H & A OF NEW YORK ENGINEERING
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TECHNICAL MEMORANDUM

March 4, 2026
File No. 0213836

TO: Remedial Bureau B, Section D
Division of Environmental Remediation
New York State Department of Environmental Conservation
625 Broadway, Floor 12
Albany, New York 12233
Corrective Action Section

Land and Redevelopment Programs Branch
Land, Chemicals & Redevelopment Division
U.S. Environmental Protection Agency Region 2
290 Broadway, 25th Floor
New York, New York 10007-1866

ATTENTION: Rafi Alam, Project Manager, NYSDEC
Sameh Abdellatif, Project Manager, USEPA

FROM: H & A of New York Engineering and Geology, LLP
Sarah A. Commisso, G.I.T., Project Manager
Suzanne M. Bell, P.E., Senior Associate

SUBJECT: Berm Sampling for On-Site Reuse Summary
Former Port Mobil Terminal (243016)

On January 15, 2025, the Berm Sampling Work Plan, dated December 27, 2024, and prepared by H & A of New York Engineering and Geology, LLP (Haley & Aldrich of New York), was approved by the New York State Department of Environmental Conservation (NYSDEC) and the United States Environmental Protection Agency (USEPA) for the sampling of Berms 7, 9, 10, 12, 13, 14, 15, 16, 17, and 18 at the Former Port Mobil Terminal (also known as Kinder Morgan Staten Island [KM]) located at 4101 Arthur Kill Road in Staten Island, New York (the "Site"). On August 12, 2025, the Berm Sampling Work Plan Addendum was submitted, and subsequently approved by the agencies on August 25, 2025, for the additional sampling of Berms 1, 2, 3, 4, 5, 6, 8, 43, 44, 45, 48, 49, 50, 51, 52, 53, 54, 55, 56, 57, 58, 59, 60, 61, and 62. A request was sent to NYSDEC and USEPA on October 8, 2025, to include sampling of two additional berms for reuse (Berms 20 and 41), and the request was approved by NYSDEC on October 10, 2025. A Project Locus is included as Figure 1, and a Site Map is included as Figure 2. This

berm material is proposed for on-Site reuse to support the future development and Site-wide remediation.

Sampling Methodology

The Site, which is a former Major Oil Storage Facility (MOSF), contained former aboveground storage tanks (ASTs) within the proposed area of redevelopment, with only tank bottoms remaining, that are surrounded by berms, which were designed to contain potential releases when the ASTs were in use and to mitigate stormwater runoff. Twenty-seven of the Site berms were sampled to determine whether berm material can be reused to support the Site-wide remediation and during future redevelopment of the Site. A survey report for the Site, which included the berm areas with an approximate volume of soil per berm area, was used to develop grid areas for sampling based on the sampling frequency in the NYSDEC's "Technical Guidance for Site Investigation and Remediation," issued on May 3, 2010 (Division of Environmental Remediation [DER]-10).

Based on previous discussions with NYSDEC via email on October 31, 2024, the sampling frequency was eligible to be reduced from every 1,000 cubic yards to every 2,000 cubic yards after the sampling of Berm 12 and Berm 16, which was conducted in January 2025. A memorandum describing the means, methods, and sampling results from Berm 12 and Berm 16, and the request to reduce the sampling frequency of the remaining berm material from every 1,000 cubic yards to every 2,000 cubic yards, was submitted to the NYSDEC and the USEPA on March 14, 2025. On March 28, 2025, the NYSDEC and USEPA approved the request to reduce the sampling frequency of the remaining berm material.

The 27 berm areas proposed for reuse were divided into 104 grids with three to six soil sample locations per grid. Two composite samples and seven discrete samples were collected for every 2,000 cubic yards of material, for a total of 208 composite samples and 728 discrete samples to characterize soils from the 27 berm areas, which ranged in elevation (El.) from approximately El. 9.6 feet (ft) to El. 52 ft at a frequency of one sample for every 2,000 cubic yards.

Berm Reuse Sampling

Sampling of the berms around AST 1, AST 2, AST 3, AST 4, AST 5, AST 6, AST 8, AST 20, AST 41, AST 43, AST 44, AST 45, AST 48, AST 49, AST 50, AST 51, AST 52, AST 53, AST 54, AST 55, AST 56, AST 57, AST 58, AST 59, AST 60, AST 61, and AST 62 (Berms 1, 2, 3, 4, 5, 6, 8, 20, 41, 43, 44, 45, 48, 49, 50, 51, 52, 53, 54, 55, 56, 57, 58, 59, 60, 61, and 62, respectively) was conducted between September 25, 2025 and October 13, 2025. These samples were collected using a CAT 314E Excavator, operated by ENTACT, LLC. Grid and sample locations are shown in Figure 3.

Composite samples were analyzed for the following parameters:

- Target Compound List (TCL) semi-volatile organic compounds (SVOCs);
- Target Analyte List (TAL) Total Metals;

- Polychlorinated biphenyls (PCBs);
- Pesticides; and,
- Per- and polyfluoroalkyl substances (PFAS).

Discrete soil samples were analyzed for TCL volatile organic compounds (VOCs).

Soil recovered from sampling locations was field screened for the presence of VOCs with a calibrated photoionization detector (PID) and observed for visual and olfactory signs of contamination. No PID readings were detected above background concentrations in any of the sampling locations. All soil boring/test pit logs are provided in Attachment 1.

Samples were collected in laboratory-prepared sample bottles (pre-preserved when appropriate), placed in ice-packed coolers maintained at approximately 4 degrees Celsius under standard chain of custody procedures, and transported to Eurofins Scientific (Eurofins) of Edison, New Jersey (Certification No. 12028).

Results Summary

In accordance with the Berm Sampling Work Plan, results were compared to the applicable NYSDEC Part 375 Commercial Use Soil Cleanup Objectives (CUSCOs) and the April 2023 NYSDEC "Sampling, Analysis, and Assessment of Per- and Polyfluoroalkyl Substances (PFAS)" guidance values.

Copper was detected in five composite samples above the CUSCO of 270 milligrams per kilogram (mg/kg) at four berm locations:

- Berm 43 at a concentration of 281 mg/kg in composite sample 43B_0-4;
- Berm 49 at a concentration of 303 mg/kg in composite sample 49B_0-5, at a concentration of 379 mg/kg in composite sample 49B_5-10, and at a concentration of 423 mg/kg in composite sample 49C_5-10; and
- Berm 57 at a concentration of 462 mg/kg in composite sample 57A_0-4.

Nickel was detected in one composite sample above the CUSCO of 310 mg/kg at one berm location:

- Berm 56 at a concentration of 348 mg/kg in composite sample 56B_0-3.

CUSCO exceedances are summarized in Figures 4, 5, and 6. There were no other exceedances of the CUSCOs in samples collected for reuse and no exceedances of the PFAS guidance values.

Summary tables of the results for each berm are included in Tables 1 through 27. Laboratory analytical reports are included as Attachment 2. Data Usability Summary Reports (DUSRs) were prepared for all data generated during this berm sampling event and are included as Attachment 3.

Conclusion

The analytical results of Berms 1, 2, 3, 4, 5, 6, 8, 20, 41, 43, 44, 45, 48, 49, 50, 51, 52, 53, 54, 55, 56, 57, 58, 59, 60, 61, and 62 indicate that the berm material does not exceed CUSCOs or PFAS guidance values, with the exceptions of Berm 43 Grid 43B (0-4), Berm 49 Grid 49B (0-5) and (5-10), Berm 49 Grid 49C (5-10), and Berm 57 Grid 57A (0-4), where copper was detected above the CUSCO, and Berm 56 Grid 56B (0-3), where nickel was detected above CUSCO. Haley & Aldrich of New York is requesting that all sampled berm material be approved for reuse, with the exception of the grids with exceedances of the CUSCOs listed above, to support the Site-wide remediation and future redevelopment.

If you have any questions, please do not hesitate to contact the undersigned.

Sincerely yours,
H & A OF NEW YORK ENGINEERING AND GEOLOGY, LLP

Sarah A. Commisso, G.I.T.
Project Manager

Suzanne M. Bell, P.E.
Senior Associate

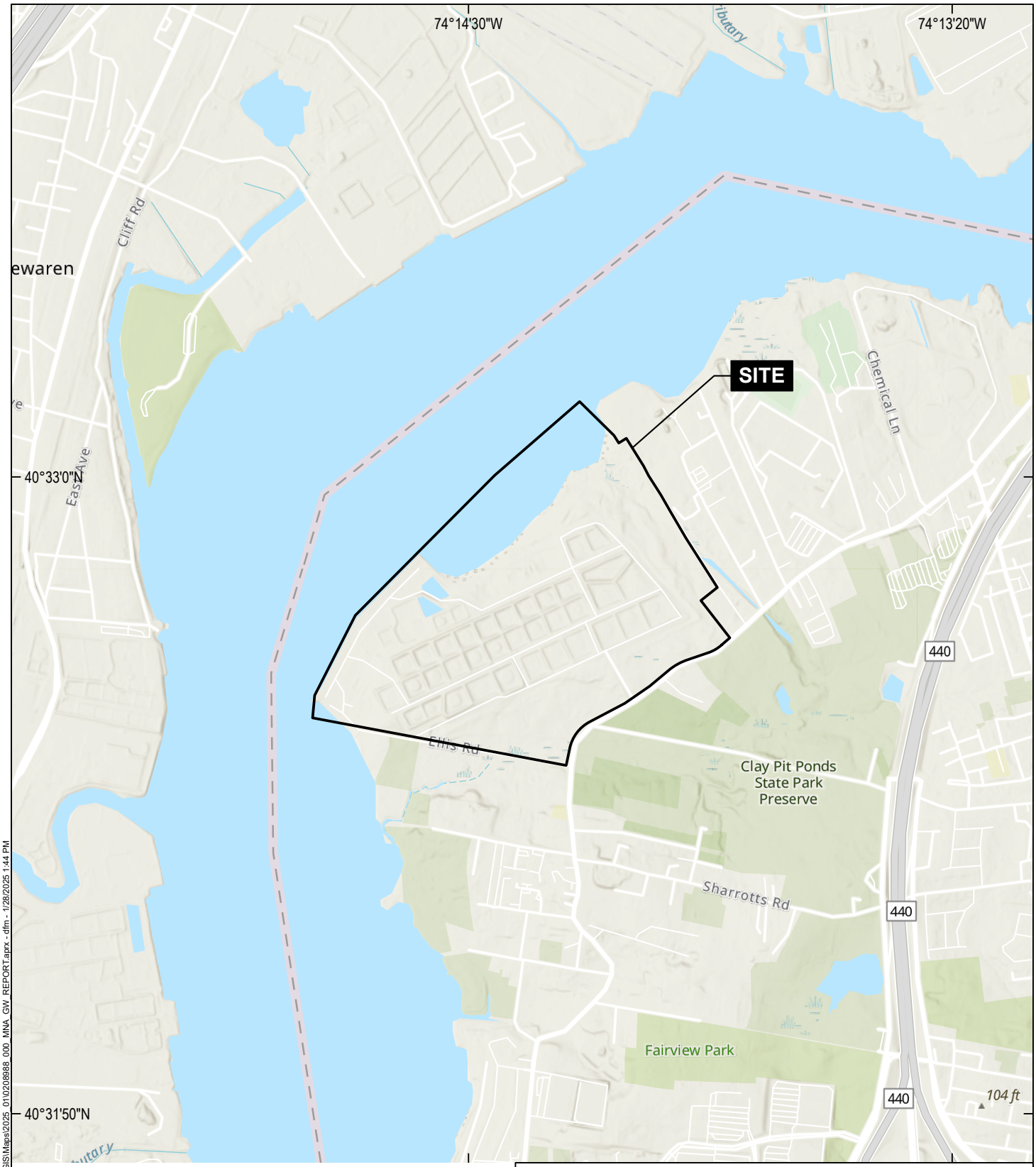
Attachments:

Figure 1 – Project Locus
Figure 2 – Site Plan
Figure 3 – Berm Sampling Locations
Figure 4 – Berm 49 Sampling Results Exceedance Map
Figure 5 – Berm 56 and 57 Sampling Results Exceedance Map
Figure 6 – Berm 43 Sampling Results Exceedance Map

Tables 1 through 27 – Summary of Soil Quality Data by Berm

Attachment 1 - Soil Boring and Test Pit Logs
Attachment 2 - Analytical Laboratory Reports
Attachment 3 – Data Usability Summary Report

FIGURES



MAP SOURCE: ESRI
SITE COORDINATES: 40°32'46"N, 74°14'21"W

HALEY ALDRICH

FORMER PORT MOBIL TERMINAL
STATEN ISLAND, NEWYORK

PROJECT LOCUS

APPROXIMATE SCALE: 1 IN = 2000 FT
NOVEMBER 2025

FIGURE 1

GIS: \\haleyaldrich.com\share\CF\Projects\0208988\GIS\Maps\2025_0102208988_000_MNA_GW_REPORT.aprx - dfm - 1/28/2025 1:44 PM

LEGEND

- CONTAINMENT BERM
- SURFACE IMPOUNDMENT
- IRM 1 BOUNDARY
- PROJECT SITE BOUNDARY

NOTES

1. ALL LOCATIONS AND DIMENSIONS ARE APPROXIMATE.
2. AERIAL IMAGERY SOURCE; NEARMAP, JUNE 20, 2024.

0 420 840
SCALE IN FEET

HALEY ALDRICH

FORMER PORT MOBIL TERMINAL
STATEN ISLAND, NEWYORK

SITE MAP

NOVEMBER 2025

FIGURE 2

GIS FILE PATH: \\haleyaldrich.com\share\CF\Projects\0208988\GIS\Maps\2024_07\208988_000_ALTERNATIVE_ANALYSIS\208988_000_FORMER_PORT_MOBIL_TERMINAL.aprx - USER: dfm - LAST SAVED: 10/22/2024 1:45 PM

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LEGEND

- BERM SAMPLE LOCATION
- SAMPLING GRID BOUNDARY
- PROJECT SITE BOUNDARY
- 48 ABOVEGROUND STORAGE TANK / BERM NUMBER
- (6,500) APPROXIMATE VOLUME PROPOSED FOR REUSE

NOTES

1. ALL LOCATIONS AND DIMENSIONS ARE APPROXIMATE.
2. AERIAL IMAGERY SOURCE: NEARMAP, 20 JUNE 2024

0 250 500
SCALE IN FEET

HALEY ALDRICH

FORMER PORT MOBIL TERMINAL
STATEN ISLAND, NEWYORK

BERM SAMPLING LOCATIONS

NOVEMBER 2025

FIGURE 3

49C_5-10	460-336648-2 49C_5-10 10/8/2025
Metals (mg/kg)	
Copper	**423**

49B_5-10	460-336648-22 49B_5-10 10/7/2025
Metals (mg/kg)	
Copper	**379**

49B_0-5	460-336648-21 49B_0-5 10/7/2025
Metals (mg/kg)	
Copper	**303**

LEGEND

- BERM SAMPLE LOCATION
- SAMPLING GRID BOUNDARY
- PROJECT SITE BOUNDARY
- BERM SAMPLING GRID WITH CUSCO EXCEEDANCE

NOTES

1. ALL LOCATIONS AND DIMENSIONS ARE APPROXIMATE.
2. AERIAL IMAGERY SOURCE: NEARMAP, 20 JUNE 2024
3. SOIL ANALYTICAL RESULTS ARE COMPARED TO THE NYSDEC PART 375 COMMERCIAL USE SOIL CLEANUP OBJECTIVES (CUSCOs).
4. ALL EXCEEDANCES OF THE CUSCOs ARE INDICATED ON THE FIGURE.

N

0 150 300
SCALE IN FEET

HALEY ALDRICH

FORMER PORT MOBIL TERMINAL
STATEN ISLAND, NEWYORK

BERM 49 SAMPLING RESULTS EXCEEDANCE MAP

NOVEMBER 2025

FIGURE 4

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57A_0-4	460-336617-1 57A_0-4 10/7/2025
Metals (mg/kg)	
Copper	**462**

56B_0-3	460-336081-9 56B_0-3 9/30/2025
Metals (mg/kg)	
Nickel	**348**

LEGEND

- BERM PROPOSED SAMPLE LOCATION
- SAMPLING GRID BOUNDARY
- PROJECT SITE BOUNDARY
- BERM SAMPLING GRID WITH CUSCO EXCEEDANCE

NOTES

1. ALL LOCATIONS AND DIMENSIONS ARE APPROXIMATE.
2. AERIAL IMAGERY SOURCE: NEARMAP, 20 JUNE 2024
3. SOIL ANALYTICAL RESULTS ARE COMPARED TO THE NYSDEC PART 375 COMMERCIAL USE SOIL CLEANUP OBJECTIVES (CUSCOs).
4. ALL EXCEEDANCES OF THE CUSCOs ARE INDICATED ON THE FIGURE.

N

0 150 300

SCALE IN FEET

HALEY ALDRICH

FORMER PORT MOBIL TERMINAL
STATEN ISLAND, NEWYORK

BERM 56 AND 57 SAMPLING RESULTS EXCEEDANCE MAP

NOVEMBER 2025

FIGURE 5

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43B_0-4	460-336212-5 43B_0-4 10/1/2025
Metals (mg/kg)	
Copper	**281**

41
(2,000)
20
(2,000)
43
(2,600)
60
(2,000)
2
(4,100)
4
(11,600)
6
(12,500)
8
(4,600)
1
(14,800)
3
(13,330)
5
(10,500)

41
43A
43B
60
4A
6F
6A
6B
8B
4F
4B
4E
4D
4C
6E
6D
8A
6C
1B
3G
3A
5A
5B

LEGEND

- BERM SAMPLE LOCATION
- SAMPLING GRID BOUNDARY
- PROJECT SITE BOUNDARY
- BERM SAMPLING GRID WITH CUSCO EXCEEDANCE

NOTES

1. ALL LOCATIONS AND DIMENSIONS ARE APPROXIMATE.
2. AERIAL IMAGERY SOURCE: NEARMAP, 20 JUNE 2024
3. SOIL ANALYTICAL RESULTS ARE COMPARED TO THE NYSDEC PART 375 COMMERCIAL USE SOIL CLEANUP OBJECTIVES (CUSCOs).
4. ALL EXCEEDANCES OF THE CUSCOs ARE INDICATED ON THE FIGURE.

N

0 100 200
SCALE IN FEET

HALEY ALDRICH

FORMER PORT MOBIL TERMINAL
STATEN ISLAND, NEWYORK

BERM 43 SAMPLING RESULTS EXCEEDANCE MAP

NOVEMBER 2025

FIGURE 6

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TABLES

TABLE 1
SUMMARY OF SOIL QUALITY DATA - BERM 1
FORMER PORT MOBIL TERMINAL
STATEN ISLAND, NEW YORK
FILE NO. 0208998

	Criteria																		
Location Name	NY Part 375	1A	1A	1A1	1A1	1A1	1A2	1A2	1A3	1A3	1B	1B	1B1	1B1	1B1	1B2	1B2	1B3	1B3
Sample Name	Commercial	1A_0-7	1A_7-14	1A1_1-2	1A1_6-7	1A1_12-13	1A2_3-4	1A2_8-9	1A3_4-5	1A3_10-11	1B_0-7	1B_7-14	1B1_1-2	1B1_6-7	1B1_10-11	1B2_3-4	1B2_8-9	1B3_4-5	1B3_9-10
Sample Date	Use	10/03/2025	10/03/2025	10/03/2025	10/03/2025	10/03/2025	10/03/2025	10/03/2025	10/03/2025	10/03/2025	10/03/2025	10/03/2025	10/03/2025	10/03/2025	10/03/2025	10/03/2025	10/03/2025	10/03/2025	10/03/2025
Lab Sample ID	Soil Cleanup	460-336467-5	460-336467-6	460-336467-35	460-336467-38	460-336467-41	460-336467-36	460-336467-39	460-336467-37	460-336467-40	460-336467-7	460-336467-8	460-336467-42	460-336467-45	460-336467-48	460-336467-43	460-336467-46	460-336467-44	460-336467-47
Sample Depth (bgs)	Objectives	0 - 7 (ft)	7 - 14 (ft)	1 - 2 (ft)	6 - 7 (ft)	12 - 13 (ft)	3 - 4 (ft)	8 - 9 (ft)	4 - 5 (ft)	10 - 11 (ft)	0 - 7 (ft)	7 - 14 (ft)	1 - 2 (ft)	6 - 7 (ft)	10 - 11 (ft)	3 - 4 (ft)	8 - 9 (ft)	4 - 5 (ft)	9 - 10 (ft)
Volatile Organic Compounds (mg/kg)																			
1,1,1-Trichloroethane	500	-	-	ND (0.001)	ND (0.0011)	ND (0.00088)	ND (0.0011)	ND (0.0012)	ND (0.0013)	ND (0.00095)	-	-	ND (0.0014)	ND (0.0014)	ND (0.0011)	ND (0.0012)	ND (0.001)	ND (0.0012)	ND (0.00096)
1,1,2,2-Tetrachloroethane	NA	-	-	ND (0.001)	ND (0.0011)	ND (0.00088)	ND (0.0011)	ND (0.0012)	ND (0.0013)	ND (0.00095)	-	-	ND (0.0014)	ND (0.0014)	ND (0.0011)	ND (0.0012)	ND (0.001)	ND (0.0012)	ND (0.00096)
1,1,2-Trichloroethane	NA	-	-	ND (0.001)	ND (0.0011)	ND (0.00088)	ND (0.0011)	ND (0.0012)	ND (0.0013)	ND (0.00095)	-	-	ND (0.0014)	ND (0.0014)	ND (0.0011)	ND (0.0012)	ND (0.001)	ND (0.0012)	ND (0.00096)
1,1-Dichloroethane	240	-	-	ND (0.001)	ND (0.0011)	ND (0.00088)	ND (0.0011)	ND (0.0012)	ND (0.0013)	ND (0.00095)	-	-	ND (0.0014)	ND (0.0014)	ND (0.0011)	ND (0.0012)	ND (0.001)	ND (0.0012)	ND (0.00096)
1,1-Dichloroethene	500	-	-	ND (0.001)	ND (0.0011)	ND (0.00088)	ND (0.0011)	ND (0.0012)	ND (0.0013)	ND (0.00095)	-	-	ND (0.0014)	ND (0.0014)	ND (0.0011)	ND (0.0012)	ND (0.001)	ND (0.0012)	ND (0.00096)
1,2,3-Trichlorobenzene	NA	-	-	ND (0.001)	ND (0.0011)	ND (0.00088)	ND (0.0011)	ND (0.0012)	ND (0.0013)	ND (0.00095)	-	-	ND (0.0014)	ND (0.0014)	ND (0.0011)	ND (0.0012)	ND (0.001)	ND (0.0012)	ND (0.00096)
1,2,4-Trichlorobenzene	NA	-	-	ND (0.001)	ND (0.0011)	ND (0.00088)	ND (0.0011)	ND (0.0012)	ND (0.0013)	ND (0.00095)	-	-	ND (0.0014)	ND (0.0014)	ND (0.0011)	ND (0.0012)	ND (0.001)	ND (0.0012)	ND (0.00096)
1,2,4-Trimethylbenzene	190	-	-	ND (0.001)	ND (0.0011)	ND (0.00088)	ND (0.0011)	ND (0.0012)	ND (0.0013)	ND (0.00095)	-	-	ND (0.0014)	ND (0.0014)	ND (0.0011)	ND (0.0012)	ND (0.001)	ND (0.0012)	ND (0.00096)
1,2-Dibromo-3-chloropropane (DBCP)	NA	-	-	ND (0.001)	ND (0.0011)	ND (0.00088)	ND (0.0011)	ND (0.0012)	ND (0.0013)	ND (0.00095)	-	-	ND (0.0014)	ND (0.0014)	ND (0.0011)	ND (0.0012)	ND (0.001)	ND (0.0012)	ND (0.00096)
1,2-Dibromoethane (Ethylene Dibromide)	NA	-	-	ND (0.001)	ND (0.0011)	ND (0.00088)	ND (0.0011)	ND (0.0012)	ND (0.0013)	ND (0.00095)	-	-	ND (0.0014)	ND (0.0014)	ND (0.0011)	ND (0.0012)	ND (0.001)	ND (0.0012)	ND (0.00096)
1,2-Dichlorobenzene	500	-	-	ND (0.001)	ND (0.0011)	ND (0.00088)	ND (0.0011)	ND (0.0012)	ND (0.0013)	ND (0.00095)	-	-	ND (0.0014)	ND (0.0014)	ND (0.0011)	ND (0.0012)	ND (0.001)	ND (0.0012)	ND (0.00096)
1,2-Dichloroethane	30	-	-	ND (0.001)	ND (0.0011)	ND (0.00088)	ND (0.0011)	ND (0.0012)	ND (0.0013)	ND (0.00095)	-	-	ND (0.0014)	ND (0.0014)	ND (0.0011)	ND (0.0012)	ND (0.001)	ND (0.0012)	ND (0.00096)
1,2-Dichloropropane	NA	-	-	ND (0.001)	ND (0.0011)	ND (0.00088)	ND (0.0011)	ND (0.0012)	ND (0.0013)	ND (0.00095)	-	-	ND (0.0014)	ND (0.0014)	ND (0.0011)	ND (0.0012)	ND (0.001)	ND (0.0012)	ND (0.00096)
1,3,5-Trimethylbenzene	190	-	-	ND (0.001)	ND (0.0011)	ND (0.00088)	ND (0.0011)	ND (0.0012)	ND (0.0013)	ND (0.00095)	-	-	ND (0.0014)	ND (0.0014)	ND (0.0011)	ND (0.0012)	ND (0.001)	ND (0.0012)	ND (0.00096)
1,3-Dichlorobenzene	280	-	-	ND (0.001)	ND (0.0011)	ND (0.00088)	ND (0.0011)	ND (0.0012)	ND (0.0013)	ND (0.00095)	-	-	ND (0.0014)	ND (0.0014)	ND (0.0011)	ND (0.0012)	ND (0.001)	ND (0.0012)	ND (0.00096)
1,4-Dichlorobenzene	130	-	-	ND (0.001)	ND (0.0011)	ND (0.00088)	ND (0.0011)	ND (0.0012)	ND (0.0013)	ND (0.00095)	-	-	ND (0.0014)	ND (0.0014)	ND (0.0011)	ND (0.0012)	ND (0.001)	ND (0.0012)	ND (0.00096)
2-Butanone (Methyl Ethyl Ketone)	500	-	-	ND (0.0051)	ND (0.0053)	ND (0.0044)	ND (0.0056)	ND (0.0058)	ND (0.0065)	ND (0.0048)	-	-	ND (0.0071)	ND (0.0071)	ND (0.0055)	ND (0.006)	ND (0.0051)	ND (0.0058)	ND (0.0048)
2-Hexanone (Methyl Butyl Ketone)	NA	-	-	ND (0.0051)	ND (0.0053)	ND (0.0044)	ND (0.0056)	ND (0.0058)	ND (0.0065)	ND (0.0048)	-	-	ND (0.0071)	ND (0.0071)	ND (0.0055)	ND (0.006)	ND (0.0051)	ND (0.0058)	ND (0.0048)
2-Phenylbutane (sec-Butylbenzene)	500	-	-	ND (0.001)	ND (0.0011)	ND (0.00088)	ND (0.0011)	ND (0.0012)	ND (0.0013)	ND (0.00095)	-	-	ND (0.0014)	ND (0.0014)	ND (0.0011)	ND (0.0012)	ND (0.001)	ND (0.0012)	ND (0.00096)
4-Methyl-2-Pentanone (Methyl Isobutyl Ketone)	NA	-	-	ND (0.0051)	ND (0.0053)	ND (0.0044)	ND (0.0056)	ND (0.0058)	ND (0.0065)	ND (0.0048)	-	-	ND (0.0071)	ND (0.0071)	ND (0.0055)	ND (0.006)	ND (0.0051)	ND (0.0058)	ND (0.0048)
Acetone	500	-	-	0.029	0.048	0.079	0.094	0.13	ND (0.0078)	0.2	-	-	0.19	0.096	0.063	0.043	0.02	ND (0.0069)	0.018
Benzene	44	-	-	ND (0.001)	ND (0.0011)	ND (0.00088)	ND (0.0011)	ND (0.0012)	ND (0.0013)	ND (0.00095)	-	-	ND (0.0014)	ND (0.0014)	ND (0.0011)	ND (0.0012)	ND (0.001)	ND (0.0012)	ND (0.00096)
Bromodichloromethane	NA	-	-	ND (0.001)	ND (0.0011)	ND (0.00088)	ND (0.0011)	ND (0.0012)	ND (0.0013)	ND (0.00095)	-	-	ND (0.0014)	ND (0.0014)	ND (0.0011)	ND (0.0012)	ND (0.001)	ND (0.0012)	ND (0.00096)
Bromoform	NA	-	-	ND (0.001)	ND (0.0011)	ND (0.00088)	ND (0.0011)	ND (0.0012)	ND (0.0013)	ND (0.00095)	-	-	ND (0.0014)	ND (0.0014)	ND (0.0011)	ND (0.0012)	ND (0.001)	ND (0.0012)	ND (0.00096)
Bromomethane (Methyl Bromide)	NA	-	-	ND (0.002) *	ND (0.0021) *	ND (0.0018) *	ND (0.0022) *	ND (0.0023) *	ND (0.0026) *	ND (0.0019) *	-	-	ND (0.0028) *	ND (0.0028)	ND (0.0022)	ND (0.0024)	ND (0.002)	ND (0.0023)	ND (0.0019)
Carbon disulfide	NA	-	-	ND (0.001)	ND (0.0011)	ND (0.00088)	ND (0.0011)	ND (0.0012)	ND (0.0013)	ND (0.00095)	-	-	ND (0.0014)	ND (0.0014)	ND (0.0011)	ND (0.0012)	ND (0.001)	ND (0.0012)	ND (0.00096)
Carbon tetrachloride	22	-	-	ND (0.001)	ND (0.0011)	ND (0.00088)	ND (0.0011)	ND (0.0012)	ND (0.0013)	ND (0.00095)	-	-	ND (0.0014)	ND (0.0014)	ND (0.0011)	ND (0.0012)	ND (0.001)	ND (0.0012)	ND (0.00096)
Chlorobenzene	500	-	-	ND (0.001)	ND (0.0011)	ND (0.00088)	ND (0.0011)	ND (0.0012)	ND (0.0013)	ND (0.00095)	-	-	ND (0.0014)	ND (0.0014)	ND (0.0011)	ND (0.0012)	ND (0.001)	ND (0.0012)	ND (0.00096)
Chlorobromomethane	NA	-	-	ND (0.001)	ND (0.0011)	ND (0.00088)	ND (0.0011)	ND (0.0012)	ND (0.0013)	ND (0.00095)	-	-	ND (0.0014)	ND (0.0014)	ND (0.0011)	ND (0.0012)	ND (0.001)	ND (0.0012)	ND (0.00096)
Chloroethane	NA	-	-	ND (0.001) *	ND (0.0011)	ND (0.00088)	ND (0.0011) *	ND (0.0012)	ND (0.0013)	ND (0.00095)	-	-	ND (0.0014)	ND (0.0014) *	ND (0.0011) *	ND (0.0012) *	ND (0.001) *	ND (0.0012) *	ND (0.00096) *
Chloroform (Trichloromethane)	350	-	-	ND (0.001)	ND (0.0011)	ND (0.00088)	ND (0.0011)	ND (0.0012)	ND (0.0013)	ND (0.00095)	-	-	ND (0.0014)	ND (0.0014)	ND (0.0011)	ND (0.0012)	ND (0.001)	ND (0.0012)	ND (0.00096)
Chloromethane (Methyl Chloride)	NA	-	-	ND (0.001)	ND (0.0011)	ND (0.00088)	ND (0.0011)	ND (0.0012)	ND (0.0013)	ND (0.00095)	-	-	ND (0.0014)	ND (0.0014)	ND (0.0011)	ND (0.0012)	ND (0.001)	ND (0.0012)	ND (0.00096)
cis-1,2-Dichloroethene	500	-	-	ND (0.001)	ND (0.0011)	ND (0.00088)	ND (0.0011)	ND (0.0012)	ND (0.0013)	ND (0.00095)	-	-	ND (0.0014)	ND (0.0014)	ND (0.0011)	ND (0.0012)	ND (0.001)	ND (0.0012)	ND (0.00096)
cis-1,3-Dichloropropene	NA	-	-	ND (0.001)	ND (0.0011)	ND (0.00088)	ND (0.0011)	ND (0.0012)	ND (0.0013)	ND (0.00095)	-	-	ND (0.0014)	ND (0.0014)	ND (0.0011)	ND (0.0012)	ND (0.001)	ND (0.0012)	ND (0.00096)
Cyclohexane	NA	-	-	ND (0.001)	ND (0.0011)	ND (0.00088)	ND (0.0011)	ND (0.0012)	ND (0.0013)	ND (0.00095)	-	-	ND (0.0014)	ND (0.0014)	ND (0.0011)	ND (0.0012)	ND (0.001)	ND (0.0012)	ND (0.00096)
Dibromochloromethane	NA	-	-	ND (0.001)	ND (0.0011)	ND (0.00088)	ND (0.0011)	ND (0.0012)	ND (0.0013)	ND (0.00095)	-	-	ND (0.0014)	ND (0.0014)	ND (0.0011)	ND (0.0012)	ND (0.001)	ND (0.0012)	ND (0.00096)
Dichlorodifluoromethane (CFC-12)	NA	-	-	ND (0.001)	ND (0.0011)	ND (0.00088)	ND (0.0011)	ND (0.0012)	ND (0.0013)	ND (0.00095)	-	-	ND (0.0014)	ND (0.0014) *	ND (0.0011) *	ND (0.0012) *	ND (0.001) *	ND (0.0012) *	ND (0.00096) *
Ethylbenzene	390	-	-	ND (0.001)	ND (0.0011)	ND (0.00088)	ND (0.0011)	ND (0.0012)	ND (0.0013)	ND (0.00095)	-	-	ND (0.0014)	ND (0.0014)	ND (0.0011)	ND (0.0012)	ND (0.001)	ND (0.0012)	ND (0.00096)
Isopropylbenzene (Cumene)	NA	-	-	ND (0.001)	ND (0.0011)	ND (0.00088)	ND (0.0011)	ND (0.0012)	ND (0.0013)	ND (0.00095)	-	-	ND (0.0014)	ND (0.0014)	ND (0.0011)	ND (0.0012)	ND (0.001)	ND (0.0012)	ND (0.00096)
m,p-Xylenes	NA	-	-	ND (0.001)	ND (0.0011)	ND (0.00088)	ND (0.0011)	ND (0.0012)	ND (0.0013)	ND (0.00095)	-	-	ND (0.0014)	ND (0.0014)	ND (0.0011)	ND (0.0012)	ND (0.001)	ND (0.0012)	ND (0.00096)
Methyl acetate	NA	-	-	ND (0.0051)	ND (0.0053)	ND (0.0044)	ND (0.0056)	ND (0.0058)	ND (0.0065)	ND (0.0048)	-	-	ND (0.0071)	ND (0.0071)	ND (0.0055)	ND (0.006)	ND (0.0051)	ND (0.0058)	ND (0.0048)
Methyl Tert Butyl Ether (MTBE)	500	-	-	ND (0.001)	ND (0.0011)	ND (0.00088)	ND (0.0011)	ND (0.0012)	ND (0.0013)	ND (0.00095)	-	-	ND (0.0014)	ND (0.0014)	ND (0.0011)	ND (0.0012)	ND (0.001)	ND (0.0012)	ND (0.00096)
Methylcyclohexane	NA	-	-	ND (0.001)	ND (0.0011)	ND (0.00088)	ND (0.0011)	ND (0.0012)	ND (0.0013)	ND (0.00095)	-	-	ND (0.0014)	ND (0.0014)	ND (0.0011)	ND (0.0012)	ND (0.001)	ND (0.0012)	ND (0.00096)
Methylene chloride (Dichloromethane)	500	-	-	0.0024	ND (0.0021)	ND (0.0018)	0.0018 J	ND (0.0023)	ND (0.0026)	ND (0.0019)	-	-	ND (0.0028)	ND (0.0028)	ND (0.0022)	ND (0.0024)	ND (0.002)	0.0013 J	ND (0.0019)
n-Butylbenzene	500	-	-	ND (0.001)	ND (0.0011)	ND (0.00088)	ND (0.0011)	ND (0.0012)	ND (0.0013)	ND (0.00095)	-	-	ND (0.0014)	ND (0.0014)	ND (0.0011)	ND (0.0012)	ND (0.001)	ND (0.0012)	ND (0.00096)
n-Propylbenzene	500	-	-	ND (0.001)	ND (0.0011)	ND (0.00088)	ND (0.0011)	ND (0.0012)	ND (0.0013)	ND (0.00095)	-	-	ND (0.0014)	ND (0.0014)	ND (0.0011)	ND (0.0012)	ND (0.001)	ND (0.0012)	ND (0.00096)
o-Xylene	NA	-	-	ND (0.001)	ND (0.0011)	ND (0.00088)	ND (0.0011)	ND (0.0012)	ND (0.0013)	ND (0.00095)	-	-	ND (0.0014)	ND (0.0014)	ND (0.0011)	ND (0.0012)	ND (0.001)	ND (0.0012)	ND (0.00096)
Styrene	NA	-	-	ND (0.001)	ND (0.0011)	ND (0.00088)	ND (0.0011)	ND (0.0012)	ND (0.0013)	ND (0.00095)	-	-	ND (0.0014)	ND (0.0014)	ND (0.0011)	ND (0.0012)	ND (0.001)	ND (0.0012)	ND (0.00096)
tert-Butylbenzene	500	-	-	ND (0.001)	ND (0.0011)	ND (0.00088)	ND (0.0011)	ND (0.0012)	ND (0.0013)	ND (0.00095)	-	-	ND (0.0014)	ND (0.0014)	ND (0.0011)	ND (0.0012)	ND (0.001)	ND (0.0012)	ND (0.00096)
Tetrachloroethene	150	-	-	ND (0.001)	ND (0.0011)	ND (0.00088)	ND (0.0011)	ND (0.0012)	ND (0.0013)	ND (0.00095)	-	-	ND (0.0014)	ND (0.0014)	ND (0.0011)	ND (0.0012)	ND (0.001)	ND (0.0012)	ND (0.00096)
Toluene	500	-	-	ND (0.001)	ND (0.0011)	ND (0.00088)	ND (0.0011)	ND (0.0012)	ND (0.0013)	ND (0.00095)	-	-	0.00077 J	ND (0.0014)	0.0013	ND (0.0012)	0.00045 J	ND (0.0012)	ND (0.00096)
trans-1,2-Dichloroethene	500	-	-	ND (0.001)	ND (0.0011)	ND (0.00088)	ND (0.0011)	ND (0.0012)	ND (0.0013)	ND (0.00095)	-	-	ND (0.0014)	ND (0.0014)	ND (0.0011)	ND (0.0012)	ND (0.001)	ND (0.0012)	ND (0.00096)
trans-1,3-Dichloropropene	NA	-	-	ND (0.001)	ND (0.0011)	ND (0.00088)	ND (0.0011)	ND (0.0012)	ND (0.0013)	ND (0.00095)	-	-	ND (0.0014)	ND (0.0014)	ND (0.0011)	ND (0.0012)	ND (0.001)	ND (0.0012)	ND (0.00096)
Trichloroethene	200	-	-	ND (0.001)	ND (0.0011)	ND (0.00088)	ND (0.0011)	ND (0.0012)	ND (0.0013)	ND (0.00095)	-	-	ND (0.0014)	ND (0.0014)	ND (0.0011)	ND (0.0012)	ND (0.001)	ND (0.0012)	ND (0.00096)
Trichlorofluoromethane (CFC-11)	NA	-	-	ND (0.001)	ND (0.0011)	ND (0.00088)	ND (0.0011)	ND (0.0012)	ND (0.0013)	ND (0.00095)	-	-	ND (0.0014)	ND (0.0014)	ND (0.0011)	ND (0.0012)	ND (0.001)	ND (0.0012)	ND (0.00096)
Trifluorotrichloroethane (Freon 113)	NA	-	-	ND (0.001)	ND (0.0011)	ND (0.00088)	ND (0.0011)	ND (0.0012)	ND (0.0013)	ND (0.00095)	-	-	ND (0.0014)	ND (0.0014)	ND (0.0011)	ND (0.0012)	ND (0.001)	ND (0.0012)	ND (0.00096)
Vinyl chloride	13	-	-	ND (0.001)	ND (0.0011)	ND (0.00088)	ND (0.0011)	ND (0.0012)	ND (0.0013)	ND (0.00095)	-	-	ND (0.0014)	ND (0.0014)	ND (0.0011)	ND (0.0012)	ND (0.001)	ND (0.0012)	ND (0.00096)
Xylene (Total)	500	-	-	ND (0.002)	ND (0.0021)	ND (0.0018)	ND (0.0022)	ND (0.0023)	ND (0.0026)	ND (0.0019)	-	-	ND (0.0028)	ND (0.0028)	ND (0.0022)	ND (0.0024)	ND (0.002)	ND (0.0023)	ND (0.0019)

TABLE 1
SUMMARY OF SOIL QUALITY DATA - BERM 1
FORMER PORT MOBIL TERMINAL
STATEN ISLAND, NEW YORK
FILE NO. 0208998

	Criteria																		
Location Name	NY Part 375	1A	1A	1A1	1A1	1A1	1A2	1A2	1A3	1A3	1B	1B	1B1	1B1	1B1	1B2	1B2	1B3	1B3
Sample Name	Commercial	1A_0-7	1A_7-14	1A1_1-2	1A1_6-7	1A1_12-13	1A2_3-4	1A2_8-9	1A3_4-5	1A3_10-11	1B_0-7	1B_7-14	1B1_1-2	1B1_6-7	1B1_10-11	1B2_3-4	1B2_8-9	1B3_4-5	1B3_9-10
Sample Date	Use	10/03/2025	10/03/2025	10/03/2025	10/03/2025	10/03/2025	10/03/2025	10/03/2025	10/03/2025	10/03/2025	10/03/2025	10/03/2025	10/03/2025	10/03/2025	10/03/2025	10/03/2025	10/03/2025	10/03/2025	10/03/2025
Lab Sample ID	Soil Cleanup	460-336467-5	460-336467-6	460-336467-35	460-336467-38	460-336467-41	460-336467-36	460-336467-39	460-336467-37	460-336467-40	460-336467-7	460-336467-8	460-336467-42	460-336467-45	460-336467-48	460-336467-43	460-336467-46	460-336467-44	460-336467-47
Sample Depth (bgs)	Objectives	0 - 7 (ft)	7 - 14 (ft)	1 - 2 (ft)	6 - 7 (ft)	12 - 13 (ft)	3 - 4 (ft)	8 - 9 (ft)	4 - 5 (ft)	10 - 11 (ft)	0 - 7 (ft)	7 - 14 (ft)	1 - 2 (ft)	6 - 7 (ft)	10 - 11 (ft)	3 - 4 (ft)	8 - 9 (ft)	4 - 5 (ft)	9 - 10 (ft)
Semi-Volatile Organic Compounds (mg/kg)																			
1,2,4,5-Tetrachlorobenzene	NA	ND (0.34)	ND (0.35)	-	-	-	-	-	-	-	ND (0.35)	ND (0.35)	-	-	-	-	-	-	-
1,4-Dioxane	130	ND (0.034)	ND (0.035)	-	-	-	-	-	-	-	ND (0.035)	ND (0.035)	-	-	-	-	-	-	-
2,2'-oxybis(1-Chloropropane)	NA	ND (0.34)	ND (0.35)	-	-	-	-	-	-	-	ND (0.35)	ND (0.35)	-	-	-	-	-	-	-
2,3,4,6-Tetrachlorophenol	NA	ND (0.34)	ND (0.35)	-	-	-	-	-	-	-	ND (0.35)	ND (0.35)	-	-	-	-	-	-	-
2,4,5-Trichlorophenol	NA	ND (0.34)	ND (0.35)	-	-	-	-	-	-	-	ND (0.35)	ND (0.35)	-	-	-	-	-	-	-
2,4,6-Trichlorophenol	NA	ND (0.14)	ND (0.14)	-	-	-	-	-	-	-	ND (0.14)	ND (0.14)	-	-	-	-	-	-	-
2,4-Dichlorophenol	NA	ND (0.14)	ND (0.14)	-	-	-	-	-	-	-	ND (0.14)	ND (0.14)	-	-	-	-	-	-	-
2,4-Dimethylphenol	NA	ND (0.34)	ND (0.35)	-	-	-	-	-	-	-	ND (0.35)	ND (0.35)	-	-	-	-	-	-	-
2,4-Dinitrophenol	NA	ND (0.27)	ND (0.28)	-	-	-	-	-	-	-	ND (0.29)	ND (0.28)	-	-	-	-	-	-	-
2,4-Dinitrotoluene	NA	ND (0.068)	ND (0.071)	-	-	-	-	-	-	-	ND (0.072)	ND (0.071)	-	-	-	-	-	-	-
2,6-Dinitrotoluene	NA	ND (0.068)	ND (0.071)	-	-	-	-	-	-	-	ND (0.072)	ND (0.071)	-	-	-	-	-	-	-
2-Chloronaphthalene	NA	ND (0.34)	ND (0.35)	-	-	-	-	-	-	-	ND (0.35)	ND (0.35)	-	-	-	-	-	-	-
2-Chlorophenol	NA	ND (0.34)	ND (0.35)	-	-	-	-	-	-	-	ND (0.35)	ND (0.35)	-	-	-	-	-	-	-
2-Methylnaphthalene	NA	ND (0.34)	ND (0.35)	-	-	-	-	-	-	-	ND (0.35)	ND (0.35)	-	-	-	-	-	-	-
2-Methylphenol (o-Cresol)	500	ND (0.34)	ND (0.35)	-	-	-	-	-	-	-	ND (0.35)	ND (0.35)	-	-	-	-	-	-	-
2-Nitroaniline	NA	ND (0.34)	ND (0.35)	-	-	-	-	-	-	-	ND (0.35)	ND (0.35)	-	-	-	-	-	-	-
2-Nitrophenol	NA	ND (0.34)	ND (0.35)	-	-	-	-	-	-	-	ND (0.35)	ND (0.35)	-	-	-	-	-	-	-
3&4-Methylphenol	NA	ND (0.34)	ND (0.35)	-	-	-	-	-	-	-	ND (0.35)	ND (0.35)	-	-	-	-	-	-	-
3,3'-Dichlorobenzidine	NA	ND (0.14)	ND (0.14)	-	-	-	-	-	-	-	ND (0.14)	ND (0.14)	-	-	-	-	-	-	-
3-Nitroaniline	NA	ND (0.34)	ND (0.35)	-	-	-	-	-	-	-	ND (0.35)	ND (0.35)	-	-	-	-	-	-	-
4,6-Dinitro-2-methylphenol	NA	ND (0.27)	ND (0.28)	-	-	-	-	-	-	-	ND (0.29)	ND (0.28)	-	-	-	-	-	-	-
4-Bromophenyl phenyl ether (BDE-3)	NA	ND (0.34)	ND (0.35)	-	-	-	-	-	-	-	ND (0.35)	ND (0.35)	-	-	-	-	-	-	-
4-Chloro-3-methylphenol	NA	ND (0.34)	ND (0.35)	-	-	-	-	-	-	-	ND (0.35)	ND (0.35)	-	-	-	-	-	-	-
4-Chloroaniline	NA	ND (0.34)	ND (0.35)	-	-	-	-	-	-	-	ND (0.35)	ND (0.35)	-	-	-	-	-	-	-
4-Chlorophenyl phenyl ether	NA	ND (0.34)	ND (0.35)	-	-	-	-	-	-	-	ND (0.35)	ND (0.35)	-	-	-	-	-	-	-
4-Methylphenol	500	ND (0.34)	ND (0.35)	-	-	-	-	-	-	-	ND (0.35)	ND (0.35)	-	-	-	-	-	-	-
4-Nitroaniline	NA	ND (0.34)	ND (0.35)	-	-	-	-	-	-	-	ND (0.35)	ND (0.35)	-	-	-	-	-	-	-
4-Nitrophenol	NA	ND (0.68)	ND (0.71)	-	-	-	-	-	-	-	ND (0.72)	ND (0.71)	-	-	-	-	-	-	-
Acenaphthene	500	ND (0.34)	ND (0.35)	-	-	-	-	-	-	-	ND (0.35)	ND (0.35)	-	-	-	-	-	-	-
Acenaphthylene	500	ND (0.34)	ND (0.35)	-	-	-	-	-	-	-	ND (0.35)	ND (0.35)	-	-	-	-	-	-	-
Acetophenone	NA	ND (0.34)	ND (0.35)	-	-	-	-	-	-	-	ND (0.35)	ND (0.35)	-	-	-	-	-	-	-
Anthracene	500	ND (0.34)	ND (0.35)	-	-	-	-	-	-	-	ND (0.35)	ND (0.35)	-	-	-	-	-	-	-
Atrazine	NA	ND (0.14)	ND (0.14)	-	-	-	-	-	-	-	ND (0.14)	ND (0.14)	-	-	-	-	-	-	-
Benzaldehyde	NA	ND (0.34)	ND (0.35)	-	-	-	-	-	-	-	ND (0.35)	ND (0.35)	-	-	-	-	-	-	-
Benzo(a)anthracene	5.6	ND (0.034)	ND (0.035)	-	-	-	-	-	-	-	ND (0.035)	ND (0.035)	-	-	-	-	-	-	-
Benzo(a)pyrene	1	ND (0.034)	ND (0.035)	-	-	-	-	-	-	-	ND (0.035)	ND (0.035)	-	-	-	-	-	-	-
Benzo(b)fluoranthene	5.6	ND (0.034)	ND (0.035)	-	-	-	-	-	-	-	ND (0.035)	ND (0.035)	-	-	-	-	-	-	-
Benzo(g,h,i)perylene	500	ND (0.34)	ND (0.35)	-	-	-	-	-	-	-	ND (0.35)	ND (0.35)	-	-	-	-	-	-	-
Benzo(k)fluoranthene	56	ND (0.034)	ND (0.035)	-	-	-	-	-	-	-	ND (0.035)	ND (0.035)	-	-	-	-	-	-	-
Biphenyl	NA	ND (0.34)	ND (0.35)	-	-	-	-	-	-	-	ND (0.35)	ND (0.35)	-	-	-	-	-	-	-
bis(2-Chloroethoxy)methane	NA	ND (0.34)	ND (0.35)	-	-	-	-	-	-	-	ND (0.35)	ND (0.35)	-	-	-	-	-	-	-
bis(2-Chloroethyl)ether	NA	ND (0.034)	ND (0.035)	-	-	-	-	-	-	-	ND (0.035)	ND (0.035)	-	-	-	-	-	-	-
bis(2-Ethylhexyl)phthalate	NA	ND (0.34)	ND (0.35)	-	-	-	-	-	-	-	ND (0.35)	ND (0.35)	-	-	-	-	-	-	-
Butyl benzylphthalate (BBP)	NA	ND (0.34)	ND (0.35)	-	-	-	-	-	-	-	ND (0.35)	ND (0.35)	-	-	-	-	-	-	-
Caprolactam	NA	ND (0.34)	ND (0.35)	-	-	-	-	-	-	-	ND (0.35)	ND (0.35)	-	-	-	-	-	-	-
Carbazole	NA	ND (0.34)	ND (0.35)	-	-	-	-	-	-	-	ND (0.35)	ND (0.35)	-	-	-	-	-	-	-
Chrysene	56	ND (0.34)	ND (0.35)	-	-	-	-	-	-	-	ND (0.35)	ND (0.35)	-	-	-	-	-	-	-
Dibenz(a,h)anthracene	0.56	ND (0.034)	ND (0.035)	-	-	-	-	-	-	-	ND (0.035)	ND (0.035)	-	-	-	-	-	-	-
Dibenzofuran	350	ND (0.34)	ND (0.35)	-	-	-	-	-	-	-	ND (0.35)	ND (0.35)	-	-	-	-	-	-	-
Diethyl phthalate	NA	ND (0.34)	ND (0.35)	-	-	-	-	-	-	-	ND (0.35)	ND (0.35)	-	-	-	-	-	-	-
Dimethyl phthalate	NA	ND (0.34)	ND (0.35)	-	-	-	-	-	-	-	ND (0.35)	ND (0.35)	-	-	-	-	-	-	-
Di-n-butylphthalate (DBP)	NA	ND (0.34)	ND (0.35)	-	-	-	-	-	-	-	ND (0.35)	ND (0.35)	-	-	-	-	-	-	-
Di-n-octyl phthalate (DnOP)	NA	ND (0.34)	ND (0.35)	-	-	-	-	-	-	-	ND (0.35)	ND (0.35)	-	-	-	-	-	-	-
Fluoranthene	500	ND (0.34)	ND (0.35)	-	-	-	-	-	-	-	ND (0.35)	ND (0.35)	-	-	-	-	-	-	-
Fluorene	500	ND (0.34)	ND (0.35)	-	-	-	-	-	-	-	ND (0.35)	ND (0.35)	-	-	-	-	-	-	-
Hexachlorobenzene	6	ND (0.034)	ND (0.035)	-	-	-	-	-	-	-	ND (0.035)	ND (0.035)	-	-	-	-	-	-	-
Hexachlorobutadiene	NA	ND (0.068)	ND (0.071)	-	-	-	-	-	-	-	ND (0.072)	ND (0.071)	-	-	-	-	-	-	-
Hexachlorocyclopentadiene	NA	ND (0.34)	ND (0.35)	-	-	-	-	-	-	-	ND (0.35)	ND (0.35)	-	-	-	-	-	-	-
Hexachloroethane	NA	ND (0.034)	ND (0.035)	-	-	-	-	-	-	-	ND (0.035)	ND (0.035)	-	-	-	-	-	-	-
Indeno(1,2,3-cd)pyrene	5.6	ND (0.034)	ND (0.035)	-	-	-	-	-	-	-	ND (0.035)	ND (0.035)	-	-	-	-	-	-	-
Isophorone	NA	ND (0.14)	ND (0.14)	-	-	-	-	-	-	-	ND (0.14)	ND (0.14)	-	-	-	-	-	-	-
Naphthalene	500	ND (0.34)	ND (0.35)	-	-	-	-	-	-	-	ND (0.35)	ND (0.35)	-	-	-	-	-	-	-
Nitrobenzene	NA	ND (0.034)	ND (0.035)	-	-	-	-	-	-	-	ND (0.035)	ND (0.035)	-	-	-	-	-	-	-
N-Nitrosodi-n-propylamine	NA	ND (0.034)	ND (0.035)	-	-	-	-	-	-	-	ND (0.035)	ND (0.035)	-	-	-	-	-	-	-
N-Nitrosodiphenylamine	NA	ND (0.34)	ND (0.35)	-	-	-	-	-	-	-	ND (0.35)	ND (0.35)	-	-	-	-	-	-	-
Pentachlorophenol	6.7	ND (0.27)	ND (0.28)	-	-	-	-	-	-	-	ND (0.29)	ND (0.28)	-	-	-	-	-	-	-
Phenanthrene	500	ND (0.34)	ND (0.35)	-	-	-	-	-	-	-	ND (0.35)	ND (0.35)	-	-	-	-	-	-	-
Phenol	500	ND (0.34)	ND (0.35)	-	-	-	-	-	-	-	ND (0.35)	ND (0.35)	-	-	-	-	-	-	-
Pyrene	500	ND (0.34)	ND (0.35)	-	-	-	-	-	-	-	ND (0.35)	ND (0.35)	-	-	-	-	-	-	-

TABLE 1
SUMMARY OF SOIL QUALITY DATA - BERM 1
FORMER PORT MOBIL TERMINAL
STATEN ISLAND, NEW YORK
FILE NO. 0208998

	Criteria																		
Location Name	NY Part 375	1A	1A	1A1	1A1	1A1	1A2	1A2	1A3	1A3	1B	1B	1B1	1B1	1B1	1B2	1B2	1B3	1B3
Sample Name	Commercial	1A_0-7	1A_7-14	1A1_1-2	1A1_6-7	1A1_12-13	1A2_3-4	1A2_8-9	1A3_4-5	1A3_10-11	1B_0-7	1B_7-14	1B1_1-2	1B1_6-7	1B1_10-11	1B2_3-4	1B2_8-9	1B3_4-5	1B3_9-10
Sample Date	Use	10/03/2025	10/03/2025	10/03/2025	10/03/2025	10/03/2025	10/03/2025	10/03/2025	10/03/2025	10/03/2025	10/03/2025	10/03/2025	10/03/2025	10/03/2025	10/03/2025	10/03/2025	10/03/2025	10/03/2025	10/03/2025
Lab Sample ID	Soil Cleanup	460-336467-5	460-336467-6	460-336467-35	460-336467-38	460-336467-41	460-336467-36	460-336467-39	460-336467-37	460-336467-40	460-336467-7	460-336467-8	460-336467-42	460-336467-45	460-336467-48	460-336467-43	460-336467-46	460-336467-44	460-336467-47
Sample Depth (bgs)	Objectives	0 - 7 (ft)	7 - 14 (ft)	1 - 2 (ft)	6 - 7 (ft)	12 - 13 (ft)	3 - 4 (ft)	8 - 9 (ft)	4 - 5 (ft)	10 - 11 (ft)	0 - 7 (ft)	7 - 14 (ft)	1 - 2 (ft)	6 - 7 (ft)	10 - 11 (ft)	3 - 4 (ft)	8 - 9 (ft)	4 - 5 (ft)	9 - 10 (ft)
PFAS (mg/kg)																			
11-Chloroeicosafluoro-3-Oxaundecane-1-Sulfonic Acid (11Cl-PF3OUdS)	NA	ND (0.0002)	ND (0.0002)	-	-	-	-	-	-	-	ND (0.0002)	ND (0.00019)	-	-	-	-	-	-	-
2H,2H,3H,3H-Perfluorooctanoic acid (5:3 FTCA)	NA	ND (0.00099)	ND (0.00099)	-	-	-	-	-	-	-	ND (0.00098)	ND (0.00096)	-	-	-	-	-	-	-
3-(Perfluoroheptyl)propanoic acid (7:3 FTCA)	NA	ND (0.00099)	ND (0.00099)	-	-	-	-	-	-	-	ND (0.00098)	ND (0.00096)	-	-	-	-	-	-	-
3:3 Fluorotelomer carboxylic acid (3:3 FTCA)	NA	ND (0.00039)	ND (0.0004)	-	-	-	-	-	-	-	ND (0.00039)	ND (0.00038)	-	-	-	-	-	-	-
4,8-Dioxa-3H-Perfluorononanoic Acid (ADONA)	NA	ND (0.0002)	ND (0.0002)	-	-	-	-	-	-	-	ND (0.0002)	ND (0.00019)	-	-	-	-	-	-	-
4:2 Fluorotelomer sulfonic acid (4:2 FTS)	NA	ND (0.00039)	ND (0.0004)	-	-	-	-	-	-	-	ND (0.00039)	ND (0.00038)	-	-	-	-	-	-	-
6:2 Fluorotelomer sulfonic acid (6:2 FTS)	NA	ND (0.00039)	ND (0.0004)	-	-	-	-	-	-	-	ND (0.00039)	ND (0.00038)	-	-	-	-	-	-	-
8:2 Fluorotelomer sulfonic acid (8:2 FTS)	NA	ND (0.00039)	ND (0.0004)	-	-	-	-	-	-	-	ND (0.00039)	ND (0.00038)	-	-	-	-	-	-	-
9-Chlorohexadecafluoro-3-Oxanone-1-Sulfonic Acid (9Cl-PF3ONS)	NA	ND (0.0002)	ND (0.0002)	-	-	-	-	-	-	-	ND (0.0002)	ND (0.00019)	-	-	-	-	-	-	-
N-Ethyl Perfluorooctanesulfonamidoacetic Acid (NEtFOSAA)	NA	ND (0.0002)	ND (0.0002)	-	-	-	-	-	-	-	ND (0.0002)	ND (0.00019)	-	-	-	-	-	-	-
N-Ethylperfluorooctane sulfonamide (N-EtFOSA)	NA	ND (0.0002)	ND (0.0002)	-	-	-	-	-	-	-	ND (0.0002)	ND (0.00019)	-	-	-	-	-	-	-
N-Ethylperfluorooctane sulfonamidoethanol (N-EtFOSE)	NA	ND (0.00099)	ND (0.00099)	-	-	-	-	-	-	-	ND (0.00098)	ND (0.00096)	-	-	-	-	-	-	-
N-Methyl Perfluorooctanesulfonamidoacetic Acid (NMeFOSAA)	NA	ND (0.0002)	ND (0.0002)	-	-	-	-	-	-	-	ND (0.0002)	ND (0.00019)	-	-	-	-	-	-	-
N-Methylperfluorooctane sulfonamide (N-MeFOSA)	NA	ND (0.0002)	ND (0.0002)	-	-	-	-	-	-	-	ND (0.0002)	ND (0.00019)	-	-	-	-	-	-	-
N-Methylperfluorooctane sulfonamidoethanol (N-MeFOSE)	NA	ND (0.00099)	ND (0.00099)	-	-	-	-	-	-	-	ND (0.00098)	ND (0.00096)	-	-	-	-	-	-	-
Nonafluoro-3,6-dioxaheptanoic acid (NFDHA)	NA	ND (0.0002)	ND (0.0002)	-	-	-	-	-	-	-	ND (0.0002)	ND (0.00019)	-	-	-	-	-	-	-
Perfluoro(2-ethoxyethane) sulphonic acid (PFEESA)	NA	ND (0.0002)	ND (0.0002)	-	-	-	-	-	-	-	ND (0.0002)	ND (0.00019)	-	-	-	-	-	-	-
Perfluoro(4-methoxybutanoic) acid (PFMBA)	NA	ND (0.0002)	ND (0.0002)	-	-	-	-	-	-	-	ND (0.0002)	ND (0.00019)	-	-	-	-	-	-	-
Perfluoro-2-propoxypropanoic acid (PFPrOPrA)(GenX) (HFPO-DA)	NA	ND (0.0002)	ND (0.0002)	-	-	-	-	-	-	-	ND (0.0002)	ND (0.00019)	-	-	-	-	-	-	-
Perfluoro-3-methoxypropanoic acid (PFMPA)	NA	ND (0.0002)	ND (0.0002)	-	-	-	-	-	-	-	ND (0.0002)	ND (0.00019)	-	-	-	-	-	-	-
Perfluorobutanesulfonic acid (PFBS)	NA	ND (0.0002)	ND (0.0002)	-	-	-	-	-	-	-	ND (0.0002)	ND (0.00019)	-	-	-	-	-	-	-
Perfluorobutanoic acid (PFBA)	NA	ND (0.00039)	ND (0.0004)	-	-	-	-	-	-	-	ND (0.00039)	ND (0.00038)	-	-	-	-	-	-	-
Perfluorodecanesulfonic acid (PFDS)	NA	ND (0.0002)	ND (0.0002)	-	-	-	-	-	-	-	ND (0.0002)	ND (0.00019)	-	-	-	-	-	-	-
Perfluorodecanoic acid (PFDA)	NA	0.00007 J	0.000084 J	-	-	-	-	-	-	-	ND (0.0002)	ND (0.00019)	-	-	-	-	-	-	-
Perfluorododecane sulfonic acid (PFDoDS)	NA	ND (0.0002)	ND (0.0002)	-	-	-	-	-	-	-	ND (0.0002)	ND (0.00019)	-	-	-	-	-	-	-
Perfluorododecanoic acid (PFDoDA)	NA	ND (0.0002)	ND (0.0002)	-	-	-	-	-	-	-	ND (0.0002)	ND (0.00019)	-	-	-	-	-	-	-
Perfluoroheptanesulfonic acid (PFHpS)	NA	ND (0.0002)	ND (0.0002)	-	-	-	-	-	-	-	ND (0.0002)	ND (0.00019)	-	-	-	-	-	-	-
Perfluoroheptanoic acid (PFHpA)	NA	ND (0.0002)	ND (0.0002)	-	-	-	-	-	-	-	ND (0.0002)	ND (0.00019)	-	-	-	-	-	-	-
Perfluorohexanesulfonic acid (PFHxS)	NA	ND (0.0002)	ND (0.0002)	-	-	-	-	-	-	-	ND (0.0002)	ND (0.00019)	-	-	-	-	-	-	-
Perfluorohexanoic acid (PFHxA)	NA	ND (0.0002)	ND (0.0002)	-	-	-	-	-	-	-	ND (0.0002)	ND (0.00019)	-	-	-	-	-	-	-
Perfluorononane sulfonic acid (PFNS)	NA	ND (0.0002)	ND (0.0002)	-	-	-	-	-	-	-	ND (0.0002)	ND (0.00019)	-	-	-	-	-	-	-
Perfluorononanoic acid (PFNA)	NA	ND (0.0002)	ND (0.0002)	-	-	-	-	-	-	-	ND (0.00012)	ND (0.00019)	-	-	-	-	-	-	-
Perfluorooctane sulfonamide (PFOSA)	NA	ND (0.0002)	ND (0.0002)	-	-	-	-	-	-	-	ND (0.0002)	ND (0.00019)	-	-	-	-	-	-	-
Perfluorooctanesulfonic acid (PFOS)	0.44	ND (0.0002)	ND (0.0002)	-	-	-	-	-	-	-	ND (0.0002)	ND (0.00019)	-	-	-	-	-	-	-
Perfluorooctanoic acid (PFOA)	0.5	0.000064 J	ND (0.0002)	-	-	-	-	-	-	-	0.00012 J	ND (0.00019)	-	-	-	-	-	-	-
Perfluoropentanesulfonic acid (PFPeS)	NA	ND (0.0002)	ND (0.0002)	-	-	-	-	-	-	-	ND (0.0002)	ND (0.00019)	-	-	-	-	-	-	-
Perfluoropentanoic acid (PFPeA)	NA	ND (0.0002)	ND (0.0002)	-	-	-	-	-	-	-	ND (0.0002)	ND (0.00019)	-	-	-	-	-	-	-
Perfluorotetradecanoic acid (PFTeDA)	NA	ND (0.0002)	ND (0.0002)	-	-	-	-	-	-	-	ND (0.0002)	ND (0.00019)	-	-	-	-	-	-	-
Perfluorotridecanoic acid (PFTrDA)	NA	0.00024	0.00016 J	-	-	-	-	-	-	-	ND (0.0002)	0.000099 J	-	-	-	-	-	-	-
Perfluoroundecanoic acid (PFUnDA)	NA	0.00022	0.00023	-	-	-	-	-	-	-	ND (0.0002)	0.00114	-	-	-	-	-	-	-
Pesticides (mg/kg)																			
4,4'-DDD	92	ND (0.0068)	ND (0.0071)	-	-	-	-	-	-	-	ND (0.0072)	ND (0.0071)	-	-	-	-	-	-	-
4,4'-DDE	62	ND (0.0068)	ND (0.0071)	-	-	-	-	-	-	-	ND (0.0072)	ND (0.0071)	-	-	-	-	-	-	-
4,4'-DDT	47	ND (0.0068)	ND (0.0071)	-	-	-	-	-	-	-	ND (0.0072)	ND (0.0071)	-	-	-	-	-	-	-
Aldrin	0.68	ND (0.0068)	ND (0.0071)	-	-	-	-	-	-	-	ND (0.0072)	ND (0.0071)	-	-	-	-	-	-	-
alpha-BHC	3.4	ND (0.002)	ND (0.0021)	-	-	-	-	-	-	-	ND (0.0021)	ND (0.0021)	-	-	-	-	-	-	-
alpha-Chlordane (cis)	24	ND (0.0068)	ND (0.0071)	-	-	-	-	-	-	-	ND (0.0072)	ND (0.0071)	-	-	-	-	-	-	-
beta-BHC	3	ND (0.002)	ND (0.0021)	-	-	-	-	-	-	-	ND (0.0021)	ND (0.0021)	-	-	-	-	-	-	-
Chlordane	NA	ND (0.068)	ND (0.071)	-	-	-	-	-	-	-	ND (0.072)	ND (0.071)	-	-	-	-	-	-	-
delta-BHC	500	ND (0.002)	ND (0.0021)	-	-	-	-	-	-	-	ND (0.0021)	ND (0.0021)	-	-	-	-	-	-	-
Dieldrin	1.4	ND (0.002)	ND (0.0021)	-	-	-	-	-	-	-	ND (0.0021)	ND (0.0021)	-	-	-	-	-	-	-
Endosulfan I	200	ND (0.0068)	ND (0.0071)	-	-	-	-	-	-	-	ND (0.0072)	ND (0.0071)	-	-	-	-	-	-	-
Endosulfan II	200	ND (0.0068)	ND (0.0071)	-	-	-	-	-	-	-	ND (0.0072)	ND (0.0071)	-	-	-	-	-	-	-
Endosulfan sulfate	200	ND (0.0068)	ND (0.0071)	-	-	-	-	-	-	-	ND (0.0072)	ND (0.0071)	-	-	-	-	-	-	-
Endrin	89	ND (0.0068)	ND (0.0071)	-	-	-	-	-	-	-	ND (0.0072)	ND (0.0071)	-	-	-	-	-	-	-
Endrin aldehyde	NA	ND (0.0068)	ND (0.0071)	-	-	-	-	-	-	-	ND (0.0072)	ND (0.0071)	-	-	-	-	-	-	-
Endrin ketone	NA	ND (0.0068)	ND (0.0071)	-	-	-	-	-	-	-	ND (0.0072)	ND (0.0071)	-	-	-	-	-	-	-
gamma-BHC (Lindane)	9.2	ND (0.002)	ND (0.0021)	-	-	-	-	-	-	-	ND (0.0021)	ND (0.0021)	-	-	-	-	-	-	-
Heptachlor	15	ND (0.0068)	ND (0.0071)	-	-	-	-	-	-	-	ND (0.0072)	ND (0.0071)	-	-	-	-	-	-	-
Heptachlor epoxide	NA	ND (0.0068)	ND (0.0071)	-	-	-	-	-	-	-	ND (0.0072)	ND (0.0071)	-	-	-	-	-	-	-
Methoxychlor	NA	ND (0.0068)	ND (0.0071)	-	-	-	-	-	-	-	ND (0.0072)	ND (0.0071)	-	-	-	-	-	-	-
Toxaphene	NA	ND (0.068)	ND (0.071)	-	-	-	-	-	-	-	ND (0.072)	ND (0.071)	-	-	-	-	-	-	-

TABLE 1
SUMMARY OF SOIL QUALITY DATA - BERM 1
FORMER PORT MOBIL TERMINAL
STATEN ISLAND, NEW YORK
FILE NO. 0208998

	Criteria																		
Location Name	NY Part 375	1A	1A	1A1	1A1	1A1	1A2	1A2	1A3	1A3	1B	1B	1B1	1B1	1B1	1B2	1B2	1B3	1B3
Sample Name	Commercial	1A_0-7	1A_7-14	1A1_1-2	1A1_6-7	1A1_12-13	1A2_3-4	1A2_8-9	1A3_4-5	1A3_10-11	1B_0-7	1B_7-14	1B1_1-2	1B1_6-7	1B1_10-11	1B2_3-4	1B2_8-9	1B3_4-5	1B3_9-10
Sample Date	Use	10/03/2025	10/03/2025	10/03/2025	10/03/2025	10/03/2025	10/03/2025	10/03/2025	10/03/2025	10/03/2025	10/03/2025	10/03/2025	10/03/2025	10/03/2025	10/03/2025	10/03/2025	10/03/2025	10/03/2025	10/03/2025
Lab Sample ID	Soil Cleanup	460-336467-5	460-336467-6	460-336467-35	460-336467-38	460-336467-41	460-336467-36	460-336467-39	460-336467-37	460-336467-40	460-336467-7	460-336467-8	460-336467-42	460-336467-45	460-336467-48	460-336467-43	460-336467-46	460-336467-44	460-336467-47
Sample Depth (bgs)	Objectives	0 - 7 (ft)	7 - 14 (ft)	1 - 2 (ft)	6 - 7 (ft)	12 - 13 (ft)	3 - 4 (ft)	8 - 9 (ft)	4 - 5 (ft)	10 - 11 (ft)	0 - 7 (ft)	7 - 14 (ft)	1 - 2 (ft)	6 - 7 (ft)	10 - 11 (ft)	3 - 4 (ft)	8 - 9 (ft)	4 - 5 (ft)	9 - 10 (ft)
Polychlorinated Biphenyls (mg/kg)																			
Aroclor-1016 (PCB-1016)	NA	ND (0.068)	ND (0.071)	-	-	-	-	-	-	-	ND (0.072)	ND (0.071)	-	-	-	-	-	-	-
Aroclor-1221 (PCB-1221)	NA	ND (0.068)	ND (0.071)	-	-	-	-	-	-	-	ND (0.072)	ND (0.071)	-	-	-	-	-	-	-
Aroclor-1232 (PCB-1232)	NA	ND (0.068)	ND (0.071)	-	-	-	-	-	-	-	ND (0.072)	ND (0.071)	-	-	-	-	-	-	-
Aroclor-1242 (PCB-1242)	NA	ND (0.068)	ND (0.071)	-	-	-	-	-	-	-	ND (0.072)	ND (0.071)	-	-	-	-	-	-	-
Aroclor-1248 (PCB-1248)	NA	ND (0.068)	ND (0.071)	-	-	-	-	-	-	-	ND (0.072)	ND (0.071)	-	-	-	-	-	-	-
Aroclor-1254 (PCB-1254)	NA	ND (0.068)	ND (0.071)	-	-	-	-	-	-	-	ND (0.072)	ND (0.071)	-	-	-	-	-	-	-
Aroclor-1260 (PCB-1260)	NA	ND (0.068)	ND (0.071)	-	-	-	-	-	-	-	ND (0.072)	ND (0.071)	-	-	-	-	-	-	-
Aroclor-1262 (PCB-1262)	NA	ND (0.068)	ND (0.071)	-	-	-	-	-	-	-	ND (0.072)	ND (0.071)	-	-	-	-	-	-	-
Aroclor-1268 (PCB-1268)	NA	ND (0.068)	ND (0.071)	-	-	-	-	-	-	-	ND (0.072)	ND (0.071)	-	-	-	-	-	-	-
Total PCBs	1	ND (0.068)	ND (0.071)	-	-	-	-	-	-	-	ND (0.072)	ND (0.071)	-	-	-	-	-	-	-
Inorganic Compounds (mg/kg)																			
Aluminum	NA	5040	3160	-	-	-	-	-	-	-	8980	3890	-	-	-	-	-	-	-
Antimony	NA	0.59 J	0.48 J	-	-	-	-	-	-	-	0.36 J	0.85 J	-	-	-	-	-	-	-
Arsenic	16	7.4	5.8	-	-	-	-	-	-	-	5.4	8.1	-	-	-	-	-	-	-
Barium	400	33.5	28.4	-	-	-	-	-	-	-	43.7	27.4	-	-	-	-	-	-	-
Beryllium	590	0.47	0.33 J	-	-	-	-	-	-	-	0.48	0.34 J	-	-	-	-	-	-	-
Cadmium	9.3	0.2 J	0.12 J	-	-	-	-	-	-	-	ND (1)	ND (0.95)	-	-	-	-	-	-	-
Calcium	NA	2280	3000	-	-	-	-	-	-	-	724	478	-	-	-	-	-	-	-
Chromium	NA	16	7.5	-	-	-	-	-	-	-	14	9.4	-	-	-	-	-	-	-
Cobalt	NA	4.6	3	-	-	-	-	-	-	-	6.4	3.9	-	-	-	-	-	-	-
Copper	270	37.1	27.5	-	-	-	-	-	-	-	25.1	27	-	-	-	-	-	-	-
Iron	NA	17400	10800	-	-	-	-	-	-	-	16200	12500	-	-	-	-	-	-	-
Lead	1000	54.3	31.4	-	-	-	-	-	-	-	18.8	32.3	-	-	-	-	-	-	-
Magnesium	NA	2300	2180	-	-	-	-	-	-	-	2540	1040	-	-	-	-	-	-	-
Manganese	10000	221	218	-	-	-	-	-	-	-	221	171	-	-	-	-	-	-	-
Mercury	2.8	0.034	0.028	-	-	-	-	-	-	-	0.027	0.026	-	-	-	-	-	-	-
Nickel	310	9.5	5.3	-	-	-	-	-	-	-	12.5	6.3	-	-	-	-	-	-	-
Potassium	NA	577	397	-	-	-	-	-	-	-	923	569	-	-	-	-	-	-	-
Selenium	1500	0.42 J	0.2 J	-	-	-	-	-	-	-	0.26 J	0.37 J	-	-	-	-	-	-	-
Silver	1500	0.23 J	0.15 J	-	-	-	-	-	-	-	ND (0.4)	0.17 J	-	-	-	-	-	-	-
Sodium	NA	60 J	ND (97.2)	-	-	-	-	-	-	-	70.4 J	ND (95.3)	-	-	-	-	-	-	-
Thallium	NA	0.08 J	0.055 J	-	-	-	-	-	-	-	0.11 J	0.047 J	-	-	-	-	-	-	-
Vanadium	NA	19.6	13.4	-	-	-	-	-	-	-	22.1	16.6	-	-	-	-	-	-	-
Zinc	10000	41.5	26.2	-	-	-	-	-	-	-	37.7	30.3	-	-	-	-	-	-	-

ABBREVIATIONS AND NOTES:

mg/kg: milligram per kilogram

**: LCS or LCSD is outside acceptance limits.*
-: Not Analyzed
B: Compound was found in the blank and the associated sample.
bgs: below ground surface
ft: feet
J: Value is estimated.
NA: Not Applicable
ND (2.5): Not detected, number in parentheses is the laboratory reporting limit

- For test methods used, see the laboratory data sheets.
- Soil analytical results are compared to the New York State Department of Environmental Conservation (NYSDEC) Title 6 of the Official Compilation of New York Codes, Rules, and Regulations (NYCRR) Part 375 Commercial Use Soil Cleanup Objectives (SCO).
- Grey shading indicates an exceedance of the Commercial Use Soil Cleanup Objectives.

TABLE 1
SUMMARY OF SOIL QUALITY DATA - BERM 1
FORMER PORT MOBIL TERMINAL
STATEN ISLAND, NEW YORK
FILE NO. 0208998

	Criteria																		
Location Name	NY Part 375	1C	1C	1C1	1C1	1C1	1C2	1C2	1C3	1C3	1D	1D	1D1	1D1	1D1	1D2	1D2	1D3	1D3
Sample Name	Commercial	1C_0-7	1C_7-14	1C1_2-3	1C1_6-7	1C1_11-12	1C2_3-4	1C2_8-9	1C3_5-6	1C3_10-11	1D_0-7	1D_7-14	1D1_1-2	1D1_6-7	1D1_13-14	1D2_2-3	1D2_7-8	1D3_4-5	1D3_9-10
Sample Date	Use	10/03/2025	10/03/2025	10/03/2025	10/03/2025	10/03/2025	10/03/2025	10/03/2025	10/03/2025	10/03/2025	10/03/2025	10/03/2025	10/03/2025	10/03/2025	10/03/2025	10/03/2025	10/03/2025	10/03/2025	10/03/2025
Lab Sample ID	Soil Cleanup	460-336467-9	460-336467-10	460-336467-49	460-336467-52	460-336467-55	460-336467-50	460-336467-53	460-336467-51	460-336467-54	460-336467-11	460-336467-12	460-336467-56	460-336467-59	460-336467-62	460-336467-57	460-336467-60	460-336467-58	460-336467-61
Sample Depth (bgs)	Objectives	0 - 7 (ft)	7 - 14 (ft)	2 - 3 (ft)	6 - 7 (ft)	11 - 12 (ft)	3 - 4 (ft)	8 - 9 (ft)	5 - 6 (ft)	10 - 11 (ft)	0 - 7 (ft)	7 - 14 (ft)	1 - 2 (ft)	6 - 7 (ft)	13 - 14 (ft)	2 - 3 (ft)	7 - 8 (ft)	4 - 5 (ft)	9 - 10 (ft)
Volatile Organic Compounds (mg/kg)																			
1,1,1-Trichloroethane	500	-	-	ND (0.0013)	ND (0.00085)	ND (0.00079)	ND (0.00091)	ND (0.0012)	ND (0.0024)	ND (0.0017)	-	-	ND (0.00098)	ND (0.0011)	ND (0.001)	ND (0.0014)	ND (0.00098)	ND (0.0012)	ND (0.001)
1,1,2,2-Tetrachloroethane	NA	-	-	ND (0.0013)	ND (0.00085)	ND (0.00079)	ND (0.00091)	ND (0.0012)	ND (0.0024)	ND (0.0017)	-	-	ND (0.00098)	ND (0.0011)	ND (0.001)	ND (0.0014)	ND (0.00098)	ND (0.0012)	ND (0.001)
1,1,2-Trichloroethane	NA	-	-	ND (0.0013)	ND (0.00085)	ND (0.00079)	ND (0.00091)	ND (0.0012)	ND (0.0024)	ND (0.0017)	-	-	ND (0.00098)	ND (0.0011)	ND (0.001)	ND (0.0014)	ND (0.00098)	ND (0.0012)	ND (0.001)
1,1-Dichloroethane	240	-	-	ND (0.0013)	ND (0.00085)	ND (0.00079)	ND (0.00091)	ND (0.0012)	ND (0.0024)	ND (0.0017)	-	-	ND (0.00098)	ND (0.0011)	ND (0.001)	ND (0.0014)	ND (0.00098)	ND (0.0012)	ND (0.001)
1,1-Dichloroethene	500	-	-	ND (0.0013)	ND (0.00085)	ND (0.00079)	ND (0.00091)	ND (0.0012)	ND (0.0024)	ND (0.0017)	-	-	ND (0.00098)	ND (0.0011)	ND (0.001)	ND (0.0014)	ND (0.00098)	ND (0.0012)	ND (0.001)
1,2,3-Trichlorobenzene	NA	-	-	ND (0.0013)	ND (0.00085)	ND (0.00079)	ND (0.00091)	ND (0.0012)	ND (0.0024)	ND (0.0017)	-	-	ND (0.00098)	ND (0.0011)	ND (0.001)	ND (0.0014)	ND (0.00098)	ND (0.0012)	ND (0.001)
1,2,4-Trichlorobenzene	NA	-	-	ND (0.0013)	ND (0.00085)	ND (0.00079)	ND (0.00091)	ND (0.0012)	ND (0.0024)	ND (0.0017)	-	-	ND (0.00098)	ND (0.0011)	ND (0.001)	ND (0.0014)	ND (0.00098)	ND (0.0012)	ND (0.001)
1,2,4-Trimethylbenzene	190	-	-	ND (0.0013)	ND (0.00085)	ND (0.00079)	ND (0.00091)	ND (0.0012)	ND (0.0024)	ND (0.0017)	-	-	ND (0.00098)	ND (0.0011)	ND (0.001)	ND (0.0014)	ND (0.00098)	ND (0.0012)	ND (0.001)
1,2-Dibromo-3-chloropropane (DBCP)	NA	-	-	ND (0.0013)	ND (0.00085)	ND (0.00079)	ND (0.00091)	ND (0.0012)	ND (0.0024)	ND (0.0017)	-	-	ND (0.00098)	ND (0.0011)	ND (0.001)	ND (0.0014)	ND (0.00098)	ND (0.0012)	ND (0.001)
1,2-Dibromoethane (Ethylene Dibromide)	NA	-	-	ND (0.0013)	ND (0.00085)	ND (0.00079)	ND (0.00091)	ND (0.0012)	ND (0.0024)	ND (0.0017)	-	-	ND (0.00098)	ND (0.0011)	ND (0.001)	ND (0.0014)	ND (0.00098)	ND (0.0012)	ND (0.001)
1,2-Dichlorobenzene	500	-	-	ND (0.0013)	ND (0.00085)	ND (0.00079)	ND (0.00091)	ND (0.0012)	ND (0.0024)	ND (0.0017)	-	-	ND (0.00098)	ND (0.0011)	ND (0.001)	ND (0.0014)	ND (0.00098)	ND (0.0012)	ND (0.001)
1,2-Dichloroethane	30	-	-	ND (0.0013)	ND (0.00085)	ND (0.00079)	ND (0.00091)	ND (0.0012)	ND (0.0024)	ND (0.0017)	-	-	ND (0.00098)	ND (0.0011)	ND (0.001)	ND (0.0014)	ND (0.00098)	ND (0.0012)	ND (0.001)
1,2-Dichloropropane	NA	-	-	ND (0.0013)	ND (0.00085)	ND (0.00079)	ND (0.00091)	ND (0.0012)	ND (0.0024)	ND (0.0017)	-	-	ND (0.00098)	ND (0.0011)	ND (0.001)	ND (0.0014)	ND (0.00098)	ND (0.0012)	ND (0.001)
1,3,5-Trimethylbenzene	190	-	-	ND (0.0013)	ND (0.00085)	ND (0.00079)	ND (0.00091)	ND (0.0012)	ND (0.0024)	ND (0.0017)	-	-	ND (0.00098)	ND (0.0011)	ND (0.001)	ND (0.0014)	ND (0.00098)	ND (0.0012)	ND (0.001)
1,3-Dichlorobenzene	280	-	-	ND (0.0013)	ND (0.00085)	ND (0.00079)	ND (0.00091)	ND (0.0012)	ND (0.0024)	ND (0.0017)	-	-	ND (0.00098)	ND (0.0011)	ND (0.001)	ND (0.0014)	ND (0.00098)	ND (0.0012)	ND (0.001)
1,4-Dichlorobenzene	130	-	-	ND (0.0013)	ND (0.00085)	ND (0.00079)	ND (0.00091)	ND (0.0012)	ND (0.0024)	ND (0.0017)	-	-	ND (0.00098)	ND (0.0011)	ND (0.001)	ND (0.0014)	ND (0.00098)	ND (0.0012)	ND (0.001)
2-Butanone (Methyl Ethyl Ketone)	500	-	-	ND (0.0066)	ND (0.0043)	ND (0.004)	ND (0.0045)	ND (0.0062)	0.0055 J	ND (0.0085)	-	-	ND (0.0049)	ND (0.0057)	ND (0.0051)	ND (0.0071)	ND (0.0049)	ND (0.0058)	ND (0.0051)
2-Hexanone (Methyl Butyl Ketone)	NA	-	-	ND (0.0066)	ND (0.0043)	ND (0.004)	ND (0.0045)	ND (0.0062)	ND (0.012)	ND (0.0085)	-	-	ND (0.0049)	ND (0.0057)	ND (0.0051)	ND (0.0071)	ND (0.0049)	ND (0.0058)	ND (0.0051)
2-Phenylbutane (sec-Butylbenzene)	500	-	-	ND (0.0013)	ND (0.00085)	ND (0.00079)	ND (0.00091)	ND (0.0012)	ND (0.0024)	ND (0.0017)	-	-	ND (0.00098)	ND (0.0011)	ND (0.001)	ND (0.0014)	ND (0.00098)	ND (0.0012)	ND (0.001)
4-Methyl-2-Pentanone (Methyl Isobutyl Ketone)	NA	-	-	ND (0.0066)	ND (0.0043)	ND (0.004)	ND (0.0045)	ND (0.0062)	ND (0.012)	ND (0.0085)	-	-	ND (0.0049)	ND (0.0057)	ND (0.0051)	ND (0.0071)	ND (0.0049)	ND (0.0058)	ND (0.0051)
Acetone	500	-	-	0.12	0.096	ND (0.0048)	0.022	0.11	0.31	ND (0.01)	-	-	0.012	ND (0.0068)	0.036	0.053	0.029	ND (0.007)	0.036
Benzene	44	-	-	ND (0.0013)	ND (0.00085)	ND (0.00079)	ND (0.00091)	ND (0.0012)	ND (0.0024)	ND (0.0017)	-	-	ND (0.00098)	ND (0.0011)	ND (0.001)	ND (0.0014)	ND (0.00098)	ND (0.0012)	ND (0.001)
Bromodichloromethane	NA	-	-	ND (0.0013)	ND (0.00085)	ND (0.00079)	ND (0.00091)	ND (0.0012)	ND (0.0024)	ND (0.0017)	-	-	ND (0.00098)	ND (0.0011)	ND (0.001)	ND (0.0014)	ND (0.00098)	ND (0.0012)	ND (0.001)
Bromoform	NA	-	-	ND (0.0013)	ND (0.00085)	ND (0.00079)	ND (0.00091)	ND (0.0012)	ND (0.0024)	ND (0.0017)	-	-	ND (0.00098)	ND (0.0011)	ND (0.001)	ND (0.0014)	ND (0.00098)	ND (0.0012)	ND (0.001)
Bromomethane (Methyl Bromide)	NA	-	-	ND (0.0026)	ND (0.0017)	ND (0.0016)	ND (0.0018)	ND (0.0025)	ND (0.0047)	ND (0.0034)	-	-	ND (0.002)	ND (0.0023)	ND (0.0021)	ND (0.0028)	ND (0.002)	ND (0.0023)	ND (0.002)
Carbon disulfide	NA	-	-	ND (0.0013)	ND (0.00085)	ND (0.00079)	ND (0.00091)	ND (0.0012)	ND (0.0024)	ND (0.0017)	-	-	ND (0.00098)	ND (0.0011)	ND (0.001)	ND (0.0014)	ND (0.00098)	ND (0.0012)	ND (0.001)
Carbon tetrachloride	22	-	-	ND (0.0013)	ND (0.00085)	ND (0.00079)	ND (0.00091)	ND (0.0012)	ND (0.0024)	ND (0.0017)	-	-	ND (0.00098)	ND (0.0011)	ND (0.001)	ND (0.0014)	ND (0.00098)	ND (0.0012)	ND (0.001)
Chlorobenzene	500	-	-	ND (0.0013)	ND (0.00085)	ND (0.00079)	ND (0.00091)	ND (0.0012)	ND (0.0024)	ND (0.0017)	-	-	ND (0.00098)	ND (0.0011)	ND (0.001)	ND (0.0014)	ND (0.00098)	ND (0.0012)	ND (0.001)
Chlorobromomethane	NA	-	-	ND (0.0013)	ND (0.00085)	ND (0.00079)	ND (0.00091)	ND (0.0012)	ND (0.0024)	ND (0.0017)	-	-	ND (0.00098)	ND (0.0011)	ND (0.001)	ND (0.0014)	ND (0.00098)	ND (0.0012)	ND (0.001)
Chloroethane	NA	-	-	ND (0.0013) *	ND (0.00085) *	ND (0.00079)	ND (0.00091) *	ND (0.0012) *	ND (0.0024) *	ND (0.0017)	-	-	ND (0.00098)	ND (0.0011) *	ND (0.001) *	ND (0.0014) *	ND (0.00098)	ND (0.0012) *	ND (0.001) *
Chloroform (Trichloromethane)	350	-	-	ND (0.0013)	ND (0.00085)	ND (0.00079)	ND (0.00091)	ND (0.0012)	ND (0.0024)	ND (0.0017)	-	-	ND (0.00098)	ND (0.0011)	ND (0.001)	ND (0.0014)	ND (0.00098)	ND (0.0012)	ND (0.001)
Chloromethane (Methyl Chloride)	NA	-	-	ND (0.0013)	ND (0.00085)	ND (0.00079)	ND (0.00091)	ND (0.0012)	ND (0.0024)	ND (0.0017)	-	-	ND (0.00098)	ND (0.0011)	ND (0.001)	ND (0.0014)	ND (0.00098)	ND (0.0012)	ND (0.001)
cis-1,2-Dichloroethene	500	-	-	ND (0.0013)	ND (0.00085)	ND (0.00079)	ND (0.00091)	ND (0.0012)	ND (0.0024)	ND (0.0017)	-	-	ND (0.00098)	ND (0.0011)	ND (0.001)	ND (0.0014)	ND (0.00098)	ND (0.0012)	ND (0.001)
cis-1,3-Dichloropropene	NA	-	-	ND (0.0013)	ND (0.00085)	ND (0.00079)	ND (0.00091)	ND (0.0012)	ND (0.0024)	ND (0.0017)	-	-	ND (0.00098)	ND (0.0011)	ND (0.001)	ND (0.0014)	ND (0.00098)	ND (0.0012)	ND (0.001)
Cyclohexane	NA	-	-	ND (0.0013)	ND (0.00085)	ND (0.00079)	ND (0.00091)	ND (0.0012)	ND (0.0024)	ND (0.0017)	-	-	ND (0.00098)	ND (0.0011)	ND (0.001)	ND (0.0014)	ND (0.00098)	ND (0.0012)	ND (0.001)
Dibromochloromethane	NA	-	-	ND (0.0013)	ND (0.00085)	ND (0.00079)	ND (0.00091)	ND (0.0012)	ND (0.0024)	ND (0.0017)	-	-	ND (0.00098)	ND (0.0011)	ND (0.001)	ND (0.0014)	ND (0.00098)	ND (0.0012)	ND (0.001)
Dichlorodifluoromethane (CFC-12)	NA	-	-	ND (0.0013) *	ND (0.00085) *	ND (0.00079)	ND (0.00091) *	ND (0.0012) *	ND (0.0024) *	ND (0.0017)	-	-	ND (0.00098)	ND (0.0011) *	ND (0.001) *	ND (0.0014) *	ND (0.00098)	ND (0.0012) *	ND (0.001) *
Ethylbenzene	390	-	-	ND (0.0013)	ND (0.00085)	ND (0.00079)	ND (0.00091)	ND (0.0012)	ND (0.0024)	ND (0.0017)	-	-	ND (0.00098)	ND (0.0011)	ND (0.001)	ND (0.0014)	ND (0.00098)	ND (0.0012)	ND (0.001)
Isopropylbenzene (Cumene)	NA	-	-	ND (0.0013)	ND (0.00085)	ND (0.00079)	ND (0.00091)	ND (0.0012)	ND (0.0024)	ND (0.0017)	-	-	ND (0.00098)	ND (0.0011)	ND (0.001)	ND (0.0014)	ND (0.00098)	ND (0.0012)	ND (0.001)
m,p-Xylenes	NA	-	-	ND (0.0013)	ND (0.00085)	ND (0.00079)	ND (0.00091)	ND (0.0012)	ND (0.0024)	ND (0.0017)	-	-	ND (0.00098)	ND (0.0011)	ND (0.001)	ND (0.0014)	ND (0.00098)	ND (0.0012)	ND (0.001)
Methyl acetate	NA	-	-	ND (0.0066)	ND (0.0043)	ND (0.004)	ND (0.0045)	ND (0.0062)	ND (0.012)	ND (0.0085)	-	-	ND (0.0049)	ND (0.0057)	ND (0.0051)	ND (0.0071)	ND (0.0049)	ND (0.0058)	ND (0.0051)
Methyl Tert Butyl Ether (MTBE)	500	-	-	ND (0.0013)	ND (0.00085)	ND (0.00079)	ND (0.00091)	ND (0.0012)	ND (0.0024)	ND (0.0017)	-	-	ND (0.00098)	ND (0.0011)	ND (0.001)	ND (0.0014)	ND (0.00098)	ND (0.0012)	ND (0.001)
Methylcyclohexane	NA	-	-	ND (0.0013)	ND (0.00085)	ND (0.00079)	ND (0.00091)	ND (0.0012)	ND (0.0024)	ND (0.0017)	-	-	ND (0.00098)	ND (0.0011)	ND (0.001)	ND (0.0014)	ND (0.00098)	ND (0.0012)	ND (0.001)
Methylene chloride (Dichloromethane)	500	-	-	ND (0.0026)	ND (0.0017)	ND (0.0016)	ND (0.0018)	ND (0.0025)	ND (0.0047)	ND (0.0034)	-	-	ND (0.002)	ND (0.0023)	ND (0.0021)	ND (0.0028)	ND (0.002)	ND (0.0023)	ND (0.002)
n-Butylbenzene	500	-	-	ND (0.0013)	ND (0.00085)	ND (0.00079)	ND (0.00091)	ND (0.0012)	ND (0.0024)	ND (0.0017)	-	-	ND (0.00098)	ND (0.0011)	ND (0.001)	ND (0.0014)	ND (0.00098)	ND (0.0012)	ND (0.001)
n-Propylbenzene	500	-	-	ND (0.0013)	ND (0.00085)	ND (0.00079)	ND (0.00091)	ND (0.0012)	ND (0.0024)	ND (0.0017)	-	-	ND (0.00098)	ND (0.0011)	ND (0.001)	ND (0.0014)	ND (0.00098)	ND (0.0012)	ND (0.001)
o-Xylene	NA	-	-	ND (0.0013)	ND (0.00085)	ND (0.00079)	ND (0.00091)	ND (0.0012)	ND (0.0024)	ND (0.0017)	-	-	ND (0.00098)	ND (0.0011)	ND (0.001)	ND (0.0014)	ND (0.00098)	ND (0.0012)	ND (0.001)
Styrene	NA	-	-	ND (0.0013)	ND (0.00085)	ND (0.00079)	ND (0.00091)	ND (0.0012)	ND (0.0024)	ND (0.0017)	-	-	ND (0.00098)	ND (0.0011)	ND (0.001)	ND (0.0014)	ND (0.00098)	ND (0.0012)	ND (0.001)
tert-Butylbenzene	500	-	-	ND (0.0013)	ND (0.00085)	ND (0.00079)	ND (0.00091)	ND (0.0012)	ND (0.0024)	ND (0.0017)	-	-	ND (0.00098)	ND (0.0011)	ND (0.001)	ND (0.0014)	ND (0.00098)	ND (0.0012)	ND (0.001)
Tetrachloroethene	150	-	-	ND (0.0013)	ND (0.00085)	ND (0.00079)	ND (0.00091)	ND (0.0012)	ND (0.0024)	ND (0.0017)	-	-	ND (0.00098)	ND (0.0011)	ND (0.001)	ND (0.0014)	ND (0.00098)	ND (0.0012)	ND (0.001)
Toluene	500	-	-	0.00058 J	ND (0.00085)	ND (0.00079)	0.00052 J	0.0006 J	0.0011 J	ND (0.0017)	-	-	0.00044 J	0.00088 J	0.00061 J	0.00086 J	0.00095 J	ND (0.0012)	0.00068 J
trans-1,2-Dichloroethene	500	-	-	ND (0.0013)	ND (0.00085)	ND (0.00079)	ND (0.00091)	ND (0.0012)	ND (0.0024)	ND (0.0017)	-	-	ND (0.00098)	ND (0.0011)	ND (0.001)	ND (0.0014)	ND (0.00098)	ND (0.0012)	ND (0.001)
trans-1,3-Dichloropropene	NA	-	-	ND (0.0013)	ND (0.00085)	ND (0.00079)	ND (0.00091)	ND (0.0012)	ND (0.0024)	ND (0.0017)	-	-	ND (0.00098)	ND (0.0011)	ND (0.001)	ND (0.0014)	ND (0.00098)	ND (0.0012)	ND (0.001)
Trichloroethene	200	-	-	ND (0.0013)	ND (0.00085)	ND (0.00079)	ND (0.00091)	ND (0.0012)	ND (0.0024)	ND (0.0017)	-	-	ND (0.00098)	ND (0.0011)	ND (0.001)	ND (0.0014)	ND (0.00098)	ND (0.0012)	ND (0.001)
Trichlorofluoromethane (CFC-11)	NA	-	-	ND (0.0013)	ND (0.00085)	ND (0.00079)	ND (0.00091)	ND (0.0012)	ND (0.0024)	ND (0.0017)	-	-	ND (0.00098)	ND (0.0011)	ND (0.001)	ND (0.0014)	ND (0.00098)	ND (0.0012)	ND (0.001)
Trifluorotrichloroethane (Freon 113)	NA	-	-	ND (0.0013)	ND (0.00085)	ND (0.00079)	ND (0.00091)	ND (0.0012)	ND (0.0024)	ND (0.0017)	-	-	ND (0.00098)	ND (0.0011)	ND (0.001)	ND (0.0014)	ND (0.00098)	ND (0.0012)	ND (0.001)
Vinyl chloride	13	-	-	ND (0.0013)	ND (0.00085)	ND (0.00079)	ND (0.00091)	ND (0.0012)	ND (0.0024)	ND (0.0017)	-	-	ND (0.00098)	ND (0.0011)	ND (0.001)	ND (0.0014)	ND (0.00098)	ND (0.0012)	ND (0.001)
Xylene (Total)	500	-	-	ND (0.0026)	ND (0.0017)	ND (0.0016)	ND (0.0018)	ND (0.0025)	ND (0.0047)	ND (0.0034)	-	-	ND (0.002)	ND (0.0023)	ND (0.0021)	ND (0.0028)	ND (0.002)	ND (0.0023)	ND (0.002)

TABLE 1
SUMMARY OF SOIL QUALITY DATA - BERM 1
FORMER PORT MOBIL TERMINAL
STATEN ISLAND, NEW YORK
FILE NO. 0208998

	Criteria																		
Location Name	NY Part 375	1C	1C	1C1	1C1	1C1	1C2	1C2	1C3	1C3	1D	1D	1D1	1D1	1D1	1D2	1D2	1D3	1D3
Sample Name	Commercial	1C_0-7	1C_7-14	1C1_2-3	1C1_6-7	1C1_11-12	1C2_3-4	1C2_8-9	1C3_5-6	1C3_10-11	1D_0-7	1D_7-14	1D1_1-2	1D1_6-7	1D1_13-14	1D2_2-3	1D2_7-8	1D3_4-5	1D3_9-10
Sample Date	Use	10/03/2025	10/03/2025	10/03/2025	10/03/2025	10/03/2025	10/03/2025	10/03/2025	10/03/2025	10/03/2025	10/03/2025	10/03/2025	10/03/2025	10/03/2025	10/03/2025	10/03/2025	10/03/2025	10/03/2025	10/03/2025
Lab Sample ID	Soil Cleanup	460-336467-9	460-336467-10	460-336467-49	460-336467-52	460-336467-55	460-336467-50	460-336467-53	460-336467-51	460-336467-54	460-336467-11	460-336467-12	460-336467-56	460-336467-59	460-336467-62	460-336467-57	460-336467-60	460-336467-58	460-336467-61
Sample Depth (bgs)	Objectives	0 - 7 (ft)	7 - 14 (ft)	2 - 3 (ft)	6 - 7 (ft)	11 - 12 (ft)	3 - 4 (ft)	8 - 9 (ft)	5 - 6 (ft)	10 - 11 (ft)	0 - 7 (ft)	7 - 14 (ft)	1 - 2 (ft)	6 - 7 (ft)	13 - 14 (ft)	2 - 3 (ft)	7 - 8 (ft)	4 - 5 (ft)	9 - 10 (ft)
Semi-Volatile Organic Compounds (mg/kg)																			
1,2,4,5-Tetrachlorobenzene	NA	ND (0.34)	ND (0.35)	-	-	-	-	-	-	-	ND (0.36)	ND (0.37)	-	-	-	-	-	-	-
1,4-Dioxane	130	ND (0.034)	ND (0.035)	-	-	-	-	-	-	-	ND (0.036)	ND (0.037)	-	-	-	-	-	-	-
2,2'-oxybis(1-Chloropropane)	NA	ND (0.34)	ND (0.35)	-	-	-	-	-	-	-	ND (0.36)	ND (0.37)	-	-	-	-	-	-	-
2,3,4,6-Tetrachlorophenol	NA	ND (0.34)	ND (0.35)	-	-	-	-	-	-	-	ND (0.36)	ND (0.37)	-	-	-	-	-	-	-
2,4,5-Trichlorophenol	NA	ND (0.34)	ND (0.35)	-	-	-	-	-	-	-	ND (0.36)	ND (0.37)	-	-	-	-	-	-	-
2,4,6-Trichlorophenol	NA	ND (0.14)	ND (0.14)	-	-	-	-	-	-	-	ND (0.14)	ND (0.15)	-	-	-	-	-	-	-
2,4-Dichlorophenol	NA	ND (0.14)	ND (0.14)	-	-	-	-	-	-	-	ND (0.14)	ND (0.15)	-	-	-	-	-	-	-
2,4-Dimethylphenol	NA	ND (0.34)	ND (0.35)	-	-	-	-	-	-	-	ND (0.36)	ND (0.37)	-	-	-	-	-	-	-
2,4-Dinitrophenol	NA	ND (0.28)	ND (0.28)	-	-	-	-	-	-	-	ND (0.29)	ND (0.3)	-	-	-	-	-	-	-
2,4-Dinitrotoluene	NA	ND (0.07)	ND (0.072)	-	-	-	-	-	-	-	ND (0.072)	ND (0.074)	-	-	-	-	-	-	-
2,6-Dinitrotoluene	NA	ND (0.07)	ND (0.072)	-	-	-	-	-	-	-	ND (0.072)	ND (0.074)	-	-	-	-	-	-	-
2-Chloronaphthalene	NA	ND (0.34)	ND (0.35)	-	-	-	-	-	-	-	ND (0.36)	ND (0.37)	-	-	-	-	-	-	-
2-Chlorophenol	NA	ND (0.34)	ND (0.35)	-	-	-	-	-	-	-	ND (0.36)	ND (0.37)	-	-	-	-	-	-	-
2-Methylnaphthalene	NA	ND (0.34)	ND (0.35)	-	-	-	-	-	-	-	ND (0.36)	ND (0.37)	-	-	-	-	-	-	-
2-Methylphenol (o-Cresol)	500	ND (0.34)	ND (0.35)	-	-	-	-	-	-	-	ND (0.36)	ND (0.37)	-	-	-	-	-	-	-
2-Nitroaniline	NA	ND (0.34)	ND (0.35)	-	-	-	-	-	-	-	ND (0.36)	ND (0.37)	-	-	-	-	-	-	-
2-Nitrophenol	NA	ND (0.34)	ND (0.35)	-	-	-	-	-	-	-	ND (0.36)	ND (0.37)	-	-	-	-	-	-	-
3&4-Methylphenol	NA	ND (0.34)	ND (0.35)	-	-	-	-	-	-	-	ND (0.36)	ND (0.37)	-	-	-	-	-	-	-
3,3'-Dichlorobenzidine	NA	ND (0.14)	ND (0.14)	-	-	-	-	-	-	-	ND (0.14)	ND (0.15)	-	-	-	-	-	-	-
3-Nitroaniline	NA	ND (0.34)	ND (0.35)	-	-	-	-	-	-	-	ND (0.36)	ND (0.37)	-	-	-	-	-	-	-
4,6-Dinitro-2-methylphenol	NA	ND (0.28)	ND (0.28)	-	-	-	-	-	-	-	ND (0.29)	ND (0.3)	-	-	-	-	-	-	-
4-Bromophenyl phenyl ether (BDE-3)	NA	ND (0.34)	ND (0.35)	-	-	-	-	-	-	-	ND (0.36)	ND (0.37)	-	-	-	-	-	-	-
4-Chloro-3-methylphenol	NA	ND (0.34)	ND (0.35)	-	-	-	-	-	-	-	ND (0.36)	ND (0.37)	-	-	-	-	-	-	-
4-Chloroaniline	NA	ND (0.34)	ND (0.35)	-	-	-	-	-	-	-	ND (0.36)	ND (0.37)	-	-	-	-	-	-	-
4-Chlorophenyl phenyl ether	NA	ND (0.34)	ND (0.35)	-	-	-	-	-	-	-	ND (0.36)	ND (0.37)	-	-	-	-	-	-	-
4-Methylphenol	500	ND (0.34)	ND (0.35)	-	-	-	-	-	-	-	ND (0.36)	ND (0.37)	-	-	-	-	-	-	-
4-Nitroaniline	NA	ND (0.34)	ND (0.35)	-	-	-	-	-	-	-	ND (0.36)	ND (0.37)	-	-	-	-	-	-	-
4-Nitrophenol	NA	ND (0.7)	ND (0.72)	-	-	-	-	-	-	-	ND (0.72)	ND (0.74)	-	-	-	-	-	-	-
Acenaphthene	500	ND (0.34)	ND (0.35)	-	-	-	-	-	-	-	ND (0.36)	ND (0.37)	-	-	-	-	-	-	-
Acenaphthylene	500	ND (0.34)	ND (0.35)	-	-	-	-	-	-	-	ND (0.36)	ND (0.37)	-	-	-	-	-	-	-
Acetophenone	NA	ND (0.34)	ND (0.35)	-	-	-	-	-	-	-	ND (0.36)	ND (0.37)	-	-	-	-	-	-	-
Anthracene	500	ND (0.34)	ND (0.35)	-	-	-	-	-	-	-	ND (0.36)	ND (0.37)	-	-	-	-	-	-	-
Atrazine	NA	ND (0.14)	ND (0.14)	-	-	-	-	-	-	-	ND (0.14)	ND (0.15)	-	-	-	-	-	-	-
Benzaldehyde	NA	ND (0.34)	ND (0.35)	-	-	-	-	-	-	-	ND (0.36)	ND (0.37)	-	-	-	-	-	-	-
Benzo(a)anthracene	5.6	ND (0.034)	ND (0.035)	-	-	-	-	-	-	-	ND (0.036)	ND (0.037)	-	-	-	-	-	-	-
Benzo(a)pyrene	1	ND (0.034)	ND (0.035)	-	-	-	-	-	-	-	ND (0.036)	ND (0.037)	-	-	-	-	-	-	-
Benzo(b)fluoranthene	5.6	ND (0.034)	ND (0.035)	-	-	-	-	-	-	-	ND (0.036)	ND (0.037)	-	-	-	-	-	-	-
Benzo(g,h,i)perylene	500	ND (0.34)	ND (0.35)	-	-	-	-	-	-	-	ND (0.36)	ND (0.37)	-	-	-	-	-	-	-
Benzo(k)fluoranthene	56	ND (0.034)	ND (0.035)	-	-	-	-	-	-	-	ND (0.036)	ND (0.037)	-	-	-	-	-	-	-
Biphenyl	NA	ND (0.34)	ND (0.35)	-	-	-	-	-	-	-	ND (0.36)	ND (0.37)	-	-	-	-	-	-	-
bis(2-Chloroethoxy)methane	NA	ND (0.34)	ND (0.35)	-	-	-	-	-	-	-	ND (0.36)	ND (0.37)	-	-	-	-	-	-	-
bis(2-Chloroethyl)ether	NA	ND (0.034)	ND (0.035)	-	-	-	-	-	-	-	ND (0.036)	ND (0.037)	-	-	-	-	-	-	-
bis(2-Ethylhexyl)phthalate	NA	ND (0.34)	ND (0.35)	-	-	-	-	-	-	-	ND (0.36)	ND (0.37)	-	-	-	-	-	-	-
Butyl benzylphthalate (BBP)	NA	ND (0.34)	ND (0.35)	-	-	-	-	-	-	-	ND (0.36)	ND (0.37)	-	-	-	-	-	-	-
Caprolactam	NA	ND (0.34)	ND (0.35)	-	-	-	-	-	-	-	ND (0.36)	ND (0.37)	-	-	-	-	-	-	-
Carbazole	NA	ND (0.34)	ND (0.35)	-	-	-	-	-	-	-	ND (0.36)	ND (0.37)	-	-	-	-	-	-	-
Chrysene	56	ND (0.34)	ND (0.35)	-	-	-	-	-	-	-	ND (0.36)	ND (0.37)	-	-	-	-	-	-	-
Dibenz(a,h)anthracene	0.56	ND (0.034)	ND (0.035)	-	-	-	-	-	-	-	ND (0.036)	ND (0.037)	-	-	-	-	-	-	-
Dibenzofuran	350	ND (0.34)	ND (0.35)	-	-	-	-	-	-	-	ND (0.36)	ND (0.37)	-	-	-	-	-	-	-
Diethyl phthalate	NA	ND (0.34)	ND (0.35)	-	-	-	-	-	-	-	ND (0.36)	ND (0.37)	-	-	-	-	-	-	-
Dimethyl phthalate	NA	ND (0.34)	ND (0.35)	-	-	-	-	-	-	-	ND (0.36)	ND (0.37)	-	-	-	-	-	-	-
Di-n-butylphthalate (DBP)	NA	ND (0.34)	ND (0.35)	-	-	-	-	-	-	-	ND (0.36)	ND (0.37)	-	-	-	-	-	-	-
Di-n-octyl phthalate (DnOP)	NA	ND (0.34)	ND (0.35)	-	-	-	-	-	-	-	ND (0.36)	ND (0.37)	-	-	-	-	-	-	-
Fluoranthene	500	ND (0.34)	ND (0.35)	-	-	-	-	-	-	-	ND (0.36)	ND (0.37)	-	-	-	-	-	-	-
Fluorene	500	ND (0.34)	ND (0.35)	-	-	-	-	-	-	-	ND (0.36)	ND (0.37)	-	-	-	-	-	-	-
Hexachlorobenzene	6	ND (0.034)	ND (0.035)	-	-	-	-	-	-	-	ND (0.036)	ND (0.037)	-	-	-	-	-	-	-
Hexachlorobutadiene	NA	ND (0.07)	ND (0.072)	-	-	-	-	-	-	-	ND (0.072)	ND (0.074)	-	-	-	-	-	-	-
Hexachlorocyclopentadiene	NA	ND (0.34)	ND (0.35)	-	-	-	-	-	-	-	ND (0.36)	ND (0.37)	-	-	-	-	-	-	-
Hexachloroethane	NA	ND (0.034)	ND (0.035)	-	-	-	-	-	-	-	ND (0.036)	ND (0.037)	-	-	-	-	-	-	-
Indeno(1,2,3-cd)pyrene	5.6	ND (0.034)	ND (0.035)	-	-	-	-	-	-	-	ND (0.036)	ND (0.037)	-	-	-	-	-	-	-
Isophorone	NA	ND (0.14)	ND (0.14)	-	-	-	-	-	-	-	ND (0.14)	ND (0.15)	-	-	-	-	-	-	-
Naphthalene	500	ND (0.34)	ND (0.35)	-	-	-	-	-	-	-	ND (0.36)	ND (0.37)	-	-	-	-	-	-	-
Nitrobenzene	NA	ND (0.034)	ND (0.035)	-	-	-	-	-	-	-	ND (0.036)	ND (0.037)	-	-	-	-	-	-	-
N-Nitrosodi-n-propylamine	NA	ND (0.034)	ND (0.035)	-	-	-	-	-	-	-	ND (0.036)	ND (0.037)	-	-	-	-	-	-	-
N-Nitrosodiphenylamine	NA	ND (0.34)	ND (0.35)	-	-	-	-	-	-	-	ND (0.36)	ND (0.37)	-	-	-	-	-	-	-
Pentachlorophenol	6.7	ND (0.28)	ND (0.28)	-	-	-	-	-	-	-	ND (0.29)	ND (0.3)	-	-	-	-	-	-	-
Phenanthrene	500	ND (0.34)	ND (0.35)	-	-	-	-	-	-	-	ND (0.36)	ND (0.37)	-	-	-	-	-	-	-
Phenol	500	ND (0.34)	ND (0.35)	-	-	-	-	-	-	-	ND (0.36)	ND (0.37)	-	-	-	-	-	-	-
Pyrene	500	ND (0.34)	ND (0.35)	-	-	-	-	-	-	-	ND (0.36)	ND (0.37)	-	-	-	-	-	-	-

TABLE 1
SUMMARY OF SOIL QUALITY DATA - BERM 1
FORMER PORT MOBIL TERMINAL
STATEN ISLAND, NEW YORK
FILE NO. 0208998

	Criteria																		
Location Name	NY Part 375	1C	1C	1C1	1C1	1C1	1C2	1C2	1C3	1C3	1D	1D	1D1	1D1	1D1	1D2	1D2	1D3	1D3
Sample Name	Commercial	1C_0-7	1C_7-14	1C1_2-3	1C1_6-7	1C1_11-12	1C2_3-4	1C2_8-9	1C3_5-6	1C3_10-11	1D_0-7	1D_7-14	1D1_1-2	1D1_6-7	1D1_13-14	1D2_2-3	1D2_7-8	1D3_4-5	1D3_9-10
Sample Date	Use	10/03/2025	10/03/2025	10/03/2025	10/03/2025	10/03/2025	10/03/2025	10/03/2025	10/03/2025	10/03/2025	10/03/2025	10/03/2025	10/03/2025	10/03/2025	10/03/2025	10/03/2025	10/03/2025	10/03/2025	10/03/2025
Lab Sample ID	Soil Cleanup	460-336467-9	460-336467-10	460-336467-49	460-336467-52	460-336467-55	460-336467-50	460-336467-53	460-336467-51	460-336467-54	460-336467-11	460-336467-12	460-336467-56	460-336467-59	460-336467-62	460-336467-57	460-336467-60	460-336467-58	460-336467-61
Sample Depth (bgs)	Objectives	0 - 7 (ft)	7 - 14 (ft)	2 - 3 (ft)	6 - 7 (ft)	11 - 12 (ft)	3 - 4 (ft)	8 - 9 (ft)	5 - 6 (ft)	10 - 11 (ft)	0 - 7 (ft)	7 - 14 (ft)	1 - 2 (ft)	6 - 7 (ft)	13 - 14 (ft)	2 - 3 (ft)	7 - 8 (ft)	4 - 5 (ft)	9 - 10 (ft)
PFAS (mg/kg)																			
11-Chloroeicosafluoro-3-Oxaundecane-1-Sulfonic Acid (11Cl-PF3OUdS)	NA	ND (0.00019)	ND (0.00019)	-	-	-	-	-	-	-	ND (0.0002)	ND (0.0002)	-	-	-	-	-	-	-
2H,2H,3H,3H-Perfluorooctanoic acid (5:3 FTCA)	NA	ND (0.00097)	ND (0.00096)	-	-	-	-	-	-	-	ND (0.001)	ND (0.00099)	-	-	-	-	-	-	-
3-(Perfluoroheptyl)propanoic acid (7:3 FTCA)	NA	ND (0.00097)	ND (0.00096)	-	-	-	-	-	-	-	ND (0.001)	ND (0.00099)	-	-	-	-	-	-	-
3:3 Fluorotelomer carboxylic acid (3:3 FTCA)	NA	ND (0.00039)	ND (0.00039)	-	-	-	-	-	-	-	ND (0.0004)	ND (0.0004)	-	-	-	-	-	-	-
4,8-Dioxa-3H-Perfluorononanoic Acid (ADONA)	NA	ND (0.00019)	ND (0.00019)	-	-	-	-	-	-	-	ND (0.0002)	ND (0.0002)	-	-	-	-	-	-	-
4:2 Fluorotelomer sulfonic acid (4:2 FTS)	NA	ND (0.00039)	ND (0.00039)	-	-	-	-	-	-	-	ND (0.0004)	ND (0.0004)	-	-	-	-	-	-	-
6:2 Fluorotelomer sulfonic acid (6:2 FTS)	NA	ND (0.00039)	ND (0.00039)	-	-	-	-	-	-	-	ND (0.0004)	ND (0.0004)	-	-	-	-	-	-	-
8:2 Fluorotelomer sulfonic acid (8:2 FTS)	NA	ND (0.00039)	ND (0.00039)	-	-	-	-	-	-	-	ND (0.0004)	ND (0.0004)	-	-	-	-	-	-	-
9-Chlorohexadecafluoro-3-Oxanone-1-Sulfonic Acid (9Cl-PF3ONS)	NA	ND (0.00019)	ND (0.00019)	-	-	-	-	-	-	-	ND (0.0002)	ND (0.0002)	-	-	-	-	-	-	-
N-Ethyl Perfluorooctanesulfonamidoacetic Acid (NEtFOSAA)	NA	ND (0.00019)	ND (0.00019)	-	-	-	-	-	-	-	ND (0.0002)	ND (0.0002)	-	-	-	-	-	-	-
N-Ethylperfluorooctane sulfonamide (N-EtFOSA)	NA	ND (0.00019)	ND (0.00019)	-	-	-	-	-	-	-	ND (0.0002)	ND (0.0002)	-	-	-	-	-	-	-
N-Ethylperfluorooctane sulfonamidoethanol (N-EtFOSE)	NA	ND (0.00097)	ND (0.00096)	-	-	-	-	-	-	-	ND (0.001)	ND (0.00099)	-	-	-	-	-	-	-
N-Methyl Perfluorooctanesulfonamidoacetic Acid (NMeFOSAA)	NA	ND (0.00019)	ND (0.00019)	-	-	-	-	-	-	-	ND (0.0002)	ND (0.0002)	-	-	-	-	-	-	-
N-Methylperfluorooctane sulfonamide (N-MeFOSA)	NA	ND (0.00019)	ND (0.00019)	-	-	-	-	-	-	-	ND (0.0002)	ND (0.0002)	-	-	-	-	-	-	-
N-Methylperfluorooctane sulfonamidoethanol (N-MeFOSE)	NA	ND (0.00097)	ND (0.00096)	-	-	-	-	-	-	-	ND (0.001)	ND (0.00099)	-	-	-	-	-	-	-
Nonafluoro-3,6-dioxaheptanoic acid (NFDHA)	NA	ND (0.00019)	ND (0.00019)	-	-	-	-	-	-	-	ND (0.0002)	ND (0.0002)	-	-	-	-	-	-	-
Perfluoro(2-ethoxyethane) sulphonic acid (PFEESA)	NA	ND (0.00019)	ND (0.00019)	-	-	-	-	-	-	-	ND (0.0002)	ND (0.0002)	-	-	-	-	-	-	-
Perfluoro(4-methoxybutanoic) acid (PFMBA)	NA	ND (0.00019)	ND (0.00019)	-	-	-	-	-	-	-	ND (0.0002)	ND (0.0002)	-	-	-	-	-	-	-
Perfluoro-2-propoxypropanoic acid (PFPrOPrA)(GenX) (HFPO-DA)	NA	ND (0.00019)	ND (0.00019)	-	-	-	-	-	-	-	ND (0.0002)	ND (0.0002)	-	-	-	-	-	-	-
Perfluoro-3-methoxypropanoic acid (PFMPA)	NA	ND (0.00019)	ND (0.00019)	-	-	-	-	-	-	-	ND (0.0002)	ND (0.0002)	-	-	-	-	-	-	-
Perfluorobutanesulfonic acid (PFBS)	NA	ND (0.00019)	ND (0.00019)	-	-	-	-	-	-	-	ND (0.00025)	ND (0.0002)	-	-	-	-	-	-	-
Perfluorobutanoic acid (PFBA)	NA	ND (0.00039)	ND (0.00039)	-	-	-	-	-	-	-	ND (0.0004)	ND (0.0004)	-	-	-	-	-	-	-
Perfluorodecanesulfonic acid (PFDS)	NA	ND (0.00019)	ND (0.00019)	-	-	-	-	-	-	-	ND (0.0002)	ND (0.0002)	-	-	-	-	-	-	-
Perfluorodecanoic acid (PFDA)	NA	ND (0.00019)	0.00011 J	-	-	-	-	-	-	-	0.00011 J	0.00007 J	-	-	-	-	-	-	-
Perfluorododecane sulfonic acid (PFDoDS)	NA	ND (0.00019)	ND (0.00019)	-	-	-	-	-	-	-	ND (0.0002)	ND (0.0002)	-	-	-	-	-	-	-
Perfluorododecanoic acid (PFDoDA)	NA	ND (0.00019)	0.00016 J	-	-	-	-	-	-	-	ND (0.0002)	ND (0.0002)	-	-	-	-	-	-	-
Perfluoroheptanesulfonic acid (PFHpS)	NA	ND (0.00019)	ND (0.00019)	-	-	-	-	-	-	-	ND (0.0002)	ND (0.0002)	-	-	-	-	-	-	-
Perfluoroheptanoic acid (PFHpA)	NA	ND (0.00019)	ND (0.00019)	-	-	-	-	-	-	-	ND (0.0002)	ND (0.0002)	-	-	-	-	-	-	-
Perfluorohexanesulfonic acid (PFHxS)	NA	ND (0.00019)	ND (0.00019)	-	-	-	-	-	-	-	ND (0.0002)	ND (0.0002)	-	-	-	-	-	-	-
Perfluorohexanoic acid (PFHxA)	NA	ND (0.00019)	ND (0.00019)	-	-	-	-	-	-	-	ND (0.0002)	ND (0.0002)	-	-	-	-	-	-	-
Perfluorononane sulfonic acid (PFNS)	NA	ND (0.00019)	ND (0.00019)	-	-	-	-	-	-	-	ND (0.0002)	ND (0.0002)	-	-	-	-	-	-	-
Perfluorononanoic acid (PFNA)	NA	ND (0.00019)	0.00013 J	-	-	-	-	-	-	-	0.00033	ND (0.0002)	-	-	-	-	-	-	-
Perfluorooctane sulfonamide (PFOSA)	NA	ND (0.00019)	ND (0.00019)	-	-	-	-	-	-	-	ND (0.0002)	ND (0.0002)	-	-	-	-	-	-	-
Perfluorooctanesulfonic acid (PFOS)	0.44	ND (0.00019)	ND (0.00019)	-	-	-	-	-	-	-	0.0001 J	ND (0.0002)	-	-	-	-	-	-	-
Perfluorooctanoic acid (PFOA)	0.5	0.00013 J	0.000081 J	-	-	-	-	-	-	-	0.000089 J	ND (0.0002)	-	-	-	-	-	-	-
Perfluoropentanesulfonic acid (PFPeS)	NA	ND (0.00019)	ND (0.00019)	-	-	-	-	-	-	-	ND (0.0002)	ND (0.0002)	-	-	-	-	-	-	-
Perfluoropentanoic acid (PFPeA)	NA	ND (0.00019)	ND (0.00019)	-	-	-	-	-	-	-	ND (0.0002)	ND (0.0002)	-	-	-	-	-	-	-
Perfluorotetradecanoic acid (PFTeDA)	NA	ND (0.00019)	ND (0.00019)	-	-	-	-	-	-	-	ND (0.0002)	ND (0.0002)	-	-	-	-	-	-	-
Perfluorotridecanoic acid (PFTrDA)	NA	ND (0.00019)	0.00262	-	-	-	-	-	-	-	0.00032	ND (0.0002)	-	-	-	-	-	-	-
Perfluoroundecanoic acid (PFUnDA)	NA	ND (0.00019)	0.00093	-	-	-	-	-	-	-	0.00097	0.00019 J	-	-	-	-	-	-	-
Pesticides (mg/kg)																			
4,4'-DDD	92	ND (0.007)	ND (0.0072)	-	-	-	-	-	-	-	ND (0.0072)	ND (0.0075)	-	-	-	-	-	-	-
4,4'-DDE	62	ND (0.007)	ND (0.0072)	-	-	-	-	-	-	-	ND (0.0072)	ND (0.0075)	-	-	-	-	-	-	-
4,4'-DDT	47	ND (0.007)	ND (0.0072)	-	-	-	-	-	-	-	ND (0.0072)	ND (0.0075)	-	-	-	-	-	-	-
Aldrin	0.68	ND (0.007)	ND (0.0072)	-	-	-	-	-	-	-	ND (0.0072)	ND (0.0075)	-	-	-	-	-	-	-
alpha-BHC	3.4	ND (0.0021)	ND (0.0021)	-	-	-	-	-	-	-	ND (0.0022)	ND (0.0022)	-	-	-	-	-	-	-
alpha-Chlordane (cis)	24	ND (0.007)	ND (0.0072)	-	-	-	-	-	-	-	ND (0.0072)	ND (0.0075)	-	-	-	-	-	-	-
beta-BHC	3	ND (0.0021)	ND (0.0021)	-	-	-	-	-	-	-	ND (0.0022)	ND (0.0022)	-	-	-	-	-	-	-
Chlordane	NA	ND (0.07)	ND (0.072)	-	-	-	-	-	-	-	ND (0.072)	ND (0.075)	-	-	-	-	-	-	-
delta-BHC	500	ND (0.0021)	ND (0.0021)	-	-	-	-	-	-	-	ND (0.0022)	ND (0.0022)	-	-	-	-	-	-	-
Dieldrin	1.4	ND (0.0021)	ND (0.0021)	-	-	-	-	-	-	-	ND (0.0022)	ND (0.0022)	-	-	-	-	-	-	-
Endosulfan I	200	ND (0.007)	ND (0.0072)	-	-	-	-	-	-	-	ND (0.0072)	ND (0.0075)	-	-	-	-	-	-	-
Endosulfan II	200	ND (0.007)	ND (0.0072)	-	-	-	-	-	-	-	ND (0.0072)	ND (0.0075)	-	-	-	-	-	-	-
Endosulfan sulfate	200	ND (0.007)	ND (0.0072)	-	-	-	-	-	-	-	ND (0.0072)	ND (0.0075)	-	-	-	-	-	-	-
Endrin	89	ND (0.007)	ND (0.0072)	-	-	-	-	-	-	-	ND (0.0072)	ND (0.0075)	-	-	-	-	-	-	-
Endrin aldehyde	NA	ND (0.007)	ND (0.0072)	-	-	-	-	-	-	-	ND (0.0072)	ND (0.0075)	-	-	-	-	-	-	-
Endrin ketone	NA	ND (0.007)	ND (0.0072)	-	-	-	-	-	-	-	ND (0.0072)	ND (0.0075)	-	-	-	-	-	-	-
gamma-BHC (Lindane)	9.2	ND (0.0021)	ND (0.0021)	-	-	-	-	-	-	-	ND (0.0022)	ND (0.0022)	-	-	-	-	-	-	-
Heptachlor	15	ND (0.007)	ND (0.0072)	-	-	-	-	-	-	-	ND (0.0072)	ND (0.0075)	-	-	-	-	-	-	-
Heptachlor epoxide	NA	ND (0.007)	ND (0.0072)	-	-	-	-	-	-	-	ND (0.0072)	ND (0.0075)	-	-	-	-	-	-	-
Methoxychlor	NA	ND (0.007)	ND (0.0072)	-	-	-	-	-	-	-	ND (0.0072)	ND (0.0075)	-	-	-	-	-	-	-
Toxaphene	NA	ND (0.07)	ND (0.072)	-	-	-	-	-	-	-	ND (0.072)	ND (0.075)	-	-	-	-	-	-	-

TABLE 1
SUMMARY OF SOIL QUALITY DATA - BERM 1
FORMER PORT MOBIL TERMINAL
STATEN ISLAND, NEW YORK
FILE NO. 0208998

	Criteria																		
Location Name	NY Part 375	1C	1C	1C1	1C1	1C1	1C2	1C2	1C3	1C3	1D	1D	1D1	1D1	1D1	1D2	1D2	1D3	1D3
Sample Name	Commercial	1C_0-7	1C_7-14	1C1_2-3	1C1_6-7	1C1_11-12	1C2_3-4	1C2_8-9	1C3_5-6	1C3_10-11	1D_0-7	1D_7-14	1D1_1-2	1D1_6-7	1D1_13-14	1D2_2-3	1D2_7-8	1D3_4-5	1D3_9-10
Sample Date	Use	10/03/2025	10/03/2025	10/03/2025	10/03/2025	10/03/2025	10/03/2025	10/03/2025	10/03/2025	10/03/2025	10/03/2025	10/03/2025	10/03/2025	10/03/2025	10/03/2025	10/03/2025	10/03/2025	10/03/2025	10/03/2025
Lab Sample ID	Soil Cleanup	460-336467-9	460-336467-10	460-336467-49	460-336467-52	460-336467-55	460-336467-50	460-336467-53	460-336467-51	460-336467-54	460-336467-11	460-336467-12	460-336467-56	460-336467-59	460-336467-62	460-336467-57	460-336467-60	460-336467-58	460-336467-61
Sample Depth (bgs)	Objectives	0 - 7 (ft)	7 - 14 (ft)	2 - 3 (ft)	6 - 7 (ft)	11 - 12 (ft)	3 - 4 (ft)	8 - 9 (ft)	5 - 6 (ft)	10 - 11 (ft)	0 - 7 (ft)	7 - 14 (ft)	1 - 2 (ft)	6 - 7 (ft)	13 - 14 (ft)	2 - 3 (ft)	7 - 8 (ft)	4 - 5 (ft)	9 - 10 (ft)
Polychlorinated Biphenyls (mg/kg)																			
Aroclor-1016 (PCB-1016)	NA	ND (0.07)	ND (0.072)	-	-	-	-	-	-	-	ND (0.072)	ND (0.075)	-	-	-	-	-	-	-
Aroclor-1221 (PCB-1221)	NA	ND (0.07)	ND (0.072)	-	-	-	-	-	-	-	ND (0.072)	ND (0.075)	-	-	-	-	-	-	-
Aroclor-1232 (PCB-1232)	NA	ND (0.07)	ND (0.072)	-	-	-	-	-	-	-	ND (0.072)	ND (0.075)	-	-	-	-	-	-	-
Aroclor-1242 (PCB-1242)	NA	ND (0.07)	ND (0.072)	-	-	-	-	-	-	-	ND (0.072)	ND (0.075)	-	-	-	-	-	-	-
Aroclor-1248 (PCB-1248)	NA	ND (0.07)	ND (0.072)	-	-	-	-	-	-	-	ND (0.072)	ND (0.075)	-	-	-	-	-	-	-
Aroclor-1254 (PCB-1254)	NA	ND (0.07)	ND (0.072)	-	-	-	-	-	-	-	ND (0.072)	ND (0.075)	-	-	-	-	-	-	-
Aroclor-1260 (PCB-1260)	NA	ND (0.07)	ND (0.072)	-	-	-	-	-	-	-	ND (0.072)	ND (0.075)	-	-	-	-	-	-	-
Aroclor-1262 (PCB-1262)	NA	ND (0.07)	ND (0.072)	-	-	-	-	-	-	-	ND (0.072)	ND (0.075)	-	-	-	-	-	-	-
Aroclor-1268 (PCB-1268)	NA	ND (0.07)	ND (0.072)	-	-	-	-	-	-	-	ND (0.072)	ND (0.075)	-	-	-	-	-	-	-
Total PCBs	1	ND (0.07)	ND (0.072)	-	-	-	-	-	-	-	ND (0.072)	ND (0.075)	-	-	-	-	-	-	-
Inorganic Compounds (mg/kg)																			
Aluminum	NA	6010	8060	-	-	-	-	-	-	-	8000	9820	-	-	-	-	-	-	-
Antimony	NA	0.41 J	0.98 J	-	-	-	-	-	-	-	0.68 J	0.16 J	-	-	-	-	-	-	-
Arsenic	16	5.1	6.3	-	-	-	-	-	-	-	6.4	3.4	-	-	-	-	-	-	-
Barium	400	38.9	39	-	-	-	-	-	-	-	56.7	74.5	-	-	-	-	-	-	-
Beryllium	590	0.45	0.62	-	-	-	-	-	-	-	0.55	0.56	-	-	-	-	-	-	-
Cadmium	9.3	0.12 J	0.2 J	-	-	-	-	-	-	-	0.21 J	ND (1)	-	-	-	-	-	-	-
Calcium	NA	784	1280	-	-	-	-	-	-	-	1690	1470	-	-	-	-	-	-	-
Chromium	NA	12.2	15.7	-	-	-	-	-	-	-	16	16.5	-	-	-	-	-	-	-
Cobalt	NA	5.9	6.7	-	-	-	-	-	-	-	7.1	8.4	-	-	-	-	-	-	-
Copper	270	24.1	31.7	-	-	-	-	-	-	-	29.4	17.7	-	-	-	-	-	-	-
Iron	NA	14800	17900	-	-	-	-	-	-	-	19100	20500	-	-	-	-	-	-	-
Lead	1000	20.1	57.7	-	-	-	-	-	-	-	53.5	9.6	-	-	-	-	-	-	-
Magnesium	NA	1840	2860	-	-	-	-	-	-	-	2870	4740	-	-	-	-	-	-	-
Manganese	10000	215	243	-	-	-	-	-	-	-	293	469	-	-	-	-	-	-	-
Mercury	2.8	0.021	0.027	-	-	-	-	-	-	-	0.027	ND (0.018)	-	-	-	-	-	-	-
Nickel	310	10.1	15	-	-	-	-	-	-	-	14	18.7	-	-	-	-	-	-	-
Potassium	NA	862	1090	-	-	-	-	-	-	-	1150	1750	-	-	-	-	-	-	-
Selenium	1500	0.21 J	0.21 J	-	-	-	-	-	-	-	0.18 J	ND (1.3)	-	-	-	-	-	-	-
Silver	1500	0.11 J	0.19 J	-	-	-	-	-	-	-	0.17 J	ND (0.42)	-	-	-	-	-	-	-
Sodium	NA	55.5 J	74.5 J	-	-	-	-	-	-	-	106	106	-	-	-	-	-	-	-
Thallium	NA	0.073 J	0.082 J	-	-	-	-	-	-	-	0.088 J	0.11 J	-	-	-	-	-	-	-
Vanadium	NA	19.9	23.4	-	-	-	-	-	-	-	23.9	22.6	-	-	-	-	-	-	-
Zinc	10000	33.9	70.3	-	-	-	-	-	-	-	52.2	61.9	-	-	-	-	-	-	-

ABBREVIATIONS AND NOTES:

mg/kg: milligram per kilogram

**: LCS or LCSD is outside acceptance limits.*
-: Not Analyzed
B: Compound was found in the blank and the associated sample.
bgs: below ground surface
ft: feet
J: Value is estimated.
NA: Not Applicable
ND (2.5): Not detected, number in parentheses is the laboratory reporting limit

- For test methods used, see the laboratory data sheets.
- Soil analytical results are compared to the New York State Department of Environmental Conservation (NYSDEC) Title 6 of the Official Compilation of New York Codes, Rules, and Regulations (NYCRR) Part 375 Commercial Use Soil Cleanup Objectives (SCO).
- Grey shading indicates an exceedance of the Commercial Use Soil Cleanup Objectives.

TABLE 1
SUMMARY OF SOIL QUALITY DATA - BERM 1
FORMER PORT MOBIL TERMINAL
STATEN ISLAND, NEW YORK
FILE NO. 0208998

	Criteria																		
Location Name	NY Part 375	1E	1E	1E1	1E1	1E2	1E2	1E2	1E3	1E3	1F	1F	1F1	1F1	1F1	1F2	1F2	1F3	1F3
Sample Name	Commercial	1E_0-7	1E_7-14	1E1_1-2	1E1_6-7	1E2_3-4	1E2_8-9	1E2_13-14	1E3_4-5	1E3_10-11	1F_0-7	1F_7-14	1F1_2-3	1F1_7-8	1F1_12-13	1F2_4-5	1F2_8-9	1F3_5-6	1F3_10-11
Sample Date	Use	10/03/2025	10/03/2025	10/03/2025	10/03/2025	10/03/2025	10/03/2025	10/03/2025	10/03/2025	10/03/2025	10/03/2025	10/03/2025	10/03/2025	10/03/2025	10/03/2025	10/03/2025	10/03/2025	10/03/2025	10/03/2025
Lab Sample ID	Soil Cleanup	460-336467-13	460-336467-14	460-336467-63	460-336467-66	460-336467-64	460-336467-67	460-336467-69	460-336467-65	460-336467-68	460-336467-15	460-336467-16	460-336467-70	460-336467-73	460-336467-76	460-336467-71	460-336467-74	460-336467-72	460-336467-75
Sample Depth (bgs)	Objectives	0 - 7 (ft)	7 - 14 (ft)	1 - 2 (ft)	6 - 7 (ft)	3 - 4 (ft)	8 - 9 (ft)	13 - 14 (ft)	4 - 5 (ft)	10 - 11 (ft)	0 - 7 (ft)	7 - 14 (ft)	2 - 3 (ft)	7 - 8 (ft)	12 - 13 (ft)	4 - 5 (ft)	8 - 9 (ft)	5 - 6 (ft)	10 - 11 (ft)
Volatile Organic Compounds (mg/kg)																			
1,1,1-Trichloroethane	500	-	-	ND (0.001)	ND (0.00089)	ND (0.0018)	ND (0.0014)	ND (0.0019)	ND (0.0011)	ND (0.00091)	-	-	ND (0.001)	ND (0.0013)	ND (0.0012)	ND (0.0015)	ND (0.0013)	ND (0.0011)	ND (0.0017)
1,1,2,2-Tetrachloroethane	NA	-	-	ND (0.001)	ND (0.00089)	ND (0.0018)	ND (0.0014)	ND (0.0019)	ND (0.0011)	ND (0.00091)	-	-	ND (0.001)	ND (0.0013)	ND (0.0012)	ND (0.0015)	ND (0.0013)	ND (0.0011)	ND (0.0017)
1,1,2-Trichloroethane	NA	-	-	ND (0.001)	ND (0.00089)	ND (0.0018)	ND (0.0014)	ND (0.0019)	ND (0.0011)	ND (0.00091)	-	-	ND (0.001)	ND (0.0013)	ND (0.0012)	ND (0.0015)	ND (0.0013)	ND (0.0011)	ND (0.0017)
1,1-Dichloroethane	240	-	-	ND (0.001)	ND (0.00089)	ND (0.0018)	ND (0.0014)	ND (0.0019)	ND (0.0011)	ND (0.00091)	-	-	ND (0.001)	ND (0.0013)	ND (0.0012)	ND (0.0015)	ND (0.0013)	ND (0.0011)	ND (0.0017)
1,1-Dichloroethene	500	-	-	ND (0.001)	ND (0.00089)	ND (0.0018)	ND (0.0014)	ND (0.0019)	ND (0.0011)	ND (0.00091)	-	-	ND (0.001)	ND (0.0013)	ND (0.0012)	ND (0.0015)	ND (0.0013)	ND (0.0011)	ND (0.0017)
1,2,3-Trichlorobenzene	NA	-	-	ND (0.001)	ND (0.00089)	ND (0.0018)	ND (0.0014)	ND (0.0019)	ND (0.0011)	ND (0.00091)	-	-	ND (0.001)	ND (0.0013)	ND (0.0012)	ND (0.0015)	ND (0.0013)	ND (0.0011)	ND (0.0017)
1,2,4-Trichlorobenzene	NA	-	-	ND (0.001)	ND (0.00089)	ND (0.0018)	ND (0.0014)	ND (0.0019)	ND (0.0011)	ND (0.00091)	-	-	ND (0.001)	ND (0.0013)	ND (0.0012)	ND (0.0015)	ND (0.0013)	ND (0.0011)	ND (0.0017)
1,2,4-Trimethylbenzene	190	-	-	ND (0.001)	ND (0.00089)	ND (0.0018)	ND (0.0014)	ND (0.0019)	ND (0.0011)	ND (0.00091)	-	-	ND (0.001)	ND (0.0013)	ND (0.0012)	ND (0.0015)	ND (0.0013)	ND (0.0011)	ND (0.0017)
1,2-Dibromo-3-chloropropane (DBCP)	NA	-	-	ND (0.001)	ND (0.00089)	ND (0.0018)	ND (0.0014)	ND (0.0019)	ND (0.0011)	ND (0.00091)	-	-	ND (0.001)	ND (0.0013)	ND (0.0012)	ND (0.0015)	ND (0.0013)	ND (0.0011)	ND (0.0017)
1,2-Dibromoethane (Ethylene Dibromide)	NA	-	-	ND (0.001)	ND (0.00089)	ND (0.0018)	ND (0.0014)	ND (0.0019)	ND (0.0011)	ND (0.00091)	-	-	ND (0.001)	ND (0.0013)	ND (0.0012)	ND (0.0015)	ND (0.0013)	ND (0.0011)	ND (0.0017)
1,2-Dichlorobenzene	500	-	-	ND (0.001)	ND (0.00089)	ND (0.0018)	ND (0.0014)	ND (0.0019)	ND (0.0011)	ND (0.00091)	-	-	ND (0.001)	ND (0.0013)	ND (0.0012)	ND (0.0015)	ND (0.0013)	ND (0.0011)	ND (0.0017)
1,2-Dichloroethane	30	-	-	ND (0.001)	ND (0.00089)	ND (0.0018)	ND (0.0014)	ND (0.0019)	ND (0.0011)	ND (0.00091)	-	-	ND (0.001)	ND (0.0013)	ND (0.0012)	ND (0.0015)	ND (0.0013)	ND (0.0011)	ND (0.0017)
1,2-Dichloropropane	NA	-	-	ND (0.001)	ND (0.00089)	ND (0.0018)	ND (0.0014)	ND (0.0019)	ND (0.0011)	ND (0.00091)	-	-	ND (0.001)	ND (0.0013)	ND (0.0012)	ND (0.0015)	ND (0.0013)	ND (0.0011)	ND (0.0017)
1,3,5-Trimethylbenzene	190	-	-	ND (0.001)	ND (0.00089)	ND (0.0018)	ND (0.0014)	ND (0.0019)	ND (0.0011)	ND (0.00091)	-	-	ND (0.001)	ND (0.0013)	ND (0.0012)	ND (0.0015)	ND (0.0013)	ND (0.0011)	ND (0.0017)
1,3-Dichlorobenzene	280	-	-	ND (0.001)	ND (0.00089)	ND (0.0018)	ND (0.0014)	ND (0.0019)	ND (0.0011)	ND (0.00091)	-	-	ND (0.001)	ND (0.0013)	ND (0.0012)	ND (0.0015)	ND (0.0013)	ND (0.0011)	ND (0.0017)
1,4-Dichlorobenzene	130	-	-	ND (0.001)	ND (0.00089)	ND (0.0018)	ND (0.0014)	ND (0.0019)	ND (0.0011)	ND (0.00091)	-	-	ND (0.001)	ND (0.0013)	ND (0.0012)	ND (0.0015)	ND (0.0013)	ND (0.0011)	ND (0.0017)
2-Butanone (Methyl Ethyl Ketone)	500	-	-	ND (0.0052)	ND (0.0045)	ND (0.0088)	ND (0.0069)	ND (0.0095)	ND (0.0054)	ND (0.0046)	-	-	ND (0.0052)	ND (0.0065)	ND (0.0061)	ND (0.0074)	ND (0.0065)	ND (0.0055)	ND (0.0084)
2-Hexanone (Methyl Butyl Ketone)	NA	-	-	ND (0.0052)	ND (0.0045)	ND (0.0088)	ND (0.0069)	ND (0.0095)	ND (0.0054)	ND (0.0046)	-	-	ND (0.0052)	ND (0.0065)	ND (0.0061)	ND (0.0074)	ND (0.0065)	ND (0.0055)	ND (0.0084)
2-Phenylbutane (sec-Butylbenzene)	500	-	-	ND (0.001)	ND (0.00089)	ND (0.0018)	ND (0.0014)	ND (0.0019)	ND (0.0011)	ND (0.00091)	-	-	ND (0.001)	ND (0.0013)	ND (0.0012)	ND (0.0015)	ND (0.0013)	ND (0.0011)	ND (0.0017)
4-Methyl-2-Pentanone (Methyl Isobutyl Ketone)	NA	-	-	ND (0.0052)	ND (0.0045)	ND (0.0088)	ND (0.0069)	ND (0.0095)	ND (0.0054)	ND (0.0046)	-	-	ND (0.0052)	ND (0.0065)	ND (0.0061)	ND (0.0074)	ND (0.0065)	ND (0.0055)	ND (0.0084)
Acetone	500	-	-	0.006 J	0.017	0.097	0.099	0.11	0.11	0.078	-	-	0.059	0.1	0.031	0.37	0.076	0.3	0.048
Benzene	44	-	-	ND (0.001)	ND (0.00089)	ND (0.0018)	ND (0.0014)	ND (0.0019)	ND (0.0011)	ND (0.00091)	-	-	ND (0.001)	ND (0.0013)	ND (0.0012)	ND (0.0015)	ND (0.0013)	ND (0.0011)	ND (0.0017)
Bromodichloromethane	NA	-	-	ND (0.001)	ND (0.00089)	ND (0.0018)	ND (0.0014)	ND (0.0019)	ND (0.0011)	ND (0.00091)	-	-	ND (0.001)	ND (0.0013)	ND (0.0012)	ND (0.0015)	ND (0.0013)	ND (0.0011)	ND (0.0017)
Bromoform	NA	-	-	ND (0.001)	ND (0.00089)	ND (0.0018)	ND (0.0014)	ND (0.0019)	ND (0.0011)	ND (0.00091)	-	-	ND (0.001)	ND (0.0013)	ND (0.0012)	ND (0.0015)	ND (0.0013)	ND (0.0011)	ND (0.0017)
Bromomethane (Methyl Bromide)	NA	-	-	ND (0.0021)	ND (0.0018)	ND (0.0035)	ND (0.0027)	ND (0.0038)	ND (0.0022)	ND (0.0018)	-	-	ND (0.0021)	ND (0.0026)	ND (0.0024)	ND (0.003)	ND (0.0026)	ND (0.0022)	ND (0.0033)
Carbon disulfide	NA	-	-	ND (0.001)	ND (0.00089)	ND (0.0018)	ND (0.0014)	ND (0.0019)	ND (0.0011)	ND (0.00091)	-	-	ND (0.001)	ND (0.0013)	ND (0.0012)	ND (0.0015)	ND (0.0013)	ND (0.0011)	ND (0.0017)
Carbon tetrachloride	22	-	-	ND (0.001)	ND (0.00089)	ND (0.0018)	ND (0.0014)	ND (0.0019)	ND (0.0011)	ND (0.00091)	-	-	ND (0.001)	ND (0.0013)	ND (0.0012)	ND (0.0015)	ND (0.0013)	ND (0.0011)	ND (0.0017)
Chlorobenzene	500	-	-	ND (0.001)	ND (0.00089)	ND (0.0018)	ND (0.0014)	ND (0.0019)	ND (0.0011)	ND (0.00091)	-	-	ND (0.001)	ND (0.0013)	ND (0.0012)	ND (0.0015)	ND (0.0013)	ND (0.0011)	ND (0.0017)
Chlorobromomethane	NA	-	-	ND (0.001)	ND (0.00089)	ND (0.0018)	ND (0.0014)	ND (0.0019)	ND (0.0011)	ND (0.00091)	-	-	ND (0.001)	ND (0.0013)	ND (0.0012)	ND (0.0015)	ND (0.0013)	ND (0.0011)	ND (0.0017)
Chloroethane	NA	-	-	ND (0.001)	ND (0.00089)	ND (0.0018)	ND (0.0014)	ND (0.0019)	ND (0.0011)	ND (0.00091)	-	-	ND (0.001)	ND (0.0013)	ND (0.0012)	ND (0.0015)	ND (0.0013)	ND (0.0011)	ND (0.0017)
Chloroform (Trichloromethane)	350	-	-	ND (0.001)	ND (0.00089)	ND (0.0018)	ND (0.0014)	ND (0.0019)	ND (0.0011)	ND (0.00091)	-	-	ND (0.001)	ND (0.0013)	ND (0.0012)	ND (0.0015)	ND (0.0013)	ND (0.0011)	ND (0.0017)
Chloromethane (Methyl Chloride)	NA	-	-	ND (0.001)	ND (0.00089)	ND (0.0018)	ND (0.0014)	ND (0.0019)	ND (0.0011)	ND (0.00091)	-	-	ND (0.001)	ND (0.0013)	ND (0.0012)	ND (0.0015)	ND (0.0013)	ND (0.0011)	ND (0.0017)
cis-1,2-Dichloroethene	500	-	-	ND (0.001)	ND (0.00089)	ND (0.0018)	ND (0.0014)	ND (0.0019)	ND (0.0011)	ND (0.00091)	-	-	ND (0.001)	ND (0.0013)	ND (0.0012)	ND (0.0015)	ND (0.0013)	ND (0.0011)	ND (0.0017)
cis-1,3-Dichloropropene	NA	-	-	ND (0.001)	ND (0.00089)	ND (0.0018)	ND (0.0014)	ND (0.0019)	ND (0.0011)	ND (0.00091)	-	-	ND (0.001)	ND (0.0013)	ND (0.0012)	ND (0.0015)	ND (0.0013)	ND (0.0011)	ND (0.0017)
Cyclohexane	NA	-	-	ND (0.001)	ND (0.00089)	ND (0.0018)	ND (0.0014)	ND (0.0019)	ND (0.0011)	ND (0.00091)	-	-	ND (0.001)	ND (0.0013)	ND (0.0012)	ND (0.0015)	ND (0.0013)	ND (0.0011)	ND (0.0017)
Dibromochloromethane	NA	-	-	ND (0.001)	ND (0.00089)	ND (0.0018)	ND (0.0014)	ND (0.0019)	ND (0.0011)	ND (0.00091)	-	-	ND (0.001)	ND (0.0013)	ND (0.0012)	ND (0.0015)	ND (0.0013)	ND (0.0011)	ND (0.0017)
Dichlorodifluoromethane (CFC-12)	NA	-	-	ND (0.001) *	ND (0.00089) *	ND (0.0018) *	ND (0.0014) *	ND (0.0019) *	ND (0.0011) *	ND (0.00091) *	-	-	ND (0.001) *	ND (0.0013) *	ND (0.0012) *	ND (0.0015) *	ND (0.0013) *	ND (0.0011) *	ND (0.0017) *
Ethylbenzene	390	-	-	ND (0.001)	ND (0.00089)	ND (0.0018)	ND (0.0014)	ND (0.0019)	ND (0.0011)	ND (0.00091)	-	-	ND (0.001)	ND (0.0013)	ND (0.0012)	ND (0.0015)	ND (0.0013)	ND (0.0011)	ND (0.0017)
Isopropylbenzene (Cumene)	NA	-	-	ND (0.001)	ND (0.00089)	ND (0.0018)	ND (0.0014)	ND (0.0019)	ND (0.0011)	ND (0.00091)	-	-	ND (0.001)	ND (0.0013)	ND (0.0012)	ND (0.0015)	ND (0.0013)	ND (0.0011)	ND (0.0017)
m,p-Xylenes	NA	-	-	ND (0.001)	ND (0.00089)	ND (0.0018)	ND (0.0014)	ND (0.0019)	ND (0.0011)	ND (0.00091)	-	-	ND (0.001)	ND (0.0013)	ND (0.0012)	ND (0.0015)	ND (0.0013)	ND (0.0011)	ND (0.0017)
Methyl acetate	NA	-	-	ND (0.0052)	ND (0.0045)	ND (0.0088)	ND (0.0069)	ND (0.0095)	ND (0.0054)	ND (0.0046)	-	-	ND (0.0052)	ND (0.0065)	ND (0.0061)	ND (0.0074)	ND (0.0065)	ND (0.0055)	ND (0.0084)
Methyl Tert Butyl Ether (MTBE)	500	-	-	ND (0.001)	ND (0.00089)	ND (0.0018)	ND (0.0014)	ND (0.0019)	ND (0.0011)	ND (0.00091)	-	-	ND (0.001)	ND (0.0013)	ND (0.0012)	ND (0.0015)	ND (0.0013)	ND (0.0011)	ND (0.0017)
Methylcyclohexane	NA	-	-	ND (0.001)	ND (0.00089)	ND (0.0018)	ND (0.0014)	ND (0.0019)	ND (0.0011)	ND (0.00091)	-	-	ND (0.001)	ND (0.0013)	ND (0.0012)	ND (0.0015)	ND (0.0013)	ND (0.0011)	ND (0.0017)
Methylene chloride (Dichloromethane)	500	-	-	ND (0.0021)	ND (0.0018)	ND (0.0035)	ND (0.0027)	ND (0.0038)	ND (0.0022)	ND (0.0018)	-	-	ND (0.0021)	ND (0.0026)	0.0018 J	ND (0.003)	ND (0.0026)	ND (0.0022)	ND (0.0033)
n-Butylbenzene	500	-	-	ND (0.001)	ND (0.00089)	ND (0.0018)	ND (0.0014)	ND (0.0019)	ND (0.0011)	ND (0.00091)	-	-	ND (0.001)	ND (0.0013)	ND (0.0012)	ND (0.0015)	ND (0.0013)	ND (0.0011)	ND (0.0017)
n-Propylbenzene	500	-	-	ND (0.001)	ND (0.00089)	ND (0.0018)	ND (0.0014)	ND (0.0019)	ND (0.0011)	ND (0.00091)	-	-	ND (0.001)	ND (0.0013)	ND (0.0012)	ND (0.0015)	ND (0.0013)	ND (0.0011)	ND (0.0017)
o-Xylene	NA	-	-	ND (0.001)	ND (0.00089)	ND (0.0018)	ND (0.0014)	ND (0.0019)	ND (0.0011)	ND (0.00091)	-	-	ND (0.001)	ND (0.0013)	ND (0.0012)	ND (0.0015)	ND (0.0013)	ND (0.0011)	ND (0.0017)
Styrene	NA	-	-	ND (0.001)	ND (0.00089)	ND (0.0018)	ND (0.0014)	ND (0.0019)	ND (0.0011)	ND (0.00091)	-	-	ND (0.001)	ND (0.0013)	ND (0.0012)	ND (0.0015)	ND (0.0013)	ND (0.0011)	ND (0.0017)
tert-Butylbenzene	500	-	-	ND (0.001)	ND (0.00089)	ND (0.0018)	ND (0.0014)	ND (0.0019)	ND (0.0011)	ND (0.00091)	-	-	ND (0.001)	ND (0.0013)	ND (0.0012)	ND (0.0015)	ND (0.0013)	ND (0.0011)	ND (0.0017)
Tetrachloroethene	150	-	-	ND (0.001)	ND (0.00089)	ND (0.0018)	ND (0.0014)	ND (0.0019)	ND (0.0011)	ND (0.00091)	-	-	ND (0.001)	ND (0.0013)	ND (0.0012)	ND (0.0015)	ND (0.0013)	ND (0.0011)	ND (0.0017)
Toluene	500	-	-	ND (0.001)	ND (0.00089)	ND (0.0018)	ND (0.0014)	0.00072 J	ND (0.0011)	0.0004 J	-	-	ND (0.001)	ND (0.0013)	ND (0.0012)	ND (0.0015)	ND (0.0013)	ND (0.0011)	ND (0.0017)
trans-1,2-Dichloroethene	500	-	-	ND (0.001)	ND (0.00089)	ND (0.0018)	ND (0.0014)	ND (0.0019)	ND (0.0011)	ND (0.00091)	-	-	ND (0.001)	ND (0.0013)	ND (0.0012)	ND (0.0015)	ND (0.0013)	ND (0.0011)	ND (0.0017)
trans-1,3-Dichloropropene	NA	-	-	ND (0.001)	ND (0.00089)	ND (0.0018)	ND (0.0014)	ND (0.0019)	ND (0.0011)	ND (0.00091)	-	-	ND (0.001)	ND (0.0013)	ND (0.0012)	ND (0.0015)	ND (0.0013)	ND (0.0011)	ND (0.0017)
Trichloroethene	200	-	-	ND (0.001)	ND (0.00089)	ND (0.0018)	ND (0.0014)	ND (0.0019)	ND (0.0011)	ND (0.00091)	-	-	ND (0.001)	ND (0.0013)	ND (0.0012)	ND (0.0015)	ND (0.0013)	ND (0.0011)	ND (0.0017)
Trichlorofluoromethane (CFC-11)	NA	-	-	ND (0.001)	ND (0.00089)	ND (0.0018)	ND (0.0014)	ND (0.0019)	ND (0.0011)	ND (0.00091)	-	-	ND (0.001)	ND (0.0013)	ND (0.0012)	ND (0.0015)	ND (0.0013)	ND (0.0011)	ND (0.0017)
Trifluorotrichloroethane (Freon 113)	NA	-	-	ND (0.001)	ND (0.00089)	ND (0.0018)	ND (0.0014)	ND (0.0019)	ND (0.0011)	ND (0.00091)	-	-	ND (0.001)	ND (0.0013)	ND (0.0012)	ND (0.0015)	ND (0.0013)	ND (0.0011)	ND (0.0017)
Vinyl chloride	13	-	-	ND (0.001)	ND (0.00089)	ND (0.0018)	ND (0.0014)	ND (0.0019)	ND (0.0011)	ND (0.00091)	-	-	ND (0.001)	ND (0.0013)	ND (0.0012)	ND (0.0015)	ND (0.0013)	ND (0.0011)	ND (0.0017)
Xylene (Total)	500	-	-	ND (0.0021)	ND (0.0018)	ND (0.0035)	ND (0.0027)	ND (0.0038)	ND (0.0022)	ND (0.0018)	-	-	ND (0.0021)	ND (0.0026)	ND (0.0024)	ND (0.003)	ND (0.0026)	ND (0.0022)	ND (0.0033)

TABLE 1
SUMMARY OF SOIL QUALITY DATA - BERM 1
FORMER PORT MOBIL TERMINAL
STATEN ISLAND, NEW YORK
FILE NO. 0208998

	Criteria																		
Location Name	NY Part 375	1E	1E	1E1	1E1	1E2	1E2	1E2	1E3	1E3	1F	1F	1F1	1F1	1F1	1F2	1F2	1F3	1F3
Sample Name	Commercial	1E_0-7	1E_7-14	1E1_1-2	1E1_6-7	1E2_3-4	1E2_8-9	1E2_13-14	1E3_4-5	1E3_10-11	1F_0-7	1F_7-14	1F1_2-3	1F1_7-8	1F1_12-13	1F2_4-5	1F2_8-9	1F3_5-6	1F3_10-11
Sample Date	Use	10/03/2025	10/03/2025	10/03/2025	10/03/2025	10/03/2025	10/03/2025	10/03/2025	10/03/2025	10/03/2025	10/03/2025	10/03/2025	10/03/2025	10/03/2025	10/03/2025	10/03/2025	10/03/2025	10/03/2025	10/03/2025
Lab Sample ID	Soil Cleanup	460-336467-13	460-336467-14	460-336467-63	460-336467-66	460-336467-64	460-336467-67	460-336467-69	460-336467-65	460-336467-68	460-336467-15	460-336467-16	460-336467-70	460-336467-73	460-336467-76	460-336467-71	460-336467-74	460-336467-72	460-336467-75
Sample Depth (bgs)	Objectives	0 - 7 (ft)	7 - 14 (ft)	1 - 2 (ft)	6 - 7 (ft)	3 - 4 (ft)	8 - 9 (ft)	13 - 14 (ft)	4 - 5 (ft)	10 - 11 (ft)	0 - 7 (ft)	7 - 14 (ft)	2 - 3 (ft)	7 - 8 (ft)	12 - 13 (ft)	4 - 5 (ft)	8 - 9 (ft)	5 - 6 (ft)	10 - 11 (ft)
Semi-Volatile Organic Compounds (mg/kg)																			
1,2,4,5-Tetrachlorobenzene	NA	ND (0.35)	ND (0.39)	-	-	-	-	-	-	-	ND (0.35)	ND (0.35)	-	-	-	-	-	-	-
1,4-Dioxane	130	ND (0.035)	ND (0.039)	-	-	-	-	-	-	-	ND (0.035)	ND (0.035)	-	-	-	-	-	-	-
2,2'-oxybis(1-Chloropropane)	NA	ND (0.35)	ND (0.39)	-	-	-	-	-	-	-	ND (0.35)	ND (0.35)	-	-	-	-	-	-	-
2,3,4,6-Tetrachlorophenol	NA	ND (0.35)	ND (0.39)	-	-	-	-	-	-	-	ND (0.35)	ND (0.35)	-	-	-	-	-	-	-
2,4,5-Trichlorophenol	NA	ND (0.35)	ND (0.39)	-	-	-	-	-	-	-	ND (0.35)	ND (0.35)	-	-	-	-	-	-	-
2,4,6-Trichlorophenol	NA	ND (0.14)	ND (0.16)	-	-	-	-	-	-	-	ND (0.14)	ND (0.14)	-	-	-	-	-	-	-
2,4-Dichlorophenol	NA	ND (0.14)	ND (0.16)	-	-	-	-	-	-	-	ND (0.14)	ND (0.14)	-	-	-	-	-	-	-
2,4-Dimethylphenol	NA	ND (0.35)	ND (0.39)	-	-	-	-	-	-	-	ND (0.35)	ND (0.35)	-	-	-	-	-	-	-
2,4-Dinitrophenol	NA	ND (0.28)	ND (0.31)	-	-	-	-	-	-	-	ND (0.28)	ND (0.28)	-	-	-	-	-	-	-
2,4-Dinitrotoluene	NA	ND (0.072)	ND (0.078)	-	-	-	-	-	-	-	ND (0.07)	ND (0.072)	-	-	-	-	-	-	-
2,6-Dinitrotoluene	NA	ND (0.072)	ND (0.078)	-	-	-	-	-	-	-	ND (0.07)	ND (0.072)	-	-	-	-	-	-	-
2-Chloronaphthalene	NA	ND (0.35)	ND (0.39)	-	-	-	-	-	-	-	ND (0.35)	ND (0.35)	-	-	-	-	-	-	-
2-Chlorophenol	NA	ND (0.35)	ND (0.39)	-	-	-	-	-	-	-	ND (0.35)	ND (0.35)	-	-	-	-	-	-	-
2-Methylnaphthalene	NA	ND (0.35)	ND (0.39)	-	-	-	-	-	-	-	ND (0.35)	0.014 J	-	-	-	-	-	-	-
2-Methylphenol (o-Cresol)	500	ND (0.35)	ND (0.39)	-	-	-	-	-	-	-	ND (0.35)	ND (0.35)	-	-	-	-	-	-	-
2-Nitroaniline	NA	ND (0.35)	ND (0.39)	-	-	-	-	-	-	-	ND (0.35)	ND (0.35)	-	-	-	-	-	-	-
2-Nitrophenol	NA	ND (0.35)	ND (0.39)	-	-	-	-	-	-	-	ND (0.35)	ND (0.35)	-	-	-	-	-	-	-
3&4-Methylphenol	NA	ND (0.35)	ND (0.39)	-	-	-	-	-	-	-	ND (0.35)	ND (0.35)	-	-	-	-	-	-	-
3,3'-Dichlorobenzidine	NA	ND (0.14)	ND (0.16)	-	-	-	-	-	-	-	ND (0.14)	ND (0.14)	-	-	-	-	-	-	-
3-Nitroaniline	NA	ND (0.35)	ND (0.39)	-	-	-	-	-	-	-	ND (0.35)	ND (0.35)	-	-	-	-	-	-	-
4,6-Dinitro-2-methylphenol	NA	ND (0.28)	ND (0.31)	-	-	-	-	-	-	-	ND (0.28)	ND (0.28)	-	-	-	-	-	-	-
4-Bromophenyl phenyl ether (BDE-3)	NA	ND (0.35)	ND (0.39)	-	-	-	-	-	-	-	ND (0.35)	ND (0.35)	-	-	-	-	-	-	-
4-Chloro-3-methylphenol	NA	ND (0.35)	ND (0.39)	-	-	-	-	-	-	-	ND (0.35)	ND (0.35)	-	-	-	-	-	-	-
4-Chloroaniline	NA	ND (0.35)	ND (0.39)	-	-	-	-	-	-	-	ND (0.35)	ND (0.35)	-	-	-	-	-	-	-
4-Chlorophenyl phenyl ether	NA	ND (0.35)	ND (0.39)	-	-	-	-	-	-	-	ND (0.35)	ND (0.35)	-	-	-	-	-	-	-
4-Methylphenol	500	ND (0.35)	ND (0.39)	-	-	-	-	-	-	-	ND (0.35)	ND (0.35)	-	-	-	-	-	-	-
4-Nitroaniline	NA	ND (0.35)	ND (0.39)	-	-	-	-	-	-	-	ND (0.35)	ND (0.35)	-	-	-	-	-	-	-
4-Nitrophenol	NA	ND (0.72)	ND (0.78)	-	-	-	-	-	-	-	ND (0.7)	ND (0.72)	-	-	-	-	-	-	-
Acenaphthene	500	ND (0.35)	ND (0.39)	-	-	-	-	-	-	-	ND (0.35)	ND (0.35)	-	-	-	-	-	-	-
Acenaphthylene	500	ND (0.35)	ND (0.39)	-	-	-	-	-	-	-	ND (0.35)	ND (0.35)	-	-	-	-	-	-	-
Acetophenone	NA	ND (0.35)	ND (0.39)	-	-	-	-	-	-	-	ND (0.35)	ND (0.35)	-	-	-	-	-	-	-
Anthracene	500	ND (0.35)	ND (0.39)	-	-	-	-	-	-	-	ND (0.35)	ND (0.35)	-	-	-	-	-	-	-
Atrazine	NA	ND (0.14)	ND (0.16)	-	-	-	-	-	-	-	ND (0.14)	ND (0.14)	-	-	-	-	-	-	-
Benzaldehyde	NA	ND (0.35)	ND (0.39)	-	-	-	-	-	-	-	ND (0.35)	ND (0.35)	-	-	-	-	-	-	-
Benzo(a)anthracene	5.6	ND (0.035)	ND (0.039)	-	-	-	-	-	-	-	ND (0.035)	ND (0.035)	-	-	-	-	-	-	-
Benzo(a)pyrene	1	ND (0.035)	ND (0.039)	-	-	-	-	-	-	-	ND (0.035)	ND (0.035)	-	-	-	-	-	-	-
Benzo(b)fluoranthene	5.6	ND (0.035)	ND (0.039)	-	-	-	-	-	-	-	ND (0.035)	ND (0.035)	-	-	-	-	-	-	-
Benzo(g,h,i)perylene	500	ND (0.35)	ND (0.39)	-	-	-	-	-	-	-	ND (0.35)	ND (0.35)	-	-	-	-	-	-	-
Benzo(k)fluoranthene	56	ND (0.035)	ND (0.039)	-	-	-	-	-	-	-	ND (0.035)	ND (0.035)	-	-	-	-	-	-	-
Biphenyl	NA	ND (0.35)	ND (0.39)	-	-	-	-	-	-	-	ND (0.35)	ND (0.35)	-	-	-	-	-	-	-
bis(2-Chloroethoxy)methane	NA	ND (0.35)	ND (0.39)	-	-	-	-	-	-	-	ND (0.35)	ND (0.35)	-	-	-	-	-	-	-
bis(2-Chloroethyl)ether	NA	ND (0.035)	ND (0.039)	-	-	-	-	-	-	-	ND (0.035)	ND (0.035)	-	-	-	-	-	-	-
bis(2-Ethylhexyl)phthalate	NA	ND (0.35)	ND (0.39)	-	-	-	-	-	-	-	ND (0.35)	ND (0.35)	-	-	-	-	-	-	-
Butyl benzylphthalate (BBP)	NA	ND (0.35)	ND (0.39)	-	-	-	-	-	-	-	ND (0.35)	ND (0.35)	-	-	-	-	-	-	-
Caprolactam	NA	ND (0.35)	ND (0.39)	-	-	-	-	-	-	-	ND (0.35)	ND (0.35)	-	-	-	-	-	-	-
Carbazole	NA	ND (0.35)	ND (0.39)	-	-	-	-	-	-	-	ND (0.35)	ND (0.35)	-	-	-	-	-	-	-
Chrysene	56	ND (0.35)	ND (0.39)	-	-	-	-	-	-	-	ND (0.35)	ND (0.35)	-	-	-	-	-	-	-
Dibenz(a,h)anthracene	0.56	ND (0.035)	ND (0.039)	-	-	-	-	-	-	-	ND (0.035)	ND (0.035)	-	-	-	-	-	-	-
Dibenzofuran	350	ND (0.35)	ND (0.39)	-	-	-	-	-	-	-	ND (0.35)	ND (0.35)	-	-	-	-	-	-	-
Diethyl phthalate	NA	ND (0.35)	ND (0.39)	-	-	-	-	-	-	-	ND (0.35)	ND (0.35)	-	-	-	-	-	-	-
Dimethyl phthalate	NA	ND (0.35)	ND (0.39)	-	-	-	-	-	-	-	ND (0.35)	ND (0.35)	-	-	-	-	-	-	-
Di-n-butylphthalate (DBP)	NA	ND (0.35)	ND (0.39)	-	-	-	-	-	-	-	ND (0.35)	ND (0.35)	-	-	-	-	-	-	-
Di-n-octyl phthalate (DnOP)	NA	ND (0.35)	ND (0.39)	-	-	-	-	-	-	-	ND (0.35)	ND (0.35)	-	-	-	-	-	-	-
Fluoranthene	500	ND (0.35)	ND (0.39)	-	-	-	-	-	-	-	ND (0.35)	ND (0.35)	-	-	-	-	-	-	-
Fluorene	500	ND (0.35)	ND (0.39)	-	-	-	-	-	-	-	ND (0.35)	ND (0.35)	-	-	-	-	-	-	-
Hexachlorobenzene	6	ND (0.035)	ND (0.039)	-	-	-	-	-	-	-	ND (0.035)	ND (0.035)	-	-	-	-	-	-	-
Hexachlorobutadiene	NA	ND (0.072)	ND (0.078)	-	-	-	-	-	-	-	ND (0.07)	ND (0.072)	-	-	-	-	-	-	-
Hexachlorocyclopentadiene	NA	ND (0.35)	ND (0.39)	-	-	-	-	-	-	-	ND (0.35)	ND (0.35)	-	-	-	-	-	-	-
Hexachloroethane	NA	ND (0.035)	ND (0.039)	-	-	-	-	-	-	-	ND (0.035)	ND (0.035)	-	-	-	-	-	-	-
Indeno(1,2,3-cd)pyrene	5.6	ND (0.035)	ND (0.039)	-	-	-	-	-	-	-	ND (0.035)	ND (0.035)	-	-	-	-	-	-	-
Isophorone	NA	ND (0.14)	ND (0.16)	-	-	-	-	-	-	-	ND (0.14)	ND (0.14)	-	-	-	-	-	-	-
Naphthalene	500	ND (0.35)	ND (0.39)	-	-	-	-	-	-	-	ND (0.35)	0.011 J	-	-	-	-	-	-	-
Nitrobenzene	NA	ND (0.035)	ND (0.039)	-	-	-	-	-	-	-	ND (0.035)	ND (0.035)	-	-	-	-	-	-	-
N-Nitrosodi-n-propylamine	NA	ND (0.035)	ND (0.039)	-	-	-	-	-	-	-	ND (0.035)	ND (0.035)	-	-	-	-	-	-	-
N-Nitrosodiphenylamine	NA	ND (0.35)	ND (0.39)	-	-	-	-	-	-	-	ND (0.35)	ND (0.35)	-	-	-	-	-	-	-
Pentachlorophenol	6.7	ND (0.28)	ND (0.31)	-	-	-	-	-	-	-	ND (0.28)	ND (0.28)	-	-	-	-	-	-	-
Phenanthrene	500	ND (0.35)	ND (0.39)	-	-	-	-	-	-	-	ND (0.35)	0.021 J	-	-	-	-	-	-	-
Phenol	500	ND (0.35)	ND (0.39)	-	-	-	-	-	-	-	ND (0.35)	ND (0.35)	-	-	-	-	-	-	-
Pyrene	500	ND (0.35)	ND (0.39)	-	-	-	-	-	-	-	ND (0.35)	ND (0.35)	-	-	-	-	-	-	-

TABLE 1
SUMMARY OF SOIL QUALITY DATA - BERM 1
FORMER PORT MOBIL TERMINAL
STATEN ISLAND, NEW YORK
FILE NO. 0208998

	Criteria																		
Location Name	NY Part 375	1E	1E	1E1	1E1	1E2	1E2	1E2	1E3	1E3	1F	1F	1F1	1F1	1F1	1F2	1F2	1F3	1F3
Sample Name	Commercial	1E_0-7	1E_7-14	1E1_1-2	1E1_6-7	1E2_3-4	1E2_8-9	1E2_13-14	1E3_4-5	1E3_10-11	1F_0-7	1F_7-14	1F1_2-3	1F1_7-8	1F1_12-13	1F2_4-5	1F2_8-9	1F3_5-6	1F3_10-11
Sample Date	Use	10/03/2025	10/03/2025	10/03/2025	10/03/2025	10/03/2025	10/03/2025	10/03/2025	10/03/2025	10/03/2025	10/03/2025	10/03/2025	10/03/2025	10/03/2025	10/03/2025	10/03/2025	10/03/2025	10/03/2025	10/03/2025
Lab Sample ID	Soil Cleanup	460-336467-13	460-336467-14	460-336467-63	460-336467-66	460-336467-64	460-336467-67	460-336467-69	460-336467-65	460-336467-68	460-336467-15	460-336467-16	460-336467-70	460-336467-73	460-336467-76	460-336467-71	460-336467-74	460-336467-72	460-336467-75
Sample Depth (bgs)	Objectives	0 - 7 (ft)	7 - 14 (ft)	1 - 2 (ft)	6 - 7 (ft)	3 - 4 (ft)	8 - 9 (ft)	13 - 14 (ft)	4 - 5 (ft)	10 - 11 (ft)	0 - 7 (ft)	7 - 14 (ft)	2 - 3 (ft)	7 - 8 (ft)	12 - 13 (ft)	4 - 5 (ft)	8 - 9 (ft)	5 - 6 (ft)	10 - 11 (ft)
PFAS (mg/kg)																			
11-Chloroeicosafluoro-3-Oxaundecane-1-Sulfonic Acid (11Cl-PF3OUdS)	NA	ND (0.00019)	ND (0.0002)	-	-	-	-	-	-	-	ND (0.00019)	ND (0.0002)	-	-	-	-	-	-	-
2H,2H,3H,3H-Perfluorooctanoic acid (5:3 FTCA)	NA	ND (0.00097)	ND (0.00098)	-	-	-	-	-	-	-	ND (0.00096)	ND (0.00099)	-	-	-	-	-	-	-
3-(Perfluoroheptyl)propanoic acid (7:3 FTCA)	NA	ND (0.00097)	ND (0.00098)	-	-	-	-	-	-	-	ND (0.00096)	ND (0.00099)	-	-	-	-	-	-	-
3:3 Fluorotelomer carboxylic acid (3:3 FTCA)	NA	ND (0.00039)	ND (0.00039)	-	-	-	-	-	-	-	ND (0.00039)	ND (0.0004)	-	-	-	-	-	-	-
4,8-Dioxa-3H-Perfluorononanoic Acid (ADONA)	NA	ND (0.00019)	ND (0.0002)	-	-	-	-	-	-	-	ND (0.00019)	ND (0.0002)	-	-	-	-	-	-	-
4:2 Fluorotelomer sulfonic acid (4:2 FTS)	NA	ND (0.00039)	ND (0.00039)	-	-	-	-	-	-	-	ND (0.00039)	ND (0.0004)	-	-	-	-	-	-	-
6:2 Fluorotelomer sulfonic acid (6:2 FTS)	NA	ND (0.00039)	ND (0.00039)	-	-	-	-	-	-	-	ND (0.00039)	ND (0.0004)	-	-	-	-	-	-	-
8:2 Fluorotelomer sulfonic acid (8:2 FTS)	NA	ND (0.00039)	ND (0.00039)	-	-	-	-	-	-	-	ND (0.00039)	ND (0.0004)	-	-	-	-	-	-	-
9-Chlorohexadecafluoro-3-Oxanone-1-Sulfonic Acid (9Cl-PF3ONS)	NA	ND (0.00019)	ND (0.0002)	-	-	-	-	-	-	-	ND (0.00019)	ND (0.0002)	-	-	-	-	-	-	-
N-Ethyl Perfluorooctanesulfonamidoacetic Acid (NEtFOSAA)	NA	ND (0.00019)	ND (0.0002)	-	-	-	-	-	-	-	ND (0.00019)	ND (0.0002)	-	-	-	-	-	-	-
N-Ethylperfluorooctane sulfonamide (N-EtFOSA)	NA	ND (0.00019)	ND (0.0002)	-	-	-	-	-	-	-	ND (0.00019)	ND (0.0002)	-	-	-	-	-	-	-
N-Ethylperfluorooctane sulfonamidoethanol (N-EtFOSE)	NA	ND (0.00097)	ND (0.00098)	-	-	-	-	-	-	-	ND (0.00096)	ND (0.00099)	-	-	-	-	-	-	-
N-Methyl Perfluorooctanesulfonamidoacetic Acid (NMeFOSAA)	NA	ND (0.00019)	ND (0.0002)	-	-	-	-	-	-	-	ND (0.00019)	ND (0.0002)	-	-	-	-	-	-	-
N-Methylperfluorooctane sulfonamide (N-MeFOSA)	NA	ND (0.00019)	ND (0.0002)	-	-	-	-	-	-	-	ND (0.00019)	ND (0.0002)	-	-	-	-	-	-	-
N-Methylperfluorooctane sulfonamidoethanol (N-MeFOSE)	NA	ND (0.00097)	ND (0.00098)	-	-	-	-	-	-	-	ND (0.00096)	ND (0.00099)	-	-	-	-	-	-	-
Nonafluoro-3,6-dioxaheptanoic acid (NFDHA)	NA	ND (0.00019)	ND (0.0002)	-	-	-	-	-	-	-	ND (0.00019)	ND (0.0002)	-	-	-	-	-	-	-
Perfluoro(2-ethoxyethane) sulphonic acid (PFEESA)	NA	ND (0.00019)	ND (0.0002)	-	-	-	-	-	-	-	ND (0.00019)	ND (0.0002)	-	-	-	-	-	-	-
Perfluoro(4-methoxybutanoic) acid (PFMBA)	NA	ND (0.00019)	ND (0.0002)	-	-	-	-	-	-	-	ND (0.00019)	ND (0.0002)	-	-	-	-	-	-	-
Perfluoro-2-propoxypropanoic acid (PFPrOPrA)(GenX) (HFPO-DA)	NA	ND (0.00019)	ND (0.0002)	-	-	-	-	-	-	-	ND (0.00019)	ND (0.0002)	-	-	-	-	-	-	-
Perfluoro-3-methoxypropanoic acid (PFMPA)	NA	ND (0.00019)	ND (0.0002)	-	-	-	-	-	-	-	ND (0.00019)	ND (0.0002)	-	-	-	-	-	-	-
Perfluorobutanesulfonic acid (PFBS)	NA	ND (0.00019)	ND (0.0002)	-	-	-	-	-	-	-	ND (0.00019)	ND (0.0002)	-	-	-	-	-	-	-
Perfluorobutanoic acid (PFBA)	NA	ND (0.00039)	ND (0.00039)	-	-	-	-	-	-	-	ND (0.00039)	ND (0.0004)	-	-	-	-	-	-	-
Perfluorodecanesulfonic acid (PFDS)	NA	ND (0.00019)	ND (0.0002)	-	-	-	-	-	-	-	ND (0.00019)	ND (0.0002)	-	-	-	-	-	-	-
Perfluorodecanoic acid (PFDA)	NA	0.000093 J	ND (0.0002)	-	-	-	-	-	-	-	0.00013 J	ND (0.0002)	-	-	-	-	-	-	-
Perfluorododecane sulfonic acid (PFDoDS)	NA	ND (0.00019)	ND (0.0002)	-	-	-	-	-	-	-	ND (0.00019)	ND (0.0002)	-	-	-	-	-	-	-
Perfluorododecanoic acid (PFDoDA)	NA	ND (0.00019)	ND (0.0002)	-	-	-	-	-	-	-	ND (0.00019)	ND (0.0002)	-	-	-	-	-	-	-
Perfluoroheptanesulfonic acid (PFHpS)	NA	ND (0.00019)	ND (0.0002)	-	-	-	-	-	-	-	ND (0.00019)	ND (0.0002)	-	-	-	-	-	-	-
Perfluoroheptanoic acid (PFHpA)	NA	ND (0.00019)	ND (0.0002)	-	-	-	-	-	-	-	ND (0.00019)	ND (0.0002)	-	-	-	-	-	-	-
Perfluorohexanesulfonic acid (PFHxS)	NA	ND (0.00019)	ND (0.0002)	-	-	-	-	-	-	-	ND (0.00019)	ND (0.0002)	-	-	-	-	-	-	-
Perfluorohexanoic acid (PFHxA)	NA	ND (0.00019)	ND (0.0002)	-	-	-	-	-	-	-	ND (0.00019)	ND (0.0002)	-	-	-	-	-	-	-
Perfluorononane sulfonic acid (PFNS)	NA	ND (0.00019)	ND (0.0002)	-	-	-	-	-	-	-	ND (0.00019)	ND (0.0002)	-	-	-	-	-	-	-
Perfluorononanoic acid (PFNA)	NA	0.00038	ND (0.0002)	-	-	-	-	-	-	-	0.00023	ND (0.0002)	-	-	-	-	-	-	-
Perfluorooctane sulfonamide (PFOSA)	NA	ND (0.00019)	ND (0.0002)	-	-	-	-	-	-	-	ND (0.00019)	ND (0.0002)	-	-	-	-	-	-	-
Perfluorooctanesulfonic acid (PFOS)	0.44	ND (0.00019)	ND (0.0002)	-	-	-	-	-	-	-	0.00013 J	ND (0.0002)	-	-	-	-	-	-	-
Perfluorooctanoic acid (PFOA)	0.5	0.000084 J	ND (0.0002)	-	-	-	-	-	-	-	0.000064 J	0.00008 J	-	-	-	-	-	-	-
Perfluoropentanesulfonic acid (PFPeS)	NA	ND (0.00019)	ND (0.0002)	-	-	-	-	-	-	-	ND (0.00019)	ND (0.0002)	-	-	-	-	-	-	-
Perfluoropentanoic acid (PFPeA)	NA	ND (0.00019)	ND (0.0002)	-	-	-	-	-	-	-	ND (0.00019)	ND (0.0002)	-	-	-	-	-	-	-
Perfluorotetradecanoic acid (PFTeDA)	NA	ND (0.00019)	ND (0.0002)	-	-	-	-	-	-	-	ND (0.00019)	ND (0.0002)	-	-	-	-	-	-	-
Perfluorotridecanoic acid (PFTrDA)	NA	0.00027	0.00013 J	-	-	-	-	-	-	-	0.00028	0.00035	-	-	-	-	-	-	-
Perfluoroundecanoic acid (PFUnDA)	NA	0.00075	0.000098 J	-	-	-	-	-	-	-	0.00073	0.00137	-	-	-	-	-	-	-
Pesticides (mg/kg)																			
4,4'-DDD	92	ND (0.0072)	ND (0.0078)	-	-	-	-	-	-	-	ND (0.0071)	ND (0.0072)	-	-	-	-	-	-	-
4,4'-DDE	62	ND (0.0072)	ND (0.0078)	-	-	-	-	-	-	-	ND (0.0071)	ND (0.0072)	-	-	-	-	-	-	-
4,4'-DDT	47	0.0048 J	ND (0.0078)	-	-	-	-	-	-	-	0.002 J	ND (0.0072)	-	-	-	-	-	-	-
Aldrin	0.68	ND (0.0072)	ND (0.0078)	-	-	-	-	-	-	-	ND (0.0071)	ND (0.0072)	-	-	-	-	-	-	-
alpha-BHC	3.4	ND (0.0022)	ND (0.0023)	-	-	-	-	-	-	-	ND (0.0021)	ND (0.0022)	-	-	-	-	-	-	-
alpha-Chlordane (cis)	24	ND (0.0072)	ND (0.0078)	-	-	-	-	-	-	-	ND (0.0071)	ND (0.0072)	-	-	-	-	-	-	-
beta-BHC	3	ND (0.0022)	ND (0.0023)	-	-	-	-	-	-	-	ND (0.0021)	ND (0.0022)	-	-	-	-	-	-	-
Chlordane	NA	ND (0.072)	ND (0.078)	-	-	-	-	-	-	-	ND (0.071)	ND (0.072)	-	-	-	-	-	-	-
delta-BHC	500	ND (0.0022)	ND (0.0023)	-	-	-	-	-	-	-	ND (0.0021)	ND (0.0022)	-	-	-	-	-	-	-
Dieldrin	1.4	ND (0.0022)	ND (0.0023)	-	-	-	-	-	-	-	ND (0.0021)	ND (0.0022)	-	-	-	-	-	-	-
Endosulfan I	200	ND (0.0072)	ND (0.0078)	-	-	-	-	-	-	-	ND (0.0071)	ND (0.0072)	-	-	-	-	-	-	-
Endosulfan II	200	ND (0.0072)	ND (0.0078)	-	-	-	-	-	-	-	ND (0.0071)	ND (0.0072)	-	-	-	-	-	-	-
Endosulfan sulfate	200	ND (0.0072)	ND (0.0078)	-	-	-	-	-	-	-	ND (0.0071)	ND (0.0072)	-	-	-	-	-	-	-
Endrin	89	ND (0.0072)	ND (0.0078)	-	-	-	-	-	-	-	ND (0.0071)	ND (0.0072)	-	-	-	-	-	-	-
Endrin aldehyde	NA	ND (0.0072)	ND (0.0078)	-	-	-	-	-	-	-	ND (0.0071)	ND (0.0072)	-	-	-	-	-	-	-
Endrin ketone	NA	ND (0.0072)	ND (0.0078)	-	-	-	-	-	-	-	ND (0.0071)	ND (0.0072)	-	-	-	-	-	-	-
gamma-BHC (Lindane)	9.2	ND (0.0022)	ND (0.0023)	-	-	-	-	-	-	-	ND (0.0021)	ND (0.0022)	-	-	-	-	-	-	-
Heptachlor	15	ND (0.0072)	ND (0.0078)	-	-	-	-	-	-	-	ND (0.0071)	ND (0.0072)	-	-	-	-	-	-	-
Heptachlor epoxide	NA	ND (0.0072)	ND (0.0078)	-	-	-	-	-	-	-	ND (0.0071)	ND (0.0072)	-	-	-	-	-	-	-
Methoxychlor	NA	ND (0.0072)	ND (0.0078)	-	-	-	-	-	-	-	ND (0.0071)	ND (0.0072)	-	-	-	-	-	-	-
Toxaphene	NA	ND (0.072)	ND (0.078)	-	-	-	-	-	-	-	ND (0.071)	ND (0.072)	-	-	-	-	-	-	-

TABLE 1
SUMMARY OF SOIL QUALITY DATA - BERM 1
FORMER PORT MOBIL TERMINAL
STATEN ISLAND, NEW YORK
FILE NO. 0208998

	Criteria																		
Location Name	NY Part 375	1E	1E	1E1	1E1	1E2	1E2	1E2	1E3	1E3	1F	1F	1F1	1F1	1F1	1F2	1F2	1F3	1F3
Sample Name	Commercial	1E_0-7	1E_7-14	1E1_1-2	1E1_6-7	1E2_3-4	1E2_8-9	1E2_13-14	1E3_4-5	1E3_10-11	1F_0-7	1F_7-14	1F1_2-3	1F1_7-8	1F1_12-13	1F2_4-5	1F2_8-9	1F3_5-6	1F3_10-11
Sample Date	Use	10/03/2025	10/03/2025	10/03/2025	10/03/2025	10/03/2025	10/03/2025	10/03/2025	10/03/2025	10/03/2025	10/03/2025	10/03/2025	10/03/2025	10/03/2025	10/03/2025	10/03/2025	10/03/2025	10/03/2025	10/03/2025
Lab Sample ID	Soil Cleanup	460-336467-13	460-336467-14	460-336467-63	460-336467-66	460-336467-64	460-336467-67	460-336467-69	460-336467-65	460-336467-68	460-336467-15	460-336467-16	460-336467-70	460-336467-73	460-336467-76	460-336467-71	460-336467-74	460-336467-72	460-336467-75
Sample Depth (bgs)	Objectives	0 - 7 (ft)	7 - 14 (ft)	1 - 2 (ft)	6 - 7 (ft)	3 - 4 (ft)	8 - 9 (ft)	13 - 14 (ft)	4 - 5 (ft)	10 - 11 (ft)	0 - 7 (ft)	7 - 14 (ft)	2 - 3 (ft)	7 - 8 (ft)	12 - 13 (ft)	4 - 5 (ft)	8 - 9 (ft)	5 - 6 (ft)	10 - 11 (ft)
Polychlorinated Biphenyls (mg/kg)																			
Aroclor-1016 (PCB-1016)	NA	ND (0.072)	ND (0.078)	-	-	-	-	-	-	-	ND (0.071)	ND (0.072)	-	-	-	-	-	-	-
Aroclor-1221 (PCB-1221)	NA	ND (0.072)	ND (0.078)	-	-	-	-	-	-	-	ND (0.071)	ND (0.072)	-	-	-	-	-	-	-
Aroclor-1232 (PCB-1232)	NA	ND (0.072)	ND (0.078)	-	-	-	-	-	-	-	ND (0.071)	ND (0.072)	-	-	-	-	-	-	-
Aroclor-1242 (PCB-1242)	NA	ND (0.072)	ND (0.078)	-	-	-	-	-	-	-	ND (0.071)	ND (0.072)	-	-	-	-	-	-	-
Aroclor-1248 (PCB-1248)	NA	ND (0.072)	ND (0.078)	-	-	-	-	-	-	-	ND (0.071)	ND (0.072)	-	-	-	-	-	-	-
Aroclor-1254 (PCB-1254)	NA	ND (0.072)	ND (0.078)	-	-	-	-	-	-	-	ND (0.071)	ND (0.072)	-	-	-	-	-	-	-
Aroclor-1260 (PCB-1260)	NA	ND (0.072)	ND (0.078)	-	-	-	-	-	-	-	ND (0.071)	ND (0.072)	-	-	-	-	-	-	-
Aroclor-1262 (PCB-1262)	NA	ND (0.072)	ND (0.078)	-	-	-	-	-	-	-	ND (0.071)	ND (0.072)	-	-	-	-	-	-	-
Aroclor-1268 (PCB-1268)	NA	ND (0.072)	ND (0.078)	-	-	-	-	-	-	-	ND (0.071)	ND (0.072)	-	-	-	-	-	-	-
Total PCBs	1	ND (0.072)	ND (0.078)	-	-	-	-	-	-	-	ND (0.071)	ND (0.072)	-	-	-	-	-	-	-
Inorganic Compounds (mg/kg)																			
Aluminum	NA	5490	7590	-	-	-	-	-	-	-	3360	5060	-	-	-	-	-	-	-
Antimony	NA	2	0.18 J	-	-	-	-	-	-	-	1.8	0.7 J	-	-	-	-	-	-	-
Arsenic	16	12.9	3.8	-	-	-	-	-	-	-	10.2	7.2	-	-	-	-	-	-	-
Barium	400	34.3	29	-	-	-	-	-	-	-	23.5	28.7	-	-	-	-	-	-	-
Beryllium	590	0.35 J	0.49	-	-	-	-	-	-	-	0.27 J	0.39	-	-	-	-	-	-	-
Cadmium	9.3	0.14 J	ND (1.1)	-	-	-	-	-	-	-	ND (0.97)	0.96 J	-	-	-	-	-	-	-
Calcium	NA	1600	955	-	-	-	-	-	-	-	634	702	-	-	-	-	-	-	-
Chromium	NA	11.7	16.7	-	-	-	-	-	-	-	8.9	12.2	-	-	-	-	-	-	-
Cobalt	NA	4.5	5.3	-	-	-	-	-	-	-	2.8	4.5	-	-	-	-	-	-	-
Copper	270	38.9	15.3	-	-	-	-	-	-	-	20.6	29.5	-	-	-	-	-	-	-
Iron	NA	15800	23100	-	-	-	-	-	-	-	11500	16400	-	-	-	-	-	-	-
Lead	1000	72.9	10.4	-	-	-	-	-	-	-	47.7	39.7	-	-	-	-	-	-	-
Magnesium	NA	2140	2230	-	-	-	-	-	-	-	954	1450	-	-	-	-	-	-	-
Manganese	10000	145	165	-	-	-	-	-	-	-	126	149	-	-	-	-	-	-	-
Mercury	2.8	0.043	0.011 J	-	-	-	-	-	-	-	0.026	0.022	-	-	-	-	-	-	-
Nickel	310	9.9	10.3	-	-	-	-	-	-	-	4.9	9.9	-	-	-	-	-	-	-
Potassium	NA	692	768	-	-	-	-	-	-	-	513	794	-	-	-	-	-	-	-
Selenium	1500	0.5 J	0.18 J	-	-	-	-	-	-	-	0.28 J	0.24 J	-	-	-	-	-	-	-
Silver	1500	0.58	ND (0.43)	-	-	-	-	-	-	-	0.21 J	0.18 J	-	-	-	-	-	-	-
Sodium	NA	55.6 J	73.7 J	-	-	-	-	-	-	-	ND (96.8)	ND (96.8)	-	-	-	-	-	-	-
Thallium	NA	0.11 J	0.085 J	-	-	-	-	-	-	-	ND (0.39)	0.047 J	-	-	-	-	-	-	-
Vanadium	NA	29.2	26	-	-	-	-	-	-	-	16	21.2	-	-	-	-	-	-	-
Zinc	10000	34.6	35.3	-	-	-	-	-	-	-	21	82.1	-	-	-	-	-	-	-

ABBREVIATIONS AND NOTES:

mg/kg: milligram per kilogram

**: LCS or LCSD is outside acceptance limits.*
-: Not Analyzed
B: Compound was found in the blank and the associated sample.
bgs: below ground surface
ft: feet
J: Value is estimated.
NA: Not Applicable
ND (2.5): Not detected, number in parentheses is the laboratory reporting limit

- For test methods used, see the laboratory data sheets.
- Soil analytical results are compared to the New York State Department of Environmental Conservation (NYSDEC) Title 6 of the Official Compilation of New York Codes, Rules, and Regulations (NYCRR) Part 375 Commercial Use Soil Cleanup Objectives (SCO).
- Grey shading indicates an exceedance of the Commercial Use Soil Cleanup Objectives.

TABLE 1
SUMMARY OF SOIL QUALITY DATA - BERM 1
FORMER PORT MOBIL TERMINAL
STATEN ISLAND, NEW YORK
FILE NO. 0208998

	Criteria																		
Location Name	NY Part 375	1G	1G	1G1	1G1	1G2	1G2	1G2	1G3	1G3	1H	1H	1H1	1H1	1H1	1H2	1H2	1H3	1H3
Sample Name	Commercial	1G_0-7	1G_7-14	1G1_1-2	1G1_5-6	1G2_2-3	1G2_8-9	1G2_12-13	1G3_4-5	1G3_9-10	1H_0-7	1H_7-14	1H1_1-2	1H1_6-7	1H1_11-12	1H2_3-4	1H2_8-9	1H3_4-5	1H3_9-10
Sample Date	Use	10/03/2025	10/03/2025	10/03/2025	10/03/2025	10/03/2025	10/03/2025	10/03/2025	10/03/2025	10/03/2025	10/03/2025	10/03/2025	10/03/2025	10/03/2025	10/03/2025	10/03/2025	10/03/2025	10/03/2025	10/03/2025
Lab Sample ID	Soil Cleanup	460-336467-17	460-336467-18	460-336467-77	460-336467-80	460-336467-78	460-336467-81	460-336467-83	460-336467-79	460-336467-82	460-336467-19	460-336467-20	460-336467-84	460-336467-87	460-336467-90	460-336467-85	460-336467-88	460-336467-86	460-336467-89
Sample Depth (bgs)	Objectives	0 - 7 (ft)	7 - 14 (ft)	1 - 2 (ft)	5 - 6 (ft)	2 - 3 (ft)	8 - 9 (ft)	12 - 13 (ft)	4 - 5 (ft)	9 - 10 (ft)	0 - 7 (ft)	7 - 14 (ft)	1 - 2 (ft)	6 - 7 (ft)	11 - 12 (ft)	3 - 4 (ft)	8 - 9 (ft)	4 - 5 (ft)	9 - 10 (ft)
Volatile Organic Compounds (mg/kg)																			
1,1,1-Trichloroethane	500	-	-	ND (0.0012)	ND (0.0014)	ND (0.0011)	ND (0.0011)	ND (0.0012)	ND (0.00091)	ND (0.0011)	-	-	ND (0.0011)	ND (0.001)	ND (0.0012)	ND (0.001)	ND (0.00096)	ND (0.0012)	ND (0.0011)
1,1,2,2-Tetrachloroethane	NA	-	-	ND (0.0012)	ND (0.0014)	ND (0.0011)	ND (0.0011)	ND (0.0012)	ND (0.00091)	ND (0.0011)	-	-	ND (0.0011)	ND (0.001)	ND (0.0012)	ND (0.001)	ND (0.00096)	ND (0.0012)	ND (0.0011)
1,1,2-Trichloroethane	NA	-	-	ND (0.0012)	ND (0.0014)	ND (0.0011)	ND (0.0011)	ND (0.0012)	ND (0.00091)	ND (0.0011)	-	-	ND (0.0011)	ND (0.001)	ND (0.0012)	ND (0.001)	ND (0.00096)	ND (0.0012)	ND (0.0011)
1,1-Dichloroethane	240	-	-	ND (0.0012)	ND (0.0014)	ND (0.0011)	ND (0.0011)	ND (0.0012)	ND (0.00091)	ND (0.0011)	-	-	ND (0.0011)	ND (0.001)	ND (0.0012)	ND (0.001)	ND (0.00096)	ND (0.0012)	ND (0.0011)
1,1-Dichloroethene	500	-	-	ND (0.0012)	ND (0.0014)	ND (0.0011)	ND (0.0011)	ND (0.0012)	ND (0.00091)	ND (0.0011)	-	-	ND (0.0011)	ND (0.001)	ND (0.0012)	ND (0.001)	ND (0.00096)	ND (0.0012)	ND (0.0011)
1,2,3-Trichlorobenzene	NA	-	-	ND (0.0012)	ND (0.0014)	ND (0.0011)	ND (0.0011)	ND (0.0012)	ND (0.00091)	ND (0.0011)	-	-	ND (0.0011)	ND (0.001)	ND (0.0012)	ND (0.001)	ND (0.00096)	ND (0.0012)	ND (0.0011)
1,2,4-Trichlorobenzene	NA	-	-	ND (0.0012)	ND (0.0014)	ND (0.0011)	ND (0.0011)	ND (0.0012)	ND (0.00091)	ND (0.0011)	-	-	ND (0.0011)	ND (0.001)	ND (0.0012)	ND (0.001)	ND (0.00096)	ND (0.0012)	ND (0.0011)
1,2,4-Trimethylbenzene	190	-	-	ND (0.0012)	ND (0.0014)	ND (0.0011)	ND (0.0011)	ND (0.0012)	ND (0.00091)	ND (0.0011)	-	-	ND (0.0011)	ND (0.001)	ND (0.0012)	ND (0.001)	ND (0.00096)	ND (0.0012)	ND (0.0011)
1,2-Dibromo-3-chloropropane (DBCP)	NA	-	-	ND (0.0012)	ND (0.0014)	ND (0.0011)	ND (0.0011)	ND (0.0012)	ND (0.00091)	ND (0.0011)	-	-	ND (0.0011)	ND (0.001)	ND (0.0012)	ND (0.001)	ND (0.00096)	ND (0.0012)	ND (0.0011)
1,2-Dibromoethane (Ethylene Dibromide)	NA	-	-	ND (0.0012)	ND (0.0014)	ND (0.0011)	ND (0.0011)	ND (0.0012)	ND (0.00091)	ND (0.0011)	-	-	ND (0.0011)	ND (0.001)	ND (0.0012)	ND (0.001)	ND (0.00096)	ND (0.0012)	ND (0.0011)
1,2-Dichlorobenzene	500	-	-	ND (0.0012)	ND (0.0014)	ND (0.0011)	ND (0.0011)	ND (0.0012)	ND (0.00091)	ND (0.0011)	-	-	ND (0.0011)	ND (0.001)	ND (0.0012)	ND (0.001)	ND (0.00096)	ND (0.0012)	ND (0.0011)
1,2-Dichloroethane	30	-	-	ND (0.0012)	ND (0.0014)	ND (0.0011)	ND (0.0011)	ND (0.0012)	ND (0.00091)	ND (0.0011)	-	-	ND (0.0011)	ND (0.001)	ND (0.0012)	ND (0.001)	ND (0.00096)	ND (0.0012)	ND (0.0011)
1,2-Dichloropropane	NA	-	-	ND (0.0012)	ND (0.0014)	ND (0.0011)	ND (0.0011)	ND (0.0012)	ND (0.00091)	ND (0.0011)	-	-	ND (0.0011)	ND (0.001)	ND (0.0012)	ND (0.001)	ND (0.00096)	ND (0.0012)	ND (0.0011)
1,3,5-Trimethylbenzene	190	-	-	ND (0.0012)	ND (0.0014)	ND (0.0011)	ND (0.0011)	ND (0.0012)	ND (0.00091)	ND (0.0011)	-	-	ND (0.0011)	ND (0.001)	ND (0.0012)	ND (0.001)	ND (0.00096)	ND (0.0012)	ND (0.0011)
1,3-Dichlorobenzene	280	-	-	ND (0.0012)	ND (0.0014)	ND (0.0011)	ND (0.0011)	ND (0.0012)	ND (0.00091)	ND (0.0011)	-	-	ND (0.0011)	ND (0.001)	ND (0.0012)	ND (0.001)	ND (0.00096)	ND (0.0012)	ND (0.0011)
1,4-Dichlorobenzene	130	-	-	ND (0.0012)	ND (0.0014)	ND (0.0011)	ND (0.0011)	ND (0.0012)	ND (0.00091)	ND (0.0011)	-	-	ND (0.0011)	ND (0.001)	ND (0.0012)	ND (0.001)	ND (0.00096)	ND (0.0012)	ND (0.0011)
2-Butanone (Methyl Ethyl Ketone)	500	-	-	ND (0.0061)	ND (0.0071)	ND (0.0057)	ND (0.0053)	ND (0.0059)	ND (0.0045)	ND (0.0054)	-	-	ND (0.0055)	ND (0.005)	ND (0.0061)	ND (0.0051)	ND (0.0048)	ND (0.0061)	ND (0.0054)
2-Hexanone (Methyl Butyl Ketone)	NA	-	-	ND (0.0061)	ND (0.0071)	ND (0.0057)	ND (0.0053)	ND (0.0059)	ND (0.0045)	ND (0.0054)	-	-	ND (0.0055)	ND (0.005)	ND (0.0061)	ND (0.0051)	ND (0.0048)	ND (0.0061)	ND (0.0054)
2-Phenylbutane (sec-Butylbenzene)	500	-	-	ND (0.0012)	ND (0.0014)	ND (0.0011)	ND (0.0011)	ND (0.0012)	ND (0.00091)	ND (0.0011)	-	-	ND (0.0011)	ND (0.001)	ND (0.0012)	ND (0.001)	ND (0.00096)	ND (0.0012)	ND (0.0011)
4-Methyl-2-Pentanone (Methyl Isobutyl Ketone)	NA	-	-	ND (0.0061)	ND (0.0071)	ND (0.0057)	ND (0.0053)	ND (0.0059)	ND (0.0045)	ND (0.0054)	-	-	ND (0.0055)	ND (0.005)	ND (0.0061)	ND (0.0051)	ND (0.0048)	ND (0.0061)	ND (0.0054)
Acetone	500	-	-	0.029	0.1	0.17	0.14	0.027	0.082	0.034	-	-	0.11	0.024	0.083	0.049	ND (0.0058)	0.014	ND (0.0064)
Benzene	44	-	-	ND (0.0012)	ND (0.0014)	ND (0.0011)	ND (0.0011)	ND (0.0012)	ND (0.00091)	ND (0.0011)	-	-	ND (0.0011)	ND (0.001)	ND (0.0012)	ND (0.001)	ND (0.00096)	ND (0.0012)	ND (0.0011)
Bromodichloromethane	NA	-	-	ND (0.0012)	ND (0.0014)	ND (0.0011)	ND (0.0011)	ND (0.0012)	ND (0.00091)	ND (0.0011)	-	-	ND (0.0011)	ND (0.001)	ND (0.0012)	ND (0.001)	ND (0.00096)	ND (0.0012)	ND (0.0011)
Bromoform	NA	-	-	ND (0.0012)	ND (0.0014)	ND (0.0011)	ND (0.0011)	ND (0.0012)	ND (0.00091)	ND (0.0011)	-	-	ND (0.0011)	ND (0.001)	ND (0.0012)	ND (0.001)	ND (0.00096)	ND (0.0012)	ND (0.0011)
Bromomethane (Methyl Bromide)	NA	-	-	ND (0.0024)	ND (0.0028)	ND (0.0023)	ND (0.0021)	ND (0.0024)	ND (0.0018)	ND (0.0022)	-	-	ND (0.0022)	ND (0.002)	ND (0.0024)	ND (0.002)	ND (0.0019)	ND (0.0024)	ND (0.0021)
Carbon disulfide	NA	-	-	ND (0.0012)	ND (0.0014)	ND (0.0011)	ND (0.0011)	ND (0.0012)	ND (0.00091)	ND (0.0011)	-	-	ND (0.0011)	ND (0.001)	ND (0.0012)	ND (0.001)	ND (0.00096)	ND (0.0012)	ND (0.0011)
Carbon tetrachloride	22	-	-	ND (0.0012)	ND (0.0014)	ND (0.0011)	ND (0.0011)	ND (0.0012)	ND (0.00091)	ND (0.0011)	-	-	ND (0.0011)	ND (0.001)	ND (0.0012)	ND (0.001)	ND (0.00096)	ND (0.0012)	ND (0.0011)
Chlorobenzene	500	-	-	ND (0.0012)	ND (0.0014)	ND (0.0011)	ND (0.0011)	ND (0.0012)	ND (0.00091)	ND (0.0011)	-	-	ND (0.0011)	ND (0.001)	ND (0.0012)	ND (0.001)	ND (0.00096)	ND (0.0012)	ND (0.0011)
Chlorobromomethane	NA	-	-	ND (0.0012)	ND (0.0014)	ND (0.0011)	ND (0.0011)	ND (0.0012)	ND (0.00091)	ND (0.0011)	-	-	ND (0.0011)	ND (0.001)	ND (0.0012)	ND (0.001)	ND (0.00096)	ND (0.0012)	ND (0.0011)
Chloroethane	NA	-	-	ND (0.0012)	ND (0.0014)	ND (0.0011)	ND (0.0011)	ND (0.0012)	ND (0.00091)	ND (0.0011)	-	-	ND (0.0011)	ND (0.001)	ND (0.0012)	ND (0.001)	ND (0.00096)	ND (0.0012)	ND (0.0011)
Chloroform (Trichloromethane)	350	-	-	ND (0.0012)	ND (0.0014)	ND (0.0011)	ND (0.0011)	ND (0.0012)	ND (0.00091)	ND (0.0011)	-	-	ND (0.0011)	ND (0.001)	ND (0.0012)	ND (0.001)	ND (0.00096)	ND (0.0012)	ND (0.0011)
Chloromethane (Methyl Chloride)	NA	-	-	ND (0.0012)	ND (0.0014)	ND (0.0011)	ND (0.0011)	ND (0.0012)	ND (0.00091)	ND (0.0011)	-	-	ND (0.0011)	ND (0.001)	ND (0.0012)	ND (0.001)	ND (0.00096)	ND (0.0012)	ND (0.0011)
cis-1,2-Dichloroethene	500	-	-	ND (0.0012)	ND (0.0014)	ND (0.0011)	ND (0.0011)	ND (0.0012)	ND (0.00091)	ND (0.0011)	-	-	ND (0.0011)	ND (0.001)	ND (0.0012)	ND (0.001)	ND (0.00096)	ND (0.0012)	ND (0.0011)
cis-1,3-Dichloropropene	NA	-	-	ND (0.0012)	ND (0.0014)	ND (0.0011)	ND (0.0011)	ND (0.0012)	ND (0.00091)	ND (0.0011)	-	-	ND (0.0011)	ND (0.001)	ND (0.0012)	ND (0.001)	ND (0.00096)	ND (0.0012)	ND (0.0011)
Cyclohexane	NA	-	-	ND (0.0012)	ND (0.0014)	ND (0.0011)	ND (0.0011)	ND (0.0012)	ND (0.00091)	ND (0.0011)	-	-	ND (0.0011)	ND (0.001)	ND (0.0012)	ND (0.001)	ND (0.00096)	ND (0.0012)	ND (0.0011)
Dibromochloromethane	NA	-	-	ND (0.0012)	ND (0.0014)	ND (0.0011)	ND (0.0011)	ND (0.0012)	ND (0.00091)	ND (0.0011)	-	-	ND (0.0011)	ND (0.001)	ND (0.0012)	ND (0.001)	ND (0.00096)	ND (0.0012)	ND (0.0011)
Dichlorodifluoromethane (CFC-12)	NA	-	-	ND (0.0012) *	ND (0.0014) *	ND (0.0011) *	ND (0.0011) *	ND (0.0012)	ND (0.00091) *	ND (0.0011) *	-	-	ND (0.0011)	ND (0.001)	ND (0.0012)	ND (0.001)	ND (0.00096)	ND (0.0012)	ND (0.0011)
Ethylbenzene	390	-	-	ND (0.0012)	ND (0.0014)	ND (0.0011)	ND (0.0011)	ND (0.0012)	ND (0.00091)	ND (0.0011)	-	-	ND (0.0011)	ND (0.001)	ND (0.0012)	ND (0.001)	ND (0.00096)	ND (0.0012)	ND (0.0011)
Isopropylbenzene (Cumene)	NA	-	-	ND (0.0012)	ND (0.0014)	ND (0.0011)	ND (0.0011)	ND (0.0012)	ND (0.00091)	ND (0.0011)	-	-	ND (0.0011)	ND (0.001)	ND (0.0012)	ND (0.001)	ND (0.00096)	ND (0.0012)	ND (0.0011)
m,p-Xylenes	NA	-	-	ND (0.0012)	ND (0.0014)	ND (0.0011)	ND (0.0011)	ND (0.0012)	ND (0.00091)	ND (0.0011)	-	-	ND (0.0011)	ND (0.001)	ND (0.0012)	ND (0.001)	ND (0.00096)	ND (0.0012)	ND (0.0011)
Methyl acetate	NA	-	-	ND (0.0061)	ND (0.0071)	ND (0.0057)	ND (0.0053)	ND (0.0059)	ND (0.0045)	ND (0.0054)	-	-	ND (0.0055)	ND (0.005)	ND (0.0061)	ND (0.0051)	ND (0.0048)	ND (0.0061)	ND (0.0054)
Methyl Tert Butyl Ether (MTBE)	500	-	-	ND (0.0012)	ND (0.0014)	ND (0.0011)	ND (0.0011)	ND (0.0012)	ND (0.00091)	ND (0.0011)	-	-	ND (0.0011)	ND (0.001)	ND (0.0012)	ND (0.001)	ND (0.00096)	ND (0.0012)	ND (0.0011)
Methylcyclohexane	NA	-	-	ND (0.0012)	ND (0.0014)	ND (0.0011)	ND (0.0011)	ND (0.0012)	ND (0.00091)	ND (0.0011)	-	-	ND (0.0011)	ND (0.001)	ND (0.0012)	ND (0.001)	ND (0.00096)	ND (0.0012)	ND (0.0011)
Methylene chloride (Dichloromethane)	500	-	-	ND (0.0024)	ND (0.0028)	ND (0.0023)	ND (0.0021)	ND (0.0024)	ND (0.0018)	ND (0.0022)	-	-	ND (0.0022)	ND (0.002)	ND (0.0024)	ND (0.002)	ND (0.0019)	ND (0.0024)	0.0027
n-Butylbenzene	500	-	-	ND (0.0012)	ND (0.0014)	ND (0.0011)	ND (0.0011)	ND (0.0012)	ND (0.00091)	ND (0.0011)	-	-	ND (0.0011)	ND (0.001)	ND (0.0012)	ND (0.001)	ND (0.00096)	ND (0.0012)	ND (0.0011)
n-Propylbenzene	500	-	-	ND (0.0012)	ND (0.0014)	ND (0.0011)	ND (0.0011)	ND (0.0012)	ND (0.00091)	ND (0.0011)	-	-	ND (0.0011)	ND (0.001)	ND (0.0012)	ND (0.001)	ND (0.00096)	ND (0.0012)	ND (0.0011)
o-Xylene	NA	-	-	ND (0.0012)	ND (0.0014)	ND (0.0011)	ND (0.0011)	ND (0.0012)	ND (0.00091)	ND (0.0011)	-	-	ND (0.0011)	ND (0.001)	ND (0.0012)	ND (0.001)	ND (0.00096)	ND (0.0012)	ND (0.0011)
Styrene	NA	-	-	ND (0.0012)	ND (0.0014)	ND (0.0011)	ND (0.0011)	ND (0.0012)	ND (0.00091)	ND (0.0011)	-	-	ND (0.0011)	ND (0.001)	ND (0.0012)	ND (0.001)	ND (0.00096)	ND (0.0012)	ND (0.0011)
tert-Butylbenzene	500	-	-	ND (0.0012)	ND (0.0014)	ND (0.0011)	ND (0.0011)	ND (0.0012)	ND (0.00091)	ND (0.0011)	-	-	ND (0.0011)	ND (0.001)	ND (0.0012)	ND (0.001)	ND (0.00096)	ND (0.0012)	ND (0.0011)
Tetrachloroethene	150	-	-	ND (0.0012)	ND (0.0014)	ND (0.0011)	ND (0.0011)	ND (0.0012)	ND (0.00091)	ND (0.0011)	-	-	ND (0.0011)	ND (0.001)	ND (0.0012)	ND (0.001)	ND (0.00096)	ND (0.0012)	ND (0.0011)
Toluene	500	-	-	ND (0.0012)	ND (0.0014)	ND (0.0011)	ND (0.0011)	ND (0.0012)	ND (0.00091)	ND (0.0011)	-	-	ND (0.0011)	ND (0.001)	0.0005 J	ND (0.001)	ND (0.00096)	ND (0.0012)	ND (0.0011)
trans-1,2-Dichloroethene	500	-	-	ND (0.0012)	ND (0.0014)	ND (0.0011)	ND (0.0011)	ND (0.0012)	ND (0.00091)	ND (0.0011)	-	-	ND (0.0011)	ND (0.001)	ND (0.0012)	ND (0.001)	ND (0.00096)	ND (0.0012)	ND (0.0011)
trans-1,3-Dichloropropene	NA	-	-	ND (0.0012)	ND (0.0014)	ND (0.0011)	ND (0.0011)	ND (0.0012)	ND (0.00091)	ND (0.0011)	-	-	ND (0.0011)	ND (0.001)	ND (0.0012)	ND (0.001)	ND (0.00096)	ND (0.0012)	ND (0.0011)
Trichloroethene	200	-	-	ND (0.0012)	ND (0.0014)	ND (0.0011)	ND (0.0011)	ND (0.0012)	ND (0.00091)	ND (0.0011)	-	-	ND (0.0011)	ND (0.001)	ND (0.0012)	ND (0.001)	ND (0.00096)	ND (0.0012)	ND (0.0011)
Trichlorofluoromethane (CFC-11)	NA	-	-	ND (0.0012)	ND (0.0014)	ND (0.0011)	ND (0.0011)	ND (0.0012)	ND (0.00091)	ND (0.0011)	-	-	ND (0.0011)	ND (0.001)	ND (0.0012)	ND (0.001)	ND (0.00096)	ND (0.0012)	ND (0.0011)
Trifluorotrichloroethane (Freon 113)	NA	-	-	ND (0.0012)	ND (0.0014)	ND (0.0011)	ND (0.0011)	ND (0.0012)	ND (0.00091)	ND (0.0011)	-	-	ND (0.0011)	ND (0.001)	ND (0.0012)	ND (0.001)	ND (0.00096)	ND (0.0012)	ND (0.0011)
Vinyl chloride	13	-	-	ND (0.0012)	ND (0.0014)	ND (0.0011)	ND (0.0011)	ND (0.0012)	ND (0.00091)	ND (0.0011)	-	-	ND (0.0011)	ND (0.001)	ND (0.0012)	ND (0.001)	ND (0.00096)	ND (0.0012)	ND (0.0011)
Xylene (Total)	500	-	-	ND (0.0024)	ND (0.0028)	ND (0.0023)	ND (0.0021)	ND (0.0024)	ND (0.0018)	ND (0.0022)	-	-	ND (0.0022)	ND (0.002)	ND (0.0024)	ND (0.002)	ND (0.0019)	ND (0.0024)	ND (0.0021)

TABLE 1
SUMMARY OF SOIL QUALITY DATA - BERM 1
FORMER PORT MOBIL TERMINAL
STATEN ISLAND, NEW YORK
FILE NO. 0208998

	Criteria																		
Location Name	NY Part 375	1G	1G	1G1	1G1	1G2	1G2	1G2	1G3	1G3	1H	1H	1H1	1H1	1H1	1H2	1H2	1H3	1H3
Sample Name	Commercial	1G_0-7	1G_7-14	1G1_1-2	1G1_5-6	1G2_2-3	1G2_8-9	1G2_12-13	1G3_4-5	1G3_9-10	1H_0-7	1H_7-14	1H1_1-2	1H1_6-7	1H1_11-12	1H2_3-4	1H2_8-9	1H3_4-5	1H3_9-10
Sample Date	Use	10/03/2025	10/03/2025	10/03/2025	10/03/2025	10/03/2025	10/03/2025	10/03/2025	10/03/2025	10/03/2025	10/03/2025	10/03/2025	10/03/2025	10/03/2025	10/03/2025	10/03/2025	10/03/2025	10/03/2025	10/03/2025
Lab Sample ID	Soil Cleanup	460-336467-17	460-336467-18	460-336467-77	460-336467-80	460-336467-78	460-336467-81	460-336467-83	460-336467-79	460-336467-82	460-336467-19	460-336467-20	460-336467-84	460-336467-87	460-336467-90	460-336467-85	460-336467-88	460-336467-86	460-336467-89
Sample Depth (bgs)	Objectives	0 - 7 (ft)	7 - 14 (ft)	1 - 2 (ft)	5 - 6 (ft)	2 - 3 (ft)	8 - 9 (ft)	12 - 13 (ft)	4 - 5 (ft)	9 - 10 (ft)	0 - 7 (ft)	7 - 14 (ft)	1 - 2 (ft)	6 - 7 (ft)	11 - 12 (ft)	3 - 4 (ft)	8 - 9 (ft)	4 - 5 (ft)	9 - 10 (ft)
Semi-Volatile Organic Compounds (mg/kg)																			
1,2,4,5-Tetrachlorobenzene	NA	ND (0.34)	ND (0.36)	-	-	-	-	-	-	-	ND (0.34)	ND (0.34)	-	-	-	-	-	-	-
1,4-Dioxane	130	ND (0.034)	ND (0.036)	-	-	-	-	-	-	-	ND (0.034)	ND (0.034)	-	-	-	-	-	-	-
2,2'-oxybis(1-Chloropropane)	NA	ND (0.34)	ND (0.36)	-	-	-	-	-	-	-	ND (0.34)	ND (0.34)	-	-	-	-	-	-	-
2,3,4,6-Tetrachlorophenol	NA	ND (0.34)	ND (0.36)	-	-	-	-	-	-	-	ND (0.34)	ND (0.34)	-	-	-	-	-	-	-
2,4,5-Trichlorophenol	NA	ND (0.34)	ND (0.36)	-	-	-	-	-	-	-	ND (0.34)	ND (0.34)	-	-	-	-	-	-	-
2,4,6-Trichlorophenol	NA	ND (0.14)	ND (0.15)	-	-	-	-	-	-	-	ND (0.14)	ND (0.14)	-	-	-	-	-	-	-
2,4-Dichlorophenol	NA	ND (0.14)	ND (0.15)	-	-	-	-	-	-	-	ND (0.14)	ND (0.14)	-	-	-	-	-	-	-
2,4-Dimethylphenol	NA	ND (0.34)	ND (0.36)	-	-	-	-	-	-	-	ND (0.34)	ND (0.34)	-	-	-	-	-	-	-
2,4-Dinitrophenol	NA	ND (0.28)	ND (0.29)	-	-	-	-	-	-	-	ND (0.27)	ND (0.28)	-	-	-	-	-	-	-
2,4-Dinitrotoluene	NA	ND (0.07)	ND (0.074)	-	-	-	-	-	-	-	ND (0.069)	ND (0.07)	-	-	-	-	-	-	-
2,6-Dinitrotoluene	NA	ND (0.07)	ND (0.074)	-	-	-	-	-	-	-	ND (0.069)	ND (0.07)	-	-	-	-	-	-	-
2-Chloronaphthalene	NA	ND (0.34)	ND (0.36)	-	-	-	-	-	-	-	ND (0.34)	ND (0.34)	-	-	-	-	-	-	-
2-Chlorophenol	NA	ND (0.34)	ND (0.36)	-	-	-	-	-	-	-	ND (0.34)	ND (0.34)	-	-	-	-	-	-	-
2-Methylnaphthalene	NA	ND (0.34)	ND (0.36)	-	-	-	-	-	-	-	ND (0.34)	ND (0.34)	-	-	-	-	-	-	-
2-Methylphenol (o-Cresol)	500	ND (0.34)	ND (0.36)	-	-	-	-	-	-	-	ND (0.34)	ND (0.34)	-	-	-	-	-	-	-
2-Nitroaniline	NA	ND (0.34)	ND (0.36)	-	-	-	-	-	-	-	ND (0.34)	ND (0.34)	-	-	-	-	-	-	-
2-Nitrophenol	NA	ND (0.34)	ND (0.36)	-	-	-	-	-	-	-	ND (0.34)	ND (0.34)	-	-	-	-	-	-	-
3&4-Methylphenol	NA	ND (0.34)	ND (0.36)	-	-	-	-	-	-	-	ND (0.34)	ND (0.34)	-	-	-	-	-	-	-
3,3'-Dichlorobenzidine	NA	ND (0.14)	ND (0.15)	-	-	-	-	-	-	-	ND (0.14)	ND (0.14)	-	-	-	-	-	-	-
3-Nitroaniline	NA	ND (0.34)	ND (0.36)	-	-	-	-	-	-	-	ND (0.34)	ND (0.34)	-	-	-	-	-	-	-
4,6-Dinitro-2-methylphenol	NA	ND (0.28)	ND (0.29)	-	-	-	-	-	-	-	ND (0.27)	ND (0.28)	-	-	-	-	-	-	-
4-Bromophenyl phenyl ether (BDE-3)	NA	ND (0.34)	ND (0.36)	-	-	-	-	-	-	-	ND (0.34)	ND (0.34)	-	-	-	-	-	-	-
4-Chloro-3-methylphenol	NA	ND (0.34)	ND (0.36)	-	-	-	-	-	-	-	ND (0.34)	ND (0.34)	-	-	-	-	-	-	-
4-Chloroaniline	NA	ND (0.34)	ND (0.36)	-	-	-	-	-	-	-	ND (0.34)	ND (0.34)	-	-	-	-	-	-	-
4-Chlorophenyl phenyl ether	NA	ND (0.34)	ND (0.36)	-	-	-	-	-	-	-	ND (0.34)	ND (0.34)	-	-	-	-	-	-	-
4-Methylphenol	500	ND (0.34)	ND (0.36)	-	-	-	-	-	-	-	ND (0.34)	ND (0.34)	-	-	-	-	-	-	-
4-Nitroaniline	NA	ND (0.34)	ND (0.36)	-	-	-	-	-	-	-	ND (0.34)	ND (0.34)	-	-	-	-	-	-	-
4-Nitrophenol	NA	ND (0.7)	ND (0.74)	-	-	-	-	-	-	-	ND (0.69)	ND (0.7)	-	-	-	-	-	-	-
Acenaphthene	500	ND (0.34)	ND (0.36)	-	-	-	-	-	-	-	ND (0.34)	ND (0.34)	-	-	-	-	-	-	-
Acenaphthylene	500	ND (0.34)	ND (0.36)	-	-	-	-	-	-	-	ND (0.34)	0.011 J	-	-	-	-	-	-	-
Acetophenone	NA	ND (0.34)	ND (0.36)	-	-	-	-	-	-	-	ND (0.34)	ND (0.34)	-	-	-	-	-	-	-
Anthracene	500	ND (0.34)	ND (0.36)	-	-	-	-	-	-	-	ND (0.34)	ND (0.34)	-	-	-	-	-	-	-
Atrazine	NA	ND (0.14)	ND (0.15)	-	-	-	-	-	-	-	ND (0.14)	ND (0.14)	-	-	-	-	-	-	-
Benzaldehyde	NA	ND (0.34)	ND (0.36)	-	-	-	-	-	-	-	ND (0.34)	ND (0.34)	-	-	-	-	-	-	-
Benzo(a)anthracene	5.6	ND (0.034)	ND (0.036)	-	-	-	-	-	-	-	ND (0.034)	ND (0.034)	-	-	-	-	-	-	-
Benzo(a)pyrene	1	ND (0.034)	ND (0.036)	-	-	-	-	-	-	-	ND (0.034)	0.017 J	-	-	-	-	-	-	-
Benzo(b)fluoranthene	5.6	ND (0.034)	ND (0.036)	-	-	-	-	-	-	-	ND (0.034)	0.022 J	-	-	-	-	-	-	-
Benzo(g,h,i)perylene	500	ND (0.34)	ND (0.36)	-	-	-	-	-	-	-	ND (0.34)	0.02 J	-	-	-	-	-	-	-
Benzo(k)fluoranthene	56	ND (0.034)	ND (0.036)	-	-	-	-	-	-	-	ND (0.034)	0.0077 J	-	-	-	-	-	-	-
Biphenyl	NA	ND (0.34)	ND (0.36)	-	-	-	-	-	-	-	ND (0.34)	ND (0.34)	-	-	-	-	-	-	-
bis(2-Chloroethoxy)methane	NA	ND (0.34)	ND (0.36)	-	-	-	-	-	-	-	ND (0.34)	ND (0.34)	-	-	-	-	-	-	-
bis(2-Chloroethyl)ether	NA	ND (0.034)	ND (0.036)	-	-	-	-	-	-	-	ND (0.034)	ND (0.034)	-	-	-	-	-	-	-
bis(2-Ethylhexyl)phthalate	NA	ND (0.34)	ND (0.36)	-	-	-	-	-	-	-	ND (0.34)	ND (0.34)	-	-	-	-	-	-	-
Butyl benzylphthalate (BBP)	NA	ND (0.34)	ND (0.36)	-	-	-	-	-	-	-	ND (0.34)	ND (0.34)	-	-	-	-	-	-	-
Caprolactam	NA	ND (0.34)	ND (0.36)	-	-	-	-	-	-	-	ND (0.34)	ND (0.34)	-	-	-	-	-	-	-
Carbazole	NA	ND (0.34)	ND (0.36)	-	-	-	-	-	-	-	ND (0.34)	ND (0.34)	-	-	-	-	-	-	-
Chrysene	56	ND (0.34)	ND (0.36)	-	-	-	-	-	-	-	ND (0.34)	ND (0.34)	-	-	-	-	-	-	-
Dibenz(a,h)anthracene	0.56	ND (0.034)	ND (0.036)	-	-	-	-	-	-	-	ND (0.034)	ND (0.034)	-	-	-	-	-	-	-
Dibenzofuran	350	ND (0.34)	ND (0.36)	-	-	-	-	-	-	-	ND (0.34)	ND (0.34)	-	-	-	-	-	-	-
Diethyl phthalate	NA	ND (0.34)	ND (0.36)	-	-	-	-	-	-	-	ND (0.34)	ND (0.34)	-	-	-	-	-	-	-
Dimethyl phthalate	NA	ND (0.34)	ND (0.36)	-	-	-	-	-	-	-	ND (0.34)	ND (0.34)	-	-	-	-	-	-	-
Di-n-butylphthalate (DBP)	NA	ND (0.34)	ND (0.36)	-	-	-	-	-	-	-	ND (0.34)	ND (0.34)	-	-	-	-	-	-	-
Di-n-octyl phthalate (DnOP)	NA	ND (0.34)	ND (0.36)	-	-	-	-	-	-	-	ND (0.34)	ND (0.34)	-	-	-	-	-	-	-
Fluoranthene	500	ND (0.34)	ND (0.36)	-	-	-	-	-	-	-	ND (0.34)	0.016 J	-	-	-	-	-	-	-
Fluorene	500	ND (0.34)	ND (0.36)	-	-	-	-	-	-	-	ND (0.34)	ND (0.34)	-	-	-	-	-	-	-
Hexachlorobenzene	6	ND (0.034)	ND (0.036)	-	-	-	-	-	-	-	ND (0.034)	ND (0.034)	-	-	-	-	-	-	-
Hexachlorobutadiene	NA	ND (0.07)	ND (0.074)	-	-	-	-	-	-	-	ND (0.069)	ND (0.07)	-	-	-	-	-	-	-
Hexachlorocyclopentadiene	NA	ND (0.34)	ND (0.36)	-	-	-	-	-	-	-	ND (0.34)	ND (0.34)	-	-	-	-	-	-	-
Hexachloroethane	NA	ND (0.034)	ND (0.036)	-	-	-	-	-	-	-	ND (0.034)	ND (0.034)	-	-	-	-	-	-	-
Indeno(1,2,3-cd)pyrene	5.6	ND (0.034)	ND (0.036)	-	-	-	-	-	-	-	ND (0.034)	0.015 J	-	-	-	-	-	-	-
Isophorone	NA	ND (0.14)	ND (0.15)	-	-	-	-	-	-	-	ND (0.14)	ND (0.14)	-	-	-	-	-	-	-
Naphthalene	500	ND (0.34)	ND (0.36)	-	-	-	-	-	-	-	ND (0.34)	ND (0.34)	-	-	-	-	-	-	-
Nitrobenzene	NA	ND (0.034)	ND (0.036)	-	-	-	-	-	-	-	ND (0.034)	ND (0.034)	-	-	-	-	-	-	-
N-Nitrosodi-n-propylamine	NA	ND (0.034)	ND (0.036)	-	-	-	-	-	-	-	ND (0.034)	ND (0.034)	-	-	-	-	-	-	-
N-Nitrosodiphenylamine	NA	ND (0.34)	ND (0.36)	-	-	-	-	-	-	-	ND (0.34)	ND (0.34)	-	-	-	-	-	-	-
Pentachlorophenol	6.7	ND (0.28)	ND (0.29)	-	-	-	-	-	-	-	ND (0.27)	ND (0.28)	-	-	-	-	-	-	-
Phenanthrene	500	ND (0.34)	ND (0.36)	-	-	-	-	-	-	-	ND (0.34)	ND (0.34)	-	-	-	-	-	-	-
Phenol	500	ND (0.34)	ND (0.36)	-	-	-	-	-	-	-	ND (0.34)	ND (0.34)	-	-	-	-	-	-	-
Pyrene	500	ND (0.34)	ND (0.36)	-	-	-	-	-	-	-	ND (0.34)	0.015 J	-	-	-	-	-	-	-

TABLE 1
SUMMARY OF SOIL QUALITY DATA - BERM 1
FORMER PORT MOBIL TERMINAL
STATEN ISLAND, NEW YORK
FILE NO. 0208998

	Criteria																		
Location Name	NY Part 375	1G	1G	1G1	1G1	1G2	1G2	1G2	1G3	1G3	1H	1H	1H1	1H1	1H1	1H2	1H2	1H3	1H3
Sample Name	Commercial	1G_0-7	1G_7-14	1G1_1-2	1G1_5-6	1G2_2-3	1G2_8-9	1G2_12-13	1G3_4-5	1G3_9-10	1H_0-7	1H_7-14	1H1_1-2	1H1_6-7	1H1_11-12	1H2_3-4	1H2_8-9	1H3_4-5	1H3_9-10
Sample Date	Use	10/03/2025	10/03/2025	10/03/2025	10/03/2025	10/03/2025	10/03/2025	10/03/2025	10/03/2025	10/03/2025	10/03/2025	10/03/2025	10/03/2025	10/03/2025	10/03/2025	10/03/2025	10/03/2025	10/03/2025	10/03/2025
Lab Sample ID	Soil Cleanup	460-336467-17	460-336467-18	460-336467-77	460-336467-80	460-336467-78	460-336467-81	460-336467-83	460-336467-79	460-336467-82	460-336467-19	460-336467-20	460-336467-84	460-336467-87	460-336467-90	460-336467-85	460-336467-88	460-336467-86	460-336467-89
Sample Depth (bgs)	Objectives	0 - 7 (ft)	7 - 14 (ft)	1 - 2 (ft)	5 - 6 (ft)	2 - 3 (ft)	8 - 9 (ft)	12 - 13 (ft)	4 - 5 (ft)	9 - 10 (ft)	0 - 7 (ft)	7 - 14 (ft)	1 - 2 (ft)	6 - 7 (ft)	11 - 12 (ft)	3 - 4 (ft)	8 - 9 (ft)	4 - 5 (ft)	9 - 10 (ft)
PFAS (mg/kg)																			
11-Chloroeicosafluoro-3-Oxaundecane-1-Sulfonic Acid (11Cl-PF3OUdS)	NA	ND (0.00019)	ND (0.00019)	-	-	-	-	-	-	-	ND (0.0002)	ND (0.0002)	-	-	-	-	-	-	-
2H,2H,3H,3H-Perfluorooctanoic acid (5:3 FTCA)	NA	ND (0.00097)	ND (0.00097)	-	-	-	-	-	-	-	ND (0.00098)	ND (0.00098)	-	-	-	-	-	-	-
3-(Perfluoroheptyl)propanoic acid (7:3 FTCA)	NA	ND (0.00097)	ND (0.00097)	-	-	-	-	-	-	-	ND (0.00098)	ND (0.00098)	-	-	-	-	-	-	-
3:3 Fluorotelomer carboxylic acid (3:3 FTCA)	NA	ND (0.00039)	ND (0.00039)	-	-	-	-	-	-	-	ND (0.00039)	ND (0.00039)	-	-	-	-	-	-	-
4,8-Dioxa-3H-Perfluorononanoic Acid (ADONA)	NA	ND (0.00019)	ND (0.00019)	-	-	-	-	-	-	-	ND (0.0002)	ND (0.0002)	-	-	-	-	-	-	-
4:2 Fluorotelomer sulfonic acid (4:2 FTS)	NA	ND (0.00039)	ND (0.00039)	-	-	-	-	-	-	-	ND (0.00039)	ND (0.00039)	-	-	-	-	-	-	-
6:2 Fluorotelomer sulfonic acid (6:2 FTS)	NA	ND (0.00039)	ND (0.00039)	-	-	-	-	-	-	-	ND (0.00039)	ND (0.00039)	-	-	-	-	-	-	-
8:2 Fluorotelomer sulfonic acid (8:2 FTS)	NA	ND (0.00039)	ND (0.00039)	-	-	-	-	-	-	-	ND (0.00039)	ND (0.00039)	-	-	-	-	-	-	-
9-Chlorohexadecafluoro-3-Oxanone-1-Sulfonic Acid (9Cl-PF3ONS)	NA	ND (0.00019)	ND (0.00019)	-	-	-	-	-	-	-	ND (0.0002)	ND (0.0002)	-	-	-	-	-	-	-
N-Ethyl Perfluorooctanesulfonamidoacetic Acid (NEtFOSAA)	NA	ND (0.00019)	ND (0.00019)	-	-	-	-	-	-	-	ND (0.0002)	ND (0.0002)	-	-	-	-	-	-	-
N-Ethylperfluorooctane sulfonamide (N-EtFOSA)	NA	ND (0.00019)	ND (0.00019)	-	-	-	-	-	-	-	ND (0.0002)	ND (0.0002)	-	-	-	-	-	-	-
N-Ethylperfluorooctane sulfonamidoethanol (N-EtFOSE)	NA	ND (0.00097)	ND (0.00097)	-	-	-	-	-	-	-	ND (0.00098)	ND (0.00098)	-	-	-	-	-	-	-
N-Methyl Perfluorooctanesulfonamidoacetic Acid (NMeFOSAA)	NA	ND (0.00019)	ND (0.00019)	-	-	-	-	-	-	-	ND (0.0002)	ND (0.0002)	-	-	-	-	-	-	-
N-Methylperfluorooctane sulfonamide (N-MeFOSA)	NA	ND (0.00019)	ND (0.00019)	-	-	-	-	-	-	-	ND (0.0002)	ND (0.0002)	-	-	-	-	-	-	-
N-Methylperfluorooctane sulfonamidoethanol (N-MeFOSE)	NA	ND (0.00097)	ND (0.00097)	-	-	-	-	-	-	-	ND (0.00098)	ND (0.00098)	-	-	-	-	-	-	-
Nonafluoro-3,6-dioxaheptanoic acid (NFDHA)	NA	ND (0.00019)	ND (0.00019)	-	-	-	-	-	-	-	ND (0.0002)	ND (0.0002)	-	-	-	-	-	-	-
Perfluoro(2-ethoxyethane) sulphonic acid (PFEESA)	NA	ND (0.00019)	ND (0.00019)	-	-	-	-	-	-	-	ND (0.0002)	ND (0.0002)	-	-	-	-	-	-	-
Perfluoro(4-methoxybutanoic) acid (PFMBA)	NA	ND (0.00019)	ND (0.00019)	-	-	-	-	-	-	-	ND (0.0002)	ND (0.0002)	-	-	-	-	-	-	-
Perfluoro-2-propoxypropanoic acid (PFPrOPrA)(GenX) (HFPO-DA)	NA	ND (0.00019)	ND (0.00019)	-	-	-	-	-	-	-	ND (0.0002)	0.00019 J	-	-	-	-	-	-	-
Perfluoro-3-methoxypropanoic acid (PFMPA)	NA	ND (0.00019)	ND (0.00019)	-	-	-	-	-	-	-	ND (0.0002)	ND (0.0002)	-	-	-	-	-	-	-
Perfluorobutanesulfonic acid (PFBS)	NA	ND (0.00019)	ND (0.00019)	-	-	-	-	-	-	-	ND (0.0002)	ND (0.0002)	-	-	-	-	-	-	-
Perfluorobutanoic acid (PFBA)	NA	ND (0.00039)	ND (0.00039)	-	-	-	-	-	-	-	ND (0.00039)	0.00027 J	-	-	-	-	-	-	-
Perfluorodecanesulfonic acid (PFDS)	NA	ND (0.00019)	ND (0.00019)	-	-	-	-	-	-	-	ND (0.0002)	ND (0.0002)	-	-	-	-	-	-	-
Perfluorodecanoic acid (PFDA)	NA	0.00018 J	0.0001 J	-	-	-	-	-	-	-	0.000062 J	ND (0.0002)	-	-	-	-	-	-	-
Perfluorododecane sulfonic acid (PFDoDS)	NA	ND (0.00019)	ND (0.00019)	-	-	-	-	-	-	-	ND (0.0002)	ND (0.0002)	-	-	-	-	-	-	-
Perfluorododecanoic acid (PFDoDA)	NA	ND (0.00019)	ND (0.00019)	-	-	-	-	-	-	-	ND (0.0002)	ND (0.0002)	-	-	-	-	-	-	-
Perfluoroheptanesulfonic acid (PFHpS)	NA	ND (0.00019)	ND (0.00019)	-	-	-	-	-	-	-	ND (0.0002)	ND (0.0002)	-	-	-	-	-	-	-
Perfluoroheptanoic acid (PFHpA)	NA	ND (0.00019)	ND (0.00019)	-	-	-	-	-	-	-	ND (0.0002)	ND (0.0002)	-	-	-	-	-	-	-
Perfluorohexanesulfonic acid (PFHxS)	NA	ND (0.00019)	ND (0.00019)	-	-	-	-	-	-	-	ND (0.0002)	ND (0.0002)	-	-	-	-	-	-	-
Perfluorohexanoic acid (PFHxA)	NA	ND (0.00019)	ND (0.00019)	-	-	-	-	-	-	-	ND (0.0002)	0.00013 J	-	-	-	-	-	-	-
Perfluorononane sulfonic acid (PFNS)	NA	ND (0.00019)	ND (0.00019)	-	-	-	-	-	-	-	ND (0.0002)	ND (0.0002)	-	-	-	-	-	-	-
Perfluorononanoic acid (PFNA)	NA	ND (0.00019)	ND (0.00019)	-	-	-	-	-	-	-	0.00011 J	ND (0.0002)	-	-	-	-	-	-	-
Perfluorooctane sulfonamide (PFOSA)	NA	ND (0.00019)	ND (0.00019)	-	-	-	-	-	-	-	ND (0.0002)	ND (0.0002)	-	-	-	-	-	-	-
Perfluorooctanesulfonic acid (PFOS)	0.44	ND (0.00019)	ND (0.00019)	-	-	-	-	-	-	-	ND (0.0002)	0.00011 J	-	-	-	-	-	-	-
Perfluorooctanoic acid (PFOA)	0.5	ND (0.00019)	ND (0.00019)	-	-	-	-	-	-	-	0.000062 J	0.00016 J	-	-	-	-	-	-	-
Perfluoropentanesulfonic acid (PFPeS)	NA	ND (0.00019)	ND (0.00019)	-	-	-	-	-	-	-	ND (0.0002)	ND (0.0002)	-	-	-	-	-	-	-
Perfluoropentanoic acid (PFPeA)	NA	ND (0.00019)	ND (0.00019)	-	-	-	-	-	-	-	ND (0.0002)	ND (0.0002)	-	-	-	-	-	-	-
Perfluorotetradecanoic acid (PFTeDA)	NA	ND (0.00019)	ND (0.00019)	-	-	-	-	-	-	-	ND (0.0002)	ND (0.0002)	-	-	-	-	-	-	-
Perfluorotridecanoic acid (PFTrDA)	NA	0.00018 J	0.00017 J	-	-	-	-	-	-	-	0.0001 J	0.00027	-	-	-	-	-	-	-
Perfluoroundecanoic acid (PFUnDA)	NA	0.00171	0.00108	-	-	-	-	-	-	-	0.00052	0.00035	-	-	-	-	-	-	-
Pesticides (mg/kg)																			
4,4'-DDD	92	ND (0.007)	ND (0.0074)	-	-	-	-	-	-	-	ND (0.0068)	ND (0.007)	-	-	-	-	-	-	-
4,4'-DDE	62	ND (0.007)	ND (0.0074)	-	-	-	-	-	-	-	ND (0.0068)	ND (0.007)	-	-	-	-	-	-	-
4,4'-DDT	47	ND (0.007)	ND (0.0074)	-	-	-	-	-	-	-	ND (0.0068)	ND (0.007)	-	-	-	-	-	-	-
Aldrin	0.68	ND (0.007)	ND (0.0074)	-	-	-	-	-	-	-	ND (0.0068)	ND (0.007)	-	-	-	-	-	-	-
alpha-BHC	3.4	ND (0.0021)	ND (0.0022)	-	-	-	-	-	-	-	ND (0.002)	ND (0.0021)	-	-	-	-	-	-	-
alpha-Chlordane (cis)	24	ND (0.007)	ND (0.0074)	-	-	-	-	-	-	-	ND (0.0068)	ND (0.007)	-	-	-	-	-	-	-
beta-BHC	3	ND (0.0021)	ND (0.0022)	-	-	-	-	-	-	-	ND (0.002)	ND (0.0021)	-	-	-	-	-	-	-
Chlordane	NA	ND (0.07)	ND (0.074)	-	-	-	-	-	-	-	ND (0.068)	ND (0.07)	-	-	-	-	-	-	-
delta-BHC	500	ND (0.0021)	ND (0.0022)	-	-	-	-	-	-	-	ND (0.002)	ND (0.0021)	-	-	-	-	-	-	-
Dieldrin	1.4	ND (0.0021)	ND (0.0022)	-	-	-	-	-	-	-	ND (0.002)	ND (0.0021)	-	-	-	-	-	-	-
Endosulfan I	200	ND (0.007)	ND (0.0074)	-	-	-	-	-	-	-	ND (0.0068)	ND (0.007)	-	-	-	-	-	-	-
Endosulfan II	200	ND (0.007)	ND (0.0074)	-	-	-	-	-	-	-	ND (0.0068)	ND (0.007)	-	-	-	-	-	-	-
Endosulfan sulfate	200	ND (0.007)	ND (0.0074)	-	-	-	-	-	-	-	ND (0.0068)	ND (0.007)	-	-	-	-	-	-	-
Endrin	89	ND (0.007)	ND (0.0074)	-	-	-	-	-	-	-	ND (0.0068)	ND (0.007)	-	-	-	-	-	-	-
Endrin aldehyde	NA	ND (0.007)	ND (0.0074)	-	-	-	-	-	-	-	ND (0.0068)	ND (0.007)	-	-	-	-	-	-	-
Endrin ketone	NA	ND (0.007)	ND (0.0074)	-	-	-	-	-	-	-	ND (0.0068)	ND (0.007)	-	-	-	-	-	-	-
gamma-BHC (Lindane)	9.2	ND (0.0021)	ND (0.0022)	-	-	-	-	-	-	-	ND (0.002)	ND (0.0021)	-	-	-	-	-	-	-
Heptachlor	15	ND (0.007)	ND (0.0074)	-	-	-	-	-	-	-	ND (0.0068)	ND (0.007)	-	-	-	-	-	-	-
Heptachlor epoxide	NA	ND (0.007)	ND (0.0074)	-	-	-	-	-	-	-	ND (0.0068)	ND (0.007)	-	-	-	-	-	-	-
Methoxychlor	NA	ND (0.007)	ND (0.0074)	-	-	-	-	-	-	-	ND (0.0068)	ND (0.007)	-	-	-	-	-	-	-
Toxaphene	NA	ND (0.07)	ND (0.074)	-	-	-	-	-	-	-	ND (0.068)	ND (0.07)	-	-	-	-	-	-	-

TABLE 1
SUMMARY OF SOIL QUALITY DATA - BERM 1
FORMER PORT MOBIL TERMINAL
STATEN ISLAND, NEW YORK
FILE NO. 0208998

	Criteria																		
Location Name	NY Part 375	1G	1G	1G1	1G1	1G2	1G2	1G2	1G3	1G3	1H	1H	1H1	1H1	1H1	1H2	1H2	1H3	1H3
Sample Name	Commercial	1G_0-7	1G_7-14	1G1_1-2	1G1_5-6	1G2_2-3	1G2_8-9	1G2_12-13	1G3_4-5	1G3_9-10	1H_0-7	1H_7-14	1H1_1-2	1H1_6-7	1H1_11-12	1H2_3-4	1H2_8-9	1H3_4-5	1H3_9-10
Sample Date	Use	10/03/2025	10/03/2025	10/03/2025	10/03/2025	10/03/2025	10/03/2025	10/03/2025	10/03/2025	10/03/2025	10/03/2025	10/03/2025	10/03/2025	10/03/2025	10/03/2025	10/03/2025	10/03/2025	10/03/2025	10/03/2025
Lab Sample ID	Soil Cleanup	460-336467-17	460-336467-18	460-336467-77	460-336467-80	460-336467-78	460-336467-81	460-336467-83	460-336467-79	460-336467-82	460-336467-19	460-336467-20	460-336467-84	460-336467-87	460-336467-90	460-336467-85	460-336467-88	460-336467-86	460-336467-89
Sample Depth (bgs)	Objectives	0 - 7 (ft)	7 - 14 (ft)	1 - 2 (ft)	5 - 6 (ft)	2 - 3 (ft)	8 - 9 (ft)	12 - 13 (ft)	4 - 5 (ft)	9 - 10 (ft)	0 - 7 (ft)	7 - 14 (ft)	1 - 2 (ft)	6 - 7 (ft)	11 - 12 (ft)	3 - 4 (ft)	8 - 9 (ft)	4 - 5 (ft)	9 - 10 (ft)
Polychlorinated Biphenyls (mg/kg)																			
Aroclor-1016 (PCB-1016)	NA	ND (0.07)	ND (0.074)	-	-	-	-	-	-	-	ND (0.068)	ND (0.07)	-	-	-	-	-	-	-
Aroclor-1221 (PCB-1221)	NA	ND (0.07)	ND (0.074)	-	-	-	-	-	-	-	ND (0.068)	ND (0.07)	-	-	-	-	-	-	-
Aroclor-1232 (PCB-1232)	NA	ND (0.07)	ND (0.074)	-	-	-	-	-	-	-	ND (0.068)	ND (0.07)	-	-	-	-	-	-	-
Aroclor-1242 (PCB-1242)	NA	ND (0.07)	ND (0.074)	-	-	-	-	-	-	-	ND (0.068)	ND (0.07)	-	-	-	-	-	-	-
Aroclor-1248 (PCB-1248)	NA	ND (0.07)	ND (0.074)	-	-	-	-	-	-	-	ND (0.068)	ND (0.07)	-	-	-	-	-	-	-
Aroclor-1254 (PCB-1254)	NA	ND (0.07)	ND (0.074)	-	-	-	-	-	-	-	ND (0.068)	ND (0.07)	-	-	-	-	-	-	-
Aroclor-1260 (PCB-1260)	NA	ND (0.07)	ND (0.074)	-	-	-	-	-	-	-	ND (0.068)	ND (0.07)	-	-	-	-	-	-	-
Aroclor-1262 (PCB-1262)	NA	ND (0.07)	ND (0.074)	-	-	-	-	-	-	-	ND (0.068)	ND (0.07)	-	-	-	-	-	-	-
Aroclor-1268 (PCB-1268)	NA	ND (0.07)	ND (0.074)	-	-	-	-	-	-	-	ND (0.068)	ND (0.07)	-	-	-	-	-	-	-
Total PCBs	1	ND (0.07)	ND (0.074)	-	-	-	-	-	-	-	ND (0.068)	ND (0.07)	-	-	-	-	-	-	-
Inorganic Compounds (mg/kg)																			
Aluminum	NA	2640	3670	-	-	-	-	-	-	-	2740	4180	-	-	-	-	-	-	-
Antimony	NA	1.1	0.55 J	-	-	-	-	-	-	-	1	0.66 J	-	-	-	-	-	-	-
Arsenic	16	9	6.9	-	-	-	-	-	-	-	7.9	7.3	-	-	-	-	-	-	-
Barium	400	24.1	29.9	-	-	-	-	-	-	-	22.1	37.1	-	-	-	-	-	-	-
Beryllium	590	0.3 J	0.42	-	-	-	-	-	-	-	0.31 J	0.39 J	-	-	-	-	-	-	-
Cadmium	9.3	0.26 J	0.2 J	-	-	-	-	-	-	-	0.37 J	0.23 J	-	-	-	-	-	-	-
Calcium	NA	20400	815	-	-	-	-	-	-	-	12100	3870	-	-	-	-	-	-	-
Chromium	NA	7	9.7	-	-	-	-	-	-	-	6.9	9.3	-	-	-	-	-	-	-
Cobalt	NA	3	4.3	-	-	-	-	-	-	-	3.1	3.8	-	-	-	-	-	-	-
Copper	270	41.8	35.1	-	-	-	-	-	-	-	47.6	30.7	-	-	-	-	-	-	-
Iron	NA	10800	12800	-	-	-	-	-	-	-	10200	13900	-	-	-	-	-	-	-
Lead	1000	48.1	41	-	-	-	-	-	-	-	51.3	67.5	-	-	-	-	-	-	-
Magnesium	NA	11700	923	-	-	-	-	-	-	-	7430	2810	-	-	-	-	-	-	-
Manganese	10000	165	183	-	-	-	-	-	-	-	196	175	-	-	-	-	-	-	-
Mercury	2.8	0.045	0.025	-	-	-	-	-	-	-	0.038	0.033	-	-	-	-	-	-	-
Nickel	310	6	9.7	-	-	-	-	-	-	-	7.1	7.8	-	-	-	-	-	-	-
Potassium	NA	474	572	-	-	-	-	-	-	-	437	580	-	-	-	-	-	-	-
Selenium	1500	0.23 J	0.23 J	-	-	-	-	-	-	-	0.23 J	0.22 J	-	-	-	-	-	-	-
Silver	1500	0.32 J	0.19 J	-	-	-	-	-	-	-	0.57	0.19 J	-	-	-	-	-	-	-
Sodium	NA	ND (93.3)	49 J	-	-	-	-	-	-	-	ND (93.5)	55.2 J	-	-	-	-	-	-	-
Thallium	NA	0.046 J	ND (0.41)	-	-	-	-	-	-	-	0.052 J	0.051 J	-	-	-	-	-	-	-
Vanadium	NA	16	15.6	-	-	-	-	-	-	-	15.9	16.5	-	-	-	-	-	-	-
Zinc	10000	38.1	79.7	-	-	-	-	-	-	-	49.2	44.4	-	-	-	-	-	-	-

ABBREVIATIONS AND NOTES:

mg/kg: milligram per kilogram

**: LCS or LCSD is outside acceptance limits.*
-: Not Analyzed
B: Compound was found in the blank and the associated sample.
bgs: below ground surface
ft: feet
J: Value is estimated.
NA: Not Applicable
ND (2.5): Not detected, number in parentheses is the laboratory reporting limit

- For test methods used, see the laboratory data sheets.
- Soil analytical results are compared to the New York State Department of Environmental Conservation (NYSDEC) Title 6 of the Official Compilation of New York Codes, Rules, and Regulations (NYCRR) Part 375 Commercial Use Soil Cleanup Objectives (SCO).
- Grey shading indicates an exceedance of the Commercial Use Soil Cleanup Objectives.

TABLE 2
SUMMARY OF SOIL QUALITY DATA - BERM 2
FORMER PORT MOBIL TERMINAL
STATEN ISLAND, NEW YORK
FILE NO. 0208998

	Criteria																		
Location Name	NY Part 375	2A	2A	2A1	2A1	2A1	2A2	2A2	2A3	2A3	2B_	2B_	2B1	2B1	2B1	2B2	2B2	2B3	2B3
Sample Name	Commercial	2A_0-6	2A_6-12	2A1_1-2	2A1_6-7	2A1_11-12	2A2_3-4	2A2_8-9	2A3_4-5	2A3_10-11	2B_0-6	2B_6-12	2B1_1-2	2B1_6-7	2B1_10-11	2B2_2-3	2B2_8-9	2B3_4-5	2B3_9-10
Sample Date	Use	10/03/2025	10/03/2025	10/03/2025	10/03/2025	10/03/2025	10/03/2025	10/03/2025	10/03/2025	10/03/2025	10/03/2025	10/03/2025	10/03/2025	10/03/2025	10/03/2025	10/03/2025	10/03/2025	10/03/2025	10/03/2025
Lab Sample ID	Soil Cleanup	460-336467-1	460-336467-2	460-336467-21	460-336467-24	460-336467-27	460-336467-22	460-336467-25	460-336467-23	460-336467-26	460-336467-3	460-336467-4	460-336467-28	460-336467-31	460-336467-34	460-336467-29	460-336467-32	460-336467-30	460-336467-33
Sample Depth (bgs)	Objectives	0 - 9 (ft)	6 - 12 (ft)	1 - 2 (ft)	6 - 7 (ft)	11 - 12 (ft)	3 - 4 (ft)	8 - 9 (ft)	4 - 5 (ft)	10 - 11 (ft)	0 - 6 (ft)	4 - 12 (ft)	1 - 2 (ft)	6 - 7 (ft)	10 - 11 (ft)	3 - 3 (ft)	8 - 9 (ft)	4 - 5 (ft)	9 - 10 (ft)
Volatile Organic Compounds (mg/kg)																			
1,1,1-Trichloroethane	500	-	-	ND (0.0011)	ND (0.0013)	ND (0.00095)	ND (0.00079)	ND (0.00091)	ND (0.0011)	ND (0.0014)	-	-	ND (0.0013)	ND (0.0012)	ND (0.0012)	ND (0.00095)	ND (0.0012)	ND (0.001)	ND (0.001)
1,1,2,2-Tetrachloroethane	NA	-	-	ND (0.0011)	ND (0.0013)	ND (0.00095)	ND (0.00079)	ND (0.00091)	ND (0.0011)	ND (0.0014)	-	-	ND (0.0013)	ND (0.0012)	ND (0.0012)	ND (0.00095)	ND (0.0012)	ND (0.001)	ND (0.001)
1,1,2-Trichloroethane	NA	-	-	ND (0.0011)	ND (0.0013)	ND (0.00095)	ND (0.00079)	ND (0.00091)	ND (0.0011)	ND (0.0014)	-	-	ND (0.0013)	ND (0.0012)	ND (0.0012)	ND (0.00095)	ND (0.0012)	ND (0.001)	ND (0.001)
1,1-Dichloroethane	240	-	-	ND (0.0011)	ND (0.0013)	ND (0.00095)	ND (0.00079)	ND (0.00091)	ND (0.0011)	ND (0.0014)	-	-	ND (0.0013)	ND (0.0012)	ND (0.0012)	ND (0.00095)	ND (0.0012)	ND (0.001)	ND (0.001)
1,1-Dichloroethene	500	-	-	ND (0.0011)	ND (0.0013)	ND (0.00095)	ND (0.00079)	ND (0.00091)	ND (0.0011)	ND (0.0014)	-	-	ND (0.0013)	ND (0.0012)	ND (0.0012)	ND (0.00095)	ND (0.0012)	ND (0.001)	ND (0.001)
1,2,3-Trichlorobenzene	NA	-	-	ND (0.0011)	ND (0.0013)	ND (0.00095)	ND (0.00079)	ND (0.00091)	ND (0.0011)	ND (0.0014)	-	-	ND (0.0013)	ND (0.0012)	ND (0.0012)	ND (0.00095)	ND (0.0012)	ND (0.001)	ND (0.001)
1,2,4-Trichlorobenzene	NA	-	-	ND (0.0011)	ND (0.0013)	ND (0.00095)	ND (0.00079)	ND (0.00091)	ND (0.0011)	ND (0.0014)	-	-	ND (0.0013)	ND (0.0012)	ND (0.0012)	ND (0.00095)	ND (0.0012)	ND (0.001)	ND (0.001)
1,2,4-Trimethylbenzene	190	-	-	ND (0.0011)	ND (0.0013)	ND (0.00095)	ND (0.00079)	ND (0.00091)	ND (0.0011)	ND (0.0014)	-	-	ND (0.0013)	ND (0.0012)	ND (0.0012)	ND (0.00095)	ND (0.0012)	ND (0.001)	ND (0.001)
1,2-Dibromo-3-chloropropane (DBCP)	NA	-	-	ND (0.0011)	ND (0.0013)	ND (0.00095)	ND (0.00079)	ND (0.00091)	ND (0.0011)	ND (0.0014)	-	-	ND (0.0013)	ND (0.0012)	ND (0.0012)	ND (0.00095)	ND (0.0012)	ND (0.001)	ND (0.001)
1,2-Dibromoethane (Ethylene Dibromide)	NA	-	-	ND (0.0011)	ND (0.0013)	ND (0.00095)	ND (0.00079)	ND (0.00091)	ND (0.0011)	ND (0.0014)	-	-	ND (0.0013)	ND (0.0012)	ND (0.0012)	ND (0.00095)	ND (0.0012)	ND (0.001)	ND (0.001)
1,2-Dichlorobenzene	500	-	-	ND (0.0011)	ND (0.0013)	ND (0.00095)	ND (0.00079)	ND (0.00091)	ND (0.0011)	ND (0.0014)	-	-	ND (0.0013)	ND (0.0012)	ND (0.0012)	ND (0.00095)	ND (0.0012)	ND (0.001)	ND (0.001)
1,2-Dichloroethane	30	-	-	ND (0.0011)	ND (0.0013)	ND (0.00095)	ND (0.00079)	ND (0.00091)	ND (0.0011)	ND (0.0014)	-	-	ND (0.0013)	ND (0.0012)	ND (0.0012)	ND (0.00095)	ND (0.0012)	ND (0.001)	ND (0.001)
1,2-Dichloropropane	NA	-	-	ND (0.0011)	ND (0.0013)	ND (0.00095)	ND (0.00079)	ND (0.00091)	ND (0.0011)	ND (0.0014)	-	-	ND (0.0013)	ND (0.0012)	ND (0.0012)	ND (0.00095)	ND (0.0012)	ND (0.001)	ND (0.001)
1,3,5-Trimethylbenzene	190	-	-	ND (0.0011)	ND (0.0013)	ND (0.00095)	ND (0.00079)	ND (0.00091)	ND (0.0011)	ND (0.0014)	-	-	ND (0.0013)	ND (0.0012)	ND (0.0012)	ND (0.00095)	ND (0.0012)	ND (0.001)	ND (0.001)
1,3-Dichlorobenzene	280	-	-	ND (0.0011)	ND (0.0013)	ND (0.00095)	ND (0.00079)	ND (0.00091)	ND (0.0011)	ND (0.0014)	-	-	ND (0.0013)	ND (0.0012)	ND (0.0012)	ND (0.00095)	ND (0.0012)	ND (0.001)	ND (0.001)
1,4-Dichlorobenzene	130	-	-	ND (0.0011)	ND (0.0013)	ND (0.00095)	ND (0.00079)	ND (0.00091)	ND (0.0011)	ND (0.0014)	-	-	ND (0.0013)	ND (0.0012)	ND (0.0012)	ND (0.00095)	ND (0.0012)	ND (0.001)	ND (0.001)
2-Butanone (Methyl Ethyl Ketone)	500	-	-	ND (0.0054)	ND (0.0064)	ND (0.0047)	ND (0.0039)	ND (0.0046)	ND (0.0055)	ND (0.0069)	-	-	ND (0.0067)	ND (0.0059)	ND (0.0062)	ND (0.0048)	ND (0.006)	ND (0.0052)	ND (0.005)
2-Hexanone (Methyl Butyl Ketone)	NA	-	-	ND (0.0054)	ND (0.0064)	ND (0.0047)	ND (0.0039)	ND (0.0046)	ND (0.0055)	ND (0.0069)	-	-	ND (0.0067)	ND (0.0059)	ND (0.0062)	ND (0.0048)	ND (0.006)	ND (0.0052)	ND (0.005)
2-Phenylbutane (sec-Butylbenzene)	500	-	-	ND (0.0011)	ND (0.0013)	ND (0.00095)	ND (0.00079)	ND (0.00091)	ND (0.0011)	ND (0.0014)	-	-	ND (0.0013)	ND (0.0012)	ND (0.0012)	ND (0.00095)	ND (0.0012)	ND (0.001)	ND (0.001)
4-Methyl-2-Pentanone (Methyl Isobutyl Ketone)	NA	-	-	ND (0.0054)	ND (0.0064)	ND (0.0047)	ND (0.0039)	ND (0.0046)	ND (0.0055)	ND (0.0069)	-	-	ND (0.0067)	ND (0.0059)	ND (0.0062)	ND (0.0048)	ND (0.006)	ND (0.0052)	ND (0.005)
Acetone	500	-	-	0.032	0.015	0.16	0.047	0.012	0.13	0.14	-	-	0.11	ND (0.0071)	0.16	0.084	0.19	0.036	0.0078
Benzene	44	-	-	ND (0.0011)	ND (0.0013)	ND (0.00095)	ND (0.00079)	ND (0.00091)	ND (0.0011)	ND (0.0014)	-	-	ND (0.0013)	ND (0.0012)	ND (0.0012)	ND (0.00095)	ND (0.0012)	ND (0.001)	ND (0.001)
Bromodichloromethane	NA	-	-	ND (0.0011)	ND (0.0013)	ND (0.00095)	ND (0.00079)	ND (0.00091)	ND (0.0011)	ND (0.0014)	-	-	ND (0.0013)	ND (0.0012)	ND (0.0012)	ND (0.00095)	ND (0.0012)	ND (0.001)	ND (0.001)
Bromoform	NA	-	-	ND (0.0011)	ND (0.0013)	ND (0.00095)	ND (0.00079)	ND (0.00091)	ND (0.0011)	ND (0.0014)	-	-	ND (0.0013)	ND (0.0012)	ND (0.0012)	ND (0.00095)	ND (0.0012)	ND (0.001)	ND (0.001)
Bromomethane (Methyl Bromide)	NA	-	-	ND (0.0022) *	ND (0.0025) *	ND (0.0019) *	ND (0.0016) *	ND (0.0018) *	ND (0.0022) *	ND (0.0028) *	-	-	ND (0.0027) *	ND (0.0024) *	ND (0.0025) *	ND (0.0019) *	ND (0.0024) *	ND (0.0021) *	ND (0.002) *
Carbon disulfide	NA	-	-	ND (0.0011)	ND (0.0013)	ND (0.00095)	ND (0.00079)	ND (0.00091)	ND (0.0011)	ND (0.0014)	-	-	ND (0.0013)	ND (0.0012)	ND (0.0012)	ND (0.00095)	ND (0.0012)	ND (0.001)	ND (0.001)
Carbon tetrachloride	22	-	-	ND (0.0011)	ND (0.0013)	ND (0.00095)	ND (0.00079)	ND (0.00091)	ND (0.0011)	ND (0.0014)	-	-	ND (0.0013)	ND (0.0012)	ND (0.0012)	ND (0.00095)	ND (0.0012)	ND (0.001)	ND (0.001)
Chlorobenzene	500	-	-	ND (0.0011)	ND (0.0013)	ND (0.00095)	ND (0.00079)	ND (0.00091)	ND (0.0011)	ND (0.0014)	-	-	ND (0.0013)	ND (0.0012)	ND (0.0012)	ND (0.00095)	ND (0.0012)	ND (0.001)	ND (0.001)
Chlorobromomethane	NA	-	-	ND (0.0011)	ND (0.0013)	ND (0.00095)	ND (0.00079)	ND (0.00091)	ND (0.0011)	ND (0.0014)	-	-	ND (0.0013)	ND (0.0012)	ND (0.0012)	ND (0.00095)	ND (0.0012)	ND (0.001)	ND (0.001)
Chloroethane	NA	-	-	ND (0.0011) *	ND (0.0013) *	ND (0.00095) *	ND (0.00079) *	ND (0.00091) *	ND (0.0011) *	ND (0.0014) *	-	-	ND (0.0013) *	ND (0.0012) *	ND (0.0012) *	ND (0.00095) *	ND (0.0012) *	ND (0.001) *	ND (0.001) *
Chloroform (Trichloromethane)	350	-	-	ND (0.0011)	ND (0.0013)	ND (0.00095)	ND (0.00079)	ND (0.00091)	ND (0.0011)	ND (0.0014)	-	-	ND (0.0013)	ND (0.0012)	ND (0.0012)	ND (0.00095)	ND (0.0012)	ND (0.001)	ND (0.001)
Chloromethane (Methyl Chloride)	NA	-	-	ND (0.0011)	ND (0.0013)	ND (0.00095)	ND (0.00079)	ND (0.00091)	ND (0.0011)	ND (0.0014)	-	-	ND (0.0013)	ND (0.0012)	ND (0.0012)	ND (0.00095)	ND (0.0012)	ND (0.001)	ND (0.001)
cis-1,2-Dichloroethene	500	-	-	ND (0.0011)	ND (0.0013)	ND (0.00095)	ND (0.00079)	ND (0.00091)	ND (0.0011)	ND (0.0014)	-	-	ND (0.0013)	ND (0.0012)	ND (0.0012)	ND (0.00095)	ND (0.0012)	ND (0.001)	ND (0.001)
cis-1,3-Dichloropropene	NA	-	-	ND (0.0011)	ND (0.0013)	ND (0.00095)	ND (0.00079)	ND (0.00091)	ND (0.0011)	ND (0.0014)	-	-	ND (0.0013)	ND (0.0012)	ND (0.0012)	ND (0.00095)	ND (0.0012)	ND (0.001)	ND (0.001)
Cyclohexane	NA	-	-	ND (0.0011)	ND (0.0013)	ND (0.00095)	ND (0.00079)	ND (0.00091)	ND (0.0011)	ND (0.0014)	-	-	ND (0.0013)	ND (0.0012)	ND (0.0012)	ND (0.00095)	ND (0.0012)	ND (0.001)	ND (0.001)
Dibromochloromethane	NA	-	-	ND (0.0011)	ND (0.0013)	ND (0.00095)	ND (0.00079)	ND (0.00091)	ND (0.0011)	ND (0.0014)	-	-	ND (0.0013)	ND (0.0012)	ND (0.0012)	ND (0.00095)	ND (0.0012)	ND (0.001)	ND (0.001)
Dichlorodifluoromethane (CFC-12)	NA	-	-	ND (0.0011)	ND (0.0013)	ND (0.00095)	ND (0.00079)	ND (0.00091)	ND (0.0011)	ND (0.0014)	-	-	ND (0.0013)	ND (0.0012)	ND (0.0012)	ND (0.00095)	ND (0.0012)	ND (0.001)	ND (0.001)
Ethylbenzene	390	-	-	ND (0.0011)	ND (0.0013)	ND (0.00095)	ND (0.00079)	ND (0.00091)	ND (0.0011)	ND (0.0014)	-	-	ND (0.0013)	ND (0.0012)	ND (0.0012)	ND (0.00095)	ND (0.0012)	ND (0.001)	ND (0.001)
Isopropylbenzene (Cumene)	NA	-	-	ND (0.0011)	ND (0.0013)	ND (0.00095)	ND (0.00079)	ND (0.00091)	ND (0.0011)	ND (0.0014)	-	-	ND (0.0013)	ND (0.0012)	ND (0.0012)	ND (0.00095)	ND (0.0012)	ND (0.001)	ND (0.001)
m,p-Xylenes	NA	-	-	ND (0.0011)	ND (0.0013)	ND (0.00095)	ND (0.00079)	ND (0.00091)	ND (0.0011)	ND (0.0014)	-	-	ND (0.0013)	ND (0.0012)	ND (0.0012)	ND (0.00095)	ND (0.0012)	ND (0.001)	ND (0.001)
Methyl acetate	NA	-	-	ND (0.0054)	ND (0.0064)	ND (0.0047)	ND (0.0039)	ND (0.0046)	ND (0.0055)	ND (0.0069)	-	-	ND (0.0067)	ND (0.0059)	ND (0.0062)	ND (0.0048)	ND (0.006)	ND (0.0052)	ND (0.005)
Methyl Tert Butyl Ether (MTBE)	500	-	-	ND (0.0011)	ND (0.0013)	ND (0.00095)	ND (0.00079)	ND (0.00091)	ND (0.0011)	ND (0.0014)	-	-	ND (0.0013)	ND (0.0012)	ND (0.0012)	ND (0.00095)	ND (0.0012)	ND (0.001)	ND (0.001)
Methylcyclohexane	NA	-	-	ND (0.0011)	ND (0.0013)	ND (0.00095)	ND (0.00079)	ND (0.00091)	ND (0.0011)	ND (0.0014)	-	-	ND (0.0013)	ND (0.0012)	ND (0.0012)	ND (0.00095)	ND (0.0012)	ND (0.001)	ND (0.001)
Methylene chloride (Dichloromethane)	500	-	-	ND (0.0022)	ND (0.0025)	ND (0.0019)	ND (0.0016)	ND (0.0018)	ND (0.0022)	ND (0.0028)	-	-	ND (0.0027)	ND (0.0024)	0.0017 J	ND (0.0019)	ND (0.0024)	ND (0.0021)	ND (0.002)
n-Butylbenzene	500	-	-	ND (0.0011)	ND (0.0013)	ND (0.00095)	ND (0.00079)	ND (0.00091)	ND (0.0011)	ND (0.0014)	-	-	ND (0.0013)	ND (0.0012)	ND (0.0012)	ND (0.00095)	ND (0.0012)	ND (0.001)	ND (0.001)
n-Propylbenzene	500	-	-	ND (0.0011)	ND (0.0013)	ND (0.00095)	ND (0.00079)	ND (0.00091)	ND (0.0011)	ND (0.0014)	-	-	ND (0.0013)	ND (0.0012)	ND (0.0012)	ND (0.00095)	ND (0.0012)	ND (0.001)	ND (0.001)
o-Xylene	NA	-	-	ND (0.0011)	ND (0.0013)	ND (0.00095)	ND (0.00079)	ND (0.00091)	ND (0.0011)	ND (0.0014)	-	-	ND (0.0013)	ND (0.0012)	ND (0.0012)	ND (0.00095)	ND (0.0012)	ND (0.001)	ND (0.001)
Styrene	NA	-	-	ND (0.0011)	ND (0.0013)	ND (0.00095)	ND (0.00079)	ND (0.00091)	ND (0.0011)	ND (0.0014)	-	-	ND (0.0013)	ND (0.0012)	ND (0.0012)	ND (0.00095)	ND (0.0012)	ND (0.001)	ND (0.001)
tert-Butylbenzene	500	-	-	ND (0.0011)	ND (0.0013)	ND (0.00095)	ND (0.00079)	ND (0.00091)	ND (0.0011)	ND (0.0014)	-	-	ND (0.0013)	ND (0.0012)	ND (0.0012)	ND (0.00095)	ND (0.0012)	ND (0.001)	ND (0.001)
Tetrachloroethene	150	-	-	ND (0.0011)	ND (0.0013)	ND (0.00095)	ND (0.00079)	ND (0.00091)	ND (0.0011)	ND (0.0014)	-	-	ND (0.0013)	ND (0.0012)	ND (0.0012)	ND (0.00095)	ND (0.0012)	ND (0.001)	ND (0.001)
Toluene	500	-	-	0.00045 J	0.00058 J	ND (0.00095)	0.00034 J	0.00046 J	0.0005 J	0.00075 J	-	-	ND (0.0013)	ND (0.0012)	ND (0.0012)	0.00055 J	0.00047 J	ND (0.001)	ND (0.001)
trans-1,2-Dichloroethene	500	-	-	ND (0.0011)	ND (0.0013)	ND (0.00095)	ND (0.00079)	ND (0.00091)	ND (0.0011)	ND (0.0014)	-	-	ND (0.0013)	ND (0.0012)	ND (0.0012)	ND (0.00095)	ND (0.0012)	ND (0.001)	ND (0.001)
trans-1,3-Dichloropropene	NA	-	-	ND (0.0011)	ND (0.0013)	ND (0.00095)	ND (0.00079)	ND (0.00091)	ND (0.0011)	ND (0.0014)	-	-	ND (0.0013)	ND (0.0012)	ND (0.0012)	ND (0.00095)	ND (0.0012)	ND (0.001)	ND (0.001)
Trichloroethene	200	-	-	ND (0.0011)	ND (0.0013)	ND (0.00095)	ND (0.00079)	ND (0.00091)	ND (0.0011)	ND (0.0014)	-	-	ND (0.0013)	ND (0.0012)	ND (0.0012)	ND (0.00095)	ND (0.0012)	ND (0.001)	ND (0.001)
Trichlorofluoromethane (CFC-11)	NA	-	-	ND (0.0011)	ND (0.0013)	ND (0.00095)	ND (0.00079)	ND (0.00091)	ND (0.0011)	ND (0.0014)	-	-	ND (0.0013)	ND (0.0012)	ND (0.0012)	ND (0.00095)	ND (0.0012)	ND (0.001)	ND (0.001)
Trifluorotrichloroethane (Freon 113)	NA	-	-	ND (0.0011)	ND (0.0013)	ND (0.00095)	ND (0.00079)	ND (0.00091)	ND (0.0011)	ND (0.0014)	-	-	ND (0.0013)	ND (0.0012)	ND (0.0012)	ND (0.00095)	ND (0.0012)	ND (0.001)	ND (0.001)
Vinyl chloride	13	-	-	ND (0.0011)	ND (0.0013)	ND (0.00095)	ND (0.00079)	ND (0.00091)	ND (0.0011)	ND (0.0014)	-	-	ND (0.0013)	ND (0.0012)	ND (0.0012)	ND (0.00095)	ND (0.0012)	ND (0.001)	ND (0.001)
Xylene (Total)	500	-	-	ND (0.0022)	ND (0.0025)	ND (0.0019)	ND (0.0016)	ND (0.0018)	ND (0.0022)	ND (0.0028)	-	-	ND (0.0027)	ND (0.0024)	ND (0.0025)	ND (0.0019)	ND (0.0024)	ND (0.0021)	ND (0.002)

TABLE 2
SUMMARY OF SOIL QUALITY DATA - BERM 2
FORMER PORT MOBIL TERMINAL
STATEN ISLAND, NEW YORK
FILE NO. 0208998

	Criteria																		
Location Name	NY Part 375	2A	2A	2A1	2A1	2A1	2A2	2A2	2A3	2A3	2B_	2B_	2B1	2B1	2B1	2B2	2B2	2B3	2B3
Sample Name	Commercial	2A_0-6	2A_6-12	2A1_1-2	2A1_6-7	2A1_11-12	2A2_3-4	2A2_8-9	2A3_4-5	2A3_10-11	2B_0-6	2B_6-12	2B1_1-2	2B1_6-7	2B1_10-11	2B2_2-3	2B2_8-9	2B3_4-5	2B3_9-10
Sample Date	Use	10/03/2025	10/03/2025	10/03/2025	10/03/2025	10/03/2025	10/03/2025	10/03/2025	10/03/2025	10/03/2025	10/03/2025	10/03/2025	10/03/2025	10/03/2025	10/03/2025	10/03/2025	10/03/2025	10/03/2025	10/03/2025
Lab Sample ID	Soil Cleanup	460-336467-1	460-336467-2	460-336467-21	460-336467-24	460-336467-27	460-336467-22	460-336467-25	460-336467-23	460-336467-26	460-336467-3	460-336467-4	460-336467-28	460-336467-31	460-336467-34	460-336467-29	460-336467-32	460-336467-30	460-336467-33
Sample Depth (bgs)	Objectives	0 - 9 (ft)	6 - 12 (ft)	1 - 2 (ft)	6 - 7 (ft)	11 - 12 (ft)	3 - 4 (ft)	8 - 9 (ft)	4 - 5 (ft)	10 - 11 (ft)	0 - 6 (ft)	4 - 12 (ft)	1 - 2 (ft)	6 - 7 (ft)	10 - 11 (ft)	3 - 3 (ft)	8 - 9 (ft)	4 - 5 (ft)	9 - 10 (ft)
Semi-Volatile Organic Compounds (mg/kg)																			
1,2,4,5-Tetrachlorobenzene	NA	ND (0.34)	ND (0.35)	-	-	-	-	-	-	-	ND (0.34)	ND (0.35)	-	-	-	-	-	-	-
1,4-Dioxane	130	ND (0.034)	ND (0.035)	-	-	-	-	-	-	-	ND (0.034)	ND (0.035)	-	-	-	-	-	-	-
2,2'-oxybis(1-Chloropropane)	NA	ND (0.34)	ND (0.35)	-	-	-	-	-	-	-	ND (0.34)	ND (0.35)	-	-	-	-	-	-	-
2,3,4,6-Tetrachlorophenol	NA	ND (0.34)	ND (0.35)	-	-	-	-	-	-	-	ND (0.34)	ND (0.35)	-	-	-	-	-	-	-
2,4,5-Trichlorophenol	NA	ND (0.34)	ND (0.35)	-	-	-	-	-	-	-	ND (0.34)	ND (0.35)	-	-	-	-	-	-	-
2,4,6-Trichlorophenol	NA	ND (0.14)	ND (0.14)	-	-	-	-	-	-	-	ND (0.14)	ND (0.14)	-	-	-	-	-	-	-
2,4-Dichlorophenol	NA	ND (0.14)	ND (0.14)	-	-	-	-	-	-	-	ND (0.14)	ND (0.14)	-	-	-	-	-	-	-
2,4-Dimethylphenol	NA	ND (0.34)	ND (0.35)	-	-	-	-	-	-	-	ND (0.34)	ND (0.35)	-	-	-	-	-	-	-
2,4-Dinitrophenol	NA	ND (0.27)	ND (0.28)	-	-	-	-	-	-	-	ND (0.27)	ND (0.28)	-	-	-	-	-	-	-
2,4-Dinitrotoluene	NA	ND (0.069)	ND (0.07)	-	-	-	-	-	-	-	ND (0.069)	ND (0.07)	-	-	-	-	-	-	-
2,6-Dinitrotoluene	NA	ND (0.069)	ND (0.07)	-	-	-	-	-	-	-	ND (0.069)	ND (0.07)	-	-	-	-	-	-	-
2-Chloronaphthalene	NA	ND (0.34)	ND (0.35)	-	-	-	-	-	-	-	ND (0.34)	ND (0.35)	-	-	-	-	-	-	-
2-Chlorophenol	NA	ND (0.34)	ND (0.35)	-	-	-	-	-	-	-	ND (0.34)	ND (0.35)	-	-	-	-	-	-	-
2-Methylnaphthalene	NA	ND (0.34)	ND (0.35)	-	-	-	-	-	-	-	ND (0.34)	ND (0.35)	-	-	-	-	-	-	-
2-Methylphenol (o-Cresol)	500	ND (0.34)	ND (0.35)	-	-	-	-	-	-	-	ND (0.34)	ND (0.35)	-	-	-	-	-	-	-
2-Nitroaniline	NA	ND (0.34)	ND (0.35)	-	-	-	-	-	-	-	ND (0.34)	ND (0.35)	-	-	-	-	-	-	-
2-Nitrophenol	NA	ND (0.34)	ND (0.35)	-	-	-	-	-	-	-	ND (0.34)	ND (0.35)	-	-	-	-	-	-	-
3&4-Methylphenol	NA	ND (0.34)	ND (0.35)	-	-	-	-	-	-	-	ND (0.34)	ND (0.35)	-	-	-	-	-	-	-
3,3'-Dichlorobenzidine	NA	ND (0.14)	ND (0.14)	-	-	-	-	-	-	-	ND (0.14)	ND (0.14)	-	-	-	-	-	-	-
3-Nitroaniline	NA	ND (0.34)	ND (0.35)	-	-	-	-	-	-	-	ND (0.34)	ND (0.35)	-	-	-	-	-	-	-
4,6-Dinitro-2-methylphenol	NA	ND (0.27)	ND (0.28)	-	-	-	-	-	-	-	ND (0.27)	ND (0.28)	-	-	-	-	-	-	-
4-Bromophenyl phenyl ether (BDE-3)	NA	ND (0.34)	ND (0.35)	-	-	-	-	-	-	-	ND (0.34)	ND (0.35)	-	-	-	-	-	-	-
4-Chloro-3-methylphenol	NA	ND (0.34)	ND (0.35)	-	-	-	-	-	-	-	ND (0.34)	ND (0.35)	-	-	-	-	-	-	-
4-Chloroaniline	NA	ND (0.34)	ND (0.35)	-	-	-	-	-	-	-	ND (0.34)	ND (0.35)	-	-	-	-	-	-	-
4-Chlorophenyl phenyl ether	NA	ND (0.34)	ND (0.35)	-	-	-	-	-	-	-	ND (0.34)	ND (0.35)	-	-	-	-	-	-	-
4-Methylphenol	500	ND (0.34)	ND (0.35)	-	-	-	-	-	-	-	ND (0.34)	ND (0.35)	-	-	-	-	-	-	-
4-Nitroaniline	NA	ND (0.34)	ND (0.35)	-	-	-	-	-	-	-	ND (0.34)	ND (0.35)	-	-	-	-	-	-	-
4-Nitrophenol	NA	ND (0.69)	ND (0.7)	-	-	-	-	-	-	-	ND (0.69)	ND (0.7)	-	-	-	-	-	-	-
Acenaphthene	500	ND (0.34)	ND (0.35)	-	-	-	-	-	-	-	ND (0.34)	ND (0.35)	-	-	-	-	-	-	-
Acenaphthylene	500	ND (0.34)	ND (0.35)	-	-	-	-	-	-	-	ND (0.34)	ND (0.35)	-	-	-	-	-	-	-
Acetophenone	NA	ND (0.34)	ND (0.35)	-	-	-	-	-	-	-	ND (0.34)	ND (0.35)	-	-	-	-	-	-	-
Anthracene	500	ND (0.34)	ND (0.35)	-	-	-	-	-	-	-	ND (0.34)	ND (0.35)	-	-	-	-	-	-	-
Atrazine	NA	ND (0.14)	ND (0.14)	-	-	-	-	-	-	-	ND (0.14)	ND (0.14)	-	-	-	-	-	-	-
Benzaldehyde	NA	ND (0.34)	ND (0.35)	-	-	-	-	-	-	-	ND (0.34)	ND (0.35)	-	-	-	-	-	-	-
Benzo(a)anthracene	5.6	ND (0.034)	ND (0.035)	-	-	-	-	-	-	-	ND (0.034)	ND (0.035)	-	-	-	-	-	-	-
Benzo(a)pyrene	1	ND (0.034)	ND (0.035)	-	-	-	-	-	-	-	ND (0.034)	ND (0.035)	-	-	-	-	-	-	-
Benzo(b)fluoranthene	5.6	ND (0.034)	ND (0.035)	-	-	-	-	-	-	-	ND (0.034)	ND (0.035)	-	-	-	-	-	-	-
Benzo(g,h,i)perylene	500	ND (0.34)	ND (0.35)	-	-	-	-	-	-	-	ND (0.34)	ND (0.35)	-	-	-	-	-	-	-
Benzo(k)fluoranthene	56	ND (0.034)	ND (0.035)	-	-	-	-	-	-	-	ND (0.034)	ND (0.035)	-	-	-	-	-	-	-
Biphenyl	NA	ND (0.34)	ND (0.35)	-	-	-	-	-	-	-	ND (0.34)	ND (0.35)	-	-	-	-	-	-	-
bis(2-Chloroethoxy)methane	NA	ND (0.34)	ND (0.35)	-	-	-	-	-	-	-	ND (0.34)	ND (0.35)	-	-	-	-	-	-	-
bis(2-Chloroethyl)ether	NA	ND (0.034)	ND (0.035)	-	-	-	-	-	-	-	ND (0.034)	ND (0.035)	-	-	-	-	-	-	-
bis(2-Ethylhexyl)phthalate	NA	ND (0.34)	ND (0.35)	-	-	-	-	-	-	-	ND (0.34)	ND (0.35)	-	-	-	-	-	-	-
Butyl benzylphthalate (BBP)	NA	ND (0.34)	ND (0.35)	-	-	-	-	-	-	-	ND (0.34)	ND (0.35)	-	-	-	-	-	-	-
Caprolactam	NA	ND (0.34)	ND (0.35)	-	-	-	-	-	-	-	ND (0.34)	ND (0.35)	-	-	-	-	-	-	-
Carbazole	NA	ND (0.34)	ND (0.35)	-	-	-	-	-	-	-	ND (0.34)	ND (0.35)	-	-	-	-	-	-	-
Chrysene	56	ND (0.34)	ND (0.35)	-	-	-	-	-	-	-	ND (0.34)	ND (0.35)	-	-	-	-	-	-	-
Dibenz(a,h)anthracene	0.56	ND (0.034)	ND (0.035)	-	-	-	-	-	-	-	ND (0.034)	ND (0.035)	-	-	-	-	-	-	-
Dibenzofuran	350	ND (0.34)	ND (0.35)	-	-	-	-	-	-	-	ND (0.34)	ND (0.35)	-	-	-	-	-	-	-
Diethyl phthalate	NA	ND (0.34)	ND (0.35)	-	-	-	-	-	-	-	ND (0.34)	ND (0.35)	-	-	-	-	-	-	-
Dimethyl phthalate	NA	ND (0.34)	ND (0.35)	-	-	-	-	-	-	-	ND (0.34)	ND (0.35)	-	-	-	-	-	-	-
Di-n-butylphthalate (DBP)	NA	ND (0.34)	ND (0.35)	-	-	-	-	-	-	-	ND (0.34)	ND (0.35)	-	-	-	-	-	-	-
Di-n-octyl phthalate (DnOP)	NA	ND (0.34)	ND (0.35)	-	-	-	-	-	-	-	ND (0.34)	ND (0.35)	-	-	-	-	-	-	-
Fluoranthene	500	ND (0.34)	ND (0.35)	-	-	-	-	-	-	-	ND (0.34)	ND (0.35)	-	-	-	-	-	-	-
Fluorene	500	ND (0.34)	ND (0.35)	-	-	-	-	-	-	-	ND (0.34)	ND (0.35)	-	-	-	-	-	-	-
Hexachlorobenzene	6	ND (0.034)	ND (0.035)	-	-	-	-	-	-	-	ND (0.034)	ND (0.035)	-	-	-	-	-	-	-
Hexachlorobutadiene	NA	ND (0.069)	ND (0.07)	-	-	-	-	-	-	-	ND (0.069)	ND (0.07)	-	-	-	-	-	-	-
Hexachlorocyclopentadiene	NA	ND (0.34)	ND (0.35)	-	-	-	-	-	-	-	ND (0.34)	ND (0.35)	-	-	-	-	-	-	-
Hexachloroethane	NA	ND (0.034)	ND (0.035)	-	-	-	-	-	-	-	ND (0.034)	ND (0.035)	-	-	-	-	-	-	-
Indeno(1,2,3-cd)pyrene	5.6	ND (0.034)	ND (0.035)	-	-	-	-	-	-	-	ND (0.034)	ND (0.035)	-	-	-	-	-	-	-
Isophorone	NA	ND (0.14)	ND (0.14)	-	-	-	-	-	-	-	ND (0.14)	ND (0.14)	-	-	-	-	-	-	-
Naphthalene	500	ND (0.34)	ND (0.35)	-	-	-	-	-	-	-	ND (0.34)	ND (0.35)	-	-	-	-	-	-	-
Nitrobenzene	NA	ND (0.034)	ND (0.035)	-	-	-	-	-	-	-	ND (0.034)	ND (0.035)	-	-	-	-	-	-	-
N-Nitrosodi-n-propylamine	NA	ND (0.034)	ND (0.035)	-	-	-	-	-	-	-	ND (0.034)	ND (0.035)	-	-	-	-	-	-	-
N-Nitrosodiphenylamine	NA	ND (0.34)	ND (0.35)	-	-	-	-	-	-	-	ND (0.34)	ND (0.35)	-	-	-	-	-	-	-
Pentachlorophenol	6.7	ND (0.27)	ND (0.28)	-	-	-	-	-	-	-	ND (0.27)	ND (0.28)	-	-	-	-	-	-	-
Phenanthrene	500	ND (0.34)	ND (0.35)	-	-	-	-	-	-	-	ND (0.34)	ND (0.35)	-	-	-	-	-	-	-
Phenol	500	ND (0.34)	ND (0.35)	-	-	-	-	-	-	-	ND (0.34)	ND (0.35)	-	-	-	-	-	-	-
Pyrene	500	ND (0.34)	ND (0.35)	-	-	-	-	-	-	-	ND (0.34)	ND (0.35)	-	-	-	-	-	-	-

TABLE 2
SUMMARY OF SOIL QUALITY DATA - BERM 2
FORMER PORT MOBIL TERMINAL
STATEN ISLAND, NEW YORK
FILE NO. 0208998

	Criteria																		
Location Name	NY Part 375	2A	2A	2A1	2A1	2A1	2A2	2A2	2A3	2A3	2B_	2B_	2B1	2B1	2B1	2B2	2B2	2B3	2B3
Sample Name	Commercial	2A_0-6	2A_6-12	2A1_1-2	2A1_6-7	2A1_11-12	2A2_3-4	2A2_8-9	2A3_4-5	2A3_10-11	2B_0-6	2B_6-12	2B1_1-2	2B1_6-7	2B1_10-11	2B2_2-3	2B2_8-9	2B3_4-5	2B3_9-10
Sample Date	Use	10/03/2025	10/03/2025	10/03/2025	10/03/2025	10/03/2025	10/03/2025	10/03/2025	10/03/2025	10/03/2025	10/03/2025	10/03/2025	10/03/2025	10/03/2025	10/03/2025	10/03/2025	10/03/2025	10/03/2025	10/03/2025
Lab Sample ID	Soil Cleanup	460-336467-1	460-336467-2	460-336467-21	460-336467-24	460-336467-27	460-336467-22	460-336467-25	460-336467-23	460-336467-26	460-336467-3	460-336467-4	460-336467-28	460-336467-31	460-336467-34	460-336467-29	460-336467-32	460-336467-30	460-336467-33
Sample Depth (bgs)	Objectives	0 - 9 (ft)	6 - 12 (ft)	1 - 2 (ft)	6 - 7 (ft)	11 - 12 (ft)	3 - 4 (ft)	8 - 9 (ft)	4 - 5 (ft)	10 - 11 (ft)	0 - 6 (ft)	4 - 12 (ft)	1 - 2 (ft)	6 - 7 (ft)	10 - 11 (ft)	3 - 3 (ft)	8 - 9 (ft)	4 - 5 (ft)	9 - 10 (ft)
PFAS (mg/kg)																			
11-Chloroeicosafluoro-3-Oxaundecane-1-Sulfonic Acid (11Cl-PF3OUdS)	NA	ND (0.00019)	ND (0.00019)	-	-	-	-	-	-	-	ND (0.00019)	ND (0.00019)	-	-	-	-	-	-	-
2H,2H,3H,3H-Perfluorooctanoic acid (5:3 FTCA)	NA	ND (0.00095)	ND (0.00095)	-	-	-	-	-	-	-	ND (0.00096)	ND (0.00096)	-	-	-	-	-	-	-
3-(Perfluoroheptyl)propanoic acid (7:3 FTCA)	NA	ND (0.00095)	ND (0.00095)	-	-	-	-	-	-	-	ND (0.00096)	ND (0.00096)	-	-	-	-	-	-	-
3:3 Fluorotelomer carboxylic acid (3:3 FTCA)	NA	ND (0.00038)	ND (0.00038)	-	-	-	-	-	-	-	ND (0.00038)	ND (0.00039)	-	-	-	-	-	-	-
4,8-Dioxa-3H-Perfluorononanoic Acid (ADONA)	NA	ND (0.00019)	ND (0.00019)	-	-	-	-	-	-	-	ND (0.00019)	ND (0.00019)	-	-	-	-	-	-	-
4:2 Fluorotelomer sulfonic acid (4:2 FTS)	NA	ND (0.00038)	ND (0.00038)	-	-	-	-	-	-	-	ND (0.00038)	ND (0.00039)	-	-	-	-	-	-	-
6:2 Fluorotelomer sulfonic acid (6:2 FTS)	NA	ND (0.00038)	ND (0.00038)	-	-	-	-	-	-	-	ND (0.00038)	ND (0.00039)	-	-	-	-	-	-	-
8:2 Fluorotelomer sulfonic acid (8:2 FTS)	NA	ND (0.00038)	ND (0.00038)	-	-	-	-	-	-	-	ND (0.00038)	ND (0.00039)	-	-	-	-	-	-	-
9-Chlorohexadecafluoro-3-Oxanone-1-Sulfonic Acid (9Cl-PF3ONS)	NA	ND (0.00019)	ND (0.00019)	-	-	-	-	-	-	-	ND (0.00019)	ND (0.00019)	-	-	-	-	-	-	-
N-Ethyl Perfluorooctanesulfonamidoacetic Acid (NEtFOSAA)	NA	ND (0.00019)	ND (0.00019)	-	-	-	-	-	-	-	ND (0.00019)	ND (0.00019)	-	-	-	-	-	-	-
N-Ethylperfluorooctane sulfonamide (N-EtFOSA)	NA	ND (0.00019)	ND (0.00019)	-	-	-	-	-	-	-	ND (0.00019)	ND (0.00019)	-	-	-	-	-	-	-
N-Ethylperfluorooctane sulfonamidoethanol (N-EtFOSE)	NA	ND (0.00095)	ND (0.00095)	-	-	-	-	-	-	-	ND (0.00096)	ND (0.00096)	-	-	-	-	-	-	-
N-Methyl Perfluorooctanesulfonamidoacetic Acid (NMeFOSAA)	NA	ND (0.00019)	ND (0.00019)	-	-	-	-	-	-	-	ND (0.00019)	ND (0.00019)	-	-	-	-	-	-	-
N-Methylperfluorooctane sulfonamide (N-MeFOSA)	NA	ND (0.00019)	ND (0.00019)	-	-	-	-	-	-	-	ND (0.00019)	ND (0.00019)	-	-	-	-	-	-	-
N-Methylperfluorooctane sulfonamidoethanol (N-MeFOSE)	NA	ND (0.00095)	ND (0.00095)	-	-	-	-	-	-	-	ND (0.00096)	ND (0.00096)	-	-	-	-	-	-	-
Nonafluoro-3,6-dioxaheptanoic acid (NFDHA)	NA	ND (0.00019)	ND (0.00019)	-	-	-	-	-	-	-	ND (0.00019)	ND (0.00019)	-	-	-	-	-	-	-
Perfluoro(2-ethoxyethane) sulphonic acid (PFEESA)	NA	ND (0.00019)	ND (0.00019)	-	-	-	-	-	-	-	ND (0.00019)	ND (0.00019)	-	-	-	-	-	-	-
Perfluoro(4-methoxybutanoic) acid (PFMBA)	NA	ND (0.00019)	ND (0.00019)	-	-	-	-	-	-	-	ND (0.00019)	ND (0.00019)	-	-	-	-	-	-	-
Perfluoro-2-propoxypropanoic acid (PFPrOPrA)(GenX) (HFPO-DA)	NA	ND (0.00019)	ND (0.00019)	-	-	-	-	-	-	-	ND (0.00019)	ND (0.00019)	-	-	-	-	-	-	-
Perfluoro-3-methoxypropanoic acid (PFMPA)	NA	ND (0.00019)	ND (0.00019)	-	-	-	-	-	-	-	ND (0.00019)	ND (0.00019)	-	-	-	-	-	-	-
Perfluorobutanesulfonic acid (PFBS)	NA	ND (0.00019)	ND (0.00019)	-	-	-	-	-	-	-	ND (0.00019)	ND (0.00019)	-	-	-	-	-	-	-
Perfluorobutanoic acid (PFBA)	NA	ND (0.00038)	ND (0.00038)	-	-	-	-	-	-	-	ND (0.00038)	ND (0.00039)	-	-	-	-	-	-	-
Perfluorodecanesulfonic acid (PFDS)	NA	ND (0.00019)	ND (0.00019)	-	-	-	-	-	-	-	ND (0.00019)	ND (0.00019)	-	-	-	-	-	-	-
Perfluorodecanoic acid (PFDA)	NA	ND (0.00019)	0.0001 J	-	-	-	-	-	-	-	ND (0.00019)	0.000058 J	-	-	-	-	-	-	-
Perfluorododecane sulfonic acid (PFDoDS)	NA	ND (0.00019)	ND (0.00019)	-	-	-	-	-	-	-	ND (0.00019)	ND (0.00019)	-	-	-	-	-	-	-
Perfluorododecanoic acid (PFDoDA)	NA	ND (0.00019)	ND (0.00019)	-	-	-	-	-	-	-	ND (0.00019)	ND (0.00019)	-	-	-	-	-	-	-
Perfluoroheptanesulfonic acid (PFHpS)	NA	ND (0.00019)	ND (0.00019)	-	-	-	-	-	-	-	ND (0.00019)	ND (0.00019)	-	-	-	-	-	-	-
Perfluoroheptanoic acid (PFHpA)	NA	ND (0.00019)	ND (0.00019)	-	-	-	-	-	-	-	ND (0.00019)	ND (0.00019)	-	-	-	-	-	-	-
Perfluorohexanesulfonic acid (PFHxS)	NA	ND (0.00019)	ND (0.00019)	-	-	-	-	-	-	-	ND (0.00019)	ND (0.00019)	-	-	-	-	-	-	-
Perfluorohexanoic acid (PFHxA)	NA	ND (0.00019)	ND (0.00019)	-	-	-	-	-	-	-	ND (0.00019)	ND (0.00019)	-	-	-	-	-	-	-
Perfluorononane sulfonic acid (PFNS)	NA	ND (0.00019)	ND (0.00019)	-	-	-	-	-	-	-	ND (0.00019)	ND (0.00019)	-	-	-	-	-	-	-
Perfluorononanoic acid (PFNA)	NA	0.00019	0.00015 J	-	-	-	-	-	-	-	ND (0.00019)	ND (0.00019)	-	-	-	-	-	-	-
Perfluorooctane sulfonamide (PFOSA)	NA	ND (0.00019)	ND (0.00019)	-	-	-	-	-	-	-	ND (0.00019)	ND (0.00019)	-	-	-	-	-	-	-
Perfluorooctanesulfonic acid (PFOS)	0.44	ND (0.00019)	ND (0.00019)	-	-	-	-	-	-	-	ND (0.00019)	ND (0.00019)	-	-	-	-	-	-	-
Perfluorooctanoic acid (PFOA)	0.5	0.000063 J	0.000067 J	-	-	-	-	-	-	-	ND (0.00019)	0.000064 J	-	-	-	-	-	-	-
Perfluoropentanesulfonic acid (PFPeS)	NA	ND (0.00019)	ND (0.00019)	-	-	-	-	-	-	-	ND (0.00019)	ND (0.00019)	-	-	-	-	-	-	-
Perfluoropentanoic acid (PFPeA)	NA	ND (0.00019)	ND (0.00019)	-	-	-	-	-	-	-	ND (0.00019)	ND (0.00019)	-	-	-	-	-	-	-
Perfluorotetradecanoic acid (PFTeDA)	NA	ND (0.00019)	ND (0.00019)	-	-	-	-	-	-	-	ND (0.00019)	ND (0.00019)	-	-	-	-	-	-	-
Perfluorotridecanoic acid (PFTrDA)	NA	0.00059	0.00119	-	-	-	-	-	-	-	0.00085	0.00065	-	-	-	-	-	-	-
Perfluoroundecanoic acid (PFUnDA)	NA	0.00028	0.00121	-	-	-	-	-	-	-	0.0003	0.00024	-	-	-	-	-	-	-
Pesticides (mg/kg)																			
4,4'-DDD	92	ND (0.0069)	ND (0.007)	-	-	-	-	-	-	-	ND (0.0069)	ND (0.007)	-	-	-	-	-	-	-
4,4'-DDE	62	ND (0.0069)	ND (0.007)	-	-	-	-	-	-	-	ND (0.0069)	ND (0.007)	-	-	-	-	-	-	-
4,4'-DDT	47	ND (0.0069)	ND (0.007)	-	-	-	-	-	-	-	ND (0.0069)	ND (0.007)	-	-	-	-	-	-	-
Aldrin	0.68	ND (0.0069)	ND (0.007)	-	-	-	-	-	-	-	ND (0.0069)	ND (0.007)	-	-	-	-	-	-	-
alpha-BHC	3.4	ND (0.0021)	ND (0.0021)	-	-	-	-	-	-	-	ND (0.0021)	ND (0.0021)	-	-	-	-	-	-	-
alpha-Chlordane (cis)	24	ND (0.0069)	ND (0.007)	-	-	-	-	-	-	-	ND (0.0069)	ND (0.007)	-	-	-	-	-	-	-
beta-BHC	3	ND (0.0021)	ND (0.0021)	-	-	-	-	-	-	-	ND (0.0021)	ND (0.0021)	-	-	-	-	-	-	-
Chlordane	NA	ND (0.069)	ND (0.07)	-	-	-	-	-	-	-	ND (0.069)	ND (0.07)	-	-	-	-	-	-	-
delta-BHC	500	ND (0.0021)	ND (0.0021)	-	-	-	-	-	-	-	ND (0.0021)	ND (0.0021)	-	-	-	-	-	-	-
Dieldrin	1.4	ND (0.0021)	ND (0.0021)	-	-	-	-	-	-	-	ND (0.0021)	ND (0.0021)	-	-	-	-	-	-	-
Endosulfan I	200	ND (0.0069)	ND (0.007)	-	-	-	-	-	-	-	ND (0.0069)	ND (0.007)	-	-	-	-	-	-	-
Endosulfan II	200	ND (0.0069)	ND (0.007)	-	-	-	-	-	-	-	ND (0.0069)	ND (0.007)	-	-	-	-	-	-	-
Endosulfan sulfate	200	ND (0.0069)	ND (0.007)	-	-	-	-	-	-	-	ND (0.0069)	ND (0.007)	-	-	-	-	-	-	-
Endrin	89	ND (0.0069)	ND (0.007)	-	-	-	-	-	-	-	ND (0.0069)	ND (0.007)	-	-	-	-	-	-	-
Endrin aldehyde	NA	ND (0.0069)	ND (0.007)	-	-	-	-	-	-	-	ND (0.0069)	ND (0.007)	-	-	-	-	-	-	-
Endrin ketone	NA	ND (0.0069)	ND (0.007)	-	-	-	-	-	-	-	ND (0.0069)	ND (0.007)	-	-	-	-	-	-	-
gamma-BHC (Lindane)	9.2	ND (0.0021)	ND (0.0021)	-	-	-	-	-	-	-	ND (0.0021)	ND (0.0021)	-	-	-	-	-	-	-
Heptachlor	15	ND (0.0069)	ND (0.007)	-	-	-	-	-	-	-	ND (0.0069)	ND (0.007)	-	-	-	-	-	-	-
Heptachlor epoxide	NA	ND (0.0069)	ND (0.007)	-	-	-	-	-	-	-	ND (0.0069)	ND (0.007)	-	-	-	-	-	-	-
Methoxychlor	NA	ND (0.0069)	ND (0.007)	-	-	-	-	-	-	-	ND (0.0069)	ND (0.007)	-	-	-	-	-	-	-
Toxaphene	NA	ND (0.069)	ND (0.07)	-	-	-	-	-	-	-	ND (0.069)	ND (0.07)	-	-	-	-	-	-	-

TABLE 2
SUMMARY OF SOIL QUALITY DATA - BERM 2
FORMER PORT MOBIL TERMINAL
STATEN ISLAND, NEW YORK
FILE NO. 0208998

	Criteria																		
Location Name	NY Part 375	2A	2A	2A1	2A1	2A1	2A2	2A2	2A3	2A3	2B_	2B_	2B1	2B1	2B1	2B2	2B2	2B3	2B3
Sample Name	Commercial	2A_0-6	2A_6-12	2A1_1-2	2A1_6-7	2A1_11-12	2A2_3-4	2A2_8-9	2A3_4-5	2A3_10-11	2B_0-6	2B_6-12	2B1_1-2	2B1_6-7	2B1_10-11	2B2_2-3	2B2_8-9	2B3_4-5	2B3_9-10
Sample Date	Use	10/03/2025	10/03/2025	10/03/2025	10/03/2025	10/03/2025	10/03/2025	10/03/2025	10/03/2025	10/03/2025	10/03/2025	10/03/2025	10/03/2025	10/03/2025	10/03/2025	10/03/2025	10/03/2025	10/03/2025	10/03/2025
Lab Sample ID	Soil Cleanup	460-336467-1	460-336467-2	460-336467-21	460-336467-24	460-336467-27	460-336467-22	460-336467-25	460-336467-23	460-336467-26	460-336467-3	460-336467-4	460-336467-28	460-336467-31	460-336467-34	460-336467-29	460-336467-32	460-336467-30	460-336467-33
Sample Depth (bgs)	Objectives	0 - 9 (ft)	6 - 12 (ft)	1 - 2 (ft)	6 - 7 (ft)	11 - 12 (ft)	3 - 4 (ft)	8 - 9 (ft)	4 - 5 (ft)	10 - 11 (ft)	0 - 6 (ft)	4 - 12 (ft)	1 - 2 (ft)	6 - 7 (ft)	10 - 11 (ft)	3 - 3 (ft)	8 - 9 (ft)	4 - 5 (ft)	9 - 10 (ft)
Polychlorinated Biphenyls (mg/kg)																			
Aroclor-1016 (PCB-1016)	NA	ND (0.069)	ND (0.07)	-	-	-	-	-	-	-	ND (0.069)	ND (0.07)	-	-	-	-	-	-	-
Aroclor-1221 (PCB-1221)	NA	ND (0.069)	ND (0.07)	-	-	-	-	-	-	-	ND (0.069)	ND (0.07)	-	-	-	-	-	-	-
Aroclor-1232 (PCB-1232)	NA	ND (0.069)	ND (0.07)	-	-	-	-	-	-	-	ND (0.069)	ND (0.07)	-	-	-	-	-	-	-
Aroclor-1242 (PCB-1242)	NA	ND (0.069)	ND (0.07)	-	-	-	-	-	-	-	ND (0.069)	ND (0.07)	-	-	-	-	-	-	-
Aroclor-1248 (PCB-1248)	NA	ND (0.069)	ND (0.07)	-	-	-	-	-	-	-	ND (0.069)	ND (0.07)	-	-	-	-	-	-	-
Aroclor-1254 (PCB-1254)	NA	ND (0.069)	ND (0.07)	-	-	-	-	-	-	-	ND (0.069)	ND (0.07)	-	-	-	-	-	-	-
Aroclor-1260 (PCB-1260)	NA	ND (0.069)	ND (0.07)	-	-	-	-	-	-	-	ND (0.069)	ND (0.07)	-	-	-	-	-	-	-
Aroclor-1262 (PCB-1262)	NA	ND (0.069)	ND (0.07)	-	-	-	-	-	-	-	ND (0.069)	ND (0.07)	-	-	-	-	-	-	-
Aroclor-1268 (PCB-1268)	NA	ND (0.069)	ND (0.07)	-	-	-	-	-	-	-	ND (0.069)	ND (0.07)	-	-	-	-	-	-	-
Total PCBs	1	ND (0.069)	ND (0.07)	-	-	-	-	-	-	-	ND (0.069)	ND (0.07)	-	-	-	-	-	-	-
Inorganic Compounds (mg/kg)																			
Aluminum	NA	4480	4030	-	-	-	-	-	-	-	6920	7430	-	-	-	-	-	-	-
Antimony	NA	0.83 J	0.78 J	-	-	-	-	-	-	-	0.42 J	0.52 J	-	-	-	-	-	-	-
Arsenic	16	8	7	-	-	-	-	-	-	-	5.6	5.7	-	-	-	-	-	-	-
Barium	400	32.7	28.5	-	-	-	-	-	-	-	39.6	41.9	-	-	-	-	-	-	-
Beryllium	590	0.39	0.57	-	-	-	-	-	-	-	0.51	0.48	-	-	-	-	-	-	-
Cadmium	9.3	0.24 J	0.33 J	-	-	-	-	-	-	-	0.26 J	0.23 J	-	-	-	-	-	-	-
Calcium	NA	2290	8600	-	-	-	-	-	-	-	2240	1690	-	-	-	-	-	-	-
Chromium	NA	10.6	10.6	-	-	-	-	-	-	-	14	14.8	-	-	-	-	-	-	-
Cobalt	NA	4.5	4.8	-	-	-	-	-	-	-	6.4	6.5	-	-	-	-	-	-	-
Copper	270	38.2	52.9	-	-	-	-	-	-	-	30	33.2	-	-	-	-	-	-	-
Iron	NA	13600	13700	-	-	-	-	-	-	-	16700	16700	-	-	-	-	-	-	-
Lead	1000	39.7	62.6	-	-	-	-	-	-	-	35.1	38.8	-	-	-	-	-	-	-
Magnesium	NA	2340	5800	-	-	-	-	-	-	-	3100	2850	-	-	-	-	-	-	-
Manganese	10000	187	184	-	-	-	-	-	-	-	228	236	-	-	-	-	-	-	-
Mercury	2.8	0.036	0.042	-	-	-	-	-	-	-	0.025	0.028	-	-	-	-	-	-	-
Nickel	310	8.9	17.2	-	-	-	-	-	-	-	14.2	12.7	-	-	-	-	-	-	-
Potassium	NA	607	562	-	-	-	-	-	-	-	1050	893	-	-	-	-	-	-	-
Selenium	1500	0.21 J	0.28 J	-	-	-	-	-	-	-	0.21 J	0.25 J	-	-	-	-	-	-	-
Silver	1500	0.22 J	0.31 J	-	-	-	-	-	-	-	0.16 J	0.16 J	-	-	-	-	-	-	-
Sodium	NA	52.5 J	58.9 J	-	-	-	-	-	-	-	74.6 J	65.9 J	-	-	-	-	-	-	-
Thallium	NA	0.059 J	0.059 J	-	-	-	-	-	-	-	0.097 J	0.092 J	-	-	-	-	-	-	-
Vanadium	NA	18.6	19	-	-	-	-	-	-	-	21.1	22.5	-	-	-	-	-	-	-
Zinc	10000	49.5	93.9	-	-	-	-	-	-	-	57.5	49	-	-	-	-	-	-	-

ABBREVIATIONS AND NOTES:

mg/kg: milligram per kilogram

**: LCS or LCSD is outside acceptance limits.*
-: Not Analyzed
B: Compound was found in the blank and the associated sample.
bgs: below ground surface
ft: feet
J: Value is estimated.
NA: Not Applicable
ND (2.5): Not detected, number in parentheses is the laboratory reporting limit

- For test methods used, see the laboratory data sheets.
- Soil analytical results are compared to the New York State Department of Environmental Conservation (NYSDEC) Title 6 of the Official Compilation of New York Codes, Rules, and Regulations (NYCRR) Part 375 Commercial Use Soil Cleanup Objectives (SCO).
- Grey shading indicates an exceedance of the Commercial Use Soil Cleanup Objectives.

TABLE 3
SUMMARY OF SOIL QUALITY DATA - BERM 3
FORMER PORT MOBIL TERMINAL
STATEN ISLAND, NEW YORK
FILE NO. 0208998

	Criteria																		
Location Name	NY Part 375	3A	3A	3A1	3A1	3A2	3A2	3A2	3A3	3A3	3B	3B	3B1	3B1	3B2	3B2	3B3	3B3	3B3
Sample Name	Commercial	3A_0-7	3A_7-14	3A1_2-3	3A1_8-9	3A2_1-2	3A2_4-5	3A2_10-11	3A3_6-7	3A3_12-13	3B_0-7	3B_7-14	3B1_1-2	3B1_6-7	3B2_2-3	3B2_8-9	3B3_4-5	3B3_10-11	3B3_11-12
Sample Date	Use	10/09/2025	10/09/2025	10/09/2025	10/09/2025	10/09/2025	10/09/2025	10/09/2025	10/09/2025	10/09/2025	10/08/2025	10/08/2025	10/08/2025	10/08/2025	10/08/2025	10/08/2025	10/08/2025	10/08/2025	10/08/2025
Lab Sample ID	Soil Cleanup	460-336881-9	460-336881-10	460-336881-17	460-336881-20	460-336881-18	460-336881-23	460-336881-21	460-336881-19	460-336881-22	460-336761-15	460-336761-16	460-336761-70	460-336761-73	460-336761-71	460-336761-74	460-336761-72	460-336761-75	460-336761-76
Sample Depth (bgs)	Objectives	0 - 7 (ft)	7 - 14 (ft)	2 - 3 (ft)	8 - 9 (ft)	1 - 2 (ft)	4 - 5 (ft)	10 - 11 (ft)	6 - 7 (ft)	12 - 13 (ft)	0 - 7 (ft)	7 - 14 (ft)	1 - 2 (ft)	6 - 7 (ft)	2 - 3 (ft)	8 - 9 (ft)	4 - 5 (ft)	10 - 11 (ft)	11 - 12 (ft)
Volatile Organic Compounds (mg/kg)																			
1,1,1-Trichloroethane	500	-	-	ND (0.0011)	ND (0.0011)	ND (0.0011)	ND (0.0011)	ND (0.0011)	ND (0.001)	ND (0.0016)	-	-	ND (0.0027)	ND (0.0011)	ND (0.0012)	ND (0.00086)	ND (0.00094)	ND (0.00097)	ND (0.0011)
1,1,2,2-Tetrachloroethane	NA	-	-	ND (0.0011)	ND (0.0011)	ND (0.0011)	ND (0.0011)	ND (0.0011)	ND (0.001)	ND (0.0016)	-	-	ND (0.0027)	ND (0.0011)	ND (0.0012)	ND (0.00086)	ND (0.00094)	ND (0.00097)	ND (0.0011)
1,1,2-Trichloroethane	NA	-	-	ND (0.0011)	ND (0.0011)	ND (0.0011)	ND (0.0011)	ND (0.0011)	ND (0.001)	ND (0.0016)	-	-	ND (0.0027)	ND (0.0011)	ND (0.0012)	ND (0.00086)	ND (0.00094)	ND (0.00097)	ND (0.0011)
1,1-Dichloroethane	240	-	-	ND (0.0011)	ND (0.0011)	ND (0.0011)	ND (0.0011)	ND (0.0011)	ND (0.001)	ND (0.0016)	-	-	ND (0.0027)	ND (0.0011)	ND (0.0012)	ND (0.00086)	ND (0.00094)	ND (0.00097)	ND (0.0011)
1,1-Dichloroethene	500	-	-	ND (0.0011)	ND (0.0011)	ND (0.0011)	ND (0.0011)	ND (0.0011)	ND (0.001)	ND (0.0016)	-	-	ND (0.0027)	ND (0.0011)	ND (0.0012)	ND (0.00086)	ND (0.00094)	ND (0.00097)	ND (0.0011)
1,2,3-Trichlorobenzene	NA	-	-	ND (0.0011)	ND (0.0011)	ND (0.0011)	ND (0.0011)	ND (0.0011)	ND (0.001)	ND (0.0016)	-	-	ND (0.0027)	ND (0.0011)	ND (0.0012)	ND (0.00086)	ND (0.00094)	ND (0.00097)	ND (0.0011)
1,2,4-Trichlorobenzene	NA	-	-	ND (0.0011)	ND (0.0011)	ND (0.0011)	ND (0.0011)	ND (0.0011)	ND (0.001)	ND (0.0016)	-	-	ND (0.0027)	ND (0.0011)	ND (0.0012)	ND (0.00086)	ND (0.00094)	ND (0.00097)	ND (0.0011)
1,2,4-Trimethylbenzene	190	-	-	ND (0.0011)	ND (0.0011)	ND (0.0011)	ND (0.0011)	ND (0.0011)	ND (0.001)	ND (0.0016)	-	-	ND (0.0027)	ND (0.0011)	ND (0.0012)	ND (0.00086)	ND (0.00094)	ND (0.00097)	ND (0.0011)
1,2-Dibromo-3-chloropropane (DBCP)	NA	-	-	ND (0.0011)	ND (0.0011)	ND (0.0011)	ND (0.0011)	ND (0.0011)	ND (0.001)	ND (0.0016)	-	-	ND (0.0027)	ND (0.0011)	ND (0.0012)	ND (0.00086)	ND (0.00094)	ND (0.00097)	ND (0.0011)
1,2-Dibromoethane (Ethylene Dibromide)	NA	-	-	ND (0.0011)	ND (0.0011)	ND (0.0011)	ND (0.0011)	ND (0.0011)	ND (0.001)	ND (0.0016)	-	-	ND (0.0027)	ND (0.0011)	ND (0.0012)	ND (0.00086)	ND (0.00094)	ND (0.00097)	ND (0.0011)
1,2-Dichlorobenzene	500	-	-	ND (0.0011)	ND (0.0011)	ND (0.0011)	ND (0.0011)	ND (0.0011)	ND (0.001)	ND (0.0016)	-	-	ND (0.0027)	ND (0.0011)	ND (0.0012)	ND (0.00086)	ND (0.00094)	ND (0.00097)	ND (0.0011)
1,2-Dichloroethane	30	-	-	ND (0.0011)	ND (0.0011)	ND (0.0011)	ND (0.0011)	ND (0.0011)	ND (0.001)	ND (0.0016)	-	-	ND (0.0027)	ND (0.0011)	ND (0.0012)	ND (0.00086)	ND (0.00094)	ND (0.00097)	ND (0.0011)
1,2-Dichloropropane	NA	-	-	ND (0.0011)	ND (0.0011)	ND (0.0011)	ND (0.0011)	ND (0.0011)	ND (0.001)	ND (0.0016)	-	-	ND (0.0027)	ND (0.0011)	ND (0.0012)	ND (0.00086)	ND (0.00094)	ND (0.00097)	ND (0.0011)
1,3,5-Trimethylbenzene	190	-	-	ND (0.0011)	ND (0.0011)	ND (0.0011)	ND (0.0011)	ND (0.0011)	ND (0.001)	ND (0.0016)	-	-	ND (0.0027)	ND (0.0011)	ND (0.0012)	ND (0.00086)	ND (0.00094)	ND (0.00097)	ND (0.0011)
1,3-Dichlorobenzene	280	-	-	ND (0.0011)	ND (0.0011)	ND (0.0011)	ND (0.0011)	ND (0.0011)	ND (0.001)	ND (0.0016)	-	-	ND (0.0027)	ND (0.0011)	ND (0.0012)	ND (0.00086)	ND (0.00094)	ND (0.00097)	ND (0.0011)
1,4-Dichlorobenzene	130	-	-	ND (0.0011)	ND (0.0011)	ND (0.0011)	ND (0.0011)	ND (0.0011)	ND (0.001)	ND (0.0016)	-	-	ND (0.0027)	ND (0.0011)	ND (0.0012)	ND (0.00086)	ND (0.00094)	ND (0.00097)	ND (0.0011)
2-Butanone (Methyl Ethyl Ketone)	500	-	-	ND (0.0055)	ND (0.0057)	ND (0.0055)	ND (0.0056)	ND (0.0053)	ND (0.0052)	ND (0.0078)	-	-	ND (0.013)	ND (0.0055)	ND (0.0059)	ND (0.0043)	ND (0.0047)	ND (0.0049)	ND (0.0054)
2-Hexanone (Methyl Butyl Ketone)	NA	-	-	ND (0.0055)	ND (0.0057)	ND (0.0055)	ND (0.0056)	ND (0.0053)	ND (0.0052)	ND (0.0078)	-	-	ND (0.013)	ND (0.0055)	ND (0.0059)	ND (0.0043)	ND (0.0047)	ND (0.0049)	ND (0.0054) *
2-Phenylbutane (sec-Butylbenzene)	500	-	-	ND (0.0011)	ND (0.0011)	ND (0.0011)	ND (0.0011)	ND (0.0011)	ND (0.001)	ND (0.0016)	-	-	ND (0.0027)	ND (0.0011)	ND (0.0012)	ND (0.00086)	ND (0.00094)	ND (0.00097)	ND (0.0011)
4-Methyl-2-Pentanone (Methyl Isobutyl Ketone)	NA	-	-	ND (0.0055)	ND (0.0057)	ND (0.0055)	ND (0.0056)	ND (0.0053)	ND (0.0052)	ND (0.0078)	-	-	ND (0.013)	ND (0.0055)	ND (0.0059)	ND (0.0043)	ND (0.0047)	ND (0.0049)	ND (0.0054) *
Acetone	500	-	-	0.15	0.13	ND (0.0066)	ND (0.0068)	ND (0.0063)	0.0089	0.2	-	-	0.058	ND (0.0066)	ND (0.0071)	ND (0.0052)	ND (0.0057)	ND (0.0058)	ND (0.0064)
Benzene	44	-	-	ND (0.0011)	ND (0.0011)	ND (0.0011)	ND (0.0011)	ND (0.0011)	ND (0.001)	ND (0.0016)	-	-	ND (0.0027)	ND (0.0011)	ND (0.0012)	ND (0.00086)	ND (0.00094)	ND (0.00097)	ND (0.0011)
Bromodichloromethane	NA	-	-	ND (0.0011)	ND (0.0011)	ND (0.0011)	ND (0.0011)	ND (0.0011)	ND (0.001)	ND (0.0016)	-	-	ND (0.0027)	ND (0.0011)	ND (0.0012)	ND (0.00086)	ND (0.00094)	ND (0.00097)	ND (0.0011)
Bromoform	NA	-	-	ND (0.0011)	ND (0.0011)	ND (0.0011)	ND (0.0011)	ND (0.0011)	ND (0.001)	ND (0.0016)	-	-	ND (0.0027)	ND (0.0011)	ND (0.0012)	ND (0.00086)	ND (0.00094)	ND (0.00097)	ND (0.0011)
Bromomethane (Methyl Bromide)	NA	-	-	ND (0.0022)	ND (0.0023)	ND (0.0022)	ND (0.0023)	ND (0.0021)	ND (0.0021)	ND (0.0031)	-	-	ND (0.0054)	ND (0.0022)	ND (0.0024)	ND (0.0017)	ND (0.0019)	ND (0.0019)	ND (0.0021)
Carbon disulfide	NA	-	-	ND (0.0011)	ND (0.0011)	ND (0.0011)	ND (0.0011)	ND (0.0011)	ND (0.001)	ND (0.0016)	-	-	ND (0.0027)	ND (0.0011)	ND (0.0012)	ND (0.00086)	ND (0.00094)	ND (0.00097)	ND (0.0011)
Carbon tetrachloride	22	-	-	ND (0.0011)	ND (0.0011)	ND (0.0011)	ND (0.0011)	ND (0.0011)	ND (0.001)	ND (0.0016)	-	-	ND (0.0027)	ND (0.0011)	ND (0.0012)	ND (0.00086)	ND (0.00094)	ND (0.00097)	ND (0.0011)
Chlorobenzene	500	-	-	ND (0.0011)	ND (0.0011)	ND (0.0011)	ND (0.0011)	ND (0.0011)	ND (0.001)	ND (0.0016)	-	-	ND (0.0027)	ND (0.0011)	ND (0.0012)	ND (0.00086)	ND (0.00094)	ND (0.00097)	ND (0.0011)
Chlorobromomethane	NA	-	-	ND (0.0011)	ND (0.0011)	ND (0.0011)	ND (0.0011)	ND (0.0011)	ND (0.001)	ND (0.0016)	-	-	ND (0.0027)	ND (0.0011)	ND (0.0012)	ND (0.00086)	ND (0.00094)	ND (0.00097)	ND (0.0011)
Chloroethane	NA	-	-	ND (0.0011)	ND (0.0011)	ND (0.0011)	ND (0.0011)	ND (0.0011)	ND (0.001)	ND (0.0016)	-	-	ND (0.0027)	ND (0.0011)	ND (0.0012)	ND (0.00086)	ND (0.00094)	ND (0.00097)	ND (0.0011)
Chloroform (Trichloromethane)	350	-	-	ND (0.0011)	ND (0.0011)	ND (0.0011)	ND (0.0011)	ND (0.0011)	ND (0.001)	ND (0.0016)	-	-	ND (0.0027)	ND (0.0011)	ND (0.0012)	ND (0.00086)	ND (0.00094)	ND (0.00097)	ND (0.0011)
Chloromethane (Methyl Chloride)	NA	-	-	ND (0.0011)	ND (0.0011)	ND (0.0011)	ND (0.0011)	ND (0.0011)	ND (0.001)	ND (0.0016)	-	-	ND (0.0027)	ND (0.0011)	ND (0.0012)	ND (0.00086)	ND (0.00094)	ND (0.00097)	ND (0.0011)
cis-1,2-Dichloroethene	500	-	-	ND (0.0011)	ND (0.0011)	ND (0.0011)	ND (0.0011)	ND (0.0011)	ND (0.001)	ND (0.0016)	-	-	ND (0.0027)	ND (0.0011)	ND (0.0012)	ND (0.00086)	ND (0.00094)	ND (0.00097)	ND (0.0011)
cis-1,3-Dichloropropene	NA	-	-	ND (0.0011)	ND (0.0011)	ND (0.0011)	ND (0.0011)	ND (0.0011)	ND (0.001)	ND (0.0016)	-	-	ND (0.0027)	ND (0.0011)	ND (0.0012)	ND (0.00086)	ND (0.00094)	ND (0.00097)	ND (0.0011)
Cyclohexane	NA	-	-	ND (0.0011)	ND (0.0011)	ND (0.0011)	ND (0.0011)	ND (0.0011)	ND (0.001)	ND (0.0016)	-	-	ND (0.0027)	ND (0.0011)	ND (0.0012)	ND (0.00086)	ND (0.00094)	ND (0.00097)	ND (0.0011)
Dibromochloromethane	NA	-	-	ND (0.0011)	ND (0.0011)	ND (0.0011)	ND (0.0011)	ND (0.0011)	ND (0.001)	ND (0.0016)	-	-	ND (0.0027)	ND (0.0011)	ND (0.0012)	ND (0.00086)	ND (0.00094)	ND (0.00097)	ND (0.0011)
Dichlorodifluoromethane (CFC-12)	NA	-	-	ND (0.0011)	ND (0.0011)	ND (0.0011)	ND (0.0011)	ND (0.0011)	ND (0.001)	ND (0.0016)	-	-	ND (0.0027) *	ND (0.0011)	ND (0.0012)	ND (0.00086)	ND (0.00094)	ND (0.00097)	ND (0.0011)
Ethylbenzene	390	-	-	ND (0.0011)	ND (0.0011)	ND (0.0011)	ND (0.0011)	ND (0.0011)	ND (0.001)	ND (0.0016)	-	-	ND (0.0027)	ND (0.0011)	ND (0.0012)	ND (0.00086)	ND (0.00094)	ND (0.00097)	ND (0.0011)
Isopropylbenzene (Cumene)	NA	-	-	ND (0.0011)	ND (0.0011)	ND (0.0011)	ND (0.0011)	ND (0.0011)	ND (0.001)	ND (0.0016)	-	-	ND (0.0027)	ND (0.0011)	ND (0.0012)	ND (0.00086)	ND (0.00094)	ND (0.00097)	ND (0.0011)
m,p-Xylenes	NA	-	-	ND (0.0011)	ND (0.0011)	ND (0.0011)	ND (0.0011)	ND (0.0011)	ND (0.001)	ND (0.0016)	-	-	ND (0.0027)	ND (0.0011)	ND (0.0012)	ND (0.00086)	ND (0.00094)	ND (0.00097)	ND (0.0011)
Methyl acetate	NA	-	-	ND (0.0055)	ND (0.0057)	ND (0.0055)	ND (0.0056)	ND (0.0053)	ND (0.0052)	ND (0.0078)	-	-	ND (0.013)	ND (0.0055)	ND (0.0059)	ND (0.0043)	ND (0.0047)	ND (0.0049)	ND (0.0054)
Methyl Tert Butyl Ether (MTBE)	500	-	-	ND (0.0011)	ND (0.0011)	ND (0.0011)	ND (0.0011)	ND (0.0011)	ND (0.001)	ND (0.0016)	-	-	ND (0.0027)	ND (0.0011)	ND (0.0012)	ND (0.00086)	ND (0.00094)	ND (0.00097)	ND (0.0011)
Methylcyclohexane	NA	-	-	ND (0.0011)	ND (0.0011)	ND (0.0011)	ND (0.0011)	ND (0.0011)	ND (0.001)	ND (0.0016)	-	-	ND (0.0027)	ND (0.0011)	ND (0.0012)	ND (0.00086)	ND (0.00094)	ND (0.00097)	ND (0.0011)
Methylene chloride (Dichloromethane)	500	-	-	ND (0.0022)	ND (0.0023)	ND (0.0022)	ND (0.0023)	ND (0.0021)	ND (0.0021)	ND (0.0031)	-	-	ND (0.0054)	ND (0.0022)	ND (0.0024)	ND (0.0017)	ND (0.0019)	ND (0.0019)	ND (0.0021)
n-Butylbenzene	500	-	-	ND (0.0011)	ND (0.0011)	ND (0.0011)	ND (0.0011)	ND (0.0011)	ND (0.001)	ND (0.0016)	-	-	ND (0.0027)	ND (0.0011)	ND (0.0012)	ND (0.00086)	ND (0.00094)	ND (0.00097)	ND (0.0011)
n-Propylbenzene	500	-	-	ND (0.0011)	ND (0.0011)	ND (0.0011)	ND (0.0011)	ND (0.0011)	ND (0.001)	ND (0.0016)	-	-	ND (0.0027)	ND (0.0011)	ND (0.0012)	ND (0.00086)	ND (0.00094)	ND (0.00097)	ND (0.0011)
o-Xylene	NA	-	-	ND (0.0011)	ND (0.0011)	ND (0.0011)	ND (0.0011)	ND (0.0011)	ND (0.001)	ND (0.0016)	-	-	ND (0.0027)	ND (0.0011)	ND (0.0012)	ND (0.00086)	ND (0.00094)	ND (0.00097)	ND (0.0011)
Styrene	NA	-	-	ND (0.0011)	ND (0.0011)	ND (0.0011)	ND (0.0011)	ND (0.0011)	ND (0.001)	ND (0.0016)	-	-	ND (0.0027)	ND (0.0011)	ND (0.0012)	ND (0.00086)	ND (0.00094)	ND (0.00097)	ND (0.0011)
tert-Butylbenzene	500	-	-	ND (0.0011)	ND (0.0011)	ND (0.0011)	ND (0.0011)	ND (0.0011)	ND (0.001)	ND (0.0016)	-	-	ND (0.0027)	ND (0.0011)	ND (0.0012)	ND (0.00086)	ND (0.00094)	ND (0.00097)	ND (0.0011)
Tetrachloroethene	150	-	-	ND (0.0011)	ND (0.0011)	ND (0.0011)	ND (0.0011)	ND (0.0011)	ND (0.001)	ND (0.0016)	-	-	ND (0.0027)	ND (0.0011)	ND (0.0012)	ND (0.00086)	ND (0.00094)	ND (0.00097)	ND (0.0011)
Toluene	500	-	-	ND (0.0011)	ND (0.0011)	ND (0.0011)	ND (0.0011)	ND (0.0011)	ND (0.001)	ND (0.0016)	-	-	ND (0.0027)	ND (0.0011)	0.00071 J	ND (0.00086)	ND (0.00094)	0.0004 J	ND (0.0011)
trans-1,2-Dichloroethene	500	-	-	ND (0.0011)	ND (0.0011)	ND (0.0011)	ND (0.0011)	ND (0.0011)	ND (0.001)	ND (0.0016)	-	-	ND (0.0027)	ND (0.0011)	ND (0.0012)	ND (0.00086)	ND (0.00094)	ND (0.00097)	ND (0.0011)
trans-1,3-Dichloropropene	NA	-	-	ND (0.0011)	ND (0.0011)	ND (0.0011)	ND (0.0011)	ND (0.0011)	ND (0.001)	ND (0.0016)	-	-	ND (0.0027)	ND (0.0011)	ND (0.0012)	ND (0.00086)	ND (0.00094)	ND (0.00097)	ND (0.0011)
Trichloroethene	200	-	-	ND (0.0011)	ND (0.0011)	ND (0.0011)	ND (0.0011)	ND (0.0011)	ND (0.001)	ND (0.0016)	-	-	ND (0.0027)	ND (0.0011)	ND (0.0012)	ND (0.00086)	ND (0.00094)	ND (0.00097)	ND (0.0011)
Trichlorofluoromethane (CFC-11)	NA	-	-	ND (0.0011)	ND (0.0011)	ND (0.0011)	ND (0.0011)	ND (0.0011)	ND (0.001)	ND (0.0016)	-	-	ND (0.0027)	ND (0.0011)	ND (0.0012)	ND (0.00086)	ND (0.00094)	ND (0.00097)	ND (0.0011)
Trifluorotrichloroethane (Freon 113)	NA	-	-	ND (0.0011)	ND (0.0011)	ND (0.0011)	ND (0.0011)	ND (0.0011)	ND (0.001)	ND (0.0016)	-	-	ND (0.0027)	ND (0.0011)	ND (0.0012)	ND (0.00086)	ND (0.00094)	ND (0.00097)	ND (0.0011)
Vinyl chloride	13	-	-	ND (0.0011)	ND (0.0011)	ND (0.0011)	ND (0.0011)	ND (0.0011)	ND (0.001)	ND (0.0016)	-	-	ND (0.0027)	ND (0.0011)	ND (0.0012)	ND (0.00086)	ND (0.00094)	ND (0.00097)	ND (0.0011)
Xylene (Total)	500	-	-	ND (0.0022)	ND (0.0023)	ND (0.0022)	ND (0.0023)	ND (0.0021)	ND (0.0021)	ND (0.0031)	-	-	ND (0.0054)	ND (0.0022)	ND (0.0024)	ND (0.0017)	ND (0.0019)	ND (0.0019)	ND (0.0021)

TABLE 3
SUMMARY OF SOIL QUALITY DATA - BERM 3
FORMER PORT MOBIL TERMINAL
STATEN ISLAND, NEW YORK
FILE NO. 0208998

	Criteria																		
Location Name	NY Part 375	3A	3A	3A1	3A1	3A2	3A2	3A2	3A3	3A3	3B	3B	3B1	3B1	3B2	3B2	3B3	3B3	3B3
Sample Name	Commercial	3A_0-7	3A_7-14	3A1_2-3	3A1_8-9	3A2_1-2	3A2_4-5	3A2_10-11	3A3_6-7	3A3_12-13	3B_0-7	3B_7-14	3B1_1-2	3B1_6-7	3B2_2-3	3B2_8-9	3B3_4-5	3B3_10-11	3B3_11-12
Sample Date	Use	10/09/2025	10/09/2025	10/09/2025	10/09/2025	10/09/2025	10/09/2025	10/09/2025	10/09/2025	10/09/2025	10/08/2025	10/08/2025	10/08/2025	10/08/2025	10/08/2025	10/08/2025	10/08/2025	10/08/2025	10/08/2025
Lab Sample ID	Soil Cleanup	460-336881-9	460-336881-10	460-336881-17	460-336881-20	460-336881-18	460-336881-23	460-336881-21	460-336881-19	460-336881-22	460-336761-15	460-336761-16	460-336761-70	460-336761-73	460-336761-71	460-336761-74	460-336761-72	460-336761-75	460-336761-76
Sample Depth (bgs)	Objectives	0 - 7 (ft)	7 - 14 (ft)	2 - 3 (ft)	8 - 9 (ft)	1 - 2 (ft)	4 - 5 (ft)	10 - 11 (ft)	6 - 7 (ft)	12 - 13 (ft)	0 - 7 (ft)	7 - 14 (ft)	1 - 2 (ft)	6 - 7 (ft)	2 - 3 (ft)	8 - 9 (ft)	4 - 5 (ft)	10 - 11 (ft)	11 - 12 (ft)
Semi-Volatile Organic Compounds (mg/kg)																			
1,2,4,5-Tetrachlorobenzene	NA	ND (0.35)	ND (0.34)	-	-	-	-	-	-	-	ND (0.36)	ND (0.37)	-	-	-	-	-	-	-
1,4-Dioxane	130	ND (0.035)	ND (0.034)	-	-	-	-	-	-	-	ND (0.036)	ND (0.037)	-	-	-	-	-	-	-
2,2'-oxybis(1-Chloropropane)	NA	ND (0.35)	ND (0.34)	-	-	-	-	-	-	-	ND (0.36)	ND (0.37)	-	-	-	-	-	-	-
2,3,4,6-Tetrachlorophenol	NA	ND (0.35)	ND (0.34)	-	-	-	-	-	-	-	ND (0.36)	ND (0.37)	-	-	-	-	-	-	-
2,4,5-Trichlorophenol	NA	ND (0.35)	ND (0.34)	-	-	-	-	-	-	-	ND (0.36)	ND (0.37)	-	-	-	-	-	-	-
2,4,6-Trichlorophenol	NA	ND (0.14)	ND (0.14)	-	-	-	-	-	-	-	ND (0.15)	ND (0.15)	-	-	-	-	-	-	-
2,4-Dichlorophenol	NA	ND (0.14)	ND (0.14)	-	-	-	-	-	-	-	ND (0.15)	ND (0.15)	-	-	-	-	-	-	-
2,4-Dimethylphenol	NA	ND (0.35)	ND (0.34)	-	-	-	-	-	-	-	ND (0.36)	ND (0.37)	-	-	-	-	-	-	-
2,4-Dinitrophenol	NA	ND (0.28)	ND (0.28)	-	-	-	-	-	-	-	ND (0.29)	ND (0.3)	-	-	-	-	-	-	-
2,4-Dinitrotoluene	NA	ND (0.07)	ND (0.07)	-	-	-	-	-	-	-	ND (0.074)	ND (0.075)	-	-	-	-	-	-	-
2,6-Dinitrotoluene	NA	ND (0.07)	ND (0.07)	-	-	-	-	-	-	-	ND (0.074)	ND (0.075)	-	-	-	-	-	-	-
2-Chloronaphthalene	NA	ND (0.35)	ND (0.34)	-	-	-	-	-	-	-	ND (0.36)	ND (0.37)	-	-	-	-	-	-	-
2-Chlorophenol	NA	ND (0.35)	ND (0.34)	-	-	-	-	-	-	-	ND (0.36)	ND (0.37)	-	-	-	-	-	-	-
2-Methylnaphthalene	NA	ND (0.35)	ND (0.34)	-	-	-	-	-	-	-	0.011 J	ND (0.37)	-	-	-	-	-	-	-
2-Methylphenol (o-Cresol)	500	ND (0.35)	ND (0.34)	-	-	-	-	-	-	-	ND (0.36)	ND (0.37)	-	-	-	-	-	-	-
2-Nitroaniline	NA	ND (0.35)	ND (0.34)	-	-	-	-	-	-	-	ND (0.36)	ND (0.37)	-	-	-	-	-	-	-
2-Nitrophenol	NA	ND (0.35)	ND (0.34)	-	-	-	-	-	-	-	ND (0.36)	ND (0.37)	-	-	-	-	-	-	-
3&4-Methylphenol	NA	ND (0.35)	ND (0.34)	-	-	-	-	-	-	-	ND (0.36)	ND (0.37)	-	-	-	-	-	-	-
3,3'-Dichlorobenzidine	NA	ND (0.14)	ND (0.14)	-	-	-	-	-	-	-	ND (0.15)	ND (0.15)	-	-	-	-	-	-	-
3-Nitroaniline	NA	ND (0.35)	ND (0.34)	-	-	-	-	-	-	-	ND (0.36)	ND (0.37)	-	-	-	-	-	-	-
4,6-Dinitro-2-methylphenol	NA	ND (0.28)	ND (0.28)	-	-	-	-	-	-	-	ND (0.29)	ND (0.3)	-	-	-	-	-	-	-
4-Bromophenyl phenyl ether (BDE-3)	NA	ND (0.35)	ND (0.34)	-	-	-	-	-	-	-	ND (0.36)	ND (0.37)	-	-	-	-	-	-	-
4-Chloro-3-methylphenol	NA	ND (0.35)	ND (0.34)	-	-	-	-	-	-	-	ND (0.36)	ND (0.37)	-	-	-	-	-	-	-
4-Chloroaniline	NA	ND (0.35)	ND (0.34)	-	-	-	-	-	-	-	ND (0.36)	ND (0.37)	-	-	-	-	-	-	-
4-Chlorophenyl phenyl ether	NA	ND (0.35)	ND (0.34)	-	-	-	-	-	-	-	ND (0.36)	ND (0.37)	-	-	-	-	-	-	-
4-Methylphenol	500	ND (0.35)	ND (0.34)	-	-	-	-	-	-	-	ND (0.36)	ND (0.37)	-	-	-	-	-	-	-
4-Nitroaniline	NA	ND (0.35)	ND (0.34)	-	-	-	-	-	-	-	ND (0.36)	ND (0.37)	-	-	-	-	-	-	-
4-Nitrophenol	NA	ND (0.7)	ND (0.7)	-	-	-	-	-	-	-	ND (0.74)	ND (0.75)	-	-	-	-	-	-	-
Acenaphthene	500	ND (0.35)	ND (0.34)	-	-	-	-	-	-	-	ND (0.36)	ND (0.37)	-	-	-	-	-	-	-
Acenaphthylene	500	ND (0.35)	ND (0.34)	-	-	-	-	-	-	-	0.016 J	ND (0.37)	-	-	-	-	-	-	-
Acetophenone	NA	ND (0.35)	ND (0.34)	-	-	-	-	-	-	-	ND (0.36)	ND (0.37)	-	-	-	-	-	-	-
Anthracene	500	ND (0.35)	ND (0.34)	-	-	-	-	-	-	-	0.03 J	ND (0.37)	-	-	-	-	-	-	-
Atrazine	NA	ND (0.14) *	ND (0.14) *	-	-	-	-	-	-	-	ND (0.15)	ND (0.15)	-	-	-	-	-	-	-
Benzaldehyde	NA	ND (0.35)	ND (0.34)	-	-	-	-	-	-	-	ND (0.36)	ND (0.37)	-	-	-	-	-	-	-
Benzo(a)anthracene	5.6	ND (0.035)	ND (0.034)	-	-	-	-	-	-	-	ND (0.036)	ND (0.037)	-	-	-	-	-	-	-
Benzo(a)pyrene	1	ND (0.035)	ND (0.034)	-	-	-	-	-	-	-	0.015 J	ND (0.037)	-	-	-	-	-	-	-
Benzo(b)fluoranthene	5.6	ND (0.035)	ND (0.034)	-	-	-	-	-	-	-	0.02 J	ND (0.037)	-	-	-	-	-	-	-
Benzo(g,h,i)perylene	500	ND (0.35)	0.028 J	-	-	-	-	-	-	-	0.017 J	ND (0.37)	-	-	-	-	-	-	-
Benzo(k)fluoranthene	56	ND (0.035)	ND (0.034)	-	-	-	-	-	-	-	0.0083 J	ND (0.037)	-	-	-	-	-	-	-
Biphenyl	NA	ND (0.35)	ND (0.34)	-	-	-	-	-	-	-	ND (0.36)	ND (0.37)	-	-	-	-	-	-	-
bis(2-Chloroethoxy)methane	NA	ND (0.35)	ND (0.34)	-	-	-	-	-	-	-	ND (0.36)	ND (0.37)	-	-	-	-	-	-	-
bis(2-Chloroethyl)ether	NA	ND (0.035)	ND (0.034)	-	-	-	-	-	-	-	ND (0.036)	ND (0.037)	-	-	-	-	-	-	-
bis(2-Ethylhexyl)phthalate	NA	ND (0.35)	ND (0.34)	-	-	-	-	-	-	-	ND (0.36)	ND (0.37)	-	-	-	-	-	-	-
Butyl benzylphthalate (BBP)	NA	ND (0.35)	ND (0.34)	-	-	-	-	-	-	-	ND (0.36)	ND (0.37)	-	-	-	-	-	-	-
Caprolactam	NA	ND (0.35) *	ND (0.34) *	-	-	-	-	-	-	-	ND (0.36)	ND (0.37)	-	-	-	-	-	-	-
Carbazole	NA	ND (0.35)	ND (0.34)	-	-	-	-	-	-	-	ND (0.36)	ND (0.37)	-	-	-	-	-	-	-
Chrysene	56	ND (0.35)	ND (0.34)	-	-	-	-	-	-	-	0.015 J	ND (0.37)	-	-	-	-	-	-	-
Dibenz(a,h)anthracene	0.56	ND (0.035)	ND (0.034)	-	-	-	-	-	-	-	ND (0.036)	ND (0.037)	-	-	-	-	-	-	-
Dibenzofuran	350	ND (0.35)	ND (0.34)	-	-	-	-	-	-	-	ND (0.36)	ND (0.37)	-	-	-	-	-	-	-
Diethyl phthalate	NA	ND (0.35)	ND (0.34)	-	-	-	-	-	-	-	ND (0.36)	ND (0.37)	-	-	-	-	-	-	-
Dimethyl phthalate	NA	ND (0.35)	ND (0.34)	-	-	-	-	-	-	-	ND (0.36)	ND (0.37)	-	-	-	-	-	-	-
Di-n-butylphthalate (DBP)	NA	ND (0.35)	ND (0.34)	-	-	-	-	-	-	-	ND (0.36)	ND (0.37)	-	-	-	-	-	-	-
Di-n-octyl phthalate (DnOP)	NA	ND (0.35)	ND (0.34)	-	-	-	-	-	-	-	ND (0.36)	ND (0.37)	-	-	-	-	-	-	-
Fluoranthene	500	ND (0.35)	ND (0.34)	-	-	-	-	-	-	-	0.021 J	ND (0.37)	-	-	-	-	-	-	-
Fluorene	500	ND (0.35)	ND (0.34)	-	-	-	-	-	-	-	ND (0.36)	ND (0.37)	-	-	-	-	-	-	-
Hexachlorobenzene	6	ND (0.035)	ND (0.034)	-	-	-	-	-	-	-	ND (0.036)	ND (0.037)	-	-	-	-	-	-	-
Hexachlorobutadiene	NA	ND (0.07)	ND (0.07)	-	-	-	-	-	-	-	ND (0.074)	ND (0.075)	-	-	-	-	-	-	-
Hexachlorocyclopentadiene	NA	ND (0.35)	ND (0.34)	-	-	-	-	-	-	-	ND (0.36)	ND (0.37)	-	-	-	-	-	-	-
Hexachloroethane	NA	ND (0.035)	ND (0.034)	-	-	-	-	-	-	-	ND (0.036)	ND (0.037)	-	-	-	-	-	-	-
Indeno(1,2,3-cd)pyrene	5.6	ND (0.035)	ND (0.034)	-	-	-	-	-	-	-	0.015 J	ND (0.037)	-	-	-	-	-	-	-
Isophorone	NA	ND (0.14)	ND (0.14)	-	-	-	-	-	-	-	ND (0.15)	ND (0.15)	-	-	-	-	-	-	-
Naphthalene	500	ND (0.35)	ND (0.34)	-	-	-	-	-	-	-	ND (0.36)	ND (0.37)	-	-	-	-	-	-	-
Nitrobenzene	NA	ND (0.035)	ND (0.034)	-	-	-	-	-	-	-	ND (0.036)	ND (0.037)	-	-	-	-	-	-	-
N-Nitrosodi-n-propylamine	NA	ND (0.035)	ND (0.034)	-	-	-	-	-	-	-	ND (0.036)	ND (0.037)	-	-	-	-	-	-	-
N-Nitrosodiphenylamine	NA	ND (0.35)	ND (0.34)	-	-	-	-	-	-	-	ND (0.36)	ND (0.37)	-	-	-	-	-	-	-
Pentachlorophenol	6.7	ND (0.28)	ND (0.28)	-	-	-	-	-	-	-	ND (0.29)	ND (0.3)	-	-	-	-	-	-	-
Phenanthrene	500	ND (0.35)	ND (0.34)	-	-	-	-	-	-	-	0.024 J	ND (0.37)	-	-	-	-	-	-	-
Phenol	500	ND (0.35)	ND (0.34)	-	-	-	-	-	-	-	ND (0.36)	ND (0.37)	-	-	-	-	-	-	-
Pyrene	500	ND (0.35)	ND (0.34)	-	-	-	-	-	-	-	0.027 J	ND (0.37)	-	-	-	-	-	-	-

TABLE 3
SUMMARY OF SOIL QUALITY DATA - BERM 3
FORMER PORT MOBIL TERMINAL
STATEN ISLAND, NEW YORK
FILE NO. 0208998

	Criteria																		
Location Name	NY Part 375	3A	3A	3A1	3A1	3A2	3A2	3A2	3A3	3A3	3B	3B	3B1	3B1	3B2	3B2	3B3	3B3	3B3
Sample Name	Commercial	3A_0-7	3A_7-14	3A1_2-3	3A1_8-9	3A2_1-2	3A2_4-5	3A2_10-11	3A3_6-7	3A3_12-13	3B_0-7	3B_7-14	3B1_1-2	3B1_6-7	3B2_2-3	3B2_8-9	3B3_4-5	3B3_10-11	3B3_11-12
Sample Date	Use	10/09/2025	10/09/2025	10/09/2025	10/09/2025	10/09/2025	10/09/2025	10/09/2025	10/09/2025	10/09/2025	10/08/2025	10/08/2025	10/08/2025	10/08/2025	10/08/2025	10/08/2025	10/08/2025	10/08/2025	10/08/2025
Lab Sample ID	Soil Cleanup	460-336881-9	460-336881-10	460-336881-17	460-336881-20	460-336881-18	460-336881-23	460-336881-21	460-336881-19	460-336881-22	460-336761-15	460-336761-16	460-336761-70	460-336761-73	460-336761-71	460-336761-74	460-336761-72	460-336761-75	460-336761-76
Sample Depth (bgs)	Objectives	0 - 7 (ft)	7 - 14 (ft)	2 - 3 (ft)	8 - 9 (ft)	1 - 2 (ft)	4 - 5 (ft)	10 - 11 (ft)	6 - 7 (ft)	12 - 13 (ft)	0 - 7 (ft)	7 - 14 (ft)	1 - 2 (ft)	6 - 7 (ft)	2 - 3 (ft)	8 - 9 (ft)	4 - 5 (ft)	10 - 11 (ft)	11 - 12 (ft)
PFAS (mg/kg)																			
11-Chloroeicosafluoro-3-Oxaundecane-1-Sulfonic Acid (11Cl-PF3OUdS)	NA	ND (0.0002)	ND (0.00019)	-	-	-	-	-	-	-	ND (0.0002)	ND (0.0002)	-	-	-	-	-	-	-
2H,2H,3H,3H-Perfluorooctanoic acid (5:3 FTCA)	NA	ND (0.00099)	ND (0.00096)	-	-	-	-	-	-	-	ND (0.00099)	ND (0.00099)	-	-	-	-	-	-	-
3-(Perfluoroheptyl)propanoic acid (7:3 FTCA)	NA	ND (0.00099)	ND (0.00096)	-	-	-	-	-	-	-	ND (0.00099)	ND (0.00099)	-	-	-	-	-	-	-
3:3 Fluorotelomer carboxylic acid (3:3 FTCA)	NA	ND (0.00039)	ND (0.00038)	-	-	-	-	-	-	-	ND (0.0004)	ND (0.0004)	-	-	-	-	-	-	-
4,8-Dioxa-3H-Perfluorononanoic Acid (ADONA)	NA	ND (0.0002)	ND (0.00019)	-	-	-	-	-	-	-	ND (0.0002)	ND (0.0002)	-	-	-	-	-	-	-
4:2 Fluorotelomer sulfonic acid (4:2 FTS)	NA	ND (0.00039)	ND (0.00038)	-	-	-	-	-	-	-	ND (0.0004)	ND (0.0004)	-	-	-	-	-	-	-
6:2 Fluorotelomer sulfonic acid (6:2 FTS)	NA	ND (0.00039)	ND (0.00038)	-	-	-	-	-	-	-	ND (0.0004)	ND (0.0004)	-	-	-	-	-	-	-
8:2 Fluorotelomer sulfonic acid (8:2 FTS)	NA	0.00022 J	0.00031 J	-	-	-	-	-	-	-	0.00091	0.00105	-	-	-	-	-	-	-
9-Chlorohexadecafluoro-3-Oxanone-1-Sulfonic Acid (9Cl-PF3ONS)	NA	ND (0.0002)	ND (0.00019)	-	-	-	-	-	-	-	ND (0.0002)	ND (0.0002)	-	-	-	-	-	-	-
N-Ethyl Perfluorooctanesulfonamidoacetic Acid (NEtFOSAA)	NA	ND (0.0002)	ND (0.00019)	-	-	-	-	-	-	-	ND (0.0002)	ND (0.0002)	-	-	-	-	-	-	-
N-Ethylperfluorooctane sulfonamide (N-EtFOSA)	NA	ND (0.0002)	ND (0.00019)	-	-	-	-	-	-	-	ND (0.0002)	ND (0.0002)	-	-	-	-	-	-	-
N-Ethylperfluorooctane sulfonamidoethanol (N-EtFOSE)	NA	ND (0.00099)	ND (0.00096)	-	-	-	-	-	-	-	ND (0.00099)	ND (0.00099)	-	-	-	-	-	-	-
N-Methyl Perfluorooctanesulfonamidoacetic Acid (NMeFOSAA)	NA	ND (0.0002)	ND (0.00019)	-	-	-	-	-	-	-	ND (0.0002)	ND (0.0002)	-	-	-	-	-	-	-
N-Methylperfluorooctane sulfonamide (N-MeFOSA)	NA	ND (0.0002)	ND (0.00019)	-	-	-	-	-	-	-	ND (0.0002)	ND (0.0002)	-	-	-	-	-	-	-
N-Methylperfluorooctane sulfonamidoethanol (N-MeFOSE)	NA	ND (0.00099)	ND (0.00096)	-	-	-	-	-	-	-	ND (0.00099)	ND (0.00099)	-	-	-	-	-	-	-
Nonafluoro-3,6-dioxaheptanoic acid (NFDHA)	NA	ND (0.0002)	ND (0.00019)	-	-	-	-	-	-	-	ND (0.0002)	ND (0.0002)	-	-	-	-	-	-	-
Perfluoro(2-ethoxyethane) sulphonic acid (PFEESA)	NA	ND (0.0002)	ND (0.00019)	-	-	-	-	-	-	-	ND (0.0002)	ND (0.0002)	-	-	-	-	-	-	-
Perfluoro(4-methoxybutanoic) acid (PFMBA)	NA	ND (0.0002)	ND (0.00019)	-	-	-	-	-	-	-	ND (0.0002)	ND (0.0002)	-	-	-	-	-	-	-
Perfluoro-2-propoxypropanoic acid (PFPrOPrA)(GenX) (HFPO-DA)	NA	ND (0.0002)	ND (0.00019)	-	-	-	-	-	-	-	ND (0.0002)	ND (0.0002)	-	-	-	-	-	-	-
Perfluoro-3-methoxypropanoic acid (PFMPA)	NA	ND (0.0002)	ND (0.00019)	-	-	-	-	-	-	-	ND (0.0002)	ND (0.0002)	-	-	-	-	-	-	-
Perfluorobutanesulfonic acid (PFBS)	NA	ND (0.0002)	ND (0.00019)	-	-	-	-	-	-	-	ND (0.0002)	ND (0.0002)	-	-	-	-	-	-	-
Perfluorobutanoic acid (PFBA)	NA	ND (0.00039)	ND (0.00038)	-	-	-	-	-	-	-	ND (0.0004)	ND (0.0004)	-	-	-	-	-	-	-
Perfluorodecanesulfonic acid (PFDS)	NA	ND (0.0002)	ND (0.00019)	-	-	-	-	-	-	-	ND (0.0002)	ND (0.0002)	-	-	-	-	-	-	-
Perfluorodecanoic acid (PFDA)	NA	0.000089 J	ND (0.00019)	-	-	-	-	-	-	-	0.000096 J	ND (0.0002)	-	-	-	-	-	-	-
Perfluorododecane sulfonic acid (PFDoDS)	NA	ND (0.0002)	ND (0.00019)	-	-	-	-	-	-	-	ND (0.0002)	ND (0.0002)	-	-	-	-	-	-	-
Perfluorododecanoic acid (PFDoDA)	NA	ND (0.0002)	ND (0.00019)	-	-	-	-	-	-	-	0.00018 J	ND (0.0002)	-	-	-	-	-	-	-
Perfluoroheptanesulfonic acid (PFHpS)	NA	ND (0.0002)	ND (0.00019)	-	-	-	-	-	-	-	ND (0.0002)	ND (0.0002)	-	-	-	-	-	-	-
Perfluoroheptanoic acid (PFHpA)	NA	ND (0.0002)	ND (0.00019)	-	-	-	-	-	-	-	ND (0.0002)	ND (0.0002)	-	-	-	-	-	-	-
Perfluorohexanesulfonic acid (PFHxS)	NA	ND (0.0002)	ND (0.00019)	-	-	-	-	-	-	-	ND (0.0002)	ND (0.0002)	-	-	-	-	-	-	-
Perfluorohexanoic acid (PFHxA)	NA	ND (0.0002)	ND (0.00019)	-	-	-	-	-	-	-	ND (0.0002)	ND (0.0002)	-	-	-	-	-	-	-
Perfluorononane sulfonic acid (PFNS)	NA	ND (0.0002)	ND (0.00019)	-	-	-	-	-	-	-	ND (0.0002)	ND (0.0002)	-	-	-	-	-	-	-
Perfluorononanoic acid (PFNA)	NA	ND (0.0002)	ND (0.00019)	-	-	-	-	-	-	-	0.00012 J	0.00013 J	-	-	-	-	-	-	-
Perfluorooctane sulfonamide (PFOSA)	NA	ND (0.0002)	ND (0.00019)	-	-	-	-	-	-	-	ND (0.0002)	ND (0.0002)	-	-	-	-	-	-	-
Perfluorooctanesulfonic acid (PFOS)	0.44	ND (0.0002)	ND (0.00019)	-	-	-	-	-	-	-	ND (0.0002)	ND (0.0002)	-	-	-	-	-	-	-
Perfluorooctanoic acid (PFOA)	0.5	0.000069 J	ND (0.00019)	-	-	-	-	-	-	-	0.00007 J	0.000066 J	-	-	-	-	-	-	-
Perfluoropentanesulfonic acid (PFPeS)	NA	ND (0.0002)	ND (0.00019)	-	-	-	-	-	-	-	ND (0.0002)	ND (0.0002)	-	-	-	-	-	-	-
Perfluoropentanoic acid (PFPeA)	NA	ND (0.0002)	ND (0.00019)	-	-	-	-	-	-	-	ND (0.0002)	ND (0.0002)	-	-	-	-	-	-	-
Perfluorotetradecanoic acid (PFTeDA)	NA	ND (0.0002)	ND (0.00019)	-	-	-	-	-	-	-	ND (0.0002)	ND (0.0002)	-	-	-	-	-	-	-
Perfluorotridecanoic acid (PFTrDA)	NA	0.0009	0.0009	-	-	-	-	-	-	-	0.00269	0.00197	-	-	-	-	-	-	-
Perfluoroundecanoic acid (PFUnDA)	NA	0.00094	0.00047	-	-	-	-	-	-	-	0.0023	0.00063	-	-	-	-	-	-	-
Pesticides (mg/kg)																			
4,4'-DDD	92	ND (0.007)	ND (0.007)	-	-	-	-	-	-	-	ND (0.0074)	ND (0.0076)	-	-	-	-	-	-	-
4,4'-DDE	62	ND (0.007)	ND (0.007)	-	-	-	-	-	-	-	ND (0.0074)	ND (0.0076)	-	-	-	-	-	-	-
4,4'-DDT	47	ND (0.007)	ND (0.007)	-	-	-	-	-	-	-	ND (0.0074)	ND (0.0076)	-	-	-	-	-	-	-
Aldrin	0.68	ND (0.007)	ND (0.007)	-	-	-	-	-	-	-	ND (0.0074)	ND (0.0076)	-	-	-	-	-	-	-
alpha-BHC	3.4	ND (0.0021) *	ND (0.0021) *	-	-	-	-	-	-	-	ND (0.0022)	ND (0.0023)	-	-	-	-	-	-	-
alpha-Chlordane (cis)	24	ND (0.007)	ND (0.007)	-	-	-	-	-	-	-	ND (0.0074)	ND (0.0076)	-	-	-	-	-	-	-
beta-BHC	3	ND (0.0021)	ND (0.0021)	-	-	-	-	-	-	-	ND (0.0022)	ND (0.0023)	-	-	-	-	-	-	-
Chlordane	NA	ND (0.07)	ND (0.07)	-	-	-	-	-	-	-	ND (0.074)	ND (0.076)	-	-	-	-	-	-	-
delta-BHC	500	ND (0.0021) *	ND (0.0021) *	-	-	-	-	-	-	-	ND (0.0022)	ND (0.0023)	-	-	-	-	-	-	-
Dieldrin	1.4	ND (0.0021) *	ND (0.0021) *	-	-	-	-	-	-	-	ND (0.0022)	ND (0.0023)	-	-	-	-	-	-	-
Endosulfan I	200	ND (0.007)	ND (0.007)	-	-	-	-	-	-	-	ND (0.0074)	ND (0.0076)	-	-	-	-	-	-	-
Endosulfan II	200	ND (0.007)	ND (0.007)	-	-	-	-	-	-	-	ND (0.0074)	ND (0.0076)	-	-	-	-	-	-	-
Endosulfan sulfate	200	ND (0.007)	ND (0.007)	-	-	-	-	-	-	-	ND (0.0074)	ND (0.0076)	-	-	-	-	-	-	-
Endrin	89	ND (0.007)	ND (0.007)	-	-	-	-	-	-	-	ND (0.0074)	ND (0.0076)	-	-	-	-	-	-	-
Endrin aldehyde	NA	ND (0.007)	ND (0.007)	-	-	-	-	-	-	-	ND (0.0074)	ND (0.0076)	-	-	-	-	-	-	-
Endrin ketone	NA	ND (0.007)	ND (0.007)	-	-	-	-	-	-	-	ND (0.0074)	ND (0.0076)	-	-	-	-	-	-	-
gamma-BHC (Lindane)	9.2	ND (0.0021)	ND (0.0021)	-	-	-	-	-	-	-	ND (0.0022)	ND (0.0023)	-	-	-	-	-	-	-
Heptachlor	15	ND (0.007)	ND (0.007)	-	-	-	-	-	-	-	ND (0.0074)	ND (0.0076)	-	-	-	-	-	-	-
Heptachlor epoxide	NA	ND (0.007)	ND (0.007)	-	-	-	-	-	-	-	ND (0.0074)	ND (0.0076)	-	-	-	-	-	-	-
Methoxychlor	NA	ND (0.007)	ND (0.007)	-	-	-	-	-	-	-	ND (0.0074)	ND (0.0076)	-	-	-	-	-	-	-
Toxaphene	NA	ND (0.07)	ND (0.07)	-	-	-	-	-	-	-	ND (0.074)	ND (0.076)	-	-	-	-	-	-	-

TABLE 3
SUMMARY OF SOIL QUALITY DATA - BERM 3
FORMER PORT MOBIL TERMINAL
STATEN ISLAND, NEW YORK
FILE NO. 0208998

	Criteria																		
Location Name	NY Part 375	3A	3A	3A1	3A1	3A2	3A2	3A2	3A3	3A3	3B	3B	3B1	3B1	3B2	3B2	3B3	3B3	3B3
Sample Name	Commercial	3A_0-7	3A_7-14	3A1_2-3	3A1_8-9	3A2_1-2	3A2_4-5	3A2_10-11	3A3_6-7	3A3_12-13	3B_0-7	3B_7-14	3B1_1-2	3B1_6-7	3B2_2-3	3B2_8-9	3B3_4-5	3B3_10-11	3B3_11-12
Sample Date	Use	10/09/2025	10/09/2025	10/09/2025	10/09/2025	10/09/2025	10/09/2025	10/09/2025	10/09/2025	10/09/2025	10/08/2025	10/08/2025	10/08/2025	10/08/2025	10/08/2025	10/08/2025	10/08/2025	10/08/2025	10/08/2025
Lab Sample ID	Soil Cleanup	460-336881-9	460-336881-10	460-336881-17	460-336881-20	460-336881-18	460-336881-23	460-336881-21	460-336881-19	460-336881-22	460-336761-15	460-336761-16	460-336761-70	460-336761-73	460-336761-71	460-336761-74	460-336761-72	460-336761-75	460-336761-76
Sample Depth (bgs)	Objectives	0 - 7 (ft)	7 - 14 (ft)	2 - 3 (ft)	8 - 9 (ft)	1 - 2 (ft)	4 - 5 (ft)	10 - 11 (ft)	6 - 7 (ft)	12 - 13 (ft)	0 - 7 (ft)	7 - 14 (ft)	1 - 2 (ft)	6 - 7 (ft)	2 - 3 (ft)	8 - 9 (ft)	4 - 5 (ft)	10 - 11 (ft)	11 - 12 (ft)
Polychlorinated Biphenyls (mg/kg)																			
Aroclor-1016 (PCB-1016)	NA	ND (0.07)	ND (0.07)	-	-	-	-	-	-	-	ND (0.074)	ND (0.076)	-	-	-	-	-	-	-
Aroclor-1221 (PCB-1221)	NA	ND (0.07)	ND (0.07)	-	-	-	-	-	-	-	ND (0.074)	ND (0.076)	-	-	-	-	-	-	-
Aroclor-1232 (PCB-1232)	NA	ND (0.07)	ND (0.07)	-	-	-	-	-	-	-	ND (0.074)	ND (0.076)	-	-	-	-	-	-	-
Aroclor-1242 (PCB-1242)	NA	ND (0.07)	ND (0.07)	-	-	-	-	-	-	-	ND (0.074)	ND (0.076)	-	-	-	-	-	-	-
Aroclor-1248 (PCB-1248)	NA	ND (0.07)	ND (0.07)	-	-	-	-	-	-	-	ND (0.074)	ND (0.076)	-	-	-	-	-	-	-
Aroclor-1254 (PCB-1254)	NA	ND (0.07)	ND (0.07)	-	-	-	-	-	-	-	ND (0.074)	ND (0.076)	-	-	-	-	-	-	-
Aroclor-1260 (PCB-1260)	NA	ND (0.07)	ND (0.07)	-	-	-	-	-	-	-	ND (0.074)	ND (0.076)	-	-	-	-	-	-	-
Aroclor-1262 (PCB-1262)	NA	ND (0.07)	ND (0.07)	-	-	-	-	-	-	-	ND (0.074)	ND (0.076)	-	-	-	-	-	-	-
Aroclor-1268 (PCB-1268)	NA	ND (0.07)	ND (0.07)	-	-	-	-	-	-	-	ND (0.074)	ND (0.076)	-	-	-	-	-	-	-
Total PCBs	1	ND (0.07)	ND (0.07)	-	-	-	-	-	-	-	ND (0.074)	ND (0.076)	-	-	-	-	-	-	-
Inorganic Compounds (mg/kg)																			
Aluminum	NA	6900	8500	-	-	-	-	-	-	-	6300	7000	-	-	-	-	-	-	-
Antimony	NA	1.4	1.7	-	-	-	-	-	-	-	1	1.2	-	-	-	-	-	-	-
Arsenic	16	5.1	6.9	-	-	-	-	-	-	-	4.5	6	-	-	-	-	-	-	-
Barium	400	49.4	45.4	-	-	-	-	-	-	-	30.4	35.3	-	-	-	-	-	-	-
Beryllium	590	0.53	0.64	-	-	-	-	-	-	-	0.5	0.45	-	-	-	-	-	-	-
Cadmium	9.3	0.13 J	0.29 J	-	-	-	-	-	-	-	0.17 J	0.16 J	-	-	-	-	-	-	-
Calcium	NA	1150	1730	-	-	-	-	-	-	-	2060	861	-	-	-	-	-	-	-
Chromium	NA	14.5	19	-	-	-	-	-	-	-	14	17.5	-	-	-	-	-	-	-
Cobalt	NA	6	8.1	-	-	-	-	-	-	-	5.9	5.4	-	-	-	-	-	-	-
Copper	270	26	32.4	-	-	-	-	-	-	-	34.6	26.8	-	-	-	-	-	-	-
Iron	NA	15000	20800	-	-	-	-	-	-	-	18500	17700	-	-	-	-	-	-	-
Lead	1000	29.6	55.5	-	-	-	-	-	-	-	96.6	53.2	-	-	-	-	-	-	-
Magnesium	NA	2150	2770	-	-	-	-	-	-	-	2910	2540	-	-	-	-	-	-	-
Manganese	10000	226	293	-	-	-	-	-	-	-	200	206	-	-	-	-	-	-	-
Mercury	2.8	0.029	0.026	-	-	-	-	-	-	-	0.034	0.019	-	-	-	-	-	-	-
Nickel	310	12.4	15	-	-	-	-	-	-	-	16.1	18.1	-	-	-	-	-	-	-
Potassium	NA	1000	1420	-	-	-	-	-	-	-	1800	1210	-	-	-	-	-	-	-
Selenium	1500	0.2 J	0.32 J	-	-	-	-	-	-	-	0.23 J	0.26 J	-	-	-	-	-	-	-
Silver	1500	0.14 J	0.15 J	-	-	-	-	-	-	-	0.12 J	0.16 J	-	-	-	-	-	-	-
Sodium	NA	59.2 J	67.1 J	-	-	-	-	-	-	-	59.8 J	49.7 J	-	-	-	-	-	-	-
Thallium	NA	0.099 J	0.095 J	-	-	-	-	-	-	-	0.1 J	0.09 J	-	-	-	-	-	-	-
Vanadium	NA	21.6	27.8	-	-	-	-	-	-	-	16.9	24.8	-	-	-	-	-	-	-
Zinc	10000	46.2	64.7	-	-	-	-	-	-	-	90.9	44.3	-	-	-	-	-	-	-

ABBREVIATIONS AND NOTES:

mg/kg: milligram per kilogram

**: LCS or LCSD is outside acceptance limits.*
-: Not Analyzed
B: Compound was found in the blank and the associated sample.
bgs: below ground surface
ft: feet
J: Value is estimated.
NA: Not Applicable
ND (2.5): Not detected, number in parentheses is the laboratory reporting limit

- For test methods used, see the laboratory data sheets.
- Soil analytical results are compared to the New York State Department of Environmental Conservation (NYSDEC) Title 6 of the Official Compilation of New York Codes, Rules, and Regulations (NYCRR) Part 375 Commercial Use Soil Cleanup Objectives (SCO).
- Grey shading indicates an exceedance of the Commercial Use Soil Cleanup Objectives.

TABLE 3
SUMMARY OF SOIL QUALITY DATA - BERM 3
FORMER PORT MOBIL TERMINAL
STATEN ISLAND, NEW YORK
FILE NO. 0208998

	Criteria																		
Location Name	NY Part 375	3C	3C	3C1	3C1	3C1	3C2	3C2	3C3	3C3	3D	3D	3D1	3D1	3D1	3D2	3D2	3D3	3D3
Sample Name	Commercial	3C_0-7	3C_7-14	3C1_1-2	3C1_5-6	3C1_10-11	3C2_2-3	3C2_7-8	3C3_4-5	3C3_9-10	3D_0-7	3D_7-14	3D1_1-2	3D1_6-7	3D1_11-12	3D2_3-4	3D2_7-8	3D3_5-6	3D3_9-10
Sample Date	Use	10/08/2025	10/08/2025	10/08/2025	10/08/2025	10/08/2025	10/08/2025	10/08/2025	10/08/2025	10/08/2025	10/08/2025	10/08/2025	10/08/2025	10/08/2025	10/08/2025	10/08/2025	10/08/2025	10/08/2025	10/08/2025
Lab Sample ID	Soil Cleanup	460-336761-17	460-336761-18	460-336761-77	460-336761-80	460-336761-83	460-336761-78	460-336761-81	460-336761-79	460-336761-82	460-336761-19	460-336761-20	460-336761-84	460-336761-87	460-336761-90	460-336761-85	460-336761-88	460-336761-86	460-336761-89
Sample Depth (bgs)	Objectives	0 - 7 (ft)	7 - 14 (ft)	1 - 2 (ft)	5 - 6 (ft)	10 - 11 (ft)	2 - 3 (ft)	7 - 8 (ft)	4 - 5 (ft)	9 - 10 (ft)	0 - 7 (ft)	7 - 14 (ft)	1 - 2 (ft)	6 - 7 (ft)	11 - 12 (ft)	3 - 4 (ft)	7 - 8 (ft)	5 - 6 (ft)	9 - 10 (ft)
Volatile Organic Compounds (mg/kg)																			
1,1,1-Trichloroethane	500	-	-	ND (0.001)	ND (0.0011)	ND (0.001)	ND (0.0011)	ND (0.0011)	ND (0.00096)	ND (0.001)	-	-	ND (0.001)	ND (0.00085)	ND (0.0011)	ND (0.0012)	ND (0.0012)	ND (0.0013)	ND (0.0008)
1,1,2,2-Tetrachloroethane	NA	-	-	ND (0.001)	ND (0.0011)	ND (0.001)	ND (0.0011)	ND (0.0011)	ND (0.00096)	ND (0.001)	-	-	ND (0.001)	ND (0.00085)	ND (0.0011)	ND (0.0012)	ND (0.0012)	ND (0.0013)	ND (0.0008)
1,1,2-Trichloroethane	NA	-	-	ND (0.001)	ND (0.0011)	ND (0.001)	ND (0.0011)	ND (0.0011)	ND (0.00096)	ND (0.001)	-	-	ND (0.001)	ND (0.00085)	ND (0.0011)	ND (0.0012)	ND (0.0012)	ND (0.0013)	ND (0.0008)
1,1-Dichloroethane	240	-	-	ND (0.001)	ND (0.0011)	ND (0.001)	ND (0.0011)	ND (0.0011)	ND (0.00096)	ND (0.001)	-	-	ND (0.001)	ND (0.00085)	ND (0.0011)	ND (0.0012)	ND (0.0012)	ND (0.0013)	ND (0.0008)
1,1-Dichloroethene	500	-	-	ND (0.001)	ND (0.0011)	ND (0.001)	ND (0.0011)	ND (0.0011)	ND (0.00096)	ND (0.001)	-	-	ND (0.001)	ND (0.00085)	ND (0.0011)	ND (0.0012)	ND (0.0012)	ND (0.0013)	ND (0.0008)
1,2,3-Trichlorobenzene	NA	-	-	ND (0.001)	ND (0.0011)	ND (0.001)	ND (0.0011)	ND (0.0011)	ND (0.00096)	ND (0.001)	-	-	ND (0.001)	ND (0.00085)	ND (0.0011)	ND (0.0012)	ND (0.0012)	ND (0.0013)	ND (0.0008)
1,2,4-Trichlorobenzene	NA	-	-	ND (0.001)	ND (0.0011)	ND (0.001)	ND (0.0011)	ND (0.0011)	ND (0.00096)	ND (0.001)	-	-	ND (0.001)	ND (0.00085)	ND (0.0011)	ND (0.0012)	ND (0.0012)	ND (0.0013)	ND (0.0008)
1,2,4-Trimethylbenzene	190	-	-	ND (0.001)	ND (0.0011)	ND (0.001)	ND (0.0011)	ND (0.0011)	ND (0.00096)	ND (0.001)	-	-	ND (0.001)	ND (0.00085)	ND (0.0011)	ND (0.0012)	ND (0.0012)	ND (0.0013)	ND (0.0008)
1,2-Dibromo-3-chloropropane (DBCP)	NA	-	-	ND (0.001)	ND (0.0011)	ND (0.001)	ND (0.0011)	ND (0.0011)	ND (0.00096)	ND (0.001)	-	-	ND (0.001)	ND (0.00085)	ND (0.0011)	ND (0.0012)	ND (0.0012)	ND (0.0013)	ND (0.0008)
1,2-Dibromoethane (Ethylene Dibromide)	NA	-	-	ND (0.001)	ND (0.0011)	ND (0.001)	ND (0.0011)	ND (0.0011)	ND (0.00096)	ND (0.001)	-	-	ND (0.001)	ND (0.00085)	ND (0.0011)	ND (0.0012)	ND (0.0012)	ND (0.0013)	ND (0.0008)
1,2-Dichlorobenzene	500	-	-	ND (0.001)	ND (0.0011)	ND (0.001)	ND (0.0011)	ND (0.0011)	ND (0.00096)	ND (0.001)	-	-	ND (0.001)	ND (0.00085)	ND (0.0011)	ND (0.0012)	ND (0.0012)	ND (0.0013)	ND (0.0008)
1,2-Dichloroethane	30	-	-	ND (0.001)	ND (0.0011)	ND (0.001)	ND (0.0011)	ND (0.0011)	ND (0.00096)	ND (0.001)	-	-	ND (0.001)	ND (0.00085)	ND (0.0011)	ND (0.0012)	ND (0.0012)	ND (0.0013)	ND (0.0008)
1,2-Dichloropropane	NA	-	-	ND (0.001)	ND (0.0011)	ND (0.001)	ND (0.0011)	ND (0.0011)	ND (0.00096)	ND (0.001)	-	-	ND (0.001)	ND (0.00085)	ND (0.0011)	ND (0.0012)	ND (0.0012)	ND (0.0013)	ND (0.0008)
1,3,5-Trimethylbenzene	190	-	-	ND (0.001)	ND (0.0011)	ND (0.001)	ND (0.0011)	ND (0.0011)	ND (0.00096)	ND (0.001)	-	-	ND (0.001)	ND (0.00085)	ND (0.0011)	ND (0.0012)	ND (0.0012)	ND (0.0013)	ND (0.0008)
1,3-Dichlorobenzene	280	-	-	ND (0.001)	ND (0.0011)	ND (0.001)	ND (0.0011)	ND (0.0011)	ND (0.00096)	ND (0.001)	-	-	ND (0.001)	ND (0.00085)	ND (0.0011)	ND (0.0012)	ND (0.0012)	ND (0.0013)	ND (0.0008)
1,4-Dichlorobenzene	130	-	-	ND (0.001)	ND (0.0011)	ND (0.001)	ND (0.0011)	ND (0.0011)	ND (0.00096)	ND (0.001)	-	-	ND (0.001)	ND (0.00085)	ND (0.0011)	ND (0.0012)	ND (0.0012)	ND (0.0013)	ND (0.0008)
2-Butanone (Methyl Ethyl Ketone)	500	-	-	ND (0.0051)	ND (0.0053)	ND (0.005)	ND (0.0053)	ND (0.0054)	ND (0.0048)	ND (0.005)	-	-	ND (0.0051)	ND (0.0043)	ND (0.0056)	ND (0.006)	ND (0.006)	ND (0.0065)	ND (0.004)
2-Hexanone (Methyl Butyl Ketone)	NA	-	-	ND (0.0051)	ND (0.0053)	ND (0.005)	ND (0.0053)	ND (0.0054)	ND (0.0048)	ND (0.005)	-	-	ND (0.0051)	ND (0.0043)	ND (0.0056)	ND (0.006)	ND (0.006)	ND (0.0065)	ND (0.004)
2-Phenylbutane (sec-Butylbenzene)	500	-	-	ND (0.001)	ND (0.0011)	ND (0.001)	ND (0.0011)	ND (0.0011)	ND (0.00096)	ND (0.001)	-	-	ND (0.001)	ND (0.00085)	ND (0.0011)	ND (0.0012)	ND (0.0012)	ND (0.0013)	ND (0.0008)
4-Methyl-2-Pentanone (Methyl Isobutyl Ketone)	NA	-	-	ND (0.0051)	ND (0.0053)	ND (0.005)	ND (0.0053)	ND (0.0054)	ND (0.0048)	ND (0.005)	-	-	ND (0.0051)	ND (0.0043)	ND (0.0056)	ND (0.006)	ND (0.006)	ND (0.0065)	ND (0.004)
Acetone	500	-	-	ND (0.0061)	ND (0.0064)	ND (0.006)	ND (0.0064)	ND (0.0065)	ND (0.0058)	ND (0.006)	-	-	ND (0.0061)	ND (0.0051)	ND (0.0068)	ND (0.0072)	ND (0.0072)	ND (0.0078)	ND (0.0048)
Benzene	44	-	-	ND (0.001)	ND (0.0011)	ND (0.001)	ND (0.0011)	ND (0.0011)	ND (0.00096)	ND (0.001)	-	-	ND (0.001)	ND (0.00085)	ND (0.0011)	ND (0.0012)	ND (0.0012)	ND (0.0013)	ND (0.0008)
Bromodichloromethane	NA	-	-	ND (0.001)	ND (0.0011)	ND (0.001)	ND (0.0011)	ND (0.0011)	ND (0.00096)	ND (0.001)	-	-	ND (0.001)	ND (0.00085)	ND (0.0011)	ND (0.0012)	ND (0.0012)	ND (0.0013)	ND (0.0008)
Bromoform	NA	-	-	ND (0.001)	ND (0.0011)	ND (0.001)	ND (0.0011)	ND (0.0011)	ND (0.00096)	ND (0.001)	-	-	ND (0.001)	ND (0.00085)	ND (0.0011)	ND (0.0012)	ND (0.0012)	ND (0.0013)	ND (0.0008)
Bromomethane (Methyl Bromide)	NA	-	-	ND (0.002)	ND (0.0021)	ND (0.002)	ND (0.0021)	ND (0.0022)	ND (0.0019)	ND (0.002)	-	-	ND (0.002)	ND (0.0017)	ND (0.0023)	ND (0.0024)	ND (0.0024)	ND (0.0026)	ND (0.0016)
Carbon disulfide	NA	-	-	ND (0.001)	ND (0.0011)	ND (0.001)	ND (0.0011)	ND (0.0011)	ND (0.00096)	ND (0.001)	-	-	ND (0.001)	ND (0.00085)	ND (0.0011)	ND (0.0012)	ND (0.0012)	ND (0.0013)	ND (0.0008)
Carbon tetrachloride	22	-	-	ND (0.001)	ND (0.0011)	ND (0.001)	ND (0.0011)	ND (0.0011)	ND (0.00096)	ND (0.001)	-	-	ND (0.001)	ND (0.00085)	ND (0.0011)	ND (0.0012)	ND (0.0012)	ND (0.0013)	ND (0.0008)
Chlorobenzene	500	-	-	ND (0.001)	ND (0.0011)	ND (0.001)	ND (0.0011)	ND (0.0011)	ND (0.00096)	ND (0.001)	-	-	ND (0.001)	ND (0.00085)	ND (0.0011)	ND (0.0012)	ND (0.0012)	ND (0.0013)	ND (0.0008)
Chlorobromomethane	NA	-	-	ND (0.001)	ND (0.0011)	ND (0.001)	ND (0.0011)	ND (0.0011)	ND (0.00096)	ND (0.001)	-	-	ND (0.001)	ND (0.00085)	ND (0.0011)	ND (0.0012)	ND (0.0012)	ND (0.0013)	ND (0.0008)
Chloroethane	NA	-	-	ND (0.001)	ND (0.0011)	ND (0.001)	ND (0.0011)	ND (0.0011)	ND (0.00096)	ND (0.001)	-	-	ND (0.001)	ND (0.00085)	ND (0.0011)	ND (0.0012)	ND (0.0012)	ND (0.0013)	ND (0.0008)
Chloroform (Trichloromethane)	350	-	-	ND (0.001)	ND (0.0011)	ND (0.001)	ND (0.0011)	ND (0.0011)	ND (0.00096)	ND (0.001)	-	-	ND (0.001)	ND (0.00085)	ND (0.0011)	ND (0.0012)	ND (0.0012)	ND (0.0013)	ND (0.0008)
Chloromethane (Methyl Chloride)	NA	-	-	ND (0.001)	ND (0.0011)	ND (0.001)	ND (0.0011)	ND (0.0011)	ND (0.00096)	ND (0.001)	-	-	ND (0.001)	ND (0.00085)	ND (0.0011)	ND (0.0012)	ND (0.0012)	ND (0.0013)	ND (0.0008)
cis-1,2-Dichloroethene	500	-	-	ND (0.001)	ND (0.0011)	ND (0.001)	ND (0.0011)	ND (0.0011)	ND (0.00096)	ND (0.001)	-	-	ND (0.001)	ND (0.00085)	ND (0.0011)	ND (0.0012)	ND (0.0012)	ND (0.0013)	ND (0.0008)
cis-1,3-Dichloropropene	NA	-	-	ND (0.001)	ND (0.0011)	ND (0.001)	ND (0.0011)	ND (0.0011)	ND (0.00096)	ND (0.001)	-	-	ND (0.001)	ND (0.00085)	ND (0.0011)	ND (0.0012)	ND (0.0012)	ND (0.0013)	ND (0.0008)
Cyclohexane	NA	-	-	ND (0.001)	ND (0.0011)	ND (0.001)	ND (0.0011)	ND (0.0011)	ND (0.00096)	ND (0.001)	-	-	ND (0.001)	ND (0.00085)	ND (0.0011)	ND (0.0012)	ND (0.0012)	ND (0.0013)	ND (0.0008)
Dibromochloromethane	NA	-	-	ND (0.001)	ND (0.0011)	ND (0.001)	ND (0.0011)	ND (0.0011)	ND (0.00096)	ND (0.001)	-	-	ND (0.001)	ND (0.00085)	ND (0.0011)	ND (0.0012)	ND (0.0012)	ND (0.0013)	ND (0.0008)
Dichlorodifluoromethane (CFC-12)	NA	-	-	ND (0.001)	ND (0.0011)	ND (0.001)	ND (0.0011)	ND (0.0011)	ND (0.00096)	ND (0.001)	-	-	ND (0.001)	ND (0.00085)	ND (0.0011)	ND (0.0012)	ND (0.0012)	ND (0.0013)	ND (0.0008)
Ethylbenzene	390	-	-	ND (0.001)	ND (0.0011)	ND (0.001)	ND (0.0011)	ND (0.0011)	ND (0.00096)	ND (0.001)	-	-	ND (0.001)	ND (0.00085)	ND (0.0011)	ND (0.0012)	ND (0.0012)	ND (0.0013)	ND (0.0008)
Isopropylbenzene (Cumene)	NA	-	-	ND (0.001)	ND (0.0011)	ND (0.001)	ND (0.0011)	ND (0.0011)	ND (0.00096)	ND (0.001)	-	-	ND (0.001)	ND (0.00085)	ND (0.0011)	ND (0.0012)	ND (0.0012)	ND (0.0013)	ND (0.0008)
m,p-Xylenes	NA	-	-	ND (0.001)	ND (0.0011)	ND (0.001)	ND (0.0011)	ND (0.0011)	ND (0.00096)	ND (0.001)	-	-	ND (0.001)	ND (0.00085)	ND (0.0011)	ND (0.0012)	ND (0.0012)	ND (0.0013)	ND (0.0008)
Methyl acetate	NA	-	-	ND (0.0051)	ND (0.0053)	ND (0.005)	ND (0.0053)	ND (0.0054)	ND (0.0048)	ND (0.005)	-	-	ND (0.0051)	ND (0.0043)	ND (0.0056)	ND (0.006)	ND (0.006)	ND (0.0065)	ND (0.004)
Methyl Tert Butyl Ether (MTBE)	500	-	-	ND (0.001)	ND (0.0011)	ND (0.001)	ND (0.0011)	ND (0.0011)	ND (0.00096)	ND (0.001)	-	-	ND (0.001)	ND (0.00085)	ND (0.0011)	ND (0.0012)	ND (0.0012)	ND (0.0013)	ND (0.0008)
Methylcyclohexane	NA	-	-	ND (0.001)	ND (0.0011)	ND (0.001)	ND (0.0011)	ND (0.0011)	ND (0.00096)	ND (0.001)	-	-	ND (0.001)	ND (0.00085)	ND (0.0011)	ND (0.0012)	ND (0.0012)	ND (0.0013)	ND (0.0008)
Methylene chloride (Dichloromethane)	500	-	-	ND (0.002)	ND (0.0021)	ND (0.002)	ND (0.0021)	0.0013 J	0.0014 J	ND (0.002)	-	-	ND (0.002)	ND (0.0017)	ND (0.0023)	ND (0.0024)	0.0015 J	ND (0.0026)	ND (0.0016)
n-Butylbenzene	500	-	-	ND (0.001)	ND (0.0011)	ND (0.001)	ND (0.0011)	ND (0.0011)	ND (0.00096)	ND (0.001)	-	-	ND (0.001)	ND (0.00085)	ND (0.0011)	ND (0.0012)	ND (0.0012)	ND (0.0013)	ND (0.0008)
n-Propylbenzene	500	-	-	ND (0.001)	ND (0.0011)	ND (0.001)	ND (0.0011)	ND (0.0011)	ND (0.00096)	ND (0.001)	-	-	ND (0.001)	ND (0.00085)	ND (0.0011)	ND (0.0012)	ND (0.0012)	ND (0.0013)	ND (0.0008)
o-Xylene	NA	-	-	ND (0.001)	ND (0.0011)	ND (0.001)	ND (0.0011)	ND (0.0011)	ND (0.00096)	ND (0.001)	-	-	ND (0.001)	ND (0.00085)	ND (0.0011)	ND (0.0012)	ND (0.0012)	ND (0.0013)	ND (0.0008)
Styrene	NA	-	-	ND (0.001)	ND (0.0011)	ND (0.001)	ND (0.0011)	ND (0.0011)	ND (0.00096)	ND (0.001)	-	-	ND (0.001)	ND (0.00085)	ND (0.0011)	ND (0.0012)	ND (0.0012)	ND (0.0013)	ND (0.0008)
tert-Butylbenzene	500	-	-	ND (0.001)	ND (0.0011)	ND (0.001)	ND (0.0011)	ND (0.0011)	ND (0.00096)	ND (0.001)	-	-	ND (0.001)	ND (0.00085)	ND (0.0011)	ND (0.0012)	ND (0.0012)	ND (0.0013)	ND (0.0008)
Tetrachloroethene	150	-	-	ND (0.001)	ND (0.0011)	ND (0.001)	ND (0.0011)	ND (0.0011)	ND (0.00096)	ND (0.001)	-	-	ND (0.001)	ND (0.00085)	ND (0.0011)	ND (0.0012)	ND (0.0012)	ND (0.0013)	ND (0.0008)
Toluene	500	-	-	ND (0.001)	ND (0.0011)	0.0005 J	0.00051 J	ND (0.0011)	ND (0.00096)	ND (0.001)	-	-	ND (0.001)	ND (0.00085)	0.00055 J	0.00059 J	0.00059 J	ND (0.0013)	ND (0.0008)
trans-1,2-Dichloroethene	500	-	-	ND (0.001)	ND (0.0011)	ND (0.001)	ND (0.0011)	ND (0.0011)	ND (0.00096)	ND (0.001)	-	-	ND (0.001)	ND (0.00085)	ND (0.0011)	ND (0.0012)	ND (0.0012)	ND (0.0013)	ND (0.0008)
trans-1,3-Dichloropropene	NA	-	-	ND (0.001)	ND (0.0011)	ND (0.001)	ND (0.0011)	ND (0.0011)	ND (0.00096)	ND (0.001)	-	-	ND (0.001)	ND (0.00085)	ND (0.0011)	ND (0.0012)	ND (0.0012)	ND (0.0013)	ND (0.0008)
Trichloroethene	200	-	-	ND (0.001)	ND (0.0011)	ND (0.001)	ND (0.0011)	ND (0.0011)	ND (0.00096)	ND (0.001)	-	-	ND (0.001)	ND (0.00085)	ND (0.0011)	ND (0.0012)	ND (0.0012)	ND (0.0013)	ND (0.0008)
Trichlorofluoromethane (CFC-11)	NA	-	-	ND (0.001)	ND (0.0011)	ND (0.001)	ND (0.0011)	ND (0.0011)	ND (0.00096)	ND (0.001)	-	-	ND (0.001)	ND (0.00085)	ND (0.0011)	ND (0.0012)	ND (0.0012)	ND (0.0013)	ND (0.0008)
Trifluorotrichloroethane (Freon 113)	NA	-	-	ND (0.001)	ND (0.0011)	ND (0.001)	ND (0.0011)	ND (0.0011)	ND (0.00096)	ND (0.001)	-	-	ND (0.001)	ND (0.00085)	ND (0.0011)	ND (0.0012)	ND (0.0012)	ND (0.0013)	ND (0.0008)
Vinyl chloride	13	-	-	ND (0.001)	ND (0.0011)	ND (0.001)	ND (0.0011)	ND (0.0011)	ND (0.00096)	ND (0.001)	-	-	ND (0.001)	ND (0.00085)	ND (0.0011)	ND (0.0012)	ND (0.0012)	ND (0.0013)	ND (0.0008)
Xylene (Total)	500	-	-	ND (0.002)	ND (0.0021)	ND (0.002)	ND (0.0021)	ND (0.0022)	ND (0.0019)	ND (0.002)	-	-	ND (0.002)	ND (0.0017)	ND (0.0023)	ND (0.0024)	ND (0.0024)	ND (0.0026)	ND (0.0016)

TABLE 3
SUMMARY OF SOIL QUALITY DATA - BERM 3
FORMER PORT MOBIL TERMINAL
STATEN ISLAND, NEW YORK
FILE NO. 0208998

	Criteria																		
Location Name	NY Part 375	3C	3C	3C1	3C1	3C1	3C2	3C2	3C3	3C3	3D	3D	3D1	3D1	3D1	3D2	3D2	3D3	3D3
Sample Name	Commercial	3C_0-7	3C_7-14	3C1_1-2	3C1_5-6	3C1_10-11	3C2_2-3	3C2_7-8	3C3_4-5	3C3_9-10	3D_0-7	3D_7-14	3D1_1-2	3D1_6-7	3D1_11-12	3D2_3-4	3D2_7-8	3D3_5-6	3D3_9-10
Sample Date	Use	10/08/2025	10/08/2025	10/08/2025	10/08/2025	10/08/2025	10/08/2025	10/08/2025	10/08/2025	10/08/2025	10/08/2025	10/08/2025	10/08/2025	10/08/2025	10/08/2025	10/08/2025	10/08/2025	10/08/2025	10/08/2025
Lab Sample ID	Soil Cleanup	460-336761-17	460-336761-18	460-336761-77	460-336761-80	460-336761-83	460-336761-78	460-336761-81	460-336761-79	460-336761-82	460-336761-19	460-336761-20	460-336761-84	460-336761-87	460-336761-90	460-336761-85	460-336761-88	460-336761-86	460-336761-89
Sample Depth (bgs)	Objectives	0 - 7 (ft)	7 - 14 (ft)	1 - 2 (ft)	5 - 6 (ft)	10 - 11 (ft)	2 - 3 (ft)	7 - 8 (ft)	4 - 5 (ft)	9 - 10 (ft)	0 - 7 (ft)	7 - 14 (ft)	1 - 2 (ft)	6 - 7 (ft)	11 - 12 (ft)	3 - 4 (ft)	7 - 8 (ft)	5 - 6 (ft)	9 - 10 (ft)
Semi-Volatile Organic Compounds (mg/kg)																			
1,2,4,5-Tetrachlorobenzene	NA	ND (0.36)	ND (0.37)	-	-	-	-	-	-	-	ND (0.36)	ND (0.37)	-	-	-	-	-	-	-
1,4-Dioxane	130	ND (0.036)	ND (0.037)	-	-	-	-	-	-	-	ND (0.036)	ND (0.037)	-	-	-	-	-	-	-
2,2'-oxybis(1-Chloropropane)	NA	ND (0.36)	ND (0.37)	-	-	-	-	-	-	-	ND (0.36)	ND (0.37)	-	-	-	-	-	-	-
2,3,4,6-Tetrachlorophenol	NA	ND (0.36)	ND (0.37)	-	-	-	-	-	-	-	ND (0.36)	ND (0.37)	-	-	-	-	-	-	-
2,4,5-Trichlorophenol	NA	ND (0.36)	ND (0.37)	-	-	-	-	-	-	-	ND (0.36)	ND (0.37)	-	-	-	-	-	-	-
2,4,6-Trichlorophenol	NA	ND (0.15)	ND (0.15)	-	-	-	-	-	-	-	ND (0.14)	ND (0.15)	-	-	-	-	-	-	-
2,4-Dichlorophenol	NA	ND (0.15)	ND (0.15)	-	-	-	-	-	-	-	ND (0.14)	ND (0.15)	-	-	-	-	-	-	-
2,4-Dimethylphenol	NA	ND (0.36)	ND (0.37)	-	-	-	-	-	-	-	ND (0.36)	ND (0.37)	-	-	-	-	-	-	-
2,4-Dinitrophenol	NA	ND (0.29)	ND (0.3)	-	-	-	-	-	-	-	ND (0.29)	ND (0.3)	-	-	-	-	-	-	-
2,4-Dinitrotoluene	NA	ND (0.073)	ND (0.075)	-	-	-	-	-	-	-	ND (0.072)	ND (0.075)	-	-	-	-	-	-	-
2,6-Dinitrotoluene	NA	ND (0.073)	ND (0.075)	-	-	-	-	-	-	-	ND (0.072)	ND (0.075)	-	-	-	-	-	-	-
2-Chloronaphthalene	NA	ND (0.36)	ND (0.37)	-	-	-	-	-	-	-	ND (0.36)	ND (0.37)	-	-	-	-	-	-	-
2-Chlorophenol	NA	ND (0.36)	ND (0.37)	-	-	-	-	-	-	-	ND (0.36)	ND (0.37)	-	-	-	-	-	-	-
2-Methylnaphthalene	NA	ND (0.36)	ND (0.37)	-	-	-	-	-	-	-	0.014 J	ND (0.37)	-	-	-	-	-	-	-
2-Methylphenol (o-Cresol)	500	ND (0.36)	ND (0.37)	-	-	-	-	-	-	-	ND (0.36)	ND (0.37)	-	-	-	-	-	-	-
2-Nitroaniline	NA	ND (0.36)	ND (0.37)	-	-	-	-	-	-	-	ND (0.36)	ND (0.37)	-	-	-	-	-	-	-
2-Nitrophenol	NA	ND (0.36)	ND (0.37)	-	-	-	-	-	-	-	ND (0.36)	ND (0.37)	-	-	-	-	-	-	-
3&4-Methylphenol	NA	ND (0.36)	ND (0.37)	-	-	-	-	-	-	-	ND (0.36)	ND (0.37)	-	-	-	-	-	-	-
3,3'-Dichlorobenzidine	NA	ND (0.15)	ND (0.15)	-	-	-	-	-	-	-	ND (0.14)	ND (0.15)	-	-	-	-	-	-	-
3-Nitroaniline	NA	ND (0.36)	ND (0.37)	-	-	-	-	-	-	-	ND (0.36)	ND (0.37)	-	-	-	-	-	-	-
4,6-Dinitro-2-methylphenol	NA	ND (0.29)	ND (0.3)	-	-	-	-	-	-	-	ND (0.29)	ND (0.3)	-	-	-	-	-	-	-
4-Bromophenyl phenyl ether (BDE-3)	NA	ND (0.36)	ND (0.37)	-	-	-	-	-	-	-	ND (0.36)	ND (0.37)	-	-	-	-	-	-	-
4-Chloro-3-methylphenol	NA	ND (0.36)	ND (0.37)	-	-	-	-	-	-	-	ND (0.36)	ND (0.37)	-	-	-	-	-	-	-
4-Chloroaniline	NA	ND (0.36)	ND (0.37)	-	-	-	-	-	-	-	ND (0.36)	ND (0.37)	-	-	-	-	-	-	-
4-Chlorophenyl phenyl ether	NA	ND (0.36)	ND (0.37)	-	-	-	-	-	-	-	ND (0.36)	ND (0.37)	-	-	-	-	-	-	-
4-Methylphenol	500	ND (0.36)	ND (0.37)	-	-	-	-	-	-	-	ND (0.36)	ND (0.37)	-	-	-	-	-	-	-
4-Nitroaniline	NA	ND (0.36)	ND (0.37)	-	-	-	-	-	-	-	ND (0.36)	ND (0.37)	-	-	-	-	-	-	-
4-Nitrophenol	NA	ND (0.73)	ND (0.75)	-	-	-	-	-	-	-	ND (0.72)	ND (0.75)	-	-	-	-	-	-	-
Acenaphthene	500	ND (0.36)	ND (0.37)	-	-	-	-	-	-	-	ND (0.36)	ND (0.37)	-	-	-	-	-	-	-
Acenaphthylene	500	ND (0.36)	ND (0.37)	-	-	-	-	-	-	-	ND (0.36)	0.012 J	-	-	-	-	-	-	-
Acetophenone	NA	ND (0.36)	ND (0.37)	-	-	-	-	-	-	-	ND (0.36)	ND (0.37)	-	-	-	-	-	-	-
Anthracene	500	ND (0.36)	ND (0.37)	-	-	-	-	-	-	-	ND (0.36)	0.012 J	-	-	-	-	-	-	-
Atrazine	NA	ND (0.15)	ND (0.15)	-	-	-	-	-	-	-	ND (0.14)	ND (0.15)	-	-	-	-	-	-	-
Benzaldehyde	NA	ND (0.36)	ND (0.37)	-	-	-	-	-	-	-	ND (0.36)	ND (0.37)	-	-	-	-	-	-	-
Benzo(a)anthracene	5.6	ND (0.036)	ND (0.037)	-	-	-	-	-	-	-	ND (0.036)	ND (0.037)	-	-	-	-	-	-	-
Benzo(a)pyrene	1	ND (0.036)	0.01 J	-	-	-	-	-	-	-	ND (0.036)	0.018 J	-	-	-	-	-	-	-
Benzo(b)fluoranthene	5.6	ND (0.036)	0.012 J	-	-	-	-	-	-	-	0.014 J	0.028 J	-	-	-	-	-	-	-
Benzo(g,h,i)perylene	500	ND (0.36)	ND (0.37)	-	-	-	-	-	-	-	ND (0.36)	0.018 J	-	-	-	-	-	-	-
Benzo(k)fluoranthene	56	ND (0.036)	ND (0.037)	-	-	-	-	-	-	-	ND (0.036)	0.0077 J	-	-	-	-	-	-	-
Biphenyl	NA	ND (0.36)	ND (0.37)	-	-	-	-	-	-	-	ND (0.36)	ND (0.37)	-	-	-	-	-	-	-
bis(2-Chloroethoxy)methane	NA	ND (0.36)	ND (0.37)	-	-	-	-	-	-	-	ND (0.36)	ND (0.37)	-	-	-	-	-	-	-
bis(2-Chloroethyl)ether	NA	ND (0.036)	ND (0.037)	-	-	-	-	-	-	-	ND (0.036)	ND (0.037)	-	-	-	-	-	-	-
bis(2-Ethylhexyl)phthalate	NA	ND (0.36)	ND (0.37)	-	-	-	-	-	-	-	ND (0.36)	ND (0.37)	-	-	-	-	-	-	-
Butyl benzylphthalate (BBP)	NA	ND (0.36)	ND (0.37)	-	-	-	-	-	-	-	ND (0.36)	ND (0.37)	-	-	-	-	-	-	-
Caprolactam	NA	ND (0.36)	ND (0.37)	-	-	-	-	-	-	-	ND (0.36)	ND (0.37)	-	-	-	-	-	-	-
Carbazole	NA	ND (0.36)	ND (0.37)	-	-	-	-	-	-	-	ND (0.36)	ND (0.37)	-	-	-	-	-	-	-
Chrysene	56	ND (0.36)	ND (0.37)	-	-	-	-	-	-	-	0.015 J	0.022 J	-	-	-	-	-	-	-
Dibenz(a,h)anthracene	0.56	ND (0.036)	ND (0.037)	-	-	-	-	-	-	-	ND (0.036)	ND (0.037)	-	-	-	-	-	-	-
Dibenzofuran	350	ND (0.36)	ND (0.37)	-	-	-	-	-	-	-	ND (0.36)	ND (0.37)	-	-	-	-	-	-	-
Diethyl phthalate	NA	ND (0.36)	ND (0.37)	-	-	-	-	-	-	-	ND (0.36)	ND (0.37)	-	-	-	-	-	-	-
Dimethyl phthalate	NA	ND (0.36)	ND (0.37)	-	-	-	-	-	-	-	ND (0.36)	ND (0.37)	-	-	-	-	-	-	-
Di-n-butylphthalate (DBP)	NA	0.25 J	0.077 J	-	-	-	-	-	-	-	ND (0.36)	ND (0.37)	-	-	-	-	-	-	-
Di-n-octyl phthalate (DnOP)	NA	ND (0.36)	ND (0.37)	-	-	-	-	-	-	-	ND (0.36)	ND (0.37)	-	-	-	-	-	-	-
Fluoranthene	500	ND (0.36)	0.014 J	-	-	-	-	-	-	-	0.017 J	0.028 J	-	-	-	-	-	-	-
Fluorene	500	ND (0.36)	ND (0.37)	-	-	-	-	-	-	-	ND (0.36)	ND (0.37)	-	-	-	-	-	-	-
Hexachlorobenzene	6	ND (0.036)	ND (0.037)	-	-	-	-	-	-	-	ND (0.036)	ND (0.037)	-	-	-	-	-	-	-
Hexachlorobutadiene	NA	ND (0.073)	ND (0.075)	-	-	-	-	-	-	-	ND (0.072)	ND (0.075)	-	-	-	-	-	-	-
Hexachlorocyclopentadiene	NA	ND (0.36)	ND (0.37)	-	-	-	-	-	-	-	ND (0.36)	ND (0.37)	-	-	-	-	-	-	-
Hexachloroethane	NA	ND (0.036)	ND (0.037)	-	-	-	-	-	-	-	ND (0.036)	ND (0.037)	-	-	-	-	-	-	-
Indeno(1,2,3-cd)pyrene	5.6	ND (0.036)	ND (0.037)	-	-	-	-	-	-	-	ND (0.036)	0.018 J	-	-	-	-	-	-	-
Isophorone	NA	ND (0.15)	ND (0.15)	-	-	-	-	-	-	-	ND (0.14)	ND (0.15)	-	-	-	-	-	-	-
Naphthalene	500	0.0063 J	ND (0.37)	-	-	-	-	-	-	-	0.056 J	0.0087 J	-	-	-	-	-	-	-
Nitrobenzene	NA	ND (0.036)	ND (0.037)	-	-	-	-	-	-	-	ND (0.036)	ND (0.037)	-	-	-	-	-	-	-
N-Nitrosodi-n-propylamine	NA	ND (0.036)	ND (0.037)	-	-	-	-	-	-	-	ND (0.036)	ND (0.037)	-	-	-	-	-	-	-
N-Nitrosodiphenylamine	NA	ND (0.36)	ND (0.37)	-	-	-	-	-	-	-	ND (0.36)	ND (0.37)	-	-	-	-	-	-	-
Pentachlorophenol	6.7	ND (0.29)	ND (0.3)	-	-	-	-	-	-	-	ND (0.29)	ND (0.3)	-	-	-	-	-	-	-
Phenanthrene	500	ND (0.36)	ND (0.37)	-	-	-	-	-	-	-	0.031 J	0.027 J	-	-	-	-	-	-	-
Phenol	500	ND (0.36)	ND (0.37)	-	-	-	-	-	-	-	ND (0.36)	ND (0.37)	-	-	-	-	-	-	-
Pyrene	500	ND (0.36)	0.013 J	-	-	-	-	-	-	-	0.017 J	0.024 J	-	-	-	-	-	-	-

TABLE 3
SUMMARY OF SOIL QUALITY DATA - BERM 3
FORMER PORT MOBIL TERMINAL
STATEN ISLAND, NEW YORK
FILE NO. 0208998

	Criteria																		
Location Name	NY Part 375	3C	3C	3C1	3C1	3C1	3C2	3C2	3C3	3C3	3D	3D	3D1	3D1	3D1	3D2	3D2	3D3	3D3
Sample Name	Commercial	3C_0-7	3C_7-14	3C1_1-2	3C1_5-6	3C1_10-11	3C2_2-3	3C2_7-8	3C3_4-5	3C3_9-10	3D_0-7	3D_7-14	3D1_1-2	3D1_6-7	3D1_11-12	3D2_3-4	3D2_7-8	3D3_5-6	3D3_9-10
Sample Date	Use	10/08/2025	10/08/2025	10/08/2025	10/08/2025	10/08/2025	10/08/2025	10/08/2025	10/08/2025	10/08/2025	10/08/2025	10/08/2025	10/08/2025	10/08/2025	10/08/2025	10/08/2025	10/08/2025	10/08/2025	10/08/2025
Lab Sample ID	Soil Cleanup	460-336761-17	460-336761-18	460-336761-77	460-336761-80	460-336761-83	460-336761-78	460-336761-81	460-336761-79	460-336761-82	460-336761-19	460-336761-20	460-336761-84	460-336761-87	460-336761-90	460-336761-85	460-336761-88	460-336761-86	460-336761-89
Sample Depth (bgs)	Objectives	0 - 7 (ft)	7 - 14 (ft)	1 - 2 (ft)	5 - 6 (ft)	10 - 11 (ft)	2 - 3 (ft)	7 - 8 (ft)	4 - 5 (ft)	9 - 10 (ft)	0 - 7 (ft)	7 - 14 (ft)	1 - 2 (ft)	6 - 7 (ft)	11 - 12 (ft)	3 - 4 (ft)	7 - 8 (ft)	5 - 6 (ft)	9 - 10 (ft)
PFAS (mg/kg)																			
11-Chloroeicosafluoro-3-Oxaundecane-1-Sulfonic Acid (11Cl-PF3OUdS)	NA	ND (0.0002)	ND (0.0002)	-	-	-	-	-	-	-	ND (0.0002)	ND (0.0002)	-	-	-	-	-	-	-
2H,2H,3H,3H-Perfluorooctanoic acid (5:3 FTCA)	NA	ND (0.00099)	ND (0.001)	-	-	-	-	-	-	-	ND (0.00099)	ND (0.001)	-	-	-	-	-	-	-
3-(Perfluoroheptyl)propanoic acid (7:3 FTCA)	NA	ND (0.00099)	ND (0.001)	-	-	-	-	-	-	-	ND (0.00099)	ND (0.001)	-	-	-	-	-	-	-
3:3 Fluorotelomer carboxylic acid (3:3 FTCA)	NA	ND (0.0004)	ND (0.0004)	-	-	-	-	-	-	-	ND (0.00039)	ND (0.0004)	-	-	-	-	-	-	-
4,8-Dioxa-3H-Perfluorononanoic Acid (ADONA)	NA	ND (0.0002)	ND (0.0002)	-	-	-	-	-	-	-	ND (0.0002)	ND (0.0002)	-	-	-	-	-	-	-
4:2 Fluorotelomer sulfonic acid (4:2 FTS)	NA	ND (0.0004)	ND (0.0004)	-	-	-	-	-	-	-	ND (0.00039)	ND (0.0004)	-	-	-	-	-	-	-
6:2 Fluorotelomer sulfonic acid (6:2 FTS)	NA	0.00069	0.00037 J	-	-	-	-	-	-	-	ND (0.00039)	ND (0.0004)	-	-	-	-	-	-	-
8:2 Fluorotelomer sulfonic acid (8:2 FTS)	NA	0.00284	0.00149	-	-	-	-	-	-	-	ND (0.00039)	ND (0.0004)	-	-	-	-	-	-	-
9-Chlorohexadecafluoro-3-Oxanone-1-Sulfonic Acid (9Cl-PF3ONS)	NA	ND (0.0002)	ND (0.0002)	-	-	-	-	-	-	-	ND (0.0002)	ND (0.0002)	-	-	-	-	-	-	-
N-Ethyl Perfluorooctanesulfonamidoacetic Acid (NEtFOSAA)	NA	ND (0.0002)	ND (0.0002)	-	-	-	-	-	-	-	ND (0.0002)	ND (0.0002)	-	-	-	-	-	-	-
N-Ethylperfluorooctane sulfonamide (N-EtFOSA)	NA	ND (0.0002)	ND (0.0002)	-	-	-	-	-	-	-	ND (0.0002)	ND (0.0002)	-	-	-	-	-	-	-
N-Ethylperfluorooctane sulfonamidoethanol (N-EtFOSE)	NA	ND (0.00099)	ND (0.001)	-	-	-	-	-	-	-	ND (0.00099)	ND (0.001)	-	-	-	-	-	-	-
N-Methyl Perfluorooctanesulfonamidoacetic Acid (NMeFOSAA)	NA	ND (0.0002)	ND (0.0002)	-	-	-	-	-	-	-	ND (0.0002)	ND (0.0002)	-	-	-	-	-	-	-
N-Methylperfluorooctane sulfonamide (N-MeFOSA)	NA	ND (0.0002)	ND (0.0002)	-	-	-	-	-	-	-	ND (0.0002)	ND (0.0002)	-	-	-	-	-	-	-
N-Methylperfluorooctane sulfonamidoethanol (N-MeFOSE)	NA	ND (0.00099)	ND (0.001)	-	-	-	-	-	-	-	ND (0.00099)	ND (0.001)	-	-	-	-	-	-	-
Nonafluoro-3,6-dioxaheptanoic acid (NFDHA)	NA	ND (0.0002)	ND (0.0002)	-	-	-	-	-	-	-	ND (0.0002)	ND (0.0002)	-	-	-	-	-	-	-
Perfluoro(2-ethoxyethane) sulphonic acid (PFEESA)	NA	ND (0.0002)	ND (0.0002)	-	-	-	-	-	-	-	ND (0.0002)	ND (0.0002)	-	-	-	-	-	-	-
Perfluoro(4-methoxybutanoic) acid (PFMBA)	NA	ND (0.0002)	ND (0.0002)	-	-	-	-	-	-	-	ND (0.0002)	ND (0.0002)	-	-	-	-	-	-	-
Perfluoro-2-propoxypropanoic acid (PFPrOPrA)(GenX) (HFPO-DA)	NA	ND (0.0002)	ND (0.0002)	-	-	-	-	-	-	-	ND (0.0002)	ND (0.0002)	-	-	-	-	-	-	-
Perfluoro-3-methoxypropanoic acid (PFMPA)	NA	ND (0.0002)	ND (0.0002)	-	-	-	-	-	-	-	ND (0.0002)	ND (0.0002)	-	-	-	-	-	-	-
Perfluorobutanesulfonic acid (PFBS)	NA	ND (0.0002)	ND (0.0002)	-	-	-	-	-	-	-	ND (0.0002)	ND (0.0002)	-	-	-	-	-	-	-
Perfluorobutanoic acid (PFBA)	NA	ND (0.0004)	ND (0.0004)	-	-	-	-	-	-	-	ND (0.00039)	ND (0.0004)	-	-	-	-	-	-	-
Perfluorodecanesulfonic acid (PFDS)	NA	ND (0.0002)	ND (0.0002)	-	-	-	-	-	-	-	ND (0.0002)	ND (0.0002)	-	-	-	-	-	-	-
Perfluorodecanoic acid (PFDA)	NA	0.00334	0.00073	-	-	-	-	-	-	-	0.000099 J	0.00013 J	-	-	-	-	-	-	-
Perfluorododecane sulfonic acid (PFDoDS)	NA	ND (0.0002)	ND (0.0002)	-	-	-	-	-	-	-	ND (0.0002)	ND (0.0002)	-	-	-	-	-	-	-
Perfluorododecanoic acid (PFDoDA)	NA	0.00209	0.00102	-	-	-	-	-	-	-	ND (0.0002)	0.00019 J	-	-	-	-	-	-	-
Perfluoroheptanesulfonic acid (PFHpS)	NA	ND (0.0002)	ND (0.0002)	-	-	-	-	-	-	-	ND (0.0002)	ND (0.0002)	-	-	-	-	-	-	-
Perfluoroheptanoic acid (PFHpA)	NA	0.00025	ND (0.0002)	-	-	-	-	-	-	-	ND (0.0002)	ND (0.0002)	-	-	-	-	-	-	-
Perfluorohexanesulfonic acid (PFHxS)	NA	ND (0.0002)	ND (0.0002)	-	-	-	-	-	-	-	ND (0.0002)	ND (0.0002)	-	-	-	-	-	-	-
Perfluorohexanoic acid (PFHxA)	NA	0.00013 J	0.0001 J	-	-	-	-	-	-	-	ND (0.0002)	ND (0.0002)	-	-	-	-	-	-	-
Perfluorononane sulfonic acid (PFNS)	NA	ND (0.0002)	ND (0.0002)	-	-	-	-	-	-	-	ND (0.0002)	ND (0.0002)	-	-	-	-	-	-	-
Perfluorononanoic acid (PFNA)	NA	0.00157	0.00054	-	-	-	-	-	-	-	0.00036	0.00049	-	-	-	-	-	-	-
Perfluorooctane sulfonamide (PFOSA)	NA	ND (0.0002)	ND (0.0002)	-	-	-	-	-	-	-	ND (0.0002)	ND (0.0002)	-	-	-	-	-	-	-
Perfluorooctanesulfonic acid (PFOS)	0.44	ND (0.0002)	ND (0.0002)	-	-	-	-	-	-	-	ND (0.0002)	ND (0.0002)	-	-	-	-	-	-	-
Perfluorooctanoic acid (PFOA)	0.5	0.0006	0.00016 J	-	-	-	-	-	-	-	0.00022	0.000077 J	-	-	-	-	-	-	-
Perfluoropentanesulfonic acid (PFPeS)	NA	ND (0.0002)	ND (0.0002)	-	-	-	-	-	-	-	ND (0.0002)	ND (0.0002)	-	-	-	-	-	-	-
Perfluoropentanoic acid (PFPeA)	NA	0.00018 J	0.00012 J	-	-	-	-	-	-	-	ND (0.0002)	ND (0.0002)	-	-	-	-	-	-	-
Perfluorotetradecanoic acid (PFTeDA)	NA	0.00047	0.00024	-	-	-	-	-	-	-	ND (0.0002)	ND (0.0002)	-	-	-	-	-	-	-
Perfluorotridecanoic acid (PFTrDA)	NA	0.0125	0.00689	-	-	-	-	-	-	-	0.0002	0.00131	-	-	-	-	-	-	-
Perfluoroundecanoic acid (PFUnDA)	NA	0.0119	0.00608	-	-	-	-	-	-	-	0.00031	0.00103	-	-	-	-	-	-	-
Pesticides (mg/kg)																			
4,4'-DDD	92	ND (0.0073)	ND (0.0075)	-	-	-	-	-	-	-	ND (0.0073)	ND (0.0076)	-	-	-	-	-	-	-
4,4'-DDE	62	ND (0.0073)	ND (0.0075)	-	-	-	-	-	-	-	ND (0.0073)	ND (0.0076)	-	-	-	-	-	-	-
4,4'-DDT	47	ND (0.0073)	ND (0.0075)	-	-	-	-	-	-	-	ND (0.0073)	ND (0.0076)	-	-	-	-	-	-	-
Aldrin	0.68	ND (0.0073)	ND (0.0075)	-	-	-	-	-	-	-	ND (0.0073)	ND (0.0076)	-	-	-	-	-	-	-
alpha-BHC	3.4	ND (0.0022)	ND (0.0022)	-	-	-	-	-	-	-	ND (0.0022)	ND (0.0023)	-	-	-	-	-	-	-
alpha-Chlordane (cis)	24	ND (0.0073)	ND (0.0075)	-	-	-	-	-	-	-	ND (0.0073)	ND (0.0076)	-	-	-	-	-	-	-
beta-BHC	3	ND (0.0022)	ND (0.0022)	-	-	-	-	-	-	-	ND (0.0022)	ND (0.0023)	-	-	-	-	-	-	-
Chlordane	NA	ND (0.073)	ND (0.075)	-	-	-	-	-	-	-	ND (0.073)	ND (0.076)	-	-	-	-	-	-	-
delta-BHC	500	ND (0.0022)	ND (0.0022)	-	-	-	-	-	-	-	ND (0.0022)	ND (0.0023)	-	-	-	-	-	-	-
Dieldrin	1.4	ND (0.0022)	ND (0.0022)	-	-	-	-	-	-	-	ND (0.0022)	ND (0.0023)	-	-	-	-	-	-	-
Endosulfan I	200	ND (0.0073)	ND (0.0075)	-	-	-	-	-	-	-	ND (0.0073)	ND (0.0076)	-	-	-	-	-	-	-
Endosulfan II	200	ND (0.0073)	ND (0.0075)	-	-	-	-	-	-	-	ND (0.0073)	ND (0.0076)	-	-	-	-	-	-	-
Endosulfan sulfate	200	ND (0.0073)	ND (0.0075)	-	-	-	-	-	-	-	ND (0.0073)	ND (0.0076)	-	-	-	-	-	-	-
Endrin	89	ND (0.0073)	ND (0.0075)	-	-	-	-	-	-	-	ND (0.0073)	ND (0.0076)	-	-	-	-	-	-	-
Endrin aldehyde	NA	ND (0.0073)	ND (0.0075)	-	-	-	-	-	-	-	ND (0.0073)	ND (0.0076)	-	-	-	-	-	-	-
Endrin ketone	NA	ND (0.0073)	ND (0.0075)	-	-	-	-	-	-	-	ND (0.0073)	ND (0.0076)	-	-	-	-	-	-	-
gamma-BHC (Lindane)	9.2	ND (0.0022)	ND (0.0022)	-	-	-	-	-	-	-	ND (0.0022)	ND (0.0023)	-	-	-	-	-	-	-
Heptachlor	15	ND (0.0073)	ND (0.0075)	-	-	-	-	-	-	-	ND (0.0073)	ND (0.0076)	-	-	-	-	-	-	-
Heptachlor epoxide	NA	ND (0.0073)	ND (0.0075)	-	-	-	-	-	-	-	ND (0.0073)	ND (0.0076)	-	-	-	-	-	-	-
Methoxychlor	NA	ND (0.0073)	ND (0.0075)	-	-	-	-	-	-	-	ND (0.0073)	ND (0.0076)	-	-	-	-	-	-	-
Toxaphene	NA	ND (0.073)	ND (0.075)	-	-	-	-	-	-	-	ND (0.073)	ND (0.076)	-	-	-	-	-	-	-

TABLE 3
SUMMARY OF SOIL QUALITY DATA - BERM 3
FORMER PORT MOBIL TERMINAL
STATEN ISLAND, NEW YORK
FILE NO. 0208998

	Criteria																		
Location Name	NY Part 375	3C	3C	3C1	3C1	3C1	3C2	3C2	3C3	3C3	3D	3D	3D1	3D1	3D1	3D2	3D2	3D3	3D3
Sample Name	Commercial	3C_0-7	3C_7-14	3C1_1-2	3C1_5-6	3C1_10-11	3C2_2-3	3C2_7-8	3C3_4-5	3C3_9-10	3D_0-7	3D_7-14	3D1_1-2	3D1_6-7	3D1_11-12	3D2_3-4	3D2_7-8	3D3_5-6	3D3_9-10
Sample Date	Use	10/08/2025	10/08/2025	10/08/2025	10/08/2025	10/08/2025	10/08/2025	10/08/2025	10/08/2025	10/08/2025	10/08/2025	10/08/2025	10/08/2025	10/08/2025	10/08/2025	10/08/2025	10/08/2025	10/08/2025	10/08/2025
Lab Sample ID	Soil Cleanup	460-336761-17	460-336761-18	460-336761-77	460-336761-80	460-336761-83	460-336761-78	460-336761-81	460-336761-79	460-336761-82	460-336761-19	460-336761-20	460-336761-84	460-336761-87	460-336761-90	460-336761-85	460-336761-88	460-336761-86	460-336761-89
Sample Depth (bgs)	Objectives	0 - 7 (ft)	7 - 14 (ft)	1 - 2 (ft)	5 - 6 (ft)	10 - 11 (ft)	2 - 3 (ft)	7 - 8 (ft)	4 - 5 (ft)	9 - 10 (ft)	0 - 7 (ft)	7 - 14 (ft)	1 - 2 (ft)	6 - 7 (ft)	11 - 12 (ft)	3 - 4 (ft)	7 - 8 (ft)	5 - 6 (ft)	9 - 10 (ft)
Polychlorinated Biphenyls (mg/kg)																			
Aroclor-1016 (PCB-1016)	NA	ND (0.073)	ND (0.075)	-	-	-	-	-	-	-	ND (0.073)	ND (0.076)	-	-	-	-	-	-	-
Aroclor-1221 (PCB-1221)	NA	ND (0.073)	ND (0.075)	-	-	-	-	-	-	-	ND (0.073)	ND (0.076)	-	-	-	-	-	-	-
Aroclor-1232 (PCB-1232)	NA	ND (0.073)	ND (0.075)	-	-	-	-	-	-	-	ND (0.073)	ND (0.076)	-	-	-	-	-	-	-
Aroclor-1242 (PCB-1242)	NA	ND (0.073)	ND (0.075)	-	-	-	-	-	-	-	ND (0.073)	ND (0.076)	-	-	-	-	-	-	-
Aroclor-1248 (PCB-1248)	NA	ND (0.073)	ND (0.075)	-	-	-	-	-	-	-	ND (0.073)	ND (0.076)	-	-	-	-	-	-	-
Aroclor-1254 (PCB-1254)	NA	ND (0.073)	ND (0.075)	-	-	-	-	-	-	-	ND (0.073)	ND (0.076)	-	-	-	-	-	-	-
Aroclor-1260 (PCB-1260)	NA	ND (0.073)	ND (0.075)	-	-	-	-	-	-	-	ND (0.073)	ND (0.076)	-	-	-	-	-	-	-
Aroclor-1262 (PCB-1262)	NA	ND (0.073)	ND (0.075)	-	-	-	-	-	-	-	ND (0.073)	ND (0.076)	-	-	-	-	-	-	-
Aroclor-1268 (PCB-1268)	NA	ND (0.073)	ND (0.075)	-	-	-	-	-	-	-	ND (0.073)	ND (0.076)	-	-	-	-	-	-	-
Total PCBs	1	ND (0.073)	ND (0.075)	-	-	-	-	-	-	-	ND (0.073)	ND (0.076)	-	-	-	-	-	-	-
Inorganic Compounds (mg/kg)																			
Aluminum	NA	10700	10600	-	-	-	-	-	-	-	3170	4910	-	-	-	-	-	-	-
Antimony	NA	1.2	0.97 J	-	-	-	-	-	-	-	2.3	1.2	-	-	-	-	-	-	-
Arsenic	16	7	6.5	-	-	-	-	-	-	-	11.9	8.1	-	-	-	-	-	-	-
Barium	400	111	90.4	-	-	-	-	-	-	-	24.1	34	-	-	-	-	-	-	-
Beryllium	590	4.7	1.8	-	-	-	-	-	-	-	0.29 J	0.4 J	-	-	-	-	-	-	-
Cadmium	9.3	0.41 J	0.26 J	-	-	-	-	-	-	-	ND (0.97)	0.2 J	-	-	-	-	-	-	-
Calcium	NA	1990	1750	-	-	-	-	-	-	-	478	973	-	-	-	-	-	-	-
Chromium	NA	59.2	36.5	-	-	-	-	-	-	-	9	14.8	-	-	-	-	-	-	-
Cobalt	NA	14.5	11.6	-	-	-	-	-	-	-	2.4	4.6	-	-	-	-	-	-	-
Copper	270	150	99.1	-	-	-	-	-	-	-	29.4	34	-	-	-	-	-	-	-
Iron	NA	27000	23800	-	-	-	-	-	-	-	12400	16300	-	-	-	-	-	-	-
Lead	1000	396	348	-	-	-	-	-	-	-	54.4	116	-	-	-	-	-	-	-
Magnesium	NA	2180	3390	-	-	-	-	-	-	-	777	1230	-	-	-	-	-	-	-
Manganese	10000	263	274	-	-	-	-	-	-	-	77.7	118	-	-	-	-	-	-	-
Mercury	2.8	0.058	0.028	-	-	-	-	-	-	-	0.066	0.027	-	-	-	-	-	-	-
Nickel	310	68.4	58.9	-	-	-	-	-	-	-	4.7	12.7	-	-	-	-	-	-	-
Potassium	NA	1310	1320	-	-	-	-	-	-	-	565	737	-	-	-	-	-	-	-
Selenium	1500	0.57 J	0.42 J	-	-	-	-	-	-	-	0.61 J	0.39 J	-	-	-	-	-	-	-
Silver	1500	0.31 J	0.3 J	-	-	-	-	-	-	-	0.35 J	0.24 J	-	-	-	-	-	-	-
Sodium	NA	197	166	-	-	-	-	-	-	-	ND (96.8)	61.2 J	-	-	-	-	-	-	-
Thallium	NA	0.12 J	0.13 J	-	-	-	-	-	-	-	0.081 J	0.07 J	-	-	-	-	-	-	-
Vanadium	NA	28	28.2	-	-	-	-	-	-	-	15.5	21	-	-	-	-	-	-	-
Zinc	10000	575	331	-	-	-	-	-	-	-	25.8	94	-	-	-	-	-	-	-

ABBREVIATIONS AND NOTES:

mg/kg: milligram per kilogram

**: LCS or LCSD is outside acceptance limits.*
-: Not Analyzed
B: Compound was found in the blank and the associated sample.
bgs: below ground surface
ft: feet
J: Value is estimated.
NA: Not Applicable
ND (2.5): Not detected, number in parentheses is the laboratory reporting limit

- For test methods used, see the laboratory data sheets.
- Soil analytical results are compared to the New York State Department of Environmental Conservation (NYSDEC) Title 6 of the Official Compilation of New York Codes, Rules, and Regulations (NYCRR) Part 375 Commercial Use Soil Cleanup Objectives (SCO).
- Grey shading indicates an exceedance of the Commercial Use Soil Cleanup Objectives.

TABLE 3
SUMMARY OF SOIL QUALITY DATA - BERM 3
FORMER PORT MOBIL TERMINAL
STATEN ISLAND, NEW YORK
FILE NO. 0208998

	Criteria																		
Location Name	NY Part 375	3E	3E	3E	3E	3E	3E	3E	3E	3E	3E	3F	3F	3F1	3F1	3F2	3F2	3F2	3F3	3F3
Sample Name	Commercial	3E_0-7	3E_7-14	3E1_2-3	3E1_8-9	3E2_4-5	3E2_7-8	3E3_6-7	3E3_11-12	3E3_13-14	3F_0-7	3F_7-14	3F1_3-4	3F1_5-6	3F2_1-2	3F2_11-12	3F2_12-13	3F3_6-7	3F3_7-8
Sample Date	Use	10/09/2025	10/09/2025	10/09/2025	10/09/2025	10/09/2025	10/09/2025	10/09/2025	10/09/2025	10/09/2025	10/09/2025	10/09/2025	10/09/2025	10/09/2025	10/09/2025	10/09/2025	10/09/2025	10/09/2025	10/09/2025
Lab Sample ID	Soil Cleanup	460-336881-11	460-336881-12	460-336881-31	460-336881-34	460-336881-32	460-336881-35	460-336881-33	460-336881-36	460-336881-37	460-336881-13	460-336881-14	460-336881-24	460-336881-27	460-336881-25	460-336881-28	460-336881-30	460-336881-26	460-336881-29
Sample Depth (bgs)	Objectives	0 - 7 (ft)	7 - 14 (ft)	2 - 3 (ft)	8 - 9 (ft)	4 - 5 (ft)	7 - 8 (ft)	6 - 7 (ft)	11 - 12 (ft)	13 - 14 (ft)	0 - 7 (ft)	7 - 14 (ft)	3 - 4 (ft)	5 - 6 (ft)	1 - 2 (ft)	11 - 12 (ft)	12 - 13 (ft)	6 - 7 (ft)	7 - 8 (ft)
Volatile Organic Compounds (mg/kg)																			
1,1,1-Trichloroethane	500	-	-	ND (0.00097)	ND (0.00096)	ND (0.00091)	ND (0.00098)	ND (0.0013)	ND (0.0009)	ND (0.0011)	-	-	ND (0.0012)	ND (0.00095)	ND (0.00089)	ND (0.00093)	ND (0.00093)	ND (0.0026)	ND (0.00086)
1,1,2,2-Tetrachloroethane	NA	-	-	ND (0.00097)	ND (0.00096)	ND (0.00091)	ND (0.00098)	ND (0.0013)	ND (0.0009)	ND (0.0011)	-	-	ND (0.0012)	ND (0.00095)	ND (0.00089)	ND (0.00093)	ND (0.00093)	ND (0.0026)	ND (0.00086)
1,1,2-Trichloroethane	NA	-	-	ND (0.00097)	ND (0.00096)	ND (0.00091)	ND (0.00098)	ND (0.0013)	ND (0.0009)	ND (0.0011)	-	-	ND (0.0012)	ND (0.00095)	ND (0.00089)	ND (0.00093)	ND (0.00093)	ND (0.0026)	ND (0.00086)
1,1-Dichloroethane	240	-	-	ND (0.00097)	ND (0.00096)	ND (0.00091)	ND (0.00098)	ND (0.0013)	ND (0.0009)	ND (0.0011)	-	-	ND (0.0012)	ND (0.00095)	ND (0.00089)	ND (0.00093)	ND (0.00093)	ND (0.0026)	ND (0.00086)
1,1-Dichloroethene	500	-	-	ND (0.00097)	ND (0.00096)	ND (0.00091)	ND (0.00098)	ND (0.0013)	ND (0.0009)	ND (0.0011)	-	-	ND (0.0012)	ND (0.00095)	ND (0.00089)	ND (0.00093)	ND (0.00093)	ND (0.0026)	ND (0.00086)
1,2,3-Trichlorobenzene	NA	-	-	ND (0.00097)	ND (0.00096)	ND (0.00091)	ND (0.00098)	ND (0.0013)	ND (0.0009)	ND (0.0011)	-	-	ND (0.0012)	ND (0.00095)	ND (0.00089)	ND (0.00093)	ND (0.00093)	ND (0.0026)	ND (0.00086)
1,2,4-Trichlorobenzene	NA	-	-	ND (0.00097)	ND (0.00096)	ND (0.00091)	ND (0.00098)	ND (0.0013)	ND (0.0009)	ND (0.0011)	-	-	ND (0.0012)	ND (0.00095)	ND (0.00089)	ND (0.00093)	ND (0.00093)	ND (0.0026)	ND (0.00086)
1,2,4-Trimethylbenzene	190	-	-	ND (0.00097)	ND (0.00096)	ND (0.00091)	ND (0.00098)	ND (0.0013)	ND (0.0009)	ND (0.0011)	-	-	ND (0.0012)	ND (0.00095)	ND (0.00089)	ND (0.00093)	ND (0.00093)	ND (0.0026)	ND (0.00086)
1,2-Dibromo-3-chloropropane (DBCP)	NA	-	-	ND (0.00097)	ND (0.00096)	ND (0.00091)	ND (0.00098)	ND (0.0013)	ND (0.0009)	ND (0.0011)	-	-	ND (0.0012)	ND (0.00095)	ND (0.00089)	ND (0.00093)	ND (0.00093)	ND (0.0026)	ND (0.00086)
1,2-Dibromoethane (Ethylene Dibromide)	NA	-	-	ND (0.00097)	ND (0.00096)	ND (0.00091)	ND (0.00098)	ND (0.0013)	ND (0.0009)	ND (0.0011)	-	-	ND (0.0012)	ND (0.00095)	ND (0.00089)	ND (0.00093)	ND (0.00093)	ND (0.0026)	ND (0.00086)
1,2-Dichlorobenzene	500	-	-	ND (0.00097)	ND (0.00096)	ND (0.00091)	ND (0.00098)	ND (0.0013)	ND (0.0009)	ND (0.0011)	-	-	ND (0.0012)	ND (0.00095)	ND (0.00089)	ND (0.00093)	ND (0.00093)	ND (0.0026)	ND (0.00086)
1,2-Dichloroethane	30	-	-	ND (0.00097)	ND (0.00096)	ND (0.00091)	ND (0.00098)	ND (0.0013)	ND (0.0009)	ND (0.0011)	-	-	ND (0.0012)	ND (0.00095)	ND (0.00089)	ND (0.00093)	ND (0.00093)	ND (0.0026)	ND (0.00086)
1,2-Dichloropropane	NA	-	-	ND (0.00097)	ND (0.00096)	ND (0.00091)	ND (0.00098)	ND (0.0013)	ND (0.0009)	ND (0.0011)	-	-	ND (0.0012)	ND (0.00095)	ND (0.00089)	ND (0.00093)	ND (0.00093)	ND (0.0026)	ND (0.00086)
1,3,5-Trimethylbenzene	190	-	-	ND (0.00097)	ND (0.00096)	ND (0.00091)	ND (0.00098)	ND (0.0013)	ND (0.0009)	ND (0.0011)	-	-	ND (0.0012)	ND (0.00095)	ND (0.00089)	ND (0.00093)	ND (0.00093)	ND (0.0026)	ND (0.00086)
1,3-Dichlorobenzene	280	-	-	ND (0.00097)	ND (0.00096)	ND (0.00091)	ND (0.00098)	ND (0.0013)	ND (0.0009)	ND (0.0011)	-	-	ND (0.0012)	ND (0.00095)	ND (0.00089)	ND (0.00093)	ND (0.00093)	ND (0.0026)	ND (0.00086)
1,4-Dichlorobenzene	130	-	-	ND (0.00097)	ND (0.00096)	ND (0.00091)	ND (0.00098)	ND (0.0013)	ND (0.0009)	ND (0.0011)	-	-	ND (0.0012)	ND (0.00095)	ND (0.00089)	ND (0.00093)	ND (0.00093)	ND (0.0026)	ND (0.00086)
2-Butanone (Methyl Ethyl Ketone)	500	-	-	ND (0.0048)	ND (0.0048)	ND (0.0045)	ND (0.0049)	ND (0.0064)	ND (0.0045)	ND (0.0054)	-	-	ND (0.0059)	ND (0.0048)	ND (0.0045)	ND (0.0046)	ND (0.0046)	ND (0.013)	ND (0.0043)
2-Hexanone (Methyl Butyl Ketone)	NA	-	-	ND (0.0048)	ND (0.0048)	ND (0.0045)	ND (0.0049)	ND (0.0064)	ND (0.0045)	ND (0.0054)	-	-	ND (0.0059)	ND (0.0048)	ND (0.0045)	ND (0.0046)	ND (0.0046)	ND (0.013)	ND (0.0043)
2-Phenylbutane (sec-Butylbenzene)	500	-	-	ND (0.00097)	ND (0.00096)	ND (0.00091)	ND (0.00098)	ND (0.0013)	ND (0.0009)	ND (0.0011)	-	-	ND (0.0012)	ND (0.00095)	ND (0.00089)	ND (0.00093)	ND (0.00093)	ND (0.0026)	ND (0.00086)
4-Methyl-2-Pentanone (Methyl Isobutyl Ketone)	NA	-	-	ND (0.0048)	ND (0.0048)	ND (0.0045)	ND (0.0049)	ND (0.0064)	ND (0.0045)	ND (0.0054)	-	-	ND (0.0059)	ND (0.0048)	ND (0.0045)	ND (0.0046)	ND (0.0046)	ND (0.013)	ND (0.0043)
Acetone	500	-	-	ND (0.0058)	ND (0.0058)	ND (0.0054)	ND (0.0059)	ND (0.0077)	ND (0.0054)	ND (0.0065)	-	-	0.027	0.12	0.14	0.035	0.025	ND (0.015)	0.023
Benzene	44	-	-	ND (0.00097)	ND (0.00096)	ND (0.00091)	ND (0.00098)	ND (0.0013)	ND (0.0009)	ND (0.0011)	-	-	ND (0.0012)	ND (0.00095)	ND (0.00089)	ND (0.00093)	ND (0.00093)	ND (0.0026)	ND (0.00086)
Bromodichloromethane	NA	-	-	ND (0.00097)	ND (0.00096)	ND (0.00091)	ND (0.00098)	ND (0.0013)	ND (0.0009)	ND (0.0011)	-	-	ND (0.0012)	ND (0.00095)	ND (0.00089)	ND (0.00093)	ND (0.00093)	ND (0.0026)	ND (0.00086)
Bromoform	NA	-	-	ND (0.00097)	ND (0.00096)	ND (0.00091)	ND (0.00098)	ND (0.0013)	ND (0.0009)	ND (0.0011)	-	-	ND (0.0012)	ND (0.00095)	ND (0.00089)	ND (0.00093)	ND (0.00093)	ND (0.0026)	ND (0.00086)
Bromomethane (Methyl Bromide)	NA	-	-	ND (0.0019)	ND (0.0019)	ND (0.0018)	ND (0.002)	ND (0.0026)	ND (0.0018)	ND (0.0022)	-	-	ND (0.0023)	ND (0.0019)	ND (0.0018)	ND (0.0019)	ND (0.0019)	ND (0.0051)	ND (0.0017)
Carbon disulfide	NA	-	-	ND (0.00097)	ND (0.00096)	ND (0.00091)	ND (0.00098)	ND (0.0013)	ND (0.0009)	ND (0.0011)	-	-	ND (0.0012)	ND (0.00095)	ND (0.00089)	ND (0.00093)	ND (0.00093)	ND (0.0026)	ND (0.00086)
Carbon tetrachloride	22	-	-	ND (0.00097)	ND (0.00096)	ND (0.00091)	ND (0.00098)	ND (0.0013)	ND (0.0009)	ND (0.0011)	-	-	ND (0.0012)	ND (0.00095)	ND (0.00089)	ND (0.00093)	ND (0.00093)	ND (0.0026)	ND (0.00086)
Chlorobenzene	500	-	-	ND (0.00097)	ND (0.00096)	ND (0.00091)	ND (0.00098)	ND (0.0013)	ND (0.0009)	ND (0.0011)	-	-	ND (0.0012)	ND (0.00095)	ND (0.00089)	ND (0.00093)	ND (0.00093)	ND (0.0026)	ND (0.00086)
Chlorobromomethane	NA	-	-	ND (0.00097)	ND (0.00096)	ND (0.00091)	ND (0.00098)	ND (0.0013)	ND (0.0009)	ND (0.0011)	-	-	ND (0.0012)	ND (0.00095)	ND (0.00089)	ND (0.00093)	ND (0.00093)	ND (0.0026)	ND (0.00086)
Chloroethane	NA	-	-	ND (0.00097)	ND (0.00096)	ND (0.00091)	ND (0.00098)	ND (0.0013)	ND (0.0009)	ND (0.0011)	-	-	ND (0.0012)	ND (0.00095)	ND (0.00089)	ND (0.00093)	ND (0.00093)	ND (0.0026)	ND (0.00086)
Chloroform (Trichloromethane)	350	-	-	ND (0.00097)	ND (0.00096)	ND (0.00091)	ND (0.00098)	ND (0.0013)	ND (0.0009)	ND (0.0011)	-	-	ND (0.0012)	ND (0.00095)	ND (0.00089)	ND (0.00093)	ND (0.00093)	ND (0.0026)	ND (0.00086)
Chloromethane (Methyl Chloride)	NA	-	-	ND (0.00097)	ND (0.00096)	ND (0.00091)	ND (0.00098)	ND (0.0013)	ND (0.0009)	ND (0.0011)	-	-	ND (0.0012)	ND (0.00095)	ND (0.00089)	ND (0.00093)	ND (0.00093)	ND (0.0026)	ND (0.00086)
cis-1,2-Dichloroethene	500	-	-	ND (0.00097)	ND (0.00096)	ND (0.00091)	ND (0.00098)	ND (0.0013)	ND (0.0009)	ND (0.0011)	-	-	ND (0.0012)	ND (0.00095)	ND (0.00089)	ND (0.00093)	ND (0.00093)	ND (0.0026)	ND (0.00086)
cis-1,3-Dichloropropene	NA	-	-	ND (0.00097)	ND (0.00096)	ND (0.00091)	ND (0.00098)	ND (0.0013)	ND (0.0009)	ND (0.0011)	-	-	ND (0.0012)	ND (0.00095)	ND (0.00089)	ND (0.00093)	ND (0.00093)	ND (0.0026)	ND (0.00086)
Cyclohexane	NA	-	-	ND (0.00097)	ND (0.00096)	ND (0.00091)	ND (0.00098)	ND (0.0013)	ND (0.0009)	ND (0.0011)	-	-	ND (0.0012)	ND (0.00095)	ND (0.00089)	ND (0.00093)	ND (0.00093)	ND (0.0026)	ND (0.00086)
Dibromochloromethane	NA	-	-	ND (0.00097)	ND (0.00096)	ND (0.00091)	ND (0.00098)	ND (0.0013)	ND (0.0009)	ND (0.0011)	-	-	ND (0.0012)	ND (0.00095)	ND (0.00089)	ND (0.00093)	ND (0.00093)	ND (0.0026)	ND (0.00086)
Dichlorodifluoromethane (CFC-12)	NA	-	-	ND (0.00097)	ND (0.00096)	ND (0.00091)	ND (0.00098)	ND (0.0013)	ND (0.0009)	ND (0.0011)	-	-	ND (0.0012)	ND (0.00095)	ND (0.00089)	ND (0.00093)	ND (0.00093)	ND (0.0026)	ND (0.00086)
Ethylbenzene	390	-	-	ND (0.00097)	ND (0.00096)	ND (0.00091)	ND (0.00098)	ND (0.0013)	ND (0.0009)	ND (0.0011)	-	-	ND (0.0012)	ND (0.00095)	ND (0.00089)	ND (0.00093)	ND (0.00093)	ND (0.0026)	ND (0.00086)
Isopropylbenzene (Cumene)	NA	-	-	ND (0.00097)	ND (0.00096)	ND (0.00091)	ND (0.00098)	ND (0.0013)	ND (0.0009)	ND (0.0011)	-	-	ND (0.0012)	ND (0.00095)	ND (0.00089)	ND (0.00093)	ND (0.00093)	ND (0.0026)	ND (0.00086)
m,p-Xylenes	NA	-	-	ND (0.00097)	ND (0.00096)	ND (0.00091)	ND (0.00098)	ND (0.0013)	ND (0.0009)	ND (0.0011)	-	-	ND (0.0012)	ND (0.00095)	ND (0.00089)	ND (0.00093)	ND (0.00093)	ND (0.0026)	ND (0.00086)
Methyl acetate	NA	-	-	ND (0.0048)	ND (0.0048)	ND (0.0045)	ND (0.0049)	ND (0.0064)	ND (0.0045)	ND (0.0054)	-	-	ND (0.0059)	ND (0.0048)	ND (0.0045)	ND (0.0046)	ND (0.0046)	ND (0.013)	ND (0.0043)
Methyl Tert Butyl Ether (MTBE)	500	-	-	ND (0.00097)	ND (0.00096)	ND (0.00091)	ND (0.00098)	ND (0.0013)	ND (0.0009)	ND (0.0011)	-	-	ND (0.0012)	ND (0.00095)	ND (0.00089)	ND (0.00093)	ND (0.00093)	ND (0.0026)	ND (0.00086)
Methylcyclohexane	NA	-	-	ND (0.00097)	ND (0.00096)	ND (0.00091)	ND (0.00098)	ND (0.0013)	ND (0.0009)	ND (0.0011)	-	-	ND (0.0012)	ND (0.00095)	ND (0.00089)	ND (0.00093)	ND (0.00093)	ND (0.0026)	ND (0.00086)
Methylene chloride (Dichloromethane)	500	-	-	ND (0.0019)	0.0043	ND (0.0018)	0.0016 J	0.0023 J	ND (0.0018)	ND (0.0022)	-	-	ND (0.0023)	ND (0.0019)	0.0014 J	ND (0.0019)	ND (0.0019)	ND (0.0051)	ND (0.0017)
n-Butylbenzene	500	-	-	ND (0.00097)	ND (0.00096)	ND (0.00091)	ND (0.00098)	ND (0.0013)	ND (0.0009)	ND (0.0011)	-	-	ND (0.0012)	ND (0.00095)	ND (0.00089)	ND (0.00093)	ND (0.00093)	ND (0.0026)	ND (0.00086)
n-Propylbenzene	500	-	-	ND (0.00097)	ND (0.00096)	ND (0.00091)	ND (0.00098)	ND (0.0013)	ND (0.0009)	ND (0.0011)	-	-	ND (0.0012)	ND (0.00095)	ND (0.00089)	ND (0.00093)	ND (0.00093)	ND (0.0026)	ND (0.00086)
o-Xylene	NA	-	-	ND (0.00097)	ND (0.00096)	ND (0.00091)	ND (0.00098)	ND (0.0013)	ND (0.0009)	ND (0.0011)	-	-	ND (0.0012)	ND (0.00095)	ND (0.00089)	ND (0.00093)	ND (0.00093)	ND (0.0026)	ND (0.00086)
Styrene	NA	-	-	ND (0.00097)	ND (0.00096)	ND (0.00091)	ND (0.00098)	ND (0.0013)	ND (0.0009)	ND (0.0011)	-	-	ND (0.0012)	ND (0.00095)	ND (0.00089)	ND (0.00093)	ND (0.00093)	ND (0.0026)	ND (0.00086)
tert-Butylbenzene	500	-	-	ND (0.00097)	ND (0.00096)	ND (0.00091)	ND (0.00098)	ND (0.0013)	ND (0.0009)	ND (0.0011)	-	-	ND (0.0012)	ND (0.00095)	ND (0.00089)	ND (0.00093)	ND (0.00093)	ND (0.0026)	ND (0.00086)
Tetrachloroethene	150	-	-	ND (0.00097)	ND (0.00096)	ND (0.00091)	ND (0.00098)	ND (0.0013)	ND (0.0009)	ND (0.0011)	-	-	ND (0.0012)	ND (0.00095)	ND (0.00089)	ND (0.00093)	ND (0.00093)	ND (0.0026)	ND (0.00086)
Toluene	500	-	-	0.00059 J	ND (0.00096)	0.00048 J	0.00085 J	0.00072 J	0.00043 J	0.00058 J	-	-	ND (0.0012)	ND (0.00095)	0.00038 J	ND (0.00093)	ND (0.00093)	ND (0.0026)	0.00032 J
trans-1,2-Dichloroethene	500	-	-	ND (0.00097)	ND (0.00096)	ND (0.00091)	ND (0.00098)	ND (0.0013)	ND (0.0009)	ND (0.0011)	-	-	ND (0.0012)	ND (0.00095)	ND (0.00089)	ND (0.00093)	ND (0.00093)	ND (0.0026)	ND (0.00086)
trans-1,3-Dichloropropene	NA	-	-	ND (0.00097)	ND (0.00096)	ND (0.00091)	ND (0.00098)	ND (0.0013)	ND (0.0009)	ND (0.0011)	-	-	ND (0.0012)	ND (0.00095)	ND (0.00089)	ND (0.00093)	ND (0.00093)	ND (0.0026)	ND (0.00086)
Trichloroethene	200	-	-	ND (0.00097)	ND (0.00096)	ND (0.00091)	ND (0.00098)	ND (0.0013)	ND (0.0009)	ND (0.0011)	-	-	ND (0.0012)	ND (0.00095)	ND (0.00089)	ND (0.00093)	ND (0.00093)	ND (0.0026)	ND (0.00086)
Trichlorofluoromethane (CFC-11)	NA	-	-	ND (0.00097)	ND (0.00096)	ND (0.00091)	ND (0.00098)	ND (0.0013)	ND (0.0009)	ND (0.0011)	-	-	ND (0.0012)	ND (0.00095)	ND (0.00089)	ND (0.00093)	ND (0.00093)	ND (0.0026)	ND (0.00086)
Trifluorotrichloroethane (Freon 113)	NA	-	-	ND (0.00097)	ND (0.00096)	ND (0.00091)	ND (0.00098)	ND (0.0013)	ND (0.0009)	ND (0.0011)	-	-	ND (0.0012)	ND (0.00095)	ND (0.00089)	ND (0.00093)	ND (0.00093)	ND (0.0026)	ND (0.00086)
Vinyl chloride	13	-	-	ND (0.00097)	ND (0.00096)	ND (0.00091)	ND (0.00098)	ND (0.0013)	ND (0.0009)	ND (0.0011)	-	-	ND (0.0012)	ND (0.00095)	ND (0.00089)	ND (0.00093)	ND (0.00093)	ND (0.0026)	ND (0.00086)
Xylene (Total)	500	-	-	ND (0.0019)	ND (0.0019)	ND (0.0018)	ND (0.002)	ND (0.0026)	ND (0.0018)	ND (0.0022)	-	-	ND (0.0023)	ND (0.0019)	ND (0.0018)	ND (0.0019)	ND (0.0019)	ND (0.0051)	ND (0.0017)

TABLE 3
SUMMARY OF SOIL QUALITY DATA - BERM 3
FORMER PORT MOBIL TERMINAL
STATEN ISLAND, NEW YORK
FILE NO. 0208998

	Criteria																		
Location Name	NY Part 375	3E	3E	3E	3E	3E	3E	3E	3E	3E	3F	3F	3F1	3F1	3F2	3F2	3F2	3F3	3F3
Sample Name	Commercial	3E_0-7	3E_7-14	3E1_2-3	3E1_8-9	3E2_4-5	3E2_7-8	3E3_6-7	3E3_11-12	3E3_13-14	3F_0-7	3F_7-14	3F1_3-4	3F1_5-6	3F2_1-2	3F2_11-12	3F2_12-13	3F3_6-7	3F3_7-8
Sample Date	Use	10/09/2025	10/09/2025	10/09/2025	10/09/2025	10/09/2025	10/09/2025	10/09/2025	10/09/2025	10/09/2025	10/09/2025	10/09/2025	10/09/2025	10/09/2025	10/09/2025	10/09/2025	10/09/2025	10/09/2025	10/09/2025
Lab Sample ID	Soil Cleanup	460-336881-11	460-336881-12	460-336881-31	460-336881-34	460-336881-32	460-336881-35	460-336881-33	460-336881-36	460-336881-37	460-336881-13	460-336881-14	460-336881-24	460-336881-27	460-336881-25	460-336881-28	460-336881-30	460-336881-26	460-336881-29
Sample Depth (bgs)	Objectives	0 - 7 (ft)	7 - 14 (ft)	2 - 3 (ft)	8 - 9 (ft)	4 - 5 (ft)	7 - 8 (ft)	6 - 7 (ft)	11 - 12 (ft)	13 - 14 (ft)	0 - 7 (ft)	7 - 14 (ft)	3 - 4 (ft)	5 - 6 (ft)	1 - 2 (ft)	11 - 12 (ft)	12 - 13 (ft)	6 - 7 (ft)	7 - 8 (ft)
Semi-Volatile Organic Compounds (mg/kg)																			
1,2,4,5-Tetrachlorobenzene	NA	ND (0.35)	ND (0.34)	-	-	-	-	-	-	-	ND (0.35)	ND (0.36)	-	-	-	-	-	-	-
1,4-Dioxane	130	ND (0.035)	ND (0.034)	-	-	-	-	-	-	-	ND (0.035)	ND (0.036)	-	-	-	-	-	-	-
2,2'-oxybis(1-Chloropropane)	NA	ND (0.35)	ND (0.34)	-	-	-	-	-	-	-	ND (0.35)	ND (0.36)	-	-	-	-	-	-	-
2,3,4,6-Tetrachlorophenol	NA	ND (0.35)	ND (0.34)	-	-	-	-	-	-	-	ND (0.35)	ND (0.36)	-	-	-	-	-	-	-
2,4,5-Trichlorophenol	NA	ND (0.35)	ND (0.34)	-	-	-	-	-	-	-	ND (0.35)	ND (0.36)	-	-	-	-	-	-	-
2,4,6-Trichlorophenol	NA	ND (0.14)	ND (0.14)	-	-	-	-	-	-	-	ND (0.14)	ND (0.14)	-	-	-	-	-	-	-
2,4-Dichlorophenol	NA	ND (0.14)	ND (0.14)	-	-	-	-	-	-	-	ND (0.14)	ND (0.14)	-	-	-	-	-	-	-
2,4-Dimethylphenol	NA	ND (0.35)	ND (0.34)	-	-	-	-	-	-	-	ND (0.35)	ND (0.36)	-	-	-	-	-	-	-
2,4-Dinitrophenol	NA	ND (0.28)	ND (0.28)	-	-	-	-	-	-	-	ND (0.28)	ND (0.29)	-	-	-	-	-	-	-
2,4-Dinitrotoluene	NA	ND (0.07)	ND (0.069)	-	-	-	-	-	-	-	ND (0.071)	ND (0.073)	-	-	-	-	-	-	-
2,6-Dinitrotoluene	NA	ND (0.07)	ND (0.069)	-	-	-	-	-	-	-	ND (0.071)	ND (0.073)	-	-	-	-	-	-	-
2-Chloronaphthalene	NA	ND (0.35)	ND (0.34)	-	-	-	-	-	-	-	ND (0.35)	ND (0.36)	-	-	-	-	-	-	-
2-Chlorophenol	NA	ND (0.35)	ND (0.34)	-	-	-	-	-	-	-	ND (0.35)	ND (0.36)	-	-	-	-	-	-	-
2-Methylnaphthalene	NA	ND (0.35)	ND (0.34)	-	-	-	-	-	-	-	ND (0.35)	ND (0.36)	-	-	-	-	-	-	-
2-Methylphenol (o-Cresol)	500	ND (0.35)	ND (0.34)	-	-	-	-	-	-	-	ND (0.35)	ND (0.36)	-	-	-	-	-	-	-
2-Nitroaniline	NA	ND (0.35)	ND (0.34)	-	-	-	-	-	-	-	ND (0.35)	ND (0.36)	-	-	-	-	-	-	-
2-Nitrophenol	NA	ND (0.35)	ND (0.34)	-	-	-	-	-	-	-	ND (0.35)	ND (0.36)	-	-	-	-	-	-	-
3&4-Methylphenol	NA	ND (0.35)	ND (0.34)	-	-	-	-	-	-	-	ND (0.35)	ND (0.36)	-	-	-	-	-	-	-
3,3'-Dichlorobenzidine	NA	ND (0.14)	ND (0.14)	-	-	-	-	-	-	-	ND (0.14)	ND (0.14)	-	-	-	-	-	-	-
3-Nitroaniline	NA	ND (0.35)	ND (0.34)	-	-	-	-	-	-	-	ND (0.35)	ND (0.36)	-	-	-	-	-	-	-
4,6-Dinitro-2-methylphenol	NA	ND (0.28)	ND (0.28)	-	-	-	-	-	-	-	ND (0.28)	ND (0.29)	-	-	-	-	-	-	-
4-Bromophenyl phenyl ether (BDE-3)	NA	ND (0.35)	ND (0.34)	-	-	-	-	-	-	-	ND (0.35)	ND (0.36)	-	-	-	-	-	-	-
4-Chloro-3-methylphenol	NA	ND (0.35)	ND (0.34)	-	-	-	-	-	-	-	ND (0.35)	ND (0.36)	-	-	-	-	-	-	-
4-Chloroaniline	NA	ND (0.35)	ND (0.34)	-	-	-	-	-	-	-	ND (0.35)	ND (0.36)	-	-	-	-	-	-	-
4-Chlorophenyl phenyl ether	NA	ND (0.35)	ND (0.34)	-	-	-	-	-	-	-	ND (0.35)	ND (0.36)	-	-	-	-	-	-	-
4-Methylphenol	500	ND (0.35)	ND (0.34)	-	-	-	-	-	-	-	ND (0.35)	ND (0.36)	-	-	-	-	-	-	-
4-Nitroaniline	NA	ND (0.35)	ND (0.34)	-	-	-	-	-	-	-	ND (0.35)	ND (0.36)	-	-	-	-	-	-	-
4-Nitrophenol	NA	ND (0.7)	ND (0.69)	-	-	-	-	-	-	-	ND (0.71)	ND (0.73)	-	-	-	-	-	-	-
Acenaphthene	500	ND (0.35)	ND (0.34)	-	-	-	-	-	-	-	ND (0.35)	ND (0.36)	-	-	-	-	-	-	-
Acenaphthylene	500	ND (0.35)	ND (0.34)	-	-	-	-	-	-	-	ND (0.35)	ND (0.36)	-	-	-	-	-	-	-
Acetophenone	NA	ND (0.35)	ND (0.34)	-	-	-	-	-	-	-	ND (0.35)	ND (0.36)	-	-	-	-	-	-	-
Anthracene	500	ND (0.35)	ND (0.34)	-	-	-	-	-	-	-	ND (0.35)	ND (0.36)	-	-	-	-	-	-	-
Atrazine	NA	ND (0.14) *	ND (0.14) *	-	-	-	-	-	-	-	ND (0.14) *	ND (0.14) *	-	-	-	-	-	-	-
Benzaldehyde	NA	ND (0.35)	ND (0.34)	-	-	-	-	-	-	-	ND (0.35)	ND (0.36)	-	-	-	-	-	-	-
Benzo(a)anthracene	5.6	ND (0.035)	ND (0.034)	-	-	-	-	-	-	-	ND (0.035)	ND (0.036)	-	-	-	-	-	-	-
Benzo(a)pyrene	1	ND (0.035)	ND (0.034)	-	-	-	-	-	-	-	ND (0.035)	ND (0.036)	-	-	-	-	-	-	-
Benzo(b)fluoranthene	5.6	ND (0.035)	ND (0.034)	-	-	-	-	-	-	-	ND (0.035)	ND (0.036)	-	-	-	-	-	-	-
Benzo(g,h,i)perylene	500	0.015 J	ND (0.34)	-	-	-	-	-	-	-	ND (0.35)	ND (0.36)	-	-	-	-	-	-	-
Benzo(k)fluoranthene	56	ND (0.035)	ND (0.034)	-	-	-	-	-	-	-	ND (0.035)	ND (0.036)	-	-	-	-	-	-	-
Biphenyl	NA	ND (0.35)	ND (0.34)	-	-	-	-	-	-	-	ND (0.35)	ND (0.36)	-	-	-	-	-	-	-
bis(2-Chloroethoxy)methane	NA	ND (0.35)	ND (0.34)	-	-	-	-	-	-	-	ND (0.35)	ND (0.36)	-	-	-	-	-	-	-
bis(2-Chloroethyl)ether	NA	ND (0.035)	ND (0.034)	-	-	-	-	-	-	-	ND (0.035)	ND (0.036)	-	-	-	-	-	-	-
bis(2-Ethylhexyl)phthalate	NA	ND (0.35)	ND (0.34)	-	-	-	-	-	-	-	ND (0.35)	ND (0.36)	-	-	-	-	-	-	-
Butyl benzylphthalate (BBP)	NA	ND (0.35)	ND (0.34)	-	-	-	-	-	-	-	ND (0.35)	ND (0.36)	-	-	-	-	-	-	-
Caprolactam	NA	ND (0.35) *	ND (0.34) *	-	-	-	-	-	-	-	ND (0.35) *	ND (0.36) *	-	-	-	-	-	-	-
Carbazole	NA	ND (0.35)	ND (0.34)	-	-	-	-	-	-	-	ND (0.35)	ND (0.36)	-	-	-	-	-	-	-
Chrysene	56	ND (0.35)	ND (0.34)	-	-	-	-	-	-	-	ND (0.35)	ND (0.36)	-	-	-	-	-	-	-
Dibenz(a,h)anthracene	0.56	ND (0.035)	ND (0.034)	-	-	-	-	-	-	-	ND (0.035)	ND (0.036)	-	-	-	-	-	-	-
Dibenzofuran	350	ND (0.35)	ND (0.34)	-	-	-	-	-	-	-	ND (0.35)	ND (0.36)	-	-	-	-	-	-	-
Diethyl phthalate	NA	ND (0.35)	ND (0.34)	-	-	-	-	-	-	-	ND (0.35)	ND (0.36)	-	-	-	-	-	-	-
Dimethyl phthalate	NA	ND (0.35)	ND (0.34)	-	-	-	-	-	-	-	ND (0.35)	ND (0.36)	-	-	-	-	-	-	-
Di-n-butylphthalate (DBP)	NA	ND (0.35)	ND (0.34)	-	-	-	-	-	-	-	ND (0.35)	ND (0.36)	-	-	-	-	-	-	-
Di-n-octyl phthalate (DnOP)	NA	ND (0.35)	ND (0.34)	-	-	-	-	-	-	-	ND (0.35)	ND (0.36)	-	-	-	-	-	-	-
Fluoranthene	500	ND (0.35)	ND (0.34)	-	-	-	-	-	-	-	ND (0.35)	ND (0.36)	-	-	-	-	-	-	-
Fluorene	500	ND (0.35)	ND (0.34)	-	-	-	-	-	-	-	ND (0.35)	ND (0.36)	-	-	-	-	-	-	-
Hexachlorobenzene	6	ND (0.035)	ND (0.034)	-	-	-	-	-	-	-	ND (0.035)	ND (0.036)	-	-	-	-	-	-	-
Hexachlorobutadiene	NA	ND (0.07)	ND (0.069)	-	-	-	-	-	-	-	ND (0.071)	ND (0.073)	-	-	-	-	-	-	-
Hexachlorocyclopentadiene	NA	ND (0.35)	ND (0.34)	-	-	-	-	-	-	-	ND (0.35)	ND (0.36)	-	-	-	-	-	-	-
Hexachloroethane	NA	ND (0.035)	ND (0.034)	-	-	-	-	-	-	-	ND (0.035)	ND (0.036)	-	-	-	-	-	-	-
Indeno(1,2,3-cd)pyrene	5.6	0.025 J	ND (0.034)	-	-	-	-	-	-	-	ND (0.035)	ND (0.036)	-	-	-	-	-	-	-
Isophorone	NA	ND (0.14)	ND (0.14)	-	-	-	-	-	-	-	ND (0.14)	ND (0.14)	-	-	-	-	-	-	-
Naphthalene	500	ND (0.35)	ND (0.34)	-	-	-	-	-	-	-	ND (0.35)	ND (0.36)	-	-	-	-	-	-	-
Nitrobenzene	NA	ND (0.035)	ND (0.034)	-	-	-	-	-	-	-	ND (0.035)	ND (0.036)	-	-	-	-	-	-	-
N-Nitrosodi-n-propylamine	NA	ND (0.035)	ND (0.034)	-	-	-	-	-	-	-	ND (0.035)	ND (0.036)	-	-	-	-	-	-	-
N-Nitrosodiphenylamine	NA	ND (0.35)	ND (0.34)	-	-	-	-	-	-	-	ND (0.35)	ND (0.36)	-	-	-	-	-	-	-
Pentachlorophenol	6.7	ND (0.28)	ND (0.28)	-	-	-	-	-	-	-	ND (0.28)	ND (0.29)	-	-	-	-	-	-	-
Phenanthrene	500	ND (0.35)	ND (0.34)	-	-	-	-	-	-	-	ND (0.35)	ND (0.36)	-	-	-	-	-	-	-
Phenol	500	ND (0.35)	ND (0.34)	-	-	-	-	-	-	-	ND (0.35)	ND (0.36)	-	-	-	-	-	-	-
Pyrene	500	ND (0.35)	ND (0.34)	-	-	-	-	-	-	-	ND (0.35)	0.011 J	-	-	-	-	-	-	-

TABLE 3
SUMMARY OF SOIL QUALITY DATA - BERM 3
FORMER PORT MOBIL TERMINAL
STATEN ISLAND, NEW YORK
FILE NO. 0208998

	Criteria																		
Location Name	NY Part 375	3E	3E	3E	3E	3E	3E	3E	3E	3E	3F	3F	3F1	3F1	3F2	3F2	3F2	3F3	3F3
Sample Name	Commercial	3E_0-7	3E_7-14	3E1_2-3	3E1_8-9	3E2_4-5	3E2_7-8	3E3_6-7	3E3_11-12	3E3_13-14	3F_0-7	3F_7-14	3F1_3-4	3F1_5-6	3F2_1-2	3F2_11-12	3F2_12-13	3F3_6-7	3F3_7-8
Sample Date	Use	10/09/2025	10/09/2025	10/09/2025	10/09/2025	10/09/2025	10/09/2025	10/09/2025	10/09/2025	10/09/2025	10/09/2025	10/09/2025	10/09/2025	10/09/2025	10/09/2025	10/09/2025	10/09/2025	10/09/2025	10/09/2025
Lab Sample ID	Soil Cleanup	460-336881-11	460-336881-12	460-336881-31	460-336881-34	460-336881-32	460-336881-35	460-336881-33	460-336881-36	460-336881-37	460-336881-13	460-336881-14	460-336881-24	460-336881-27	460-336881-25	460-336881-28	460-336881-30	460-336881-26	460-336881-29
Sample Depth (bgs)	Objectives	0 - 7 (ft)	7 - 14 (ft)	2 - 3 (ft)	8 - 9 (ft)	4 - 5 (ft)	7 - 8 (ft)	6 - 7 (ft)	11 - 12 (ft)	13 - 14 (ft)	0 - 7 (ft)	7 - 14 (ft)	3 - 4 (ft)	5 - 6 (ft)	1 - 2 (ft)	11 - 12 (ft)	12 - 13 (ft)	6 - 7 (ft)	7 - 8 (ft)
PFAS (mg/kg)																			
11-Chloroeicosafluoro-3-Oxaundecane-1-Sulfonic Acid (11Cl-PF3OUdS)	NA	ND (0.0002)	ND (0.0002)	-	-	-	-	-	-	-	ND (0.0002)	ND (0.0002)	-	-	-	-	-	-	-
2H,2H,3H,3H-Perfluorooctanoic acid (5:3 FTCA)	NA	ND (0.00098)	ND (0.00099)	-	-	-	-	-	-	-	ND (0.00098)	ND (0.001)	-	-	-	-	-	-	-
3-(Perfluoroheptyl)propanoic acid (7:3 FTCA)	NA	ND (0.00098)	ND (0.00099)	-	-	-	-	-	-	-	ND (0.00098)	ND (0.001)	-	-	-	-	-	-	-
3:3 Fluorotelomer carboxylic acid (3:3 FTCA)	NA	ND (0.00039)	ND (0.00039)	-	-	-	-	-	-	-	ND (0.00039)	ND (0.0004)	-	-	-	-	-	-	-
4,8-Dioxa-3H-Perfluorononanoic Acid (ADONA)	NA	ND (0.0002)	ND (0.0002)	-	-	-	-	-	-	-	ND (0.0002)	ND (0.0002)	-	-	-	-	-	-	-
4:2 Fluorotelomer sulfonic acid (4:2 FTS)	NA	ND (0.00039)	ND (0.00039)	-	-	-	-	-	-	-	ND (0.00039)	ND (0.0004)	-	-	-	-	-	-	-
6:2 Fluorotelomer sulfonic acid (6:2 FTS)	NA	ND (0.00039)	ND (0.00039)	-	-	-	-	-	-	-	ND (0.00039)	ND (0.0004)	-	-	-	-	-	-	-
8:2 Fluorotelomer sulfonic acid (8:2 FTS)	NA	ND (0.00039)	ND (0.00039)	-	-	-	-	-	-	-	ND (0.00039)	0.00029 J	-	-	-	-	-	-	-
9-Chlorohexadecafluoro-3-Oxanone-1-Sulfonic Acid (9Cl-PF3ONS)	NA	ND (0.0002)	ND (0.0002)	-	-	-	-	-	-	-	ND (0.0002)	ND (0.0002)	-	-	-	-	-	-	-
N-Ethyl Perfluorooctanesulfonamidoacetic Acid (NEtFOSAA)	NA	ND (0.0002)	ND (0.0002)	-	-	-	-	-	-	-	ND (0.0002)	ND (0.0002)	-	-	-	-	-	-	-
N-Ethylperfluorooctane sulfonamide (N-EtFOSA)	NA	ND (0.0002)	ND (0.0002)	-	-	-	-	-	-	-	ND (0.0002)	ND (0.0002)	-	-	-	-	-	-	-
N-Ethylperfluorooctane sulfonamidoethanol (N-EtFOSE)	NA	ND (0.00098)	ND (0.00099)	-	-	-	-	-	-	-	ND (0.00098)	ND (0.001)	-	-	-	-	-	-	-
N-Methyl Perfluorooctanesulfonamidoacetic Acid (NMeFOSAA)	NA	ND (0.0002)	ND (0.0002)	-	-	-	-	-	-	-	ND (0.0002)	ND (0.0002)	-	-	-	-	-	-	-
N-Methylperfluorooctane sulfonamide (N-MeFOSA)	NA	ND (0.0002)	ND (0.0002)	-	-	-	-	-	-	-	ND (0.0002)	ND (0.0002)	-	-	-	-	-	-	-
N-Methylperfluorooctane sulfonamidoethanol (N-MeFOSE)	NA	ND (0.00098)	ND (0.00099)	-	-	-	-	-	-	-	ND (0.00098)	ND (0.001)	-	-	-	-	-	-	-
Nonafluoro-3,6-dioxaheptanoic acid (NFDHA)	NA	ND (0.0002)	ND (0.0002)	-	-	-	-	-	-	-	ND (0.0002)	ND (0.0002)	-	-	-	-	-	-	-
Perfluoro(2-ethoxyethane) sulphonic acid (PFEESA)	NA	ND (0.0002)	ND (0.0002)	-	-	-	-	-	-	-	ND (0.0002)	ND (0.0002)	-	-	-	-	-	-	-
Perfluoro(4-methoxybutanoic) acid (PFMBA)	NA	ND (0.0002)	ND (0.0002)	-	-	-	-	-	-	-	ND (0.0002)	ND (0.0002)	-	-	-	-	-	-	-
Perfluoro-2-propoxypropanoic acid (PFPrOPrA)(GenX) (HFPO-DA)	NA	ND (0.0002)	ND (0.0002)	-	-	-	-	-	-	-	ND (0.0002)	ND (0.0002)	-	-	-	-	-	-	-
Perfluoro-3-methoxypropanoic acid (PFMPA)	NA	ND (0.0002)	ND (0.0002)	-	-	-	-	-	-	-	ND (0.0002)	ND (0.0002)	-	-	-	-	-	-	-
Perfluorobutanesulfonic acid (PFBS)	NA	ND (0.0002)	ND (0.0002)	-	-	-	-	-	-	-	ND (0.0002)	ND (0.0002)	-	-	-	-	-	-	-
Perfluorobutanoic acid (PFBA)	NA	ND (0.00039)	ND (0.00039)	-	-	-	-	-	-	-	ND (0.00039)	ND (0.0004)	-	-	-	-	-	-	-
Perfluorodecanesulfonic acid (PFDS)	NA	ND (0.0002)	ND (0.0002)	-	-	-	-	-	-	-	ND (0.0002)	ND (0.0002)	-	-	-	-	-	-	-
Perfluorodecanoic acid (PFDA)	NA	0.000061 J	0.000061 J	-	-	-	-	-	-	-	0.000082 J	ND (0.0002)	-	-	-	-	-	-	-
Perfluorododecane sulfonic acid (PFDoDS)	NA	ND (0.0002)	ND (0.0002)	-	-	-	-	-	-	-	ND (0.0002)	ND (0.0002)	-	-	-	-	-	-	-
Perfluorododecanoic acid (PFDoDA)	NA	ND (0.0002)	ND (0.0002)	-	-	-	-	-	-	-	ND (0.0002)	ND (0.0002)	-	-	-	-	-	-	-
Perfluoroheptanesulfonic acid (PFHpS)	NA	ND (0.0002)	ND (0.0002)	-	-	-	-	-	-	-	ND (0.0002)	ND (0.0002)	-	-	-	-	-	-	-
Perfluoroheptanoic acid (PFHpA)	NA	ND (0.0002)	ND (0.0002)	-	-	-	-	-	-	-	ND (0.0002)	ND (0.0002)	-	-	-	-	-	-	-
Perfluorohexanesulfonic acid (PFHxS)	NA	ND (0.0002)	ND (0.0002)	-	-	-	-	-	-	-	ND (0.0002)	ND (0.0002)	-	-	-	-	-	-	-
Perfluorohexanoic acid (PFHxA)	NA	ND (0.0002)	ND (0.0002)	-	-	-	-	-	-	-	ND (0.0002)	ND (0.0002)	-	-	-	-	-	-	-
Perfluorononane sulfonic acid (PFNS)	NA	ND (0.0002)	ND (0.0002)	-	-	-	-	-	-	-	ND (0.0002)	ND (0.0002)	-	-	-	-	-	-	-
Perfluorononanoic acid (PFNA)	NA	0.00013 J	0.00021	-	-	-	-	-	-	-	ND (0.0002)	ND (0.0002)	-	-	-	-	-	-	-
Perfluorooctane sulfonamide (PFOSA)	NA	ND (0.0002)	ND (0.0002)	-	-	-	-	-	-	-	ND (0.0002)	ND (0.0002)	-	-	-	-	-	-	-
Perfluorooctanesulfonic acid (PFOS)	0.44	ND (0.0002)	ND (0.0002)	-	-	-	-	-	-	-	ND (0.0002)	ND (0.0002)	-	-	-	-	-	-	-
Perfluorooctanoic acid (PFOA)	0.5	ND (0.00012)	ND (0.00012)	-	-	-	-	-	-	-	0.00015 J	0.000063 J	-	-	-	-	-	-	-
Perfluoropentanesulfonic acid (PFPeS)	NA	ND (0.0002)	ND (0.0002)	-	-	-	-	-	-	-	ND (0.0002)	ND (0.0002)	-	-	-	-	-	-	-
Perfluoropentanoic acid (PFPeA)	NA	ND (0.0002)	ND (0.0002)	-	-	-	-	-	-	-	ND (0.0002)	ND (0.0002)	-	-	-	-	-	-	-
Perfluorotetradecanoic acid (PFTeDA)	NA	ND (0.0002)	ND (0.0002)	-	-	-	-	-	-	-	ND (0.0002)	ND (0.0002)	-	-	-	-	-	-	-
Perfluorotridecanoic acid (PFTrDA)	NA	0.0015	0.00129	-	-	-	-	-	-	-	ND (0.0002)	0.00067	-	-	-	-	-	-	-
Perfluoroundecanoic acid (PFUnDA)	NA	0.00215	0.00158	-	-	-	-	-	-	-	0.00017 J	0.00049	-	-	-	-	-	-	-
Pesticides (mg/kg)																			
4,4'-DDD	92	ND (0.0071)	ND (0.007)	-	-	-	-	-	-	-	ND (0.0071)	ND (0.0073)	-	-	-	-	-	-	-
4,4'-DDE	62	ND (0.0071)	ND (0.007)	-	-	-	-	-	-	-	ND (0.0071)	ND (0.0073)	-	-	-	-	-	-	-
4,4'-DDT	47	ND (0.0071)	ND (0.007)	-	-	-	-	-	-	-	ND (0.0071)	ND (0.0073)	-	-	-	-	-	-	-
Aldrin	0.68	ND (0.0071)	ND (0.007)	-	-	-	-	-	-	-	ND (0.0071)	ND (0.0073)	-	-	-	-	-	-	-
alpha-BHC	3.4	ND (0.0021) *	ND (0.0021) *	-	-	-	-	-	-	-	ND (0.0021) *	ND (0.0022) *	-	-	-	-	-	-	-
alpha-Chlordane (cis)	24	ND (0.0071)	ND (0.007)	-	-	-	-	-	-	-	ND (0.0071)	ND (0.0073)	-	-	-	-	-	-	-
beta-BHC	3	ND (0.0021)	ND (0.0021)	-	-	-	-	-	-	-	ND (0.0021)	ND (0.0022)	-	-	-	-	-	-	-
Chlordane	NA	ND (0.071)	ND (0.07)	-	-	-	-	-	-	-	ND (0.071)	ND (0.073)	-	-	-	-	-	-	-
delta-BHC	500	ND (0.0021) *	ND (0.0021) *	-	-	-	-	-	-	-	ND (0.0021) *	ND (0.0022) *	-	-	-	-	-	-	-
Dieldrin	1.4	ND (0.0021) *	ND (0.0021) *	-	-	-	-	-	-	-	ND (0.0021) *	ND (0.0022) *	-	-	-	-	-	-	-
Endosulfan I	200	ND (0.0071)	ND (0.007)	-	-	-	-	-	-	-	ND (0.0071)	ND (0.0073)	-	-	-	-	-	-	-
Endosulfan II	200	ND (0.0071)	ND (0.007)	-	-	-	-	-	-	-	ND (0.0071)	ND (0.0073)	-	-	-	-	-	-	-
Endosulfan sulfate	200	ND (0.0071)	ND (0.007)	-	-	-	-	-	-	-	ND (0.0071)	ND (0.0073)	-	-	-	-	-	-	-
Endrin	89	ND (0.0071)	ND (0.007)	-	-	-	-	-	-	-	ND (0.0071)	ND (0.0073)	-	-	-	-	-	-	-
Endrin aldehyde	NA	ND (0.0071)	ND (0.007)	-	-	-	-	-	-	-	ND (0.0071)	ND (0.0073)	-	-	-	-	-	-	-
Endrin ketone	NA	ND (0.0071)	ND (0.007)	-	-	-	-	-	-	-	ND (0.0071)	ND (0.0073)	-	-	-	-	-	-	-
gamma-BHC (Lindane)	9.2	ND (0.0021)	ND (0.0021)	-	-	-	-	-	-	-	ND (0.0021)	ND (0.0022)	-	-	-	-	-	-	-
Heptachlor	15	ND (0.0071)	ND (0.007)	-	-	-	-	-	-	-	ND (0.0071)	ND (0.0073)	-	-	-	-	-	-	-
Heptachlor epoxide	NA	ND (0.0071)	ND (0.007)	-	-	-	-	-	-	-	ND (0.0071)	ND (0.0073)	-	-	-	-	-	-	-
Methoxychlor	NA	ND (0.0071)	ND (0.007)	-	-	-	-	-	-	-	ND (0.0071)	ND (0.0073)	-	-	-	-	-	-	-
Toxaphene	NA	ND (0.071)	ND (0.07)	-	-	-	-	-	-	-	ND (0.071)	ND (0.073)	-	-	-	-	-	-	-

TABLE 3
SUMMARY OF SOIL QUALITY DATA - BERM 3
FORMER PORT MOBIL TERMINAL
STATEN ISLAND, NEW YORK
FILE NO. 0208998

	Criteria																		
Location Name	NY Part 375	3E	3E	3E	3E	3E	3E	3E	3E	3E	3F	3F	3F1	3F1	3F2	3F2	3F2	3F3	3F3
Sample Name	Commercial	3E_0-7	3E_7-14	3E1_2-3	3E1_8-9	3E2_4-5	3E2_7-8	3E3_6-7	3E3_11-12	3E3_13-14	3F_0-7	3F_7-14	3F1_3-4	3F1_5-6	3F2_1-2	3F2_11-12	3F2_12-13	3F3_6-7	3F3_7-8
Sample Date	Use	10/09/2025	10/09/2025	10/09/2025	10/09/2025	10/09/2025	10/09/2025	10/09/2025	10/09/2025	10/09/2025	10/09/2025	10/09/2025	10/09/2025	10/09/2025	10/09/2025	10/09/2025	10/09/2025	10/09/2025	10/09/2025
Lab Sample ID	Soil Cleanup	460-336881-11	460-336881-12	460-336881-31	460-336881-34	460-336881-32	460-336881-35	460-336881-33	460-336881-36	460-336881-37	460-336881-13	460-336881-14	460-336881-24	460-336881-27	460-336881-25	460-336881-28	460-336881-30	460-336881-26	460-336881-29
Sample Depth (bgs)	Objectives	0 - 7 (ft)	7 - 14 (ft)	2 - 3 (ft)	8 - 9 (ft)	4 - 5 (ft)	7 - 8 (ft)	6 - 7 (ft)	11 - 12 (ft)	13 - 14 (ft)	0 - 7 (ft)	7 - 14 (ft)	3 - 4 (ft)	5 - 6 (ft)	1 - 2 (ft)	11 - 12 (ft)	12 - 13 (ft)	6 - 7 (ft)	7 - 8 (ft)
Polychlorinated Biphenyls (mg/kg)																			
Aroclor-1016 (PCB-1016)	NA	ND (0.071)	ND (0.07)	-	-	-	-	-	-	-	ND (0.071)	ND (0.073)	-	-	-	-	-	-	-
Aroclor-1221 (PCB-1221)	NA	ND (0.071)	ND (0.07)	-	-	-	-	-	-	-	ND (0.071)	ND (0.073)	-	-	-	-	-	-	-
Aroclor-1232 (PCB-1232)	NA	ND (0.071)	ND (0.07)	-	-	-	-	-	-	-	ND (0.071)	ND (0.073)	-	-	-	-	-	-	-
Aroclor-1242 (PCB-1242)	NA	ND (0.071)	ND (0.07)	-	-	-	-	-	-	-	ND (0.071)	ND (0.073)	-	-	-	-	-	-	-
Aroclor-1248 (PCB-1248)	NA	ND (0.071)	ND (0.07)	-	-	-	-	-	-	-	ND (0.071)	ND (0.073)	-	-	-	-	-	-	-
Aroclor-1254 (PCB-1254)	NA	ND (0.071)	ND (0.07)	-	-	-	-	-	-	-	ND (0.071)	ND (0.073)	-	-	-	-	-	-	-
Aroclor-1260 (PCB-1260)	NA	ND (0.071)	ND (0.07)	-	-	-	-	-	-	-	ND (0.071)	ND (0.073)	-	-	-	-	-	-	-
Aroclor-1262 (PCB-1262)	NA	ND (0.071)	ND (0.07)	-	-	-	-	-	-	-	ND (0.071)	ND (0.073)	-	-	-	-	-	-	-
Aroclor-1268 (PCB-1268)	NA	ND (0.071)	ND (0.07)	-	-	-	-	-	-	-	ND (0.071)	ND (0.073)	-	-	-	-	-	-	-
Total PCBs	1	ND (0.071)	ND (0.07)	-	-	-	-	-	-	-	ND (0.071)	ND (0.073)	-	-	-	-	-	-	-
Inorganic Compounds (mg/kg)																			
Aluminum	NA	7220	7450	-	-	-	-	-	-	-	8310	6780	-	-	-	-	-	-	-
Antimony	NA	2.3	0.9	-	-	-	-	-	-	-	1.7	0.64 J	-	-	-	-	-	-	-
Arsenic	16	7	4.6	-	-	-	-	-	-	-	5.8	6.9	-	-	-	-	-	-	-
Barium	400	45.9	64.1	-	-	-	-	-	-	-	54.4	42.9	-	-	-	-	-	-	-
Beryllium	590	0.68	0.59	-	-	-	-	-	-	-	0.58	0.56	-	-	-	-	-	-	-
Cadmium	9.3	0.26 J	0.13 J	-	-	-	-	-	-	-	0.12 J	0.22 J	-	-	-	-	-	-	-
Calcium	NA	1870	2240	-	-	-	-	-	-	-	1220	2370	-	-	-	-	-	-	-
Chromium	NA	16.1	14.8	-	-	-	-	-	-	-	15.6	18.8	-	-	-	-	-	-	-
Cobalt	NA	6.5	7	-	-	-	-	-	-	-	8.7	6.6	-	-	-	-	-	-	-
Copper	270	39.8	24.1	-	-	-	-	-	-	-	27.5	36.6	-	-	-	-	-	-	-
Iron	NA	20200	16800	-	-	-	-	-	-	-	16500	17700	-	-	-	-	-	-	-
Lead	1000	78.4	27.5	-	-	-	-	-	-	-	24.9	192	-	-	-	-	-	-	-
Magnesium	NA	2890	2650	-	-	-	-	-	-	-	2560	3270	-	-	-	-	-	-	-
Manganese	10000	213	282	-	-	-	-	-	-	-	284	235	-	-	-	-	-	-	-
Mercury	2.8	0.028	0.016 J	-	-	-	-	-	-	-	0.036	0.031	-	-	-	-	-	-	-
Nickel	310	13.7	14.9	-	-	-	-	-	-	-	13.7	14.9	-	-	-	-	-	-	-
Potassium	NA	1410	1380	-	-	-	-	-	-	-	1110	951	-	-	-	-	-	-	-
Selenium	1500	0.28 J	0.14 J	-	-	-	-	-	-	-	0.15 J	0.21 J	-	-	-	-	-	-	-
Silver	1500	0.21 J	0.082 J	-	-	-	-	-	-	-	0.12 J	0.23 J	-	-	-	-	-	-	-
Sodium	NA	64.9 J	73.3 J	-	-	-	-	-	-	-	69.9 J	68.9 J	-	-	-	-	-	-	-
Thallium	NA	0.1 J	0.12 J	-	-	-	-	-	-	-	0.13 J	0.099 J	-	-	-	-	-	-	-
Vanadium	NA	25.7	23.4	-	-	-	-	-	-	-	25.4	23.6	-	-	-	-	-	-	-
Zinc	10000	71.5	47	-	-	-	-	-	-	-	39.8	70.5	-	-	-	-	-	-	-

ABBREVIATIONS AND NOTES:

mg/kg: milligram per kilogram

**: LCS or LCSD is outside acceptance limits.*
-: Not Analyzed
B: Compound was found in the blank and the associated sample.
bgs: below ground surface
ft: feet
J: Value is estimated.
NA: Not Applicable
ND (2.5): Not detected, number in parentheses is the laboratory reporting limit

- For test methods used, see the laboratory data sheets.
- Soil analytical results are compared to the New York State Department of Environmental Conservation (NYSDEC) Title 6 of the Official Compilation of New York Codes, Rules, and Regulations (NYCRR) Part 375 Commercial Use Soil Cleanup Objectives (SCO).
- Grey shading indicates an exceedance of the Commercial Use Soil Cleanup Objectives.

TABLE 3
SUMMARY OF SOIL QUALITY DATA - BERM 3
FORMER PORT MOBIL TERMINAL
STATEN ISLAND, NEW YORK
FILE NO. 0208998

	Criteria										
Location Name	NY Part 375	3G	3G	3G1	3G1	3G1	3G2	3G2	3G3	3G3
Sample Name	Commercial	3G_0-7	3G_7-14	3G1_1-2	3G1_7-8	3G1_13-14	3G2_4-5	3G2_10-11	3G3_3-4	3G3_9-10
Sample Date	Use	10/09/2025	10/09/2025	10/09/2025	10/09/2025	10/09/2025	10/09/2025	10/09/2025	10/09/2025	10/09/2025
Lab Sample ID	Soil Cleanup	460-336881-15	460-336881-16	460-336881-38	460-336881-41	460-336881-44	460-336881-39	460-336881-42	460-336881-40	460-336881-43
Sample Depth (bgs)	Objectives	0 - 7 (ft)	7 - 14 (ft)	1 - 2 (ft)	7 - 8 (ft)	13 - 14 (ft)	4 - 5 (ft)	10 - 11 (ft)	3 - 4 (ft)	9 - 10 (ft)
Volatile Organic Compounds (mg/kg)										
1,1,1-Trichloroethane	500	-	-	ND (0.00095)	ND (0.0033)	ND (0.0011)	ND (0.0011)	ND (0.0012)	ND (0.0015)	ND (0.001)
1,1,2,2-Tetrachloroethane	NA	-	-	ND (0.00095)	ND (0.0033)	ND (0.0011)	ND (0.0011)	ND (0.0012)	ND (0.0015)	ND (0.001)
1,1,2-Trichloroethane	NA	-	-	ND (0.00095)	ND (0.0033)	ND (0.0011)	ND (0.0011)	ND (0.0012)	ND (0.0015)	ND (0.001)
1,1-Dichloroethane	240	-	-	ND (0.00095)	ND (0.0033)	ND (0.0011)	ND (0.0011)	ND (0.0012)	ND (0.0015)	ND (0.001)
1,1-Dichloroethene	500	-	-	ND (0.00095)	ND (0.0033)	ND (0.0011)	ND (0.0011)	ND (0.0012)	ND (0.0015)	ND (0.001)
1,2,3-Trichlorobenzene	NA	-	-	ND (0.00095)	ND (0.0033)	ND (0.0011)	ND (0.0011)	ND (0.0012)	ND (0.0015)	ND (0.001)
1,2,4-Trichlorobenzene	NA	-	-	ND (0.00095)	ND (0.0033)	ND (0.0011)	ND (0.0011)	ND (0.0012)	ND (0.0015)	ND (0.001)
1,2,4-Trimethylbenzene	190	-	-	ND (0.00095)	ND (0.0033)	ND (0.0011)	ND (0.0011)	ND (0.0012)	ND (0.0015)	ND (0.001)
1,2-Dibromo-3-chloropropane (DBCP)	NA	-	-	ND (0.00095)	ND (0.0033)	ND (0.0011)	ND (0.0011)	ND (0.0012)	ND (0.0015)	ND (0.001)
1,2-Dibromoethane (Ethylene Dibromide)	NA	-	-	ND (0.00095)	ND (0.0033)	ND (0.0011)	ND (0.0011)	ND (0.0012)	ND (0.0015)	ND (0.001)
1,2-Dichlorobenzene	500	-	-	ND (0.00095)	ND (0.0033)	ND (0.0011)	ND (0.0011)	ND (0.0012)	ND (0.0015)	ND (0.001)
1,2-Dichloroethane	30	-	-	ND (0.00095)	ND (0.0033)	ND (0.0011)	ND (0.0011)	ND (0.0012)	ND (0.0015)	ND (0.001)
1,2-Dichloropropane	NA	-	-	ND (0.00095)	ND (0.0033)	ND (0.0011)	ND (0.0011)	ND (0.0012)	ND (0.0015)	ND (0.001)
1,3,5-Trimethylbenzene	190	-	-	ND (0.00095)	ND (0.0033)	ND (0.0011)	ND (0.0011)	ND (0.0012)	ND (0.0015)	ND (0.001)
1,3-Dichlorobenzene	280	-	-	ND (0.00095)	ND (0.0033)	ND (0.0011)	ND (0.0011)	ND (0.0012)	ND (0.0015) *	ND (0.001)
1,4-Dichlorobenzene	130	-	-	ND (0.00095)	ND (0.0033)	ND (0.0011)	ND (0.0011)	ND (0.0012)	ND (0.0015)	ND (0.001)
2-Butanone (Methyl Ethyl Ketone)	500	-	-	ND (0.0047)	ND (0.017)	ND (0.0055)	ND (0.0056)	ND (0.0062)	ND (0.0077)	ND (0.0051)
2-Hexanone (Methyl Butyl Ketone)	NA	-	-	ND (0.0047)	ND (0.017)	ND (0.0055)	ND (0.0056)	ND (0.0062)	ND (0.0077)	ND (0.0051)
2-Phenylbutane (sec-Butylbenzene)	500	-	-	ND (0.00095)	ND (0.0033)	ND (0.0011)	ND (0.0011)	ND (0.0012)	ND (0.0015) *	ND (0.001)
4-Methyl-2-Pentanone (Methyl Isobutyl Ketone)	NA	-	-	ND (0.0047)	ND (0.017)	ND (0.0055)	ND (0.0056)	ND (0.0062)	ND (0.0077)	ND (0.0051)
Acetone	500	-	-	ND (0.0057)	ND (0.02)	ND (0.0065)	ND (0.0068)	ND (0.0074)	ND (0.0093)	ND (0.0061)
Benzene	44	-	-	ND (0.00095)	ND (0.0033)	ND (0.0011)	ND (0.0011)	ND (0.0012)	ND (0.0015)	ND (0.001)
Bromodichloromethane	NA	-	-	ND (0.00095)	ND (0.0033)	ND (0.0011)	ND (0.0011)	ND (0.0012)	ND (0.0015)	ND (0.001)
Bromoform	NA	-	-	ND (0.00095)	ND (0.0033)	ND (0.0011)	ND (0.0011)	ND (0.0012)	ND (0.0015)	ND (0.001)
Bromomethane (Methyl Bromide)	NA	-	-	ND (0.0019)	ND (0.0067)	ND (0.0022)	ND (0.0023)	ND (0.0025)	ND (0.0031)	ND (0.002)
Carbon disulfide	NA	-	-	ND (0.00095)	ND (0.0033)	ND (0.0011)	ND (0.0011)	ND (0.0012)	ND (0.0015)	ND (0.001)
Carbon tetrachloride	22	-	-	ND (0.00095)	ND (0.0033)	ND (0.0011)	ND (0.0011)	ND (0.0012)	ND (0.0015)	ND (0.001)
Chlorobenzene	500	-	-	ND (0.00095)	ND (0.0033)	ND (0.0011)	ND (0.0011)	ND (0.0012)	ND (0.0015)	ND (0.001)
Chlorobromomethane	NA	-	-	ND (0.00095)	ND (0.0033)	ND (0.0011)	ND (0.0011)	ND (0.0012)	ND (0.0015)	ND (0.001)
Chloroethane	NA	-	-	ND (0.00095)	ND (0.0033)	ND (0.0011)	ND (0.0011)	ND (0.0012)	ND (0.0015)	ND (0.001)
Chloroform (Trichloromethane)	350	-	-	ND (0.00095)	ND (0.0033)	ND (0.0011)	ND (0.0011)	ND (0.0012)	ND (0.0015)	ND (0.001)
Chloromethane (Methyl Chloride)	NA	-	-	ND (0.00095)	ND (0.0033)	ND (0.0011)	ND (0.0011)	ND (0.0012)	ND (0.0015)	ND (0.001)
cis-1,2-Dichloroethene	500	-	-	ND (0.00095)	ND (0.0033)	ND (0.0011)	ND (0.0011)	ND (0.0012)	ND (0.0015)	ND (0.001)
cis-1,3-Dichloropropene	NA	-	-	ND (0.00095)	ND (0.0033)	ND (0.0011)	ND (0.0011)	ND (0.0012)	ND (0.0015)	ND (0.001)
Cyclohexane	NA	-	-	ND (0.00095)	ND (0.0033)	ND (0.0011)	ND (0.0011)	ND (0.0012)	ND (0.0015)	ND (0.001)
Dibromochloromethane	NA	-	-	ND (0.00095)	ND (0.0033)	ND (0.0011)	ND (0.0011)	ND (0.0012)	ND (0.0015)	ND (0.001)
Dichlorodifluoromethane (CFC-12)	NA	-	-	ND (0.00095)	ND (0.0033)	ND (0.0011)	ND (0.0011)	ND (0.0012)	ND (0.0015)	ND (0.001)
Ethylbenzene	390	-	-	ND (0.00095)	ND (0.0033)	ND (0.0011)	ND (0.0011)	ND (0.0012)	ND (0.0015)	ND (0.001)
Isopropylbenzene (Cumene)	NA	-	-	ND (0.00095)	ND (0.0033)	ND (0.0011)	ND (0.0011)	ND (0.0012)	ND (0.0015)	ND (0.001)
m,p-Xylenes	NA	-	-	ND (0.00095)	ND (0.0033)	ND (0.0011)	ND (0.0011)	ND (0.0012)	ND (0.0015)	ND (0.001)
Methyl acetate	NA	-	-	ND (0.0047)	ND (0.017)	ND (0.0055)	ND (0.0056)	ND (0.0062)	ND (0.0077)	ND (0.0051)
Methyl Tert Butyl Ether (MTBE)	500	-	-	ND (0.00095)	ND (0.0033)	ND (0.0011)	ND (0.0011)	ND (0.0012)	ND (0.0015)	ND (0.001)
Methylcyclohexane	NA	-	-	ND (0.00095)	ND (0.0033)	ND (0.0011)	ND (0.0011)	ND (0.0012)	ND (0.0015)	ND (0.001)
Methylene chloride (Dichloromethane)	500	-	-	0.0046	ND (0.0067)	ND (0.0022)	0.0033	ND (0.0025)	ND (0.0031)	ND (0.002)
n-Butylbenzene	500	-	-	ND (0.00095)	ND (0.0033)	ND (0.0011)	ND (0.0011)	ND (0.0012)	ND (0.0015) *	ND (0.001)
n-Propylbenzene	500	-	-	ND (0.00095)	ND (0.0033)	ND (0.0011)	ND (0.0011)	ND (0.0012)	ND (0.0015)	ND (0.001)
o-Xylene	NA	-	-	ND (0.00095)	ND (0.0033)	ND (0.0011)	ND (0.0011)	ND (0.0012)	ND (0.0015)	ND (0.001)
Styrene	NA	-	-	ND (0.00095)	ND (0.0033)	ND (0.0011)	ND (0.0011)	ND (0.0012)	ND (0.0015)	ND (0.001)
tert-Butylbenzene	500	-	-	ND (0.00095)	ND (0.0033)	ND (0.0011)	ND (0.0011)	ND (0.0012)	ND (0.0015)	ND (0.001)
Tetrachloroethene	150	-	-	ND (0.00095)	ND (0.0033)	ND (0.0011)	ND (0.0011)	ND (0.0012)	ND (0.0015)	ND (0.001)
Toluene	500	-	-	ND (0.00095)	ND (0.0033)	ND (0.0011)	0.00043 J	ND (0.0012)	ND (0.0015)	ND (0.001)
trans-1,2-Dichloroethene	500	-	-	ND (0.00095)	ND (0.0033)	ND (0.0011)	ND (0.0011)	ND (0.0012)	ND (0.0015)	ND (0.001)
trans-1,3-Dichloropropene	NA	-	-	ND (0.00095)	ND (0.0033)	ND (0.0011)	ND (0.0011)	ND (0.0012)	ND (0.0015)	ND (0.001)
Trichloroethene	200	-	-	ND (0.00095)	ND (0.0033)	ND (0.0011)	ND (0.0011)	ND (0.0012)	ND (0.0015)	ND (0.001)
Trichlorofluoromethane (CFC-11)	NA	-	-	ND (0.00095)	ND (0.0033)	ND (0.0011)	ND (0.0011)	ND (0.0012)	ND (0.0015)	ND (0.001)
Trifluorotrichloroethane (Freon 113)	NA	-	-	ND (0.00095)	ND (0.0033)	ND (0.0011)	ND (0.0011)	ND (0.0012)	ND (0.0015)	ND (0.001)
Vinyl chloride	13	-	-	ND (0.00095)	ND (0.0033)	ND (0.0011)	ND (0.0011)	ND (0.0012)	ND (0.0015)	ND (0.001)
Xylene (Total)	500	-	-	ND (0.0019)	ND (0.0067)	ND (0.0022)	ND (0.0023)	ND (0.0025)	ND (0.0031)	ND (0.002)

TABLE 3
SUMMARY OF SOIL QUALITY DATA - BERM 3
FORMER PORT MOBIL TERMINAL
STATEN ISLAND, NEW YORK
FILE NO. 0208998

	Criteria									
Location Name	NY Part 375	3G	3G	3G1	3G1	3G1	3G2	3G2	3G3	3G3
Sample Name	Commercial	3G_0-7	3G_7-14	3G1_1-2	3G1_7-8	3G1_13-14	3G2_4-5	3G2_10-11	3G3_3-4	3G3_9-10
Sample Date	Use	10/09/2025	10/09/2025	10/09/2025	10/09/2025	10/09/2025	10/09/2025	10/09/2025	10/09/2025	10/09/2025
Lab Sample ID	Soil Cleanup	460-336881-15	460-336881-16	460-336881-38	460-336881-41	460-336881-44	460-336881-39	460-336881-42	460-336881-40	460-336881-43
Sample Depth (bgs)	Objectives	0 - 7 (ft)	7 - 14 (ft)	1 - 2 (ft)	7 - 8 (ft)	13 - 14 (ft)	4 - 5 (ft)	10 - 11 (ft)	3 - 4 (ft)	9 - 10 (ft)
Semi-Volatile Organic Compounds (mg/kg)										
1,2,4,5-Tetrachlorobenzene	NA	ND (0.35)	ND (0.34)	-	-	-	-	-	-	-
1,4-Dioxane	130	ND (0.035)	ND (0.034)	-	-	-	-	-	-	-
2,2'-oxybis(1-Chloropropane)	NA	ND (0.35)	ND (0.34)	-	-	-	-	-	-	-
2,3,4,6-Tetrachlorophenol	NA	ND (0.35)	ND (0.34)	-	-	-	-	-	-	-
2,4,5-Trichlorophenol	NA	ND (0.35)	ND (0.34)	-	-	-	-	-	-	-
2,4,6-Trichlorophenol	NA	ND (0.14)	ND (0.14)	-	-	-	-	-	-	-
2,4-Dichlorophenol	NA	ND (0.14)	ND (0.14)	-	-	-	-	-	-	-
2,4-Dimethylphenol	NA	ND (0.35)	ND (0.34)	-	-	-	-	-	-	-
2,4-Dinitrophenol	NA	ND (0.28)	ND (0.27)	-	-	-	-	-	-	-
2,4-Dinitrotoluene	NA	ND (0.071)	ND (0.069)	-	-	-	-	-	-	-
2,6-Dinitrotoluene	NA	ND (0.071)	ND (0.069)	-	-	-	-	-	-	-
2-Chloronaphthalene	NA	ND (0.35)	ND (0.34)	-	-	-	-	-	-	-
2-Chlorophenol	NA	ND (0.35)	ND (0.34)	-	-	-	-	-	-	-
2-Methylnaphthalene	NA	ND (0.35)	ND (0.34)	-	-	-	-	-	-	-
2-Methylphenol (o-Cresol)	500	ND (0.35)	ND (0.34)	-	-	-	-	-	-	-
2-Nitroaniline	NA	ND (0.35)	ND (0.34)	-	-	-	-	-	-	-
2-Nitrophenol	NA	ND (0.35)	ND (0.34)	-	-	-	-	-	-	-
3&4-Methylphenol	NA	ND (0.35)	ND (0.34)	-	-	-	-	-	-	-
3,3'-Dichlorobenzidine	NA	ND (0.14)	ND (0.14)	-	-	-	-	-	-	-
3-Nitroaniline	NA	ND (0.35)	ND (0.34)	-	-	-	-	-	-	-
4,6-Dinitro-2-methylphenol	NA	ND (0.28)	ND (0.27)	-	-	-	-	-	-	-
4-Bromophenyl phenyl ether (BDE-3)	NA	ND (0.35)	ND (0.34)	-	-	-	-	-	-	-
4-Chloro-3-methylphenol	NA	ND (0.35)	ND (0.34)	-	-	-	-	-	-	-
4-Chloroaniline	NA	ND (0.35)	ND (0.34)	-	-	-	-	-	-	-
4-Chlorophenyl phenyl ether	NA	ND (0.35)	ND (0.34)	-	-	-	-	-	-	-
4-Methylphenol	500	ND (0.35)	ND (0.34)	-	-	-	-	-	-	-
4-Nitroaniline	NA	ND (0.35)	ND (0.34)	-	-	-	-	-	-	-
4-Nitrophenol	NA	ND (0.71)	ND (0.69)	-	-	-	-	-	-	-
Acenaphthene	500	ND (0.35)	ND (0.34)	-	-	-	-	-	-	-
Acenaphthylene	500	ND (0.35)	ND (0.34)	-	-	-	-	-	-	-
Acetophenone	NA	ND (0.35)	ND (0.34)	-	-	-	-	-	-	-
Anthracene	500	ND (0.35)	ND (0.34)	-	-	-	-	-	-	-
Atrazine	NA	ND (0.14) *	ND (0.14) *	-	-	-	-	-	-	-
Benzaldehyde	NA	ND (0.35)	ND (0.34)	-	-	-	-	-	-	-
Benzo(a)anthracene	5.6	ND (0.035)	ND (0.034)	-	-	-	-	-	-	-
Benzo(a)pyrene	1	ND (0.035)	ND (0.034)	-	-	-	-	-	-	-
Benzo(b)fluoranthene	5.6	ND (0.035)	ND (0.034)	-	-	-	-	-	-	-
Benzo(g,h,i)perylene	500	ND (0.35)	ND (0.34)	-	-	-	-	-	-	-
Benzo(k)fluoranthene	56	ND (0.035)	ND (0.034)	-	-	-	-	-	-	-
Biphenyl	NA	ND (0.35)	ND (0.34)	-	-	-	-	-	-	-
bis(2-Chloroethoxy)methane	NA	ND (0.35)	ND (0.34)	-	-	-	-	-	-	-
bis(2-Chloroethyl)ether	NA	ND (0.035)	ND (0.034)	-	-	-	-	-	-	-
bis(2-Ethylhexyl)phthalate	NA	ND (0.35)	ND (0.34)	-	-	-	-	-	-	-
Butyl benzylphthalate (BBP)	NA	ND (0.35)	ND (0.34)	-	-	-	-	-	-	-
Caprolactam	NA	ND (0.35) *	ND (0.34) *	-	-	-	-	-	-	-
Carbazole	NA	ND (0.35)	ND (0.34)	-	-	-	-	-	-	-
Chrysene	56	ND (0.35)	ND (0.34)	-	-	-	-	-	-	-
Dibenz(a,h)anthracene	0.56	ND (0.035)	ND (0.034)	-	-	-	-	-	-	-
Dibenzofuran	350	ND (0.35)	ND (0.34)	-	-	-	-	-	-	-
Diethyl phthalate	NA	ND (0.35)	ND (0.34)	-	-	-	-	-	-	-
Dimethyl phthalate	NA	ND (0.35)	ND (0.34)	-	-	-	-	-	-	-
Di-n-butylphthalate (DBP)	NA	ND (0.35)	ND (0.34)	-	-	-	-	-	-	-
Di-n-octyl phthalate (DnOP)	NA	ND (0.35)	ND (0.34)	-	-	-	-	-	-	-
Fluoranthene	500	ND (0.35)	ND (0.34)	-	-	-	-	-	-	-
Fluorene	500	ND (0.35)	ND (0.34)	-	-	-	-	-	-	-
Hexachlorobenzene	6	ND (0.035)	ND (0.034)	-	-	-	-	-	-	-
Hexachlorobutadiene	NA	ND (0.071)	ND (0.069)	-	-	-	-	-	-	-
Hexachlorocyclopentadiene	NA	ND (0.35)	ND (0.34)	-	-	-	-	-	-	-
Hexachloroethane	NA	ND (0.035)	ND (0.034)	-	-	-	-	-	-	-
Indeno(1,2,3-cd)pyrene	5.6	ND (0.035)	ND (0.034)	-	-	-	-	-	-	-
Isophorone	NA	ND (0.14)	ND (0.14)	-	-	-	-	-	-	-
Naphthalene	500	ND (0.35)	ND (0.34)	-	-	-	-	-	-	-
Nitrobenzene	NA	ND (0.035)	ND (0.034)	-	-	-	-	-	-	-
N-Nitrosodi-n-propylamine	NA	ND (0.035)	ND (0.034)	-	-	-	-	-	-	-
N-Nitrosodiphenylamine	NA	ND (0.35)	ND (0.34)	-	-	-	-	-	-	-
Pentachlorophenol	6.7	ND (0.28)	ND (0.27)	-	-	-	-	-	-	-
Phenanthrene	500	ND (0.35)	ND (0.34)	-	-	-	-	-	-	-
Phenol	500	ND (0.35)	ND (0.34)	-	-	-	-	-	-	-
Pyrene	500	ND (0.35)	ND (0.34)	-	-	-	-	-	-	-

TABLE 3
SUMMARY OF SOIL QUALITY DATA - BERM 3
FORMER PORT MOBIL TERMINAL
STATEN ISLAND, NEW YORK
FILE NO. 0208998

	Criteria									
Location Name	NY Part 375	3G	3G	3G1	3G1	3G1	3G2	3G2	3G3	3G3
Sample Name	Commercial	3G_0-7	3G_7-14	3G1_1-2	3G1_7-8	3G1_13-14	3G2_4-5	3G2_10-11	3G3_3-4	3G3_9-10
Sample Date	Use	10/09/2025	10/09/2025	10/09/2025	10/09/2025	10/09/2025	10/09/2025	10/09/2025	10/09/2025	10/09/2025
Lab Sample ID	Soil Cleanup	460-336881-15	460-336881-16	460-336881-38	460-336881-41	460-336881-44	460-336881-39	460-336881-42	460-336881-40	460-336881-43
Sample Depth (bgs)	Objectives	0 - 7 (ft)	7 - 14 (ft)	1 - 2 (ft)	7 - 8 (ft)	13 - 14 (ft)	4 - 5 (ft)	10 - 11 (ft)	3 - 4 (ft)	9 - 10 (ft)
PFAS (mg/kg)										
11-Chloroeicosafluoro-3-Oxaundecane-1-Sulfonic Acid (11Cl-PF3OUdS)	NA	ND (0.0002)	ND (0.0002)	-	-	-	-	-	-	-
2H,2H,3H,3H-Perfluorooctanoic acid (5:3 FTCA)	NA	ND (0.00099)	ND (0.00098)	-	-	-	-	-	-	-
3-(Perfluoroheptyl)propanoic acid (7:3 FTCA)	NA	ND (0.00099)	ND (0.00098)	-	-	-	-	-	-	-
3:3 Fluorotelomer carboxylic acid (3:3 FTCA)	NA	ND (0.00039)	ND (0.00039)	-	-	-	-	-	-	-
4,8-Dioxa-3H-Perfluorononanoic Acid (ADONA)	NA	ND (0.0002)	ND (0.0002)	-	-	-	-	-	-	-
4:2 Fluorotelomer sulfonic acid (4:2 FTS)	NA	ND (0.00039)	ND (0.00039)	-	-	-	-	-	-	-
6:2 Fluorotelomer sulfonic acid (6:2 FTS)	NA	ND (0.00039)	ND (0.00039)	-	-	-	-	-	-	-
8:2 Fluorotelomer sulfonic acid (8:2 FTS)	NA	ND (0.00039)	ND (0.00039)	-	-	-	-	-	-	-
9-Chlorohexadecafluoro-3-Oxanone-1-Sulfonic Acid (9Cl-PF3ONS)	NA	ND (0.0002)	ND (0.0002)	-	-	-	-	-	-	-
N-Ethyl Perfluorooctanesulfonamidoacetic Acid (NEtFOSAA)	NA	ND (0.0002)	ND (0.0002)	-	-	-	-	-	-	-
N-Ethylperfluorooctane sulfonamide (N-EtFOSA)	NA	ND (0.0002)	ND (0.0002)	-	-	-	-	-	-	-
N-Ethylperfluorooctane sulfonamidoethanol (N-EtFOSE)	NA	ND (0.00099)	ND (0.00098)	-	-	-	-	-	-	-
N-Methyl Perfluorooctanesulfonamidoacetic Acid (NMeFOSAA)	NA	ND (0.0002)	ND (0.0002)	-	-	-	-	-	-	-
N-Methylperfluorooctane sulfonamide (N-MeFOSA)	NA	ND (0.0002)	ND (0.0002)	-	-	-	-	-	-	-
N-Methylperfluorooctane sulfonamidoethanol (N-MeFOSE)	NA	ND (0.00099)	ND (0.00098)	-	-	-	-	-	-	-
Nonafluoro-3,6-dioxaheptanoic acid (NFDHA)	NA	ND (0.0002)	ND (0.0002)	-	-	-	-	-	-	-
Perfluoro(2-ethoxyethane) sulphonic acid (PFEESA)	NA	ND (0.0002)	ND (0.0002)	-	-	-	-	-	-	-
Perfluoro(4-methoxybutanoic) acid (PFMBA)	NA	ND (0.0002)	ND (0.0002)	-	-	-	-	-	-	-
Perfluoro-2-propoxypropanoic acid (PFPrOPrA)(GenX) (HFPO-DA)	NA	ND (0.0002)	ND (0.0002)	-	-	-	-	-	-	-
Perfluoro-3-methoxypropanoic acid (PFMPA)	NA	ND (0.0002)	ND (0.0002)	-	-	-	-	-	-	-
Perfluorobutanesulfonic acid (PFBS)	NA	ND (0.0002)	ND (0.0002)	-	-	-	-	-	-	-
Perfluorobutanoic acid (PFBA)	NA	ND (0.00039)	ND (0.00039)	-	-	-	-	-	-	-
Perfluorodecanesulfonic acid (PFDS)	NA	ND (0.0002)	ND (0.0002)	-	-	-	-	-	-	-
Perfluorodecanoic acid (PFDA)	NA	ND (0.0002)	ND (0.0002)	-	-	-	-	-	-	-
Perfluorododecane sulfonic acid (PFDoDS)	NA	ND (0.0002)	ND (0.0002)	-	-	-	-	-	-	-
Perfluorododecanoic acid (PFDoDA)	NA	ND (0.0002)	ND (0.0002)	-	-	-	-	-	-	-
Perfluoroheptanesulfonic acid (PFHpS)	NA	ND (0.0002)	ND (0.0002)	-	-	-	-	-	-	-
Perfluoroheptanoic acid (PFHpA)	NA	ND (0.0002)	ND (0.0002)	-	-	-	-	-	-	-
Perfluorohexanesulfonic acid (PFHxS)	NA	ND (0.0002)	ND (0.0002)	-	-	-	-	-	-	-
Perfluorohexanoic acid (PFHxA)	NA	ND (0.0002)	ND (0.0002)	-	-	-	-	-	-	-
Perfluorononane sulfonic acid (PFNS)	NA	ND (0.0002)	ND (0.0002)	-	-	-	-	-	-	-
Perfluorononanoic acid (PFNA)	NA	ND (0.0002)	ND (0.0002)	-	-	-	-	-	-	-
Perfluorooctane sulfonamide (PFOSA)	NA	ND (0.0002)	ND (0.0002)	-	-	-	-	-	-	-
Perfluorooctanesulfonic acid (PFOS)	0.44	ND (0.0002)	ND (0.0002)	-	-	-	-	-	-	-
Perfluorooctanoic acid (PFOA)	0.5	0.000063 J	0.000065 J	-	-	-	-	-	-	-
Perfluoropentanesulfonic acid (PFPeS)	NA	ND (0.0002)	ND (0.0002)	-	-	-	-	-	-	-
Perfluoropentanoic acid (PFPeA)	NA	ND (0.0002)	ND (0.0002)	-	-	-	-	-	-	-
Perfluorotetradecanoic acid (PFTeDA)	NA	ND (0.0002)	ND (0.0002)	-	-	-	-	-	-	-
Perfluorotridecanoic acid (PFTrDA)	NA	ND (0.0002)	ND (0.0002)	-	-	-	-	-	-	-
Perfluoroundecanoic acid (PFUnDA)	NA	ND (0.0002)	ND (0.0002)	-	-	-	-	-	-	-
Pesticides (mg/kg)										
4,4'-DDD	92	ND (0.0071)	ND (0.0069)	-	-	-	-	-	-	-
4,4'-DDE	62	0.006 J	ND (0.0069)	-	-	-	-	-	-	-
4,4'-DDT	47	0.013	ND (0.0069)	-	-	-	-	-	-	-
Aldrin	0.68	ND (0.0071)	ND (0.0069)	-	-	-	-	-	-	-
alpha-BHC	3.4	ND (0.0021) *	ND (0.0021) *	-	-	-	-	-	-	-
alpha-Chlordane (cis)	24	ND (0.0071)	ND (0.0069)	-	-	-	-	-	-	-
beta-BHC	3	ND (0.0021)	ND (0.0021)	-	-	-	-	-	-	-
Chlordane	NA	ND (0.071)	ND (0.069)	-	-	-	-	-	-	-
delta-BHC	500	ND (0.0021) *	ND (0.0021) *	-	-	-	-	-	-	-
Dieldrin	1.4	ND (0.0021) *	ND (0.0021) *	-	-	-	-	-	-	-
Endosulfan I	200	ND (0.0071)	ND (0.0069)	-	-	-	-	-	-	-
Endosulfan II	200	ND (0.0071)	ND (0.0069)	-	-	-	-	-	-	-
Endosulfan sulfate	200	ND (0.0071)	ND (0.0069)	-	-	-	-	-	-	-
Endrin	89	ND (0.0071)	ND (0.0069)	-	-	-	-	-	-	-
Endrin aldehyde	NA	ND (0.0071)	ND (0.0069)	-	-	-	-	-	-	-
Endrin ketone	NA	ND (0.0071)	ND (0.0069)	-	-	-	-	-	-	-
gamma-BHC (Lindane)	9.2	ND (0.0021)	ND (0.0021)	-	-	-	-	-	-	-
Heptachlor	15	ND (0.0071)	ND (0.0069)	-	-	-	-	-	-	-
Heptachlor epoxide	NA	ND (0.0071)	ND (0.0069)	-	-	-	-	-	-	-
Methoxychlor	NA	ND (0.0071)	ND (0.0069)	-	-	-	-	-	-	-
Toxaphene	NA	ND (0.071)	ND (0.069)	-	-	-	-	-	-	-

TABLE 3
SUMMARY OF SOIL QUALITY DATA - BERM 3
FORMER PORT MOBIL TERMINAL
STATEN ISLAND, NEW YORK
FILE NO. 0208998

	Criteria									
Location Name	NY Part 375	3G	3G	3G1	3G1	3G1	3G2	3G2	3G3	3G3
Sample Name	Commercial	3G_0-7	3G_7-14	3G1_1-2	3G1_7-8	3G1_13-14	3G2_4-5	3G2_10-11	3G3_3-4	3G3_9-10
Sample Date	Use	10/09/2025	10/09/2025	10/09/2025	10/09/2025	10/09/2025	10/09/2025	10/09/2025	10/09/2025	10/09/2025
Lab Sample ID	Soil Cleanup	460-336881-15	460-336881-16	460-336881-38	460-336881-41	460-336881-44	460-336881-39	460-336881-42	460-336881-40	460-336881-43
Sample Depth (bgs)	Objectives	0 - 7 (ft)	7 - 14 (ft)	1 - 2 (ft)	7 - 8 (ft)	13 - 14 (ft)	4 - 5 (ft)	10 - 11 (ft)	3 - 4 (ft)	9 - 10 (ft)
Polychlorinated Biphenyls (mg/kg)										
Aroclor-1016 (PCB-1016)	NA	ND (0.071)	ND (0.069)	-	-	-	-	-	-	-
Aroclor-1221 (PCB-1221)	NA	ND (0.071)	ND (0.069)	-	-	-	-	-	-	-
Aroclor-1232 (PCB-1232)	NA	ND (0.071)	ND (0.069)	-	-	-	-	-	-	-
Aroclor-1242 (PCB-1242)	NA	ND (0.071)	ND (0.069)	-	-	-	-	-	-	-
Aroclor-1248 (PCB-1248)	NA	ND (0.071)	ND (0.069)	-	-	-	-	-	-	-
Aroclor-1254 (PCB-1254)	NA	ND (0.071)	ND (0.069)	-	-	-	-	-	-	-
Aroclor-1260 (PCB-1260)	NA	ND (0.071)	ND (0.069)	-	-	-	-	-	-	-
Aroclor-1262 (PCB-1262)	NA	ND (0.071)	ND (0.069)	-	-	-	-	-	-	-
Aroclor-1268 (PCB-1268)	NA	ND (0.071)	ND (0.069)	-	-	-	-	-	-	-
Total PCBs	1	ND (0.071)	ND (0.069)	-	-	-	-	-	-	-
Inorganic Compounds (mg/kg)										
Aluminum	NA	4620	5680	-	-	-	-	-	-	-
Antimony	NA	1.3	0.95	-	-	-	-	-	-	-
Arsenic	16	7	5.3	-	-	-	-	-	-	-
Barium	400	23.1	28.7	-	-	-	-	-	-	-
Beryllium	590	0.45	0.45	-	-	-	-	-	-	-
Cadmium	9.3	0.11 J	0.12 J	-	-	-	-	-	-	-
Calcium	NA	661	492	-	-	-	-	-	-	-
Chromium	NA	12	11.3	-	-	-	-	-	-	-
Cobalt	NA	5.3	4.4	-	-	-	-	-	-	-
Copper	270	27.8	20.5	-	-	-	-	-	-	-
Iron	NA	24800	15300	-	-	-	-	-	-	-
Lead	1000	21.4	22.2	-	-	-	-	-	-	-
Magnesium	NA	1170	1440	-	-	-	-	-	-	-
Manganese	10000	209	168	-	-	-	-	-	-	-
Mercury	2.8	0.013 J	0.014 J	-	-	-	-	-	-	-
Nickel	310	8.7	7.3	-	-	-	-	-	-	-
Potassium	NA	1270	1220	-	-	-	-	-	-	-
Selenium	1500	0.29 J	0.22 J	-	-	-	-	-	-	-
Silver	1500	0.1 J	0.076 J	-	-	-	-	-	-	-
Sodium	NA	ND (78.1)	ND (81)	-	-	-	-	-	-	-
Thallium	NA	0.049 J	0.061 J	-	-	-	-	-	-	-
Vanadium	NA	19.6	19.5	-	-	-	-	-	-	-
Zinc	10000	29.2	31.2	-	-	-	-	-	-	-

ABBREVIATIONS AND NOTES:

mg/kg: milligram per kilogram

**: LCS or LCSD is outside acceptance limits.*
-: Not Analyzed
B: Compound was found in the blank and the associated sample.
bgs: below ground surface
ft: feet
J: Value is estimated.
NA: Not Applicable
ND (2.5): Not detected, number in parentheses is the laboratory reporting limit

- For test methods used, see the laboratory data sheets.
- Soil analytical results are compared to the New York State Department of Environmental Conservation (NYSDEC) Title 6 of the Official Compilation of New York Codes, Rules, and Regulations (NYCRR) Part 375 Commercial Use Soil Cleanup Objectives (SCO).
- Grey shading indicates an exceedance of the Commercial Use Soil Cleanup Objectives.

TABLE 4
SUMMARY OF SOIL QUALITY DATA - BERM 4
FORMER PORT MOBIL TERMINAL
STATEN ISLAND, NEW YORK
FILE NO. 0208998

	Criteria																		
Location Name	NY Part 375	4A	4A	4A1	4A1	4A1	4A2	4A2	4A3	4A3	4B	4B	4B1	4B1	4B2	4B2	4B2	4B3	4B3
Sample Name	Commercial	4A_0-7	4A_7-14	4A1_2-3	4A1_7-8	4A1_12-13	4A2_3-4	4A2_9-10	4A3_5-6	4A3_10-11	4B_0-7	4B_7-14	4B1_2-3	4B1_7-8	4B2_3-4	4B2_8-9	4B2_11-12	4B3_5-6	4B3_10-11
Sample Date	Use	10/02/2025	10/02/2025	10/02/2025	10/02/2025	10/02/2025	10/02/2025	10/02/2025	10/02/2025	10/02/2025	10/02/2025	10/02/2025	10/02/2025	10/02/2025	10/02/2025	10/02/2025	10/02/2025	10/02/2025	10/02/2025
Lab Sample ID	Soil Cleanup	460-336309-7	460-336309-8	460-336309-40	460-336309-43	460-336309-46	460-336309-41	460-336309-44	460-336309-42	460-336309-45	460-336309-9	460-336309-10	460-336309-47	460-336309-50	460-336309-48	460-336309-51	460-336309-53	460-336309-49	460-336309-52
Sample Depth (bgs)	Objectives	0 - 7 (ft)	7 - 14 (ft)	2 - 3 (ft)	7 - 8 (ft)	12 - 13 (ft)	3 - 4 (ft)	9 - 10 (ft)	5 - 6 (ft)	10 - 11 (ft)	0 - 7 (ft)	7 - 14 (ft)	2 - 3 (ft)	7 - 8 (ft)	3 - 4 (ft)	8 - 9 (ft)	11 - 12 (ft)	5 - 6 (ft)	10 - 11 (ft)
Volatile Organic Compounds (mg/kg)																			
1,1,1-Trichloroethane	500	-	-	ND (0.0015)	ND (0.0012)	ND (0.00063)	ND (0.001)	ND (0.00097)	ND (0.00099)	ND (0.00094)	-	-	ND (0.0012)	ND (0.0013)	ND (0.0012)	ND (0.0009)	ND (0.062)	ND (0.0011)	ND (0.00084)
1,1,2,2-Tetrachloroethane	NA	-	-	ND (0.0015)	ND (0.0012)	ND (0.00063)	ND (0.001)	ND (0.00097)	ND (0.00099)	ND (0.00094)	-	-	ND (0.0012)	ND (0.0013)	ND (0.0012)	ND (0.0009)	ND (0.062)	ND (0.0011)	ND (0.00084)
1,1,2-Trichloroethane	NA	-	-	ND (0.0015)	ND (0.0012)	ND (0.00063)	ND (0.001)	ND (0.00097)	ND (0.00099)	ND (0.00094)	-	-	ND (0.0012)	ND (0.0013)	ND (0.0012)	ND (0.0009)	ND (0.062)	ND (0.0011)	ND (0.00084)
1,1-Dichloroethane	240	-	-	ND (0.0015)	ND (0.0012)	ND (0.00063)	ND (0.001)	ND (0.00097)	ND (0.00099)	ND (0.00094)	-	-	ND (0.0012)	ND (0.0013)	ND (0.0012)	ND (0.0009)	ND (0.062)	ND (0.0011)	ND (0.00084)
1,1-Dichloroethene	500	-	-	ND (0.0015)	ND (0.0012)	ND (0.00063)	ND (0.001)	ND (0.00097)	ND (0.00099)	ND (0.00094)	-	-	ND (0.0012)	ND (0.0013)	ND (0.0012)	ND (0.0009)	ND (0.062)	ND (0.0011)	ND (0.00084)
1,2,3-Trichlorobenzene	NA	-	-	ND (0.0015)	ND (0.0012)	ND (0.00063)	ND (0.001)	ND (0.00097)	ND (0.00099)	ND (0.00094)	-	-	ND (0.0012)	ND (0.0013)	ND (0.0012)	ND (0.0009)	ND (0.062)	ND (0.0011)	ND (0.00084)
1,2,4-Trichlorobenzene	NA	-	-	ND (0.0015)	ND (0.0012)	ND (0.00063)	ND (0.001)	ND (0.00097)	ND (0.00099)	ND (0.00094)	-	-	ND (0.0012)	ND (0.0013)	ND (0.0012)	ND (0.0009)	ND (0.062)	ND (0.0011)	ND (0.00084)
1,2,4-Trimethylbenzene	190	-	-	ND (0.0015)	ND (0.0012)	ND (0.00063)	ND (0.001)	ND (0.00097)	ND (0.00099)	ND (0.00094)	-	-	ND (0.0012)	ND (0.0013)	ND (0.0012)	ND (0.0009)	ND (0.062)	ND (0.0011)	ND (0.00084)
1,2-Dibromo-3-chloropropane (DBCP)	NA	-	-	ND (0.0015)	ND (0.0012)	ND (0.00063)	ND (0.001)	ND (0.00097)	ND (0.00099)	ND (0.00094)	-	-	ND (0.0012)	ND (0.0013)	ND (0.0012)	ND (0.0009)	ND (0.062)	ND (0.0011)	ND (0.00084)
1,2-Dibromoethane (Ethylene Dibromide)	NA	-	-	ND (0.0015)	ND (0.0012)	ND (0.00063)	ND (0.001)	ND (0.00097)	ND (0.00099)	ND (0.00094)	-	-	ND (0.0012)	ND (0.0013)	ND (0.0012)	ND (0.0009)	ND (0.062)	ND (0.0011)	ND (0.00084)
1,2-Dichlorobenzene	500	-	-	ND (0.0015)	ND (0.0012)	ND (0.00063)	ND (0.001)	ND (0.00097)	ND (0.00099)	ND (0.00094)	-	-	ND (0.0012)	ND (0.0013)	ND (0.0012)	ND (0.0009)	ND (0.062)	ND (0.0011)	ND (0.00084)
1,2-Dichloroethane	30	-	-	ND (0.0015)	ND (0.0012)	ND (0.00063)	ND (0.001)	ND (0.00097)	ND (0.00099)	ND (0.00094)	-	-	ND (0.0012)	ND (0.0013)	ND (0.0012)	ND (0.0009)	ND (0.062)	ND (0.0011)	ND (0.00084)
1,2-Dichloropropane	NA	-	-	ND (0.0015)	ND (0.0012)	ND (0.00063)	ND (0.001)	ND (0.00097)	ND (0.00099)	ND (0.00094)	-	-	ND (0.0012)	ND (0.0013)	ND (0.0012)	ND (0.0009)	ND (0.062)	ND (0.0011)	ND (0.00084)
1,3,5-Trimethylbenzene	190	-	-	ND (0.0015)	ND (0.0012)	ND (0.00063)	ND (0.001)	ND (0.00097)	ND (0.00099)	ND (0.00094)	-	-	ND (0.0012)	ND (0.0013)	ND (0.0012)	ND (0.0009)	ND (0.062)	ND (0.0011)	ND (0.00084)
1,3-Dichlorobenzene	280	-	-	ND (0.0015)	ND (0.0012)	ND (0.00063)	ND (0.001)	ND (0.00097)	ND (0.00099)	ND (0.00094)	-	-	ND (0.0012)	ND (0.0013)	ND (0.0012)	ND (0.0009)	ND (0.062)	ND (0.0011)	ND (0.00084)
1,4-Dichlorobenzene	130	-	-	ND (0.0015)	ND (0.0012)	ND (0.00063)	ND (0.001)	ND (0.00097)	ND (0.00099)	ND (0.00094)	-	-	ND (0.0012)	ND (0.0013)	ND (0.0012)	ND (0.0009)	ND (0.062)	ND (0.0011)	ND (0.00084)
2-Butanone (Methyl Ethyl Ketone)	500	-	-	ND (0.0077)	ND (0.0059)	ND (0.0032)	ND (0.0052)	ND (0.0048)	ND (0.0049)	ND (0.0047)	-	-	ND (0.0058)	ND (0.0067)	ND (0.0058)	ND (0.0045)	ND (0.31)	ND (0.0054)	ND (0.0042)
2-Hexanone (Methyl Butyl Ketone)	NA	-	-	ND (0.0077)	ND (0.0059)	ND (0.0032)	ND (0.0052)	ND (0.0048)	ND (0.0049)	ND (0.0047)	-	-	ND (0.0058)	ND (0.0067)	ND (0.0058)	ND (0.0045)	ND (0.31) *	ND (0.0054)	ND (0.0042)
2-Phenylbutane (sec-Butylbenzene)	500	-	-	ND (0.0015)	ND (0.0012)	ND (0.00063)	ND (0.001)	ND (0.00097)	ND (0.00099)	ND (0.00094)	-	-	ND (0.0012)	ND (0.0013)	ND (0.0012)	ND (0.0009)	ND (0.062)	ND (0.0011)	ND (0.00084)
4-Methyl-2-Pentanone (Methyl Isobutyl Ketone)	NA	-	-	ND (0.0077)	ND (0.0059)	ND (0.0032)	ND (0.0052)	ND (0.0048)	ND (0.0049)	ND (0.0047)	-	-	ND (0.0058)	ND (0.0067)	ND (0.0058)	ND (0.0045)	ND (0.31)	ND (0.0054)	ND (0.0042)
Acetone	500	-	-	ND (0.0093)	ND (0.007)	ND (0.0038)	ND (0.0063)	ND (0.0058)	ND (0.0059)	ND (0.0056)	-	-	ND (0.0069)	ND (0.008)	ND (0.0069)	ND (0.0054)	ND (0.31)	ND (0.0065)	ND (0.0051)
Benzene	44	-	-	ND (0.0015)	ND (0.0012)	ND (0.00063)	ND (0.001)	ND (0.00097)	ND (0.00099)	ND (0.00094)	-	-	ND (0.0012)	ND (0.0013)	ND (0.0012)	ND (0.0009)	ND (0.062)	ND (0.0011)	ND (0.00084)
Bromodichloromethane	NA	-	-	ND (0.0015)	ND (0.0012)	ND (0.00063)	ND (0.001)	ND (0.00097)	ND (0.00099)	ND (0.00094)	-	-	ND (0.0012)	ND (0.0013)	ND (0.0012)	ND (0.0009)	ND (0.062)	ND (0.0011)	ND (0.00084)
Bromoform	NA	-	-	ND (0.0015)	ND (0.0012)	ND (0.00063)	ND (0.001)	ND (0.00097)	ND (0.00099)	ND (0.00094)	-	-	ND (0.0012)	ND (0.0013)	ND (0.0012)	ND (0.0009)	ND (0.062)	ND (0.0011)	ND (0.00084)
Bromomethane (Methyl Bromide)	NA	-	-	ND (0.0031)	ND (0.0023)	ND (0.0013)	ND (0.0021)	ND (0.0019)	ND (0.002)	ND (0.0019)	-	-	ND (0.0023)	ND (0.0027)	ND (0.0023)	ND (0.0018)	ND (0.062)	ND (0.0022)	ND (0.0017)
Carbon disulfide	NA	-	-	ND (0.0015)	ND (0.0012)	ND (0.00063)	ND (0.001)	ND (0.00097)	ND (0.00099)	ND (0.00094)	-	-	ND (0.0012)	ND (0.0013)	ND (0.0012)	ND (0.0009)	ND (0.062)	ND (0.0011)	ND (0.00084)
Carbon tetrachloride	22	-	-	ND (0.0015)	ND (0.0012)	ND (0.00063)	ND (0.001)	ND (0.00097)	ND (0.00099)	ND (0.00094)	-	-	ND (0.0012)	ND (0.0013)	ND (0.0012)	ND (0.0009)	ND (0.062)	ND (0.0011)	ND (0.00084)
Chlorobenzene	500	-	-	ND (0.0015)	ND (0.0012)	ND (0.00063)	ND (0.001)	ND (0.00097)	ND (0.00099)	ND (0.00094)	-	-	ND (0.0012)	ND (0.0013)	ND (0.0012)	ND (0.0009)	ND (0.062)	ND (0.0011)	ND (0.00084)
Chlorobromomethane	NA	-	-	ND (0.0015)	ND (0.0012)	ND (0.00063)	ND (0.001)	ND (0.00097)	ND (0.00099)	ND (0.00094)	-	-	ND (0.0012)	ND (0.0013)	ND (0.0012)	ND (0.0009)	ND (0.062)	ND (0.0011)	ND (0.00084)
Chloroethane	NA	-	-	ND (0.0015)	ND (0.0012)	ND (0.00063)	ND (0.001)	ND (0.00097)	ND (0.00099)	ND (0.00094)	-	-	ND (0.0012)	ND (0.0013)	ND (0.0012)	ND (0.0009)	ND (0.062)	ND (0.0011)	ND (0.00084)
Chloroform (Trichloromethane)	350	-	-	ND (0.0015)	ND (0.0012)	ND (0.00063)	ND (0.001)	ND (0.00097)	ND (0.00099)	ND (0.00094)	-	-	ND (0.0012)	ND (0.0013)	ND (0.0012)	ND (0.0009)	ND (0.062)	ND (0.0011)	ND (0.00084)
Chloromethane (Methyl Chloride)	NA	-	-	ND (0.0015)	ND (0.0012)	ND (0.00063)	ND (0.001)	ND (0.00097)	ND (0.00099)	ND (0.00094)	-	-	ND (0.0012)	ND (0.0013)	ND (0.0012)	ND (0.0009)	ND (0.062)	ND (0.0011)	ND (0.00084)
cis-1,2-Dichloroethene	500	-	-	ND (0.0015)	ND (0.0012)	ND (0.00063)	ND (0.001)	ND (0.00097)	ND (0.00099)	ND (0.00094)	-	-	ND (0.0012)	ND (0.0013)	ND (0.0012)	ND (0.0009)	ND (0.062)	ND (0.0011)	ND (0.00084)
cis-1,3-Dichloropropene	NA	-	-	ND (0.0015)	ND (0.0012)	ND (0.00063)	ND (0.001)	ND (0.00097)	ND (0.00099)	ND (0.00094)	-	-	ND (0.0012)	ND (0.0013)	ND (0.0012)	ND (0.0009)	ND (0.062)	ND (0.0011)	ND (0.00084)
Cyclohexane	NA	-	-	ND (0.0015)	ND (0.0012)	ND (0.00063)	ND (0.001)	ND (0.00097)	ND (0.00099)	ND (0.00094)	-	-	ND (0.0012)	ND (0.0013)	ND (0.0012)	ND (0.0009)	ND (0.062)	ND (0.0011)	ND (0.00084)
Dibromochloromethane	NA	-	-	ND (0.0015)	ND (0.0012)	ND (0.00063)	ND (0.001)	ND (0.00097)	ND (0.00099)	ND (0.00094)	-	-	ND (0.0012)	ND (0.0013)	ND (0.0012)	ND (0.0009)	ND (0.062)	ND (0.0011)	ND (0.00084)
Dichlorodifluoromethane (CFC-12)	NA	-	-	ND (0.0015) *	ND (0.0012) *	ND (0.00063) *	ND (0.001) *	ND (0.00097) *	ND (0.00099) *	ND (0.00094) *	-	-	ND (0.0012) *	ND (0.0013) *	ND (0.0012) *	ND (0.0009) *	ND (0.062)	ND (0.0011) *	ND (0.00084) *
Ethylbenzene	390	-	-	ND (0.0015)	ND (0.0012)	ND (0.00063)	ND (0.001)	ND (0.00097)	ND (0.00099)	ND (0.00094)	-	-	ND (0.0012)	ND (0.0013)	ND (0.0012)	ND (0.0009)	ND (0.062)	ND (0.0011)	ND (0.00084)
Isopropylbenzene (Cumene)	NA	-	-	ND (0.0015)	ND (0.0012)	ND (0.00063)	ND (0.001)	ND (0.00097)	ND (0.00099)	ND (0.00094)	-	-	ND (0.0012)	ND (0.0013)	ND (0.0012)	ND (0.0009)	ND (0.062)	ND (0.0011)	ND (0.00084)
m,p-Xylenes	NA	-	-	ND (0.0015)	ND (0.0012)	ND (0.00063)	ND (0.001)	ND (0.00097)	ND (0.00099)	ND (0.00094)	-	-	ND (0.0012)	ND (0.0013)	ND (0.0012)	ND (0.0009)	ND (0.062)	ND (0.0011)	ND (0.00084)
Methyl acetate	NA	-	-	ND (0.0077)	ND (0.0059)	ND (0.0032)	ND (0.0052)	ND (0.0048)	ND (0.0049)	0.0041 J	-	-	ND (0.0058)	ND (0.0067)	ND (0.0058)	ND (0.0045)	ND (0.31)	ND (0.0054)	ND (0.0042)
Methyl Tert Butyl Ether (MTBE)	500	-	-	ND (0.0015)	ND (0.0012)	ND (0.00063)	ND (0.001)	ND (0.00097)	ND (0.00099)	ND (0.00094)	-	-	ND (0.0012)	ND (0.0013)	ND (0.0012)	ND (0.0009)	ND (0.062)	ND (0.0011)	ND (0.00084)
Methylcyclohexane	NA	-	-	ND (0.0015)	ND (0.0012)	ND (0.00063)	ND (0.001)	ND (0.00097)	ND (0.00099)	ND (0.00094)	-	-	ND (0.0012)	ND (0.0013)	ND (0.0012)	ND (0.0009)	ND (0.062)	ND (0.0011)	ND (0.00084)
Methylene chloride (Dichloromethane)	500	-	-	0.0042	ND (0.0023)	ND (0.0013)	ND (0.0021)	0.0045	0.002	0.0032	-	-	0.0046	0.0073	0.0053	0.0028	ND (0.062)	0.0034	0.0019
n-Butylbenzene	500	-	-	ND (0.0015)	ND (0.0012)	ND (0.00063)	ND (0.001)	ND (0.00097)	ND (0.00099)	ND (0.00094)	-	-	ND (0.0012)	ND (0.0013)	ND (0.0012)	ND (0.0009)	ND (0.062)	ND (0.0011)	ND (0.00084)
n-Propylbenzene	500	-	-	ND (0.0015)	ND (0.0012)	ND (0.00063)	ND (0.001)	ND (0.00097)	ND (0.00099)	ND (0.00094)	-	-	ND (0.0012)	ND (0.0013)	ND (0.0012)	ND (0.0009)	ND (0.062)	ND (0.0011)	ND (0.00084)
o-Xylene	NA	-	-	ND (0.0015)	ND (0.0012)	ND (0.00063)	ND (0.001)	ND (0.00097)	ND (0.00099)	ND (0.00094)	-	-	ND (0.0012)	ND (0.0013)	ND (0.0012)	ND (0.0009)	ND (0.062)	ND (0.0011)	ND (0.00084)
Styrene	NA	-	-	ND (0.0015)	ND (0.0012)	ND (0.00063)	ND (0.001)	ND (0.00097)	ND (0.00099)	ND (0.00094)	-	-	ND (0.0012)	ND (0.0013)	ND (0.0012)	ND (0.0009)	ND (0.062)	ND (0.0011)	ND (0.00084)
tert-Butylbenzene	500	-	-	ND (0.0015)	ND (0.0012)	ND (0.00063)	ND (0.001)	ND (0.00097)	ND (0.00099)	ND (0.00094)	-	-	ND (0.0012)	ND (0.0013)	ND (0.0012)	ND (0.0009)	ND (0.062) *	ND (0.0011)	ND (0.00084)
Tetrachloroethene	150	-	-	ND (0.0015)	ND (0.0012)	ND (0.00063)	ND (0.001)	ND (0.00097)	ND (0.00099)	ND (0.00094)	-	-	ND (0.0012)	ND (0.0013)	ND (0.0012)	ND (0.0009)	ND (0.062)	ND (0.0011)	ND (0.00084)
Toluene	500	-	-	ND (0.0015)	ND (0.0012)	ND (0.00063)	ND (0.001)	ND (0.00097)	ND (0.00099)	ND (0.00094)	-	-	ND (0.0012)	ND (0.0013)	ND (0.0012)	ND (0.0009)	ND (0.062)	ND (0.0011)	ND (0.00084)
trans-1,2-Dichloroethene	500	-	-	ND (0.0015)	ND (0.0012)	ND (0.00063)	ND (0.001)	ND (0.00097)	ND (0.00099)	ND (0.00094)	-	-	ND (0.0012)	ND (0.0013)	ND (0.0012)	ND (0.0009)	ND (0.062)	ND (0.0011)	ND (0.00084)
trans-1,3-Dichloropropene	NA	-	-	ND (0.0015)	ND (0.0012)	ND (0.00063)	ND (0.001)	ND (0.00097)	ND (0.00099)	ND (0.00094)	-	-	ND (0.0012)	ND (0.0013)	ND (0.0012)	ND (0.0009)	ND (0.062)	ND (0.0011)	ND (0.00084)
Trichloroethene	200	-	-	ND (0.0015)	ND (0.0012)	ND (0.00063)	ND (0.001)	ND (0.00097)	ND (0.00099)	ND (0.00094)	-	-	ND (0.0012)	ND (0.0013)	ND (0.0012)	ND (0.0009)	ND (0.062)	ND (0.0011)	ND (0.00084)
Trichlorofluoromethane (CFC-11)	NA	-	-	ND (0.0015)	ND (0.0012)	ND (0.00063)	ND (0.001)	ND (0.00097)	ND (0.00099)	ND (0.00094)	-	-	ND (0.0012)	ND (0.0013)	ND (0.0012)	ND (0.0009)	ND (0.062)	ND (0.0011)	ND (0.00084)
Trifluorotrichloroethane (Freon 113)	NA	-	-	ND (0.0015)	ND (0.0012)	ND (0.00063)	ND (0.001)	ND (0.00097)	ND (0.00099)	ND (0.00094)	-	-	ND (0.0012)	ND (0.0013)	ND (0.0012)	ND (0.0009)	ND (0.062)	ND (0.0011)	ND (0.00084)
Vinyl chloride	13	-	-	ND (0.0015)	ND (0.0012)	ND (0.00063)	ND (0.001)	ND (0.00097)	ND (0.00099)	ND (0.00094)	-	-	ND (0.0012)	ND (0.0013)	ND (0.0012)	ND (0.0009)	ND (0.062)	ND (0.0011)	ND (0.00084)
Xylene (Total)	500	-	-	ND (0.0031)	ND (0.0023)	ND (0.0013)	ND (0.0021)	ND (0.0019)	ND (0.002)	ND (0.0019)	-	-	ND (0.0023)	ND (0.0027)	ND (0.0023)	ND (0.0018)	ND (0.12)	ND (0.0022)	ND (0.0017)

TABLE 4
SUMMARY OF SOIL QUALITY DATA - BERM 4
FORMER PORT MOBIL TERMINAL
STATEN ISLAND, NEW YORK
FILE NO. 0208998

Location Name	Criteria	4A	4A	4A1	4A1	4A1	4A2	4A2	4A3	4A3	4B	4B	4B1	4B1	4B2	4B2	4B2	4B3	4B3
Sample Name	NY Part 375	4A_0-7	4A_7-14	4A1_2-3	4A1_7-8	4A1_12-13	4A2_3-4	4A2_9-10	4A3_5-6	4A3_10-11	4B_0-7	4B_7-14	4B1_2-3	4B1_7-8	4B2_3-4	4B2_8-9	4B2_11-12	4B3_5-6	4B3_10-11
Sample Date	Commercial Use	10/02/2025	10/02/2025	10/02/2025	10/02/2025	10/02/2025	10/02/2025	10/02/2025	10/02/2025	10/02/2025	10/02/2025	10/02/2025	10/02/2025	10/02/2025	10/02/2025	10/02/2025	10/02/2025	10/02/2025	10/02/2025
Lab Sample ID	Soil Cleanup	460-336309-7	460-336309-8	460-336309-40	460-336309-43	460-336309-46	460-336309-41	460-336309-44	460-336309-42	460-336309-45	460-336309-9	460-336309-10	460-336309-47	460-336309-50	460-336309-48	460-336309-51	460-336309-53	460-336309-49	460-336309-52
Sample Depth (bgs)	Objectives	0 - 7 (ft)	7 - 14 (ft)	2 - 3 (ft)	7 - 8 (ft)	12 - 13 (ft)	3 - 4 (ft)	9 - 10 (ft)	5 - 6 (ft)	10 - 11 (ft)	0 - 7 (ft)	7 - 14 (ft)	2 - 3 (ft)	7 - 8 (ft)	3 - 4 (ft)	8 - 9 (ft)	11 - 12 (ft)	5 - 6 (ft)	10 - 11 (ft)
Semi-Volatile Organic Compounds (mg/kg)																			
1,2,4,5-Tetrachlorobenzene	NA	ND (0.35)	ND (0.36)	-	-	-	-	-	-	-	ND (0.36)	ND (0.36)	-	-	-	-	-	-	-
1,4-Dioxane	130	ND (0.035)	ND (0.036)	-	-	-	-	-	-	-	ND (0.036)	ND (0.036)	-	-	-	-	-	-	-
2,2'-oxybis(1-Chloropropane)	NA	ND (0.35)	ND (0.36)	-	-	-	-	-	-	-	ND (0.36)	ND (0.36)	-	-	-	-	-	-	-
2,3,4,6-Tetrachlorophenol	NA	ND (0.35)	ND (0.36)	-	-	-	-	-	-	-	ND (0.36)	ND (0.36)	-	-	-	-	-	-	-
2,4,5-Trichlorophenol	NA	ND (0.35)	ND (0.36)	-	-	-	-	-	-	-	ND (0.36)	ND (0.36)	-	-	-	-	-	-	-
2,4,6-Trichlorophenol	NA	ND (0.14)	ND (0.14)	-	-	-	-	-	-	-	ND (0.14)	ND (0.15)	-	-	-	-	-	-	-
2,4-Dichlorophenol	NA	ND (0.14)	ND (0.14)	-	-	-	-	-	-	-	ND (0.14)	ND (0.15)	-	-	-	-	-	-	-
2,4-Dimethylphenol	NA	ND (0.35)	ND (0.36)	-	-	-	-	-	-	-	ND (0.36)	ND (0.36)	-	-	-	-	-	-	-
2,4-Dinitrophenol	NA	ND (0.28)	ND (0.29)	-	-	-	-	-	-	-	ND (0.29)	ND (0.29)	-	-	-	-	-	-	-
2,4-Dinitrotoluene	NA	ND (0.071)	ND (0.073)	-	-	-	-	-	-	-	ND (0.072)	ND (0.073)	-	-	-	-	-	-	-
2,6-Dinitrotoluene	NA	ND (0.071)	ND (0.073)	-	-	-	-	-	-	-	ND (0.072)	ND (0.073)	-	-	-	-	-	-	-
2-Chloronaphthalene	NA	ND (0.35)	ND (0.36)	-	-	-	-	-	-	-	ND (0.36)	ND (0.36)	-	-	-	-	-	-	-
2-Chlorophenol	NA	ND (0.35)	ND (0.36)	-	-	-	-	-	-	-	ND (0.36)	ND (0.36)	-	-	-	-	-	-	-
2-Methylnaphthalene	NA	ND (0.35)	ND (0.36)	-	-	-	-	-	-	-	ND (0.36)	ND (0.36)	-	-	-	-	-	-	-
2-Methylphenol (o-Cresol)	500	ND (0.35)	ND (0.36)	-	-	-	-	-	-	-	ND (0.36)	ND (0.36)	-	-	-	-	-	-	-
2-Nitroaniline	NA	ND (0.35)	ND (0.36)	-	-	-	-	-	-	-	ND (0.36)	ND (0.36)	-	-	-	-	-	-	-
2-Nitrophenol	NA	ND (0.35)	ND (0.36)	-	-	-	-	-	-	-	ND (0.36)	ND (0.36)	-	-	-	-	-	-	-
3&4-Methylphenol	NA	ND (0.35)	ND (0.36)	-	-	-	-	-	-	-	ND (0.36)	ND (0.36)	-	-	-	-	-	-	-
3,3'-Dichlorobenzidine	NA	ND (0.14)	ND (0.14)	-	-	-	-	-	-	-	ND (0.14)	ND (0.15)	-	-	-	-	-	-	-
3-Nitroaniline	NA	ND (0.35)	ND (0.36)	-	-	-	-	-	-	-	ND (0.36)	ND (0.36)	-	-	-	-	-	-	-
4,6-Dinitro-2-methylphenol	NA	ND (0.28)	ND (0.29)	-	-	-	-	-	-	-	ND (0.29)	ND (0.29)	-	-	-	-	-	-	-
4-Bromophenyl phenyl ether (BDE-3)	NA	ND (0.35)	ND (0.36)	-	-	-	-	-	-	-	ND (0.36)	ND (0.36)	-	-	-	-	-	-	-
4-Chloro-3-methylphenol	NA	ND (0.35)	ND (0.36)	-	-	-	-	-	-	-	ND (0.36)	ND (0.36)	-	-	-	-	-	-	-
4-Chloroaniline	NA	ND (0.35)	ND (0.36)	-	-	-	-	-	-	-	ND (0.36)	ND (0.36)	-	-	-	-	-	-	-
4-Chlorophenyl phenyl ether	NA	ND (0.35)	ND (0.36)	-	-	-	-	-	-	-	ND (0.36)	ND (0.36)	-	-	-	-	-	-	-
4-Methylphenol	500	ND (0.35)	ND (0.36)	-	-	-	-	-	-	-	ND (0.36)	ND (0.36)	-	-	-	-	-	-	-
4-Nitroaniline	NA	ND (0.35)	ND (0.36)	-	-	-	-	-	-	-	ND (0.36)	ND (0.36)	-	-	-	-	-	-	-
4-Nitrophenol	NA	ND (0.71)	ND (0.73)	-	-	-	-	-	-	-	ND (0.72)	ND (0.73)	-	-	-	-	-	-	-
Acenaphthene	500	ND (0.35)	ND (0.36)	-	-	-	-	-	-	-	ND (0.36)	ND (0.36)	-	-	-	-	-	-	-
Acenaphthylene	500	ND (0.35)	ND (0.36)	-	-	-	-	-	-	-	ND (0.36)	ND (0.36)	-	-	-	-	-	-	-
Acetophenone	NA	ND (0.35)	ND (0.36)	-	-	-	-	-	-	-	ND (0.36)	ND (0.36)	-	-	-	-	-	-	-
Anthracene	500	ND (0.35)	ND (0.36)	-	-	-	-	-	-	-	ND (0.36)	ND (0.36)	-	-	-	-	-	-	-
Atrazine	NA	ND (0.14) *	ND (0.14) *	-	-	-	-	-	-	-	ND (0.14) *	ND (0.15) *	-	-	-	-	-	-	-
Benzaldehyde	NA	ND (0.35) *	ND (0.36) *	-	-	-	-	-	-	-	ND (0.36) *	ND (0.36) *	-	-	-	-	-	-	-
Benzo(a)anthracene	5.6	0.032 J	ND (0.036)	-	-	-	-	-	-	-	ND (0.036)	ND (0.036)	-	-	-	-	-	-	-
Benzo(a)pyrene	1	0.025 J	ND (0.036)	-	-	-	-	-	-	-	ND (0.036)	ND (0.036)	-	-	-	-	-	-	-
Benzo(b)fluoranthene	5.6	0.035	ND (0.036)	-	-	-	-	-	-	-	ND (0.036)	ND (0.036)	-	-	-	-	-	-	-
Benzo(g,h,i)perylene	500	0.035 J	0.018 J	-	-	-	-	-	-	-	ND (0.36)	ND (0.36)	-	-	-	-	-	-	-
Benzo(k)fluoranthene	56	0.013 J	ND (0.036)	-	-	-	-	-	-	-	ND (0.036)	ND (0.036)	-	-	-	-	-	-	-
Biphenyl	NA	ND (0.35)	ND (0.36)	-	-	-	-	-	-	-	ND (0.36)	ND (0.36)	-	-	-	-	-	-	-
bis(2-Chloroethoxy)methane	NA	ND (0.35)	ND (0.36)	-	-	-	-	-	-	-	ND (0.36)	ND (0.36)	-	-	-	-	-	-	-
bis(2-Chloroethyl)ether	NA	ND (0.035)	ND (0.036)	-	-	-	-	-	-	-	ND (0.036)	ND (0.036)	-	-	-	-	-	-	-
bis(2-Ethylhexyl)phthalate	NA	ND (0.35)	ND (0.36)	-	-	-	-	-	-	-	ND (0.36)	ND (0.36)	-	-	-	-	-	-	-
Butyl benzylphthalate (BBP)	NA	ND (0.35)	ND (0.36)	-	-	-	-	-	-	-	ND (0.36)	ND (0.36)	-	-	-	-	-	-	-
Caprolactam	NA	ND (0.35) *	ND (0.36) *	-	-	-	-	-	-	-	ND (0.36) *	ND (0.36) *	-	-	-	-	-	-	-
Carbazole	NA	ND (0.35)	ND (0.36)	-	-	-	-	-	-	-	ND (0.36)	ND (0.36)	-	-	-	-	-	-	-
Chrysene	56	0.031 J	ND (0.36)	-	-	-	-	-	-	-	ND (0.36)	ND (0.36)	-	-	-	-	-	-	-
Dibenz(a,h)anthracene	0.56	ND (0.035)	ND (0.036)	-	-	-	-	-	-	-	ND (0.036)	ND (0.036)	-	-	-	-	-	-	-
Dibenzofuran	350	ND (0.35)	ND (0.36)	-	-	-	-	-	-	-	ND (0.36)	ND (0.36)	-	-	-	-	-	-	-
Diethyl phthalate	NA	ND (0.35)	ND (0.36)	-	-	-	-	-	-	-	ND (0.36)	ND (0.36)	-	-	-	-	-	-	-
Dimethyl phthalate	NA	ND (0.35)	ND (0.36)	-	-	-	-	-	-	-	ND (0.36)	ND (0.36)	-	-	-	-	-	-	-
Di-n-butylphthalate (DBP)	NA	ND (0.35)	ND (0.36)	-	-	-	-	-	-	-	ND (0.36)	ND (0.36)	-	-	-	-	-	-	-
Di-n-octyl phthalate (DnOP)	NA	ND (0.35)	ND (0.36)	-	-	-	-	-	-	-	ND (0.36)	ND (0.36)	-	-	-	-	-	-	-
Fluoranthene	500	0.027 J	ND (0.36)	-	-	-	-	-	-	-	ND (0.36)	ND (0.36)	-	-	-	-	-	-	-
Fluorene	500	ND (0.35)	ND (0.36)	-	-	-	-	-	-	-	ND (0.36)	ND (0.36)	-	-	-	-	-	-	-
Hexachlorobenzene	6	ND (0.035)	ND (0.036)	-	-	-	-	-	-	-	ND (0.036)	ND (0.036)	-	-	-	-	-	-	-
Hexachlorobutadiene	NA	ND (0.071)	ND (0.073)	-	-	-	-	-	-	-	ND (0.072)	ND (0.073)	-	-	-	-	-	-	-
Hexachlorocyclopentadiene	NA	ND (0.35)	ND (0.36)	-	-	-	-	-	-	-	ND (0.36)	ND (0.36)	-	-	-	-	-	-	-
Hexachloroethane	NA	ND (0.035)	ND (0.036)	-	-	-	-	-	-	-	ND (0.036)	ND (0.036)	-	-	-	-	-	-	-
Indeno(1,2,3-cd)pyrene	5.6	0.023 J	ND (0.036)	-	-	-	-	-	-	-	ND (0.036)	ND (0.036)	-	-	-	-	-	-	-
Isophorone	NA	ND (0.14)	ND (0.14)	-	-	-	-	-	-	-	ND (0.14)	ND (0.15)	-	-	-	-	-	-	-
Naphthalene	500	ND (0.35)	ND (0.36)	-	-	-	-	-	-	-	ND (0.36)	ND (0.36)	-	-	-	-	-	-	-
Nitrobenzene	NA	ND (0.035)	ND (0.036)	-	-	-	-	-	-	-	ND (0.036)	ND (0.036)	-	-	-	-	-	-	-
N-Nitrosodi-n-propylamine	NA	ND (0.035)	ND (0.036)	-	-	-	-	-	-	-	ND (0.036)	ND (0.036)	-	-	-	-	-	-	-
N-Nitrosodiphenylamine	NA	ND (0.35)	ND (0.36)	-	-	-	-	-	-	-	ND (0.36)	ND (0.36)	-	-	-	-	-	-	-
Pentachlorophenol	6.7	ND (0.28)	ND (0.29)	-	-	-	-	-	-	-	ND (0.29)	ND (0.29)	-	-	-	-	-	-	-
Phenanthrene	500	0.016 J	ND (0.36)	-	-	-	-	-	-	-	ND (0.36)	ND (0.36)	-	-	-	-	-	-	-
Phenol	500	ND (0.35)	ND (0.36)	-	-	-	-	-	-	-	ND (0.36)	ND (0.36)	-	-	-	-	-	-	-
Pyrene	500	0.031 J	0.011 J	-	-	-	-	-	-	-	ND (0.36)	ND (0.36)	-	-	-	-	-	-	-

TABLE 4
SUMMARY OF SOIL QUALITY DATA - BERM 4
FORMER PORT MOBIL TERMINAL
STATEN ISLAND, NEW YORK
FILE NO. 0208998

	Criteria																		
Location Name	NY Part 375	4A	4A	4A1	4A1	4A1	4A2	4A2	4A3	4A3	4B	4B	4B1	4B1	4B2	4B2	4B2	4B3	4B3
Sample Name	Commercial	4A_0-7	4A_7-14	4A1_2-3	4A1_7-8	4A1_12-13	4A2_3-4	4A2_9-10	4A3_5-6	4A3_10-11	4B_0-7	4B_7-14	4B1_2-3	4B1_7-8	4B2_3-4	4B2_8-9	4B2_11-12	4B3_5-6	4B3_10-11
Sample Date	Use	10/02/2025	10/02/2025	10/02/2025	10/02/2025	10/02/2025	10/02/2025	10/02/2025	10/02/2025	10/02/2025	10/02/2025	10/02/2025	10/02/2025	10/02/2025	10/02/2025	10/02/2025	10/02/2025	10/02/2025	10/02/2025
Lab Sample ID	Soil Cleanup	460-336309-7	460-336309-8	460-336309-40	460-336309-43	460-336309-46	460-336309-41	460-336309-44	460-336309-42	460-336309-45	460-336309-9	460-336309-10	460-336309-47	460-336309-50	460-336309-48	460-336309-51	460-336309-53	460-336309-49	460-336309-52
Sample Depth (bgs)	Objectives	0 - 7 (ft)	7 - 14 (ft)	2 - 3 (ft)	7 - 8 (ft)	12 - 13 (ft)	3 - 4 (ft)	9 - 10 (ft)	5 - 6 (ft)	10 - 11 (ft)	0 - 7 (ft)	7 - 14 (ft)	2 - 3 (ft)	7 - 8 (ft)	3 - 4 (ft)	8 - 9 (ft)	11 - 12 (ft)	5 - 6 (ft)	10 - 11 (ft)
PFAS (mg/kg)																			
11-Chloroeicosafluoro-3-Oxaundecane-1-Sulfonic Acid (11Cl-PF3OUdS)	NA	ND (0.0002)	ND (0.0002)	-	-	-	-	-	-	-	ND (0.0002)	ND (0.0002)	-	-	-	-	-	-	-
2H,2H,3H,3H-Perfluorooctanoic acid (5:3 FTCA)	NA	ND (0.00099)	ND (0.001)	-	-	-	-	-	-	-	ND (0.00098)	ND (0.00099)	-	-	-	-	-	-	-
3-(Perfluoroheptyl)propanoic acid (7:3 FTCA)	NA	ND (0.00099)	ND (0.001)	-	-	-	-	-	-	-	ND (0.00098)	ND (0.00099)	-	-	-	-	-	-	-
3:3 Fluorotelomer carboxylic acid (3:3 FTCA)	NA	ND (0.0004)	ND (0.0004)	-	-	-	-	-	-	-	ND (0.00039)	ND (0.0004)	-	-	-	-	-	-	-
4,8-Dioxa-3H-Perfluorononanoic Acid (ADONA)	NA	ND (0.0002)	ND (0.0002)	-	-	-	-	-	-	-	ND (0.0002)	ND (0.0002)	-	-	-	-	-	-	-
4:2 Fluorotelomer sulfonic acid (4:2 FTS)	NA	ND (0.0004)	ND (0.0004)	-	-	-	-	-	-	-	ND (0.00039)	ND (0.0004)	-	-	-	-	-	-	-
6:2 Fluorotelomer sulfonic acid (6:2 FTS)	NA	ND (0.0004)	ND (0.0004)	-	-	-	-	-	-	-	ND (0.00039)	ND (0.0004)	-	-	-	-	-	-	-
8:2 Fluorotelomer sulfonic acid (8:2 FTS)	NA	ND (0.0004)	0.00024 J	-	-	-	-	-	-	-	0.00114	ND (0.0004)	-	-	-	-	-	-	-
9-Chlorohexadecafluoro-3-Oxanone-1-Sulfonic Acid (9Cl-PF3ONS)	NA	ND (0.0002)	ND (0.0002)	-	-	-	-	-	-	-	ND (0.0002)	ND (0.0002)	-	-	-	-	-	-	-
N-Ethyl Perfluorooctanesulfonamidoacetic Acid (NEtFOSAA)	NA	ND (0.0002)	ND (0.0002)	-	-	-	-	-	-	-	ND (0.0002)	ND (0.0002)	-	-	-	-	-	-	-
N-Ethylperfluorooctane sulfonamide (N-EtFOSA)	NA	ND (0.0002)	ND (0.0002)	-	-	-	-	-	-	-	ND (0.0002)	ND (0.0002)	-	-	-	-	-	-	-
N-Ethylperfluorooctane sulfonamidoethanol (N-EtFOSE)	NA	ND (0.00099)	ND (0.001)	-	-	-	-	-	-	-	ND (0.00098)	ND (0.00099)	-	-	-	-	-	-	-
N-Methyl Perfluorooctanesulfonamidoacetic Acid (NMeFOSAA)	NA	ND (0.0002)	ND (0.0002)	-	-	-	-	-	-	-	ND (0.0002)	ND (0.0002)	-	-	-	-	-	-	-
N-Methylperfluorooctane sulfonamide (N-MeFOSA)	NA	ND (0.0002)	ND (0.0002)	-	-	-	-	-	-	-	ND (0.0002)	ND (0.0002)	-	-	-	-	-	-	-
N-Methylperfluorooctane sulfonamidoethanol (N-MeFOSE)	NA	ND (0.00099)	ND (0.001)	-	-	-	-	-	-	-	ND (0.00098)	ND (0.00099)	-	-	-	-	-	-	-
Nonafluoro-3,6-dioxaheptanoic acid (NFDHA)	NA	ND (0.0002)	ND (0.0002)	-	-	-	-	-	-	-	ND (0.0002)	ND (0.0002)	-	-	-	-	-	-	-
Perfluoro(2-ethoxyethane) sulphonic acid (PFEESA)	NA	ND (0.0002)	ND (0.0002)	-	-	-	-	-	-	-	ND (0.0002)	ND (0.0002)	-	-	-	-	-	-	-
Perfluoro(4-methoxybutanoic) acid (PFMBA)	NA	ND (0.0002)	ND (0.0002)	-	-	-	-	-	-	-	ND (0.0002)	ND (0.0002)	-	-	-	-	-	-	-
Perfluoro-2-propoxypropanoic acid (PFPrOPrA)(GenX) (HFPO-DA)	NA	ND (0.0002)	ND (0.0002)	-	-	-	-	-	-	-	ND (0.0002)	ND (0.0002)	-	-	-	-	-	-	-
Perfluoro-3-methoxypropanoic acid (PFMPA)	NA	ND (0.0002)	ND (0.0002)	-	-	-	-	-	-	-	ND (0.0002)	ND (0.0002)	-	-	-	-	-	-	-
Perfluorobutanesulfonic acid (PFBS)	NA	ND (0.0002)	ND (0.0002)	-	-	-	-	-	-	-	ND (0.0002)	ND (0.0002)	-	-	-	-	-	-	-
Perfluorobutanoic acid (PFBA)	NA	ND (0.0004)	ND (0.0004)	-	-	-	-	-	-	-	ND (0.00039)	ND (0.0004)	-	-	-	-	-	-	-
Perfluorodecanesulfonic acid (PFDS)	NA	ND (0.0002)	ND (0.0002)	-	-	-	-	-	-	-	ND (0.0002)	ND (0.0002)	-	-	-	-	-	-	-
Perfluorodecanoic acid (PFDA)	NA	ND (0.0002)	ND (0.0002)	-	-	-	-	-	-	-	0.00011 J	ND (0.0002)	-	-	-	-	-	-	-
Perfluorododecane sulfonic acid (PFDoDS)	NA	ND (0.0002)	ND (0.0002)	-	-	-	-	-	-	-	ND (0.0002)	ND (0.0002)	-	-	-	-	-	-	-
Perfluorododecanoic acid (PFDoDA)	NA	0.00011 J	0.00011 J	-	-	-	-	-	-	-	0.00013 J	ND (0.0002)	-	-	-	-	-	-	-
Perfluoroheptanesulfonic acid (PFHpS)	NA	ND (0.0002)	ND (0.0002)	-	-	-	-	-	-	-	ND (0.0002)	ND (0.0002)	-	-	-	-	-	-	-
Perfluoroheptanoic acid (PFHpA)	NA	ND (0.0002)	ND (0.0002)	-	-	-	-	-	-	-	ND (0.0002)	ND (0.0002)	-	-	-	-	-	-	-
Perfluorohexanesulfonic acid (PFHxS)	NA	ND (0.0002)	ND (0.0002)	-	-	-	-	-	-	-	ND (0.0002)	ND (0.0002)	-	-	-	-	-	-	-
Perfluorohexanoic acid (PFHxA)	NA	ND (0.0002)	ND (0.0002)	-	-	-	-	-	-	-	ND (0.0002)	ND (0.0002)	-	-	-	-	-	-	-
Perfluorononane sulfonic acid (PFNS)	NA	ND (0.0002)	ND (0.0002)	-	-	-	-	-	-	-	ND (0.0002)	ND (0.0002)	-	-	-	-	-	-	-
Perfluorononanoic acid (PFNA)	NA	0.00033	0.00013 J	-	-	-	-	-	-	-	0.00021	0.00024	-	-	-	-	-	-	-
Perfluorooctane sulfonamide (PFOSA)	NA	ND (0.0002)	ND (0.0002)	-	-	-	-	-	-	-	ND (0.0002)	ND (0.0002)	-	-	-	-	-	-	-
Perfluorooctanesulfonic acid (PFOS)	0.44	ND (0.0002)	ND (0.0002)	-	-	-	-	-	-	-	ND (0.0002)	ND (0.0002)	-	-	-	-	-	-	-
Perfluorooctanoic acid (PFOA)	0.5	0.000075 J	ND (0.0002)	-	-	-	-	-	-	-	0.000072 J	ND (0.0002)	-	-	-	-	-	-	-
Perfluoropentanesulfonic acid (PFPeS)	NA	ND (0.0002)	ND (0.0002)	-	-	-	-	-	-	-	ND (0.0002)	ND (0.0002)	-	-	-	-	-	-	-
Perfluoropentanoic acid (PFPeA)	NA	ND (0.0002)	ND (0.0002)	-	-	-	-	-	-	-	ND (0.0002)	ND (0.0002)	-	-	-	-	-	-	-
Perfluorotetradecanoic acid (PFTeDA)	NA	ND (0.0002)	ND (0.0002)	-	-	-	-	-	-	-	ND (0.0002)	ND (0.0002)	-	-	-	-	-	-	-
Perfluorotridecanoic acid (PFTrDA)	NA	0.00308	0.00199	-	-	-	-	-	-	-	0.00297	0.00153	-	-	-	-	-	-	-
Perfluoroundecanoic acid (PFUnDA)	NA	0.00179	0.00104	-	-	-	-	-	-	-	0.0017	0.00163	-	-	-	-	-	-	-
Pesticides (mg/kg)																			
4,4'-DDD	92	ND (0.0072)	ND (0.0073)	-	-	-	-	-	-	-	ND (0.0072)	ND (0.0073)	-	-	-	-	-	-	-
4,4'-DDE	62	ND (0.0072)	ND (0.0073)	-	-	-	-	-	-	-	ND (0.0072)	ND (0.0073)	-	-	-	-	-	-	-
4,4'-DDT	47	ND (0.0072)	ND (0.0073)	-	-	-	-	-	-	-	ND (0.0072)	ND (0.0073)	-	-	-	-	-	-	-
Aldrin	0.68	ND (0.0072)	ND (0.0073)	-	-	-	-	-	-	-	ND (0.0072)	ND (0.0073)	-	-	-	-	-	-	-
alpha-BHC	3.4	ND (0.0021)	ND (0.0022)	-	-	-	-	-	-	-	ND (0.0022)	ND (0.0022)	-	-	-	-	-	-	-
alpha-Chlordane (cis)	24	ND (0.0072)	ND (0.0073)	-	-	-	-	-	-	-	ND (0.0072)	ND (0.0073)	-	-	-	-	-	-	-
beta-BHC	3	ND (0.0021)	ND (0.0022)	-	-	-	-	-	-	-	ND (0.0022)	ND (0.0022)	-	-	-	-	-	-	-
Chlordane	NA	ND (0.072)	ND (0.073)	-	-	-	-	-	-	-	ND (0.072)	ND (0.073)	-	-	-	-	-	-	-
delta-BHC	500	ND (0.0021)	ND (0.0022)	-	-	-	-	-	-	-	ND (0.0022)	ND (0.0022)	-	-	-	-	-	-	-
Dieldrin	1.4	ND (0.0021)	ND (0.0022)	-	-	-	-	-	-	-	ND (0.0022)	ND (0.0022)	-	-	-	-	-	-	-
Endosulfan I	200	ND (0.0072)	ND (0.0073)	-	-	-	-	-	-	-	ND (0.0072)	ND (0.0073)	-	-	-	-	-	-	-
Endosulfan II	200	ND (0.0072)	ND (0.0073)	-	-	-	-	-	-	-	ND (0.0072)	ND (0.0073)	-	-	-	-	-	-	-
Endosulfan sulfate	200	ND (0.0072)	ND (0.0073)	-	-	-	-	-	-	-	ND (0.0072)	ND (0.0073)	-	-	-	-	-	-	-
Endrin	89	ND (0.0072)	ND (0.0073)	-	-	-	-	-	-	-	ND (0.0072)	ND (0.0073)	-	-	-	-	-	-	-
Endrin aldehyde	NA	ND (0.0072)	ND (0.0073)	-	-	-	-	-	-	-	ND (0.0072)	ND (0.0073)	-	-	-	-	-	-	-
Endrin ketone	NA	ND (0.0072)	ND (0.0073)	-	-	-	-	-	-	-	ND (0.0072)	ND (0.0073)	-	-	-	-	-	-	-
gamma-BHC (Lindane)	9.2	ND (0.0021)	ND (0.0022)	-	-	-	-	-	-	-	ND (0.0022)	ND (0.0022)	-	-	-	-	-	-	-
Heptachlor	15	ND (0.0072)	ND (0.0073)	-	-	-	-	-	-	-	ND (0.0072)	ND (0.0073)	-	-	-	-	-	-	-
Heptachlor epoxide	NA	ND (0.0072)	ND (0.0073)	-	-	-	-	-	-	-	ND (0.0072)	ND (0.0073)	-	-	-	-	-	-	-
Methoxychlor	NA	ND (0.0072)	ND (0.0073)	-	-	-	-	-	-	-	ND (0.0072)	ND (0.0073)	-	-	-	-	-	-	-
Toxaphene	NA	ND (0.072)	ND (0.073)	-	-	-	-	-	-	-	ND (0.072)	ND (0.073)	-	-	-	-	-	-	-

TABLE 4
SUMMARY OF SOIL QUALITY DATA - BERM 4
FORMER PORT MOBIL TERMINAL
STATEN ISLAND, NEW YORK
FILE NO. 0208998

Location Name	Criteria	4A	4A	4A1	4A1	4A1	4A2	4A2	4A3	4A3	4B	4B	4B1	4B1	4B2	4B2	4B2	4B3	4B3
Sample Name	NY Part 375	4A_0-7	4A_7-14	4A1_2-3	4A1_7-8	4A1_12-13	4A2_3-4	4A2_9-10	4A3_5-6	4A3_10-11	4B_0-7	4B_7-14	4B1_2-3	4B1_7-8	4B2_3-4	4B2_8-9	4B2_11-12	4B3_5-6	4B3_10-11
Sample Date	Commercial Use	10/02/2025	10/02/2025	10/02/2025	10/02/2025	10/02/2025	10/02/2025	10/02/2025	10/02/2025	10/02/2025	10/02/2025	10/02/2025	10/02/2025	10/02/2025	10/02/2025	10/02/2025	10/02/2025	10/02/2025	10/02/2025
Lab Sample ID	Soil Cleanup	460-336309-7	460-336309-8	460-336309-40	460-336309-43	460-336309-46	460-336309-41	460-336309-44	460-336309-42	460-336309-45	460-336309-9	460-336309-10	460-336309-47	460-336309-50	460-336309-48	460-336309-51	460-336309-53	460-336309-49	460-336309-52
Sample Depth (bgs)	Objectives	0 - 7 (ft)	7 - 14 (ft)	2 - 3 (ft)	7 - 8 (ft)	12 - 13 (ft)	3 - 4 (ft)	9 - 10 (ft)	5 - 6 (ft)	10 - 11 (ft)	0 - 7 (ft)	7 - 14 (ft)	2 - 3 (ft)	7 - 8 (ft)	3 - 4 (ft)	8 - 9 (ft)	11 - 12 (ft)	5 - 6 (ft)	10 - 11 (ft)
Polychlorinated Biphenyls (mg/kg)																			
Aroclor-1016 (PCB-1016)	NA	ND (0.072)	ND (0.073)	-	-	-	-	-	-	-	ND (0.072)	ND (0.073)	-	-	-	-	-	-	-
Aroclor-1221 (PCB-1221)	NA	ND (0.072)	ND (0.073)	-	-	-	-	-	-	-	ND (0.072)	ND (0.073)	-	-	-	-	-	-	-
Aroclor-1232 (PCB-1232)	NA	ND (0.072)	ND (0.073)	-	-	-	-	-	-	-	ND (0.072)	ND (0.073)	-	-	-	-	-	-	-
Aroclor-1242 (PCB-1242)	NA	ND (0.072)	ND (0.073)	-	-	-	-	-	-	-	ND (0.072)	ND (0.073)	-	-	-	-	-	-	-
Aroclor-1248 (PCB-1248)	NA	ND (0.072)	ND (0.073)	-	-	-	-	-	-	-	ND (0.072)	ND (0.073)	-	-	-	-	-	-	-
Aroclor-1254 (PCB-1254)	NA	ND (0.072)	ND (0.073)	-	-	-	-	-	-	-	ND (0.072)	ND (0.073)	-	-	-	-	-	-	-
Aroclor-1260 (PCB-1260)	NA	ND (0.072)	ND (0.073)	-	-	-	-	-	-	-	ND (0.072)	ND (0.073)	-	-	-	-	-	-	-
Aroclor-1262 (PCB-1262)	NA	ND (0.072)	ND (0.073)	-	-	-	-	-	-	-	ND (0.072)	ND (0.073)	-	-	-	-	-	-	-
Aroclor-1268 (PCB-1268)	NA	ND (0.072)	ND (0.073)	-	-	-	-	-	-	-	ND (0.072)	ND (0.073)	-	-	-	-	-	-	-
Total PCBs	1	ND (0.072)	ND (0.073)	-	-	-	-	-	-	-	ND (0.072)	ND (0.073)	-	-	-	-	-	-	-
Inorganic Compounds (mg/kg)																			
Aluminum	NA	6490	6190	-	-	-	-	-	-	-	8240	8420	-	-	-	-	-	-	-
Antimony	NA	0.82 J	0.61 J	-	-	-	-	-	-	-	0.71 J	0.3 J	-	-	-	-	-	-	-
Arsenic	16	6.9	7.7	-	-	-	-	-	-	-	6.2	3.8	-	-	-	-	-	-	-
Barium	400	48.2	39.4	-	-	-	-	-	-	-	52.5	38.2	-	-	-	-	-	-	-
Beryllium	590	0.75	0.54	-	-	-	-	-	-	-	0.67	0.45	-	-	-	-	-	-	-
Cadmium	9.3	0.4 J	0.25 J	-	-	-	-	-	-	-	0.36 J	ND (0.96)	-	-	-	-	-	-	-
Calcium	NA	1520	1060	-	-	-	-	-	-	-	1830	696	-	-	-	-	-	-	-
Chromium	NA	23.6	16	-	-	-	-	-	-	-	25.1	13.9	-	-	-	-	-	-	-
Cobalt	NA	13.2	7.4	-	-	-	-	-	-	-	11.6	6.1	-	-	-	-	-	-	-
Copper	270	93.2	47.8	-	-	-	-	-	-	-	59.4	22.3	-	-	-	-	-	-	-
Iron	NA	18500	16000	-	-	-	-	-	-	-	21300	15100	-	-	-	-	-	-	-
Lead	1000	108	51.3	-	-	-	-	-	-	-	63.6	18.8	-	-	-	-	-	-	-
Magnesium	NA	2220	1880	-	-	-	-	-	-	-	3140	2780	-	-	-	-	-	-	-
Manganese	10000	246	267	-	-	-	-	-	-	-	316	256	-	-	-	-	-	-	-
Mercury	2.8	0.041	0.036	-	-	-	-	-	-	-	0.037	0.03	-	-	-	-	-	-	-
Nickel	310	46	14.5	-	-	-	-	-	-	-	23.3	14.9	-	-	-	-	-	-	-
Potassium	NA	897	785	-	-	-	-	-	-	-	1050	1060	-	-	-	-	-	-	-
Selenium	1500	0.78 J	0.42 J	-	-	-	-	-	-	-	0.49 J	0.17 J	-	-	-	-	-	-	-
Silver	1500	0.25 J	0.19 J	-	-	-	-	-	-	-	0.21 J	ND (0.38)	-	-	-	-	-	-	-
Sodium	NA	103 J	75.7 J	-	-	-	-	-	-	-	96.7 J	69.1 J	-	-	-	-	-	-	-
Thallium	NA	0.075 J	0.066 J	-	-	-	-	-	-	-	0.097 J	0.089 J	-	-	-	-	-	-	-
Vanadium	NA	23	20.8	-	-	-	-	-	-	-	23.8	20.6	-	-	-	-	-	-	-
Zinc	10000	245	89	-	-	-	-	-	-	-	141	41.8	-	-	-	-	-	-	-

ABBREVIATIONS AND NOTES:

mg/kg: milligram per kilogram

**: LCS or LCSD is outside acceptance limits.*
-: Not Analyzed
B: Compound was found in the blank and the associated sample.
bgs: below ground surface
ft: feet
J: Value is estimated.
NA: Not Applicable
ND (2.5): Not detected, number in parentheses is the laboratory reporting limit

- For test methods used, see the laboratory data sheets.
- Soil analytical results are compared to the New York State Department of Environmental Conservation (NYSDEC) Title 6 of the Official Compilation of New York Codes, Rules, and Regulations (NYCRR) Part 375 Commercial Use Soil Cleanup Objectives (SCO).
- Grey shading indicates an exceedance of the Commercial Use Soil Cleanup Objectives.

TABLE 4
SUMMARY OF SOIL QUALITY DATA - BERM 4
FORMER PORT MOBIL TERMINAL
STATEN ISLAND, NEW YORK
FILE NO. 0208998

	Criteria																		
Location Name	NY Part 375	4C	4C	4C1	4C1	4C1	4C2	4C2	4C3	4C3	4D	4D	4D1	4D1	4D1	4D2	4D2	4D3	4D3
Sample Name	Commercial	4C_0-7	4C_7-14	4C1_1-2	4C1_6-7	4C1_13-14	4C2_3-4	4C2_8-9	4C3_5-6	4C3_11-12	4D_0-7	4D_7-14	4D1_1-2	4D1_6-7	4D1_11-12	4D2_2-3	4D2_7-8	4D3_4-5	4D3_9-10
Sample Date	Use	10/02/2025	10/02/2025	10/02/2025	10/02/2025	10/02/2025	10/02/2025	10/02/2025	10/02/2025	10/02/2025	10/02/2025	10/02/2025	10/02/2025	10/02/2025	10/02/2025	10/02/2025	10/02/2025	10/02/2025	10/02/2025
Lab Sample ID	Soil Cleanup	460-336309-11	460-336309-12	460-336309-54	460-336309-57	460-336309-60	460-336309-55	460-336309-58	460-336309-56	460-336309-59	460-336309-13	460-336309-14	460-336309-61	460-336309-64	460-336309-67	460-336309-62	460-336309-65	460-336309-63	460-336309-66
Sample Depth (bgs)	Objectives	0 - 7 (ft)	7 - 14 (ft)	1 - 2 (ft)	6 - 7 (ft)	13 - 14 (ft)	3 - 4 (ft)	8 - 9 (ft)	5 - 6 (ft)	11 - 12 (ft)	0 - 7 (ft)	7 - 14 (ft)	1 - 2 (ft)	6 - 7 (ft)	11 - 12 (ft)	2 - 3 (ft)	7 - 8 (ft)	4 - 5 (ft)	9 - 10 (ft)
Volatile Organic Compounds (mg/kg)																			
1,1,1-Trichloroethane	500	-	-	ND (0.00094)	ND (0.0011)	ND (0.0011)	ND (0.0011)	ND (0.0011)	ND (0.0011)	ND (0.001)	-	-	ND (0.0013)	ND (0.00092)	ND (0.0011)	ND (0.0016)	ND (0.00069)	ND (0.001)	ND (0.00092)
1,1,2,2-Tetrachloroethane	NA	-	-	ND (0.00094)	ND (0.0011)	ND (0.0011)	ND (0.0011)	ND (0.0011)	ND (0.0011)	ND (0.001)	-	-	ND (0.0013)	ND (0.00092)	ND (0.0011)	ND (0.0016)	ND (0.00069)	ND (0.001)	ND (0.00092)
1,1,2-Trichloroethane	NA	-	-	ND (0.00094)	ND (0.0011)	ND (0.0011)	ND (0.0011)	ND (0.0011)	ND (0.0011)	ND (0.001)	-	-	ND (0.0013)	ND (0.00092)	ND (0.0011)	ND (0.0016)	ND (0.00069)	ND (0.001)	ND (0.00092)
1,1-Dichloroethane	240	-	-	ND (0.00094)	ND (0.0011)	ND (0.0011)	ND (0.0011)	ND (0.0011)	ND (0.0011)	ND (0.001)	-	-	ND (0.0013)	ND (0.00092)	ND (0.0011)	ND (0.0016)	ND (0.00069)	ND (0.001)	ND (0.00092)
1,1-Dichloroethene	500	-	-	ND (0.00094)	ND (0.0011)	ND (0.0011)	ND (0.0011)	ND (0.0011)	ND (0.0011)	ND (0.001)	-	-	ND (0.0013)	ND (0.00092)	ND (0.0011)	ND (0.0016)	ND (0.00069)	ND (0.001)	ND (0.00092)
1,2,3-Trichlorobenzene	NA	-	-	ND (0.00094)	ND (0.0011)	ND (0.0011)	ND (0.0011)	ND (0.0011)	ND (0.0011)	ND (0.001)	-	-	ND (0.0013)	ND (0.00092)	ND (0.0011)	ND (0.0016)	ND (0.00069)	ND (0.001)	ND (0.00092)
1,2,4-Trichlorobenzene	NA	-	-	ND (0.00094)	ND (0.0011)	ND (0.0011)	ND (0.0011)	ND (0.0011)	ND (0.0011)	ND (0.001)	-	-	ND (0.0013)	ND (0.00092)	ND (0.0011)	ND (0.0016)	ND (0.00069)	ND (0.001)	ND (0.00092)
1,2,4-Trimethylbenzene	190	-	-	ND (0.00094)	ND (0.0011)	ND (0.0011)	ND (0.0011)	ND (0.0011)	ND (0.0011)	ND (0.001)	-	-	ND (0.0013)	ND (0.00092)	ND (0.0011)	ND (0.0016)	ND (0.00069)	ND (0.001)	ND (0.00092)
1,2-Dibromo-3-chloropropane (DBCP)	NA	-	-	ND (0.00094)	ND (0.0011)	ND (0.0011)	ND (0.0011)	ND (0.0011)	ND (0.0011)	ND (0.001)	-	-	ND (0.0013)	ND (0.00092)	ND (0.0011)	ND (0.0016)	ND (0.00069)	ND (0.001)	ND (0.00092)
1,2-Dibromoethane (Ethylene Dibromide)	NA	-	-	ND (0.00094)	ND (0.0011)	ND (0.0011)	ND (0.0011)	ND (0.0011)	ND (0.0011)	ND (0.001)	-	-	ND (0.0013)	ND (0.00092)	ND (0.0011)	ND (0.0016)	ND (0.00069)	ND (0.001)	ND (0.00092)
1,2-Dichlorobenzene	500	-	-	ND (0.00094)	ND (0.0011)	ND (0.0011)	ND (0.0011)	ND (0.0011)	ND (0.0011)	ND (0.001)	-	-	ND (0.0013)	ND (0.00092)	ND (0.0011)	ND (0.0016)	ND (0.00069)	ND (0.001)	ND (0.00092)
1,2-Dichloroethane	30	-	-	ND (0.00094)	ND (0.0011)	ND (0.0011)	ND (0.0011)	ND (0.0011)	ND (0.0011)	ND (0.001)	-	-	ND (0.0013)	ND (0.00092)	ND (0.0011)	ND (0.0016)	ND (0.00069)	ND (0.001)	ND (0.00092)
1,2-Dichloropropane	NA	-	-	ND (0.00094)	ND (0.0011)	ND (0.0011)	ND (0.0011)	ND (0.0011)	ND (0.0011)	ND (0.001)	-	-	ND (0.0013)	ND (0.00092)	ND (0.0011)	ND (0.0016)	ND (0.00069)	ND (0.001)	ND (0.00092)
1,3,5-Trimethylbenzene	190	-	-	ND (0.00094)	ND (0.0011)	ND (0.0011)	ND (0.0011)	ND (0.0011)	ND (0.0011)	ND (0.001)	-	-	ND (0.0013)	ND (0.00092)	ND (0.0011)	ND (0.0016)	ND (0.00069)	ND (0.001)	ND (0.00092)
1,3-Dichlorobenzene	280	-	-	ND (0.00094)	ND (0.0011)	ND (0.0011)	ND (0.0011)	ND (0.0011)	ND (0.0011)	ND (0.001)	-	-	ND (0.0013)	ND (0.00092)	ND (0.0011)	ND (0.0016)	ND (0.00069)	ND (0.001)	ND (0.00092)
1,4-Dichlorobenzene	130	-	-	ND (0.00094)	ND (0.0011)	ND (0.0011)	ND (0.0011)	ND (0.0011)	ND (0.0011)	ND (0.001)	-	-	ND (0.0013)	ND (0.00092)	ND (0.0011)	ND (0.0016)	ND (0.00069)	ND (0.001)	ND (0.00092)
2-Butanone (Methyl Ethyl Ketone)	500	-	-	ND (0.0047)	ND (0.0054)	ND (0.0053)	ND (0.0054)	ND (0.0057)	ND (0.0053)	ND (0.005)	-	-	ND (0.0063)	ND (0.0046)	ND (0.0055)	ND (0.0078)	ND (0.0035)	ND (0.0052)	ND (0.0046)
2-Hexanone (Methyl Butyl Ketone)	NA	-	-	ND (0.0047)	ND (0.0054)	ND (0.0053)	ND (0.0054)	ND (0.0057)	ND (0.0053)	ND (0.005)	-	-	ND (0.0063)	ND (0.0046)	ND (0.0055)	ND (0.0078)	ND (0.0035)	ND (0.0052)	ND (0.0046)
2-Phenylbutane (sec-Butylbenzene)	500	-	-	ND (0.00094)	ND (0.0011)	ND (0.0011)	ND (0.0011)	ND (0.0011)	ND (0.0011)	ND (0.001)	-	-	ND (0.0013)	ND (0.00092)	ND (0.0011)	ND (0.0016)	ND (0.00069)	ND (0.001)	ND (0.00092)
4-Methyl-2-Pentanone (Methyl Isobutyl Ketone)	NA	-	-	ND (0.0047)	ND (0.0054)	ND (0.0053)	ND (0.0054)	ND (0.0057)	ND (0.0053)	ND (0.005)	-	-	ND (0.0063)	ND (0.0046)	ND (0.0055)	ND (0.0078)	ND (0.0035)	ND (0.0052)	ND (0.0046)
Acetone	500	-	-	ND (0.0057)	ND (0.0065)	ND (0.0063)	ND (0.0065)	ND (0.0069)	ND (0.0064)	ND (0.006)	-	-	0.029	0.11	0.05	0.077	ND (0.0041)	0.064	ND (0.0055)
Benzene	44	-	-	ND (0.00094)	ND (0.0011)	ND (0.0011)	ND (0.0011)	ND (0.0011)	ND (0.0011)	ND (0.001)	-	-	ND (0.0013)	ND (0.00092)	ND (0.0011)	ND (0.0016)	ND (0.00069)	ND (0.001)	ND (0.00092)
Bromodichloromethane	NA	-	-	ND (0.00094)	ND (0.0011)	ND (0.0011)	ND (0.0011)	ND (0.0011)	ND (0.0011)	ND (0.001)	-	-	ND (0.0013)	ND (0.00092)	ND (0.0011)	ND (0.0016)	ND (0.00069)	ND (0.001)	ND (0.00092)
Bromoform	NA	-	-	ND (0.00094)	ND (0.0011)	ND (0.0011)	ND (0.0011)	ND (0.0011)	ND (0.0011)	ND (0.001)	-	-	ND (0.0013)	ND (0.00092)	ND (0.0011)	ND (0.0016)	ND (0.00069)	ND (0.001)	ND (0.00092)
Bromomethane (Methyl Bromide)	NA	-	-	ND (0.0019)	ND (0.0022) *	ND (0.0021)	ND (0.0022)	ND (0.0023)	ND (0.0021) *	ND (0.002)	-	-	ND (0.0025)	ND (0.0018)	ND (0.0022)	ND (0.0031)	ND (0.0014)	ND (0.0021)	ND (0.0018)
Carbon disulfide	NA	-	-	ND (0.00094)	ND (0.0011)	ND (0.0011)	ND (0.0011)	ND (0.0011)	ND (0.0011)	ND (0.001)	-	-	ND (0.0013)	ND (0.00092)	ND (0.0011)	ND (0.0016)	ND (0.00069)	ND (0.001)	ND (0.00092)
Carbon tetrachloride	22	-	-	ND (0.00094)	ND (0.0011)	ND (0.0011)	ND (0.0011)	ND (0.0011)	ND (0.0011)	ND (0.001)	-	-	ND (0.0013)	ND (0.00092)	ND (0.0011)	ND (0.0016)	ND (0.00069)	ND (0.001)	ND (0.00092)
Chlorobenzene	500	-	-	ND (0.00094)	ND (0.0011)	ND (0.0011)	ND (0.0011)	ND (0.0011)	ND (0.0011)	ND (0.001)	-	-	ND (0.0013)	ND (0.00092)	ND (0.0011)	ND (0.0016)	ND (0.00069)	ND (0.001)	ND (0.00092)
Chlorobromomethane	NA	-	-	ND (0.00094)	ND (0.0011)	ND (0.0011)	ND (0.0011)	ND (0.0011)	ND (0.0011)	ND (0.001)	-	-	ND (0.0013)	ND (0.00092)	ND (0.0011)	ND (0.0016)	ND (0.00069)	ND (0.001)	ND (0.00092)
Chloroethane	NA	-	-	ND (0.00094)	ND (0.0011)	ND (0.0011)	ND (0.0011)	ND (0.0011)	ND (0.0011)	ND (0.001)	-	-	ND (0.0013)	ND (0.00092)	ND (0.0011)	ND (0.0016)	ND (0.00069)	ND (0.001)	ND (0.00092)
Chloroform (Trichloromethane)	350	-	-	ND (0.00094)	ND (0.0011)	ND (0.0011)	ND (0.0011)	ND (0.0011)	ND (0.0011)	ND (0.001)	-	-	ND (0.0013)	ND (0.00092)	ND (0.0011)	ND (0.0016)	ND (0.00069)	ND (0.001)	ND (0.00092)
Chloromethane (Methyl Chloride)	NA	-	-	ND (0.00094)	ND (0.0011)	ND (0.0011)	ND (0.0011)	ND (0.0011)	ND (0.0011)	ND (0.001)	-	-	ND (0.0013)	ND (0.00092)	ND (0.0011)	ND (0.0016)	ND (0.00069)	ND (0.001)	ND (0.00092)
cis-1,2-Dichloroethene	500	-	-	ND (0.00094)	ND (0.0011)	ND (0.0011)	ND (0.0011)	ND (0.0011)	ND (0.0011)	ND (0.001)	-	-	ND (0.0013)	ND (0.00092)	ND (0.0011)	ND (0.0016)	ND (0.00069)	ND (0.001)	ND (0.00092)
cis-1,3-Dichloropropene	NA	-	-	ND (0.00094)	ND (0.0011)	ND (0.0011)	ND (0.0011)	ND (0.0011)	ND (0.0011)	ND (0.001)	-	-	ND (0.0013)	ND (0.00092)	ND (0.0011)	ND (0.0016)	ND (0.00069)	ND (0.001)	ND (0.00092)
Cyclohexane	NA	-	-	ND (0.00094)	ND (0.0011)	ND (0.0011)	ND (0.0011)	ND (0.0011)	ND (0.0011)	ND (0.001)	-	-	ND (0.0013)	ND (0.00092)	ND (0.0011)	ND (0.0016)	ND (0.00069)	ND (0.001)	ND (0.00092)
Dibromochloromethane	NA	-	-	ND (0.00094)	ND (0.0011)	ND (0.0011)	ND (0.0011)	ND (0.0011)	ND (0.0011)	ND (0.001)	-	-	ND (0.0013)	ND (0.00092)	ND (0.0011)	ND (0.0016)	ND (0.00069)	ND (0.001)	ND (0.00092)
Dichlorodifluoromethane (CFC-12)	NA	-	-	ND (0.00094) *	ND (0.0011)	ND (0.0011) *	ND (0.0011) *	ND (0.0011) *	ND (0.0011)	ND (0.001) *	-	-	ND (0.0013) *	ND (0.00092) *	ND (0.0011) *	ND (0.0016) *	ND (0.00069) *	ND (0.001) *	ND (0.00092) *
Ethylbenzene	390	-	-	ND (0.00094)	ND (0.0011)	ND (0.0011)	ND (0.0011)	ND (0.0011)	ND (0.0011)	ND (0.001)	-	-	ND (0.0013)	ND (0.00092)	ND (0.0011)	ND (0.0016)	ND (0.00069)	ND (0.001)	ND (0.00092)
Isopropylbenzene (Cumene)	NA	-	-	ND (0.00094)	ND (0.0011)	ND (0.0011)	ND (0.0011)	ND (0.0011)	ND (0.0011)	ND (0.001)	-	-	ND (0.0013)	ND (0.00092)	ND (0.0011)	ND (0.0016)	ND (0.00069)	ND (0.001)	ND (0.00092)
m,p-Xylenes	NA	-	-	ND (0.00094)	ND (0.0011)	ND (0.0011)	ND (0.0011)	ND (0.0011)	ND (0.0011)	ND (0.001)	-	-	ND (0.0013)	ND (0.00092)	ND (0.0011)	ND (0.0016)	ND (0.00069)	ND (0.001)	ND (0.00092)
Methyl acetate	NA	-	-	ND (0.0047)	ND (0.0054)	ND (0.0053)	ND (0.0054)	ND (0.0057)	ND (0.0053)	ND (0.005) *	-	-	ND (0.0063)	ND (0.0046)	ND (0.0055)	ND (0.0078)	ND (0.0035)	ND (0.0052)	ND (0.0046)
Methyl Tert Butyl Ether (MTBE)	500	-	-	ND (0.00094)	ND (0.0011)	ND (0.0011)	ND (0.0011)	ND (0.0011)	ND (0.0011)	ND (0.001)	-	-	ND (0.0013)	ND (0.00092)	ND (0.0011)	ND (0.0016)	ND (0.00069)	ND (0.001)	ND (0.00092)
Methylcyclohexane	NA	-	-	ND (0.00094)	ND (0.0011)	ND (0.0011)	ND (0.0011)	ND (0.0011)	ND (0.0011)	ND (0.001)	-	-	ND (0.0013)	ND (0.00092)	ND (0.0011)	ND (0.0016)	ND (0.00069)	ND (0.001)	ND (0.00092)
Methylene chloride (Dichloromethane)	500	-	-	0.0029	0.005	0.0045	0.0054	0.0038	0.0033	0.0021	-	-	ND (0.0025)	ND (0.0018)	ND (0.0022)	ND (0.0031)	ND (0.0014)	0.0018 J	ND (0.0018)
n-Butylbenzene	500	-	-	ND (0.00094)	ND (0.0011)	ND (0.0011)	ND (0.0011)	ND (0.0011)	ND (0.0011)	ND (0.001)	-	-	ND (0.0013)	ND (0.00092)	ND (0.0011)	ND (0.0016)	ND (0.00069)	ND (0.001)	ND (0.00092)
n-Propylbenzene	500	-	-	ND (0.00094)	ND (0.0011)	ND (0.0011)	ND (0.0011)	ND (0.0011)	ND (0.0011)	ND (0.001)	-	-	ND (0.0013)	ND (0.00092)	ND (0.0011)	ND (0.0016)	ND (0.00069)	ND (0.001)	ND (0.00092)
o-Xylene	NA	-	-	ND (0.00094)	ND (0.0011)	ND (0.0011)	ND (0.0011)	ND (0.0011)	ND (0.0011)	ND (0.001)	-	-	ND (0.0013)	ND (0.00092)	ND (0.0011)	ND (0.0016)	ND (0.00069)	ND (0.001)	ND (0.00092)
Styrene	NA	-	-	ND (0.00094)	ND (0.0011)	ND (0.0011)	ND (0.0011)	ND (0.0011)	ND (0.0011)	ND (0.001)	-	-	ND (0.0013)	ND (0.00092)	ND (0.0011)	ND (0.0016)	ND (0.00069)	ND (0.001)	ND (0.00092)
tert-Butylbenzene	500	-	-	ND (0.00094)	ND (0.0011)	ND (0.0011)	ND (0.0011)	ND (0.0011)	ND (0.0011)	ND (0.001)	-	-	ND (0.0013)	ND (0.00092)	ND (0.0011)	ND (0.0016)	ND (0.00069)	ND (0.001)	ND (0.00092)
Tetrachloroethene	150	-	-	ND (0.00094)	ND (0.0011)	ND (0.0011)	ND (0.0011)	ND (0.0011)	ND (0.0011)	ND (0.001)	-	-	ND (0.0013)	ND (0.00092)	ND (0.0011)	ND (0.0016)	ND (0.00069)	ND (0.001)	ND (0.00092)
Toluene	500	-	-	ND (0.00094)	ND (0.0011)	ND (0.0011)	ND (0.0011)	ND (0.0011)	ND (0.0011)	ND (0.001)	-	-	0.0009 J	ND (0.00092)	ND (0.0011)	ND (0.0016)	ND (0.00069)	0.00049 J	ND (0.00092)
trans-1,2-Dichloroethene	500	-	-	ND (0.00094)	ND (0.0011)	ND (0.0011)	ND (0.0011)	ND (0.0011)	ND (0.0011)	ND (0.001)	-	-	ND (0.0013)	ND (0.00092)	ND (0.0011)	ND (0.0016)	ND (0.00069)	ND (0.001)	ND (0.00092)
trans-1,3-Dichloropropene	NA	-	-	ND (0.00094)	ND (0.0011)	ND (0.0011)	ND (0.0011)	ND (0.0011)	ND (0.0011)	ND (0.001)	-	-	ND (0.0013)	ND (0.00092)	ND (0.0011)	ND (0.0016)	ND (0.00069)	ND (0.001)	ND (0.00092)
Trichloroethene	200	-	-	ND (0.00094)	ND (0.0011)	ND (0.0011)	ND (0.0011)	ND (0.0011)	ND (0.0011)	ND (0.001)	-	-	ND (0.0013)	ND (0.00092)	ND (0.0011)	ND (0.0016)	ND (0.00069)	ND (0.001)	ND (0.00092)
Trichlorofluoromethane (CFC-11)	NA	-	-	ND (0.00094)	ND (0.0011)	ND (0.0011)	ND (0.0011)	ND (0.0011)	ND (0.0011)	ND (0.001)	-	-	ND (0.0013)	ND (0.00092)	ND (0.0011)	ND (0.0016)	ND (0.00069)	ND (0.001)	ND (0.00092)
Trifluorotrichloroethane (Freon 113)	NA	-	-	ND (0.00094)	ND (0.0011)	ND (0.0011)	ND (0.0011)	ND (0.0011)	ND (0.0011)	ND (0.001)	-	-	ND (0.0013)	ND (0.00092)	ND (0.0011)	ND (0.0016)	ND (0.00069)	ND (0.001)	ND (0.00092)
Vinyl chloride	13	-	-	ND (0.00094)	ND (0.0011)	ND (0.0011)	ND (0.0011)	ND (0.0011)	ND (0.0011)	ND (0.001) *	-	-	ND (0.0013)	ND (0.00092)	ND (0.0011)	ND (0.0016)	ND (0.00069)	ND (0.001)	ND (0.00092)
Xylene (Total)	500	-	-	ND (0.0019)	ND (0.0022)	ND (0.0021)	ND (0.0022)	ND (0.0023)	ND (0.0021)	ND (0.002)	-	-	ND (0.0025)	ND (0.0018)	ND (0.0022)	ND (0.0031)	ND (0.0014)	ND (0.0021)	ND (0.0018)

TABLE 4
SUMMARY OF SOIL QUALITY DATA - BERM 4
FORMER PORT MOBIL TERMINAL
STATEN ISLAND, NEW YORK
FILE NO. 0208998

	Criteria																		
Location Name	NY Part 375	4C	4C	4C1	4C1	4C1	4C2	4C2	4C3	4C3	4D	4D	4D1	4D1	4D1	4D2	4D2	4D3	4D3
Sample Name	Commercial	4C_0-7	4C_7-14	4C1_1-2	4C1_6-7	4C1_13-14	4C2_3-4	4C2_8-9	4C3_5-6	4C3_11-12	4D_0-7	4D_7-14	4D1_1-2	4D1_6-7	4D1_11-12	4D2_2-3	4D2_7-8	4D3_4-5	4D3_9-10
Sample Date	Use	10/02/2025	10/02/2025	10/02/2025	10/02/2025	10/02/2025	10/02/2025	10/02/2025	10/02/2025	10/02/2025	10/02/2025	10/02/2025	10/02/2025	10/02/2025	10/02/2025	10/02/2025	10/02/2025	10/02/2025	10/02/2025
Lab Sample ID	Soil Cleanup	460-336309-11	460-336309-12	460-336309-54	460-336309-57	460-336309-60	460-336309-55	460-336309-58	460-336309-56	460-336309-59	460-336309-13	460-336309-14	460-336309-61	460-336309-64	460-336309-67	460-336309-62	460-336309-65	460-336309-63	460-336309-66
Sample Depth (bgs)	Objectives	0 - 7 (ft)	7 - 14 (ft)	1 - 2 (ft)	6 - 7 (ft)	13 - 14 (ft)	3 - 4 (ft)	8 - 9 (ft)	5 - 6 (ft)	11 - 12 (ft)	0 - 7 (ft)	7 - 14 (ft)	1 - 2 (ft)	6 - 7 (ft)	11 - 12 (ft)	2 - 3 (ft)	7 - 8 (ft)	4 - 5 (ft)	9 - 10 (ft)
Semi-Volatile Organic Compounds (mg/kg)																			
1,2,4,5-Tetrachlorobenzene	NA	ND (0.36)	ND (0.36)	-	-	-	-	-	-	-	ND (0.35)	ND (0.35)	-	-	-	-	-	-	-
1,4-Dioxane	130	ND (0.036)	ND (0.036)	-	-	-	-	-	-	-	ND (0.035)	ND (0.035)	-	-	-	-	-	-	-
2,2'-oxybis(1-Chloropropane)	NA	ND (0.36)	ND (0.36)	-	-	-	-	-	-	-	ND (0.35)	ND (0.35)	-	-	-	-	-	-	-
2,3,4,6-Tetrachlorophenol	NA	ND (0.36)	ND (0.36)	-	-	-	-	-	-	-	ND (0.35)	ND (0.35)	-	-	-	-	-	-	-
2,4,5-Trichlorophenol	NA	ND (0.36)	ND (0.36)	-	-	-	-	-	-	-	ND (0.35)	ND (0.35)	-	-	-	-	-	-	-
2,4,6-Trichlorophenol	NA	ND (0.15)	ND (0.14)	-	-	-	-	-	-	-	ND (0.14)	ND (0.14)	-	-	-	-	-	-	-
2,4-Dichlorophenol	NA	ND (0.15)	ND (0.14)	-	-	-	-	-	-	-	ND (0.14)	ND (0.14)	-	-	-	-	-	-	-
2,4-Dimethylphenol	NA	ND (0.36)	ND (0.36)	-	-	-	-	-	-	-	ND (0.35)	ND (0.35)	-	-	-	-	-	-	-
2,4-Dinitrophenol	NA	ND (0.29)	ND (0.29)	-	-	-	-	-	-	-	ND (0.28)	ND (0.28)	-	-	-	-	-	-	-
2,4-Dinitrotoluene	NA	ND (0.073)	ND (0.072)	-	-	-	-	-	-	-	ND (0.072)	ND (0.071)	-	-	-	-	-	-	-
2,6-Dinitrotoluene	NA	ND (0.073)	ND (0.072)	-	-	-	-	-	-	-	ND (0.072)	ND (0.071)	-	-	-	-	-	-	-
2-Chloronaphthalene	NA	ND (0.36)	ND (0.36)	-	-	-	-	-	-	-	ND (0.35)	ND (0.35)	-	-	-	-	-	-	-
2-Chlorophenol	NA	ND (0.36)	ND (0.36)	-	-	-	-	-	-	-	ND (0.35)	ND (0.35)	-	-	-	-	-	-	-
2-Methylnaphthalene	NA	ND (0.36)	ND (0.36)	-	-	-	-	-	-	-	ND (0.35) *	ND (0.35) *	-	-	-	-	-	-	-
2-Methylphenol (o-Cresol)	500	ND (0.36)	ND (0.36)	-	-	-	-	-	-	-	ND (0.35)	ND (0.35)	-	-	-	-	-	-	-
2-Nitroaniline	NA	ND (0.36)	ND (0.36)	-	-	-	-	-	-	-	ND (0.35)	ND (0.35)	-	-	-	-	-	-	-
2-Nitrophenol	NA	ND (0.36)	ND (0.36)	-	-	-	-	-	-	-	ND (0.35)	ND (0.35)	-	-	-	-	-	-	-
3&4-Methylphenol	NA	ND (0.36)	ND (0.36)	-	-	-	-	-	-	-	ND (0.35)	ND (0.35)	-	-	-	-	-	-	-
3,3'-Dichlorobenzidine	NA	ND (0.15)	ND (0.14)	-	-	-	-	-	-	-	ND (0.14)	ND (0.14)	-	-	-	-	-	-	-
3-Nitroaniline	NA	ND (0.36)	ND (0.36)	-	-	-	-	-	-	-	ND (0.35)	ND (0.35)	-	-	-	-	-	-	-
4,6-Dinitro-2-methylphenol	NA	ND (0.29)	ND (0.29)	-	-	-	-	-	-	-	ND (0.28) *	ND (0.28) *	-	-	-	-	-	-	-
4-Bromophenyl phenyl ether (BDE-3)	NA	ND (0.36)	ND (0.36)	-	-	-	-	-	-	-	ND (0.35)	ND (0.35)	-	-	-	-	-	-	-
4-Chloro-3-methylphenol	NA	ND (0.36)	ND (0.36)	-	-	-	-	-	-	-	ND (0.35)	ND (0.35)	-	-	-	-	-	-	-
4-Chloroaniline	NA	ND (0.36)	ND (0.36)	-	-	-	-	-	-	-	ND (0.35)	ND (0.35)	-	-	-	-	-	-	-
4-Chlorophenyl phenyl ether	NA	ND (0.36)	ND (0.36)	-	-	-	-	-	-	-	ND (0.35)	ND (0.35)	-	-	-	-	-	-	-
4-Methylphenol	500	ND (0.36)	ND (0.36)	-	-	-	-	-	-	-	ND (0.35)	ND (0.35)	-	-	-	-	-	-	-
4-Nitroaniline	NA	ND (0.36)	ND (0.36)	-	-	-	-	-	-	-	ND (0.35)	ND (0.35)	-	-	-	-	-	-	-
4-Nitrophenol	NA	ND (0.73)	ND (0.72)	-	-	-	-	-	-	-	ND (0.72)	ND (0.71)	-	-	-	-	-	-	-
Acenaphthene	500	ND (0.36)	ND (0.36)	-	-	-	-	-	-	-	ND (0.35)	ND (0.35)	-	-	-	-	-	-	-
Acenaphthylene	500	ND (0.36)	ND (0.36)	-	-	-	-	-	-	-	ND (0.35)	ND (0.35)	-	-	-	-	-	-	-
Acetophenone	NA	ND (0.36)	ND (0.36)	-	-	-	-	-	-	-	ND (0.35)	ND (0.35)	-	-	-	-	-	-	-
Anthracene	500	ND (0.36)	ND (0.36)	-	-	-	-	-	-	-	ND (0.35)	ND (0.35)	-	-	-	-	-	-	-
Atrazine	NA	ND (0.15) *	ND (0.14) *	-	-	-	-	-	-	-	ND (0.14) *	ND (0.14) *	-	-	-	-	-	-	-
Benzaldehyde	NA	ND (0.36) *	ND (0.36) *	-	-	-	-	-	-	-	ND (0.35) *	ND (0.35) *	-	-	-	-	-	-	-
Benzo(a)anthracene	5.6	0.039	ND (0.036)	-	-	-	-	-	-	-	ND (0.035)	ND (0.035)	-	-	-	-	-	-	-
Benzo(a)pyrene	1	0.034 J	ND (0.036)	-	-	-	-	-	-	-	ND (0.035)	ND (0.035)	-	-	-	-	-	-	-
Benzo(b)fluoranthene	5.6	0.049	ND (0.036)	-	-	-	-	-	-	-	ND (0.035) *	ND (0.035) *	-	-	-	-	-	-	-
Benzo(g,h,i)perylene	500	0.028 J	ND (0.36)	-	-	-	-	-	-	-	ND (0.35)	0.017 J	-	-	-	-	-	-	-
Benzo(k)fluoranthene	56	0.015 J	ND (0.036)	-	-	-	-	-	-	-	ND (0.035)	ND (0.035)	-	-	-	-	-	-	-
Biphenyl	NA	ND (0.36)	ND (0.36)	-	-	-	-	-	-	-	ND (0.35)	ND (0.35)	-	-	-	-	-	-	-
bis(2-Chloroethoxy)methane	NA	ND (0.36)	ND (0.36)	-	-	-	-	-	-	-	ND (0.35)	ND (0.35)	-	-	-	-	-	-	-
bis(2-Chloroethyl)ether	NA	ND (0.036)	ND (0.036)	-	-	-	-	-	-	-	ND (0.035)	ND (0.035)	-	-	-	-	-	-	-
bis(2-Ethylhexyl)phthalate	NA	ND (0.36)	ND (0.36)	-	-	-	-	-	-	-	ND (0.35) *	ND (0.35) *	-	-	-	-	-	-	-
Butyl benzylphthalate (BBP)	NA	ND (0.36)	ND (0.36)	-	-	-	-	-	-	-	ND (0.35) *	ND (0.35) *	-	-	-	-	-	-	-
Caprolactam	NA	ND (0.36) *	ND (0.36) *	-	-	-	-	-	-	-	ND (0.35) *	ND (0.35) *	-	-	-	-	-	-	-
Carbazole	NA	ND (0.36)	ND (0.36)	-	-	-	-	-	-	-	ND (0.35)	ND (0.35)	-	-	-	-	-	-	-
Chrysene	56	0.044 J	ND (0.36)	-	-	-	-	-	-	-	ND (0.35)	ND (0.35)	-	-	-	-	-	-	-
Dibenz(a,h)anthracene	0.56	ND (0.036)	ND (0.036)	-	-	-	-	-	-	-	ND (0.035)	ND (0.035)	-	-	-	-	-	-	-
Dibenzofuran	350	ND (0.36)	ND (0.36)	-	-	-	-	-	-	-	ND (0.35)	ND (0.35)	-	-	-	-	-	-	-
Diethyl phthalate	NA	ND (0.36)	ND (0.36)	-	-	-	-	-	-	-	ND (0.35)	ND (0.35)	-	-	-	-	-	-	-
Dimethyl phthalate	NA	ND (0.36)	ND (0.36)	-	-	-	-	-	-	-	ND (0.35)	ND (0.35)	-	-	-	-	-	-	-
Di-n-butylphthalate (DBP)	NA	ND (0.36)	ND (0.36)	-	-	-	-	-	-	-	ND (0.35) *	ND (0.35) *	-	-	-	-	-	-	-
Di-n-octyl phthalate (DnOP)	NA	ND (0.36)	ND (0.36)	-	-	-	-	-	-	-	ND (0.35) *	ND (0.35) *	-	-	-	-	-	-	-
Fluoranthene	500	0.052 J	ND (0.36)	-	-	-	-	-	-	-	ND (0.35)	ND (0.35)	-	-	-	-	-	-	-
Fluorene	500	ND (0.36)	ND (0.36)	-	-	-	-	-	-	-	ND (0.35)	ND (0.35)	-	-	-	-	-	-	-
Hexachlorobenzene	6	ND (0.036)	ND (0.036)	-	-	-	-	-	-	-	ND (0.035)	ND (0.035)	-	-	-	-	-	-	-
Hexachlorobutadiene	NA	ND (0.073)	ND (0.072)	-	-	-	-	-	-	-	ND (0.072)	ND (0.071)	-	-	-	-	-	-	-
Hexachlorocyclopentadiene	NA	ND (0.36)	ND (0.36)	-	-	-	-	-	-	-	ND (0.35)	ND (0.35)	-	-	-	-	-	-	-
Hexachloroethane	NA	ND (0.036)	ND (0.036)	-	-	-	-	-	-	-	ND (0.035)	ND (0.035)	-	-	-	-	-	-	-
Indeno(1,2,3-cd)pyrene	5.6	0.023 J	ND (0.036)	-	-	-	-	-	-	-	0.022 J	0.022 J	-	-	-	-	-	-	-
Isophorone	NA	ND (0.15)	ND (0.14)	-	-	-	-	-	-	-	ND (0.14)	ND (0.14)	-	-	-	-	-	-	-
Naphthalene	500	0.012 J	ND (0.36)	-	-	-	-	-	-	-	ND (0.35)	ND (0.35)	-	-	-	-	-	-	-
Nitrobenzene	NA	ND (0.036)	ND (0.036)	-	-	-	-	-	-	-	ND (0.035)	ND (0.035)	-	-	-	-	-	-	-
N-Nitrosodi-n-propylamine	NA	ND (0.036)	ND (0.036)	-	-	-	-	-	-	-	ND (0.035)	ND (0.035)	-	-	-	-	-	-	-
N-Nitrosodiphenylamine	NA	ND (0.36)	ND (0.36)	-	-	-	-	-	-	-	ND (0.35)	ND (0.35)	-	-	-	-	-	-	-
Pentachlorophenol	6.7	ND (0.29)	ND (0.29)	-	-	-	-	-	-	-	ND (0.28)	ND (0.28)	-	-	-	-	-	-	-
Phenanthrene	500	0.021 J	0.017 J	-	-	-	-	-	-	-	ND (0.35)	ND (0.35)	-	-	-	-	-	-	-
Phenol	500	ND (0.36)	ND (0.36)	-	-	-	-	-	-	-	ND (0.35)	ND (0.35)	-	-	-	-	-	-	-
Pyrene	500	0.056 J	ND (0.36)	-	-	-	-	-	-	-	ND (0.35)	ND (0.35)	-	-	-	-	-	-	-

TABLE 4
SUMMARY OF SOIL QUALITY DATA - BERM 4
FORMER PORT MOBIL TERMINAL
STATEN ISLAND, NEW YORK
FILE NO. 0208998

	Criteria																		
Location Name	NY Part 375	4C	4C	4C1	4C1	4C1	4C2	4C2	4C3	4C3	4D	4D	4D1	4D1	4D1	4D2	4D2	4D3	4D3
Sample Name	Commercial	4C_0-7	4C_7-14	4C1_1-2	4C1_6-7	4C1_13-14	4C2_3-4	4C2_8-9	4C3_5-6	4C3_11-12	4D_0-7	4D_7-14	4D1_1-2	4D1_6-7	4D1_11-12	4D2_2-3	4D2_7-8	4D3_4-5	4D3_9-10
Sample Date	Use	10/02/2025	10/02/2025	10/02/2025	10/02/2025	10/02/2025	10/02/2025	10/02/2025	10/02/2025	10/02/2025	10/02/2025	10/02/2025	10/02/2025	10/02/2025	10/02/2025	10/02/2025	10/02/2025	10/02/2025	10/02/2025
Lab Sample ID	Soil Cleanup	460-336309-11	460-336309-12	460-336309-54	460-336309-57	460-336309-60	460-336309-55	460-336309-58	460-336309-56	460-336309-59	460-336309-13	460-336309-14	460-336309-61	460-336309-64	460-336309-67	460-336309-62	460-336309-65	460-336309-63	460-336309-66
Sample Depth (bgs)	Objectives	0 - 7 (ft)	7 - 14 (ft)	1 - 2 (ft)	6 - 7 (ft)	13 - 14 (ft)	3 - 4 (ft)	8 - 9 (ft)	5 - 6 (ft)	11 - 12 (ft)	0 - 7 (ft)	7 - 14 (ft)	1 - 2 (ft)	6 - 7 (ft)	11 - 12 (ft)	2 - 3 (ft)	7 - 8 (ft)	4 - 5 (ft)	9 - 10 (ft)
PFAS (mg/kg)																			
11-Chloroeicosafluoro-3-Oxaundecane-1-Sulfonic Acid (11Cl-PF3OUdS)	NA	ND (0.0002)	ND (0.0002)	-	-	-	-	-	-	-	ND (0.0002)	ND (0.0002)	-	-	-	-	-	-	-
2H,2H,3H,3H-Perfluorooctanoic acid (5:3 FTCA)	NA	ND (0.001)	ND (0.00099)	-	-	-	-	-	-	-	ND (0.001)	ND (0.00099)	-	-	-	-	-	-	-
3-(Perfluoroheptyl)propanoic acid (7:3 FTCA)	NA	ND (0.001)	ND (0.00099)	-	-	-	-	-	-	-	ND (0.001)	ND (0.00099)	-	-	-	-	-	-	-
3:3 Fluorotelomer carboxylic acid (3:3 FTCA)	NA	ND (0.0004)	ND (0.0004)	-	-	-	-	-	-	-	ND (0.0004)	ND (0.00039)	-	-	-	-	-	-	-
4,8-Dioxa-3H-Perfluorononanoic Acid (ADONA)	NA	ND (0.0002)	ND (0.0002)	-	-	-	-	-	-	-	ND (0.0002)	ND (0.0002)	-	-	-	-	-	-	-
4:2 Fluorotelomer sulfonic acid (4:2 FTS)	NA	ND (0.0004)	ND (0.0004)	-	-	-	-	-	-	-	ND (0.0004)	ND (0.00039)	-	-	-	-	-	-	-
6:2 Fluorotelomer sulfonic acid (6:2 FTS)	NA	ND (0.0004)	ND (0.0004)	-	-	-	-	-	-	-	ND (0.0004)	ND (0.00039)	-	-	-	-	-	-	-
8:2 Fluorotelomer sulfonic acid (8:2 FTS)	NA	ND (0.0004)	ND (0.0004)	-	-	-	-	-	-	-	ND (0.0004)	ND (0.00039)	-	-	-	-	-	-	-
9-Chlorohexadecafluoro-3-Oxanone-1-Sulfonic Acid (9Cl-PF3ONS)	NA	ND (0.0002)	ND (0.0002)	-	-	-	-	-	-	-	ND (0.0002)	ND (0.0002)	-	-	-	-	-	-	-
N-Ethyl Perfluorooctanesulfonamidoacetic Acid (NEtFOSAA)	NA	ND (0.0002)	ND (0.0002)	-	-	-	-	-	-	-	ND (0.0002)	ND (0.0002)	-	-	-	-	-	-	-
N-Ethylperfluorooctane sulfonamide (N-EtFOSA)	NA	ND (0.0002)	ND (0.0002)	-	-	-	-	-	-	-	ND (0.0002)	ND (0.0002)	-	-	-	-	-	-	-
N-Ethylperfluorooctane sulfonamidoethanol (N-EtFOSE)	NA	ND (0.001)	ND (0.00099)	-	-	-	-	-	-	-	ND (0.001)	ND (0.00099)	-	-	-	-	-	-	-
N-Methyl Perfluorooctanesulfonamidoacetic Acid (NMeFOSAA)	NA	ND (0.0002)	ND (0.0002)	-	-	-	-	-	-	-	ND (0.0002)	ND (0.0002)	-	-	-	-	-	-	-
N-Methylperfluorooctane sulfonamide (N-MeFOSA)	NA	ND (0.0002)	ND (0.0002)	-	-	-	-	-	-	-	ND (0.0002)	ND (0.0002)	-	-	-	-	-	-	-
N-Methylperfluorooctane sulfonamidoethanol (N-MeFOSE)	NA	ND (0.001)	ND (0.00099)	-	-	-	-	-	-	-	ND (0.001)	ND (0.00099)	-	-	-	-	-	-	-
Nonafluoro-3,6-dioxaheptanoic acid (NFDHA)	NA	ND (0.0002)	ND (0.0002)	-	-	-	-	-	-	-	ND (0.0002)	ND (0.0002)	-	-	-	-	-	-	-
Perfluoro(2-ethoxyethane) sulphonic acid (PFEESA)	NA	ND (0.0002)	ND (0.0002)	-	-	-	-	-	-	-	ND (0.0002)	ND (0.0002)	-	-	-	-	-	-	-
Perfluoro(4-methoxybutanoic) acid (PFMBA)	NA	ND (0.0002)	ND (0.0002)	-	-	-	-	-	-	-	ND (0.0002)	ND (0.0002)	-	-	-	-	-	-	-
Perfluoro-2-propoxypropanoic acid (PFPrOPrA)(GenX) (HFPO-DA)	NA	ND (0.0002)	ND (0.0002)	-	-	-	-	-	-	-	ND (0.0002)	ND (0.0002)	-	-	-	-	-	-	-
Perfluoro-3-methoxypropanoic acid (PFMPA)	NA	ND (0.0002)	ND (0.0002)	-	-	-	-	-	-	-	ND (0.0002)	ND (0.0002)	-	-	-	-	-	-	-
Perfluorobutanesulfonic acid (PFBS)	NA	ND (0.0002)	ND (0.0002)	-	-	-	-	-	-	-	ND (0.0002)	ND (0.0002)	-	-	-	-	-	-	-
Perfluorobutanoic acid (PFBA)	NA	ND (0.0004)	ND (0.0004)	-	-	-	-	-	-	-	ND (0.0004)	ND (0.00039)	-	-	-	-	-	-	-
Perfluorodecanesulfonic acid (PFDS)	NA	ND (0.0002)	ND (0.0002)	-	-	-	-	-	-	-	ND (0.0002)	ND (0.0002)	-	-	-	-	-	-	-
Perfluorodecanoic acid (PFDA)	NA	ND (0.0002)	ND (0.0002)	-	-	-	-	-	-	-	0.000066 J	0.000076 J	-	-	-	-	-	-	-
Perfluorododecane sulfonic acid (PFDoDS)	NA	ND (0.0002)	ND (0.0002)	-	-	-	-	-	-	-	ND (0.0002)	ND (0.0002)	-	-	-	-	-	-	-
Perfluorododecanoic acid (PFDoDA)	NA	ND (0.0002)	ND (0.0002)	-	-	-	-	-	-	-	ND (0.0002)	ND (0.0002)	-	-	-	-	-	-	-
Perfluoroheptanesulfonic acid (PFHpS)	NA	ND (0.0002)	ND (0.0002)	-	-	-	-	-	-	-	ND (0.0002)	ND (0.0002)	-	-	-	-	-	-	-
Perfluoroheptanoic acid (PFHpA)	NA	ND (0.0002)	ND (0.0002)	-	-	-	-	-	-	-	ND (0.0002)	ND (0.0002)	-	-	-	-	-	-	-
Perfluorohexanesulfonic acid (PFHxS)	NA	ND (0.0002)	ND (0.0002)	-	-	-	-	-	-	-	ND (0.0002)	ND (0.0002)	-	-	-	-	-	-	-
Perfluorohexanoic acid (PFHxA)	NA	ND (0.0002)	ND (0.0002)	-	-	-	-	-	-	-	ND (0.0002)	ND (0.0002)	-	-	-	-	-	-	-
Perfluorononane sulfonic acid (PFNS)	NA	ND (0.0002)	ND (0.0002)	-	-	-	-	-	-	-	ND (0.0002)	ND (0.0002)	-	-	-	-	-	-	-
Perfluorononanoic acid (PFNA)	NA	ND (0.0002)	ND (0.0002)	-	-	-	-	-	-	-	ND (0.0002)	0.00013 J	-	-	-	-	-	-	-
Perfluorooctane sulfonamide (PFOSA)	NA	ND (0.0002)	ND (0.0002)	-	-	-	-	-	-	-	ND (0.0002)	ND (0.0002)	-	-	-	-	-	-	-
Perfluorooctanesulfonic acid (PFOS)	0.44	ND (0.0002)	ND (0.0002)	-	-	-	-	-	-	-	ND (0.0002)	ND (0.0002)	-	-	-	-	-	-	-
Perfluorooctanoic acid (PFOA)	0.5	ND (0.0002)	ND (0.0002)	-	-	-	-	-	-	-	ND (0.0002)	ND (0.0002)	-	-	-	-	-	-	-
Perfluoropentanesulfonic acid (PFPeS)	NA	ND (0.0002)	ND (0.0002)	-	-	-	-	-	-	-	ND (0.0002)	ND (0.0002)	-	-	-	-	-	-	-
Perfluoropentanoic acid (PFPeA)	NA	ND (0.0002)	ND (0.0002)	-	-	-	-	-	-	-	ND (0.0002)	ND (0.0002)	-	-	-	-	-	-	-
Perfluorotetradecanoic acid (PFTeDA)	NA	ND (0.0002)	ND (0.0002)	-	-	-	-	-	-	-	ND (0.0002)	ND (0.0002)	-	-	-	-	-	-	-
Perfluorotridecanoic acid (PFTrDA)	NA	0.00064	0.00016 J	-	-	-	-	-	-	-	0.00079	0.0014	-	-	-	-	-	-	-
Perfluoroundecanoic acid (PFUnDA)	NA	0.00033	0.0003	-	-	-	-	-	-	-	0.00189	0.00156	-	-	-	-	-	-	-
Pesticides (mg/kg)																			
4,4'-DDD	92	ND (0.0073)	ND (0.0072)	-	-	-	-	-	-	-	ND (0.0072)	ND (0.0072)	-	-	-	-	-	-	-
4,4'-DDE	62	ND (0.0073)	ND (0.0072)	-	-	-	-	-	-	-	ND (0.0072)	ND (0.0072)	-	-	-	-	-	-	-
4,4'-DDT	47	ND (0.0073)	ND (0.0072)	-	-	-	-	-	-	-	ND (0.0072)	ND (0.0072)	-	-	-	-	-	-	-
Aldrin	0.68	ND (0.0073)	ND (0.0072)	-	-	-	-	-	-	-	ND (0.0072)	ND (0.0072)	-	-	-	-	-	-	-
alpha-BHC	3.4	ND (0.0022)	ND (0.0022)	-	-	-	-	-	-	-	ND (0.0021)	ND (0.0021)	-	-	-	-	-	-	-
alpha-Chlordane (cis)	24	ND (0.0073)	ND (0.0072)	-	-	-	-	-	-	-	ND (0.0072)	ND (0.0072)	-	-	-	-	-	-	-
beta-BHC	3	ND (0.0022)	ND (0.0022)	-	-	-	-	-	-	-	ND (0.0021)	ND (0.0021)	-	-	-	-	-	-	-
Chlordane	NA	ND (0.073)	ND (0.072)	-	-	-	-	-	-	-	ND (0.072)	ND (0.072)	-	-	-	-	-	-	-
delta-BHC	500	ND (0.0022)	ND (0.0022)	-	-	-	-	-	-	-	ND (0.0021)	ND (0.0021)	-	-	-	-	-	-	-
Dieldrin	1.4	ND (0.0022)	ND (0.0022)	-	-	-	-	-	-	-	ND (0.0021)	ND (0.0021)	-	-	-	-	-	-	-
Endosulfan I	200	ND (0.0073)	ND (0.0072)	-	-	-	-	-	-	-	ND (0.0072)	ND (0.0072)	-	-	-	-	-	-	-
Endosulfan II	200	ND (0.0073)	ND (0.0072)	-	-	-	-	-	-	-	ND (0.0072)	ND (0.0072)	-	-	-	-	-	-	-
Endosulfan sulfate	200	ND (0.0073)	ND (0.0072)	-	-	-	-	-	-	-	ND (0.0072)	ND (0.0072)	-	-	-	-	-	-	-
Endrin	89	ND (0.0073)	ND (0.0072)	-	-	-	-	-	-	-	ND (0.0072)	ND (0.0072)	-	-	-	-	-	-	-
Endrin aldehyde	NA	ND (0.0073)	ND (0.0072)	-	-	-	-	-	-	-	ND (0.0072)	ND (0.0072)	-	-	-	-	-	-	-
Endrin ketone	NA	ND (0.0073)	ND (0.0072)	-	-	-	-	-	-	-	ND (0.0072)	ND (0.0072)	-	-	-	-	-	-	-
gamma-BHC (Lindane)	9.2	ND (0.0022)	ND (0.0022)	-	-	-	-	-	-	-	ND (0.0021)	ND (0.0021)	-	-	-	-	-	-	-
Heptachlor	15	ND (0.0073)	ND (0.0072)	-	-	-	-	-	-	-	ND (0.0072)	ND (0.0072)	-	-	-	-	-	-	-
Heptachlor epoxide	NA	ND (0.0073)	ND (0.0072)	-	-	-	-	-	-	-	ND (0.0072)	ND (0.0072)	-	-	-	-	-	-	-
Methoxychlor	NA	ND (0.0073)	ND (0.0072)	-	-	-	-	-	-	-	ND (0.0072)	ND (0.0072)	-	-	-	-	-	-	-
Toxaphene	NA	ND (0.073)	ND (0.072)	-	-	-	-	-	-	-	ND (0.072)	ND (0.072)	-	-	-	-	-	-	-

TABLE 4
SUMMARY OF SOIL QUALITY DATA - BERM 4
FORMER PORT MOBIL TERMINAL
STATEN ISLAND, NEW YORK
FILE NO. 0208998

	Criteria																		
Location Name	NY Part 375	4C	4C	4C1	4C1	4C1	4C2	4C2	4C3	4C3	4D	4D	4D1	4D1	4D1	4D2	4D2	4D3	4D3
Sample Name	Commercial	4C_0-7	4C_7-14	4C1_1-2	4C1_6-7	4C1_13-14	4C2_3-4	4C2_8-9	4C3_5-6	4C3_11-12	4D_0-7	4D_7-14	4D1_1-2	4D1_6-7	4D1_11-12	4D2_2-3	4D2_7-8	4D3_4-5	4D3_9-10
Sample Date	Use	10/02/2025	10/02/2025	10/02/2025	10/02/2025	10/02/2025	10/02/2025	10/02/2025	10/02/2025	10/02/2025	10/02/2025	10/02/2025	10/02/2025	10/02/2025	10/02/2025	10/02/2025	10/02/2025	10/02/2025	10/02/2025
Lab Sample ID	Soil Cleanup	460-336309-11	460-336309-12	460-336309-54	460-336309-57	460-336309-60	460-336309-55	460-336309-58	460-336309-56	460-336309-59	460-336309-13	460-336309-14	460-336309-61	460-336309-64	460-336309-67	460-336309-62	460-336309-65	460-336309-63	460-336309-66
Sample Depth (bgs)	Objectives	0 - 7 (ft)	7 - 14 (ft)	1 - 2 (ft)	6 - 7 (ft)	13 - 14 (ft)	3 - 4 (ft)	8 - 9 (ft)	5 - 6 (ft)	11 - 12 (ft)	0 - 7 (ft)	7 - 14 (ft)	1 - 2 (ft)	6 - 7 (ft)	11 - 12 (ft)	2 - 3 (ft)	7 - 8 (ft)	4 - 5 (ft)	9 - 10 (ft)
Polychlorinated Biphenyls (mg/kg)																			
Aroclor-1016 (PCB-1016)	NA	ND (0.073)	ND (0.072)	-	-	-	-	-	-	-	ND (0.072)	ND (0.072)	-	-	-	-	-	-	-
Aroclor-1221 (PCB-1221)	NA	ND (0.073)	ND (0.072)	-	-	-	-	-	-	-	ND (0.072)	ND (0.072)	-	-	-	-	-	-	-
Aroclor-1232 (PCB-1232)	NA	ND (0.073)	ND (0.072)	-	-	-	-	-	-	-	ND (0.072)	ND (0.072)	-	-	-	-	-	-	-
Aroclor-1242 (PCB-1242)	NA	ND (0.073)	ND (0.072)	-	-	-	-	-	-	-	ND (0.072)	ND (0.072)	-	-	-	-	-	-	-
Aroclor-1248 (PCB-1248)	NA	ND (0.073)	ND (0.072)	-	-	-	-	-	-	-	ND (0.072)	ND (0.072)	-	-	-	-	-	-	-
Aroclor-1254 (PCB-1254)	NA	ND (0.073)	ND (0.072)	-	-	-	-	-	-	-	ND (0.072)	ND (0.072)	-	-	-	-	-	-	-
Aroclor-1260 (PCB-1260)	NA	ND (0.073)	ND (0.072)	-	-	-	-	-	-	-	ND (0.072)	ND (0.072)	-	-	-	-	-	-	-
Aroclor-1262 (PCB-1262)	NA	ND (0.073)	ND (0.072)	-	-	-	-	-	-	-	ND (0.072)	ND (0.072)	-	-	-	-	-	-	-
Aroclor-1268 (PCB-1268)	NA	ND (0.073)	ND (0.072)	-	-	-	-	-	-	-	ND (0.072)	ND (0.072)	-	-	-	-	-	-	-
Total PCBs	1	ND (0.073)	ND (0.072)	-	-	-	-	-	-	-	ND (0.072)	ND (0.072)	-	-	-	-	-	-	-
Inorganic Compounds (mg/kg)																			
Aluminum	NA	8180	7100	-	-	-	-	-	-	-	6840	6710	-	-	-	-	-	-	-
Antimony	NA	0.34 J	0.28 J	-	-	-	-	-	-	-	0.57 J	0.54 J	-	-	-	-	-	-	-
Arsenic	16	4.3	4	-	-	-	-	-	-	-	5.2	5.5	-	-	-	-	-	-	-
Barium	400	46	49.3	-	-	-	-	-	-	-	49.8	48.2	-	-	-	-	-	-	-
Beryllium	590	0.47	0.58	-	-	-	-	-	-	-	0.51	0.47	-	-	-	-	-	-	-
Cadmium	9.3	0.14 J	ND (1)	-	-	-	-	-	-	-	0.21 J	0.16 J	-	-	-	-	-	-	-
Calcium	NA	3960	4910	-	-	-	-	-	-	-	1160	979	-	-	-	-	-	-	-
Chromium	NA	14.5	14.8	-	-	-	-	-	-	-	16.9	14.3	-	-	-	-	-	-	-
Cobalt	NA	6.9	6.7	-	-	-	-	-	-	-	7	7.7	-	-	-	-	-	-	-
Copper	270	24.3	18.3	-	-	-	-	-	-	-	32.6	33.8	-	-	-	-	-	-	-
Iron	NA	15600	14800	-	-	-	-	-	-	-	16300	14900	-	-	-	-	-	-	-
Lead	1000	32.4	15.4	-	-	-	-	-	-	-	43.1	59.4	-	-	-	-	-	-	-
Magnesium	NA	4510	3210	-	-	-	-	-	-	-	2280	2050	-	-	-	-	-	-	-
Manganese	10000	314	236	-	-	-	-	-	-	-	274	229	-	-	-	-	-	-	-
Mercury	2.8	0.023	0.023	-	-	-	-	-	-	-	0.032	0.033	-	-	-	-	-	-	-
Nickel	310	13.3	13.8	-	-	-	-	-	-	-	14.5	13.1	-	-	-	-	-	-	-
Potassium	NA	974	1210	-	-	-	-	-	-	-	1030	862	-	-	-	-	-	-	-
Selenium	1500	0.16 J	0.14 J	-	-	-	-	-	-	-	0.27 J	0.33 J	-	-	-	-	-	-	-
Silver	1500	0.12 J	ND (0.41)	-	-	-	-	-	-	-	0.13 J	0.16 J	-	-	-	-	-	-	-
Sodium	NA	75.5 J	93.8 J	-	-	-	-	-	-	-	74.5 J	70.3 J	-	-	-	-	-	-	-
Thallium	NA	0.088 J	0.092 J	-	-	-	-	-	-	-	0.075 J	0.089 J	-	-	-	-	-	-	-
Vanadium	NA	22.5	22.3	-	-	-	-	-	-	-	20.9	20.2	-	-	-	-	-	-	-
Zinc	10000	45.2	41.3	-	-	-	-	-	-	-	64.1	64.8	-	-	-	-	-	-	-

ABBREVIATIONS AND NOTES:

mg/kg: milligram per kilogram

**: LCS or LCSD is outside acceptance limits.*
-: Not Analyzed
B: Compound was found in the blank and the associated sample.
bgs: below ground surface
ft: feet
J: Value is estimated.
NA: Not Applicable
ND (2.5): Not detected, number in parentheses is the laboratory reporting limit

- For test methods used, see the laboratory data sheets.
- Soil analytical results are compared to the New York State Department of Environmental Conservation (NYSDEC) Title 6 of the Official Compilation of New York Codes, Rules, and Regulations (NYCRR) Part 375 Commercial Use Soil Cleanup Objectives (SCO).
- Grey shading indicates an exceedance of the Commercial Use Soil Cleanup Objectives.

TABLE 4
SUMMARY OF SOIL QUALITY DATA - BERM 4
FORMER PORT MOBIL TERMINAL
STATEN ISLAND, NEW YORK
FILE NO. 0208998

	Criteria																		
Location Name	NY Part 375	4E	4E	4E	4E	4E	4E	4E	4E	4E	4F	4F	4F1	4F1	4F1	4F2	4F2	4F3	4F3
Sample Name	Commercial	4E_0-7	4E_7-14	4E1_1-2	4E1_5-6	4E2_3-4	4E2_7-8	4E2_12-13	4E3_4-5	4E3_9-10	4F_0-7	4F_7-14	4F1_1-2	4F1_6-7	4F1_12-13	4F2_3-4	4F2_8-9	4F3_5-6	4F3_10-11
Sample Date	Use	10/02/2025	10/02/2025	10/02/2025	10/02/2025	10/02/2025	10/02/2025	10/02/2025	10/02/2025	10/02/2025	10/02/2025	10/02/2025	10/02/2025	10/02/2025	10/02/2025	10/02/2025	10/02/2025	10/02/2025	10/02/2025
Lab Sample ID	Soil Cleanup	460-336309-15	460-336309-16	460-336309-68	460-336309-71	460-336309-69	460-336309-72	460-336309-74	460-336309-70	460-336309-73	460-336309-17	460-336309-18	460-336309-75	460-336309-78	460-336309-81	460-336309-76	460-336309-79	460-336309-77	460-336309-80
Sample Depth (bgs)	Objectives	0 - 7 (ft)	7 - 14 (ft)	1 - 2 (ft)	5 - 6 (ft)	3 - 4 (ft)	7 - 8 (ft)	12 - 13 (ft)	4 - 5 (ft)	9 - 10 (ft)	0 - 7 (ft)	7 - 14 (ft)	1 - 2 (ft)	6 - 7 (ft)	12 - 13 (ft)	3 - 4 (ft)	8 - 9 (ft)	5 - 6 (ft)	10 - 11 (ft)
Volatile Organic Compounds (mg/kg)																			
1,1,1-Trichloroethane	500	-	-	ND (0.0013)	ND (0.0011)	ND (0.0014)	ND (0.001)	ND (0.00087)	ND (0.00094)	ND (0.0013)	-	-	ND (0.00088)	ND (0.0015)	ND (0.0014)	ND (0.00093)	ND (0.001)	ND (0.00097)	ND (0.0011)
1,1,2,2-Tetrachloroethane	NA	-	-	ND (0.0013)	ND (0.0011)	ND (0.0014)	ND (0.001)	ND (0.00087)	ND (0.00094)	ND (0.0013)	-	-	ND (0.00088)	ND (0.0015)	ND (0.0014)	ND (0.00093)	ND (0.001)	ND (0.00097)	ND (0.0011)
1,1,2-Trichloroethane	NA	-	-	ND (0.0013)	ND (0.0011)	ND (0.0014)	ND (0.001)	ND (0.00087)	ND (0.00094)	ND (0.0013)	-	-	ND (0.00088)	ND (0.0015)	ND (0.0014)	ND (0.00093)	ND (0.001)	ND (0.00097)	ND (0.0011)
1,1-Dichloroethane	240	-	-	ND (0.0013)	ND (0.0011)	ND (0.0014)	ND (0.001)	ND (0.00087)	ND (0.00094)	ND (0.0013)	-	-	ND (0.00088)	ND (0.0015)	ND (0.0014)	ND (0.00093)	ND (0.001)	ND (0.00097)	ND (0.0011)
1,1-Dichloroethene	500	-	-	ND (0.0013)	ND (0.0011)	ND (0.0014)	ND (0.001)	ND (0.00087)	ND (0.00094)	ND (0.0013)	-	-	ND (0.00088)	ND (0.0015)	ND (0.0014)	ND (0.00093)	ND (0.001)	ND (0.00097)	ND (0.0011)
1,2,3-Trichlorobenzene	NA	-	-	ND (0.0013)	ND (0.0011)	ND (0.0014)	ND (0.001)	ND (0.00087)	ND (0.00094)	ND (0.0013)	-	-	ND (0.00088)	ND (0.0015)	ND (0.0014)	ND (0.00093)	ND (0.001)	ND (0.00097)	ND (0.0011)
1,2,4-Trichlorobenzene	NA	-	-	ND (0.0013)	ND (0.0011)	ND (0.0014)	ND (0.001)	ND (0.00087)	ND (0.00094)	ND (0.0013)	-	-	ND (0.00088)	ND (0.0015)	ND (0.0014)	ND (0.00093)	ND (0.001)	ND (0.00097)	ND (0.0011)
1,2,4-Trimethylbenzene	190	-	-	ND (0.0013)	ND (0.0011)	ND (0.0014)	ND (0.001)	ND (0.00087)	ND (0.00094)	ND (0.0013)	-	-	ND (0.00088)	ND (0.0015)	ND (0.0014)	ND (0.00093)	ND (0.001)	ND (0.00097)	ND (0.0011)
1,2-Dibromo-3-chloropropane (DBCP)	NA	-	-	ND (0.0013)	ND (0.0011)	ND (0.0014)	ND (0.001)	ND (0.00087)	ND (0.00094)	ND (0.0013)	-	-	ND (0.00088)	ND (0.0015)	ND (0.0014)	ND (0.00093)	ND (0.001)	ND (0.00097)	ND (0.0011)
1,2-Dibromoethane (Ethylene Dibromide)	NA	-	-	ND (0.0013)	ND (0.0011)	ND (0.0014)	ND (0.001)	ND (0.00087)	ND (0.00094)	ND (0.0013)	-	-	ND (0.00088)	ND (0.0015)	ND (0.0014)	ND (0.00093)	ND (0.001)	ND (0.00097)	ND (0.0011)
1,2-Dichlorobenzene	500	-	-	ND (0.0013)	ND (0.0011)	ND (0.0014)	ND (0.001)	ND (0.00087)	ND (0.00094)	ND (0.0013)	-	-	ND (0.00088)	ND (0.0015)	ND (0.0014)	ND (0.00093)	ND (0.001)	ND (0.00097)	ND (0.0011)
1,2-Dichloroethane	30	-	-	ND (0.0013)	ND (0.0011)	ND (0.0014)	ND (0.001)	ND (0.00087)	ND (0.00094)	ND (0.0013)	-	-	ND (0.00088)	ND (0.0015)	ND (0.0014)	ND (0.00093)	ND (0.001)	ND (0.00097)	ND (0.0011)
1,2-Dichloropropane	NA	-	-	ND (0.0013)	ND (0.0011)	ND (0.0014)	ND (0.001)	ND (0.00087)	ND (0.00094)	ND (0.0013)	-	-	ND (0.00088)	ND (0.0015)	ND (0.0014)	ND (0.00093)	ND (0.001)	ND (0.00097)	ND (0.0011)
1,3,5-Trimethylbenzene	190	-	-	ND (0.0013)	ND (0.0011)	ND (0.0014)	ND (0.001)	ND (0.00087)	ND (0.00094)	ND (0.0013)	-	-	ND (0.00088)	ND (0.0015)	ND (0.0014)	ND (0.00093)	ND (0.001)	ND (0.00097)	ND (0.0011)
1,3-Dichlorobenzene	280	-	-	ND (0.0013)	ND (0.0011)	ND (0.0014)	ND (0.001)	ND (0.00087)	ND (0.00094)	ND (0.0013)	-	-	ND (0.00088)	ND (0.0015)	ND (0.0014)	ND (0.00093)	ND (0.001)	ND (0.00097)	ND (0.0011)
1,4-Dichlorobenzene	130	-	-	ND (0.0013)	ND (0.0011)	ND (0.0014)	ND (0.001)	ND (0.00087)	ND (0.00094)	ND (0.0013)	-	-	ND (0.00088)	ND (0.0015)	ND (0.0014)	ND (0.00093)	ND (0.001)	ND (0.00097)	ND (0.0011)
2-Butanone (Methyl Ethyl Ketone)	500	-	-	ND (0.0065)	ND (0.0055)	ND (0.0069)	ND (0.0052)	ND (0.0043)	ND (0.0047)	ND (0.0063)	-	-	ND (0.0044)	ND (0.0075)	0.0045 J	ND (0.0046)	ND (0.0051)	ND (0.0049)	ND (0.0057)
2-Hexanone (Methyl Butyl Ketone)	NA	-	-	ND (0.0065)	ND (0.0055)	ND (0.0069)	ND (0.0052)	ND (0.0043)	ND (0.0047)	ND (0.0063)	-	-	ND (0.0044)	ND (0.0075)	ND (0.0069)	ND (0.0046)	ND (0.0051)	ND (0.0049)	ND (0.0057)
2-Phenylbutane (sec-Butylbenzene)	500	-	-	ND (0.0013)	ND (0.0011)	ND (0.0014)	ND (0.001)	ND (0.00087)	ND (0.00094)	ND (0.0013)	-	-	ND (0.00088)	ND (0.0015)	ND (0.0014)	ND (0.00093)	ND (0.001)	ND (0.00097)	ND (0.0011)
4-Methyl-2-Pentanone (Methyl Isobutyl Ketone)	NA	-	-	ND (0.0065)	ND (0.0055)	ND (0.0069)	ND (0.0052)	ND (0.0043)	ND (0.0047)	ND (0.0063)	-	-	ND (0.0044)	ND (0.0075)	ND (0.0069)	ND (0.0046)	ND (0.0051)	ND (0.0049)	ND (0.0057)
Acetone	500	-	-	ND (0.0078)	0.0097	ND (0.0083)	ND (0.0062)	0.028	0.0074	ND (0.0075)	-	-	ND (0.0053)	0.015	0.12	ND (0.0056)	ND (0.0061)	ND (0.0058)	ND (0.0068)
Benzene	44	-	-	ND (0.0013)	ND (0.0011)	ND (0.0014)	ND (0.001)	ND (0.00087)	ND (0.00094)	ND (0.0013)	-	-	ND (0.00088)	ND (0.0015)	ND (0.0014)	ND (0.00093)	ND (0.001)	ND (0.00097)	ND (0.0011)
Bromodichloromethane	NA	-	-	ND (0.0013)	ND (0.0011)	ND (0.0014)	ND (0.001)	ND (0.00087)	ND (0.00094)	ND (0.0013)	-	-	ND (0.00088)	ND (0.0015)	ND (0.0014)	ND (0.00093)	ND (0.001)	ND (0.00097)	ND (0.0011)
Bromoform	NA	-	-	ND (0.0013)	ND (0.0011)	ND (0.0014)	ND (0.001)	ND (0.00087)	ND (0.00094)	ND (0.0013)	-	-	ND (0.00088)	ND (0.0015)	ND (0.0014)	ND (0.00093)	ND (0.001)	0.00061 J	ND (0.0011)
Bromomethane (Methyl Bromide)	NA	-	-	ND (0.0026)	ND (0.0022)	ND (0.0028)	ND (0.0021) *	ND (0.0017) *	ND (0.0019)	ND (0.0025) *	-	-	ND (0.0018) *	ND (0.003) *	ND (0.0028) *	ND (0.0019) *	ND (0.002) *	ND (0.0019) *	ND (0.0023) *
Carbon disulfide	NA	-	-	ND (0.0013)	ND (0.0011)	ND (0.0014)	ND (0.001)	ND (0.00087)	ND (0.00094)	ND (0.0013)	-	-	ND (0.00088)	0.0014 J	0.0015	ND (0.00093)	ND (0.001)	ND (0.00097)	ND (0.0011)
Carbon tetrachloride	22	-	-	ND (0.0013)	ND (0.0011)	ND (0.0014)	ND (0.001)	ND (0.00087)	ND (0.00094)	ND (0.0013)	-	-	ND (0.00088)	ND (0.0015)	ND (0.0014)	ND (0.00093)	ND (0.001)	ND (0.00097)	ND (0.0011)
Chlorobenzene	500	-	-	ND (0.0013)	ND (0.0011)	ND (0.0014)	ND (0.001)	ND (0.00087)	ND (0.00094)	ND (0.0013)	-	-	ND (0.00088)	ND (0.0015)	ND (0.0014)	ND (0.00093)	ND (0.001)	ND (0.00097)	ND (0.0011)
Chlorobromomethane	NA	-	-	ND (0.0013)	ND (0.0011)	ND (0.0014)	ND (0.001)	ND (0.00087)	ND (0.00094)	ND (0.0013)	-	-	ND (0.00088)	ND (0.0015)	ND (0.0014)	ND (0.00093)	ND (0.001)	ND (0.00097)	ND (0.0011)
Chloroethane	NA	-	-	ND (0.0013)	ND (0.0011) *	ND (0.0014)	ND (0.001)	ND (0.00087)	ND (0.00094)	ND (0.0013)	-	-	ND (0.00088)	ND (0.0015)	ND (0.0014)	ND (0.00093)	ND (0.001)	ND (0.00097)	ND (0.0011)
Chloroform (Trichloromethane)	350	-	-	ND (0.0013)	ND (0.0011)	ND (0.0014)	ND (0.001)	ND (0.00087)	ND (0.00094)	ND (0.0013)	-	-	ND (0.00088)	ND (0.0015)	ND (0.0014)	ND (0.00093)	ND (0.001)	ND (0.00097)	ND (0.0011)
Chloromethane (Methyl Chloride)	NA	-	-	ND (0.0013)	ND (0.0011)	ND (0.0014)	ND (0.001)	ND (0.00087)	ND (0.00094)	ND (0.0013)	-	-	ND (0.00088)	ND (0.0015)	ND (0.0014)	ND (0.00093)	ND (0.001)	ND (0.00097)	ND (0.0011)
cis-1,2-Dichloroethene	500	-	-	ND (0.0013)	ND (0.0011)	ND (0.0014)	ND (0.001)	ND (0.00087)	ND (0.00094)	ND (0.0013)	-	-	ND (0.00088)	ND (0.0015)	ND (0.0014)	ND (0.00093)	ND (0.001)	ND (0.00097)	ND (0.0011)
cis-1,3-Dichloropropene	NA	-	-	ND (0.0013)	ND (0.0011)	ND (0.0014)	ND (0.001)	ND (0.00087)	ND (0.00094)	ND (0.0013)	-	-	ND (0.00088)	ND (0.0015)	ND (0.0014)	ND (0.00093)	ND (0.001)	ND (0.00097)	ND (0.0011)
Cyclohexane	NA	-	-	ND (0.0013)	ND (0.0011)	ND (0.0014)	ND (0.001)	ND (0.00087)	ND (0.00094)	ND (0.0013)	-	-	ND (0.00088)	ND (0.0015)	ND (0.0014)	ND (0.00093)	ND (0.001)	ND (0.00097)	ND (0.0011)
Dibromochloromethane	NA	-	-	ND (0.0013)	ND (0.0011)	ND (0.0014)	ND (0.001)	ND (0.00087)	ND (0.00094)	ND (0.0013)	-	-	ND (0.00088)	ND (0.0015)	ND (0.0014)	ND (0.00093)	ND (0.001)	ND (0.00097)	ND (0.0011)
Dichlorodifluoromethane (CFC-12)	NA	-	-	ND (0.0013) *	ND (0.0011) *	ND (0.0014) *	ND (0.001)	ND (0.00087)	ND (0.00094) *	ND (0.0013)	-	-	ND (0.00088)	ND (0.0015)	ND (0.0014)	ND (0.00093)	ND (0.001)	ND (0.00097)	ND (0.0011)
Ethylbenzene	390	-	-	ND (0.0013)	ND (0.0011)	ND (0.0014)	ND (0.001)	ND (0.00087)	ND (0.00094)	ND (0.0013)	-	-	ND (0.00088)	ND (0.0015)	ND (0.0014)	ND (0.00093)	ND (0.001)	ND (0.00097)	ND (0.0011)
Isopropylbenzene (Cumene)	NA	-	-	ND (0.0013)	ND (0.0011)	ND (0.0014)	ND (0.001)	ND (0.00087)	ND (0.00094)	ND (0.0013)	-	-	ND (0.00088)	ND (0.0015)	ND (0.0014)	ND (0.00093)	ND (0.001)	ND (0.00097)	ND (0.0011)
m,p-Xylenes	NA	-	-	ND (0.0013)	ND (0.0011)	ND (0.0014)	ND (0.001)	ND (0.00087)	ND (0.00094)	ND (0.0013)	-	-	ND (0.00088)	ND (0.0015)	ND (0.0014)	ND (0.00093)	ND (0.001)	ND (0.00097)	ND (0.0011)
Methyl acetate	NA	-	-	ND (0.0065)	ND (0.0055)	ND (0.0069)	ND (0.0052)	ND (0.0043)	ND (0.0047)	ND (0.0063)	-	-	ND (0.0044)	ND (0.0075)	ND (0.0069)	ND (0.0046)	ND (0.0051)	ND (0.0049)	ND (0.0057)
Methyl Tert Butyl Ether (MTBE)	500	-	-	ND (0.0013)	ND (0.0011)	ND (0.0014)	ND (0.001)	ND (0.00087)	ND (0.00094)	ND (0.0013)	-	-	ND (0.00088)	ND (0.0015)	ND (0.0014)	ND (0.00093)	ND (0.001)	ND (0.00097)	ND (0.0011)
Methylcyclohexane	NA	-	-	ND (0.0013)	ND (0.0011)	ND (0.0014)	ND (0.001)	ND (0.00087)	ND (0.00094)	ND (0.0013)	-	-	ND (0.00088)	ND (0.0015)	ND (0.0014)	ND (0.00093)	ND (0.001)	ND (0.00097)	ND (0.0011)
Methylene chloride (Dichloromethane)	500	-	-	ND (0.0026)	ND (0.0022)	ND (0.0028)	ND (0.0021)	ND (0.0017)	0.0011 J	ND (0.0025)	-	-	0.0036	ND (0.003)	ND (0.0028)	ND (0.0019)	ND (0.002)	ND (0.0019)	0.0018 J
n-Butylbenzene	500	-	-	ND (0.0013)	ND (0.0011)	ND (0.0014)	ND (0.001)	ND (0.00087)	ND (0.00094)	ND (0.0013)	-	-	ND (0.00088)	ND (0.0015)	ND (0.0014)	ND (0.00093)	ND (0.001)	ND (0.00097)	ND (0.0011)
n-Propylbenzene	500	-	-	ND (0.0013)	ND (0.0011)	ND (0.0014)	ND (0.001)	ND (0.00087)	ND (0.00094)	ND (0.0013)	-	-	ND (0.00088)	ND (0.0015)	ND (0.0014)	ND (0.00093)	ND (0.001)	ND (0.00097)	ND (0.0011)
o-Xylene	NA	-	-	ND (0.0013)	ND (0.0011)	ND (0.0014)	ND (0.001)	ND (0.00087)	ND (0.00094)	ND (0.0013)	-	-	ND (0.00088)	ND (0.0015)	ND (0.0014)	ND (0.00093)	ND (0.001)	ND (0.00097)	ND (0.0011)
Styrene	NA	-	-	ND (0.0013)	ND (0.0011)	ND (0.0014)	ND (0.001)	ND (0.00087)	ND (0.00094)	ND (0.0013)	-	-	ND (0.00088)	ND (0.0015)	ND (0.0014)	ND (0.00093)	ND (0.001)	ND (0.00097)	ND (0.0011)
tert-Butylbenzene	500	-	-	ND (0.0013)	ND (0.0011)	ND (0.0014)	ND (0.001)	ND (0.00087)	ND (0.00094)	ND (0.0013)	-	-	ND (0.00088)	ND (0.0015)	ND (0.0014)	ND (0.00093)	ND (0.001)	ND (0.00097)	ND (0.0011)
Tetrachloroethene	150	-	-	ND (0.0013)	ND (0.0011)	ND (0.0014)	ND (0.001)	ND (0.00087)	ND (0.00094)	ND (0.0013)	-	-	ND (0.00088)	ND (0.0015)	ND (0.0014)	ND (0.00093)	ND (0.001)	ND (0.00097)	ND (0.0011)
Toluene	500	-	-	ND (0.0013)	ND (0.0011)	ND (0.0014)	ND (0.001)	ND (0.00087)	ND (0.00094)	ND (0.0013)	-	-	ND (0.00088)	ND (0.0015)	0.00058 J	0.00037 J	ND (0.001)	ND (0.00097)	ND (0.0011)
trans-1,2-Dichloroethene	500	-	-	ND (0.0013)	ND (0.0011)	ND (0.0014)	ND (0.001)	ND (0.00087)	ND (0.00094)	ND (0.0013)	-	-	ND (0.00088)	ND (0.0015)	ND (0.0014)	ND (0.00093)	ND (0.001)	ND (0.00097)	ND (0.0011)
trans-1,3-Dichloropropene	NA	-	-	ND (0.0013)	ND (0.0011)	ND (0.0014)	ND (0.001)	ND (0.00087)	ND (0.00094)	ND (0.0013)	-	-	ND (0.00088)	ND (0.0015)	ND (0.0014)	ND (0.00093)	ND (0.001)	ND (0.00097)	ND (0.0011)
Trichloroethene	200	-	-	ND (0.0013)	ND (0.0011)	ND (0.0014)	ND (0.001)	ND (0.00087)	ND (0.00094)	ND (0.0013)	-	-	ND (0.00088)	ND (0.0015)	ND (0.0014)	ND (0.00093)	ND (0.001)	ND (0.00097)	ND (0.0011)
Trichlorofluoromethane (CFC-11)	NA	-	-	ND (0.0013)	ND (0.0011)	ND (0.0014)	ND (0.001)	ND (0.00087)	ND (0.00094)	ND (0.0013)	-	-	ND (0.00088)	ND (0.0015)	ND (0.0014)	ND (0.00093)	ND (0.001)	ND (0.00097)	ND (0.0011)
Trifluorotrichloroethane (Freon 113)	NA	-	-	ND (0.0013)	ND (0.0011)	ND (0.0014)	ND (0.001)	ND (0.00087)	ND (0.00094)	ND (0.0013)	-	-	ND (0.00088)	ND (0.0015)	ND (0.0014)	ND (0.00093)	ND (0.001)	ND (0.00097)	ND (0.0011)
Vinyl chloride	13	-	-	ND (0.0013)	ND (0.0011)	ND (0.0014)	ND (0.001)	ND (0.00087)	ND (0.00094)	ND (0.0013)	-	-	ND (0.00088)	ND (0.0015)	ND (0.0014)	ND (0.00093)	ND (0.001)	ND (0.00097)	ND (0.0011)
Xylene (Total)	500	-	-	ND (0.0026)	ND (0.0022)	ND (0.0028)	ND (0.0021)	ND (0.0017)	ND (0.0019)	ND (0.0025)	-	-	ND (0.0018)	ND (0.003)	ND (0.0028)	ND (0.0019)	ND (0.002)	ND (0.0019)	ND (0.0023)

TABLE 4
SUMMARY OF SOIL QUALITY DATA - BERM 4
FORMER PORT MOBIL TERMINAL
STATEN ISLAND, NEW YORK
FILE NO. 0208998

	Criteria																		
Location Name	NY Part 375	4E	4E	4E	4E	4E	4E	4E	4E	4E	4F	4F	4F1	4F1	4F1	4F2	4F2	4F3	4F3
Sample Name	Commercial	4E_0-7	4E_7-14	4E1_1-2	4E1_5-6	4E2_3-4	4E2_7-8	4E2_12-13	4E3_4-5	4E3_9-10	4F_0-7	4F_7-14	4F1_1-2	4F1_6-7	4F1_12-13	4F2_3-4	4F2_8-9	4F3_5-6	4F3_10-11
Sample Date	Use	10/02/2025	10/02/2025	10/02/2025	10/02/2025	10/02/2025	10/02/2025	10/02/2025	10/02/2025	10/02/2025	10/02/2025	10/02/2025	10/02/2025	10/02/2025	10/02/2025	10/02/2025	10/02/2025	10/02/2025	10/02/2025
Lab Sample ID	Soil Cleanup	460-336309-15	460-336309-16	460-336309-68	460-336309-71	460-336309-69	460-336309-72	460-336309-74	460-336309-70	460-336309-73	460-336309-17	460-336309-18	460-336309-75	460-336309-78	460-336309-81	460-336309-76	460-336309-79	460-336309-77	460-336309-80
Sample Depth (bgs)	Objectives	0 - 7 (ft)	7 - 14 (ft)	1 - 2 (ft)	5 - 6 (ft)	3 - 4 (ft)	7 - 8 (ft)	12 - 13 (ft)	4 - 5 (ft)	9 - 10 (ft)	0 - 7 (ft)	7 - 14 (ft)	1 - 2 (ft)	6 - 7 (ft)	12 - 13 (ft)	3 - 4 (ft)	8 - 9 (ft)	5 - 6 (ft)	10 - 11 (ft)
Semi-Volatile Organic Compounds (mg/kg)																			
1,2,4,5-Tetrachlorobenzene	NA	ND (0.35)	ND (0.36)	-	-	-	-	-	-	-	ND (0.36)	ND (0.35)	-	-	-	-	-	-	-
1,4-Dioxane	130	ND (0.035)	ND (0.036)	-	-	-	-	-	-	-	ND (0.036)	ND (0.035)	-	-	-	-	-	-	-
2,2'-oxybis(1-Chloropropane)	NA	ND (0.35)	ND (0.36)	-	-	-	-	-	-	-	ND (0.36)	ND (0.35)	-	-	-	-	-	-	-
2,3,4,6-Tetrachlorophenol	NA	ND (0.35)	ND (0.36)	-	-	-	-	-	-	-	ND (0.36)	ND (0.35)	-	-	-	-	-	-	-
2,4,5-Trichlorophenol	NA	ND (0.35)	ND (0.36)	-	-	-	-	-	-	-	ND (0.36)	ND (0.35)	-	-	-	-	-	-	-
2,4,6-Trichlorophenol	NA	ND (0.14)	ND (0.14)	-	-	-	-	-	-	-	ND (0.14)	ND (0.14)	-	-	-	-	-	-	-
2,4-Dichlorophenol	NA	ND (0.14)	ND (0.14)	-	-	-	-	-	-	-	ND (0.14)	ND (0.14)	-	-	-	-	-	-	-
2,4-Dimethylphenol	NA	ND (0.35)	ND (0.36)	-	-	-	-	-	-	-	ND (0.36)	ND (0.35)	-	-	-	-	-	-	-
2,4-Dinitrophenol	NA	ND (0.28)	ND (0.29)	-	-	-	-	-	-	-	ND (0.29)	ND (0.29)	-	-	-	-	-	-	-
2,4-Dinitrotoluene	NA	ND (0.071)	ND (0.072)	-	-	-	-	-	-	-	ND (0.072)	ND (0.072)	-	-	-	-	-	-	-
2,6-Dinitrotoluene	NA	ND (0.071)	ND (0.072)	-	-	-	-	-	-	-	ND (0.072)	ND (0.072)	-	-	-	-	-	-	-
2-Chloronaphthalene	NA	ND (0.35)	ND (0.36)	-	-	-	-	-	-	-	ND (0.36)	ND (0.35)	-	-	-	-	-	-	-
2-Chlorophenol	NA	ND (0.35)	ND (0.36)	-	-	-	-	-	-	-	ND (0.36)	ND (0.35)	-	-	-	-	-	-	-
2-Methylnaphthalene	NA	ND (0.35) *	ND (0.36) *	-	-	-	-	-	-	-	ND (0.36) *	ND (0.35) *	-	-	-	-	-	-	-
2-Methylphenol (o-Cresol)	500	ND (0.35)	ND (0.36)	-	-	-	-	-	-	-	ND (0.36)	ND (0.35)	-	-	-	-	-	-	-
2-Nitroaniline	NA	ND (0.35)	ND (0.36)	-	-	-	-	-	-	-	ND (0.36)	ND (0.35)	-	-	-	-	-	-	-
2-Nitrophenol	NA	ND (0.35)	ND (0.36)	-	-	-	-	-	-	-	ND (0.36)	ND (0.35)	-	-	-	-	-	-	-
3&4-Methylphenol	NA	ND (0.35)	ND (0.36)	-	-	-	-	-	-	-	ND (0.36)	ND (0.35)	-	-	-	-	-	-	-
3,3'-Dichlorobenzidine	NA	ND (0.14)	ND (0.14)	-	-	-	-	-	-	-	ND (0.14)	ND (0.14)	-	-	-	-	-	-	-
3-Nitroaniline	NA	ND (0.35)	ND (0.36)	-	-	-	-	-	-	-	ND (0.36)	ND (0.35)	-	-	-	-	-	-	-
4,6-Dinitro-2-methylphenol	NA	ND (0.28) *	ND (0.29) *	-	-	-	-	-	-	-	ND (0.29) *	ND (0.29) *	-	-	-	-	-	-	-
4-Bromophenyl phenyl ether (BDE-3)	NA	ND (0.35)	ND (0.36)	-	-	-	-	-	-	-	ND (0.36)	ND (0.35)	-	-	-	-	-	-	-
4-Chloro-3-methylphenol	NA	ND (0.35)	ND (0.36)	-	-	-	-	-	-	-	ND (0.36)	ND (0.35)	-	-	-	-	-	-	-
4-Chloroaniline	NA	ND (0.35)	ND (0.36)	-	-	-	-	-	-	-	ND (0.36)	ND (0.35)	-	-	-	-	-	-	-
4-Chlorophenyl phenyl ether	NA	ND (0.35)	ND (0.36)	-	-	-	-	-	-	-	ND (0.36)	ND (0.35)	-	-	-	-	-	-	-
4-Methylphenol	500	ND (0.35)	ND (0.36)	-	-	-	-	-	-	-	ND (0.36)	ND (0.35)	-	-	-	-	-	-	-
4-Nitroaniline	NA	ND (0.35)	ND (0.36)	-	-	-	-	-	-	-	ND (0.36)	ND (0.35)	-	-	-	-	-	-	-
4-Nitrophenol	NA	ND (0.71)	ND (0.72)	-	-	-	-	-	-	-	ND (0.72)	ND (0.72)	-	-	-	-	-	-	-
Acenaphthene	500	ND (0.35)	ND (0.36)	-	-	-	-	-	-	-	ND (0.36)	ND (0.35)	-	-	-	-	-	-	-
Acenaphthylene	500	ND (0.35)	ND (0.36)	-	-	-	-	-	-	-	ND (0.36)	ND (0.35)	-	-	-	-	-	-	-
Acetophenone	NA	ND (0.35)	ND (0.36)	-	-	-	-	-	-	-	ND (0.36)	ND (0.35)	-	-	-	-	-	-	-
Anthracene	500	ND (0.35)	ND (0.36)	-	-	-	-	-	-	-	ND (0.36)	ND (0.35)	-	-	-	-	-	-	-
Atrazine	NA	ND (0.14) *	ND (0.14) *	-	-	-	-	-	-	-	ND (0.14) *	ND (0.14) *	-	-	-	-	-	-	-
Benzaldehyde	NA	ND (0.35) *	ND (0.36) *	-	-	-	-	-	-	-	ND (0.36) *	ND (0.35) *	-	-	-	-	-	-	-
Benzo(a)anthracene	5.6	ND (0.035)	ND (0.036)	-	-	-	-	-	-	-	ND (0.036)	ND (0.035)	-	-	-	-	-	-	-
Benzo(a)pyrene	1	ND (0.035)	ND (0.036)	-	-	-	-	-	-	-	ND (0.036)	0.016 J	-	-	-	-	-	-	-
Benzo(b)fluoranthene	5.6	ND (0.035) *	ND (0.036) *	-	-	-	-	-	-	-	ND (0.036) *	0.02 J*	-	-	-	-	-	-	-
Benzo(g,h,i)perylene	500	ND (0.35)	ND (0.36)	-	-	-	-	-	-	-	ND (0.36)	0.014 J	-	-	-	-	-	-	-
Benzo(k)fluoranthene	56	ND (0.035)	ND (0.036)	-	-	-	-	-	-	-	ND (0.036)	0.0078 J	-	-	-	-	-	-	-
Biphenyl	NA	ND (0.35)	ND (0.36)	-	-	-	-	-	-	-	ND (0.36)	ND (0.35)	-	-	-	-	-	-	-
bis(2-Chloroethoxy)methane	NA	ND (0.35)	ND (0.36)	-	-	-	-	-	-	-	ND (0.36)	ND (0.35)	-	-	-	-	-	-	-
bis(2-Chloroethyl)ether	NA	ND (0.035)	ND (0.036)	-	-	-	-	-	-	-	ND (0.036)	ND (0.035)	-	-	-	-	-	-	-
bis(2-Ethylhexyl)phthalate	NA	ND (0.35) *	ND (0.36) *	-	-	-	-	-	-	-	ND (0.36) *	ND (0.35) *	-	-	-	-	-	-	-
Butyl benzylphthalate (BBP)	NA	ND (0.35) *	ND (0.36) *	-	-	-	-	-	-	-	ND (0.36) *	ND (0.35) *	-	-	-	-	-	-	-
Caprolactam	NA	ND (0.35) *	ND (0.36) *	-	-	-	-	-	-	-	ND (0.36) *	ND (0.35) *	-	-	-	-	-	-	-
Carbazole	NA	ND (0.35)	ND (0.36)	-	-	-	-	-	-	-	ND (0.36)	ND (0.35)	-	-	-	-	-	-	-
Chrysene	56	ND (0.35)	ND (0.36)	-	-	-	-	-	-	-	ND (0.36)	0.019 J	-	-	-	-	-	-	-
Dibenz(a,h)anthracene	0.56	ND (0.035)	ND (0.036)	-	-	-	-	-	-	-	ND (0.036)	ND (0.035)	-	-	-	-	-	-	-
Dibenzofuran	350	ND (0.35)	ND (0.36)	-	-	-	-	-	-	-	ND (0.36)	ND (0.35)	-	-	-	-	-	-	-
Diethyl phthalate	NA	ND (0.35)	ND (0.36)	-	-	-	-	-	-	-	ND (0.36)	ND (0.35)	-	-	-	-	-	-	-
Dimethyl phthalate	NA	ND (0.35)	ND (0.36)	-	-	-	-	-	-	-	ND (0.36)	ND (0.35)	-	-	-	-	-	-	-
Di-n-butylphthalate (DBP)	NA	ND (0.35) *	ND (0.36) *	-	-	-	-	-	-	-	ND (0.36) *	ND (0.35) *	-	-	-	-	-	-	-
Di-n-octyl phthalate (DnOP)	NA	ND (0.35) *	ND (0.36) *	-	-	-	-	-	-	-	ND (0.36) *	ND (0.35) *	-	-	-	-	-	-	-
Fluoranthene	500	ND (0.35)	ND (0.36)	-	-	-	-	-	-	-	ND (0.36)	0.021 J	-	-	-	-	-	-	-
Fluorene	500	ND (0.35)	ND (0.36)	-	-	-	-	-	-	-	ND (0.36)	ND (0.35)	-	-	-	-	-	-	-
Hexachlorobenzene	6	ND (0.035)	ND (0.036)	-	-	-	-	-	-	-	ND (0.036)	ND (0.035)	-	-	-	-	-	-	-
Hexachlorobutadiene	NA	ND (0.071)	ND (0.072)	-	-	-	-	-	-	-	ND (0.072)	ND (0.072)	-	-	-	-	-	-	-
Hexachlorocyclopentadiene	NA	ND (0.35)	ND (0.36)	-	-	-	-	-	-	-	ND (0.36)	ND (0.35)	-	-	-	-	-	-	-
Hexachloroethane	NA	ND (0.035)	ND (0.036)	-	-	-	-	-	-	-	ND (0.036)	ND (0.035)	-	-	-	-	-	-	-
Indeno(1,2,3-cd)pyrene	5.6	ND (0.035)	0.021 J	-	-	-	-	-	-	-	0.021 J	0.03 J	-	-	-	-	-	-	-
Isophorone	NA	ND (0.14)	ND (0.14)	-	-	-	-	-	-	-	ND (0.14)	ND (0.14)	-	-	-	-	-	-	-
Naphthalene	500	ND (0.35)	ND (0.36)	-	-	-	-	-	-	-	ND (0.36)	ND (0.35)	-	-	-	-	-	-	-
Nitrobenzene	NA	ND (0.035)	ND (0.036)	-	-	-	-	-	-	-	ND (0.036)	ND (0.035)	-	-	-	-	-	-	-
N-Nitrosodi-n-propylamine	NA	ND (0.035)	ND (0.036)	-	-	-	-	-	-	-	ND (0.036)	ND (0.035)	-	-	-	-	-	-	-
N-Nitrosodiphenylamine	NA	ND (0.35)	ND (0.36)	-	-	-	-	-	-	-	ND (0.36)	ND (0.35)	-	-	-	-	-	-	-
Pentachlorophenol	6.7	ND (0.28)	ND (0.29)	-	-	-	-	-	-	-	ND (0.29)	ND (0.29)	-	-	-	-	-	-	-
Phenanthrene	500	ND (0.35)	ND (0.36)	-	-	-	-	-	-	-	ND (0.36)	ND (0.35)	-	-	-	-	-	-	-
Phenol	500	ND (0.35)	ND (0.36)	-	-	-	-	-	-	-	ND (0.36)	ND (0.35)	-	-	-	-	-	-	-
Pyrene	500	ND (0.35)	ND (0.36)	-	-	-	-	-	-	-	ND (0.36)	0.022 J	-	-	-	-	-	-	-

TABLE 4
SUMMARY OF SOIL QUALITY DATA - BERM 4
FORMER PORT MOBIL TERMINAL
STATEN ISLAND, NEW YORK
FILE NO. 0208998

	Criteria																		
Location Name	NY Part 375	4E	4E	4E	4E	4E	4E	4E	4E	4E	4F	4F	4F1	4F1	4F1	4F2	4F2	4F3	4F3
Sample Name	Commercial	4E_0-7	4E_7-14	4E1_1-2	4E1_5-6	4E2_3-4	4E2_7-8	4E2_12-13	4E3_4-5	4E3_9-10	4F_0-7	4F_7-14	4F1_1-2	4F1_6-7	4F1_12-13	4F2_3-4	4F2_8-9	4F3_5-6	4F3_10-11
Sample Date	Use	10/02/2025	10/02/2025	10/02/2025	10/02/2025	10/02/2025	10/02/2025	10/02/2025	10/02/2025	10/02/2025	10/02/2025	10/02/2025	10/02/2025	10/02/2025	10/02/2025	10/02/2025	10/02/2025	10/02/2025	10/02/2025
Lab Sample ID	Soil Cleanup	460-336309-15	460-336309-16	460-336309-68	460-336309-71	460-336309-69	460-336309-72	460-336309-74	460-336309-70	460-336309-73	460-336309-17	460-336309-18	460-336309-75	460-336309-78	460-336309-81	460-336309-76	460-336309-79	460-336309-77	460-336309-80
Sample Depth (bgs)	Objectives	0 - 7 (ft)	7 - 14 (ft)	1 - 2 (ft)	5 - 6 (ft)	3 - 4 (ft)	7 - 8 (ft)	12 - 13 (ft)	4 - 5 (ft)	9 - 10 (ft)	0 - 7 (ft)	7 - 14 (ft)	1 - 2 (ft)	6 - 7 (ft)	12 - 13 (ft)	3 - 4 (ft)	8 - 9 (ft)	5 - 6 (ft)	10 - 11 (ft)
PFAS (mg/kg)																			
11-Chloroeicosafluoro-3-Oxaundecane-1-Sulfonic Acid (11Cl-PF3OUdS)	NA	ND (0.0002)	ND (0.0002)	-	-	-	-	-	-	-	ND (0.0002)	ND (0.0002)	-	-	-	-	-	-	-
2H,2H,3H,3H-Perfluorooctanoic acid (5:3 FTCA)	NA	ND (0.001)	ND (0.00099)	-	-	-	-	-	-	-	ND (0.001)	ND (0.00099)	-	-	-	-	-	-	-
3-(Perfluoroheptyl)propanoic acid (7:3 FTCA)	NA	ND (0.001)	ND (0.00099)	-	-	-	-	-	-	-	ND (0.001)	ND (0.00099)	-	-	-	-	-	-	-
3:3 Fluorotelomer carboxylic acid (3:3 FTCA)	NA	ND (0.0004)	ND (0.0004)	-	-	-	-	-	-	-	ND (0.0004)	ND (0.00039)	-	-	-	-	-	-	-
4,8-Dioxa-3H-Perfluorononanoic Acid (ADONA)	NA	ND (0.0002)	ND (0.0002)	-	-	-	-	-	-	-	ND (0.0002)	ND (0.0002)	-	-	-	-	-	-	-
4:2 Fluorotelomer sulfonic acid (4:2 FTS)	NA	ND (0.0004)	ND (0.0004)	-	-	-	-	-	-	-	ND (0.0004)	ND (0.00039)	-	-	-	-	-	-	-
6:2 Fluorotelomer sulfonic acid (6:2 FTS)	NA	ND (0.0004)	ND (0.0004)	-	-	-	-	-	-	-	ND (0.0004)	ND (0.00039)	-	-	-	-	-	-	-
8:2 Fluorotelomer sulfonic acid (8:2 FTS)	NA	ND (0.0004)	ND (0.0004)	-	-	-	-	-	-	-	ND (0.0004)	ND (0.00039)	-	-	-	-	-	-	-
9-Chlorohexadecafluoro-3-Oxanone-1-Sulfonic Acid (9Cl-PF3ONS)	NA	ND (0.0002)	ND (0.0002)	-	-	-	-	-	-	-	ND (0.0002)	ND (0.0002)	-	-	-	-	-	-	-
N-Ethyl Perfluorooctanesulfonamidoacetic Acid (NEtFOSAA)	NA	ND (0.0002)	ND (0.0002)	-	-	-	-	-	-	-	ND (0.0002)	ND (0.0002)	-	-	-	-	-	-	-
N-Ethylperfluorooctane sulfonamide (N-EtFOSA)	NA	ND (0.0002)	ND (0.0002)	-	-	-	-	-	-	-	ND (0.0002)	ND (0.0002)	-	-	-	-	-	-	-
N-Ethylperfluorooctane sulfonamidoethanol (N-EtFOSE)	NA	ND (0.001)	ND (0.00099)	-	-	-	-	-	-	-	ND (0.001)	ND (0.00099)	-	-	-	-	-	-	-
N-Methyl Perfluorooctanesulfonamidoacetic Acid (NMeFOSAA)	NA	ND (0.0002)	ND (0.0002)	-	-	-	-	-	-	-	ND (0.0002)	ND (0.0002)	-	-	-	-	-	-	-
N-Methylperfluorooctane sulfonamide (N-MeFOSA)	NA	ND (0.0002)	ND (0.0002)	-	-	-	-	-	-	-	ND (0.0002)	ND (0.0002)	-	-	-	-	-	-	-
N-Methylperfluorooctane sulfonamidoethanol (N-MeFOSE)	NA	ND (0.001)	ND (0.00099)	-	-	-	-	-	-	-	ND (0.001)	ND (0.00099)	-	-	-	-	-	-	-
Nonafluoro-3,6-dioxaheptanoic acid (NFDHA)	NA	ND (0.0002)	ND (0.0002)	-	-	-	-	-	-	-	ND (0.0002)	ND (0.0002)	-	-	-	-	-	-	-
Perfluoro(2-ethoxyethane) sulphonic acid (PFEESA)	NA	ND (0.0002)	ND (0.0002)	-	-	-	-	-	-	-	ND (0.0002)	ND (0.0002)	-	-	-	-	-	-	-
Perfluoro(4-methoxybutanoic) acid (PFMBA)	NA	ND (0.0002)	ND (0.0002)	-	-	-	-	-	-	-	ND (0.0002)	ND (0.0002)	-	-	-	-	-	-	-
Perfluoro-2-propoxypropanoic acid (PFPrOPrA)(GenX) (HFPO-DA)	NA	ND (0.0002)	ND (0.0002)	-	-	-	-	-	-	-	ND (0.0002)	0.00019 J	-	-	-	-	-	-	-
Perfluoro-3-methoxypropanoic acid (PFMPA)	NA	ND (0.0002)	ND (0.0002)	-	-	-	-	-	-	-	ND (0.0002)	ND (0.0002)	-	-	-	-	-	-	-
Perfluorobutanesulfonic acid (PFBS)	NA	ND (0.0002)	ND (0.0002)	-	-	-	-	-	-	-	ND (0.0002)	ND (0.0002)	-	-	-	-	-	-	-
Perfluorobutanoic acid (PFBA)	NA	ND (0.0004)	ND (0.0004)	-	-	-	-	-	-	-	ND (0.0004)	ND (0.00039)	-	-	-	-	-	-	-
Perfluorodecanesulfonic acid (PFDS)	NA	ND (0.0002)	ND (0.0002)	-	-	-	-	-	-	-	ND (0.0002)	ND (0.0002)	-	-	-	-	-	-	-
Perfluorodecanoic acid (PFDA)	NA	0.00011 J	ND (0.0002)	-	-	-	-	-	-	-	ND (0.0002)	0.000093 J	-	-	-	-	-	-	-
Perfluorododecane sulfonic acid (PFDoDS)	NA	ND (0.0002)	ND (0.0002)	-	-	-	-	-	-	-	ND (0.0002)	ND (0.0002)	-	-	-	-	-	-	-
Perfluorododecanoic acid (PFDoDA)	NA	ND (0.0002)	ND (0.0002)	-	-	-	-	-	-	-	ND (0.0002)	ND (0.0002)	-	-	-	-	-	-	-
Perfluoroheptanesulfonic acid (PFHpS)	NA	ND (0.0002)	ND (0.0002)	-	-	-	-	-	-	-	ND (0.0002)	ND (0.0002)	-	-	-	-	-	-	-
Perfluoroheptanoic acid (PFHpA)	NA	ND (0.0002)	ND (0.0002)	-	-	-	-	-	-	-	ND (0.0002)	ND (0.0002)	-	-	-	-	-	-	-
Perfluorohexanesulfonic acid (PFHxS)	NA	ND (0.0002)	ND (0.0002)	-	-	-	-	-	-	-	ND (0.0002)	ND (0.0002)	-	-	-	-	-	-	-
Perfluorohexanoic acid (PFHxA)	NA	ND (0.0002)	ND (0.0002)	-	-	-	-	-	-	-	ND (0.0002)	ND (0.0002)	-	-	-	-	-	-	-
Perfluorononane sulfonic acid (PFNS)	NA	ND (0.0002)	ND (0.0002)	-	-	-	-	-	-	-	ND (0.0002)	ND (0.0002)	-	-	-	-	-	-	-
Perfluorononanoic acid (PFNA)	NA	0.00241	0.00016 J	-	-	-	-	-	-	-	ND (0.0002)	0.0002	-	-	-	-	-	-	-
Perfluorooctane sulfonamide (PFOSA)	NA	ND (0.0002)	ND (0.0002)	-	-	-	-	-	-	-	ND (0.0002)	ND (0.0002)	-	-	-	-	-	-	-
Perfluorooctanesulfonic acid (PFOS)	0.44	ND (0.0002)	ND (0.0002)	-	-	-	-	-	-	-	ND (0.0002)	ND (0.0002)	-	-	-	-	-	-	-
Perfluorooctanoic acid (PFOA)	0.5	0.000071 J	ND (0.0002)	-	-	-	-	-	-	-	ND (0.0002)	0.00016 J	-	-	-	-	-	-	-
Perfluoropentanesulfonic acid (PFPeS)	NA	ND (0.0002)	ND (0.0002)	-	-	-	-	-	-	-	ND (0.0002)	ND (0.0002)	-	-	-	-	-	-	-
Perfluoropentanoic acid (PFPeA)	NA	ND (0.0002)	ND (0.0002)	-	-	-	-	-	-	-	ND (0.0002)	ND (0.0002)	-	-	-	-	-	-	-
Perfluorotetradecanoic acid (PFTeDA)	NA	ND (0.0002)	ND (0.0002)	-	-	-	-	-	-	-	ND (0.0002)	ND (0.0002)	-	-	-	-	-	-	-
Perfluorotridecanoic acid (PFTrDA)	NA	0.00038	0.00034	-	-	-	-	-	-	-	0.00038	0.00085	-	-	-	-	-	-	-
Perfluoroundecanoic acid (PFUnDA)	NA	0.00101	0.0005	-	-	-	-	-	-	-	0.00045	0.00431	-	-	-	-	-	-	-
Pesticides (mg/kg)																			
4,4'-DDD	92	ND (0.0071)	ND (0.0072)	-	-	-	-	-	-	-	ND (0.0073)	ND (0.0072)	-	-	-	-	-	-	-
4,4'-DDE	62	ND (0.0071)	ND (0.0072)	-	-	-	-	-	-	-	ND (0.0073)	ND (0.0072)	-	-	-	-	-	-	-
4,4'-DDT	47	ND (0.0071)	ND (0.0072)	-	-	-	-	-	-	-	ND (0.0073)	ND (0.0072)	-	-	-	-	-	-	-
Aldrin	0.68	ND (0.0071)	ND (0.0072)	-	-	-	-	-	-	-	ND (0.0073)	ND (0.0072)	-	-	-	-	-	-	-
alpha-BHC	3.4	ND (0.0021)	ND (0.0022)	-	-	-	-	-	-	-	ND (0.0022)	ND (0.0022)	-	-	-	-	-	-	-
alpha-Chlordane (cis)	24	ND (0.0071)	ND (0.0072)	-	-	-	-	-	-	-	ND (0.0073)	ND (0.0072)	-	-	-	-	-	-	-
beta-BHC	3	ND (0.0021)	ND (0.0022)	-	-	-	-	-	-	-	ND (0.0022)	ND (0.0022)	-	-	-	-	-	-	-
Chlordane	NA	ND (0.071)	ND (0.072)	-	-	-	-	-	-	-	ND (0.073)	ND (0.072)	-	-	-	-	-	-	-
delta-BHC	500	ND (0.0021)	ND (0.0022)	-	-	-	-	-	-	-	ND (0.0022)	ND (0.0022)	-	-	-	-	-	-	-
Dieldrin	1.4	ND (0.0021)	ND (0.0022)	-	-	-	-	-	-	-	ND (0.0022)	ND (0.0022)	-	-	-	-	-	-	-
Endosulfan I	200	ND (0.0071)	ND (0.0072)	-	-	-	-	-	-	-	ND (0.0073)	ND (0.0072)	-	-	-	-	-	-	-
Endosulfan II	200	ND (0.0071)	ND (0.0072)	-	-	-	-	-	-	-	ND (0.0073)	ND (0.0072)	-	-	-	-	-	-	-
Endosulfan sulfate	200	ND (0.0071)	ND (0.0072)	-	-	-	-	-	-	-	ND (0.0073)	ND (0.0072)	-	-	-	-	-	-	-
Endrin	89	ND (0.0071)	ND (0.0072)	-	-	-	-	-	-	-	ND (0.0073)	ND (0.0072)	-	-	-	-	-	-	-
Endrin aldehyde	NA	ND (0.0071)	ND (0.0072)	-	-	-	-	-	-	-	ND (0.0073)	ND (0.0072)	-	-	-	-	-	-	-
Endrin ketone	NA	ND (0.0071)	ND (0.0072)	-	-	-	-	-	-	-	ND (0.0073)	ND (0.0072)	-	-	-	-	-	-	-
gamma-BHC (Lindane)	9.2	ND (0.0021)	ND (0.0022)	-	-	-	-	-	-	-	ND (0.0022)	ND (0.0022)	-	-	-	-	-	-	-
Heptachlor	15	ND (0.0071)	ND (0.0072)	-	-	-	-	-	-	-	ND (0.0073)	ND (0.0072)	-	-	-	-	-	-	-
Heptachlor epoxide	NA	ND (0.0071)	ND (0.0072)	-	-	-	-	-	-	-	ND (0.0073)	ND (0.0072)	-	-	-	-	-	-	-
Methoxychlor	NA	ND (0.0071)	ND (0.0072)	-	-	-	-	-	-	-	ND (0.0073)	ND (0.0072)	-	-	-	-	-	-	-
Toxaphene	NA	ND (0.071)	ND (0.072)	-	-	-	-	-	-	-	ND (0.073)	ND (0.072)	-	-	-	-	-	-	-

TABLE 4
SUMMARY OF SOIL QUALITY DATA - BERM 4
FORMER PORT MOBIL TERMINAL
STATEN ISLAND, NEW YORK
FILE NO. 0208998

	Criteria																		
Location Name	NY Part 375	4E	4E	4E	4E	4E	4E	4E	4E	4E	4F	4F	4F1	4F1	4F1	4F2	4F2	4F3	4F3
Sample Name	Commercial	4E_0-7	4E_7-14	4E1_1-2	4E1_5-6	4E2_3-4	4E2_7-8	4E2_12-13	4E3_4-5	4E3_9-10	4F_0-7	4F_7-14	4F1_1-2	4F1_6-7	4F1_12-13	4F2_3-4	4F2_8-9	4F3_5-6	4F3_10-11
Sample Date	Use	10/02/2025	10/02/2025	10/02/2025	10/02/2025	10/02/2025	10/02/2025	10/02/2025	10/02/2025	10/02/2025	10/02/2025	10/02/2025	10/02/2025	10/02/2025	10/02/2025	10/02/2025	10/02/2025	10/02/2025	10/02/2025
Lab Sample ID	Soil Cleanup	460-336309-15	460-336309-16	460-336309-68	460-336309-71	460-336309-69	460-336309-72	460-336309-74	460-336309-70	460-336309-73	460-336309-17	460-336309-18	460-336309-75	460-336309-78	460-336309-81	460-336309-76	460-336309-79	460-336309-77	460-336309-80
Sample Depth (bgs)	Objectives	0 - 7 (ft)	7 - 14 (ft)	1 - 2 (ft)	5 - 6 (ft)	3 - 4 (ft)	7 - 8 (ft)	12 - 13 (ft)	4 - 5 (ft)	9 - 10 (ft)	0 - 7 (ft)	7 - 14 (ft)	1 - 2 (ft)	6 - 7 (ft)	12 - 13 (ft)	3 - 4 (ft)	8 - 9 (ft)	5 - 6 (ft)	10 - 11 (ft)
Polychlorinated Biphenyls (mg/kg)																			
Aroclor-1016 (PCB-1016)	NA	ND (0.071)	ND (0.072)	-	-	-	-	-	-	-	ND (0.073)	ND (0.072)	-	-	-	-	-	-	-
Aroclor-1221 (PCB-1221)	NA	ND (0.071)	ND (0.072)	-	-	-	-	-	-	-	ND (0.073)	ND (0.072)	-	-	-	-	-	-	-
Aroclor-1232 (PCB-1232)	NA	ND (0.071)	ND (0.072)	-	-	-	-	-	-	-	ND (0.073)	ND (0.072)	-	-	-	-	-	-	-
Aroclor-1242 (PCB-1242)	NA	ND (0.071)	ND (0.072)	-	-	-	-	-	-	-	ND (0.073)	ND (0.072)	-	-	-	-	-	-	-
Aroclor-1248 (PCB-1248)	NA	ND (0.071)	ND (0.072)	-	-	-	-	-	-	-	ND (0.073)	ND (0.072)	-	-	-	-	-	-	-
Aroclor-1254 (PCB-1254)	NA	ND (0.071)	ND (0.072)	-	-	-	-	-	-	-	ND (0.073)	ND (0.072)	-	-	-	-	-	-	-
Aroclor-1260 (PCB-1260)	NA	ND (0.071)	ND (0.072)	-	-	-	-	-	-	-	ND (0.073)	ND (0.072)	-	-	-	-	-	-	-
Aroclor-1262 (PCB-1262)	NA	ND (0.071)	ND (0.072)	-	-	-	-	-	-	-	ND (0.073)	ND (0.072)	-	-	-	-	-	-	-
Aroclor-1268 (PCB-1268)	NA	ND (0.071)	ND (0.072)	-	-	-	-	-	-	-	ND (0.073)	ND (0.072)	-	-	-	-	-	-	-
Total PCBs	1	ND (0.071)	ND (0.072)	-	-	-	-	-	-	-	ND (0.073)	ND (0.072)	-	-	-	-	-	-	-
Inorganic Compounds (mg/kg)																			
Aluminum	NA	6600	8070	-	-	-	-	-	-	-	6900	5680	-	-	-	-	-	-	-
Antimony	NA	0.65 J	0.44 J	-	-	-	-	-	-	-	0.49 J	0.4 J	-	-	-	-	-	-	-
Arsenic	16	7	5	-	-	-	-	-	-	-	5.8	4	-	-	-	-	-	-	-
Barium	400	45.1	49.6	-	-	-	-	-	-	-	40	38.6	-	-	-	-	-	-	-
Beryllium	590	0.46	0.51	-	-	-	-	-	-	-	0.54	0.41	-	-	-	-	-	-	-
Cadmium	9.3	0.14 J	0.15 J	-	-	-	-	-	-	-	ND (1)	0.16 J	-	-	-	-	-	-	-
Calcium	NA	1540	1200	-	-	-	-	-	-	-	954	799	-	-	-	-	-	-	-
Chromium	NA	12.3	14.6	-	-	-	-	-	-	-	25.5	11.7	-	-	-	-	-	-	-
Cobalt	NA	5.5	6.1	-	-	-	-	-	-	-	5.7	5.3	-	-	-	-	-	-	-
Copper	270	32.2	27.7	-	-	-	-	-	-	-	26.8	25.3	-	-	-	-	-	-	-
Iron	NA	14700	15300	-	-	-	-	-	-	-	16500	12400	-	-	-	-	-	-	-
Lead	1000	39.5	31.1	-	-	-	-	-	-	-	20.3	25.5	-	-	-	-	-	-	-
Magnesium	NA	2310	2420	-	-	-	-	-	-	-	2000	1560	-	-	-	-	-	-	-
Manganese	10000	217	238	-	-	-	-	-	-	-	108	164	-	-	-	-	-	-	-
Mercury	2.8	0.036	0.026	-	-	-	-	-	-	-	0.041	0.023	-	-	-	-	-	-	-
Nickel	310	10.8	13.2	-	-	-	-	-	-	-	10.5	9.8	-	-	-	-	-	-	-
Potassium	NA	852	922	-	-	-	-	-	-	-	748	678	-	-	-	-	-	-	-
Selenium	1500	0.46 J	0.27 J	-	-	-	-	-	-	-	0.58 J	0.27 J	-	-	-	-	-	-	-
Silver	1500	0.21 J	0.13 J	-	-	-	-	-	-	-	0.14 J	0.11 J	-	-	-	-	-	-	-
Sodium	NA	63.7 J	64.2 J	-	-	-	-	-	-	-	62.2 J	53 J	-	-	-	-	-	-	-
Thallium	NA	0.088 J	0.094 J	-	-	-	-	-	-	-	0.078 J	0.062 J	-	-	-	-	-	-	-
Vanadium	NA	20.7	22	-	-	-	-	-	-	-	38.6	18.8	-	-	-	-	-	-	-
Zinc	10000	39.7	46.9	-	-	-	-	-	-	-	36.3	40.2	-	-	-	-	-	-	-

ABBREVIATIONS AND NOTES:

mg/kg: milligram per kilogram

**: LCS or LCSD is outside acceptance limits.*
-: Not Analyzed
B: Compound was found in the blank and the associated sample.
bgs: below ground surface
ft: feet
J: Value is estimated.
NA: Not Applicable
ND (2.5): Not detected, number in parentheses is the laboratory reporting limit

- For test methods used, see the laboratory data sheets.
- Soil analytical results are compared to the New York State Department of Environmental Conservation (NYSDEC) Title 6 of the Official Compilation of New York Codes, Rules, and Regulations (NYCRR) Part 375 Commercial Use Soil Cleanup Objectives (SCO).
- Grey shading indicates an exceedance of the Commercial Use Soil Cleanup Objectives.

TABLE 5
SUMMARY OF SOIL QUALITY DATA - BERM 5
FORMER PORT MOBIL TERMINAL
STATEN ISLAND, NEW YORK
FILE NO. 0208998

	Criteria																		
Location Name	NY Part 375	5A	5A	5A1	5A1	5A1	5A2	5A2	5A3	5A3	5B	5B	5B1	5B1	5B2	5B2	5B2	5B3	5B3
Sample Name	Commercial	5A_0-5	5A_5-10	5A1_1-2	5A1_5-6	5A1_9-10	5A2_2-3	5A2_7-8	5A3_4-5	5A3_8-9	5B_0-5	5B_5-10	5B1_1-2	5B1_5-6	5B2_2-3	5B2_6-7	5B2_9-10	5B3_3-4	5B3_8-9
Sample Date	Use	10/08/2025	10/08/2025	10/08/2025	10/08/2025	10/08/2025	10/08/2025	10/08/2025	10/08/2025	10/08/2025	10/08/2025	10/08/2025	10/08/2025	10/08/2025	10/08/2025	10/08/2025	10/08/2025	10/08/2025	10/08/2025
Lab Sample ID	Soil Cleanup	460-336761-5	460-336761-6	460-336761-35	460-336761-38	460-336761-41	460-336761-36	460-336761-39	460-336761-37	460-336761-40	460-336761-7	460-336761-8	460-336761-42	460-336761-45	460-336761-43	460-336761-46	460-336761-48	460-336761-44	460-336761-47
Sample Depth (bgs)	Objectives	0 - 5 (ft)	5 - 10 (ft)	1 - 2 (ft)	5 - 6 (ft)	9 - 10 (ft)	2 - 3 (ft)	7 - 8 (ft)	4 - 5 (ft)	8 - 9 (ft)	0 - 5 (ft)	5 - 10 (ft)	1 - 2 (ft)	5 - 6 (ft)	2 - 3 (ft)	6 - 7 (ft)	9 - 10 (ft)	3 - 4 (ft)	8 - 9 (ft)
Volatile Organic Compounds (mg/kg)																			
1,1,1-Trichloroethane	500	-	-	ND (0.0012)	ND (0.00096)	ND (0.00097)	ND (0.0016)	ND (0.00077)	ND (0.0013)	ND (0.0012)	-	-	ND (0.0012)	ND (0.00099)	ND (0.0012)	ND (0.0011)	ND (0.00091)	ND (0.0015)	ND (0.0012)
1,1,2,2-Tetrachloroethane	NA	-	-	ND (0.0012)	ND (0.00096)	ND (0.00097)	ND (0.0016)	ND (0.00077)	ND (0.0013)	ND (0.0012)	-	-	ND (0.0012)	ND (0.00099)	ND (0.0012)	ND (0.0011)	ND (0.00091)	ND (0.0015)	ND (0.0012)
1,1,2-Trichloroethane	NA	-	-	ND (0.0012)	ND (0.00096)	ND (0.00097)	ND (0.0016)	ND (0.00077)	ND (0.0013)	ND (0.0012)	-	-	ND (0.0012)	ND (0.00099)	ND (0.0012)	ND (0.0011)	ND (0.00091)	ND (0.0015)	ND (0.0012)
1,1-Dichloroethane	240	-	-	ND (0.0012)	ND (0.00096)	ND (0.00097)	ND (0.0016)	ND (0.00077)	ND (0.0013)	ND (0.0012)	-	-	ND (0.0012)	ND (0.00099)	ND (0.0012)	ND (0.0011)	ND (0.00091)	ND (0.0015)	ND (0.0012)
1,1-Dichloroethene	500	-	-	ND (0.0012)	ND (0.00096)	ND (0.00097)	ND (0.0016)	ND (0.00077)	ND (0.0013)	ND (0.0012)	-	-	ND (0.0012)	ND (0.00099)	ND (0.0012)	ND (0.0011)	ND (0.00091)	ND (0.0015)	ND (0.0012)
1,2,3-Trichlorobenzene	NA	-	-	ND (0.0012)	ND (0.00096)	ND (0.00097)	ND (0.0016)	ND (0.00077)	ND (0.0013)	ND (0.0012)	-	-	ND (0.0012)	ND (0.00099)	ND (0.0012)	ND (0.0011)	ND (0.00091)	ND (0.0015)	ND (0.0012)
1,2,4-Trichlorobenzene	NA	-	-	ND (0.0012)	ND (0.00096)	ND (0.00097)	ND (0.0016)	ND (0.00077)	ND (0.0013)	ND (0.0012)	-	-	ND (0.0012)	ND (0.00099)	ND (0.0012)	ND (0.0011)	ND (0.00091)	ND (0.0015)	ND (0.0012)
1,2,4-Trimethylbenzene	190	-	-	ND (0.0012)	ND (0.00096)	ND (0.00097)	ND (0.0016)	ND (0.00077)	ND (0.0013)	ND (0.0012)	-	-	ND (0.0012)	ND (0.00099)	ND (0.0012)	ND (0.0011)	ND (0.00091)	ND (0.0015)	ND (0.0012)
1,2-Dibromo-3-chloropropane (DBCP)	NA	-	-	ND (0.0012)	ND (0.00096)	ND (0.00097)	ND (0.0016)	ND (0.00077)	ND (0.0013)	ND (0.0012)	-	-	ND (0.0012)	ND (0.00099)	ND (0.0012)	ND (0.0011)	ND (0.00091)	ND (0.0015)	ND (0.0012)
1,2-Dibromoethane (Ethylene Dibromide)	NA	-	-	ND (0.0012)	ND (0.00096)	ND (0.00097)	ND (0.0016)	ND (0.00077)	ND (0.0013)	ND (0.0012)	-	-	ND (0.0012)	ND (0.00099)	ND (0.0012)	ND (0.0011)	ND (0.00091)	ND (0.0015)	ND (0.0012)
1,2-Dichlorobenzene	500	-	-	ND (0.0012)	ND (0.00096)	ND (0.00097)	ND (0.0016)	ND (0.00077)	ND (0.0013)	ND (0.0012)	-	-	ND (0.0012)	ND (0.00099)	ND (0.0012)	ND (0.0011)	ND (0.00091)	ND (0.0015)	ND (0.0012)
1,2-Dichloroethane	30	-	-	ND (0.0012)	ND (0.00096)	ND (0.00097)	ND (0.0016)	ND (0.00077)	ND (0.0013)	ND (0.0012)	-	-	ND (0.0012)	ND (0.00099)	ND (0.0012)	ND (0.0011)	ND (0.00091)	ND (0.0015)	ND (0.0012)
1,2-Dichloropropane	NA	-	-	ND (0.0012)	ND (0.00096)	ND (0.00097)	ND (0.0016)	ND (0.00077)	ND (0.0013)	ND (0.0012)	-	-	ND (0.0012)	ND (0.00099)	ND (0.0012)	ND (0.0011)	ND (0.00091)	ND (0.0015)	ND (0.0012)
1,3,5-Trimethylbenzene	190	-	-	ND (0.0012)	ND (0.00096)	ND (0.00097)	ND (0.0016)	ND (0.00077)	ND (0.0013)	ND (0.0012)	-	-	ND (0.0012)	ND (0.00099)	ND (0.0012)	ND (0.0011)	ND (0.00091)	ND (0.0015)	ND (0.0012)
1,3-Dichlorobenzene	280	-	-	ND (0.0012)	ND (0.00096)	ND (0.00097)	ND (0.0016)	ND (0.00077)	ND (0.0013)	ND (0.0012)	-	-	ND (0.0012)	ND (0.00099)	ND (0.0012)	ND (0.0011)	ND (0.00091)	ND (0.0015)	ND (0.0012)
1,4-Dichlorobenzene	130	-	-	ND (0.0012)	ND (0.00096)	ND (0.00097)	ND (0.0016)	ND (0.00077)	ND (0.0013)	ND (0.0012)	-	-	ND (0.0012)	ND (0.00099)	ND (0.0012)	ND (0.0011)	ND (0.00091)	ND (0.0015)	ND (0.0012)
2-Butanone (Methyl Ethyl Ketone)	500	-	-	ND (0.0061)	ND (0.0048)	ND (0.0048)	ND (0.0079)	ND (0.0039)	ND (0.0066)	ND (0.0058)	-	-	ND (0.0062)	ND (0.005)	ND (0.0062)	ND (0.0054)	ND (0.0046)	ND (0.0076)	ND (0.0062)
2-Hexanone (Methyl Butyl Ketone)	NA	-	-	ND (0.0061)	ND (0.0048)	ND (0.0048)	ND (0.0079)	ND (0.0039)	ND (0.0066)	ND (0.0058)	-	-	ND (0.0062)	ND (0.005)	ND (0.0062)	ND (0.0054)	ND (0.0046)	ND (0.0076)	ND (0.0062)
2-Phenylbutane (sec-Butylbenzene)	500	-	-	ND (0.0012)	ND (0.00096)	ND (0.00097)	ND (0.0016)	ND (0.00077)	ND (0.0013)	ND (0.0012)	-	-	ND (0.0012)	ND (0.00099)	ND (0.0012)	ND (0.0011)	ND (0.00091)	ND (0.0015)	ND (0.0012)
4-Methyl-2-Pentanone (Methyl Isobutyl Ketone)	NA	-	-	ND (0.0061)	ND (0.0048)	ND (0.0048)	ND (0.0079)	ND (0.0039)	ND (0.0066)	ND (0.0058)	-	-	ND (0.0062)	ND (0.005)	ND (0.0062)	ND (0.0054)	ND (0.0046)	ND (0.0076)	ND (0.0062)
Acetone	500	-	-	ND (0.0073)	0.028	0.064	0.22	0.027	0.082	ND (0.007)	-	-	ND (0.0074)	ND (0.0059)	ND (0.0075)	ND (0.0065)	ND (0.0055)	ND (0.0092)	ND (0.0074)
Benzene	44	-	-	ND (0.0012)	ND (0.00096)	ND (0.00097)	ND (0.0016)	ND (0.00077)	ND (0.0013)	ND (0.0012)	-	-	ND (0.0012)	ND (0.00099)	ND (0.0012)	ND (0.0011)	ND (0.00091)	ND (0.0015)	ND (0.0012)
Bromodichloromethane	NA	-	-	ND (0.0012)	ND (0.00096)	ND (0.00097)	ND (0.0016)	ND (0.00077)	ND (0.0013)	ND (0.0012)	-	-	ND (0.0012)	ND (0.00099)	ND (0.0012)	ND (0.0011)	ND (0.00091)	ND (0.0015)	ND (0.0012)
Bromoform	NA	-	-	ND (0.0012)	ND (0.00096)	ND (0.00097)	ND (0.0016)	ND (0.00077)	ND (0.0013)	ND (0.0012)	-	-	ND (0.0012)	ND (0.00099)	ND (0.0012)	ND (0.0011)	ND (0.00091)	ND (0.0015)	ND (0.0012)
Bromomethane (Methyl Bromide)	NA	-	-	ND (0.0024)	ND (0.0019) *	ND (0.0019) *	ND (0.0032) *	ND (0.0015) *	ND (0.0027) *	ND (0.0023) *	-	-	ND (0.0025) *	ND (0.002) *	ND (0.0025) *	ND (0.0022) *	ND (0.0018) *	ND (0.0031) *	ND (0.0025) *
Carbon disulfide	NA	-	-	ND (0.0012)	ND (0.00096)	ND (0.00097)	ND (0.0016)	ND (0.00077)	ND (0.0013)	ND (0.0012)	-	-	ND (0.0012)	ND (0.00099)	ND (0.0012)	ND (0.0011)	ND (0.00091)	ND (0.0015)	ND (0.0012)
Carbon tetrachloride	22	-	-	ND (0.0012)	ND (0.00096)	ND (0.00097)	ND (0.0016)	ND (0.00077)	ND (0.0013)	ND (0.0012)	-	-	ND (0.0012)	ND (0.00099)	ND (0.0012)	ND (0.0011)	ND (0.00091)	ND (0.0015)	ND (0.0012)
Chlorobenzene	500	-	-	ND (0.0012)	ND (0.00096)	ND (0.00097)	ND (0.0016)	ND (0.00077)	ND (0.0013)	ND (0.0012)	-	-	ND (0.0012)	ND (0.00099)	ND (0.0012)	ND (0.0011)	ND (0.00091)	ND (0.0015)	ND (0.0012)
Chlorobromomethane	NA	-	-	ND (0.0012)	ND (0.00096)	ND (0.00097)	ND (0.0016)	ND (0.00077)	ND (0.0013)	ND (0.0012)	-	-	ND (0.0012)	ND (0.00099)	ND (0.0012)	ND (0.0011)	ND (0.00091)	ND (0.0015)	ND (0.0012)
Chloroethane	NA	-	-	ND (0.0012)	ND (0.00096)	ND (0.00097)	ND (0.0016)	ND (0.00077)	ND (0.0013)	ND (0.0012)	-	-	ND (0.0012)	ND (0.00099)	ND (0.0012)	ND (0.0011)	ND (0.00091)	ND (0.0015)	ND (0.0012)
Chloroform (Trichloromethane)	350	-	-	ND (0.0012)	ND (0.00096)	ND (0.00097)	ND (0.0016)	ND (0.00077)	ND (0.0013)	ND (0.0012)	-	-	ND (0.0012)	ND (0.00099)	ND (0.0012)	ND (0.0011)	ND (0.00091)	ND (0.0015)	ND (0.0012)
Chloromethane (Methyl Chloride)	NA	-	-	ND (0.0012)	ND (0.00096)	ND (0.00097)	ND (0.0016)	ND (0.00077)	ND (0.0013)	ND (0.0012)	-	-	ND (0.0012)	ND (0.00099)	ND (0.0012)	ND (0.0011)	ND (0.00091)	ND (0.0015)	ND (0.0012)
cis-1,2-Dichloroethene	500	-	-	ND (0.0012)	ND (0.00096)	ND (0.00097)	ND (0.0016)	ND (0.00077)	ND (0.0013)	ND (0.0012)	-	-	ND (0.0012)	ND (0.00099)	ND (0.0012)	ND (0.0011)	ND (0.00091)	ND (0.0015)	ND (0.0012)
cis-1,3-Dichloropropene	NA	-	-	ND (0.0012)	ND (0.00096)	ND (0.00097)	ND (0.0016)	ND (0.00077)	ND (0.0013)	ND (0.0012)	-	-	ND (0.0012)	ND (0.00099)	ND (0.0012)	ND (0.0011)	ND (0.00091)	ND (0.0015)	ND (0.0012)
Cyclohexane	NA	-	-	ND (0.0012)	ND (0.00096)	ND (0.00097)	ND (0.0016)	ND (0.00077)	ND (0.0013)	ND (0.0012)	-	-	ND (0.0012)	ND (0.00099)	ND (0.0012)	ND (0.0011)	ND (0.00091)	ND (0.0015)	ND (0.0012)
Dibromochloromethane	NA	-	-	ND (0.0012)	ND (0.00096)	ND (0.00097)	ND (0.0016)	ND (0.00077)	ND (0.0013)	ND (0.0012)	-	-	ND (0.0012)	ND (0.00099)	ND (0.0012)	ND (0.0011)	ND (0.00091)	ND (0.0015)	ND (0.0012)
Dichlorodifluoromethane (CFC-12)	NA	-	-	ND (0.0012)	ND (0.00096)	ND (0.00097)	ND (0.0016)	ND (0.00077)	ND (0.0013)	ND (0.0012)	-	-	ND (0.0012)	ND (0.00099)	ND (0.0012)	ND (0.0011)	ND (0.00091)	ND (0.0015)	ND (0.0012)
Ethylbenzene	390	-	-	ND (0.0012)	ND (0.00096)	ND (0.00097)	ND (0.0016)	ND (0.00077)	ND (0.0013)	ND (0.0012)	-	-	ND (0.0012)	ND (0.00099)	ND (0.0012)	ND (0.0011)	ND (0.00091)	ND (0.0015)	ND (0.0012)
Isopropylbenzene (Cumene)	NA	-	-	ND (0.0012)	ND (0.00096)	ND (0.00097)	ND (0.0016)	ND (0.00077)	ND (0.0013)	ND (0.0012)	-	-	ND (0.0012)	ND (0.00099)	ND (0.0012)	ND (0.0011)	ND (0.00091)	ND (0.0015)	ND (0.0012)
m,p-Xylenes	NA	-	-	ND (0.0012)	ND (0.00096)	ND (0.00097)	ND (0.0016)	ND (0.00077)	ND (0.0013)	ND (0.0012)	-	-	ND (0.0012)	ND (0.00099)	ND (0.0012)	ND (0.0011)	ND (0.00091)	ND (0.0015)	ND (0.0012)
Methyl acetate	NA	-	-	ND (0.0061)	ND (0.0048)	ND (0.0048)	ND (0.0079)	ND (0.0039)	ND (0.0066)	ND (0.0058)	-	-	ND (0.0062)	ND (0.005)	ND (0.0062)	ND (0.0054)	ND (0.0046)	ND (0.0076)	ND (0.0062)
Methyl Tert Butyl Ether (MTBE)	500	-	-	ND (0.0012)	ND (0.00096)	ND (0.00097)	ND (0.0016)	ND (0.00077)	ND (0.0013)	ND (0.0012)	-	-	ND (0.0012)	ND (0.00099)	ND (0.0012)	ND (0.0011)	ND (0.00091)	ND (0.0015)	ND (0.0012)
Methylcyclohexane	NA	-	-	ND (0.0012)	ND (0.00096)	ND (0.00097)	ND (0.0016)	ND (0.00077)	ND (0.0013)	ND (0.0012)	-	-	ND (0.0012)	ND (0.00099)	ND (0.0012)	ND (0.0011)	ND (0.00091)	ND (0.0015)	ND (0.0012)
Methylene chloride (Dichloromethane)	500	-	-	ND (0.0024)	ND (0.0019)	ND (0.0019)	ND (0.0032)	ND (0.0015)	ND (0.0027)	ND (0.0023)	-	-	0.0069	0.0055	0.0041	0.0063	0.0043	0.0047	0.003
n-Butylbenzene	500	-	-	ND (0.0012)	ND (0.00096)	ND (0.00097)	ND (0.0016)	ND (0.00077)	ND (0.0013)	ND (0.0012)	-	-	ND (0.0012)	ND (0.00099)	ND (0.0012)	ND (0.0011)	ND (0.00091)	ND (0.0015)	ND (0.0012)
n-Propylbenzene	500	-	-	ND (0.0012)	ND (0.00096)	ND (0.00097)	ND (0.0016)	ND (0.00077)	ND (0.0013)	ND (0.0012)	-	-	ND (0.0012)	ND (0.00099)	ND (0.0012)	ND (0.0011)	ND (0.00091)	ND (0.0015)	ND (0.0012)
o-Xylene	NA	-	-	ND (0.0012)	ND (0.00096)	ND (0.00097)	ND (0.0016)	ND (0.00077)	ND (0.0013)	ND (0.0012)	-	-	ND (0.0012)	ND (0.00099)	ND (0.0012)	ND (0.0011)	ND (0.00091)	ND (0.0015)	ND (0.0012)
Styrene	NA	-	-	ND (0.0012)	ND (0.00096)	ND (0.00097)	ND (0.0016)	ND (0.00077)	ND (0.0013)	ND (0.0012)	-	-	ND (0.0012)	ND (0.00099)	ND (0.0012)	ND (0.0011)	ND (0.00091)	ND (0.0015)	ND (0.0012)
tert-Butylbenzene	500	-	-	ND (0.0012)	ND (0.00096)	ND (0.00097)	ND (0.0016)	ND (0.00077)	ND (0.0013)	ND (0.0012)	-	-	ND (0.0012)	ND (0.00099)	ND (0.0012)	ND (0.0011)	ND (0.00091)	ND (0.0015)	ND (0.0012)
Tetrachloroethene	150	-	-	ND (0.0012)	ND (0.00096)	ND (0.00097)	ND (0.0016)	ND (0.00077)	ND (0.0013)	ND (0.0012)	-	-	ND (0.0012)	ND (0.00099)	ND (0.0012)	ND (0.0011)	ND (0.00091)	ND (0.0015)	ND (0.0012)
Toluene	500	-	-	ND (0.0012)	ND (0.00096)	ND (0.00097)	ND (0.0016)	ND (0.00077)	0.00055 J	ND (0.0012)	-	-	ND (0.0012)	ND (0.00099)	ND (0.0012)	ND (0.0011)	ND (0.00091)	ND (0.0015)	ND (0.0012)
trans-1,2-Dichloroethene	500	-	-	ND (0.0012)	ND (0.00096)	ND (0.00097)	ND (0.0016)	ND (0.00077)	ND (0.0013)	ND (0.0012)	-	-	ND (0.0012)	ND (0.00099)	ND (0.0012)	ND (0.0011)	ND (0.00091)	ND (0.0015)	ND (0.0012)
trans-1,3-Dichloropropene	NA	-	-	ND (0.0012)	ND (0.00096)	ND (0.00097)	ND (0.0016)	ND (0.00077)	ND (0.0013)	ND (0.0012)	-	-	ND (0.0012)	ND (0.00099)	ND (0.0012)	ND (0.0011)	ND (0.00091)	ND (0.0015)	ND (0.0012)
Trichloroethene	200	-	-	ND (0.0012)	ND (0.00096)	ND (0.00097)	ND (0.0016)	ND (0.00077)	ND (0.0013)	ND (0.0012)	-	-	ND (0.0012)	ND (0.00099)	ND (0.0012)	ND (0.0011)	ND (0.00091)	ND (0.0015)	ND (0.0012)
Trichlorofluoromethane (CFC-11)	NA	-	-	ND (0.0012)	ND (0.00096)	ND (0.00097)	ND (0.0016)	ND (0.00077)	ND (0.0013)	ND (0.0012)	-	-	ND (0.0012)	ND (0.00099)	ND (0.0012)	ND (0.0011)	ND (0.00091)	ND (0.0015)	ND (0.0012)
Trifluorotrichloroethane (Freon 113)	NA	-	-	ND (0.0012)	ND (0.00096)	ND (0.00097)	ND (0.0016)	ND (0.00077)	ND (0.0013)	ND (0.0012)	-	-	ND (0.0012)	ND (0.00099)	ND (0.0012)	ND (0.0011)	ND (0.00091)	ND (0.0015)	ND (0.0012)
Vinyl chloride	13	-	-	ND (0.0012)	ND (0.00096)	ND (0.00097)	ND (0.0016)	ND (0.00077)	ND (0.0013)	ND (0.0012)	-	-	ND (0.0012)	ND (0.00099)	ND (0.0012)	ND (0.0011)	ND (0.00091)	ND (0.0015)	ND (0.0012)
Xylene (Total)	500	-	-	ND (0.0024)	ND (0.0019)	ND (0.0019)	ND (0.0032)	ND (0.0015)	ND (0.0027)	ND (0.0023)	-	-	ND (0.0025)	ND (0.002)	ND (0.0025)	ND (0.0022)	ND (0.0018)	ND (0.0031)	ND (0.0025)

TABLE 5
SUMMARY OF SOIL QUALITY DATA - BERM 5
FORMER PORT MOBIL TERMINAL
STATEN ISLAND, NEW YORK
FILE NO. 0208998

	Criteria																		
Location Name	NY Part 375	5A	5A	5A1	5A1	5A1	5A2	5A2	5A3	5A3	5B	5B	5B1	5B1	5B2	5B2	5B2	5B3	5B3
Sample Name	Commercial	5A_0-5	5A_5-10	5A1_1-2	5A1_5-6	5A1_9-10	5A2_2-3	5A2_7-8	5A3_4-5	5A3_8-9	5B_0-5	5B_5-10	5B1_1-2	5B1_5-6	5B2_2-3	5B2_6-7	5B2_9-10	5B3_3-4	5B3_8-9
Sample Date	Use	10/08/2025	10/08/2025	10/08/2025	10/08/2025	10/08/2025	10/08/2025	10/08/2025	10/08/2025	10/08/2025	10/08/2025	10/08/2025	10/08/2025	10/08/2025	10/08/2025	10/08/2025	10/08/2025	10/08/2025	10/08/2025
Lab Sample ID	Soil Cleanup	460-336761-5	460-336761-6	460-336761-35	460-336761-38	460-336761-41	460-336761-36	460-336761-39	460-336761-37	460-336761-40	460-336761-7	460-336761-8	460-336761-42	460-336761-45	460-336761-43	460-336761-46	460-336761-48	460-336761-44	460-336761-47
Sample Depth (bgs)	Objectives	0 - 5 (ft)	5 - 10 (ft)	1 - 2 (ft)	5 - 6 (ft)	9 - 10 (ft)	2 - 3 (ft)	7 - 8 (ft)	4 - 5 (ft)	8 - 9 (ft)	0 - 5 (ft)	5 - 10 (ft)	1 - 2 (ft)	5 - 6 (ft)	2 - 3 (ft)	6 - 7 (ft)	9 - 10 (ft)	3 - 4 (ft)	8 - 9 (ft)
Semi-Volatile Organic Compounds (mg/kg)																			
1,2,4,5-Tetrachlorobenzene	NA	ND (0.36)	ND (0.37)	-	-	-	-	-	-	-	ND (0.36)	ND (0.36)	-	-	-	-	-	-	-
1,4-Dioxane	130	ND (0.036)	ND (0.037)	-	-	-	-	-	-	-	ND (0.036)	ND (0.036)	-	-	-	-	-	-	-
2,2'-oxybis(1-Chloropropane)	NA	ND (0.36)	ND (0.37)	-	-	-	-	-	-	-	ND (0.36)	ND (0.36)	-	-	-	-	-	-	-
2,3,4,6-Tetrachlorophenol	NA	ND (0.36)	ND (0.37)	-	-	-	-	-	-	-	ND (0.36)	ND (0.36)	-	-	-	-	-	-	-
2,4,5-Trichlorophenol	NA	ND (0.36)	ND (0.37)	-	-	-	-	-	-	-	ND (0.36)	ND (0.36)	-	-	-	-	-	-	-
2,4,6-Trichlorophenol	NA	ND (0.14)	ND (0.15)	-	-	-	-	-	-	-	ND (0.15)	ND (0.14)	-	-	-	-	-	-	-
2,4-Dichlorophenol	NA	ND (0.14)	ND (0.15)	-	-	-	-	-	-	-	ND (0.15)	ND (0.14)	-	-	-	-	-	-	-
2,4-Dimethylphenol	NA	ND (0.36)	ND (0.37)	-	-	-	-	-	-	-	ND (0.36)	ND (0.36)	-	-	-	-	-	-	-
2,4-Dinitrophenol	NA	ND (0.29)	ND (0.3)	-	-	-	-	-	-	-	ND (0.29)	ND (0.29)	-	-	-	-	-	-	-
2,4-Dinitrotoluene	NA	ND (0.073)	ND (0.075)	-	-	-	-	-	-	-	ND (0.074)	ND (0.072)	-	-	-	-	-	-	-
2,6-Dinitrotoluene	NA	ND (0.073)	ND (0.075)	-	-	-	-	-	-	-	ND (0.074)	ND (0.072)	-	-	-	-	-	-	-
2-Chloronaphthalene	NA	ND (0.36)	ND (0.37)	-	-	-	-	-	-	-	ND (0.36)	ND (0.36)	-	-	-	-	-	-	-
2-Chlorophenol	NA	ND (0.36)	ND (0.37)	-	-	-	-	-	-	-	ND (0.36)	ND (0.36)	-	-	-	-	-	-	-
2-Methylnaphthalene	NA	ND (0.36)	ND (0.37)	-	-	-	-	-	-	-	ND (0.36)	ND (0.36)	-	-	-	-	-	-	-
2-Methylphenol (o-Cresol)	500	ND (0.36)	ND (0.37)	-	-	-	-	-	-	-	ND (0.36)	ND (0.36)	-	-	-	-	-	-	-
2-Nitroaniline	NA	ND (0.36)	ND (0.37)	-	-	-	-	-	-	-	ND (0.36)	ND (0.36)	-	-	-	-	-	-	-
2-Nitrophenol	NA	ND (0.36)	ND (0.37)	-	-	-	-	-	-	-	ND (0.36)	ND (0.36)	-	-	-	-	-	-	-
3&4-Methylphenol	NA	ND (0.36)	ND (0.37)	-	-	-	-	-	-	-	ND (0.36)	ND (0.36)	-	-	-	-	-	-	-
3,3'-Dichlorobenzidine	NA	ND (0.14)	ND (0.15)	-	-	-	-	-	-	-	ND (0.15)	ND (0.14)	-	-	-	-	-	-	-
3-Nitroaniline	NA	ND (0.36)	ND (0.37)	-	-	-	-	-	-	-	ND (0.36)	ND (0.36)	-	-	-	-	-	-	-
4,6-Dinitro-2-methylphenol	NA	ND (0.29)	ND (0.3)	-	-	-	-	-	-	-	ND (0.29)	ND (0.29)	-	-	-	-	-	-	-
4-Bromophenyl phenyl ether (BDE-3)	NA	ND (0.36)	ND (0.37)	-	-	-	-	-	-	-	ND (0.36)	ND (0.36)	-	-	-	-	-	-	-
4-Chloro-3-methylphenol	NA	ND (0.36)	ND (0.37)	-	-	-	-	-	-	-	ND (0.36)	ND (0.36)	-	-	-	-	-	-	-
4-Chloroaniline	NA	ND (0.36)	ND (0.37)	-	-	-	-	-	-	-	ND (0.36)	ND (0.36)	-	-	-	-	-	-	-
4-Chlorophenyl phenyl ether	NA	ND (0.36)	ND (0.37)	-	-	-	-	-	-	-	ND (0.36)	ND (0.36)	-	-	-	-	-	-	-
4-Methylphenol	500	ND (0.36)	ND (0.37)	-	-	-	-	-	-	-	ND (0.36)	ND (0.36)	-	-	-	-	-	-	-
4-Nitroaniline	NA	ND (0.36)	ND (0.37)	-	-	-	-	-	-	-	ND (0.36)	ND (0.36)	-	-	-	-	-	-	-
4-Nitrophenol	NA	ND (0.73)	ND (0.75)	-	-	-	-	-	-	-	ND (0.74)	ND (0.72)	-	-	-	-	-	-	-
Acenaphthene	500	ND (0.36)	ND (0.37)	-	-	-	-	-	-	-	ND (0.36)	ND (0.36)	-	-	-	-	-	-	-
Acenaphthylene	500	ND (0.36)	ND (0.37)	-	-	-	-	-	-	-	ND (0.36)	ND (0.36)	-	-	-	-	-	-	-
Acetophenone	NA	ND (0.36)	ND (0.37)	-	-	-	-	-	-	-	ND (0.36)	ND (0.36)	-	-	-	-	-	-	-
Anthracene	500	ND (0.36)	ND (0.37)	-	-	-	-	-	-	-	ND (0.36)	ND (0.36)	-	-	-	-	-	-	-
Atrazine	NA	ND (0.14)	ND (0.15)	-	-	-	-	-	-	-	ND (0.15)	ND (0.14)	-	-	-	-	-	-	-
Benzaldehyde	NA	ND (0.36)	ND (0.37)	-	-	-	-	-	-	-	ND (0.36)	ND (0.36)	-	-	-	-	-	-	-
Benzo(a)anthracene	5.6	ND (0.036)	ND (0.037)	-	-	-	-	-	-	-	ND (0.036)	ND (0.036)	-	-	-	-	-	-	-
Benzo(a)pyrene	1	ND (0.036)	ND (0.037)	-	-	-	-	-	-	-	ND (0.036)	0.011 J	-	-	-	-	-	-	-
Benzo(b)fluoranthene	5.6	ND (0.036)	ND (0.037)	-	-	-	-	-	-	-	ND (0.036)	0.013 J	-	-	-	-	-	-	-
Benzo(g,h,i)perylene	500	ND (0.36)	ND (0.37)	-	-	-	-	-	-	-	ND (0.36)	0.018 J	-	-	-	-	-	-	-
Benzo(k)fluoranthene	56	ND (0.036)	ND (0.037)	-	-	-	-	-	-	-	ND (0.036)	ND (0.036)	-	-	-	-	-	-	-
Biphenyl	NA	ND (0.36)	ND (0.37)	-	-	-	-	-	-	-	ND (0.36)	ND (0.36)	-	-	-	-	-	-	-
bis(2-Chloroethoxy)methane	NA	ND (0.36)	ND (0.37)	-	-	-	-	-	-	-	ND (0.36)	ND (0.36)	-	-	-	-	-	-	-
bis(2-Chloroethyl)ether	NA	ND (0.036)	ND (0.037)	-	-	-	-	-	-	-	ND (0.036)	ND (0.036)	-	-	-	-	-	-	-
bis(2-Ethylhexyl)phthalate	NA	ND (0.36)	ND (0.37)	-	-	-	-	-	-	-	ND (0.36)	ND (0.36)	-	-	-	-	-	-	-
Butyl benzylphthalate (BBP)	NA	ND (0.36)	ND (0.37)	-	-	-	-	-	-	-	ND (0.36)	ND (0.36)	-	-	-	-	-	-	-
Caprolactam	NA	ND (0.36)	ND (0.37)	-	-	-	-	-	-	-	ND (0.36)	ND (0.36)	-	-	-	-	-	-	-
Carbazole	NA	ND (0.36)	ND (0.37)	-	-	-	-	-	-	-	ND (0.36)	ND (0.36)	-	-	-	-	-	-	-
Chrysene	56	ND (0.36)	ND (0.37)	-	-	-	-	-	-	-	ND (0.36)	ND (0.36)	-	-	-	-	-	-	-
Dibenz(a,h)anthracene	0.56	ND (0.036)	ND (0.037)	-	-	-	-	-	-	-	ND (0.036)	ND (0.036)	-	-	-	-	-	-	-
Dibenzofuran	350	ND (0.36)	ND (0.37)	-	-	-	-	-	-	-	ND (0.36)	ND (0.36)	-	-	-	-	-	-	-
Diethyl phthalate	NA	ND (0.36)	ND (0.37)	-	-	-	-	-	-	-	ND (0.36)	ND (0.36)	-	-	-	-	-	-	-
Dimethyl phthalate	NA	ND (0.36)	ND (0.37)	-	-	-	-	-	-	-	ND (0.36)	ND (0.36)	-	-	-	-	-	-	-
Di-n-butylphthalate (DBP)	NA	0.063 J	0.13 J	-	-	-	-	-	-	-	0.05 J	0.53	-	-	-	-	-	-	-
Di-n-octyl phthalate (DnOP)	NA	ND (0.36)	ND (0.37)	-	-	-	-	-	-	-	ND (0.36)	ND (0.36)	-	-	-	-	-	-	-
Fluoranthene	500	ND (0.36)	ND (0.37)	-	-	-	-	-	-	-	ND (0.36)	0.013 J	-	-	-	-	-	-	-
Fluorene	500	ND (0.36)	ND (0.37)	-	-	-	-	-	-	-	ND (0.36)	ND (0.36)	-	-	-	-	-	-	-
Hexachlorobenzene	6	ND (0.036)	ND (0.037)	-	-	-	-	-	-	-	ND (0.036)	ND (0.036)	-	-	-	-	-	-	-
Hexachlorobutadiene	NA	ND (0.073)	ND (0.075)	-	-	-	-	-	-	-	ND (0.074)	ND (0.072)	-	-	-	-	-	-	-
Hexachlorocyclopentadiene	NA	ND (0.36)	ND (0.37)	-	-	-	-	-	-	-	ND (0.36)	ND (0.36)	-	-	-	-	-	-	-
Hexachloroethane	NA	ND (0.036)	ND (0.037)	-	-	-	-	-	-	-	ND (0.036)	ND (0.036)	-	-	-	-	-	-	-
Indeno(1,2,3-cd)pyrene	5.6	ND (0.036)	0.026 J	-	-	-	-	-	-	-	ND (0.036)	0.014 J	-	-	-	-	-	-	-
Isophorone	NA	ND (0.14)	ND (0.15)	-	-	-	-	-	-	-	ND (0.15)	ND (0.14)	-	-	-	-	-	-	-
Naphthalene	500	ND (0.36)	ND (0.37)	-	-	-	-	-	-	-	ND (0.36)	ND (0.36)	-	-	-	-	-	-	-
Nitrobenzene	NA	ND (0.036)	ND (0.037)	-	-	-	-	-	-	-	ND (0.036)	ND (0.036)	-	-	-	-	-	-	-
N-Nitrosodi-n-propylamine	NA	ND (0.036)	ND (0.037)	-	-	-	-	-	-	-	ND (0.036)	ND (0.036)	-	-	-	-	-	-	-
N-Nitrosodiphenylamine	NA	ND (0.36)	ND (0.37)	-	-	-	-	-	-	-	ND (0.36)	ND (0.36)	-	-	-	-	-	-	-
Pentachlorophenol	6.7	ND (0.29)	ND (0.3)	-	-	-	-	-	-	-	ND (0.29)	ND (0.29)	-	-	-	-	-	-	-
Phenanthrene	500	ND (0.36)	ND (0.37)	-	-	-	-	-	-	-	ND (0.36)	ND (0.36)	-	-	-	-	-	-	-
Phenol	500	ND (0.36)	ND (0.37)	-	-	-	-	-	-	-	ND (0.36)	ND (0.36)	-	-	-	-	-	-	-
Pyrene	500	ND (0.36)	0.0095 J	-	-	-	-	-	-	-	ND (0.36)	0.012 J	-	-	-	-	-	-	-

TABLE 5
SUMMARY OF SOIL QUALITY DATA - BERM 5
FORMER PORT MOBIL TERMINAL
STATEN ISLAND, NEW YORK
FILE NO. 0208998

	Criteria																		
Location Name	NY Part 375	5A	5A	5A1	5A1	5A1	5A2	5A2	5A3	5A3	5B	5B	5B1	5B1	5B2	5B2	5B2	5B3	5B3
Sample Name	Commercial	5A_0-5	5A_5-10	5A1_1-2	5A1_5-6	5A1_9-10	5A2_2-3	5A2_7-8	5A3_4-5	5A3_8-9	5B_0-5	5B_5-10	5B1_1-2	5B1_5-6	5B2_2-3	5B2_6-7	5B2_9-10	5B3_3-4	5B3_8-9
Sample Date	Use	10/08/2025	10/08/2025	10/08/2025	10/08/2025	10/08/2025	10/08/2025	10/08/2025	10/08/2025	10/08/2025	10/08/2025	10/08/2025	10/08/2025	10/08/2025	10/08/2025	10/08/2025	10/08/2025	10/08/2025	10/08/2025
Lab Sample ID	Soil Cleanup	460-336761-5	460-336761-6	460-336761-35	460-336761-38	460-336761-41	460-336761-36	460-336761-39	460-336761-37	460-336761-40	460-336761-7	460-336761-8	460-336761-42	460-336761-45	460-336761-43	460-336761-46	460-336761-48	460-336761-44	460-336761-47
Sample Depth (bgs)	Objectives	0 - 5 (ft)	5 - 10 (ft)	1 - 2 (ft)	5 - 6 (ft)	9 - 10 (ft)	2 - 3 (ft)	7 - 8 (ft)	4 - 5 (ft)	8 - 9 (ft)	0 - 5 (ft)	5 - 10 (ft)	1 - 2 (ft)	5 - 6 (ft)	2 - 3 (ft)	6 - 7 (ft)	9 - 10 (ft)	3 - 4 (ft)	8 - 9 (ft)
PFAS (mg/kg)																			
11-Chloroeicosafluoro-3-Oxaundecane-1-Sulfonic Acid (11Cl-PF3OUdS)	NA	ND (0.0002)	ND (0.00019)	-	-	-	-	-	-	-	ND (0.00019)	ND (0.00019)	-	-	-	-	-	-	-
2H,2H,3H,3H-Perfluorooctanoic acid (5:3 FTCA)	NA	ND (0.00099)	ND (0.00096)	-	-	-	-	-	-	-	ND (0.00097)	ND (0.00096)	-	-	-	-	-	-	-
3-(Perfluoroheptyl)propanoic acid (7:3 FTCA)	NA	ND (0.00099)	ND (0.00096)	-	-	-	-	-	-	-	ND (0.00097)	0.00052 J	-	-	-	-	-	-	-
3:3 Fluorotelomer carboxylic acid (3:3 FTCA)	NA	ND (0.00039)	ND (0.00038)	-	-	-	-	-	-	-	ND (0.00039)	ND (0.00038)	-	-	-	-	-	-	-
4,8-Dioxa-3H-Perfluorononanoic Acid (ADONA)	NA	ND (0.0002)	ND (0.00019)	-	-	-	-	-	-	-	ND (0.00019)	ND (0.00019)	-	-	-	-	-	-	-
4:2 Fluorotelomer sulfonic acid (4:2 FTS)	NA	ND (0.00039)	ND (0.00038)	-	-	-	-	-	-	-	ND (0.00039)	ND (0.00038)	-	-	-	-	-	-	-
6:2 Fluorotelomer sulfonic acid (6:2 FTS)	NA	ND (0.00039)	ND (0.00038)	-	-	-	-	-	-	-	0.00033 J	0.00037 J	-	-	-	-	-	-	-
8:2 Fluorotelomer sulfonic acid (8:2 FTS)	NA	0.00031 J	0.00049	-	-	-	-	-	-	-	0.00126	0.00172	-	-	-	-	-	-	-
9-Chlorohexadecafluoro-3-Oxanone-1-Sulfonic Acid (9Cl-PF3ONS)	NA	ND (0.0002)	ND (0.00019)	-	-	-	-	-	-	-	ND (0.00019)	ND (0.00019)	-	-	-	-	-	-	-
N-Ethyl Perfluorooctanesulfonamidoacetic Acid (NEtFOSAA)	NA	ND (0.0002)	ND (0.00019)	-	-	-	-	-	-	-	ND (0.00019)	ND (0.00019)	-	-	-	-	-	-	-
N-Ethylperfluorooctane sulfonamide (N-EtFOSA)	NA	ND (0.0002)	ND (0.00019)	-	-	-	-	-	-	-	ND (0.00019)	ND (0.00019)	-	-	-	-	-	-	-
N-Ethylperfluorooctane sulfonamidoethanol (N-EtFOSE)	NA	ND (0.00099)	ND (0.00096)	-	-	-	-	-	-	-	ND (0.00097)	ND (0.00096)	-	-	-	-	-	-	-
N-Methyl Perfluorooctanesulfonamidoacetic Acid (NMeFOSAA)	NA	ND (0.0002)	ND (0.00019)	-	-	-	-	-	-	-	ND (0.00019)	ND (0.00019)	-	-	-	-	-	-	-
N-Methylperfluorooctane sulfonamide (N-MeFOSA)	NA	ND (0.0002)	ND (0.00019)	-	-	-	-	-	-	-	ND (0.00019)	ND (0.00019)	-	-	-	-	-	-	-
N-Methylperfluorooctane sulfonamidoethanol (N-MeFOSE)	NA	ND (0.00099)	ND (0.00096)	-	-	-	-	-	-	-	ND (0.00097)	ND (0.00096)	-	-	-	-	-	-	-
Nonafluoro-3,6-dioxaheptanoic acid (NFDHA)	NA	ND (0.0002)	ND (0.00019)	-	-	-	-	-	-	-	ND (0.00019)	ND (0.00019)	-	-	-	-	-	-	-
Perfluoro(2-ethoxyethane) sulphonic acid (PFEESA)	NA	ND (0.0002)	ND (0.00019)	-	-	-	-	-	-	-	ND (0.00019)	ND (0.00019)	-	-	-	-	-	-	-
Perfluoro(4-methoxybutanoic) acid (PFMBA)	NA	ND (0.0002)	ND (0.00019)	-	-	-	-	-	-	-	ND (0.00019)	ND (0.00019)	-	-	-	-	-	-	-
Perfluoro-2-propoxypropanoic acid (PFPrOPrA)(GenX) (HFPO-DA)	NA	ND (0.0002)	ND (0.00019)	-	-	-	-	-	-	-	ND (0.00019)	ND (0.00019)	-	-	-	-	-	-	-
Perfluoro-3-methoxypropanoic acid (PFMPA)	NA	ND (0.0002)	ND (0.00019)	-	-	-	-	-	-	-	ND (0.00019)	ND (0.00019)	-	-	-	-	-	-	-
Perfluorobutanesulfonic acid (PFBS)	NA	ND (0.0002)	ND (0.00019)	-	-	-	-	-	-	-	ND (0.00019)	ND (0.00019)	-	-	-	-	-	-	-
Perfluorobutanoic acid (PFBA)	NA	ND (0.00039)	ND (0.00038)	-	-	-	-	-	-	-	ND (0.00039)	ND (0.00038)	-	-	-	-	-	-	-
Perfluorodecanesulfonic acid (PFDS)	NA	ND (0.0002)	ND (0.00019)	-	-	-	-	-	-	-	ND (0.00019)	ND (0.00019)	-	-	-	-	-	-	-
Perfluorodecanoic acid (PFDA)	NA	0.00262	0.00034	-	-	-	-	-	-	-	0.00171	0.00081	-	-	-	-	-	-	-
Perfluorododecane sulfonic acid (PFDoDS)	NA	ND (0.0002)	ND (0.00019)	-	-	-	-	-	-	-	ND (0.00019)	ND (0.00019)	-	-	-	-	-	-	-
Perfluorododecanoic acid (PFDoDA)	NA	0.00064	0.00071	-	-	-	-	-	-	-	0.0009	0.00122	-	-	-	-	-	-	-
Perfluoroheptanesulfonic acid (PFHpS)	NA	ND (0.0002)	ND (0.00019)	-	-	-	-	-	-	-	ND (0.00019)	ND (0.00019)	-	-	-	-	-	-	-
Perfluoroheptanoic acid (PFHpA)	NA	0.00049	ND (0.00019)	-	-	-	-	-	-	-	0.00023	0.00011 J	-	-	-	-	-	-	-
Perfluorohexanesulfonic acid (PFHxS)	NA	ND (0.0002)	ND (0.00019)	-	-	-	-	-	-	-	ND (0.00019)	ND (0.00019)	-	-	-	-	-	-	-
Perfluorohexanoic acid (PFHxA)	NA	0.00016 J	ND (0.00019)	-	-	-	-	-	-	-	0.00012 J	ND (0.00019)	-	-	-	-	-	-	-
Perfluorononane sulfonic acid (PFNS)	NA	ND (0.0002)	ND (0.00019)	-	-	-	-	-	-	-	ND (0.00019)	ND (0.00019)	-	-	-	-	-	-	-
Perfluorononanoic acid (PFNA)	NA	0.00312	0.00032	-	-	-	-	-	-	-	0.00136	0.00038	-	-	-	-	-	-	-
Perfluorooctane sulfonamide (PFOSA)	NA	ND (0.0002)	ND (0.00019)	-	-	-	-	-	-	-	ND (0.00019)	ND (0.00019)	-	-	-	-	-	-	-
Perfluorooctanesulfonic acid (PFOS)	0.44	0.00018 J	ND (0.00019)	-	-	-	-	-	-	-	ND (0.00019)	ND (0.00019)	-	-	-	-	-	-	-
Perfluorooctanoic acid (PFOA)	0.5	0.00183	0.00015 J	-	-	-	-	-	-	-	0.0005	0.00022	-	-	-	-	-	-	-
Perfluoropentanesulfonic acid (PFPeS)	NA	ND (0.0002)	ND (0.00019)	-	-	-	-	-	-	-	ND (0.00019)	ND (0.00019)	-	-	-	-	-	-	-
Perfluoropentanoic acid (PFPeA)	NA	ND (0.0002)	ND (0.00019)	-	-	-	-	-	-	-	0.0001 J	ND (0.00019)	-	-	-	-	-	-	-
Perfluorotetradecanoic acid (PFTeDA)	NA	0.00014 J	0.00023	-	-	-	-	-	-	-	0.00021	0.00042	-	-	-	-	-	-	-
Perfluorotridecanoic acid (PFTrDA)	NA	0.00692	0.01	-	-	-	-	-	-	-	0.00619	0.00774	-	-	-	-	-	-	-
Perfluoroundecanoic acid (PFUnDA)	NA	0.00781	0.00338	-	-	-	-	-	-	-	0.00786	0.00541	-	-	-	-	-	-	-
Pesticides (mg/kg)																			
4,4'-DDD	92	ND (0.0073)	ND (0.0075)	-	-	-	-	-	-	-	ND (0.0074)	ND (0.0073)	-	-	-	-	-	-	-
4,4'-DDE	62	ND (0.0073)	ND (0.0075)	-	-	-	-	-	-	-	ND (0.0074)	ND (0.0073)	-	-	-	-	-	-	-
4,4'-DDT	47	ND (0.0073)	ND (0.0075)	-	-	-	-	-	-	-	ND (0.0074)	ND (0.0073)	-	-	-	-	-	-	-
Aldrin	0.68	ND (0.0073)	ND (0.0075)	-	-	-	-	-	-	-	ND (0.0074)	ND (0.0073)	-	-	-	-	-	-	-
alpha-BHC	3.4	ND (0.0022)	ND (0.0023)	-	-	-	-	-	-	-	ND (0.0022)	ND (0.0022)	-	-	-	-	-	-	-
alpha-Chlordane (cis)	24	ND (0.0073)	ND (0.0075)	-	-	-	-	-	-	-	ND (0.0074)	ND (0.0073)	-	-	-	-	-	-	-
beta-BHC	3	ND (0.0022)	ND (0.0023)	-	-	-	-	-	-	-	ND (0.0022)	ND (0.0022)	-	-	-	-	-	-	-
Chlordane	NA	ND (0.073)	ND (0.075)	-	-	-	-	-	-	-	ND (0.074)	ND (0.073)	-	-	-	-	-	-	-
delta-BHC	500	ND (0.0022)	ND (0.0023)	-	-	-	-	-	-	-	ND (0.0022)	ND (0.0022)	-	-	-	-	-	-	-
Dieldrin	1.4	ND (0.0022)	ND (0.0023)	-	-	-	-	-	-	-	ND (0.0022)	ND (0.0022)	-	-	-	-	-	-	-
Endosulfan I	200	ND (0.0073)	ND (0.0075)	-	-	-	-	-	-	-	ND (0.0074)	ND (0.0073)	-	-	-	-	-	-	-
Endosulfan II	200	ND (0.0073)	ND (0.0075)	-	-	-	-	-	-	-	ND (0.0074)	ND (0.0073)	-	-	-	-	-	-	-
Endosulfan sulfate	200	ND (0.0073)	ND (0.0075)	-	-	-	-	-	-	-	ND (0.0074)	ND (0.0073)	-	-	-	-	-	-	-
Endrin	89	ND (0.0073)	ND (0.0075)	-	-	-	-	-	-	-	ND (0.0074)	ND (0.0073)	-	-	-	-	-	-	-
Endrin aldehyde	NA	ND (0.0073)	ND (0.0075)	-	-	-	-	-	-	-	ND (0.0074)	ND (0.0073)	-	-	-	-	-	-	-
Endrin ketone	NA	ND (0.0073)	ND (0.0075)	-	-	-	-	-	-	-	ND (0.0074)	ND (0.0073)	-	-	-	-	-	-	-
gamma-BHC (Lindane)	9.2	ND (0.0022)	ND (0.0023)	-	-	-	-	-	-	-	ND (0.0022)	ND (0.0022)	-	-	-	-	-	-	-
Heptachlor	15	ND (0.0073)	ND (0.0075)	-	-	-	-	-	-	-	ND (0.0074)	ND (0.0073)	-	-	-	-	-	-	-
Heptachlor epoxide	NA	ND (0.0073)	ND (0.0075)	-	-	-	-	-	-	-	ND (0.0074)	ND (0.0073)	-	-	-	-	-	-	-
Methoxychlor	NA	ND (0.0073)	ND (0.0075)	-	-	-	-	-	-	-	ND (0.0074)	ND (0.0073)	-	-	-	-	-	-	-
Toxaphene	NA	ND (0.073)	ND (0.075)	-	-	-	-	-	-	-	ND (0.074)	ND (0.073)	-	-	-	-	-	-	-

TABLE 5
SUMMARY OF SOIL QUALITY DATA - BERM 5
FORMER PORT MOBIL TERMINAL
STATEN ISLAND, NEW YORK
FILE NO. 0208998

	Criteria																		
Location Name	NY Part 375	5A	5A	5A1	5A1	5A1	5A2	5A2	5A3	5A3	5B	5B	5B1	5B1	5B2	5B2	5B2	5B3	5B3
Sample Name	Commercial	5A_0-5	5A_5-10	5A1_1-2	5A1_5-6	5A1_9-10	5A2_2-3	5A2_7-8	5A3_4-5	5A3_8-9	5B_0-5	5B_5-10	5B1_1-2	5B1_5-6	5B2_2-3	5B2_6-7	5B2_9-10	5B3_3-4	5B3_8-9
Sample Date	Use	10/08/2025	10/08/2025	10/08/2025	10/08/2025	10/08/2025	10/08/2025	10/08/2025	10/08/2025	10/08/2025	10/08/2025	10/08/2025	10/08/2025	10/08/2025	10/08/2025	10/08/2025	10/08/2025	10/08/2025	10/08/2025
Lab Sample ID	Soil Cleanup	460-336761-5	460-336761-6	460-336761-35	460-336761-38	460-336761-41	460-336761-36	460-336761-39	460-336761-37	460-336761-40	460-336761-7	460-336761-8	460-336761-42	460-336761-45	460-336761-43	460-336761-46	460-336761-48	460-336761-44	460-336761-47
Sample Depth (bgs)	Objectives	0 - 5 (ft)	5 - 10 (ft)	1 - 2 (ft)	5 - 6 (ft)	9 - 10 (ft)	2 - 3 (ft)	7 - 8 (ft)	4 - 5 (ft)	8 - 9 (ft)	0 - 5 (ft)	5 - 10 (ft)	1 - 2 (ft)	5 - 6 (ft)	2 - 3 (ft)	6 - 7 (ft)	9 - 10 (ft)	3 - 4 (ft)	8 - 9 (ft)
Polychlorinated Biphenyls (mg/kg)																			
Aroclor-1016 (PCB-1016)	NA	ND (0.073)	ND (0.075)	-	-	-	-	-	-	-	ND (0.074)	ND (0.073)	-	-	-	-	-	-	-
Aroclor-1221 (PCB-1221)	NA	ND (0.073)	ND (0.075)	-	-	-	-	-	-	-	ND (0.074)	ND (0.073)	-	-	-	-	-	-	-
Aroclor-1232 (PCB-1232)	NA	ND (0.073)	ND (0.075)	-	-	-	-	-	-	-	ND (0.074)	ND (0.073)	-	-	-	-	-	-	-
Aroclor-1242 (PCB-1242)	NA	ND (0.073)	ND (0.075)	-	-	-	-	-	-	-	ND (0.074)	ND (0.073)	-	-	-	-	-	-	-
Aroclor-1248 (PCB-1248)	NA	ND (0.073)	ND (0.075)	-	-	-	-	-	-	-	ND (0.074)	ND (0.073)	-	-	-	-	-	-	-
Aroclor-1254 (PCB-1254)	NA	ND (0.073)	ND (0.075)	-	-	-	-	-	-	-	ND (0.074)	ND (0.073)	-	-	-	-	-	-	-
Aroclor-1260 (PCB-1260)	NA	ND (0.073)	ND (0.075)	-	-	-	-	-	-	-	ND (0.074)	ND (0.073)	-	-	-	-	-	-	-
Aroclor-1262 (PCB-1262)	NA	ND (0.073)	ND (0.075)	-	-	-	-	-	-	-	ND (0.074)	ND (0.073)	-	-	-	-	-	-	-
Aroclor-1268 (PCB-1268)	NA	ND (0.073)	ND (0.075)	-	-	-	-	-	-	-	ND (0.074)	ND (0.073)	-	-	-	-	-	-	-
Total PCBs	1	ND (0.073)	ND (0.075)	-	-	-	-	-	-	-	ND (0.074)	ND (0.073)	-	-	-	-	-	-	-
Inorganic Compounds (mg/kg)																			
Aluminum	NA	9040	10500	-	-	-	-	-	-	-	8930	10700	-	-	-	-	-	-	-
Antimony	NA	0.93 J	0.99 J	-	-	-	-	-	-	-	0.83 J	1.1	-	-	-	-	-	-	-
Arsenic	16	6.4	6.9	-	-	-	-	-	-	-	5.9	6.7	-	-	-	-	-	-	-
Barium	400	81.4	104	-	-	-	-	-	-	-	58.6	115	-	-	-	-	-	-	-
Beryllium	590	2.4	3.9	-	-	-	-	-	-	-	1.2	5.1	-	-	-	-	-	-	-
Cadmium	9.3	0.42 J	0.49 J	-	-	-	-	-	-	-	0.25 J	0.43 J	-	-	-	-	-	-	-
Calcium	NA	1600	2150	-	-	-	-	-	-	-	1410	1890	-	-	-	-	-	-	-
Chromium	NA	42.2	62.6	-	-	-	-	-	-	-	31.9	49.7	-	-	-	-	-	-	-
Cobalt	NA	10	14.2	-	-	-	-	-	-	-	11.5	14	-	-	-	-	-	-	-
Copper	270	85.2	139	-	-	-	-	-	-	-	94.8	134	-	-	-	-	-	-	-
Iron	NA	22500	26400	-	-	-	-	-	-	-	23000	25300	-	-	-	-	-	-	-
Lead	1000	426	463	-	-	-	-	-	-	-	149	555	-	-	-	-	-	-	-
Magnesium	NA	2770	2920	-	-	-	-	-	-	-	3030	2190	-	-	-	-	-	-	-
Manganese	10000	223	297	-	-	-	-	-	-	-	243	231	-	-	-	-	-	-	-
Mercury	2.8	0.031	0.036	-	-	-	-	-	-	-	0.052	0.04	-	-	-	-	-	-	-
Nickel	310	43.6	63.6	-	-	-	-	-	-	-	51	56.9	-	-	-	-	-	-	-
Potassium	NA	1130	1260	-	-	-	-	-	-	-	1170	1210	-	-	-	-	-	-	-
Selenium	1500	0.4 J	0.41 J	-	-	-	-	-	-	-	0.66 J	0.5 J	-	-	-	-	-	-	-
Silver	1500	0.25 J	0.29 J	-	-	-	-	-	-	-	0.2 J	0.31 J	-	-	-	-	-	-	-
Sodium	NA	150	199	-	-	-	-	-	-	-	94.9 J	193	-	-	-	-	-	-	-
Thallium	NA	0.12 J	0.13 J	-	-	-	-	-	-	-	0.12 J	0.12 J	-	-	-	-	-	-	-
Vanadium	NA	25.3	28.6	-	-	-	-	-	-	-	26.9	28.4	-	-	-	-	-	-	-
Zinc	10000	412	576	-	-	-	-	-	-	-	278	548	-	-	-	-	-	-	-

ABBREVIATIONS AND NOTES:

mg/kg: milligram per kilogram

**: LCS or LCSD is outside acceptance limits.*
-: Not Analyzed
B: Compound was found in the blank and the associated sample.
bgs: below ground surface
ft: feet
J: Value is estimated.
NA: Not Applicable
ND (2.5): Not detected, number in parentheses is the laboratory reporting limit

- For test methods used, see the laboratory data sheets.
- Soil analytical results are compared to the New York State Department of Environmental Conservation (NYSDEC) Title 6 of the Official Compilation of New York Codes, Rules, and Regulations (NYCRR) Part 375 Commercial Use Soil Cleanup Objectives (SCO).
- Grey shading indicates an exceedance of the Commercial Use Soil Cleanup Objectives.

TABLE 5
SUMMARY OF SOIL QUALITY DATA - BERM 5
FORMER PORT MOBIL TERMINAL
STATEN ISLAND, NEW YORK
FILE NO. 0208998

	Criteria																		
Location Name	NY Part 375	5C	5C	5C1	5C1	5C2	5C2	5C3	5C3	5C3	5D	5D	5D1	5D1	5D2	5D2	5D2	5D3	5D3
Sample Name	Commercial	5C_0-5	5C_5-10	5C1_1-2	5C1_5-6	5C2_3-4	5C2_6-7	5C3_4-5	5C3_8-9	5C3_9-10	5D_0-5	5D_5-10	5D1_1-2	5D1_5-6	5D2_3-4	5D2_7-8	5D2_9-10	5D3_4-5	5D3_8-9
Sample Date	Use	10/08/2025	10/08/2025	10/08/2025	10/08/2025	10/08/2025	10/08/2025	10/08/2025	10/08/2025	10/08/2025	10/08/2025	10/08/2025	10/08/2025	10/08/2025	10/08/2025	10/08/2025	10/08/2025	10/08/2025	10/08/2025
Lab Sample ID	Soil Cleanup	460-336761-9	460-336761-10	460-336761-49	460-336761-52	460-336761-50	460-336761-53	460-336761-51	460-336761-54	460-336761-55	460-336761-11	460-336761-12	460-336761-56	460-336761-59	460-336761-57	460-336761-60	460-336761-62	460-336761-58	460-336761-61
Sample Depth (bgs)	Objectives	0 - 5 (ft)	5 - 10 (ft)	1 - 2 (ft)	5 - 6 (ft)	3 - 4 (ft)	6 - 7 (ft)	4 - 5 (ft)	8 - 9 (ft)	9 - 10 (ft)	0 - 5 (ft)	5 - 10 (ft)	1 - 2 (ft)	5 - 6 (ft)	3 - 4 (ft)	7 - 8 (ft)	9 - 10 (ft)	4 - 5 (ft)	8 - 9 (ft)
Volatile Organic Compounds (mg/kg)																			
1,1,1-Trichloroethane	500	-	-	ND (0.0011)	ND (0.0012)	ND (0.0011)	ND (0.0012)	ND (0.001)	ND (0.0012)	ND (0.00099)	-	-	ND (0.0011)	ND (0.00073)	ND (0.00096)	ND (0.00077)	ND (0.0012)	ND (0.00065)	ND (0.0016)
1,1,2,2-Tetrachloroethane	NA	-	-	ND (0.0011)	ND (0.0012)	ND (0.0011)	ND (0.0012)	ND (0.001)	ND (0.0012)	ND (0.00099)	-	-	ND (0.0011)	ND (0.00073)	ND (0.00096)	ND (0.00077)	ND (0.0012)	ND (0.00065)	ND (0.0016)
1,1,2-Trichloroethane	NA	-	-	ND (0.0011)	ND (0.0012)	ND (0.0011)	ND (0.0012)	ND (0.001)	ND (0.0012)	ND (0.00099)	-	-	ND (0.0011)	ND (0.00073)	ND (0.00096)	ND (0.00077)	ND (0.0012)	ND (0.00065)	ND (0.0016)
1,1-Dichloroethane	240	-	-	ND (0.0011)	ND (0.0012)	ND (0.0011)	ND (0.0012)	ND (0.001)	ND (0.0012)	ND (0.00099)	-	-	ND (0.0011)	ND (0.00073)	ND (0.00096)	ND (0.00077)	ND (0.0012)	ND (0.00065)	ND (0.0016)
1,1-Dichloroethene	500	-	-	ND (0.0011)	ND (0.0012)	ND (0.0011)	ND (0.0012)	ND (0.001)	ND (0.0012)	ND (0.00099)	-	-	ND (0.0011)	ND (0.00073)	ND (0.00096)	ND (0.00077)	ND (0.0012)	ND (0.00065)	ND (0.0016)
1,2,3-Trichlorobenzene	NA	-	-	ND (0.0011)	ND (0.0012)	ND (0.0011)	ND (0.0012)	ND (0.001)	ND (0.0012)	ND (0.00099)	-	-	ND (0.0011)	ND (0.00073)	ND (0.00096)	ND (0.00077)	ND (0.0012)	ND (0.00065)	ND (0.0016)
1,2,4-Trichlorobenzene	NA	-	-	ND (0.0011)	ND (0.0012)	ND (0.0011)	ND (0.0012)	ND (0.001)	ND (0.0012)	ND (0.00099)	-	-	ND (0.0011)	ND (0.00073)	ND (0.00096)	ND (0.00077)	ND (0.0012)	ND (0.00065)	ND (0.0016)
1,2,4-Trimethylbenzene	190	-	-	ND (0.0011)	ND (0.0012)	ND (0.0011)	ND (0.0012)	ND (0.001)	ND (0.0012)	ND (0.00099)	-	-	ND (0.0011)	ND (0.00073)	ND (0.00096)	ND (0.00077)	ND (0.0012)	ND (0.00065)	ND (0.0016)
1,2-Dibromo-3-chloropropane (DBCP)	NA	-	-	ND (0.0011)	ND (0.0012)	ND (0.0011)	ND (0.0012)	ND (0.001)	ND (0.0012)	ND (0.00099)	-	-	ND (0.0011)	ND (0.00073)	ND (0.00096)	ND (0.00077)	ND (0.0012)	ND (0.00065)	ND (0.0016)
1,2-Dibromoethane (Ethylene Dibromide)	NA	-	-	ND (0.0011)	ND (0.0012)	ND (0.0011)	ND (0.0012)	ND (0.001)	ND (0.0012)	ND (0.00099)	-	-	ND (0.0011)	ND (0.00073)	ND (0.00096)	ND (0.00077)	ND (0.0012)	ND (0.00065)	ND (0.0016)
1,2-Dichlorobenzene	500	-	-	ND (0.0011)	ND (0.0012)	ND (0.0011)	ND (0.0012)	ND (0.001)	ND (0.0012)	ND (0.00099)	-	-	ND (0.0011)	ND (0.00073)	ND (0.00096)	ND (0.00077)	ND (0.0012)	ND (0.00065)	ND (0.0016)
1,2-Dichloroethane	30	-	-	ND (0.0011)	ND (0.0012)	ND (0.0011)	ND (0.0012)	ND (0.001)	ND (0.0012)	ND (0.00099)	-	-	ND (0.0011)	ND (0.00073)	ND (0.00096)	ND (0.00077)	ND (0.0012)	ND (0.00065)	ND (0.0016)
1,2-Dichloropropane	NA	-	-	ND (0.0011)	ND (0.0012)	ND (0.0011)	ND (0.0012)	ND (0.001)	ND (0.0012)	ND (0.00099)	-	-	ND (0.0011)	ND (0.00073)	ND (0.00096)	ND (0.00077)	ND (0.0012)	ND (0.00065)	ND (0.0016)
1,3,5-Trimethylbenzene	190	-	-	ND (0.0011)	ND (0.0012)	ND (0.0011)	ND (0.0012)	ND (0.001)	ND (0.0012)	ND (0.00099)	-	-	ND (0.0011)	ND (0.00073)	ND (0.00096)	ND (0.00077)	ND (0.0012)	ND (0.00065)	ND (0.0016)
1,3-Dichlorobenzene	280	-	-	ND (0.0011)	ND (0.0012)	ND (0.0011)	ND (0.0012)	ND (0.001)	ND (0.0012)	ND (0.00099)	-	-	ND (0.0011)	ND (0.00073)	ND (0.00096)	ND (0.00077)	ND (0.0012)	ND (0.00065)	ND (0.0016)
1,4-Dichlorobenzene	130	-	-	ND (0.0011)	ND (0.0012)	ND (0.0011)	ND (0.0012)	ND (0.001)	ND (0.0012)	ND (0.00099)	-	-	ND (0.0011)	ND (0.00073)	ND (0.00096)	ND (0.00077)	ND (0.0012)	ND (0.00065)	ND (0.0016)
2-Butanone (Methyl Ethyl Ketone)	500	-	-	ND (0.0057)	ND (0.0059)	ND (0.0055)	ND (0.0059)	ND (0.0052)	ND (0.006)	ND (0.005)	-	-	ND (0.0057)	ND (0.0037)	ND (0.0048)	ND (0.0038)	ND (0.0061)	ND (0.0033)	ND (0.0081)
2-Hexanone (Methyl Butyl Ketone)	NA	-	-	ND (0.0057)	ND (0.0059)	ND (0.0055)	ND (0.0059)	ND (0.0052)	ND (0.006)	ND (0.005)	-	-	ND (0.0057)	ND (0.0037)	ND (0.0048)	ND (0.0038)	ND (0.0061)	ND (0.0033)	ND (0.0081)
2-Phenylbutane (sec-Butylbenzene)	500	-	-	ND (0.0011)	ND (0.0012)	ND (0.0011)	ND (0.0012)	ND (0.001)	ND (0.0012)	ND (0.00099)	-	-	ND (0.0011)	ND (0.00073)	ND (0.00096)	ND (0.00077)	ND (0.0012)	ND (0.00065)	ND (0.0016)
4-Methyl-2-Pentanone (Methyl Isobutyl Ketone)	NA	-	-	ND (0.0057)	ND (0.0059)	ND (0.0055)	ND (0.0059)	ND (0.0052)	ND (0.006)	ND (0.005)	-	-	ND (0.0057)	ND (0.0037)	ND (0.0048)	ND (0.0038)	ND (0.0061)	ND (0.0033)	ND (0.0081)
Acetone	500	-	-	ND (0.0068)	ND (0.0071)	0.026	ND (0.0071)	0.017	ND (0.0072)	ND (0.006)	-	-	ND (0.0069)	0.061	0.059	0.054	0.14	ND (0.0039)	0.11
Benzene	44	-	-	ND (0.0011)	ND (0.0012)	ND (0.0011)	ND (0.0012)	ND (0.001)	ND (0.0012)	ND (0.00099)	-	-	ND (0.0011)	ND (0.00073)	ND (0.00096)	ND (0.00077)	ND (0.0012)	ND (0.00065)	ND (0.0016)
Bromodichloromethane	NA	-	-	ND (0.0011)	ND (0.0012)	ND (0.0011)	ND (0.0012)	ND (0.001)	ND (0.0012)	ND (0.00099)	-	-	ND (0.0011)	ND (0.00073)	ND (0.00096)	ND (0.00077)	ND (0.0012)	ND (0.00065)	ND (0.0016)
Bromoform	NA	-	-	ND (0.0011)	ND (0.0012)	ND (0.0011)	ND (0.0012)	ND (0.001)	ND (0.0012)	ND (0.00099)	-	-	ND (0.0011)	ND (0.00073)	ND (0.00096)	ND (0.00077)	ND (0.0012)	ND (0.00065)	ND (0.0016)
Bromomethane (Methyl Bromide)	NA	-	-	ND (0.0023) *	ND (0.0024) *	ND (0.0022) *	ND (0.0024) *	ND (0.0021) *	ND (0.0024) *	ND (0.002) *	-	-	ND (0.0023) *	ND (0.0015) *	ND (0.0019) *	ND (0.0015) *	ND (0.0025) *	ND (0.0013) *	ND (0.0032) *
Carbon disulfide	NA	-	-	ND (0.0011)	ND (0.0012)	ND (0.0011)	ND (0.0012)	ND (0.001)	ND (0.0012)	ND (0.00099)	-	-	ND (0.0011)	ND (0.00073)	ND (0.00096)	ND (0.00077)	ND (0.0012)	ND (0.00065)	ND (0.0016)
Carbon tetrachloride	22	-	-	ND (0.0011)	ND (0.0012)	ND (0.0011)	ND (0.0012)	ND (0.001)	ND (0.0012)	ND (0.00099)	-	-	ND (0.0011)	ND (0.00073)	ND (0.00096)	ND (0.00077)	ND (0.0012)	ND (0.00065)	ND (0.0016)
Chlorobenzene	500	-	-	ND (0.0011)	ND (0.0012)	ND (0.0011)	ND (0.0012)	ND (0.001)	ND (0.0012)	ND (0.00099)	-	-	ND (0.0011)	ND (0.00073)	ND (0.00096)	ND (0.00077)	ND (0.0012)	ND (0.00065)	ND (0.0016)
Chlorobromomethane	NA	-	-	ND (0.0011)	ND (0.0012)	ND (0.0011)	ND (0.0012)	ND (0.001)	ND (0.0012)	ND (0.00099)	-	-	ND (0.0011)	ND (0.00073)	ND (0.00096)	ND (0.00077)	ND (0.0012)	ND (0.00065)	ND (0.0016)
Chloroethane	NA	-	-	ND (0.0011)	ND (0.0012)	ND (0.0011)	ND (0.0012)	ND (0.001)	ND (0.0012)	ND (0.00099)	-	-	ND (0.0011)	ND (0.00073)	ND (0.00096)	ND (0.00077)	ND (0.0012)	ND (0.00065)	ND (0.0016)
Chloroform (Trichloromethane)	350	-	-	ND (0.0011)	ND (0.0012)	ND (0.0011)	ND (0.0012)	ND (0.001)	ND (0.0012)	ND (0.00099)	-	-	ND (0.0011)	ND (0.00073)	ND (0.00096)	ND (0.00077)	ND (0.0012)	ND (0.00065)	ND (0.0016)
Chloromethane (Methyl Chloride)	NA	-	-	ND (0.0011)	ND (0.0012)	ND (0.0011)	ND (0.0012)	ND (0.001)	ND (0.0012)	ND (0.00099)	-	-	ND (0.0011)	ND (0.00073)	ND (0.00096)	ND (0.00077)	ND (0.0012)	ND (0.00065)	ND (0.0016)
cis-1,2-Dichloroethene	500	-	-	ND (0.0011)	ND (0.0012)	ND (0.0011)	ND (0.0012)	ND (0.001)	ND (0.0012)	ND (0.00099)	-	-	ND (0.0011)	ND (0.00073)	ND (0.00096)	ND (0.00077)	ND (0.0012)	ND (0.00065)	ND (0.0016)
cis-1,3-Dichloropropene	NA	-	-	ND (0.0011)	ND (0.0012)	ND (0.0011)	ND (0.0012)	ND (0.001)	ND (0.0012)	ND (0.00099)	-	-	ND (0.0011)	ND (0.00073)	ND (0.00096)	ND (0.00077)	ND (0.0012)	ND (0.00065)	ND (0.0016)
Cyclohexane	NA	-	-	ND (0.0011)	ND (0.0012)	ND (0.0011)	ND (0.0012)	ND (0.001)	ND (0.0012)	ND (0.00099)	-	-	ND (0.0011)	ND (0.00073)	ND (0.00096)	ND (0.00077)	ND (0.0012)	ND (0.00065)	ND (0.0016)
Dibromochloromethane	NA	-	-	ND (0.0011)	ND (0.0012)	ND (0.0011)	ND (0.0012)	ND (0.001)	ND (0.0012)	ND (0.00099)	-	-	ND (0.0011)	ND (0.00073)	ND (0.00096)	ND (0.00077)	ND (0.0012)	ND (0.00065)	ND (0.0016)
Dichlorodifluoromethane (CFC-12)	NA	-	-	ND (0.0011)	ND (0.0012)	ND (0.0011)	ND (0.0012)	ND (0.001)	ND (0.0012)	ND (0.00099)	-	-	ND (0.0011)	ND (0.00073)	ND (0.00096)	ND (0.00077)	ND (0.0012)	ND (0.00065)	ND (0.0016)
Ethylbenzene	390	-	-	ND (0.0011)	ND (0.0012)	ND (0.0011)	ND (0.0012)	ND (0.001)	ND (0.0012)	ND (0.00099)	-	-	ND (0.0011)	ND (0.00073)	ND (0.00096)	ND (0.00077)	ND (0.0012)	ND (0.00065)	ND (0.0016)
Isopropylbenzene (Cumene)	NA	-	-	ND (0.0011)	ND (0.0012)	ND (0.0011)	ND (0.0012)	ND (0.001)	ND (0.0012)	ND (0.00099)	-	-	ND (0.0011)	ND (0.00073)	ND (0.00096)	ND (0.00077)	ND (0.0012)	ND (0.00065)	ND (0.0016)
m,p-Xylenes	NA	-	-	ND (0.0011)	ND (0.0012)	ND (0.0011)	ND (0.0012)	ND (0.001)	ND (0.0012)	ND (0.00099)	-	-	ND (0.0011)	ND (0.00073)	ND (0.00096)	ND (0.00077)	ND (0.0012)	ND (0.00065)	ND (0.0016)
Methyl acetate	NA	-	-	ND (0.0057)	ND (0.0059)	ND (0.0055)	ND (0.0059)	ND (0.0052)	ND (0.006)	ND (0.005)	-	-	ND (0.0057)	ND (0.0037)	ND (0.0048)	ND (0.0038)	ND (0.0061)	ND (0.0033)	ND (0.0081)
Methyl Tert Butyl Ether (MTBE)	500	-	-	ND (0.0011)	ND (0.0012)	ND (0.0011)	ND (0.0012)	ND (0.001)	ND (0.0012)	ND (0.00099)	-	-	ND (0.0011)	ND (0.00073)	ND (0.00096)	ND (0.00077)	ND (0.0012)	ND (0.00065)	ND (0.0016)
Methylcyclohexane	NA	-	-	ND (0.0011)	ND (0.0012)	ND (0.0011)	ND (0.0012)	ND (0.001)	ND (0.0012)	ND (0.00099)	-	-	ND (0.0011)	ND (0.00073)	ND (0.00096)	ND (0.00077)	ND (0.0012)	ND (0.00065)	ND (0.0016)
Methylene chloride (Dichloromethane)	500	-	-	ND (0.0023)	ND (0.0024)	ND (0.0022)	0.0015 J	ND (0.0021)	ND (0.0024)	0.0035	-	-	ND (0.0023)	ND (0.0015)	ND (0.0019)	ND (0.0015)	ND (0.0025)	ND (0.0013)	ND (0.0032)
n-Butylbenzene	500	-	-	ND (0.0011)	ND (0.0012)	ND (0.0011)	ND (0.0012)	ND (0.001)	ND (0.0012)	ND (0.00099)	-	-	ND (0.0011)	ND (0.00073)	ND (0.00096)	ND (0.00077)	ND (0.0012)	ND (0.00065)	ND (0.0016)
n-Propylbenzene	500	-	-	ND (0.0011)	ND (0.0012)	ND (0.0011)	ND (0.0012)	ND (0.001)	ND (0.0012)	ND (0.00099)	-	-	ND (0.0011)	ND (0.00073)	ND (0.00096)	ND (0.00077)	ND (0.0012)	ND (0.00065)	ND (0.0016)
o-Xylene	NA	-	-	ND (0.0011)	ND (0.0012)	ND (0.0011)	ND (0.0012)	ND (0.001)	ND (0.0012)	ND (0.00099)	-	-	ND (0.0011)	ND (0.00073)	ND (0.00096)	ND (0.00077)	ND (0.0012)	ND (0.00065)	ND (0.0016)
Styrene	NA	-	-	ND (0.0011)	ND (0.0012)	ND (0.0011)	ND (0.0012)	ND (0.001)	ND (0.0012)	ND (0.00099)	-	-	ND (0.0011)	ND (0.00073)	ND (0.00096)	ND (0.00077)	ND (0.0012)	ND (0.00065)	ND (0.0016)
tert-Butylbenzene	500	-	-	ND (0.0011)	ND (0.0012)	ND (0.0011)	ND (0.0012)	ND (0.001)	ND (0.0012)	ND (0.00099)	-	-	ND (0.0011)	ND (0.00073)	ND (0.00096)	ND (0.00077)	ND (0.0012)	ND (0.00065)	ND (0.0016)
Tetrachloroethene	150	-	-	ND (0.0011)	ND (0.0012)	ND (0.0011)	ND (0.0012)	ND (0.001)	ND (0.0012)	ND (0.00099)	-	-	ND (0.0011)	ND (0.00073)	ND (0.00096)	ND (0.00077)	ND (0.0012)	ND (0.00065)	ND (0.0016)
Toluene	500	-	-	ND (0.0011)	ND (0.0012)	ND (0.0011)	ND (0.0012)	ND (0.001)	ND (0.0012)	ND (0.00099)	-	-	ND (0.0011)	ND (0.00073)	ND (0.00096)	0.00039 J	ND (0.0012)	ND (0.00065)	ND (0.0016)
trans-1,2-Dichloroethene	500	-	-	ND (0.0011)	ND (0.0012)	ND (0.0011)	ND (0.0012)	ND (0.001)	ND (0.0012)	ND (0.00099)	-	-	ND (0.0011)	ND (0.00073)	ND (0.00096)	ND (0.00077)	ND (0.0012)	ND (0.00065)	ND (0.0016)
trans-1,3-Dichloropropene	NA	-	-	ND (0.0011)	ND (0.0012)	ND (0.0011)	ND (0.0012)	ND (0.001)	ND (0.0012)	ND (0.00099)	-	-	ND (0.0011) *	ND (0.00073) *	ND (0.00096) *	ND (0.00077) *	ND (0.0012) *	ND (0.00065) *	ND (0.0016) *
Trichloroethene	200	-	-	ND (0.0011)	ND (0.0012)	ND (0.0011)	ND (0.0012)	ND (0.001)	ND (0.0012)	ND (0.00099)	-	-	ND (0.0011)	ND (0.00073)	ND (0.00096)	ND (0.00077)	ND (0.0012)	ND (0.00065)	ND (0.0016)
Trichlorofluoromethane (CFC-11)	NA	-	-	ND (0.0011)	ND (0.0012)	ND (0.0011)	ND (0.0012)	ND (0.001)	ND (0.0012)	ND (0.00099)	-	-	ND (0.0011)	ND (0.00073)	ND (0.00096)	ND (0.00077)	ND (0.0012)	ND (0.00065)	ND (0.0016)
Trifluorotrichloroethane (Freon 113)	NA	-	-	ND (0.0011)	ND (0.0012)	ND (0.0011)	ND (0.0012)	ND (0.001)	ND (0.0012)	ND (0.00099)	-	-	ND (0.0011)	ND (0.00073)	ND (0.00096)	ND (0.00077)	ND (0.0012)	ND (0.00065)	ND (0.0016)
Vinyl chloride	13	-	-	ND (0.0011)	ND (0.0012)	ND (0.0011)	ND (0.0012)	ND (0.001)	ND (0.0012)	ND (0.00099)	-	-	ND (0.0011)	ND (0.00073)	ND (0.00096)	ND (0.00077)	ND (0.0012)	ND (0.00065)	ND (0.0016)
Xylene (Total)	500	-	-	ND (0.0023)	ND (0.0024)	ND (0.0022)	ND (0.0024)	ND (0.0021)	ND (0.0024)	ND (0.002)	-	-	ND (0.0023)	ND (0.0015)	ND (0.0019)	0.0003 J	ND (0.0025)	ND (0.0013)	ND (0.0032)

TABLE 5
SUMMARY OF SOIL QUALITY DATA - BERM 5
FORMER PORT MOBIL TERMINAL
STATEN ISLAND, NEW YORK
FILE NO. 0208998

	Criteria																		
Location Name	NY Part 375	5C	5C	5C1	5C1	5C2	5C2	5C3	5C3	5C3	5D	5D	5D1	5D1	5D2	5D2	5D2	5D3	5D3
Sample Name	Commercial	5C_0-5	5C_5-10	5C1_1-2	5C1_5-6	5C2_3-4	5C2_6-7	5C3_4-5	5C3_8-9	5C3_9-10	5D_0-5	5D_5-10	5D1_1-2	5D1_5-6	5D2_3-4	5D2_7-8	5D2_9-10	5D3_4-5	5D3_8-9
Sample Date	Use	10/08/2025	10/08/2025	10/08/2025	10/08/2025	10/08/2025	10/08/2025	10/08/2025	10/08/2025	10/08/2025	10/08/2025	10/08/2025	10/08/2025	10/08/2025	10/08/2025	10/08/2025	10/08/2025	10/08/2025	10/08/2025
Lab Sample ID	Soil Cleanup	460-336761-9	460-336761-10	460-336761-49	460-336761-52	460-336761-50	460-336761-53	460-336761-51	460-336761-54	460-336761-55	460-336761-11	460-336761-12	460-336761-56	460-336761-59	460-336761-57	460-336761-60	460-336761-62	460-336761-58	460-336761-61
Sample Depth (bgs)	Objectives	0 - 5 (ft)	5 - 10 (ft)	1 - 2 (ft)	5 - 6 (ft)	3 - 4 (ft)	6 - 7 (ft)	4 - 5 (ft)	8 - 9 (ft)	9 - 10 (ft)	0 - 5 (ft)	5 - 10 (ft)	1 - 2 (ft)	5 - 6 (ft)	3 - 4 (ft)	7 - 8 (ft)	9 - 10 (ft)	4 - 5 (ft)	8 - 9 (ft)
Semi-Volatile Organic Compounds (mg/kg)																			
1,2,4,5-Tetrachlorobenzene	NA	ND (0.37)	ND (0.37)	-	-	-	-	-	-	-	ND (0.36)	ND (0.36)	-	-	-	-	-	-	-
1,4-Dioxane	130	ND (0.037)	ND (0.037)	-	-	-	-	-	-	-	ND (0.036)	ND (0.036)	-	-	-	-	-	-	-
2,2'-oxybis(1-Chloropropane)	NA	ND (0.37)	ND (0.37)	-	-	-	-	-	-	-	ND (0.36)	ND (0.36)	-	-	-	-	-	-	-
2,3,4,6-Tetrachlorophenol	NA	ND (0.37)	ND (0.37)	-	-	-	-	-	-	-	ND (0.36)	ND (0.36)	-	-	-	-	-	-	-
2,4,5-Trichlorophenol	NA	ND (0.37)	ND (0.37)	-	-	-	-	-	-	-	ND (0.36)	ND (0.36)	-	-	-	-	-	-	-
2,4,6-Trichlorophenol	NA	ND (0.15)	ND (0.15)	-	-	-	-	-	-	-	ND (0.14)	ND (0.15)	-	-	-	-	-	-	-
2,4-Dichlorophenol	NA	ND (0.15)	ND (0.15)	-	-	-	-	-	-	-	ND (0.14)	ND (0.15)	-	-	-	-	-	-	-
2,4-Dimethylphenol	NA	ND (0.37)	ND (0.37)	-	-	-	-	-	-	-	ND (0.36)	ND (0.36)	-	-	-	-	-	-	-
2,4-Dinitrophenol	NA	ND (0.3)	ND (0.3)	-	-	-	-	-	-	-	ND (0.29)	ND (0.29)	-	-	-	-	-	-	-
2,4-Dinitrotoluene	NA	ND (0.076)	ND (0.075)	-	-	-	-	-	-	-	ND (0.073)	ND (0.074)	-	-	-	-	-	-	-
2,6-Dinitrotoluene	NA	ND (0.076)	ND (0.075)	-	-	-	-	-	-	-	ND (0.073)	ND (0.074)	-	-	-	-	-	-	-
2-Chloronaphthalene	NA	ND (0.37)	ND (0.37)	-	-	-	-	-	-	-	ND (0.36)	ND (0.36)	-	-	-	-	-	-	-
2-Chlorophenol	NA	ND (0.37)	ND (0.37)	-	-	-	-	-	-	-	ND (0.36)	ND (0.36)	-	-	-	-	-	-	-
2-Methylnaphthalene	NA	ND (0.37)	ND (0.37)	-	-	-	-	-	-	-	ND (0.36)	0.013 J	-	-	-	-	-	-	-
2-Methylphenol (o-Cresol)	500	ND (0.37)	ND (0.37)	-	-	-	-	-	-	-	ND (0.36)	ND (0.36)	-	-	-	-	-	-	-
2-Nitroaniline	NA	ND (0.37)	ND (0.37)	-	-	-	-	-	-	-	ND (0.36)	ND (0.36)	-	-	-	-	-	-	-
2-Nitrophenol	NA	ND (0.37)	ND (0.37)	-	-	-	-	-	-	-	ND (0.36)	ND (0.36)	-	-	-	-	-	-	-
3&4-Methylphenol	NA	ND (0.37)	ND (0.37)	-	-	-	-	-	-	-	ND (0.36)	ND (0.36)	-	-	-	-	-	-	-
3,3'-Dichlorobenzidine	NA	ND (0.15)	ND (0.15)	-	-	-	-	-	-	-	ND (0.14)	ND (0.15)	-	-	-	-	-	-	-
3-Nitroaniline	NA	ND (0.37)	ND (0.37)	-	-	-	-	-	-	-	ND (0.36)	ND (0.36)	-	-	-	-	-	-	-
4,6-Dinitro-2-methylphenol	NA	ND (0.3)	ND (0.3)	-	-	-	-	-	-	-	ND (0.29)	ND (0.29)	-	-	-	-	-	-	-
4-Bromophenyl phenyl ether (BDE-3)	NA	ND (0.37)	ND (0.37)	-	-	-	-	-	-	-	ND (0.36)	ND (0.36)	-	-	-	-	-	-	-
4-Chloro-3-methylphenol	NA	ND (0.37)	ND (0.37)	-	-	-	-	-	-	-	ND (0.36)	ND (0.36)	-	-	-	-	-	-	-
4-Chloroaniline	NA	ND (0.37)	ND (0.37)	-	-	-	-	-	-	-	ND (0.36)	ND (0.36)	-	-	-	-	-	-	-
4-Chlorophenyl phenyl ether	NA	ND (0.37)	ND (0.37)	-	-	-	-	-	-	-	ND (0.36)	ND (0.36)	-	-	-	-	-	-	-
4-Methylphenol	500	ND (0.37)	ND (0.37)	-	-	-	-	-	-	-	ND (0.36)	ND (0.36)	-	-	-	-	-	-	-
4-Nitroaniline	NA	ND (0.37)	ND (0.37)	-	-	-	-	-	-	-	ND (0.36)	ND (0.36)	-	-	-	-	-	-	-
4-Nitrophenol	NA	ND (0.76)	ND (0.75)	-	-	-	-	-	-	-	ND (0.73)	ND (0.74)	-	-	-	-	-	-	-
Acenaphthene	500	ND (0.37)	ND (0.37)	-	-	-	-	-	-	-	ND (0.36)	ND (0.36)	-	-	-	-	-	-	-
Acenaphthylene	500	ND (0.37)	0.015 J	-	-	-	-	-	-	-	ND (0.36)	ND (0.36)	-	-	-	-	-	-	-
Acetophenone	NA	ND (0.37)	ND (0.37)	-	-	-	-	-	-	-	ND (0.36)	ND (0.36)	-	-	-	-	-	-	-
Anthracene	500	ND (0.37)	0.045 J	-	-	-	-	-	-	-	ND (0.36)	ND (0.36)	-	-	-	-	-	-	-
Atrazine	NA	ND (0.15)	ND (0.15)	-	-	-	-	-	-	-	ND (0.14)	ND (0.15)	-	-	-	-	-	-	-
Benzaldehyde	NA	ND (0.37)	ND (0.37)	-	-	-	-	-	-	-	ND (0.36)	ND (0.36)	-	-	-	-	-	-	-
Benzo(a)anthracene	5.6	0.037	0.031 J	-	-	-	-	-	-	-	ND (0.036)	ND (0.036)	-	-	-	-	-	-	-
Benzo(a)pyrene	1	0.041	0.031 J	-	-	-	-	-	-	-	ND (0.036)	0.015 J	-	-	-	-	-	-	-
Benzo(b)fluoranthene	5.6	0.055	0.04	-	-	-	-	-	-	-	ND (0.036)	0.021 J	-	-	-	-	-	-	-
Benzo(g,h,i)perylene	500	0.033 J	0.031 J	-	-	-	-	-	-	-	ND (0.36)	0.012 J	-	-	-	-	-	-	-
Benzo(k)fluoranthene	56	0.024 J	0.015 J	-	-	-	-	-	-	-	ND (0.036)	0.0071 J	-	-	-	-	-	-	-
Biphenyl	NA	ND (0.37)	ND (0.37)	-	-	-	-	-	-	-	ND (0.36)	ND (0.36)	-	-	-	-	-	-	-
bis(2-Chloroethoxy)methane	NA	ND (0.37)	ND (0.37)	-	-	-	-	-	-	-	ND (0.36)	ND (0.36)	-	-	-	-	-	-	-
bis(2-Chloroethyl)ether	NA	ND (0.037)	ND (0.037)	-	-	-	-	-	-	-	ND (0.036)	ND (0.036)	-	-	-	-	-	-	-
bis(2-Ethylhexyl)phthalate	NA	ND (0.37)	ND (0.37)	-	-	-	-	-	-	-	ND (0.36)	ND (0.36)	-	-	-	-	-	-	-
Butyl benzylphthalate (BBP)	NA	ND (0.37)	ND (0.37)	-	-	-	-	-	-	-	ND (0.36)	ND (0.36)	-	-	-	-	-	-	-
Caprolactam	NA	ND (0.37)	ND (0.37)	-	-	-	-	-	-	-	ND (0.36)	ND (0.36)	-	-	-	-	-	-	-
Carbazole	NA	ND (0.37)	ND (0.37)	-	-	-	-	-	-	-	ND (0.36)	ND (0.36)	-	-	-	-	-	-	-
Chrysene	56	0.034 J	0.028 J	-	-	-	-	-	-	-	ND (0.36)	0.016 J	-	-	-	-	-	-	-
Dibenz(a,h)anthracene	0.56	ND (0.037)	ND (0.037)	-	-	-	-	-	-	-	ND (0.036)	ND (0.036)	-	-	-	-	-	-	-
Dibenzofuran	350	ND (0.37)	ND (0.37)	-	-	-	-	-	-	-	ND (0.36)	ND (0.36)	-	-	-	-	-	-	-
Diethyl phthalate	NA	ND (0.37)	ND (0.37)	-	-	-	-	-	-	-	ND (0.36)	ND (0.36)	-	-	-	-	-	-	-
Dimethyl phthalate	NA	ND (0.37)	ND (0.37)	-	-	-	-	-	-	-	ND (0.36)	ND (0.36)	-	-	-	-	-	-	-
Di-n-butylphthalate (DBP)	NA	ND (0.37)	0.031 J	-	-	-	-	-	-	-	0.022 J	0.26 J	-	-	-	-	-	-	-
Di-n-octyl phthalate (DnOP)	NA	ND (0.37)	ND (0.37)	-	-	-	-	-	-	-	ND (0.36)	ND (0.36)	-	-	-	-	-	-	-
Fluoranthene	500	0.035 J	0.043 J	-	-	-	-	-	-	-	ND (0.36)	0.021 J	-	-	-	-	-	-	-
Fluorene	500	ND (0.37)	ND (0.37)	-	-	-	-	-	-	-	ND (0.36)	ND (0.36)	-	-	-	-	-	-	-
Hexachlorobenzene	6	ND (0.037)	ND (0.037)	-	-	-	-	-	-	-	ND (0.036)	ND (0.036)	-	-	-	-	-	-	-
Hexachlorobutadiene	NA	ND (0.076)	ND (0.075)	-	-	-	-	-	-	-	ND (0.073)	ND (0.074)	-	-	-	-	-	-	-
Hexachlorocyclopentadiene	NA	ND (0.37)	ND (0.37)	-	-	-	-	-	-	-	ND (0.36)	ND (0.36)	-	-	-	-	-	-	-
Hexachloroethane	NA	ND (0.037)	ND (0.037)	-	-	-	-	-	-	-	ND (0.036)	ND (0.036)	-	-	-	-	-	-	-
Indeno(1,2,3-cd)pyrene	5.6	0.037	0.028 J	-	-	-	-	-	-	-	ND (0.036)	0.014 J	-	-	-	-	-	-	-
Isophorone	NA	ND (0.15)	ND (0.15)	-	-	-	-	-	-	-	ND (0.14)	ND (0.15)	-	-	-	-	-	-	-
Naphthalene	500	ND (0.37)	0.0083 J	-	-	-	-	-	-	-	ND (0.36)	0.015 J	-	-	-	-	-	-	-
Nitrobenzene	NA	ND (0.037)	ND (0.037)	-	-	-	-	-	-	-	ND (0.036)	ND (0.036)	-	-	-	-	-	-	-
N-Nitrosodi-n-propylamine	NA	ND (0.037)	ND (0.037)	-	-	-	-	-	-	-	ND (0.036)	ND (0.036)	-	-	-	-	-	-	-
N-Nitrosodiphenylamine	NA	ND (0.37)	ND (0.37)	-	-	-	-	-	-	-	ND (0.36)	ND (0.36)	-	-	-	-	-	-	-
Pentachlorophenol	6.7	ND (0.3)	ND (0.3)	-	-	-	-	-	-	-	ND (0.29)	ND (0.29)	-	-	-	-	-	-	-
Phenanthrene	500	ND (0.37)	0.044 J	-	-	-	-	-	-	-	ND (0.36)	ND (0.36)	-	-	-	-	-	-	-
Phenol	500	ND (0.37)	ND (0.37)	-	-	-	-	-	-	-	ND (0.36)	ND (0.36)	-	-	-	-	-	-	-
Pyrene	500	0.033 J	0.046 J	-	-	-	-	-	-	-	ND (0.36)	0.021 J	-	-	-	-	-	-	-

TABLE 5
SUMMARY OF SOIL QUALITY DATA - BERM 5
FORMER PORT MOBIL TERMINAL
STATEN ISLAND, NEW YORK
FILE NO. 0208998

	Criteria																		
Location Name	NY Part 375	5C	5C	5C1	5C1	5C2	5C2	5C3	5C3	5C3	5D	5D	5D1	5D1	5D2	5D2	5D2	5D3	5D3
Sample Name	Commercial	5C_0-5	5C_5-10	5C1_1-2	5C1_5-6	5C2_3-4	5C2_6-7	5C3_4-5	5C3_8-9	5C3_9-10	5D_0-5	5D_5-10	5D1_1-2	5D1_5-6	5D2_3-4	5D2_7-8	5D2_9-10	5D3_4-5	5D3_8-9
Sample Date	Use	10/08/2025	10/08/2025	10/08/2025	10/08/2025	10/08/2025	10/08/2025	10/08/2025	10/08/2025	10/08/2025	10/08/2025	10/08/2025	10/08/2025	10/08/2025	10/08/2025	10/08/2025	10/08/2025	10/08/2025	10/08/2025
Lab Sample ID	Soil Cleanup	460-336761-9	460-336761-10	460-336761-49	460-336761-52	460-336761-50	460-336761-53	460-336761-51	460-336761-54	460-336761-55	460-336761-11	460-336761-12	460-336761-56	460-336761-59	460-336761-57	460-336761-60	460-336761-62	460-336761-58	460-336761-61
Sample Depth (bgs)	Objectives	0 - 5 (ft)	5 - 10 (ft)	1 - 2 (ft)	5 - 6 (ft)	3 - 4 (ft)	6 - 7 (ft)	4 - 5 (ft)	8 - 9 (ft)	9 - 10 (ft)	0 - 5 (ft)	5 - 10 (ft)	1 - 2 (ft)	5 - 6 (ft)	3 - 4 (ft)	7 - 8 (ft)	9 - 10 (ft)	4 - 5 (ft)	8 - 9 (ft)
PFAS (mg/kg)																			
11-Chloroeicosafluoro-3-Oxaundecane-1-Sulfonic Acid (11Cl-PF3OUdS)	NA	ND (0.0002)	ND (0.0002)	-	-	-	-	-	-	-	ND (0.0002)	ND (0.0002)	-	-	-	-	-	-	-
2H,2H,3H,3H-Perfluorooctanoic acid (5:3 FTCA)	NA	ND (0.001)	ND (0.001)	-	-	-	-	-	-	-	ND (0.001)	ND (0.001)	-	-	-	-	-	-	-
3-(Perfluoroheptyl)propanoic acid (7:3 FTCA)	NA	0.00089 J	ND (0.001)	-	-	-	-	-	-	-	ND (0.001)	ND (0.001)	-	-	-	-	-	-	-
3:3 Fluorotelomer carboxylic acid (3:3 FTCA)	NA	ND (0.0004)	ND (0.0004)	-	-	-	-	-	-	-	ND (0.0004)	ND (0.0004)	-	-	-	-	-	-	-
4,8-Dioxa-3H-Perfluorononanoic Acid (ADONA)	NA	ND (0.0002)	ND (0.0002)	-	-	-	-	-	-	-	ND (0.0002)	ND (0.0002)	-	-	-	-	-	-	-
4:2 Fluorotelomer sulfonic acid (4:2 FTS)	NA	ND (0.0004)	ND (0.0004)	-	-	-	-	-	-	-	ND (0.0004)	ND (0.0004)	-	-	-	-	-	-	-
6:2 Fluorotelomer sulfonic acid (6:2 FTS)	NA	0.00025 J	ND (0.0004)	-	-	-	-	-	-	-	ND (0.0004)	ND (0.0004)	-	-	-	-	-	-	-
8:2 Fluorotelomer sulfonic acid (8:2 FTS)	NA	0.00144	0.00042	-	-	-	-	-	-	-	0.00025 J	0.00067	-	-	-	-	-	-	-
9-Chlorohexadecafluoro-3-Oxanone-1-Sulfonic Acid (9Cl-PF3ONS)	NA	ND (0.0002)	ND (0.0002)	-	-	-	-	-	-	-	ND (0.0002)	ND (0.0002)	-	-	-	-	-	-	-
N-Ethyl Perfluorooctanesulfonamidoacetic Acid (NEtFOSAA)	NA	ND (0.0002)	ND (0.0002)	-	-	-	-	-	-	-	ND (0.0002)	ND (0.0002)	-	-	-	-	-	-	-
N-Ethylperfluorooctane sulfonamide (N-EtFOSA)	NA	ND (0.0002)	ND (0.0002)	-	-	-	-	-	-	-	ND (0.0002)	ND (0.0002)	-	-	-	-	-	-	-
N-Ethylperfluorooctane sulfonamidoethanol (N-EtFOSE)	NA	ND (0.001)	ND (0.001)	-	-	-	-	-	-	-	ND (0.001)	ND (0.001)	-	-	-	-	-	-	-
N-Methyl Perfluorooctanesulfonamidoacetic Acid (NMeFOSAA)	NA	ND (0.0002)	ND (0.0002)	-	-	-	-	-	-	-	ND (0.0002)	ND (0.0002)	-	-	-	-	-	-	-
N-Methylperfluorooctane sulfonamide (N-MeFOSA)	NA	ND (0.0002)	ND (0.0002)	-	-	-	-	-	-	-	ND (0.0002)	ND (0.0002)	-	-	-	-	-	-	-
N-Methylperfluorooctane sulfonamidoethanol (N-MeFOSE)	NA	ND (0.001)	ND (0.001)	-	-	-	-	-	-	-	ND (0.001)	ND (0.001)	-	-	-	-	-	-	-
Nonafluoro-3,6-dioxaheptanoic acid (NFDHA)	NA	ND (0.0002)	ND (0.0002)	-	-	-	-	-	-	-	ND (0.0002)	ND (0.0002)	-	-	-	-	-	-	-
Perfluoro(2-ethoxyethane) sulphonic acid (PFEESA)	NA	ND (0.0002)	ND (0.0002)	-	-	-	-	-	-	-	ND (0.0002)	ND (0.0002)	-	-	-	-	-	-	-
Perfluoro(4-methoxybutanoic) acid (PFMBA)	NA	ND (0.0002)	ND (0.0002)	-	-	-	-	-	-	-	ND (0.0002)	ND (0.0002)	-	-	-	-	-	-	-
Perfluoro-2-propoxypropanoic acid (PFPrOPrA)(GenX) (HFPO-DA)	NA	ND (0.0002)	ND (0.0002)	-	-	-	-	-	-	-	ND (0.0002)	ND (0.0002)	-	-	-	-	-	-	-
Perfluoro-3-methoxypropanoic acid (PFMPA)	NA	ND (0.0002)	ND (0.0002)	-	-	-	-	-	-	-	ND (0.0002)	ND (0.0002)	-	-	-	-	-	-	-
Perfluorobutanesulfonic acid (PFBS)	NA	ND (0.0002)	ND (0.0002)	-	-	-	-	-	-	-	ND (0.0002)	ND (0.0002)	-	-	-	-	-	-	-
Perfluorobutanoic acid (PFBA)	NA	ND (0.0004)	ND (0.0004)	-	-	-	-	-	-	-	ND (0.0004)	ND (0.0004)	-	-	-	-	-	-	-
Perfluorodecanesulfonic acid (PFDS)	NA	ND (0.0002)	ND (0.0002)	-	-	-	-	-	-	-	ND (0.0002)	ND (0.0002)	-	-	-	-	-	-	-
Perfluorodecanoic acid (PFDA)	NA	0.00125	0.00022	-	-	-	-	-	-	-	0.00042	0.00022	-	-	-	-	-	-	-
Perfluorododecane sulfonic acid (PFDoDS)	NA	ND (0.0002)	ND (0.0002)	-	-	-	-	-	-	-	ND (0.0002)	ND (0.0002)	-	-	-	-	-	-	-
Perfluorododecanoic acid (PFDoDA)	NA	0.0007	0.00034	-	-	-	-	-	-	-	0.00024	0.00019 J	-	-	-	-	-	-	-
Perfluoroheptanesulfonic acid (PFHpS)	NA	ND (0.0002)	ND (0.0002)	-	-	-	-	-	-	-	ND (0.0002)	ND (0.0002)	-	-	-	-	-	-	-
Perfluoroheptanoic acid (PFHpA)	NA	0.00031	ND (0.0002)	-	-	-	-	-	-	-	ND (0.0002)	ND (0.0002)	-	-	-	-	-	-	-
Perfluorohexanesulfonic acid (PFHxS)	NA	ND (0.0002)	ND (0.0002)	-	-	-	-	-	-	-	ND (0.0002)	ND (0.0002)	-	-	-	-	-	-	-
Perfluorohexanoic acid (PFHxA)	NA	ND (0.0002)	ND (0.0002)	-	-	-	-	-	-	-	ND (0.0002)	ND (0.0002)	-	-	-	-	-	-	-
Perfluorononane sulfonic acid (PFNS)	NA	ND (0.0002)	ND (0.0002)	-	-	-	-	-	-	-	ND (0.0002)	ND (0.0002)	-	-	-	-	-	-	-
Perfluorononanoic acid (PFNA)	NA	0.0019	0.00033	-	-	-	-	-	-	-	0.00179	0.00064	-	-	-	-	-	-	-
Perfluorooctane sulfonamide (PFOSA)	NA	ND (0.0002)	ND (0.0002)	-	-	-	-	-	-	-	ND (0.0002)	ND (0.0002)	-	-	-	-	-	-	-
Perfluorooctanesulfonic acid (PFOS)	0.44	ND (0.0002)	ND (0.0002)	-	-	-	-	-	-	-	ND (0.0002)	0.00012 J	-	-	-	-	-	-	-
Perfluorooctanoic acid (PFOA)	0.5	0.00046	0.00008 J	-	-	-	-	-	-	-	0.00025	0.00017 J	-	-	-	-	-	-	-
Perfluoropentanesulfonic acid (PFPeS)	NA	ND (0.0002)	ND (0.0002)	-	-	-	-	-	-	-	ND (0.0002)	ND (0.0002)	-	-	-	-	-	-	-
Perfluoropentanoic acid (PFPeA)	NA	0.00011 J	ND (0.0002)	-	-	-	-	-	-	-	ND (0.0002)	ND (0.0002)	-	-	-	-	-	-	-
Perfluorotetradecanoic acid (PFTeDA)	NA	0.00019 J	ND (0.0002)	-	-	-	-	-	-	-	ND (0.0002)	ND (0.0002)	-	-	-	-	-	-	-
Perfluorotridecanoic acid (PFTrDA)	NA	0.00197	0.00128	-	-	-	-	-	-	-	0.00105	0.00108	-	-	-	-	-	-	-
Perfluoroundecanoic acid (PFUnDA)	NA	0.00257	0.0017	-	-	-	-	-	-	-	0.0022	0.00252	-	-	-	-	-	-	-
Pesticides (mg/kg)																			
4,4'-DDD	92	ND (0.0076)	ND (0.0075)	-	-	-	-	-	-	-	ND (0.0073)	ND (0.0074)	-	-	-	-	-	-	-
4,4'-DDE	62	ND (0.0076)	ND (0.0075)	-	-	-	-	-	-	-	ND (0.0073)	ND (0.0074)	-	-	-	-	-	-	-
4,4'-DDT	47	ND (0.0076)	ND (0.0075)	-	-	-	-	-	-	-	ND (0.0073)	ND (0.0074)	-	-	-	-	-	-	-
Aldrin	0.68	ND (0.0076)	ND (0.0075)	-	-	-	-	-	-	-	ND (0.0073)	ND (0.0074)	-	-	-	-	-	-	-
alpha-BHC	3.4	ND (0.0023)	ND (0.0022)	-	-	-	-	-	-	-	ND (0.0022)	ND (0.0022)	-	-	-	-	-	-	-
alpha-Chlordane (cis)	24	ND (0.0076)	ND (0.0075)	-	-	-	-	-	-	-	ND (0.0073)	ND (0.0074)	-	-	-	-	-	-	-
beta-BHC	3	ND (0.0023)	ND (0.0022)	-	-	-	-	-	-	-	ND (0.0022)	ND (0.0022)	-	-	-	-	-	-	-
Chlordane	NA	ND (0.076)	ND (0.075)	-	-	-	-	-	-	-	ND (0.073)	ND (0.074)	-	-	-	-	-	-	-
delta-BHC	500	ND (0.0023)	ND (0.0022)	-	-	-	-	-	-	-	ND (0.0022)	ND (0.0022)	-	-	-	-	-	-	-
Dieldrin	1.4	ND (0.0023)	ND (0.0022)	-	-	-	-	-	-	-	ND (0.0022)	ND (0.0022)	-	-	-	-	-	-	-
Endosulfan I	200	ND (0.0076)	ND (0.0075)	-	-	-	-	-	-	-	ND (0.0073)	ND (0.0074)	-	-	-	-	-	-	-
Endosulfan II	200	ND (0.0076)	ND (0.0075)	-	-	-	-	-	-	-	ND (0.0073)	ND (0.0074)	-	-	-	-	-	-	-
Endosulfan sulfate	200	ND (0.0076)	ND (0.0075)	-	-	-	-	-	-	-	ND (0.0073)	ND (0.0074)	-	-	-	-	-	-	-
Endrin	89	ND (0.0076)	ND (0.0075)	-	-	-	-	-	-	-	ND (0.0073)	ND (0.0074)	-	-	-	-	-	-	-
Endrin aldehyde	NA	ND (0.0076)	ND (0.0075)	-	-	-	-	-	-	-	ND (0.0073)	ND (0.0074)	-	-	-	-	-	-	-
Endrin ketone	NA	ND (0.0076)	ND (0.0075)	-	-	-	-	-	-	-	ND (0.0073)	ND (0.0074)	-	-	-	-	-	-	-
gamma-BHC (Lindane)	9.2	ND (0.0023)	ND (0.0022)	-	-	-	-	-	-	-	ND (0.0022)	ND (0.0022)	-	-	-	-	-	-	-
Heptachlor	15	ND (0.0076)	ND (0.0075)	-	-	-	-	-	-	-	ND (0.0073)	ND (0.0074)	-	-	-	-	-	-	-
Heptachlor epoxide	NA	ND (0.0076)	ND (0.0075)	-	-	-	-	-	-	-	ND (0.0073)	ND (0.0074)	-	-	-	-	-	-	-
Methoxychlor	NA	ND (0.0076)	ND (0.0075)	-	-	-	-	-	-	-	ND (0.0073)	ND (0.0074)	-	-	-	-	-	-	-
Toxaphene	NA	ND (0.076)	ND (0.075)	-	-	-	-	-	-	-	ND (0.073)	ND (0.074)	-	-	-	-	-	-	-

TABLE 5
SUMMARY OF SOIL QUALITY DATA - BERM 5
FORMER PORT MOBIL TERMINAL
STATEN ISLAND, NEW YORK
FILE NO. 0208998

	Criteria																		
Location Name	NY Part 375	5C	5C	5C1	5C1	5C2	5C2	5C3	5C3	5C3	5D	5D	5D1	5D1	5D2	5D2	5D2	5D3	5D3
Sample Name	Commercial	5C_0-5	5C_5-10	5C1_1-2	5C1_5-6	5C2_3-4	5C2_6-7	5C3_4-5	5C3_8-9	5C3_9-10	5D_0-5	5D_5-10	5D1_1-2	5D1_5-6	5D2_3-4	5D2_7-8	5D2_9-10	5D3_4-5	5D3_8-9
Sample Date	Use	10/08/2025	10/08/2025	10/08/2025	10/08/2025	10/08/2025	10/08/2025	10/08/2025	10/08/2025	10/08/2025	10/08/2025	10/08/2025	10/08/2025	10/08/2025	10/08/2025	10/08/2025	10/08/2025	10/08/2025	10/08/2025
Lab Sample ID	Soil Cleanup	460-336761-9	460-336761-10	460-336761-49	460-336761-52	460-336761-50	460-336761-53	460-336761-51	460-336761-54	460-336761-55	460-336761-11	460-336761-12	460-336761-56	460-336761-59	460-336761-57	460-336761-60	460-336761-62	460-336761-58	460-336761-61
Sample Depth (bgs)	Objectives	0 - 5 (ft)	5 - 10 (ft)	1 - 2 (ft)	5 - 6 (ft)	3 - 4 (ft)	6 - 7 (ft)	4 - 5 (ft)	8 - 9 (ft)	9 - 10 (ft)	0 - 5 (ft)	5 - 10 (ft)	1 - 2 (ft)	5 - 6 (ft)	3 - 4 (ft)	7 - 8 (ft)	9 - 10 (ft)	4 - 5 (ft)	8 - 9 (ft)
Polychlorinated Biphenyls (mg/kg)																			
Aroclor-1016 (PCB-1016)	NA	ND (0.076)	ND (0.075)	-	-	-	-	-	-	-	ND (0.073)	ND (0.074)	-	-	-	-	-	-	-
Aroclor-1221 (PCB-1221)	NA	ND (0.076)	ND (0.075)	-	-	-	-	-	-	-	ND (0.073)	ND (0.074)	-	-	-	-	-	-	-
Aroclor-1232 (PCB-1232)	NA	ND (0.076)	ND (0.075)	-	-	-	-	-	-	-	ND (0.073)	ND (0.074)	-	-	-	-	-	-	-
Aroclor-1242 (PCB-1242)	NA	ND (0.076)	ND (0.075)	-	-	-	-	-	-	-	ND (0.073)	ND (0.074)	-	-	-	-	-	-	-
Aroclor-1248 (PCB-1248)	NA	ND (0.076)	ND (0.075)	-	-	-	-	-	-	-	ND (0.073)	ND (0.074)	-	-	-	-	-	-	-
Aroclor-1254 (PCB-1254)	NA	ND (0.076)	ND (0.075)	-	-	-	-	-	-	-	ND (0.073)	ND (0.074)	-	-	-	-	-	-	-
Aroclor-1260 (PCB-1260)	NA	ND (0.076)	ND (0.075)	-	-	-	-	-	-	-	ND (0.073)	ND (0.074)	-	-	-	-	-	-	-
Aroclor-1262 (PCB-1262)	NA	ND (0.076)	ND (0.075)	-	-	-	-	-	-	-	ND (0.073)	ND (0.074)	-	-	-	-	-	-	-
Aroclor-1268 (PCB-1268)	NA	ND (0.076)	ND (0.075)	-	-	-	-	-	-	-	ND (0.073)	ND (0.074)	-	-	-	-	-	-	-
Total PCBs	1	ND (0.076)	ND (0.075)	-	-	-	-	-	-	-	ND (0.073)	ND (0.074)	-	-	-	-	-	-	-
Inorganic Compounds (mg/kg)																			
Aluminum	NA	6800	5740	-	-	-	-	-	-	-	10200	11600	-	-	-	-	-	-	-
Antimony	NA	0.62 J	0.87 J	-	-	-	-	-	-	-	2.2	3	-	-	-	-	-	-	-
Arsenic	16	5.7	6.3	-	-	-	-	-	-	-	7.5	7.4	-	-	-	-	-	-	-
Barium	400	65.2	48.4	-	-	-	-	-	-	-	78.4	118	-	-	-	-	-	-	-
Beryllium	590	0.84	0.66	-	-	-	-	-	-	-	2.4	5.8	-	-	-	-	-	-	-
Cadmium	9.3	0.23 J	0.29 J	-	-	-	-	-	-	-	0.27 J	0.42 J	-	-	-	-	-	-	-
Calcium	NA	1610	1220	-	-	-	-	-	-	-	2390	3160	-	-	-	-	-	-	-
Chromium	NA	33.7	23.1	-	-	-	-	-	-	-	38.4	87.9	-	-	-	-	-	-	-
Cobalt	NA	12.3	6.5	-	-	-	-	-	-	-	9.4	22	-	-	-	-	-	-	-
Copper	270	82.9	45.3	-	-	-	-	-	-	-	65	223	-	-	-	-	-	-	-
Iron	NA	21300	17200	-	-	-	-	-	-	-	25900	31200	-	-	-	-	-	-	-
Lead	1000	89.2	139	-	-	-	-	-	-	-	343	715	-	-	-	-	-	-	-
Magnesium	NA	2570	1590	-	-	-	-	-	-	-	2870	2540	-	-	-	-	-	-	-
Manganese	10000	246	176	-	-	-	-	-	-	-	289	259	-	-	-	-	-	-	-
Mercury	2.8	0.042	0.048	-	-	-	-	-	-	-	0.026	0.03	-	-	-	-	-	-	-
Nickel	310	50	19.6	-	-	-	-	-	-	-	29.2	104	-	-	-	-	-	-	-
Potassium	NA	1040	825	-	-	-	-	-	-	-	1660	1680	-	-	-	-	-	-	-
Selenium	1500	0.43 J	0.22 J	-	-	-	-	-	-	-	0.49 J	0.72 J	-	-	-	-	-	-	-
Silver	1500	0.16 J	0.21 J	-	-	-	-	-	-	-	0.23 J	0.35	-	-	-	-	-	-	-
Sodium	NA	102 J	82.9 J	-	-	-	-	-	-	-	175	307	-	-	-	-	-	-	-
Thallium	NA	0.11 J	0.075 J	-	-	-	-	-	-	-	0.12 J	0.13 J	-	-	-	-	-	-	-
Vanadium	NA	22.5	21.1	-	-	-	-	-	-	-	31.4	32	-	-	-	-	-	-	-
Zinc	10000	204	139	-	-	-	-	-	-	-	264	1010	-	-	-	-	-	-	-

ABBREVIATIONS AND NOTES:

mg/kg: milligram per kilogram

**: LCS or LCSD is outside acceptance limits.*
-: Not Analyzed
B: Compound was found in the blank and the associated sample.
bgs: below ground surface
ft: feet
J: Value is estimated.
NA: Not Applicable
ND (2.5): Not detected, number in parentheses is the laboratory reporting limit

- For test methods used, see the laboratory data sheets.
- Soil analytical results are compared to the New York State Department of Environmental Conservation (NYSDEC) Title 6 of the Official Compilation of New York Codes, Rules, and Regulations (NYCRR) Part 375 Commercial Use Soil Cleanup Objectives (SCO).
- Grey shading indicates an exceedance of the Commercial Use Soil Cleanup Objectives.

TABLE 5
SUMMARY OF SOIL QUALITY DATA - BERM 5
FORMER PORT MOBIL TERMINAL
STATEN ISLAND, NEW YORK
FILE NO. 0208998

	Criteria									
Location Name	NY Part 375	5E	5E	5E	5E	5E	5E	5E	5E	5E
Sample Name	Commercial	5E_0-5	5E_5-10	5E1_1-2	5E1_6-7	5E1_9-10	5E2_3-4	5E2_7-8	5E3_4-5	5E3_8-9
Sample Date	Use	10/08/2025	10/08/2025	10/08/2025	10/08/2025	10/08/2025	10/08/2025	10/08/2025	10/08/2025	10/08/2025
Lab Sample ID	Soil Cleanup	460-336761-13	460-336761-14	460-336761-63	460-336761-66	460-336761-69	460-336761-64	460-336761-67	460-336761-65	460-336761-68
Sample Depth (bgs)	Objectives	0 - 5 (ft)	5 - 10 (ft)	1 - 2 (ft)	6 - 7 (ft)	9 - 10 (ft)	3 - 4 (ft)	7 - 8 (ft)	4 - 5 (ft)	8 - 9 (ft)
Volatile Organic Compounds (mg/kg)										
1,1,1-Trichloroethane	500	-	-	ND (0.001)	ND (0.00091)	ND (0.0012)	ND (0.0011)	ND (0.001)	ND (0.0015)	ND (0.00084)
1,1,2,2-Tetrachloroethane	NA	-	-	ND (0.001)	ND (0.00091)	ND (0.0012)	ND (0.0011)	ND (0.001)	ND (0.0015)	ND (0.00084)
1,1,2-Trichloroethane	NA	-	-	ND (0.001)	ND (0.00091)	ND (0.0012)	ND (0.0011)	ND (0.001)	ND (0.0015)	ND (0.00084)
1,1-Dichloroethane	240	-	-	ND (0.001)	ND (0.00091)	ND (0.0012)	ND (0.0011)	ND (0.001)	ND (0.0015)	ND (0.00084)
1,1-Dichloroethene	500	-	-	ND (0.001)	ND (0.00091)	ND (0.0012)	ND (0.0011)	ND (0.001)	ND (0.0015)	ND (0.00084)
1,2,3-Trichlorobenzene	NA	-	-	ND (0.001)	ND (0.00091)	ND (0.0012)	ND (0.0011)	ND (0.001)	ND (0.0015)	ND (0.00084)
1,2,4-Trichlorobenzene	NA	-	-	ND (0.001)	ND (0.00091)	ND (0.0012)	ND (0.0011)	ND (0.001)	ND (0.0015)	ND (0.00084)
1,2,4-Trimethylbenzene	190	-	-	ND (0.001)	ND (0.00091)	ND (0.0012)	ND (0.0011)	ND (0.001)	ND (0.0015)	ND (0.00084)
1,2-Dibromo-3-chloropropane (DBCP)	NA	-	-	ND (0.001)	ND (0.00091)	ND (0.0012)	ND (0.0011)	ND (0.001)	ND (0.0015)	ND (0.00084)
1,2-Dibromoethane (Ethylene Dibromide)	NA	-	-	ND (0.001)	ND (0.00091)	ND (0.0012)	ND (0.0011)	ND (0.001)	ND (0.0015)	ND (0.00084)
1,2-Dichlorobenzene	500	-	-	ND (0.001)	ND (0.00091)	ND (0.0012)	ND (0.0011)	ND (0.001)	ND (0.0015)	ND (0.00084)
1,2-Dichloroethane	30	-	-	ND (0.001)	ND (0.00091)	ND (0.0012)	ND (0.0011)	ND (0.001)	ND (0.0015)	ND (0.00084)
1,2-Dichloropropane	NA	-	-	ND (0.001)	ND (0.00091)	ND (0.0012)	ND (0.0011)	ND (0.001)	ND (0.0015)	ND (0.00084)
1,3,5-Trimethylbenzene	190	-	-	ND (0.001)	ND (0.00091)	ND (0.0012)	ND (0.0011)	ND (0.001)	ND (0.0015)	ND (0.00084)
1,3-Dichlorobenzene	280	-	-	ND (0.001)	ND (0.00091)	ND (0.0012)	ND (0.0011)	ND (0.001)	ND (0.0015)	ND (0.00084)
1,4-Dichlorobenzene	130	-	-	ND (0.001)	ND (0.00091)	ND (0.0012)	ND (0.0011)	ND (0.001)	ND (0.0015)	ND (0.00084)
2-Butanone (Methyl Ethyl Ketone)	500	-	-	ND (0.005)	ND (0.0046)	ND (0.0058)	ND (0.0054)	ND (0.0051)	ND (0.0075)	ND (0.0042)
2-Hexanone (Methyl Butyl Ketone)	NA	-	-	ND (0.005)	ND (0.0046)	ND (0.0058)	ND (0.0054)	ND (0.0051)	ND (0.0075)	ND (0.0042)
2-Phenylbutane (sec-Butylbenzene)	500	-	-	ND (0.001)	ND (0.00091)	ND (0.0012)	ND (0.0011)	ND (0.001)	ND (0.0015)	ND (0.00084)
4-Methyl-2-Pentanone (Methyl Isobutyl Ketone)	NA	-	-	ND (0.005)	ND (0.0046)	ND (0.0058)	ND (0.0054)	ND (0.0051)	ND (0.0075)	ND (0.0042)
Acetone	500	-	-	ND (0.006)	ND (0.0055)	ND (0.007)	ND (0.0065)	0.14	ND (0.009)	ND (0.005)
Benzene	44	-	-	ND (0.001)	ND (0.00091)	ND (0.0012)	ND (0.0011)	ND (0.001)	ND (0.0015)	ND (0.00084)
Bromodichloromethane	NA	-	-	ND (0.001)	ND (0.00091)	ND (0.0012)	ND (0.0011)	ND (0.001)	ND (0.0015)	ND (0.00084)
Bromoform	NA	-	-	ND (0.001)	ND (0.00091)	ND (0.0012)	ND (0.0011)	ND (0.001)	ND (0.0015)	ND (0.00084)
Bromomethane (Methyl Bromide)	NA	-	-	ND (0.002) *	ND (0.0018) *	ND (0.0023) *	ND (0.0022) *	ND (0.0021) *	ND (0.003) *	ND (0.0017) *
Carbon disulfide	NA	-	-	ND (0.001)	ND (0.00091)	ND (0.0012)	ND (0.0011)	ND (0.001)	ND (0.0015)	ND (0.00084)
Carbon tetrachloride	22	-	-	ND (0.001)	ND (0.00091)	ND (0.0012)	ND (0.0011)	ND (0.001)	ND (0.0015)	ND (0.00084)
Chlorobenzene	500	-	-	ND (0.001)	ND (0.00091)	ND (0.0012)	ND (0.0011)	ND (0.001)	ND (0.0015)	ND (0.00084)
Chlorobromomethane	NA	-	-	ND (0.001)	ND (0.00091)	ND (0.0012)	ND (0.0011)	ND (0.001)	ND (0.0015)	ND (0.00084)
Chloroethane	NA	-	-	ND (0.001)	ND (0.00091)	ND (0.0012)	ND (0.0011)	ND (0.001)	ND (0.0015)	ND (0.00084)
Chloroform (Trichloromethane)	350	-	-	ND (0.001)	ND (0.00091)	ND (0.0012)	ND (0.0011)	ND (0.001)	ND (0.0015)	ND (0.00084)
Chloromethane (Methyl Chloride)	NA	-	-	ND (0.001)	ND (0.00091)	ND (0.0012)	ND (0.0011)	ND (0.001)	ND (0.0015)	ND (0.00084)
cis-1,2-Dichloroethene	500	-	-	ND (0.001)	ND (0.00091)	ND (0.0012)	ND (0.0011)	ND (0.001)	ND (0.0015)	ND (0.00084)
cis-1,3-Dichloropropene	NA	-	-	ND (0.001)	ND (0.00091)	ND (0.0012)	ND (0.0011)	ND (0.001)	ND (0.0015)	ND (0.00084)
Cyclohexane	NA	-	-	ND (0.001)	ND (0.00091)	ND (0.0012)	ND (0.0011)	ND (0.001)	ND (0.0015)	ND (0.00084)
Dibromochloromethane	NA	-	-	ND (0.001)	ND (0.00091)	ND (0.0012)	ND (0.0011)	ND (0.001)	ND (0.0015)	ND (0.00084)
Dichlorodifluoromethane (CFC-12)	NA	-	-	ND (0.001)	ND (0.00091)	ND (0.0012)	ND (0.0011)	ND (0.001)	ND (0.0015)	ND (0.00084)
Ethylbenzene	390	-	-	ND (0.001)	ND (0.00091)	ND (0.0012)	ND (0.0011)	ND (0.001)	ND (0.0015)	ND (0.00084)
Isopropylbenzene (Cumene)	NA	-	-	ND (0.001)	ND (0.00091)	ND (0.0012)	ND (0.0011)	ND (0.001)	ND (0.0015)	ND (0.00084)
m,p-Xylenes	NA	-	-	ND (0.001)	ND (0.00091)	ND (0.0012)	ND (0.0011)	ND (0.001)	ND (0.0015)	ND (0.00084)
Methyl acetate	NA	-	-	ND (0.005)	ND (0.0046)	ND (0.0058)	ND (0.0054)	ND (0.0051)	ND (0.0075)	ND (0.0042)
Methyl Tert Butyl Ether (MTBE)	500	-	-	ND (0.001)	ND (0.00091)	ND (0.0012)	ND (0.0011)	ND (0.001)	ND (0.0015)	ND (0.00084)
Methylcyclohexane	NA	-	-	ND (0.001)	ND (0.00091)	ND (0.0012)	ND (0.0011)	ND (0.001)	ND (0.0015)	ND (0.00084)
Methylene chloride (Dichloromethane)	500	-	-	ND (0.002)	ND (0.0018)	ND (0.0023)	0.0016 J	ND (0.0021)	ND (0.003)	ND (0.0017)
n-Butylbenzene	500	-	-	ND (0.001)	ND (0.00091)	ND (0.0012)	ND (0.0011)	ND (0.001)	ND (0.0015)	ND (0.00084)
n-Propylbenzene	500	-	-	ND (0.001)	ND (0.00091)	ND (0.0012)	ND (0.0011)	ND (0.001)	ND (0.0015)	ND (0.00084)
o-Xylene	NA	-	-	ND (0.001)	ND (0.00091)	ND (0.0012)	ND (0.0011)	ND (0.001)	ND (0.0015)	ND (0.00084)
Styrene	NA	-	-	ND (0.001)	ND (0.00091)	ND (0.0012)	ND (0.0011)	ND (0.001)	ND (0.0015)	ND (0.00084)
tert-Butylbenzene	500	-	-	ND (0.001)	ND (0.00091)	ND (0.0012)	ND (0.0011)	ND (0.001)	ND (0.0015)	ND (0.00084)
Tetrachloroethene	150	-	-	ND (0.001)	ND (0.00091)	ND (0.0012)	ND (0.0011)	ND (0.001)	ND (0.0015)	ND (0.00084)
Toluene	500	-	-	ND (0.001)	ND (0.00091)	0.00045 J	0.00045 J	ND (0.001)	ND (0.0015)	ND (0.00084)
trans-1,2-Dichloroethene	500	-	-	ND (0.001)	ND (0.00091)	ND (0.0012)	ND (0.0011)	ND (0.001)	ND (0.0015)	ND (0.00084)
trans-1,3-Dichloropropene	NA	-	-	ND (0.001) *	ND (0.00091) *	ND (0.0012) *	ND (0.0011) *	ND (0.001) *	ND (0.0015) *	ND (0.00084) *
Trichloroethene	200	-	-	ND (0.001)	ND (0.00091)	ND (0.0012)	ND (0.0011)	ND (0.001)	ND (0.0015)	ND (0.00084)
Trichlorofluoromethane (CFC-11)	NA	-	-	ND (0.001)	ND (0.00091)	ND (0.0012)	ND (0.0011)	ND (0.001)	ND (0.0015)	ND (0.00084)
Trifluorotrichloroethane (Freon 113)	NA	-	-	ND (0.001)	ND (0.00091)	ND (0.0012)	ND (0.0011)	ND (0.001)	ND (0.0015)	ND (0.00084)
Vinyl chloride	13	-	-	ND (0.001)	ND (0.00091)	ND (0.0012)	ND (0.0011)	ND (0.001)	ND (0.0015)	ND (0.00084)
Xylene (Total)	500	-	-	ND (0.002)	ND (0.0018)	ND (0.0023)	ND (0.0022)	ND (0.0021)	ND (0.003)	ND (0.0017)

TABLE 5
SUMMARY OF SOIL QUALITY DATA - BERM 5
FORMER PORT MOBIL TERMINAL
STATEN ISLAND, NEW YORK
FILE NO. 0208998

	Criteria									
Location Name	NY Part 375	5E	5E	5E	5E	5E	5E	5E	5E	5E
Sample Name	Commercial	5E_0-5	5E_5-10	5E1_1-2	5E1_6-7	5E1_9-10	5E2_3-4	5E2_7-8	5E3_4-5	5E3_8-9
Sample Date	Use	10/08/2025	10/08/2025	10/08/2025	10/08/2025	10/08/2025	10/08/2025	10/08/2025	10/08/2025	10/08/2025
Lab Sample ID	Soil Cleanup	460-336761-13	460-336761-14	460-336761-63	460-336761-66	460-336761-69	460-336761-64	460-336761-67	460-336761-65	460-336761-68
Sample Depth (bgs)	Objectives	0 - 5 (ft)	5 - 10 (ft)	1 - 2 (ft)	6 - 7 (ft)	9 - 10 (ft)	3 - 4 (ft)	7 - 8 (ft)	4 - 5 (ft)	8 - 9 (ft)
Semi-Volatile Organic Compounds (mg/kg)										
1,2,4,5-Tetrachlorobenzene	NA	ND (0.36)	ND (0.37)	-	-	-	-	-	-	-
1,4-Dioxane	130	ND (0.036)	ND (0.037)	-	-	-	-	-	-	-
2,2'-oxybis(1-Chloropropane)	NA	ND (0.36)	ND (0.37)	-	-	-	-	-	-	-
2,3,4,6-Tetrachlorophenol	NA	ND (0.36)	ND (0.37)	-	-	-	-	-	-	-
2,4,5-Trichlorophenol	NA	ND (0.36)	ND (0.37)	-	-	-	-	-	-	-
2,4,6-Trichlorophenol	NA	ND (0.14)	ND (0.15)	-	-	-	-	-	-	-
2,4-Dichlorophenol	NA	ND (0.14)	ND (0.15)	-	-	-	-	-	-	-
2,4-Dimethylphenol	NA	ND (0.36)	ND (0.37)	-	-	-	-	-	-	-
2,4-Dinitrophenol	NA	ND (0.29)	ND (0.3)	-	-	-	-	-	-	-
2,4-Dinitrotoluene	NA	ND (0.073)	ND (0.075)	-	-	-	-	-	-	-
2,6-Dinitrotoluene	NA	ND (0.073)	ND (0.075)	-	-	-	-	-	-	-
2-Chloronaphthalene	NA	ND (0.36)	ND (0.37)	-	-	-	-	-	-	-
2-Chlorophenol	NA	ND (0.36)	ND (0.37)	-	-	-	-	-	-	-
2-Methylnaphthalene	NA	ND (0.36)	ND (0.37)	-	-	-	-	-	-	-
2-Methylphenol (o-Cresol)	500	ND (0.36)	ND (0.37)	-	-	-	-	-	-	-
2-Nitroaniline	NA	ND (0.36)	ND (0.37)	-	-	-	-	-	-	-
2-Nitrophenol	NA	ND (0.36)	ND (0.37)	-	-	-	-	-	-	-
3&4-Methylphenol	NA	ND (0.36)	ND (0.37)	-	-	-	-	-	-	-
3,3'-Dichlorobenzidine	NA	ND (0.14)	ND (0.15)	-	-	-	-	-	-	-
3-Nitroaniline	NA	ND (0.36)	ND (0.37)	-	-	-	-	-	-	-
4,6-Dinitro-2-methylphenol	NA	ND (0.29)	ND (0.3)	-	-	-	-	-	-	-
4-Bromophenyl phenyl ether (BDE-3)	NA	ND (0.36)	ND (0.37)	-	-	-	-	-	-	-
4-Chloro-3-methylphenol	NA	ND (0.36)	ND (0.37)	-	-	-	-	-	-	-
4-Chloroaniline	NA	ND (0.36)	ND (0.37)	-	-	-	-	-	-	-
4-Chlorophenyl phenyl ether	NA	ND (0.36)	ND (0.37)	-	-	-	-	-	-	-
4-Methylphenol	500	ND (0.36)	ND (0.37)	-	-	-	-	-	-	-
4-Nitroaniline	NA	ND (0.36)	ND (0.37)	-	-	-	-	-	-	-
4-Nitrophenol	NA	ND (0.73)	ND (0.75)	-	-	-	-	-	-	-
Acenaphthene	500	ND (0.36)	ND (0.37)	-	-	-	-	-	-	-
Acenaphthylene	500	ND (0.36)	ND (0.37)	-	-	-	-	-	-	-
Acetophenone	NA	ND (0.36)	ND (0.37)	-	-	-	-	-	-	-
Anthracene	500	ND (0.36)	ND (0.37)	-	-	-	-	-	-	-
Atrazine	NA	ND (0.14)	ND (0.15)	-	-	-	-	-	-	-
Benzaldehyde	NA	ND (0.36)	ND (0.37)	-	-	-	-	-	-	-
Benzo(a)anthracene	5.6	ND (0.036)	ND (0.037)	-	-	-	-	-	-	-
Benzo(a)pyrene	1	0.024 J	0.03 J	-	-	-	-	-	-	-
Benzo(b)fluoranthene	5.6	0.032 J	0.041	-	-	-	-	-	-	-
Benzo(g,h,i)perylene	500	0.021 J	0.035 J	-	-	-	-	-	-	-
Benzo(k)fluoranthene	56	0.01 J	0.017 J	-	-	-	-	-	-	-
Biphenyl	NA	ND (0.36)	ND (0.37)	-	-	-	-	-	-	-
bis(2-Chloroethoxy)methane	NA	ND (0.36)	ND (0.37)	-	-	-	-	-	-	-
bis(2-Chloroethyl)ether	NA	ND (0.036)	ND (0.037)	-	-	-	-	-	-	-
bis(2-Ethylhexyl)phthalate	NA	ND (0.36)	ND (0.37)	-	-	-	-	-	-	-
Butyl benzylphthalate (BBP)	NA	ND (0.36)	ND (0.37)	-	-	-	-	-	-	-
Caprolactam	NA	ND (0.36)	ND (0.37)	-	-	-	-	-	-	-
Carbazole	NA	ND (0.36)	ND (0.37)	-	-	-	-	-	-	-
Chrysene	56	0.024 J	0.033 J	-	-	-	-	-	-	-
Dibenz(a,h)anthracene	0.56	ND (0.036)	0.016 J	-	-	-	-	-	-	-
Dibenzofuran	350	ND (0.36)	ND (0.37)	-	-	-	-	-	-	-
Diethyl phthalate	NA	ND (0.36)	ND (0.37)	-	-	-	-	-	-	-
Dimethyl phthalate	NA	ND (0.36)	ND (0.37)	-	-	-	-	-	-	-
Di-n-butylphthalate (DBP)	NA	0.017 J	0.026 J	-	-	-	-	-	-	-
Di-n-octyl phthalate (DnOP)	NA	ND (0.36)	ND (0.37)	-	-	-	-	-	-	-
Fluoranthene	500	0.031 J	0.029 J	-	-	-	-	-	-	-
Fluorene	500	ND (0.36)	ND (0.37)	-	-	-	-	-	-	-
Hexachlorobenzene	6	ND (0.036)	ND (0.037)	-	-	-	-	-	-	-
Hexachlorobutadiene	NA	ND (0.073)	ND (0.075)	-	-	-	-	-	-	-
Hexachlorocyclopentadiene	NA	ND (0.36)	ND (0.37)	-	-	-	-	-	-	-
Hexachloroethane	NA	ND (0.036)	ND (0.037)	-	-	-	-	-	-	-
Indeno(1,2,3-cd)pyrene	5.6	0.022 J	0.039	-	-	-	-	-	-	-
Isophorone	NA	ND (0.14)	ND (0.15)	-	-	-	-	-	-	-
Naphthalene	500	0.013 J	0.0078 J	-	-	-	-	-	-	-
Nitrobenzene	NA	ND (0.036)	ND (0.037)	-	-	-	-	-	-	-
N-Nitrosodi-n-propylamine	NA	ND (0.036)	ND (0.037)	-	-	-	-	-	-	-
N-Nitrosodiphenylamine	NA	ND (0.36)	ND (0.37)	-	-	-	-	-	-	-
Pentachlorophenol	6.7	ND (0.29)	ND (0.3)	-	-	-	-	-	-	-
Phenanthrene	500	0.02 J	0.015 J	-	-	-	-	-	-	-
Phenol	500	ND (0.36)	ND (0.37)	-	-	-	-	-	-	-
Pyrene	500	0.027 J	0.027 J	-	-	-	-	-	-	-

TABLE 5
SUMMARY OF SOIL QUALITY DATA - BERM 5
FORMER PORT MOBIL TERMINAL
STATEN ISLAND, NEW YORK
FILE NO. 0208998

	Criteria									
Location Name	NY Part 375	5E	5E	5E	5E	5E	5E	5E	5E	5E
Sample Name	Commercial	5E_0-5	5E_5-10	5E1_1-2	5E1_6-7	5E1_9-10	5E2_3-4	5E2_7-8	5E3_4-5	5E3_8-9
Sample Date	Use	10/08/2025	10/08/2025	10/08/2025	10/08/2025	10/08/2025	10/08/2025	10/08/2025	10/08/2025	10/08/2025
Lab Sample ID	Soil Cleanup	460-336761-13	460-336761-14	460-336761-63	460-336761-66	460-336761-69	460-336761-64	460-336761-67	460-336761-65	460-336761-68
Sample Depth (bgs)	Objectives	0 - 5 (ft)	5 - 10 (ft)	1 - 2 (ft)	6 - 7 (ft)	9 - 10 (ft)	3 - 4 (ft)	7 - 8 (ft)	4 - 5 (ft)	8 - 9 (ft)
PFAS (mg/kg)										
11-Chloroeicosafluoro-3-Oxaundecane-1-Sulfonic Acid (11Cl-PF3OUdS)	NA	ND (0.0002)	ND (0.0002)	-	-	-	-	-	-	-
2H,2H,3H,3H-Perfluorooctanoic acid (5:3 FTCA)	NA	ND (0.00099)	ND (0.00099)	-	-	-	-	-	-	-
3-(Perfluoroheptyl)propanoic acid (7:3 FTCA)	NA	ND (0.00099)	ND (0.00099)	-	-	-	-	-	-	-
3:3 Fluorotelomer carboxylic acid (3:3 FTCA)	NA	ND (0.0004)	ND (0.0004)	-	-	-	-	-	-	-
4,8-Dioxa-3H-Perfluorononanoic Acid (ADONA)	NA	ND (0.0002)	ND (0.0002)	-	-	-	-	-	-	-
4:2 Fluorotelomer sulfonic acid (4:2 FTS)	NA	ND (0.0004)	ND (0.0004)	-	-	-	-	-	-	-
6:2 Fluorotelomer sulfonic acid (6:2 FTS)	NA	ND (0.0004)	ND (0.0004)	-	-	-	-	-	-	-
8:2 Fluorotelomer sulfonic acid (8:2 FTS)	NA	0.00055	0.00041	-	-	-	-	-	-	-
9-Chlorohexadecafluoro-3-Oxanone-1-Sulfonic Acid (9Cl-PF3ONS)	NA	ND (0.0002)	ND (0.0002)	-	-	-	-	-	-	-
N-Ethyl Perfluorooctanesulfonamidoacetic Acid (NEtFOSAA)	NA	ND (0.0002)	ND (0.0002)	-	-	-	-	-	-	-
N-Ethylperfluorooctane sulfonamide (N-EtFOSA)	NA	ND (0.0002)	ND (0.0002)	-	-	-	-	-	-	-
N-Ethylperfluorooctane sulfonamidoethanol (N-EtFOSE)	NA	ND (0.00099)	ND (0.00099)	-	-	-	-	-	-	-
N-Methyl Perfluorooctanesulfonamidoacetic Acid (NMeFOSAA)	NA	ND (0.0002)	ND (0.0002)	-	-	-	-	-	-	-
N-Methylperfluorooctane sulfonamide (N-MeFOSA)	NA	ND (0.0002)	ND (0.0002)	-	-	-	-	-	-	-
N-Methylperfluorooctane sulfonamidoethanol (N-MeFOSE)	NA	ND (0.00099)	ND (0.00099)	-	-	-	-	-	-	-
Nonafluoro-3,6-dioxaheptanoic acid (NFDHA)	NA	ND (0.0002)	ND (0.0002)	-	-	-	-	-	-	-
Perfluoro(2-ethoxyethane) sulphonic acid (PFEESA)	NA	ND (0.0002)	ND (0.0002)	-	-	-	-	-	-	-
Perfluoro(4-methoxybutanoic) acid (PFMBA)	NA	ND (0.0002)	ND (0.0002)	-	-	-	-	-	-	-
Perfluoro-2-propoxypropanoic acid (PFPrOPrA)(GenX) (HFPO-DA)	NA	ND (0.0002)	ND (0.0002)	-	-	-	-	-	-	-
Perfluoro-3-methoxypropanoic acid (PFMPA)	NA	ND (0.0002)	ND (0.0002)	-	-	-	-	-	-	-
Perfluorobutanesulfonic acid (PFBS)	NA	ND (0.0002)	ND (0.0002)	-	-	-	-	-	-	-
Perfluorobutanoic acid (PFBA)	NA	ND (0.0004)	ND (0.0004)	-	-	-	-	-	-	-
Perfluorodecanesulfonic acid (PFDS)	NA	ND (0.0002)	ND (0.0002)	-	-	-	-	-	-	-
Perfluorodecanoic acid (PFDA)	NA	0.00034	0.00011 J	-	-	-	-	-	-	-
Perfluorododecane sulfonic acid (PFDoDS)	NA	ND (0.0002)	ND (0.0002)	-	-	-	-	-	-	-
Perfluorododecanoic acid (PFDoDA)	NA	0.00023	0.00016 J	-	-	-	-	-	-	-
Perfluoroheptanesulfonic acid (PFHpS)	NA	ND (0.0002)	ND (0.0002)	-	-	-	-	-	-	-
Perfluoroheptanoic acid (PFHpA)	NA	0.0001 J	ND (0.0002)	-	-	-	-	-	-	-
Perfluorohexanesulfonic acid (PFHxS)	NA	ND (0.0002)	ND (0.0002)	-	-	-	-	-	-	-
Perfluorohexanoic acid (PFHxA)	NA	ND (0.0002)	ND (0.0002)	-	-	-	-	-	-	-
Perfluorononane sulfonic acid (PFNS)	NA	ND (0.0002)	ND (0.0002)	-	-	-	-	-	-	-
Perfluorononanoic acid (PFNA)	NA	0.00066	0.00029	-	-	-	-	-	-	-
Perfluorooctane sulfonamide (PFOSA)	NA	ND (0.0002)	ND (0.0002)	-	-	-	-	-	-	-
Perfluorooctanesulfonic acid (PFOS)	0.44	ND (0.0002)	ND (0.0002)	-	-	-	-	-	-	-
Perfluorooctanoic acid (PFOA)	0.5	0.00015 J	0.00012 J	-	-	-	-	-	-	-
Perfluoropentanesulfonic acid (PFPeS)	NA	ND (0.0002)	ND (0.0002)	-	-	-	-	-	-	-
Perfluoropentanoic acid (PFPeA)	NA	ND (0.0002)	ND (0.0002)	-	-	-	-	-	-	-
Perfluorotetradecanoic acid (PFTeDA)	NA	ND (0.0002)	ND (0.0002)	-	-	-	-	-	-	-
Perfluorotridecanoic acid (PFTrDA)	NA	0.00227	0.00153	-	-	-	-	-	-	-
Perfluoroundecanoic acid (PFUnDA)	NA	0.00349	0.00158	-	-	-	-	-	-	-
Pesticides (mg/kg)										
4,4'-DDD	92	ND (0.0073)	ND (0.0075)	-	-	-	-	-	-	-
4,4'-DDE	62	ND (0.0073)	ND (0.0075)	-	-	-	-	-	-	-
4,4'-DDT	47	ND (0.0073)	ND (0.0075)	-	-	-	-	-	-	-
Aldrin	0.68	ND (0.0073)	ND (0.0075)	-	-	-	-	-	-	-
alpha-BHC	3.4	ND (0.0022)	ND (0.0022)	-	-	-	-	-	-	-
alpha-Chlordane (cis)	24	ND (0.0073)	ND (0.0075)	-	-	-	-	-	-	-
beta-BHC	3	ND (0.0022)	ND (0.0022)	-	-	-	-	-	-	-
Chlordane	NA	ND (0.073)	ND (0.075)	-	-	-	-	-	-	-
delta-BHC	500	ND (0.0022)	ND (0.0022)	-	-	-	-	-	-	-
Dieldrin	1.4	ND (0.0022)	ND (0.0022)	-	-	-	-	-	-	-
Endosulfan I	200	ND (0.0073)	ND (0.0075)	-	-	-	-	-	-	-
Endosulfan II	200	ND (0.0073)	ND (0.0075)	-	-	-	-	-	-	-
Endosulfan sulfate	200	ND (0.0073)	ND (0.0075)	-	-	-	-	-	-	-
Endrin	89	ND (0.0073)	ND (0.0075)	-	-	-	-	-	-	-
Endrin aldehyde	NA	ND (0.0073)	ND (0.0075)	-	-	-	-	-	-	-
Endrin ketone	NA	ND (0.0073)	ND (0.0075)	-	-	-	-	-	-	-
gamma-BHC (Lindane)	9.2	ND (0.0022)	ND (0.0022)	-	-	-	-	-	-	-
Heptachlor	15	ND (0.0073)	ND (0.0075)	-	-	-	-	-	-	-
Heptachlor epoxide	NA	ND (0.0073)	ND (0.0075)	-	-	-	-	-	-	-
Methoxychlor	NA	ND (0.0073)	ND (0.0075)	-	-	-	-	-	-	-
Toxaphene	NA	ND (0.073)	ND (0.075)	-	-	-	-	-	-	-

TABLE 5
SUMMARY OF SOIL QUALITY DATA - BERM 5
FORMER PORT MOBIL TERMINAL
STATEN ISLAND, NEW YORK
FILE NO. 0208998

	Criteria									
Location Name	NY Part 375	5E	5E	5E	5E	5E	5E	5E	5E	5E
Sample Name	Commercial	5E_0-5	5E_5-10	5E1_1-2	5E1_6-7	5E1_9-10	5E2_3-4	5E2_7-8	5E3_4-5	5E3_8-9
Sample Date	Use	10/08/2025	10/08/2025	10/08/2025	10/08/2025	10/08/2025	10/08/2025	10/08/2025	10/08/2025	10/08/2025
Lab Sample ID	Soil Cleanup	460-336761-13	460-336761-14	460-336761-63	460-336761-66	460-336761-69	460-336761-64	460-336761-67	460-336761-65	460-336761-68
Sample Depth (bgs)	Objectives	0 - 5 (ft)	5 - 10 (ft)	1 - 2 (ft)	6 - 7 (ft)	9 - 10 (ft)	3 - 4 (ft)	7 - 8 (ft)	4 - 5 (ft)	8 - 9 (ft)
Polychlorinated Biphenyls (mg/kg)										
Aroclor-1016 (PCB-1016)	NA	ND (0.073)	ND (0.075)	-	-	-	-	-	-	-
Aroclor-1221 (PCB-1221)	NA	ND (0.073)	ND (0.075)	-	-	-	-	-	-	-
Aroclor-1232 (PCB-1232)	NA	ND (0.073)	ND (0.075)	-	-	-	-	-	-	-
Aroclor-1242 (PCB-1242)	NA	ND (0.073)	ND (0.075)	-	-	-	-	-	-	-
Aroclor-1248 (PCB-1248)	NA	ND (0.073)	ND (0.075)	-	-	-	-	-	-	-
Aroclor-1254 (PCB-1254)	NA	ND (0.073)	ND (0.075)	-	-	-	-	-	-	-
Aroclor-1260 (PCB-1260)	NA	ND (0.073)	ND (0.075)	-	-	-	-	-	-	-
Aroclor-1262 (PCB-1262)	NA	ND (0.073)	ND (0.075)	-	-	-	-	-	-	-
Aroclor-1268 (PCB-1268)	NA	ND (0.073)	ND (0.075)	-	-	-	-	-	-	-
Total PCBs	1	ND (0.073)	ND (0.075)	-	-	-	-	-	-	-
Inorganic Compounds (mg/kg)										
Aluminum	NA	10100	7220	-	-	-	-	-	-	-
Antimony	NA	2.5	2.7	-	-	-	-	-	-	-
Arsenic	16	7.2	8	-	-	-	-	-	-	-
Barium	400	89.1	59.3	-	-	-	-	-	-	-
Beryllium	590	3.7	1.4	-	-	-	-	-	-	-
Cadmium	9.3	0.4 J	0.32 J	-	-	-	-	-	-	-
Calcium	NA	2200	1820	-	-	-	-	-	-	-
Chromium	NA	61.3	34.4	-	-	-	-	-	-	-
Cobalt	NA	13.8	8.5	-	-	-	-	-	-	-
Copper	270	129	74.6	-	-	-	-	-	-	-
Iron	NA	28300	21800	-	-	-	-	-	-	-
Lead	1000	496	352	-	-	-	-	-	-	-
Magnesium	NA	2550	1860	-	-	-	-	-	-	-
Manganese	10000	235	165	-	-	-	-	-	-	-
Mercury	2.8	0.05	0.032	-	-	-	-	-	-	-
Nickel	310	57.2	28.3	-	-	-	-	-	-	-
Potassium	NA	1460	1250	-	-	-	-	-	-	-
Selenium	1500	0.51 J	0.39 J	-	-	-	-	-	-	-
Silver	1500	0.28 J	0.29 J	-	-	-	-	-	-	-
Sodium	NA	203	136	-	-	-	-	-	-	-
Thallium	NA	0.1 J	0.08 J	-	-	-	-	-	-	-
Vanadium	NA	30.1	26.7	-	-	-	-	-	-	-
Zinc	10000	621	281	-	-	-	-	-	-	-

ABBREVIATIONS AND NOTES:

mg/kg: milligram per kilogram

**: LCS or LCSD is outside acceptance limits.*
-: Not Analyzed
B: Compound was found in the blank and the associated sample.
bgs: below ground surface
ft: feet
J: Value is estimated.
NA: Not Applicable
ND (2.5): Not detected, number in parentheses is the laboratory reporting limit

- For test methods used, see the laboratory data sheets.
- Soil analytical results are compared to the New York State Department of Environmental Conservation (NYSDEC) Title 6 of the Official Compilation of New York Codes, Rules, and Regulations (NYCRR) Part 375 Commercial Use Soil Cleanup Objectives (SCO).
- Grey shading indicates an exceedance of the Commercial Use Soil Cleanup Objectives.

TABLE 6
SUMMARY OF SOIL QUALITY DATA - BERM 6
FORMER PORT MOBIL TERMINAL
STATEN ISLAND, NEW YORK
FILE NO. 0208998

	Criteria																				
Location Name	NY Part 375	6A	6A	6A1	6A1	6A1	6A2	6A2	6A3	6A3	6B	6B	6B1	6B1	6B1	6B2	6B2	6B3	6B3	6C	6C
Sample Name	Commercial	6A_0-6	6A_6-12	6A1_1-2	6A1_5-6	6A1_10-11	6A2_2-3	6A2_7-8	6A3_4-5	6A3_9-10	6B_0-6	6B_6-12	6B1_1-2	6B1_5-6	6B1_9-10	6B2_3-4	6B2_6-7	6B3_2-3	6B3_8-9	6C_0-6	6C_6-12
Sample Date	Use	10/01/2025	10/01/2025	10/01/2025	10/01/2025	10/01/2025	10/01/2025	10/01/2025	10/01/2025	10/01/2025	10/01/2025	10/01/2025	10/01/2025	10/01/2025	10/01/2025	10/01/2025	10/01/2025	10/01/2025	10/01/2025	10/01/2025	10/01/2025
Lab Sample ID	Soil Cleanup	460-336212-11	460-336212-12	460-336212-52	460-336212-55	460-336212-58	460-336212-53	460-336212-56	460-336212-54	460-336212-57	460-336212-13	460-336212-14	460-336212-59	460-336212-62	460-336212-65	460-336212-60	460-336212-63	460-336212-61	460-336212-64	460-336212-15	460-336212-16
Sample Depth (bgs)	Objectives	0 - 6 (ft)	6 - 12 (ft)	1 - 2 (ft)	5 - 6 (ft)	10 - 11 (ft)	2 - 3 (ft)	7 - 8 (ft)	4 - 5 (ft)	9 - 10 (ft)	0 - 6 (ft)	6 - 12 (ft)	1 - 2 (ft)	5 - 6 (ft)	9 - 10 (ft)	3 - 4 (ft)	6 - 7 (ft)	2 - 3 (ft)	8 - 9 (ft)	0 - 6 (ft)	6 - 12 (ft)
Volatile Organic Compounds (mg/kg)																					
1,1,1-Trichloroethane	500	-	-	ND (0.0014)	ND (0.0011)	ND (0.001)	ND (0.00097)	ND (0.0013)	ND (0.00061)	ND (0.0012)	-	-	ND (0.0011)	ND (0.0012)	ND (0.0012)	ND (0.00097)	ND (0.0015)	ND (0.00083)	ND (0.0013)	-	-
1,1,2,2-Tetrachloroethane	NA	-	-	ND (0.0014)	ND (0.0011)	ND (0.001)	ND (0.00097)	ND (0.0013)	ND (0.00061)	ND (0.0012)	-	-	ND (0.0011)	ND (0.0012)	ND (0.0012)	ND (0.00097)	ND (0.0015)	ND (0.00083)	ND (0.0013)	-	-
1,1,2-Trichloroethane	NA	-	-	ND (0.0014)	ND (0.0011)	ND (0.001)	ND (0.00097)	ND (0.0013)	ND (0.00061)	ND (0.0012)	-	-	ND (0.0011)	ND (0.0012)	ND (0.0012)	ND (0.00097)	ND (0.0015)	ND (0.00083)	ND (0.0013)	-	-
1,1-Dichloroethane	240	-	-	ND (0.0014)	ND (0.0011)	ND (0.001)	ND (0.00097)	ND (0.0013)	ND (0.00061)	ND (0.0012)	-	-	ND (0.0011)	ND (0.0012)	ND (0.0012)	ND (0.00097)	ND (0.0015)	ND (0.00083)	ND (0.0013)	-	-
1,1-Dichloroethene	500	-	-	ND (0.0014)	ND (0.0011)	ND (0.001)	ND (0.00097)	ND (0.0013)	ND (0.00061)	ND (0.0012)	-	-	ND (0.0011)	ND (0.0012)	ND (0.0012)	ND (0.00097)	ND (0.0015)	ND (0.00083)	ND (0.0013)	-	-
1,2,3-Trichlorobenzene	NA	-	-	ND (0.0014)	ND (0.0011)	ND (0.001)	ND (0.00097)	ND (0.0013)	ND (0.00061)	ND (0.0012)	-	-	ND (0.0011)	ND (0.0012)	ND (0.0012)	ND (0.00097)	ND (0.0015)	ND (0.00083)	ND (0.0013)	-	-
1,2,4-Trichlorobenzene	NA	-	-	ND (0.0014)	ND (0.0011)	ND (0.001)	ND (0.00097)	ND (0.0013)	ND (0.00061)	ND (0.0012)	-	-	ND (0.0011)	ND (0.0012)	ND (0.0012)	ND (0.00097)	ND (0.0015)	ND (0.00083)	ND (0.0013)	-	-
1,2,4-Trimethylbenzene	190	-	-	ND (0.0014)	ND (0.0011)	ND (0.001)	ND (0.00097)	ND (0.0013)	ND (0.00061)	ND (0.0012)	-	-	ND (0.0011)	ND (0.0012)	ND (0.0012)	ND (0.00097)	ND (0.0015)	ND (0.00083)	ND (0.0013)	-	-
1,2-Dibromo-3-chloropropane (DBCP)	NA	-	-	ND (0.0014)	ND (0.0011)	ND (0.001)	ND (0.00097)	ND (0.0013)	ND (0.00061)	ND (0.0012)	-	-	ND (0.0011)	ND (0.0012)	ND (0.0012)	ND (0.00097)	ND (0.0015)	ND (0.00083)	ND (0.0013)	-	-
1,2-Dibromoethane (Ethylene Dibromide)	NA	-	-	ND (0.0014)	ND (0.0011)	ND (0.001)	ND (0.00097)	ND (0.0013)	ND (0.00061)	ND (0.0012)	-	-	ND (0.0011)	ND (0.0012)	ND (0.0012)	ND (0.00097)	ND (0.0015)	ND (0.00083)	ND (0.0013)	-	-
1,2-Dichlorobenzene	500	-	-	ND (0.0014)	ND (0.0011)	ND (0.001)	ND (0.00097)	ND (0.0013)	ND (0.00061)	ND (0.0012)	-	-	ND (0.0011)	ND (0.0012)	ND (0.0012)	ND (0.00097)	ND (0.0015)	ND (0.00083)	ND (0.0013)	-	-
1,2-Dichloroethane	30	-	-	ND (0.0014)	ND (0.0011)	ND (0.001)	ND (0.00097)	ND (0.0013)	ND (0.00061)	ND (0.0012)	-	-	ND (0.0011)	ND (0.0012)	ND (0.0012)	ND (0.00097)	ND (0.0015)	ND (0.00083)	ND (0.0013)	-	-
1,2-Dichloropropane	NA	-	-	ND (0.0014)	ND (0.0011)	ND (0.001)	ND (0.00097)	ND (0.0013)	ND (0.00061)	ND (0.0012)	-	-	ND (0.0011)	ND (0.0012)	ND (0.0012)	ND (0.00097)	ND (0.0015)	ND (0.00083)	ND (0.0013)	-	-
1,3,5-Trimethylbenzene	190	-	-	ND (0.0014)	ND (0.0011)	ND (0.001)	ND (0.00097)	ND (0.0013)	ND (0.00061)	ND (0.0012)	-	-	ND (0.0011)	ND (0.0012)	ND (0.0012)	ND (0.00097)	ND (0.0015)	ND (0.00083)	ND (0.0013)	-	-
1,3-Dichlorobenzene	280	-	-	ND (0.0014)	ND (0.0011)	ND (0.001)	ND (0.00097)	ND (0.0013)	ND (0.00061)	ND (0.0012)	-	-	ND (0.0011)	ND (0.0012)	ND (0.0012)	ND (0.00097)	ND (0.0015)	ND (0.00083)	ND (0.0013)	-	-
1,4-Dichlorobenzene	130	-	-	ND (0.0014)	ND (0.0011)	ND (0.001)	ND (0.00097)	ND (0.0013)	ND (0.00061)	ND (0.0012)	-	-	ND (0.0011)	ND (0.0012)	ND (0.0012)	ND (0.00097)	ND (0.0015)	ND (0.00083)	ND (0.0013)	-	-
2-Butanone (Methyl Ethyl Ketone)	500	-	-	ND (0.0069)	ND (0.0055)	ND (0.0052)	ND (0.0048)	ND (0.0064)	ND (0.003)	ND (0.0058)	-	-	ND (0.0056)	ND (0.0059)	ND (0.0061)	ND (0.0048)	ND (0.0074)	ND (0.0042)	ND (0.0067)	-	-
2-Hexanone (Methyl Butyl Ketone)	NA	-	-	ND (0.0069)	ND (0.0055)	ND (0.0052)	ND (0.0048)	ND (0.0064)	ND (0.003)	ND (0.0058)	-	-	ND (0.0056)	ND (0.0059)	ND (0.0061)	ND (0.0048)	ND (0.0074)	ND (0.0042)	ND (0.0067)	-	-
2-Phenylbutane (sec-Butylbenzene)	500	-	-	ND (0.0014)	ND (0.0011)	ND (0.001)	ND (0.00097)	ND (0.0013)	ND (0.00061)	ND (0.0012)	-	-	ND (0.0011)	ND (0.0012)	ND (0.0012)	ND (0.00097)	ND (0.0015)	ND (0.00083)	ND (0.0013)	-	-
4-Methyl-2-Pentanone (Methyl Isobutyl Ketone)	NA	-	-	ND (0.0069)	ND (0.0055)	ND (0.0052)	ND (0.0048)	ND (0.0064)	ND (0.003)	ND (0.0058)	-	-	ND (0.0056)	ND (0.0059)	ND (0.0061)	ND (0.0048)	ND (0.0074)	ND (0.0042)	ND (0.0067)	-	-
Acetone	500	-	-	ND (0.0082)	ND (0.0066)	ND (0.0062)	ND (0.0058)	ND (0.0077)	ND (0.0036)	ND (0.0069)	-	-	ND (0.0067)	0.23	ND (0.0073)	ND (0.0058)	ND (0.0089)	ND (0.005)	ND (0.0081)	-	-
Benzene	44	-	-	ND (0.0014)	ND (0.0011)	ND (0.001)	ND (0.00097)	ND (0.0013)	ND (0.00061)	ND (0.0012)	-	-	ND (0.0011)	ND (0.0012)	ND (0.0012)	ND (0.00097)	ND (0.0015)	ND (0.00083)	ND (0.0013)	-	-
Bromodichloromethane	NA	-	-	ND (0.0014)	ND (0.0011)	ND (0.001)	ND (0.00097)	ND (0.0013)	ND (0.00061)	ND (0.0012)	-	-	ND (0.0011)	ND (0.0012)	ND (0.0012)	ND (0.00097)	ND (0.0015)	ND (0.00083)	ND (0.0013)	-	-
Bromoform	NA	-	-	ND (0.0014)	ND (0.0011)	ND (0.001)	ND (0.00097)	ND (0.0013)	ND (0.00061)	ND (0.0012)	-	-	ND (0.0011)	ND (0.0012)	ND (0.0012)	ND (0.00097)	ND (0.0015)	ND (0.00083)	ND (0.0013)	-	-
Bromomethane (Methyl Bromide)	NA	-	-	ND (0.0027)	ND (0.0022)	ND (0.0021)	ND (0.0019)	ND (0.0026)	ND (0.0012)	ND (0.0023)	-	-	ND (0.0022)	ND (0.0024)	ND (0.0024)	ND (0.0019)	ND (0.003)	ND (0.0017)	ND (0.0027)	-	-
Carbon disulfide	NA	-	-	ND (0.0014)	ND (0.0011)	ND (0.001)	ND (0.00097)	ND (0.0013)	ND (0.00061)	ND (0.0012)	-	-	ND (0.0011)	ND (0.0012)	ND (0.0012)	ND (0.00097)	ND (0.0015)	ND (0.00083)	ND (0.0013)	-	-
Carbon tetrachloride	22	-	-	ND (0.0014)	ND (0.0011)	ND (0.001)	ND (0.00097)	ND (0.0013)	ND (0.00061)	ND (0.0012)	-	-	ND (0.0011)	ND (0.0012)	ND (0.0012)	ND (0.00097)	ND (0.0015)	ND (0.00083)	ND (0.0013)	-	-
Chlorobenzene	500	-	-	ND (0.0014)	ND (0.0011)	ND (0.001)	ND (0.00097)	ND (0.0013)	ND (0.00061)	ND (0.0012)	-	-	ND (0.0011)	ND (0.0012)	ND (0.0012)	ND (0.00097)	ND (0.0015)	ND (0.00083)	ND (0.0013)	-	-
Chlorobromomethane	NA	-	-	ND (0.0014)	ND (0.0011)	ND (0.001)	ND (0.00097)	ND (0.0013)	ND (0.00061)	ND (0.0012)	-	-	ND (0.0011)	ND (0.0012)	ND (0.0012)	ND (0.00097)	ND (0.0015)	ND (0.00083)	ND (0.0013)	-	-
Chloroethane	NA	-	-	ND (0.0014)	ND (0.0011)	ND (0.001)	ND (0.00097)	ND (0.0013)	ND (0.00061)	ND (0.0012)	-	-	ND (0.0011)	ND (0.0012)	ND (0.0012)	ND (0.00097)	ND (0.0015)	ND (0.00083)	ND (0.0013)	-	-
Chloroform (Trichloromethane)	350	-	-	ND (0.0014)	ND (0.0011)	ND (0.001)	ND (0.00097)	ND (0.0013)	ND (0.00061)	ND (0.0012)	-	-	ND (0.0011)	ND (0.0012)	ND (0.0012)	ND (0.00097)	ND (0.0015)	ND (0.00083)	ND (0.0013)	-	-
Chloromethane (Methyl Chloride)	NA	-	-	ND (0.0014)	ND (0.0011)	ND (0.001)	ND (0.00097)	ND (0.0013)	ND (0.00061)	ND (0.0012)	-	-	ND (0.0011)	ND (0.0012)	ND (0.0012)	ND (0.00097)	ND (0.0015)	ND (0.00083)	ND (0.0013)	-	-
cis-1,2-Dichloroethene	500	-	-	ND (0.0014)	ND (0.0011)	ND (0.001)	ND (0.00097)	ND (0.0013)	ND (0.00061)	ND (0.0012)	-	-	ND (0.0011)	ND (0.0012)	ND (0.0012)	ND (0.00097)	ND (0.0015)	ND (0.00083)	ND (0.0013)	-	-
cis-1,3-Dichloropropene	NA	-	-	ND (0.0014)	ND (0.0011)	ND (0.001)	ND (0.00097)	ND (0.0013)	ND (0.00061)	ND (0.0012)	-	-	ND (0.0011)	ND (0.0012)	ND (0.0012)	ND (0.00097)	ND (0.0015)	ND (0.00083)	ND (0.0013)	-	-
Cyclohexane	NA	-	-	ND (0.0014)	ND (0.0011)	ND (0.001)	ND (0.00097)	ND (0.0013)	ND (0.00061)	ND (0.0012)	-	-	ND (0.0011)	ND (0.0012)	ND (0.0012)	ND (0.00097)	ND (0.0015)	ND (0.00083)	ND (0.0013)	-	-
Dibromochloromethane	NA	-	-	ND (0.0014)	ND (0.0011)	ND (0.001)	ND (0.00097)	ND (0.0013)	ND (0.00061)	ND (0.0012)	-	-	ND (0.0011)	ND (0.0012)	ND (0.0012)	ND (0.00097)	ND (0.0015)	ND (0.00083)	ND (0.0013)	-	-
Dichlorodifluoromethane (CFC-12)	NA	-	-	ND (0.0014) *	ND (0.0011)	ND (0.001)	ND (0.00097) *	ND (0.0013)	ND (0.00061)	ND (0.0012)	-	-	ND (0.0011) *	ND (0.0012)	ND (0.0012)	ND (0.00097)	ND (0.0015)	ND (0.00083)	ND (0.0013) *	-	-
Ethylbenzene	390	-	-	ND (0.0014)	ND (0.0011)	ND (0.001)	ND (0.00097)	ND (0.0013)	ND (0.00061)	ND (0.0012)	-	-	ND (0.0011)	ND (0.0012)	ND (0.0012)	ND (0.00097)	ND (0.0015)	ND (0.00083)	ND (0.0013)	-	-
Isopropylbenzene (Cumene)	NA	-	-	ND (0.0014)	ND (0.0011)	ND (0.001)	ND (0.00097)	ND (0.0013)	ND (0.00061)	ND (0.0012)	-	-	ND (0.0011)	ND (0.0012)	ND (0.0012)	ND (0.00097)	ND (0.0015)	ND (0.00083)	ND (0.0013)	-	-
m,p-Xylenes	NA	-	-	ND (0.0014)	ND (0.0011)	ND (0.001)	ND (0.00097)	ND (0.0013)	ND (0.00061)	ND (0.0012)	-	-	ND (0.0011)	ND (0.0012)	ND (0.0012)	ND (0.00097)	ND (0.0015)	ND (0.00083)	ND (0.0013)	-	-
Methyl acetate	NA	-	-	ND (0.0069)	ND (0.0055)	ND (0.0052)	ND (0.0048)	ND (0.0064)	ND (0.003)	ND (0.0058)	-	-	ND (0.0056)	ND (0.0059)	ND (0.0061)	ND (0.0048)	ND (0.0074)	ND (0.0042)	ND (0.0067)	-	-
Methyl Tert Butyl Ether (MTBE)	500	-	-	ND (0.0014)	ND (0.0011)	ND (0.001)	ND (0.00097)	ND (0.0013)	ND (0.00061)	ND (0.0012)	-	-	ND (0.0011)	ND (0.0012)	ND (0.0012)	ND (0.00097)	ND (0.0015)	ND (0.00083)	ND (0.0013)	-	-
Methylcyclohexane	NA	-	-	ND (0.0014)	ND (0.0011)	ND (0.001)	ND (0.00097)	ND (0.0013)	ND (0.00061)	ND (0.0012)	-	-	ND (0.0011)	ND (0.0012)	ND (0.0012)	ND (0.00097)	ND (0.0015)	ND (0.00083)	ND (0.0013)	-	-
Methylene chloride (Dichloromethane)	500	-	-	0.0034	0.0039	0.0044	0.0033	0.0015 J	0.0022	0.0043	-	-	0.0019 J	0.0039	0.0023 J	0.0027	0.0051	0.0012 J	0.0073	-	-
n-Butylbenzene	500	-	-	ND (0.0014)	ND (0.0011)	ND (0.001)	ND (0.00097)	ND (0.0013)	ND (0.00061)	ND (0.0012)	-	-	ND (0.0011)	ND (0.0012)	ND (0.0012)	ND (0.00097)	ND (0.0015)	ND (0.00083)	ND (0.0013)	-	-
n-Propylbenzene	500	-	-	ND (0.0014)	ND (0.0011)	ND (0.001)	ND (0.00097)	ND (0.0013)	ND (0.00061)	ND (0.0012)	-	-	ND (0.0011)	ND (0.0012)	ND (0.0012)	ND (0.00097)	ND (0.0015)	ND (0.00083)	ND (0.0013)	-	-
o-Xylene	NA	-	-	ND (0.0014)	ND (0.0011)	ND (0.001)	ND (0.00097)	ND (0.0013)	ND (0.00061)	ND (0.0012)	-	-	ND (0.0011)	ND (0.0012)	ND (0.0012)	ND (0.00097)	ND (0.0015)	ND (0.00083)	ND (0.0013)	-	-
Styrene	NA	-	-	ND (0.0014)	ND (0.0011)	ND (0.001)	ND (0.00097)	ND (0.0013)	ND (0.00061)	ND (0.0012)	-	-	ND (0.0011)	ND (0.0012)	ND (0.0012)	ND (0.00097)	ND (0.0015)	ND (0.00083)	ND (0.0013)	-	-
tert-Butylbenzene	500	-	-	ND (0.0014)	ND (0.0011)	ND (0.001)	ND (0.00097)	ND (0.0013)	ND (0.00061)	ND (0.0012)	-	-	ND (0.0011)	ND (0.0012)	ND (0.0012)	ND (0.00097)	ND (0.0015)	ND (0.00083)	ND (0.0013)	-	-
Tetrachloroethene	150	-	-	ND (0.0014)	ND (0.0011)	ND (0.001)	ND (0.00097)	ND (0.0013)	ND (0.00061)	ND (0.0012)	-	-	ND (0.0011)	ND (0.0012)	ND (0.0012)	ND (0.00097)	ND (0.0015)	ND (0.00083)	ND (0.0013)	-	-
Toluene	500	-	-	ND (0.0014)	ND (0.0011)	ND (0.001)	ND (0.00097)	ND (0.0013)	ND (0.00061)	ND (0.0012)	-	-	ND (0.0011)	ND (0.0012)	ND (0.0012)	ND (0.00097)	ND (0.0015)	ND (0.00083)	ND (0.0013)	-	-
trans-1,2-Dichloroethene	500	-	-	ND (0.0014)	ND (0.0011)	ND (0.001)	ND (0.00097)	ND (0.0013)	ND (0.00061)	ND (0.0012)	-	-	ND (0.0011)	ND (0.0012)	ND (0.0012)	ND (0.00097)	ND (0.0015)	ND (0.00083)	ND (0.0013)	-	-
trans-1,3-Dichloropropene	NA	-	-	ND (0.0014)	ND (0.0011)	ND (0.001)	ND (0.00097)	ND (0.0013)	ND (0.00061)	ND (0.0012)	-	-	ND (0.0011)	ND (0.0012)	ND (0.0012)	ND (0.00097)	ND (0.0015)	ND (0.00083)	ND (0.0013)	-	-
Trichloroethene	200	-	-	ND (0.0014)	ND (0.0011)	ND (0.001)	ND (0.00097)	ND (0.0013)	ND (0.00061)	ND (0.0012)	-	-	ND (0.0011)	ND (0.0012)	ND (0.0012)	ND (0.00097)	ND (0.0015)	ND (0.00083)	ND (0.0013)	-	-
Trichlorofluoromethane (CFC-11)	NA	-	-	ND (0.0014)	ND (0.0011)	ND (0.001)	ND (0.00097)	ND (0.0013)	ND (0.00061)	ND (0.0012)	-	-	ND (0.0011)	ND (0.0012)	ND (0.0012)	ND (0.00097)	ND (0.0015)	ND (0.00083)	ND (0.0013)	-	-
Trifluorotrichloroethane (Freon 113)	NA	-	-	ND (0.0014)	ND (0.0011)	ND (0.001)	ND (0.00097)	ND (0.0013)	ND (0.00061)	ND (0.0012)	-	-	ND (0.0011)	ND (0.0012)	ND (0.0012)	ND (0.00097)	ND (0.0015)	ND (0.00083)	ND (0.0013)	-	-
Vinyl chloride	13	-	-	ND (0.0014)	ND (0.0011)	ND (0.001)	ND (0.00097)	ND (0.0013)	ND (0.00061)	ND (0.0012)	-	-	ND (0.0011)	ND (0.0012)	ND (0.0012)	ND (0.00097)	ND (0.0015)	ND (0.00083)	ND (0.0013)	-	-
Xylene (Total)	500	-	-	ND (0.0027)	ND (0.0022)	ND (0.0021)	ND (0.0019)	ND (0.0026)	ND (0.0012)	ND (0.0023)	-	-	ND (0.0022)	ND (0.0024)	ND (0.0024)	ND (0.0019)	ND (0.003)	ND (0.0017)	ND (0.0027)	-	-

TABLE 6
SUMMARY OF SOIL QUALITY DATA - BERM 6
FORMER PORT MOBIL TERMINAL
STATEN ISLAND, NEW YORK
FILE NO. 0208998

	Criteria																				
Location Name	NY Part 375	6A	6A	6A1	6A1	6A1	6A2	6A2	6A3	6A3	6B	6B	6B1	6B1	6B1	6B2	6B2	6B3	6B3	6C	6C
Sample Name	Commercial	6A_0-6	6A_6-12	6A1_1-2	6A1_5-6	6A1_10-11	6A2_2-3	6A2_7-8	6A3_4-5	6A3_9-10	6B_0-6	6B_6-12	6B1_1-2	6B1_5-6	6B1_9-10	6B2_3-4	6B2_6-7	6B3_2-3	6B3_8-9	6C_0-6	6C_6-12
Sample Date	Use	10/01/2025	10/01/2025	10/01/2025	10/01/2025	10/01/2025	10/01/2025	10/01/2025	10/01/2025	10/01/2025	10/01/2025	10/01/2025	10/01/2025	10/01/2025	10/01/2025	10/01/2025	10/01/2025	10/01/2025	10/01/2025	10/01/2025	10/01/2025
Lab Sample ID	Soil Cleanup	460-336212-11	460-336212-12	460-336212-52	460-336212-55	460-336212-58	460-336212-53	460-336212-56	460-336212-54	460-336212-57	460-336212-13	460-336212-14	460-336212-59	460-336212-62	460-336212-65	460-336212-60	460-336212-63	460-336212-61	460-336212-64	460-336212-15	460-336212-16
Sample Depth (bgs)	Objectives	0 - 6 (ft)	6 - 12 (ft)	1 - 2 (ft)	5 - 6 (ft)	10 - 11 (ft)	2 - 3 (ft)	7 - 8 (ft)	4 - 5 (ft)	9 - 10 (ft)	0 - 6 (ft)	6 - 12 (ft)	1 - 2 (ft)	5 - 6 (ft)	9 - 10 (ft)	3 - 4 (ft)	6 - 7 (ft)	2 - 3 (ft)	8 - 9 (ft)	0 - 6 (ft)	6 - 12 (ft)
Semi-Volatile Organic Compounds (mg/kg)																					
1,2,4,5-Tetrachlorobenzene	NA	ND (0.36)	ND (0.36)	-	-	-	-	-	-	-	ND (0.37)	ND (0.37)	-	-	-	-	-	-	-	ND (0.36)	ND (0.36)
1,4-Dioxane	130	ND (0.036)	ND (0.036)	-	-	-	-	-	-	-	ND (0.037)	ND (0.037)	-	-	-	-	-	-	-	ND (0.036)	ND (0.036)
2,2'-oxybis(1-Chloropropane)	NA	ND (0.36)	ND (0.36)	-	-	-	-	-	-	-	ND (0.37)	ND (0.37)	-	-	-	-	-	-	-	ND (0.36)	ND (0.36)
2,3,4,6-Tetrachlorophenol	NA	ND (0.36)	ND (0.36)	-	-	-	-	-	-	-	ND (0.37)	ND (0.37)	-	-	-	-	-	-	-	ND (0.36)	ND (0.36)
2,4,5-Trichlorophenol	NA	ND (0.36)	ND (0.36)	-	-	-	-	-	-	-	ND (0.37)	ND (0.37)	-	-	-	-	-	-	-	ND (0.36)	ND (0.36)
2,4,6-Trichlorophenol	NA	ND (0.15)	ND (0.15)	-	-	-	-	-	-	-	ND (0.15)	ND (0.15)	-	-	-	-	-	-	-	ND (0.14)	ND (0.14)
2,4-Dichlorophenol	NA	ND (0.15)	ND (0.15)	-	-	-	-	-	-	-	ND (0.15)	ND (0.15)	-	-	-	-	-	-	-	ND (0.14)	ND (0.14)
2,4-Dimethylphenol	NA	ND (0.36)	ND (0.36)	-	-	-	-	-	-	-	ND (0.37)	ND (0.37)	-	-	-	-	-	-	-	ND (0.36)	ND (0.36)
2,4-Dinitrophenol	NA	ND (0.29)	ND (0.29)	-	-	-	-	-	-	-	ND (0.29)	ND (0.3)	-	-	-	-	-	-	-	ND (0.29)	ND (0.29)
2,4-Dinitrotoluene	NA	ND (0.073)	ND (0.074)	-	-	-	-	-	-	-	ND (0.074)	ND (0.076)	-	-	-	-	-	-	-	ND (0.072)	ND (0.072)
2,6-Dinitrotoluene	NA	ND (0.073)	ND (0.074)	-	-	-	-	-	-	-	ND (0.074)	ND (0.076)	-	-	-	-	-	-	-	ND (0.072)	ND (0.072)
2-Chloronaphthalene	NA	ND (0.36)	ND (0.36)	-	-	-	-	-	-	-	ND (0.37)	ND (0.37)	-	-	-	-	-	-	-	ND (0.36)	ND (0.36)
2-Chlorophenol	NA	ND (0.36)	ND (0.36)	-	-	-	-	-	-	-	ND (0.37)	ND (0.37)	-	-	-	-	-	-	-	ND (0.36)	ND (0.36)
2-Methylnaphthalene	NA	ND (0.36)	ND (0.36)	-	-	-	-	-	-	-	ND (0.37)	ND (0.37)	-	-	-	-	-	-	-	ND (0.36)	ND (0.36)
2-Methylphenol (o-Cresol)	500	ND (0.36)	ND (0.36)	-	-	-	-	-	-	-	ND (0.37)	ND (0.37)	-	-	-	-	-	-	-	ND (0.36)	ND (0.36)
2-Nitroaniline	NA	ND (0.36)	ND (0.36)	-	-	-	-	-	-	-	ND (0.37)	ND (0.37)	-	-	-	-	-	-	-	ND (0.36)	ND (0.36)
2-Nitrophenol	NA	ND (0.36)	ND (0.36)	-	-	-	-	-	-	-	ND (0.37)	ND (0.37)	-	-	-	-	-	-	-	ND (0.36)	ND (0.36)
3&4-Methylphenol	NA	ND (0.36)	ND (0.36)	-	-	-	-	-	-	-	ND (0.37)	ND (0.37)	-	-	-	-	-	-	-	ND (0.36)	ND (0.36)
3,3'-Dichlorobenzidine	NA	ND (0.15)	ND (0.15)	-	-	-	-	-	-	-	ND (0.15)	ND (0.15)	-	-	-	-	-	-	-	ND (0.14)	ND (0.14)
3-Nitroaniline	NA	ND (0.36)	ND (0.36)	-	-	-	-	-	-	-	ND (0.37)	ND (0.37)	-	-	-	-	-	-	-	ND (0.36)	ND (0.36)
4,6-Dinitro-2-methylphenol	NA	ND (0.29)	ND (0.29)	-	-	-	-	-	-	-	ND (0.29)	ND (0.3)	-	-	-	-	-	-	-	ND (0.29)	ND (0.29)
4-Bromophenyl phenyl ether (BDE-3)	NA	ND (0.36)	ND (0.36)	-	-	-	-	-	-	-	ND (0.37)	ND (0.37)	-	-	-	-	-	-	-	ND (0.36)	ND (0.36)
4-Chloro-3-methylphenol	NA	ND (0.36)	ND (0.36)	-	-	-	-	-	-	-	ND (0.37)	ND (0.37)	-	-	-	-	-	-	-	ND (0.36)	ND (0.36)
4-Chloroaniline	NA	ND (0.36)	ND (0.36)	-	-	-	-	-	-	-	ND (0.37)	ND (0.37)	-	-	-	-	-	-	-	ND (0.36)	ND (0.36)
4-Chlorophenyl phenyl ether	NA	ND (0.36)	ND (0.36)	-	-	-	-	-	-	-	ND (0.37)	ND (0.37)	-	-	-	-	-	-	-	ND (0.36)	ND (0.36)
4-Methylphenol	500	ND (0.36)	ND (0.36)	-	-	-	-	-	-	-	ND (0.37)	ND (0.37)	-	-	-	-	-	-	-	ND (0.36)	ND (0.36)
4-Nitroaniline	NA	ND (0.36)	ND (0.36)	-	-	-	-	-	-	-	ND (0.37)	ND (0.37)	-	-	-	-	-	-	-	ND (0.36)	ND (0.36)
4-Nitrophenol	NA	ND (0.73)	ND (0.74)	-	-	-	-	-	-	-	ND (0.74)	ND (0.76)	-	-	-	-	-	-	-	ND (0.72)	ND (0.72)
Acenaphthene	500	ND (0.36)	ND (0.36)	-	-	-	-	-	-	-	ND (0.37)	ND (0.37)	-	-	-	-	-	-	-	ND (0.36)	ND (0.36)
Acenaphthylene	500	ND (0.36)	ND (0.36)	-	-	-	-	-	-	-	ND (0.37)	ND (0.37)	-	-	-	-	-	-	-	ND (0.36)	ND (0.36)
Acetophenone	NA	ND (0.36)	ND (0.36)	-	-	-	-	-	-	-	ND (0.37)	ND (0.37)	-	-	-	-	-	-	-	ND (0.36)	ND (0.36)
Anthracene	500	ND (0.36)	ND (0.36)	-	-	-	-	-	-	-	ND (0.37)	ND (0.37)	-	-	-	-	-	-	-	ND (0.36)	ND (0.36)
Atrazine	NA	ND (0.15)	ND (0.15)	-	-	-	-	-	-	-	ND (0.15)	ND (0.15)	-	-	-	-	-	-	-	ND (0.14)	ND (0.14)
Benzaldehyde	NA	ND (0.36)	ND (0.36)	-	-	-	-	-	-	-	ND (0.37)	ND (0.37)	-	-	-	-	-	-	-	ND (0.36)	ND (0.36)
Benzo(a)anthracene	5.6	ND (0.036)	ND (0.036)	-	-	-	-	-	-	-	ND (0.037)	ND (0.037)	-	-	-	-	-	-	-	ND (0.036)	ND (0.036)
Benzo(a)pyrene	1	ND (0.036)	ND (0.036)	-	-	-	-	-	-	-	ND (0.037)	ND (0.037)	-	-	-	-	-	-	-	ND (0.036)	ND (0.036)
Benzo(b)fluoranthene	5.6	ND (0.036)	ND (0.036)	-	-	-	-	-	-	-	ND (0.037)	ND (0.037)	-	-	-	-	-	-	-	ND (0.036)	0.013 J
Benzo(g,h,i)perylene	500	ND (0.36)	ND (0.36)	-	-	-	-	-	-	-	ND (0.37)	ND (0.37)	-	-	-	-	-	-	-	ND (0.36)	ND (0.36)
Benzo(k)fluoranthene	56	ND (0.036)	ND (0.036)	-	-	-	-	-	-	-	ND (0.037)	ND (0.037)	-	-	-	-	-	-	-	ND (0.036)	0.007 J
Biphenyl	NA	ND (0.36)	ND (0.36)	-	-	-	-	-	-	-	ND (0.37)	ND (0.37)	-	-	-	-	-	-	-	ND (0.36)	ND (0.36)
bis(2-Chloroethoxy)methane	NA	ND (0.36)	ND (0.36)	-	-	-	-	-	-	-	ND (0.37)	ND (0.37)	-	-	-	-	-	-	-	ND (0.36)	ND (0.36)
bis(2-Chloroethyl)ether	NA	ND (0.036)	ND (0.036)	-	-	-	-	-	-	-	ND (0.037)	ND (0.037)	-	-	-	-	-	-	-	ND (0.036)	ND (0.036)
bis(2-Ethylhexyl)phthalate	NA	ND (0.36)	ND (0.36)	-	-	-	-	-	-	-	ND (0.37)	ND (0.37)	-	-	-	-	-	-	-	ND (0.36)	ND (0.36)
Butyl benzylphthalate (BBP)	NA	ND (0.36)	ND (0.36)	-	-	-	-	-	-	-	ND (0.37)	ND (0.37)	-	-	-	-	-	-	-	ND (0.36)	ND (0.36)
Caprolactam	NA	ND (0.36)	ND (0.36)	-	-	-	-	-	-	-	ND (0.37)	ND (0.37)	-	-	-	-	-	-	-	ND (0.36)	ND (0.36)
Carbazole	NA	ND (0.36)	ND (0.36)	-	-	-	-	-	-	-	ND (0.37)	ND (0.37)	-	-	-	-	-	-	-	ND (0.36)	ND (0.36)
Chrysene	56	ND (0.36)	ND (0.36)	-	-	-	-	-	-	-	ND (0.37)	ND (0.37)	-	-	-	-	-	-	-	ND (0.36)	ND (0.36)
Dibenz(a,h)anthracene	0.56	ND (0.036)	ND (0.036)	-	-	-	-	-	-	-	ND (0.037)	ND (0.037)	-	-	-	-	-	-	-	ND (0.036)	ND (0.036)
Dibenzofuran	350	ND (0.36)	ND (0.36)	-	-	-	-	-	-	-	ND (0.37)	ND (0.37)	-	-	-	-	-	-	-	ND (0.36)	ND (0.36)
Diethyl phthalate	NA	ND (0.36)	ND (0.36)	-	-	-	-	-	-	-	ND (0.37)	ND (0.37)	-	-	-	-	-	-	-	ND (0.36)	ND (0.36)
Dimethyl phthalate	NA	ND (0.36)	ND (0.36)	-	-	-	-	-	-	-	ND (0.37)	ND (0.37)	-	-	-	-	-	-	-	ND (0.36)	ND (0.36)
Di-n-butylphthalate (DBP)	NA	ND (0.36)	ND (0.36)	-	-	-	-	-	-	-	ND (0.37)	ND (0.37)	-	-	-	-	-	-	-	ND (0.36)	ND (0.36)
Di-n-octyl phthalate (DnOP)	NA	ND (0.36)	ND (0.36)	-	-	-	-	-	-	-	ND (0.37)	ND (0.37)	-	-	-	-	-	-	-	ND (0.36)	ND (0.36)
Fluoranthene	500	ND (0.36)	ND (0.36)	-	-	-	-	-	-	-	ND (0.37)	ND (0.37)	-	-	-	-	-	-	-	ND (0.36)	0.022 J
Fluorene	500	ND (0.36)	ND (0.36)	-	-	-	-	-	-	-	ND (0.37)	ND (0.37)	-	-	-	-	-	-	-	ND (0.36)	ND (0.36)
Hexachlorobenzene	6	ND (0.036)	ND (0.036)	-	-	-	-	-	-	-	ND (0.037)	ND (0.037)	-	-	-	-	-	-	-	ND (0.036)	ND (0.036)
Hexachlorobutadiene	NA	ND (0.073)	ND (0.074)	-	-	-	-	-	-	-	ND (0.074)	ND (0.076)	-	-	-	-	-	-	-	ND (0.072)	ND (0.072)
Hexachlorocyclopentadiene	NA	ND (0.36)	ND (0.36)	-	-	-	-	-	-	-	ND (0.37)	ND (0.37)	-	-	-	-	-	-	-	ND (0.36)	ND (0.36)
Hexachloroethane	NA	ND (0.036)	ND (0.036)	-	-	-	-	-	-	-	ND (0.037)	ND (0.037)	-	-	-	-	-	-	-	ND (0.036)	ND (0.036)
Indeno(1,2,3-cd)pyrene	5.6	ND (0.036)	ND (0.036)	-	-	-	-	-	-	-	ND (0.037)	ND (0.037)	-	-	-	-	-	-	-	ND (0.036)	ND (0.036)
Isophorone	NA	ND (0.15)	ND (0.15)	-	-	-	-	-	-	-	ND (0.15)	ND (0.15)	-	-	-	-	-	-	-	ND (0.14)	ND (0.14)
Naphthalene	500	ND (0.36)	ND (0.36)	-	-	-	-	-	-	-	ND (0.37)	ND (0.37)	-	-	-	-	-	-	-	ND (0.36)	ND (0.36)
Nitrobenzene	NA	ND (0.036)	ND (0.036)	-	-	-	-	-	-	-	ND (0.037)	ND (0.037)	-	-	-	-	-	-	-	ND (0.036)	ND (0.036)
N-Nitrosodi-n-propylamine	NA	ND (0.036)	ND (0.036)	-	-	-	-	-	-	-	ND (0.037)	ND (0.037)	-	-	-	-	-	-	-	ND (0.036)	ND (0.036)
N-Nitrosodiphenylamine	NA	ND (0.36)	ND (0.36)	-	-	-	-	-	-	-	ND (0.37)	ND (0.37)	-	-	-	-	-	-	-	ND (0.36)	ND (0.36)
Pentachlorophenol	6.7	ND (0.29)	ND (0.29)	-	-	-	-	-	-	-	ND (0.29)	ND (0.3)	-	-	-	-	-	-	-	ND (0.29)	ND (0.29)
Phenanthrene	500	ND (0.36)	ND (0.36)	-	-	-	-	-	-	-	ND (0.37)	ND (0.37)	-	-	-	-	-	-	-	ND (0.36)	ND (0.36)
Phenol	500	ND (0.36)	ND (0.36)	-	-	-	-	-	-	-	ND (0.37)	ND (0.37)	-	-	-	-	-	-	-	ND (0.36)	ND (0.36)
Pyrene	500	ND (0.36)	ND (0.36)	-	-	-	-	-	-	-	ND (0.37)	ND (0.37)	-	-	-	-	-	-	-	ND (0.36)	0.019 J

TABLE 6
SUMMARY OF SOIL QUALITY DATA - BERM 6
FORMER PORT MOBIL TERMINAL
STATEN ISLAND, NEW YORK
FILE NO. 0208998

	Criteria																				
Location Name	NY Part 375	6A	6A	6A1	6A1	6A1	6A2	6A2	6A3	6A3	6B	6B	6B1	6B1	6B1	6B2	6B2	6B3	6B3	6C	6C
Sample Name	Commercial	6A_0-6	6A_6-12	6A1_1-2	6A1_5-6	6A1_10-11	6A2_2-3	6A2_7-8	6A3_4-5	6A3_9-10	6B_0-6	6B_6-12	6B1_1-2	6B1_5-6	6B1_9-10	6B2_3-4	6B2_6-7	6B3_2-3	6B3_8-9	6C_0-6	6C_6-12
Sample Date	Use	10/01/2025	10/01/2025	10/01/2025	10/01/2025	10/01/2025	10/01/2025	10/01/2025	10/01/2025	10/01/2025	10/01/2025	10/01/2025	10/01/2025	10/01/2025	10/01/2025	10/01/2025	10/01/2025	10/01/2025	10/01/2025	10/01/2025	10/01/2025
Lab Sample ID	Soil Cleanup	460-336212-11	460-336212-12	460-336212-52	460-336212-55	460-336212-58	460-336212-53	460-336212-56	460-336212-54	460-336212-57	460-336212-13	460-336212-14	460-336212-59	460-336212-62	460-336212-65	460-336212-60	460-336212-63	460-336212-61	460-336212-64	460-336212-15	460-336212-16
Sample Depth (bgs)	Objectives	0 - 6 (ft)	6 - 12 (ft)	1 - 2 (ft)	5 - 6 (ft)	10 - 11 (ft)	2 - 3 (ft)	7 - 8 (ft)	4 - 5 (ft)	9 - 10 (ft)	0 - 6 (ft)	6 - 12 (ft)	1 - 2 (ft)	5 - 6 (ft)	9 - 10 (ft)	3 - 4 (ft)	6 - 7 (ft)	2 - 3 (ft)	8 - 9 (ft)	0 - 6 (ft)	6 - 12 (ft)
PFAS (mg/kg)																					
11-Chloroeicosafluoro-3-Oxaundecane-1-Sulfonic Acid (11Cl-PF3OUdS)	NA	ND (0.0002)	ND (0.00019)	-	-	-	-	-	-	-	ND (0.00019)	ND (0.0002)	-	-	-	-	-	-	-	ND (0.00019)	ND (0.00019)
2H,2H,3H,3H-Perfluorooctanoic acid (5:3 FTCA)	NA	ND (0.001)	ND (0.00095)	-	-	-	-	-	-	-	ND (0.00096)	ND (0.001)	-	-	-	-	-	-	-	ND (0.00095)	ND (0.00097)
3-(Perfluoroheptyl)propanoic acid (7:3 FTCA)	NA	ND (0.001)	ND (0.00095)	-	-	-	-	-	-	-	ND (0.00096)	ND (0.001)	-	-	-	-	-	-	-	ND (0.00095)	ND (0.00097)
3:3 Fluorotelomer carboxylic acid (3:3 FTCA)	NA	ND (0.0004)	ND (0.00038)	-	-	-	-	-	-	-	ND (0.00038)	ND (0.0004)	-	-	-	-	-	-	-	ND (0.00038)	ND (0.00039)
4,8-Dioxa-3H-Perfluorononanoic Acid (ADONA)	NA	ND (0.0002)	ND (0.00019)	-	-	-	-	-	-	-	ND (0.00019)	ND (0.0002)	-	-	-	-	-	-	-	ND (0.00019)	ND (0.00019)
4:2 Fluorotelomer sulfonic acid (4:2 FTS)	NA	ND (0.0004)	ND (0.00038)	-	-	-	-	-	-	-	ND (0.00038)	ND (0.0004)	-	-	-	-	-	-	-	ND (0.00038)	ND (0.00039)
6:2 Fluorotelomer sulfonic acid (6:2 FTS)	NA	ND (0.0004)	ND (0.00038)	-	-	-	-	-	-	-	ND (0.00038)	ND (0.0004)	-	-	-	-	-	-	-	ND (0.00038)	ND (0.00039)
8:2 Fluorotelomer sulfonic acid (8:2 FTS)	NA	0.0004	0.00035 J	-	-	-	-	-	-	-	0.00081	ND (0.0004)	-	-	-	-	-	-	-	0.00021 J	ND (0.00039)
9-Chlorohexadecafluoro-3-Oxanone-1-Sulfonic Acid (9Cl-PF3ONS)	NA	ND (0.0002)	ND (0.00019)	-	-	-	-	-	-	-	ND (0.00019)	ND (0.0002)	-	-	-	-	-	-	-	ND (0.00019)	ND (0.00019)
N-Ethyl Perfluorooctanesulfonamidoacetic Acid (NEtFOSAA)	NA	ND (0.0002)	ND (0.00019)	-	-	-	-	-	-	-	ND (0.00019)	ND (0.0002)	-	-	-	-	-	-	-	ND (0.00019)	ND (0.00019)
N-Ethylperfluorooctane sulfonamide (N-EtFOSA)	NA	ND (0.0002)	ND (0.00019)	-	-	-	-	-	-	-	ND (0.00019)	ND (0.0002)	-	-	-	-	-	-	-	ND (0.00019)	ND (0.00019)
N-Ethylperfluorooctane sulfonamidoethanol (N-EtFOSE)	NA	ND (0.001)	ND (0.00095)	-	-	-	-	-	-	-	ND (0.00096)	ND (0.001)	-	-	-	-	-	-	-	ND (0.00095)	ND (0.00097)
N-Methyl Perfluorooctanesulfonamidoacetic Acid (NMeFOSAA)	NA	ND (0.0002)	ND (0.00019)	-	-	-	-	-	-	-	ND (0.00019)	ND (0.0002)	-	-	-	-	-	-	-	ND (0.00019)	ND (0.00019)
N-Methylperfluorooctane sulfonamide (N-MeFOSA)	NA	ND (0.0002)	ND (0.00019)	-	-	-	-	-	-	-	ND (0.00019)	ND (0.0002)	-	-	-	-	-	-	-	ND (0.00019)	ND (0.00019)
N-Methylperfluorooctane sulfonamidoethanol (N-MeFOSE)	NA	ND (0.001)	ND (0.00095)	-	-	-	-	-	-	-	ND (0.00096)	ND (0.001)	-	-	-	-	-	-	-	ND (0.00095)	ND (0.00097)
Nonafluoro-3,6-dioxaheptanoic acid (NFDHA)	NA	ND (0.0002)	ND (0.00019)	-	-	-	-	-	-	-	ND (0.00019)	ND (0.0002)	-	-	-	-	-	-	-	ND (0.00019)	ND (0.00019)
Perfluoro(2-ethoxyethane) sulphonic acid (PFEESA)	NA	ND (0.0002)	ND (0.00019)	-	-	-	-	-	-	-	ND (0.00019)	ND (0.0002)	-	-	-	-	-	-	-	ND (0.00019)	ND (0.00019)
Perfluoro(4-methoxybutanoic) acid (PFMBA)	NA	ND (0.0002)	ND (0.00019)	-	-	-	-	-	-	-	ND (0.00019)	ND (0.0002)	-	-	-	-	-	-	-	ND (0.00019)	ND (0.00019)
Perfluoro-2-propoxypropanoic acid (PFPrOPrA)(GenX) (HFPO-DA)	NA	ND (0.0002)	ND (0.00019)	-	-	-	-	-	-	-	ND (0.00019)	ND (0.0002)	-	-	-	-	-	-	-	ND (0.00019)	ND (0.00019)
Perfluoro-3-methoxypropanoic acid (PFMPA)	NA	ND (0.0002)	ND (0.00019)	-	-	-	-	-	-	-	ND (0.00019)	ND (0.0002)	-	-	-	-	-	-	-	ND (0.00019)	ND (0.00019)
Perfluorobutanesulfonic acid (PFBS)	NA	ND (0.0002)	ND (0.00019)	-	-	-	-	-	-	-	ND (0.00019)	ND (0.0002)	-	-	-	-	-	-	-	ND (0.00019)	ND (0.00019)
Perfluorobutanoic acid (PFBA)	NA	ND (0.0004)	ND (0.00038)	-	-	-	-	-	-	-	ND (0.00038)	ND (0.0004)	-	-	-	-	-	-	-	ND (0.00038)	ND (0.00039)
Perfluorodecanesulfonic acid (PFDS)	NA	ND (0.0002)	ND (0.00019)	-	-	-	-	-	-	-	ND (0.00019)	ND (0.0002)	-	-	-	-	-	-	-	ND (0.00019)	ND (0.00019)
Perfluorodecanoic acid (PFDA)	NA	0.000082 J	ND (0.00019)	-	-	-	-	-	-	-	0.00041	0.00081	-	-	-	-	-	-	-	0.00044	ND (0.00019)
Perfluorododecane sulfonic acid (PFDoDS)	NA	ND (0.0002)	ND (0.00019)	-	-	-	-	-	-	-	ND (0.00019)	ND (0.0002)	-	-	-	-	-	-	-	ND (0.00019)	ND (0.00019)
Perfluorododecanoic acid (PFDoDA)	NA	0.00033	0.0002	-	-	-	-	-	-	-	0.00038	0.00063	-	-	-	-	-	-	-	0.00018 J	ND (0.00019)
Perfluoroheptanesulfonic acid (PFHpS)	NA	ND (0.0002)	ND (0.00019)	-	-	-	-	-	-	-	ND (0.00019)	ND (0.0002)	-	-	-	-	-	-	-	ND (0.00019)	ND (0.00019)
Perfluoroheptanoic acid (PFHpA)	NA	ND (0.0002)	ND (0.00019)	-	-	-	-	-	-	-	0.00012 J	0.00029	-	-	-	-	-	-	-	0.00011 J	ND (0.00019)
Perfluorohexanesulfonic acid (PFHxS)	NA	ND (0.0002)	ND (0.00019)	-	-	-	-	-	-	-	ND (0.00019)	ND (0.0002)	-	-	-	-	-	-	-	ND (0.00019)	ND (0.00019)
Perfluorohexanoic acid (PFHxA)	NA	ND (0.0002)	ND (0.00019)	-	-	-	-	-	-	-	ND (0.00019)	0.0001 J	-	-	-	-	-	-	-	ND (0.00019)	ND (0.00019)
Perfluorononane sulfonic acid (PFNS)	NA	ND (0.0002)	ND (0.00019)	-	-	-	-	-	-	-	ND (0.00019)	ND (0.0002)	-	-	-	-	-	-	-	ND (0.00019)	ND (0.00019)
Perfluorononanoic acid (PFNA)	NA	0.0003	0.00033	-	-	-	-	-	-	-	0.00046	0.0186	-	-	-	-	-	-	-	0.00035	ND (0.00019)
Perfluorooctane sulfonamide (PFOSA)	NA	ND (0.0002)	ND (0.00019)	-	-	-	-	-	-	-	ND (0.00019)	ND (0.0002)	-	-	-	-	-	-	-	ND (0.00019)	ND (0.00019)
Perfluorooctanesulfonic acid (PFOS)	0.44	ND (0.0002)	ND (0.00019)	-	-	-	-	-	-	-	ND (0.00019)	ND (0.0002)	-	-	-	-	-	-	-	ND (0.00019)	ND (0.00019)
Perfluorooctanoic acid (PFOA)	0.5	ND (0.0002)	0.000059 J	-	-	-	-	-	-	-	0.00011 J	0.00028	-	-	-	-	-	-	-	0.000082 J	ND (0.00019)
Perfluoropentanesulfonic acid (PFPeS)	NA	ND (0.0002)	ND (0.00019)	-	-	-	-	-	-	-	ND (0.00019)	ND (0.0002)	-	-	-	-	-	-	-	ND (0.00019)	ND (0.00019)
Perfluoropentanoic acid (PFPeA)	NA	ND (0.0002)	ND (0.00019)	-	-	-	-	-	-	-	ND (0.00019)	ND (0.0002)	-	-	-	-	-	-	-	ND (0.00019)	ND (0.00019)
Perfluorotetradecanoic acid (PFTeDA)	NA	0.00011 J	0.00011 J	-	-	-	-	-	-	-	ND (0.00019)	0.00029	-	-	-	-	-	-	-	ND (0.00019)	ND (0.00019)
Perfluorotridecanoic acid (PFTrDA)	NA	0.0071	0.00596	-	-	-	-	-	-	-	0.00519	0.0248	-	-	-	-	-	-	-	0.00126	0.00068
Perfluoroundecanoic acid (PFUnDA)	NA	0.00706	0.00237	-	-	-	-	-	-	-	0.00764	0.0433	-	-	-	-	-	-	-	0.00307	0.00082
Pesticides (mg/kg)																					
4,4'-DDD	92	ND (0.0073)	ND (0.0074)	-	-	-	-	-	-	-	ND (0.0074)	ND (0.0076)	-	-	-	-	-	-	-	ND (0.0072)	ND (0.0072)
4,4'-DDE	62	ND (0.0073)	ND (0.0074)	-	-	-	-	-	-	-	ND (0.0074)	ND (0.0076)	-	-	-	-	-	-	-	ND (0.0072)	ND (0.0072)
4,4'-DDT	47	ND (0.0073)	ND (0.0074)	-	-	-	-	-	-	-	ND (0.0074)	ND (0.0076)	-	-	-	-	-	-	-	ND (0.0072)	ND (0.0072)
Aldrin	0.68	ND (0.0073)	ND (0.0074)	-	-	-	-	-	-	-	ND (0.0074)	ND (0.0076)	-	-	-	-	-	-	-	ND (0.0072)	ND (0.0072)
alpha-BHC	3.4	ND (0.0022)	ND (0.0022)	-	-	-	-	-	-	-	ND (0.0022)	ND (0.0023)	-	-	-	-	-	-	-	ND (0.0022)	ND (0.0022)
alpha-Chlordane (cis)	24	ND (0.0073)	ND (0.0074)	-	-	-	-	-	-	-	ND (0.0074)	ND (0.0076)	-	-	-	-	-	-	-	ND (0.0072)	ND (0.0072)
beta-BHC	3	ND (0.0022)	ND (0.0022)	-	-	-	-	-	-	-	ND (0.0022)	ND (0.0023)	-	-	-	-	-	-	-	ND (0.0022)	ND (0.0022)
Chlordane	NA	ND (0.073)	ND (0.074)	-	-	-	-	-	-	-	ND (0.074)	ND (0.076)	-	-	-	-	-	-	-	ND (0.072)	ND (0.072)
delta-BHC	500	ND (0.0022)	ND (0.0022)	-	-	-	-	-	-	-	ND (0.0022)	ND (0.0023)	-	-	-	-	-	-	-	ND (0.0022)	ND (0.0022)
Dieldrin	1.4	ND (0.0022)	ND (0.0022)	-	-	-	-	-	-	-	ND (0.0022)	ND (0.0023)	-	-	-	-	-	-	-	ND (0.0022)	ND (0.0022)
Endosulfan I	200	ND (0.0073)	ND (0.0074)	-	-	-	-	-	-	-	ND (0.0074)	ND (0.0076)	-	-	-	-	-	-	-	ND (0.0072)	ND (0.0072)
Endosulfan II	200	ND (0.0073)	ND (0.0074)	-	-	-	-	-	-	-	ND (0.0074)	ND (0.0076)	-	-	-	-	-	-	-	ND (0.0072)	ND (0.0072)
Endosulfan sulfate	200	ND (0.0073)	ND (0.0074)	-	-	-	-	-	-	-	ND (0.0074)	ND (0.0076)	-	-	-	-	-	-	-	ND (0.0072)	ND (0.0072)
Endrin	89	ND (0.0073)	ND (0.0074)	-	-	-	-	-	-	-	ND (0.0074)	ND (0.0076)	-	-	-	-	-	-	-	ND (0.0072)	ND (0.0072)
Endrin aldehyde	NA	ND (0.0073)	ND (0.0074)	-	-	-	-	-	-	-	ND (0.0074)	ND (0.0076)	-	-	-	-	-	-	-	ND (0.0072)	ND (0.0072)
Endrin ketone	NA	ND (0.0073)	ND (0.0074)	-	-	-	-	-	-	-	ND (0.0074)	ND (0.0076)	-	-	-	-	-	-	-	ND (0.0072)	ND (0.0072)
gamma-BHC (Lindane)	9.2	ND (0.0022)	ND (0.0022)	-	-	-	-	-	-	-	ND (0.0022)	ND (0.0023)	-	-	-	-	-	-	-	ND (0.0022)	ND (0.0022)
Heptachlor	15	ND (0.0073)	ND (0.0074)	-	-	-	-	-	-	-	ND (0.0074)	ND (0.0076)	-	-	-	-	-	-	-	ND (0.0072)	ND (0.0072)
Heptachlor epoxide	NA	ND (0.0073)	ND (0.0074)	-	-	-	-	-	-	-	ND (0.0074)	ND (0.0076)	-	-	-	-	-	-	-	ND (0.0072)	ND (0.0072)
Methoxychlor	NA	ND (0.0073)	ND (0.0074)	-	-	-	-	-	-	-	ND (0.0074)	ND (0.0076)	-	-	-	-	-	-	-	ND (0.0072)	ND (0.0072)
Toxaphene	NA	ND (0.073)	ND (0.074)	-	-	-	-	-	-	-	ND (0.074)	ND (0.076)	-	-	-	-	-	-	-	ND (0.072)	ND (0.072)

TABLE 6
SUMMARY OF SOIL QUALITY DATA - BERM 6
FORMER PORT MOBIL TERMINAL
STATEN ISLAND, NEW YORK
FILE NO. 0208998

Location Name	Criteria	6A	6A	6A1	6A1	6A1	6A2	6A2	6A3	6A3	6B	6B	6B1	6B1	6B1	6B2	6B2	6B3	6B3	6C	6C
Sample Name	NY Part 375 Commercial Use Soil Cleanup Objectives	6A_0-6	6A_6-12	6A1_1-2	6A1_5-6	6A1_10-11	6A2_2-3	6A2_7-8	6A3_4-5	6A3_9-10	6B_0-6	6B_6-12	6B1_1-2	6B1_5-6	6B1_9-10	6B2_3-4	6B2_6-7	6B3_2-3	6B3_8-9	6C_0-6	6C_6-12
Sample Date		10/01/2025	10/01/2025	10/01/2025	10/01/2025	10/01/2025	10/01/2025	10/01/2025	10/01/2025	10/01/2025	10/01/2025	10/01/2025	10/01/2025	10/01/2025	10/01/2025	10/01/2025	10/01/2025	10/01/2025	10/01/2025	10/01/2025	10/01/2025
Lab Sample ID		460-336212-11	460-336212-12	460-336212-52	460-336212-55	460-336212-58	460-336212-53	460-336212-56	460-336212-54	460-336212-57	460-336212-13	460-336212-14	460-336212-59	460-336212-62	460-336212-65	460-336212-60	460-336212-63	460-336212-61	460-336212-64	460-336212-15	460-336212-16
Sample Depth (bgs)		0 - 6 (ft)	6 - 12 (ft)	1 - 2 (ft)	5 - 6 (ft)	10 - 11 (ft)	2 - 3 (ft)	7 - 8 (ft)	4 - 5 (ft)	9 - 10 (ft)	0 - 6 (ft)	6 - 12 (ft)	1 - 2 (ft)	5 - 6 (ft)	9 - 10 (ft)	3 - 4 (ft)	6 - 7 (ft)	2 - 3 (ft)	8 - 9 (ft)	0 - 6 (ft)	6 - 12 (ft)
Polychlorinated Biphenyls (mg/kg)																					
Aroclor-1016 (PCB-1016)	NA	ND (0.073)	ND (0.074)	-	-	-	-	-	-	-	ND (0.074)	ND (0.076)	-	-	-	-	-	-	-	ND (0.072)	ND (0.072)
Aroclor-1221 (PCB-1221)	NA	ND (0.073)	ND (0.074)	-	-	-	-	-	-	-	ND (0.074)	ND (0.076)	-	-	-	-	-	-	-	ND (0.072)	ND (0.072)
Aroclor-1232 (PCB-1232)	NA	ND (0.073)	ND (0.074)	-	-	-	-	-	-	-	ND (0.074)	ND (0.076)	-	-	-	-	-	-	-	ND (0.072)	ND (0.072)
Aroclor-1242 (PCB-1242)	NA	ND (0.073)	ND (0.074)	-	-	-	-	-	-	-	ND (0.074)	ND (0.076)	-	-	-	-	-	-	-	ND (0.072)	ND (0.072)
Aroclor-1248 (PCB-1248)	NA	ND (0.073)	ND (0.074)	-	-	-	-	-	-	-	ND (0.074)	ND (0.076)	-	-	-	-	-	-	-	ND (0.072)	ND (0.072)
Aroclor-1254 (PCB-1254)	NA	ND (0.073)	ND (0.074)	-	-	-	-	-	-	-	ND (0.074)	ND (0.076)	-	-	-	-	-	-	-	ND (0.072)	ND (0.072)
Aroclor-1260 (PCB-1260)	NA	ND (0.073)	ND (0.074)	-	-	-	-	-	-	-	ND (0.074)	ND (0.076)	-	-	-	-	-	-	-	ND (0.072)	ND (0.072)
Aroclor-1262 (PCB-1262)	NA	ND (0.073)	ND (0.074)	-	-	-	-	-	-	-	ND (0.074)	ND (0.076)	-	-	-	-	-	-	-	ND (0.072)	ND (0.072)
Aroclor-1268 (PCB-1268)	NA	ND (0.073)	ND (0.074)	-	-	-	-	-	-	-	ND (0.074)	ND (0.076)	-	-	-	-	-	-	-	ND (0.072)	ND (0.072)
Total PCBs	1	ND (0.073)	ND (0.074)	-	-	-	-	-	-	-	ND (0.074)	ND (0.076)	-	-	-	-	-	-	-	ND (0.072)	ND (0.072)
Inorganic Compounds (mg/kg)																					
Aluminum	NA	10500	10500	-	-	-	-	-	-	-	8690	8930	-	-	-	-	-	-	-	6620	7620
Antimony	NA	0.69 J	0.72 J	-	-	-	-	-	-	-	0.44 J	0.29 J	-	-	-	-	-	-	-	0.49 J	1.7
Arsenic	16	6.6	6.7	-	-	-	-	-	-	-	6.1	4.9	-	-	-	-	-	-	-	5.6	5.4
Barium	400	56.9	59	-	-	-	-	-	-	-	80.1	80	-	-	-	-	-	-	-	49.1	63.4
Beryllium	590	0.75	0.82	-	-	-	-	-	-	-	1.1	0.71	-	-	-	-	-	-	-	0.74	0.66
Cadmium	9.3	0.25 J	0.28 J	-	-	-	-	-	-	-	0.27 J	0.12 J	-	-	-	-	-	-	-	0.17 J	0.24 J
Calcium	NA	1610	1800	-	-	-	-	-	-	-	2020	1560	-	-	-	-	-	-	-	1300	1500
Chromium	NA	27.4	30.8	-	-	-	-	-	-	-	25.5	19.3	-	-	-	-	-	-	-	20.3	20
Cobalt	NA	11	12	-	-	-	-	-	-	-	13	8	-	-	-	-	-	-	-	6.3	8.4
Copper	270	49.9	59.8	-	-	-	-	-	-	-	86.2	29.6	-	-	-	-	-	-	-	40.9	154
Iron	NA	25300	26400	-	-	-	-	-	-	-	22000	19900	-	-	-	-	-	-	-	16800	19200
Lead	1000	93.7	123	-	-	-	-	-	-	-	111	49	-	-	-	-	-	-	-	72.3	123
Magnesium	NA	3230	3540	-	-	-	-	-	-	-	2920	3390	-	-	-	-	-	-	-	2300	2880
Manganese	10000	283	304	-	-	-	-	-	-	-	358	400	-	-	-	-	-	-	-	243	284
Mercury	2.8	0.037	0.03	-	-	-	-	-	-	-	0.022	0.016 J	-	-	-	-	-	-	-	0.025	0.024
Nickel	310	26.6	33.1	-	-	-	-	-	-	-	43.3	19.8	-	-	-	-	-	-	-	18.3	49.8
Potassium	NA	1210	1280	-	-	-	-	-	-	-	1340	1450	-	-	-	-	-	-	-	1100	1310
Selenium	1500	0.4 J	0.36 J	-	-	-	-	-	-	-	0.58 J	0.14 J	-	-	-	-	-	-	-	0.23 J	0.35 J
Silver	1500	0.19 J	0.18 J	-	-	-	-	-	-	-	0.16 J	ND (0.41)	-	-	-	-	-	-	-	0.13 J	1.7
Sodium	NA	108	107	-	-	-	-	-	-	-	111	108	-	-	-	-	-	-	-	73 J	97.3 J
Thallium	NA	0.12 J	0.14 J	-	-	-	-	-	-	-	0.13 J	0.14 J	-	-	-	-	-	-	-	0.095 J	0.13 J
Vanadium	NA	29.7	30.9	-	-	-	-	-	-	-	24.7	24.6	-	-	-	-	-	-	-	21	22.7
Zinc	10000	143	159	-	-	-	-	-	-	-	317	68.1	-	-	-	-	-	-	-	107	117

ABBREVIATIONS AND NOTES:

mg/kg: milligram per kilogram

**: LCS or LCSD is outside acceptance limits.*
-: Not Analyzed
B: Compound was found in the blank and the associated sample.
bgs: below ground surface
ft: feet
J: Value is estimated.
NA: Not Applicable
ND (2.5): Not detected, number in parentheses is the laboratory reporting limit

- For test methods used, see the laboratory data sheets.
- Soil analytical results are compared to the New York State Department of Environmental Conservation (NYSDEC) Title 6 of the Official Compilation of New York Codes, Rules, and Regulations (NYCRR) Part 375 Commercial Use Soil Cleanup Objectives (SCO).
- Grey shading indicates an exceedance of the Commercial Use Soil Cleanup Objectives.

TABLE 6
SUMMARY OF SOIL QUALITY DATA - BERM 6
FORMER PORT MOBIL TERMINAL
STATEN ISLAND, NEW YORK
FILE NO. 0208998

	Criteria																
Location Name	NY Part 375	6C1	6C1	6C2	6C2	6C2	6C3	6C3	6D	6D	6D1	6D1	6D1	6D2	6D2	6D3	6D3
Sample Name	Commercial	6C1_1-2	6C1_5-6	6C2_2-3	6C2_7-8	6C2_10-11	6C3_4-5	6C3_9-10	6D_0-6	6D_6-12	6D1_1-2	6D1_6-7	6D1_10-11	6D2_2-3	6D2_7-8	6D3_4-5	6D3_9-10
Sample Date	Use	10/01/2025	10/01/2025	10/01/2025	10/01/2025	10/01/2025	10/01/2025	10/01/2025	10/02/2025	10/02/2025	10/02/2025	10/02/2025	10/02/2025	10/02/2025	10/02/2025	10/02/2025	10/02/2025
Lab Sample ID	Soil Cleanup	460-336212-66	460-336212-69	460-336212-67	460-336212-70	460-336212-72	460-336212-68	460-336212-71	460-336309-1	460-336309-2	460-336309-19	460-336309-22	460-336309-25	460-336309-20	460-336309-23	460-336309-21	460-336309-24
Sample Depth (bgs)	Objectives	1 - 2 (ft)	5 - 6 (ft)	2 - 3 (ft)	7 - 8 (ft)	10 - 11 (ft)	4 - 5 (ft)	9 - 10 (ft)	0 - 6 (ft)	6 - 12 (ft)	1 - 2 (ft)	6 - 7 (ft)	10 - 11 (ft)	2 - 3 (ft)	7 - 8 (ft)	4 - 5 (ft)	9 - 10 (ft)
Volatile Organic Compounds (mg/kg)																	
1,1,1-Trichloroethane	500	ND (0.0011)	ND (0.00099)	ND (0.00094)	ND (0.0012)	ND (0.00084)	ND (0.0012)	ND (0.0009)	-	-	ND (0.0017)	ND (0.0012)	ND (0.00094)	ND (0.0013)	ND (0.0018)	ND (0.0014)	ND (0.0012)
1,1,2,2-Tetrachloroethane	NA	ND (0.0011)	ND (0.00099)	ND (0.00094)	ND (0.0012)	ND (0.00084)	ND (0.0012)	ND (0.0009)	-	-	ND (0.0017)	ND (0.0012)	ND (0.00094)	ND (0.0013)	ND (0.0018)	ND (0.0014)	ND (0.0012)
1,1,2-Trichloroethane	NA	ND (0.0011)	ND (0.00099)	ND (0.00094)	ND (0.0012)	ND (0.00084)	ND (0.0012)	ND (0.0009)	-	-	ND (0.0017)	ND (0.0012)	ND (0.00094)	ND (0.0013)	ND (0.0018)	ND (0.0014)	ND (0.0012)
1,1-Dichloroethane	240	ND (0.0011)	ND (0.00099)	ND (0.00094)	ND (0.0012)	ND (0.00084)	ND (0.0012)	ND (0.0009)	-	-	ND (0.0017)	ND (0.0012)	ND (0.00094)	ND (0.0013)	ND (0.0018)	ND (0.0014)	ND (0.0012)
1,1-Dichloroethene	500	ND (0.0011)	ND (0.00099)	ND (0.00094)	ND (0.0012)	ND (0.00084)	ND (0.0012)	ND (0.0009)	-	-	ND (0.0017)	ND (0.0012)	ND (0.00094)	ND (0.0013)	ND (0.0018)	ND (0.0014)	ND (0.0012)
1,2,3-Trichlorobenzene	NA	ND (0.0011)	ND (0.00099)	ND (0.00094)	ND (0.0012)	ND (0.00084)	ND (0.0012)	ND (0.0009)	-	-	ND (0.0017)	ND (0.0012)	ND (0.00094)	ND (0.0013)	ND (0.0018)	ND (0.0014)	ND (0.0012)
1,2,4-Trichlorobenzene	NA	ND (0.0011)	ND (0.00099)	ND (0.00094)	ND (0.0012)	ND (0.00084)	ND (0.0012)	ND (0.0009)	-	-	ND (0.0017)	ND (0.0012)	ND (0.00094)	ND (0.0013)	ND (0.0018)	ND (0.0014)	ND (0.0012)
1,2,4-Trimethylbenzene	190	ND (0.0011)	ND (0.00099)	ND (0.00094)	ND (0.0012)	ND (0.00084)	ND (0.0012)	ND (0.0009)	-	-	ND (0.0017)	ND (0.0012)	ND (0.00094)	ND (0.0013)	ND (0.0018)	ND (0.0014)	ND (0.0012)
1,2-Dibromo-3-chloropropane (DBCP)	NA	ND (0.0011)	ND (0.00099)	ND (0.00094)	ND (0.0012)	ND (0.00084)	ND (0.0012)	ND (0.0009)	-	-	ND (0.0017)	ND (0.0012)	ND (0.00094)	ND (0.0013)	ND (0.0018)	ND (0.0014)	ND (0.0012)
1,2-Dibromoethane (Ethylene Dibromide)	NA	ND (0.0011)	ND (0.00099)	ND (0.00094)	ND (0.0012)	ND (0.00084)	ND (0.0012)	ND (0.0009)	-	-	ND (0.0017)	ND (0.0012)	ND (0.00094)	ND (0.0013)	ND (0.0018)	ND (0.0014)	ND (0.0012)
1,2-Dichlorobenzene	500	ND (0.0011)	ND (0.00099)	ND (0.00094)	ND (0.0012)	ND (0.00084)	ND (0.0012)	ND (0.0009)	-	-	ND (0.0017)	ND (0.0012)	ND (0.00094)	ND (0.0013)	ND (0.0018)	ND (0.0014)	ND (0.0012)
1,2-Dichloroethane	30	ND (0.0011)	ND (0.00099)	ND (0.00094)	ND (0.0012)	ND (0.00084)	ND (0.0012)	ND (0.0009)	-	-	ND (0.0017)	ND (0.0012)	ND (0.00094)	ND (0.0013)	ND (0.0018)	ND (0.0014)	ND (0.0012)
1,2-Dichloropropane	NA	ND (0.0011)	ND (0.00099)	ND (0.00094)	ND (0.0012)	ND (0.00084)	ND (0.0012)	ND (0.0009)	-	-	ND (0.0017)	ND (0.0012)	ND (0.00094)	ND (0.0013)	ND (0.0018)	ND (0.0014)	ND (0.0012)
1,3,5-Trimethylbenzene	190	ND (0.0011)	ND (0.00099)	ND (0.00094)	ND (0.0012)	ND (0.00084)	ND (0.0012)	ND (0.0009)	-	-	ND (0.0017)	ND (0.0012)	ND (0.00094)	ND (0.0013)	ND (0.0018)	ND (0.0014)	ND (0.0012)
1,3-Dichlorobenzene	280	ND (0.0011)	ND (0.00099)	ND (0.00094)	ND (0.0012)	ND (0.00084)	ND (0.0012)	ND (0.0009)	-	-	ND (0.0017)	ND (0.0012)	ND (0.00094)	ND (0.0013)	ND (0.0018)	ND (0.0014)	ND (0.0012)
1,4-Dichlorobenzene	130	ND (0.0011)	ND (0.00099)	ND (0.00094)	ND (0.0012)	ND (0.00084)	ND (0.0012)	ND (0.0009)	-	-	ND (0.0017)	ND (0.0012)	ND (0.00094)	ND (0.0013)	ND (0.0018)	ND (0.0014)	ND (0.0012)
2-Butanone (Methyl Ethyl Ketone)	500	ND (0.0057)	ND (0.0049)	ND (0.0047)	ND (0.0061)	ND (0.0042)	ND (0.0062)	ND (0.0045)	-	-	ND (0.0087)	ND (0.0061)	ND (0.0047)	ND (0.0063)	ND (0.009)	ND (0.0072)	ND (0.0058)
2-Hexanone (Methyl Butyl Ketone)	NA	ND (0.0057)	ND (0.0049)	ND (0.0047)	ND (0.0061)	ND (0.0042)	ND (0.0062)	ND (0.0045)	-	-	ND (0.0087)	ND (0.0061)	ND (0.0047)	ND (0.0063)	ND (0.009)	ND (0.0072)	ND (0.0058)
2-Phenylbutane (sec-Butylbenzene)	500	ND (0.0011)	ND (0.00099)	ND (0.00094)	ND (0.0012)	ND (0.00084)	ND (0.0012)	ND (0.0009)	-	-	ND (0.0017)	ND (0.0012)	ND (0.00094)	ND (0.0013)	ND (0.0018)	ND (0.0014)	ND (0.0012)
4-Methyl-2-Pentanone (Methyl Isobutyl Ketone)	NA	ND (0.0057)	ND (0.0049)	ND (0.0047)	ND (0.0061)	ND (0.0042)	ND (0.0062)	ND (0.0045)	-	-	ND (0.0087)	ND (0.0061)	ND (0.0047)	ND (0.0063)	ND (0.009)	ND (0.0072)	ND (0.0058)
Acetone	500	ND (0.0069)	ND (0.0059)	ND (0.0056)	ND (0.0073)	ND (0.0051)	ND (0.0074)	ND (0.0054)	-	-	ND (0.01)	ND (0.0074)	ND (0.0057)	ND (0.0076)	ND (0.011)	ND (0.0086)	ND (0.0069)
Benzene	44	ND (0.0011)	ND (0.00099)	ND (0.00094)	ND (0.0012)	ND (0.00084)	ND (0.0012)	ND (0.0009)	-	-	ND (0.0017)	ND (0.0012)	ND (0.00094)	ND (0.0013)	ND (0.0018)	ND (0.0014)	ND (0.0012)
Bromodichloromethane	NA	ND (0.0011)	ND (0.00099)	ND (0.00094)	ND (0.0012)	ND (0.00084)	ND (0.0012)	ND (0.0009)	-	-	ND (0.0017)	ND (0.0012)	ND (0.00094)	ND (0.0013)	ND (0.0018)	ND (0.0014)	ND (0.0012)
Bromoform	NA	ND (0.0011)	ND (0.00099)	ND (0.00094)	ND (0.0012)	ND (0.00084)	ND (0.0012)	ND (0.0009)	-	-	ND (0.0017)	ND (0.0012)	ND (0.00094)	ND (0.0013)	ND (0.0018)	ND (0.0014)	ND (0.0012)
Bromomethane (Methyl Bromide)	NA	ND (0.0023)	ND (0.002)	ND (0.0019)	ND (0.0024)	ND (0.0017)	ND (0.0025)	ND (0.0018)	-	-	ND (0.0035)	ND (0.0025)	ND (0.0019)	ND (0.0025)	ND (0.0036)	ND (0.0029)	ND (0.0023)
Carbon disulfide	NA	ND (0.0011)	ND (0.00099)	ND (0.00094)	ND (0.0012)	ND (0.00084)	ND (0.0012)	ND (0.0009)	-	-	ND (0.0017)	ND (0.0012)	ND (0.00094)	ND (0.0013)	ND (0.0018)	ND (0.0014)	ND (0.0012)
Carbon tetrachloride	22	ND (0.0011)	ND (0.00099)	ND (0.00094)	ND (0.0012)	ND (0.00084)	ND (0.0012)	ND (0.0009)	-	-	ND (0.0017)	ND (0.0012)	ND (0.00094)	ND (0.0013)	ND (0.0018)	ND (0.0014)	ND (0.0012)
Chlorobenzene	500	ND (0.0011)	ND (0.00099)	ND (0.00094)	ND (0.0012)	ND (0.00084)	ND (0.0012)	ND (0.0009)	-	-	ND (0.0017)	ND (0.0012)	ND (0.00094)	ND (0.0013)	ND (0.0018)	ND (0.0014)	ND (0.0012)
Chlorobromomethane	NA	ND (0.0011)	ND (0.00099)	ND (0.00094)	ND (0.0012)	ND (0.00084)	ND (0.0012)	ND (0.0009)	-	-	ND (0.0017)	ND (0.0012)	ND (0.00094)	ND (0.0013)	ND (0.0018)	ND (0.0014)	ND (0.0012)
Chloroethane	NA	ND (0.0011)	ND (0.00099)	ND (0.00094)	ND (0.0012)	ND (0.00084)	ND (0.0012)	ND (0.0009)	-	-	ND (0.0017)	ND (0.0012)	ND (0.00094)	ND (0.0013)	ND (0.0018)	ND (0.0014)	ND (0.0012)
Chloroform (Trichloromethane)	350	ND (0.0011)	ND (0.00099)	ND (0.00094)	ND (0.0012)	ND (0.00084)	ND (0.0012)	ND (0.0009)	-	-	ND (0.0017)	ND (0.0012)	ND (0.00094)	ND (0.0013)	ND (0.0018)	ND (0.0014)	ND (0.0012)
Chloromethane (Methyl Chloride)	NA	ND (0.0011)	ND (0.00099)	ND (0.00094)	ND (0.0012)	ND (0.00084)	ND (0.0012)	ND (0.0009)	-	-	ND (0.0017)	ND (0.0012)	ND (0.00094)	ND (0.0013)	ND (0.0018)	ND (0.0014)	ND (0.0012)
cis-1,2-Dichloroethene	500	ND (0.0011)	ND (0.00099)	ND (0.00094)	ND (0.0012)	ND (0.00084)	ND (0.0012)	ND (0.0009)	-	-	ND (0.0017)	ND (0.0012)	ND (0.00094)	ND (0.0013)	ND (0.0018)	ND (0.0014)	ND (0.0012)
cis-1,3-Dichloropropene	NA	ND (0.0011)	ND (0.00099)	ND (0.00094)	ND (0.0012)	ND (0.00084)	ND (0.0012)	ND (0.0009)	-	-	ND (0.0017)	ND (0.0012)	ND (0.00094)	ND (0.0013)	ND (0.0018)	ND (0.0014)	ND (0.0012)
Cyclohexane	NA	ND (0.0011)	ND (0.00099)	ND (0.00094)	ND (0.0012)	ND (0.00084)	ND (0.0012)	ND (0.0009)	-	-	ND (0.0017)	ND (0.0012)	ND (0.00094)	ND (0.0013)	ND (0.0018)	ND (0.0014)	ND (0.0012)
Dibromochloromethane	NA	ND (0.0011)	ND (0.00099)	ND (0.00094)	ND (0.0012)	ND (0.00084)	ND (0.0012)	ND (0.0009)	-	-	ND (0.0017)	ND (0.0012)	ND (0.00094)	ND (0.0013)	ND (0.0018)	ND (0.0014)	ND (0.0012)
Dichlorodifluoromethane (CFC-12)	NA	ND (0.0011)	ND (0.00099)	ND (0.00094)	ND (0.0012)	ND (0.00084)	ND (0.0012)	ND (0.0009)	-	-	ND (0.0017)	ND (0.0012)	ND (0.00094)	ND (0.0013)	ND (0.0018)	ND (0.0014)	ND (0.0012)
Ethylbenzene	390	ND (0.0011)	ND (0.00099)	ND (0.00094)	ND (0.0012)	ND (0.00084)	ND (0.0012)	ND (0.0009)	-	-	ND (0.0017)	ND (0.0012)	ND (0.00094)	ND (0.0013)	ND (0.0018)	ND (0.0014)	ND (0.0012)
Isopropylbenzene (Cumene)	NA	ND (0.0011)	ND (0.00099)	ND (0.00094)	ND (0.0012)	ND (0.00084)	ND (0.0012)	ND (0.0009)	-	-	ND (0.0017)	ND (0.0012)	ND (0.00094)	ND (0.0013)	ND (0.0018)	ND (0.0014)	ND (0.0012)
m,p-Xylenes	NA	ND (0.0011)	ND (0.00099)	ND (0.00094)	ND (0.0012)	ND (0.00084)	ND (0.0012)	ND (0.0009)	-	-	ND (0.0017)	ND (0.0012)	ND (0.00094)	ND (0.0013)	ND (0.0018)	ND (0.0014)	ND (0.0012)
Methyl acetate	NA	ND (0.0057)	ND (0.0049)	ND (0.0047)	ND (0.0061)	ND (0.0042)	ND (0.0062)	ND (0.0045)	-	-	ND (0.0087)	ND (0.0061)	ND (0.0047)	ND (0.0063)	ND (0.009)	ND (0.0072)	ND (0.0058)
Methyl Tert Butyl Ether (MTBE)	500	ND (0.0011)	ND (0.00099)	ND (0.00094)	ND (0.0012)	ND (0.00084)	ND (0.0012)	ND (0.0009)	-	-	ND (0.0017)	ND (0.0012)	ND (0.00094)	ND (0.0013)	ND (0.0018)	ND (0.0014)	ND (0.0012)
Methylcyclohexane	NA	ND (0.0011)	ND (0.00099)	ND (0.00094)	ND (0.0012)	ND (0.00084)	ND (0.0012)	ND (0.0009)	-	-	ND (0.0017)	ND (0.0012)	ND (0.00094)	ND (0.0013)	ND (0.0018)	ND (0.0014)	ND (0.0012)
Methylene chloride (Dichloromethane)	500	ND (0.0023)	ND (0.002)	ND (0.0019)	ND (0.0024)	0.002	ND (0.0025)	ND (0.0018)	-	-	0.0085	0.0031	0.0033	0.0045	ND (0.0036)	0.0048	0.0019 J
n-Butylbenzene	500	ND (0.0011)	ND (0.00099)	ND (0.00094)	ND (0.0012)	ND (0.00084)	ND (0.0012)	ND (0.0009)	-	-	ND (0.0017)	ND (0.0012)	ND (0.00094)	ND (0.0013)	ND (0.0018)	ND (0.0014)	ND (0.0012)
n-Propylbenzene	500	ND (0.0011)	ND (0.00099)	ND (0.00094)	ND (0.0012)	ND (0.00084)	ND (0.0012)	ND (0.0009)	-	-	ND (0.0017)	ND (0.0012)	ND (0.00094)	ND (0.0013)	ND (0.0018)	ND (0.0014)	ND (0.0012)
o-Xylene	NA	ND (0.0011)	ND (0.00099)	ND (0.00094)	ND (0.0012)	ND (0.00084)	ND (0.0012)	ND (0.0009)	-	-	ND (0.0017)	ND (0.0012)	ND (0.00094)	ND (0.0013)	ND (0.0018)	ND (0.0014)	ND (0.0012)
Styrene	NA	ND (0.0011)	ND (0.00099)	ND (0.00094)	ND (0.0012)	ND (0.00084)	ND (0.0012)	ND (0.0009)	-	-	ND (0.0017)	ND (0.0012)	ND (0.00094)	ND (0.0013)	ND (0.0018)	ND (0.0014)	ND (0.0012)
tert-Butylbenzene	500	ND (0.0011)	ND (0.00099)	ND (0.00094)	ND (0.0012)	ND (0.00084)	ND (0.0012)	ND (0.0009)	-	-	ND (0.0017)	ND (0.0012)	ND (0.00094)	ND (0.0013)	ND (0.0018)	ND (0.0014)	ND (0.0012)
Tetrachloroethene	150	ND (0.0011)	ND (0.00099)	ND (0.00094)	ND (0.0012)	ND (0.00084)	ND (0.0012)	ND (0.0009)	-	-	ND (0.0017)	ND (0.0012)	ND (0.00094)	ND (0.0013)	ND (0.0018)	ND (0.0014)	ND (0.0012)
Toluene	500	ND (0.0011)	ND (0.00099)	ND (0.00094)	ND (0.0012)	ND (0.00084)	ND (0.0012)	ND (0.0009)	-	-	ND (0.0017)	ND (0.0012)	ND (0.00094)	ND (0.0013)	ND (0.0018)	ND (0.0014)	ND (0.0012)
trans-1,2-Dichloroethene	500	ND (0.0011)	ND (0.00099)	ND (0.00094)	ND (0.0012)	ND (0.00084)	ND (0.0012)	ND (0.0009)	-	-	ND (0.0017)	ND (0.0012)	ND (0.00094)	ND (0.0013)	ND (0.0018)	ND (0.0014)	ND (0.0012)
trans-1,3-Dichloropropene	NA	ND (0.0011)	ND (0.00099)	ND (0.00094)	ND (0.0012)	ND (0.00084)	ND (0.0012)	ND (0.0009)	-	-	ND (0.0017)	ND (0.0012)	ND (0.00094)	ND (0.0013)	ND (0.0018)	ND (0.0014)	ND (0.0012)
Trichloroethene	200	ND (0.0011)	ND (0.00099)	ND (0.00094)	ND (0.0012)	ND (0.00084)	ND (0.0012)	ND (0.0009)	-	-	ND (0.0017)	ND (0.0012)	ND (0.00094)	ND (0.0013)	ND (0.0018)	ND (0.0014)	ND (0.0012)
Trichlorofluoromethane (CFC-11)	NA	ND (0.0011)	ND (0.00099)	ND (0.00094)	ND (0.0012)	ND (0.00084)	ND (0.0012)	ND (0.0009)	-	-	ND (0.0017)	ND (0.0012)	ND (0.00094)	ND (0.0013)	ND (0.0018)	ND (0.0014)	ND (0.0012)
Trifluorotrichloroethane (Freon 113)	NA	ND (0.0011)	ND (0.00099)	ND (0.00094)	ND (0.0012)	ND (0.00084)	ND (0.0012)	ND (0.0009)	-	-	ND (0.0017)	ND (0.0012)	ND (0.00094)	ND (0.0013)	ND (0.0018)	ND (0.0014)	ND (0.0012)
Vinyl chloride	13	ND (0.0011)	ND (0.00099)	ND (0.00094)	ND (0.0012)	ND (0.00084)	ND (0.0012)	ND (0.0009)	-	-	ND (0.0017)	ND (0.0012)	ND (0.00094)	ND (0.0013)	ND (0.0018)	ND (0.0014)	ND (0.0012)
Xylene (Total)	500	ND (0.0023)	ND (0.002)	ND (0.0019)	ND (0.0024)	ND (0.0017)	ND (0.0025)	ND (0.0018)	-	-	ND (0.0035)	ND (0.0025)	ND (0.0019)	ND (0.0025)	ND (0.0036)	ND (0.0029)	ND (0.0023)

TABLE 6
SUMMARY OF SOIL QUALITY DATA - BERM 6
FORMER PORT MOBIL TERMINAL
STATEN ISLAND, NEW YORK
FILE NO. 0208998

	Criteria																
Location Name	NY Part 375	6C1	6C1	6C2	6C2	6C2	6C3	6C3	6D	6D	6D1	6D1	6D1	6D2	6D2	6D3	6D3
Sample Name	Commercial	6C1_1-2	6C1_5-6	6C2_2-3	6C2_7-8	6C2_10-11	6C3_4-5	6C3_9-10	6D_0-6	6D_6-12	6D1_1-2	6D1_6-7	6D1_10-11	6D2_2-3	6D2_7-8	6D3_4-5	6D3_9-10
Sample Date	Use	10/01/2025	10/01/2025	10/01/2025	10/01/2025	10/01/2025	10/01/2025	10/01/2025	10/02/2025	10/02/2025	10/02/2025	10/02/2025	10/02/2025	10/02/2025	10/02/2025	10/02/2025	10/02/2025
Lab Sample ID	Soil Cleanup	460-336212-66	460-336212-69	460-336212-67	460-336212-70	460-336212-72	460-336212-68	460-336212-71	460-336309-1	460-336309-2	460-336309-19	460-336309-22	460-336309-25	460-336309-20	460-336309-23	460-336309-21	460-336309-24
Sample Depth (bgs)	Objectives	1 - 2 (ft)	5 - 6 (ft)	2 - 3 (ft)	7 - 8 (ft)	10 - 11 (ft)	4 - 5 (ft)	9 - 10 (ft)	0 - 6 (ft)	6 - 12 (ft)	1 - 2 (ft)	6 - 7 (ft)	10 - 11 (ft)	2 - 3 (ft)	7 - 8 (ft)	4 - 5 (ft)	9 - 10 (ft)
Semi-Volatile Organic Compounds (mg/kg)																	
1,2,4,5-Tetrachlorobenzene	NA	-	-	-	-	-	-	-	ND (0.34)	ND (0.35)	-	-	-	-	-	-	-
1,4-Dioxane	130	-	-	-	-	-	-	-	ND (0.034)	ND (0.035)	-	-	-	-	-	-	-
2,2'-oxybis(1-Chloropropane)	NA	-	-	-	-	-	-	-	ND (0.34)	ND (0.35)	-	-	-	-	-	-	-
2,3,4,6-Tetrachlorophenol	NA	-	-	-	-	-	-	-	ND (0.34)	ND (0.35)	-	-	-	-	-	-	-
2,4,5-Trichlorophenol	NA	-	-	-	-	-	-	-	ND (0.34)	ND (0.35)	-	-	-	-	-	-	-
2,4,6-Trichlorophenol	NA	-	-	-	-	-	-	-	ND (0.14)	ND (0.14)	-	-	-	-	-	-	-
2,4-Dichlorophenol	NA	-	-	-	-	-	-	-	ND (0.14)	ND (0.14)	-	-	-	-	-	-	-
2,4-Dimethylphenol	NA	-	-	-	-	-	-	-	ND (0.34)	ND (0.35)	-	-	-	-	-	-	-
2,4-Dinitrophenol	NA	-	-	-	-	-	-	-	ND (0.28)	ND (0.28)	-	-	-	-	-	-	-
2,4-Dinitrotoluene	NA	-	-	-	-	-	-	-	ND (0.07)	ND (0.07)	-	-	-	-	-	-	-
2,6-Dinitrotoluene	NA	-	-	-	-	-	-	-	ND (0.07)	ND (0.07)	-	-	-	-	-	-	-
2-Chloronaphthalene	NA	-	-	-	-	-	-	-	ND (0.34)	ND (0.35)	-	-	-	-	-	-	-
2-Chlorophenol	NA	-	-	-	-	-	-	-	ND (0.34)	ND (0.35)	-	-	-	-	-	-	-
2-Methylnaphthalene	NA	-	-	-	-	-	-	-	ND (0.34)	ND (0.35)	-	-	-	-	-	-	-
2-Methylphenol (o-Cresol)	500	-	-	-	-	-	-	-	ND (0.34)	ND (0.35)	-	-	-	-	-	-	-
2-Nitroaniline	NA	-	-	-	-	-	-	-	ND (0.34)	ND (0.35)	-	-	-	-	-	-	-
2-Nitrophenol	NA	-	-	-	-	-	-	-	ND (0.34)	ND (0.35)	-	-	-	-	-	-	-
3&4-Methylphenol	NA	-	-	-	-	-	-	-	ND (0.34)	ND (0.35)	-	-	-	-	-	-	-
3,3'-Dichlorobenzidine	NA	-	-	-	-	-	-	-	ND (0.14)	ND (0.14)	-	-	-	-	-	-	-
3-Nitroaniline	NA	-	-	-	-	-	-	-	ND (0.34)	ND (0.35)	-	-	-	-	-	-	-
4,6-Dinitro-2-methylphenol	NA	-	-	-	-	-	-	-	ND (0.28)	ND (0.28)	-	-	-	-	-	-	-
4-Bromophenyl phenyl ether (BDE-3)	NA	-	-	-	-	-	-	-	ND (0.34)	ND (0.35)	-	-	-	-	-	-	-
4-Chloro-3-methylphenol	NA	-	-	-	-	-	-	-	ND (0.34)	ND (0.35)	-	-	-	-	-	-	-
4-Chloroaniline	NA	-	-	-	-	-	-	-	ND (0.34)	ND (0.35)	-	-	-	-	-	-	-
4-Chlorophenyl phenyl ether	NA	-	-	-	-	-	-	-	ND (0.34)	ND (0.35)	-	-	-	-	-	-	-
4-Methylphenol	500	-	-	-	-	-	-	-	ND (0.34)	ND (0.35)	-	-	-	-	-	-	-
4-Nitroaniline	NA	-	-	-	-	-	-	-	ND (0.34)	ND (0.35)	-	-	-	-	-	-	-
4-Nitrophenol	NA	-	-	-	-	-	-	-	ND (0.7)	ND (0.7)	-	-	-	-	-	-	-
Acenaphthene	500	-	-	-	-	-	-	-	ND (0.34)	ND (0.35)	-	-	-	-	-	-	-
Acenaphthylene	500	-	-	-	-	-	-	-	ND (0.34)	ND (0.35)	-	-	-	-	-	-	-
Acetophenone	NA	-	-	-	-	-	-	-	ND (0.34)	ND (0.35)	-	-	-	-	-	-	-
Anthracene	500	-	-	-	-	-	-	-	ND (0.34)	ND (0.35)	-	-	-	-	-	-	-
Atrazine	NA	-	-	-	-	-	-	-	ND (0.14) *	ND (0.14) *	-	-	-	-	-	-	-
Benzaldehyde	NA	-	-	-	-	-	-	-	ND (0.34) *	ND (0.35) *	-	-	-	-	-	-	-
Benzo(a)anthracene	5.6	-	-	-	-	-	-	-	ND (0.034)	ND (0.035)	-	-	-	-	-	-	-
Benzo(a)pyrene	1	-	-	-	-	-	-	-	ND (0.034)	ND (0.035)	-	-	-	-	-	-	-
Benzo(b)fluoranthene	5.6	-	-	-	-	-	-	-	ND (0.034)	ND (0.035)	-	-	-	-	-	-	-
Benzo(g,h,i)perylene	500	-	-	-	-	-	-	-	ND (0.34)	ND (0.35)	-	-	-	-	-	-	-
Benzo(k)fluoranthene	56	-	-	-	-	-	-	-	ND (0.034)	ND (0.035)	-	-	-	-	-	-	-
Biphenyl	NA	-	-	-	-	-	-	-	ND (0.34)	ND (0.35)	-	-	-	-	-	-	-
bis(2-Chloroethoxy)methane	NA	-	-	-	-	-	-	-	ND (0.34)	ND (0.35)	-	-	-	-	-	-	-
bis(2-Chloroethyl)ether	NA	-	-	-	-	-	-	-	ND (0.034)	ND (0.035)	-	-	-	-	-	-	-
bis(2-Ethylhexyl)phthalate	NA	-	-	-	-	-	-	-	ND (0.34)	ND (0.35)	-	-	-	-	-	-	-
Butyl benzylphthalate (BBP)	NA	-	-	-	-	-	-	-	ND (0.34)	ND (0.35)	-	-	-	-	-	-	-
Caprolactam	NA	-	-	-	-	-	-	-	ND (0.34) *	ND (0.35) *	-	-	-	-	-	-	-
Carbazole	NA	-	-	-	-	-	-	-	ND (0.34)	ND (0.35)	-	-	-	-	-	-	-
Chrysene	56	-	-	-	-	-	-	-	ND (0.34)	ND (0.35)	-	-	-	-	-	-	-
Dibenz(a,h)anthracene	0.56	-	-	-	-	-	-	-	ND (0.034)	ND (0.035)	-	-	-	-	-	-	-
Dibenzofuran	350	-	-	-	-	-	-	-	ND (0.34)	ND (0.35)	-	-	-	-	-	-	-
Diethyl phthalate	NA	-	-	-	-	-	-	-	ND (0.34)	ND (0.35)	-	-	-	-	-	-	-
Dimethyl phthalate	NA	-	-	-	-	-	-	-	ND (0.34)	ND (0.35)	-	-	-	-	-	-	-
Di-n-butylphthalate (DBP)	NA	-	-	-	-	-	-	-	ND (0.34)	ND (0.35)	-	-	-	-	-	-	-
Di-n-octyl phthalate (DnOP)	NA	-	-	-	-	-	-	-	ND (0.34)	ND (0.35)	-	-	-	-	-	-	-
Fluoranthene	500	-	-	-	-	-	-	-	ND (0.34)	ND (0.35)	-	-	-	-	-	-	-
Fluorene	500	-	-	-	-	-	-	-	ND (0.34)	ND (0.35)	-	-	-	-	-	-	-
Hexachlorobenzene	6	-	-	-	-	-	-	-	ND (0.034)	ND (0.035)	-	-	-	-	-	-	-
Hexachlorobutadiene	NA	-	-	-	-	-	-	-	ND (0.07)	ND (0.07)	-	-	-	-	-	-	-
Hexachlorocyclopentadiene	NA	-	-	-	-	-	-	-	ND (0.34)	ND (0.35)	-	-	-	-	-	-	-
Hexachloroethane	NA	-	-	-	-	-	-	-	ND (0.034)	ND (0.035)	-	-	-	-	-	-	-
Indeno(1,2,3-cd)pyrene	5.6	-	-	-	-	-	-	-	ND (0.034)	ND (0.035)	-	-	-	-	-	-	-
Isophorone	NA	-	-	-	-	-	-	-	ND (0.14)	ND (0.14)	-	-	-	-	-	-	-
Naphthalene	500	-	-	-	-	-	-	-	ND (0.34)	ND (0.35)	-	-	-	-	-	-	-
Nitrobenzene	NA	-	-	-	-	-	-	-	ND (0.034)	ND (0.035)	-	-	-	-	-	-	-
N-Nitrosodi-n-propylamine	NA	-	-	-	-	-	-	-	ND (0.034)	ND (0.035)	-	-	-	-	-	-	-
N-Nitrosodiphenylamine	NA	-	-	-	-	-	-	-	ND (0.34)	ND (0.35)	-	-	-	-	-	-	-
Pentachlorophenol	6.7	-	-	-	-	-	-	-	ND (0.28)	ND (0.28)	-	-	-	-	-	-	-
Phenanthrene	500	-	-	-	-	-	-	-	ND (0.34)	ND (0.35)	-	-	-	-	-	-	-
Phenol	500	-	-	-	-	-	-	-	ND (0.34)	ND (0.35)	-	-	-	-	-	-	-
Pyrene	500	-	-	-	-	-	-	-	ND (0.34)	0.0094 J	-	-	-	-	-	-	-

TABLE 6
SUMMARY OF SOIL QUALITY DATA - BERM 6
FORMER PORT MOBIL TERMINAL
STATEN ISLAND, NEW YORK
FILE NO. 0208998

	Criteria																
Location Name	NY Part 375	6C1	6C1	6C2	6C2	6C2	6C3	6C3	6D	6D	6D1	6D1	6D1	6D2	6D2	6D3	6D3
Sample Name	Commercial	6C1_1-2	6C1_5-6	6C2_2-3	6C2_7-8	6C2_10-11	6C3_4-5	6C3_9-10	6D_0-6	6D_6-12	6D1_1-2	6D1_6-7	6D1_10-11	6D2_2-3	6D2_7-8	6D3_4-5	6D3_9-10
Sample Date	Use	10/01/2025	10/01/2025	10/01/2025	10/01/2025	10/01/2025	10/01/2025	10/01/2025	10/02/2025	10/02/2025	10/02/2025	10/02/2025	10/02/2025	10/02/2025	10/02/2025	10/02/2025	10/02/2025
Lab Sample ID	Soil Cleanup	460-336212-66	460-336212-69	460-336212-67	460-336212-70	460-336212-72	460-336212-68	460-336212-71	460-336309-1	460-336309-2	460-336309-19	460-336309-22	460-336309-25	460-336309-20	460-336309-23	460-336309-21	460-336309-24
Sample Depth (bgs)	Objectives	1 - 2 (ft)	5 - 6 (ft)	2 - 3 (ft)	7 - 8 (ft)	10 - 11 (ft)	4 - 5 (ft)	9 - 10 (ft)	0 - 6 (ft)	6 - 12 (ft)	1 - 2 (ft)	6 - 7 (ft)	10 - 11 (ft)	2 - 3 (ft)	7 - 8 (ft)	4 - 5 (ft)	9 - 10 (ft)
PFAS (mg/kg)																	
11-Chloroeicosafluoro-3-Oxaundecane-1-Sulfonic Acid (11Cl-PF3OUdS)	NA	-	-	-	-	-	-	-	ND (0.0002)	ND (0.0002)	-	-	-	-	-	-	-
2H,2H,3H,3H-Perfluorooctanoic acid (5:3 FTCA)	NA	-	-	-	-	-	-	-	ND (0.00099)	ND (0.00099)	-	-	-	-	-	-	-
3-(Perfluoroheptyl)propanoic acid (7:3 FTCA)	NA	-	-	-	-	-	-	-	ND (0.00099)	ND (0.00099)	-	-	-	-	-	-	-
3:3 Fluorotelomer carboxylic acid (3:3 FTCA)	NA	-	-	-	-	-	-	-	ND (0.0004)	ND (0.0004)	-	-	-	-	-	-	-
4,8-Dioxa-3H-Perfluorononanoic Acid (ADONA)	NA	-	-	-	-	-	-	-	ND (0.0002)	ND (0.0002)	-	-	-	-	-	-	-
4:2 Fluorotelomer sulfonic acid (4:2 FTS)	NA	-	-	-	-	-	-	-	ND (0.0004)	ND (0.0004)	-	-	-	-	-	-	-
6:2 Fluorotelomer sulfonic acid (6:2 FTS)	NA	-	-	-	-	-	-	-	ND (0.0004)	ND (0.0004)	-	-	-	-	-	-	-
8:2 Fluorotelomer sulfonic acid (8:2 FTS)	NA	-	-	-	-	-	-	-	ND (0.0004)	ND (0.0004)	-	-	-	-	-	-	-
9-Chlorohexadecafluoro-3-Oxanone-1-Sulfonic Acid (9Cl-PF3ONS)	NA	-	-	-	-	-	-	-	ND (0.0002)	ND (0.0002)	-	-	-	-	-	-	-
N-Ethyl Perfluorooctanesulfonamidoacetic Acid (NEtFOSAA)	NA	-	-	-	-	-	-	-	ND (0.0002)	ND (0.0002)	-	-	-	-	-	-	-
N-Ethylperfluorooctane sulfonamide (N-EtFOSA)	NA	-	-	-	-	-	-	-	ND (0.0002)	ND (0.0002)	-	-	-	-	-	-	-
N-Ethylperfluorooctane sulfonamidoethanol (N-EtFOSE)	NA	-	-	-	-	-	-	-	ND (0.00099)	ND (0.00099)	-	-	-	-	-	-	-
N-Methyl Perfluorooctanesulfonamidoacetic Acid (NMeFOSAA)	NA	-	-	-	-	-	-	-	ND (0.0002)	ND (0.0002)	-	-	-	-	-	-	-
N-Methylperfluorooctane sulfonamide (N-MeFOSA)	NA	-	-	-	-	-	-	-	ND (0.0002)	ND (0.0002)	-	-	-	-	-	-	-
N-Methylperfluorooctane sulfonamidoethanol (N-MeFOSE)	NA	-	-	-	-	-	-	-	ND (0.00099)	ND (0.00099)	-	-	-	-	-	-	-
Nonafluoro-3,6-dioxaheptanoic acid (NFDHA)	NA	-	-	-	-	-	-	-	ND (0.0002)	ND (0.0002)	-	-	-	-	-	-	-
Perfluoro(2-ethoxyethane) sulphonic acid (PFEESA)	NA	-	-	-	-	-	-	-	ND (0.0002)	ND (0.0002)	-	-	-	-	-	-	-
Perfluoro(4-methoxybutanoic) acid (PFMBA)	NA	-	-	-	-	-	-	-	ND (0.0002)	ND (0.0002)	-	-	-	-	-	-	-
Perfluoro-2-propoxypropanoic acid (PFPrOPrA)(GenX) (HFPO-DA)	NA	-	-	-	-	-	-	-	ND (0.0002)	ND (0.0002)	-	-	-	-	-	-	-
Perfluoro-3-methoxypropanoic acid (PFMPA)	NA	-	-	-	-	-	-	-	ND (0.0002)	ND (0.0002)	-	-	-	-	-	-	-
Perfluorobutanesulfonic acid (PFBS)	NA	-	-	-	-	-	-	-	ND (0.0002)	ND (0.0002)	-	-	-	-	-	-	-
Perfluorobutanoic acid (PFBA)	NA	-	-	-	-	-	-	-	ND (0.0004)	ND (0.0004)	-	-	-	-	-	-	-
Perfluorodecanesulfonic acid (PFDS)	NA	-	-	-	-	-	-	-	ND (0.0002)	ND (0.0002)	-	-	-	-	-	-	-
Perfluorodecanoic acid (PFDA)	NA	-	-	-	-	-	-	-	0.00022	0.00014 J	-	-	-	-	-	-	-
Perfluorododecane sulfonic acid (PFDoDS)	NA	-	-	-	-	-	-	-	ND (0.0002)	ND (0.0002)	-	-	-	-	-	-	-
Perfluorododecanoic acid (PFDoDA)	NA	-	-	-	-	-	-	-	0.00016 J	ND (0.0002)	-	-	-	-	-	-	-
Perfluoroheptanesulfonic acid (PFHpS)	NA	-	-	-	-	-	-	-	ND (0.0002)	ND (0.0002)	-	-	-	-	-	-	-
Perfluoroheptanoic acid (PFHpA)	NA	-	-	-	-	-	-	-	ND (0.0002)	ND (0.0002)	-	-	-	-	-	-	-
Perfluorohexanesulfonic acid (PFHxS)	NA	-	-	-	-	-	-	-	ND (0.0002)	ND (0.0002)	-	-	-	-	-	-	-
Perfluorohexanoic acid (PFHxA)	NA	-	-	-	-	-	-	-	ND (0.0002)	ND (0.0002)	-	-	-	-	-	-	-
Perfluorononane sulfonic acid (PFNS)	NA	-	-	-	-	-	-	-	ND (0.0002)	ND (0.0002)	-	-	-	-	-	-	-
Perfluorononanoic acid (PFNA)	NA	-	-	-	-	-	-	-	0.00012 J	0.00031	-	-	-	-	-	-	-
Perfluorooctane sulfonamide (PFOSA)	NA	-	-	-	-	-	-	-	ND (0.0002)	ND (0.0002)	-	-	-	-	-	-	-
Perfluorooctanesulfonic acid (PFOS)	0.44	-	-	-	-	-	-	-	ND (0.0002)	ND (0.0002)	-	-	-	-	-	-	-
Perfluorooctanoic acid (PFOA)	0.5	-	-	-	-	-	-	-	ND (0.0002)	ND (0.0002)	-	-	-	-	-	-	-
Perfluoropentanesulfonic acid (PFPeS)	NA	-	-	-	-	-	-	-	ND (0.0002)	ND (0.0002)	-	-	-	-	-	-	-
Perfluoropentanoic acid (PFPeA)	NA	-	-	-	-	-	-	-	ND (0.0002)	ND (0.0002)	-	-	-	-	-	-	-
Perfluorotetradecanoic acid (PFTeDA)	NA	-	-	-	-	-	-	-	ND (0.0002)	ND (0.0002)	-	-	-	-	-	-	-
Perfluorotridecanoic acid (PFTrDA)	NA	-	-	-	-	-	-	-	0.00175	0.00147	-	-	-	-	-	-	-
Perfluoroundecanoic acid (PFUnDA)	NA	-	-	-	-	-	-	-	0.00186	0.00211	-	-	-	-	-	-	-
Pesticides (mg/kg)																	
4,4'-DDD	92	-	-	-	-	-	-	-	ND (0.007)	ND (0.0071)	-	-	-	-	-	-	-
4,4'-DDE	62	-	-	-	-	-	-	-	ND (0.007)	ND (0.0071)	-	-	-	-	-	-	-
4,4'-DDT	47	-	-	-	-	-	-	-	ND (0.007)	ND (0.0071)	-	-	-	-	-	-	-
Aldrin	0.68	-	-	-	-	-	-	-	ND (0.007)	ND (0.0071)	-	-	-	-	-	-	-
alpha-BHC	3.4	-	-	-	-	-	-	-	ND (0.0021)	ND (0.0021)	-	-	-	-	-	-	-
alpha-Chlordane (cis)	24	-	-	-	-	-	-	-	ND (0.007)	ND (0.0071)	-	-	-	-	-	-	-
beta-BHC	3	-	-	-	-	-	-	-	ND (0.0021)	ND (0.0021)	-	-	-	-	-	-	-
Chlordane	NA	-	-	-	-	-	-	-	ND (0.07)	ND (0.071)	-	-	-	-	-	-	-
delta-BHC	500	-	-	-	-	-	-	-	ND (0.0021)	ND (0.0021)	-	-	-	-	-	-	-
Dieldrin	1.4	-	-	-	-	-	-	-	ND (0.0021)	ND (0.0021)	-	-	-	-	-	-	-
Endosulfan I	200	-	-	-	-	-	-	-	ND (0.007)	ND (0.0071)	-	-	-	-	-	-	-
Endosulfan II	200	-	-	-	-	-	-	-	ND (0.007)	ND (0.0071)	-	-	-	-	-	-	-
Endosulfan sulfate	200	-	-	-	-	-	-	-	ND (0.007)	ND (0.0071)	-	-	-	-	-	-	-
Endrin	89	-	-	-	-	-	-	-	ND (0.007)	ND (0.0071)	-	-	-	-	-	-	-
Endrin aldehyde	NA	-	-	-	-	-	-	-	ND (0.007)	ND (0.0071)	-	-	-	-	-	-	-
Endrin ketone	NA	-	-	-	-	-	-	-	ND (0.007)	ND (0.0071)	-	-	-	-	-	-	-
gamma-BHC (Lindane)	9.2	-	-	-	-	-	-	-	ND (0.0021)	ND (0.0021)	-	-	-	-	-	-	-
Heptachlor	15	-	-	-	-	-	-	-	ND (0.007)	ND (0.0071)	-	-	-	-	-	-	-
Heptachlor epoxide	NA	-	-	-	-	-	-	-	ND (0.007)	ND (0.0071)	-	-	-	-	-	-	-
Methoxychlor	NA	-	-	-	-	-	-	-	ND (0.007)	ND (0.0071)	-	-	-	-	-	-	-
Toxaphene	NA	-	-	-	-	-	-	-	ND (0.07)	ND (0.071)	-	-	-	-	-	-	-

TABLE 6
SUMMARY OF SOIL QUALITY DATA - BERM 6
FORMER PORT MOBIL TERMINAL
STATEN ISLAND, NEW YORK
FILE NO. 0208998

	Criteria																
Location Name	NY Part 375	6C1	6C1	6C2	6C2	6C2	6C3	6C3	6D	6D	6D1	6D1	6D1	6D2	6D2	6D3	6D3
Sample Name	Commercial	6C1_1-2	6C1_5-6	6C2_2-3	6C2_7-8	6C2_10-11	6C3_4-5	6C3_9-10	6D_0-6	6D_6-12	6D1_1-2	6D1_6-7	6D1_10-11	6D2_2-3	6D2_7-8	6D3_4-5	6D3_9-10
Sample Date	Use	10/01/2025	10/01/2025	10/01/2025	10/01/2025	10/01/2025	10/01/2025	10/01/2025	10/02/2025	10/02/2025	10/02/2025	10/02/2025	10/02/2025	10/02/2025	10/02/2025	10/02/2025	10/02/2025
Lab Sample ID	Soil Cleanup	460-336212-66	460-336212-69	460-336212-67	460-336212-70	460-336212-72	460-336212-68	460-336212-71	460-336309-1	460-336309-2	460-336309-19	460-336309-22	460-336309-25	460-336309-20	460-336309-23	460-336309-21	460-336309-24
Sample Depth (bgs)	Objectives	1 - 2 (ft)	5 - 6 (ft)	2 - 3 (ft)	7 - 8 (ft)	10 - 11 (ft)	4 - 5 (ft)	9 - 10 (ft)	0 - 6 (ft)	6 - 12 (ft)	1 - 2 (ft)	6 - 7 (ft)	10 - 11 (ft)	2 - 3 (ft)	7 - 8 (ft)	4 - 5 (ft)	9 - 10 (ft)
Polychlorinated Biphenyls (mg/kg)																	
Aroclor-1016 (PCB-1016)	NA	-	-	-	-	-	-	-	ND (0.07)	ND (0.071)	-	-	-	-	-	-	-
Aroclor-1221 (PCB-1221)	NA	-	-	-	-	-	-	-	ND (0.07)	ND (0.071)	-	-	-	-	-	-	-
Aroclor-1232 (PCB-1232)	NA	-	-	-	-	-	-	-	ND (0.07)	ND (0.071)	-	-	-	-	-	-	-
Aroclor-1242 (PCB-1242)	NA	-	-	-	-	-	-	-	ND (0.07)	ND (0.071)	-	-	-	-	-	-	-
Aroclor-1248 (PCB-1248)	NA	-	-	-	-	-	-	-	ND (0.07)	ND (0.071)	-	-	-	-	-	-	-
Aroclor-1254 (PCB-1254)	NA	-	-	-	-	-	-	-	ND (0.07)	ND (0.071)	-	-	-	-	-	-	-
Aroclor-1260 (PCB-1260)	NA	-	-	-	-	-	-	-	ND (0.07)	ND (0.071)	-	-	-	-	-	-	-
Aroclor-1262 (PCB-1262)	NA	-	-	-	-	-	-	-	ND (0.07)	ND (0.071)	-	-	-	-	-	-	-
Aroclor-1268 (PCB-1268)	NA	-	-	-	-	-	-	-	ND (0.07)	ND (0.071)	-	-	-	-	-	-	-
Total PCBs	1	-	-	-	-	-	-	-	ND (0.07)	ND (0.071)	-	-	-	-	-	-	-
Inorganic Compounds (mg/kg)																	
Aluminum	NA	-	-	-	-	-	-	-	8880	9440	-	-	-	-	-	-	-
Antimony	NA	-	-	-	-	-	-	-	0.41 J	0.44 J	-	-	-	-	-	-	-
Arsenic	16	-	-	-	-	-	-	-	5.9	6.3	-	-	-	-	-	-	-
Barium	400	-	-	-	-	-	-	-	63.9	60.4	-	-	-	-	-	-	-
Beryllium	590	-	-	-	-	-	-	-	0.57	0.64	-	-	-	-	-	-	-
Cadmium	9.3	-	-	-	-	-	-	-	0.2 J	0.2 J	-	-	-	-	-	-	-
Calcium	NA	-	-	-	-	-	-	-	1160	1280	-	-	-	-	-	-	-
Chromium	NA	-	-	-	-	-	-	-	19.2	21.6	-	-	-	-	-	-	-
Cobalt	NA	-	-	-	-	-	-	-	8.3	8.6	-	-	-	-	-	-	-
Copper	270	-	-	-	-	-	-	-	38	44.2	-	-	-	-	-	-	-
Iron	NA	-	-	-	-	-	-	-	21400	20900	-	-	-	-	-	-	-
Lead	1000	-	-	-	-	-	-	-	57.9	70.4	-	-	-	-	-	-	-
Magnesium	NA	-	-	-	-	-	-	-	3470	3850	-	-	-	-	-	-	-
Manganese	10000	-	-	-	-	-	-	-	383	336	-	-	-	-	-	-	-
Mercury	2.8	-	-	-	-	-	-	-	0.036	0.038	-	-	-	-	-	-	-
Nickel	310	-	-	-	-	-	-	-	20	29.8	-	-	-	-	-	-	-
Potassium	NA	-	-	-	-	-	-	-	1350	1190	-	-	-	-	-	-	-
Selenium	1500	-	-	-	-	-	-	-	0.22 J	0.31 J	-	-	-	-	-	-	-
Silver	1500	-	-	-	-	-	-	-	0.14 J	0.16 J	-	-	-	-	-	-	-
Sodium	NA	-	-	-	-	-	-	-	91.2 J	98.4	-	-	-	-	-	-	-
Thallium	NA	-	-	-	-	-	-	-	0.12 J	0.13 J	-	-	-	-	-	-	-
Vanadium	NA	-	-	-	-	-	-	-	23.1	25.1	-	-	-	-	-	-	-
Zinc	10000	-	-	-	-	-	-	-	67.6	84.5	-	-	-	-	-	-	-

ABBREVIATIONS AND NOTES:

mg/kg: milligram per kilogram

**: LCS or LCSD is outside acceptance limits.*
-: Not Analyzed
B: Compound was found in the blank and the associated sample.
bgs: below ground surface
ft: feet
J: Value is estimated.
NA: Not Applicable
ND (2.5): Not detected, number in parentheses is the laboratory reporting limit

- For test methods used, see the laboratory data sheets.
- Soil analytical results are compared to the New York State Department of Environmental Conservation (NYSDEC) Title 6 of the Official Compilation of New York Codes, Rules, and Regulations (NYCRR) Part 375 Commercial Use Soil Cleanup Objectives (SCO).
- Grey shading indicates an exceedance of the Commercial Use Soil Cleanup Objectives.

TABLE 6
SUMMARY OF SOIL QUALITY DATA - BERM 6
FORMER PORT MOBIL TERMINAL
STATEN ISLAND, NEW YORK
FILE NO. 0208998

	Criteria																		
Location Name	NY Part 375	6E	6E	6E1	6E1	6E2	6E2	6E3	6E3	6E3	6F	6F	6F1	6F1	6F2	6F2	6F2	6F3	6F3
Sample Name	Commercial	6E_0-6	6E_6-12	6E1_1-2	6E1_6-7	6E2_3-4	6E2_7-8	6E3_4-5	6E3_8-9	6E3_11-12	6F_0-6	6F_6-12	6F1_1-2	6F1_6-7	6F2_3-4	6F2_7-8	6F2_10-11	6F3_4-5	6F3_9-10
Sample Date	Use	10/02/2025	10/02/2025	10/02/2025	10/02/2025	10/02/2025	10/02/2025	10/02/2025	10/02/2025	10/02/2025	10/02/2025	10/02/2025	10/02/2025	10/02/2025	10/02/2025	10/02/2025	10/02/2025	10/02/2025	10/02/2025
Lab Sample ID	Soil Cleanup	460-336309-3	460-336309-4	460-336309-26	460-336309-29	460-336309-27	460-336309-30	460-336309-28	460-336309-31	460-336309-32	460-336309-5	460-336309-6	460-336309-33	460-336309-36	460-336309-34	460-336309-37	460-336309-39	460-336309-35	460-336309-38
Sample Depth (bgs)	Objectives	0 - 6 (ft)	6 - 12 (ft)	1 - 2 (ft)	6 - 7 (ft)	3 - 4 (ft)	7 - 8 (ft)	4 - 5 (ft)	8 - 9 (ft)	11 - 12 (ft)	0 - 6 (ft)	6 - 12 (ft)	1 - 2 (ft)	6 - 7 (ft)	3 - 4 (ft)	7 - 8 (ft)	10 - 11 (ft)	4 - 5 (ft)	9 - 10 (ft)
Volatile Organic Compounds (mg/kg)																			
1,1,1-Trichloroethane	500	-	-	ND (0.001)	ND (0.0015)	ND (0.0016)	ND (0.0014)	ND (0.0014)	ND (0.0014)	ND (0.0013)	-	-	ND (0.0013)	ND (0.0016)	ND (0.0018)	ND (0.0014)	ND (0.0013)	ND (0.002)	ND (0.0012)
1,1,2,2-Tetrachloroethane	NA	-	-	ND (0.001)	ND (0.0015)	ND (0.0016)	ND (0.0014)	ND (0.0014)	ND (0.0014)	ND (0.0013)	-	-	ND (0.0013)	ND (0.0016)	ND (0.0018)	ND (0.0014)	ND (0.0013)	ND (0.002)	ND (0.0012)
1,1,2-Trichloroethane	NA	-	-	ND (0.001)	ND (0.0015)	ND (0.0016)	ND (0.0014)	ND (0.0014)	ND (0.0014)	ND (0.0013)	-	-	ND (0.0013)	ND (0.0016)	ND (0.0018)	ND (0.0014)	ND (0.0013)	ND (0.002)	ND (0.0012)
1,1-Dichloroethane	240	-	-	ND (0.001)	ND (0.0015)	ND (0.0016)	ND (0.0014)	ND (0.0014)	ND (0.0014)	ND (0.0013)	-	-	ND (0.0013)	ND (0.0016)	ND (0.0018)	ND (0.0014)	ND (0.0013)	ND (0.002)	ND (0.0012)
1,1-Dichloroethene	500	-	-	ND (0.001)	ND (0.0015)	ND (0.0016)	ND (0.0014)	ND (0.0014)	ND (0.0014)	ND (0.0013)	-	-	ND (0.0013)	ND (0.0016)	ND (0.0018)	ND (0.0014)	ND (0.0013)	ND (0.002)	ND (0.0012)
1,2,3-Trichlorobenzene	NA	-	-	ND (0.001)	ND (0.0015)	ND (0.0016)	ND (0.0014)	ND (0.0014)	ND (0.0014)	ND (0.0013)	-	-	ND (0.0013)	ND (0.0016)	ND (0.0018)	ND (0.0014)	ND (0.0013)	ND (0.002)	ND (0.0012)
1,2,4-Trichlorobenzene	NA	-	-	ND (0.001)	ND (0.0015)	ND (0.0016)	ND (0.0014)	ND (0.0014)	ND (0.0014)	ND (0.0013)	-	-	ND (0.0013)	ND (0.0016)	ND (0.0018)	ND (0.0014)	ND (0.0013)	ND (0.002)	ND (0.0012)
1,2,4-Trimethylbenzene	190	-	-	ND (0.001)	ND (0.0015)	ND (0.0016)	ND (0.0014)	ND (0.0014)	ND (0.0014)	ND (0.0013)	-	-	ND (0.0013)	ND (0.0016)	ND (0.0018)	ND (0.0014)	ND (0.0013)	ND (0.002)	ND (0.0012)
1,2-Dibromo-3-chloropropane (DBCP)	NA	-	-	ND (0.001)	ND (0.0015)	ND (0.0016)	ND (0.0014)	ND (0.0014)	ND (0.0014)	ND (0.0013)	-	-	ND (0.0013)	ND (0.0016)	ND (0.0018)	ND (0.0014)	ND (0.0013)	ND (0.002)	ND (0.0012)
1,2-Dibromoethane (Ethylene Dibromide)	NA	-	-	ND (0.001)	ND (0.0015)	ND (0.0016)	ND (0.0014)	ND (0.0014)	ND (0.0014)	ND (0.0013)	-	-	ND (0.0013)	ND (0.0016)	ND (0.0018)	ND (0.0014)	ND (0.0013)	ND (0.002)	ND (0.0012)
1,2-Dichlorobenzene	500	-	-	ND (0.001)	ND (0.0015)	ND (0.0016)	ND (0.0014)	ND (0.0014)	ND (0.0014)	ND (0.0013)	-	-	ND (0.0013)	ND (0.0016)	ND (0.0018)	ND (0.0014)	ND (0.0013)	ND (0.002)	ND (0.0012)
1,2-Dichloroethane	30	-	-	ND (0.001)	ND (0.0015)	ND (0.0016)	ND (0.0014)	ND (0.0014)	ND (0.0014)	ND (0.0013)	-	-	ND (0.0013)	ND (0.0016)	ND (0.0018)	ND (0.0014)	ND (0.0013)	ND (0.002)	ND (0.0012)
1,2-Dichloropropane	NA	-	-	ND (0.001)	ND (0.0015)	ND (0.0016)	ND (0.0014)	ND (0.0014)	ND (0.0014)	ND (0.0013)	-	-	ND (0.0013)	ND (0.0016)	ND (0.0018)	ND (0.0014)	ND (0.0013)	ND (0.002)	ND (0.0012)
1,3,5-Trimethylbenzene	190	-	-	ND (0.001)	ND (0.0015)	ND (0.0016)	ND (0.0014)	ND (0.0014)	ND (0.0014)	ND (0.0013)	-	-	ND (0.0013)	ND (0.0016)	ND (0.0018)	ND (0.0014)	ND (0.0013)	ND (0.002)	ND (0.0012)
1,3-Dichlorobenzene	280	-	-	ND (0.001)	ND (0.0015)	ND (0.0016)	ND (0.0014)	ND (0.0014)	ND (0.0014)	ND (0.0013)	-	-	ND (0.0013)	ND (0.0016)	ND (0.0018)	ND (0.0014)	ND (0.0013)	ND (0.002)	ND (0.0012)
1,4-Dichlorobenzene	130	-	-	ND (0.001)	ND (0.0015)	ND (0.0016)	ND (0.0014)	ND (0.0014)	ND (0.0014)	ND (0.0013)	-	-	ND (0.0013)	ND (0.0016)	ND (0.0018)	ND (0.0014)	ND (0.0013)	ND (0.002)	ND (0.0012)
2-Butanone (Methyl Ethyl Ketone)	500	-	-	ND (0.0052)	ND (0.0074)	ND (0.0079)	ND (0.0071)	ND (0.007)	ND (0.0071)	ND (0.0064)	-	-	ND (0.0064)	ND (0.0082)	ND (0.0089)	ND (0.007)	ND (0.0067)	ND (0.0099)	ND (0.0061)
2-Hexanone (Methyl Butyl Ketone)	NA	-	-	ND (0.0052)	ND (0.0074)	ND (0.0079)	ND (0.0071)	ND (0.007)	ND (0.0071)	ND (0.0064)	-	-	ND (0.0064)	ND (0.0082)	ND (0.0089)	ND (0.007)	ND (0.0067)	ND (0.0099)	ND (0.0061)
2-Phenylbutane (sec-Butylbenzene)	500	-	-	ND (0.001)	ND (0.0015)	ND (0.0016)	ND (0.0014)	ND (0.0014)	ND (0.0014)	ND (0.0013)	-	-	ND (0.0013)	ND (0.0016)	ND (0.0018)	ND (0.0014)	ND (0.0013)	ND (0.002)	ND (0.0012)
4-Methyl-2-Pentanone (Methyl Isobutyl Ketone)	NA	-	-	ND (0.0052)	ND (0.0074)	ND (0.0079)	ND (0.0071)	ND (0.007)	ND (0.0071)	ND (0.0064)	-	-	ND (0.0064)	ND (0.0082)	ND (0.0089)	ND (0.007)	ND (0.0067)	ND (0.0099)	ND (0.0061)
Acetone	500	-	-	ND (0.0062)	ND (0.0089)	ND (0.0095)	ND (0.0085)	ND (0.0085)	ND (0.0085)	ND (0.0076)	-	-	ND (0.0077)	ND (0.0098)	ND (0.011)	ND (0.0084)	ND (0.008)	ND (0.012)	ND (0.0073)
Benzene	44	-	-	ND (0.001)	ND (0.0015)	ND (0.0016)	ND (0.0014)	ND (0.0014)	ND (0.0014)	ND (0.0013)	-	-	ND (0.0013)	ND (0.0016)	ND (0.0018)	ND (0.0014)	ND (0.0013)	ND (0.002)	ND (0.0012)
Bromodichloromethane	NA	-	-	ND (0.001)	ND (0.0015)	ND (0.0016)	ND (0.0014)	ND (0.0014)	ND (0.0014)	ND (0.0013)	-	-	ND (0.0013)	ND (0.0016)	ND (0.0018)	ND (0.0014)	ND (0.0013)	ND (0.002)	ND (0.0012)
Bromoform	NA	-	-	ND (0.001)	ND (0.0015)	ND (0.0016)	ND (0.0014)	ND (0.0014)	ND (0.0014)	ND (0.0013)	-	-	ND (0.0013)	ND (0.0016)	ND (0.0018)	ND (0.0014)	ND (0.0013)	ND (0.002)	ND (0.0012)
Bromomethane (Methyl Bromide)	NA	-	-	ND (0.0021)	ND (0.003)	ND (0.0032)	ND (0.0028) *	ND (0.0028)	ND (0.0028)	ND (0.0025)	-	-	ND (0.0026)	ND (0.0033)	ND (0.0036)	ND (0.0028)	ND (0.0027)	ND (0.004)	ND (0.0024)
Carbon disulfide	NA	-	-	ND (0.001)	ND (0.0015)	ND (0.0016)	ND (0.0014)	ND (0.0014)	ND (0.0014)	ND (0.0013)	-	-	ND (0.0013)	ND (0.0016)	ND (0.0018)	ND (0.0014)	ND (0.0013)	ND (0.002)	ND (0.0012)
Carbon tetrachloride	22	-	-	ND (0.001)	ND (0.0015)	ND (0.0016)	ND (0.0014)	ND (0.0014)	ND (0.0014)	ND (0.0013)	-	-	ND (0.0013)	ND (0.0016)	ND (0.0018)	ND (0.0014)	ND (0.0013)	ND (0.002)	ND (0.0012)
Chlorobenzene	500	-	-	ND (0.001)	ND (0.0015)	ND (0.0016)	ND (0.0014)	ND (0.0014)	ND (0.0014)	ND (0.0013)	-	-	ND (0.0013)	ND (0.0016)	ND (0.0018)	ND (0.0014)	ND (0.0013)	ND (0.002)	ND (0.0012)
Chlorobromomethane	NA	-	-	ND (0.001)	ND (0.0015)	ND (0.0016)	ND (0.0014)	ND (0.0014)	ND (0.0014)	ND (0.0013)	-	-	ND (0.0013)	ND (0.0016)	ND (0.0018)	ND (0.0014)	ND (0.0013)	ND (0.002)	ND (0.0012)
Chloroethane	NA	-	-	ND (0.001)	ND (0.0015)	ND (0.0016)	ND (0.0014)	ND (0.0014)	ND (0.0014)	ND (0.0013)	-	-	ND (0.0013)	ND (0.0016)	ND (0.0018)	ND (0.0014)	ND (0.0013)	ND (0.002)	ND (0.0012)
Chloroform (Trichloromethane)	350	-	-	ND (0.001)	ND (0.0015)	ND (0.0016)	ND (0.0014)	ND (0.0014)	ND (0.0014)	ND (0.0013)	-	-	ND (0.0013)	ND (0.0016)	ND (0.0018)	ND (0.0014)	ND (0.0013)	ND (0.002)	ND (0.0012)
Chloromethane (Methyl Chloride)	NA	-	-	ND (0.001)	ND (0.0015)	ND (0.0016)	ND (0.0014)	ND (0.0014)	ND (0.0014)	ND (0.0013)	-	-	ND (0.0013)	ND (0.0016)	ND (0.0018)	ND (0.0014)	ND (0.0013)	ND (0.002)	ND (0.0012)
cis-1,2-Dichloroethene	500	-	-	ND (0.001)	ND (0.0015)	ND (0.0016)	ND (0.0014)	ND (0.0014)	ND (0.0014)	ND (0.0013)	-	-	ND (0.0013)	ND (0.0016)	ND (0.0018)	ND (0.0014)	ND (0.0013)	ND (0.002)	ND (0.0012)
cis-1,3-Dichloropropene	NA	-	-	ND (0.001)	ND (0.0015)	ND (0.0016)	ND (0.0014)	ND (0.0014)	ND (0.0014)	ND (0.0013)	-	-	ND (0.0013)	ND (0.0016)	ND (0.0018)	ND (0.0014)	ND (0.0013)	ND (0.002)	ND (0.0012)
Cyclohexane	NA	-	-	ND (0.001)	ND (0.0015)	ND (0.0016)	ND (0.0014)	ND (0.0014)	ND (0.0014)	ND (0.0013)	-	-	ND (0.0013)	ND (0.0016)	ND (0.0018)	ND (0.0014)	ND (0.0013)	ND (0.002)	ND (0.0012)
Dibromochloromethane	NA	-	-	ND (0.001)	ND (0.0015)	ND (0.0016)	ND (0.0014)	ND (0.0014)	ND (0.0014)	ND (0.0013)	-	-	ND (0.0013)	ND (0.0016)	ND (0.0018)	ND (0.0014)	ND (0.0013)	ND (0.002)	ND (0.0012)
Dichlorodifluoromethane (CFC-12)	NA	-	-	ND (0.001)	ND (0.0015)	ND (0.0016)	ND (0.0014)	ND (0.0014)	ND (0.0014)	ND (0.0013)	-	-	ND (0.0013)	ND (0.0016) *	ND (0.0018)	ND (0.0014) *	ND (0.0013) *	ND (0.002) *	ND (0.0012) *
Ethylbenzene	390	-	-	ND (0.001)	ND (0.0015)	ND (0.0016)	ND (0.0014)	ND (0.0014)	ND (0.0014)	ND (0.0013)	-	-	ND (0.0013)	ND (0.0016)	ND (0.0018)	ND (0.0014)	ND (0.0013)	ND (0.002)	ND (0.0012)
Isopropylbenzene (Cumene)	NA	-	-	ND (0.001)	ND (0.0015)	ND (0.0016)	ND (0.0014)	ND (0.0014)	ND (0.0014)	ND (0.0013)	-	-	ND (0.0013)	ND (0.0016)	ND (0.0018)	ND (0.0014)	ND (0.0013)	ND (0.002)	ND (0.0012)
m,p-Xylenes	NA	-	-	ND (0.001)	ND (0.0015)	ND (0.0016)	ND (0.0014)	ND (0.0014)	ND (0.0014)	ND (0.0013)	-	-	ND (0.0013)	ND (0.0016)	ND (0.0018)	ND (0.0014)	ND (0.0013)	ND (0.002)	ND (0.0012)
Methyl acetate	NA	-	-	ND (0.0052)	ND (0.0074)	ND (0.0079)	ND (0.0071)	ND (0.007)	ND (0.0071)	ND (0.0064)	-	-	ND (0.0064)	ND (0.0082)	ND (0.0089)	ND (0.007)	ND (0.0067)	ND (0.0099)	ND (0.0061)
Methyl Tert Butyl Ether (MTBE)	500	-	-	ND (0.001)	ND (0.0015)	ND (0.0016)	ND (0.0014)	ND (0.0014)	ND (0.0014)	ND (0.0013)	-	-	ND (0.0013)	ND (0.0016)	ND (0.0018)	ND (0.0014)	ND (0.0013)	ND (0.002)	ND (0.0012)
Methylcyclohexane	NA	-	-	ND (0.001)	ND (0.0015)	ND (0.0016)	ND (0.0014)	ND (0.0014)	ND (0.0014)	ND (0.0013)	-	-	ND (0.0013)	ND (0.0016)	ND (0.0018)	ND (0.0014)	ND (0.0013)	ND (0.002)	ND (0.0012)
Methylene chloride (Dichloromethane)	500	-	-	0.0038	0.0028 J	0.0066	0.0035	0.0046	0.0068	0.0045	-	-	0.0043	0.0083	0.0063	0.0049	0.0054	0.0056	0.0051
n-Butylbenzene	500	-	-	ND (0.001)	ND (0.0015)	ND (0.0016)	ND (0.0014)	ND (0.0014)	ND (0.0014)	ND (0.0013)	-	-	ND (0.0013)	ND (0.0016)	ND (0.0018)	ND (0.0014)	ND (0.0013)	ND (0.002)	ND (0.0012)
n-Propylbenzene	500	-	-	ND (0.001)	ND (0.0015)	ND (0.0016)	ND (0.0014)	ND (0.0014)	ND (0.0014)	ND (0.0013)	-	-	ND (0.0013)	ND (0.0016)	ND (0.0018)	ND (0.0014)	ND (0.0013)	ND (0.002)	ND (0.0012)
o-Xylene	NA	-	-	ND (0.001)	ND (0.0015)	ND (0.0016)	ND (0.0014)	ND (0.0014)	ND (0.0014)	ND (0.0013)	-	-	ND (0.0013)	ND (0.0016)	ND (0.0018)	ND (0.0014)	ND (0.0013)	ND (0.002)	ND (0.0012)
Styrene	NA	-	-	ND (0.001)	ND (0.0015)	ND (0.0016)	ND (0.0014)	ND (0.0014)	ND (0.0014)	ND (0.0013)	-	-	ND (0.0013)	ND (0.0016)	ND (0.0018)	ND (0.0014)	ND (0.0013)	ND (0.002)	ND (0.0012)
tert-Butylbenzene	500	-	-	ND (0.001)	ND (0.0015)	ND (0.0016)	ND (0.0014)	ND (0.0014)	ND (0.0014)	ND (0.0013)	-	-	ND (0.0013)	ND (0.0016)	ND (0.0018)	ND (0.0014)	ND (0.0013)	ND (0.002)	ND (0.0012)
Tetrachloroethene	150	-	-	ND (0.001)	ND (0.0015)	ND (0.0016)	ND (0.0014)	ND (0.0014)	ND (0.0014)	ND (0.0013)	-	-	ND (0.0013)	ND (0.0016)	ND (0.0018)	ND (0.0014)	ND (0.0013)	ND (0.002)	ND (0.0012)
Toluene	500	-	-	ND (0.001)	ND (0.0015)	ND (0.0016)	ND (0.0014)	ND (0.0014)	ND (0.0014)	ND (0.0013)	-	-	ND (0.0013)	ND (0.0016)	ND (0.0018)	ND (0.0014)	ND (0.0013)	ND (0.002)	ND (0.0012)
trans-1,2-Dichloroethene	500	-	-	ND (0.001)	ND (0.0015)	ND (0.0016)	ND (0.0014)	ND (0.0014)	ND (0.0014)	ND (0.0013)	-	-	ND (0.0013)	ND (0.0016)	ND (0.0018)	ND (0.0014)	ND (0.0013)	ND (0.002)	ND (0.0012)
trans-1,3-Dichloropropene	NA	-	-	ND (0.001)	ND (0.0015)	ND (0.0016)	ND (0.0014)	ND (0.0014)	ND (0.0014)	ND (0.0013)	-	-	ND (0.0013)	ND (0.0016)	ND (0.0018)	ND (0.0014)	ND (0.0013)	ND (0.002)	ND (0.0012)
Trichloroethene	200	-	-	ND (0.001)	ND (0.0015)	ND (0.0016)	ND (0.0014)	ND (0.0014)	ND (0.0014)	ND (0.0013)	-	-	ND (0.0013)	ND (0.0016)	ND (0.0018)	ND (0.0014)	ND (0.0013)	ND (0.002)	ND (0.0012)
Trichlorofluoromethane (CFC-11)	NA	-	-	ND (0.001)	ND (0.0015)	ND (0.0016)	ND (0.0014)	ND (0.0014)	ND (0.0014)	ND (0.0013)	-	-	ND (0.0013)	ND (0.0016)	ND (0.0018)	ND (0.0014)	ND (0.0013)	ND (0.002)	ND (0.0012)
Trifluorotrichloroethane (Freon 113)	NA	-	-	ND (0.001)	ND (0.0015)	ND (0.0016)	ND (0.0014)	ND (0.0014)	ND (0.0014)	ND (0.0013)	-	-	ND (0.0013)	ND (0.0016)	ND (0.0018)	ND (0.0014)	ND (0.0013)	ND (0.002)	ND (0.0012)
Vinyl chloride	13	-	-	ND (0.001)	ND (0.0015)	ND (0.0016)	ND (0.0014)	ND (0.0014)	ND (0.0014)	ND (0.0013)	-	-	ND (0.0013)	ND (0.0016)	ND (0.0018)	ND (0.0014)	ND (0.0013)	ND (0.002)	ND (0.0012)
Xylene (Total)	500	-	-	ND (0.0021)	ND (0.003)	ND (0.0032)	ND (0.0028)	ND (0.0028)	ND (0.0028)	ND (0.0025)	-	-	ND (0.0026)	ND (0.0033)	ND (0.0036)	ND (0.0028)	ND (0.0027)	ND (0.004)	ND (0.0024)

TABLE 6
SUMMARY OF SOIL QUALITY DATA - BERM 6
FORMER PORT MOBIL TERMINAL
STATEN ISLAND, NEW YORK
FILE NO. 0208998

	Criteria																		
Location Name	NY Part 375	6E	6E	6E1	6E1	6E2	6E2	6E3	6E3	6E3	6F	6F	6F1	6F1	6F2	6F2	6F2	6F3	6F3
Sample Name	Commercial	6E_0-6	6E_6-12	6E1_1-2	6E1_6-7	6E2_3-4	6E2_7-8	6E3_4-5	6E3_8-9	6E3_11-12	6F_0-6	6F_6-12	6F1_1-2	6F1_6-7	6F2_3-4	6F2_7-8	6F2_10-11	6F3_4-5	6F3_9-10
Sample Date	Use	10/02/2025	10/02/2025	10/02/2025	10/02/2025	10/02/2025	10/02/2025	10/02/2025	10/02/2025	10/02/2025	10/02/2025	10/02/2025	10/02/2025	10/02/2025	10/02/2025	10/02/2025	10/02/2025	10/02/2025	10/02/2025
Lab Sample ID	Soil Cleanup	460-336309-3	460-336309-4	460-336309-26	460-336309-29	460-336309-27	460-336309-30	460-336309-28	460-336309-31	460-336309-32	460-336309-5	460-336309-6	460-336309-33	460-336309-36	460-336309-34	460-336309-37	460-336309-39	460-336309-35	460-336309-38
Sample Depth (bgs)	Objectives	0 - 6 (ft)	6 - 12 (ft)	1 - 2 (ft)	6 - 7 (ft)	3 - 4 (ft)	7 - 8 (ft)	4 - 5 (ft)	8 - 9 (ft)	11 - 12 (ft)	0 - 6 (ft)	6 - 12 (ft)	1 - 2 (ft)	6 - 7 (ft)	3 - 4 (ft)	7 - 8 (ft)	10 - 11 (ft)	4 - 5 (ft)	9 - 10 (ft)
Semi-Volatile Organic Compounds (mg/kg)																			
1,2,4,5-Tetrachlorobenzene	NA	ND (0.34)	ND (0.34)	-	-	-	-	-	-	-	ND (0.34)	ND (0.34)	-	-	-	-	-	-	-
1,4-Dioxane	130	ND (0.034)	ND (0.034)	-	-	-	-	-	-	-	ND (0.034)	ND (0.034)	-	-	-	-	-	-	-
2,2'-oxybis(1-Chloropropane)	NA	ND (0.34)	ND (0.34)	-	-	-	-	-	-	-	ND (0.34)	ND (0.34)	-	-	-	-	-	-	-
2,3,4,6-Tetrachlorophenol	NA	ND (0.34)	ND (0.34)	-	-	-	-	-	-	-	ND (0.34)	ND (0.34)	-	-	-	-	-	-	-
2,4,5-Trichlorophenol	NA	ND (0.34)	ND (0.34)	-	-	-	-	-	-	-	ND (0.34)	ND (0.34)	-	-	-	-	-	-	-
2,4,6-Trichlorophenol	NA	ND (0.14)	ND (0.14)	-	-	-	-	-	-	-	ND (0.14)	ND (0.14)	-	-	-	-	-	-	-
2,4-Dichlorophenol	NA	ND (0.14)	ND (0.14)	-	-	-	-	-	-	-	ND (0.14)	ND (0.14)	-	-	-	-	-	-	-
2,4-Dimethylphenol	NA	ND (0.34)	ND (0.34)	-	-	-	-	-	-	-	ND (0.34)	ND (0.34)	-	-	-	-	-	-	-
2,4-Dinitrophenol	NA	ND (0.27)	ND (0.28)	-	-	-	-	-	-	-	ND (0.27)	ND (0.27)	-	-	-	-	-	-	-
2,4-Dinitrotoluene	NA	ND (0.069)	ND (0.07)	-	-	-	-	-	-	-	ND (0.069)	ND (0.068)	-	-	-	-	-	-	-
2,6-Dinitrotoluene	NA	ND (0.069)	ND (0.07)	-	-	-	-	-	-	-	ND (0.069)	ND (0.068)	-	-	-	-	-	-	-
2-Chloronaphthalene	NA	ND (0.34)	ND (0.34)	-	-	-	-	-	-	-	ND (0.34)	ND (0.34)	-	-	-	-	-	-	-
2-Chlorophenol	NA	ND (0.34)	ND (0.34)	-	-	-	-	-	-	-	ND (0.34)	ND (0.34)	-	-	-	-	-	-	-
2-Methylnaphthalene	NA	ND (0.34)	ND (0.34)	-	-	-	-	-	-	-	ND (0.34)	ND (0.34)	-	-	-	-	-	-	-
2-Methylphenol (o-Cresol)	500	ND (0.34)	ND (0.34)	-	-	-	-	-	-	-	ND (0.34)	ND (0.34)	-	-	-	-	-	-	-
2-Nitroaniline	NA	ND (0.34)	ND (0.34)	-	-	-	-	-	-	-	ND (0.34)	ND (0.34)	-	-	-	-	-	-	-
2-Nitrophenol	NA	ND (0.34)	ND (0.34)	-	-	-	-	-	-	-	ND (0.34)	ND (0.34)	-	-	-	-	-	-	-
3&4-Methylphenol	NA	ND (0.34)	ND (0.34)	-	-	-	-	-	-	-	ND (0.34)	ND (0.34)	-	-	-	-	-	-	-
3,3'-Dichlorobenzidine	NA	ND (0.14)	ND (0.14)	-	-	-	-	-	-	-	ND (0.14)	ND (0.14)	-	-	-	-	-	-	-
3-Nitroaniline	NA	ND (0.34)	ND (0.34)	-	-	-	-	-	-	-	ND (0.34)	ND (0.34)	-	-	-	-	-	-	-
4,6-Dinitro-2-methylphenol	NA	ND (0.27)	ND (0.28)	-	-	-	-	-	-	-	ND (0.27)	ND (0.27)	-	-	-	-	-	-	-
4-Bromophenyl phenyl ether (BDE-3)	NA	ND (0.34)	ND (0.34)	-	-	-	-	-	-	-	ND (0.34)	ND (0.34)	-	-	-	-	-	-	-
4-Chloro-3-methylphenol	NA	ND (0.34)	ND (0.34)	-	-	-	-	-	-	-	ND (0.34)	ND (0.34)	-	-	-	-	-	-	-
4-Chloroaniline	NA	ND (0.34)	ND (0.34)	-	-	-	-	-	-	-	ND (0.34)	ND (0.34)	-	-	-	-	-	-	-
4-Chlorophenyl phenyl ether	NA	ND (0.34)	ND (0.34)	-	-	-	-	-	-	-	ND (0.34)	ND (0.34)	-	-	-	-	-	-	-
4-Methylphenol	500	ND (0.34)	ND (0.34)	-	-	-	-	-	-	-	ND (0.34)	ND (0.34)	-	-	-	-	-	-	-
4-Nitroaniline	NA	ND (0.34)	ND (0.34)	-	-	-	-	-	-	-	ND (0.34)	ND (0.34)	-	-	-	-	-	-	-
4-Nitrophenol	NA	ND (0.69)	ND (0.7)	-	-	-	-	-	-	-	ND (0.69)	ND (0.68)	-	-	-	-	-	-	-
Acenaphthene	500	ND (0.34)	ND (0.34)	-	-	-	-	-	-	-	ND (0.34)	ND (0.34)	-	-	-	-	-	-	-
Acenaphthylene	500	ND (0.34)	ND (0.34)	-	-	-	-	-	-	-	ND (0.34)	ND (0.34)	-	-	-	-	-	-	-
Acetophenone	NA	ND (0.34)	ND (0.34)	-	-	-	-	-	-	-	ND (0.34)	ND (0.34)	-	-	-	-	-	-	-
Anthracene	500	ND (0.34)	ND (0.34)	-	-	-	-	-	-	-	ND (0.34)	ND (0.34)	-	-	-	-	-	-	-
Atrazine	NA	ND (0.14) *	ND (0.14) *	-	-	-	-	-	-	-	ND (0.14) *	ND (0.14) *	-	-	-	-	-	-	-
Benzaldehyde	NA	ND (0.34) *	ND (0.34) *	-	-	-	-	-	-	-	ND (0.34) *	ND (0.34) *	-	-	-	-	-	-	-
Benzo(a)anthracene	5.6	ND (0.034)	ND (0.034)	-	-	-	-	-	-	-	ND (0.034)	ND (0.034)	-	-	-	-	-	-	-
Benzo(a)pyrene	1	ND (0.034)	ND (0.034)	-	-	-	-	-	-	-	ND (0.034)	ND (0.034)	-	-	-	-	-	-	-
Benzo(b)fluoranthene	5.6	ND (0.034)	ND (0.034)	-	-	-	-	-	-	-	ND (0.034)	ND (0.034)	-	-	-	-	-	-	-
Benzo(g,h,i)perylene	500	ND (0.34)	ND (0.34)	-	-	-	-	-	-	-	ND (0.34)	ND (0.34)	-	-	-	-	-	-	-
Benzo(k)fluoranthene	56	ND (0.034)	ND (0.034)	-	-	-	-	-	-	-	ND (0.034)	ND (0.034)	-	-	-	-	-	-	-
Biphenyl	NA	ND (0.34)	ND (0.34)	-	-	-	-	-	-	-	ND (0.34)	ND (0.34)	-	-	-	-	-	-	-
bis(2-Chloroethoxy)methane	NA	ND (0.34)	ND (0.34)	-	-	-	-	-	-	-	ND (0.34)	ND (0.34)	-	-	-	-	-	-	-
bis(2-Chloroethyl)ether	NA	ND (0.034)	ND (0.034)	-	-	-	-	-	-	-	ND (0.034)	ND (0.034)	-	-	-	-	-	-	-
bis(2-Ethylhexyl)phthalate	NA	ND (0.34)	ND (0.34)	-	-	-	-	-	-	-	ND (0.34)	ND (0.34)	-	-	-	-	-	-	-
Butyl benzylphthalate (BBP)	NA	ND (0.34)	ND (0.34)	-	-	-	-	-	-	-	ND (0.34)	ND (0.34)	-	-	-	-	-	-	-
Caprolactam	NA	ND (0.34) *	ND (0.34) *	-	-	-	-	-	-	-	ND (0.34) *	ND (0.34) *	-	-	-	-	-	-	-
Carbazole	NA	ND (0.34)	ND (0.34)	-	-	-	-	-	-	-	ND (0.34)	ND (0.34)	-	-	-	-	-	-	-
Chrysene	56	ND (0.34)	ND (0.34)	-	-	-	-	-	-	-	ND (0.34)	ND (0.34)	-	-	-	-	-	-	-
Dibenz(a,h)anthracene	0.56	ND (0.034)	ND (0.034)	-	-	-	-	-	-	-	ND (0.034)	ND (0.034)	-	-	-	-	-	-	-
Dibenzofuran	350	ND (0.34)	ND (0.34)	-	-	-	-	-	-	-	ND (0.34)	ND (0.34)	-	-	-	-	-	-	-
Diethyl phthalate	NA	ND (0.34)	ND (0.34)	-	-	-	-	-	-	-	ND (0.34)	ND (0.34)	-	-	-	-	-	-	-
Dimethyl phthalate	NA	ND (0.34)	ND (0.34)	-	-	-	-	-	-	-	ND (0.34)	ND (0.34)	-	-	-	-	-	-	-
Di-n-butylphthalate (DBP)	NA	ND (0.34)	ND (0.34)	-	-	-	-	-	-	-	ND (0.34)	ND (0.34)	-	-	-	-	-	-	-
Di-n-octyl phthalate (DnOP)	NA	ND (0.34)	ND (0.34)	-	-	-	-	-	-	-	ND (0.34)	ND (0.34)	-	-	-	-	-	-	-
Fluoranthene	500	ND (0.34)	ND (0.34)	-	-	-	-	-	-	-	ND (0.34)	ND (0.34)	-	-	-	-	-	-	-
Fluorene	500	ND (0.34)	ND (0.34)	-	-	-	-	-	-	-	ND (0.34)	ND (0.34)	-	-	-	-	-	-	-
Hexachlorobenzene	6	ND (0.034)	ND (0.034)	-	-	-	-	-	-	-	ND (0.034)	ND (0.034)	-	-	-	-	-	-	-
Hexachlorobutadiene	NA	ND (0.069)	ND (0.07)	-	-	-	-	-	-	-	ND (0.069)	ND (0.068)	-	-	-	-	-	-	-
Hexachlorocyclopentadiene	NA	ND (0.34)	ND (0.34)	-	-	-	-	-	-	-	ND (0.34)	ND (0.34)	-	-	-	-	-	-	-
Hexachloroethane	NA	ND (0.034)	ND (0.034)	-	-	-	-	-	-	-	ND (0.034)	ND (0.034)	-	-	-	-	-	-	-
Indeno(1,2,3-cd)pyrene	5.6	ND (0.034)	ND (0.034)	-	-	-	-	-	-	-	ND (0.034)	ND (0.034)	-	-	-	-	-	-	-
Isophorone	NA	ND (0.14)	ND (0.14)	-	-	-	-	-	-	-	ND (0.14)	ND (0.14)	-	-	-	-	-	-	-
Naphthalene	500	ND (0.34)	ND (0.34)	-	-	-	-	-	-	-	ND (0.34)	ND (0.34)	-	-	-	-	-	-	-
Nitrobenzene	NA	ND (0.034)	ND (0.034)	-	-	-	-	-	-	-	ND (0.034)	ND (0.034)	-	-	-	-	-	-	-
N-Nitrosodi-n-propylamine	NA	ND (0.034)	ND (0.034)	-	-	-	-	-	-	-	ND (0.034)	ND (0.034)	-	-	-	-	-	-	-
N-Nitrosodiphenylamine	NA	ND (0.34)	ND (0.34)	-	-	-	-	-	-	-	ND (0.34)	ND (0.34)	-	-	-	-	-	-	-
Pentachlorophenol	6.7	ND (0.27)	ND (0.28)	-	-	-	-	-	-	-	ND (0.27)	ND (0.27)	-	-	-	-	-	-	-
Phenanthrene	500	ND (0.34)	ND (0.34)	-	-	-	-	-	-	-	ND (0.34)	ND (0.34)	-	-	-	-	-	-	-
Phenol	500	ND (0.34)	ND (0.34)	-	-	-	-	-	-	-	ND (0.34)	ND (0.34)	-	-	-	-	-	-	-
Pyrene	500	ND (0.34)	ND (0.34)	-	-	-	-	-	-	-	ND (0.34)	ND (0.34)	-	-	-	-	-	-	-

TABLE 6
SUMMARY OF SOIL QUALITY DATA - BERM 6
FORMER PORT MOBIL TERMINAL
STATEN ISLAND, NEW YORK
FILE NO. 0208998

	Criteria																		
Location Name	NY Part 375	6E	6E	6E1	6E1	6E2	6E2	6E3	6E3	6E3	6F	6F	6F1	6F1	6F2	6F2	6F2	6F3	6F3
Sample Name	Commercial	6E_0-6	6E_6-12	6E1_1-2	6E1_6-7	6E2_3-4	6E2_7-8	6E3_4-5	6E3_8-9	6E3_11-12	6F_0-6	6F_6-12	6F1_1-2	6F1_6-7	6F2_3-4	6F2_7-8	6F2_10-11	6F3_4-5	6F3_9-10
Sample Date	Use	10/02/2025	10/02/2025	10/02/2025	10/02/2025	10/02/2025	10/02/2025	10/02/2025	10/02/2025	10/02/2025	10/02/2025	10/02/2025	10/02/2025	10/02/2025	10/02/2025	10/02/2025	10/02/2025	10/02/2025	10/02/2025
Lab Sample ID	Soil Cleanup	460-336309-3	460-336309-4	460-336309-26	460-336309-29	460-336309-27	460-336309-30	460-336309-28	460-336309-31	460-336309-32	460-336309-5	460-336309-6	460-336309-33	460-336309-36	460-336309-34	460-336309-37	460-336309-39	460-336309-35	460-336309-38
Sample Depth (bgs)	Objectives	0 - 6 (ft)	6 - 12 (ft)	1 - 2 (ft)	6 - 7 (ft)	3 - 4 (ft)	7 - 8 (ft)	4 - 5 (ft)	8 - 9 (ft)	11 - 12 (ft)	0 - 6 (ft)	6 - 12 (ft)	1 - 2 (ft)	6 - 7 (ft)	3 - 4 (ft)	7 - 8 (ft)	10 - 11 (ft)	4 - 5 (ft)	9 - 10 (ft)
PFAS (mg/kg)																			
11-Chloroeicosafluoro-3-Oxaundecane-1-Sulfonic Acid (11Cl-PF3OUdS)	NA	ND (0.00019)	ND (0.0002)	-	-	-	-	-	-	-	ND (0.0002)	ND (0.0002)	-	-	-	-	-	-	-
2H,2H,3H,3H-Perfluorooctanoic acid (5:3 FTCA)	NA	ND (0.00097)	ND (0.00099)	-	-	-	-	-	-	-	ND (0.00099)	ND (0.001)	-	-	-	-	-	-	-
3-(Perfluoroheptyl)propanoic acid (7:3 FTCA)	NA	ND (0.00097)	ND (0.00099)	-	-	-	-	-	-	-	ND (0.00099)	ND (0.001)	-	-	-	-	-	-	-
3:3 Fluorotelomer carboxylic acid (3:3 FTCA)	NA	ND (0.00039)	ND (0.0004)	-	-	-	-	-	-	-	ND (0.0004)	ND (0.0004)	-	-	-	-	-	-	-
4,8-Dioxa-3H-Perfluorononanoic Acid (ADONA)	NA	ND (0.00019)	ND (0.0002)	-	-	-	-	-	-	-	ND (0.0002)	ND (0.0002)	-	-	-	-	-	-	-
4:2 Fluorotelomer sulfonic acid (4:2 FTS)	NA	ND (0.00039)	ND (0.0004)	-	-	-	-	-	-	-	ND (0.0004)	ND (0.0004)	-	-	-	-	-	-	-
6:2 Fluorotelomer sulfonic acid (6:2 FTS)	NA	ND (0.00039)	ND (0.0004)	-	-	-	-	-	-	-	ND (0.0004)	ND (0.0004)	-	-	-	-	-	-	-
8:2 Fluorotelomer sulfonic acid (8:2 FTS)	NA	ND (0.00039)	0.00036 J	-	-	-	-	-	-	-	ND (0.0004)	ND (0.0004)	-	-	-	-	-	-	-
9-Chlorohexadecafluoro-3-Oxanone-1-Sulfonic Acid (9Cl-PF3ONS)	NA	ND (0.00019)	ND (0.0002)	-	-	-	-	-	-	-	ND (0.0002)	ND (0.0002)	-	-	-	-	-	-	-
N-Ethyl Perfluorooctanesulfonamidoacetic Acid (NEtFOSAA)	NA	ND (0.00019)	ND (0.0002)	-	-	-	-	-	-	-	ND (0.0002)	ND (0.0002)	-	-	-	-	-	-	-
N-Ethylperfluorooctane sulfonamide (N-EtFOSA)	NA	ND (0.00019)	ND (0.0002)	-	-	-	-	-	-	-	ND (0.0002)	ND (0.0002)	-	-	-	-	-	-	-
N-Ethylperfluorooctane sulfonamidoethanol (N-EtFOSE)	NA	ND (0.00097)	ND (0.00099)	-	-	-	-	-	-	-	ND (0.00099)	ND (0.001)	-	-	-	-	-	-	-
N-Methyl Perfluorooctanesulfonamidoacetic Acid (NMeFOSAA)	NA	ND (0.00019)	ND (0.0002)	-	-	-	-	-	-	-	ND (0.0002)	ND (0.0002)	-	-	-	-	-	-	-
N-Methylperfluorooctane sulfonamide (N-MeFOSA)	NA	ND (0.00019)	ND (0.0002)	-	-	-	-	-	-	-	ND (0.0002)	ND (0.0002)	-	-	-	-	-	-	-
N-Methylperfluorooctane sulfonamidoethanol (N-MeFOSE)	NA	ND (0.00097)	ND (0.00099)	-	-	-	-	-	-	-	ND (0.00099)	ND (0.001)	-	-	-	-	-	-	-
Nonafluoro-3,6-dioxaheptanoic acid (NFDHA)	NA	ND (0.00019)	ND (0.0002)	-	-	-	-	-	-	-	ND (0.0002)	ND (0.0002)	-	-	-	-	-	-	-
Perfluoro(2-ethoxyethane) sulphonic acid (PFEESA)	NA	ND (0.00019)	ND (0.0002)	-	-	-	-	-	-	-	ND (0.0002)	ND (0.0002)	-	-	-	-	-	-	-
Perfluoro(4-methoxybutanoic) acid (PFMBA)	NA	ND (0.00019)	ND (0.0002)	-	-	-	-	-	-	-	ND (0.0002)	ND (0.0002)	-	-	-	-	-	-	-
Perfluoro-2-propoxypropanoic acid (PFPrOPrA)(GenX) (HFPO-DA)	NA	ND (0.00019)	ND (0.0002)	-	-	-	-	-	-	-	ND (0.0002)	ND (0.0002)	-	-	-	-	-	-	-
Perfluoro-3-methoxypropanoic acid (PFMPA)	NA	ND (0.00019)	ND (0.0002)	-	-	-	-	-	-	-	ND (0.0002)	ND (0.0002)	-	-	-	-	-	-	-
Perfluorobutanesulfonic acid (PFBS)	NA	ND (0.00019)	ND (0.0002)	-	-	-	-	-	-	-	ND (0.0002)	ND (0.0002)	-	-	-	-	-	-	-
Perfluorobutanoic acid (PFBA)	NA	ND (0.00039)	ND (0.0004)	-	-	-	-	-	-	-	ND (0.0004)	ND (0.0004)	-	-	-	-	-	-	-
Perfluorodecanesulfonic acid (PFDS)	NA	ND (0.00019)	ND (0.0002)	-	-	-	-	-	-	-	ND (0.0002)	ND (0.0002)	-	-	-	-	-	-	-
Perfluorodecanoic acid (PFDA)	NA	0.00013 J	ND (0.0002)	-	-	-	-	-	-	-	0.00011 J	0.000076 J	-	-	-	-	-	-	-
Perfluorododecane sulfonic acid (PFDoDS)	NA	ND (0.00019)	ND (0.0002)	-	-	-	-	-	-	-	ND (0.0002)	ND (0.0002)	-	-	-	-	-	-	-
Perfluorododecanoic acid (PFDoDA)	NA	0.00011 J	0.00013 J	-	-	-	-	-	-	-	0.00023	0.0003	-	-	-	-	-	-	-
Perfluoroheptanesulfonic acid (PFHpS)	NA	ND (0.00019)	ND (0.0002)	-	-	-	-	-	-	-	ND (0.0002)	ND (0.0002)	-	-	-	-	-	-	-
Perfluoroheptanoic acid (PFHpA)	NA	ND (0.00019)	ND (0.0002)	-	-	-	-	-	-	-	ND (0.0002)	ND (0.0002)	-	-	-	-	-	-	-
Perfluorohexanesulfonic acid (PFHxS)	NA	ND (0.00019)	ND (0.0002)	-	-	-	-	-	-	-	ND (0.0002)	ND (0.0002)	-	-	-	-	-	-	-
Perfluorohexanoic acid (PFHxA)	NA	ND (0.00019)	ND (0.0002)	-	-	-	-	-	-	-	ND (0.0002)	ND (0.0002)	-	-	-	-	-	-	-
Perfluorononane sulfonic acid (PFNS)	NA	ND (0.00019)	ND (0.0002)	-	-	-	-	-	-	-	ND (0.0002)	ND (0.0002)	-	-	-	-	-	-	-
Perfluorononanoic acid (PFNA)	NA	0.00024	0.00019 J	-	-	-	-	-	-	-	0.00057	0.00042	-	-	-	-	-	-	-
Perfluorooctane sulfonamide (PFOSA)	NA	ND (0.00019)	ND (0.0002)	-	-	-	-	-	-	-	ND (0.0002)	ND (0.0002)	-	-	-	-	-	-	-
Perfluorooctanesulfonic acid (PFOS)	0.44	ND (0.00019)	ND (0.0002)	-	-	-	-	-	-	-	ND (0.0002)	ND (0.0002)	-	-	-	-	-	-	-
Perfluorooctanoic acid (PFOA)	0.5	ND (0.00019)	ND (0.0002)	-	-	-	-	-	-	-	ND (0.0002)	ND (0.0002)	-	-	-	-	-	-	-
Perfluoropentanesulfonic acid (PFPeS)	NA	ND (0.00019)	ND (0.0002)	-	-	-	-	-	-	-	ND (0.0002)	ND (0.0002)	-	-	-	-	-	-	-
Perfluoropentanoic acid (PFPeA)	NA	ND (0.00019)	ND (0.0002)	-	-	-	-	-	-	-	ND (0.0002)	ND (0.0002)	-	-	-	-	-	-	-
Perfluorotetradecanoic acid (PFTeDA)	NA	ND (0.00019)	ND (0.0002)	-	-	-	-	-	-	-	0.00013 J	0.00018 J	-	-	-	-	-	-	-
Perfluorotridecanoic acid (PFTrDA)	NA	0.00195	0.00355	-	-	-	-	-	-	-	0.00922	0.0131	-	-	-	-	-	-	-
Perfluoroundecanoic acid (PFUnDA)	NA	0.00469	0.002	-	-	-	-	-	-	-	0.0115	0.0117	-	-	-	-	-	-	-
Pesticides (mg/kg)																			
4,4'-DDD	92	ND (0.0069)	ND (0.007)	-	-	-	-	-	-	-	ND (0.0069)	ND (0.0068)	-	-	-	-	-	-	-
4,4'-DDE	62	ND (0.0069)	ND (0.007)	-	-	-	-	-	-	-	ND (0.0069)	ND (0.0068)	-	-	-	-	-	-	-
4,4'-DDT	47	ND (0.0069)	ND (0.007)	-	-	-	-	-	-	-	ND (0.0069)	ND (0.0068)	-	-	-	-	-	-	-
Aldrin	0.68	ND (0.0069)	ND (0.007)	-	-	-	-	-	-	-	ND (0.0069)	ND (0.0068)	-	-	-	-	-	-	-
alpha-BHC	3.4	ND (0.0021)	ND (0.0021)	-	-	-	-	-	-	-	ND (0.0021)	ND (0.002)	-	-	-	-	-	-	-
alpha-Chlordane (cis)	24	ND (0.0069)	ND (0.007)	-	-	-	-	-	-	-	ND (0.0069)	ND (0.0068)	-	-	-	-	-	-	-
beta-BHC	3	ND (0.0021)	ND (0.0021)	-	-	-	-	-	-	-	ND (0.0021)	ND (0.002)	-	-	-	-	-	-	-
Chlordane	NA	ND (0.069)	ND (0.07)	-	-	-	-	-	-	-	ND (0.069)	ND (0.068)	-	-	-	-	-	-	-
delta-BHC	500	ND (0.0021)	ND (0.0021)	-	-	-	-	-	-	-	ND (0.0021)	ND (0.002)	-	-	-	-	-	-	-
Dieldrin	1.4	ND (0.0021)	ND (0.0021)	-	-	-	-	-	-	-	ND (0.0021)	ND (0.002)	-	-	-	-	-	-	-
Endosulfan I	200	ND (0.0069)	ND (0.007)	-	-	-	-	-	-	-	ND (0.0069)	ND (0.0068)	-	-	-	-	-	-	-
Endosulfan II	200	ND (0.0069)	ND (0.007)	-	-	-	-	-	-	-	ND (0.0069)	ND (0.0068)	-	-	-	-	-	-	-
Endosulfan sulfate	200	ND (0.0069)	ND (0.007)	-	-	-	-	-	-	-	ND (0.0069)	ND (0.0068)	-	-	-	-	-	-	-
Endrin	89	ND (0.0069)	ND (0.007)	-	-	-	-	-	-	-	ND (0.0069)	ND (0.0068)	-	-	-	-	-	-	-
Endrin aldehyde	NA	ND (0.0069)	ND (0.007)	-	-	-	-	-	-	-	ND (0.0069)	ND (0.0068)	-	-	-	-	-	-	-
Endrin ketone	NA	ND (0.0069)	ND (0.007)	-	-	-	-	-	-	-	ND (0.0069)	ND (0.0068)	-	-	-	-	-	-	-
gamma-BHC (Lindane)	9.2	ND (0.0021)	ND (0.0021)	-	-	-	-	-	-	-	ND (0.0021)	ND (0.002)	-	-	-	-	-	-	-
Heptachlor	15	ND (0.0069)	ND (0.007)	-	-	-	-	-	-	-	ND (0.0069)	ND (0.0068)	-	-	-	-	-	-	-
Heptachlor epoxide	NA	ND (0.0069)	ND (0.007)	-	-	-	-	-	-	-	ND (0.0069)	ND (0.0068)	-	-	-	-	-	-	-
Methoxychlor	NA	ND (0.0069)	ND (0.007)	-	-	-	-	-	-	-	ND (0.0069)	ND (0.0068)	-	-	-	-	-	-	-
Toxaphene	NA	ND (0.069)	ND (0.07)	-	-	-	-	-	-	-	ND (0.069)	ND (0.068)	-	-	-	-	-	-	-

TABLE 6
SUMMARY OF SOIL QUALITY DATA - BERM 6
FORMER PORT MOBIL TERMINAL
STATEN ISLAND, NEW YORK
FILE NO. 0208998

Location Name	Criteria	6E	6E	6E1	6E1	6E2	6E2	6E3	6E3	6E3	6F	6F	6F1	6F1	6F2	6F2	6F2	6F3	6F3
Sample Name	NY Part 375	6E_0-6	6E_6-12	6E1_1-2	6E1_6-7	6E2_3-4	6E2_7-8	6E3_4-5	6E3_8-9	6E3_11-12	6F_0-6	6F_6-12	6F1_1-2	6F1_6-7	6F2_3-4	6F2_7-8	6F2_10-11	6F3_4-5	6F3_9-10
Sample Date	Commercial	10/02/2025	10/02/2025	10/02/2025	10/02/2025	10/02/2025	10/02/2025	10/02/2025	10/02/2025	10/02/2025	10/02/2025	10/02/2025	10/02/2025	10/02/2025	10/02/2025	10/02/2025	10/02/2025	10/02/2025	10/02/2025
Lab Sample ID	Use	460-336309-3	460-336309-4	460-336309-26	460-336309-29	460-336309-27	460-336309-30	460-336309-28	460-336309-31	460-336309-32	460-336309-5	460-336309-6	460-336309-33	460-336309-36	460-336309-34	460-336309-37	460-336309-39	460-336309-35	460-336309-38
Sample Depth (bgs)	Soil Cleanup Objectives	0 - 6 (ft)	6 - 12 (ft)	1 - 2 (ft)	6 - 7 (ft)	3 - 4 (ft)	7 - 8 (ft)	4 - 5 (ft)	8 - 9 (ft)	11 - 12 (ft)	0 - 6 (ft)	6 - 12 (ft)	1 - 2 (ft)	6 - 7 (ft)	3 - 4 (ft)	7 - 8 (ft)	10 - 11 (ft)	4 - 5 (ft)	9 - 10 (ft)
Polychlorinated Biphenyls (mg/kg)																			
Aroclor-1016 (PCB-1016)	NA	ND (0.069)	ND (0.07)	-	-	-	-	-	-	-	ND (0.069)	ND (0.068)	-	-	-	-	-	-	-
Aroclor-1221 (PCB-1221)	NA	ND (0.069)	ND (0.07)	-	-	-	-	-	-	-	ND (0.069)	ND (0.068)	-	-	-	-	-	-	-
Aroclor-1232 (PCB-1232)	NA	ND (0.069)	ND (0.07)	-	-	-	-	-	-	-	ND (0.069)	ND (0.068)	-	-	-	-	-	-	-
Aroclor-1242 (PCB-1242)	NA	ND (0.069)	ND (0.07)	-	-	-	-	-	-	-	ND (0.069)	ND (0.068)	-	-	-	-	-	-	-
Aroclor-1248 (PCB-1248)	NA	ND (0.069)	ND (0.07)	-	-	-	-	-	-	-	ND (0.069)	ND (0.068)	-	-	-	-	-	-	-
Aroclor-1254 (PCB-1254)	NA	ND (0.069)	ND (0.07)	-	-	-	-	-	-	-	ND (0.069)	ND (0.068)	-	-	-	-	-	-	-
Aroclor-1260 (PCB-1260)	NA	ND (0.069)	ND (0.07)	-	-	-	-	-	-	-	ND (0.069)	ND (0.068)	-	-	-	-	-	-	-
Aroclor-1262 (PCB-1262)	NA	ND (0.069)	ND (0.07)	-	-	-	-	-	-	-	ND (0.069)	ND (0.068)	-	-	-	-	-	-	-
Aroclor-1268 (PCB-1268)	NA	ND (0.069)	ND (0.07)	-	-	-	-	-	-	-	ND (0.069)	ND (0.068)	-	-	-	-	-	-	-
Total PCBs	1	ND (0.069)	ND (0.07)	-	-	-	-	-	-	-	ND (0.069)	ND (0.068)	-	-	-	-	-	-	-
Inorganic Compounds (mg/kg)																			
Aluminum	NA	7060	7450	-	-	-	-	-	-	-	6810	7220	-	-	-	-	-	-	-
Antimony	NA	0.54 J	0.52 J	-	-	-	-	-	-	-	0.86 J	0.79 J	-	-	-	-	-	-	-
Arsenic	16	5.7	6	-	-	-	-	-	-	-	7.5	6.9	-	-	-	-	-	-	-
Barium	400	54.5	61.7	-	-	-	-	-	-	-	64.4	55.8	-	-	-	-	-	-	-
Beryllium	590	1	1	-	-	-	-	-	-	-	1.1	0.76	-	-	-	-	-	-	-
Cadmium	9.3	0.19 J	0.25 J	-	-	-	-	-	-	-	0.33 J	0.3 J	-	-	-	-	-	-	-
Calcium	NA	5850	1760	-	-	-	-	-	-	-	1940	1310	-	-	-	-	-	-	-
Chromium	NA	30.9	33	-	-	-	-	-	-	-	42.3	35	-	-	-	-	-	-	-
Cobalt	NA	10.6	13.1	-	-	-	-	-	-	-	14.1	11.6	-	-	-	-	-	-	-
Copper	270	66.7	91	-	-	-	-	-	-	-	120	88.3	-	-	-	-	-	-	-
Iron	NA	18000	24400	-	-	-	-	-	-	-	21300	20300	-	-	-	-	-	-	-
Lead	1000	74.7	99.7	-	-	-	-	-	-	-	136	248	-	-	-	-	-	-	-
Magnesium	NA	5140	2830	-	-	-	-	-	-	-	2360	2360	-	-	-	-	-	-	-
Manganese	10000	287	301	-	-	-	-	-	-	-	250	236	-	-	-	-	-	-	-
Mercury	2.8	0.029	0.03	-	-	-	-	-	-	-	0.032	0.034	-	-	-	-	-	-	-
Nickel	310	32	47.8	-	-	-	-	-	-	-	54.1	41.5	-	-	-	-	-	-	-
Potassium	NA	947	941	-	-	-	-	-	-	-	932	938	-	-	-	-	-	-	-
Selenium	1500	0.3 J	0.51 J	-	-	-	-	-	-	-	0.59 J	0.44 J	-	-	-	-	-	-	-
Silver	1500	0.16 J	0.17 J	-	-	-	-	-	-	-	0.26 J	0.23 J	-	-	-	-	-	-	-
Sodium	NA	96.6	110	-	-	-	-	-	-	-	124	110	-	-	-	-	-	-	-
Thallium	NA	0.085 J	0.086 J	-	-	-	-	-	-	-	0.073 J	0.081 J	-	-	-	-	-	-	-
Vanadium	NA	21.3	21.6	-	-	-	-	-	-	-	23.7	23.3	-	-	-	-	-	-	-
Zinc	10000	162	212	-	-	-	-	-	-	-	335	224	-	-	-	-	-	-	-

ABBREVIATIONS AND NOTES:

mg/kg: milligram per kilogram

**: LCS or LCSD is outside acceptance limits.*
-: Not Analyzed
B: Compound was found in the blank and the associated sample.
bgs: below ground surface
ft: feet
J: Value is estimated.
NA: Not Applicable
ND (2.5): Not detected, number in parentheses is the laboratory reporting limit

- For test methods used, see the laboratory data sheets.
- Soil analytical results are compared to the New York State Department of Environmental Conservation (NYSDEC) Title 6 of the Official Compilation of New York Codes, Rules, and Regulations (NYCRR) Part 375 Commercial Use Soil Cleanup Objectives (SCO).
- Grey shading indicates an exceedance of the Commercial Use Soil Cleanup Objectives.

TABLE 7
SUMMARY OF SOIL QUALITY DATA - BERM 8
FORMER PORT MOBIL TERMINAL
STATEN ISLAND, NEW YORK
FILE NO. 0208998

	Criteria																		
Location Name	NY Part 375	8A	8A	8A1	8A1	8A1	8A2	8A2	8A3	8A3	8B	8B	8B1	8B1	8B2	8B2	8B2	8B3	8B3
Sample Name	Commercial	8A_0-5	8A_5-10	8A1_1-2	8A1_5-6	8A1_9-10	8A2_2-3	8A2_7-8	8A3_4-5	8A3_8-9	8B_0-5	8B_5-10	8B1_1-2	8B1_5-6	8B2_2-3	8B2_6-7	8B2_9-10	8B3_4-5	8B3_8-9
Sample Date	Use	10/01/2025	10/01/2025	10/01/2025	10/01/2025	10/01/2025	10/01/2025	10/01/2025	10/01/2025	10/01/2025	10/01/2025	10/01/2025	10/01/2025	10/01/2025	10/01/2025	10/01/2025	10/01/2025	10/01/2025	10/01/2025
Lab Sample ID	Soil Cleanup	460-336212-7	460-336212-8	460-336212-45	460-336212-48	460-336212-51	460-336212-46	460-336212-49	460-336212-47	460-336212-50	460-336212-9	460-336212-10	460-336212-38	460-336212-41	460-336212-39	460-336212-42	460-336212-44	460-336212-40	460-336212-43
Sample Depth (bgs)	Objectives	0 - 5 (ft)	5 - 10 (ft)	1 - 2 (ft)	5 - 6 (ft)	9 - 10 (ft)	2 - 3 (ft)	7 - 8 (ft)	4 - 5 (ft)	8 - 9 (ft)	0 - 5 (ft)	5 - 10 (ft)	1 - 2 (ft)	5 - 6 (ft)	2 - 3 (ft)	6 - 7 (ft)	9 - 10 (ft)	4 - 5 (ft)	8 - 9 (ft)
Volatile Organic Compounds (mg/kg)																			
1,1,1-Trichloroethane	500	-	-	ND (0.00077)	ND (0.00096)	ND (0.12)	ND (0.00095)	ND (0.0014)	ND (0.0011)	ND (0.0011)	-	-	ND (0.0013)	ND (0.0014)	ND (0.0014)	ND (0.00066)	ND (0.00054)	ND (0.0011)	ND (0.00095)
1,1,2,2-Tetrachloroethane	NA	-	-	ND (0.00077)	ND (0.00096)	ND (0.12)	ND (0.00095)	ND (0.0014)	ND (0.0011)	ND (0.0011)	-	-	ND (0.0013)	ND (0.0014)	ND (0.0014)	ND (0.00066)	ND (0.00054)	ND (0.0011)	ND (0.00095)
1,1,2-Trichloroethane	NA	-	-	ND (0.00077)	ND (0.00096)	ND (0.12)	ND (0.00095)	ND (0.0014)	ND (0.0011)	ND (0.0011)	-	-	ND (0.0013)	ND (0.0014)	ND (0.0014)	ND (0.00066)	ND (0.00054)	ND (0.0011)	ND (0.00095)
1,1-Dichloroethane	240	-	-	ND (0.00077)	ND (0.00096)	ND (0.12)	ND (0.00095)	ND (0.0014)	ND (0.0011)	ND (0.0011)	-	-	ND (0.0013)	ND (0.0014)	ND (0.0014)	ND (0.00066)	ND (0.00054)	ND (0.0011)	ND (0.00095)
1,1-Dichloroethene	500	-	-	ND (0.00077)	ND (0.00096)	ND (0.12)	ND (0.00095)	ND (0.0014)	ND (0.0011)	ND (0.0011)	-	-	ND (0.0013)	ND (0.0014)	ND (0.0014)	ND (0.00066)	ND (0.00054)	ND (0.0011)	ND (0.00095)
1,2,3-Trichlorobenzene	NA	-	-	ND (0.00077)	ND (0.00096)	ND (0.12)	ND (0.00095)	ND (0.0014)	ND (0.0011)	ND (0.0011)	-	-	ND (0.0013)	ND (0.0014)	ND (0.0014)	ND (0.00066)	ND (0.00054)	ND (0.0011)	ND (0.00095)
1,2,4-Trichlorobenzene	NA	-	-	ND (0.00077)	ND (0.00096)	ND (0.12)	ND (0.00095)	ND (0.0014)	ND (0.0011)	ND (0.0011)	-	-	ND (0.0013)	ND (0.0014)	ND (0.0014)	ND (0.00066)	ND (0.00054)	ND (0.0011)	ND (0.00095)
1,2,4-Trimethylbenzene	190	-	-	ND (0.00077)	ND (0.00096)	ND (0.12)	ND (0.00095)	ND (0.0014)	ND (0.0011)	ND (0.0011)	-	-	ND (0.0013)	ND (0.0014)	ND (0.0014)	ND (0.00066)	ND (0.00054)	ND (0.0011)	ND (0.00095)
1,2-Dibromo-3-chloropropane (DBCP)	NA	-	-	ND (0.00077)	ND (0.00096)	ND (0.12)	ND (0.00095)	ND (0.0014)	ND (0.0011)	ND (0.0011)	-	-	ND (0.0013)	ND (0.0014)	ND (0.0014)	ND (0.00066)	ND (0.00054)	ND (0.0011)	ND (0.00095)
1,2-Dibromoethane (Ethylene Dibromide)	NA	-	-	ND (0.00077)	ND (0.00096)	ND (0.12)	ND (0.00095)	ND (0.0014)	ND (0.0011)	ND (0.0011)	-	-	ND (0.0013)	ND (0.0014)	ND (0.0014)	ND (0.00066)	ND (0.00054)	ND (0.0011)	ND (0.00095)
1,2-Dichlorobenzene	500	-	-	ND (0.00077)	ND (0.00096)	ND (0.12)	ND (0.00095)	ND (0.0014)	ND (0.0011)	ND (0.0011)	-	-	ND (0.0013)	ND (0.0014)	ND (0.0014)	ND (0.00066)	ND (0.00054)	ND (0.0011)	ND (0.00095)
1,2-Dichloroethane	30	-	-	ND (0.00077)	ND (0.00096)	ND (0.12)	ND (0.00095)	ND (0.0014)	ND (0.0011)	ND (0.0011)	-	-	ND (0.0013)	ND (0.0014)	ND (0.0014)	ND (0.00066)	ND (0.00054)	ND (0.0011)	ND (0.00095)
1,2-Dichloropropane	NA	-	-	ND (0.00077)	ND (0.00096)	ND (0.12)	ND (0.00095)	ND (0.0014)	ND (0.0011)	ND (0.0011)	-	-	ND (0.0013)	ND (0.0014)	ND (0.0014)	ND (0.00066)	ND (0.00054)	ND (0.0011)	ND (0.00095)
1,3,5-Trimethylbenzene	190	-	-	ND (0.00077)	ND (0.00096)	ND (0.12)	ND (0.00095)	ND (0.0014)	ND (0.0011)	ND (0.0011)	-	-	ND (0.0013)	ND (0.0014)	ND (0.0014)	ND (0.00066)	ND (0.00054)	ND (0.0011)	ND (0.00095)
1,3-Dichlorobenzene	280	-	-	ND (0.00077)	ND (0.00096)	ND (0.12)	ND (0.00095)	ND (0.0014)	ND (0.0011)	ND (0.0011)	-	-	ND (0.0013)	ND (0.0014)	ND (0.0014)	ND (0.00066)	ND (0.00054)	ND (0.0011)	ND (0.00095)
1,4-Dichlorobenzene	130	-	-	ND (0.00077)	ND (0.00096)	ND (0.12)	ND (0.00095)	ND (0.0014)	ND (0.0011)	ND (0.0011)	-	-	ND (0.0013)	ND (0.0014)	ND (0.0014)	ND (0.00066)	ND (0.00054)	ND (0.0011)	ND (0.00095)
2-Butanone (Methyl Ethyl Ketone)	500	-	-	ND (0.0038)	ND (0.0048)	ND (0.6)	ND (0.0047)	ND (0.0072)	ND (0.0054)	ND (0.0054)	-	-	ND (0.0063)	ND (0.0068)	ND (0.0071)	ND (0.0033)	ND (0.0027)	ND (0.0054)	ND (0.0048)
2-Hexanone (Methyl Butyl Ketone)	NA	-	-	ND (0.0038)	ND (0.0048)	ND (0.6) *	ND (0.0047)	ND (0.0072)	ND (0.0054)	ND (0.0054)	-	-	ND (0.0063)	ND (0.0068)	ND (0.0071)	ND (0.0033)	ND (0.0027)	ND (0.0054)	ND (0.0048)
2-Phenylbutane (sec-Butylbenzene)	500	-	-	ND (0.00077)	ND (0.00096)	ND (0.12)	ND (0.00095)	ND (0.0014)	ND (0.0011)	ND (0.0011)	-	-	ND (0.0013)	ND (0.0014)	ND (0.0014)	ND (0.00066)	ND (0.00054)	ND (0.0011)	ND (0.00095)
4-Methyl-2-Pentanone (Methyl Isobutyl Ketone)	NA	-	-	ND (0.0038)	ND (0.0048)	ND (0.6)	ND (0.0047)	ND (0.0072)	ND (0.0054)	ND (0.0054)	-	-	ND (0.0063)	ND (0.0068)	ND (0.0071)	ND (0.0033)	ND (0.0027)	ND (0.0054)	ND (0.0048)
Acetone	500	-	-	ND (0.0046)	ND (0.0058)	ND (0.6)	ND (0.0057)	ND (0.0087)	ND (0.0065)	ND (0.0065)	-	-	ND (0.0075)	ND (0.0081)	ND (0.0085)	ND (0.0039)	ND (0.0033)	ND (0.0065)	ND (0.0057)
Benzene	44	-	-	ND (0.00077)	ND (0.00096)	ND (0.12)	ND (0.00095)	ND (0.0014)	ND (0.0011)	ND (0.0011)	-	-	ND (0.0013)	ND (0.0014)	ND (0.0014)	ND (0.00066)	ND (0.00054)	ND (0.0011)	ND (0.00095)
Bromodichloromethane	NA	-	-	ND (0.00077)	ND (0.00096)	ND (0.12)	ND (0.00095)	ND (0.0014)	ND (0.0011)	ND (0.0011)	-	-	ND (0.0013)	ND (0.0014)	ND (0.0014)	ND (0.00066)	ND (0.00054)	ND (0.0011)	ND (0.00095)
Bromoform	NA	-	-	ND (0.00077)	ND (0.00096)	ND (0.12)	ND (0.00095)	ND (0.0014)	ND (0.0011)	ND (0.0011)	-	-	ND (0.0013)	ND (0.0014)	ND (0.0014)	ND (0.00066)	ND (0.00054)	ND (0.0011)	ND (0.00095)
Bromomethane (Methyl Bromide)	NA	-	-	ND (0.0015)	ND (0.0019)	ND (0.12)	ND (0.0019)	ND (0.0029)	ND (0.0022)	ND (0.0022)	-	-	ND (0.0025)	ND (0.0027)	ND (0.0028)	ND (0.0013)	ND (0.0011)	ND (0.0022)	ND (0.0019)
Carbon disulfide	NA	-	-	ND (0.00077)	ND (0.00096)	ND (0.12)	ND (0.00095)	ND (0.0014)	ND (0.0011)	ND (0.0011)	-	-	ND (0.0013)	ND (0.0014)	ND (0.0014)	ND (0.00066)	ND (0.00054)	ND (0.0011)	ND (0.00095)
Carbon tetrachloride	22	-	-	ND (0.00077)	ND (0.00096)	ND (0.12)	ND (0.00095)	ND (0.0014)	ND (0.0011)	ND (0.0011)	-	-	ND (0.0013)	ND (0.0014)	ND (0.0014)	ND (0.00066)	ND (0.00054)	ND (0.0011)	ND (0.00095)
Chlorobenzene	500	-	-	ND (0.00077)	ND (0.00096)	ND (0.12)	ND (0.00095)	ND (0.0014)	ND (0.0011)	ND (0.0011)	-	-	ND (0.0013)	ND (0.0014)	ND (0.0014)	ND (0.00066)	ND (0.00054)	ND (0.0011)	ND (0.00095)
Chlorobromomethane	NA	-	-	ND (0.00077)	ND (0.00096)	ND (0.12)	ND (0.00095)	ND (0.0014)	ND (0.0011)	ND (0.0011)	-	-	ND (0.0013)	ND (0.0014)	ND (0.0014)	ND (0.00066)	ND (0.00054)	ND (0.0011)	ND (0.00095)
Chloroethane	NA	-	-	ND (0.00077)	ND (0.00096)	ND (0.12)	ND (0.00095)	ND (0.0014)	ND (0.0011)	ND (0.0011)	-	-	ND (0.0013)	ND (0.0014)	ND (0.0014)	ND (0.00066)	ND (0.00054)	ND (0.0011)	ND (0.00095)
Chloroform (Trichloromethane)	350	-	-	ND (0.00077)	ND (0.00096)	ND (0.12)	ND (0.00095)	ND (0.0014)	ND (0.0011)	ND (0.0011)	-	-	ND (0.0013)	ND (0.0014)	ND (0.0014)	ND (0.00066)	ND (0.00054)	ND (0.0011)	ND (0.00095)
Chloromethane (Methyl Chloride)	NA	-	-	ND (0.00077)	ND (0.00096)	ND (0.12)	ND (0.00095)	ND (0.0014)	ND (0.0011)	ND (0.0011)	-	-	ND (0.0013)	ND (0.0014)	ND (0.0014)	ND (0.00066)	ND (0.00054)	ND (0.0011)	ND (0.00095)
cis-1,2-Dichloroethene	500	-	-	ND (0.00077)	ND (0.00096)	ND (0.12)	ND (0.00095)	ND (0.0014)	ND (0.0011)	ND (0.0011)	-	-	ND (0.0013)	ND (0.0014)	ND (0.0014)	ND (0.00066)	ND (0.00054)	ND (0.0011)	ND (0.00095)
cis-1,3-Dichloropropene	NA	-	-	ND (0.00077)	ND (0.00096)	ND (0.12)	ND (0.00095)	ND (0.0014)	ND (0.0011)	ND (0.0011)	-	-	ND (0.0013)	ND (0.0014)	ND (0.0014)	ND (0.00066)	ND (0.00054)	ND (0.0011)	ND (0.00095)
Cyclohexane	NA	-	-	ND (0.00077)	ND (0.00096)	ND (0.12)	ND (0.00095)	ND (0.0014)	ND (0.0011)	ND (0.0011)	-	-	ND (0.0013)	ND (0.0014)	ND (0.0014)	ND (0.00066)	ND (0.00054)	ND (0.0011)	ND (0.00095)
Dibromochloromethane	NA	-	-	ND (0.00077)	ND (0.00096)	ND (0.12)	ND (0.00095)	ND (0.0014)	ND (0.0011)	ND (0.0011)	-	-	ND (0.0013)	ND (0.0014)	ND (0.0014)	ND (0.00066)	ND (0.00054)	ND (0.0011)	ND (0.00095)
Dichlorodifluoromethane (CFC-12)	NA	-	-	ND (0.00077) *	ND (0.00096)	ND (0.12)	ND (0.00095)	ND (0.0014)	ND (0.0011)	ND (0.0011)	-	-	ND (0.0013)	ND (0.0014)	ND (0.0014)	ND (0.00066)	ND (0.00054) *	ND (0.0011) *	ND (0.00095)
Ethylbenzene	390	-	-	ND (0.00077)	ND (0.00096)	ND (0.12)	ND (0.00095)	ND (0.0014)	ND (0.0011)	ND (0.0011)	-	-	ND (0.0013)	ND (0.0014)	ND (0.0014)	ND (0.00066)	ND (0.00054)	ND (0.0011)	ND (0.00095)
Isopropylbenzene (Cumene)	NA	-	-	ND (0.00077)	ND (0.00096)	ND (0.12)	ND (0.00095)	ND (0.0014)	ND (0.0011)	ND (0.0011)	-	-	ND (0.0013)	ND (0.0014)	ND (0.0014)	ND (0.00066)	ND (0.00054)	ND (0.0011)	ND (0.00095)
m,p-Xylenes	NA	-	-	ND (0.00077)	ND (0.00096)	ND (0.12)	0.00045 J	ND (0.0014)	ND (0.0011)	ND (0.0011)	-	-	ND (0.0013)	ND (0.0014)	ND (0.0014)	ND (0.00066)	ND (0.00054)	ND (0.0011)	ND (0.00095)
Methyl acetate	NA	-	-	ND (0.0038)	ND (0.0048)	ND (0.6)	ND (0.0047)	ND (0.0072)	ND (0.0054)	ND (0.0054)	-	-	ND (0.0063)	ND (0.0068)	ND (0.0071)	ND (0.0033)	ND (0.0027)	ND (0.0054)	ND (0.0048)
Methyl Tert Butyl Ether (MTBE)	500	-	-	ND (0.00077)	ND (0.00096)	ND (0.12)	ND (0.00095)	ND (0.0014)	ND (0.0011)	ND (0.0011)	-	-	ND (0.0013)	ND (0.0014)	ND (0.0014)	ND (0.00066)	ND (0.00054)	ND (0.0011)	ND (0.00095)
Methylcyclohexane	NA	-	-	ND (0.00077)	ND (0.00096)	ND (0.12)	ND (0.00095)	ND (0.0014)	ND (0.0011)	ND (0.0011)	-	-	ND (0.0013)	ND (0.0014)	ND (0.0014)	ND (0.00066)	ND (0.00054)	ND (0.0011)	ND (0.00095)
Methylene chloride (Dichloromethane)	500	-	-	0.0026	0.0039	ND (0.12)	0.0048	0.0029	0.003	0.0034	-	-	0.0061	0.0054	ND (0.0028)	ND (0.0013)	0.0014	0.0041	0.0022
n-Butylbenzene	500	-	-	ND (0.00077)	ND (0.00096)	ND (0.12)	ND (0.00095)	ND (0.0014)	ND (0.0011)	ND (0.0011)	-	-	ND (0.0013)	ND (0.0014)	ND (0.0014)	ND (0.00066)	ND (0.00054)	ND (0.0011)	ND (0.00095)
n-Propylbenzene	500	-	-	ND (0.00077)	ND (0.00096)	ND (0.12)	ND (0.00095)	ND (0.0014)	ND (0.0011)	ND (0.0011)	-	-	ND (0.0013)	ND (0.0014)	ND (0.0014)	ND (0.00066)	ND (0.00054)	ND (0.0011)	ND (0.00095)
o-Xylene	NA	-	-	ND (0.00077)	ND (0.00096)	ND (0.12)	ND (0.00095)	ND (0.0014)	ND (0.0011)	ND (0.0011)	-	-	ND (0.0013)	ND (0.0014)	ND (0.0014)	ND (0.00066)	ND (0.00054)	ND (0.0011)	ND (0.00095)
Styrene	NA	-	-	ND (0.00077)	ND (0.00096)	ND (0.12)	ND (0.00095)	ND (0.0014)	ND (0.0011)	ND (0.0011)	-	-	ND (0.0013)	ND (0.0014)	ND (0.0014)	ND (0.00066)	ND (0.00054)	ND (0.0011)	ND (0.00095)
tert-Butylbenzene	500	-	-	ND (0.00077)	ND (0.00096)	ND (0.12) *	ND (0.00095)	ND (0.0014)	ND (0.0011)	ND (0.0011)	-	-	ND (0.0013)	ND (0.0014)	ND (0.0014)	ND (0.00066)	ND (0.00054)	ND (0.0011)	ND (0.00095)
Tetrachloroethene	150	-	-	ND (0.00077)	ND (0.00096)	ND (0.12)	ND (0.00095)	ND (0.0014)	ND (0.0011)	ND (0.0011)	-	-	ND (0.0013)	ND (0.0014)	ND (0.0014)	ND (0.00066)	ND (0.00054)	ND (0.0011)	ND (0.00095)
Toluene	500	-	-	ND (0.00077)	ND (0.00096)	ND (0.12)	ND (0.00095)	ND (0.0014)	ND (0.0011)	ND (0.0011)	-	-	ND (0.0013)	ND (0.0014)	ND (0.0014)	ND (0.00066)	ND (0.00054)	ND (0.0011)	ND (0.00095)
trans-1,2-Dichloroethene	500	-	-	ND (0.00077)	ND (0.00096)	ND (0.12)	ND (0.00095)	ND (0.0014)	ND (0.0011)	ND (0.0011)	-	-	ND (0.0013)	ND (0.0014)	ND (0.0014)	ND (0.00066)	ND (0.00054)	ND (0.0011)	ND (0.00095)
trans-1,3-Dichloropropene	NA	-	-	ND (0.00077)	ND (0.00096)	ND (0.12)	ND (0.00095)	ND (0.0014)	ND (0.0011)	ND (0.0011)	-	-	ND (0.0013)	ND (0.0014)	ND (0.0014)	ND (0.00066)	ND (0.00054)	ND (0.0011)	ND (0.00095)
Trichloroethene	200	-	-	ND (0.00077)	ND (0.00096)	ND (0.12)	ND (0.00095)	ND (0.0014)	ND (0.0011)	ND (0.0011)	-	-	ND (0.0013)	ND (0.0014)	ND (0.0014)	ND (0.00066)	ND (0.00054)	ND (0.0011)	ND (0.00095)
Trichlorofluoromethane (CFC-11)	NA	-	-	ND (0.00077)	ND (0.00096)	ND (0.12)	ND (0.00095)	ND (0.0014)	ND (0.0011)	ND (0.0011)	-	-	ND (0.0013)	ND (0.0014)	ND (0.0014)	ND (0.00066)	ND (0.00054)	ND (0.0011)	ND (0.00095)
Trifluorotrichloroethane (Freon 113)	NA	-	-	ND (0.00077)	ND (0.00096)	ND (0.12)	ND (0.00095)	ND (0.0014)	ND (0.0011)	ND (0.0011)	-	-	ND (0.0013)	ND (0.0014)	ND (0.0014)	ND (0.00066)	ND (0.00054)	ND (0.0011)	ND (0.00095)
Vinyl chloride	13	-	-	ND (0.00077)	ND (0.00096)	ND (0.12)	ND (0.00095)	ND (0.0014)	ND (0.0011)	ND (0.0011)	-	-	ND (0.0013)	ND (0.0014)	ND (0.0014)	ND (0.00066)	ND (0.00054)	ND (0.0011)	ND (0.00095)
Xylene (Total)	500	-	-	ND (0.0015)	ND (0.0019)	ND (0.24)	0.00045 J	ND (0.0029)	ND (0.0022)	ND (0.0022)	-	-	ND (0.0025)	ND (0.0027)	ND (0.0028)	ND (0.0013)	ND (0.0011)	ND (0.0022)	ND (0.0019)

TABLE 7
SUMMARY OF SOIL QUALITY DATA - BERM 8
FORMER PORT MOBIL TERMINAL
STATEN ISLAND, NEW YORK
FILE NO. 0208998

	Criteria																		
Location Name	NY Part 375	8A	8A	8A1	8A1	8A1	8A2	8A2	8A3	8A3	8B	8B	8B1	8B1	8B2	8B2	8B2	8B3	8B3
Sample Name	Commercial	8A_0-5	8A_5-10	8A1_1-2	8A1_5-6	8A1_9-10	8A2_2-3	8A2_7-8	8A3_4-5	8A3_8-9	8B_0-5	8B_5-10	8B1_1-2	8B1_5-6	8B2_2-3	8B2_6-7	8B2_9-10	8B3_4-5	8B3_8-9
Sample Date	Use	10/01/2025	10/01/2025	10/01/2025	10/01/2025	10/01/2025	10/01/2025	10/01/2025	10/01/2025	10/01/2025	10/01/2025	10/01/2025	10/01/2025	10/01/2025	10/01/2025	10/01/2025	10/01/2025	10/01/2025	10/01/2025
Lab Sample ID	Soil Cleanup	460-336212-7	460-336212-8	460-336212-45	460-336212-48	460-336212-51	460-336212-46	460-336212-49	460-336212-47	460-336212-50	460-336212-9	460-336212-10	460-336212-38	460-336212-41	460-336212-39	460-336212-42	460-336212-44	460-336212-40	460-336212-43
Sample Depth (bgs)	Objectives	0 - 5 (ft)	5 - 10 (ft)	1 - 2 (ft)	5 - 6 (ft)	9 - 10 (ft)	2 - 3 (ft)	7 - 8 (ft)	4 - 5 (ft)	8 - 9 (ft)	0 - 5 (ft)	5 - 10 (ft)	1 - 2 (ft)	5 - 6 (ft)	2 - 3 (ft)	6 - 7 (ft)	9 - 10 (ft)	4 - 5 (ft)	8 - 9 (ft)
Semi-Volatile Organic Compounds (mg/kg)																			
1,2,4,5-Tetrachlorobenzene	NA	ND (0.36)	ND (0.4)	-	-	-	-	-	-	-	ND (0.36)	ND (0.36)	-	-	-	-	-	-	-
1,4-Dioxane	130	ND (0.036)	ND (0.04)	-	-	-	-	-	-	-	ND (0.036)	ND (0.036)	-	-	-	-	-	-	-
2,2'-oxybis(1-Chloropropane)	NA	ND (0.36)	ND (0.4)	-	-	-	-	-	-	-	ND (0.36)	ND (0.36)	-	-	-	-	-	-	-
2,3,4,6-Tetrachlorophenol	NA	ND (0.36)	ND (0.4)	-	-	-	-	-	-	-	ND (0.36)	ND (0.36)	-	-	-	-	-	-	-
2,4,5-Trichlorophenol	NA	ND (0.36)	ND (0.4)	-	-	-	-	-	-	-	ND (0.36)	ND (0.36)	-	-	-	-	-	-	-
2,4,6-Trichlorophenol	NA	ND (0.14)	ND (0.16)	-	-	-	-	-	-	-	ND (0.14)	ND (0.15)	-	-	-	-	-	-	-
2,4-Dichlorophenol	NA	ND (0.14)	ND (0.16)	-	-	-	-	-	-	-	ND (0.14)	ND (0.15)	-	-	-	-	-	-	-
2,4-Dimethylphenol	NA	ND (0.36)	ND (0.4)	-	-	-	-	-	-	-	ND (0.36)	ND (0.36)	-	-	-	-	-	-	-
2,4-Dinitrophenol	NA	ND (0.29)	ND (0.32)	-	-	-	-	-	-	-	ND (0.29)	ND (0.29)	-	-	-	-	-	-	-
2,4-Dinitrotoluene	NA	ND (0.073)	ND (0.08)	-	-	-	-	-	-	-	ND (0.073)	ND (0.074)	-	-	-	-	-	-	-
2,6-Dinitrotoluene	NA	ND (0.073)	ND (0.08)	-	-	-	-	-	-	-	ND (0.073)	ND (0.074)	-	-	-	-	-	-	-
2-Chloronaphthalene	NA	ND (0.36)	ND (0.4)	-	-	-	-	-	-	-	ND (0.36)	ND (0.36)	-	-	-	-	-	-	-
2-Chlorophenol	NA	ND (0.36)	ND (0.4)	-	-	-	-	-	-	-	ND (0.36)	ND (0.36)	-	-	-	-	-	-	-
2-Methylnaphthalene	NA	ND (0.36)	ND (0.4)	-	-	-	-	-	-	-	ND (0.36)	ND (0.36)	-	-	-	-	-	-	-
2-Methylphenol (o-Cresol)	500	ND (0.36)	ND (0.4)	-	-	-	-	-	-	-	ND (0.36)	ND (0.36)	-	-	-	-	-	-	-
2-Nitroaniline	NA	ND (0.36)	ND (0.4)	-	-	-	-	-	-	-	ND (0.36)	ND (0.36)	-	-	-	-	-	-	-
2-Nitrophenol	NA	ND (0.36)	ND (0.4)	-	-	-	-	-	-	-	ND (0.36)	ND (0.36)	-	-	-	-	-	-	-
3&4-Methylphenol	NA	ND (0.36)	ND (0.4)	-	-	-	-	-	-	-	ND (0.36)	ND (0.36)	-	-	-	-	-	-	-
3,3'-Dichlorobenzidine	NA	ND (0.14)	ND (0.16)	-	-	-	-	-	-	-	ND (0.14)	ND (0.15)	-	-	-	-	-	-	-
3-Nitroaniline	NA	ND (0.36)	ND (0.4)	-	-	-	-	-	-	-	ND (0.36)	ND (0.36)	-	-	-	-	-	-	-
4,6-Dinitro-2-methylphenol	NA	ND (0.29)	ND (0.32)	-	-	-	-	-	-	-	ND (0.29)	ND (0.29)	-	-	-	-	-	-	-
4-Bromophenyl phenyl ether (BDE-3)	NA	ND (0.36)	ND (0.4)	-	-	-	-	-	-	-	ND (0.36)	ND (0.36)	-	-	-	-	-	-	-
4-Chloro-3-methylphenol	NA	ND (0.36)	ND (0.4)	-	-	-	-	-	-	-	ND (0.36)	ND (0.36)	-	-	-	-	-	-	-
4-Chloroaniline	NA	ND (0.36)	ND (0.4)	-	-	-	-	-	-	-	ND (0.36)	ND (0.36)	-	-	-	-	-	-	-
4-Chlorophenyl phenyl ether	NA	ND (0.36)	ND (0.4)	-	-	-	-	-	-	-	ND (0.36)	ND (0.36)	-	-	-	-	-	-	-
4-Methylphenol	500	ND (0.36)	ND (0.4)	-	-	-	-	-	-	-	ND (0.36)	ND (0.36)	-	-	-	-	-	-	-
4-Nitroaniline	NA	ND (0.36)	ND (0.4)	-	-	-	-	-	-	-	ND (0.36)	ND (0.36)	-	-	-	-	-	-	-
4-Nitrophenol	NA	ND (0.73)	ND (0.8)	-	-	-	-	-	-	-	ND (0.73)	ND (0.74)	-	-	-	-	-	-	-
Acenaphthene	500	ND (0.36)	ND (0.4)	-	-	-	-	-	-	-	ND (0.36)	ND (0.36)	-	-	-	-	-	-	-
Acenaphthylene	500	ND (0.36)	ND (0.4)	-	-	-	-	-	-	-	ND (0.36)	ND (0.36)	-	-	-	-	-	-	-
Acetophenone	NA	ND (0.36)	ND (0.4)	-	-	-	-	-	-	-	ND (0.36)	ND (0.36)	-	-	-	-	-	-	-
Anthracene	500	ND (0.36)	ND (0.4)	-	-	-	-	-	-	-	ND (0.36)	ND (0.36)	-	-	-	-	-	-	-
Atrazine	NA	ND (0.14)	ND (0.16)	-	-	-	-	-	-	-	ND (0.14)	ND (0.15)	-	-	-	-	-	-	-
Benzaldehyde	NA	ND (0.36)	ND (0.4)	-	-	-	-	-	-	-	ND (0.36)	ND (0.36)	-	-	-	-	-	-	-
Benzo(a)anthracene	5.6	ND (0.036)	ND (0.04)	-	-	-	-	-	-	-	ND (0.036)	ND (0.036)	-	-	-	-	-	-	-
Benzo(a)pyrene	1	ND (0.036)	ND (0.04)	-	-	-	-	-	-	-	ND (0.036)	ND (0.036)	-	-	-	-	-	-	-
Benzo(b)fluoranthene	5.6	0.011 J	ND (0.04)	-	-	-	-	-	-	-	0.012 J	ND (0.036)	-	-	-	-	-	-	-
Benzo(g,h,i)perylene	500	ND (0.36)	ND (0.4)	-	-	-	-	-	-	-	ND (0.36)	ND (0.36)	-	-	-	-	-	-	-
Benzo(k)fluoranthene	56	ND (0.036)	ND (0.04)	-	-	-	-	-	-	-	ND (0.036)	ND (0.036)	-	-	-	-	-	-	-
Biphenyl	NA	ND (0.36)	ND (0.4)	-	-	-	-	-	-	-	ND (0.36)	ND (0.36)	-	-	-	-	-	-	-
bis(2-Chloroethoxy)methane	NA	ND (0.36)	ND (0.4)	-	-	-	-	-	-	-	ND (0.36)	ND (0.36)	-	-	-	-	-	-	-
bis(2-Chloroethyl)ether	NA	ND (0.036)	ND (0.04)	-	-	-	-	-	-	-	ND (0.036)	ND (0.036)	-	-	-	-	-	-	-
bis(2-Ethylhexyl)phthalate	NA	ND (0.36)	ND (0.4)	-	-	-	-	-	-	-	ND (0.36)	ND (0.36)	-	-	-	-	-	-	-
Butyl benzylphthalate (BBP)	NA	ND (0.36)	ND (0.4)	-	-	-	-	-	-	-	ND (0.36)	ND (0.36)	-	-	-	-	-	-	-
Caprolactam	NA	ND (0.36)	ND (0.4)	-	-	-	-	-	-	-	ND (0.36)	ND (0.36)	-	-	-	-	-	-	-
Carbazole	NA	ND (0.36)	ND (0.4)	-	-	-	-	-	-	-	ND (0.36)	ND (0.36)	-	-	-	-	-	-	-
Chrysene	56	ND (0.36)	ND (0.4)	-	-	-	-	-	-	-	ND (0.36)	ND (0.36)	-	-	-	-	-	-	-
Dibenz(a,h)anthracene	0.56	ND (0.036)	ND (0.04)	-	-	-	-	-	-	-	ND (0.036)	ND (0.036)	-	-	-	-	-	-	-
Dibenzofuran	350	ND (0.36)	ND (0.4)	-	-	-	-	-	-	-	ND (0.36)	ND (0.36)	-	-	-	-	-	-	-
Diethyl phthalate	NA	ND (0.36)	ND (0.4)	-	-	-	-	-	-	-	ND (0.36)	ND (0.36)	-	-	-	-	-	-	-
Dimethyl phthalate	NA	ND (0.36)	ND (0.4)	-	-	-	-	-	-	-	ND (0.36)	ND (0.36)	-	-	-	-	-	-	-
Di-n-butylphthalate (DBP)	NA	ND (0.36)	ND (0.4)	-	-	-	-	-	-	-	ND (0.36)	ND (0.36)	-	-	-	-	-	-	-
Di-n-octyl phthalate (DnOP)	NA	ND (0.36)	ND (0.4)	-	-	-	-	-	-	-	ND (0.36)	ND (0.36)	-	-	-	-	-	-	-
Fluoranthene	500	0.016 J	ND (0.4)	-	-	-	-	-	-	-	ND (0.36)	ND (0.36)	-	-	-	-	-	-	-
Fluorene	500	ND (0.36)	ND (0.4)	-	-	-	-	-	-	-	ND (0.36)	ND (0.36)	-	-	-	-	-	-	-
Hexachlorobenzene	6	ND (0.036)	ND (0.04)	-	-	-	-	-	-	-	ND (0.036)	ND (0.036)	-	-	-	-	-	-	-
Hexachlorobutadiene	NA	ND (0.073)	ND (0.08)	-	-	-	-	-	-	-	ND (0.073)	ND (0.074)	-	-	-	-	-	-	-
Hexachlorocyclopentadiene	NA	ND (0.36)	ND (0.4)	-	-	-	-	-	-	-	ND (0.36)	ND (0.36)	-	-	-	-	-	-	-
Hexachloroethane	NA	ND (0.036)	ND (0.04)	-	-	-	-	-	-	-	ND (0.036)	ND (0.036)	-	-	-	-	-	-	-
Indeno(1,2,3-cd)pyrene	5.6	ND (0.036)	ND (0.04)	-	-	-	-	-	-	-	ND (0.036)	ND (0.036)	-	-	-	-	-	-	-
Isophorone	NA	ND (0.14)	ND (0.16)	-	-	-	-	-	-	-	ND (0.14)	ND (0.15)	-	-	-	-	-	-	-
Naphthalene	500	ND (0.36)	ND (0.4)	-	-	-	-	-	-	-	ND (0.36)	ND (0.36)	-	-	-	-	-	-	-
Nitrobenzene	NA	ND (0.036)	ND (0.04)	-	-	-	-	-	-	-	ND (0.036)	ND (0.036)	-	-	-	-	-	-	-
N-Nitrosodi-n-propylamine	NA	ND (0.036)	ND (0.04)	-	-	-	-	-	-	-	ND (0.036)	ND (0.036)	-	-	-	-	-	-	-
N-Nitrosodiphenylamine	NA	ND (0.36)	ND (0.4)	-	-	-	-	-	-	-	ND (0.36)	ND (0.36)	-	-	-	-	-	-	-
Pentachlorophenol	6.7	ND (0.29)	ND (0.32)	-	-	-	-	-	-	-	ND (0.29)	ND (0.29)	-	-	-	-	-	-	-
Phenanthrene	500	ND (0.36)	ND (0.4)	-	-	-	-	-	-	-	ND (0.36)	ND (0.36)	-	-	-	-	-	-	-
Phenol	500	ND (0.36)	ND (0.4)	-	-	-	-	-	-	-	ND (0.36)	ND (0.36)	-	-	-	-	-	-	-
Pyrene	500	0.014 J	ND (0.4)	-	-	-	-	-	-	-	0.013 J	ND (0.36)	-	-	-	-	-	-	-

TABLE 7
SUMMARY OF SOIL QUALITY DATA - BERM 8
FORMER PORT MOBIL TERMINAL
STATEN ISLAND, NEW YORK
FILE NO. 0208998

	Criteria																		
Location Name	NY Part 375	8A	8A	8A1	8A1	8A1	8A2	8A2	8A3	8A3	8B	8B	8B1	8B1	8B2	8B2	8B2	8B3	8B3
Sample Name	Commercial	8A_0-5	8A_5-10	8A1_1-2	8A1_5-6	8A1_9-10	8A2_2-3	8A2_7-8	8A3_4-5	8A3_8-9	8B_0-5	8B_5-10	8B1_1-2	8B1_5-6	8B2_2-3	8B2_6-7	8B2_9-10	8B3_4-5	8B3_8-9
Sample Date	Use	10/01/2025	10/01/2025	10/01/2025	10/01/2025	10/01/2025	10/01/2025	10/01/2025	10/01/2025	10/01/2025	10/01/2025	10/01/2025	10/01/2025	10/01/2025	10/01/2025	10/01/2025	10/01/2025	10/01/2025	10/01/2025
Lab Sample ID	Soil Cleanup	460-336212-7	460-336212-8	460-336212-45	460-336212-48	460-336212-51	460-336212-46	460-336212-49	460-336212-47	460-336212-50	460-336212-9	460-336212-10	460-336212-38	460-336212-41	460-336212-39	460-336212-42	460-336212-44	460-336212-40	460-336212-43
Sample Depth (bgs)	Objectives	0 - 5 (ft)	5 - 10 (ft)	1 - 2 (ft)	5 - 6 (ft)	9 - 10 (ft)	2 - 3 (ft)	7 - 8 (ft)	4 - 5 (ft)	8 - 9 (ft)	0 - 5 (ft)	5 - 10 (ft)	1 - 2 (ft)	5 - 6 (ft)	2 - 3 (ft)	6 - 7 (ft)	9 - 10 (ft)	4 - 5 (ft)	8 - 9 (ft)
PFAS (mg/kg)																			
11-Chloroeicosafluoro-3-Oxaundecane-1-Sulfonic Acid (11Cl-PF3OUdS)	NA	ND (0.00019)	ND (0.0002)	-	-	-	-	-	-	-	ND (0.00019)	ND (0.00018)	-	-	-	-	-	-	-
2H,2H,3H,3H-Perfluorooctanoic acid (5:3 FTCA)	NA	ND (0.00097)	ND (0.001)	-	-	-	-	-	-	-	ND (0.00095)	ND (0.00091)	-	-	-	-	-	-	-
3-(Perfluoroheptyl)propanoic acid (7:3 FTCA)	NA	ND (0.00097)	ND (0.001)	-	-	-	-	-	-	-	ND (0.00095)	ND (0.00091)	-	-	-	-	-	-	-
3:3 Fluorotelomer carboxylic acid (3:3 FTCA)	NA	ND (0.00039)	ND (0.0004)	-	-	-	-	-	-	-	ND (0.00038)	ND (0.00037)	-	-	-	-	-	-	-
4,8-Dioxa-3H-Perfluorononanoic Acid (ADONA)	NA	ND (0.00019)	ND (0.0002)	-	-	-	-	-	-	-	ND (0.00019)	ND (0.00018)	-	-	-	-	-	-	-
4:2 Fluorotelomer sulfonic acid (4:2 FTS)	NA	ND (0.00039)	ND (0.0004)	-	-	-	-	-	-	-	ND (0.00038)	ND (0.00037)	-	-	-	-	-	-	-
6:2 Fluorotelomer sulfonic acid (6:2 FTS)	NA	ND (0.00039)	ND (0.0004)	-	-	-	-	-	-	-	ND (0.00038)	ND (0.00037)	-	-	-	-	-	-	-
8:2 Fluorotelomer sulfonic acid (8:2 FTS)	NA	ND (0.00039)	ND (0.0004)	-	-	-	-	-	-	-	ND (0.00038)	ND (0.00037)	-	-	-	-	-	-	-
9-Chlorohexadecafluoro-3-Oxanone-1-Sulfonic Acid (9Cl-PF3ONS)	NA	ND (0.00019)	ND (0.0002)	-	-	-	-	-	-	-	ND (0.00019)	ND (0.00018)	-	-	-	-	-	-	-
N-Ethyl Perfluorooctanesulfonamidoacetic Acid (NEtFOSAA)	NA	ND (0.00019)	ND (0.0002)	-	-	-	-	-	-	-	ND (0.00019)	ND (0.00018)	-	-	-	-	-	-	-
N-Ethylperfluorooctane sulfonamide (N-EtFOSA)	NA	ND (0.00019)	ND (0.0002)	-	-	-	-	-	-	-	ND (0.00019)	ND (0.00018)	-	-	-	-	-	-	-
N-Ethylperfluorooctane sulfonamidoethanol (N-EtFOSE)	NA	ND (0.00097)	ND (0.001)	-	-	-	-	-	-	-	ND (0.00095)	ND (0.00091)	-	-	-	-	-	-	-
N-Methyl Perfluorooctanesulfonamidoacetic Acid (NMeFOSAA)	NA	ND (0.00019)	ND (0.0002)	-	-	-	-	-	-	-	ND (0.00019)	ND (0.00018)	-	-	-	-	-	-	-
N-Methylperfluorooctane sulfonamide (N-MeFOSA)	NA	ND (0.00019)	ND (0.0002)	-	-	-	-	-	-	-	ND (0.00019)	ND (0.00018)	-	-	-	-	-	-	-
N-Methylperfluorooctane sulfonamidoethanol (N-MeFOSE)	NA	ND (0.00097)	ND (0.001)	-	-	-	-	-	-	-	ND (0.00095)	ND (0.00091)	-	-	-	-	-	-	-
Nonafluoro-3,6-dioxaheptanoic acid (NFDHA)	NA	ND (0.00019)	ND (0.0002)	-	-	-	-	-	-	-	ND (0.00019)	ND (0.00018)	-	-	-	-	-	-	-
Perfluoro(2-ethoxyethane) sulphonic acid (PFEESA)	NA	ND (0.00019)	ND (0.0002)	-	-	-	-	-	-	-	ND (0.00019)	ND (0.00018)	-	-	-	-	-	-	-
Perfluoro(4-methoxybutanoic) acid (PFMBA)	NA	ND (0.00019)	ND (0.0002)	-	-	-	-	-	-	-	ND (0.00019)	ND (0.00018)	-	-	-	-	-	-	-
Perfluoro-2-propoxypropanoic acid (PFPrOPrA)(GenX) (HFPO-DA)	NA	ND (0.00019)	ND (0.0002)	-	-	-	-	-	-	-	ND (0.00019)	ND (0.00018)	-	-	-	-	-	-	-
Perfluoro-3-methoxypropanoic acid (PFMPA)	NA	ND (0.00019)	ND (0.0002)	-	-	-	-	-	-	-	ND (0.00019)	ND (0.00018)	-	-	-	-	-	-	-
Perfluorobutanesulfonic acid (PFBS)	NA	ND (0.00019)	ND (0.0002)	-	-	-	-	-	-	-	ND (0.00019)	ND (0.00018)	-	-	-	-	-	-	-
Perfluorobutanoic acid (PFBA)	NA	ND (0.00039)	ND (0.0004)	-	-	-	-	-	-	-	ND (0.00038)	ND (0.00037)	-	-	-	-	-	-	-
Perfluorodecanesulfonic acid (PFDS)	NA	ND (0.00019)	ND (0.0002)	-	-	-	-	-	-	-	ND (0.00019)	ND (0.00018)	-	-	-	-	-	-	-
Perfluorodecanoic acid (PFDA)	NA	ND (0.00019)	ND (0.0002)	-	-	-	-	-	-	-	0.00012 J	0.000077 J	-	-	-	-	-	-	-
Perfluorododecane sulfonic acid (PFDoDS)	NA	ND (0.00019)	ND (0.0002)	-	-	-	-	-	-	-	ND (0.00019)	ND (0.00018)	-	-	-	-	-	-	-
Perfluorododecanoic acid (PFDoDA)	NA	ND (0.00019)	0.00011 J	-	-	-	-	-	-	-	0.00011 J	0.00014 J	-	-	-	-	-	-	-
Perfluoroheptanesulfonic acid (PFHpS)	NA	ND (0.00019)	ND (0.0002)	-	-	-	-	-	-	-	ND (0.00019)	ND (0.00018)	-	-	-	-	-	-	-
Perfluoroheptanoic acid (PFHpA)	NA	ND (0.00019)	ND (0.0002)	-	-	-	-	-	-	-	ND (0.00019)	ND (0.00018)	-	-	-	-	-	-	-
Perfluorohexanesulfonic acid (PFHxS)	NA	ND (0.00019)	ND (0.0002)	-	-	-	-	-	-	-	ND (0.00019)	ND (0.00018)	-	-	-	-	-	-	-
Perfluorohexanoic acid (PFHxA)	NA	ND (0.00019)	ND (0.0002)	-	-	-	-	-	-	-	ND (0.00019)	ND (0.00018)	-	-	-	-	-	-	-
Perfluorononane sulfonic acid (PFNS)	NA	ND (0.00019)	ND (0.0002)	-	-	-	-	-	-	-	ND (0.00019)	ND (0.00018)	-	-	-	-	-	-	-
Perfluorononanoic acid (PFNA)	NA	ND (0.00019)	ND (0.0002)	-	-	-	-	-	-	-	0.00099	ND (0.00018)	-	-	-	-	-	-	-
Perfluorooctane sulfonamide (PFOSA)	NA	ND (0.00019)	ND (0.0002)	-	-	-	-	-	-	-	ND (0.00019)	ND (0.00018)	-	-	-	-	-	-	-
Perfluorooctanesulfonic acid (PFOS)	0.44	ND (0.00019)	ND (0.0002)	-	-	-	-	-	-	-	ND (0.00019)	ND (0.00018)	-	-	-	-	-	-	-
Perfluorooctanoic acid (PFOA)	0.5	ND (0.00019)	ND (0.0002)	-	-	-	-	-	-	-	0.000069 J	0.000056 J	-	-	-	-	-	-	-
Perfluoropentanesulfonic acid (PFPeS)	NA	ND (0.00019)	ND (0.0002)	-	-	-	-	-	-	-	ND (0.00019)	ND (0.00018)	-	-	-	-	-	-	-
Perfluoropentanoic acid (PFPeA)	NA	ND (0.00019)	ND (0.0002)	-	-	-	-	-	-	-	ND (0.00019)	ND (0.00018)	-	-	-	-	-	-	-
Perfluorotetradecanoic acid (PFTeDA)	NA	ND (0.00019)	ND (0.0002)	-	-	-	-	-	-	-	ND (0.00019)	ND (0.00018)	-	-	-	-	-	-	-
Perfluorotridecanoic acid (PFTrDA)	NA	0.00078	0.00115	-	-	-	-	-	-	-	0.00087	0.00054	-	-	-	-	-	-	-
Perfluoroundecanoic acid (PFUnDA)	NA	0.00058	0.00121	-	-	-	-	-	-	-	0.00089	0.00082	-	-	-	-	-	-	-
Pesticides (mg/kg)																			
4,4'-DDD	92	ND (0.0073)	ND (0.008)	-	-	-	-	-	-	-	ND (0.0073)	ND (0.0074)	-	-	-	-	-	-	-
4,4'-DDE	62	ND (0.0073)	ND (0.008)	-	-	-	-	-	-	-	ND (0.0073)	ND (0.0074)	-	-	-	-	-	-	-
4,4'-DDT	47	ND (0.0073)	ND (0.008)	-	-	-	-	-	-	-	ND (0.0073)	ND (0.0074)	-	-	-	-	-	-	-
Aldrin	0.68	ND (0.0073)	ND (0.008)	-	-	-	-	-	-	-	ND (0.0073)	ND (0.0074)	-	-	-	-	-	-	-
alpha-BHC	3.4	ND (0.0022)	ND (0.0024)	-	-	-	-	-	-	-	ND (0.0022)	ND (0.0022)	-	-	-	-	-	-	-
alpha-Chlordane (cis)	24	ND (0.0073)	ND (0.008)	-	-	-	-	-	-	-	ND (0.0073)	ND (0.0074)	-	-	-	-	-	-	-
beta-BHC	3	ND (0.0022)	ND (0.0024)	-	-	-	-	-	-	-	ND (0.0022)	ND (0.0022)	-	-	-	-	-	-	-
Chlordane	NA	ND (0.073)	ND (0.08)	-	-	-	-	-	-	-	ND (0.073)	ND (0.074)	-	-	-	-	-	-	-
delta-BHC	500	ND (0.0022)	ND (0.0024)	-	-	-	-	-	-	-	ND (0.0022)	ND (0.0022)	-	-	-	-	-	-	-
Dieldrin	1.4	ND (0.0022)	ND (0.0024)	-	-	-	-	-	-	-	ND (0.0022)	ND (0.0022)	-	-	-	-	-	-	-
Endosulfan I	200	ND (0.0073)	ND (0.008)	-	-	-	-	-	-	-	ND (0.0073)	ND (0.0074)	-	-	-	-	-	-	-
Endosulfan II	200	ND (0.0073)	ND (0.008)	-	-	-	-	-	-	-	ND (0.0073)	ND (0.0074)	-	-	-	-	-	-	-
Endosulfan sulfate	200	ND (0.0073)	ND (0.008)	-	-	-	-	-	-	-	ND (0.0073)	ND (0.0074)	-	-	-	-	-	-	-
Endrin	89	ND (0.0073)	ND (0.008)	-	-	-	-	-	-	-	ND (0.0073)	ND (0.0074)	-	-	-	-	-	-	-
Endrin aldehyde	NA	ND (0.0073)	ND (0.008)	-	-	-	-	-	-	-	ND (0.0073)	ND (0.0074)	-	-	-	-	-	-	-
Endrin ketone	NA	ND (0.0073)	ND (0.008)	-	-	-	-	-	-	-	ND (0.0073)	ND (0.0074)	-	-	-	-	-	-	-
gamma-BHC (Lindane)	9.2	ND (0.0022)	ND (0.0024)	-	-	-	-	-	-	-	ND (0.0022)	ND (0.0022)	-	-	-	-	-	-	-
Heptachlor	15	ND (0.0073)	ND (0.008)	-	-	-	-	-	-	-	ND (0.0073)	ND (0.0074)	-	-	-	-	-	-	-
Heptachlor epoxide	NA	ND (0.0073)	ND (0.008)	-	-	-	-	-	-	-	ND (0.0073)	ND (0.0074)	-	-	-	-	-	-	-
Methoxychlor	NA	ND (0.0073)	ND (0.008)	-	-	-	-	-	-	-	ND (0.0073)	ND (0.0074)	-	-	-	-	-	-	-
Toxaphene	NA	ND (0.073)	ND (0.08)	-	-	-	-	-	-	-	ND (0.073)	ND (0.074)	-	-	-	-	-	-	-

TABLE 7
SUMMARY OF SOIL QUALITY DATA - BERM 8
FORMER PORT MOBIL TERMINAL
STATEN ISLAND, NEW YORK
FILE NO. 0208998

	Criteria																		
Location Name	NY Part 375	8A	8A	8A1	8A1	8A1	8A2	8A2	8A3	8A3	8B	8B	8B1	8B1	8B2	8B2	8B2	8B3	8B3
Sample Name	Commercial	8A_0-5	8A_5-10	8A1_1-2	8A1_5-6	8A1_9-10	8A2_2-3	8A2_7-8	8A3_4-5	8A3_8-9	8B_0-5	8B_5-10	8B1_1-2	8B1_5-6	8B2_2-3	8B2_6-7	8B2_9-10	8B3_4-5	8B3_8-9
Sample Date	Use	10/01/2025	10/01/2025	10/01/2025	10/01/2025	10/01/2025	10/01/2025	10/01/2025	10/01/2025	10/01/2025	10/01/2025	10/01/2025	10/01/2025	10/01/2025	10/01/2025	10/01/2025	10/01/2025	10/01/2025	10/01/2025
Lab Sample ID	Soil Cleanup	460-336212-7	460-336212-8	460-336212-45	460-336212-48	460-336212-51	460-336212-46	460-336212-49	460-336212-47	460-336212-50	460-336212-9	460-336212-10	460-336212-38	460-336212-41	460-336212-39	460-336212-42	460-336212-44	460-336212-40	460-336212-43
Sample Depth (bgs)	Objectives	0 - 5 (ft)	5 - 10 (ft)	1 - 2 (ft)	5 - 6 (ft)	9 - 10 (ft)	2 - 3 (ft)	7 - 8 (ft)	4 - 5 (ft)	8 - 9 (ft)	0 - 5 (ft)	5 - 10 (ft)	1 - 2 (ft)	5 - 6 (ft)	2 - 3 (ft)	6 - 7 (ft)	9 - 10 (ft)	4 - 5 (ft)	8 - 9 (ft)
Polychlorinated Biphenyls (mg/kg)																			
Aroclor-1016 (PCB-1016)	NA	ND (0.073)	ND (0.08)	-	-	-	-	-	-	-	ND (0.073)	ND (0.074)	-	-	-	-	-	-	-
Aroclor-1221 (PCB-1221)	NA	ND (0.073)	ND (0.08)	-	-	-	-	-	-	-	ND (0.073)	ND (0.074)	-	-	-	-	-	-	-
Aroclor-1232 (PCB-1232)	NA	ND (0.073)	ND (0.08)	-	-	-	-	-	-	-	ND (0.073)	ND (0.074)	-	-	-	-	-	-	-
Aroclor-1242 (PCB-1242)	NA	ND (0.073)	ND (0.08)	-	-	-	-	-	-	-	ND (0.073)	ND (0.074)	-	-	-	-	-	-	-
Aroclor-1248 (PCB-1248)	NA	ND (0.073)	ND (0.08)	-	-	-	-	-	-	-	ND (0.073)	ND (0.074)	-	-	-	-	-	-	-
Aroclor-1254 (PCB-1254)	NA	ND (0.073)	ND (0.08)	-	-	-	-	-	-	-	ND (0.073)	ND (0.074)	-	-	-	-	-	-	-
Aroclor-1260 (PCB-1260)	NA	ND (0.073)	ND (0.08)	-	-	-	-	-	-	-	ND (0.073)	ND (0.074)	-	-	-	-	-	-	-
Aroclor-1262 (PCB-1262)	NA	ND (0.073)	ND (0.08)	-	-	-	-	-	-	-	ND (0.073)	ND (0.074)	-	-	-	-	-	-	-
Aroclor-1268 (PCB-1268)	NA	ND (0.073)	ND (0.08)	-	-	-	-	-	-	-	ND (0.073)	ND (0.074)	-	-	-	-	-	-	-
Total PCBs	1	ND (0.073)	ND (0.08)	-	-	-	-	-	-	-	ND (0.073)	ND (0.074)	-	-	-	-	-	-	-
Inorganic Compounds (mg/kg)																			
Aluminum	NA	8620	8230	-	-	-	-	-	-	-	8150	8920	-	-	-	-	-	-	-
Antimony	NA	0.79 J	0.89 J	-	-	-	-	-	-	-	0.55 J	0.23 J	-	-	-	-	-	-	-
Arsenic	16	7.5	5.9	-	-	-	-	-	-	-	5.8	4.7	-	-	-	-	-	-	-
Barium	400	68.4	66.9	-	-	-	-	-	-	-	64.3	78.3	-	-	-	-	-	-	-
Beryllium	590	0.58	0.81	-	-	-	-	-	-	-	0.88	0.61	-	-	-	-	-	-	-
Cadmium	9.3	0.11 J	0.3 J	-	-	-	-	-	-	-	0.3 J	ND (0.98)	-	-	-	-	-	-	-
Calcium	NA	2170	1730	-	-	-	-	-	-	-	6110	1520	-	-	-	-	-	-	-
Chromium	NA	19.5	25.5	-	-	-	-	-	-	-	23.5	19.6	-	-	-	-	-	-	-
Cobalt	NA	7.4	9.8	-	-	-	-	-	-	-	9.9	8.4	-	-	-	-	-	-	-
Copper	270	37	61.3	-	-	-	-	-	-	-	82.6	23.8	-	-	-	-	-	-	-
Iron	NA	20000	21800	-	-	-	-	-	-	-	21000	20700	-	-	-	-	-	-	-
Lead	1000	52.3	161	-	-	-	-	-	-	-	189	17.7	-	-	-	-	-	-	-
Magnesium	NA	3820	3120	-	-	-	-	-	-	-	4440	3760	-	-	-	-	-	-	-
Manganese	10000	379	277	-	-	-	-	-	-	-	335	497	-	-	-	-	-	-	-
Mercury	2.8	0.024	0.02	-	-	-	-	-	-	-	0.024	0.013 J	-	-	-	-	-	-	-
Nickel	310	17.2	31.7	-	-	-	-	-	-	-	45	17.8	-	-	-	-	-	-	-
Potassium	NA	1250	1220	-	-	-	-	-	-	-	1290	1490	-	-	-	-	-	-	-
Selenium	1500	0.22 J	0.26 J	-	-	-	-	-	-	-	0.23 J	ND (1.2)	-	-	-	-	-	-	-
Silver	1500	0.26 J	0.16 J	-	-	-	-	-	-	-	0.29 J	ND (0.39)	-	-	-	-	-	-	-
Sodium	NA	84.2 J	119	-	-	-	-	-	-	-	120	99.3	-	-	-	-	-	-	-
Thallium	NA	0.12 J	0.11 J	-	-	-	-	-	-	-	0.13 J	0.14 J	-	-	-	-	-	-	-
Vanadium	NA	26.7	24.9	-	-	-	-	-	-	-	24.8	25.9	-	-	-	-	-	-	-
Zinc	10000	56.7	180	-	-	-	-	-	-	-	215	47.9	-	-	-	-	-	-	-

ABBREVIATIONS AND NOTES:

mg/kg: milligram per kilogram

**: LCS or LCSD is outside acceptance limits.*
-: Not Analyzed
B: Compound was found in the blank and the associated sample.
bgs: below ground surface
ft: feet
J: Value is estimated.
NA: Not Applicable
ND (2.5): Not detected, number in parentheses is the laboratory reporting limit

- For test methods used, see the laboratory data sheets.
- Soil analytical results are compared to the New York State Department of Environmental Conservation (NYSDEC) Title 6 of the Official Compilation of New York Codes, Rules, and Regulations (NYCRR) Part 375 Commercial Use Soil Cleanup Objectives (SCO).
- Grey shading indicates an exceedance of the Commercial Use Soil Cleanup Objectives.

TABLE 8
SUMMARY OF SOIL QUALITY DATA - BERM 20
FORMER PORT MOBIL TERMINAL
STATEN ISLAND, NEW YORK
FILE NO. 0208998

	Criteria									
Location Name	NY Part 375	20A	20A	20A	20A	20A	20A	20A	20A	20A
Sample Name	Commercial	20A_0-4	20A_4-8	20A1_3-4	20A1_4-5	20A1_5-6	20A2_1-2	20A2_6-7	20A3_2-3	20A3_7-8
Sample Date	Use	10/13/2025	10/13/2025	10/13/2025	10/13/2025	10/13/2025	10/13/2025	10/13/2025	10/13/2025	10/13/2025
Lab Sample ID	Soil Cleanup	460-337134-1	460-337134-2	460-337134-11	460-337134-5	460-337134-8	460-337134-6	460-337134-9	460-337134-7	460-337134-10
Sample Depth (bgs)	Objectives	0 - 4 (ft)	4 - 8 (ft)	3 - 4 (ft)	4 - 5 (ft)	5 - 6 (ft)	1 - 2 (ft)	6 - 7 (ft)	2 - 3 (ft)	7 - 8 (ft)
Volatile Organic Compounds (mg/kg)										
1,1,1-Trichloroethane	500	-	-	ND (0.0015)	ND (0.0012)	ND (0.0009)	ND (0.0015)	ND (0.00094)	ND (0.0012)	ND (0.00098)
1,1,2,2-Tetrachloroethane	NA	-	-	ND (0.0015)	ND (0.0012)	ND (0.0009)	ND (0.0015)	ND (0.00094)	ND (0.0012)	ND (0.00098)
1,1,2-Trichloroethane	NA	-	-	ND (0.0015) *	ND (0.0012) *	ND (0.0009) *	ND (0.0015) *	ND (0.00094) *	ND (0.0012) *	ND (0.00098) *
1,1-Dichloroethane	240	-	-	ND (0.0015)	ND (0.0012)	ND (0.0009)	ND (0.0015)	ND (0.00094)	ND (0.0012)	ND (0.00098)
1,1-Dichloroethene	500	-	-	ND (0.0015)	ND (0.0012)	ND (0.0009)	ND (0.0015)	ND (0.00094)	ND (0.0012)	ND (0.00098)
1,2,3-Trichlorobenzene	NA	-	-	ND (0.0015)	ND (0.0012)	ND (0.0009)	ND (0.0015)	ND (0.00094)	ND (0.0012)	ND (0.00098)
1,2,4-Trichlorobenzene	NA	-	-	ND (0.0015)	ND (0.0012)	ND (0.0009)	ND (0.0015)	ND (0.00094)	ND (0.0012)	ND (0.00098)
1,2,4-Trimethylbenzene	190	-	-	ND (0.0015)	ND (0.0012)	ND (0.0009)	ND (0.0015)	ND (0.00094)	ND (0.0012)	ND (0.00098)
1,2-Dibromo-3-chloropropane (DBCP)	NA	-	-	ND (0.0015)	ND (0.0012)	ND (0.0009)	ND (0.0015)	ND (0.00094)	ND (0.0012)	ND (0.00098)
1,2-Dibromoethane (Ethylene Dibromide)	NA	-	-	ND (0.0015) *	ND (0.0012) *	ND (0.0009) *	ND (0.0015) *	ND (0.00094) *	ND (0.0012) *	ND (0.00098) *
1,2-Dichlorobenzene	500	-	-	ND (0.0015)	ND (0.0012)	ND (0.0009)	ND (0.0015)	ND (0.00094)	ND (0.0012)	ND (0.00098)
1,2-Dichloroethane	30	-	-	ND (0.0015)	ND (0.0012)	ND (0.0009)	ND (0.0015)	ND (0.00094)	ND (0.0012)	ND (0.00098)
1,2-Dichloropropane	NA	-	-	ND (0.0015)	ND (0.0012)	ND (0.0009)	ND (0.0015)	ND (0.00094)	ND (0.0012)	ND (0.00098)
1,3,5-Trimethylbenzene	190	-	-	ND (0.0015)	ND (0.0012)	ND (0.0009)	ND (0.0015)	ND (0.00094)	ND (0.0012)	ND (0.00098)
1,3-Dichlorobenzene	280	-	-	ND (0.0015)	ND (0.0012)	ND (0.0009)	ND (0.0015)	ND (0.00094)	ND (0.0012)	ND (0.00098)
1,4-Dichlorobenzene	130	-	-	ND (0.0015)	ND (0.0012)	ND (0.0009)	ND (0.0015)	ND (0.00094)	ND (0.0012)	ND (0.00098)
2-Butanone (Methyl Ethyl Ketone)	500	-	-	ND (0.0073)	ND (0.0061)	ND (0.0045)	ND (0.0077)	ND (0.0047)	ND (0.0058)	ND (0.0049)
2-Hexanone (Methyl Butyl Ketone)	NA	-	-	ND (0.0073)	ND (0.0061)	ND (0.0045)	ND (0.0077)	ND (0.0047)	ND (0.0058)	ND (0.0049)
2-Phenylbutane (sec-Butylbenzene)	500	-	-	ND (0.0015)	ND (0.0012)	ND (0.0009)	ND (0.0015)	ND (0.00094)	ND (0.0012)	ND (0.00098)
4-Methyl-2-Pentanone (Methyl Isobutyl Ketone)	NA	-	-	ND (0.0073) *	ND (0.0061) *	ND (0.0045) *	ND (0.0077) *	ND (0.0047) *	ND (0.0058) *	ND (0.0049) *
Acetone	500	-	-	0.028	ND (0.0073)	ND (0.0054)	ND (0.0093)	0.0085	ND (0.0069)	ND (0.0059)
Benzene	44	-	-	ND (0.0015)	ND (0.0012)	ND (0.0009)	ND (0.0015)	ND (0.00094)	ND (0.0012)	ND (0.00098)
Bromodichloromethane	NA	-	-	ND (0.0015)	ND (0.0012)	ND (0.0009)	ND (0.0015)	ND (0.00094)	ND (0.0012)	ND (0.00098)
Bromoform	NA	-	-	ND (0.0015)	ND (0.0012)	ND (0.0009)	ND (0.0015)	ND (0.00094)	ND (0.0012)	ND (0.00098)
Bromomethane (Methyl Bromide)	NA	-	-	ND (0.0029)	ND (0.0024)	ND (0.0018)	ND (0.0031)	ND (0.0019)	ND (0.0023)	ND (0.002)
Carbon disulfide	NA	-	-	ND (0.0015)	ND (0.0012)	ND (0.0009)	ND (0.0015)	ND (0.00094)	ND (0.0012)	ND (0.00098)
Carbon tetrachloride	22	-	-	ND (0.0015)	ND (0.0012)	ND (0.0009)	ND (0.0015)	ND (0.00094)	ND (0.0012)	ND (0.00098)
Chlorobenzene	500	-	-	ND (0.0015)	ND (0.0012)	ND (0.0009)	ND (0.0015)	ND (0.00094)	ND (0.0012)	ND (0.00098)
Chlorobromomethane	NA	-	-	ND (0.0015)	ND (0.0012)	ND (0.0009)	ND (0.0015)	ND (0.00094)	ND (0.0012)	ND (0.00098)
Chloroethane	NA	-	-	ND (0.0015)	ND (0.0012)	ND (0.0009)	ND (0.0015)	ND (0.00094)	ND (0.0012)	ND (0.00098)
Chloroform (Trichloromethane)	350	-	-	ND (0.0015)	ND (0.0012)	ND (0.0009)	ND (0.0015)	ND (0.00094)	ND (0.0012)	ND (0.00098)
Chloromethane (Methyl Chloride)	NA	-	-	ND (0.0015)	ND (0.0012)	ND (0.0009)	ND (0.0015)	ND (0.00094)	ND (0.0012)	ND (0.00098)
cis-1,2-Dichloroethene	500	-	-	ND (0.0015)	ND (0.0012)	ND (0.0009)	ND (0.0015)	ND (0.00094)	ND (0.0012)	ND (0.00098)
cis-1,3-Dichloropropene	NA	-	-	ND (0.0015)	ND (0.0012)	ND (0.0009)	ND (0.0015)	ND (0.00094)	ND (0.0012)	ND (0.00098)
Cyclohexane	NA	-	-	ND (0.0015)	ND (0.0012)	ND (0.0009)	ND (0.0015)	ND (0.00094)	ND (0.0012)	ND (0.00098)
Dibromochloromethane	NA	-	-	ND (0.0015)	ND (0.0012)	ND (0.0009)	ND (0.0015)	ND (0.00094)	ND (0.0012)	ND (0.00098)
Dichlorodifluoromethane (CFC-12)	NA	-	-	ND (0.0015) *	ND (0.0012) *	ND (0.0009) *	ND (0.0015) *	ND (0.00094) *	ND (0.0012) *	ND (0.00098) *
Ethylbenzene	390	-	-	ND (0.0015)	ND (0.0012)	ND (0.0009)	ND (0.0015)	ND (0.00094)	ND (0.0012)	ND (0.00098)
Isopropylbenzene (Cumene)	NA	-	-	ND (0.0015)	ND (0.0012)	ND (0.0009)	ND (0.0015)	ND (0.00094)	ND (0.0012)	ND (0.00098)
m,p-Xylenes	NA	-	-	ND (0.0015)	ND (0.0012)	ND (0.0009)	ND (0.0015)	ND (0.00094)	ND (0.0012)	ND (0.00098)
Methyl acetate	NA	-	-	ND (0.0073)	ND (0.0061)	ND (0.0045)	ND (0.0077)	ND (0.0047)	ND (0.0058)	ND (0.0049)
Methyl Tert Butyl Ether (MTBE)	500	-	-	ND (0.0015)	ND (0.0012)	ND (0.0009)	ND (0.0015)	ND (0.00094)	ND (0.0012)	ND (0.00098)
Methylcyclohexane	NA	-	-	ND (0.0015)	ND (0.0012)	ND (0.0009)	ND (0.0015)	ND (0.00094)	ND (0.0012)	ND (0.00098)
Methylene chloride (Dichloromethane)	500	-	-	ND (0.0029)	0.0027	ND (0.0018)	ND (0.0031)	0.0023	0.0013 J	ND (0.002)
n-Butylbenzene	500	-	-	ND (0.0015)	ND (0.0012)	ND (0.0009)	ND (0.0015)	ND (0.00094)	ND (0.0012)	ND (0.00098)
n-Propylbenzene	500	-	-	ND (0.0015)	ND (0.0012)	ND (0.0009)	ND (0.0015)	ND (0.00094)	ND (0.0012)	ND (0.00098)
o-Xylene	NA	-	-	ND (0.0015)	ND (0.0012)	ND (0.0009)	ND (0.0015)	ND (0.00094)	ND (0.0012)	ND (0.00098)
Styrene	NA	-	-	ND (0.0015)	ND (0.0012)	ND (0.0009)	ND (0.0015)	ND (0.00094)	ND (0.0012)	ND (0.00098)
tert-Butylbenzene	500	-	-	ND (0.0015)	ND (0.0012)	ND (0.0009)	ND (0.0015)	ND (0.00094)	ND (0.0012)	ND (0.00098)
Tetrachloroethene	150	-	-	ND (0.0015)	ND (0.0012)	ND (0.0009)	ND (0.0015)	ND (0.00094)	ND (0.0012)	ND (0.00098)
Toluene	500	-	-	0.00073 J	ND (0.0012)	ND (0.0009)	ND (0.0015)	ND (0.00094)	ND (0.0012)	ND (0.00098)
trans-1,2-Dichloroethene	500	-	-	ND (0.0015)	ND (0.0012)	ND (0.0009)	ND (0.0015)	ND (0.00094)	ND (0.0012)	ND (0.00098)
trans-1,3-Dichloropropene	NA	-	-	ND (0.0015)	ND (0.0012)	ND (0.0009)	ND (0.0015)	ND (0.00094)	ND (0.0012)	ND (0.00098)
Trichloroethene	200	-	-	ND (0.0015)	ND (0.0012)	ND (0.0009)	ND (0.0015)	ND (0.00094)	ND (0.0012)	ND (0.00098)
Trichlorofluoromethane (CFC-11)	NA	-	-	ND (0.0015)	ND (0.0012)	ND (0.0009)	ND (0.0015)	ND (0.00094)	ND (0.0012)	ND (0.00098)
Trifluorotrichloroethane (Freon 113)	NA	-	-	ND (0.0015)	ND (0.0012)	ND (0.0009)	ND (0.0015)	ND (0.00094)	ND (0.0012)	ND (0.00098)
Vinyl chloride	13	-	-	ND (0.0015)	ND (0.0012)	ND (0.0009)	ND (0.0015)	ND (0.00094)	ND (0.0012)	ND (0.00098)
Xylene (Total)	500	-	-	ND (0.0029)	ND (0.0024)	ND (0.0018)	ND (0.0031)	0.00032 J	ND (0.0023)	ND (0.002)

TABLE 8
SUMMARY OF SOIL QUALITY DATA - BERM 20
FORMER PORT MOBIL TERMINAL
STATEN ISLAND, NEW YORK
FILE NO. 0208998

	Criteria									
Location Name	NY Part 375	20A	20A	20A	20A	20A	20A	20A	20A	20A
Sample Name	Commercial	20A_0-4	20A_4-8	20A1_3-4	20A1_4-5	20A1_5-6	20A2_1-2	20A2_6-7	20A3_2-3	20A3_7-8
Sample Date	Use	10/13/2025	10/13/2025	10/13/2025	10/13/2025	10/13/2025	10/13/2025	10/13/2025	10/13/2025	10/13/2025
Lab Sample ID	Soil Cleanup	460-337134-1	460-337134-2	460-337134-11	460-337134-5	460-337134-8	460-337134-6	460-337134-9	460-337134-7	460-337134-10
Sample Depth (bgs)	Objectives	0 - 4 (ft)	4 - 8 (ft)	3 - 4 (ft)	4 - 5 (ft)	5 - 6 (ft)	1 - 2 (ft)	6 - 7 (ft)	2 - 3 (ft)	7 - 8 (ft)
Semi-Volatile Organic Compounds (mg/kg)										
1,2,4,5-Tetrachlorobenzene	NA	ND (0.36)	ND (0.39)	-	-	-	-	-	-	-
1,4-Dioxane	130	ND (0.036)	ND (0.039)	-	-	-	-	-	-	-
2,2'-oxybis(1-Chloropropane)	NA	ND (0.36)	ND (0.39)	-	-	-	-	-	-	-
2,3,4,6-Tetrachlorophenol	NA	ND (0.36)	ND (0.39)	-	-	-	-	-	-	-
2,4,5-Trichlorophenol	NA	ND (0.36)	ND (0.39)	-	-	-	-	-	-	-
2,4,6-Trichlorophenol	NA	ND (0.15)	ND (0.16)	-	-	-	-	-	-	-
2,4-Dichlorophenol	NA	ND (0.15)	ND (0.16)	-	-	-	-	-	-	-
2,4-Dimethylphenol	NA	ND (0.36)	ND (0.39)	-	-	-	-	-	-	-
2,4-Dinitrophenol	NA	ND (0.29)	ND (0.32)	-	-	-	-	-	-	-
2,4-Dinitrotoluene	NA	ND (0.074)	ND (0.08)	-	-	-	-	-	-	-
2,6-Dinitrotoluene	NA	ND (0.074)	ND (0.08)	-	-	-	-	-	-	-
2-Chloronaphthalene	NA	ND (0.36)	ND (0.39)	-	-	-	-	-	-	-
2-Chlorophenol	NA	ND (0.36)	ND (0.39)	-	-	-	-	-	-	-
2-Methylnaphthalene	NA	0.28 J	0.017 J	-	-	-	-	-	-	-
2-Methylphenol (o-Cresol)	500	ND (0.36)	ND (0.39)	-	-	-	-	-	-	-
2-Nitroaniline	NA	ND (0.36)	ND (0.39)	-	-	-	-	-	-	-
2-Nitrophenol	NA	ND (0.36)	ND (0.39)	-	-	-	-	-	-	-
3&4-Methylphenol	NA	ND (0.36)	ND (0.39)	-	-	-	-	-	-	-
3,3'-Dichlorobenzidine	NA	ND (0.15)	ND (0.16)	-	-	-	-	-	-	-
3-Nitroaniline	NA	ND (0.36)	ND (0.39)	-	-	-	-	-	-	-
4,6-Dinitro-2-methylphenol	NA	ND (0.29)	ND (0.32)	-	-	-	-	-	-	-
4-Bromophenyl phenyl ether (BDE-3)	NA	ND (0.36)	ND (0.39)	-	-	-	-	-	-	-
4-Chloro-3-methylphenol	NA	ND (0.36)	ND (0.39)	-	-	-	-	-	-	-
4-Chloroaniline	NA	ND (0.36)	ND (0.39)	-	-	-	-	-	-	-
4-Chlorophenyl phenyl ether	NA	ND (0.36)	ND (0.39)	-	-	-	-	-	-	-
4-Methylphenol	500	ND (0.36)	ND (0.39)	-	-	-	-	-	-	-
4-Nitroaniline	NA	ND (0.36)	ND (0.39)	-	-	-	-	-	-	-
4-Nitrophenol	NA	ND (0.74)	ND (0.8)	-	-	-	-	-	-	-
Acenaphthene	500	0.076 J	0.041 J	-	-	-	-	-	-	-
Acenaphthylene	500	0.031 J	0.066 J	-	-	-	-	-	-	-
Acetophenone	NA	ND (0.36)	ND (0.39)	-	-	-	-	-	-	-
Anthracene	500	0.074 J	0.13 J	-	-	-	-	-	-	-
Atrazine	NA	ND (0.15)	ND (0.16)	-	-	-	-	-	-	-
Benzaldehyde	NA	ND (0.36)	ND (0.39)	-	-	-	-	-	-	-
Benzo(a)anthracene	5.6	0.22	0.21	-	-	-	-	-	-	-
Benzo(a)pyrene	1	0.21	0.23	-	-	-	-	-	-	-
Benzo(b)fluoranthene	5.6	0.28	0.31	-	-	-	-	-	-	-
Benzo(g,h,i)perylene	500	0.1 J	0.13 J	-	-	-	-	-	-	-
Benzo(k)fluoranthene	56	0.092	0.11	-	-	-	-	-	-	-
Biphenyl	NA	ND (0.36)	ND (0.39)	-	-	-	-	-	-	-
bis(2-Chloroethoxy)methane	NA	ND (0.36)	ND (0.39)	-	-	-	-	-	-	-
bis(2-Chloroethyl)ether	NA	ND (0.036)	ND (0.039)	-	-	-	-	-	-	-
bis(2-Ethylhexyl)phthalate	NA	0.044 J	0.026 J	-	-	-	-	-	-	-
Butyl benzylphthalate (BBP)	NA	ND (0.36)	0.051 J	-	-	-	-	-	-	-
Caprolactam	NA	ND (0.36)	ND (0.39)	-	-	-	-	-	-	-
Carbazole	NA	0.018 J	0.038 J	-	-	-	-	-	-	-
Chrysene	56	0.27 J	0.25 J	-	-	-	-	-	-	-
Dibenz(a,h)anthracene	0.56	0.03 J	0.032 J	-	-	-	-	-	-	-
Dibenzofuran	350	ND (0.36)	0.016 J	-	-	-	-	-	-	-
Diethyl phthalate	NA	ND (0.36)	ND (0.39)	-	-	-	-	-	-	-
Dimethyl phthalate	NA	ND (0.36)	ND (0.39)	-	-	-	-	-	-	-
Di-n-butylphthalate (DBP)	NA	ND (0.36)	ND (0.39)	-	-	-	-	-	-	-
Di-n-octyl phthalate (DnOP)	NA	ND (0.36)	ND (0.39)	-	-	-	-	-	-	-
Fluoranthene	500	0.45	0.46	-	-	-	-	-	-	-
Fluorene	500	0.082 J	0.029 J	-	-	-	-	-	-	-
Hexachlorobenzene	6	ND (0.036)	ND (0.039)	-	-	-	-	-	-	-
Hexachlorobutadiene	NA	ND (0.074)	ND (0.08)	-	-	-	-	-	-	-
Hexachlorocyclopentadiene	NA	ND (0.36)	ND (0.39)	-	-	-	-	-	-	-
Hexachloroethane	NA	ND (0.036)	ND (0.039)	-	-	-	-	-	-	-
Indeno(1,2,3-cd)pyrene	5.6	0.1	0.12	-	-	-	-	-	-	-
Isophorone	NA	ND (0.15)	ND (0.16)	-	-	-	-	-	-	-
Naphthalene	500	0.021 J	0.028 J	-	-	-	-	-	-	-
Nitrobenzene	NA	ND (0.036)	ND (0.039)	-	-	-	-	-	-	-
N-Nitrosodi-n-propylamine	NA	ND (0.036)	ND (0.039)	-	-	-	-	-	-	-
N-Nitrosodiphenylamine	NA	ND (0.36)	ND (0.39)	-	-	-	-	-	-	-
Pentachlorophenol	6.7	ND (0.29)	ND (0.32)	-	-	-	-	-	-	-
Phenanthrene	500	0.39	0.23 J	-	-	-	-	-	-	-
Phenol	500	ND (0.36)	ND (0.39)	-	-	-	-	-	-	-
Pyrene	500	0.45	0.44	-	-	-	-	-	-	-

TABLE 8
SUMMARY OF SOIL QUALITY DATA - BERM 20
FORMER PORT MOBIL TERMINAL
STATEN ISLAND, NEW YORK
FILE NO. 0208998

	Criteria									
Location Name	NY Part 375	20A	20A	20A	20A	20A	20A	20A	20A	20A
Sample Name	Commercial	20A_0-4	20A_4-8	20A1_3-4	20A1_4-5	20A1_5-6	20A2_1-2	20A2_6-7	20A3_2-3	20A3_7-8
Sample Date	Use	10/13/2025	10/13/2025	10/13/2025	10/13/2025	10/13/2025	10/13/2025	10/13/2025	10/13/2025	10/13/2025
Lab Sample ID	Soil Cleanup	460-337134-1	460-337134-2	460-337134-11	460-337134-5	460-337134-8	460-337134-6	460-337134-9	460-337134-7	460-337134-10
Sample Depth (bgs)	Objectives	0 - 4 (ft)	4 - 8 (ft)	3 - 4 (ft)	4 - 5 (ft)	5 - 6 (ft)	1 - 2 (ft)	6 - 7 (ft)	2 - 3 (ft)	7 - 8 (ft)
PFAS (mg/kg)										
11-Chloroeicosafluoro-3-Oxaundecane-1-Sulfonic Acid (11Cl-PF3OUdS)	NA	ND (0.00019)	ND (0.00019)	-	-	-	-	-	-	-
2H,2H,3H,3H-Perfluorooctanoic acid (5:3 FTCA)	NA	ND (0.00096)	ND (0.00096)	-	-	-	-	-	-	-
3-(Perfluoroheptyl)propanoic acid (7:3 FTCA)	NA	ND (0.00096)	ND (0.00096)	-	-	-	-	-	-	-
3:3 Fluorotelomer carboxylic acid (3:3 FTCA)	NA	ND (0.00038)	ND (0.00038)	-	-	-	-	-	-	-
4,8-Dioxa-3H-Perfluorononanoic Acid (ADONA)	NA	ND (0.00019)	ND (0.00019)	-	-	-	-	-	-	-
4:2 Fluorotelomer sulfonic acid (4:2 FTS)	NA	ND (0.00038)	ND (0.00038)	-	-	-	-	-	-	-
6:2 Fluorotelomer sulfonic acid (6:2 FTS)	NA	ND (0.00038)	ND (0.00038)	-	-	-	-	-	-	-
8:2 Fluorotelomer sulfonic acid (8:2 FTS)	NA	ND (0.00038)	ND (0.00038)	-	-	-	-	-	-	-
9-Chlorohexadecafluoro-3-Oxanone-1-Sulfonic Acid (9Cl-PF3ONS)	NA	ND (0.00019)	ND (0.00019)	-	-	-	-	-	-	-
N-Ethyl Perfluorooctanesulfonamidoacetic Acid (NEtFOSAA)	NA	ND (0.00019)	ND (0.00019)	-	-	-	-	-	-	-
N-Ethylperfluorooctane sulfonamide (N-EtFOSA)	NA	ND (0.00019)	ND (0.00019)	-	-	-	-	-	-	-
N-Ethylperfluorooctane sulfonamidoethanol (N-EtFOSE)	NA	ND (0.00096)	ND (0.00096)	-	-	-	-	-	-	-
N-Methyl Perfluorooctanesulfonamidoacetic Acid (NMeFOSAA)	NA	ND (0.00019)	ND (0.00019)	-	-	-	-	-	-	-
N-Methylperfluorooctane sulfonamide (N-MeFOSA)	NA	ND (0.00019)	ND (0.00019)	-	-	-	-	-	-	-
N-Methylperfluorooctane sulfonamidoethanol (N-MeFOSE)	NA	ND (0.00096)	ND (0.00096)	-	-	-	-	-	-	-
Nonafluoro-3,6-dioxaheptanoic acid (NFDHA)	NA	ND (0.00019)	ND (0.00019)	-	-	-	-	-	-	-
Perfluoro(2-ethoxyethane) sulphonic acid (PFEESA)	NA	ND (0.00019)	ND (0.00019)	-	-	-	-	-	-	-
Perfluoro(4-methoxybutanoic) acid (PFMBA)	NA	ND (0.00019)	ND (0.00019)	-	-	-	-	-	-	-
Perfluoro-2-propoxypropanoic acid (PFPrOPrA)(GenX) (HFPO-DA)	NA	ND (0.00019)	ND (0.00019)	-	-	-	-	-	-	-
Perfluoro-3-methoxypropanoic acid (PFMPA)	NA	ND (0.00019)	ND (0.00019)	-	-	-	-	-	-	-
Perfluorobutanesulfonic acid (PFBS)	NA	ND (0.00019)	ND (0.00019)	-	-	-	-	-	-	-
Perfluorobutanoic acid (PFBA)	NA	ND (0.00038)	ND (0.00038)	-	-	-	-	-	-	-
Perfluorodecanesulfonic acid (PFDS)	NA	ND (0.00019)	ND (0.00019)	-	-	-	-	-	-	-
Perfluorodecanoic acid (PFDA)	NA	ND (0.00019)	ND (0.00019)	-	-	-	-	-	-	-
Perfluorododecane sulfonic acid (PFDoDS)	NA	ND (0.00019)	ND (0.00019)	-	-	-	-	-	-	-
Perfluorododecanoic acid (PFDoDA)	NA	ND (0.00019)	ND (0.00019)	-	-	-	-	-	-	-
Perfluoroheptanesulfonic acid (PFHpS)	NA	ND (0.00019)	ND (0.00019)	-	-	-	-	-	-	-
Perfluoroheptanoic acid (PFHpA)	NA	ND (0.00019)	ND (0.00019)	-	-	-	-	-	-	-
Perfluorohexanesulfonic acid (PFHxS)	NA	ND (0.00019)	ND (0.00019)	-	-	-	-	-	-	-
Perfluorohexanoic acid (PFHxA)	NA	ND (0.00019)	ND (0.00019)	-	-	-	-	-	-	-
Perfluorononane sulfonic acid (PFNS)	NA	ND (0.00019)	ND (0.00019)	-	-	-	-	-	-	-
Perfluorononanoic acid (PFNA)	NA	ND (0.00019)	ND (0.00019)	-	-	-	-	-	-	-
Perfluorooctane sulfonamide (PFOSA)	NA	ND (0.00019)	ND (0.00019)	-	-	-	-	-	-	-
Perfluorooctanesulfonic acid (PFOS)	0.44	0.00013 J	0.00011 J	-	-	-	-	-	-	-
Perfluorooctanoic acid (PFOA)	0.5	ND (0.00019)	ND (0.00019)	-	-	-	-	-	-	-
Perfluoropentanesulfonic acid (PFPeS)	NA	ND (0.00019)	ND (0.00019)	-	-	-	-	-	-	-
Perfluoropentanoic acid (PFPeA)	NA	ND (0.00019)	ND (0.00019)	-	-	-	-	-	-	-
Perfluorotetradecanoic acid (PFTeDA)	NA	ND (0.00019)	ND (0.00019)	-	-	-	-	-	-	-
Perfluorotridecanoic acid (PFTrDA)	NA	ND (0.00019)	ND (0.00019)	-	-	-	-	-	-	-
Perfluoroundecanoic acid (PFUnDA)	NA	ND (0.00019)	ND (0.00019)	-	-	-	-	-	-	-
Pesticides (mg/kg)										
4,4'-DDD	92	ND (0.0074)	ND (0.008)	-	-	-	-	-	-	-
4,4'-DDE	62	ND (0.0074)	ND (0.008)	-	-	-	-	-	-	-
4,4'-DDT	47	ND (0.0074)	ND (0.008)	-	-	-	-	-	-	-
Aldrin	0.68	ND (0.0074)	ND (0.008)	-	-	-	-	-	-	-
alpha-BHC	3.4	ND (0.0022)	ND (0.0024)	-	-	-	-	-	-	-
alpha-Chlordane (cis)	24	ND (0.0074)	0.016 p	-	-	-	-	-	-	-
beta-BHC	3	ND (0.0022)	ND (0.0024)	-	-	-	-	-	-	-
Chlordane	NA	ND (0.074)	0.18	-	-	-	-	-	-	-
delta-BHC	500	ND (0.0022)	ND (0.0024)	-	-	-	-	-	-	-
Dieldrin	1.4	ND (0.0022)	0.014	-	-	-	-	-	-	-
Endosulfan I	200	ND (0.0074)	ND (0.008)	-	-	-	-	-	-	-
Endosulfan II	200	ND (0.0074)	ND (0.008)	-	-	-	-	-	-	-
Endosulfan sulfate	200	ND (0.0074)	ND (0.008)	-	-	-	-	-	-	-
Endrin	89	ND (0.0074)	ND (0.008)	-	-	-	-	-	-	-
Endrin aldehyde	NA	ND (0.0074)	ND (0.008)	-	-	-	-	-	-	-
Endrin ketone	NA	ND (0.0074)	ND (0.008)	-	-	-	-	-	-	-
gamma-BHC (Lindane)	9.2	ND (0.0022)	ND (0.0024)	-	-	-	-	-	-	-
Heptachlor	15	ND (0.0074)	ND (0.008)	-	-	-	-	-	-	-
Heptachlor epoxide	NA	ND (0.0074)	ND (0.008)	-	-	-	-	-	-	-
Methoxychlor	NA	ND (0.0074)	ND (0.008)	-	-	-	-	-	-	-
Toxaphene	NA	ND (0.074)	ND (0.08)	-	-	-	-	-	-	-

TABLE 8
SUMMARY OF SOIL QUALITY DATA - BERM 20
FORMER PORT MOBIL TERMINAL
STATEN ISLAND, NEW YORK
FILE NO. 0208998

	Criteria									
Location Name	NY Part 375	20A	20A	20A	20A	20A	20A	20A	20A	20A
Sample Name	Commercial	20A_0-4	20A_4-8	20A1_3-4	20A1_4-5	20A1_5-6	20A2_1-2	20A2_6-7	20A3_2-3	20A3_7-8
Sample Date	Use	10/13/2025	10/13/2025	10/13/2025	10/13/2025	10/13/2025	10/13/2025	10/13/2025	10/13/2025	10/13/2025
Lab Sample ID	Soil Cleanup	460-337134-1	460-337134-2	460-337134-11	460-337134-5	460-337134-8	460-337134-6	460-337134-9	460-337134-7	460-337134-10
Sample Depth (bgs)	Objectives	0 - 4 (ft)	4 - 8 (ft)	3 - 4 (ft)	4 - 5 (ft)	5 - 6 (ft)	1 - 2 (ft)	6 - 7 (ft)	2 - 3 (ft)	7 - 8 (ft)
Polychlorinated Biphenyls (mg/kg)										
Aroclor-1016 (PCB-1016)	NA	ND (0.074)	ND (0.08)	-	-	-	-	-	-	-
Aroclor-1221 (PCB-1221)	NA	ND (0.074)	ND (0.08)	-	-	-	-	-	-	-
Aroclor-1232 (PCB-1232)	NA	ND (0.074)	ND (0.08)	-	-	-	-	-	-	-
Aroclor-1242 (PCB-1242)	NA	ND (0.074)	ND (0.08)	-	-	-	-	-	-	-
Aroclor-1248 (PCB-1248)	NA	ND (0.074)	ND (0.08)	-	-	-	-	-	-	-
Aroclor-1254 (PCB-1254)	NA	ND (0.074)	ND (0.08)	-	-	-	-	-	-	-
Aroclor-1260 (PCB-1260)	NA	ND (0.074)	ND (0.08)	-	-	-	-	-	-	-
Aroclor-1262 (PCB-1262)	NA	ND (0.074)	ND (0.08)	-	-	-	-	-	-	-
Aroclor-1268 (PCB-1268)	NA	ND (0.074)	ND (0.08)	-	-	-	-	-	-	-
Total PCBs	1	ND (0.074)	ND (0.08)	-	-	-	-	-	-	-
Inorganic Compounds (mg/kg)										
Aluminum	NA	5230	6270	-	-	-	-	-	-	-
Antimony	NA	0.38 J	0.71 J	-	-	-	-	-	-	-
Arsenic	16	3.4	4.3	-	-	-	-	-	-	-
Barium	400	41.3	40	-	-	-	-	-	-	-
Beryllium	590	0.24 J	0.39	-	-	-	-	-	-	-
Cadmium	9.3	0.16 J	0.12 J	-	-	-	-	-	-	-
Calcium	NA	39100	10900	-	-	-	-	-	-	-
Chromium	NA	12.9	12.7	-	-	-	-	-	-	-
Cobalt	NA	3.3	4.9	-	-	-	-	-	-	-
Copper	270	19.8	20.6	-	-	-	-	-	-	-
Iron	NA	8930	13700	-	-	-	-	-	-	-
Lead	1000	42.7	31	-	-	-	-	-	-	-
Magnesium	NA	10800	2530	-	-	-	-	-	-	-
Manganese	10000	194	149	-	-	-	-	-	-	-
Mercury	2.8	0.069	0.052	-	-	-	-	-	-	-
Nickel	310	10	10.1	-	-	-	-	-	-	-
Potassium	NA	505	759	-	-	-	-	-	-	-
Selenium	1500	0.15 J	0.17 J	-	-	-	-	-	-	-
Silver	1500	0.08 J	0.086 J	-	-	-	-	-	-	-
Sodium	NA	147	72.7 J	-	-	-	-	-	-	-
Thallium	NA	0.048 J	0.08 J	-	-	-	-	-	-	-
Vanadium	NA	15.8	19.4	-	-	-	-	-	-	-
Zinc	10000	49.1	43.7	-	-	-	-	-	-	-

ABBREVIATIONS AND NOTES:

mg/kg: milligram per kilogram

**: LCS or LCSD is outside acceptance limits.*
-: Not Analyzed
B: Compound was found in the blank and the associated sample.
bgs: below ground surface
ft: feet
J: Value is estimated.
NA: Not Applicable
ND (2.5): Not detected, number in parentheses is the laboratory reporting limit

- For test methods used, see the laboratory data sheets.
- Soil analytical results are compared to the New York State Department of Environmental Conservation (NYSDEC) Title 6 of the Official Compilation of New York Codes, Rules, and Regulations (NYCRR) Part 375 Commercial Use Soil Cleanup Objectives (SCO).
- Grey shading indicates an exceedance of the Commercial Use Soil Cleanup Objectives.

TABLE 9
SUMMARY OF SOIL QUALITY DATA - BERM 41
FORMER PORT MOBIL TERMINAL
STATEN ISLAND, NEW YORK
FILE NO. 0208998

	Criteria									
Location Name	NY Part 375	41A	41A	41A1	41A2	41A3	41A4	41A5	41A6	41A7
Sample Name	Commercial	41A_0-3	41A_3-6	41A1_5-6	41A2_1-2	41A3_2-3	41A4_3-4	41A5_4-5	41A6_5-6	41A7_2-3
Sample Date	Use	10/13/2025	10/13/2025	10/13/2025	10/13/2025	10/13/2025	10/13/2025	10/13/2025	10/13/2025	10/13/2025
Lab Sample ID	Soil Cleanup	460-337134-3	460-337134-4	460-337134-12	460-337134-13	460-337134-14	460-337134-15	460-337134-16	460-337134-17	460-337134-18
Sample Depth (bgs)	Objectives	0 - 3 (ft)	3 - 6 (ft)	5 - 6 (ft)	1 - 2 (ft)	2 - 3 (ft)	3 - 4 (ft)	4 - 5 (ft)	5 - 6 (ft)	2 - 3 (ft)
Volatile Organic Compounds (mg/kg)										
1,1,1-Trichloroethane	500	-	-	ND (0.00088)	ND (0.00098)	ND (0.001)	ND (0.00082)	ND (0.00091)	ND (0.00098)	ND (0.00075)
1,1,2,2-Tetrachloroethane	NA	-	-	ND (0.00088)	ND (0.00098)	ND (0.001)	ND (0.00082)	ND (0.00091)	ND (0.00098)	ND (0.00075)
1,1,2-Trichloroethane	NA	-	-	ND (0.00088) *	ND (0.00098) *	ND (0.001) *	ND (0.00082) *	ND (0.00091) *	ND (0.00098) *	ND (0.00075) *
1,1-Dichloroethane	240	-	-	ND (0.00088)	ND (0.00098)	ND (0.001)	ND (0.00082)	ND (0.00091)	ND (0.00098)	ND (0.00075)
1,1-Dichloroethene	500	-	-	ND (0.00088)	ND (0.00098)	ND (0.001)	ND (0.00082)	ND (0.00091)	ND (0.00098)	ND (0.00075)
1,2,3-Trichlorobenzene	NA	-	-	ND (0.00088)	ND (0.00098)	ND (0.001)	ND (0.00082)	ND (0.00091)	ND (0.00098)	ND (0.00075)
1,2,4-Trichlorobenzene	NA	-	-	ND (0.00088)	ND (0.00098)	ND (0.001)	ND (0.00082)	ND (0.00091)	ND (0.00098)	ND (0.00075)
1,2,4-Trimethylbenzene	190	-	-	ND (0.00088)	ND (0.00098)	ND (0.001)	ND (0.00082)	ND (0.00091)	ND (0.00098)	0.00065 J
1,2-Dibromo-3-chloropropane (DBCP)	NA	-	-	ND (0.00088)	ND (0.00098)	ND (0.001)	ND (0.00082)	ND (0.00091)	ND (0.00098)	ND (0.00075)
1,2-Dibromoethane (Ethylene Dibromide)	NA	-	-	ND (0.00088) *	ND (0.00098) *	ND (0.001) *	ND (0.00082) *	ND (0.00091) *	ND (0.00098) *	ND (0.00075) *
1,2-Dichlorobenzene	500	-	-	ND (0.00088)	ND (0.00098)	ND (0.001)	ND (0.00082)	ND (0.00091)	ND (0.00098)	ND (0.00075)
1,2-Dichloroethane	30	-	-	ND (0.00088)	ND (0.00098)	ND (0.001)	ND (0.00082)	ND (0.00091)	ND (0.00098)	ND (0.00075)
1,2-Dichloropropane	NA	-	-	ND (0.00088)	ND (0.00098)	ND (0.001)	ND (0.00082)	ND (0.00091)	ND (0.00098)	ND (0.00075)
1,3,5-Trimethylbenzene	190	-	-	ND (0.00088)	ND (0.00098)	ND (0.001)	ND (0.00082)	ND (0.00091)	ND (0.00098)	ND (0.00075)
1,3-Dichlorobenzene	280	-	-	ND (0.00088)	ND (0.00098)	ND (0.001)	ND (0.00082)	ND (0.00091)	ND (0.00098)	ND (0.00075)
1,4-Dichlorobenzene	130	-	-	ND (0.00088)	ND (0.00098)	ND (0.001)	ND (0.00082)	ND (0.00091)	ND (0.00098)	ND (0.00075)
2-Butanone (Methyl Ethyl Ketone)	500	-	-	ND (0.0044)	ND (0.0049)	ND (0.0051)	ND (0.0041)	ND (0.0045)	ND (0.0049)	ND (0.0038)
2-Hexanone (Methyl Butyl Ketone)	NA	-	-	ND (0.0044)	ND (0.0049)	ND (0.0051)	ND (0.0041)	ND (0.0045)	ND (0.0049)	ND (0.0038)
2-Phenylbutane (sec-Butylbenzene)	500	-	-	ND (0.00088)	ND (0.00098)	ND (0.001)	ND (0.00082)	ND (0.00091)	ND (0.00098)	ND (0.00075)
4-Methyl-2-Pentanone (Methyl Isobutyl Ketone)	NA	-	-	ND (0.0044) *	ND (0.0049)	ND (0.0051) *	ND (0.0041) *	ND (0.0045) *	ND (0.0049) *	ND (0.0038) *
Acetone	500	-	-	ND (0.0053)	ND (0.0059)	ND (0.0062)	ND (0.0049)	ND (0.0054)	0.012	ND (0.0045)
Benzene	44	-	-	ND (0.00088)	ND (0.00098)	ND (0.001)	ND (0.00082)	ND (0.00091)	ND (0.00098)	ND (0.00075)
Bromodichloromethane	NA	-	-	ND (0.00088)	ND (0.00098)	ND (0.001)	ND (0.00082)	ND (0.00091)	ND (0.00098)	ND (0.00075)
Bromoform	NA	-	-	ND (0.00088)	ND (0.00098)	ND (0.001)	ND (0.00082)	ND (0.00091)	ND (0.00098)	ND (0.00075)
Bromomethane (Methyl Bromide)	NA	-	-	ND (0.0018)	ND (0.002)	ND (0.0021)	ND (0.0016)	ND (0.0018)	ND (0.002)	ND (0.0015)
Carbon disulfide	NA	-	-	ND (0.00088)	ND (0.00098)	ND (0.001)	ND (0.00082)	ND (0.00091)	ND (0.00098)	ND (0.00075)
Carbon tetrachloride	22	-	-	ND (0.00088)	ND (0.00098)	ND (0.001)	ND (0.00082)	ND (0.00091)	ND (0.00098)	ND (0.00075)
Chlorobenzene	500	-	-	ND (0.00088)	ND (0.00098)	ND (0.001)	ND (0.00082)	ND (0.00091)	ND (0.00098)	ND (0.00075)
Chlorobromomethane	NA	-	-	ND (0.00088)	ND (0.00098)	ND (0.001)	ND (0.00082)	ND (0.00091)	ND (0.00098)	ND (0.00075)
Chloroethane	NA	-	-	ND (0.00088)	ND (0.00098)	ND (0.001)	ND (0.00082)	ND (0.00091)	ND (0.00098)	ND (0.00075)
Chloroform (Trichloromethane)	350	-	-	ND (0.00088)	ND (0.00098)	ND (0.001)	ND (0.00082)	ND (0.00091)	ND (0.00098)	ND (0.00075)
Chloromethane (Methyl Chloride)	NA	-	-	ND (0.00088)	ND (0.00098)	ND (0.001)	ND (0.00082)	ND (0.00091)	ND (0.00098)	ND (0.00075)
cis-1,2-Dichloroethene	500	-	-	ND (0.00088)	ND (0.00098)	ND (0.001)	ND (0.00082)	ND (0.00091)	ND (0.00098)	ND (0.00075)
cis-1,3-Dichloropropene	NA	-	-	ND (0.00088)	ND (0.00098)	ND (0.001)	ND (0.00082)	ND (0.00091)	ND (0.00098)	ND (0.00075)
Cyclohexane	NA	-	-	ND (0.00088)	ND (0.00098)	ND (0.001)	ND (0.00082)	ND (0.00091)	ND (0.00098)	ND (0.00075)
Dibromochloromethane	NA	-	-	ND (0.00088)	ND (0.00098)	ND (0.001)	ND (0.00082)	ND (0.00091)	ND (0.00098)	ND (0.00075)
Dichlorodifluoromethane (CFC-12)	NA	-	-	ND (0.00088) *	ND (0.00098)	ND (0.001) *	ND (0.00082) *	ND (0.00091) *	ND (0.00098) *	ND (0.00075) *
Ethylbenzene	390	-	-	ND (0.00088)	ND (0.00098)	ND (0.001)	ND (0.00082)	ND (0.00091)	ND (0.00098)	ND (0.00075)
Isopropylbenzene (Cumene)	NA	-	-	ND (0.00088)	ND (0.00098)	ND (0.001)	ND (0.00082)	ND (0.00091)	ND (0.00098)	ND (0.00075)
m,p-Xylenes	NA	-	-	ND (0.00088)	0.00051 J	ND (0.001)	ND (0.00082)	ND (0.00091)	ND (0.00098)	0.00046 J
Methyl acetate	NA	-	-	ND (0.0044)	ND (0.0049)	ND (0.0051)	ND (0.0041)	ND (0.0045)	ND (0.0049)	ND (0.0038)
Methyl Tert Butyl Ether (MTBE)	500	-	-	ND (0.00088)	ND (0.00098)	ND (0.001)	ND (0.00082)	ND (0.00091)	ND (0.00098)	ND (0.00075)
Methylcyclohexane	NA	-	-	ND (0.00088)	ND (0.00098)	ND (0.001)	ND (0.00082)	ND (0.00091)	ND (0.00098)	ND (0.00075)
Methylene chloride (Dichloromethane)	500	-	-	ND (0.0018)	0.0018 J	ND (0.0021)	ND (0.0016)	ND (0.0018)	ND (0.002)	ND (0.0015)
n-Butylbenzene	500	-	-	ND (0.00088)	ND (0.00098)	ND (0.001)	ND (0.00082)	ND (0.00091)	ND (0.00098)	ND (0.00075)
n-Propylbenzene	500	-	-	ND (0.00088)	ND (0.00098)	ND (0.001)	ND (0.00082)	ND (0.00091)	ND (0.00098)	ND (0.00075)
o-Xylene	NA	-	-	ND (0.00088)	ND (0.00098)	ND (0.001)	ND (0.00082)	ND (0.00091)	ND (0.00098)	ND (0.00075)
Styrene	NA	-	-	ND (0.00088)	ND (0.00098)	ND (0.001)	ND (0.00082)	ND (0.00091)	ND (0.00098)	ND (0.00075)
tert-Butylbenzene	500	-	-	ND (0.00088)	ND (0.00098)	ND (0.001)	ND (0.00082)	ND (0.00091)	ND (0.00098)	ND (0.00075)
Tetrachloroethene	150	-	-	ND (0.00088)	ND (0.00098)	ND (0.001)	ND (0.00082)	ND (0.00091)	ND (0.00098)	ND (0.00075)
Toluene	500	-	-	ND (0.00088)	ND (0.00098)	0.0005 J	0.00036 J	ND (0.00091)	ND (0.00098)	ND (0.00075)
trans-1,2-Dichloroethene	500	-	-	ND (0.00088)	ND (0.00098)	ND (0.001)	ND (0.00082)	ND (0.00091)	ND (0.00098)	ND (0.00075)
trans-1,3-Dichloropropene	NA	-	-	ND (0.00088)	ND (0.00098)	ND (0.001)	ND (0.00082)	ND (0.00091)	ND (0.00098)	ND (0.00075)
Trichloroethene	200	-	-	ND (0.00088)	ND (0.00098)	ND (0.001)	ND (0.00082)	ND (0.00091)	ND (0.00098)	ND (0.00075)
Trichlorofluoromethane (CFC-11)	NA	-	-	ND (0.00088)	ND (0.00098)	ND (0.001)	ND (0.00082)	ND (0.00091)	ND (0.00098)	ND (0.00075)
Trifluorotrichloroethane (Freon 113)	NA	-	-	ND (0.00088)	ND (0.00098)	ND (0.001)	ND (0.00082)	ND (0.00091)	ND (0.00098)	ND (0.00075)
Vinyl chloride	13	-	-	ND (0.00088)	ND (0.00098)	ND (0.001)	ND (0.00082)	ND (0.00091)	ND (0.00098)	ND (0.00075)
Xylene (Total)	500	-	-	ND (0.0018)	0.00051 J	0.00034 J	ND (0.0016)	ND (0.0018)	ND (0.002)	0.00046 J

TABLE 9
SUMMARY OF SOIL QUALITY DATA - BERM 41
FORMER PORT MOBIL TERMINAL
STATEN ISLAND, NEW YORK
FILE NO. 0208998

	Criteria									
Location Name	NY Part 375	41A	41A	41A1	41A2	41A3	41A4	41A5	41A6	41A7
Sample Name	Commercial	41A_0-3	41A_3-6	41A1_5-6	41A2_1-2	41A3_2-3	41A4_3-4	41A5_4-5	41A6_5-6	41A7_2-3
Sample Date	Use	10/13/2025	10/13/2025	10/13/2025	10/13/2025	10/13/2025	10/13/2025	10/13/2025	10/13/2025	10/13/2025
Lab Sample ID	Soil Cleanup	460-337134-3	460-337134-4	460-337134-12	460-337134-13	460-337134-14	460-337134-15	460-337134-16	460-337134-17	460-337134-18
Sample Depth (bgs)	Objectives	0 - 3 (ft)	3 - 6 (ft)	5 - 6 (ft)	1 - 2 (ft)	2 - 3 (ft)	3 - 4 (ft)	4 - 5 (ft)	5 - 6 (ft)	2 - 3 (ft)
Semi-Volatile Organic Compounds (mg/kg)										
1,2,4,5-Tetrachlorobenzene	NA	ND (0.36)	ND (0.38)	-	-	-	-	-	-	-
1,4-Dioxane	130	ND (0.036)	ND (0.038)	-	-	-	-	-	-	-
2,2'-oxybis(1-Chloropropane)	NA	ND (0.36)	ND (0.38)	-	-	-	-	-	-	-
2,3,4,6-Tetrachlorophenol	NA	ND (0.36)	ND (0.38)	-	-	-	-	-	-	-
2,4,5-Trichlorophenol	NA	ND (0.36)	ND (0.38)	-	-	-	-	-	-	-
2,4,6-Trichlorophenol	NA	ND (0.15)	ND (0.15)	-	-	-	-	-	-	-
2,4-Dichlorophenol	NA	ND (0.15)	ND (0.15)	-	-	-	-	-	-	-
2,4-Dimethylphenol	NA	ND (0.36)	ND (0.38)	-	-	-	-	-	-	-
2,4-Dinitrophenol	NA	ND (0.29)	ND (0.31)	-	-	-	-	-	-	-
2,4-Dinitrotoluene	NA	ND (0.074)	ND (0.078)	-	-	-	-	-	-	-
2,6-Dinitrotoluene	NA	ND (0.074)	ND (0.078)	-	-	-	-	-	-	-
2-Chloronaphthalene	NA	ND (0.36)	ND (0.38)	-	-	-	-	-	-	-
2-Chlorophenol	NA	ND (0.36)	ND (0.38)	-	-	-	-	-	-	-
2-Methylnaphthalene	NA	ND (0.36)	0.016 J	-	-	-	-	-	-	-
2-Methylphenol (o-Cresol)	500	ND (0.36)	ND (0.38)	-	-	-	-	-	-	-
2-Nitroaniline	NA	ND (0.36)	ND (0.38)	-	-	-	-	-	-	-
2-Nitrophenol	NA	ND (0.36)	ND (0.38)	-	-	-	-	-	-	-
3&4-Methylphenol	NA	ND (0.36)	ND (0.38)	-	-	-	-	-	-	-
3,3'-Dichlorobenzidine	NA	ND (0.15)	ND (0.15)	-	-	-	-	-	-	-
3-Nitroaniline	NA	ND (0.36)	ND (0.38)	-	-	-	-	-	-	-
4,6-Dinitro-2-methylphenol	NA	ND (0.29)	ND (0.31)	-	-	-	-	-	-	-
4-Bromophenyl phenyl ether (BDE-3)	NA	ND (0.36)	ND (0.38)	-	-	-	-	-	-	-
4-Chloro-3-methylphenol	NA	ND (0.36)	ND (0.38)	-	-	-	-	-	-	-
4-Chloroaniline	NA	ND (0.36)	ND (0.38)	-	-	-	-	-	-	-
4-Chlorophenyl phenyl ether	NA	ND (0.36)	ND (0.38)	-	-	-	-	-	-	-
4-Methylphenol	500	ND (0.36)	ND (0.38)	-	-	-	-	-	-	-
4-Nitroaniline	NA	ND (0.36)	ND (0.38)	-	-	-	-	-	-	-
4-Nitrophenol	NA	ND (0.74)	ND (0.78)	-	-	-	-	-	-	-
Acenaphthene	500	ND (0.36)	0.016 J	-	-	-	-	-	-	-
Acenaphthylene	500	0.045 J	0.093 J	-	-	-	-	-	-	-
Acetophenone	NA	ND (0.36)	ND (0.38)	-	-	-	-	-	-	-
Anthracene	500	0.048 J	0.13 J	-	-	-	-	-	-	-
Atrazine	NA	ND (0.15)	ND (0.15)	-	-	-	-	-	-	-
Benzaldehyde	NA	ND (0.36)	ND (0.38)	-	-	-	-	-	-	-
Benzo(a)anthracene	5.6	0.04	0.082	-	-	-	-	-	-	-
Benzo(a)pyrene	1	0.049	0.1	-	-	-	-	-	-	-
Benzo(b)fluoranthene	5.6	0.058	0.12	-	-	-	-	-	-	-
Benzo(g,h,i)perylene	500	0.053 J	0.11 J	-	-	-	-	-	-	-
Benzo(k)fluoranthene	56	0.019 J	0.045	-	-	-	-	-	-	-
Biphenyl	NA	ND (0.36)	ND (0.38)	-	-	-	-	-	-	-
bis(2-Chloroethoxy)methane	NA	ND (0.36)	ND (0.38)	-	-	-	-	-	-	-
bis(2-Chloroethyl)ether	NA	ND (0.036)	ND (0.038)	-	-	-	-	-	-	-
bis(2-Ethylhexyl)phthalate	NA	ND (0.36)	ND (0.38)	-	-	-	-	-	-	-
Butyl benzylphthalate (BBP)	NA	ND (0.36)	ND (0.38)	-	-	-	-	-	-	-
Caprolactam	NA	ND (0.36)	ND (0.38)	-	-	-	-	-	-	-
Carbazole	NA	0.018 J	0.054 J	-	-	-	-	-	-	-
Chrysene	56	0.043 J	0.097 J	-	-	-	-	-	-	-
Dibenz(a,h)anthracene	0.56	ND (0.036)	0.019 J	-	-	-	-	-	-	-
Dibenzofuran	350	ND (0.36)	ND (0.38)	-	-	-	-	-	-	-
Diethyl phthalate	NA	ND (0.36)	ND (0.38)	-	-	-	-	-	-	-
Dimethyl phthalate	NA	ND (0.36)	ND (0.38)	-	-	-	-	-	-	-
Di-n-butylphthalate (DBP)	NA	ND (0.36)	ND (0.38)	-	-	-	-	-	-	-
Di-n-octyl phthalate (DnOP)	NA	ND (0.36)	ND (0.38)	-	-	-	-	-	-	-
Fluoranthene	500	0.06 J	0.16 J	-	-	-	-	-	-	-
Fluorene	500	ND (0.36)	0.02 J	-	-	-	-	-	-	-
Hexachlorobenzene	6	ND (0.036)	ND (0.038)	-	-	-	-	-	-	-
Hexachlorobutadiene	NA	ND (0.074)	ND (0.078)	-	-	-	-	-	-	-
Hexachlorocyclopentadiene	NA	ND (0.36)	ND (0.38)	-	-	-	-	-	-	-
Hexachloroethane	NA	ND (0.036)	ND (0.038)	-	-	-	-	-	-	-
Indeno(1,2,3-cd)pyrene	5.6	0.044	0.085	-	-	-	-	-	-	-
Isophorone	NA	ND (0.15)	ND (0.15)	-	-	-	-	-	-	-
Naphthalene	500	0.014 J	0.022 J	-	-	-	-	-	-	-
Nitrobenzene	NA	ND (0.036)	ND (0.038)	-	-	-	-	-	-	-
N-Nitrosodi-n-propylamine	NA	ND (0.036)	ND (0.038)	-	-	-	-	-	-	-
N-Nitrosodiphenylamine	NA	ND (0.36)	ND (0.38)	-	-	-	-	-	-	-
Pentachlorophenol	6.7	ND (0.29)	ND (0.31)	-	-	-	-	-	-	-
Phenanthrene	500	0.043 J	0.15 J	-	-	-	-	-	-	-
Phenol	500	ND (0.36)	ND (0.38)	-	-	-	-	-	-	-
Pyrene	500	0.063 J	0.15 J	-	-	-	-	-	-	-

TABLE 9
SUMMARY OF SOIL QUALITY DATA - BERM 41
FORMER PORT MOBIL TERMINAL
STATEN ISLAND, NEW YORK
FILE NO. 0208998

	Criteria									
Location Name	NY Part 375	41A	41A	41A1	41A2	41A3	41A4	41A5	41A6	41A7
Sample Name	Commercial	41A_0-3	41A_3-6	41A1_5-6	41A2_1-2	41A3_2-3	41A4_3-4	41A5_4-5	41A6_5-6	41A7_2-3
Sample Date	Use	10/13/2025	10/13/2025	10/13/2025	10/13/2025	10/13/2025	10/13/2025	10/13/2025	10/13/2025	10/13/2025
Lab Sample ID	Soil Cleanup	460-337134-3	460-337134-4	460-337134-12	460-337134-13	460-337134-14	460-337134-15	460-337134-16	460-337134-17	460-337134-18
Sample Depth (bgs)	Objectives	0 - 3 (ft)	3 - 6 (ft)	5 - 6 (ft)	1 - 2 (ft)	2 - 3 (ft)	3 - 4 (ft)	4 - 5 (ft)	5 - 6 (ft)	2 - 3 (ft)
PFAS (mg/kg)										
11-Chloroeicosafluoro-3-Oxaundecane-1-Sulfonic Acid (11Cl-PF3OUdS)	NA	ND (0.00019)	ND (0.0002)	-	-	-	-	-	-	-
2H,2H,3H,3H-Perfluorooctanoic acid (5:3 FTCA)	NA	ND (0.00096)	ND (0.00099)	-	-	-	-	-	-	-
3-(Perfluoroheptyl)propanoic acid (7:3 FTCA)	NA	ND (0.00096)	ND (0.00099)	-	-	-	-	-	-	-
3:3 Fluorotelomer carboxylic acid (3:3 FTCA)	NA	ND (0.00038)	ND (0.0004)	-	-	-	-	-	-	-
4,8-Dioxa-3H-Perfluorononanoic Acid (ADONA)	NA	ND (0.00019)	ND (0.0002)	-	-	-	-	-	-	-
4:2 Fluorotelomer sulfonic acid (4:2 FTS)	NA	ND (0.00038)	ND (0.0004)	-	-	-	-	-	-	-
6:2 Fluorotelomer sulfonic acid (6:2 FTS)	NA	ND (0.00038)	ND (0.0004)	-	-	-	-	-	-	-
8:2 Fluorotelomer sulfonic acid (8:2 FTS)	NA	ND (0.00038)	ND (0.0004)	-	-	-	-	-	-	-
9-Chlorohexadecafluoro-3-Oxanone-1-Sulfonic Acid (9Cl-PF3ONS)	NA	ND (0.00019)	ND (0.0002)	-	-	-	-	-	-	-
N-Ethyl Perfluorooctanesulfonamidoacetic Acid (NEtFOSAA)	NA	ND (0.00019)	ND (0.0002)	-	-	-	-	-	-	-
N-Ethylperfluorooctane sulfonamide (N-EtFOSA)	NA	ND (0.00019)	ND (0.0002)	-	-	-	-	-	-	-
N-Ethylperfluorooctane sulfonamidoethanol (N-EtFOSE)	NA	ND (0.00096)	ND (0.00099)	-	-	-	-	-	-	-
N-Methyl Perfluorooctanesulfonamidoacetic Acid (NMeFOSAA)	NA	ND (0.00019)	ND (0.0002)	-	-	-	-	-	-	-
N-Methylperfluorooctane sulfonamide (N-MeFOSA)	NA	ND (0.00019)	ND (0.0002)	-	-	-	-	-	-	-
N-Methylperfluorooctane sulfonamidoethanol (N-MeFOSE)	NA	ND (0.00096)	ND (0.00099)	-	-	-	-	-	-	-
Nonafluoro-3,6-dioxaheptanoic acid (NFDHA)	NA	ND (0.00019)	ND (0.0002)	-	-	-	-	-	-	-
Perfluoro(2-ethoxyethane) sulphonic acid (PFEESA)	NA	ND (0.00019)	ND (0.0002)	-	-	-	-	-	-	-
Perfluoro(4-methoxybutanoic) acid (PFMBA)	NA	ND (0.00019)	ND (0.0002)	-	-	-	-	-	-	-
Perfluoro-2-propoxypropanoic acid (PFPrOPrA)(GenX) (HFPO-DA)	NA	ND (0.00019)	ND (0.0002)	-	-	-	-	-	-	-
Perfluoro-3-methoxypropanoic acid (PFMPA)	NA	ND (0.00019)	ND (0.0002)	-	-	-	-	-	-	-
Perfluorobutanesulfonic acid (PFBS)	NA	ND (0.00019)	ND (0.0002)	-	-	-	-	-	-	-
Perfluorobutanoic acid (PFBA)	NA	ND (0.00038)	ND (0.0004)	-	-	-	-	-	-	-
Perfluorodecanesulfonic acid (PFDS)	NA	ND (0.00019)	ND (0.0002)	-	-	-	-	-	-	-
Perfluorodecanoic acid (PFDA)	NA	0.00012 J	0.000081 J	-	-	-	-	-	-	-
Perfluorododecane sulfonic acid (PFDoDS)	NA	ND (0.00019)	ND (0.0002)	-	-	-	-	-	-	-
Perfluorododecanoic acid (PFDoDA)	NA	0.00022	0.00023	-	-	-	-	-	-	-
Perfluoroheptanesulfonic acid (PFHpS)	NA	ND (0.00019)	ND (0.0002)	-	-	-	-	-	-	-
Perfluoroheptanoic acid (PFHpA)	NA	ND (0.00019)	ND (0.0002)	-	-	-	-	-	-	-
Perfluorohexanesulfonic acid (PFHxS)	NA	ND (0.00019)	ND (0.0002)	-	-	-	-	-	-	-
Perfluorohexanoic acid (PFHxA)	NA	ND (0.00019)	ND (0.0002)	-	-	-	-	-	-	-
Perfluorononane sulfonic acid (PFNS)	NA	ND (0.00019)	ND (0.0002)	-	-	-	-	-	-	-
Perfluorononanoic acid (PFNA)	NA	0.00038	0.00036	-	-	-	-	-	-	-
Perfluorooctane sulfonamide (PFOSA)	NA	ND (0.00019)	ND (0.0002)	-	-	-	-	-	-	-
Perfluorooctanesulfonic acid (PFOS)	0.44	0.00016 J	0.00018 J	-	-	-	-	-	-	-
Perfluorooctanoic acid (PFOA)	0.5	ND (0.00019)	ND (0.0002)	-	-	-	-	-	-	-
Perfluoropentanesulfonic acid (PFPeS)	NA	ND (0.00019)	ND (0.0002)	-	-	-	-	-	-	-
Perfluoropentanoic acid (PFPeA)	NA	ND (0.00019)	ND (0.0002)	-	-	-	-	-	-	-
Perfluorotetradecanoic acid (PFTeDA)	NA	ND (0.00019)	0.0001 J	-	-	-	-	-	-	-
Perfluorotridecanoic acid (PFTrDA)	NA	0.00341	0.00383	-	-	-	-	-	-	-
Perfluoroundecanoic acid (PFUnDA)	NA	0.0096	0.00546	-	-	-	-	-	-	-
Pesticides (mg/kg)										
4,4'-DDD	92	ND (0.0074)	ND (0.0077)	-	-	-	-	-	-	-
4,4'-DDE	62	ND (0.0074)	ND (0.0077)	-	-	-	-	-	-	-
4,4'-DDT	47	ND (0.0074)	ND (0.0077)	-	-	-	-	-	-	-
Aldrin	0.68	ND (0.0074)	ND (0.0077)	-	-	-	-	-	-	-
alpha-BHC	3.4	ND (0.0022)	ND (0.0023)	-	-	-	-	-	-	-
alpha-Chlordane (cis)	24	ND (0.0074)	ND (0.0077)	-	-	-	-	-	-	-
beta-BHC	3	ND (0.0022)	ND (0.0023)	-	-	-	-	-	-	-
Chlordane	NA	ND (0.074)	ND (0.077)	-	-	-	-	-	-	-
delta-BHC	500	ND (0.0022)	ND (0.0023)	-	-	-	-	-	-	-
Dieldrin	1.4	ND (0.0022)	ND (0.0023)	-	-	-	-	-	-	-
Endosulfan I	200	ND (0.0074)	ND (0.0077)	-	-	-	-	-	-	-
Endosulfan II	200	ND (0.0074)	ND (0.0077)	-	-	-	-	-	-	-
Endosulfan sulfate	200	ND (0.0074)	ND (0.0077)	-	-	-	-	-	-	-
Endrin	89	ND (0.0074)	ND (0.0077)	-	-	-	-	-	-	-
Endrin aldehyde	NA	ND (0.0074)	ND (0.0077)	-	-	-	-	-	-	-
Endrin ketone	NA	ND (0.0074)	ND (0.0077)	-	-	-	-	-	-	-
gamma-BHC (Lindane)	9.2	ND (0.0022)	ND (0.0023)	-	-	-	-	-	-	-
Heptachlor	15	ND (0.0074)	ND (0.0077)	-	-	-	-	-	-	-
Heptachlor epoxide	NA	ND (0.0074)	ND (0.0077)	-	-	-	-	-	-	-
Methoxychlor	NA	ND (0.0074)	ND (0.0077)	-	-	-	-	-	-	-
Toxaphene	NA	ND (0.074)	ND (0.077)	-	-	-	-	-	-	-

TABLE 9
SUMMARY OF SOIL QUALITY DATA - BERM 41
FORMER PORT MOBIL TERMINAL
STATEN ISLAND, NEW YORK
FILE NO. 0208998

	Criteria									
Location Name	NY Part 375	41A	41A	41A1	41A2	41A3	41A4	41A5	41A6	41A7
Sample Name	Commercial	41A_0-3	41A_3-6	41A1_5-6	41A2_1-2	41A3_2-3	41A4_3-4	41A5_4-5	41A6_5-6	41A7_2-3
Sample Date	Use	10/13/2025	10/13/2025	10/13/2025	10/13/2025	10/13/2025	10/13/2025	10/13/2025	10/13/2025	10/13/2025
Lab Sample ID	Soil Cleanup	460-337134-3	460-337134-4	460-337134-12	460-337134-13	460-337134-14	460-337134-15	460-337134-16	460-337134-17	460-337134-18
Sample Depth (bgs)	Objectives	0 - 3 (ft)	3 - 6 (ft)	5 - 6 (ft)	1 - 2 (ft)	2 - 3 (ft)	3 - 4 (ft)	4 - 5 (ft)	5 - 6 (ft)	2 - 3 (ft)
Polychlorinated Biphenyls (mg/kg)										
Aroclor-1016 (PCB-1016)	NA	ND (0.074)	ND (0.077)	-	-	-	-	-	-	-
Aroclor-1221 (PCB-1221)	NA	ND (0.074)	ND (0.077)	-	-	-	-	-	-	-
Aroclor-1232 (PCB-1232)	NA	ND (0.074)	ND (0.077)	-	-	-	-	-	-	-
Aroclor-1242 (PCB-1242)	NA	ND (0.074)	ND (0.077)	-	-	-	-	-	-	-
Aroclor-1248 (PCB-1248)	NA	ND (0.074)	ND (0.077)	-	-	-	-	-	-	-
Aroclor-1254 (PCB-1254)	NA	ND (0.074)	ND (0.077)	-	-	-	-	-	-	-
Aroclor-1260 (PCB-1260)	NA	ND (0.074)	ND (0.077)	-	-	-	-	-	-	-
Aroclor-1262 (PCB-1262)	NA	ND (0.074)	ND (0.077)	-	-	-	-	-	-	-
Aroclor-1268 (PCB-1268)	NA	ND (0.074)	ND (0.077)	-	-	-	-	-	-	-
Total PCBs	1	ND (0.074)	ND (0.077)	-	-	-	-	-	-	-
Inorganic Compounds (mg/kg)										
Aluminum	NA	8910	8780	-	-	-	-	-	-	-
Antimony	NA	0.72 J	0.94	-	-	-	-	-	-	-
Arsenic	16	4.5	5.7	-	-	-	-	-	-	-
Barium	400	51.3	50.7	-	-	-	-	-	-	-
Beryllium	590	0.53	0.59	-	-	-	-	-	-	-
Cadmium	9.3	ND (0.88)	0.14 J	-	-	-	-	-	-	-
Calcium	NA	903	2110	-	-	-	-	-	-	-
Chromium	NA	14	16.5	-	-	-	-	-	-	-
Cobalt	NA	6.4	7.7	-	-	-	-	-	-	-
Copper	270	19.9	29	-	-	-	-	-	-	-
Iron	NA	17700	19600	-	-	-	-	-	-	-
Lead	1000	22.4	33.9	-	-	-	-	-	-	-
Magnesium	NA	1850	3020	-	-	-	-	-	-	-
Manganese	10000	203	195	-	-	-	-	-	-	-
Mercury	2.8	0.029	0.032	-	-	-	-	-	-	-
Nickel	310	11.2	14.2	-	-	-	-	-	-	-
Potassium	NA	877	1120	-	-	-	-	-	-	-
Selenium	1500	0.22 J	0.3 J	-	-	-	-	-	-	-
Silver	1500	ND (0.35)	0.11 J	-	-	-	-	-	-	-
Sodium	NA	64.2 J	96.2	-	-	-	-	-	-	-
Thallium	NA	0.1 J	0.12 J	-	-	-	-	-	-	-
Vanadium	NA	23.1	26.9	-	-	-	-	-	-	-
Zinc	10000	37.6	49.4	-	-	-	-	-	-	-

ABBREVIATIONS AND NOTES:

mg/kg: milligram per kilogram

**: LCS or LCSD is outside acceptance limits.*
-: Not Analyzed
B: Compound was found in the blank and the associated sample.
bgs: below ground surface
ft: feet
J: Value is estimated.
NA: Not Applicable
ND (2.5): Not detected, number in parentheses is the laboratory reporting limit

- For test methods used, see the laboratory data sheets.
- Soil analytical results are compared to the New York State Department of Environmental Conservation (NYSDEC) Title 6 of the Official Compilation of New York Codes, Rules, and Regulations (NYCRR) Part 375 Commercial Use Soil Cleanup Objectives (SCO).
- Grey shading indicates an exceedance of the Commercial Use Soil Cleanup Objectives.

TABLE 10
SUMMARY OF SOIL QUALITY DATA - BERM 43
FORMER PORT MOBIL TERMINAL
STATEN ISLAND, NEW YORK
FILE NO. 0208998

	Criteria																		
Location Name	NY Part 375	43A	43A	43A1	43A1	43A2	43A2	43A2	43A3	43A3	43B	43B	43B1	43B1	43B1	43B2	43B2	43B3	43B3
Sample Name	Commercial	43A_0-4	43A_4-8	43A1_1-2	43A1_4-5	43A2_2-3	43A2_5-6	43A2_7-8	43A3_3-4	43A3_6-7	43B_0-4	43B_4-8	43B1_1-2	43B1_4-5	43B1_7-8	43B2_2-3	43B2_5-6	43B3_3-4	43B3_6-7
Sample Date	Use	10/01/2025	10/01/2025	10/01/2025	10/01/2025	10/01/2025	10/01/2025	10/01/2025	10/01/2025	10/01/2025	10/01/2025	10/01/2025	10/01/2025	10/01/2025	10/01/2025	10/01/2025	10/01/2025	10/01/2025	10/01/2025
Lab Sample ID	Soil Cleanup	460-336212-3	460-336212-4	460-336212-24	460-336212-27	460-336212-25	460-336212-28	460-336212-30	460-336212-26	460-336212-29	460-336212-5	460-336212-6	460-336212-31	460-336212-34	460-336212-37	460-336212-32	460-336212-35	460-336212-33	460-336212-36
Sample Depth (bgs)	Objectives	0 - 4 (ft)	4 - 8 (ft)	1 - 2 (ft)	4 - 5 (ft)	2 - 3 (ft)	5 - 6 (ft)	7 - 8 (ft)	3 - 4 (ft)	6 - 7 (ft)	0 - 4 (ft)	4 - 8 (ft)	1 - 2 (ft)	4 - 5 (ft)	7 - 8 (ft)	2 - 3 (ft)	5 - 6 (ft)	3 - 4 (ft)	6 - 7 (ft)
Volatile Organic Compounds (mg/kg)																			
1,1,1-Trichloroethane	500	-	-	ND (0.001)	ND (0.0013)	ND (0.0013)	ND (0.0013)	ND (0.0011)	ND (0.001)	ND (0.00077)	-	-	ND (0.0013)	ND (0.001)	ND (0.0013)	ND (0.0016)	ND (0.0011)	ND (0.00079)	ND (0.00088)
1,1,2,2-Tetrachloroethane	NA	-	-	ND (0.001)	ND (0.0013)	ND (0.0013)	ND (0.0013)	ND (0.0011)	ND (0.001)	ND (0.00077)	-	-	ND (0.0013)	ND (0.001)	ND (0.0013)	ND (0.0016)	ND (0.0011)	ND (0.00079)	ND (0.00088)
1,1,2-Trichloroethane	NA	-	-	ND (0.001)	ND (0.0013)	ND (0.0013)	ND (0.0013)	ND (0.0011)	ND (0.001)	ND (0.00077)	-	-	ND (0.0013)	ND (0.001)	ND (0.0013)	ND (0.0016)	ND (0.0011)	ND (0.00079)	ND (0.00088)
1,1-Dichloroethane	240	-	-	ND (0.001)	ND (0.0013)	ND (0.0013)	ND (0.0013)	ND (0.0011)	ND (0.001)	ND (0.00077)	-	-	ND (0.0013)	ND (0.001)	ND (0.0013)	ND (0.0016)	ND (0.0011)	ND (0.00079)	ND (0.00088)
1,1-Dichloroethene	500	-	-	ND (0.001)	ND (0.0013)	ND (0.0013)	ND (0.0013)	ND (0.0011)	ND (0.001)	ND (0.00077)	-	-	ND (0.0013)	ND (0.001)	ND (0.0013)	ND (0.0016)	ND (0.0011)	ND (0.00079)	ND (0.00088)
1,2,3-Trichlorobenzene	NA	-	-	ND (0.001)	ND (0.0013)	ND (0.0013)	ND (0.0013)	ND (0.0011)	ND (0.001)	ND (0.00077)	-	-	ND (0.0013)	ND (0.001)	ND (0.0013)	ND (0.0016)	ND (0.0011)	ND (0.00079)	ND (0.00088)
1,2,4-Trichlorobenzene	NA	-	-	ND (0.001)	ND (0.0013)	ND (0.0013)	ND (0.0013)	ND (0.0011)	ND (0.001)	ND (0.00077)	-	-	ND (0.0013)	ND (0.001)	ND (0.0013)	ND (0.0016)	ND (0.0011)	ND (0.00079)	ND (0.00088)
1,2,4-Trimethylbenzene	190	-	-	ND (0.001)	ND (0.0013)	ND (0.0013)	ND (0.0013)	ND (0.0011)	ND (0.001)	ND (0.00077)	-	-	ND (0.0013)	ND (0.001)	ND (0.0013)	ND (0.0016)	ND (0.0011)	ND (0.00079)	ND (0.00088)
1,2-Dibromo-3-chloropropane (DBCP)	NA	-	-	ND (0.001)	ND (0.0013)	ND (0.0013)	ND (0.0013)	ND (0.0011)	ND (0.001)	ND (0.00077)	-	-	ND (0.0013)	ND (0.001)	ND (0.0013)	ND (0.0016)	ND (0.0011)	ND (0.00079)	ND (0.00088)
1,2-Dibromoethane (Ethylene Dibromide)	NA	-	-	ND (0.001)	ND (0.0013)	ND (0.0013)	ND (0.0013)	ND (0.0011)	ND (0.001)	ND (0.00077)	-	-	ND (0.0013)	ND (0.001)	ND (0.0013)	ND (0.0016)	ND (0.0011)	ND (0.00079)	ND (0.00088)
1,2-Dichlorobenzene	500	-	-	ND (0.001)	ND (0.0013)	ND (0.0013)	ND (0.0013)	ND (0.0011)	ND (0.001)	ND (0.00077)	-	-	ND (0.0013)	ND (0.001)	ND (0.0013)	ND (0.0016)	ND (0.0011)	ND (0.00079)	ND (0.00088)
1,2-Dichloroethane	30	-	-	ND (0.001)	ND (0.0013)	ND (0.0013)	ND (0.0013)	ND (0.0011)	ND (0.001)	ND (0.00077)	-	-	ND (0.0013)	ND (0.001)	ND (0.0013)	ND (0.0016)	ND (0.0011)	ND (0.00079)	ND (0.00088)
1,2-Dichloropropane	NA	-	-	ND (0.001)	ND (0.0013)	ND (0.0013)	ND (0.0013)	ND (0.0011)	ND (0.001)	ND (0.00077)	-	-	ND (0.0013)	ND (0.001)	ND (0.0013)	ND (0.0016)	ND (0.0011)	ND (0.00079)	ND (0.00088)
1,3,5-Trimethylbenzene	190	-	-	ND (0.001)	ND (0.0013)	ND (0.0013)	ND (0.0013)	ND (0.0011)	ND (0.001)	ND (0.00077)	-	-	ND (0.0013)	ND (0.001)	ND (0.0013)	ND (0.0016)	ND (0.0011)	ND (0.00079)	ND (0.00088)
1,3-Dichlorobenzene	280	-	-	ND (0.001)	ND (0.0013)	ND (0.0013)	ND (0.0013)	ND (0.0011)	ND (0.001)	ND (0.00077)	-	-	ND (0.0013)	ND (0.001)	ND (0.0013)	ND (0.0016)	ND (0.0011)	ND (0.00079)	ND (0.00088)
1,4-Dichlorobenzene	130	-	-	ND (0.001)	ND (0.0013)	ND (0.0013)	ND (0.0013)	ND (0.0011)	ND (0.001)	ND (0.00077)	-	-	ND (0.0013)	ND (0.001)	ND (0.0013)	ND (0.0016)	ND (0.0011)	ND (0.00079)	ND (0.00088)
2-Butanone (Methyl Ethyl Ketone)	500	-	-	ND (0.0051)	ND (0.0066)	ND (0.0064)	ND (0.0065)	ND (0.0055)	ND (0.0051)	ND (0.0039)	-	-	ND (0.0065)	ND (0.005)	ND (0.0063)	ND (0.0079)	ND (0.0054)	ND (0.0039)	ND (0.0044)
2-Hexanone (Methyl Butyl Ketone)	NA	-	-	ND (0.0051)	ND (0.0066)	ND (0.0064)	ND (0.0065)	ND (0.0055)	ND (0.0051)	ND (0.0039)	-	-	ND (0.0065)	ND (0.005)	ND (0.0063)	ND (0.0079)	ND (0.0054)	ND (0.0039)	ND (0.0044)
2-Phenylbutane (sec-Butylbenzene)	500	-	-	ND (0.001)	ND (0.0013)	ND (0.0013)	ND (0.0013)	ND (0.0011)	ND (0.001)	ND (0.00077)	-	-	ND (0.0013)	ND (0.001)	ND (0.0013)	ND (0.0016)	ND (0.0011)	ND (0.00079)	ND (0.00088)
4-Methyl-2-Pentanone (Methyl Isobutyl Ketone)	NA	-	-	ND (0.0051)	ND (0.0066)	ND (0.0064)	ND (0.0065)	ND (0.0055)	ND (0.0051)	ND (0.0039)	-	-	ND (0.0065)	ND (0.005)	ND (0.0063)	ND (0.0079)	ND (0.0054)	ND (0.0039)	ND (0.0044)
Acetone	500	-	-	ND (0.0062)	ND (0.0079)	ND (0.0076)	ND (0.0078)	ND (0.0066)	ND (0.0061)	ND (0.0046)	-	-	ND (0.0078)	ND (0.006)	ND (0.0075)	ND (0.0095)	ND (0.0065)	ND (0.0047)	ND (0.0053)
Benzene	44	-	-	ND (0.001)	ND (0.0013)	ND (0.0013)	ND (0.0013)	ND (0.0011)	ND (0.001)	ND (0.00077)	-	-	ND (0.0013)	ND (0.001)	ND (0.0013)	ND (0.0016)	ND (0.0011)	ND (0.00079)	ND (0.00088)
Bromodichloromethane	NA	-	-	ND (0.001)	ND (0.0013)	ND (0.0013)	ND (0.0013)	ND (0.0011)	ND (0.001)	ND (0.00077)	-	-	ND (0.0013)	ND (0.001)	ND (0.0013)	ND (0.0016)	ND (0.0011)	ND (0.00079)	ND (0.00088)
Bromoform	NA	-	-	ND (0.001)	ND (0.0013)	ND (0.0013)	ND (0.0013)	ND (0.0011)	ND (0.001)	ND (0.00077)	-	-	ND (0.0013)	ND (0.001)	ND (0.0013)	ND (0.0016)	ND (0.0011)	ND (0.00079)	ND (0.00088)
Bromomethane (Methyl Bromide)	NA	-	-	ND (0.0021)	ND (0.0026)	ND (0.0025)	ND (0.0026)	ND (0.0022)	ND (0.002)	ND (0.0015)	-	-	ND (0.0026)	ND (0.002)	ND (0.0025)	ND (0.0032)	ND (0.0022)	ND (0.0016)	ND (0.0018)
Carbon disulfide	NA	-	-	ND (0.001)	ND (0.0013)	ND (0.0013)	ND (0.0013)	ND (0.0011)	ND (0.001)	ND (0.00077)	-	-	ND (0.0013)	ND (0.001)	ND (0.0013)	ND (0.0016)	ND (0.0011)	ND (0.00079)	ND (0.00088)
Carbon tetrachloride	22	-	-	ND (0.001)	ND (0.0013)	ND (0.0013)	ND (0.0013)	ND (0.0011)	ND (0.001)	ND (0.00077)	-	-	ND (0.0013)	ND (0.001)	ND (0.0013)	ND (0.0016)	ND (0.0011)	ND (0.00079)	ND (0.00088)
Chlorobenzene	500	-	-	ND (0.001)	ND (0.0013)	ND (0.0013)	ND (0.0013)	ND (0.0011)	ND (0.001)	ND (0.00077)	-	-	ND (0.0013)	ND (0.001)	ND (0.0013)	ND (0.0016)	ND (0.0011)	ND (0.00079)	ND (0.00088)
Chlorobromomethane	NA	-	-	ND (0.001)	ND (0.0013)	ND (0.0013)	ND (0.0013)	ND (0.0011)	ND (0.001)	ND (0.00077)	-	-	ND (0.0013)	ND (0.001)	ND (0.0013)	ND (0.0016)	ND (0.0011)	ND (0.00079)	ND (0.00088)
Chloroethane	NA	-	-	ND (0.001)	ND (0.0013)	ND (0.0013)	ND (0.0013)	ND (0.0011)	ND (0.001)	ND (0.00077)	-	-	ND (0.0013)	ND (0.001)	ND (0.0013)	ND (0.0016)	ND (0.0011)	ND (0.00079)	ND (0.00088)
Chloroform (Trichloromethane)	350	-	-	ND (0.001)	ND (0.0013)	ND (0.0013)	ND (0.0013)	ND (0.0011)	ND (0.001)	ND (0.00077)	-	-	ND (0.0013)	ND (0.001)	ND (0.0013)	ND (0.0016)	ND (0.0011)	ND (0.00079)	ND (0.00088)
Chloromethane (Methyl Chloride)	NA	-	-	ND (0.001)	ND (0.0013)	ND (0.0013)	ND (0.0013)	ND (0.0011)	ND (0.001)	ND (0.00077)	-	-	ND (0.0013)	ND (0.001)	ND (0.0013)	ND (0.0016)	ND (0.0011)	ND (0.00079)	ND (0.00088)
cis-1,2-Dichloroethene	500	-	-	ND (0.001)	ND (0.0013)	ND (0.0013)	ND (0.0013)	ND (0.0011)	ND (0.001)	ND (0.00077)	-	-	ND (0.0013)	ND (0.001)	ND (0.0013)	ND (0.0016)	ND (0.0011)	ND (0.00079)	ND (0.00088)
cis-1,3-Dichloropropene	NA	-	-	ND (0.001)	ND (0.0013)	ND (0.0013)	ND (0.0013)	ND (0.0011)	ND (0.001)	ND (0.00077)	-	-	ND (0.0013)	ND (0.001)	ND (0.0013)	ND (0.0016)	ND (0.0011)	ND (0.00079)	ND (0.00088)
Cyclohexane	NA	-	-	ND (0.001)	ND (0.0013)	ND (0.0013)	ND (0.0013)	ND (0.0011)	ND (0.001)	ND (0.00077)	-	-	ND (0.0013)	ND (0.001)	ND (0.0013)	ND (0.0016)	ND (0.0011)	ND (0.00079)	ND (0.00088)
Dibromochloromethane	NA	-	-	ND (0.001)	ND (0.0013)	ND (0.0013)	ND (0.0013)	ND (0.0011)	ND (0.001)	ND (0.00077)	-	-	ND (0.0013)	ND (0.001)	ND (0.0013)	ND (0.0016)	ND (0.0011)	ND (0.00079)	ND (0.00088)
Dichlorodifluoromethane (CFC-12)	NA	-	-	ND (0.001)	ND (0.0013)	ND (0.0013)	ND (0.0013)	ND (0.0011)	ND (0.001)	ND (0.00077)	-	-	ND (0.0013)	ND (0.001)	ND (0.0013) *	ND (0.0016)	ND (0.0011)	ND (0.00079)	ND (0.00088)
Ethylbenzene	390	-	-	ND (0.001)	ND (0.0013)	ND (0.0013)	ND (0.0013)	ND (0.0011)	ND (0.001)	ND (0.00077)	-	-	ND (0.0013)	ND (0.001)	ND (0.0013)	ND (0.0016)	ND (0.0011)	ND (0.00079)	ND (0.00088)
Isopropylbenzene (Cumene)	NA	-	-	ND (0.001)	ND (0.0013)	ND (0.0013)	ND (0.0013)	ND (0.0011)	ND (0.001)	ND (0.00077)	-	-	ND (0.0013)	ND (0.001)	ND (0.0013)	ND (0.0016)	ND (0.0011)	ND (0.00079)	ND (0.00088)
m,p-Xylenes	NA	-	-	ND (0.001)	ND (0.0013)	ND (0.0013)	ND (0.0013)	ND (0.0011)	ND (0.001)	ND (0.00077)	-	-	ND (0.0013)	ND (0.001)	ND (0.0013)	ND (0.0016)	ND (0.0011)	ND (0.00079)	ND (0.00088)
Methyl acetate	NA	-	-	ND (0.0051)	ND (0.0066)	ND (0.0064)	ND (0.0065)	ND (0.0055)	ND (0.0051)	ND (0.0039)	-	-	ND (0.0065)	ND (0.005)	ND (0.0063)	ND (0.0079)	ND (0.0054)	ND (0.0039)	ND (0.0044)
Methyl Tert Butyl Ether (MTBE)	500	-	-	ND (0.001)	ND (0.0013)	ND (0.0013)	ND (0.0013)	ND (0.0011)	ND (0.001)	ND (0.00077)	-	-	ND (0.0013)	ND (0.001)	ND (0.0013)	ND (0.0016)	ND (0.0011)	ND (0.00079)	ND (0.00088)
Methylcyclohexane	NA	-	-	ND (0.001) *	ND (0.0013) *	ND (0.0013) *	ND (0.0013) *	ND (0.0011) *	ND (0.001) *	ND (0.00077) *	-	-	ND (0.0013) *	ND (0.001) *	ND (0.0013)	ND (0.0016) *	ND (0.0011) *	ND (0.00079) *	ND (0.00088) *
Methylene chloride (Dichloromethane)	500	-	-	ND (0.0021)	0.0017 J	0.0034	0.005	0.0035	0.0014 J	0.0031	-	-	0.0051	0.0022	0.0017 J	0.007	0.0027	0.0013 J	0.0017 J
n-Butylbenzene	500	-	-	ND (0.001)	ND (0.0013)	ND (0.0013)	ND (0.0013)	ND (0.0011)	ND (0.001)	ND (0.00077)	-	-	ND (0.0013)	ND (0.001)	ND (0.0013)	ND (0.0016)	ND (0.0011)	ND (0.00079)	ND (0.00088)
n-Propylbenzene	500	-	-	ND (0.001)	ND (0.0013)	ND (0.0013)	ND (0.0013)	ND (0.0011)	ND (0.001)	ND (0.00077)	-	-	ND (0.0013)	ND (0.001)	ND (0.0013)	ND (0.0016)	ND (0.0011)	ND (0.00079)	ND (0.00088)
o-Xylene	NA	-	-	ND (0.001)	ND (0.0013)	ND (0.0013)	ND (0.0013)	ND (0.0011)	ND (0.001)	ND (0.00077)	-	-	ND (0.0013)	ND (0.001)	ND (0.0013)	ND (0.0016)	ND (0.0011)	ND (0.00079)	ND (0.00088)
Styrene	NA	-	-	ND (0.001)	ND (0.0013)	ND (0.0013)	ND (0.0013)	ND (0.0011)	ND (0.001)	ND (0.00077)	-	-	ND (0.0013)	ND (0.001)	ND (0.0013)	ND (0.0016)	ND (0.0011)	ND (0.00079)	ND (0.00088)
tert-Butylbenzene	500	-	-	ND (0.001) *	ND (0.0013) *	ND (0.0013) *	ND (0.0013) *	ND (0.0011) *	ND (0.001) *	ND (0.00077) *	-	-	ND (0.0013) *	ND (0.001) *	ND (0.0013)	ND (0.0016) *	ND (0.0011) *	ND (0.00079) *	ND (0.00088) *
Tetrachloroethene	150	-	-	ND (0.001)	ND (0.0013)	ND (0.0013)	ND (0.0013)	ND (0.0011)	ND (0.001)	ND (0.00077)	-	-	ND (0.0013)	ND (0.001)	ND (0.0013)	ND (0.0016)	ND (0.0011)	ND (0.00079)	ND (0.00088)
Toluene	500	-	-	ND (0.001)	ND (0.0013)	ND (0.0013)	ND (0.0013)	ND (0.0011)	ND (0.001)	ND (0.00077)	-	-	ND (0.0013)	ND (0.001)	ND (0.0013)	ND (0.0016)	ND (0.0011)	ND (0.00079)	ND (0.00088)
trans-1,2-Dichloroethene	500	-	-	ND (0.001)	ND (0.0013)	ND (0.0013)	ND (0.0013)	ND (0.0011)	ND (0.001)	ND (0.00077)	-	-	ND (0.0013)	ND (0.001)	ND (0.0013)	ND (0.0016)	ND (0.0011)	ND (0.00079)	ND (0.00088)
trans-1,3-Dichloropropene	NA	-	-	ND (0.001)	ND (0.0013)	ND (0.0013)	ND (0.0013)	ND (0.0011)	ND (0.001)	ND (0.00077)	-	-	ND (0.0013)	ND (0.001)	ND (0.0013)	ND (0.0016)	ND (0.0011)	ND (0.00079)	ND (0.00088)
Trichloroethene	200	-	-	ND (0.001)	ND (0.0013)	ND (0.0013)	ND (0.0013)	ND (0.0011)	ND (0.001)	ND (0.00077)	-	-	ND (0.0013)	ND (0.001)	ND (0.0013)	ND (0.0016)	ND (0.0011)	ND (0.00079)	ND (0.00088)
Trichlorofluoromethane (CFC-11)	NA	-	-	ND (0.001)	ND (0.0013)	ND (0.0013)	ND (0.0013)	ND (0.0011)	ND (0.001)	ND (0.00077)	-	-	ND (0.0013)	ND (0.001)	ND (0.0013)	ND (0.0016)	ND (0.0011)	ND (0.00079)	ND (0.00088)
Trifluorotrichloroethane (Freon 113)	NA	-	-	ND (0.001)	ND (0.0013)	ND (0.0013)	ND (0.0013)	ND (0.0011)	ND (0.001)	ND (0.00077)	-	-	ND (0.0013)	ND (0.001)	ND (0.0013)	ND (0.0016)	ND (0.0011)	ND (0.00079)	ND (0.00088)
Vinyl chloride	13	-	-	ND (0.001)	ND (0.0013)	ND (0.0013)	ND (0.0013)	ND (0.0011)	ND (0.001)	ND (0.00077)	-	-	ND (0.0013)	ND (0.001)	ND (0.0013)	ND (0.0016)	ND (0.0011)	ND (0.00079)	ND (0.00088)
Xylene (Total)	500	-	-	ND (0.0021)	ND (0.0026)	ND (0.0025)	ND (0.0026)	ND (0.0022)	ND (0.002)	ND (0.0015)	-	-	ND (0.0026)	ND (0.002)	ND (0.0025)	ND (0.0032)	ND (0.0022)	ND (0.0016)	ND (0.0018)

TABLE 10
SUMMARY OF SOIL QUALITY DATA - BERM 43
FORMER PORT MOBIL TERMINAL
STATEN ISLAND, NEW YORK
FILE NO. 0208998

	Criteria																		
Location Name	NY Part 375	43A	43A	43A1	43A1	43A2	43A2	43A2	43A3	43A3	43B	43B	43B1	43B1	43B1	43B2	43B2	43B3	43B3
Sample Name	Commercial	43A_0-4	43A_4-8	43A1_1-2	43A1_4-5	43A2_2-3	43A2_5-6	43A2_7-8	43A3_3-4	43A3_6-7	43B_0-4	43B_4-8	43B1_1-2	43B1_4-5	43B1_7-8	43B2_2-3	43B2_5-6	43B3_3-4	43B3_6-7
Sample Date	Use	10/01/2025	10/01/2025	10/01/2025	10/01/2025	10/01/2025	10/01/2025	10/01/2025	10/01/2025	10/01/2025	10/01/2025	10/01/2025	10/01/2025	10/01/2025	10/01/2025	10/01/2025	10/01/2025	10/01/2025	10/01/2025
Lab Sample ID	Soil Cleanup	460-336212-3	460-336212-4	460-336212-24	460-336212-27	460-336212-25	460-336212-28	460-336212-30	460-336212-26	460-336212-29	460-336212-5	460-336212-6	460-336212-31	460-336212-34	460-336212-37	460-336212-32	460-336212-35	460-336212-33	460-336212-36
Sample Depth (bgs)	Objectives	0 - 4 (ft)	4 - 8 (ft)	1 - 2 (ft)	4 - 5 (ft)	2 - 3 (ft)	5 - 6 (ft)	7 - 8 (ft)	3 - 4 (ft)	6 - 7 (ft)	0 - 4 (ft)	4 - 8 (ft)	1 - 2 (ft)	4 - 5 (ft)	7 - 8 (ft)	2 - 3 (ft)	5 - 6 (ft)	3 - 4 (ft)	6 - 7 (ft)
Semi-Volatile Organic Compounds (mg/kg)																			
1,2,4,5-Tetrachlorobenzene	NA	ND (0.35)	ND (0.35)	-	-	-	-	-	-	-	ND (0.35)	ND (0.36)	-	-	-	-	-	-	-
1,4-Dioxane	130	ND (0.035)	ND (0.035)	-	-	-	-	-	-	-	ND (0.035)	ND (0.036)	-	-	-	-	-	-	-
2,2'-oxybis(1-Chloropropane)	NA	ND (0.35)	ND (0.35)	-	-	-	-	-	-	-	ND (0.35)	ND (0.36)	-	-	-	-	-	-	-
2,3,4,6-Tetrachlorophenol	NA	ND (0.35)	ND (0.35)	-	-	-	-	-	-	-	ND (0.35)	ND (0.36)	-	-	-	-	-	-	-
2,4,5-Trichlorophenol	NA	ND (0.35)	ND (0.35)	-	-	-	-	-	-	-	ND (0.35)	ND (0.36)	-	-	-	-	-	-	-
2,4,6-Trichlorophenol	NA	ND (0.14)	ND (0.14)	-	-	-	-	-	-	-	ND (0.14)	ND (0.14)	-	-	-	-	-	-	-
2,4-Dichlorophenol	NA	ND (0.14)	ND (0.14)	-	-	-	-	-	-	-	ND (0.14)	ND (0.14)	-	-	-	-	-	-	-
2,4-Dimethylphenol	NA	ND (0.35)	ND (0.35)	-	-	-	-	-	-	-	ND (0.35)	ND (0.36)	-	-	-	-	-	-	-
2,4-Dinitrophenol	NA	ND (0.28)	ND (0.29)	-	-	-	-	-	-	-	ND (0.28)	ND (0.29)	-	-	-	-	-	-	-
2,4-Dinitrotoluene	NA	ND (0.071)	ND (0.072)	-	-	-	-	-	-	-	ND (0.072)	ND (0.072)	-	-	-	-	-	-	-
2,6-Dinitrotoluene	NA	ND (0.071)	ND (0.072)	-	-	-	-	-	-	-	ND (0.072)	ND (0.072)	-	-	-	-	-	-	-
2-Chloronaphthalene	NA	ND (0.35)	ND (0.35)	-	-	-	-	-	-	-	ND (0.35)	ND (0.36)	-	-	-	-	-	-	-
2-Chlorophenol	NA	ND (0.35)	ND (0.35)	-	-	-	-	-	-	-	ND (0.35)	ND (0.36)	-	-	-	-	-	-	-
2-Methylnaphthalene	NA	ND (0.35)	ND (0.35)	-	-	-	-	-	-	-	0.017 J	ND (0.36)	-	-	-	-	-	-	-
2-Methylphenol (o-Cresol)	500	ND (0.35)	ND (0.35)	-	-	-	-	-	-	-	ND (0.35)	ND (0.36)	-	-	-	-	-	-	-
2-Nitroaniline	NA	ND (0.35)	ND (0.35)	-	-	-	-	-	-	-	ND (0.35)	ND (0.36)	-	-	-	-	-	-	-
2-Nitrophenol	NA	ND (0.35)	ND (0.35)	-	-	-	-	-	-	-	ND (0.35)	ND (0.36)	-	-	-	-	-	-	-
3&4-Methylphenol	NA	ND (0.35)	ND (0.35)	-	-	-	-	-	-	-	ND (0.35)	ND (0.36)	-	-	-	-	-	-	-
3,3'-Dichlorobenzidine	NA	ND (0.14)	ND (0.14)	-	-	-	-	-	-	-	ND (0.14)	ND (0.14)	-	-	-	-	-	-	-
3-Nitroaniline	NA	ND (0.35)	ND (0.35)	-	-	-	-	-	-	-	ND (0.35)	ND (0.36)	-	-	-	-	-	-	-
4,6-Dinitro-2-methylphenol	NA	ND (0.28)	ND (0.29)	-	-	-	-	-	-	-	ND (0.28)	ND (0.29)	-	-	-	-	-	-	-
4-Bromophenyl phenyl ether (BDE-3)	NA	ND (0.35)	ND (0.35)	-	-	-	-	-	-	-	ND (0.35)	ND (0.36)	-	-	-	-	-	-	-
4-Chloro-3-methylphenol	NA	ND (0.35)	ND (0.35)	-	-	-	-	-	-	-	ND (0.35)	ND (0.36)	-	-	-	-	-	-	-
4-Chloroaniline	NA	ND (0.35)	ND (0.35)	-	-	-	-	-	-	-	ND (0.35)	ND (0.36)	-	-	-	-	-	-	-
4-Chlorophenyl phenyl ether	NA	ND (0.35)	ND (0.35)	-	-	-	-	-	-	-	ND (0.35)	ND (0.36)	-	-	-	-	-	-	-
4-Methylphenol	500	ND (0.35)	ND (0.35)	-	-	-	-	-	-	-	ND (0.35)	ND (0.36)	-	-	-	-	-	-	-
4-Nitroaniline	NA	ND (0.35)	ND (0.35)	-	-	-	-	-	-	-	ND (0.35)	ND (0.36)	-	-	-	-	-	-	-
4-Nitrophenol	NA	ND (0.71)	ND (0.72)	-	-	-	-	-	-	-	ND (0.72)	ND (0.72)	-	-	-	-	-	-	-
Acenaphthene	500	ND (0.35)	ND (0.35)	-	-	-	-	-	-	-	0.023 J	ND (0.36)	-	-	-	-	-	-	-
Acenaphthylene	500	ND (0.35)	0.019 J	-	-	-	-	-	-	-	0.28 J	0.026 J	-	-	-	-	-	-	-
Acetophenone	NA	ND (0.35)	ND (0.35)	-	-	-	-	-	-	-	ND (0.35)	ND (0.36)	-	-	-	-	-	-	-
Anthracene	500	ND (0.35)	0.018 J	-	-	-	-	-	-	-	0.41	0.032 J	-	-	-	-	-	-	-
Atrazine	NA	ND (0.14)	ND (0.14)	-	-	-	-	-	-	-	ND (0.14)	ND (0.14)	-	-	-	-	-	-	-
Benzaldehyde	NA	ND (0.35)	ND (0.35)	-	-	-	-	-	-	-	ND (0.35)	ND (0.36)	-	-	-	-	-	-	-
Benzo(a)anthracene	5.6	ND (0.035)	0.03 J	-	-	-	-	-	-	-	0.29	0.038	-	-	-	-	-	-	-
Benzo(a)pyrene	1	0.015 J	0.037	-	-	-	-	-	-	-	0.46	0.045	-	-	-	-	-	-	-
Benzo(b)fluoranthene	5.6	0.017 J	0.044	-	-	-	-	-	-	-	0.55	0.057	-	-	-	-	-	-	-
Benzo(g,h,i)perylene	500	0.029 J	0.041 J	-	-	-	-	-	-	-	0.45	0.058 J	-	-	-	-	-	-	-
Benzo(k)fluoranthene	56	0.0076 J	0.018 J	-	-	-	-	-	-	-	0.19	0.022 J	-	-	-	-	-	-	-
Biphenyl	NA	ND (0.35)	ND (0.35)	-	-	-	-	-	-	-	ND (0.35)	ND (0.36)	-	-	-	-	-	-	-
bis(2-Chloroethoxy)methane	NA	ND (0.35)	ND (0.35)	-	-	-	-	-	-	-	ND (0.35)	ND (0.36)	-	-	-	-	-	-	-
bis(2-Chloroethyl)ether	NA	ND (0.035)	ND (0.035)	-	-	-	-	-	-	-	ND (0.035)	ND (0.036)	-	-	-	-	-	-	-
bis(2-Ethylhexyl)phthalate	NA	ND (0.35)	ND (0.35)	-	-	-	-	-	-	-	ND (0.35)	0.049 J	-	-	-	-	-	-	-
Butyl benzylphthalate (BBP)	NA	ND (0.35)	ND (0.35)	-	-	-	-	-	-	-	ND (0.35)	ND (0.36)	-	-	-	-	-	-	-
Caprolactam	NA	ND (0.35)	ND (0.35)	-	-	-	-	-	-	-	ND (0.35)	ND (0.36)	-	-	-	-	-	-	-
Carbazole	NA	ND (0.35)	ND (0.35)	-	-	-	-	-	-	-	0.14 J	ND (0.36)	-	-	-	-	-	-	-
Chrysene	56	ND (0.35)	0.027 J	-	-	-	-	-	-	-	0.36	0.039 J	-	-	-	-	-	-	-
Dibenz(a,h)anthracene	0.56	ND (0.035)	ND (0.035)	-	-	-	-	-	-	-	0.076	ND (0.036)	-	-	-	-	-	-	-
Dibenzofuran	350	ND (0.35)	ND (0.35)	-	-	-	-	-	-	-	0.02 J	ND (0.36)	-	-	-	-	-	-	-
Diethyl phthalate	NA	ND (0.35)	ND (0.35)	-	-	-	-	-	-	-	ND (0.35)	ND (0.36)	-	-	-	-	-	-	-
Dimethyl phthalate	NA	ND (0.35)	ND (0.35)	-	-	-	-	-	-	-	ND (0.35)	ND (0.36)	-	-	-	-	-	-	-
Di-n-butylphthalate (DBP)	NA	ND (0.35)	ND (0.35)	-	-	-	-	-	-	-	ND (0.35)	ND (0.36)	-	-	-	-	-	-	-
Di-n-octyl phthalate (DnOP)	NA	ND (0.35)	ND (0.35)	-	-	-	-	-	-	-	ND (0.35)	ND (0.36)	-	-	-	-	-	-	-
Fluoranthene	500	0.016 J	0.041 J	-	-	-	-	-	-	-	0.54	0.067 J	-	-	-	-	-	-	-
Fluorene	500	ND (0.35)	ND (0.35)	-	-	-	-	-	-	-	0.044 J	ND (0.36)	-	-	-	-	-	-	-
Hexachlorobenzene	6	ND (0.035)	ND (0.035)	-	-	-	-	-	-	-	ND (0.035)	ND (0.036)	-	-	-	-	-	-	-
Hexachlorobutadiene	NA	ND (0.071)	ND (0.072)	-	-	-	-	-	-	-	ND (0.072)	ND (0.072)	-	-	-	-	-	-	-
Hexachlorocyclopentadiene	NA	ND (0.35)	ND (0.35)	-	-	-	-	-	-	-	ND (0.35)	ND (0.36)	-	-	-	-	-	-	-
Hexachloroethane	NA	ND (0.035)	ND (0.035)	-	-	-	-	-	-	-	ND (0.035)	ND (0.036)	-	-	-	-	-	-	-
Indeno(1,2,3-cd)pyrene	5.6	0.02 J	0.035	-	-	-	-	-	-	-	0.42	0.052	-	-	-	-	-	-	-
Isophorone	NA	ND (0.14)	ND (0.14)	-	-	-	-	-	-	-	ND (0.14)	ND (0.14)	-	-	-	-	-	-	-
Naphthalene	500	ND (0.35)	ND (0.35)	-	-	-	-	-	-	-	0.041 J	ND (0.36)	-	-	-	-	-	-	-
Nitrobenzene	NA	ND (0.035)	ND (0.035)	-	-	-	-	-	-	-	ND (0.035)	ND (0.036)	-	-	-	-	-	-	-
N-Nitrosodi-n-propylamine	NA	ND (0.035)	ND (0.035)	-	-	-	-	-	-	-	ND (0.035)	ND (0.036)	-	-	-	-	-	-	-
N-Nitrosodiphenylamine	NA	ND (0.35)	ND (0.35)	-	-	-	-	-	-	-	ND (0.35)	ND (0.36)	-	-	-	-	-	-	-
Pentachlorophenol	6.7	ND (0.28)	ND (0.29)	-	-	-	-	-	-	-	ND (0.28)	ND (0.29)	-	-	-	-	-	-	-
Phenanthrene	500	ND (0.35)	0.023 J	-	-	-	-	-	-	-	0.29 J	0.038 J	-	-	-	-	-	-	-
Phenol	500	ND (0.35)	ND (0.35)	-	-	-	-	-	-	-	ND (0.35)	ND (0.36)	-	-	-	-	-	-	-
Pyrene	500	0.017 J	0.043 J	-	-	-	-	-	-	-	0.5	0.062 J	-	-	-	-	-	-	-

TABLE 10
SUMMARY OF SOIL QUALITY DATA - BERM 43
FORMER PORT MOBIL TERMINAL
STATEN ISLAND, NEW YORK
FILE NO. 0208998

	Criteria																		
Location Name	NY Part 375	43A	43A	43A1	43A1	43A2	43A2	43A2	43A3	43A3	43B	43B	43B1	43B1	43B1	43B2	43B2	43B3	43B3
Sample Name	Commercial	43A_0-4	43A_4-8	43A1_1-2	43A1_4-5	43A2_2-3	43A2_5-6	43A2_7-8	43A3_3-4	43A3_6-7	43B_0-4	43B_4-8	43B1_1-2	43B1_4-5	43B1_7-8	43B2_2-3	43B2_5-6	43B3_3-4	43B3_6-7
Sample Date	Use	10/01/2025	10/01/2025	10/01/2025	10/01/2025	10/01/2025	10/01/2025	10/01/2025	10/01/2025	10/01/2025	10/01/2025	10/01/2025	10/01/2025	10/01/2025	10/01/2025	10/01/2025	10/01/2025	10/01/2025	10/01/2025
Lab Sample ID	Soil Cleanup	460-336212-3	460-336212-4	460-336212-24	460-336212-27	460-336212-25	460-336212-28	460-336212-30	460-336212-26	460-336212-29	460-336212-5	460-336212-6	460-336212-31	460-336212-34	460-336212-37	460-336212-32	460-336212-35	460-336212-33	460-336212-36
Sample Depth (bgs)	Objectives	0 - 4 (ft)	4 - 8 (ft)	1 - 2 (ft)	4 - 5 (ft)	2 - 3 (ft)	5 - 6 (ft)	7 - 8 (ft)	3 - 4 (ft)	6 - 7 (ft)	0 - 4 (ft)	4 - 8 (ft)	1 - 2 (ft)	4 - 5 (ft)	7 - 8 (ft)	2 - 3 (ft)	5 - 6 (ft)	3 - 4 (ft)	6 - 7 (ft)
PFAS (mg/kg)																			
11-Chloroeicosafluoro-3-Oxaundecane-1-Sulfonic Acid (11Cl-PF3OUdS)	NA	ND (0.00019)	ND (0.0002)	-	-	-	-	-	-	-	ND (0.00019)	ND (0.0002)	-	-	-	-	-	-	-
2H,2H,3H,3H-Perfluorooctanoic acid (5:3 FTCA)	NA	ND (0.00096)	ND (0.00099)	-	-	-	-	-	-	-	ND (0.00096)	ND (0.00098)	-	-	-	-	-	-	-
3-(Perfluoroheptyl)propanoic acid (7:3 FTCA)	NA	ND (0.00096)	ND (0.00099)	-	-	-	-	-	-	-	ND (0.00096)	ND (0.00098)	-	-	-	-	-	-	-
3:3 Fluorotelomer carboxylic acid (3:3 FTCA)	NA	ND (0.00038)	ND (0.0004)	-	-	-	-	-	-	-	ND (0.00038)	ND (0.00039)	-	-	-	-	-	-	-
4,8-Dioxa-3H-Perfluorononanoic Acid (ADONA)	NA	ND (0.00019)	ND (0.0002)	-	-	-	-	-	-	-	ND (0.00019)	ND (0.0002)	-	-	-	-	-	-	-
4:2 Fluorotelomer sulfonic acid (4:2 FTS)	NA	ND (0.00038)	ND (0.0004)	-	-	-	-	-	-	-	ND (0.00038)	ND (0.00039)	-	-	-	-	-	-	-
6:2 Fluorotelomer sulfonic acid (6:2 FTS)	NA	ND (0.00038)	ND (0.0004)	-	-	-	-	-	-	-	ND (0.00038)	ND (0.00039)	-	-	-	-	-	-	-
8:2 Fluorotelomer sulfonic acid (8:2 FTS)	NA	ND (0.00038)	ND (0.0004)	-	-	-	-	-	-	-	0.00063	0.00039	-	-	-	-	-	-	-
9-Chlorohexadecafluoro-3-Oxanone-1-Sulfonic Acid (9Cl-PF3ONS)	NA	ND (0.00019)	ND (0.0002)	-	-	-	-	-	-	-	ND (0.00019)	ND (0.0002)	-	-	-	-	-	-	-
N-Ethyl Perfluorooctanesulfonamidoacetic Acid (NEtFOSAA)	NA	ND (0.00019)	ND (0.0002)	-	-	-	-	-	-	-	ND (0.00019)	ND (0.0002)	-	-	-	-	-	-	-
N-Ethylperfluorooctane sulfonamide (N-EtFOSA)	NA	ND (0.00019)	ND (0.0002)	-	-	-	-	-	-	-	ND (0.00019)	ND (0.0002)	-	-	-	-	-	-	-
N-Ethylperfluorooctane sulfonamidoethanol (N-EtFOSE)	NA	ND (0.00096)	ND (0.00099)	-	-	-	-	-	-	-	ND (0.00096)	ND (0.00098)	-	-	-	-	-	-	-
N-Methyl Perfluorooctanesulfonamidoacetic Acid (NMeFOSAA)	NA	ND (0.00019)	ND (0.0002)	-	-	-	-	-	-	-	ND (0.00019)	ND (0.0002)	-	-	-	-	-	-	-
N-Methylperfluorooctane sulfonamide (N-MeFOSA)	NA	ND (0.00019)	ND (0.0002)	-	-	-	-	-	-	-	ND (0.00019)	ND (0.0002)	-	-	-	-	-	-	-
N-Methylperfluorooctane sulfonamidoethanol (N-MeFOSE)	NA	ND (0.00096)	ND (0.00099)	-	-	-	-	-	-	-	ND (0.00096)	ND (0.00098)	-	-	-	-	-	-	-
Nonafluoro-3,6-dioxaheptanoic acid (NFDHA)	NA	ND (0.00019)	ND (0.0002)	-	-	-	-	-	-	-	ND (0.00019)	ND (0.0002)	-	-	-	-	-	-	-
Perfluoro(2-ethoxyethane) sulphonic acid (PFEESA)	NA	ND (0.00019)	ND (0.0002)	-	-	-	-	-	-	-	ND (0.00019)	ND (0.0002)	-	-	-	-	-	-	-
Perfluoro(4-methoxybutanoic) acid (PFMBA)	NA	ND (0.00019)	ND (0.0002)	-	-	-	-	-	-	-	ND (0.00019)	ND (0.0002)	-	-	-	-	-	-	-
Perfluoro-2-propoxypropanoic acid (PFPrOPrA)(GenX) (HFPO-DA)	NA	ND (0.00019)	ND (0.0002)	-	-	-	-	-	-	-	ND (0.00019)	ND (0.0002)	-	-	-	-	-	-	-
Perfluoro-3-methoxypropanoic acid (PFMPA)	NA	ND (0.00019)	ND (0.0002)	-	-	-	-	-	-	-	ND (0.00019)	ND (0.0002)	-	-	-	-	-	-	-
Perfluorobutanesulfonic acid (PFBS)	NA	ND (0.00019)	ND (0.0002)	-	-	-	-	-	-	-	ND (0.00019)	ND (0.0002)	-	-	-	-	-	-	-
Perfluorobutanoic acid (PFBA)	NA	ND (0.00038)	ND (0.0004)	-	-	-	-	-	-	-	ND (0.00038)	ND (0.00039)	-	-	-	-	-	-	-
Perfluorodecanesulfonic acid (PFDS)	NA	ND (0.00019)	ND (0.0002)	-	-	-	-	-	-	-	ND (0.00019)	ND (0.0002)	-	-	-	-	-	-	-
Perfluorodecanoic acid (PFDA)	NA	0.00014 J	0.0001 J	-	-	-	-	-	-	-	0.00035	0.00017 J	-	-	-	-	-	-	-
Perfluorododecane sulfonic acid (PFDoDS)	NA	ND (0.00019)	ND (0.0002)	-	-	-	-	-	-	-	ND (0.00019)	ND (0.0002)	-	-	-	-	-	-	-
Perfluorododecanoic acid (PFDoDA)	NA	ND (0.00019)	ND (0.0002)	-	-	-	-	-	-	-	0.0002	0.00014 J	-	-	-	-	-	-	-
Perfluoroheptanesulfonic acid (PFHpS)	NA	ND (0.00019)	ND (0.0002)	-	-	-	-	-	-	-	ND (0.00019)	ND (0.0002)	-	-	-	-	-	-	-
Perfluoroheptanoic acid (PFHpA)	NA	0.00019	0.00023	-	-	-	-	-	-	-	0.0008	0.00061	-	-	-	-	-	-	-
Perfluorohexanesulfonic acid (PFHxS)	NA	ND (0.00019)	ND (0.0002)	-	-	-	-	-	-	-	ND (0.00019)	ND (0.0002)	-	-	-	-	-	-	-
Perfluorohexanoic acid (PFHxA)	NA	0.00012 J	ND (0.0002)	-	-	-	-	-	-	-	0.00025	0.00027	-	-	-	-	-	-	-
Perfluorononane sulfonic acid (PFNS)	NA	ND (0.00019)	ND (0.0002)	-	-	-	-	-	-	-	ND (0.00019)	ND (0.0002)	-	-	-	-	-	-	-
Perfluorononanoic acid (PFNA)	NA	0.00049	0.00021	-	-	-	-	-	-	-	0.00138	0.00221	-	-	-	-	-	-	-
Perfluorooctane sulfonamide (PFOSA)	NA	ND (0.00019)	ND (0.0002)	-	-	-	-	-	-	-	ND (0.00019)	ND (0.0002)	-	-	-	-	-	-	-
Perfluorooctanesulfonic acid (PFOS)	0.44	ND (0.00019)	ND (0.0002)	-	-	-	-	-	-	-	0.00032	0.00025	-	-	-	-	-	-	-
Perfluorooctanoic acid (PFOA)	0.5	0.00043	0.00018 J	-	-	-	-	-	-	-	0.00058	0.00032	-	-	-	-	-	-	-
Perfluoropentanesulfonic acid (PFPeS)	NA	ND (0.00019)	ND (0.0002)	-	-	-	-	-	-	-	ND (0.00019)	ND (0.0002)	-	-	-	-	-	-	-
Perfluoropentanoic acid (PFPeA)	NA	0.0001 J	ND (0.0002)	-	-	-	-	-	-	-	0.00027	0.00022	-	-	-	-	-	-	-
Perfluorotetradecanoic acid (PFTeDA)	NA	ND (0.00019)	ND (0.0002)	-	-	-	-	-	-	-	ND (0.00019)	ND (0.0002)	-	-	-	-	-	-	-
Perfluorotridecanoic acid (PFTrDA)	NA	0.00012 J	0.00093	-	-	-	-	-	-	-	0.00241	0.00159	-	-	-	-	-	-	-
Perfluoroundecanoic acid (PFUnDA)	NA	0.0005	0.00123	-	-	-	-	-	-	-	0.00345	0.00255	-	-	-	-	-	-	-
Pesticides (mg/kg)																			
4,4'-DDD	92	ND (0.0071)	ND (0.0072)	-	-	-	-	-	-	-	ND (0.0072)	ND (0.0072)	-	-	-	-	-	-	-
4,4'-DDE	62	ND (0.0071)	ND (0.0072)	-	-	-	-	-	-	-	ND (0.0072)	ND (0.0072)	-	-	-	-	-	-	-
4,4'-DDT	47	ND (0.0071)	ND (0.0072)	-	-	-	-	-	-	-	ND (0.0072)	ND (0.0072)	-	-	-	-	-	-	-
Aldrin	0.68	ND (0.0071)	ND (0.0072)	-	-	-	-	-	-	-	ND (0.0072)	ND (0.0072)	-	-	-	-	-	-	-
alpha-BHC	3.4	ND (0.0021)	ND (0.0021)	-	-	-	-	-	-	-	ND (0.0021)	ND (0.0022)	-	-	-	-	-	-	-
alpha-Chlordane (cis)	24	ND (0.0071)	ND (0.0072)	-	-	-	-	-	-	-	ND (0.0072)	ND (0.0072)	-	-	-	-	-	-	-
beta-BHC	3	ND (0.0021)	ND (0.0021)	-	-	-	-	-	-	-	ND (0.0021)	ND (0.0022)	-	-	-	-	-	-	-
Chlordane	NA	ND (0.071)	ND (0.072)	-	-	-	-	-	-	-	ND (0.072)	ND (0.072)	-	-	-	-	-	-	-
delta-BHC	500	ND (0.0021)	ND (0.0021)	-	-	-	-	-	-	-	ND (0.0021)	ND (0.0022)	-	-	-	-	-	-	-
Dieldrin	1.4	ND (0.0021)	ND (0.0021)	-	-	-	-	-	-	-	ND (0.0021)	ND (0.0022)	-	-	-	-	-	-	-
Endosulfan I	200	ND (0.0071)	ND (0.0072)	-	-	-	-	-	-	-	ND (0.0072)	ND (0.0072)	-	-	-	-	-	-	-
Endosulfan II	200	ND (0.0071)	ND (0.0072)	-	-	-	-	-	-	-	ND (0.0072)	ND (0.0072)	-	-	-	-	-	-	-
Endosulfan sulfate	200	ND (0.0071)	ND (0.0072)	-	-	-	-	-	-	-	ND (0.0072)	ND (0.0072)	-	-	-	-	-	-	-
Endrin	89	ND (0.0071)	ND (0.0072)	-	-	-	-	-	-	-	ND (0.0072)	ND (0.0072)	-	-	-	-	-	-	-
Endrin aldehyde	NA	ND (0.0071)	ND (0.0072)	-	-	-	-	-	-	-	ND (0.0072)	ND (0.0072)	-	-	-	-	-	-	-
Endrin ketone	NA	ND (0.0071)	ND (0.0072)	-	-	-	-	-	-	-	ND (0.0072)	ND (0.0072)	-	-	-	-	-	-	-
gamma-BHC (Lindane)	9.2	ND (0.0021)	ND (0.0021)	-	-	-	-	-	-	-	ND (0.0021)	ND (0.0022)	-	-	-	-	-	-	-
Heptachlor	15	ND (0.0071)	ND (0.0072)	-	-	-	-	-	-	-	ND (0.0072)	ND (0.0072)	-	-	-	-	-	-	-
Heptachlor epoxide	NA	ND (0.0071)	ND (0.0072)	-	-	-	-	-	-	-	ND (0.0072)	ND (0.0072)	-	-	-	-	-	-	-
Methoxychlor	NA	ND (0.0071)	ND (0.0072)	-	-	-	-	-	-	-	ND (0.0072)	ND (0.0072)	-	-	-	-	-	-	-
Toxaphene	NA	ND (0.071)	ND (0.072)	-	-	-	-	-	-	-	ND (0.072)	ND (0.072)	-	-	-	-	-	-	-

TABLE 10
SUMMARY OF SOIL QUALITY DATA - BERM 43
FORMER PORT MOBIL TERMINAL
STATEN ISLAND, NEW YORK
FILE NO. 0208998

	Criteria																		
Location Name	NY Part 375	43A	43A	43A1	43A1	43A2	43A2	43A2	43A3	43A3	43B	43B	43B1	43B1	43B1	43B2	43B2	43B3	43B3
Sample Name	Commercial	43A_0-4	43A_4-8	43A1_1-2	43A1_4-5	43A2_2-3	43A2_5-6	43A2_7-8	43A3_3-4	43A3_6-7	43B_0-4	43B_4-8	43B1_1-2	43B1_4-5	43B1_7-8	43B2_2-3	43B2_5-6	43B3_3-4	43B3_6-7
Sample Date	Use	10/01/2025	10/01/2025	10/01/2025	10/01/2025	10/01/2025	10/01/2025	10/01/2025	10/01/2025	10/01/2025	10/01/2025	10/01/2025	10/01/2025	10/01/2025	10/01/2025	10/01/2025	10/01/2025	10/01/2025	10/01/2025
Lab Sample ID	Soil Cleanup	460-336212-3	460-336212-4	460-336212-24	460-336212-27	460-336212-25	460-336212-28	460-336212-30	460-336212-26	460-336212-29	460-336212-5	460-336212-6	460-336212-31	460-336212-34	460-336212-37	460-336212-32	460-336212-35	460-336212-33	460-336212-36
Sample Depth (bgs)	Objectives	0 - 4 (ft)	4 - 8 (ft)	1 - 2 (ft)	4 - 5 (ft)	2 - 3 (ft)	5 - 6 (ft)	7 - 8 (ft)	3 - 4 (ft)	6 - 7 (ft)	0 - 4 (ft)	4 - 8 (ft)	1 - 2 (ft)	4 - 5 (ft)	7 - 8 (ft)	2 - 3 (ft)	5 - 6 (ft)	3 - 4 (ft)	6 - 7 (ft)
Polychlorinated Biphenyls (mg/kg)																			
Aroclor-1016 (PCB-1016)	NA	ND (0.071)	ND (0.072)	-	-	-	-	-	-	-	ND (0.072)	ND (0.072)	-	-	-	-	-	-	-
Aroclor-1221 (PCB-1221)	NA	ND (0.071)	ND (0.072)	-	-	-	-	-	-	-	ND (0.072)	ND (0.072)	-	-	-	-	-	-	-
Aroclor-1232 (PCB-1232)	NA	ND (0.071)	ND (0.072)	-	-	-	-	-	-	-	ND (0.072)	ND (0.072)	-	-	-	-	-	-	-
Aroclor-1242 (PCB-1242)	NA	ND (0.071)	ND (0.072)	-	-	-	-	-	-	-	ND (0.072)	ND (0.072)	-	-	-	-	-	-	-
Aroclor-1248 (PCB-1248)	NA	ND (0.071)	ND (0.072)	-	-	-	-	-	-	-	ND (0.072)	ND (0.072)	-	-	-	-	-	-	-
Aroclor-1254 (PCB-1254)	NA	ND (0.071)	ND (0.072)	-	-	-	-	-	-	-	ND (0.072)	ND (0.072)	-	-	-	-	-	-	-
Aroclor-1260 (PCB-1260)	NA	ND (0.071)	ND (0.072)	-	-	-	-	-	-	-	ND (0.072)	ND (0.072)	-	-	-	-	-	-	-
Aroclor-1262 (PCB-1262)	NA	ND (0.071)	ND (0.072)	-	-	-	-	-	-	-	ND (0.072)	ND (0.072)	-	-	-	-	-	-	-
Aroclor-1268 (PCB-1268)	NA	ND (0.071)	ND (0.072)	-	-	-	-	-	-	-	ND (0.072)	ND (0.072)	-	-	-	-	-	-	-
Total PCBs	1	ND (0.071)	ND (0.072)	-	-	-	-	-	-	-	ND (0.072)	ND (0.072)	-	-	-	-	-	-	-
Inorganic Compounds (mg/kg)																			
Aluminum	NA	5350	5130	-	-	-	-	-	-	-	6510	5980	-	-	-	-	-	-	-
Antimony	NA	0.96 J	0.77 J	-	-	-	-	-	-	-	1.1	1.1	-	-	-	-	-	-	-
Arsenic	16	7.4	6.9	-	-	-	-	-	-	-	6.1	8.7	-	-	-	-	-	-	-
Barium	400	135	36.7	-	-	-	-	-	-	-	57.4	51.6	-	-	-	-	-	-	-
Beryllium	590	0.59	0.75	-	-	-	-	-	-	-	2.4	1.1	-	-	-	-	-	-	-
Cadmium	9.3	0.2 J	0.24 J	-	-	-	-	-	-	-	0.34 J	0.3 J	-	-	-	-	-	-	-
Calcium	NA	404	1180	-	-	-	-	-	-	-	1300	1150	-	-	-	-	-	-	-
Chromium	NA	19.3	17.6	-	-	-	-	-	-	-	32.4	23.2	-	-	-	-	-	-	-
Cobalt	NA	6	7.7	-	-	-	-	-	-	-	32.1	8.9	-	-	-	-	-	-	-
Copper	270	45.1	64.9	-	-	-	-	-	-	-	281	86.6	-	-	-	-	-	-	-
Iron	NA	15000	17500	-	-	-	-	-	-	-	24500	22600	-	-	-	-	-	-	-
Lead	1000	226	132	-	-	-	-	-	-	-	287	138	-	-	-	-	-	-	-
Magnesium	NA	1220	1670	-	-	-	-	-	-	-	1760	1680	-	-	-	-	-	-	-
Manganese	10000	223	218	-	-	-	-	-	-	-	332	184	-	-	-	-	-	-	-
Mercury	2.8	0.04	0.044	-	-	-	-	-	-	-	0.055	0.07	-	-	-	-	-	-	-
Nickel	310	19.7	34.3	-	-	-	-	-	-	-	174	40.4	-	-	-	-	-	-	-
Potassium	NA	653	678	-	-	-	-	-	-	-	804	824	-	-	-	-	-	-	-
Selenium	1500	0.35 J	0.31 J	-	-	-	-	-	-	-	0.85 J	0.5 J	-	-	-	-	-	-	-
Silver	1500	0.25 J	0.22 J	-	-	-	-	-	-	-	0.27 J	0.26 J	-	-	-	-	-	-	-
Sodium	NA	46.3 J	77 J	-	-	-	-	-	-	-	108	93.4 J	-	-	-	-	-	-	-
Thallium	NA	0.062 J	0.075 J	-	-	-	-	-	-	-	0.094 J	0.08 J	-	-	-	-	-	-	-
Vanadium	NA	17.9	21.5	-	-	-	-	-	-	-	23.8	22.9	-	-	-	-	-	-	-
Zinc	10000	90.3	163	-	-	-	-	-	-	-	802	209	-	-	-	-	-	-	-

ABBREVIATIONS AND NOTES:

mg/kg: milligram per kilogram

**: LCS or LCSD is outside acceptance limits.*
-: Not Analyzed
B: Compound was found in the blank and the associated sample.
bgs: below ground surface
ft: feet
J: Value is estimated.
NA: Not Applicable
ND (2.5): Not detected, number in parentheses is the laboratory reporting limit

- For test methods used, see the laboratory data sheets.
- Soil analytical results are compared to the New York State Department of Environmental Conservation (NYSDEC) Title 6 of the Official Compilation of New York Codes, Rules, and Regulations (NYCRR) Part 375 Commercial Use Soil Cleanup Objectives (SCO).
- Grey shading indicates an exceedance of the Commercial Use Soil Cleanup Objectives.

TABLE 11
SUMMARY OF SOIL QUALITY DATA - BERM 44
FORMER PORT MOBIL TERMINAL
STATEN ISLAND, NEW YORK
FILE NO. 0208998

	Criteria																		
Location Name	NY Part 375	44A	44A	44A1	44A1	44A1	44A2	44A2	44A3	44A3	44B	44B	44B1	44B1	44B1	44B2	44B2	44B3	44B3
Sample Name	Commercial	44A_0-4	44A_4-8	44A1_1-2	44A1_4-5	44A1_7-8	44A2_2-3	44A2_5-6	44A3_3-4	44A3_6-7	44B_0-4	44B_4-8	44B1_1-2	44B1_4-5	44B1_7-8	44B2_2-3	44B2_5-6	44B3_3-4	44B3_6-7
Sample Date	Use	10/07/2025	10/07/2025	10/07/2025	10/07/2025	10/07/2025	10/07/2025	10/07/2025	10/07/2025	10/07/2025	10/07/2025	10/07/2025	10/07/2025	10/07/2025	10/07/2025	10/07/2025	10/07/2025	10/07/2025	10/07/2025
Lab Sample ID	Soil Cleanup	460-336648-1	460-336648-2	460-336648-23	460-336648-26	460-336648-29	460-336648-24	460-336648-27	460-336648-25	460-336648-28	460-336648-3	460-336648-4	460-336648-30	460-336648-33	460-336648-36	460-336648-31	460-336648-34	460-336648-32	460-336648-35
Sample Depth (bgs)	Objectives	0 - 4 (ft)	4 - 8 (ft)	1 - 2 (ft)	4 - 5 (ft)	7 - 8 (ft)	2 - 3 (ft)	5 - 6 (ft)	3 - 4 (ft)	6 - 7 (ft)	0 - 4 (ft)	4 - 8 (ft)	1 - 2 (ft)	4 - 5 (ft)	7 - 8 (ft)	2 - 3 (ft)	5 - 6 (ft)	3 - 4 (ft)	6 - 7 (ft)
Volatile Organic Compounds (mg/kg)																			
1,1,1-Trichloroethane	500	-	-	ND (0.001)	ND (0.0012)	ND (0.0011)	ND (0.0011)	ND (0.0011)	ND (0.00092)	ND (0.0012)	-	-	ND (0.0012)	ND (0.001)	ND (0.00081)	ND (0.001)	ND (0.0011)	ND (0.0012)	ND (0.001)
1,1,2,2-Tetrachloroethane	NA	-	-	ND (0.001)	ND (0.0012)	ND (0.0011)	ND (0.0011)	ND (0.0011)	ND (0.00092)	ND (0.0012)	-	-	ND (0.0012)	ND (0.001)	ND (0.00081)	ND (0.001)	ND (0.0011)	ND (0.0012)	ND (0.001)
1,1,2-Trichloroethane	NA	-	-	ND (0.001)	ND (0.0012)	ND (0.0011)	ND (0.0011)	ND (0.0011)	ND (0.00092)	ND (0.0012)	-	-	ND (0.0012)	ND (0.001)	ND (0.00081)	ND (0.001)	ND (0.0011)	ND (0.0012)	ND (0.001)
1,1-Dichloroethane	240	-	-	ND (0.001)	ND (0.0012)	ND (0.0011)	ND (0.0011)	ND (0.0011)	ND (0.00092)	ND (0.0012)	-	-	ND (0.0012)	ND (0.001)	ND (0.00081)	ND (0.001)	ND (0.0011)	ND (0.0012)	ND (0.001)
1,1-Dichloroethene	500	-	-	ND (0.001)	ND (0.0012)	ND (0.0011)	ND (0.0011)	ND (0.0011)	ND (0.00092)	ND (0.0012)	-	-	ND (0.0012)	ND (0.001)	ND (0.00081)	ND (0.001)	ND (0.0011)	ND (0.0012)	ND (0.001)
1,2,3-Trichlorobenzene	NA	-	-	ND (0.001)	ND (0.0012)	ND (0.0011)	ND (0.0011)	ND (0.0011)	ND (0.00092)	ND (0.0012)	-	-	ND (0.0012)	ND (0.001)	ND (0.00081)	ND (0.001)	ND (0.0011)	ND (0.0012)	ND (0.001)
1,2,4-Trichlorobenzene	NA	-	-	ND (0.001)	ND (0.0012)	ND (0.0011)	ND (0.0011)	ND (0.0011)	ND (0.00092)	ND (0.0012)	-	-	ND (0.0012)	ND (0.001)	ND (0.00081)	ND (0.001)	ND (0.0011)	ND (0.0012)	ND (0.001)
1,2,4-Trimethylbenzene	190	-	-	ND (0.001)	ND (0.0012)	ND (0.0011)	ND (0.0011)	ND (0.0011)	ND (0.00092)	ND (0.0012)	-	-	ND (0.0012)	ND (0.001)	ND (0.00081)	ND (0.001)	ND (0.0011)	ND (0.0012)	ND (0.001)
1,2-Dibromo-3-chloropropane (DBCP)	NA	-	-	ND (0.001)	ND (0.0012)	ND (0.0011)	ND (0.0011)	ND (0.0011)	ND (0.00092)	ND (0.0012)	-	-	ND (0.0012)	ND (0.001)	ND (0.00081)	ND (0.001)	ND (0.0011)	ND (0.0012)	ND (0.001)
1,2-Dibromoethane (Ethylene Dibromide)	NA	-	-	ND (0.001)	ND (0.0012)	ND (0.0011)	ND (0.0011)	ND (0.0011)	ND (0.00092)	ND (0.0012)	-	-	ND (0.0012)	ND (0.001)	ND (0.00081)	ND (0.001)	ND (0.0011)	ND (0.0012)	ND (0.001)
1,2-Dichlorobenzene	500	-	-	ND (0.001)	ND (0.0012)	ND (0.0011)	ND (0.0011)	ND (0.0011)	ND (0.00092)	ND (0.0012)	-	-	ND (0.0012)	ND (0.001)	ND (0.00081)	ND (0.001)	ND (0.0011)	ND (0.0012)	ND (0.001)
1,2-Dichloroethane	30	-	-	ND (0.001)	ND (0.0012)	ND (0.0011)	ND (0.0011)	ND (0.0011)	ND (0.00092)	ND (0.0012)	-	-	ND (0.0012)	ND (0.001)	ND (0.00081)	ND (0.001)	ND (0.0011)	ND (0.0012)	ND (0.001)
1,2-Dichloropropane	NA	-	-	ND (0.001)	ND (0.0012)	ND (0.0011)	ND (0.0011)	ND (0.0011)	ND (0.00092)	ND (0.0012)	-	-	ND (0.0012)	ND (0.001)	ND (0.00081)	ND (0.001)	ND (0.0011)	ND (0.0012)	ND (0.001)
1,3,5-Trimethylbenzene	190	-	-	ND (0.001)	ND (0.0012)	ND (0.0011)	ND (0.0011)	ND (0.0011)	ND (0.00092)	ND (0.0012)	-	-	ND (0.0012)	ND (0.001)	ND (0.00081)	ND (0.001)	ND (0.0011)	ND (0.0012)	ND (0.001)
1,3-Dichlorobenzene	280	-	-	ND (0.001)	ND (0.0012)	ND (0.0011)	ND (0.0011)	ND (0.0011)	ND (0.00092)	ND (0.0012)	-	-	ND (0.0012)	ND (0.001)	ND (0.00081)	ND (0.001)	ND (0.0011)	ND (0.0012)	ND (0.001)
1,4-Dichlorobenzene	130	-	-	ND (0.001)	ND (0.0012)	ND (0.0011)	ND (0.0011)	ND (0.0011)	ND (0.00092)	ND (0.0012)	-	-	ND (0.0012)	ND (0.001)	ND (0.00081)	ND (0.001)	ND (0.0011)	ND (0.0012)	ND (0.001)
2-Butanone (Methyl Ethyl Ketone)	500	-	-	ND (0.0052)	ND (0.0059)	ND (0.0056)	ND (0.0054)	ND (0.0053)	ND (0.0046)	ND (0.0058)	-	-	ND (0.0059)	ND (0.0052)	ND (0.0041)	ND (0.005)	ND (0.0055)	ND (0.006)	ND (0.0052)
2-Hexanone (Methyl Butyl Ketone)	NA	-	-	ND (0.0052)	ND (0.0059)	ND (0.0056)	ND (0.0054)	ND (0.0053)	ND (0.0046)	ND (0.0058)	-	-	ND (0.0059)	ND (0.0052)	ND (0.0041)	ND (0.005)	ND (0.0055)	ND (0.006)	ND (0.0052)
2-Phenylbutane (sec-Butylbenzene)	500	-	-	ND (0.001)	ND (0.0012)	ND (0.0011)	ND (0.0011)	ND (0.0011)	ND (0.00092)	ND (0.0012)	-	-	ND (0.0012)	ND (0.001)	ND (0.00081)	ND (0.001)	ND (0.0011)	ND (0.0012)	ND (0.001)
4-Methyl-2-Pentanone (Methyl Isobutyl Ketone)	NA	-	-	ND (0.0052) *	ND (0.0059) *	ND (0.0056) *	ND (0.0054) *	ND (0.0053) *	ND (0.0046) *	ND (0.0058) *	-	-	ND (0.0059) *	ND (0.0052) *	ND (0.0041) *	ND (0.005) *	ND (0.0055) *	ND (0.006) *	ND (0.0052) *
Acetone	500	-	-	ND (0.0062)	0.015	ND (0.0067)	ND (0.0065)	ND (0.0063)	ND (0.0055)	ND (0.007)	-	-	0.0076	ND (0.0062)	0.006	ND (0.0061)	0.013	ND (0.0072)	ND (0.0062)
Benzene	44	-	-	ND (0.001)	ND (0.0012)	ND (0.0011)	ND (0.0011)	ND (0.0011)	ND (0.00092)	ND (0.0012)	-	-	ND (0.0012)	ND (0.001)	ND (0.00081)	ND (0.001)	ND (0.0011)	ND (0.0012)	ND (0.001)
Bromodichloromethane	NA	-	-	ND (0.001)	ND (0.0012)	ND (0.0011)	ND (0.0011)	ND (0.0011)	ND (0.00092)	ND (0.0012)	-	-	ND (0.0012)	ND (0.001)	ND (0.00081)	ND (0.001)	ND (0.0011)	ND (0.0012)	ND (0.001)
Bromoform	NA	-	-	ND (0.001)	ND (0.0012)	ND (0.0011)	ND (0.0011)	ND (0.0011)	ND (0.00092)	ND (0.0012)	-	-	ND (0.0012)	ND (0.001)	ND (0.00081)	ND (0.001)	ND (0.0011)	ND (0.0012)	ND (0.001)
Bromomethane (Methyl Bromide)	NA	-	-	ND (0.0021)	ND (0.0023)	ND (0.0022)	ND (0.0022)	ND (0.0021)	ND (0.0018)	ND (0.0023)	-	-	ND (0.0024)	ND (0.0021)	ND (0.0016)	ND (0.002)	ND (0.0022)	ND (0.0024)	ND (0.0021)
Carbon disulfide	NA	-	-	ND (0.001)	ND (0.0012)	ND (0.0011)	ND (0.0011)	ND (0.0011)	ND (0.00092)	ND (0.0012)	-	-	ND (0.0012)	ND (0.001)	ND (0.00081)	ND (0.001)	ND (0.0011)	ND (0.0012)	ND (0.001)
Carbon tetrachloride	22	-	-	ND (0.001)	ND (0.0012)	ND (0.0011)	ND (0.0011)	ND (0.0011)	ND (0.00092)	ND (0.0012)	-	-	ND (0.0012)	ND (0.001)	ND (0.00081)	ND (0.001)	ND (0.0011)	ND (0.0012)	ND (0.001)
Chlorobenzene	500	-	-	ND (0.001)	ND (0.0012)	ND (0.0011)	ND (0.0011)	ND (0.0011)	ND (0.00092)	ND (0.0012)	-	-	ND (0.0012)	ND (0.001)	ND (0.00081)	ND (0.001)	ND (0.0011)	ND (0.0012)	ND (0.001)
Chlorobromomethane	NA	-	-	ND (0.001)	ND (0.0012)	ND (0.0011)	ND (0.0011)	ND (0.0011)	ND (0.00092)	ND (0.0012)	-	-	ND (0.0012)	ND (0.001)	ND (0.00081)	ND (0.001)	ND (0.0011)	ND (0.0012)	ND (0.001)
Chloroethane	NA	-	-	ND (0.001)	ND (0.0012)	ND (0.0011)	ND (0.0011)	ND (0.0011)	ND (0.00092)	ND (0.0012)	-	-	ND (0.0012)	ND (0.001)	ND (0.00081)	ND (0.001)	ND (0.0011)	ND (0.0012)	ND (0.001)
Chloroform (Trichloromethane)	350	-	-	ND (0.001)	ND (0.0012)	ND (0.0011)	ND (0.0011)	ND (0.0011)	ND (0.00092)	ND (0.0012)	-	-	ND (0.0012)	ND (0.001)	ND (0.00081)	ND (0.001)	ND (0.0011)	ND (0.0012)	ND (0.001)
Chloromethane (Methyl Chloride)	NA	-	-	ND (0.001)	ND (0.0012)	ND (0.0011)	ND (0.0011)	ND (0.0011)	ND (0.00092)	ND (0.0012)	-	-	ND (0.0012)	ND (0.001)	ND (0.00081)	ND (0.001)	ND (0.0011)	ND (0.0012)	ND (0.001)
cis-1,2-Dichloroethene	500	-	-	ND (0.001)	ND (0.0012)	ND (0.0011)	ND (0.0011)	ND (0.0011)	ND (0.00092)	ND (0.0012)	-	-	ND (0.0012)	ND (0.001)	ND (0.00081)	ND (0.001)	ND (0.0011)	ND (0.0012)	ND (0.001)
cis-1,3-Dichloropropene	NA	-	-	ND (0.001)	ND (0.0012)	ND (0.0011)	ND (0.0011)	ND (0.0011)	ND (0.00092)	ND (0.0012)	-	-	ND (0.0012)	ND (0.001)	ND (0.00081)	ND (0.001)	ND (0.0011)	ND (0.0012)	ND (0.001)
Cyclohexane	NA	-	-	ND (0.001)	ND (0.0012)	ND (0.0011)	ND (0.0011)	ND (0.0011)	ND (0.00092)	ND (0.0012)	-	-	ND (0.0012)	ND (0.001)	ND (0.00081)	ND (0.001)	ND (0.0011)	ND (0.0012)	ND (0.001)
Dibromochloromethane	NA	-	-	ND (0.001)	ND (0.0012)	ND (0.0011)	ND (0.0011)	ND (0.0011)	ND (0.00092)	ND (0.0012)	-	-	ND (0.0012)	ND (0.001)	ND (0.00081)	ND (0.001)	ND (0.0011)	ND (0.0012)	ND (0.001)
Dichlorodifluoromethane (CFC-12)	NA	-	-	ND (0.001)	ND (0.0012)	ND (0.0011)	ND (0.0011)	ND (0.0011)	ND (0.00092)	ND (0.0012)	-	-	ND (0.0012)	ND (0.001)	ND (0.00081)	ND (0.001)	ND (0.0011)	ND (0.0012)	ND (0.001)
Ethylbenzene	390	-	-	ND (0.001)	ND (0.0012)	ND (0.0011)	ND (0.0011)	ND (0.0011)	ND (0.00092)	ND (0.0012)	-	-	ND (0.0012)	ND (0.001)	ND (0.00081)	ND (0.001)	ND (0.0011)	ND (0.0012)	ND (0.001)
Isopropylbenzene (Cumene)	NA	-	-	ND (0.001)	ND (0.0012)	ND (0.0011)	ND (0.0011)	ND (0.0011)	ND (0.00092)	ND (0.0012)	-	-	ND (0.0012)	ND (0.001)	ND (0.00081)	ND (0.001)	ND (0.0011)	ND (0.0012)	ND (0.001)
m,p-Xylenes	NA	-	-	ND (0.001)	ND (0.0012)	ND (0.0011)	ND (0.0011)	ND (0.0011)	ND (0.00092)	ND (0.0012)	-	-	ND (0.0012)	ND (0.001)	ND (0.00081)	ND (0.001)	ND (0.0011)	ND (0.0012)	ND (0.001)
Methyl acetate	NA	-	-	ND (0.0052)	ND (0.0059)	ND (0.0056)	ND (0.0054)	ND (0.0053)	ND (0.0046)	ND (0.0058)	-	-	ND (0.0059)	ND (0.0052)	ND (0.0041)	ND (0.005)	ND (0.0055)	ND (0.006)	ND (0.0052)
Methyl Tert Butyl Ether (MTBE)	500	-	-	ND (0.001)	ND (0.0012)	ND (0.0011)	ND (0.0011)	ND (0.0011)	ND (0.00092)	ND (0.0012)	-	-	ND (0.0012)	ND (0.001)	ND (0.00081)	ND (0.001)	ND (0.0011)	ND (0.0012)	ND (0.001)
Methylcyclohexane	NA	-	-	ND (0.001)	ND (0.0012)	ND (0.0011)	ND (0.0011)	ND (0.0011)	ND (0.00092)	ND (0.0012)	-	-	ND (0.0012)	ND (0.001)	ND (0.00081)	ND (0.001)	ND (0.0011)	ND (0.0012)	ND (0.001)
Methylene chloride (Dichloromethane)	500	-	-	ND (0.0021)	ND (0.0023)	ND (0.0022)	ND (0.0022)	ND (0.0021)	ND (0.0018)	ND (0.0023)	-	-	ND (0.0024)	ND (0.0021)	0.00093 J	ND (0.002)	ND (0.0022)	ND (0.0024)	ND (0.0021)
n-Butylbenzene	500	-	-	ND (0.001)	ND (0.0012)	ND (0.0011)	ND (0.0011)	ND (0.0011)	ND (0.00092)	ND (0.0012)	-	-	ND (0.0012)	ND (0.001)	ND (0.00081)	ND (0.001)	ND (0.0011)	ND (0.0012)	ND (0.001)
n-Propylbenzene	500	-	-	ND (0.001)	ND (0.0012)	ND (0.0011)	ND (0.0011)	ND (0.0011)	ND (0.00092)	ND (0.0012)	-	-	ND (0.0012)	ND (0.001)	ND (0.00081)	ND (0.001)	ND (0.0011)	ND (0.0012)	ND (0.001)
o-Xylene	NA	-	-	ND (0.001)	ND (0.0012)	ND (0.0011)	ND (0.0011)	ND (0.0011)	ND (0.00092)	ND (0.0012)	-	-	ND (0.0012)	ND (0.001)	ND (0.00081)	ND (0.001)	ND (0.0011)	ND (0.0012)	ND (0.001)
Styrene	NA	-	-	ND (0.001)	ND (0.0012)	ND (0.0011)	ND (0.0011)	ND (0.0011)	ND (0.00092)	ND (0.0012)	-	-	ND (0.0012)	ND (0.001)	ND (0.00081)	ND (0.001)	ND (0.0011)	ND (0.0012)	ND (0.001)
tert-Butylbenzene	500	-	-	ND (0.001)	ND (0.0012)	ND (0.0011)	ND (0.0011)	ND (0.0011)	ND (0.00092)	ND (0.0012)	-	-	ND (0.0012)	ND (0.001)	ND (0.00081)	ND (0.001)	ND (0.0011)	ND (0.0012)	ND (0.001)
Tetrachloroethene	150	-	-	ND (0.001)	ND (0.0012)	ND (0.0011)	ND (0.0011)	ND (0.0011)	ND (0.00092)	ND (0.0012)	-	-	ND (0.0012)	ND (0.001)	ND (0.00081)	ND (0.001)	ND (0.0011)	ND (0.0012)	ND (0.001)
Toluene	500	-	-	ND (0.001)	ND (0.0012)	ND (0.0011)	0.00042 J	0.0005 J	ND (0.00092)	ND (0.0012)	-	-	0.00059 J	ND (0.001)	ND (0.00081)	0.00043 J	0.00054 J	0.00053 J	0.0005 J
trans-1,2-Dichloroethene	500	-	-	ND (0.001)	ND (0.0012)	ND (0.0011)	ND (0.0011)	ND (0.0011)	ND (0.00092)	ND (0.0012)	-	-	ND (0.0012)	ND (0.001)	ND (0.00081)	ND (0.001)	ND (0.0011)	ND (0.0012)	ND (0.001)
trans-1,3-Dichloropropene	NA	-	-	ND (0.001)	ND (0.0012)	ND (0.0011)	ND (0.0011)	ND (0.0011)	ND (0.00092)	ND (0.0012)	-	-	ND (0.0012)	ND (0.001)	ND (0.00081)	ND (0.001)	ND (0.0011)	ND (0.0012)	ND (0.001)
Trichloroethene	200	-	-	ND (0.001)	ND (0.0012)	ND (0.0011)	ND (0.0011)	ND (0.0011)	ND (0.00092)	ND (0.0012)	-	-	ND (0.0012)	ND (0.001)	ND (0.00081)	ND (0.001)	ND (0.0011)	ND (0.0012)	ND (0.001)
Trichlorofluoromethane (CFC-11)	NA	-	-	ND (0.001)	ND (0.0012)	ND (0.0011)	ND (0.0011)	ND (0.0011)	ND (0.00092)	ND (0.0012)	-	-	ND (0.0012)	ND (0.001)	ND (0.00081)	ND (0.001)	ND (0.0011)	ND (0.0012)	ND (0.001)
Trifluorotrichloroethane (Freon 113)	NA	-	-	ND (0.001)	ND (0.0012)	ND (0.0011)	ND (0.0011)	ND (0.0011)	ND (0.00092)	ND (0.0012)	-	-	ND (0.0012)	ND (0.001)	ND (0.00081)	ND (0.001)	ND (0.0011)	ND (0.0012)	ND (0.001)
Vinyl chloride	13	-	-	ND (0.001)	ND (0.0012)	ND (0.0011)	ND (0.0011)	ND (0.0011)	ND (0.00092)	ND (0.0012)	-	-	ND (0.0012)	ND (0.001)	ND (0.00081)	ND (0.001)	ND (0.0011)	ND (0.0012)	ND (0.001)
Xylene (Total)	500	-	-	ND (0.0021)	ND (0.0023)	ND (0.0022)	ND (0.0022)	ND (0.0021)	ND (0.0018)	ND (0.0023)	-	-	ND (0.0024)	ND (0.0021)	ND (0.0016)	ND (0.002)	ND (0.0022)	ND (0.0024)	ND (0.0021)

TABLE 11
SUMMARY OF SOIL QUALITY DATA - BERM 44
FORMER PORT MOBIL TERMINAL
STATEN ISLAND, NEW YORK
FILE NO. 0208998

Location Name	Criteria	44A	44A	44A1	44A1	44A1	44A2	44A2	44A3	44A3	44B	44B	44B1	44B1	44B1	44B2	44B2	44B3	44B3
Sample Name	NY Part 375 Commercial Use Soil Cleanup Objectives	44A_0-4	44A_4-8	44A1_1-2	44A1_4-5	44A1_7-8	44A2_2-3	44A2_5-6	44A3_3-4	44A3_6-7	44B_0-4	44B_4-8	44B1_1-2	44B1_4-5	44B1_7-8	44B2_2-3	44B2_5-6	44B3_3-4	44B3_6-7
Sample Date		10/07/2025	10/07/2025	10/07/2025	10/07/2025	10/07/2025	10/07/2025	10/07/2025	10/07/2025	10/07/2025	10/07/2025	10/07/2025	10/07/2025	10/07/2025	10/07/2025	10/07/2025	10/07/2025	10/07/2025	10/07/2025
Lab Sample ID		460-336648-1	460-336648-2	460-336648-23	460-336648-26	460-336648-29	460-336648-24	460-336648-27	460-336648-25	460-336648-28	460-336648-3	460-336648-4	460-336648-30	460-336648-33	460-336648-36	460-336648-31	460-336648-34	460-336648-32	460-336648-35
Sample Depth (bgs)		0 - 4 (ft)	4 - 8 (ft)	1 - 2 (ft)	4 - 5 (ft)	7 - 8 (ft)	2 - 3 (ft)	5 - 6 (ft)	3 - 4 (ft)	6 - 7 (ft)	0 - 4 (ft)	4 - 8 (ft)	1 - 2 (ft)	4 - 5 (ft)	7 - 8 (ft)	2 - 3 (ft)	5 - 6 (ft)	3 - 4 (ft)	6 - 7 (ft)
Semi-Volatile Organic Compounds (mg/kg)																			
1,2,4,5-Tetrachlorobenzene	NA	ND (0.34)	ND (0.34)	-	-	-	-	-	-	-	ND (0.35)	ND (0.34)	-	-	-	-	-	-	-
1,4-Dioxane	130	ND (0.034)	ND (0.034)	-	-	-	-	-	-	-	ND (0.035)	ND (0.034)	-	-	-	-	-	-	-
2,2'-oxybis(1-Chloropropane)	NA	ND (0.34)	ND (0.34)	-	-	-	-	-	-	-	ND (0.35)	ND (0.34)	-	-	-	-	-	-	-
2,3,4,6-Tetrachlorophenol	NA	ND (0.34)	ND (0.34)	-	-	-	-	-	-	-	ND (0.35)	ND (0.34)	-	-	-	-	-	-	-
2,4,5-Trichlorophenol	NA	ND (0.34)	ND (0.34)	-	-	-	-	-	-	-	ND (0.35)	ND (0.34)	-	-	-	-	-	-	-
2,4,6-Trichlorophenol	NA	ND (0.14)	ND (0.14)	-	-	-	-	-	-	-	ND (0.14)	ND (0.14)	-	-	-	-	-	-	-
2,4-Dichlorophenol	NA	ND (0.14)	ND (0.14)	-	-	-	-	-	-	-	ND (0.14)	ND (0.14)	-	-	-	-	-	-	-
2,4-Dimethylphenol	NA	ND (0.34)	ND (0.34)	-	-	-	-	-	-	-	ND (0.35)	ND (0.34)	-	-	-	-	-	-	-
2,4-Dinitrophenol	NA	ND (0.28)	ND (0.28)	-	-	-	-	-	-	-	ND (0.28)	ND (0.28)	-	-	-	-	-	-	-
2,4-Dinitrotoluene	NA	ND (0.07)	ND (0.069)	-	-	-	-	-	-	-	ND (0.071)	ND (0.07)	-	-	-	-	-	-	-
2,6-Dinitrotoluene	NA	ND (0.07)	ND (0.069)	-	-	-	-	-	-	-	ND (0.071)	ND (0.07)	-	-	-	-	-	-	-
2-Chloronaphthalene	NA	ND (0.34)	ND (0.34)	-	-	-	-	-	-	-	ND (0.35)	ND (0.34)	-	-	-	-	-	-	-
2-Chlorophenol	NA	ND (0.34)	ND (0.34)	-	-	-	-	-	-	-	ND (0.35)	ND (0.34)	-	-	-	-	-	-	-
2-Methylnaphthalene	NA	ND (0.34)	ND (0.34)	-	-	-	-	-	-	-	ND (0.35)	ND (0.34)	-	-	-	-	-	-	-
2-Methylphenol (o-Cresol)	500	ND (0.34)	ND (0.34)	-	-	-	-	-	-	-	ND (0.35)	ND (0.34)	-	-	-	-	-	-	-
2-Nitroaniline	NA	ND (0.34)	ND (0.34)	-	-	-	-	-	-	-	ND (0.35)	ND (0.34)	-	-	-	-	-	-	-
2-Nitrophenol	NA	ND (0.34)	ND (0.34)	-	-	-	-	-	-	-	ND (0.35)	ND (0.34)	-	-	-	-	-	-	-
3&4-Methylphenol	NA	ND (0.34)	ND (0.34)	-	-	-	-	-	-	-	ND (0.35)	ND (0.34)	-	-	-	-	-	-	-
3,3'-Dichlorobenzidine	NA	ND (0.14)	ND (0.14)	-	-	-	-	-	-	-	ND (0.14)	ND (0.14)	-	-	-	-	-	-	-
3-Nitroaniline	NA	ND (0.34)	ND (0.34)	-	-	-	-	-	-	-	ND (0.35)	ND (0.34)	-	-	-	-	-	-	-
4,6-Dinitro-2-methylphenol	NA	ND (0.28)	ND (0.28)	-	-	-	-	-	-	-	ND (0.28)	ND (0.28)	-	-	-	-	-	-	-
4-Bromophenyl phenyl ether (BDE-3)	NA	ND (0.34)	ND (0.34)	-	-	-	-	-	-	-	ND (0.35)	ND (0.34)	-	-	-	-	-	-	-
4-Chloro-3-methylphenol	NA	ND (0.34)	ND (0.34)	-	-	-	-	-	-	-	ND (0.35)	ND (0.34)	-	-	-	-	-	-	-
4-Chloroaniline	NA	ND (0.34)	ND (0.34)	-	-	-	-	-	-	-	ND (0.35)	ND (0.34)	-	-	-	-	-	-	-
4-Chlorophenyl phenyl ether	NA	ND (0.34)	ND (0.34)	-	-	-	-	-	-	-	ND (0.35)	ND (0.34)	-	-	-	-	-	-	-
4-Methylphenol	500	ND (0.34)	ND (0.34)	-	-	-	-	-	-	-	ND (0.35)	ND (0.34)	-	-	-	-	-	-	-
4-Nitroaniline	NA	ND (0.34)	ND (0.34)	-	-	-	-	-	-	-	ND (0.35)	ND (0.34)	-	-	-	-	-	-	-
4-Nitrophenol	NA	ND (0.7)	ND (0.69)	-	-	-	-	-	-	-	ND (0.71)	ND (0.7)	-	-	-	-	-	-	-
Acenaphthene	500	ND (0.34)	ND (0.34)	-	-	-	-	-	-	-	ND (0.35)	ND (0.34)	-	-	-	-	-	-	-
Acenaphthylene	500	ND (0.34)	ND (0.34)	-	-	-	-	-	-	-	ND (0.35)	ND (0.34)	-	-	-	-	-	-	-
Acetophenone	NA	ND (0.34)	ND (0.34)	-	-	-	-	-	-	-	ND (0.35)	ND (0.34)	-	-	-	-	-	-	-
Anthracene	500	ND (0.34)	ND (0.34)	-	-	-	-	-	-	-	ND (0.35)	ND (0.34)	-	-	-	-	-	-	-
Atrazine	NA	ND (0.14)	ND (0.14)	-	-	-	-	-	-	-	ND (0.14)	ND (0.14)	-	-	-	-	-	-	-
Benzaldehyde	NA	ND (0.34)	ND (0.34)	-	-	-	-	-	-	-	ND (0.35)	ND (0.34)	-	-	-	-	-	-	-
Benzo(a)anthracene	5.6	ND (0.034)	ND (0.034)	-	-	-	-	-	-	-	ND (0.035)	ND (0.034)	-	-	-	-	-	-	-
Benzo(a)pyrene	1	ND (0.034)	ND (0.034)	-	-	-	-	-	-	-	ND (0.035)	ND (0.034)	-	-	-	-	-	-	-
Benzo(b)fluoranthene	5.6	ND (0.034)	ND (0.034)	-	-	-	-	-	-	-	ND (0.035)	ND (0.034)	-	-	-	-	-	-	-
Benzo(g,h,i)perylene	500	ND (0.34)	ND (0.34)	-	-	-	-	-	-	-	ND (0.35)	ND (0.34)	-	-	-	-	-	-	-
Benzo(k)fluoranthene	56	ND (0.034)	ND (0.034)	-	-	-	-	-	-	-	ND (0.035)	ND (0.034)	-	-	-	-	-	-	-
Biphenyl	NA	ND (0.34)	ND (0.34)	-	-	-	-	-	-	-	ND (0.35)	ND (0.34)	-	-	-	-	-	-	-
bis(2-Chloroethoxy)methane	NA	ND (0.34)	ND (0.34)	-	-	-	-	-	-	-	ND (0.35)	ND (0.34)	-	-	-	-	-	-	-
bis(2-Chloroethyl)ether	NA	ND (0.034)	ND (0.034)	-	-	-	-	-	-	-	ND (0.035)	ND (0.034)	-	-	-	-	-	-	-
bis(2-Ethylhexyl)phthalate	NA	ND (0.34)	ND (0.34)	-	-	-	-	-	-	-	ND (0.35)	ND (0.34)	-	-	-	-	-	-	-
Butyl benzylphthalate (BBP)	NA	ND (0.34)	ND (0.34)	-	-	-	-	-	-	-	ND (0.35)	ND (0.34)	-	-	-	-	-	-	-
Caprolactam	NA	ND (0.34)	ND (0.34)	-	-	-	-	-	-	-	ND (0.35)	ND (0.34)	-	-	-	-	-	-	-
Carbazole	NA	ND (0.34)	ND (0.34)	-	-	-	-	-	-	-	ND (0.35)	ND (0.34)	-	-	-	-	-	-	-
Chrysene	56	ND (0.34)	ND (0.34)	-	-	-	-	-	-	-	ND (0.35)	ND (0.34)	-	-	-	-	-	-	-
Dibenz(a,h)anthracene	0.56	ND (0.034)	ND (0.034)	-	-	-	-	-	-	-	ND (0.035)	ND (0.034)	-	-	-	-	-	-	-
Dibenzofuran	350	ND (0.34)	ND (0.34)	-	-	-	-	-	-	-	ND (0.35)	ND (0.34)	-	-	-	-	-	-	-
Diethyl phthalate	NA	ND (0.34)	ND (0.34)	-	-	-	-	-	-	-	ND (0.35)	ND (0.34)	-	-	-	-	-	-	-
Dimethyl phthalate	NA	ND (0.34)	ND (0.34)	-	-	-	-	-	-	-	ND (0.35)	ND (0.34)	-	-	-	-	-	-	-
Di-n-butylphthalate (DBP)	NA	ND (0.34)	ND (0.34)	-	-	-	-	-	-	-	ND (0.35)	ND (0.34)	-	-	-	-	-	-	-
Di-n-octyl phthalate (DnOP)	NA	ND (0.34)	ND (0.34)	-	-	-	-	-	-	-	ND (0.35)	ND (0.34)	-	-	-	-	-	-	-
Fluoranthene	500	ND (0.34)	ND (0.34)	-	-	-	-	-	-	-	ND (0.35)	ND (0.34)	-	-	-	-	-	-	-
Fluorene	500	ND (0.34)	ND (0.34)	-	-	-	-	-	-	-	ND (0.35)	ND (0.34)	-	-	-	-	-	-	-
Hexachlorobenzene	6	ND (0.034)	ND (0.034)	-	-	-	-	-	-	-	ND (0.035)	ND (0.034)	-	-	-	-	-	-	-
Hexachlorobutadiene	NA	ND (0.07)	ND (0.069)	-	-	-	-	-	-	-	ND (0.071)	ND (0.07)	-	-	-	-	-	-	-
Hexachlorocyclopentadiene	NA	ND (0.34)	ND (0.34)	-	-	-	-	-	-	-	ND (0.35)	ND (0.34)	-	-	-	-	-	-	-
Hexachloroethane	NA	ND (0.034)	ND (0.034)	-	-	-	-	-	-	-	ND (0.035)	ND (0.034)	-	-	-	-	-	-	-
Indeno(1,2,3-cd)pyrene	5.6	ND (0.034)	ND (0.034)	-	-	-	-	-	-	-	ND (0.035)	ND (0.034)	-	-	-	-	-	-	-
Isophorone	NA	ND (0.14)	ND (0.14)	-	-	-	-	-	-	-	ND (0.14)	ND (0.14)	-	-	-	-	-	-	-
Naphthalene	500	ND (0.34)	ND (0.34)	-	-	-	-	-	-	-	ND (0.35)	ND (0.34)	-	-	-	-	-	-	-
Nitrobenzene	NA	ND (0.034)	ND (0.034)	-	-	-	-	-	-	-	ND (0.035)	ND (0.034)	-	-	-	-	-	-	-
N-Nitrosodi-n-propylamine	NA	ND (0.034)	ND (0.034)	-	-	-	-	-	-	-	ND (0.035)	ND (0.034)	-	-	-	-	-	-	-
N-Nitrosodiphenylamine	NA	ND (0.34)	ND (0.34)	-	-	-	-	-	-	-	ND (0.35)	ND (0.34)	-	-	-	-	-	-	-
Pentachlorophenol	6.7	ND (0.28)	ND (0.28)	-	-	-	-	-	-	-	ND (0.28)	ND (0.28)	-	-	-	-	-	-	-
Phenanthrene	500	ND (0.34)	ND (0.34)	-	-	-	-	-	-	-	ND (0.35)	ND (0.34)	-	-	-	-	-	-	-
Phenol	500	ND (0.34)	ND (0.34)	-	-	-	-	-	-	-	ND (0.35)	ND (0.34)	-	-	-	-	-	-	-
Pyrene	500	ND (0.34)	ND (0.34)	-	-	-	-	-	-	-	ND (0.35)	ND (0.34)	-	-	-	-	-	-	-

TABLE 11
SUMMARY OF SOIL QUALITY DATA - BERM 44
FORMER PORT MOBIL TERMINAL
STATEN ISLAND, NEW YORK
FILE NO. 0208998

	Criteria																		
Location Name	NY Part 375	44A	44A	44A1	44A1	44A1	44A2	44A2	44A3	44A3	44B	44B	44B1	44B1	44B1	44B2	44B2	44B3	44B3
Sample Name	Commercial	44A_0-4	44A_4-8	44A1_1-2	44A1_4-5	44A1_7-8	44A2_2-3	44A2_5-6	44A3_3-4	44A3_6-7	44B_0-4	44B_4-8	44B1_1-2	44B1_4-5	44B1_7-8	44B2_2-3	44B2_5-6	44B3_3-4	44B3_6-7
Sample Date	Use	10/07/2025	10/07/2025	10/07/2025	10/07/2025	10/07/2025	10/07/2025	10/07/2025	10/07/2025	10/07/2025	10/07/2025	10/07/2025	10/07/2025	10/07/2025	10/07/2025	10/07/2025	10/07/2025	10/07/2025	10/07/2025
Lab Sample ID	Soil Cleanup	460-336648-1	460-336648-2	460-336648-23	460-336648-26	460-336648-29	460-336648-24	460-336648-27	460-336648-25	460-336648-28	460-336648-3	460-336648-4	460-336648-30	460-336648-33	460-336648-36	460-336648-31	460-336648-34	460-336648-32	460-336648-35
Sample Depth (bgs)	Objectives	0 - 4 (ft)	4 - 8 (ft)	1 - 2 (ft)	4 - 5 (ft)	7 - 8 (ft)	2 - 3 (ft)	5 - 6 (ft)	3 - 4 (ft)	6 - 7 (ft)	0 - 4 (ft)	4 - 8 (ft)	1 - 2 (ft)	4 - 5 (ft)	7 - 8 (ft)	2 - 3 (ft)	5 - 6 (ft)	3 - 4 (ft)	6 - 7 (ft)
PFAS (mg/kg)																			
11-Chloroeicosafluoro-3-Oxaundecane-1-Sulfonic Acid (11Cl-PF3OUdS)	NA	ND (0.0002)	ND (0.00019)	-	-	-	-	-	-	-	ND (0.0002)	ND (0.0002)	-	-	-	-	-	-	-
2H,2H,3H,3H-Perfluorooctanoic acid (5:3 FTCA)	NA	ND (0.001)	ND (0.00097)	-	-	-	-	-	-	-	ND (0.00098)	ND (0.00098)	-	-	-	-	-	-	-
3-(Perfluoroheptyl)propanoic acid (7:3 FTCA)	NA	ND (0.001)	ND (0.00097)	-	-	-	-	-	-	-	ND (0.00098)	ND (0.00098)	-	-	-	-	-	-	-
3:3 Fluorotelomer carboxylic acid (3:3 FTCA)	NA	ND (0.0004)	ND (0.00039)	-	-	-	-	-	-	-	ND (0.00039)	ND (0.00039)	-	-	-	-	-	-	-
4,8-Dioxa-3H-Perfluorononanoic Acid (ADONA)	NA	ND (0.0002)	ND (0.00019)	-	-	-	-	-	-	-	ND (0.0002)	ND (0.0002)	-	-	-	-	-	-	-
4:2 Fluorotelomer sulfonic acid (4:2 FTS)	NA	ND (0.0004)	ND (0.00039)	-	-	-	-	-	-	-	ND (0.00039)	ND (0.00039)	-	-	-	-	-	-	-
6:2 Fluorotelomer sulfonic acid (6:2 FTS)	NA	ND (0.0004)	ND (0.00039)	-	-	-	-	-	-	-	ND (0.00039)	ND (0.00039)	-	-	-	-	-	-	-
8:2 Fluorotelomer sulfonic acid (8:2 FTS)	NA	ND (0.0004)	ND (0.00039)	-	-	-	-	-	-	-	0.00049	0.00044	-	-	-	-	-	-	-
9-Chlorohexadecafluoro-3-Oxanone-1-Sulfonic Acid (9Cl-PF3ONS)	NA	ND (0.0002)	ND (0.00019)	-	-	-	-	-	-	-	ND (0.0002)	ND (0.0002)	-	-	-	-	-	-	-
N-Ethyl Perfluorooctanesulfonamidoacetic Acid (NEtFOSAA)	NA	ND (0.0002)	ND (0.00019)	-	-	-	-	-	-	-	ND (0.0002)	ND (0.0002)	-	-	-	-	-	-	-
N-Ethylperfluorooctane sulfonamide (N-EtFOSA)	NA	ND (0.0002)	ND (0.00019)	-	-	-	-	-	-	-	ND (0.0002)	ND (0.0002)	-	-	-	-	-	-	-
N-Ethylperfluorooctane sulfonamidoethanol (N-EtFOSE)	NA	ND (0.001)	ND (0.00097)	-	-	-	-	-	-	-	ND (0.00098)	ND (0.00098)	-	-	-	-	-	-	-
N-Methyl Perfluorooctanesulfonamidoacetic Acid (NMeFOSAA)	NA	ND (0.0002)	ND (0.00019)	-	-	-	-	-	-	-	ND (0.0002)	ND (0.0002)	-	-	-	-	-	-	-
N-Methylperfluorooctane sulfonamide (N-MeFOSA)	NA	ND (0.0002)	ND (0.00019)	-	-	-	-	-	-	-	ND (0.0002)	ND (0.0002)	-	-	-	-	-	-	-
N-Methylperfluorooctane sulfonamidoethanol (N-MeFOSE)	NA	ND (0.001)	ND (0.00097)	-	-	-	-	-	-	-	ND (0.00098)	ND (0.00098)	-	-	-	-	-	-	-
Nonafluoro-3,6-dioxaheptanoic acid (NFDHA)	NA	ND (0.0002)	ND (0.00019)	-	-	-	-	-	-	-	ND (0.0002)	ND (0.0002)	-	-	-	-	-	-	-
Perfluoro(2-ethoxyethane) sulphonic acid (PFEESA)	NA	ND (0.0002)	ND (0.00019)	-	-	-	-	-	-	-	ND (0.0002)	ND (0.0002)	-	-	-	-	-	-	-
Perfluoro(4-methoxybutanoic) acid (PFMBA)	NA	ND (0.0002)	ND (0.00019)	-	-	-	-	-	-	-	ND (0.0002)	ND (0.0002)	-	-	-	-	-	-	-
Perfluoro-2-propoxypropanoic acid (PFPrOPrA)(GenX) (HFPO-DA)	NA	ND (0.0002)	ND (0.00019)	-	-	-	-	-	-	-	ND (0.0002)	ND (0.0002)	-	-	-	-	-	-	-
Perfluoro-3-methoxypropanoic acid (PFMPA)	NA	ND (0.0002)	ND (0.00019)	-	-	-	-	-	-	-	ND (0.0002)	ND (0.0002)	-	-	-	-	-	-	-
Perfluorobutanesulfonic acid (PFBS)	NA	ND (0.0002)	ND (0.00019)	-	-	-	-	-	-	-	ND (0.0002)	ND (0.0002)	-	-	-	-	-	-	-
Perfluorobutanoic acid (PFBA)	NA	ND (0.0004)	ND (0.00039)	-	-	-	-	-	-	-	ND (0.00039)	ND (0.00039)	-	-	-	-	-	-	-
Perfluorodecanesulfonic acid (PFDS)	NA	ND (0.0002)	ND (0.00019)	-	-	-	-	-	-	-	ND (0.0002)	ND (0.0002)	-	-	-	-	-	-	-
Perfluorodecanoic acid (PFDA)	NA	0.0002	0.00015 J	-	-	-	-	-	-	-	0.00063	0.0006	-	-	-	-	-	-	-
Perfluorododecane sulfonic acid (PFDoDS)	NA	ND (0.0002)	ND (0.00019)	-	-	-	-	-	-	-	ND (0.0002)	ND (0.0002)	-	-	-	-	-	-	-
Perfluorododecanoic acid (PFDoDA)	NA	0.00026	ND (0.00019)	-	-	-	-	-	-	-	0.00048	0.00098	-	-	-	-	-	-	-
Perfluoroheptanesulfonic acid (PFHpS)	NA	ND (0.0002)	ND (0.00019)	-	-	-	-	-	-	-	ND (0.0002)	ND (0.0002)	-	-	-	-	-	-	-
Perfluoroheptanoic acid (PFHpA)	NA	ND (0.0002)	ND (0.00019)	-	-	-	-	-	-	-	ND (0.0002)	ND (0.0002)	-	-	-	-	-	-	-
Perfluorohexanesulfonic acid (PFHxS)	NA	ND (0.0002)	ND (0.00019)	-	-	-	-	-	-	-	ND (0.0002)	ND (0.0002)	-	-	-	-	-	-	-
Perfluorohexanoic acid (PFHxA)	NA	ND (0.0002)	ND (0.00019)	-	-	-	-	-	-	-	ND (0.0002)	ND (0.0002)	-	-	-	-	-	-	-
Perfluorononane sulfonic acid (PFNS)	NA	ND (0.0002)	ND (0.00019)	-	-	-	-	-	-	-	ND (0.0002)	ND (0.0002)	-	-	-	-	-	-	-
Perfluorononanoic acid (PFNA)	NA	0.00033	0.00025	-	-	-	-	-	-	-	0.00029	0.00022	-	-	-	-	-	-	-
Perfluorooctane sulfonamide (PFOSA)	NA	ND (0.0002)	ND (0.00019)	-	-	-	-	-	-	-	ND (0.0002)	ND (0.0002)	-	-	-	-	-	-	-
Perfluorooctanesulfonic acid (PFOS)	0.44	ND (0.0002)	ND (0.00019)	-	-	-	-	-	-	-	ND (0.0002)	ND (0.0002)	-	-	-	-	-	-	-
Perfluorooctanoic acid (PFOA)	0.5	0.00014 J	ND (0.00019)	-	-	-	-	-	-	-	0.00008 J	0.0001 J	-	-	-	-	-	-	-
Perfluoropentanesulfonic acid (PFPeS)	NA	ND (0.0002)	ND (0.00019)	-	-	-	-	-	-	-	ND (0.0002)	ND (0.0002)	-	-	-	-	-	-	-
Perfluoropentanoic acid (PFPeA)	NA	ND (0.0002)	ND (0.00019)	-	-	-	-	-	-	-	ND (0.0002)	ND (0.0002)	-	-	-	-	-	-	-
Perfluorotetradecanoic acid (PFTeDA)	NA	ND (0.0002)	ND (0.00019)	-	-	-	-	-	-	-	0.00015 J	ND (0.0002)	-	-	-	-	-	-	-
Perfluorotridecanoic acid (PFTrDA)	NA	0.00204	0.00034	-	-	-	-	-	-	-	0.0032	0.00158	-	-	-	-	-	-	-
Perfluoroundecanoic acid (PFUnDA)	NA	0.00333	0.00072	-	-	-	-	-	-	-	0.00321	0.00681	-	-	-	-	-	-	-
Pesticides (mg/kg)																			
4,4'-DDD	92	ND (0.007)	ND (0.007)	-	-	-	-	-	-	-	ND (0.0071)	ND (0.0071)	-	-	-	-	-	-	-
4,4'-DDE	62	ND (0.007)	ND (0.007)	-	-	-	-	-	-	-	ND (0.0071)	ND (0.0071)	-	-	-	-	-	-	-
4,4'-DDT	47	ND (0.007)	ND (0.007)	-	-	-	-	-	-	-	ND (0.0071)	ND (0.0071)	-	-	-	-	-	-	-
Aldrin	0.68	ND (0.007)	ND (0.007)	-	-	-	-	-	-	-	ND (0.0071)	ND (0.0071)	-	-	-	-	-	-	-
alpha-BHC	3.4	ND (0.0021)	ND (0.0021)	-	-	-	-	-	-	-	ND (0.0021)	ND (0.0021)	-	-	-	-	-	-	-
alpha-Chlordane (cis)	24	ND (0.007)	ND (0.007)	-	-	-	-	-	-	-	ND (0.0071)	ND (0.0071)	-	-	-	-	-	-	-
beta-BHC	3	ND (0.0021)	ND (0.0021)	-	-	-	-	-	-	-	ND (0.0021)	ND (0.0021)	-	-	-	-	-	-	-
Chlordane	NA	ND (0.07)	ND (0.07)	-	-	-	-	-	-	-	ND (0.071)	ND (0.071)	-	-	-	-	-	-	-
delta-BHC	500	ND (0.0021)	ND (0.0021)	-	-	-	-	-	-	-	ND (0.0021)	ND (0.0021)	-	-	-	-	-	-	-
Dieldrin	1.4	ND (0.0021)	ND (0.0021)	-	-	-	-	-	-	-	ND (0.0021)	ND (0.0021)	-	-	-	-	-	-	-
Endosulfan I	200	ND (0.007)	ND (0.007)	-	-	-	-	-	-	-	ND (0.0071)	ND (0.0071)	-	-	-	-	-	-	-
Endosulfan II	200	ND (0.007)	ND (0.007)	-	-	-	-	-	-	-	ND (0.0071)	ND (0.0071)	-	-	-	-	-	-	-
Endosulfan sulfate	200	ND (0.007)	ND (0.007)	-	-	-	-	-	-	-	ND (0.0071)	ND (0.0071)	-	-	-	-	-	-	-
Endrin	89	ND (0.007)	ND (0.007)	-	-	-	-	-	-	-	ND (0.0071)	ND (0.0071)	-	-	-	-	-	-	-
Endrin aldehyde	NA	ND (0.007)	ND (0.007)	-	-	-	-	-	-	-	ND (0.0071)	ND (0.0071)	-	-	-	-	-	-	-
Endrin ketone	NA	ND (0.007)	ND (0.007)	-	-	-	-	-	-	-	ND (0.0071)	ND (0.0071)	-	-	-	-	-	-	-
gamma-BHC (Lindane)	9.2	ND (0.0021)	ND (0.0021)	-	-	-	-	-	-	-	ND (0.0021)	ND (0.0021)	-	-	-	-	-	-	-
Heptachlor	15	ND (0.007)	ND (0.007)	-	-	-	-	-	-	-	ND (0.0071)	ND (0.0071)	-	-	-	-	-	-	-
Heptachlor epoxide	NA	ND (0.007)	ND (0.007)	-	-	-	-	-	-	-	ND (0.0071)	ND (0.0071)	-	-	-	-	-	-	-
Methoxychlor	NA	ND (0.007)	ND (0.007)	-	-	-	-	-	-	-	ND (0.0071)	ND (0.0071)	-	-	-	-	-	-	-
Toxaphene	NA	ND (0.07)	ND (0.07)	-	-	-	-	-	-	-	ND (0.071)	ND (0.071)	-	-	-	-	-	-	-

TABLE 11
SUMMARY OF SOIL QUALITY DATA - BERM 44
FORMER PORT MOBIL TERMINAL
STATEN ISLAND, NEW YORK
FILE NO. 0208998

	Criteria																		
Location Name	NY Part 375	44A	44A	44A1	44A1	44A1	44A2	44A2	44A3	44A3	44B	44B	44B1	44B1	44B1	44B2	44B2	44B3	44B3
Sample Name	Commercial	44A_0-4	44A_4-8	44A1_1-2	44A1_4-5	44A1_7-8	44A2_2-3	44A2_5-6	44A3_3-4	44A3_6-7	44B_0-4	44B_4-8	44B1_1-2	44B1_4-5	44B1_7-8	44B2_2-3	44B2_5-6	44B3_3-4	44B3_6-7
Sample Date	Use	10/07/2025	10/07/2025	10/07/2025	10/07/2025	10/07/2025	10/07/2025	10/07/2025	10/07/2025	10/07/2025	10/07/2025	10/07/2025	10/07/2025	10/07/2025	10/07/2025	10/07/2025	10/07/2025	10/07/2025	10/07/2025
Lab Sample ID	Soil Cleanup	460-336648-1	460-336648-2	460-336648-23	460-336648-26	460-336648-29	460-336648-24	460-336648-27	460-336648-25	460-336648-28	460-336648-3	460-336648-4	460-336648-30	460-336648-33	460-336648-36	460-336648-31	460-336648-34	460-336648-32	460-336648-35
Sample Depth (bgs)	Objectives	0 - 4 (ft)	4 - 8 (ft)	1 - 2 (ft)	4 - 5 (ft)	7 - 8 (ft)	2 - 3 (ft)	5 - 6 (ft)	3 - 4 (ft)	6 - 7 (ft)	0 - 4 (ft)	4 - 8 (ft)	1 - 2 (ft)	4 - 5 (ft)	7 - 8 (ft)	2 - 3 (ft)	5 - 6 (ft)	3 - 4 (ft)	6 - 7 (ft)
Polychlorinated Biphenyls (mg/kg)																			
Aroclor-1016 (PCB-1016)	NA	ND (0.07)	ND (0.07)	-	-	-	-	-	-	-	ND (0.071)	ND (0.071)	-	-	-	-	-	-	-
Aroclor-1221 (PCB-1221)	NA	ND (0.07)	ND (0.07)	-	-	-	-	-	-	-	ND (0.071)	ND (0.071)	-	-	-	-	-	-	-
Aroclor-1232 (PCB-1232)	NA	ND (0.07)	ND (0.07)	-	-	-	-	-	-	-	ND (0.071)	ND (0.071)	-	-	-	-	-	-	-
Aroclor-1242 (PCB-1242)	NA	ND (0.07)	ND (0.07)	-	-	-	-	-	-	-	ND (0.071)	ND (0.071)	-	-	-	-	-	-	-
Aroclor-1248 (PCB-1248)	NA	ND (0.07)	ND (0.07)	-	-	-	-	-	-	-	ND (0.071)	ND (0.071)	-	-	-	-	-	-	-
Aroclor-1254 (PCB-1254)	NA	ND (0.07)	ND (0.07)	-	-	-	-	-	-	-	ND (0.071)	ND (0.071)	-	-	-	-	-	-	-
Aroclor-1260 (PCB-1260)	NA	ND (0.07)	ND (0.07)	-	-	-	-	-	-	-	ND (0.071)	ND (0.071)	-	-	-	-	-	-	-
Aroclor-1262 (PCB-1262)	NA	ND (0.07)	ND (0.07)	-	-	-	-	-	-	-	ND (0.071)	ND (0.071)	-	-	-	-	-	-	-
Aroclor-1268 (PCB-1268)	NA	ND (0.07)	ND (0.07)	-	-	-	-	-	-	-	ND (0.071)	ND (0.071)	-	-	-	-	-	-	-
Total PCBs	1	ND (0.07)	ND (0.07)	-	-	-	-	-	-	-	ND (0.071)	ND (0.071)	-	-	-	-	-	-	-
Inorganic Compounds (mg/kg)																			
Aluminum	NA	5020	3960	-	-	-	-	-	-	-	7990	4600	-	-	-	-	-	-	-
Antimony	NA	2.6	4.2	-	-	-	-	-	-	-	2	4.1	-	-	-	-	-	-	-
Arsenic	16	10.1	10.6	-	-	-	-	-	-	-	7.6	10.4	-	-	-	-	-	-	-
Barium	400	28.3	21.3	-	-	-	-	-	-	-	50.7	23.7	-	-	-	-	-	-	-
Beryllium	590	0.86	4.5	-	-	-	-	-	-	-	2.1	0.6	-	-	-	-	-	-	-
Cadmium	9.3	0.11 J	0.19 J	-	-	-	-	-	-	-	0.2 J	0.13 J	-	-	-	-	-	-	-
Calcium	NA	827	602	-	-	-	-	-	-	-	1340	2570	-	-	-	-	-	-	-
Chromium	NA	17.8	22.7	-	-	-	-	-	-	-	26	15.2	-	-	-	-	-	-	-
Cobalt	NA	4.8	5.8	-	-	-	-	-	-	-	8.7	3.9	-	-	-	-	-	-	-
Copper	270	42.8	65.9	-	-	-	-	-	-	-	78.3	38.9	-	-	-	-	-	-	-
Iron	NA	18600	19300	-	-	-	-	-	-	-	21800	17200	-	-	-	-	-	-	-
Lead	1000	58.7	113	-	-	-	-	-	-	-	133	74.3	-	-	-	-	-	-	-
Magnesium	NA	1460	1060	-	-	-	-	-	-	-	2490	2230	-	-	-	-	-	-	-
Manganese	10000	142	148	-	-	-	-	-	-	-	249	123	-	-	-	-	-	-	-
Mercury	2.8	0.023	0.037	-	-	-	-	-	-	-	0.027	0.029	-	-	-	-	-	-	-
Nickel	310	12.7	21.8	-	-	-	-	-	-	-	44.9	12	-	-	-	-	-	-	-
Potassium	NA	1320	1170	-	-	-	-	-	-	-	1420	1140	-	-	-	-	-	-	-
Selenium	1500	0.5 J	0.84 J	-	-	-	-	-	-	-	0.41 J	0.48 J	-	-	-	-	-	-	-
Silver	1500	0.14 J	0.45	-	-	-	-	-	-	-	0.23 J	0.54	-	-	-	-	-	-	-
Sodium	NA	49.7 J	50.4 J	-	-	-	-	-	-	-	88.3	41 J	-	-	-	-	-	-	-
Thallium	NA	0.082 J	0.049 J	-	-	-	-	-	-	-	0.097 J	0.052 J	-	-	-	-	-	-	-
Vanadium	NA	22.7	27.2	-	-	-	-	-	-	-	27.8	28.3	-	-	-	-	-	-	-
Zinc	10000	124	193	-	-	-	-	-	-	-	315	55.5	-	-	-	-	-	-	-

ABBREVIATIONS AND NOTES:

mg/kg: milligram per kilogram

**: LCS or LCSD is outside acceptance limits.*
-: Not Analyzed
B: Compound was found in the blank and the associated sample.
bgs: below ground surface
ft: feet
J: Value is estimated.
NA: Not Applicable
ND (2.5): Not detected, number in parentheses is the laboratory reporting limit

- For test methods used, see the laboratory data sheets.
- Soil analytical results are compared to the New York State Department of Environmental Conservation (NYSDEC) Title 6 of the Official Compilation of New York Codes, Rules, and Regulations (NYCRR) Part 375 Commercial Use Soil Cleanup Objectives (SCO).
- Grey shading indicates an exceedance of the Commercial Use Soil Cleanup Objectives.

TABLE 11
SUMMARY OF SOIL QUALITY DATA - BERM 44
FORMER PORT MOBIL TERMINAL
STATEN ISLAND, NEW YORK
FILE NO. 0208998

	Criteria																		
Location Name	NY Part 375	44C	44C	44C1	44C1	44C1	44C2	44C2	44C3	44C3	44D	44D	44D1	44D1	44D2	44D2	44D2	44D3	44D3
Sample Name	Commercial	44C_0-4	44C_4-8	44C1_1-2	44C1_4-5	44C1_7-8	44C2_2-3	44C2_5-6	44C3_3-4	44C3_6-7	44D_0-4	44D_4-8	44D1_1-2	44D1_4-5	44D2_2-3	44D2_5-6	44D2_7-8	44D3_3-4	44D3_6-7
Sample Date	Use	10/07/2025	10/07/2025	10/07/2025	10/07/2025	10/07/2025	10/07/2025	10/07/2025	10/07/2025	10/07/2025	10/07/2025	10/07/2025	10/07/2025	10/07/2025	10/07/2025	10/07/2025	10/07/2025	10/07/2025	10/07/2025
Lab Sample ID	Soil Cleanup	460-336648-5	460-336648-6	460-336648-37	460-336648-40	460-336648-43	460-336648-38	460-336648-41	460-336648-39	460-336648-42	460-336648-7	460-336648-8	460-336648-44	460-336648-47	460-336648-45	460-336648-48	460-336648-50	460-336648-46	460-336648-49
Sample Depth (bgs)	Objectives	0 - 4 (ft)	4 - 8 (ft)	1 - 2 (ft)	4 - 5 (ft)	7 - 8 (ft)	2 - 3 (ft)	5 - 6 (ft)	3 - 4 (ft)	6 - 7 (ft)	0 - 4 (ft)	4 - 8 (ft)	1 - 2 (ft)	4 - 5 (ft)	2 - 3 (ft)	5 - 6 (ft)	7 - 8 (ft)	3 - 4 (ft)	6 - 7 (ft)
Volatile Organic Compounds (mg/kg)																			
1,1,1-Trichloroethane	500	-	-	ND (0.00094)	ND (0.0013)	ND (0.00085)	ND (0.00089)	ND (0.00085)	ND (0.0014)	ND (0.00088)	-	-	ND (0.0011)	ND (0.00095)	ND (0.001)	ND (0.00093)	ND (0.001)	ND (0.001)	ND (0.00093)
1,1,2,2-Tetrachloroethane	NA	-	-	ND (0.00094)	ND (0.0013)	ND (0.00085)	ND (0.00089)	ND (0.00085)	ND (0.0014)	ND (0.00088)	-	-	ND (0.0011)	ND (0.00095)	ND (0.001)	ND (0.00093)	ND (0.001)	ND (0.001)	ND (0.00093)
1,1,2-Trichloroethane	NA	-	-	ND (0.00094)	ND (0.0013)	ND (0.00085)	ND (0.00089)	ND (0.00085)	ND (0.0014)	ND (0.00088)	-	-	ND (0.0011)	ND (0.00095)	ND (0.001)	ND (0.00093)	ND (0.001)	ND (0.001)	ND (0.00093)
1,1-Dichloroethane	240	-	-	ND (0.00094)	ND (0.0013)	ND (0.00085)	ND (0.00089)	ND (0.00085)	ND (0.0014)	ND (0.00088)	-	-	ND (0.0011)	ND (0.00095)	ND (0.001)	ND (0.00093)	ND (0.001)	ND (0.001)	ND (0.00093)
1,1-Dichloroethene	500	-	-	ND (0.00094)	ND (0.0013)	ND (0.00085)	ND (0.00089)	ND (0.00085)	ND (0.0014)	ND (0.00088)	-	-	ND (0.0011)	ND (0.00095)	ND (0.001)	ND (0.00093)	ND (0.001)	ND (0.001)	ND (0.00093)
1,2,3-Trichlorobenzene	NA	-	-	ND (0.00094)	ND (0.0013)	ND (0.00085)	ND (0.00089)	ND (0.00085)	ND (0.0014)	ND (0.00088)	-	-	ND (0.0011)	ND (0.00095)	ND (0.001)	ND (0.00093)	ND (0.001)	ND (0.001)	ND (0.00093)
1,2,4-Trichlorobenzene	NA	-	-	ND (0.00094)	ND (0.0013)	ND (0.00085)	ND (0.00089)	ND (0.00085)	ND (0.0014)	ND (0.00088)	-	-	ND (0.0011)	ND (0.00095)	ND (0.001)	ND (0.00093)	ND (0.001)	ND (0.001)	ND (0.00093)
1,2,4-Trimethylbenzene	190	-	-	ND (0.00094)	ND (0.0013)	ND (0.00085)	ND (0.00089)	ND (0.00085)	ND (0.0014)	ND (0.00088)	-	-	ND (0.0011)	ND (0.00095)	ND (0.001)	ND (0.00093)	ND (0.001)	ND (0.001)	ND (0.00093)
1,2-Dibromo-3-chloropropane (DBCP)	NA	-	-	ND (0.00094)	ND (0.0013)	ND (0.00085)	ND (0.00089)	ND (0.00085)	ND (0.0014)	ND (0.00088)	-	-	ND (0.0011)	ND (0.00095)	ND (0.001)	ND (0.00093)	ND (0.001)	ND (0.001)	ND (0.00093)
1,2-Dibromoethane (Ethylene Dibromide)	NA	-	-	ND (0.00094)	ND (0.0013)	ND (0.00085)	ND (0.00089)	ND (0.00085)	ND (0.0014)	ND (0.00088)	-	-	ND (0.0011)	ND (0.00095)	ND (0.001)	ND (0.00093)	ND (0.001)	ND (0.001)	ND (0.00093)
1,2-Dichlorobenzene	500	-	-	ND (0.00094)	ND (0.0013)	ND (0.00085)	ND (0.00089)	ND (0.00085)	ND (0.0014)	ND (0.00088)	-	-	ND (0.0011)	ND (0.00095)	ND (0.001)	ND (0.00093)	ND (0.001)	ND (0.001)	ND (0.00093)
1,2-Dichloroethane	30	-	-	ND (0.00094)	ND (0.0013)	ND (0.00085)	ND (0.00089)	ND (0.00085)	ND (0.0014)	ND (0.00088)	-	-	ND (0.0011)	ND (0.00095)	ND (0.001)	ND (0.00093)	ND (0.001)	ND (0.001)	ND (0.00093)
1,2-Dichloropropane	NA	-	-	ND (0.00094)	ND (0.0013)	ND (0.00085)	ND (0.00089)	ND (0.00085)	ND (0.0014)	ND (0.00088)	-	-	ND (0.0011)	ND (0.00095)	ND (0.001)	ND (0.00093)	ND (0.001)	ND (0.001)	ND (0.00093)
1,3,5-Trimethylbenzene	190	-	-	ND (0.00094)	ND (0.0013)	ND (0.00085)	ND (0.00089)	ND (0.00085)	ND (0.0014)	ND (0.00088)	-	-	ND (0.0011)	ND (0.00095)	ND (0.001)	ND (0.00093)	ND (0.001)	ND (0.001)	ND (0.00093)
1,3-Dichlorobenzene	280	-	-	ND (0.00094)	ND (0.0013)	ND (0.00085)	ND (0.00089)	ND (0.00085)	ND (0.0014)	ND (0.00088)	-	-	ND (0.0011)	ND (0.00095)	ND (0.001)	ND (0.00093)	ND (0.001)	ND (0.001)	ND (0.00093)
1,4-Dichlorobenzene	130	-	-	ND (0.00094)	ND (0.0013)	ND (0.00085)	ND (0.00089)	ND (0.00085)	ND (0.0014)	ND (0.00088)	-	-	ND (0.0011)	ND (0.00095)	ND (0.001)	ND (0.00093)	ND (0.001)	ND (0.001)	ND (0.00093)
2-Butanone (Methyl Ethyl Ketone)	500	-	-	ND (0.0047)	ND (0.0064)	ND (0.0042)	ND (0.0044)	ND (0.0043)	ND (0.0069)	ND (0.0044)	-	-	ND (0.0057)	ND (0.0048)	ND (0.0052)	ND (0.0046)	ND (0.0051)	ND (0.005)	ND (0.0046)
2-Hexanone (Methyl Butyl Ketone)	NA	-	-	ND (0.0047)	ND (0.0064) *	ND (0.0042) *	ND (0.0044) *	ND (0.0043) *	ND (0.0069) *	ND (0.0044) *	-	-	ND (0.0057) *	ND (0.0048) *	ND (0.0052) *	ND (0.0046) *	ND (0.0051) *	ND (0.005) *	ND (0.0046) *
2-Phenylbutane (sec-Butylbenzene)	500	-	-	ND (0.00094)	ND (0.0013)	ND (0.00085)	ND (0.00089)	ND (0.00085)	ND (0.0014)	ND (0.00088)	-	-	ND (0.0011)	ND (0.00095)	ND (0.001)	ND (0.00093)	ND (0.001)	ND (0.001)	ND (0.00093)
4-Methyl-2-Pentanone (Methyl Isobutyl Ketone)	NA	-	-	ND (0.0047) *	ND (0.0064) *	ND (0.0042) *	ND (0.0044) *	ND (0.0043) *	ND (0.0069) *	ND (0.0044) *	-	-	ND (0.0057) *	ND (0.0048) *	ND (0.0052) *	ND (0.0046) *	ND (0.0051) *	ND (0.005) *	ND (0.0046) *
Acetone	500	-	-	ND (0.0056)	ND (0.0077)	ND (0.0051)	ND (0.0053)	ND (0.0051)	ND (0.0083)	ND (0.0053)	-	-	0.073	ND (0.0057)	0.044	0.041	0.09	0.073	0.16
Benzene	44	-	-	ND (0.00094)	ND (0.0013)	ND (0.00085)	ND (0.00089)	ND (0.00085)	ND (0.0014)	ND (0.00088)	-	-	ND (0.0011)	ND (0.00095)	ND (0.001)	ND (0.00093)	ND (0.001)	ND (0.001)	ND (0.00093)
Bromodichloromethane	NA	-	-	ND (0.00094)	ND (0.0013)	ND (0.00085)	ND (0.00089)	ND (0.00085)	ND (0.0014)	ND (0.00088)	-	-	ND (0.0011)	ND (0.00095)	ND (0.001)	ND (0.00093)	ND (0.001)	ND (0.001)	ND (0.00093)
Bromoform	NA	-	-	ND (0.00094)	ND (0.0013)	ND (0.00085)	ND (0.00089)	ND (0.00085)	ND (0.0014)	ND (0.00088)	-	-	ND (0.0011)	ND (0.00095)	ND (0.001)	ND (0.00093)	ND (0.001)	ND (0.001)	ND (0.00093)
Bromomethane (Methyl Bromide)	NA	-	-	ND (0.0019)	ND (0.0026)	ND (0.0017)	ND (0.0018)	ND (0.0017)	ND (0.0028)	ND (0.0018)	-	-	ND (0.0023)	ND (0.0019)	ND (0.0021)	ND (0.0019)	ND (0.0021)	ND (0.002)	ND (0.0019)
Carbon disulfide	NA	-	-	ND (0.00094)	ND (0.0013)	ND (0.00085)	ND (0.00089)	ND (0.00085)	ND (0.0014)	ND (0.00088)	-	-	ND (0.0011)	ND (0.00095)	ND (0.001)	ND (0.00093)	ND (0.001)	ND (0.001)	ND (0.00093)
Carbon tetrachloride	22	-	-	ND (0.00094)	ND (0.0013)	ND (0.00085)	ND (0.00089)	ND (0.00085)	ND (0.0014)	ND (0.00088)	-	-	ND (0.0011)	ND (0.00095)	ND (0.001)	ND (0.00093)	ND (0.001)	ND (0.001)	ND (0.00093)
Chlorobenzene	500	-	-	ND (0.00094)	ND (0.0013)	ND (0.00085)	ND (0.00089)	ND (0.00085)	ND (0.0014)	ND (0.00088)	-	-	ND (0.0011)	ND (0.00095)	ND (0.001)	ND (0.00093)	ND (0.001)	ND (0.001)	ND (0.00093)
Chlorobromomethane	NA	-	-	ND (0.00094)	ND (0.0013)	ND (0.00085)	ND (0.00089)	ND (0.00085)	ND (0.0014)	ND (0.00088)	-	-	ND (0.0011)	ND (0.00095)	ND (0.001)	ND (0.00093)	ND (0.001)	ND (0.001)	ND (0.00093)
Chloroethane	NA	-	-	ND (0.00094)	ND (0.0013)	ND (0.00085)	ND (0.00089)	ND (0.00085)	ND (0.0014)	ND (0.00088)	-	-	ND (0.0011)	ND (0.00095)	ND (0.001)	ND (0.00093)	ND (0.001)	ND (0.001)	ND (0.00093)
Chloroform (Trichloromethane)	350	-	-	ND (0.00094)	ND (0.0013)	ND (0.00085)	ND (0.00089)	ND (0.00085)	ND (0.0014)	ND (0.00088)	-	-	ND (0.0011)	ND (0.00095)	ND (0.001)	ND (0.00093)	ND (0.001)	ND (0.001)	ND (0.00093)
Chloromethane (Methyl Chloride)	NA	-	-	ND (0.00094)	ND (0.0013)	ND (0.00085)	ND (0.00089)	ND (0.00085)	ND (0.0014)	ND (0.00088)	-	-	ND (0.0011)	ND (0.00095)	ND (0.001)	ND (0.00093)	ND (0.001)	ND (0.001)	ND (0.00093)
cis-1,2-Dichloroethene	500	-	-	ND (0.00094)	ND (0.0013)	ND (0.00085)	ND (0.00089)	ND (0.00085)	ND (0.0014)	ND (0.00088)	-	-	ND (0.0011)	ND (0.00095)	ND (0.001)	ND (0.00093)	ND (0.001)	ND (0.001)	ND (0.00093)
cis-1,3-Dichloropropene	NA	-	-	ND (0.00094)	ND (0.0013)	ND (0.00085)	ND (0.00089)	ND (0.00085)	ND (0.0014)	ND (0.00088)	-	-	ND (0.0011)	ND (0.00095)	ND (0.001)	ND (0.00093)	ND (0.001)	ND (0.001)	ND (0.00093)
Cyclohexane	NA	-	-	ND (0.00094)	ND (0.0013)	ND (0.00085)	ND (0.00089)	ND (0.00085)	ND (0.0014)	ND (0.00088)	-	-	ND (0.0011)	ND (0.00095)	ND (0.001)	ND (0.00093)	ND (0.001)	ND (0.001)	ND (0.00093)
Dibromochloromethane	NA	-	-	ND (0.00094)	ND (0.0013)	ND (0.00085)	ND (0.00089)	ND (0.00085)	ND (0.0014)	ND (0.00088)	-	-	ND (0.0011)	ND (0.00095)	ND (0.001)	ND (0.00093)	ND (0.001)	ND (0.001)	ND (0.00093)
Dichlorodifluoromethane (CFC-12)	NA	-	-	ND (0.00094)	ND (0.0013) *	ND (0.00085) *	ND (0.00089) *	ND (0.00085) *	ND (0.0014) *	ND (0.00088) *	-	-	ND (0.0011) *	ND (0.00095) *	ND (0.001) *	ND (0.00093) *	ND (0.001) *	ND (0.001) *	ND (0.00093) *
Ethylbenzene	390	-	-	ND (0.00094)	ND (0.0013)	ND (0.00085)	ND (0.00089)	ND (0.00085)	ND (0.0014)	ND (0.00088)	-	-	ND (0.0011)	ND (0.00095)	ND (0.001)	ND (0.00093)	ND (0.001)	ND (0.001)	ND (0.00093)
Isopropylbenzene (Cumene)	NA	-	-	ND (0.00094)	ND (0.0013)	ND (0.00085)	ND (0.00089)	ND (0.00085)	ND (0.0014)	ND (0.00088)	-	-	ND (0.0011)	ND (0.00095)	ND (0.001)	ND (0.00093)	ND (0.001)	ND (0.001)	ND (0.00093)
m,p-Xylenes	NA	-	-	ND (0.00094)	ND (0.0013)	ND (0.00085)	ND (0.00089)	ND (0.00085)	ND (0.0014)	ND (0.00088)	-	-	ND (0.0011)	ND (0.00095)	ND (0.001)	ND (0.00093)	ND (0.001)	ND (0.001)	ND (0.00093)
Methyl acetate	NA	-	-	ND (0.0047)	ND (0.0064)	ND (0.0042)	ND (0.0044)	ND (0.0043)	ND (0.0069)	ND (0.0044)	-	-	ND (0.0057)	ND (0.0048)	ND (0.0052)	ND (0.0046)	ND (0.0051)	ND (0.005)	ND (0.0046)
Methyl Tert Butyl Ether (MTBE)	500	-	-	ND (0.00094)	ND (0.0013)	ND (0.00085)	ND (0.00089)	ND (0.00085)	ND (0.0014)	ND (0.00088)	-	-	ND (0.0011)	ND (0.00095)	ND (0.001)	ND (0.00093)	ND (0.001)	ND (0.001)	ND (0.00093)
Methylcyclohexane	NA	-	-	ND (0.00094)	ND (0.0013)	ND (0.00085)	ND (0.00089)	ND (0.00085)	ND (0.0014)	ND (0.00088)	-	-	ND (0.0011)	ND (0.00095)	ND (0.001)	ND (0.00093)	ND (0.001)	ND (0.001)	ND (0.00093)
Methylene chloride (Dichloromethane)	500	-	-	0.002	ND (0.0026)	ND (0.0017)	0.0011 J	ND (0.0017)	ND (0.0028)	ND (0.0018)	-	-	ND (0.0023)	ND (0.0019)	ND (0.0021)	ND (0.0019)	ND (0.0021)	ND (0.002)	ND (0.0019)
n-Butylbenzene	500	-	-	ND (0.00094)	ND (0.0013)	ND (0.00085)	ND (0.00089)	ND (0.00085)	ND (0.0014)	ND (0.00088)	-	-	ND (0.0011)	ND (0.00095)	ND (0.001)	ND (0.00093)	ND (0.001)	ND (0.001)	ND (0.00093)
n-Propylbenzene	500	-	-	ND (0.00094)	ND (0.0013)	ND (0.00085)	ND (0.00089)	ND (0.00085)	ND (0.0014)	ND (0.00088)	-	-	ND (0.0011)	ND (0.00095)	ND (0.001)	ND (0.00093)	ND (0.001)	ND (0.001)	ND (0.00093)
o-Xylene	NA	-	-	ND (0.00094)	ND (0.0013)	ND (0.00085)	ND (0.00089)	ND (0.00085)	ND (0.0014)	ND (0.00088)	-	-	ND (0.0011)	ND (0.00095)	ND (0.001)	ND (0.00093)	ND (0.001)	ND (0.001)	ND (0.00093)
Styrene	NA	-	-	ND (0.00094)	ND (0.0013)	ND (0.00085)	ND (0.00089)	ND (0.00085)	ND (0.0014)	ND (0.00088)	-	-	ND (0.0011)	ND (0.00095)	ND (0.001)	ND (0.00093)	ND (0.001)	ND (0.001)	ND (0.00093)
tert-Butylbenzene	500	-	-	ND (0.00094)	ND (0.0013)	ND (0.00085)	ND (0.00089)	ND (0.00085)	ND (0.0014)	ND (0.00088)	-	-	ND (0.0011)	ND (0.00095)	ND (0.001)	ND (0.00093)	ND (0.001)	ND (0.001)	ND (0.00093)
Tetrachloroethene	150	-	-	ND (0.00094)	ND (0.0013)	ND (0.00085)	ND (0.00089)	ND (0.00085)	ND (0.0014)	ND (0.00088)	-	-	ND (0.0011)	ND (0.00095)	ND (0.001)	ND (0.00093)	ND (0.001)	ND (0.001)	ND (0.00093)
Toluene	500	-	-	ND (0.00094)	0.00072 J	0.00039 J	ND (0.00089)	ND (0.00085)	ND (0.0014)	ND (0.00088)	-	-	0.00048 J	0.00039 J	ND (0.001)	ND (0.00093)	ND (0.001)	0.00045 J	ND (0.00093)
trans-1,2-Dichloroethene	500	-	-	ND (0.00094)	ND (0.0013)	ND (0.00085)	ND (0.00089)	ND (0.00085)	ND (0.0014)	ND (0.00088)	-	-	ND (0.0011)	ND (0.00095)	ND (0.001)	ND (0.00093)	ND (0.001)	ND (0.001)	ND (0.00093)
trans-1,3-Dichloropropene	NA	-	-	ND (0.00094)	ND (0.0013)	ND (0.00085)	ND (0.00089)	ND (0.00085)	ND (0.0014)	ND (0.00088)	-	-	ND (0.0011)	ND (0.00095)	ND (0.001)	ND (0.00093)	ND (0.001)	ND (0.001)	ND (0.00093)
Trichloroethene	200	-	-	ND (0.00094)	ND (0.0013)	ND (0.00085)	ND (0.00089)	ND (0.00085)	ND (0.0014)	ND (0.00088)	-	-	ND (0.0011)	ND (0.00095)	ND (0.001)	ND (0.00093)	ND (0.001)	ND (0.001)	ND (0.00093)
Trichlorofluoromethane (CFC-11)	NA	-	-	ND (0.00094)	ND (0.0013)	ND (0.00085)	ND (0.00089)	ND (0.00085)	ND (0.0014)	ND (0.00088)	-	-	ND (0.0011)	ND (0.00095)	ND (0.001)	ND (0.00093)	ND (0.001)	ND (0.001)	ND (0.00093)
Trifluorotrichloroethane (Freon 113)	NA	-	-	ND (0.00094)	ND (0.0013)	ND (0.00085)	ND (0.00089)	ND (0.00085)	ND (0.0014)	ND (0.00088)	-	-	ND (0.0011)	ND (0.00095)	ND (0.001)	ND (0.00093)	ND (0.001)	ND (0.001)	ND (0.00093)
Vinyl chloride	13	-	-	ND (0.00094)	ND (0.0013)	ND (0.00085)	ND (0.00089)	ND (0.00085)	ND (0.0014)	ND (0.00088)	-	-	ND (0.0011)	ND (0.00095)	ND (0.001)	ND (0.00093)	ND (0.001)	ND (0.001)	ND (0.00093)
Xylene (Total)	500	-	-	ND (0.0019)	ND (0.0026)	ND (0.0017)	ND (0.0018)	ND (0.0017)	ND (0.0028)	ND (0.0018)	-	-	ND (0.0023)	ND (0.0019)	ND (0.0021)	ND (0.0019)	ND (0.0021)	ND (0.002)	ND (0.0019)

TABLE 11
SUMMARY OF SOIL QUALITY DATA - BERM 44
FORMER PORT MOBIL TERMINAL
STATEN ISLAND, NEW YORK
FILE NO. 0208998

	Criteria																		
Location Name	NY Part 375	44C	44C	44C1	44C1	44C1	44C2	44C2	44C3	44C3	44D	44D	44D1	44D1	44D2	44D2	44D2	44D3	44D3
Sample Name	Commercial	44C_0-4	44C_4-8	44C1_1-2	44C1_4-5	44C1_7-8	44C2_2-3	44C2_5-6	44C3_3-4	44C3_6-7	44D_0-4	44D_4-8	44D1_1-2	44D1_4-5	44D2_2-3	44D2_5-6	44D2_7-8	44D3_3-4	44D3_6-7
Sample Date	Use	10/07/2025	10/07/2025	10/07/2025	10/07/2025	10/07/2025	10/07/2025	10/07/2025	10/07/2025	10/07/2025	10/07/2025	10/07/2025	10/07/2025	10/07/2025	10/07/2025	10/07/2025	10/07/2025	10/07/2025	10/07/2025
Lab Sample ID	Soil Cleanup	460-336648-5	460-336648-6	460-336648-37	460-336648-40	460-336648-43	460-336648-38	460-336648-41	460-336648-39	460-336648-42	460-336648-7	460-336648-8	460-336648-44	460-336648-47	460-336648-45	460-336648-48	460-336648-50	460-336648-46	460-336648-49
Sample Depth (bgs)	Objectives	0 - 4 (ft)	4 - 8 (ft)	1 - 2 (ft)	4 - 5 (ft)	7 - 8 (ft)	2 - 3 (ft)	5 - 6 (ft)	3 - 4 (ft)	6 - 7 (ft)	0 - 4 (ft)	4 - 8 (ft)	1 - 2 (ft)	4 - 5 (ft)	2 - 3 (ft)	5 - 6 (ft)	7 - 8 (ft)	3 - 4 (ft)	6 - 7 (ft)
Semi-Volatile Organic Compounds (mg/kg)																			
1,2,4,5-Tetrachlorobenzene	NA	ND (0.35)	ND (0.35)	-	-	-	-	-	-	-	ND (0.34)	ND (0.35)	-	-	-	-	-	-	-
1,4-Dioxane	130	ND (0.035)	ND (0.035)	-	-	-	-	-	-	-	ND (0.034)	ND (0.035)	-	-	-	-	-	-	-
2,2'-oxybis(1-Chloropropane)	NA	ND (0.35)	ND (0.35)	-	-	-	-	-	-	-	ND (0.34)	ND (0.35)	-	-	-	-	-	-	-
2,3,4,6-Tetrachlorophenol	NA	ND (0.35)	ND (0.35)	-	-	-	-	-	-	-	ND (0.34)	ND (0.35)	-	-	-	-	-	-	-
2,4,5-Trichlorophenol	NA	ND (0.35)	ND (0.35)	-	-	-	-	-	-	-	ND (0.34)	ND (0.35)	-	-	-	-	-	-	-
2,4,6-Trichlorophenol	NA	ND (0.14)	ND (0.14)	-	-	-	-	-	-	-	ND (0.14)	ND (0.14)	-	-	-	-	-	-	-
2,4-Dichlorophenol	NA	ND (0.14)	ND (0.14)	-	-	-	-	-	-	-	ND (0.14)	ND (0.14)	-	-	-	-	-	-	-
2,4-Dimethylphenol	NA	ND (0.35)	ND (0.35)	-	-	-	-	-	-	-	ND (0.34)	ND (0.35)	-	-	-	-	-	-	-
2,4-Dinitrophenol	NA	ND (0.28)	ND (0.28)	-	-	-	-	-	-	-	ND (0.28)	ND (0.28)	-	-	-	-	-	-	-
2,4-Dinitrotoluene	NA	ND (0.071)	ND (0.072)	-	-	-	-	-	-	-	ND (0.07)	ND (0.072)	-	-	-	-	-	-	-
2,6-Dinitrotoluene	NA	ND (0.071)	ND (0.072)	-	-	-	-	-	-	-	ND (0.07)	ND (0.072)	-	-	-	-	-	-	-
2-Chloronaphthalene	NA	ND (0.35)	ND (0.35)	-	-	-	-	-	-	-	ND (0.34)	ND (0.35)	-	-	-	-	-	-	-
2-Chlorophenol	NA	ND (0.35)	ND (0.35)	-	-	-	-	-	-	-	ND (0.34)	ND (0.35)	-	-	-	-	-	-	-
2-Methylnaphthalene	NA	ND (0.35)	ND (0.35)	-	-	-	-	-	-	-	ND (0.34)	ND (0.35)	-	-	-	-	-	-	-
2-Methylphenol (o-Cresol)	500	ND (0.35)	ND (0.35)	-	-	-	-	-	-	-	ND (0.34)	ND (0.35)	-	-	-	-	-	-	-
2-Nitroaniline	NA	ND (0.35)	ND (0.35)	-	-	-	-	-	-	-	ND (0.34)	ND (0.35)	-	-	-	-	-	-	-
2-Nitrophenol	NA	ND (0.35)	ND (0.35)	-	-	-	-	-	-	-	ND (0.34)	ND (0.35)	-	-	-	-	-	-	-
3&4-Methylphenol	NA	ND (0.35)	ND (0.35)	-	-	-	-	-	-	-	ND (0.34)	ND (0.35)	-	-	-	-	-	-	-
3,3'-Dichlorobenzidine	NA	ND (0.14)	ND (0.14)	-	-	-	-	-	-	-	ND (0.14)	ND (0.14)	-	-	-	-	-	-	-
3-Nitroaniline	NA	ND (0.35)	ND (0.35)	-	-	-	-	-	-	-	ND (0.34)	ND (0.35)	-	-	-	-	-	-	-
4,6-Dinitro-2-methylphenol	NA	ND (0.28)	ND (0.28)	-	-	-	-	-	-	-	ND (0.28)	ND (0.28)	-	-	-	-	-	-	-
4-Bromophenyl phenyl ether (BDE-3)	NA	ND (0.35)	ND (0.35)	-	-	-	-	-	-	-	ND (0.34)	ND (0.35)	-	-	-	-	-	-	-
4-Chloro-3-methylphenol	NA	ND (0.35)	ND (0.35)	-	-	-	-	-	-	-	ND (0.34)	ND (0.35)	-	-	-	-	-	-	-
4-Chloroaniline	NA	ND (0.35)	ND (0.35)	-	-	-	-	-	-	-	ND (0.34)	ND (0.35)	-	-	-	-	-	-	-
4-Chlorophenyl phenyl ether	NA	ND (0.35)	ND (0.35)	-	-	-	-	-	-	-	ND (0.34)	ND (0.35)	-	-	-	-	-	-	-
4-Methylphenol	500	ND (0.35)	ND (0.35)	-	-	-	-	-	-	-	ND (0.34)	ND (0.35)	-	-	-	-	-	-	-
4-Nitroaniline	NA	ND (0.35)	ND (0.35)	-	-	-	-	-	-	-	ND (0.34)	ND (0.35)	-	-	-	-	-	-	-
4-Nitrophenol	NA	ND (0.71)	ND (0.72)	-	-	-	-	-	-	-	ND (0.7)	ND (0.72)	-	-	-	-	-	-	-
Acenaphthene	500	ND (0.35)	ND (0.35)	-	-	-	-	-	-	-	ND (0.34)	ND (0.35)	-	-	-	-	-	-	-
Acenaphthylene	500	ND (0.35)	ND (0.35)	-	-	-	-	-	-	-	ND (0.34)	ND (0.35)	-	-	-	-	-	-	-
Acetophenone	NA	ND (0.35)	ND (0.35)	-	-	-	-	-	-	-	ND (0.34)	ND (0.35)	-	-	-	-	-	-	-
Anthracene	500	ND (0.35)	ND (0.35)	-	-	-	-	-	-	-	ND (0.34)	ND (0.35)	-	-	-	-	-	-	-
Atrazine	NA	ND (0.14)	ND (0.14)	-	-	-	-	-	-	-	ND (0.14)	ND (0.14)	-	-	-	-	-	-	-
Benzaldehyde	NA	ND (0.35)	ND (0.35)	-	-	-	-	-	-	-	ND (0.34)	ND (0.35)	-	-	-	-	-	-	-
Benzo(a)anthracene	5.6	ND (0.035)	ND (0.035)	-	-	-	-	-	-	-	ND (0.034)	ND (0.035)	-	-	-	-	-	-	-
Benzo(a)pyrene	1	ND (0.035)	ND (0.035)	-	-	-	-	-	-	-	ND (0.034)	ND (0.035)	-	-	-	-	-	-	-
Benzo(b)fluoranthene	5.6	ND (0.035)	ND (0.035)	-	-	-	-	-	-	-	ND (0.034)	ND (0.035)	-	-	-	-	-	-	-
Benzo(g,h,i)perylene	500	ND (0.35)	ND (0.35)	-	-	-	-	-	-	-	ND (0.34)	ND (0.35)	-	-	-	-	-	-	-
Benzo(k)fluoranthene	56	ND (0.035)	ND (0.035)	-	-	-	-	-	-	-	ND (0.034)	ND (0.035)	-	-	-	-	-	-	-
Biphenyl	NA	ND (0.35)	ND (0.35)	-	-	-	-	-	-	-	ND (0.34)	ND (0.35)	-	-	-	-	-	-	-
bis(2-Chloroethoxy)methane	NA	ND (0.35)	ND (0.35)	-	-	-	-	-	-	-	ND (0.34)	ND (0.35)	-	-	-	-	-	-	-
bis(2-Chloroethyl)ether	NA	ND (0.035)	ND (0.035)	-	-	-	-	-	-	-	ND (0.034)	ND (0.035)	-	-	-	-	-	-	-
bis(2-Ethylhexyl)phthalate	NA	ND (0.35)	ND (0.35)	-	-	-	-	-	-	-	ND (0.34)	ND (0.35)	-	-	-	-	-	-	-
Butyl benzylphthalate (BBP)	NA	ND (0.35)	ND (0.35)	-	-	-	-	-	-	-	ND (0.34)	ND (0.35)	-	-	-	-	-	-	-
Caprolactam	NA	ND (0.35)	ND (0.35)	-	-	-	-	-	-	-	ND (0.34)	ND (0.35)	-	-	-	-	-	-	-
Carbazole	NA	ND (0.35)	ND (0.35)	-	-	-	-	-	-	-	ND (0.34)	ND (0.35)	-	-	-	-	-	-	-
Chrysene	56	ND (0.35)	ND (0.35)	-	-	-	-	-	-	-	ND (0.34)	ND (0.35)	-	-	-	-	-	-	-
Dibenz(a,h)anthracene	0.56	ND (0.035)	ND (0.035)	-	-	-	-	-	-	-	ND (0.034)	ND (0.035)	-	-	-	-	-	-	-
Dibenzofuran	350	ND (0.35)	ND (0.35)	-	-	-	-	-	-	-	ND (0.34)	ND (0.35)	-	-	-	-	-	-	-
Diethyl phthalate	NA	ND (0.35)	ND (0.35)	-	-	-	-	-	-	-	ND (0.34)	ND (0.35)	-	-	-	-	-	-	-
Dimethyl phthalate	NA	ND (0.35)	ND (0.35)	-	-	-	-	-	-	-	ND (0.34)	ND (0.35)	-	-	-	-	-	-	-
Di-n-butylphthalate (DBP)	NA	ND (0.35)	ND (0.35)	-	-	-	-	-	-	-	ND (0.34)	ND (0.35)	-	-	-	-	-	-	-
Di-n-octyl phthalate (DnOP)	NA	ND (0.35)	ND (0.35)	-	-	-	-	-	-	-	ND (0.34)	ND (0.35)	-	-	-	-	-	-	-
Fluoranthene	500	ND (0.35)	ND (0.35)	-	-	-	-	-	-	-	ND (0.34)	ND (0.35)	-	-	-	-	-	-	-
Fluorene	500	ND (0.35)	ND (0.35)	-	-	-	-	-	-	-	ND (0.34)	ND (0.35)	-	-	-	-	-	-	-
Hexachlorobenzene	6	ND (0.035)	ND (0.035)	-	-	-	-	-	-	-	ND (0.034)	ND (0.035)	-	-	-	-	-	-	-
Hexachlorobutadiene	NA	ND (0.071)	ND (0.072)	-	-	-	-	-	-	-	ND (0.07)	ND (0.072)	-	-	-	-	-	-	-
Hexachlorocyclopentadiene	NA	ND (0.35)	ND (0.35)	-	-	-	-	-	-	-	ND (0.34)	ND (0.35)	-	-	-	-	-	-	-
Hexachloroethane	NA	ND (0.035)	ND (0.035)	-	-	-	-	-	-	-	ND (0.034)	ND (0.035)	-	-	-	-	-	-	-
Indeno(1,2,3-cd)pyrene	5.6	ND (0.035)	ND (0.035)	-	-	-	-	-	-	-	ND (0.034)	ND (0.035)	-	-	-	-	-	-	-
Isophorone	NA	ND (0.14)	ND (0.14)	-	-	-	-	-	-	-	ND (0.14)	ND (0.14)	-	-	-	-	-	-	-
Naphthalene	500	ND (0.35)	ND (0.35)	-	-	-	-	-	-	-	ND (0.34)	ND (0.35)	-	-	-	-	-	-	-
Nitrobenzene	NA	ND (0.035)	ND (0.035)	-	-	-	-	-	-	-	ND (0.034)	ND (0.035)	-	-	-	-	-	-	-
N-Nitrosodi-n-propylamine	NA	ND (0.035)	ND (0.035)	-	-	-	-	-	-	-	ND (0.034)	ND (0.035)	-	-	-	-	-	-	-
N-Nitrosodiphenylamine	NA	ND (0.35)	ND (0.35)	-	-	-	-	-	-	-	ND (0.34)	ND (0.35)	-	-	-	-	-	-	-
Pentachlorophenol	6.7	ND (0.28)	ND (0.28)	-	-	-	-	-	-	-	ND (0.28)	ND (0.28)	-	-	-	-	-	-	-
Phenanthrene	500	ND (0.35)	ND (0.35)	-	-	-	-	-	-	-	ND (0.34)	ND (0.35)	-	-	-	-	-	-	-
Phenol	500	ND (0.35)	ND (0.35)	-	-	-	-	-	-	-	ND (0.34)	ND (0.35)	-	-	-	-	-	-	-
Pyrene	500	ND (0.35)	ND (0.35)	-	-	-	-	-	-	-	ND (0.34)	ND (0.35)	-	-	-	-	-	-	-

TABLE 11
SUMMARY OF SOIL QUALITY DATA - BERM 44
FORMER PORT MOBIL TERMINAL
STATEN ISLAND, NEW YORK
FILE NO. 0208998

	Criteria																		
Location Name	NY Part 375	44C	44C	44C1	44C1	44C1	44C2	44C2	44C3	44C3	44D	44D	44D1	44D1	44D2	44D2	44D2	44D3	44D3
Sample Name	Commercial	44C_0-4	44C_4-8	44C1_1-2	44C1_4-5	44C1_7-8	44C2_2-3	44C2_5-6	44C3_3-4	44C3_6-7	44D_0-4	44D_4-8	44D1_1-2	44D1_4-5	44D2_2-3	44D2_5-6	44D2_7-8	44D3_3-4	44D3_6-7
Sample Date	Use	10/07/2025	10/07/2025	10/07/2025	10/07/2025	10/07/2025	10/07/2025	10/07/2025	10/07/2025	10/07/2025	10/07/2025	10/07/2025	10/07/2025	10/07/2025	10/07/2025	10/07/2025	10/07/2025	10/07/2025	10/07/2025
Lab Sample ID	Soil Cleanup	460-336648-5	460-336648-6	460-336648-37	460-336648-40	460-336648-43	460-336648-38	460-336648-41	460-336648-39	460-336648-42	460-336648-7	460-336648-8	460-336648-44	460-336648-47	460-336648-45	460-336648-48	460-336648-50	460-336648-46	460-336648-49
Sample Depth (bgs)	Objectives	0 - 4 (ft)	4 - 8 (ft)	1 - 2 (ft)	4 - 5 (ft)	7 - 8 (ft)	2 - 3 (ft)	5 - 6 (ft)	3 - 4 (ft)	6 - 7 (ft)	0 - 4 (ft)	4 - 8 (ft)	1 - 2 (ft)	4 - 5 (ft)	2 - 3 (ft)	5 - 6 (ft)	7 - 8 (ft)	3 - 4 (ft)	6 - 7 (ft)
PFAS (mg/kg)																			
11-Chloroeicosafluoro-3-Oxaundecane-1-Sulfonic Acid (11Cl-PF3OUdS)	NA	ND (0.0002)	ND (0.00019)	-	-	-	-	-	-	-	ND (0.00019)	ND (0.0002)	-	-	-	-	-	-	-
2H,2H,3H,3H-Perfluorooctanoic acid (5:3 FTCA)	NA	ND (0.00099)	ND (0.00097)	-	-	-	-	-	-	-	ND (0.00097)	ND (0.00099)	-	-	-	-	-	-	-
3-(Perfluoroheptyl)propanoic acid (7:3 FTCA)	NA	ND (0.00099)	0.00061 J	-	-	-	-	-	-	-	0.00072 J	0.00069 J	-	-	-	-	-	-	-
3:3 Fluorotelomer carboxylic acid (3:3 FTCA)	NA	ND (0.0004)	ND (0.00039)	-	-	-	-	-	-	-	ND (0.00039)	ND (0.00039)	-	-	-	-	-	-	-
4,8-Dioxa-3H-Perfluorononanoic Acid (ADONA)	NA	ND (0.0002)	ND (0.00019)	-	-	-	-	-	-	-	ND (0.00019)	ND (0.0002)	-	-	-	-	-	-	-
4:2 Fluorotelomer sulfonic acid (4:2 FTS)	NA	ND (0.0004)	ND (0.00039)	-	-	-	-	-	-	-	ND (0.00039)	ND (0.00039)	-	-	-	-	-	-	-
6:2 Fluorotelomer sulfonic acid (6:2 FTS)	NA	0.00033 J	0.00055	-	-	-	-	-	-	-	ND (0.00039)	ND (0.00039)	-	-	-	-	-	-	-
8:2 Fluorotelomer sulfonic acid (8:2 FTS)	NA	0.00365	0.00204	-	-	-	-	-	-	-	0.00085	0.00045	-	-	-	-	-	-	-
9-Chlorohexadecafluoro-3-Oxanone-1-Sulfonic Acid (9Cl-PF3ONS)	NA	ND (0.0002)	ND (0.00019)	-	-	-	-	-	-	-	ND (0.00019)	ND (0.0002)	-	-	-	-	-	-	-
N-Ethyl Perfluorooctanesulfonamidoacetic Acid (NEtFOSAA)	NA	ND (0.0002)	ND (0.00019)	-	-	-	-	-	-	-	ND (0.00019)	ND (0.0002)	-	-	-	-	-	-	-
N-Ethylperfluorooctane sulfonamide (N-EtFOSA)	NA	ND (0.0002)	ND (0.00019)	-	-	-	-	-	-	-	ND (0.00019)	ND (0.0002)	-	-	-	-	-	-	-
N-Ethylperfluorooctane sulfonamidoethanol (N-EtFOSE)	NA	ND (0.00099)	ND (0.00097)	-	-	-	-	-	-	-	ND (0.00097)	ND (0.00099)	-	-	-	-	-	-	-
N-Methyl Perfluorooctanesulfonamidoacetic Acid (NMeFOSAA)	NA	ND (0.0002)	ND (0.00019)	-	-	-	-	-	-	-	ND (0.00019)	ND (0.0002)	-	-	-	-	-	-	-
N-Methylperfluorooctane sulfonamide (N-MeFOSA)	NA	ND (0.0002)	ND (0.00019)	-	-	-	-	-	-	-	ND (0.00019)	ND (0.0002)	-	-	-	-	-	-	-
N-Methylperfluorooctane sulfonamidoethanol (N-MeFOSE)	NA	ND (0.00099)	ND (0.00097)	-	-	-	-	-	-	-	ND (0.00097)	ND (0.00099)	-	-	-	-	-	-	-
Nonafluoro-3,6-dioxaheptanoic acid (NFDHA)	NA	ND (0.0002)	ND (0.00019)	-	-	-	-	-	-	-	ND (0.00019)	ND (0.0002)	-	-	-	-	-	-	-
Perfluoro(2-ethoxyethane) sulphonic acid (PFEESA)	NA	ND (0.0002)	ND (0.00019)	-	-	-	-	-	-	-	ND (0.00019)	ND (0.0002)	-	-	-	-	-	-	-
Perfluoro(4-methoxybutanoic) acid (PFMBA)	NA	ND (0.0002)	ND (0.00019)	-	-	-	-	-	-	-	ND (0.00019)	ND (0.0002)	-	-	-	-	-	-	-
Perfluoro-2-propoxypropanoic acid (PFPrOPrA)(GenX) (HFPO-DA)	NA	ND (0.0002)	ND (0.00019)	-	-	-	-	-	-	-	ND (0.00019)	ND (0.0002)	-	-	-	-	-	-	-
Perfluoro-3-methoxypropanoic acid (PFMPA)	NA	ND (0.0002)	ND (0.00019)	-	-	-	-	-	-	-	ND (0.00019)	ND (0.0002)	-	-	-	-	-	-	-
Perfluorobutanesulfonic acid (PFBS)	NA	ND (0.0002)	ND (0.00019)	-	-	-	-	-	-	-	ND (0.00019)	ND (0.0002)	-	-	-	-	-	-	-
Perfluorobutanoic acid (PFBA)	NA	ND (0.0004)	ND (0.00039)	-	-	-	-	-	-	-	ND (0.00039)	ND (0.00394)	-	-	-	-	-	-	-
Perfluorodecanesulfonic acid (PFDS)	NA	ND (0.0002)	ND (0.00019)	-	-	-	-	-	-	-	ND (0.00019)	ND (0.0002)	-	-	-	-	-	-	-
Perfluorodecanoic acid (PFDA)	NA	0.00179	0.0003	-	-	-	-	-	-	-	0.00055	0.00066	-	-	-	-	-	-	-
Perfluorododecane sulfonic acid (PFDoDS)	NA	ND (0.0002)	ND (0.00019)	-	-	-	-	-	-	-	ND (0.00019)	ND (0.0002)	-	-	-	-	-	-	-
Perfluorododecanoic acid (PFDoDA)	NA	0.00079	0.00055	-	-	-	-	-	-	-	0.00052	0.00035	-	-	-	-	-	-	-
Perfluoroheptanesulfonic acid (PFHpS)	NA	ND (0.0002)	ND (0.00019)	-	-	-	-	-	-	-	ND (0.00019)	ND (0.0002)	-	-	-	-	-	-	-
Perfluoroheptanoic acid (PFHpA)	NA	0.00018 J	ND (0.00019)	-	-	-	-	-	-	-	ND (0.00019)	ND (0.0002)	-	-	-	-	-	-	-
Perfluorohexanesulfonic acid (PFHxS)	NA	ND (0.0002)	ND (0.00019)	-	-	-	-	-	-	-	ND (0.00019)	ND (0.0002)	-	-	-	-	-	-	-
Perfluorohexanoic acid (PFHxA)	NA	ND (0.0002)	ND (0.00019)	-	-	-	-	-	-	-	ND (0.00019)	ND (0.0002)	-	-	-	-	-	-	-
Perfluorononane sulfonic acid (PFNS)	NA	ND (0.0002)	ND (0.00019)	-	-	-	-	-	-	-	ND (0.00019)	ND (0.0002)	-	-	-	-	-	-	-
Perfluorononanoic acid (PFNA)	NA	0.00143	0.00029	-	-	-	-	-	-	-	0.00041	0.00036	-	-	-	-	-	-	-
Perfluorooctane sulfonamide (PFOSA)	NA	ND (0.0002)	ND (0.00019)	-	-	-	-	-	-	-	ND (0.00019)	ND (0.0002)	-	-	-	-	-	-	-
Perfluorooctanesulfonic acid (PFOS)	0.44	ND (0.0002)	ND (0.00019)	-	-	-	-	-	-	-	ND (0.00019)	ND (0.0002)	-	-	-	-	-	-	-
Perfluorooctanoic acid (PFOA)	0.5	0.0003	0.00015 J	-	-	-	-	-	-	-	0.00016 J	0.0001 J	-	-	-	-	-	-	-
Perfluoropentanesulfonic acid (PFPeS)	NA	ND (0.0002)	ND (0.00019)	-	-	-	-	-	-	-	ND (0.00019)	ND (0.0002)	-	-	-	-	-	-	-
Perfluoropentanoic acid (PFPeA)	NA	0.0001 J	ND (0.00019)	-	-	-	-	-	-	-	ND (0.00019)	ND (0.0002)	-	-	-	-	-	-	-
Perfluorotetradecanoic acid (PFTeDA)	NA	0.00019 J	0.00037	-	-	-	-	-	-	-	0.00017 J	0.00011 J	-	-	-	-	-	-	-
Perfluorotridecanoic acid (PFTrDA)	NA	0.00218	0.00248	-	-	-	-	-	-	-	0.00148	0.00108	-	-	-	-	-	-	-
Perfluoroundecanoic acid (PFUnDA)	NA	0.00746	0.00181	-	-	-	-	-	-	-	0.00479	0.00295	-	-	-	-	-	-	-
Pesticides (mg/kg)																			
4,4'-DDD	92	ND (0.0072)	ND (0.0072)	-	-	-	-	-	-	-	ND (0.007)	ND (0.0072)	-	-	-	-	-	-	-
4,4'-DDE	62	ND (0.0072)	ND (0.0072)	-	-	-	-	-	-	-	ND (0.007)	ND (0.0072)	-	-	-	-	-	-	-
4,4'-DDT	47	ND (0.0072)	ND (0.0072)	-	-	-	-	-	-	-	ND (0.007)	ND (0.0072)	-	-	-	-	-	-	-
Aldrin	0.68	ND (0.0072)	ND (0.0072)	-	-	-	-	-	-	-	ND (0.007)	ND (0.0072)	-	-	-	-	-	-	-
alpha-BHC	3.4	ND (0.0021)	ND (0.0021)	-	-	-	-	-	-	-	ND (0.0021)	ND (0.0021)	-	-	-	-	-	-	-
alpha-Chlordane (cis)	24	ND (0.0072)	ND (0.0072)	-	-	-	-	-	-	-	ND (0.007)	ND (0.0072)	-	-	-	-	-	-	-
beta-BHC	3	ND (0.0021)	ND (0.0021)	-	-	-	-	-	-	-	ND (0.0021)	ND (0.0021)	-	-	-	-	-	-	-
Chlordane	NA	ND (0.072)	ND (0.072)	-	-	-	-	-	-	-	ND (0.07)	ND (0.072)	-	-	-	-	-	-	-
delta-BHC	500	ND (0.0021)	ND (0.0021)	-	-	-	-	-	-	-	ND (0.0021)	ND (0.0021)	-	-	-	-	-	-	-
Dieldrin	1.4	ND (0.0021)	ND (0.0021)	-	-	-	-	-	-	-	ND (0.0021)	ND (0.0021)	-	-	-	-	-	-	-
Endosulfan I	200	ND (0.0072)	ND (0.0072)	-	-	-	-	-	-	-	ND (0.007)	ND (0.0072)	-	-	-	-	-	-	-
Endosulfan II	200	ND (0.0072)	ND (0.0072)	-	-	-	-	-	-	-	ND (0.007)	ND (0.0072)	-	-	-	-	-	-	-
Endosulfan sulfate	200	ND (0.0072)	ND (0.0072)	-	-	-	-	-	-	-	ND (0.007)	ND (0.0072)	-	-	-	-	-	-	-
Endrin	89	ND (0.0072)	ND (0.0072)	-	-	-	-	-	-	-	ND (0.007)	ND (0.0072)	-	-	-	-	-	-	-
Endrin aldehyde	NA	ND (0.0072)	ND (0.0072)	-	-	-	-	-	-	-	ND (0.007)	ND (0.0072)	-	-	-	-	-	-	-
Endrin ketone	NA	ND (0.0072)	ND (0.0072)	-	-	-	-	-	-	-	ND (0.007)	ND (0.0072)	-	-	-	-	-	-	-
gamma-BHC (Lindane)	9.2	ND (0.0021)	ND (0.0021)	-	-	-	-	-	-	-	ND (0.0021)	ND (0.0021)	-	-	-	-	-	-	-
Heptachlor	15	ND (0.0072)	ND (0.0072)	-	-	-	-	-	-	-	ND (0.007)	ND (0.0072)	-	-	-	-	-	-	-
Heptachlor epoxide	NA	ND (0.0072)	ND (0.0072)	-	-	-	-	-	-	-	ND (0.007)	ND (0.0072)	-	-	-	-	-	-	-
Methoxychlor	NA	ND (0.0072)	ND (0.0072)	-	-	-	-	-	-	-	ND (0.007)	ND (0.0072)	-	-	-	-	-	-	-
Toxaphene	NA	ND (0.072)	ND (0.072)	-	-	-	-	-	-	-	ND (0.07)	ND (0.072)	-	-	-	-	-	-	-

TABLE 11
SUMMARY OF SOIL QUALITY DATA - BERM 44
FORMER PORT MOBIL TERMINAL
STATEN ISLAND, NEW YORK
FILE NO. 0208998

	Criteria																		
Location Name	NY Part 375	44C	44C	44C1	44C1	44C1	44C2	44C2	44C3	44C3	44D	44D	44D1	44D1	44D2	44D2	44D2	44D3	44D3
Sample Name	Commercial	44C_0-4	44C_4-8	44C1_1-2	44C1_4-5	44C1_7-8	44C2_2-3	44C2_5-6	44C3_3-4	44C3_6-7	44D_0-4	44D_4-8	44D1_1-2	44D1_4-5	44D2_2-3	44D2_5-6	44D2_7-8	44D3_3-4	44D3_6-7
Sample Date	Use	10/07/2025	10/07/2025	10/07/2025	10/07/2025	10/07/2025	10/07/2025	10/07/2025	10/07/2025	10/07/2025	10/07/2025	10/07/2025	10/07/2025	10/07/2025	10/07/2025	10/07/2025	10/07/2025	10/07/2025	10/07/2025
Lab Sample ID	Soil Cleanup	460-336648-5	460-336648-6	460-336648-37	460-336648-40	460-336648-43	460-336648-38	460-336648-41	460-336648-39	460-336648-42	460-336648-7	460-336648-8	460-336648-44	460-336648-47	460-336648-45	460-336648-48	460-336648-50	460-336648-46	460-336648-49
Sample Depth (bgs)	Objectives	0 - 4 (ft)	4 - 8 (ft)	1 - 2 (ft)	4 - 5 (ft)	7 - 8 (ft)	2 - 3 (ft)	5 - 6 (ft)	3 - 4 (ft)	6 - 7 (ft)	0 - 4 (ft)	4 - 8 (ft)	1 - 2 (ft)	4 - 5 (ft)	2 - 3 (ft)	5 - 6 (ft)	7 - 8 (ft)	3 - 4 (ft)	6 - 7 (ft)
Polychlorinated Biphenyls (mg/kg)																			
Aroclor-1016 (PCB-1016)	NA	ND (0.072)	ND (0.072)	-	-	-	-	-	-	-	ND (0.07)	ND (0.072)	-	-	-	-	-	-	-
Aroclor-1221 (PCB-1221)	NA	ND (0.072)	ND (0.072)	-	-	-	-	-	-	-	ND (0.07)	ND (0.072)	-	-	-	-	-	-	-
Aroclor-1232 (PCB-1232)	NA	ND (0.072)	ND (0.072)	-	-	-	-	-	-	-	ND (0.07)	ND (0.072)	-	-	-	-	-	-	-
Aroclor-1242 (PCB-1242)	NA	ND (0.072)	ND (0.072)	-	-	-	-	-	-	-	ND (0.07)	ND (0.072)	-	-	-	-	-	-	-
Aroclor-1248 (PCB-1248)	NA	ND (0.072)	ND (0.072)	-	-	-	-	-	-	-	ND (0.07)	ND (0.072)	-	-	-	-	-	-	-
Aroclor-1254 (PCB-1254)	NA	ND (0.072)	ND (0.072)	-	-	-	-	-	-	-	ND (0.07)	ND (0.072)	-	-	-	-	-	-	-
Aroclor-1260 (PCB-1260)	NA	ND (0.072)	ND (0.072)	-	-	-	-	-	-	-	ND (0.07)	ND (0.072)	-	-	-	-	-	-	-
Aroclor-1262 (PCB-1262)	NA	ND (0.072)	ND (0.072)	-	-	-	-	-	-	-	ND (0.07)	ND (0.072)	-	-	-	-	-	-	-
Aroclor-1268 (PCB-1268)	NA	ND (0.072)	ND (0.072)	-	-	-	-	-	-	-	ND (0.07)	ND (0.072)	-	-	-	-	-	-	-
Total PCBs	1	ND (0.072)	ND (0.072)	-	-	-	-	-	-	-	ND (0.07)	ND (0.072)	-	-	-	-	-	-	-
Inorganic Compounds (mg/kg)																			
Aluminum	NA	6960	5180	-	-	-	-	-	-	-	6090	6220	-	-	-	-	-	-	-
Antimony	NA	2.5	3.2	-	-	-	-	-	-	-	2.8	2.4	-	-	-	-	-	-	-
Arsenic	16	8.9	10.6	-	-	-	-	-	-	-	10.3	9	-	-	-	-	-	-	-
Barium	400	36.2	26.6	-	-	-	-	-	-	-	39.3	38.2	-	-	-	-	-	-	-
Beryllium	590	0.55	0.44	-	-	-	-	-	-	-	0.6	2.8	-	-	-	-	-	-	-
Cadmium	9.3	0.23 J	0.38 J	-	-	-	-	-	-	-	0.34 J	0.29 J	-	-	-	-	-	-	-
Calcium	NA	3140	15000	-	-	-	-	-	-	-	4830	5990	-	-	-	-	-	-	-
Chromium	NA	32.4	38.5	-	-	-	-	-	-	-	25.5	29.2	-	-	-	-	-	-	-
Cobalt	NA	6.7	5.2	-	-	-	-	-	-	-	5.5	8.1	-	-	-	-	-	-	-
Copper	270	53	55.5	-	-	-	-	-	-	-	52.2	79.1	-	-	-	-	-	-	-
Iron	NA	19700	20300	-	-	-	-	-	-	-	20900	20900	-	-	-	-	-	-	-
Lead	1000	96	131	-	-	-	-	-	-	-	96.5	126	-	-	-	-	-	-	-
Magnesium	NA	3030	9360	-	-	-	-	-	-	-	3930	4800	-	-	-	-	-	-	-
Manganese	10000	175	168	-	-	-	-	-	-	-	202	188	-	-	-	-	-	-	-
Mercury	2.8	0.029	0.04	-	-	-	-	-	-	-	0.039	0.035	-	-	-	-	-	-	-
Nickel	310	21.4	17.4	-	-	-	-	-	-	-	14.2	35.7	-	-	-	-	-	-	-
Potassium	NA	1440	1180	-	-	-	-	-	-	-	1320	1420	-	-	-	-	-	-	-
Selenium	1500	0.53 J	0.32 J	-	-	-	-	-	-	-	0.33 J	0.72 J	-	-	-	-	-	-	-
Silver	1500	0.28 J	0.33 J	-	-	-	-	-	-	-	0.34	0.29 J	-	-	-	-	-	-	-
Sodium	NA	75.5 J	45.9 J	-	-	-	-	-	-	-	65.5 J	78.3 J	-	-	-	-	-	-	-
Thallium	NA	0.071 J	0.065 J	-	-	-	-	-	-	-	0.075 J	0.086 J	-	-	-	-	-	-	-
Vanadium	NA	26.6	25.1	-	-	-	-	-	-	-	27.9	26.5	-	-	-	-	-	-	-
Zinc	10000	114	131	-	-	-	-	-	-	-	80.8	193	-	-	-	-	-	-	-

ABBREVIATIONS AND NOTES:

mg/kg: milligram per kilogram

**: LCS or LCSD is outside acceptance limits.*
-: Not Analyzed
B: Compound was found in the blank and the associated sample.
bgs: below ground surface
ft: feet
J: Value is estimated.
NA: Not Applicable
ND (2.5): Not detected, number in parentheses is the laboratory reporting limit

- For test methods used, see the laboratory data sheets.
- Soil analytical results are compared to the New York State Department of Environmental Conservation (NYSDEC) Title 6 of the Official Compilation of New York Codes, Rules, and Regulations (NYCRR) Part 375 Commercial Use Soil Cleanup Objectives (SCO).
- Grey shading indicates an exceedance of the Commercial Use Soil Cleanup Objectives.

TABLE 11
SUMMARY OF SOIL QUALITY DATA - BERM 44
FORMER PORT MOBIL TERMINAL
STATEN ISLAND, NEW YORK
FILE NO. 0208998

	Criteria																		
Location Name	NY Part 375	44E	44E	44E1	44E1	44E2	44E2	44E2	44E3	44E3	44F	44F	44F1	44F1	44F1	44F2	44F2	44F3	44F3
Sample Name	Commercial	44E_0-4	44E_4-8	44E1_1-2	44E1_5-6	44E2_2-3	44E2_6-7	44E2_7-8	44E3_3-4	44E3_4-5	44F_0-4	44F_4-8	44F1_1-2	44F1_5-6	44F1_7-8	44F2_2-3	44F2_6-7	44F3_4-5	44F3_7-8
Sample Date	Use	10/07/2025	10/07/2025	10/07/2025	10/07/2025	10/07/2025	10/07/2025	10/07/2025	10/07/2025	10/07/2025	10/07/2025	10/07/2025	10/07/2025	10/07/2025	10/07/2025	10/07/2025	10/07/2025	10/07/2025	10/07/2025
Lab Sample ID	Soil Cleanup	460-336648-9	460-336648-10	460-336648-51	460-336648-54	460-336648-52	460-336648-55	460-336648-56	460-336648-53	460-336648-57	460-336648-11	460-336648-12	460-336648-58	460-336648-61	460-336648-64	460-336648-59	460-336648-62	460-336648-60	460-336648-63
Sample Depth (bgs)	Objectives	0 - 4 (ft)	4 - 8 (ft)	1 - 2 (ft)	5 - 6 (ft)	2 - 3 (ft)	6 - 7 (ft)	7 - 8 (ft)	3 - 4 (ft)	4 - 5 (ft)	0 - 4 (ft)	4 - 8 (ft)	1 - 2 (ft)	5 - 6 (ft)	7 - 8 (ft)	2 - 3 (ft)	6 - 7 (ft)	4 - 5 (ft)	7 - 8 (ft)
Volatile Organic Compounds (mg/kg)																			
1,1,1-Trichloroethane	500	-	-	ND (0.0011)	ND (0.00083)	ND (0.00096)	ND (0.0013)	ND (0.00097)	ND (0.0014)	ND (0.00096)	-	-	ND (0.001)	ND (0.00096)	ND (0.00081)	ND (0.00096)	ND (0.0011)	ND (0.0012)	ND (0.00096)
1,1,2,2-Tetrachloroethane	NA	-	-	ND (0.0011)	ND (0.00083)	ND (0.00096)	ND (0.0013)	ND (0.00097)	ND (0.0014)	ND (0.00096)	-	-	ND (0.001)	ND (0.00096)	ND (0.00081)	ND (0.00096)	ND (0.0011)	ND (0.0012)	ND (0.00096)
1,1,2-Trichloroethane	NA	-	-	ND (0.0011)	ND (0.00083)	ND (0.00096)	ND (0.0013)	ND (0.00097)	ND (0.0014)	ND (0.00096)	-	-	ND (0.001)	ND (0.00096)	ND (0.00081)	ND (0.00096)	ND (0.0011)	ND (0.0012)	ND (0.00096)
1,1-Dichloroethane	240	-	-	ND (0.0011)	ND (0.00083)	ND (0.00096)	ND (0.0013)	ND (0.00097)	ND (0.0014)	ND (0.00096)	-	-	ND (0.001)	ND (0.00096)	ND (0.00081)	ND (0.00096)	ND (0.0011)	ND (0.0012)	ND (0.00096)
1,1-Dichloroethene	500	-	-	ND (0.0011)	ND (0.00083)	ND (0.00096)	ND (0.0013)	ND (0.00097)	ND (0.0014)	ND (0.00096)	-	-	ND (0.001)	ND (0.00096)	ND (0.00081)	ND (0.00096)	ND (0.0011)	ND (0.0012)	ND (0.00096)
1,2,3-Trichlorobenzene	NA	-	-	ND (0.0011)	ND (0.00083)	ND (0.00096)	ND (0.0013)	ND (0.00097)	ND (0.0014)	ND (0.00096)	-	-	ND (0.001)	ND (0.00096)	ND (0.00081)	ND (0.00096)	ND (0.0011)	ND (0.0012)	ND (0.00096)
1,2,4-Trichlorobenzene	NA	-	-	ND (0.0011)	ND (0.00083)	ND (0.00096)	ND (0.0013)	ND (0.00097)	ND (0.0014)	ND (0.00096)	-	-	ND (0.001)	ND (0.00096)	ND (0.00081)	ND (0.00096)	ND (0.0011)	ND (0.0012)	ND (0.00096)
1,2,4-Trimethylbenzene	190	-	-	ND (0.0011)	ND (0.00083)	ND (0.00096)	ND (0.0013)	ND (0.00097)	ND (0.0014)	ND (0.00096)	-	-	ND (0.001)	ND (0.00096)	ND (0.00081)	ND (0.00096)	ND (0.0011)	ND (0.0012)	ND (0.00096)
1,2-Dibromo-3-chloropropane (DBCP)	NA	-	-	ND (0.0011)	ND (0.00083)	ND (0.00096)	ND (0.0013)	ND (0.00097)	ND (0.0014)	ND (0.00096)	-	-	ND (0.001)	ND (0.00096)	ND (0.00081)	ND (0.00096)	ND (0.0011)	ND (0.0012)	ND (0.00096)
1,2-Dibromoethane (Ethylene Dibromide)	NA	-	-	ND (0.0011)	ND (0.00083)	ND (0.00096)	ND (0.0013)	ND (0.00097)	ND (0.0014)	ND (0.00096)	-	-	ND (0.001)	ND (0.00096)	ND (0.00081)	ND (0.00096)	ND (0.0011)	ND (0.0012)	ND (0.00096)
1,2-Dichlorobenzene	500	-	-	ND (0.0011)	ND (0.00083)	ND (0.00096)	ND (0.0013)	ND (0.00097)	ND (0.0014)	ND (0.00096)	-	-	ND (0.001)	ND (0.00096)	ND (0.00081)	ND (0.00096)	ND (0.0011)	ND (0.0012)	ND (0.00096)
1,2-Dichloroethane	30	-	-	ND (0.0011)	ND (0.00083)	ND (0.00096)	ND (0.0013)	ND (0.00097)	ND (0.0014)	ND (0.00096)	-	-	ND (0.001)	ND (0.00096)	ND (0.00081)	ND (0.00096)	ND (0.0011)	ND (0.0012)	ND (0.00096)
1,2-Dichloropropane	NA	-	-	ND (0.0011)	ND (0.00083)	ND (0.00096)	ND (0.0013)	ND (0.00097)	ND (0.0014)	ND (0.00096)	-	-	ND (0.001)	ND (0.00096)	ND (0.00081)	ND (0.00096)	ND (0.0011)	ND (0.0012)	ND (0.00096)
1,3,5-Trimethylbenzene	190	-	-	ND (0.0011)	ND (0.00083)	ND (0.00096)	ND (0.0013)	ND (0.00097)	ND (0.0014)	ND (0.00096)	-	-	ND (0.001)	ND (0.00096)	ND (0.00081)	ND (0.00096)	ND (0.0011)	ND (0.0012)	ND (0.00096)
1,3-Dichlorobenzene	280	-	-	ND (0.0011)	ND (0.00083)	ND (0.00096)	ND (0.0013)	ND (0.00097)	ND (0.0014)	ND (0.00096)	-	-	ND (0.001)	ND (0.00096)	ND (0.00081)	ND (0.00096)	ND (0.0011)	ND (0.0012)	ND (0.00096)
1,4-Dichlorobenzene	130	-	-	ND (0.0011)	ND (0.00083)	ND (0.00096)	ND (0.0013)	ND (0.00097)	ND (0.0014)	ND (0.00096)	-	-	ND (0.001)	ND (0.00096)	ND (0.00081)	ND (0.00096)	ND (0.0011)	ND (0.0012)	ND (0.00096)
2-Butanone (Methyl Ethyl Ketone)	500	-	-	ND (0.0054)	ND (0.0041)	ND (0.0048)	ND (0.0063)	ND (0.0049)	ND (0.0069)	ND (0.0048)	-	-	ND (0.0051)	ND (0.0048)	ND (0.004)	ND (0.0048)	ND (0.0056)	ND (0.0058)	ND (0.0048)
2-Hexanone (Methyl Butyl Ketone)	NA	-	-	ND (0.0054) *	ND (0.0041) *	ND (0.0048) *	ND (0.0063) *	ND (0.0049) *	ND (0.0069) *	ND (0.0048) *	-	-	ND (0.0051) *	ND (0.0048) *	ND (0.004) *	ND (0.0048) *	ND (0.0056) *	ND (0.0058) *	ND (0.0048) *
2-Phenylbutane (sec-Butylbenzene)	500	-	-	ND (0.0011)	ND (0.00083)	ND (0.00096)	ND (0.0013)	ND (0.00097)	ND (0.0014)	ND (0.00096)	-	-	ND (0.001)	ND (0.00096)	ND (0.00081)	ND (0.00096)	ND (0.0011)	ND (0.0012)	ND (0.00096)
4-Methyl-2-Pentanone (Methyl Isobutyl Ketone)	NA	-	-	ND (0.0054) *	ND (0.0041) *	ND (0.0048) *	ND (0.0063) *	ND (0.0049) *	ND (0.0069) *	ND (0.0048) *	-	-	ND (0.0051) *	ND (0.0048) *	ND (0.004) *	ND (0.0048) *	ND (0.0056) *	ND (0.0058) *	ND (0.0048) *
Acetone	500	-	-	ND (0.0065)	ND (0.005)	ND (0.0057)	0.0079	ND (0.0058)	ND (0.0083)	ND (0.0058)	-	-	ND (0.0061)	ND (0.0057)	ND (0.0048)	ND (0.0058)	ND (0.0067)	ND (0.007)	ND (0.0057)
Benzene	44	-	-	ND (0.0011)	ND (0.00083)	ND (0.00096)	ND (0.0013)	ND (0.00097)	ND (0.0014)	ND (0.00096)	-	-	ND (0.001)	ND (0.00096)	ND (0.00081)	ND (0.00096)	ND (0.0011)	ND (0.0012)	ND (0.00096)
Bromodichloromethane	NA	-	-	ND (0.0011)	ND (0.00083)	ND (0.00096)	ND (0.0013)	ND (0.00097)	ND (0.0014)	ND (0.00096)	-	-	ND (0.001)	ND (0.00096)	ND (0.00081)	ND (0.00096)	ND (0.0011)	ND (0.0012)	ND (0.00096)
Bromoform	NA	-	-	ND (0.0011)	ND (0.00083)	ND (0.00096)	ND (0.0013)	ND (0.00097)	ND (0.0014)	ND (0.00096)	-	-	ND (0.001)	ND (0.00096)	ND (0.00081)	ND (0.00096)	ND (0.0011)	ND (0.0012)	ND (0.00096)
Bromomethane (Methyl Bromide)	NA	-	-	ND (0.0022)	ND (0.0017)	ND (0.0019)	ND (0.0025)	ND (0.0019)	ND (0.0028)	ND (0.0019)	-	-	ND (0.002)	ND (0.0019)	ND (0.0016)	ND (0.0019)	ND (0.0022)	ND (0.0023)	ND (0.0019)
Carbon disulfide	NA	-	-	ND (0.0011)	ND (0.00083)	ND (0.00096)	ND (0.0013)	ND (0.00097)	ND (0.0014)	ND (0.00096)	-	-	ND (0.001)	ND (0.00096)	ND (0.00081)	ND (0.00096)	ND (0.0011)	ND (0.0012)	ND (0.00096)
Carbon tetrachloride	22	-	-	ND (0.0011)	ND (0.00083)	ND (0.00096)	ND (0.0013)	ND (0.00097)	ND (0.0014)	ND (0.00096)	-	-	ND (0.001)	ND (0.00096)	ND (0.00081)	ND (0.00096)	ND (0.0011)	ND (0.0012)	ND (0.00096)
Chlorobenzene	500	-	-	ND (0.0011)	ND (0.00083)	ND (0.00096)	ND (0.0013)	ND (0.00097)	ND (0.0014)	ND (0.00096)	-	-	ND (0.001)	ND (0.00096)	ND (0.00081)	ND (0.00096)	ND (0.0011)	ND (0.0012)	ND (0.00096)
Chlorobromomethane	NA	-	-	ND (0.0011)	ND (0.00083)	ND (0.00096)	ND (0.0013)	ND (0.00097)	ND (0.0014)	ND (0.00096)	-	-	ND (0.001)	ND (0.00096)	ND (0.00081)	ND (0.00096)	ND (0.0011)	ND (0.0012)	ND (0.00096)
Chloroethane	NA	-	-	ND (0.0011)	ND (0.00083)	ND (0.00096)	ND (0.0013)	ND (0.00097)	ND (0.0014)	ND (0.00096)	-	-	ND (0.001)	ND (0.00096)	ND (0.00081)	ND (0.00096)	ND (0.0011)	ND (0.0012)	ND (0.00096)
Chloroform (Trichloromethane)	350	-	-	ND (0.0011)	ND (0.00083)	ND (0.00096)	ND (0.0013)	ND (0.00097)	ND (0.0014)	ND (0.00096)	-	-	ND (0.001)	ND (0.00096)	ND (0.00081)	ND (0.00096)	ND (0.0011)	ND (0.0012)	ND (0.00096)
Chloromethane (Methyl Chloride)	NA	-	-	ND (0.0011)	ND (0.00083)	ND (0.00096)	ND (0.0013)	ND (0.00097)	ND (0.0014)	ND (0.00096)	-	-	ND (0.001)	ND (0.00096)	ND (0.00081)	ND (0.00096)	ND (0.0011)	ND (0.0012)	ND (0.00096)
cis-1,2-Dichloroethene	500	-	-	ND (0.0011)	ND (0.00083)	ND (0.00096)	ND (0.0013)	ND (0.00097)	ND (0.0014)	ND (0.00096)	-	-	ND (0.001)	ND (0.00096)	ND (0.00081)	ND (0.00096)	ND (0.0011)	ND (0.0012)	ND (0.00096)
cis-1,3-Dichloropropene	NA	-	-	ND (0.0011)	ND (0.00083)	ND (0.00096)	ND (0.0013)	ND (0.00097)	ND (0.0014)	ND (0.00096)	-	-	ND (0.001)	ND (0.00096)	ND (0.00081)	ND (0.00096)	ND (0.0011)	ND (0.0012)	ND (0.00096)
Cyclohexane	NA	-	-	ND (0.0011)	ND (0.00083)	ND (0.00096)	ND (0.0013)	ND (0.00097)	ND (0.0014)	ND (0.00096)	-	-	ND (0.001)	ND (0.00096)	ND (0.00081)	ND (0.00096)	ND (0.0011)	ND (0.0012)	ND (0.00096)
Dibromochloromethane	NA	-	-	ND (0.0011)	ND (0.00083)	ND (0.00096)	ND (0.0013)	ND (0.00097)	ND (0.0014)	ND (0.00096)	-	-	ND (0.001)	ND (0.00096)	ND (0.00081)	ND (0.00096)	ND (0.0011)	ND (0.0012)	ND (0.00096)
Dichlorodifluoromethane (CFC-12)	NA	-	-	ND (0.0011) *	ND (0.00083) *	ND (0.00096) *	ND (0.0013) *	ND (0.00097) *	ND (0.0014) *	ND (0.00096) *	-	-	ND (0.001)	ND (0.00096)	ND (0.00081)	ND (0.00096)	ND (0.0011)	ND (0.0012)	ND (0.00096)
Ethylbenzene	390	-	-	ND (0.0011)	ND (0.00083)	ND (0.00096)	ND (0.0013)	ND (0.00097)	ND (0.0014)	ND (0.00096)	-	-	ND (0.001)	ND (0.00096)	ND (0.00081)	ND (0.00096)	ND (0.0011)	ND (0.0012)	ND (0.00096)
Isopropylbenzene (Cumene)	NA	-	-	ND (0.0011)	ND (0.00083)	ND (0.00096)	ND (0.0013)	ND (0.00097)	ND (0.0014)	ND (0.00096)	-	-	ND (0.001)	ND (0.00096)	ND (0.00081)	ND (0.00096)	ND (0.0011)	ND (0.0012)	ND (0.00096)
m,p-Xylenes	NA	-	-	ND (0.0011)	ND (0.00083)	ND (0.00096)	ND (0.0013)	ND (0.00097)	ND (0.0014)	ND (0.00096)	-	-	ND (0.001)	ND (0.00096)	ND (0.00081)	ND (0.00096)	ND (0.0011)	ND (0.0012)	ND (0.00096)
Methyl acetate	NA	-	-	ND (0.0054)	ND (0.0041)	ND (0.0048)	ND (0.0063)	ND (0.0049)	ND (0.0069)	ND (0.0048)	-	-	ND (0.0051)	ND (0.0048)	ND (0.004)	ND (0.0048)	ND (0.0056)	ND (0.0058)	ND (0.0048)
Methyl Tert Butyl Ether (MTBE)	500	-	-	ND (0.0011)	ND (0.00083)	ND (0.00096)	ND (0.0013)	ND (0.00097)	ND (0.0014)	ND (0.00096)	-	-	ND (0.001)	ND (0.00096)	ND (0.00081)	ND (0.00096)	ND (0.0011)	ND (0.0012)	ND (0.00096)
Methylcyclohexane	NA	-	-	ND (0.0011)	ND (0.00083)	ND (0.00096)	ND (0.0013)	ND (0.00097)	ND (0.0014)	ND (0.00096)	-	-	ND (0.001)	ND (0.00096)	ND (0.00081)	ND (0.00096)	ND (0.0011)	ND (0.0012)	ND (0.00096)
Methylene chloride (Dichloromethane)	500	-	-	ND (0.0022)	ND (0.0017)	ND (0.0019)	0.0027	ND (0.0019)	ND (0.0028)	ND (0.0019)	-	-	ND (0.002)	ND (0.0019)	ND (0.0016)	ND (0.0019)	ND (0.0022)	ND (0.0023)	ND (0.0019)
n-Butylbenzene	500	-	-	ND (0.0011)	ND (0.00083)	ND (0.00096)	ND (0.0013)	ND (0.00097)	ND (0.0014)	ND (0.00096)	-	-	ND (0.001)	ND (0.00096)	ND (0.00081)	ND (0.00096)	ND (0.0011)	ND (0.0012)	ND (0.00096)
n-Propylbenzene	500	-	-	ND (0.0011)	ND (0.00083)	ND (0.00096)	ND (0.0013)	ND (0.00097)	ND (0.0014)	ND (0.00096)	-	-	ND (0.001)	ND (0.00096)	ND (0.00081)	ND (0.00096)	ND (0.0011)	ND (0.0012)	ND (0.00096)
o-Xylene	NA	-	-	ND (0.0011)	ND (0.00083)	ND (0.00096)	ND (0.0013)	ND (0.00097)	ND (0.0014)	ND (0.00096)	-	-	ND (0.001)	ND (0.00096)	ND (0.00081)	ND (0.00096)	ND (0.0011)	ND (0.0012)	ND (0.00096)
Styrene	NA	-	-	ND (0.0011)	ND (0.00083)	ND (0.00096)	ND (0.0013)	ND (0.00097)	ND (0.0014)	ND (0.00096)	-	-	ND (0.001)	ND (0.00096)	ND (0.00081)	ND (0.00096)	ND (0.0011)	ND (0.0012)	ND (0.00096)
tert-Butylbenzene	500	-	-	ND (0.0011)	ND (0.00083)	ND (0.00096)	ND (0.0013)	ND (0.00097)	ND (0.0014)	ND (0.00096)	-	-	ND (0.001)	ND (0.00096)	ND (0.00081)	ND (0.00096)	ND (0.0011)	ND (0.0012)	ND (0.00096)
Tetrachloroethene	150	-	-	ND (0.0011)	ND (0.00083)	ND (0.00096)	ND (0.0013)	ND (0.00097)	ND (0.0014)	ND (0.00096)	-	-	ND (0.001)	ND (0.00096)	ND (0.00081)	ND (0.00096)	ND (0.0011)	ND (0.0012)	ND (0.00096)
Toluene	500	-	-	0.0005 J	ND (0.00083)	0.00041 J	ND (0.0013)	ND (0.00097)	0.00074 J	0.00042 J	-	-	0.00045 J	0.00041 J	ND (0.00081)	ND (0.00096)	ND (0.0011)	ND (0.0012)	ND (0.00096)
trans-1,2-Dichloroethene	500	-	-	ND (0.0011)	ND (0.00083)	ND (0.00096)	ND (0.0013)	ND (0.00097)	ND (0.0014)	ND (0.00096)	-	-	ND (0.001)	ND (0.00096)	ND (0.00081)	ND (0.00096)	ND (0.0011)	ND (0.0012)	ND (0.00096)
trans-1,3-Dichloropropene	NA	-	-	ND (0.0011)	ND (0.00083)	ND (0.00096)	ND (0.0013)	ND (0.00097)	ND (0.0014)	ND (0.00096)	-	-	ND (0.001)	ND (0.00096)	ND (0.00081)	ND (0.00096)	ND (0.0011)	ND (0.0012)	ND (0.00096)
Trichloroethene	200	-	-	ND (0.0011)	ND (0.00083)	ND (0.00096)	ND (0.0013)	ND (0.00097)	ND (0.0014)	ND (0.00096)	-	-	ND (0.001)	ND (0.00096)	ND (0.00081)	ND (0.00096)	ND (0.0011)	ND (0.0012)	ND (0.00096)
Trichlorofluoromethane (CFC-11)	NA	-	-	ND (0.0011)	ND (0.00083)	ND (0.00096)	ND (0.0013)	ND (0.00097)	ND (0.0014)	ND (0.00096)	-	-	ND (0.001)	ND (0.00096)	ND (0.00081)	ND (0.00096)	ND (0.0011)	ND (0.0012)	ND (0.00096)
Trifluorotrichloroethane (Freon 113)	NA	-	-	ND (0.0011)	ND (0.00083)	ND (0.00096)	ND (0.0013)	ND (0.00097)	ND (0.0014)	ND (0.00096)	-	-	ND (0.001)	ND (0.00096)	ND (0.00081)	ND (0.00096)	ND (0.0011)	ND (0.0012)	ND (0.00096)
Vinyl chloride	13	-	-	ND (0.0011)	ND (0.00083)	ND (0.00096)	ND (0.0013)	ND (0.00097)	ND (0.0014)	ND (0.00096)	-	-	ND (0.001)	ND (0.00096)	ND (0.00081)	ND (0.00096)	ND (0.0011)	ND (0.0012)	ND (0.00096)
Xylene (Total)	500	-	-	ND (0.0022)	ND (0.0017)	ND (0.0019)	ND (0.0025)	ND (0.0019)	ND (0.0028)	ND (0.0019)	-	-	ND (0.002)	ND (0.0019)	ND (0.0016)	ND (0.0019)	ND (0.0022)	ND (0.0023)	ND (0.0019)

TABLE 11
SUMMARY OF SOIL QUALITY DATA - BERM 44
FORMER PORT MOBIL TERMINAL
STATEN ISLAND, NEW YORK
FILE NO. 0208998

	Criteria																		
Location Name	NY Part 375	44E	44E	44E1	44E1	44E2	44E2	44E2	44E3	44E3	44F	44F	44F1	44F1	44F1	44F2	44F2	44F3	44F3
Sample Name	Commercial	44E_0-4	44E_4-8	44E1_1-2	44E1_5-6	44E2_2-3	44E2_6-7	44E2_7-8	44E3_3-4	44E3_4-5	44F_0-4	44F_4-8	44F1_1-2	44F1_5-6	44F1_7-8	44F2_2-3	44F2_6-7	44F3_4-5	44F3_7-8
Sample Date	Use	10/07/2025	10/07/2025	10/07/2025	10/07/2025	10/07/2025	10/07/2025	10/07/2025	10/07/2025	10/07/2025	10/07/2025	10/07/2025	10/07/2025	10/07/2025	10/07/2025	10/07/2025	10/07/2025	10/07/2025	10/07/2025
Lab Sample ID	Soil Cleanup	460-336648-9	460-336648-10	460-336648-51	460-336648-54	460-336648-52	460-336648-55	460-336648-56	460-336648-53	460-336648-57	460-336648-11	460-336648-12	460-336648-58	460-336648-61	460-336648-64	460-336648-59	460-336648-62	460-336648-60	460-336648-63
Sample Depth (bgs)	Objectives	0 - 4 (ft)	4 - 8 (ft)	1 - 2 (ft)	5 - 6 (ft)	2 - 3 (ft)	6 - 7 (ft)	7 - 8 (ft)	3 - 4 (ft)	4 - 5 (ft)	0 - 4 (ft)	4 - 8 (ft)	1 - 2 (ft)	5 - 6 (ft)	7 - 8 (ft)	2 - 3 (ft)	6 - 7 (ft)	4 - 5 (ft)	7 - 8 (ft)
Semi-Volatile Organic Compounds (mg/kg)																			
1,2,4,5-Tetrachlorobenzene	NA	ND (0.35)	ND (0.36)	-	-	-	-	-	-	-	ND (0.35)	ND (0.35)	-	-	-	-	-	-	-
1,4-Dioxane	130	ND (0.035)	ND (0.036)	-	-	-	-	-	-	-	ND (0.035)	ND (0.035)	-	-	-	-	-	-	-
2,2'-oxybis(1-Chloropropane)	NA	ND (0.35)	ND (0.36)	-	-	-	-	-	-	-	ND (0.35)	ND (0.35)	-	-	-	-	-	-	-
2,3,4,6-Tetrachlorophenol	NA	ND (0.35)	ND (0.36)	-	-	-	-	-	-	-	ND (0.35)	ND (0.35)	-	-	-	-	-	-	-
2,4,5-Trichlorophenol	NA	ND (0.35)	ND (0.36)	-	-	-	-	-	-	-	ND (0.35)	ND (0.35)	-	-	-	-	-	-	-
2,4,6-Trichlorophenol	NA	ND (0.14)	ND (0.14)	-	-	-	-	-	-	-	ND (0.14)	ND (0.14)	-	-	-	-	-	-	-
2,4-Dichlorophenol	NA	ND (0.14)	ND (0.14)	-	-	-	-	-	-	-	ND (0.14)	ND (0.14)	-	-	-	-	-	-	-
2,4-Dimethylphenol	NA	ND (0.35)	ND (0.36)	-	-	-	-	-	-	-	ND (0.35)	ND (0.35)	-	-	-	-	-	-	-
2,4-Dinitrophenol	NA	ND (0.28)	ND (0.29)	-	-	-	-	-	-	-	ND (0.28)	ND (0.28)	-	-	-	-	-	-	-
2,4-Dinitrotoluene	NA	ND (0.071)	ND (0.072)	-	-	-	-	-	-	-	ND (0.072)	ND (0.071)	-	-	-	-	-	-	-
2,6-Dinitrotoluene	NA	ND (0.071)	ND (0.072)	-	-	-	-	-	-	-	ND (0.072)	ND (0.071)	-	-	-	-	-	-	-
2-Chloronaphthalene	NA	ND (0.35)	ND (0.36)	-	-	-	-	-	-	-	ND (0.35)	ND (0.35)	-	-	-	-	-	-	-
2-Chlorophenol	NA	ND (0.35)	ND (0.36)	-	-	-	-	-	-	-	ND (0.35)	ND (0.35)	-	-	-	-	-	-	-
2-Methylnaphthalene	NA	ND (0.35)	ND (0.36)	-	-	-	-	-	-	-	ND (0.35)	ND (0.35)	-	-	-	-	-	-	-
2-Methylphenol (o-Cresol)	500	ND (0.35)	ND (0.36)	-	-	-	-	-	-	-	ND (0.35)	ND (0.35)	-	-	-	-	-	-	-
2-Nitroaniline	NA	ND (0.35)	ND (0.36)	-	-	-	-	-	-	-	ND (0.35)	ND (0.35)	-	-	-	-	-	-	-
2-Nitrophenol	NA	ND (0.35)	ND (0.36)	-	-	-	-	-	-	-	ND (0.35)	ND (0.35)	-	-	-	-	-	-	-
3&4-Methylphenol	NA	ND (0.35)	ND (0.36)	-	-	-	-	-	-	-	ND (0.35)	ND (0.35)	-	-	-	-	-	-	-
3,3'-Dichlorobenzidine	NA	ND (0.14)	ND (0.14)	-	-	-	-	-	-	-	ND (0.14)	ND (0.14)	-	-	-	-	-	-	-
3-Nitroaniline	NA	ND (0.35)	ND (0.36)	-	-	-	-	-	-	-	ND (0.35)	ND (0.35)	-	-	-	-	-	-	-
4,6-Dinitro-2-methylphenol	NA	ND (0.28)	ND (0.29)	-	-	-	-	-	-	-	ND (0.28)	ND (0.28)	-	-	-	-	-	-	-
4-Bromophenyl phenyl ether (BDE-3)	NA	ND (0.35)	ND (0.36)	-	-	-	-	-	-	-	ND (0.35)	ND (0.35)	-	-	-	-	-	-	-
4-Chloro-3-methylphenol	NA	ND (0.35)	ND (0.36)	-	-	-	-	-	-	-	ND (0.35)	ND (0.35)	-	-	-	-	-	-	-
4-Chloroaniline	NA	ND (0.35)	ND (0.36)	-	-	-	-	-	-	-	ND (0.35)	ND (0.35)	-	-	-	-	-	-	-
4-Chlorophenyl phenyl ether	NA	ND (0.35)	ND (0.36)	-	-	-	-	-	-	-	ND (0.35)	ND (0.35)	-	-	-	-	-	-	-
4-Methylphenol	500	ND (0.35)	ND (0.36)	-	-	-	-	-	-	-	ND (0.35)	ND (0.35)	-	-	-	-	-	-	-
4-Nitroaniline	NA	ND (0.35)	ND (0.36)	-	-	-	-	-	-	-	ND (0.35)	ND (0.35)	-	-	-	-	-	-	-
4-Nitrophenol	NA	ND (0.71)	ND (0.72)	-	-	-	-	-	-	-	ND (0.72)	ND (0.71)	-	-	-	-	-	-	-
Acenaphthene	500	ND (0.35)	ND (0.36)	-	-	-	-	-	-	-	ND (0.35)	ND (0.35)	-	-	-	-	-	-	-
Acenaphthylene	500	ND (0.35)	ND (0.36)	-	-	-	-	-	-	-	ND (0.35)	ND (0.35)	-	-	-	-	-	-	-
Acetophenone	NA	ND (0.35)	ND (0.36)	-	-	-	-	-	-	-	ND (0.35)	ND (0.35)	-	-	-	-	-	-	-
Anthracene	500	ND (0.35)	ND (0.36)	-	-	-	-	-	-	-	ND (0.35)	ND (0.35)	-	-	-	-	-	-	-
Atrazine	NA	ND (0.14)	ND (0.14)	-	-	-	-	-	-	-	ND (0.14)	ND (0.14)	-	-	-	-	-	-	-
Benzaldehyde	NA	ND (0.35)	ND (0.36)	-	-	-	-	-	-	-	ND (0.35)	ND (0.35)	-	-	-	-	-	-	-
Benzo(a)anthracene	5.6	ND (0.035)	ND (0.036)	-	-	-	-	-	-	-	ND (0.035)	ND (0.035)	-	-	-	-	-	-	-
Benzo(a)pyrene	1	ND (0.035)	ND (0.036)	-	-	-	-	-	-	-	ND (0.035)	ND (0.035)	-	-	-	-	-	-	-
Benzo(b)fluoranthene	5.6	ND (0.035)	ND (0.036)	-	-	-	-	-	-	-	ND (0.035)	ND (0.035)	-	-	-	-	-	-	-
Benzo(g,h,i)perylene	500	ND (0.35)	ND (0.36)	-	-	-	-	-	-	-	ND (0.35)	ND (0.35)	-	-	-	-	-	-	-
Benzo(k)fluoranthene	56	ND (0.035)	ND (0.036)	-	-	-	-	-	-	-	ND (0.035)	ND (0.035)	-	-	-	-	-	-	-
Biphenyl	NA	ND (0.35)	ND (0.36)	-	-	-	-	-	-	-	ND (0.35)	ND (0.35)	-	-	-	-	-	-	-
bis(2-Chloroethoxy)methane	NA	ND (0.35)	ND (0.36)	-	-	-	-	-	-	-	ND (0.35)	ND (0.35)	-	-	-	-	-	-	-
bis(2-Chloroethyl)ether	NA	ND (0.035)	ND (0.036)	-	-	-	-	-	-	-	ND (0.035)	ND (0.035)	-	-	-	-	-	-	-
bis(2-Ethylhexyl)phthalate	NA	ND (0.35)	ND (0.36)	-	-	-	-	-	-	-	ND (0.35)	ND (0.35)	-	-	-	-	-	-	-
Butyl benzylphthalate (BBP)	NA	ND (0.35)	ND (0.36)	-	-	-	-	-	-	-	ND (0.35)	ND (0.35)	-	-	-	-	-	-	-
Caprolactam	NA	ND (0.35)	ND (0.36)	-	-	-	-	-	-	-	ND (0.35)	ND (0.35)	-	-	-	-	-	-	-
Carbazole	NA	ND (0.35)	ND (0.36)	-	-	-	-	-	-	-	ND (0.35)	ND (0.35)	-	-	-	-	-	-	-
Chrysene	56	ND (0.35)	ND (0.36)	-	-	-	-	-	-	-	ND (0.35)	ND (0.35)	-	-	-	-	-	-	-
Dibenz(a,h)anthracene	0.56	ND (0.035)	ND (0.036)	-	-	-	-	-	-	-	ND (0.035)	ND (0.035)	-	-	-	-	-	-	-
Dibenzofuran	350	ND (0.35)	ND (0.36)	-	-	-	-	-	-	-	ND (0.35)	ND (0.35)	-	-	-	-	-	-	-
Diethyl phthalate	NA	ND (0.35)	ND (0.36)	-	-	-	-	-	-	-	ND (0.35)	ND (0.35)	-	-	-	-	-	-	-
Dimethyl phthalate	NA	ND (0.35)	ND (0.36)	-	-	-	-	-	-	-	ND (0.35)	ND (0.35)	-	-	-	-	-	-	-
Di-n-butylphthalate (DBP)	NA	ND (0.35)	ND (0.36)	-	-	-	-	-	-	-	ND (0.35)	ND (0.35)	-	-	-	-	-	-	-
Di-n-octyl phthalate (DnOP)	NA	ND (0.35)	ND (0.36)	-	-	-	-	-	-	-	ND (0.35)	ND (0.35)	-	-	-	-	-	-	-
Fluoranthene	500	ND (0.35)	ND (0.36)	-	-	-	-	-	-	-	ND (0.35)	ND (0.35)	-	-	-	-	-	-	-
Fluorene	500	ND (0.35)	ND (0.36)	-	-	-	-	-	-	-	ND (0.35)	ND (0.35)	-	-	-	-	-	-	-
Hexachlorobenzene	6	ND (0.035)	ND (0.036)	-	-	-	-	-	-	-	ND (0.035)	ND (0.035)	-	-	-	-	-	-	-
Hexachlorobutadiene	NA	ND (0.071)	ND (0.072)	-	-	-	-	-	-	-	ND (0.072)	ND (0.071)	-	-	-	-	-	-	-
Hexachlorocyclopentadiene	NA	ND (0.35)	ND (0.36)	-	-	-	-	-	-	-	ND (0.35)	ND (0.35)	-	-	-	-	-	-	-
Hexachloroethane	NA	ND (0.035)	ND (0.036)	-	-	-	-	-	-	-	ND (0.035)	ND (0.035)	-	-	-	-	-	-	-
Indeno(1,2,3-cd)pyrene	5.6	ND (0.035)	ND (0.036)	-	-	-	-	-	-	-	ND (0.035)	ND (0.035)	-	-	-	-	-	-	-
Isophorone	NA	ND (0.14)	ND (0.14)	-	-	-	-	-	-	-	ND (0.14)	ND (0.14)	-	-	-	-	-	-	-
Naphthalene	500	ND (0.35)	ND (0.36)	-	-	-	-	-	-	-	ND (0.35)	ND (0.35)	-	-	-	-	-	-	-
Nitrobenzene	NA	ND (0.035)	ND (0.036)	-	-	-	-	-	-	-	ND (0.035)	ND (0.035)	-	-	-	-	-	-	-
N-Nitrosodi-n-propylamine	NA	ND (0.035)	ND (0.036)	-	-	-	-	-	-	-	ND (0.035)	ND (0.035)	-	-	-	-	-	-	-
N-Nitrosodiphenylamine	NA	ND (0.35)	ND (0.36)	-	-	-	-	-	-	-	ND (0.35)	ND (0.35)	-	-	-	-	-	-	-
Pentachlorophenol	6.7	ND (0.28)	ND (0.29)	-	-	-	-	-	-	-	ND (0.28)	ND (0.28)	-	-	-	-	-	-	-
Phenanthrene	500	ND (0.35)	ND (0.36)	-	-	-	-	-	-	-	ND (0.35)	ND (0.35)	-	-	-	-	-	-	-
Phenol	500	ND (0.35)	ND (0.36)	-	-	-	-	-	-	-	ND (0.35)	ND (0.35)	-	-	-	-	-	-	-
Pyrene	500	ND (0.35)	ND (0.36)	-	-	-	-	-	-	-	ND (0.35)	ND (0.35)	-	-	-	-	-	-	-

TABLE 11
SUMMARY OF SOIL QUALITY DATA - BERM 44
FORMER PORT MOBIL TERMINAL
STATEN ISLAND, NEW YORK
FILE NO. 0208998

	Criteria																		
Location Name	NY Part 375	44E	44E	44E1	44E1	44E2	44E2	44E2	44E3	44E3	44F	44F	44F1	44F1	44F1	44F2	44F2	44F3	44F3
Sample Name	Commercial	44E_0-4	44E_4-8	44E1_1-2	44E1_5-6	44E2_2-3	44E2_6-7	44E2_7-8	44E3_3-4	44E3_4-5	44F_0-4	44F_4-8	44F1_1-2	44F1_5-6	44F1_7-8	44F2_2-3	44F2_6-7	44F3_4-5	44F3_7-8
Sample Date	Use	10/07/2025	10/07/2025	10/07/2025	10/07/2025	10/07/2025	10/07/2025	10/07/2025	10/07/2025	10/07/2025	10/07/2025	10/07/2025	10/07/2025	10/07/2025	10/07/2025	10/07/2025	10/07/2025	10/07/2025	10/07/2025
Lab Sample ID	Soil Cleanup	460-336648-9	460-336648-10	460-336648-51	460-336648-54	460-336648-52	460-336648-55	460-336648-56	460-336648-53	460-336648-57	460-336648-11	460-336648-12	460-336648-58	460-336648-61	460-336648-64	460-336648-59	460-336648-62	460-336648-60	460-336648-63
Sample Depth (bgs)	Objectives	0 - 4 (ft)	4 - 8 (ft)	1 - 2 (ft)	5 - 6 (ft)	2 - 3 (ft)	6 - 7 (ft)	7 - 8 (ft)	3 - 4 (ft)	4 - 5 (ft)	0 - 4 (ft)	4 - 8 (ft)	1 - 2 (ft)	5 - 6 (ft)	7 - 8 (ft)	2 - 3 (ft)	6 - 7 (ft)	4 - 5 (ft)	7 - 8 (ft)
PFAS (mg/kg)																			
11-Chloroeicosafluoro-3-Oxaundecane-1-Sulfonic Acid (11Cl-PF3OUdS)	NA	ND (0.0002)	ND (0.0002)	-	-	-	-	-	-	-	ND (0.00019)	ND (0.00019)	-	-	-	-	-	-	-
2H,2H,3H,3H-Perfluorooctanoic acid (5:3 FTCA)	NA	ND (0.00099)	ND (0.001)	-	-	-	-	-	-	-	ND (0.00095)	ND (0.00096)	-	-	-	-	-	-	-
3-(Perfluoroheptyl)propanoic acid (7:3 FTCA)	NA	0.00051 J	0.00079 J	-	-	-	-	-	-	-	ND (0.00095)	ND (0.00096)	-	-	-	-	-	-	-
3:3 Fluorotelomer carboxylic acid (3:3 FTCA)	NA	ND (0.0004)	ND (0.0004)	-	-	-	-	-	-	-	ND (0.00038)	ND (0.00039)	-	-	-	-	-	-	-
4,8-Dioxa-3H-Perfluorononanoic Acid (ADONA)	NA	ND (0.0002)	ND (0.0002)	-	-	-	-	-	-	-	ND (0.00019)	ND (0.00019)	-	-	-	-	-	-	-
4:2 Fluorotelomer sulfonic acid (4:2 FTS)	NA	ND (0.0004)	ND (0.0004)	-	-	-	-	-	-	-	ND (0.00038)	ND (0.00039)	-	-	-	-	-	-	-
6:2 Fluorotelomer sulfonic acid (6:2 FTS)	NA	ND (0.0004)	ND (0.0004)	-	-	-	-	-	-	-	ND (0.00038)	0.00021 J	-	-	-	-	-	-	-
8:2 Fluorotelomer sulfonic acid (8:2 FTS)	NA	0.00049	0.00053	-	-	-	-	-	-	-	0.0006	0.00038 J	-	-	-	-	-	-	-
9-Chlorohexadecafluoro-3-Oxanone-1-Sulfonic Acid (9Cl-PF3ONS)	NA	ND (0.0002)	ND (0.0002)	-	-	-	-	-	-	-	ND (0.00019)	ND (0.00019)	-	-	-	-	-	-	-
N-Ethyl Perfluorooctanesulfonamidoacetic Acid (NEtFOSAA)	NA	ND (0.0002)	ND (0.0002)	-	-	-	-	-	-	-	ND (0.00019)	ND (0.00019)	-	-	-	-	-	-	-
N-Ethylperfluorooctane sulfonamide (N-EtFOSA)	NA	ND (0.0002)	ND (0.0002)	-	-	-	-	-	-	-	ND (0.00019)	ND (0.00019)	-	-	-	-	-	-	-
N-Ethylperfluorooctane sulfonamidoethanol (N-EtFOSE)	NA	ND (0.00099)	ND (0.001)	-	-	-	-	-	-	-	ND (0.00095)	ND (0.00096)	-	-	-	-	-	-	-
N-Methyl Perfluorooctanesulfonamidoacetic Acid (NMeFOSAA)	NA	ND (0.0002)	ND (0.0002)	-	-	-	-	-	-	-	ND (0.00019)	ND (0.00019)	-	-	-	-	-	-	-
N-Methylperfluorooctane sulfonamide (N-MeFOSA)	NA	ND (0.0002)	ND (0.0002)	-	-	-	-	-	-	-	ND (0.00019)	ND (0.00019)	-	-	-	-	-	-	-
N-Methylperfluorooctane sulfonamidoethanol (N-MeFOSE)	NA	ND (0.00099)	ND (0.001)	-	-	-	-	-	-	-	ND (0.00095)	ND (0.00096)	-	-	-	-	-	-	-
Nonafluoro-3,6-dioxaheptanoic acid (NFDHA)	NA	ND (0.0002)	ND (0.0002)	-	-	-	-	-	-	-	ND (0.00019)	ND (0.00019)	-	-	-	-	-	-	-
Perfluoro(2-ethoxyethane) sulphonic acid (PFEESA)	NA	ND (0.0002)	ND (0.0002)	-	-	-	-	-	-	-	ND (0.00019)	ND (0.00019)	-	-	-	-	-	-	-
Perfluoro(4-methoxybutanoic) acid (PFMBA)	NA	ND (0.0002)	ND (0.0002)	-	-	-	-	-	-	-	ND (0.00019)	ND (0.00019)	-	-	-	-	-	-	-
Perfluoro-2-propoxypropanoic acid (PFPrOPrA)(GenX) (HFPO-DA)	NA	ND (0.0002)	ND (0.0002)	-	-	-	-	-	-	-	ND (0.00019)	ND (0.00019)	-	-	-	-	-	-	-
Perfluoro-3-methoxypropanoic acid (PFMPA)	NA	ND (0.0002)	ND (0.0002)	-	-	-	-	-	-	-	ND (0.00019)	ND (0.00019)	-	-	-	-	-	-	-
Perfluorobutanesulfonic acid (PFBS)	NA	ND (0.0002)	ND (0.0002)	-	-	-	-	-	-	-	ND (0.00019)	ND (0.00019)	-	-	-	-	-	-	-
Perfluorobutanoic acid (PFBA)	NA	ND (0.0004)	ND (0.0004)	-	-	-	-	-	-	-	0.00016 J	ND (0.00039)	-	-	-	-	-	-	-
Perfluorodecanesulfonic acid (PFDS)	NA	ND (0.0002)	ND (0.0002)	-	-	-	-	-	-	-	ND (0.00019)	ND (0.00019)	-	-	-	-	-	-	-
Perfluorodecanoic acid (PFDA)	NA	0.00083	0.00044	-	-	-	-	-	-	-	0.00066	0.00026	-	-	-	-	-	-	-
Perfluorododecane sulfonic acid (PFDoDS)	NA	ND (0.0002)	ND (0.0002)	-	-	-	-	-	-	-	ND (0.00019)	ND (0.00019)	-	-	-	-	-	-	-
Perfluorododecanoic acid (PFDoDA)	NA	0.00067	0.00071	-	-	-	-	-	-	-	0.00066	0.0004	-	-	-	-	-	-	-
Perfluoroheptanesulfonic acid (PFHpS)	NA	ND (0.0002)	ND (0.0002)	-	-	-	-	-	-	-	ND (0.00019)	ND (0.00019)	-	-	-	-	-	-	-
Perfluoroheptanoic acid (PFHpA)	NA	ND (0.0002)	ND (0.0002)	-	-	-	-	-	-	-	0.00034	ND (0.00019)	-	-	-	-	-	-	-
Perfluorohexanesulfonic acid (PFHxS)	NA	ND (0.0002)	ND (0.0002)	-	-	-	-	-	-	-	ND (0.00019)	ND (0.00019)	-	-	-	-	-	-	-
Perfluorohexanoic acid (PFHxA)	NA	ND (0.0002)	ND (0.0002)	-	-	-	-	-	-	-	0.00031	ND (0.00019)	-	-	-	-	-	-	-
Perfluorononane sulfonic acid (PFNS)	NA	ND (0.0002)	ND (0.0002)	-	-	-	-	-	-	-	ND (0.00019)	ND (0.00019)	-	-	-	-	-	-	-
Perfluorononanoic acid (PFNA)	NA	0.00031	0.00025 I	-	-	-	-	-	-	-	0.00059	0.00013 J	-	-	-	-	-	-	-
Perfluorooctane sulfonamide (PFOSA)	NA	ND (0.0002)	ND (0.0002)	-	-	-	-	-	-	-	ND (0.00019)	ND (0.00019)	-	-	-	-	-	-	-
Perfluorooctanesulfonic acid (PFOS)	0.44	ND (0.0002)	ND (0.0002)	-	-	-	-	-	-	-	ND (0.00019)	ND (0.00019)	-	-	-	-	-	-	-
Perfluorooctanoic acid (PFOA)	0.5	0.000089 J	0.000094 J	-	-	-	-	-	-	-	0.00039	ND (0.00019)	-	-	-	-	-	-	-
Perfluoropentanesulfonic acid (PFPeS)	NA	ND (0.0002)	ND (0.0002)	-	-	-	-	-	-	-	ND (0.00019)	ND (0.00019)	-	-	-	-	-	-	-
Perfluoropentanoic acid (PFPeA)	NA	ND (0.0002)	ND (0.0002)	-	-	-	-	-	-	-	0.00039	ND (0.00019)	-	-	-	-	-	-	-
Perfluorotetradecanoic acid (PFTeDA)	NA	0.00019 J	0.00021	-	-	-	-	-	-	-	0.00018 J	0.00015 J	-	-	-	-	-	-	-
Perfluorotridecanoic acid (PFTrDA)	NA	0.00188	0.00233	-	-	-	-	-	-	-	0.00215	0.00136	-	-	-	-	-	-	-
Perfluoroundecanoic acid (PFUnDA)	NA	0.00501	0.00311	-	-	-	-	-	-	-	0.00248	0.00143	-	-	-	-	-	-	-
Pesticides (mg/kg)																			
4,4'-DDD	92	ND (0.0072)	ND (0.0073)	-	-	-	-	-	-	-	ND (0.0072)	ND (0.0072)	-	-	-	-	-	-	-
4,4'-DDE	62	ND (0.0072)	ND (0.0073)	-	-	-	-	-	-	-	ND (0.0072)	ND (0.0072)	-	-	-	-	-	-	-
4,4'-DDT	47	0.0019 J	ND (0.0073)	-	-	-	-	-	-	-	ND (0.0072)	ND (0.0072)	-	-	-	-	-	-	-
Aldrin	0.68	ND (0.0072)	ND (0.0073)	-	-	-	-	-	-	-	ND (0.0072)	ND (0.0072)	-	-	-	-	-	-	-
alpha-BHC	3.4	ND (0.0021)	ND (0.0022)	-	-	-	-	-	-	-	ND (0.0021)	ND (0.0021)	-	-	-	-	-	-	-
alpha-Chlordane (cis)	24	ND (0.0072)	ND (0.0073)	-	-	-	-	-	-	-	ND (0.0072)	ND (0.0072)	-	-	-	-	-	-	-
beta-BHC	3	ND (0.0021)	ND (0.0022)	-	-	-	-	-	-	-	ND (0.0021)	ND (0.0021)	-	-	-	-	-	-	-
Chlordane	NA	ND (0.072)	ND (0.073)	-	-	-	-	-	-	-	ND (0.072)	ND (0.072)	-	-	-	-	-	-	-
delta-BHC	500	ND (0.0021)	ND (0.0022)	-	-	-	-	-	-	-	ND (0.0021)	ND (0.0021)	-	-	-	-	-	-	-
Dieldrin	1.4	ND (0.0021)	ND (0.0022)	-	-	-	-	-	-	-	ND (0.0021)	ND (0.0021)	-	-	-	-	-	-	-
Endosulfan I	200	ND (0.0072)	ND (0.0073)	-	-	-	-	-	-	-	ND (0.0072)	ND (0.0072)	-	-	-	-	-	-	-
Endosulfan II	200	ND (0.0072)	ND (0.0073)	-	-	-	-	-	-	-	ND (0.0072)	ND (0.0072)	-	-	-	-	-	-	-
Endosulfan sulfate	200	ND (0.0072)	ND (0.0073)	-	-	-	-	-	-	-	ND (0.0072)	ND (0.0072)	-	-	-	-	-	-	-
Endrin	89	ND (0.0072)	ND (0.0073)	-	-	-	-	-	-	-	ND (0.0072)	ND (0.0072)	-	-	-	-	-	-	-
Endrin aldehyde	NA	ND (0.0072)	ND (0.0073)	-	-	-	-	-	-	-	ND (0.0072)	ND (0.0072)	-	-	-	-	-	-	-
Endrin ketone	NA	ND (0.0072)	ND (0.0073)	-	-	-	-	-	-	-	ND (0.0072)	ND (0.0072)	-	-	-	-	-	-	-
gamma-BHC (Lindane)	9.2	ND (0.0021)	ND (0.0022)	-	-	-	-	-	-	-	ND (0.0021)	ND (0.0021)	-	-	-	-	-	-	-
Heptachlor	15	ND (0.0072)	ND (0.0073)	-	-	-	-	-	-	-	ND (0.0072)	ND (0.0072)	-	-	-	-	-	-	-
Heptachlor epoxide	NA	ND (0.0072)	ND (0.0073)	-	-	-	-	-	-	-	ND (0.0072)	ND (0.0072)	-	-	-	-	-	-	-
Methoxychlor	NA	ND (0.0072)	ND (0.0073)	-	-	-	-	-	-	-	ND (0.0072)	ND (0.0072)	-	-	-	-	-	-	-
Toxaphene	NA	ND (0.072)	ND (0.073)	-	-	-	-	-	-	-	ND (0.072)	ND (0.072)	-	-	-	-	-	-	-

TABLE 11
SUMMARY OF SOIL QUALITY DATA - BERM 44
FORMER PORT MOBIL TERMINAL
STATEN ISLAND, NEW YORK
FILE NO. 0208998

	Criteria																		
Location Name	NY Part 375	44E	44E	44E1	44E1	44E2	44E2	44E2	44E3	44E3	44F	44F	44F1	44F1	44F1	44F2	44F2	44F3	44F3
Sample Name	Commercial	44E_0-4	44E_4-8	44E1_1-2	44E1_5-6	44E2_2-3	44E2_6-7	44E2_7-8	44E3_3-4	44E3_4-5	44F_0-4	44F_4-8	44F1_1-2	44F1_5-6	44F1_7-8	44F2_2-3	44F2_6-7	44F3_4-5	44F3_7-8
Sample Date	Use	10/07/2025	10/07/2025	10/07/2025	10/07/2025	10/07/2025	10/07/2025	10/07/2025	10/07/2025	10/07/2025	10/07/2025	10/07/2025	10/07/2025	10/07/2025	10/07/2025	10/07/2025	10/07/2025	10/07/2025	10/07/2025
Lab Sample ID	Soil Cleanup	460-336648-9	460-336648-10	460-336648-51	460-336648-54	460-336648-52	460-336648-55	460-336648-56	460-336648-53	460-336648-57	460-336648-11	460-336648-12	460-336648-58	460-336648-61	460-336648-64	460-336648-59	460-336648-62	460-336648-60	460-336648-63
Sample Depth (bgs)	Objectives	0 - 4 (ft)	4 - 8 (ft)	1 - 2 (ft)	5 - 6 (ft)	2 - 3 (ft)	6 - 7 (ft)	7 - 8 (ft)	3 - 4 (ft)	4 - 5 (ft)	0 - 4 (ft)	4 - 8 (ft)	1 - 2 (ft)	5 - 6 (ft)	7 - 8 (ft)	2 - 3 (ft)	6 - 7 (ft)	4 - 5 (ft)	7 - 8 (ft)
Polychlorinated Biphenyls (mg/kg)																			
Aroclor-1016 (PCB-1016)	NA	ND (0.072)	ND (0.073)	-	-	-	-	-	-	-	ND (0.072)	ND (0.072)	-	-	-	-	-	-	-
Aroclor-1221 (PCB-1221)	NA	ND (0.072)	ND (0.073)	-	-	-	-	-	-	-	ND (0.072)	ND (0.072)	-	-	-	-	-	-	-
Aroclor-1232 (PCB-1232)	NA	ND (0.072)	ND (0.073)	-	-	-	-	-	-	-	ND (0.072)	ND (0.072)	-	-	-	-	-	-	-
Aroclor-1242 (PCB-1242)	NA	ND (0.072)	ND (0.073)	-	-	-	-	-	-	-	ND (0.072)	ND (0.072)	-	-	-	-	-	-	-
Aroclor-1248 (PCB-1248)	NA	ND (0.072)	ND (0.073)	-	-	-	-	-	-	-	ND (0.072)	ND (0.072)	-	-	-	-	-	-	-
Aroclor-1254 (PCB-1254)	NA	ND (0.072)	ND (0.073)	-	-	-	-	-	-	-	ND (0.072)	ND (0.072)	-	-	-	-	-	-	-
Aroclor-1260 (PCB-1260)	NA	ND (0.072)	ND (0.073)	-	-	-	-	-	-	-	ND (0.072)	ND (0.072)	-	-	-	-	-	-	-
Aroclor-1262 (PCB-1262)	NA	ND (0.072)	ND (0.073)	-	-	-	-	-	-	-	ND (0.072)	ND (0.072)	-	-	-	-	-	-	-
Aroclor-1268 (PCB-1268)	NA	ND (0.072)	ND (0.073)	-	-	-	-	-	-	-	ND (0.072)	ND (0.072)	-	-	-	-	-	-	-
Total PCBs	1	ND (0.072)	ND (0.073)	-	-	-	-	-	-	-	ND (0.072)	ND (0.072)	-	-	-	-	-	-	-
Inorganic Compounds (mg/kg)																			
Aluminum	NA	5190	5150	-	-	-	-	-	-	-	6520	7710	-	-	-	-	-	-	-
Antimony	NA	3.6	2.4	-	-	-	-	-	-	-	1.4	1.5	-	-	-	-	-	-	-
Arsenic	16	10.7	9.2	-	-	-	-	-	-	-	7.1	6.7	-	-	-	-	-	-	-
Barium	400	41.5	34.6	-	-	-	-	-	-	-	37.7	40.4	-	-	-	-	-	-	-
Beryllium	590	0.54	0.55	-	-	-	-	-	-	-	1.1	0.76	-	-	-	-	-	-	-
Cadmium	9.3	0.26 J	0.59 J	-	-	-	-	-	-	-	0.2 J	0.18 J	-	-	-	-	-	-	-
Calcium	NA	2330	1160	-	-	-	-	-	-	-	1030	1300	-	-	-	-	-	-	-
Chromium	NA	31.5	27.9	-	-	-	-	-	-	-	30.2	27	-	-	-	-	-	-	-
Cobalt	NA	5.8	5.7	-	-	-	-	-	-	-	6.1	7.9	-	-	-	-	-	-	-
Copper	270	62	49.6	-	-	-	-	-	-	-	36.4	51	-	-	-	-	-	-	-
Iron	NA	21700	20200	-	-	-	-	-	-	-	20200	21700	-	-	-	-	-	-	-
Lead	1000	108	100	-	-	-	-	-	-	-	94	110	-	-	-	-	-	-	-
Magnesium	NA	2330	1630	-	-	-	-	-	-	-	1890	2310	-	-	-	-	-	-	-
Manganese	10000	171	150	-	-	-	-	-	-	-	184	215	-	-	-	-	-	-	-
Mercury	2.8	0.034	0.03	-	-	-	-	-	-	-	0.043	0.044	-	-	-	-	-	-	-
Nickel	310	22.9	20.3	-	-	-	-	-	-	-	15.7	24.6	-	-	-	-	-	-	-
Potassium	NA	1320	1340	-	-	-	-	-	-	-	1350	1340	-	-	-	-	-	-	-
Selenium	1500	0.41 J	0.42 J	-	-	-	-	-	-	-	0.37 J	0.35 J	-	-	-	-	-	-	-
Silver	1500	0.32 J	0.22 J	-	-	-	-	-	-	-	0.12 J	0.13 J	-	-	-	-	-	-	-
Sodium	NA	87.8	57.3 J	-	-	-	-	-	-	-	109	112	-	-	-	-	-	-	-
Thallium	NA	0.051 J	0.053 J	-	-	-	-	-	-	-	0.071 J	0.079 J	-	-	-	-	-	-	-
Vanadium	NA	26.5	26.3	-	-	-	-	-	-	-	25.1	29.9	-	-	-	-	-	-	-
Zinc	10000	105	121	-	-	-	-	-	-	-	90.1	112	-	-	-	-	-	-	-

ABBREVIATIONS AND NOTES:

mg/kg: milligram per kilogram

**: LCS or LCSD is outside acceptance limits.*
-: Not Analyzed
B: Compound was found in the blank and the associated sample.
bgs: below ground surface
ft: feet
J: Value is estimated.
NA: Not Applicable
ND (2.5): Not detected, number in parentheses is the laboratory reporting limit

- For test methods used, see the laboratory data sheets.
- Soil analytical results are compared to the New York State Department of Environmental Conservation (NYSDEC) Title 6 of the Official Compilation of New York Codes, Rules, and Regulations (NYCRR) Part 375 Commercial Use Soil Cleanup Objectives (SCO).
- Grey shading indicates an exceedance of the Commercial Use Soil Cleanup Objectives.

TABLE 12
SUMMARY OF SOIL QUALITY DATA - BERM 45
FORMER PORT MOBIL TERMINAL
STATEN ISLAND, NEW YORK
FILE NO. 0208998

	Criteria																		
Location Name	NY Part 375	45A	45A	45A1	45A1	45A1	45A2	45A2	45A3	45A3	45B	45B	45B1	45B1	45B2	45B2	45B2	45B3	45B3
Sample Name	Commercial	45A_0-6	45A_6-12	45A1_1-2	45A1_5-6	45A1_11-12	45A2_2-3	45A2_7-8	45A3_4-5	45A3_9-10	45B_0-6	45B_6-12	45B1_1-2	45B1_6-7	45B2_3-4	45B2_7-8	45B2_10-11	45B3_4-5	45B3_9-10
Sample Date	Use	10/07/2025	10/07/2025	10/07/2025	10/07/2025	10/07/2025	10/07/2025	10/07/2025	10/07/2025	10/07/2025	10/07/2025	10/07/2025	10/07/2025	10/07/2025	10/07/2025	10/07/2025	10/07/2025	10/07/2025	10/07/2025
Lab Sample ID	Soil Cleanup	460-336648-13	460-336648-14	460-336648-65	460-336648-68	460-336648-71	460-336648-66	460-336648-69	460-336648-67	460-336648-70	460-336648-15	460-336648-16	460-336648-72	460-336648-75	460-336648-73	460-336648-76	460-336648-78	460-336648-74	460-336648-77
Sample Depth (bgs)	Objectives	0 - 6 (ft)	6 - 12 (ft)	1 - 2 (ft)	5 - 6 (ft)	11 - 12 (ft)	2 - 3 (ft)	7 - 8 (ft)	4 - 5 (ft)	9 - 10 (ft)	0 - 6 (ft)	6 - 12 (ft)	1 - 2 (ft)	6 - 7 (ft)	3 - 4 (ft)	7 - 8 (ft)	10 - 11 (ft)	4 - 5 (ft)	9 - 10 (ft)
Volatile Organic Compounds (mg/kg)																			
1,1,1-Trichloroethane	500	-	-	ND (0.0012)	ND (0.0012)	ND (0.0012)	ND (0.0012)	ND (0.0011)	ND (0.0011)	ND (0.0012)	-	-	ND (0.0011)	ND (0.0013)	ND (0.0011)	ND (0.0011)	ND (0.0012)	ND (0.0009)	ND (0.00094)
1,1,2,2-Tetrachloroethane	NA	-	-	ND (0.0012)	ND (0.0012)	ND (0.0012)	ND (0.0012)	ND (0.0011)	ND (0.0011)	ND (0.0012)	-	-	ND (0.0011)	ND (0.0013)	ND (0.0011)	ND (0.0011)	ND (0.0012)	ND (0.0009)	ND (0.00094)
1,1,2-Trichloroethane	NA	-	-	ND (0.0012)	ND (0.0012)	ND (0.0012)	ND (0.0012)	ND (0.0011)	ND (0.0011)	ND (0.0012)	-	-	ND (0.0011)	ND (0.0013)	ND (0.0011)	ND (0.0011)	ND (0.0012)	ND (0.0009)	ND (0.00094)
1,1-Dichloroethane	240	-	-	ND (0.0012)	ND (0.0012)	ND (0.0012)	ND (0.0012)	ND (0.0011)	ND (0.0011)	ND (0.0012)	-	-	ND (0.0011)	ND (0.0013)	ND (0.0011)	ND (0.0011)	ND (0.0012)	ND (0.0009)	ND (0.00094)
1,1-Dichloroethene	500	-	-	ND (0.0012)	ND (0.0012)	ND (0.0012)	ND (0.0012)	ND (0.0011)	ND (0.0011)	ND (0.0012)	-	-	ND (0.0011)	ND (0.0013)	ND (0.0011)	ND (0.0011)	ND (0.0012)	ND (0.0009)	ND (0.00094)
1,2,3-Trichlorobenzene	NA	-	-	ND (0.0012)	ND (0.0012)	ND (0.0012)	ND (0.0012)	ND (0.0011)	ND (0.0011)	ND (0.0012)	-	-	ND (0.0011)	ND (0.0013)	ND (0.0011)	ND (0.0011)	ND (0.0012)	ND (0.0009)	ND (0.00094)
1,2,4-Trichlorobenzene	NA	-	-	ND (0.0012)	ND (0.0012)	ND (0.0012)	ND (0.0012)	ND (0.0011)	ND (0.0011)	ND (0.0012)	-	-	ND (0.0011)	ND (0.0013)	ND (0.0011)	ND (0.0011)	ND (0.0012)	ND (0.0009)	ND (0.00094)
1,2,4-Trimethylbenzene	190	-	-	ND (0.0012)	ND (0.0012)	ND (0.0012)	ND (0.0012)	ND (0.0011)	ND (0.0011)	ND (0.0012)	-	-	ND (0.0011)	ND (0.0013)	ND (0.0011)	ND (0.0011)	ND (0.0012)	ND (0.0009)	ND (0.00094)
1,2-Dibromo-3-chloropropane (DBCP)	NA	-	-	ND (0.0012)	ND (0.0012)	ND (0.0012)	ND (0.0012)	ND (0.0011)	ND (0.0011)	ND (0.0012)	-	-	ND (0.0011)	ND (0.0013)	ND (0.0011)	ND (0.0011)	ND (0.0012)	ND (0.0009)	ND (0.00094)
1,2-Dibromoethane (Ethylene Dibromide)	NA	-	-	ND (0.0012)	ND (0.0012)	ND (0.0012)	ND (0.0012)	ND (0.0011)	ND (0.0011)	ND (0.0012)	-	-	ND (0.0011)	ND (0.0013)	ND (0.0011)	ND (0.0011)	ND (0.0012)	ND (0.0009)	ND (0.00094)
1,2-Dichlorobenzene	500	-	-	ND (0.0012)	ND (0.0012)	ND (0.0012)	ND (0.0012)	ND (0.0011)	ND (0.0011)	ND (0.0012)	-	-	ND (0.0011)	ND (0.0013)	ND (0.0011)	ND (0.0011)	ND (0.0012)	ND (0.0009)	ND (0.00094)
1,2-Dichloroethane	30	-	-	ND (0.0012)	ND (0.0012)	ND (0.0012)	ND (0.0012)	ND (0.0011)	ND (0.0011)	ND (0.0012)	-	-	ND (0.0011)	ND (0.0013)	ND (0.0011)	ND (0.0011)	ND (0.0012)	ND (0.0009)	ND (0.00094)
1,2-Dichloropropane	NA	-	-	ND (0.0012)	ND (0.0012)	ND (0.0012)	ND (0.0012)	ND (0.0011)	ND (0.0011)	ND (0.0012)	-	-	ND (0.0011)	ND (0.0013)	ND (0.0011)	ND (0.0011)	ND (0.0012)	ND (0.0009)	ND (0.00094)
1,3,5-Trimethylbenzene	190	-	-	ND (0.0012)	ND (0.0012)	ND (0.0012)	ND (0.0012)	ND (0.0011)	ND (0.0011)	ND (0.0012)	-	-	ND (0.0011)	ND (0.0013)	ND (0.0011)	ND (0.0011)	ND (0.0012)	ND (0.0009)	ND (0.00094)
1,3-Dichlorobenzene	280	-	-	ND (0.0012)	ND (0.0012)	ND (0.0012)	ND (0.0012)	ND (0.0011)	ND (0.0011)	ND (0.0012)	-	-	ND (0.0011)	ND (0.0013)	ND (0.0011)	ND (0.0011)	ND (0.0012)	ND (0.0009)	ND (0.00094)
1,4-Dichlorobenzene	130	-	-	ND (0.0012)	ND (0.0012)	ND (0.0012)	ND (0.0012)	ND (0.0011)	ND (0.0011)	ND (0.0012)	-	-	ND (0.0011)	ND (0.0013)	ND (0.0011)	ND (0.0011)	ND (0.0012)	ND (0.0009)	ND (0.00094)
2-Butanone (Methyl Ethyl Ketone)	500	-	-	ND (0.0062)	ND (0.0058)	ND (0.0058)	ND (0.0062)	ND (0.0056)	ND (0.0056)	ND (0.0062)	-	-	ND (0.0053)	ND (0.0063)	ND (0.0057)	ND (0.0057)	ND (0.0058)	ND (0.0045)	ND (0.0047)
2-Hexanone (Methyl Butyl Ketone)	NA	-	-	ND (0.0062) *	ND (0.0058) *	ND (0.0058) *	ND (0.0062) *	ND (0.0056) *	ND (0.0056) *	ND (0.0062) *	-	-	ND (0.0053) *	ND (0.0063) *	ND (0.0057) *	ND (0.0057) *	ND (0.0058)	ND (0.0045) *	ND (0.0047) *
2-Phenylbutane (sec-Butylbenzene)	500	-	-	ND (0.0012)	ND (0.0012)	ND (0.0012)	ND (0.0012)	ND (0.0011)	ND (0.0011)	ND (0.0012)	-	-	ND (0.0011)	ND (0.0013)	ND (0.0011)	ND (0.0011)	ND (0.0012)	ND (0.0009)	ND (0.00094)
4-Methyl-2-Pentanone (Methyl Isobutyl Ketone)	NA	-	-	ND (0.0062) *	ND (0.0058) *	ND (0.0058) *	ND (0.0062) *	ND (0.0056) *	ND (0.0056) *	ND (0.0062) *	-	-	ND (0.0053) *	ND (0.0063) *	ND (0.0057) *	ND (0.0057) *	ND (0.0058)	ND (0.0045) *	ND (0.0047) *
Acetone	500	-	-	0.23	0.28	0.11	ND (0.0075)	0.23	0.2	0.15	-	-	ND (0.0063)	ND (0.0076)	ND (0.0068)	ND (0.0068)	ND (0.007)	ND (0.0054)	ND (0.0056)
Benzene	44	-	-	ND (0.0012)	ND (0.0012)	ND (0.0012)	ND (0.0012)	ND (0.0011)	ND (0.0011)	ND (0.0012)	-	-	ND (0.0011)	ND (0.0013)	ND (0.0011)	ND (0.0011)	ND (0.0012)	ND (0.0009)	ND (0.00094)
Bromodichloromethane	NA	-	-	ND (0.0012)	ND (0.0012)	ND (0.0012)	ND (0.0012)	ND (0.0011)	ND (0.0011)	ND (0.0012)	-	-	ND (0.0011)	ND (0.0013)	ND (0.0011)	ND (0.0011)	ND (0.0012)	ND (0.0009)	ND (0.00094)
Bromoform	NA	-	-	ND (0.0012)	ND (0.0012)	ND (0.0012)	ND (0.0012)	ND (0.0011)	ND (0.0011)	ND (0.0012)	-	-	ND (0.0011)	ND (0.0013)	ND (0.0011)	ND (0.0011)	ND (0.0012)	ND (0.0009)	ND (0.00094)
Bromomethane (Methyl Bromide)	NA	-	-	ND (0.0025)	ND (0.0023)	ND (0.0023)	ND (0.0025)	ND (0.0022)	ND (0.0022)	ND (0.0025)	-	-	ND (0.0021)	ND (0.0025)	ND (0.0023)	ND (0.0023)	ND (0.0023)	ND (0.0018)	ND (0.0019)
Carbon disulfide	NA	-	-	ND (0.0012)	ND (0.0012)	ND (0.0012)	ND (0.0012)	ND (0.0011)	ND (0.0011)	ND (0.0012)	-	-	ND (0.0011)	ND (0.0013)	ND (0.0011)	ND (0.0011)	ND (0.0012)	ND (0.0009)	ND (0.00094)
Carbon tetrachloride	22	-	-	ND (0.0012)	ND (0.0012)	ND (0.0012)	ND (0.0012)	ND (0.0011)	ND (0.0011)	ND (0.0012)	-	-	ND (0.0011)	ND (0.0013)	ND (0.0011)	ND (0.0011)	ND (0.0012)	ND (0.0009)	ND (0.00094)
Chlorobenzene	500	-	-	ND (0.0012)	ND (0.0012)	ND (0.0012)	ND (0.0012)	ND (0.0011)	ND (0.0011)	ND (0.0012)	-	-	ND (0.0011)	ND (0.0013)	ND (0.0011)	ND (0.0011)	ND (0.0012)	ND (0.0009)	ND (0.00094)
Chlorobromomethane	NA	-	-	ND (0.0012)	ND (0.0012)	ND (0.0012)	ND (0.0012)	ND (0.0011)	ND (0.0011)	ND (0.0012)	-	-	ND (0.0011)	ND (0.0013)	ND (0.0011)	ND (0.0011)	ND (0.0012)	ND (0.0009)	ND (0.00094)
Chloroethane	NA	-	-	ND (0.0012)	ND (0.0012)	ND (0.0012)	ND (0.0012)	ND (0.0011)	ND (0.0011)	ND (0.0012)	-	-	ND (0.0011)	ND (0.0013)	ND (0.0011)	ND (0.0011)	ND (0.0012)	ND (0.0009)	ND (0.00094)
Chloroform (Trichloromethane)	350	-	-	ND (0.0012)	ND (0.0012)	ND (0.0012)	ND (0.0012)	ND (0.0011)	ND (0.0011)	ND (0.0012)	-	-	ND (0.0011)	ND (0.0013)	ND (0.0011)	ND (0.0011)	ND (0.0012)	ND (0.0009)	ND (0.00094)
Chloromethane (Methyl Chloride)	NA	-	-	ND (0.0012)	ND (0.0012)	ND (0.0012)	ND (0.0012)	ND (0.0011)	ND (0.0011)	ND (0.0012)	-	-	ND (0.0011)	ND (0.0013)	ND (0.0011)	ND (0.0011)	ND (0.0012)	ND (0.0009)	ND (0.00094)
cis-1,2-Dichloroethene	500	-	-	ND (0.0012)	ND (0.0012)	ND (0.0012)	ND (0.0012)	ND (0.0011)	ND (0.0011)	ND (0.0012)	-	-	ND (0.0011)	ND (0.0013)	ND (0.0011)	ND (0.0011)	ND (0.0012)	ND (0.0009)	ND (0.00094)
cis-1,3-Dichloropropene	NA	-	-	ND (0.0012)	ND (0.0012)	ND (0.0012)	ND (0.0012)	ND (0.0011)	ND (0.0011)	ND (0.0012)	-	-	ND (0.0011)	ND (0.0013)	ND (0.0011)	ND (0.0011)	ND (0.0012)	ND (0.0009)	ND (0.00094)
Cyclohexane	NA	-	-	ND (0.0012)	ND (0.0012)	ND (0.0012)	ND (0.0012)	ND (0.0011)	ND (0.0011)	ND (0.0012)	-	-	ND (0.0011)	ND (0.0013)	ND (0.0011)	ND (0.0011)	ND (0.0012)	ND (0.0009)	ND (0.00094)
Dibromochloromethane	NA	-	-	ND (0.0012)	ND (0.0012)	ND (0.0012)	ND (0.0012)	ND (0.0011)	ND (0.0011)	ND (0.0012)	-	-	ND (0.0011)	ND (0.0013)	ND (0.0011)	ND (0.0011)	ND (0.0012)	ND (0.0009)	ND (0.00094)
Dichlorodifluoromethane (CFC-12)	NA	-	-	ND (0.0012)	ND (0.0012)	ND (0.0012)	ND (0.0012)	ND (0.0011)	ND (0.0011)	ND (0.0012)	-	-	ND (0.0011)	ND (0.0013)	ND (0.0011)	ND (0.0011)	ND (0.0012)	ND (0.0009)	ND (0.00094)
Ethylbenzene	390	-	-	ND (0.0012)	ND (0.0012)	ND (0.0012)	ND (0.0012)	ND (0.0011)	ND (0.0011)	ND (0.0012)	-	-	ND (0.0011)	ND (0.0013)	ND (0.0011)	ND (0.0011)	ND (0.0012)	ND (0.0009)	ND (0.00094)
Isopropylbenzene (Cumene)	NA	-	-	ND (0.0012)	ND (0.0012)	ND (0.0012)	ND (0.0012)	ND (0.0011)	ND (0.0011)	ND (0.0012)	-	-	ND (0.0011)	ND (0.0013)	ND (0.0011)	ND (0.0011)	ND (0.0012)	ND (0.0009)	ND (0.00094)
m,p-Xylenes	NA	-	-	ND (0.0012)	ND (0.0012)	ND (0.0012)	ND (0.0012)	ND (0.0011)	ND (0.0011)	ND (0.0012)	-	-	ND (0.0011)	ND (0.0013)	ND (0.0011)	ND (0.0011)	ND (0.0012)	ND (0.0009)	ND (0.00094)
Methyl acetate	NA	-	-	ND (0.0062)	ND (0.0058)	ND (0.0062)	ND (0.0056)	ND (0.0056)	ND (0.0056)	ND (0.0062)	-	-	ND (0.0053)	ND (0.0063)	ND (0.0057)	ND (0.0057)	ND (0.0058)	ND (0.0045)	ND (0.0047)
Methyl Tert Butyl Ether (MTBE)	500	-	-	ND (0.0012)	ND (0.0012)	ND (0.0012)	ND (0.0012)	ND (0.0011)	ND (0.0011)	ND (0.0012)	-	-	ND (0.0011)	ND (0.0013)	ND (0.0011)	ND (0.0011)	ND (0.0012)	ND (0.0009)	ND (0.00094)
Methylcyclohexane	NA	-	-	ND (0.0012)	ND (0.0012)	ND (0.0012)	ND (0.0012)	ND (0.0011)	ND (0.0011)	ND (0.0012)	-	-	ND (0.0011)	ND (0.0013)	ND (0.0011)	ND (0.0011)	ND (0.0012)	ND (0.0009)	ND (0.00094)
Methylene chloride (Dichloromethane)	500	-	-	ND (0.0025)	ND (0.0023)	ND (0.0023)	ND (0.0025)	ND (0.0022)	0.0016 J	ND (0.0025)	-	-	ND (0.0021)	0.0016 J	ND (0.0023)	ND (0.0023)	ND (0.0023)	ND (0.0018)	ND (0.0019)
n-Butylbenzene	500	-	-	ND (0.0012)	ND (0.0012)	ND (0.0012)	ND (0.0012)	ND (0.0011)	ND (0.0011)	ND (0.0012)	-	-	ND (0.0011)	ND (0.0013)	ND (0.0011)	ND (0.0011)	ND (0.0012)	ND (0.0009)	ND (0.00094)
n-Propylbenzene	500	-	-	ND (0.0012)	ND (0.0012)	ND (0.0012)	ND (0.0012)	ND (0.0011)	ND (0.0011)	ND (0.0012)	-	-	ND (0.0011)	ND (0.0013)	ND (0.0011)	ND (0.0011)	ND (0.0012)	ND (0.0009)	ND (0.00094)
o-Xylene	NA	-	-	ND (0.0012)	ND (0.0012)	ND (0.0012)	ND (0.0012)	ND (0.0011)	ND (0.0011)	ND (0.0012)	-	-	ND (0.0011)	ND (0.0013)	ND (0.0011)	ND (0.0011)	ND (0.0012)	ND (0.0009)	ND (0.00094)
Styrene	NA	-	-	ND (0.0012)	ND (0.0012)	ND (0.0012)	ND (0.0012)	ND (0.0011)	ND (0.0011)	ND (0.0012)	-	-	ND (0.0011)	ND (0.0013)	ND (0.0011)	ND (0.0011)	ND (0.0012)	ND (0.0009)	ND (0.00094)
tert-Butylbenzene	500	-	-	ND (0.0012)	ND (0.0012)	ND (0.0012)	ND (0.0012)	ND (0.0011)	ND (0.0011)	ND (0.0012)	-	-	ND (0.0011)	ND (0.0013)	ND (0.0011)	ND (0.0011)	ND (0.0012)	ND (0.0009)	ND (0.00094)
Tetrachloroethene	150	-	-	ND (0.0012)	ND (0.0012)	ND (0.0012)	ND (0.0012)	ND (0.0011)	ND (0.0011)	ND (0.0012)	-	-	ND (0.0011)	ND (0.0013)	ND (0.0011)	ND (0.0011)	ND (0.0012)	ND (0.0009)	ND (0.00094)
Toluene	500	-	-	ND (0.0012)	ND (0.0012)	ND (0.0012)	ND (0.0012)	ND (0.0011)	ND (0.0011)	0.00089 J	-	-	0.00054 J	0.00049 J	ND (0.0011)	0.00051 J	ND (0.0012)	0.00043 J	0.00056 J
trans-1,2-Dichloroethene	500	-	-	ND (0.0012)	ND (0.0012)	ND (0.0012)	ND (0.0012)	ND (0.0011)	ND (0.0011)	ND (0.0012)	-	-	ND (0.0011)	ND (0.0013)	ND (0.0011)	ND (0.0011)	ND (0.0012)	ND (0.0009)	ND (0.00094)
trans-1,3-Dichloropropene	NA	-	-	ND (0.0012)	ND (0.0012)	ND (0.0012)	ND (0.0012)	ND (0.0011)	ND (0.0011)	ND (0.0012)	-	-	ND (0.0011)	ND (0.0013)	ND (0.0011)	ND (0.0011)	ND (0.0012)	ND (0.0009)	ND (0.00094)
Trichloroethene	200	-	-	ND (0.0012)	ND (0.0012)	ND (0.0012)	ND (0.0012)	ND (0.0011)	ND (0.0011)	ND (0.0012)	-	-	ND (0.0011)	ND (0.0013)	ND (0.0011)	ND (0.0011)	ND (0.0012)	ND (0.0009)	ND (0.00094)
Trichlorofluoromethane (CFC-11)	NA	-	-	ND (0.0012)	ND (0.0012)	ND (0.0012)	ND (0.0012)	ND (0.0011)	ND (0.0011)	ND (0.0012)	-	-	ND (0.0011)	ND (0.0013)	ND (0.0011)	ND (0.0011)	ND (0.0012)	ND (0.0009)	ND (0.00094)
Trifluorotrichloroethane (Freon 113)	NA	-	-	ND (0.0012)	ND (0.0012)	ND (0.0012)	ND (0.0012)	ND (0.0011)	ND (0.0011)	ND (0.0012)	-	-	ND (0.0011)	ND (0.0013)	ND (0.0011)	ND (0.0011)	ND (0.0012)	ND (0.0009)	ND (0.00094)
Vinyl chloride	13	-	-	ND (0.0012)	ND (0.0012)	ND (0.0012)	ND (0.0012)	ND (0.0011)	ND (0.0011)	ND (0.0012)	-	-	ND (0.0011)	ND (0.0013)	ND (0.0011)	ND (0.0011)	ND (0.0012)	ND (0.0009)	ND (0.00094)
Xylene (Total)	500	-	-	ND (0.0025)	ND (0.0023)	ND (0.0023)	ND (0.0025)	ND (0.0022)	ND (0.0022)	ND (0.0025)	-	-	ND (0.0021)	ND (0.0025)	ND (0.0023)	ND (0.0023)	ND (0.0023)	ND (0.0018)	ND (0.0019)

TABLE 12
SUMMARY OF SOIL QUALITY DATA - BERM 45
FORMER PORT MOBIL TERMINAL
STATEN ISLAND, NEW YORK
FILE NO. 0208998

	Criteria																		
Location Name	NY Part 375	45A	45A	45A1	45A1	45A1	45A2	45A2	45A3	45A3	45B	45B	45B1	45B1	45B2	45B2	45B2	45B3	45B3
Sample Name	Commercial	45A_0-6	45A_6-12	45A1_1-2	45A1_5-6	45A1_11-12	45A2_2-3	45A2_7-8	45A3_4-5	45A3_9-10	45B_0-6	45B_6-12	45B1_1-2	45B1_6-7	45B2_3-4	45B2_7-8	45B2_10-11	45B3_4-5	45B3_9-10
Sample Date	Use	10/07/2025	10/07/2025	10/07/2025	10/07/2025	10/07/2025	10/07/2025	10/07/2025	10/07/2025	10/07/2025	10/07/2025	10/07/2025	10/07/2025	10/07/2025	10/07/2025	10/07/2025	10/07/2025	10/07/2025	10/07/2025
Lab Sample ID	Soil Cleanup	460-336648-13	460-336648-14	460-336648-65	460-336648-68	460-336648-71	460-336648-66	460-336648-69	460-336648-67	460-336648-70	460-336648-15	460-336648-16	460-336648-72	460-336648-75	460-336648-73	460-336648-76	460-336648-78	460-336648-74	460-336648-77
Sample Depth (bgs)	Objectives	0 - 6 (ft)	6 - 12 (ft)	1 - 2 (ft)	5 - 6 (ft)	11 - 12 (ft)	2 - 3 (ft)	7 - 8 (ft)	4 - 5 (ft)	9 - 10 (ft)	0 - 6 (ft)	6 - 12 (ft)	1 - 2 (ft)	6 - 7 (ft)	3 - 4 (ft)	7 - 8 (ft)	10 - 11 (ft)	4 - 5 (ft)	9 - 10 (ft)
Semi-Volatile Organic Compounds (mg/kg)																			
1,2,4,5-Tetrachlorobenzene	NA	ND (0.35)	ND (0.34)	-	-	-	-	-	-	-	ND (0.34)	ND (0.35)	-	-	-	-	-	-	-
1,4-Dioxane	130	ND (0.035)	ND (0.034)	-	-	-	-	-	-	-	ND (0.034)	ND (0.035)	-	-	-	-	-	-	-
2,2'-oxybis(1-Chloropropane)	NA	ND (0.35)	ND (0.34)	-	-	-	-	-	-	-	ND (0.34)	ND (0.35)	-	-	-	-	-	-	-
2,3,4,6-Tetrachlorophenol	NA	ND (0.35)	ND (0.34)	-	-	-	-	-	-	-	ND (0.34)	ND (0.35)	-	-	-	-	-	-	-
2,4,5-Trichlorophenol	NA	ND (0.35)	ND (0.34)	-	-	-	-	-	-	-	ND (0.34)	ND (0.35)	-	-	-	-	-	-	-
2,4,6-Trichlorophenol	NA	ND (0.14)	ND (0.14)	-	-	-	-	-	-	-	ND (0.14)	ND (0.14)	-	-	-	-	-	-	-
2,4-Dichlorophenol	NA	ND (0.14)	ND (0.14)	-	-	-	-	-	-	-	ND (0.14)	ND (0.14)	-	-	-	-	-	-	-
2,4-Dimethylphenol	NA	ND (0.35)	ND (0.34)	-	-	-	-	-	-	-	ND (0.34)	ND (0.35)	-	-	-	-	-	-	-
2,4-Dinitrophenol	NA	ND (0.28)	ND (0.28)	-	-	-	-	-	-	-	ND (0.28)	ND (0.28)	-	-	-	-	-	-	-
2,4-Dinitrotoluene	NA	ND (0.07)	ND (0.07)	-	-	-	-	-	-	-	ND (0.07)	ND (0.07)	-	-	-	-	-	-	-
2,6-Dinitrotoluene	NA	ND (0.07)	ND (0.07)	-	-	-	-	-	-	-	ND (0.07)	ND (0.07)	-	-	-	-	-	-	-
2-Chloronaphthalene	NA	ND (0.35)	ND (0.34)	-	-	-	-	-	-	-	ND (0.34)	ND (0.35)	-	-	-	-	-	-	-
2-Chlorophenol	NA	ND (0.35)	ND (0.34)	-	-	-	-	-	-	-	ND (0.34)	ND (0.35)	-	-	-	-	-	-	-
2-Methylnaphthalene	NA	ND (0.35)	ND (0.34)	-	-	-	-	-	-	-	ND (0.34)	ND (0.35)	-	-	-	-	-	-	-
2-Methylphenol (o-Cresol)	500	ND (0.35)	ND (0.34)	-	-	-	-	-	-	-	ND (0.34)	ND (0.35)	-	-	-	-	-	-	-
2-Nitroaniline	NA	ND (0.35)	ND (0.34)	-	-	-	-	-	-	-	ND (0.34)	ND (0.35)	-	-	-	-	-	-	-
2-Nitrophenol	NA	ND (0.35)	ND (0.34)	-	-	-	-	-	-	-	ND (0.34)	ND (0.35)	-	-	-	-	-	-	-
3&4-Methylphenol	NA	ND (0.35)	ND (0.34)	-	-	-	-	-	-	-	ND (0.34)	ND (0.35)	-	-	-	-	-	-	-
3,3'-Dichlorobenzidine	NA	ND (0.14)	ND (0.14)	-	-	-	-	-	-	-	ND (0.14)	ND (0.14)	-	-	-	-	-	-	-
3-Nitroaniline	NA	ND (0.35)	ND (0.34)	-	-	-	-	-	-	-	ND (0.34)	ND (0.35)	-	-	-	-	-	-	-
4,6-Dinitro-2-methylphenol	NA	ND (0.28)	ND (0.28)	-	-	-	-	-	-	-	ND (0.28)	ND (0.28)	-	-	-	-	-	-	-
4-Bromophenyl phenyl ether (BDE-3)	NA	ND (0.35)	ND (0.34)	-	-	-	-	-	-	-	ND (0.34)	ND (0.35)	-	-	-	-	-	-	-
4-Chloro-3-methylphenol	NA	ND (0.35)	ND (0.34)	-	-	-	-	-	-	-	ND (0.34)	ND (0.35)	-	-	-	-	-	-	-
4-Chloroaniline	NA	ND (0.35)	ND (0.34)	-	-	-	-	-	-	-	ND (0.34)	ND (0.35)	-	-	-	-	-	-	-
4-Chlorophenyl phenyl ether	NA	ND (0.35)	ND (0.34)	-	-	-	-	-	-	-	ND (0.34)	ND (0.35)	-	-	-	-	-	-	-
4-Methylphenol	500	ND (0.35)	ND (0.34)	-	-	-	-	-	-	-	ND (0.34)	ND (0.35)	-	-	-	-	-	-	-
4-Nitroaniline	NA	ND (0.35)	ND (0.34)	-	-	-	-	-	-	-	ND (0.34)	ND (0.35)	-	-	-	-	-	-	-
4-Nitrophenol	NA	ND (0.7)	ND (0.7)	-	-	-	-	-	-	-	ND (0.7)	ND (0.7)	-	-	-	-	-	-	-
Acenaphthene	500	ND (0.35)	ND (0.34)	-	-	-	-	-	-	-	ND (0.34)	ND (0.35)	-	-	-	-	-	-	-
Acenaphthylene	500	ND (0.35)	ND (0.34)	-	-	-	-	-	-	-	ND (0.34)	ND (0.35)	-	-	-	-	-	-	-
Acetophenone	NA	ND (0.35)	ND (0.34)	-	-	-	-	-	-	-	ND (0.34)	ND (0.35)	-	-	-	-	-	-	-
Anthracene	500	ND (0.35)	ND (0.34)	-	-	-	-	-	-	-	ND (0.34)	ND (0.35)	-	-	-	-	-	-	-
Atrazine	NA	ND (0.14)	ND (0.14)	-	-	-	-	-	-	-	ND (0.14)	ND (0.14)	-	-	-	-	-	-	-
Benzaldehyde	NA	ND (0.35)	ND (0.34)	-	-	-	-	-	-	-	ND (0.34)	ND (0.35)	-	-	-	-	-	-	-
Benzo(a)anthracene	5.6	ND (0.035)	ND (0.034)	-	-	-	-	-	-	-	ND (0.034)	ND (0.035)	-	-	-	-	-	-	-
Benzo(a)pyrene	1	ND (0.035)	ND (0.034)	-	-	-	-	-	-	-	ND (0.034)	ND (0.035)	-	-	-	-	-	-	-
Benzo(b)fluoranthene	5.6	ND (0.035)	ND (0.034)	-	-	-	-	-	-	-	ND (0.034)	ND (0.035)	-	-	-	-	-	-	-
Benzo(g,h,i)perylene	500	ND (0.35)	ND (0.34)	-	-	-	-	-	-	-	ND (0.34)	ND (0.35)	-	-	-	-	-	-	-
Benzo(k)fluoranthene	56	ND (0.035)	ND (0.034)	-	-	-	-	-	-	-	ND (0.034)	ND (0.035)	-	-	-	-	-	-	-
Biphenyl	NA	ND (0.35)	ND (0.34)	-	-	-	-	-	-	-	ND (0.34)	ND (0.35)	-	-	-	-	-	-	-
bis(2-Chloroethoxy)methane	NA	ND (0.35)	ND (0.34)	-	-	-	-	-	-	-	ND (0.34)	ND (0.35)	-	-	-	-	-	-	-
bis(2-Chloroethyl)ether	NA	ND (0.035)	ND (0.034)	-	-	-	-	-	-	-	ND (0.034)	ND (0.035)	-	-	-	-	-	-	-
bis(2-Ethylhexyl)phthalate	NA	ND (0.35)	ND (0.34)	-	-	-	-	-	-	-	ND (0.34)	ND (0.35)	-	-	-	-	-	-	-
Butyl benzylphthalate (BBP)	NA	ND (0.35)	ND (0.34)	-	-	-	-	-	-	-	ND (0.34)	ND (0.35)	-	-	-	-	-	-	-
Caprolactam	NA	ND (0.35)	ND (0.34)	-	-	-	-	-	-	-	ND (0.34)	ND (0.35)	-	-	-	-	-	-	-
Carbazole	NA	ND (0.35)	ND (0.34)	-	-	-	-	-	-	-	ND (0.34)	ND (0.35)	-	-	-	-	-	-	-
Chrysene	56	ND (0.35)	ND (0.34)	-	-	-	-	-	-	-	ND (0.34)	ND (0.35)	-	-	-	-	-	-	-
Dibenz(a,h)anthracene	0.56	ND (0.035)	ND (0.034)	-	-	-	-	-	-	-	ND (0.034)	ND (0.035)	-	-	-	-	-	-	-
Dibenzofuran	350	ND (0.35)	ND (0.34)	-	-	-	-	-	-	-	ND (0.34)	ND (0.35)	-	-	-	-	-	-	-
Diethyl phthalate	NA	ND (0.35)	ND (0.34)	-	-	-	-	-	-	-	ND (0.34)	ND (0.35)	-	-	-	-	-	-	-
Dimethyl phthalate	NA	ND (0.35)	ND (0.34)	-	-	-	-	-	-	-	ND (0.34)	ND (0.35)	-	-	-	-	-	-	-
Di-n-butylphthalate (DBP)	NA	ND (0.35)	ND (0.34)	-	-	-	-	-	-	-	ND (0.34)	ND (0.35)	-	-	-	-	-	-	-
Di-n-octyl phthalate (DnOP)	NA	ND (0.35)	ND (0.34)	-	-	-	-	-	-	-	ND (0.34)	ND (0.35)	-	-	-	-	-	-	-
Fluoranthene	500	ND (0.35)	ND (0.34)	-	-	-	-	-	-	-	ND (0.34)	ND (0.35)	-	-	-	-	-	-	-
Fluorene	500	ND (0.35)	ND (0.34)	-	-	-	-	-	-	-	ND (0.34)	ND (0.35)	-	-	-	-	-	-	-
Hexachlorobenzene	6	ND (0.035)	ND (0.034)	-	-	-	-	-	-	-	ND (0.034)	ND (0.035)	-	-	-	-	-	-	-
Hexachlorobutadiene	NA	ND (0.07)	ND (0.07)	-	-	-	-	-	-	-	ND (0.07)	ND (0.07)	-	-	-	-	-	-	-
Hexachlorocyclopentadiene	NA	ND (0.35)	ND (0.34)	-	-	-	-	-	-	-	ND (0.34)	ND (0.35)	-	-	-	-	-	-	-
Hexachloroethane	NA	ND (0.035)	ND (0.034)	-	-	-	-	-	-	-	ND (0.034)	ND (0.035)	-	-	-	-	-	-	-
Indeno(1,2,3-cd)pyrene	5.6	ND (0.035)	ND (0.034)	-	-	-	-	-	-	-	ND (0.034)	ND (0.035)	-	-	-	-	-	-	-
Isophorone	NA	ND (0.14)	ND (0.14)	-	-	-	-	-	-	-	ND (0.14)	ND (0.14)	-	-	-	-	-	-	-
Naphthalene	500	ND (0.35)	ND (0.34)	-	-	-	-	-	-	-	ND (0.34)	ND (0.35)	-	-	-	-	-	-	-
Nitrobenzene	NA	ND (0.035)	ND (0.034)	-	-	-	-	-	-	-	ND (0.034)	ND (0.035)	-	-	-	-	-	-	-
N-Nitrosodi-n-propylamine	NA	ND (0.035)	ND (0.034)	-	-	-	-	-	-	-	ND (0.034)	ND (0.035)	-	-	-	-	-	-	-
N-Nitrosodiphenylamine	NA	ND (0.35)	ND (0.34)	-	-	-	-	-	-	-	ND (0.34)	ND (0.35)	-	-	-	-	-	-	-
Pentachlorophenol	6.7	ND (0.28)	ND (0.28)	-	-	-	-	-	-	-	ND (0.28)	ND (0.28)	-	-	-	-	-	-	-
Phenanthrene	500	ND (0.35)	ND (0.34)	-	-	-	-	-	-	-	ND (0.34)	ND (0.35)	-	-	-	-	-	-	-
Phenol	500	ND (0.35)	ND (0.34)	-	-	-	-	-	-	-	ND (0.34)	ND (0.35)	-	-	-	-	-	-	-
Pyrene	500	ND (0.35)	ND (0.34)	-	-	-	-	-	-	-	ND (0.34)	ND (0.35)	-	-	-	-	-	-	-

TABLE 12
SUMMARY OF SOIL QUALITY DATA - BERM 45
FORMER PORT MOBIL TERMINAL
STATEN ISLAND, NEW YORK
FILE NO. 0208998

	Criteria																		
Location Name	NY Part 375	45A	45A	45A1	45A1	45A1	45A2	45A2	45A3	45A3	45B	45B	45B1	45B1	45B2	45B2	45B2	45B3	45B3
Sample Name	Commercial	45A_0-6	45A_6-12	45A1_1-2	45A1_5-6	45A1_11-12	45A2_2-3	45A2_7-8	45A3_4-5	45A3_9-10	45B_0-6	45B_6-12	45B1_1-2	45B1_6-7	45B2_3-4	45B2_7-8	45B2_10-11	45B3_4-5	45B3_9-10
Sample Date	Use	10/07/2025	10/07/2025	10/07/2025	10/07/2025	10/07/2025	10/07/2025	10/07/2025	10/07/2025	10/07/2025	10/07/2025	10/07/2025	10/07/2025	10/07/2025	10/07/2025	10/07/2025	10/07/2025	10/07/2025	10/07/2025
Lab Sample ID	Soil Cleanup	460-336648-13	460-336648-14	460-336648-65	460-336648-68	460-336648-71	460-336648-66	460-336648-69	460-336648-67	460-336648-70	460-336648-15	460-336648-16	460-336648-72	460-336648-75	460-336648-73	460-336648-76	460-336648-78	460-336648-74	460-336648-77
Sample Depth (bgs)	Objectives	0 - 6 (ft)	6 - 12 (ft)	1 - 2 (ft)	5 - 6 (ft)	11 - 12 (ft)	2 - 3 (ft)	7 - 8 (ft)	4 - 5 (ft)	9 - 10 (ft)	0 - 6 (ft)	6 - 12 (ft)	1 - 2 (ft)	6 - 7 (ft)	3 - 4 (ft)	7 - 8 (ft)	10 - 11 (ft)	4 - 5 (ft)	9 - 10 (ft)
PFAS (mg/kg)																			
11-Chloroeicosafluoro-3-Oxaundecane-1-Sulfonic Acid (11Cl-PF3OUdS)	NA	ND (0.00019)	ND (0.00019)	-	-	-	-	-	-	-	ND (0.00019)	ND (0.0002)	-	-	-	-	-	-	-
2H,2H,3H,3H-Perfluorooctanoic acid (5:3 FTCA)	NA	ND (0.00096)	ND (0.00096)	-	-	-	-	-	-	-	ND (0.00096)	ND (0.00099)	-	-	-	-	-	-	-
3-(Perfluoroheptyl)propanoic acid (7:3 FTCA)	NA	0.00078 J	0.00065 J	-	-	-	-	-	-	-	0.00089 J	0.00092 J	-	-	-	-	-	-	-
3:3 Fluorotelomer carboxylic acid (3:3 FTCA)	NA	ND (0.00038)	ND (0.00038)	-	-	-	-	-	-	-	ND (0.00039)	ND (0.0004)	-	-	-	-	-	-	-
4,8-Dioxa-3H-Perfluorononanoic Acid (ADONA)	NA	ND (0.00019)	ND (0.00019)	-	-	-	-	-	-	-	ND (0.00019)	ND (0.0002)	-	-	-	-	-	-	-
4:2 Fluorotelomer sulfonic acid (4:2 FTS)	NA	ND (0.00038)	ND (0.00038)	-	-	-	-	-	-	-	ND (0.00039)	ND (0.0004)	-	-	-	-	-	-	-
6:2 Fluorotelomer sulfonic acid (6:2 FTS)	NA	0.00101	0.00022 J	-	-	-	-	-	-	-	0.00044	0.00036 J	-	-	-	-	-	-	-
8:2 Fluorotelomer sulfonic acid (8:2 FTS)	NA	0.0488	0.0183	-	-	-	-	-	-	-	0.013	0.0158	-	-	-	-	-	-	-
9-Chlorohexadecafluoro-3-Oxanone-1-Sulfonic Acid (9Cl-PF3ONS)	NA	ND (0.00019)	ND (0.00019)	-	-	-	-	-	-	-	ND (0.00019)	ND (0.0002)	-	-	-	-	-	-	-
N-Ethyl Perfluorooctanesulfonamidoacetic Acid (NEtFOSAA)	NA	ND (0.00019)	ND (0.00019)	-	-	-	-	-	-	-	ND (0.00019)	ND (0.0002)	-	-	-	-	-	-	-
N-Ethylperfluorooctane sulfonamide (N-EtFOSA)	NA	ND (0.00019)	ND (0.00019)	-	-	-	-	-	-	-	ND (0.00019)	ND (0.0002)	-	-	-	-	-	-	-
N-Ethylperfluorooctane sulfonamidoethanol (N-EtFOSE)	NA	ND (0.00096)	ND (0.00096)	-	-	-	-	-	-	-	ND (0.00096)	ND (0.00099)	-	-	-	-	-	-	-
N-Methyl Perfluorooctanesulfonamidoacetic Acid (NMeFOSAA)	NA	ND (0.00019)	ND (0.00019)	-	-	-	-	-	-	-	ND (0.00019)	ND (0.0002)	-	-	-	-	-	-	-
N-Methylperfluorooctane sulfonamide (N-MeFOSA)	NA	ND (0.00019)	ND (0.00019)	-	-	-	-	-	-	-	ND (0.00019)	ND (0.0002)	-	-	-	-	-	-	-
N-Methylperfluorooctane sulfonamidoethanol (N-MeFOSE)	NA	ND (0.00096)	ND (0.00096)	-	-	-	-	-	-	-	ND (0.00096)	ND (0.00099)	-	-	-	-	-	-	-
Nonafluoro-3,6-dioxaheptanoic acid (NFDHA)	NA	ND (0.00019)	ND (0.00019)	-	-	-	-	-	-	-	ND (0.00019)	ND (0.0002)	-	-	-	-	-	-	-
Perfluoro(2-ethoxyethane) sulphonic acid (PFEESA)	NA	ND (0.00019)	ND (0.00019)	-	-	-	-	-	-	-	ND (0.00019)	ND (0.0002)	-	-	-	-	-	-	-
Perfluoro(4-methoxybutanoic) acid (PFMBA)	NA	ND (0.00019)	ND (0.00019)	-	-	-	-	-	-	-	ND (0.00019)	ND (0.0002)	-	-	-	-	-	-	-
Perfluoro-2-propoxypropanoic acid (PFPrOPrA)(GenX) (HFPO-DA)	NA	ND (0.00019)	ND (0.00019)	-	-	-	-	-	-	-	ND (0.00019)	ND (0.0002)	-	-	-	-	-	-	-
Perfluoro-3-methoxypropanoic acid (PFMPA)	NA	ND (0.00019)	ND (0.00019)	-	-	-	-	-	-	-	ND (0.00019)	ND (0.0002)	-	-	-	-	-	-	-
Perfluorobutanesulfonic acid (PFBS)	NA	ND (0.00019)	ND (0.00019)	-	-	-	-	-	-	-	ND (0.00019)	ND (0.0002)	-	-	-	-	-	-	-
Perfluorobutanoic acid (PFBA)	NA	ND (0.00038)	ND (0.00038)	-	-	-	-	-	-	-	ND (0.00039)	ND (0.0004)	-	-	-	-	-	-	-
Perfluorodecanesulfonic acid (PFDS)	NA	ND (0.00019)	ND (0.00019)	-	-	-	-	-	-	-	ND (0.00019)	ND (0.0002)	-	-	-	-	-	-	-
Perfluorodecanoic acid (PFDA)	NA	0.0034	0.00529	-	-	-	-	-	-	-	0.00195	0.00326	-	-	-	-	-	-	-
Perfluorododecane sulfonic acid (PFDoDS)	NA	ND (0.00019)	ND (0.00019)	-	-	-	-	-	-	-	ND (0.00019)	ND (0.0002)	-	-	-	-	-	-	-
Perfluorododecanoic acid (PFDoDA)	NA	0.00344	0.00117	-	-	-	-	-	-	-	0.0025	0.00152	-	-	-	-	-	-	-
Perfluoroheptanesulfonic acid (PFHpS)	NA	ND (0.00019)	ND (0.00019)	-	-	-	-	-	-	-	ND (0.00019)	ND (0.0002)	-	-	-	-	-	-	-
Perfluoroheptanoic acid (PFHpA)	NA	0.00037	0.00046	-	-	-	-	-	-	-	0.00017 J	0.0002	-	-	-	-	-	-	-
Perfluorohexanesulfonic acid (PFHxS)	NA	ND (0.00019)	ND (0.00019)	-	-	-	-	-	-	-	ND (0.00019)	ND (0.0002)	-	-	-	-	-	-	-
Perfluorohexanoic acid (PFHxA)	NA	0.00026	0.00023	-	-	-	-	-	-	-	ND (0.00019)	ND (0.0002)	-	-	-	-	-	-	-
Perfluorononane sulfonic acid (PFNS)	NA	ND (0.00019)	ND (0.00019)	-	-	-	-	-	-	-	ND (0.00019)	ND (0.0002)	-	-	-	-	-	-	-
Perfluorononanoic acid (PFNA)	NA	0.00113	0.00082	-	-	-	-	-	-	-	0.0007	0.0007	-	-	-	-	-	-	-
Perfluorooctane sulfonamide (PFOSA)	NA	ND (0.00019)	ND (0.00019)	-	-	-	-	-	-	-	ND (0.00019)	ND (0.0002)	-	-	-	-	-	-	-
Perfluorooctanesulfonic acid (PFOS)	0.44	ND (0.00019)	ND (0.00019)	-	-	-	-	-	-	-	ND (0.00019)	ND (0.0002)	-	-	-	-	-	-	-
Perfluorooctanoic acid (PFOA)	0.5	0.00131	0.00061	-	-	-	-	-	-	-	0.00025	0.00026	-	-	-	-	-	-	-
Perfluoropentanesulfonic acid (PFPeS)	NA	ND (0.00019)	ND (0.00019)	-	-	-	-	-	-	-	ND (0.00019)	ND (0.0002)	-	-	-	-	-	-	-
Perfluoropentanoic acid (PFPeA)	NA	0.00014 J	0.00022	-	-	-	-	-	-	-	ND (0.00019)	ND (0.0002)	-	-	-	-	-	-	-
Perfluorotetradecanoic acid (PFTeDA)	NA	0.00104	0.00017 J	-	-	-	-	-	-	-	0.00098	0.0004	-	-	-	-	-	-	-
Perfluorotridecanoic acid (PFTrDA)	NA	0.0105	0.00188	-	-	-	-	-	-	-	0.00669	0.00358	-	-	-	-	-	-	-
Perfluoroundecanoic acid (PFUnDA)	NA	0.0123	0.0381	-	-	-	-	-	-	-	0.0187	0.0205	-	-	-	-	-	-	-
Pesticides (mg/kg)																			
4,4'-DDD	92	ND (0.007)	ND (0.007)	-	-	-	-	-	-	-	ND (0.007)	ND (0.007)	-	-	-	-	-	-	-
4,4'-DDE	62	ND (0.007)	ND (0.007)	-	-	-	-	-	-	-	ND (0.007)	ND (0.007)	-	-	-	-	-	-	-
4,4'-DDT	47	ND (0.007)	ND (0.007)	-	-	-	-	-	-	-	ND (0.007)	ND (0.007)	-	-	-	-	-	-	-
Aldrin	0.68	ND (0.007)	ND (0.007)	-	-	-	-	-	-	-	ND (0.007)	ND (0.007)	-	-	-	-	-	-	-
alpha-BHC	3.4	ND (0.0021)	ND (0.0021)	-	-	-	-	-	-	-	ND (0.0021)	ND (0.0021)	-	-	-	-	-	-	-
alpha-Chlordane (cis)	24	ND (0.007)	ND (0.007)	-	-	-	-	-	-	-	ND (0.007)	ND (0.007)	-	-	-	-	-	-	-
beta-BHC	3	ND (0.0021)	ND (0.0021)	-	-	-	-	-	-	-	ND (0.0021)	ND (0.0021)	-	-	-	-	-	-	-
Chlordane	NA	ND (0.07)	ND (0.07)	-	-	-	-	-	-	-	ND (0.07)	ND (0.07)	-	-	-	-	-	-	-
delta-BHC	500	ND (0.0021)	ND (0.0021)	-	-	-	-	-	-	-	ND (0.0021)	ND (0.0021)	-	-	-	-	-	-	-
Dieldrin	1.4	ND (0.0021)	ND (0.0021)	-	-	-	-	-	-	-	ND (0.0021)	ND (0.0021)	-	-	-	-	-	-	-
Endosulfan I	200	ND (0.007)	ND (0.007)	-	-	-	-	-	-	-	ND (0.007)	ND (0.007)	-	-	-	-	-	-	-
Endosulfan II	200	ND (0.007)	ND (0.007)	-	-	-	-	-	-	-	ND (0.007)	ND (0.007)	-	-	-	-	-	-	-
Endosulfan sulfate	200	ND (0.007)	ND (0.007)	-	-	-	-	-	-	-	ND (0.007)	ND (0.007)	-	-	-	-	-	-	-
Endrin	89	ND (0.007)	ND (0.007)	-	-	-	-	-	-	-	ND (0.007)	ND (0.007)	-	-	-	-	-	-	-
Endrin aldehyde	NA	ND (0.007)	ND (0.007)	-	-	-	-	-	-	-	ND (0.007)	ND (0.007)	-	-	-	-	-	-	-
Endrin ketone	NA	ND (0.007)	ND (0.007)	-	-	-	-	-	-	-	ND (0.007)	ND (0.007)	-	-	-	-	-	-	-
gamma-BHC (Lindane)	9.2	ND (0.0021)	ND (0.0021)	-	-	-	-	-	-	-	ND (0.0021)	ND (0.0021)	-	-	-	-	-	-	-
Heptachlor	15	ND (0.007)	ND (0.007)	-	-	-	-	-	-	-	ND (0.007)	ND (0.007)	-	-	-	-	-	-	-
Heptachlor epoxide	NA	ND (0.007)	ND (0.007)	-	-	-	-	-	-	-	ND (0.007)	ND (0.007)	-	-	-	-	-	-	-
Methoxychlor	NA	ND (0.007)	ND (0.007)	-	-	-	-	-	-	-	ND (0.007)	ND (0.007)	-	-	-	-	-	-	-
Toxaphene	NA	ND (0.07)	ND (0.07)	-	-	-	-	-	-	-	ND (0.07)	ND (0.07)	-	-	-	-	-	-	-

TABLE 12
SUMMARY OF SOIL QUALITY DATA - BERM 45
FORMER PORT MOBIL TERMINAL
STATEN ISLAND, NEW YORK
FILE NO. 0208998

	Criteria																		
Location Name	NY Part 375	45A	45A	45A1	45A1	45A1	45A2	45A2	45A3	45A3	45B	45B	45B1	45B1	45B2	45B2	45B2	45B3	45B3
Sample Name	Commercial	45A_0-6	45A_6-12	45A1_1-2	45A1_5-6	45A1_11-12	45A2_2-3	45A2_7-8	45A3_4-5	45A3_9-10	45B_0-6	45B_6-12	45B1_1-2	45B1_6-7	45B2_3-4	45B2_7-8	45B2_10-11	45B3_4-5	45B3_9-10
Sample Date	Use	10/07/2025	10/07/2025	10/07/2025	10/07/2025	10/07/2025	10/07/2025	10/07/2025	10/07/2025	10/07/2025	10/07/2025	10/07/2025	10/07/2025	10/07/2025	10/07/2025	10/07/2025	10/07/2025	10/07/2025	10/07/2025
Lab Sample ID	Soil Cleanup	460-336648-13	460-336648-14	460-336648-65	460-336648-68	460-336648-71	460-336648-66	460-336648-69	460-336648-67	460-336648-70	460-336648-15	460-336648-16	460-336648-72	460-336648-75	460-336648-73	460-336648-76	460-336648-78	460-336648-74	460-336648-77
Sample Depth (bgs)	Objectives	0 - 6 (ft)	6 - 12 (ft)	1 - 2 (ft)	5 - 6 (ft)	11 - 12 (ft)	2 - 3 (ft)	7 - 8 (ft)	4 - 5 (ft)	9 - 10 (ft)	0 - 6 (ft)	6 - 12 (ft)	1 - 2 (ft)	6 - 7 (ft)	3 - 4 (ft)	7 - 8 (ft)	10 - 11 (ft)	4 - 5 (ft)	9 - 10 (ft)
Polychlorinated Biphenyls (mg/kg)																			
Aroclor-1016 (PCB-1016)	NA	ND (0.07)	ND (0.07)	-	-	-	-	-	-	-	ND (0.07)	ND (0.07)	-	-	-	-	-	-	-
Aroclor-1221 (PCB-1221)	NA	ND (0.07)	ND (0.07)	-	-	-	-	-	-	-	ND (0.07)	ND (0.07)	-	-	-	-	-	-	-
Aroclor-1232 (PCB-1232)	NA	ND (0.07)	ND (0.07)	-	-	-	-	-	-	-	ND (0.07)	ND (0.07)	-	-	-	-	-	-	-
Aroclor-1242 (PCB-1242)	NA	ND (0.07)	ND (0.07)	-	-	-	-	-	-	-	ND (0.07)	ND (0.07)	-	-	-	-	-	-	-
Aroclor-1248 (PCB-1248)	NA	ND (0.07)	ND (0.07)	-	-	-	-	-	-	-	ND (0.07)	ND (0.07)	-	-	-	-	-	-	-
Aroclor-1254 (PCB-1254)	NA	ND (0.07)	ND (0.07)	-	-	-	-	-	-	-	ND (0.07)	ND (0.07)	-	-	-	-	-	-	-
Aroclor-1260 (PCB-1260)	NA	ND (0.07)	ND (0.07)	-	-	-	-	-	-	-	ND (0.07)	ND (0.07)	-	-	-	-	-	-	-
Aroclor-1262 (PCB-1262)	NA	ND (0.07)	ND (0.07)	-	-	-	-	-	-	-	ND (0.07)	ND (0.07)	-	-	-	-	-	-	-
Aroclor-1268 (PCB-1268)	NA	ND (0.07)	ND (0.07)	-	-	-	-	-	-	-	ND (0.07)	ND (0.07)	-	-	-	-	-	-	-
Total PCBs	1	ND (0.07)	ND (0.07)	-	-	-	-	-	-	-	ND (0.07)	ND (0.07)	-	-	-	-	-	-	-
Inorganic Compounds (mg/kg)																			
Aluminum	NA	4660	4850	-	-	-	-	-	-	-	5170	3850	-	-	-	-	-	-	-
Antimony	NA	2.8	6.2	-	-	-	-	-	-	-	5.5	4.4	-	-	-	-	-	-	-
Arsenic	16	9.7	13.8	-	-	-	-	-	-	-	11.6	11.4	-	-	-	-	-	-	-
Barium	400	23.3	29.2	-	-	-	-	-	-	-	48.3	25.2	-	-	-	-	-	-	-
Beryllium	590	0.41	0.47	-	-	-	-	-	-	-	0.96	0.51	-	-	-	-	-	-	-
Cadmium	9.3	0.2 J	0.2 J	-	-	-	-	-	-	-	0.62 J	0.58 J	-	-	-	-	-	-	-
Calcium	NA	782	819	-	-	-	-	-	-	-	24500	44100	-	-	-	-	-	-	-
Chromium	NA	15.2	21.7	-	-	-	-	-	-	-	41.6	27.8	-	-	-	-	-	-	-
Cobalt	NA	4.8	4.3	-	-	-	-	-	-	-	9.7	5.7	-	-	-	-	-	-	-
Copper	270	45.9	81.8	-	-	-	-	-	-	-	224	116	-	-	-	-	-	-	-
Iron	NA	17200	17400	-	-	-	-	-	-	-	20300	16000	-	-	-	-	-	-	-
Lead	1000	99.6	174	-	-	-	-	-	-	-	432	204	-	-	-	-	-	-	-
Magnesium	NA	1220	1150	-	-	-	-	-	-	-	14800	25200	-	-	-	-	-	-	-
Manganese	10000	119	130	-	-	-	-	-	-	-	182	165	-	-	-	-	-	-	-
Mercury	2.8	0.027	0.049	-	-	-	-	-	-	-	0.069	0.05	-	-	-	-	-	-	-
Nickel	310	16.1	25.5	-	-	-	-	-	-	-	107	48.9	-	-	-	-	-	-	-
Potassium	NA	1170	1040	-	-	-	-	-	-	-	1030	891	-	-	-	-	-	-	-
Selenium	1500	0.38 J	0.66 J	-	-	-	-	-	-	-	0.59 J	0.37 J	-	-	-	-	-	-	-
Silver	1500	0.27 J	0.74	-	-	-	-	-	-	-	0.63	0.53	-	-	-	-	-	-	-
Sodium	NA	51 J	47.2 J	-	-	-	-	-	-	-	112	55.2 J	-	-	-	-	-	-	-
Thallium	NA	0.047 J	0.056 J	-	-	-	-	-	-	-	0.051 J	0.042 J	-	-	-	-	-	-	-
Vanadium	NA	23.4	33.7	-	-	-	-	-	-	-	27.6	25.1	-	-	-	-	-	-	-
Zinc	10000	86.5	104	-	-	-	-	-	-	-	428	188	-	-	-	-	-	-	-

ABBREVIATIONS AND NOTES:

mg/kg: milligram per kilogram

**: LCS or LCSD is outside acceptance limits.*
-: Not Analyzed
B: Compound was found in the blank and the associated sample.
bgs: below ground surface
ft: feet
J: Value is estimated.
NA: Not Applicable
ND (2.5): Not detected, number in parentheses is the laboratory reporting limit

- For test methods used, see the laboratory data sheets.
- Soil analytical results are compared to the New York State Department of Environmental Conservation (NYSDEC) Title 6 of the Official Compilation of New York Codes, Rules, and Regulations (NYCRR) Part 375 Commercial Use Soil Cleanup Objectives (SCO).
- Grey shading indicates an exceedance of the Commercial Use Soil Cleanup Objectives.

TABLE 12
SUMMARY OF SOIL QUALITY DATA - BERM 45
FORMER PORT MOBIL TERMINAL
STATEN ISLAND, NEW YORK
FILE NO. 0208998

	Criteria									
Location Name	NY Part 375	45C	45C	45C1	45C1	45C2	45C2	45C2	45C3	45C3
Sample Name	Commercial	45C_0-6	45C_6-12	45C1_1-2	45C1_5-6	45C2_3-4	45C2_6-7	45C2_11-12	45C3_4-5	45C3_8-9
Sample Date	Use	10/07/2025	10/07/2025	10/07/2025	10/07/2025	10/07/2025	10/07/2025	10/07/2025	10/07/2025	10/07/2025
Lab Sample ID	Soil Cleanup	460-336648-17	460-336648-18	460-336648-79	460-336648-82	460-336648-80	460-336648-83	460-336648-85	460-336648-81	460-336648-84
Sample Depth (bgs)	Objectives	0 - 6 (ft)	6 - 12 (ft)	1 - 2 (ft)	5 - 6 (ft)	3 - 4 (ft)	6 - 7 (ft)	11 - 12 (ft)	4 - 5 (ft)	8 - 9 (ft)
Volatile Organic Compounds (mg/kg)										
1,1,1-Trichloroethane	500	-	-	ND (0.00099)	ND (0.001)	ND (0.00076)	ND (0.00091)	ND (0.00099)	ND (0.0009)	ND (0.0011)
1,1,2,2-Tetrachloroethane	NA	-	-	ND (0.00099)	ND (0.001)	ND (0.00076)	ND (0.00091)	ND (0.00099)	ND (0.0009)	ND (0.0011)
1,1,2-Trichloroethane	NA	-	-	ND (0.00099)	ND (0.001)	ND (0.00076)	ND (0.00091)	ND (0.00099)	ND (0.0009)	ND (0.0011)
1,1-Dichloroethane	240	-	-	ND (0.00099)	ND (0.001)	ND (0.00076)	ND (0.00091)	ND (0.00099)	ND (0.0009)	ND (0.0011)
1,1-Dichloroethene	500	-	-	ND (0.00099)	ND (0.001)	ND (0.00076)	ND (0.00091)	ND (0.00099)	ND (0.0009)	ND (0.0011)
1,2,3-Trichlorobenzene	NA	-	-	ND (0.00099)	ND (0.001)	ND (0.00076)	ND (0.00091)	ND (0.00099)	ND (0.0009)	ND (0.0011)
1,2,4-Trichlorobenzene	NA	-	-	ND (0.00099)	ND (0.001)	ND (0.00076)	ND (0.00091)	ND (0.00099)	ND (0.0009)	ND (0.0011)
1,2,4-Trimethylbenzene	190	-	-	ND (0.00099)	ND (0.001)	ND (0.00076)	ND (0.00091)	ND (0.00099)	ND (0.0009)	ND (0.0011)
1,2-Dibromo-3-chloropropane (DBCP)	NA	-	-	ND (0.00099)	ND (0.001)	ND (0.00076)	ND (0.00091)	ND (0.00099)	ND (0.0009)	ND (0.0011)
1,2-Dibromoethane (Ethylene Dibromide)	NA	-	-	ND (0.00099)	ND (0.001)	ND (0.00076)	ND (0.00091)	ND (0.00099)	ND (0.0009)	ND (0.0011)
1,2-Dichlorobenzene	500	-	-	ND (0.00099)	ND (0.001)	ND (0.00076)	ND (0.00091)	ND (0.00099)	ND (0.0009)	ND (0.0011)
1,2-Dichloroethane	30	-	-	ND (0.00099)	ND (0.001)	ND (0.00076)	ND (0.00091)	ND (0.00099)	ND (0.0009)	ND (0.0011)
1,2-Dichloropropane	NA	-	-	ND (0.00099)	ND (0.001)	ND (0.00076)	ND (0.00091)	ND (0.00099)	ND (0.0009)	ND (0.0011)
1,3,5-Trimethylbenzene	190	-	-	ND (0.00099)	ND (0.001)	ND (0.00076)	ND (0.00091)	ND (0.00099)	ND (0.0009)	ND (0.0011)
1,3-Dichlorobenzene	280	-	-	ND (0.00099)	ND (0.001)	ND (0.00076)	ND (0.00091)	ND (0.00099)	ND (0.0009)	ND (0.0011)
1,4-Dichlorobenzene	130	-	-	ND (0.00099)	ND (0.001)	ND (0.00076)	ND (0.00091)	ND (0.00099)	ND (0.0009)	ND (0.0011)
2-Butanone (Methyl Ethyl Ketone)	500	-	-	ND (0.0049)	ND (0.0051)	ND (0.0038)	ND (0.0045)	ND (0.005)	ND (0.0045)	ND (0.0057)
2-Hexanone (Methyl Butyl Ketone)	NA	-	-	ND (0.0049)	ND (0.0051)	ND (0.0038)	ND (0.0045)	ND (0.005)	ND (0.0045)	ND (0.0057)
2-Phenylbutane (sec-Butylbenzene)	500	-	-	ND (0.00099)	ND (0.001)	ND (0.00076)	ND (0.00091)	ND (0.00099)	ND (0.0009)	ND (0.0011)
4-Methyl-2-Pentanone (Methyl Isobutyl Ketone)	NA	-	-	ND (0.0049)	ND (0.0051)	ND (0.0038)	ND (0.0045)	ND (0.005)	ND (0.0045)	ND (0.0057)
Acetone	500	-	-	ND (0.0059)	ND (0.0061)	ND (0.0046)	ND (0.0055)	ND (0.006)	ND (0.0054)	ND (0.0068)
Benzene	44	-	-	ND (0.00099)	ND (0.001)	ND (0.00076)	ND (0.00091)	ND (0.00099)	ND (0.0009)	ND (0.0011)
Bromodichloromethane	NA	-	-	ND (0.00099)	ND (0.001)	ND (0.00076)	ND (0.00091)	ND (0.00099)	ND (0.0009)	ND (0.0011)
Bromoform	NA	-	-	ND (0.00099)	ND (0.001)	ND (0.00076)	ND (0.00091)	ND (0.00099)	ND (0.0009)	ND (0.0011)
Bromomethane (Methyl Bromide)	NA	-	-	ND (0.002)	ND (0.002)	ND (0.0015)	ND (0.0018)	ND (0.002)	ND (0.0018)	ND (0.0023)
Carbon disulfide	NA	-	-	ND (0.00099)	ND (0.001)	ND (0.00076)	ND (0.00091)	ND (0.00099)	ND (0.0009)	ND (0.0011)
Carbon tetrachloride	22	-	-	ND (0.00099)	ND (0.001)	ND (0.00076)	ND (0.00091)	ND (0.00099)	ND (0.0009)	ND (0.0011)
Chlorobenzene	500	-	-	ND (0.00099)	ND (0.001)	ND (0.00076)	ND (0.00091)	ND (0.00099)	ND (0.0009)	ND (0.0011)
Chlorobromomethane	NA	-	-	ND (0.00099)	ND (0.001)	ND (0.00076)	ND (0.00091)	ND (0.00099)	ND (0.0009)	ND (0.0011)
Chloroethane	NA	-	-	ND (0.00099)	ND (0.001)	ND (0.00076)	ND (0.00091)	ND (0.00099)	ND (0.0009)	ND (0.0011)
Chloroform (Trichloromethane)	350	-	-	ND (0.00099)	ND (0.001)	ND (0.00076)	ND (0.00091)	ND (0.00099)	ND (0.0009)	ND (0.0011)
Chloromethane (Methyl Chloride)	NA	-	-	ND (0.00099)	ND (0.001)	ND (0.00076)	ND (0.00091)	ND (0.00099)	ND (0.0009)	ND (0.0011)
cis-1,2-Dichloroethene	500	-	-	ND (0.00099)	ND (0.001)	ND (0.00076)	ND (0.00091)	ND (0.00099)	ND (0.0009)	ND (0.0011)
cis-1,3-Dichloropropene	NA	-	-	ND (0.00099)	ND (0.001)	ND (0.00076)	ND (0.00091)	ND (0.00099)	ND (0.0009)	ND (0.0011)
Cyclohexane	NA	-	-	ND (0.00099)	ND (0.001)	ND (0.00076)	ND (0.00091)	ND (0.00099)	ND (0.0009)	ND (0.0011)
Dibromochloromethane	NA	-	-	ND (0.00099)	ND (0.001)	ND (0.00076)	ND (0.00091)	ND (0.00099)	ND (0.0009)	ND (0.0011)
Dichlorodifluoromethane (CFC-12)	NA	-	-	ND (0.00099)	ND (0.001)	ND (0.00076)	ND (0.00091)	ND (0.00099)	ND (0.0009)	ND (0.0011)
Ethylbenzene	390	-	-	ND (0.00099)	ND (0.001)	ND (0.00076)	ND (0.00091)	ND (0.00099)	ND (0.0009)	ND (0.0011)
Isopropylbenzene (Cumene)	NA	-	-	ND (0.00099)	ND (0.001)	ND (0.00076)	ND (0.00091)	ND (0.00099)	ND (0.0009)	ND (0.0011)
m,p-Xylenes	NA	-	-	ND (0.00099)	ND (0.001)	ND (0.00076)	ND (0.00091)	ND (0.00099)	ND (0.0009)	ND (0.0011)
Methyl acetate	NA	-	-	ND (0.0049)	ND (0.0051)	ND (0.0038)	ND (0.0045)	ND (0.005)	ND (0.0045)	ND (0.0057)
Methyl Tert Butyl Ether (MTBE)	500	-	-	ND (0.00099)	ND (0.001)	ND (0.00076)	ND (0.00091)	ND (0.00099)	ND (0.0009)	ND (0.0011)
Methylcyclohexane	NA	-	-	ND (0.00099)	ND (0.001)	ND (0.00076)	ND (0.00091)	ND (0.00099)	ND (0.0009)	ND (0.0011)
Methylene chloride (Dichloromethane)	500	-	-	ND (0.002)	0.0043	ND (0.0015)	0.004	ND (0.002)	ND (0.0018)	0.0066
n-Butylbenzene	500	-	-	ND (0.00099)	ND (0.001)	ND (0.00076)	ND (0.00091)	ND (0.00099)	ND (0.0009)	ND (0.0011)
n-Propylbenzene	500	-	-	ND (0.00099)	ND (0.001)	ND (0.00076)	ND (0.00091)	ND (0.00099)	ND (0.0009)	ND (0.0011)
o-Xylene	NA	-	-	ND (0.00099)	ND (0.001)	ND (0.00076)	ND (0.00091)	ND (0.00099)	ND (0.0009)	ND (0.0011)
Styrene	NA	-	-	ND (0.00099)	ND (0.001)	ND (0.00076)	ND (0.00091)	ND (0.00099)	ND (0.0009)	ND (0.0011)
tert-Butylbenzene	500	-	-	ND (0.00099)	ND (0.001)	ND (0.00076)	ND (0.00091)	ND (0.00099)	ND (0.0009)	ND (0.0011)
Tetrachloroethene	150	-	-	ND (0.00099)	ND (0.001)	ND (0.00076)	ND (0.00091)	ND (0.00099)	ND (0.0009)	ND (0.0011)
Toluene	500	-	-	ND (0.00099)	ND (0.001)	ND (0.00076)	ND (0.00091)	0.00048 J	ND (0.0009)	ND (0.0011)
trans-1,2-Dichloroethene	500	-	-	ND (0.00099)	ND (0.001)	ND (0.00076)	ND (0.00091)	ND (0.00099)	ND (0.0009)	ND (0.0011)
trans-1,3-Dichloropropene	NA	-	-	ND (0.00099)	ND (0.001)	ND (0.00076)	ND (0.00091)	ND (0.00099)	ND (0.0009)	ND (0.0011)
Trichloroethene	200	-	-	ND (0.00099)	ND (0.001)	ND (0.00076)	ND (0.00091)	ND (0.00099)	ND (0.0009)	ND (0.0011)
Trichlorofluoromethane (CFC-11)	NA	-	-	ND (0.00099)	ND (0.001)	ND (0.00076)	ND (0.00091)	ND (0.00099)	ND (0.0009)	ND (0.0011)
Trifluorotrichloroethane (Freon 113)	NA	-	-	ND (0.00099)	ND (0.001)	ND (0.00076)	ND (0.00091)	ND (0.00099)	ND (0.0009)	ND (0.0011)
Vinyl chloride	13	-	-	ND (0.00099)	ND (0.001)	ND (0.00076)	ND (0.00091)	ND (0.00099)	ND (0.0009)	ND (0.0011)
Xylene (Total)	500	-	-	ND (0.002)	ND (0.002)	ND (0.0015)	ND (0.0018)	ND (0.002)	ND (0.0018)	ND (0.0023)

TABLE 12
SUMMARY OF SOIL QUALITY DATA - BERM 45
FORMER PORT MOBIL TERMINAL
STATEN ISLAND, NEW YORK
FILE NO. 0208998

	Criteria									
Location Name	NY Part 375	45C	45C	45C1	45C1	45C2	45C2	45C2	45C3	45C3
Sample Name	Commercial	45C_0-6	45C_6-12	45C1_1-2	45C1_5-6	45C2_3-4	45C2_6-7	45C2_11-12	45C3_4-5	45C3_8-9
Sample Date	Use	10/07/2025	10/07/2025	10/07/2025	10/07/2025	10/07/2025	10/07/2025	10/07/2025	10/07/2025	10/07/2025
Lab Sample ID	Soil Cleanup	460-336648-17	460-336648-18	460-336648-79	460-336648-82	460-336648-80	460-336648-83	460-336648-85	460-336648-81	460-336648-84
Sample Depth (bgs)	Objectives	0 - 6 (ft)	6 - 12 (ft)	1 - 2 (ft)	5 - 6 (ft)	3 - 4 (ft)	6 - 7 (ft)	11 - 12 (ft)	4 - 5 (ft)	8 - 9 (ft)
Semi-Volatile Organic Compounds (mg/kg)										
1,2,4,5-Tetrachlorobenzene	NA	ND (0.35)	ND (0.36)	-	-	-	-	-	-	-
1,4-Dioxane	130	ND (0.035)	ND (0.036)	-	-	-	-	-	-	-
2,2'-oxybis(1-Chloropropane)	NA	ND (0.35)	ND (0.36)	-	-	-	-	-	-	-
2,3,4,6-Tetrachlorophenol	NA	ND (0.35)	ND (0.36)	-	-	-	-	-	-	-
2,4,5-Trichlorophenol	NA	ND (0.35)	ND (0.36)	-	-	-	-	-	-	-
2,4,6-Trichlorophenol	NA	ND (0.14)	ND (0.14)	-	-	-	-	-	-	-
2,4-Dichlorophenol	NA	ND (0.14)	ND (0.14)	-	-	-	-	-	-	-
2,4-Dimethylphenol	NA	ND (0.35)	ND (0.36)	-	-	-	-	-	-	-
2,4-Dinitrophenol	NA	ND (0.28)	ND (0.29)	-	-	-	-	-	-	-
2,4-Dinitrotoluene	NA	ND (0.071)	ND (0.073)	-	-	-	-	-	-	-
2,6-Dinitrotoluene	NA	ND (0.071)	ND (0.073)	-	-	-	-	-	-	-
2-Chloronaphthalene	NA	ND (0.35)	ND (0.36)	-	-	-	-	-	-	-
2-Chlorophenol	NA	ND (0.35)	ND (0.36)	-	-	-	-	-	-	-
2-Methylnaphthalene	NA	ND (0.35)	ND (0.36)	-	-	-	-	-	-	-
2-Methylphenol (o-Cresol)	500	ND (0.35)	ND (0.36)	-	-	-	-	-	-	-
2-Nitroaniline	NA	ND (0.35)	ND (0.36)	-	-	-	-	-	-	-
2-Nitrophenol	NA	ND (0.35)	ND (0.36)	-	-	-	-	-	-	-
3&4-Methylphenol	NA	ND (0.35)	ND (0.36)	-	-	-	-	-	-	-
3,3'-Dichlorobenzidine	NA	ND (0.14)	ND (0.14)	-	-	-	-	-	-	-
3-Nitroaniline	NA	ND (0.35)	ND (0.36)	-	-	-	-	-	-	-
4,6-Dinitro-2-methylphenol	NA	ND (0.28)	ND (0.29)	-	-	-	-	-	-	-
4-Bromophenyl phenyl ether (BDE-3)	NA	ND (0.35)	ND (0.36)	-	-	-	-	-	-	-
4-Chloro-3-methylphenol	NA	ND (0.35)	ND (0.36)	-	-	-	-	-	-	-
4-Chloroaniline	NA	ND (0.35)	ND (0.36)	-	-	-	-	-	-	-
4-Chlorophenyl phenyl ether	NA	ND (0.35)	ND (0.36)	-	-	-	-	-	-	-
4-Methylphenol	500	ND (0.35)	ND (0.36)	-	-	-	-	-	-	-
4-Nitroaniline	NA	ND (0.35)	ND (0.36)	-	-	-	-	-	-	-
4-Nitrophenol	NA	ND (0.71)	ND (0.73)	-	-	-	-	-	-	-
Acenaphthene	500	ND (0.35)	ND (0.36)	-	-	-	-	-	-	-
Acenaphthylene	500	ND (0.35)	ND (0.36)	-	-	-	-	-	-	-
Acetophenone	NA	ND (0.35)	ND (0.36)	-	-	-	-	-	-	-
Anthracene	500	ND (0.35)	ND (0.36)	-	-	-	-	-	-	-
Atrazine	NA	ND (0.14)	ND (0.14)	-	-	-	-	-	-	-
Benzaldehyde	NA	ND (0.35)	ND (0.36)	-	-	-	-	-	-	-
Benzo(a)anthracene	5.6	ND (0.035)	ND (0.036)	-	-	-	-	-	-	-
Benzo(a)pyrene	1	ND (0.035)	ND (0.036)	-	-	-	-	-	-	-
Benzo(b)fluoranthene	5.6	ND (0.035)	ND (0.036)	-	-	-	-	-	-	-
Benzo(g,h,i)perylene	500	ND (0.35)	ND (0.36)	-	-	-	-	-	-	-
Benzo(k)fluoranthene	56	ND (0.035)	ND (0.036)	-	-	-	-	-	-	-
Biphenyl	NA	ND (0.35)	ND (0.36)	-	-	-	-	-	-	-
bis(2-Chloroethoxy)methane	NA	ND (0.35)	ND (0.36)	-	-	-	-	-	-	-
bis(2-Chloroethyl)ether	NA	ND (0.035)	ND (0.036)	-	-	-	-	-	-	-
bis(2-Ethylhexyl)phthalate	NA	ND (0.35)	ND (0.36)	-	-	-	-	-	-	-
Butyl benzylphthalate (BBP)	NA	ND (0.35)	ND (0.36)	-	-	-	-	-	-	-
Caprolactam	NA	ND (0.35)	ND (0.36)	-	-	-	-	-	-	-
Carbazole	NA	ND (0.35)	ND (0.36)	-	-	-	-	-	-	-
Chrysene	56	ND (0.35)	ND (0.36)	-	-	-	-	-	-	-
Dibenz(a,h)anthracene	0.56	ND (0.035)	ND (0.036)	-	-	-	-	-	-	-
Dibenzofuran	350	ND (0.35)	ND (0.36)	-	-	-	-	-	-	-
Diethyl phthalate	NA	ND (0.35)	ND (0.36)	-	-	-	-	-	-	-
Dimethyl phthalate	NA	ND (0.35)	ND (0.36)	-	-	-	-	-	-	-
Di-n-butylphthalate (DBP)	NA	ND (0.35)	ND (0.36)	-	-	-	-	-	-	-
Di-n-octyl phthalate (DnOP)	NA	ND (0.35)	ND (0.36)	-	-	-	-	-	-	-
Fluoranthene	500	ND (0.35)	ND (0.36)	-	-	-	-	-	-	-
Fluorene	500	ND (0.35)	ND (0.36)	-	-	-	-	-	-	-
Hexachlorobenzene	6	ND (0.035)	ND (0.036)	-	-	-	-	-	-	-
Hexachlorobutadiene	NA	ND (0.071)	ND (0.073)	-	-	-	-	-	-	-
Hexachlorocyclopentadiene	NA	ND (0.35)	ND (0.36)	-	-	-	-	-	-	-
Hexachloroethane	NA	ND (0.035)	ND (0.036)	-	-	-	-	-	-	-
Indeno(1,2,3-cd)pyrene	5.6	ND (0.035)	ND (0.036)	-	-	-	-	-	-	-
Isophorone	NA	ND (0.14)	ND (0.14)	-	-	-	-	-	-	-
Naphthalene	500	ND (0.35)	ND (0.36)	-	-	-	-	-	-	-
Nitrobenzene	NA	ND (0.035)	ND (0.036)	-	-	-	-	-	-	-
N-Nitrosodi-n-propylamine	NA	ND (0.035)	ND (0.036)	-	-	-	-	-	-	-
N-Nitrosodiphenylamine	NA	ND (0.35)	ND (0.36)	-	-	-	-	-	-	-
Pentachlorophenol	6.7	ND (0.28)	ND (0.29)	-	-	-	-	-	-	-
Phenanthrene	500	ND (0.35)	ND (0.36)	-	-	-	-	-	-	-
Phenol	500	ND (0.35)	ND (0.36)	-	-	-	-	-	-	-
Pyrene	500	ND (0.35)	ND (0.36)	-	-	-	-	-	-	-

TABLE 12
SUMMARY OF SOIL QUALITY DATA - BERM 45
FORMER PORT MOBIL TERMINAL
STATEN ISLAND, NEW YORK
FILE NO. 0208998

	Criteria									
Location Name	NY Part 375	45C	45C	45C1	45C1	45C2	45C2	45C2	45C3	45C3
Sample Name	Commercial	45C_0-6	45C_6-12	45C1_1-2	45C1_5-6	45C2_3-4	45C2_6-7	45C2_11-12	45C3_4-5	45C3_8-9
Sample Date	Use	10/07/2025	10/07/2025	10/07/2025	10/07/2025	10/07/2025	10/07/2025	10/07/2025	10/07/2025	10/07/2025
Lab Sample ID	Soil Cleanup	460-336648-17	460-336648-18	460-336648-79	460-336648-82	460-336648-80	460-336648-83	460-336648-85	460-336648-81	460-336648-84
Sample Depth (bgs)	Objectives	0 - 6 (ft)	6 - 12 (ft)	1 - 2 (ft)	5 - 6 (ft)	3 - 4 (ft)	6 - 7 (ft)	11 - 12 (ft)	4 - 5 (ft)	8 - 9 (ft)
PFAS (mg/kg)										
11-Chloroeicosafluoro-3-Oxaundecane-1-Sulfonic Acid (11Cl-PF3OUdS)	NA	ND (0.00019)	ND (0.0002)	-	-	-	-	-	-	-
2H,2H,3H,3H-Perfluorooctanoic acid (5:3 FTCA)	NA	ND (0.00097)	ND (0.001)	-	-	-	-	-	-	-
3-(Perfluoroheptyl)propanoic acid (7:3 FTCA)	NA	ND (0.00097)	ND (0.001)	-	-	-	-	-	-	-
3:3 Fluorotelomer carboxylic acid (3:3 FTCA)	NA	ND (0.00039)	ND (0.0004)	-	-	-	-	-	-	-
4,8-Dioxa-3H-Perfluorononanoic Acid (ADONA)	NA	ND (0.00019)	ND (0.0002)	-	-	-	-	-	-	-
4:2 Fluorotelomer sulfonic acid (4:2 FTS)	NA	ND (0.00039)	ND (0.0004)	-	-	-	-	-	-	-
6:2 Fluorotelomer sulfonic acid (6:2 FTS)	NA	0.00024 J	ND (0.0004)	-	-	-	-	-	-	-
8:2 Fluorotelomer sulfonic acid (8:2 FTS)	NA	0.00355	0.00024 J	-	-	-	-	-	-	-
9-Chlorohexadecafluoro-3-Oxanone-1-Sulfonic Acid (9Cl-PF3ONS)	NA	ND (0.00019)	ND (0.0002)	-	-	-	-	-	-	-
N-Ethyl Perfluorooctanesulfonamidoacetic Acid (NEtFOSAA)	NA	ND (0.00019)	ND (0.0002)	-	-	-	-	-	-	-
N-Ethylperfluorooctane sulfonamide (N-EtFOSA)	NA	ND (0.00019)	ND (0.0002)	-	-	-	-	-	-	-
N-Ethylperfluorooctane sulfonamidoethanol (N-EtFOSE)	NA	ND (0.00097)	ND (0.001)	-	-	-	-	-	-	-
N-Methyl Perfluorooctanesulfonamidoacetic Acid (NMeFOSAA)	NA	ND (0.00019)	ND (0.0002)	-	-	-	-	-	-	-
N-Methylperfluorooctane sulfonamide (N-MeFOSA)	NA	ND (0.00019)	ND (0.0002)	-	-	-	-	-	-	-
N-Methylperfluorooctane sulfonamidoethanol (N-MeFOSE)	NA	ND (0.00097)	ND (0.001)	-	-	-	-	-	-	-
Nonafluoro-3,6-dioxaheptanoic acid (NFDHA)	NA	ND (0.00019)	ND (0.0002)	-	-	-	-	-	-	-
Perfluoro(2-ethoxyethane) sulphonic acid (PFEESA)	NA	ND (0.00019)	ND (0.0002)	-	-	-	-	-	-	-
Perfluoro(4-methoxybutanoic) acid (PFMBA)	NA	ND (0.00019)	ND (0.0002)	-	-	-	-	-	-	-
Perfluoro-2-propoxypropanoic acid (PFPrOPrA)(GenX) (HFPO-DA)	NA	ND (0.00019)	ND (0.0002)	-	-	-	-	-	-	-
Perfluoro-3-methoxypropanoic acid (PFMPA)	NA	ND (0.00019)	ND (0.0002)	-	-	-	-	-	-	-
Perfluorobutanesulfonic acid (PFBS)	NA	ND (0.00019)	ND (0.0002)	-	-	-	-	-	-	-
Perfluorobutanoic acid (PFBA)	NA	ND (0.00039)	ND (0.0004)	-	-	-	-	-	-	-
Perfluorodecanesulfonic acid (PFDS)	NA	ND (0.00019)	ND (0.0002)	-	-	-	-	-	-	-
Perfluorodecanoic acid (PFDA)	NA	0.00115	0.00052	-	-	-	-	-	-	-
Perfluorododecane sulfonic acid (PFDoDS)	NA	ND (0.00019)	ND (0.0002)	-	-	-	-	-	-	-
Perfluorododecanoic acid (PFDoDA)	NA	0.0009	0.00024	-	-	-	-	-	-	-
Perfluoroheptanesulfonic acid (PFHpS)	NA	ND (0.00019)	ND (0.0002)	-	-	-	-	-	-	-
Perfluoroheptanoic acid (PFHpA)	NA	0.00014 J	ND (0.0002)	-	-	-	-	-	-	-
Perfluorohexanesulfonic acid (PFHxS)	NA	ND (0.00019)	ND (0.0002)	-	-	-	-	-	-	-
Perfluorohexanoic acid (PFHxA)	NA	ND (0.00019)	ND (0.0002)	-	-	-	-	-	-	-
Perfluorononane sulfonic acid (PFNS)	NA	ND (0.00019)	ND (0.0002)	-	-	-	-	-	-	-
Perfluorononanoic acid (PFNA)	NA	0.00071	0.0004	-	-	-	-	-	-	-
Perfluorooctane sulfonamide (PFOSA)	NA	ND (0.00019)	ND (0.0002)	-	-	-	-	-	-	-
Perfluorooctanesulfonic acid (PFOS)	0.44	ND (0.00019)	ND (0.0002)	-	-	-	-	-	-	-
Perfluorooctanoic acid (PFOA)	0.5	0.00026	0.000067 J	-	-	-	-	-	-	-
Perfluoropentanesulfonic acid (PFPeS)	NA	ND (0.00019)	ND (0.0002)	-	-	-	-	-	-	-
Perfluoropentanoic acid (PFPeA)	NA	ND (0.00019)	ND (0.0002)	-	-	-	-	-	-	-
Perfluorotetradecanoic acid (PFTeDA)	NA	0.00039	ND (0.0002)	-	-	-	-	-	-	-
Perfluorotridecanoic acid (PFTrDA)	NA	0.00342	0.00087	-	-	-	-	-	-	-
Perfluoroundecanoic acid (PFUnDA)	NA	0.00548	0.0013	-	-	-	-	-	-	-
Pesticides (mg/kg)										
4,4'-DDD	92	ND (0.0072)	ND (0.0074)	-	-	-	-	-	-	-
4,4'-DDE	62	ND (0.0072)	ND (0.0074)	-	-	-	-	-	-	-
4,4'-DDT	47	ND (0.0072)	ND (0.0074)	-	-	-	-	-	-	-
Aldrin	0.68	ND (0.0072)	ND (0.0074)	-	-	-	-	-	-	-
alpha-BHC	3.4	ND (0.0021)	ND (0.0022)	-	-	-	-	-	-	-
alpha-Chlordane (cis)	24	ND (0.0072)	ND (0.0074)	-	-	-	-	-	-	-
beta-BHC	3	ND (0.0021)	ND (0.0022)	-	-	-	-	-	-	-
Chlordane	NA	ND (0.072)	ND (0.074)	-	-	-	-	-	-	-
delta-BHC	500	ND (0.0021)	ND (0.0022)	-	-	-	-	-	-	-
Dieldrin	1.4	ND (0.0021)	ND (0.0022)	-	-	-	-	-	-	-
Endosulfan I	200	ND (0.0072)	ND (0.0074)	-	-	-	-	-	-	-
Endosulfan II	200	ND (0.0072)	ND (0.0074)	-	-	-	-	-	-	-
Endosulfan sulfate	200	ND (0.0072)	ND (0.0074)	-	-	-	-	-	-	-
Endrin	89	ND (0.0072)	ND (0.0074)	-	-	-	-	-	-	-
Endrin aldehyde	NA	ND (0.0072)	ND (0.0074)	-	-	-	-	-	-	-
Endrin ketone	NA	ND (0.0072)	ND (0.0074)	-	-	-	-	-	-	-
gamma-BHC (Lindane)	9.2	ND (0.0021)	ND (0.0022)	-	-	-	-	-	-	-
Heptachlor	15	ND (0.0072)	ND (0.0074)	-	-	-	-	-	-	-
Heptachlor epoxide	NA	ND (0.0072)	ND (0.0074)	-	-	-	-	-	-	-
Methoxychlor	NA	ND (0.0072)	ND (0.0074)	-	-	-	-	-	-	-
Toxaphene	NA	ND (0.072)	ND (0.074)	-	-	-	-	-	-	-

TABLE 12
SUMMARY OF SOIL QUALITY DATA - BERM 45
FORMER PORT MOBIL TERMINAL
STATEN ISLAND, NEW YORK
FILE NO. 0208998

	Criteria									
Location Name	NY Part 375	45C	45C	45C1	45C1	45C2	45C2	45C2	45C3	45C3
Sample Name	Commercial	45C_0-6	45C_6-12	45C1_1-2	45C1_5-6	45C2_3-4	45C2_6-7	45C2_11-12	45C3_4-5	45C3_8-9
Sample Date	Use	10/07/2025	10/07/2025	10/07/2025	10/07/2025	10/07/2025	10/07/2025	10/07/2025	10/07/2025	10/07/2025
Lab Sample ID	Soil Cleanup	460-336648-17	460-336648-18	460-336648-79	460-336648-82	460-336648-80	460-336648-83	460-336648-85	460-336648-81	460-336648-84
Sample Depth (bgs)	Objectives	0 - 6 (ft)	6 - 12 (ft)	1 - 2 (ft)	5 - 6 (ft)	3 - 4 (ft)	6 - 7 (ft)	11 - 12 (ft)	4 - 5 (ft)	8 - 9 (ft)
Polychlorinated Biphenyls (mg/kg)										
Aroclor-1016 (PCB-1016)	NA	ND (0.072)	ND (0.074)	-	-	-	-	-	-	-
Aroclor-1221 (PCB-1221)	NA	ND (0.072)	ND (0.074)	-	-	-	-	-	-	-
Aroclor-1232 (PCB-1232)	NA	ND (0.072)	ND (0.074)	-	-	-	-	-	-	-
Aroclor-1242 (PCB-1242)	NA	ND (0.072)	ND (0.074)	-	-	-	-	-	-	-
Aroclor-1248 (PCB-1248)	NA	ND (0.072)	ND (0.074)	-	-	-	-	-	-	-
Aroclor-1254 (PCB-1254)	NA	ND (0.072)	ND (0.074)	-	-	-	-	-	-	-
Aroclor-1260 (PCB-1260)	NA	ND (0.072)	ND (0.074)	-	-	-	-	-	-	-
Aroclor-1262 (PCB-1262)	NA	ND (0.072)	ND (0.074)	-	-	-	-	-	-	-
Aroclor-1268 (PCB-1268)	NA	ND (0.072)	ND (0.074)	-	-	-	-	-	-	-
Total PCBs	1	ND (0.072)	ND (0.074)	-	-	-	-	-	-	-
Inorganic Compounds (mg/kg)										
Aluminum	NA	6660	6070	-	-	-	-	-	-	-
Antimony	NA	3.6	3	-	-	-	-	-	-	-
Arsenic	16	12.2	10.1	-	-	-	-	-	-	-
Barium	400	54.3	34	-	-	-	-	-	-	-
Beryllium	590	0.78	0.57	-	-	-	-	-	-	-
Cadmium	9.3	0.47 J	0.19 J	-	-	-	-	-	-	-
Calcium	NA	8610	1510	-	-	-	-	-	-	-
Chromium	NA	30.5	25.5	-	-	-	-	-	-	-
Cobalt	NA	8.1	5.1	-	-	-	-	-	-	-
Copper	270	100	40.5	-	-	-	-	-	-	-
Iron	NA	25000	19800	-	-	-	-	-	-	-
Lead	1000	260	81.7	-	-	-	-	-	-	-
Magnesium	NA	5950	2070	-	-	-	-	-	-	-
Manganese	10000	190	162	-	-	-	-	-	-	-
Mercury	2.8	0.12	0.026	-	-	-	-	-	-	-
Nickel	310	41	11	-	-	-	-	-	-	-
Potassium	NA	1220	1400	-	-	-	-	-	-	-
Selenium	1500	0.79 J	0.3 J	-	-	-	-	-	-	-
Silver	1500	0.49	0.3 J	-	-	-	-	-	-	-
Sodium	NA	107	48.8 J	-	-	-	-	-	-	-
Thallium	NA	0.082 J	0.067 J	-	-	-	-	-	-	-
Vanadium	NA	30.9	25.8	-	-	-	-	-	-	-
Zinc	10000	243	66	-	-	-	-	-	-	-

ABBREVIATIONS AND NOTES:

mg/kg: milligram per kilogram

**: LCS or LCSD is outside acceptance limits.*
-: Not Analyzed
B: Compound was found in the blank and the associated sample.
bgs: below ground surface
ft: feet
J: Value is estimated.
NA: Not Applicable
ND (2.5): Not detected, number in parentheses is the laboratory reporting limit

- For test methods used, see the laboratory data sheets.
- Soil analytical results are compared to the New York State Department of Environmental Conservation (NYSDEC) Title 6 of the Official Compilation of New York Codes, Rules, and Regulations (NYCRR) Part 375 Commercial Use Soil Cleanup Objectives (SCO).
- Grey shading indicates an exceedance of the Commercial Use Soil Cleanup Objectives.

TABLE 13
SUMMARY OF SOIL QUALITY DATA - BERM 48
FORMER PORT MOBIL TERMINAL
STATEN ISLAND, NEW YORK
FILE NO. 0208998

	Criteria																		
Location Name	NY Part 375	48A	48A	48A1	48A1	48A1	48A2	48A2	48A3	48A3	48B	48B	48B1	48B1	48B2	48B2	48B2	48B3	48B3
Sample Name	Commercial	48A_0-3	48A_3-6	48A1_0-1	48A1_4-5	48A1_5-6	48A2_3-4	48A2_5-6	48A3_1-2	48A3_2-3	48B_0-3	48B_3-6	48B1_0-1	48B1_3-4	48B2_1-2	48B2_4-5	48B2_5-6	48B3_2-3	48B3_5-6
Sample Date	Use	10/06/2025	10/06/2025	10/06/2025	10/06/2025	10/06/2025	10/06/2025	10/06/2025	10/06/2025	10/06/2025	10/06/2025	10/06/2025	10/06/2025	10/06/2025	10/06/2025	10/06/2025	10/06/2025	10/06/2025	10/06/2025
Lab Sample ID	Soil Cleanup	460-336556-1	460-336556-2	460-336556-13	460-336556-16	460-336556-19	460-336556-14	460-336556-17	460-336556-15	460-336556-18	460-336556-3	460-336556-4	460-336556-20	460-336556-23	460-336556-21	460-336556-24	460-336556-26	460-336556-22	460-336556-25
Sample Depth (bgs)	Objectives	0 - 3 (ft)	3 - 6 (ft)	0 - 1 (ft)	4 - 5 (ft)	5 - 6 (ft)	3 - 4 (ft)	5 - 6 (ft)	1 - 2 (ft)	2 - 3 (ft)	0 - 3 (ft)	3 - 6 (ft)	0 - 1 (ft)	3 - 4 (ft)	1 - 2 (ft)	4 - 5 (ft)	5 - 6 (ft)	2 - 3 (ft)	5 - 6 (ft)
Volatile Organic Compounds (mg/kg)																			
1,1,1-Trichloroethane	500	-	-	ND (0.0008)	ND (0.00098)	ND (0.0012)	ND (0.00097)	ND (0.001)	ND (0.00089)	ND (0.001)	-	-	ND (0.00086)	ND (0.0011)	ND (0.0012)	ND (0.0014)	ND (0.001)	ND (0.0013)	ND (0.0011)
1,1,2,2-Tetrachloroethane	NA	-	-	ND (0.0008)	ND (0.00098)	ND (0.0012)	ND (0.00097)	ND (0.001)	ND (0.00089)	ND (0.001)	-	-	ND (0.00086)	ND (0.0011)	ND (0.0012)	ND (0.0014)	ND (0.001)	ND (0.0013)	ND (0.0011)
1,1,2-Trichloroethane	NA	-	-	ND (0.0008)	ND (0.00098)	ND (0.0012)	ND (0.00097)	ND (0.001)	ND (0.00089)	ND (0.001)	-	-	ND (0.00086)	ND (0.0011)	ND (0.0012)	ND (0.0014)	ND (0.001)	ND (0.0013)	ND (0.0011)
1,1-Dichloroethane	240	-	-	ND (0.0008)	ND (0.00098)	ND (0.0012)	ND (0.00097)	ND (0.001)	ND (0.00089)	ND (0.001)	-	-	ND (0.00086)	ND (0.0011)	ND (0.0012)	ND (0.0014)	ND (0.001)	ND (0.0013)	ND (0.0011)
1,1-Dichloroethene	500	-	-	ND (0.0008)	ND (0.00098)	ND (0.0012)	ND (0.00097)	ND (0.001)	ND (0.00089)	ND (0.001)	-	-	ND (0.00086)	ND (0.0011)	ND (0.0012)	ND (0.0014)	ND (0.001)	ND (0.0013)	ND (0.0011)
1,2,3-Trichlorobenzene	NA	-	-	ND (0.0008)	ND (0.00098)	ND (0.0012)	ND (0.00097)	ND (0.001)	ND (0.00089)	ND (0.001)	-	-	ND (0.00086)	ND (0.0011)	ND (0.0012)	ND (0.0014)	ND (0.001)	ND (0.0013)	ND (0.0011)
1,2,4-Trichlorobenzene	NA	-	-	ND (0.0008)	ND (0.00098)	ND (0.0012)	ND (0.00097)	ND (0.001)	ND (0.00089)	ND (0.001)	-	-	ND (0.00086)	ND (0.0011)	ND (0.0012)	ND (0.0014)	ND (0.001)	ND (0.0013)	ND (0.0011)
1,2,4-Trimethylbenzene	190	-	-	ND (0.0008)	ND (0.00098)	ND (0.0012)	ND (0.00097)	ND (0.001)	ND (0.00089)	ND (0.001)	-	-	ND (0.00086)	ND (0.0011)	ND (0.0012)	ND (0.0014)	ND (0.001)	ND (0.0013)	ND (0.0011)
1,2-Dibromo-3-chloropropane (DBCP)	NA	-	-	ND (0.0008)	ND (0.00098)	ND (0.0012)	ND (0.00097)	ND (0.001)	ND (0.00089)	ND (0.001)	-	-	ND (0.00086)	ND (0.0011)	ND (0.0012)	ND (0.0014)	ND (0.001)	ND (0.0013)	ND (0.0011)
1,2-Dibromoethane (Ethylene Dibromide)	NA	-	-	ND (0.0008)	ND (0.00098)	ND (0.0012)	ND (0.00097)	ND (0.001)	ND (0.00089)	ND (0.001)	-	-	ND (0.00086)	ND (0.0011)	ND (0.0012)	ND (0.0014)	ND (0.001)	ND (0.0013)	ND (0.0011)
1,2-Dichlorobenzene	500	-	-	ND (0.0008)	ND (0.00098)	ND (0.0012)	ND (0.00097)	ND (0.001)	ND (0.00089)	ND (0.001)	-	-	ND (0.00086)	ND (0.0011)	ND (0.0012)	ND (0.0014)	ND (0.001)	ND (0.0013)	ND (0.0011)
1,2-Dichloroethane	30	-	-	ND (0.0008)	ND (0.00098)	ND (0.0012)	ND (0.00097)	ND (0.001)	ND (0.00089)	ND (0.001)	-	-	ND (0.00086)	ND (0.0011)	ND (0.0012)	ND (0.0014)	ND (0.001)	ND (0.0013)	ND (0.0011)
1,2-Dichloropropane	NA	-	-	ND (0.0008)	ND (0.00098)	ND (0.0012)	ND (0.00097)	ND (0.001)	ND (0.00089)	ND (0.001)	-	-	ND (0.00086)	ND (0.0011)	ND (0.0012)	ND (0.0014)	ND (0.001)	ND (0.0013)	ND (0.0011)
1,3,5-Trimethylbenzene	190	-	-	ND (0.0008)	ND (0.00098)	ND (0.0012)	ND (0.00097)	ND (0.001)	ND (0.00089)	ND (0.001)	-	-	ND (0.00086)	ND (0.0011)	ND (0.0012)	ND (0.0014)	ND (0.001)	ND (0.0013)	ND (0.0011)
1,3-Dichlorobenzene	280	-	-	ND (0.0008)	ND (0.00098)	ND (0.0012)	ND (0.00097)	ND (0.001)	ND (0.00089)	ND (0.001)	-	-	ND (0.00086)	ND (0.0011)	ND (0.0012)	ND (0.0014)	ND (0.001)	ND (0.0013)	ND (0.0011)
1,4-Dichlorobenzene	130	-	-	ND (0.0008)	ND (0.00098)	ND (0.0012)	ND (0.00097)	ND (0.001)	ND (0.00089)	ND (0.001)	-	-	ND (0.00086)	ND (0.0011)	ND (0.0012)	ND (0.0014)	ND (0.001)	ND (0.0013)	ND (0.0011)
2-Butanone (Methyl Ethyl Ketone)	500	-	-	ND (0.004)	ND (0.0049)	ND (0.0058)	ND (0.0048)	ND (0.005)	ND (0.0044)	ND (0.005)	-	-	ND (0.0043)	ND (0.0055)	ND (0.006)	ND (0.007)	ND (0.0052)	ND (0.0067)	ND (0.0055)
2-Hexanone (Methyl Butyl Ketone)	NA	-	-	ND (0.004)	ND (0.0049)	ND (0.0058)	ND (0.0048)	ND (0.005)	ND (0.0044)	ND (0.005)	-	-	ND (0.0043)	ND (0.0055)	ND (0.006)	ND (0.007)	ND (0.0052)	ND (0.0067)	ND (0.0055)
2-Phenylbutane (sec-Butylbenzene)	500	-	-	ND (0.0008)	ND (0.00098)	ND (0.0012)	ND (0.00097)	ND (0.001)	ND (0.00089)	ND (0.001)	-	-	ND (0.00086)	ND (0.0011)	ND (0.0012)	ND (0.0014)	ND (0.001)	ND (0.0013)	ND (0.0011)
4-Methyl-2-Pentanone (Methyl Isobutyl Ketone)	NA	-	-	ND (0.004)	ND (0.0049)	ND (0.0058)	ND (0.0048)	ND (0.005)	ND (0.0044)	ND (0.005)	-	-	ND (0.0043)	ND (0.0055)	ND (0.006)	ND (0.007)	ND (0.0052)	ND (0.0067)	ND (0.0055)
Acetone	500	-	-	0.11	0.086	0.19	0.12	0.017	ND (0.0053)	0.12	-	-	0.037	0.09	0.055	0.18	0.075	0.047	0.087
Benzene	44	-	-	ND (0.0008)	ND (0.00098)	ND (0.0012)	ND (0.00097)	ND (0.001)	ND (0.00089)	ND (0.001)	-	-	ND (0.00086)	ND (0.0011)	ND (0.0012)	ND (0.0014)	ND (0.001)	ND (0.0013)	ND (0.0011)
Bromodichloromethane	NA	-	-	ND (0.0008)	ND (0.00098)	ND (0.0012)	ND (0.00097)	ND (0.001)	ND (0.00089)	ND (0.001)	-	-	ND (0.00086)	ND (0.0011)	ND (0.0012)	ND (0.0014)	ND (0.001)	ND (0.0013)	ND (0.0011)
Bromoform	NA	-	-	ND (0.0008)	ND (0.00098)	ND (0.0012)	ND (0.00097)	ND (0.001)	ND (0.00089)	ND (0.001)	-	-	ND (0.00086)	ND (0.0011)	ND (0.0012)	ND (0.0014)	ND (0.001)	ND (0.0013)	ND (0.0011)
Bromomethane (Methyl Bromide)	NA	-	-	ND (0.0016) *	ND (0.002) *	ND (0.0023) *	ND (0.0019) *	ND (0.002) *	ND (0.0018) *	ND (0.002) *	-	-	ND (0.0017) *	ND (0.0022) *	ND (0.0024) *	ND (0.0028) *	ND (0.0021) *	ND (0.0027) *	ND (0.0022) *
Carbon disulfide	NA	-	-	ND (0.0008)	ND (0.00098)	ND (0.0012)	ND (0.00097)	ND (0.001)	ND (0.00089)	ND (0.001)	-	-	ND (0.00086)	ND (0.0011)	ND (0.0012)	ND (0.0014)	ND (0.001)	ND (0.0013)	ND (0.0011)
Carbon tetrachloride	22	-	-	ND (0.0008)	ND (0.00098)	ND (0.0012)	ND (0.00097)	ND (0.001)	ND (0.00089)	ND (0.001)	-	-	ND (0.00086)	ND (0.0011)	ND (0.0012)	ND (0.0014)	ND (0.001)	ND (0.0013)	ND (0.0011)
Chlorobenzene	500	-	-	ND (0.0008)	ND (0.00098)	ND (0.0012)	ND (0.00097)	ND (0.001)	ND (0.00089)	ND (0.001)	-	-	ND (0.00086)	ND (0.0011)	ND (0.0012)	ND (0.0014)	ND (0.001)	ND (0.0013)	ND (0.0011)
Chlorobromomethane	NA	-	-	ND (0.0008)	ND (0.00098)	ND (0.0012)	ND (0.00097)	ND (0.001)	ND (0.00089)	ND (0.001)	-	-	ND (0.00086)	ND (0.0011)	ND (0.0012)	ND (0.0014)	ND (0.001)	ND (0.0013)	ND (0.0011)
Chloroethane	NA	-	-	ND (0.0008)	ND (0.00098)	ND (0.0012)	ND (0.00097)	ND (0.001)	ND (0.00089)	ND (0.001)	-	-	ND (0.00086)	ND (0.0011)	ND (0.0012)	ND (0.0014)	ND (0.001)	ND (0.0013)	ND (0.0011)
Chloroform (Trichloromethane)	350	-	-	ND (0.0008)	ND (0.00098)	ND (0.0012)	ND (0.00097)	ND (0.001)	ND (0.00089)	ND (0.001)	-	-	ND (0.00086)	ND (0.0011)	ND (0.0012)	ND (0.0014)	ND (0.001)	ND (0.0013)	ND (0.0011)
Chloromethane (Methyl Chloride)	NA	-	-	ND (0.0008)	ND (0.00098)	ND (0.0012)	ND (0.00097)	ND (0.001)	ND (0.00089)	ND (0.001)	-	-	ND (0.00086)	ND (0.0011)	ND (0.0012)	ND (0.0014)	ND (0.001)	ND (0.0013)	ND (0.0011)
cis-1,2-Dichloroethene	500	-	-	ND (0.0008)	ND (0.00098)	ND (0.0012)	ND (0.00097)	ND (0.001)	ND (0.00089)	ND (0.001)	-	-	ND (0.00086)	ND (0.0011)	ND (0.0012)	ND (0.0014)	ND (0.001)	ND (0.0013)	ND (0.0011)
cis-1,3-Dichloropropene	NA	-	-	ND (0.0008)	ND (0.00098)	ND (0.0012)	ND (0.00097)	ND (0.001)	ND (0.00089)	ND (0.001)	-	-	ND (0.00086)	ND (0.0011)	ND (0.0012)	ND (0.0014)	ND (0.001)	ND (0.0013)	ND (0.0011)
Cyclohexane	NA	-	-	ND (0.0008)	ND (0.00098)	ND (0.0012)	ND (0.00097)	ND (0.001)	ND (0.00089)	ND (0.001)	-	-	ND (0.00086)	ND (0.0011)	ND (0.0012)	ND (0.0014)	ND (0.001)	ND (0.0013)	ND (0.0011)
Dibromochloromethane	NA	-	-	ND (0.0008)	ND (0.00098)	ND (0.0012)	ND (0.00097)	ND (0.001)	ND (0.00089)	ND (0.001)	-	-	ND (0.00086)	ND (0.0011)	ND (0.0012)	ND (0.0014)	ND (0.001)	ND (0.0013)	ND (0.0011)
Dichlorodifluoromethane (CFC-12)	NA	-	-	ND (0.0008)	ND (0.00098)	ND (0.0012)	ND (0.00097)	ND (0.001)	ND (0.00089)	ND (0.001)	-	-	ND (0.00086)	ND (0.0011)	ND (0.0012)	ND (0.0014)	ND (0.001)	ND (0.0013)	ND (0.0011)
Ethylbenzene	390	-	-	ND (0.0008)	ND (0.00098)	ND (0.0012)	ND (0.00097)	ND (0.001)	ND (0.00089)	ND (0.001)	-	-	ND (0.00086)	ND (0.0011)	ND (0.0012)	ND (0.0014)	ND (0.001)	ND (0.0013)	ND (0.0011)
Isopropylbenzene (Cumene)	NA	-	-	ND (0.0008)	ND (0.00098)	ND (0.0012)	ND (0.00097)	ND (0.001)	ND (0.00089)	ND (0.001)	-	-	ND (0.00086)	ND (0.0011)	ND (0.0012)	ND (0.0014)	ND (0.001)	ND (0.0013)	ND (0.0011)
m,p-Xylenes	NA	-	-	ND (0.0008)	ND (0.00098)	ND (0.0012)	ND (0.00097)	ND (0.001)	ND (0.00089)	ND (0.001)	-	-	ND (0.00086)	ND (0.0011)	ND (0.0012)	ND (0.0014)	ND (0.001)	ND (0.0013)	ND (0.0011)
Methyl acetate	NA	-	-	ND (0.004)	ND (0.0049)	ND (0.0058)	ND (0.0048)	ND (0.005)	ND (0.0044)	ND (0.005)	-	-	ND (0.0043)	ND (0.0055)	ND (0.006)	ND (0.007)	ND (0.0052)	ND (0.0067)	ND (0.0055)
Methyl Tert Butyl Ether (MTBE)	500	-	-	ND (0.0008)	ND (0.00098)	ND (0.0012)	ND (0.00097)	ND (0.001)	ND (0.00089)	ND (0.001)	-	-	ND (0.00086)	ND (0.0011)	ND (0.0012)	ND (0.0014)	ND (0.001)	ND (0.0013)	ND (0.0011)
Methylcyclohexane	NA	-	-	ND (0.0008)	ND (0.00098)	ND (0.0012)	ND (0.00097)	ND (0.001)	ND (0.00089)	ND (0.001)	-	-	ND (0.00086)	ND (0.0011)	ND (0.0012)	ND (0.0014)	ND (0.001)	ND (0.0013)	ND (0.0011)
Methylene chloride (Dichloromethane)	500	-	-	ND (0.0016)	ND (0.002)	ND (0.0023)	ND (0.0019)	ND (0.002)	ND (0.0018)	ND (0.002)	-	-	ND (0.0017)	ND (0.0022)	ND (0.0024)	0.0016 J	ND (0.0021)	ND (0.0027)	ND (0.0022)
n-Butylbenzene	500	-	-	ND (0.0008)	ND (0.00098)	ND (0.0012)	ND (0.00097)	ND (0.001)	ND (0.00089)	ND (0.001)	-	-	ND (0.00086)	ND (0.0011)	ND (0.0012)	ND (0.0014)	ND (0.001)	ND (0.0013)	ND (0.0011)
n-Propylbenzene	500	-	-	ND (0.0008)	ND (0.00098)	ND (0.0012)	ND (0.00097)	ND (0.001)	ND (0.00089)	ND (0.001)	-	-	ND (0.00086)	ND (0.0011)	ND (0.0012)	ND (0.0014)	ND (0.001)	ND (0.0013)	ND (0.0011)
o-Xylene	NA	-	-	ND (0.0008)	ND (0.00098)	ND (0.0012)	ND (0.00097)	ND (0.001)	ND (0.00089)	ND (0.001)	-	-	ND (0.00086)	ND (0.0011)	ND (0.0012)	ND (0.0014)	ND (0.001)	ND (0.0013)	ND (0.0011)
Styrene	NA	-	-	ND (0.0008)	ND (0.00098)	ND (0.0012)	ND (0.00097)	ND (0.001)	ND (0.00089)	ND (0.001)	-	-	ND (0.00086)	ND (0.0011)	ND (0.0012)	ND (0.0014)	ND (0.001)	ND (0.0013)	ND (0.0011)
tert-Butylbenzene	500	-	-	ND (0.0008)	ND (0.00098)	ND (0.0012)	ND (0.00097)	ND (0.001)	ND (0.00089)	ND (0.001)	-	-	ND (0.00086)	ND (0.0011)	ND (0.0012)	ND (0.0014)	ND (0.001)	ND (0.0013)	ND (0.0011)
Tetrachloroethene	150	-	-	ND (0.0008)	ND (0.00098)	ND (0.0012)	ND (0.00097)	ND (0.001)	ND (0.00089)	ND (0.001)	-	-	ND (0.00086)	ND (0.0011)	ND (0.0012)	ND (0.0014)	ND (0.001)	ND (0.0013)	ND (0.0011)
Toluene	500	-	-	ND (0.0008)	ND (0.00098)	ND (0.0012)	ND (0.00097)	ND (0.001)	ND (0.00089)	ND (0.001)	-	-	ND (0.00086)	ND (0.0011)	0.00062 J	0.00054 J	0.00042 J	0.00055 J	ND (0.0011)
trans-1,2-Dichloroethene	500	-	-	ND (0.0008)	ND (0.00098)	ND (0.0012)	ND (0.00097)	ND (0.001)	ND (0.00089)	ND (0.001)	-	-	ND (0.00086)	ND (0.0011)	ND (0.0012)	ND (0.0014)	ND (0.001)	ND (0.0013)	ND (0.0011)
trans-1,3-Dichloropropene	NA	-	-	ND (0.0008)	ND (0.00098)	ND (0.0012)	ND (0.00097)	ND (0.001)	ND (0.00089)	ND (0.001)	-	-	ND (0.00086)	ND (0.0011)	ND (0.0012)	ND (0.0014)	ND (0.001)	ND (0.0013)	ND (0.0011)
Trichloroethene	200	-	-	ND (0.0008)	ND (0.00098)	ND (0.0012)	ND (0.00097)	ND (0.001)	ND (0.00089)	ND (0.001)	-	-	ND (0.00086)	ND (0.0011)	ND (0.0012)	ND (0.0014)	ND (0.001)	ND (0.0013)	ND (0.0011)
Trichlorofluoromethane (CFC-11)	NA	-	-	ND (0.0008)	ND (0.00098)	ND (0.0012)	ND (0.00097)	ND (0.001)	ND (0.00089)	ND (0.001)	-	-	ND (0.00086)	ND (0.0011)	ND (0.0012)	ND (0.0014)	ND (0.001)	ND (0.0013)	ND (0.0011)
Trifluorotrichloroethane (Freon 113)	NA	-	-	ND (0.0008)	ND (0.00098)	ND (0.0012)	ND (0.00097)	ND (0.001)	ND (0.00089)	ND (0.001)	-	-	ND (0.00086)	ND (0.0011)	ND (0.0012)	ND (0.0014)	ND (0.001)	ND (0.0013)	ND (0.0011)
Vinyl chloride	13	-	-	ND (0.0008)	ND (0.00098)	ND (0.0012)	ND (0.00097)	ND (0.001)	ND (0.00089)	ND (0.001)	-	-	ND (0.00086)	ND (0.0011)	ND (0.0012)	ND (0.0014)	ND (0.001)	ND (0.0013)	ND (0.0011)
Xylene (Total)	500	-	-	ND (0.0016)	ND (0.002)	ND (0.0023)	ND (0.0019)	ND (0.002)	ND (0.0018)	ND (0.002)	-	-	ND (0.0017)	ND (0.0022)	ND (0.0024)	ND (0.0028)	ND (0.0021)	ND (0.0027)	ND (0.0022)

TABLE 13
SUMMARY OF SOIL QUALITY DATA - BERM 48
FORMER PORT MOBIL TERMINAL
STATEN ISLAND, NEW YORK
FILE NO. 0208998

	Criteria																		
Location Name	NY Part 375	48A	48A	48A1	48A1	48A1	48A2	48A2	48A3	48A3	48B	48B	48B1	48B1	48B2	48B2	48B2	48B3	48B3
Sample Name	Commercial	48A_0-3	48A_3-6	48A1_0-1	48A1_4-5	48A1_5-6	48A2_3-4	48A2_5-6	48A3_1-2	48A3_2-3	48B_0-3	48B_3-6	48B1_0-1	48B1_3-4	48B2_1-2	48B2_4-5	48B2_5-6	48B3_2-3	48B3_5-6
Sample Date	Use	10/06/2025	10/06/2025	10/06/2025	10/06/2025	10/06/2025	10/06/2025	10/06/2025	10/06/2025	10/06/2025	10/06/2025	10/06/2025	10/06/2025	10/06/2025	10/06/2025	10/06/2025	10/06/2025	10/06/2025	10/06/2025
Lab Sample ID	Soil Cleanup	460-336556-1	460-336556-2	460-336556-13	460-336556-16	460-336556-19	460-336556-14	460-336556-17	460-336556-15	460-336556-18	460-336556-3	460-336556-4	460-336556-20	460-336556-23	460-336556-21	460-336556-24	460-336556-26	460-336556-22	460-336556-25
Sample Depth (bgs)	Objectives	0 - 3 (ft)	3 - 6 (ft)	0 - 1 (ft)	4 - 5 (ft)	5 - 6 (ft)	3 - 4 (ft)	5 - 6 (ft)	1 - 2 (ft)	2 - 3 (ft)	0 - 3 (ft)	3 - 6 (ft)	0 - 1 (ft)	3 - 4 (ft)	1 - 2 (ft)	4 - 5 (ft)	5 - 6 (ft)	2 - 3 (ft)	5 - 6 (ft)
Semi-Volatile Organic Compounds (mg/kg)																			
1,2,4,5-Tetrachlorobenzene	NA	ND (0.34)	ND (0.35)	-	-	-	-	-	-	-	ND (0.34)	ND (0.36)	-	-	-	-	-	-	-
1,4-Dioxane	130	ND (0.034)	ND (0.035)	-	-	-	-	-	-	-	ND (0.034)	ND (0.036)	-	-	-	-	-	-	-
2,2'-oxybis(1-Chloropropane)	NA	ND (0.34)	ND (0.35)	-	-	-	-	-	-	-	ND (0.34)	ND (0.36)	-	-	-	-	-	-	-
2,3,4,6-Tetrachlorophenol	NA	ND (0.34)	ND (0.35)	-	-	-	-	-	-	-	ND (0.34)	ND (0.36)	-	-	-	-	-	-	-
2,4,5-Trichlorophenol	NA	ND (0.34)	ND (0.35)	-	-	-	-	-	-	-	ND (0.34)	ND (0.36)	-	-	-	-	-	-	-
2,4,6-Trichlorophenol	NA	ND (0.14)	ND (0.14)	-	-	-	-	-	-	-	ND (0.14)	ND (0.15)	-	-	-	-	-	-	-
2,4-Dichlorophenol	NA	ND (0.14)	ND (0.14)	-	-	-	-	-	-	-	ND (0.14)	ND (0.15)	-	-	-	-	-	-	-
2,4-Dimethylphenol	NA	ND (0.34)	ND (0.35)	-	-	-	-	-	-	-	ND (0.34)	ND (0.36)	-	-	-	-	-	-	-
2,4-Dinitrophenol	NA	ND (0.28)	ND (0.28)	-	-	-	-	-	-	-	ND (0.28)	ND (0.29)	-	-	-	-	-	-	-
2,4-Dinitrotoluene	NA	ND (0.069)	ND (0.07)	-	-	-	-	-	-	-	ND (0.07)	ND (0.073)	-	-	-	-	-	-	-
2,6-Dinitrotoluene	NA	ND (0.069)	ND (0.07)	-	-	-	-	-	-	-	ND (0.07)	ND (0.073)	-	-	-	-	-	-	-
2-Chloronaphthalene	NA	ND (0.34)	ND (0.35)	-	-	-	-	-	-	-	ND (0.34)	ND (0.36)	-	-	-	-	-	-	-
2-Chlorophenol	NA	ND (0.34)	ND (0.35)	-	-	-	-	-	-	-	ND (0.34)	ND (0.36)	-	-	-	-	-	-	-
2-Methylnaphthalene	NA	0.014 J	ND (0.35)	-	-	-	-	-	-	-	0.021 J	ND (0.36)	-	-	-	-	-	-	-
2-Methylphenol (o-Cresol)	500	ND (0.34)	ND (0.35)	-	-	-	-	-	-	-	ND (0.34)	ND (0.36)	-	-	-	-	-	-	-
2-Nitroaniline	NA	ND (0.34)	ND (0.35)	-	-	-	-	-	-	-	ND (0.34)	ND (0.36)	-	-	-	-	-	-	-
2-Nitrophenol	NA	ND (0.34)	ND (0.35)	-	-	-	-	-	-	-	ND (0.34)	ND (0.36)	-	-	-	-	-	-	-
3&4-Methylphenol	NA	ND (0.34)	ND (0.35)	-	-	-	-	-	-	-	ND (0.34)	ND (0.36)	-	-	-	-	-	-	-
3,3'-Dichlorobenzidine	NA	ND (0.14)	ND (0.14)	-	-	-	-	-	-	-	ND (0.14)	ND (0.15)	-	-	-	-	-	-	-
3-Nitroaniline	NA	ND (0.34)	ND (0.35)	-	-	-	-	-	-	-	ND (0.34)	ND (0.36)	-	-	-	-	-	-	-
4,6-Dinitro-2-methylphenol	NA	ND (0.28)	ND (0.28)	-	-	-	-	-	-	-	ND (0.28)	ND (0.29)	-	-	-	-	-	-	-
4-Bromophenyl phenyl ether (BDE-3)	NA	ND (0.34)	ND (0.35)	-	-	-	-	-	-	-	ND (0.34)	ND (0.36)	-	-	-	-	-	-	-
4-Chloro-3-methylphenol	NA	ND (0.34)	ND (0.35)	-	-	-	-	-	-	-	ND (0.34)	ND (0.36)	-	-	-	-	-	-	-
4-Chloroaniline	NA	ND (0.34)	ND (0.35)	-	-	-	-	-	-	-	ND (0.34)	ND (0.36)	-	-	-	-	-	-	-
4-Chlorophenyl phenyl ether	NA	ND (0.34)	ND (0.35)	-	-	-	-	-	-	-	ND (0.34)	ND (0.36)	-	-	-	-	-	-	-
4-Methylphenol	500	ND (0.34)	ND (0.35)	-	-	-	-	-	-	-	ND (0.34)	ND (0.36)	-	-	-	-	-	-	-
4-Nitroaniline	NA	ND (0.34)	ND (0.35)	-	-	-	-	-	-	-	ND (0.34)	ND (0.36)	-	-	-	-	-	-	-
4-Nitrophenol	NA	ND (0.69)	ND (0.7)	-	-	-	-	-	-	-	ND (0.7)	ND (0.73)	-	-	-	-	-	-	-
Acenaphthene	500	0.026 J	ND (0.35)	-	-	-	-	-	-	-	0.04 J	ND (0.36)	-	-	-	-	-	-	-
Acenaphthylene	500	0.16 J	0.052 J	-	-	-	-	-	-	-	0.15 J	0.016 J	-	-	-	-	-	-	-
Acetophenone	NA	ND (0.34)	ND (0.35)	-	-	-	-	-	-	-	ND (0.34)	ND (0.36)	-	-	-	-	-	-	-
Anthracene	500	0.28 J	0.059 J	-	-	-	-	-	-	-	1.6	0.031 J	-	-	-	-	-	-	-
Atrazine	NA	ND (0.14)	ND (0.14)	-	-	-	-	-	-	-	ND (0.14)	ND (0.15)	-	-	-	-	-	-	-
Benzaldehyde	NA	ND (0.34)	ND (0.35)	-	-	-	-	-	-	-	ND (0.34)	ND (0.36)	-	-	-	-	-	-	-
Benzo(a)anthracene	5.6	0.19	0.061	-	-	-	-	-	-	-	0.29	0.03 J	-	-	-	-	-	-	-
Benzo(a)pyrene	1	0.23	0.07	-	-	-	-	-	-	-	0.36	0.031 J	-	-	-	-	-	-	-
Benzo(b)fluoranthene	5.6	0.28	0.086	-	-	-	-	-	-	-	0.41	0.034 J	-	-	-	-	-	-	-
Benzo(g,h,i)perylene	500	0.26 J	0.087 J	-	-	-	-	-	-	-	0.33 J	0.031 J	-	-	-	-	-	-	-
Benzo(k)fluoranthene	56	0.1	0.031 J	-	-	-	-	-	-	-	0.14	0.013 J	-	-	-	-	-	-	-
Biphenyl	NA	ND (0.34)	ND (0.35)	-	-	-	-	-	-	-	ND (0.34)	ND (0.36)	-	-	-	-	-	-	-
bis(2-Chloroethoxy)methane	NA	ND (0.34)	ND (0.35)	-	-	-	-	-	-	-	ND (0.34)	ND (0.36)	-	-	-	-	-	-	-
bis(2-Chloroethyl)ether	NA	ND (0.034)	ND (0.035)	-	-	-	-	-	-	-	ND (0.034)	ND (0.036)	-	-	-	-	-	-	-
bis(2-Ethylhexyl)phthalate	NA	ND (0.34)	ND (0.35)	-	-	-	-	-	-	-	ND (0.34)	ND (0.36)	-	-	-	-	-	-	-
Butyl benzylphthalate (BBP)	NA	ND (0.34)	ND (0.35)	-	-	-	-	-	-	-	ND (0.34)	ND (0.36)	-	-	-	-	-	-	-
Caprolactam	NA	ND (0.34)	ND (0.35)	-	-	-	-	-	-	-	ND (0.34)	ND (0.36)	-	-	-	-	-	-	-
Carbazole	NA	0.1 J	0.018 J	-	-	-	-	-	-	-	0.53	ND (0.36)	-	-	-	-	-	-	-
Chrysene	56	0.21 J	0.065 J	-	-	-	-	-	-	-	0.34	0.028 J	-	-	-	-	-	-	-
Dibenz(a,h)anthracene	0.56	0.035	ND (0.035)	-	-	-	-	-	-	-	0.063	ND (0.036)	-	-	-	-	-	-	-
Dibenzofuran	350	0.025 J	ND (0.35)	-	-	-	-	-	-	-	0.051 J	ND (0.36)	-	-	-	-	-	-	-
Diethyl phthalate	NA	ND (0.34)	ND (0.35)	-	-	-	-	-	-	-	ND (0.34)	ND (0.36)	-	-	-	-	-	-	-
Dimethyl phthalate	NA	ND (0.34)	ND (0.35)	-	-	-	-	-	-	-	ND (0.34)	ND (0.36)	-	-	-	-	-	-	-
Di-n-butylphthalate (DBP)	NA	ND (0.34)	ND (0.35)	-	-	-	-	-	-	-	ND (0.34)	ND (0.36)	-	-	-	-	-	-	-
Di-n-octyl phthalate (DnOP)	NA	ND (0.34)	ND (0.35)	-	-	-	-	-	-	-	ND (0.34)	ND (0.36)	-	-	-	-	-	-	-
Fluoranthene	500	0.46	0.12 J	-	-	-	-	-	-	-	0.65	0.055 J	-	-	-	-	-	-	-
Fluorene	500	0.046 J	ND (0.35)	-	-	-	-	-	-	-	0.13 J	ND (0.36)	-	-	-	-	-	-	-
Hexachlorobenzene	6	ND (0.034)	ND (0.035)	-	-	-	-	-	-	-	ND (0.034)	ND (0.036)	-	-	-	-	-	-	-
Hexachlorobutadiene	NA	ND (0.069)	ND (0.07)	-	-	-	-	-	-	-	ND (0.07)	ND (0.073)	-	-	-	-	-	-	-
Hexachlorocyclopentadiene	NA	ND (0.34)	ND (0.35)	-	-	-	-	-	-	-	ND (0.34)	ND (0.36)	-	-	-	-	-	-	-
Hexachloroethane	NA	ND (0.034)	ND (0.035)	-	-	-	-	-	-	-	ND (0.034)	ND (0.036)	-	-	-	-	-	-	-
Indeno(1,2,3-cd)pyrene	5.6	0.2	0.059	-	-	-	-	-	-	-	0.29	0.025 J	-	-	-	-	-	-	-
Isophorone	NA	ND (0.14)	ND (0.14)	-	-	-	-	-	-	-	ND (0.14)	ND (0.15)	-	-	-	-	-	-	-
Naphthalene	500	0.036 J	0.01 J	-	-	-	-	-	-	-	0.066 J	ND (0.36)	-	-	-	-	-	-	-
Nitrobenzene	NA	ND (0.034)	ND (0.035)	-	-	-	-	-	-	-	ND (0.034)	ND (0.036)	-	-	-	-	-	-	-
N-Nitrosodi-n-propylamine	NA	ND (0.034)	ND (0.035)	-	-	-	-	-	-	-	ND (0.034)	ND (0.036)	-	-	-	-	-	-	-
N-Nitrosodiphenylamine	NA	ND (0.34)	ND (0.35)	-	-	-	-	-	-	-	ND (0.34)	ND (0.36)	-	-	-	-	-	-	-
Pentachlorophenol	6.7	ND (0.28)	ND (0.28)	-	-	-	-	-	-	-	ND (0.28)	ND (0.29)	-	-	-	-	-	-	-
Phenanthrene	500	0.38	0.086 J	-	-	-	-	-	-	-	0.65	0.042 J	-	-	-	-	-	-	-
Phenol	500	ND (0.34)	ND (0.35)	-	-	-	-	-	-	-	ND (0.34)	ND (0.36)	-	-	-	-	-	-	-
Pyrene	500	0.35	0.097 J	-	-	-	-	-	-	-	0.52	0.046 J	-	-	-	-	-	-	-

TABLE 13
SUMMARY OF SOIL QUALITY DATA - BERM 48
FORMER PORT MOBIL TERMINAL
STATEN ISLAND, NEW YORK
FILE NO. 0208998

	Criteria																		
Location Name	NY Part 375	48A	48A	48A1	48A1	48A1	48A2	48A2	48A3	48A3	48B	48B	48B1	48B1	48B2	48B2	48B2	48B3	48B3
Sample Name	Commercial	48A_0-3	48A_3-6	48A1_0-1	48A1_4-5	48A1_5-6	48A2_3-4	48A2_5-6	48A3_1-2	48A3_2-3	48B_0-3	48B_3-6	48B1_0-1	48B1_3-4	48B2_1-2	48B2_4-5	48B2_5-6	48B3_2-3	48B3_5-6
Sample Date	Use	10/06/2025	10/06/2025	10/06/2025	10/06/2025	10/06/2025	10/06/2025	10/06/2025	10/06/2025	10/06/2025	10/06/2025	10/06/2025	10/06/2025	10/06/2025	10/06/2025	10/06/2025	10/06/2025	10/06/2025	10/06/2025
Lab Sample ID	Soil Cleanup	460-336556-1	460-336556-2	460-336556-13	460-336556-16	460-336556-19	460-336556-14	460-336556-17	460-336556-15	460-336556-18	460-336556-3	460-336556-4	460-336556-20	460-336556-23	460-336556-21	460-336556-24	460-336556-26	460-336556-22	460-336556-25
Sample Depth (bgs)	Objectives	0 - 3 (ft)	3 - 6 (ft)	0 - 1 (ft)	4 - 5 (ft)	5 - 6 (ft)	3 - 4 (ft)	5 - 6 (ft)	1 - 2 (ft)	2 - 3 (ft)	0 - 3 (ft)	3 - 6 (ft)	0 - 1 (ft)	3 - 4 (ft)	1 - 2 (ft)	4 - 5 (ft)	5 - 6 (ft)	2 - 3 (ft)	5 - 6 (ft)
PFAS (mg/kg)																			
11-Chloroeicosafluoro-3-Oxaundecane-1-Sulfonic Acid (11Cl-PF3OUdS)	NA	ND (0.00019)	ND (0.0002)	-	-	-	-	-	-	-	ND (0.0002)	ND (0.0002)	-	-	-	-	-	-	-
2H,2H,3H,3H-Perfluorooctanoic acid (5:3 FTCA)	NA	ND (0.00097)	ND (0.00098)	-	-	-	-	-	-	-	ND (0.00098)	ND (0.00098)	-	-	-	-	-	-	-
3-(Perfluoroheptyl)propanoic acid (7:3 FTCA)	NA	ND (0.00097)	ND (0.00098)	-	-	-	-	-	-	-	ND (0.00098)	ND (0.00098)	-	-	-	-	-	-	-
3:3 Fluorotelomer carboxylic acid (3:3 FTCA)	NA	ND (0.00039)	ND (0.00039)	-	-	-	-	-	-	-	ND (0.00039)	ND (0.00039)	-	-	-	-	-	-	-
4,8-Dioxa-3H-Perfluorononanoic Acid (ADONA)	NA	ND (0.00019)	ND (0.0002)	-	-	-	-	-	-	-	ND (0.0002)	ND (0.0002)	-	-	-	-	-	-	-
4:2 Fluorotelomer sulfonic acid (4:2 FTS)	NA	ND (0.00039)	ND (0.00039)	-	-	-	-	-	-	-	ND (0.00039)	ND (0.00039)	-	-	-	-	-	-	-
6:2 Fluorotelomer sulfonic acid (6:2 FTS)	NA	ND (0.00039)	ND (0.00039)	-	-	-	-	-	-	-	0.00027 J	0.00022 J	-	-	-	-	-	-	-
8:2 Fluorotelomer sulfonic acid (8:2 FTS)	NA	0.00035 J	0.00041	-	-	-	-	-	-	-	0.00109	0.00073	-	-	-	-	-	-	-
9-Chlorohexadecafluoro-3-Oxanone-1-Sulfonic Acid (9Cl-PF3ONS)	NA	ND (0.00019)	ND (0.0002)	-	-	-	-	-	-	-	ND (0.0002)	ND (0.0002)	-	-	-	-	-	-	-
N-Ethyl Perfluorooctanesulfonamidoacetic Acid (NEtFOSAA)	NA	ND (0.00019)	ND (0.0002)	-	-	-	-	-	-	-	ND (0.0002)	ND (0.0002)	-	-	-	-	-	-	-
N-Ethylperfluorooctane sulfonamide (N-EtFOSA)	NA	ND (0.00019)	ND (0.0002)	-	-	-	-	-	-	-	ND (0.0002)	ND (0.0002)	-	-	-	-	-	-	-
N-Ethylperfluorooctane sulfonamidoethanol (N-EtFOSE)	NA	ND (0.00097)	ND (0.00098)	-	-	-	-	-	-	-	ND (0.00098)	ND (0.00098)	-	-	-	-	-	-	-
N-Methyl Perfluorooctanesulfonamidoacetic Acid (NMeFOSAA)	NA	ND (0.00019)	ND (0.0002)	-	-	-	-	-	-	-	ND (0.0002)	ND (0.0002)	-	-	-	-	-	-	-
N-Methylperfluorooctane sulfonamide (N-MeFOSA)	NA	ND (0.00019)	ND (0.0002)	-	-	-	-	-	-	-	ND (0.0002)	ND (0.0002)	-	-	-	-	-	-	-
N-Methylperfluorooctane sulfonamidoethanol (N-MeFOSE)	NA	ND (0.00097)	ND (0.00098)	-	-	-	-	-	-	-	ND (0.00098)	ND (0.00098)	-	-	-	-	-	-	-
Nonafluoro-3,6-dioxaheptanoic acid (NFDHA)	NA	ND (0.00019)	ND (0.0002)	-	-	-	-	-	-	-	ND (0.0002)	ND (0.0002)	-	-	-	-	-	-	-
Perfluoro(2-ethoxyethane) sulphonic acid (PFEESA)	NA	ND (0.00019)	ND (0.0002)	-	-	-	-	-	-	-	ND (0.0002)	ND (0.0002)	-	-	-	-	-	-	-
Perfluoro(4-methoxybutanoic) acid (PFMBA)	NA	ND (0.00019)	ND (0.0002)	-	-	-	-	-	-	-	ND (0.0002)	ND (0.0002)	-	-	-	-	-	-	-
Perfluoro-2-propoxypropanoic acid (PFPrOPrA)(GenX) (HFPO-DA)	NA	ND (0.00019)	ND (0.0002)	-	-	-	-	-	-	-	ND (0.0002)	ND (0.0002)	-	-	-	-	-	-	-
Perfluoro-3-methoxypropanoic acid (PFMPA)	NA	ND (0.00019)	ND (0.0002)	-	-	-	-	-	-	-	ND (0.0002)	ND (0.0002)	-	-	-	-	-	-	-
Perfluorobutanesulfonic acid (PFBS)	NA	ND (0.00019)	ND (0.0002)	-	-	-	-	-	-	-	ND (0.0002)	ND (0.0002)	-	-	-	-	-	-	-
Perfluorobutanoic acid (PFBA)	NA	ND (0.00039)	ND (0.00039)	-	-	-	-	-	-	-	ND (0.00039)	ND (0.00039)	-	-	-	-	-	-	-
Perfluorodecanesulfonic acid (PFDS)	NA	ND (0.00019)	ND (0.0002)	-	-	-	-	-	-	-	ND (0.0002)	ND (0.0002)	-	-	-	-	-	-	-
Perfluorodecanoic acid (PFDA)	NA	0.00168	0.00092	-	-	-	-	-	-	-	0.00305	0.0004	-	-	-	-	-	-	-
Perfluorododecane sulfonic acid (PFDoDS)	NA	ND (0.00019)	ND (0.0002)	-	-	-	-	-	-	-	ND (0.0002)	ND (0.0002)	-	-	-	-	-	-	-
Perfluorododecanoic acid (PFDoDA)	NA	0.00089	0.00111	-	-	-	-	-	-	-	0.00208	0.00151	-	-	-	-	-	-	-
Perfluoroheptanesulfonic acid (PFHpS)	NA	ND (0.00019)	ND (0.0002)	-	-	-	-	-	-	-	ND (0.0002)	ND (0.0002)	-	-	-	-	-	-	-
Perfluoroheptanoic acid (PFHpA)	NA	0.00042	0.00022	-	-	-	-	-	-	-	0.0002	ND (0.0002)	-	-	-	-	-	-	-
Perfluorohexanesulfonic acid (PFHxS)	NA	0.00013 J	0.00014 J	-	-	-	-	-	-	-	ND (0.0002)	ND (0.0002)	-	-	-	-	-	-	-
Perfluorohexanoic acid (PFHxA)	NA	0.00023	0.0002	-	-	-	-	-	-	-	0.00013 J	ND (0.0002)	-	-	-	-	-	-	-
Perfluorononane sulfonic acid (PFNS)	NA	ND (0.00019)	ND (0.0002)	-	-	-	-	-	-	-	ND (0.0002)	ND (0.0002)	-	-	-	-	-	-	-
Perfluorononanoic acid (PFNA)	NA	0.00114	0.00051	-	-	-	-	-	-	-	0.00112	0.00023	-	-	-	-	-	-	-
Perfluorooctane sulfonamide (PFOSA)	NA	ND (0.00019)	ND (0.0002)	-	-	-	-	-	-	-	ND (0.0002)	ND (0.0002)	-	-	-	-	-	-	-
Perfluorooctanesulfonic acid (PFOS)	0.44	0.00037	0.00051	-	-	-	-	-	-	-	0.00047	0.00023	-	-	-	-	-	-	-
Perfluorooctanoic acid (PFOA)	0.5	0.00048	0.0002	-	-	-	-	-	-	-	0.00027	0.0001 J	-	-	-	-	-	-	-
Perfluoropentanesulfonic acid (PFPeS)	NA	ND (0.00019)	ND (0.0002)	-	-	-	-	-	-	-	ND (0.0002)	ND (0.0002)	-	-	-	-	-	-	-
Perfluoropentanoic acid (PFPeA)	NA	0.00033	0.00023	-	-	-	-	-	-	-	0.00017 J	0.00012 J	-	-	-	-	-	-	-
Perfluorotetradecanoic acid (PFTeDA)	NA	0.00018 J	0.00019 J	-	-	-	-	-	-	-	0.00046	0.0004	-	-	-	-	-	-	-
Perfluorotridecanoic acid (PFTrDA)	NA	0.00319	0.00307	-	-	-	-	-	-	-	0.00578	0.00522	-	-	-	-	-	-	-
Perfluoroundecanoic acid (PFUnDA)	NA	0.00527	0.00664	-	-	-	-	-	-	-	0.00703	0.00182	-	-	-	-	-	-	-
Pesticides (mg/kg)																			
4,4'-DDD	92	ND (0.007)	ND (0.0071)	-	-	-	-	-	-	-	ND (0.007)	ND (0.0074)	-	-	-	-	-	-	-
4,4'-DDE	62	ND (0.007)	ND (0.0071)	-	-	-	-	-	-	-	ND (0.007)	ND (0.0074)	-	-	-	-	-	-	-
4,4'-DDT	47	ND (0.007)	ND (0.0071)	-	-	-	-	-	-	-	ND (0.007)	ND (0.0074)	-	-	-	-	-	-	-
Aldrin	0.68	ND (0.007)	ND (0.0071)	-	-	-	-	-	-	-	ND (0.007)	ND (0.0074)	-	-	-	-	-	-	-
alpha-BHC	3.4	ND (0.0021)	ND (0.0021)	-	-	-	-	-	-	-	ND (0.0021)	ND (0.0022)	-	-	-	-	-	-	-
alpha-Chlordane (cis)	24	ND (0.007)	ND (0.0071)	-	-	-	-	-	-	-	ND (0.007)	ND (0.0074)	-	-	-	-	-	-	-
beta-BHC	3	ND (0.0021)	ND (0.0021)	-	-	-	-	-	-	-	ND (0.0021)	ND (0.0022)	-	-	-	-	-	-	-
Chlordane	NA	ND (0.07)	ND (0.071)	-	-	-	-	-	-	-	ND (0.07)	ND (0.074)	-	-	-	-	-	-	-
delta-BHC	500	ND (0.0021)	ND (0.0021)	-	-	-	-	-	-	-	ND (0.0021)	ND (0.0022)	-	-	-	-	-	-	-
Dieldrin	1.4	ND (0.0021)	ND (0.0021)	-	-	-	-	-	-	-	ND (0.0021)	ND (0.0022)	-	-	-	-	-	-	-
Endosulfan I	200	ND (0.007)	ND (0.0071)	-	-	-	-	-	-	-	ND (0.007)	ND (0.0074)	-	-	-	-	-	-	-
Endosulfan II	200	ND (0.007)	ND (0.0071)	-	-	-	-	-	-	-	ND (0.007)	ND (0.0074)	-	-	-	-	-	-	-
Endosulfan sulfate	200	ND (0.007)	ND (0.0071)	-	-	-	-	-	-	-	ND (0.007)	ND (0.0074)	-	-	-	-	-	-	-
Endrin	89	ND (0.007)	ND (0.0071)	-	-	-	-	-	-	-	ND (0.007)	ND (0.0074)	-	-	-	-	-	-	-
Endrin aldehyde	NA	ND (0.007)	ND (0.0071)	-	-	-	-	-	-	-	ND (0.007)	ND (0.0074)	-	-	-	-	-	-	-
Endrin ketone	NA	ND (0.007)	ND (0.0071)	-	-	-	-	-	-	-	ND (0.007)	ND (0.0074)	-	-	-	-	-	-	-
gamma-BHC (Lindane)	9.2	ND (0.0021)	ND (0.0021)	-	-	-	-	-	-	-	ND (0.0021)	ND (0.0022)	-	-	-	-	-	-	-
Heptachlor	15	ND (0.007)	ND (0.0071)	-	-	-	-	-	-	-	ND (0.007)	ND (0.0074)	-	-	-	-	-	-	-
Heptachlor epoxide	NA	ND (0.007)	ND (0.0071)	-	-	-	-	-	-	-	ND (0.007)	ND (0.0074)	-	-	-	-	-	-	-
Methoxychlor	NA	ND (0.007)	ND (0.0071)	-	-	-	-	-	-	-	ND (0.007)	ND (0.0074)	-	-	-	-	-	-	-
Toxaphene	NA	ND (0.07)	ND (0.071)	-	-	-	-	-	-	-	ND (0.07)	ND (0.074)	-	-	-	-	-	-	-

TABLE 13
SUMMARY OF SOIL QUALITY DATA - BERM 48
FORMER PORT MOBIL TERMINAL
STATEN ISLAND, NEW YORK
FILE NO. 0208998

	Criteria																		
Location Name	NY Part 375	48A	48A	48A1	48A1	48A1	48A2	48A2	48A3	48A3	48B	48B	48B1	48B1	48B2	48B2	48B2	48B3	48B3
Sample Name	Commercial	48A_0-3	48A_3-6	48A1_0-1	48A1_4-5	48A1_5-6	48A2_3-4	48A2_5-6	48A3_1-2	48A3_2-3	48B_0-3	48B_3-6	48B1_0-1	48B1_3-4	48B2_1-2	48B2_4-5	48B2_5-6	48B3_2-3	48B3_5-6
Sample Date	Use	10/06/2025	10/06/2025	10/06/2025	10/06/2025	10/06/2025	10/06/2025	10/06/2025	10/06/2025	10/06/2025	10/06/2025	10/06/2025	10/06/2025	10/06/2025	10/06/2025	10/06/2025	10/06/2025	10/06/2025	10/06/2025
Lab Sample ID	Soil Cleanup	460-336556-1	460-336556-2	460-336556-13	460-336556-16	460-336556-19	460-336556-14	460-336556-17	460-336556-15	460-336556-18	460-336556-3	460-336556-4	460-336556-20	460-336556-23	460-336556-21	460-336556-24	460-336556-26	460-336556-22	460-336556-25
Sample Depth (bgs)	Objectives	0 - 3 (ft)	3 - 6 (ft)	0 - 1 (ft)	4 - 5 (ft)	5 - 6 (ft)	3 - 4 (ft)	5 - 6 (ft)	1 - 2 (ft)	2 - 3 (ft)	0 - 3 (ft)	3 - 6 (ft)	0 - 1 (ft)	3 - 4 (ft)	1 - 2 (ft)	4 - 5 (ft)	5 - 6 (ft)	2 - 3 (ft)	5 - 6 (ft)
Polychlorinated Biphenyls (mg/kg)																			
Aroclor-1016 (PCB-1016)	NA	ND (0.07)	ND (0.071)	-	-	-	-	-	-	-	ND (0.07)	ND (0.074)	-	-	-	-	-	-	-
Aroclor-1221 (PCB-1221)	NA	ND (0.07)	ND (0.071)	-	-	-	-	-	-	-	ND (0.07)	ND (0.074)	-	-	-	-	-	-	-
Aroclor-1232 (PCB-1232)	NA	ND (0.07)	ND (0.071)	-	-	-	-	-	-	-	ND (0.07)	ND (0.074)	-	-	-	-	-	-	-
Aroclor-1242 (PCB-1242)	NA	ND (0.07)	ND (0.071)	-	-	-	-	-	-	-	ND (0.07)	ND (0.074)	-	-	-	-	-	-	-
Aroclor-1248 (PCB-1248)	NA	ND (0.07)	ND (0.071)	-	-	-	-	-	-	-	ND (0.07)	ND (0.074)	-	-	-	-	-	-	-
Aroclor-1254 (PCB-1254)	NA	ND (0.07)	ND (0.071)	-	-	-	-	-	-	-	ND (0.07)	ND (0.074)	-	-	-	-	-	-	-
Aroclor-1260 (PCB-1260)	NA	ND (0.07)	ND (0.071)	-	-	-	-	-	-	-	ND (0.07)	ND (0.074)	-	-	-	-	-	-	-
Aroclor-1262 (PCB-1262)	NA	ND (0.07)	ND (0.071)	-	-	-	-	-	-	-	ND (0.07)	ND (0.074)	-	-	-	-	-	-	-
Aroclor-1268 (PCB-1268)	NA	ND (0.07)	ND (0.071)	-	-	-	-	-	-	-	ND (0.07)	ND (0.074)	-	-	-	-	-	-	-
Total PCBs	1	ND (0.07)	ND (0.071)	-	-	-	-	-	-	-	ND (0.07)	ND (0.074)	-	-	-	-	-	-	-
Inorganic Compounds (mg/kg)																			
Aluminum	NA	5730	5000	-	-	-	-	-	-	-	6370	5990	-	-	-	-	-	-	-
Antimony	NA	1.8	2.3	-	-	-	-	-	-	-	1.8	1.8	-	-	-	-	-	-	-
Arsenic	16	7.1	7.6	-	-	-	-	-	-	-	7.3	7.5	-	-	-	-	-	-	-
Barium	400	33.3	33.5	-	-	-	-	-	-	-	52.9	46	-	-	-	-	-	-	-
Beryllium	590	0.49	0.47	-	-	-	-	-	-	-	0.59	0.54	-	-	-	-	-	-	-
Cadmium	9.3	0.34 J	0.35 J	-	-	-	-	-	-	-	0.43 J	0.43 J	-	-	-	-	-	-	-
Calcium	NA	882	982	-	-	-	-	-	-	-	16100	1410	-	-	-	-	-	-	-
Chromium	NA	15.5	14.5	-	-	-	-	-	-	-	16	16.1	-	-	-	-	-	-	-
Cobalt	NA	5.8	4.4	-	-	-	-	-	-	-	5.2	5.4	-	-	-	-	-	-	-
Copper	270	43	44.9	-	-	-	-	-	-	-	35.6	39.9	-	-	-	-	-	-	-
Iron	NA	19300	16900	-	-	-	-	-	-	-	20400	19100	-	-	-	-	-	-	-
Lead	1000	84.5	88.6	-	-	-	-	-	-	-	105	110	-	-	-	-	-	-	-
Magnesium	NA	1920	1340	-	-	-	-	-	-	-	9540	1500	-	-	-	-	-	-	-
Manganese	10000	131	111	-	-	-	-	-	-	-	136	125	-	-	-	-	-	-	-
Mercury	2.8	0.034	0.04	-	-	-	-	-	-	-	0.046	0.031	-	-	-	-	-	-	-
Nickel	310	13.9	11	-	-	-	-	-	-	-	13.8	13.2	-	-	-	-	-	-	-
Potassium	NA	1130	1140	-	-	-	-	-	-	-	1230	1240	-	-	-	-	-	-	-
Selenium	1500	0.31 J	0.32 J	-	-	-	-	-	-	-	0.3 J	0.26 J	-	-	-	-	-	-	-
Silver	1500	0.21 J	0.29 J	-	-	-	-	-	-	-	0.22 J	0.22 J	-	-	-	-	-	-	-
Sodium	NA	71.6 J	58.8 J	-	-	-	-	-	-	-	94.1	86.5	-	-	-	-	-	-	-
Thallium	NA	0.066 J	0.072 J	-	-	-	-	-	-	-	0.092 J	0.086 J	-	-	-	-	-	-	-
Vanadium	NA	21.8	23.6	-	-	-	-	-	-	-	26.3	23.9	-	-	-	-	-	-	-
Zinc	10000	93.6	79.9	-	-	-	-	-	-	-	83.9	106	-	-	-	-	-	-	-

ABBREVIATIONS AND NOTES:

mg/kg: milligram per kilogram

**: LCS or LCSD is outside acceptance limits.*
-: Not Analyzed
B: Compound was found in the blank and the associated sample.
bgs: below ground surface
ft: feet
J: Value is estimated.
NA: Not Applicable
ND (2.5): Not detected, number in parentheses is the laboratory reporting limit

- For test methods used, see the laboratory data sheets.
- Soil analytical results are compared to the New York State Department of Environmental Conservation (NYSDEC) Title 6 of the Official Compilation of New York Codes, Rules, and Regulations (NYCRR) Part 375 Commercial Use Soil Cleanup Objectives (SCO).
- Grey shading indicates an exceedance of the Commercial Use Soil Cleanup Objectives.

TABLE 13
SUMMARY OF SOIL QUALITY DATA - BERM 48
FORMER PORT MOBIL TERMINAL
STATEN ISLAND, NEW YORK
FILE NO. 0208998

	Criteria																		
Location Name	NY Part 375	48C	48C	48C1	48C1	48C2	48C2	48C3	48C3	48C3	48D	48D	48D1	48D1	48D1	48D2	48D2	48D3	48D3
Sample Name	Commercial	48C_0-3	48C_3-6	48C1_0-1	48C1_3-4	48C2_1-2	48C2_4-5	48C3_1-2	48C3_2-3	48C3_5-6	48D_0-3	48D_3-6	48D1_1-2	48D1_2-3	48D1_4-5	48D2_2-3	48D2_5-6	48D3_3-4	48D3_5-6
Sample Date	Use	10/06/2025	10/06/2025	10/06/2025	10/06/2025	10/06/2025	10/06/2025	10/06/2025	10/06/2025	10/06/2025	10/06/2025	10/06/2025	10/06/2025	10/06/2025	10/06/2025	10/06/2025	10/06/2025	10/06/2025	10/06/2025
Lab Sample ID	Soil Cleanup	460-336556-5	460-336556-6	460-336556-27	460-336556-30	460-336556-28	460-336556-31	460-336556-33	460-336556-29	460-336556-32	460-336556-7	460-336556-8	460-336556-34	460-336556-40	460-336556-37	460-336556-35	460-336556-38	460-336556-36	460-336556-39
Sample Depth (bgs)	Objectives	0 - 3 (ft)	3 - 6 (ft)	0 - 1 (ft)	3 - 4 (ft)	1 - 2 (ft)	4 - 5 (ft)	1 - 2 (ft)	2 - 3 (ft)	5 - 6 (ft)	0 - 3 (ft)	3 - 6 (ft)	1 - 2 (ft)	2 - 3 (ft)	4 - 5 (ft)	2 - 3 (ft)	5 - 6 (ft)	3 - 4 (ft)	5 - 6 (ft)
Volatile Organic Compounds (mg/kg)																			
1,1,1-Trichloroethane	500	-	-	ND (0.0011)	ND (0.0012)	ND (0.00099)	ND (0.0012)	ND (0.001)	ND (0.00099)	ND (0.00099)	-	-	ND (0.0013)	ND (0.0011)	ND (0.001)	ND (0.00099)	ND (0.0015)	ND (0.00094)	ND (0.00099)
1,1,2,2-Tetrachloroethane	NA	-	-	ND (0.0011)	ND (0.0012)	ND (0.00099)	ND (0.0012)	ND (0.001)	ND (0.00099)	ND (0.00099)	-	-	ND (0.0013)	ND (0.0011)	ND (0.001)	ND (0.00099)	ND (0.0015)	ND (0.00094)	ND (0.00099)
1,1,2-Trichloroethane	NA	-	-	ND (0.0011)	ND (0.0012)	ND (0.00099)	ND (0.0012)	ND (0.001)	ND (0.00099)	ND (0.00099)	-	-	ND (0.0013)	ND (0.0011)	ND (0.001)	ND (0.00099)	ND (0.0015)	ND (0.00094)	ND (0.00099)
1,1-Dichloroethane	240	-	-	ND (0.0011)	ND (0.0012)	ND (0.00099)	ND (0.0012)	ND (0.001)	ND (0.00099)	ND (0.00099)	-	-	ND (0.0013)	ND (0.0011)	ND (0.001)	ND (0.00099)	ND (0.0015)	ND (0.00094)	ND (0.00099)
1,1-Dichloroethene	500	-	-	ND (0.0011)	ND (0.0012)	ND (0.00099)	ND (0.0012)	ND (0.001)	ND (0.00099)	ND (0.00099)	-	-	ND (0.0013)	ND (0.0011)	ND (0.001)	ND (0.00099)	ND (0.0015)	ND (0.00094)	ND (0.00099)
1,2,3-Trichlorobenzene	NA	-	-	ND (0.0011)	ND (0.0012)	ND (0.00099)	ND (0.0012)	ND (0.001)	ND (0.00099)	ND (0.00099)	-	-	ND (0.0013)	ND (0.0011)	ND (0.001)	ND (0.00099)	ND (0.0015)	ND (0.00094)	ND (0.00099)
1,2,4-Trichlorobenzene	NA	-	-	ND (0.0011)	ND (0.0012)	ND (0.00099)	ND (0.0012)	ND (0.001)	ND (0.00099)	ND (0.00099)	-	-	ND (0.0013)	ND (0.0011)	ND (0.001)	ND (0.00099)	ND (0.0015)	ND (0.00094)	ND (0.00099)
1,2,4-Trimethylbenzene	190	-	-	ND (0.0011)	ND (0.0012)	ND (0.00099)	ND (0.0012)	ND (0.001)	ND (0.00099)	ND (0.00099)	-	-	ND (0.0013)	ND (0.0011)	ND (0.001)	ND (0.00099)	ND (0.0015)	ND (0.00094)	ND (0.00099)
1,2-Dibromo-3-chloropropane (DBCP)	NA	-	-	ND (0.0011)	ND (0.0012)	ND (0.00099)	ND (0.0012)	ND (0.001)	ND (0.00099)	ND (0.00099)	-	-	ND (0.0013)	ND (0.0011)	ND (0.001)	ND (0.00099)	ND (0.0015)	ND (0.00094)	ND (0.00099)
1,2-Dibromoethane (Ethylene Dibromide)	NA	-	-	ND (0.0011)	ND (0.0012)	ND (0.00099)	ND (0.0012)	ND (0.001)	ND (0.00099)	ND (0.00099)	-	-	ND (0.0013)	ND (0.0011)	ND (0.001)	ND (0.00099)	ND (0.0015)	ND (0.00094)	ND (0.00099)
1,2-Dichlorobenzene	500	-	-	ND (0.0011)	ND (0.0012)	ND (0.00099)	ND (0.0012)	ND (0.001)	ND (0.00099)	ND (0.00099)	-	-	ND (0.0013)	ND (0.0011)	ND (0.001)	ND (0.00099)	ND (0.0015)	ND (0.00094)	ND (0.00099)
1,2-Dichloroethane	30	-	-	ND (0.0011)	ND (0.0012)	ND (0.00099)	ND (0.0012)	ND (0.001)	ND (0.00099)	ND (0.00099)	-	-	ND (0.0013)	ND (0.0011)	ND (0.001)	ND (0.00099)	ND (0.0015)	ND (0.00094)	ND (0.00099)
1,2-Dichloropropane	NA	-	-	ND (0.0011)	ND (0.0012)	ND (0.00099)	ND (0.0012)	ND (0.001)	ND (0.00099)	ND (0.00099)	-	-	ND (0.0013)	ND (0.0011)	ND (0.001)	ND (0.00099)	ND (0.0015)	ND (0.00094)	ND (0.00099)
1,3,5-Trimethylbenzene	190	-	-	ND (0.0011)	ND (0.0012)	ND (0.00099)	ND (0.0012)	ND (0.001)	ND (0.00099)	ND (0.00099)	-	-	ND (0.0013)	ND (0.0011)	ND (0.001)	ND (0.00099)	ND (0.0015)	ND (0.00094)	ND (0.00099)
1,3-Dichlorobenzene	280	-	-	ND (0.0011)	ND (0.0012)	ND (0.00099)	ND (0.0012)	ND (0.001)	ND (0.00099)	ND (0.00099)	-	-	ND (0.0013)	ND (0.0011)	ND (0.001)	ND (0.00099)	ND (0.0015)	ND (0.00094)	ND (0.00099)
1,4-Dichlorobenzene	130	-	-	ND (0.0011)	ND (0.0012)	ND (0.00099)	ND (0.0012)	ND (0.001)	ND (0.00099)	ND (0.00099)	-	-	ND (0.0013)	ND (0.0011)	ND (0.001)	ND (0.00099)	ND (0.0015)	ND (0.00094)	ND (0.00099)
2-Butanone (Methyl Ethyl Ketone)	500	-	-	ND (0.0054)	ND (0.0058)	ND (0.005)	ND (0.006)	ND (0.0051)	ND (0.0049)	ND (0.005)	-	-	ND (0.0063)	ND (0.0054)	ND (0.0051)	ND (0.0049)	ND (0.0074)	ND (0.0047)	ND (0.0049)
2-Hexanone (Methyl Butyl Ketone)	NA	-	-	ND (0.0054)	ND (0.0058)	ND (0.005)	ND (0.006)	ND (0.0051)	ND (0.0049)	ND (0.005)	-	-	ND (0.0063)	ND (0.0054)	ND (0.0051)	ND (0.0049)	ND (0.0074)	ND (0.0047)	ND (0.0049)
2-Phenylbutane (sec-Butylbenzene)	500	-	-	ND (0.0011)	ND (0.0012)	ND (0.00099)	ND (0.0012)	ND (0.001)	ND (0.00099)	ND (0.00099)	-	-	ND (0.0013)	ND (0.0011)	ND (0.001)	ND (0.00099)	ND (0.0015)	ND (0.00094)	ND (0.00099)
4-Methyl-2-Pentanone (Methyl Isobutyl Ketone)	NA	-	-	ND (0.0054)	ND (0.0058)	ND (0.005)	ND (0.006)	ND (0.0051)	ND (0.0049)	ND (0.005)	-	-	ND (0.0063)	ND (0.0054)	ND (0.0051)	ND (0.0049)	ND (0.0074)	ND (0.0047)	ND (0.0049)
Acetone	500	-	-	0.12	0.061	ND (0.006)	0.17	0.016	ND (0.0059)	0.02	-	-	0.03	0.12	0.062	0.17	0.087	0.21	ND (0.0059)
Benzene	44	-	-	ND (0.0011)	ND (0.0012)	ND (0.00099)	ND (0.0012)	ND (0.001)	ND (0.00099)	ND (0.00099)	-	-	ND (0.0013)	ND (0.0011)	ND (0.001)	ND (0.00099)	ND (0.0015)	ND (0.00094)	ND (0.00099)
Bromodichloromethane	NA	-	-	ND (0.0011)	ND (0.0012)	ND (0.00099)	ND (0.0012)	ND (0.001)	ND (0.00099)	ND (0.00099)	-	-	ND (0.0013)	ND (0.0011)	ND (0.001)	ND (0.00099)	ND (0.0015)	ND (0.00094)	ND (0.00099)
Bromoform	NA	-	-	ND (0.0011)	ND (0.0012)	ND (0.00099)	ND (0.0012)	ND (0.001)	ND (0.00099)	ND (0.00099)	-	-	ND (0.0013)	ND (0.0011)	ND (0.001)	ND (0.00099)	ND (0.0015)	ND (0.00094)	ND (0.00099)
Bromomethane (Methyl Bromide)	NA	-	-	ND (0.0022) *	ND (0.0023) *	ND (0.002) *	ND (0.0024) *	ND (0.002) *	ND (0.002) *	ND (0.002) *	-	-	ND (0.0025) *	ND (0.0022) *	ND (0.002) *	ND (0.002) *	ND (0.003) *	ND (0.0019) *	ND (0.002) *
Carbon disulfide	NA	-	-	ND (0.0011)	ND (0.0012)	ND (0.00099)	ND (0.0012)	ND (0.001)	ND (0.00099)	ND (0.00099)	-	-	ND (0.0013)	ND (0.0011)	ND (0.001)	ND (0.00099)	ND (0.0015)	ND (0.00094)	ND (0.00099)
Carbon tetrachloride	22	-	-	ND (0.0011)	ND (0.0012)	ND (0.00099)	ND (0.0012)	ND (0.001)	ND (0.00099)	ND (0.00099)	-	-	ND (0.0013)	ND (0.0011)	ND (0.001)	ND (0.00099)	ND (0.0015)	ND (0.00094)	ND (0.00099)
Chlorobenzene	500	-	-	ND (0.0011)	ND (0.0012)	ND (0.00099)	ND (0.0012)	ND (0.001)	ND (0.00099)	ND (0.00099)	-	-	ND (0.0013)	ND (0.0011)	ND (0.001)	ND (0.00099)	ND (0.0015)	ND (0.00094)	ND (0.00099)
Chlorobromomethane	NA	-	-	ND (0.0011)	ND (0.0012)	ND (0.00099)	ND (0.0012)	ND (0.001)	ND (0.00099)	ND (0.00099)	-	-	ND (0.0013)	ND (0.0011)	ND (0.001)	ND (0.00099)	ND (0.0015)	ND (0.00094)	ND (0.00099)
Chloroethane	NA	-	-	ND (0.0011)	ND (0.0012)	ND (0.00099)	ND (0.0012)	ND (0.001)	ND (0.00099)	ND (0.00099)	-	-	ND (0.0013)	ND (0.0011)	ND (0.001)	ND (0.00099)	ND (0.0015)	ND (0.00094)	ND (0.00099)
Chloroform (Trichloromethane)	350	-	-	ND (0.0011)	ND (0.0012)	ND (0.00099)	ND (0.0012)	ND (0.001)	ND (0.00099)	ND (0.00099)	-	-	ND (0.0013)	ND (0.0011)	ND (0.001)	ND (0.00099)	ND (0.0015)	ND (0.00094)	ND (0.00099)
Chloromethane (Methyl Chloride)	NA	-	-	ND (0.0011)	ND (0.0012)	ND (0.00099)	ND (0.0012)	ND (0.001)	ND (0.00099)	ND (0.00099)	-	-	ND (0.0013)	ND (0.0011)	ND (0.001)	ND (0.00099)	ND (0.0015)	ND (0.00094)	ND (0.00099)
cis-1,2-Dichloroethene	500	-	-	ND (0.0011)	ND (0.0012)	ND (0.00099)	ND (0.0012)	ND (0.001)	ND (0.00099)	ND (0.00099)	-	-	ND (0.0013)	ND (0.0011)	ND (0.001)	ND (0.00099)	ND (0.0015)	ND (0.00094)	ND (0.00099)
cis-1,3-Dichloropropene	NA	-	-	ND (0.0011)	ND (0.0012)	ND (0.00099)	ND (0.0012)	ND (0.001)	ND (0.00099)	ND (0.00099)	-	-	ND (0.0013)	ND (0.0011)	ND (0.001)	ND (0.00099)	ND (0.0015)	ND (0.00094)	ND (0.00099)
Cyclohexane	NA	-	-	ND (0.0011)	ND (0.0012)	ND (0.00099)	ND (0.0012)	ND (0.001)	ND (0.00099)	ND (0.00099)	-	-	ND (0.0013)	ND (0.0011)	ND (0.001)	ND (0.00099)	ND (0.0015)	ND (0.00094)	ND (0.00099)
Dibromochloromethane	NA	-	-	ND (0.0011)	ND (0.0012)	ND (0.00099)	ND (0.0012)	ND (0.001)	ND (0.00099)	ND (0.00099)	-	-	ND (0.0013)	ND (0.0011)	ND (0.001)	ND (0.00099)	ND (0.0015)	ND (0.00094)	ND (0.00099)
Dichlorodifluoromethane (CFC-12)	NA	-	-	ND (0.0011)	ND (0.0012)	ND (0.00099)	ND (0.0012)	ND (0.001)	ND (0.00099)	ND (0.00099)	-	-	ND (0.0013)	ND (0.0011)	ND (0.001)	ND (0.00099)	ND (0.0015)	ND (0.00094)	ND (0.00099)
Ethylbenzene	390	-	-	ND (0.0011)	ND (0.0012)	ND (0.00099)	ND (0.0012)	ND (0.001)	ND (0.00099)	ND (0.00099)	-	-	ND (0.0013)	ND (0.0011)	ND (0.001)	ND (0.00099)	ND (0.0015)	ND (0.00094)	ND (0.00099)
Isopropylbenzene (Cumene)	NA	-	-	ND (0.0011)	ND (0.0012)	ND (0.00099)	ND (0.0012)	ND (0.001)	ND (0.00099)	ND (0.00099)	-	-	ND (0.0013)	ND (0.0011)	ND (0.001)	ND (0.00099)	ND (0.0015)	ND (0.00094)	ND (0.00099)
m,p-Xylenes	NA	-	-	ND (0.0011)	ND (0.0012)	ND (0.00099)	ND (0.0012)	ND (0.001)	ND (0.00099)	ND (0.00099)	-	-	ND (0.0013)	ND (0.0011)	ND (0.001)	ND (0.00099)	ND (0.0015)	ND (0.00094)	ND (0.00099)
Methyl acetate	NA	-	-	ND (0.0054)	ND (0.0058)	ND (0.005)	ND (0.006)	ND (0.0051)	ND (0.0049)	ND (0.005)	-	-	ND (0.0063)	ND (0.0054)	ND (0.0051)	ND (0.0049)	ND (0.0074)	ND (0.0047)	ND (0.0049)
Methyl Tert Butyl Ether (MTBE)	500	-	-	ND (0.0011)	ND (0.0012)	ND (0.00099)	ND (0.0012)	ND (0.001)	ND (0.00099)	ND (0.00099)	-	-	ND (0.0013)	ND (0.0011)	ND (0.001)	ND (0.00099)	ND (0.0015)	ND (0.00094)	ND (0.00099)
Methylcyclohexane	NA	-	-	ND (0.0011)	ND (0.0012)	ND (0.00099)	ND (0.0012)	ND (0.001)	ND (0.00099)	ND (0.00099)	-	-	ND (0.0013)	ND (0.0011)	ND (0.001)	ND (0.00099)	ND (0.0015)	ND (0.00094)	ND (0.00099)
Methylene chloride (Dichloromethane)	500	-	-	ND (0.0022)	ND (0.0023)	ND (0.002)	ND (0.0024)	ND (0.002)	ND (0.002)	ND (0.002)	-	-	ND (0.0025)	ND (0.0022)	ND (0.002)	0.002	ND (0.003)	ND (0.0019)	ND (0.002)
n-Butylbenzene	500	-	-	ND (0.0011)	ND (0.0012)	ND (0.00099)	ND (0.0012)	ND (0.001)	ND (0.00099)	ND (0.00099)	-	-	ND (0.0013)	ND (0.0011)	ND (0.001)	ND (0.00099)	ND (0.0015)	ND (0.00094)	ND (0.00099)
n-Propylbenzene	500	-	-	ND (0.0011)	ND (0.0012)	ND (0.00099)	ND (0.0012)	ND (0.001)	ND (0.00099)	ND (0.00099)	-	-	ND (0.0013)	ND (0.0011)	ND (0.001)	ND (0.00099)	ND (0.0015)	ND (0.00094)	ND (0.00099)
o-Xylene	NA	-	-	ND (0.0011)	ND (0.0012)	ND (0.00099)	ND (0.0012)	ND (0.001)	ND (0.00099)	ND (0.00099)	-	-	ND (0.0013)	ND (0.0011)	ND (0.001)	ND (0.00099)	ND (0.0015)	ND (0.00094)	ND (0.00099)
Styrene	NA	-	-	ND (0.0011)	ND (0.0012)	ND (0.00099)	ND (0.0012)	ND (0.001)	ND (0.00099)	ND (0.00099)	-	-	ND (0.0013)	ND (0.0011)	ND (0.001)	ND (0.00099)	ND (0.0015)	ND (0.00094)	ND (0.00099)
tert-Butylbenzene	500	-	-	ND (0.0011)	ND (0.0012)	ND (0.00099)	ND (0.0012)	ND (0.001)	ND (0.00099)	ND (0.00099)	-	-	ND (0.0013)	ND (0.0011)	ND (0.001)	ND (0.00099)	ND (0.0015)	ND (0.00094)	ND (0.00099)
Tetrachloroethene	150	-	-	ND (0.0011)	ND (0.0012)	ND (0.00099)	ND (0.0012)	ND (0.001)	ND (0.00099)	ND (0.00099)	-	-	ND (0.0013)	ND (0.0011)	ND (0.001)	ND (0.00099)	ND (0.0015)	ND (0.00094)	ND (0.00099)
Toluene	500	-	-	ND (0.0011)	ND (0.0012)	ND (0.00099)	ND (0.0012)	ND (0.001)	ND (0.00099)	ND (0.00099)	-	-	ND (0.0013)	ND (0.0011)	ND (0.001)	ND (0.00099)	ND (0.0015)	ND (0.00094)	ND (0.00099)
trans-1,2-Dichloroethene	500	-	-	ND (0.0011)	ND (0.0012)	ND (0.00099)	ND (0.0012)	ND (0.001)	ND (0.00099)	ND (0.00099)	-	-	ND (0.0013)	ND (0.0011)	ND (0.001)	ND (0.00099)	ND (0.0015)	ND (0.00094)	ND (0.00099)
trans-1,3-Dichloropropene	NA	-	-	ND (0.0011)	ND (0.0012)	ND (0.00099)	ND (0.0012)	ND (0.001)	ND (0.00099)	ND (0.00099)	-	-	ND (0.0013)	ND (0.0011)	ND (0.001)	ND (0.00099)	ND (0.0015)	ND (0.00094)	ND (0.00099)
Trichloroethene	200	-	-	ND (0.0011)	ND (0.0012)	ND (0.00099)	ND (0.0012)	ND (0.001)	ND (0.00099)	ND (0.00099)	-	-	ND (0.0013)	ND (0.0011)	ND (0.001)	ND (0.00099)	ND (0.0015)	ND (0.00094)	ND (0.00099)
Trichlorofluoromethane (CFC-11)	NA	-	-	ND (0.0011)	ND (0.0012)	ND (0.00099)	ND (0.0012)	ND (0.001)	ND (0.00099)	ND (0.00099)	-	-	ND (0.0013)	ND (0.0011)	ND (0.001)	ND (0.00099)	ND (0.0015)	ND (0.00094)	ND (0.00099)
Trifluorotrichloroethane (Freon 113)	NA	-	-	ND (0.0011)	ND (0.0012)	ND (0.00099)	ND (0.0012)	ND (0.001)	ND (0.00099)	ND (0.00099)	-	-	ND (0.0013)	ND (0.0011)	ND (0.001)	ND (0.00099)	ND (0.0015)	ND (0.00094)	ND (0.00099)
Vinyl chloride	13	-	-	ND (0.0011)	ND (0.0012)	ND (0.00099)	ND (0.0012)	ND (0.001)	ND (0.00099)	ND (0.00099)	-	-	ND (0.0013)	ND (0.0011)	ND (0.001)	ND (0.00099)	ND (0.0015)	ND (0.00094)	ND (0.00099)
Xylene (Total)	500	-	-	ND (0.0022)	ND (0.0023)	ND (0.002)	ND (0.0024)	ND (0.002)	ND (0.002)	ND (0.002)	-	-	ND (0.0025)	ND (0.0022)	ND (0.002)	ND (0.002)	ND (0.003)	ND (0.0019)	ND (0.002)

TABLE 13
SUMMARY OF SOIL QUALITY DATA - BERM 48
FORMER PORT MOBIL TERMINAL
STATEN ISLAND, NEW YORK
FILE NO. 0208998

	Criteria																		
Location Name	NY Part 375	48C	48C	48C1	48C1	48C2	48C2	48C3	48C3	48C3	48D	48D	48D1	48D1	48D1	48D2	48D2	48D3	48D3
Sample Name	Commercial	48C_0-3	48C_3-6	48C1_0-1	48C1_3-4	48C2_1-2	48C2_4-5	48C3_1-2	48C3_2-3	48C3_5-6	48D_0-3	48D_3-6	48D1_1-2	48D1_2-3	48D1_4-5	48D2_2-3	48D2_5-6	48D3_3-4	48D3_5-6
Sample Date	Use	10/06/2025	10/06/2025	10/06/2025	10/06/2025	10/06/2025	10/06/2025	10/06/2025	10/06/2025	10/06/2025	10/06/2025	10/06/2025	10/06/2025	10/06/2025	10/06/2025	10/06/2025	10/06/2025	10/06/2025	10/06/2025
Lab Sample ID	Soil Cleanup	460-336556-5	460-336556-6	460-336556-27	460-336556-30	460-336556-28	460-336556-31	460-336556-33	460-336556-29	460-336556-32	460-336556-7	460-336556-8	460-336556-34	460-336556-40	460-336556-37	460-336556-35	460-336556-38	460-336556-36	460-336556-39
Sample Depth (bgs)	Objectives	0 - 3 (ft)	3 - 6 (ft)	0 - 1 (ft)	3 - 4 (ft)	1 - 2 (ft)	4 - 5 (ft)	1 - 2 (ft)	2 - 3 (ft)	5 - 6 (ft)	0 - 3 (ft)	3 - 6 (ft)	1 - 2 (ft)	2 - 3 (ft)	4 - 5 (ft)	2 - 3 (ft)	5 - 6 (ft)	3 - 4 (ft)	5 - 6 (ft)
Semi-Volatile Organic Compounds (mg/kg)																			
1,2,4,5-Tetrachlorobenzene	NA	ND (0.35)	ND (0.35)	-	-	-	-	-	-	-	ND (0.35)	ND (0.34)	-	-	-	-	-	-	-
1,4-Dioxane	130	ND (0.035)	ND (0.035)	-	-	-	-	-	-	-	ND (0.035)	ND (0.034)	-	-	-	-	-	-	-
2,2'-oxybis(1-Chloropropane)	NA	ND (0.35)	ND (0.35)	-	-	-	-	-	-	-	ND (0.35)	ND (0.34)	-	-	-	-	-	-	-
2,3,4,6-Tetrachlorophenol	NA	ND (0.35)	ND (0.35)	-	-	-	-	-	-	-	ND (0.35)	ND (0.34)	-	-	-	-	-	-	-
2,4,5-Trichlorophenol	NA	ND (0.35)	ND (0.35)	-	-	-	-	-	-	-	ND (0.35)	ND (0.34)	-	-	-	-	-	-	-
2,4,6-Trichlorophenol	NA	ND (0.14)	ND (0.14)	-	-	-	-	-	-	-	ND (0.14)	ND (0.14)	-	-	-	-	-	-	-
2,4-Dichlorophenol	NA	ND (0.14)	ND (0.14)	-	-	-	-	-	-	-	ND (0.14)	ND (0.14)	-	-	-	-	-	-	-
2,4-Dimethylphenol	NA	ND (0.35)	ND (0.35)	-	-	-	-	-	-	-	ND (0.35)	ND (0.34)	-	-	-	-	-	-	-
2,4-Dinitrophenol	NA	ND (0.28)	ND (0.29)	-	-	-	-	-	-	-	ND (0.28)	ND (0.27)	-	-	-	-	-	-	-
2,4-Dinitrotoluene	NA	ND (0.072)	ND (0.072)	-	-	-	-	-	-	-	ND (0.071)	ND (0.069)	-	-	-	-	-	-	-
2,6-Dinitrotoluene	NA	ND (0.072)	ND (0.072)	-	-	-	-	-	-	-	ND (0.071)	ND (0.069)	-	-	-	-	-	-	-
2-Chloronaphthalene	NA	ND (0.35)	ND (0.35)	-	-	-	-	-	-	-	ND (0.35)	ND (0.34)	-	-	-	-	-	-	-
2-Chlorophenol	NA	ND (0.35)	ND (0.35)	-	-	-	-	-	-	-	ND (0.35)	ND (0.34)	-	-	-	-	-	-	-
2-Methylnaphthalene	NA	ND (0.35)	ND (0.35)	-	-	-	-	-	-	-	ND (0.35)	0.012 J	-	-	-	-	-	-	-
2-Methylphenol (o-Cresol)	500	ND (0.35)	ND (0.35)	-	-	-	-	-	-	-	ND (0.35)	ND (0.34)	-	-	-	-	-	-	-
2-Nitroaniline	NA	ND (0.35)	ND (0.35)	-	-	-	-	-	-	-	ND (0.35)	ND (0.34)	-	-	-	-	-	-	-
2-Nitrophenol	NA	ND (0.35)	ND (0.35)	-	-	-	-	-	-	-	ND (0.35)	ND (0.34)	-	-	-	-	-	-	-
3&4-Methylphenol	NA	ND (0.35)	ND (0.35)	-	-	-	-	-	-	-	ND (0.35)	ND (0.34)	-	-	-	-	-	-	-
3,3'-Dichlorobenzidine	NA	ND (0.14)	ND (0.14)	-	-	-	-	-	-	-	ND (0.14)	ND (0.14)	-	-	-	-	-	-	-
3-Nitroaniline	NA	ND (0.35)	ND (0.35)	-	-	-	-	-	-	-	ND (0.35)	ND (0.34)	-	-	-	-	-	-	-
4,6-Dinitro-2-methylphenol	NA	ND (0.28)	ND (0.29)	-	-	-	-	-	-	-	ND (0.28)	ND (0.27)	-	-	-	-	-	-	-
4-Bromophenyl phenyl ether (BDE-3)	NA	ND (0.35)	ND (0.35)	-	-	-	-	-	-	-	ND (0.35)	ND (0.34)	-	-	-	-	-	-	-
4-Chloro-3-methylphenol	NA	ND (0.35)	ND (0.35)	-	-	-	-	-	-	-	ND (0.35)	ND (0.34)	-	-	-	-	-	-	-
4-Chloroaniline	NA	ND (0.35)	ND (0.35)	-	-	-	-	-	-	-	ND (0.35)	ND (0.34)	-	-	-	-	-	-	-
4-Chlorophenyl phenyl ether	NA	ND (0.35)	ND (0.35)	-	-	-	-	-	-	-	ND (0.35)	ND (0.34)	-	-	-	-	-	-	-
4-Methylphenol	500	ND (0.35)	ND (0.35)	-	-	-	-	-	-	-	ND (0.35)	ND (0.34)	-	-	-	-	-	-	-
4-Nitroaniline	NA	ND (0.35)	ND (0.35)	-	-	-	-	-	-	-	ND (0.35)	ND (0.34)	-	-	-	-	-	-	-
4-Nitrophenol	NA	ND (0.72)	ND (0.72)	-	-	-	-	-	-	-	ND (0.71)	ND (0.69)	-	-	-	-	-	-	-
Acenaphthene	500	ND (0.35)	ND (0.35)	-	-	-	-	-	-	-	0.01 J	0.025 J	-	-	-	-	-	-	-
Acenaphthylene	500	0.029 J	0.025 J	-	-	-	-	-	-	-	0.047 J	0.19 J	-	-	-	-	-	-	-
Acetophenone	NA	ND (0.35)	ND (0.35)	-	-	-	-	-	-	-	ND (0.35)	ND (0.34)	-	-	-	-	-	-	-
Anthracene	500	0.069 J	0.063 J	-	-	-	-	-	-	-	0.068 J	0.25 J	-	-	-	-	-	-	-
Atrazine	NA	ND (0.14)	ND (0.14)	-	-	-	-	-	-	-	ND (0.14)	ND (0.14)	-	-	-	-	-	-	-
Benzaldehyde	NA	ND (0.35)	ND (0.35)	-	-	-	-	-	-	-	ND (0.35)	ND (0.34)	-	-	-	-	-	-	-
Benzo(a)anthracene	5.6	0.042	0.044	-	-	-	-	-	-	-	0.098	0.19	-	-	-	-	-	-	-
Benzo(a)pyrene	1	0.049	0.052	-	-	-	-	-	-	-	0.11	0.26	-	-	-	-	-	-	-
Benzo(b)fluoranthene	5.6	0.056	0.061	-	-	-	-	-	-	-	0.14	0.31	-	-	-	-	-	-	-
Benzo(g,h,i)perylene	500	0.053 J	0.052 J	-	-	-	-	-	-	-	0.1 J	0.29 J	-	-	-	-	-	-	-
Benzo(k)fluoranthene	56	0.024 J	0.025 J	-	-	-	-	-	-	-	0.051	0.12	-	-	-	-	-	-	-
Biphenyl	NA	ND (0.35)	ND (0.35)	-	-	-	-	-	-	-	ND (0.35)	ND (0.34)	-	-	-	-	-	-	-
bis(2-Chloroethoxy)methane	NA	ND (0.35)	ND (0.35)	-	-	-	-	-	-	-	ND (0.35)	ND (0.34)	-	-	-	-	-	-	-
bis(2-Chloroethyl)ether	NA	ND (0.035)	ND (0.035)	-	-	-	-	-	-	-	ND (0.035)	ND (0.034)	-	-	-	-	-	-	-
bis(2-Ethylhexyl)phthalate	NA	ND (0.35)	ND (0.35)	-	-	-	-	-	-	-	ND (0.35)	ND (0.34)	-	-	-	-	-	-	-
Butyl benzylphthalate (BBP)	NA	ND (0.35)	ND (0.35)	-	-	-	-	-	-	-	ND (0.35)	ND (0.34)	-	-	-	-	-	-	-
Caprolactam	NA	ND (0.35)	ND (0.35)	-	-	-	-	-	-	-	ND (0.35)	ND (0.34)	-	-	-	-	-	-	-
Carbazole	NA	0.025 J	0.018 J	-	-	-	-	-	-	-	0.033 J	0.087 J	-	-	-	-	-	-	-
Chrysene	56	0.048 J	0.049 J	-	-	-	-	-	-	-	0.1 J	0.22 J	-	-	-	-	-	-	-
Dibenz(a,h)anthracene	0.56	ND (0.035)	ND (0.035)	-	-	-	-	-	-	-	0.019 J	0.045	-	-	-	-	-	-	-
Dibenzofuran	350	ND (0.35)	ND (0.35)	-	-	-	-	-	-	-	ND (0.35)	0.019 J	-	-	-	-	-	-	-
Diethyl phthalate	NA	ND (0.35)	ND (0.35)	-	-	-	-	-	-	-	ND (0.35)	ND (0.34)	-	-	-	-	-	-	-
Dimethyl phthalate	NA	ND (0.35)	ND (0.35)	-	-	-	-	-	-	-	ND (0.35)	ND (0.34)	-	-	-	-	-	-	-
Di-n-butylphthalate (DBP)	NA	ND (0.35)	ND (0.35)	-	-	-	-	-	-	-	ND (0.35)	ND (0.34)	-	-	-	-	-	-	-
Di-n-octyl phthalate (DnOP)	NA	ND (0.35)	ND (0.35)	-	-	-	-	-	-	-	ND (0.35)	ND (0.34)	-	-	-	-	-	-	-
Fluoranthene	500	0.09 J	0.089 J	-	-	-	-	-	-	-	0.22 J	0.45	-	-	-	-	-	-	-
Fluorene	500	ND (0.35)	ND (0.35)	-	-	-	-	-	-	-	0.014 J	0.039 J	-	-	-	-	-	-	-
Hexachlorobenzene	6	ND (0.035)	ND (0.035)	-	-	-	-	-	-	-	ND (0.035)	ND (0.034)	-	-	-	-	-	-	-
Hexachlorobutadiene	NA	ND (0.072)	ND (0.072)	-	-	-	-	-	-	-	ND (0.071)	ND (0.069)	-	-	-	-	-	-	-
Hexachlorocyclopentadiene	NA	ND (0.35)	ND (0.35)	-	-	-	-	-	-	-	ND (0.35)	ND (0.34)	-	-	-	-	-	-	-
Hexachloroethane	NA	ND (0.035)	ND (0.035)	-	-	-	-	-	-	-	ND (0.035)	ND (0.034)	-	-	-	-	-	-	-
Indeno(1,2,3-cd)pyrene	5.6	0.041	0.042	-	-	-	-	-	-	-	0.088	0.23	-	-	-	-	-	-	-
Isophorone	NA	ND (0.14)	ND (0.14)	-	-	-	-	-	-	-	ND (0.14)	ND (0.14)	-	-	-	-	-	-	-
Naphthalene	500	0.014 J	0.0062 J	-	-	-	-	-	-	-	ND (0.35)	0.03 J	-	-	-	-	-	-	-
Nitrobenzene	NA	ND (0.035)	ND (0.035)	-	-	-	-	-	-	-	ND (0.035)	ND (0.034)	-	-	-	-	-	-	-
N-Nitrosodi-n-propylamine	NA	ND (0.035)	ND (0.035)	-	-	-	-	-	-	-	ND (0.035)	ND (0.034)	-	-	-	-	-	-	-
N-Nitrosodiphenylamine	NA	ND (0.35)	ND (0.35)	-	-	-	-	-	-	-	ND (0.35)	ND (0.34)	-	-	-	-	-	-	-
Pentachlorophenol	6.7	ND (0.28)	ND (0.29)	-	-	-	-	-	-	-	ND (0.28)	ND (0.27)	-	-	-	-	-	-	-
Phenanthrene	500	0.081 J	0.059 J	-	-	-	-	-	-	-	0.14 J	0.31 J	-	-	-	-	-	-	-
Phenol	500	ND (0.35)	ND (0.35)	-	-	-	-	-	-	-	ND (0.35)	ND (0.34)	-	-	-	-	-	-	-
Pyrene	500	0.071 J	0.074 J	-	-	-	-	-	-	-	0.17 J	0.34	-	-	-	-	-	-	-

TABLE 13
SUMMARY OF SOIL QUALITY DATA - BERM 48
FORMER PORT MOBIL TERMINAL
STATEN ISLAND, NEW YORK
FILE NO. 0208998

	Criteria																		
Location Name	NY Part 375	48C	48C	48C1	48C1	48C2	48C2	48C3	48C3	48C3	48D	48D	48D1	48D1	48D1	48D2	48D2	48D3	48D3
Sample Name	Commercial	48C_0-3	48C_3-6	48C1_0-1	48C1_3-4	48C2_1-2	48C2_4-5	48C3_1-2	48C3_2-3	48C3_5-6	48D_0-3	48D_3-6	48D1_1-2	48D1_2-3	48D1_4-5	48D2_2-3	48D2_5-6	48D3_3-4	48D3_5-6
Sample Date	Use	10/06/2025	10/06/2025	10/06/2025	10/06/2025	10/06/2025	10/06/2025	10/06/2025	10/06/2025	10/06/2025	10/06/2025	10/06/2025	10/06/2025	10/06/2025	10/06/2025	10/06/2025	10/06/2025	10/06/2025	10/06/2025
Lab Sample ID	Soil Cleanup	460-336556-5	460-336556-6	460-336556-27	460-336556-30	460-336556-28	460-336556-31	460-336556-33	460-336556-29	460-336556-32	460-336556-7	460-336556-8	460-336556-34	460-336556-40	460-336556-37	460-336556-35	460-336556-38	460-336556-36	460-336556-39
Sample Depth (bgs)	Objectives	0 - 3 (ft)	3 - 6 (ft)	0 - 1 (ft)	3 - 4 (ft)	1 - 2 (ft)	4 - 5 (ft)	1 - 2 (ft)	2 - 3 (ft)	5 - 6 (ft)	0 - 3 (ft)	3 - 6 (ft)	1 - 2 (ft)	2 - 3 (ft)	4 - 5 (ft)	2 - 3 (ft)	5 - 6 (ft)	3 - 4 (ft)	5 - 6 (ft)
PFAS (mg/kg)																			
11-Chloroeicosafluoro-3-Oxaundecane-1-Sulfonic Acid (11Cl-PF3OUdS)	NA	ND (0.00019)	ND (0.00019)	-	-	-	-	-	-	-	ND (0.0002)	ND (0.0002)	-	-	-	-	-	-	-
2H,2H,3H,3H-Perfluorooctanoic acid (5:3 FTCA)	NA	ND (0.00096)	ND (0.00096)	-	-	-	-	-	-	-	ND (0.00098)	ND (0.00099)	-	-	-	-	-	-	-
3-(Perfluoroheptyl)propanoic acid (7:3 FTCA)	NA	ND (0.00096)	ND (0.00096)	-	-	-	-	-	-	-	ND (0.00098)	ND (0.00099)	-	-	-	-	-	-	-
3:3 Fluorotelomer carboxylic acid (3:3 FTCA)	NA	ND (0.00038)	ND (0.00038)	-	-	-	-	-	-	-	ND (0.00039)	ND (0.0004)	-	-	-	-	-	-	-
4,8-Dioxa-3H-Perfluorononanoic Acid (ADONA)	NA	ND (0.00019)	ND (0.00019)	-	-	-	-	-	-	-	ND (0.0002)	ND (0.0002)	-	-	-	-	-	-	-
4:2 Fluorotelomer sulfonic acid (4:2 FTS)	NA	ND (0.00038)	ND (0.00038)	-	-	-	-	-	-	-	ND (0.00039)	ND (0.0004)	-	-	-	-	-	-	-
6:2 Fluorotelomer sulfonic acid (6:2 FTS)	NA	0.00047	0.0003 J	-	-	-	-	-	-	-	ND (0.00039)	ND (0.0004)	-	-	-	-	-	-	-
8:2 Fluorotelomer sulfonic acid (8:2 FTS)	NA	0.00152	0.00099	-	-	-	-	-	-	-	0.0002 J	0.00045	-	-	-	-	-	-	-
9-Chlorohexadecafluoro-3-Oxanone-1-Sulfonic Acid (9Cl-PF3ONS)	NA	ND (0.00019)	ND (0.00019)	-	-	-	-	-	-	-	ND (0.0002)	ND (0.0002)	-	-	-	-	-	-	-
N-Ethyl Perfluorooctanesulfonamidoacetic Acid (NEtFOSAA)	NA	ND (0.00019)	ND (0.00019)	-	-	-	-	-	-	-	ND (0.0002)	ND (0.0002)	-	-	-	-	-	-	-
N-Ethylperfluorooctane sulfonamide (N-EtFOSA)	NA	ND (0.00019)	ND (0.00019)	-	-	-	-	-	-	-	ND (0.0002)	ND (0.0002)	-	-	-	-	-	-	-
N-Ethylperfluorooctane sulfonamidoethanol (N-EtFOSE)	NA	ND (0.00096)	ND (0.00096)	-	-	-	-	-	-	-	ND (0.00098)	ND (0.00099)	-	-	-	-	-	-	-
N-Methyl Perfluorooctanesulfonamidoacetic Acid (NMeFOSAA)	NA	ND (0.00019)	ND (0.00019)	-	-	-	-	-	-	-	ND (0.0002)	ND (0.0002)	-	-	-	-	-	-	-
N-Methylperfluorooctane sulfonamide (N-MeFOSA)	NA	ND (0.00019)	ND (0.00019)	-	-	-	-	-	-	-	ND (0.0002)	ND (0.0002)	-	-	-	-	-	-	-
N-Methylperfluorooctane sulfonamidoethanol (N-MeFOSE)	NA	ND (0.00096)	ND (0.00096)	-	-	-	-	-	-	-	ND (0.00098)	ND (0.00099)	-	-	-	-	-	-	-
Nonafluoro-3,6-dioxaheptanoic acid (NFDHA)	NA	ND (0.00019)	ND (0.00019)	-	-	-	-	-	-	-	ND (0.0002)	ND (0.0002)	-	-	-	-	-	-	-
Perfluoro(2-ethoxyethane) sulphonic acid (PFEESA)	NA	ND (0.00019)	ND (0.00019)	-	-	-	-	-	-	-	ND (0.0002)	ND (0.0002)	-	-	-	-	-	-	-
Perfluoro(4-methoxybutanoic) acid (PFMBA)	NA	ND (0.00019)	ND (0.00019)	-	-	-	-	-	-	-	ND (0.0002)	ND (0.0002)	-	-	-	-	-	-	-
Perfluoro-2-propoxypropanoic acid (PFPrOPrA)(GenX) (HFPO-DA)	NA	ND (0.00019)	ND (0.00019)	-	-	-	-	-	-	-	ND (0.0002)	ND (0.0002)	-	-	-	-	-	-	-
Perfluoro-3-methoxypropanoic acid (PFMPA)	NA	ND (0.00019)	ND (0.00019)	-	-	-	-	-	-	-	ND (0.0002)	ND (0.0002)	-	-	-	-	-	-	-
Perfluorobutanesulfonic acid (PFBS)	NA	ND (0.00019)	ND (0.00019)	-	-	-	-	-	-	-	ND (0.0002)	ND (0.0002)	-	-	-	-	-	-	-
Perfluorobutanoic acid (PFBA)	NA	ND (0.00038)	ND (0.00038)	-	-	-	-	-	-	-	ND (0.00039)	ND (0.0004)	-	-	-	-	-	-	-
Perfluorodecanesulfonic acid (PFDS)	NA	ND (0.00019)	ND (0.00019)	-	-	-	-	-	-	-	ND (0.0002)	ND (0.0002)	-	-	-	-	-	-	-
Perfluorodecanoic acid (PFDA)	NA	0.0026	0.0023	-	-	-	-	-	-	-	0.00139	0.00111	-	-	-	-	-	-	-
Perfluorododecane sulfonic acid (PFDoDS)	NA	ND (0.00019)	ND (0.00019)	-	-	-	-	-	-	-	ND (0.0002)	ND (0.0002)	-	-	-	-	-	-	-
Perfluorododecanoic acid (PFDoDA)	NA	0.00275	0.00199	-	-	-	-	-	-	-	0.00066	0.00163	-	-	-	-	-	-	-
Perfluoroheptanesulfonic acid (PFHpS)	NA	ND (0.00019)	ND (0.00019)	-	-	-	-	-	-	-	ND (0.0002)	ND (0.0002)	-	-	-	-	-	-	-
Perfluoroheptanoic acid (PFHpA)	NA	0.00046	0.00025	-	-	-	-	-	-	-	0.00012 J	0.00024	-	-	-	-	-	-	-
Perfluorohexanesulfonic acid (PFHxS)	NA	ND (0.00019)	ND (0.00019)	-	-	-	-	-	-	-	0.0001 J	ND (0.0002)	-	-	-	-	-	-	-
Perfluorohexanoic acid (PFHxA)	NA	0.00034	0.00021	-	-	-	-	-	-	-	0.00012 J	0.00019 J	-	-	-	-	-	-	-
Perfluorononane sulfonic acid (PFNS)	NA	ND (0.00019)	ND (0.00019)	-	-	-	-	-	-	-	ND (0.0002)	ND (0.0002)	-	-	-	-	-	-	-
Perfluorononanoic acid (PFNA)	NA	0.0017	0.00082	-	-	-	-	-	-	-	0.00052	0.00052	-	-	-	-	-	-	-
Perfluorooctane sulfonamide (PFOSA)	NA	ND (0.00019)	ND (0.00019)	-	-	-	-	-	-	-	ND (0.0002)	ND (0.0002)	-	-	-	-	-	-	-
Perfluorooctanesulfonic acid (PFOS)	0.44	0.00031	0.00045	-	-	-	-	-	-	-	0.00073	0.00042	-	-	-	-	-	-	-
Perfluorooctanoic acid (PFOA)	0.5	0.00043	0.00025	-	-	-	-	-	-	-	0.00014 J	0.00022	-	-	-	-	-	-	-
Perfluoropentanesulfonic acid (PFPeS)	NA	ND (0.00019)	ND (0.00019)	-	-	-	-	-	-	-	ND (0.0002)	ND (0.0002)	-	-	-	-	-	-	-
Perfluoropentanoic acid (PFPeA)	NA	0.00045	0.00027	-	-	-	-	-	-	-	0.00015 J	0.0002	-	-	-	-	-	-	-
Perfluorotetradecanoic acid (PFTeDA)	NA	0.00055	0.00043	-	-	-	-	-	-	-	0.00016 J	0.00038	-	-	-	-	-	-	-
Perfluorotridecanoic acid (PFTrDA)	NA	0.0116	0.00768	-	-	-	-	-	-	-	0.00187	0.004	-	-	-	-	-	-	-
Perfluoroundecanoic acid (PFUnDA)	NA	0.0134	0.0113	-	-	-	-	-	-	-	0.00389	0.00334	-	-	-	-	-	-	-
Pesticides (mg/kg)																			
4,4'-DDD	92	ND (0.0073)	ND (0.0072)	-	-	-	-	-	-	-	ND (0.0072)	ND (0.0069)	-	-	-	-	-	-	-
4,4'-DDE	62	ND (0.0073)	ND (0.0072)	-	-	-	-	-	-	-	ND (0.0072)	ND (0.0069)	-	-	-	-	-	-	-
4,4'-DDT	47	ND (0.0073)	ND (0.0072)	-	-	-	-	-	-	-	ND (0.0072)	ND (0.0069)	-	-	-	-	-	-	-
Aldrin	0.68	ND (0.0073)	ND (0.0072)	-	-	-	-	-	-	-	ND (0.0072)	ND (0.0069)	-	-	-	-	-	-	-
alpha-BHC	3.4	ND (0.0022)	ND (0.0022)	-	-	-	-	-	-	-	ND (0.0021)	ND (0.0021)	-	-	-	-	-	-	-
alpha-Chlordane (cis)	24	ND (0.0073)	ND (0.0072)	-	-	-	-	-	-	-	ND (0.0072)	ND (0.0069)	-	-	-	-	-	-	-
beta-BHC	3	ND (0.0022)	ND (0.0022)	-	-	-	-	-	-	-	ND (0.0021)	ND (0.0021)	-	-	-	-	-	-	-
Chlordane	NA	ND (0.073)	ND (0.072)	-	-	-	-	-	-	-	ND (0.072)	ND (0.069)	-	-	-	-	-	-	-
delta-BHC	500	ND (0.0022)	ND (0.0022)	-	-	-	-	-	-	-	ND (0.0021)	ND (0.0021)	-	-	-	-	-	-	-
Dieldrin	1.4	ND (0.0022)	ND (0.0022)	-	-	-	-	-	-	-	ND (0.0021)	ND (0.0021)	-	-	-	-	-	-	-
Endosulfan I	200	ND (0.0073)	ND (0.0072)	-	-	-	-	-	-	-	ND (0.0072)	ND (0.0069)	-	-	-	-	-	-	-
Endosulfan II	200	ND (0.0073)	ND (0.0072)	-	-	-	-	-	-	-	ND (0.0072)	ND (0.0069)	-	-	-	-	-	-	-
Endosulfan sulfate	200	ND (0.0073)	ND (0.0072)	-	-	-	-	-	-	-	ND (0.0072)	ND (0.0069)	-	-	-	-	-	-	-
Endrin	89	ND (0.0073)	ND (0.0072)	-	-	-	-	-	-	-	ND (0.0072)	ND (0.0069)	-	-	-	-	-	-	-
Endrin aldehyde	NA	ND (0.0073)	ND (0.0072)	-	-	-	-	-	-	-	ND (0.0072)	ND (0.0069)	-	-	-	-	-	-	-
Endrin ketone	NA	ND (0.0073)	ND (0.0072)	-	-	-	-	-	-	-	ND (0.0072)	ND (0.0069)	-	-	-	-	-	-	-
gamma-BHC (Lindane)	9.2	ND (0.0022)	ND (0.0022)	-	-	-	-	-	-	-	ND (0.0021)	ND (0.0021)	-	-	-	-	-	-	-
Heptachlor	15	ND (0.0073)	ND (0.0072)	-	-	-	-	-	-	-	ND (0.0072)	ND (0.0069)	-	-	-	-	-	-	-
Heptachlor epoxide	NA	ND (0.0073)	ND (0.0072)	-	-	-	-	-	-	-	ND (0.0072)	ND (0.0069)	-	-	-	-	-	-	-
Methoxychlor	NA	ND (0.0073)	ND (0.0072)	-	-	-	-	-	-	-	ND (0.0072)	ND (0.0069)	-	-	-	-	-	-	-
Toxaphene	NA	ND (0.073)	ND (0.072)	-	-	-	-	-	-	-	ND (0.072)	ND (0.069)	-	-	-	-	-	-	-

TABLE 13
SUMMARY OF SOIL QUALITY DATA - BERM 48
FORMER PORT MOBIL TERMINAL
STATEN ISLAND, NEW YORK
FILE NO. 0208998

	Criteria																		
Location Name	NY Part 375	48C	48C	48C1	48C1	48C2	48C2	48C3	48C3	48C3	48D	48D	48D1	48D1	48D1	48D2	48D2	48D3	48D3
Sample Name	Commercial	48C_0-3	48C_3-6	48C1_0-1	48C1_3-4	48C2_1-2	48C2_4-5	48C3_1-2	48C3_2-3	48C3_5-6	48D_0-3	48D_3-6	48D1_1-2	48D1_2-3	48D1_4-5	48D2_2-3	48D2_5-6	48D3_3-4	48D3_5-6
Sample Date	Use	10/06/2025	10/06/2025	10/06/2025	10/06/2025	10/06/2025	10/06/2025	10/06/2025	10/06/2025	10/06/2025	10/06/2025	10/06/2025	10/06/2025	10/06/2025	10/06/2025	10/06/2025	10/06/2025	10/06/2025	10/06/2025
Lab Sample ID	Soil Cleanup	460-336556-5	460-336556-6	460-336556-27	460-336556-30	460-336556-28	460-336556-31	460-336556-33	460-336556-29	460-336556-32	460-336556-7	460-336556-8	460-336556-34	460-336556-40	460-336556-37	460-336556-35	460-336556-38	460-336556-36	460-336556-39
Sample Depth (bgs)	Objectives	0 - 3 (ft)	3 - 6 (ft)	0 - 1 (ft)	3 - 4 (ft)	1 - 2 (ft)	4 - 5 (ft)	1 - 2 (ft)	2 - 3 (ft)	5 - 6 (ft)	0 - 3 (ft)	3 - 6 (ft)	1 - 2 (ft)	2 - 3 (ft)	4 - 5 (ft)	2 - 3 (ft)	5 - 6 (ft)	3 - 4 (ft)	5 - 6 (ft)
Polychlorinated Biphenyls (mg/kg)																			
Aroclor-1016 (PCB-1016)	NA	ND (0.073)	ND (0.072)	-	-	-	-	-	-	-	ND (0.072)	ND (0.069)	-	-	-	-	-	-	-
Aroclor-1221 (PCB-1221)	NA	ND (0.073)	ND (0.072)	-	-	-	-	-	-	-	ND (0.072)	ND (0.069)	-	-	-	-	-	-	-
Aroclor-1232 (PCB-1232)	NA	ND (0.073)	ND (0.072)	-	-	-	-	-	-	-	ND (0.072)	ND (0.069)	-	-	-	-	-	-	-
Aroclor-1242 (PCB-1242)	NA	ND (0.073)	ND (0.072)	-	-	-	-	-	-	-	ND (0.072)	ND (0.069)	-	-	-	-	-	-	-
Aroclor-1248 (PCB-1248)	NA	ND (0.073)	ND (0.072)	-	-	-	-	-	-	-	ND (0.072)	ND (0.069)	-	-	-	-	-	-	-
Aroclor-1254 (PCB-1254)	NA	ND (0.073)	ND (0.072)	-	-	-	-	-	-	-	ND (0.072)	ND (0.069)	-	-	-	-	-	-	-
Aroclor-1260 (PCB-1260)	NA	ND (0.073)	ND (0.072)	-	-	-	-	-	-	-	ND (0.072)	ND (0.069)	-	-	-	-	-	-	-
Aroclor-1262 (PCB-1262)	NA	ND (0.073)	ND (0.072)	-	-	-	-	-	-	-	ND (0.072)	ND (0.069)	-	-	-	-	-	-	-
Aroclor-1268 (PCB-1268)	NA	ND (0.073)	ND (0.072)	-	-	-	-	-	-	-	ND (0.072)	ND (0.069)	-	-	-	-	-	-	-
Total PCBs	1	ND (0.073)	ND (0.072)	-	-	-	-	-	-	-	ND (0.072)	ND (0.069)	-	-	-	-	-	-	-
Inorganic Compounds (mg/kg)																			
Aluminum	NA	5390	4370	-	-	-	-	-	-	-	4680	5110	-	-	-	-	-	-	-
Antimony	NA	3.1	1.7	-	-	-	-	-	-	-	2.4	2.5	-	-	-	-	-	-	-
Arsenic	16	8.4	6.4	-	-	-	-	-	-	-	8.2	8.1	-	-	-	-	-	-	-
Barium	400	41.6	42.1	-	-	-	-	-	-	-	25.1	38.8	-	-	-	-	-	-	-
Beryllium	590	0.48	0.41	-	-	-	-	-	-	-	0.38	0.62	-	-	-	-	-	-	-
Cadmium	9.3	0.56 J	0.36 J	-	-	-	-	-	-	-	0.35 J	0.42 J	-	-	-	-	-	-	-
Calcium	NA	1670	30500	-	-	-	-	-	-	-	837	1840	-	-	-	-	-	-	-
Chromium	NA	14.5	13.9	-	-	-	-	-	-	-	10.9	22.4	-	-	-	-	-	-	-
Cobalt	NA	4.7	4.2	-	-	-	-	-	-	-	3.6	6.6	-	-	-	-	-	-	-
Copper	270	48.2	32.6	-	-	-	-	-	-	-	41.3	72.7	-	-	-	-	-	-	-
Iron	NA	19100	15900	-	-	-	-	-	-	-	15000	19200	-	-	-	-	-	-	-
Lead	1000	161	145	-	-	-	-	-	-	-	60.4	101	-	-	-	-	-	-	-
Magnesium	NA	1810	17700	-	-	-	-	-	-	-	1320	1840	-	-	-	-	-	-	-
Manganese	10000	119	548	-	-	-	-	-	-	-	118	137	-	-	-	-	-	-	-
Mercury	2.8	0.044	0.031	-	-	-	-	-	-	-	0.035	0.043	-	-	-	-	-	-	-
Nickel	310	11.4	8.9	-	-	-	-	-	-	-	8.1	20.2	-	-	-	-	-	-	-
Potassium	NA	1130	993	-	-	-	-	-	-	-	978	1150	-	-	-	-	-	-	-
Selenium	1500	0.31 J	0.23 J	-	-	-	-	-	-	-	0.28 J	0.47 J	-	-	-	-	-	-	-
Silver	1500	0.4	0.26 J	-	-	-	-	-	-	-	0.3 J	0.34	-	-	-	-	-	-	-
Sodium	NA	109	85.4	-	-	-	-	-	-	-	ND (81.6)	66.2 J	-	-	-	-	-	-	-
Thallium	NA	0.088 J	0.066 J	-	-	-	-	-	-	-	0.074 J	0.078 J	-	-	-	-	-	-	-
Vanadium	NA	29.4	20.1	-	-	-	-	-	-	-	22.3	24	-	-	-	-	-	-	-
Zinc	10000	96.9	64.4	-	-	-	-	-	-	-	55.3	148	-	-	-	-	-	-	-

ABBREVIATIONS AND NOTES:

mg/kg: milligram per kilogram

**: LCS or LCSD is outside acceptance limits.*
-: Not Analyzed
B: Compound was found in the blank and the associated sample.
bgs: below ground surface
ft: feet
J: Value is estimated.
NA: Not Applicable
ND (2.5): Not detected, number in parentheses is the laboratory reporting limit

- For test methods used, see the laboratory data sheets.
- Soil analytical results are compared to the New York State Department of Environmental Conservation (NYSDEC) Title 6 of the Official Compilation of New York Codes, Rules, and Regulations (NYCRR) Part 375 Commercial Use Soil Cleanup Objectives (SCO).
- Grey shading indicates an exceedance of the Commercial Use Soil Cleanup Objectives.

TABLE 14
SUMMARY OF SOIL QUALITY DATA - BERM 49
FORMER PORT MOBIL TERMINAL
STATEN ISLAND, NEW YORK
FILE NO. 0208998

	Criteria																		
Location Name	NY Part 375	49A	49A	49A1	49A1	49A2	49A2	49A3	49A3	49A4	49B	49B	49B1	49B1	49B2	49B2	49B2	49B3	49B4
Sample Name	Commercial	49A_0-5	49A_5-10	49A1_0-1	49A1_7-8	49A2_2-3	49A2_8-9	49A3_4-5	49A3_9-10	49A4_5-6	49B_0-5	49B_5-10	49B1_1-2	49B1_7-8	49B2_2-3	49B2_8-9	49B2_9-10	49B3_3-4	49B4_5-6
Sample Date	Use	10/07/2025	10/07/2025	10/07/2025	10/07/2025	10/07/2025	10/07/2025	10/07/2025	10/07/2025	10/07/2025	10/07/2025	10/07/2025	10/07/2025	10/07/2025	10/07/2025	10/07/2025	10/07/2025	10/07/2025	10/07/2025
Lab Sample ID	Soil Cleanup	460-336648-19	460-336648-20	460-336648-86	460-336648-90	460-336648-87	460-336648-91	460-336648-88	460-336648-92	460-336648-89	460-336648-21	460-336648-22	460-336648-93	460-336648-97	460-336648-94	460-336648-98	460-336648-99	460-336648-95	460-336648-96
Sample Depth (bgs)	Objectives	0 - 5 (ft)	5 - 10 (ft)	0 - 1 (ft)	7 - 8 (ft)	2 - 3 (ft)	8 - 9 (ft)	4 - 5 (ft)	9 - 10 (ft)	5 - 6 (ft)	0 - 5 (ft)	5 - 10 (ft)	1 - 2 (ft)	7 - 8 (ft)	2 - 3 (ft)	9 - 9 (ft)	10 - 10 (ft)	3 - 4 (ft)	5 - 6 (ft)
Volatile Organic Compounds (mg/kg)																			
1,1,1-Trichloroethane	500	-	-	ND (0.0013)	ND (0.0012)	ND (0.0011)	ND (0.0012)	ND (0.0016)	ND (0.0011)	ND (0.0013)	-	-	ND (0.0016)	ND (0.0017)	ND (0.0012)	ND (0.0012)	ND (0.00093)	ND (0.0008)	ND (0.00057)
1,1,2,2-Tetrachloroethane	NA	-	-	ND (0.0013)	ND (0.0012)	ND (0.0011)	ND (0.0012)	ND (0.0016)	ND (0.0011)	ND (0.0013)	-	-	ND (0.0016)	ND (0.0017)	ND (0.0012)	ND (0.0012)	ND (0.00093)	ND (0.0008)	ND (0.00057)
1,1,2-Trichloroethane	NA	-	-	ND (0.0013)	ND (0.0012)	ND (0.0011)	ND (0.0012)	ND (0.0016)	ND (0.0011)	ND (0.0013)	-	-	ND (0.0016)	ND (0.0017)	ND (0.0012)	ND (0.0012)	ND (0.00093)	ND (0.0008)	ND (0.00057)
1,1-Dichloroethane	240	-	-	ND (0.0013)	ND (0.0012)	ND (0.0011)	ND (0.0012)	ND (0.0016)	ND (0.0011)	ND (0.0013)	-	-	ND (0.0016)	ND (0.0017)	ND (0.0012)	ND (0.0012)	ND (0.00093)	ND (0.0008)	ND (0.00057)
1,1-Dichloroethene	500	-	-	ND (0.0013)	ND (0.0012)	ND (0.0011)	ND (0.0012)	ND (0.0016)	ND (0.0011)	ND (0.0013)	-	-	ND (0.0016)	ND (0.0017)	ND (0.0012)	ND (0.0012)	ND (0.00093)	ND (0.0008)	ND (0.00057)
1,2,3-Trichlorobenzene	NA	-	-	ND (0.0013)	ND (0.0012)	ND (0.0011)	ND (0.0012)	ND (0.0016)	ND (0.0011)	ND (0.0013)	-	-	ND (0.0016)	ND (0.0017)	ND (0.0012)	ND (0.0012)	ND (0.00093)	ND (0.0008)	ND (0.00057)
1,2,4-Trichlorobenzene	NA	-	-	ND (0.0013)	ND (0.0012)	ND (0.0011)	ND (0.0012)	ND (0.0016)	ND (0.0011)	ND (0.0013)	-	-	ND (0.0016)	ND (0.0017)	ND (0.0012)	ND (0.0012)	ND (0.00093)	ND (0.0008)	ND (0.00057)
1,2,4-Trimethylbenzene	190	-	-	ND (0.0013)	ND (0.0012)	ND (0.0011)	ND (0.0012)	ND (0.0016)	ND (0.0011)	ND (0.0013)	-	-	ND (0.0016)	ND (0.0017)	ND (0.0012)	ND (0.0012)	ND (0.00093)	ND (0.0008)	ND (0.00057)
1,2-Dibromo-3-chloropropane (DBCP)	NA	-	-	ND (0.0013)	ND (0.0012)	ND (0.0011)	ND (0.0012)	ND (0.0016)	ND (0.0011)	ND (0.0013)	-	-	ND (0.0016)	ND (0.0017)	ND (0.0012)	ND (0.0012)	ND (0.00093)	ND (0.0008)	ND (0.00057)
1,2-Dibromoethane (Ethylene Dibromide)	NA	-	-	ND (0.0013)	ND (0.0012)	ND (0.0011)	ND (0.0012)	ND (0.0016)	ND (0.0011)	ND (0.0013)	-	-	ND (0.0016)	ND (0.0017)	ND (0.0012)	ND (0.0012)	ND (0.00093)	ND (0.0008)	ND (0.00057)
1,2-Dichlorobenzene	500	-	-	ND (0.0013)	ND (0.0012)	ND (0.0011)	ND (0.0012)	ND (0.0016)	ND (0.0011)	ND (0.0013)	-	-	ND (0.0016)	ND (0.0017)	ND (0.0012)	ND (0.0012)	ND (0.00093)	ND (0.0008)	ND (0.00057)
1,2-Dichloroethane	30	-	-	ND (0.0013)	ND (0.0012)	ND (0.0011)	ND (0.0012)	ND (0.0016)	ND (0.0011)	ND (0.0013)	-	-	ND (0.0016)	ND (0.0017)	ND (0.0012)	ND (0.0012)	ND (0.00093)	ND (0.0008)	ND (0.00057)
1,2-Dichloropropane	NA	-	-	ND (0.0013)	ND (0.0012)	ND (0.0011)	ND (0.0012)	ND (0.0016)	ND (0.0011)	ND (0.0013)	-	-	ND (0.0016)	ND (0.0017)	ND (0.0012)	ND (0.0012)	ND (0.00093)	ND (0.0008)	ND (0.00057)
1,3,5-Trimethylbenzene	190	-	-	ND (0.0013)	ND (0.0012)	ND (0.0011)	ND (0.0012)	ND (0.0016)	ND (0.0011)	ND (0.0013)	-	-	ND (0.0016)	ND (0.0017)	ND (0.0012)	ND (0.0012)	ND (0.00093)	ND (0.0008)	ND (0.00057)
1,3-Dichlorobenzene	280	-	-	ND (0.0013)	ND (0.0012)	ND (0.0011)	ND (0.0012)	ND (0.0016)	ND (0.0011)	ND (0.0013)	-	-	ND (0.0016)	ND (0.0017)	ND (0.0012)	ND (0.0012)	ND (0.00093)	ND (0.0008)	ND (0.00057)
1,4-Dichlorobenzene	130	-	-	ND (0.0013)	ND (0.0012)	ND (0.0011)	ND (0.0012)	ND (0.0016)	ND (0.0011)	ND (0.0013)	-	-	ND (0.0016)	ND (0.0017)	ND (0.0012)	ND (0.0012)	ND (0.00093)	ND (0.0008)	ND (0.00057)
2-Butanone (Methyl Ethyl Ketone)	500	-	-	ND (0.0067)	ND (0.0059)	ND (0.0054)	ND (0.006)	ND (0.0081)	ND (0.0055)	ND (0.0064)	-	-	ND (0.0078)	ND (0.0085)	ND (0.0059)	ND (0.0058)	ND (0.0047)	ND (0.004)	ND (0.0029)
2-Hexanone (Methyl Butyl Ketone)	NA	-	-	ND (0.0067)	ND (0.0059)	ND (0.0054)	ND (0.006)	ND (0.0081)	ND (0.0055)	ND (0.0064)	-	-	ND (0.0078)	ND (0.0085)	ND (0.0059)	ND (0.0058)	ND (0.0047)	ND (0.004)	ND (0.0029)
2-Phenylbutane (sec-Butylbenzene)	500	-	-	ND (0.0013)	ND (0.0012)	ND (0.0011)	ND (0.0012)	ND (0.0016)	ND (0.0011)	ND (0.0013)	-	-	ND (0.0016)	ND (0.0017)	ND (0.0012)	ND (0.0012)	ND (0.00093)	ND (0.0008)	ND (0.00057)
4-Methyl-2-Pentanone (Methyl Isobutyl Ketone)	NA	-	-	ND (0.0067)	ND (0.0059)	ND (0.0054)	ND (0.006)	ND (0.0081)	ND (0.0055)	ND (0.0064)	-	-	ND (0.0078)	ND (0.0085)	ND (0.0059)	ND (0.0058)	ND (0.0047)	ND (0.004)	ND (0.0029)
Acetone	500	-	-	0.047	ND (0.0071)	0.0097	ND (0.0072)	0.02	ND (0.0066)	0.044	-	-	0.035	ND (0.01)	ND (0.0071)	ND (0.0069)	0.0053 J	ND (0.0048)	ND (0.0034)
Benzene	44	-	-	ND (0.0013)	ND (0.0012)	ND (0.0011)	ND (0.0012)	ND (0.0016)	ND (0.0011)	ND (0.0013)	-	-	ND (0.0016)	ND (0.0017)	ND (0.0012)	ND (0.0012)	ND (0.00093)	ND (0.0008)	ND (0.00057)
Bromodichloromethane	NA	-	-	ND (0.0013)	ND (0.0012)	ND (0.0011)	ND (0.0012)	ND (0.0016)	ND (0.0011)	ND (0.0013)	-	-	ND (0.0016)	ND (0.0017)	ND (0.0012)	ND (0.0012)	ND (0.00093)	ND (0.0008)	ND (0.00057)
Bromoform	NA	-	-	ND (0.0013)	ND (0.0012)	ND (0.0011)	ND (0.0012)	ND (0.0016)	ND (0.0011)	ND (0.0013)	-	-	ND (0.0016)	ND (0.0017)	ND (0.0012)	ND (0.0012)	ND (0.00093)	ND (0.0008)	ND (0.00057)
Bromomethane (Methyl Bromide)	NA	-	-	ND (0.0027)	ND (0.0024)	ND (0.0022)	ND (0.0024)	ND (0.0032)	ND (0.0022)	ND (0.0026)	-	-	ND (0.0031)	ND (0.0034)	ND (0.0024)	ND (0.0023)	ND (0.0019)	ND (0.0016)	ND (0.0011)
Carbon disulfide	NA	-	-	ND (0.0013)	ND (0.0012)	ND (0.0011)	ND (0.0012)	ND (0.0016)	ND (0.0011)	ND (0.0013)	-	-	ND (0.0016)	ND (0.0017)	ND (0.0012)	ND (0.0012)	ND (0.00093)	ND (0.0008)	ND (0.00057)
Carbon tetrachloride	22	-	-	ND (0.0013)	ND (0.0012)	ND (0.0011)	ND (0.0012)	ND (0.0016)	ND (0.0011)	ND (0.0013)	-	-	ND (0.0016)	ND (0.0017)	ND (0.0012)	ND (0.0012)	ND (0.00093)	ND (0.0008)	ND (0.00057)
Chlorobenzene	500	-	-	ND (0.0013)	ND (0.0012)	ND (0.0011)	ND (0.0012)	ND (0.0016)	ND (0.0011)	ND (0.0013)	-	-	ND (0.0016)	ND (0.0017)	ND (0.0012)	ND (0.0012)	ND (0.00093)	ND (0.0008)	ND (0.00057)
Chlorobromomethane	NA	-	-	ND (0.0013)	ND (0.0012)	ND (0.0011)	ND (0.0012)	ND (0.0016)	ND (0.0011)	ND (0.0013)	-	-	ND (0.0016)	ND (0.0017)	ND (0.0012)	ND (0.0012)	ND (0.00093)	ND (0.0008)	ND (0.00057)
Chloroethane	NA	-	-	ND (0.0013)	ND (0.0012)	ND (0.0011)	ND (0.0012)	ND (0.0016)	ND (0.0011)	ND (0.0013)	-	-	ND (0.0016)	ND (0.0017)	ND (0.0012)	ND (0.0012)	ND (0.00093)	ND (0.0008)	ND (0.00057)
Chloroform (Trichloromethane)	350	-	-	ND (0.0013)	ND (0.0012)	ND (0.0011)	ND (0.0012)	ND (0.0016)	ND (0.0011)	ND (0.0013)	-	-	ND (0.0016)	ND (0.0017)	ND (0.0012)	ND (0.0012)	ND (0.00093)	ND (0.0008)	ND (0.00057)
Chloromethane (Methyl Chloride)	NA	-	-	ND (0.0013)	ND (0.0012)	ND (0.0011)	ND (0.0012)	ND (0.0016)	ND (0.0011)	ND (0.0013)	-	-	ND (0.0016)	ND (0.0017)	ND (0.0012)	ND (0.0012)	ND (0.00093)	ND (0.0008)	ND (0.00057)
cis-1,2-Dichloroethene	500	-	-	ND (0.0013)	ND (0.0012)	ND (0.0011)	ND (0.0012)	ND (0.0016)	ND (0.0011)	ND (0.0013)	-	-	ND (0.0016)	ND (0.0017)	ND (0.0012)	ND (0.0012)	ND (0.00093)	ND (0.0008)	ND (0.00057)
cis-1,3-Dichloropropene	NA	-	-	ND (0.0013)	ND (0.0012)	ND (0.0011)	ND (0.0012)	ND (0.0016)	ND (0.0011)	ND (0.0013)	-	-	ND (0.0016)	ND (0.0017)	ND (0.0012)	ND (0.0012)	ND (0.00093)	ND (0.0008)	ND (0.00057)
Cyclohexane	NA	-	-	ND (0.0013)	ND (0.0012)	ND (0.0011)	ND (0.0012)	ND (0.0016)	ND (0.0011)	ND (0.0013)	-	-	ND (0.0016)	ND (0.0017)	ND (0.0012)	ND (0.0012)	ND (0.00093)	ND (0.0008)	ND (0.00057)
Dibromochloromethane	NA	-	-	ND (0.0013)	ND (0.0012)	ND (0.0011)	ND (0.0012)	ND (0.0016)	ND (0.0011)	ND (0.0013)	-	-	ND (0.0016)	ND (0.0017)	ND (0.0012)	ND (0.0012)	ND (0.00093)	ND (0.0008)	ND (0.00057)
Dichlorodifluoromethane (CFC-12)	NA	-	-	ND (0.0013)	ND (0.0012)	ND (0.0011)	ND (0.0012)	ND (0.0016)	ND (0.0011)	ND (0.0013)	-	-	ND (0.0016)	ND (0.0017)	ND (0.0012)	ND (0.0012)	ND (0.00093)	ND (0.0008)	ND (0.00057)
Ethylbenzene	390	-	-	ND (0.0013)	ND (0.0012)	ND (0.0011)	ND (0.0012)	ND (0.0016)	ND (0.0011)	ND (0.0013)	-	-	ND (0.0016)	ND (0.0017)	ND (0.0012)	ND (0.0012)	ND (0.00093)	ND (0.0008)	ND (0.00057)
Isopropylbenzene (Cumene)	NA	-	-	ND (0.0013)	ND (0.0012)	ND (0.0011)	ND (0.0012)	ND (0.0016)	ND (0.0011)	ND (0.0013)	-	-	ND (0.0016)	ND (0.0017)	ND (0.0012)	ND (0.0012)	ND (0.00093)	ND (0.0008)	ND (0.00057)
m,p-Xylenes	NA	-	-	ND (0.0013)	ND (0.0012)	ND (0.0011)	ND (0.0012)	ND (0.0016)	ND (0.0011)	ND (0.0013)	-	-	ND (0.0016)	ND (0.0017)	ND (0.0012)	ND (0.0012)	ND (0.00093)	ND (0.0008)	ND (0.00057)
Methyl acetate	NA	-	-	ND (0.0067)	ND (0.0059)	ND (0.0054)	ND (0.006)	ND (0.0081)	ND (0.0055)	ND (0.0064)	-	-	ND (0.0078)	ND (0.0085)	ND (0.0059)	ND (0.0058)	ND (0.0047)	ND (0.004)	ND (0.0029)
Methyl Tert Butyl Ether (MTBE)	500	-	-	ND (0.0013)	ND (0.0012)	ND (0.0011)	ND (0.0012)	ND (0.0016)	ND (0.0011)	ND (0.0013)	-	-	ND (0.0016)	ND (0.0017)	ND (0.0012)	ND (0.0012)	ND (0.00093)	ND (0.0008)	ND (0.00057)
Methylcyclohexane	NA	-	-	ND (0.0013)	ND (0.0012)	ND (0.0011)	ND (0.0012)	ND (0.0016)	ND (0.0011)	ND (0.0013)	-	-	ND (0.0016)	ND (0.0017)	ND (0.0012)	ND (0.0012)	ND (0.00093)	ND (0.0008)	ND (0.00057)
Methylene chloride (Dichloromethane)	500	-	-	ND (0.0027)	ND (0.0024)	ND (0.0022)	0.0017 J	ND (0.0032)	ND (0.0022)	ND (0.0026)	-	-	ND (0.0031)	ND (0.0034)	0.0016 J	ND (0.0023)	ND (0.0019)	0.0011 J	ND (0.0011)
n-Butylbenzene	500	-	-	ND (0.0013)	ND (0.0012)	ND (0.0011)	ND (0.0012)	ND (0.0016)	ND (0.0011)	ND (0.0013)	-	-	ND (0.0016)	ND (0.0017)	ND (0.0012)	ND (0.0012)	ND (0.00093)	ND (0.0008)	ND (0.00057)
n-Propylbenzene	500	-	-	ND (0.0013)	ND (0.0012)	ND (0.0011)	ND (0.0012)	ND (0.0016)	ND (0.0011)	ND (0.0013)	-	-	ND (0.0016)	ND (0.0017)	ND (0.0012)	ND (0.0012)	ND (0.00093)	ND (0.0008)	ND (0.00057)
o-Xylene	NA	-	-	ND (0.0013)	ND (0.0012)	ND (0.0011)	ND (0.0012)	ND (0.0016)	ND (0.0011)	ND (0.0013)	-	-	ND (0.0016)	ND (0.0017)	ND (0.0012)	ND (0.0012)	ND (0.00093)	ND (0.0008)	ND (0.00057)
Styrene	NA	-	-	ND (0.0013)	ND (0.0012)	ND (0.0011)	ND (0.0012)	ND (0.0016)	ND (0.0011)	ND (0.0013)	-	-	ND (0.0016)	ND (0.0017)	ND (0.0012)	ND (0.0012)	ND (0.00093)	ND (0.0008)	ND (0.00057)
tert-Butylbenzene	500	-	-	ND (0.0013)	ND (0.0012)	ND (0.0011)	ND (0.0012)	ND (0.0016)	ND (0.0011)	ND (0.0013)	-	-	ND (0.0016)	ND (0.0017)	ND (0.0012)	ND (0.0012)	ND (0.00093)	ND (0.0008)	ND (0.00057)
Tetrachloroethene	150	-	-	ND (0.0013)	ND (0.0012)	ND (0.0011)	ND (0.0012)	ND (0.0016)	ND (0.0011)	ND (0.0013)	-	-	ND (0.0016)	ND (0.0017)	ND (0.0012)	ND (0.0012)	ND (0.00093)	ND (0.0008)	ND (0.00057)
Toluene	500	-	-	ND (0.0013)	ND (0.0012)	ND (0.0011)	ND (0.0012)	ND (0.0016)	ND (0.0011)	ND (0.0013)	-	-	ND (0.0016)	ND (0.0017)	ND (0.0012)	0.00057 J	0.00039 J	0.00032 J	ND (0.00057)
trans-1,2-Dichloroethene	500	-	-	ND (0.0013)	ND (0.0012)	ND (0.0011)	ND (0.0012)	ND (0.0016)	ND (0.0011)	ND (0.0013)	-	-	ND (0.0016)	ND (0.0017)	ND (0.0012)	ND (0.0012)	ND (0.00093)	ND (0.0008)	ND (0.00057)
trans-1,3-Dichloropropene	NA	-	-	ND (0.0013)	ND (0.0012)	ND (0.0011)	ND (0.0012)	ND (0.0016)	ND (0.0011)	ND (0.0013)	-	-	ND (0.0016)	ND (0.0017)	ND (0.0012)	ND (0.0012)	ND (0.00093)	ND (0.0008)	ND (0.00057)
Trichloroethene	200	-	-	ND (0.0013)	ND (0.0012)	ND (0.0011)	ND (0.0012)	ND (0.0016)	ND (0.0011)	ND (0.0013)	-	-	ND (0.0016)	ND (0.0017)	ND (0.0012)	ND (0.0012)	ND (0.00093)	ND (0.0008)	ND (0.00057)
Trichlorofluoromethane (CFC-11)	NA	-	-	ND (0.0013)	ND (0.0012)	ND (0.0011)	ND (0.0012)	ND (0.0016)	ND (0.0011)	ND (0.0013)	-	-	ND (0.0016)	ND (0.0017)	ND (0.0012)	ND (0.0012)	ND (0.00093)	ND (0.0008)	ND (0.00057)
Trifluorotrichloroethane (Freon 113)	NA	-	-	ND (0.0013)	ND (0.0012)	ND (0.0011)	ND (0.0012)	ND (0.0016)	ND (0.0011)	ND (0.0013)	-	-	ND (0.0016)	ND (0.0017)	ND (0.0012)	ND (0.0012)	ND (0.00093)	ND (0.0008)	ND (0.00057)
Vinyl chloride	13	-	-	ND (0.0013)	ND (0.0012)	ND (0.0011)	ND (0.0012)	ND (0.0016)	ND (0.0011)	ND (0.0013)	-	-	ND (0.0016)	ND (0.0017)	ND (0.0012)	ND (0.0012)	ND (0.00093)	ND (0.0008)	ND (0.00057)
Xylene (Total)	500	-	-	ND (0.0027)	ND (0.0024)	ND (0.0022)	ND (0.0024)	ND (0.0032)	ND (0.0022)	ND (0.0026)	-	-	ND (0.0031)	ND (0.0034)	ND (0.0024)	ND (0.0023)	ND (0.0019)	ND (0.0016)	ND (0.0011)

TABLE 14
SUMMARY OF SOIL QUALITY DATA - BERM 49
FORMER PORT MOBIL TERMINAL
STATEN ISLAND, NEW YORK
FILE NO. 0208998

	Criteria																		
Location Name	NY Part 375	49A	49A	49A1	49A1	49A2	49A2	49A3	49A3	49A4	49B	49B	49B1	49B1	49B2	49B2	49B2	49B3	49B4
Sample Name	Commercial	49A_0-5	49A_5-10	49A1_0-1	49A1_7-8	49A2_2-3	49A2_8-9	49A3_4-5	49A3_9-10	49A4_5-6	49B_0-5	49B_5-10	49B1_1-2	49B1_7-8	49B2_2-3	49B2_8-9	49B2_9-10	49B3_3-4	49B4_5-6
Sample Date	Use	10/07/2025	10/07/2025	10/07/2025	10/07/2025	10/07/2025	10/07/2025	10/07/2025	10/07/2025	10/07/2025	10/07/2025	10/07/2025	10/07/2025	10/07/2025	10/07/2025	10/07/2025	10/07/2025	10/07/2025	10/07/2025
Lab Sample ID	Soil Cleanup	460-336648-19	460-336648-20	460-336648-86	460-336648-90	460-336648-87	460-336648-91	460-336648-88	460-336648-92	460-336648-89	460-336648-21	460-336648-22	460-336648-93	460-336648-97	460-336648-94	460-336648-98	460-336648-99	460-336648-95	460-336648-96
Sample Depth (bgs)	Objectives	0 - 5 (ft)	5 - 10 (ft)	0 - 1 (ft)	7 - 8 (ft)	2 - 3 (ft)	8 - 9 (ft)	4 - 5 (ft)	9 - 10 (ft)	5 - 6 (ft)	0 - 5 (ft)	5 - 10 (ft)	1 - 2 (ft)	7 - 8 (ft)	2 - 3 (ft)	9 - 9 (ft)	10 - 10 (ft)	3 - 4 (ft)	5 - 6 (ft)
Semi-Volatile Organic Compounds (mg/kg)																			
1,2,4,5-Tetrachlorobenzene	NA	ND (0.35)	ND (0.34)	-	-	-	-	-	-	-	ND (0.34)	ND (0.34)	-	-	-	-	-	-	-
1,4-Dioxane	130	ND (0.035)	ND (0.034)	-	-	-	-	-	-	-	ND (0.034)	ND (0.034)	-	-	-	-	-	-	-
2,2'-oxybis(1-Chloropropane)	NA	ND (0.35)	ND (0.34)	-	-	-	-	-	-	-	ND (0.34)	ND (0.34)	-	-	-	-	-	-	-
2,3,4,6-Tetrachlorophenol	NA	ND (0.35)	ND (0.34)	-	-	-	-	-	-	-	ND (0.34)	ND (0.34)	-	-	-	-	-	-	-
2,4,5-Trichlorophenol	NA	ND (0.35)	ND (0.34)	-	-	-	-	-	-	-	ND (0.34)	ND (0.34)	-	-	-	-	-	-	-
2,4,6-Trichlorophenol	NA	ND (0.14)	ND (0.14)	-	-	-	-	-	-	-	ND (0.14)	ND (0.14)	-	-	-	-	-	-	-
2,4-Dichlorophenol	NA	ND (0.14)	ND (0.14)	-	-	-	-	-	-	-	ND (0.14)	ND (0.14)	-	-	-	-	-	-	-
2,4-Dimethylphenol	NA	ND (0.35)	ND (0.34)	-	-	-	-	-	-	-	ND (0.34) *	ND (0.34) *	-	-	-	-	-	-	-
2,4-Dinitrophenol	NA	ND (0.28)	ND (0.27)	-	-	-	-	-	-	-	ND (0.27)	ND (0.27)	-	-	-	-	-	-	-
2,4-Dinitrotoluene	NA	ND (0.071)	ND (0.068)	-	-	-	-	-	-	-	ND (0.069)	ND (0.069)	-	-	-	-	-	-	-
2,6-Dinitrotoluene	NA	ND (0.071)	ND (0.068)	-	-	-	-	-	-	-	ND (0.069)	ND (0.069)	-	-	-	-	-	-	-
2-Chloronaphthalene	NA	ND (0.35)	ND (0.34)	-	-	-	-	-	-	-	ND (0.34)	ND (0.34)	-	-	-	-	-	-	-
2-Chlorophenol	NA	ND (0.35)	ND (0.34)	-	-	-	-	-	-	-	ND (0.34)	ND (0.34)	-	-	-	-	-	-	-
2-Methylnaphthalene	NA	ND (0.35)	ND (0.34)	-	-	-	-	-	-	-	ND (0.34)	ND (0.34)	-	-	-	-	-	-	-
2-Methylphenol (o-Cresol)	500	ND (0.35)	ND (0.34)	-	-	-	-	-	-	-	ND (0.34)	ND (0.34)	-	-	-	-	-	-	-
2-Nitroaniline	NA	ND (0.35)	ND (0.34)	-	-	-	-	-	-	-	ND (0.34)	ND (0.34)	-	-	-	-	-	-	-
2-Nitrophenol	NA	ND (0.35)	ND (0.34)	-	-	-	-	-	-	-	ND (0.34)	ND (0.34)	-	-	-	-	-	-	-
3&4-Methylphenol	NA	ND (0.35)	ND (0.34)	-	-	-	-	-	-	-	ND (0.34)	ND (0.34)	-	-	-	-	-	-	-
3,3'-Dichlorobenzidine	NA	ND (0.14)	ND (0.14)	-	-	-	-	-	-	-	ND (0.14)	ND (0.14)	-	-	-	-	-	-	-
3-Nitroaniline	NA	ND (0.35)	ND (0.34)	-	-	-	-	-	-	-	ND (0.34)	ND (0.34)	-	-	-	-	-	-	-
4,6-Dinitro-2-methylphenol	NA	ND (0.28)	ND (0.27)	-	-	-	-	-	-	-	ND (0.27)	ND (0.27)	-	-	-	-	-	-	-
4-Bromophenyl phenyl ether (BDE-3)	NA	ND (0.35)	ND (0.34)	-	-	-	-	-	-	-	ND (0.34)	ND (0.34)	-	-	-	-	-	-	-
4-Chloro-3-methylphenol	NA	ND (0.35)	ND (0.34)	-	-	-	-	-	-	-	ND (0.34)	ND (0.34)	-	-	-	-	-	-	-
4-Chloroaniline	NA	ND (0.35)	ND (0.34)	-	-	-	-	-	-	-	ND (0.34)	ND (0.34)	-	-	-	-	-	-	-
4-Chlorophenyl phenyl ether	NA	ND (0.35)	ND (0.34)	-	-	-	-	-	-	-	ND (0.34)	ND (0.34)	-	-	-	-	-	-	-
4-Methylphenol	500	ND (0.35)	ND (0.34)	-	-	-	-	-	-	-	ND (0.34)	ND (0.34)	-	-	-	-	-	-	-
4-Nitroaniline	NA	ND (0.35)	ND (0.34)	-	-	-	-	-	-	-	ND (0.34)	ND (0.34)	-	-	-	-	-	-	-
4-Nitrophenol	NA	ND (0.71)	ND (0.68)	-	-	-	-	-	-	-	ND (0.69)	ND (0.69)	-	-	-	-	-	-	-
Acenaphthene	500	ND (0.35)	ND (0.34)	-	-	-	-	-	-	-	ND (0.34)	ND (0.34)	-	-	-	-	-	-	-
Acenaphthylene	500	ND (0.35)	ND (0.34)	-	-	-	-	-	-	-	ND (0.34)	ND (0.34)	-	-	-	-	-	-	-
Acetophenone	NA	ND (0.35)	ND (0.34)	-	-	-	-	-	-	-	ND (0.34)	ND (0.34)	-	-	-	-	-	-	-
Anthracene	500	ND (0.35)	ND (0.34)	-	-	-	-	-	-	-	ND (0.34)	ND (0.34)	-	-	-	-	-	-	-
Atrazine	NA	ND (0.14)	ND (0.14)	-	-	-	-	-	-	-	ND (0.14)	ND (0.14)	-	-	-	-	-	-	-
Benzaldehyde	NA	ND (0.35)	ND (0.34)	-	-	-	-	-	-	-	ND (0.34)	ND (0.34)	-	-	-	-	-	-	-
Benzo(a)anthracene	5.6	ND (0.035)	ND (0.034)	-	-	-	-	-	-	-	ND (0.034)	ND (0.034)	-	-	-	-	-	-	-
Benzo(a)pyrene	1	ND (0.035)	ND (0.034)	-	-	-	-	-	-	-	ND (0.034)	ND (0.034)	-	-	-	-	-	-	-
Benzo(b)fluoranthene	5.6	ND (0.035)	ND (0.034)	-	-	-	-	-	-	-	ND (0.034)	ND (0.034)	-	-	-	-	-	-	-
Benzo(g,h,i)perylene	500	ND (0.35)	ND (0.34)	-	-	-	-	-	-	-	ND (0.34)	ND (0.34)	-	-	-	-	-	-	-
Benzo(k)fluoranthene	56	ND (0.035)	ND (0.034)	-	-	-	-	-	-	-	ND (0.034)	ND (0.034)	-	-	-	-	-	-	-
Biphenyl	NA	ND (0.35)	ND (0.34)	-	-	-	-	-	-	-	ND (0.34)	ND (0.34)	-	-	-	-	-	-	-
bis(2-Chloroethoxy)methane	NA	ND (0.35)	ND (0.34)	-	-	-	-	-	-	-	ND (0.34)	ND (0.34)	-	-	-	-	-	-	-
bis(2-Chloroethyl)ether	NA	ND (0.035)	ND (0.034)	-	-	-	-	-	-	-	ND (0.034)	ND (0.034)	-	-	-	-	-	-	-
bis(2-Ethylhexyl)phthalate	NA	ND (0.35)	ND (0.34)	-	-	-	-	-	-	-	ND (0.34)	ND (0.34)	-	-	-	-	-	-	-
Butyl benzylphthalate (BBP)	NA	ND (0.35)	ND (0.34)	-	-	-	-	-	-	-	ND (0.34)	ND (0.34)	-	-	-	-	-	-	-
Caprolactam	NA	ND (0.35)	ND (0.34)	-	-	-	-	-	-	-	ND (0.34)	ND (0.34)	-	-	-	-	-	-	-
Carbazole	NA	ND (0.35)	ND (0.34)	-	-	-	-	-	-	-	ND (0.34)	ND (0.34)	-	-	-	-	-	-	-
Chrysene	56	ND (0.35)	ND (0.34)	-	-	-	-	-	-	-	ND (0.34)	ND (0.34)	-	-	-	-	-	-	-
Dibenz(a,h)anthracene	0.56	ND (0.035)	ND (0.034)	-	-	-	-	-	-	-	ND (0.034)	ND (0.034)	-	-	-	-	-	-	-
Dibenzofuran	350	ND (0.35)	ND (0.34)	-	-	-	-	-	-	-	ND (0.34)	ND (0.34)	-	-	-	-	-	-	-
Diethyl phthalate	NA	ND (0.35)	ND (0.34)	-	-	-	-	-	-	-	ND (0.34)	ND (0.34)	-	-	-	-	-	-	-
Dimethyl phthalate	NA	ND (0.35)	ND (0.34)	-	-	-	-	-	-	-	ND (0.34)	ND (0.34)	-	-	-	-	-	-	-
Di-n-butylphthalate (DBP)	NA	ND (0.35)	ND (0.34)	-	-	-	-	-	-	-	ND (0.34)	ND (0.34)	-	-	-	-	-	-	-
Di-n-octyl phthalate (DnOP)	NA	ND (0.35)	ND (0.34)	-	-	-	-	-	-	-	ND (0.34)	ND (0.34)	-	-	-	-	-	-	-
Fluoranthene	500	ND (0.35)	ND (0.34)	-	-	-	-	-	-	-	ND (0.34)	ND (0.34)	-	-	-	-	-	-	-
Fluorene	500	ND (0.35)	ND (0.34)	-	-	-	-	-	-	-	ND (0.34)	ND (0.34)	-	-	-	-	-	-	-
Hexachlorobenzene	6	ND (0.035)	ND (0.034)	-	-	-	-	-	-	-	ND (0.034)	ND (0.034)	-	-	-	-	-	-	-
Hexachlorobutadiene	NA	ND (0.071)	ND (0.068)	-	-	-	-	-	-	-	ND (0.069)	ND (0.069)	-	-	-	-	-	-	-
Hexachlorocyclopentadiene	NA	ND (0.35)	ND (0.34)	-	-	-	-	-	-	-	ND (0.34)	ND (0.34)	-	-	-	-	-	-	-
Hexachloroethane	NA	ND (0.035)	ND (0.034)	-	-	-	-	-	-	-	ND (0.034)	ND (0.034)	-	-	-	-	-	-	-
Indeno(1,2,3-cd)pyrene	5.6	ND (0.035)	ND (0.034)	-	-	-	-	-	-	-	ND (0.034)	ND (0.034)	-	-	-	-	-	-	-
Isophorone	NA	ND (0.14)	ND (0.14)	-	-	-	-	-	-	-	ND (0.14)	ND (0.14)	-	-	-	-	-	-	-
Naphthalene	500	ND (0.35)	ND (0.34)	-	-	-	-	-	-	-	ND (0.34)	ND (0.34)	-	-	-	-	-	-	-
Nitrobenzene	NA	ND (0.035)	ND (0.034)	-	-	-	-	-	-	-	ND (0.034)	ND (0.034)	-	-	-	-	-	-	-
N-Nitrosodi-n-propylamine	NA	ND (0.035)	ND (0.034)	-	-	-	-	-	-	-	ND (0.034)	ND (0.034)	-	-	-	-	-	-	-
N-Nitrosodiphenylamine	NA	ND (0.35)	ND (0.34)	-	-	-	-	-	-	-	ND (0.34)	ND (0.34)	-	-	-	-	-	-	-
Pentachlorophenol	6.7	ND (0.28)	ND (0.27)	-	-	-	-	-	-	-	ND (0.27)	ND (0.27)	-	-	-	-	-	-	-
Phenanthrene	500	ND (0.35)	ND (0.34)	-	-	-	-	-	-	-	ND (0.34)	ND (0.34)	-	-	-	-	-	-	-
Phenol	500	ND (0.35)	ND (0.34)	-	-	-	-	-	-	-	ND (0.34)	ND (0.34)	-	-	-	-	-	-	-
Pyrene	500	ND (0.35)	ND (0.34)	-	-	-	-	-	-	-	ND (0.34)	ND (0.34)	-	-	-	-	-	-	-

TABLE 14
SUMMARY OF SOIL QUALITY DATA - BERM 49
FORMER PORT MOBIL TERMINAL
STATEN ISLAND, NEW YORK
FILE NO. 0208998

	Criteria																			
Location Name	NY Part 375	49A	49A	49A1	49A1	49A2	49A2	49A3	49A3	49A4	49B	49B	49B1	49B1	49B2	49B2	49B2	49B3	49B4
Sample Name	Commercial	49A_0-5	49A_5-10	49A1_0-1	49A1_7-8	49A2_2-3	49A2_8-9	49A3_4-5	49A3_9-10	49A4_5-6	49B_0-5	49B_5-10	49B1_1-2	49B1_7-8	49B2_2-3	49B2_8-9	49B2_9-10	49B3_3-4	49B4_5-6
Sample Date	Use	10/07/2025	10/07/2025	10/07/2025	10/07/2025	10/07/2025	10/07/2025	10/07/2025	10/07/2025	10/07/2025	10/07/2025	10/07/2025	10/07/2025	10/07/2025	10/07/2025	10/07/2025	10/07/2025	10/07/2025	10/07/2025
Lab Sample ID	Soil Cleanup	460-336648-19	460-336648-20	460-336648-86	460-336648-90	460-336648-87	460-336648-91	460-336648-88	460-336648-92	460-336648-89	460-336648-21	460-336648-22	460-336648-93	460-336648-97	460-336648-94	460-336648-98	460-336648-99	460-336648-95	460-336648-96
Sample Depth (bgs)	Objectives	0 - 5 (ft)	5 - 10 (ft)	0 - 1 (ft)	7 - 8 (ft)	2 - 3 (ft)	8 - 9 (ft)	4 - 5 (ft)	9 - 10 (ft)	5 - 6 (ft)	0 - 5 (ft)	5 - 10 (ft)	1 - 2 (ft)	7 - 8 (ft)	2 - 3 (ft)	9 - 9 (ft)	10 - 10 (ft)	3 - 4 (ft)	5 - 6 (ft)
PFAS (mg/kg)																			
11-Chloroeicosafluoro-3-Oxaundecane-1-Sulfonic Acid (11Cl-PF3OUdS)	NA	ND (0.0002)	ND (0.0002)	-	-	-	-	-	-	-	ND (0.0002)	ND (0.00019)	-	-	-	-	-	-	-
2H,2H,3H,3H-Perfluorooctanoic acid (5:3 FTCA)	NA	ND (0.001)	ND (0.00098)	-	-	-	-	-	-	-	ND (0.00099)	ND (0.00097)	-	-	-	-	-	-	-
3-(Perfluoroheptyl)propanoic acid (7:3 FTCA)	NA	ND (0.001)	ND (0.00098)	-	-	-	-	-	-	-	0.00049 J	ND (0.00097)	-	-	-	-	-	-	-
3:3 Fluorotelomer carboxylic acid (3:3 FTCA)	NA	ND (0.0004)	ND (0.00039)	-	-	-	-	-	-	-	ND (0.0004)	ND (0.00039)	-	-	-	-	-	-	-
4,8-Dioxa-3H-Perfluorononanoic Acid (ADONA)	NA	ND (0.0002)	ND (0.0002)	-	-	-	-	-	-	-	ND (0.0002)	ND (0.00019)	-	-	-	-	-	-	-
4:2 Fluorotelomer sulfonic acid (4:2 FTS)	NA	ND (0.0004)	ND (0.00039)	-	-	-	-	-	-	-	ND (0.0004)	ND (0.00039)	-	-	-	-	-	-	-
6:2 Fluorotelomer sulfonic acid (6:2 FTS)	NA	ND (0.0004)	ND (0.00039)	-	-	-	-	-	-	-	ND (0.0004)	ND (0.00039)	-	-	-	-	-	-	-
8:2 Fluorotelomer sulfonic acid (8:2 FTS)	NA	ND (0.0004)	ND (0.00039)	-	-	-	-	-	-	-	0.00134	0.00071	-	-	-	-	-	-	-
9-Chlorohexadecafluoro-3-Oxanone-1-Sulfonic Acid (9Cl-PF3ONS)	NA	ND (0.0002)	ND (0.0002)	-	-	-	-	-	-	-	ND (0.0002)	ND (0.00019)	-	-	-	-	-	-	-
N-Ethyl Perfluorooctanesulfonamidoacetic Acid (NEtFOSAA)	NA	ND (0.0002)	ND (0.0002)	-	-	-	-	-	-	-	ND (0.0002)	ND (0.00019)	-	-	-	-	-	-	-
N-Ethylperfluorooctane sulfonamide (N-EtFOSA)	NA	ND (0.0002)	ND (0.0002)	-	-	-	-	-	-	-	ND (0.0002)	ND (0.00019)	-	-	-	-	-	-	-
N-Ethylperfluorooctane sulfonamidoethanol (N-EtFOSE)	NA	ND (0.001)	ND (0.00098)	-	-	-	-	-	-	-	ND (0.00099)	ND (0.00097)	-	-	-	-	-	-	-
N-Methyl Perfluorooctanesulfonamidoacetic Acid (NMeFOSAA)	NA	ND (0.0002)	ND (0.0002)	-	-	-	-	-	-	-	ND (0.0002)	ND (0.00019)	-	-	-	-	-	-	-
N-Methylperfluorooctane sulfonamide (N-MeFOSA)	NA	ND (0.0002)	ND (0.0002)	-	-	-	-	-	-	-	ND (0.0002)	ND (0.00019)	-	-	-	-	-	-	-
N-Methylperfluorooctane sulfonamidoethanol (N-MeFOSE)	NA	ND (0.001)	ND (0.00098)	-	-	-	-	-	-	-	ND (0.00099)	ND (0.00097)	-	-	-	-	-	-	-
Nonafluoro-3,6-dioxaheptanoic acid (NFDHA)	NA	ND (0.0002)	ND (0.0002)	-	-	-	-	-	-	-	ND (0.0002)	ND (0.00019)	-	-	-	-	-	-	-
Perfluoro(2-ethoxyethane) sulphonic acid (PFEESA)	NA	ND (0.0002)	ND (0.0002)	-	-	-	-	-	-	-	ND (0.0002)	ND (0.00019)	-	-	-	-	-	-	-
Perfluoro(4-methoxybutanoic) acid (PFMBA)	NA	ND (0.0002)	ND (0.0002)	-	-	-	-	-	-	-	ND (0.0002)	ND (0.00019)	-	-	-	-	-	-	-
Perfluoro-2-propoxypropanoic acid (PFPrOPrA)(GenX) (HFPO-DA)	NA	ND (0.0002)	ND (0.0002)	-	-	-	-	-	-	-	ND (0.0002)	ND (0.00019)	-	-	-	-	-	-	-
Perfluoro-3-methoxypropanoic acid (PFMPA)	NA	ND (0.0002)	ND (0.0002)	-	-	-	-	-	-	-	ND (0.0002)	ND (0.00019)	-	-	-	-	-	-	-
Perfluorobutanesulfonic acid (PFBS)	NA	ND (0.0002)	ND (0.0002)	-	-	-	-	-	-	-	ND (0.0002)	ND (0.00019)	-	-	-	-	-	-	-
Perfluorobutanoic acid (PFBA)	NA	ND (0.0004)	ND (0.00039)	-	-	-	-	-	-	-	ND (0.0004)	ND (0.00039)	-	-	-	-	-	-	-
Perfluorodecanesulfonic acid (PFDS)	NA	ND (0.0002)	ND (0.0002)	-	-	-	-	-	-	-	ND (0.0002)	ND (0.00019)	-	-	-	-	-	-	-
Perfluorodecanoic acid (PFDA)	NA	0.00042	0.0002	-	-	-	-	-	-	-	0.00113	0.00112	-	-	-	-	-	-	-
Perfluorododecane sulfonic acid (PFDoDS)	NA	ND (0.0002)	ND (0.0002)	-	-	-	-	-	-	-	ND (0.0002)	ND (0.00019)	-	-	-	-	-	-	-
Perfluorododecanoic acid (PFDoDA)	NA	0.00043	0.00055	-	-	-	-	-	-	-	0.00076	0.00081	-	-	-	-	-	-	-
Perfluoroheptanesulfonic acid (PFHpS)	NA	ND (0.0002)	ND (0.0002)	-	-	-	-	-	-	-	ND (0.0002)	ND (0.00019)	-	-	-	-	-	-	-
Perfluoroheptanoic acid (PFHpA)	NA	ND (0.0002)	ND (0.0002)	-	-	-	-	-	-	-	0.00047	0.00024	-	-	-	-	-	-	-
Perfluorohexanesulfonic acid (PFHxS)	NA	ND (0.0002)	ND (0.0002)	-	-	-	-	-	-	-	0.0003	ND (0.00019)	-	-	-	-	-	-	-
Perfluorohexanoic acid (PFHxA)	NA	ND (0.0002)	ND (0.0002)	-	-	-	-	-	-	-	0.00016 J	0.00011 J	-	-	-	-	-	-	-
Perfluorononane sulfonic acid (PFNS)	NA	ND (0.0002)	ND (0.0002)	-	-	-	-	-	-	-	ND (0.0002)	ND (0.00019)	-	-	-	-	-	-	-
Perfluorononanoic acid (PFNA)	NA	0.0002	ND (0.00025)	-	-	-	-	-	-	-	0.00143	0.00094	-	-	-	-	-	-	-
Perfluorooctane sulfonamide (PFOSA)	NA	ND (0.0002)	ND (0.0002)	-	-	-	-	-	-	-	ND (0.0002)	ND (0.00019)	-	-	-	-	-	-	-
Perfluorooctanesulfonic acid (PFOS)	0.44	ND (0.0002)	ND (0.0002)	-	-	-	-	-	-	-	0.00015 J	ND (0.00019)	-	-	-	-	-	-	-
Perfluorooctanoic acid (PFOA)	0.5	ND (0.0002)	ND (0.0002)	-	-	-	-	-	-	-	0.00132	0.00047	-	-	-	-	-	-	-
Perfluoropentanesulfonic acid (PFPeS)	NA	ND (0.0002)	ND (0.0002)	-	-	-	-	-	-	-	ND (0.0002)	ND (0.00019)	-	-	-	-	-	-	-
Perfluoropentanoic acid (PFPeA)	NA	ND (0.0002)	ND (0.0002)	-	-	-	-	-	-	-	0.0001 J	0.000099 J	-	-	-	-	-	-	-
Perfluorotetradecanoic acid (PFTeDA)	NA	ND (0.0002)	0.00023	-	-	-	-	-	-	-	0.00031	0.00034	-	-	-	-	-	-	-
Perfluorotridecanoic acid (PFTrDA)	NA	0.00123	0.00307	-	-	-	-	-	-	-	0.00278	0.00327	-	-	-	-	-	-	-
Perfluoroundecanoic acid (PFUnDA)	NA	0.00213	0.00118	-	-	-	-	-	-	-	0.00185	0.0016	-	-	-	-	-	-	-
Pesticides (mg/kg)																			
4,4'-DDD	92	ND (0.0071)	ND (0.0069)	-	-	-	-	-	-	-	ND (0.0069)	ND (0.0069)	-	-	-	-	-	-	-
4,4'-DDE	62	ND (0.0071)	ND (0.0069)	-	-	-	-	-	-	-	ND (0.0069)	ND (0.0069)	-	-	-	-	-	-	-
4,4'-DDT	47	ND (0.0071)	ND (0.0069)	-	-	-	-	-	-	-	ND (0.0069)	ND (0.0069)	-	-	-	-	-	-	-
Aldrin	0.68	ND (0.0071)	ND (0.0069)	-	-	-	-	-	-	-	ND (0.0069)	ND (0.0069)	-	-	-	-	-	-	-
alpha-BHC	3.4	ND (0.0021)	ND (0.0021)	-	-	-	-	-	-	-	ND (0.0021)	ND (0.0021)	-	-	-	-	-	-	-
alpha-Chlordane (cis)	24	ND (0.0071)	ND (0.0069)	-	-	-	-	-	-	-	ND (0.0069)	ND (0.0069)	-	-	-	-	-	-	-
beta-BHC	3	ND (0.0021)	ND (0.0021)	-	-	-	-	-	-	-	ND (0.0021)	ND (0.0021)	-	-	-	-	-	-	-
Chlordane	NA	ND (0.071)	ND (0.069)	-	-	-	-	-	-	-	ND (0.069)	ND (0.069)	-	-	-	-	-	-	-
delta-BHC	500	ND (0.0021)	ND (0.0021)	-	-	-	-	-	-	-	ND (0.0021)	ND (0.0021)	-	-	-	-	-	-	-
Dieldrin	1.4	ND (0.0021)	ND (0.0021)	-	-	-	-	-	-	-	ND (0.0021)	ND (0.0021)	-	-	-	-	-	-	-
Endosulfan I	200	ND (0.0071)	ND (0.0069)	-	-	-	-	-	-	-	ND (0.0069)	ND (0.0069)	-	-	-	-	-	-	-
Endosulfan II	200	ND (0.0071)	ND (0.0069)	-	-	-	-	-	-	-	ND (0.0069)	ND (0.0069)	-	-	-	-	-	-	-
Endosulfan sulfate	200	ND (0.0071)	ND (0.0069)	-	-	-	-	-	-	-	ND (0.0069)	ND (0.0069)	-	-	-	-	-	-	-
Endrin	89	ND (0.0071)	ND (0.0069)	-	-	-	-	-	-	-	ND (0.0069)	ND (0.0069)	-	-	-	-	-	-	-
Endrin aldehyde	NA	ND (0.0071)	ND (0.0069)	-	-	-	-	-	-	-	ND (0.0069)	ND (0.0069)	-	-	-	-	-	-	-
Endrin ketone	NA	ND (0.0071)	ND (0.0069)	-	-	-	-	-	-	-	ND (0.0069)	ND (0.0069)	-	-	-	-	-	-	-
gamma-BHC (Lindane)	9.2	ND (0.0021)	ND (0.0021)	-	-	-	-	-	-	-	ND (0.0021)	ND (0.0021)	-	-	-	-	-	-	-
Heptachlor	15	ND (0.0071)	ND (0.0069)	-	-	-	-	-	-	-	ND (0.0069)	ND (0.0069)	-	-	-	-	-	-	-
Heptachlor epoxide	NA	ND (0.0071)	ND (0.0069)	-	-	-	-	-	-	-	ND (0.0069)	ND (0.0069)	-	-	-	-	-	-	-
Methoxychlor	NA	ND (0.0071)	ND (0.0069)	-	-	-	-	-	-	-	ND (0.0069)	ND (0.0069)	-	-	-	-	-	-	-
Toxaphene	NA	ND (0.071)	ND (0.069)	-	-	-	-	-	-	-	ND (0.069)	ND (0.069)	-	-	-	-	-	-	-

TABLE 14
SUMMARY OF SOIL QUALITY DATA - BERM 49
FORMER PORT MOBIL TERMINAL
STATEN ISLAND, NEW YORK
FILE NO. 0208998

	Criteria																		
Location Name	NY Part 375	49A	49A	49A1	49A1	49A2	49A2	49A3	49A3	49A4	49B	49B	49B1	49B1	49B2	49B2	49B2	49B3	49B4
Sample Name	Commercial	49A_0-5	49A_5-10	49A1_0-1	49A1_7-8	49A2_2-3	49A2_8-9	49A3_4-5	49A3_9-10	49A4_5-6	49B_0-5	49B_5-10	49B1_1-2	49B1_7-8	49B2_2-3	49B2_8-9	49B2_9-10	49B3_3-4	49B4_5-6
Sample Date	Use	10/07/2025	10/07/2025	10/07/2025	10/07/2025	10/07/2025	10/07/2025	10/07/2025	10/07/2025	10/07/2025	10/07/2025	10/07/2025	10/07/2025	10/07/2025	10/07/2025	10/07/2025	10/07/2025	10/07/2025	10/07/2025
Lab Sample ID	Soil Cleanup	460-336648-19	460-336648-20	460-336648-86	460-336648-90	460-336648-87	460-336648-91	460-336648-88	460-336648-92	460-336648-89	460-336648-21	460-336648-22	460-336648-93	460-336648-97	460-336648-94	460-336648-98	460-336648-99	460-336648-95	460-336648-96
Sample Depth (bgs)	Objectives	0 - 5 (ft)	5 - 10 (ft)	0 - 1 (ft)	7 - 8 (ft)	2 - 3 (ft)	8 - 9 (ft)	4 - 5 (ft)	9 - 10 (ft)	5 - 6 (ft)	0 - 5 (ft)	5 - 10 (ft)	1 - 2 (ft)	7 - 8 (ft)	2 - 3 (ft)	9 - 9 (ft)	10 - 10 (ft)	3 - 4 (ft)	5 - 6 (ft)
Polychlorinated Biphenyls (mg/kg)																			
Aroclor-1016 (PCB-1016)	NA	ND (0.071)	ND (0.069)	-	-	-	-	-	-	-	ND (0.069)	ND (0.069)	-	-	-	-	-	-	-
Aroclor-1221 (PCB-1221)	NA	ND (0.071)	ND (0.069)	-	-	-	-	-	-	-	ND (0.069)	ND (0.069)	-	-	-	-	-	-	-
Aroclor-1232 (PCB-1232)	NA	ND (0.071)	ND (0.069)	-	-	-	-	-	-	-	ND (0.069)	ND (0.069)	-	-	-	-	-	-	-
Aroclor-1242 (PCB-1242)	NA	ND (0.071)	ND (0.069)	-	-	-	-	-	-	-	ND (0.069)	ND (0.069)	-	-	-	-	-	-	-
Aroclor-1248 (PCB-1248)	NA	ND (0.071)	ND (0.069)	-	-	-	-	-	-	-	ND (0.069)	ND (0.069)	-	-	-	-	-	-	-
Aroclor-1254 (PCB-1254)	NA	ND (0.071)	ND (0.069)	-	-	-	-	-	-	-	ND (0.069)	ND (0.069)	-	-	-	-	-	-	-
Aroclor-1260 (PCB-1260)	NA	ND (0.071)	ND (0.069)	-	-	-	-	-	-	-	ND (0.069)	ND (0.069)	-	-	-	-	-	-	-
Aroclor-1262 (PCB-1262)	NA	ND (0.071)	ND (0.069)	-	-	-	-	-	-	-	ND (0.069)	ND (0.069)	-	-	-	-	-	-	-
Aroclor-1268 (PCB-1268)	NA	ND (0.071)	ND (0.069)	-	-	-	-	-	-	-	ND (0.069)	ND (0.069)	-	-	-	-	-	-	-
Total PCBs	1	ND (0.071)	ND (0.069)	-	-	-	-	-	-	-	ND (0.069)	ND (0.069)	-	-	-	-	-	-	-
Inorganic Compounds (mg/kg)																			
Aluminum	NA	5760	4500	-	-	-	-	-	-	-	5060	5780	-	-	-	-	-	-	-
Antimony	NA	2.9	2.2	-	-	-	-	-	-	-	5.5	6.5	-	-	-	-	-	-	-
Arsenic	16	9.7	8.7	-	-	-	-	-	-	-	14.5	14.8	-	-	-	-	-	-	-
Barium	400	27.8	20.8	-	-	-	-	-	-	-	59.8	78.4	-	-	-	-	-	-	-
Beryllium	590	0.5	0.4	-	-	-	-	-	-	-	1.3	1.8	-	-	-	-	-	-	-
Cadmium	9.3	0.16 J	0.16 J	-	-	-	-	-	-	-	0.36 J	0.43 J	-	-	-	-	-	-	-
Calcium	NA	846	889	-	-	-	-	-	-	-	1820	1490	-	-	-	-	-	-	-
Chromium	NA	15.4	44.6	-	-	-	-	-	-	-	40.1	44.3	-	-	-	-	-	-	-
Cobalt	NA	4.6	4.3	-	-	-	-	-	-	-	23.9	30.2	-	-	-	-	-	-	-
Copper	270	45.7	34.6	-	-	-	-	-	-	-	303	379	-	-	-	-	-	-	-
Iron	NA	19900	17800	-	-	-	-	-	-	-	26600	30100	-	-	-	-	-	-	-
Lead	1000	102	89.1	-	-	-	-	-	-	-	361	492	-	-	-	-	-	-	-
Magnesium	NA	1590	1330	-	-	-	-	-	-	-	1310	1140	-	-	-	-	-	-	-
Manganese	10000	137	222	-	-	-	-	-	-	-	129	153	-	-	-	-	-	-	-
Mercury	2.8	0.023	0.018	-	-	-	-	-	-	-	0.029	0.024	-	-	-	-	-	-	-
Nickel	310	15.5	17.8	-	-	-	-	-	-	-	184	239	-	-	-	-	-	-	-
Potassium	NA	1230	1160	-	-	-	-	-	-	-	1190	1190	-	-	-	-	-	-	-
Selenium	1500	0.38 J	0.34 J	-	-	-	-	-	-	-	2.9	2.5	-	-	-	-	-	-	-
Silver	1500	0.36	0.35	-	-	-	-	-	-	-	0.65	0.74	-	-	-	-	-	-	-
Sodium	NA	45.2 J	67.1 J	-	-	-	-	-	-	-	169	215	-	-	-	-	-	-	-
Thallium	NA	0.059 J	0.044 J	-	-	-	-	-	-	-	0.058 J	0.043 J	-	-	-	-	-	-	-
Vanadium	NA	28.2	23.3	-	-	-	-	-	-	-	31	30.3	-	-	-	-	-	-	-
Zinc	10000	111	53.6	-	-	-	-	-	-	-	878	1030	-	-	-	-	-	-	-

ABBREVIATIONS AND NOTES:

mg/kg: milligram per kilogram

**: LCS or LCSD is outside acceptance limits.*
-: Not Analyzed
B: Compound was found in the blank and the associated sample.
bgs: below ground surface
ft: feet
J: Value is estimated.
NA: Not Applicable
ND (2.5): Not detected, number in parentheses is the laboratory reporting limit

- For test methods used, see the laboratory data sheets.
- Soil analytical results are compared to the New York State Department of Environmental Conservation (NYSDEC) Title 6 of the Official Compilation of New York Codes, Rules, and Regulations (NYCRR) Part 375 Commercial Use Soil Cleanup Objectives (SCO).
- Grey shading indicates an exceedance of the Commercial Use Soil Cleanup Objectives.

TABLE 14
SUMMARY OF SOIL QUALITY DATA - BERM 49
FORMER PORT MOBIL TERMINAL
STATEN ISLAND, NEW YORK
FILE NO. 0208998

	Criteria																		
Location Name	NY Part 375	49C	49C	49C1	49C1	49C1	49C2	49C2	49C3	49C3	49D	49D	49D1	49D1	49D1	49D2	49D2	49D3	49D3
Sample Name	Commercial	49C_0-5	49C_5-10	49C1_1-2	49C1_5-6	49C1_9-10	49C2_2-3	49C2_7-8	49C3_3-4	49C3_8-9	49D_0-5	49D_5-10	49D1_1-2	49D1_4-5	49D1_7-8	49D2_2-3	49D2_5-6	49D3_3-4	49D3_6-7
Sample Date	Use	10/08/2025	10/08/2025	10/08/2025	10/08/2025	10/08/2025	10/08/2025	10/08/2025	10/08/2025	10/08/2025	10/08/2025	10/08/2025	10/08/2025	10/08/2025	10/08/2025	10/08/2025	10/08/2025	10/08/2025	10/08/2025
Lab Sample ID	Soil Cleanup	460-336761-1	460-336761-2	460-336761-21	460-336761-24	460-336761-27	460-336761-22	460-336761-25	460-336761-23	460-336761-26	460-336761-3	460-336761-4	460-336761-28	460-336761-31	460-336761-34	460-336761-29	460-336761-32	460-336761-30	460-336761-33
Sample Depth (bgs)	Objectives	0 - 5 (ft)	5 - 10 (ft)	1 - 2 (ft)	5 - 6 (ft)	9 - 10 (ft)	2 - 3 (ft)	7 - 8 (ft)	3 - 4 (ft)	8 - 9 (ft)	0 - 5 (ft)	5 - 10 (ft)	1 - 2 (ft)	4 - 5 (ft)	7 - 8 (ft)	2 - 3 (ft)	5 - 6 (ft)	3 - 4 (ft)	6 - 7 (ft)
Volatile Organic Compounds (mg/kg)																			
1,1,1-Trichloroethane	500	-	-	ND (0.0011)	ND (0.0012)	ND (0.0011)	ND (0.0012)	ND (0.001)	ND (0.0011)	ND (0.001)	-	-	ND (0.001)	ND (0.00082)	ND (0.0014)	ND (0.0011)	ND (0.0017)	ND (0.0011)	ND (0.00099)
1,1,2,2-Tetrachloroethane	NA	-	-	ND (0.0011)	ND (0.0012)	ND (0.0011)	ND (0.0012)	ND (0.001)	ND (0.0011)	ND (0.001)	-	-	ND (0.001)	ND (0.00082)	ND (0.0014)	ND (0.0011)	ND (0.0017)	ND (0.0011)	ND (0.00099)
1,1,2-Trichloroethane	NA	-	-	ND (0.0011)	ND (0.0012)	ND (0.0011)	ND (0.0012)	ND (0.001)	ND (0.0011)	ND (0.001)	-	-	ND (0.001)	ND (0.00082)	ND (0.0014)	ND (0.0011)	ND (0.0017)	ND (0.0011)	ND (0.00099)
1,1-Dichloroethane	240	-	-	ND (0.0011)	ND (0.0012)	ND (0.0011)	ND (0.0012)	ND (0.001)	ND (0.0011)	ND (0.001)	-	-	ND (0.001)	ND (0.00082)	ND (0.0014)	ND (0.0011)	ND (0.0017)	ND (0.0011)	ND (0.00099)
1,1-Dichloroethene	500	-	-	ND (0.0011)	ND (0.0012)	ND (0.0011)	ND (0.0012)	ND (0.001)	ND (0.0011)	ND (0.001)	-	-	ND (0.001)	ND (0.00082)	ND (0.0014)	ND (0.0011)	ND (0.0017)	ND (0.0011)	ND (0.00099)
1,2,3-Trichlorobenzene	NA	-	-	ND (0.0011)	ND (0.0012)	ND (0.0011)	ND (0.0012)	ND (0.001)	ND (0.0011)	ND (0.001)	-	-	ND (0.001)	ND (0.00082)	ND (0.0014)	ND (0.0011)	ND (0.0017)	ND (0.0011)	ND (0.00099)
1,2,4-Trichlorobenzene	NA	-	-	ND (0.0011)	ND (0.0012)	ND (0.0011)	ND (0.0012)	ND (0.001)	ND (0.0011)	ND (0.001)	-	-	ND (0.001)	ND (0.00082)	ND (0.0014)	ND (0.0011)	ND (0.0017)	ND (0.0011)	ND (0.00099)
1,2,4-Trimethylbenzene	190	-	-	ND (0.0011)	ND (0.0012)	ND (0.0011)	ND (0.0012)	ND (0.001)	ND (0.0011)	ND (0.001)	-	-	ND (0.001)	ND (0.00082)	ND (0.0014)	ND (0.0011)	ND (0.0017)	ND (0.0011)	ND (0.00099)
1,2-Dibromo-3-chloropropane (DBCP)	NA	-	-	ND (0.0011)	ND (0.0012)	ND (0.0011)	ND (0.0012)	ND (0.001)	ND (0.0011)	ND (0.001)	-	-	ND (0.001)	ND (0.00082)	ND (0.0014)	ND (0.0011)	ND (0.0017)	ND (0.0011)	ND (0.00099)
1,2-Dibromoethane (Ethylene Dibromide)	NA	-	-	ND (0.0011)	ND (0.0012)	ND (0.0011)	ND (0.0012)	ND (0.001)	ND (0.0011)	ND (0.001)	-	-	ND (0.001)	ND (0.00082)	ND (0.0014)	ND (0.0011)	ND (0.0017)	ND (0.0011)	ND (0.00099)
1,2-Dichlorobenzene	500	-	-	ND (0.0011)	ND (0.0012)	ND (0.0011)	ND (0.0012)	ND (0.001)	ND (0.0011)	ND (0.001)	-	-	ND (0.001)	ND (0.00082)	ND (0.0014)	ND (0.0011)	ND (0.0017)	ND (0.0011)	ND (0.00099)
1,2-Dichloroethane	30	-	-	ND (0.0011)	ND (0.0012)	ND (0.0011)	ND (0.0012)	ND (0.001)	ND (0.0011)	ND (0.001)	-	-	ND (0.001)	ND (0.00082)	ND (0.0014)	ND (0.0011)	ND (0.0017)	ND (0.0011)	ND (0.00099)
1,2-Dichloropropane	NA	-	-	ND (0.0011)	ND (0.0012)	ND (0.0011)	ND (0.0012)	ND (0.001)	ND (0.0011)	ND (0.001)	-	-	ND (0.001)	ND (0.00082)	ND (0.0014)	ND (0.0011)	ND (0.0017)	ND (0.0011)	ND (0.00099)
1,3,5-Trimethylbenzene	190	-	-	ND (0.0011)	ND (0.0012)	ND (0.0011)	ND (0.0012)	ND (0.001)	ND (0.0011)	ND (0.001)	-	-	ND (0.001)	ND (0.00082)	ND (0.0014)	ND (0.0011)	ND (0.0017)	ND (0.0011)	ND (0.00099)
1,3-Dichlorobenzene	280	-	-	ND (0.0011)	ND (0.0012)	ND (0.0011)	ND (0.0012)	ND (0.001)	ND (0.0011)	ND (0.001)	-	-	ND (0.001)	ND (0.00082)	ND (0.0014)	ND (0.0011)	ND (0.0017)	ND (0.0011)	ND (0.00099)
1,4-Dichlorobenzene	130	-	-	ND (0.0011)	ND (0.0012)	ND (0.0011)	ND (0.0012)	ND (0.001)	ND (0.0011)	ND (0.001)	-	-	ND (0.001)	ND (0.00082)	ND (0.0014)	ND (0.0011)	ND (0.0017)	ND (0.0011)	ND (0.00099)
2-Butanone (Methyl Ethyl Ketone)	500	-	-	ND (0.0054)	0.0023 J	ND (0.0056)	ND (0.0061)	ND (0.005)	ND (0.0055)	0.0033 J	-	-	ND (0.0052)	ND (0.0041)	ND (0.0072)	ND (0.0056)	ND (0.0084)	ND (0.0057)	ND (0.0049)
2-Hexanone (Methyl Butyl Ketone)	NA	-	-	ND (0.0054)	ND (0.0058)	ND (0.0056)	ND (0.0061)	ND (0.005)	ND (0.0055)	ND (0.0052)	-	-	ND (0.0052)	ND (0.0041)	ND (0.0072)	ND (0.0056)	ND (0.0084)	ND (0.0057)	ND (0.0049)
2-Phenylbutane (sec-Butylbenzene)	500	-	-	ND (0.0011)	ND (0.0012)	ND (0.0011)	ND (0.0012)	ND (0.001)	ND (0.0011)	ND (0.001)	-	-	ND (0.001)	ND (0.00082)	ND (0.0014)	ND (0.0011)	ND (0.0017)	ND (0.0011)	ND (0.00099)
4-Methyl-2-Pentanone (Methyl Isobutyl Ketone)	NA	-	-	ND (0.0054)	ND (0.0058)	ND (0.0056)	ND (0.0061)	ND (0.005)	ND (0.0055)	ND (0.0052)	-	-	ND (0.0052)	ND (0.0041)	ND (0.0072)	ND (0.0056)	ND (0.0084)	ND (0.0057)	ND (0.0049)
Acetone	500	-	-	ND (0.0065)	0.24	ND (0.0068)	ND (0.0073)	0.042	ND (0.0067)	0.19	-	-	0.055	0.15	0.19	ND (0.0067)	0.074	ND (0.0068)	ND (0.0059)
Benzene	44	-	-	ND (0.0011)	ND (0.0012)	ND (0.0011)	ND (0.0012)	ND (0.001)	ND (0.0011)	ND (0.001)	-	-	ND (0.001)	ND (0.00082)	ND (0.0014)	ND (0.0011)	ND (0.0017)	ND (0.0011)	ND (0.00099)
Bromodichloromethane	NA	-	-	ND (0.0011)	ND (0.0012)	ND (0.0011)	ND (0.0012)	ND (0.001)	ND (0.0011)	ND (0.001)	-	-	ND (0.001)	ND (0.00082)	ND (0.0014)	ND (0.0011)	ND (0.0017)	ND (0.0011)	ND (0.00099)
Bromoform	NA	-	-	ND (0.0011)	ND (0.0012)	ND (0.0011)	ND (0.0012)	ND (0.001)	ND (0.0011)	ND (0.001)	-	-	ND (0.001)	ND (0.00082)	ND (0.0014)	ND (0.0011)	ND (0.0017)	ND (0.0011)	ND (0.00099)
Bromomethane (Methyl Bromide)	NA	-	-	ND (0.0022)	ND (0.0023)	ND (0.0023)	ND (0.0024)	ND (0.002)	ND (0.0022)	ND (0.0021)	-	-	ND (0.0021)	ND (0.0016)	ND (0.0029)	ND (0.0022)	ND (0.0034)	ND (0.0023)	ND (0.002)
Carbon disulfide	NA	-	-	ND (0.0011)	ND (0.0012)	ND (0.0011)	ND (0.0012)	ND (0.001)	ND (0.0011)	ND (0.001)	-	-	ND (0.001)	ND (0.00082)	ND (0.0014)	ND (0.0011)	ND (0.0017)	ND (0.0011)	ND (0.00099)
Carbon tetrachloride	22	-	-	ND (0.0011)	ND (0.0012)	ND (0.0011)	ND (0.0012)	ND (0.001)	ND (0.0011)	ND (0.001)	-	-	ND (0.001)	ND (0.00082)	ND (0.0014)	ND (0.0011)	ND (0.0017)	ND (0.0011)	ND (0.00099)
Chlorobenzene	500	-	-	ND (0.0011)	ND (0.0012)	ND (0.0011)	ND (0.0012)	ND (0.001)	ND (0.0011)	ND (0.001)	-	-	ND (0.001)	ND (0.00082)	ND (0.0014)	ND (0.0011)	ND (0.0017)	ND (0.0011)	ND (0.00099)
Chlorobromomethane	NA	-	-	ND (0.0011)	ND (0.0012)	ND (0.0011)	ND (0.0012)	ND (0.001)	ND (0.0011)	ND (0.001)	-	-	ND (0.001)	ND (0.00082)	ND (0.0014)	ND (0.0011)	ND (0.0017)	ND (0.0011)	ND (0.00099)
Chloroethane	NA	-	-	ND (0.0011)	ND (0.0012)	ND (0.0011)	ND (0.0012)	ND (0.001)	ND (0.0011)	ND (0.001)	-	-	ND (0.001)	ND (0.00082)	ND (0.0014)	ND (0.0011)	ND (0.0017)	ND (0.0011)	ND (0.00099)
Chloroform (Trichloromethane)	350	-	-	ND (0.0011)	ND (0.0012)	ND (0.0011)	ND (0.0012)	ND (0.001)	ND (0.0011)	ND (0.001)	-	-	ND (0.001)	ND (0.00082)	ND (0.0014)	ND (0.0011)	ND (0.0017)	ND (0.0011)	ND (0.00099)
Chloromethane (Methyl Chloride)	NA	-	-	ND (0.0011)	ND (0.0012)	ND (0.0011)	ND (0.0012)	ND (0.001)	ND (0.0011)	ND (0.001)	-	-	ND (0.001)	ND (0.00082)	ND (0.0014)	ND (0.0011)	ND (0.0017)	ND (0.0011)	ND (0.00099)
cis-1,2-Dichloroethene	500	-	-	ND (0.0011)	ND (0.0012)	ND (0.0011)	ND (0.0012)	ND (0.001)	ND (0.0011)	ND (0.001)	-	-	ND (0.001)	ND (0.00082)	ND (0.0014)	ND (0.0011)	ND (0.0017)	ND (0.0011)	ND (0.00099)
cis-1,3-Dichloropropene	NA	-	-	ND (0.0011)	ND (0.0012)	ND (0.0011)	ND (0.0012)	ND (0.001)	ND (0.0011)	ND (0.001)	-	-	ND (0.001)	ND (0.00082)	ND (0.0014)	ND (0.0011)	ND (0.0017)	ND (0.0011)	ND (0.00099)
Cyclohexane	NA	-	-	ND (0.0011)	ND (0.0012)	ND (0.0011)	ND (0.0012)	ND (0.001)	ND (0.0011)	ND (0.001)	-	-	ND (0.001)	ND (0.00082)	ND (0.0014)	ND (0.0011)	ND (0.0017)	ND (0.0011)	ND (0.00099)
Dibromochloromethane	NA	-	-	ND (0.0011)	ND (0.0012)	ND (0.0011)	ND (0.0012)	ND (0.001)	ND (0.0011)	ND (0.001)	-	-	ND (0.001)	ND (0.00082)	ND (0.0014)	ND (0.0011)	ND (0.0017)	ND (0.0011)	ND (0.00099)
Dichlorodifluoromethane (CFC-12)	NA	-	-	ND (0.0011)	ND (0.0012)	ND (0.0011)	ND (0.0012)	ND (0.001)	ND (0.0011)	ND (0.001)	-	-	ND (0.001)	ND (0.00082)	ND (0.0014)	ND (0.0011)	ND (0.0017)	ND (0.0011)	ND (0.00099)
Ethylbenzene	390	-	-	ND (0.0011)	ND (0.0012)	ND (0.0011)	ND (0.0012)	ND (0.001)	ND (0.0011)	ND (0.001)	-	-	ND (0.001)	ND (0.00082)	ND (0.0014)	ND (0.0011)	ND (0.0017)	ND (0.0011)	ND (0.00099)
Isopropylbenzene (Cumene)	NA	-	-	ND (0.0011)	ND (0.0012)	ND (0.0011)	ND (0.0012)	ND (0.001)	ND (0.0011)	ND (0.001)	-	-	ND (0.001)	ND (0.00082)	ND (0.0014)	ND (0.0011)	ND (0.0017)	ND (0.0011)	ND (0.00099)
m,p-Xylenes	NA	-	-	ND (0.0011)	ND (0.0012)	ND (0.0011)	ND (0.0012)	ND (0.001)	ND (0.0011)	ND (0.001)	-	-	ND (0.001)	ND (0.00082)	ND (0.0014)	ND (0.0011)	ND (0.0017)	ND (0.0011)	ND (0.00099)
Methyl acetate	NA	-	-	ND (0.0054)	ND (0.0058)	ND (0.0056)	ND (0.0061)	ND (0.005)	ND (0.0055)	ND (0.0052)	-	-	ND (0.0052)	ND (0.0041)	ND (0.0072)	ND (0.0056)	ND (0.0084)	ND (0.0057)	ND (0.0049)
Methyl Tert Butyl Ether (MTBE)	500	-	-	ND (0.0011)	ND (0.0012)	ND (0.0011)	ND (0.0012)	ND (0.001)	ND (0.0011)	ND (0.001)	-	-	ND (0.001)	ND (0.00082)	ND (0.0014)	ND (0.0011)	ND (0.0017)	ND (0.0011)	ND (0.00099)
Methylcyclohexane	NA	-	-	ND (0.0011)	ND (0.0012)	ND (0.0011)	ND (0.0012)	ND (0.001)	ND (0.0011)	ND (0.001)	-	-	ND (0.001)	ND (0.00082)	ND (0.0014)	ND (0.0011)	ND (0.0017)	ND (0.0011)	ND (0.00099)
Methylene chloride (Dichloromethane)	500	-	-	ND (0.0022)	ND (0.0023)	0.0013 J	ND (0.0024)	ND (0.002)	0.0015 J	ND (0.0021)	-	-	ND (0.0021)	ND (0.0016)	ND (0.0029)	ND (0.0022)	ND (0.0034)	0.0014 J	ND (0.002)
n-Butylbenzene	500	-	-	ND (0.0011)	ND (0.0012)	ND (0.0011)	ND (0.0012)	ND (0.001)	ND (0.0011)	ND (0.001)	-	-	ND (0.001)	ND (0.00082)	ND (0.0014)	ND (0.0011)	ND (0.0017)	ND (0.0011)	ND (0.00099)
n-Propylbenzene	500	-	-	ND (0.0011)	ND (0.0012)	ND (0.0011)	ND (0.0012)	ND (0.001)	ND (0.0011)	ND (0.001)	-	-	ND (0.001)	ND (0.00082)	ND (0.0014)	ND (0.0011)	ND (0.0017)	ND (0.0011)	ND (0.00099)
o-Xylene	NA	-	-	ND (0.0011)	ND (0.0012)	ND (0.0011)	ND (0.0012)	ND (0.001)	ND (0.0011)	ND (0.001)	-	-	ND (0.001)	ND (0.00082)	ND (0.0014)	ND (0.0011)	ND (0.0017)	ND (0.0011)	ND (0.00099)
Styrene	NA	-	-	ND (0.0011)	ND (0.0012)	ND (0.0011)	ND (0.0012)	ND (0.001)	ND (0.0011)	ND (0.001)	-	-	ND (0.001)	ND (0.00082)	ND (0.0014)	ND (0.0011)	ND (0.0017)	ND (0.0011)	ND (0.00099)
tert-Butylbenzene	500	-	-	ND (0.0011)	ND (0.0012)	ND (0.0011)	ND (0.0012)	ND (0.001)	ND (0.0011)	ND (0.001)	-	-	ND (0.001)	ND (0.00082)	ND (0.0014)	ND (0.0011)	ND (0.0017)	ND (0.0011)	ND (0.00099)
Tetrachloroethene	150	-	-	ND (0.0011)	ND (0.0012)	ND (0.0011)	ND (0.0012)	ND (0.001)	ND (0.0011)	ND (0.001)	-	-	ND (0.001)	ND (0.00082)	ND (0.0014)	ND (0.0011)	ND (0.0017)	ND (0.0011)	ND (0.00099)
Toluene	500	-	-	0.00054 J	ND (0.0012)	0.00058 J	ND (0.0012)	0.00046 J	ND (0.0011)	ND (0.001)	-	-	ND (0.001)	ND (0.00082)	ND (0.0014)	0.00059 J	ND (0.0017)	0.00052 J	ND (0.00099)
trans-1,2-Dichloroethene	500	-	-	ND (0.0011)	ND (0.0012)	ND (0.0011)	ND (0.0012)	ND (0.001)	ND (0.0011)	ND (0.001)	-	-	ND (0.001)	ND (0.00082)	ND (0.0014)	ND (0.0011)	ND (0.0017)	ND (0.0011)	ND (0.00099)
trans-1,3-Dichloropropene	NA	-	-	ND (0.0011)	ND (0.0012)	ND (0.0011)	ND (0.0012)	ND (0.001)	ND (0.0011)	ND (0.001)	-	-	ND (0.001)	ND (0.00082)	ND (0.0014)	ND (0.0011)	ND (0.0017)	ND (0.0011)	ND (0.00099)
Trichloroethene	200	-	-	ND (0.0011)	ND (0.0012)	ND (0.0011)	ND (0.0012)	ND (0.001)	ND (0.0011)	ND (0.001)	-	-	ND (0.001)	ND (0.00082)	ND (0.0014)	ND (0.0011)	ND (0.0017)	ND (0.0011)	ND (0.00099)
Trichlorofluoromethane (CFC-11)	NA	-	-	ND (0.0011)	ND (0.0012)	ND (0.0011)	ND (0.0012)	ND (0.001)	ND (0.0011)	ND (0.001)	-	-	ND (0.001)	ND (0.00082)	ND (0.0014)	ND (0.0011)	ND (0.0017)	ND (0.0011)	ND (0.00099)
Trifluorotrichloroethane (Freon 113)	NA	-	-	ND (0.0011)	ND (0.0012)	ND (0.0011)	ND (0.0012)	ND (0.001)	ND (0.0011)	ND (0.001)	-	-	ND (0.001)	ND (0.00082)	ND (0.0014)	ND (0.0011)	ND (0.0017)	ND (0.0011)	ND (0.00099)
Vinyl chloride	13	-	-	ND (0.0011)	ND (0.0012)	ND (0.0011)	ND (0.0012)	ND (0.001)	ND (0.0011)	ND (0.001)	-	-	ND (0.001)	ND (0.00082)	ND (0.0014)	ND (0.0011)	ND (0.0017)	ND (0.0011)	ND (0.00099)
Xylene (Total)	500	-	-	ND (0.0022)	ND (0.0023)	ND (0.0023)	ND (0.0024)	ND (0.002)	ND (0.0022)	ND (0.0021)	-	-	ND (0.0021)	ND (0.0016)	ND (0.0029)	ND (0.0022)	ND (0.0034)	ND (0.0023)	ND (0.002)

TABLE 14
SUMMARY OF SOIL QUALITY DATA - BERM 49
FORMER PORT MOBIL TERMINAL
STATEN ISLAND, NEW YORK
FILE NO. 0208998

Location Name	Criteria	49C	49C	49C1	49C1	49C1	49C2	49C2	49C3	49C3	49D	49D	49D1	49D1	49D1	49D2	49D2	49D3	49D3
Sample Name	NY Part 375 Commercial Use Soil Cleanup Objectives	49C_0-5	49C_5-10	49C1_1-2	49C1_5-6	49C1_9-10	49C2_2-3	49C2_7-8	49C3_3-4	49C3_8-9	49D_0-5	49D_5-10	49D1_1-2	49D1_4-5	49D1_7-8	49D2_2-3	49D2_5-6	49D3_3-4	49D3_6-7
Sample Date		10/08/2025	10/08/2025	10/08/2025	10/08/2025	10/08/2025	10/08/2025	10/08/2025	10/08/2025	10/08/2025	10/08/2025	10/08/2025	10/08/2025	10/08/2025	10/08/2025	10/08/2025	10/08/2025	10/08/2025	10/08/2025
Lab Sample ID		460-336761-1	460-336761-2	460-336761-21	460-336761-24	460-336761-27	460-336761-22	460-336761-25	460-336761-23	460-336761-26	460-336761-3	460-336761-4	460-336761-28	460-336761-31	460-336761-34	460-336761-29	460-336761-32	460-336761-30	460-336761-33
Sample Depth (bgs)		0 - 5 (ft)	5 - 10 (ft)	1 - 2 (ft)	5 - 6 (ft)	9 - 10 (ft)	2 - 3 (ft)	7 - 8 (ft)	3 - 4 (ft)	8 - 9 (ft)	0 - 5 (ft)	5 - 10 (ft)	1 - 2 (ft)	4 - 5 (ft)	7 - 8 (ft)	2 - 3 (ft)	5 - 6 (ft)	3 - 4 (ft)	6 - 7 (ft)
Semi-Volatile Organic Compounds (mg/kg)																			
1,2,4,5-Tetrachlorobenzene	NA	ND (0.36)	ND (0.36)	-	-	-	-	-	-	-	ND (0.36)	ND (0.36)	-	-	-	-	-	-	-
1,4-Dioxane	130	ND (0.036)	ND (0.036)	-	-	-	-	-	-	-	ND (0.036)	ND (0.036)	-	-	-	-	-	-	-
2,2'-oxybis(1-Chloropropane)	NA	ND (0.36)	ND (0.36)	-	-	-	-	-	-	-	ND (0.36)	ND (0.36)	-	-	-	-	-	-	-
2,3,4,6-Tetrachlorophenol	NA	ND (0.36)	ND (0.36)	-	-	-	-	-	-	-	ND (0.36)	ND (0.36)	-	-	-	-	-	-	-
2,4,5-Trichlorophenol	NA	ND (0.36)	ND (0.36)	-	-	-	-	-	-	-	ND (0.36)	ND (0.36)	-	-	-	-	-	-	-
2,4,6-Trichlorophenol	NA	ND (0.14)	ND (0.14)	-	-	-	-	-	-	-	ND (0.15)	ND (0.15)	-	-	-	-	-	-	-
2,4-Dichlorophenol	NA	ND (0.14)	ND (0.14)	-	-	-	-	-	-	-	ND (0.15)	ND (0.15)	-	-	-	-	-	-	-
2,4-Dimethylphenol	NA	ND (0.36)	ND (0.36)	-	-	-	-	-	-	-	ND (0.36)	ND (0.36)	-	-	-	-	-	-	-
2,4-Dinitrophenol	NA	ND (0.29)	ND (0.29)	-	-	-	-	-	-	-	ND (0.29)	ND (0.29)	-	-	-	-	-	-	-
2,4-Dinitrotoluene	NA	ND (0.072)	ND (0.072)	-	-	-	-	-	-	-	ND (0.073)	ND (0.073)	-	-	-	-	-	-	-
2,6-Dinitrotoluene	NA	ND (0.072)	ND (0.072)	-	-	-	-	-	-	-	ND (0.073)	ND (0.073)	-	-	-	-	-	-	-
2-Chloronaphthalene	NA	ND (0.36)	ND (0.36)	-	-	-	-	-	-	-	ND (0.36)	ND (0.36)	-	-	-	-	-	-	-
2-Chlorophenol	NA	ND (0.36)	ND (0.36)	-	-	-	-	-	-	-	ND (0.36)	ND (0.36)	-	-	-	-	-	-	-
2-Methylnaphthalene	NA	ND (0.36)	ND (0.36)	-	-	-	-	-	-	-	ND (0.36)	ND (0.36)	-	-	-	-	-	-	-
2-Methylphenol (o-Cresol)	500	ND (0.36)	ND (0.36)	-	-	-	-	-	-	-	ND (0.36)	ND (0.36)	-	-	-	-	-	-	-
2-Nitroaniline	NA	ND (0.36)	ND (0.36)	-	-	-	-	-	-	-	ND (0.36)	ND (0.36)	-	-	-	-	-	-	-
2-Nitrophenol	NA	ND (0.36)	ND (0.36)	-	-	-	-	-	-	-	ND (0.36)	ND (0.36)	-	-	-	-	-	-	-
3&4-Methylphenol	NA	ND (0.36)	ND (0.36)	-	-	-	-	-	-	-	ND (0.36)	ND (0.36)	-	-	-	-	-	-	-
3,3'-Dichlorobenzidine	NA	ND (0.14)	ND (0.14)	-	-	-	-	-	-	-	ND (0.15)	ND (0.15)	-	-	-	-	-	-	-
3-Nitroaniline	NA	ND (0.36)	ND (0.36)	-	-	-	-	-	-	-	ND (0.36)	ND (0.36)	-	-	-	-	-	-	-
4,6-Dinitro-2-methylphenol	NA	ND (0.29)	ND (0.29)	-	-	-	-	-	-	-	ND (0.29)	ND (0.29)	-	-	-	-	-	-	-
4-Bromophenyl phenyl ether (BDE-3)	NA	ND (0.36)	ND (0.36)	-	-	-	-	-	-	-	ND (0.36)	ND (0.36)	-	-	-	-	-	-	-
4-Chloro-3-methylphenol	NA	ND (0.36)	ND (0.36)	-	-	-	-	-	-	-	ND (0.36)	ND (0.36)	-	-	-	-	-	-	-
4-Chloroaniline	NA	ND (0.36)	ND (0.36)	-	-	-	-	-	-	-	ND (0.36)	ND (0.36)	-	-	-	-	-	-	-
4-Chlorophenyl phenyl ether	NA	ND (0.36)	ND (0.36)	-	-	-	-	-	-	-	ND (0.36)	ND (0.36)	-	-	-	-	-	-	-
4-Methylphenol	500	ND (0.36)	ND (0.36)	-	-	-	-	-	-	-	ND (0.36)	ND (0.36)	-	-	-	-	-	-	-
4-Nitroaniline	NA	ND (0.36)	ND (0.36)	-	-	-	-	-	-	-	ND (0.36)	ND (0.36)	-	-	-	-	-	-	-
4-Nitrophenol	NA	ND (0.72)	ND (0.72)	-	-	-	-	-	-	-	ND (0.73)	ND (0.73)	-	-	-	-	-	-	-
Acenaphthene	500	ND (0.36)	ND (0.36)	-	-	-	-	-	-	-	ND (0.36)	ND (0.36)	-	-	-	-	-	-	-
Acenaphthylene	500	ND (0.36)	ND (0.36)	-	-	-	-	-	-	-	ND (0.36)	ND (0.36)	-	-	-	-	-	-	-
Acetophenone	NA	ND (0.36)	ND (0.36)	-	-	-	-	-	-	-	ND (0.36)	ND (0.36)	-	-	-	-	-	-	-
Anthracene	500	ND (0.36)	ND (0.36)	-	-	-	-	-	-	-	ND (0.36)	ND (0.36)	-	-	-	-	-	-	-
Atrazine	NA	ND (0.14)	ND (0.14)	-	-	-	-	-	-	-	ND (0.15)	ND (0.15)	-	-	-	-	-	-	-
Benzaldehyde	NA	ND (0.36)	ND (0.36)	-	-	-	-	-	-	-	ND (0.36)	ND (0.36)	-	-	-	-	-	-	-
Benzo(a)anthracene	5.6	ND (0.036)	ND (0.036)	-	-	-	-	-	-	-	ND (0.036)	ND (0.036)	-	-	-	-	-	-	-
Benzo(a)pyrene	1	ND (0.036)	ND (0.036)	-	-	-	-	-	-	-	ND (0.036)	ND (0.036)	-	-	-	-	-	-	-
Benzo(b)fluoranthene	5.6	ND (0.036)	ND (0.036)	-	-	-	-	-	-	-	ND (0.036)	0.018 J	-	-	-	-	-	-	-
Benzo(g,h,i)perylene	500	ND (0.36)	ND (0.36)	-	-	-	-	-	-	-	ND (0.36)	ND (0.36)	-	-	-	-	-	-	-
Benzo(k)fluoranthene	56	ND (0.036)	ND (0.036)	-	-	-	-	-	-	-	ND (0.036)	0.0073 J	-	-	-	-	-	-	-
Biphenyl	NA	ND (0.36)	ND (0.36)	-	-	-	-	-	-	-	ND (0.36)	ND (0.36)	-	-	-	-	-	-	-
bis(2-Chloroethoxy)methane	NA	ND (0.36)	ND (0.36)	-	-	-	-	-	-	-	ND (0.36)	ND (0.36)	-	-	-	-	-	-	-
bis(2-Chloroethyl)ether	NA	ND (0.036)	ND (0.036)	-	-	-	-	-	-	-	ND (0.036)	ND (0.036)	-	-	-	-	-	-	-
bis(2-Ethylhexyl)phthalate	NA	ND (0.36)	ND (0.36)	-	-	-	-	-	-	-	ND (0.36)	ND (0.36)	-	-	-	-	-	-	-
Butyl benzylphthalate (BBP)	NA	ND (0.36)	ND (0.36)	-	-	-	-	-	-	-	ND (0.36)	ND (0.36)	-	-	-	-	-	-	-
Caprolactam	NA	ND (0.36)	ND (0.36)	-	-	-	-	-	-	-	ND (0.36)	ND (0.36)	-	-	-	-	-	-	-
Carbazole	NA	ND (0.36)	ND (0.36)	-	-	-	-	-	-	-	ND (0.36)	ND (0.36)	-	-	-	-	-	-	-
Chrysene	56	ND (0.36)	ND (0.36)	-	-	-	-	-	-	-	ND (0.36)	0.023 J	-	-	-	-	-	-	-
Dibenz(a,h)anthracene	0.56	ND (0.036)	ND (0.036)	-	-	-	-	-	-	-	ND (0.036)	ND (0.036)	-	-	-	-	-	-	-
Dibenzofuran	350	ND (0.36)	ND (0.36)	-	-	-	-	-	-	-	ND (0.36)	ND (0.36)	-	-	-	-	-	-	-
Diethyl phthalate	NA	ND (0.36)	ND (0.36)	-	-	-	-	-	-	-	ND (0.36)	ND (0.36)	-	-	-	-	-	-	-
Dimethyl phthalate	NA	ND (0.36)	ND (0.36)	-	-	-	-	-	-	-	ND (0.36)	ND (0.36)	-	-	-	-	-	-	-
Di-n-butylphthalate (DBP)	NA	ND (0.36)	ND (0.36)	-	-	-	-	-	-	-	ND (0.36)	ND (0.36)	-	-	-	-	-	-	-
Di-n-octyl phthalate (DnOP)	NA	ND (0.36)	ND (0.36)	-	-	-	-	-	-	-	ND (0.36)	ND (0.36)	-	-	-	-	-	-	-
Fluoranthene	500	ND (0.36)	ND (0.36)	-	-	-	-	-	-	-	ND (0.36)	0.021 J	-	-	-	-	-	-	-
Fluorene	500	ND (0.36)	ND (0.36)	-	-	-	-	-	-	-	ND (0.36)	ND (0.36)	-	-	-	-	-	-	-
Hexachlorobenzene	6	ND (0.036)	ND (0.036)	-	-	-	-	-	-	-	ND (0.036)	ND (0.036)	-	-	-	-	-	-	-
Hexachlorobutadiene	NA	ND (0.072)	ND (0.072)	-	-	-	-	-	-	-	ND (0.073)	ND (0.073)	-	-	-	-	-	-	-
Hexachlorocyclopentadiene	NA	ND (0.36)	ND (0.36)	-	-	-	-	-	-	-	ND (0.36)	ND (0.36)	-	-	-	-	-	-	-
Hexachloroethane	NA	ND (0.036)	ND (0.036)	-	-	-	-	-	-	-	ND (0.036)	ND (0.036)	-	-	-	-	-	-	-
Indeno(1,2,3-cd)pyrene	5.6	ND (0.036)	ND (0.036)	-	-	-	-	-	-	-	0.022 J	0.023 J	-	-	-	-	-	-	-
Isophorone	NA	ND (0.14)	ND (0.14)	-	-	-	-	-	-	-	ND (0.15)	ND (0.15)	-	-	-	-	-	-	-
Naphthalene	500	ND (0.36)	ND (0.36)	-	-	-	-	-	-	-	ND (0.36)	ND (0.36)	-	-	-	-	-	-	-
Nitrobenzene	NA	ND (0.036)	ND (0.036)	-	-	-	-	-	-	-	ND (0.036)	ND (0.036)	-	-	-	-	-	-	-
N-Nitrosodi-n-propylamine	NA	ND (0.036)	ND (0.036)	-	-	-	-	-	-	-	ND (0.036)	ND (0.036)	-	-	-	-	-	-	-
N-Nitrosodiphenylamine	NA	ND (0.36)	ND (0.36)	-	-	-	-	-	-	-	ND (0.36)	ND (0.36)	-	-	-	-	-	-	-
Pentachlorophenol	6.7	ND (0.29)	ND (0.29)	-	-	-	-	-	-	-	ND (0.29)	ND (0.29)	-	-	-	-	-	-	-
Phenanthrene	500	ND (0.36)	ND (0.36)	-	-	-	-	-	-	-	ND (0.36)	ND (0.36)	-	-	-	-	-	-	-
Phenol	500	ND (0.36)	ND (0.36)	-	-	-	-	-	-	-	ND (0.36)	ND (0.36)	-	-	-	-	-	-	-
Pyrene	500	ND (0.36)	ND (0.36)	-	-	-	-	-	-	-	ND (0.36)	0.018 J	-	-	-	-	-	-	-

TABLE 14
SUMMARY OF SOIL QUALITY DATA - BERM 49
FORMER PORT MOBIL TERMINAL
STATEN ISLAND, NEW YORK
FILE NO. 0208998

	Criteria																		
Location Name	NY Part 375	49C	49C	49C1	49C1	49C1	49C2	49C2	49C3	49C3	49D	49D	49D1	49D1	49D1	49D2	49D2	49D3	49D3
Sample Name	Commercial	49C_0-5	49C_5-10	49C1_1-2	49C1_5-6	49C1_9-10	49C2_2-3	49C2_7-8	49C3_3-4	49C3_8-9	49D_0-5	49D_5-10	49D1_1-2	49D1_4-5	49D1_7-8	49D2_2-3	49D2_5-6	49D3_3-4	49D3_6-7
Sample Date	Use	10/08/2025	10/08/2025	10/08/2025	10/08/2025	10/08/2025	10/08/2025	10/08/2025	10/08/2025	10/08/2025	10/08/2025	10/08/2025	10/08/2025	10/08/2025	10/08/2025	10/08/2025	10/08/2025	10/08/2025	10/08/2025
Lab Sample ID	Soil Cleanup	460-336761-1	460-336761-2	460-336761-21	460-336761-24	460-336761-27	460-336761-22	460-336761-25	460-336761-23	460-336761-26	460-336761-3	460-336761-4	460-336761-28	460-336761-31	460-336761-34	460-336761-29	460-336761-32	460-336761-30	460-336761-33
Sample Depth (bgs)	Objectives	0 - 5 (ft)	5 - 10 (ft)	1 - 2 (ft)	5 - 6 (ft)	9 - 10 (ft)	2 - 3 (ft)	7 - 8 (ft)	3 - 4 (ft)	8 - 9 (ft)	0 - 5 (ft)	5 - 10 (ft)	1 - 2 (ft)	4 - 5 (ft)	7 - 8 (ft)	2 - 3 (ft)	5 - 6 (ft)	3 - 4 (ft)	6 - 7 (ft)
PFAS (mg/kg)																			
11-Chloroeicosafluoro-3-Oxaundecane-1-Sulfonic Acid (11Cl-PF3OUdS)	NA	ND (0.00019)	ND (0.00019)	-	-	-	-	-	-	-	ND (0.0002)	ND (0.00019)	-	-	-	-	-	-	-
2H,2H,3H,3H-Perfluorooctanoic acid (5:3 FTCA)	NA	ND (0.00097)	ND (0.00096)	-	-	-	-	-	-	-	ND (0.001)	ND (0.00095)	-	-	-	-	-	-	-
3-(Perfluoroheptyl)propanoic acid (7:3 FTCA)	NA	ND (0.00097)	ND (0.00096)	-	-	-	-	-	-	-	0.00104	ND (0.00095)	-	-	-	-	-	-	-
3:3 Fluorotelomer carboxylic acid (3:3 FTCA)	NA	ND (0.00039)	ND (0.00038)	-	-	-	-	-	-	-	ND (0.0004)	ND (0.00038)	-	-	-	-	-	-	-
4,8-Dioxa-3H-Perfluorononanoic Acid (ADONA)	NA	ND (0.00019)	ND (0.00019)	-	-	-	-	-	-	-	ND (0.0002)	ND (0.00019)	-	-	-	-	-	-	-
4:2 Fluorotelomer sulfonic acid (4:2 FTS)	NA	ND (0.00039)	ND (0.00038)	-	-	-	-	-	-	-	ND (0.0004)	ND (0.00038)	-	-	-	-	-	-	-
6:2 Fluorotelomer sulfonic acid (6:2 FTS)	NA	ND (0.00039)	ND (0.00038)	-	-	-	-	-	-	-	0.00104	ND (0.00038)	-	-	-	-	-	-	-
8:2 Fluorotelomer sulfonic acid (8:2 FTS)	NA	ND (0.00039)	ND (0.00038)	-	-	-	-	-	-	-	0.192	0.00154	-	-	-	-	-	-	-
9-Chlorohexadecafluoro-3-Oxanone-1-Sulfonic Acid (9Cl-PF3ONS)	NA	ND (0.00019)	ND (0.00019)	-	-	-	-	-	-	-	ND (0.0002)	ND (0.00019)	-	-	-	-	-	-	-
N-Ethyl Perfluorooctanesulfonamidoacetic Acid (NEtFOSAA)	NA	ND (0.00019)	ND (0.00019)	-	-	-	-	-	-	-	ND (0.0002)	ND (0.00019)	-	-	-	-	-	-	-
N-Ethylperfluorooctane sulfonamide (N-EtFOSA)	NA	ND (0.00019)	ND (0.00019)	-	-	-	-	-	-	-	ND (0.0002)	ND (0.00019)	-	-	-	-	-	-	-
N-Ethylperfluorooctane sulfonamidoethanol (N-EtFOSE)	NA	ND (0.00097)	ND (0.00096)	-	-	-	-	-	-	-	ND (0.001)	ND (0.00095)	-	-	-	-	-	-	-
N-Methyl Perfluorooctanesulfonamidoacetic Acid (NMeFOSAA)	NA	ND (0.00019)	ND (0.00019)	-	-	-	-	-	-	-	ND (0.0002)	ND (0.00019)	-	-	-	-	-	-	-
N-Methylperfluorooctane sulfonamide (N-MeFOSA)	NA	ND (0.00019)	ND (0.00019)	-	-	-	-	-	-	-	ND (0.0002)	ND (0.00019)	-	-	-	-	-	-	-
N-Methylperfluorooctane sulfonamidoethanol (N-MeFOSE)	NA	ND (0.00097)	ND (0.00096)	-	-	-	-	-	-	-	ND (0.001)	ND (0.00095)	-	-	-	-	-	-	-
Nonafluoro-3,6-dioxaheptanoic acid (NFDHA)	NA	ND (0.00019)	ND (0.00019)	-	-	-	-	-	-	-	ND (0.0002)	ND (0.00019)	-	-	-	-	-	-	-
Perfluoro(2-ethoxyethane) sulphonic acid (PFEESA)	NA	ND (0.00019)	ND (0.00019)	-	-	-	-	-	-	-	ND (0.0002)	ND (0.00019)	-	-	-	-	-	-	-
Perfluoro(4-methoxybutanoic) acid (PFMBA)	NA	ND (0.00019)	ND (0.00019)	-	-	-	-	-	-	-	ND (0.0002)	ND (0.00019)	-	-	-	-	-	-	-
Perfluoro-2-propoxypropanoic acid (PFPrOPrA)(GenX) (HFPO-DA)	NA	ND (0.00019)	ND (0.00019)	-	-	-	-	-	-	-	ND (0.0002)	ND (0.00019)	-	-	-	-	-	-	-
Perfluoro-3-methoxypropanoic acid (PFMPA)	NA	ND (0.00019)	ND (0.00019)	-	-	-	-	-	-	-	ND (0.0002)	ND (0.00019)	-	-	-	-	-	-	-
Perfluorobutanesulfonic acid (PFBS)	NA	ND (0.00019)	ND (0.00019)	-	-	-	-	-	-	-	ND (0.0002)	ND (0.00019)	-	-	-	-	-	-	-
Perfluorobutanoic acid (PFBA)	NA	ND (0.00039)	ND (0.00038)	-	-	-	-	-	-	-	ND (0.0004)	ND (0.00038)	-	-	-	-	-	-	-
Perfluorodecanesulfonic acid (PFDS)	NA	ND (0.00019)	ND (0.00019)	-	-	-	-	-	-	-	ND (0.0002)	ND (0.00019)	-	-	-	-	-	-	-
Perfluorodecanoic acid (PFDA)	NA	0.0004	0.00014 J	-	-	-	-	-	-	-	0.0045	0.00024	-	-	-	-	-	-	-
Perfluorododecane sulfonic acid (PFDoDS)	NA	ND (0.00019)	ND (0.00019)	-	-	-	-	-	-	-	ND (0.0002)	ND (0.00019)	-	-	-	-	-	-	-
Perfluorododecanoic acid (PFDoDA)	NA	0.00024	0.00034	-	-	-	-	-	-	-	0.00252	0.00034	-	-	-	-	-	-	-
Perfluoroheptanesulfonic acid (PFHpS)	NA	ND (0.00019)	ND (0.00019)	-	-	-	-	-	-	-	ND (0.0002)	ND (0.00019)	-	-	-	-	-	-	-
Perfluoroheptanoic acid (PFHpA)	NA	ND (0.00019)	ND (0.00019)	-	-	-	-	-	-	-	0.00021	ND (0.00019)	-	-	-	-	-	-	-
Perfluorohexanesulfonic acid (PFHxS)	NA	ND (0.00019)	ND (0.00019)	-	-	-	-	-	-	-	ND (0.0002)	ND (0.00019)	-	-	-	-	-	-	-
Perfluorohexanoic acid (PFHxA)	NA	ND (0.00019)	ND (0.00019)	-	-	-	-	-	-	-	ND (0.0002)	ND (0.00019)	-	-	-	-	-	-	-
Perfluorononane sulfonic acid (PFNS)	NA	ND (0.00019)	ND (0.00019)	-	-	-	-	-	-	-	ND (0.0002)	ND (0.00019)	-	-	-	-	-	-	-
Perfluorononanoic acid (PFNA)	NA	0.00021 I	0.00014 J	-	-	-	-	-	-	-	0.00142	0.00016 J	-	-	-	-	-	-	-
Perfluorooctane sulfonamide (PFOSA)	NA	ND (0.00019)	ND (0.00019)	-	-	-	-	-	-	-	ND (0.0002)	ND (0.00019)	-	-	-	-	-	-	-
Perfluorooctanesulfonic acid (PFOS)	0.44	ND (0.00019)	ND (0.00019)	-	-	-	-	-	-	-	ND (0.0002)	ND (0.00019)	-	-	-	-	-	-	-
Perfluorooctanoic acid (PFOA)	0.5	0.000072 J	ND (0.00019)	-	-	-	-	-	-	-	0.00118	0.000096 J	-	-	-	-	-	-	-
Perfluoropentanesulfonic acid (PFPeS)	NA	ND (0.00019)	ND (0.00019)	-	-	-	-	-	-	-	ND (0.0002)	ND (0.00019)	-	-	-	-	-	-	-
Perfluoropentanoic acid (PFPeA)	NA	ND (0.00019)	ND (0.00019)	-	-	-	-	-	-	-	ND (0.0002)	ND (0.00019)	-	-	-	-	-	-	-
Perfluorotetradecanoic acid (PFTeDA)	NA	ND (0.00019)	0.00011 J	-	-	-	-	-	-	-	0.00069	0.00016 J	-	-	-	-	-	-	-
Perfluorotridecanoic acid (PFTrDA)	NA	0.0003	0.0005	-	-	-	-	-	-	-	0.00804	0.00113	-	-	-	-	-	-	-
Perfluoroundecanoic acid (PFUnDA)	NA	0.00061	0.0007	-	-	-	-	-	-	-	0.0148	0.00108	-	-	-	-	-	-	-
Pesticides (mg/kg)																			
4,4'-DDD	92	ND (0.0072)	ND (0.0072)	-	-	-	-	-	-	-	ND (0.0074)	ND (0.0073)	-	-	-	-	-	-	-
4,4'-DDE	62	ND (0.0072)	ND (0.0072)	-	-	-	-	-	-	-	ND (0.0074)	ND (0.0073)	-	-	-	-	-	-	-
4,4'-DDT	47	ND (0.0072)	ND (0.0072)	-	-	-	-	-	-	-	ND (0.0074)	ND (0.0073)	-	-	-	-	-	-	-
Aldrin	0.68	ND (0.0072)	ND (0.0072)	-	-	-	-	-	-	-	ND (0.0074)	ND (0.0073)	-	-	-	-	-	-	-
alpha-BHC	3.4	ND (0.0022)	ND (0.0022)	-	-	-	-	-	-	-	ND (0.0022)	ND (0.0022)	-	-	-	-	-	-	-
alpha-Chlordane (cis)	24	ND (0.0072)	ND (0.0072)	-	-	-	-	-	-	-	ND (0.0074)	ND (0.0073)	-	-	-	-	-	-	-
beta-BHC	3	ND (0.0022)	ND (0.0022)	-	-	-	-	-	-	-	ND (0.0022)	ND (0.0022)	-	-	-	-	-	-	-
Chlordane	NA	ND (0.072)	ND (0.072)	-	-	-	-	-	-	-	ND (0.074)	ND (0.073)	-	-	-	-	-	-	-
delta-BHC	500	ND (0.0022)	ND (0.0022)	-	-	-	-	-	-	-	ND (0.0022)	ND (0.0022)	-	-	-	-	-	-	-
Dieldrin	1.4	ND (0.0022)	ND (0.0022)	-	-	-	-	-	-	-	ND (0.0022)	ND (0.0022)	-	-	-	-	-	-	-
Endosulfan I	200	ND (0.0072)	ND (0.0072)	-	-	-	-	-	-	-	ND (0.0074)	ND (0.0073)	-	-	-	-	-	-	-
Endosulfan II	200	ND (0.0072)	ND (0.0072)	-	-	-	-	-	-	-	ND (0.0074)	ND (0.0073)	-	-	-	-	-	-	-
Endosulfan sulfate	200	ND (0.0072)	ND (0.0072)	-	-	-	-	-	-	-	ND (0.0074)	ND (0.0073)	-	-	-	-	-	-	-
Endrin	89	ND (0.0072)	ND (0.0072)	-	-	-	-	-	-	-	ND (0.0074)	ND (0.0073)	-	-	-	-	-	-	-
Endrin aldehyde	NA	ND (0.0072)	ND (0.0072)	-	-	-	-	-	-	-	ND (0.0074)	ND (0.0073)	-	-	-	-	-	-	-
Endrin ketone	NA	ND (0.0072)	ND (0.0072)	-	-	-	-	-	-	-	ND (0.0074)	ND (0.0073)	-	-	-	-	-	-	-
gamma-BHC (Lindane)	9.2	ND (0.0022)	ND (0.0022)	-	-	-	-	-	-	-	ND (0.0022)	ND (0.0022)	-	-	-	-	-	-	-
Heptachlor	15	ND (0.0072)	ND (0.0072)	-	-	-	-	-	-	-	ND (0.0074)	ND (0.0073)	-	-	-	-	-	-	-
Heptachlor epoxide	NA	ND (0.0072)	ND (0.0072)	-	-	-	-	-	-	-	ND (0.0074)	ND (0.0073)	-	-	-	-	-	-	-
Methoxychlor	NA	ND (0.0072)	ND (0.0072)	-	-	-	-	-	-	-	ND (0.0074)	ND (0.0073)	-	-	-	-	-	-	-
Toxaphene	NA	ND (0.072)	ND (0.072)	-	-	-	-	-	-	-	ND (0.074)	ND (0.073)	-	-	-	-	-	-	-

TABLE 14
SUMMARY OF SOIL QUALITY DATA - BERM 49
FORMER PORT MOBIL TERMINAL
STATEN ISLAND, NEW YORK
FILE NO. 0208998

	Criteria																		
Location Name	NY Part 375	49C	49C	49C1	49C1	49C1	49C2	49C2	49C3	49C3	49D	49D	49D1	49D1	49D1	49D2	49D2	49D3	49D3
Sample Name	Commercial	49C_0-5	49C_5-10	49C1_1-2	49C1_5-6	49C1_9-10	49C2_2-3	49C2_7-8	49C3_3-4	49C3_8-9	49D_0-5	49D_5-10	49D1_1-2	49D1_4-5	49D1_7-8	49D2_2-3	49D2_5-6	49D3_3-4	49D3_6-7
Sample Date	Use	10/08/2025	10/08/2025	10/08/2025	10/08/2025	10/08/2025	10/08/2025	10/08/2025	10/08/2025	10/08/2025	10/08/2025	10/08/2025	10/08/2025	10/08/2025	10/08/2025	10/08/2025	10/08/2025	10/08/2025	10/08/2025
Lab Sample ID	Soil Cleanup	460-336761-1	460-336761-2	460-336761-21	460-336761-24	460-336761-27	460-336761-22	460-336761-25	460-336761-23	460-336761-26	460-336761-3	460-336761-4	460-336761-28	460-336761-31	460-336761-34	460-336761-29	460-336761-32	460-336761-30	460-336761-33
Sample Depth (bgs)	Objectives	0 - 5 (ft)	5 - 10 (ft)	1 - 2 (ft)	5 - 6 (ft)	9 - 10 (ft)	2 - 3 (ft)	7 - 8 (ft)	3 - 4 (ft)	8 - 9 (ft)	0 - 5 (ft)	5 - 10 (ft)	1 - 2 (ft)	4 - 5 (ft)	7 - 8 (ft)	2 - 3 (ft)	5 - 6 (ft)	3 - 4 (ft)	6 - 7 (ft)
Polychlorinated Biphenyls (mg/kg)																			
Aroclor-1016 (PCB-1016)	NA	ND (0.072)	ND (0.072)	-	-	-	-	-	-	-	ND (0.074)	ND (0.073)	-	-	-	-	-	-	-
Aroclor-1221 (PCB-1221)	NA	ND (0.072)	ND (0.072)	-	-	-	-	-	-	-	ND (0.074)	ND (0.073)	-	-	-	-	-	-	-
Aroclor-1232 (PCB-1232)	NA	ND (0.072)	ND (0.072)	-	-	-	-	-	-	-	ND (0.074)	ND (0.073)	-	-	-	-	-	-	-
Aroclor-1242 (PCB-1242)	NA	ND (0.072)	ND (0.072)	-	-	-	-	-	-	-	ND (0.074)	ND (0.073)	-	-	-	-	-	-	-
Aroclor-1248 (PCB-1248)	NA	ND (0.072)	ND (0.072)	-	-	-	-	-	-	-	ND (0.074)	ND (0.073)	-	-	-	-	-	-	-
Aroclor-1254 (PCB-1254)	NA	ND (0.072)	ND (0.072)	-	-	-	-	-	-	-	ND (0.074)	ND (0.073)	-	-	-	-	-	-	-
Aroclor-1260 (PCB-1260)	NA	ND (0.072)	ND (0.072)	-	-	-	-	-	-	-	ND (0.074)	ND (0.073)	-	-	-	-	-	-	-
Aroclor-1262 (PCB-1262)	NA	ND (0.072)	ND (0.072)	-	-	-	-	-	-	-	ND (0.074)	ND (0.073)	-	-	-	-	-	-	-
Aroclor-1268 (PCB-1268)	NA	ND (0.072)	ND (0.072)	-	-	-	-	-	-	-	ND (0.074)	ND (0.073)	-	-	-	-	-	-	-
Total PCBs	1	ND (0.072)	ND (0.072)	-	-	-	-	-	-	-	ND (0.074)	ND (0.073)	-	-	-	-	-	-	-
Inorganic Compounds (mg/kg)																			
Aluminum	NA	3320	4820	-	-	-	-	-	-	-	3790	4800	-	-	-	-	-	-	-
Antimony	NA	1.3	2.9	-	-	-	-	-	-	-	2.2	1.6	-	-	-	-	-	-	-
Arsenic	16	6.7	7.9	-	-	-	-	-	-	-	11.4	8.8	-	-	-	-	-	-	-
Barium	400	21.8	66.4	-	-	-	-	-	-	-	27.9	39.1	-	-	-	-	-	-	-
Beryllium	590	0.57	1.8	-	-	-	-	-	-	-	0.61	0.85	-	-	-	-	-	-	-
Cadmium	9.3	ND (1.1)	0.36 J	-	-	-	-	-	-	-	0.42 J	0.27 J	-	-	-	-	-	-	-
Calcium	NA	513	1460	-	-	-	-	-	-	-	8870	776	-	-	-	-	-	-	-
Chromium	NA	12.7	41.2	-	-	-	-	-	-	-	25.6	22.8	-	-	-	-	-	-	-
Cobalt	NA	8	36.5	-	-	-	-	-	-	-	9	15.3	-	-	-	-	-	-	-
Copper	270	86.4	423	-	-	-	-	-	-	-	110	160	-	-	-	-	-	-	-
Iron	NA	13800	26900	-	-	-	-	-	-	-	16600	19600	-	-	-	-	-	-	-
Lead	1000	89.1	452	-	-	-	-	-	-	-	194	192	-	-	-	-	-	-	-
Magnesium	NA	708	1110	-	-	-	-	-	-	-	5640	1270	-	-	-	-	-	-	-
Manganese	10000	93.2	171	-	-	-	-	-	-	-	160	187	-	-	-	-	-	-	-
Mercury	2.8	0.023	0.016 J	-	-	-	-	-	-	-	0.04	0.025	-	-	-	-	-	-	-
Nickel	310	48.8	281	-	-	-	-	-	-	-	59.9	95.7	-	-	-	-	-	-	-
Potassium	NA	526	689	-	-	-	-	-	-	-	599	751	-	-	-	-	-	-	-
Selenium	1500	0.65 J	2.1	-	-	-	-	-	-	-	0.51 J	1.2 J	-	-	-	-	-	-	-
Silver	1500	0.21 J	0.63	-	-	-	-	-	-	-	0.4	0.4 J	-	-	-	-	-	-	-
Sodium	NA	52.9 J	170	-	-	-	-	-	-	-	52.7 J	94.7 J	-	-	-	-	-	-	-
Thallium	NA	ND (0.43)	0.045 J	-	-	-	-	-	-	-	0.054 J	0.062 J	-	-	-	-	-	-	-
Vanadium	NA	16.7	22.1	-	-	-	-	-	-	-	24.5	21.2	-	-	-	-	-	-	-
Zinc	10000	218	1290	-	-	-	-	-	-	-	273	397	-	-	-	-	-	-	-

ABBREVIATIONS AND NOTES:

mg/kg: milligram per kilogram

**: LCS or LCSD is outside acceptance limits.*
-: Not Analyzed
B: Compound was found in the blank and the associated sample.
bgs: below ground surface
ft: feet
J: Value is estimated.
NA: Not Applicable
ND (2.5): Not detected, number in parentheses is the laboratory reporting limit

- For test methods used, see the laboratory data sheets.
- Soil analytical results are compared to the New York State Department of Environmental Conservation (NYSDEC) Title 6 of the Official Compilation of New York Codes, Rules, and Regulations (NYCRR) Part 375 Commercial Use Soil Cleanup Objectives (SCO).
- Grey shading indicates an exceedance of the Commercial Use Soil Cleanup Objectives.

TABLE 15
SUMMARY OF SOIL QUALITY DATA - BERM 50
FORMER PORT MOBIL TERMINAL
STATEN ISLAND, NEW YORK
FILE NO. 0208998

	Criteria																		
Location Name	NY Part 375	50A	50A	50A1	50A1	50A2	50A2	50A3	50A4	50A4	50B	50B	50B1	50B1	50B1	50B2	50B2	50B3	50B3
Sample Name	Commercial	50A_0-5	50A_5-10	50A1_1-2	50A1_8-9	50A2_2-3	50A2_7-8	50A3_3-4	50A4_5-6	50A4_9-10	50B_0-4	50B_4-8	50B1_1-2	50B1_4-5	50B1_6-7	50B2_3-4	50B2_5-6	50B3_2-3	50B3_7-8
Sample Date	Use	10/09/2025	10/09/2025	10/09/2025	10/09/2025	10/09/2025	10/09/2025	10/09/2025	10/09/2025	10/09/2025	10/09/2025	10/09/2025	10/09/2025	10/09/2025	10/09/2025	10/09/2025	10/09/2025	10/09/2025	10/09/2025
Lab Sample ID	Soil Cleanup	460-336881-1	460-336881-2	460-336881-45	460-336881-49	460-336881-46	460-336881-50	460-336881-47	460-336881-48	460-336881-51	460-336881-3	460-336881-4	460-336881-52	460-336881-55	460-336881-57	460-336881-53	460-336881-56	460-336881-54	460-336881-58
Sample Depth (bgs)	Objectives	0 - 5 (ft)	5 - 10 (ft)	1 - 2 (ft)	8 - 9 (ft)	2 - 3 (ft)	7 - 8 (ft)	3 - 4 (ft)	5 - 6 (ft)	9 - 10 (ft)	0 - 4 (ft)	4 - 8 (ft)	1 - 2 (ft)	4 - 5 (ft)	6 - 7 (ft)	3 - 4 (ft)	5 - 6 (ft)	2 - 3 (ft)	7 - 8 (ft)
Volatile Organic Compounds (mg/kg)																			
1,1,1-Trichloroethane	500	-	-	ND (0.00097)	ND (0.00095)	ND (0.0014)	ND (0.0011)	ND (0.0013)	ND (0.001)	ND (0.0013)	-	-	ND (0.00098)	ND (0.001)	ND (0.0011)	ND (0.001)	ND (0.0012)	ND (0.00093)	ND (0.0011)
1,1,2,2-Tetrachloroethane	NA	-	-	ND (0.00097)	ND (0.00095)	ND (0.0014)	ND (0.0011)	ND (0.0013)	ND (0.001)	ND (0.0013)	-	-	ND (0.00098)	ND (0.001)	ND (0.0011)	ND (0.001)	ND (0.0012)	ND (0.00093)	ND (0.0011)
1,1,2-Trichloroethane	NA	-	-	ND (0.00097)	ND (0.00095)	ND (0.0014)	ND (0.0011)	ND (0.0013)	ND (0.001)	ND (0.0013)	-	-	ND (0.00098)	ND (0.001)	ND (0.0011)	ND (0.001)	ND (0.0012)	ND (0.00093)	ND (0.0011)
1,1-Dichloroethane	240	-	-	ND (0.00097)	ND (0.00095)	ND (0.0014)	ND (0.0011)	ND (0.0013)	ND (0.001)	ND (0.0013)	-	-	ND (0.00098)	ND (0.001)	ND (0.0011)	ND (0.001)	ND (0.0012)	ND (0.00093)	ND (0.0011)
1,1-Dichloroethene	500	-	-	ND (0.00097)	ND (0.00095)	ND (0.0014)	ND (0.0011)	ND (0.0013)	ND (0.001)	ND (0.0013)	-	-	ND (0.00098)	ND (0.001)	ND (0.0011)	ND (0.001)	ND (0.0012)	ND (0.00093)	ND (0.0011)
1,2,3-Trichlorobenzene	NA	-	-	ND (0.00097)	ND (0.00095)	ND (0.0014)	ND (0.0011)	ND (0.0013)	ND (0.001)	ND (0.0013)	-	-	ND (0.00098)	ND (0.001)	ND (0.0011)	ND (0.001)	ND (0.0012)	ND (0.00093)	ND (0.0011)
1,2,4-Trichlorobenzene	NA	-	-	ND (0.00097)	ND (0.00095)	ND (0.0014)	ND (0.0011)	ND (0.0013)	ND (0.001)	ND (0.0013)	-	-	ND (0.00098)	ND (0.001)	ND (0.0011)	ND (0.001)	ND (0.0012)	ND (0.00093)	ND (0.0011)
1,2,4-Trimethylbenzene	190	-	-	ND (0.00097)	ND (0.00095)	ND (0.0014)	ND (0.0011)	ND (0.0013)	ND (0.001)	ND (0.0013)	-	-	ND (0.00098)	ND (0.001)	ND (0.0011)	ND (0.001)	ND (0.0012)	ND (0.00093)	ND (0.0011)
1,2-Dibromo-3-chloropropane (DBCP)	NA	-	-	ND (0.00097)	ND (0.00095)	ND (0.0014)	ND (0.0011)	ND (0.0013)	ND (0.001)	ND (0.0013)	-	-	ND (0.00098)	ND (0.001)	ND (0.0011)	ND (0.001)	ND (0.0012)	ND (0.00093)	ND (0.0011)
1,2-Dibromoethane (Ethylene Dibromide)	NA	-	-	ND (0.00097)	ND (0.00095)	ND (0.0014)	ND (0.0011)	ND (0.0013)	ND (0.001)	ND (0.0013)	-	-	ND (0.00098)	ND (0.001)	ND (0.0011)	ND (0.001)	ND (0.0012)	ND (0.00093)	ND (0.0011)
1,2-Dichlorobenzene	500	-	-	ND (0.00097)	ND (0.00095)	ND (0.0014)	ND (0.0011)	ND (0.0013)	ND (0.001)	ND (0.0013)	-	-	ND (0.00098)	ND (0.001)	ND (0.0011)	ND (0.001)	ND (0.0012)	ND (0.00093)	ND (0.0011)
1,2-Dichloroethane	30	-	-	ND (0.00097)	ND (0.00095)	ND (0.0014)	ND (0.0011)	ND (0.0013)	ND (0.001)	ND (0.0013)	-	-	ND (0.00098)	ND (0.001)	ND (0.0011)	ND (0.001)	ND (0.0012)	ND (0.00093)	ND (0.0011)
1,2-Dichloropropane	NA	-	-	ND (0.00097)	ND (0.00095)	ND (0.0014)	ND (0.0011)	ND (0.0013)	ND (0.001)	ND (0.0013)	-	-	ND (0.00098)	ND (0.001)	ND (0.0011)	ND (0.001)	ND (0.0012)	ND (0.00093)	ND (0.0011)
1,3,5-Trimethylbenzene	190	-	-	ND (0.00097)	ND (0.00095)	ND (0.0014)	ND (0.0011)	ND (0.0013)	ND (0.001)	ND (0.0013)	-	-	ND (0.00098)	ND (0.001)	ND (0.0011)	ND (0.001)	ND (0.0012)	ND (0.00093)	ND (0.0011)
1,3-Dichlorobenzene	280	-	-	ND (0.00097)	ND (0.00095)	ND (0.0014)	ND (0.0011)	ND (0.0013)	ND (0.001)	ND (0.0013)	-	-	ND (0.00098)	ND (0.001)	ND (0.0011)	ND (0.001)	ND (0.0012)	ND (0.00093)	ND (0.0011)
1,4-Dichlorobenzene	130	-	-	ND (0.00097)	ND (0.00095)	ND (0.0014)	ND (0.0011)	ND (0.0013)	ND (0.001)	ND (0.0013)	-	-	ND (0.00098)	ND (0.001)	ND (0.0011)	ND (0.001)	ND (0.0012)	ND (0.00093)	ND (0.0011)
2-Butanone (Methyl Ethyl Ketone)	500	-	-	ND (0.0048)	ND (0.0047)	ND (0.0068)	ND (0.0055)	ND (0.0063)	ND (0.005)	ND (0.0066)	-	-	ND (0.0049)	ND (0.0052)	ND (0.0053)	ND (0.0051)	ND (0.006)	ND (0.0046)	ND (0.0057)
2-Hexanone (Methyl Butyl Ketone)	NA	-	-	ND (0.0048)	ND (0.0047)	ND (0.0068)	ND (0.0055)	ND (0.0063)	ND (0.005)	ND (0.0066)	-	-	ND (0.0049)	ND (0.0052)	ND (0.0053)	ND (0.0051)	ND (0.006)	ND (0.0046)	ND (0.0057)
2-Phenylbutane (sec-Butylbenzene)	500	-	-	ND (0.00097)	ND (0.00095)	ND (0.0014)	ND (0.0011)	ND (0.0013)	ND (0.001)	ND (0.0013)	-	-	ND (0.00098)	ND (0.001)	ND (0.0011)	ND (0.001)	ND (0.0012)	ND (0.00093)	ND (0.0011)
4-Methyl-2-Pentanone (Methyl Isobutyl Ketone)	NA	-	-	ND (0.0048)	ND (0.0047)	ND (0.0068)	ND (0.0055)	ND (0.0063)	ND (0.005)	ND (0.0066)	-	-	ND (0.0049)	ND (0.0052)	ND (0.0053)	ND (0.0051)	ND (0.006)	ND (0.0046)	ND (0.0057)
Acetone	500	-	-	ND (0.0058)	0.011	0.026	0.12	0.073	ND (0.0061)	0.023	-	-	ND (0.0059)	ND (0.0063)	ND (0.0064)	ND (0.0061)	ND (0.0072)	ND (0.0056)	ND (0.0068)
Benzene	44	-	-	ND (0.00097)	ND (0.00095)	ND (0.0014)	ND (0.0011)	ND (0.0013)	ND (0.001)	ND (0.0013)	-	-	ND (0.00098)	ND (0.001)	ND (0.0011)	ND (0.001)	ND (0.0012)	ND (0.00093)	ND (0.0011)
Bromodichloromethane	NA	-	-	ND (0.00097)	ND (0.00095)	ND (0.0014)	ND (0.0011)	ND (0.0013)	ND (0.001)	ND (0.0013)	-	-	ND (0.00098)	ND (0.001)	ND (0.0011)	ND (0.001)	ND (0.0012)	ND (0.00093)	ND (0.0011)
Bromoform	NA	-	-	ND (0.00097)	ND (0.00095)	ND (0.0014)	ND (0.0011)	ND (0.0013)	ND (0.001)	ND (0.0013)	-	-	ND (0.00098)	ND (0.001)	ND (0.0011)	ND (0.001)	ND (0.0012)	ND (0.00093)	ND (0.0011)
Bromomethane (Methyl Bromide)	NA	-	-	ND (0.0019)	ND (0.0019)	ND (0.0027)	ND (0.0022)	ND (0.0025)	ND (0.002)	ND (0.0027)	-	-	ND (0.002)	ND (0.0021)	ND (0.0021)	ND (0.002)	ND (0.0024)	ND (0.0019)	ND (0.0023)
Carbon disulfide	NA	-	-	ND (0.00097)	ND (0.00095)	ND (0.0014)	ND (0.0011)	ND (0.0013)	ND (0.001)	ND (0.0013)	-	-	ND (0.00098)	ND (0.001)	ND (0.0011)	ND (0.001)	ND (0.0012)	ND (0.00093)	ND (0.0011)
Carbon tetrachloride	22	-	-	ND (0.00097)	ND (0.00095)	ND (0.0014)	ND (0.0011)	ND (0.0013)	ND (0.001)	ND (0.0013)	-	-	ND (0.00098)	ND (0.001)	ND (0.0011)	ND (0.001)	ND (0.0012)	ND (0.00093)	ND (0.0011)
Chlorobenzene	500	-	-	ND (0.00097)	ND (0.00095)	ND (0.0014)	ND (0.0011)	ND (0.0013)	ND (0.001)	ND (0.0013)	-	-	ND (0.00098)	ND (0.001)	ND (0.0011)	ND (0.001)	ND (0.0012)	ND (0.00093)	ND (0.0011)
Chlorobromomethane	NA	-	-	ND (0.00097)	ND (0.00095)	ND (0.0014)	ND (0.0011)	ND (0.0013)	ND (0.001)	ND (0.0013)	-	-	ND (0.00098)	ND (0.001)	ND (0.0011)	ND (0.001)	ND (0.0012)	ND (0.00093)	ND (0.0011)
Chloroethane	NA	-	-	ND (0.00097)	ND (0.00095)	ND (0.0014)	ND (0.0011)	ND (0.0013)	ND (0.001)	ND (0.0013)	-	-	ND (0.00098)	ND (0.001)	ND (0.0011)	ND (0.001)	ND (0.0012)	ND (0.00093)	ND (0.0011)
Chloroform (Trichloromethane)	350	-	-	ND (0.00097)	ND (0.00095)	ND (0.0014)	ND (0.0011)	ND (0.0013)	ND (0.001)	ND (0.0013)	-	-	ND (0.00098)	ND (0.001)	ND (0.0011)	ND (0.001)	ND (0.0012)	ND (0.00093)	ND (0.0011)
Chloromethane (Methyl Chloride)	NA	-	-	ND (0.00097)	ND (0.00095)	ND (0.0014)	ND (0.0011)	ND (0.0013)	ND (0.001)	ND (0.0013)	-	-	ND (0.00098)	ND (0.001)	ND (0.0011)	ND (0.001)	ND (0.0012)	ND (0.00093)	ND (0.0011)
cis-1,2-Dichloroethene	500	-	-	ND (0.00097)	ND (0.00095)	ND (0.0014)	ND (0.0011)	ND (0.0013)	ND (0.001)	ND (0.0013)	-	-	ND (0.00098)	ND (0.001)	ND (0.0011)	ND (0.001)	ND (0.0012)	ND (0.00093)	ND (0.0011)
cis-1,3-Dichloropropene	NA	-	-	ND (0.00097)	ND (0.00095)	ND (0.0014)	ND (0.0011)	ND (0.0013)	ND (0.001)	ND (0.0013)	-	-	ND (0.00098)	ND (0.001)	ND (0.0011)	ND (0.001)	ND (0.0012)	ND (0.00093)	ND (0.0011)
Cyclohexane	NA	-	-	ND (0.00097)	ND (0.00095)	ND (0.0014)	ND (0.0011)	ND (0.0013)	ND (0.001)	ND (0.0013)	-	-	ND (0.00098)	ND (0.001)	ND (0.0011)	ND (0.001)	ND (0.0012)	ND (0.00093)	ND (0.0011)
Dibromochloromethane	NA	-	-	ND (0.00097)	ND (0.00095)	ND (0.0014)	ND (0.0011)	ND (0.0013)	ND (0.001)	ND (0.0013)	-	-	ND (0.00098)	ND (0.001)	ND (0.0011)	ND (0.001)	ND (0.0012)	ND (0.00093)	ND (0.0011)
Dichlorodifluoromethane (CFC-12)	NA	-	-	ND (0.00097)	ND (0.00095)	ND (0.0014)	ND (0.0011)	ND (0.0013)	ND (0.001)	ND (0.0013)	-	-	ND (0.00098)	ND (0.001)	ND (0.0011)	ND (0.001)	ND (0.0012)	ND (0.00093)	ND (0.0011)
Ethylbenzene	390	-	-	ND (0.00097)	ND (0.00095)	ND (0.0014)	ND (0.0011)	ND (0.0013)	ND (0.001)	ND (0.0013)	-	-	ND (0.00098)	ND (0.001)	ND (0.0011)	ND (0.001)	ND (0.0012)	ND (0.00093)	ND (0.0011)
Isopropylbenzene (Cumene)	NA	-	-	ND (0.00097)	ND (0.00095)	ND (0.0014)	ND (0.0011)	ND (0.0013)	ND (0.001)	ND (0.0013)	-	-	ND (0.00098)	ND (0.001)	ND (0.0011)	ND (0.001)	ND (0.0012)	ND (0.00093)	ND (0.0011)
m,p-Xylenes	NA	-	-	ND (0.00097)	ND (0.00095)	ND (0.0014)	ND (0.0011)	ND (0.0013)	ND (0.001)	ND (0.0013)	-	-	ND (0.00098)	ND (0.001)	ND (0.0011)	ND (0.001)	ND (0.0012)	ND (0.00093)	ND (0.0011)
Methyl acetate	NA	-	-	ND (0.0048)	ND (0.0047)	ND (0.0068)	ND (0.0055)	ND (0.0063)	ND (0.005)	ND (0.0066)	-	-	ND (0.0049)	ND (0.0052)	ND (0.0053)	ND (0.0051)	ND (0.006)	ND (0.0046)	ND (0.0057)
Methyl Tert Butyl Ether (MTBE)	500	-	-	ND (0.00097)	ND (0.00095)	ND (0.0014)	ND (0.0011)	ND (0.0013)	ND (0.001)	ND (0.0013)	-	-	ND (0.00098)	ND (0.001)	ND (0.0011)	ND (0.001)	ND (0.0012)	ND (0.00093)	ND (0.0011)
Methylcyclohexane	NA	-	-	ND (0.00097)	ND (0.00095)	ND (0.0014)	ND (0.0011)	ND (0.0013)	ND (0.001)	ND (0.0013)	-	-	ND (0.00098)	ND (0.001)	ND (0.0011)	ND (0.001)	ND (0.0012)	ND (0.00093)	ND (0.0011)
Methylene chloride (Dichloromethane)	500	-	-	ND (0.0019)	0.0011 J	ND (0.0027)	ND (0.0022)	ND (0.0025)	ND (0.002)	ND (0.0027)	-	-	0.0011 J	0.0012 J	ND (0.0021)	ND (0.002)	ND (0.0024)	ND (0.0019)	0.0018 J
n-Butylbenzene	500	-	-	ND (0.00097)	ND (0.00095)	ND (0.0014)	ND (0.0011)	ND (0.0013)	ND (0.001)	ND (0.0013)	-	-	ND (0.00098)	ND (0.001)	ND (0.0011)	ND (0.001)	ND (0.0012)	ND (0.00093)	ND (0.0011)
n-Propylbenzene	500	-	-	ND (0.00097)	ND (0.00095)	ND (0.0014)	ND (0.0011)	ND (0.0013)	ND (0.001)	ND (0.0013)	-	-	ND (0.00098)	ND (0.001)	ND (0.0011)	ND (0.001)	ND (0.0012)	ND (0.00093)	ND (0.0011)
o-Xylene	NA	-	-	ND (0.00097)	ND (0.00095)	ND (0.0014)	ND (0.0011)	ND (0.0013)	ND (0.001)	ND (0.0013)	-	-	ND (0.00098)	ND (0.001)	ND (0.0011)	ND (0.001)	ND (0.0012)	ND (0.00093)	ND (0.0011)
Styrene	NA	-	-	ND (0.00097)	ND (0.00095)	ND (0.0014)	ND (0.0011)	ND (0.0013)	ND (0.001)	ND (0.0013)	-	-	ND (0.00098)	ND (0.001)	ND (0.0011)	ND (0.001)	ND (0.0012)	ND (0.00093)	ND (0.0011)
tert-Butylbenzene	500	-	-	ND (0.00097)	ND (0.00095)	ND (0.0014)	ND (0.0011)	ND (0.0013)	ND (0.001)	ND (0.0013)	-	-	ND (0.00098)	ND (0.001)	ND (0.0011)	ND (0.001)	ND (0.0012)	ND (0.00093)	ND (0.0011)
Tetrachloroethene	150	-	-	ND (0.00097)	ND (0.00095)	ND (0.0014)	ND (0.0011)	ND (0.0013)	ND (0.001)	ND (0.0013)	-	-	ND (0.00098)	ND (0.001)	ND (0.0011)	ND (0.001)	ND (0.0012)	ND (0.00093)	ND (0.0011)
Toluene	500	-	-	ND (0.00097)	ND (0.00095)	ND (0.0014)	ND (0.0011)	ND (0.0013)	ND (0.001)	ND (0.0013)	-	-	0.0007 J	0.0004 J	0.00086 J	0.00047 J	0.00083 J	ND (0.00093)	ND (0.0011)
trans-1,2-Dichloroethene	500	-	-	ND (0.00097)	ND (0.00095)	ND (0.0014)	ND (0.0011)	ND (0.0013)	ND (0.001)	ND (0.0013)	-	-	ND (0.00098)	ND (0.001)	ND (0.0011)	ND (0.001)	ND (0.0012)	ND (0.00093)	ND (0.0011)
trans-1,3-Dichloropropene	NA	-	-	ND (0.00097)	ND (0.00095)	ND (0.0014)	ND (0.0011)	ND (0.0013)	ND (0.001)	ND (0.0013)	-	-	ND (0.00098)	ND (0.001)	ND (0.0011)	ND (0.001)	ND (0.0012)	ND (0.00093)	ND (0.0011)
Trichloroethene	200	-	-	ND (0.00097)	ND (0.00095)	ND (0.0014)	ND (0.0011)	ND (0.0013)	ND (0.001)	ND (0.0013)	-	-	ND (0.00098)	ND (0.001)	ND (0.0011)	ND (0.001)	ND (0.0012)	ND (0.00093)	ND (0.0011)
Trichlorofluoromethane (CFC-11)	NA	-	-	ND (0.00097)	ND (0.00095)	ND (0.0014)	ND (0.0011)	ND (0.0013)	ND (0.001)	ND (0.0013)	-	-	ND (0.00098)	ND (0.001)	ND (0.0011)	ND (0.001)	ND (0.0012)	ND (0.00093)	ND (0.0011)
Trifluorotrichloroethane (Freon 113)	NA	-	-	ND (0.00097)	ND (0.00095)	ND (0.0014)	ND (0.0011)	ND (0.0013)	ND (0.001)	ND (0.0013)	-	-	ND (0.00098)	ND (0.001)	ND (0.0011)	ND (0.001)	ND (0.0012)	ND (0.00093)	ND (0.0011)
Vinyl chloride	13	-	-	ND (0.00097)	ND (0.00095)	ND (0.0014)	ND (0.0011)	ND (0.0013)	ND (0.001)	ND (0.0013)	-	-	ND (0.00098)	ND (0.001)	ND (0.0011)	ND (0.001)	ND (0.0012)	ND (0.00093)	ND (0.0011)
Xylene (Total)	500	-	-	ND (0.0019)	ND (0.0019)	ND (0.0027)	ND (0.0022)	ND (0.0025)	ND (0.002)	ND (0.0027)	-	-	ND (0.002)	ND (0.0021)	ND (0.0021)	ND (0.002)	ND (0.0024)	ND (0.0019)	ND (0.0023)

TABLE 15
SUMMARY OF SOIL QUALITY DATA - BERM 50
FORMER PORT MOBIL TERMINAL
STATEN ISLAND, NEW YORK
FILE NO. 0208998

	Criteria																		
Location Name	NY Part 375	50A	50A	50A1	50A1	50A2	50A2	50A3	50A4	50A4	50B	50B	50B1	50B1	50B1	50B2	50B2	50B3	50B3
Sample Name	Commercial	50A_0-5	50A_5-10	50A1_1-2	50A1_8-9	50A2_2-3	50A2_7-8	50A3_3-4	50A4_5-6	50A4_9-10	50B_0-4	50B_4-8	50B1_1-2	50B1_4-5	50B1_6-7	50B2_3-4	50B2_5-6	50B3_2-3	50B3_7-8
Sample Date	Use	10/09/2025	10/09/2025	10/09/2025	10/09/2025	10/09/2025	10/09/2025	10/09/2025	10/09/2025	10/09/2025	10/09/2025	10/09/2025	10/09/2025	10/09/2025	10/09/2025	10/09/2025	10/09/2025	10/09/2025	10/09/2025
Lab Sample ID	Soil Cleanup	460-336881-1	460-336881-2	460-336881-45	460-336881-49	460-336881-46	460-336881-50	460-336881-47	460-336881-48	460-336881-51	460-336881-3	460-336881-4	460-336881-52	460-336881-55	460-336881-57	460-336881-53	460-336881-56	460-336881-54	460-336881-58
Sample Depth (bgs)	Objectives	0 - 5 (ft)	5 - 10 (ft)	1 - 2 (ft)	8 - 9 (ft)	2 - 3 (ft)	7 - 8 (ft)	3 - 4 (ft)	5 - 6 (ft)	9 - 10 (ft)	0 - 4 (ft)	4 - 8 (ft)	1 - 2 (ft)	4 - 5 (ft)	6 - 7 (ft)	3 - 4 (ft)	5 - 6 (ft)	2 - 3 (ft)	7 - 8 (ft)
Semi-Volatile Organic Compounds (mg/kg)																			
1,2,4,5-Tetrachlorobenzene	NA	ND (0.34)	ND (0.35)	-	-	-	-	-	-	-	ND (0.35)	ND (0.35)	-	-	-	-	-	-	-
1,4-Dioxane	130	ND (0.034)	ND (0.035)	-	-	-	-	-	-	-	ND (0.035)	ND (0.035)	-	-	-	-	-	-	-
2,2'-oxybis(1-Chloropropane)	NA	ND (0.34)	ND (0.35)	-	-	-	-	-	-	-	ND (0.35)	ND (0.35)	-	-	-	-	-	-	-
2,3,4,6-Tetrachlorophenol	NA	ND (0.34)	ND (0.35)	-	-	-	-	-	-	-	ND (0.35)	ND (0.35)	-	-	-	-	-	-	-
2,4,5-Trichlorophenol	NA	ND (0.34)	ND (0.35)	-	-	-	-	-	-	-	ND (0.35)	ND (0.35)	-	-	-	-	-	-	-
2,4,6-Trichlorophenol	NA	ND (0.14)	ND (0.14)	-	-	-	-	-	-	-	ND (0.14)	ND (0.14)	-	-	-	-	-	-	-
2,4-Dichlorophenol	NA	ND (0.14)	ND (0.14)	-	-	-	-	-	-	-	ND (0.14)	ND (0.14)	-	-	-	-	-	-	-
2,4-Dimethylphenol	NA	ND (0.34)	ND (0.35)	-	-	-	-	-	-	-	ND (0.35)	ND (0.35)	-	-	-	-	-	-	-
2,4-Dinitrophenol	NA	ND (0.27)	ND (0.28)	-	-	-	-	-	-	-	ND (0.28)	ND (0.28)	-	-	-	-	-	-	-
2,4-Dinitrotoluene	NA	ND (0.069)	ND (0.071)	-	-	-	-	-	-	-	ND (0.072)	ND (0.072)	-	-	-	-	-	-	-
2,6-Dinitrotoluene	NA	ND (0.069)	ND (0.071)	-	-	-	-	-	-	-	ND (0.072)	ND (0.072)	-	-	-	-	-	-	-
2-Chloronaphthalene	NA	ND (0.34)	ND (0.35)	-	-	-	-	-	-	-	ND (0.35)	ND (0.35)	-	-	-	-	-	-	-
2-Chlorophenol	NA	ND (0.34)	ND (0.35)	-	-	-	-	-	-	-	ND (0.35)	ND (0.35)	-	-	-	-	-	-	-
2-Methylnaphthalene	NA	ND (0.34)	0.01 J	-	-	-	-	-	-	-	ND (0.35)	ND (0.35)	-	-	-	-	-	-	-
2-Methylphenol (o-Cresol)	500	ND (0.34)	ND (0.35)	-	-	-	-	-	-	-	ND (0.35)	ND (0.35)	-	-	-	-	-	-	-
2-Nitroaniline	NA	ND (0.34)	ND (0.35)	-	-	-	-	-	-	-	ND (0.35)	ND (0.35)	-	-	-	-	-	-	-
2-Nitrophenol	NA	ND (0.34)	ND (0.35)	-	-	-	-	-	-	-	ND (0.35)	ND (0.35)	-	-	-	-	-	-	-
3&4-Methylphenol	NA	ND (0.34)	ND (0.35)	-	-	-	-	-	-	-	ND (0.35)	ND (0.35)	-	-	-	-	-	-	-
3,3'-Dichlorobenzidine	NA	ND (0.14)	ND (0.14)	-	-	-	-	-	-	-	ND (0.14)	ND (0.14)	-	-	-	-	-	-	-
3-Nitroaniline	NA	ND (0.34)	ND (0.35)	-	-	-	-	-	-	-	ND (0.35)	ND (0.35)	-	-	-	-	-	-	-
4,6-Dinitro-2-methylphenol	NA	ND (0.27)	ND (0.28)	-	-	-	-	-	-	-	ND (0.28)	ND (0.28)	-	-	-	-	-	-	-
4-Bromophenyl phenyl ether (BDE-3)	NA	ND (0.34)	ND (0.35)	-	-	-	-	-	-	-	ND (0.35)	ND (0.35)	-	-	-	-	-	-	-
4-Chloro-3-methylphenol	NA	ND (0.34)	ND (0.35)	-	-	-	-	-	-	-	ND (0.35)	ND (0.35)	-	-	-	-	-	-	-
4-Chloroaniline	NA	ND (0.34)	ND (0.35)	-	-	-	-	-	-	-	ND (0.35)	ND (0.35)	-	-	-	-	-	-	-
4-Chlorophenyl phenyl ether	NA	ND (0.34)	ND (0.35)	-	-	-	-	-	-	-	ND (0.35)	ND (0.35)	-	-	-	-	-	-	-
4-Methylphenol	500	ND (0.34)	ND (0.35)	-	-	-	-	-	-	-	ND (0.35)	ND (0.35)	-	-	-	-	-	-	-
4-Nitroaniline	NA	ND (0.34)	ND (0.35)	-	-	-	-	-	-	-	ND (0.35)	ND (0.35)	-	-	-	-	-	-	-
4-Nitrophenol	NA	ND (0.69)	ND (0.71)	-	-	-	-	-	-	-	ND (0.72)	ND (0.72)	-	-	-	-	-	-	-
Acenaphthene	500	ND (0.34)	ND (0.35)	-	-	-	-	-	-	-	ND (0.35)	ND (0.35)	-	-	-	-	-	-	-
Acenaphthylene	500	ND (0.34)	ND (0.35)	-	-	-	-	-	-	-	ND (0.35)	ND (0.35)	-	-	-	-	-	-	-
Acetophenone	NA	ND (0.34)	ND (0.35)	-	-	-	-	-	-	-	ND (0.35)	ND (0.35)	-	-	-	-	-	-	-
Anthracene	500	ND (0.34)	ND (0.35)	-	-	-	-	-	-	-	ND (0.35)	ND (0.35)	-	-	-	-	-	-	-
Atrazine	NA	ND (0.14) *	ND (0.14) *	-	-	-	-	-	-	-	ND (0.14) *	ND (0.14) *	-	-	-	-	-	-	-
Benzaldehyde	NA	ND (0.34)	ND (0.35)	-	-	-	-	-	-	-	ND (0.35)	ND (0.35)	-	-	-	-	-	-	-
Benzo(a)anthracene	5.6	ND (0.034)	ND (0.035)	-	-	-	-	-	-	-	ND (0.035)	ND (0.035)	-	-	-	-	-	-	-
Benzo(a)pyrene	1	ND (0.034)	0.0095 J	-	-	-	-	-	-	-	ND (0.035)	ND (0.035)	-	-	-	-	-	-	-
Benzo(b)fluoranthene	5.6	0.013 J	0.017 J	-	-	-	-	-	-	-	ND (0.035)	ND (0.035)	-	-	-	-	-	-	-
Benzo(g,h,i)perylene	500	ND (0.34)	ND (0.35)	-	-	-	-	-	-	-	0.013 J	ND (0.35)	-	-	-	-	-	-	-
Benzo(k)fluoranthene	56	ND (0.034)	ND (0.035)	-	-	-	-	-	-	-	ND (0.035)	ND (0.035)	-	-	-	-	-	-	-
Biphenyl	NA	ND (0.34)	ND (0.35)	-	-	-	-	-	-	-	ND (0.35)	ND (0.35)	-	-	-	-	-	-	-
bis(2-Chloroethoxy)methane	NA	ND (0.34)	ND (0.35)	-	-	-	-	-	-	-	ND (0.35)	ND (0.35)	-	-	-	-	-	-	-
bis(2-Chloroethyl)ether	NA	ND (0.034)	ND (0.035)	-	-	-	-	-	-	-	ND (0.035)	ND (0.035)	-	-	-	-	-	-	-
bis(2-Ethylhexyl)phthalate	NA	ND (0.34)	ND (0.35)	-	-	-	-	-	-	-	ND (0.35)	ND (0.35)	-	-	-	-	-	-	-
Butyl benzylphthalate (BBP)	NA	ND (0.34)	ND (0.35)	-	-	-	-	-	-	-	ND (0.35)	ND (0.35)	-	-	-	-	-	-	-
Caprolactam	NA	ND (0.34) *	ND (0.35) *	-	-	-	-	-	-	-	ND (0.35) *	ND (0.35) *	-	-	-	-	-	-	-
Carbazole	NA	ND (0.34)	ND (0.35)	-	-	-	-	-	-	-	ND (0.35)	ND (0.35)	-	-	-	-	-	-	-
Chrysene	56	0.014 J	0.019 J	-	-	-	-	-	-	-	ND (0.35)	ND (0.35)	-	-	-	-	-	-	-
Dibenz(a,h)anthracene	0.56	ND (0.034)	ND (0.035)	-	-	-	-	-	-	-	ND (0.035)	ND (0.035)	-	-	-	-	-	-	-
Dibenzofuran	350	ND (0.34)	ND (0.35)	-	-	-	-	-	-	-	ND (0.35)	ND (0.35)	-	-	-	-	-	-	-
Diethyl phthalate	NA	ND (0.34)	ND (0.35)	-	-	-	-	-	-	-	ND (0.35)	ND (0.35)	-	-	-	-	-	-	-
Dimethyl phthalate	NA	ND (0.34)	ND (0.35)	-	-	-	-	-	-	-	ND (0.35)	ND (0.35)	-	-	-	-	-	-	-
Di-n-butylphthalate (DBP)	NA	ND (0.34)	ND (0.35)	-	-	-	-	-	-	-	ND (0.35)	ND (0.35)	-	-	-	-	-	-	-
Di-n-octyl phthalate (DnOP)	NA	ND (0.34)	ND (0.35)	-	-	-	-	-	-	-	ND (0.35)	ND (0.35)	-	-	-	-	-	-	-
Fluoranthene	500	ND (0.34)	0.013 J	-	-	-	-	-	-	-	ND (0.35)	ND (0.35)	-	-	-	-	-	-	-
Fluorene	500	ND (0.34)	ND (0.35)	-	-	-	-	-	-	-	ND (0.35)	ND (0.35)	-	-	-	-	-	-	-
Hexachlorobenzene	6	ND (0.034)	ND (0.035)	-	-	-	-	-	-	-	ND (0.035)	ND (0.035)	-	-	-	-	-	-	-
Hexachlorobutadiene	NA	ND (0.069)	ND (0.071)	-	-	-	-	-	-	-	ND (0.072)	ND (0.072)	-	-	-	-	-	-	-
Hexachlorocyclopentadiene	NA	ND (0.34)	ND (0.35)	-	-	-	-	-	-	-	ND (0.35)	ND (0.35)	-	-	-	-	-	-	-
Hexachloroethane	NA	ND (0.034)	ND (0.035)	-	-	-	-	-	-	-	ND (0.035)	ND (0.035)	-	-	-	-	-	-	-
Indeno(1,2,3-cd)pyrene	5.6	0.023 J	ND (0.035)	-	-	-	-	-	-	-	0.024 J	ND (0.035)	-	-	-	-	-	-	-
Isophorone	NA	ND (0.14)	ND (0.14)	-	-	-	-	-	-	-	ND (0.14)	ND (0.14)	-	-	-	-	-	-	-
Naphthalene	500	0.0074 J	0.01 J	-	-	-	-	-	-	-	ND (0.35)	ND (0.35)	-	-	-	-	-	-	-
Nitrobenzene	NA	ND (0.034)	ND (0.035)	-	-	-	-	-	-	-	ND (0.035)	ND (0.035)	-	-	-	-	-	-	-
N-Nitrosodi-n-propylamine	NA	ND (0.034)	ND (0.035)	-	-	-	-	-	-	-	ND (0.035)	ND (0.035)	-	-	-	-	-	-	-
N-Nitrosodiphenylamine	NA	ND (0.34)	ND (0.35)	-	-	-	-	-	-	-	ND (0.35)	ND (0.35)	-	-	-	-	-	-	-
Pentachlorophenol	6.7	ND (0.27)	ND (0.28)	-	-	-	-	-	-	-	ND (0.28)	ND (0.28)	-	-	-	-	-	-	-
Phenanthrene	500	ND (0.34)	0.014 J	-	-	-	-	-	-	-	ND (0.35)	ND (0.35)	-	-	-	-	-	-	-
Phenol	500	ND (0.34)	ND (0.35)	-	-	-	-	-	-	-	ND (0.35)	ND (0.35)	-	-	-	-	-	-	-
Pyrene	500	0.0088 J	0.012 J	-	-	-	-	-	-	-	ND (0.35)	ND (0.35)	-	-	-	-	-	-	-

TABLE 15
SUMMARY OF SOIL QUALITY DATA - BERM 50
FORMER PORT MOBIL TERMINAL
STATEN ISLAND, NEW YORK
FILE NO. 0208998

	Criteria																		
Location Name	NY Part 375	50A	50A	50A1	50A1	50A2	50A2	50A3	50A4	50A4	50B	50B	50B1	50B1	50B1	50B2	50B2	50B3	50B3
Sample Name	Commercial	50A_0-5	50A_5-10	50A1_1-2	50A1_8-9	50A2_2-3	50A2_7-8	50A3_3-4	50A4_5-6	50A4_9-10	50B_0-4	50B_4-8	50B1_1-2	50B1_4-5	50B1_6-7	50B2_3-4	50B2_5-6	50B3_2-3	50B3_7-8
Sample Date	Use	10/09/2025	10/09/2025	10/09/2025	10/09/2025	10/09/2025	10/09/2025	10/09/2025	10/09/2025	10/09/2025	10/09/2025	10/09/2025	10/09/2025	10/09/2025	10/09/2025	10/09/2025	10/09/2025	10/09/2025	10/09/2025
Lab Sample ID	Soil Cleanup	460-336881-1	460-336881-2	460-336881-45	460-336881-49	460-336881-46	460-336881-50	460-336881-47	460-336881-48	460-336881-51	460-336881-3	460-336881-4	460-336881-52	460-336881-55	460-336881-57	460-336881-53	460-336881-56	460-336881-54	460-336881-58
Sample Depth (bgs)	Objectives	0 - 5 (ft)	5 - 10 (ft)	1 - 2 (ft)	8 - 9 (ft)	2 - 3 (ft)	7 - 8 (ft)	3 - 4 (ft)	5 - 6 (ft)	9 - 10 (ft)	0 - 4 (ft)	4 - 8 (ft)	1 - 2 (ft)	4 - 5 (ft)	6 - 7 (ft)	3 - 4 (ft)	5 - 6 (ft)	2 - 3 (ft)	7 - 8 (ft)
PFAS (mg/kg)																			
11-Chloroeicosafluoro-3-Oxaundecane-1-Sulfonic Acid (11Cl-PF3OUdS)	NA	ND (0.0002)	ND (0.0002)	-	-	-	-	-	-	-	ND (0.0002)	ND (0.0002)	-	-	-	-	-	-	-
2H,2H,3H,3H-Perfluorooctanoic acid (5:3 FTCA)	NA	ND (0.001)	ND (0.00098)	-	-	-	-	-	-	-	ND (0.00099)	ND (0.00098)	-	-	-	-	-	-	-
3-(Perfluoroheptyl)propanoic acid (7:3 FTCA)	NA	ND (0.001)	ND (0.00098)	-	-	-	-	-	-	-	ND (0.00099)	ND (0.00098)	-	-	-	-	-	-	-
3:3 Fluorotelomer carboxylic acid (3:3 FTCA)	NA	ND (0.0004)	ND (0.00039)	-	-	-	-	-	-	-	ND (0.0004)	ND (0.00039)	-	-	-	-	-	-	-
4,8-Dioxa-3H-Perfluorononanoic Acid (ADONA)	NA	ND (0.0002)	ND (0.0002)	-	-	-	-	-	-	-	ND (0.0002)	ND (0.0002)	-	-	-	-	-	-	-
4:2 Fluorotelomer sulfonic acid (4:2 FTS)	NA	ND (0.0004)	ND (0.00039)	-	-	-	-	-	-	-	ND (0.0004)	ND (0.00039)	-	-	-	-	-	-	-
6:2 Fluorotelomer sulfonic acid (6:2 FTS)	NA	ND (0.0004)	ND (0.00039)	-	-	-	-	-	-	-	0.00044	ND (0.00039)	-	-	-	-	-	-	-
8:2 Fluorotelomer sulfonic acid (8:2 FTS)	NA	ND (0.0004)	ND (0.00039)	-	-	-	-	-	-	-	0.00119	ND (0.00039)	-	-	-	-	-	-	-
9-Chlorohexadecafluoro-3-Oxanone-1-Sulfonic Acid (9Cl-PF3ONS)	NA	ND (0.0002)	ND (0.0002)	-	-	-	-	-	-	-	ND (0.0002)	ND (0.0002)	-	-	-	-	-	-	-
N-Ethyl Perfluorooctanesulfonamidoacetic Acid (NEtFOSAA)	NA	ND (0.0002)	ND (0.0002)	-	-	-	-	-	-	-	ND (0.0002)	ND (0.0002)	-	-	-	-	-	-	-
N-Ethylperfluorooctane sulfonamide (N-EtFOSA)	NA	ND (0.0002)	ND (0.0002)	-	-	-	-	-	-	-	ND (0.0002)	ND (0.0002)	-	-	-	-	-	-	-
N-Ethylperfluorooctane sulfonamidoethanol (N-EtFOSE)	NA	ND (0.001)	ND (0.00098)	-	-	-	-	-	-	-	ND (0.00099)	ND (0.00098)	-	-	-	-	-	-	-
N-Methyl Perfluorooctanesulfonamidoacetic Acid (NMeFOSAA)	NA	ND (0.0002)	ND (0.0002)	-	-	-	-	-	-	-	ND (0.0002)	ND (0.0002)	-	-	-	-	-	-	-
N-Methylperfluorooctane sulfonamide (N-MeFOSA)	NA	ND (0.0002)	ND (0.0002)	-	-	-	-	-	-	-	ND (0.0002)	ND (0.0002)	-	-	-	-	-	-	-
N-Methylperfluorooctane sulfonamidoethanol (N-MeFOSE)	NA	ND (0.001)	ND (0.00098)	-	-	-	-	-	-	-	ND (0.00099)	ND (0.00098)	-	-	-	-	-	-	-
Nonafluoro-3,6-dioxaheptanoic acid (NFDHA)	NA	ND (0.0002)	ND (0.0002)	-	-	-	-	-	-	-	ND (0.0002)	ND (0.0002)	-	-	-	-	-	-	-
Perfluoro(2-ethoxyethane) sulphonic acid (PFEESA)	NA	ND (0.0002)	ND (0.0002)	-	-	-	-	-	-	-	ND (0.0002)	ND (0.0002)	-	-	-	-	-	-	-
Perfluoro(4-methoxybutanoic) acid (PFMBA)	NA	ND (0.0002)	ND (0.0002)	-	-	-	-	-	-	-	ND (0.0002)	ND (0.0002)	-	-	-	-	-	-	-
Perfluoro-2-propoxypropanoic acid (PFPrOPrA)(GenX) (HFPO-DA)	NA	ND (0.0002)	ND (0.0002)	-	-	-	-	-	-	-	ND (0.0002)	ND (0.0002)	-	-	-	-	-	-	-
Perfluoro-3-methoxypropanoic acid (PFMPA)	NA	ND (0.0002)	ND (0.0002)	-	-	-	-	-	-	-	ND (0.0002)	ND (0.0002)	-	-	-	-	-	-	-
Perfluorobutanesulfonic acid (PFBS)	NA	ND (0.0002)	ND (0.0002)	-	-	-	-	-	-	-	ND (0.0002)	ND (0.0002)	-	-	-	-	-	-	-
Perfluorobutanoic acid (PFBA)	NA	ND (0.0004)	ND (0.00039)	-	-	-	-	-	-	-	ND (0.0004)	ND (0.00039)	-	-	-	-	-	-	-
Perfluorodecanesulfonic acid (PFDS)	NA	ND (0.0002)	ND (0.0002)	-	-	-	-	-	-	-	ND (0.0002)	ND (0.0002)	-	-	-	-	-	-	-
Perfluorodecanoic acid (PFDA)	NA	0.000092 J	0.00015 J	-	-	-	-	-	-	-	0.00031	0.00012 J	-	-	-	-	-	-	-
Perfluorododecane sulfonic acid (PFDoDS)	NA	ND (0.0002)	ND (0.0002)	-	-	-	-	-	-	-	ND (0.0002)	ND (0.0002)	-	-	-	-	-	-	-
Perfluorododecanoic acid (PFDoDA)	NA	ND (0.0002)	0.00025	-	-	-	-	-	-	-	0.00049	ND (0.0002)	-	-	-	-	-	-	-
Perfluoroheptanesulfonic acid (PFHpS)	NA	ND (0.0002)	ND (0.0002)	-	-	-	-	-	-	-	ND (0.0002)	ND (0.0002)	-	-	-	-	-	-	-
Perfluoroheptanoic acid (PFHpA)	NA	ND (0.0002)	ND (0.0002)	-	-	-	-	-	-	-	ND (0.0002)	ND (0.0002)	-	-	-	-	-	-	-
Perfluorohexanesulfonic acid (PFHxS)	NA	ND (0.0002)	ND (0.0002)	-	-	-	-	-	-	-	ND (0.0002)	ND (0.0002)	-	-	-	-	-	-	-
Perfluorohexanoic acid (PFHxA)	NA	ND (0.0002)	ND (0.0002)	-	-	-	-	-	-	-	0.00011 J	ND (0.0002)	-	-	-	-	-	-	-
Perfluorononane sulfonic acid (PFNS)	NA	ND (0.0002)	ND (0.0002)	-	-	-	-	-	-	-	ND (0.0002)	ND (0.0002)	-	-	-	-	-	-	-
Perfluorononanoic acid (PFNA)	NA	ND (0.00012)	0.0001 J	-	-	-	-	-	-	-	0.00041	0.00016 J	-	-	-	-	-	-	-
Perfluorooctane sulfonamide (PFOSA)	NA	ND (0.0002)	ND (0.0002)	-	-	-	-	-	-	-	ND (0.0002)	ND (0.0002)	-	-	-	-	-	-	-
Perfluorooctanesulfonic acid (PFOS)	0.44	ND (0.0002)	ND (0.0002)	-	-	-	-	-	-	-	ND (0.0002)	ND (0.0002)	-	-	-	-	-	-	-
Perfluorooctanoic acid (PFOA)	0.5	ND (0.00012)	0.000092 J	-	-	-	-	-	-	-	0.00015 J	ND (0.0002)	-	-	-	-	-	-	-
Perfluoropentanesulfonic acid (PFPeS)	NA	ND (0.0002)	ND (0.0002)	-	-	-	-	-	-	-	ND (0.0002)	ND (0.0002)	-	-	-	-	-	-	-
Perfluoropentanoic acid (PFPeA)	NA	ND (0.0002)	ND (0.0002)	-	-	-	-	-	-	-	ND (0.0002)	ND (0.0002)	-	-	-	-	-	-	-
Perfluorotetradecanoic acid (PFTeDA)	NA	ND (0.0002)	0.00011 J	-	-	-	-	-	-	-	ND (0.0002)	ND (0.0002)	-	-	-	-	-	-	-
Perfluorotridecanoic acid (PFTrDA)	NA	0.00092	0.00195	-	-	-	-	-	-	-	ND (0.0002)	ND (0.0002)	-	-	-	-	-	-	-
Perfluoroundecanoic acid (PFUnDA)	NA	0.001	0.00157	-	-	-	-	-	-	-	0.0042	0.00101	-	-	-	-	-	-	-
Pesticides (mg/kg)																			
4,4'-DDD	92	ND (0.0069)	ND (0.0071)	-	-	-	-	-	-	-	ND (0.0072)	ND (0.0072)	-	-	-	-	-	-	-
4,4'-DDE	62	ND (0.0069)	ND (0.0071)	-	-	-	-	-	-	-	ND (0.0072)	ND (0.0072)	-	-	-	-	-	-	-
4,4'-DDT	47	ND (0.0069)	ND (0.0071)	-	-	-	-	-	-	-	ND (0.0072)	ND (0.0072)	-	-	-	-	-	-	-
Aldrin	0.68	ND (0.0069)	ND (0.0071)	-	-	-	-	-	-	-	ND (0.0072)	ND (0.0072)	-	-	-	-	-	-	-
alpha-BHC	3.4	ND (0.0021) *	ND (0.0021) *	-	-	-	-	-	-	-	ND (0.0021) *	ND (0.0022) *	-	-	-	-	-	-	-
alpha-Chlordane (cis)	24	ND (0.0069)	ND (0.0071)	-	-	-	-	-	-	-	ND (0.0072)	ND (0.0072)	-	-	-	-	-	-	-
beta-BHC	3	ND (0.0021)	ND (0.0021)	-	-	-	-	-	-	-	ND (0.0021)	ND (0.0022)	-	-	-	-	-	-	-
Chlordane	NA	ND (0.069)	ND (0.071)	-	-	-	-	-	-	-	ND (0.072)	ND (0.072)	-	-	-	-	-	-	-
delta-BHC	500	ND (0.0021) *	ND (0.0021) *	-	-	-	-	-	-	-	ND (0.0021) *	ND (0.0022) *	-	-	-	-	-	-	-
Dieldrin	1.4	ND (0.0021) *	ND (0.0021) *	-	-	-	-	-	-	-	ND (0.0021) *	ND (0.0022) *	-	-	-	-	-	-	-
Endosulfan I	200	ND (0.0069)	ND (0.0071)	-	-	-	-	-	-	-	ND (0.0072)	ND (0.0072)	-	-	-	-	-	-	-
Endosulfan II	200	ND (0.0069)	ND (0.0071)	-	-	-	-	-	-	-	ND (0.0072)	ND (0.0072)	-	-	-	-	-	-	-
Endosulfan sulfate	200	ND (0.0069)	ND (0.0071)	-	-	-	-	-	-	-	ND (0.0072)	ND (0.0072)	-	-	-	-	-	-	-
Endrin	89	ND (0.0069)	ND (0.0071)	-	-	-	-	-	-	-	ND (0.0072)	ND (0.0072)	-	-	-	-	-	-	-
Endrin aldehyde	NA	ND (0.0069)	ND (0.0071)	-	-	-	-	-	-	-	ND (0.0072)	ND (0.0072)	-	-	-	-	-	-	-
Endrin ketone	NA	ND (0.0069)	ND (0.0071)	-	-	-	-	-	-	-	ND (0.0072)	ND (0.0072)	-	-	-	-	-	-	-
gamma-BHC (Lindane)	9.2	ND (0.0021)	ND (0.0021)	-	-	-	-	-	-	-	ND (0.0021)	ND (0.0022)	-	-	-	-	-	-	-
Heptachlor	15	ND (0.0069)	ND (0.0071)	-	-	-	-	-	-	-	ND (0.0072)	ND (0.0072)	-	-	-	-	-	-	-
Heptachlor epoxide	NA	ND (0.0069)	ND (0.0071)	-	-	-	-	-	-	-	ND (0.0072)	ND (0.0072)	-	-	-	-	-	-	-
Methoxychlor	NA	ND (0.0069)	ND (0.0071)	-	-	-	-	-	-	-	ND (0.0072)	ND (0.0072)	-	-	-	-	-	-	-
Toxaphene	NA	ND (0.069)	ND (0.071)	-	-	-	-	-	-	-	ND (0.072)	ND (0.072)	-	-	-	-	-	-	-

TABLE 15
SUMMARY OF SOIL QUALITY DATA - BERM 50
FORMER PORT MOBIL TERMINAL
STATEN ISLAND, NEW YORK
FILE NO. 0208998

	Criteria																		
Location Name	NY Part 375	50A	50A	50A1	50A1	50A2	50A2	50A3	50A4	50A4	50B	50B	50B1	50B1	50B1	50B2	50B2	50B3	50B3
Sample Name	Commercial	50A_0-5	50A_5-10	50A1_1-2	50A1_8-9	50A2_2-3	50A2_7-8	50A3_3-4	50A4_5-6	50A4_9-10	50B_0-4	50B_4-8	50B1_1-2	50B1_4-5	50B1_6-7	50B2_3-4	50B2_5-6	50B3_2-3	50B3_7-8
Sample Date	Use	10/09/2025	10/09/2025	10/09/2025	10/09/2025	10/09/2025	10/09/2025	10/09/2025	10/09/2025	10/09/2025	10/09/2025	10/09/2025	10/09/2025	10/09/2025	10/09/2025	10/09/2025	10/09/2025	10/09/2025	10/09/2025
Lab Sample ID	Soil Cleanup	460-336881-1	460-336881-2	460-336881-45	460-336881-49	460-336881-46	460-336881-50	460-336881-47	460-336881-48	460-336881-51	460-336881-3	460-336881-4	460-336881-52	460-336881-55	460-336881-57	460-336881-53	460-336881-56	460-336881-54	460-336881-58
Sample Depth (bgs)	Objectives	0 - 5 (ft)	5 - 10 (ft)	1 - 2 (ft)	8 - 9 (ft)	2 - 3 (ft)	7 - 8 (ft)	3 - 4 (ft)	5 - 6 (ft)	9 - 10 (ft)	0 - 4 (ft)	4 - 8 (ft)	1 - 2 (ft)	4 - 5 (ft)	6 - 7 (ft)	3 - 4 (ft)	5 - 6 (ft)	2 - 3 (ft)	7 - 8 (ft)
Polychlorinated Biphenyls (mg/kg)																			
Aroclor-1016 (PCB-1016)	NA	ND (0.069)	ND (0.071)	-	-	-	-	-	-	-	ND (0.072)	ND (0.072)	-	-	-	-	-	-	-
Aroclor-1221 (PCB-1221)	NA	ND (0.069)	ND (0.071)	-	-	-	-	-	-	-	ND (0.072)	ND (0.072)	-	-	-	-	-	-	-
Aroclor-1232 (PCB-1232)	NA	ND (0.069)	ND (0.071)	-	-	-	-	-	-	-	ND (0.072)	ND (0.072)	-	-	-	-	-	-	-
Aroclor-1242 (PCB-1242)	NA	ND (0.069)	ND (0.071)	-	-	-	-	-	-	-	ND (0.072)	ND (0.072)	-	-	-	-	-	-	-
Aroclor-1248 (PCB-1248)	NA	ND (0.069)	ND (0.071)	-	-	-	-	-	-	-	ND (0.072)	ND (0.072)	-	-	-	-	-	-	-
Aroclor-1254 (PCB-1254)	NA	ND (0.069)	ND (0.071)	-	-	-	-	-	-	-	ND (0.072)	ND (0.072)	-	-	-	-	-	-	-
Aroclor-1260 (PCB-1260)	NA	ND (0.069)	ND (0.071)	-	-	-	-	-	-	-	ND (0.072)	ND (0.072)	-	-	-	-	-	-	-
Aroclor-1262 (PCB-1262)	NA	ND (0.069)	ND (0.071)	-	-	-	-	-	-	-	ND (0.072)	ND (0.072)	-	-	-	-	-	-	-
Aroclor-1268 (PCB-1268)	NA	ND (0.069)	ND (0.071)	-	-	-	-	-	-	-	ND (0.072)	ND (0.072)	-	-	-	-	-	-	-
Total PCBs	1	ND (0.069)	ND (0.071)	-	-	-	-	-	-	-	ND (0.072)	ND (0.072)	-	-	-	-	-	-	-
Inorganic Compounds (mg/kg)																			
Aluminum	NA	4170	4560	-	-	-	-	-	-	-	5670	5650	-	-	-	-	-	-	-
Antimony	NA	1.5	2.2	-	-	-	-	-	-	-	2.3	1.4	-	-	-	-	-	-	-
Arsenic	16	7.1	9.2	-	-	-	-	-	-	-	7.2	5.2	-	-	-	-	-	-	-
Barium	400	23.8	27.7	-	-	-	-	-	-	-	35.5	33.8	-	-	-	-	-	-	-
Beryllium	590	0.55	0.48	-	-	-	-	-	-	-	0.65	0.46	-	-	-	-	-	-	-
Cadmium	9.3	0.13 J	0.14 J	-	-	-	-	-	-	-	0.3 J	0.097 J	-	-	-	-	-	-	-
Calcium	NA	1420	874	-	-	-	-	-	-	-	678	610	-	-	-	-	-	-	-
Chromium	NA	21.8	14.8	-	-	-	-	-	-	-	16	13.3	-	-	-	-	-	-	-
Cobalt	NA	11.7	4.6	-	-	-	-	-	-	-	5.2	4.9	-	-	-	-	-	-	-
Copper	270	77	37.5	-	-	-	-	-	-	-	56.7	28.2	-	-	-	-	-	-	-
Iron	NA	17900	16300	-	-	-	-	-	-	-	17400	15900	-	-	-	-	-	-	-
Lead	1000	116	74.4	-	-	-	-	-	-	-	128	45.3	-	-	-	-	-	-	-
Magnesium	NA	1200	947	-	-	-	-	-	-	-	1340	1370	-	-	-	-	-	-	-
Manganese	10000	89	97.4	-	-	-	-	-	-	-	176	365	-	-	-	-	-	-	-
Mercury	2.8	0.021	0.028	-	-	-	-	-	-	-	0.025	0.016 J	-	-	-	-	-	-	-
Nickel	310	62.7	12.1	-	-	-	-	-	-	-	18.9	9.6	-	-	-	-	-	-	-
Potassium	NA	819	943	-	-	-	-	-	-	-	1050	863	-	-	-	-	-	-	-
Selenium	1500	0.27 J	0.53 J	-	-	-	-	-	-	-	0.44 J	0.31 J	-	-	-	-	-	-	-
Silver	1500	0.15 J	0.2 J	-	-	-	-	-	-	-	0.22 J	0.13 J	-	-	-	-	-	-	-
Sodium	NA	46.3 J	43.1 J	-	-	-	-	-	-	-	64.9 J	53.8 J	-	-	-	-	-	-	-
Thallium	NA	0.062 J	0.08 J	-	-	-	-	-	-	-	0.063 J	0.067 J	-	-	-	-	-	-	-
Vanadium	NA	34.9	25.9	-	-	-	-	-	-	-	25	21.9	-	-	-	-	-	-	-
Zinc	10000	158	61.5	-	-	-	-	-	-	-	191	52.9	-	-	-	-	-	-	-

ABBREVIATIONS AND NOTES:

mg/kg: milligram per kilogram

**: LCS or LCSD is outside acceptance limits.*
-: Not Analyzed
B: Compound was found in the blank and the associated sample.
bgs: below ground surface
ft: feet
J: Value is estimated.
NA: Not Applicable
ND (2.5): Not detected, number in parentheses is the laboratory reporting limit

- For test methods used, see the laboratory data sheets.
- Soil analytical results are compared to the New York State Department of Environmental Conservation (NYSDEC) Title 6 of the Official Compilation of New York Codes, Rules, and Regulations (NYCRR) Part 375 Commercial Use Soil Cleanup Objectives (SCO).
- Grey shading indicates an exceedance of the Commercial Use Soil Cleanup Objectives.

TABLE 15
SUMMARY OF SOIL QUALITY DATA - BERM 50
FORMER PORT MOBIL TERMINAL
STATEN ISLAND, NEW YORK
FILE NO. 0208998

	Criteria																		
Location Name	NY Part 375	50C	50C	50C1	50C1	50C2	50C2	50C2	50C3	50C3	50D	50D	50D1	50D1	50D2	50D2	50D3	50D3	50D4
Sample Name	Commercial	50C_0-4	50C_4-8	50C1_1-2	50C1_5-6	50C2_2-3	50C2_6-7	50C2_7-8	50C3_4-5	50C3_5-6	50D_0-5	50D_5-10	50D1_3-4	50D1_5-6	50D2_1-2	50D2_8-9	50D3_4-5	50D3_9-10	50D4_6-7
Sample Date	Use	10/09/2025	10/09/2025	10/09/2025	10/09/2025	10/09/2025	10/09/2025	10/09/2025	10/09/2025	10/09/2025	10/09/2025	10/09/2025	10/09/2025	10/09/2025	10/09/2025	10/09/2025	10/09/2025	10/09/2025	10/09/2025
Lab Sample ID	Soil Cleanup	460-336881-5	460-336881-6	460-336881-59	460-336881-62	460-336881-60	460-336881-65	460-336881-63	460-336881-61	460-336881-64	460-336881-7	460-336881-8	460-336881-66	460-336881-69	460-336881-67	460-336881-72	460-336881-68	460-336881-71	460-336881-70
Sample Depth (bgs)	Objectives	0 - 4 (ft)	4 - 8 (ft)	1 - 2 (ft)	5 - 6 (ft)	2 - 3 (ft)	6 - 7 (ft)	7 - 8 (ft)	4 - 5 (ft)	5 - 6 (ft)	0 - 5 (ft)	5 - 10 (ft)	3 - 4 (ft)	5 - 6 (ft)	1 - 2 (ft)	8 - 9 (ft)	4 - 5 (ft)	9 - 10 (ft)	6 - 7 (ft)
Volatile Organic Compounds (mg/kg)																			
1,1,1-Trichloroethane	500	-	-	ND (0.0087)	ND (0.00092)	ND (0.0011)	ND (0.00096)	ND (0.00094)	ND (0.0012)	ND (0.0046)	-	-	ND (0.0012)	ND (0.0011)	ND (0.001)	ND (0.001)	ND (0.00094)	ND (0.0011)	ND (0.0011)
1,1,2,2-Tetrachloroethane	NA	-	-	ND (0.0087)	ND (0.00092)	ND (0.0011)	ND (0.00096)	ND (0.00094)	ND (0.0012)	ND (0.0046)	-	-	ND (0.0012)	ND (0.0011)	ND (0.001)	ND (0.001)	ND (0.00094)	ND (0.0011)	ND (0.0011)
1,1,2-Trichloroethane	NA	-	-	ND (0.0087)	ND (0.00092)	ND (0.0011)	ND (0.00096)	ND (0.00094)	ND (0.0012)	ND (0.0046)	-	-	ND (0.0012)	ND (0.0011)	ND (0.001)	ND (0.001)	ND (0.00094)	ND (0.0011)	ND (0.0011)
1,1-Dichloroethane	240	-	-	ND (0.0087)	ND (0.00092)	ND (0.0011)	ND (0.00096)	ND (0.00094)	ND (0.0012)	ND (0.0046)	-	-	ND (0.0012)	ND (0.0011)	ND (0.001)	ND (0.001)	ND (0.00094)	ND (0.0011)	ND (0.0011)
1,1-Dichloroethene	500	-	-	ND (0.0087)	ND (0.00092)	ND (0.0011)	ND (0.00096)	ND (0.00094)	ND (0.0012)	ND (0.0046)	-	-	ND (0.0012)	ND (0.0011)	ND (0.001)	ND (0.001)	ND (0.00094)	ND (0.0011)	ND (0.0011)
1,2,3-Trichlorobenzene	NA	-	-	ND (0.0087)	ND (0.00092)	ND (0.0011)	ND (0.00096)	ND (0.00094)	ND (0.0012)	ND (0.0046)	-	-	ND (0.0012)	ND (0.0011)	ND (0.001)	ND (0.001)	ND (0.00094)	ND (0.0011)	ND (0.0011)
1,2,4-Trichlorobenzene	NA	-	-	ND (0.0087)	ND (0.00092)	ND (0.0011)	ND (0.00096)	ND (0.00094)	ND (0.0012)	ND (0.0046)	-	-	ND (0.0012)	ND (0.0011)	ND (0.001)	ND (0.001)	ND (0.00094)	ND (0.0011)	ND (0.0011)
1,2,4-Trimethylbenzene	190	-	-	ND (0.0087)	ND (0.00092)	ND (0.0011)	0.00042 J	ND (0.00094)	ND (0.0012)	ND (0.0046)	-	-	ND (0.0012)	ND (0.0011)	ND (0.001)	ND (0.001)	ND (0.00094)	ND (0.0011)	ND (0.0011)
1,2-Dibromo-3-chloropropane (DBCP)	NA	-	-	ND (0.0087)	ND (0.00092)	ND (0.0011)	ND (0.00096)	ND (0.00094)	ND (0.0012)	ND (0.0046)	-	-	ND (0.0012)	ND (0.0011)	ND (0.001)	ND (0.001)	ND (0.00094)	ND (0.0011)	ND (0.0011)
1,2-Dibromoethane (Ethylene Dibromide)	NA	-	-	ND (0.0087)	ND (0.00092)	ND (0.0011)	ND (0.00096)	ND (0.00094)	ND (0.0012)	ND (0.0046)	-	-	ND (0.0012)	ND (0.0011)	ND (0.001)	ND (0.001)	ND (0.00094)	ND (0.0011)	ND (0.0011)
1,2-Dichlorobenzene	500	-	-	ND (0.0087)	ND (0.00092)	ND (0.0011)	ND (0.00096)	ND (0.00094)	ND (0.0012)	ND (0.0046)	-	-	ND (0.0012)	ND (0.0011)	ND (0.001)	ND (0.001)	ND (0.00094)	ND (0.0011)	ND (0.0011)
1,2-Dichloroethane	30	-	-	ND (0.0087)	ND (0.00092)	ND (0.0011)	ND (0.00096)	ND (0.00094)	ND (0.0012)	ND (0.0046)	-	-	ND (0.0012)	ND (0.0011)	ND (0.001)	ND (0.001)	ND (0.00094)	ND (0.0011)	ND (0.0011)
1,2-Dichloropropane	NA	-	-	ND (0.0087)	ND (0.00092)	ND (0.0011)	ND (0.00096)	ND (0.00094)	ND (0.0012)	ND (0.0046)	-	-	ND (0.0012)	ND (0.0011)	ND (0.001)	ND (0.001)	ND (0.00094)	ND (0.0011)	ND (0.0011)
1,3,5-Trimethylbenzene	190	-	-	ND (0.0087)	ND (0.00092)	ND (0.0011)	ND (0.00096)	ND (0.00094)	ND (0.0012)	ND (0.0046)	-	-	ND (0.0012)	ND (0.0011)	ND (0.001)	ND (0.001)	ND (0.00094)	ND (0.0011)	ND (0.0011)
1,3-Dichlorobenzene	280	-	-	ND (0.0087)	ND (0.00092)	ND (0.0011)	ND (0.00096)	ND (0.00094)	ND (0.0012)	ND (0.0046)	-	-	ND (0.0012)	ND (0.0011)	ND (0.001)	ND (0.001)	ND (0.00094)	ND (0.0011)	ND (0.0011)
1,4-Dichlorobenzene	130	-	-	ND (0.0087)	ND (0.00092)	ND (0.0011)	ND (0.00096)	ND (0.00094)	ND (0.0012)	ND (0.0046)	-	-	ND (0.0012)	ND (0.0011)	ND (0.001)	ND (0.001)	ND (0.00094)	ND (0.0011)	ND (0.0011)
2-Butanone (Methyl Ethyl Ketone)	500	-	-	ND (0.044)	ND (0.0046)	ND (0.0057)	0.016	ND (0.0047)	ND (0.0058)	ND (0.023)	-	-	ND (0.0061)	ND (0.0057)	ND (0.005)	ND (0.0052)	ND (0.0047)	ND (0.0057)	ND (0.0057)
2-Hexanone (Methyl Butyl Ketone)	NA	-	-	ND (0.044)	ND (0.0046)	ND (0.0057)	ND (0.0048)	ND (0.0047)	ND (0.0058)	ND (0.023)	-	-	ND (0.0061)	ND (0.0057) *	ND (0.005) *	ND (0.0052) *	ND (0.0047) *	ND (0.0057) *	ND (0.0057) *
2-Phenylbutane (sec-Butylbenzene)	500	-	-	ND (0.0087)	ND (0.00092)	ND (0.0011)	ND (0.00096)	ND (0.00094)	ND (0.0012)	ND (0.0046)	-	-	ND (0.0012)	ND (0.0011)	ND (0.001)	ND (0.001)	ND (0.00094)	ND (0.0011)	ND (0.0011)
4-Methyl-2-Pentanone (Methyl Isobutyl Ketone)	NA	-	-	ND (0.044)	ND (0.0046)	ND (0.0057)	ND (0.0048)	ND (0.0047)	ND (0.0058)	ND (0.023)	-	-	ND (0.0061)	ND (0.0057) *	ND (0.005) *	ND (0.0052) *	ND (0.0047) *	ND (0.0057) *	ND (0.0057) *
Acetone	500	-	-	ND (0.052)	ND (0.0055)	ND (0.0068)	0.09	ND (0.0057)	ND (0.007)	ND (0.027)	-	-	ND (0.0073)	ND (0.0069)	ND (0.006)	0.013	ND (0.0056)	ND (0.0068)	ND (0.0068)
Benzene	44	-	-	ND (0.0087)	ND (0.00092)	ND (0.0011)	ND (0.00096)	ND (0.00094)	ND (0.0012)	ND (0.0046)	-	-	ND (0.0012)	ND (0.0011)	ND (0.001)	ND (0.001)	ND (0.00094)	ND (0.0011)	ND (0.0011)
Bromodichloromethane	NA	-	-	ND (0.0087)	ND (0.00092)	ND (0.0011)	ND (0.00096)	ND (0.00094)	ND (0.0012)	ND (0.0046)	-	-	ND (0.0012)	ND (0.0011)	ND (0.001)	ND (0.001)	ND (0.00094)	ND (0.0011)	ND (0.0011)
Bromoform	NA	-	-	ND (0.0087)	ND (0.00092)	ND (0.0011)	ND (0.00096)	ND (0.00094)	ND (0.0012)	ND (0.0046)	-	-	ND (0.0012)	ND (0.0011)	ND (0.001)	ND (0.001)	ND (0.00094)	ND (0.0011)	ND (0.0011)
Bromomethane (Methyl Bromide)	NA	-	-	ND (0.017)	ND (0.0018)	ND (0.0023)	ND (0.0019)	ND (0.0019)	ND (0.0023)	ND (0.0091)	-	-	ND (0.0024)	ND (0.0023)	ND (0.002)	ND (0.0021)	ND (0.0019)	ND (0.0023)	ND (0.0023)
Carbon disulfide	NA	-	-	ND (0.0087)	ND (0.00092)	ND (0.0011)	0.0018	ND (0.00094)	ND (0.0012)	ND (0.0046)	-	-	ND (0.0012)	ND (0.0011)	ND (0.001)	ND (0.001)	ND (0.00094)	ND (0.0011)	ND (0.0011)
Carbon tetrachloride	22	-	-	ND (0.0087)	ND (0.00092)	ND (0.0011)	ND (0.00096)	ND (0.00094)	ND (0.0012)	ND (0.0046)	-	-	ND (0.0012)	ND (0.0011)	ND (0.001)	ND (0.001)	ND (0.00094)	ND (0.0011)	ND (0.0011)
Chlorobenzene	500	-	-	ND (0.0087)	ND (0.00092)	ND (0.0011)	ND (0.00096)	ND (0.00094)	ND (0.0012)	ND (0.0046)	-	-	ND (0.0012)	ND (0.0011)	ND (0.001)	ND (0.001)	ND (0.00094)	ND (0.0011)	ND (0.0011)
Chlorobromomethane	NA	-	-	ND (0.0087)	ND (0.00092)	ND (0.0011)	ND (0.00096)	ND (0.00094)	ND (0.0012)	ND (0.0046)	-	-	ND (0.0012)	ND (0.0011)	ND (0.001)	ND (0.001)	ND (0.00094)	ND (0.0011)	ND (0.0011)
Chloroethane	NA	-	-	ND (0.0087)	ND (0.00092)	ND (0.0011)	ND (0.00096)	ND (0.00094)	ND (0.0012)	ND (0.0046)	-	-	ND (0.0012)	ND (0.0011)	ND (0.001)	ND (0.001)	ND (0.00094)	ND (0.0011)	ND (0.0011)
Chloroform (Trichloromethane)	350	-	-	ND (0.0087)	ND (0.00092)	ND (0.0011)	ND (0.00096)	ND (0.00094)	ND (0.0012)	ND (0.0046)	-	-	ND (0.0012)	ND (0.0011)	ND (0.001)	ND (0.001)	ND (0.00094)	ND (0.0011)	ND (0.0011)
Chloromethane (Methyl Chloride)	NA	-	-	ND (0.0087)	ND (0.00092)	ND (0.0011)	ND (0.00096)	ND (0.00094)	ND (0.0012)	ND (0.0046)	-	-	ND (0.0012)	ND (0.0011)	ND (0.001)	ND (0.001)	ND (0.00094)	ND (0.0011)	ND (0.0011)
cis-1,2-Dichloroethene	500	-	-	ND (0.0087)	ND (0.00092)	ND (0.0011)	ND (0.00096)	ND (0.00094)	ND (0.0012)	ND (0.0046)	-	-	ND (0.0012)	ND (0.0011)	ND (0.001)	ND (0.001)	ND (0.00094)	ND (0.0011)	ND (0.0011)
cis-1,3-Dichloropropene	NA	-	-	ND (0.0087)	ND (0.00092)	ND (0.0011)	ND (0.00096)	ND (0.00094)	ND (0.0012)	ND (0.0046)	-	-	ND (0.0012)	ND (0.0011)	ND (0.001)	ND (0.001)	ND (0.00094)	ND (0.0011)	ND (0.0011)
Cyclohexane	NA	-	-	ND (0.0087)	ND (0.00092)	ND (0.0011)	ND (0.00096)	ND (0.00094)	ND (0.0012)	ND (0.0046)	-	-	ND (0.0012)	ND (0.0011)	ND (0.001)	ND (0.001)	ND (0.00094)	ND (0.0011)	ND (0.0011)
Dibromochloromethane	NA	-	-	ND (0.0087)	ND (0.00092)	ND (0.0011)	ND (0.00096)	ND (0.00094)	ND (0.0012)	ND (0.0046)	-	-	ND (0.0012)	ND (0.0011)	ND (0.001)	ND (0.001)	ND (0.00094)	ND (0.0011)	ND (0.0011)
Dichlorodifluoromethane (CFC-12)	NA	-	-	ND (0.0087)	ND (0.00092)	ND (0.0011)	ND (0.00096)	ND (0.00094)	ND (0.0012)	ND (0.0046)	-	-	ND (0.0012)	ND (0.0011)	ND (0.001)	ND (0.001)	ND (0.00094)	ND (0.0011)	ND (0.0011)
Ethylbenzene	390	-	-	ND (0.0087)	ND (0.00092)	ND (0.0011)	ND (0.00096)	ND (0.00094)	ND (0.0012)	ND (0.0046)	-	-	ND (0.0012)	ND (0.0011)	ND (0.001)	ND (0.001)	ND (0.00094)	ND (0.0011)	ND (0.0011)
Isopropylbenzene (Cumene)	NA	-	-	ND (0.0087)	ND (0.00092)	ND (0.0011)	ND (0.00096)	ND (0.00094)	ND (0.0012)	ND (0.0046)	-	-	ND (0.0012)	ND (0.0011)	ND (0.001)	ND (0.001)	ND (0.00094)	ND (0.0011)	ND (0.0011)
m,p-Xylenes	NA	-	-	ND (0.0087)	ND (0.00092)	ND (0.0011)	0.00047 J	ND (0.00094)	ND (0.0012)	ND (0.0046)	-	-	ND (0.0012)	ND (0.0011)	ND (0.001)	ND (0.001)	ND (0.00094)	ND (0.0011)	ND (0.0011)
Methyl acetate	NA	-	-	ND (0.044)	ND (0.0046)	ND (0.0057)	ND (0.0048)	ND (0.0047)	ND (0.0058)	ND (0.023)	-	-	ND (0.0061)	ND (0.0057)	ND (0.005)	ND (0.0052)	ND (0.0047)	ND (0.0057)	ND (0.0057)
Methyl Tert Butyl Ether (MTBE)	500	-	-	ND (0.0087)	ND (0.00092)	ND (0.0011)	ND (0.00096)	ND (0.00094)	ND (0.0012)	ND (0.0046)	-	-	ND (0.0012)	ND (0.0011)	ND (0.001)	ND (0.001)	ND (0.00094)	ND (0.0011)	ND (0.0011)
Methylcyclohexane	NA	-	-	ND (0.0087)	ND (0.00092)	ND (0.0011)	ND (0.00096)	ND (0.00094)	ND (0.0012)	ND (0.0046)	-	-	ND (0.0012)	ND (0.0011)	ND (0.001)	ND (0.001)	ND (0.00094)	ND (0.0011)	ND (0.0011)
Methylene chloride (Dichloromethane)	500	-	-	ND (0.017)	ND (0.0018)	ND (0.0023)	0.004	0.0017 J	ND (0.0023)	0.0078 J	-	-	0.0016 J	ND (0.0023)	ND (0.002)	ND (0.0021)	ND (0.0019)	0.0017 J	ND (0.0023)
n-Butylbenzene	500	-	-	ND (0.0087)	ND (0.00092)	ND (0.0011)	ND (0.00096)	ND (0.00094)	ND (0.0012)	ND (0.0046)	-	-	ND (0.0012)	ND (0.0011)	ND (0.001)	ND (0.001)	ND (0.00094)	ND (0.0011)	ND (0.0011)
n-Propylbenzene	500	-	-	ND (0.0087)	ND (0.00092)	ND (0.0011)	ND (0.00096)	ND (0.00094)	ND (0.0012)	ND (0.0046)	-	-	ND (0.0012)	ND (0.0011)	ND (0.001)	ND (0.001)	ND (0.00094)	ND (0.0011)	ND (0.0011)
o-Xylene	NA	-	-	ND (0.0087)	ND (0.00092)	ND (0.0011)	ND (0.00096)	ND (0.00094)	ND (0.0012)	ND (0.0046)	-	-	ND (0.0012)	ND (0.0011)	ND (0.001)	ND (0.001)	ND (0.00094)	ND (0.0011)	ND (0.0011)
Styrene	NA	-	-	ND (0.0087)	ND (0.00092)	ND (0.0011)	ND (0.00096)	ND (0.00094)	ND (0.0012)	ND (0.0046)	-	-	ND (0.0012)	ND (0.0011)	ND (0.001)	ND (0.001)	ND (0.00094)	ND (0.0011)	ND (0.0011)
tert-Butylbenzene	500	-	-	ND (0.0087)	ND (0.00092)	ND (0.0011)	ND (0.00096)	ND (0.00094)	ND (0.0012)	ND (0.0046)	-	-	ND (0.0012)	ND (0.0011)	ND (0.001)	ND (0.001)	ND (0.00094)	ND (0.0011)	ND (0.0011)
Tetrachloroethene	150	-	-	ND (0.0087)	ND (0.00092)	ND (0.0011)	ND (0.00096)	ND (0.00094)	ND (0.0012)	ND (0.0046)	-	-	ND (0.0012)	ND (0.0011)	ND (0.001)	ND (0.001)	ND (0.00094)	ND (0.0011)	ND (0.0011)
Toluene	500	-	-	ND (0.0087)	0.00062 J	0.00056 J	ND (0.00096)	0.00062 J	0.00067 J	ND (0.0046)	-	-	ND (0.0012)	ND (0.0011)	ND (0.001)	ND (0.001)	ND (0.00094)	ND (0.0011)	0.00051 J
trans-1,2-Dichloroethene	500	-	-	ND (0.0087)	ND (0.00092)	ND (0.0011)	ND (0.00096)	ND (0.00094)	ND (0.0012)	ND (0.0046)	-	-	ND (0.0012)	ND (0.0011)	ND (0.001)	ND (0.001)	ND (0.00094)	ND (0.0011)	ND (0.0011)
trans-1,3-Dichloropropene	NA	-	-	ND (0.0087)	ND (0.00092)	ND (0.0011)	ND (0.00096)	ND (0.00094)	ND (0.0012)	ND (0.0046)	-	-	ND (0.0012)	ND (0.0011)	ND (0.001)	ND (0.001)	ND (0.00094)	ND (0.0011)	ND (0.0011)
Trichloroethene	200	-	-	ND (0.0087)	ND (0.00092)	ND (0.0011)	ND (0.00096)	ND (0.00094)	ND (0.0012)	ND (0.0046)	-	-	ND (0.0012)	ND (0.0011)	ND (0.001)	ND (0.001)	ND (0.00094)	ND (0.0011)	ND (0.0011)
Trichlorofluoromethane (CFC-11)	NA	-	-	ND (0.0087)	ND (0.00092)	ND (0.0011)	ND (0.00096)	ND (0.00094)	ND (0.0012)	ND (0.0046)	-	-	ND (0.0012)	ND (0.0011)	ND (0.001)	ND (0.001)	ND (0.00094)	ND (0.0011)	ND (0.0011)
Trifluorotrichloroethane (Freon 113)	NA	-	-	ND (0.0087)	ND (0.00092)	ND (0.0011)	ND (0.00096)	ND (0.00094)	ND (0.0012)	ND (0.0046)	-	-	ND (0.0012)	ND (0.0011)	ND (0.001)	ND (0.001)	ND (0.00094)	ND (0.0011)	ND (0.0011)
Vinyl chloride	13	-	-	ND (0.0087)	ND (0.00092)	ND (0.0011)	ND (0.00096)	ND (0.00094)	ND (0.0012)	ND (0.0046)	-	-	ND (0.0012)	ND (0.0011)	ND (0.001)	ND (0.001)	ND (0.00094)	ND (0.0011)	ND (0.0011)
Xylene (Total)	500	-	-	ND (0.017)	ND (0.0018)	ND (0.0023)	0.00047 J	ND (0.0019)	ND (0.0023)	ND (0.0091)	-	-	ND (0.0024)	ND (0.0023)	ND (0.002)	ND (0.0021)	ND (0.0019)	ND (0.0023)	ND (0.0023)

TABLE 15
SUMMARY OF SOIL QUALITY DATA - BERM 50
FORMER PORT MOBIL TERMINAL
STATEN ISLAND, NEW YORK
FILE NO. 0208998

Location Name	Criteria	50C	50C	50C1	50C1	50C2	50C2	50C2	50C3	50C3	50D	50D	50D1	50D1	50D2	50D2	50D3	50D3	50D4
Sample Name	NY Part 375 Commercial Use Soil Cleanup Objectives	50C_0-4	50C_4-8	50C1_1-2	50C1_5-6	50C2_2-3	50C2_6-7	50C2_7-8	50C3_4-5	50C3_5-6	50D_0-5	50D_5-10	50D1_3-4	50D1_5-6	50D2_1-2	50D2_8-9	50D3_4-5	50D3_9-10	50D4_6-7
Sample Date		10/09/2025	10/09/2025	10/09/2025	10/09/2025	10/09/2025	10/09/2025	10/09/2025	10/09/2025	10/09/2025	10/09/2025	10/09/2025	10/09/2025	10/09/2025	10/09/2025	10/09/2025	10/09/2025	10/09/2025	10/09/2025
Lab Sample ID		460-336881-5	460-336881-6	460-336881-59	460-336881-62	460-336881-60	460-336881-65	460-336881-63	460-336881-61	460-336881-64	460-336881-7	460-336881-8	460-336881-66	460-336881-69	460-336881-67	460-336881-72	460-336881-68	460-336881-71	460-336881-70
Sample Depth (bgs)		0 - 4 (ft)	4 - 8 (ft)	1 - 2 (ft)	5 - 6 (ft)	2 - 3 (ft)	6 - 7 (ft)	7 - 8 (ft)	4 - 5 (ft)	5 - 6 (ft)	0 - 5 (ft)	5 - 10 (ft)	3 - 4 (ft)	5 - 6 (ft)	1 - 2 (ft)	8 - 9 (ft)	4 - 5 (ft)	9 - 10 (ft)	6 - 7 (ft)
Semi-Volatile Organic Compounds (mg/kg)																			
1,2,4,5-Tetrachlorobenzene	NA	ND (0.34)	ND (0.35)	-	-	-	-	-	-	-	ND (0.35)	ND (0.37)	-	-	-	-	-	-	-
1,4-Dioxane	130	ND (0.034)	ND (0.035)	-	-	-	-	-	-	-	ND (0.035)	ND (0.037)	-	-	-	-	-	-	-
2,2'-oxybis(1-Chloropropane)	NA	ND (0.34)	ND (0.35)	-	-	-	-	-	-	-	ND (0.35)	ND (0.37)	-	-	-	-	-	-	-
2,3,4,6-Tetrachlorophenol	NA	ND (0.34)	ND (0.35)	-	-	-	-	-	-	-	ND (0.35)	ND (0.37)	-	-	-	-	-	-	-
2,4,5-Trichlorophenol	NA	ND (0.34)	ND (0.35)	-	-	-	-	-	-	-	ND (0.35)	ND (0.37)	-	-	-	-	-	-	-
2,4,6-Trichlorophenol	NA	ND (0.14)	ND (0.14)	-	-	-	-	-	-	-	ND (0.14)	ND (0.15)	-	-	-	-	-	-	-
2,4-Dichlorophenol	NA	ND (0.14)	ND (0.14)	-	-	-	-	-	-	-	ND (0.14)	ND (0.15)	-	-	-	-	-	-	-
2,4-Dimethylphenol	NA	ND (0.34)	ND (0.35)	-	-	-	-	-	-	-	ND (0.35)	ND (0.37)	-	-	-	-	-	-	-
2,4-Dinitrophenol	NA	ND (0.28)	ND (0.28)	-	-	-	-	-	-	-	ND (0.29)	ND (0.29)	-	-	-	-	-	-	-
2,4-Dinitrotoluene	NA	ND (0.07)	ND (0.071)	-	-	-	-	-	-	-	ND (0.072)	ND (0.074)	-	-	-	-	-	-	-
2,6-Dinitrotoluene	NA	ND (0.07)	ND (0.071)	-	-	-	-	-	-	-	ND (0.072)	ND (0.074)	-	-	-	-	-	-	-
2-Chloronaphthalene	NA	ND (0.34)	ND (0.35)	-	-	-	-	-	-	-	ND (0.35)	ND (0.37)	-	-	-	-	-	-	-
2-Chlorophenol	NA	ND (0.34)	ND (0.35)	-	-	-	-	-	-	-	ND (0.35)	ND (0.37)	-	-	-	-	-	-	-
2-Methylnaphthalene	NA	ND (0.34)	ND (0.35)	-	-	-	-	-	-	-	0.023 J	ND (0.37)	-	-	-	-	-	-	-
2-Methylphenol (o-Cresol)	500	ND (0.34)	ND (0.35)	-	-	-	-	-	-	-	ND (0.35)	ND (0.37)	-	-	-	-	-	-	-
2-Nitroaniline	NA	ND (0.34)	ND (0.35)	-	-	-	-	-	-	-	ND (0.35)	ND (0.37)	-	-	-	-	-	-	-
2-Nitrophenol	NA	ND (0.34)	ND (0.35)	-	-	-	-	-	-	-	ND (0.35)	ND (0.37)	-	-	-	-	-	-	-
3&4-Methylphenol	NA	ND (0.34)	ND (0.35)	-	-	-	-	-	-	-	ND (0.35)	ND (0.37)	-	-	-	-	-	-	-
3,3'-Dichlorobenzidine	NA	ND (0.14)	ND (0.14)	-	-	-	-	-	-	-	ND (0.14)	ND (0.15)	-	-	-	-	-	-	-
3-Nitroaniline	NA	ND (0.34)	ND (0.35)	-	-	-	-	-	-	-	ND (0.35)	ND (0.37)	-	-	-	-	-	-	-
4,6-Dinitro-2-methylphenol	NA	ND (0.28)	ND (0.28)	-	-	-	-	-	-	-	ND (0.29)	ND (0.29)	-	-	-	-	-	-	-
4-Bromophenyl phenyl ether (BDE-3)	NA	ND (0.34)	ND (0.35)	-	-	-	-	-	-	-	ND (0.35)	ND (0.37)	-	-	-	-	-	-	-
4-Chloro-3-methylphenol	NA	ND (0.34)	ND (0.35)	-	-	-	-	-	-	-	ND (0.35)	ND (0.37)	-	-	-	-	-	-	-
4-Chloroaniline	NA	ND (0.34)	ND (0.35)	-	-	-	-	-	-	-	ND (0.35)	ND (0.37)	-	-	-	-	-	-	-
4-Chlorophenyl phenyl ether	NA	ND (0.34)	ND (0.35)	-	-	-	-	-	-	-	ND (0.35)	ND (0.37)	-	-	-	-	-	-	-
4-Methylphenol	500	ND (0.34)	ND (0.35)	-	-	-	-	-	-	-	ND (0.35)	ND (0.37)	-	-	-	-	-	-	-
4-Nitroaniline	NA	ND (0.34)	ND (0.35)	-	-	-	-	-	-	-	ND (0.35)	ND (0.37)	-	-	-	-	-	-	-
4-Nitrophenol	NA	ND (0.7)	ND (0.71)	-	-	-	-	-	-	-	ND (0.72)	ND (0.74)	-	-	-	-	-	-	-
Acenaphthene	500	ND (0.34)	ND (0.35)	-	-	-	-	-	-	-	ND (0.35)	ND (0.37)	-	-	-	-	-	-	-
Acenaphthylene	500	ND (0.34)	ND (0.35)	-	-	-	-	-	-	-	ND (0.35)	ND (0.37)	-	-	-	-	-	-	-
Acetophenone	NA	ND (0.34)	ND (0.35)	-	-	-	-	-	-	-	ND (0.35)	ND (0.37)	-	-	-	-	-	-	-
Anthracene	500	ND (0.34)	0.017 J	-	-	-	-	-	-	-	0.026 J	ND (0.37)	-	-	-	-	-	-	-
Atrazine	NA	ND (0.14) *	ND (0.14) *	-	-	-	-	-	-	-	ND (0.14) *	ND (0.15) *	-	-	-	-	-	-	-
Benzaldehyde	NA	ND (0.34)	ND (0.35)	-	-	-	-	-	-	-	ND (0.35)	ND (0.37)	-	-	-	-	-	-	-
Benzo(a)anthracene	5.6	ND (0.034)	0.032 J	-	-	-	-	-	-	-	ND (0.035)	ND (0.037)	-	-	-	-	-	-	-
Benzo(a)pyrene	1	0.046	0.045	-	-	-	-	-	-	-	ND (0.035)	0.011 J	-	-	-	-	-	-	-
Benzo(b)fluoranthene	5.6	0.036	0.039	-	-	-	-	-	-	-	ND (0.035)	0.018 J	-	-	-	-	-	-	-
Benzo(g,h,i)perylene	500	0.098 J	0.068 J	-	-	-	-	-	-	-	0.018 J	0.013 J	-	-	-	-	-	-	-
Benzo(k)fluoranthene	56	0.014 J	0.014 J	-	-	-	-	-	-	-	ND (0.035)	ND (0.037)	-	-	-	-	-	-	-
Biphenyl	NA	ND (0.34)	ND (0.35)	-	-	-	-	-	-	-	ND (0.35)	ND (0.37)	-	-	-	-	-	-	-
bis(2-Chloroethoxy)methane	NA	ND (0.34)	ND (0.35)	-	-	-	-	-	-	-	ND (0.35)	ND (0.37)	-	-	-	-	-	-	-
bis(2-Chloroethyl)ether	NA	ND (0.034)	ND (0.035)	-	-	-	-	-	-	-	ND (0.035)	ND (0.037)	-	-	-	-	-	-	-
bis(2-Ethylhexyl)phthalate	NA	ND (0.34)	ND (0.35)	-	-	-	-	-	-	-	ND (0.35)	ND (0.37)	-	-	-	-	-	-	-
Butyl benzylphthalate (BBP)	NA	ND (0.34)	ND (0.35)	-	-	-	-	-	-	-	ND (0.35)	ND (0.37)	-	-	-	-	-	-	-
Caprolactam	NA	ND (0.34) *	ND (0.35) *	-	-	-	-	-	-	-	ND (0.35) *	ND (0.37) *	-	-	-	-	-	-	-
Carbazole	NA	ND (0.34)	ND (0.35)	-	-	-	-	-	-	-	ND (0.35)	ND (0.37)	-	-	-	-	-	-	-
Chrysene	56	0.025 J	0.031 J	-	-	-	-	-	-	-	ND (0.35)	ND (0.37)	-	-	-	-	-	-	-
Dibenz(a,h)anthracene	0.56	ND (0.034)	ND (0.035)	-	-	-	-	-	-	-	ND (0.035)	ND (0.037)	-	-	-	-	-	-	-
Dibenzofuran	350	ND (0.34)	ND (0.35)	-	-	-	-	-	-	-	ND (0.35)	ND (0.37)	-	-	-	-	-	-	-
Diethyl phthalate	NA	ND (0.34)	ND (0.35)	-	-	-	-	-	-	-	ND (0.35)	ND (0.37)	-	-	-	-	-	-	-
Dimethyl phthalate	NA	ND (0.34)	ND (0.35)	-	-	-	-	-	-	-	ND (0.35)	ND (0.37)	-	-	-	-	-	-	-
Di-n-butylphthalate (DBP)	NA	ND (0.34)	ND (0.35)	-	-	-	-	-	-	-	ND (0.35)	ND (0.37)	-	-	-	-	-	-	-
Di-n-octyl phthalate (DnOP)	NA	ND (0.34)	ND (0.35)	-	-	-	-	-	-	-	ND (0.35)	ND (0.37)	-	-	-	-	-	-	-
Fluoranthene	500	0.039 J	0.056 J	-	-	-	-	-	-	-	ND (0.35)	0.017 J	-	-	-	-	-	-	-
Fluorene	500	ND (0.34)	ND (0.35)	-	-	-	-	-	-	-	ND (0.35)	ND (0.37)	-	-	-	-	-	-	-
Hexachlorobenzene	6	ND (0.034)	ND (0.035)	-	-	-	-	-	-	-	ND (0.035)	ND (0.037)	-	-	-	-	-	-	-
Hexachlorobutadiene	NA	ND (0.07)	ND (0.071)	-	-	-	-	-	-	-	ND (0.072)	ND (0.074)	-	-	-	-	-	-	-
Hexachlorocyclopentadiene	NA	ND (0.34)	ND (0.35)	-	-	-	-	-	-	-	ND (0.35)	ND (0.37)	-	-	-	-	-	-	-
Hexachloroethane	NA	ND (0.034)	ND (0.035)	-	-	-	-	-	-	-	ND (0.035)	ND (0.037)	-	-	-	-	-	-	-
Indeno(1,2,3-cd)pyrene	5.6	0.054	0.051	-	-	-	-	-	-	-	0.031 J	0.03 J	-	-	-	-	-	-	-
Isophorone	NA	ND (0.14)	ND (0.14)	-	-	-	-	-	-	-	ND (0.14)	ND (0.15)	-	-	-	-	-	-	-
Naphthalene	500	ND (0.34)	ND (0.35)	-	-	-	-	-	-	-	0.012 J	ND (0.37)	-	-	-	-	-	-	-
Nitrobenzene	NA	ND (0.034)	ND (0.035)	-	-	-	-	-	-	-	ND (0.035)	ND (0.037)	-	-	-	-	-	-	-
N-Nitrosodi-n-propylamine	NA	ND (0.034)	ND (0.035)	-	-	-	-	-	-	-	ND (0.035)	ND (0.037)	-	-	-	-	-	-	-
N-Nitrosodiphenylamine	NA	ND (0.34)	ND (0.35)	-	-	-	-	-	-	-	ND (0.35)	ND (0.37)	-	-	-	-	-	-	-
Pentachlorophenol	6.7	ND (0.28)	ND (0.28)	-	-	-	-	-	-	-	ND (0.29)	ND (0.29)	-	-	-	-	-	-	-
Phenanthrene	500	0.019 J	0.032 J	-	-	-	-	-	-	-	ND (0.35)	ND (0.37)	-	-	-	-	-	-	-
Phenol	500	ND (0.34)	ND (0.35)	-	-	-	-	-	-	-	ND (0.35)	ND (0.37)	-	-	-	-	-	-	-
Pyrene	500	0.062 J	0.061 J	-	-	-	-	-	-	-	0.013 J	0.017 J	-	-	-	-	-	-	-

TABLE 15
SUMMARY OF SOIL QUALITY DATA - BERM 50
FORMER PORT MOBIL TERMINAL
STATEN ISLAND, NEW YORK
FILE NO. 0208998

	Criteria																		
Location Name	NY Part 375	50C	50C	50C1	50C1	50C2	50C2	50C2	50C3	50C3	50D	50D	50D1	50D1	50D2	50D2	50D3	50D3	50D4
Sample Name	Commercial	50C_0-4	50C_4-8	50C1_1-2	50C1_5-6	50C2_2-3	50C2_6-7	50C2_7-8	50C3_4-5	50C3_5-6	50D_0-5	50D_5-10	50D1_3-4	50D1_5-6	50D2_1-2	50D2_8-9	50D3_4-5	50D3_9-10	50D4_6-7
Sample Date	Use	10/09/2025	10/09/2025	10/09/2025	10/09/2025	10/09/2025	10/09/2025	10/09/2025	10/09/2025	10/09/2025	10/09/2025	10/09/2025	10/09/2025	10/09/2025	10/09/2025	10/09/2025	10/09/2025	10/09/2025	10/09/2025
Lab Sample ID	Soil Cleanup	460-336881-5	460-336881-6	460-336881-59	460-336881-62	460-336881-60	460-336881-65	460-336881-63	460-336881-61	460-336881-64	460-336881-7	460-336881-8	460-336881-66	460-336881-69	460-336881-67	460-336881-72	460-336881-68	460-336881-71	460-336881-70
Sample Depth (bgs)	Objectives	0 - 4 (ft)	4 - 8 (ft)	1 - 2 (ft)	5 - 6 (ft)	2 - 3 (ft)	6 - 7 (ft)	7 - 8 (ft)	4 - 5 (ft)	5 - 6 (ft)	0 - 5 (ft)	5 - 10 (ft)	3 - 4 (ft)	5 - 6 (ft)	1 - 2 (ft)	8 - 9 (ft)	4 - 5 (ft)	9 - 10 (ft)	6 - 7 (ft)
PFAS (mg/kg)																			
11-Chloroeicosafluoro-3-Oxaundecane-1-Sulfonic Acid (11Cl-PF3OUdS)	NA	ND (0.00019)	ND (0.0002)	-	-	-	-	-	-	-	ND (0.0002)	ND (0.0002)	-	-	-	-	-	-	-
2H,2H,3H,3H-Perfluorooctanoic acid (5:3 FTCA)	NA	ND (0.00097)	ND (0.00098)	-	-	-	-	-	-	-	ND (0.00099)	ND (0.00098)	-	-	-	-	-	-	-
3-(Perfluoroheptyl)propanoic acid (7:3 FTCA)	NA	ND (0.00097)	ND (0.00098)	-	-	-	-	-	-	-	ND (0.00099)	ND (0.00098)	-	-	-	-	-	-	-
3:3 Fluorotelomer carboxylic acid (3:3 FTCA)	NA	ND (0.00039)	ND (0.00039)	-	-	-	-	-	-	-	ND (0.0004)	ND (0.00039)	-	-	-	-	-	-	-
4,8-Dioxa-3H-Perfluorononanoic Acid (ADONA)	NA	ND (0.00019)	ND (0.0002)	-	-	-	-	-	-	-	ND (0.0002)	ND (0.0002)	-	-	-	-	-	-	-
4:2 Fluorotelomer sulfonic acid (4:2 FTS)	NA	ND (0.00039)	ND (0.00039)	-	-	-	-	-	-	-	ND (0.0004)	ND (0.00039)	-	-	-	-	-	-	-
6:2 Fluorotelomer sulfonic acid (6:2 FTS)	NA	ND (0.00039)	ND (0.00039)	-	-	-	-	-	-	-	0.00024 J	ND (0.00039)	-	-	-	-	-	-	-
8:2 Fluorotelomer sulfonic acid (8:2 FTS)	NA	0.00035 J	ND (0.00039)	-	-	-	-	-	-	-	0.00067	ND (0.00039)	-	-	-	-	-	-	-
9-Chlorohexadecafluoro-3-Oxanone-1-Sulfonic Acid (9Cl-PF3ONS)	NA	ND (0.00019)	ND (0.0002)	-	-	-	-	-	-	-	ND (0.0002)	ND (0.0002)	-	-	-	-	-	-	-
N-Ethyl Perfluorooctanesulfonamidoacetic Acid (NEtFOSAA)	NA	ND (0.00019)	ND (0.0002)	-	-	-	-	-	-	-	ND (0.0002)	ND (0.0002)	-	-	-	-	-	-	-
N-Ethylperfluorooctane sulfonamide (N-EtFOSA)	NA	ND (0.00019)	ND (0.0002)	-	-	-	-	-	-	-	ND (0.0002)	ND (0.0002)	-	-	-	-	-	-	-
N-Ethylperfluorooctane sulfonamidoethanol (N-EtFOSE)	NA	ND (0.00097)	ND (0.00098)	-	-	-	-	-	-	-	ND (0.00099)	ND (0.00098)	-	-	-	-	-	-	-
N-Methyl Perfluorooctanesulfonamidoacetic Acid (NMeFOSAA)	NA	ND (0.00019)	ND (0.0002)	-	-	-	-	-	-	-	ND (0.0002)	ND (0.0002)	-	-	-	-	-	-	-
N-Methylperfluorooctane sulfonamide (N-MeFOSA)	NA	ND (0.00019)	ND (0.0002)	-	-	-	-	-	-	-	ND (0.0002)	ND (0.0002)	-	-	-	-	-	-	-
N-Methylperfluorooctane sulfonamidoethanol (N-MeFOSE)	NA	ND (0.00097)	ND (0.00098)	-	-	-	-	-	-	-	ND (0.00099)	ND (0.00098)	-	-	-	-	-	-	-
Nonafluoro-3,6-dioxaheptanoic acid (NFDHA)	NA	ND (0.00019)	ND (0.0002)	-	-	-	-	-	-	-	ND (0.0002)	ND (0.0002)	-	-	-	-	-	-	-
Perfluoro(2-ethoxyethane) sulphonic acid (PFEESA)	NA	ND (0.00019)	ND (0.0002)	-	-	-	-	-	-	-	ND (0.0002)	ND (0.0002)	-	-	-	-	-	-	-
Perfluoro(4-methoxybutanoic) acid (PFMBA)	NA	ND (0.00019)	ND (0.0002)	-	-	-	-	-	-	-	ND (0.0002)	ND (0.0002)	-	-	-	-	-	-	-
Perfluoro-2-propoxypropanoic acid (PFPrOPrA)(GenX) (HFPO-DA)	NA	ND (0.00019)	ND (0.0002)	-	-	-	-	-	-	-	ND (0.0002)	ND (0.0002)	-	-	-	-	-	-	-
Perfluoro-3-methoxypropanoic acid (PFMPA)	NA	ND (0.00019)	ND (0.0002)	-	-	-	-	-	-	-	ND (0.0002)	ND (0.0002)	-	-	-	-	-	-	-
Perfluorobutanesulfonic acid (PFBS)	NA	ND (0.00019)	ND (0.0002)	-	-	-	-	-	-	-	ND (0.0002)	ND (0.0002)	-	-	-	-	-	-	-
Perfluorobutanoic acid (PFBA)	NA	ND (0.00039)	ND (0.00039)	-	-	-	-	-	-	-	ND (0.0004)	ND (0.00039)	-	-	-	-	-	-	-
Perfluorodecanesulfonic acid (PFDS)	NA	ND (0.00019)	ND (0.0002)	-	-	-	-	-	-	-	ND (0.0002)	ND (0.0002)	-	-	-	-	-	-	-
Perfluorodecanoic acid (PFDA)	NA	ND (0.00019)	0.00022	-	-	-	-	-	-	-	0.001	0.00028	-	-	-	-	-	-	-
Perfluorododecane sulfonic acid (PFDoDS)	NA	ND (0.00019)	ND (0.0002)	-	-	-	-	-	-	-	ND (0.0002)	ND (0.0002)	-	-	-	-	-	-	-
Perfluorododecanoic acid (PFDoDA)	NA	ND (0.00019)	ND (0.0002)	-	-	-	-	-	-	-	ND (0.0002)	0.00018 J	-	-	-	-	-	-	-
Perfluoroheptanesulfonic acid (PFHpS)	NA	ND (0.00019)	ND (0.0002)	-	-	-	-	-	-	-	ND (0.0002)	ND (0.0002)	-	-	-	-	-	-	-
Perfluoroheptanoic acid (PFHpA)	NA	ND (0.00019)	ND (0.0002)	-	-	-	-	-	-	-	ND (0.0002)	ND (0.0002)	-	-	-	-	-	-	-
Perfluorohexanesulfonic acid (PFHxS)	NA	ND (0.00019)	ND (0.0002)	-	-	-	-	-	-	-	ND (0.0002)	ND (0.0002)	-	-	-	-	-	-	-
Perfluorohexanoic acid (PFHxA)	NA	ND (0.00019)	ND (0.0002)	-	-	-	-	-	-	-	ND (0.0002)	ND (0.0002)	-	-	-	-	-	-	-
Perfluorononane sulfonic acid (PFNS)	NA	ND (0.00019)	ND (0.0002)	-	-	-	-	-	-	-	ND (0.0002)	ND (0.0002)	-	-	-	-	-	-	-
Perfluorononanoic acid (PFNA)	NA	0.00117	0.00056	-	-	-	-	-	-	-	0.00064	0.00022	-	-	-	-	-	-	-
Perfluorooctane sulfonamide (PFOSA)	NA	ND (0.00019)	ND (0.0002)	-	-	-	-	-	-	-	ND (0.0002)	ND (0.0002)	-	-	-	-	-	-	-
Perfluorooctanesulfonic acid (PFOS)	0.44	ND (0.00019)	ND (0.0002)	-	-	-	-	-	-	-	ND (0.0002)	ND (0.0002)	-	-	-	-	-	-	-
Perfluorooctanoic acid (PFOA)	0.5	0.00015 J	ND (0.00012)	-	-	-	-	-	-	-	0.00061 G	0.00011 J	-	-	-	-	-	-	-
Perfluoropentanesulfonic acid (PFPeS)	NA	ND (0.00019)	ND (0.0002)	-	-	-	-	-	-	-	ND (0.0002)	ND (0.0002)	-	-	-	-	-	-	-
Perfluoropentanoic acid (PFPeA)	NA	ND (0.00019)	ND (0.0002)	-	-	-	-	-	-	-	ND (0.0002)	ND (0.0002)	-	-	-	-	-	-	-
Perfluorotetradecanoic acid (PFTeDA)	NA	0.00013 J	ND (0.0002)	-	-	-	-	-	-	-	0.00037	ND (0.0002)	-	-	-	-	-	-	-
Perfluorotridecanoic acid (PFTrDA)	NA	0.00267	0.00298	-	-	-	-	-	-	-	0.00911	0.00105	-	-	-	-	-	-	-
Perfluoroundecanoic acid (PFUnDA)	NA	0.00515	0.00505	-	-	-	-	-	-	-	0.0105	0.00193	-	-	-	-	-	-	-
Pesticides (mg/kg)																			
4,4'-DDD	92	ND (0.007)	ND (0.0071)	-	-	-	-	-	-	-	ND (0.0073)	ND (0.0074)	-	-	-	-	-	-	-
4,4'-DDE	62	ND (0.007)	ND (0.0071)	-	-	-	-	-	-	-	ND (0.0073)	ND (0.0074)	-	-	-	-	-	-	-
4,4'-DDT	47	ND (0.007)	ND (0.0071)	-	-	-	-	-	-	-	ND (0.0073)	ND (0.0074)	-	-	-	-	-	-	-
Aldrin	0.68	ND (0.007)	ND (0.0071)	-	-	-	-	-	-	-	ND (0.0073)	ND (0.0074)	-	-	-	-	-	-	-
alpha-BHC	3.4	ND (0.0021) *	ND (0.0021) *	-	-	-	-	-	-	-	ND (0.0022) *	ND (0.0022) *	-	-	-	-	-	-	-
alpha-Chlordane (cis)	24	ND (0.007)	ND (0.0071)	-	-	-	-	-	-	-	ND (0.0073)	ND (0.0074)	-	-	-	-	-	-	-
beta-BHC	3	ND (0.0021)	ND (0.0021)	-	-	-	-	-	-	-	ND (0.0022)	ND (0.0022)	-	-	-	-	-	-	-
Chlordane	NA	ND (0.07)	ND (0.071)	-	-	-	-	-	-	-	ND (0.073)	ND (0.074)	-	-	-	-	-	-	-
delta-BHC	500	ND (0.0021) *	ND (0.0021) *	-	-	-	-	-	-	-	ND (0.0022) *	ND (0.0022) *	-	-	-	-	-	-	-
Dieldrin	1.4	ND (0.0021) *	ND (0.0021) *	-	-	-	-	-	-	-	ND (0.0022) *	ND (0.0022) *	-	-	-	-	-	-	-
Endosulfan I	200	ND (0.007)	ND (0.0071)	-	-	-	-	-	-	-	ND (0.0073)	ND (0.0074)	-	-	-	-	-	-	-
Endosulfan II	200	ND (0.007)	ND (0.0071)	-	-	-	-	-	-	-	ND (0.0073)	ND (0.0074)	-	-	-	-	-	-	-
Endosulfan sulfate	200	ND (0.007)	ND (0.0071)	-	-	-	-	-	-	-	ND (0.0073)	ND (0.0074)	-	-	-	-	-	-	-
Endrin	89	ND (0.007)	ND (0.0071)	-	-	-	-	-	-	-	ND (0.0073)	ND (0.0074)	-	-	-	-	-	-	-
Endrin aldehyde	NA	ND (0.007)	ND (0.0071)	-	-	-	-	-	-	-	ND (0.0073)	ND (0.0074)	-	-	-	-	-	-	-
Endrin ketone	NA	ND (0.007)	ND (0.0071)	-	-	-	-	-	-	-	ND (0.0073)	ND (0.0074)	-	-	-	-	-	-	-
gamma-BHC (Lindane)	9.2	ND (0.0021)	ND (0.0021)	-	-	-	-	-	-	-	ND (0.0022)	ND (0.0022)	-	-	-	-	-	-	-
Heptachlor	15	ND (0.007)	ND (0.0071)	-	-	-	-	-	-	-	ND (0.0073)	ND (0.0074)	-	-	-	-	-	-	-
Heptachlor epoxide	NA	ND (0.007)	ND (0.0071)	-	-	-	-	-	-	-	ND (0.0073)	ND (0.0074)	-	-	-	-	-	-	-
Methoxychlor	NA	ND (0.007)	ND (0.0071)	-	-	-	-	-	-	-	ND (0.0073)	ND (0.0074)	-	-	-	-	-	-	-
Toxaphene	NA	ND (0.07)	ND (0.071)	-	-	-	-	-	-	-	ND (0.073)	ND (0.074)	-	-	-	-	-	-	-

TABLE 15
SUMMARY OF SOIL QUALITY DATA - BERM 50
FORMER PORT MOBIL TERMINAL
STATEN ISLAND, NEW YORK
FILE NO. 0208998

Location Name	Criteria	50C	50C	50C1	50C1	50C2	50C2	50C2	50C3	50C3	50D	50D	50D1	50D1	50D2	50D2	50D3	50D3	50D4
Sample Name	NY Part 375 Commercial Use Soil Cleanup Objectives	50C_0-4	50C_4-8	50C1_1-2	50C1_5-6	50C2_2-3	50C2_6-7	50C2_7-8	50C3_4-5	50C3_5-6	50D_0-5	50D_5-10	50D1_3-4	50D1_5-6	50D2_1-2	50D2_8-9	50D3_4-5	50D3_9-10	50D4_6-7
Sample Date		10/09/2025	10/09/2025	10/09/2025	10/09/2025	10/09/2025	10/09/2025	10/09/2025	10/09/2025	10/09/2025	10/09/2025	10/09/2025	10/09/2025	10/09/2025	10/09/2025	10/09/2025	10/09/2025	10/09/2025	10/09/2025
Lab Sample ID		460-336881-5	460-336881-6	460-336881-59	460-336881-62	460-336881-60	460-336881-65	460-336881-63	460-336881-61	460-336881-64	460-336881-7	460-336881-8	460-336881-66	460-336881-69	460-336881-67	460-336881-72	460-336881-68	460-336881-71	460-336881-70
Sample Depth (bgs)		0 - 4 (ft)	4 - 8 (ft)	1 - 2 (ft)	5 - 6 (ft)	2 - 3 (ft)	6 - 7 (ft)	7 - 8 (ft)	4 - 5 (ft)	5 - 6 (ft)	0 - 5 (ft)	5 - 10 (ft)	3 - 4 (ft)	5 - 6 (ft)	1 - 2 (ft)	8 - 9 (ft)	4 - 5 (ft)	9 - 10 (ft)	6 - 7 (ft)
Polychlorinated Biphenyls (mg/kg)																			
Aroclor-1016 (PCB-1016)	NA	ND (0.07)	ND (0.071)	-	-	-	-	-	-	-	ND (0.073)	ND (0.074)	-	-	-	-	-	-	-
Aroclor-1221 (PCB-1221)	NA	ND (0.07)	ND (0.071)	-	-	-	-	-	-	-	ND (0.073)	ND (0.074)	-	-	-	-	-	-	-
Aroclor-1232 (PCB-1232)	NA	ND (0.07)	ND (0.071)	-	-	-	-	-	-	-	ND (0.073)	ND (0.074)	-	-	-	-	-	-	-
Aroclor-1242 (PCB-1242)	NA	ND (0.07)	ND (0.071)	-	-	-	-	-	-	-	ND (0.073)	ND (0.074)	-	-	-	-	-	-	-
Aroclor-1248 (PCB-1248)	NA	ND (0.07)	ND (0.071)	-	-	-	-	-	-	-	ND (0.073)	ND (0.074)	-	-	-	-	-	-	-
Aroclor-1254 (PCB-1254)	NA	ND (0.07)	ND (0.071)	-	-	-	-	-	-	-	ND (0.073)	ND (0.074)	-	-	-	-	-	-	-
Aroclor-1260 (PCB-1260)	NA	ND (0.07)	ND (0.071)	-	-	-	-	-	-	-	ND (0.073)	ND (0.074)	-	-	-	-	-	-	-
Aroclor-1262 (PCB-1262)	NA	ND (0.07)	ND (0.071)	-	-	-	-	-	-	-	ND (0.073)	ND (0.074)	-	-	-	-	-	-	-
Aroclor-1268 (PCB-1268)	NA	ND (0.07)	ND (0.071)	-	-	-	-	-	-	-	ND (0.073)	ND (0.074)	-	-	-	-	-	-	-
Total PCBs	1	ND (0.07)	ND (0.071)	-	-	-	-	-	-	-	ND (0.073)	ND (0.074)	-	-	-	-	-	-	-
Inorganic Compounds (mg/kg)																			
Aluminum	NA	5280	5170	-	-	-	-	-	-	-	7430	8960	-	-	-	-	-	-	-
Antimony	NA	2.3	2.9	-	-	-	-	-	-	-	5.5	2.7	-	-	-	-	-	-	-
Arsenic	16	7.5	9.3	-	-	-	-	-	-	-	12.6	6.3	-	-	-	-	-	-	-
Barium	400	37.5	38.1	-	-	-	-	-	-	-	50	65.6	-	-	-	-	-	-	-
Beryllium	590	1.1	0.84	-	-	-	-	-	-	-	1.8	0.65	-	-	-	-	-	-	-
Cadmium	9.3	0.22 J	0.24 J	-	-	-	-	-	-	-	0.42 J	0.26 J	-	-	-	-	-	-	-
Calcium	NA	982	5380	-	-	-	-	-	-	-	1060	961	-	-	-	-	-	-	-
Chromium	NA	22.1	17.1	-	-	-	-	-	-	-	25.8	16.5	-	-	-	-	-	-	-
Cobalt	NA	5.3	4.7	-	-	-	-	-	-	-	6.9	5.3	-	-	-	-	-	-	-
Copper	270	65.4	73	-	-	-	-	-	-	-	116	50.2	-	-	-	-	-	-	-
Iron	NA	17500	17900	-	-	-	-	-	-	-	21400	16200	-	-	-	-	-	-	-
Lead	1000	137	151	-	-	-	-	-	-	-	288	108	-	-	-	-	-	-	-
Magnesium	NA	1370	3730	-	-	-	-	-	-	-	1710	1950	-	-	-	-	-	-	-
Manganese	10000	115	111	-	-	-	-	-	-	-	115	155	-	-	-	-	-	-	-
Mercury	2.8	0.021	0.037	-	-	-	-	-	-	-	0.053	0.057	-	-	-	-	-	-	-
Nickel	310	23.2	21.6	-	-	-	-	-	-	-	31.7	15	-	-	-	-	-	-	-
Potassium	NA	1110	1140	-	-	-	-	-	-	-	1150	1000	-	-	-	-	-	-	-
Selenium	1500	0.39 J	0.41 J	-	-	-	-	-	-	-	0.66 J	0.55 J	-	-	-	-	-	-	-
Silver	1500	0.23 J	0.36	-	-	-	-	-	-	-	0.67	0.35	-	-	-	-	-	-	-
Sodium	NA	80.3 J	73.4 J	-	-	-	-	-	-	-	87.4	72.2 J	-	-	-	-	-	-	-
Thallium	NA	0.058 J	0.059 J	-	-	-	-	-	-	-	0.087 J	0.11 J	-	-	-	-	-	-	-
Vanadium	NA	23.3	23.8	-	-	-	-	-	-	-	33.9	27.8	-	-	-	-	-	-	-
Zinc	10000	224	228	-	-	-	-	-	-	-	348	103	-	-	-	-	-	-	-

ABBREVIATIONS AND NOTES:

mg/kg: milligram per kilogram

**: LCS or LCSD is outside acceptance limits.*
-: Not Analyzed
B: Compound was found in the blank and the associated sample.
bgs: below ground surface
ft: feet
J: Value is estimated.
NA: Not Applicable
ND (2.5): Not detected, number in parentheses is the laboratory reporting limit

- For test methods used, see the laboratory data sheets.
- Soil analytical results are compared to the New York State Department of Environmental Conservation (NYSDEC) Title 6 of the Official Compilation of New York Codes, Rules, and Regulations (NYCRR) Part 375 Commercial Use Soil Cleanup Objectives (SCO).
- Grey shading indicates an exceedance of the Commercial Use Soil Cleanup Objectives.

TABLE 16
SUMMARY OF SOIL QUALITY DATA - BERM 51
FORMER PORT MOBIL TERMINAL
STATEN ISLAND, NEW YORK
FILE NO. 0208998

	Criteria																		
Location Name	NY Part 375	51A	51A	51A1	51A1	51A2	51A2	51A3	51A4	51A5	51B	51B	51B1	51B1	51B2	51B3	51B3	51B4	51B5
Sample Name	Commercial	51A_0-4	51A_4-8	51A1_3-4	51A1_6-7	51A2_1-2	51A2_3-4	51A3_2-3	51A4_4-5	51A5_5-6	51B_0-4	51B_4-8	51B1_1-2	51B1_5-6	51B2_2-3	51B3_4-5	51B3_6-7	51B4_5-6	51B5_7-8
Sample Date	Use	10/10/2025	10/10/2025	10/10/2025	10/10/2025	10/10/2025	10/10/2025	10/10/2025	10/10/2025	10/10/2025	10/10/2025	10/10/2025	10/10/2025	10/10/2025	10/10/2025	10/10/2025	10/10/2025	10/10/2025	10/10/2025
Lab Sample ID	Soil Cleanup	460-337049-11	460-337049-12	460-337049-15	460-337049-20	460-337049-16	460-337049-21	460-337049-17	460-337049-18	460-337049-19	460-337049-13	460-337049-14	460-337049-22	460-337049-27	460-337049-23	460-337049-24	460-337049-28	460-337049-25	460-337049-26
Sample Depth (bgs)	Objectives	0 - 4 (ft)	4 - 8 (ft)	3 - 4 (ft)	6 - 7 (ft)	1 - 2 (ft)	3 - 4 (ft)	2 - 3 (ft)	4 - 5 (ft)	5 - 6 (ft)	0 - 4 (ft)	4 - 8 (ft)	1 - 2 (ft)	5 - 6 (ft)	2 - 3 (ft)	4 - 5 (ft)	6 - 7 (ft)	5 - 6 (ft)	7 - 8 (ft)
Volatile Organic Compounds (mg/kg)																			
1,1,1-Trichloroethane	500	ND (0.001)	ND (0.00098)	ND (0.00089)	ND (0.0009)	ND (0.0012)	ND (0.001)	ND (0.00089)	ND (0.001)	ND (0.00082)	ND (0.001)	ND (0.001)	ND (0.00096)	ND (0.0013)	ND (0.00099)	ND (0.0011)	ND (0.001)	ND (0.0011)	ND (0.0012)
1,1,2,2-Tetrachloroethane	NA	ND (0.001)	ND (0.00098)	ND (0.00089)	ND (0.0009)	ND (0.0012)	ND (0.001)	ND (0.00089)	ND (0.001)	ND (0.00082)	ND (0.001)	ND (0.001)	ND (0.00096)	ND (0.0013)	ND (0.00099)	ND (0.0011)	ND (0.001)	ND (0.0011)	ND (0.0012)
1,1,2-Trichloroethane	NA	ND (0.001)	ND (0.00098)	ND (0.00089)	ND (0.0009)	ND (0.0012)	ND (0.001)	ND (0.00089)	ND (0.001)	ND (0.00082)	ND (0.001)	ND (0.001)	ND (0.00096)	ND (0.0013)	ND (0.00099)	ND (0.0011)	ND (0.001)	ND (0.0011)	ND (0.0012)
1,1-Dichloroethane	240	ND (0.001)	ND (0.00098)	ND (0.00089)	ND (0.0009)	ND (0.0012)	ND (0.001)	ND (0.00089)	ND (0.001)	ND (0.00082)	ND (0.001)	ND (0.001)	ND (0.00096)	ND (0.0013)	ND (0.00099)	ND (0.0011)	ND (0.001)	ND (0.0011)	ND (0.0012)
1,1-Dichloroethene	500	ND (0.001)	ND (0.00098)	ND (0.00089)	ND (0.0009)	ND (0.0012)	ND (0.001)	ND (0.00089)	ND (0.001)	ND (0.00082)	ND (0.001)	ND (0.001)	ND (0.00096)	ND (0.0013)	ND (0.00099)	ND (0.0011)	ND (0.001)	ND (0.0011)	ND (0.0012)
1,2,3-Trichlorobenzene	NA	ND (0.001)	ND (0.00098)	ND (0.00089)	ND (0.0009)	ND (0.0012)	ND (0.001)	ND (0.00089)	ND (0.001)	ND (0.00082)	ND (0.001)	ND (0.001)	ND (0.00096)	ND (0.0013)	ND (0.00099)	ND (0.0011)	ND (0.001)	ND (0.0011)	ND (0.0012)
1,2,4-Trichlorobenzene	NA	ND (0.001)	ND (0.00098)	ND (0.00089)	ND (0.0009)	ND (0.0012)	ND (0.001)	ND (0.00089)	ND (0.001)	ND (0.00082)	ND (0.001)	ND (0.001)	ND (0.00096)	ND (0.0013)	ND (0.00099)	ND (0.0011)	ND (0.001)	ND (0.0011)	ND (0.0012)
1,2,4-Trimethylbenzene	190	ND (0.001)	ND (0.00098)	ND (0.00089)	ND (0.0009)	ND (0.0012)	ND (0.001)	ND (0.00089)	ND (0.001)	ND (0.00082)	ND (0.001)	ND (0.001)	ND (0.00096)	ND (0.0013)	ND (0.00099)	ND (0.0011)	ND (0.001)	ND (0.0011)	ND (0.0012)
1,2-Dibromo-3-chloropropane (DBCP)	NA	ND (0.001)	ND (0.00098)	ND (0.00089)	ND (0.0009)	ND (0.0012)	ND (0.001)	ND (0.00089)	ND (0.001)	ND (0.00082)	ND (0.001)	ND (0.001)	ND (0.00096)	ND (0.0013)	ND (0.00099)	ND (0.0011)	ND (0.001)	ND (0.0011)	ND (0.0012)
1,2-Dibromoethane (Ethylene Dibromide)	NA	ND (0.001)	ND (0.00098)	ND (0.00089)	ND (0.0009)	ND (0.0012)	ND (0.001)	ND (0.00089)	ND (0.001)	ND (0.00082)	ND (0.001)	ND (0.001)	ND (0.00096)	ND (0.0013)	ND (0.00099)	ND (0.0011)	ND (0.001)	ND (0.0011)	ND (0.0012)
1,2-Dichlorobenzene	500	ND (0.001)	ND (0.00098)	ND (0.00089)	ND (0.0009)	ND (0.0012)	ND (0.001)	ND (0.00089)	ND (0.001)	ND (0.00082)	ND (0.001)	ND (0.001)	ND (0.00096)	ND (0.0013)	ND (0.00099)	ND (0.0011)	ND (0.001)	ND (0.0011)	ND (0.0012)
1,2-Dichloroethane	30	ND (0.001)	ND (0.00098)	ND (0.00089)	ND (0.0009)	ND (0.0012)	ND (0.001)	ND (0.00089)	ND (0.001)	ND (0.00082)	ND (0.001)	ND (0.001)	ND (0.00096)	ND (0.0013)	ND (0.00099)	ND (0.0011)	ND (0.001)	ND (0.0011)	ND (0.0012)
1,2-Dichloropropane	NA	ND (0.001)	ND (0.00098)	ND (0.00089)	ND (0.0009)	ND (0.0012)	ND (0.001)	ND (0.00089)	ND (0.001)	ND (0.00082)	ND (0.001)	ND (0.001)	ND (0.00096)	ND (0.0013)	ND (0.00099)	ND (0.0011)	ND (0.001)	ND (0.0011)	ND (0.0012)
1,3,5-Trimethylbenzene	190	ND (0.001)	ND (0.00098)	ND (0.00089)	ND (0.0009)	ND (0.0012)	ND (0.001)	ND (0.00089)	ND (0.001)	ND (0.00082)	ND (0.001)	ND (0.001)	ND (0.00096)	ND (0.0013)	ND (0.00099)	ND (0.0011)	ND (0.001)	ND (0.0011)	ND (0.0012)
1,3-Dichlorobenzene	280	ND (0.001)	ND (0.00098)	ND (0.00089)	ND (0.0009)	ND (0.0012)	ND (0.001)	ND (0.00089)	ND (0.001)	ND (0.00082)	ND (0.001)	ND (0.001)	ND (0.00096)	ND (0.0013)	ND (0.00099)	ND (0.0011)	ND (0.001)	ND (0.0011)	ND (0.0012)
1,4-Dichlorobenzene	130	ND (0.001)	ND (0.00098)	ND (0.00089)	ND (0.0009)	ND (0.0012)	ND (0.001)	ND (0.00089)	ND (0.001)	ND (0.00082)	ND (0.001)	ND (0.001)	ND (0.00096)	ND (0.0013)	ND (0.00099)	ND (0.0011)	ND (0.001)	ND (0.0011)	ND (0.0012)
2-Butanone (Methyl Ethyl Ketone)	500	ND (0.005)	ND (0.0049)	ND (0.0045)	ND (0.0045)	ND (0.0059)	ND (0.005)	ND (0.0045)	ND (0.0052)	ND (0.0041)	ND (0.0052)	0.0034 J	ND (0.0048)	ND (0.0063)	ND (0.005)	ND (0.0055)	ND (0.0051)	ND (0.0053)	0.0076
2-Hexanone (Methyl Butyl Ketone)	NA	ND (0.005)	ND (0.0049)	ND (0.0045) *	ND (0.0045) *	ND (0.0059) *	ND (0.005) *	ND (0.0045) *	ND (0.0052) *	ND (0.0041) *	ND (0.0052)	ND (0.0052)	ND (0.0048) *	ND (0.0063)	ND (0.005) *	ND (0.0055)	ND (0.0051)	ND (0.0053)	ND (0.0059)
2-Phenylbutane (sec-Butylbenzene)	500	ND (0.001)	ND (0.00098)	ND (0.00089)	ND (0.0009)	ND (0.0012)	ND (0.001)	ND (0.00089)	ND (0.001)	ND (0.00082)	ND (0.001)	ND (0.001)	ND (0.00096)	ND (0.0013)	ND (0.00099)	ND (0.0011)	ND (0.001)	ND (0.0011)	ND (0.0012)
4-Methyl-2-Pentanone (Methyl Isobutyl Ketone)	NA	ND (0.005)	ND (0.0049)	ND (0.0045) *	ND (0.0045) *	ND (0.0059) *	ND (0.005) *	ND (0.0045) *	ND (0.0052) *	ND (0.0041) *	ND (0.0052)	ND (0.0052)	ND (0.0048) *	ND (0.0063)	ND (0.005) *	ND (0.0055)	ND (0.0051)	ND (0.0053)	ND (0.0059)
Acetone	500	ND (0.006)	ND (0.0059)	ND (0.0054)	ND (0.0054)	ND (0.0071)	ND (0.006)	ND (0.0054)	ND (0.0062)	ND (0.0049)	0.0061 J	0.018	ND (0.0058)	ND (0.0075)	ND (0.006)	ND (0.0066)	ND (0.0061)	ND (0.0063)	0.037
Benzene	44	ND (0.001)	ND (0.00098)	ND (0.00089)	ND (0.0009)	ND (0.0012)	ND (0.001)	ND (0.00089)	ND (0.001)	ND (0.00082)	ND (0.001)	ND (0.001)	ND (0.00096)	ND (0.0013)	ND (0.00099)	ND (0.0011)	ND (0.001)	ND (0.0011)	ND (0.0012)
Bromodichloromethane	NA	ND (0.001)	ND (0.00098)	ND (0.00089)	ND (0.0009)	ND (0.0012)	ND (0.001)	ND (0.00089)	ND (0.001)	ND (0.00082)	ND (0.001)	ND (0.001)	ND (0.00096)	ND (0.0013)	ND (0.00099)	ND (0.0011)	ND (0.001)	ND (0.0011)	ND (0.0012)
Bromoform	NA	ND (0.001)	ND (0.00098)	ND (0.00089)	ND (0.0009)	ND (0.0012)	ND (0.001)	ND (0.00089)	ND (0.001)	ND (0.00082)	ND (0.001)	ND (0.001)	ND (0.00096)	ND (0.0013)	ND (0.00099)	ND (0.0011)	ND (0.001)	ND (0.0011)	ND (0.0012)
Bromomethane (Methyl Bromide)	NA	ND (0.002)	ND (0.002)	ND (0.0018)	ND (0.0018)	ND (0.0024)	ND (0.002)	ND (0.0018)	ND (0.0021)	ND (0.0016)	ND (0.0021)	ND (0.0021)	ND (0.0019)	ND (0.0025)	ND (0.002)	ND (0.0022)	ND (0.002)	ND (0.0021)	ND (0.0024)
Carbon disulfide	NA	ND (0.001)	ND (0.00098)	ND (0.00089)	ND (0.0009)	ND (0.0012)	ND (0.001)	ND (0.00089)	ND (0.001)	ND (0.00082)	ND (0.001)	ND (0.001)	ND (0.00096)	ND (0.0013)	ND (0.00099)	ND (0.0011)	ND (0.001)	ND (0.0011)	ND (0.0012)
Carbon tetrachloride	22	ND (0.001)	ND (0.00098)	ND (0.00089)	ND (0.0009)	ND (0.0012)	ND (0.001)	ND (0.00089)	ND (0.001)	ND (0.00082)	ND (0.001)	ND (0.001)	ND (0.00096)	ND (0.0013)	ND (0.00099)	ND (0.0011)	ND (0.001)	ND (0.0011)	ND (0.0012)
Chlorobenzene	500	ND (0.001)	ND (0.00098)	ND (0.00089)	ND (0.0009)	ND (0.0012)	ND (0.001)	ND (0.00089)	ND (0.001)	ND (0.00082)	ND (0.001)	ND (0.001)	ND (0.00096)	ND (0.0013)	ND (0.00099)	ND (0.0011)	ND (0.001)	ND (0.0011)	ND (0.0012)
Chlorobromomethane	NA	ND (0.001)	ND (0.00098)	ND (0.00089)	ND (0.0009)	ND (0.0012)	ND (0.001)	ND (0.00089)	ND (0.001)	ND (0.00082)	ND (0.001)	ND (0.001)	ND (0.00096)	ND (0.0013)	ND (0.00099)	ND (0.0011)	ND (0.001)	ND (0.0011)	ND (0.0012)
Chloroethane	NA	ND (0.001)	ND (0.00098)	ND (0.00089)	ND (0.0009)	ND (0.0012)	ND (0.001)	ND (0.00089)	ND (0.001)	ND (0.00082)	ND (0.001)	ND (0.001)	ND (0.00096)	ND (0.0013)	ND (0.00099)	ND (0.0011)	ND (0.001)	ND (0.0011)	ND (0.0012)
Chloroform (Trichloromethane)	350	ND (0.001)	ND (0.00098)	ND (0.00089)	ND (0.0009)	ND (0.0012)	ND (0.001)	ND (0.00089)	ND (0.001)	ND (0.00082)	ND (0.001)	ND (0.001)	ND (0.00096)	ND (0.0013)	ND (0.00099)	ND (0.0011)	ND (0.001)	ND (0.0011)	ND (0.0012)
Chloromethane (Methyl Chloride)	NA	ND (0.001)	ND (0.00098)	ND (0.00089)	ND (0.0009)	ND (0.0012)	ND (0.001)	ND (0.00089)	ND (0.001)	ND (0.00082)	ND (0.001)	ND (0.001)	ND (0.00096)	ND (0.0013)	ND (0.00099)	ND (0.0011)	ND (0.001)	ND (0.0011)	ND (0.0012)
cis-1,2-Dichloroethene	500	ND (0.001)	ND (0.00098)	ND (0.00089)	ND (0.0009)	ND (0.0012)	ND (0.001)	ND (0.00089)	ND (0.001)	ND (0.00082)	ND (0.001)	ND (0.001)	ND (0.00096)	ND (0.0013)	ND (0.00099)	ND (0.0011)	ND (0.001)	ND (0.0011)	ND (0.0012)
cis-1,3-Dichloropropene	NA	ND (0.001)	ND (0.00098)	ND (0.00089)	ND (0.0009)	ND (0.0012)	ND (0.001)	ND (0.00089)	ND (0.001)	ND (0.00082)	ND (0.001)	ND (0.001)	ND (0.00096)	ND (0.0013)	ND (0.00099)	ND (0.0011)	ND (0.001)	ND (0.0011)	ND (0.0012)
Cyclohexane	NA	ND (0.001)	ND (0.00098)	ND (0.00089)	ND (0.0009)	ND (0.0012)	ND (0.001)	ND (0.00089)	ND (0.001)	ND (0.00082)	ND (0.001)	ND (0.001)	ND (0.00096)	ND (0.0013)	ND (0.00099)	ND (0.0011)	ND (0.001)	ND (0.0011)	ND (0.0012)
Dibromochloromethane	NA	ND (0.001)	ND (0.00098)	ND (0.00089)	ND (0.0009)	ND (0.0012)	ND (0.001)	ND (0.00089)	ND (0.001)	ND (0.00082)	ND (0.001)	ND (0.001)	ND (0.00096)	ND (0.0013)	ND (0.00099)	ND (0.0011)	ND (0.001)	ND (0.0011)	ND (0.0012)
Dichlorodifluoromethane (CFC-12)	NA	ND (0.001)	ND (0.00098)	ND (0.00089)	ND (0.0009)	ND (0.0012)	ND (0.001)	ND (0.00089)	ND (0.001)	ND (0.00082)	ND (0.001)	ND (0.001)	ND (0.00096)	ND (0.0013) *	ND (0.00099)	ND (0.0011) *	ND (0.001) *	ND (0.0011) *	ND (0.0012) *
Ethylbenzene	390	ND (0.001)	ND (0.00098)	ND (0.00089)	ND (0.0009)	ND (0.0012)	ND (0.001)	ND (0.00089)	ND (0.001)	ND (0.00082)	ND (0.001)	ND (0.001)	ND (0.00096)	ND (0.0013)	ND (0.00099)	ND (0.0011)	ND (0.001)	ND (0.0011)	ND (0.0012)
Isopropylbenzene (Cumene)	NA	ND (0.001)	ND (0.00098)	ND (0.00089)	ND (0.0009)	ND (0.0012)	ND (0.001)	ND (0.00089)	ND (0.001)	ND (0.00082)	ND (0.001)	ND (0.001)	ND (0.00096)	ND (0.0013)	ND (0.00099)	ND (0.0011)	ND (0.001)	ND (0.0011)	ND (0.0012)
m,p-Xylenes	NA	ND (0.001)	ND (0.00098)	ND (0.00089)	ND (0.0009)	ND (0.0012)	ND (0.001)	ND (0.00089)	ND (0.001)	ND (0.00082)	ND (0.001)	ND (0.001)	ND (0.00096)	ND (0.0013)	ND (0.00099)	ND (0.0011)	ND (0.001)	ND (0.0011)	ND (0.0012)
Methyl acetate	NA	ND (0.005)	ND (0.0049)	ND (0.0045)	ND (0.0045)	ND (0.0059)	ND (0.005)	ND (0.0045)	ND (0.0052)	ND (0.0041)	ND (0.0052)	ND (0.0052)	ND (0.0048)	0.0061 J	ND (0.005)	ND (0.0055)	ND (0.0051)	ND (0.0053)	ND (0.0059)
Methyl Tert Butyl Ether (MTBE)	500	ND (0.001)	ND (0.00098)	ND (0.00089)	ND (0.0009)	ND (0.0012)	ND (0.001)	ND (0.00089)	ND (0.001)	ND (0.00082)	ND (0.001)	ND (0.001)	ND (0.00096)	ND (0.0013)	ND (0.00099)	ND (0.0011)	ND (0.001)	ND (0.0011)	ND (0.0012)
Methylcyclohexane	NA	ND (0.001)	ND (0.00098)	ND (0.00089)	ND (0.0009)	ND (0.0012)	ND (0.001)	ND (0.00089)	ND (0.001)	ND (0.00082)	ND (0.001)	ND (0.001)	ND (0.00096)	ND (0.0013)	ND (0.00099)	ND (0.0011)	ND (0.001)	ND (0.0011)	ND (0.0012)
Methylene chloride (Dichloromethane)	500	0.0011 J	0.0015 J	0.001 J	0.0026	0.0016 J	ND (0.002)	0.001 J	0.0022	0.0014 J	ND (0.0021)	ND (0.0021)	ND (0.0019)	0.0041	ND (0.002)	0.0032	0.0024	0.0028	ND (0.0024)
n-Butylbenzene	500	ND (0.001)	ND (0.00098)	ND (0.00089)	ND (0.0009)	ND (0.0012)	ND (0.001)	ND (0.00089)	ND (0.001)	ND (0.00082)	ND (0.001)	ND (0.001)	ND (0.00096)	ND (0.0013)	ND (0.00099)	ND (0.0011)	ND (0.001)	ND (0.0011)	ND (0.0012)
n-Propylbenzene	500	ND (0.001)	ND (0.00098)	ND (0.00089)	ND (0.0009)	ND (0.0012)	ND (0.001)	ND (0.00089)	ND (0.001)	ND (0.00082)	ND (0.001)	ND (0.001)	ND (0.00096)	ND (0.0013)	ND (0.00099)	ND (0.0011)	ND (0.001)	ND (0.0011)	ND (0.0012)
o-Xylene	NA	ND (0.001)	ND (0.00098)	ND (0.00089)	ND (0.0009)	ND (0.0012)	ND (0.001)	ND (0.00089)	ND (0.001)	ND (0.00082)	ND (0.001)	ND (0.001)	ND (0.00096)	ND (0.0013)	ND (0.00099)	ND (0.0011)	ND (0.001)	ND (0.0011)	ND (0.0012)
Styrene	NA	ND (0.001)	ND (0.00098)	ND (0.00089)	ND (0.0009)	ND (0.0012)	ND (0.001)	ND (0.00089)	ND (0.001)	ND (0.00082)	ND (0.001)	ND (0.001)	ND (0.00096)	ND (0.0013)	ND (0.00099)	ND (0.0011)	ND (0.001)	ND (0.0011)	ND (0.0012)
tert-Butylbenzene	500	ND (0.001)	ND (0.00098)	ND (0.00089)	ND (0.0009)	ND (0.0012)	ND (0.001)	ND (0.00089)	ND (0.001)	ND (0.00082)	ND (0.001)	ND (0.001)	ND (0.00096)	ND (0.0013)	ND (0.00099)	ND (0.0011)	ND (0.001)	ND (0.0011)	ND (0.0012)
Tetrachloroethene	150	ND (0.001)	ND (0.00098)	ND (0.00089)	ND (0.0009)	ND (0.0012)	ND (0.001)	ND (0.00089)	ND (0.001)	ND (0.00082)	ND (0.001)	ND (0.001)	ND (0.00096)	ND (0.0013)	ND (0.00099)	ND (0.0011)	ND (0.001)	ND (0.0011)	ND (0.0012)
Toluene	500	ND (0.001)	ND (0.00098)	0.00035 J	ND (0.0009)	ND (0.0012)	ND (0.001)	0.00055 J	0.0006 J	ND (0.00082)	ND (0.001)	ND (0.001)	0.00043 J	ND (0.0013)	ND (0.00099)	0.00054 J	0.00062 J	0.00063 J	ND (0.0012)
trans-1,2-Dichloroethene	500	ND (0.001)	ND (0.00098)	ND (0.00089)	ND (0.0009)	ND (0.0012)	ND (0.001)	ND (0.00089)	ND (0.001)	ND (0.00082)	ND (0.001)	ND (0.001)	ND (0.00096)	ND (0.0013)	ND (0.00099)	ND (0.0011)	ND (0.001)	ND (0.0011)	ND (0.0012)
trans-1,3-Dichloropropene	NA	ND (0.001)	ND (0.00098)	ND (0.00089)	ND (0.0009)	ND (0.0012)	ND (0.001)	ND (0.00089)	ND (0.001)	ND (0.00082)	ND (0.001)	ND (0.001)	ND (0.00096)	ND (0.0013)	ND (0.00099)	ND (0.0011)	ND (0.001)	ND (0.0011)	ND (0.0012)
Trichloroethene	200	ND (0.001)	ND (0.00098)	ND (0.00089)	ND (0.0009)	ND (0.0012)	ND (0.001)	ND (0.00089)	ND (0.001)	ND (0.00082)	ND (0.001)	ND (0.001)	ND (0.00096)	ND (0.0013)	ND (0.00099)	ND (0.0011)	ND (0.001)	ND (0.0011)	ND (0.0012)
Trichlorofluoromethane (CFC-11)	NA	ND (0.001)	ND (0.00098)	ND (0.00089)	ND (0.0009)	ND (0.0012)	ND (0.001)	ND (0.00089)	ND (0.001)	ND (0.00082)	ND (0.001)	ND (0.001)	ND (0.00096)	ND (0.0013)	ND (0.00099)	ND (0.0011)	ND (0.001)	ND (0.0011)	ND (0.0012)
Trifluorotrichloroethane (Freon 113)	NA	ND (0.001)	ND (0.00098)	ND (0.00089)	ND (0.0009)	ND (0.0012)	ND (0.001)	ND (0.00089)	ND (0.001)	ND (0.00082)	ND (0.001)	ND (0.001)	ND (0.00096)	ND (0.0013)	ND (0.00099)	ND (0.0011)	ND (0.001)	ND (0.0011)	ND (0.0012)
Vinyl chloride	13	ND (0.001)	ND (0.00098)	ND (0.00089)	ND (0.0009)	ND (0.0012)	ND (0.001)	ND (0.00089)	ND (0.001)	ND (0.00082)	ND (0.001)	ND (0.001)	ND (0.00096)	ND (0.0013)	ND (0.00099)	ND (0.0011)	ND (0.001)	ND (0.0011)	ND (0.0012)
Xylene (Total)	500	ND (0.002)	ND (0.002)	ND (0.0018)	ND (0.0018)	ND (0.0024)	ND (0.002)	ND (0.0018)	ND (0.0021)	ND (0.0016)	ND (0.0021)	ND (0.0021)	ND (0.0019)	ND (0.0025)	ND (0.002)	ND (0.0022)	ND (0.002)	ND (0.0021)	ND (0.0024)

TABLE 16
SUMMARY OF SOIL QUALITY DATA - BERM 51
FORMER PORT MOBIL TERMINAL
STATEN ISLAND, NEW YORK
FILE NO. 0208998

	Criteria																		
Location Name	NY Part 375	51A	51A	51A1	51A1	51A2	51A2	51A3	51A4	51A5	51B	51B	51B1	51B1	51B2	51B3	51B3	51B4	51B5
Sample Name	Commercial	51A_0-4	51A_4-8	51A1_3-4	51A1_6-7	51A2_1-2	51A2_3-4	51A3_2-3	51A4_4-5	51A5_5-6	51B_0-4	51B_4-8	51B1_1-2	51B1_5-6	51B2_2-3	51B3_4-5	51B3_6-7	51B4_5-6	51B5_7-8
Sample Date	Use	10/10/2025	10/10/2025	10/10/2025	10/10/2025	10/10/2025	10/10/2025	10/10/2025	10/10/2025	10/10/2025	10/10/2025	10/10/2025	10/10/2025	10/10/2025	10/10/2025	10/10/2025	10/10/2025	10/10/2025	10/10/2025
Lab Sample ID	Soil Cleanup	460-337049-11	460-337049-12	460-337049-15	460-337049-20	460-337049-16	460-337049-21	460-337049-17	460-337049-18	460-337049-19	460-337049-13	460-337049-14	460-337049-22	460-337049-27	460-337049-23	460-337049-24	460-337049-28	460-337049-25	460-337049-26
Sample Depth (bgs)	Objectives	0 - 4 (ft)	4 - 8 (ft)	3 - 4 (ft)	6 - 7 (ft)	1 - 2 (ft)	3 - 4 (ft)	2 - 3 (ft)	4 - 5 (ft)	5 - 6 (ft)	0 - 4 (ft)	4 - 8 (ft)	1 - 2 (ft)	5 - 6 (ft)	2 - 3 (ft)	4 - 5 (ft)	6 - 7 (ft)	5 - 6 (ft)	7 - 8 (ft)
Semi-Volatile Organic Compounds (mg/kg)																			
1,2,4,5-Tetrachlorobenzene	NA	ND (0.34)	ND (0.33)	-	-	-	-	-	-	-	ND (0.34)	ND (0.36)	-	-	-	-	-	-	-
1,4-Dioxane	130	ND (0.034)	ND (0.033)	-	-	-	-	-	-	-	ND (0.034)	ND (0.036)	-	-	-	-	-	-	-
2,2'-oxybis(1-Chloropropane)	NA	ND (0.34)	ND (0.33)	-	-	-	-	-	-	-	ND (0.34)	ND (0.36)	-	-	-	-	-	-	-
2,3,4,6-Tetrachlorophenol	NA	ND (0.34)	ND (0.33)	-	-	-	-	-	-	-	ND (0.34)	ND (0.36)	-	-	-	-	-	-	-
2,4,5-Trichlorophenol	NA	ND (0.34)	ND (0.33)	-	-	-	-	-	-	-	ND (0.34)	ND (0.36)	-	-	-	-	-	-	-
2,4,6-Trichlorophenol	NA	ND (0.14)	ND (0.13)	-	-	-	-	-	-	-	ND (0.14)	ND (0.15)	-	-	-	-	-	-	-
2,4-Dichlorophenol	NA	ND (0.14)	ND (0.13)	-	-	-	-	-	-	-	ND (0.14)	ND (0.15)	-	-	-	-	-	-	-
2,4-Dimethylphenol	NA	ND (0.34)	ND (0.33)	-	-	-	-	-	-	-	ND (0.34)	ND (0.36)	-	-	-	-	-	-	-
2,4-Dinitrophenol	NA	ND (0.28) *	ND (0.27) *	-	-	-	-	-	-	-	ND (0.27) *	ND (0.29) *	-	-	-	-	-	-	-
2,4-Dinitrotoluene	NA	ND (0.07)	ND (0.068)	-	-	-	-	-	-	-	ND (0.069)	ND (0.074)	-	-	-	-	-	-	-
2,6-Dinitrotoluene	NA	ND (0.07)	ND (0.068)	-	-	-	-	-	-	-	ND (0.069)	ND (0.074)	-	-	-	-	-	-	-
2-Chloronaphthalene	NA	ND (0.34)	ND (0.33)	-	-	-	-	-	-	-	ND (0.34)	ND (0.36)	-	-	-	-	-	-	-
2-Chlorophenol	NA	ND (0.34)	ND (0.33)	-	-	-	-	-	-	-	ND (0.34)	ND (0.36)	-	-	-	-	-	-	-
2-Methylnaphthalene	NA	ND (0.34)	0.018 J	-	-	-	-	-	-	-	ND (0.34)	0.012 J	-	-	-	-	-	-	-
2-Methylphenol (o-Cresol)	500	ND (0.34)	ND (0.33)	-	-	-	-	-	-	-	ND (0.34)	ND (0.36)	-	-	-	-	-	-	-
2-Nitroaniline	NA	ND (0.34)	ND (0.33)	-	-	-	-	-	-	-	ND (0.34)	ND (0.36)	-	-	-	-	-	-	-
2-Nitrophenol	NA	ND (0.34)	ND (0.33)	-	-	-	-	-	-	-	ND (0.34)	ND (0.36)	-	-	-	-	-	-	-
3&4-Methylphenol	NA	ND (0.34)	ND (0.33)	-	-	-	-	-	-	-	ND (0.34)	ND (0.36)	-	-	-	-	-	-	-
3,3'-Dichlorobenzidine	NA	ND (0.14)	ND (0.13)	-	-	-	-	-	-	-	ND (0.14)	ND (0.15)	-	-	-	-	-	-	-
3-Nitroaniline	NA	ND (0.34)	ND (0.33)	-	-	-	-	-	-	-	ND (0.34)	ND (0.36)	-	-	-	-	-	-	-
4,6-Dinitro-2-methylphenol	NA	ND (0.28) *	ND (0.27) *	-	-	-	-	-	-	-	ND (0.27) *	ND (0.29) *	-	-	-	-	-	-	-
4-Bromophenyl phenyl ether (BDE-3)	NA	ND (0.34)	ND (0.33)	-	-	-	-	-	-	-	ND (0.34)	ND (0.36)	-	-	-	-	-	-	-
4-Chloro-3-methylphenol	NA	ND (0.34)	ND (0.33)	-	-	-	-	-	-	-	ND (0.34)	ND (0.36)	-	-	-	-	-	-	-
4-Chloroaniline	NA	ND (0.34)	ND (0.33)	-	-	-	-	-	-	-	ND (0.34)	ND (0.36)	-	-	-	-	-	-	-
4-Chlorophenyl phenyl ether	NA	ND (0.34)	ND (0.33)	-	-	-	-	-	-	-	ND (0.34)	ND (0.36)	-	-	-	-	-	-	-
4-Methylphenol	500	ND (0.34)	ND (0.33)	-	-	-	-	-	-	-	ND (0.34)	ND (0.36)	-	-	-	-	-	-	-
4-Nitroaniline	NA	ND (0.34)	ND (0.33)	-	-	-	-	-	-	-	ND (0.34)	ND (0.36)	-	-	-	-	-	-	-
4-Nitrophenol	NA	ND (0.7)	ND (0.68)	-	-	-	-	-	-	-	ND (0.69)	ND (0.74)	-	-	-	-	-	-	-
Acenaphthene	500	ND (0.34)	ND (0.33)	-	-	-	-	-	-	-	ND (0.34)	ND (0.36)	-	-	-	-	-	-	-
Acenaphthylene	500	ND (0.34)	ND (0.33)	-	-	-	-	-	-	-	ND (0.34)	ND (0.36)	-	-	-	-	-	-	-
Acetophenone	NA	ND (0.34)	ND (0.33)	-	-	-	-	-	-	-	ND (0.34)	ND (0.36)	-	-	-	-	-	-	-
Anthracene	500	ND (0.34)	0.016 J	-	-	-	-	-	-	-	0.012 J	0.011 J	-	-	-	-	-	-	-
Atrazine	NA	ND (0.14)	ND (0.13)	-	-	-	-	-	-	-	ND (0.14)	ND (0.15)	-	-	-	-	-	-	-
Benzaldehyde	NA	ND (0.34)	ND (0.33)	-	-	-	-	-	-	-	ND (0.34)	0.079 J	-	-	-	-	-	-	-
Benzo(a)anthracene	5.6	ND (0.034)	0.035	-	-	-	-	-	-	-	ND (0.034)	ND (0.036)	-	-	-	-	-	-	-
Benzo(a)pyrene	1	ND (0.034)	0.035	-	-	-	-	-	-	-	ND (0.034)	0.01 J	-	-	-	-	-	-	-
Benzo(b)fluoranthene	5.6	0.013 J	0.065	-	-	-	-	-	-	-	0.012 J	0.016 J	-	-	-	-	-	-	-
Benzo(g,h,i)perylene	500	ND (0.34)	0.04 J	-	-	-	-	-	-	-	0.013 J	0.013 J	-	-	-	-	-	-	-
Benzo(k)fluoranthene	56	ND (0.034)	0.022 J	-	-	-	-	-	-	-	ND (0.034)	ND (0.036)	-	-	-	-	-	-	-
Biphenyl	NA	ND (0.34)	ND (0.33)	-	-	-	-	-	-	-	ND (0.34)	ND (0.36)	-	-	-	-	-	-	-
bis(2-Chloroethoxy)methane	NA	ND (0.34)	ND (0.33)	-	-	-	-	-	-	-	ND (0.34)	ND (0.36)	-	-	-	-	-	-	-
bis(2-Chloroethyl)ether	NA	ND (0.034)	ND (0.033)	-	-	-	-	-	-	-	ND (0.034)	ND (0.036)	-	-	-	-	-	-	-
bis(2-Ethylhexyl)phthalate	NA	ND (0.34)	ND (0.33)	-	-	-	-	-	-	-	ND (0.34)	ND (0.36)	-	-	-	-	-	-	-
Butyl benzylphthalate (BBP)	NA	ND (0.34)	ND (0.33)	-	-	-	-	-	-	-	ND (0.34)	ND (0.36)	-	-	-	-	-	-	-
Caprolactam	NA	ND (0.34)	ND (0.33)	-	-	-	-	-	-	-	ND (0.34)	ND (0.36)	-	-	-	-	-	-	-
Carbazole	NA	ND (0.34)	ND (0.33)	-	-	-	-	-	-	-	ND (0.34)	ND (0.36)	-	-	-	-	-	-	-
Chrysene	56	0.015 J	0.041 J	-	-	-	-	-	-	-	0.014 J	ND (0.36)	-	-	-	-	-	-	-
Dibenz(a,h)anthracene	0.56	ND (0.034)	ND (0.033)	-	-	-	-	-	-	-	ND (0.034)	ND (0.036)	-	-	-	-	-	-	-
Dibenzofuran	350	ND (0.34)	ND (0.33)	-	-	-	-	-	-	-	ND (0.34)	ND (0.36)	-	-	-	-	-	-	-
Diethyl phthalate	NA	ND (0.34)	ND (0.33)	-	-	-	-	-	-	-	ND (0.34)	ND (0.36)	-	-	-	-	-	-	-
Dimethyl phthalate	NA	ND (0.34)	ND (0.33)	-	-	-	-	-	-	-	ND (0.34)	ND (0.36)	-	-	-	-	-	-	-
Di-n-butylphthalate (DBP)	NA	0.025 J	0.02 J	-	-	-	-	-	-	-	ND (0.34)	ND (0.36)	-	-	-	-	-	-	-
Di-n-octyl phthalate (DnOP)	NA	ND (0.34)	ND (0.33)	-	-	-	-	-	-	-	ND (0.34)	ND (0.36)	-	-	-	-	-	-	-
Fluoranthene	500	0.013 J	0.048 J	-	-	-	-	-	-	-	0.013 J	0.016 J	-	-	-	-	-	-	-
Fluorene	500	ND (0.34)	ND (0.33)	-	-	-	-	-	-	-	ND (0.34)	ND (0.36)	-	-	-	-	-	-	-
Hexachlorobenzene	6	ND (0.034)	ND (0.033)	-	-	-	-	-	-	-	ND (0.034)	ND (0.036)	-	-	-	-	-	-	-
Hexachlorobutadiene	NA	ND (0.07)	ND (0.068)	-	-	-	-	-	-	-	ND (0.069)	ND (0.074)	-	-	-	-	-	-	-
Hexachlorocyclopentadiene	NA	ND (0.34)	ND (0.33)	-	-	-	-	-	-	-	ND (0.34)	ND (0.36)	-	-	-	-	-	-	-
Hexachloroethane	NA	ND (0.034)	ND (0.033)	-	-	-	-	-	-	-	ND (0.034)	ND (0.036)	-	-	-	-	-	-	-
Indeno(1,2,3-cd)pyrene	5.6	ND (0.034)	0.041	-	-	-	-	-	-	-	ND (0.034)	ND (0.036)	-	-	-	-	-	-	-
Isophorone	NA	ND (0.14)	ND (0.13)	-	-	-	-	-	-	-	ND (0.14)	ND (0.15)	-	-	-	-	-	-	-
Naphthalene	500	0.0061 J	0.011 J	-	-	-	-	-	-	-	ND (0.34)	0.0078 J	-	-	-	-	-	-	-
Nitrobenzene	NA	ND (0.034)	ND (0.033)	-	-	-	-	-	-	-	ND (0.034)	ND (0.036)	-	-	-	-	-	-	-
N-Nitrosodi-n-propylamine	NA	ND (0.034)	ND (0.033)	-	-	-	-	-	-	-	ND (0.034)	ND (0.036)	-	-	-	-	-	-	-
N-Nitrosodiphenylamine	NA	ND (0.34)	ND (0.33)	-	-	-	-	-	-	-	ND (0.34)	ND (0.36)	-	-	-	-	-	-	-
Pentachlorophenol	6.7	ND (0.28)	ND (0.27)	-	-	-	-	-	-	-	ND (0.27)	ND (0.29)	-	-	-	-	-	-	-
Phenanthrene	500	ND (0.34)	0.036 J	-	-	-	-	-	-	-	ND (0.34)	ND (0.36)	-	-	-	-	-	-	-
Phenol	500	ND (0.34)	ND (0.33)	-	-	-	-	-	-	-	ND (0.34)	ND (0.36)	-	-	-	-	-	-	-
Pyrene	500	0.011 J	0.046 J	-	-	-	-	-	-	-	0.013 J	0.015 J	-	-	-	-	-	-	-

TABLE 16
SUMMARY OF SOIL QUALITY DATA - BERM 51
FORMER PORT MOBIL TERMINAL
STATEN ISLAND, NEW YORK
FILE NO. 0208998

	Criteria																		
Location Name	NY Part 375	51A	51A	51A1	51A1	51A2	51A2	51A3	51A4	51A5	51B	51B	51B1	51B1	51B2	51B3	51B3	51B4	51B5
Sample Name	Commercial	51A_0-4	51A_4-8	51A1_3-4	51A1_6-7	51A2_1-2	51A2_3-4	51A3_2-3	51A4_4-5	51A5_5-6	51B_0-4	51B_4-8	51B1_1-2	51B1_5-6	51B2_2-3	51B3_4-5	51B3_6-7	51B4_5-6	51B5_7-8
Sample Date	Use	10/10/2025	10/10/2025	10/10/2025	10/10/2025	10/10/2025	10/10/2025	10/10/2025	10/10/2025	10/10/2025	10/10/2025	10/10/2025	10/10/2025	10/10/2025	10/10/2025	10/10/2025	10/10/2025	10/10/2025	10/10/2025
Lab Sample ID	Soil Cleanup	460-337049-11	460-337049-12	460-337049-15	460-337049-20	460-337049-16	460-337049-21	460-337049-17	460-337049-18	460-337049-19	460-337049-13	460-337049-14	460-337049-22	460-337049-27	460-337049-23	460-337049-24	460-337049-28	460-337049-25	460-337049-26
Sample Depth (bgs)	Objectives	0 - 4 (ft)	4 - 8 (ft)	3 - 4 (ft)	6 - 7 (ft)	1 - 2 (ft)	3 - 4 (ft)	2 - 3 (ft)	4 - 5 (ft)	5 - 6 (ft)	0 - 4 (ft)	4 - 8 (ft)	1 - 2 (ft)	5 - 6 (ft)	2 - 3 (ft)	4 - 5 (ft)	6 - 7 (ft)	5 - 6 (ft)	7 - 8 (ft)
PFAS (mg/kg)																			
11-Chloroeicosafluoro-3-Oxaundecane-1-Sulfonic Acid (11Cl-PF3OUdS)	NA	ND (0.00019)	ND (0.0002)	-	-	-	-	-	-	-	ND (0.0002)	ND (0.0002)	-	-	-	-	-	-	-
2H,2H,3H,3H-Perfluorooctanoic acid (5:3 FTCA)	NA	ND (0.00096)	ND (0.00099)	-	-	-	-	-	-	-	ND (0.00098)	ND (0.00099)	-	-	-	-	-	-	-
3-(Perfluoroheptyl)propanoic acid (7:3 FTCA)	NA	ND (0.00096)	ND (0.00099)	-	-	-	-	-	-	-	ND (0.00098)	ND (0.00099)	-	-	-	-	-	-	-
3:3 Fluorotelomer carboxylic acid (3:3 FTCA)	NA	ND (0.00038)	ND (0.0004)	-	-	-	-	-	-	-	ND (0.00039)	ND (0.00039)	-	-	-	-	-	-	-
4,8-Dioxa-3H-Perfluorononanoic Acid (ADONA)	NA	ND (0.00019)	ND (0.0002)	-	-	-	-	-	-	-	ND (0.0002)	ND (0.0002)	-	-	-	-	-	-	-
4:2 Fluorotelomer sulfonic acid (4:2 FTS)	NA	ND (0.00038)	ND (0.0004)	-	-	-	-	-	-	-	ND (0.00039)	ND (0.00039)	-	-	-	-	-	-	-
6:2 Fluorotelomer sulfonic acid (6:2 FTS)	NA	ND (0.00038)	ND (0.0004)	-	-	-	-	-	-	-	ND (0.00039)	ND (0.00039)	-	-	-	-	-	-	-
8:2 Fluorotelomer sulfonic acid (8:2 FTS)	NA	ND (0.00038)	ND (0.0004)	-	-	-	-	-	-	-	0.00028 J	0.00027 J	-	-	-	-	-	-	-
9-Chlorohexadecafluoro-3-Oxanone-1-Sulfonic Acid (9Cl-PF3ONS)	NA	ND (0.00019)	ND (0.0002)	-	-	-	-	-	-	-	ND (0.0002)	ND (0.0002)	-	-	-	-	-	-	-
N-Ethyl Perfluorooctanesulfonamidoacetic Acid (NEtFOSAA)	NA	ND (0.00019)	ND (0.0002)	-	-	-	-	-	-	-	ND (0.0002)	ND (0.0002)	-	-	-	-	-	-	-
N-Ethylperfluorooctane sulfonamide (N-EtFOSA)	NA	ND (0.00019)	ND (0.0002)	-	-	-	-	-	-	-	ND (0.0002)	ND (0.0002)	-	-	-	-	-	-	-
N-Ethylperfluorooctane sulfonamidoethanol (N-EtFOSE)	NA	ND (0.00096)	ND (0.00099)	-	-	-	-	-	-	-	ND (0.00098)	ND (0.00099)	-	-	-	-	-	-	-
N-Methyl Perfluorooctanesulfonamidoacetic Acid (NMeFOSAA)	NA	ND (0.00019)	ND (0.0002)	-	-	-	-	-	-	-	ND (0.0002)	ND (0.0002)	-	-	-	-	-	-	-
N-Methylperfluorooctane sulfonamide (N-MeFOSA)	NA	ND (0.00019)	ND (0.0002)	-	-	-	-	-	-	-	ND (0.0002)	ND (0.0002)	-	-	-	-	-	-	-
N-Methylperfluorooctane sulfonamidoethanol (N-MeFOSE)	NA	ND (0.00096)	ND (0.00099)	-	-	-	-	-	-	-	ND (0.00098)	ND (0.00099)	-	-	-	-	-	-	-
Nonafluoro-3,6-dioxaheptanoic acid (NFDHA)	NA	ND (0.00019)	ND (0.0002)	-	-	-	-	-	-	-	ND (0.0002)	ND (0.0002)	-	-	-	-	-	-	-
Perfluoro(2-ethoxyethane) sulphonic acid (PFEESA)	NA	ND (0.00019)	ND (0.0002)	-	-	-	-	-	-	-	ND (0.0002)	ND (0.0002)	-	-	-	-	-	-	-
Perfluoro(4-methoxybutanoic) acid (PFMBA)	NA	ND (0.00019)	ND (0.0002)	-	-	-	-	-	-	-	ND (0.0002)	ND (0.0002)	-	-	-	-	-	-	-
Perfluoro-2-propoxypropanoic acid (PFPrOPrA)(GenX) (HFPO-DA)	NA	ND (0.00019)	ND (0.0002)	-	-	-	-	-	-	-	ND (0.0002)	ND (0.0002)	-	-	-	-	-	-	-
Perfluoro-3-methoxypropanoic acid (PFMPA)	NA	ND (0.00019)	ND (0.0002)	-	-	-	-	-	-	-	ND (0.0002)	ND (0.0002)	-	-	-	-	-	-	-
Perfluorobutanesulfonic acid (PFBS)	NA	ND (0.00019)	ND (0.0002)	-	-	-	-	-	-	-	ND (0.0002)	ND (0.0002)	-	-	-	-	-	-	-
Perfluorobutanoic acid (PFBA)	NA	ND (0.00038)	ND (0.0004)	-	-	-	-	-	-	-	ND (0.00039)	ND (0.00039)	-	-	-	-	-	-	-
Perfluorodecanesulfonic acid (PFDS)	NA	ND (0.00019)	ND (0.0002)	-	-	-	-	-	-	-	ND (0.0002)	ND (0.0002)	-	-	-	-	-	-	-
Perfluorodecanoic acid (PFDA)	NA	0.00011 J	ND (0.0002)	-	-	-	-	-	-	-	0.00047	0.00066	-	-	-	-	-	-	-
Perfluorododecane sulfonic acid (PFDoDS)	NA	ND (0.00019)	ND (0.0002)	-	-	-	-	-	-	-	ND (0.0002)	ND (0.0002)	-	-	-	-	-	-	-
Perfluorododecanoic acid (PFDoDA)	NA	0.00023	0.00038	-	-	-	-	-	-	-	0.00028	ND (0.0002)	-	-	-	-	-	-	-
Perfluoroheptanesulfonic acid (PFHpS)	NA	ND (0.00019)	ND (0.0002)	-	-	-	-	-	-	-	ND (0.0002)	ND (0.0002)	-	-	-	-	-	-	-
Perfluoroheptanoic acid (PFHpA)	NA	ND (0.00019)	ND (0.0002)	-	-	-	-	-	-	-	ND (0.0002)	0.00016 J	-	-	-	-	-	-	-
Perfluorohexanesulfonic acid (PFHxS)	NA	ND (0.00019)	ND (0.0002)	-	-	-	-	-	-	-	ND (0.0002)	ND (0.0002)	-	-	-	-	-	-	-
Perfluorohexanoic acid (PFHxA)	NA	ND (0.00019)	ND (0.0002)	-	-	-	-	-	-	-	ND (0.0002)	0.00019 J	-	-	-	-	-	-	-
Perfluorononane sulfonic acid (PFNS)	NA	ND (0.00019)	ND (0.0002)	-	-	-	-	-	-	-	ND (0.0002)	ND (0.0002)	-	-	-	-	-	-	-
Perfluorononanoic acid (PFNA)	NA	0.00301	0.001	-	-	-	-	-	-	-	0.00107	0.00139	-	-	-	-	-	-	-
Perfluorooctane sulfonamide (PFOSA)	NA	ND (0.00019)	ND (0.0002)	-	-	-	-	-	-	-	ND (0.0002)	ND (0.0002)	-	-	-	-	-	-	-
Perfluorooctanesulfonic acid (PFOS)	0.44	ND (0.00019)	ND (0.0002)	-	-	-	-	-	-	-	0.0002	0.00022	-	-	-	-	-	-	-
Perfluorooctanoic acid (PFOA)	0.5	0.000097 J	0.00011 J	-	-	-	-	-	-	-	0.00028	0.0003	-	-	-	-	-	-	-
Perfluoropentanesulfonic acid (PFPeS)	NA	ND (0.00019)	ND (0.0002)	-	-	-	-	-	-	-	ND (0.0002)	ND (0.0002)	-	-	-	-	-	-	-
Perfluoropentanoic acid (PFPeA)	NA	ND (0.00019)	ND (0.0002)	-	-	-	-	-	-	-	ND (0.0002)	0.00046	-	-	-	-	-	-	-
Perfluorotetradecanoic acid (PFTeDA)	NA	ND (0.00019)	ND (0.0002)	-	-	-	-	-	-	-	ND (0.0002)	ND (0.0002)	-	-	-	-	-	-	-
Perfluorotridecanoic acid (PFTrDA)	NA	0.02	ND (0.0002)	-	-	-	-	-	-	-	0.00176	ND (0.0002)	-	-	-	-	-	-	-
Perfluoroundecanoic acid (PFUnDA)	NA	0.00377	0.00418	-	-	-	-	-	-	-	0.00299	0.00535	-	-	-	-	-	-	-
Pesticides (mg/kg)																			
4,4'-DDD	92	ND (0.0069)	ND (0.0068)	-	-	-	-	-	-	-	ND (0.0069)	ND (0.0074)	-	-	-	-	-	-	-
4,4'-DDE	62	ND (0.0069)	ND (0.0068)	-	-	-	-	-	-	-	ND (0.0069)	ND (0.0074)	-	-	-	-	-	-	-
4,4'-DDT	47	ND (0.0069)	0.0049 J	-	-	-	-	-	-	-	ND (0.0069)	ND (0.0074)	-	-	-	-	-	-	-
Aldrin	0.68	ND (0.0069)	ND (0.0068)	-	-	-	-	-	-	-	ND (0.0069)	ND (0.0074)	-	-	-	-	-	-	-
alpha-BHC	3.4	ND (0.0021)	ND (0.002)	-	-	-	-	-	-	-	ND (0.0021)	ND (0.0022)	-	-	-	-	-	-	-
alpha-Chlordane (cis)	24	ND (0.0069)	ND (0.0068)	-	-	-	-	-	-	-	ND (0.0069)	ND (0.0074)	-	-	-	-	-	-	-
beta-BHC	3	ND (0.0021)	ND (0.002)	-	-	-	-	-	-	-	ND (0.0021)	ND (0.0022)	-	-	-	-	-	-	-
Chlordane	NA	ND (0.069)	ND (0.068)	-	-	-	-	-	-	-	ND (0.069)	ND (0.074)	-	-	-	-	-	-	-
delta-BHC	500	ND (0.0021)	ND (0.002)	-	-	-	-	-	-	-	ND (0.0021)	ND (0.0022)	-	-	-	-	-	-	-
Dieldrin	1.4	ND (0.0021)	0.0024	-	-	-	-	-	-	-	ND (0.0021)	ND (0.0022)	-	-	-	-	-	-	-
Endosulfan I	200	ND (0.0069)	ND (0.0068)	-	-	-	-	-	-	-	ND (0.0069)	ND (0.0074)	-	-	-	-	-	-	-
Endosulfan II	200	ND (0.0069)	ND (0.0068)	-	-	-	-	-	-	-	ND (0.0069)	ND (0.0074)	-	-	-	-	-	-	-
Endosulfan sulfate	200	ND (0.0069)	ND (0.0068)	-	-	-	-	-	-	-	ND (0.0069)	ND (0.0074)	-	-	-	-	-	-	-
Endrin	89	ND (0.0069)	ND (0.0068)	-	-	-	-	-	-	-	ND (0.0069)	ND (0.0074)	-	-	-	-	-	-	-
Endrin aldehyde	NA	ND (0.0069)	ND (0.0068)	-	-	-	-	-	-	-	ND (0.0069)	ND (0.0074)	-	-	-	-	-	-	-
Endrin ketone	NA	ND (0.0069)	ND (0.0068)	-	-	-	-	-	-	-	ND (0.0069)	ND (0.0074)	-	-	-	-	-	-	-
gamma-BHC (Lindane)	9.2	ND (0.0021)	ND (0.002)	-	-	-	-	-	-	-	ND (0.0021)	ND (0.0022)	-	-	-	-	-	-	-
Heptachlor	15	ND (0.0069)	ND (0.0068)	-	-	-	-	-	-	-	ND (0.0069)	ND (0.0074)	-	-	-	-	-	-	-
Heptachlor epoxide	NA	ND (0.0069)	0.0046 J	-	-	-	-	-	-	-	ND (0.0069)	ND (0.0074)	-	-	-	-	-	-	-
Methoxychlor	NA	ND (0.0069)	ND (0.0068)	-	-	-	-	-	-	-	ND (0.0069)	ND (0.0074)	-	-	-	-	-	-	-
Toxaphene	NA	ND (0.069)	ND (0.068)	-	-	-	-	-	-	-	ND (0.069)	ND (0.074)	-	-	-	-	-	-	-

TABLE 16
SUMMARY OF SOIL QUALITY DATA - BERM 51
FORMER PORT MOBIL TERMINAL
STATEN ISLAND, NEW YORK
FILE NO. 0208998

	Criteria																		
Location Name	NY Part 375	51A	51A	51A1	51A1	51A2	51A2	51A3	51A4	51A5	51B	51B	51B1	51B1	51B2	51B3	51B3	51B4	51B5
Sample Name	Commercial	51A_0-4	51A_4-8	51A1_3-4	51A1_6-7	51A2_1-2	51A2_3-4	51A3_2-3	51A4_4-5	51A5_5-6	51B_0-4	51B_4-8	51B1_1-2	51B1_5-6	51B2_2-3	51B3_4-5	51B3_6-7	51B4_5-6	51B5_7-8
Sample Date	Use	10/10/2025	10/10/2025	10/10/2025	10/10/2025	10/10/2025	10/10/2025	10/10/2025	10/10/2025	10/10/2025	10/10/2025	10/10/2025	10/10/2025	10/10/2025	10/10/2025	10/10/2025	10/10/2025	10/10/2025	10/10/2025
Lab Sample ID	Soil Cleanup	460-337049-11	460-337049-12	460-337049-15	460-337049-20	460-337049-16	460-337049-21	460-337049-17	460-337049-18	460-337049-19	460-337049-13	460-337049-14	460-337049-22	460-337049-27	460-337049-23	460-337049-24	460-337049-28	460-337049-25	460-337049-26
Sample Depth (bgs)	Objectives	0 - 4 (ft)	4 - 8 (ft)	3 - 4 (ft)	6 - 7 (ft)	1 - 2 (ft)	3 - 4 (ft)	2 - 3 (ft)	4 - 5 (ft)	5 - 6 (ft)	0 - 4 (ft)	4 - 8 (ft)	1 - 2 (ft)	5 - 6 (ft)	2 - 3 (ft)	4 - 5 (ft)	6 - 7 (ft)	5 - 6 (ft)	7 - 8 (ft)
Polychlorinated Biphenyls (mg/kg)																			
Aroclor-1016 (PCB-1016)	NA	ND (0.069)	ND (0.068)	-	-	-	-	-	-	-	ND (0.069)	ND (0.074)	-	-	-	-	-	-	-
Aroclor-1221 (PCB-1221)	NA	ND (0.069)	ND (0.068)	-	-	-	-	-	-	-	ND (0.069)	ND (0.074)	-	-	-	-	-	-	-
Aroclor-1232 (PCB-1232)	NA	ND (0.069)	ND (0.068)	-	-	-	-	-	-	-	ND (0.069)	ND (0.074)	-	-	-	-	-	-	-
Aroclor-1242 (PCB-1242)	NA	ND (0.069)	ND (0.068)	-	-	-	-	-	-	-	ND (0.069)	ND (0.074)	-	-	-	-	-	-	-
Aroclor-1248 (PCB-1248)	NA	ND (0.069)	ND (0.068)	-	-	-	-	-	-	-	ND (0.069)	ND (0.074)	-	-	-	-	-	-	-
Aroclor-1254 (PCB-1254)	NA	ND (0.069)	ND (0.068)	-	-	-	-	-	-	-	ND (0.069)	ND (0.074)	-	-	-	-	-	-	-
Aroclor-1260 (PCB-1260)	NA	ND (0.069)	ND (0.068)	-	-	-	-	-	-	-	ND (0.069)	ND (0.074)	-	-	-	-	-	-	-
Aroclor-1262 (PCB-1262)	NA	ND (0.069)	ND (0.068)	-	-	-	-	-	-	-	ND (0.069)	ND (0.074)	-	-	-	-	-	-	-
Aroclor-1268 (PCB-1268)	NA	ND (0.069)	ND (0.068)	-	-	-	-	-	-	-	ND (0.069)	ND (0.074)	-	-	-	-	-	-	-
Total PCBs	1	ND (0.069)	ND (0.068)	-	-	-	-	-	-	-	ND (0.069)	ND (0.074)	-	-	-	-	-	-	-
Inorganic Compounds (mg/kg)																			
Aluminum	NA	9220	8330	-	-	-	-	-	-	-	7970	4980	-	-	-	-	-	-	-
Antimony	NA	3.2	3.8	-	-	-	-	-	-	-	2.3	1.6	-	-	-	-	-	-	-
Arsenic	16	10.5	9.4	-	-	-	-	-	-	-	7	5.1	-	-	-	-	-	-	-
Barium	400	44.1	35	-	-	-	-	-	-	-	46.5	34.3	-	-	-	-	-	-	-
Beryllium	590	0.54	0.67	-	-	-	-	-	-	-	0.67	0.52	-	-	-	-	-	-	-
Cadmium	9.3	0.1 J	0.2 J	-	-	-	-	-	-	-	0.14 J	0.6 J	-	-	-	-	-	-	-
Calcium	NA	915	856	-	-	-	-	-	-	-	885	2420	-	-	-	-	-	-	-
Chromium	NA	15	17.4	-	-	-	-	-	-	-	17.5	11.7	-	-	-	-	-	-	-
Cobalt	NA	6.9	5.1	-	-	-	-	-	-	-	5	4.9	-	-	-	-	-	-	-
Copper	270	47.3	57.4	-	-	-	-	-	-	-	41.9	32.5	-	-	-	-	-	-	-
Iron	NA	19400	20300	-	-	-	-	-	-	-	20800	16300	-	-	-	-	-	-	-
Lead	1000	80.5	137	-	-	-	-	-	-	-	94.8	75	-	-	-	-	-	-	-
Magnesium	NA	2090	2540	-	-	-	-	-	-	-	1980	1980	-	-	-	-	-	-	-
Manganese	10000	224	157	-	-	-	-	-	-	-	134	126	-	-	-	-	-	-	-
Mercury	2.8	0.046	0.045	-	-	-	-	-	-	-	0.032	0.021	-	-	-	-	-	-	-
Nickel	310	12	16.8	-	-	-	-	-	-	-	11.8	10.5	-	-	-	-	-	-	-
Potassium	NA	1190	1060	-	-	-	-	-	-	-	1100	1290	-	-	-	-	-	-	-
Selenium	1500	0.4 J	0.57 J	-	-	-	-	-	-	-	0.41 J	0.39 J	-	-	-	-	-	-	-
Silver	1500	0.35	0.35	-	-	-	-	-	-	-	0.27 J	0.18 J	-	-	-	-	-	-	-
Sodium	NA	53.2 J	53.8 J	-	-	-	-	-	-	-	58.2 J	65.1 J	-	-	-	-	-	-	-
Thallium	NA	0.11 J	0.08 J	-	-	-	-	-	-	-	0.12 J	0.056 J	-	-	-	-	-	-	-
Vanadium	NA	27.1	30	-	-	-	-	-	-	-	27.5	20.8	-	-	-	-	-	-	-
Zinc	10000	48.1	109	-	-	-	-	-	-	-	91.3	126	-	-	-	-	-	-	-

ABBREVIATIONS AND NOTES:

mg/kg: milligram per kilogram

**: LCS or LCSD is outside acceptance limits.*
-: Not Analyzed
B: Compound was found in the blank and the associated sample.
bgs: below ground surface
ft: feet
J: Value is estimated.
NA: Not Applicable
ND (2.5): Not detected, number in parentheses is the laboratory reporting limit

- For test methods used, see the laboratory data sheets.
- Soil analytical results are compared to the New York State Department of Environmental Conservation (NYSDEC) Title 6 of the Official Compilation of New York Codes, Rules, and Regulations (NYCRR) Part 375 Commercial Use Soil Cleanup Objectives (SCO).
- Grey shading indicates an exceedance of the Commercial Use Soil Cleanup Objectives.

TABLE 17
SUMMARY OF SOIL QUALITY DATA - BERM 52
FORMER PORT MOBIL TERMINAL
STATEN ISLAND, NEW YORK
FILE NO. 0208998

	Criteria																		
Location Name	NY Part 375	52A	52A	52A1	52A1	52A1	52A2	52A2	52A3	52A3	52B	52B	52B1	52B1	52B2	52B2	52B2	52B3	52B3
Sample Name	Commercial	52A_0-4	52A_4-8	52A1_1-2	52A1_4-5	52A1_7-8	52A2_3-4	52A2_5-6	52A3_2-3	52A3_6-7	52B_0-4	52B_4-8	52B1_1-2	52B1_5-6	52B2_2-3	52B2_4-5	52B2_7-8	52B3_3-4	52B3_4-5
Sample Date	Use	10/10/2025	10/10/2025	10/10/2025	10/10/2025	10/10/2025	10/10/2025	10/10/2025	10/10/2025	10/10/2025	10/10/2025	10/10/2025	10/10/2025	10/10/2025	10/10/2025	10/10/2025	10/10/2025	10/10/2025	10/10/2025
Lab Sample ID	Soil Cleanup	460-337049-1	460-337049-2	460-337049-29	460-337049-32	460-337049-35	460-337049-30	460-337049-33	460-337049-31	460-337049-34	460-337049-3	460-337049-4	460-337049-36	460-337049-39	460-337049-37	460-337049-42	460-337049-40	460-337049-38	460-337049-41
Sample Depth (bgs)	Objectives	0 - 4 (ft)	4 - 8 (ft)	1 - 2 (ft)	4 - 5 (ft)	7 - 8 (ft)	3 - 4 (ft)	5 - 6 (ft)	2 - 3 (ft)	6 - 7 (ft)	0 - 4 (ft)	4 - 8 (ft)	1 - 2 (ft)	5 - 6 (ft)	2 - 3 (ft)	4 - 5 (ft)	7 - 8 (ft)	3 - 4 (ft)	4 - 5 (ft)
Volatile Organic Compounds (mg/kg)																			
1,1,1-Trichloroethane	500	ND (0.00093)	ND (0.00093)	ND (0.00091)	ND (0.00093)	ND (0.0012)	ND (0.0015)	ND (0.00084)	ND (0.00092)	ND (0.0012)	ND (0.001)	ND (0.001)	ND (0.0013)	ND (0.0012)	ND (0.0012)	ND (0.00097)	ND (0.0007)	ND (0.001)	ND (0.0011)
1,1,2,2-Tetrachloroethane	NA	ND (0.00093)	ND (0.00093)	ND (0.00091)	ND (0.00093)	ND (0.0012)	ND (0.0015)	ND (0.00084)	ND (0.00092)	ND (0.0012)	ND (0.001)	ND (0.001)	ND (0.0013)	ND (0.0012)	ND (0.0012)	ND (0.00097)	ND (0.0007)	ND (0.001)	ND (0.0011)
1,1,2-Trichloroethane	NA	ND (0.00093)	ND (0.00093)	ND (0.00091)	ND (0.00093)	ND (0.0012)	ND (0.0015)	ND (0.00084)	ND (0.00092)	ND (0.0012)	ND (0.001)	ND (0.001)	ND (0.0013)	ND (0.0012)	ND (0.0012)	ND (0.00097)	ND (0.0007)	ND (0.001)	ND (0.0011)
1,1-Dichloroethane	240	ND (0.00093)	ND (0.00093)	ND (0.00091)	ND (0.00093)	ND (0.0012)	ND (0.0015)	ND (0.00084)	ND (0.00092)	ND (0.0012)	ND (0.001)	ND (0.001)	ND (0.0013)	ND (0.0012)	ND (0.0012)	ND (0.00097)	ND (0.0007)	ND (0.001)	ND (0.0011)
1,1-Dichloroethene	500	ND (0.00093)	ND (0.00093)	ND (0.00091)	ND (0.00093)	ND (0.0012)	ND (0.0015)	ND (0.00084)	ND (0.00092)	ND (0.0012)	ND (0.001)	ND (0.001)	ND (0.0013)	ND (0.0012)	ND (0.0012)	ND (0.00097)	ND (0.0007)	ND (0.001)	ND (0.0011)
1,2,3-Trichlorobenzene	NA	ND (0.00093)	ND (0.00093)	ND (0.00091)	ND (0.00093)	ND (0.0012)	ND (0.0015)	ND (0.00084)	ND (0.00092)	ND (0.0012)	ND (0.001)	ND (0.001)	ND (0.0013)	ND (0.0012)	ND (0.0012)	ND (0.00097)	ND (0.0007)	ND (0.001)	ND (0.0011)
1,2,4-Trichlorobenzene	NA	ND (0.00093)	ND (0.00093)	ND (0.00091)	ND (0.00093)	ND (0.0012)	ND (0.0015)	ND (0.00084)	ND (0.00092)	ND (0.0012)	ND (0.001)	ND (0.001)	ND (0.0013)	ND (0.0012)	ND (0.0012)	ND (0.00097)	ND (0.0007)	ND (0.001)	ND (0.0011)
1,2,4-Trimethylbenzene	190	ND (0.00093)	ND (0.00093)	ND (0.00091)	ND (0.00093)	ND (0.0012)	ND (0.0015)	ND (0.00084)	ND (0.00092)	ND (0.0012)	ND (0.001)	ND (0.001)	ND (0.0013)	ND (0.0012)	ND (0.0012)	ND (0.00097)	ND (0.0007)	ND (0.001)	ND (0.0011)
1,2-Dibromo-3-chloropropane (DBCP)	NA	ND (0.00093)	ND (0.00093)	ND (0.00091)	ND (0.00093)	ND (0.0012)	ND (0.0015)	ND (0.00084)	ND (0.00092)	ND (0.0012)	ND (0.001)	ND (0.001)	ND (0.0013)	ND (0.0012)	ND (0.0012)	ND (0.00097)	ND (0.0007)	ND (0.001)	ND (0.0011)
1,2-Dibromoethane (Ethylene Dibromide)	NA	ND (0.00093)	ND (0.00093)	ND (0.00091)	ND (0.00093)	ND (0.0012)	ND (0.0015)	ND (0.00084)	ND (0.00092)	ND (0.0012)	ND (0.001)	ND (0.001)	ND (0.0013)	ND (0.0012)	ND (0.0012)	ND (0.00097)	ND (0.0007)	ND (0.001)	ND (0.0011)
1,2-Dichlorobenzene	500	ND (0.00093)	ND (0.00093)	ND (0.00091)	ND (0.00093)	ND (0.0012)	ND (0.0015)	ND (0.00084)	ND (0.00092)	ND (0.0012)	ND (0.001)	ND (0.001)	ND (0.0013)	ND (0.0012)	ND (0.0012)	ND (0.00097)	ND (0.0007)	ND (0.001)	ND (0.0011)
1,2-Dichloroethane	30	ND (0.00093)	ND (0.00093)	ND (0.00091)	ND (0.00093)	ND (0.0012)	ND (0.0015)	ND (0.00084)	ND (0.00092)	ND (0.0012)	ND (0.001)	ND (0.001)	ND (0.0013)	ND (0.0012)	ND (0.0012)	ND (0.00097)	ND (0.0007)	ND (0.001)	ND (0.0011)
1,2-Dichloropropane	NA	ND (0.00093)	ND (0.00093)	ND (0.00091)	ND (0.00093)	ND (0.0012)	ND (0.0015)	ND (0.00084)	ND (0.00092)	ND (0.0012)	ND (0.001)	ND (0.001)	ND (0.0013)	ND (0.0012)	ND (0.0012)	ND (0.00097)	ND (0.0007)	ND (0.001)	ND (0.0011)
1,3,5-Trimethylbenzene	190	ND (0.00093)	ND (0.00093)	ND (0.00091)	ND (0.00093)	ND (0.0012)	ND (0.0015)	ND (0.00084)	ND (0.00092)	ND (0.0012)	ND (0.001)	ND (0.001)	ND (0.0013)	ND (0.0012)	ND (0.0012)	ND (0.00097)	ND (0.0007)	ND (0.001)	ND (0.0011)
1,3-Dichlorobenzene	280	ND (0.00093)	ND (0.00093)	ND (0.00091)	ND (0.00093)	ND (0.0012)	ND (0.0015)	ND (0.00084)	ND (0.00092)	ND (0.0012)	ND (0.001)	ND (0.001)	ND (0.0013)	ND (0.0012)	ND (0.0012)	ND (0.00097)	ND (0.0007)	ND (0.001)	ND (0.0011)
1,4-Dichlorobenzene	130	ND (0.00093)	ND (0.00093)	ND (0.00091)	ND (0.00093)	ND (0.0012)	ND (0.0015)	ND (0.00084)	ND (0.00092)	ND (0.0012)	ND (0.001)	ND (0.001)	ND (0.0013)	ND (0.0012)	ND (0.0012)	ND (0.00097)	ND (0.0007)	ND (0.001)	ND (0.0011)
2-Butanone (Methyl Ethyl Ketone)	500	ND (0.0046)	ND (0.0046)	ND (0.0046)	ND (0.0047)	ND (0.006)	ND (0.0074)	ND (0.0042)	ND (0.0046)	ND (0.0061)	ND (0.0051)	ND (0.005)	ND (0.0064)	ND (0.0061)	ND (0.006)	ND (0.0048)	ND (0.0035)	ND (0.0051)	ND (0.0055)
2-Hexanone (Methyl Butyl Ketone)	NA	ND (0.0046)	ND (0.0046)	ND (0.0046)	ND (0.0047)	ND (0.006)	ND (0.0074)	ND (0.0042)	ND (0.0046)	ND (0.0061)	ND (0.0051)	ND (0.005)	ND (0.0064)	ND (0.0061)	ND (0.006)	ND (0.0048)	ND (0.0035)	ND (0.0051)	ND (0.0055)
2-Phenylbutane (sec-Butylbenzene)	500	ND (0.00093)	ND (0.00093)	ND (0.00091)	ND (0.00093)	ND (0.0012)	ND (0.0015)	ND (0.00084)	ND (0.00092)	ND (0.0012)	ND (0.001)	ND (0.001)	ND (0.0013)	ND (0.0012)	ND (0.0012)	ND (0.00097)	ND (0.0007)	ND (0.001)	ND (0.0011)
4-Methyl-2-Pentanone (Methyl Isobutyl Ketone)	NA	ND (0.0046)	ND (0.0046)	ND (0.0046)	ND (0.0047)	ND (0.006)	ND (0.0074)	ND (0.0042)	ND (0.0046)	ND (0.0061)	ND (0.0051)	ND (0.005)	ND (0.0064)	ND (0.0061)	ND (0.006)	ND (0.0048)	ND (0.0035)	ND (0.0051)	ND (0.0055)
Acetone	500	ND (0.0056)	ND (0.0056)	ND (0.0055)	ND (0.0056)	ND (0.0072)	ND (0.0089)	ND (0.005)	ND (0.0055)	ND (0.0073)	ND (0.0061)	ND (0.006)	ND (0.0077)	ND (0.0073)	ND (0.0072)	ND (0.0058)	ND (0.0042)	ND (0.0062)	ND (0.0066)
Benzene	44	ND (0.00093)	ND (0.00093)	ND (0.00091)	ND (0.00093)	ND (0.0012)	ND (0.0015)	ND (0.00084)	ND (0.00092)	ND (0.0012)	ND (0.001)	ND (0.001)	ND (0.0013)	ND (0.0012)	ND (0.0012)	ND (0.00097)	ND (0.0007)	ND (0.001)	ND (0.0011)
Bromodichloromethane	NA	ND (0.00093)	ND (0.00093)	ND (0.00091)	ND (0.00093)	ND (0.0012)	ND (0.0015)	ND (0.00084)	ND (0.00092)	ND (0.0012)	ND (0.001)	ND (0.001)	ND (0.0013)	ND (0.0012)	ND (0.0012)	ND (0.00097)	ND (0.0007)	ND (0.001)	ND (0.0011)
Bromoform	NA	ND (0.00093)	ND (0.00093)	ND (0.00091)	ND (0.00093)	ND (0.0012)	ND (0.0015)	ND (0.00084)	ND (0.00092)	ND (0.0012)	ND (0.001)	ND (0.001)	ND (0.0013)	ND (0.0012)	ND (0.0012)	ND (0.00097)	ND (0.0007)	ND (0.001)	ND (0.0011)
Bromomethane (Methyl Bromide)	NA	ND (0.0019)	ND (0.0019)	ND (0.0018)	ND (0.0019)	ND (0.0024)	ND (0.003)	ND (0.0017)	ND (0.0018)	ND (0.0024)	ND (0.002)	ND (0.002)	ND (0.0026)	ND (0.0024)	ND (0.0024)	ND (0.0019)	ND (0.0014)	ND (0.0021)	ND (0.0022)
Carbon disulfide	NA	ND (0.00093)	ND (0.00093)	ND (0.00091)	ND (0.00093)	ND (0.0012)	ND (0.0015)	ND (0.00084)	ND (0.00092)	ND (0.0012)	ND (0.001)	ND (0.001)	ND (0.0013)	ND (0.0012)	ND (0.0012)	ND (0.00097)	ND (0.0007)	ND (0.001)	ND (0.0011)
Carbon tetrachloride	22	ND (0.00093)	ND (0.00093)	ND (0.00091)	ND (0.00093)	ND (0.0012)	ND (0.0015)	ND (0.00084)	ND (0.00092)	ND (0.0012)	ND (0.001)	ND (0.001)	ND (0.0013)	ND (0.0012)	ND (0.0012)	ND (0.00097)	ND (0.0007)	ND (0.001)	ND (0.0011)
Chlorobenzene	500	ND (0.00093)	ND (0.00093)	ND (0.00091)	ND (0.00093)	ND (0.0012)	ND (0.0015)	ND (0.00084)	ND (0.00092)	ND (0.0012)	ND (0.001)	ND (0.001)	ND (0.0013)	ND (0.0012)	ND (0.0012)	ND (0.00097)	ND (0.0007)	ND (0.001)	ND (0.0011)
Chlorobromomethane	NA	ND (0.00093)	ND (0.00093)	ND (0.00091)	ND (0.00093)	ND (0.0012)	ND (0.0015)	ND (0.00084)	ND (0.00092)	ND (0.0012)	ND (0.001)	ND (0.001)	ND (0.0013)	ND (0.0012)	ND (0.0012)	ND (0.00097)	ND (0.0007)	ND (0.001)	ND (0.0011)
Chloroethane	NA	ND (0.00093)	ND (0.00093)	ND (0.00091)	ND (0.00093)	ND (0.0012)	ND (0.0015)	ND (0.00084)	ND (0.00092)	ND (0.0012)	ND (0.001)	ND (0.001)	ND (0.0013)	ND (0.0012)	ND (0.0012)	ND (0.00097)	ND (0.0007)	ND (0.001)	ND (0.0011)
Chloroform (Trichloromethane)	350	ND (0.00093)	ND (0.00093)	ND (0.00091)	ND (0.00093)	ND (0.0012)	ND (0.0015)	ND (0.00084)	ND (0.00092)	ND (0.0012)	ND (0.001)	ND (0.001)	ND (0.0013)	ND (0.0012)	ND (0.0012)	ND (0.00097)	ND (0.0007)	ND (0.001)	ND (0.0011)
Chloromethane (Methyl Chloride)	NA	ND (0.00093)	ND (0.00093)	ND (0.00091)	ND (0.00093)	ND (0.0012)	ND (0.0015)	ND (0.00084)	ND (0.00092)	ND (0.0012)	ND (0.001)	ND (0.001)	ND (0.0013)	ND (0.0012)	ND (0.0012)	ND (0.00097)	ND (0.0007)	ND (0.001)	ND (0.0011)
cis-1,2-Dichloroethene	500	ND (0.00093)	ND (0.00093)	ND (0.00091)	ND (0.00093)	ND (0.0012)	ND (0.0015)	ND (0.00084)	ND (0.00092)	ND (0.0012)	ND (0.001)	ND (0.001)	ND (0.0013)	ND (0.0012)	ND (0.0012)	ND (0.00097)	ND (0.0007)	ND (0.001)	ND (0.0011)
cis-1,3-Dichloropropene	NA	ND (0.00093)	ND (0.00093)	ND (0.00091)	ND (0.00093)	ND (0.0012)	ND (0.0015)	ND (0.00084)	ND (0.00092)	ND (0.0012)	ND (0.001)	ND (0.001)	ND (0.0013)	ND (0.0012)	ND (0.0012)	ND (0.00097)	ND (0.0007)	ND (0.001)	ND (0.0011)
Cyclohexane	NA	ND (0.00093)	ND (0.00093)	ND (0.00091)	ND (0.00093)	ND (0.0012)	ND (0.0015)	ND (0.00084)	ND (0.00092)	ND (0.0012)	ND (0.001)	ND (0.001)	ND (0.0013)	ND (0.0012)	ND (0.0012)	ND (0.00097)	ND (0.0007)	ND (0.001)	ND (0.0011)
Dibromochloromethane	NA	ND (0.00093)	ND (0.00093)	ND (0.00091)	ND (0.00093)	ND (0.0012)	ND (0.0015)	ND (0.00084)	ND (0.00092)	ND (0.0012)	ND (0.001)	ND (0.001)	ND (0.0013)	ND (0.0012)	ND (0.0012)	ND (0.00097)	ND (0.0007)	ND (0.001)	ND (0.0011)
Dichlorodifluoromethane (CFC-12)	NA	ND (0.00093)	ND (0.00093)	ND (0.00091) *	ND (0.00093) *	ND (0.0012) *	ND (0.0015) *	ND (0.00084) *	ND (0.00092) *	ND (0.0012) *	ND (0.001)	ND (0.001)	ND (0.0013) *	ND (0.0012) *	ND (0.0012) *	ND (0.00097) *	ND (0.0007) *	ND (0.001) *	ND (0.0011) *
Ethylbenzene	390	ND (0.00093)	ND (0.00093)	ND (0.00091)	ND (0.00093)	ND (0.0012)	ND (0.0015)	ND (0.00084)	ND (0.00092)	ND (0.0012)	ND (0.001)	ND (0.001)	ND (0.0013)	ND (0.0012)	ND (0.0012)	ND (0.00097)	ND (0.0007)	ND (0.001)	ND (0.0011)
Isopropylbenzene (Cumene)	NA	ND (0.00093)	ND (0.00093)	ND (0.00091)	ND (0.00093)	ND (0.0012)	ND (0.0015)	ND (0.00084)	ND (0.00092)	ND (0.0012)	ND (0.001)	ND (0.001)	ND (0.0013)	ND (0.0012)	ND (0.0012)	ND (0.00097)	ND (0.0007)	ND (0.001)	ND (0.0011)
m,p-Xylenes	NA	ND (0.00093)	ND (0.00093)	ND (0.00091)	ND (0.00093)	ND (0.0012)	ND (0.0015)	ND (0.00084)	ND (0.00092)	ND (0.0012)	ND (0.001)	ND (0.001)	ND (0.0013)	ND (0.0012)	ND (0.0012)	ND (0.00097)	ND (0.0007)	ND (0.001)	ND (0.0011)
Methyl acetate	NA	ND (0.0046)	ND (0.0046)	ND (0.0046)	ND (0.0047)	ND (0.006)	ND (0.0074)	ND (0.0042)	ND (0.0046)	ND (0.0061)	ND (0.0051)	ND (0.005)	ND (0.0064)	ND (0.0061)	ND (0.006)	ND (0.0048)	ND (0.0035)	ND (0.0051)	ND (0.0055)
Methyl Tert Butyl Ether (MTBE)	500	ND (0.00093)	ND (0.00093)	ND (0.00091)	ND (0.00093)	ND (0.0012)	ND (0.0015)	ND (0.00084)	ND (0.00092)	ND (0.0012)	ND (0.001)	ND (0.001)	ND (0.0013)	ND (0.0012)	ND (0.0012)	ND (0.00097)	ND (0.0007)	ND (0.001)	ND (0.0011)
Methylcyclohexane	NA	ND (0.00093)	ND (0.00093)	ND (0.00091)	ND (0.00093)	ND (0.0012)	ND (0.0015)	ND (0.00084)	ND (0.00092)	ND (0.0012)	ND (0.001)	ND (0.001)	ND (0.0013)	ND (0.0012)	ND (0.0012)	ND (0.00097)	ND (0.0007)	ND (0.001)	ND (0.0011)
Methylene chloride (Dichloromethane)	500	ND (0.0019)	0.0012 J	ND (0.0018)	ND (0.0019)	ND (0.0024)	ND (0.003)	0.0011 J	ND (0.0018)	0.0022 J	ND (0.002)	0.0012 J	0.0029	0.0014 J	0.0024	0.0028	0.0019	0.0013 J	0.002 J
n-Butylbenzene	500	ND (0.00093)	ND (0.00093)	ND (0.00091)	ND (0.00093)	ND (0.0012)	ND (0.0015)	ND (0.00084)	ND (0.00092)	ND (0.0012)	ND (0.001)	ND (0.001)	ND (0.0013)	ND (0.0012)	ND (0.0012)	ND (0.00097)	ND (0.0007)	ND (0.001)	ND (0.0011)
n-Propylbenzene	500	ND (0.00093)	ND (0.00093)	ND (0.00091)	ND (0.00093)	ND (0.0012)	ND (0.0015)	ND (0.00084)	ND (0.00092)	ND (0.0012)	ND (0.001)	ND (0.001)	ND (0.0013)	ND (0.0012)	ND (0.0012)	ND (0.00097)	ND (0.0007)	ND (0.001)	ND (0.0011)
o-Xylene	NA	ND (0.00093)	ND (0.00093)	ND (0.00091)	ND (0.00093)	ND (0.0012)	ND (0.0015)	ND (0.00084)	ND (0.00092)	ND (0.0012)	ND (0.001)	ND (0.001)	ND (0.0013)	ND (0.0012)	ND (0.0012)	ND (0.00097)	ND (0.0007)	ND (0.001)	ND (0.0011)
Styrene	NA	ND (0.00093)	ND (0.00093)	ND (0.00091)	ND (0.00093)	ND (0.0012)	ND (0.0015)	ND (0.00084)	ND (0.00092)	ND (0.0012)	ND (0.001)	ND (0.001)	ND (0.0013)	ND (0.0012)	ND (0.0012)	ND (0.00097)	ND (0.0007)	ND (0.001)	ND (0.0011)
tert-Butylbenzene	500	ND (0.00093)	ND (0.00093)	ND (0.00091)	ND (0.00093)	ND (0.0012)	ND (0.0015)	ND (0.00084)	ND (0.00092)	ND (0.0012)	ND (0.001)	ND (0.001)	ND (0.0013)	ND (0.0012)	ND (0.0012)	ND (0.00097)	ND (0.0007)	ND (0.001)	ND (0.0011)
Tetrachloroethene	150	ND (0.00093)	ND (0.00093)	ND (0.00091)	ND (0.00093)	ND (0.0012)	ND (0.0015)	ND (0.00084)	ND (0.00092)	ND (0.0012)	ND (0.001)	ND (0.001)	ND (0.0013)	ND (0.0012)	ND (0.0012)	ND (0.00097)	ND (0.0007)	ND (0.001)	ND (0.0011)
Toluene	500	ND (0.00093)	ND (0.00093)	ND (0.00091)	ND (0.00093)	0.0007 J	ND (0.0015)	0.00055 J	ND (0.00092)	ND (0.0012)	ND (0.001)	ND (0.001)	0.00068 J	ND (0.0012)	ND (0.0012)	0.00055 J	0.00031 J	0.0005 J	0.00047 J
trans-1,2-Dichloroethene	500	ND (0.00093)	ND (0.00093)	ND (0.00091)	ND (0.00093)	ND (0.0012)	ND (0.0015)	ND (0.00084)	ND (0.00092)	ND (0.0012)	ND (0.001)	ND (0.001)	ND (0.0013)	ND (0.0012)	ND (0.0012)	ND (0.00097)	ND (0.0007)	ND (0.001)	ND (0.0011)
trans-1,3-Dichloropropene	NA	ND (0.00093)	ND (0.00093)	ND (0.00091)	ND (0.00093)	ND (0.0012)	ND (0.0015)	ND (0.00084)	ND (0.00092)	ND (0.0012)	ND (0.001)	ND (0.001)	ND (0.0013)	ND (0.0012)	ND (0.0012)	ND (0.00097)	ND (0.0007)	ND (0.001)	ND (0.0011)
Trichloroethene	200	ND (0.00093)	ND (0.00093)	ND (0.00091)	ND (0.00093)	ND (0.0012)	ND (0.0015)	ND (0.00084)	ND (0.00092)	ND (0.0012)	ND (0.001)	ND (0.001)	ND (0.0013)	ND (0.0012)	ND (0.0012)	ND (0.00097)	ND (0.0007)	ND (0.001)	ND (0.0011)
Trichlorofluoromethane (CFC-11)	NA	ND (0.00093)	ND (0.00093)	ND (0.00091)	ND (0.00093)	ND (0.0012)	ND (0.0015)	ND (0.00084)	ND (0.00092)	ND (0.0012)	ND (0.001)	ND (0.001)	ND (0.0013)	ND (0.0012)	ND (0.0012)	ND (0.00097)	ND (0.0007)	ND (0.001)	ND (0.0011)
Trifluorotrichloroethane (Freon 113)	NA	ND (0.00093)	ND (0.00093)	ND (0.00091)	ND (0.00093)	ND (0.0012)	ND (0.0015)	ND (0.00084)	ND (0.00092)	ND (0.0012)	ND (0.001)	ND (0.001)	ND (0.0013)	ND (0.0012)	ND (0.0012)	ND (0.00097)	ND (0.0007)	ND (0.001)	ND (0.0011)
Vinyl chloride	13	ND (0.00093)	ND (0.00093)	ND (0.00091)	ND (0.00093)	ND (0.0012)	ND (0.0015)	ND (0.00084)	ND (0.00092)	ND (0.0012)	ND (0.001)	ND (0.001)	ND (0.0013)	ND (0.0012)	ND (0.0012)	ND (0.00097)	ND (0.0007)	ND (0.001)	ND (0.0011)
Xylene (Total)	500	ND (0.0019)	ND (0.0019)	ND (0.0018)	ND (0.0019)	ND (0.0024)	ND (0.003)	ND (0.0017)	ND (0.0018)	ND (0.0024)	ND (0.002)	ND (0.002)	ND (0.0026)	ND (0.0024)	ND (0.0024)	ND (0.0019)	ND (0.0014)	ND (0.0021)	ND (0.0022)

TABLE 17
SUMMARY OF SOIL QUALITY DATA - BERM 52
FORMER PORT MOBIL TERMINAL
STATEN ISLAND, NEW YORK
FILE NO. 0208998

Location Name	Criteria	52A	52A	52A1	52A1	52A1	52A2	52A2	52A3	52A3	52B	52B	52B1	52B1	52B2	52B2	52B2	52B3	52B3
Sample Name	NY Part 375 Commercial	52A_0-4	52A_4-8	52A1_1-2	52A1_4-5	52A1_7-8	52A2_3-4	52A2_5-6	52A3_2-3	52A3_6-7	52B_0-4	52B_4-8	52B1_1-2	52B1_5-6	52B2_2-3	52B2_4-5	52B2_7-8	52B3_3-4	52B3_4-5
Sample Date	Use	10/10/2025	10/10/2025	10/10/2025	10/10/2025	10/10/2025	10/10/2025	10/10/2025	10/10/2025	10/10/2025	10/10/2025	10/10/2025	10/10/2025	10/10/2025	10/10/2025	10/10/2025	10/10/2025	10/10/2025	10/10/2025
Lab Sample ID	Soil Cleanup	460-337049-1	460-337049-2	460-337049-29	460-337049-32	460-337049-35	460-337049-30	460-337049-33	460-337049-31	460-337049-34	460-337049-3	460-337049-4	460-337049-36	460-337049-39	460-337049-37	460-337049-42	460-337049-40	460-337049-38	460-337049-41
Sample Depth (bgs)	Objectives	0 - 4 (ft)	4 - 8 (ft)	1 - 2 (ft)	4 - 5 (ft)	7 - 8 (ft)	3 - 4 (ft)	5 - 6 (ft)	2 - 3 (ft)	6 - 7 (ft)	0 - 4 (ft)	4 - 8 (ft)	1 - 2 (ft)	5 - 6 (ft)	2 - 3 (ft)	4 - 5 (ft)	7 - 8 (ft)	3 - 4 (ft)	4 - 5 (ft)
Semi-Volatile Organic Compounds (mg/kg)																			
1,2,4,5-Tetrachlorobenzene	NA	ND (0.35)	ND (0.36)	-	-	-	-	-	-	-	ND (0.34)	ND (0.36)	-	-	-	-	-	-	-
1,4-Dioxane	130	ND (0.035)	ND (0.036)	-	-	-	-	-	-	-	ND (0.034)	ND (0.036)	-	-	-	-	-	-	-
2,2'-oxybis(1-Chloropropane)	NA	ND (0.35)	ND (0.36)	-	-	-	-	-	-	-	ND (0.34)	ND (0.36)	-	-	-	-	-	-	-
2,3,4,6-Tetrachlorophenol	NA	ND (0.35)	ND (0.36)	-	-	-	-	-	-	-	ND (0.34)	ND (0.36)	-	-	-	-	-	-	-
2,4,5-Trichlorophenol	NA	ND (0.35)	ND (0.36)	-	-	-	-	-	-	-	ND (0.34)	ND (0.36)	-	-	-	-	-	-	-
2,4,6-Trichlorophenol	NA	ND (0.14)	ND (0.14)	-	-	-	-	-	-	-	ND (0.14)	ND (0.14)	-	-	-	-	-	-	-
2,4-Dichlorophenol	NA	ND (0.14)	ND (0.14)	-	-	-	-	-	-	-	ND (0.14)	ND (0.14)	-	-	-	-	-	-	-
2,4-Dimethylphenol	NA	ND (0.35)	ND (0.36)	-	-	-	-	-	-	-	ND (0.34)	ND (0.36)	-	-	-	-	-	-	-
2,4-Dinitrophenol	NA	ND (0.28) *	ND (0.29) *	-	-	-	-	-	-	-	ND (0.27) *	ND (0.29) *	-	-	-	-	-	-	-
2,4-Dinitrotoluene	NA	ND (0.07)	ND (0.073)	-	-	-	-	-	-	-	ND (0.069)	ND (0.072)	-	-	-	-	-	-	-
2,6-Dinitrotoluene	NA	ND (0.07)	ND (0.073)	-	-	-	-	-	-	-	ND (0.069)	ND (0.072)	-	-	-	-	-	-	-
2-Chloronaphthalene	NA	ND (0.35)	ND (0.36)	-	-	-	-	-	-	-	ND (0.34)	ND (0.36)	-	-	-	-	-	-	-
2-Chlorophenol	NA	ND (0.35)	ND (0.36)	-	-	-	-	-	-	-	ND (0.34)	ND (0.36)	-	-	-	-	-	-	-
2-Methylnaphthalene	NA	0.068 J	0.033 J	-	-	-	-	-	-	-	0.017 J	0.017 J	-	-	-	-	-	-	-
2-Methylphenol (o-Cresol)	500	ND (0.35)	ND (0.36)	-	-	-	-	-	-	-	ND (0.34)	ND (0.36)	-	-	-	-	-	-	-
2-Nitroaniline	NA	ND (0.35)	ND (0.36)	-	-	-	-	-	-	-	ND (0.34)	ND (0.36)	-	-	-	-	-	-	-
2-Nitrophenol	NA	ND (0.35)	ND (0.36)	-	-	-	-	-	-	-	ND (0.34)	ND (0.36)	-	-	-	-	-	-	-
3&4-Methylphenol	NA	ND (0.35)	ND (0.36)	-	-	-	-	-	-	-	ND (0.34)	ND (0.36)	-	-	-	-	-	-	-
3,3'-Dichlorobenzidine	NA	ND (0.14)	ND (0.14)	-	-	-	-	-	-	-	ND (0.14)	ND (0.14)	-	-	-	-	-	-	-
3-Nitroaniline	NA	ND (0.35)	ND (0.36)	-	-	-	-	-	-	-	ND (0.34)	ND (0.36)	-	-	-	-	-	-	-
4,6-Dinitro-2-methylphenol	NA	ND (0.28) *	ND (0.29) *	-	-	-	-	-	-	-	ND (0.27) *	ND (0.29) *	-	-	-	-	-	-	-
4-Bromophenyl phenyl ether (BDE-3)	NA	ND (0.35)	ND (0.36)	-	-	-	-	-	-	-	ND (0.34)	ND (0.36)	-	-	-	-	-	-	-
4-Chloro-3-methylphenol	NA	ND (0.35)	ND (0.36)	-	-	-	-	-	-	-	ND (0.34)	ND (0.36)	-	-	-	-	-	-	-
4-Chloroaniline	NA	ND (0.35)	ND (0.36)	-	-	-	-	-	-	-	ND (0.34)	ND (0.36)	-	-	-	-	-	-	-
4-Chlorophenyl phenyl ether	NA	ND (0.35)	ND (0.36)	-	-	-	-	-	-	-	ND (0.34)	ND (0.36)	-	-	-	-	-	-	-
4-Methylphenol	500	ND (0.35)	ND (0.36)	-	-	-	-	-	-	-	ND (0.34)	ND (0.36)	-	-	-	-	-	-	-
4-Nitroaniline	NA	ND (0.35)	ND (0.36)	-	-	-	-	-	-	-	ND (0.34)	ND (0.36)	-	-	-	-	-	-	-
4-Nitrophenol	NA	ND (0.7)	ND (0.73)	-	-	-	-	-	-	-	ND (0.69)	ND (0.72)	-	-	-	-	-	-	-
Acenaphthene	500	ND (0.35)	ND (0.36)	-	-	-	-	-	-	-	ND (0.34)	ND (0.36)	-	-	-	-	-	-	-
Acenaphthylene	500	0.035 J	ND (0.36)	-	-	-	-	-	-	-	ND (0.34)	ND (0.36)	-	-	-	-	-	-	-
Acetophenone	NA	ND (0.35)	ND (0.36)	-	-	-	-	-	-	-	ND (0.34)	ND (0.36)	-	-	-	-	-	-	-
Anthracene	500	0.025 J	ND (0.36)	-	-	-	-	-	-	-	ND (0.34)	ND (0.36)	-	-	-	-	-	-	-
Atrazine	NA	ND (0.14)	ND (0.14)	-	-	-	-	-	-	-	ND (0.14)	ND (0.14)	-	-	-	-	-	-	-
Benzaldehyde	NA	ND (0.35)	ND (0.36)	-	-	-	-	-	-	-	ND (0.34)	ND (0.36)	-	-	-	-	-	-	-
Benzo(a)anthracene	5.6	0.08	ND (0.036)	-	-	-	-	-	-	-	ND (0.034)	ND (0.036)	-	-	-	-	-	-	-
Benzo(a)pyrene	1	0.1	0.017 J	-	-	-	-	-	-	-	0.014 J	0.01 J	-	-	-	-	-	-	-
Benzo(b)fluoranthene	5.6	0.11	0.028 J	-	-	-	-	-	-	-	0.02 J	0.018 J	-	-	-	-	-	-	-
Benzo(g,h,i)perylene	500	0.076 J	0.019 J	-	-	-	-	-	-	-	0.016 J	0.012 J	-	-	-	-	-	-	-
Benzo(k)fluoranthene	56	0.038	0.012 J	-	-	-	-	-	-	-	0.0075 J	ND (0.036)	-	-	-	-	-	-	-
Biphenyl	NA	ND (0.35)	ND (0.36)	-	-	-	-	-	-	-	ND (0.34)	ND (0.36)	-	-	-	-	-	-	-
bis(2-Chloroethoxy)methane	NA	ND (0.35)	ND (0.36)	-	-	-	-	-	-	-	ND (0.34)	ND (0.36)	-	-	-	-	-	-	-
bis(2-Chloroethyl)ether	NA	ND (0.035)	ND (0.036)	-	-	-	-	-	-	-	ND (0.034)	ND (0.036)	-	-	-	-	-	-	-
bis(2-Ethylhexyl)phthalate	NA	ND (0.35)	0.02 J	-	-	-	-	-	-	-	ND (0.34)	ND (0.36)	-	-	-	-	-	-	-
Butyl benzylphthalate (BBP)	NA	ND (0.35)	ND (0.36)	-	-	-	-	-	-	-	ND (0.34)	ND (0.36)	-	-	-	-	-	-	-
Caprolactam	NA	ND (0.35)	ND (0.36)	-	-	-	-	-	-	-	ND (0.34)	ND (0.36)	-	-	-	-	-	-	-
Carbazole	NA	ND (0.35)	ND (0.36)	-	-	-	-	-	-	-	ND (0.34)	ND (0.36)	-	-	-	-	-	-	-
Chrysene	56	0.11 J	0.039 J	-	-	-	-	-	-	-	0.017 J	0.02 J	-	-	-	-	-	-	-
Dibenz(a,h)anthracene	0.56	0.017 J	ND (0.036)	-	-	-	-	-	-	-	ND (0.034)	ND (0.036)	-	-	-	-	-	-	-
Dibenzofuran	350	ND (0.35)	ND (0.36)	-	-	-	-	-	-	-	ND (0.34)	ND (0.36)	-	-	-	-	-	-	-
Diethyl phthalate	NA	ND (0.35)	ND (0.36)	-	-	-	-	-	-	-	ND (0.34)	ND (0.36)	-	-	-	-	-	-	-
Dimethyl phthalate	NA	ND (0.35)	ND (0.36)	-	-	-	-	-	-	-	ND (0.34)	ND (0.36)	-	-	-	-	-	-	-
Di-n-butylphthalate (DBP)	NA	0.02 J	0.019 J	-	-	-	-	-	-	-	0.015 J	ND (0.36)	-	-	-	-	-	-	-
Di-n-octyl phthalate (DnOP)	NA	ND (0.35)	ND (0.36)	-	-	-	-	-	-	-	ND (0.34)	ND (0.36)	-	-	-	-	-	-	-
Fluoranthene	500	0.091 J	0.028 J	-	-	-	-	-	-	-	0.018 J	0.018 J	-	-	-	-	-	-	-
Fluorene	500	ND (0.35)	ND (0.36)	-	-	-	-	-	-	-	ND (0.34)	ND (0.36)	-	-	-	-	-	-	-
Hexachlorobenzene	6	ND (0.035)	ND (0.036)	-	-	-	-	-	-	-	ND (0.034)	ND (0.036)	-	-	-	-	-	-	-
Hexachlorobutadiene	NA	ND (0.07)	ND (0.073)	-	-	-	-	-	-	-	ND (0.069)	ND (0.072)	-	-	-	-	-	-	-
Hexachlorocyclopentadiene	NA	ND (0.35)	ND (0.36)	-	-	-	-	-	-	-	ND (0.34)	ND (0.36)	-	-	-	-	-	-	-
Hexachloroethane	NA	ND (0.035)	ND (0.036)	-	-	-	-	-	-	-	ND (0.034)	ND (0.036)	-	-	-	-	-	-	-
Indeno(1,2,3-cd)pyrene	5.6	0.06	0.016 J	-	-	-	-	-	-	-	ND (0.034)	ND (0.036)	-	-	-	-	-	-	-
Isophorone	NA	ND (0.14)	ND (0.14)	-	-	-	-	-	-	-	ND (0.14)	ND (0.14)	-	-	-	-	-	-	-
Naphthalene	500	0.055 J	0.026 J	-	-	-	-	-	-	-	0.013 J	0.016 J	-	-	-	-	-	-	-
Nitrobenzene	NA	ND (0.035)	ND (0.036)	-	-	-	-	-	-	-	ND (0.034)	ND (0.036)	-	-	-	-	-	-	-
N-Nitrosodi-n-propylamine	NA	ND (0.035)	ND (0.036)	-	-	-	-	-	-	-	ND (0.034)	ND (0.036)	-	-	-	-	-	-	-
N-Nitrosodiphenylamine	NA	ND (0.35)	ND (0.36)	-	-	-	-	-	-	-	ND (0.34)	ND (0.36)	-	-	-	-	-	-	-
Pentachlorophenol	6.7	ND (0.28)	ND (0.29)	-	-	-	-	-	-	-	ND (0.27)	ND (0.29)	-	-	-	-	-	-	-
Phenanthrene	500	0.062 J	0.028 J	-	-	-	-	-	-	-	0.016 J	0.023 J	-	-	-	-	-	-	-
Phenol	500	ND (0.35)	ND (0.36)	-	-	-	-	-	-	-	ND (0.34)	ND (0.36)	-	-	-	-	-	-	-
Pyrene	500	0.12 J	0.024 J	-	-	-	-	-	-	-	0.018 J	0.017 J	-	-	-	-	-	-	-

TABLE 17
SUMMARY OF SOIL QUALITY DATA - BERM 52
FORMER PORT MOBIL TERMINAL
STATEN ISLAND, NEW YORK
FILE NO. 0208998

Location Name	Criteria	52A	52A	52A1	52A1	52A1	52A2	52A2	52A3	52A3	52B	52B	52B1	52B1	52B2	52B2	52B2	52B3	52B3
Sample Name	NY Part 375 Commercial	52A_0-4	52A_4-8	52A1_1-2	52A1_4-5	52A1_7-8	52A2_3-4	52A2_5-6	52A3_2-3	52A3_6-7	52B_0-4	52B_4-8	52B1_1-2	52B1_5-6	52B2_2-3	52B2_4-5	52B2_7-8	52B3_3-4	52B3_4-5
Sample Date	Use	10/10/2025	10/10/2025	10/10/2025	10/10/2025	10/10/2025	10/10/2025	10/10/2025	10/10/2025	10/10/2025	10/10/2025	10/10/2025	10/10/2025	10/10/2025	10/10/2025	10/10/2025	10/10/2025	10/10/2025	10/10/2025
Lab Sample ID	Soil Cleanup	460-337049-1	460-337049-2	460-337049-29	460-337049-32	460-337049-35	460-337049-30	460-337049-33	460-337049-31	460-337049-34	460-337049-3	460-337049-4	460-337049-36	460-337049-39	460-337049-37	460-337049-42	460-337049-40	460-337049-38	460-337049-41
Sample Depth (bgs)	Objectives	0 - 4 (ft)	4 - 8 (ft)	1 - 2 (ft)	4 - 5 (ft)	7 - 8 (ft)	3 - 4 (ft)	5 - 6 (ft)	2 - 3 (ft)	6 - 7 (ft)	0 - 4 (ft)	4 - 8 (ft)	1 - 2 (ft)	5 - 6 (ft)	2 - 3 (ft)	4 - 5 (ft)	7 - 8 (ft)	3 - 4 (ft)	4 - 5 (ft)
PFAS (mg/kg)																			
11-Chloroeicosafluoro-3-Oxaundecane-1-Sulfonic Acid (11Cl-PF3OUdS)	NA	ND (0.0002)	ND (0.00019)	-	-	-	-	-	-	-	ND (0.0002)	ND (0.00019)	-	-	-	-	-	-	-
2H,2H,3H,3H-Perfluorooctanoic acid (5:3 FTCA)	NA	ND (0.00098)	ND (0.00097)	-	-	-	-	-	-	-	ND (0.001)	ND (0.00097)	-	-	-	-	-	-	-
3-(Perfluoroheptyl)propanoic acid (7:3 FTCA)	NA	0.00079 J	ND (0.00097)	-	-	-	-	-	-	-	ND (0.001)	ND (0.00097)	-	-	-	-	-	-	-
3:3 Fluorotelomer carboxylic acid (3:3 FTCA)	NA	ND (0.00039)	ND (0.00039)	-	-	-	-	-	-	-	ND (0.0004)	ND (0.00039)	-	-	-	-	-	-	-
4,8-Dioxa-3H-Perfluorononanoic Acid (ADONA)	NA	ND (0.0002)	ND (0.00019)	-	-	-	-	-	-	-	ND (0.0002)	ND (0.00019)	-	-	-	-	-	-	-
4:2 Fluorotelomer sulfonic acid (4:2 FTS)	NA	ND (0.00039)	ND (0.00039)	-	-	-	-	-	-	-	ND (0.0004)	ND (0.00039)	-	-	-	-	-	-	-
6:2 Fluorotelomer sulfonic acid (6:2 FTS)	NA	ND (0.00039)	ND (0.00039)	-	-	-	-	-	-	-	ND (0.0004)	ND (0.00039)	-	-	-	-	-	-	-
8:2 Fluorotelomer sulfonic acid (8:2 FTS)	NA	0.00375	ND (0.00039)	-	-	-	-	-	-	-	ND (0.0004)	ND (0.00039)	-	-	-	-	-	-	-
9-Chlorohexadecafluoro-3-Oxanone-1-Sulfonic Acid (9Cl-PF3ONS)	NA	ND (0.0002)	ND (0.00019)	-	-	-	-	-	-	-	ND (0.0002)	ND (0.00019)	-	-	-	-	-	-	-
N-Ethyl Perfluorooctanesulfonamidoacetic Acid (NEtFOSAA)	NA	ND (0.0002)	ND (0.00019)	-	-	-	-	-	-	-	ND (0.0002)	ND (0.00019)	-	-	-	-	-	-	-
N-Ethylperfluorooctane sulfonamide (N-EtFOSA)	NA	ND (0.0002)	ND (0.00019)	-	-	-	-	-	-	-	ND (0.0002)	ND (0.00019)	-	-	-	-	-	-	-
N-Ethylperfluorooctane sulfonamidoethanol (N-EtFOSE)	NA	ND (0.00098)	ND (0.00097)	-	-	-	-	-	-	-	ND (0.001)	ND (0.00097)	-	-	-	-	-	-	-
N-Methyl Perfluorooctanesulfonamidoacetic Acid (NMeFOSAA)	NA	ND (0.0002)	ND (0.00019)	-	-	-	-	-	-	-	ND (0.0002)	ND (0.00019)	-	-	-	-	-	-	-
N-Methylperfluorooctane sulfonamide (N-MeFOSA)	NA	ND (0.0002)	ND (0.00019)	-	-	-	-	-	-	-	ND (0.0002)	ND (0.00019)	-	-	-	-	-	-	-
N-Methylperfluorooctane sulfonamidoethanol (N-MeFOSE)	NA	ND (0.00098)	ND (0.00097)	-	-	-	-	-	-	-	ND (0.001)	ND (0.00097)	-	-	-	-	-	-	-
Nonafluoro-3,6-dioxaheptanoic acid (NFDHA)	NA	ND (0.0002)	ND (0.00019)	-	-	-	-	-	-	-	ND (0.0002)	ND (0.00019)	-	-	-	-	-	-	-
Perfluoro(2-ethoxyethane) sulphonic acid (PFEESA)	NA	ND (0.0002)	ND (0.00019)	-	-	-	-	-	-	-	ND (0.0002)	ND (0.00019)	-	-	-	-	-	-	-
Perfluoro(4-methoxybutanoic) acid (PFMBA)	NA	ND (0.0002)	ND (0.00019)	-	-	-	-	-	-	-	ND (0.0002)	ND (0.00019)	-	-	-	-	-	-	-
Perfluoro-2-propoxypropanoic acid (PFPrOPrA)(GenX) (HFPO-DA)	NA	ND (0.0002)	ND (0.00019)	-	-	-	-	-	-	-	ND (0.0002)	ND (0.00019)	-	-	-	-	-	-	-
Perfluoro-3-methoxypropanoic acid (PFMPA)	NA	ND (0.0002)	ND (0.00019)	-	-	-	-	-	-	-	ND (0.0002)	ND (0.00019)	-	-	-	-	-	-	-
Perfluorobutanesulfonic acid (PFBS)	NA	ND (0.0002)	ND (0.00019)	-	-	-	-	-	-	-	ND (0.0002)	ND (0.00019)	-	-	-	-	-	-	-
Perfluorobutanoic acid (PFBA)	NA	ND (0.00039)	ND (0.00039)	-	-	-	-	-	-	-	ND (0.0004)	ND (0.00039)	-	-	-	-	-	-	-
Perfluorodecanesulfonic acid (PFDS)	NA	ND (0.0002)	ND (0.00019)	-	-	-	-	-	-	-	ND (0.0002)	ND (0.00019)	-	-	-	-	-	-	-
Perfluorodecanoic acid (PFDA)	NA	0.00076	0.00017 J	-	-	-	-	-	-	-	0.000099 J	0.000084 J	-	-	-	-	-	-	-
Perfluorododecane sulfonic acid (PFDoDS)	NA	ND (0.0002)	ND (0.00019)	-	-	-	-	-	-	-	ND (0.0002)	ND (0.00019)	-	-	-	-	-	-	-
Perfluorododecanoic acid (PFDoDA)	NA	0.00056	ND (0.00019)	-	-	-	-	-	-	-	0.00016 J	ND (0.00019)	-	-	-	-	-	-	-
Perfluoroheptanesulfonic acid (PFHpS)	NA	ND (0.0002)	ND (0.00019)	-	-	-	-	-	-	-	ND (0.0002)	ND (0.00019)	-	-	-	-	-	-	-
Perfluoroheptanoic acid (PFHpA)	NA	0.00017 J	ND (0.00019)	-	-	-	-	-	-	-	ND (0.00015)	ND (0.00019)	-	-	-	-	-	-	-
Perfluorohexanesulfonic acid (PFHxS)	NA	ND (0.0002)	ND (0.00019)	-	-	-	-	-	-	-	ND (0.0002)	ND (0.00019)	-	-	-	-	-	-	-
Perfluorohexanoic acid (PFHxA)	NA	ND (0.00012)	ND (0.00019)	-	-	-	-	-	-	-	ND (0.00018)	ND (0.00012)	-	-	-	-	-	-	-
Perfluorononane sulfonic acid (PFNS)	NA	ND (0.0002)	ND (0.00019)	-	-	-	-	-	-	-	ND (0.0002)	ND (0.00019)	-	-	-	-	-	-	-
Perfluorononanoic acid (PFNA)	NA	0.00045	0.00052	-	-	-	-	-	-	-	0.00027	0.00015 J	-	-	-	-	-	-	-
Perfluorooctane sulfonamide (PFOSA)	NA	ND (0.0002)	ND (0.00019)	-	-	-	-	-	-	-	ND (0.0002)	ND (0.00019)	-	-	-	-	-	-	-
Perfluorooctanesulfonic acid (PFOS)	0.44	ND (0.0002)	0.0001 J	-	-	-	-	-	-	-	ND (0.0002)	ND (0.00019)	-	-	-	-	-	-	-
Perfluorooctanoic acid (PFOA)	0.5	0.00024	0.00017	-	-	-	-	-	-	-	ND (0.00015)	0.000072 J	-	-	-	-	-	-	-
Perfluoropentanesulfonic acid (PFPeS)	NA	ND (0.0002)	ND (0.00019)	-	-	-	-	-	-	-	ND (0.0002)	ND (0.00019)	-	-	-	-	-	-	-
Perfluoropentanoic acid (PFPeA)	NA	ND (0.0002)	ND (0.00019)	-	-	-	-	-	-	-	ND (0.0002)	ND (0.00019)	-	-	-	-	-	-	-
Perfluorotetradecanoic acid (PFTeDA)	NA	0.00019 J	ND (0.00019)	-	-	-	-	-	-	-	ND (0.0002)	ND (0.00019)	-	-	-	-	-	-	-
Perfluorotridecanoic acid (PFTrDA)	NA	0.00207	ND (0.00019)	-	-	-	-	-	-	-	0.00326	0.00074	-	-	-	-	-	-	-
Perfluoroundecanoic acid (PFUnDA)	NA	0.00245	0.00086	-	-	-	-	-	-	-	0.00389	0.00111	-	-	-	-	-	-	-
Pesticides (mg/kg)																			
4,4'-DDD	92	ND (0.007)	ND (0.0073)	-	-	-	-	-	-	-	ND (0.0069)	ND (0.0072)	-	-	-	-	-	-	-
4,4'-DDE	62	ND (0.007)	ND (0.0073)	-	-	-	-	-	-	-	ND (0.0069)	ND (0.0072)	-	-	-	-	-	-	-
4,4'-DDT	47	0.0034 J	ND (0.0073)	-	-	-	-	-	-	-	ND (0.0069)	ND (0.0072)	-	-	-	-	-	-	-
Aldrin	0.68	ND (0.007)	ND (0.0073)	-	-	-	-	-	-	-	ND (0.0069)	ND (0.0072)	-	-	-	-	-	-	-
alpha-BHC	3.4	ND (0.0021)	ND (0.0022)	-	-	-	-	-	-	-	ND (0.0021)	ND (0.0021)	-	-	-	-	-	-	-
alpha-Chlordane (cis)	24	ND (0.007)	ND (0.0073)	-	-	-	-	-	-	-	ND (0.0069)	ND (0.0072)	-	-	-	-	-	-	-
beta-BHC	3	ND (0.0021)	ND (0.0022)	-	-	-	-	-	-	-	ND (0.0021)	ND (0.0021)	-	-	-	-	-	-	-
Chlordane	NA	ND (0.07)	ND (0.073)	-	-	-	-	-	-	-	ND (0.069)	ND (0.072)	-	-	-	-	-	-	-
delta-BHC	500	ND (0.0021)	ND (0.0022)	-	-	-	-	-	-	-	ND (0.0021)	ND (0.0021)	-	-	-	-	-	-	-
Dieldrin	1.4	ND (0.0021)	ND (0.0022)	-	-	-	-	-	-	-	ND (0.0021)	ND (0.0021)	-	-	-	-	-	-	-
Endosulfan I	200	ND (0.007)	ND (0.0073)	-	-	-	-	-	-	-	ND (0.0069)	ND (0.0072)	-	-	-	-	-	-	-
Endosulfan II	200	ND (0.007)	ND (0.0073)	-	-	-	-	-	-	-	ND (0.0069)	ND (0.0072)	-	-	-	-	-	-	-
Endosulfan sulfate	200	ND (0.007)	ND (0.0073)	-	-	-	-	-	-	-	ND (0.0069)	ND (0.0072)	-	-	-	-	-	-	-
Endrin	89	ND (0.007)	ND (0.0073)	-	-	-	-	-	-	-	ND (0.0069)	ND (0.0072)	-	-	-	-	-	-	-
Endrin aldehyde	NA	ND (0.007)	ND (0.0073)	-	-	-	-	-	-	-	ND (0.0069)	ND (0.0072)	-	-	-	-	-	-	-
Endrin ketone	NA	ND (0.007)	ND (0.0073)	-	-	-	-	-	-	-	ND (0.0069)	ND (0.0072)	-	-	-	-	-	-	-
gamma-BHC (Lindane)	9.2	ND (0.0021)	ND (0.0022)	-	-	-	-	-	-	-	ND (0.0021)	ND (0.0021)	-	-	-	-	-	-	-
Heptachlor	15	ND (0.007)	ND (0.0073)	-	-	-	-	-	-	-	ND (0.0069)	ND (0.0072)	-	-	-	-	-	-	-
Heptachlor epoxide	NA	ND (0.007)	ND (0.0073)	-	-	-	-	-	-	-	ND (0.0069)	ND (0.0072)	-	-	-	-	-	-	-
Methoxychlor	NA	ND (0.007)	ND (0.0073)	-	-	-	-	-	-	-	ND (0.0069)	ND (0.0072)	-	-	-	-	-	-	-
Toxaphene	NA	ND (0.07)	ND (0.073)	-	-	-	-	-	-	-	ND (0.069)	ND (0.072)	-	-	-	-	-	-	-

TABLE 17
SUMMARY OF SOIL QUALITY DATA - BERM 52
FORMER PORT MOBIL TERMINAL
STATEN ISLAND, NEW YORK
FILE NO. 0208998

	Criteria																		
Location Name	NY Part 375	52A	52A	52A1	52A1	52A1	52A2	52A2	52A3	52A3	52B	52B	52B1	52B1	52B2	52B2	52B2	52B3	52B3
Sample Name	Commercial	52A_0-4	52A_4-8	52A1_1-2	52A1_4-5	52A1_7-8	52A2_3-4	52A2_5-6	52A3_2-3	52A3_6-7	52B_0-4	52B_4-8	52B1_1-2	52B1_5-6	52B2_2-3	52B2_4-5	52B2_7-8	52B3_3-4	52B3_4-5
Sample Date	Use	10/10/2025	10/10/2025	10/10/2025	10/10/2025	10/10/2025	10/10/2025	10/10/2025	10/10/2025	10/10/2025	10/10/2025	10/10/2025	10/10/2025	10/10/2025	10/10/2025	10/10/2025	10/10/2025	10/10/2025	10/10/2025
Lab Sample ID	Soil Cleanup	460-337049-1	460-337049-2	460-337049-29	460-337049-32	460-337049-35	460-337049-30	460-337049-33	460-337049-31	460-337049-34	460-337049-3	460-337049-4	460-337049-36	460-337049-39	460-337049-37	460-337049-42	460-337049-40	460-337049-38	460-337049-41
Sample Depth (bgs)	Objectives	0 - 4 (ft)	4 - 8 (ft)	1 - 2 (ft)	4 - 5 (ft)	7 - 8 (ft)	3 - 4 (ft)	5 - 6 (ft)	2 - 3 (ft)	6 - 7 (ft)	0 - 4 (ft)	4 - 8 (ft)	1 - 2 (ft)	5 - 6 (ft)	2 - 3 (ft)	4 - 5 (ft)	7 - 8 (ft)	3 - 4 (ft)	4 - 5 (ft)
Polychlorinated Biphenyls (mg/kg)																			
Aroclor-1016 (PCB-1016)	NA	ND (0.07)	ND (0.073)	-	-	-	-	-	-	-	ND (0.069)	ND (0.072)	-	-	-	-	-	-	-
Aroclor-1221 (PCB-1221)	NA	ND (0.07)	ND (0.073)	-	-	-	-	-	-	-	ND (0.069)	ND (0.072)	-	-	-	-	-	-	-
Aroclor-1232 (PCB-1232)	NA	ND (0.07)	ND (0.073)	-	-	-	-	-	-	-	ND (0.069)	ND (0.072)	-	-	-	-	-	-	-
Aroclor-1242 (PCB-1242)	NA	ND (0.07)	ND (0.073)	-	-	-	-	-	-	-	ND (0.069)	ND (0.072)	-	-	-	-	-	-	-
Aroclor-1248 (PCB-1248)	NA	ND (0.07)	ND (0.073)	-	-	-	-	-	-	-	ND (0.069)	ND (0.072)	-	-	-	-	-	-	-
Aroclor-1254 (PCB-1254)	NA	ND (0.07)	ND (0.073)	-	-	-	-	-	-	-	ND (0.069)	ND (0.072)	-	-	-	-	-	-	-
Aroclor-1260 (PCB-1260)	NA	ND (0.07)	ND (0.073)	-	-	-	-	-	-	-	ND (0.069)	ND (0.072)	-	-	-	-	-	-	-
Aroclor-1262 (PCB-1262)	NA	ND (0.07)	ND (0.073)	-	-	-	-	-	-	-	ND (0.069)	ND (0.072)	-	-	-	-	-	-	-
Aroclor-1268 (PCB-1268)	NA	ND (0.07)	ND (0.073)	-	-	-	-	-	-	-	ND (0.069)	ND (0.072)	-	-	-	-	-	-	-
Total PCBs	1	ND (0.07)	ND (0.073)	-	-	-	-	-	-	-	ND (0.069)	ND (0.072)	-	-	-	-	-	-	-
Inorganic Compounds (mg/kg)																			
Aluminum	NA	7150	5560	-	-	-	-	-	-	-	6090	5450	-	-	-	-	-	-	-
Antimony	NA	2.6	1.9	-	-	-	-	-	-	-	3.6	2.3	-	-	-	-	-	-	-
Arsenic	16	8.6	4	-	-	-	-	-	-	-	9.6	8	-	-	-	-	-	-	-
Barium	400	52.6	29.2	-	-	-	-	-	-	-	40.6	36.9	-	-	-	-	-	-	-
Beryllium	590	1.1	0.34 J	-	-	-	-	-	-	-	0.7	0.74	-	-	-	-	-	-	-
Cadmium	9.3	0.33 J	ND (0.88)	-	-	-	-	-	-	-	0.21 J	0.24 J	-	-	-	-	-	-	-
Calcium	NA	3290	535	-	-	-	-	-	-	-	954	918	-	-	-	-	-	-	-
Chromium	NA	36.5	18.9	-	-	-	-	-	-	-	20.5	17.9	-	-	-	-	-	-	-
Cobalt	NA	11.3	2.3	-	-	-	-	-	-	-	5.3	4.3	-	-	-	-	-	-	-
Copper	270	104	26.1	-	-	-	-	-	-	-	70.8	52.6	-	-	-	-	-	-	-
Iron	NA	23400	12100	-	-	-	-	-	-	-	17800	14900	-	-	-	-	-	-	-
Lead	1000	164	49.1	-	-	-	-	-	-	-	209	107	-	-	-	-	-	-	-
Magnesium	NA	3060	561	-	-	-	-	-	-	-	1130	1010	-	-	-	-	-	-	-
Manganese	10000	140	49.6	-	-	-	-	-	-	-	97.7	94.3	-	-	-	-	-	-	-
Mercury	2.8	0.036	0.045	-	-	-	-	-	-	-	0.033	0.031	-	-	-	-	-	-	-
Nickel	310	48.5	5.7	-	-	-	-	-	-	-	22	15.2	-	-	-	-	-	-	-
Potassium	NA	1420	412	-	-	-	-	-	-	-	1020	961	-	-	-	-	-	-	-
Selenium	1500	0.69 J	0.22 J	-	-	-	-	-	-	-	0.61 J	0.37 J	-	-	-	-	-	-	-
Silver	1500	0.31 J	0.21 J	-	-	-	-	-	-	-	0.4	0.35	-	-	-	-	-	-	-
Sodium	NA	96.6	ND (88.4)	-	-	-	-	-	-	-	80.9	62 J	-	-	-	-	-	-	-
Thallium	NA	0.074 J	0.073 J	-	-	-	-	-	-	-	0.07 J	0.061 J	-	-	-	-	-	-	-
Vanadium	NA	29.7	36.8	-	-	-	-	-	-	-	25.7	22.5	-	-	-	-	-	-	-
Zinc	10000	306	30.2	-	-	-	-	-	-	-	170	115	-	-	-	-	-	-	-

ABBREVIATIONS AND NOTES:

mg/kg: milligram per kilogram

**: LCS or LCSD is outside acceptance limits.*
-: Not Analyzed
B: Compound was found in the blank and the associated sample.
bgs: below ground surface
ft: feet
J: Value is estimated.
NA: Not Applicable
ND (2.5): Not detected, number in parentheses is the laboratory reporting limit

- For test methods used, see the laboratory data sheets.
- Soil analytical results are compared to the New York State Department of Environmental Conservation (NYSDEC) Title 6 of the Official Compilation of New York Codes, Rules, and Regulations (NYCRR) Part 375 Commercial Use Soil Cleanup Objectives (SCO).
- Grey shading indicates an exceedance of the Commercial Use Soil Cleanup Objectives.

TABLE 17
SUMMARY OF SOIL QUALITY DATA - BERM 52
FORMER PORT MOBIL TERMINAL
STATEN ISLAND, NEW YORK
FILE NO. 0208998

	Criteria																		
Location Name	NY Part 375	52C	52C	52C	52C1	52C1	52C2	52C2	52C3	52C3	52D	52D	52D1	52D1	52D1	52D2	52D2	52D3	52D3
Sample Name	Commercial	52C_0-4	52C_4-8	52C_7-8	52C1_2-3	52C1_6-7	52C2_1-2	52C2_5-6	52C3_2-3	52C3_4-5	52D_0-4	52D_4-8	52D1_2-3	52D1_3-4	52D1_5-6	52D2_1-2	52D2_7-8	52D3_4-5	52D3_5-6
Sample Date	Use	10/10/2025	10/10/2025	10/10/2025	10/10/2025	10/10/2025	10/10/2025	10/10/2025	10/10/2025	10/10/2025	10/10/2025	10/10/2025	10/10/2025	10/10/2025	10/10/2025	10/10/2025	10/10/2025	10/10/2025	10/10/2025
Lab Sample ID	Soil Cleanup	460-337049-5	460-337049-6	460-337049-48	460-337049-43	460-337049-46	460-337049-44	460-337049-47	460-337049-49	460-337049-45	460-337049-7	460-337049-8	460-337049-56	460-337049-50	460-337049-53	460-337049-51	460-337049-54	460-337049-52	460-337049-55
Sample Depth (bgs)	Objectives	0 - 4 (ft)	4 - 8 (ft)	7 - 8 (ft)	2 - 3 (ft)	6 - 7 (ft)	1 - 2 (ft)	5 - 6 (ft)	2 - 3 (ft)	4 - 5 (ft)	0 - 4 (ft)	4 - 8 (ft)	2 - 3 (ft)	3 - 4 (ft)	5 - 6 (ft)	1 - 2 (ft)	7 - 8 (ft)	4 - 5 (ft)	5 - 6 (ft)
Volatile Organic Compounds (mg/kg)																			
1,1,1-Trichloroethane	500	ND (0.00098)	ND (0.001)	ND (0.0014)	ND (0.001)	ND (0.00086)	ND (0.0011)	ND (0.00097)	ND (0.0011)	ND (0.00097)	ND (0.00093)	ND (0.00099)	ND (0.0011)	ND (0.00094)	ND (0.00094)	ND (0.00089)	ND (0.00075)	ND (0.0009)	ND (0.0009)
1,1,2,2-Tetrachloroethane	NA	ND (0.00098)	ND (0.001)	ND (0.0014)	ND (0.001)	ND (0.00086)	ND (0.0011)	ND (0.00097)	ND (0.0011)	ND (0.00097)	ND (0.00093)	ND (0.00099)	ND (0.0011)	ND (0.00094)	ND (0.00094)	ND (0.00089)	ND (0.00075)	ND (0.0009)	ND (0.0009)
1,1,2-Trichloroethane	NA	ND (0.00098)	ND (0.001)	ND (0.0014)	ND (0.001)	ND (0.00086)	ND (0.0011)	ND (0.00097)	ND (0.0011)	ND (0.00097)	ND (0.00093)	ND (0.00099)	ND (0.0011)	ND (0.00094)	ND (0.00094)	ND (0.00089)	ND (0.00075)	ND (0.0009)	ND (0.0009)
1,1-Dichloroethane	240	ND (0.00098)	ND (0.001)	ND (0.0014)	ND (0.001)	ND (0.00086)	ND (0.0011)	ND (0.00097)	ND (0.0011)	ND (0.00097)	ND (0.00093)	ND (0.00099)	ND (0.0011)	ND (0.00094)	ND (0.00094)	ND (0.00089)	ND (0.00075)	ND (0.0009)	ND (0.0009)
1,1-Dichloroethene	500	ND (0.00098)	ND (0.001)	ND (0.0014)	ND (0.001)	ND (0.00086)	ND (0.0011)	ND (0.00097)	ND (0.0011)	ND (0.00097)	ND (0.00093)	ND (0.00099)	ND (0.0011)	ND (0.00094)	ND (0.00094)	ND (0.00089)	ND (0.00075)	ND (0.0009)	ND (0.0009)
1,2,3-Trichlorobenzene	NA	ND (0.00098)	ND (0.001)	ND (0.0014)	ND (0.001)	ND (0.00086)	ND (0.0011)	ND (0.00097)	ND (0.0011)	ND (0.00097)	ND (0.00093)	ND (0.00099)	ND (0.0011)	ND (0.00094)	ND (0.00094)	ND (0.00089)	ND (0.00075)	ND (0.0009)	ND (0.0009)
1,2,4-Trichlorobenzene	NA	ND (0.00098)	ND (0.001)	ND (0.0014)	ND (0.001)	ND (0.00086)	ND (0.0011)	ND (0.00097)	ND (0.0011)	ND (0.00097)	ND (0.00093)	ND (0.00099)	ND (0.0011)	ND (0.00094)	ND (0.00094)	ND (0.00089)	ND (0.00075)	ND (0.0009)	ND (0.0009)
1,2,4-Trimethylbenzene	190	ND (0.00098)	ND (0.001)	ND (0.0014)	ND (0.001)	ND (0.00086)	ND (0.0011)	ND (0.00097)	ND (0.0011)	ND (0.00097)	ND (0.00093)	ND (0.00099)	ND (0.0011)	ND (0.00094)	ND (0.00094)	ND (0.00089)	ND (0.00075)	ND (0.0009)	ND (0.0009)
1,2-Dibromo-3-chloropropane (DBCP)	NA	ND (0.00098)	ND (0.001)	ND (0.0014)	ND (0.001)	ND (0.00086)	ND (0.0011)	ND (0.00097)	ND (0.0011)	ND (0.00097)	ND (0.00093)	ND (0.00099)	ND (0.0011)	ND (0.00094)	ND (0.00094)	ND (0.00089)	ND (0.00075)	ND (0.0009)	ND (0.0009)
1,2-Dibromoethane (Ethylene Dibromide)	NA	ND (0.00098)	ND (0.001)	ND (0.0014)	ND (0.001)	ND (0.00086)	ND (0.0011)	ND (0.00097)	ND (0.0011)	ND (0.00097)	ND (0.00093)	ND (0.00099)	ND (0.0011)	ND (0.00094)	ND (0.00094)	ND (0.00089)	ND (0.00075)	ND (0.0009)	ND (0.0009)
1,2-Dichlorobenzene	500	ND (0.00098)	ND (0.001)	ND (0.0014)	ND (0.001)	ND (0.00086)	ND (0.0011)	ND (0.00097)	ND (0.0011)	ND (0.00097)	ND (0.00093)	ND (0.00099)	ND (0.0011)	ND (0.00094)	ND (0.00094)	ND (0.00089)	ND (0.00075)	ND (0.0009)	ND (0.0009)
1,2-Dichloroethane	30	ND (0.00098)	ND (0.001)	ND (0.0014)	ND (0.001)	ND (0.00086)	ND (0.0011)	ND (0.00097)	ND (0.0011)	ND (0.00097)	ND (0.00093)	ND (0.00099)	ND (0.0011)	ND (0.00094)	ND (0.00094)	ND (0.00089)	ND (0.00075)	ND (0.0009)	ND (0.0009)
1,2-Dichloropropane	NA	ND (0.00098)	ND (0.001)	ND (0.0014)	ND (0.001)	ND (0.00086)	ND (0.0011)	ND (0.00097)	ND (0.0011)	ND (0.00097)	ND (0.00093)	ND (0.00099)	ND (0.0011)	ND (0.00094)	ND (0.00094)	ND (0.00089)	ND (0.00075)	ND (0.0009)	ND (0.0009)
1,3,5-Trimethylbenzene	190	ND (0.00098)	ND (0.001)	ND (0.0014)	ND (0.001)	ND (0.00086)	ND (0.0011)	ND (0.00097)	ND (0.0011)	ND (0.00097)	ND (0.00093)	ND (0.00099)	ND (0.0011)	ND (0.00094)	ND (0.00094)	ND (0.00089)	ND (0.00075)	ND (0.0009)	ND (0.0009)
1,3-Dichlorobenzene	280	ND (0.00098)	ND (0.001)	ND (0.0014)	ND (0.001)	ND (0.00086)	ND (0.0011)	ND (0.00097)	ND (0.0011)	ND (0.00097)	ND (0.00093)	ND (0.00099)	ND (0.0011)	ND (0.00094)	ND (0.00094)	ND (0.00089)	ND (0.00075)	ND (0.0009)	ND (0.0009)
1,4-Dichlorobenzene	130	ND (0.00098)	ND (0.001)	ND (0.0014)	ND (0.001)	ND (0.00086)	ND (0.0011)	ND (0.00097)	ND (0.0011)	ND (0.00097)	ND (0.00093)	ND (0.00099)	ND (0.0011)	ND (0.00094)	ND (0.00094)	ND (0.00089)	ND (0.00075)	ND (0.0009)	ND (0.0009)
2-Butanone (Methyl Ethyl Ketone)	500	ND (0.0049)	ND (0.0051)	ND (0.007)	ND (0.005)	ND (0.0043)	ND (0.0057)	ND (0.0048)	ND (0.0055)	ND (0.0049)	ND (0.0047)	ND (0.005)	ND (0.0056)	ND (0.0047)	ND (0.0047)	ND (0.0044)	ND (0.0038)	ND (0.0045)	ND (0.0045)
2-Hexanone (Methyl Butyl Ketone)	NA	ND (0.0049)	ND (0.0051)	ND (0.007)	ND (0.005)	ND (0.0043)	ND (0.0057)	ND (0.0048)	ND (0.0055)	ND (0.0049)	ND (0.0047)	ND (0.005)	ND (0.0056)	ND (0.0047)	ND (0.0047)	ND (0.0044)	ND (0.0038)	ND (0.0045)	ND (0.0045)
2-Phenylbutane (sec-Butylbenzene)	500	ND (0.00098)	ND (0.001)	ND (0.0014)	ND (0.001)	ND (0.00086)	ND (0.0011)	ND (0.00097)	ND (0.0011)	ND (0.00097)	ND (0.00093)	ND (0.00099)	ND (0.0011)	ND (0.00094)	ND (0.00094)	ND (0.00089)	ND (0.00075)	ND (0.0009)	ND (0.0009)
4-Methyl-2-Pentanone (Methyl Isobutyl Ketone)	NA	ND (0.0049)	ND (0.0051)	ND (0.007)	ND (0.005)	ND (0.0043)	ND (0.0057)	ND (0.0048)	ND (0.0055)	ND (0.0049)	ND (0.0047)	ND (0.005)	ND (0.0056)	ND (0.0047)	ND (0.0047)	ND (0.0044)	ND (0.0038)	ND (0.0045)	ND (0.0045)
Acetone	500	ND (0.0059)	ND (0.0061)	ND (0.0084)	ND (0.006)	ND (0.0052)	ND (0.0068)	ND (0.0058)	ND (0.0066)	ND (0.0058)	ND (0.0056)	ND (0.0059)	ND (0.0067)	ND (0.0057)	ND (0.0056)	ND (0.0053)	ND (0.0045)	ND (0.0054)	ND (0.0054)
Benzene	44	ND (0.00098)	ND (0.001)	ND (0.0014)	ND (0.001)	ND (0.00086)	ND (0.0011)	ND (0.00097)	ND (0.0011)	ND (0.00097)	ND (0.00093)	ND (0.00099)	ND (0.0011)	ND (0.00094)	ND (0.00094)	ND (0.00089)	ND (0.00075)	ND (0.0009)	ND (0.0009)
Bromodichloromethane	NA	ND (0.00098)	ND (0.001)	ND (0.0014)	ND (0.001)	ND (0.00086)	ND (0.0011)	ND (0.00097)	ND (0.0011)	ND (0.00097)	ND (0.00093)	ND (0.00099)	ND (0.0011)	ND (0.00094)	ND (0.00094)	ND (0.00089)	ND (0.00075)	ND (0.0009)	ND (0.0009)
Bromoform	NA	ND (0.00098)	ND (0.001)	ND (0.0014)	ND (0.001)	ND (0.00086)	ND (0.0011)	ND (0.00097)	ND (0.0011)	ND (0.00097)	ND (0.00093)	ND (0.00099)	ND (0.0011)	ND (0.00094)	ND (0.00094)	ND (0.00089)	ND (0.00075)	ND (0.0009)	ND (0.0009)
Bromomethane (Methyl Bromide)	NA	ND (0.002)	ND (0.002)	ND (0.0028)	ND (0.002)	ND (0.0017)	ND (0.0023)	ND (0.0019)	ND (0.0022)	ND (0.0019)	ND (0.0019)	ND (0.002)	ND (0.0022)	ND (0.0019)	ND (0.0019)	ND (0.0018)	ND (0.0015)	ND (0.0018)	ND (0.0018)
Carbon disulfide	NA	ND (0.00098)	ND (0.001)	ND (0.0014)	ND (0.001)	ND (0.00086)	ND (0.0011)	ND (0.00097)	ND (0.0011)	ND (0.00097)	ND (0.00093)	ND (0.00099)	ND (0.0011)	ND (0.00094)	ND (0.00094)	ND (0.00089)	ND (0.00075)	ND (0.0009)	ND (0.0009)
Carbon tetrachloride	22	ND (0.00098)	ND (0.001)	ND (0.0014)	ND (0.001)	ND (0.00086)	ND (0.0011)	ND (0.00097)	ND (0.0011)	ND (0.00097)	ND (0.00093)	ND (0.00099)	ND (0.0011)	ND (0.00094)	ND (0.00094)	ND (0.00089)	ND (0.00075)	ND (0.0009)	ND (0.0009)
Chlorobenzene	500	ND (0.00098)	ND (0.001)	ND (0.0014)	ND (0.001)	ND (0.00086)	ND (0.0011)	ND (0.00097)	ND (0.0011)	ND (0.00097)	ND (0.00093)	ND (0.00099)	ND (0.0011)	ND (0.00094)	ND (0.00094)	ND (0.00089)	ND (0.00075)	ND (0.0009)	ND (0.0009)
Chlorobromomethane	NA	ND (0.00098)	ND (0.001)	ND (0.0014)	ND (0.001)	ND (0.00086)	ND (0.0011)	ND (0.00097)	ND (0.0011)	ND (0.00097)	ND (0.00093)	ND (0.00099)	ND (0.0011)	ND (0.00094)	ND (0.00094)	ND (0.00089)	ND (0.00075)	ND (0.0009)	ND (0.0009)
Chloroethane	NA	ND (0.00098)	ND (0.001)	ND (0.0014)	ND (0.001)	ND (0.00086)	ND (0.0011)	ND (0.00097)	ND (0.0011)	ND (0.00097)	ND (0.00093)	ND (0.00099)	ND (0.0011)	ND (0.00094)	ND (0.00094)	ND (0.00089)	ND (0.00075)	ND (0.0009)	ND (0.0009)
Chloroform (Trichloromethane)	350	ND (0.00098)	ND (0.001)	ND (0.0014)	ND (0.001)	ND (0.00086)	ND (0.0011)	ND (0.00097)	ND (0.0011)	ND (0.00097)	ND (0.00093)	ND (0.00099)	ND (0.0011)	ND (0.00094)	ND (0.00094)	ND (0.00089)	ND (0.00075)	ND (0.0009)	ND (0.0009)
Chloromethane (Methyl Chloride)	NA	ND (0.00098)	ND (0.001)	ND (0.0014)	ND (0.001)	ND (0.00086)	ND (0.0011)	ND (0.00097)	ND (0.0011)	ND (0.00097)	ND (0.00093)	ND (0.00099)	ND (0.0011)	ND (0.00094)	ND (0.00094)	ND (0.00089)	ND (0.00075)	ND (0.0009)	ND (0.0009)
cis-1,2-Dichloroethene	500	ND (0.00098)	ND (0.001)	ND (0.0014)	ND (0.001)	ND (0.00086)	ND (0.0011)	ND (0.00097)	ND (0.0011)	ND (0.00097)	ND (0.00093)	ND (0.00099)	ND (0.0011)	ND (0.00094)	ND (0.00094)	ND (0.00089)	ND (0.00075)	ND (0.0009)	ND (0.0009)
cis-1,3-Dichloropropene	NA	ND (0.00098)	ND (0.001)	ND (0.0014)	ND (0.001)	ND (0.00086)	ND (0.0011)	ND (0.00097)	ND (0.0011)	ND (0.00097)	ND (0.00093)	ND (0.00099)	ND (0.0011)	ND (0.00094)	ND (0.00094)	ND (0.00089)	ND (0.00075)	ND (0.0009)	ND (0.0009)
Cyclohexane	NA	ND (0.00098)	ND (0.001)	ND (0.0014)	ND (0.001)	ND (0.00086)	ND (0.0011)	ND (0.00097)	ND (0.0011)	ND (0.00097)	ND (0.00093)	ND (0.00099)	ND (0.0011)	ND (0.00094)	ND (0.00094)	ND (0.00089)	ND (0.00075)	ND (0.0009)	ND (0.0009)
Dibromochloromethane	NA	ND (0.00098)	ND (0.001)	ND (0.0014)	ND (0.001)	ND (0.00086)	ND (0.0011)	ND (0.00097)	ND (0.0011)	ND (0.00097)	ND (0.00093)	ND (0.00099)	ND (0.0011)	ND (0.00094)	ND (0.00094)	ND (0.00089)	ND (0.00075)	ND (0.0009)	ND (0.0009)
Dichlorodifluoromethane (CFC-12)	NA	ND (0.00098)	ND (0.001)	ND (0.0014) *	ND (0.001) *	ND (0.00086) *	ND (0.0011) *	ND (0.00097)	ND (0.0011) *	ND (0.00097) *	ND (0.00093)	ND (0.00099)	ND (0.0011) *	ND (0.00094) *	ND (0.00094) *	ND (0.00089) *	ND (0.00075) *	ND (0.0009) *	ND (0.0009) *
Ethylbenzene	390	ND (0.00098)	ND (0.001)	ND (0.0014)	ND (0.001)	ND (0.00086)	ND (0.0011)	ND (0.00097)	ND (0.0011)	ND (0.00097)	ND (0.00093)	ND (0.00099)	ND (0.0011)	ND (0.00094)	ND (0.00094)	ND (0.00089)	ND (0.00075)	ND (0.0009)	ND (0.0009)
Isopropylbenzene (Cumene)	NA	ND (0.00098)	ND (0.001)	ND (0.0014)	ND (0.001)	ND (0.00086)	ND (0.0011)	ND (0.00097)	ND (0.0011)	ND (0.00097)	ND (0.00093)	ND (0.00099)	ND (0.0011)	ND (0.00094)	ND (0.00094)	ND (0.00089)	ND (0.00075)	ND (0.0009)	ND (0.0009)
m,p-Xylenes	NA	ND (0.00098)	ND (0.001)	ND (0.0014)	ND (0.001)	ND (0.00086)	ND (0.0011)	ND (0.00097)	ND (0.0011)	ND (0.00097)	ND (0.00093)	ND (0.00099)	ND (0.0011)	ND (0.00094)	ND (0.00094)	ND (0.00089)	ND (0.00075)	ND (0.0009)	ND (0.0009)
Methyl acetate	NA	ND (0.0049)	ND (0.0051)	ND (0.007)	ND (0.005)	ND (0.0043)	ND (0.0057)	ND (0.0048)	ND (0.0055)	ND (0.0049)	ND (0.0047)	ND (0.005)	ND (0.0056)	ND (0.0047)	ND (0.0047)	ND (0.0044)	ND (0.0038)	ND (0.0045)	ND (0.0045)
Methyl Tert Butyl Ether (MTBE)	500	ND (0.00098)	ND (0.001)	ND (0.0014)	ND (0.001)	ND (0.00086)	ND (0.0011)	ND (0.00097)	ND (0.0011)	ND (0.00097)	ND (0.00093)	ND (0.00099)	ND (0.0011)	ND (0.00094)	ND (0.00094)	ND (0.00089)	ND (0.00075)	ND (0.0009)	ND (0.0009)
Methylcyclohexane	NA	ND (0.00098)	ND (0.001)	ND (0.0014)	ND (0.001)	ND (0.00086)	ND (0.0011)	ND (0.00097)	ND (0.0011)	ND (0.00097)	ND (0.00093)	ND (0.00099)	ND (0.0011)	ND (0.00094)	ND (0.00094)	ND (0.00089)	ND (0.00075)	ND (0.0009)	ND (0.0009)
Methylene chloride (Dichloromethane)	500	0.0013 J	0.0014 J	0.0025 J	0.0014 J	0.0015 J	0.0016 J	0.002	0.0018 J	0.0019	ND (0.0019)	ND (0.002)	0.0016 J	0.0017 J	0.002	0.0016 J	0.001 J	0.0013 J	ND (0.0018)
n-Butylbenzene	500	ND (0.00098)	ND (0.001)	ND (0.0014)	ND (0.001)	ND (0.00086)	ND (0.0011)	ND (0.00097)	ND (0.0011)	ND (0.00097)	ND (0.00093)	ND (0.00099)	ND (0.0011)	ND (0.00094)	ND (0.00094)	ND (0.00089)	ND (0.00075)	ND (0.0009)	ND (0.0009)
n-Propylbenzene	500	ND (0.00098)	ND (0.001)	ND (0.0014)	ND (0.001)	ND (0.00086)	ND (0.0011)	ND (0.00097)	ND (0.0011)	ND (0.00097)	ND (0.00093)	ND (0.00099)	ND (0.0011)	ND (0.00094)	ND (0.00094)	ND (0.00089)	ND (0.00075)	ND (0.0009)	ND (0.0009)
o-Xylene	NA	ND (0.00098)	ND (0.001)	ND (0.0014)	ND (0.001)	ND (0.00086)	ND (0.0011)	ND (0.00097)	ND (0.0011)	ND (0.00097)	ND (0.00093)	ND (0.00099)	ND (0.0011)	ND (0.00094)	ND (0.00094)	ND (0.00089)	ND (0.00075)	ND (0.0009)	ND (0.0009)
Styrene	NA	ND (0.00098)	ND (0.001)	ND (0.0014)	ND (0.001)	ND (0.00086)	ND (0.0011)	ND (0.00097)	ND (0.0011)	ND (0.00097)	ND (0.00093)	ND (0.00099)	ND (0.0011)	ND (0.00094)	ND (0.00094)	ND (0.00089)	ND (0.00075)	ND (0.0009)	ND (0.0009)
tert-Butylbenzene	500	ND (0.00098)	ND (0.001)	ND (0.0014)	ND (0.001)	ND (0.00086)	ND (0.0011)	ND (0.00097)	ND (0.0011)	ND (0.00097)	ND (0.00093)	ND (0.00099)	ND (0.0011)	ND (0.00094)	ND (0.00094)	ND (0.00089)	ND (0.00075)	ND (0.0009)	ND (0.0009)
Tetrachloroethene	150	ND (0.00098)	ND (0.001)	ND (0.0014)	ND (0.001)	ND (0.00086)	ND (0.0011)	ND (0.00097)	ND (0.0011)	ND (0.00097)	ND (0.00093)	ND (0.00099)	ND (0.0011)	ND (0.00094)	ND (0.00094)	ND (0.00089)	ND (0.00075)	ND (0.0009)	ND (0.0009)
Toluene	500	ND (0.00098)	ND (0.001)	0.001 J	0.00072 J	0.00045 J	0.0007 J	0.00045 J	0.00061 J	0.0006 J	ND (0.00093)	ND (0.00099)	0.00056 J	0.00072 J	0.00054 J	0.00051 J	0.00035 J	0.00071 J	0.00039 J
trans-1,2-Dichloroethene	500	ND (0.00098)	ND (0.001)	ND (0.0014)	ND (0.001)	ND (0.00086)	ND (0.0011)	ND (0.00097)	ND (0.0011)	ND (0.00097)	ND (0.00093)	ND (0.00099)	ND (0.0011)	ND (0.00094)	ND (0.00094)	ND (0.00089)	ND (0.00075)	ND (0.0009)	ND (0.0009)
trans-1,3-Dichloropropene	NA	ND (0.00098)	ND (0.001)	ND (0.0014)	ND (0.001)	ND (0.00086)	ND (0.0011)	ND (0.00097)	ND (0.0011)	ND (0.00097)	ND (0.00093)	ND (0.00099)	ND (0.0011)	ND (0.00094)	ND (0.00094)	ND (0.00089)	ND (0.00075)	ND (0.0009)	ND (0.0009)
Trichloroethene	200	ND (0.00098)	ND (0.001)	ND (0.0014)	ND (0.001)	ND (0.00086)	ND (0.0011)	ND (0.00097)	ND (0.0011)	ND (0.00097)	ND (0.00093)	ND (0.00099)	ND (0.0011)	ND (0.00094)	ND (0.00094)	ND (0.00089)	ND (0.00075)	ND (0.0009)	ND (0.0009)
Trichlorofluoromethane (CFC-11)	NA	ND (0.00098)	ND (0.001)	ND (0.0014)	ND (0.001)	ND (0.00086)	ND (0.0011)	ND (0.00097)	ND (0.0011)	ND (0.00097)	ND (0.00093)	ND (0.00099)	ND (0.0011)	ND (0.00094)	ND (0.00094)	ND (0.00089)	ND (0.00075)	ND (0.0009)	ND (0.0009)
Trifluorotrichloroethane (Freon 113)	NA	ND (0.00098)	ND (0.001)	ND (0.0014)	ND (0.001)	ND (0.00086)	ND (0.0011)	ND (0.00097)	ND (0.0011)	ND (0.00097)	ND (0.00093)	ND (0.00099)	ND (0.0011)	ND (0.00094)	ND (0.00094)	ND (0.00089)	ND (0.00075)	ND (0.0009)	ND (0.0009)
Vinyl chloride	13	ND (0.00098)	ND (0.001)	ND (0.0014)	ND (0.001)	ND (0.00086)	ND (0.0011)	ND (0.00097)	ND (0.0011)	ND (0.00097)	ND (0.00093)	ND (0.00099)	ND (0.0011)	ND (0.00094)	ND (0.00094)	ND (0.00089)	ND (0.00075)	ND (0.0009)	ND (0.0009)
Xylene (Total)	500	ND (0.002)	ND (0.002)	ND (0.0028)	ND (0.002)	ND (0.0017)	ND (0.0023)	ND (0.0019)	ND (0.0022)	ND (0.0019)	ND (0.0019)	ND (0.002)	ND (0.0022)	ND (0.0019)	ND (0.0019)	ND (0.0018)	ND (0.0015)	ND (0.0018)	ND (0.0018)

TABLE 17
SUMMARY OF SOIL QUALITY DATA - BERM 52
FORMER PORT MOBIL TERMINAL
STATEN ISLAND, NEW YORK
FILE NO. 0208998

Location Name	Criteria	52C	52C	52C	52C1	52C1	52C2	52C2	52C3	52C3	52D	52D	52D1	52D1	52D1	52D2	52D2	52D3	52D3
Sample Name	NY Part 375	52C_0-4	52C_4-8	52C_7-8	52C1_2-3	52C1_6-7	52C2_1-2	52C2_5-6	52C3_2-3	52C3_4-5	52D_0-4	52D_4-8	52D1_2-3	52D1_3-4	52D1_5-6	52D2_1-2	52D2_7-8	52D3_4-5	52D3_5-6
Sample Date	Commercial	10/10/2025	10/10/2025	10/10/2025	10/10/2025	10/10/2025	10/10/2025	10/10/2025	10/10/2025	10/10/2025	10/10/2025	10/10/2025	10/10/2025	10/10/2025	10/10/2025	10/10/2025	10/10/2025	10/10/2025	10/10/2025
Lab Sample ID	Use	460-337049-5	460-337049-6	460-337049-48	460-337049-43	460-337049-46	460-337049-44	460-337049-47	460-337049-49	460-337049-45	460-337049-7	460-337049-8	460-337049-56	460-337049-50	460-337049-53	460-337049-51	460-337049-54	460-337049-52	460-337049-55
Sample Depth (bgs)	Soil Cleanup Objectives	0 - 4 (ft)	4 - 8 (ft)	7 - 8 (ft)	2 - 3 (ft)	6 - 7 (ft)	1 - 2 (ft)	5 - 6 (ft)	2 - 3 (ft)	4 - 5 (ft)	0 - 4 (ft)	4 - 8 (ft)	2 - 3 (ft)	3 - 4 (ft)	5 - 6 (ft)	1 - 2 (ft)	7 - 8 (ft)	4 - 5 (ft)	5 - 6 (ft)
Semi-Volatile Organic Compounds (mg/kg)																			
1,2,4,5-Tetrachlorobenzene	NA	ND (0.34)	ND (0.35)	-	-	-	-	-	-	-	ND (0.35)	ND (0.36)	-	-	-	-	-	-	-
1,4-Dioxane	130	ND (0.034)	ND (0.035)	-	-	-	-	-	-	-	ND (0.035)	ND (0.036)	-	-	-	-	-	-	-
2,2'-oxybis(1-Chloropropane)	NA	ND (0.34)	ND (0.35)	-	-	-	-	-	-	-	ND (0.35)	ND (0.36)	-	-	-	-	-	-	-
2,3,4,6-Tetrachlorophenol	NA	ND (0.34)	ND (0.35)	-	-	-	-	-	-	-	ND (0.35)	ND (0.36)	-	-	-	-	-	-	-
2,4,5-Trichlorophenol	NA	ND (0.34)	ND (0.35)	-	-	-	-	-	-	-	ND (0.35)	ND (0.36)	-	-	-	-	-	-	-
2,4,6-Trichlorophenol	NA	ND (0.14)	ND (0.14)	-	-	-	-	-	-	-	ND (0.14)	ND (0.14)	-	-	-	-	-	-	-
2,4-Dichlorophenol	NA	ND (0.14)	ND (0.14)	-	-	-	-	-	-	-	ND (0.14)	ND (0.14)	-	-	-	-	-	-	-
2,4-Dimethylphenol	NA	ND (0.34)	ND (0.35)	-	-	-	-	-	-	-	ND (0.35)	ND (0.36)	-	-	-	-	-	-	-
2,4-Dinitrophenol	NA	ND (0.27) *	ND (0.28) *	-	-	-	-	-	-	-	ND (0.28) *	ND (0.29) *	-	-	-	-	-	-	-
2,4-Dinitrotoluene	NA	ND (0.069)	ND (0.071)	-	-	-	-	-	-	-	ND (0.071)	ND (0.072)	-	-	-	-	-	-	-
2,6-Dinitrotoluene	NA	ND (0.069)	ND (0.071)	-	-	-	-	-	-	-	ND (0.071)	ND (0.072)	-	-	-	-	-	-	-
2-Chloronaphthalene	NA	ND (0.34)	ND (0.35)	-	-	-	-	-	-	-	ND (0.35)	ND (0.36)	-	-	-	-	-	-	-
2-Chlorophenol	NA	ND (0.34)	ND (0.35)	-	-	-	-	-	-	-	ND (0.35)	ND (0.36)	-	-	-	-	-	-	-
2-Methylnaphthalene	NA	ND (0.34)	0.014 J	-	-	-	-	-	-	-	0.02 J	0.014 J	-	-	-	-	-	-	-
2-Methylphenol (o-Cresol)	500	ND (0.34)	ND (0.35)	-	-	-	-	-	-	-	ND (0.35)	ND (0.36)	-	-	-	-	-	-	-
2-Nitroaniline	NA	ND (0.34)	ND (0.35)	-	-	-	-	-	-	-	ND (0.35)	ND (0.36)	-	-	-	-	-	-	-
2-Nitrophenol	NA	ND (0.34)	ND (0.35)	-	-	-	-	-	-	-	ND (0.35)	ND (0.36)	-	-	-	-	-	-	-
3&4-Methylphenol	NA	ND (0.34)	ND (0.35)	-	-	-	-	-	-	-	ND (0.35)	ND (0.36)	-	-	-	-	-	-	-
3,3'-Dichlorobenzidine	NA	ND (0.14)	ND (0.14)	-	-	-	-	-	-	-	ND (0.14)	ND (0.14)	-	-	-	-	-	-	-
3-Nitroaniline	NA	ND (0.34)	ND (0.35)	-	-	-	-	-	-	-	ND (0.35)	ND (0.36)	-	-	-	-	-	-	-
4,6-Dinitro-2-methylphenol	NA	ND (0.27) *	ND (0.28) *	-	-	-	-	-	-	-	ND (0.28) *	ND (0.29) *	-	-	-	-	-	-	-
4-Bromophenyl phenyl ether (BDE-3)	NA	ND (0.34)	ND (0.35)	-	-	-	-	-	-	-	ND (0.35)	ND (0.36)	-	-	-	-	-	-	-
4-Chloro-3-methylphenol	NA	ND (0.34)	ND (0.35)	-	-	-	-	-	-	-	ND (0.35)	ND (0.36)	-	-	-	-	-	-	-
4-Chloroaniline	NA	ND (0.34)	ND (0.35)	-	-	-	-	-	-	-	ND (0.35)	ND (0.36)	-	-	-	-	-	-	-
4-Chlorophenyl phenyl ether	NA	ND (0.34)	ND (0.35)	-	-	-	-	-	-	-	ND (0.35)	ND (0.36)	-	-	-	-	-	-	-
4-Methylphenol	500	ND (0.34)	ND (0.35)	-	-	-	-	-	-	-	ND (0.35)	ND (0.36)	-	-	-	-	-	-	-
4-Nitroaniline	NA	ND (0.34)	ND (0.35)	-	-	-	-	-	-	-	ND (0.35)	ND (0.36)	-	-	-	-	-	-	-
4-Nitrophenol	NA	ND (0.69)	ND (0.71)	-	-	-	-	-	-	-	ND (0.71)	ND (0.72)	-	-	-	-	-	-	-
Acenaphthene	500	ND (0.34)	ND (0.35)	-	-	-	-	-	-	-	ND (0.35)	ND (0.36)	-	-	-	-	-	-	-
Acenaphthylene	500	0.011 J	ND (0.35)	-	-	-	-	-	-	-	0.044 J	ND (0.36)	-	-	-	-	-	-	-
Acetophenone	NA	ND (0.34)	0.028 J	-	-	-	-	-	-	-	ND (0.35)	ND (0.36)	-	-	-	-	-	-	-
Anthracene	500	0.02 J	0.013 J	-	-	-	-	-	-	-	0.045 J	ND (0.36)	-	-	-	-	-	-	-
Atrazine	NA	ND (0.14)	ND (0.14)	-	-	-	-	-	-	-	ND (0.14)	ND (0.14)	-	-	-	-	-	-	-
Benzaldehyde	NA	ND (0.34)	ND (0.35)	-	-	-	-	-	-	-	ND (0.35)	ND (0.36)	-	-	-	-	-	-	-
Benzo(a)anthracene	5.6	0.05	0.033 J	-	-	-	-	-	-	-	0.036	ND (0.036)	-	-	-	-	-	-	-
Benzo(a)pyrene	1	0.045	0.027 J	-	-	-	-	-	-	-	0.046	0.014 J	-	-	-	-	-	-	-
Benzo(b)fluoranthene	5.6	0.067	0.039	-	-	-	-	-	-	-	0.063	0.023 J	-	-	-	-	-	-	-
Benzo(g,h,i)perylene	500	0.04 J	0.026 J	-	-	-	-	-	-	-	0.056 J	0.017 J	-	-	-	-	-	-	-
Benzo(k)fluoranthene	56	0.022 J	0.016 J	-	-	-	-	-	-	-	0.017 J	ND (0.036)	-	-	-	-	-	-	-
Biphenyl	NA	ND (0.34)	ND (0.35)	-	-	-	-	-	-	-	ND (0.35)	ND (0.36)	-	-	-	-	-	-	-
bis(2-Chloroethoxy)methane	NA	ND (0.34)	ND (0.35)	-	-	-	-	-	-	-	ND (0.35)	ND (0.36)	-	-	-	-	-	-	-
bis(2-Chloroethyl)ether	NA	ND (0.034)	ND (0.035)	-	-	-	-	-	-	-	ND (0.035)	ND (0.036)	-	-	-	-	-	-	-
bis(2-Ethylhexyl)phthalate	NA	ND (0.34)	ND (0.35)	-	-	-	-	-	-	-	ND (0.35)	ND (0.36)	-	-	-	-	-	-	-
Butyl benzylphthalate (BBP)	NA	ND (0.34)	ND (0.35)	-	-	-	-	-	-	-	ND (0.35)	ND (0.36)	-	-	-	-	-	-	-
Caprolactam	NA	ND (0.34)	ND (0.35)	-	-	-	-	-	-	-	ND (0.35)	ND (0.36)	-	-	-	-	-	-	-
Carbazole	NA	ND (0.34)	ND (0.35)	-	-	-	-	-	-	-	ND (0.35)	ND (0.36)	-	-	-	-	-	-	-
Chrysene	56	0.055 J	0.028 J	-	-	-	-	-	-	-	0.043 J	0.018 J	-	-	-	-	-	-	-
Dibenz(a,h)anthracene	0.56	ND (0.034)	ND (0.035)	-	-	-	-	-	-	-	ND (0.035)	ND (0.036)	-	-	-	-	-	-	-
Dibenzofuran	350	ND (0.34)	ND (0.35)	-	-	-	-	-	-	-	ND (0.35)	ND (0.36)	-	-	-	-	-	-	-
Diethyl phthalate	NA	ND (0.34)	ND (0.35)	-	-	-	-	-	-	-	ND (0.35)	ND (0.36)	-	-	-	-	-	-	-
Dimethyl phthalate	NA	ND (0.34)	ND (0.35)	-	-	-	-	-	-	-	ND (0.35)	ND (0.36)	-	-	-	-	-	-	-
Di-n-butylphthalate (DBP)	NA	0.014 J	ND (0.35)	-	-	-	-	-	-	-	0.017 J	0.018 J	-	-	-	-	-	-	-
Di-n-octyl phthalate (DnOP)	NA	ND (0.34)	ND (0.35)	-	-	-	-	-	-	-	ND (0.35)	ND (0.36)	-	-	-	-	-	-	-
Fluoranthene	500	0.11 J	0.049 J	-	-	-	-	-	-	-	0.053 J	0.018 J	-	-	-	-	-	-	-
Fluorene	500	ND (0.34)	ND (0.35)	-	-	-	-	-	-	-	ND (0.35)	ND (0.36)	-	-	-	-	-	-	-
Hexachlorobenzene	6	ND (0.034)	ND (0.035)	-	-	-	-	-	-	-	ND (0.035)	ND (0.036)	-	-	-	-	-	-	-
Hexachlorobutadiene	NA	ND (0.069)	ND (0.071)	-	-	-	-	-	-	-	ND (0.071)	ND (0.072)	-	-	-	-	-	-	-
Hexachlorocyclopentadiene	NA	ND (0.34)	ND (0.35)	-	-	-	-	-	-	-	ND (0.35)	ND (0.36)	-	-	-	-	-	-	-
Hexachloroethane	NA	ND (0.034)	ND (0.035)	-	-	-	-	-	-	-	ND (0.035)	ND (0.036)	-	-	-	-	-	-	-
Indeno(1,2,3-cd)pyrene	5.6	0.034	0.024 J	-	-	-	-	-	-	-	0.046	0.015 J	-	-	-	-	-	-	-
Isophorone	NA	ND (0.14)	ND (0.14)	-	-	-	-	-	-	-	ND (0.14)	ND (0.14)	-	-	-	-	-	-	-
Naphthalene	500	0.0066 J	0.0084 J	-	-	-	-	-	-	-	0.02 J	0.011 J	-	-	-	-	-	-	-
Nitrobenzene	NA	ND (0.034)	ND (0.035)	-	-	-	-	-	-	-	ND (0.035)	ND (0.036)	-	-	-	-	-	-	-
N-Nitrosodi-n-propylamine	NA	ND (0.034)	ND (0.035)	-	-	-	-	-	-	-	ND (0.035)	ND (0.036)	-	-	-	-	-	-	-
N-Nitrosodiphenylamine	NA	ND (0.34)	ND (0.35)	-	-	-	-	-	-	-	ND (0.35)	ND (0.36)	-	-	-	-	-	-	-
Pentachlorophenol	6.7	ND (0.27)	ND (0.28)	-	-	-	-	-	-	-	ND (0.28)	ND (0.29)	-	-	-	-	-	-	-
Phenanthrene	500	0.047 J	0.027 J	-	-	-	-	-	-	-	0.035 J	0.015 J	-	-	-	-	-	-	-
Phenol	500	ND (0.34)	ND (0.35)	-	-	-	-	-	-	-	ND (0.35)	ND (0.36)	-	-	-	-	-	-	-
Pyrene	500	0.093 J	0.043 J	-	-	-	-	-	-	-	0.062 J	0.02 J	-	-	-	-	-	-	-

TABLE 17
SUMMARY OF SOIL QUALITY DATA - BERM 52
FORMER PORT MOBIL TERMINAL
STATEN ISLAND, NEW YORK
FILE NO. 0208998

	Criteria																		
Location Name	NY Part 375	52C	52C	52C	52C1	52C1	52C2	52C2	52C3	52C3	52D	52D	52D1	52D1	52D1	52D2	52D2	52D3	52D3
Sample Name	Commercial	52C_0-4	52C_4-8	52C_7-8	52C1_2-3	52C1_6-7	52C2_1-2	52C2_5-6	52C3_2-3	52C3_4-5	52D_0-4	52D_4-8	52D1_2-3	52D1_3-4	52D1_5-6	52D2_1-2	52D2_7-8	52D3_4-5	52D3_5-6
Sample Date	Use	10/10/2025	10/10/2025	10/10/2025	10/10/2025	10/10/2025	10/10/2025	10/10/2025	10/10/2025	10/10/2025	10/10/2025	10/10/2025	10/10/2025	10/10/2025	10/10/2025	10/10/2025	10/10/2025	10/10/2025	10/10/2025
Lab Sample ID	Soil Cleanup	460-337049-5	460-337049-6	460-337049-48	460-337049-43	460-337049-46	460-337049-44	460-337049-47	460-337049-49	460-337049-45	460-337049-7	460-337049-8	460-337049-56	460-337049-50	460-337049-53	460-337049-51	460-337049-54	460-337049-52	460-337049-55
Sample Depth (bgs)	Objectives	0 - 4 (ft)	4 - 8 (ft)	7 - 8 (ft)	2 - 3 (ft)	6 - 7 (ft)	1 - 2 (ft)	5 - 6 (ft)	2 - 3 (ft)	4 - 5 (ft)	0 - 4 (ft)	4 - 8 (ft)	2 - 3 (ft)	3 - 4 (ft)	5 - 6 (ft)	1 - 2 (ft)	7 - 8 (ft)	4 - 5 (ft)	5 - 6 (ft)
PFAS (mg/kg)																			
11-Chloroeicosafluoro-3-Oxaundecane-1-Sulfonic Acid (11Cl-PF3OUdS)	NA	ND (0.0002)	ND (0.0002)	-	-	-	-	-	-	-	ND (0.00019)	ND (0.00019)	-	-	-	-	-	-	-
2H,2H,3H,3H-Perfluorooctanoic acid (5:3 FTCA)	NA	ND (0.00099)	ND (0.001)	-	-	-	-	-	-	-	ND (0.00097)	ND (0.00096)	-	-	-	-	-	-	-
3-(Perfluoroheptyl)propanoic acid (7:3 FTCA)	NA	ND (0.00099)	ND (0.001)	-	-	-	-	-	-	-	ND (0.00097)	ND (0.00096)	-	-	-	-	-	-	-
3:3 Fluorotelomer carboxylic acid (3:3 FTCA)	NA	ND (0.0004)	ND (0.0004)	-	-	-	-	-	-	-	ND (0.00039)	ND (0.00038)	-	-	-	-	-	-	-
4,8-Dioxa-3H-Perfluorononanoic Acid (ADONA)	NA	ND (0.0002)	ND (0.0002)	-	-	-	-	-	-	-	ND (0.00019)	ND (0.00019)	-	-	-	-	-	-	-
4:2 Fluorotelomer sulfonic acid (4:2 FTS)	NA	ND (0.0004)	ND (0.0004)	-	-	-	-	-	-	-	ND (0.00039)	ND (0.00038)	-	-	-	-	-	-	-
6:2 Fluorotelomer sulfonic acid (6:2 FTS)	NA	ND (0.0004)	ND (0.0004)	-	-	-	-	-	-	-	ND (0.00039)	ND (0.00038)	-	-	-	-	-	-	-
8:2 Fluorotelomer sulfonic acid (8:2 FTS)	NA	ND (0.0004)	ND (0.0004)	-	-	-	-	-	-	-	ND (0.00039)	ND (0.00038)	-	-	-	-	-	-	-
9-Chlorohexadecafluoro-3-Oxanone-1-Sulfonic Acid (9Cl-PF3ONS)	NA	ND (0.0002)	ND (0.0002)	-	-	-	-	-	-	-	ND (0.00019)	ND (0.00019)	-	-	-	-	-	-	-
N-Ethyl Perfluorooctanesulfonamidoacetic Acid (NEtFOSAA)	NA	ND (0.0002)	ND (0.0002)	-	-	-	-	-	-	-	ND (0.00019)	ND (0.00019)	-	-	-	-	-	-	-
N-Ethylperfluorooctane sulfonamide (N-EtFOSA)	NA	ND (0.0002)	ND (0.0002)	-	-	-	-	-	-	-	ND (0.00019)	ND (0.00019)	-	-	-	-	-	-	-
N-Ethylperfluorooctane sulfonamidoethanol (N-EtFOSE)	NA	ND (0.00099)	ND (0.001)	-	-	-	-	-	-	-	ND (0.00097)	ND (0.00096)	-	-	-	-	-	-	-
N-Methyl Perfluorooctanesulfonamidoacetic Acid (NMeFOSAA)	NA	ND (0.0002)	ND (0.0002)	-	-	-	-	-	-	-	ND (0.00019)	ND (0.00019)	-	-	-	-	-	-	-
N-Methylperfluorooctane sulfonamide (N-MeFOSA)	NA	ND (0.0002)	ND (0.0002)	-	-	-	-	-	-	-	ND (0.00019)	ND (0.00019)	-	-	-	-	-	-	-
N-Methylperfluorooctane sulfonamidoethanol (N-MeFOSE)	NA	ND (0.00099)	ND (0.001)	-	-	-	-	-	-	-	ND (0.00097)	ND (0.00096)	-	-	-	-	-	-	-
Nonafluoro-3,6-dioxaheptanoic acid (NFDHA)	NA	ND (0.0002)	ND (0.0002)	-	-	-	-	-	-	-	ND (0.00019)	ND (0.00019)	-	-	-	-	-	-	-
Perfluoro(2-ethoxyethane) sulphonic acid (PFEESA)	NA	ND (0.0002)	ND (0.0002)	-	-	-	-	-	-	-	ND (0.00019)	ND (0.00019)	-	-	-	-	-	-	-
Perfluoro(4-methoxybutanoic) acid (PFMBA)	NA	ND (0.0002)	ND (0.0002)	-	-	-	-	-	-	-	ND (0.00019)	ND (0.00019)	-	-	-	-	-	-	-
Perfluoro-2-propoxypropanoic acid (PFPrOPrA)(GenX) (HFPO-DA)	NA	ND (0.0002)	ND (0.0002)	-	-	-	-	-	-	-	ND (0.00019)	ND (0.00019)	-	-	-	-	-	-	-
Perfluoro-3-methoxypropanoic acid (PFMPA)	NA	ND (0.0002)	ND (0.0002)	-	-	-	-	-	-	-	ND (0.00019)	ND (0.00019)	-	-	-	-	-	-	-
Perfluorobutanesulfonic acid (PFBS)	NA	ND (0.0002)	ND (0.0002)	-	-	-	-	-	-	-	ND (0.00019)	ND (0.00019)	-	-	-	-	-	-	-
Perfluorobutanoic acid (PFBA)	NA	ND (0.0004)	ND (0.0004)	-	-	-	-	-	-	-	ND (0.00039)	ND (0.00038)	-	-	-	-	-	-	-
Perfluorodecanesulfonic acid (PFDS)	NA	ND (0.0002)	ND (0.0002)	-	-	-	-	-	-	-	ND (0.00019)	ND (0.00019)	-	-	-	-	-	-	-
Perfluorodecanoic acid (PFDA)	NA	0.00013 J	0.0001 J	-	-	-	-	-	-	-	ND (0.00012)	0.00016 J	-	-	-	-	-	-	-
Perfluorododecane sulfonic acid (PFDoDS)	NA	ND (0.0002)	ND (0.0002)	-	-	-	-	-	-	-	ND (0.00019)	ND (0.00019)	-	-	-	-	-	-	-
Perfluorododecanoic acid (PFDoDA)	NA	ND (0.00012)	ND (0.0002)	-	-	-	-	-	-	-	0.00015 J	0.00015 J	-	-	-	-	-	-	-
Perfluoroheptanesulfonic acid (PFHpS)	NA	ND (0.0002)	ND (0.0002)	-	-	-	-	-	-	-	ND (0.00019)	ND (0.00019)	-	-	-	-	-	-	-
Perfluoroheptanoic acid (PFHpA)	NA	ND (0.0002)	ND (0.0002)	-	-	-	-	-	-	-	ND (0.00019)	ND (0.00019)	-	-	-	-	-	-	-
Perfluorohexanesulfonic acid (PFHxS)	NA	ND (0.0002)	ND (0.0002)	-	-	-	-	-	-	-	ND (0.00019)	ND (0.00019)	-	-	-	-	-	-	-
Perfluorohexanoic acid (PFHxA)	NA	ND (0.0002)	ND (0.0002)	-	-	-	-	-	-	-	ND (0.00019)	ND (0.00019)	-	-	-	-	-	-	-
Perfluorononane sulfonic acid (PFNS)	NA	ND (0.0002)	ND (0.0002)	-	-	-	-	-	-	-	ND (0.00019)	ND (0.00019)	-	-	-	-	-	-	-
Perfluorononanoic acid (PFNA)	NA	0.00026	ND (0.00015)	-	-	-	-	-	-	-	0.00011 J	0.00019	-	-	-	-	-	-	-
Perfluorooctane sulfonamide (PFOSA)	NA	ND (0.0002)	ND (0.0002)	-	-	-	-	-	-	-	ND (0.00019)	ND (0.00019)	-	-	-	-	-	-	-
Perfluorooctanesulfonic acid (PFOS)	0.44	ND (0.0002)	ND (0.0002)	-	-	-	-	-	-	-	ND (0.00019)	ND (0.00019)	-	-	-	-	-	-	-
Perfluorooctanoic acid (PFOA)	0.5	0.00011 J	0.000068 J	-	-	-	-	-	-	-	ND (0.00012)	0.000082 J	-	-	-	-	-	-	-
Perfluoropentanesulfonic acid (PFPeS)	NA	ND (0.0002)	ND (0.0002)	-	-	-	-	-	-	-	ND (0.00019)	ND (0.00019)	-	-	-	-	-	-	-
Perfluoropentanoic acid (PFPeA)	NA	ND (0.0002)	ND (0.0002)	-	-	-	-	-	-	-	ND (0.00019)	ND (0.00019)	-	-	-	-	-	-	-
Perfluorotetradecanoic acid (PFTeDA)	NA	ND (0.0002)	ND (0.0002)	-	-	-	-	-	-	-	ND (0.00019)	ND (0.00019)	-	-	-	-	-	-	-
Perfluorotridecanoic acid (PFTrDA)	NA	ND (0.0002)	ND (0.0002)	-	-	-	-	-	-	-	ND (0.00019)	ND (0.00019)	-	-	-	-	-	-	-
Perfluoroundecanoic acid (PFUnDA)	NA	0.00056	0.00039	-	-	-	-	-	-	-	0.0008	0.00103	-	-	-	-	-	-	-
Pesticides (mg/kg)																			
4,4'-DDD	92	ND (0.0069)	ND (0.0071)	-	-	-	-	-	-	-	ND (0.007)	ND (0.0073)	-	-	-	-	-	-	-
4,4'-DDE	62	ND (0.0069)	ND (0.0071)	-	-	-	-	-	-	-	ND (0.007)	ND (0.0073)	-	-	-	-	-	-	-
4,4'-DDT	47	ND (0.0069)	ND (0.0071)	-	-	-	-	-	-	-	0.0025 J	ND (0.0073)	-	-	-	-	-	-	-
Aldrin	0.68	ND (0.0069)	ND (0.0071)	-	-	-	-	-	-	-	ND (0.007)	ND (0.0073)	-	-	-	-	-	-	-
alpha-BHC	3.4	ND (0.0021)	ND (0.0021)	-	-	-	-	-	-	-	ND (0.0021)	ND (0.0022)	-	-	-	-	-	-	-
alpha-Chlordane (cis)	24	ND (0.0069)	ND (0.0071)	-	-	-	-	-	-	-	ND (0.007)	ND (0.0073)	-	-	-	-	-	-	-
beta-BHC	3	ND (0.0021)	ND (0.0021)	-	-	-	-	-	-	-	ND (0.0021)	ND (0.0022)	-	-	-	-	-	-	-
Chlordane	NA	ND (0.069)	ND (0.071)	-	-	-	-	-	-	-	ND (0.07)	ND (0.073)	-	-	-	-	-	-	-
delta-BHC	500	ND (0.0021)	ND (0.0021)	-	-	-	-	-	-	-	ND (0.0021)	ND (0.0022)	-	-	-	-	-	-	-
Dieldrin	1.4	ND (0.0021)	ND (0.0021)	-	-	-	-	-	-	-	ND (0.0021)	ND (0.0022)	-	-	-	-	-	-	-
Endosulfan I	200	ND (0.0069)	ND (0.0071)	-	-	-	-	-	-	-	ND (0.007)	ND (0.0073)	-	-	-	-	-	-	-
Endosulfan II	200	ND (0.0069)	ND (0.0071)	-	-	-	-	-	-	-	ND (0.007)	ND (0.0073)	-	-	-	-	-	-	-
Endosulfan sulfate	200	ND (0.0069)	ND (0.0071)	-	-	-	-	-	-	-	ND (0.007)	ND (0.0073)	-	-	-	-	-	-	-
Endrin	89	ND (0.0069)	ND (0.0071)	-	-	-	-	-	-	-	ND (0.007)	ND (0.0073)	-	-	-	-	-	-	-
Endrin aldehyde	NA	ND (0.0069)	ND (0.0071)	-	-	-	-	-	-	-	ND (0.007)	ND (0.0073)	-	-	-	-	-	-	-
Endrin ketone	NA	ND (0.0069)	ND (0.0071)	-	-	-	-	-	-	-	ND (0.007)	ND (0.0073)	-	-	-	-	-	-	-
gamma-BHC (Lindane)	9.2	ND (0.0021)	ND (0.0021)	-	-	-	-	-	-	-	ND (0.0021)	ND (0.0022)	-	-	-	-	-	-	-
Heptachlor	15	ND (0.0069)	ND (0.0071)	-	-	-	-	-	-	-	ND (0.007)	ND (0.0073)	-	-	-	-	-	-	-
Heptachlor epoxide	NA	ND (0.0069)	0.21	-	-	-	-	-	-	-	ND (0.007)	ND (0.0073)	-	-	-	-	-	-	-
Methoxychlor	NA	ND (0.0069)	ND (0.0071)	-	-	-	-	-	-	-	ND (0.007)	ND (0.0073)	-	-	-	-	-	-	-
Toxaphene	NA	ND (0.069)	ND (0.071)	-	-	-	-	-	-	-	ND (0.07)	ND (0.073)	-	-	-	-	-	-	-

TABLE 17
SUMMARY OF SOIL QUALITY DATA - BERM 52
FORMER PORT MOBIL TERMINAL
STATEN ISLAND, NEW YORK
FILE NO. 0208998

Location Name	Criteria	52C	52C	52C	52C1	52C1	52C2	52C2	52C3	52C3	52D	52D	52D1	52D1	52D1	52D2	52D2	52D3	52D3
Sample Name	NY Part 375	52C_0-4	52C_4-8	52C_7-8	52C1_2-3	52C1_6-7	52C2_1-2	52C2_5-6	52C3_2-3	52C3_4-5	52D_0-4	52D_4-8	52D1_2-3	52D1_3-4	52D1_5-6	52D2_1-2	52D2_7-8	52D3_4-5	52D3_5-6
Sample Date	Commercial	10/10/2025	10/10/2025	10/10/2025	10/10/2025	10/10/2025	10/10/2025	10/10/2025	10/10/2025	10/10/2025	10/10/2025	10/10/2025	10/10/2025	10/10/2025	10/10/2025	10/10/2025	10/10/2025	10/10/2025	10/10/2025
Lab Sample ID	Use	460-337049-5	460-337049-6	460-337049-48	460-337049-43	460-337049-46	460-337049-44	460-337049-47	460-337049-49	460-337049-45	460-337049-7	460-337049-8	460-337049-56	460-337049-50	460-337049-53	460-337049-51	460-337049-54	460-337049-52	460-337049-55
Sample Depth (bgs)	Soil Cleanup Objectives	0 - 4 (ft)	4 - 8 (ft)	7 - 8 (ft)	2 - 3 (ft)	6 - 7 (ft)	1 - 2 (ft)	5 - 6 (ft)	2 - 3 (ft)	4 - 5 (ft)	0 - 4 (ft)	4 - 8 (ft)	2 - 3 (ft)	3 - 4 (ft)	5 - 6 (ft)	1 - 2 (ft)	7 - 8 (ft)	4 - 5 (ft)	5 - 6 (ft)
Polychlorinated Biphenyls (mg/kg)																			
Aroclor-1016 (PCB-1016)	NA	ND (0.069)	ND (0.071)	-	-	-	-	-	-	-	ND (0.07)	ND (0.073)	-	-	-	-	-	-	-
Aroclor-1221 (PCB-1221)	NA	ND (0.069)	ND (0.071)	-	-	-	-	-	-	-	ND (0.07)	ND (0.073)	-	-	-	-	-	-	-
Aroclor-1232 (PCB-1232)	NA	ND (0.069)	ND (0.071)	-	-	-	-	-	-	-	ND (0.07)	ND (0.073)	-	-	-	-	-	-	-
Aroclor-1242 (PCB-1242)	NA	ND (0.069)	ND (0.071)	-	-	-	-	-	-	-	ND (0.07)	ND (0.073)	-	-	-	-	-	-	-
Aroclor-1248 (PCB-1248)	NA	ND (0.069)	ND (0.071)	-	-	-	-	-	-	-	ND (0.07)	ND (0.073)	-	-	-	-	-	-	-
Aroclor-1254 (PCB-1254)	NA	ND (0.069)	ND (0.071)	-	-	-	-	-	-	-	ND (0.07)	ND (0.073)	-	-	-	-	-	-	-
Aroclor-1260 (PCB-1260)	NA	ND (0.069)	0.064 J	-	-	-	-	-	-	-	ND (0.07)	0.093	-	-	-	-	-	-	-
Aroclor-1262 (PCB-1262)	NA	ND (0.069)	ND (0.071)	-	-	-	-	-	-	-	ND (0.07)	ND (0.073)	-	-	-	-	-	-	-
Aroclor-1268 (PCB-1268)	NA	ND (0.069)	ND (0.071)	-	-	-	-	-	-	-	ND (0.07)	ND (0.073)	-	-	-	-	-	-	-
Total PCBs	1	ND (0.069)	0.064 J	-	-	-	-	-	-	-	ND (0.07)	0.093	-	-	-	-	-	-	-
Inorganic Compounds (mg/kg)																			
Aluminum	NA	7510	8020	-	-	-	-	-	-	-	8050	9380	-	-	-	-	-	-	-
Antimony	NA	3.8	3.5	-	-	-	-	-	-	-	2.7	3.4	-	-	-	-	-	-	-
Arsenic	16	7.9	7.6	-	-	-	-	-	-	-	7.6	8	-	-	-	-	-	-	-
Barium	400	68.2	83.3	-	-	-	-	-	-	-	61.4	81.7	-	-	-	-	-	-	-
Beryllium	590	1.5	3.2	-	-	-	-	-	-	-	0.98	1.4	-	-	-	-	-	-	-
Cadmium	9.3	0.62 J	0.59 J	-	-	-	-	-	-	-	0.42 J	0.52 J	-	-	-	-	-	-	-
Calcium	NA	4190	4000	-	-	-	-	-	-	-	2770	2150	-	-	-	-	-	-	-
Chromium	NA	32.8	35.3	-	-	-	-	-	-	-	28.9	33.7	-	-	-	-	-	-	-
Cobalt	NA	9.4	11.5	-	-	-	-	-	-	-	8.1	11.8	-	-	-	-	-	-	-
Copper	270	129	133	-	-	-	-	-	-	-	73.3	116	-	-	-	-	-	-	-
Iron	NA	21000	21400	-	-	-	-	-	-	-	20600	23900	-	-	-	-	-	-	-
Lead	1000	265	319	-	-	-	-	-	-	-	203	251	-	-	-	-	-	-	-
Magnesium	NA	3500	3250	-	-	-	-	-	-	-	2840	2560	-	-	-	-	-	-	-
Manganese	10000	214	201	-	-	-	-	-	-	-	200	233	-	-	-	-	-	-	-
Mercury	2.8	0.032	0.032	-	-	-	-	-	-	-	0.039	0.036	-	-	-	-	-	-	-
Nickel	310	52.4	58.4	-	-	-	-	-	-	-	26.2	50.6	-	-	-	-	-	-	-
Potassium	NA	1160	1170	-	-	-	-	-	-	-	1150	1310	-	-	-	-	-	-	-
Selenium	1500	0.43 J	0.41 J	-	-	-	-	-	-	-	0.36 J	0.44 J	-	-	-	-	-	-	-
Silver	1500	0.46	0.43	-	-	-	-	-	-	-	0.37	0.46	-	-	-	-	-	-	-
Sodium	NA	119	144	-	-	-	-	-	-	-	117	127	-	-	-	-	-	-	-
Thallium	NA	0.11 J	0.099 J	-	-	-	-	-	-	-	0.091 J	0.12 J	-	-	-	-	-	-	-
Vanadium	NA	30.1	28.4	-	-	-	-	-	-	-	28	31.5	-	-	-	-	-	-	-
Zinc	10000	461	524	-	-	-	-	-	-	-	244	366	-	-	-	-	-	-	-

ABBREVIATIONS AND NOTES:

mg/kg: milligram per kilogram

**: LCS or LCSD is outside acceptance limits.*
-: Not Analyzed
B: Compound was found in the blank and the associated sample.
bgs: below ground surface
ft: feet
J: Value is estimated.
NA: Not Applicable
ND (2.5): Not detected, number in parentheses is the laboratory reporting limit

- For test methods used, see the laboratory data sheets.
- Soil analytical results are compared to the New York State Department of Environmental Conservation (NYSDEC) Title 6 of the Official Compilation of New York Codes, Rules, and Regulations (NYCRR) Part 375 Commercial Use Soil Cleanup Objectives (SCO).
- Grey shading indicates an exceedance of the Commercial Use Soil Cleanup Objectives.

TABLE 17
SUMMARY OF SOIL QUALITY DATA - BERM 52
FORMER PORT MOBIL TERMINAL
STATEN ISLAND, NEW YORK
FILE NO. 0208998

	Criteria										
Location Name	NY Part 375	52E	52E	52E1	52E1	52E2	52E2	52E2	52E3	52E3
Sample Name	Commercial	52E_0-4	52E_4-8	52E1_2-3	52E1_4-5	52E2_3-4	52E2_5-6	52E2_7-8	52E3_1-2	52E3_6-7
Sample Date	Use	10/10/2025	10/10/2025	10/10/2025	10/28/2025	10/10/2025	10/10/2025	10/10/2025	10/10/2025	10/10/2025
Lab Sample ID	Soil Cleanup	460-337049-9	460-337049-10	460-337049-57	460-338106-1	460-337049-58	460-337049-63	460-337049-61	460-337049-59	460-337049-62
Sample Depth (bgs)	Objectives	0 - 4 (ft)	4 - 8 (ft)	2 - 3 (ft)	4 - 5 (ft)	3 - 4 (ft)	5 - 6 (ft)	7 - 8 (ft)	1 - 2 (ft)	6 - 7 (ft)
Volatile Organic Compounds (mg/kg)										
1,1,1-Trichloroethane	500	ND (0.001)	ND (0.0011)	ND (0.0012)	ND (0.00074)	ND (0.00097)	ND (0.0009)	ND (0.001)	ND (0.00098)	ND (0.00085)
1,1,2,2-Tetrachloroethane	NA	ND (0.001)	ND (0.0011)	ND (0.0012)	ND (0.00074)	ND (0.00097)	ND (0.0009)	ND (0.001)	ND (0.00098)	ND (0.00085)
1,1,2-Trichloroethane	NA	ND (0.001)	ND (0.0011)	ND (0.0012)	ND (0.00074)	ND (0.00097)	ND (0.0009)	ND (0.001)	ND (0.00098)	ND (0.00085)
1,1-Dichloroethane	240	ND (0.001)	ND (0.0011)	ND (0.0012)	ND (0.00074)	ND (0.00097)	ND (0.0009)	ND (0.001)	ND (0.00098)	ND (0.00085)
1,1-Dichloroethene	500	ND (0.001)	ND (0.0011)	ND (0.0012)	ND (0.00074)	ND (0.00097)	ND (0.0009)	ND (0.001)	ND (0.00098)	ND (0.00085)
1,2,3-Trichlorobenzene	NA	ND (0.001)	ND (0.0011)	ND (0.0012)	ND (0.00074)	ND (0.00097)	ND (0.0009)	ND (0.001)	ND (0.00098)	ND (0.00085)
1,2,4-Trichlorobenzene	NA	ND (0.001)	ND (0.0011)	ND (0.0012)	ND (0.00074)	ND (0.00097)	ND (0.0009)	ND (0.001)	ND (0.00098)	ND (0.00085)
1,2,4-Trimethylbenzene	190	ND (0.001)	ND (0.0011)	ND (0.0012)	ND (0.00074)	ND (0.00097)	ND (0.0009)	ND (0.001)	ND (0.00098)	ND (0.00085)
1,2-Dibromo-3-chloropropane (DBCP)	NA	ND (0.001)	ND (0.0011)	ND (0.0012)	ND (0.00074)	ND (0.00097)	ND (0.0009)	ND (0.001)	ND (0.00098)	ND (0.00085)
1,2-Dibromoethane (Ethylene Dibromide)	NA	ND (0.001)	ND (0.0011)	ND (0.0012)	ND (0.00074)	ND (0.00097)	ND (0.0009)	ND (0.001)	ND (0.00098)	ND (0.00085)
1,2-Dichlorobenzene	500	ND (0.001)	ND (0.0011)	ND (0.0012)	ND (0.00074)	ND (0.00097)	ND (0.0009)	ND (0.001)	ND (0.00098)	ND (0.00085)
1,2-Dichloroethane	30	ND (0.001)	ND (0.0011)	ND (0.0012)	ND (0.00074)	ND (0.00097)	ND (0.0009)	ND (0.001)	ND (0.00098)	ND (0.00085)
1,2-Dichloropropane	NA	ND (0.001)	ND (0.0011)	ND (0.0012)	ND (0.00074)	ND (0.00097)	ND (0.0009)	ND (0.001)	ND (0.00098)	ND (0.00085)
1,3,5-Trimethylbenzene	190	ND (0.001)	ND (0.0011)	ND (0.0012)	ND (0.00074)	ND (0.00097)	ND (0.0009)	ND (0.001)	ND (0.00098)	ND (0.00085)
1,3-Dichlorobenzene	280	ND (0.001)	ND (0.0011)	ND (0.0012)	ND (0.00074)	ND (0.00097)	ND (0.0009)	ND (0.001)	ND (0.00098)	ND (0.00085)
1,4-Dichlorobenzene	130	ND (0.001)	ND (0.0011)	ND (0.0012)	ND (0.00074)	ND (0.00097)	ND (0.0009)	ND (0.001)	ND (0.00098)	ND (0.00085)
2-Butanone (Methyl Ethyl Ketone)	500	ND (0.0052)	ND (0.0053)	ND (0.006)	ND (0.0037)	ND (0.0048)	ND (0.0045)	ND (0.005)	ND (0.0049)	ND (0.0043)
2-Hexanone (Methyl Butyl Ketone)	NA	ND (0.0052)	ND (0.0053)	ND (0.006)	ND (0.0037)	ND (0.0048)	ND (0.0045)	ND (0.005)	ND (0.0049)	ND (0.0043)
2-Phenylbutane (sec-Butylbenzene)	500	ND (0.001)	ND (0.0011)	ND (0.0012)	ND (0.00074)	ND (0.00097)	ND (0.0009)	ND (0.001)	ND (0.00098)	ND (0.00085)
4-Methyl-2-Pentanone (Methyl Isobutyl Ketone)	NA	ND (0.0052)	ND (0.0053)	ND (0.006)	ND (0.0037)	ND (0.0048)	ND (0.0045)	ND (0.005)	ND (0.0049)	ND (0.0043)
Acetone	500	ND (0.0063)	ND (0.0064)	ND (0.0072)	0.0065	ND (0.0058)	ND (0.0054)	ND (0.0061)	ND (0.0059)	ND (0.0051)
Benzene	44	ND (0.001)	ND (0.0011)	ND (0.0012)	ND (0.00074)	ND (0.00097)	ND (0.0009)	ND (0.001)	ND (0.00098)	ND (0.00085)
Bromodichloromethane	NA	ND (0.001)	ND (0.0011)	ND (0.0012)	ND (0.00074)	ND (0.00097)	ND (0.0009)	ND (0.001)	ND (0.00098)	ND (0.00085)
Bromoform	NA	ND (0.001)	ND (0.0011)	ND (0.0012)	ND (0.00074)	ND (0.00097)	ND (0.0009)	ND (0.001)	ND (0.00098)	ND (0.00085)
Bromomethane (Methyl Bromide)	NA	ND (0.0021)	ND (0.0021)	ND (0.0024)	ND (0.0015)	ND (0.0019)	ND (0.0018)	ND (0.002)	ND (0.002)	ND (0.0017)
Carbon disulfide	NA	ND (0.001)	ND (0.0011)	ND (0.0012)	ND (0.00074)	ND (0.00097)	ND (0.0009)	ND (0.001)	ND (0.00098)	ND (0.00085)
Carbon tetrachloride	22	ND (0.001)	ND (0.0011)	ND (0.0012)	ND (0.00074)	ND (0.00097)	ND (0.0009)	ND (0.001)	ND (0.00098)	ND (0.00085)
Chlorobenzene	500	ND (0.001)	ND (0.0011)	ND (0.0012)	ND (0.00074)	ND (0.00097)	ND (0.0009)	ND (0.001)	ND (0.00098)	ND (0.00085)
Chlorobromomethane	NA	ND (0.001)	ND (0.0011)	ND (0.0012)	ND (0.00074)	ND (0.00097)	ND (0.0009)	ND (0.001)	ND (0.00098)	ND (0.00085)
Chloroethane	NA	ND (0.001)	ND (0.0011)	ND (0.0012)	ND (0.00074)	ND (0.00097)	ND (0.0009)	ND (0.001)	ND (0.00098)	ND (0.00085)
Chloroform (Trichloromethane)	350	ND (0.001)	ND (0.0011)	ND (0.0012)	ND (0.00074)	ND (0.00097)	ND (0.0009)	ND (0.001)	ND (0.00098)	ND (0.00085)
Chloromethane (Methyl Chloride)	NA	ND (0.001)	ND (0.0011)	ND (0.0012)	ND (0.00074)	ND (0.00097)	ND (0.0009)	ND (0.001)	ND (0.00098)	ND (0.00085)
cis-1,2-Dichloroethene	500	ND (0.001)	ND (0.0011)	ND (0.0012)	ND (0.00074)	ND (0.00097)	ND (0.0009)	ND (0.001)	ND (0.00098)	ND (0.00085)
cis-1,3-Dichloropropene	NA	ND (0.001)	ND (0.0011)	ND (0.0012)	ND (0.00074)	ND (0.00097)	ND (0.0009)	ND (0.001)	ND (0.00098)	ND (0.00085)
Cyclohexane	NA	ND (0.001)	ND (0.0011)	ND (0.0012)	ND (0.00074)	ND (0.00097)	ND (0.0009)	ND (0.001)	ND (0.00098)	ND (0.00085)
Dibromochloromethane	NA	ND (0.001)	ND (0.0011)	ND (0.0012)	ND (0.00074)	ND (0.00097)	ND (0.0009)	ND (0.001)	ND (0.00098)	ND (0.00085)
Dichlorodifluoromethane (CFC-12)	NA	ND (0.001)	ND (0.0011)	ND (0.0012) *	ND (0.00074)	ND (0.00097) *	ND (0.0009) *	ND (0.001) *	ND (0.00098) *	ND (0.00085) *
Ethylbenzene	390	ND (0.001)	ND (0.0011)	ND (0.0012)	ND (0.00074)	ND (0.00097)	ND (0.0009)	ND (0.001)	ND (0.00098)	ND (0.00085)
Isopropylbenzene (Cumene)	NA	ND (0.001)	ND (0.0011)	ND (0.0012)	ND (0.00074)	ND (0.00097)	ND (0.0009)	ND (0.001)	ND (0.00098)	ND (0.00085)
m,p-Xylenes	NA	ND (0.001)	ND (0.0011)	ND (0.0012)	ND (0.00074)	ND (0.00097)	ND (0.0009)	ND (0.001)	ND (0.00098)	ND (0.00085)
Methyl acetate	NA	ND (0.0052)	ND (0.0053)	ND (0.006)	ND (0.0037)	ND (0.0048)	ND (0.0045)	ND (0.005)	ND (0.0049)	ND (0.0043)
Methyl Tert Butyl Ether (MTBE)	500	ND (0.001)	ND (0.0011)	ND (0.0012)	ND (0.00074)	ND (0.00097)	ND (0.0009)	ND (0.001)	ND (0.00098)	ND (0.00085)
Methylcyclohexane	NA	ND (0.001)	ND (0.0011)	ND (0.0012)	ND (0.00074)	ND (0.00097)	ND (0.0009)	ND (0.001)	ND (0.00098)	ND (0.00085)
Methylene chloride (Dichloromethane)	500	ND (0.0021)	0.0012 J	0.0028	0.00097 J	0.0021	0.0016 J	ND (0.002)	0.0029	0.0017
n-Butylbenzene	500	ND (0.001)	ND (0.0011)	ND (0.0012)	ND (0.00074)	ND (0.00097)	ND (0.0009)	ND (0.001)	ND (0.00098)	ND (0.00085)
n-Propylbenzene	500	ND (0.001)	ND (0.0011)	ND (0.0012)	ND (0.00074)	ND (0.00097)	ND (0.0009)	ND (0.001)	ND (0.00098)	ND (0.00085)
o-Xylene	NA	ND (0.001)	ND (0.0011)	ND (0.0012)	ND (0.00074)	ND (0.00097)	ND (0.0009)	ND (0.001)	ND (0.00098)	ND (0.00085)
Styrene	NA	ND (0.001)	ND (0.0011)	ND (0.0012)	ND (0.00074)	ND (0.00097)	ND (0.0009)	ND (0.001)	ND (0.00098)	ND (0.00085)
tert-Butylbenzene	500	ND (0.001)	ND (0.0011)	ND (0.0012)	ND (0.00074)	ND (0.00097)	ND (0.0009)	ND (0.001)	ND (0.00098)	ND (0.00085)
Tetrachloroethene	150	ND (0.001)	ND (0.0011)	ND (0.0012)	ND (0.00074)	ND (0.00097)	ND (0.0009)	ND (0.001)	ND (0.00098)	ND (0.00085)
Toluene	500	ND (0.001)	ND (0.0011)	0.00047 J	0.00031 J	0.00049 J	ND (0.0009)	ND (0.001)	0.00082 J	0.00047 J
trans-1,2-Dichloroethene	500	ND (0.001)	ND (0.0011)	ND (0.0012)	ND (0.00074)	ND (0.00097)	ND (0.0009)	ND (0.001)	ND (0.00098)	ND (0.00085)
trans-1,3-Dichloropropene	NA	ND (0.001)	ND (0.0011)	ND (0.0012)	ND (0.00074)	ND (0.00097)	ND (0.0009)	ND (0.001)	ND (0.00098)	ND (0.00085)
Trichloroethene	200	ND (0.001)	ND (0.0011)	ND (0.0012)	ND (0.00074)	ND (0.00097)	ND (0.0009)	ND (0.001)	ND (0.00098)	ND (0.00085)
Trichlorofluoromethane (CFC-11)	NA	ND (0.001)	ND (0.0011)	ND (0.0012)	ND (0.00074)	ND (0.00097)	ND (0.0009)	ND (0.001)	ND (0.00098)	ND (0.00085)
Trifluorotrichloroethane (Freon 113)	NA	ND (0.001)	ND (0.0011)	ND (0.0012)	ND (0.00074)	ND (0.00097)	ND (0.0009)	ND (0.001)	ND (0.00098)	ND (0.00085)
Vinyl chloride	13	ND (0.001)	ND (0.0011)	ND (0.0012)	ND (0.00074)	ND (0.00097)	ND (0.0009)	ND (0.001)	ND (0.00098)	ND (0.00085)
Xylene (Total)	500	ND (0.0021)	ND (0.0021)	ND (0.0024)	ND (0.0015)	ND (0.0019)	ND (0.0018)	ND (0.002)	ND (0.002)	ND (0.0017)

TABLE 17
SUMMARY OF SOIL QUALITY DATA - BERM 52
FORMER PORT MOBIL TERMINAL
STATEN ISLAND, NEW YORK
FILE NO. 0208998

	Criteria									
Location Name	NY Part 375	52E	52E	52E1	52E1	52E2	52E2	52E2	52E3	52E3
Sample Name	Commercial	52E_0-4	52E_4-8	52E1_2-3	52E1_4-5	52E2_3-4	52E2_5-6	52E2_7-8	52E3_1-2	52E3_6-7
Sample Date	Use	10/10/2025	10/10/2025	10/10/2025	10/28/2025	10/10/2025	10/10/2025	10/10/2025	10/10/2025	10/10/2025
Lab Sample ID	Soil Cleanup	460-337049-9	460-337049-10	460-337049-57	460-338106-1	460-337049-58	460-337049-63	460-337049-61	460-337049-59	460-337049-62
Sample Depth (bgs)	Objectives	0 - 4 (ft)	4 - 8 (ft)	2 - 3 (ft)	4 - 5 (ft)	3 - 4 (ft)	5 - 6 (ft)	7 - 8 (ft)	1 - 2 (ft)	6 - 7 (ft)
Semi-Volatile Organic Compounds (mg/kg)										
1,2,4,5-Tetrachlorobenzene	NA	ND (0.35)	ND (0.36)	-	-	-	-	-	-	-
1,4-Dioxane	130	ND (0.035)	ND (0.036)	-	-	-	-	-	-	-
2,2'-oxybis(1-Chloropropane)	NA	ND (0.35)	ND (0.36)	-	-	-	-	-	-	-
2,3,4,6-Tetrachlorophenol	NA	ND (0.35)	ND (0.36)	-	-	-	-	-	-	-
2,4,5-Trichlorophenol	NA	ND (0.35)	ND (0.36)	-	-	-	-	-	-	-
2,4,6-Trichlorophenol	NA	ND (0.14)	ND (0.14)	-	-	-	-	-	-	-
2,4-Dichlorophenol	NA	ND (0.14)	ND (0.14)	-	-	-	-	-	-	-
2,4-Dimethylphenol	NA	ND (0.35)	ND (0.36)	-	-	-	-	-	-	-
2,4-Dinitrophenol	NA	ND (0.28) *	ND (0.29) *	-	-	-	-	-	-	-
2,4-Dinitrotoluene	NA	ND (0.071)	ND (0.072)	-	-	-	-	-	-	-
2,6-Dinitrotoluene	NA	ND (0.071)	ND (0.072)	-	-	-	-	-	-	-
2-Chloronaphthalene	NA	ND (0.35)	ND (0.36)	-	-	-	-	-	-	-
2-Chlorophenol	NA	ND (0.35)	ND (0.36)	-	-	-	-	-	-	-
2-Methylnaphthalene	NA	0.0098 J	0.017 J	-	-	-	-	-	-	-
2-Methylphenol (o-Cresol)	500	ND (0.35)	ND (0.36)	-	-	-	-	-	-	-
2-Nitroaniline	NA	ND (0.35)	ND (0.36)	-	-	-	-	-	-	-
2-Nitrophenol	NA	ND (0.35)	ND (0.36)	-	-	-	-	-	-	-
3&4-Methylphenol	NA	ND (0.35)	ND (0.36)	-	-	-	-	-	-	-
3,3'-Dichlorobenzidine	NA	ND (0.14)	ND (0.14)	-	-	-	-	-	-	-
3-Nitroaniline	NA	ND (0.35)	ND (0.36)	-	-	-	-	-	-	-
4,6-Dinitro-2-methylphenol	NA	ND (0.28) *	ND (0.29) *	-	-	-	-	-	-	-
4-Bromophenyl phenyl ether (BDE-3)	NA	ND (0.35)	ND (0.36)	-	-	-	-	-	-	-
4-Chloro-3-methylphenol	NA	ND (0.35)	ND (0.36)	-	-	-	-	-	-	-
4-Chloroaniline	NA	ND (0.35)	ND (0.36)	-	-	-	-	-	-	-
4-Chlorophenyl phenyl ether	NA	ND (0.35)	ND (0.36)	-	-	-	-	-	-	-
4-Methylphenol	500	ND (0.35)	ND (0.36)	-	-	-	-	-	-	-
4-Nitroaniline	NA	ND (0.35)	ND (0.36)	-	-	-	-	-	-	-
4-Nitrophenol	NA	ND (0.71)	ND (0.72)	-	-	-	-	-	-	-
Acenaphthene	500	ND (0.35)	ND (0.36)	-	-	-	-	-	-	-
Acenaphthylene	500	ND (0.35)	ND (0.36)	-	-	-	-	-	-	-
Acetophenone	NA	ND (0.35)	ND (0.36)	-	-	-	-	-	-	-
Anthracene	500	ND (0.35)	ND (0.36)	-	-	-	-	-	-	-
Atrazine	NA	ND (0.14)	ND (0.14)	-	-	-	-	-	-	-
Benzaldehyde	NA	ND (0.35)	ND (0.36)	-	-	-	-	-	-	-
Benzo(a)anthracene	5.6	0.029 J	ND (0.036)	-	-	-	-	-	-	-
Benzo(a)pyrene	1	0.029 J	0.01 J	-	-	-	-	-	-	-
Benzo(b)fluoranthene	5.6	0.04	0.018 J	-	-	-	-	-	-	-
Benzo(g,h,i)perylene	500	0.022 J	0.012 J	-	-	-	-	-	-	-
Benzo(k)fluoranthene	56	0.013 J	ND (0.036)	-	-	-	-	-	-	-
Biphenyl	NA	ND (0.35)	ND (0.36)	-	-	-	-	-	-	-
bis(2-Chloroethoxy)methane	NA	ND (0.35)	ND (0.36)	-	-	-	-	-	-	-
bis(2-Chloroethyl)ether	NA	ND (0.035)	ND (0.036)	-	-	-	-	-	-	-
bis(2-Ethylhexyl)phthalate	NA	0.024 J	ND (0.36)	-	-	-	-	-	-	-
Butyl benzylphthalate (BBP)	NA	ND (0.35)	ND (0.36)	-	-	-	-	-	-	-
Caprolactam	NA	ND (0.35)	ND (0.36)	-	-	-	-	-	-	-
Carbazole	NA	ND (0.35)	ND (0.36)	-	-	-	-	-	-	-
Chrysene	56	0.029 J	0.016 J	-	-	-	-	-	-	-
Dibenz(a,h)anthracene	0.56	ND (0.035)	ND (0.036)	-	-	-	-	-	-	-
Dibenzofuran	350	ND (0.35)	ND (0.36)	-	-	-	-	-	-	-
Diethyl phthalate	NA	ND (0.35)	ND (0.36)	-	-	-	-	-	-	-
Dimethyl phthalate	NA	ND (0.35)	ND (0.36)	-	-	-	-	-	-	-
Di-n-butylphthalate (DBP)	NA	ND (0.35)	ND (0.36)	-	-	-	-	-	-	-
Di-n-octyl phthalate (DnOP)	NA	ND (0.35)	ND (0.36)	-	-	-	-	-	-	-
Fluoranthene	500	0.043 J	0.019 J	-	-	-	-	-	-	-
Fluorene	500	ND (0.35)	ND (0.36)	-	-	-	-	-	-	-
Hexachlorobenzene	6	ND (0.035)	ND (0.036)	-	-	-	-	-	-	-
Hexachlorobutadiene	NA	ND (0.071)	ND (0.072)	-	-	-	-	-	-	-
Hexachlorocyclopentadiene	NA	ND (0.35)	ND (0.36)	-	-	-	-	-	-	-
Hexachloroethane	NA	ND (0.035)	ND (0.036)	-	-	-	-	-	-	-
Indeno(1,2,3-cd)pyrene	5.6	0.021 J	ND (0.036)	-	-	-	-	-	-	-
Isophorone	NA	ND (0.14)	ND (0.14)	-	-	-	-	-	-	-
Naphthalene	500	0.007 J	0.011 J	-	-	-	-	-	-	-
Nitrobenzene	NA	ND (0.035)	ND (0.036)	-	-	-	-	-	-	-
N-Nitrosodi-n-propylamine	NA	ND (0.035)	ND (0.036)	-	-	-	-	-	-	-
N-Nitrosodiphenylamine	NA	ND (0.35)	ND (0.36)	-	-	-	-	-	-	-
Pentachlorophenol	6.7	ND (0.28)	ND (0.29)	-	-	-	-	-	-	-
Phenanthrene	500	0.028 J	ND (0.36)	-	-	-	-	-	-	-
Phenol	500	ND (0.35)	ND (0.36)	-	-	-	-	-	-	-
Pyrene	500	0.041 J	0.016 J	-	-	-	-	-	-	-

TABLE 17
SUMMARY OF SOIL QUALITY DATA - BERM 52
FORMER PORT MOBIL TERMINAL
STATEN ISLAND, NEW YORK
FILE NO. 0208998

	Criteria									
Location Name	NY Part 375	52E	52E	52E1	52E1	52E2	52E2	52E2	52E3	52E3
Sample Name	Commercial	52E_0-4	52E_4-8	52E1_2-3	52E1_4-5	52E2_3-4	52E2_5-6	52E2_7-8	52E3_1-2	52E3_6-7
Sample Date	Use	10/10/2025	10/10/2025	10/10/2025	10/28/2025	10/10/2025	10/10/2025	10/10/2025	10/10/2025	10/10/2025
Lab Sample ID	Soil Cleanup	460-337049-9	460-337049-10	460-337049-57	460-338106-1	460-337049-58	460-337049-63	460-337049-61	460-337049-59	460-337049-62
Sample Depth (bgs)	Objectives	0 - 4 (ft)	4 - 8 (ft)	2 - 3 (ft)	4 - 5 (ft)	3 - 4 (ft)	5 - 6 (ft)	7 - 8 (ft)	1 - 2 (ft)	6 - 7 (ft)
PFAS (mg/kg)										
11-Chloroeicosafluoro-3-Oxaundecane-1-Sulfonic Acid (11Cl-PF3OUdS)	NA	ND (0.0002)	ND (0.00019)	-	-	-	-	-	-	-
2H,2H,3H,3H-Perfluorooctanoic acid (5:3 FTCA)	NA	ND (0.00099)	ND (0.00096)	-	-	-	-	-	-	-
3-(Perfluoroheptyl)propanoic acid (7:3 FTCA)	NA	ND (0.00099)	ND (0.00096)	-	-	-	-	-	-	-
3:3 Fluorotelomer carboxylic acid (3:3 FTCA)	NA	ND (0.0004)	ND (0.00038)	-	-	-	-	-	-	-
4,8-Dioxa-3H-Perfluorononanoic Acid (ADONA)	NA	ND (0.0002)	ND (0.00019)	-	-	-	-	-	-	-
4:2 Fluorotelomer sulfonic acid (4:2 FTS)	NA	ND (0.0004)	ND (0.00038)	-	-	-	-	-	-	-
6:2 Fluorotelomer sulfonic acid (6:2 FTS)	NA	ND (0.0004)	ND (0.00038)	-	-	-	-	-	-	-
8:2 Fluorotelomer sulfonic acid (8:2 FTS)	NA	ND (0.0004)	ND (0.00038)	-	-	-	-	-	-	-
9-Chlorohexadecafluoro-3-Oxanone-1-Sulfonic Acid (9Cl-PF3ONS)	NA	ND (0.0002)	ND (0.00019)	-	-	-	-	-	-	-
N-Ethyl Perfluorooctanesulfonamidoacetic Acid (NEtFOSAA)	NA	ND (0.0002)	ND (0.00019)	-	-	-	-	-	-	-
N-Ethylperfluorooctane sulfonamide (N-EtFOSA)	NA	ND (0.0002)	ND (0.00019)	-	-	-	-	-	-	-
N-Ethylperfluorooctane sulfonamidoethanol (N-EtFOSE)	NA	ND (0.00099)	ND (0.00096)	-	-	-	-	-	-	-
N-Methyl Perfluorooctanesulfonamidoacetic Acid (NMeFOSAA)	NA	ND (0.0002)	ND (0.00019)	-	-	-	-	-	-	-
N-Methylperfluorooctane sulfonamide (N-MeFOSA)	NA	ND (0.0002)	ND (0.00019)	-	-	-	-	-	-	-
N-Methylperfluorooctane sulfonamidoethanol (N-MeFOSE)	NA	ND (0.00099)	ND (0.00096)	-	-	-	-	-	-	-
Nonafluoro-3,6-dioxaheptanoic acid (NFDHA)	NA	ND (0.0002)	ND (0.00019)	-	-	-	-	-	-	-
Perfluoro(2-ethoxyethane) sulphonic acid (PFEESA)	NA	ND (0.0002)	ND (0.00019)	-	-	-	-	-	-	-
Perfluoro(4-methoxybutanoic) acid (PFMBA)	NA	ND (0.0002)	ND (0.00019)	-	-	-	-	-	-	-
Perfluoro-2-propoxypropanoic acid (PFPrOPrA)(GenX) (HFPO-DA)	NA	ND (0.0002)	ND (0.00019)	-	-	-	-	-	-	-
Perfluoro-3-methoxypropanoic acid (PFMPA)	NA	ND (0.0002)	ND (0.00019)	-	-	-	-	-	-	-
Perfluorobutanesulfonic acid (PFBS)	NA	ND (0.0002)	ND (0.00019)	-	-	-	-	-	-	-
Perfluorobutanoic acid (PFBA)	NA	ND (0.0004)	ND (0.00038)	-	-	-	-	-	-	-
Perfluorodecanesulfonic acid (PFDS)	NA	ND (0.0002)	ND (0.00019)	-	-	-	-	-	-	-
Perfluorodecanoic acid (PFDA)	NA	ND (0.00012)	0.000079 J	-	-	-	-	-	-	-
Perfluorododecane sulfonic acid (PFDoDS)	NA	ND (0.0002)	ND (0.00019)	-	-	-	-	-	-	-
Perfluorododecanoic acid (PFDoDA)	NA	ND (0.00012)	0.0001 J	-	-	-	-	-	-	-
Perfluoroheptanesulfonic acid (PFHpS)	NA	ND (0.0002)	ND (0.00019)	-	-	-	-	-	-	-
Perfluoroheptanoic acid (PFHpA)	NA	ND (0.0002)	ND (0.00019)	-	-	-	-	-	-	-
Perfluorohexanesulfonic acid (PFHxS)	NA	ND (0.0002)	ND (0.00019)	-	-	-	-	-	-	-
Perfluorohexanoic acid (PFHxA)	NA	ND (0.0002)	ND (0.00019)	-	-	-	-	-	-	-
Perfluorononane sulfonic acid (PFNS)	NA	ND (0.0002)	ND (0.00019)	-	-	-	-	-	-	-
Perfluorononanoic acid (PFNA)	NA	ND (0.0002)	0.00076	-	-	-	-	-	-	-
Perfluorooctane sulfonamide (PFOSA)	NA	ND (0.0002)	ND (0.00019)	-	-	-	-	-	-	-
Perfluorooctanesulfonic acid (PFOS)	0.44	ND (0.0002)	ND (0.00019)	-	-	-	-	-	-	-
Perfluorooctanoic acid (PFOA)	0.5	ND (0.0002)	0.0003	-	-	-	-	-	-	-
Perfluoropentanesulfonic acid (PFPeS)	NA	ND (0.0002)	ND (0.00019)	-	-	-	-	-	-	-
Perfluoropentanoic acid (PFPeA)	NA	ND (0.0002)	ND (0.00019)	-	-	-	-	-	-	-
Perfluorotetradecanoic acid (PFTeDA)	NA	ND (0.0002)	ND (0.00019)	-	-	-	-	-	-	-
Perfluorotridecanoic acid (PFTrDA)	NA	ND (0.0002)	ND (0.00019)	-	-	-	-	-	-	-
Perfluoroundecanoic acid (PFUnDA)	NA	0.00044	0.00091	-	-	-	-	-	-	-
Pesticides (mg/kg)										
4,4'-DDD	92	ND (0.0071)	ND (0.0072)	-	-	-	-	-	-	-
4,4'-DDE	62	ND (0.0071)	ND (0.0072)	-	-	-	-	-	-	-
4,4'-DDT	47	ND (0.0071)	ND (0.0072)	-	-	-	-	-	-	-
Aldrin	0.68	ND (0.0071)	ND (0.0072)	-	-	-	-	-	-	-
alpha-BHC	3.4	ND (0.0021)	ND (0.0022)	-	-	-	-	-	-	-
alpha-Chlordane (cis)	24	ND (0.0071)	ND (0.0072)	-	-	-	-	-	-	-
beta-BHC	3	ND (0.0021)	ND (0.0022)	-	-	-	-	-	-	-
Chlordane	NA	ND (0.071)	ND (0.072)	-	-	-	-	-	-	-
delta-BHC	500	ND (0.0021)	ND (0.0022)	-	-	-	-	-	-	-
Dieldrin	1.4	ND (0.0021)	ND (0.0022)	-	-	-	-	-	-	-
Endosulfan I	200	ND (0.0071)	ND (0.0072)	-	-	-	-	-	-	-
Endosulfan II	200	ND (0.0071)	ND (0.0072)	-	-	-	-	-	-	-
Endosulfan sulfate	200	ND (0.0071)	ND (0.0072)	-	-	-	-	-	-	-
Endrin	89	ND (0.0071)	ND (0.0072)	-	-	-	-	-	-	-
Endrin aldehyde	NA	ND (0.0071)	ND (0.0072)	-	-	-	-	-	-	-
Endrin ketone	NA	ND (0.0071)	ND (0.0072)	-	-	-	-	-	-	-
gamma-BHC (Lindane)	9.2	ND (0.0021)	ND (0.0022)	-	-	-	-	-	-	-
Heptachlor	15	ND (0.0071)	ND (0.0072)	-	-	-	-	-	-	-
Heptachlor epoxide	NA	ND (0.0071)	ND (0.0072)	-	-	-	-	-	-	-
Methoxychlor	NA	ND (0.0071)	ND (0.0072)	-	-	-	-	-	-	-
Toxaphene	NA	ND (0.071)	ND (0.072)	-	-	-	-	-	-	-

TABLE 17
SUMMARY OF SOIL QUALITY DATA - BERM 52
FORMER PORT MOBIL TERMINAL
STATEN ISLAND, NEW YORK
FILE NO. 0208998

	Criteria									
Location Name	NY Part 375	52E	52E	52E1	52E1	52E2	52E2	52E2	52E3	52E3
Sample Name	Commercial	52E_0-4	52E_4-8	52E1_2-3	52E1_4-5	52E2_3-4	52E2_5-6	52E2_7-8	52E3_1-2	52E3_6-7
Sample Date	Use	10/10/2025	10/10/2025	10/10/2025	10/28/2025	10/10/2025	10/10/2025	10/10/2025	10/10/2025	10/10/2025
Lab Sample ID	Soil Cleanup	460-337049-9	460-337049-10	460-337049-57	460-338106-1	460-337049-58	460-337049-63	460-337049-61	460-337049-59	460-337049-62
Sample Depth (bgs)	Objectives	0 - 4 (ft)	4 - 8 (ft)	2 - 3 (ft)	4 - 5 (ft)	3 - 4 (ft)	5 - 6 (ft)	7 - 8 (ft)	1 - 2 (ft)	6 - 7 (ft)
Polychlorinated Biphenyls (mg/kg)										
Aroclor-1016 (PCB-1016)	NA	ND (0.071)	ND (0.072)	-	-	-	-	-	-	-
Aroclor-1221 (PCB-1221)	NA	ND (0.071)	ND (0.072)	-	-	-	-	-	-	-
Aroclor-1232 (PCB-1232)	NA	ND (0.071)	ND (0.072)	-	-	-	-	-	-	-
Aroclor-1242 (PCB-1242)	NA	ND (0.071)	ND (0.072)	-	-	-	-	-	-	-
Aroclor-1248 (PCB-1248)	NA	ND (0.071)	ND (0.072)	-	-	-	-	-	-	-
Aroclor-1254 (PCB-1254)	NA	ND (0.071)	ND (0.072)	-	-	-	-	-	-	-
Aroclor-1260 (PCB-1260)	NA	ND (0.071)	0.06 J	-	-	-	-	-	-	-
Aroclor-1262 (PCB-1262)	NA	ND (0.071)	ND (0.072)	-	-	-	-	-	-	-
Aroclor-1268 (PCB-1268)	NA	ND (0.071)	ND (0.072)	-	-	-	-	-	-	-
Total PCBs	1	ND (0.071)	0.06 J	-	-	-	-	-	-	-
Inorganic Compounds (mg/kg)										
Aluminum	NA	7460	8420	-	-	-	-	-	-	-
Antimony	NA	2.9	3.2	-	-	-	-	-	-	-
Arsenic	16	7.9	7.8	-	-	-	-	-	-	-
Barium	400	73.9	80.6	-	-	-	-	-	-	-
Beryllium	590	1.2	0.98	-	-	-	-	-	-	-
Cadmium	9.3	0.44 J	0.77 J	-	-	-	-	-	-	-
Calcium	NA	2820	1340	-	-	-	-	-	-	-
Chromium	NA	25.9	25.7	-	-	-	-	-	-	-
Cobalt	NA	11.8	19.1	-	-	-	-	-	-	-
Copper	270	99.8	91	-	-	-	-	-	-	-
Iron	NA	22200	22000	-	-	-	-	-	-	-
Lead	1000	200	213	-	-	-	-	-	-	-
Magnesium	NA	2840	2410	-	-	-	-	-	-	-
Manganese	10000	258	437	-	-	-	-	-	-	-
Mercury	2.8	0.033	0.043	-	-	-	-	-	-	-
Nickel	310	41.1	43.7	-	-	-	-	-	-	-
Potassium	NA	1040	1230	-	-	-	-	-	-	-
Selenium	1500	0.32 J	0.39 J	-	-	-	-	-	-	-
Silver	1500	0.42	0.4	-	-	-	-	-	-	-
Sodium	NA	151	96.4	-	-	-	-	-	-	-
Thallium	NA	0.11 J	0.13 J	-	-	-	-	-	-	-
Vanadium	NA	29.1	30.1	-	-	-	-	-	-	-
Zinc	10000	290	277	-	-	-	-	-	-	-

ABBREVIATIONS AND NOTES:

mg/kg: milligram per kilogram

**: LCS or LCSD is outside acceptance limits.*
-: Not Analyzed
B: Compound was found in the blank and the associated sample.
bgs: below ground surface
ft: feet
J: Value is estimated.
NA: Not Applicable
ND (2.5): Not detected, number in parentheses is the laboratory reporting limit

- For test methods used, see the laboratory data sheets.
- Soil analytical results are compared to the New York State Department of Environmental Conservation (NYSDEC) Title 6 of the Official Compilation of New York Codes, Rules, and Regulations (NYCRR) Part 375 Commercial Use Soil Cleanup Objectives (SCO).
- Grey shading indicates an exceedance of the Commercial Use Soil Cleanup Objectives.

TABLE 18
SUMMARY OF SOIL QUALITY DATA - BERM 53
FORMER PORT MOBIL TERMINAL
STATEN ISLAND, NEW YORK
FILE NO. 0208998

	Criteria																		
Location Name	NY Part 375	53A	53A	53A1	53A1	53A1	53A1	53A2	53A2	53A3	53B	53B	53B1	53B1	53B1	53B2	53B2	53B3	53B3
Sample Name	Commercial	53A_0-5	53A_5-10	53A1_2-3	53A1_4-5	53A1_7-8	53A1_8-9	53A2_5-6	53A2_9-10	53A3_0-1	53B_0-5	53B_5-10	53B1_2-3	53B1_5-6	53B1_7-8	53B2_4-5	53B2_6-7	53B3_1-2	53B3_9-10
Sample Date	Use	09/25/2025	09/25/2025	09/25/2025	09/25/2025	09/25/2025	09/25/2025	09/25/2025	09/25/2025	09/25/2025	09/25/2025	09/25/2025	09/25/2025	09/25/2025	09/25/2025	09/25/2025	09/25/2025	09/25/2025	09/25/2025
Lab Sample ID	Soil Cleanup	460-335747-1	460-335747-2	460-335747-23	460-335747-21	460-335747-17	460-335747-19	460-335747-20	460-335747-18	460-335747-22	460-335747-3	460-335747-4	460-335747-28	460-335747-25	460-335747-26	460-335747-24	460-335747-30	460-335747-29	460-335747-27
Sample Depth (bgs)	Objectives	0 - 5 (ft)	5 - 10 (ft)	2 - 3 (ft)	4 - 5 (ft)	7 - 8 (ft)	8 - 9 (ft)	5 - 6 (ft)	9 - 10 (ft)	0 - 1 (ft)	0 - 5 (ft)	5 - 10 (ft)	2 - 3 (ft)	5 - 6 (ft)	7 - 8 (ft)	4 - 5 (ft)	6 - 7 (ft)	1 - 2 (ft)	9 - 10 (ft)
Volatile Organic Compounds (mg/kg)																			
1,1,1-Trichloroethane	500	-	-	ND (0.001)	ND (0.0011)	ND (0.00096)	ND (0.00088)	ND (0.0015)	ND (0.00085)	ND (0.0012)	-	-	ND (0.001)	ND (0.001)	ND (0.0012)	ND (0.001)	ND (0.0009)	ND (0.0011)	ND (0.0011)
1,1,2,2-Tetrachloroethane	NA	-	-	ND (0.001)	ND (0.0011)	ND (0.00096)	ND (0.00088)	ND (0.0015)	ND (0.00085)	ND (0.0012)	-	-	ND (0.001)	ND (0.001)	ND (0.0012)	ND (0.001)	ND (0.0009)	ND (0.0011)	ND (0.0011)
1,1,2-Trichloroethane	NA	-	-	ND (0.001)	ND (0.0011)	ND (0.00096)	ND (0.00088)	ND (0.0015)	ND (0.00085)	ND (0.0012)	-	-	ND (0.001)	ND (0.001)	ND (0.0012)	ND (0.001)	ND (0.0009)	ND (0.0011)	ND (0.0011)
1,1-Dichloroethane	240	-	-	ND (0.001)	ND (0.0011)	ND (0.00096)	ND (0.00088)	ND (0.0015)	ND (0.00085)	ND (0.0012)	-	-	ND (0.001)	ND (0.001)	ND (0.0012)	ND (0.001)	ND (0.0009)	ND (0.0011)	ND (0.0011)
1,1-Dichloroethene	500	-	-	ND (0.001)	ND (0.0011)	ND (0.00096)	ND (0.00088)	ND (0.0015)	ND (0.00085)	ND (0.0012)	-	-	ND (0.001)	ND (0.001)	ND (0.0012)	ND (0.001)	ND (0.0009)	ND (0.0011)	ND (0.0011)
1,2,3-Trichlorobenzene	NA	-	-	ND (0.001)	ND (0.0011)	ND (0.00096)	ND (0.00088)	ND (0.0015)	ND (0.00085)	ND (0.0012)	-	-	ND (0.001)	ND (0.001)	ND (0.0012)	ND (0.001)	ND (0.0009)	ND (0.0011)	ND (0.0011)
1,2,4-Trichlorobenzene	NA	-	-	ND (0.001)	ND (0.0011)	ND (0.00096)	ND (0.00088)	ND (0.0015)	ND (0.00085)	ND (0.0012)	-	-	ND (0.001)	ND (0.001)	ND (0.0012)	ND (0.001)	ND (0.0009)	ND (0.0011)	ND (0.0011)
1,2,4-Trimethylbenzene	190	-	-	ND (0.001)	ND (0.0011)	ND (0.00096)	ND (0.00088)	ND (0.0015)	ND (0.00085)	ND (0.0012)	-	-	ND (0.001)	ND (0.001)	ND (0.0012)	ND (0.001)	ND (0.0009)	ND (0.0011)	ND (0.0011)
1,2-Dibromo-3-chloropropane (DBCP)	NA	-	-	ND (0.001)	ND (0.0011)	ND (0.00096)	ND (0.00088)	ND (0.0015)	ND (0.00085)	ND (0.0012)	-	-	ND (0.001)	ND (0.001)	ND (0.0012)	ND (0.001)	ND (0.0009)	ND (0.0011)	ND (0.0011)
1,2-Dibromoethane (Ethylene Dibromide)	NA	-	-	ND (0.001)	ND (0.0011)	ND (0.00096)	ND (0.00088)	ND (0.0015)	ND (0.00085)	ND (0.0012)	-	-	ND (0.001)	ND (0.001)	ND (0.0012)	ND (0.001)	ND (0.0009)	ND (0.0011)	ND (0.0011)
1,2-Dichlorobenzene	500	-	-	ND (0.001)	ND (0.0011)	ND (0.00096)	ND (0.00088)	ND (0.0015)	ND (0.00085)	ND (0.0012)	-	-	ND (0.001)	ND (0.001)	ND (0.0012)	ND (0.001)	ND (0.0009)	ND (0.0011)	ND (0.0011)
1,2-Dichloroethane	30	-	-	ND (0.001)	ND (0.0011)	ND (0.00096)	ND (0.00088)	ND (0.0015)	ND (0.00085)	ND (0.0012)	-	-	ND (0.001)	ND (0.001)	ND (0.0012)	ND (0.001)	ND (0.0009) *	ND (0.0011) *	ND (0.0011)
1,2-Dichloropropane	NA	-	-	ND (0.001)	ND (0.0011)	ND (0.00096)	ND (0.00088)	ND (0.0015)	ND (0.00085)	ND (0.0012)	-	-	ND (0.001)	ND (0.001)	ND (0.0012)	ND (0.001)	ND (0.0009)	ND (0.0011)	ND (0.0011)
1,3,5-Trimethylbenzene	190	-	-	ND (0.001)	ND (0.0011)	ND (0.00096)	ND (0.00088)	ND (0.0015)	ND (0.00085)	ND (0.0012)	-	-	ND (0.001)	ND (0.001)	ND (0.0012)	ND (0.001)	ND (0.0009)	ND (0.0011)	ND (0.0011)
1,3-Dichlorobenzene	280	-	-	ND (0.001)	ND (0.0011)	ND (0.00096)	ND (0.00088)	ND (0.0015)	ND (0.00085)	ND (0.0012)	-	-	ND (0.001)	ND (0.001)	ND (0.0012)	ND (0.001)	ND (0.0009)	ND (0.0011)	ND (0.0011)
1,4-Dichlorobenzene	130	-	-	ND (0.001)	ND (0.0011)	ND (0.00096)	ND (0.00088)	ND (0.0015)	ND (0.00085)	ND (0.0012)	-	-	ND (0.001)	ND (0.001)	ND (0.0012)	ND (0.001)	ND (0.0009)	ND (0.0011)	ND (0.0011)
2-Butanone (Methyl Ethyl Ketone)	500	-	-	ND (0.0051)	ND (0.0053)	ND (0.0048)	ND (0.0044)	ND (0.0074)	ND (0.0043)	ND (0.006)	-	-	ND (0.0051)	ND (0.0052)	ND (0.006)	ND (0.0051)	ND (0.0045)	ND (0.0055)	ND (0.0056)
2-Hexanone (Methyl Butyl Ketone)	NA	-	-	ND (0.0051)	ND (0.0053)	ND (0.0048)	ND (0.0044)	ND (0.0074)	ND (0.0043)	ND (0.006)	-	-	ND (0.0051)	ND (0.0052)	ND (0.006)	ND (0.0051)	ND (0.0045) *	ND (0.0055) *	ND (0.0056)
2-Phenylbutane (sec-Butylbenzene)	500	-	-	ND (0.001)	ND (0.0011)	ND (0.00096)	ND (0.00088)	ND (0.0015)	ND (0.00085)	ND (0.0012)	-	-	ND (0.001)	ND (0.001)	ND (0.0012)	ND (0.001)	ND (0.0009)	ND (0.0011)	ND (0.0011)
4-Methyl-2-Pentanone (Methyl Isobutyl Ketone)	NA	-	-	ND (0.0051)	ND (0.0053)	ND (0.0048)	ND (0.0044)	ND (0.0074)	ND (0.0043)	ND (0.006)	-	-	ND (0.0051)	ND (0.0052)	ND (0.006)	ND (0.0051)	ND (0.0045) *	ND (0.0055) *	ND (0.0056)
Acetone	500	-	-	ND (0.0062)	ND (0.0064)	ND (0.0057)	ND (0.0053)	ND (0.0089)	ND (0.0051)	ND (0.0072)	-	-	ND (0.0062)	ND (0.0062)	ND (0.0071)	0.008	ND (0.0054)	ND (0.0066)	ND (0.0067)
Benzene	44	-	-	ND (0.001)	ND (0.0011)	ND (0.00096)	ND (0.00088)	ND (0.0015)	ND (0.00085)	ND (0.0012)	-	-	ND (0.001)	ND (0.001)	ND (0.0012)	ND (0.001)	ND (0.0009)	ND (0.0011)	ND (0.0011)
Bromodichloromethane	NA	-	-	ND (0.001)	ND (0.0011)	ND (0.00096)	ND (0.00088)	ND (0.0015)	ND (0.00085)	ND (0.0012)	-	-	ND (0.001)	ND (0.001)	ND (0.0012)	ND (0.001)	ND (0.0009)	ND (0.0011)	ND (0.0011)
Bromoform	NA	-	-	ND (0.001)	ND (0.0011)	ND (0.00096)	ND (0.00088)	ND (0.0015)	ND (0.00085)	ND (0.0012)	-	-	ND (0.001)	ND (0.001)	ND (0.0012)	ND (0.001)	ND (0.0009)	ND (0.0011)	ND (0.0011)
Bromomethane (Methyl Bromide)	NA	-	-	ND (0.0021)	ND (0.0021)	ND (0.0019)	ND (0.0018)	ND (0.003)	ND (0.0017)	ND (0.0024)	-	-	ND (0.0021)	ND (0.0021)	ND (0.0024)	ND (0.002)	ND (0.0018)	ND (0.0022)	ND (0.0022)
Carbon disulfide	NA	-	-	ND (0.001)	ND (0.0011)	ND (0.00096)	ND (0.00088)	ND (0.0015)	ND (0.00085)	ND (0.0012)	-	-	ND (0.001)	ND (0.001)	ND (0.0012)	ND (0.001)	ND (0.0009)	ND (0.0011)	ND (0.0011)
Carbon tetrachloride	22	-	-	ND (0.001)	ND (0.0011)	ND (0.00096)	ND (0.00088)	ND (0.0015)	ND (0.00085)	ND (0.0012)	-	-	ND (0.001)	ND (0.001)	ND (0.0012)	ND (0.001)	ND (0.0009)	ND (0.0011)	ND (0.0011)
Chlorobenzene	500	-	-	ND (0.001)	ND (0.0011)	ND (0.00096)	ND (0.00088)	ND (0.0015)	ND (0.00085)	ND (0.0012)	-	-	ND (0.001)	ND (0.001)	ND (0.0012)	ND (0.001)	ND (0.0009)	ND (0.0011)	ND (0.0011)
Chlorobromomethane	NA	-	-	ND (0.001)	ND (0.0011)	ND (0.00096)	ND (0.00088)	ND (0.0015)	ND (0.00085)	ND (0.0012)	-	-	ND (0.001)	ND (0.001)	ND (0.0012)	ND (0.001)	ND (0.0009)	ND (0.0011)	ND (0.0011)
Chloroethane	NA	-	-	ND (0.001)	ND (0.0011)	ND (0.00096)	ND (0.00088)	ND (0.0015)	ND (0.00085)	ND (0.0012)	-	-	ND (0.001)	ND (0.001)	ND (0.0012)	ND (0.001)	ND (0.0009)	ND (0.0011)	ND (0.0011)
Chloroform (Trichloromethane)	350	-	-	ND (0.001)	ND (0.0011)	ND (0.00096)	ND (0.00088)	ND (0.0015)	ND (0.00085)	ND (0.0012)	-	-	ND (0.001)	ND (0.001)	ND (0.0012)	ND (0.001)	ND (0.0009)	ND (0.0011)	ND (0.0011)
Chloromethane (Methyl Chloride)	NA	-	-	ND (0.001)	ND (0.0011)	ND (0.00096)	ND (0.00088)	ND (0.0015)	ND (0.00085)	ND (0.0012)	-	-	ND (0.001)	ND (0.001)	ND (0.0012)	ND (0.001)	ND (0.0009)	ND (0.0011)	ND (0.0011)
cis-1,2-Dichloroethene	500	-	-	ND (0.001)	ND (0.0011)	ND (0.00096)	ND (0.00088)	ND (0.0015)	ND (0.00085)	ND (0.0012)	-	-	ND (0.001)	ND (0.001)	ND (0.0012)	ND (0.001)	ND (0.0009)	ND (0.0011)	ND (0.0011)
cis-1,3-Dichloropropene	NA	-	-	ND (0.001)	ND (0.0011)	ND (0.00096)	ND (0.00088)	ND (0.0015)	ND (0.00085)	ND (0.0012)	-	-	ND (0.001)	ND (0.001)	ND (0.0012)	ND (0.001)	ND (0.0009)	ND (0.0011)	ND (0.0011)
Cyclohexane	NA	-	-	ND (0.001)	ND (0.0011)	ND (0.00096)	ND (0.00088)	ND (0.0015)	ND (0.00085)	ND (0.0012)	-	-	ND (0.001)	ND (0.001)	ND (0.0012)	ND (0.001)	ND (0.0009)	ND (0.0011)	ND (0.0011)
Dibromochloromethane	NA	-	-	ND (0.001)	ND (0.0011)	ND (0.00096)	ND (0.00088)	ND (0.0015)	ND (0.00085)	ND (0.0012)	-	-	ND (0.001)	ND (0.001)	ND (0.0012)	ND (0.001)	ND (0.0009)	ND (0.0011)	ND (0.0011)
Dichlorodifluoromethane (CFC-12)	NA	-	-	ND (0.001)	ND (0.0011)	ND (0.00096)	ND (0.00088)	ND (0.0015)	ND (0.00085)	ND (0.0012)	-	-	ND (0.001)	ND (0.001)	ND (0.0012)	ND (0.001)	ND (0.0009)	ND (0.0011)	ND (0.0011)
Ethylbenzene	390	-	-	ND (0.001)	ND (0.0011)	ND (0.00096)	ND (0.00088)	ND (0.0015)	ND (0.00085)	ND (0.0012)	-	-	ND (0.001)	ND (0.001)	ND (0.0012)	ND (0.001)	ND (0.0009)	ND (0.0011)	ND (0.0011)
Isopropylbenzene (Cumene)	NA	-	-	ND (0.001)	ND (0.0011)	ND (0.00096)	ND (0.00088)	ND (0.0015)	ND (0.00085)	ND (0.0012)	-	-	ND (0.001)	ND (0.001)	ND (0.0012)	ND (0.001)	ND (0.0009)	ND (0.0011)	ND (0.0011)
m,p-Xylenes	NA	-	-	ND (0.001)	ND (0.0011)	ND (0.00096)	ND (0.00088)	ND (0.0015)	ND (0.00085)	ND (0.0012)	-	-	ND (0.001)	ND (0.001)	ND (0.0012)	ND (0.001)	ND (0.0009)	ND (0.0011)	ND (0.0011)
Methyl acetate	NA	-	-	ND (0.0051)	ND (0.0053)	ND (0.0048)	ND (0.0044)	ND (0.0074)	ND (0.0043)	ND (0.006)	-	-	ND (0.0051)	ND (0.0052)	ND (0.006)	ND (0.0051)	ND (0.0045)	ND (0.0055)	ND (0.0056)
Methyl Tert Butyl Ether (MTBE)	500	-	-	ND (0.001)	ND (0.0011)	ND (0.00096)	ND (0.00088)	ND (0.0015)	ND (0.00085)	ND (0.0012)	-	-	ND (0.001)	ND (0.001)	ND (0.0012)	ND (0.001)	ND (0.0009)	ND (0.0011)	ND (0.0011)
Methylcyclohexane	NA	-	-	ND (0.001)	ND (0.0011)	ND (0.00096)	ND (0.00088)	ND (0.0015)	ND (0.00085)	ND (0.0012)	-	-	ND (0.001)	ND (0.001)	ND (0.0012)	ND (0.001)	ND (0.0009)	ND (0.0011)	ND (0.0011)
Methylene chloride (Dichloromethane)	500	-	-	0.0028	0.0029	0.002	0.0016 J	0.0029 J	0.0014 J	0.0032	-	-	0.0027	0.002 J	0.0026	0.0032	0.003	0.0013 J	0.0021 J
n-Butylbenzene	500	-	-	ND (0.001)	ND (0.0011)	ND (0.00096)	ND (0.00088)	ND (0.0015)	ND (0.00085)	ND (0.0012)	-	-	ND (0.001)	ND (0.001)	ND (0.0012)	ND (0.001)	ND (0.0009)	ND (0.0011)	ND (0.0011)
n-Propylbenzene	500	-	-	ND (0.001)	ND (0.0011)	ND (0.00096)	ND (0.00088)	ND (0.0015)	ND (0.00085)	ND (0.0012)	-	-	ND (0.001)	ND (0.001)	ND (0.0012)	ND (0.001)	ND (0.0009)	ND (0.0011)	ND (0.0011)
o-Xylene	NA	-	-	ND (0.001)	ND (0.0011)	ND (0.00096)	ND (0.00088)	ND (0.0015)	ND (0.00085)	ND (0.0012)	-	-	ND (0.001)	ND (0.001)	ND (0.0012)	ND (0.001)	ND (0.0009)	ND (0.0011)	ND (0.0011)
Styrene	NA	-	-	ND (0.001)	ND (0.0011)	ND (0.00096)	ND (0.00088)	ND (0.0015)	ND (0.00085)	ND (0.0012)	-	-	ND (0.001)	ND (0.001)	ND (0.0012)	ND (0.001)	ND (0.0009)	ND (0.0011)	ND (0.0011)
tert-Butylbenzene	500	-	-	ND (0.001)	ND (0.0011)	ND (0.00096)	ND (0.00088)	ND (0.0015)	ND (0.00085)	ND (0.0012)	-	-	ND (0.001)	ND (0.001)	ND (0.0012)	ND (0.001)	ND (0.0009)	ND (0.0011)	ND (0.0011)
Tetrachloroethene	150	-	-	ND (0.001)	ND (0.0011)	ND (0.00096)	ND (0.00088)	ND (0.0015)	ND (0.00085)	ND (0.0012)	-	-	ND (0.001)	ND (0.001)	ND (0.0012)	ND (0.001)	ND (0.0009)	ND (0.0011)	ND (0.0011)
Toluene	500	-	-	ND (0.001)	ND (0.0011)	ND (0.00096)	ND (0.00088)	ND (0.0015)	ND (0.00085)	ND (0.0012)	-	-	ND (0.001)	ND (0.001)	ND (0.0012)	ND (0.001)	ND (0.0009)	ND (0.0011)	ND (0.0011)
trans-1,2-Dichloroethene	500	-	-	ND (0.001)	ND (0.0011)	ND (0.00096)	ND (0.00088)	ND (0.0015)	ND (0.00085)	ND (0.0012)	-	-	ND (0.001)	ND (0.001)	ND (0.0012)	ND (0.001)	ND (0.0009)	ND (0.0011)	ND (0.0011)
trans-1,3-Dichloropropene	NA	-	-	ND (0.001)	ND (0.0011)	ND (0.00096)	ND (0.00088)	ND (0.0015)	ND (0.00085)	ND (0.0012)	-	-	ND (0.001)	ND (0.001)	ND (0.0012)	ND (0.001)	ND (0.0009)	ND (0.0011)	ND (0.0011)
Trichloroethene	200	-	-	ND (0.001)	ND (0.0011)	ND (0.00096)	ND (0.00088)	ND (0.0015)	ND (0.00085)	ND (0.0012)	-	-	ND (0.001)	ND (0.001)	ND (0.0012)	ND (0.001)	ND (0.0009)	ND (0.0011)	ND (0.0011)
Trichlorofluoromethane (CFC-11)	NA	-	-	ND (0.001)	ND (0.0011)	ND (0.00096)	ND (0.00088)	ND (0.0015)	ND (0.00085)	ND (0.0012)	-	-	ND (0.001)	ND (0.001)	ND (0.0012)	ND (0.001)	ND (0.0009)	ND (0.0011)	ND (0.0011)
Trifluorotrichloroethane (Freon 113)	NA	-	-	ND (0.001)	ND (0.0011)	ND (0.00096)	ND (0.00088)	ND (0.0015)	ND (0.00085)	ND (0.0012)	-	-	ND (0.001)	ND (0.001)	ND (0.0012)	ND (0.001)	ND (0.0009) *	ND (0.0011) *	ND (0.0011)
Vinyl chloride	13	-	-	ND (0.001)	ND (0.0011)	ND (0.00096)	ND (0.00088)	ND (0.0015)	ND (0.00085)	ND (0.0012)	-	-	ND (0.001)	ND (0.001)	ND (0.0012)	ND (0.001)	ND (0.0009)	ND (0.0011)	ND (0.0011)
Xylene (Total)	500	-	-	ND (0.0021)	ND (0.0021)	ND (0.0019)	ND (0.0018)	ND (0.003)	ND (0.0017)	ND (0.0024)	-	-	ND (0.0021)	ND (0.0021)	ND (0.0024)	ND (0.002)	ND (0.0018)	ND (0.0022)	ND (0.0022)

TABLE 18
SUMMARY OF SOIL QUALITY DATA - BERM 53
FORMER PORT MOBIL TERMINAL
STATEN ISLAND, NEW YORK
FILE NO. 0208998

Location Name	Criteria	53A	53A	53A1	53A1	53A1	53A1	53A2	53A2	53A3	53B	53B	53B1	53B1	53B1	53B2	53B2	53B3	53B3
Sample Name	NY Part 375 Commercial Use Soil Cleanup Objectives	53A_0-5	53A_5-10	53A1_2-3	53A1_4-5	53A1_7-8	53A1_8-9	53A2_5-6	53A2_9-10	53A3_0-1	53B_0-5	53B_5-10	53B1_2-3	53B1_5-6	53B1_7-8	53B2_4-5	53B2_6-7	53B3_1-2	53B3_9-10
Sample Date		09/25/2025	09/25/2025	09/25/2025	09/25/2025	09/25/2025	09/25/2025	09/25/2025	09/25/2025	09/25/2025	09/25/2025	09/25/2025	09/25/2025	09/25/2025	09/25/2025	09/25/2025	09/25/2025	09/25/2025	09/25/2025
Lab Sample ID		460-335747-1	460-335747-2	460-335747-23	460-335747-21	460-335747-17	460-335747-19	460-335747-20	460-335747-18	460-335747-22	460-335747-3	460-335747-4	460-335747-28	460-335747-25	460-335747-26	460-335747-24	460-335747-30	460-335747-29	460-335747-27
Sample Depth (bgs)		0 - 5 (ft)	5 - 10 (ft)	2 - 3 (ft)	4 - 5 (ft)	7 - 8 (ft)	8 - 9 (ft)	5 - 6 (ft)	9 - 10 (ft)	0 - 1 (ft)	0 - 5 (ft)	5 - 10 (ft)	2 - 3 (ft)	5 - 6 (ft)	7 - 8 (ft)	4 - 5 (ft)	6 - 7 (ft)	1 - 2 (ft)	9 - 10 (ft)
Semi-Volatile Organic Compounds (mg/kg)																			
1,2,4,5-Tetrachlorobenzene	NA	ND (0.36)	ND (0.37)	-	-	-	-	-	-	-	ND (0.35)	ND (0.39)	-	-	-	-	-	-	-
1,4-Dioxane	130	ND (0.036)	ND (0.037)	-	-	-	-	-	-	-	ND (0.035)	ND (0.039)	-	-	-	-	-	-	-
2,2'-oxybis(1-Chloropropane)	NA	ND (0.36)	ND (0.37)	-	-	-	-	-	-	-	ND (0.35)	ND (0.39)	-	-	-	-	-	-	-
2,3,4,6-Tetrachlorophenol	NA	ND (0.36)	ND (0.37)	-	-	-	-	-	-	-	ND (0.35)	ND (0.39)	-	-	-	-	-	-	-
2,4,5-Trichlorophenol	NA	ND (0.36)	ND (0.37)	-	-	-	-	-	-	-	ND (0.35)	ND (0.39)	-	-	-	-	-	-	-
2,4,6-Trichlorophenol	NA	ND (0.14)	ND (0.15)	-	-	-	-	-	-	-	ND (0.14)	ND (0.16)	-	-	-	-	-	-	-
2,4-Dichlorophenol	NA	ND (0.14)	ND (0.15)	-	-	-	-	-	-	-	ND (0.14)	ND (0.16)	-	-	-	-	-	-	-
2,4-Dimethylphenol	NA	ND (0.36)	ND (0.37)	-	-	-	-	-	-	-	ND (0.35)	ND (0.39)	-	-	-	-	-	-	-
2,4-Dinitrophenol	NA	ND (0.29)	ND (0.3)	-	-	-	-	-	-	-	ND (0.28)	ND (0.32)	-	-	-	-	-	-	-
2,4-Dinitrotoluene	NA	ND (0.072)	ND (0.076)	-	-	-	-	-	-	-	ND (0.071)	ND (0.079)	-	-	-	-	-	-	-
2,6-Dinitrotoluene	NA	ND (0.072)	ND (0.076)	-	-	-	-	-	-	-	ND (0.071)	ND (0.079)	-	-	-	-	-	-	-
2-Chloronaphthalene	NA	ND (0.36)	ND (0.37)	-	-	-	-	-	-	-	ND (0.35)	ND (0.39)	-	-	-	-	-	-	-
2-Chlorophenol	NA	ND (0.36)	ND (0.37)	-	-	-	-	-	-	-	ND (0.35)	ND (0.39)	-	-	-	-	-	-	-
2-Methylnaphthalene	NA	ND (0.36)	ND (0.37)	-	-	-	-	-	-	-	ND (0.35)	ND (0.39)	-	-	-	-	-	-	-
2-Methylphenol (o-Cresol)	500	ND (0.36)	ND (0.37)	-	-	-	-	-	-	-	ND (0.35)	ND (0.39)	-	-	-	-	-	-	-
2-Nitroaniline	NA	ND (0.36)	ND (0.37)	-	-	-	-	-	-	-	ND (0.35)	ND (0.39)	-	-	-	-	-	-	-
2-Nitrophenol	NA	ND (0.36)	ND (0.37)	-	-	-	-	-	-	-	ND (0.35)	ND (0.39)	-	-	-	-	-	-	-
3&4-Methylphenol	NA	ND (0.36)	ND (0.37)	-	-	-	-	-	-	-	ND (0.35)	ND (0.39)	-	-	-	-	-	-	-
3,3'-Dichlorobenzidine	NA	ND (0.14)	ND (0.15)	-	-	-	-	-	-	-	ND (0.14)	ND (0.16)	-	-	-	-	-	-	-
3-Nitroaniline	NA	ND (0.36)	ND (0.37)	-	-	-	-	-	-	-	ND (0.35)	ND (0.39)	-	-	-	-	-	-	-
4,6-Dinitro-2-methylphenol	NA	ND (0.29)	ND (0.3)	-	-	-	-	-	-	-	ND (0.28)	ND (0.32)	-	-	-	-	-	-	-
4-Bromophenyl phenyl ether (BDE-3)	NA	ND (0.36)	ND (0.37)	-	-	-	-	-	-	-	ND (0.35)	ND (0.39)	-	-	-	-	-	-	-
4-Chloro-3-methylphenol	NA	ND (0.36)	ND (0.37)	-	-	-	-	-	-	-	ND (0.35)	ND (0.39)	-	-	-	-	-	-	-
4-Chloroaniline	NA	ND (0.36)	ND (0.37)	-	-	-	-	-	-	-	ND (0.35)	ND (0.39)	-	-	-	-	-	-	-
4-Chlorophenyl phenyl ether	NA	ND (0.36)	ND (0.37)	-	-	-	-	-	-	-	ND (0.35)	ND (0.39)	-	-	-	-	-	-	-
4-Methylphenol	500	ND (0.36)	ND (0.37)	-	-	-	-	-	-	-	ND (0.35)	ND (0.39)	-	-	-	-	-	-	-
4-Nitroaniline	NA	ND (0.36)	ND (0.37)	-	-	-	-	-	-	-	ND (0.35)	ND (0.39)	-	-	-	-	-	-	-
4-Nitrophenol	NA	ND (0.72)	ND (0.76)	-	-	-	-	-	-	-	ND (0.71)	ND (0.79)	-	-	-	-	-	-	-
Acenaphthene	500	ND (0.36)	ND (0.37)	-	-	-	-	-	-	-	ND (0.35)	ND (0.39)	-	-	-	-	-	-	-
Acenaphthylene	500	ND (0.36)	ND (0.37)	-	-	-	-	-	-	-	ND (0.35)	ND (0.39)	-	-	-	-	-	-	-
Acetophenone	NA	ND (0.36)	ND (0.37)	-	-	-	-	-	-	-	ND (0.35)	ND (0.39)	-	-	-	-	-	-	-
Anthracene	500	ND (0.36)	ND (0.37)	-	-	-	-	-	-	-	ND (0.35)	ND (0.39)	-	-	-	-	-	-	-
Atrazine	NA	ND (0.14) *	ND (0.15) *	-	-	-	-	-	-	-	ND (0.14) *	ND (0.16) *	-	-	-	-	-	-	-
Benzaldehyde	NA	ND (0.36)	ND (0.37)	-	-	-	-	-	-	-	ND (0.35)	ND (0.39)	-	-	-	-	-	-	-
Benzo(a)anthracene	5.6	ND (0.036)	ND (0.037)	-	-	-	-	-	-	-	ND (0.035)	ND (0.039)	-	-	-	-	-	-	-
Benzo(a)pyrene	1	ND (0.036)	ND (0.037)	-	-	-	-	-	-	-	ND (0.035)	ND (0.039)	-	-	-	-	-	-	-
Benzo(b)fluoranthene	5.6	ND (0.036)	ND (0.037)	-	-	-	-	-	-	-	ND (0.035)	ND (0.039)	-	-	-	-	-	-	-
Benzo(g,h,i)perylene	500	ND (0.36)	ND (0.37)	-	-	-	-	-	-	-	ND (0.35)	ND (0.39)	-	-	-	-	-	-	-
Benzo(k)fluoranthene	56	ND (0.036)	ND (0.037)	-	-	-	-	-	-	-	ND (0.035)	ND (0.039)	-	-	-	-	-	-	-
Biphenyl	NA	ND (0.36)	ND (0.37)	-	-	-	-	-	-	-	ND (0.35)	ND (0.39)	-	-	-	-	-	-	-
bis(2-Chloroethoxy)methane	NA	ND (0.36)	ND (0.37)	-	-	-	-	-	-	-	ND (0.35)	ND (0.39)	-	-	-	-	-	-	-
bis(2-Chloroethyl)ether	NA	ND (0.036)	ND (0.037)	-	-	-	-	-	-	-	ND (0.035)	ND (0.039)	-	-	-	-	-	-	-
bis(2-Ethylhexyl)phthalate	NA	ND (0.36)	ND (0.37)	-	-	-	-	-	-	-	ND (0.35)	ND (0.39)	-	-	-	-	-	-	-
Butyl benzylphthalate (BBP)	NA	ND (0.36)	ND (0.37)	-	-	-	-	-	-	-	ND (0.35)	ND (0.39)	-	-	-	-	-	-	-
Caprolactam	NA	ND (0.36) *	ND (0.37) *	-	-	-	-	-	-	-	ND (0.35) *	ND (0.39) *	-	-	-	-	-	-	-
Carbazole	NA	ND (0.36)	ND (0.37)	-	-	-	-	-	-	-	ND (0.35)	ND (0.39)	-	-	-	-	-	-	-
Chrysene	56	ND (0.36)	ND (0.37)	-	-	-	-	-	-	-	ND (0.35)	ND (0.39)	-	-	-	-	-	-	-
Dibenz(a,h)anthracene	0.56	ND (0.036)	ND (0.037)	-	-	-	-	-	-	-	ND (0.035)	ND (0.039)	-	-	-	-	-	-	-
Dibenzofuran	350	ND (0.36)	ND (0.37)	-	-	-	-	-	-	-	ND (0.35)	ND (0.39)	-	-	-	-	-	-	-
Diethyl phthalate	NA	ND (0.36)	ND (0.37)	-	-	-	-	-	-	-	ND (0.35)	ND (0.39)	-	-	-	-	-	-	-
Dimethyl phthalate	NA	ND (0.36)	ND (0.37)	-	-	-	-	-	-	-	ND (0.35)	ND (0.39)	-	-	-	-	-	-	-
Di-n-butylphthalate (DBP)	NA	ND (0.36)	ND (0.37)	-	-	-	-	-	-	-	ND (0.35)	ND (0.39)	-	-	-	-	-	-	-
Di-n-octyl phthalate (DnOP)	NA	ND (0.36)	ND (0.37)	-	-	-	-	-	-	-	ND (0.35)	ND (0.39)	-	-	-	-	-	-	-
Fluoranthene	500	ND (0.36)	ND (0.37)	-	-	-	-	-	-	-	ND (0.35)	ND (0.39)	-	-	-	-	-	-	-
Fluorene	500	ND (0.36)	ND (0.37)	-	-	-	-	-	-	-	ND (0.35)	ND (0.39)	-	-	-	-	-	-	-
Hexachlorobenzene	6	ND (0.036)	ND (0.037)	-	-	-	-	-	-	-	ND (0.035)	ND (0.039)	-	-	-	-	-	-	-
Hexachlorobutadiene	NA	ND (0.072)	ND (0.076)	-	-	-	-	-	-	-	ND (0.071)	ND (0.079)	-	-	-	-	-	-	-
Hexachlorocyclopentadiene	NA	ND (0.36)	ND (0.37)	-	-	-	-	-	-	-	ND (0.35)	ND (0.39)	-	-	-	-	-	-	-
Hexachloroethane	NA	ND (0.036)	ND (0.037)	-	-	-	-	-	-	-	ND (0.035)	ND (0.039)	-	-	-	-	-	-	-
Indeno(1,2,3-cd)pyrene	5.6	ND (0.036)	ND (0.037)	-	-	-	-	-	-	-	ND (0.035)	ND (0.039)	-	-	-	-	-	-	-
Isophorone	NA	ND (0.14)	ND (0.15)	-	-	-	-	-	-	-	ND (0.14)	ND (0.16)	-	-	-	-	-	-	-
Naphthalene	500	ND (0.36)	ND (0.37)	-	-	-	-	-	-	-	ND (0.35)	ND (0.39)	-	-	-	-	-	-	-
Nitrobenzene	NA	ND (0.036)	ND (0.037)	-	-	-	-	-	-	-	ND (0.035)	ND (0.039)	-	-	-	-	-	-	-
N-Nitrosodi-n-propylamine	NA	ND (0.036)	ND (0.037)	-	-	-	-	-	-	-	ND (0.035)	ND (0.039)	-	-	-	-	-	-	-
N-Nitrosodiphenylamine	NA	ND (0.36)	ND (0.37)	-	-	-	-	-	-	-	ND (0.35)	ND (0.39)	-	-	-	-	-	-	-
Pentachlorophenol	6.7	ND (0.29)	ND (0.3)	-	-	-	-	-	-	-	ND (0.28)	ND (0.32)	-	-	-	-	-	-	-
Phenanthrene	500	ND (0.36)	ND (0.37)	-	-	-	-	-	-	-	ND (0.35)	ND (0.39)	-	-	-	-	-	-	-
Phenol	500	ND (0.36)	ND (0.37)	-	-	-	-	-	-	-	ND (0.35)	ND (0.39)	-	-	-	-	-	-	-
Pyrene	500	ND (0.36)	ND (0.37)	-	-	-	-	-	-	-	ND (0.35)	ND (0.39)	-	-	-	-	-	-	-

TABLE 18
SUMMARY OF SOIL QUALITY DATA - BERM 53
FORMER PORT MOBIL TERMINAL
STATEN ISLAND, NEW YORK
FILE NO. 0208998

Location Name	Criteria	53A	53A	53A1	53A1	53A1	53A1	53A2	53A2	53A3	53B	53B	53B1	53B1	53B1	53B2	53B2	53B3	53B3
Sample Name	NY Part 375	53A_0-5	53A_5-10	53A1_2-3	53A1_4-5	53A1_7-8	53A1_8-9	53A2_5-6	53A2_9-10	53A3_0-1	53B_0-5	53B_5-10	53B1_2-3	53B1_5-6	53B1_7-8	53B2_4-5	53B2_6-7	53B3_1-2	53B3_9-10
Sample Date	Commercial	09/25/2025	09/25/2025	09/25/2025	09/25/2025	09/25/2025	09/25/2025	09/25/2025	09/25/2025	09/25/2025	09/25/2025	09/25/2025	09/25/2025	09/25/2025	09/25/2025	09/25/2025	09/25/2025	09/25/2025	09/25/2025
Lab Sample ID	Use	460-335747-1	460-335747-2	460-335747-23	460-335747-21	460-335747-17	460-335747-19	460-335747-20	460-335747-18	460-335747-22	460-335747-3	460-335747-4	460-335747-28	460-335747-25	460-335747-26	460-335747-24	460-335747-30	460-335747-29	460-335747-27
Sample Depth (bgs)	Soil Cleanup Objectives	0 - 5 (ft)	5 - 10 (ft)	2 - 3 (ft)	4 - 5 (ft)	7 - 8 (ft)	8 - 9 (ft)	5 - 6 (ft)	9 - 10 (ft)	0 - 1 (ft)	0 - 5 (ft)	5 - 10 (ft)	2 - 3 (ft)	5 - 6 (ft)	7 - 8 (ft)	4 - 5 (ft)	6 - 7 (ft)	1 - 2 (ft)	9 - 10 (ft)
PFAS (mg/kg)																			
11-Chloroeicosafluoro-3-Oxaundecane-1-Sulfonic Acid (11Cl-PF3OUdS)	NA	ND (0.0002)	ND (0.0002)	-	-	-	-	-	-	-	ND (0.0002)	ND (0.0002)	-	-	-	-	-	-	-
2H,2H,3H,3H-Perfluorooctanoic acid (5:3 FTCA)	NA	ND (0.001)	ND (0.00099)	-	-	-	-	-	-	-	ND (0.00099)	ND (0.00099)	-	-	-	-	-	-	-
3-(Perfluoroheptyl)propanoic acid (7:3 FTCA)	NA	0.00089 J	0.00098 J	-	-	-	-	-	-	-	0.00073 J	ND (0.00099)	-	-	-	-	-	-	-
3:3 Fluorotelomer carboxylic acid (3:3 FTCA)	NA	ND (0.0004)	ND (0.0004)	-	-	-	-	-	-	-	ND (0.0004)	ND (0.0004)	-	-	-	-	-	-	-
4,8-Dioxa-3H-Perfluorononanoic Acid (ADONA)	NA	ND (0.0002)	ND (0.0002)	-	-	-	-	-	-	-	ND (0.0002)	ND (0.0002)	-	-	-	-	-	-	-
4:2 Fluorotelomer sulfonic acid (4:2 FTS)	NA	ND (0.0004)	ND (0.0004)	-	-	-	-	-	-	-	ND (0.0004)	ND (0.0004)	-	-	-	-	-	-	-
6:2 Fluorotelomer sulfonic acid (6:2 FTS)	NA	0.0002 J	ND (0.0004)	-	-	-	-	-	-	-	0.0002 J	ND (0.0004)	-	-	-	-	-	-	-
8:2 Fluorotelomer sulfonic acid (8:2 FTS)	NA	0.00519	0.00186	-	-	-	-	-	-	-	0.00608	ND (0.0004)	-	-	-	-	-	-	-
9-Chlorohexadecafluoro-3-Oxanone-1-Sulfonic Acid (9Cl-PF3ONS)	NA	ND (0.0002)	ND (0.0002)	-	-	-	-	-	-	-	ND (0.0002)	ND (0.0002)	-	-	-	-	-	-	-
N-Ethyl Perfluorooctanesulfonamidoacetic Acid (NEtFOSAA)	NA	ND (0.0002)	ND (0.0002)	-	-	-	-	-	-	-	ND (0.0002)	ND (0.0002)	-	-	-	-	-	-	-
N-Ethylperfluorooctane sulfonamide (N-EtFOSA)	NA	ND (0.0002)	ND (0.0002)	-	-	-	-	-	-	-	ND (0.0002)	ND (0.0002)	-	-	-	-	-	-	-
N-Ethylperfluorooctane sulfonamidoethanol (N-EtFOSE)	NA	ND (0.001)	ND (0.00099)	-	-	-	-	-	-	-	ND (0.00099)	ND (0.00099)	-	-	-	-	-	-	-
N-Methyl Perfluorooctanesulfonamidoacetic Acid (NMeFOSAA)	NA	ND (0.0002)	ND (0.0002)	-	-	-	-	-	-	-	ND (0.0002)	ND (0.0002)	-	-	-	-	-	-	-
N-Methylperfluorooctane sulfonamide (N-MeFOSA)	NA	ND (0.0002)	ND (0.0002)	-	-	-	-	-	-	-	ND (0.0002)	ND (0.0002)	-	-	-	-	-	-	-
N-Methylperfluorooctane sulfonamidoethanol (N-MeFOSE)	NA	ND (0.001)	ND (0.00099)	-	-	-	-	-	-	-	ND (0.00099)	ND (0.00099)	-	-	-	-	-	-	-
Nonafluoro-3,6-dioxaheptanoic acid (NFDHA)	NA	ND (0.0002)	ND (0.0002)	-	-	-	-	-	-	-	ND (0.0002)	ND (0.0002)	-	-	-	-	-	-	-
Perfluoro(2-ethoxyethane) sulphonic acid (PFEESA)	NA	ND (0.0002)	ND (0.0002)	-	-	-	-	-	-	-	ND (0.0002)	ND (0.0002)	-	-	-	-	-	-	-
Perfluoro(4-methoxybutanoic) acid (PFMBA)	NA	ND (0.0002)	ND (0.0002)	-	-	-	-	-	-	-	ND (0.0002)	ND (0.0002)	-	-	-	-	-	-	-
Perfluoro-2-propoxypropanoic acid (PFPrOPrA)(GenX) (HFPO-DA)	NA	ND (0.0002)	ND (0.0002)	-	-	-	-	-	-	-	ND (0.0002)	ND (0.0002)	-	-	-	-	-	-	-
Perfluoro-3-methoxypropanoic acid (PFMPA)	NA	ND (0.0002)	ND (0.0002)	-	-	-	-	-	-	-	ND (0.0002)	ND (0.0002)	-	-	-	-	-	-	-
Perfluorobutanesulfonic acid (PFBS)	NA	ND (0.0002)	ND (0.0002)	-	-	-	-	-	-	-	ND (0.0002)	ND (0.0002)	-	-	-	-	-	-	-
Perfluorobutanoic acid (PFBA)	NA	ND (0.0004)	ND (0.0004)	-	-	-	-	-	-	-	ND (0.0004)	ND (0.0004)	-	-	-	-	-	-	-
Perfluorodecanesulfonic acid (PFDS)	NA	ND (0.0002)	ND (0.0002)	-	-	-	-	-	-	-	ND (0.0002)	ND (0.0002)	-	-	-	-	-	-	-
Perfluorodecanoic acid (PFDA)	NA	0.00103	0.00083	-	-	-	-	-	-	-	0.00081	0.00013 J	-	-	-	-	-	-	-
Perfluorododecane sulfonic acid (PFDoDS)	NA	ND (0.0002)	ND (0.0002)	-	-	-	-	-	-	-	ND (0.0002)	ND (0.0002)	-	-	-	-	-	-	-
Perfluorododecanoic acid (PFDoDA)	NA	0.00049	0.00052	-	-	-	-	-	-	-	0.00049	ND (0.0002)	-	-	-	-	-	-	-
Perfluoroheptanesulfonic acid (PFHpS)	NA	ND (0.0002)	ND (0.0002)	-	-	-	-	-	-	-	ND (0.0002)	ND (0.0002)	-	-	-	-	-	-	-
Perfluoroheptanoic acid (PFHpA)	NA	0.00025	0.00018 J	-	-	-	-	-	-	-	0.00021	ND (0.0002)	-	-	-	-	-	-	-
Perfluorohexanesulfonic acid (PFHxS)	NA	ND (0.0002)	ND (0.0002)	-	-	-	-	-	-	-	ND (0.0002)	ND (0.0002)	-	-	-	-	-	-	-
Perfluorohexanoic acid (PFHxA)	NA	0.0001 J	ND (0.0002)	-	-	-	-	-	-	-	ND (0.0002)	ND (0.0002)	-	-	-	-	-	-	-
Perfluorononane sulfonic acid (PFNS)	NA	ND (0.0002)	ND (0.0002)	-	-	-	-	-	-	-	ND (0.0002)	ND (0.0002)	-	-	-	-	-	-	-
Perfluorononanoic acid (PFNA)	NA	0.00123	0.00026	-	-	-	-	-	-	-	0.00043	ND (0.0002)	-	-	-	-	-	-	-
Perfluorooctane sulfonamide (PFOSA)	NA	ND (0.0002)	ND (0.0002)	-	-	-	-	-	-	-	ND (0.0002)	ND (0.0002)	-	-	-	-	-	-	-
Perfluorooctanesulfonic acid (PFOS)	0.44	ND (0.0002)	ND (0.0002)	-	-	-	-	-	-	-	ND (0.0002)	ND (0.0002)	-	-	-	-	-	-	-
Perfluorooctanoic acid (PFOA)	0.5	0.00035	0.00014 J	-	-	-	-	-	-	-	0.00025	ND (0.0002)	-	-	-	-	-	-	-
Perfluoropentanesulfonic acid (PFPeS)	NA	ND (0.0002)	ND (0.0002)	-	-	-	-	-	-	-	ND (0.0002)	ND (0.0002)	-	-	-	-	-	-	-
Perfluoropentanoic acid (PFPeA)	NA	ND (0.0002)	ND (0.0002)	-	-	-	-	-	-	-	ND (0.0002)	ND (0.0002)	-	-	-	-	-	-	-
Perfluorotetradecanoic acid (PFTeDA)	NA	0.00013 J	0.00019 J	-	-	-	-	-	-	-	0.00013 J	ND (0.0002)	-	-	-	-	-	-	-
Perfluorotridecanoic acid (PFTrDA)	NA	0.00433	0.00344	-	-	-	-	-	-	-	0.00182	0.00124	-	-	-	-	-	-	-
Perfluoroundecanoic acid (PFUnDA)	NA	0.00359	0.00345	-	-	-	-	-	-	-	0.00362	0.00236	-	-	-	-	-	-	-
Pesticides (mg/kg)																			
4,4'-DDD	92	ND (0.0073)	ND (0.0076)	-	-	-	-	-	-	-	ND (0.0072)	ND (0.008)	-	-	-	-	-	-	-
4,4'-DDE	62	ND (0.0073)	ND (0.0076)	-	-	-	-	-	-	-	ND (0.0072)	ND (0.008)	-	-	-	-	-	-	-
4,4'-DDT	47	0.0027 J	ND (0.0076)	-	-	-	-	-	-	-	0.0043 J	0.0028 J	-	-	-	-	-	-	-
Aldrin	0.68	ND (0.0073)	ND (0.0076)	-	-	-	-	-	-	-	ND (0.0072)	ND (0.008)	-	-	-	-	-	-	-
alpha-BHC	3.4	ND (0.0022)	ND (0.0023)	-	-	-	-	-	-	-	ND (0.0021)	ND (0.0024)	-	-	-	-	-	-	-
alpha-Chlordane (cis)	24	ND (0.0073)	ND (0.0076)	-	-	-	-	-	-	-	ND (0.0072)	ND (0.008)	-	-	-	-	-	-	-
beta-BHC	3	ND (0.0022)	ND (0.0023)	-	-	-	-	-	-	-	ND (0.0021)	ND (0.0024)	-	-	-	-	-	-	-
Chlordane	NA	ND (0.073)	ND (0.076)	-	-	-	-	-	-	-	ND (0.072)	ND (0.08)	-	-	-	-	-	-	-
delta-BHC	500	ND (0.0022)	ND (0.0023)	-	-	-	-	-	-	-	ND (0.0021)	ND (0.0024)	-	-	-	-	-	-	-
Dieldrin	1.4	ND (0.0022)	ND (0.0023)	-	-	-	-	-	-	-	ND (0.0021)	ND (0.0024)	-	-	-	-	-	-	-
Endosulfan I	200	ND (0.0073)	ND (0.0076)	-	-	-	-	-	-	-	ND (0.0072)	ND (0.008)	-	-	-	-	-	-	-
Endosulfan II	200	ND (0.0073)	ND (0.0076)	-	-	-	-	-	-	-	ND (0.0072)	ND (0.008)	-	-	-	-	-	-	-
Endosulfan sulfate	200	ND (0.0073)	ND (0.0076)	-	-	-	-	-	-	-	ND (0.0072)	ND (0.008)	-	-	-	-	-	-	-
Endrin	89	ND (0.0073)	ND (0.0076)	-	-	-	-	-	-	-	ND (0.0072)	ND (0.008)	-	-	-	-	-	-	-
Endrin aldehyde	NA	ND (0.0073)	ND (0.0076)	-	-	-	-	-	-	-	ND (0.0072)	ND (0.008)	-	-	-	-	-	-	-
Endrin ketone	NA	ND (0.0073)	ND (0.0076)	-	-	-	-	-	-	-	ND (0.0072)	ND (0.008)	-	-	-	-	-	-	-
gamma-BHC (Lindane)	9.2	ND (0.0022)	ND (0.0023)	-	-	-	-	-	-	-	ND (0.0021)	ND (0.0024)	-	-	-	-	-	-	-
Heptachlor	15	ND (0.0073)	ND (0.0076)	-	-	-	-	-	-	-	ND (0.0072)	ND (0.008)	-	-	-	-	-	-	-
Heptachlor epoxide	NA	ND (0.0073)	ND (0.0076)	-	-	-	-	-	-	-	ND (0.0072)	ND (0.008)	-	-	-	-	-	-	-
Methoxychlor	NA	ND (0.0073)	ND (0.0076)	-	-	-	-	-	-	-	ND (0.0072)	ND (0.008)	-	-	-	-	-	-	-
Toxaphene	NA	ND (0.073)	ND (0.076)	-	-	-	-	-	-	-	ND (0.072)	ND (0.08)	-	-	-	-	-	-	-

TABLE 18
SUMMARY OF SOIL QUALITY DATA - BERM 53
FORMER PORT MOBIL TERMINAL
STATEN ISLAND, NEW YORK
FILE NO. 0208998

	Criteria																		
Location Name	NY Part 375	53A	53A	53A1	53A1	53A1	53A1	53A2	53A2	53A3	53B	53B	53B1	53B1	53B1	53B2	53B2	53B3	53B3
Sample Name	Commercial	53A_0-5	53A_5-10	53A1_2-3	53A1_4-5	53A1_7-8	53A1_8-9	53A2_5-6	53A2_9-10	53A3_0-1	53B_0-5	53B_5-10	53B1_2-3	53B1_5-6	53B1_7-8	53B2_4-5	53B2_6-7	53B3_1-2	53B3_9-10
Sample Date	Use	09/25/2025	09/25/2025	09/25/2025	09/25/2025	09/25/2025	09/25/2025	09/25/2025	09/25/2025	09/25/2025	09/25/2025	09/25/2025	09/25/2025	09/25/2025	09/25/2025	09/25/2025	09/25/2025	09/25/2025	09/25/2025
Lab Sample ID	Soil Cleanup	460-335747-1	460-335747-2	460-335747-23	460-335747-21	460-335747-17	460-335747-19	460-335747-20	460-335747-18	460-335747-22	460-335747-3	460-335747-4	460-335747-28	460-335747-25	460-335747-26	460-335747-24	460-335747-30	460-335747-29	460-335747-27
Sample Depth (bgs)	Objectives	0 - 5 (ft)	5 - 10 (ft)	2 - 3 (ft)	4 - 5 (ft)	7 - 8 (ft)	8 - 9 (ft)	5 - 6 (ft)	9 - 10 (ft)	0 - 1 (ft)	0 - 5 (ft)	5 - 10 (ft)	2 - 3 (ft)	5 - 6 (ft)	7 - 8 (ft)	4 - 5 (ft)	6 - 7 (ft)	1 - 2 (ft)	9 - 10 (ft)
Polychlorinated Biphenyls (mg/kg)																			
Aroclor-1016 (PCB-1016)	NA	ND (0.073)	ND (0.076)	-	-	-	-	-	-	-	ND (0.072)	ND (0.08)	-	-	-	-	-	-	-
Aroclor-1221 (PCB-1221)	NA	ND (0.073)	ND (0.076)	-	-	-	-	-	-	-	ND (0.072)	ND (0.08)	-	-	-	-	-	-	-
Aroclor-1232 (PCB-1232)	NA	ND (0.073)	ND (0.076)	-	-	-	-	-	-	-	ND (0.072)	ND (0.08)	-	-	-	-	-	-	-
Aroclor-1242 (PCB-1242)	NA	ND (0.073)	ND (0.076)	-	-	-	-	-	-	-	ND (0.072)	ND (0.08)	-	-	-	-	-	-	-
Aroclor-1248 (PCB-1248)	NA	ND (0.073)	ND (0.076)	-	-	-	-	-	-	-	ND (0.072)	ND (0.08)	-	-	-	-	-	-	-
Aroclor-1254 (PCB-1254)	NA	ND (0.073)	ND (0.076)	-	-	-	-	-	-	-	ND (0.072)	ND (0.08)	-	-	-	-	-	-	-
Aroclor-1260 (PCB-1260)	NA	ND (0.073)	ND (0.076)	-	-	-	-	-	-	-	ND (0.072)	ND (0.08)	-	-	-	-	-	-	-
Aroclor-1262 (PCB-1262)	NA	ND (0.073)	ND (0.076)	-	-	-	-	-	-	-	ND (0.072)	ND (0.08)	-	-	-	-	-	-	-
Aroclor-1268 (PCB-1268)	NA	ND (0.073)	ND (0.076)	-	-	-	-	-	-	-	ND (0.072)	ND (0.08)	-	-	-	-	-	-	-
Total PCBs	1	ND (0.073)	ND (0.076)	-	-	-	-	-	-	-	ND (0.072)	ND (0.08)	-	-	-	-	-	-	-
Inorganic Compounds (mg/kg)																			
Aluminum	NA	8330	5520	-	-	-	-	-	-	-	12900	9640	-	-	-	-	-	-	-
Antimony	NA	0.71 J	0.4 J	-	-	-	-	-	-	-	0.76 J	0.53 J	-	-	-	-	-	-	-
Arsenic	16	7.7	6.3	-	-	-	-	-	-	-	7.1	6.3	-	-	-	-	-	-	-
Barium	400	81.2	43.2	-	-	-	-	-	-	-	171	105	-	-	-	-	-	-	-
Beryllium	590	0.67	0.5	-	-	-	-	-	-	-	1.1	0.76	-	-	-	-	-	-	-
Cadmium	9.3	0.55 J	0.27 J	-	-	-	-	-	-	-	1	0.52 J	-	-	-	-	-	-	-
Calcium	NA	2750	6480	-	-	-	-	-	-	-	4830	2390	-	-	-	-	-	-	-
Chromium	NA	23.3	14	-	-	-	-	-	-	-	37.6	24.4	-	-	-	-	-	-	-
Cobalt	NA	6.2	5.1	-	-	-	-	-	-	-	12.9	6.4	-	-	-	-	-	-	-
Copper	270	40.3	34.7	-	-	-	-	-	-	-	44.6	33.7	-	-	-	-	-	-	-
Iron	NA	21800	15900	-	-	-	-	-	-	-	29300	21500	-	-	-	-	-	-	-
Lead	1000	416	145	-	-	-	-	-	-	-	833	353	-	-	-	-	-	-	-
Magnesium	NA	2860	5050	-	-	-	-	-	-	-	3010	2450	-	-	-	-	-	-	-
Manganese	10000	197	217	-	-	-	-	-	-	-	212	169	-	-	-	-	-	-	-
Mercury	2.8	0.04	0.029	-	-	-	-	-	-	-	0.021	0.029	-	-	-	-	-	-	-
Nickel	310	14.9	12.2	-	-	-	-	-	-	-	21.5	15.9	-	-	-	-	-	-	-
Potassium	NA	1180	971	-	-	-	-	-	-	-	1640	1340	-	-	-	-	-	-	-
Selenium	1500	0.37 J	0.16 J	-	-	-	-	-	-	-	0.28 J	0.18 J	-	-	-	-	-	-	-
Silver	1500	0.31 J	0.28 J	-	-	-	-	-	-	-	0.19 J	0.15 J	-	-	-	-	-	-	-
Sodium	NA	174	106	-	-	-	-	-	-	-	403	223	-	-	-	-	-	-	-
Thallium	NA	0.098 J	0.074 J	-	-	-	-	-	-	-	0.15 J	0.11 J	-	-	-	-	-	-	-
Vanadium	NA	26.2	20.9	-	-	-	-	-	-	-	31.1	24.2	-	-	-	-	-	-	-
Zinc	10000	221	88.5	-	-	-	-	-	-	-	504	289	-	-	-	-	-	-	-

ABBREVIATIONS AND NOTES:

mg/kg: milligram per kilogram

**: LCS or LCSD is outside acceptance limits.*
-: Not Analyzed
B: Compound was found in the blank and the associated sample.
bgs: below ground surface
ft: feet
J: Value is estimated.
NA: Not Applicable
ND (2.5): Not detected, number in parentheses is the laboratory reporting limit

- For test methods used, see the laboratory data sheets.
- Soil analytical results are compared to the New York State Department of Environmental Conservation (NYSDEC) Title 6 of the Official Compilation of New York Codes, Rules, and Regulations (NYCRR) Part 375 Commercial Use Soil Cleanup Objectives (SCO).
- Grey shading indicates an exceedance of the Commercial Use Soil Cleanup Objectives.

TABLE 18
SUMMARY OF SOIL QUALITY DATA - BERM 53
FORMER PORT MOBIL TERMINAL
STATEN ISLAND, NEW YORK
FILE NO. 0208998

	Criteria																		
Location Name	NY Part 375	53C	53C	53C1	53C1	53C1	53C2	53C2	53C3	53C3	53D	53D	53D1	53D1	53D1	53D2	53D2	53D3	53D3
Sample Name	Commercial	53C_0-5	53C_5-10	53C1_1-2	53C1_7-8	53C1_9-10	53C2_4-5	53C2_5-6	53C3_2-3	53C3_8-9	53D_0-5	53D_5-10	53D1_0-1	53D1_5-6	53D1_6-7	53D2_3-4	53D2_4-5	53D3_2-3	53D3_7-8
Sample Date	Use	09/25/2025	09/25/2025	09/25/2025	09/25/2025	09/25/2025	09/25/2025	09/25/2025	09/25/2025	09/25/2025	09/25/2025	09/25/2025	09/25/2025	09/25/2025	09/25/2025	09/25/2025	09/25/2025	09/25/2025	09/25/2025
Lab Sample ID	Soil Cleanup	460-335747-5	460-335747-6	460-335747-31	460-335747-37	460-335747-32	460-335747-35	460-335747-34	460-335747-33	460-335747-36	460-335747-7	460-335747-8	460-335747-50	460-335747-54	460-335747-55	460-335747-51	460-335747-53	460-335747-52	460-335747-49
Sample Depth (bgs)	Objectives	0 - 5 (ft)	5 - 10 (ft)	1 - 2 (ft)	7 - 8 (ft)	9 - 10 (ft)	4 - 5 (ft)	5 - 6 (ft)	2 - 3 (ft)	8 - 9 (ft)	0 - 5 (ft)	5 - 10 (ft)	0 - 1 (ft)	5 - 6 (ft)	6 - 7 (ft)	3 - 4 (ft)	4 - 5 (ft)	2 - 3 (ft)	7 - 8 (ft)
Volatile Organic Compounds (mg/kg)																			
1,1,1-Trichloroethane	500	-	-	ND (0.0011)	ND (0.001)	ND (0.0011)	ND (0.001)	ND (0.0013)	ND (0.00091)	ND (0.0011)	-	-	ND (0.0011)	ND (0.0015)	ND (0.001)	ND (0.0014)	ND (0.0012)	ND (0.0011)	ND (0.0016)
1,1,2,2-Tetrachloroethane	NA	-	-	ND (0.0011)	ND (0.001)	ND (0.0011)	ND (0.001)	ND (0.0013)	ND (0.00091)	ND (0.0011)	-	-	ND (0.0011)	ND (0.0015)	ND (0.001)	ND (0.0014)	ND (0.0012)	ND (0.0011)	ND (0.0016)
1,1,2-Trichloroethane	NA	-	-	ND (0.0011)	ND (0.001)	ND (0.0011)	ND (0.001)	ND (0.0013)	ND (0.00091)	ND (0.0011)	-	-	ND (0.0011)	ND (0.0015)	ND (0.001)	ND (0.0014)	ND (0.0012)	ND (0.0011)	ND (0.0016)
1,1-Dichloroethane	240	-	-	ND (0.0011)	ND (0.001)	ND (0.0011)	ND (0.001)	ND (0.0013)	ND (0.00091)	ND (0.0011)	-	-	ND (0.0011)	ND (0.0015)	ND (0.001)	ND (0.0014)	ND (0.0012)	ND (0.0011)	ND (0.0016)
1,1-Dichloroethene	500	-	-	ND (0.0011)	ND (0.001)	ND (0.0011)	ND (0.001)	ND (0.0013)	ND (0.00091)	ND (0.0011)	-	-	ND (0.0011)	ND (0.0015)	ND (0.001)	ND (0.0014)	ND (0.0012)	ND (0.0011)	ND (0.0016)
1,2,3-Trichlorobenzene	NA	-	-	ND (0.0011)	ND (0.001)	ND (0.0011)	ND (0.001)	ND (0.0013)	ND (0.00091)	ND (0.0011)	-	-	ND (0.0011)	ND (0.0015)	ND (0.001)	ND (0.0014)	ND (0.0012)	ND (0.0011)	ND (0.0016)
1,2,4-Trichlorobenzene	NA	-	-	ND (0.0011)	ND (0.001)	ND (0.0011)	ND (0.001)	ND (0.0013)	ND (0.00091)	ND (0.0011)	-	-	ND (0.0011)	ND (0.0015)	ND (0.001)	ND (0.0014)	ND (0.0012)	ND (0.0011)	ND (0.0016)
1,2,4-Trimethylbenzene	190	-	-	ND (0.0011)	ND (0.001)	ND (0.0011)	ND (0.001)	ND (0.0013)	ND (0.00091)	ND (0.0011)	-	-	ND (0.0011)	ND (0.0015)	ND (0.001)	ND (0.0014)	ND (0.0012)	ND (0.0011)	ND (0.0016)
1,2-Dibromo-3-chloropropane (DBCP)	NA	-	-	ND (0.0011)	ND (0.001)	ND (0.0011)	ND (0.001)	ND (0.0013)	ND (0.00091)	ND (0.0011)	-	-	ND (0.0011)	ND (0.0015)	ND (0.001)	ND (0.0014)	ND (0.0012)	ND (0.0011)	ND (0.0016)
1,2-Dibromoethane (Ethylene Dibromide)	NA	-	-	ND (0.0011)	ND (0.001)	ND (0.0011)	ND (0.001)	ND (0.0013)	ND (0.00091)	ND (0.0011)	-	-	ND (0.0011)	ND (0.0015)	ND (0.001)	ND (0.0014)	ND (0.0012)	ND (0.0011)	ND (0.0016)
1,2-Dichlorobenzene	500	-	-	ND (0.0011)	ND (0.001)	ND (0.0011)	ND (0.001)	ND (0.0013)	ND (0.00091)	ND (0.0011)	-	-	ND (0.0011)	ND (0.0015)	ND (0.001)	ND (0.0014)	ND (0.0012)	ND (0.0011)	ND (0.0016)
1,2-Dichloroethane	30	-	-	ND (0.0011) *	ND (0.001) *	ND (0.0011) *	ND (0.001) *	ND (0.0013) *	ND (0.00091) *	ND (0.0011) *	-	-	ND (0.0011)	ND (0.0015)	ND (0.001)	ND (0.0014)	ND (0.0012)	ND (0.0011)	ND (0.0016)
1,2-Dichloropropane	NA	-	-	ND (0.0011)	ND (0.001)	ND (0.0011)	ND (0.001)	ND (0.0013)	ND (0.00091)	ND (0.0011)	-	-	ND (0.0011)	ND (0.0015)	ND (0.001)	ND (0.0014)	ND (0.0012)	ND (0.0011)	ND (0.0016)
1,3,5-Trimethylbenzene	190	-	-	ND (0.0011)	ND (0.001)	ND (0.0011)	ND (0.001)	ND (0.0013)	ND (0.00091)	ND (0.0011)	-	-	ND (0.0011)	ND (0.0015)	ND (0.001)	ND (0.0014)	ND (0.0012)	ND (0.0011)	ND (0.0016)
1,3-Dichlorobenzene	280	-	-	ND (0.0011)	ND (0.001)	ND (0.0011)	ND (0.001)	ND (0.0013)	ND (0.00091)	ND (0.0011)	-	-	ND (0.0011)	ND (0.0015)	ND (0.001)	ND (0.0014)	ND (0.0012)	ND (0.0011)	ND (0.0016)
1,4-Dichlorobenzene	130	-	-	ND (0.0011)	ND (0.001)	ND (0.0011)	ND (0.001)	ND (0.0013)	ND (0.00091)	ND (0.0011)	-	-	ND (0.0011)	ND (0.0015)	ND (0.001)	ND (0.0014)	ND (0.0012)	ND (0.0011)	ND (0.0016)
2-Butanone (Methyl Ethyl Ketone)	500	-	-	ND (0.0054)	ND (0.0052)	ND (0.0054)	ND (0.0052)	ND (0.0064)	ND (0.0046)	ND (0.0057)	-	-	ND (0.0054)	ND (0.0075)	ND (0.0052)	ND (0.0068)	ND (0.0059)	ND (0.0057)	ND (0.0081)
2-Hexanone (Methyl Butyl Ketone)	NA	-	-	ND (0.0054) *	ND (0.0052) *	ND (0.0054) *	ND (0.0052) *	ND (0.0064) *	ND (0.0046) *	ND (0.0057) *	-	-	ND (0.0054)	ND (0.0075)	ND (0.0052)	ND (0.0068)	ND (0.0059)	ND (0.0057)	ND (0.0081)
2-Phenylbutane (sec-Butylbenzene)	500	-	-	ND (0.0011)	ND (0.001)	ND (0.0011)	ND (0.001)	ND (0.0013)	ND (0.00091)	ND (0.0011)	-	-	ND (0.0011)	ND (0.0015)	ND (0.001)	ND (0.0014)	ND (0.0012)	ND (0.0011)	ND (0.0016)
4-Methyl-2-Pentanone (Methyl Isobutyl Ketone)	NA	-	-	ND (0.0054) *	ND (0.0052) *	ND (0.0054) *	ND (0.0052) *	ND (0.0064) *	ND (0.0046) *	ND (0.0057) *	-	-	ND (0.0054)	ND (0.0075)	ND (0.0052)	ND (0.0068)	ND (0.0059)	ND (0.0057)	ND (0.0081)
Acetone	500	-	-	ND (0.0065)	ND (0.0063)	ND (0.0065)	ND (0.0063)	ND (0.0077)	ND (0.0055)	ND (0.0068)	-	-	ND (0.0064)	ND (0.009)	0.0068	ND (0.0082)	ND (0.007)	ND (0.0069)	ND (0.0097)
Benzene	44	-	-	ND (0.0011)	ND (0.001)	ND (0.0011)	ND (0.001)	ND (0.0013)	ND (0.00091)	ND (0.0011)	-	-	ND (0.0011)	ND (0.0015)	ND (0.001)	ND (0.0014)	ND (0.0012)	ND (0.0011)	ND (0.0016)
Bromodichloromethane	NA	-	-	ND (0.0011)	ND (0.001)	ND (0.0011)	ND (0.001)	ND (0.0013)	ND (0.00091)	ND (0.0011)	-	-	ND (0.0011)	ND (0.0015)	ND (0.001)	ND (0.0014)	ND (0.0012)	ND (0.0011)	ND (0.0016)
Bromoform	NA	-	-	ND (0.0011)	ND (0.001)	ND (0.0011)	ND (0.001)	ND (0.0013)	ND (0.00091)	ND (0.0011)	-	-	ND (0.0011) *	ND (0.0015)	ND (0.001)	ND (0.0014) *	ND (0.0012)	ND (0.0011)	ND (0.0016) *
Bromomethane (Methyl Bromide)	NA	-	-	ND (0.0022)	ND (0.0021)	ND (0.0022)	ND (0.0021)	ND (0.0026)	ND (0.0018)	ND (0.0023)	-	-	ND (0.0021)	ND (0.003)	ND (0.0021)	ND (0.0027)	ND (0.0023)	ND (0.0023)	ND (0.0032)
Carbon disulfide	NA	-	-	ND (0.0011)	ND (0.001)	ND (0.0011)	ND (0.001)	ND (0.0013)	ND (0.00091)	ND (0.0011)	-	-	ND (0.0011)	ND (0.0015)	ND (0.001)	ND (0.0014)	ND (0.0012)	ND (0.0011)	ND (0.0016)
Carbon tetrachloride	22	-	-	ND (0.0011)	ND (0.001)	ND (0.0011)	ND (0.001)	ND (0.0013)	ND (0.00091)	ND (0.0011)	-	-	ND (0.0011)	ND (0.0015)	ND (0.001)	ND (0.0014)	ND (0.0012)	ND (0.0011)	ND (0.0016)
Chlorobenzene	500	-	-	ND (0.0011)	ND (0.001)	ND (0.0011)	ND (0.001)	ND (0.0013)	ND (0.00091)	ND (0.0011)	-	-	ND (0.0011)	ND (0.0015)	ND (0.001)	ND (0.0014)	ND (0.0012)	ND (0.0011)	ND (0.0016)
Chlorobromomethane	NA	-	-	ND (0.0011)	ND (0.001)	ND (0.0011)	ND (0.001)	ND (0.0013)	ND (0.00091)	ND (0.0011)	-	-	ND (0.0011)	ND (0.0015)	ND (0.001)	ND (0.0014)	ND (0.0012)	ND (0.0011)	ND (0.0016)
Chloroethane	NA	-	-	ND (0.0011)	ND (0.001)	ND (0.0011)	ND (0.001)	ND (0.0013)	ND (0.00091)	ND (0.0011)	-	-	ND (0.0011)	ND (0.0015)	ND (0.001)	ND (0.0014)	ND (0.0012)	ND (0.0011)	ND (0.0016)
Chloroform (Trichloromethane)	350	-	-	ND (0.0011)	ND (0.001)	ND (0.0011)	ND (0.001)	ND (0.0013)	ND (0.00091)	ND (0.0011)	-	-	ND (0.0011)	ND (0.0015)	ND (0.001)	ND (0.0014)	ND (0.0012)	ND (0.0011)	ND (0.0016)
Chloromethane (Methyl Chloride)	NA	-	-	ND (0.0011)	ND (0.001)	ND (0.0011)	ND (0.001)	ND (0.0013)	ND (0.00091)	ND (0.0011)	-	-	ND (0.0011)	ND (0.0015)	ND (0.001)	ND (0.0014)	ND (0.0012)	ND (0.0011)	ND (0.0016)
cis-1,2-Dichloroethene	500	-	-	ND (0.0011)	ND (0.001)	ND (0.0011)	ND (0.001)	ND (0.0013)	ND (0.00091)	ND (0.0011)	-	-	ND (0.0011)	ND (0.0015)	ND (0.001)	ND (0.0014)	ND (0.0012)	ND (0.0011)	ND (0.0016)
cis-1,3-Dichloropropene	NA	-	-	ND (0.0011)	ND (0.001)	ND (0.0011)	ND (0.001)	ND (0.0013)	ND (0.00091)	ND (0.0011)	-	-	ND (0.0011)	ND (0.0015)	ND (0.001)	ND (0.0014)	ND (0.0012)	ND (0.0011)	ND (0.0016)
Cyclohexane	NA	-	-	ND (0.0011)	ND (0.001)	ND (0.0011)	ND (0.001)	ND (0.0013)	ND (0.00091)	ND (0.0011)	-	-	ND (0.0011)	ND (0.0015)	ND (0.001)	ND (0.0014)	ND (0.0012)	ND (0.0011)	ND (0.0016)
Dibromochloromethane	NA	-	-	ND (0.0011)	ND (0.001)	ND (0.0011)	ND (0.001)	ND (0.0013)	ND (0.00091)	ND (0.0011)	-	-	ND (0.0011) *	ND (0.0015)	ND (0.001)	ND (0.0014) *	ND (0.0012)	ND (0.0011)	ND (0.0016) *
Dichlorodifluoromethane (CFC-12)	NA	-	-	ND (0.0011)	ND (0.001)	ND (0.0011)	ND (0.001)	ND (0.0013)	ND (0.00091)	ND (0.0011)	-	-	ND (0.0011)	ND (0.0015)	ND (0.001)	ND (0.0014)	ND (0.0012)	ND (0.0011)	ND (0.0016)
Ethylbenzene	390	-	-	ND (0.0011)	ND (0.001)	ND (0.0011)	ND (0.001)	ND (0.0013)	ND (0.00091)	ND (0.0011)	-	-	ND (0.0011)	ND (0.0015)	ND (0.001)	ND (0.0014)	ND (0.0012)	ND (0.0011)	ND (0.0016)
Isopropylbenzene (Cumene)	NA	-	-	ND (0.0011)	ND (0.001)	ND (0.0011)	ND (0.001)	ND (0.0013)	ND (0.00091)	ND (0.0011)	-	-	ND (0.0011)	ND (0.0015)	ND (0.001)	ND (0.0014)	ND (0.0012)	ND (0.0011)	ND (0.0016)
m,p-Xylenes	NA	-	-	ND (0.0011)	ND (0.001)	ND (0.0011)	ND (0.001)	ND (0.0013)	ND (0.00091)	ND (0.0011)	-	-	ND (0.0011)	ND (0.0015)	ND (0.001)	ND (0.0014)	ND (0.0012)	ND (0.0011)	ND (0.0016)
Methyl acetate	NA	-	-	ND (0.0054)	ND (0.0052)	ND (0.0054)	ND (0.0052)	ND (0.0064)	ND (0.0046)	ND (0.0057)	-	-	ND (0.0054) *	ND (0.0075)	ND (0.0052)	ND (0.0068) *	ND (0.0059)	ND (0.0057)	ND (0.0081) *
Methyl Tert Butyl Ether (MTBE)	500	-	-	ND (0.0011)	ND (0.001)	ND (0.0011)	ND (0.001)	ND (0.0013)	ND (0.00091)	ND (0.0011)	-	-	ND (0.0011)	ND (0.0015)	ND (0.001)	ND (0.0014)	ND (0.0012)	ND (0.0011)	ND (0.0016)
Methylcyclohexane	NA	-	-	ND (0.0011)	ND (0.001)	ND (0.0011)	ND (0.001)	ND (0.0013)	ND (0.00091)	ND (0.0011)	-	-	ND (0.0011)	ND (0.0015)	ND (0.001)	ND (0.0014)	ND (0.0012)	ND (0.0011)	ND (0.0016)
Methylene chloride (Dichloromethane)	500	-	-	0.004	0.0036	0.0015 J	0.0028	0.0026	ND (0.0018)	0.0038	-	-	0.0017 J	0.0036	0.0032	0.0031	0.0032	0.0041	0.0042
n-Butylbenzene	500	-	-	ND (0.0011)	ND (0.001)	ND (0.0011)	ND (0.001)	ND (0.0013)	ND (0.00091)	ND (0.0011)	-	-	ND (0.0011)	ND (0.0015)	ND (0.001)	ND (0.0014)	ND (0.0012)	ND (0.0011)	ND (0.0016)
n-Propylbenzene	500	-	-	ND (0.0011)	ND (0.001)	ND (0.0011)	ND (0.001)	ND (0.0013)	ND (0.00091)	ND (0.0011)	-	-	ND (0.0011)	ND (0.0015)	ND (0.001)	ND (0.0014)	ND (0.0012)	ND (0.0011)	ND (0.0016)
o-Xylene	NA	-	-	ND (0.0011)	ND (0.001)	ND (0.0011)	ND (0.001)	ND (0.0013)	ND (0.00091)	ND (0.0011)	-	-	ND (0.0011)	ND (0.0015)	ND (0.001)	ND (0.0014)	ND (0.0012)	ND (0.0011)	ND (0.0016)
Styrene	NA	-	-	ND (0.0011)	ND (0.001)	ND (0.0011)	ND (0.001)	ND (0.0013)	ND (0.00091)	ND (0.0011)	-	-	ND (0.0011)	ND (0.0015)	ND (0.001)	ND (0.0014)	ND (0.0012)	ND (0.0011)	ND (0.0016)
tert-Butylbenzene	500	-	-	ND (0.0011)	ND (0.001)	ND (0.0011)	ND (0.001)	ND (0.0013)	ND (0.00091)	ND (0.0011)	-	-	ND (0.0011)	ND (0.0015)	ND (0.001)	ND (0.0014)	ND (0.0012)	ND (0.0011)	ND (0.0016)
Tetrachloroethene	150	-	-	ND (0.0011)	ND (0.001)	ND (0.0011)	ND (0.001)	ND (0.0013)	ND (0.00091)	ND (0.0011)	-	-	ND (0.0011)	ND (0.0015)	ND (0.001)	ND (0.0014)	ND (0.0012)	ND (0.0011)	ND (0.0016)
Toluene	500	-	-	ND (0.0011)	ND (0.001)	ND (0.0011)	ND (0.001)	ND (0.0013)	ND (0.00091)	ND (0.0011)	-	-	ND (0.0011)	ND (0.0015)	ND (0.001)	ND (0.0014)	ND (0.0012)	ND (0.0011)	ND (0.0016)
trans-1,2-Dichloroethene	500	-	-	ND (0.0011)	ND (0.001)	ND (0.0011)	ND (0.001)	ND (0.0013)	ND (0.00091)	ND (0.0011)	-	-	ND (0.0011)	ND (0.0015)	ND (0.001)	ND (0.0014)	ND (0.0012)	ND (0.0011)	ND (0.0016)
trans-1,3-Dichloropropene	NA	-	-	ND (0.0011)	ND (0.001)	ND (0.0011)	ND (0.001)	ND (0.0013)	ND (0.00091)	ND (0.0011)	-	-	ND (0.0011)	ND (0.0015)	ND (0.001)	ND (0.0014)	ND (0.0012)	ND (0.0011)	ND (0.0016)
Trichloroethene	200	-	-	ND (0.0011)	ND (0.001)	ND (0.0011)	ND (0.001)	ND (0.0013)	ND (0.00091)	ND (0.0011)	-	-	ND (0.0011)	ND (0.0015)	ND (0.001)	ND (0.0014)	ND (0.0012)	ND (0.0011)	ND (0.0016)
Trichlorofluoromethane (CFC-11)	NA	-	-	ND (0.0011)	ND (0.001)	ND (0.0011)	ND (0.001)	ND (0.0013)	ND (0.00091)	ND (0.0011)	-	-	ND (0.0011)	ND (0.0015)	ND (0.001)	ND (0.0014)	ND (0.0012)	ND (0.0011)	ND (0.0016)
Trifluorotrichloroethane (Freon 113)	NA	-	-	ND (0.0011) *	ND (0.001) *	ND (0.0011) *	ND (0.001) *	ND (0.0013) *	ND (0.00091) *	ND (0.0011) *	-	-	ND (0.0011)	ND (0.0015)	ND (0.001)	ND (0.0014)	ND (0.0012)	ND (0.0011)	ND (0.0016)
Vinyl chloride	13	-	-	ND (0.0011)	ND (0.001)	ND (0.0011)	ND (0.001)	ND (0.0013)	ND (0.00091)	ND (0.0011)	-	-	ND (0.0011)	ND (0.0015)	ND (0.001)	ND (0.0014)	ND (0.0012)	ND (0.0011)	ND (0.0016)
Xylene (Total)	500	-	-	ND (0.0022)	ND (0.0021)	ND (0.0022)	ND (0.0021)	ND (0.0026)	ND (0.0018)	ND (0.0023)	-	-	ND (0.0021)	ND (0.003)	ND (0.0021)	ND (0.0027)	ND (0.0023)	ND (0.0023)	ND (0.0032)

TABLE 18
SUMMARY OF SOIL QUALITY DATA - BERM 53
FORMER PORT MOBIL TERMINAL
STATEN ISLAND, NEW YORK
FILE NO. 0208998

	Criteria																		
Location Name	NY Part 375	53C	53C	53C1	53C1	53C1	53C2	53C2	53C3	53C3	53D	53D	53D1	53D1	53D1	53D2	53D2	53D3	53D3
Sample Name	Commercial	53C_0-5	53C_5-10	53C1_1-2	53C1_7-8	53C1_9-10	53C2_4-5	53C2_5-6	53C3_2-3	53C3_8-9	53D_0-5	53D_5-10	53D1_0-1	53D1_5-6	53D1_6-7	53D2_3-4	53D2_4-5	53D3_2-3	53D3_7-8
Sample Date	Use	09/25/2025	09/25/2025	09/25/2025	09/25/2025	09/25/2025	09/25/2025	09/25/2025	09/25/2025	09/25/2025	09/25/2025	09/25/2025	09/25/2025	09/25/2025	09/25/2025	09/25/2025	09/25/2025	09/25/2025	09/25/2025
Lab Sample ID	Soil Cleanup	460-335747-5	460-335747-6	460-335747-31	460-335747-37	460-335747-32	460-335747-35	460-335747-34	460-335747-33	460-335747-36	460-335747-7	460-335747-8	460-335747-50	460-335747-54	460-335747-55	460-335747-51	460-335747-53	460-335747-52	460-335747-49
Sample Depth (bgs)	Objectives	0 - 5 (ft)	5 - 10 (ft)	1 - 2 (ft)	7 - 8 (ft)	9 - 10 (ft)	4 - 5 (ft)	5 - 6 (ft)	2 - 3 (ft)	8 - 9 (ft)	0 - 5 (ft)	5 - 10 (ft)	0 - 1 (ft)	5 - 6 (ft)	6 - 7 (ft)	3 - 4 (ft)	4 - 5 (ft)	2 - 3 (ft)	7 - 8 (ft)
Semi-Volatile Organic Compounds (mg/kg)																			
1,2,4,5-Tetrachlorobenzene	NA	ND (0.36)	ND (0.35)	-	-	-	-	-	-	-	ND (0.36)	ND (0.37)	-	-	-	-	-	-	-
1,4-Dioxane	130	ND (0.036)	ND (0.035)	-	-	-	-	-	-	-	ND (0.036)	ND (0.037)	-	-	-	-	-	-	-
2,2'-oxybis(1-Chloropropane)	NA	ND (0.36)	ND (0.35)	-	-	-	-	-	-	-	ND (0.36)	ND (0.37)	-	-	-	-	-	-	-
2,3,4,6-Tetrachlorophenol	NA	ND (0.36)	ND (0.35)	-	-	-	-	-	-	-	ND (0.36)	ND (0.37)	-	-	-	-	-	-	-
2,4,5-Trichlorophenol	NA	ND (0.36)	ND (0.35)	-	-	-	-	-	-	-	ND (0.36)	ND (0.37)	-	-	-	-	-	-	-
2,4,6-Trichlorophenol	NA	ND (0.14)	ND (0.14)	-	-	-	-	-	-	-	ND (0.14)	ND (0.15)	-	-	-	-	-	-	-
2,4-Dichlorophenol	NA	ND (0.14)	ND (0.14)	-	-	-	-	-	-	-	ND (0.14)	ND (0.15)	-	-	-	-	-	-	-
2,4-Dimethylphenol	NA	ND (0.36)	ND (0.35)	-	-	-	-	-	-	-	ND (0.36)	ND (0.37)	-	-	-	-	-	-	-
2,4-Dinitrophenol	NA	ND (0.29)	ND (0.28)	-	-	-	-	-	-	-	ND (0.29)	ND (0.3)	-	-	-	-	-	-	-
2,4-Dinitrotoluene	NA	ND (0.073)	ND (0.072)	-	-	-	-	-	-	-	ND (0.073)	ND (0.075)	-	-	-	-	-	-	-
2,6-Dinitrotoluene	NA	ND (0.073)	ND (0.072)	-	-	-	-	-	-	-	ND (0.073)	ND (0.075)	-	-	-	-	-	-	-
2-Chloronaphthalene	NA	ND (0.36)	ND (0.35)	-	-	-	-	-	-	-	ND (0.36)	ND (0.37)	-	-	-	-	-	-	-
2-Chlorophenol	NA	ND (0.36)	ND (0.35)	-	-	-	-	-	-	-	ND (0.36)	ND (0.37)	-	-	-	-	-	-	-
2-Methylnaphthalene	NA	ND (0.36)	ND (0.35)	-	-	-	-	-	-	-	ND (0.36)	ND (0.37)	-	-	-	-	-	-	-
2-Methylphenol (o-Cresol)	500	ND (0.36)	ND (0.35)	-	-	-	-	-	-	-	ND (0.36)	ND (0.37)	-	-	-	-	-	-	-
2-Nitroaniline	NA	ND (0.36)	ND (0.35)	-	-	-	-	-	-	-	ND (0.36)	ND (0.37)	-	-	-	-	-	-	-
2-Nitrophenol	NA	ND (0.36)	ND (0.35)	-	-	-	-	-	-	-	ND (0.36)	ND (0.37)	-	-	-	-	-	-	-
3&4-Methylphenol	NA	ND (0.36)	ND (0.35)	-	-	-	-	-	-	-	ND (0.36)	ND (0.37)	-	-	-	-	-	-	-
3,3'-Dichlorobenzidine	NA	ND (0.14)	ND (0.14)	-	-	-	-	-	-	-	ND (0.14)	ND (0.15)	-	-	-	-	-	-	-
3-Nitroaniline	NA	ND (0.36)	ND (0.35)	-	-	-	-	-	-	-	ND (0.36)	ND (0.37)	-	-	-	-	-	-	-
4,6-Dinitro-2-methylphenol	NA	ND (0.29)	ND (0.28)	-	-	-	-	-	-	-	ND (0.29)	ND (0.3)	-	-	-	-	-	-	-
4-Bromophenyl phenyl ether (BDE-3)	NA	ND (0.36)	ND (0.35)	-	-	-	-	-	-	-	ND (0.36)	ND (0.37)	-	-	-	-	-	-	-
4-Chloro-3-methylphenol	NA	ND (0.36)	ND (0.35)	-	-	-	-	-	-	-	ND (0.36)	ND (0.37)	-	-	-	-	-	-	-
4-Chloroaniline	NA	ND (0.36)	ND (0.35)	-	-	-	-	-	-	-	ND (0.36)	ND (0.37)	-	-	-	-	-	-	-
4-Chlorophenyl phenyl ether	NA	ND (0.36)	ND (0.35)	-	-	-	-	-	-	-	ND (0.36)	ND (0.37)	-	-	-	-	-	-	-
4-Methylphenol	500	ND (0.36)	ND (0.35)	-	-	-	-	-	-	-	ND (0.36)	ND (0.37)	-	-	-	-	-	-	-
4-Nitroaniline	NA	ND (0.36)	ND (0.35)	-	-	-	-	-	-	-	ND (0.36)	ND (0.37)	-	-	-	-	-	-	-
4-Nitrophenol	NA	ND (0.73)	ND (0.72)	-	-	-	-	-	-	-	ND (0.73)	ND (0.75)	-	-	-	-	-	-	-
Acenaphthene	500	ND (0.36)	ND (0.35)	-	-	-	-	-	-	-	ND (0.36)	ND (0.37)	-	-	-	-	-	-	-
Acenaphthylene	500	ND (0.36)	ND (0.35)	-	-	-	-	-	-	-	ND (0.36)	ND (0.37)	-	-	-	-	-	-	-
Acetophenone	NA	ND (0.36)	ND (0.35)	-	-	-	-	-	-	-	ND (0.36)	ND (0.37)	-	-	-	-	-	-	-
Anthracene	500	ND (0.36)	ND (0.35)	-	-	-	-	-	-	-	ND (0.36)	ND (0.37)	-	-	-	-	-	-	-
Atrazine	NA	ND (0.14) *	ND (0.14) *	-	-	-	-	-	-	-	ND (0.14) *	ND (0.15) *	-	-	-	-	-	-	-
Benzaldehyde	NA	ND (0.36)	ND (0.35)	-	-	-	-	-	-	-	ND (0.36)	ND (0.37)	-	-	-	-	-	-	-
Benzo(a)anthracene	5.6	ND (0.036)	ND (0.035)	-	-	-	-	-	-	-	ND (0.036)	ND (0.037)	-	-	-	-	-	-	-
Benzo(a)pyrene	1	ND (0.036)	ND (0.035)	-	-	-	-	-	-	-	ND (0.036)	ND (0.037)	-	-	-	-	-	-	-
Benzo(b)fluoranthene	5.6	ND (0.036)	ND (0.035)	-	-	-	-	-	-	-	ND (0.036)	ND (0.037)	-	-	-	-	-	-	-
Benzo(g,h,i)perylene	500	ND (0.36)	ND (0.35)	-	-	-	-	-	-	-	ND (0.36)	ND (0.37)	-	-	-	-	-	-	-
Benzo(k)fluoranthene	56	ND (0.036)	ND (0.035)	-	-	-	-	-	-	-	ND (0.036)	ND (0.037)	-	-	-	-	-	-	-
Biphenyl	NA	ND (0.36)	ND (0.35)	-	-	-	-	-	-	-	ND (0.36)	ND (0.37)	-	-	-	-	-	-	-
bis(2-Chloroethoxy)methane	NA	ND (0.36)	ND (0.35)	-	-	-	-	-	-	-	ND (0.36)	ND (0.37)	-	-	-	-	-	-	-
bis(2-Chloroethyl)ether	NA	ND (0.036)	ND (0.035)	-	-	-	-	-	-	-	ND (0.036)	ND (0.037)	-	-	-	-	-	-	-
bis(2-Ethylhexyl)phthalate	NA	ND (0.36)	ND (0.35)	-	-	-	-	-	-	-	ND (0.36)	ND (0.37)	-	-	-	-	-	-	-
Butyl benzylphthalate (BBP)	NA	ND (0.36)	ND (0.35)	-	-	-	-	-	-	-	ND (0.36)	ND (0.37)	-	-	-	-	-	-	-
Caprolactam	NA	ND (0.36) *	ND (0.35) *	-	-	-	-	-	-	-	ND (0.36) *	ND (0.37) *	-	-	-	-	-	-	-
Carbazole	NA	ND (0.36)	ND (0.35)	-	-	-	-	-	-	-	ND (0.36)	ND (0.37)	-	-	-	-	-	-	-
Chrysene	56	ND (0.36)	ND (0.35)	-	-	-	-	-	-	-	ND (0.36)	ND (0.37)	-	-	-	-	-	-	-
Dibenz(a,h)anthracene	0.56	ND (0.036)	ND (0.035)	-	-	-	-	-	-	-	ND (0.036)	ND (0.037)	-	-	-	-	-	-	-
Dibenzofuran	350	ND (0.36)	ND (0.35)	-	-	-	-	-	-	-	ND (0.36)	ND (0.37)	-	-	-	-	-	-	-
Diethyl phthalate	NA	ND (0.36)	ND (0.35)	-	-	-	-	-	-	-	ND (0.36)	ND (0.37)	-	-	-	-	-	-	-
Dimethyl phthalate	NA	ND (0.36)	ND (0.35)	-	-	-	-	-	-	-	ND (0.36)	ND (0.37)	-	-	-	-	-	-	-
Di-n-butylphthalate (DBP)	NA	ND (0.36)	ND (0.35)	-	-	-	-	-	-	-	ND (0.36)	ND (0.37)	-	-	-	-	-	-	-
Di-n-octyl phthalate (DnOP)	NA	ND (0.36)	ND (0.35)	-	-	-	-	-	-	-	ND (0.36)	ND (0.37)	-	-	-	-	-	-	-
Fluoranthene	500	ND (0.36)	ND (0.35)	-	-	-	-	-	-	-	ND (0.36)	ND (0.37)	-	-	-	-	-	-	-
Fluorene	500	ND (0.36)	ND (0.35)	-	-	-	-	-	-	-	ND (0.36)	ND (0.37)	-	-	-	-	-	-	-
Hexachlorobenzene	6	ND (0.036)	ND (0.035)	-	-	-	-	-	-	-	ND (0.036)	ND (0.037)	-	-	-	-	-	-	-
Hexachlorobutadiene	NA	ND (0.073)	ND (0.072)	-	-	-	-	-	-	-	ND (0.073)	ND (0.075)	-	-	-	-	-	-	-
Hexachlorocyclopentadiene	NA	ND (0.36)	ND (0.35)	-	-	-	-	-	-	-	ND (0.36)	ND (0.37)	-	-	-	-	-	-	-
Hexachloroethane	NA	ND (0.036)	ND (0.035)	-	-	-	-	-	-	-	ND (0.036)	ND (0.037)	-	-	-	-	-	-	-
Indeno(1,2,3-cd)pyrene	5.6	ND (0.036)	ND (0.035)	-	-	-	-	-	-	-	ND (0.036)	ND (0.037)	-	-	-	-	-	-	-
Isophorone	NA	ND (0.14)	ND (0.14)	-	-	-	-	-	-	-	ND (0.14)	ND (0.15)	-	-	-	-	-	-	-
Naphthalene	500	ND (0.36)	ND (0.35)	-	-	-	-	-	-	-	ND (0.36)	ND (0.37)	-	-	-	-	-	-	-
Nitrobenzene	NA	ND (0.036)	ND (0.035)	-	-	-	-	-	-	-	ND (0.036)	ND (0.037)	-	-	-	-	-	-	-
N-Nitrosodi-n-propylamine	NA	ND (0.036)	ND (0.035)	-	-	-	-	-	-	-	ND (0.036)	ND (0.037)	-	-	-	-	-	-	-
N-Nitrosodiphenylamine	NA	ND (0.36)	ND (0.35)	-	-	-	-	-	-	-	ND (0.36)	ND (0.37)	-	-	-	-	-	-	-
Pentachlorophenol	6.7	ND (0.29)	ND (0.28)	-	-	-	-	-	-	-	ND (0.29)	ND (0.3)	-	-	-	-	-	-	-
Phenanthrene	500	ND (0.36)	ND (0.35)	-	-	-	-	-	-	-	ND (0.36)	ND (0.37)	-	-	-	-	-	-	-
Phenol	500	ND (0.36)	ND (0.35)	-	-	-	-	-	-	-	ND (0.36)	ND (0.37)	-	-	-	-	-	-	-
Pyrene	500	ND (0.36)	ND (0.35)	-	-	-	-	-	-	-	ND (0.36)	ND (0.37)	-	-	-	-	-	-	-

TABLE 18
SUMMARY OF SOIL QUALITY DATA - BERM 53
FORMER PORT MOBIL TERMINAL
STATEN ISLAND, NEW YORK
FILE NO. 0208998

Location Name	Criteria	53C	53C	53C1	53C1	53C1	53C2	53C2	53C3	53C3	53D	53D	53D1	53D1	53D1	53D2	53D2	53D3	53D3
Sample Name	NY Part 375	53C_0-5	53C_5-10	53C1_1-2	53C1_7-8	53C1_9-10	53C2_4-5	53C2_5-6	53C3_2-3	53C3_8-9	53D_0-5	53D_5-10	53D1_0-1	53D1_5-6	53D1_6-7	53D2_3-4	53D2_4-5	53D3_2-3	53D3_7-8
Sample Date	Commercial	09/25/2025	09/25/2025	09/25/2025	09/25/2025	09/25/2025	09/25/2025	09/25/2025	09/25/2025	09/25/2025	09/25/2025	09/25/2025	09/25/2025	09/25/2025	09/25/2025	09/25/2025	09/25/2025	09/25/2025	09/25/2025
Lab Sample ID	Use Soil Cleanup	460-335747-5	460-335747-6	460-335747-31	460-335747-37	460-335747-32	460-335747-35	460-335747-34	460-335747-33	460-335747-36	460-335747-7	460-335747-8	460-335747-50	460-335747-54	460-335747-55	460-335747-51	460-335747-53	460-335747-52	460-335747-49
Sample Depth (bgs)	Objectives	0 - 5 (ft)	5 - 10 (ft)	1 - 2 (ft)	7 - 8 (ft)	9 - 10 (ft)	4 - 5 (ft)	5 - 6 (ft)	2 - 3 (ft)	8 - 9 (ft)	0 - 5 (ft)	5 - 10 (ft)	0 - 1 (ft)	5 - 6 (ft)	6 - 7 (ft)	3 - 4 (ft)	4 - 5 (ft)	2 - 3 (ft)	7 - 8 (ft)
PFAS (mg/kg)																			
11-Chloroeicosafluoro-3-Oxaundecane-1-Sulfonic Acid (11Cl-PF3OUdS)	NA	ND (0.0002)	ND (0.0002)	-	-	-	-	-	-	-	ND (0.0002)	ND (0.0002)	-	-	-	-	-	-	-
2H,2H,3H,3H-Perfluorooctanoic acid (5:3 FTCA)	NA	ND (0.00099)	ND (0.001)	-	-	-	-	-	-	-	ND (0.001)	ND (0.00099)	-	-	-	-	-	-	-
3-(Perfluoroheptyl)propanoic acid (7:3 FTCA)	NA	ND (0.00099)	ND (0.001)	-	-	-	-	-	-	-	ND (0.001)	ND (0.00099)	-	-	-	-	-	-	-
3:3 Fluorotelomer carboxylic acid (3:3 FTCA)	NA	ND (0.0004)	ND (0.0004)	-	-	-	-	-	-	-	ND (0.0004)	ND (0.0004)	-	-	-	-	-	-	-
4,8-Dioxa-3H-Perfluorononanoic Acid (ADONA)	NA	ND (0.0002)	ND (0.0002)	-	-	-	-	-	-	-	ND (0.0002)	ND (0.0002)	-	-	-	-	-	-	-
4:2 Fluorotelomer sulfonic acid (4:2 FTS)	NA	ND (0.0004)	ND (0.0004)	-	-	-	-	-	-	-	ND (0.0004)	ND (0.0004)	-	-	-	-	-	-	-
6:2 Fluorotelomer sulfonic acid (6:2 FTS)	NA	ND (0.0004)	ND (0.0004)	-	-	-	-	-	-	-	ND (0.0004)	ND (0.0004)	-	-	-	-	-	-	-
8:2 Fluorotelomer sulfonic acid (8:2 FTS)	NA	0.00026 J	0.00034 J	-	-	-	-	-	-	-	ND (0.0004)	0.00069	-	-	-	-	-	-	-
9-Chlorohexadecafluoro-3-Oxanone-1-Sulfonic Acid (9Cl-PF3ONS)	NA	ND (0.0002)	ND (0.0002)	-	-	-	-	-	-	-	ND (0.0002)	ND (0.0002)	-	-	-	-	-	-	-
N-Ethyl Perfluorooctanesulfonamidoacetic Acid (NEtFOSAA)	NA	ND (0.0002)	ND (0.0002)	-	-	-	-	-	-	-	ND (0.0002)	ND (0.0002)	-	-	-	-	-	-	-
N-Ethylperfluorooctane sulfonamide (N-EtFOSA)	NA	ND (0.0002)	ND (0.0002)	-	-	-	-	-	-	-	ND (0.0002)	ND (0.0002)	-	-	-	-	-	-	-
N-Ethylperfluorooctane sulfonamidoethanol (N-EtFOSE)	NA	ND (0.00099)	ND (0.001)	-	-	-	-	-	-	-	ND (0.001)	ND (0.00099)	-	-	-	-	-	-	-
N-Methyl Perfluorooctanesulfonamidoacetic Acid (NMeFOSAA)	NA	ND (0.0002)	ND (0.0002)	-	-	-	-	-	-	-	ND (0.0002)	ND (0.0002)	-	-	-	-	-	-	-
N-Methylperfluorooctane sulfonamide (N-MeFOSA)	NA	ND (0.0002)	ND (0.0002)	-	-	-	-	-	-	-	ND (0.0002)	ND (0.0002)	-	-	-	-	-	-	-
N-Methylperfluorooctane sulfonamidoethanol (N-MeFOSE)	NA	ND (0.00099)	ND (0.001)	-	-	-	-	-	-	-	ND (0.001)	ND (0.00099)	-	-	-	-	-	-	-
Nonafluoro-3,6-dioxaheptanoic acid (NFDHA)	NA	ND (0.0002)	ND (0.0002)	-	-	-	-	-	-	-	ND (0.0002)	ND (0.0002)	-	-	-	-	-	-	-
Perfluoro(2-ethoxyethane) sulphonic acid (PFEESA)	NA	ND (0.0002)	ND (0.0002)	-	-	-	-	-	-	-	ND (0.0002)	ND (0.0002)	-	-	-	-	-	-	-
Perfluoro(4-methoxybutanoic) acid (PFMBA)	NA	ND (0.0002)	ND (0.0002)	-	-	-	-	-	-	-	ND (0.0002)	ND (0.0002)	-	-	-	-	-	-	-
Perfluoro-2-propoxypropanoic acid (PFPrOPrA)(GenX) (HFPO-DA)	NA	ND (0.0002)	ND (0.0002)	-	-	-	-	-	-	-	ND (0.0002)	ND (0.0002)	-	-	-	-	-	-	-
Perfluoro-3-methoxypropanoic acid (PFMPA)	NA	ND (0.0002)	ND (0.0002)	-	-	-	-	-	-	-	ND (0.0002)	ND (0.0002)	-	-	-	-	-	-	-
Perfluorobutanesulfonic acid (PFBS)	NA	ND (0.0002)	ND (0.0002)	-	-	-	-	-	-	-	ND (0.0002)	ND (0.0002)	-	-	-	-	-	-	-
Perfluorobutanoic acid (PFBA)	NA	ND (0.0004)	ND (0.0004)	-	-	-	-	-	-	-	ND (0.0004)	ND (0.0004)	-	-	-	-	-	-	-
Perfluorodecanesulfonic acid (PFDS)	NA	ND (0.0002)	ND (0.0002)	-	-	-	-	-	-	-	ND (0.0002)	ND (0.0002)	-	-	-	-	-	-	-
Perfluorodecanoic acid (PFDA)	NA	0.00029	0.00034	-	-	-	-	-	-	-	0.00076	0.00022	-	-	-	-	-	-	-
Perfluorododecane sulfonic acid (PFDoDS)	NA	ND (0.0002)	ND (0.0002)	-	-	-	-	-	-	-	ND (0.0002)	ND (0.0002)	-	-	-	-	-	-	-
Perfluorododecanoic acid (PFDoDA)	NA	0.00021	0.00018 J	-	-	-	-	-	-	-	0.00022	0.00023	-	-	-	-	-	-	-
Perfluoroheptanesulfonic acid (PFHpS)	NA	ND (0.0002)	ND (0.0002)	-	-	-	-	-	-	-	ND (0.0002)	ND (0.0002)	-	-	-	-	-	-	-
Perfluoroheptanoic acid (PFHpA)	NA	ND (0.0002)	ND (0.0002)	-	-	-	-	-	-	-	ND (0.0002)	ND (0.0002)	-	-	-	-	-	-	-
Perfluorohexanesulfonic acid (PFHxS)	NA	ND (0.0002)	ND (0.0002)	-	-	-	-	-	-	-	ND (0.0002)	ND (0.0002)	-	-	-	-	-	-	-
Perfluorohexanoic acid (PFHxA)	NA	ND (0.0002)	ND (0.0002)	-	-	-	-	-	-	-	ND (0.0002)	ND (0.0002)	-	-	-	-	-	-	-
Perfluorononane sulfonic acid (PFNS)	NA	ND (0.0002)	ND (0.0002)	-	-	-	-	-	-	-	ND (0.0002)	ND (0.0002)	-	-	-	-	-	-	-
Perfluorononanoic acid (PFNA)	NA	0.00019 J	0.00035	-	-	-	-	-	-	-	0.00069	0.00021	-	-	-	-	-	-	-
Perfluorooctane sulfonamide (PFOSA)	NA	ND (0.0002)	ND (0.0002)	-	-	-	-	-	-	-	ND (0.0002)	ND (0.0002)	-	-	-	-	-	-	-
Perfluorooctanesulfonic acid (PFOS)	0.44	ND (0.0002)	ND (0.0002)	-	-	-	-	-	-	-	0.00011 J	ND (0.0002)	-	-	-	-	-	-	-
Perfluorooctanoic acid (PFOA)	0.5	ND (0.0002)	0.00011 J	-	-	-	-	-	-	-	0.00018 J	0.000074 J	-	-	-	-	-	-	-
Perfluoropentanesulfonic acid (PFPeS)	NA	ND (0.0002)	ND (0.0002)	-	-	-	-	-	-	-	ND (0.0002)	ND (0.0002)	-	-	-	-	-	-	-
Perfluoropentanoic acid (PFPeA)	NA	ND (0.0002)	ND (0.0002)	-	-	-	-	-	-	-	ND (0.0002)	ND (0.0002)	-	-	-	-	-	-	-
Perfluorotetradecanoic acid (PFTeDA)	NA	ND (0.0002)	ND (0.0002)	-	-	-	-	-	-	-	ND (0.0002)	ND (0.0002)	-	-	-	-	-	-	-
Perfluorotridecanoic acid (PFTrDA)	NA	0.00409	0.00104	-	-	-	-	-	-	-	0.00136	0.00337	-	-	-	-	-	-	-
Perfluoroundecanoic acid (PFUnDA)	NA	0.00307	0.00184	-	-	-	-	-	-	-	0.00315	0.00197	-	-	-	-	-	-	-
Pesticides (mg/kg)																			
4,4'-DDD	92	ND (0.0073)	ND (0.0072)	-	-	-	-	-	-	-	ND (0.0073)	ND (0.0076)	-	-	-	-	-	-	-
4,4'-DDE	62	ND (0.0073)	ND (0.0072)	-	-	-	-	-	-	-	ND (0.0073)	ND (0.0076)	-	-	-	-	-	-	-
4,4'-DDT	47	ND (0.0073)	0.0034 J	-	-	-	-	-	-	-	ND (0.0073)	0.0022 J	-	-	-	-	-	-	-
Aldrin	0.68	ND (0.0073)	ND (0.0072)	-	-	-	-	-	-	-	ND (0.0073)	ND (0.0076)	-	-	-	-	-	-	-
alpha-BHC	3.4	ND (0.0022)	ND (0.0022)	-	-	-	-	-	-	-	ND (0.0022)	ND (0.0023)	-	-	-	-	-	-	-
alpha-Chlordane (cis)	24	ND (0.0073)	ND (0.0072)	-	-	-	-	-	-	-	ND (0.0073)	ND (0.0076)	-	-	-	-	-	-	-
beta-BHC	3	ND (0.0022)	ND (0.0022)	-	-	-	-	-	-	-	ND (0.0022)	ND (0.0023)	-	-	-	-	-	-	-
Chlordane	NA	ND (0.073)	ND (0.072)	-	-	-	-	-	-	-	ND (0.073)	ND (0.076)	-	-	-	-	-	-	-
delta-BHC	500	ND (0.0022)	ND (0.0022)	-	-	-	-	-	-	-	ND (0.0022)	ND (0.0023)	-	-	-	-	-	-	-
Dieldrin	1.4	ND (0.0022)	ND (0.0022)	-	-	-	-	-	-	-	ND (0.0022)	ND (0.0023)	-	-	-	-	-	-	-
Endosulfan I	200	ND (0.0073)	ND (0.0072)	-	-	-	-	-	-	-	ND (0.0073)	ND (0.0076)	-	-	-	-	-	-	-
Endosulfan II	200	ND (0.0073)	ND (0.0072)	-	-	-	-	-	-	-	ND (0.0073)	ND (0.0076)	-	-	-	-	-	-	-
Endosulfan sulfate	200	ND (0.0073)	ND (0.0072)	-	-	-	-	-	-	-	ND (0.0073)	ND (0.0076)	-	-	-	-	-	-	-
Endrin	89	ND (0.0073)	ND (0.0072)	-	-	-	-	-	-	-	ND (0.0073)	ND (0.0076)	-	-	-	-	-	-	-
Endrin aldehyde	NA	ND (0.0073)	ND (0.0072)	-	-	-	-	-	-	-	ND (0.0073)	ND (0.0076)	-	-	-	-	-	-	-
Endrin ketone	NA	ND (0.0073)	ND (0.0072)	-	-	-	-	-	-	-	ND (0.0073)	ND (0.0076)	-	-	-	-	-	-	-
gamma-BHC (Lindane)	9.2	ND (0.0022)	ND (0.0022)	-	-	-	-	-	-	-	ND (0.0022)	ND (0.0023)	-	-	-	-	-	-	-
Heptachlor	15	ND (0.0073)	ND (0.0072)	-	-	-	-	-	-	-	ND (0.0073)	ND (0.0076)	-	-	-	-	-	-	-
Heptachlor epoxide	NA	ND (0.0073)	ND (0.0072)	-	-	-	-	-	-	-	ND (0.0073)	ND (0.0076)	-	-	-	-	-	-	-
Methoxychlor	NA	ND (0.0073)	ND (0.0072)	-	-	-	-	-	-	-	ND (0.0073)	ND (0.0076)	-	-	-	-	-	-	-
Toxaphene	NA	ND (0.073)	ND (0.072)	-	-	-	-	-	-	-	ND (0.073)	ND (0.076)	-	-	-	-	-	-	-

TABLE 18
SUMMARY OF SOIL QUALITY DATA - BERM 53
FORMER PORT MOBIL TERMINAL
STATEN ISLAND, NEW YORK
FILE NO. 0208998

	Criteria																		
Location Name	NY Part 375	53C	53C	53C1	53C1	53C1	53C2	53C2	53C3	53C3	53D	53D	53D1	53D1	53D1	53D2	53D2	53D3	53D3
Sample Name	Commercial	53C_0-5	53C_5-10	53C1_1-2	53C1_7-8	53C1_9-10	53C2_4-5	53C2_5-6	53C3_2-3	53C3_8-9	53D_0-5	53D_5-10	53D1_0-1	53D1_5-6	53D1_6-7	53D2_3-4	53D2_4-5	53D3_2-3	53D3_7-8
Sample Date	Use	09/25/2025	09/25/2025	09/25/2025	09/25/2025	09/25/2025	09/25/2025	09/25/2025	09/25/2025	09/25/2025	09/25/2025	09/25/2025	09/25/2025	09/25/2025	09/25/2025	09/25/2025	09/25/2025	09/25/2025	09/25/2025
Lab Sample ID	Soil Cleanup	460-335747-5	460-335747-6	460-335747-31	460-335747-37	460-335747-32	460-335747-35	460-335747-34	460-335747-33	460-335747-36	460-335747-7	460-335747-8	460-335747-50	460-335747-54	460-335747-55	460-335747-51	460-335747-53	460-335747-52	460-335747-49
Sample Depth (bgs)	Objectives	0 - 5 (ft)	5 - 10 (ft)	1 - 2 (ft)	7 - 8 (ft)	9 - 10 (ft)	4 - 5 (ft)	5 - 6 (ft)	2 - 3 (ft)	8 - 9 (ft)	0 - 5 (ft)	5 - 10 (ft)	0 - 1 (ft)	5 - 6 (ft)	6 - 7 (ft)	3 - 4 (ft)	4 - 5 (ft)	2 - 3 (ft)	7 - 8 (ft)
Polychlorinated Biphenyls (mg/kg)																			
Aroclor-1016 (PCB-1016)	NA	ND (0.073)	ND (0.072)	-	-	-	-	-	-	-	ND (0.073)	ND (0.076)	-	-	-	-	-	-	-
Aroclor-1221 (PCB-1221)	NA	ND (0.073)	ND (0.072)	-	-	-	-	-	-	-	ND (0.073)	ND (0.076)	-	-	-	-	-	-	-
Aroclor-1232 (PCB-1232)	NA	ND (0.073)	ND (0.072)	-	-	-	-	-	-	-	ND (0.073)	ND (0.076)	-	-	-	-	-	-	-
Aroclor-1242 (PCB-1242)	NA	ND (0.073)	ND (0.072)	-	-	-	-	-	-	-	ND (0.073)	ND (0.076)	-	-	-	-	-	-	-
Aroclor-1248 (PCB-1248)	NA	ND (0.073)	ND (0.072)	-	-	-	-	-	-	-	ND (0.073)	ND (0.076)	-	-	-	-	-	-	-
Aroclor-1254 (PCB-1254)	NA	ND (0.073)	ND (0.072)	-	-	-	-	-	-	-	ND (0.073)	ND (0.076)	-	-	-	-	-	-	-
Aroclor-1260 (PCB-1260)	NA	ND (0.073)	ND (0.072)	-	-	-	-	-	-	-	ND (0.073)	ND (0.076)	-	-	-	-	-	-	-
Aroclor-1262 (PCB-1262)	NA	ND (0.073)	ND (0.072)	-	-	-	-	-	-	-	ND (0.073)	ND (0.076)	-	-	-	-	-	-	-
Aroclor-1268 (PCB-1268)	NA	ND (0.073)	ND (0.072)	-	-	-	-	-	-	-	ND (0.073)	ND (0.076)	-	-	-	-	-	-	-
Total PCBs	1	ND (0.073)	ND (0.072)	-	-	-	-	-	-	-	ND (0.073)	ND (0.076)	-	-	-	-	-	-	-
Inorganic Compounds (mg/kg)																			
Aluminum	NA	6260	5670	-	-	-	-	-	-	-	6260	8080	-	-	-	-	-	-	-
Antimony	NA	0.51 J	0.72 J	-	-	-	-	-	-	-	0.46 J	0.99 J	-	-	-	-	-	-	-
Arsenic	16	6.8	6.8	-	-	-	-	-	-	-	5.9	7.9	-	-	-	-	-	-	-
Barium	400	57.3	56.5	-	-	-	-	-	-	-	42.8	77.7	-	-	-	-	-	-	-
Beryllium	590	0.51	0.5	-	-	-	-	-	-	-	0.46	1	-	-	-	-	-	-	-
Cadmium	9.3	0.4 J	0.46 J	-	-	-	-	-	-	-	0.23 J	0.51 J	-	-	-	-	-	-	-
Calcium	NA	10900	1750	-	-	-	-	-	-	-	2390	2420	-	-	-	-	-	-	-
Chromium	NA	15.4	18.8	-	-	-	-	-	-	-	12.9	26	-	-	-	-	-	-	-
Cobalt	NA	4.9	4.4	-	-	-	-	-	-	-	5.4	9.1	-	-	-	-	-	-	-
Copper	270	32.8	29.6	-	-	-	-	-	-	-	33.6	90.6	-	-	-	-	-	-	-
Iron	NA	16900	16000	-	-	-	-	-	-	-	16600	20700	-	-	-	-	-	-	-
Lead	1000	153	190	-	-	-	-	-	-	-	45	285	-	-	-	-	-	-	-
Magnesium	NA	7290	1760	-	-	-	-	-	-	-	2790	2600	-	-	-	-	-	-	-
Manganese	10000	185	133	-	-	-	-	-	-	-	236	187	-	-	-	-	-	-	-
Mercury	2.8	0.039	0.042	-	-	-	-	-	-	-	0.033	0.039	-	-	-	-	-	-	-
Nickel	310	11	10.2	-	-	-	-	-	-	-	11	35.2	-	-	-	-	-	-	-
Potassium	NA	919	887	-	-	-	-	-	-	-	836	1110	-	-	-	-	-	-	-
Selenium	1500	0.24 J	0.24 J	-	-	-	-	-	-	-	0.2 J	0.4 J	-	-	-	-	-	-	-
Silver	1500	0.25 J	0.21 J	-	-	-	-	-	-	-	0.23 J	0.42	-	-	-	-	-	-	-
Sodium	NA	268	213	-	-	-	-	-	-	-	97.7 J	162	-	-	-	-	-	-	-
Thallium	NA	0.1 J	0.069 J	-	-	-	-	-	-	-	0.085 J	0.11 J	-	-	-	-	-	-	-
Vanadium	NA	21.5	19.9	-	-	-	-	-	-	-	25.6	27.6	-	-	-	-	-	-	-
Zinc	10000	132	278	-	-	-	-	-	-	-	55.1	339	-	-	-	-	-	-	-

ABBREVIATIONS AND NOTES:

mg/kg: milligram per kilogram

**: LCS or LCSD is outside acceptance limits.*
-: Not Analyzed
B: Compound was found in the blank and the associated sample.
bgs: below ground surface
ft: feet
J: Value is estimated.
NA: Not Applicable
ND (2.5): Not detected, number in parentheses is the laboratory reporting limit

- For test methods used, see the laboratory data sheets.
- Soil analytical results are compared to the New York State Department of Environmental Conservation (NYSDEC) Title 6 of the Official Compilation of New York Codes, Rules, and Regulations (NYCRR) Part 375 Commercial Use Soil Cleanup Objectives (SCO).
- Grey shading indicates an exceedance of the Commercial Use Soil Cleanup Objectives.

TABLE 19
SUMMARY OF SOIL QUALITY DATA - BERM 54
FORMER PORT MOBIL TERMINAL
STATEN ISLAND, NEW YORK
FILE NO. 0208998

Location Name	Criteria	54A	54A	54A1	54A1	54A1	54A2	54A2	54A3	54A3	54B	54B	54B1	54B1	54B2	54B2	54B2	54B3	54B3
Sample Name	NY Part 375	54A_0-4	54A_4-8	54A1_0-1	54A1_4-5	54A1_7-8	54A2_1-2	54A2_6-7	54A3_2-3	54A3_5-6	54B_0-4	54B_4-8	54B1_0-1	54B1_2-3	54B2_3-4	54B2_4-5	54B2_7-8	54B3_5-6	54B3_6-7
Sample Date	Commercial	09/25/2025	09/25/2025	09/25/2025	09/25/2025	09/25/2025	09/25/2025	09/25/2025	09/25/2025	09/25/2025	09/25/2025	09/25/2025	09/25/2025	09/25/2025	09/25/2025	09/25/2025	09/25/2025	09/25/2025	09/25/2025
Lab Sample ID	Use	460-335747-9	460-335747-10	460-335747-66	460-335747-71	460-335747-68	460-335747-70	460-335747-72	460-335747-69	460-335747-67	460-335747-11	460-335747-12	460-335747-62	460-335747-64	460-335747-65	460-335747-48	460-335747-63	460-335747-60	460-335747-61
Sample Depth (bgs)	Soil Cleanup Objectives	0 - 4 (ft)	4 - 8 (ft)	0 - 1 (ft)	4 - 5 (ft)	7 - 8 (ft)	1 - 2 (ft)	6 - 7 (ft)	2 - 3 (ft)	5 - 6 (ft)	0 - 4 (ft)	4 - 8 (ft)	0 - 1 (ft)	2 - 3 (ft)	3 - 4 (ft)	4 - 5 (ft)	7 - 8 (ft)	5 - 6 (ft)	6 - 7 (ft)
Volatile Organic Compounds (mg/kg)																			
1,1,1-Trichloroethane	500	-	-	ND (0.0008)	ND (0.00042)	ND (0.00079)	ND (0.00099)	ND (0.00086)	ND (0.00095)	ND (0.001)	-	-	ND (0.00087)	ND (0.0008)	ND (0.00092)	ND (0.00096)	ND (0.00091)	ND (0.00089)	ND (0.0009)
1,1,2,2-Tetrachloroethane	NA	-	-	ND (0.0008)	ND (0.00042)	ND (0.00079)	ND (0.00099)	ND (0.00086)	ND (0.00095)	ND (0.001)	-	-	ND (0.00087)	ND (0.0008)	ND (0.00092)	ND (0.00096)	ND (0.00091)	ND (0.00089)	ND (0.0009)
1,1,2-Trichloroethane	NA	-	-	ND (0.0008)	ND (0.00042)	ND (0.00079)	ND (0.00099)	ND (0.00086)	ND (0.00095)	ND (0.001)	-	-	ND (0.00087)	ND (0.0008)	ND (0.00092)	ND (0.00096)	ND (0.00091)	ND (0.00089)	ND (0.0009)
1,1-Dichloroethane	240	-	-	ND (0.0008)	ND (0.00042)	ND (0.00079)	ND (0.00099)	ND (0.00086)	ND (0.00095)	ND (0.001)	-	-	ND (0.00087)	ND (0.0008)	ND (0.00092)	ND (0.00096)	ND (0.00091)	ND (0.00089)	ND (0.0009)
1,1-Dichloroethene	500	-	-	ND (0.0008)	ND (0.00042)	ND (0.00079)	ND (0.00099)	ND (0.00086)	ND (0.00095)	ND (0.001)	-	-	ND (0.00087)	ND (0.0008)	ND (0.00092)	ND (0.00096)	ND (0.00091)	ND (0.00089)	ND (0.0009)
1,2,3-Trichlorobenzene	NA	-	-	ND (0.0008)	ND (0.00042)	ND (0.00079)	ND (0.00099)	ND (0.00086)	ND (0.00095)	ND (0.001)	-	-	ND (0.00087)	ND (0.0008)	ND (0.00092)	ND (0.00096)	ND (0.00091)	ND (0.00089)	ND (0.0009)
1,2,4-Trichlorobenzene	NA	-	-	ND (0.0008)	ND (0.00042) *	ND (0.00079)	ND (0.00099) *	ND (0.00086) *	ND (0.00095) *	ND (0.001) *	-	-	ND (0.00087)	ND (0.0008)	ND (0.00092)	ND (0.00096)	ND (0.00091)	ND (0.00089)	ND (0.0009)
1,2,4-Trimethylbenzene	190	-	-	ND (0.0008)	ND (0.00042)	ND (0.00079)	ND (0.00099)	ND (0.00086)	ND (0.00095)	ND (0.001)	-	-	ND (0.00087)	ND (0.0008)	ND (0.00092)	ND (0.00096)	ND (0.00091)	ND (0.00089)	ND (0.0009)
1,2-Dibromo-3-chloropropane (DBCP)	NA	-	-	ND (0.0008)	ND (0.00042)	ND (0.00079)	ND (0.00099)	ND (0.00086)	ND (0.00095)	ND (0.001)	-	-	ND (0.00087)	ND (0.0008)	ND (0.00092)	ND (0.00096)	ND (0.00091)	ND (0.00089)	ND (0.0009)
1,2-Dibromoethane (Ethylene Dibromide)	NA	-	-	ND (0.0008)	ND (0.00042)	ND (0.00079)	ND (0.00099)	ND (0.00086)	ND (0.00095)	ND (0.001)	-	-	ND (0.00087)	ND (0.0008)	ND (0.00092)	ND (0.00096)	ND (0.00091)	ND (0.00089)	ND (0.0009)
1,2-Dichlorobenzene	500	-	-	ND (0.0008)	ND (0.00042)	ND (0.00079)	ND (0.00099)	ND (0.00086)	ND (0.00095)	ND (0.001)	-	-	ND (0.00087)	ND (0.0008)	ND (0.00092)	ND (0.00096)	ND (0.00091)	ND (0.00089)	ND (0.0009)
1,2-Dichloroethane	30	-	-	ND (0.0008)	ND (0.00042)	ND (0.00079)	ND (0.00099)	ND (0.00086)	ND (0.00095)	ND (0.001)	-	-	ND (0.00087)	ND (0.0008)	ND (0.00092)	ND (0.00096)	ND (0.00091)	ND (0.00089)	ND (0.0009)
1,2-Dichloropropane	NA	-	-	ND (0.0008)	ND (0.00042)	ND (0.00079)	ND (0.00099)	ND (0.00086)	ND (0.00095)	ND (0.001)	-	-	ND (0.00087)	ND (0.0008)	ND (0.00092)	ND (0.00096)	ND (0.00091)	ND (0.00089)	ND (0.0009)
1,3,5-Trimethylbenzene	190	-	-	ND (0.0008)	ND (0.00042)	ND (0.00079)	ND (0.00099)	ND (0.00086)	ND (0.00095)	ND (0.001)	-	-	ND (0.00087)	ND (0.0008)	ND (0.00092)	ND (0.00096)	ND (0.00091)	ND (0.00089)	ND (0.0009)
1,3-Dichlorobenzene	280	-	-	ND (0.0008)	ND (0.00042)	ND (0.00079)	ND (0.00099)	ND (0.00086)	ND (0.00095)	ND (0.001)	-	-	ND (0.00087)	ND (0.0008)	ND (0.00092)	ND (0.00096)	ND (0.00091)	ND (0.00089)	ND (0.0009)
1,4-Dichlorobenzene	130	-	-	ND (0.0008)	ND (0.00042)	ND (0.00079)	ND (0.00099)	ND (0.00086)	ND (0.00095)	ND (0.001)	-	-	ND (0.00087)	ND (0.0008)	ND (0.00092)	ND (0.00096)	ND (0.00091)	ND (0.00089)	ND (0.0009)
2-Butanone (Methyl Ethyl Ketone)	500	-	-	ND (0.004)	ND (0.0021)	ND (0.004)	ND (0.0049)	ND (0.0043)	ND (0.0047)	ND (0.0052)	-	-	ND (0.0044)	ND (0.004)	ND (0.0046)	ND (0.0048)	ND (0.0045)	ND (0.0045)	ND (0.0045)
2-Hexanone (Methyl Butyl Ketone)	NA	-	-	ND (0.004)	ND (0.0021)	ND (0.004)	ND (0.0049)	ND (0.0043)	ND (0.0047)	ND (0.0052)	-	-	ND (0.0044)	ND (0.004)	ND (0.0046)	ND (0.0048)	ND (0.0045)	ND (0.0045)	ND (0.0045)
2-Phenylbutane (sec-Butylbenzene)	500	-	-	ND (0.0008)	ND (0.00042)	ND (0.00079)	ND (0.00099)	ND (0.00086)	ND (0.00095)	ND (0.001)	-	-	ND (0.00087)	ND (0.0008)	ND (0.00092)	ND (0.00096)	ND (0.00091)	ND (0.00089)	ND (0.0009)
4-Methyl-2-Pentanone (Methyl Isobutyl Ketone)	NA	-	-	ND (0.004)	ND (0.0021)	ND (0.004)	ND (0.0049)	ND (0.0043)	ND (0.0047)	ND (0.0052)	-	-	ND (0.0044)	ND (0.004)	ND (0.0046)	ND (0.0048)	ND (0.0045)	ND (0.0045)	ND (0.0045)
Acetone	500	-	-	ND (0.0048)	ND (0.0025)	ND (0.0048)	ND (0.0059)	ND (0.0051)	ND (0.0057)	ND (0.0063)	-	-	ND (0.0052)	ND (0.0048)	ND (0.0055)	ND (0.0058)	ND (0.0055)	ND (0.0054)	ND (0.0054)
Benzene	44	-	-	ND (0.0008)	ND (0.00042)	ND (0.00079)	ND (0.00099)	ND (0.00086)	ND (0.00095)	ND (0.001)	-	-	ND (0.00087)	ND (0.0008)	ND (0.00092)	ND (0.00096)	ND (0.00091)	ND (0.00089)	ND (0.0009)
Bromodichloromethane	NA	-	-	ND (0.0008)	ND (0.00042)	ND (0.00079)	ND (0.00099)	ND (0.00086)	ND (0.00095)	ND (0.001)	-	-	ND (0.00087)	ND (0.0008)	ND (0.00092)	ND (0.00096)	ND (0.00091)	ND (0.00089)	ND (0.0009)
Bromoform	NA	-	-	ND (0.0008)	ND (0.00042) *	ND (0.00079) *	ND (0.00099) *	ND (0.00086) *	ND (0.00095) *	ND (0.001) *	-	-	ND (0.00087)	ND (0.0008)	ND (0.00092)	ND (0.00096) *	ND (0.00091)	ND (0.00089)	ND (0.0009)
Bromomethane (Methyl Bromide)	NA	-	-	ND (0.0016)	ND (0.00085)	ND (0.0016)	ND (0.002)	ND (0.0017)	ND (0.0019)	ND (0.0021)	-	-	ND (0.0017)	ND (0.0016)	ND (0.0018)	ND (0.0019)	ND (0.0018)	ND (0.0018)	ND (0.0018)
Carbon disulfide	NA	-	-	ND (0.0008)	ND (0.00042)	ND (0.00079)	ND (0.00099)	ND (0.00086)	ND (0.00095)	ND (0.001)	-	-	ND (0.00087)	ND (0.0008)	ND (0.00092)	ND (0.00096)	ND (0.00091)	ND (0.00089)	ND (0.0009)
Carbon tetrachloride	22	-	-	ND (0.0008)	ND (0.00042)	ND (0.00079)	ND (0.00099)	ND (0.00086)	ND (0.00095)	ND (0.001)	-	-	ND (0.00087)	ND (0.0008)	ND (0.00092)	ND (0.00096)	ND (0.00091)	ND (0.00089)	ND (0.0009)
Chlorobenzene	500	-	-	ND (0.0008)	ND (0.00042)	ND (0.00079)	ND (0.00099)	ND (0.00086)	ND (0.00095)	ND (0.001)	-	-	ND (0.00087)	ND (0.0008)	ND (0.00092)	ND (0.00096)	ND (0.00091)	ND (0.00089)	ND (0.0009)
Chlorobromomethane	NA	-	-	ND (0.0008)	ND (0.00042)	ND (0.00079)	ND (0.00099)	ND (0.00086)	ND (0.00095)	ND (0.001)	-	-	ND (0.00087)	ND (0.0008)	ND (0.00092)	ND (0.00096)	ND (0.00091)	ND (0.00089)	ND (0.0009)
Chloroethane	NA	-	-	ND (0.0008)	ND (0.00042)	ND (0.00079)	ND (0.00099)	ND (0.00086)	ND (0.00095)	ND (0.001)	-	-	ND (0.00087)	ND (0.0008)	ND (0.00092)	ND (0.00096)	ND (0.00091)	ND (0.00089)	ND (0.0009)
Chloroform (Trichloromethane)	350	-	-	ND (0.0008)	ND (0.00042)	ND (0.00079)	ND (0.00099)	ND (0.00086)	ND (0.00095)	ND (0.001)	-	-	ND (0.00087)	ND (0.0008)	ND (0.00092)	ND (0.00096)	ND (0.00091)	ND (0.00089)	ND (0.0009)
Chloromethane (Methyl Chloride)	NA	-	-	ND (0.0008)	ND (0.00042)	ND (0.00079)	ND (0.00099)	ND (0.00086)	ND (0.00095)	ND (0.001)	-	-	ND (0.00087)	ND (0.0008)	ND (0.00092)	ND (0.00096)	ND (0.00091)	ND (0.00089)	ND (0.0009)
cis-1,2-Dichloroethene	500	-	-	ND (0.0008)	ND (0.00042)	ND (0.00079)	ND (0.00099)	ND (0.00086)	ND (0.00095)	ND (0.001)	-	-	ND (0.00087)	ND (0.0008)	ND (0.00092)	ND (0.00096)	ND (0.00091)	ND (0.00089)	ND (0.0009)
cis-1,3-Dichloropropene	NA	-	-	ND (0.0008)	ND (0.00042)	ND (0.00079)	ND (0.00099)	ND (0.00086)	ND (0.00095)	ND (0.001)	-	-	ND (0.00087)	ND (0.0008)	ND (0.00092)	ND (0.00096)	ND (0.00091)	ND (0.00089)	ND (0.0009)
Cyclohexane	NA	-	-	ND (0.0008)	ND (0.00042)	ND (0.00079)	ND (0.00099)	ND (0.00086)	ND (0.00095)	ND (0.001)	-	-	ND (0.00087)	ND (0.0008)	ND (0.00092)	ND (0.00096)	ND (0.00091)	ND (0.00089)	ND (0.0009)
Dibromochloromethane	NA	-	-	ND (0.0008)	ND (0.00042) *	ND (0.00079) *	ND (0.00099) *	ND (0.00086) *	ND (0.00095) *	ND (0.001) *	-	-	ND (0.00087)	ND (0.0008)	ND (0.00092)	ND (0.00096) *	ND (0.00091)	ND (0.00089)	ND (0.0009)
Dichlorodifluoromethane (CFC-12)	NA	-	-	ND (0.0008)	ND (0.00042)	ND (0.00079)	ND (0.00099)	ND (0.00086)	ND (0.00095)	ND (0.001)	-	-	ND (0.00087)	ND (0.0008)	ND (0.00092)	ND (0.00096)	ND (0.00091)	ND (0.00089)	ND (0.0009)
Ethylbenzene	390	-	-	ND (0.0008)	ND (0.00042)	ND (0.00079)	ND (0.00099)	ND (0.00086)	ND (0.00095)	ND (0.001)	-	-	ND (0.00087)	ND (0.0008)	ND (0.00092)	ND (0.00096)	ND (0.00091)	ND (0.00089)	ND (0.0009)
Isopropylbenzene (Cumene)	NA	-	-	ND (0.0008)	ND (0.00042)	ND (0.00079)	ND (0.00099)	ND (0.00086)	ND (0.00095)	ND (0.001)	-	-	ND (0.00087)	ND (0.0008)	ND (0.00092)	ND (0.00096)	ND (0.00091)	ND (0.00089)	ND (0.0009)
m,p-Xylenes	NA	-	-	ND (0.0008)	ND (0.00042)	ND (0.00079)	ND (0.00099)	ND (0.00086)	ND (0.00095)	ND (0.001)	-	-	ND (0.00087)	ND (0.0008)	ND (0.00092)	ND (0.00096)	ND (0.00091)	ND (0.00089)	ND (0.0009)
Methyl acetate	NA	-	-	ND (0.004)	ND (0.0021) *	ND (0.004) *	ND (0.0049) *	ND (0.0043) *	ND (0.0047) *	ND (0.0052) *	-	-	ND (0.0044)	ND (0.004)	ND (0.0046)	ND (0.0048) *	ND (0.0045)	ND (0.0045)	ND (0.0045)
Methyl Tert Butyl Ether (MTBE)	500	-	-	ND (0.0008)	ND (0.00042)	ND (0.00079)	ND (0.00099)	ND (0.00086)	ND (0.00095)	ND (0.001)	-	-	ND (0.00087)	ND (0.0008)	ND (0.00092)	ND (0.00096)	ND (0.00091)	ND (0.00089)	ND (0.0009)
Methylcyclohexane	NA	-	-	ND (0.0008)	ND (0.00042)	ND (0.00079)	ND (0.00099)	ND (0.00086)	ND (0.00095)	ND (0.001)	-	-	ND (0.00087)	ND (0.0008)	ND (0.00092)	ND (0.00096)	ND (0.00091)	ND (0.00089)	ND (0.0009)
Methylene chloride (Dichloromethane)	500	-	-	0.0025	0.00069 J	0.0022	0.0027	0.0026	0.0014 J	ND (0.0021)	-	-	0.0023	0.0013 J	0.003	0.0024	0.001 J	0.0028	0.0026
n-Butylbenzene	500	-	-	ND (0.0008)	ND (0.00042)	ND (0.00079) *	ND (0.00099)	ND (0.00086)	ND (0.00095)	ND (0.001)	-	-	ND (0.00087)	ND (0.0008)	ND (0.00092)	ND (0.00096)	ND (0.00091)	ND (0.00089)	ND (0.0009)
n-Propylbenzene	500	-	-	ND (0.0008)	ND (0.00042)	ND (0.00079)	ND (0.00099)	ND (0.00086)	ND (0.00095)	ND (0.001)	-	-	ND (0.00087)	ND (0.0008)	ND (0.00092)	ND (0.00096)	ND (0.00091)	ND (0.00089)	ND (0.0009)
o-Xylene	NA	-	-	ND (0.0008)	ND (0.00042)	ND (0.00079)	ND (0.00099)	ND (0.00086)	ND (0.00095)	ND (0.001)	-	-	ND (0.00087)	ND (0.0008)	ND (0.00092)	ND (0.00096)	ND (0.00091)	ND (0.00089)	ND (0.0009)
Styrene	NA	-	-	ND (0.0008)	ND (0.00042)	ND (0.00079)	ND (0.00099)	ND (0.00086)	ND (0.00095)	ND (0.001)	-	-	ND (0.00087)	ND (0.0008)	ND (0.00092)	ND (0.00096)	ND (0.00091)	ND (0.00089)	ND (0.0009)
tert-Butylbenzene	500	-	-	ND (0.0008)	ND (0.00042)	ND (0.00079)	ND (0.00099)	ND (0.00086)	ND (0.00095)	ND (0.001)	-	-	ND (0.00087)	ND (0.0008)	ND (0.00092)	ND (0.00096)	ND (0.00091)	ND (0.00089)	ND (0.0009)
Tetrachloroethene	150	-	-	ND (0.0008)	ND (0.00042)	ND (0.00079)	ND (0.00099)	ND (0.00086)	ND (0.00095)	ND (0.001)	-	-	ND (0.00087)	ND (0.0008)	ND (0.00092)	ND (0.00096)	ND (0.00091)	ND (0.00089)	ND (0.0009)
Toluene	500	-	-	ND (0.0008)	ND (0.00042)	ND (0.00079)	ND (0.00099)	ND (0.00086)	ND (0.00095)	ND (0.001)	-	-	ND (0.00087)	ND (0.0008)	ND (0.00092)	ND (0.00096)	ND (0.00091)	ND (0.00089)	ND (0.0009)
trans-1,2-Dichloroethene	500	-	-	ND (0.0008)	ND (0.00042)	ND (0.00079)	ND (0.00099)	ND (0.00086)	ND (0.00095)	ND (0.001)	-	-	ND (0.00087)	ND (0.0008)	ND (0.00092)	ND (0.00096)	ND (0.00091)	ND (0.00089)	ND (0.0009)
trans-1,3-Dichloropropene	NA	-	-	ND (0.0008)	ND (0.00042)	ND (0.00079)	ND (0.00099)	ND (0.00086)	ND (0.00095)	ND (0.001)	-	-	ND (0.00087)	ND (0.0008)	ND (0.00092)	ND (0.00096)	ND (0.00091)	ND (0.00089)	ND (0.0009)
Trichloroethene	200	-	-	ND (0.0008)	ND (0.00042)	ND (0.00079)	ND (0.00099)	ND (0.00086)	ND (0.00095)	ND (0.001)	-	-	ND (0.00087)	ND (0.0008)	ND (0.00092)	ND (0.00096)	ND (0.00091)	ND (0.00089)	ND (0.0009)
Trichlorofluoromethane (CFC-11)	NA	-	-	ND (0.0008)	ND (0.00042)	ND (0.00079)	ND (0.00099)	ND (0.00086)	ND (0.00095)	ND (0.001)	-	-	ND (0.00087)	ND (0.0008)	ND (0.00092)	ND (0.00096)	ND (0.00091)	ND (0.00089)	ND (0.0009)
Trifluorotrichloroethane (Freon 113)	NA	-	-	ND (0.0008)	ND (0.00042)	ND (0.00079)	ND (0.00099)	ND (0.00086)	ND (0.00095)	ND (0.001)	-	-	ND (0.00087)	ND (0.0008)	ND (0.00092)	ND (0.00096)	ND (0.00091)	ND (0.00089)	ND (0.0009)
Vinyl chloride	13	-	-	ND (0.0008)	ND (0.00042)	ND (0.00079)	ND (0.00099)	ND (0.00086)	ND (0.00095)	ND (0.001)	-	-	ND (0.00087)	ND (0.0008)	ND (0.00092)	ND (0.00096)	ND (0.00091)	ND (0.00089)	ND (0.0009)
Xylene (Total)	500	-	-	ND (0.0016)	ND (0.00085)	ND (0.0016)	ND (0.002)	ND (0.0017)	ND (0.0019)	ND (0.0021)	-	-	ND (0.0017)	ND (0.0016)	ND (0.0018)	ND (0.0019)	ND (0.0018)	ND (0.0018)	ND (0.0018)

TABLE 19
SUMMARY OF SOIL QUALITY DATA - BERM 54
FORMER PORT MOBIL TERMINAL
STATEN ISLAND, NEW YORK
FILE NO. 0208998

	Criteria																		
Location Name	NY Part 375	54A	54A	54A1	54A1	54A1	54A2	54A2	54A3	54A3	54B	54B	54B1	54B1	54B2	54B2	54B2	54B3	54B3
Sample Name	Commercial	54A_0-4	54A_4-8	54A1_0-1	54A1_4-5	54A1_7-8	54A2_1-2	54A2_6-7	54A3_2-3	54A3_5-6	54B_0-4	54B_4-8	54B1_0-1	54B1_2-3	54B2_3-4	54B2_4-5	54B2_7-8	54B3_5-6	54B3_6-7
Sample Date	Use	09/25/2025	09/25/2025	09/25/2025	09/25/2025	09/25/2025	09/25/2025	09/25/2025	09/25/2025	09/25/2025	09/25/2025	09/25/2025	09/25/2025	09/25/2025	09/25/2025	09/25/2025	09/25/2025	09/25/2025	09/25/2025
Lab Sample ID	Soil Cleanup	460-335747-9	460-335747-10	460-335747-66	460-335747-71	460-335747-68	460-335747-70	460-335747-72	460-335747-69	460-335747-67	460-335747-11	460-335747-12	460-335747-62	460-335747-64	460-335747-65	460-335747-48	460-335747-63	460-335747-60	460-335747-61
Sample Depth (bgs)	Objectives	0 - 4 (ft)	4 - 8 (ft)	0 - 1 (ft)	4 - 5 (ft)	7 - 8 (ft)	1 - 2 (ft)	6 - 7 (ft)	2 - 3 (ft)	5 - 6 (ft)	0 - 4 (ft)	4 - 8 (ft)	0 - 1 (ft)	2 - 3 (ft)	3 - 4 (ft)	4 - 5 (ft)	7 - 8 (ft)	5 - 6 (ft)	6 - 7 (ft)
Semi-Volatile Organic Compounds (mg/kg)																			
1,2,4,5-Tetrachlorobenzene	NA	ND (0.39)	ND (0.39)	-	-	-	-	-	-	-	ND (0.37)	ND (0.38)	-	-	-	-	-	-	-
1,4-Dioxane	130	ND (0.039)	ND (0.039)	-	-	-	-	-	-	-	ND (0.037)	ND (0.038)	-	-	-	-	-	-	-
2,2'-oxybis(1-Chloropropane)	NA	ND (0.39)	ND (0.39)	-	-	-	-	-	-	-	ND (0.37)	ND (0.38)	-	-	-	-	-	-	-
2,3,4,6-Tetrachlorophenol	NA	ND (0.39)	ND (0.39)	-	-	-	-	-	-	-	ND (0.37)	ND (0.38)	-	-	-	-	-	-	-
2,4,5-Trichlorophenol	NA	ND (0.39)	ND (0.39)	-	-	-	-	-	-	-	ND (0.37)	ND (0.38)	-	-	-	-	-	-	-
2,4,6-Trichlorophenol	NA	ND (0.16)	ND (0.16)	-	-	-	-	-	-	-	ND (0.15)	ND (0.15)	-	-	-	-	-	-	-
2,4-Dichlorophenol	NA	ND (0.16)	ND (0.16)	-	-	-	-	-	-	-	ND (0.15)	ND (0.15)	-	-	-	-	-	-	-
2,4-Dimethylphenol	NA	ND (0.39)	ND (0.39)	-	-	-	-	-	-	-	ND (0.37)	ND (0.38)	-	-	-	-	-	-	-
2,4-Dinitrophenol	NA	ND (0.31)	ND (0.31)	-	-	-	-	-	-	-	ND (0.3)	ND (0.31)	-	-	-	-	-	-	-
2,4-Dinitrotoluene	NA	ND (0.079)	ND (0.079)	-	-	-	-	-	-	-	ND (0.075)	ND (0.078)	-	-	-	-	-	-	-
2,6-Dinitrotoluene	NA	ND (0.079)	ND (0.079)	-	-	-	-	-	-	-	ND (0.075)	ND (0.078)	-	-	-	-	-	-	-
2-Chloronaphthalene	NA	ND (0.39)	ND (0.39)	-	-	-	-	-	-	-	ND (0.37)	ND (0.38)	-	-	-	-	-	-	-
2-Chlorophenol	NA	ND (0.39)	ND (0.39)	-	-	-	-	-	-	-	ND (0.37)	ND (0.38)	-	-	-	-	-	-	-
2-Methylnaphthalene	NA	ND (0.39)	ND (0.39)	-	-	-	-	-	-	-	ND (0.37)	ND (0.38)	-	-	-	-	-	-	-
2-Methylphenol (o-Cresol)	500	ND (0.39)	ND (0.39)	-	-	-	-	-	-	-	ND (0.37)	ND (0.38)	-	-	-	-	-	-	-
2-Nitroaniline	NA	ND (0.39)	ND (0.39)	-	-	-	-	-	-	-	ND (0.37)	ND (0.38)	-	-	-	-	-	-	-
2-Nitrophenol	NA	ND (0.39)	ND (0.39)	-	-	-	-	-	-	-	ND (0.37)	ND (0.38)	-	-	-	-	-	-	-
3&4-Methylphenol	NA	ND (0.39)	ND (0.39)	-	-	-	-	-	-	-	ND (0.37)	ND (0.38)	-	-	-	-	-	-	-
3,3'-Dichlorobenzidine	NA	ND (0.16)	ND (0.16)	-	-	-	-	-	-	-	ND (0.15)	ND (0.15)	-	-	-	-	-	-	-
3-Nitroaniline	NA	ND (0.39)	ND (0.39)	-	-	-	-	-	-	-	ND (0.37)	ND (0.38)	-	-	-	-	-	-	-
4,6-Dinitro-2-methylphenol	NA	ND (0.31)	ND (0.31)	-	-	-	-	-	-	-	ND (0.3)	ND (0.31)	-	-	-	-	-	-	-
4-Bromophenyl phenyl ether (BDE-3)	NA	ND (0.39)	ND (0.39)	-	-	-	-	-	-	-	ND (0.37)	ND (0.38)	-	-	-	-	-	-	-
4-Chloro-3-methylphenol	NA	ND (0.39)	ND (0.39)	-	-	-	-	-	-	-	ND (0.37)	ND (0.38)	-	-	-	-	-	-	-
4-Chloroaniline	NA	ND (0.39)	ND (0.39)	-	-	-	-	-	-	-	ND (0.37)	ND (0.38)	-	-	-	-	-	-	-
4-Chlorophenyl phenyl ether	NA	ND (0.39)	ND (0.39)	-	-	-	-	-	-	-	ND (0.37)	ND (0.38)	-	-	-	-	-	-	-
4-Methylphenol	500	ND (0.39)	ND (0.39)	-	-	-	-	-	-	-	ND (0.37)	ND (0.38)	-	-	-	-	-	-	-
4-Nitroaniline	NA	ND (0.39)	ND (0.39)	-	-	-	-	-	-	-	ND (0.37)	ND (0.38)	-	-	-	-	-	-	-
4-Nitrophenol	NA	ND (0.79)	ND (0.79)	-	-	-	-	-	-	-	ND (0.75)	ND (0.78)	-	-	-	-	-	-	-
Acenaphthene	500	ND (0.39)	ND (0.39)	-	-	-	-	-	-	-	ND (0.37)	ND (0.38)	-	-	-	-	-	-	-
Acenaphthylene	500	ND (0.39)	ND (0.39)	-	-	-	-	-	-	-	ND (0.37)	ND (0.38)	-	-	-	-	-	-	-
Acetophenone	NA	ND (0.39)	ND (0.39)	-	-	-	-	-	-	-	ND (0.37)	ND (0.38)	-	-	-	-	-	-	-
Anthracene	500	ND (0.39)	ND (0.39)	-	-	-	-	-	-	-	ND (0.37)	ND (0.38)	-	-	-	-	-	-	-
Atrazine	NA	ND (0.16) *	ND (0.16) *	-	-	-	-	-	-	-	ND (0.15) *	ND (0.15) *	-	-	-	-	-	-	-
Benzaldehyde	NA	ND (0.39)	ND (0.39)	-	-	-	-	-	-	-	ND (0.37)	ND (0.38)	-	-	-	-	-	-	-
Benzo(a)anthracene	5.6	ND (0.039)	ND (0.039)	-	-	-	-	-	-	-	ND (0.037)	ND (0.038)	-	-	-	-	-	-	-
Benzo(a)pyrene	1	ND (0.039)	ND (0.039)	-	-	-	-	-	-	-	ND (0.037)	ND (0.038)	-	-	-	-	-	-	-
Benzo(b)fluoranthene	5.6	ND (0.039)	ND (0.039)	-	-	-	-	-	-	-	ND (0.037)	ND (0.038)	-	-	-	-	-	-	-
Benzo(g,h,i)perylene	500	ND (0.39)	ND (0.39)	-	-	-	-	-	-	-	ND (0.37)	ND (0.38)	-	-	-	-	-	-	-
Benzo(k)fluoranthene	56	ND (0.039)	ND (0.039)	-	-	-	-	-	-	-	ND (0.037)	ND (0.038)	-	-	-	-	-	-	-
Biphenyl	NA	ND (0.39)	ND (0.39)	-	-	-	-	-	-	-	ND (0.37)	ND (0.38)	-	-	-	-	-	-	-
bis(2-Chloroethoxy)methane	NA	ND (0.39)	ND (0.39)	-	-	-	-	-	-	-	ND (0.37)	ND (0.38)	-	-	-	-	-	-	-
bis(2-Chloroethyl)ether	NA	ND (0.039)	ND (0.039)	-	-	-	-	-	-	-	ND (0.037)	ND (0.038)	-	-	-	-	-	-	-
bis(2-Ethylhexyl)phthalate	NA	ND (0.39)	ND (0.39)	-	-	-	-	-	-	-	ND (0.37)	ND (0.38)	-	-	-	-	-	-	-
Butyl benzylphthalate (BBP)	NA	ND (0.39)	ND (0.39)	-	-	-	-	-	-	-	ND (0.37)	ND (0.38)	-	-	-	-	-	-	-
Caprolactam	NA	ND (0.39) *	ND (0.39) *	-	-	-	-	-	-	-	ND (0.37) *	ND (0.38) *	-	-	-	-	-	-	-
Carbazole	NA	ND (0.39)	ND (0.39)	-	-	-	-	-	-	-	ND (0.37)	ND (0.38)	-	-	-	-	-	-	-
Chrysene	56	ND (0.39)	ND (0.39)	-	-	-	-	-	-	-	ND (0.37)	ND (0.38)	-	-	-	-	-	-	-
Dibenz(a,h)anthracene	0.56	ND (0.039)	ND (0.039)	-	-	-	-	-	-	-	ND (0.037)	ND (0.038)	-	-	-	-	-	-	-
Dibenzofuran	350	ND (0.39)	ND (0.39)	-	-	-	-	-	-	-	ND (0.37)	ND (0.38)	-	-	-	-	-	-	-
Diethyl phthalate	NA	ND (0.39)	ND (0.39)	-	-	-	-	-	-	-	ND (0.37)	ND (0.38)	-	-	-	-	-	-	-
Dimethyl phthalate	NA	ND (0.39)	ND (0.39)	-	-	-	-	-	-	-	ND (0.37)	ND (0.38)	-	-	-	-	-	-	-
Di-n-butylphthalate (DBP)	NA	ND (0.39)	ND (0.39)	-	-	-	-	-	-	-	ND (0.37)	0.015 J	-	-	-	-	-	-	-
Di-n-octyl phthalate (DnOP)	NA	ND (0.39)	ND (0.39)	-	-	-	-	-	-	-	ND (0.37)	ND (0.38)	-	-	-	-	-	-	-
Fluoranthene	500	ND (0.39)	ND (0.39)	-	-	-	-	-	-	-	ND (0.37)	ND (0.38)	-	-	-	-	-	-	-
Fluorene	500	ND (0.39)	ND (0.39)	-	-	-	-	-	-	-	ND (0.37)	ND (0.38)	-	-	-	-	-	-	-
Hexachlorobenzene	6	ND (0.039)	ND (0.039)	-	-	-	-	-	-	-	ND (0.037)	ND (0.038)	-	-	-	-	-	-	-
Hexachlorobutadiene	NA	ND (0.079)	ND (0.079)	-	-	-	-	-	-	-	ND (0.075)	ND (0.078)	-	-	-	-	-	-	-
Hexachlorocyclopentadiene	NA	ND (0.39)	ND (0.39)	-	-	-	-	-	-	-	ND (0.37)	ND (0.38)	-	-	-	-	-	-	-
Hexachloroethane	NA	ND (0.039)	ND (0.039)	-	-	-	-	-	-	-	ND (0.037)	ND (0.038)	-	-	-	-	-	-	-
Indeno(1,2,3-cd)pyrene	5.6	ND (0.039)	ND (0.039)	-	-	-	-	-	-	-	ND (0.037)	ND (0.038)	-	-	-	-	-	-	-
Isophorone	NA	ND (0.16)	ND (0.16)	-	-	-	-	-	-	-	ND (0.15)	ND (0.15)	-	-	-	-	-	-	-
Naphthalene	500	ND (0.39)	ND (0.39)	-	-	-	-	-	-	-	ND (0.37)	ND (0.38)	-	-	-	-	-	-	-
Nitrobenzene	NA	ND (0.039)	ND (0.039)	-	-	-	-	-	-	-	ND (0.037)	ND (0.038)	-	-	-	-	-	-	-
N-Nitrosodi-n-propylamine	NA	ND (0.039)	ND (0.039)	-	-	-	-	-	-	-	ND (0.037)	ND (0.038)	-	-	-	-	-	-	-
N-Nitrosodiphenylamine	NA	ND (0.39)	ND (0.39)	-	-	-	-	-	-	-	ND (0.37)	ND (0.38)	-	-	-	-	-	-	-
Pentachlorophenol	6.7	ND (0.31)	ND (0.31)	-	-	-	-	-	-	-	ND (0.3)	ND (0.31)	-	-	-	-	-	-	-
Phenanthrene	500	ND (0.39)	ND (0.39)	-	-	-	-	-	-	-	ND (0.37)	ND (0.38)	-	-	-	-	-	-	-
Phenol	500	ND (0.39)	ND (0.39)	-	-	-	-	-	-	-	ND (0.37)	ND (0.38)	-	-	-	-	-	-	-
Pyrene	500	ND (0.39)	ND (0.39)	-	-	-	-	-	-	-	ND (0.37)	ND (0.38)	-	-	-	-	-	-	-

TABLE 19
SUMMARY OF SOIL QUALITY DATA - BERM 54
FORMER PORT MOBIL TERMINAL
STATEN ISLAND, NEW YORK
FILE NO. 0208998

	Criteria																		
Location Name	NY Part 375	54A	54A	54A1	54A1	54A1	54A2	54A2	54A3	54A3	54B	54B	54B1	54B1	54B2	54B2	54B2	54B3	54B3
Sample Name	Commercial	54A_0-4	54A_4-8	54A1_0-1	54A1_4-5	54A1_7-8	54A2_1-2	54A2_6-7	54A3_2-3	54A3_5-6	54B_0-4	54B_4-8	54B1_0-1	54B1_2-3	54B2_3-4	54B2_4-5	54B2_7-8	54B3_5-6	54B3_6-7
Sample Date	Use	09/25/2025	09/25/2025	09/25/2025	09/25/2025	09/25/2025	09/25/2025	09/25/2025	09/25/2025	09/25/2025	09/25/2025	09/25/2025	09/25/2025	09/25/2025	09/25/2025	09/25/2025	09/25/2025	09/25/2025	09/25/2025
Lab Sample ID	Soil Cleanup	460-335747-9	460-335747-10	460-335747-66	460-335747-71	460-335747-68	460-335747-70	460-335747-72	460-335747-69	460-335747-67	460-335747-11	460-335747-12	460-335747-62	460-335747-64	460-335747-65	460-335747-48	460-335747-63	460-335747-60	460-335747-61
Sample Depth (bgs)	Objectives	0 - 4 (ft)	4 - 8 (ft)	0 - 1 (ft)	4 - 5 (ft)	7 - 8 (ft)	1 - 2 (ft)	6 - 7 (ft)	2 - 3 (ft)	5 - 6 (ft)	0 - 4 (ft)	4 - 8 (ft)	0 - 1 (ft)	2 - 3 (ft)	3 - 4 (ft)	4 - 5 (ft)	7 - 8 (ft)	5 - 6 (ft)	6 - 7 (ft)
PFAS (mg/kg)																			
11-Chloroeicosafluoro-3-Oxaundecane-1-Sulfonic Acid (11Cl-PF3OUdS)	NA	ND (0.0002)	ND (0.0002)	-	-	-	-	-	-	-	ND (0.0002)	ND (0.0002)	-	-	-	-	-	-	-
2H,2H,3H,3H-Perfluorooctanoic acid (5:3 FTCA)	NA	ND (0.001)	ND (0.001)	-	-	-	-	-	-	-	ND (0.001)	ND (0.001)	-	-	-	-	-	-	-
3-(Perfluoroheptyl)propanoic acid (7:3 FTCA)	NA	0.00052 J	0.00096 J	-	-	-	-	-	-	-	ND (0.001)	0.00086 J	-	-	-	-	-	-	-
3:3 Fluorotelomer carboxylic acid (3:3 FTCA)	NA	ND (0.0004)	ND (0.0004)	-	-	-	-	-	-	-	ND (0.0004)	ND (0.0004)	-	-	-	-	-	-	-
4,8-Dioxa-3H-Perfluorononanoic Acid (ADONA)	NA	ND (0.0002)	ND (0.0002)	-	-	-	-	-	-	-	ND (0.0002)	ND (0.0002)	-	-	-	-	-	-	-
4:2 Fluorotelomer sulfonic acid (4:2 FTS)	NA	ND (0.0004)	ND (0.0004)	-	-	-	-	-	-	-	ND (0.0004)	ND (0.0004)	-	-	-	-	-	-	-
6:2 Fluorotelomer sulfonic acid (6:2 FTS)	NA	ND (0.0004)	0.00044	-	-	-	-	-	-	-	ND (0.0004)	0.00055	-	-	-	-	-	-	-
8:2 Fluorotelomer sulfonic acid (8:2 FTS)	NA	0.00084	0.00323	-	-	-	-	-	-	-	0.00122	0.00258	-	-	-	-	-	-	-
9-Chlorohexadecafluoro-3-Oxanone-1-Sulfonic Acid (9Cl-PF3ONS)	NA	ND (0.0002)	ND (0.0002)	-	-	-	-	-	-	-	ND (0.0002)	ND (0.0002)	-	-	-	-	-	-	-
N-Ethyl Perfluorooctanesulfonamidoacetic Acid (NEtFOSAA)	NA	ND (0.0002)	ND (0.0002)	-	-	-	-	-	-	-	ND (0.0002)	ND (0.0002)	-	-	-	-	-	-	-
N-Ethylperfluorooctane sulfonamide (N-EtFOSA)	NA	ND (0.0002)	ND (0.0002)	-	-	-	-	-	-	-	ND (0.0002)	ND (0.0002)	-	-	-	-	-	-	-
N-Ethylperfluorooctane sulfonamidoethanol (N-EtFOSE)	NA	ND (0.001)	ND (0.001)	-	-	-	-	-	-	-	ND (0.001)	ND (0.001)	-	-	-	-	-	-	-
N-Methyl Perfluorooctanesulfonamidoacetic Acid (NMeFOSAA)	NA	ND (0.0002)	ND (0.0002)	-	-	-	-	-	-	-	ND (0.0002)	ND (0.0002)	-	-	-	-	-	-	-
N-Methylperfluorooctane sulfonamide (N-MeFOSA)	NA	ND (0.0002)	ND (0.0002)	-	-	-	-	-	-	-	ND (0.0002)	ND (0.0002)	-	-	-	-	-	-	-
N-Methylperfluorooctane sulfonamidoethanol (N-MeFOSE)	NA	ND (0.001)	ND (0.001)	-	-	-	-	-	-	-	ND (0.001)	ND (0.001)	-	-	-	-	-	-	-
Nonafluoro-3,6-dioxaheptanoic acid (NFDHA)	NA	ND (0.0002)	ND (0.0002)	-	-	-	-	-	-	-	ND (0.0002)	ND (0.0002)	-	-	-	-	-	-	-
Perfluoro(2-ethoxyethane) sulphonic acid (PFEESA)	NA	ND (0.0002)	ND (0.0002)	-	-	-	-	-	-	-	ND (0.0002)	ND (0.0002)	-	-	-	-	-	-	-
Perfluoro(4-methoxybutanoic) acid (PFMBA)	NA	ND (0.0002)	ND (0.0002)	-	-	-	-	-	-	-	ND (0.0002)	ND (0.0002)	-	-	-	-	-	-	-
Perfluoro-2-propoxypropanoic acid (PFPrOPrA)(GenX) (HFPO-DA)	NA	ND (0.0002)	ND (0.0002)	-	-	-	-	-	-	-	ND (0.0002)	ND (0.0002)	-	-	-	-	-	-	-
Perfluoro-3-methoxypropanoic acid (PFMPA)	NA	ND (0.0002)	ND (0.0002)	-	-	-	-	-	-	-	ND (0.0002)	ND (0.0002)	-	-	-	-	-	-	-
Perfluorobutanesulfonic acid (PFBS)	NA	ND (0.0002)	ND (0.0002)	-	-	-	-	-	-	-	ND (0.0002)	ND (0.0002)	-	-	-	-	-	-	-
Perfluorobutanoic acid (PFBA)	NA	ND (0.0004)	ND (0.0004)	-	-	-	-	-	-	-	ND (0.0004)	ND (0.0004)	-	-	-	-	-	-	-
Perfluorodecanesulfonic acid (PFDS)	NA	ND (0.0002)	ND (0.0002)	-	-	-	-	-	-	-	ND (0.0002)	ND (0.0002)	-	-	-	-	-	-	-
Perfluorodecanoic acid (PFDA)	NA	0.0107	0.00093	-	-	-	-	-	-	-	0.00062	0.00047	-	-	-	-	-	-	-
Perfluorododecane sulfonic acid (PFDoDS)	NA	ND (0.0002)	ND (0.0002)	-	-	-	-	-	-	-	ND (0.0002)	ND (0.0002)	-	-	-	-	-	-	-
Perfluorododecanoic acid (PFDoDA)	NA	0.0005	0.0015	-	-	-	-	-	-	-	0.00054	0.00082	-	-	-	-	-	-	-
Perfluoroheptanesulfonic acid (PFHpS)	NA	ND (0.0002)	ND (0.0002)	-	-	-	-	-	-	-	ND (0.0002)	ND (0.0002)	-	-	-	-	-	-	-
Perfluoroheptanoic acid (PFHpA)	NA	0.00013 J	0.00012 J	-	-	-	-	-	-	-	0.00021	0.0001 J	-	-	-	-	-	-	-
Perfluorohexanesulfonic acid (PFHxS)	NA	ND (0.0002)	ND (0.0002)	-	-	-	-	-	-	-	ND (0.0002)	ND (0.0002)	-	-	-	-	-	-	-
Perfluorohexanoic acid (PFHxA)	NA	ND (0.0002)	ND (0.0002)	-	-	-	-	-	-	-	0.00015 J	0.00011 J	-	-	-	-	-	-	-
Perfluorononane sulfonic acid (PFNS)	NA	ND (0.0002)	ND (0.0002)	-	-	-	-	-	-	-	ND (0.0002)	ND (0.0002)	-	-	-	-	-	-	-
Perfluorononanoic acid (PFNA)	NA	0.00163	0.00059	-	-	-	-	-	-	-	0.00039	0.00077	-	-	-	-	-	-	-
Perfluorooctane sulfonamide (PFOSA)	NA	ND (0.0002)	ND (0.0002)	-	-	-	-	-	-	-	ND (0.0002)	ND (0.0002)	-	-	-	-	-	-	-
Perfluorooctanesulfonic acid (PFOS)	0.44	0.00011 J	ND (0.0002)	-	-	-	-	-	-	-	ND (0.0002)	ND (0.0002)	-	-	-	-	-	-	-
Perfluorooctanoic acid (PFOA)	0.5	0.00024	0.00019 J	-	-	-	-	-	-	-	0.00015 J	0.00016 J	-	-	-	-	-	-	-
Perfluoropentanesulfonic acid (PFPeS)	NA	ND (0.0002)	ND (0.0002)	-	-	-	-	-	-	-	ND (0.0002)	ND (0.0002)	-	-	-	-	-	-	-
Perfluoropentanoic acid (PFPeA)	NA	ND (0.0002)	ND (0.0002)	-	-	-	-	-	-	-	0.00018 J	0.0001 J	-	-	-	-	-	-	-
Perfluorotetradecanoic acid (PFTeDA)	NA	0.00011 J	0.00045	-	-	-	-	-	-	-	ND (0.0002)	0.00024	-	-	-	-	-	-	-
Perfluorotridecanoic acid (PFTrDA)	NA	0.00299	0.00874	-	-	-	-	-	-	-	0.00258	0.00522	-	-	-	-	-	-	-
Perfluoroundecanoic acid (PFUnDA)	NA	0.00371	0.005	-	-	-	-	-	-	-	0.00936	0.00644	-	-	-	-	-	-	-
Pesticides (mg/kg)																			
4,4'-DDD	92	ND (0.008)	ND (0.0079)	-	-	-	-	-	-	-	ND (0.0076)	ND (0.0078)	-	-	-	-	-	-	-
4,4'-DDE	62	ND (0.008)	ND (0.0079)	-	-	-	-	-	-	-	ND (0.0076)	ND (0.0078)	-	-	-	-	-	-	-
4,4'-DDT	47	ND (0.008)	ND (0.0079)	-	-	-	-	-	-	-	ND (0.0076)	0.0053 J	-	-	-	-	-	-	-
Aldrin	0.68	ND (0.008)	ND (0.0079)	-	-	-	-	-	-	-	ND (0.0076)	ND (0.0078)	-	-	-	-	-	-	-
alpha-BHC	3.4	ND (0.0024)	ND (0.0023)	-	-	-	-	-	-	-	ND (0.0023)	ND (0.0023)	-	-	-	-	-	-	-
alpha-Chlordane (cis)	24	ND (0.008)	ND (0.0079)	-	-	-	-	-	-	-	ND (0.0076)	ND (0.0078)	-	-	-	-	-	-	-
beta-BHC	3	ND (0.0024)	ND (0.0023)	-	-	-	-	-	-	-	ND (0.0023)	ND (0.0023)	-	-	-	-	-	-	-
Chlordane	NA	ND (0.08)	ND (0.079)	-	-	-	-	-	-	-	ND (0.076)	ND (0.078)	-	-	-	-	-	-	-
delta-BHC	500	ND (0.0024)	ND (0.0023)	-	-	-	-	-	-	-	ND (0.0023)	ND (0.0023)	-	-	-	-	-	-	-
Dieldrin	1.4	ND (0.0024)	ND (0.0023)	-	-	-	-	-	-	-	ND (0.0023)	ND (0.0023)	-	-	-	-	-	-	-
Endosulfan I	200	ND (0.008)	ND (0.0079)	-	-	-	-	-	-	-	ND (0.0076)	ND (0.0078)	-	-	-	-	-	-	-
Endosulfan II	200	ND (0.008)	ND (0.0079)	-	-	-	-	-	-	-	ND (0.0076)	ND (0.0078)	-	-	-	-	-	-	-
Endosulfan sulfate	200	ND (0.008)	ND (0.0079)	-	-	-	-	-	-	-	ND (0.0076)	ND (0.0078)	-	-	-	-	-	-	-
Endrin	89	ND (0.008)	ND (0.0079)	-	-	-	-	-	-	-	ND (0.0076)	ND (0.0078)	-	-	-	-	-	-	-
Endrin aldehyde	NA	ND (0.008)	ND (0.0079)	-	-	-	-	-	-	-	ND (0.0076)	ND (0.0078)	-	-	-	-	-	-	-
Endrin ketone	NA	ND (0.008)	ND (0.0079)	-	-	-	-	-	-	-	ND (0.0076)	ND (0.0078)	-	-	-	-	-	-	-
gamma-BHC (Lindane)	9.2	ND (0.0024)	ND (0.0023)	-	-	-	-	-	-	-	ND (0.0023)	ND (0.0023)	-	-	-	-	-	-	-
Heptachlor	15	ND (0.008)	ND (0.0079)	-	-	-	-	-	-	-	ND (0.0076)	ND (0.0078)	-	-	-	-	-	-	-
Heptachlor epoxide	NA	ND (0.008)	ND (0.0079)	-	-	-	-	-	-	-	ND (0.0076)	ND (0.0078)	-	-	-	-	-	-	-
Methoxychlor	NA	ND (0.008)	ND (0.0079)	-	-	-	-	-	-	-	ND (0.0076)	ND (0.0078)	-	-	-	-	-	-	-
Toxaphene	NA	ND (0.08)	ND (0.079)	-	-	-	-	-	-	-	ND (0.076)	ND (0.078)	-	-	-	-	-	-	-

TABLE 19
SUMMARY OF SOIL QUALITY DATA - BERM 54
FORMER PORT MOBIL TERMINAL
STATEN ISLAND, NEW YORK
FILE NO. 0208998

	Criteria																		
Location Name	NY Part 375	54A	54A	54A1	54A1	54A1	54A2	54A2	54A3	54A3	54B	54B	54B1	54B1	54B2	54B2	54B2	54B3	54B3
Sample Name	Commercial	54A_0-4	54A_4-8	54A1_0-1	54A1_4-5	54A1_7-8	54A2_1-2	54A2_6-7	54A3_2-3	54A3_5-6	54B_0-4	54B_4-8	54B1_0-1	54B1_2-3	54B2_3-4	54B2_4-5	54B2_7-8	54B3_5-6	54B3_6-7
Sample Date	Use	09/25/2025	09/25/2025	09/25/2025	09/25/2025	09/25/2025	09/25/2025	09/25/2025	09/25/2025	09/25/2025	09/25/2025	09/25/2025	09/25/2025	09/25/2025	09/25/2025	09/25/2025	09/25/2025	09/25/2025	09/25/2025
Lab Sample ID	Soil Cleanup	460-335747-9	460-335747-10	460-335747-66	460-335747-71	460-335747-68	460-335747-70	460-335747-72	460-335747-69	460-335747-67	460-335747-11	460-335747-12	460-335747-62	460-335747-64	460-335747-65	460-335747-48	460-335747-63	460-335747-60	460-335747-61
Sample Depth (bgs)	Objectives	0 - 4 (ft)	4 - 8 (ft)	0 - 1 (ft)	4 - 5 (ft)	7 - 8 (ft)	1 - 2 (ft)	6 - 7 (ft)	2 - 3 (ft)	5 - 6 (ft)	0 - 4 (ft)	4 - 8 (ft)	0 - 1 (ft)	2 - 3 (ft)	3 - 4 (ft)	4 - 5 (ft)	7 - 8 (ft)	5 - 6 (ft)	6 - 7 (ft)
Polychlorinated Biphenyls (mg/kg)																			
Aroclor-1016 (PCB-1016)	NA	ND (0.08)	ND (0.079)	-	-	-	-	-	-	-	ND (0.076)	ND (0.078)	-	-	-	-	-	-	-
Aroclor-1221 (PCB-1221)	NA	ND (0.08)	ND (0.079)	-	-	-	-	-	-	-	ND (0.076)	ND (0.078)	-	-	-	-	-	-	-
Aroclor-1232 (PCB-1232)	NA	ND (0.08)	ND (0.079)	-	-	-	-	-	-	-	ND (0.076)	ND (0.078)	-	-	-	-	-	-	-
Aroclor-1242 (PCB-1242)	NA	ND (0.08)	ND (0.079)	-	-	-	-	-	-	-	ND (0.076)	ND (0.078)	-	-	-	-	-	-	-
Aroclor-1248 (PCB-1248)	NA	ND (0.08)	ND (0.079)	-	-	-	-	-	-	-	ND (0.076)	ND (0.078)	-	-	-	-	-	-	-
Aroclor-1254 (PCB-1254)	NA	ND (0.08)	ND (0.079)	-	-	-	-	-	-	-	ND (0.076)	ND (0.078)	-	-	-	-	-	-	-
Aroclor-1260 (PCB-1260)	NA	ND (0.08)	ND (0.079)	-	-	-	-	-	-	-	0.056 J	ND (0.078)	-	-	-	-	-	-	-
Aroclor-1262 (PCB-1262)	NA	ND (0.08)	ND (0.079)	-	-	-	-	-	-	-	ND (0.076)	ND (0.078)	-	-	-	-	-	-	-
Aroclor-1268 (PCB-1268)	NA	ND (0.08)	ND (0.079)	-	-	-	-	-	-	-	ND (0.076)	ND (0.078)	-	-	-	-	-	-	-
Total PCBs	1	ND (0.08)	ND (0.079)	-	-	-	-	-	-	-	0.056 J	ND (0.078)	-	-	-	-	-	-	-
Inorganic Compounds (mg/kg)																			
Aluminum	NA	5330	6380	-	-	-	-	-	-	-	7820	5650	-	-	-	-	-	-	-
Antimony	NA	0.26 J	0.43 J	-	-	-	-	-	-	-	1.1	1.1	-	-	-	-	-	-	-
Arsenic	16	5.3	6.7	-	-	-	-	-	-	-	9.2	8.7	-	-	-	-	-	-	-
Barium	400	32.8	37.1	-	-	-	-	-	-	-	77.6	47.8	-	-	-	-	-	-	-
Beryllium	590	0.39 J	0.51	-	-	-	-	-	-	-	1.3	0.5	-	-	-	-	-	-	-
Cadmium	9.3	ND (1.1)	0.18 J	-	-	-	-	-	-	-	1.1	0.28 J	-	-	-	-	-	-	-
Calcium	NA	604	789	-	-	-	-	-	-	-	2270	1090	-	-	-	-	-	-	-
Chromium	NA	11.3	14.8	-	-	-	-	-	-	-	35.2	18	-	-	-	-	-	-	-
Cobalt	NA	4.6	5.4	-	-	-	-	-	-	-	9	5.7	-	-	-	-	-	-	-
Copper	270	23	27.6	-	-	-	-	-	-	-	92.9	56.8	-	-	-	-	-	-	-
Iron	NA	15000	18800	-	-	-	-	-	-	-	21700	22200	-	-	-	-	-	-	-
Lead	1000	24.5	88.8	-	-	-	-	-	-	-	309	167	-	-	-	-	-	-	-
Magnesium	NA	1400	2000	-	-	-	-	-	-	-	2450	1680	-	-	-	-	-	-	-
Manganese	10000	164	203	-	-	-	-	-	-	-	197	182	-	-	-	-	-	-	-
Mercury	2.8	0.024	0.027	-	-	-	-	-	-	-	0.04	0.043	-	-	-	-	-	-	-
Nickel	310	13.7	16.6	-	-	-	-	-	-	-	34.4	62.9	-	-	-	-	-	-	-
Potassium	NA	703	962	-	-	-	-	-	-	-	1070	798	-	-	-	-	-	-	-
Selenium	1500	0.29 J	0.16 J	-	-	-	-	-	-	-	0.43 J	0.5 J	-	-	-	-	-	-	-
Silver	1500	ND (0.45)	0.14 J	-	-	-	-	-	-	-	0.37 J	0.35 J	-	-	-	-	-	-	-
Sodium	NA	52.2 J	63.6 J	-	-	-	-	-	-	-	364	75.8 J	-	-	-	-	-	-	-
Thallium	NA	0.05 J	0.082 J	-	-	-	-	-	-	-	0.091 J	0.07 J	-	-	-	-	-	-	-
Vanadium	NA	17.9	22.6	-	-	-	-	-	-	-	29.2	24.8	-	-	-	-	-	-	-
Zinc	10000	33.8	74	-	-	-	-	-	-	-	4530	111	-	-	-	-	-	-	-

ABBREVIATIONS AND NOTES:

mg/kg: milligram per kilogram

**: LCS or LCSD is outside acceptance limits.*
-: Not Analyzed
B: Compound was found in the blank and the associated sample.
bgs: below ground surface
ft: feet
J: Value is estimated.
NA: Not Applicable
ND (2.5): Not detected, number in parentheses is the laboratory reporting limit

- For test methods used, see the laboratory data sheets.
- Soil analytical results are compared to the New York State Department of Environmental Conservation (NYSDEC) Title 6 of the Official Compilation of New York Codes, Rules, and Regulations (NYCRR) Part 375 Commercial Use Soil Cleanup Objectives (SCO).
- Grey shading indicates an exceedance of the Commercial Use Soil Cleanup Objectives.

TABLE 19
SUMMARY OF SOIL QUALITY DATA - BERM 54
FORMER PORT MOBIL TERMINAL
STATEN ISLAND, NEW YORK
FILE NO. 0208998

	Criteria																		
Location Name	NY Part 375	54C	54C	54C1	54C1	54C1	54C2	54C2	54C3	54C3	54D	54D	54D1	54D1	54D1	54D2	54D2	54D3	54D3
Sample Name	Commercial	54C_0-4	54C_4-8	54C1_3-4	54C1_4-5	54C1_7-8	54C2_2-3	54C2_6-7	54C3_1-2	54C3_5-6	54D_0-4	54D_4-8	54D1_0-1	54D1_6-7	54D1_5-6	54D2_3-4	54D2_4-5	54D3_1-2	54D3_2-3
Sample Date	Use	09/25/2025	09/25/2025	09/25/2025	09/25/2025	09/25/2025	09/25/2025	09/25/2025	09/25/2025	09/25/2025	09/25/2025	09/25/2025	09/25/2025	09/25/2025	09/25/2025	09/25/2025	09/25/2025	09/25/2025	09/25/2025
Lab Sample ID	Soil Cleanup	460-335747-13	460-335747-14	460-335747-46	460-335747-41	460-335747-44	460-335747-45	460-335747-47	460-335747-42	460-335747-43	460-335747-15	460-335747-16	460-335747-40	460-335747-57	460-335747-58	460-335747-59	460-335747-56	460-335747-38	460-335747-39
Sample Depth (bgs)	Objectives	0 - 4 (ft)	4 - 8 (ft)	3 - 4 (ft)	4 - 5 (ft)	7 - 8 (ft)	2 - 3 (ft)	6 - 7 (ft)	1 - 2 (ft)	5 - 6 (ft)	0 - 4 (ft)	4 - 8 (ft)	0 - 1 (ft)	4 - 7 (ft)	5 - 6 (ft)	3 - 4 (ft)	4 - 5 (ft)	1 - 2 (ft)	2 - 3 (ft)
Volatile Organic Compounds (mg/kg)																			
1,1,1-Trichloroethane	500	-	-	ND (0.00086)	ND (0.0011)	ND (0.00087)	ND (0.00089)	ND (0.00038)	ND (0.001)	ND (0.00091)	-	-	ND (0.00094)	ND (0.00093)	ND (0.001)	ND (0.001)	ND (0.001)	ND (0.0011)	ND (0.00095)
1,1,2,2-Tetrachloroethane	NA	-	-	ND (0.00086)	ND (0.0011)	ND (0.00087)	ND (0.00089)	ND (0.00038)	ND (0.001)	ND (0.00091)	-	-	ND (0.00094)	ND (0.00093)	ND (0.001)	ND (0.001)	ND (0.001)	ND (0.0011)	ND (0.00095)
1,1,2-Trichloroethane	NA	-	-	ND (0.00086)	ND (0.0011)	ND (0.00087)	ND (0.00089)	ND (0.00038)	ND (0.001)	ND (0.00091)	-	-	ND (0.00094)	ND (0.00093)	ND (0.001)	ND (0.001)	ND (0.001)	ND (0.0011)	ND (0.00095)
1,1-Dichloroethane	240	-	-	ND (0.00086)	ND (0.0011)	ND (0.00087)	ND (0.00089)	ND (0.00038)	ND (0.001)	ND (0.00091)	-	-	ND (0.00094)	ND (0.00093)	ND (0.001)	ND (0.001)	ND (0.001)	ND (0.0011)	ND (0.00095)
1,1-Dichloroethene	500	-	-	ND (0.00086)	ND (0.0011)	ND (0.00087)	ND (0.00089)	ND (0.00038)	ND (0.001)	ND (0.00091)	-	-	ND (0.00094)	ND (0.00093)	ND (0.001)	ND (0.001)	ND (0.001)	ND (0.0011)	ND (0.00095)
1,2,3-Trichlorobenzene	NA	-	-	ND (0.00086)	ND (0.0011)	ND (0.00087)	ND (0.00089)	ND (0.00038)	ND (0.001)	ND (0.00091)	-	-	ND (0.00094)	ND (0.00093)	ND (0.001)	ND (0.001)	ND (0.001)	ND (0.0011)	ND (0.00095)
1,2,4-Trichlorobenzene	NA	-	-	ND (0.00086)	ND (0.0011)	ND (0.00087)	ND (0.00089)	ND (0.00038)	ND (0.001)	ND (0.00091)	-	-	ND (0.00094)	ND (0.00093)	ND (0.001)	ND (0.001)	ND (0.001)	ND (0.0011)	ND (0.00095)
1,2,4-Trimethylbenzene	190	-	-	ND (0.00086)	ND (0.0011)	ND (0.00087)	ND (0.00089)	ND (0.00038)	ND (0.001)	ND (0.00091)	-	-	ND (0.00094)	ND (0.00093)	ND (0.001)	ND (0.001)	ND (0.001)	ND (0.0011)	ND (0.00095)
1,2-Dibromo-3-chloropropane (DBCP)	NA	-	-	ND (0.00086)	ND (0.0011)	ND (0.00087)	ND (0.00089)	ND (0.00038)	ND (0.001)	ND (0.00091)	-	-	ND (0.00094)	ND (0.00093)	ND (0.001)	ND (0.001)	ND (0.001)	ND (0.0011)	ND (0.00095)
1,2-Dibromoethane (Ethylene Dibromide)	NA	-	-	ND (0.00086)	ND (0.0011)	ND (0.00087)	ND (0.00089)	ND (0.00038)	ND (0.001)	ND (0.00091)	-	-	ND (0.00094)	ND (0.00093)	ND (0.001)	ND (0.001)	ND (0.001)	ND (0.0011)	ND (0.00095)
1,2-Dichlorobenzene	500	-	-	ND (0.00086)	ND (0.0011)	ND (0.00087)	ND (0.00089)	ND (0.00038)	ND (0.001)	ND (0.00091)	-	-	ND (0.00094)	ND (0.00093)	ND (0.001)	ND (0.001)	ND (0.001)	ND (0.0011)	ND (0.00095)
1,2-Dichloroethane	30	-	-	ND (0.00086)	ND (0.0011)	ND (0.00087)	ND (0.00089)	ND (0.00038)	ND (0.001)	ND (0.00091)	-	-	ND (0.00094) *	ND (0.00093)	ND (0.001)	ND (0.001)	ND (0.001)	ND (0.0011) *	ND (0.00095) *
1,2-Dichloropropane	NA	-	-	ND (0.00086)	ND (0.0011)	ND (0.00087)	ND (0.00089)	ND (0.00038)	ND (0.001)	ND (0.00091)	-	-	ND (0.00094)	ND (0.00093)	ND (0.001)	ND (0.001)	ND (0.001)	ND (0.0011)	ND (0.00095)
1,3,5-Trimethylbenzene	190	-	-	ND (0.00086)	ND (0.0011)	ND (0.00087)	ND (0.00089)	ND (0.00038)	ND (0.001)	ND (0.00091)	-	-	ND (0.00094)	ND (0.00093)	ND (0.001)	ND (0.001)	ND (0.001)	ND (0.0011)	ND (0.00095)
1,3-Dichlorobenzene	280	-	-	ND (0.00086)	ND (0.0011)	ND (0.00087)	ND (0.00089)	ND (0.00038)	ND (0.001)	ND (0.00091)	-	-	ND (0.00094)	ND (0.00093)	ND (0.001)	ND (0.001)	ND (0.001)	ND (0.0011)	ND (0.00095)
1,4-Dichlorobenzene	130	-	-	ND (0.00086)	ND (0.0011)	ND (0.00087)	ND (0.00089)	ND (0.00038)	ND (0.001)	ND (0.00091)	-	-	ND (0.00094)	ND (0.00093)	ND (0.001)	ND (0.001)	ND (0.001)	ND (0.0011)	ND (0.00095)
2-Butanone (Methyl Ethyl Ketone)	500	-	-	ND (0.0043)	ND (0.0053)	ND (0.0043)	ND (0.0045)	ND (0.0019)	ND (0.005)	ND (0.0046)	-	-	ND (0.0047)	ND (0.0047)	ND (0.005)	ND (0.005)	ND (0.0051)	ND (0.0053)	ND (0.0047)
2-Hexanone (Methyl Butyl Ketone)	NA	-	-	ND (0.0043)	ND (0.0053)	ND (0.0043)	ND (0.0045)	ND (0.0019)	ND (0.005)	ND (0.0046)	-	-	ND (0.0047) *	ND (0.0047)	ND (0.005)	ND (0.005)	ND (0.0051)	ND (0.0053) *	ND (0.0047) *
2-Phenylbutane (sec-Butylbenzene)	500	-	-	ND (0.00086)	ND (0.0011)	ND (0.00087)	ND (0.00089)	ND (0.00038)	ND (0.001)	ND (0.00091)	-	-	ND (0.00094)	ND (0.00093)	ND (0.001)	ND (0.001)	ND (0.001)	ND (0.0011)	ND (0.00095)
4-Methyl-2-Pentanone (Methyl Isobutyl Ketone)	NA	-	-	ND (0.0043)	ND (0.0053)	ND (0.0043)	ND (0.0045)	ND (0.0019)	ND (0.005)	ND (0.0046)	-	-	ND (0.0047) *	ND (0.0047)	ND (0.005)	ND (0.005)	ND (0.0051)	ND (0.0053) *	ND (0.0047) *
Acetone	500	-	-	ND (0.0052)	ND (0.0063)	ND (0.0052)	ND (0.0053)	0.004	ND (0.006)	ND (0.0055)	-	-	ND (0.0057)	ND (0.0056)	ND (0.006)	ND (0.0061)	ND (0.0061)	ND (0.0064)	0.0079
Benzene	44	-	-	ND (0.00086)	ND (0.0011)	ND (0.00087)	ND (0.00089)	ND (0.00038)	ND (0.001)	ND (0.00091)	-	-	ND (0.00094)	ND (0.00093)	ND (0.001)	ND (0.001)	ND (0.001)	ND (0.0011)	ND (0.00095)
Bromodichloromethane	NA	-	-	ND (0.00086)	ND (0.0011)	ND (0.00087)	ND (0.00089)	ND (0.00038)	ND (0.001)	ND (0.00091)	-	-	ND (0.00094)	ND (0.00093)	ND (0.001)	ND (0.001)	ND (0.001)	ND (0.0011)	ND (0.00095)
Bromoform	NA	-	-	ND (0.00086) *	ND (0.0011)	ND (0.00087)	ND (0.00089)	ND (0.00038) *	ND (0.001)	ND (0.00091)	-	-	ND (0.00094)	ND (0.00093)	ND (0.001)	ND (0.001)	ND (0.001)	ND (0.0011)	ND (0.00095)
Bromomethane (Methyl Bromide)	NA	-	-	ND (0.0017)	ND (0.0021)	ND (0.0017)	ND (0.0018)	ND (0.00075)	ND (0.002)	ND (0.0018)	-	-	ND (0.0019)	ND (0.0019)	ND (0.002)	ND (0.002)	ND (0.002)	ND (0.0021)	ND (0.0019)
Carbon disulfide	NA	-	-	ND (0.00086)	ND (0.0011)	ND (0.00087)	ND (0.00089)	ND (0.00038)	ND (0.001)	ND (0.00091)	-	-	ND (0.00094)	ND (0.00093)	ND (0.001)	ND (0.001)	ND (0.001)	ND (0.0011)	ND (0.00095)
Carbon tetrachloride	22	-	-	ND (0.00086)	ND (0.0011)	ND (0.00087)	ND (0.00089)	ND (0.00038)	ND (0.001)	ND (0.00091)	-	-	ND (0.00094)	ND (0.00093)	ND (0.001)	ND (0.001)	ND (0.001)	ND (0.0011)	ND (0.00095)
Chlorobenzene	500	-	-	ND (0.00086)	ND (0.0011)	ND (0.00087)	ND (0.00089)	ND (0.00038)	ND (0.001)	ND (0.00091)	-	-	ND (0.00094)	ND (0.00093)	ND (0.001)	ND (0.001)	ND (0.001)	ND (0.0011)	ND (0.00095)
Chlorobromomethane	NA	-	-	ND (0.00086)	ND (0.0011)	ND (0.00087)	ND (0.00089)	ND (0.00038)	ND (0.001)	ND (0.00091)	-	-	ND (0.00094)	ND (0.00093)	ND (0.001)	ND (0.001)	ND (0.001)	ND (0.0011)	ND (0.00095)
Chloroethane	NA	-	-	ND (0.00086)	ND (0.0011)	ND (0.00087)	ND (0.00089)	ND (0.00038)	ND (0.001)	ND (0.00091)	-	-	ND (0.00094)	ND (0.00093)	ND (0.001)	ND (0.001)	ND (0.001)	ND (0.0011)	ND (0.00095)
Chloroform (Trichloromethane)	350	-	-	ND (0.00086)	ND (0.0011)	ND (0.00087)	ND (0.00089)	ND (0.00038)	ND (0.001)	ND (0.00091)	-	-	ND (0.00094)	ND (0.00093)	ND (0.001)	ND (0.001)	ND (0.001)	ND (0.0011)	ND (0.00095)
Chloromethane (Methyl Chloride)	NA	-	-	ND (0.00086)	ND (0.0011)	ND (0.00087)	ND (0.00089)	ND (0.00038)	ND (0.001)	ND (0.00091)	-	-	ND (0.00094)	ND (0.00093)	ND (0.001)	ND (0.001)	ND (0.001)	ND (0.0011)	ND (0.00095)
cis-1,2-Dichloroethene	500	-	-	ND (0.00086)	ND (0.0011)	ND (0.00087)	ND (0.00089)	ND (0.00038)	ND (0.001)	ND (0.00091)	-	-	ND (0.00094)	ND (0.00093)	ND (0.001)	ND (0.001)	ND (0.001)	ND (0.0011)	ND (0.00095)
cis-1,3-Dichloropropene	NA	-	-	ND (0.00086)	ND (0.0011)	ND (0.00087)	ND (0.00089)	ND (0.00038)	ND (0.001)	ND (0.00091)	-	-	ND (0.00094)	ND (0.00093)	ND (0.001)	ND (0.001)	ND (0.001)	ND (0.0011)	ND (0.00095)
Cyclohexane	NA	-	-	ND (0.00086)	ND (0.0011)	ND (0.00087)	ND (0.00089)	ND (0.00038)	ND (0.001)	ND (0.00091)	-	-	ND (0.00094)	ND (0.00093)	ND (0.001)	ND (0.001)	ND (0.001)	ND (0.0011)	ND (0.00095)
Dibromochloromethane	NA	-	-	ND (0.00086) *	ND (0.0011)	ND (0.00087)	ND (0.00089)	ND (0.00038) *	ND (0.001)	ND (0.00091)	-	-	ND (0.00094)	ND (0.00093)	ND (0.001)	ND (0.001)	ND (0.001)	ND (0.0011)	ND (0.00095)
Dichlorodifluoromethane (CFC-12)	NA	-	-	ND (0.00086)	ND (0.0011)	ND (0.00087)	ND (0.00089)	ND (0.00038)	ND (0.001)	ND (0.00091)	-	-	ND (0.00094)	ND (0.00093)	ND (0.001)	ND (0.001)	ND (0.001)	ND (0.0011)	ND (0.00095)
Ethylbenzene	390	-	-	ND (0.00086)	ND (0.0011)	ND (0.00087)	ND (0.00089)	ND (0.00038)	ND (0.001)	ND (0.00091)	-	-	ND (0.00094)	ND (0.00093)	ND (0.001)	ND (0.001)	ND (0.001)	ND (0.0011)	ND (0.00095)
Isopropylbenzene (Cumene)	NA	-	-	ND (0.00086)	ND (0.0011)	ND (0.00087)	ND (0.00089)	ND (0.00038)	ND (0.001)	ND (0.00091)	-	-	ND (0.00094)	ND (0.00093)	ND (0.001)	ND (0.001)	ND (0.001)	ND (0.0011)	ND (0.00095)
m,p-Xylenes	NA	-	-	ND (0.00086)	ND (0.0011)	ND (0.00087)	ND (0.00089)	ND (0.00038)	ND (0.001)	ND (0.00091)	-	-	ND (0.00094)	ND (0.00093)	ND (0.001)	ND (0.001)	ND (0.001)	ND (0.0011)	ND (0.00095)
Methyl acetate	NA	-	-	ND (0.0043) *	ND (0.0053)	ND (0.0043)	ND (0.0045)	ND (0.0019) *	ND (0.005)	ND (0.0046)	-	-	ND (0.0047)	ND (0.0047)	ND (0.005)	ND (0.005)	ND (0.0051)	ND (0.0053)	ND (0.0047)
Methyl Tert Butyl Ether (MTBE)	500	-	-	ND (0.00086)	ND (0.0011)	ND (0.00087)	ND (0.00089)	ND (0.00038)	ND (0.001)	ND (0.00091)	-	-	ND (0.00094)	ND (0.00093)	ND (0.001)	ND (0.001)	ND (0.001)	ND (0.0011)	ND (0.00095)
Methylcyclohexane	NA	-	-	ND (0.00086)	ND (0.0011)	ND (0.00087)	ND (0.00089)	ND (0.00038)	ND (0.001)	ND (0.00091)	-	-	ND (0.00094)	ND (0.00093)	ND (0.001)	ND (0.001)	ND (0.001)	ND (0.0011)	ND (0.00095)
Methylene chloride (Dichloromethane)	500	-	-	0.0031	0.0027	0.0025	0.0032	0.0063	0.0032	0.0021	-	-	0.0021	0.0016 J	0.0023	0.0034	0.0023	0.0032	0.0035
n-Butylbenzene	500	-	-	ND (0.00086)	ND (0.0011)	ND (0.00087)	ND (0.00089)	ND (0.00038)	ND (0.001)	ND (0.00091)	-	-	ND (0.00094)	ND (0.00093)	ND (0.001)	ND (0.001)	ND (0.001)	ND (0.0011)	ND (0.00095)
n-Propylbenzene	500	-	-	ND (0.00086)	ND (0.0011)	ND (0.00087)	ND (0.00089)	ND (0.00038)	ND (0.001)	ND (0.00091)	-	-	ND (0.00094)	ND (0.00093)	ND (0.001)	ND (0.001)	ND (0.001)	ND (0.0011)	ND (0.00095)
o-Xylene	NA	-	-	ND (0.00086)	ND (0.0011)	ND (0.00087)	ND (0.00089)	ND (0.00038)	ND (0.001)	ND (0.00091)	-	-	ND (0.00094)	ND (0.00093)	ND (0.001)	ND (0.001)	ND (0.001)	ND (0.0011)	ND (0.00095)
Styrene	NA	-	-	ND (0.00086)	ND (0.0011)	ND (0.00087)	ND (0.00089)	ND (0.00038)	ND (0.001)	ND (0.00091)	-	-	ND (0.00094)	ND (0.00093)	ND (0.001)	ND (0.001)	ND (0.001)	ND (0.0011)	ND (0.00095)
tert-Butylbenzene	500	-	-	ND (0.00086)	ND (0.0011)	ND (0.00087)	ND (0.00089)	ND (0.00038)	ND (0.001)	ND (0.00091)	-	-	ND (0.00094)	ND (0.00093)	ND (0.001)	ND (0.001)	ND (0.001)	ND (0.0011)	ND (0.00095)
Tetrachloroethene	150	-	-	ND (0.00086)	ND (0.0011)	ND (0.00087)	ND (0.00089)	ND (0.00038)	ND (0.001)	ND (0.00091)	-	-	ND (0.00094)	ND (0.00093)	ND (0.001)	ND (0.001)	ND (0.001)	ND (0.0011)	ND (0.00095)
Toluene	500	-	-	ND (0.00086)	ND (0.0011)	ND (0.00087)	ND (0.00089)	ND (0.00038)	ND (0.001)	ND (0.00091)	-	-	ND (0.00094)	ND (0.00093)	ND (0.001)	ND (0.001)	ND (0.001)	ND (0.0011)	ND (0.00095)
trans-1,2-Dichloroethene	500	-	-	ND (0.00086)	ND (0.0011)	ND (0.00087)	ND (0.00089)	ND (0.00038)	ND (0.001)	ND (0.00091)	-	-	ND (0.00094)	ND (0.00093)	ND (0.001)	ND (0.001)	ND (0.001)	ND (0.0011)	ND (0.00095)
trans-1,3-Dichloropropene	NA	-	-	ND (0.00086)	ND (0.0011)	ND (0.00087)	ND (0.00089)	ND (0.00038)	ND (0.001)	ND (0.00091)	-	-	ND (0.00094)	ND (0.00093)	ND (0.001)	ND (0.001)	ND (0.001)	ND (0.0011)	ND (0.00095)
Trichloroethene	200	-	-	ND (0.00086)	ND (0.0011)	ND (0.00087)	ND (0.00089)	ND (0.00038)	ND (0.001)	ND (0.00091)	-	-	ND (0.00094)	ND (0.00093)	ND (0.001)	ND (0.001)	ND (0.001)	ND (0.0011)	ND (0.00095)
Trichlorofluoromethane (CFC-11)	NA	-	-	ND (0.00086)	ND (0.0011)	ND (0.00087)	ND (0.00089)	ND (0.00038)	ND (0.001)	ND (0.00091)	-	-	ND (0.00094)	ND (0.00093)	ND (0.001)	ND (0.001)	ND (0.001)	ND (0.0011)	ND (0.00095)
Trifluorotrichloroethane (Freon 113)	NA	-	-	ND (0.00086)	ND (0.0011)	ND (0.00087)	ND (0.00089)	ND (0.00038)	ND (0.001)	ND (0.00091)	-	-	ND (0.00094) *	ND (0.00093)	ND (0.001)	ND (0.001)	ND (0.001)	ND (0.0011) *	ND (0.00095) *
Vinyl chloride	13	-	-	ND (0.00086)	ND (0.0011)	ND (0.00087)	ND (0.00089)	ND (0.00038)	ND (0.001)	ND (0.00091)	-	-	ND (0.00094)	ND (0.00093)	ND (0.001)	ND (0.001)	ND (0.001)	ND (0.0011)	ND (0.00095)
Xylene (Total)	500	-	-	ND (0.0017)	ND (0.0021)	ND (0.0017)	ND (0.0018)	ND (0.00075)	ND (0.002)	ND (0.0018)	-	-	ND (0.0019)	ND (0.0019)	ND (0.002)	ND (0.002)	ND (0.002)	ND (0.0021)	ND (0.0019)

TABLE 19
SUMMARY OF SOIL QUALITY DATA - BERM 54
FORMER PORT MOBIL TERMINAL
STATEN ISLAND, NEW YORK
FILE NO. 0208998

	Criteria																		
Location Name	NY Part 375	54C	54C	54C1	54C1	54C1	54C2	54C2	54C3	54C3	54D	54D	54D1	54D1	54D1	54D2	54D2	54D3	54D3
Sample Name	Commercial	54C_0-4	54C_4-8	54C1_3-4	54C1_4-5	54C1_7-8	54C2_2-3	54C2_6-7	54C3_1-2	54C3_5-6	54D_0-4	54D_4-8	54D1_0-1	54D1_6-7	54D1_5-6	54D2_3-4	54D2_4-5	54D3_1-2	54D3_2-3
Sample Date	Use	09/25/2025	09/25/2025	09/25/2025	09/25/2025	09/25/2025	09/25/2025	09/25/2025	09/25/2025	09/25/2025	09/25/2025	09/25/2025	09/25/2025	09/25/2025	09/25/2025	09/25/2025	09/25/2025	09/25/2025	09/25/2025
Lab Sample ID	Soil Cleanup	460-335747-13	460-335747-14	460-335747-46	460-335747-41	460-335747-44	460-335747-45	460-335747-47	460-335747-42	460-335747-43	460-335747-15	460-335747-16	460-335747-40	460-335747-57	460-335747-58	460-335747-59	460-335747-56	460-335747-38	460-335747-39
Sample Depth (bgs)	Objectives	0 - 4 (ft)	4 - 8 (ft)	3 - 4 (ft)	4 - 5 (ft)	7 - 8 (ft)	2 - 3 (ft)	6 - 7 (ft)	1 - 2 (ft)	5 - 6 (ft)	0 - 4 (ft)	4 - 8 (ft)	0 - 1 (ft)	4 - 7 (ft)	5 - 6 (ft)	3 - 4 (ft)	4 - 5 (ft)	1 - 2 (ft)	2 - 3 (ft)
Semi-Volatile Organic Compounds (mg/kg)																			
1,2,4,5-Tetrachlorobenzene	NA	ND (0.36)	ND (0.37)	-	-	-	-	-	-	-	ND (0.36)	ND (0.38)	-	-	-	-	-	-	-
1,4-Dioxane	130	ND (0.036)	ND (0.037)	-	-	-	-	-	-	-	ND (0.036)	ND (0.038)	-	-	-	-	-	-	-
2,2'-oxybis(1-Chloropropane)	NA	ND (0.36)	ND (0.37)	-	-	-	-	-	-	-	ND (0.36)	ND (0.38)	-	-	-	-	-	-	-
2,3,4,6-Tetrachlorophenol	NA	ND (0.36)	ND (0.37)	-	-	-	-	-	-	-	ND (0.36)	ND (0.38)	-	-	-	-	-	-	-
2,4,5-Trichlorophenol	NA	ND (0.36)	ND (0.37)	-	-	-	-	-	-	-	ND (0.36)	ND (0.38)	-	-	-	-	-	-	-
2,4,6-Trichlorophenol	NA	ND (0.14)	ND (0.15)	-	-	-	-	-	-	-	ND (0.15)	ND (0.15)	-	-	-	-	-	-	-
2,4-Dichlorophenol	NA	ND (0.14)	ND (0.15)	-	-	-	-	-	-	-	ND (0.15)	ND (0.15)	-	-	-	-	-	-	-
2,4-Dimethylphenol	NA	ND (0.36)	ND (0.37)	-	-	-	-	-	-	-	ND (0.36)	ND (0.38)	-	-	-	-	-	-	-
2,4-Dinitrophenol	NA	ND (0.29)	ND (0.3)	-	-	-	-	-	-	-	ND (0.29)	ND (0.3)	-	-	-	-	-	-	-
2,4-Dinitrotoluene	NA	ND (0.073)	ND (0.074)	-	-	-	-	-	-	-	ND (0.074)	ND (0.076)	-	-	-	-	-	-	-
2,6-Dinitrotoluene	NA	ND (0.073)	ND (0.074)	-	-	-	-	-	-	-	ND (0.074)	ND (0.076)	-	-	-	-	-	-	-
2-Chloronaphthalene	NA	ND (0.36)	ND (0.37)	-	-	-	-	-	-	-	ND (0.36)	ND (0.38)	-	-	-	-	-	-	-
2-Chlorophenol	NA	ND (0.36)	ND (0.37)	-	-	-	-	-	-	-	ND (0.36)	ND (0.38)	-	-	-	-	-	-	-
2-Methylnaphthalene	NA	ND (0.36)	ND (0.37)	-	-	-	-	-	-	-	ND (0.36)	ND (0.38)	-	-	-	-	-	-	-
2-Methylphenol (o-Cresol)	500	ND (0.36)	ND (0.37)	-	-	-	-	-	-	-	ND (0.36)	ND (0.38)	-	-	-	-	-	-	-
2-Nitroaniline	NA	ND (0.36)	ND (0.37)	-	-	-	-	-	-	-	ND (0.36)	ND (0.38)	-	-	-	-	-	-	-
2-Nitrophenol	NA	ND (0.36)	ND (0.37)	-	-	-	-	-	-	-	ND (0.36)	ND (0.38)	-	-	-	-	-	-	-
3&4-Methylphenol	NA	ND (0.36)	ND (0.37)	-	-	-	-	-	-	-	ND (0.36)	ND (0.38)	-	-	-	-	-	-	-
3,3'-Dichlorobenzidine	NA	ND (0.14)	ND (0.15)	-	-	-	-	-	-	-	ND (0.15)	ND (0.15)	-	-	-	-	-	-	-
3-Nitroaniline	NA	ND (0.36)	ND (0.37)	-	-	-	-	-	-	-	ND (0.36)	ND (0.38)	-	-	-	-	-	-	-
4,6-Dinitro-2-methylphenol	NA	ND (0.29)	ND (0.3)	-	-	-	-	-	-	-	ND (0.29)	ND (0.3)	-	-	-	-	-	-	-
4-Bromophenyl phenyl ether (BDE-3)	NA	ND (0.36)	ND (0.37)	-	-	-	-	-	-	-	ND (0.36)	ND (0.38)	-	-	-	-	-	-	-
4-Chloro-3-methylphenol	NA	ND (0.36)	ND (0.37)	-	-	-	-	-	-	-	ND (0.36)	ND (0.38)	-	-	-	-	-	-	-
4-Chloroaniline	NA	ND (0.36)	ND (0.37)	-	-	-	-	-	-	-	ND (0.36)	ND (0.38)	-	-	-	-	-	-	-
4-Chlorophenyl phenyl ether	NA	ND (0.36)	ND (0.37)	-	-	-	-	-	-	-	ND (0.36)	ND (0.38)	-	-	-	-	-	-	-
4-Methylphenol	500	ND (0.36)	ND (0.37)	-	-	-	-	-	-	-	ND (0.36)	ND (0.38)	-	-	-	-	-	-	-
4-Nitroaniline	NA	ND (0.36)	ND (0.37)	-	-	-	-	-	-	-	ND (0.36)	ND (0.38)	-	-	-	-	-	-	-
4-Nitrophenol	NA	ND (0.73)	ND (0.74)	-	-	-	-	-	-	-	ND (0.74)	ND (0.76)	-	-	-	-	-	-	-
Acenaphthene	500	ND (0.36)	ND (0.37)	-	-	-	-	-	-	-	ND (0.36)	ND (0.38)	-	-	-	-	-	-	-
Acenaphthylene	500	ND (0.36)	ND (0.37)	-	-	-	-	-	-	-	ND (0.36)	ND (0.38)	-	-	-	-	-	-	-
Acetophenone	NA	ND (0.36)	ND (0.37)	-	-	-	-	-	-	-	ND (0.36)	ND (0.38)	-	-	-	-	-	-	-
Anthracene	500	ND (0.36)	ND (0.37)	-	-	-	-	-	-	-	ND (0.36)	ND (0.38)	-	-	-	-	-	-	-
Atrazine	NA	ND (0.14) *	ND (0.15) *	-	-	-	-	-	-	-	ND (0.15) *	ND (0.15) *	-	-	-	-	-	-	-
Benzaldehyde	NA	ND (0.36)	ND (0.37)	-	-	-	-	-	-	-	ND (0.36)	ND (0.38)	-	-	-	-	-	-	-
Benzo(a)anthracene	5.6	ND (0.036)	ND (0.037)	-	-	-	-	-	-	-	ND (0.036)	ND (0.038)	-	-	-	-	-	-	-
Benzo(a)pyrene	1	ND (0.036)	ND (0.037)	-	-	-	-	-	-	-	ND (0.036)	ND (0.038)	-	-	-	-	-	-	-
Benzo(b)fluoranthene	5.6	ND (0.036)	ND (0.037)	-	-	-	-	-	-	-	ND (0.036)	ND (0.038)	-	-	-	-	-	-	-
Benzo(g,h,i)perylene	500	ND (0.36)	ND (0.37)	-	-	-	-	-	-	-	ND (0.36)	ND (0.38)	-	-	-	-	-	-	-
Benzo(k)fluoranthene	56	ND (0.036)	ND (0.037)	-	-	-	-	-	-	-	ND (0.036)	ND (0.038)	-	-	-	-	-	-	-
Biphenyl	NA	ND (0.36)	ND (0.37)	-	-	-	-	-	-	-	ND (0.36)	ND (0.38)	-	-	-	-	-	-	-
bis(2-Chloroethoxy)methane	NA	ND (0.36)	ND (0.37)	-	-	-	-	-	-	-	ND (0.36)	ND (0.38)	-	-	-	-	-	-	-
bis(2-Chloroethyl)ether	NA	ND (0.036)	ND (0.037)	-	-	-	-	-	-	-	ND (0.036)	ND (0.038)	-	-	-	-	-	-	-
bis(2-Ethylhexyl)phthalate	NA	ND (0.36)	ND (0.37)	-	-	-	-	-	-	-	ND (0.36)	ND (0.38)	-	-	-	-	-	-	-
Butyl benzylphthalate (BBP)	NA	ND (0.36)	ND (0.37)	-	-	-	-	-	-	-	ND (0.36)	ND (0.38)	-	-	-	-	-	-	-
Caprolactam	NA	ND (0.36) *	ND (0.37) *	-	-	-	-	-	-	-	ND (0.36) *	ND (0.38) *	-	-	-	-	-	-	-
Carbazole	NA	ND (0.36)	ND (0.37)	-	-	-	-	-	-	-	ND (0.36)	ND (0.38)	-	-	-	-	-	-	-
Chrysene	56	ND (0.36)	ND (0.37)	-	-	-	-	-	-	-	ND (0.36)	ND (0.38)	-	-	-	-	-	-	-
Dibenz(a,h)anthracene	0.56	ND (0.036)	ND (0.037)	-	-	-	-	-	-	-	ND (0.036)	ND (0.038)	-	-	-	-	-	-	-
Dibenzofuran	350	ND (0.36)	ND (0.37)	-	-	-	-	-	-	-	ND (0.36)	ND (0.38)	-	-	-	-	-	-	-
Diethyl phthalate	NA	ND (0.36)	ND (0.37)	-	-	-	-	-	-	-	ND (0.36)	ND (0.38)	-	-	-	-	-	-	-
Dimethyl phthalate	NA	ND (0.36)	ND (0.37)	-	-	-	-	-	-	-	ND (0.36)	ND (0.38)	-	-	-	-	-	-	-
Di-n-butylphthalate (DBP)	NA	ND (0.36)	0.019 J	-	-	-	-	-	-	-	0.02 J	ND (0.38)	-	-	-	-	-	-	-
Di-n-octyl phthalate (DnOP)	NA	ND (0.36)	ND (0.37)	-	-	-	-	-	-	-	ND (0.36)	ND (0.38)	-	-	-	-	-	-	-
Fluoranthene	500	ND (0.36)	ND (0.37)	-	-	-	-	-	-	-	ND (0.36)	ND (0.38)	-	-	-	-	-	-	-
Fluorene	500	ND (0.36)	ND (0.37)	-	-	-	-	-	-	-	ND (0.36)	ND (0.38)	-	-	-	-	-	-	-
Hexachlorobenzene	6	ND (0.036)	ND (0.037)	-	-	-	-	-	-	-	ND (0.036)	ND (0.038)	-	-	-	-	-	-	-
Hexachlorobutadiene	NA	ND (0.073)	ND (0.074)	-	-	-	-	-	-	-	ND (0.074)	ND (0.076)	-	-	-	-	-	-	-
Hexachlorocyclopentadiene	NA	ND (0.36)	ND (0.37)	-	-	-	-	-	-	-	ND (0.36)	ND (0.38)	-	-	-	-	-	-	-
Hexachloroethane	NA	ND (0.036)	ND (0.037)	-	-	-	-	-	-	-	ND (0.036)	ND (0.038)	-	-	-	-	-	-	-
Indeno(1,2,3-cd)pyrene	5.6	ND (0.036)	ND (0.037)	-	-	-	-	-	-	-	ND (0.036)	ND (0.038)	-	-	-	-	-	-	-
Isophorone	NA	ND (0.14)	ND (0.15)	-	-	-	-	-	-	-	ND (0.15)	ND (0.15)	-	-	-	-	-	-	-
Naphthalene	500	ND (0.36)	ND (0.37)	-	-	-	-	-	-	-	ND (0.36)	ND (0.38)	-	-	-	-	-	-	-
Nitrobenzene	NA	ND (0.036)	ND (0.037)	-	-	-	-	-	-	-	ND (0.036)	ND (0.038)	-	-	-	-	-	-	-
N-Nitrosodi-n-propylamine	NA	ND (0.036)	ND (0.037)	-	-	-	-	-	-	-	ND (0.036)	ND (0.038)	-	-	-	-	-	-	-
N-Nitrosodiphenylamine	NA	ND (0.36)	ND (0.37)	-	-	-	-	-	-	-	ND (0.36)	ND (0.38)	-	-	-	-	-	-	-
Pentachlorophenol	6.7	ND (0.29)	ND (0.3)	-	-	-	-	-	-	-	ND (0.29)	ND (0.3)	-	-	-	-	-	-	-
Phenanthrene	500	ND (0.36)	ND (0.37)	-	-	-	-	-	-	-	ND (0.36)	ND (0.38)	-	-	-	-	-	-	-
Phenol	500	ND (0.36)	ND (0.37)	-	-	-	-	-	-	-	ND (0.36)	ND (0.38)	-	-	-	-	-	-	-
Pyrene	500	ND (0.36)	ND (0.37)	-	-	-	-	-	-	-	ND (0.36)	ND (0.38)	-	-	-	-	-	-	-

TABLE 19
SUMMARY OF SOIL QUALITY DATA - BERM 54
FORMER PORT MOBIL TERMINAL
STATEN ISLAND, NEW YORK
FILE NO. 0208998

	Criteria																		
Location Name	NY Part 375	54C	54C	54C1	54C1	54C1	54C2	54C2	54C3	54C3	54D	54D	54D1	54D1	54D1	54D2	54D2	54D3	54D3
Sample Name	Commercial	54C_0-4	54C_4-8	54C1_3-4	54C1_4-5	54C1_7-8	54C2_2-3	54C2_6-7	54C3_1-2	54C3_5-6	54D_0-4	54D_4-8	54D1_0-1	54D1_6-7	54D1_5-6	54D2_3-4	54D2_4-5	54D3_1-2	54D3_2-3
Sample Date	Use	09/25/2025	09/25/2025	09/25/2025	09/25/2025	09/25/2025	09/25/2025	09/25/2025	09/25/2025	09/25/2025	09/25/2025	09/25/2025	09/25/2025	09/25/2025	09/25/2025	09/25/2025	09/25/2025	09/25/2025	09/25/2025
Lab Sample ID	Soil Cleanup	460-335747-13	460-335747-14	460-335747-46	460-335747-41	460-335747-44	460-335747-45	460-335747-47	460-335747-42	460-335747-43	460-335747-15	460-335747-16	460-335747-40	460-335747-57	460-335747-58	460-335747-59	460-335747-56	460-335747-38	460-335747-39
Sample Depth (bgs)	Objectives	0 - 4 (ft)	4 - 8 (ft)	3 - 4 (ft)	4 - 5 (ft)	7 - 8 (ft)	2 - 3 (ft)	6 - 7 (ft)	1 - 2 (ft)	5 - 6 (ft)	0 - 4 (ft)	4 - 8 (ft)	0 - 1 (ft)	4 - 7 (ft)	5 - 6 (ft)	3 - 4 (ft)	4 - 5 (ft)	1 - 2 (ft)	2 - 3 (ft)
PFAS (mg/kg)																			
11-Chloroeicosafluoro-3-Oxaundecane-1-Sulfonic Acid (11Cl-PF3OUdS)	NA	ND (0.0002)	ND (0.0002)	-	-	-	-	-	-	-	ND (0.0002)	ND (0.0002)	-	-	-	-	-	-	-
2H,2H,3H,3H-Perfluorooctanoic acid (5:3 FTCA)	NA	ND (0.001)	ND (0.00099)	-	-	-	-	-	-	-	ND (0.001)	ND (0.00099)	-	-	-	-	-	-	-
3-(Perfluoroheptyl)propanoic acid (7:3 FTCA)	NA	0.00058 J	0.00073 J	-	-	-	-	-	-	-	ND (0.001)	ND (0.00099)	-	-	-	-	-	-	-
3:3 Fluorotelomer carboxylic acid (3:3 FTCA)	NA	ND (0.0004)	ND (0.0004)	-	-	-	-	-	-	-	ND (0.0004)	ND (0.0004)	-	-	-	-	-	-	-
4,8-Dioxa-3H-Perfluorononanoic Acid (ADONA)	NA	ND (0.0002)	ND (0.0002)	-	-	-	-	-	-	-	ND (0.0002)	ND (0.0002)	-	-	-	-	-	-	-
4:2 Fluorotelomer sulfonic acid (4:2 FTS)	NA	ND (0.0004)	ND (0.0004)	-	-	-	-	-	-	-	ND (0.0004)	ND (0.0004)	-	-	-	-	-	-	-
6:2 Fluorotelomer sulfonic acid (6:2 FTS)	NA	0.00035 J	0.00055	-	-	-	-	-	-	-	ND (0.0004)	0.00021 J	-	-	-	-	-	-	-
8:2 Fluorotelomer sulfonic acid (8:2 FTS)	NA	0.00202	0.00679	-	-	-	-	-	-	-	0.00048	0.00157	-	-	-	-	-	-	-
9-Chlorohexadecafluoro-3-Oxanone-1-Sulfonic Acid (9Cl-PF3ONS)	NA	ND (0.0002)	ND (0.0002)	-	-	-	-	-	-	-	ND (0.0002)	ND (0.0002)	-	-	-	-	-	-	-
N-Ethyl Perfluorooctanesulfonamidoacetic Acid (NEtFOSAA)	NA	ND (0.0002)	ND (0.0002)	-	-	-	-	-	-	-	ND (0.0002)	ND (0.0002)	-	-	-	-	-	-	-
N-Ethylperfluorooctane sulfonamide (N-EtFOSA)	NA	ND (0.0002)	ND (0.0002)	-	-	-	-	-	-	-	ND (0.0002)	ND (0.0002)	-	-	-	-	-	-	-
N-Ethylperfluorooctane sulfonamidoethanol (N-EtFOSE)	NA	ND (0.001)	ND (0.00099)	-	-	-	-	-	-	-	ND (0.001)	ND (0.00099)	-	-	-	-	-	-	-
N-Methyl Perfluorooctanesulfonamidoacetic Acid (NMeFOSAA)	NA	ND (0.0002)	ND (0.0002)	-	-	-	-	-	-	-	ND (0.0002)	ND (0.0002)	-	-	-	-	-	-	-
N-Methylperfluorooctane sulfonamide (N-MeFOSA)	NA	ND (0.0002)	ND (0.0002)	-	-	-	-	-	-	-	ND (0.0002)	ND (0.0002)	-	-	-	-	-	-	-
N-Methylperfluorooctane sulfonamidoethanol (N-MeFOSE)	NA	ND (0.001)	ND (0.00099)	-	-	-	-	-	-	-	ND (0.001)	ND (0.00099)	-	-	-	-	-	-	-
Nonafluoro-3,6-dioxaheptanoic acid (NFDHA)	NA	ND (0.0002)	ND (0.0002)	-	-	-	-	-	-	-	ND (0.0002)	ND (0.0002)	-	-	-	-	-	-	-
Perfluoro(2-ethoxyethane) sulphonic acid (PFEESA)	NA	ND (0.0002)	ND (0.0002)	-	-	-	-	-	-	-	ND (0.0002)	ND (0.0002)	-	-	-	-	-	-	-
Perfluoro(4-methoxybutanoic) acid (PFMBA)	NA	ND (0.0002)	ND (0.0002)	-	-	-	-	-	-	-	ND (0.0002)	ND (0.0002)	-	-	-	-	-	-	-
Perfluoro-2-propoxypropanoic acid (PFPrOPrA)(GenX) (HFPO-DA)	NA	ND (0.0002)	ND (0.0002)	-	-	-	-	-	-	-	ND (0.0002)	ND (0.0002)	-	-	-	-	-	-	-
Perfluoro-3-methoxypropanoic acid (PFMPA)	NA	ND (0.0002)	ND (0.0002)	-	-	-	-	-	-	-	ND (0.0002)	ND (0.0002)	-	-	-	-	-	-	-
Perfluorobutanesulfonic acid (PFBS)	NA	ND (0.0002)	ND (0.0002)	-	-	-	-	-	-	-	ND (0.0002)	ND (0.0002)	-	-	-	-	-	-	-
Perfluorobutanoic acid (PFBA)	NA	ND (0.0004)	ND (0.0004)	-	-	-	-	-	-	-	ND (0.0004)	ND (0.0004)	-	-	-	-	-	-	-
Perfluorodecanesulfonic acid (PFDS)	NA	ND (0.0002)	ND (0.0002)	-	-	-	-	-	-	-	ND (0.0002)	ND (0.0002)	-	-	-	-	-	-	-
Perfluorodecanoic acid (PFDA)	NA	0.0005	0.00119	-	-	-	-	-	-	-	0.00055	0.00171	-	-	-	-	-	-	-
Perfluorododecane sulfonic acid (PFDoDS)	NA	ND (0.0002)	ND (0.0002)	-	-	-	-	-	-	-	ND (0.0002)	ND (0.0002)	-	-	-	-	-	-	-
Perfluorododecanoic acid (PFDoDA)	NA	0.0007	0.0018	-	-	-	-	-	-	-	0.00051	0.001	-	-	-	-	-	-	-
Perfluoroheptanesulfonic acid (PFHpS)	NA	ND (0.0002)	ND (0.0002)	-	-	-	-	-	-	-	ND (0.0002)	ND (0.0002)	-	-	-	-	-	-	-
Perfluoroheptanoic acid (PFHpA)	NA	ND (0.0002)	0.00013 J	-	-	-	-	-	-	-	ND (0.0002)	0.00012 J	-	-	-	-	-	-	-
Perfluorohexanesulfonic acid (PFHxS)	NA	ND (0.0002)	ND (0.0002)	-	-	-	-	-	-	-	ND (0.0002)	ND (0.0002)	-	-	-	-	-	-	-
Perfluorohexanoic acid (PFHxA)	NA	ND (0.0002)	ND (0.0002)	-	-	-	-	-	-	-	ND (0.0002)	ND (0.0002)	-	-	-	-	-	-	-
Perfluorononane sulfonic acid (PFNS)	NA	ND (0.0002)	ND (0.0002)	-	-	-	-	-	-	-	ND (0.0002)	ND (0.0002)	-	-	-	-	-	-	-
Perfluorononanoic acid (PFNA)	NA	0.00027	0.00052	-	-	-	-	-	-	-	0.00029	0.00057	-	-	-	-	-	-	-
Perfluorooctane sulfonamide (PFOSA)	NA	ND (0.0002)	ND (0.0002)	-	-	-	-	-	-	-	ND (0.0002)	ND (0.0002)	-	-	-	-	-	-	-
Perfluorooctanesulfonic acid (PFOS)	0.44	ND (0.0002)	ND (0.0002)	-	-	-	-	-	-	-	ND (0.0002)	ND (0.0002)	-	-	-	-	-	-	-
Perfluorooctanoic acid (PFOA)	0.5	0.00011 J	0.00016 J	-	-	-	-	-	-	-	0.0001 J	0.00018 J	-	-	-	-	-	-	-
Perfluoropentanesulfonic acid (PFPeS)	NA	ND (0.0002)	ND (0.0002)	-	-	-	-	-	-	-	ND (0.0002)	ND (0.0002)	-	-	-	-	-	-	-
Perfluoropentanoic acid (PFPeA)	NA	ND (0.0002)	ND (0.0002)	-	-	-	-	-	-	-	ND (0.0002)	ND (0.0002)	-	-	-	-	-	-	-
Perfluorotetradecanoic acid (PFTeDA)	NA	0.00026	0.00056	-	-	-	-	-	-	-	0.00013 J	0.00016 J	-	-	-	-	-	-	-
Perfluorotridecanoic acid (PFTrDA)	NA	0.00291	0.00958	-	-	-	-	-	-	-	0.00236	0.00415	-	-	-	-	-	-	-
Perfluoroundecanoic acid (PFUnDA)	NA	0.00294	0.00899	-	-	-	-	-	-	-	0.00612	0.0117	-	-	-	-	-	-	-
Pesticides (mg/kg)																			
4,4'-DDD	92	ND (0.0073)	ND (0.0075)	-	-	-	-	-	-	-	ND (0.0074)	ND (0.0077)	-	-	-	-	-	-	-
4,4'-DDE	62	ND (0.0073)	ND (0.0075)	-	-	-	-	-	-	-	ND (0.0074)	ND (0.0077)	-	-	-	-	-	-	-
4,4'-DDT	47	0.0022 J	0.0031 J	-	-	-	-	-	-	-	ND (0.0074)	ND (0.0077)	-	-	-	-	-	-	-
Aldrin	0.68	ND (0.0073)	ND (0.0075)	-	-	-	-	-	-	-	ND (0.0074)	ND (0.0077)	-	-	-	-	-	-	-
alpha-BHC	3.4	ND (0.0022)	ND (0.0022)	-	-	-	-	-	-	-	ND (0.0022)	ND (0.0023)	-	-	-	-	-	-	-
alpha-Chlordane (cis)	24	ND (0.0073)	ND (0.0075)	-	-	-	-	-	-	-	ND (0.0074)	ND (0.0077)	-	-	-	-	-	-	-
beta-BHC	3	ND (0.0022)	ND (0.0022)	-	-	-	-	-	-	-	ND (0.0022)	ND (0.0023)	-	-	-	-	-	-	-
Chlordane	NA	ND (0.073)	ND (0.075)	-	-	-	-	-	-	-	ND (0.074)	ND (0.077)	-	-	-	-	-	-	-
delta-BHC	500	ND (0.0022)	ND (0.0022)	-	-	-	-	-	-	-	ND (0.0022)	ND (0.0023)	-	-	-	-	-	-	-
Dieldrin	1.4	ND (0.0022)	ND (0.0022)	-	-	-	-	-	-	-	ND (0.0022)	ND (0.0023)	-	-	-	-	-	-	-
Endosulfan I	200	ND (0.0073)	ND (0.0075)	-	-	-	-	-	-	-	ND (0.0074)	ND (0.0077)	-	-	-	-	-	-	-
Endosulfan II	200	ND (0.0073)	ND (0.0075)	-	-	-	-	-	-	-	ND (0.0074)	ND (0.0077)	-	-	-	-	-	-	-
Endosulfan sulfate	200	ND (0.0073)	ND (0.0075)	-	-	-	-	-	-	-	ND (0.0074)	ND (0.0077)	-	-	-	-	-	-	-
Endrin	89	ND (0.0073)	ND (0.0075)	-	-	-	-	-	-	-	ND (0.0074)	ND (0.0077)	-	-	-	-	-	-	-
Endrin aldehyde	NA	ND (0.0073)	ND (0.0075)	-	-	-	-	-	-	-	ND (0.0074)	ND (0.0077)	-	-	-	-	-	-	-
Endrin ketone	NA	ND (0.0073)	ND (0.0075)	-	-	-	-	-	-	-	ND (0.0074)	ND (0.0077)	-	-	-	-	-	-	-
gamma-BHC (Lindane)	9.2	ND (0.0022)	ND (0.0022)	-	-	-	-	-	-	-	ND (0.0022)	ND (0.0023)	-	-	-	-	-	-	-
Heptachlor	15	ND (0.0073)	ND (0.0075)	-	-	-	-	-	-	-	ND (0.0074)	ND (0.0077)	-	-	-	-	-	-	-
Heptachlor epoxide	NA	ND (0.0073)	ND (0.0075)	-	-	-	-	-	-	-	ND (0.0074)	ND (0.0077)	-	-	-	-	-	-	-
Methoxychlor	NA	ND (0.0073)	ND (0.0075)	-	-	-	-	-	-	-	ND (0.0074)	ND (0.0077)	-	-	-	-	-	-	-
Toxaphene	NA	ND (0.073)	ND (0.075)	-	-	-	-	-	-	-	ND (0.074)	ND (0.077)	-	-	-	-	-	-	-

TABLE 19
SUMMARY OF SOIL QUALITY DATA - BERM 54
FORMER PORT MOBIL TERMINAL
STATEN ISLAND, NEW YORK
FILE NO. 0208998

	Criteria																		
Location Name	NY Part 375	54C	54C	54C1	54C1	54C1	54C2	54C2	54C3	54C3	54D	54D	54D1	54D1	54D1	54D2	54D2	54D3	54D3
Sample Name	Commercial	54C_0-4	54C_4-8	54C1_3-4	54C1_4-5	54C1_7-8	54C2_2-3	54C2_6-7	54C3_1-2	54C3_5-6	54D_0-4	54D_4-8	54D1_0-1	54D1_6-7	54D1_5-6	54D2_3-4	54D2_4-5	54D3_1-2	54D3_2-3
Sample Date	Use	09/25/2025	09/25/2025	09/25/2025	09/25/2025	09/25/2025	09/25/2025	09/25/2025	09/25/2025	09/25/2025	09/25/2025	09/25/2025	09/25/2025	09/25/2025	09/25/2025	09/25/2025	09/25/2025	09/25/2025	09/25/2025
Lab Sample ID	Soil Cleanup	460-335747-13	460-335747-14	460-335747-46	460-335747-41	460-335747-44	460-335747-45	460-335747-47	460-335747-42	460-335747-43	460-335747-15	460-335747-16	460-335747-40	460-335747-57	460-335747-58	460-335747-59	460-335747-56	460-335747-38	460-335747-39
Sample Depth (bgs)	Objectives	0 - 4 (ft)	4 - 8 (ft)	3 - 4 (ft)	4 - 5 (ft)	7 - 8 (ft)	2 - 3 (ft)	6 - 7 (ft)	1 - 2 (ft)	5 - 6 (ft)	0 - 4 (ft)	4 - 8 (ft)	0 - 1 (ft)	4 - 7 (ft)	5 - 6 (ft)	3 - 4 (ft)	4 - 5 (ft)	1 - 2 (ft)	2 - 3 (ft)
Polychlorinated Biphenyls (mg/kg)																			
Aroclor-1016 (PCB-1016)	NA	ND (0.073)	ND (0.075)	-	-	-	-	-	-	-	ND (0.074)	ND (0.077)	-	-	-	-	-	-	-
Aroclor-1221 (PCB-1221)	NA	ND (0.073)	ND (0.075)	-	-	-	-	-	-	-	ND (0.074)	ND (0.077)	-	-	-	-	-	-	-
Aroclor-1232 (PCB-1232)	NA	ND (0.073)	ND (0.075)	-	-	-	-	-	-	-	ND (0.074)	ND (0.077)	-	-	-	-	-	-	-
Aroclor-1242 (PCB-1242)	NA	ND (0.073)	ND (0.075)	-	-	-	-	-	-	-	ND (0.074)	ND (0.077)	-	-	-	-	-	-	-
Aroclor-1248 (PCB-1248)	NA	ND (0.073)	ND (0.075)	-	-	-	-	-	-	-	ND (0.074)	ND (0.077)	-	-	-	-	-	-	-
Aroclor-1254 (PCB-1254)	NA	ND (0.073)	ND (0.075)	-	-	-	-	-	-	-	ND (0.074)	ND (0.077)	-	-	-	-	-	-	-
Aroclor-1260 (PCB-1260)	NA	ND (0.073)	ND (0.075)	-	-	-	-	-	-	-	ND (0.074)	ND (0.077)	-	-	-	-	-	-	-
Aroclor-1262 (PCB-1262)	NA	ND (0.073)	ND (0.075)	-	-	-	-	-	-	-	ND (0.074)	ND (0.077)	-	-	-	-	-	-	-
Aroclor-1268 (PCB-1268)	NA	ND (0.073)	ND (0.075)	-	-	-	-	-	-	-	ND (0.074)	ND (0.077)	-	-	-	-	-	-	-
Total PCBs	1	ND (0.073)	ND (0.075)	-	-	-	-	-	-	-	ND (0.074)	ND (0.077)	-	-	-	-	-	-	-
Inorganic Compounds (mg/kg)																			
Aluminum	NA	4710	4880	-	-	-	-	-	-	-	6270	7600	-	-	-	-	-	-	-
Antimony	NA	0.75 J	0.62 J	-	-	-	-	-	-	-	0.49 J	0.52 J	-	-	-	-	-	-	-
Arsenic	16	7.1	6.6	-	-	-	-	-	-	-	6.3	7.5	-	-	-	-	-	-	-
Barium	400	38.8	38.1	-	-	-	-	-	-	-	41.3	42	-	-	-	-	-	-	-
Beryllium	590	0.45	0.44	-	-	-	-	-	-	-	0.47	0.55	-	-	-	-	-	-	-
Cadmium	9.3	0.23 J	0.23 J	-	-	-	-	-	-	-	0.21 J	0.2 J	-	-	-	-	-	-	-
Calcium	NA	691	3520	-	-	-	-	-	-	-	1540	3310	-	-	-	-	-	-	-
Chromium	NA	14.1	14.2	-	-	-	-	-	-	-	14.9	17	-	-	-	-	-	-	-
Cobalt	NA	3.9	4.5	-	-	-	-	-	-	-	5.1	5.9	-	-	-	-	-	-	-
Copper	270	35.6	34.1	-	-	-	-	-	-	-	26.8	34.2	-	-	-	-	-	-	-
Iron	NA	15700	17500	-	-	-	-	-	-	-	17600	19500	-	-	-	-	-	-	-
Lead	1000	118	127	-	-	-	-	-	-	-	86.6	91.1	-	-	-	-	-	-	-
Magnesium	NA	1300	3080	-	-	-	-	-	-	-	2330	3940	-	-	-	-	-	-	-
Manganese	10000	206	233	-	-	-	-	-	-	-	189	217	-	-	-	-	-	-	-
Mercury	2.8	0.048	0.035	-	-	-	-	-	-	-	0.036	0.032	-	-	-	-	-	-	-
Nickel	310	12.5	18.5	-	-	-	-	-	-	-	11.2	13.6	-	-	-	-	-	-	-
Potassium	NA	601	681	-	-	-	-	-	-	-	904	1020	-	-	-	-	-	-	-
Selenium	1500	0.33 J	0.32 J	-	-	-	-	-	-	-	0.18 J	0.21 J	-	-	-	-	-	-	-
Silver	1500	0.22 J	0.19 J	-	-	-	-	-	-	-	0.15 J	0.26 J	-	-	-	-	-	-	-
Sodium	NA	ND (99.5)	53.6 J	-	-	-	-	-	-	-	71.7 J	74.1 J	-	-	-	-	-	-	-
Thallium	NA	0.049 J	0.056 J	-	-	-	-	-	-	-	0.063 J	0.084 J	-	-	-	-	-	-	-
Vanadium	NA	19.2	21.4	-	-	-	-	-	-	-	22.2	25.9	-	-	-	-	-	-	-
Zinc	10000	72.7	70.9	-	-	-	-	-	-	-	99.4	75.8	-	-	-	-	-	-	-

ABBREVIATIONS AND NOTES:

mg/kg: milligram per kilogram

**: LCS or LCSD is outside acceptance limits.*
-: Not Analyzed
B: Compound was found in the blank and the associated sample.
bgs: below ground surface
ft: feet
J: Value is estimated.
NA: Not Applicable
ND (2.5): Not detected, number in parentheses is the laboratory reporting limit

- For test methods used, see the laboratory data sheets.
- Soil analytical results are compared to the New York State Department of Environmental Conservation (NYSDEC) Title 6 of the Official Compilation of New York Codes, Rules, and Regulations (NYCRR) Part 375 Commercial Use Soil Cleanup Objectives (SCO).
- Grey shading indicates an exceedance of the Commercial Use Soil Cleanup Objectives.

TABLE 20
SUMMARY OF SOIL QUALITY DATA - BERM 55
FORMER PORT MOBIL TERMINAL
STATEN ISLAND, NEW YORK
FILE NO. 0208998

	Criteria																		
Location Name	NY Part 375	55A	55A	55A1	55A1	55A2	55A2	55A3	55A3	55A3	55B	55B	55B1	55B1	55B1	55B2	55B2	55B3	55B3
Sample Name	Commercial	55A_0-3	55A_3-6	55A1_0-1	55A1_3-4	55A2_1-2	55A2_4-5	55A3_2-3	55A3_4-5	55A3_5-6	55B_0-3	55B_3-6	55B1_1-2	55B1_3-4	55B1_5-6	55B2_2-3	55B2_4-5	55B3_3-4	55B3_4-5
Sample Date	Use	09/30/2025	09/30/2025	09/30/2025	09/30/2025	09/30/2025	09/30/2025	09/30/2025	09/30/2025	09/30/2025	09/30/2025	09/30/2025	09/30/2025	09/30/2025	09/30/2025	09/30/2025	09/30/2025	09/30/2025	09/30/2025
Lab Sample ID	Soil Cleanup	460-336081-1	460-336081-2	460-336081-15	460-336081-18	460-336081-16	460-336081-19	460-336081-17	460-336081-21	460-336081-20	460-336081-3	460-336081-4	460-336081-22	460-336081-25	460-336081-28	460-336081-23	460-336081-26	460-336081-24	460-336081-27
Sample Depth (bgs)	Objectives	0 (ft)	3 (ft)	0 (ft)	3 (ft)	1 (ft)	4 (ft)	2 (ft)	4 (ft)	5 (ft)	0 (ft)	3 (ft)	1 (ft)	3 (ft)	5 (ft)	2 (ft)	4 (ft)	3 (ft)	4 (ft)
Volatile Organic Compounds (mg/kg)																			
1,1,1-Trichloroethane	500	-	-	ND (0.000015)	ND (0.0013)	ND (0.001)	ND (0.00099)	ND (0.00091)	ND (0.00093)	ND (0.00084)	-	-	ND (0.0011)	ND (0.00097)	ND (0.00085)	ND (0.001)	ND (0.00086)	ND (0.0011)	ND (0.0012)
1,1,2,2-Tetrachloroethane	NA	-	-	ND (0.000015)	ND (0.0013)	ND (0.001)	ND (0.00099)	ND (0.00091)	ND (0.00093)	ND (0.00084)	-	-	ND (0.0011)	ND (0.00097)	ND (0.00085)	ND (0.001)	ND (0.00086)	ND (0.0011)	ND (0.0012)
1,1,2-Trichloroethane	NA	-	-	ND (0.000015)	ND (0.0013)	ND (0.001)	ND (0.00099)	ND (0.00091)	ND (0.00093)	ND (0.00084)	-	-	ND (0.0011)	ND (0.00097)	ND (0.00085)	ND (0.001)	ND (0.00086)	ND (0.0011)	ND (0.0012)
1,1-Dichloroethane	240	-	-	ND (0.000015)	ND (0.0013)	ND (0.001)	ND (0.00099)	ND (0.00091)	ND (0.00093)	ND (0.00084)	-	-	ND (0.0011)	ND (0.00097)	ND (0.00085)	ND (0.001)	ND (0.00086)	ND (0.0011)	ND (0.0012)
1,1-Dichloroethene	500	-	-	ND (0.000015)	ND (0.0013)	ND (0.001)	ND (0.00099)	ND (0.00091)	ND (0.00093)	ND (0.00084)	-	-	ND (0.0011)	ND (0.00097)	ND (0.00085)	ND (0.001)	ND (0.00086)	ND (0.0011)	ND (0.0012)
1,2,3-Trichlorobenzene	NA	-	-	ND (0.000015)	ND (0.0013)	ND (0.001)	ND (0.00099)	ND (0.00091)	ND (0.00093)	ND (0.00084)	-	-	ND (0.0011)	ND (0.00097)	ND (0.00085)	ND (0.001)	ND (0.00086)	ND (0.0011)	ND (0.0012)
1,2,4-Trichlorobenzene	NA	-	-	ND (0.000015)	ND (0.0013)	ND (0.001)	ND (0.00099)	ND (0.00091)	ND (0.00093)	ND (0.00084)	-	-	ND (0.0011)	ND (0.00097)	ND (0.00085)	ND (0.001)	ND (0.00086)	ND (0.0011)	ND (0.0012)
1,2,4-Trimethylbenzene	190	-	-	ND (0.000015)	ND (0.0013)	ND (0.001)	ND (0.00099)	ND (0.00091)	ND (0.00093)	ND (0.00084)	-	-	ND (0.0011)	ND (0.00097)	ND (0.00085)	ND (0.001)	ND (0.00086)	ND (0.0011)	ND (0.0012)
1,2-Dibromo-3-chloropropane (DBCP)	NA	-	-	ND (0.000015)	ND (0.0013)	ND (0.001)	ND (0.00099)	ND (0.00091)	ND (0.00093)	ND (0.00084)	-	-	ND (0.0011)	ND (0.00097)	ND (0.00085)	ND (0.001)	ND (0.00086)	ND (0.0011)	ND (0.0012)
1,2-Dibromoethane (Ethylene Dibromide)	NA	-	-	ND (0.000015)	ND (0.0013)	ND (0.001)	ND (0.00099)	ND (0.00091)	ND (0.00093)	ND (0.00084)	-	-	ND (0.0011)	ND (0.00097)	ND (0.00085)	ND (0.001)	ND (0.00086)	ND (0.0011)	ND (0.0012)
1,2-Dichlorobenzene	500	-	-	ND (0.000015)	ND (0.0013)	ND (0.001)	ND (0.00099)	ND (0.00091)	ND (0.00093)	ND (0.00084)	-	-	ND (0.0011)	ND (0.00097)	ND (0.00085)	ND (0.001)	ND (0.00086)	ND (0.0011)	ND (0.0012)
1,2-Dichloroethane	30	-	-	ND (0.000015)	ND (0.0013)	ND (0.001)	ND (0.00099)	ND (0.00091)	ND (0.00093)	ND (0.00084)	-	-	ND (0.0011)	ND (0.00097)	ND (0.00085)	ND (0.001)	ND (0.00086)	ND (0.0011)	ND (0.0012)
1,2-Dichloropropane	NA	-	-	ND (0.000015)	ND (0.0013)	ND (0.001)	ND (0.00099)	ND (0.00091)	ND (0.00093)	ND (0.00084)	-	-	ND (0.0011)	ND (0.00097)	ND (0.00085)	ND (0.001)	ND (0.00086)	ND (0.0011)	ND (0.0012)
1,3,5-Trimethylbenzene	190	-	-	ND (0.000015)	ND (0.0013)	ND (0.001)	ND (0.00099)	ND (0.00091)	ND (0.00093)	ND (0.00084)	-	-	ND (0.0011)	ND (0.00097)	ND (0.00085)	ND (0.001)	ND (0.00086)	ND (0.0011)	ND (0.0012)
1,3-Dichlorobenzene	280	-	-	ND (0.000015)	ND (0.0013)	ND (0.001)	ND (0.00099)	ND (0.00091)	ND (0.00093)	ND (0.00084)	-	-	ND (0.0011)	ND (0.00097)	ND (0.00085)	ND (0.001)	ND (0.00086)	ND (0.0011)	ND (0.0012)
1,4-Dichlorobenzene	130	-	-	ND (0.000015)	ND (0.0013)	ND (0.001)	ND (0.00099)	ND (0.00091)	ND (0.00093)	ND (0.00084)	-	-	ND (0.0011)	ND (0.00097)	ND (0.00085)	ND (0.001)	ND (0.00086)	ND (0.0011)	ND (0.0012)
2-Butanone (Methyl Ethyl Ketone)	500	-	-	ND (0.000077)	ND (0.0063)	ND (0.0052)	ND (0.0049)	ND (0.0046)	ND (0.0047)	ND (0.0042)	-	-	ND (0.0053)	ND (0.0049)	ND (0.0043)	ND (0.0052)	ND (0.0043)	ND (0.0054)	ND (0.006)
2-Hexanone (Methyl Butyl Ketone)	NA	-	-	ND (0.000077)	ND (0.0063)	ND (0.0052)	ND (0.0049)	ND (0.0046)	ND (0.0047)	ND (0.0042)	-	-	ND (0.0053)	ND (0.0049)	ND (0.0043)	ND (0.0052)	ND (0.0043)	ND (0.0054)	ND (0.006)
2-Phenylbutane (sec-Butylbenzene)	500	-	-	ND (0.000015)	ND (0.0013)	ND (0.001)	ND (0.00099)	ND (0.00091)	ND (0.00093)	ND (0.00084)	-	-	ND (0.0011)	ND (0.00097)	ND (0.00085)	ND (0.001)	ND (0.00086)	ND (0.0011)	ND (0.0012)
4-Methyl-2-Pentanone (Methyl Isobutyl Ketone)	NA	-	-	ND (0.000077)	ND (0.0063)	ND (0.0052)	ND (0.0049)	ND (0.0046)	ND (0.0047)	ND (0.0042)	-	-	ND (0.0053)	ND (0.0049)	ND (0.0043)	ND (0.0052)	ND (0.0043)	ND (0.0054)	ND (0.006)
Acetone	500	-	-	ND (0.000093)	ND (0.0076)	0.0066	ND (0.0059)	ND (0.0055)	ND (0.0056)	ND (0.005)	-	-	ND (0.0064)	ND (0.0058)	ND (0.0051)	ND (0.0063)	ND (0.0052)	ND (0.0064)	ND (0.0071)
Benzene	44	-	-	ND (0.000015)	ND (0.0013)	ND (0.001)	ND (0.00099)	ND (0.00091)	ND (0.00093)	ND (0.00084)	-	-	ND (0.0011)	ND (0.00097)	ND (0.00085)	ND (0.001)	ND (0.00086)	ND (0.0011)	ND (0.0012)
Bromodichloromethane	NA	-	-	ND (0.000015)	ND (0.0013)	ND (0.001)	ND (0.00099)	ND (0.00091)	ND (0.00093)	ND (0.00084)	-	-	ND (0.0011)	ND (0.00097)	ND (0.00085)	ND (0.001)	ND (0.00086)	ND (0.0011)	ND (0.0012)
Bromoform	NA	-	-	ND (0.000015)	ND (0.0013)	ND (0.001)	ND (0.00099)	ND (0.00091)	ND (0.00093)	ND (0.00084)	-	-	ND (0.0011)	ND (0.00097)	ND (0.00085)	ND (0.001)	ND (0.00086)	ND (0.0011)	ND (0.0012)
Bromomethane (Methyl Bromide)	NA	-	-	ND (0.000031)	ND (0.0025)	ND (0.0021)	ND (0.002)	ND (0.0018)	ND (0.0019)	ND (0.0017)	-	-	ND (0.0021)	ND (0.0019)	ND (0.0017)	ND (0.0021)	ND (0.0017)	ND (0.0021)	ND (0.0024)
Carbon disulfide	NA	-	-	ND (0.000015)	ND (0.0013)	ND (0.001)	ND (0.00099)	ND (0.00091)	ND (0.00093)	ND (0.00084)	-	-	ND (0.0011)	ND (0.00097)	ND (0.00085)	ND (0.001)	ND (0.00086)	ND (0.0011)	ND (0.0012)
Carbon tetrachloride	22	-	-	ND (0.000015)	ND (0.0013)	ND (0.001)	ND (0.00099)	ND (0.00091)	ND (0.00093)	ND (0.00084)	-	-	ND (0.0011)	ND (0.00097)	ND (0.00085)	ND (0.001)	ND (0.00086)	ND (0.0011)	ND (0.0012)
Chlorobenzene	500	-	-	ND (0.000015)	ND (0.0013)	ND (0.001)	ND (0.00099)	ND (0.00091)	ND (0.00093)	ND (0.00084)	-	-	ND (0.0011)	ND (0.00097)	ND (0.00085)	ND (0.001)	ND (0.00086)	ND (0.0011)	ND (0.0012)
Chlorobromomethane	NA	-	-	ND (0.000015)	ND (0.0013)	ND (0.001)	ND (0.00099)	ND (0.00091)	ND (0.00093)	ND (0.00084)	-	-	ND (0.0011)	ND (0.00097)	ND (0.00085)	ND (0.001)	ND (0.00086)	ND (0.0011)	ND (0.0012)
Chloroethane	NA	-	-	ND (0.000015)	ND (0.0013)	ND (0.001)	ND (0.00099)	ND (0.00091)	ND (0.00093)	ND (0.00084)	-	-	ND (0.0011)	ND (0.00097)	ND (0.00085)	ND (0.001)	ND (0.00086)	ND (0.0011)	ND (0.0012)
Chloroform (Trichloromethane)	350	-	-	ND (0.000015)	ND (0.0013)	ND (0.001)	ND (0.00099)	ND (0.00091)	ND (0.00093)	ND (0.00084)	-	-	ND (0.0011)	ND (0.00097)	ND (0.00085)	ND (0.001)	ND (0.00086)	ND (0.0011)	ND (0.0012)
Chloromethane (Methyl Chloride)	NA	-	-	ND (0.000015)	ND (0.0013)	ND (0.001)	ND (0.00099)	ND (0.00091)	ND (0.00093)	ND (0.00084)	-	-	ND (0.0011)	ND (0.00097)	ND (0.00085)	ND (0.001)	ND (0.00086)	ND (0.0011)	ND (0.0012)
cis-1,2-Dichloroethene	500	-	-	ND (0.000015)	ND (0.0013)	ND (0.001)	ND (0.00099)	ND (0.00091)	ND (0.00093)	ND (0.00084)	-	-	ND (0.0011)	ND (0.00097)	ND (0.00085)	ND (0.001)	ND (0.00086)	ND (0.0011)	ND (0.0012)
cis-1,3-Dichloropropene	NA	-	-	ND (0.000015)	ND (0.0013)	ND (0.001)	ND (0.00099)	ND (0.00091)	ND (0.00093)	ND (0.00084)	-	-	ND (0.0011)	ND (0.00097)	ND (0.00085)	ND (0.001)	ND (0.00086)	ND (0.0011)	ND (0.0012)
Cyclohexane	NA	-	-	ND (0.000015)	ND (0.0013)	ND (0.001)	ND (0.00099)	ND (0.00091)	ND (0.00093)	ND (0.00084)	-	-	ND (0.0011)	ND (0.00097)	ND (0.00085)	ND (0.001)	ND (0.00086)	ND (0.0011)	ND (0.0012)
Dibromochloromethane	NA	-	-	ND (0.000015)	ND (0.0013)	ND (0.001)	ND (0.00099)	ND (0.00091)	ND (0.00093)	ND (0.00084)	-	-	ND (0.0011)	ND (0.00097)	ND (0.00085)	ND (0.001)	ND (0.00086)	ND (0.0011)	ND (0.0012)
Dichlorodifluoromethane (CFC-12)	NA	-	-	ND (0.000015)	ND (0.0013)	ND (0.001)	ND (0.00099)	ND (0.00091)	ND (0.00093)	ND (0.00084)	-	-	ND (0.0011)	ND (0.00097)	ND (0.00085)	ND (0.001)	ND (0.00086)	ND (0.0011)	ND (0.0012)
Ethylbenzene	390	-	-	ND (0.000015)	ND (0.0013)	ND (0.001)	ND (0.00099)	ND (0.00091)	ND (0.00093)	ND (0.00084)	-	-	ND (0.0011)	ND (0.00097)	ND (0.00085)	ND (0.001)	ND (0.00086)	ND (0.0011)	ND (0.0012)
Isopropylbenzene (Cumene)	NA	-	-	ND (0.000015)	ND (0.0013)	ND (0.001)	ND (0.00099)	ND (0.00091)	ND (0.00093)	ND (0.00084)	-	-	ND (0.0011)	ND (0.00097)	ND (0.00085)	ND (0.001)	ND (0.00086)	ND (0.0011)	ND (0.0012)
m,p-Xylenes	NA	-	-	ND (0.000015)	ND (0.0013)	ND (0.001)	ND (0.00099)	ND (0.00091)	ND (0.00093)	ND (0.00084)	-	-	ND (0.0011)	ND (0.00097)	ND (0.00085)	ND (0.001)	ND (0.00086)	ND (0.0011)	ND (0.0012)
Methyl acetate	NA	-	-	ND (0.000077)	ND (0.0063)	ND (0.0052)	ND (0.0049)	ND (0.0046)	ND (0.0047)	ND (0.0042)	-	-	ND (0.0053)	ND (0.0049)	ND (0.0043)	ND (0.0052)	ND (0.0043)	ND (0.0054)	ND (0.006)
Methyl Tert Butyl Ether (MTBE)	500	-	-	ND (0.000015)	ND (0.0013)	ND (0.001)	ND (0.00099)	ND (0.00091)	ND (0.00093)	ND (0.00084)	-	-	ND (0.0011)	ND (0.00097)	ND (0.00085)	ND (0.001)	ND (0.00086)	ND (0.0011)	ND (0.0012)
Methylcyclohexane	NA	-	-	ND (0.000015)	ND (0.0013)	ND (0.001)	ND (0.00099)	ND (0.00091)	ND (0.00093)	ND (0.00084)	-	-	ND (0.0011)	ND (0.00097)	ND (0.00085)	ND (0.001)	ND (0.00086)	ND (0.0011)	ND (0.0012)
Methylene chloride (Dichloromethane)	500	-	-	ND (0.000031)	0.0031	0.0019 J	0.0051	0.0028	0.0041	0.0027	-	-	0.0044	0.0043	0.0027	0.0054	0.0029	0.0043	0.0034
n-Butylbenzene	500	-	-	ND (0.000015)	ND (0.0013)	ND (0.001)	ND (0.00099)	ND (0.00091)	ND (0.00093)	ND (0.00084)	-	-	ND (0.0011)	ND (0.00097)	ND (0.00085)	ND (0.001)	ND (0.00086)	ND (0.0011)	ND (0.0012)
n-Propylbenzene	500	-	-	ND (0.000015)	ND (0.0013)	ND (0.001)	ND (0.00099)	ND (0.00091)	ND (0.00093)	ND (0.00084)	-	-	ND (0.0011)	ND (0.00097)	ND (0.00085)	ND (0.001)	ND (0.00086)	ND (0.0011)	ND (0.0012)
o-Xylene	NA	-	-	ND (0.000015)	ND (0.0013)	ND (0.001)	ND (0.00099)	ND (0.00091)	ND (0.00093)	ND (0.00084)	-	-	ND (0.0011)	ND (0.00097)	ND (0.00085)	ND (0.001)	ND (0.00086)	ND (0.0011)	ND (0.0012)
Styrene	NA	-	-	ND (0.000015)	ND (0.0013)	ND (0.001)	ND (0.00099)	ND (0.00091)	ND (0.00093)	ND (0.00084)	-	-	ND (0.0011)	ND (0.00097)	ND (0.00085)	ND (0.001)	ND (0.00086)	ND (0.0011)	ND (0.0012)
tert-Butylbenzene	500	-	-	ND (0.000015)	ND (0.0013)	ND (0.001)	ND (0.00099)	ND (0.00091)	ND (0.00093)	ND (0.00084)	-	-	ND (0.0011)	ND (0.00097)	ND (0.00085)	ND (0.001)	ND (0.00086)	ND (0.0011)	ND (0.0012)
Tetrachloroethene	150	-	-	ND (0.000015)	ND (0.0013)	ND (0.001)	ND (0.00099)	ND (0.00091)	ND (0.00093)	ND (0.00084)	-	-	ND (0.0011)	ND (0.00097)	ND (0.00085)	ND (0.001)	ND (0.00086)	ND (0.0011)	ND (0.0012)
Toluene	500	-	-	ND (0.000015)	ND (0.0013)	ND (0.001)	ND (0.00099)	ND (0.00091)	ND (0.00093)	ND (0.00084)	-	-	ND (0.0011)	ND (0.00097)	ND (0.00085)	ND (0.001)	ND (0.00086)	ND (0.0011)	ND (0.0012)
trans-1,2-Dichloroethene	500	-	-	ND (0.000015)	ND (0.0013)	ND (0.001)	ND (0.00099)	ND (0.00091)	ND (0.00093)	ND (0.00084)	-	-	ND (0.0011)	ND (0.00097)	ND (0.00085)	ND (0.001)	ND (0.00086)	ND (0.0011)	ND (0.0012)
trans-1,3-Dichloropropene	NA	-	-	ND (0.000015)	ND (0.0013)	ND (0.001)	ND (0.00099)	ND (0.00091)	ND (0.00093)	ND (0.00084)	-	-	ND (0.0011)	ND (0.00097)	ND (0.00085)	ND (0.001)	ND (0.00086)	ND (0.0011)	ND (0.0012)
Trichloroethene	200	-	-	ND (0.000015)	ND (0.0013)	ND (0.001)	ND (0.00099)	ND (0.00091)	ND (0.00093)	ND (0.00084)	-	-	ND (0.0011)	ND (0.00097)	ND (0.00085)	ND (0.001)	ND (0.00086)	ND (0.0011)	ND (0.0012)
Trichlorofluoromethane (CFC-11)	NA	-	-	ND (0.000015)	ND (0.0013)	ND (0.001)	ND (0.00099)	ND (0.00091)	ND (0.00093)	ND (0.00084)	-	-	ND (0.0011)	ND (0.00097)	ND (0.00085)	ND (0.001)	ND (0.00086)	ND (0.0011)	ND (0.0012)
Trifluorotrichloroethane (Freon 113)	NA	-	-	ND (0.000015)	ND (0.0013)	ND (0.001)	ND (0.00099)	ND (0.00091)	ND (0.00093)	ND (0.00084)	-	-	ND (0.0011)	ND (0.00097)	ND (0.00085)	ND (0.001)	ND (0.00086)	ND (0.0011)	ND (0.0012)
Vinyl chloride	13	-	-	ND (0.000015)	ND (0.0013)	ND (0.001)	ND (0.00099)	ND (0.00091)	ND (0.00093)	ND (0.00084)	-	-	ND (0.0011)	ND (0.00097)	ND (0.00085)	ND (0.001)	ND (0.00086)	ND (0.0011)	ND (0.0012)
Xylene (Total)	500	-	-	ND (0.000031)	ND (0.0025)	ND (0.0021)	ND (0.002)	ND (0.0018)	ND (0.0019)	ND (0.0017)	-	-	ND (0.0021)	ND (0.0019)	ND (0.0017)	ND (0.0021)	ND (0.0017)	ND (0.0021)	ND (0.0024)

TABLE 20
SUMMARY OF SOIL QUALITY DATA - BERM 55
FORMER PORT MOBIL TERMINAL
STATEN ISLAND, NEW YORK
FILE NO. 0208998

	Criteria																		
Location Name	NY Part 375	55A	55A	55A1	55A1	55A2	55A2	55A3	55A3	55A3	55B	55B	55B1	55B1	55B1	55B2	55B2	55B3	55B3
Sample Name	Commercial	55A_0-3	55A_3-6	55A1_0-1	55A1_3-4	55A2_1-2	55A2_4-5	55A3_2-3	55A3_4-5	55A3_5-6	55B_0-3	55B_3-6	55B1_1-2	55B1_3-4	55B1_5-6	55B2_2-3	55B2_4-5	55B3_3-4	55B3_4-5
Sample Date	Use	09/30/2025	09/30/2025	09/30/2025	09/30/2025	09/30/2025	09/30/2025	09/30/2025	09/30/2025	09/30/2025	09/30/2025	09/30/2025	09/30/2025	09/30/2025	09/30/2025	09/30/2025	09/30/2025	09/30/2025	09/30/2025
Lab Sample ID	Soil Cleanup	460-336081-1	460-336081-2	460-336081-15	460-336081-18	460-336081-16	460-336081-19	460-336081-17	460-336081-21	460-336081-20	460-336081-3	460-336081-4	460-336081-22	460-336081-25	460-336081-28	460-336081-23	460-336081-26	460-336081-24	460-336081-27
Sample Depth (bgs)	Objectives	0 (ft)	3 (ft)	0 (ft)	3 (ft)	1 (ft)	4 (ft)	2 (ft)	4 (ft)	5 (ft)	0 (ft)	3 (ft)	1 (ft)	3 (ft)	5 (ft)	2 (ft)	4 (ft)	3 (ft)	4 (ft)
Semi-Volatile Organic Compounds (mg/kg)																			
1,2,4,5-Tetrachlorobenzene	NA	ND (0.37)	ND (0.36)	-	-	-	-	-	-	-	ND (0.35)	ND (0.35)	-	-	-	-	-	-	-
1,4-Dioxane	130	ND (0.037)	ND (0.036)	-	-	-	-	-	-	-	ND (0.035)	ND (0.035)	-	-	-	-	-	-	-
2,2'-oxybis(1-Chloropropane)	NA	ND (0.37)	ND (0.36)	-	-	-	-	-	-	-	ND (0.35)	ND (0.35)	-	-	-	-	-	-	-
2,3,4,6-Tetrachlorophenol	NA	ND (0.37)	ND (0.36)	-	-	-	-	-	-	-	ND (0.35)	ND (0.35)	-	-	-	-	-	-	-
2,4,5-Trichlorophenol	NA	ND (0.37)	ND (0.36)	-	-	-	-	-	-	-	ND (0.35)	ND (0.35)	-	-	-	-	-	-	-
2,4,6-Trichlorophenol	NA	ND (0.15)	ND (0.15)	-	-	-	-	-	-	-	ND (0.14)	ND (0.14)	-	-	-	-	-	-	-
2,4-Dichlorophenol	NA	ND (0.15)	ND (0.15)	-	-	-	-	-	-	-	ND (0.14)	ND (0.14)	-	-	-	-	-	-	-
2,4-Dimethylphenol	NA	ND (0.37)	ND (0.36)	-	-	-	-	-	-	-	ND (0.35)	ND (0.35)	-	-	-	-	-	-	-
2,4-Dinitrophenol	NA	ND (0.3)	ND (0.29)	-	-	-	-	-	-	-	ND (0.28)	ND (0.28)	-	-	-	-	-	-	-
2,4-Dinitrotoluene	NA	ND (0.075)	ND (0.073)	-	-	-	-	-	-	-	ND (0.07)	ND (0.071)	-	-	-	-	-	-	-
2,6-Dinitrotoluene	NA	ND (0.075)	ND (0.073)	-	-	-	-	-	-	-	ND (0.07)	ND (0.071)	-	-	-	-	-	-	-
2-Chloronaphthalene	NA	ND (0.37)	ND (0.36)	-	-	-	-	-	-	-	ND (0.35)	ND (0.35)	-	-	-	-	-	-	-
2-Chlorophenol	NA	ND (0.37)	ND (0.36)	-	-	-	-	-	-	-	ND (0.35)	ND (0.35)	-	-	-	-	-	-	-
2-Methylnaphthalene	NA	ND (0.37)	ND (0.36)	-	-	-	-	-	-	-	ND (0.35)	ND (0.35)	-	-	-	-	-	-	-
2-Methylphenol (o-Cresol)	500	ND (0.37)	ND (0.36)	-	-	-	-	-	-	-	ND (0.35)	ND (0.35)	-	-	-	-	-	-	-
2-Nitroaniline	NA	ND (0.37)	ND (0.36)	-	-	-	-	-	-	-	ND (0.35)	ND (0.35)	-	-	-	-	-	-	-
2-Nitrophenol	NA	ND (0.37)	ND (0.36)	-	-	-	-	-	-	-	ND (0.35)	ND (0.35)	-	-	-	-	-	-	-
3&4-Methylphenol	NA	ND (0.37)	ND (0.36)	-	-	-	-	-	-	-	ND (0.35)	ND (0.35)	-	-	-	-	-	-	-
3,3'-Dichlorobenzidine	NA	ND (0.15)	ND (0.15)	-	-	-	-	-	-	-	ND (0.14)	ND (0.14)	-	-	-	-	-	-	-
3-Nitroaniline	NA	ND (0.37)	ND (0.36)	-	-	-	-	-	-	-	ND (0.35)	ND (0.35)	-	-	-	-	-	-	-
4,6-Dinitro-2-methylphenol	NA	ND (0.3)	ND (0.29)	-	-	-	-	-	-	-	ND (0.28)	ND (0.28)	-	-	-	-	-	-	-
4-Bromophenyl phenyl ether (BDE-3)	NA	ND (0.37)	ND (0.36)	-	-	-	-	-	-	-	ND (0.35)	ND (0.35)	-	-	-	-	-	-	-
4-Chloro-3-methylphenol	NA	ND (0.37)	ND (0.36)	-	-	-	-	-	-	-	ND (0.35)	ND (0.35)	-	-	-	-	-	-	-
4-Chloroaniline	NA	ND (0.37)	ND (0.36)	-	-	-	-	-	-	-	ND (0.35)	ND (0.35)	-	-	-	-	-	-	-
4-Chlorophenyl phenyl ether	NA	ND (0.37)	ND (0.36)	-	-	-	-	-	-	-	ND (0.35)	ND (0.35)	-	-	-	-	-	-	-
4-Methylphenol	500	ND (0.37)	ND (0.36)	-	-	-	-	-	-	-	ND (0.35)	ND (0.35)	-	-	-	-	-	-	-
4-Nitroaniline	NA	ND (0.37)	ND (0.36)	-	-	-	-	-	-	-	ND (0.35)	ND (0.35)	-	-	-	-	-	-	-
4-Nitrophenol	NA	ND (0.75)	ND (0.73)	-	-	-	-	-	-	-	ND (0.7)	ND (0.71)	-	-	-	-	-	-	-
Acenaphthene	500	ND (0.37)	ND (0.36)	-	-	-	-	-	-	-	ND (0.35)	ND (0.35)	-	-	-	-	-	-	-
Acenaphthylene	500	ND (0.37)	ND (0.36)	-	-	-	-	-	-	-	ND (0.35)	ND (0.35)	-	-	-	-	-	-	-
Acetophenone	NA	ND (0.37)	ND (0.36)	-	-	-	-	-	-	-	ND (0.35)	ND (0.35)	-	-	-	-	-	-	-
Anthracene	500	ND (0.37)	ND (0.36)	-	-	-	-	-	-	-	ND (0.35)	ND (0.35)	-	-	-	-	-	-	-
Atrazine	NA	ND (0.15)	ND (0.15)	-	-	-	-	-	-	-	ND (0.14)	ND (0.14)	-	-	-	-	-	-	-
Benzaldehyde	NA	ND (0.37)	ND (0.36)	-	-	-	-	-	-	-	ND (0.35)	ND (0.35)	-	-	-	-	-	-	-
Benzo(a)anthracene	5.6	ND (0.037)	ND (0.036)	-	-	-	-	-	-	-	ND (0.035)	ND (0.035)	-	-	-	-	-	-	-
Benzo(a)pyrene	1	ND (0.037)	ND (0.036)	-	-	-	-	-	-	-	ND (0.035)	ND (0.035)	-	-	-	-	-	-	-
Benzo(b)fluoranthene	5.6	ND (0.037)	ND (0.036)	-	-	-	-	-	-	-	ND (0.035)	ND (0.035)	-	-	-	-	-	-	-
Benzo(g,h,i)perylene	500	ND (0.37)	ND (0.36)	-	-	-	-	-	-	-	ND (0.35)	ND (0.35)	-	-	-	-	-	-	-
Benzo(k)fluoranthene	56	ND (0.037)	ND (0.036)	-	-	-	-	-	-	-	ND (0.035)	ND (0.035)	-	-	-	-	-	-	-
Biphenyl	NA	ND (0.37)	ND (0.36)	-	-	-	-	-	-	-	ND (0.35)	ND (0.35)	-	-	-	-	-	-	-
bis(2-Chloroethoxy)methane	NA	ND (0.37)	ND (0.36)	-	-	-	-	-	-	-	ND (0.35)	ND (0.35)	-	-	-	-	-	-	-
bis(2-Chloroethyl)ether	NA	ND (0.037)	ND (0.036)	-	-	-	-	-	-	-	ND (0.035)	ND (0.035)	-	-	-	-	-	-	-
bis(2-Ethylhexyl)phthalate	NA	ND (0.37)	ND (0.36)	-	-	-	-	-	-	-	ND (0.35)	ND (0.35)	-	-	-	-	-	-	-
Butyl benzylphthalate (BBP)	NA	ND (0.37)	ND (0.36)	-	-	-	-	-	-	-	ND (0.35)	ND (0.35)	-	-	-	-	-	-	-
Caprolactam	NA	ND (0.37)	ND (0.36)	-	-	-	-	-	-	-	ND (0.35)	ND (0.35)	-	-	-	-	-	-	-
Carbazole	NA	ND (0.37)	ND (0.36)	-	-	-	-	-	-	-	ND (0.35)	ND (0.35)	-	-	-	-	-	-	-
Chrysene	56	ND (0.37)	ND (0.36)	-	-	-	-	-	-	-	ND (0.35)	ND (0.35)	-	-	-	-	-	-	-
Dibenz(a,h)anthracene	0.56	ND (0.037)	ND (0.036)	-	-	-	-	-	-	-	ND (0.035)	ND (0.035)	-	-	-	-	-	-	-
Dibenzofuran	350	ND (0.37)	ND (0.36)	-	-	-	-	-	-	-	ND (0.35)	ND (0.35)	-	-	-	-	-	-	-
Diethyl phthalate	NA	ND (0.37)	ND (0.36)	-	-	-	-	-	-	-	ND (0.35)	ND (0.35)	-	-	-	-	-	-	-
Dimethyl phthalate	NA	ND (0.37)	ND (0.36)	-	-	-	-	-	-	-	ND (0.35)	ND (0.35)	-	-	-	-	-	-	-
Di-n-butylphthalate (DBP)	NA	ND (0.37)	ND (0.36)	-	-	-	-	-	-	-	ND (0.35)	ND (0.35)	-	-	-	-	-	-	-
Di-n-octyl phthalate (DnOP)	NA	ND (0.37)	ND (0.36)	-	-	-	-	-	-	-	ND (0.35)	ND (0.35)	-	-	-	-	-	-	-
Fluoranthene	500	ND (0.37)	ND (0.36)	-	-	-	-	-	-	-	ND (0.35)	ND (0.35)	-	-	-	-	-	-	-
Fluorene	500	ND (0.37)	ND (0.36)	-	-	-	-	-	-	-	ND (0.35)	ND (0.35)	-	-	-	-	-	-	-
Hexachlorobenzene	6	ND (0.037)	ND (0.036)	-	-	-	-	-	-	-	ND (0.035)	ND (0.035)	-	-	-	-	-	-	-
Hexachlorobutadiene	NA	ND (0.075)	ND (0.073)	-	-	-	-	-	-	-	ND (0.07)	ND (0.071)	-	-	-	-	-	-	-
Hexachlorocyclopentadiene	NA	ND (0.37)	ND (0.36)	-	-	-	-	-	-	-	ND (0.35)	ND (0.35)	-	-	-	-	-	-	-
Hexachloroethane	NA	ND (0.037)	ND (0.036)	-	-	-	-	-	-	-	ND (0.035)	ND (0.035)	-	-	-	-	-	-	-
Indeno(1,2,3-cd)pyrene	5.6	ND (0.037)	ND (0.036)	-	-	-	-	-	-	-	ND (0.035)	ND (0.035)	-	-	-	-	-	-	-
Isophorone	NA	ND (0.15)	ND (0.15)	-	-	-	-	-	-	-	ND (0.14)	ND (0.14)	-	-	-	-	-	-	-
Naphthalene	500	ND (0.37)	ND (0.36)	-	-	-	-	-	-	-	ND (0.35)	ND (0.35)	-	-	-	-	-	-	-
Nitrobenzene	NA	ND (0.037)	ND (0.036)	-	-	-	-	-	-	-	ND (0.035)	ND (0.035)	-	-	-	-	-	-	-
N-Nitrosodi-n-propylamine	NA	ND (0.037)	ND (0.036)	-	-	-	-	-	-	-	ND (0.035)	ND (0.035)	-	-	-	-	-	-	-
N-Nitrosodiphenylamine	NA	ND (0.37)	ND (0.36)	-	-	-	-	-	-	-	ND (0.35)	ND (0.35)	-	-	-	-	-	-	-
Pentachlorophenol	6.7	ND (0.3)	ND (0.29)	-	-	-	-	-	-	-	ND (0.28)	ND (0.28)	-	-	-	-	-	-	-
Phenanthrene	500	ND (0.37)	ND (0.36)	-	-	-	-	-	-	-	ND (0.35)	ND (0.35)	-	-	-	-	-	-	-
Phenol	500	ND (0.37)	ND (0.36)	-	-	-	-	-	-	-	ND (0.35)	ND (0.35)	-	-	-	-	-	-	-
Pyrene	500	ND (0.37)	ND (0.36)	-	-	-	-	-	-	-	ND (0.35)	ND (0.35)	-	-	-	-	-	-	-

TABLE 20
SUMMARY OF SOIL QUALITY DATA - BERM 55
FORMER PORT MOBIL TERMINAL
STATEN ISLAND, NEW YORK
FILE NO. 0208998

	Criteria																		
Location Name	NY Part 375	55A	55A	55A1	55A1	55A2	55A2	55A3	55A3	55A3	55B	55B	55B1	55B1	55B1	55B2	55B2	55B3	55B3
Sample Name	Commercial	55A_0-3	55A_3-6	55A1_0-1	55A1_3-4	55A2_1-2	55A2_4-5	55A3_2-3	55A3_4-5	55A3_5-6	55B_0-3	55B_3-6	55B1_1-2	55B1_3-4	55B1_5-6	55B2_2-3	55B2_4-5	55B3_3-4	55B3_4-5
Sample Date	Use	09/30/2025	09/30/2025	09/30/2025	09/30/2025	09/30/2025	09/30/2025	09/30/2025	09/30/2025	09/30/2025	09/30/2025	09/30/2025	09/30/2025	09/30/2025	09/30/2025	09/30/2025	09/30/2025	09/30/2025	09/30/2025
Lab Sample ID	Soil Cleanup	460-336081-1	460-336081-2	460-336081-15	460-336081-18	460-336081-16	460-336081-19	460-336081-17	460-336081-21	460-336081-20	460-336081-3	460-336081-4	460-336081-22	460-336081-25	460-336081-28	460-336081-23	460-336081-26	460-336081-24	460-336081-27
Sample Depth (bgs)	Objectives	0 (ft)	3 (ft)	0 (ft)	3 (ft)	1 (ft)	4 (ft)	2 (ft)	4 (ft)	5 (ft)	0 (ft)	3 (ft)	1 (ft)	3 (ft)	5 (ft)	2 (ft)	4 (ft)	3 (ft)	4 (ft)
PFAS (mg/kg)																			
11-Chloroeicosafluoro-3-Oxaundecane-1-Sulfonic Acid (11Cl-PF3OUdS)	NA	ND (0.00019)	ND (0.0002)	-	-	-	-	-	-	-	ND (0.0002)	ND (0.00019)	-	-	-	-	-	-	-
2H,2H,3H,3H-Perfluorooctanoic acid (5:3 FTCA)	NA	ND (0.00096)	ND (0.00099)	-	-	-	-	-	-	-	ND (0.001)	ND (0.00095)	-	-	-	-	-	-	-
3-(Perfluoroheptyl)propanoic acid (7:3 FTCA)	NA	ND (0.00096)	ND (0.00099)	-	-	-	-	-	-	-	ND (0.001)	ND (0.00095)	-	-	-	-	-	-	-
3:3 Fluorotelomer carboxylic acid (3:3 FTCA)	NA	ND (0.00038)	ND (0.0004)	-	-	-	-	-	-	-	ND (0.0004)	ND (0.00038)	-	-	-	-	-	-	-
4,8-Dioxa-3H-Perfluorononanoic Acid (ADONA)	NA	ND (0.00019)	ND (0.0002)	-	-	-	-	-	-	-	ND (0.0002)	ND (0.00019)	-	-	-	-	-	-	-
4:2 Fluorotelomer sulfonic acid (4:2 FTS)	NA	ND (0.00038)	ND (0.0004)	-	-	-	-	-	-	-	ND (0.0004)	ND (0.00038)	-	-	-	-	-	-	-
6:2 Fluorotelomer sulfonic acid (6:2 FTS)	NA	ND (0.00038)	ND (0.0004)	-	-	-	-	-	-	-	ND (0.0004)	ND (0.00038)	-	-	-	-	-	-	-
8:2 Fluorotelomer sulfonic acid (8:2 FTS)	NA	ND (0.00038)	ND (0.0004)	-	-	-	-	-	-	-	ND (0.0004)	ND (0.00038)	-	-	-	-	-	-	-
9-Chlorohexadecafluoro-3-Oxanone-1-Sulfonic Acid (9Cl-PF3ONS)	NA	ND (0.00019)	ND (0.0002)	-	-	-	-	-	-	-	ND (0.0002)	ND (0.00019)	-	-	-	-	-	-	-
N-Ethyl Perfluorooctanesulfonamidoacetic Acid (NEtFOSAA)	NA	ND (0.00019)	ND (0.0002)	-	-	-	-	-	-	-	ND (0.0002)	ND (0.00019)	-	-	-	-	-	-	-
N-Ethylperfluorooctane sulfonamide (N-EtFOSA)	NA	ND (0.00019)	ND (0.0002)	-	-	-	-	-	-	-	ND (0.0002)	ND (0.00019)	-	-	-	-	-	-	-
N-Ethylperfluorooctane sulfonamidoethanol (N-EtFOSE)	NA	ND (0.00096)	ND (0.00099)	-	-	-	-	-	-	-	ND (0.001)	ND (0.00095)	-	-	-	-	-	-	-
N-Methyl Perfluorooctanesulfonamidoacetic Acid (NMeFOSAA)	NA	ND (0.00019)	ND (0.0002)	-	-	-	-	-	-	-	ND (0.0002)	ND (0.00019)	-	-	-	-	-	-	-
N-Methylperfluorooctane sulfonamide (N-MeFOSA)	NA	ND (0.00019)	ND (0.0002)	-	-	-	-	-	-	-	ND (0.0002)	ND (0.00019)	-	-	-	-	-	-	-
N-Methylperfluorooctane sulfonamidoethanol (N-MeFOSE)	NA	ND (0.00096)	ND (0.00099)	-	-	-	-	-	-	-	ND (0.001)	ND (0.00095)	-	-	-	-	-	-	-
Nonafluoro-3,6-dioxaheptanoic acid (NFDHA)	NA	ND (0.00019)	ND (0.0002)	-	-	-	-	-	-	-	ND (0.0002)	ND (0.00019)	-	-	-	-	-	-	-
Perfluoro(2-ethoxyethane) sulphonic acid (PFEESA)	NA	ND (0.00019)	ND (0.0002)	-	-	-	-	-	-	-	ND (0.0002)	ND (0.00019)	-	-	-	-	-	-	-
Perfluoro(4-methoxybutanoic) acid (PFMBA)	NA	ND (0.00019)	ND (0.0002)	-	-	-	-	-	-	-	ND (0.0002)	ND (0.00019)	-	-	-	-	-	-	-
Perfluoro-2-propoxypropanoic acid (PFPrOPrA)(GenX) (HFPO-DA)	NA	ND (0.00019)	ND (0.0002)	-	-	-	-	-	-	-	ND (0.0002)	ND (0.00019)	-	-	-	-	-	-	-
Perfluoro-3-methoxypropanoic acid (PFMPA)	NA	ND (0.00019)	ND (0.0002)	-	-	-	-	-	-	-	ND (0.0002)	ND (0.00019)	-	-	-	-	-	-	-
Perfluorobutanesulfonic acid (PFBS)	NA	ND (0.00019)	ND (0.0002)	-	-	-	-	-	-	-	ND (0.0002)	ND (0.00019)	-	-	-	-	-	-	-
Perfluorobutanoic acid (PFBA)	NA	ND (0.00038)	ND (0.0004)	-	-	-	-	-	-	-	ND (0.0004)	ND (0.00038)	-	-	-	-	-	-	-
Perfluorodecanesulfonic acid (PFDS)	NA	ND (0.00019)	ND (0.0002)	-	-	-	-	-	-	-	ND (0.0002)	ND (0.00019)	-	-	-	-	-	-	-
Perfluorodecanoic acid (PFDA)	NA	0.00026	0.00013 J	-	-	-	-	-	-	-	0.00023	0.0001 J	-	-	-	-	-	-	-
Perfluorododecane sulfonic acid (PFDoDS)	NA	ND (0.00019)	ND (0.0002)	-	-	-	-	-	-	-	ND (0.0002)	ND (0.00019)	-	-	-	-	-	-	-
Perfluorododecanoic acid (PFDoDA)	NA	0.00023	0.00025	-	-	-	-	-	-	-	0.00011 J	ND (0.00019)	-	-	-	-	-	-	-
Perfluoroheptanesulfonic acid (PFHpS)	NA	ND (0.00019)	ND (0.0002)	-	-	-	-	-	-	-	ND (0.0002)	ND (0.00019)	-	-	-	-	-	-	-
Perfluoroheptanoic acid (PFHpA)	NA	ND (0.00019)	ND (0.0002)	-	-	-	-	-	-	-	ND (0.0002)	ND (0.00019)	-	-	-	-	-	-	-
Perfluorohexanesulfonic acid (PFHxS)	NA	ND (0.00019)	ND (0.0002)	-	-	-	-	-	-	-	ND (0.0002)	ND (0.00019)	-	-	-	-	-	-	-
Perfluorohexanoic acid (PFHxA)	NA	ND (0.00019)	ND (0.0002)	-	-	-	-	-	-	-	ND (0.0002)	ND (0.00019)	-	-	-	-	-	-	-
Perfluorononane sulfonic acid (PFNS)	NA	ND (0.00019)	ND (0.0002)	-	-	-	-	-	-	-	ND (0.0002)	ND (0.00019)	-	-	-	-	-	-	-
Perfluorononanoic acid (PFNA)	NA	0.00075	0.00027	-	-	-	-	-	-	-	0.00042	0.00033	-	-	-	-	-	-	-
Perfluorooctane sulfonamide (PFOSA)	NA	ND (0.00019)	ND (0.0002)	-	-	-	-	-	-	-	ND (0.0002)	ND (0.00019)	-	-	-	-	-	-	-
Perfluorooctanesulfonic acid (PFOS)	0.44	ND (0.00019)	ND (0.0002)	-	-	-	-	-	-	-	ND (0.0002)	ND (0.00019)	-	-	-	-	-	-	-
Perfluorooctanoic acid (PFOA)	0.5	0.00057	0.00014 J	-	-	-	-	-	-	-	0.00014 J	0.00015 J	-	-	-	-	-	-	-
Perfluoropentanesulfonic acid (PFPeS)	NA	ND (0.00019)	ND (0.0002)	-	-	-	-	-	-	-	ND (0.0002)	ND (0.00019)	-	-	-	-	-	-	-
Perfluoropentanoic acid (PFPeA)	NA	ND (0.00019)	ND (0.0002)	-	-	-	-	-	-	-	ND (0.0002)	ND (0.00019)	-	-	-	-	-	-	-
Perfluorotetradecanoic acid (PFTeDA)	NA	ND (0.00019)	ND (0.0002)	-	-	-	-	-	-	-	ND (0.0002)	ND (0.00019)	-	-	-	-	-	-	-
Perfluorotridecanoic acid (PFTrDA)	NA	0.00123	0.00072	-	-	-	-	-	-	-	0.00039	0.00015 J	-	-	-	-	-	-	-
Perfluoroundecanoic acid (PFUnDA)	NA	0.00175	0.00117	-	-	-	-	-	-	-	0.00086	0.00053	-	-	-	-	-	-	-
Pesticides (mg/kg)																			
4,4'-DDD	92	ND (0.0075)	ND (0.0073)	-	-	-	-	-	-	-	ND (0.007)	ND (0.0072)	-	-	-	-	-	-	-
4,4'-DDE	62	ND (0.0075)	ND (0.0073)	-	-	-	-	-	-	-	ND (0.007)	ND (0.0072)	-	-	-	-	-	-	-
4,4'-DDT	47	ND (0.0075)	ND (0.0073)	-	-	-	-	-	-	-	ND (0.007)	ND (0.0072)	-	-	-	-	-	-	-
Aldrin	0.68	ND (0.0075)	ND (0.0073)	-	-	-	-	-	-	-	ND (0.007)	ND (0.0072)	-	-	-	-	-	-	-
alpha-BHC	3.4	ND (0.0022)	ND (0.0022)	-	-	-	-	-	-	-	ND (0.0021)	ND (0.0021)	-	-	-	-	-	-	-
alpha-Chlordane (cis)	24	ND (0.0075)	ND (0.0073)	-	-	-	-	-	-	-	ND (0.007)	ND (0.0072)	-	-	-	-	-	-	-
beta-BHC	3	ND (0.0022)	ND (0.0022)	-	-	-	-	-	-	-	ND (0.0021)	ND (0.0021)	-	-	-	-	-	-	-
Chlordane	NA	ND (0.075)	ND (0.073)	-	-	-	-	-	-	-	ND (0.07)	ND (0.072)	-	-	-	-	-	-	-
delta-BHC	500	ND (0.0022)	ND (0.0022)	-	-	-	-	-	-	-	ND (0.0021)	ND (0.0021)	-	-	-	-	-	-	-
Dieldrin	1.4	ND (0.0022)	ND (0.0022)	-	-	-	-	-	-	-	ND (0.0021)	ND (0.0021)	-	-	-	-	-	-	-
Endosulfan I	200	ND (0.0075)	ND (0.0073)	-	-	-	-	-	-	-	ND (0.007)	ND (0.0072)	-	-	-	-	-	-	-
Endosulfan II	200	ND (0.0075)	ND (0.0073)	-	-	-	-	-	-	-	ND (0.007)	ND (0.0072)	-	-	-	-	-	-	-
Endosulfan sulfate	200	ND (0.0075)	ND (0.0073)	-	-	-	-	-	-	-	ND (0.007)	ND (0.0072)	-	-	-	-	-	-	-
Endrin	89	ND (0.0075)	ND (0.0073)	-	-	-	-	-	-	-	ND (0.007)	ND (0.0072)	-	-	-	-	-	-	-
Endrin aldehyde	NA	ND (0.0075)	ND (0.0073)	-	-	-	-	-	-	-	ND (0.007)	ND (0.0072)	-	-	-	-	-	-	-
Endrin ketone	NA	ND (0.0075)	ND (0.0073)	-	-	-	-	-	-	-	ND (0.007)	ND (0.0072)	-	-	-	-	-	-	-
gamma-BHC (Lindane)	9.2	ND (0.0022)	ND (0.0022)	-	-	-	-	-	-	-	ND (0.0021)	ND (0.0021)	-	-	-	-	-	-	-
Heptachlor	15	ND (0.0075)	ND (0.0073)	-	-	-	-	-	-	-	ND (0.007)	ND (0.0072)	-	-	-	-	-	-	-
Heptachlor epoxide	NA	ND (0.0075)	ND (0.0073)	-	-	-	-	-	-	-	ND (0.007)	ND (0.0072)	-	-	-	-	-	-	-
Methoxychlor	NA	ND (0.0075)	ND (0.0073)	-	-	-	-	-	-	-	ND (0.007)	ND (0.0072)	-	-	-	-	-	-	-
Toxaphene	NA	ND (0.075)	ND (0.073)	-	-	-	-	-	-	-	ND (0.07)	ND (0.072)	-	-	-	-	-	-	-

TABLE 20
SUMMARY OF SOIL QUALITY DATA - BERM 55
FORMER PORT MOBIL TERMINAL
STATEN ISLAND, NEW YORK
FILE NO. 0208998

	Criteria																		
Location Name	NY Part 375	55A	55A	55A1	55A1	55A2	55A2	55A3	55A3	55A3	55B	55B	55B1	55B1	55B1	55B2	55B2	55B3	55B3
Sample Name	Commercial	55A_0-3	55A_3-6	55A1_0-1	55A1_3-4	55A2_1-2	55A2_4-5	55A3_2-3	55A3_4-5	55A3_5-6	55B_0-3	55B_3-6	55B1_1-2	55B1_3-4	55B1_5-6	55B2_2-3	55B2_4-5	55B3_3-4	55B3_4-5
Sample Date	Use	09/30/2025	09/30/2025	09/30/2025	09/30/2025	09/30/2025	09/30/2025	09/30/2025	09/30/2025	09/30/2025	09/30/2025	09/30/2025	09/30/2025	09/30/2025	09/30/2025	09/30/2025	09/30/2025	09/30/2025	09/30/2025
Lab Sample ID	Soil Cleanup	460-336081-1	460-336081-2	460-336081-15	460-336081-18	460-336081-16	460-336081-19	460-336081-17	460-336081-21	460-336081-20	460-336081-3	460-336081-4	460-336081-22	460-336081-25	460-336081-28	460-336081-23	460-336081-26	460-336081-24	460-336081-27
Sample Depth (bgs)	Objectives	0 (ft)	3 (ft)	0 (ft)	3 (ft)	1 (ft)	4 (ft)	2 (ft)	4 (ft)	5 (ft)	0 (ft)	3 (ft)	1 (ft)	3 (ft)	5 (ft)	2 (ft)	4 (ft)	3 (ft)	4 (ft)
Polychlorinated Biphenyls (mg/kg)																			
Aroclor-1016 (PCB-1016)	NA	ND (0.075)	ND (0.073)	-	-	-	-	-	-	-	ND (0.07)	ND (0.072)	-	-	-	-	-	-	-
Aroclor-1221 (PCB-1221)	NA	ND (0.075)	ND (0.073)	-	-	-	-	-	-	-	ND (0.07)	ND (0.072)	-	-	-	-	-	-	-
Aroclor-1232 (PCB-1232)	NA	ND (0.075)	ND (0.073)	-	-	-	-	-	-	-	ND (0.07)	ND (0.072)	-	-	-	-	-	-	-
Aroclor-1242 (PCB-1242)	NA	ND (0.075)	ND (0.073)	-	-	-	-	-	-	-	ND (0.07)	ND (0.072)	-	-	-	-	-	-	-
Aroclor-1248 (PCB-1248)	NA	ND (0.075)	ND (0.073)	-	-	-	-	-	-	-	ND (0.07)	ND (0.072)	-	-	-	-	-	-	-
Aroclor-1254 (PCB-1254)	NA	ND (0.075)	ND (0.073)	-	-	-	-	-	-	-	ND (0.07)	ND (0.072)	-	-	-	-	-	-	-
Aroclor-1260 (PCB-1260)	NA	ND (0.075)	ND (0.073)	-	-	-	-	-	-	-	ND (0.07)	ND (0.072)	-	-	-	-	-	-	-
Aroclor-1262 (PCB-1262)	NA	ND (0.075)	ND (0.073)	-	-	-	-	-	-	-	ND (0.07)	ND (0.072)	-	-	-	-	-	-	-
Aroclor-1268 (PCB-1268)	NA	ND (0.075)	ND (0.073)	-	-	-	-	-	-	-	ND (0.07)	ND (0.072)	-	-	-	-	-	-	-
Total PCBs	1	ND (0.075)	ND (0.073)	-	-	-	-	-	-	-	ND (0.07)	ND (0.072)	-	-	-	-	-	-	-
Inorganic Compounds (mg/kg)																			
Aluminum	NA	11700	10400	-	-	-	-	-	-	-	5390	8390	-	-	-	-	-	-	-
Antimony	NA	0.83 J	0.72 J	-	-	-	-	-	-	-	0.74 J	0.62 J	-	-	-	-	-	-	-
Arsenic	16	7.6	6.6	-	-	-	-	-	-	-	6.9	5.4	-	-	-	-	-	-	-
Barium	400	126	105 N	-	-	-	-	-	-	-	45.8	101	-	-	-	-	-	-	-
Beryllium	590	1.8	1.6	-	-	-	-	-	-	-	0.53	0.99	-	-	-	-	-	-	-
Cadmium	9.3	0.29 J	0.19 J	-	-	-	-	-	-	-	0.12 J	0.15 J	-	-	-	-	-	-	-
Calcium	NA	2460	2450	-	-	-	-	-	-	-	851	1830	-	-	-	-	-	-	-
Chromium	NA	59.3	45.5	-	-	-	-	-	-	-	16.8	26	-	-	-	-	-	-	-
Cobalt	NA	19.7	13.4	-	-	-	-	-	-	-	5.9	7.1	-	-	-	-	-	-	-
Copper	270	106	74.8	-	-	-	-	-	-	-	39.2	43.3	-	-	-	-	-	-	-
Iron	NA	31400	24800	-	-	-	-	-	-	-	16100	20200	-	-	-	-	-	-	-
Lead	1000	300	141	-	-	-	-	-	-	-	90.8	162	-	-	-	-	-	-	-
Magnesium	NA	1820	1890	-	-	-	-	-	-	-	804	832	-	-	-	-	-	-	-
Manganese	10000	283	202	-	-	-	-	-	-	-	81	110	-	-	-	-	-	-	-
Mercury	2.8	0.035	0.027	-	-	-	-	-	-	-	0.016 J	0.014 J	-	-	-	-	-	-	-
Nickel	310	123	68.3	-	-	-	-	-	-	-	21.6	19	-	-	-	-	-	-	-
Potassium	NA	1340	1230	-	-	-	-	-	-	-	691	1080	-	-	-	-	-	-	-
Selenium	1500	0.47 J	0.47 J	-	-	-	-	-	-	-	0.45 J	0.37 J	-	-	-	-	-	-	-
Silver	1500	0.2 J	0.19 J	-	-	-	-	-	-	-	0.18 J	0.11 J	-	-	-	-	-	-	-
Sodium	NA	260	213	-	-	-	-	-	-	-	110	249	-	-	-	-	-	-	-
Thallium	NA	0.13 J	0.12 J	-	-	-	-	-	-	-	0.092 J	0.082 J	-	-	-	-	-	-	-
Vanadium	NA	29.7	27.2	-	-	-	-	-	-	-	21.5	24	-	-	-	-	-	-	-
Zinc	10000	429	239	-	-	-	-	-	-	-	140	216	-	-	-	-	-	-	-

ABBREVIATIONS AND NOTES:

mg/kg: milligram per kilogram

**: LCS or LCSD is outside acceptance limits.*
-: Not Analyzed
B: Compound was found in the blank and the associated sample.
bgs: below ground surface
ft: feet
J: Value is estimated.
NA: Not Applicable
ND (2.5): Not detected, number in parentheses is the laboratory reporting limit

- For test methods used, see the laboratory data sheets.
- Soil analytical results are compared to the New York State Department of Environmental Conservation (NYSDEC) Title 6 of the Official Compilation of New York Codes, Rules, and Regulations (NYCRR) Part 375 Commercial Use Soil Cleanup Objectives (SCO).
- Grey shading indicates an exceedance of the Commercial Use Soil Cleanup Objectives.

TABLE 20
SUMMARY OF SOIL QUALITY DATA - BERM 55
FORMER PORT MOBIL TERMINAL
STATEN ISLAND, NEW YORK
FILE NO. 0208998

	Criteria										
Location Name	NY Part 375	55C	55C	55C1	55C1	55C1	55C2	55C2	55C3	55C3
Sample Name	Commercial	55C_0-3	55C_3-6	55C1_1-2	55C1_3-4	55C1_5-6	55C2_1-2	55C2_3-4	55C3_2-3	55C3_4-5
Sample Date	Use	09/30/2025	09/30/2025	09/30/2025	09/30/2025	09/30/2025	09/30/2025	09/30/2025	09/30/2025	09/30/2025
Lab Sample ID	Soil Cleanup	460-336081-5	460-336081-6	460-336081-29	460-336081-32	460-336081-35	460-336081-30	460-336081-33	460-336081-31	460-336081-34
Sample Depth (bgs)	Objectives	0 (ft)	3 (ft)	1 (ft)	3 (ft)	5 (ft)	1 (ft)	3 (ft)	2 (ft)	4 (ft)
Volatile Organic Compounds (mg/kg)										
1,1,1-Trichloroethane	500	-	-	ND (0.0011)	ND (0.0012)	ND (0.00086)	ND (0.0011)	ND (0.001)	ND (0.0011)	ND (0.0011)
1,1,2,2-Tetrachloroethane	NA	-	-	ND (0.0011)	ND (0.0012)	ND (0.00086)	ND (0.0011)	ND (0.001)	ND (0.0011)	ND (0.0011)
1,1,2-Trichloroethane	NA	-	-	ND (0.0011)	ND (0.0012)	ND (0.00086)	ND (0.0011)	ND (0.001)	ND (0.0011)	ND (0.0011)
1,1-Dichloroethane	240	-	-	ND (0.0011)	ND (0.0012)	ND (0.00086)	ND (0.0011)	ND (0.001)	ND (0.0011)	ND (0.0011)
1,1-Dichloroethene	500	-	-	ND (0.0011)	ND (0.0012)	ND (0.00086)	ND (0.0011)	ND (0.001)	ND (0.0011)	ND (0.0011)
1,2,3-Trichlorobenzene	NA	-	-	ND (0.0011)	ND (0.0012)	ND (0.00086)	ND (0.0011)	ND (0.001)	ND (0.0011)	ND (0.0011)
1,2,4-Trichlorobenzene	NA	-	-	ND (0.0011)	ND (0.0012)	ND (0.00086)	ND (0.0011)	ND (0.001)	ND (0.0011)	ND (0.0011)
1,2,4-Trimethylbenzene	190	-	-	ND (0.0011)	ND (0.0012)	ND (0.00086)	ND (0.0011)	ND (0.001)	ND (0.0011)	ND (0.0011)
1,2-Dibromo-3-chloropropane (DBCP)	NA	-	-	ND (0.0011)	ND (0.0012)	ND (0.00086)	ND (0.0011)	ND (0.001)	ND (0.0011)	ND (0.0011)
1,2-Dibromoethane (Ethylene Dibromide)	NA	-	-	ND (0.0011)	ND (0.0012)	ND (0.00086)	ND (0.0011)	ND (0.001)	ND (0.0011)	ND (0.0011)
1,2-Dichlorobenzene	500	-	-	ND (0.0011)	ND (0.0012)	ND (0.00086)	ND (0.0011)	ND (0.001)	ND (0.0011)	ND (0.0011)
1,2-Dichloroethane	30	-	-	ND (0.0011)	ND (0.0012)	ND (0.00086)	ND (0.0011)	ND (0.001)	ND (0.0011)	ND (0.0011)
1,2-Dichloropropane	NA	-	-	ND (0.0011)	ND (0.0012)	ND (0.00086)	ND (0.0011)	ND (0.001)	ND (0.0011)	ND (0.0011)
1,3,5-Trimethylbenzene	190	-	-	ND (0.0011)	ND (0.0012)	ND (0.00086)	ND (0.0011)	ND (0.001)	ND (0.0011)	ND (0.0011)
1,3-Dichlorobenzene	280	-	-	ND (0.0011)	ND (0.0012)	ND (0.00086)	ND (0.0011)	ND (0.001)	ND (0.0011)	ND (0.0011)
1,4-Dichlorobenzene	130	-	-	ND (0.0011)	ND (0.0012)	ND (0.00086)	ND (0.0011)	ND (0.001)	ND (0.0011)	ND (0.0011)
2-Butanone (Methyl Ethyl Ketone)	500	-	-	ND (0.0055)	ND (0.0061)	ND (0.0043)	ND (0.0056)	ND (0.005)	ND (0.0053)	ND (0.0055)
2-Hexanone (Methyl Butyl Ketone)	NA	-	-	ND (0.0055)	ND (0.0061)	ND (0.0043)	ND (0.0056)	ND (0.005)	ND (0.0053)	ND (0.0055)
2-Phenylbutane (sec-Butylbenzene)	500	-	-	ND (0.0011)	ND (0.0012)	ND (0.00086)	ND (0.0011)	ND (0.001)	ND (0.0011)	ND (0.0011)
4-Methyl-2-Pentanone (Methyl Isobutyl Ketone)	NA	-	-	ND (0.0055)	ND (0.0061)	ND (0.0043)	ND (0.0056)	ND (0.005)	ND (0.0053)	ND (0.0055)
Acetone	500	-	-	ND (0.0066)	ND (0.0073)	ND (0.0052)	ND (0.0067)	ND (0.006)	ND (0.0064)	ND (0.0066)
Benzene	44	-	-	ND (0.0011)	ND (0.0012)	ND (0.00086)	ND (0.0011)	ND (0.001)	ND (0.0011)	ND (0.0011)
Bromodichloromethane	NA	-	-	ND (0.0011)	ND (0.0012)	ND (0.00086)	ND (0.0011)	ND (0.001)	ND (0.0011)	ND (0.0011)
Bromoform	NA	-	-	ND (0.0011)	ND (0.0012)	ND (0.00086)	ND (0.0011)	ND (0.001)	ND (0.0011)	ND (0.0011)
Bromomethane (Methyl Bromide)	NA	-	-	ND (0.0022)	ND (0.0024)	ND (0.0017)	ND (0.0022)	ND (0.002)	ND (0.0021)	ND (0.0022)
Carbon disulfide	NA	-	-	ND (0.0011)	ND (0.0012)	ND (0.00086)	ND (0.0011)	ND (0.001)	ND (0.0011)	ND (0.0011)
Carbon tetrachloride	22	-	-	ND (0.0011)	ND (0.0012)	ND (0.00086)	ND (0.0011)	ND (0.001)	ND (0.0011)	ND (0.0011)
Chlorobenzene	500	-	-	ND (0.0011)	ND (0.0012)	ND (0.00086)	ND (0.0011)	ND (0.001)	ND (0.0011)	ND (0.0011)
Chlorobromomethane	NA	-	-	ND (0.0011)	ND (0.0012)	ND (0.00086)	ND (0.0011)	ND (0.001)	ND (0.0011)	ND (0.0011)
Chloroethane	NA	-	-	ND (0.0011)	ND (0.0012)	ND (0.00086)	ND (0.0011)	ND (0.001)	ND (0.0011)	ND (0.0011)
Chloroform (Trichloromethane)	350	-	-	ND (0.0011)	ND (0.0012)	ND (0.00086)	ND (0.0011)	ND (0.001)	ND (0.0011)	ND (0.0011)
Chloromethane (Methyl Chloride)	NA	-	-	ND (0.0011)	ND (0.0012)	ND (0.00086)	ND (0.0011)	ND (0.001)	ND (0.0011)	ND (0.0011)
cis-1,2-Dichloroethene	500	-	-	ND (0.0011)	ND (0.0012)	ND (0.00086)	ND (0.0011)	ND (0.001)	ND (0.0011)	ND (0.0011)
cis-1,3-Dichloropropene	NA	-	-	ND (0.0011)	ND (0.0012)	ND (0.00086)	ND (0.0011)	ND (0.001)	ND (0.0011)	ND (0.0011)
Cyclohexane	NA	-	-	ND (0.0011)	ND (0.0012)	ND (0.00086)	ND (0.0011)	ND (0.001)	ND (0.0011)	ND (0.0011)
Dibromochloromethane	NA	-	-	ND (0.0011)	ND (0.0012)	ND (0.00086)	ND (0.0011)	ND (0.001)	ND (0.0011)	ND (0.0011)
Dichlorodifluoromethane (CFC-12)	NA	-	-	ND (0.0011)	ND (0.0012)	ND (0.00086)	ND (0.0011)	ND (0.001)	ND (0.0011)	ND (0.0011)
Ethylbenzene	390	-	-	ND (0.0011)	ND (0.0012)	ND (0.00086)	ND (0.0011)	ND (0.001)	ND (0.0011)	ND (0.0011)
Isopropylbenzene (Cumene)	NA	-	-	ND (0.0011)	ND (0.0012)	ND (0.00086)	ND (0.0011)	ND (0.001)	ND (0.0011)	ND (0.0011)
m,p-Xylenes	NA	-	-	ND (0.0011)	ND (0.0012)	ND (0.00086)	ND (0.0011)	ND (0.001)	ND (0.0011)	ND (0.0011)
Methyl acetate	NA	-	-	ND (0.0055)	ND (0.0061)	ND (0.0043)	ND (0.0056)	ND (0.005)	ND (0.0053)	ND (0.0055)
Methyl Tert Butyl Ether (MTBE)	500	-	-	ND (0.0011)	ND (0.0012)	ND (0.00086)	ND (0.0011)	ND (0.001)	ND (0.0011)	ND (0.0011)
Methylcyclohexane	NA	-	-	ND (0.0011)	ND (0.0012)	ND (0.00086)	ND (0.0011)	ND (0.001)	ND (0.0011)	ND (0.0011)
Methylene chloride (Dichloromethane)	500	-	-	0.0032	0.0046	0.0039	0.0029	0.0042	0.0027	0.0055
n-Butylbenzene	500	-	-	ND (0.0011)	ND (0.0012)	ND (0.00086)	ND (0.0011)	ND (0.001)	ND (0.0011)	ND (0.0011)
n-Propylbenzene	500	-	-	ND (0.0011)	ND (0.0012)	ND (0.00086)	ND (0.0011)	ND (0.001)	ND (0.0011)	ND (0.0011)
o-Xylene	NA	-	-	ND (0.0011)	ND (0.0012)	ND (0.00086)	ND (0.0011)	ND (0.001)	ND (0.0011)	ND (0.0011)
Styrene	NA	-	-	ND (0.0011)	ND (0.0012)	ND (0.00086)	ND (0.0011)	ND (0.001)	ND (0.0011)	ND (0.0011)
tert-Butylbenzene	500	-	-	ND (0.0011)	ND (0.0012)	ND (0.00086)	ND (0.0011)	ND (0.001)	ND (0.0011)	ND (0.0011)
Tetrachloroethene	150	-	-	ND (0.0011)	ND (0.0012)	ND (0.00086)	ND (0.0011)	ND (0.001)	ND (0.0011)	ND (0.0011)
Toluene	500	-	-	ND (0.0011)	ND (0.0012)	ND (0.00086)	ND (0.0011)	ND (0.001)	ND (0.0011)	ND (0.0011)
trans-1,2-Dichloroethene	500	-	-	ND (0.0011)	ND (0.0012)	ND (0.00086)	ND (0.0011)	ND (0.001)	ND (0.0011)	ND (0.0011)
trans-1,3-Dichloropropene	NA	-	-	ND (0.0011)	ND (0.0012)	ND (0.00086)	ND (0.0011)	ND (0.001)	ND (0.0011)	ND (0.0011)
Trichloroethene	200	-	-	ND (0.0011)	ND (0.0012)	ND (0.00086)	ND (0.0011)	ND (0.001)	ND (0.0011)	ND (0.0011)
Trichlorofluoromethane (CFC-11)	NA	-	-	ND (0.0011)	ND (0.0012)	ND (0.00086)	ND (0.0011)	ND (0.001)	ND (0.0011)	ND (0.0011)
Trifluorotrichloroethane (Freon 113)	NA	-	-	ND (0.0011)	ND (0.0012)	ND (0.00086)	ND (0.0011)	ND (0.001)	ND (0.0011)	ND (0.0011)
Vinyl chloride	13	-	-	ND (0.0011)	ND (0.0012)	ND (0.00086)	ND (0.0011)	ND (0.001)	ND (0.0011)	ND (0.0011)
Xylene (Total)	500	-	-	ND (0.0022)	ND (0.0024)	ND (0.0017)	ND (0.0022)	ND (0.002)	ND (0.0021)	ND (0.0022)

TABLE 20
SUMMARY OF SOIL QUALITY DATA - BERM 55
FORMER PORT MOBIL TERMINAL
STATEN ISLAND, NEW YORK
FILE NO. 0208998

	Criteria									
Location Name	NY Part 375	55C	55C	55C1	55C1	55C1	55C2	55C2	55C3	55C3
Sample Name	Commercial	55C_0-3	55C_3-6	55C1_1-2	55C1_3-4	55C1_5-6	55C2_1-2	55C2_3-4	55C3_2-3	55C3_4-5
Sample Date	Use	09/30/2025	09/30/2025	09/30/2025	09/30/2025	09/30/2025	09/30/2025	09/30/2025	09/30/2025	09/30/2025
Lab Sample ID	Soil Cleanup	460-336081-5	460-336081-6	460-336081-29	460-336081-32	460-336081-35	460-336081-30	460-336081-33	460-336081-31	460-336081-34
Sample Depth (bgs)	Objectives	0 (ft)	3 (ft)	1 (ft)	3 (ft)	5 (ft)	1 (ft)	3 (ft)	2 (ft)	4 (ft)
Semi-Volatile Organic Compounds (mg/kg)										
1,2,4,5-Tetrachlorobenzene	NA	ND (0.35)	ND (0.36)	-	-	-	-	-	-	-
1,4-Dioxane	130	ND (0.035)	ND (0.036)	-	-	-	-	-	-	-
2,2'-oxybis(1-Chloropropane)	NA	ND (0.35)	ND (0.36)	-	-	-	-	-	-	-
2,3,4,6-Tetrachlorophenol	NA	ND (0.35)	ND (0.36)	-	-	-	-	-	-	-
2,4,5-Trichlorophenol	NA	ND (0.35)	ND (0.36)	-	-	-	-	-	-	-
2,4,6-Trichlorophenol	NA	ND (0.14)	ND (0.14)	-	-	-	-	-	-	-
2,4-Dichlorophenol	NA	ND (0.14)	ND (0.14)	-	-	-	-	-	-	-
2,4-Dimethylphenol	NA	ND (0.35)	ND (0.36)	-	-	-	-	-	-	-
2,4-Dinitrophenol	NA	ND (0.28)	ND (0.29)	-	-	-	-	-	-	-
2,4-Dinitrotoluene	NA	ND (0.07)	ND (0.073)	-	-	-	-	-	-	-
2,6-Dinitrotoluene	NA	ND (0.07)	ND (0.073)	-	-	-	-	-	-	-
2-Chloronaphthalene	NA	ND (0.35)	ND (0.36)	-	-	-	-	-	-	-
2-Chlorophenol	NA	ND (0.35)	ND (0.36)	-	-	-	-	-	-	-
2-Methylnaphthalene	NA	ND (0.35)	ND (0.36)	-	-	-	-	-	-	-
2-Methylphenol (o-Cresol)	500	ND (0.35)	ND (0.36)	-	-	-	-	-	-	-
2-Nitroaniline	NA	ND (0.35)	ND (0.36)	-	-	-	-	-	-	-
2-Nitrophenol	NA	ND (0.35)	ND (0.36)	-	-	-	-	-	-	-
3&4-Methylphenol	NA	ND (0.35)	ND (0.36)	-	-	-	-	-	-	-
3,3'-Dichlorobenzidine	NA	ND (0.14)	ND (0.14)	-	-	-	-	-	-	-
3-Nitroaniline	NA	ND (0.35)	ND (0.36)	-	-	-	-	-	-	-
4,6-Dinitro-2-methylphenol	NA	ND (0.28)	ND (0.29)	-	-	-	-	-	-	-
4-Bromophenyl phenyl ether (BDE-3)	NA	ND (0.35)	ND (0.36)	-	-	-	-	-	-	-
4-Chloro-3-methylphenol	NA	ND (0.35)	ND (0.36)	-	-	-	-	-	-	-
4-Chloroaniline	NA	ND (0.35)	ND (0.36)	-	-	-	-	-	-	-
4-Chlorophenyl phenyl ether	NA	ND (0.35)	ND (0.36)	-	-	-	-	-	-	-
4-Methylphenol	500	ND (0.35)	ND (0.36)	-	-	-	-	-	-	-
4-Nitroaniline	NA	ND (0.35)	ND (0.36)	-	-	-	-	-	-	-
4-Nitrophenol	NA	ND (0.7)	ND (0.73)	-	-	-	-	-	-	-
Acenaphthene	500	ND (0.35)	ND (0.36)	-	-	-	-	-	-	-
Acenaphthylene	500	ND (0.35)	ND (0.36)	-	-	-	-	-	-	-
Acetophenone	NA	ND (0.35)	ND (0.36)	-	-	-	-	-	-	-
Anthracene	500	ND (0.35)	ND (0.36)	-	-	-	-	-	-	-
Atrazine	NA	ND (0.14)	ND (0.14)	-	-	-	-	-	-	-
Benzaldehyde	NA	ND (0.35)	ND (0.36)	-	-	-	-	-	-	-
Benzo(a)anthracene	5.6	ND (0.035)	ND (0.036)	-	-	-	-	-	-	-
Benzo(a)pyrene	1	ND (0.035)	ND (0.036)	-	-	-	-	-	-	-
Benzo(b)fluoranthene	5.6	ND (0.035)	ND (0.036)	-	-	-	-	-	-	-
Benzo(g,h,i)perylene	500	ND (0.35)	ND (0.36)	-	-	-	-	-	-	-
Benzo(k)fluoranthene	56	ND (0.035)	ND (0.036)	-	-	-	-	-	-	-
Biphenyl	NA	ND (0.35)	ND (0.36)	-	-	-	-	-	-	-
bis(2-Chloroethoxy)methane	NA	ND (0.35)	ND (0.36)	-	-	-	-	-	-	-
bis(2-Chloroethyl)ether	NA	ND (0.035)	ND (0.036)	-	-	-	-	-	-	-
bis(2-Ethylhexyl)phthalate	NA	ND (0.35)	ND (0.36)	-	-	-	-	-	-	-
Butyl benzylphthalate (BBP)	NA	ND (0.35)	ND (0.36)	-	-	-	-	-	-	-
Caprolactam	NA	ND (0.35)	ND (0.36)	-	-	-	-	-	-	-
Carbazole	NA	ND (0.35)	ND (0.36)	-	-	-	-	-	-	-
Chrysene	56	ND (0.35)	ND (0.36)	-	-	-	-	-	-	-
Dibenz(a,h)anthracene	0.56	ND (0.035)	ND (0.036)	-	-	-	-	-	-	-
Dibenzofuran	350	ND (0.35)	ND (0.36)	-	-	-	-	-	-	-
Diethyl phthalate	NA	ND (0.35)	ND (0.36)	-	-	-	-	-	-	-
Dimethyl phthalate	NA	ND (0.35)	ND (0.36)	-	-	-	-	-	-	-
Di-n-butylphthalate (DBP)	NA	ND (0.35)	ND (0.36)	-	-	-	-	-	-	-
Di-n-octyl phthalate (DnOP)	NA	ND (0.35)	ND (0.36)	-	-	-	-	-	-	-
Fluoranthene	500	ND (0.35)	ND (0.36)	-	-	-	-	-	-	-
Fluorene	500	ND (0.35)	ND (0.36)	-	-	-	-	-	-	-
Hexachlorobenzene	6	ND (0.035)	ND (0.036)	-	-	-	-	-	-	-
Hexachlorobutadiene	NA	ND (0.07)	ND (0.073)	-	-	-	-	-	-	-
Hexachlorocyclopentadiene	NA	ND (0.35)	ND (0.36)	-	-	-	-	-	-	-
Hexachloroethane	NA	ND (0.035)	ND (0.036)	-	-	-	-	-	-	-
Indeno(1,2,3-cd)pyrene	5.6	ND (0.035)	ND (0.036)	-	-	-	-	-	-	-
Isophorone	NA	ND (0.14)	ND (0.14)	-	-	-	-	-	-	-
Naphthalene	500	ND (0.35)	ND (0.36)	-	-	-	-	-	-	-
Nitrobenzene	NA	ND (0.035)	ND (0.036)	-	-	-	-	-	-	-
N-Nitrosodi-n-propylamine	NA	ND (0.035)	ND (0.036)	-	-	-	-	-	-	-
N-Nitrosodiphenylamine	NA	ND (0.35)	ND (0.36)	-	-	-	-	-	-	-
Pentachlorophenol	6.7	ND (0.28)	ND (0.29)	-	-	-	-	-	-	-
Phenanthrene	500	ND (0.35)	ND (0.36)	-	-	-	-	-	-	-
Phenol	500	ND (0.35)	ND (0.36)	-	-	-	-	-	-	-
Pyrene	500	ND (0.35)	ND (0.36)	-	-	-	-	-	-	-

TABLE 20
SUMMARY OF SOIL QUALITY DATA - BERM 55
FORMER PORT MOBIL TERMINAL
STATEN ISLAND, NEW YORK
FILE NO. 0208998

	Criteria									
Location Name	NY Part 375	55C	55C	55C1	55C1	55C1	55C2	55C2	55C3	55C3
Sample Name	Commercial	55C_0-3	55C_3-6	55C1_1-2	55C1_3-4	55C1_5-6	55C2_1-2	55C2_3-4	55C3_2-3	55C3_4-5
Sample Date	Use	09/30/2025	09/30/2025	09/30/2025	09/30/2025	09/30/2025	09/30/2025	09/30/2025	09/30/2025	09/30/2025
Lab Sample ID	Soil Cleanup	460-336081-5	460-336081-6	460-336081-29	460-336081-32	460-336081-35	460-336081-30	460-336081-33	460-336081-31	460-336081-34
Sample Depth (bgs)	Objectives	0 (ft)	3 (ft)	1 (ft)	3 (ft)	5 (ft)	1 (ft)	3 (ft)	2 (ft)	4 (ft)
PFAS (mg/kg)										
11-Chloroeicosafluoro-3-Oxaundecane-1-Sulfonic Acid (11Cl-PF3OUdS)	NA	ND (0.00019)	ND (0.00019)	-	-	-	-	-	-	-
2H,2H,3H,3H-Perfluorooctanoic acid (5:3 FTCA)	NA	ND (0.00095)	ND (0.00097)	-	-	-	-	-	-	-
3-(Perfluoroheptyl)propanoic acid (7:3 FTCA)	NA	ND (0.00095)	ND (0.00097)	-	-	-	-	-	-	-
3:3 Fluorotelomer carboxylic acid (3:3 FTCA)	NA	ND (0.00038)	ND (0.00039)	-	-	-	-	-	-	-
4,8-Dioxa-3H-Perfluorononanoic Acid (ADONA)	NA	ND (0.00019)	ND (0.00019)	-	-	-	-	-	-	-
4:2 Fluorotelomer sulfonic acid (4:2 FTS)	NA	ND (0.00038)	ND (0.00039)	-	-	-	-	-	-	-
6:2 Fluorotelomer sulfonic acid (6:2 FTS)	NA	ND (0.00038)	ND (0.00039)	-	-	-	-	-	-	-
8:2 Fluorotelomer sulfonic acid (8:2 FTS)	NA	ND (0.00038)	ND (0.00039)	-	-	-	-	-	-	-
9-Chlorohexadecafluoro-3-Oxanone-1-Sulfonic Acid (9Cl-PF3ONS)	NA	ND (0.00019)	ND (0.00019)	-	-	-	-	-	-	-
N-Ethyl Perfluorooctanesulfonamidoacetic Acid (NEtFOSAA)	NA	ND (0.00019)	ND (0.00019)	-	-	-	-	-	-	-
N-Ethylperfluorooctane sulfonamide (N-EtFOSA)	NA	ND (0.00019)	ND (0.00019)	-	-	-	-	-	-	-
N-Ethylperfluorooctane sulfonamidoethanol (N-EtFOSE)	NA	ND (0.00095)	ND (0.00097)	-	-	-	-	-	-	-
N-Methyl Perfluorooctanesulfonamidoacetic Acid (NMeFOSAA)	NA	ND (0.00019)	ND (0.00019)	-	-	-	-	-	-	-
N-Methylperfluorooctane sulfonamide (N-MeFOSA)	NA	ND (0.00019)	ND (0.00019)	-	-	-	-	-	-	-
N-Methylperfluorooctane sulfonamidoethanol (N-MeFOSE)	NA	ND (0.00095)	ND (0.00097)	-	-	-	-	-	-	-
Nonafluoro-3,6-dioxaheptanoic acid (NFDHA)	NA	ND (0.00019)	ND (0.00019)	-	-	-	-	-	-	-
Perfluoro(2-ethoxyethane) sulphonic acid (PFEESA)	NA	ND (0.00019)	ND (0.00019)	-	-	-	-	-	-	-
Perfluoro(4-methoxybutanoic) acid (PFMBA)	NA	ND (0.00019)	ND (0.00019)	-	-	-	-	-	-	-
Perfluoro-2-propoxypropanoic acid (PFPrOPrA)(GenX) (HFPO-DA)	NA	ND (0.00019)	ND (0.00019)	-	-	-	-	-	-	-
Perfluoro-3-methoxypropanoic acid (PFMPA)	NA	ND (0.00019)	ND (0.00019)	-	-	-	-	-	-	-
Perfluorobutanesulfonic acid (PFBS)	NA	ND (0.00019)	ND (0.00019)	-	-	-	-	-	-	-
Perfluorobutanoic acid (PFBA)	NA	ND (0.00038)	ND (0.00039)	-	-	-	-	-	-	-
Perfluorodecanesulfonic acid (PFDS)	NA	ND (0.00019)	ND (0.00019)	-	-	-	-	-	-	-
Perfluorodecanoic acid (PFDA)	NA	ND (0.00019)	0.00012 J	-	-	-	-	-	-	-
Perfluorododecane sulfonic acid (PFDoDS)	NA	ND (0.00019)	ND (0.00019)	-	-	-	-	-	-	-
Perfluorododecanoic acid (PFDoDA)	NA	ND (0.00019)	ND (0.00019)	-	-	-	-	-	-	-
Perfluoroheptanesulfonic acid (PFHpS)	NA	ND (0.00019)	ND (0.00019)	-	-	-	-	-	-	-
Perfluoroheptanoic acid (PFHpA)	NA	ND (0.00019)	0.00011 J	-	-	-	-	-	-	-
Perfluorohexanesulfonic acid (PFHxS)	NA	ND (0.00019)	ND (0.00019)	-	-	-	-	-	-	-
Perfluorohexanoic acid (PFHxA)	NA	ND (0.00019)	0.00012 J	-	-	-	-	-	-	-
Perfluorononane sulfonic acid (PFNS)	NA	ND (0.00019)	ND (0.00019)	-	-	-	-	-	-	-
Perfluorononanoic acid (PFNA)	NA	ND (0.00012)	0.00087	-	-	-	-	-	-	-
Perfluorooctane sulfonamide (PFOSA)	NA	ND (0.00019)	ND (0.00019)	-	-	-	-	-	-	-
Perfluorooctanesulfonic acid (PFOS)	0.44	ND (0.00019)	ND (0.00019)	-	-	-	-	-	-	-
Perfluorooctanoic acid (PFOA)	0.5	0.00039	0.00037	-	-	-	-	-	-	-
Perfluoropentanesulfonic acid (PFPeS)	NA	ND (0.00019)	ND (0.00019)	-	-	-	-	-	-	-
Perfluoropentanoic acid (PFPeA)	NA	ND (0.00019)	ND (0.00019)	-	-	-	-	-	-	-
Perfluorotetradecanoic acid (PFTeDA)	NA	ND (0.00019)	ND (0.00019)	-	-	-	-	-	-	-
Perfluorotridecanoic acid (PFTrDA)	NA	ND (0.00019)	0.00032	-	-	-	-	-	-	-
Perfluoroundecanoic acid (PFUnDA)	NA	ND (0.00019)	0.00065	-	-	-	-	-	-	-
Pesticides (mg/kg)										
4,4'-DDD	92	ND (0.007)	ND (0.0073)	-	-	-	-	-	-	-
4,4'-DDE	62	ND (0.007)	ND (0.0073)	-	-	-	-	-	-	-
4,4'-DDT	47	ND (0.007)	ND (0.0073)	-	-	-	-	-	-	-
Aldrin	0.68	ND (0.007)	ND (0.0073)	-	-	-	-	-	-	-
alpha-BHC	3.4	ND (0.0021)	ND (0.0022)	-	-	-	-	-	-	-
alpha-Chlordane (cis)	24	ND (0.007)	ND (0.0073)	-	-	-	-	-	-	-
beta-BHC	3	ND (0.0021)	ND (0.0022)	-	-	-	-	-	-	-
Chlordane	NA	ND (0.07)	ND (0.073)	-	-	-	-	-	-	-
delta-BHC	500	ND (0.0021)	ND (0.0022)	-	-	-	-	-	-	-
Dieldrin	1.4	ND (0.0021)	ND (0.0022)	-	-	-	-	-	-	-
Endosulfan I	200	ND (0.007)	ND (0.0073)	-	-	-	-	-	-	-
Endosulfan II	200	ND (0.007)	ND (0.0073)	-	-	-	-	-	-	-
Endosulfan sulfate	200	ND (0.007)	ND (0.0073)	-	-	-	-	-	-	-
Endrin	89	ND (0.007)	ND (0.0073)	-	-	-	-	-	-	-
Endrin aldehyde	NA	ND (0.007)	ND (0.0073)	-	-	-	-	-	-	-
Endrin ketone	NA	ND (0.007)	ND (0.0073)	-	-	-	-	-	-	-
gamma-BHC (Lindane)	9.2	ND (0.0021)	ND (0.0022)	-	-	-	-	-	-	-
Heptachlor	15	ND (0.007)	ND (0.0073)	-	-	-	-	-	-	-
Heptachlor epoxide	NA	ND (0.007)	ND (0.0073)	-	-	-	-	-	-	-
Methoxychlor	NA	ND (0.007)	ND (0.0073)	-	-	-	-	-	-	-
Toxaphene	NA	ND (0.07)	ND (0.073)	-	-	-	-	-	-	-

TABLE 20
SUMMARY OF SOIL QUALITY DATA - BERM 55
FORMER PORT MOBIL TERMINAL
STATEN ISLAND, NEW YORK
FILE NO. 0208998

	Criteria									
Location Name	NY Part 375	55C	55C	55C1	55C1	55C1	55C2	55C2	55C3	55C3
Sample Name	Commercial	55C_0-3	55C_3-6	55C1_1-2	55C1_3-4	55C1_5-6	55C2_1-2	55C2_3-4	55C3_2-3	55C3_4-5
Sample Date	Use	09/30/2025	09/30/2025	09/30/2025	09/30/2025	09/30/2025	09/30/2025	09/30/2025	09/30/2025	09/30/2025
Lab Sample ID	Soil Cleanup	460-336081-5	460-336081-6	460-336081-29	460-336081-32	460-336081-35	460-336081-30	460-336081-33	460-336081-31	460-336081-34
Sample Depth (bgs)	Objectives	0 (ft)	3 (ft)	1 (ft)	3 (ft)	5 (ft)	1 (ft)	3 (ft)	2 (ft)	4 (ft)
Polychlorinated Biphenyls (mg/kg)										
Aroclor-1016 (PCB-1016)	NA	ND (0.07)	ND (0.073)	-	-	-	-	-	-	-
Aroclor-1221 (PCB-1221)	NA	ND (0.07)	ND (0.073)	-	-	-	-	-	-	-
Aroclor-1232 (PCB-1232)	NA	ND (0.07)	ND (0.073)	-	-	-	-	-	-	-
Aroclor-1242 (PCB-1242)	NA	ND (0.07)	ND (0.073)	-	-	-	-	-	-	-
Aroclor-1248 (PCB-1248)	NA	ND (0.07)	ND (0.073)	-	-	-	-	-	-	-
Aroclor-1254 (PCB-1254)	NA	ND (0.07)	ND (0.073)	-	-	-	-	-	-	-
Aroclor-1260 (PCB-1260)	NA	ND (0.07)	ND (0.073)	-	-	-	-	-	-	-
Aroclor-1262 (PCB-1262)	NA	ND (0.07)	ND (0.073)	-	-	-	-	-	-	-
Aroclor-1268 (PCB-1268)	NA	ND (0.07)	ND (0.073)	-	-	-	-	-	-	-
Total PCBs	1	ND (0.07)	ND (0.073)	-	-	-	-	-	-	-
Inorganic Compounds (mg/kg)										
Aluminum	NA	5230	4650	-	-	-	-	-	-	-
Antimony	NA	0.95 J	0.42 J	-	-	-	-	-	-	-
Arsenic	16	7.4	4.5	-	-	-	-	-	-	-
Barium	400	30.5	33.6	-	-	-	-	-	-	-
Beryllium	590	0.46	0.37 J	-	-	-	-	-	-	-
Cadmium	9.3	ND (0.97)	ND (0.97)	-	-	-	-	-	-	-
Calcium	NA	325	362	-	-	-	-	-	-	-
Chromium	NA	12	10.1	-	-	-	-	-	-	-
Cobalt	NA	4	3.2	-	-	-	-	-	-	-
Copper	270	36.5	25.5	-	-	-	-	-	-	-
Iron	NA	16600	13500	-	-	-	-	-	-	-
Lead	1000	72.7	26.8	-	-	-	-	-	-	-
Magnesium	NA	1230	830	-	-	-	-	-	-	-
Manganese	10000	139	117	-	-	-	-	-	-	-
Mercury	2.8	0.02	0.024	-	-	-	-	-	-	-
Nickel	310	9.3	6.2	-	-	-	-	-	-	-
Potassium	NA	685	551	-	-	-	-	-	-	-
Selenium	1500	0.55 J	0.33 J	-	-	-	-	-	-	-
Silver	1500	0.35 J	0.17 J	-	-	-	-	-	-	-
Sodium	NA	52.3 J	47.2 J	-	-	-	-	-	-	-
Thallium	NA	0.065 J	0.083 J	-	-	-	-	-	-	-
Vanadium	NA	22.1	17.2	-	-	-	-	-	-	-
Zinc	10000	46.6	33	-	-	-	-	-	-	-

ABBREVIATIONS AND NOTES:

mg/kg: milligram per kilogram

**: LCS or LCSD is outside acceptance limits.*
-: Not Analyzed
B: Compound was found in the blank and the associated sample.
bgs: below ground surface
ft: feet
J: Value is estimated.
NA: Not Applicable
ND (2.5): Not detected, number in parentheses is the laboratory reporting limit

- For test methods used, see the laboratory data sheets.
- Soil analytical results are compared to the New York State Department of Environmental Conservation (NYSDEC) Title 6 of the Official Compilation of New York Codes, Rules, and Regulations (NYCRR) Part 375 Commercial Use Soil Cleanup Objectives (SCO).
- Grey shading indicates an exceedance of the Commercial Use Soil Cleanup Objectives.

TABLE 21
SUMMARY OF SOIL QUALITY DATA - BERM 56
FORMER PORT MOBIL TERMINAL
STATEN ISLAND, NEW YORK
FILE NO. 0208998

	Criteria																		
Location Name	NY Part 375	56A	56A	56A1	56A1	56A1	56A2	56A2	56A3	56A3	56B	56B	56B1	56B1	56B1	56B2	56B2	56B3	56B3
Sample Name	Commercial	56A_0-3	56A_3-6	56A1_1-2	56A1_3-4	56A1_5-6	56A2_2-3	56A2_4-5	56A3_2-3	56A3_4-5	56B_0-3	56B_3-6	56B1_1-2	56B1_3-4	56B1_5-6	56B2_2-3	56B2_4-5	56B3_3-4	56B3_5-6
Sample Date	Use	09/30/2025	09/30/2025	09/30/2025	09/30/2025	09/30/2025	09/30/2025	09/30/2025	09/30/2025	09/30/2025	09/30/2025	09/30/2025	09/30/2025	09/30/2025	09/30/2025	09/30/2025	09/30/2025	09/30/2025	09/30/2025
Lab Sample ID	Soil Cleanup	460-336081-7	460-336081-8	460-336081-36	460-336081-39	460-336081-42	460-336081-37	460-336081-40	460-336081-38	460-336081-41	460-336081-9	460-336081-10	460-336081-43	460-336081-46	460-336081-49	460-336081-44	460-336081-47	460-336081-45	460-336081-48
Sample Depth (bgs)	Objectives	0 (ft)	3 (ft)	1 (ft)	3 (ft)	5 (ft)	2 (ft)	4 (ft)	2 (ft)	4 (ft)	0 (ft)	3 (ft)	1 (ft)	3 (ft)	5 (ft)	2 (ft)	4 (ft)	3 (ft)	5 (ft)
Volatile Organic Compounds (mg/kg)																			
1,1,1-Trichloroethane	500	-	-	ND (0.0013)	ND (0.00093)	ND (0.00099)	ND (0.0011)	ND (0.001)	ND (0.0012)	ND (0.0008)	-	-	ND (0.00083)	ND (0.00088)	ND (0.001)	ND (0.0009)	ND (0.0012)	ND (0.0012)	ND (0.0011)
1,1,2,2-Tetrachloroethane	NA	-	-	ND (0.0013)	ND (0.00093)	ND (0.00099)	ND (0.0011)	ND (0.001)	ND (0.0012)	ND (0.0008)	-	-	ND (0.00083)	ND (0.00088)	ND (0.001)	ND (0.0009)	ND (0.0012)	ND (0.0012)	ND (0.0011)
1,1,2-Trichloroethane	NA	-	-	ND (0.0013)	ND (0.00093)	ND (0.00099)	ND (0.0011)	ND (0.001)	ND (0.0012)	ND (0.0008)	-	-	ND (0.00083)	ND (0.00088)	ND (0.001)	ND (0.0009)	ND (0.0012)	ND (0.0012)	ND (0.0011)
1,1-Dichloroethane	240	-	-	ND (0.0013)	ND (0.00093)	ND (0.00099)	ND (0.0011)	ND (0.001)	ND (0.0012)	ND (0.0008)	-	-	ND (0.00083)	ND (0.00088)	ND (0.001)	ND (0.0009)	ND (0.0012)	ND (0.0012)	ND (0.0011)
1,1-Dichloroethene	500	-	-	ND (0.0013)	ND (0.00093)	ND (0.00099)	ND (0.0011)	ND (0.001)	ND (0.0012)	ND (0.0008)	-	-	ND (0.00083)	ND (0.00088)	ND (0.001)	ND (0.0009)	ND (0.0012)	ND (0.0012)	ND (0.0011)
1,2,3-Trichlorobenzene	NA	-	-	ND (0.0013)	ND (0.00093)	ND (0.00099)	ND (0.0011)	ND (0.001)	ND (0.0012)	ND (0.0008)	-	-	ND (0.00083)	ND (0.00088)	ND (0.001)	ND (0.0009)	ND (0.0012)	ND (0.0012)	ND (0.0011)
1,2,4-Trichlorobenzene	NA	-	-	ND (0.0013)	ND (0.00093)	ND (0.00099)	ND (0.0011)	ND (0.001)	ND (0.0012)	ND (0.0008)	-	-	ND (0.00083)	ND (0.00088)	ND (0.001)	ND (0.0009)	ND (0.0012)	ND (0.0012)	ND (0.0011)
1,2,4-Trimethylbenzene	190	-	-	ND (0.0013)	ND (0.00093)	ND (0.00099)	ND (0.0011)	ND (0.001)	ND (0.0012)	ND (0.0008)	-	-	ND (0.00083)	ND (0.00088)	ND (0.001)	ND (0.0009)	ND (0.0012)	ND (0.0012)	ND (0.0011)
1,2-Dibromo-3-chloropropane (DBCP)	NA	-	-	ND (0.0013)	ND (0.00093)	ND (0.00099)	ND (0.0011)	ND (0.001)	ND (0.0012)	ND (0.0008)	-	-	ND (0.00083)	ND (0.00088)	ND (0.001)	ND (0.0009)	ND (0.0012)	ND (0.0012)	ND (0.0011)
1,2-Dibromoethane (Ethylene Dibromide)	NA	-	-	ND (0.0013)	ND (0.00093)	ND (0.00099)	ND (0.0011)	ND (0.001)	ND (0.0012)	ND (0.0008)	-	-	ND (0.00083)	ND (0.00088)	ND (0.001)	ND (0.0009)	ND (0.0012)	ND (0.0012)	ND (0.0011)
1,2-Dichlorobenzene	500	-	-	ND (0.0013)	ND (0.00093)	ND (0.00099)	ND (0.0011)	ND (0.001)	ND (0.0012)	ND (0.0008)	-	-	ND (0.00083)	ND (0.00088)	ND (0.001)	ND (0.0009)	ND (0.0012)	ND (0.0012)	ND (0.0011)
1,2-Dichloroethane	30	-	-	ND (0.0013)	ND (0.00093)	ND (0.00099)	ND (0.0011)	ND (0.001)	ND (0.0012)	ND (0.0008)	-	-	ND (0.00083)	ND (0.00088)	ND (0.001)	ND (0.0009)	ND (0.0012)	ND (0.0012)	ND (0.0011)
1,2-Dichloropropane	NA	-	-	ND (0.0013)	ND (0.00093)	ND (0.00099)	ND (0.0011)	ND (0.001)	ND (0.0012)	ND (0.0008)	-	-	ND (0.00083)	ND (0.00088)	ND (0.001)	ND (0.0009)	ND (0.0012)	ND (0.0012)	ND (0.0011)
1,3,5-Trimethylbenzene	190	-	-	ND (0.0013)	ND (0.00093)	ND (0.00099)	ND (0.0011)	ND (0.001)	ND (0.0012)	ND (0.0008)	-	-	ND (0.00083)	ND (0.00088)	ND (0.001)	ND (0.0009)	ND (0.0012)	ND (0.0012)	ND (0.0011)
1,3-Dichlorobenzene	280	-	-	ND (0.0013)	ND (0.00093)	ND (0.00099)	ND (0.0011)	ND (0.001)	ND (0.0012)	ND (0.0008)	-	-	ND (0.00083)	ND (0.00088)	ND (0.001)	ND (0.0009)	ND (0.0012)	ND (0.0012)	ND (0.0011)
1,4-Dichlorobenzene	130	-	-	ND (0.0013)	ND (0.00093)	ND (0.00099)	ND (0.0011)	ND (0.001)	ND (0.0012)	ND (0.0008)	-	-	ND (0.00083)	ND (0.00088)	ND (0.001)	ND (0.0009)	ND (0.0012)	ND (0.0012)	ND (0.0011)
2-Butanone (Methyl Ethyl Ketone)	500	-	-	ND (0.0065)	ND (0.0047)	ND (0.005)	ND (0.0056)	ND (0.0051)	ND (0.0059)	ND (0.004)	-	-	ND (0.0042)	ND (0.0044)	ND (0.005)	ND (0.0045)	ND (0.0058)	ND (0.0061)	ND (0.0055)
2-Hexanone (Methyl Butyl Ketone)	NA	-	-	ND (0.0065)	ND (0.0047)	ND (0.005)	ND (0.0056)	ND (0.0051)	ND (0.0059)	ND (0.004)	-	-	ND (0.0042)	ND (0.0044)	ND (0.005)	ND (0.0045)	ND (0.0058)	ND (0.0061)	ND (0.0055)
2-Phenylbutane (sec-Butylbenzene)	500	-	-	ND (0.0013)	ND (0.00093)	ND (0.00099)	ND (0.0011)	ND (0.001)	ND (0.0012)	ND (0.0008)	-	-	ND (0.00083)	ND (0.00088)	ND (0.001)	ND (0.0009)	ND (0.0012)	ND (0.0012)	ND (0.0011)
4-Methyl-2-Pentanone (Methyl Isobutyl Ketone)	NA	-	-	ND (0.0065)	ND (0.0047)	ND (0.005)	ND (0.0056)	ND (0.0051)	ND (0.0059)	ND (0.004)	-	-	ND (0.0042)	ND (0.0044)	ND (0.005)	ND (0.0045)	ND (0.0058)	ND (0.0061)	ND (0.0055)
Acetone	500	-	-	ND (0.0078)	ND (0.0056)	0.0081	ND (0.0068)	ND (0.0061)	ND (0.0071)	ND (0.0048)	-	-	ND (0.005)	ND (0.0053)	ND (0.006)	ND (0.0054)	ND (0.007)	ND (0.0073)	ND (0.0066)
Benzene	44	-	-	ND (0.0013)	ND (0.00093)	ND (0.00099)	ND (0.0011)	ND (0.001)	ND (0.0012)	ND (0.0008)	-	-	ND (0.00083)	ND (0.00088)	ND (0.001)	ND (0.0009)	ND (0.0012)	ND (0.0012)	ND (0.0011)
Bromodichloromethane	NA	-	-	ND (0.0013)	ND (0.00093)	ND (0.00099)	ND (0.0011)	ND (0.001)	ND (0.0012)	ND (0.0008)	-	-	ND (0.00083)	ND (0.00088)	ND (0.001)	ND (0.0009)	ND (0.0012)	ND (0.0012)	ND (0.0011)
Bromoform	NA	-	-	ND (0.0013)	ND (0.00093)	ND (0.00099)	ND (0.0011)	ND (0.001)	ND (0.0012)	ND (0.0008)	-	-	ND (0.00083)	ND (0.00088)	ND (0.001)	ND (0.0009)	ND (0.0012)	ND (0.0012)	ND (0.0011)
Bromomethane (Methyl Bromide)	NA	-	-	ND (0.0026)	ND (0.0019)	ND (0.002)	ND (0.0023)	ND (0.002)	ND (0.0024)	ND (0.0016)	-	-	ND (0.0017)	ND (0.0018)	ND (0.002)	ND (0.0018)	ND (0.0023)	ND (0.0024)	ND (0.0022)
Carbon disulfide	NA	-	-	ND (0.0013)	ND (0.00093)	ND (0.00099)	ND (0.0011)	ND (0.001)	ND (0.0012)	ND (0.0008)	-	-	ND (0.00083)	ND (0.00088)	ND (0.001)	ND (0.0009)	ND (0.0012)	ND (0.0012)	ND (0.0011)
Carbon tetrachloride	22	-	-	ND (0.0013)	ND (0.00093)	ND (0.00099)	ND (0.0011)	ND (0.001)	ND (0.0012)	ND (0.0008)	-	-	ND (0.00083)	ND (0.00088)	ND (0.001)	ND (0.0009)	ND (0.0012)	ND (0.0012)	ND (0.0011)
Chlorobenzene	500	-	-	ND (0.0013)	ND (0.00093)	ND (0.00099)	ND (0.0011)	ND (0.001)	ND (0.0012)	ND (0.0008)	-	-	ND (0.00083)	ND (0.00088)	ND (0.001)	ND (0.0009)	ND (0.0012)	ND (0.0012)	ND (0.0011)
Chlorobromomethane	NA	-	-	ND (0.0013)	ND (0.00093)	ND (0.00099)	ND (0.0011)	ND (0.001)	ND (0.0012)	ND (0.0008)	-	-	ND (0.00083)	ND (0.00088)	ND (0.001)	ND (0.0009)	ND (0.0012)	ND (0.0012)	ND (0.0011)
Chloroethane	NA	-	-	ND (0.0013)	ND (0.00093)	ND (0.00099)	ND (0.0011)	ND (0.001)	ND (0.0012)	ND (0.0008)	-	-	ND (0.00083)	ND (0.00088)	ND (0.001)	ND (0.0009)	ND (0.0012)	ND (0.0012)	ND (0.0011)
Chloroform (Trichloromethane)	350	-	-	ND (0.0013)	ND (0.00093)	ND (0.00099)	ND (0.0011)	ND (0.001)	ND (0.0012)	ND (0.0008)	-	-	ND (0.00083)	ND (0.00088)	ND (0.001)	ND (0.0009)	ND (0.0012)	ND (0.0012)	ND (0.0011)
Chloromethane (Methyl Chloride)	NA	-	-	ND (0.0013)	ND (0.00093)	ND (0.00099)	ND (0.0011)	ND (0.001)	ND (0.0012)	ND (0.0008)	-	-	ND (0.00083)	ND (0.00088)	ND (0.001)	ND (0.0009)	ND (0.0012)	ND (0.0012)	ND (0.0011)
cis-1,2-Dichloroethene	500	-	-	ND (0.0013)	ND (0.00093)	ND (0.00099)	ND (0.0011)	ND (0.001)	ND (0.0012)	ND (0.0008)	-	-	ND (0.00083)	ND (0.00088)	ND (0.001)	ND (0.0009)	ND (0.0012)	ND (0.0012)	ND (0.0011)
cis-1,3-Dichloropropene	NA	-	-	ND (0.0013)	ND (0.00093)	ND (0.00099)	ND (0.0011)	ND (0.001)	ND (0.0012)	ND (0.0008)	-	-	ND (0.00083)	ND (0.00088)	ND (0.001)	ND (0.0009)	ND (0.0012)	ND (0.0012)	ND (0.0011)
Cyclohexane	NA	-	-	ND (0.0013)	ND (0.00093)	ND (0.00099)	ND (0.0011)	ND (0.001)	ND (0.0012)	ND (0.0008)	-	-	ND (0.00083)	ND (0.00088)	ND (0.001)	ND (0.0009)	ND (0.0012)	ND (0.0012)	ND (0.0011)
Dibromochloromethane	NA	-	-	ND (0.0013)	ND (0.00093)	ND (0.00099)	ND (0.0011)	ND (0.001)	ND (0.0012)	ND (0.0008)	-	-	ND (0.00083)	ND (0.00088)	ND (0.001)	ND (0.0009)	ND (0.0012)	ND (0.0012)	ND (0.0011)
Dichlorodifluoromethane (CFC-12)	NA	-	-	ND (0.0013)	ND (0.00093)	ND (0.00099)	ND (0.0011)	ND (0.001)	ND (0.0012)	ND (0.0008)	-	-	ND (0.00083)	ND (0.00088)	ND (0.001)	ND (0.0009)	ND (0.0012)	ND (0.0012)	ND (0.0011)
Ethylbenzene	390	-	-	ND (0.0013)	ND (0.00093)	ND (0.00099)	ND (0.0011)	ND (0.001)	ND (0.0012)	ND (0.0008)	-	-	ND (0.00083)	ND (0.00088)	ND (0.001)	ND (0.0009)	ND (0.0012)	ND (0.0012)	ND (0.0011)
Isopropylbenzene (Cumene)	NA	-	-	ND (0.0013)	ND (0.00093)	ND (0.00099)	ND (0.0011)	ND (0.001)	ND (0.0012)	ND (0.0008)	-	-	ND (0.00083)	ND (0.00088)	ND (0.001)	ND (0.0009)	ND (0.0012)	ND (0.0012)	ND (0.0011)
m,p-Xylenes	NA	-	-	ND (0.0013)	ND (0.00093)	ND (0.00099)	ND (0.0011)	ND (0.001)	ND (0.0012)	ND (0.0008)	-	-	ND (0.00083)	ND (0.00088)	ND (0.001)	ND (0.0009)	ND (0.0012)	ND (0.0012)	ND (0.0011)
Methyl acetate	NA	-	-	ND (0.0065)	ND (0.0047)	ND (0.005)	ND (0.0056)	ND (0.0051)	ND (0.0059)	ND (0.004)	-	-	ND (0.0042)	ND (0.0044)	ND (0.005)	ND (0.0045)	ND (0.0058)	ND (0.0061)	ND (0.0055)
Methyl Tert Butyl Ether (MTBE)	500	-	-	ND (0.0013)	ND (0.00093)	ND (0.00099)	ND (0.0011)	ND (0.001)	ND (0.0012)	ND (0.0008)	-	-	ND (0.00083)	ND (0.00088)	ND (0.001)	ND (0.0009)	ND (0.0012)	ND (0.0012)	ND (0.0011)
Methylcyclohexane	NA	-	-	ND (0.0013)	ND (0.00093)	ND (0.00099)	ND (0.0011)	ND (0.001)	ND (0.0012)	ND (0.0008)	-	-	ND (0.00083)	ND (0.00088)	ND (0.001)	ND (0.0009)	ND (0.0012)	ND (0.0012)	ND (0.0011)
Methylene chloride (Dichloromethane)	500	-	-	0.0026	0.0042	0.0029	0.0015 J	0.0016 J	0.0044	0.0033	-	-	0.0036	0.0033	0.0051	0.0027	0.0037	0.0037	0.0022
n-Butylbenzene	500	-	-	ND (0.0013)	ND (0.00093)	ND (0.00099)	ND (0.0011)	ND (0.001)	ND (0.0012)	ND (0.0008)	-	-	ND (0.00083)	ND (0.00088)	ND (0.001)	ND (0.0009)	ND (0.0012)	ND (0.0012)	ND (0.0011)
n-Propylbenzene	500	-	-	ND (0.0013)	ND (0.00093)	ND (0.00099)	ND (0.0011)	ND (0.001)	ND (0.0012)	ND (0.0008)	-	-	ND (0.00083)	ND (0.00088)	ND (0.001)	ND (0.0009)	ND (0.0012)	ND (0.0012)	ND (0.0011)
o-Xylene	NA	-	-	ND (0.0013)	ND (0.00093)	ND (0.00099)	ND (0.0011)	ND (0.001)	ND (0.0012)	ND (0.0008)	-	-	ND (0.00083)	ND (0.00088)	ND (0.001)	ND (0.0009)	ND (0.0012)	ND (0.0012)	ND (0.0011)
Styrene	NA	-	-	ND (0.0013)	ND (0.00093)	ND (0.00099)	ND (0.0011)	ND (0.001)	ND (0.0012)	ND (0.0008)	-	-	ND (0.00083)	ND (0.00088)	ND (0.001)	ND (0.0009)	ND (0.0012)	ND (0.0012)	ND (0.0011)
tert-Butylbenzene	500	-	-	ND (0.0013)	ND (0.00093)	ND (0.00099)	ND (0.0011)	ND (0.001)	ND (0.0012)	ND (0.0008)	-	-	ND (0.00083)	ND (0.00088)	ND (0.001)	ND (0.0009)	ND (0.0012)	ND (0.0012)	ND (0.0011)
Tetrachloroethene	150	-	-	ND (0.0013)	ND (0.00093)	ND (0.00099)	ND (0.0011)	ND (0.001)	ND (0.0012)	ND (0.0008)	-	-	ND (0.00083)	ND (0.00088)	ND (0.001)	ND (0.0009)	ND (0.0012)	ND (0.0012)	ND (0.0011)
Toluene	500	-	-	ND (0.0013)	ND (0.00093)	ND (0.00099)	ND (0.0011)	ND (0.001)	ND (0.0012)	ND (0.0008)	-	-	ND (0.00083)	ND (0.00088)	ND (0.001)	ND (0.0009)	ND (0.0012)	ND (0.0012)	ND (0.0011)
trans-1,2-Dichloroethene	500	-	-	ND (0.0013)	ND (0.00093)	ND (0.00099)	ND (0.0011)	ND (0.001)	ND (0.0012)	ND (0.0008)	-	-	ND (0.00083)	ND (0.00088)	ND (0.001)	ND (0.0009)	ND (0.0012)	ND (0.0012)	ND (0.0011)
trans-1,3-Dichloropropene	NA	-	-	ND (0.0013)	ND (0.00093)	ND (0.00099)	ND (0.0011)	ND (0.001)	ND (0.0012)	ND (0.0008)	-	-	ND (0.00083)	ND (0.00088)	ND (0.001)	ND (0.0009)	ND (0.0012)	ND (0.0012)	ND (0.0011)
Trichloroethene	200	-	-	ND (0.0013)	ND (0.00093)	ND (0.00099)	ND (0.0011)	ND (0.001)	ND (0.0012)	ND (0.0008)	-	-	ND (0.00083)	ND (0.00088)	ND (0.001)	ND (0.0009)	ND (0.0012)	ND (0.0012)	ND (0.0011)
Trichlorofluoromethane (CFC-11)	NA	-	-	ND (0.0013)	ND (0.00093)	ND (0.00099)	ND (0.0011)	ND (0.001)	ND (0.0012)	ND (0.0008)	-	-	ND (0.00083)	ND (0.00088)	ND (0.001)	ND (0.0009)	ND (0.0012)	ND (0.0012)	ND (0.0011)
Trifluorotrichloroethane (Freon 113)	NA	-	-	ND (0.0013)	ND (0.00093)	ND (0.00099)	ND (0.0011)	ND (0.001)	ND (0.0012)	ND (0.0008)	-	-	ND (0.00083)	ND (0.00088)	ND (0.001)	ND (0.0009)	ND (0.0012)	ND (0.0012)	ND (0.0011)
Vinyl chloride	13	-	-	ND (0.0013)	ND (0.00093)	ND (0.00099)	ND (0.0011)	ND (0.001)	ND (0.0012)	ND (0.0008)	-	-	ND (0.00083)	ND (0.00088)	ND (0.001)	ND (0.0009)	ND (0.0012)	ND (0.0012)	ND (0.0011)
Xylene (Total)	500	-	-	ND (0.0026)	ND (0.0019)	ND (0.002)	ND (0.0023)	ND (0.002)	ND (0.0024)	ND (0.0016)	-	-	ND (0.0017)	ND (0.0018)	ND (0.002)	ND (0.0018)	ND (0.0023)	ND (0.0024)	ND (0.0022)

TABLE 21
SUMMARY OF SOIL QUALITY DATA - BERM 56
FORMER PORT MOBIL TERMINAL
STATEN ISLAND, NEW YORK
FILE NO. 0208998

Location Name	Criteria	56A	56A	56A1	56A1	56A1	56A2	56A2	56A3	56A3	56B	56B	56B1	56B1	56B1	56B2	56B2	56B3	56B3
Sample Name	NY Part 375	56A_0-3	56A_3-6	56A1_1-2	56A1_3-4	56A1_5-6	56A2_2-3	56A2_4-5	56A3_2-3	56A3_4-5	56B_0-3	56B_3-6	56B1_1-2	56B1_3-4	56B1_5-6	56B2_2-3	56B2_4-5	56B3_3-4	56B3_5-6
Sample Date	Commercial	09/30/2025	09/30/2025	09/30/2025	09/30/2025	09/30/2025	09/30/2025	09/30/2025	09/30/2025	09/30/2025	09/30/2025	09/30/2025	09/30/2025	09/30/2025	09/30/2025	09/30/2025	09/30/2025	09/30/2025	09/30/2025
Lab Sample ID	Use	460-336081-7	460-336081-8	460-336081-36	460-336081-39	460-336081-42	460-336081-37	460-336081-40	460-336081-38	460-336081-41	460-336081-9	460-336081-10	460-336081-43	460-336081-46	460-336081-49	460-336081-44	460-336081-47	460-336081-45	460-336081-48
Sample Depth (bgs)	Soil Cleanup Objectives	0 (ft)	3 (ft)	1 (ft)	3 (ft)	5 (ft)	2 (ft)	4 (ft)	2 (ft)	4 (ft)	0 (ft)	3 (ft)	1 (ft)	3 (ft)	5 (ft)	2 (ft)	4 (ft)	3 (ft)	5 (ft)
Semi-Volatile Organic Compounds (mg/kg)																			
1,2,4,5-Tetrachlorobenzene	NA	ND (0.36)	ND (0.36)	-	-	-	-	-	-	-	ND (0.37)	ND (0.34)	-	-	-	-	-	-	-
1,4-Dioxane	130	ND (0.036)	ND (0.036)	-	-	-	-	-	-	-	ND (0.037)	ND (0.034)	-	-	-	-	-	-	-
2,2'-oxybis(1-Chloropropane)	NA	ND (0.36)	ND (0.36)	-	-	-	-	-	-	-	ND (0.37)	ND (0.34)	-	-	-	-	-	-	-
2,3,4,6-Tetrachlorophenol	NA	ND (0.36)	ND (0.36)	-	-	-	-	-	-	-	ND (0.37)	ND (0.34)	-	-	-	-	-	-	-
2,4,5-Trichlorophenol	NA	ND (0.36)	ND (0.36)	-	-	-	-	-	-	-	ND (0.37)	ND (0.34)	-	-	-	-	-	-	-
2,4,6-Trichlorophenol	NA	ND (0.15)	ND (0.14)	-	-	-	-	-	-	-	ND (0.15)	ND (0.14)	-	-	-	-	-	-	-
2,4-Dichlorophenol	NA	ND (0.15)	ND (0.14)	-	-	-	-	-	-	-	ND (0.15)	ND (0.14)	-	-	-	-	-	-	-
2,4-Dimethylphenol	NA	ND (0.36)	ND (0.36)	-	-	-	-	-	-	-	ND (0.37)	ND (0.34)	-	-	-	-	-	-	-
2,4-Dinitrophenol	NA	ND (0.29)	ND (0.29)	-	-	-	-	-	-	-	ND (0.3)	ND (0.28)	-	-	-	-	-	-	-
2,4-Dinitrotoluene	NA	ND (0.073)	ND (0.072)	-	-	-	-	-	-	-	ND (0.075)	ND (0.07)	-	-	-	-	-	-	-
2,6-Dinitrotoluene	NA	ND (0.073)	ND (0.072)	-	-	-	-	-	-	-	ND (0.075)	ND (0.07)	-	-	-	-	-	-	-
2-Chloronaphthalene	NA	ND (0.36)	ND (0.36)	-	-	-	-	-	-	-	ND (0.37)	ND (0.34)	-	-	-	-	-	-	-
2-Chlorophenol	NA	ND (0.36)	ND (0.36)	-	-	-	-	-	-	-	ND (0.37)	ND (0.34)	-	-	-	-	-	-	-
2-Methylnaphthalene	NA	ND (0.36)	ND (0.36)	-	-	-	-	-	-	-	ND (0.37)	ND (0.34)	-	-	-	-	-	-	-
2-Methylphenol (o-Cresol)	500	ND (0.36)	ND (0.36)	-	-	-	-	-	-	-	ND (0.37)	ND (0.34)	-	-	-	-	-	-	-
2-Nitroaniline	NA	ND (0.36)	ND (0.36)	-	-	-	-	-	-	-	ND (0.37)	ND (0.34)	-	-	-	-	-	-	-
2-Nitrophenol	NA	ND (0.36)	ND (0.36)	-	-	-	-	-	-	-	ND (0.37)	ND (0.34)	-	-	-	-	-	-	-
3&4-Methylphenol	NA	ND (0.36)	ND (0.36)	-	-	-	-	-	-	-	ND (0.37)	ND (0.34)	-	-	-	-	-	-	-
3,3'-Dichlorobenzidine	NA	ND (0.15)	ND (0.14)	-	-	-	-	-	-	-	ND (0.15)	ND (0.14)	-	-	-	-	-	-	-
3-Nitroaniline	NA	ND (0.36)	ND (0.36)	-	-	-	-	-	-	-	ND (0.37)	ND (0.34)	-	-	-	-	-	-	-
4,6-Dinitro-2-methylphenol	NA	ND (0.29)	ND (0.29)	-	-	-	-	-	-	-	ND (0.3)	ND (0.28)	-	-	-	-	-	-	-
4-Bromophenyl phenyl ether (BDE-3)	NA	ND (0.36)	ND (0.36)	-	-	-	-	-	-	-	ND (0.37)	ND (0.34)	-	-	-	-	-	-	-
4-Chloro-3-methylphenol	NA	ND (0.36)	ND (0.36)	-	-	-	-	-	-	-	ND (0.37)	ND (0.34)	-	-	-	-	-	-	-
4-Chloroaniline	NA	ND (0.36)	ND (0.36)	-	-	-	-	-	-	-	ND (0.37)	ND (0.34)	-	-	-	-	-	-	-
4-Chlorophenyl phenyl ether	NA	ND (0.36)	ND (0.36)	-	-	-	-	-	-	-	ND (0.37)	ND (0.34)	-	-	-	-	-	-	-
4-Methylphenol	500	ND (0.36)	ND (0.36)	-	-	-	-	-	-	-	ND (0.37)	ND (0.34)	-	-	-	-	-	-	-
4-Nitroaniline	NA	ND (0.36)	ND (0.36)	-	-	-	-	-	-	-	ND (0.37)	ND (0.34)	-	-	-	-	-	-	-
4-Nitrophenol	NA	ND (0.73)	ND (0.72)	-	-	-	-	-	-	-	ND (0.75)	ND (0.7)	-	-	-	-	-	-	-
Acenaphthene	500	ND (0.36)	ND (0.36)	-	-	-	-	-	-	-	ND (0.37)	ND (0.34)	-	-	-	-	-	-	-
Acenaphthylene	500	ND (0.36)	ND (0.36)	-	-	-	-	-	-	-	ND (0.37)	ND (0.34)	-	-	-	-	-	-	-
Acetophenone	NA	ND (0.36)	ND (0.36)	-	-	-	-	-	-	-	ND (0.37)	ND (0.34)	-	-	-	-	-	-	-
Anthracene	500	ND (0.36)	ND (0.36)	-	-	-	-	-	-	-	ND (0.37)	ND (0.34)	-	-	-	-	-	-	-
Atrazine	NA	ND (0.15)	ND (0.14)	-	-	-	-	-	-	-	ND (0.15)	ND (0.14)	-	-	-	-	-	-	-
Benzaldehyde	NA	ND (0.36)	ND (0.36)	-	-	-	-	-	-	-	ND (0.37)	ND (0.34)	-	-	-	-	-	-	-
Benzo(a)anthracene	5.6	ND (0.036)	ND (0.036)	-	-	-	-	-	-	-	ND (0.037)	ND (0.034)	-	-	-	-	-	-	-
Benzo(a)pyrene	1	ND (0.036)	ND (0.036)	-	-	-	-	-	-	-	ND (0.037)	ND (0.034)	-	-	-	-	-	-	-
Benzo(b)fluoranthene	5.6	ND (0.036)	ND (0.036)	-	-	-	-	-	-	-	ND (0.037)	ND (0.034)	-	-	-	-	-	-	-
Benzo(g,h,i)perylene	500	ND (0.36)	ND (0.36)	-	-	-	-	-	-	-	ND (0.37)	ND (0.34)	-	-	-	-	-	-	-
Benzo(k)fluoranthene	56	ND (0.036)	ND (0.036)	-	-	-	-	-	-	-	ND (0.037)	ND (0.034)	-	-	-	-	-	-	-
Biphenyl	NA	ND (0.36)	ND (0.36)	-	-	-	-	-	-	-	ND (0.37)	ND (0.34)	-	-	-	-	-	-	-
bis(2-Chloroethoxy)methane	NA	ND (0.36)	ND (0.36)	-	-	-	-	-	-	-	ND (0.37)	ND (0.34)	-	-	-	-	-	-	-
bis(2-Chloroethyl)ether	NA	ND (0.036)	ND (0.036)	-	-	-	-	-	-	-	ND (0.037)	ND (0.034)	-	-	-	-	-	-	-
bis(2-Ethylhexyl)phthalate	NA	ND (0.36)	ND (0.36)	-	-	-	-	-	-	-	ND (0.37)	ND (0.34)	-	-	-	-	-	-	-
Butyl benzylphthalate (BBP)	NA	ND (0.36)	ND (0.36)	-	-	-	-	-	-	-	ND (0.37)	ND (0.34)	-	-	-	-	-	-	-
Caprolactam	NA	ND (0.36)	ND (0.36)	-	-	-	-	-	-	-	ND (0.37)	ND (0.34)	-	-	-	-	-	-	-
Carbazole	NA	ND (0.36)	ND (0.36)	-	-	-	-	-	-	-	ND (0.37)	ND (0.34)	-	-	-	-	-	-	-
Chrysene	56	ND (0.36)	ND (0.36)	-	-	-	-	-	-	-	ND (0.37)	ND (0.34)	-	-	-	-	-	-	-
Dibenz(a,h)anthracene	0.56	ND (0.036)	ND (0.036)	-	-	-	-	-	-	-	ND (0.037)	ND (0.034)	-	-	-	-	-	-	-
Dibenzofuran	350	ND (0.36)	ND (0.36)	-	-	-	-	-	-	-	ND (0.37)	ND (0.34)	-	-	-	-	-	-	-
Diethyl phthalate	NA	ND (0.36)	ND (0.36)	-	-	-	-	-	-	-	ND (0.37)	ND (0.34)	-	-	-	-	-	-	-
Dimethyl phthalate	NA	ND (0.36)	ND (0.36)	-	-	-	-	-	-	-	ND (0.37)	ND (0.34)	-	-	-	-	-	-	-
Di-n-butylphthalate (DBP)	NA	ND (0.36)	ND (0.36)	-	-	-	-	-	-	-	ND (0.37)	ND (0.34)	-	-	-	-	-	-	-
Di-n-octyl phthalate (DnOP)	NA	ND (0.36)	ND (0.36)	-	-	-	-	-	-	-	ND (0.37)	ND (0.34)	-	-	-	-	-	-	-
Fluoranthene	500	ND (0.36)	ND (0.36)	-	-	-	-	-	-	-	ND (0.37)	ND (0.34)	-	-	-	-	-	-	-
Fluorene	500	ND (0.36)	ND (0.36)	-	-	-	-	-	-	-	ND (0.37)	ND (0.34)	-	-	-	-	-	-	-
Hexachlorobenzene	6	ND (0.036)	ND (0.036)	-	-	-	-	-	-	-	ND (0.037)	ND (0.034)	-	-	-	-	-	-	-
Hexachlorobutadiene	NA	ND (0.073)	ND (0.072)	-	-	-	-	-	-	-	ND (0.075)	ND (0.07)	-	-	-	-	-	-	-
Hexachlorocyclopentadiene	NA	ND (0.36)	ND (0.36)	-	-	-	-	-	-	-	ND (0.37)	ND (0.34)	-	-	-	-	-	-	-
Hexachloroethane	NA	ND (0.036)	ND (0.036)	-	-	-	-	-	-	-	ND (0.037)	ND (0.034)	-	-	-	-	-	-	-
Indeno(1,2,3-cd)pyrene	5.6	ND (0.036)	ND (0.036)	-	-	-	-	-	-	-	ND (0.037)	ND (0.034)	-	-	-	-	-	-	-
Isophorone	NA	ND (0.15)	ND (0.14)	-	-	-	-	-	-	-	ND (0.15)	ND (0.14)	-	-	-	-	-	-	-
Naphthalene	500	ND (0.36)	ND (0.36)	-	-	-	-	-	-	-	ND (0.37)	ND (0.34)	-	-	-	-	-	-	-
Nitrobenzene	NA	ND (0.036)	ND (0.036)	-	-	-	-	-	-	-	ND (0.037)	ND (0.034)	-	-	-	-	-	-	-
N-Nitrosodi-n-propylamine	NA	ND (0.036)	ND (0.036)	-	-	-	-	-	-	-	ND (0.037)	ND (0.034)	-	-	-	-	-	-	-
N-Nitrosodiphenylamine	NA	ND (0.36)	ND (0.36)	-	-	-	-	-	-	-	ND (0.37)	ND (0.34)	-	-	-	-	-	-	-
Pentachlorophenol	6.7	ND (0.29)	ND (0.29)	-	-	-	-	-	-	-	ND (0.3)	ND (0.28)	-	-	-	-	-	-	-
Phenanthrene	500	ND (0.36)	ND (0.36)	-	-	-	-	-	-	-	ND (0.37)	ND (0.34)	-	-	-	-	-	-	-
Phenol	500	ND (0.36)	ND (0.36)	-	-	-	-	-	-	-	ND (0.37)	ND (0.34)	-	-	-	-	-	-	-
Pyrene	500	ND (0.36)	ND (0.36)	-	-	-	-	-	-	-	ND (0.37)	ND (0.34)	-	-	-	-	-	-	-

TABLE 21
SUMMARY OF SOIL QUALITY DATA - BERM 56
FORMER PORT MOBIL TERMINAL
STATEN ISLAND, NEW YORK
FILE NO. 0208998

Location Name	Criteria	56A	56A	56A1	56A1	56A1	56A2	56A2	56A3	56A3	56B	56B	56B1	56B1	56B1	56B2	56B2	56B3	56B3
Sample Name	NY Part 375	56A_0-3	56A_3-6	56A1_1-2	56A1_3-4	56A1_5-6	56A2_2-3	56A2_4-5	56A3_2-3	56A3_4-5	56B_0-3	56B_3-6	56B1_1-2	56B1_3-4	56B1_5-6	56B2_2-3	56B2_4-5	56B3_3-4	56B3_5-6
Sample Date	Commercial	09/30/2025	09/30/2025	09/30/2025	09/30/2025	09/30/2025	09/30/2025	09/30/2025	09/30/2025	09/30/2025	09/30/2025	09/30/2025	09/30/2025	09/30/2025	09/30/2025	09/30/2025	09/30/2025	09/30/2025	09/30/2025
Lab Sample ID	Use	460-336081-7	460-336081-8	460-336081-36	460-336081-39	460-336081-42	460-336081-37	460-336081-40	460-336081-38	460-336081-41	460-336081-9	460-336081-10	460-336081-43	460-336081-46	460-336081-49	460-336081-44	460-336081-47	460-336081-45	460-336081-48
Sample Depth (bgs)	Soil Cleanup Objectives	0 (ft)	3 (ft)	1 (ft)	3 (ft)	5 (ft)	2 (ft)	4 (ft)	2 (ft)	4 (ft)	0 (ft)	3 (ft)	1 (ft)	3 (ft)	5 (ft)	2 (ft)	4 (ft)	3 (ft)	5 (ft)
PFAS (mg/kg)																			
11-Chloroeicosafluoro-3-Oxaundecane-1-Sulfonic Acid (11Cl-PF3OUdS)	NA	ND (0.0002)	ND (0.0002)	-	-	-	-	-	-	-	ND (0.0002)	ND (0.0002)	-	-	-	-	-	-	-
2H,2H,3H,3H-Perfluorooctanoic acid (5:3 FTCA)	NA	ND (0.00099)	ND (0.001)	-	-	-	-	-	-	-	ND (0.00099)	ND (0.00099)	-	-	-	-	-	-	-
3-(Perfluoroheptyl)propanoic acid (7:3 FTCA)	NA	ND (0.00099)	ND (0.001)	-	-	-	-	-	-	-	ND (0.00099)	ND (0.00099)	-	-	-	-	-	-	-
3:3 Fluorotelomer carboxylic acid (3:3 FTCA)	NA	ND (0.0004)	ND (0.0004)	-	-	-	-	-	-	-	ND (0.00039)	ND (0.00039)	-	-	-	-	-	-	-
4,8-Dioxa-3H-Perfluorononanoic Acid (ADONA)	NA	ND (0.0002)	ND (0.0002)	-	-	-	-	-	-	-	ND (0.0002)	ND (0.0002)	-	-	-	-	-	-	-
4:2 Fluorotelomer sulfonic acid (4:2 FTS)	NA	ND (0.0004)	ND (0.0004)	-	-	-	-	-	-	-	ND (0.00039)	ND (0.00039)	-	-	-	-	-	-	-
6:2 Fluorotelomer sulfonic acid (6:2 FTS)	NA	ND (0.0004)	ND (0.0004)	-	-	-	-	-	-	-	ND (0.00039)	ND (0.00039)	-	-	-	-	-	-	-
8:2 Fluorotelomer sulfonic acid (8:2 FTS)	NA	ND (0.0004)	ND (0.0004)	-	-	-	-	-	-	-	0.00055	ND (0.00039)	-	-	-	-	-	-	-
9-Chlorohexadecafluoro-3-Oxanone-1-Sulfonic Acid (9Cl-PF3ONS)	NA	ND (0.0002)	ND (0.0002)	-	-	-	-	-	-	-	ND (0.0002)	ND (0.0002)	-	-	-	-	-	-	-
N-Ethyl Perfluorooctanesulfonamidoacetic Acid (NEtFOSAA)	NA	ND (0.0002)	ND (0.0002)	-	-	-	-	-	-	-	ND (0.0002)	ND (0.0002)	-	-	-	-	-	-	-
N-Ethylperfluorooctane sulfonamide (N-EtFOSA)	NA	ND (0.0002)	ND (0.0002)	-	-	-	-	-	-	-	ND (0.0002)	ND (0.0002)	-	-	-	-	-	-	-
N-Ethylperfluorooctane sulfonamidoethanol (N-EtFOSE)	NA	ND (0.00099)	ND (0.001)	-	-	-	-	-	-	-	ND (0.00099)	ND (0.00099)	-	-	-	-	-	-	-
N-Methyl Perfluorooctanesulfonamidoacetic Acid (NMeFOSAA)	NA	ND (0.0002)	ND (0.0002)	-	-	-	-	-	-	-	ND (0.0002)	ND (0.0002)	-	-	-	-	-	-	-
N-Methylperfluorooctane sulfonamide (N-MeFOSA)	NA	ND (0.0002)	ND (0.0002)	-	-	-	-	-	-	-	ND (0.0002)	ND (0.0002)	-	-	-	-	-	-	-
N-Methylperfluorooctane sulfonamidoethanol (N-MeFOSE)	NA	ND (0.00099)	ND (0.001)	-	-	-	-	-	-	-	ND (0.00099)	ND (0.00099)	-	-	-	-	-	-	-
Nonafluoro-3,6-dioxaheptanoic acid (NFDHA)	NA	ND (0.0002)	ND (0.0002)	-	-	-	-	-	-	-	ND (0.0002)	ND (0.0002)	-	-	-	-	-	-	-
Perfluoro(2-ethoxyethane) sulphonic acid (PFEESA)	NA	ND (0.0002)	ND (0.0002)	-	-	-	-	-	-	-	ND (0.0002)	ND (0.0002)	-	-	-	-	-	-	-
Perfluoro(4-methoxybutanoic) acid (PFMBA)	NA	ND (0.0002)	ND (0.0002)	-	-	-	-	-	-	-	ND (0.0002)	ND (0.0002)	-	-	-	-	-	-	-
Perfluoro-2-propoxypropanoic acid (PFPrOPrA)(GenX) (HFPO-DA)	NA	ND (0.0002)	ND (0.0002)	-	-	-	-	-	-	-	ND (0.0002)	ND (0.0002)	-	-	-	-	-	-	-
Perfluoro-3-methoxypropanoic acid (PFMPA)	NA	ND (0.0002)	ND (0.0002)	-	-	-	-	-	-	-	ND (0.0002)	ND (0.0002)	-	-	-	-	-	-	-
Perfluorobutanesulfonic acid (PFBS)	NA	ND (0.0002)	ND (0.0002)	-	-	-	-	-	-	-	ND (0.0002)	ND (0.0002)	-	-	-	-	-	-	-
Perfluorobutanoic acid (PFBA)	NA	ND (0.0004)	ND (0.0004)	-	-	-	-	-	-	-	ND (0.00039)	ND (0.00039)	-	-	-	-	-	-	-
Perfluorodecanesulfonic acid (PFDS)	NA	ND (0.0002)	ND (0.0002)	-	-	-	-	-	-	-	ND (0.0002)	ND (0.0002)	-	-	-	-	-	-	-
Perfluorodecanoic acid (PFDA)	NA	0.00012 J	0.00011 J	-	-	-	-	-	-	-	0.00012 J	ND (0.0002)	-	-	-	-	-	-	-
Perfluorododecane sulfonic acid (PFDoDS)	NA	ND (0.0002)	ND (0.0002)	-	-	-	-	-	-	-	ND (0.0002)	ND (0.0002)	-	-	-	-	-	-	-
Perfluorododecanoic acid (PFDoDA)	NA	ND (0.0002)	ND (0.0002)	-	-	-	-	-	-	-	0.00019 J	ND (0.0002)	-	-	-	-	-	-	-
Perfluoroheptanesulfonic acid (PFHpS)	NA	ND (0.0002)	ND (0.0002)	-	-	-	-	-	-	-	ND (0.0002)	ND (0.0002)	-	-	-	-	-	-	-
Perfluoroheptanoic acid (PFHpA)	NA	ND (0.0002)	ND (0.0002)	-	-	-	-	-	-	-	ND (0.0002)	ND (0.0002)	-	-	-	-	-	-	-
Perfluorohexanesulfonic acid (PFHxS)	NA	ND (0.0002)	ND (0.0002)	-	-	-	-	-	-	-	ND (0.0002)	ND (0.0002)	-	-	-	-	-	-	-
Perfluorohexanoic acid (PFHxA)	NA	ND (0.0002)	ND (0.0002)	-	-	-	-	-	-	-	ND (0.0002)	ND (0.0002)	-	-	-	-	-	-	-
Perfluorononane sulfonic acid (PFNS)	NA	ND (0.0002)	ND (0.0002)	-	-	-	-	-	-	-	ND (0.0002)	ND (0.0002)	-	-	-	-	-	-	-
Perfluorononanoic acid (PFNA)	NA	ND (0.0002)	ND (0.00018)	-	-	-	-	-	-	-	0.00014 J	ND (0.0002)	-	-	-	-	-	-	-
Perfluorooctane sulfonamide (PFOSA)	NA	ND (0.0002)	ND (0.0002)	-	-	-	-	-	-	-	ND (0.0002)	ND (0.0002)	-	-	-	-	-	-	-
Perfluorooctanesulfonic acid (PFOS)	0.44	ND (0.0002)	ND (0.0002)	-	-	-	-	-	-	-	ND (0.0002)	ND (0.0002)	-	-	-	-	-	-	-
Perfluorooctanoic acid (PFOA)	0.5	0.00017	0.00015 J	-	-	-	-	-	-	-	0.00014 J	0.00019 J	-	-	-	-	-	-	-
Perfluoropentanesulfonic acid (PFPeS)	NA	ND (0.0002)	ND (0.0002)	-	-	-	-	-	-	-	ND (0.0002)	ND (0.0002)	-	-	-	-	-	-	-
Perfluoropentanoic acid (PFPeA)	NA	ND (0.0002)	ND (0.0002)	-	-	-	-	-	-	-	ND (0.0002)	ND (0.0002)	-	-	-	-	-	-	-
Perfluorotetradecanoic acid (PFTeDA)	NA	ND (0.0002)	ND (0.0002)	-	-	-	-	-	-	-	ND (0.0002)	ND (0.0002)	-	-	-	-	-	-	-
Perfluorotridecanoic acid (PFTrDA)	NA	ND (0.0002)	ND (0.0002)	-	-	-	-	-	-	-	0.00038	ND (0.0002)	-	-	-	-	-	-	-
Perfluoroundecanoic acid (PFUnDA)	NA	0.00017 J	0.00015 J	-	-	-	-	-	-	-	0.00042	0.00032	-	-	-	-	-	-	-
Pesticides (mg/kg)																			
4,4'-DDD	92	ND (0.0074)	ND (0.0073)	-	-	-	-	-	-	-	ND (0.0075)	ND (0.007)	-	-	-	-	-	-	-
4,4'-DDE	62	ND (0.0074)	ND (0.0073)	-	-	-	-	-	-	-	ND (0.0075)	ND (0.007)	-	-	-	-	-	-	-
4,4'-DDT	47	ND (0.0074)	ND (0.0073)	-	-	-	-	-	-	-	ND (0.0075)	ND (0.007)	-	-	-	-	-	-	-
Aldrin	0.68	ND (0.0074)	ND (0.0073)	-	-	-	-	-	-	-	ND (0.0075)	ND (0.007)	-	-	-	-	-	-	-
alpha-BHC	3.4	ND (0.0022)	ND (0.0022)	-	-	-	-	-	-	-	ND (0.0022)	ND (0.0021)	-	-	-	-	-	-	-
alpha-Chlordane (cis)	24	ND (0.0074)	ND (0.0073)	-	-	-	-	-	-	-	ND (0.0075)	ND (0.007)	-	-	-	-	-	-	-
beta-BHC	3	ND (0.0022)	ND (0.0022)	-	-	-	-	-	-	-	ND (0.0022)	ND (0.0021)	-	-	-	-	-	-	-
Chlordane	NA	ND (0.074)	ND (0.073)	-	-	-	-	-	-	-	ND (0.075)	ND (0.07)	-	-	-	-	-	-	-
delta-BHC	500	ND (0.0022)	ND (0.0022)	-	-	-	-	-	-	-	ND (0.0022)	ND (0.0021)	-	-	-	-	-	-	-
Dieldrin	1.4	ND (0.0022)	ND (0.0022)	-	-	-	-	-	-	-	ND (0.0022)	ND (0.0021)	-	-	-	-	-	-	-
Endosulfan I	200	ND (0.0074)	ND (0.0073)	-	-	-	-	-	-	-	ND (0.0075)	ND (0.007)	-	-	-	-	-	-	-
Endosulfan II	200	ND (0.0074)	ND (0.0073)	-	-	-	-	-	-	-	ND (0.0075)	ND (0.007)	-	-	-	-	-	-	-
Endosulfan sulfate	200	ND (0.0074)	ND (0.0073)	-	-	-	-	-	-	-	ND (0.0075)	ND (0.007)	-	-	-	-	-	-	-
Endrin	89	ND (0.0074)	ND (0.0073)	-	-	-	-	-	-	-	ND (0.0075)	ND (0.007)	-	-	-	-	-	-	-
Endrin aldehyde	NA	ND (0.0074)	ND (0.0073)	-	-	-	-	-	-	-	ND (0.0075)	ND (0.007)	-	-	-	-	-	-	-
Endrin ketone	NA	ND (0.0074)	ND (0.0073)	-	-	-	-	-	-	-	ND (0.0075)	ND (0.007)	-	-	-	-	-	-	-
gamma-BHC (Lindane)	9.2	ND (0.0022)	ND (0.0022)	-	-	-	-	-	-	-	ND (0.0022)	ND (0.0021)	-	-	-	-	-	-	-
Heptachlor	15	ND (0.0074)	ND (0.0073)	-	-	-	-	-	-	-	ND (0.0075)	ND (0.007)	-	-	-	-	-	-	-
Heptachlor epoxide	NA	ND (0.0074)	ND (0.0073)	-	-	-	-	-	-	-	ND (0.0075)	ND (0.007)	-	-	-	-	-	-	-
Methoxychlor	NA	ND (0.0074)	ND (0.0073)	-	-	-	-	-	-	-	ND (0.0075)	ND (0.007)	-	-	-	-	-	-	-
Toxaphene	NA	ND (0.074)	ND (0.073)	-	-	-	-	-	-	-	ND (0.075)	ND (0.07)	-	-	-	-	-	-	-

TABLE 21
SUMMARY OF SOIL QUALITY DATA - BERM 56
FORMER PORT MOBIL TERMINAL
STATEN ISLAND, NEW YORK
FILE NO. 0208998

Location Name	Criteria	56A	56A	56A1	56A1	56A1	56A2	56A2	56A3	56A3	56B	56B	56B1	56B1	56B1	56B2	56B2	56B3	56B3
Sample Name	NY Part 375	56A_0-3	56A_3-6	56A1_1-2	56A1_3-4	56A1_5-6	56A2_2-3	56A2_4-5	56A3_2-3	56A3_4-5	56B_0-3	56B_3-6	56B1_1-2	56B1_3-4	56B1_5-6	56B2_2-3	56B2_4-5	56B3_3-4	56B3_5-6
Sample Date	Commercial	09/30/2025	09/30/2025	09/30/2025	09/30/2025	09/30/2025	09/30/2025	09/30/2025	09/30/2025	09/30/2025	09/30/2025	09/30/2025	09/30/2025	09/30/2025	09/30/2025	09/30/2025	09/30/2025	09/30/2025	09/30/2025
Lab Sample ID	Use	460-336081-7	460-336081-8	460-336081-36	460-336081-39	460-336081-42	460-336081-37	460-336081-40	460-336081-38	460-336081-41	460-336081-9	460-336081-10	460-336081-43	460-336081-46	460-336081-49	460-336081-44	460-336081-47	460-336081-45	460-336081-48
Sample Depth (bgs)	Soil Cleanup Objectives	0 (ft)	3 (ft)	1 (ft)	3 (ft)	5 (ft)	2 (ft)	4 (ft)	2 (ft)	4 (ft)	0 (ft)	3 (ft)	1 (ft)	3 (ft)	5 (ft)	2 (ft)	4 (ft)	3 (ft)	5 (ft)
Polychlorinated Biphenyls (mg/kg)																			
Aroclor-1016 (PCB-1016)	NA	ND (0.074)	ND (0.073)	-	-	-	-	-	-	-	ND (0.075)	ND (0.07)	-	-	-	-	-	-	-
Aroclor-1221 (PCB-1221)	NA	ND (0.074)	ND (0.073)	-	-	-	-	-	-	-	ND (0.075)	ND (0.07)	-	-	-	-	-	-	-
Aroclor-1232 (PCB-1232)	NA	ND (0.074)	ND (0.073)	-	-	-	-	-	-	-	ND (0.075)	ND (0.07)	-	-	-	-	-	-	-
Aroclor-1242 (PCB-1242)	NA	ND (0.074)	ND (0.073)	-	-	-	-	-	-	-	ND (0.075)	ND (0.07)	-	-	-	-	-	-	-
Aroclor-1248 (PCB-1248)	NA	ND (0.074)	ND (0.073)	-	-	-	-	-	-	-	ND (0.075)	ND (0.07)	-	-	-	-	-	-	-
Aroclor-1254 (PCB-1254)	NA	ND (0.074)	ND (0.073)	-	-	-	-	-	-	-	ND (0.075)	ND (0.07)	-	-	-	-	-	-	-
Aroclor-1260 (PCB-1260)	NA	ND (0.074)	ND (0.073)	-	-	-	-	-	-	-	ND (0.075)	ND (0.07)	-	-	-	-	-	-	-
Aroclor-1262 (PCB-1262)	NA	ND (0.074)	ND (0.073)	-	-	-	-	-	-	-	ND (0.075)	ND (0.07)	-	-	-	-	-	-	-
Aroclor-1268 (PCB-1268)	NA	ND (0.074)	ND (0.073)	-	-	-	-	-	-	-	ND (0.075)	ND (0.07)	-	-	-	-	-	-	-
Total PCBs	1	ND (0.074)	ND (0.073)	-	-	-	-	-	-	-	ND (0.075)	ND (0.07)	-	-	-	-	-	-	-
Inorganic Compounds (mg/kg)																			
Aluminum	NA	3710	4580	-	-	-	-	-	-	-	10200	4490	-	-	-	-	-	-	-
Antimony	NA	0.35 J	0.65 J	-	-	-	-	-	-	-	0.15 J	0.28 J	-	-	-	-	-	-	-
Arsenic	16	6	7.7	-	-	-	-	-	-	-	7	7	-	-	-	-	-	-	-
Barium	400	22.3	28.3	-	-	-	-	-	-	-	47.1	19.9	-	-	-	-	-	-	-
Beryllium	590	0.27 J	0.36 J	-	-	-	-	-	-	-	0.69	0.41	-	-	-	-	-	-	-
Cadmium	9.3	ND (1)	ND (0.99)	-	-	-	-	-	-	-	ND (1)	ND (0.93)	-	-	-	-	-	-	-
Calcium	NA	730	597	-	-	-	-	-	-	-	682	219	-	-	-	-	-	-	-
Chromium	NA	8.9	12.4	-	-	-	-	-	-	-	108	16.9	-	-	-	-	-	-	-
Cobalt	NA	2.8	4.4	-	-	-	-	-	-	-	47.5	8.6	-	-	-	-	-	-	-
Copper	270	14.9	35.6	-	-	-	-	-	-	-	20.9	21.6	-	-	-	-	-	-	-
Iron	NA	11600	12800	-	-	-	-	-	-	-	29300	18200	-	-	-	-	-	-	-
Lead	1000	13.5	70.8	-	-	-	-	-	-	-	20	14.7	-	-	-	-	-	-	-
Magnesium	NA	782	749	-	-	-	-	-	-	-	3130	1040	-	-	-	-	-	-	-
Manganese	10000	72.6	72.7	-	-	-	-	-	-	-	487	175	-	-	-	-	-	-	-
Mercury	2.8	0.02	0.028	-	-	-	-	-	-	-	0.017 J	0.013 J	-	-	-	-	-	-	-
Nickel	310	3.7	12	-	-	-	-	-	-	-	348	25.1	-	-	-	-	-	-	-
Potassium	NA	418	488	-	-	-	-	-	-	-	891	955	-	-	-	-	-	-	-
Selenium	1500	0.32 J	0.51 J	-	-	-	-	-	-	-	0.28 J	0.24 J	-	-	-	-	-	-	-
Silver	1500	ND (0.4)	0.16 J	-	-	-	-	-	-	-	ND (0.41)	ND (0.37)	-	-	-	-	-	-	-
Sodium	NA	ND (101)	55.2 J	-	-	-	-	-	-	-	61.4 J	ND (93.3)	-	-	-	-	-	-	-
Thallium	NA	0.059 J	0.068 J	-	-	-	-	-	-	-	0.11 J	0.05 J	-	-	-	-	-	-	-
Vanadium	NA	17.3	23.8	-	-	-	-	-	-	-	26	19.7	-	-	-	-	-	-	-
Zinc	10000	17.6	53.5	-	-	-	-	-	-	-	48.7	30.5	-	-	-	-	-	-	-

ABBREVIATIONS AND NOTES:

mg/kg: milligram per kilogram

**: LCS or LCSD is outside acceptance limits.*
-: Not Analyzed
B: Compound was found in the blank and the associated sample.
bgs: below ground surface
ft: feet
J: Value is estimated.
NA: Not Applicable
ND (2.5): Not detected, number in parentheses is the laboratory reporting limit

- For test methods used, see the laboratory data sheets.
- Soil analytical results are compared to the New York State Department of Environmental Conservation (NYSDEC) Title 6 of the Official Compilation of New York Codes, Rules, and Regulations (NYCRR) Part 375 Commercial Use Soil Cleanup Objectives (SCO).
- Grey shading indicates an exceedance of the Commercial Use Soil Cleanup Objectives.

TABLE 21
SUMMARY OF SOIL QUALITY DATA - BERM 56
FORMER PORT MOBIL TERMINAL
STATEN ISLAND, NEW YORK
FILE NO. 0208998

	Criteria																		
Location Name	NY Part 375	56C	56C	56C1	56C1	56C2	56C2	56C2	56C3	56C3	56D	56D	56D1	56D1	56D1	56D2	56D2	56D3	56D3
Sample Name	Commercial	56C_0-3	56C_3-6	56C1_1-2	56C1_3-4	56C2_2-3	56C2_4-5	56C2_5-6	56C3_3-4	56C3_5-6	56D_0-3	56D_3-6	56D1_1-2	56D1_3-4	56D1_5-6	56D2_1-2	56D2_4-5	56D3_2-3	56D3_4-5
Sample Date	Use	09/30/2025	09/30/2025	09/30/2025	09/30/2025	09/30/2025	09/30/2025	09/30/2025	09/30/2025	09/30/2025	09/30/2025	09/30/2025	09/30/2025	09/30/2025	09/30/2025	09/30/2025	09/30/2025	09/30/2025	09/30/2025
Lab Sample ID	Soil Cleanup	460-336081-11	460-336081-12	460-336081-50	460-336081-53	460-336081-51	460-336081-54	460-336081-56	460-336081-52	460-336081-55	460-336081-13	460-336081-14	460-336081-57	460-336081-60	460-336081-63	460-336081-58	460-336081-61	460-336081-59	460-336081-62
Sample Depth (bgs)	Objectives	0 (ft)	3 (ft)	1 (ft)	3 (ft)	2 (ft)	4 (ft)	5 (ft)	3 (ft)	5 (ft)	0 (ft)	3 (ft)	1 (ft)	3 (ft)	5 (ft)	1 (ft)	4 (ft)	2 (ft)	4 (ft)
Volatile Organic Compounds (mg/kg)																			
1,1,1-Trichloroethane	500	-	-	ND (0.0013)	ND (0.0012)	ND (0.0012)	ND (0.00078)	ND (0.0012)	ND (0.001)	ND (0.001)	-	-	ND (0.00083)	ND (0.0012)	ND (0.00074)	ND (0.0015)	ND (0.0012)	ND (0.0012)	ND (0.0012)
1,1,2,2-Tetrachloroethane	NA	-	-	ND (0.0013)	ND (0.0012)	ND (0.0012)	ND (0.00078)	ND (0.0012)	ND (0.001)	ND (0.001)	-	-	ND (0.00083)	ND (0.0012)	ND (0.00074)	ND (0.0015)	ND (0.0012)	ND (0.0012)	ND (0.0012)
1,1,2-Trichloroethane	NA	-	-	ND (0.0013)	ND (0.0012)	ND (0.0012)	ND (0.00078)	ND (0.0012)	ND (0.001)	ND (0.001)	-	-	ND (0.00083)	ND (0.0012)	ND (0.00074)	ND (0.0015)	ND (0.0012)	ND (0.0012)	ND (0.0012)
1,1-Dichloroethane	240	-	-	ND (0.0013)	ND (0.0012)	ND (0.0012)	ND (0.00078)	ND (0.0012)	ND (0.001)	ND (0.001)	-	-	ND (0.00083)	ND (0.0012)	ND (0.00074)	ND (0.0015)	ND (0.0012)	ND (0.0012)	ND (0.0012)
1,1-Dichloroethene	500	-	-	ND (0.0013)	ND (0.0012)	ND (0.0012)	ND (0.00078)	ND (0.0012)	ND (0.001)	ND (0.001)	-	-	ND (0.00083)	ND (0.0012)	ND (0.00074)	ND (0.0015)	ND (0.0012)	ND (0.0012)	ND (0.0012)
1,2,3-Trichlorobenzene	NA	-	-	ND (0.0013)	ND (0.0012)	ND (0.0012)	ND (0.00078)	ND (0.0012)	ND (0.001)	ND (0.001)	-	-	ND (0.00083)	ND (0.0012)	ND (0.00074)	ND (0.0015)	ND (0.0012)	ND (0.0012)	ND (0.0012)
1,2,4-Trichlorobenzene	NA	-	-	ND (0.0013)	ND (0.0012)	ND (0.0012)	ND (0.00078)	ND (0.0012)	ND (0.001)	ND (0.001)	-	-	ND (0.00083)	ND (0.0012)	ND (0.00074)	ND (0.0015)	ND (0.0012)	ND (0.0012)	ND (0.0012)
1,2,4-Trimethylbenzene	190	-	-	ND (0.0013)	ND (0.0012)	ND (0.0012)	ND (0.00078)	ND (0.0012)	ND (0.001)	ND (0.001)	-	-	ND (0.00083)	ND (0.0012)	ND (0.00074)	ND (0.0015)	ND (0.0012)	ND (0.0012)	ND (0.0012)
1,2-Dibromo-3-chloropropane (DBCP)	NA	-	-	ND (0.0013)	ND (0.0012)	ND (0.0012)	ND (0.00078)	ND (0.0012)	ND (0.001)	ND (0.001)	-	-	ND (0.00083)	ND (0.0012)	ND (0.00074)	ND (0.0015)	ND (0.0012)	ND (0.0012)	ND (0.0012)
1,2-Dibromoethane (Ethylene Dibromide)	NA	-	-	ND (0.0013)	ND (0.0012)	ND (0.0012)	ND (0.00078)	ND (0.0012)	ND (0.001)	ND (0.001)	-	-	ND (0.00083)	ND (0.0012)	ND (0.00074)	ND (0.0015)	ND (0.0012)	ND (0.0012)	ND (0.0012)
1,2-Dichlorobenzene	500	-	-	ND (0.0013)	ND (0.0012)	ND (0.0012)	ND (0.00078)	ND (0.0012)	ND (0.001)	ND (0.001)	-	-	ND (0.00083)	ND (0.0012)	ND (0.00074)	ND (0.0015)	ND (0.0012)	ND (0.0012)	ND (0.0012)
1,2-Dichloroethane	30	-	-	ND (0.0013)	ND (0.0012)	ND (0.0012)	ND (0.00078)	ND (0.0012)	ND (0.001)	ND (0.001)	-	-	ND (0.00083)	ND (0.0012)	ND (0.00074)	ND (0.0015)	ND (0.0012)	ND (0.0012)	ND (0.0012)
1,2-Dichloropropane	NA	-	-	ND (0.0013)	ND (0.0012)	ND (0.0012)	ND (0.00078)	ND (0.0012)	ND (0.001)	ND (0.001)	-	-	ND (0.00083)	ND (0.0012)	ND (0.00074)	ND (0.0015)	ND (0.0012)	ND (0.0012)	ND (0.0012)
1,3,5-Trimethylbenzene	190	-	-	ND (0.0013)	ND (0.0012)	ND (0.0012)	ND (0.00078)	ND (0.0012)	ND (0.001)	ND (0.001)	-	-	ND (0.00083)	ND (0.0012)	ND (0.00074)	ND (0.0015)	ND (0.0012)	ND (0.0012)	ND (0.0012)
1,3-Dichlorobenzene	280	-	-	ND (0.0013)	ND (0.0012)	ND (0.0012)	ND (0.00078)	ND (0.0012)	ND (0.001)	ND (0.001)	-	-	ND (0.00083)	ND (0.0012)	ND (0.00074)	ND (0.0015)	ND (0.0012)	ND (0.0012)	ND (0.0012)
1,4-Dichlorobenzene	130	-	-	ND (0.0013)	ND (0.0012)	ND (0.0012)	ND (0.00078)	ND (0.0012)	ND (0.001)	ND (0.001)	-	-	ND (0.00083)	ND (0.0012)	ND (0.00074)	ND (0.0015)	ND (0.0012)	ND (0.0012)	ND (0.0012)
2-Butanone (Methyl Ethyl Ketone)	500	-	-	ND (0.0065)	ND (0.0062)	ND (0.0058)	ND (0.0039)	ND (0.0061)	ND (0.005)	ND (0.0052)	-	-	ND (0.0042)	ND (0.0059)	ND (0.0037)	ND (0.0075)	ND (0.0061)	ND (0.0059)	ND (0.0061)
2-Hexanone (Methyl Butyl Ketone)	NA	-	-	ND (0.0065)	ND (0.0062)	ND (0.0058)	ND (0.0039)	ND (0.0061)	ND (0.005)	ND (0.0052)	-	-	ND (0.0042)	ND (0.0059)	ND (0.0037)	ND (0.0075)	ND (0.0061)	ND (0.0059)	ND (0.0061)
2-Phenylbutane (sec-Butylbenzene)	500	-	-	ND (0.0013)	ND (0.0012)	ND (0.0012)	ND (0.00078)	ND (0.0012)	ND (0.001)	ND (0.001)	-	-	ND (0.00083)	ND (0.0012)	ND (0.00074)	ND (0.0015)	ND (0.0012)	ND (0.0012)	ND (0.0012)
4-Methyl-2-Pentanone (Methyl Isobutyl Ketone)	NA	-	-	ND (0.0065)	ND (0.0062)	ND (0.0058)	ND (0.0039)	ND (0.0061)	ND (0.005)	ND (0.0052)	-	-	ND (0.0042)	ND (0.0059)	ND (0.0037)	ND (0.0075)	ND (0.0061)	ND (0.0059)	ND (0.0061)
Acetone	500	-	-	ND (0.0078)	ND (0.0074)	ND (0.007)	ND (0.0047)	ND (0.0073)	ND (0.0061)	ND (0.0063)	-	-	ND (0.005)	ND (0.0071)	ND (0.0044)	ND (0.009)	ND (0.0073)	ND (0.007)	ND (0.0073)
Benzene	44	-	-	ND (0.0013)	ND (0.0012)	ND (0.0012)	ND (0.00078)	ND (0.0012)	ND (0.001)	ND (0.001)	-	-	ND (0.00083)	ND (0.0012)	ND (0.00074)	ND (0.0015)	ND (0.0012)	ND (0.0012)	ND (0.0012)
Bromodichloromethane	NA	-	-	ND (0.0013)	ND (0.0012)	ND (0.0012)	ND (0.00078)	ND (0.0012)	ND (0.001)	ND (0.001)	-	-	ND (0.00083)	ND (0.0012)	ND (0.00074)	ND (0.0015)	ND (0.0012)	ND (0.0012)	ND (0.0012)
Bromoform	NA	-	-	ND (0.0013)	ND (0.0012)	ND (0.0012)	ND (0.00078)	ND (0.0012)	ND (0.001)	ND (0.001)	-	-	ND (0.00083)	ND (0.0012)	ND (0.00074)	ND (0.0015)	ND (0.0012)	ND (0.0012)	ND (0.0012)
Bromomethane (Methyl Bromide)	NA	-	-	ND (0.0026)	ND (0.0025)	ND (0.0023)	ND (0.0016)	ND (0.0024)	ND (0.002)	ND (0.0021)	-	-	ND (0.0017)	ND (0.0024)	ND (0.0015)	ND (0.003)	ND (0.0024)	ND (0.0023)	ND (0.0024)
Carbon disulfide	NA	-	-	ND (0.0013)	ND (0.0012)	ND (0.0012)	ND (0.00078)	ND (0.0012)	ND (0.001)	ND (0.001)	-	-	ND (0.00083)	ND (0.0012)	ND (0.00074)	ND (0.0015)	ND (0.0012)	ND (0.0012)	ND (0.0012)
Carbon tetrachloride	22	-	-	ND (0.0013)	ND (0.0012)	ND (0.0012)	ND (0.00078)	ND (0.0012)	ND (0.001)	ND (0.001)	-	-	ND (0.00083)	ND (0.0012)	ND (0.00074)	ND (0.0015)	ND (0.0012)	ND (0.0012)	ND (0.0012)
Chlorobenzene	500	-	-	ND (0.0013)	ND (0.0012)	ND (0.0012)	ND (0.00078)	ND (0.0012)	ND (0.001)	ND (0.001)	-	-	ND (0.00083)	ND (0.0012)	ND (0.00074)	ND (0.0015)	ND (0.0012)	ND (0.0012)	ND (0.0012)
Chlorobromomethane	NA	-	-	ND (0.0013)	ND (0.0012)	ND (0.0012)	ND (0.00078)	ND (0.0012)	ND (0.001)	ND (0.001)	-	-	ND (0.00083)	ND (0.0012)	ND (0.00074)	ND (0.0015)	ND (0.0012)	ND (0.0012)	ND (0.0012)
Chloroethane	NA	-	-	ND (0.0013)	ND (0.0012)	ND (0.0012)	ND (0.00078)	ND (0.0012)	ND (0.001)	ND (0.001)	-	-	ND (0.00083)	ND (0.0012)	ND (0.00074)	ND (0.0015)	ND (0.0012)	ND (0.0012)	ND (0.0012)
Chloroform (Trichloromethane)	350	-	-	ND (0.0013)	ND (0.0012)	ND (0.0012)	ND (0.00078)	ND (0.0012)	ND (0.001)	ND (0.001)	-	-	ND (0.00083)	ND (0.0012)	ND (0.00074)	ND (0.0015)	ND (0.0012)	ND (0.0012)	ND (0.0012)
Chloromethane (Methyl Chloride)	NA	-	-	ND (0.0013)	ND (0.0012)	ND (0.0012)	ND (0.00078)	ND (0.0012)	ND (0.001)	ND (0.001)	-	-	ND (0.00083)	ND (0.0012)	ND (0.00074)	ND (0.0015)	ND (0.0012)	ND (0.0012)	ND (0.0012)
cis-1,2-Dichloroethene	500	-	-	ND (0.0013)	ND (0.0012)	ND (0.0012)	ND (0.00078)	ND (0.0012)	ND (0.001)	ND (0.001)	-	-	ND (0.00083)	ND (0.0012)	ND (0.00074)	ND (0.0015)	ND (0.0012)	ND (0.0012)	ND (0.0012)
cis-1,3-Dichloropropene	NA	-	-	ND (0.0013)	ND (0.0012)	ND (0.0012)	ND (0.00078)	ND (0.0012)	ND (0.001)	ND (0.001)	-	-	ND (0.00083)	ND (0.0012)	ND (0.00074)	ND (0.0015)	ND (0.0012)	ND (0.0012)	ND (0.0012)
Cyclohexane	NA	-	-	ND (0.0013)	ND (0.0012)	ND (0.0012)	ND (0.00078)	ND (0.0012)	ND (0.001)	ND (0.001)	-	-	ND (0.00083)	ND (0.0012)	ND (0.00074)	ND (0.0015)	ND (0.0012)	ND (0.0012)	ND (0.0012)
Dibromochloromethane	NA	-	-	ND (0.0013)	ND (0.0012)	ND (0.0012)	ND (0.00078)	ND (0.0012)	ND (0.001)	ND (0.001)	-	-	ND (0.00083)	ND (0.0012)	ND (0.00074)	ND (0.0015)	ND (0.0012)	ND (0.0012)	ND (0.0012)
Dichlorodifluoromethane (CFC-12)	NA	-	-	ND (0.0013)	ND (0.0012)	ND (0.0012)	ND (0.00078)	ND (0.0012)	ND (0.001)	ND (0.001)	-	-	ND (0.00083)	ND (0.0012)	ND (0.00074)	ND (0.0015)	ND (0.0012)	ND (0.0012)	ND (0.0012)
Ethylbenzene	390	-	-	ND (0.0013)	ND (0.0012)	ND (0.0012)	ND (0.00078)	ND (0.0012)	ND (0.001)	ND (0.001)	-	-	ND (0.00083)	ND (0.0012)	ND (0.00074)	ND (0.0015)	ND (0.0012)	ND (0.0012)	ND (0.0012)
Isopropylbenzene (Cumene)	NA	-	-	ND (0.0013)	ND (0.0012)	ND (0.0012)	ND (0.00078)	ND (0.0012)	ND (0.001)	ND (0.001)	-	-	ND (0.00083)	ND (0.0012)	ND (0.00074)	ND (0.0015)	ND (0.0012)	ND (0.0012)	ND (0.0012)
m,p-Xylenes	NA	-	-	ND (0.0013)	ND (0.0012)	ND (0.0012)	ND (0.00078)	ND (0.0012)	ND (0.001)	ND (0.001)	-	-	ND (0.00083)	ND (0.0012)	ND (0.00074)	ND (0.0015)	ND (0.0012)	ND (0.0012)	ND (0.0012)
Methyl acetate	NA	-	-	ND (0.0065)	ND (0.0062) *	ND (0.0058)	ND (0.0039) *	ND (0.0061) *	ND (0.005)	ND (0.0052) *	-	-	ND (0.0042) *	ND (0.0059) *	ND (0.0037)	ND (0.0075) *	ND (0.0061) *	ND (0.0059) *	ND (0.0061) *
Methyl Tert Butyl Ether (MTBE)	500	-	-	ND (0.0013)	ND (0.0012)	ND (0.0012)	ND (0.00078)	ND (0.0012)	ND (0.001)	ND (0.001)	-	-	ND (0.00083)	ND (0.0012)	ND (0.00074)	ND (0.0015)	ND (0.0012)	ND (0.0012)	ND (0.0012)
Methylcyclohexane	NA	-	-	ND (0.0013)	ND (0.0012)	ND (0.0012)	ND (0.00078)	ND (0.0012)	ND (0.001)	ND (0.001)	-	-	ND (0.00083)	ND (0.0012)	ND (0.00074)	ND (0.0015)	ND (0.0012)	ND (0.0012)	ND (0.0012)
Methylene chloride (Dichloromethane)	500	-	-	0.0055	0.0059	0.0048	0.0012 J	0.0028	0.0036	0.0041	-	-	0.0025	0.0061	0.0024	0.0032	0.0023 J	0.0046	0.0042
n-Butylbenzene	500	-	-	ND (0.0013)	ND (0.0012)	ND (0.0012)	ND (0.00078)	ND (0.0012)	ND (0.001)	ND (0.001)	-	-	ND (0.00083)	ND (0.0012)	ND (0.00074)	ND (0.0015)	ND (0.0012)	ND (0.0012)	ND (0.0012)
n-Propylbenzene	500	-	-	ND (0.0013)	ND (0.0012)	ND (0.0012)	ND (0.00078)	ND (0.0012)	ND (0.001)	ND (0.001)	-	-	ND (0.00083)	ND (0.0012)	ND (0.00074)	ND (0.0015)	ND (0.0012)	ND (0.0012)	ND (0.0012)
o-Xylene	NA	-	-	ND (0.0013)	ND (0.0012)	ND (0.0012)	ND (0.00078)	ND (0.0012)	ND (0.001)	ND (0.001)	-	-	ND (0.00083)	ND (0.0012)	ND (0.00074)	ND (0.0015)	ND (0.0012)	ND (0.0012)	ND (0.0012)
Styrene	NA	-	-	ND (0.0013)	ND (0.0012)	ND (0.0012)	ND (0.00078)	ND (0.0012)	ND (0.001)	ND (0.001)	-	-	ND (0.00083)	ND (0.0012)	ND (0.00074)	ND (0.0015)	ND (0.0012)	ND (0.0012)	ND (0.0012)
tert-Butylbenzene	500	-	-	ND (0.0013)	ND (0.0012)	ND (0.0012)	ND (0.00078)	ND (0.0012)	ND (0.001)	ND (0.001)	-	-	ND (0.00083)	ND (0.0012)	ND (0.00074)	ND (0.0015)	ND (0.0012)	ND (0.0012)	ND (0.0012)
Tetrachloroethene	150	-	-	ND (0.0013)	ND (0.0012)	ND (0.0012)	ND (0.00078)	ND (0.0012)	ND (0.001)	ND (0.001)	-	-	ND (0.00083)	ND (0.0012)	ND (0.00074)	ND (0.0015)	ND (0.0012)	ND (0.0012)	ND (0.0012)
Toluene	500	-	-	ND (0.0013)	ND (0.0012)	ND (0.0012)	ND (0.00078)	ND (0.0012)	ND (0.001)	ND (0.001)	-	-	ND (0.00083)	ND (0.0012)	ND (0.00074)	ND (0.0015)	ND (0.0012)	ND (0.0012)	ND (0.0012)
trans-1,2-Dichloroethene	500	-	-	ND (0.0013)	ND (0.0012)	ND (0.0012)	ND (0.00078)	ND (0.0012)	ND (0.001)	ND (0.001)	-	-	ND (0.00083)	ND (0.0012)	ND (0.00074)	ND (0.0015)	ND (0.0012)	ND (0.0012)	ND (0.0012)
trans-1,3-Dichloropropene	NA	-	-	ND (0.0013)	ND (0.0012)	ND (0.0012)	ND (0.00078)	ND (0.0012)	ND (0.001)	ND (0.001)	-	-	ND (0.00083)	ND (0.0012)	ND (0.00074)	ND (0.0015)	ND (0.0012)	ND (0.0012)	ND (0.0012)
Trichloroethene	200	-	-	ND (0.0013)	ND (0.0012)	ND (0.0012)	ND (0.00078)	ND (0.0012)	ND (0.001)	ND (0.001)	-	-	ND (0.00083)	ND (0.0012)	ND (0.00074)	ND (0.0015)	ND (0.0012)	ND (0.0012)	ND (0.0012)
Trichlorofluoromethane (CFC-11)	NA	-	-	ND (0.0013)	ND (0.0012)	ND (0.0012)	ND (0.00078)	ND (0.0012)	ND (0.001)	ND (0.001)	-	-	ND (0.00083)	ND (0.0012)	ND (0.00074)	ND (0.0015)	ND (0.0012)	ND (0.0012)	ND (0.0012)
Trifluorotrichloroethane (Freon 113)	NA	-	-	ND (0.0013)	ND (0.0012)	ND (0.0012)	ND (0.00078)	ND (0.0012)	ND (0.001)	ND (0.001)	-	-	ND (0.00083)	ND (0.0012)	ND (0.00074)	ND (0.0015)	ND (0.0012)	ND (0.0012)	ND (0.0012)
Vinyl chloride	13	-	-	ND (0.0013)	ND (0.0012) *	ND (0.0012)	ND (0.00078) *	ND (0.0012) *	ND (0.001)	ND (0.001) *	-	-	ND (0.00083) *	ND (0.0012) *	ND (0.00074)	ND (0.0015) *	ND (0.0012) *	ND (0.0012) *	ND (0.0012) *
Xylene (Total)	500	-	-	ND (0.0026)	ND (0.0025)	ND (0.0023)	ND (0.0016)	ND (0.0024)	ND (0.002)	ND (0.0021)	-	-	ND (0.0017)	ND (0.0024)	ND (0.0015)	ND (0.003)	ND (0.0024)	ND (0.0023)	ND (0.0024)

TABLE 21
SUMMARY OF SOIL QUALITY DATA - BERM 56
FORMER PORT MOBIL TERMINAL
STATEN ISLAND, NEW YORK
FILE NO. 0208998

	Criteria																		
Location Name	NY Part 375	56C	56C	56C1	56C1	56C2	56C2	56C2	56C3	56C3	56D	56D	56D1	56D1	56D1	56D2	56D2	56D3	56D3
Sample Name	Commercial	56C_0-3	56C_3-6	56C1_1-2	56C1_3-4	56C2_2-3	56C2_4-5	56C2_5-6	56C3_3-4	56C3_5-6	56D_0-3	56D_3-6	56D1_1-2	56D1_3-4	56D1_5-6	56D2_1-2	56D2_4-5	56D3_2-3	56D3_4-5
Sample Date	Use	09/30/2025	09/30/2025	09/30/2025	09/30/2025	09/30/2025	09/30/2025	09/30/2025	09/30/2025	09/30/2025	09/30/2025	09/30/2025	09/30/2025	09/30/2025	09/30/2025	09/30/2025	09/30/2025	09/30/2025	09/30/2025
Lab Sample ID	Soil Cleanup	460-336081-11	460-336081-12	460-336081-50	460-336081-53	460-336081-51	460-336081-54	460-336081-56	460-336081-52	460-336081-55	460-336081-13	460-336081-14	460-336081-57	460-336081-60	460-336081-63	460-336081-58	460-336081-61	460-336081-59	460-336081-62
Sample Depth (bgs)	Objectives	0 (ft)	3 (ft)	1 (ft)	3 (ft)	2 (ft)	4 (ft)	5 (ft)	3 (ft)	5 (ft)	0 (ft)	3 (ft)	1 (ft)	3 (ft)	5 (ft)	1 (ft)	4 (ft)	2 (ft)	4 (ft)
Semi-Volatile Organic Compounds (mg/kg)																			
1,2,4,5-Tetrachlorobenzene	NA	ND (0.36)	ND (0.35)	-	-	-	-	-	-	-	ND (0.35)	ND (0.35)	-	-	-	-	-	-	-
1,4-Dioxane	130	ND (0.036)	ND (0.035)	-	-	-	-	-	-	-	ND (0.035)	ND (0.035)	-	-	-	-	-	-	-
2,2'-oxybis(1-Chloropropane)	NA	ND (0.36)	ND (0.35)	-	-	-	-	-	-	-	ND (0.35)	ND (0.35)	-	-	-	-	-	-	-
2,3,4,6-Tetrachlorophenol	NA	ND (0.36)	ND (0.35)	-	-	-	-	-	-	-	ND (0.35)	ND (0.35)	-	-	-	-	-	-	-
2,4,5-Trichlorophenol	NA	ND (0.36)	ND (0.35)	-	-	-	-	-	-	-	ND (0.35)	ND (0.35)	-	-	-	-	-	-	-
2,4,6-Trichlorophenol	NA	ND (0.14)	ND (0.14)	-	-	-	-	-	-	-	ND (0.14)	ND (0.14)	-	-	-	-	-	-	-
2,4-Dichlorophenol	NA	ND (0.14)	ND (0.14)	-	-	-	-	-	-	-	ND (0.14)	ND (0.14)	-	-	-	-	-	-	-
2,4-Dimethylphenol	NA	ND (0.36)	ND (0.35)	-	-	-	-	-	-	-	ND (0.35)	ND (0.35)	-	-	-	-	-	-	-
2,4-Dinitrophenol	NA	ND (0.29)	ND (0.28)	-	-	-	-	-	-	-	ND (0.28)	ND (0.28)	-	-	-	-	-	-	-
2,4-Dinitrotoluene	NA	ND (0.072)	ND (0.071)	-	-	-	-	-	-	-	ND (0.07)	ND (0.071)	-	-	-	-	-	-	-
2,6-Dinitrotoluene	NA	ND (0.072)	ND (0.071)	-	-	-	-	-	-	-	ND (0.07)	ND (0.071)	-	-	-	-	-	-	-
2-Chloronaphthalene	NA	ND (0.36)	ND (0.35)	-	-	-	-	-	-	-	ND (0.35)	ND (0.35)	-	-	-	-	-	-	-
2-Chlorophenol	NA	ND (0.36)	ND (0.35)	-	-	-	-	-	-	-	ND (0.35)	ND (0.35)	-	-	-	-	-	-	-
2-Methylnaphthalene	NA	ND (0.36)	ND (0.35)	-	-	-	-	-	-	-	ND (0.35)	ND (0.35)	-	-	-	-	-	-	-
2-Methylphenol (o-Cresol)	500	ND (0.36)	ND (0.35)	-	-	-	-	-	-	-	ND (0.35)	ND (0.35)	-	-	-	-	-	-	-
2-Nitroaniline	NA	ND (0.36)	ND (0.35)	-	-	-	-	-	-	-	ND (0.35)	ND (0.35)	-	-	-	-	-	-	-
2-Nitrophenol	NA	ND (0.36)	ND (0.35)	-	-	-	-	-	-	-	ND (0.35)	ND (0.35)	-	-	-	-	-	-	-
3&4-Methylphenol	NA	ND (0.36)	ND (0.35)	-	-	-	-	-	-	-	ND (0.35)	ND (0.35)	-	-	-	-	-	-	-
3,3'-Dichlorobenzidine	NA	ND (0.14)	ND (0.14)	-	-	-	-	-	-	-	ND (0.14)	ND (0.14)	-	-	-	-	-	-	-
3-Nitroaniline	NA	ND (0.36)	ND (0.35)	-	-	-	-	-	-	-	ND (0.35)	ND (0.35)	-	-	-	-	-	-	-
4,6-Dinitro-2-methylphenol	NA	ND (0.29)	ND (0.28)	-	-	-	-	-	-	-	ND (0.28)	ND (0.28)	-	-	-	-	-	-	-
4-Bromophenyl phenyl ether (BDE-3)	NA	ND (0.36)	ND (0.35)	-	-	-	-	-	-	-	ND (0.35)	ND (0.35)	-	-	-	-	-	-	-
4-Chloro-3-methylphenol	NA	ND (0.36)	ND (0.35)	-	-	-	-	-	-	-	ND (0.35)	ND (0.35)	-	-	-	-	-	-	-
4-Chloroaniline	NA	ND (0.36)	ND (0.35)	-	-	-	-	-	-	-	ND (0.35)	ND (0.35)	-	-	-	-	-	-	-
4-Chlorophenyl phenyl ether	NA	ND (0.36)	ND (0.35)	-	-	-	-	-	-	-	ND (0.35)	ND (0.35)	-	-	-	-	-	-	-
4-Methylphenol	500	ND (0.36)	ND (0.35)	-	-	-	-	-	-	-	ND (0.35)	ND (0.35)	-	-	-	-	-	-	-
4-Nitroaniline	NA	ND (0.36)	ND (0.35)	-	-	-	-	-	-	-	ND (0.35)	ND (0.35)	-	-	-	-	-	-	-
4-Nitrophenol	NA	ND (0.72)	ND (0.71)	-	-	-	-	-	-	-	ND (0.7)	ND (0.71)	-	-	-	-	-	-	-
Acenaphthene	500	ND (0.36)	ND (0.35)	-	-	-	-	-	-	-	ND (0.35)	ND (0.35)	-	-	-	-	-	-	-
Acenaphthylene	500	ND (0.36)	ND (0.35)	-	-	-	-	-	-	-	ND (0.35)	ND (0.35)	-	-	-	-	-	-	-
Acetophenone	NA	ND (0.36)	ND (0.35)	-	-	-	-	-	-	-	ND (0.35)	ND (0.35)	-	-	-	-	-	-	-
Anthracene	500	ND (0.36)	ND (0.35)	-	-	-	-	-	-	-	ND (0.35)	ND (0.35)	-	-	-	-	-	-	-
Atrazine	NA	ND (0.14)	ND (0.14)	-	-	-	-	-	-	-	ND (0.14)	ND (0.14)	-	-	-	-	-	-	-
Benzaldehyde	NA	ND (0.36)	ND (0.35)	-	-	-	-	-	-	-	ND (0.35)	ND (0.35)	-	-	-	-	-	-	-
Benzo(a)anthracene	5.6	ND (0.036)	ND (0.035)	-	-	-	-	-	-	-	ND (0.035)	ND (0.035)	-	-	-	-	-	-	-
Benzo(a)pyrene	1	ND (0.036)	ND (0.035)	-	-	-	-	-	-	-	ND (0.035)	ND (0.035)	-	-	-	-	-	-	-
Benzo(b)fluoranthene	5.6	ND (0.036)	ND (0.035)	-	-	-	-	-	-	-	ND (0.035)	ND (0.035)	-	-	-	-	-	-	-
Benzo(g,h,i)perylene	500	ND (0.36)	ND (0.35)	-	-	-	-	-	-	-	ND (0.35)	ND (0.35)	-	-	-	-	-	-	-
Benzo(k)fluoranthene	56	ND (0.036)	ND (0.035)	-	-	-	-	-	-	-	ND (0.035)	ND (0.035)	-	-	-	-	-	-	-
Biphenyl	NA	ND (0.36)	ND (0.35)	-	-	-	-	-	-	-	ND (0.35)	ND (0.35)	-	-	-	-	-	-	-
bis(2-Chloroethoxy)methane	NA	ND (0.36)	ND (0.35)	-	-	-	-	-	-	-	ND (0.35)	ND (0.35)	-	-	-	-	-	-	-
bis(2-Chloroethyl)ether	NA	ND (0.036)	ND (0.035)	-	-	-	-	-	-	-	ND (0.035)	ND (0.035)	-	-	-	-	-	-	-
bis(2-Ethylhexyl)phthalate	NA	ND (0.36)	ND (0.35)	-	-	-	-	-	-	-	ND (0.35)	ND (0.35)	-	-	-	-	-	-	-
Butyl benzylphthalate (BBP)	NA	ND (0.36)	ND (0.35)	-	-	-	-	-	-	-	ND (0.35)	ND (0.35)	-	-	-	-	-	-	-
Caprolactam	NA	ND (0.36)	ND (0.35)	-	-	-	-	-	-	-	ND (0.35)	ND (0.35)	-	-	-	-	-	-	-
Carbazole	NA	ND (0.36)	ND (0.35)	-	-	-	-	-	-	-	ND (0.35)	ND (0.35)	-	-	-	-	-	-	-
Chrysene	56	ND (0.36)	ND (0.35)	-	-	-	-	-	-	-	ND (0.35)	ND (0.35)	-	-	-	-	-	-	-
Dibenz(a,h)anthracene	0.56	ND (0.036)	ND (0.035)	-	-	-	-	-	-	-	ND (0.035)	ND (0.035)	-	-	-	-	-	-	-
Dibenzofuran	350	ND (0.36)	ND (0.35)	-	-	-	-	-	-	-	ND (0.35)	ND (0.35)	-	-	-	-	-	-	-
Diethyl phthalate	NA	ND (0.36)	ND (0.35)	-	-	-	-	-	-	-	ND (0.35)	ND (0.35)	-	-	-	-	-	-	-
Dimethyl phthalate	NA	ND (0.36)	ND (0.35)	-	-	-	-	-	-	-	ND (0.35)	ND (0.35)	-	-	-	-	-	-	-
Di-n-butylphthalate (DBP)	NA	ND (0.36)	ND (0.35)	-	-	-	-	-	-	-	ND (0.35)	ND (0.35)	-	-	-	-	-	-	-
Di-n-octyl phthalate (DnOP)	NA	ND (0.36)	ND (0.35)	-	-	-	-	-	-	-	ND (0.35)	ND (0.35)	-	-	-	-	-	-	-
Fluoranthene	500	ND (0.36)	ND (0.35)	-	-	-	-	-	-	-	ND (0.35)	ND (0.35)	-	-	-	-	-	-	-
Fluorene	500	ND (0.36)	ND (0.35)	-	-	-	-	-	-	-	ND (0.35)	ND (0.35)	-	-	-	-	-	-	-
Hexachlorobenzene	6	ND (0.036)	ND (0.035)	-	-	-	-	-	-	-	ND (0.035)	ND (0.035)	-	-	-	-	-	-	-
Hexachlorobutadiene	NA	ND (0.072)	ND (0.071)	-	-	-	-	-	-	-	ND (0.07)	ND (0.071)	-	-	-	-	-	-	-
Hexachlorocyclopentadiene	NA	ND (0.36)	ND (0.35)	-	-	-	-	-	-	-	ND (0.35)	ND (0.35)	-	-	-	-	-	-	-
Hexachloroethane	NA	ND (0.036)	ND (0.035)	-	-	-	-	-	-	-	ND (0.035)	ND (0.035)	-	-	-	-	-	-	-
Indeno(1,2,3-cd)pyrene	5.6	ND (0.036)	ND (0.035)	-	-	-	-	-	-	-	ND (0.035)	ND (0.035)	-	-	-	-	-	-	-
Isophorone	NA	ND (0.14)	ND (0.14)	-	-	-	-	-	-	-	ND (0.14)	ND (0.14)	-	-	-	-	-	-	-
Naphthalene	500	ND (0.36)	ND (0.35)	-	-	-	-	-	-	-	ND (0.35)	ND (0.35)	-	-	-	-	-	-	-
Nitrobenzene	NA	ND (0.036)	ND (0.035)	-	-	-	-	-	-	-	ND (0.035)	ND (0.035)	-	-	-	-	-	-	-
N-Nitrosodi-n-propylamine	NA	ND (0.036)	ND (0.035)	-	-	-	-	-	-	-	ND (0.035)	ND (0.035)	-	-	-	-	-	-	-
N-Nitrosodiphenylamine	NA	ND (0.36)	ND (0.35)	-	-	-	-	-	-	-	ND (0.35)	ND (0.35)	-	-	-	-	-	-	-
Pentachlorophenol	6.7	ND (0.29)	ND (0.28)	-	-	-	-	-	-	-	ND (0.28)	ND (0.28)	-	-	-	-	-	-	-
Phenanthrene	500	ND (0.36)	ND (0.35)	-	-	-	-	-	-	-	ND (0.35)	ND (0.35)	-	-	-	-	-	-	-
Phenol	500	ND (0.36)	ND (0.35)	-	-	-	-	-	-	-	ND (0.35)	ND (0.35)	-	-	-	-	-	-	-
Pyrene	500	ND (0.36)	ND (0.35)	-	-	-	-	-	-	-	ND (0.35)	ND (0.35)	-	-	-	-	-	-	-

TABLE 21
SUMMARY OF SOIL QUALITY DATA - BERM 56
FORMER PORT MOBIL TERMINAL
STATEN ISLAND, NEW YORK
FILE NO. 0208998

	Criteria																		
Location Name	NY Part 375	56C	56C	56C1	56C1	56C2	56C2	56C2	56C3	56C3	56D	56D	56D1	56D1	56D1	56D2	56D2	56D3	56D3
Sample Name	Commercial	56C_0-3	56C_3-6	56C1_1-2	56C1_3-4	56C2_2-3	56C2_4-5	56C2_5-6	56C3_3-4	56C3_5-6	56D_0-3	56D_3-6	56D1_1-2	56D1_3-4	56D1_5-6	56D2_1-2	56D2_4-5	56D3_2-3	56D3_4-5
Sample Date	Use	09/30/2025	09/30/2025	09/30/2025	09/30/2025	09/30/2025	09/30/2025	09/30/2025	09/30/2025	09/30/2025	09/30/2025	09/30/2025	09/30/2025	09/30/2025	09/30/2025	09/30/2025	09/30/2025	09/30/2025	09/30/2025
Lab Sample ID	Soil Cleanup	460-336081-11	460-336081-12	460-336081-50	460-336081-53	460-336081-51	460-336081-54	460-336081-56	460-336081-52	460-336081-55	460-336081-13	460-336081-14	460-336081-57	460-336081-60	460-336081-63	460-336081-58	460-336081-61	460-336081-59	460-336081-62
Sample Depth (bgs)	Objectives	0 (ft)	3 (ft)	1 (ft)	3 (ft)	2 (ft)	4 (ft)	5 (ft)	3 (ft)	5 (ft)	0 (ft)	3 (ft)	1 (ft)	3 (ft)	5 (ft)	1 (ft)	4 (ft)	2 (ft)	4 (ft)
PFAS (mg/kg)																			
11-Chloroeicosafluoro-3-Oxaundecane-1-Sulfonic Acid (11Cl-PF3OUdS)	NA	ND (0.0002)	ND (0.0002)	-	-	-	-	-	-	-	ND (0.0002)	ND (0.0002)	-	-	-	-	-	-	-
2H,2H,3H,3H-Perfluorooctanoic acid (5:3 FTCA)	NA	ND (0.001)	ND (0.00099)	-	-	-	-	-	-	-	ND (0.00099)	ND (0.00099)	-	-	-	-	-	-	-
3-(Perfluoroheptyl)propanoic acid (7:3 FTCA)	NA	ND (0.001)	ND (0.00099)	-	-	-	-	-	-	-	ND (0.00099)	ND (0.00099)	-	-	-	-	-	-	-
3:3 Fluorotelomer carboxylic acid (3:3 FTCA)	NA	ND (0.0004)	ND (0.0004)	-	-	-	-	-	-	-	ND (0.0004)	ND (0.0004)	-	-	-	-	-	-	-
4,8-Dioxa-3H-Perfluorononanoic Acid (ADONA)	NA	ND (0.0002)	ND (0.0002)	-	-	-	-	-	-	-	ND (0.0002)	ND (0.0002)	-	-	-	-	-	-	-
4:2 Fluorotelomer sulfonic acid (4:2 FTS)	NA	ND (0.0004)	ND (0.0004)	-	-	-	-	-	-	-	ND (0.0004)	ND (0.0004)	-	-	-	-	-	-	-
6:2 Fluorotelomer sulfonic acid (6:2 FTS)	NA	ND (0.0004)	ND (0.0004)	-	-	-	-	-	-	-	ND (0.0004)	ND (0.0004)	-	-	-	-	-	-	-
8:2 Fluorotelomer sulfonic acid (8:2 FTS)	NA	ND (0.0004)	ND (0.0004)	-	-	-	-	-	-	-	ND (0.0004)	ND (0.0004)	-	-	-	-	-	-	-
9-Chlorohexadecafluoro-3-Oxanone-1-Sulfonic Acid (9Cl-PF3ONS)	NA	ND (0.0002)	ND (0.0002)	-	-	-	-	-	-	-	ND (0.0002)	ND (0.0002)	-	-	-	-	-	-	-
N-Ethyl Perfluorooctanesulfonamidoacetic Acid (NEtFOSAA)	NA	ND (0.0002)	ND (0.0002)	-	-	-	-	-	-	-	ND (0.0002)	ND (0.0002)	-	-	-	-	-	-	-
N-Ethylperfluorooctane sulfonamide (N-EtFOSA)	NA	ND (0.0002)	ND (0.0002)	-	-	-	-	-	-	-	ND (0.0002)	ND (0.0002)	-	-	-	-	-	-	-
N-Ethylperfluorooctane sulfonamidoethanol (N-EtFOSE)	NA	ND (0.001)	ND (0.00099)	-	-	-	-	-	-	-	ND (0.00099)	ND (0.00099)	-	-	-	-	-	-	-
N-Methyl Perfluorooctanesulfonamidoacetic Acid (NMeFOSAA)	NA	ND (0.0002)	ND (0.0002)	-	-	-	-	-	-	-	ND (0.0002)	ND (0.0002)	-	-	-	-	-	-	-
N-Methylperfluorooctane sulfonamide (N-MeFOSA)	NA	ND (0.0002)	ND (0.0002)	-	-	-	-	-	-	-	ND (0.0002)	ND (0.0002)	-	-	-	-	-	-	-
N-Methylperfluorooctane sulfonamidoethanol (N-MeFOSE)	NA	ND (0.001)	ND (0.00099)	-	-	-	-	-	-	-	ND (0.00099)	ND (0.00099)	-	-	-	-	-	-	-
Nonafluoro-3,6-dioxaheptanoic acid (NFDHA)	NA	ND (0.0002)	ND (0.0002)	-	-	-	-	-	-	-	ND (0.0002)	ND (0.0002)	-	-	-	-	-	-	-
Perfluoro(2-ethoxyethane) sulphonic acid (PFEESA)	NA	ND (0.0002)	ND (0.0002)	-	-	-	-	-	-	-	ND (0.0002)	ND (0.0002)	-	-	-	-	-	-	-
Perfluoro(4-methoxybutanoic) acid (PFMBA)	NA	ND (0.0002)	ND (0.0002)	-	-	-	-	-	-	-	ND (0.0002)	ND (0.0002)	-	-	-	-	-	-	-
Perfluoro-2-propoxypropanoic acid (PFPrOPrA)(GenX) (HFPO-DA)	NA	ND (0.0002)	ND (0.0002)	-	-	-	-	-	-	-	ND (0.0002)	ND (0.0002)	-	-	-	-	-	-	-
Perfluoro-3-methoxypropanoic acid (PFMPA)	NA	ND (0.0002)	ND (0.0002)	-	-	-	-	-	-	-	ND (0.0002)	ND (0.0002)	-	-	-	-	-	-	-
Perfluorobutanesulfonic acid (PFBS)	NA	ND (0.0002)	ND (0.0002)	-	-	-	-	-	-	-	ND (0.0002)	ND (0.0002)	-	-	-	-	-	-	-
Perfluorobutanoic acid (PFBA)	NA	ND (0.0004)	ND (0.0004)	-	-	-	-	-	-	-	ND (0.0004)	ND (0.0004)	-	-	-	-	-	-	-
Perfluorodecanesulfonic acid (PFDS)	NA	ND (0.0002)	ND (0.0002)	-	-	-	-	-	-	-	ND (0.0002)	ND (0.0002)	-	-	-	-	-	-	-
Perfluorodecanoic acid (PFDA)	NA	0.000095 J	0.00013 J	-	-	-	-	-	-	-	ND (0.0002)	ND (0.0002)	-	-	-	-	-	-	-
Perfluorododecane sulfonic acid (PFDoDS)	NA	ND (0.0002)	ND (0.0002)	-	-	-	-	-	-	-	ND (0.0002)	ND (0.0002)	-	-	-	-	-	-	-
Perfluorododecanoic acid (PFDoDA)	NA	ND (0.0002)	ND (0.0002)	-	-	-	-	-	-	-	ND (0.0002)	0.0001 J	-	-	-	-	-	-	-
Perfluoroheptanesulfonic acid (PFHpS)	NA	ND (0.0002)	ND (0.0002)	-	-	-	-	-	-	-	ND (0.0002)	ND (0.0002)	-	-	-	-	-	-	-
Perfluoroheptanoic acid (PFHpA)	NA	ND (0.0002)	ND (0.0002)	-	-	-	-	-	-	-	0.00013 J	ND (0.0002)	-	-	-	-	-	-	-
Perfluorohexanesulfonic acid (PFHxS)	NA	ND (0.0002)	ND (0.0002)	-	-	-	-	-	-	-	ND (0.0002)	ND (0.0002)	-	-	-	-	-	-	-
Perfluorohexanoic acid (PFHxA)	NA	ND (0.0002)	ND (0.0002)	-	-	-	-	-	-	-	0.00011 J	ND (0.0002)	-	-	-	-	-	-	-
Perfluorononane sulfonic acid (PFNS)	NA	ND (0.0002)	ND (0.0002)	-	-	-	-	-	-	-	ND (0.0002)	ND (0.0002)	-	-	-	-	-	-	-
Perfluorononanoic acid (PFNA)	NA	0.0002	0.0002	-	-	-	-	-	-	-	ND (0.0002)	0.00041	-	-	-	-	-	-	-
Perfluorooctane sulfonamide (PFOSA)	NA	ND (0.0002)	ND (0.0002)	-	-	-	-	-	-	-	ND (0.0002)	ND (0.0002)	-	-	-	-	-	-	-
Perfluorooctanesulfonic acid (PFOS)	0.44	ND (0.0002)	ND (0.0002)	-	-	-	-	-	-	-	ND (0.0002)	ND (0.0002)	-	-	-	-	-	-	-
Perfluorooctanoic acid (PFOA)	0.5	0.00016 J	0.00028	-	-	-	-	-	-	-	0.00064	0.00084	-	-	-	-	-	-	-
Perfluoropentanesulfonic acid (PFPeS)	NA	ND (0.0002)	ND (0.0002)	-	-	-	-	-	-	-	ND (0.0002)	ND (0.0002)	-	-	-	-	-	-	-
Perfluoropentanoic acid (PFPeA)	NA	ND (0.0002)	ND (0.0002)	-	-	-	-	-	-	-	ND (0.0002)	ND (0.0002)	-	-	-	-	-	-	-
Perfluorotetradecanoic acid (PFTeDA)	NA	ND (0.0002)	ND (0.0002)	-	-	-	-	-	-	-	ND (0.0002)	ND (0.0002)	-	-	-	-	-	-	-
Perfluorotridecanoic acid (PFTrDA)	NA	0.00011 J	0.00016 J	-	-	-	-	-	-	-	ND (0.0002)	0.00019 J	-	-	-	-	-	-	-
Perfluoroundecanoic acid (PFUnDA)	NA	0.00024	0.00031	-	-	-	-	-	-	-	0.00011 J	0.00018 J	-	-	-	-	-	-	-
Pesticides (mg/kg)																			
4,4'-DDD	92	ND (0.0073)	ND (0.0071)	-	-	-	-	-	-	-	ND (0.0071)	ND (0.0071)	-	-	-	-	-	-	-
4,4'-DDE	62	ND (0.0073)	ND (0.0071)	-	-	-	-	-	-	-	ND (0.0071)	ND (0.0071)	-	-	-	-	-	-	-
4,4'-DDT	47	ND (0.0073)	ND (0.0071)	-	-	-	-	-	-	-	ND (0.0071)	ND (0.0071)	-	-	-	-	-	-	-
Aldrin	0.68	ND (0.0073)	ND (0.0071)	-	-	-	-	-	-	-	ND (0.0071)	ND (0.0071)	-	-	-	-	-	-	-
alpha-BHC	3.4	ND (0.0022)	ND (0.0021)	-	-	-	-	-	-	-	ND (0.0021)	ND (0.0021)	-	-	-	-	-	-	-
alpha-Chlordane (cis)	24	ND (0.0073)	ND (0.0071)	-	-	-	-	-	-	-	ND (0.0071)	ND (0.0071)	-	-	-	-	-	-	-
beta-BHC	3	ND (0.0022)	ND (0.0021)	-	-	-	-	-	-	-	ND (0.0021)	ND (0.0021)	-	-	-	-	-	-	-
Chlordane	NA	ND (0.073)	ND (0.071)	-	-	-	-	-	-	-	ND (0.071)	ND (0.071)	-	-	-	-	-	-	-
delta-BHC	500	ND (0.0022)	ND (0.0021)	-	-	-	-	-	-	-	ND (0.0021)	ND (0.0021)	-	-	-	-	-	-	-
Dieldrin	1.4	ND (0.0022)	ND (0.0021)	-	-	-	-	-	-	-	ND (0.0021)	ND (0.0021)	-	-	-	-	-	-	-
Endosulfan I	200	ND (0.0073)	ND (0.0071)	-	-	-	-	-	-	-	ND (0.0071)	ND (0.0071)	-	-	-	-	-	-	-
Endosulfan II	200	ND (0.0073)	ND (0.0071)	-	-	-	-	-	-	-	ND (0.0071)	ND (0.0071)	-	-	-	-	-	-	-
Endosulfan sulfate	200	ND (0.0073)	ND (0.0071)	-	-	-	-	-	-	-	ND (0.0071)	ND (0.0071)	-	-	-	-	-	-	-
Endrin	89	ND (0.0073)	ND (0.0071)	-	-	-	-	-	-	-	ND (0.0071)	ND (0.0071)	-	-	-	-	-	-	-
Endrin aldehyde	NA	ND (0.0073)	ND (0.0071)	-	-	-	-	-	-	-	ND (0.0071)	ND (0.0071)	-	-	-	-	-	-	-
Endrin ketone	NA	ND (0.0073)	ND (0.0071)	-	-	-	-	-	-	-	ND (0.0071)	ND (0.0071)	-	-	-	-	-	-	-
gamma-BHC (Lindane)	9.2	ND (0.0022)	ND (0.0021)	-	-	-	-	-	-	-	ND (0.0021)	ND (0.0021)	-	-	-	-	-	-	-
Heptachlor	15	ND (0.0073)	ND (0.0071)	-	-	-	-	-	-	-	ND (0.0071)	ND (0.0071)	-	-	-	-	-	-	-
Heptachlor epoxide	NA	ND (0.0073)	ND (0.0071)	-	-	-	-	-	-	-	ND (0.0071)	ND (0.0071)	-	-	-	-	-	-	-
Methoxychlor	NA	ND (0.0073)	ND (0.0071)	-	-	-	-	-	-	-	ND (0.0071)	ND (0.0071)	-	-	-	-	-	-	-
Toxaphene	NA	ND (0.073)	ND (0.071)	-	-	-	-	-	-	-	ND (0.071)	ND (0.071)	-	-	-	-	-	-	-

TABLE 21
SUMMARY OF SOIL QUALITY DATA - BERM 56
FORMER PORT MOBIL TERMINAL
STATEN ISLAND, NEW YORK
FILE NO. 0208998

	Criteria																		
Location Name	NY Part 375	56C	56C	56C1	56C1	56C2	56C2	56C2	56C3	56C3	56D	56D	56D1	56D1	56D1	56D2	56D2	56D3	56D3
Sample Name	Commercial	56C_0-3	56C_3-6	56C1_1-2	56C1_3-4	56C2_2-3	56C2_4-5	56C2_5-6	56C3_3-4	56C3_5-6	56D_0-3	56D_3-6	56D1_1-2	56D1_3-4	56D1_5-6	56D2_1-2	56D2_4-5	56D3_2-3	56D3_4-5
Sample Date	Use	09/30/2025	09/30/2025	09/30/2025	09/30/2025	09/30/2025	09/30/2025	09/30/2025	09/30/2025	09/30/2025	09/30/2025	09/30/2025	09/30/2025	09/30/2025	09/30/2025	09/30/2025	09/30/2025	09/30/2025	09/30/2025
Lab Sample ID	Soil Cleanup	460-336081-11	460-336081-12	460-336081-50	460-336081-53	460-336081-51	460-336081-54	460-336081-56	460-336081-52	460-336081-55	460-336081-13	460-336081-14	460-336081-57	460-336081-60	460-336081-63	460-336081-58	460-336081-61	460-336081-59	460-336081-62
Sample Depth (bgs)	Objectives	0 (ft)	3 (ft)	1 (ft)	3 (ft)	2 (ft)	4 (ft)	5 (ft)	3 (ft)	5 (ft)	0 (ft)	3 (ft)	1 (ft)	3 (ft)	5 (ft)	1 (ft)	4 (ft)	2 (ft)	4 (ft)
Polychlorinated Biphenyls (mg/kg)																			
Aroclor-1016 (PCB-1016)	NA	ND (0.073)	ND (0.071)	-	-	-	-	-	-	-	ND (0.071)	ND (0.071)	-	-	-	-	-	-	-
Aroclor-1221 (PCB-1221)	NA	ND (0.073)	ND (0.071)	-	-	-	-	-	-	-	ND (0.071)	ND (0.071)	-	-	-	-	-	-	-
Aroclor-1232 (PCB-1232)	NA	ND (0.073)	ND (0.071)	-	-	-	-	-	-	-	ND (0.071)	ND (0.071)	-	-	-	-	-	-	-
Aroclor-1242 (PCB-1242)	NA	ND (0.073)	ND (0.071)	-	-	-	-	-	-	-	ND (0.071)	ND (0.071)	-	-	-	-	-	-	-
Aroclor-1248 (PCB-1248)	NA	ND (0.073)	ND (0.071)	-	-	-	-	-	-	-	ND (0.071)	ND (0.071)	-	-	-	-	-	-	-
Aroclor-1254 (PCB-1254)	NA	ND (0.073)	ND (0.071)	-	-	-	-	-	-	-	ND (0.071)	ND (0.071)	-	-	-	-	-	-	-
Aroclor-1260 (PCB-1260)	NA	ND (0.073)	ND (0.071)	-	-	-	-	-	-	-	ND (0.071)	ND (0.071)	-	-	-	-	-	-	-
Aroclor-1262 (PCB-1262)	NA	ND (0.073)	ND (0.071)	-	-	-	-	-	-	-	ND (0.071)	ND (0.071)	-	-	-	-	-	-	-
Aroclor-1268 (PCB-1268)	NA	ND (0.073)	ND (0.071)	-	-	-	-	-	-	-	ND (0.071)	ND (0.071)	-	-	-	-	-	-	-
Total PCBs	1	ND (0.073)	ND (0.071)	-	-	-	-	-	-	-	ND (0.071)	ND (0.071)	-	-	-	-	-	-	-
Inorganic Compounds (mg/kg)																			
Aluminum	NA	5270	4360	-	-	-	-	-	-	-	5720	4600	-	-	-	-	-	-	-
Antimony	NA	0.34 J	0.91 J	-	-	-	-	-	-	-	0.17 J	0.4 J	-	-	-	-	-	-	-
Arsenic	16	4.1	6.2	-	-	-	-	-	-	-	4.7	5.9	-	-	-	-	-	-	-
Barium	400	32.8	34.5	-	-	-	-	-	-	-	41.2	27.2	-	-	-	-	-	-	-
Beryllium	590	0.4	0.52	-	-	-	-	-	-	-	0.44	0.33 J	-	-	-	-	-	-	-
Cadmium	9.3	ND (0.99)	ND (1.1)	-	-	-	-	-	-	-	ND (0.93)	ND (0.97)	-	-	-	-	-	-	-
Calcium	NA	544	809	-	-	-	-	-	-	-	302	362	-	-	-	-	-	-	-
Chromium	NA	12	16.9	-	-	-	-	-	-	-	36.3	20.9	-	-	-	-	-	-	-
Cobalt	NA	3	7.4	-	-	-	-	-	-	-	16.8	9.1	-	-	-	-	-	-	-
Copper	270	21.6	51.9	-	-	-	-	-	-	-	16.9	33.1	-	-	-	-	-	-	-
Iron	NA	10900	13500	-	-	-	-	-	-	-	16800	14800	-	-	-	-	-	-	-
Lead	1000	42.3	92.7	-	-	-	-	-	-	-	19.3	38.5	-	-	-	-	-	-	-
Magnesium	NA	487	848	-	-	-	-	-	-	-	1530	841	-	-	-	-	-	-	-
Manganese	10000	43.4	74.2	-	-	-	-	-	-	-	236	123	-	-	-	-	-	-	-
Mercury	2.8	0.017 J	0.016	-	-	-	-	-	-	-	0.021	0.025	-	-	-	-	-	-	-
Nickel	310	8.4	21.2	-	-	-	-	-	-	-	107	41.1	-	-	-	-	-	-	-
Potassium	NA	533	629	-	-	-	-	-	-	-	653	475	-	-	-	-	-	-	-
Selenium	1500	0.31 J	0.7 J	-	-	-	-	-	-	-	0.21 J	0.38 J	-	-	-	-	-	-	-
Silver	1500	ND (0.4)	0.17 J	-	-	-	-	-	-	-	0.083 J	0.097 J	-	-	-	-	-	-	-
Sodium	NA	61.8 J	100 J	-	-	-	-	-	-	-	ND (93.2)	ND (96.8)	-	-	-	-	-	-	-
Thallium	NA	0.061 J	0.051 J	-	-	-	-	-	-	-	0.067 J	0.073 J	-	-	-	-	-	-	-
Vanadium	NA	16.7	18.1	-	-	-	-	-	-	-	18.4	16.7	-	-	-	-	-	-	-
Zinc	10000	37.3	136	-	-	-	-	-	-	-	40.5	56.3	-	-	-	-	-	-	-

ABBREVIATIONS AND NOTES:

mg/kg: milligram per kilogram

**: LCS or LCSD is outside acceptance limits.*
-: Not Analyzed
B: Compound was found in the blank and the associated sample.
bgs: below ground surface
ft: feet
J: Value is estimated.
NA: Not Applicable
ND (2.5): Not detected, number in parentheses is the laboratory reporting limit

- For test methods used, see the laboratory data sheets.
- Soil analytical results are compared to the New York State Department of Environmental Conservation (NYSDEC) Title 6 of the Official Compilation of New York Codes, Rules, and Regulations (NYCRR) Part 375 Commercial Use Soil Cleanup Objectives (SCO).
- Grey shading indicates an exceedance of the Commercial Use Soil Cleanup Objectives.

TABLE 22
SUMMARY OF SOIL QUALITY DATA - BERM 57
FORMER PORT MOBIL TERMINAL
STATEN ISLAND, NEW YORK
FILE NO. 0208998

	Criteria																		
Location Name	NY Part 375	57A	57A	57A1	57A1	57A2	57A2	57A3	57A3	57A3	57B	57B	57B1	57B1	57B1	57B2	57B2	57B3	57B3
Sample Name	Commercial	57A_0-4	57A_4-8	57A1_1-2	57A1_4-5	57A2_2-3	57A2_6-7	57A3_3-4	57A3_5-6	57A3_7-8	57B_0-4	57B_4-8	57B1_1-2	57B1_4-5	57B1_7-8	57B2_2-3	57B2_5-6	57B3_3-4	57B3_6-7
Sample Date	Use	09/29/2025	09/29/2025	09/29/2025	09/29/2025	09/29/2025	09/29/2025	09/29/2025	09/29/2025	09/29/2025	09/29/2025	09/29/2025	09/29/2025	09/29/2025	09/29/2025	09/29/2025	09/29/2025	09/29/2025	09/29/2025
Lab Sample ID	Soil Cleanup	460-335975-13	460-335975-14	460-335975-59	460-335975-62	460-335975-60	460-335975-63	460-335975-61	460-335975-64	460-335975-65	460-335975-15	460-335975-16	460-335975-66	460-335975-69	460-335975-72	460-335975-67	460-335975-70	460-335975-68	460-335975-71
Sample Depth (bgs)	Objectives	0 - 4 (ft)	4 - 8 (ft)	1 - 2 (ft)	4 - 5 (ft)	2 - 3 (ft)	6 - 7 (ft)	3 - 4 (ft)	5 - 6 (ft)	7 - 8 (ft)	0 - 4 (ft)	4 - 8 (ft)	1 - 2 (ft)	4 - 5 (ft)	7 - 8 (ft)	2 - 3 (ft)	5 - 6 (ft)	3 - 4 (ft)	6 - 7 (ft)
Volatile Organic Compounds (mg/kg)																			
1,1,1-Trichloroethane	500	-	-	ND (0.0014)	ND (0.00084) *	ND (0.0022)	ND (0.00097)	ND (0.001)	ND (0.0011)	ND (0.001)	-	-	ND (0.0018)	ND (0.0011)	ND (0.0012)	ND (0.0011)	ND (0.00092)	ND (0.0011)	ND (0.0011)
1,1,2,2-Tetrachloroethane	NA	-	-	ND (0.0014)	ND (0.00084)	ND (0.0022)	ND (0.00097)	ND (0.001)	ND (0.0011)	ND (0.001)	-	-	ND (0.0018)	ND (0.0011)	ND (0.0012)	ND (0.0011)	ND (0.00092)	ND (0.0011)	ND (0.0011)
1,1,2-Trichloroethane	NA	-	-	ND (0.0014)	ND (0.00084)	ND (0.0022)	ND (0.00097)	ND (0.001)	ND (0.0011)	ND (0.001)	-	-	ND (0.0018)	ND (0.0011)	ND (0.0012)	ND (0.0011)	ND (0.00092)	ND (0.0011)	ND (0.0011)
1,1-Dichloroethane	240	-	-	ND (0.0014)	ND (0.00084) *	ND (0.0022)	ND (0.00097)	ND (0.001)	ND (0.0011)	ND (0.001)	-	-	ND (0.0018)	ND (0.0011)	ND (0.0012)	ND (0.0011)	ND (0.00092)	ND (0.0011)	ND (0.0011)
1,1-Dichloroethene	500	-	-	ND (0.0014)	ND (0.00084) *	ND (0.0022)	ND (0.00097) *	ND (0.001)	ND (0.0011) *	ND (0.001) *	-	-	ND (0.0018)	ND (0.0011)	ND (0.0012)	ND (0.0011)	ND (0.00092)	ND (0.0011)	ND (0.0011)
1,2,3-Trichlorobenzene	NA	-	-	ND (0.0014)	ND (0.00084)	ND (0.0022)	ND (0.00097)	ND (0.001)	ND (0.0011)	ND (0.001)	-	-	ND (0.0018)	ND (0.0011)	ND (0.0012)	ND (0.0011)	ND (0.00092)	ND (0.0011)	ND (0.0011)
1,2,4-Trichlorobenzene	NA	-	-	ND (0.0014)	ND (0.00084)	ND (0.0022)	ND (0.00097)	ND (0.001)	ND (0.0011)	ND (0.001)	-	-	ND (0.0018)	ND (0.0011)	ND (0.0012)	ND (0.0011)	ND (0.00092)	ND (0.0011)	ND (0.0011)
1,2,4-Trimethylbenzene	190	-	-	ND (0.0014)	ND (0.00084)	ND (0.0022)	ND (0.00097)	ND (0.001)	ND (0.0011)	ND (0.001)	-	-	ND (0.0018)	ND (0.0011)	ND (0.0012)	ND (0.0011)	ND (0.00092)	ND (0.0011)	ND (0.0011)
1,2-Dibromo-3-chloropropane (DBCP)	NA	-	-	ND (0.0014)	ND (0.00084)	ND (0.0022)	ND (0.00097)	ND (0.001)	ND (0.0011)	ND (0.001)	-	-	ND (0.0018)	ND (0.0011)	ND (0.0012)	ND (0.0011)	ND (0.00092)	ND (0.0011)	ND (0.0011)
1,2-Dibromoethane (Ethylene Dibromide)	NA	-	-	ND (0.0014)	ND (0.00084)	ND (0.0022)	ND (0.00097)	ND (0.001)	ND (0.0011)	ND (0.001)	-	-	ND (0.0018)	ND (0.0011)	ND (0.0012)	ND (0.0011)	ND (0.00092)	ND (0.0011)	ND (0.0011)
1,2-Dichlorobenzene	500	-	-	ND (0.0014)	ND (0.00084)	ND (0.0022)	ND (0.00097)	ND (0.001)	ND (0.0011)	ND (0.001)	-	-	ND (0.0018)	ND (0.0011)	ND (0.0012)	ND (0.0011)	ND (0.00092)	ND (0.0011)	ND (0.0011)
1,2-Dichloroethane	30	-	-	ND (0.0014)	ND (0.00084) *	ND (0.0022)	ND (0.00097)	ND (0.001)	ND (0.0011)	ND (0.001)	-	-	ND (0.0018)	ND (0.0011)	ND (0.0012)	ND (0.0011)	ND (0.00092)	ND (0.0011)	ND (0.0011)
1,2-Dichloropropane	NA	-	-	ND (0.0014)	ND (0.00084) *	ND (0.0022)	ND (0.00097)	ND (0.001)	ND (0.0011)	ND (0.001)	-	-	ND (0.0018)	ND (0.0011)	ND (0.0012)	ND (0.0011)	ND (0.00092)	ND (0.0011)	ND (0.0011)
1,3,5-Trimethylbenzene	190	-	-	ND (0.0014)	ND (0.00084)	ND (0.0022)	ND (0.00097)	ND (0.001)	ND (0.0011)	ND (0.001)	-	-	ND (0.0018)	ND (0.0011)	ND (0.0012)	ND (0.0011)	ND (0.00092)	ND (0.0011)	ND (0.0011)
1,3-Dichlorobenzene	280	-	-	ND (0.0014)	ND (0.00084)	ND (0.0022)	ND (0.00097)	ND (0.001)	ND (0.0011)	ND (0.001)	-	-	ND (0.0018)	ND (0.0011)	ND (0.0012)	ND (0.0011)	ND (0.00092)	ND (0.0011)	ND (0.0011)
1,4-Dichlorobenzene	130	-	-	ND (0.0014)	ND (0.00084)	ND (0.0022)	ND (0.00097)	ND (0.001)	ND (0.0011)	ND (0.001)	-	-	ND (0.0018)	ND (0.0011)	ND (0.0012)	ND (0.0011)	ND (0.00092)	ND (0.0011)	ND (0.0011)
2-Butanone (Methyl Ethyl Ketone)	500	-	-	ND (0.0069)	ND (0.0042) *	ND (0.011)	ND (0.0049)	ND (0.0052)	ND (0.0055)	ND (0.0051)	-	-	ND (0.0088)	ND (0.0053)	ND (0.0062)	ND (0.0055)	ND (0.0046)	ND (0.0053)	ND (0.0055)
2-Hexanone (Methyl Butyl Ketone)	NA	-	-	ND (0.0069)	ND (0.0042) *	ND (0.011)	ND (0.0049)	ND (0.0052)	ND (0.0055)	ND (0.0051)	-	-	ND (0.0088)	ND (0.0053)	ND (0.0062)	ND (0.0055)	ND (0.0046)	ND (0.0053)	ND (0.0055)
2-Phenylbutane (sec-Butylbenzene)	500	-	-	ND (0.0014)	ND (0.00084)	ND (0.0022)	ND (0.00097)	ND (0.001)	ND (0.0011)	ND (0.001)	-	-	ND (0.0018)	ND (0.0011)	ND (0.0012)	ND (0.0011)	ND (0.00092)	ND (0.0011)	ND (0.0011)
4-Methyl-2-Pentanone (Methyl Isobutyl Ketone)	NA	-	-	ND (0.0069)	ND (0.0042) *	ND (0.011)	ND (0.0049)	ND (0.0052)	ND (0.0055)	ND (0.0051)	-	-	ND (0.0088)	ND (0.0053)	ND (0.0062)	ND (0.0055)	ND (0.0046)	ND (0.0053)	ND (0.0055)
Acetone	500	-	-	ND (0.0082)	0.0075 *	ND (0.013)	ND (0.0058)	ND (0.0063)	ND (0.0066)	ND (0.0061)	-	-	ND (0.011)	ND (0.0064)	ND (0.0074)	ND (0.0066)	ND (0.0055)	ND (0.0064)	ND (0.0067)
Benzene	44	-	-	ND (0.0014)	ND (0.00084)	ND (0.0022)	ND (0.00097)	ND (0.001)	ND (0.0011)	ND (0.001)	-	-	ND (0.0018)	ND (0.0011)	ND (0.0012)	ND (0.0011)	ND (0.00092)	ND (0.0011)	ND (0.0011)
Bromodichloromethane	NA	-	-	ND (0.0014)	ND (0.00084) *	ND (0.0022)	ND (0.00097)	ND (0.001)	ND (0.0011)	ND (0.001)	-	-	ND (0.0018)	ND (0.0011)	ND (0.0012)	ND (0.0011)	ND (0.00092)	ND (0.0011)	ND (0.0011)
Bromoform	NA	-	-	ND (0.0014)	ND (0.00084)	ND (0.0022)	ND (0.00097)	ND (0.001)	ND (0.0011)	ND (0.001)	-	-	ND (0.0018) *	ND (0.0011) *	ND (0.0012) *	ND (0.0011) *	ND (0.00092) *	ND (0.0011) *	ND (0.0011) *
Bromomethane (Methyl Bromide)	NA	-	-	ND (0.0027)	ND (0.0017) *	ND (0.0044)	ND (0.0019)	ND (0.0021)	ND (0.0022)	ND (0.002)	-	-	ND (0.0035)	ND (0.0021)	ND (0.0025)	ND (0.0022)	ND (0.0018)	ND (0.0021)	ND (0.0022)
Carbon disulfide	NA	-	-	ND (0.0014)	ND (0.00084) *	ND (0.0022)	ND (0.00097)	ND (0.001)	ND (0.0011)	ND (0.001)	-	-	ND (0.0018)	ND (0.0011)	ND (0.0012)	ND (0.0011)	ND (0.00092)	ND (0.0011)	ND (0.0011)
Carbon tetrachloride	22	-	-	ND (0.0014)	ND (0.00084) *	ND (0.0022)	ND (0.00097)	ND (0.001)	ND (0.0011)	ND (0.001)	-	-	ND (0.0018)	ND (0.0011)	ND (0.0012)	ND (0.0011)	ND (0.00092)	ND (0.0011)	ND (0.0011)
Chlorobenzene	500	-	-	ND (0.0014)	ND (0.00084)	ND (0.0022)	ND (0.00097)	ND (0.001)	ND (0.0011)	ND (0.001)	-	-	ND (0.0018)	ND (0.0011)	ND (0.0012)	ND (0.0011)	ND (0.00092)	ND (0.0011)	ND (0.0011)
Chlorobromomethane	NA	-	-	ND (0.0014)	ND (0.00084) *	ND (0.0022)	ND (0.00097)	ND (0.001)	ND (0.0011)	ND (0.001)	-	-	ND (0.0018)	ND (0.0011)	ND (0.0012)	ND (0.0011)	ND (0.00092)	ND (0.0011)	ND (0.0011)
Chloroethane	NA	-	-	ND (0.0014)	ND (0.00084) *	ND (0.0022)	ND (0.00097)	ND (0.001)	ND (0.0011)	ND (0.001)	-	-	ND (0.0018)	ND (0.0011)	ND (0.0012)	ND (0.0011)	ND (0.00092)	ND (0.0011)	ND (0.0011)
Chloroform (Trichloromethane)	350	-	-	ND (0.0014)	ND (0.00084) *	ND (0.0022)	ND (0.00097)	ND (0.001)	ND (0.0011)	ND (0.001)	-	-	ND (0.0018)	ND (0.0011)	ND (0.0012)	ND (0.0011)	ND (0.00092)	ND (0.0011)	ND (0.0011)
Chloromethane (Methyl Chloride)	NA	-	-	ND (0.0014)	ND (0.00084) *	ND (0.0022)	ND (0.00097)	ND (0.001)	ND (0.0011)	ND (0.001)	-	-	ND (0.0018)	ND (0.0011)	ND (0.0012)	ND (0.0011)	ND (0.00092)	ND (0.0011)	ND (0.0011)
cis-1,2-Dichloroethene	500	-	-	ND (0.0014)	ND (0.00084) *	ND (0.0022)	ND (0.00097)	ND (0.001)	ND (0.0011)	ND (0.001)	-	-	ND (0.0018)	ND (0.0011)	ND (0.0012)	ND (0.0011)	ND (0.00092)	ND (0.0011)	ND (0.0011)
cis-1,3-Dichloropropene	NA	-	-	ND (0.0014)	ND (0.00084)	ND (0.0022)	ND (0.00097)	ND (0.001)	ND (0.0011)	ND (0.001)	-	-	ND (0.0018)	ND (0.0011)	ND (0.0012)	ND (0.0011)	ND (0.00092)	ND (0.0011)	ND (0.0011)
Cyclohexane	NA	-	-	ND (0.0014)	ND (0.00084) *	ND (0.0022)	ND (0.00097)	ND (0.001)	ND (0.0011)	ND (0.001)	-	-	ND (0.0018)	ND (0.0011)	ND (0.0012)	ND (0.0011)	ND (0.00092)	ND (0.0011)	ND (0.0011)
Dibromochloromethane	NA	-	-	ND (0.0014)	ND (0.00084)	ND (0.0022)	ND (0.00097)	ND (0.001)	ND (0.0011)	ND (0.001)	-	-	ND (0.0018) *	ND (0.0011) *	ND (0.0012) *	ND (0.0011) *	ND (0.00092) *	ND (0.0011) *	ND (0.0011) *
Dichlorodifluoromethane (CFC-12)	NA	-	-	ND (0.0014)	ND (0.00084) *	ND (0.0022)	ND (0.00097)	ND (0.001)	ND (0.0011)	ND (0.001)	-	-	ND (0.0018)	ND (0.0011)	ND (0.0012)	ND (0.0011)	ND (0.00092)	ND (0.0011)	ND (0.0011)
Ethylbenzene	390	-	-	ND (0.0014)	ND (0.00084)	ND (0.0022)	ND (0.00097)	ND (0.001)	ND (0.0011)	ND (0.001)	-	-	ND (0.0018)	ND (0.0011)	ND (0.0012)	ND (0.0011)	ND (0.00092)	ND (0.0011)	ND (0.0011)
Isopropylbenzene (Cumene)	NA	-	-	ND (0.0014)	ND (0.00084)	ND (0.0022)	ND (0.00097)	ND (0.001)	ND (0.0011)	ND (0.001)	-	-	ND (0.0018)	ND (0.0011)	ND (0.0012)	ND (0.0011)	ND (0.00092)	ND (0.0011)	ND (0.0011)
m,p-Xylenes	NA	-	-	ND (0.0014)	ND (0.00084)	ND (0.0022)	ND (0.00097)	ND (0.001)	ND (0.0011)	ND (0.001)	-	-	ND (0.0018)	ND (0.0011)	ND (0.0012)	ND (0.0011)	ND (0.00092)	ND (0.0011)	ND (0.0011)
Methyl acetate	NA	-	-	ND (0.0069)	ND (0.0042) *	ND (0.011)	ND (0.0049)	ND (0.0052)	ND (0.0055)	ND (0.0051)	-	-	ND (0.0088) *	ND (0.0053) *	ND (0.0062) *	ND (0.0055) *	ND (0.0046) *	ND (0.0053) *	ND (0.0055) *
Methyl Tert Butyl Ether (MTBE)	500	-	-	ND (0.0014)	ND (0.00084) *	ND (0.0022)	ND (0.00097)	ND (0.001)	ND (0.0011)	ND (0.001)	-	-	ND (0.0018)	ND (0.0011)	ND (0.0012)	ND (0.0011)	ND (0.00092)	ND (0.0011)	ND (0.0011)
Methylcyclohexane	NA	-	-	ND (0.0014)	ND (0.00084) *	ND (0.0022)	ND (0.00097)	ND (0.001)	ND (0.0011)	ND (0.001)	-	-	ND (0.0018)	ND (0.0011)	ND (0.0012)	ND (0.0011)	ND (0.00092)	ND (0.0011)	ND (0.0011)
Methylene chloride (Dichloromethane)	500	-	-	0.004	ND (0.0017) *	0.008	0.0018 J	0.0021	0.0033	0.0034	-	-	ND (0.0035)	0.0046	0.0047	ND (0.0022)	0.0024	0.0038	0.004
n-Butylbenzene	500	-	-	ND (0.0014)	ND (0.00084)	ND (0.0022)	ND (0.00097)	ND (0.001)	ND (0.0011)	ND (0.001)	-	-	ND (0.0018)	ND (0.0011)	ND (0.0012)	ND (0.0011)	ND (0.00092)	ND (0.0011)	ND (0.0011)
n-Propylbenzene	500	-	-	ND (0.0014)	ND (0.00084)	ND (0.0022)	ND (0.00097)	ND (0.001)	ND (0.0011)	ND (0.001)	-	-	ND (0.0018)	ND (0.0011)	ND (0.0012)	ND (0.0011)	ND (0.00092)	ND (0.0011)	ND (0.0011)
o-Xylene	NA	-	-	ND (0.0014)	ND (0.00084)	ND (0.0022)	ND (0.00097)	ND (0.001)	ND (0.0011)	ND (0.001)	-	-	ND (0.0018)	ND (0.0011)	ND (0.0012)	ND (0.0011)	ND (0.00092)	ND (0.0011)	ND (0.0011)
Styrene	NA	-	-	ND (0.0014)	ND (0.00084)	ND (0.0022)	ND (0.00097)	ND (0.001)	ND (0.0011)	ND (0.001)	-	-	ND (0.0018)	ND (0.0011)	ND (0.0012)	ND (0.0011)	ND (0.00092)	ND (0.0011)	ND (0.0011)
tert-Butylbenzene	500	-	-	ND (0.0014)	ND (0.00084)	ND (0.0022)	ND (0.00097)	ND (0.001)	ND (0.0011)	ND (0.001)	-	-	ND (0.0018)	ND (0.0011)	ND (0.0012)	ND (0.0011)	ND (0.00092)	ND (0.0011)	ND (0.0011)
Tetrachloroethene	150	-	-	ND (0.0014)	ND (0.00084)	ND (0.0022)	ND (0.00097)	ND (0.001)	ND (0.0011)	ND (0.001)	-	-	ND (0.0018)	ND (0.0011)	ND (0.0012)	ND (0.0011)	ND (0.00092)	ND (0.0011)	ND (0.0011)
Toluene	500	-	-	ND (0.0014)	ND (0.00084)	ND (0.0022)	ND (0.00097)	ND (0.001)	ND (0.0011)	ND (0.001)	-	-	ND (0.0018)	ND (0.0011)	ND (0.0012)	ND (0.0011)	ND (0.00092)	ND (0.0011)	ND (0.0011)
trans-1,2-Dichloroethene	500	-	-	ND (0.0014)	ND (0.00084) *	ND (0.0022)	ND (0.00097)	ND (0.001)	ND (0.0011)	ND (0.001)	-	-	ND (0.0018)	ND (0.0011)	ND (0.0012)	ND (0.0011)	ND (0.00092)	ND (0.0011)	ND (0.0011)
trans-1,3-Dichloropropene	NA	-	-	ND (0.0014)	ND (0.00084)	ND (0.0022)	ND (0.00097)	ND (0.001)	ND (0.0011)	ND (0.001)	-	-	ND (0.0018)	ND (0.0011)	ND (0.0012)	ND (0.0011)	ND (0.00092)	ND (0.0011)	ND (0.0011)
Trichloroethene	200	-	-	ND (0.0014)	ND (0.00084) *	ND (0.0022)	ND (0.00097)	ND (0.001)	ND (0.0011)	ND (0.001)	-	-	ND (0.0018)	ND (0.0011)	ND (0.0012)	ND (0.0011)	ND (0.00092)	ND (0.0011)	ND (0.0011)
Trichlorofluoromethane (CFC-11)	NA	-	-	ND (0.0014)	ND (0.00084) *	ND (0.0022)	ND (0.00097)	ND (0.001)	ND (0.0011)	ND (0.001)	-	-	ND (0.0018)	ND (0.0011)	ND (0.0012)	ND (0.0011)	ND (0.00092)	ND (0.0011)	ND (0.0011)
Trifluorotrichloroethane (Freon 113)	NA	-	-	ND (0.0014)	ND (0.00084) *	ND (0.0022)	ND (0.00097)	ND (0.001)	ND (0.0011)	ND (0.001)	-	-	ND (0.0018)	ND (0.0011)	ND (0.0012)	ND (0.0011)	ND (0.00092)	ND (0.0011)	ND (0.0011)
Vinyl chloride	13	-	-	ND (0.0014)	ND (0.00084) *	ND (0.0022)	ND (0.00097)	ND (0.001)	ND (0.0011)	ND (0.001)	-	-	ND (0.0018)	ND (0.0011)	ND (0.0012)	ND (0.0011)	ND (0.00092)	ND (0.0011)	ND (0.0011)
Xylene (Total)	500	-	-	ND (0.0027)	ND (0.0017)	ND (0.0044)	ND (0.0019)	ND (0.0021)	ND (0.0022)	ND (0.002)	-	-	ND (0.0035)	ND (0.0021)	ND (0.0025)	ND (0.0022)	ND (0.0018)	ND (0.0021)	ND (0.0022)

TABLE 22
SUMMARY OF SOIL QUALITY DATA - BERM 57
FORMER PORT MOBIL TERMINAL
STATEN ISLAND, NEW YORK
FILE NO. 0208998

	Criteria																		
Location Name	NY Part 375	57A	57A	57A1	57A1	57A2	57A2	57A3	57A3	57A3	57B	57B	57B1	57B1	57B1	57B2	57B2	57B3	57B3
Sample Name	Commercial	57A_0-4	57A_4-8	57A1_1-2	57A1_4-5	57A2_2-3	57A2_6-7	57A3_3-4	57A3_5-6	57A3_7-8	57B_0-4	57B_4-8	57B1_1-2	57B1_4-5	57B1_7-8	57B2_2-3	57B2_5-6	57B3_3-4	57B3_6-7
Sample Date	Use	09/29/2025	09/29/2025	09/29/2025	09/29/2025	09/29/2025	09/29/2025	09/29/2025	09/29/2025	09/29/2025	09/29/2025	09/29/2025	09/29/2025	09/29/2025	09/29/2025	09/29/2025	09/29/2025	09/29/2025	09/29/2025
Lab Sample ID	Soil Cleanup	460-335975-13	460-335975-14	460-335975-59	460-335975-62	460-335975-60	460-335975-63	460-335975-61	460-335975-64	460-335975-65	460-335975-15	460-335975-16	460-335975-66	460-335975-69	460-335975-72	460-335975-67	460-335975-70	460-335975-68	460-335975-71
Sample Depth (bgs)	Objectives	0 - 4 (ft)	4 - 8 (ft)	1 - 2 (ft)	4 - 5 (ft)	2 - 3 (ft)	6 - 7 (ft)	3 - 4 (ft)	5 - 6 (ft)	7 - 8 (ft)	0 - 4 (ft)	4 - 8 (ft)	1 - 2 (ft)	4 - 5 (ft)	7 - 8 (ft)	2 - 3 (ft)	5 - 6 (ft)	3 - 4 (ft)	6 - 7 (ft)
Semi-Volatile Organic Compounds (mg/kg)																			
1,2,4,5-Tetrachlorobenzene	NA	ND (0.37)	ND (0.35)	-	-	-	-	-	-	-	ND (0.38)	ND (0.4)	-	-	-	-	-	-	-
1,4-Dioxane	130	ND (0.037)	ND (0.035)	-	-	-	-	-	-	-	ND (0.038)	ND (0.04)	-	-	-	-	-	-	-
2,2'-oxybis(1-Chloropropane)	NA	ND (0.37)	ND (0.35)	-	-	-	-	-	-	-	ND (0.38)	ND (0.4)	-	-	-	-	-	-	-
2,3,4,6-Tetrachlorophenol	NA	ND (0.37)	ND (0.35)	-	-	-	-	-	-	-	ND (0.38)	ND (0.4)	-	-	-	-	-	-	-
2,4,5-Trichlorophenol	NA	ND (0.37)	ND (0.35)	-	-	-	-	-	-	-	ND (0.38)	ND (0.4)	-	-	-	-	-	-	-
2,4,6-Trichlorophenol	NA	ND (0.15)	ND (0.14)	-	-	-	-	-	-	-	ND (0.15)	ND (0.16)	-	-	-	-	-	-	-
2,4-Dichlorophenol	NA	ND (0.15)	ND (0.14)	-	-	-	-	-	-	-	ND (0.15)	ND (0.16)	-	-	-	-	-	-	-
2,4-Dimethylphenol	NA	ND (0.37)	ND (0.35)	-	-	-	-	-	-	-	ND (0.38)	ND (0.4)	-	-	-	-	-	-	-
2,4-Dinitrophenol	NA	ND (0.3)	ND (0.29)	-	-	-	-	-	-	-	ND (0.31)	ND (0.32)	-	-	-	-	-	-	-
2,4-Dinitrotoluene	NA	ND (0.075)	ND (0.072)	-	-	-	-	-	-	-	ND (0.077)	ND (0.08)	-	-	-	-	-	-	-
2,6-Dinitrotoluene	NA	ND (0.075)	ND (0.072)	-	-	-	-	-	-	-	ND (0.077)	ND (0.08)	-	-	-	-	-	-	-
2-Chloronaphthalene	NA	ND (0.37)	ND (0.35)	-	-	-	-	-	-	-	ND (0.38)	ND (0.4)	-	-	-	-	-	-	-
2-Chlorophenol	NA	ND (0.37)	ND (0.35)	-	-	-	-	-	-	-	ND (0.38)	ND (0.4)	-	-	-	-	-	-	-
2-Methylnaphthalene	NA	ND (0.37)	ND (0.35)	-	-	-	-	-	-	-	ND (0.38)	ND (0.4)	-	-	-	-	-	-	-
2-Methylphenol (o-Cresol)	500	ND (0.37)	ND (0.35)	-	-	-	-	-	-	-	ND (0.38)	ND (0.4)	-	-	-	-	-	-	-
2-Nitroaniline	NA	ND (0.37)	ND (0.35)	-	-	-	-	-	-	-	ND (0.38)	ND (0.4)	-	-	-	-	-	-	-
2-Nitrophenol	NA	ND (0.37)	ND (0.35)	-	-	-	-	-	-	-	ND (0.38)	ND (0.4)	-	-	-	-	-	-	-
3&4-Methylphenol	NA	ND (0.37)	ND (0.35)	-	-	-	-	-	-	-	ND (0.38)	ND (0.4)	-	-	-	-	-	-	-
3,3'-Dichlorobenzidine	NA	ND (0.15)	ND (0.14)	-	-	-	-	-	-	-	ND (0.15)	ND (0.16)	-	-	-	-	-	-	-
3-Nitroaniline	NA	ND (0.37)	ND (0.35)	-	-	-	-	-	-	-	ND (0.38)	ND (0.4)	-	-	-	-	-	-	-
4,6-Dinitro-2-methylphenol	NA	ND (0.3)	ND (0.29)	-	-	-	-	-	-	-	ND (0.31)	ND (0.32)	-	-	-	-	-	-	-
4-Bromophenyl phenyl ether (BDE-3)	NA	ND (0.37)	ND (0.35)	-	-	-	-	-	-	-	ND (0.38)	ND (0.4)	-	-	-	-	-	-	-
4-Chloro-3-methylphenol	NA	ND (0.37)	ND (0.35)	-	-	-	-	-	-	-	ND (0.38)	ND (0.4)	-	-	-	-	-	-	-
4-Chloroaniline	NA	ND (0.37)	ND (0.35)	-	-	-	-	-	-	-	ND (0.38)	ND (0.4)	-	-	-	-	-	-	-
4-Chlorophenyl phenyl ether	NA	ND (0.37)	ND (0.35)	-	-	-	-	-	-	-	ND (0.38)	ND (0.4)	-	-	-	-	-	-	-
4-Methylphenol	500	ND (0.37)	ND (0.35)	-	-	-	-	-	-	-	ND (0.38)	ND (0.4)	-	-	-	-	-	-	-
4-Nitroaniline	NA	ND (0.37)	ND (0.35)	-	-	-	-	-	-	-	ND (0.38)	ND (0.4)	-	-	-	-	-	-	-
4-Nitrophenol	NA	ND (0.75)	ND (0.72)	-	-	-	-	-	-	-	ND (0.77)	ND (0.8)	-	-	-	-	-	-	-
Acenaphthene	500	ND (0.37)	ND (0.35)	-	-	-	-	-	-	-	ND (0.38)	ND (0.4)	-	-	-	-	-	-	-
Acenaphthylene	500	ND (0.37)	ND (0.35)	-	-	-	-	-	-	-	ND (0.38)	ND (0.4)	-	-	-	-	-	-	-
Acetophenone	NA	ND (0.37)	ND (0.35)	-	-	-	-	-	-	-	ND (0.38)	ND (0.4)	-	-	-	-	-	-	-
Anthracene	500	ND (0.37)	ND (0.35)	-	-	-	-	-	-	-	ND (0.38)	ND (0.4)	-	-	-	-	-	-	-
Atrazine	NA	ND (0.15)	ND (0.14)	-	-	-	-	-	-	-	ND (0.15)	ND (0.16)	-	-	-	-	-	-	-
Benzaldehyde	NA	ND (0.37)	ND (0.35)	-	-	-	-	-	-	-	ND (0.38)	ND (0.4)	-	-	-	-	-	-	-
Benzo(a)anthracene	5.6	ND (0.037)	ND (0.035)	-	-	-	-	-	-	-	ND (0.038)	ND (0.04)	-	-	-	-	-	-	-
Benzo(a)pyrene	1	ND (0.037)	ND (0.035)	-	-	-	-	-	-	-	ND (0.038)	0.011 J	-	-	-	-	-	-	-
Benzo(b)fluoranthene	5.6	ND (0.037)	ND (0.035)	-	-	-	-	-	-	-	ND (0.038)	0.012 J	-	-	-	-	-	-	-
Benzo(g,h,i)perylene	500	ND (0.37)	ND (0.35)	-	-	-	-	-	-	-	ND (0.38)	0.014 J	-	-	-	-	-	-	-
Benzo(k)fluoranthene	56	ND (0.037)	ND (0.035)	-	-	-	-	-	-	-	ND (0.038)	0.008 J	-	-	-	-	-	-	-
Biphenyl	NA	ND (0.37)	ND (0.35)	-	-	-	-	-	-	-	ND (0.38)	ND (0.4)	-	-	-	-	-	-	-
bis(2-Chloroethoxy)methane	NA	ND (0.37)	ND (0.35)	-	-	-	-	-	-	-	ND (0.38)	ND (0.4)	-	-	-	-	-	-	-
bis(2-Chloroethyl)ether	NA	ND (0.037)	ND (0.035)	-	-	-	-	-	-	-	ND (0.038)	ND (0.04)	-	-	-	-	-	-	-
bis(2-Ethylhexyl)phthalate	NA	ND (0.37)	ND (0.35)	-	-	-	-	-	-	-	ND (0.38)	ND (0.4)	-	-	-	-	-	-	-
Butyl benzylphthalate (BBP)	NA	ND (0.37)	ND (0.35)	-	-	-	-	-	-	-	ND (0.38)	ND (0.4)	-	-	-	-	-	-	-
Caprolactam	NA	ND (0.37)	ND (0.35)	-	-	-	-	-	-	-	ND (0.38)	ND (0.4)	-	-	-	-	-	-	-
Carbazole	NA	ND (0.37)	ND (0.35)	-	-	-	-	-	-	-	ND (0.38)	ND (0.4)	-	-	-	-	-	-	-
Chrysene	56	ND (0.37)	ND (0.35)	-	-	-	-	-	-	-	ND (0.38)	ND (0.4)	-	-	-	-	-	-	-
Dibenz(a,h)anthracene	0.56	ND (0.037)	ND (0.035)	-	-	-	-	-	-	-	ND (0.038)	ND (0.04)	-	-	-	-	-	-	-
Dibenzofuran	350	ND (0.37)	ND (0.35)	-	-	-	-	-	-	-	ND (0.38)	ND (0.4)	-	-	-	-	-	-	-
Diethyl phthalate	NA	ND (0.37)	ND (0.35)	-	-	-	-	-	-	-	ND (0.38)	ND (0.4)	-	-	-	-	-	-	-
Dimethyl phthalate	NA	ND (0.37)	ND (0.35)	-	-	-	-	-	-	-	ND (0.38)	ND (0.4)	-	-	-	-	-	-	-
Di-n-butylphthalate (DBP)	NA	ND (0.37)	ND (0.35)	-	-	-	-	-	-	-	ND (0.38)	ND (0.4)	-	-	-	-	-	-	-
Di-n-octyl phthalate (DnOP)	NA	ND (0.37)	ND (0.35)	-	-	-	-	-	-	-	ND (0.38)	ND (0.4)	-	-	-	-	-	-	-
Fluoranthene	500	ND (0.37)	ND (0.35)	-	-	-	-	-	-	-	ND (0.38)	ND (0.4)	-	-	-	-	-	-	-
Fluorene	500	ND (0.37)	ND (0.35)	-	-	-	-	-	-	-	ND (0.38)	ND (0.4)	-	-	-	-	-	-	-
Hexachlorobenzene	6	ND (0.037)	ND (0.035)	-	-	-	-	-	-	-	ND (0.038)	ND (0.04)	-	-	-	-	-	-	-
Hexachlorobutadiene	NA	ND (0.075)	ND (0.072)	-	-	-	-	-	-	-	ND (0.077)	ND (0.08)	-	-	-	-	-	-	-
Hexachlorocyclopentadiene	NA	ND (0.37)	ND (0.35)	-	-	-	-	-	-	-	ND (0.38)	ND (0.4)	-	-	-	-	-	-	-
Hexachloroethane	NA	ND (0.037)	ND (0.035)	-	-	-	-	-	-	-	ND (0.038)	ND (0.04)	-	-	-	-	-	-	-
Indeno(1,2,3-cd)pyrene	5.6	ND (0.037)	ND (0.035)	-	-	-	-	-	-	-	ND (0.038)	ND (0.04)	-	-	-	-	-	-	-
Isophorone	NA	ND (0.15)	ND (0.14)	-	-	-	-	-	-	-	ND (0.15)	ND (0.16)	-	-	-	-	-	-	-
Naphthalene	500	ND (0.37)	ND (0.35)	-	-	-	-	-	-	-	ND (0.38)	ND (0.4)	-	-	-	-	-	-	-
Nitrobenzene	NA	ND (0.037)	ND (0.035)	-	-	-	-	-	-	-	ND (0.038)	ND (0.04)	-	-	-	-	-	-	-
N-Nitrosodi-n-propylamine	NA	ND (0.037)	ND (0.035)	-	-	-	-	-	-	-	ND (0.038)	ND (0.04)	-	-	-	-	-	-	-
N-Nitrosodiphenylamine	NA	ND (0.37)	ND (0.35)	-	-	-	-	-	-	-	ND (0.38)	ND (0.4)	-	-	-	-	-	-	-
Pentachlorophenol	6.7	ND (0.3)	ND (0.29)	-	-	-	-	-	-	-	ND (0.31)	ND (0.32)	-	-	-	-	-	-	-
Phenanthrene	500	ND (0.37)	ND (0.35)	-	-	-	-	-	-	-	ND (0.38)	ND (0.4)	-	-	-	-	-	-	-
Phenol	500	ND (0.37)	ND (0.35)	-	-	-	-	-	-	-	ND (0.38)	ND (0.4)	-	-	-	-	-	-	-
Pyrene	500	ND (0.37)	ND (0.35)	-	-	-	-	-	-	-	ND (0.38)	ND (0.4)	-	-	-	-	-	-	-

TABLE 22
SUMMARY OF SOIL QUALITY DATA - BERM 57
FORMER PORT MOBIL TERMINAL
STATEN ISLAND, NEW YORK
FILE NO. 0208998

	Criteria																		
Location Name	NY Part 375	57A	57A	57A1	57A1	57A2	57A2	57A3	57A3	57A3	57B	57B	57B1	57B1	57B1	57B2	57B2	57B3	57B3
Sample Name	Commercial	57A_0-4	57A_4-8	57A1_1-2	57A1_4-5	57A2_2-3	57A2_6-7	57A3_3-4	57A3_5-6	57A3_7-8	57B_0-4	57B_4-8	57B1_1-2	57B1_4-5	57B1_7-8	57B2_2-3	57B2_5-6	57B3_3-4	57B3_6-7
Sample Date	Use	09/29/2025	09/29/2025	09/29/2025	09/29/2025	09/29/2025	09/29/2025	09/29/2025	09/29/2025	09/29/2025	09/29/2025	09/29/2025	09/29/2025	09/29/2025	09/29/2025	09/29/2025	09/29/2025	09/29/2025	09/29/2025
Lab Sample ID	Soil Cleanup	460-335975-13	460-335975-14	460-335975-59	460-335975-62	460-335975-60	460-335975-63	460-335975-61	460-335975-64	460-335975-65	460-335975-15	460-335975-16	460-335975-66	460-335975-69	460-335975-72	460-335975-67	460-335975-70	460-335975-68	460-335975-71
Sample Depth (bgs)	Objectives	0 - 4 (ft)	4 - 8 (ft)	1 - 2 (ft)	4 - 5 (ft)	2 - 3 (ft)	6 - 7 (ft)	3 - 4 (ft)	5 - 6 (ft)	7 - 8 (ft)	0 - 4 (ft)	4 - 8 (ft)	1 - 2 (ft)	4 - 5 (ft)	7 - 8 (ft)	2 - 3 (ft)	5 - 6 (ft)	3 - 4 (ft)	6 - 7 (ft)
PFAS (mg/kg)																			
11-Chloroeicosafluoro-3-Oxaundecane-1-Sulfonic Acid (11Cl-PF3OUdS)	NA	ND (0.0002)	ND (0.0002)	-	-	-	-	-	-	-	ND (0.00019)	ND (0.0002)	-	-	-	-	-	-	-
2H,2H,3H,3H-Perfluorooctanoic acid (5:3 FTCA)	NA	ND (0.001)	ND (0.00099)	-	-	-	-	-	-	-	ND (0.00096)	ND (0.00098)	-	-	-	-	-	-	-
3-(Perfluoroheptyl)propanoic acid (7:3 FTCA)	NA	ND (0.001)	ND (0.00099)	-	-	-	-	-	-	-	0.00054 J	ND (0.00098)	-	-	-	-	-	-	-
3:3 Fluorotelomer carboxylic acid (3:3 FTCA)	NA	ND (0.0004)	ND (0.0004)	-	-	-	-	-	-	-	ND (0.00038)	ND (0.00039)	-	-	-	-	-	-	-
4,8-Dioxa-3H-Perfluorononanoic Acid (ADONA)	NA	ND (0.0002)	ND (0.0002)	-	-	-	-	-	-	-	ND (0.00019)	ND (0.0002)	-	-	-	-	-	-	-
4:2 Fluorotelomer sulfonic acid (4:2 FTS)	NA	ND (0.0004)	ND (0.0004)	-	-	-	-	-	-	-	ND (0.00038)	ND (0.00039)	-	-	-	-	-	-	-
6:2 Fluorotelomer sulfonic acid (6:2 FTS)	NA	ND (0.0004)	ND (0.0004)	-	-	-	-	-	-	-	0.00024 J	0.00025 J	-	-	-	-	-	-	-
8:2 Fluorotelomer sulfonic acid (8:2 FTS)	NA	0.00071	0.00053	-	-	-	-	-	-	-	0.0112	0.00838	-	-	-	-	-	-	-
9-Chlorohexadecafluoro-3-Oxanone-1-Sulfonic Acid (9Cl-PF3ONS)	NA	ND (0.0002)	ND (0.0002)	-	-	-	-	-	-	-	ND (0.00019)	ND (0.0002)	-	-	-	-	-	-	-
N-Ethyl Perfluorooctanesulfonamidoacetic Acid (NEtFOSAA)	NA	ND (0.0002)	ND (0.0002)	-	-	-	-	-	-	-	ND (0.00019)	ND (0.0002)	-	-	-	-	-	-	-
N-Ethylperfluorooctane sulfonamide (N-EtFOSA)	NA	ND (0.0002)	ND (0.0002)	-	-	-	-	-	-	-	ND (0.00019)	ND (0.0002)	-	-	-	-	-	-	-
N-Ethylperfluorooctane sulfonamidoethanol (N-EtFOSE)	NA	ND (0.001)	ND (0.00099)	-	-	-	-	-	-	-	ND (0.00096)	ND (0.00098)	-	-	-	-	-	-	-
N-Methyl Perfluorooctanesulfonamidoacetic Acid (NMeFOSAA)	NA	ND (0.0002)	ND (0.0002)	-	-	-	-	-	-	-	ND (0.00019)	ND (0.0002)	-	-	-	-	-	-	-
N-Methylperfluorooctane sulfonamide (N-MeFOSA)	NA	ND (0.0002)	ND (0.0002)	-	-	-	-	-	-	-	ND (0.00019)	ND (0.0002)	-	-	-	-	-	-	-
N-Methylperfluorooctane sulfonamidoethanol (N-MeFOSE)	NA	ND (0.001)	ND (0.00099)	-	-	-	-	-	-	-	ND (0.00096)	ND (0.00098)	-	-	-	-	-	-	-
Nonafluoro-3,6-dioxaheptanoic acid (NFDHA)	NA	ND (0.0002)	ND (0.0002)	-	-	-	-	-	-	-	ND (0.00019)	ND (0.0002)	-	-	-	-	-	-	-
Perfluoro(2-ethoxyethane) sulphonic acid (PFEESA)	NA	ND (0.0002)	ND (0.0002)	-	-	-	-	-	-	-	ND (0.00019)	ND (0.0002)	-	-	-	-	-	-	-
Perfluoro(4-methoxybutanoic) acid (PFMBA)	NA	ND (0.0002)	ND (0.0002)	-	-	-	-	-	-	-	ND (0.00019)	ND (0.0002)	-	-	-	-	-	-	-
Perfluoro-2-propoxypropanoic acid (PFPrOPrA)(GenX) (HFPO-DA)	NA	ND (0.0002)	ND (0.0002)	-	-	-	-	-	-	-	ND (0.00019)	ND (0.0002)	-	-	-	-	-	-	-
Perfluoro-3-methoxypropanoic acid (PFMPA)	NA	ND (0.0002)	ND (0.0002)	-	-	-	-	-	-	-	ND (0.00019)	ND (0.0002)	-	-	-	-	-	-	-
Perfluorobutanesulfonic acid (PFBS)	NA	ND (0.0002)	ND (0.0002)	-	-	-	-	-	-	-	ND (0.00019)	ND (0.0002)	-	-	-	-	-	-	-
Perfluorobutanoic acid (PFBA)	NA	ND (0.0004)	ND (0.0004)	-	-	-	-	-	-	-	ND (0.00038)	ND (0.00039)	-	-	-	-	-	-	-
Perfluorodecanesulfonic acid (PFDS)	NA	ND (0.0002)	ND (0.0002)	-	-	-	-	-	-	-	ND (0.00019)	ND (0.0002)	-	-	-	-	-	-	-
Perfluorodecanoic acid (PFDA)	NA	0.00085	0.00056	-	-	-	-	-	-	-	0.0005	0.0007	-	-	-	-	-	-	-
Perfluorododecane sulfonic acid (PFDoDS)	NA	ND (0.0002)	ND (0.0002)	-	-	-	-	-	-	-	ND (0.00019)	ND (0.0002)	-	-	-	-	-	-	-
Perfluorododecanoic acid (PFDoDA)	NA	0.00043	0.00039	-	-	-	-	-	-	-	0.00035	0.00051	-	-	-	-	-	-	-
Perfluoroheptanesulfonic acid (PFHpS)	NA	ND (0.0002)	ND (0.0002)	-	-	-	-	-	-	-	ND (0.00019)	ND (0.0002)	-	-	-	-	-	-	-
Perfluoroheptanoic acid (PFHpA)	NA	0.00017 J	0.0001 J	-	-	-	-	-	-	-	0.00016 J	0.0003	-	-	-	-	-	-	-
Perfluorohexanesulfonic acid (PFHxS)	NA	ND (0.0002)	ND (0.0002)	-	-	-	-	-	-	-	ND (0.00019)	ND (0.0002)	-	-	-	-	-	-	-
Perfluorohexanoic acid (PFHxA)	NA	ND (0.0002)	ND (0.0002)	-	-	-	-	-	-	-	ND (0.00019)	0.000098 J	-	-	-	-	-	-	-
Perfluorononane sulfonic acid (PFNS)	NA	ND (0.0002)	ND (0.0002)	-	-	-	-	-	-	-	ND (0.00019)	ND (0.0002)	-	-	-	-	-	-	-
Perfluorononanoic acid (PFNA)	NA	0.00039	0.00022	-	-	-	-	-	-	-	0.00032	0.00037	-	-	-	-	-	-	-
Perfluorooctane sulfonamide (PFOSA)	NA	ND (0.0002)	ND (0.0002)	-	-	-	-	-	-	-	ND (0.00019)	ND (0.0002)	-	-	-	-	-	-	-
Perfluorooctanesulfonic acid (PFOS)	0.44	ND (0.0002)	ND (0.0002)	-	-	-	-	-	-	-	ND (0.00019)	ND (0.0002)	-	-	-	-	-	-	-
Perfluorooctanoic acid (PFOA)	0.5	0.00026	0.00015 J	-	-	-	-	-	-	-	0.00034	0.00049	-	-	-	-	-	-	-
Perfluoropentanesulfonic acid (PFPeS)	NA	ND (0.0002)	ND (0.0002)	-	-	-	-	-	-	-	ND (0.00019)	ND (0.0002)	-	-	-	-	-	-	-
Perfluoropentanoic acid (PFPeA)	NA	ND (0.0002)	ND (0.0002)	-	-	-	-	-	-	-	ND (0.00019)	ND (0.0002)	-	-	-	-	-	-	-
Perfluorotetradecanoic acid (PFTeDA)	NA	0.00015 J	ND (0.0002)	-	-	-	-	-	-	-	0.00019	0.0002	-	-	-	-	-	-	-
Perfluorotridecanoic acid (PFTrDA)	NA	0.00135	0.0006	-	-	-	-	-	-	-	0.00109	0.00101	-	-	-	-	-	-	-
Perfluoroundecanoic acid (PFUnDA)	NA	0.00137	0.00093	-	-	-	-	-	-	-	0.00068	0.00152	-	-	-	-	-	-	-
Pesticides (mg/kg)																			
4,4'-DDD	92	ND (0.0076)	ND (0.0073)	-	-	-	-	-	-	-	ND (0.0078)	ND (0.008)	-	-	-	-	-	-	-
4,4'-DDE	62	ND (0.0076)	ND (0.0073)	-	-	-	-	-	-	-	ND (0.0078)	ND (0.008)	-	-	-	-	-	-	-
4,4'-DDT	47	ND (0.0076)	ND (0.0073)	-	-	-	-	-	-	-	ND (0.0078)	ND (0.008)	-	-	-	-	-	-	-
Aldrin	0.68	ND (0.0076)	ND (0.0073)	-	-	-	-	-	-	-	ND (0.0078)	ND (0.008)	-	-	-	-	-	-	-
alpha-BHC	3.4	ND (0.0023)	ND (0.0022)	-	-	-	-	-	-	-	ND (0.0023)	ND (0.0024)	-	-	-	-	-	-	-
alpha-Chlordane (cis)	24	ND (0.0076)	ND (0.0073)	-	-	-	-	-	-	-	ND (0.0078)	ND (0.008)	-	-	-	-	-	-	-
beta-BHC	3	ND (0.0023)	ND (0.0022)	-	-	-	-	-	-	-	ND (0.0023)	ND (0.0024)	-	-	-	-	-	-	-
Chlordane	NA	ND (0.076)	ND (0.073)	-	-	-	-	-	-	-	ND (0.078)	ND (0.08)	-	-	-	-	-	-	-
delta-BHC	500	ND (0.0023)	ND (0.0022)	-	-	-	-	-	-	-	ND (0.0023)	ND (0.0024)	-	-	-	-	-	-	-
Dieldrin	1.4	ND (0.0023)	ND (0.0022)	-	-	-	-	-	-	-	ND (0.0023)	ND (0.0024)	-	-	-	-	-	-	-
Endosulfan I	200	ND (0.0076)	ND (0.0073)	-	-	-	-	-	-	-	ND (0.0078)	ND (0.008)	-	-	-	-	-	-	-
Endosulfan II	200	ND (0.0076)	ND (0.0073)	-	-	-	-	-	-	-	ND (0.0078)	ND (0.008)	-	-	-	-	-	-	-
Endosulfan sulfate	200	ND (0.0076)	ND (0.0073)	-	-	-	-	-	-	-	ND (0.0078)	ND (0.008)	-	-	-	-	-	-	-
Endrin	89	ND (0.0076)	ND (0.0073)	-	-	-	-	-	-	-	ND (0.0078)	ND (0.008)	-	-	-	-	-	-	-
Endrin aldehyde	NA	ND (0.0076)	ND (0.0073)	-	-	-	-	-	-	-	ND (0.0078)	ND (0.008)	-	-	-	-	-	-	-
Endrin ketone	NA	ND (0.0076)	ND (0.0073)	-	-	-	-	-	-	-	ND (0.0078)	ND (0.008)	-	-	-	-	-	-	-
gamma-BHC (Lindane)	9.2	ND (0.0023)	ND (0.0022)	-	-	-	-	-	-	-	ND (0.0023)	ND (0.0024)	-	-	-	-	-	-	-
Heptachlor	15	ND (0.0076)	ND (0.0073)	-	-	-	-	-	-	-	ND (0.0078)	ND (0.008)	-	-	-	-	-	-	-
Heptachlor epoxide	NA	ND (0.0076)	ND (0.0073)	-	-	-	-	-	-	-	ND (0.0078)	ND (0.008)	-	-	-	-	-	-	-
Methoxychlor	NA	ND (0.0076)	ND (0.0073)	-	-	-	-	-	-	-	ND (0.0078)	ND (0.008)	-	-	-	-	-	-	-
Toxaphene	NA	ND (0.076)	ND (0.073)	-	-	-	-	-	-	-	ND (0.078)	ND (0.08)	-	-	-	-	-	-	-

TABLE 22
SUMMARY OF SOIL QUALITY DATA - BERM 57
FORMER PORT MOBIL TERMINAL
STATEN ISLAND, NEW YORK
FILE NO. 0208998

Location Name	Criteria	57A	57A	57A1	57A1	57A2	57A2	57A3	57A3	57A3	57B	57B	57B1	57B1	57B1	57B2	57B2	57B3	57B3
Sample Name	NY Part 375	57A_0-4	57A_4-8	57A1_1-2	57A1_4-5	57A2_2-3	57A2_6-7	57A3_3-4	57A3_5-6	57A3_7-8	57B_0-4	57B_4-8	57B1_1-2	57B1_4-5	57B1_7-8	57B2_2-3	57B2_5-6	57B3_3-4	57B3_6-7
Sample Date	Commercial	09/29/2025	09/29/2025	09/29/2025	09/29/2025	09/29/2025	09/29/2025	09/29/2025	09/29/2025	09/29/2025	09/29/2025	09/29/2025	09/29/2025	09/29/2025	09/29/2025	09/29/2025	09/29/2025	09/29/2025	09/29/2025
Lab Sample ID	Use	460-335975-13	460-335975-14	460-335975-59	460-335975-62	460-335975-60	460-335975-63	460-335975-61	460-335975-64	460-335975-65	460-335975-15	460-335975-16	460-335975-66	460-335975-69	460-335975-72	460-335975-67	460-335975-70	460-335975-68	460-335975-71
Sample Depth (bgs)	Soil Cleanup Objectives	0 - 4 (ft)	4 - 8 (ft)	1 - 2 (ft)	4 - 5 (ft)	2 - 3 (ft)	6 - 7 (ft)	3 - 4 (ft)	5 - 6 (ft)	7 - 8 (ft)	0 - 4 (ft)	4 - 8 (ft)	1 - 2 (ft)	4 - 5 (ft)	7 - 8 (ft)	2 - 3 (ft)	5 - 6 (ft)	3 - 4 (ft)	6 - 7 (ft)
Polychlorinated Biphenyls (mg/kg)																			
Aroclor-1016 (PCB-1016)	NA	ND (0.076)	ND (0.073)	-	-	-	-	-	-	-	ND (0.078)	ND (0.08)	-	-	-	-	-	-	-
Aroclor-1221 (PCB-1221)	NA	ND (0.076)	ND (0.073)	-	-	-	-	-	-	-	ND (0.078)	ND (0.08)	-	-	-	-	-	-	-
Aroclor-1232 (PCB-1232)	NA	ND (0.076)	ND (0.073)	-	-	-	-	-	-	-	ND (0.078)	ND (0.08)	-	-	-	-	-	-	-
Aroclor-1242 (PCB-1242)	NA	ND (0.076)	ND (0.073)	-	-	-	-	-	-	-	ND (0.078)	ND (0.08)	-	-	-	-	-	-	-
Aroclor-1248 (PCB-1248)	NA	ND (0.076)	ND (0.073)	-	-	-	-	-	-	-	ND (0.078)	ND (0.08)	-	-	-	-	-	-	-
Aroclor-1254 (PCB-1254)	NA	ND (0.076)	ND (0.073)	-	-	-	-	-	-	-	ND (0.078)	ND (0.08)	-	-	-	-	-	-	-
Aroclor-1260 (PCB-1260)	NA	ND (0.076)	ND (0.073)	-	-	-	-	-	-	-	ND (0.078)	ND (0.08)	-	-	-	-	-	-	-
Aroclor-1262 (PCB-1262)	NA	ND (0.076)	ND (0.073)	-	-	-	-	-	-	-	ND (0.078)	ND (0.08)	-	-	-	-	-	-	-
Aroclor-1268 (PCB-1268)	NA	ND (0.076)	ND (0.073)	-	-	-	-	-	-	-	ND (0.078)	ND (0.08)	-	-	-	-	-	-	-
Total PCBs	1	ND (0.076)	ND (0.073)	-	-	-	-	-	-	-	ND (0.078)	ND (0.08)	-	-	-	-	-	-	-
Inorganic Compounds (mg/kg)																			
Aluminum	NA	10600	5580	-	-	-	-	-	-	-	4270	7160	-	-	-	-	-	-	-
Antimony	NA	4.6	1.2	-	-	-	-	-	-	-	1.2	1.9	-	-	-	-	-	-	-
Arsenic	16	12.7	7.4	-	-	-	-	-	-	-	7.3	9.9	-	-	-	-	-	-	-
Barium	400	147	49.1	-	-	-	-	-	-	-	26	63.3	-	-	-	-	-	-	-
Beryllium	590	2.8	1	-	-	-	-	-	-	-	0.58	1	-	-	-	-	-	-	-
Cadmium	9.3	0.75 J	0.16 J	-	-	-	-	-	-	-	0.19 J	0.43 J	-	-	-	-	-	-	-
Calcium	NA	3750	1020	-	-	-	-	-	-	-	574	5710	-	-	-	-	-	-	-
Chromium	NA	108	28.6	-	-	-	-	-	-	-	16	28.5	-	-	-	-	-	-	-
Cobalt	NA	46.8	11.7	-	-	-	-	-	-	-	5.4	12.1	-	-	-	-	-	-	-
Copper	270	462	96.8	-	-	-	-	-	-	-	50.7	97.9	-	-	-	-	-	-	-
Iron	NA	39300	22600	-	-	-	-	-	-	-	16200	23400	-	-	-	-	-	-	-
Lead	1000	769	109	-	-	-	-	-	-	-	80.3	159	-	-	-	-	-	-	-
Magnesium	NA	2150	1240	-	-	-	-	-	-	-	859	3770	-	-	-	-	-	-	-
Manganese	10000	266	298	-	-	-	-	-	-	-	76	143	-	-	-	-	-	-	-
Mercury	2.8	0.026	0.014 J	-	-	-	-	-	-	-	0.016 J	0.013 J	-	-	-	-	-	-	-
Nickel	310	216	43.1	-	-	-	-	-	-	-	20.7	44.3	-	-	-	-	-	-	-
Potassium	NA	1680	1650	-	-	-	-	-	-	-	1130	1770	-	-	-	-	-	-	-
Selenium	1500	1.9	0.65 J	-	-	-	-	-	-	-	0.47 J	0.7 J	-	-	-	-	-	-	-
Silver	1500	0.82	0.16 J	-	-	-	-	-	-	-	0.18 J	0.31 J	-	-	-	-	-	-	-
Sodium	NA	307	80.2 J	-	-	-	-	-	-	-	ND (89.7)	116	-	-	-	-	-	-	-
Thallium	NA	0.069 J	0.045 J	-	-	-	-	-	-	-	0.038 J	0.056 J	-	-	-	-	-	-	-
Vanadium	NA	37.3	22.7	-	-	-	-	-	-	-	20.4	29.2	-	-	-	-	-	-	-
Zinc	10000	1420	281	-	-	-	-	-	-	-	118	423	-	-	-	-	-	-	-

ABBREVIATIONS AND NOTES:

mg/kg: milligram per kilogram

**: LCS or LCSD is outside acceptance limits.*
-: Not Analyzed
B: Compound was found in the blank and the associated sample.
bgs: below ground surface
ft: feet
J: Value is estimated.
NA: Not Applicable
ND (2.5): Not detected, number in parentheses is the laboratory reporting limit

- For test methods used, see the laboratory data sheets.
- Soil analytical results are compared to the New York State Department of Environmental Conservation (NYSDEC) Title 6 of the Official Compilation of New York Codes, Rules, and Regulations (NYCRR) Part 375 Commercial Use Soil Cleanup Objectives (SCO).
- Grey shading indicates an exceedance of the Commercial Use Soil Cleanup Objectives.

TABLE 23
SUMMARY OF SOIL QUALITY DATA - BERM 58
FORMER PORT MOBIL TERMINAL
STATEN ISLAND, NEW YORK
FILE NO. 0208998

	Criteria																		
Location Name	NY Part 375	58A	58A	58A1	58A1	58A2	58A2	58A2	58A3	58A3	58B	58B	58B1	58B1	58B2	58B2	58B2	58B2	58B3
Sample Name	Commercial	58A_0-5	58A_5-10	58A1_1-2	58A1_5-6	58A2_2-3	58A2_6-7	58A2_9-10	58A3_3-4	58A3_7-8	58B_0-5	58B_5-10	58B1_0-1	58B1_4-5	58B2_2-3	58B2_3-4	58B2_5-6	58B2_9-10	58B3_7-8
Sample Date	Use	09/26/2025	09/26/2025	09/26/2025	09/26/2025	09/26/2025	09/26/2025	09/26/2025	09/26/2025	09/26/2025	09/26/2025	09/26/2025	09/26/2025	09/26/2025	09/26/2025	09/26/2025	09/26/2025	09/26/2025	09/26/2025
Lab Sample ID	Soil Cleanup	460-335806-1	460-335806-2	460-335806-21	460-335806-24	460-335806-22	460-335806-25	460-335806-27	460-335806-23	460-335806-26	460-335806-3	460-335806-4	460-335806-28	460-335806-31	460-335806-29	460-335806-30	460-335806-32	460-335806-34	460-335806-33
Sample Depth (bgs)	Objectives	0 - 5 (ft)	5 - 10 (ft)	1 - 2 (ft)	5 - 6 (ft)	2 - 3 (ft)	6 - 7 (ft)	9 - 10 (ft)	3 - 4 (ft)	7 - 8 (ft)	0 - 5 (ft)	5 - 10 (ft)	0 - 1 (ft)	4 - 5 (ft)	2 - 3 (ft)	3 - 4 (ft)	5 - 6 (ft)	9 - 10 (ft)	7 - 8 (ft)
Volatile Organic Compounds (mg/kg)																			
1,1,1-Trichloroethane	500	-	-	ND (0.0015)	ND (0.0011)	ND (0.0017)	ND (0.0022)	ND (0.0011)	ND (0.0014)	ND (0.00096)	-	-	ND (0.0014)	ND (0.0018)	ND (0.0013)	ND (0.0018)	ND (0.0015)	ND (0.0012)	ND (0.0013)
1,1,2,2-Tetrachloroethane	NA	-	-	ND (0.0015)	ND (0.0011)	ND (0.0017)	ND (0.0022)	ND (0.0011)	ND (0.0014)	ND (0.00096)	-	-	ND (0.0014)	ND (0.0018)	ND (0.0013)	ND (0.0018)	ND (0.0015)	ND (0.0012)	ND (0.0013)
1,1,2-Trichloroethane	NA	-	-	ND (0.0015)	ND (0.0011)	ND (0.0017)	ND (0.0022)	ND (0.0011)	ND (0.0014)	ND (0.00096)	-	-	ND (0.0014)	ND (0.0018)	ND (0.0013)	ND (0.0018)	ND (0.0015)	ND (0.0012)	ND (0.0013)
1,1-Dichloroethane	240	-	-	ND (0.0015)	ND (0.0011)	ND (0.0017)	ND (0.0022)	ND (0.0011)	ND (0.0014)	ND (0.00096)	-	-	ND (0.0014)	ND (0.0018)	ND (0.0013)	ND (0.0018)	ND (0.0015)	ND (0.0012)	ND (0.0013)
1,1-Dichloroethene	500	-	-	ND (0.0015)	ND (0.0011)	ND (0.0017)	ND (0.0022)	ND (0.0011)	ND (0.0014)	ND (0.00096)	-	-	ND (0.0014)	ND (0.0018)	ND (0.0013)	ND (0.0018)	ND (0.0015)	ND (0.0012)	ND (0.0013)
1,2,3-Trichlorobenzene	NA	-	-	ND (0.0015)	ND (0.0011)	ND (0.0017)	ND (0.0022)	ND (0.0011)	ND (0.0014)	ND (0.00096)	-	-	ND (0.0014)	ND (0.0018)	ND (0.0013)	ND (0.0018)	ND (0.0015)	ND (0.0012)	ND (0.0013)
1,2,4-Trichlorobenzene	NA	-	-	ND (0.0015)	ND (0.0011)	ND (0.0017)	ND (0.0022)	ND (0.0011)	ND (0.0014)	ND (0.00096)	-	-	ND (0.0014)	ND (0.0018)	ND (0.0013)	ND (0.0018)	ND (0.0015)	ND (0.0012)	ND (0.0013)
1,2,4-Trimethylbenzene	190	-	-	ND (0.0015)	ND (0.0011)	ND (0.0017)	ND (0.0022)	ND (0.0011)	ND (0.0014)	ND (0.00096)	-	-	ND (0.0014)	ND (0.0018)	ND (0.0013)	ND (0.0018)	ND (0.0015)	ND (0.0012)	ND (0.0013)
1,2-Dibromo-3-chloropropane (DBCP)	NA	-	-	ND (0.0015)	ND (0.0011)	ND (0.0017)	ND (0.0022)	ND (0.0011)	ND (0.0014)	ND (0.00096)	-	-	ND (0.0014)	ND (0.0018)	ND (0.0013)	ND (0.0018)	ND (0.0015)	ND (0.0012)	ND (0.0013)
1,2-Dibromoethane (Ethylene Dibromide)	NA	-	-	ND (0.0015)	ND (0.0011)	ND (0.0017)	ND (0.0022)	ND (0.0011)	ND (0.0014)	ND (0.00096)	-	-	ND (0.0014)	ND (0.0018)	ND (0.0013)	ND (0.0018)	ND (0.0015)	ND (0.0012)	ND (0.0013)
1,2-Dichlorobenzene	500	-	-	ND (0.0015)	ND (0.0011)	ND (0.0017)	ND (0.0022)	ND (0.0011)	ND (0.0014)	ND (0.00096)	-	-	ND (0.0014)	ND (0.0018)	ND (0.0013)	ND (0.0018)	ND (0.0015)	ND (0.0012)	ND (0.0013)
1,2-Dichloroethane	30	-	-	ND (0.0015)	ND (0.0011)	ND (0.0017)	ND (0.0022)	ND (0.0011)	ND (0.0014)	ND (0.00096)	-	-	ND (0.0014)	ND (0.0018)	ND (0.0013)	ND (0.0018)	ND (0.0015)	ND (0.0012)	ND (0.0013)
1,2-Dichloropropane	NA	-	-	ND (0.0015)	ND (0.0011)	ND (0.0017)	ND (0.0022)	ND (0.0011)	ND (0.0014)	ND (0.00096)	-	-	ND (0.0014)	ND (0.0018)	ND (0.0013)	ND (0.0018)	ND (0.0015)	ND (0.0012)	ND (0.0013)
1,3,5-Trimethylbenzene	190	-	-	ND (0.0015)	ND (0.0011)	ND (0.0017)	ND (0.0022)	ND (0.0011)	ND (0.0014)	ND (0.00096)	-	-	ND (0.0014)	ND (0.0018)	ND (0.0013)	ND (0.0018)	ND (0.0015)	ND (0.0012)	ND (0.0013)
1,3-Dichlorobenzene	280	-	-	ND (0.0015)	ND (0.0011)	ND (0.0017)	ND (0.0022)	ND (0.0011)	ND (0.0014)	ND (0.00096)	-	-	ND (0.0014)	ND (0.0018)	ND (0.0013)	ND (0.0018)	ND (0.0015)	ND (0.0012)	ND (0.0013)
1,4-Dichlorobenzene	130	-	-	ND (0.0015)	ND (0.0011)	ND (0.0017)	ND (0.0022)	ND (0.0011)	ND (0.0014)	ND (0.00096)	-	-	ND (0.0014)	ND (0.0018)	ND (0.0013)	ND (0.0018)	ND (0.0015)	ND (0.0012)	ND (0.0013)
2-Butanone (Methyl Ethyl Ketone)	500	-	-	ND (0.0073)	ND (0.0056)	ND (0.0084)	ND (0.011)	ND (0.0054)	ND (0.007)	ND (0.0048)	-	-	ND (0.0071)	ND (0.0088)	ND (0.0063)	ND (0.0092)	ND (0.0076)	ND (0.0058)	ND (0.0064)
2-Hexanone (Methyl Butyl Ketone)	NA	-	-	ND (0.0073)	ND (0.0056)	ND (0.0084)	ND (0.011)	ND (0.0054)	ND (0.007)	ND (0.0048)	-	-	ND (0.0071)	ND (0.0088)	ND (0.0063)	ND (0.0092)	ND (0.0076)	ND (0.0058)	ND (0.0064)
2-Phenylbutane (sec-Butylbenzene)	500	-	-	ND (0.0015)	ND (0.0011)	ND (0.0017)	ND (0.0022)	ND (0.0011)	ND (0.0014)	ND (0.00096)	-	-	ND (0.0014)	ND (0.0018)	ND (0.0013)	ND (0.0018)	ND (0.0015)	ND (0.0012)	ND (0.0013)
4-Methyl-2-Pentanone (Methyl Isobutyl Ketone)	NA	-	-	ND (0.0073)	ND (0.0056)	ND (0.0084)	ND (0.011)	ND (0.0054)	ND (0.007)	ND (0.0048)	-	-	ND (0.0071)	ND (0.0088)	ND (0.0063)	ND (0.0092)	ND (0.0076)	ND (0.0058)	ND (0.0064)
Acetone	500	-	-	ND (0.0088)	ND (0.0067)	ND (0.01)	ND (0.013)	ND (0.0065)	ND (0.0084)	ND (0.0058)	-	-	ND (0.0085)	ND (0.011)	ND (0.0076)	ND (0.011)	ND (0.0091)	ND (0.0069)	ND (0.0076)
Benzene	44	-	-	ND (0.0015)	ND (0.0011)	ND (0.0017)	ND (0.0022)	ND (0.0011)	ND (0.0014)	ND (0.00096)	-	-	ND (0.0014)	ND (0.0018)	ND (0.0013)	ND (0.0018)	ND (0.0015)	ND (0.0012)	ND (0.0013)
Bromodichloromethane	NA	-	-	ND (0.0015)	ND (0.0011)	ND (0.0017)	ND (0.0022)	ND (0.0011)	ND (0.0014)	ND (0.00096)	-	-	ND (0.0014)	ND (0.0018)	ND (0.0013)	ND (0.0018)	ND (0.0015)	ND (0.0012)	ND (0.0013)
Bromoform	NA	-	-	ND (0.0015)	ND (0.0011)	ND (0.0017)	ND (0.0022)	ND (0.0011)	ND (0.0014)	ND (0.00096)	-	-	ND (0.0014)	ND (0.0018)	ND (0.0013)	ND (0.0018)	ND (0.0015)	ND (0.0012)	ND (0.0013)
Bromomethane (Methyl Bromide)	NA	-	-	ND (0.0029)	ND (0.0022)	ND (0.0034)	ND (0.0044)	ND (0.0022)	ND (0.0028)	ND (0.0019)	-	-	ND (0.0028)	ND (0.0035)	ND (0.0025)	ND (0.0037)	ND (0.003)	ND (0.0023)	ND (0.0025)
Carbon disulfide	NA	-	-	ND (0.0015)	ND (0.0011)	ND (0.0017)	ND (0.0022)	ND (0.0011)	ND (0.0014)	ND (0.00096)	-	-	ND (0.0014)	ND (0.0018)	ND (0.0013)	ND (0.0018)	ND (0.0015)	ND (0.0012)	ND (0.0013)
Carbon tetrachloride	22	-	-	ND (0.0015)	ND (0.0011)	ND (0.0017)	ND (0.0022)	ND (0.0011)	ND (0.0014)	ND (0.00096)	-	-	ND (0.0014)	ND (0.0018)	ND (0.0013)	ND (0.0018)	ND (0.0015)	ND (0.0012)	ND (0.0013)
Chlorobenzene	500	-	-	ND (0.0015)	ND (0.0011)	ND (0.0017)	ND (0.0022)	ND (0.0011)	ND (0.0014)	ND (0.00096)	-	-	ND (0.0014)	ND (0.0018)	ND (0.0013)	ND (0.0018)	ND (0.0015)	ND (0.0012)	ND (0.0013)
Chlorobromomethane	NA	-	-	ND (0.0015)	ND (0.0011)	ND (0.0017)	ND (0.0022)	ND (0.0011)	ND (0.0014)	ND (0.00096)	-	-	ND (0.0014)	ND (0.0018)	ND (0.0013)	ND (0.0018)	ND (0.0015)	ND (0.0012)	ND (0.0013)
Chloroethane	NA	-	-	ND (0.0015)	ND (0.0011)	ND (0.0017)	ND (0.0022)	ND (0.0011)	ND (0.0014)	ND (0.00096)	-	-	ND (0.0014)	ND (0.0018)	ND (0.0013)	ND (0.0018)	ND (0.0015)	ND (0.0012)	ND (0.0013)
Chloroform (Trichloromethane)	350	-	-	ND (0.0015)	ND (0.0011)	ND (0.0017)	ND (0.0022)	ND (0.0011)	ND (0.0014)	ND (0.00096)	-	-	ND (0.0014)	ND (0.0018)	ND (0.0013)	ND (0.0018)	ND (0.0015)	ND (0.0012)	ND (0.0013)
Chloromethane (Methyl Chloride)	NA	-	-	ND (0.0015)	ND (0.0011)	ND (0.0017)	ND (0.0022)	ND (0.0011)	ND (0.0014)	ND (0.00096)	-	-	ND (0.0014)	ND (0.0018)	ND (0.0013)	ND (0.0018)	ND (0.0015)	ND (0.0012)	ND (0.0013)
cis-1,2-Dichloroethene	500	-	-	ND (0.0015)	ND (0.0011)	ND (0.0017)	ND (0.0022)	ND (0.0011)	ND (0.0014)	ND (0.00096)	-	-	ND (0.0014)	ND (0.0018)	ND (0.0013)	ND (0.0018)	ND (0.0015)	ND (0.0012)	ND (0.0013)
cis-1,3-Dichloropropene	NA	-	-	ND (0.0015)	ND (0.0011)	ND (0.0017)	ND (0.0022)	ND (0.0011)	ND (0.0014)	ND (0.00096)	-	-	ND (0.0014)	ND (0.0018)	ND (0.0013)	ND (0.0018)	ND (0.0015)	ND (0.0012)	ND (0.0013)
Cyclohexane	NA	-	-	ND (0.0015)	ND (0.0011)	ND (0.0017)	ND (0.0022)	ND (0.0011)	ND (0.0014)	ND (0.00096)	-	-	ND (0.0014)	ND (0.0018)	ND (0.0013)	ND (0.0018)	ND (0.0015)	ND (0.0012)	ND (0.0013)
Dibromochloromethane	NA	-	-	ND (0.0015)	ND (0.0011)	ND (0.0017)	ND (0.0022)	ND (0.0011)	ND (0.0014)	ND (0.00096)	-	-	ND (0.0014)	ND (0.0018)	ND (0.0013)	ND (0.0018)	ND (0.0015)	ND (0.0012)	ND (0.0013)
Dichlorodifluoromethane (CFC-12)	NA	-	-	ND (0.0015)	ND (0.0011)	ND (0.0017)	ND (0.0022)	ND (0.0011)	ND (0.0014)	ND (0.00096)	-	-	ND (0.0014)	ND (0.0018)	ND (0.0013)	ND (0.0018)	ND (0.0015)	ND (0.0012)	ND (0.0013)
Ethylbenzene	390	-	-	ND (0.0015)	ND (0.0011)	ND (0.0017)	ND (0.0022)	ND (0.0011)	ND (0.0014)	ND (0.00096)	-	-	ND (0.0014)	ND (0.0018)	ND (0.0013)	ND (0.0018)	ND (0.0015)	ND (0.0012)	ND (0.0013)
Isopropylbenzene (Cumene)	NA	-	-	ND (0.0015)	ND (0.0011)	ND (0.0017)	ND (0.0022)	ND (0.0011)	ND (0.0014)	ND (0.00096)	-	-	ND (0.0014)	ND (0.0018)	ND (0.0013)	ND (0.0018)	ND (0.0015)	ND (0.0012)	ND (0.0013)
m,p-Xylenes	NA	-	-	ND (0.0015)	ND (0.0011)	ND (0.0017)	ND (0.0022)	ND (0.0011)	ND (0.0014)	ND (0.00096)	-	-	ND (0.0014)	ND (0.0018)	ND (0.0013)	ND (0.0018)	ND (0.0015)	ND (0.0012)	ND (0.0013)
Methyl acetate	NA	-	-	ND (0.0073)	ND (0.0056)	ND (0.0084)	ND (0.011)	ND (0.0054)	ND (0.007)	ND (0.0048)	-	-	ND (0.0071)	ND (0.0088)	ND (0.0063)	ND (0.0092)	ND (0.0076)	ND (0.0058)	ND (0.0064)
Methyl Tert Butyl Ether (MTBE)	500	-	-	ND (0.0015)	ND (0.0011)	ND (0.0017)	ND (0.0022)	ND (0.0011)	ND (0.0014)	ND (0.00096)	-	-	ND (0.0014)	ND (0.0018)	ND (0.0013)	ND (0.0018)	ND (0.0015)	ND (0.0012)	ND (0.0013)
Methylcyclohexane	NA	-	-	ND (0.0015)	ND (0.0011)	ND (0.0017)	ND (0.0022)	ND (0.0011)	ND (0.0014)	ND (0.00096)	-	-	ND (0.0014)	ND (0.0018)	ND (0.0013)	ND (0.0018)	ND (0.0015)	ND (0.0012)	ND (0.0013)
Methylene chloride (Dichloromethane)	500	-	-	0.0054	0.0018 J	0.0048	ND (0.0044)	0.0016 J	ND (0.0028)	0.0022	-	-	0.0036	0.0035	0.003	0.0026 J	0.005	0.0025	0.0031
n-Butylbenzene	500	-	-	ND (0.0015)	ND (0.0011)	ND (0.0017)	ND (0.0022)	ND (0.0011)	ND (0.0014)	ND (0.00096)	-	-	ND (0.0014)	ND (0.0018)	ND (0.0013)	ND (0.0018)	ND (0.0015)	ND (0.0012)	ND (0.0013)
n-Propylbenzene	500	-	-	ND (0.0015)	ND (0.0011)	ND (0.0017)	ND (0.0022)	ND (0.0011)	ND (0.0014)	ND (0.00096)	-	-	ND (0.0014)	ND (0.0018)	ND (0.0013)	ND (0.0018)	ND (0.0015)	ND (0.0012)	ND (0.0013)
o-Xylene	NA	-	-	ND (0.0015)	ND (0.0011)	ND (0.0017)	ND (0.0022)	ND (0.0011)	ND (0.0014)	ND (0.00096)	-	-	ND (0.0014)	ND (0.0018)	ND (0.0013)	ND (0.0018)	ND (0.0015)	ND (0.0012)	ND (0.0013)
Styrene	NA	-	-	ND (0.0015)	ND (0.0011)	ND (0.0017)	ND (0.0022)	ND (0.0011)	ND (0.0014)	ND (0.00096)	-	-	ND (0.0014)	ND (0.0018)	ND (0.0013)	ND (0.0018)	ND (0.0015)	ND (0.0012)	ND (0.0013)
tert-Butylbenzene	500	-	-	ND (0.0015)	ND (0.0011)	ND (0.0017)	ND (0.0022)	ND (0.0011)	ND (0.0014)	ND (0.00096)	-	-	ND (0.0014)	ND (0.0018)	ND (0.0013)	ND (0.0018)	ND (0.0015)	ND (0.0012)	ND (0.0013)
Tetrachloroethene	150	-	-	ND (0.0015)	ND (0.0011)	ND (0.0017)	ND (0.0022)	ND (0.0011)	ND (0.0014)	ND (0.00096)	-	-	ND (0.0014)	ND (0.0018)	ND (0.0013)	ND (0.0018)	ND (0.0015)	ND (0.0012)	ND (0.0013)
Toluene	500	-	-	ND (0.0015)	ND (0.0011)	ND (0.0017)	ND (0.0022)	ND (0.0011)	ND (0.0014)	ND (0.00096)	-	-	ND (0.0014)	ND (0.0018)	ND (0.0013)	ND (0.0018)	ND (0.0015)	ND (0.0012)	ND (0.0013)
trans-1,2-Dichloroethene	500	-	-	ND (0.0015)	ND (0.0011)	ND (0.0017)	ND (0.0022)	ND (0.0011)	ND (0.0014)	ND (0.00096)	-	-	ND (0.0014)	ND (0.0018)	ND (0.0013)	ND (0.0018)	ND (0.0015)	ND (0.0012)	ND (0.0013)
trans-1,3-Dichloropropene	NA	-	-	ND (0.0015)	ND (0.0011)	ND (0.0017)	ND (0.0022)	ND (0.0011)	ND (0.0014)	ND (0.00096)	-	-	ND (0.0014)	ND (0.0018)	ND (0.0013)	ND (0.0018)	ND (0.0015)	ND (0.0012)	ND (0.0013)
Trichloroethene	200	-	-	ND (0.0015)	ND (0.0011)	ND (0.0017)	ND (0.0022)	ND (0.0011)	ND (0.0014)	ND (0.00096)	-	-	ND (0.0014)	ND (0.0018)	ND (0.0013)	ND (0.0018)	ND (0.0015)	ND (0.0012)	ND (0.0013)
Trichlorofluoromethane (CFC-11)	NA	-	-	ND (0.0015)	ND (0.0011)	ND (0.0017)	ND (0.0022)	ND (0.0011)	ND (0.0014)	ND (0.00096)	-	-	ND (0.0014)	ND (0.0018)	ND (0.0013)	ND (0.0018)	ND (0.0015)	ND (0.0012)	ND (0.0013)
Trifluorotrichloroethane (Freon 113)	NA	-	-	ND (0.0015)	ND (0.0011)	ND (0.0017)	ND (0.0022)	ND (0.0011)	ND (0.0014)	ND (0.00096)	-	-	ND (0.0014)	ND (0.0018)	ND (0.0013)	ND (0.0018)	ND (0.0015)	ND (0.0012)	ND (0.0013)
Vinyl chloride	13	-	-	ND (0.0015)	ND (0.0011)	ND (0.0017)	ND (0.0022)	ND (0.0011)	ND (0.0014)	ND (0.00096)	-	-	ND (0.0014)	ND (0.0018)	ND (0.0013)	ND (0.0018)	ND (0.0015)	ND (0.0012)	ND (0.0013)
Xylene (Total)	500	-	-	ND (0.0029)	ND (0.0022)	ND (0.0034)	ND (0.0044)	ND (0.0022)	ND (0.0028)	ND (0.0019)	-	-	ND (0.0028)	ND (0.0035)	ND (0.0025)	ND (0.0037)	ND (0.003)	ND (0.0023)	ND (0.0025)

TABLE 23
SUMMARY OF SOIL QUALITY DATA - BERM 58
FORMER PORT MOBIL TERMINAL
STATEN ISLAND, NEW YORK
FILE NO. 0208998

	Criteria																		
Location Name	NY Part 375	58A	58A	58A1	58A1	58A2	58A2	58A2	58A3	58A3	58B	58B	58B1	58B1	58B2	58B2	58B2	58B2	58B3
Sample Name	Commercial	58A_0-5	58A_5-10	58A1_1-2	58A1_5-6	58A2_2-3	58A2_6-7	58A2_9-10	58A3_3-4	58A3_7-8	58B_0-5	58B_5-10	58B1_0-1	58B1_4-5	58B2_2-3	58B2_3-4	58B2_5-6	58B2_9-10	58B3_7-8
Sample Date	Use	09/26/2025	09/26/2025	09/26/2025	09/26/2025	09/26/2025	09/26/2025	09/26/2025	09/26/2025	09/26/2025	09/26/2025	09/26/2025	09/26/2025	09/26/2025	09/26/2025	09/26/2025	09/26/2025	09/26/2025	09/26/2025
Lab Sample ID	Soil Cleanup	460-335806-1	460-335806-2	460-335806-21	460-335806-24	460-335806-22	460-335806-25	460-335806-27	460-335806-23	460-335806-26	460-335806-3	460-335806-4	460-335806-28	460-335806-31	460-335806-29	460-335806-30	460-335806-32	460-335806-34	460-335806-33
Sample Depth (bgs)	Objectives	0 - 5 (ft)	5 - 10 (ft)	1 - 2 (ft)	5 - 6 (ft)	2 - 3 (ft)	6 - 7 (ft)	9 - 10 (ft)	3 - 4 (ft)	7 - 8 (ft)	0 - 5 (ft)	5 - 10 (ft)	0 - 1 (ft)	4 - 5 (ft)	2 - 3 (ft)	3 - 4 (ft)	5 - 6 (ft)	9 - 10 (ft)	7 - 8 (ft)
Semi-Volatile Organic Compounds (mg/kg)																			
1,2,4,5-Tetrachlorobenzene	NA	ND (0.36)	ND (0.37)	-	-	-	-	-	-	-	ND (0.34)	ND (0.35)	-	-	-	-	-	-	-
1,4-Dioxane	130	ND (0.036)	ND (0.037)	-	-	-	-	-	-	-	ND (0.034)	ND (0.035)	-	-	-	-	-	-	-
2,2'-oxybis(1-Chloropropane)	NA	ND (0.36)	ND (0.37)	-	-	-	-	-	-	-	ND (0.34)	ND (0.35)	-	-	-	-	-	-	-
2,3,4,6-Tetrachlorophenol	NA	ND (0.36)	ND (0.37)	-	-	-	-	-	-	-	ND (0.34)	ND (0.35)	-	-	-	-	-	-	-
2,4,5-Trichlorophenol	NA	ND (0.36)	ND (0.37)	-	-	-	-	-	-	-	ND (0.34)	ND (0.35)	-	-	-	-	-	-	-
2,4,6-Trichlorophenol	NA	ND (0.14)	ND (0.15)	-	-	-	-	-	-	-	ND (0.14)	ND (0.14)	-	-	-	-	-	-	-
2,4-Dichlorophenol	NA	ND (0.14)	ND (0.15)	-	-	-	-	-	-	-	ND (0.14)	ND (0.14)	-	-	-	-	-	-	-
2,4-Dimethylphenol	NA	ND (0.36)	ND (0.37)	-	-	-	-	-	-	-	ND (0.34)	ND (0.35)	-	-	-	-	-	-	-
2,4-Dinitrophenol	NA	ND (0.29)	ND (0.29)	-	-	-	-	-	-	-	ND (0.28)	ND (0.28)	-	-	-	-	-	-	-
2,4-Dinitrotoluene	NA	ND (0.072)	ND (0.074)	-	-	-	-	-	-	-	ND (0.07)	ND (0.071)	-	-	-	-	-	-	-
2,6-Dinitrotoluene	NA	ND (0.072)	ND (0.074)	-	-	-	-	-	-	-	ND (0.07)	ND (0.071)	-	-	-	-	-	-	-
2-Chloronaphthalene	NA	ND (0.36)	ND (0.37)	-	-	-	-	-	-	-	ND (0.34)	ND (0.35)	-	-	-	-	-	-	-
2-Chlorophenol	NA	ND (0.36)	ND (0.37)	-	-	-	-	-	-	-	ND (0.34)	ND (0.35)	-	-	-	-	-	-	-
2-Methylnaphthalene	NA	ND (0.36)	ND (0.37)	-	-	-	-	-	-	-	ND (0.34)	ND (0.35)	-	-	-	-	-	-	-
2-Methylphenol (o-Cresol)	500	ND (0.36)	ND (0.37)	-	-	-	-	-	-	-	ND (0.34)	ND (0.35)	-	-	-	-	-	-	-
2-Nitroaniline	NA	ND (0.36)	ND (0.37)	-	-	-	-	-	-	-	ND (0.34)	ND (0.35)	-	-	-	-	-	-	-
2-Nitrophenol	NA	ND (0.36)	ND (0.37)	-	-	-	-	-	-	-	ND (0.34)	ND (0.35)	-	-	-	-	-	-	-
3&4-Methylphenol	NA	ND (0.36)	ND (0.37)	-	-	-	-	-	-	-	ND (0.34)	ND (0.35)	-	-	-	-	-	-	-
3,3'-Dichlorobenzidine	NA	ND (0.14)	ND (0.15)	-	-	-	-	-	-	-	ND (0.14)	ND (0.14)	-	-	-	-	-	-	-
3-Nitroaniline	NA	ND (0.36)	ND (0.37)	-	-	-	-	-	-	-	ND (0.34)	ND (0.35)	-	-	-	-	-	-	-
4,6-Dinitro-2-methylphenol	NA	ND (0.29)	ND (0.29)	-	-	-	-	-	-	-	ND (0.28)	ND (0.28)	-	-	-	-	-	-	-
4-Bromophenyl phenyl ether (BDE-3)	NA	ND (0.36)	ND (0.37)	-	-	-	-	-	-	-	ND (0.34)	ND (0.35)	-	-	-	-	-	-	-
4-Chloro-3-methylphenol	NA	ND (0.36)	ND (0.37)	-	-	-	-	-	-	-	ND (0.34)	ND (0.35)	-	-	-	-	-	-	-
4-Chloroaniline	NA	ND (0.36)	ND (0.37)	-	-	-	-	-	-	-	ND (0.34)	ND (0.35)	-	-	-	-	-	-	-
4-Chlorophenyl phenyl ether	NA	ND (0.36)	ND (0.37)	-	-	-	-	-	-	-	ND (0.34)	ND (0.35)	-	-	-	-	-	-	-
4-Methylphenol	500	ND (0.36)	ND (0.37)	-	-	-	-	-	-	-	ND (0.34)	ND (0.35)	-	-	-	-	-	-	-
4-Nitroaniline	NA	ND (0.36)	ND (0.37)	-	-	-	-	-	-	-	ND (0.34)	ND (0.35)	-	-	-	-	-	-	-
4-Nitrophenol	NA	ND (0.72)	ND (0.74)	-	-	-	-	-	-	-	ND (0.7)	ND (0.71)	-	-	-	-	-	-	-
Acenaphthene	500	ND (0.36)	ND (0.37)	-	-	-	-	-	-	-	ND (0.34)	ND (0.35)	-	-	-	-	-	-	-
Acenaphthylene	500	ND (0.36)	ND (0.37)	-	-	-	-	-	-	-	ND (0.34)	ND (0.35)	-	-	-	-	-	-	-
Acetophenone	NA	ND (0.36)	ND (0.37)	-	-	-	-	-	-	-	ND (0.34)	ND (0.35)	-	-	-	-	-	-	-
Anthracene	500	ND (0.36)	ND (0.37)	-	-	-	-	-	-	-	ND (0.34)	ND (0.35)	-	-	-	-	-	-	-
Atrazine	NA	ND (0.14)	ND (0.15)	-	-	-	-	-	-	-	ND (0.14)	ND (0.14)	-	-	-	-	-	-	-
Benzaldehyde	NA	ND (0.36)	ND (0.37)	-	-	-	-	-	-	-	ND (0.34)	ND (0.35)	-	-	-	-	-	-	-
Benzo(a)anthracene	5.6	ND (0.036)	ND (0.037)	-	-	-	-	-	-	-	ND (0.034)	ND (0.035)	-	-	-	-	-	-	-
Benzo(a)pyrene	1	ND (0.036)	ND (0.037)	-	-	-	-	-	-	-	ND (0.034)	ND (0.035)	-	-	-	-	-	-	-
Benzo(b)fluoranthene	5.6	ND (0.036)	ND (0.037)	-	-	-	-	-	-	-	ND (0.034)	ND (0.035)	-	-	-	-	-	-	-
Benzo(g,h,i)perylene	500	ND (0.36)	ND (0.37)	-	-	-	-	-	-	-	ND (0.34)	ND (0.35)	-	-	-	-	-	-	-
Benzo(k)fluoranthene	56	ND (0.036)	ND (0.037)	-	-	-	-	-	-	-	ND (0.034)	ND (0.035)	-	-	-	-	-	-	-
Biphenyl	NA	ND (0.36)	ND (0.37)	-	-	-	-	-	-	-	ND (0.34)	ND (0.35)	-	-	-	-	-	-	-
bis(2-Chloroethoxy)methane	NA	ND (0.36)	ND (0.37)	-	-	-	-	-	-	-	ND (0.34)	ND (0.35)	-	-	-	-	-	-	-
bis(2-Chloroethyl)ether	NA	ND (0.036)	ND (0.037)	-	-	-	-	-	-	-	ND (0.034)	ND (0.035)	-	-	-	-	-	-	-
bis(2-Ethylhexyl)phthalate	NA	ND (0.36)	ND (0.37)	-	-	-	-	-	-	-	ND (0.34)	ND (0.35)	-	-	-	-	-	-	-
Butyl benzylphthalate (BBP)	NA	ND (0.36)	ND (0.37)	-	-	-	-	-	-	-	ND (0.34)	ND (0.35)	-	-	-	-	-	-	-
Caprolactam	NA	ND (0.36)	ND (0.37)	-	-	-	-	-	-	-	ND (0.34)	ND (0.35)	-	-	-	-	-	-	-
Carbazole	NA	ND (0.36)	ND (0.37)	-	-	-	-	-	-	-	ND (0.34)	ND (0.35)	-	-	-	-	-	-	-
Chrysene	56	ND (0.36)	ND (0.37)	-	-	-	-	-	-	-	ND (0.34)	ND (0.35)	-	-	-	-	-	-	-
Dibenz(a,h)anthracene	0.56	ND (0.036)	ND (0.037)	-	-	-	-	-	-	-	ND (0.034)	ND (0.035)	-	-	-	-	-	-	-
Dibenzofuran	350	ND (0.36)	ND (0.37)	-	-	-	-	-	-	-	ND (0.34)	ND (0.35)	-	-	-	-	-	-	-
Diethyl phthalate	NA	ND (0.36)	ND (0.37)	-	-	-	-	-	-	-	ND (0.34)	ND (0.35)	-	-	-	-	-	-	-
Dimethyl phthalate	NA	ND (0.36)	ND (0.37)	-	-	-	-	-	-	-	ND (0.34)	ND (0.35)	-	-	-	-	-	-	-
Di-n-butylphthalate (DBP)	NA	ND (0.36)	ND (0.37)	-	-	-	-	-	-	-	ND (0.34)	ND (0.35)	-	-	-	-	-	-	-
Di-n-octyl phthalate (DnOP)	NA	ND (0.36)	ND (0.37)	-	-	-	-	-	-	-	ND (0.34)	ND (0.35)	-	-	-	-	-	-	-
Fluoranthene	500	ND (0.36)	ND (0.37)	-	-	-	-	-	-	-	ND (0.34)	ND (0.35)	-	-	-	-	-	-	-
Fluorene	500	ND (0.36)	ND (0.37)	-	-	-	-	-	-	-	ND (0.34)	ND (0.35)	-	-	-	-	-	-	-
Hexachlorobenzene	6	ND (0.036)	ND (0.037)	-	-	-	-	-	-	-	ND (0.034)	ND (0.035)	-	-	-	-	-	-	-
Hexachlorobutadiene	NA	ND (0.072)	ND (0.074)	-	-	-	-	-	-	-	ND (0.07)	ND (0.071)	-	-	-	-	-	-	-
Hexachlorocyclopentadiene	NA	ND (0.36)	ND (0.37)	-	-	-	-	-	-	-	ND (0.34)	ND (0.35)	-	-	-	-	-	-	-
Hexachloroethane	NA	ND (0.036)	ND (0.037)	-	-	-	-	-	-	-	ND (0.034)	ND (0.035)	-	-	-	-	-	-	-
Indeno(1,2,3-cd)pyrene	5.6	ND (0.036)	ND (0.037)	-	-	-	-	-	-	-	ND (0.034)	ND (0.035)	-	-	-	-	-	-	-
Isophorone	NA	ND (0.14)	ND (0.15)	-	-	-	-	-	-	-	ND (0.14)	ND (0.14)	-	-	-	-	-	-	-
Naphthalene	500	ND (0.36)	ND (0.37)	-	-	-	-	-	-	-	ND (0.34)	ND (0.35)	-	-	-	-	-	-	-
Nitrobenzene	NA	ND (0.036)	ND (0.037)	-	-	-	-	-	-	-	ND (0.034)	ND (0.035)	-	-	-	-	-	-	-
N-Nitrosodi-n-propylamine	NA	ND (0.036)	ND (0.037)	-	-	-	-	-	-	-	ND (0.034)	ND (0.035)	-	-	-	-	-	-	-
N-Nitrosodiphenylamine	NA	ND (0.36)	ND (0.37)	-	-	-	-	-	-	-	ND (0.34)	ND (0.35)	-	-	-	-	-	-	-
Pentachlorophenol	6.7	ND (0.29)	ND (0.29)	-	-	-	-	-	-	-	ND (0.28)	ND (0.28)	-	-	-	-	-	-	-
Phenanthrene	500	ND (0.36)	ND (0.37)	-	-	-	-	-	-	-	ND (0.34)	ND (0.35)	-	-	-	-	-	-	-
Phenol	500	ND (0.36)	ND (0.37)	-	-	-	-	-	-	-	ND (0.34)	ND (0.35)	-	-	-	-	-	-	-
Pyrene	500	ND (0.36)	ND (0.37)	-	-	-	-	-	-	-	ND (0.34)	ND (0.35)	-	-	-	-	-	-	-

TABLE 23
SUMMARY OF SOIL QUALITY DATA - BERM 58
FORMER PORT MOBIL TERMINAL
STATEN ISLAND, NEW YORK
FILE NO. 0208998

	Criteria																		
Location Name	NY Part 375	58A	58A	58A1	58A1	58A2	58A2	58A2	58A3	58A3	58B	58B	58B1	58B1	58B2	58B2	58B2	58B2	58B3
Sample Name	Commercial	58A_0-5	58A_5-10	58A1_1-2	58A1_5-6	58A2_2-3	58A2_6-7	58A2_9-10	58A3_3-4	58A3_7-8	58B_0-5	58B_5-10	58B1_0-1	58B1_4-5	58B2_2-3	58B2_3-4	58B2_5-6	58B2_9-10	58B3_7-8
Sample Date	Use	09/26/2025	09/26/2025	09/26/2025	09/26/2025	09/26/2025	09/26/2025	09/26/2025	09/26/2025	09/26/2025	09/26/2025	09/26/2025	09/26/2025	09/26/2025	09/26/2025	09/26/2025	09/26/2025	09/26/2025	09/26/2025
Lab Sample ID	Soil Cleanup	460-335806-1	460-335806-2	460-335806-21	460-335806-24	460-335806-22	460-335806-25	460-335806-27	460-335806-23	460-335806-26	460-335806-3	460-335806-4	460-335806-28	460-335806-31	460-335806-29	460-335806-30	460-335806-32	460-335806-34	460-335806-33
Sample Depth (bgs)	Objectives	0 - 5 (ft)	5 - 10 (ft)	1 - 2 (ft)	5 - 6 (ft)	2 - 3 (ft)	6 - 7 (ft)	9 - 10 (ft)	3 - 4 (ft)	7 - 8 (ft)	0 - 5 (ft)	5 - 10 (ft)	0 - 1 (ft)	4 - 5 (ft)	2 - 3 (ft)	3 - 4 (ft)	5 - 6 (ft)	9 - 10 (ft)	7 - 8 (ft)
PFAS (mg/kg)																			
11-Chloroeicosafluoro-3-Oxaundecane-1-Sulfonic Acid (11Cl-PF3OUdS)	NA	ND (0.0002) *	ND (0.0002) *	-	-	-	-	-	-	-	ND (0.00019) *	ND (0.00019) *	-	-	-	-	-	-	-
2H,2H,3H,3H-Perfluorooctanoic acid (5:3 FTCA)	NA	ND (0.00099)	ND (0.001)	-	-	-	-	-	-	-	ND (0.00095)	ND (0.00096)	-	-	-	-	-	-	-
3-(Perfluoroheptyl)propanoic acid (7:3 FTCA)	NA	ND (0.00099)	ND (0.001)	-	-	-	-	-	-	-	ND (0.00095)	ND (0.00096)	-	-	-	-	-	-	-
3:3 Fluorotelomer carboxylic acid (3:3 FTCA)	NA	ND (0.0004)	ND (0.0004)	-	-	-	-	-	-	-	ND (0.00038)	ND (0.00038)	-	-	-	-	-	-	-
4,8-Dioxa-3H-Perfluorononanoic Acid (ADONA)	NA	ND (0.0002)	ND (0.0002)	-	-	-	-	-	-	-	ND (0.00019)	ND (0.00019)	-	-	-	-	-	-	-
4:2 Fluorotelomer sulfonic acid (4:2 FTS)	NA	ND (0.0004)	ND (0.0004)	-	-	-	-	-	-	-	ND (0.00038)	ND (0.00038)	-	-	-	-	-	-	-
6:2 Fluorotelomer sulfonic acid (6:2 FTS)	NA	ND (0.0004)	ND (0.0004)	-	-	-	-	-	-	-	ND (0.00038)	ND (0.00038)	-	-	-	-	-	-	-
8:2 Fluorotelomer sulfonic acid (8:2 FTS)	NA	ND (0.0004)	ND (0.0004)	-	-	-	-	-	-	-	ND (0.00038)	ND (0.00038)	-	-	-	-	-	-	-
9-Chlorohexadecafluoro-3-Oxanone-1-Sulfonic Acid (9Cl-PF3ONS)	NA	ND (0.0002)	ND (0.0002)	-	-	-	-	-	-	-	ND (0.00019)	ND (0.00019)	-	-	-	-	-	-	-
N-Ethyl Perfluorooctanesulfonamidoacetic Acid (NEtFOSAA)	NA	ND (0.0002)	ND (0.0002)	-	-	-	-	-	-	-	ND (0.00019)	ND (0.00019)	-	-	-	-	-	-	-
N-Ethylperfluorooctane sulfonamide (N-EtFOSA)	NA	ND (0.0002)	ND (0.0002)	-	-	-	-	-	-	-	ND (0.00019)	ND (0.00019)	-	-	-	-	-	-	-
N-Ethylperfluorooctane sulfonamidoethanol (N-EtFOSE)	NA	ND (0.00099)	ND (0.001)	-	-	-	-	-	-	-	ND (0.00095)	ND (0.00096)	-	-	-	-	-	-	-
N-Methyl Perfluorooctanesulfonamidoacetic Acid (NMeFOSAA)	NA	ND (0.0002)	ND (0.0002)	-	-	-	-	-	-	-	ND (0.00019)	ND (0.00019)	-	-	-	-	-	-	-
N-Methylperfluorooctane sulfonamide (N-MeFOSA)	NA	ND (0.0002)	ND (0.0002)	-	-	-	-	-	-	-	ND (0.00019)	ND (0.00019)	-	-	-	-	-	-	-
N-Methylperfluorooctane sulfonamidoethanol (N-MeFOSE)	NA	ND (0.00099)	ND (0.001)	-	-	-	-	-	-	-	ND (0.00095)	ND (0.00096)	-	-	-	-	-	-	-
Nonafluoro-3,6-dioxaheptanoic acid (NFDHA)	NA	ND (0.0002)	ND (0.0002)	-	-	-	-	-	-	-	ND (0.00019)	ND (0.00019)	-	-	-	-	-	-	-
Perfluoro(2-ethoxyethane) sulphonic acid (PFEESA)	NA	ND (0.0002)	ND (0.0002)	-	-	-	-	-	-	-	ND (0.00019)	ND (0.00019)	-	-	-	-	-	-	-
Perfluoro(4-methoxybutanoic) acid (PFMBA)	NA	ND (0.0002)	ND (0.0002)	-	-	-	-	-	-	-	ND (0.00019)	ND (0.00019)	-	-	-	-	-	-	-
Perfluoro-2-propoxypropanoic acid (PFPrOPrA)(GenX) (HFPO-DA)	NA	ND (0.0002)	ND (0.0002)	-	-	-	-	-	-	-	ND (0.00019)	ND (0.00019)	-	-	-	-	-	-	-
Perfluoro-3-methoxypropanoic acid (PFMPA)	NA	ND (0.0002)	ND (0.0002)	-	-	-	-	-	-	-	ND (0.00019)	ND (0.00019)	-	-	-	-	-	-	-
Perfluorobutanesulfonic acid (PFBS)	NA	ND (0.0002)	ND (0.0002)	-	-	-	-	-	-	-	ND (0.00019)	ND (0.00019)	-	-	-	-	-	-	-
Perfluorobutanoic acid (PFBA)	NA	ND (0.0004)	ND (0.0004)	-	-	-	-	-	-	-	ND (0.00038)	ND (0.00038)	-	-	-	-	-	-	-
Perfluorodecanesulfonic acid (PFDS)	NA	ND (0.0002) *	ND (0.0002) *	-	-	-	-	-	-	-	ND (0.00019) *	ND (0.00019) *	-	-	-	-	-	-	-
Perfluorodecanoic acid (PFDA)	NA	0.0002	0.00012 J	-	-	-	-	-	-	-	0.00015 J	0.00012 J	-	-	-	-	-	-	-
Perfluorododecane sulfonic acid (PFDoDS)	NA	ND (0.0002) *	ND (0.0002) *	-	-	-	-	-	-	-	ND (0.00019) *	ND (0.00019) *	-	-	-	-	-	-	-
Perfluorododecanoic acid (PFDoDA)	NA	0.00013 J	0.00025	-	-	-	-	-	-	-	0.0003	0.00028	-	-	-	-	-	-	-
Perfluoroheptanesulfonic acid (PFHpS)	NA	ND (0.0002)	ND (0.0002)	-	-	-	-	-	-	-	ND (0.00019)	ND (0.00019)	-	-	-	-	-	-	-
Perfluoroheptanoic acid (PFHpA)	NA	ND (0.0002)	ND (0.0002)	-	-	-	-	-	-	-	ND (0.00019)	ND (0.00019)	-	-	-	-	-	-	-
Perfluorohexanesulfonic acid (PFHxS)	NA	ND (0.0002)	ND (0.0002)	-	-	-	-	-	-	-	ND (0.00019)	ND (0.00019)	-	-	-	-	-	-	-
Perfluorohexanoic acid (PFHxA)	NA	ND (0.0002)	0.0001 J	-	-	-	-	-	-	-	ND (0.00019)	ND (0.00019)	-	-	-	-	-	-	-
Perfluorononane sulfonic acid (PFNS)	NA	ND (0.0002)	ND (0.0002)	-	-	-	-	-	-	-	ND (0.00019)	ND (0.00019)	-	-	-	-	-	-	-
Perfluorononanoic acid (PFNA)	NA	ND (0.0002)	0.00013 J	-	-	-	-	-	-	-	0.00018 J	0.00018 J	-	-	-	-	-	-	-
Perfluorooctane sulfonamide (PFOSA)	NA	ND (0.0002)	ND (0.0002)	-	-	-	-	-	-	-	ND (0.00019)	ND (0.00019)	-	-	-	-	-	-	-
Perfluorooctanesulfonic acid (PFOS)	0.44	ND (0.0002)	ND (0.0002)	-	-	-	-	-	-	-	ND (0.00019)	ND (0.00019)	-	-	-	-	-	-	-
Perfluorooctanoic acid (PFOA)	0.5	ND (0.0002)	ND (0.0002)	-	-	-	-	-	-	-	ND (0.00019)	ND (0.00019)	-	-	-	-	-	-	-
Perfluoropentanesulfonic acid (PFPeS)	NA	ND (0.0002)	ND (0.0002)	-	-	-	-	-	-	-	ND (0.00019)	ND (0.00019)	-	-	-	-	-	-	-
Perfluoropentanoic acid (PFPeA)	NA	ND (0.0002)	0.00011 J	-	-	-	-	-	-	-	ND (0.00019)	ND (0.00019)	-	-	-	-	-	-	-
Perfluorotetradecanoic acid (PFTeDA)	NA	ND (0.0002)	ND (0.0002)	-	-	-	-	-	-	-	ND (0.00019)	ND (0.00019)	-	-	-	-	-	-	-
Perfluorotridecanoic acid (PFTrDA)	NA	0.00041	0.00183	-	-	-	-	-	-	-	0.00188	0.00173	-	-	-	-	-	-	-
Perfluoroundecanoic acid (PFUnDA)	NA	0.00154	0.0024	-	-	-	-	-	-	-	0.00179	0.00203	-	-	-	-	-	-	-
Pesticides (mg/kg)																			
4,4'-DDD	92	ND (0.0072)	ND (0.0075)	-	-	-	-	-	-	-	ND (0.007)	ND (0.0071)	-	-	-	-	-	-	-
4,4'-DDE	62	ND (0.0072)	ND (0.0075)	-	-	-	-	-	-	-	ND (0.007)	ND (0.0071)	-	-	-	-	-	-	-
4,4'-DDT	47	ND (0.0072)	ND (0.0075)	-	-	-	-	-	-	-	ND (0.007)	ND (0.0071)	-	-	-	-	-	-	-
Aldrin	0.68	ND (0.0072)	ND (0.0075)	-	-	-	-	-	-	-	ND (0.007)	ND (0.0071)	-	-	-	-	-	-	-
alpha-BHC	3.4	ND (0.0022)	ND (0.0022)	-	-	-	-	-	-	-	ND (0.0021)	ND (0.0021)	-	-	-	-	-	-	-
alpha-Chlordane (cis)	24	ND (0.0072)	ND (0.0075)	-	-	-	-	-	-	-	ND (0.007)	ND (0.0071)	-	-	-	-	-	-	-
beta-BHC	3	ND (0.0022)	ND (0.0022)	-	-	-	-	-	-	-	ND (0.0021)	ND (0.0021)	-	-	-	-	-	-	-
Chlordane	NA	ND (0.072)	ND (0.075)	-	-	-	-	-	-	-	ND (0.07)	ND (0.071)	-	-	-	-	-	-	-
delta-BHC	500	ND (0.0022)	ND (0.0022)	-	-	-	-	-	-	-	ND (0.0021)	ND (0.0021)	-	-	-	-	-	-	-
Dieldrin	1.4	ND (0.0022)	ND (0.0022)	-	-	-	-	-	-	-	ND (0.0021)	ND (0.0021)	-	-	-	-	-	-	-
Endosulfan I	200	ND (0.0072)	ND (0.0075)	-	-	-	-	-	-	-	ND (0.007)	ND (0.0071)	-	-	-	-	-	-	-
Endosulfan II	200	ND (0.0072)	ND (0.0075)	-	-	-	-	-	-	-	ND (0.007)	ND (0.0071)	-	-	-	-	-	-	-
Endosulfan sulfate	200	ND (0.0072)	ND (0.0075)	-	-	-	-	-	-	-	ND (0.007)	ND (0.0071)	-	-	-	-	-	-	-
Endrin	89	ND (0.0072)	ND (0.0075)	-	-	-	-	-	-	-	ND (0.007)	ND (0.0071)	-	-	-	-	-	-	-
Endrin aldehyde	NA	ND (0.0072)	ND (0.0075)	-	-	-	-	-	-	-	ND (0.007)	ND (0.0071)	-	-	-	-	-	-	-
Endrin ketone	NA	ND (0.0072)	ND (0.0075)	-	-	-	-	-	-	-	ND (0.007)	ND (0.0071)	-	-	-	-	-	-	-
gamma-BHC (Lindane)	9.2	ND (0.0022)	ND (0.0022)	-	-	-	-	-	-	-	ND (0.0021)	ND (0.0021)	-	-	-	-	-	-	-
Heptachlor	15	ND (0.0072)	ND (0.0075)	-	-	-	-	-	-	-	ND (0.007)	ND (0.0071)	-	-	-	-	-	-	-
Heptachlor epoxide	NA	ND (0.0072)	ND (0.0075)	-	-	-	-	-	-	-	ND (0.007)	ND (0.0071)	-	-	-	-	-	-	-
Methoxychlor	NA	ND (0.0072)	ND (0.0075)	-	-	-	-	-	-	-	ND (0.007)	ND (0.0071)	-	-	-	-	-	-	-
Toxaphene	NA	ND (0.072)	ND (0.075)	-	-	-	-	-	-	-	ND (0.07)	ND (0.071)	-	-	-	-	-	-	-

TABLE 23
SUMMARY OF SOIL QUALITY DATA - BERM 58
FORMER PORT MOBIL TERMINAL
STATEN ISLAND, NEW YORK
FILE NO. 0208998

	Criteria																		
Location Name	NY Part 375	58A	58A	58A1	58A1	58A2	58A2	58A2	58A3	58A3	58B	58B	58B1	58B1	58B2	58B2	58B2	58B2	58B3
Sample Name	Commercial	58A_0-5	58A_5-10	58A1_1-2	58A1_5-6	58A2_2-3	58A2_6-7	58A2_9-10	58A3_3-4	58A3_7-8	58B_0-5	58B_5-10	58B1_0-1	58B1_4-5	58B2_2-3	58B2_3-4	58B2_5-6	58B2_9-10	58B3_7-8
Sample Date	Use	09/26/2025	09/26/2025	09/26/2025	09/26/2025	09/26/2025	09/26/2025	09/26/2025	09/26/2025	09/26/2025	09/26/2025	09/26/2025	09/26/2025	09/26/2025	09/26/2025	09/26/2025	09/26/2025	09/26/2025	09/26/2025
Lab Sample ID	Soil Cleanup	460-335806-1	460-335806-2	460-335806-21	460-335806-24	460-335806-22	460-335806-25	460-335806-27	460-335806-23	460-335806-26	460-335806-3	460-335806-4	460-335806-28	460-335806-31	460-335806-29	460-335806-30	460-335806-32	460-335806-34	460-335806-33
Sample Depth (bgs)	Objectives	0 - 5 (ft)	5 - 10 (ft)	1 - 2 (ft)	5 - 6 (ft)	2 - 3 (ft)	6 - 7 (ft)	9 - 10 (ft)	3 - 4 (ft)	7 - 8 (ft)	0 - 5 (ft)	5 - 10 (ft)	0 - 1 (ft)	4 - 5 (ft)	2 - 3 (ft)	3 - 4 (ft)	5 - 6 (ft)	9 - 10 (ft)	7 - 8 (ft)
Polychlorinated Biphenyls (mg/kg)																			
Aroclor-1016 (PCB-1016)	NA	ND (0.072)	ND (0.075)	-	-	-	-	-	-	-	ND (0.07)	ND (0.071)	-	-	-	-	-	-	-
Aroclor-1221 (PCB-1221)	NA	ND (0.072)	ND (0.075)	-	-	-	-	-	-	-	ND (0.07)	ND (0.071)	-	-	-	-	-	-	-
Aroclor-1232 (PCB-1232)	NA	ND (0.072)	ND (0.075)	-	-	-	-	-	-	-	ND (0.07)	ND (0.071)	-	-	-	-	-	-	-
Aroclor-1242 (PCB-1242)	NA	ND (0.072)	ND (0.075)	-	-	-	-	-	-	-	ND (0.07)	ND (0.071)	-	-	-	-	-	-	-
Aroclor-1248 (PCB-1248)	NA	ND (0.072)	ND (0.075)	-	-	-	-	-	-	-	ND (0.07)	ND (0.071)	-	-	-	-	-	-	-
Aroclor-1254 (PCB-1254)	NA	ND (0.072)	ND (0.075)	-	-	-	-	-	-	-	ND (0.07)	ND (0.071)	-	-	-	-	-	-	-
Aroclor-1260 (PCB-1260)	NA	ND (0.072)	ND (0.075)	-	-	-	-	-	-	-	ND (0.07)	ND (0.071)	-	-	-	-	-	-	-
Aroclor-1262 (PCB-1262)	NA	ND (0.072)	ND (0.075)	-	-	-	-	-	-	-	ND (0.07)	ND (0.071)	-	-	-	-	-	-	-
Aroclor-1268 (PCB-1268)	NA	ND (0.072)	ND (0.075)	-	-	-	-	-	-	-	ND (0.07)	ND (0.071)	-	-	-	-	-	-	-
Total PCBs	1	ND (0.072)	ND (0.075)	-	-	-	-	-	-	-	ND (0.07)	ND (0.071)	-	-	-	-	-	-	-
Inorganic Compounds (mg/kg)																			
Aluminum	NA	9400	10100	-	-	-	-	-	-	-	8500	8910	-	-	-	-	-	-	-
Antimony	NA	0.58 J	0.53 J	-	-	-	-	-	-	-	0.6 J	0.6 J	-	-	-	-	-	-	-
Arsenic	16	7.5	6.4	-	-	-	-	-	-	-	7	7.3	-	-	-	-	-	-	-
Barium	400	54.2	53.8	-	-	-	-	-	-	-	59.3	50.9	-	-	-	-	-	-	-
Beryllium	590	0.7	0.57	-	-	-	-	-	-	-	0.57	0.55	-	-	-	-	-	-	-
Cadmium	9.3	0.46 J	0.28 J	-	-	-	-	-	-	-	0.43 J	0.3 J	-	-	-	-	-	-	-
Calcium	NA	6830	1380	-	-	-	-	-	-	-	8680	2910	-	-	-	-	-	-	-
Chromium	NA	17.9	15.7	-	-	-	-	-	-	-	16.6	15.6	-	-	-	-	-	-	-
Cobalt	NA	6.1	7.5	-	-	-	-	-	-	-	7.2	7	-	-	-	-	-	-	-
Copper	270	55.8	42.7	-	-	-	-	-	-	-	40.7	40	-	-	-	-	-	-	-
Iron	NA	20400	18800	-	-	-	-	-	-	-	19500	18900	-	-	-	-	-	-	-
Lead	1000	54.4	34.4	-	-	-	-	-	-	-	143	104	-	-	-	-	-	-	-
Magnesium	NA	5600	3450	-	-	-	-	-	-	-	6440	3510	-	-	-	-	-	-	-
Manganese	10000	184	263	-	-	-	-	-	-	-	336	268	-	-	-	-	-	-	-
Mercury	2.8	0.04	0.049	-	-	-	-	-	-	-	0.034	0.031	-	-	-	-	-	-	-
Nickel	310	14	15.2	-	-	-	-	-	-	-	14.2	13.3	-	-	-	-	-	-	-
Potassium	NA	879	1060	-	-	-	-	-	-	-	1130	1160	-	-	-	-	-	-	-
Selenium	1500	0.29 J	0.15 J	-	-	-	-	-	-	-	0.25 J	0.21 J	-	-	-	-	-	-	-
Silver	1500	0.45	0.26 J	-	-	-	-	-	-	-	0.41	0.24 J	-	-	-	-	-	-	-
Sodium	NA	103	83.1 J	-	-	-	-	-	-	-	112	98	-	-	-	-	-	-	-
Thallium	NA	0.1 J	0.12 J	-	-	-	-	-	-	-	0.12 J	0.1 J	-	-	-	-	-	-	-
Vanadium	NA	33.1	24.1	-	-	-	-	-	-	-	24.6	25	-	-	-	-	-	-	-
Zinc	10000	67.9	65.9	-	-	-	-	-	-	-	98.7	87.4	-	-	-	-	-	-	-

ABBREVIATIONS AND NOTES:

mg/kg: milligram per kilogram

**: LCS or LCSD is outside acceptance limits.*
-: Not Analyzed
B: Compound was found in the blank and the associated sample.
bgs: below ground surface
ft: feet
J: Value is estimated.
NA: Not Applicable
ND (2.5): Not detected, number in parentheses is the laboratory reporting limit

- For test methods used, see the laboratory data sheets.
- Soil analytical results are compared to the New York State Department of Environmental Conservation (NYSDEC) Title 6 of the Official Compilation of New York Codes, Rules, and Regulations (NYCRR) Part 375 Commercial Use Soil Cleanup Objectives (SCO).
- Grey shading indicates an exceedance of the Commercial Use Soil Cleanup Objectives.

TABLE 23
SUMMARY OF SOIL QUALITY DATA - BERM 58
FORMER PORT MOBIL TERMINAL
STATEN ISLAND, NEW YORK
FILE NO. 0208998

	Criteria																		
Location Name	NY Part 375	58C	58C	58C1	58C1	58C2	58C2	58C3	58C3	58C3	58D	58D	58D1	58D1	58D2	58D2	58D3	58D3	58D3
Sample Name	Commercial	58C_0-5	58C_5-10	58C1_3-4	58C1_7-8	58C2_2-3	58C2_6-7	58C3_1-2	58C3_5-6	58C3_8-9	58D_0-5	58D_5-10	58D1_1-2	58D1_5-6	58D2_2-3	58D2_6-7	58D3_4-5	58D3_8-9	58D3_9-10
Sample Date	Use	09/26/2025	09/26/2025	09/26/2025	09/26/2025	09/26/2025	09/26/2025	09/26/2025	09/26/2025	09/26/2025	09/26/2025	09/26/2025	09/26/2025	09/26/2025	09/26/2025	09/26/2025	09/26/2025	09/26/2025	09/26/2025
Lab Sample ID	Soil Cleanup	460-335806-5	460-335806-6	460-335806-37	460-335806-40	460-335806-36	460-335806-39	460-335806-35	460-335806-38	460-335806-41	460-335806-7	460-335806-8	460-335806-42	460-335806-45	460-335806-43	460-335806-46	460-335806-44	460-335806-47	460-335806-48
Sample Depth (bgs)	Objectives	0 - 5 (ft)	5 - 10 (ft)	3 - 4 (ft)	7 - 8 (ft)	2 - 3 (ft)	6 - 7 (ft)	1 - 2 (ft)	5 - 6 (ft)	8 - 9 (ft)	0 - 5 (ft)	5 - 10 (ft)	1 - 2 (ft)	5 - 6 (ft)	2 - 3 (ft)	6 - 7 (ft)	4 - 5 (ft)	8 - 9 (ft)	9 - 10 (ft)
Volatile Organic Compounds (mg/kg)																			
1,1,1-Trichloroethane	500	-	-	ND (0.0022)	ND (0.00079)	ND (0.00091)	ND (0.0015)	ND (0.0011)	ND (0.0016)	ND (0.00089)	-	-	ND (0.0017)	ND (0.0014)	ND (0.0016)	ND (0.0015)	ND (0.002)	ND (0.0013)	ND (0.0018)
1,1,2,2-Tetrachloroethane	NA	-	-	ND (0.0022)	ND (0.00079)	ND (0.00091)	ND (0.0015)	ND (0.0011)	ND (0.0016)	ND (0.00089)	-	-	ND (0.0017)	ND (0.0014)	ND (0.0016)	ND (0.0015)	ND (0.002)	ND (0.0013)	ND (0.0018)
1,1,2-Trichloroethane	NA	-	-	ND (0.0022)	ND (0.00079)	ND (0.00091)	ND (0.0015)	ND (0.0011)	ND (0.0016)	ND (0.00089)	-	-	ND (0.0017)	ND (0.0014)	ND (0.0016)	ND (0.0015)	ND (0.002)	ND (0.0013)	ND (0.0018)
1,1-Dichloroethane	240	-	-	ND (0.0022)	ND (0.00079)	ND (0.00091)	ND (0.0015)	ND (0.0011)	ND (0.0016)	ND (0.00089)	-	-	ND (0.0017)	ND (0.0014)	ND (0.0016)	ND (0.0015)	ND (0.002)	ND (0.0013)	ND (0.0018)
1,1-Dichloroethene	500	-	-	ND (0.0022)	ND (0.00079)	ND (0.00091)	ND (0.0015)	ND (0.0011)	ND (0.0016)	ND (0.00089)	-	-	ND (0.0017)	ND (0.0014)	ND (0.0016)	ND (0.0015)	ND (0.002)	ND (0.0013)	ND (0.0018)
1,2,3-Trichlorobenzene	NA	-	-	ND (0.0022)	ND (0.00079)	ND (0.00091)	ND (0.0015)	ND (0.0011)	ND (0.0016)	ND (0.00089)	-	-	ND (0.0017)	ND (0.0014)	ND (0.0016)	ND (0.0015)	ND (0.002)	ND (0.0013)	ND (0.0018)
1,2,4-Trichlorobenzene	NA	-	-	ND (0.0022)	ND (0.00079)	ND (0.00091)	ND (0.0015)	ND (0.0011)	ND (0.0016)	ND (0.00089)	-	-	ND (0.0017)	ND (0.0014)	ND (0.0016)	ND (0.0015)	ND (0.002)	ND (0.0013)	ND (0.0018)
1,2,4-Trimethylbenzene	190	-	-	ND (0.0022)	ND (0.00079)	ND (0.00091)	ND (0.0015)	ND (0.0011)	ND (0.0016)	ND (0.00089)	-	-	ND (0.0017)	ND (0.0014)	ND (0.0016)	ND (0.0015)	ND (0.002)	ND (0.0013)	ND (0.0018)
1,2-Dibromo-3-chloropropane (DBCP)	NA	-	-	ND (0.0022)	ND (0.00079)	ND (0.00091)	ND (0.0015)	ND (0.0011)	ND (0.0016)	ND (0.00089)	-	-	ND (0.0017)	ND (0.0014)	ND (0.0016)	ND (0.0015)	ND (0.002)	ND (0.0013)	ND (0.0018)
1,2-Dibromoethane (Ethylene Dibromide)	NA	-	-	ND (0.0022)	ND (0.00079)	ND (0.00091)	ND (0.0015)	ND (0.0011)	ND (0.0016)	ND (0.00089)	-	-	ND (0.0017)	ND (0.0014)	ND (0.0016)	ND (0.0015)	ND (0.002)	ND (0.0013)	ND (0.0018)
1,2-Dichlorobenzene	500	-	-	ND (0.0022)	ND (0.00079)	ND (0.00091)	ND (0.0015)	ND (0.0011)	ND (0.0016)	ND (0.00089)	-	-	ND (0.0017)	ND (0.0014)	ND (0.0016)	ND (0.0015)	ND (0.002)	ND (0.0013)	ND (0.0018)
1,2-Dichloroethane	30	-	-	ND (0.0022)	ND (0.00079)	ND (0.00091)	ND (0.0015)	ND (0.0011)	ND (0.0016)	ND (0.00089)	-	-	ND (0.0017)	ND (0.0014)	ND (0.0016)	ND (0.0015)	ND (0.002)	ND (0.0013)	ND (0.0018)
1,2-Dichloropropane	NA	-	-	ND (0.0022)	ND (0.00079)	ND (0.00091)	ND (0.0015)	ND (0.0011)	ND (0.0016)	ND (0.00089)	-	-	ND (0.0017)	ND (0.0014)	ND (0.0016)	ND (0.0015)	ND (0.002)	ND (0.0013)	ND (0.0018)
1,3,5-Trimethylbenzene	190	-	-	ND (0.0022)	ND (0.00079)	ND (0.00091)	ND (0.0015)	ND (0.0011)	ND (0.0016)	ND (0.00089)	-	-	ND (0.0017)	ND (0.0014)	ND (0.0016)	ND (0.0015)	ND (0.002)	ND (0.0013)	ND (0.0018)
1,3-Dichlorobenzene	280	-	-	ND (0.0022)	ND (0.00079)	ND (0.00091)	ND (0.0015)	ND (0.0011)	ND (0.0016)	ND (0.00089)	-	-	ND (0.0017)	ND (0.0014)	ND (0.0016)	ND (0.0015)	ND (0.002)	ND (0.0013)	ND (0.0018)
1,4-Dichlorobenzene	130	-	-	ND (0.0022)	ND (0.00079)	ND (0.00091)	ND (0.0015)	ND (0.0011)	ND (0.0016)	ND (0.00089)	-	-	ND (0.0017)	ND (0.0014)	ND (0.0016)	ND (0.0015)	ND (0.002)	ND (0.0013)	ND (0.0018)
2-Butanone (Methyl Ethyl Ketone)	500	-	-	ND (0.011)	ND (0.004)	ND (0.0045)	ND (0.0074)	ND (0.0053)	ND (0.0081)	ND (0.0044)	-	-	ND (0.0083)	ND (0.0069)	ND (0.0078)	ND (0.0075)	ND (0.01)	ND (0.0063)	ND (0.0091)
2-Hexanone (Methyl Butyl Ketone)	NA	-	-	ND (0.011)	ND (0.004)	ND (0.0045)	ND (0.0074)	ND (0.0053)	ND (0.0081)	ND (0.0044)	-	-	ND (0.0083)	ND (0.0069)	ND (0.0078)	ND (0.0075)	ND (0.01)	ND (0.0063)	ND (0.0091)
2-Phenylbutane (sec-Butylbenzene)	500	-	-	ND (0.0022)	ND (0.00079)	ND (0.00091)	ND (0.0015)	ND (0.0011)	ND (0.0016)	ND (0.00089)	-	-	ND (0.0017)	ND (0.0014)	ND (0.0016)	ND (0.0015)	ND (0.002)	ND (0.0013)	ND (0.0018)
4-Methyl-2-Pentanone (Methyl Isobutyl Ketone)	NA	-	-	ND (0.011)	ND (0.004)	ND (0.0045)	ND (0.0074)	ND (0.0053)	ND (0.0081)	ND (0.0044)	-	-	ND (0.0083)	ND (0.0069)	ND (0.0078)	ND (0.0075)	ND (0.01)	ND (0.0063)	ND (0.0091)
Acetone	500	-	-	ND (0.013)	ND (0.0047)	0.0055	ND (0.0089)	ND (0.0063)	ND (0.0097)	ND (0.0053)	-	-	ND (0.0099)	ND (0.0083)	ND (0.0094)	ND (0.0089)	ND (0.012)	ND (0.0075)	ND (0.011)
Benzene	44	-	-	ND (0.0022)	ND (0.00079)	ND (0.00091)	ND (0.0015)	ND (0.0011)	ND (0.0016)	ND (0.00089)	-	-	ND (0.0017)	ND (0.0014)	ND (0.0016)	ND (0.0015)	ND (0.002)	ND (0.0013)	ND (0.0018)
Bromodichloromethane	NA	-	-	ND (0.0022)	ND (0.00079)	ND (0.00091)	ND (0.0015)	ND (0.0011)	ND (0.0016)	ND (0.00089)	-	-	ND (0.0017)	ND (0.0014)	ND (0.0016)	ND (0.0015)	ND (0.002)	ND (0.0013)	ND (0.0018)
Bromoform	NA	-	-	ND (0.0022) *	ND (0.00079) *	ND (0.00091) *	ND (0.0015) *	ND (0.0011)	ND (0.0016) *	ND (0.00089) *	-	-	ND (0.0017) *	ND (0.0014) *	ND (0.0016) *	ND (0.0015) *	ND (0.002) *	ND (0.0013) *	ND (0.0018) *
Bromomethane (Methyl Bromide)	NA	-	-	ND (0.0043)	ND (0.0016)	ND (0.0018)	ND (0.003)	ND (0.0021)	ND (0.0032)	ND (0.0018)	-	-	ND (0.0033)	ND (0.0028)	ND (0.0031)	ND (0.003)	ND (0.0041)	ND (0.0025)	ND (0.0036)
Carbon disulfide	NA	-	-	ND (0.0022)	ND (0.00079)	ND (0.00091)	ND (0.0015)	ND (0.0011)	ND (0.0016)	ND (0.00089)	-	-	ND (0.0017)	ND (0.0014)	ND (0.0016)	ND (0.0015)	ND (0.002)	ND (0.0013)	ND (0.0018)
Carbon tetrachloride	22	-	-	ND (0.0022)	ND (0.00079)	ND (0.00091)	ND (0.0015)	ND (0.0011)	ND (0.0016)	ND (0.00089)	-	-	ND (0.0017)	ND (0.0014)	ND (0.0016)	ND (0.0015)	ND (0.002)	ND (0.0013)	ND (0.0018)
Chlorobenzene	500	-	-	ND (0.0022)	ND (0.00079)	ND (0.00091)	ND (0.0015)	ND (0.0011)	ND (0.0016)	ND (0.00089)	-	-	ND (0.0017)	ND (0.0014)	ND (0.0016)	ND (0.0015)	ND (0.002)	ND (0.0013)	ND (0.0018)
Chlorobromomethane	NA	-	-	ND (0.0022)	ND (0.00079)	ND (0.00091)	ND (0.0015)	ND (0.0011)	ND (0.0016)	ND (0.00089)	-	-	ND (0.0017)	ND (0.0014)	ND (0.0016)	ND (0.0015)	ND (0.002)	ND (0.0013)	ND (0.0018)
Chloroethane	NA	-	-	ND (0.0022)	ND (0.00079)	ND (0.00091)	ND (0.0015)	ND (0.0011)	ND (0.0016)	ND (0.00089)	-	-	ND (0.0017)	ND (0.0014)	ND (0.0016)	ND (0.0015)	ND (0.002)	ND (0.0013)	ND (0.0018)
Chloroform (Trichloromethane)	350	-	-	ND (0.0022)	ND (0.00079)	ND (0.00091)	ND (0.0015)	ND (0.0011)	ND (0.0016)	ND (0.00089)	-	-	ND (0.0017)	ND (0.0014)	ND (0.0016)	ND (0.0015)	ND (0.002)	ND (0.0013)	ND (0.0018)
Chloromethane (Methyl Chloride)	NA	-	-	ND (0.0022)	ND (0.00079)	ND (0.00091)	ND (0.0015)	ND (0.0011)	ND (0.0016)	ND (0.00089)	-	-	ND (0.0017)	ND (0.0014)	ND (0.0016)	ND (0.0015)	ND (0.002)	ND (0.0013)	ND (0.0018)
cis-1,2-Dichloroethene	500	-	-	ND (0.0022)	ND (0.00079)	ND (0.00091)	ND (0.0015)	ND (0.0011)	ND (0.0016)	ND (0.00089)	-	-	ND (0.0017)	ND (0.0014)	ND (0.0016)	ND (0.0015)	ND (0.002)	ND (0.0013)	ND (0.0018)
cis-1,3-Dichloropropene	NA	-	-	ND (0.0022)	ND (0.00079)	ND (0.00091)	ND (0.0015)	ND (0.0011)	ND (0.0016)	ND (0.00089)	-	-	ND (0.0017)	ND (0.0014)	ND (0.0016)	ND (0.0015)	ND (0.002)	ND (0.0013)	ND (0.0018)
Cyclohexane	NA	-	-	ND (0.0022)	ND (0.00079)	ND (0.00091)	ND (0.0015)	ND (0.0011)	ND (0.0016)	ND (0.00089)	-	-	ND (0.0017)	ND (0.0014)	ND (0.0016)	ND (0.0015)	ND (0.002)	ND (0.0013)	ND (0.0018)
Dibromochloromethane	NA	-	-	ND (0.0022) *	ND (0.00079) *	ND (0.00091) *	ND (0.0015) *	ND (0.0011)	ND (0.0016) *	ND (0.00089) *	-	-	ND (0.0017) *	ND (0.0014) *	ND (0.0016) *	ND (0.0015) *	ND (0.002) *	ND (0.0013) *	ND (0.0018) *
Dichlorodifluoromethane (CFC-12)	NA	-	-	ND (0.0022)	ND (0.00079)	ND (0.00091)	ND (0.0015)	ND (0.0011)	ND (0.0016)	ND (0.00089)	-	-	ND (0.0017)	ND (0.0014)	ND (0.0016)	ND (0.0015)	ND (0.002)	ND (0.0013)	ND (0.0018)
Ethylbenzene	390	-	-	ND (0.0022)	ND (0.00079)	ND (0.00091)	ND (0.0015)	ND (0.0011)	ND (0.0016)	ND (0.00089)	-	-	ND (0.0017)	ND (0.0014)	ND (0.0016)	ND (0.0015)	ND (0.002)	ND (0.0013)	ND (0.0018)
Isopropylbenzene (Cumene)	NA	-	-	ND (0.0022)	ND (0.00079)	ND (0.00091)	ND (0.0015)	ND (0.0011)	ND (0.0016)	ND (0.00089)	-	-	ND (0.0017)	ND (0.0014)	ND (0.0016)	ND (0.0015)	ND (0.002)	ND (0.0013)	ND (0.0018)
m,p-Xylenes	NA	-	-	ND (0.0022)	ND (0.00079)	ND (0.00091)	ND (0.0015)	ND (0.0011)	ND (0.0016)	ND (0.00089)	-	-	ND (0.0017)	ND (0.0014)	ND (0.0016)	ND (0.0015)	ND (0.002)	ND (0.0013)	ND (0.0018)
Methyl acetate	NA	-	-	ND (0.011) *	ND (0.004) *	ND (0.0045) *	ND (0.0074) *	ND (0.0053)	ND (0.0081) *	ND (0.0044) *	-	-	ND (0.0083) *	ND (0.0069) *	ND (0.0078) *	ND (0.0075) *	ND (0.01) *	ND (0.0063) *	ND (0.0091) *
Methyl Tert Butyl Ether (MTBE)	500	-	-	ND (0.0022)	ND (0.00079)	ND (0.00091)	ND (0.0015)	ND (0.0011)	ND (0.0016)	ND (0.00089)	-	-	ND (0.0017)	ND (0.0014)	ND (0.0016)	ND (0.0015)	ND (0.002)	ND (0.0013)	ND (0.0018)
Methylcyclohexane	NA	-	-	ND (0.0022)	ND (0.00079)	ND (0.00091)	ND (0.0015)	ND (0.0011)	ND (0.0016)	ND (0.00089)	-	-	ND (0.0017)	ND (0.0014)	ND (0.0016)	ND (0.0015)	ND (0.002)	ND (0.0013)	ND (0.0018)
Methylene chloride (Dichloromethane)	500	-	-	0.0037 J	ND (0.0016)	ND (0.0018)	ND (0.003)	0.0012 J	ND (0.0032)	ND (0.0018)	-	-	0.0035	0.0034	ND (0.0031)	0.0043	0.0054	0.004	0.0028 J
n-Butylbenzene	500	-	-	ND (0.0022)	ND (0.00079)	ND (0.00091)	ND (0.0015)	ND (0.0011)	ND (0.0016)	ND (0.00089)	-	-	ND (0.0017)	ND (0.0014)	ND (0.0016)	ND (0.0015)	ND (0.002)	ND (0.0013)	ND (0.0018)
n-Propylbenzene	500	-	-	ND (0.0022)	ND (0.00079)	ND (0.00091)	ND (0.0015)	ND (0.0011)	ND (0.0016)	ND (0.00089)	-	-	ND (0.0017)	ND (0.0014)	ND (0.0016)	ND (0.0015)	ND (0.002)	ND (0.0013)	ND (0.0018)
o-Xylene	NA	-	-	ND (0.0022)	ND (0.00079)	ND (0.00091)	ND (0.0015)	ND (0.0011)	ND (0.0016)	ND (0.00089)	-	-	ND (0.0017)	ND (0.0014)	ND (0.0016)	ND (0.0015)	ND (0.002)	ND (0.0013)	ND (0.0018)
Styrene	NA	-	-	ND (0.0022)	ND (0.00079)	ND (0.00091)	ND (0.0015)	ND (0.0011)	ND (0.0016)	ND (0.00089)	-	-	ND (0.0017)	ND (0.0014)	ND (0.0016)	ND (0.0015)	ND (0.002)	ND (0.0013)	ND (0.0018)
tert-Butylbenzene	500	-	-	ND (0.0022)	ND (0.00079)	ND (0.00091)	ND (0.0015)	ND (0.0011)	ND (0.0016)	ND (0.00089)	-	-	ND (0.0017)	ND (0.0014)	ND (0.0016)	ND (0.0015)	ND (0.002)	ND (0.0013)	ND (0.0018)
Tetrachloroethene	150	-	-	ND (0.0022)	ND (0.00079)	ND (0.00091)	ND (0.0015)	ND (0.0011)	ND (0.0016)	ND (0.00089)	-	-	ND (0.0017)	ND (0.0014)	ND (0.0016)	ND (0.0015)	ND (0.002)	ND (0.0013)	ND (0.0018)
Toluene	500	-	-	ND (0.0022)	ND (0.00079)	ND (0.00091)	ND (0.0015)	ND (0.0011)	ND (0.0016)	ND (0.00089)	-	-	ND (0.0017)	ND (0.0014)	ND (0.0016)	ND (0.0015)	ND (0.002)	ND (0.0013)	ND (0.0018)
trans-1,2-Dichloroethene	500	-	-	ND (0.0022)	ND (0.00079)	ND (0.00091)	ND (0.0015)	ND (0.0011)	ND (0.0016)	ND (0.00089)	-	-	ND (0.0017)	ND (0.0014)	ND (0.0016)	ND (0.0015)	ND (0.002)	ND (0.0013)	ND (0.0018)
trans-1,3-Dichloropropene	NA	-	-	ND (0.0022)	ND (0.00079)	ND (0.00091)	ND (0.0015)	ND (0.0011)	ND (0.0016)	ND (0.00089)	-	-	ND (0.0017)	ND (0.0014)	ND (0.0016)	ND (0.0015)	ND (0.002)	ND (0.0013)	ND (0.0018)
Trichloroethene	200	-	-	ND (0.0022)	ND (0.00079)	ND (0.00091)	ND (0.0015)	ND (0.0011)	ND (0.0016)	ND (0.00089)	-	-	ND (0.0017)	ND (0.0014)	ND (0.0016)	ND (0.0015)	ND (0.002)	ND (0.0013)	ND (0.0018)
Trichlorofluoromethane (CFC-11)	NA	-	-	ND (0.0022)	ND (0.00079)	ND (0.00091)	ND (0.0015)	ND (0.0011)	ND (0.0016)	ND (0.00089)	-	-	ND (0.0017)	ND (0.0014)	ND (0.0016)	ND (0.0015)	ND (0.002)	ND (0.0013)	ND (0.0018)
Trifluorotrichloroethane (Freon 113)	NA	-	-	ND (0.0022)	ND (0.00079)	ND (0.00091)	ND (0.0015)	ND (0.0011)	ND (0.0016)	ND (0.00089)	-	-	ND (0.0017)	ND (0.0014)	ND (0.0016)	ND (0.0015)	ND (0.002)	ND (0.0013)	ND (0.0018)
Vinyl chloride	13	-	-	ND (0.0022)	ND (0.00079)	ND (0.00091)	ND (0.0015)	ND (0.0011)	ND (0.0016)	ND (0.00089)	-	-	ND (0.0017)	ND (0.0014)	ND (0.0016)	ND (0.0015)	ND (0.002)	ND (0.0013)	ND (0.0018)
Xylene (Total)	500	-	-	ND (0.0043)	ND (0.0016)	ND (0.0018)	ND (0.003)	ND (0.0021)	ND (0.0032)	ND (0.0018)	-	-	ND (0.0033)	ND (0.0028)	ND (0.0031)	ND (0.003)	ND (0.0041)	ND (0.0025)	ND (0.0036)

TABLE 23
SUMMARY OF SOIL QUALITY DATA - BERM 58
FORMER PORT MOBIL TERMINAL
STATEN ISLAND, NEW YORK
FILE NO. 0208998

	Criteria																		
Location Name	NY Part 375	58C	58C	58C1	58C1	58C2	58C2	58C3	58C3	58C3	58D	58D	58D1	58D1	58D2	58D2	58D3	58D3	58D3
Sample Name	Commercial	58C_0-5	58C_5-10	58C1_3-4	58C1_7-8	58C2_2-3	58C2_6-7	58C3_1-2	58C3_5-6	58C3_8-9	58D_0-5	58D_5-10	58D1_1-2	58D1_5-6	58D2_2-3	58D2_6-7	58D3_4-5	58D3_8-9	58D3_9-10
Sample Date	Use	09/26/2025	09/26/2025	09/26/2025	09/26/2025	09/26/2025	09/26/2025	09/26/2025	09/26/2025	09/26/2025	09/26/2025	09/26/2025	09/26/2025	09/26/2025	09/26/2025	09/26/2025	09/26/2025	09/26/2025	09/26/2025
Lab Sample ID	Soil Cleanup	460-335806-5	460-335806-6	460-335806-37	460-335806-40	460-335806-36	460-335806-39	460-335806-35	460-335806-38	460-335806-41	460-335806-7	460-335806-8	460-335806-42	460-335806-45	460-335806-43	460-335806-46	460-335806-44	460-335806-47	460-335806-48
Sample Depth (bgs)	Objectives	0 - 5 (ft)	5 - 10 (ft)	3 - 4 (ft)	7 - 8 (ft)	2 - 3 (ft)	6 - 7 (ft)	1 - 2 (ft)	5 - 6 (ft)	8 - 9 (ft)	0 - 5 (ft)	5 - 10 (ft)	1 - 2 (ft)	5 - 6 (ft)	2 - 3 (ft)	6 - 7 (ft)	4 - 5 (ft)	8 - 9 (ft)	9 - 10 (ft)
Semi-Volatile Organic Compounds (mg/kg)																			
1,2,4,5-Tetrachlorobenzene	NA	ND (0.37)	ND (0.38)	-	-	-	-	-	-	-	ND (0.34)	ND (0.34)	-	-	-	-	-	-	-
1,4-Dioxane	130	ND (0.037)	ND (0.038)	-	-	-	-	-	-	-	ND (0.034)	ND (0.034)	-	-	-	-	-	-	-
2,2'-oxybis(1-Chloropropane)	NA	ND (0.37)	ND (0.38)	-	-	-	-	-	-	-	ND (0.34)	ND (0.34)	-	-	-	-	-	-	-
2,3,4,6-Tetrachlorophenol	NA	ND (0.37)	ND (0.38)	-	-	-	-	-	-	-	ND (0.34)	ND (0.34)	-	-	-	-	-	-	-
2,4,5-Trichlorophenol	NA	ND (0.37)	ND (0.38)	-	-	-	-	-	-	-	ND (0.34)	ND (0.34)	-	-	-	-	-	-	-
2,4,6-Trichlorophenol	NA	ND (0.15)	ND (0.15)	-	-	-	-	-	-	-	ND (0.14)	ND (0.14)	-	-	-	-	-	-	-
2,4-Dichlorophenol	NA	ND (0.15)	ND (0.15)	-	-	-	-	-	-	-	ND (0.14)	ND (0.14)	-	-	-	-	-	-	-
2,4-Dimethylphenol	NA	ND (0.37)	ND (0.38)	-	-	-	-	-	-	-	ND (0.34)	ND (0.34)	-	-	-	-	-	-	-
2,4-Dinitrophenol	NA	ND (0.29)	ND (0.31)	-	-	-	-	-	-	-	ND (0.27)	ND (0.28)	-	-	-	-	-	-	-
2,4-Dinitrotoluene	NA	ND (0.074)	ND (0.077)	-	-	-	-	-	-	-	ND (0.068)	ND (0.07)	-	-	-	-	-	-	-
2,6-Dinitrotoluene	NA	ND (0.074)	ND (0.077)	-	-	-	-	-	-	-	ND (0.068)	ND (0.07)	-	-	-	-	-	-	-
2-Chloronaphthalene	NA	ND (0.37)	ND (0.38)	-	-	-	-	-	-	-	ND (0.34)	ND (0.34)	-	-	-	-	-	-	-
2-Chlorophenol	NA	ND (0.37)	ND (0.38)	-	-	-	-	-	-	-	ND (0.34)	ND (0.34)	-	-	-	-	-	-	-
2-Methylnaphthalene	NA	ND (0.37)	ND (0.38)	-	-	-	-	-	-	-	ND (0.34)	ND (0.34)	-	-	-	-	-	-	-
2-Methylphenol (o-Cresol)	500	ND (0.37)	ND (0.38)	-	-	-	-	-	-	-	ND (0.34)	ND (0.34)	-	-	-	-	-	-	-
2-Nitroaniline	NA	ND (0.37)	ND (0.38)	-	-	-	-	-	-	-	ND (0.34)	ND (0.34)	-	-	-	-	-	-	-
2-Nitrophenol	NA	ND (0.37)	ND (0.38)	-	-	-	-	-	-	-	ND (0.34)	ND (0.34)	-	-	-	-	-	-	-
3&4-Methylphenol	NA	ND (0.37)	ND (0.38)	-	-	-	-	-	-	-	ND (0.34)	ND (0.34)	-	-	-	-	-	-	-
3,3'-Dichlorobenzidine	NA	ND (0.15)	ND (0.15)	-	-	-	-	-	-	-	ND (0.14)	ND (0.14)	-	-	-	-	-	-	-
3-Nitroaniline	NA	ND (0.37)	ND (0.38)	-	-	-	-	-	-	-	ND (0.34)	ND (0.34)	-	-	-	-	-	-	-
4,6-Dinitro-2-methylphenol	NA	ND (0.29)	ND (0.31)	-	-	-	-	-	-	-	ND (0.27)	ND (0.28)	-	-	-	-	-	-	-
4-Bromophenyl phenyl ether (BDE-3)	NA	ND (0.37)	ND (0.38)	-	-	-	-	-	-	-	ND (0.34)	ND (0.34)	-	-	-	-	-	-	-
4-Chloro-3-methylphenol	NA	ND (0.37)	ND (0.38)	-	-	-	-	-	-	-	ND (0.34)	ND (0.34)	-	-	-	-	-	-	-
4-Chloroaniline	NA	ND (0.37)	ND (0.38)	-	-	-	-	-	-	-	ND (0.34)	ND (0.34)	-	-	-	-	-	-	-
4-Chlorophenyl phenyl ether	NA	ND (0.37)	ND (0.38)	-	-	-	-	-	-	-	ND (0.34)	ND (0.34)	-	-	-	-	-	-	-
4-Methylphenol	500	ND (0.37)	ND (0.38)	-	-	-	-	-	-	-	ND (0.34)	ND (0.34)	-	-	-	-	-	-	-
4-Nitroaniline	NA	ND (0.37)	ND (0.38)	-	-	-	-	-	-	-	ND (0.34)	ND (0.34)	-	-	-	-	-	-	-
4-Nitrophenol	NA	ND (0.74)	ND (0.77)	-	-	-	-	-	-	-	ND (0.68)	ND (0.7)	-	-	-	-	-	-	-
Acenaphthene	500	ND (0.37)	ND (0.38)	-	-	-	-	-	-	-	ND (0.34)	ND (0.34)	-	-	-	-	-	-	-
Acenaphthylene	500	ND (0.37)	ND (0.38)	-	-	-	-	-	-	-	ND (0.34)	ND (0.34)	-	-	-	-	-	-	-
Acetophenone	NA	ND (0.37)	ND (0.38)	-	-	-	-	-	-	-	ND (0.34)	ND (0.34)	-	-	-	-	-	-	-
Anthracene	500	ND (0.37)	ND (0.38)	-	-	-	-	-	-	-	ND (0.34)	ND (0.34)	-	-	-	-	-	-	-
Atrazine	NA	ND (0.15)	ND (0.15)	-	-	-	-	-	-	-	ND (0.14)	ND (0.14)	-	-	-	-	-	-	-
Benzaldehyde	NA	ND (0.37)	ND (0.38)	-	-	-	-	-	-	-	ND (0.34)	ND (0.34)	-	-	-	-	-	-	-
Benzo(a)anthracene	5.6	ND (0.037)	ND (0.038)	-	-	-	-	-	-	-	ND (0.034)	ND (0.034)	-	-	-	-	-	-	-
Benzo(a)pyrene	1	ND (0.037)	ND (0.038)	-	-	-	-	-	-	-	ND (0.034)	ND (0.034)	-	-	-	-	-	-	-
Benzo(b)fluoranthene	5.6	ND (0.037)	ND (0.038)	-	-	-	-	-	-	-	0.01 J	0.0095 J	-	-	-	-	-	-	-
Benzo(g,h,i)perylene	500	ND (0.37)	ND (0.38)	-	-	-	-	-	-	-	ND (0.34)	ND (0.34)	-	-	-	-	-	-	-
Benzo(k)fluoranthene	56	ND (0.037)	ND (0.038)	-	-	-	-	-	-	-	ND (0.034)	ND (0.034)	-	-	-	-	-	-	-
Biphenyl	NA	ND (0.37)	ND (0.38)	-	-	-	-	-	-	-	ND (0.34)	ND (0.34)	-	-	-	-	-	-	-
bis(2-Chloroethoxy)methane	NA	ND (0.37)	ND (0.38)	-	-	-	-	-	-	-	ND (0.34)	ND (0.34)	-	-	-	-	-	-	-
bis(2-Chloroethyl)ether	NA	ND (0.037)	ND (0.038)	-	-	-	-	-	-	-	ND (0.034)	ND (0.034)	-	-	-	-	-	-	-
bis(2-Ethylhexyl)phthalate	NA	ND (0.37)	ND (0.38)	-	-	-	-	-	-	-	ND (0.34)	ND (0.34)	-	-	-	-	-	-	-
Butyl benzylphthalate (BBP)	NA	ND (0.37)	ND (0.38)	-	-	-	-	-	-	-	ND (0.34)	ND (0.34)	-	-	-	-	-	-	-
Caprolactam	NA	ND (0.37)	ND (0.38)	-	-	-	-	-	-	-	ND (0.34)	ND (0.34)	-	-	-	-	-	-	-
Carbazole	NA	ND (0.37)	ND (0.38)	-	-	-	-	-	-	-	ND (0.34)	ND (0.34)	-	-	-	-	-	-	-
Chrysene	56	ND (0.37)	ND (0.38)	-	-	-	-	-	-	-	ND (0.34)	ND (0.34)	-	-	-	-	-	-	-
Dibenz(a,h)anthracene	0.56	ND (0.037)	ND (0.038)	-	-	-	-	-	-	-	ND (0.034)	ND (0.034)	-	-	-	-	-	-	-
Dibenzofuran	350	ND (0.37)	ND (0.38)	-	-	-	-	-	-	-	ND (0.34)	ND (0.34)	-	-	-	-	-	-	-
Diethyl phthalate	NA	ND (0.37)	ND (0.38)	-	-	-	-	-	-	-	ND (0.34)	ND (0.34)	-	-	-	-	-	-	-
Dimethyl phthalate	NA	ND (0.37)	ND (0.38)	-	-	-	-	-	-	-	ND (0.34)	ND (0.34)	-	-	-	-	-	-	-
Di-n-butylphthalate (DBP)	NA	ND (0.37)	ND (0.38)	-	-	-	-	-	-	-	ND (0.34)	ND (0.34)	-	-	-	-	-	-	-
Di-n-octyl phthalate (DnOP)	NA	ND (0.37)	ND (0.38)	-	-	-	-	-	-	-	ND (0.34)	ND (0.34)	-	-	-	-	-	-	-
Fluoranthene	500	ND (0.37)	ND (0.38)	-	-	-	-	-	-	-	ND (0.34)	0.016 J	-	-	-	-	-	-	-
Fluorene	500	ND (0.37)	ND (0.38)	-	-	-	-	-	-	-	ND (0.34)	ND (0.34)	-	-	-	-	-	-	-
Hexachlorobenzene	6	ND (0.037)	ND (0.038)	-	-	-	-	-	-	-	ND (0.034)	ND (0.034)	-	-	-	-	-	-	-
Hexachlorobutadiene	NA	ND (0.074)	ND (0.077)	-	-	-	-	-	-	-	ND (0.068)	ND (0.07)	-	-	-	-	-	-	-
Hexachlorocyclopentadiene	NA	ND (0.37)	ND (0.38)	-	-	-	-	-	-	-	ND (0.34)	ND (0.34)	-	-	-	-	-	-	-
Hexachloroethane	NA	ND (0.037)	ND (0.038)	-	-	-	-	-	-	-	ND (0.034)	ND (0.034)	-	-	-	-	-	-	-
Indeno(1,2,3-cd)pyrene	5.6	ND (0.037)	ND (0.038)	-	-	-	-	-	-	-	ND (0.034)	ND (0.034)	-	-	-	-	-	-	-
Isophorone	NA	ND (0.15)	ND (0.15)	-	-	-	-	-	-	-	ND (0.14)	ND (0.14)	-	-	-	-	-	-	-
Naphthalene	500	ND (0.37)	ND (0.38)	-	-	-	-	-	-	-	ND (0.34)	ND (0.34)	-	-	-	-	-	-	-
Nitrobenzene	NA	ND (0.037)	ND (0.038)	-	-	-	-	-	-	-	ND (0.034)	ND (0.034)	-	-	-	-	-	-	-
N-Nitrosodi-n-propylamine	NA	ND (0.037)	ND (0.038)	-	-	-	-	-	-	-	ND (0.034)	ND (0.034)	-	-	-	-	-	-	-
N-Nitrosodiphenylamine	NA	ND (0.37)	ND (0.38)	-	-	-	-	-	-	-	ND (0.34)	ND (0.34)	-	-	-	-	-	-	-
Pentachlorophenol	6.7	ND (0.29)	ND (0.31)	-	-	-	-	-	-	-	ND (0.27)	ND (0.28)	-	-	-	-	-	-	-
Phenanthrene	500	ND (0.37)	ND (0.38)	-	-	-	-	-	-	-	ND (0.34)	0.014 J	-	-	-	-	-	-	-
Phenol	500	ND (0.37)	ND (0.38)	-	-	-	-	-	-	-	ND (0.34)	ND (0.34)	-	-	-	-	-	-	-
Pyrene	500	ND (0.37)	ND (0.38)	-	-	-	-	-	-	-	0.013 J	0.015 J	-	-	-	-	-	-	-

TABLE 23
SUMMARY OF SOIL QUALITY DATA - BERM 58
FORMER PORT MOBIL TERMINAL
STATEN ISLAND, NEW YORK
FILE NO. 0208998

	Criteria																		
Location Name	NY Part 375	58C	58C	58C1	58C1	58C2	58C2	58C3	58C3	58C3	58D	58D	58D1	58D1	58D2	58D2	58D3	58D3	58D3
Sample Name	Commercial	58C_0-5	58C_5-10	58C1_3-4	58C1_7-8	58C2_2-3	58C2_6-7	58C3_1-2	58C3_5-6	58C3_8-9	58D_0-5	58D_5-10	58D1_1-2	58D1_5-6	58D2_2-3	58D2_6-7	58D3_4-5	58D3_8-9	58D3_9-10
Sample Date	Use	09/26/2025	09/26/2025	09/26/2025	09/26/2025	09/26/2025	09/26/2025	09/26/2025	09/26/2025	09/26/2025	09/26/2025	09/26/2025	09/26/2025	09/26/2025	09/26/2025	09/26/2025	09/26/2025	09/26/2025	09/26/2025
Lab Sample ID	Soil Cleanup	460-335806-5	460-335806-6	460-335806-37	460-335806-40	460-335806-36	460-335806-39	460-335806-35	460-335806-38	460-335806-41	460-335806-7	460-335806-8	460-335806-42	460-335806-45	460-335806-43	460-335806-46	460-335806-44	460-335806-47	460-335806-48
Sample Depth (bgs)	Objectives	0 - 5 (ft)	5 - 10 (ft)	3 - 4 (ft)	7 - 8 (ft)	2 - 3 (ft)	6 - 7 (ft)	1 - 2 (ft)	5 - 6 (ft)	8 - 9 (ft)	0 - 5 (ft)	5 - 10 (ft)	1 - 2 (ft)	5 - 6 (ft)	2 - 3 (ft)	6 - 7 (ft)	4 - 5 (ft)	8 - 9 (ft)	9 - 10 (ft)
PFAS (mg/kg)																			
11-Chloroeicosafluoro-3-Oxaundecane-1-Sulfonic Acid (11Cl-PF3OUdS)	NA	ND (0.0002) *	ND (0.0002) *	-	-	-	-	-	-	-	ND (0.00019) *	ND (0.0002) *	-	-	-	-	-	-	-
2H,2H,3H,3H-Perfluorooctanoic acid (5:3 FTCA)	NA	ND (0.001)	ND (0.001)	-	-	-	-	-	-	-	ND (0.00095)	ND (0.001)	-	-	-	-	-	-	-
3-(Perfluoroheptyl)propanoic acid (7:3 FTCA)	NA	ND (0.001)	ND (0.001)	-	-	-	-	-	-	-	ND (0.00095)	ND (0.001)	-	-	-	-	-	-	-
3:3 Fluorotelomer carboxylic acid (3:3 FTCA)	NA	ND (0.0004)	ND (0.0004)	-	-	-	-	-	-	-	ND (0.00038)	ND (0.0004)	-	-	-	-	-	-	-
4,8-Dioxa-3H-Perfluorononanoic Acid (ADONA)	NA	ND (0.0002)	ND (0.0002)	-	-	-	-	-	-	-	ND (0.00019)	ND (0.0002)	-	-	-	-	-	-	-
4:2 Fluorotelomer sulfonic acid (4:2 FTS)	NA	ND (0.0004)	ND (0.0004)	-	-	-	-	-	-	-	ND (0.00038)	ND (0.0004)	-	-	-	-	-	-	-
6:2 Fluorotelomer sulfonic acid (6:2 FTS)	NA	ND (0.0004)	ND (0.0004)	-	-	-	-	-	-	-	ND (0.00038)	ND (0.0004)	-	-	-	-	-	-	-
8:2 Fluorotelomer sulfonic acid (8:2 FTS)	NA	ND (0.0004)	ND (0.0004)	-	-	-	-	-	-	-	0.00037 J	0.00021 J	-	-	-	-	-	-	-
9-Chlorohexadecafluoro-3-Oxanone-1-Sulfonic Acid (9Cl-PF3ONS)	NA	ND (0.0002)	ND (0.0002)	-	-	-	-	-	-	-	ND (0.00019)	ND (0.0002)	-	-	-	-	-	-	-
N-Ethyl Perfluorooctanesulfonamidoacetic Acid (NEtFOSAA)	NA	ND (0.0002)	ND (0.0002)	-	-	-	-	-	-	-	ND (0.00019)	ND (0.0002)	-	-	-	-	-	-	-
N-Ethylperfluorooctane sulfonamide (N-EtFOSA)	NA	ND (0.0002)	ND (0.0002)	-	-	-	-	-	-	-	ND (0.00019)	ND (0.0002)	-	-	-	-	-	-	-
N-Ethylperfluorooctane sulfonamidoethanol (N-EtFOSE)	NA	ND (0.001)	ND (0.001)	-	-	-	-	-	-	-	ND (0.00095)	ND (0.001)	-	-	-	-	-	-	-
N-Methyl Perfluorooctanesulfonamidoacetic Acid (NMeFOSAA)	NA	ND (0.0002)	ND (0.0002)	-	-	-	-	-	-	-	ND (0.00019)	ND (0.0002)	-	-	-	-	-	-	-
N-Methylperfluorooctane sulfonamide (N-MeFOSA)	NA	ND (0.0002)	ND (0.0002)	-	-	-	-	-	-	-	ND (0.00019)	ND (0.0002)	-	-	-	-	-	-	-
N-Methylperfluorooctane sulfonamidoethanol (N-MeFOSE)	NA	ND (0.001)	ND (0.001)	-	-	-	-	-	-	-	ND (0.00095)	ND (0.001)	-	-	-	-	-	-	-
Nonafluoro-3,6-dioxaheptanoic acid (NFDHA)	NA	ND (0.0002)	ND (0.0002)	-	-	-	-	-	-	-	ND (0.00019)	ND (0.0002)	-	-	-	-	-	-	-
Perfluoro(2-ethoxyethane) sulphonic acid (PFEESA)	NA	ND (0.0002)	ND (0.0002)	-	-	-	-	-	-	-	ND (0.00019)	ND (0.0002)	-	-	-	-	-	-	-
Perfluoro(4-methoxybutanoic) acid (PFMBA)	NA	ND (0.0002)	ND (0.0002)	-	-	-	-	-	-	-	ND (0.00019)	ND (0.0002)	-	-	-	-	-	-	-
Perfluoro-2-propoxypropanoic acid (PFPrOPrA)(GenX) (HFPO-DA)	NA	ND (0.0002)	ND (0.0002)	-	-	-	-	-	-	-	ND (0.00019)	ND (0.0002)	-	-	-	-	-	-	-
Perfluoro-3-methoxypropanoic acid (PFMPA)	NA	ND (0.0002)	ND (0.0002)	-	-	-	-	-	-	-	ND (0.00019)	ND (0.0002)	-	-	-	-	-	-	-
Perfluorobutanesulfonic acid (PFBS)	NA	ND (0.0002)	ND (0.0002)	-	-	-	-	-	-	-	ND (0.00019)	ND (0.0002)	-	-	-	-	-	-	-
Perfluorobutanoic acid (PFBA)	NA	ND (0.0004)	ND (0.0004)	-	-	-	-	-	-	-	0.00022 J	ND (0.0004)	-	-	-	-	-	-	-
Perfluorodecanesulfonic acid (PFDS)	NA	ND (0.0002) *	ND (0.0002) *	-	-	-	-	-	-	-	ND (0.00019) *	ND (0.0002) *	-	-	-	-	-	-	-
Perfluorodecanoic acid (PFDA)	NA	0.00017 J	0.00041	-	-	-	-	-	-	-	0.00048	0.00017 J	-	-	-	-	-	-	-
Perfluorododecane sulfonic acid (PFDoDS)	NA	ND (0.0002) *	ND (0.0002) *	-	-	-	-	-	-	-	ND (0.00019) *	ND (0.0002) *	-	-	-	-	-	-	-
Perfluorododecanoic acid (PFDoDA)	NA	0.00058	0.00036	-	-	-	-	-	-	-	0.00072	0.0003	-	-	-	-	-	-	-
Perfluoroheptanesulfonic acid (PFHpS)	NA	ND (0.0002)	ND (0.0002)	-	-	-	-	-	-	-	ND (0.00019)	ND (0.0002)	-	-	-	-	-	-	-
Perfluoroheptanoic acid (PFHpA)	NA	ND (0.0002)	ND (0.0002)	-	-	-	-	-	-	-	0.00034	0.00025	-	-	-	-	-	-	-
Perfluorohexanesulfonic acid (PFHxS)	NA	ND (0.0002)	ND (0.0002)	-	-	-	-	-	-	-	ND (0.00019)	ND (0.0002)	-	-	-	-	-	-	-
Perfluorohexanoic acid (PFHxA)	NA	ND (0.0002)	ND (0.0002)	-	-	-	-	-	-	-	0.00028	0.00022	-	-	-	-	-	-	-
Perfluorononane sulfonic acid (PFNS)	NA	ND (0.0002)	ND (0.0002)	-	-	-	-	-	-	-	ND (0.00019)	ND (0.0002)	-	-	-	-	-	-	-
Perfluorononanoic acid (PFNA)	NA	0.00024	0.00033	-	-	-	-	-	-	-	0.00082	0.00046	-	-	-	-	-	-	-
Perfluorooctane sulfonamide (PFOSA)	NA	ND (0.0002)	ND (0.0002)	-	-	-	-	-	-	-	ND (0.00019)	ND (0.0002)	-	-	-	-	-	-	-
Perfluorooctanesulfonic acid (PFOS)	0.44	ND (0.0002)	ND (0.0002)	-	-	-	-	-	-	-	ND (0.00019)	ND (0.0002)	-	-	-	-	-	-	-
Perfluorooctanoic acid (PFOA)	0.5	0.000068 J	0.000092 J	-	-	-	-	-	-	-	0.00036	0.00024	-	-	-	-	-	-	-
Perfluoropentanesulfonic acid (PFPeS)	NA	ND (0.0002)	ND (0.0002)	-	-	-	-	-	-	-	ND (0.00019)	ND (0.0002)	-	-	-	-	-	-	-
Perfluoropentanoic acid (PFPeA)	NA	ND (0.0002)	ND (0.0002)	-	-	-	-	-	-	-	0.00037	0.00021	-	-	-	-	-	-	-
Perfluorotetradecanoic acid (PFTeDA)	NA	0.00014 J	0.00011 J	-	-	-	-	-	-	-	0.00021	0.0001 J	-	-	-	-	-	-	-
Perfluorotridecanoic acid (PFTrDA)	NA	0.00327	0.00177	-	-	-	-	-	-	-	0.00359	0.00204	-	-	-	-	-	-	-
Perfluoroundecanoic acid (PFUnDA)	NA	0.00185	0.00231	-	-	-	-	-	-	-	0.00491	0.00104	-	-	-	-	-	-	-
Pesticides (mg/kg)																			
4,4'-DDD	92	ND (0.0075)	ND (0.0077)	-	-	-	-	-	-	-	ND (0.0069)	ND (0.007)	-	-	-	-	-	-	-
4,4'-DDE	62	ND (0.0075)	ND (0.0077)	-	-	-	-	-	-	-	ND (0.0069)	ND (0.007)	-	-	-	-	-	-	-
4,4'-DDT	47	ND (0.0075)	ND (0.0077)	-	-	-	-	-	-	-	ND (0.0069)	ND (0.007)	-	-	-	-	-	-	-
Aldrin	0.68	ND (0.0075)	ND (0.0077)	-	-	-	-	-	-	-	ND (0.0069)	ND (0.007)	-	-	-	-	-	-	-
alpha-BHC	3.4	ND (0.0022)	ND (0.0023)	-	-	-	-	-	-	-	ND (0.0021)	ND (0.0021)	-	-	-	-	-	-	-
alpha-Chlordane (cis)	24	ND (0.0075)	ND (0.0077)	-	-	-	-	-	-	-	ND (0.0069)	ND (0.007)	-	-	-	-	-	-	-
beta-BHC	3	ND (0.0022)	ND (0.0023)	-	-	-	-	-	-	-	ND (0.0021)	ND (0.0021)	-	-	-	-	-	-	-
Chlordane	NA	ND (0.075)	ND (0.077)	-	-	-	-	-	-	-	ND (0.069)	ND (0.07)	-	-	-	-	-	-	-
delta-BHC	500	ND (0.0022)	ND (0.0023)	-	-	-	-	-	-	-	ND (0.0021)	ND (0.0021)	-	-	-	-	-	-	-
Dieldrin	1.4	ND (0.0022)	ND (0.0023)	-	-	-	-	-	-	-	ND (0.0021)	ND (0.0021)	-	-	-	-	-	-	-
Endosulfan I	200	ND (0.0075)	ND (0.0077)	-	-	-	-	-	-	-	ND (0.0069)	ND (0.007)	-	-	-	-	-	-	-
Endosulfan II	200	ND (0.0075)	ND (0.0077)	-	-	-	-	-	-	-	ND (0.0069)	ND (0.007)	-	-	-	-	-	-	-
Endosulfan sulfate	200	ND (0.0075)	ND (0.0077)	-	-	-	-	-	-	-	ND (0.0069)	ND (0.007)	-	-	-	-	-	-	-
Endrin	89	ND (0.0075)	ND (0.0077)	-	-	-	-	-	-	-	ND (0.0069)	ND (0.007)	-	-	-	-	-	-	-
Endrin aldehyde	NA	ND (0.0075)	ND (0.0077)	-	-	-	-	-	-	-	ND (0.0069)	ND (0.007)	-	-	-	-	-	-	-
Endrin ketone	NA	ND (0.0075)	ND (0.0077)	-	-	-	-	-	-	-	ND (0.0069)	ND (0.007)	-	-	-	-	-	-	-
gamma-BHC (Lindane)	9.2	ND (0.0022)	ND (0.0023)	-	-	-	-	-	-	-	ND (0.0021)	ND (0.0021)	-	-	-	-	-	-	-
Heptachlor	15	ND (0.0075)	ND (0.0077)	-	-	-	-	-	-	-	ND (0.0069)	ND (0.007)	-	-	-	-	-	-	-
Heptachlor epoxide	NA	ND (0.0075)	ND (0.0077)	-	-	-	-	-	-	-	ND (0.0069)	ND (0.007)	-	-	-	-	-	-	-
Methoxychlor	NA	ND (0.0075)	ND (0.0077)	-	-	-	-	-	-	-	ND (0.0069)	ND (0.007)	-	-	-	-	-	-	-
Toxaphene	NA	ND (0.075)	ND (0.077)	-	-	-	-	-	-	-	ND (0.069)	ND (0.07)	-	-	-	-	-	-	-

TABLE 23
SUMMARY OF SOIL QUALITY DATA - BERM 58
FORMER PORT MOBIL TERMINAL
STATEN ISLAND, NEW YORK
FILE NO. 0208998

	Criteria																		
Location Name	NY Part 375	58C	58C	58C1	58C1	58C2	58C2	58C3	58C3	58C3	58D	58D	58D1	58D1	58D2	58D2	58D3	58D3	58D3
Sample Name	Commercial	58C_0-5	58C_5-10	58C1_3-4	58C1_7-8	58C2_2-3	58C2_6-7	58C3_1-2	58C3_5-6	58C3_8-9	58D_0-5	58D_5-10	58D1_1-2	58D1_5-6	58D2_2-3	58D2_6-7	58D3_4-5	58D3_8-9	58D3_9-10
Sample Date	Use	09/26/2025	09/26/2025	09/26/2025	09/26/2025	09/26/2025	09/26/2025	09/26/2025	09/26/2025	09/26/2025	09/26/2025	09/26/2025	09/26/2025	09/26/2025	09/26/2025	09/26/2025	09/26/2025	09/26/2025	09/26/2025
Lab Sample ID	Soil Cleanup	460-335806-5	460-335806-6	460-335806-37	460-335806-40	460-335806-36	460-335806-39	460-335806-35	460-335806-38	460-335806-41	460-335806-7	460-335806-8	460-335806-42	460-335806-45	460-335806-43	460-335806-46	460-335806-44	460-335806-47	460-335806-48
Sample Depth (bgs)	Objectives	0 - 5 (ft)	5 - 10 (ft)	3 - 4 (ft)	7 - 8 (ft)	2 - 3 (ft)	6 - 7 (ft)	1 - 2 (ft)	5 - 6 (ft)	8 - 9 (ft)	0 - 5 (ft)	5 - 10 (ft)	1 - 2 (ft)	5 - 6 (ft)	2 - 3 (ft)	6 - 7 (ft)	4 - 5 (ft)	8 - 9 (ft)	9 - 10 (ft)
Polychlorinated Biphenyls (mg/kg)																			
Aroclor-1016 (PCB-1016)	NA	ND (0.075)	ND (0.077)	-	-	-	-	-	-	-	ND (0.069)	ND (0.07)	-	-	-	-	-	-	-
Aroclor-1221 (PCB-1221)	NA	ND (0.075)	ND (0.077)	-	-	-	-	-	-	-	ND (0.069)	ND (0.07)	-	-	-	-	-	-	-
Aroclor-1232 (PCB-1232)	NA	ND (0.075)	ND (0.077)	-	-	-	-	-	-	-	ND (0.069)	ND (0.07)	-	-	-	-	-	-	-
Aroclor-1242 (PCB-1242)	NA	ND (0.075)	ND (0.077)	-	-	-	-	-	-	-	ND (0.069)	ND (0.07)	-	-	-	-	-	-	-
Aroclor-1248 (PCB-1248)	NA	ND (0.075)	ND (0.077)	-	-	-	-	-	-	-	ND (0.069)	ND (0.07)	-	-	-	-	-	-	-
Aroclor-1254 (PCB-1254)	NA	ND (0.075)	ND (0.077)	-	-	-	-	-	-	-	ND (0.069)	ND (0.07)	-	-	-	-	-	-	-
Aroclor-1260 (PCB-1260)	NA	ND (0.075)	ND (0.077)	-	-	-	-	-	-	-	ND (0.069)	ND (0.07)	-	-	-	-	-	-	-
Aroclor-1262 (PCB-1262)	NA	ND (0.075)	ND (0.077)	-	-	-	-	-	-	-	ND (0.069)	ND (0.07)	-	-	-	-	-	-	-
Aroclor-1268 (PCB-1268)	NA	ND (0.075)	ND (0.077)	-	-	-	-	-	-	-	ND (0.069)	ND (0.07)	-	-	-	-	-	-	-
Total PCBs	1	ND (0.075)	ND (0.077)	-	-	-	-	-	-	-	ND (0.069)	ND (0.07)	-	-	-	-	-	-	-
Inorganic Compounds (mg/kg)																			
Aluminum	NA	8580	9510	-	-	-	-	-	-	-	7680	8240	-	-	-	-	-	-	-
Antimony	NA	0.69 J	0.96 J	-	-	-	-	-	-	-	0.86 J	0.79 J	-	-	-	-	-	-	-
Arsenic	16	7	8.5	-	-	-	-	-	-	-	8.6	7.7	-	-	-	-	-	-	-
Barium	400	66.3	65.5	-	-	-	-	-	-	-	51.5	57.9	-	-	-	-	-	-	-
Beryllium	590	0.6	0.69	-	-	-	-	-	-	-	0.58	0.58	-	-	-	-	-	-	-
Cadmium	9.3	0.5 J	0.69 J	-	-	-	-	-	-	-	0.8 J	0.54 J	-	-	-	-	-	-	-
Calcium	NA	20800	18600	-	-	-	-	-	-	-	19600	17000	-	-	-	-	-	-	-
Chromium	NA	18.1	18.9	-	-	-	-	-	-	-	17.3	17.2	-	-	-	-	-	-	-
Cobalt	NA	7	9.4	-	-	-	-	-	-	-	7.1	6.6	-	-	-	-	-	-	-
Copper	270	45.9	69.8	-	-	-	-	-	-	-	84.7	52.7	-	-	-	-	-	-	-
Iron	NA	19300	23100	-	-	-	-	-	-	-	19300	19500	-	-	-	-	-	-	-
Lead	1000	254	286	-	-	-	-	-	-	-	275	252	-	-	-	-	-	-	-
Magnesium	NA	11700	12900	-	-	-	-	-	-	-	13400	11500	-	-	-	-	-	-	-
Manganese	10000	354	441	-	-	-	-	-	-	-	310	309	-	-	-	-	-	-	-
Mercury	2.8	0.075	0.05	-	-	-	-	-	-	-	0.045	0.041	-	-	-	-	-	-	-
Nickel	310	15.5	21	-	-	-	-	-	-	-	20	15.8	-	-	-	-	-	-	-
Potassium	NA	1150	1340	-	-	-	-	-	-	-	1050	1070	-	-	-	-	-	-	-
Selenium	1500	0.25 J	0.3 J	-	-	-	-	-	-	-	0.32 J	0.28 J	-	-	-	-	-	-	-
Silver	1500	0.35 J	0.59	-	-	-	-	-	-	-	0.85	0.4	-	-	-	-	-	-	-
Sodium	NA	119	119	-	-	-	-	-	-	-	108	114	-	-	-	-	-	-	-
Thallium	NA	0.12 J	0.13 J	-	-	-	-	-	-	-	0.13 J	0.12 J	-	-	-	-	-	-	-
Vanadium	NA	26.5	32.5	-	-	-	-	-	-	-	28.9	28.5	-	-	-	-	-	-	-
Zinc	10000	158	126	-	-	-	-	-	-	-	133	112	-	-	-	-	-	-	-

ABBREVIATIONS AND NOTES:

mg/kg: milligram per kilogram

**: LCS or LCSD is outside acceptance limits.*
-: Not Analyzed
B: Compound was found in the blank and the associated sample.
bgs: below ground surface
ft: feet
J: Value is estimated.
NA: Not Applicable
ND (2.5): Not detected, number in parentheses is the laboratory reporting limit

- For test methods used, see the laboratory data sheets.
- Soil analytical results are compared to the New York State Department of Environmental Conservation (NYSDEC) Title 6 of the Official Compilation of New York Codes, Rules, and Regulations (NYCRR) Part 375 Commercial Use Soil Cleanup Objectives (SCO).
- Grey shading indicates an exceedance of the Commercial Use Soil Cleanup Objectives.

TABLE 23
SUMMARY OF SOIL QUALITY DATA - BERM 58
FORMER PORT MOBIL TERMINAL
STATEN ISLAND, NEW YORK
FILE NO. 0208998

	Criteria																		
Location Name	NY Part 375	58E	58E	58E1	58E1	58E2	58E2	58E2	58E3	58E3	58F	58F	58F1	58F1	58F1	58F2	58F2	58F3	58F3
Sample Name	Commercial	58E_0-5	58E_5-10	58E1_1-2	58E1_5-6	58E2_2-3	58E2_7-8	58E2_9-10	58E3_4-5	58E3_8-9	58F_0-5	58F_5-10	58F1_1-2	58F1_5-6	58F1_9-10	58F2_3-4	58F2_7-8	58F3_4-5	58F3_8-9
Sample Date	Use	09/26/2025	09/26/2025	09/26/2025	09/26/2025	09/26/2025	09/26/2025	09/26/2025	09/26/2025	09/26/2025	09/26/2025	09/26/2025	09/26/2025	09/26/2025	09/26/2025	09/26/2025	09/26/2025	09/26/2025	09/26/2025
Lab Sample ID	Soil Cleanup	460-335806-9	460-335806-10	460-335806-49	460-335806-52	460-335806-50	460-335806-53	460-335806-55	460-335806-51	460-335806-54	460-335806-11	460-335806-12	460-335806-56	460-335806-59	460-335806-62	460-335806-57	460-335806-60	460-335806-58	460-335806-61
Sample Depth (bgs)	Objectives	0 - 5 (ft)	5 - 10 (ft)	1 - 2 (ft)	5 - 6 (ft)	2 - 3 (ft)	7 - 8 (ft)	9 - 10 (ft)	4 - 5 (ft)	8 - 9 (ft)	0 - 5 (ft)	5 - 10 (ft)	1 - 2 (ft)	5 - 6 (ft)	9 - 10 (ft)	3 - 4 (ft)	7 - 8 (ft)	4 - 5 (ft)	8 - 9 (ft)
Volatile Organic Compounds (mg/kg)																			
1,1,1-Trichloroethane	500	-	-	ND (0.0012)	ND (0.00075)	ND (0.0014)	ND (0.0013)	ND (0.0018)	ND (0.0013)	ND (0.001)	-	-	ND (0.0012)	ND (0.0011)	ND (0.00097)	ND (0.0011)	ND (0.00067)	ND (0.0014)	ND (0.00099)
1,1,2,2-Tetrachloroethane	NA	-	-	ND (0.0012)	ND (0.00075)	ND (0.0014)	ND (0.0013)	ND (0.0018)	ND (0.0013)	ND (0.001)	-	-	ND (0.0012)	ND (0.0011)	ND (0.00097)	ND (0.0011)	ND (0.00067)	ND (0.0014)	ND (0.00099)
1,1,2-Trichloroethane	NA	-	-	ND (0.0012)	ND (0.00075)	ND (0.0014)	ND (0.0013)	ND (0.0018)	ND (0.0013)	ND (0.001)	-	-	ND (0.0012)	ND (0.0011)	ND (0.00097)	ND (0.0011)	ND (0.00067)	ND (0.0014)	ND (0.00099)
1,1-Dichloroethane	240	-	-	ND (0.0012)	ND (0.00075)	ND (0.0014)	ND (0.0013)	ND (0.0018)	ND (0.0013)	ND (0.001)	-	-	ND (0.0012)	ND (0.0011)	ND (0.00097)	ND (0.0011)	ND (0.00067)	ND (0.0014)	ND (0.00099)
1,1-Dichloroethene	500	-	-	ND (0.0012)	ND (0.00075)	ND (0.0014)	ND (0.0013)	ND (0.0018)	ND (0.0013)	ND (0.001)	-	-	ND (0.0012)	ND (0.0011) *	ND (0.00097) *	ND (0.0011)	ND (0.00067) *	ND (0.0014)	ND (0.00099) *
1,2,3-Trichlorobenzene	NA	-	-	ND (0.0012)	ND (0.00075)	ND (0.0014)	ND (0.0013)	ND (0.0018)	ND (0.0013)	ND (0.001)	-	-	ND (0.0012)	ND (0.0011)	ND (0.00097)	ND (0.0011)	ND (0.00067)	ND (0.0014)	ND (0.00099)
1,2,4-Trichlorobenzene	NA	-	-	ND (0.0012)	ND (0.00075)	ND (0.0014)	ND (0.0013)	ND (0.0018) *	ND (0.0013)	ND (0.001) *	-	-	ND (0.0012) *	ND (0.0011)	ND (0.00097)	ND (0.0011) *	ND (0.00067)	ND (0.0014) *	ND (0.00099)
1,2,4-Trimethylbenzene	190	-	-	ND (0.0012)	ND (0.00075)	ND (0.0014)	ND (0.0013)	ND (0.0018)	ND (0.0013)	ND (0.001)	-	-	ND (0.0012)	ND (0.0011)	ND (0.00097)	ND (0.0011)	ND (0.00067)	ND (0.0014)	ND (0.00099)
1,2-Dibromo-3-chloropropane (DBCP)	NA	-	-	ND (0.0012)	ND (0.00075)	ND (0.0014)	ND (0.0013)	ND (0.0018)	ND (0.0013)	ND (0.001)	-	-	ND (0.0012)	ND (0.0011)	ND (0.00097)	ND (0.0011)	ND (0.00067)	ND (0.0014)	ND (0.00099)
1,2-Dibromoethane (Ethylene Dibromide)	NA	-	-	ND (0.0012)	ND (0.00075)	ND (0.0014)	ND (0.0013)	ND (0.0018)	ND (0.0013)	ND (0.001)	-	-	ND (0.0012)	ND (0.0011)	ND (0.00097)	ND (0.0011)	ND (0.00067)	ND (0.0014)	ND (0.00099)
1,2-Dichlorobenzene	500	-	-	ND (0.0012)	ND (0.00075)	ND (0.0014)	ND (0.0013)	ND (0.0018)	ND (0.0013)	ND (0.001)	-	-	ND (0.0012)	ND (0.0011)	ND (0.00097)	ND (0.0011)	ND (0.00067)	ND (0.0014)	ND (0.00099)
1,2-Dichloroethane	30	-	-	ND (0.0012)	ND (0.00075)	ND (0.0014)	ND (0.0013)	ND (0.0018)	ND (0.0013)	ND (0.001)	-	-	ND (0.0012)	ND (0.0011)	ND (0.00097)	ND (0.0011)	ND (0.00067)	ND (0.0014)	ND (0.00099)
1,2-Dichloropropane	NA	-	-	ND (0.0012)	ND (0.00075)	ND (0.0014)	ND (0.0013)	ND (0.0018)	ND (0.0013)	ND (0.001)	-	-	ND (0.0012)	ND (0.0011)	ND (0.00097)	ND (0.0011)	ND (0.00067)	ND (0.0014)	ND (0.00099)
1,3,5-Trimethylbenzene	190	-	-	ND (0.0012)	ND (0.00075)	ND (0.0014)	ND (0.0013)	ND (0.0018)	ND (0.0013)	ND (0.001)	-	-	ND (0.0012)	ND (0.0011)	ND (0.00097)	ND (0.0011)	ND (0.00067)	ND (0.0014)	ND (0.00099)
1,3-Dichlorobenzene	280	-	-	ND (0.0012)	ND (0.00075)	ND (0.0014)	ND (0.0013)	ND (0.0018)	ND (0.0013)	ND (0.001)	-	-	ND (0.0012)	ND (0.0011)	ND (0.00097)	ND (0.0011)	ND (0.00067)	ND (0.0014)	ND (0.00099)
1,4-Dichlorobenzene	130	-	-	ND (0.0012)	ND (0.00075)	ND (0.0014)	ND (0.0013)	ND (0.0018)	ND (0.0013)	ND (0.001)	-	-	ND (0.0012)	ND (0.0011)	ND (0.00097)	ND (0.0011)	ND (0.00067)	ND (0.0014)	ND (0.00099)
2-Butanone (Methyl Ethyl Ketone)	500	-	-	ND (0.0061)	ND (0.0037)	ND (0.0069)	ND (0.0066)	ND (0.0091)	ND (0.0063)	ND (0.0051)	-	-	ND (0.006)	ND (0.0056)	ND (0.0048)	ND (0.0055)	ND (0.0033)	ND (0.007)	ND (0.005)
2-Hexanone (Methyl Butyl Ketone)	NA	-	-	ND (0.0061)	ND (0.0037)	ND (0.0069)	ND (0.0066)	ND (0.0091)	ND (0.0063)	ND (0.0051)	-	-	ND (0.006)	ND (0.0056)	ND (0.0048)	ND (0.0055)	ND (0.0033)	ND (0.007)	ND (0.005)
2-Phenylbutane (sec-Butylbenzene)	500	-	-	ND (0.0012)	ND (0.00075)	ND (0.0014)	ND (0.0013)	ND (0.0018)	ND (0.0013)	ND (0.001)	-	-	ND (0.0012)	ND (0.0011)	ND (0.00097)	ND (0.0011)	ND (0.00067)	ND (0.0014)	ND (0.00099)
4-Methyl-2-Pentanone (Methyl Isobutyl Ketone)	NA	-	-	ND (0.0061)	ND (0.0037)	ND (0.0069)	ND (0.0066)	ND (0.0091)	ND (0.0063)	ND (0.0051)	-	-	ND (0.006)	ND (0.0056)	ND (0.0048)	ND (0.0055)	ND (0.0033)	ND (0.007)	ND (0.005)
Acetone	500	-	-	ND (0.0074)	ND (0.0045)	ND (0.0083)	ND (0.0079)	ND (0.011)	ND (0.0075)	ND (0.0062)	-	-	ND (0.0073)	ND (0.0067)	ND (0.0058)	ND (0.0066)	ND (0.004)	ND (0.0084)	ND (0.006)
Benzene	44	-	-	ND (0.0012)	ND (0.00075)	ND (0.0014)	ND (0.0013)	ND (0.0018)	ND (0.0013)	ND (0.001)	-	-	ND (0.0012)	ND (0.0011)	ND (0.00097)	ND (0.0011)	ND (0.00067)	ND (0.0014)	ND (0.00099)
Bromodichloromethane	NA	-	-	ND (0.0012)	ND (0.00075)	ND (0.0014)	ND (0.0013)	ND (0.0018)	ND (0.0013)	ND (0.001)	-	-	ND (0.0012)	ND (0.0011)	ND (0.00097)	ND (0.0011)	ND (0.00067)	ND (0.0014)	ND (0.00099)
Bromoform	NA	-	-	ND (0.0012) *	ND (0.00075) *	ND (0.0014) *	ND (0.0013) *	ND (0.0018)	ND (0.0013) *	ND (0.001)	-	-	ND (0.0012)	ND (0.0011)	ND (0.00097)	ND (0.0011)	ND (0.00067)	ND (0.0014)	ND (0.00099)
Bromomethane (Methyl Bromide)	NA	-	-	ND (0.0025)	ND (0.0015)	ND (0.0028)	ND (0.0026)	ND (0.0036)	ND (0.0025)	ND (0.0021)	-	-	ND (0.0024)	ND (0.0022)	ND (0.0019)	ND (0.0022)	ND (0.0013)	ND (0.0028)	ND (0.002)
Carbon disulfide	NA	-	-	ND (0.0012)	ND (0.00075)	ND (0.0014)	ND (0.0013)	ND (0.0018)	ND (0.0013)	ND (0.001)	-	-	ND (0.0012)	ND (0.0011)	ND (0.00097)	ND (0.0011)	ND (0.00067)	ND (0.0014)	ND (0.00099)
Carbon tetrachloride	22	-	-	ND (0.0012)	ND (0.00075)	ND (0.0014)	ND (0.0013)	ND (0.0018)	ND (0.0013)	ND (0.001)	-	-	ND (0.0012)	ND (0.0011)	ND (0.00097)	ND (0.0011)	ND (0.00067)	ND (0.0014)	ND (0.00099)
Chlorobenzene	500	-	-	ND (0.0012)	ND (0.00075)	ND (0.0014)	ND (0.0013)	ND (0.0018)	ND (0.0013)	ND (0.001)	-	-	ND (0.0012)	ND (0.0011)	ND (0.00097)	ND (0.0011)	ND (0.00067)	ND (0.0014)	ND (0.00099)
Chlorobromomethane	NA	-	-	ND (0.0012)	ND (0.00075)	ND (0.0014)	ND (0.0013)	ND (0.0018)	ND (0.0013)	ND (0.001)	-	-	ND (0.0012)	ND (0.0011)	ND (0.00097)	ND (0.0011)	ND (0.00067)	ND (0.0014)	ND (0.00099)
Chloroethane	NA	-	-	ND (0.0012)	ND (0.00075)	ND (0.0014)	ND (0.0013)	ND (0.0018)	ND (0.0013)	ND (0.001)	-	-	ND (0.0012)	ND (0.0011)	ND (0.00097)	ND (0.0011)	ND (0.00067)	ND (0.0014)	ND (0.00099)
Chloroform (Trichloromethane)	350	-	-	ND (0.0012)	ND (0.00075)	ND (0.0014)	ND (0.0013)	ND (0.0018)	ND (0.0013)	ND (0.001)	-	-	ND (0.0012)	ND (0.0011)	ND (0.00097)	ND (0.0011)	ND (0.00067)	ND (0.0014)	ND (0.00099)
Chloromethane (Methyl Chloride)	NA	-	-	ND (0.0012)	ND (0.00075)	ND (0.0014)	ND (0.0013)	ND (0.0018)	ND (0.0013)	ND (0.001)	-	-	ND (0.0012)	ND (0.0011)	ND (0.00097)	ND (0.0011)	ND (0.00067)	ND (0.0014)	ND (0.00099)
cis-1,2-Dichloroethene	500	-	-	ND (0.0012)	ND (0.00075)	ND (0.0014)	ND (0.0013)	ND (0.0018)	ND (0.0013)	ND (0.001)	-	-	ND (0.0012)	ND (0.0011)	ND (0.00097)	ND (0.0011)	ND (0.00067)	ND (0.0014)	ND (0.00099)
cis-1,3-Dichloropropene	NA	-	-	ND (0.0012)	ND (0.00075)	ND (0.0014)	ND (0.0013)	ND (0.0018)	ND (0.0013)	ND (0.001)	-	-	ND (0.0012)	ND (0.0011)	ND (0.00097)	ND (0.0011)	ND (0.00067)	ND (0.0014)	ND (0.00099)
Cyclohexane	NA	-	-	ND (0.0012)	ND (0.00075)	ND (0.0014)	ND (0.0013)	ND (0.0018)	ND (0.0013)	ND (0.001)	-	-	ND (0.0012)	ND (0.0011)	ND (0.00097)	ND (0.0011)	ND (0.00067)	ND (0.0014)	ND (0.00099)
Dibromochloromethane	NA	-	-	ND (0.0012) *	ND (0.00075) *	ND (0.0014) *	ND (0.0013) *	ND (0.0018)	ND (0.0013) *	ND (0.001)	-	-	ND (0.0012)	ND (0.0011)	ND (0.00097)	ND (0.0011)	ND (0.00067)	ND (0.0014)	ND (0.00099)
Dichlorodifluoromethane (CFC-12)	NA	-	-	ND (0.0012)	ND (0.00075)	ND (0.0014)	ND (0.0013)	ND (0.0018)	ND (0.0013)	ND (0.001)	-	-	ND (0.0012)	ND (0.0011)	ND (0.00097)	ND (0.0011)	ND (0.00067)	ND (0.0014)	ND (0.00099)
Ethylbenzene	390	-	-	ND (0.0012)	ND (0.00075)	ND (0.0014)	ND (0.0013)	ND (0.0018)	ND (0.0013)	ND (0.001)	-	-	ND (0.0012)	ND (0.0011)	ND (0.00097)	ND (0.0011)	ND (0.00067)	ND (0.0014)	ND (0.00099)
Isopropylbenzene (Cumene)	NA	-	-	ND (0.0012)	ND (0.00075)	ND (0.0014)	ND (0.0013)	ND (0.0018)	ND (0.0013)	ND (0.001)	-	-	ND (0.0012)	ND (0.0011)	ND (0.00097)	ND (0.0011)	ND (0.00067)	ND (0.0014)	ND (0.00099)
m,p-Xylenes	NA	-	-	ND (0.0012)	ND (0.00075)	ND (0.0014)	ND (0.0013)	ND (0.0018)	ND (0.0013)	ND (0.001)	-	-	ND (0.0012)	ND (0.0011)	ND (0.00097)	ND (0.0011)	ND (0.00067)	ND (0.0014)	ND (0.00099)
Methyl acetate	NA	-	-	ND (0.0061) *	ND (0.0037) *	ND (0.0069) *	ND (0.0066) *	ND (0.0091)	ND (0.0063) *	ND (0.0051)	-	-	ND (0.006)	ND (0.0056)	ND (0.0048)	ND (0.0055)	ND (0.0033)	ND (0.007)	ND (0.005)
Methyl Tert Butyl Ether (MTBE)	500	-	-	ND (0.0012)	ND (0.00075)	ND (0.0014)	ND (0.0013)	ND (0.0018)	ND (0.0013)	ND (0.001)	-	-	ND (0.0012)	ND (0.0011)	ND (0.00097)	ND (0.0011)	ND (0.00067)	ND (0.0014)	ND (0.00099)
Methylcyclohexane	NA	-	-	ND (0.0012)	ND (0.00075)	ND (0.0014)	ND (0.0013)	ND (0.0018)	ND (0.0013)	ND (0.001)	-	-	ND (0.0012)	ND (0.0011)	ND (0.00097)	ND (0.0011)	ND (0.00067)	ND (0.0014)	ND (0.00099)
Methylene chloride (Dichloromethane)	500	-	-	0.0016 J	ND (0.0015)	0.0035	0.0021 J	ND (0.0036)	0.0029	ND (0.0021)	-	-	ND (0.0024)	0.0028	0.002	ND (0.0022)	ND (0.0013)	0.0018 J	0.002
n-Butylbenzene	500	-	-	ND (0.0012)	ND (0.00075)	ND (0.0014)	ND (0.0013)	ND (0.0018)	ND (0.0013)	ND (0.001)	-	-	ND (0.0012)	ND (0.0011)	ND (0.00097)	ND (0.0011)	ND (0.00067)	ND (0.0014)	ND (0.00099)
n-Propylbenzene	500	-	-	ND (0.0012)	ND (0.00075)	ND (0.0014)	ND (0.0013)	ND (0.0018)	ND (0.0013)	ND (0.001)	-	-	ND (0.0012)	ND (0.0011)	ND (0.00097)	ND (0.0011)	ND (0.00067)	ND (0.0014)	ND (0.00099)
o-Xylene	NA	-	-	ND (0.0012)	ND (0.00075)	ND (0.0014)	ND (0.0013)	ND (0.0018)	ND (0.0013)	ND (0.001)	-	-	ND (0.0012)	ND (0.0011)	ND (0.00097)	ND (0.0011)	ND (0.00067)	ND (0.0014)	ND (0.00099)
Styrene	NA	-	-	ND (0.0012)	ND (0.00075)	ND (0.0014)	ND (0.0013)	ND (0.0018)	ND (0.0013)	ND (0.001)	-	-	ND (0.0012)	ND (0.0011)	ND (0.00097)	ND (0.0011)	ND (0.00067)	ND (0.0014)	ND (0.00099)
tert-Butylbenzene	500	-	-	ND (0.0012)	ND (0.00075)	ND (0.0014)	ND (0.0013)	ND (0.0018)	ND (0.0013)	ND (0.001)	-	-	ND (0.0012)	ND (0.0011)	ND (0.00097)	ND (0.0011)	ND (0.00067)	ND (0.0014)	ND (0.00099)
Tetrachloroethene	150	-	-	ND (0.0012)	ND (0.00075)	ND (0.0014)	ND (0.0013)	ND (0.0018)	ND (0.0013)	ND (0.001)	-	-	ND (0.0012)	ND (0.0011)	ND (0.00097)	ND (0.0011)	ND (0.00067)	ND (0.0014)	ND (0.00099)
Toluene	500	-	-	ND (0.0012)	ND (0.00075)	ND (0.0014)	ND (0.0013)	ND (0.0018)	ND (0.0013)	ND (0.001)	-	-	ND (0.0012)	ND (0.0011)	ND (0.00097)	ND (0.0011)	ND (0.00067)	ND (0.0014)	ND (0.00099)
trans-1,2-Dichloroethene	500	-	-	ND (0.0012)	ND (0.00075)	ND (0.0014)	ND (0.0013)	ND (0.0018)	ND (0.0013)	ND (0.001)	-	-	ND (0.0012)	ND (0.0011)	ND (0.00097)	ND (0.0011)	ND (0.00067)	ND (0.0014)	ND (0.00099)
trans-1,3-Dichloropropene	NA	-	-	ND (0.0012)	ND (0.00075)	ND (0.0014)	ND (0.0013)	ND (0.0018)	ND (0.0013)	ND (0.001)	-	-	ND (0.0012)	ND (0.0011)	ND (0.00097)	ND (0.0011)	ND (0.00067)	ND (0.0014)	ND (0.00099)
Trichloroethene	200	-	-	ND (0.0012)	ND (0.00075)	ND (0.0014)	ND (0.0013)	ND (0.0018)	ND (0.0013)	ND (0.001)	-	-	ND (0.0012)	ND (0.0011)	ND (0.00097)	ND (0.0011)	ND (0.00067)	ND (0.0014)	ND (0.00099)
Trichlorofluoromethane (CFC-11)	NA	-	-	ND (0.0012)	ND (0.00075)	ND (0.0014)	ND (0.0013)	ND (0.0018)	ND (0.0013)	ND (0.001)	-	-	ND (0.0012)	ND (0.0011)	ND (0.00097)	ND (0.0011)	ND (0.00067)	ND (0.0014)	ND (0.00099)
Trifluorotrichloroethane (Freon 113)	NA	-	-	ND (0.0012)	ND (0.00075)	ND (0.0014)	ND (0.0013)	ND (0.0018)	ND (0.0013)	ND (0.001)	-	-	ND (0.0012)	ND (0.0011)	ND (0.00097)	ND (0.0011)	ND (0.00067)	ND (0.0014)	ND (0.00099)
Vinyl chloride	13	-	-	ND (0.0012)	ND (0.00075)	ND (0.0014)	ND (0.0013)	ND (0.0018)	ND (0.0013)	ND (0.001)	-	-	ND (0.0012)	ND (0.0011)	ND (0.00097)	ND (0.0011)	ND (0.00067)	ND (0.0014)	ND (0.00099)
Xylene (Total)	500	-	-	ND (0.0025)	ND (0.0015)	ND (0.0028)	ND (0.0026)	ND (0.0036)	ND (0.0025)	ND (0.0021)	-	-	ND (0.0024)	ND (0.0022)	ND (0.0019)	ND (0.0022)	ND (0.0013)	ND (0.0028)	ND (0.002)

TABLE 23
SUMMARY OF SOIL QUALITY DATA - BERM 58
FORMER PORT MOBIL TERMINAL
STATEN ISLAND, NEW YORK
FILE NO. 0208998

	Criteria																		
Location Name	NY Part 375	58E	58E	58E1	58E1	58E2	58E2	58E2	58E3	58E3	58F	58F	58F1	58F1	58F1	58F2	58F2	58F3	58F3
Sample Name	Commercial	58E_0-5	58E_5-10	58E1_1-2	58E1_5-6	58E2_2-3	58E2_7-8	58E2_9-10	58E3_4-5	58E3_8-9	58F_0-5	58F_5-10	58F1_1-2	58F1_5-6	58F1_9-10	58F2_3-4	58F2_7-8	58F3_4-5	58F3_8-9
Sample Date	Use	09/26/2025	09/26/2025	09/26/2025	09/26/2025	09/26/2025	09/26/2025	09/26/2025	09/26/2025	09/26/2025	09/26/2025	09/26/2025	09/26/2025	09/26/2025	09/26/2025	09/26/2025	09/26/2025	09/26/2025	09/26/2025
Lab Sample ID	Soil Cleanup	460-335806-9	460-335806-10	460-335806-49	460-335806-52	460-335806-50	460-335806-53	460-335806-55	460-335806-51	460-335806-54	460-335806-11	460-335806-12	460-335806-56	460-335806-59	460-335806-62	460-335806-57	460-335806-60	460-335806-58	460-335806-61
Sample Depth (bgs)	Objectives	0 - 5 (ft)	5 - 10 (ft)	1 - 2 (ft)	5 - 6 (ft)	2 - 3 (ft)	7 - 8 (ft)	9 - 10 (ft)	4 - 5 (ft)	8 - 9 (ft)	0 - 5 (ft)	5 - 10 (ft)	1 - 2 (ft)	5 - 6 (ft)	9 - 10 (ft)	3 - 4 (ft)	7 - 8 (ft)	4 - 5 (ft)	8 - 9 (ft)
Semi-Volatile Organic Compounds (mg/kg)																			
1,2,4,5-Tetrachlorobenzene	NA	ND (0.35)	ND (0.37)	-	-	-	-	-	-	-	ND (0.37)	ND (0.38)	-	-	-	-	-	-	-
1,4-Dioxane	130	ND (0.035)	ND (0.037)	-	-	-	-	-	-	-	ND (0.037)	ND (0.038)	-	-	-	-	-	-	-
2,2'-oxybis(1-Chloropropane)	NA	ND (0.35)	ND (0.37)	-	-	-	-	-	-	-	ND (0.37)	ND (0.38)	-	-	-	-	-	-	-
2,3,4,6-Tetrachlorophenol	NA	ND (0.35)	ND (0.37)	-	-	-	-	-	-	-	ND (0.37)	ND (0.38)	-	-	-	-	-	-	-
2,4,5-Trichlorophenol	NA	ND (0.35)	ND (0.37)	-	-	-	-	-	-	-	ND (0.37)	ND (0.38)	-	-	-	-	-	-	-
2,4,6-Trichlorophenol	NA	ND (0.14)	ND (0.15)	-	-	-	-	-	-	-	ND (0.15)	ND (0.15)	-	-	-	-	-	-	-
2,4-Dichlorophenol	NA	ND (0.14)	ND (0.15)	-	-	-	-	-	-	-	ND (0.15)	ND (0.15)	-	-	-	-	-	-	-
2,4-Dimethylphenol	NA	ND (0.35)	ND (0.37)	-	-	-	-	-	-	-	ND (0.37)	ND (0.38)	-	-	-	-	-	-	-
2,4-Dinitrophenol	NA	ND (0.29)	ND (0.3)	-	-	-	-	-	-	-	ND (0.3)	ND (0.31)	-	-	-	-	-	-	-
2,4-Dinitrotoluene	NA	ND (0.072)	ND (0.075)	-	-	-	-	-	-	-	ND (0.075)	ND (0.077)	-	-	-	-	-	-	-
2,6-Dinitrotoluene	NA	ND (0.072)	ND (0.075)	-	-	-	-	-	-	-	ND (0.075)	ND (0.077)	-	-	-	-	-	-	-
2-Chloronaphthalene	NA	ND (0.35)	ND (0.37)	-	-	-	-	-	-	-	ND (0.37)	ND (0.38)	-	-	-	-	-	-	-
2-Chlorophenol	NA	ND (0.35)	ND (0.37)	-	-	-	-	-	-	-	ND (0.37)	ND (0.38)	-	-	-	-	-	-	-
2-Methylnaphthalene	NA	ND (0.35)	ND (0.37)	-	-	-	-	-	-	-	ND (0.37)	ND (0.38)	-	-	-	-	-	-	-
2-Methylphenol (o-Cresol)	500	ND (0.35)	ND (0.37)	-	-	-	-	-	-	-	ND (0.37)	ND (0.38)	-	-	-	-	-	-	-
2-Nitroaniline	NA	ND (0.35)	ND (0.37)	-	-	-	-	-	-	-	ND (0.37)	ND (0.38)	-	-	-	-	-	-	-
2-Nitrophenol	NA	ND (0.35)	ND (0.37)	-	-	-	-	-	-	-	ND (0.37)	ND (0.38)	-	-	-	-	-	-	-
3&4-Methylphenol	NA	ND (0.35)	ND (0.37)	-	-	-	-	-	-	-	ND (0.37)	ND (0.38)	-	-	-	-	-	-	-
3,3'-Dichlorobenzidine	NA	ND (0.14)	ND (0.15)	-	-	-	-	-	-	-	ND (0.15)	ND (0.15)	-	-	-	-	-	-	-
3-Nitroaniline	NA	ND (0.35)	ND (0.37)	-	-	-	-	-	-	-	ND (0.37)	ND (0.38)	-	-	-	-	-	-	-
4,6-Dinitro-2-methylphenol	NA	ND (0.29)	ND (0.3)	-	-	-	-	-	-	-	ND (0.3)	ND (0.31)	-	-	-	-	-	-	-
4-Bromophenyl phenyl ether (BDE-3)	NA	ND (0.35)	ND (0.37)	-	-	-	-	-	-	-	ND (0.37)	ND (0.38)	-	-	-	-	-	-	-
4-Chloro-3-methylphenol	NA	ND (0.35)	ND (0.37)	-	-	-	-	-	-	-	ND (0.37)	ND (0.38)	-	-	-	-	-	-	-
4-Chloroaniline	NA	ND (0.35)	ND (0.37)	-	-	-	-	-	-	-	ND (0.37)	ND (0.38)	-	-	-	-	-	-	-
4-Chlorophenyl phenyl ether	NA	ND (0.35)	ND (0.37)	-	-	-	-	-	-	-	ND (0.37)	ND (0.38)	-	-	-	-	-	-	-
4-Methylphenol	500	ND (0.35)	ND (0.37)	-	-	-	-	-	-	-	ND (0.37)	ND (0.38)	-	-	-	-	-	-	-
4-Nitroaniline	NA	ND (0.35)	ND (0.37)	-	-	-	-	-	-	-	ND (0.37)	ND (0.38)	-	-	-	-	-	-	-
4-Nitrophenol	NA	ND (0.72)	ND (0.75)	-	-	-	-	-	-	-	ND (0.75)	ND (0.77)	-	-	-	-	-	-	-
Acenaphthene	500	ND (0.35)	ND (0.37)	-	-	-	-	-	-	-	ND (0.37)	ND (0.38)	-	-	-	-	-	-	-
Acenaphthylene	500	ND (0.35)	ND (0.37)	-	-	-	-	-	-	-	ND (0.37)	ND (0.38)	-	-	-	-	-	-	-
Acetophenone	NA	ND (0.35)	ND (0.37)	-	-	-	-	-	-	-	ND (0.37)	ND (0.38)	-	-	-	-	-	-	-
Anthracene	500	ND (0.35)	ND (0.37)	-	-	-	-	-	-	-	ND (0.37)	ND (0.38)	-	-	-	-	-	-	-
Atrazine	NA	ND (0.14)	ND (0.15)	-	-	-	-	-	-	-	ND (0.15)	ND (0.15)	-	-	-	-	-	-	-
Benzaldehyde	NA	ND (0.35)	ND (0.37)	-	-	-	-	-	-	-	ND (0.37)	ND (0.38)	-	-	-	-	-	-	-
Benzo(a)anthracene	5.6	ND (0.035)	ND (0.037)	-	-	-	-	-	-	-	ND (0.037)	ND (0.038)	-	-	-	-	-	-	-
Benzo(a)pyrene	1	ND (0.035)	ND (0.037)	-	-	-	-	-	-	-	ND (0.037)	0.011 J	-	-	-	-	-	-	-
Benzo(b)fluoranthene	5.6	ND (0.035)	ND (0.037)	-	-	-	-	-	-	-	ND (0.037)	0.013 J	-	-	-	-	-	-	-
Benzo(g,h,i)perylene	500	ND (0.35)	ND (0.37)	-	-	-	-	-	-	-	ND (0.37)	ND (0.38)	-	-	-	-	-	-	-
Benzo(k)fluoranthene	56	ND (0.035)	ND (0.037)	-	-	-	-	-	-	-	ND (0.037)	ND (0.038)	-	-	-	-	-	-	-
Biphenyl	NA	ND (0.35)	ND (0.37)	-	-	-	-	-	-	-	ND (0.37)	ND (0.38)	-	-	-	-	-	-	-
bis(2-Chloroethoxy)methane	NA	ND (0.35)	ND (0.37)	-	-	-	-	-	-	-	ND (0.37)	ND (0.38)	-	-	-	-	-	-	-
bis(2-Chloroethyl)ether	NA	ND (0.035)	ND (0.037)	-	-	-	-	-	-	-	ND (0.037)	ND (0.038)	-	-	-	-	-	-	-
bis(2-Ethylhexyl)phthalate	NA	ND (0.35)	ND (0.37)	-	-	-	-	-	-	-	ND (0.37)	ND (0.38)	-	-	-	-	-	-	-
Butyl benzylphthalate (BBP)	NA	ND (0.35)	ND (0.37)	-	-	-	-	-	-	-	ND (0.37)	ND (0.38)	-	-	-	-	-	-	-
Caprolactam	NA	ND (0.35)	ND (0.37)	-	-	-	-	-	-	-	ND (0.37)	ND (0.38)	-	-	-	-	-	-	-
Carbazole	NA	ND (0.35)	ND (0.37)	-	-	-	-	-	-	-	ND (0.37)	ND (0.38)	-	-	-	-	-	-	-
Chrysene	56	ND (0.35)	ND (0.37)	-	-	-	-	-	-	-	ND (0.37)	ND (0.38)	-	-	-	-	-	-	-
Dibenz(a,h)anthracene	0.56	ND (0.035)	ND (0.037)	-	-	-	-	-	-	-	ND (0.037)	ND (0.038)	-	-	-	-	-	-	-
Dibenzofuran	350	ND (0.35)	ND (0.37)	-	-	-	-	-	-	-	ND (0.37)	ND (0.38)	-	-	-	-	-	-	-
Diethyl phthalate	NA	ND (0.35)	ND (0.37)	-	-	-	-	-	-	-	ND (0.37)	ND (0.38)	-	-	-	-	-	-	-
Dimethyl phthalate	NA	ND (0.35)	ND (0.37)	-	-	-	-	-	-	-	ND (0.37)	ND (0.38)	-	-	-	-	-	-	-
Di-n-butylphthalate (DBP)	NA	ND (0.35)	ND (0.37)	-	-	-	-	-	-	-	ND (0.37)	ND (0.38)	-	-	-	-	-	-	-
Di-n-octyl phthalate (DnOP)	NA	ND (0.35)	ND (0.37)	-	-	-	-	-	-	-	ND (0.37)	ND (0.38)	-	-	-	-	-	-	-
Fluoranthene	500	ND (0.35)	ND (0.37)	-	-	-	-	-	-	-	ND (0.37)	0.016 J	-	-	-	-	-	-	-
Fluorene	500	ND (0.35)	ND (0.37)	-	-	-	-	-	-	-	ND (0.37)	ND (0.38)	-	-	-	-	-	-	-
Hexachlorobenzene	6	ND (0.035)	ND (0.037)	-	-	-	-	-	-	-	ND (0.037)	ND (0.038)	-	-	-	-	-	-	-
Hexachlorobutadiene	NA	ND (0.072)	ND (0.075)	-	-	-	-	-	-	-	ND (0.075)	ND (0.077)	-	-	-	-	-	-	-
Hexachlorocyclopentadiene	NA	ND (0.35)	ND (0.37)	-	-	-	-	-	-	-	ND (0.37)	ND (0.38)	-	-	-	-	-	-	-
Hexachloroethane	NA	ND (0.035)	ND (0.037)	-	-	-	-	-	-	-	ND (0.037)	ND (0.038)	-	-	-	-	-	-	-
Indeno(1,2,3-cd)pyrene	5.6	ND (0.035)	ND (0.037)	-	-	-	-	-	-	-	ND (0.037)	ND (0.038)	-	-	-	-	-	-	-
Isophorone	NA	ND (0.14)	ND (0.15)	-	-	-	-	-	-	-	ND (0.15)	ND (0.15)	-	-	-	-	-	-	-
Naphthalene	500	ND (0.35)	ND (0.37)	-	-	-	-	-	-	-	ND (0.37)	ND (0.38)	-	-	-	-	-	-	-
Nitrobenzene	NA	ND (0.035)	ND (0.037)	-	-	-	-	-	-	-	ND (0.037)	ND (0.038)	-	-	-	-	-	-	-
N-Nitrosodi-n-propylamine	NA	ND (0.035)	ND (0.037)	-	-	-	-	-	-	-	ND (0.037)	ND (0.038)	-	-	-	-	-	-	-
N-Nitrosodiphenylamine	NA	ND (0.35)	ND (0.37)	-	-	-	-	-	-	-	ND (0.37)	ND (0.38)	-	-	-	-	-	-	-
Pentachlorophenol	6.7	ND (0.29)	ND (0.3)	-	-	-	-	-	-	-	ND (0.3)	ND (0.31)	-	-	-	-	-	-	-
Phenanthrene	500	ND (0.35)	ND (0.37)	-	-	-	-	-	-	-	ND (0.37)	ND (0.38)	-	-	-	-	-	-	-
Phenol	500	ND (0.35)	ND (0.37)	-	-	-	-	-	-	-	ND (0.37)	ND (0.38)	-	-	-	-	-	-	-
Pyrene	500	ND (0.35)	ND (0.37)	-	-	-	-	-	-	-	ND (0.37)	0.014 J	-	-	-	-	-	-	-

TABLE 23
SUMMARY OF SOIL QUALITY DATA - BERM 58
FORMER PORT MOBIL TERMINAL
STATEN ISLAND, NEW YORK
FILE NO. 0208998

	Criteria																		
Location Name	NY Part 375	58E	58E	58E1	58E1	58E2	58E2	58E2	58E3	58E3	58F	58F	58F1	58F1	58F1	58F2	58F2	58F3	58F3
Sample Name	Commercial	58E_0-5	58E_5-10	58E1_1-2	58E1_5-6	58E2_2-3	58E2_7-8	58E2_9-10	58E3_4-5	58E3_8-9	58F_0-5	58F_5-10	58F1_1-2	58F1_5-6	58F1_9-10	58F2_3-4	58F2_7-8	58F3_4-5	58F3_8-9
Sample Date	Use	09/26/2025	09/26/2025	09/26/2025	09/26/2025	09/26/2025	09/26/2025	09/26/2025	09/26/2025	09/26/2025	09/26/2025	09/26/2025	09/26/2025	09/26/2025	09/26/2025	09/26/2025	09/26/2025	09/26/2025	09/26/2025
Lab Sample ID	Soil Cleanup	460-335806-9	460-335806-10	460-335806-49	460-335806-52	460-335806-50	460-335806-53	460-335806-55	460-335806-51	460-335806-54	460-335806-11	460-335806-12	460-335806-56	460-335806-59	460-335806-62	460-335806-57	460-335806-60	460-335806-58	460-335806-61
Sample Depth (bgs)	Objectives	0 - 5 (ft)	5 - 10 (ft)	1 - 2 (ft)	5 - 6 (ft)	2 - 3 (ft)	7 - 8 (ft)	9 - 10 (ft)	4 - 5 (ft)	8 - 9 (ft)	0 - 5 (ft)	5 - 10 (ft)	1 - 2 (ft)	5 - 6 (ft)	9 - 10 (ft)	3 - 4 (ft)	7 - 8 (ft)	4 - 5 (ft)	8 - 9 (ft)
PFAS (mg/kg)																			
11-Chloroeicosafluoro-3-Oxaundecane-1-Sulfonic Acid (11Cl-PF3OUdS)	NA	ND (0.0002) *	ND (0.0002) *	-	-	-	-	-	-	-	ND (0.00019) *	ND (0.00019) *	-	-	-	-	-	-	-
2H,2H,3H,3H-Perfluorooctanoic acid (5:3 FTCA)	NA	ND (0.00099)	ND (0.00098)	-	-	-	-	-	-	-	ND (0.00097)	ND (0.00096)	-	-	-	-	-	-	-
3-(Perfluoroheptyl)propanoic acid (7:3 FTCA)	NA	ND (0.00099)	ND (0.00098)	-	-	-	-	-	-	-	ND (0.00097)	ND (0.00096)	-	-	-	-	-	-	-
3:3 Fluorotelomer carboxylic acid (3:3 FTCA)	NA	ND (0.0004)	ND (0.00039)	-	-	-	-	-	-	-	ND (0.00039)	ND (0.00038)	-	-	-	-	-	-	-
4,8-Dioxa-3H-Perfluorononanoic Acid (ADONA)	NA	ND (0.0002)	ND (0.0002)	-	-	-	-	-	-	-	ND (0.00019)	ND (0.00019)	-	-	-	-	-	-	-
4:2 Fluorotelomer sulfonic acid (4:2 FTS)	NA	ND (0.0004)	ND (0.00039)	-	-	-	-	-	-	-	ND (0.00039)	ND (0.00038)	-	-	-	-	-	-	-
6:2 Fluorotelomer sulfonic acid (6:2 FTS)	NA	ND (0.0004)	ND (0.00039)	-	-	-	-	-	-	-	ND (0.00039)	ND (0.00038)	-	-	-	-	-	-	-
8:2 Fluorotelomer sulfonic acid (8:2 FTS)	NA	ND (0.0004)	ND (0.00039)	-	-	-	-	-	-	-	0.00027 J	ND (0.00038)	-	-	-	-	-	-	-
9-Chlorohexadecafluoro-3-Oxanone-1-Sulfonic Acid (9Cl-PF3ONS)	NA	ND (0.0002)	ND (0.0002)	-	-	-	-	-	-	-	ND (0.00019)	ND (0.00019)	-	-	-	-	-	-	-
N-Ethyl Perfluorooctanesulfonamidoacetic Acid (NEtFOSAA)	NA	ND (0.0002)	ND (0.0002)	-	-	-	-	-	-	-	ND (0.00019)	ND (0.00019)	-	-	-	-	-	-	-
N-Ethylperfluorooctane sulfonamide (N-EtFOSA)	NA	ND (0.0002)	ND (0.0002)	-	-	-	-	-	-	-	ND (0.00019)	ND (0.00019)	-	-	-	-	-	-	-
N-Ethylperfluorooctane sulfonamidoethanol (N-EtFOSE)	NA	ND (0.00099)	ND (0.00098)	-	-	-	-	-	-	-	ND (0.00097)	ND (0.00096)	-	-	-	-	-	-	-
N-Methyl Perfluorooctanesulfonamidoacetic Acid (NMeFOSAA)	NA	ND (0.0002)	ND (0.0002)	-	-	-	-	-	-	-	ND (0.00019)	ND (0.00019)	-	-	-	-	-	-	-
N-Methylperfluorooctane sulfonamide (N-MeFOSA)	NA	ND (0.0002)	ND (0.0002)	-	-	-	-	-	-	-	ND (0.00019)	ND (0.00019)	-	-	-	-	-	-	-
N-Methylperfluorooctane sulfonamidoethanol (N-MeFOSE)	NA	ND (0.00099)	ND (0.00098)	-	-	-	-	-	-	-	ND (0.00097)	ND (0.00096)	-	-	-	-	-	-	-
Nonafluoro-3,6-dioxaheptanoic acid (NFDHA)	NA	ND (0.0002)	ND (0.0002)	-	-	-	-	-	-	-	ND (0.00019)	ND (0.00019)	-	-	-	-	-	-	-
Perfluoro(2-ethoxyethane) sulphonic acid (PFEESA)	NA	ND (0.0002)	ND (0.0002)	-	-	-	-	-	-	-	ND (0.00019)	ND (0.00019)	-	-	-	-	-	-	-
Perfluoro(4-methoxybutanoic) acid (PFMBA)	NA	ND (0.0002)	ND (0.0002)	-	-	-	-	-	-	-	ND (0.00019)	ND (0.00019)	-	-	-	-	-	-	-
Perfluoro-2-propoxypropanoic acid (PFPrOPrA)(GenX) (HFPO-DA)	NA	ND (0.0002)	ND (0.0002)	-	-	-	-	-	-	-	ND (0.00019)	ND (0.00019)	-	-	-	-	-	-	-
Perfluoro-3-methoxypropanoic acid (PFMPA)	NA	ND (0.0002)	ND (0.0002)	-	-	-	-	-	-	-	ND (0.00019)	ND (0.00019)	-	-	-	-	-	-	-
Perfluorobutanesulfonic acid (PFBS)	NA	ND (0.0002)	ND (0.0002)	-	-	-	-	-	-	-	ND (0.00019)	ND (0.00019)	-	-	-	-	-	-	-
Perfluorobutanoic acid (PFBA)	NA	ND (0.0004)	ND (0.00039)	-	-	-	-	-	-	-	ND (0.00039)	ND (0.00038)	-	-	-	-	-	-	-
Perfluorodecanesulfonic acid (PFDS)	NA	ND (0.0002) *	ND (0.0002) *	-	-	-	-	-	-	-	ND (0.00019) *	ND (0.00019) *	-	-	-	-	-	-	-
Perfluorodecanoic acid (PFDA)	NA	0.000088 J	ND (0.0002)	-	-	-	-	-	-	-	0.00047	0.00025	-	-	-	-	-	-	-
Perfluorododecane sulfonic acid (PFDoDS)	NA	ND (0.0002) *	ND (0.0002) *	-	-	-	-	-	-	-	ND (0.00019) *	ND (0.00019) *	-	-	-	-	-	-	-
Perfluorododecanoic acid (PFDoDA)	NA	0.0003	0.000099 J	-	-	-	-	-	-	-	0.00047	0.0003	-	-	-	-	-	-	-
Perfluoroheptanesulfonic acid (PFHpS)	NA	ND (0.0002)	ND (0.0002)	-	-	-	-	-	-	-	ND (0.00019)	ND (0.00019)	-	-	-	-	-	-	-
Perfluoroheptanoic acid (PFHpA)	NA	ND (0.0002)	ND (0.0002)	-	-	-	-	-	-	-	ND (0.00019)	0.0002	-	-	-	-	-	-	-
Perfluorohexanesulfonic acid (PFHxS)	NA	ND (0.0002)	ND (0.0002)	-	-	-	-	-	-	-	ND (0.00019)	ND (0.00019)	-	-	-	-	-	-	-
Perfluorohexanoic acid (PFHxA)	NA	ND (0.0002)	ND (0.0002)	-	-	-	-	-	-	-	ND (0.00019)	0.00011 J	-	-	-	-	-	-	-
Perfluorononane sulfonic acid (PFNS)	NA	ND (0.0002)	ND (0.0002)	-	-	-	-	-	-	-	ND (0.00019)	ND (0.00019)	-	-	-	-	-	-	-
Perfluorononanoic acid (PFNA)	NA	0.00027	ND (0.0002)	-	-	-	-	-	-	-	0.00043	0.00496	-	-	-	-	-	-	-
Perfluorooctane sulfonamide (PFOSA)	NA	ND (0.0002)	ND (0.0002)	-	-	-	-	-	-	-	ND (0.00019)	ND (0.00019)	-	-	-	-	-	-	-
Perfluorooctanesulfonic acid (PFOS)	0.44	ND (0.0002)	ND (0.0002)	-	-	-	-	-	-	-	ND (0.00019)	0.00015 J	-	-	-	-	-	-	-
Perfluorooctanoic acid (PFOA)	0.5	ND (0.0002)	ND (0.0002)	-	-	-	-	-	-	-	0.000084 J	0.00032	-	-	-	-	-	-	-
Perfluoropentanesulfonic acid (PFPeS)	NA	ND (0.0002)	ND (0.0002)	-	-	-	-	-	-	-	ND (0.00019)	ND (0.00019)	-	-	-	-	-	-	-
Perfluoropentanoic acid (PFPeA)	NA	ND (0.0002)	ND (0.0002)	-	-	-	-	-	-	-	ND (0.00019)	0.000097 J	-	-	-	-	-	-	-
Perfluorotetradecanoic acid (PFTeDA)	NA	ND (0.0002)	ND (0.0002)	-	-	-	-	-	-	-	0.000097 J	ND (0.00019)	-	-	-	-	-	-	-
Perfluorotridecanoic acid (PFTrDA)	NA	0.00207	0.00093	-	-	-	-	-	-	-	0.00224	0.00166	-	-	-	-	-	-	-
Perfluoroundecanoic acid (PFUnDA)	NA	0.0019	0.00034	-	-	-	-	-	-	-	0.00233	0.00243	-	-	-	-	-	-	-
Pesticides (mg/kg)																			
4,4'-DDD	92	ND (0.0072)	ND (0.0076)	-	-	-	-	-	-	-	ND (0.0075)	ND (0.0077)	-	-	-	-	-	-	-
4,4'-DDE	62	ND (0.0072)	ND (0.0076)	-	-	-	-	-	-	-	ND (0.0075)	ND (0.0077)	-	-	-	-	-	-	-
4,4'-DDT	47	ND (0.0072)	ND (0.0076)	-	-	-	-	-	-	-	ND (0.0075)	ND (0.0077)	-	-	-	-	-	-	-
Aldrin	0.68	ND (0.0072)	ND (0.0076)	-	-	-	-	-	-	-	ND (0.0075)	ND (0.0077)	-	-	-	-	-	-	-
alpha-BHC	3.4	ND (0.0022)	ND (0.0023)	-	-	-	-	-	-	-	ND (0.0022)	ND (0.0023)	-	-	-	-	-	-	-
alpha-Chlordane (cis)	24	ND (0.0072)	ND (0.0076)	-	-	-	-	-	-	-	ND (0.0075)	ND (0.0077)	-	-	-	-	-	-	-
beta-BHC	3	ND (0.0022)	ND (0.0023)	-	-	-	-	-	-	-	ND (0.0022)	ND (0.0023)	-	-	-	-	-	-	-
Chlordane	NA	ND (0.072)	ND (0.076)	-	-	-	-	-	-	-	ND (0.075)	ND (0.077)	-	-	-	-	-	-	-
delta-BHC	500	ND (0.0022)	ND (0.0023)	-	-	-	-	-	-	-	ND (0.0022)	ND (0.0023)	-	-	-	-	-	-	-
Dieldrin	1.4	ND (0.0022)	ND (0.0023)	-	-	-	-	-	-	-	ND (0.0022)	ND (0.0023)	-	-	-	-	-	-	-
Endosulfan I	200	ND (0.0072)	ND (0.0076)	-	-	-	-	-	-	-	ND (0.0075)	ND (0.0077)	-	-	-	-	-	-	-
Endosulfan II	200	ND (0.0072)	ND (0.0076)	-	-	-	-	-	-	-	ND (0.0075)	ND (0.0077)	-	-	-	-	-	-	-
Endosulfan sulfate	200	ND (0.0072)	ND (0.0076)	-	-	-	-	-	-	-	ND (0.0075)	ND (0.0077)	-	-	-	-	-	-	-
Endrin	89	ND (0.0072)	ND (0.0076)	-	-	-	-	-	-	-	ND (0.0075)	ND (0.0077)	-	-	-	-	-	-	-
Endrin aldehyde	NA	ND (0.0072)	ND (0.0076)	-	-	-	-	-	-	-	ND (0.0075)	ND (0.0077)	-	-	-	-	-	-	-
Endrin ketone	NA	ND (0.0072)	ND (0.0076)	-	-	-	-	-	-	-	ND (0.0075)	ND (0.0077)	-	-	-	-	-	-	-
gamma-BHC (Lindane)	9.2	ND (0.0022)	ND (0.0023)	-	-	-	-	-	-	-	ND (0.0022)	ND (0.0023)	-	-	-	-	-	-	-
Heptachlor	15	ND (0.0072)	ND (0.0076)	-	-	-	-	-	-	-	ND (0.0075)	ND (0.0077)	-	-	-	-	-	-	-
Heptachlor epoxide	NA	ND (0.0072)	ND (0.0076)	-	-	-	-	-	-	-	ND (0.0075)	ND (0.0077)	-	-	-	-	-	-	-
Methoxychlor	NA	ND (0.0072)	ND (0.0076)	-	-	-	-	-	-	-	ND (0.0075)	ND (0.0077)	-	-	-	-	-	-	-
Toxaphene	NA	ND (0.072)	ND (0.076)	-	-	-	-	-	-	-	ND (0.075)	ND (0.077)	-	-	-	-	-	-	-

TABLE 23
SUMMARY OF SOIL QUALITY DATA - BERM 58
FORMER PORT MOBIL TERMINAL
STATEN ISLAND, NEW YORK
FILE NO. 0208998

Location Name	Criteria																		
	NY Part 375	58E	58E	58E1	58E1	58E2	58E2	58E2	58E3	58E3	58F	58F	58F1	58F1	58F1	58F2	58F2	58F3	58F3
Sample Name	Commercial	58E_0-5	58E_5-10	58E1_1-2	58E1_5-6	58E2_2-3	58E2_7-8	58E2_9-10	58E3_4-5	58E3_8-9	58F_0-5	58F_5-10	58F1_1-2	58F1_5-6	58F1_9-10	58F2_3-4	58F2_7-8	58F3_4-5	58F3_8-9
Sample Date	Use	09/26/2025	09/26/2025	09/26/2025	09/26/2025	09/26/2025	09/26/2025	09/26/2025	09/26/2025	09/26/2025	09/26/2025	09/26/2025	09/26/2025	09/26/2025	09/26/2025	09/26/2025	09/26/2025	09/26/2025	09/26/2025
Lab Sample ID	Soil Cleanup	460-335806-9	460-335806-10	460-335806-49	460-335806-52	460-335806-50	460-335806-53	460-335806-55	460-335806-51	460-335806-54	460-335806-11	460-335806-12	460-335806-56	460-335806-59	460-335806-62	460-335806-57	460-335806-60	460-335806-58	460-335806-61
Sample Depth (bgs)	Objectives	0 - 5 (ft)	5 - 10 (ft)	1 - 2 (ft)	5 - 6 (ft)	2 - 3 (ft)	7 - 8 (ft)	9 - 10 (ft)	4 - 5 (ft)	8 - 9 (ft)	0 - 5 (ft)	5 - 10 (ft)	1 - 2 (ft)	5 - 6 (ft)	9 - 10 (ft)	3 - 4 (ft)	7 - 8 (ft)	4 - 5 (ft)	8 - 9 (ft)
Polychlorinated Biphenyls (mg/kg)																			
Aroclor-1016 (PCB-1016)	NA	ND (0.072)	ND (0.076)	-	-	-	-	-	-	-	ND (0.075)	ND (0.077)	-	-	-	-	-	-	-
Aroclor-1221 (PCB-1221)	NA	ND (0.072)	ND (0.076)	-	-	-	-	-	-	-	ND (0.075)	ND (0.077)	-	-	-	-	-	-	-
Aroclor-1232 (PCB-1232)	NA	ND (0.072)	ND (0.076)	-	-	-	-	-	-	-	ND (0.075)	ND (0.077)	-	-	-	-	-	-	-
Aroclor-1242 (PCB-1242)	NA	ND (0.072)	ND (0.076)	-	-	-	-	-	-	-	ND (0.075)	ND (0.077)	-	-	-	-	-	-	-
Aroclor-1248 (PCB-1248)	NA	ND (0.072)	ND (0.076)	-	-	-	-	-	-	-	ND (0.075)	ND (0.077)	-	-	-	-	-	-	-
Aroclor-1254 (PCB-1254)	NA	ND (0.072)	ND (0.076)	-	-	-	-	-	-	-	ND (0.075)	ND (0.077)	-	-	-	-	-	-	-
Aroclor-1260 (PCB-1260)	NA	ND (0.072)	ND (0.076)	-	-	-	-	-	-	-	ND (0.075)	ND (0.077)	-	-	-	-	-	-	-
Aroclor-1262 (PCB-1262)	NA	ND (0.072)	ND (0.076)	-	-	-	-	-	-	-	ND (0.075)	ND (0.077)	-	-	-	-	-	-	-
Aroclor-1268 (PCB-1268)	NA	ND (0.072)	ND (0.076)	-	-	-	-	-	-	-	ND (0.075)	ND (0.077)	-	-	-	-	-	-	-
Total PCBs	1	ND (0.072)	ND (0.076)	-	-	-	-	-	-	-	ND (0.075)	ND (0.077)	-	-	-	-	-	-	-
Inorganic Compounds (mg/kg)																			
Aluminum	NA	8560	7740	-	-	-	-	-	-	-	9610	7100	-	-	-	-	-	-	-
Antimony	NA	0.46 J	0.39 J	-	-	-	-	-	-	-	0.5 J	0.37 J	-	-	-	-	-	-	-
Arsenic	16	6.5	6.3	-	-	-	-	-	-	-	6.7	6.5	-	-	-	-	-	-	-
Barium	400	55.4	43	-	-	-	-	-	-	-	74.3	45.5	-	-	-	-	-	-	-
Beryllium	590	0.57	0.52	-	-	-	-	-	-	-	0.69	0.57	-	-	-	-	-	-	-
Cadmium	9.3	0.28 J	0.23 J	-	-	-	-	-	-	-	0.29 J	0.22 J	-	-	-	-	-	-	-
Calcium	NA	14400	2260	-	-	-	-	-	-	-	1850	2290	-	-	-	-	-	-	-
Chromium	NA	15.3	14.2	-	-	-	-	-	-	-	19.8	14.9	-	-	-	-	-	-	-
Cobalt	NA	6.9	6.2	-	-	-	-	-	-	-	7.4	6.4	-	-	-	-	-	-	-
Copper	270	31.7	29.2	-	-	-	-	-	-	-	36	37.6	-	-	-	-	-	-	-
Iron	NA	19100	18500	-	-	-	-	-	-	-	20800	18000	-	-	-	-	-	-	-
Lead	1000	97	57.7	-	-	-	-	-	-	-	166	77.5	-	-	-	-	-	-	-
Magnesium	NA	4250	3260	-	-	-	-	-	-	-	2490	2790	-	-	-	-	-	-	-
Manganese	10000	289	262	-	-	-	-	-	-	-	286	262	-	-	-	-	-	-	-
Mercury	2.8	0.027	0.026	-	-	-	-	-	-	-	0.029	0.039	-	-	-	-	-	-	-
Nickel	310	13.5	12.6	-	-	-	-	-	-	-	16.5	16.3	-	-	-	-	-	-	-
Potassium	NA	1060	1100	-	-	-	-	-	-	-	1250	975	-	-	-	-	-	-	-
Selenium	1500	0.21 J	0.18 J	-	-	-	-	-	-	-	0.25 J	0.22 J	-	-	-	-	-	-	-
Silver	1500	0.19 J	0.16 J	-	-	-	-	-	-	-	0.21 J	0.19 J	-	-	-	-	-	-	-
Sodium	NA	104	77.6 J	-	-	-	-	-	-	-	137	87.7 J	-	-	-	-	-	-	-
Thallium	NA	0.11 J	0.1 J	-	-	-	-	-	-	-	0.12 J	0.088 J	-	-	-	-	-	-	-
Vanadium	NA	24.3	22.9	-	-	-	-	-	-	-	26.7	25.5	-	-	-	-	-	-	-
Zinc	10000	71	53.2	-	-	-	-	-	-	-	91.7	91.3	-	-	-	-	-	-	-

ABBREVIATIONS AND NOTES:

mg/kg: milligram per kilogram

**: LCS or LCSD is outside acceptance limits.*
-: Not Analyzed
B: Compound was found in the blank and the associated sample.
bgs: below ground surface
ft: feet
J: Value is estimated.
NA: Not Applicable
ND (2.5): Not detected, number in parentheses is the laboratory reporting limit

- For test methods used, see the laboratory data sheets.
- Soil analytical results are compared to the New York State Department of Environmental Conservation (NYSDEC) Title 6 of the Official Compilation of New York Codes, Rules, and Regulations (NYCRR) Part 375 Commercial Use Soil Cleanup Objectives (SCO).
- Grey shading indicates an exceedance of the Commercial Use Soil Cleanup Objectives.

TABLE 23
SUMMARY OF SOIL QUALITY DATA - BERM 58
FORMER PORT MOBIL TERMINAL
STATEN ISLAND, NEW YORK
FILE NO. 0208998

	Criteria																		
Location Name	NY Part 375	58G	58G	58G1	58G1	58G2	58G2	58G3	58G3	58G3	58H	58H	58H1	58H1	58H1	58H2	58H2	58H3	58H3
Sample Name	Commercial	58G_0-5	58G_5-10	58G1_1-2	58G1_5-6	58G2_3-4	58G2_7-8	58G3_4-5	58G3_6-7	58G3_9-10	58H_0-5	58H_5-10	58H1_2-3	58H1_5-6	58H1_9-10	58H2_3-4	58H2_6-7	58H3_1-2	58H3_7-8
Sample Date	Use	09/26/2025	09/26/2025	09/26/2025	09/26/2025	09/26/2025	09/26/2025	09/26/2025	09/26/2025	09/26/2025	09/26/2025	09/26/2025	09/26/2025	09/26/2025	09/26/2025	09/26/2025	09/26/2025	09/26/2025	09/26/2025
Lab Sample ID	Soil Cleanup	460-335806-13	460-335806-14	460-335806-63	460-335806-66	460-335806-64	460-335806-67	460-335806-65	460-335806-69	460-335806-68	460-335806-15	460-335806-16	460-335806-70	460-335806-73	460-335806-76	460-335806-71	460-335806-74	460-335806-72	460-335806-75
Sample Depth (bgs)	Objectives	0 - 5 (ft)	5 - 10 (ft)	1 - 2 (ft)	5 - 6 (ft)	3 - 4 (ft)	7 - 8 (ft)	4 - 5 (ft)	6 - 7 (ft)	9 - 10 (ft)	0 - 5 (ft)	5 - 10 (ft)	2 - 3 (ft)	5 - 6 (ft)	9 - 10 (ft)	3 - 4 (ft)	6 - 7 (ft)	1 - 2 (ft)	7 - 8 (ft)
Volatile Organic Compounds (mg/kg)																			
1,1,1-Trichloroethane	500	-	-	ND (0.0014)	ND (0.00077)	ND (0.001)	ND (0.0011)	ND (0.0012)	ND (0.001)	ND (0.00088)	-	-	ND (0.0017)	ND (0.0011)	ND (0.00093)	ND (0.0012)	ND (0.00083)	ND (0.0013)	ND (0.0011)
1,1,2,2-Tetrachloroethane	NA	-	-	ND (0.0014)	ND (0.00077)	ND (0.001)	ND (0.0011)	ND (0.0012)	ND (0.001)	ND (0.00088)	-	-	ND (0.0017)	ND (0.0011)	ND (0.00093)	ND (0.0012)	ND (0.00083)	ND (0.0013)	ND (0.0011)
1,1,2-Trichloroethane	NA	-	-	ND (0.0014)	ND (0.00077)	ND (0.001)	ND (0.0011)	ND (0.0012)	ND (0.001)	ND (0.00088)	-	-	ND (0.0017)	ND (0.0011)	ND (0.00093)	ND (0.0012)	ND (0.00083)	ND (0.0013)	ND (0.0011)
1,1-Dichloroethane	240	-	-	ND (0.0014)	ND (0.00077)	ND (0.001)	ND (0.0011)	ND (0.0012)	ND (0.001)	ND (0.00088)	-	-	ND (0.0017)	ND (0.0011)	ND (0.00093)	ND (0.0012)	ND (0.00083)	ND (0.0013)	ND (0.0011)
1,1-Dichloroethene	500	-	-	ND (0.0014)	ND (0.00077) *	ND (0.001) *	ND (0.0011) *	ND (0.0012) *	ND (0.001) *	ND (0.00088) *	-	-	ND (0.0017) *	ND (0.0011) *	ND (0.00093) *	ND (0.0012) *	ND (0.00083) *	ND (0.0013) *	ND (0.0011) *
1,2,3-Trichlorobenzene	NA	-	-	ND (0.0014)	ND (0.00077)	ND (0.001)	ND (0.0011)	ND (0.0012)	ND (0.001)	ND (0.00088)	-	-	ND (0.0017)	ND (0.0011)	ND (0.00093)	ND (0.0012)	ND (0.00083)	ND (0.0013)	ND (0.0011)
1,2,4-Trichlorobenzene	NA	-	-	ND (0.0014)	ND (0.00077)	ND (0.001)	ND (0.0011)	ND (0.0012)	ND (0.001)	ND (0.00088)	-	-	ND (0.0017)	ND (0.0011)	ND (0.00093)	ND (0.0012)	ND (0.00083)	ND (0.0013)	ND (0.0011)
1,2,4-Trimethylbenzene	190	-	-	ND (0.0014)	ND (0.00077)	ND (0.001)	ND (0.0011)	ND (0.0012)	ND (0.001)	ND (0.00088)	-	-	ND (0.0017)	ND (0.0011)	ND (0.00093)	ND (0.0012)	ND (0.00083)	ND (0.0013)	ND (0.0011)
1,2-Dibromo-3-chloropropane (DBCP)	NA	-	-	ND (0.0014)	ND (0.00077)	ND (0.001)	ND (0.0011)	ND (0.0012)	ND (0.001)	ND (0.00088)	-	-	ND (0.0017)	ND (0.0011)	ND (0.00093)	ND (0.0012)	ND (0.00083)	ND (0.0013)	ND (0.0011)
1,2-Dibromoethane (Ethylene Dibromide)	NA	-	-	ND (0.0014)	ND (0.00077)	ND (0.001)	ND (0.0011)	ND (0.0012)	ND (0.001)	ND (0.00088)	-	-	ND (0.0017)	ND (0.0011)	ND (0.00093)	ND (0.0012)	ND (0.00083)	ND (0.0013)	ND (0.0011)
1,2-Dichlorobenzene	500	-	-	ND (0.0014)	ND (0.00077)	ND (0.001)	ND (0.0011)	ND (0.0012)	ND (0.001)	ND (0.00088)	-	-	ND (0.0017)	ND (0.0011)	ND (0.00093)	ND (0.0012)	ND (0.00083)	ND (0.0013)	ND (0.0011)
1,2-Dichloroethane	30	-	-	ND (0.0014)	ND (0.00077)	ND (0.001)	ND (0.0011)	ND (0.0012)	ND (0.001)	ND (0.00088)	-	-	ND (0.0017)	ND (0.0011)	ND (0.00093)	ND (0.0012)	ND (0.00083)	ND (0.0013)	ND (0.0011)
1,2-Dichloropropane	NA	-	-	ND (0.0014)	ND (0.00077)	ND (0.001)	ND (0.0011)	ND (0.0012)	ND (0.001)	ND (0.00088)	-	-	ND (0.0017)	ND (0.0011)	ND (0.00093)	ND (0.0012)	ND (0.00083)	ND (0.0013)	ND (0.0011)
1,3,5-Trimethylbenzene	190	-	-	ND (0.0014)	ND (0.00077)	ND (0.001)	ND (0.0011)	ND (0.0012)	ND (0.001)	ND (0.00088)	-	-	ND (0.0017)	ND (0.0011)	ND (0.00093)	ND (0.0012)	ND (0.00083)	ND (0.0013)	ND (0.0011)
1,3-Dichlorobenzene	280	-	-	ND (0.0014)	ND (0.00077)	ND (0.001)	ND (0.0011)	ND (0.0012)	ND (0.001)	ND (0.00088)	-	-	ND (0.0017)	ND (0.0011)	ND (0.00093)	ND (0.0012)	ND (0.00083)	ND (0.0013)	ND (0.0011)
1,4-Dichlorobenzene	130	-	-	ND (0.0014)	ND (0.00077)	ND (0.001)	ND (0.0011)	ND (0.0012)	ND (0.001)	ND (0.00088)	-	-	ND (0.0017)	ND (0.0011)	ND (0.00093)	ND (0.0012)	ND (0.00083)	ND (0.0013)	ND (0.0011)
2-Butanone (Methyl Ethyl Ketone)	500	-	-	ND (0.0069)	ND (0.0038)	ND (0.005)	ND (0.0055)	ND (0.0062)	ND (0.0051)	ND (0.0044)	-	-	ND (0.0084)	ND (0.0053)	ND (0.0046)	ND (0.006)	ND (0.0042)	ND (0.0063)	ND (0.0056)
2-Hexanone (Methyl Butyl Ketone)	NA	-	-	ND (0.0069)	ND (0.0038)	ND (0.005)	ND (0.0055)	ND (0.0062)	ND (0.0051)	ND (0.0044)	-	-	ND (0.0084)	ND (0.0053)	ND (0.0046)	ND (0.006)	ND (0.0042)	ND (0.0063)	ND (0.0056)
2-Phenylbutane (sec-Butylbenzene)	500	-	-	ND (0.0014)	ND (0.00077)	ND (0.001)	ND (0.0011)	ND (0.0012)	ND (0.001)	ND (0.00088)	-	-	ND (0.0017)	ND (0.0011)	ND (0.00093)	ND (0.0012)	ND (0.00083)	ND (0.0013)	ND (0.0011)
4-Methyl-2-Pentanone (Methyl Isobutyl Ketone)	NA	-	-	ND (0.0069)	ND (0.0038)	ND (0.005)	ND (0.0055)	ND (0.0062)	ND (0.0051)	ND (0.0044)	-	-	ND (0.0084)	ND (0.0053)	ND (0.0046)	ND (0.006)	ND (0.0042)	ND (0.0063)	ND (0.0056)
Acetone	500	-	-	ND (0.0083)	0.013	ND (0.006)	ND (0.0066)	ND (0.0074)	ND (0.0061)	ND (0.0053)	-	-	ND (0.01)	ND (0.0063)	ND (0.0056)	ND (0.0072)	ND (0.005)	ND (0.0075)	ND (0.0067)
Benzene	44	-	-	ND (0.0014)	ND (0.00077)	ND (0.001)	ND (0.0011)	ND (0.0012)	ND (0.001)	ND (0.00088)	-	-	ND (0.0017)	ND (0.0011)	ND (0.00093)	ND (0.0012)	ND (0.00083)	ND (0.0013)	ND (0.0011)
Bromodichloromethane	NA	-	-	ND (0.0014)	ND (0.00077)	ND (0.001)	ND (0.0011)	ND (0.0012)	ND (0.001)	ND (0.00088)	-	-	ND (0.0017)	ND (0.0011)	ND (0.00093)	ND (0.0012)	ND (0.00083)	ND (0.0013)	ND (0.0011)
Bromoform	NA	-	-	ND (0.0014)	ND (0.00077)	ND (0.001)	ND (0.0011)	ND (0.0012)	ND (0.001)	ND (0.00088)	-	-	ND (0.0017)	ND (0.0011)	ND (0.00093)	ND (0.0012)	ND (0.00083)	ND (0.0013)	ND (0.0011)
Bromomethane (Methyl Bromide)	NA	-	-	ND (0.0028)	ND (0.0015)	ND (0.002)	ND (0.0022)	ND (0.0025)	ND (0.002)	ND (0.0018)	-	-	ND (0.0034)	ND (0.0021)	ND (0.0019)	ND (0.0024)	ND (0.0017)	ND (0.0025)	ND (0.0022)
Carbon disulfide	NA	-	-	ND (0.0014)	ND (0.00077)	ND (0.001)	ND (0.0011)	ND (0.0012)	ND (0.001)	ND (0.00088)	-	-	ND (0.0017)	ND (0.0011)	ND (0.00093)	ND (0.0012)	ND (0.00083)	ND (0.0013)	ND (0.0011)
Carbon tetrachloride	22	-	-	ND (0.0014)	ND (0.00077)	ND (0.001)	ND (0.0011)	ND (0.0012)	ND (0.001)	ND (0.00088)	-	-	ND (0.0017)	ND (0.0011)	ND (0.00093)	ND (0.0012)	ND (0.00083)	ND (0.0013)	ND (0.0011)
Chlorobenzene	500	-	-	ND (0.0014)	ND (0.00077)	ND (0.001)	ND (0.0011)	ND (0.0012)	ND (0.001)	ND (0.00088)	-	-	ND (0.0017)	ND (0.0011)	ND (0.00093)	ND (0.0012)	ND (0.00083)	ND (0.0013)	ND (0.0011)
Chlorobromomethane	NA	-	-	ND (0.0014)	ND (0.00077)	ND (0.001)	ND (0.0011)	ND (0.0012)	ND (0.001)	ND (0.00088)	-	-	ND (0.0017)	ND (0.0011)	ND (0.00093)	ND (0.0012)	ND (0.00083)	ND (0.0013)	ND (0.0011)
Chloroethane	NA	-	-	ND (0.0014)	ND (0.00077)	ND (0.001)	ND (0.0011)	ND (0.0012)	ND (0.001)	ND (0.00088)	-	-	ND (0.0017)	ND (0.0011)	ND (0.00093)	ND (0.0012)	ND (0.00083)	ND (0.0013)	ND (0.0011)
Chloroform (Trichloromethane)	350	-	-	ND (0.0014)	ND (0.00077)	ND (0.001)	ND (0.0011)	ND (0.0012)	ND (0.001)	ND (0.00088)	-	-	ND (0.0017)	ND (0.0011)	ND (0.00093)	ND (0.0012)	ND (0.00083)	ND (0.0013)	ND (0.0011)
Chloromethane (Methyl Chloride)	NA	-	-	ND (0.0014)	ND (0.00077)	ND (0.001)	ND (0.0011)	ND (0.0012)	ND (0.001)	ND (0.00088)	-	-	ND (0.0017)	ND (0.0011)	ND (0.00093)	ND (0.0012)	ND (0.00083)	ND (0.0013)	ND (0.0011)
cis-1,2-Dichloroethene	500	-	-	ND (0.0014)	ND (0.00077)	ND (0.001)	ND (0.0011)	ND (0.0012)	ND (0.001)	ND (0.00088)	-	-	ND (0.0017)	ND (0.0011)	ND (0.00093)	ND (0.0012)	ND (0.00083)	ND (0.0013)	ND (0.0011)
cis-1,3-Dichloropropene	NA	-	-	ND (0.0014)	ND (0.00077)	ND (0.001)	ND (0.0011)	ND (0.0012)	ND (0.001)	ND (0.00088)	-	-	ND (0.0017)	ND (0.0011)	ND (0.00093)	ND (0.0012)	ND (0.00083)	ND (0.0013)	ND (0.0011)
Cyclohexane	NA	-	-	ND (0.0014)	ND (0.00077)	ND (0.001)	ND (0.0011)	ND (0.0012)	ND (0.001)	ND (0.00088)	-	-	ND (0.0017)	ND (0.0011)	ND (0.00093)	ND (0.0012)	ND (0.00083)	ND (0.0013)	ND (0.0011)
Dibromochloromethane	NA	-	-	ND (0.0014)	ND (0.00077)	ND (0.001)	ND (0.0011)	ND (0.0012)	ND (0.001)	ND (0.00088)	-	-	ND (0.0017)	ND (0.0011)	ND (0.00093)	ND (0.0012)	ND (0.00083)	ND (0.0013)	ND (0.0011)
Dichlorodifluoromethane (CFC-12)	NA	-	-	ND (0.0014)	ND (0.00077)	ND (0.001)	ND (0.0011)	ND (0.0012)	ND (0.001)	ND (0.00088)	-	-	ND (0.0017)	ND (0.0011)	ND (0.00093)	ND (0.0012)	ND (0.00083)	ND (0.0013)	ND (0.0011)
Ethylbenzene	390	-	-	ND (0.0014)	ND (0.00077)	ND (0.001)	ND (0.0011)	ND (0.0012)	ND (0.001)	ND (0.00088)	-	-	ND (0.0017)	ND (0.0011)	ND (0.00093)	ND (0.0012)	ND (0.00083)	ND (0.0013)	ND (0.0011)
Isopropylbenzene (Cumene)	NA	-	-	ND (0.0014)	ND (0.00077)	ND (0.001)	ND (0.0011)	ND (0.0012)	ND (0.001)	ND (0.00088)	-	-	ND (0.0017)	ND (0.0011)	ND (0.00093)	ND (0.0012)	ND (0.00083)	ND (0.0013)	ND (0.0011)
m,p-Xylenes	NA	-	-	ND (0.0014)	ND (0.00077)	ND (0.001)	ND (0.0011)	ND (0.0012)	ND (0.001)	ND (0.00088)	-	-	ND (0.0017)	ND (0.0011)	ND (0.00093)	ND (0.0012)	ND (0.00083)	ND (0.0013)	ND (0.0011)
Methyl acetate	NA	-	-	ND (0.0069)	ND (0.0038)	ND (0.005)	ND (0.0055)	ND (0.0062)	ND (0.0051)	ND (0.0044)	-	-	ND (0.0084)	ND (0.0053)	ND (0.0046)	ND (0.006)	ND (0.0042)	ND (0.0063)	ND (0.0056)
Methyl Tert Butyl Ether (MTBE)	500	-	-	ND (0.0014)	ND (0.00077)	ND (0.001)	ND (0.0011)	ND (0.0012)	ND (0.001)	ND (0.00088)	-	-	ND (0.0017)	ND (0.0011)	ND (0.00093)	ND (0.0012)	ND (0.00083)	ND (0.0013)	ND (0.0011)
Methylcyclohexane	NA	-	-	ND (0.0014)	ND (0.00077)	ND (0.001)	ND (0.0011)	ND (0.0012)	ND (0.001)	ND (0.00088)	-	-	ND (0.0017)	ND (0.0011)	ND (0.00093)	ND (0.0012)	ND (0.00083)	ND (0.0013)	ND (0.0011)
Methylene chloride (Dichloromethane)	500	-	-	ND (0.0028)	0.0011 J	0.0013 J	0.0021 J	ND (0.0025)	ND (0.002)	0.003	-	-	0.0055	0.0034	0.002	0.0032	ND (0.0017)	0.0048	0.0037
n-Butylbenzene	500	-	-	ND (0.0014)	ND (0.00077)	ND (0.001)	ND (0.0011)	ND (0.0012)	ND (0.001)	ND (0.00088)	-	-	ND (0.0017)	ND (0.0011)	ND (0.00093)	ND (0.0012)	ND (0.00083)	ND (0.0013)	ND (0.0011)
n-Propylbenzene	500	-	-	ND (0.0014)	ND (0.00077)	ND (0.001)	ND (0.0011)	ND (0.0012)	ND (0.001)	ND (0.00088)	-	-	ND (0.0017)	ND (0.0011)	ND (0.00093)	ND (0.0012)	ND (0.00083)	ND (0.0013)	ND (0.0011)
o-Xylene	NA	-	-	ND (0.0014)	ND (0.00077)	ND (0.001)	ND (0.0011)	ND (0.0012)	ND (0.001)	ND (0.00088)	-	-	ND (0.0017)	ND (0.0011)	ND (0.00093)	ND (0.0012)	ND (0.00083)	ND (0.0013)	ND (0.0011)
Styrene	NA	-	-	ND (0.0014)	ND (0.00077)	ND (0.001)	ND (0.0011)	ND (0.0012)	ND (0.001)	ND (0.00088)	-	-	ND (0.0017)	ND (0.0011)	ND (0.00093)	ND (0.0012)	ND (0.00083)	ND (0.0013)	ND (0.0011)
tert-Butylbenzene	500	-	-	ND (0.0014)	ND (0.00077)	ND (0.001)	ND (0.0011)	ND (0.0012)	ND (0.001)	ND (0.00088)	-	-	ND (0.0017)	ND (0.0011)	ND (0.00093)	ND (0.0012)	ND (0.00083)	ND (0.0013)	ND (0.0011)
Tetrachloroethene	150	-	-	ND (0.0014)	ND (0.00077)	ND (0.001)	ND (0.0011)	ND (0.0012)	ND (0.001)	ND (0.00088)	-	-	ND (0.0017)	ND (0.0011)	ND (0.00093)	ND (0.0012)	ND (0.00083)	ND (0.0013)	ND (0.0011)
Toluene	500	-	-	ND (0.0014)	ND (0.00077)	ND (0.001)	ND (0.0011)	ND (0.0012)	ND (0.001)	ND (0.00088)	-	-	ND (0.0017)	ND (0.0011)	ND (0.00093)	ND (0.0012)	ND (0.00083)	ND (0.0013)	ND (0.0011)
trans-1,2-Dichloroethene	500	-	-	ND (0.0014)	ND (0.00077)	ND (0.001)	ND (0.0011)	ND (0.0012)	ND (0.001)	ND (0.00088)	-	-	ND (0.0017)	ND (0.0011)	ND (0.00093)	ND (0.0012)	ND (0.00083)	ND (0.0013)	ND (0.0011)
trans-1,3-Dichloropropene	NA	-	-	ND (0.0014)	ND (0.00077)	ND (0.001)	ND (0.0011)	ND (0.0012)	ND (0.001)	ND (0.00088)	-	-	ND (0.0017)	ND (0.0011)	ND (0.00093)	ND (0.0012)	ND (0.00083)	ND (0.0013)	ND (0.0011)
Trichloroethene	200	-	-	ND (0.0014)	ND (0.00077)	ND (0.001)	ND (0.0011)	ND (0.0012)	ND (0.001)	ND (0.00088)	-	-	ND (0.0017)	ND (0.0011)	ND (0.00093)	ND (0.0012)	ND (0.00083)	ND (0.0013)	ND (0.0011)
Trichlorofluoromethane (CFC-11)	NA	-	-	ND (0.0014)	ND (0.00077)	ND (0.001)	ND (0.0011)	ND (0.0012)	ND (0.001)	ND (0.00088)	-	-	ND (0.0017)	ND (0.0011)	ND (0.00093)	ND (0.0012)	ND (0.00083)	ND (0.0013)	ND (0.0011)
Trifluorotrichloroethane (Freon 113)	NA	-	-	ND (0.0014)	ND (0.00077)	ND (0.001)	ND (0.0011)	ND (0.0012)	ND (0.001)	ND (0.00088)	-	-	ND (0.0017)	ND (0.0011)	ND (0.00093)	ND (0.0012)	ND (0.00083)	ND (0.0013)	ND (0.0011)
Vinyl chloride	13	-	-	ND (0.0014)	ND (0.00077)	ND (0.001)	ND (0.0011)	ND (0.0012)	ND (0.001)	ND (0.00088)	-	-	ND (0.0017)	ND (0.0011)	ND (0.00093)	ND (0.0012)	ND (0.00083)	ND (0.0013)	ND (0.0011)
Xylene (Total)	500	-	-	ND (0.0028)	ND (0.0015)	ND (0.002)	ND (0.0022)	ND (0.0025)	ND (0.002)	ND (0.0018)	-	-	ND (0.0034)	ND (0.0021)	ND (0.0019)	ND (0.0024)	ND (0.0017)	ND (0.0025)	ND (0.0022)

TABLE 23
SUMMARY OF SOIL QUALITY DATA - BERM 58
FORMER PORT MOBIL TERMINAL
STATEN ISLAND, NEW YORK
FILE NO. 0208998

	Criteria																		
Location Name	NY Part 375	58G	58G	58G1	58G1	58G2	58G2	58G3	58G3	58G3	58H	58H	58H1	58H1	58H1	58H2	58H2	58H3	58H3
Sample Name	Commercial	58G_0-5	58G_5-10	58G1_1-2	58G1_5-6	58G2_3-4	58G2_7-8	58G3_4-5	58G3_6-7	58G3_9-10	58H_0-5	58H_5-10	58H1_2-3	58H1_5-6	58H1_9-10	58H2_3-4	58H2_6-7	58H3_1-2	58H3_7-8
Sample Date	Use	09/26/2025	09/26/2025	09/26/2025	09/26/2025	09/26/2025	09/26/2025	09/26/2025	09/26/2025	09/26/2025	09/26/2025	09/26/2025	09/26/2025	09/26/2025	09/26/2025	09/26/2025	09/26/2025	09/26/2025	09/26/2025
Lab Sample ID	Soil Cleanup	460-335806-13	460-335806-14	460-335806-63	460-335806-66	460-335806-64	460-335806-67	460-335806-65	460-335806-69	460-335806-68	460-335806-15	460-335806-16	460-335806-70	460-335806-73	460-335806-76	460-335806-71	460-335806-74	460-335806-72	460-335806-75
Sample Depth (bgs)	Objectives	0 - 5 (ft)	5 - 10 (ft)	1 - 2 (ft)	5 - 6 (ft)	3 - 4 (ft)	7 - 8 (ft)	4 - 5 (ft)	6 - 7 (ft)	9 - 10 (ft)	0 - 5 (ft)	5 - 10 (ft)	2 - 3 (ft)	5 - 6 (ft)	9 - 10 (ft)	3 - 4 (ft)	6 - 7 (ft)	1 - 2 (ft)	7 - 8 (ft)
Semi-Volatile Organic Compounds (mg/kg)																			
1,2,4,5-Tetrachlorobenzene	NA	ND (0.37)	ND (0.36)	-	-	-	-	-	-	-	ND (0.35)	ND (0.36)	-	-	-	-	-	-	-
1,4-Dioxane	130	ND (0.037)	ND (0.036)	-	-	-	-	-	-	-	ND (0.035)	ND (0.036)	-	-	-	-	-	-	-
2,2'-oxybis(1-Chloropropane)	NA	ND (0.37)	ND (0.36)	-	-	-	-	-	-	-	ND (0.35)	ND (0.36)	-	-	-	-	-	-	-
2,3,4,6-Tetrachlorophenol	NA	ND (0.37)	ND (0.36)	-	-	-	-	-	-	-	ND (0.35)	ND (0.36)	-	-	-	-	-	-	-
2,4,5-Trichlorophenol	NA	ND (0.37)	ND (0.36)	-	-	-	-	-	-	-	ND (0.35)	ND (0.36)	-	-	-	-	-	-	-
2,4,6-Trichlorophenol	NA	ND (0.15)	ND (0.15)	-	-	-	-	-	-	-	ND (0.14)	ND (0.15)	-	-	-	-	-	-	-
2,4-Dichlorophenol	NA	ND (0.15)	ND (0.15)	-	-	-	-	-	-	-	ND (0.14)	ND (0.15)	-	-	-	-	-	-	-
2,4-Dimethylphenol	NA	ND (0.37)	ND (0.36)	-	-	-	-	-	-	-	ND (0.35)	ND (0.36)	-	-	-	-	-	-	-
2,4-Dinitrophenol	NA	ND (0.3)	ND (0.29)	-	-	-	-	-	-	-	ND (0.28)	ND (0.29)	-	-	-	-	-	-	-
2,4-Dinitrotoluene	NA	ND (0.075)	ND (0.074)	-	-	-	-	-	-	-	ND (0.072)	ND (0.074)	-	-	-	-	-	-	-
2,6-Dinitrotoluene	NA	ND (0.075)	ND (0.074)	-	-	-	-	-	-	-	ND (0.072)	ND (0.074)	-	-	-	-	-	-	-
2-Chloronaphthalene	NA	ND (0.37)	ND (0.36)	-	-	-	-	-	-	-	ND (0.35)	ND (0.36)	-	-	-	-	-	-	-
2-Chlorophenol	NA	ND (0.37)	ND (0.36)	-	-	-	-	-	-	-	ND (0.35)	ND (0.36)	-	-	-	-	-	-	-
2-Methylnaphthalene	NA	ND (0.37)	ND (0.36)	-	-	-	-	-	-	-	ND (0.35)	ND (0.36)	-	-	-	-	-	-	-
2-Methylphenol (o-Cresol)	500	ND (0.37)	ND (0.36)	-	-	-	-	-	-	-	ND (0.35)	ND (0.36)	-	-	-	-	-	-	-
2-Nitroaniline	NA	ND (0.37)	ND (0.36)	-	-	-	-	-	-	-	ND (0.35)	ND (0.36)	-	-	-	-	-	-	-
2-Nitrophenol	NA	ND (0.37)	ND (0.36)	-	-	-	-	-	-	-	ND (0.35)	ND (0.36)	-	-	-	-	-	-	-
3&4-Methylphenol	NA	ND (0.37)	ND (0.36)	-	-	-	-	-	-	-	ND (0.35)	ND (0.36)	-	-	-	-	-	-	-
3,3'-Dichlorobenzidine	NA	ND (0.15)	ND (0.15)	-	-	-	-	-	-	-	ND (0.14)	ND (0.15)	-	-	-	-	-	-	-
3-Nitroaniline	NA	ND (0.37)	ND (0.36)	-	-	-	-	-	-	-	ND (0.35)	ND (0.36)	-	-	-	-	-	-	-
4,6-Dinitro-2-methylphenol	NA	ND (0.3)	ND (0.29)	-	-	-	-	-	-	-	ND (0.28)	ND (0.29)	-	-	-	-	-	-	-
4-Bromophenyl phenyl ether (BDE-3)	NA	ND (0.37)	ND (0.36)	-	-	-	-	-	-	-	ND (0.35)	ND (0.36)	-	-	-	-	-	-	-
4-Chloro-3-methylphenol	NA	ND (0.37)	ND (0.36)	-	-	-	-	-	-	-	ND (0.35)	ND (0.36)	-	-	-	-	-	-	-
4-Chloroaniline	NA	ND (0.37)	ND (0.36)	-	-	-	-	-	-	-	ND (0.35)	ND (0.36)	-	-	-	-	-	-	-
4-Chlorophenyl phenyl ether	NA	ND (0.37)	ND (0.36)	-	-	-	-	-	-	-	ND (0.35)	ND (0.36)	-	-	-	-	-	-	-
4-Methylphenol	500	ND (0.37)	ND (0.36)	-	-	-	-	-	-	-	ND (0.35)	ND (0.36)	-	-	-	-	-	-	-
4-Nitroaniline	NA	ND (0.37)	ND (0.36)	-	-	-	-	-	-	-	ND (0.35)	ND (0.36)	-	-	-	-	-	-	-
4-Nitrophenol	NA	ND (0.75)	ND (0.74)	-	-	-	-	-	-	-	ND (0.72)	ND (0.74)	-	-	-	-	-	-	-
Acenaphthene	500	ND (0.37)	ND (0.36)	-	-	-	-	-	-	-	ND (0.35)	ND (0.36)	-	-	-	-	-	-	-
Acenaphthylene	500	ND (0.37)	0.015 J	-	-	-	-	-	-	-	ND (0.35)	0.018 J	-	-	-	-	-	-	-
Acetophenone	NA	ND (0.37)	ND (0.36)	-	-	-	-	-	-	-	ND (0.35)	ND (0.36)	-	-	-	-	-	-	-
Anthracene	500	ND (0.37)	0.026 J	-	-	-	-	-	-	-	ND (0.35)	ND (0.36)	-	-	-	-	-	-	-
Atrazine	NA	ND (0.15)	ND (0.15)	-	-	-	-	-	-	-	ND (0.14)	ND (0.15) *	-	-	-	-	-	-	-
Benzaldehyde	NA	ND (0.37)	ND (0.36)	-	-	-	-	-	-	-	ND (0.35)	ND (0.36) *	-	-	-	-	-	-	-
Benzo(a)anthracene	5.6	ND (0.037)	ND (0.036)	-	-	-	-	-	-	-	ND (0.035)	ND (0.036)	-	-	-	-	-	-	-
Benzo(a)pyrene	1	ND (0.037)	0.026 J	-	-	-	-	-	-	-	ND (0.035)	0.017 J	-	-	-	-	-	-	-
Benzo(b)fluoranthene	5.6	ND (0.037)	0.035 J	-	-	-	-	-	-	-	ND (0.035)	0.02 J	-	-	-	-	-	-	-
Benzo(g,h,i)perylene	500	ND (0.37)	0.034 J	-	-	-	-	-	-	-	ND (0.35)	0.018 J	-	-	-	-	-	-	-
Benzo(k)fluoranthene	56	ND (0.037)	0.012 J	-	-	-	-	-	-	-	ND (0.035)	0.0095 J	-	-	-	-	-	-	-
Biphenyl	NA	ND (0.37)	ND (0.36)	-	-	-	-	-	-	-	ND (0.35)	ND (0.36)	-	-	-	-	-	-	-
bis(2-Chloroethoxy)methane	NA	ND (0.37)	ND (0.36)	-	-	-	-	-	-	-	ND (0.35)	ND (0.36)	-	-	-	-	-	-	-
bis(2-Chloroethyl)ether	NA	ND (0.037)	ND (0.036)	-	-	-	-	-	-	-	ND (0.035)	ND (0.036)	-	-	-	-	-	-	-
bis(2-Ethylhexyl)phthalate	NA	ND (0.37)	ND (0.36)	-	-	-	-	-	-	-	ND (0.35)	ND (0.36)	-	-	-	-	-	-	-
Butyl benzylphthalate (BBP)	NA	ND (0.37)	ND (0.36)	-	-	-	-	-	-	-	ND (0.35)	ND (0.36)	-	-	-	-	-	-	-
Caprolactam	NA	ND (0.37)	ND (0.36)	-	-	-	-	-	-	-	ND (0.35)	ND (0.36)	-	-	-	-	-	-	-
Carbazole	NA	ND (0.37)	ND (0.36)	-	-	-	-	-	-	-	ND (0.35)	ND (0.36)	-	-	-	-	-	-	-
Chrysene	56	ND (0.37)	0.022 J	-	-	-	-	-	-	-	ND (0.35)	0.015 J	-	-	-	-	-	-	-
Dibenz(a,h)anthracene	0.56	ND (0.037)	ND (0.036)	-	-	-	-	-	-	-	ND (0.035)	ND (0.036)	-	-	-	-	-	-	-
Dibenzofuran	350	ND (0.37)	ND (0.36)	-	-	-	-	-	-	-	ND (0.35)	ND (0.36)	-	-	-	-	-	-	-
Diethyl phthalate	NA	ND (0.37)	ND (0.36)	-	-	-	-	-	-	-	ND (0.35)	ND (0.36)	-	-	-	-	-	-	-
Dimethyl phthalate	NA	ND (0.37)	ND (0.36)	-	-	-	-	-	-	-	ND (0.35)	ND (0.36)	-	-	-	-	-	-	-
Di-n-butylphthalate (DBP)	NA	ND (0.37)	ND (0.36)	-	-	-	-	-	-	-	ND (0.35)	ND (0.36)	-	-	-	-	-	-	-
Di-n-octyl phthalate (DnOP)	NA	ND (0.37)	ND (0.36)	-	-	-	-	-	-	-	ND (0.35)	ND (0.36)	-	-	-	-	-	-	-
Fluoranthene	500	ND (0.37)	0.038 J	-	-	-	-	-	-	-	ND (0.35)	0.017 J	-	-	-	-	-	-	-
Fluorene	500	ND (0.37)	ND (0.36)	-	-	-	-	-	-	-	ND (0.35)	ND (0.36)	-	-	-	-	-	-	-
Hexachlorobenzene	6	ND (0.037)	ND (0.036)	-	-	-	-	-	-	-	ND (0.035)	ND (0.036)	-	-	-	-	-	-	-
Hexachlorobutadiene	NA	ND (0.075)	ND (0.074)	-	-	-	-	-	-	-	ND (0.072)	ND (0.074)	-	-	-	-	-	-	-
Hexachlorocyclopentadiene	NA	ND (0.37)	ND (0.36)	-	-	-	-	-	-	-	ND (0.35)	ND (0.36)	-	-	-	-	-	-	-
Hexachloroethane	NA	ND (0.037)	ND (0.036)	-	-	-	-	-	-	-	ND (0.035)	ND (0.036)	-	-	-	-	-	-	-
Indeno(1,2,3-cd)pyrene	5.6	ND (0.037)	0.026 J	-	-	-	-	-	-	-	ND (0.035)	0.032 J	-	-	-	-	-	-	-
Isophorone	NA	ND (0.15)	ND (0.15)	-	-	-	-	-	-	-	ND (0.14)	ND (0.15)	-	-	-	-	-	-	-
Naphthalene	500	ND (0.37)	ND (0.36)	-	-	-	-	-	-	-	ND (0.35)	ND (0.36)	-	-	-	-	-	-	-
Nitrobenzene	NA	ND (0.037)	ND (0.036)	-	-	-	-	-	-	-	ND (0.035)	ND (0.036)	-	-	-	-	-	-	-
N-Nitrosodi-n-propylamine	NA	ND (0.037)	ND (0.036)	-	-	-	-	-	-	-	ND (0.035)	ND (0.036)	-	-	-	-	-	-	-
N-Nitrosodiphenylamine	NA	ND (0.37)	ND (0.36)	-	-	-	-	-	-	-	ND (0.35)	ND (0.36)	-	-	-	-	-	-	-
Pentachlorophenol	6.7	ND (0.3)	ND (0.29)	-	-	-	-	-	-	-	ND (0.28)	ND (0.29)	-	-	-	-	-	-	-
Phenanthrene	500	ND (0.37)	0.021 J	-	-	-	-	-	-	-	ND (0.35)	ND (0.36)	-	-	-	-	-	-	-
Phenol	500	ND (0.37)	ND (0.36)	-	-	-	-	-	-	-	ND (0.35)	ND (0.36)	-	-	-	-	-	-	-
Pyrene	500	ND (0.37)	0.036 J	-	-	-	-	-	-	-	ND (0.35)	0.013 J	-	-	-	-	-	-	-

TABLE 23
SUMMARY OF SOIL QUALITY DATA - BERM 58
FORMER PORT MOBIL TERMINAL
STATEN ISLAND, NEW YORK
FILE NO. 0208998

	Criteria																		
Location Name	NY Part 375	58G	58G	58G1	58G1	58G2	58G2	58G3	58G3	58G3	58H	58H	58H1	58H1	58H1	58H2	58H2	58H3	58H3
Sample Name	Commercial	58G_0-5	58G_5-10	58G1_1-2	58G1_5-6	58G2_3-4	58G2_7-8	58G3_4-5	58G3_6-7	58G3_9-10	58H_0-5	58H_5-10	58H1_2-3	58H1_5-6	58H1_9-10	58H2_3-4	58H2_6-7	58H3_1-2	58H3_7-8
Sample Date	Use	09/26/2025	09/26/2025	09/26/2025	09/26/2025	09/26/2025	09/26/2025	09/26/2025	09/26/2025	09/26/2025	09/26/2025	09/26/2025	09/26/2025	09/26/2025	09/26/2025	09/26/2025	09/26/2025	09/26/2025	09/26/2025
Lab Sample ID	Soil Cleanup	460-335806-13	460-335806-14	460-335806-63	460-335806-66	460-335806-64	460-335806-67	460-335806-65	460-335806-69	460-335806-68	460-335806-15	460-335806-16	460-335806-70	460-335806-73	460-335806-76	460-335806-71	460-335806-74	460-335806-72	460-335806-75
Sample Depth (bgs)	Objectives	0 - 5 (ft)	5 - 10 (ft)	1 - 2 (ft)	5 - 6 (ft)	3 - 4 (ft)	7 - 8 (ft)	4 - 5 (ft)	6 - 7 (ft)	9 - 10 (ft)	0 - 5 (ft)	5 - 10 (ft)	2 - 3 (ft)	5 - 6 (ft)	9 - 10 (ft)	3 - 4 (ft)	6 - 7 (ft)	1 - 2 (ft)	7 - 8 (ft)
PFAS (mg/kg)																			
11-Chloroeicosafluoro-3-Oxaundecane-1-Sulfonic Acid (11Cl-PF3OUdS)	NA	ND (0.0002) *	ND (0.00019) *	-	-	-	-	-	-	-	ND (0.0002) *	ND (0.00019) *	-	-	-	-	-	-	-
2H,2H,3H,3H-Perfluorooctanoic acid (5:3 FTCA)	NA	ND (0.001)	ND (0.00097)	-	-	-	-	-	-	-	ND (0.00098)	ND (0.00096)	-	-	-	-	-	-	-
3-(Perfluoroheptyl)propanoic acid (7:3 FTCA)	NA	ND (0.001)	ND (0.00097)	-	-	-	-	-	-	-	ND (0.00098)	ND (0.00096)	-	-	-	-	-	-	-
3:3 Fluorotelomer carboxylic acid (3:3 FTCA)	NA	ND (0.0004)	ND (0.00039)	-	-	-	-	-	-	-	ND (0.00039)	ND (0.00038)	-	-	-	-	-	-	-
4,8-Dioxa-3H-Perfluorononanoic Acid (ADONA)	NA	ND (0.0002)	ND (0.00019)	-	-	-	-	-	-	-	ND (0.0002)	ND (0.00019)	-	-	-	-	-	-	-
4:2 Fluorotelomer sulfonic acid (4:2 FTS)	NA	ND (0.0004)	ND (0.00039)	-	-	-	-	-	-	-	ND (0.00039)	ND (0.00038)	-	-	-	-	-	-	-
6:2 Fluorotelomer sulfonic acid (6:2 FTS)	NA	ND (0.0004)	ND (0.00039)	-	-	-	-	-	-	-	ND (0.00039)	ND (0.00038)	-	-	-	-	-	-	-
8:2 Fluorotelomer sulfonic acid (8:2 FTS)	NA	ND (0.0004)	ND (0.00039)	-	-	-	-	-	-	-	ND (0.00039)	ND (0.00038)	-	-	-	-	-	-	-
9-Chlorohexadecafluoro-3-Oxanone-1-Sulfonic Acid (9Cl-PF3ONS)	NA	ND (0.0002)	ND (0.00019)	-	-	-	-	-	-	-	ND (0.0002)	ND (0.00019)	-	-	-	-	-	-	-
N-Ethyl Perfluorooctanesulfonamidoacetic Acid (NEtFOSAA)	NA	ND (0.0002)	ND (0.00019)	-	-	-	-	-	-	-	ND (0.0002)	ND (0.00019)	-	-	-	-	-	-	-
N-Ethylperfluorooctane sulfonamide (N-EtFOSA)	NA	ND (0.0002)	ND (0.00019)	-	-	-	-	-	-	-	ND (0.0002)	ND (0.00019)	-	-	-	-	-	-	-
N-Ethylperfluorooctane sulfonamidoethanol (N-EtFOSE)	NA	ND (0.001)	ND (0.00097)	-	-	-	-	-	-	-	ND (0.00098)	ND (0.00096)	-	-	-	-	-	-	-
N-Methyl Perfluorooctanesulfonamidoacetic Acid (NMeFOSAA)	NA	ND (0.0002)	ND (0.00019)	-	-	-	-	-	-	-	ND (0.0002)	ND (0.00019)	-	-	-	-	-	-	-
N-Methylperfluorooctane sulfonamide (N-MeFOSA)	NA	ND (0.0002)	ND (0.00019)	-	-	-	-	-	-	-	ND (0.0002)	ND (0.00019)	-	-	-	-	-	-	-
N-Methylperfluorooctane sulfonamidoethanol (N-MeFOSE)	NA	ND (0.001)	ND (0.00097)	-	-	-	-	-	-	-	ND (0.00098)	ND (0.00096)	-	-	-	-	-	-	-
Nonafluoro-3,6-dioxaheptanoic acid (NFDHA)	NA	ND (0.0002)	ND (0.00019)	-	-	-	-	-	-	-	ND (0.0002)	ND (0.00019)	-	-	-	-	-	-	-
Perfluoro(2-ethoxyethane) sulphonic acid (PFEESA)	NA	ND (0.0002)	ND (0.00019)	-	-	-	-	-	-	-	ND (0.0002)	ND (0.00019)	-	-	-	-	-	-	-
Perfluoro(4-methoxybutanoic) acid (PFMBA)	NA	ND (0.0002)	ND (0.00019)	-	-	-	-	-	-	-	ND (0.0002)	ND (0.00019)	-	-	-	-	-	-	-
Perfluoro-2-propoxypropanoic acid (PFPrOPrA)(GenX) (HFPO-DA)	NA	ND (0.0002)	ND (0.00019)	-	-	-	-	-	-	-	ND (0.0002)	ND (0.00019)	-	-	-	-	-	-	-
Perfluoro-3-methoxypropanoic acid (PFMPA)	NA	ND (0.0002)	ND (0.00019)	-	-	-	-	-	-	-	ND (0.0002)	ND (0.00019)	-	-	-	-	-	-	-
Perfluorobutanesulfonic acid (PFBS)	NA	ND (0.0002)	ND (0.00019)	-	-	-	-	-	-	-	ND (0.0002)	ND (0.00019)	-	-	-	-	-	-	-
Perfluorobutanoic acid (PFBA)	NA	ND (0.0004)	ND (0.00039)	-	-	-	-	-	-	-	ND (0.00039)	ND (0.00038)	-	-	-	-	-	-	-
Perfluorodecanesulfonic acid (PFDS)	NA	ND (0.0002) *	ND (0.00019) *	-	-	-	-	-	-	-	ND (0.0002) *	ND (0.00019) *	-	-	-	-	-	-	-
Perfluorodecanoic acid (PFDA)	NA	0.00031	0.00018 J	-	-	-	-	-	-	-	0.00022	0.00012 J	-	-	-	-	-	-	-
Perfluorododecane sulfonic acid (PFDoDS)	NA	ND (0.0002) *	ND (0.00019) *	-	-	-	-	-	-	-	ND (0.0002) *	ND (0.00019) *	-	-	-	-	-	-	-
Perfluorododecanoic acid (PFDoDA)	NA	0.0002	0.00019	-	-	-	-	-	-	-	0.00023	0.00013 J	-	-	-	-	-	-	-
Perfluoroheptanesulfonic acid (PFHpS)	NA	ND (0.0002)	ND (0.00019)	-	-	-	-	-	-	-	ND (0.0002)	ND (0.00019)	-	-	-	-	-	-	-
Perfluoroheptanoic acid (PFHpA)	NA	ND (0.0002)	ND (0.00019)	-	-	-	-	-	-	-	ND (0.0002)	ND (0.00019)	-	-	-	-	-	-	-
Perfluorohexanesulfonic acid (PFHxS)	NA	ND (0.0002)	ND (0.00019)	-	-	-	-	-	-	-	ND (0.0002)	ND (0.00019)	-	-	-	-	-	-	-
Perfluorohexanoic acid (PFHxA)	NA	ND (0.0002)	ND (0.00019)	-	-	-	-	-	-	-	ND (0.0002)	ND (0.00019)	-	-	-	-	-	-	-
Perfluorononane sulfonic acid (PFNS)	NA	ND (0.0002)	ND (0.00019)	-	-	-	-	-	-	-	ND (0.0002)	ND (0.00019)	-	-	-	-	-	-	-
Perfluorononanoic acid (PFNA)	NA	0.0002	0.00043	-	-	-	-	-	-	-	0.00023	0.00014 J	-	-	-	-	-	-	-
Perfluorooctane sulfonamide (PFOSA)	NA	ND (0.0002)	ND (0.00019)	-	-	-	-	-	-	-	ND (0.0002)	ND (0.00019)	-	-	-	-	-	-	-
Perfluorooctanesulfonic acid (PFOS)	0.44	ND (0.0002)	0.00016 J	-	-	-	-	-	-	-	ND (0.0002)	ND (0.00019)	-	-	-	-	-	-	-
Perfluorooctanoic acid (PFOA)	0.5	0.000073 J	0.000075 J	-	-	-	-	-	-	-	ND (0.00012)	ND (0.00019)	-	-	-	-	-	-	-
Perfluoropentanesulfonic acid (PFPeS)	NA	ND (0.0002)	ND (0.00019)	-	-	-	-	-	-	-	ND (0.0002)	ND (0.00019)	-	-	-	-	-	-	-
Perfluoropentanoic acid (PFPeA)	NA	ND (0.0002)	ND (0.00019)	-	-	-	-	-	-	-	ND (0.0002)	ND (0.00019)	-	-	-	-	-	-	-
Perfluorotetradecanoic acid (PFTeDA)	NA	ND (0.0002)	ND (0.00019)	-	-	-	-	-	-	-	ND (0.0002)	ND (0.00019)	-	-	-	-	-	-	-
Perfluorotridecanoic acid (PFTrDA)	NA	0.00066	0.00129	-	-	-	-	-	-	-	0.00199	0.00052	-	-	-	-	-	-	-
Perfluoroundecanoic acid (PFUnDA)	NA	0.00192	0.00174	-	-	-	-	-	-	-	0.00325	0.00137	-	-	-	-	-	-	-
Pesticides (mg/kg)																			
4,4'-DDD	92	ND (0.0075)	ND (0.0074)	-	-	-	-	-	-	-	ND (0.0073)	ND (0.0074)	-	-	-	-	-	-	-
4,4'-DDE	62	ND (0.0075)	ND (0.0074)	-	-	-	-	-	-	-	ND (0.0073)	ND (0.0074)	-	-	-	-	-	-	-
4,4'-DDT	47	ND (0.0075)	ND (0.0074)	-	-	-	-	-	-	-	ND (0.0073)	ND (0.0074)	-	-	-	-	-	-	-
Aldrin	0.68	ND (0.0075)	ND (0.0074)	-	-	-	-	-	-	-	ND (0.0073)	ND (0.0074)	-	-	-	-	-	-	-
alpha-BHC	3.4	ND (0.0022)	ND (0.0022)	-	-	-	-	-	-	-	ND (0.0022)	ND (0.0022)	-	-	-	-	-	-	-
alpha-Chlordane (cis)	24	ND (0.0075)	ND (0.0074)	-	-	-	-	-	-	-	ND (0.0073)	ND (0.0074)	-	-	-	-	-	-	-
beta-BHC	3	ND (0.0022)	ND (0.0022)	-	-	-	-	-	-	-	ND (0.0022)	ND (0.0022)	-	-	-	-	-	-	-
Chlordane	NA	ND (0.075)	ND (0.074)	-	-	-	-	-	-	-	ND (0.073)	ND (0.074)	-	-	-	-	-	-	-
delta-BHC	500	ND (0.0022)	ND (0.0022)	-	-	-	-	-	-	-	ND (0.0022)	ND (0.0022)	-	-	-	-	-	-	-
Dieldrin	1.4	ND (0.0022)	ND (0.0022)	-	-	-	-	-	-	-	ND (0.0022)	ND (0.0022)	-	-	-	-	-	-	-
Endosulfan I	200	ND (0.0075)	ND (0.0074)	-	-	-	-	-	-	-	ND (0.0073)	ND (0.0074)	-	-	-	-	-	-	-
Endosulfan II	200	ND (0.0075)	ND (0.0074)	-	-	-	-	-	-	-	ND (0.0073)	ND (0.0074)	-	-	-	-	-	-	-
Endosulfan sulfate	200	ND (0.0075)	ND (0.0074)	-	-	-	-	-	-	-	ND (0.0073)	ND (0.0074)	-	-	-	-	-	-	-
Endrin	89	ND (0.0075)	ND (0.0074)	-	-	-	-	-	-	-	ND (0.0073)	ND (0.0074)	-	-	-	-	-	-	-
Endrin aldehyde	NA	ND (0.0075)	ND (0.0074)	-	-	-	-	-	-	-	ND (0.0073)	ND (0.0074)	-	-	-	-	-	-	-
Endrin ketone	NA	ND (0.0075)	ND (0.0074)	-	-	-	-	-	-	-	ND (0.0073)	ND (0.0074)	-	-	-	-	-	-	-
gamma-BHC (Lindane)	9.2	ND (0.0022)	ND (0.0022)	-	-	-	-	-	-	-	ND (0.0022)	ND (0.0022)	-	-	-	-	-	-	-
Heptachlor	15	ND (0.0075)	ND (0.0074)	-	-	-	-	-	-	-	ND (0.0073)	ND (0.0074)	-	-	-	-	-	-	-
Heptachlor epoxide	NA	ND (0.0075)	ND (0.0074)	-	-	-	-	-	-	-	ND (0.0073)	ND (0.0074)	-	-	-	-	-	-	-
Methoxychlor	NA	ND (0.0075)	ND (0.0074)	-	-	-	-	-	-	-	ND (0.0073)	ND (0.0074)	-	-	-	-	-	-	-
Toxaphene	NA	ND (0.075)	ND (0.074)	-	-	-	-	-	-	-	ND (0.073)	ND (0.074)	-	-	-	-	-	-	-

TABLE 23
SUMMARY OF SOIL QUALITY DATA - BERM 58
FORMER PORT MOBIL TERMINAL
STATEN ISLAND, NEW YORK
FILE NO. 0208998

	Criteria																		
Location Name	NY Part 375	58G	58G	58G1	58G1	58G2	58G2	58G3	58G3	58G3	58H	58H	58H1	58H1	58H1	58H2	58H2	58H3	58H3
Sample Name	Commercial	58G_0-5	58G_5-10	58G1_1-2	58G1_5-6	58G2_3-4	58G2_7-8	58G3_4-5	58G3_6-7	58G3_9-10	58H_0-5	58H_5-10	58H1_2-3	58H1_5-6	58H1_9-10	58H2_3-4	58H2_6-7	58H3_1-2	58H3_7-8
Sample Date	Use	09/26/2025	09/26/2025	09/26/2025	09/26/2025	09/26/2025	09/26/2025	09/26/2025	09/26/2025	09/26/2025	09/26/2025	09/26/2025	09/26/2025	09/26/2025	09/26/2025	09/26/2025	09/26/2025	09/26/2025	09/26/2025
Lab Sample ID	Soil Cleanup	460-335806-13	460-335806-14	460-335806-63	460-335806-66	460-335806-64	460-335806-67	460-335806-65	460-335806-69	460-335806-68	460-335806-15	460-335806-16	460-335806-70	460-335806-73	460-335806-76	460-335806-71	460-335806-74	460-335806-72	460-335806-75
Sample Depth (bgs)	Objectives	0 - 5 (ft)	5 - 10 (ft)	1 - 2 (ft)	5 - 6 (ft)	3 - 4 (ft)	7 - 8 (ft)	4 - 5 (ft)	6 - 7 (ft)	9 - 10 (ft)	0 - 5 (ft)	5 - 10 (ft)	2 - 3 (ft)	5 - 6 (ft)	9 - 10 (ft)	3 - 4 (ft)	6 - 7 (ft)	1 - 2 (ft)	7 - 8 (ft)
Polychlorinated Biphenyls (mg/kg)																			
Aroclor-1016 (PCB-1016)	NA	ND (0.075)	ND (0.074)	-	-	-	-	-	-	-	ND (0.073)	ND (0.074)	-	-	-	-	-	-	-
Aroclor-1221 (PCB-1221)	NA	ND (0.075)	ND (0.074)	-	-	-	-	-	-	-	ND (0.073)	ND (0.074)	-	-	-	-	-	-	-
Aroclor-1232 (PCB-1232)	NA	ND (0.075)	ND (0.074)	-	-	-	-	-	-	-	ND (0.073)	ND (0.074)	-	-	-	-	-	-	-
Aroclor-1242 (PCB-1242)	NA	ND (0.075)	ND (0.074)	-	-	-	-	-	-	-	ND (0.073)	ND (0.074)	-	-	-	-	-	-	-
Aroclor-1248 (PCB-1248)	NA	ND (0.075)	ND (0.074)	-	-	-	-	-	-	-	ND (0.073)	ND (0.074)	-	-	-	-	-	-	-
Aroclor-1254 (PCB-1254)	NA	ND (0.075)	ND (0.074)	-	-	-	-	-	-	-	ND (0.073)	ND (0.074)	-	-	-	-	-	-	-
Aroclor-1260 (PCB-1260)	NA	ND (0.075)	ND (0.074)	-	-	-	-	-	-	-	ND (0.073)	ND (0.074)	-	-	-	-	-	-	-
Aroclor-1262 (PCB-1262)	NA	ND (0.075)	ND (0.074)	-	-	-	-	-	-	-	ND (0.073)	ND (0.074)	-	-	-	-	-	-	-
Aroclor-1268 (PCB-1268)	NA	ND (0.075)	ND (0.074)	-	-	-	-	-	-	-	ND (0.073)	ND (0.074)	-	-	-	-	-	-	-
Total PCBs	1	ND (0.075)	ND (0.074)	-	-	-	-	-	-	-	ND (0.073)	ND (0.074)	-	-	-	-	-	-	-
Inorganic Compounds (mg/kg)																			
Aluminum	NA	9890	6330	-	-	-	-	-	-	-	8620	6190	-	-	-	-	-	-	-
Antimony	NA	0.28 J	0.55 J	-	-	-	-	-	-	-	0.37 J	0.54 J	-	-	-	-	-	-	-
Arsenic	16	5.2	6.4	-	-	-	-	-	-	-	5.6	6.9	-	-	-	-	-	-	-
Barium	400	53.1	52.7	-	-	-	-	-	-	-	49.7	34.5	-	-	-	-	-	-	-
Beryllium	590	0.57	0.7	-	-	-	-	-	-	-	0.53	0.42	-	-	-	-	-	-	-
Cadmium	9.3	0.22 J	0.26 J	-	-	-	-	-	-	-	0.2 J	0.3 J	-	-	-	-	-	-	-
Calcium	NA	2740	2420	-	-	-	-	-	-	-	2130	2130	-	-	-	-	-	-	-
Chromium	NA	16.4	18.6	-	-	-	-	-	-	-	16.3	13.7	-	-	-	-	-	-	-
Cobalt	NA	6.8	7.4	-	-	-	-	-	-	-	7.2	5.6	-	-	-	-	-	-	-
Copper	270	23.3	56.6	-	-	-	-	-	-	-	25.3	33.3	-	-	-	-	-	-	-
Iron	NA	19600	19000	-	-	-	-	-	-	-	19700	20900	-	-	-	-	-	-	-
Lead	1000	56	201	-	-	-	-	-	-	-	102	99.2	-	-	-	-	-	-	-
Magnesium	NA	3760	2320	-	-	-	-	-	-	-	3080	2500	-	-	-	-	-	-	-
Manganese	10000	286	196	-	-	-	-	-	-	-	284	278	-	-	-	-	-	-	-
Mercury	2.8	0.023	0.039	-	-	-	-	-	-	-	0.031	0.045	-	-	-	-	-	-	-
Nickel	310	13.8	25.4	-	-	-	-	-	-	-	12.8	10.3	-	-	-	-	-	-	-
Potassium	NA	1080	854	-	-	-	-	-	-	-	987	820	-	-	-	-	-	-	-
Selenium	1500	0.17 J	0.27 J	-	-	-	-	-	-	-	0.29 J	0.34 J	-	-	-	-	-	-	-
Silver	1500	0.12 J	0.18 J	-	-	-	-	-	-	-	0.1 J	0.18 J	-	-	-	-	-	-	-
Sodium	NA	101	87.3 J	-	-	-	-	-	-	-	68.1 J	62.9 J	-	-	-	-	-	-	-
Thallium	NA	0.11 J	0.11 J	-	-	-	-	-	-	-	0.11 J	0.074 J	-	-	-	-	-	-	-
Vanadium	NA	24.4	21.1	-	-	-	-	-	-	-	22.6	20.6	-	-	-	-	-	-	-
Zinc	10000	52.6	139	-	-	-	-	-	-	-	52.3	74.6	-	-	-	-	-	-	-

ABBREVIATIONS AND NOTES:

mg/kg: milligram per kilogram

**: LCS or LCSD is outside acceptance limits.*
-: Not Analyzed
B: Compound was found in the blank and the associated sample.
bgs: below ground surface
ft: feet
J: Value is estimated.
NA: Not Applicable
ND (2.5): Not detected, number in parentheses is the laboratory reporting limit

- For test methods used, see the laboratory data sheets.
- Soil analytical results are compared to the New York State Department of Environmental Conservation (NYSDEC) Title 6 of the Official Compilation of New York Codes, Rules, and Regulations (NYCRR) Part 375 Commercial Use Soil Cleanup Objectives (SCO).
- Grey shading indicates an exceedance of the Commercial Use Soil Cleanup Objectives.

TABLE 23
SUMMARY OF SOIL QUALITY DATA - BERM 58
FORMER PORT MOBIL TERMINAL
STATEN ISLAND, NEW YORK
FILE NO. 0208998

	Criteria																		
Location Name	NY Part 375	58I	58I	58I1	58I1	58I2	58I2	58I2	58I3	58I3	58J	58J	58J1	58J1	58J1	58J2	58J2	58J3	58J3
Sample Name	Commercial	58I_0-5	58I_5-10	58I1_1-2	58I1_7-8	58I2_0-1	58I2_4-5	58I2_9-10	58I3_3-4	58I3_5-6	58J_0-5	58J_5-10	58J1_1-2	58J1_5-6	58J1_8-9	58J2_2-3	58J2_6-7	58J3_3-4	58J3_7-8
Sample Date	Use	09/26/2025	09/26/2025	09/26/2025	09/26/2025	09/26/2025	09/26/2025	09/26/2025	09/26/2025	09/26/2025	09/26/2025	09/26/2025	09/26/2025	09/26/2025	09/26/2025	09/26/2025	09/26/2025	09/26/2025	09/26/2025
Lab Sample ID	Soil Cleanup	460-335806-17	460-335806-18	460-335806-78	460-335806-82	460-335806-77	460-335806-80	460-335806-83	460-335806-79	460-335806-81	460-335806-19	460-335806-20	460-335806-84	460-335806-87	460-335806-90	460-335806-85	460-335806-88	460-335806-86	460-335806-89
Sample Depth (bgs)	Objectives	0 - 5 (ft)	5 - 10 (ft)	1 - 2 (ft)	7 - 8 (ft)	0 - 1 (ft)	4 - 5 (ft)	9 - 10 (ft)	3 - 4 (ft)	5 - 6 (ft)	0 - 5 (ft)	5 - 10 (ft)	1 - 2 (ft)	5 - 6 (ft)	8 - 9 (ft)	2 - 3 (ft)	6 - 7 (ft)	3 - 4 (ft)	7 - 8 (ft)
Volatile Organic Compounds (mg/kg)																			
1,1,1-Trichloroethane	500	-	-	ND (0.001)	ND (0.0011)	ND (0.00098)	ND (0.00098)	ND (0.00084)	ND (0.00099)	ND (0.0014)	-	-	ND (0.0018)	ND (0.0018)	ND (0.001)	ND (0.0017)	ND (0.0016)	ND (0.0014)	ND (0.0012)
1,1,2,2-Tetrachloroethane	NA	-	-	ND (0.001)	ND (0.0011)	ND (0.00098)	ND (0.00098)	ND (0.00084)	ND (0.00099)	ND (0.0014)	-	-	ND (0.0018)	ND (0.0018)	ND (0.001)	ND (0.0017)	ND (0.0016)	ND (0.0014)	ND (0.0012)
1,1,2-Trichloroethane	NA	-	-	ND (0.001)	ND (0.0011)	ND (0.00098)	ND (0.00098)	ND (0.00084)	ND (0.00099)	ND (0.0014)	-	-	ND (0.0018)	ND (0.0018)	ND (0.001)	ND (0.0017)	ND (0.0016)	ND (0.0014)	ND (0.0012)
1,1-Dichloroethane	240	-	-	ND (0.001)	ND (0.0011)	ND (0.00098)	ND (0.00098)	ND (0.00084)	ND (0.00099)	ND (0.0014)	-	-	ND (0.0018)	ND (0.0018)	ND (0.001)	ND (0.0017)	ND (0.0016)	ND (0.0014)	ND (0.0012)
1,1-Dichloroethene	500	-	-	ND (0.001)	ND (0.0011)	ND (0.00098)	ND (0.00098)	ND (0.00084)	ND (0.00099)	ND (0.0014)	-	-	ND (0.0018)	ND (0.0018)	ND (0.001)	ND (0.0017)	ND (0.0016)	ND (0.0014)	ND (0.0012)
1,2,3-Trichlorobenzene	NA	-	-	ND (0.001)	ND (0.0011)	ND (0.00098)	ND (0.00098)	ND (0.00084)	ND (0.00099)	ND (0.0014)	-	-	ND (0.0018)	ND (0.0018)	ND (0.001)	ND (0.0017)	ND (0.0016)	ND (0.0014)	ND (0.0012)
1,2,4-Trichlorobenzene	NA	-	-	ND (0.001)	ND (0.0011)	ND (0.00098)	ND (0.00098)	ND (0.00084)	ND (0.00099)	ND (0.0014)	-	-	ND (0.0018)	ND (0.0018)	ND (0.001)	ND (0.0017)	ND (0.0016)	ND (0.0014)	ND (0.0012)
1,2,4-Trimethylbenzene	190	-	-	ND (0.001)	ND (0.0011)	ND (0.00098)	ND (0.00098)	ND (0.00084)	ND (0.00099)	ND (0.0014)	-	-	ND (0.0018)	ND (0.0018)	ND (0.001)	ND (0.0017)	ND (0.0016)	ND (0.0014)	ND (0.0012)
1,2-Dibromo-3-chloropropane (DBCP)	NA	-	-	ND (0.001)	ND (0.0011)	ND (0.00098)	ND (0.00098)	ND (0.00084)	ND (0.00099)	ND (0.0014)	-	-	ND (0.0018)	ND (0.0018)	ND (0.001)	ND (0.0017)	ND (0.0016)	ND (0.0014)	ND (0.0012)
1,2-Dibromoethane (Ethylene Dibromide)	NA	-	-	ND (0.001)	ND (0.0011)	ND (0.00098)	ND (0.00098)	ND (0.00084)	ND (0.00099)	ND (0.0014)	-	-	ND (0.0018)	ND (0.0018)	ND (0.001)	ND (0.0017)	ND (0.0016)	ND (0.0014)	ND (0.0012)
1,2-Dichlorobenzene	500	-	-	ND (0.001)	ND (0.0011)	ND (0.00098)	ND (0.00098)	ND (0.00084)	ND (0.00099)	ND (0.0014)	-	-	ND (0.0018)	ND (0.0018)	ND (0.001)	ND (0.0017)	ND (0.0016)	ND (0.0014)	ND (0.0012)
1,2-Dichloroethane	30	-	-	ND (0.001)	ND (0.0011)	ND (0.00098)	ND (0.00098)	ND (0.00084)	ND (0.00099)	ND (0.0014)	-	-	ND (0.0018)	ND (0.0018)	ND (0.001)	ND (0.0017)	ND (0.0016)	ND (0.0014)	ND (0.0012)
1,2-Dichloropropane	NA	-	-	ND (0.001)	ND (0.0011)	ND (0.00098)	ND (0.00098)	ND (0.00084)	ND (0.00099)	ND (0.0014)	-	-	ND (0.0018)	ND (0.0018)	ND (0.001)	ND (0.0017)	ND (0.0016)	ND (0.0014)	ND (0.0012)
1,3,5-Trimethylbenzene	190	-	-	ND (0.001)	ND (0.0011)	ND (0.00098)	ND (0.00098)	ND (0.00084)	ND (0.00099)	ND (0.0014)	-	-	ND (0.0018)	ND (0.0018)	ND (0.001)	ND (0.0017)	ND (0.0016)	ND (0.0014)	ND (0.0012)
1,3-Dichlorobenzene	280	-	-	ND (0.001)	ND (0.0011)	ND (0.00098)	ND (0.00098)	ND (0.00084)	ND (0.00099)	ND (0.0014)	-	-	ND (0.0018)	ND (0.0018)	ND (0.001)	ND (0.0017)	ND (0.0016)	ND (0.0014)	ND (0.0012)
1,4-Dichlorobenzene	130	-	-	ND (0.001)	ND (0.0011)	ND (0.00098)	ND (0.00098)	ND (0.00084)	ND (0.00099)	ND (0.0014)	-	-	ND (0.0018)	ND (0.0018)	ND (0.001)	ND (0.0017)	ND (0.0016)	ND (0.0014)	ND (0.0012)
2-Butanone (Methyl Ethyl Ketone)	500	-	-	ND (0.005)	ND (0.0053)	ND (0.0049)	ND (0.0049)	ND (0.0042)	ND (0.005)	ND (0.007)	-	-	ND (0.0089)	ND (0.0092)	ND (0.0052)	ND (0.0085)	ND (0.008)	ND (0.0068)	ND (0.0058)
2-Hexanone (Methyl Butyl Ketone)	NA	-	-	ND (0.005)	ND (0.0053)	ND (0.0049)	ND (0.0049)	ND (0.0042)	ND (0.005)	ND (0.007)	-	-	ND (0.0089)	ND (0.0092)	ND (0.0052)	ND (0.0085)	ND (0.008)	ND (0.0068)	ND (0.0058)
2-Phenylbutane (sec-Butylbenzene)	500	-	-	ND (0.001)	ND (0.0011)	ND (0.00098)	ND (0.00098)	ND (0.00084)	ND (0.00099)	ND (0.0014)	-	-	ND (0.0018)	ND (0.0018)	ND (0.001)	ND (0.0017)	ND (0.0016)	ND (0.0014)	ND (0.0012)
4-Methyl-2-Pentanone (Methyl Isobutyl Ketone)	NA	-	-	ND (0.005)	ND (0.0053)	ND (0.0049)	ND (0.0049)	ND (0.0042)	ND (0.005)	ND (0.007)	-	-	ND (0.0089)	ND (0.0092)	ND (0.0052)	ND (0.0085)	ND (0.008)	ND (0.0068)	ND (0.0058)
Acetone	500	-	-	ND (0.006)	ND (0.0064)	ND (0.0059)	ND (0.0059)	ND (0.005)	ND (0.006)	ND (0.0084)	-	-	ND (0.011)	ND (0.011)	ND (0.0063)	ND (0.01)	ND (0.0096)	ND (0.0082)	ND (0.0069)
Benzene	44	-	-	ND (0.001)	ND (0.0011)	ND (0.00098)	ND (0.00098)	ND (0.00084)	ND (0.00099)	ND (0.0014)	-	-	ND (0.0018)	ND (0.0018)	ND (0.001)	ND (0.0017)	ND (0.0016)	ND (0.0014)	ND (0.0012)
Bromodichloromethane	NA	-	-	ND (0.001)	ND (0.0011)	ND (0.00098)	ND (0.00098)	ND (0.00084)	ND (0.00099)	ND (0.0014)	-	-	ND (0.0018)	ND (0.0018)	ND (0.001)	ND (0.0017)	ND (0.0016)	ND (0.0014)	ND (0.0012)
Bromoform	NA	-	-	ND (0.001)	ND (0.0011)	ND (0.00098)	ND (0.00098)	ND (0.00084)	ND (0.00099)	ND (0.0014)	-	-	ND (0.0018)	ND (0.0018)	ND (0.001)	ND (0.0017)	ND (0.0016)	ND (0.0014)	ND (0.0012)
Bromomethane (Methyl Bromide)	NA	-	-	ND (0.002)	ND (0.0021)	ND (0.002)	ND (0.002)	ND (0.0017)	ND (0.002)	ND (0.0028)	-	-	ND (0.0036)	ND (0.0037)	ND (0.0021)	ND (0.0034)	ND (0.0032)	ND (0.0027)	ND (0.0023)
Carbon disulfide	NA	-	-	ND (0.001)	ND (0.0011)	ND (0.00098)	ND (0.00098)	ND (0.00084)	ND (0.00099)	ND (0.0014)	-	-	ND (0.0018)	ND (0.0018)	ND (0.001)	ND (0.0017)	ND (0.0016)	ND (0.0014)	ND (0.0012)
Carbon tetrachloride	22	-	-	ND (0.001)	ND (0.0011)	ND (0.00098)	ND (0.00098)	ND (0.00084)	ND (0.00099)	ND (0.0014)	-	-	ND (0.0018)	ND (0.0018)	ND (0.001)	ND (0.0017)	ND (0.0016)	ND (0.0014)	ND (0.0012)
Chlorobenzene	500	-	-	ND (0.001)	ND (0.0011)	ND (0.00098)	ND (0.00098)	ND (0.00084)	ND (0.00099)	ND (0.0014)	-	-	ND (0.0018)	ND (0.0018)	ND (0.001)	ND (0.0017)	ND (0.0016)	ND (0.0014)	ND (0.0012)
Chlorobromomethane	NA	-	-	ND (0.001)	ND (0.0011)	ND (0.00098)	ND (0.00098)	ND (0.00084)	ND (0.00099)	ND (0.0014)	-	-	ND (0.0018)	ND (0.0018)	ND (0.001)	ND (0.0017)	ND (0.0016)	ND (0.0014)	ND (0.0012)
Chloroethane	NA	-	-	ND (0.001)	ND (0.0011)	ND (0.00098)	ND (0.00098)	ND (0.00084)	ND (0.00099)	ND (0.0014)	-	-	ND (0.0018)	ND (0.0018)	ND (0.001)	ND (0.0017)	ND (0.0016)	ND (0.0014)	ND (0.0012)
Chloroform (Trichloromethane)	350	-	-	ND (0.001)	ND (0.0011)	ND (0.00098)	ND (0.00098)	ND (0.00084)	ND (0.00099)	ND (0.0014)	-	-	ND (0.0018)	ND (0.0018)	ND (0.001)	ND (0.0017)	ND (0.0016)	ND (0.0014)	ND (0.0012)
Chloromethane (Methyl Chloride)	NA	-	-	ND (0.001)	ND (0.0011)	ND (0.00098)	ND (0.00098)	ND (0.00084)	ND (0.00099)	ND (0.0014)	-	-	ND (0.0018)	ND (0.0018)	ND (0.001)	ND (0.0017)	ND (0.0016)	ND (0.0014)	ND (0.0012)
cis-1,2-Dichloroethene	500	-	-	ND (0.001)	ND (0.0011)	ND (0.00098)	ND (0.00098)	ND (0.00084)	ND (0.00099)	ND (0.0014)	-	-	ND (0.0018)	ND (0.0018)	ND (0.001)	ND (0.0017)	ND (0.0016)	ND (0.0014)	ND (0.0012)
cis-1,3-Dichloropropene	NA	-	-	ND (0.001)	ND (0.0011)	ND (0.00098)	ND (0.00098)	ND (0.00084)	ND (0.00099)	ND (0.0014)	-	-	ND (0.0018)	ND (0.0018)	ND (0.001)	ND (0.0017)	ND (0.0016)	ND (0.0014)	ND (0.0012)
Cyclohexane	NA	-	-	ND (0.001)	ND (0.0011)	ND (0.00098)	ND (0.00098)	ND (0.00084)	ND (0.00099)	ND (0.0014)	-	-	ND (0.0018)	ND (0.0018)	ND (0.001)	ND (0.0017)	ND (0.0016)	ND (0.0014)	ND (0.0012)
Dibromochloromethane	NA	-	-	ND (0.001)	ND (0.0011)	ND (0.00098)	ND (0.00098)	ND (0.00084)	ND (0.00099)	ND (0.0014)	-	-	ND (0.0018)	ND (0.0018)	ND (0.001)	ND (0.0017)	ND (0.0016)	ND (0.0014)	ND (0.0012)
Dichlorodifluoromethane (CFC-12)	NA	-	-	ND (0.001)	ND (0.0011)	ND (0.00098)	ND (0.00098)	ND (0.00084)	ND (0.00099)	ND (0.0014)	-	-	ND (0.0018)	ND (0.0018)	ND (0.001)	ND (0.0017)	ND (0.0016)	ND (0.0014)	ND (0.0012)
Ethylbenzene	390	-	-	ND (0.001)	ND (0.0011)	ND (0.00098)	ND (0.00098)	ND (0.00084)	ND (0.00099)	ND (0.0014)	-	-	ND (0.0018)	ND (0.0018)	ND (0.001)	ND (0.0017)	ND (0.0016)	ND (0.0014)	ND (0.0012)
Isopropylbenzene (Cumene)	NA	-	-	ND (0.001)	ND (0.0011)	ND (0.00098)	ND (0.00098)	ND (0.00084)	ND (0.00099)	ND (0.0014)	-	-	ND (0.0018)	ND (0.0018)	ND (0.001)	ND (0.0017)	ND (0.0016)	ND (0.0014)	ND (0.0012)
m,p-Xylenes	NA	-	-	ND (0.001)	ND (0.0011)	ND (0.00098)	ND (0.00098)	ND (0.00084)	ND (0.00099)	ND (0.0014)	-	-	ND (0.0018)	ND (0.0018)	ND (0.001)	ND (0.0017)	ND (0.0016)	ND (0.0014)	ND (0.0012)
Methyl acetate	NA	-	-	ND (0.005)	ND (0.0053)	ND (0.0049)	ND (0.0049)	ND (0.0042)	ND (0.005)	ND (0.007)	-	-	ND (0.0089)	ND (0.0092)	ND (0.0052)	ND (0.0085)	ND (0.008)	ND (0.0068)	ND (0.0058)
Methyl Tert Butyl Ether (MTBE)	500	-	-	ND (0.001)	ND (0.0011)	ND (0.00098)	ND (0.00098)	ND (0.00084)	ND (0.00099)	ND (0.0014)	-	-	ND (0.0018)	ND (0.0018)	ND (0.001)	ND (0.0017)	ND (0.0016)	ND (0.0014)	ND (0.0012)
Methylcyclohexane	NA	-	-	ND (0.001)	ND (0.0011)	ND (0.00098)	ND (0.00098)	ND (0.00084)	ND (0.00099)	ND (0.0014)	-	-	ND (0.0018)	ND (0.0018)	ND (0.001)	ND (0.0017)	ND (0.0016)	ND (0.0014)	ND (0.0012)
Methylene chloride (Dichloromethane)	500	-	-	0.0035	0.0027	0.0018 J	0.002	0.0014 J	0.0019 J	0.0033	-	-	0.0051	0.0035 J	0.0014 J	0.0031 J	0.0059	0.0043	0.003
n-Butylbenzene	500	-	-	ND (0.001)	ND (0.0011)	ND (0.00098)	ND (0.00098)	ND (0.00084)	ND (0.00099)	ND (0.0014)	-	-	ND (0.0018)	ND (0.0018)	ND (0.001)	ND (0.0017)	ND (0.0016)	ND (0.0014)	ND (0.0012)
n-Propylbenzene	500	-	-	ND (0.001)	ND (0.0011)	ND (0.00098)	ND (0.00098)	ND (0.00084)	ND (0.00099)	ND (0.0014)	-	-	ND (0.0018)	ND (0.0018)	ND (0.001)	ND (0.0017)	ND (0.0016)	ND (0.0014)	ND (0.0012)
o-Xylene	NA	-	-	ND (0.001)	ND (0.0011)	ND (0.00098)	ND (0.00098)	ND (0.00084)	ND (0.00099)	ND (0.0014)	-	-	ND (0.0018)	ND (0.0018)	ND (0.001)	ND (0.0017)	ND (0.0016)	ND (0.0014)	ND (0.0012)
Styrene	NA	-	-	ND (0.001)	ND (0.0011)	ND (0.00098)	ND (0.00098)	ND (0.00084)	ND (0.00099)	ND (0.0014)	-	-	ND (0.0018)	ND (0.0018)	ND (0.001)	ND (0.0017)	ND (0.0016)	ND (0.0014)	ND (0.0012)
tert-Butylbenzene	500	-	-	ND (0.001)	ND (0.0011)	ND (0.00098)	ND (0.00098)	ND (0.00084)	ND (0.00099)	ND (0.0014)	-	-	ND (0.0018)	ND (0.0018)	ND (0.001)	ND (0.0017)	ND (0.0016)	ND (0.0014)	ND (0.0012)
Tetrachloroethene	150	-	-	ND (0.001)	ND (0.0011)	ND (0.00098)	ND (0.00098)	ND (0.00084)	ND (0.00099)	ND (0.0014)	-	-	ND (0.0018)	ND (0.0018)	ND (0.001)	ND (0.0017)	ND (0.0016)	ND (0.0014)	ND (0.0012)
Toluene	500	-	-	ND (0.001)	ND (0.0011)	ND (0.00098)	ND (0.00098)	ND (0.00084)	ND (0.00099)	ND (0.0014)	-	-	ND (0.0018)	ND (0.0018)	ND (0.001)	ND (0.0017)	ND (0.0016)	ND (0.0014)	ND (0.0012)
trans-1,2-Dichloroethene	500	-	-	ND (0.001)	ND (0.0011)	ND (0.00098)	ND (0.00098)	ND (0.00084)	ND (0.00099)	ND (0.0014)	-	-	ND (0.0018)	ND (0.0018)	ND (0.001)	ND (0.0017)	ND (0.0016)	ND (0.0014)	ND (0.0012)
trans-1,3-Dichloropropene	NA	-	-	ND (0.001)	ND (0.0011)	ND (0.00098)	ND (0.00098)	ND (0.00084)	ND (0.00099)	ND (0.0014)	-	-	ND (0.0018)	ND (0.0018)	ND (0.001)	ND (0.0017)	ND (0.0016)	ND (0.0014)	ND (0.0012)
Trichloroethene	200	-	-	ND (0.001)	ND (0.0011)	ND (0.00098)	ND (0.00098)	ND (0.00084)	ND (0.00099)	ND (0.0014)	-	-	ND (0.0018)	ND (0.0018)	ND (0.001)	ND (0.0017)	ND (0.0016)	ND (0.0014)	ND (0.0012)
Trichlorofluoromethane (CFC-11)	NA	-	-	ND (0.001)	ND (0.0011)	ND (0.00098)	ND (0.00098)	ND (0.00084)	ND (0.00099)	ND (0.0014)	-	-	ND (0.0018)	ND (0.0018)	ND (0.001)	ND (0.0017)	ND (0.0016)	ND (0.0014)	ND (0.0012)
Trifluorotrichloroethane (Freon 113)	NA	-	-	ND (0.001)	ND (0.0011)	ND (0.00098)	ND (0.00098)	ND (0.00084)	ND (0.00099)	ND (0.0014)	-	-	ND (0.0018)	ND (0.0018)	ND (0.001)	ND (0.0017)	ND (0.0016)	ND (0.0014)	ND (0.0012)
Vinyl chloride	13	-	-	ND (0.001)	ND (0.0011)	ND (0.00098)	ND (0.00098)	ND (0.00084)	ND (0.00099)	ND (0.0014)	-	-	ND (0.0018)	ND (0.0018)	ND (0.001)	ND (0.0017)	ND (0.0016)	ND (0.0014)	ND (0.0012)
Xylene (Total)	500	-	-	ND (0.002)	ND (0.0021)	ND (0.002)	ND (0.002)	ND (0.0017)	ND (0.002)	ND (0.0028)	-	-	ND (0.0036)	ND (0.0037)	ND (0.0021)	ND (0.0034)	ND (0.0032)	ND (0.0027)	ND (0.0023)

TABLE 23
SUMMARY OF SOIL QUALITY DATA - BERM 58
FORMER PORT MOBIL TERMINAL
STATEN ISLAND, NEW YORK
FILE NO. 0208998

	Criteria																		
Location Name	NY Part 375	58I	58I	58I1	58I1	58I2	58I2	58I2	58I3	58I3	58J	58J	58J1	58J1	58J1	58J2	58J2	58J3	58J3
Sample Name	Commercial	58I_0-5	58I_5-10	58I1_1-2	58I1_7-8	58I2_0-1	58I2_4-5	58I2_9-10	58I3_3-4	58I3_5-6	58J_0-5	58J_5-10	58J1_1-2	58J1_5-6	58J1_8-9	58J2_2-3	58J2_6-7	58J3_3-4	58J3_7-8
Sample Date	Use	09/26/2025	09/26/2025	09/26/2025	09/26/2025	09/26/2025	09/26/2025	09/26/2025	09/26/2025	09/26/2025	09/26/2025	09/26/2025	09/26/2025	09/26/2025	09/26/2025	09/26/2025	09/26/2025	09/26/2025	09/26/2025
Lab Sample ID	Soil Cleanup	460-335806-17	460-335806-18	460-335806-78	460-335806-82	460-335806-77	460-335806-80	460-335806-83	460-335806-79	460-335806-81	460-335806-19	460-335806-20	460-335806-84	460-335806-87	460-335806-90	460-335806-85	460-335806-88	460-335806-86	460-335806-89
Sample Depth (bgs)	Objectives	0 - 5 (ft)	5 - 10 (ft)	1 - 2 (ft)	7 - 8 (ft)	0 - 1 (ft)	4 - 5 (ft)	9 - 10 (ft)	3 - 4 (ft)	5 - 6 (ft)	0 - 5 (ft)	5 - 10 (ft)	1 - 2 (ft)	5 - 6 (ft)	8 - 9 (ft)	2 - 3 (ft)	6 - 7 (ft)	3 - 4 (ft)	7 - 8 (ft)
Semi-Volatile Organic Compounds (mg/kg)																			
1,2,4,5-Tetrachlorobenzene	NA	ND (0.36)	ND (0.37)	-	-	-	-	-	-	-	ND (0.35)	ND (0.35)	-	-	-	-	-	-	-
1,4-Dioxane	130	ND (0.036)	ND (0.037)	-	-	-	-	-	-	-	ND (0.035)	ND (0.035)	-	-	-	-	-	-	-
2,2'-oxybis(1-Chloropropane)	NA	ND (0.36)	ND (0.37)	-	-	-	-	-	-	-	ND (0.35)	ND (0.35)	-	-	-	-	-	-	-
2,3,4,6-Tetrachlorophenol	NA	ND (0.36)	ND (0.37)	-	-	-	-	-	-	-	ND (0.35)	ND (0.35)	-	-	-	-	-	-	-
2,4,5-Trichlorophenol	NA	ND (0.36)	ND (0.37)	-	-	-	-	-	-	-	ND (0.35)	ND (0.35)	-	-	-	-	-	-	-
2,4,6-Trichlorophenol	NA	ND (0.15)	ND (0.15)	-	-	-	-	-	-	-	ND (0.14)	ND (0.14)	-	-	-	-	-	-	-
2,4-Dichlorophenol	NA	ND (0.15)	ND (0.15)	-	-	-	-	-	-	-	ND (0.14)	ND (0.14)	-	-	-	-	-	-	-
2,4-Dimethylphenol	NA	ND (0.36)	ND (0.37)	-	-	-	-	-	-	-	ND (0.35)	ND (0.35)	-	-	-	-	-	-	-
2,4-Dinitrophenol	NA	ND (0.29)	ND (0.3)	-	-	-	-	-	-	-	ND (0.28)	ND (0.28)	-	-	-	-	-	-	-
2,4-Dinitrotoluene	NA	ND (0.074)	ND (0.074)	-	-	-	-	-	-	-	ND (0.071)	ND (0.072)	-	-	-	-	-	-	-
2,6-Dinitrotoluene	NA	ND (0.074)	ND (0.074)	-	-	-	-	-	-	-	ND (0.071)	ND (0.072)	-	-	-	-	-	-	-
2-Chloronaphthalene	NA	ND (0.36)	ND (0.37)	-	-	-	-	-	-	-	ND (0.35)	ND (0.35)	-	-	-	-	-	-	-
2-Chlorophenol	NA	ND (0.36)	ND (0.37)	-	-	-	-	-	-	-	ND (0.35)	ND (0.35)	-	-	-	-	-	-	-
2-Methylnaphthalene	NA	ND (0.36)	ND (0.37)	-	-	-	-	-	-	-	ND (0.35)	ND (0.35)	-	-	-	-	-	-	-
2-Methylphenol (o-Cresol)	500	ND (0.36)	ND (0.37)	-	-	-	-	-	-	-	ND (0.35)	ND (0.35)	-	-	-	-	-	-	-
2-Nitroaniline	NA	ND (0.36)	ND (0.37)	-	-	-	-	-	-	-	ND (0.35)	ND (0.35)	-	-	-	-	-	-	-
2-Nitrophenol	NA	ND (0.36)	ND (0.37)	-	-	-	-	-	-	-	ND (0.35)	ND (0.35)	-	-	-	-	-	-	-
3&4-Methylphenol	NA	ND (0.36)	ND (0.37)	-	-	-	-	-	-	-	ND (0.35)	ND (0.35)	-	-	-	-	-	-	-
3,3'-Dichlorobenzidine	NA	ND (0.15)	ND (0.15)	-	-	-	-	-	-	-	ND (0.14)	ND (0.14)	-	-	-	-	-	-	-
3-Nitroaniline	NA	ND (0.36)	ND (0.37)	-	-	-	-	-	-	-	ND (0.35)	ND (0.35)	-	-	-	-	-	-	-
4,6-Dinitro-2-methylphenol	NA	ND (0.29)	ND (0.3)	-	-	-	-	-	-	-	ND (0.28)	ND (0.28)	-	-	-	-	-	-	-
4-Bromophenyl phenyl ether (BDE-3)	NA	ND (0.36)	ND (0.37)	-	-	-	-	-	-	-	ND (0.35)	ND (0.35)	-	-	-	-	-	-	-
4-Chloro-3-methylphenol	NA	ND (0.36)	ND (0.37)	-	-	-	-	-	-	-	ND (0.35)	ND (0.35)	-	-	-	-	-	-	-
4-Chloroaniline	NA	ND (0.36)	ND (0.37)	-	-	-	-	-	-	-	ND (0.35)	ND (0.35)	-	-	-	-	-	-	-
4-Chlorophenyl phenyl ether	NA	ND (0.36)	ND (0.37)	-	-	-	-	-	-	-	ND (0.35)	ND (0.35)	-	-	-	-	-	-	-
4-Methylphenol	500	ND (0.36)	ND (0.37)	-	-	-	-	-	-	-	ND (0.35)	ND (0.35)	-	-	-	-	-	-	-
4-Nitroaniline	NA	ND (0.36)	ND (0.37)	-	-	-	-	-	-	-	ND (0.35)	ND (0.35)	-	-	-	-	-	-	-
4-Nitrophenol	NA	ND (0.74)	ND (0.74)	-	-	-	-	-	-	-	ND (0.71)	ND (0.72)	-	-	-	-	-	-	-
Acenaphthene	500	ND (0.36)	ND (0.37)	-	-	-	-	-	-	-	ND (0.35)	ND (0.35)	-	-	-	-	-	-	-
Acenaphthylene	500	0.011 J	ND (0.37)	-	-	-	-	-	-	-	0.01 J	ND (0.35)	-	-	-	-	-	-	-
Acetophenone	NA	ND (0.36)	ND (0.37)	-	-	-	-	-	-	-	ND (0.35)	ND (0.35)	-	-	-	-	-	-	-
Anthracene	500	0.011 J	ND (0.37)	-	-	-	-	-	-	-	0.017 J	ND (0.35)	-	-	-	-	-	-	-
Atrazine	NA	ND (0.15) *	ND (0.15) *	-	-	-	-	-	-	-	ND (0.14) *	ND (0.14) *	-	-	-	-	-	-	-
Benzaldehyde	NA	ND (0.36) *	ND (0.37) *	-	-	-	-	-	-	-	ND (0.35) *	ND (0.35) *	-	-	-	-	-	-	-
Benzo(a)anthracene	5.6	ND (0.036)	ND (0.037)	-	-	-	-	-	-	-	0.066	0.027 J	-	-	-	-	-	-	-
Benzo(a)pyrene	1	0.029 J	ND (0.037)	-	-	-	-	-	-	-	0.12	0.048	-	-	-	-	-	-	-
Benzo(b)fluoranthene	5.6	0.034 J	0.011 J	-	-	-	-	-	-	-	0.13	0.04	-	-	-	-	-	-	-
Benzo(g,h,i)perylene	500	0.025 J	ND (0.37)	-	-	-	-	-	-	-	0.21 J	0.07 J	-	-	-	-	-	-	-
Benzo(k)fluoranthene	56	0.014 J	ND (0.037)	-	-	-	-	-	-	-	0.05	0.015 J	-	-	-	-	-	-	-
Biphenyl	NA	ND (0.36)	ND (0.37)	-	-	-	-	-	-	-	ND (0.35)	ND (0.35)	-	-	-	-	-	-	-
bis(2-Chloroethoxy)methane	NA	ND (0.36)	ND (0.37)	-	-	-	-	-	-	-	ND (0.35)	ND (0.35)	-	-	-	-	-	-	-
bis(2-Chloroethyl)ether	NA	ND (0.036)	ND (0.037)	-	-	-	-	-	-	-	ND (0.035)	ND (0.035)	-	-	-	-	-	-	-
bis(2-Ethylhexyl)phthalate	NA	ND (0.36)	ND (0.37)	-	-	-	-	-	-	-	ND (0.35)	ND (0.35)	-	-	-	-	-	-	-
Butyl benzylphthalate (BBP)	NA	ND (0.36)	ND (0.37)	-	-	-	-	-	-	-	ND (0.35)	ND (0.35)	-	-	-	-	-	-	-
Caprolactam	NA	ND (0.36)	ND (0.37)	-	-	-	-	-	-	-	ND (0.35)	ND (0.35)	-	-	-	-	-	-	-
Carbazole	NA	ND (0.36)	ND (0.37)	-	-	-	-	-	-	-	ND (0.35)	ND (0.35)	-	-	-	-	-	-	-
Chrysene	56	0.022 J	ND (0.37)	-	-	-	-	-	-	-	0.076 J	0.026 J	-	-	-	-	-	-	-
Dibenz(a,h)anthracene	0.56	ND (0.036)	ND (0.037)	-	-	-	-	-	-	-	ND (0.035)	ND (0.035)	-	-	-	-	-	-	-
Dibenzofuran	350	ND (0.36)	ND (0.37)	-	-	-	-	-	-	-	ND (0.35)	ND (0.35)	-	-	-	-	-	-	-
Diethyl phthalate	NA	ND (0.36)	ND (0.37)	-	-	-	-	-	-	-	ND (0.35)	ND (0.35)	-	-	-	-	-	-	-
Dimethyl phthalate	NA	ND (0.36)	ND (0.37)	-	-	-	-	-	-	-	ND (0.35)	ND (0.35)	-	-	-	-	-	-	-
Di-n-butylphthalate (DBP)	NA	ND (0.36)	ND (0.37)	-	-	-	-	-	-	-	ND (0.35)	0.02 J	-	-	-	-	-	-	-
Di-n-octyl phthalate (DnOP)	NA	ND (0.36)	ND (0.37)	-	-	-	-	-	-	-	ND (0.35)	ND (0.35)	-	-	-	-	-	-	-
Fluoranthene	500	0.027 J	ND (0.37)	-	-	-	-	-	-	-	0.11 J	0.041 J	-	-	-	-	-	-	-
Fluorene	500	ND (0.36)	ND (0.37)	-	-	-	-	-	-	-	ND (0.35)	ND (0.35)	-	-	-	-	-	-	-
Hexachlorobenzene	6	ND (0.036)	ND (0.037)	-	-	-	-	-	-	-	ND (0.035)	ND (0.035)	-	-	-	-	-	-	-
Hexachlorobutadiene	NA	ND (0.074)	ND (0.074)	-	-	-	-	-	-	-	ND (0.071)	ND (0.072)	-	-	-	-	-	-	-
Hexachlorocyclopentadiene	NA	ND (0.36)	ND (0.37)	-	-	-	-	-	-	-	ND (0.35)	ND (0.35)	-	-	-	-	-	-	-
Hexachloroethane	NA	ND (0.036)	ND (0.037)	-	-	-	-	-	-	-	ND (0.035)	ND (0.035)	-	-	-	-	-	-	-
Indeno(1,2,3-cd)pyrene	5.6	0.044	0.027 J	-	-	-	-	-	-	-	0.15	0.05	-	-	-	-	-	-	-
Isophorone	NA	ND (0.15)	ND (0.15)	-	-	-	-	-	-	-	ND (0.14)	ND (0.14)	-	-	-	-	-	-	-
Naphthalene	500	0.007 J	ND (0.37)	-	-	-	-	-	-	-	0.011 J	ND (0.35)	-	-	-	-	-	-	-
Nitrobenzene	NA	ND (0.036)	ND (0.037)	-	-	-	-	-	-	-	ND (0.035)	ND (0.035)	-	-	-	-	-	-	-
N-Nitrosodi-n-propylamine	NA	ND (0.036)	ND (0.037)	-	-	-	-	-	-	-	ND (0.035)	ND (0.035)	-	-	-	-	-	-	-
N-Nitrosodiphenylamine	NA	ND (0.36)	ND (0.37)	-	-	-	-	-	-	-	ND (0.35)	ND (0.35)	-	-	-	-	-	-	-
Pentachlorophenol	6.7	ND (0.29)	ND (0.3)	-	-	-	-	-	-	-	ND (0.28)	ND (0.28)	-	-	-	-	-	-	-
Phenanthrene	500	ND (0.36)	ND (0.37)	-	-	-	-	-	-	-	0.039 J	ND (0.35)	-	-	-	-	-	-	-
Phenol	500	ND (0.36)	ND (0.37)	-	-	-	-	-	-	-	ND (0.35)	ND (0.35)	-	-	-	-	-	-	-
Pyrene	500	0.027 J	0.01 J	-	-	-	-	-	-	-	0.17 J	0.063 J	-	-	-	-	-	-	-

TABLE 23
SUMMARY OF SOIL QUALITY DATA - BERM 58
FORMER PORT MOBIL TERMINAL
STATEN ISLAND, NEW YORK
FILE NO. 0208998

	Criteria																		
Location Name	NY Part 375	58I	58I	58I1	58I1	58I2	58I2	58I2	58I3	58I3	58J	58J	58J1	58J1	58J1	58J2	58J2	58J3	58J3
Sample Name	Commercial	58I_0-5	58I_5-10	58I1_1-2	58I1_7-8	58I2_0-1	58I2_4-5	58I2_9-10	58I3_3-4	58I3_5-6	58J_0-5	58J_5-10	58J1_1-2	58J1_5-6	58J1_8-9	58J2_2-3	58J2_6-7	58J3_3-4	58J3_7-8
Sample Date	Use	09/26/2025	09/26/2025	09/26/2025	09/26/2025	09/26/2025	09/26/2025	09/26/2025	09/26/2025	09/26/2025	09/26/2025	09/26/2025	09/26/2025	09/26/2025	09/26/2025	09/26/2025	09/26/2025	09/26/2025	09/26/2025
Lab Sample ID	Soil Cleanup	460-335806-17	460-335806-18	460-335806-78	460-335806-82	460-335806-77	460-335806-80	460-335806-83	460-335806-79	460-335806-81	460-335806-19	460-335806-20	460-335806-84	460-335806-87	460-335806-90	460-335806-85	460-335806-88	460-335806-86	460-335806-89
Sample Depth (bgs)	Objectives	0 - 5 (ft)	5 - 10 (ft)	1 - 2 (ft)	7 - 8 (ft)	0 - 1 (ft)	4 - 5 (ft)	9 - 10 (ft)	3 - 4 (ft)	5 - 6 (ft)	0 - 5 (ft)	5 - 10 (ft)	1 - 2 (ft)	5 - 6 (ft)	8 - 9 (ft)	2 - 3 (ft)	6 - 7 (ft)	3 - 4 (ft)	7 - 8 (ft)
PFAS (mg/kg)																			
11-Chloroeicosafluoro-3-Oxaundecane-1-Sulfonic Acid (11Cl-PF3OUdS)	NA	ND (0.00019) *	ND (0.00019) *	-	-	-	-	-	-	-	ND (0.00019) *	ND (0.00019) *	-	-	-	-	-	-	-
2H,2H,3H,3H-Perfluorooctanoic acid (5:3 FTCA)	NA	ND (0.00097)	ND (0.00096)	-	-	-	-	-	-	-	ND (0.00096)	ND (0.00096)	-	-	-	-	-	-	-
3-(Perfluoroheptyl)propanoic acid (7:3 FTCA)	NA	ND (0.00097)	ND (0.00096)	-	-	-	-	-	-	-	ND (0.00096)	ND (0.00096)	-	-	-	-	-	-	-
3:3 Fluorotelomer carboxylic acid (3:3 FTCA)	NA	ND (0.00039)	ND (0.00038)	-	-	-	-	-	-	-	ND (0.00038)	ND (0.00038)	-	-	-	-	-	-	-
4,8-Dioxa-3H-Perfluorononanoic Acid (ADONA)	NA	ND (0.00019)	ND (0.00019)	-	-	-	-	-	-	-	ND (0.00019)	ND (0.00019)	-	-	-	-	-	-	-
4:2 Fluorotelomer sulfonic acid (4:2 FTS)	NA	ND (0.00039)	ND (0.00038)	-	-	-	-	-	-	-	ND (0.00038)	ND (0.00038)	-	-	-	-	-	-	-
6:2 Fluorotelomer sulfonic acid (6:2 FTS)	NA	ND (0.00039)	ND (0.00038)	-	-	-	-	-	-	-	ND (0.00038)	ND (0.00038)	-	-	-	-	-	-	-
8:2 Fluorotelomer sulfonic acid (8:2 FTS)	NA	ND (0.00039)	ND (0.00038)	-	-	-	-	-	-	-	ND (0.00038)	ND (0.00038)	-	-	-	-	-	-	-
9-Chlorohexadecafluoro-3-Oxanone-1-Sulfonic Acid (9Cl-PF3ONS)	NA	ND (0.00019)	ND (0.00019)	-	-	-	-	-	-	-	ND (0.00019)	ND (0.00019)	-	-	-	-	-	-	-
N-Ethyl Perfluorooctanesulfonamidoacetic Acid (NEtFOSAA)	NA	ND (0.00019)	ND (0.00019)	-	-	-	-	-	-	-	ND (0.00019)	ND (0.00019)	-	-	-	-	-	-	-
N-Ethylperfluorooctane sulfonamide (N-EtFOSA)	NA	ND (0.00019)	ND (0.00019)	-	-	-	-	-	-	-	ND (0.00019)	ND (0.00019)	-	-	-	-	-	-	-
N-Ethylperfluorooctane sulfonamidoethanol (N-EtFOSE)	NA	ND (0.00097)	ND (0.00096)	-	-	-	-	-	-	-	ND (0.00096)	ND (0.00096)	-	-	-	-	-	-	-
N-Methyl Perfluorooctanesulfonamidoacetic Acid (NMeFOSAA)	NA	ND (0.00019)	ND (0.00019)	-	-	-	-	-	-	-	ND (0.00019)	ND (0.00019)	-	-	-	-	-	-	-
N-Methylperfluorooctane sulfonamide (N-MeFOSA)	NA	ND (0.00019)	ND (0.00019)	-	-	-	-	-	-	-	ND (0.00019)	ND (0.00019)	-	-	-	-	-	-	-
N-Methylperfluorooctane sulfonamidoethanol (N-MeFOSE)	NA	ND (0.00097)	ND (0.00096)	-	-	-	-	-	-	-	ND (0.00096)	ND (0.00096)	-	-	-	-	-	-	-
Nonafluoro-3,6-dioxaheptanoic acid (NFDHA)	NA	ND (0.00019)	ND (0.00019)	-	-	-	-	-	-	-	ND (0.00019)	ND (0.00019)	-	-	-	-	-	-	-
Perfluoro(2-ethoxyethane) sulphonic acid (PFEESA)	NA	ND (0.00019)	ND (0.00019)	-	-	-	-	-	-	-	ND (0.00019)	ND (0.00019)	-	-	-	-	-	-	-
Perfluoro(4-methoxybutanoic) acid (PFMBA)	NA	ND (0.00019)	ND (0.00019)	-	-	-	-	-	-	-	ND (0.00019)	ND (0.00019)	-	-	-	-	-	-	-
Perfluoro-2-propoxypropanoic acid (PFPrOPrA)(GenX) (HFPO-DA)	NA	ND (0.00019)	ND (0.00019)	-	-	-	-	-	-	-	ND (0.00019)	ND (0.00019)	-	-	-	-	-	-	-
Perfluoro-3-methoxypropanoic acid (PFMPA)	NA	ND (0.00019)	ND (0.00019)	-	-	-	-	-	-	-	ND (0.00019)	ND (0.00019)	-	-	-	-	-	-	-
Perfluorobutanesulfonic acid (PFBS)	NA	ND (0.00019)	ND (0.00019)	-	-	-	-	-	-	-	ND (0.00019)	ND (0.00019)	-	-	-	-	-	-	-
Perfluorobutanoic acid (PFBA)	NA	ND (0.00039)	ND (0.00038)	-	-	-	-	-	-	-	ND (0.00038)	ND (0.00038)	-	-	-	-	-	-	-
Perfluorodecanesulfonic acid (PFDS)	NA	ND (0.00019) *	ND (0.00019) *	-	-	-	-	-	-	-	ND (0.00019) *	ND (0.00019) *	-	-	-	-	-	-	-
Perfluorodecanoic acid (PFDA)	NA	0.00028	0.00041	-	-	-	-	-	-	-	0.00057	0.00035	-	-	-	-	-	-	-
Perfluorododecane sulfonic acid (PFDoDS)	NA	ND (0.00019) *	ND (0.00019) *	-	-	-	-	-	-	-	ND (0.00019) *	ND (0.00019) *	-	-	-	-	-	-	-
Perfluorododecanoic acid (PFDoDA)	NA	0.00028	0.0002	-	-	-	-	-	-	-	0.00027	0.00026	-	-	-	-	-	-	-
Perfluoroheptanesulfonic acid (PFHpS)	NA	ND (0.00019)	ND (0.00019)	-	-	-	-	-	-	-	ND (0.00019)	ND (0.00019)	-	-	-	-	-	-	-
Perfluoroheptanoic acid (PFHpA)	NA	ND (0.00019)	ND (0.00019)	-	-	-	-	-	-	-	ND (0.00019)	ND (0.00019)	-	-	-	-	-	-	-
Perfluorohexanesulfonic acid (PFHxS)	NA	ND (0.00019)	ND (0.00019)	-	-	-	-	-	-	-	ND (0.00019)	ND (0.00019)	-	-	-	-	-	-	-
Perfluorohexanoic acid (PFHxA)	NA	ND (0.00019)	ND (0.00019)	-	-	-	-	-	-	-	ND (0.00019)	ND (0.00019)	-	-	-	-	-	-	-
Perfluorononane sulfonic acid (PFNS)	NA	ND (0.00019)	ND (0.00019)	-	-	-	-	-	-	-	ND (0.00019)	ND (0.00019)	-	-	-	-	-	-	-
Perfluorononanoic acid (PFNA)	NA	0.00016 J	0.00085	-	-	-	-	-	-	-	0.00046	0.00016 J	-	-	-	-	-	-	-
Perfluorooctane sulfonamide (PFOSA)	NA	ND (0.00019)	ND (0.00019)	-	-	-	-	-	-	-	ND (0.00019)	ND (0.00019)	-	-	-	-	-	-	-
Perfluorooctanesulfonic acid (PFOS)	0.44	ND (0.00019)	0.00011 J	-	-	-	-	-	-	-	ND (0.00019)	ND (0.00019)	-	-	-	-	-	-	-
Perfluorooctanoic acid (PFOA)	0.5	ND (0.00019)	0.000073 J	-	-	-	-	-	-	-	0.00013 J	0.000066 J	-	-	-	-	-	-	-
Perfluoropentanesulfonic acid (PFPeS)	NA	ND (0.00019)	ND (0.00019)	-	-	-	-	-	-	-	ND (0.00019)	ND (0.00019)	-	-	-	-	-	-	-
Perfluoropentanoic acid (PFPeA)	NA	ND (0.00019)	ND (0.00019)	-	-	-	-	-	-	-	0.0001 J	ND (0.00019)	-	-	-	-	-	-	-
Perfluorotetradecanoic acid (PFTeDA)	NA	ND (0.00019)	ND (0.00019)	-	-	-	-	-	-	-	ND (0.00019)	ND (0.00019)	-	-	-	-	-	-	-
Perfluorotridecanoic acid (PFTrDA)	NA	0.00133	0.00063	-	-	-	-	-	-	-	0.00138	0.0012	-	-	-	-	-	-	-
Perfluoroundecanoic acid (PFUnDA)	NA	0.00237	0.0009	-	-	-	-	-	-	-	0.00363	0.00163	-	-	-	-	-	-	-
Pesticides (mg/kg)																			
4,4'-DDD	92	ND (0.0074)	ND (0.0074)	-	-	-	-	-	-	-	ND (0.0072)	ND (0.0072)	-	-	-	-	-	-	-
4,4'-DDE	62	ND (0.0074)	ND (0.0074)	-	-	-	-	-	-	-	ND (0.0072)	ND (0.0072)	-	-	-	-	-	-	-
4,4'-DDT	47	ND (0.0074)	ND (0.0074)	-	-	-	-	-	-	-	ND (0.0072)	ND (0.0072)	-	-	-	-	-	-	-
Aldrin	0.68	ND (0.0074)	ND (0.0074)	-	-	-	-	-	-	-	ND (0.0072)	ND (0.0072)	-	-	-	-	-	-	-
alpha-BHC	3.4	ND (0.0022)	ND (0.0022)	-	-	-	-	-	-	-	ND (0.0021)	ND (0.0021)	-	-	-	-	-	-	-
alpha-Chlordane (cis)	24	ND (0.0074)	ND (0.0074)	-	-	-	-	-	-	-	ND (0.0072)	ND (0.0072)	-	-	-	-	-	-	-
beta-BHC	3	ND (0.0022)	ND (0.0022)	-	-	-	-	-	-	-	ND (0.0021)	ND (0.0021)	-	-	-	-	-	-	-
Chlordane	NA	ND (0.074)	ND (0.074)	-	-	-	-	-	-	-	ND (0.072)	ND (0.072)	-	-	-	-	-	-	-
delta-BHC	500	ND (0.0022)	ND (0.0022)	-	-	-	-	-	-	-	ND (0.0021)	ND (0.0021)	-	-	-	-	-	-	-
Dieldrin	1.4	ND (0.0022)	ND (0.0022)	-	-	-	-	-	-	-	ND (0.0021)	ND (0.0021)	-	-	-	-	-	-	-
Endosulfan I	200	ND (0.0074)	ND (0.0074)	-	-	-	-	-	-	-	ND (0.0072)	ND (0.0072)	-	-	-	-	-	-	-
Endosulfan II	200	ND (0.0074)	ND (0.0074)	-	-	-	-	-	-	-	ND (0.0072)	ND (0.0072)	-	-	-	-	-	-	-
Endosulfan sulfate	200	ND (0.0074)	ND (0.0074)	-	-	-	-	-	-	-	ND (0.0072)	ND (0.0072)	-	-	-	-	-	-	-
Endrin	89	ND (0.0074)	ND (0.0074)	-	-	-	-	-	-	-	ND (0.0072)	ND (0.0072)	-	-	-	-	-	-	-
Endrin aldehyde	NA	ND (0.0074)	ND (0.0074)	-	-	-	-	-	-	-	ND (0.0072)	ND (0.0072)	-	-	-	-	-	-	-
Endrin ketone	NA	ND (0.0074)	ND (0.0074)	-	-	-	-	-	-	-	ND (0.0072)	ND (0.0072)	-	-	-	-	-	-	-
gamma-BHC (Lindane)	9.2	ND (0.0022)	ND (0.0022)	-	-	-	-	-	-	-	ND (0.0021)	ND (0.0021)	-	-	-	-	-	-	-
Heptachlor	15	ND (0.0074)	ND (0.0074)	-	-	-	-	-	-	-	ND (0.0072)	ND (0.0072)	-	-	-	-	-	-	-
Heptachlor epoxide	NA	ND (0.0074)	ND (0.0074)	-	-	-	-	-	-	-	ND (0.0072)	ND (0.0072)	-	-	-	-	-	-	-
Methoxychlor	NA	ND (0.0074)	ND (0.0074)	-	-	-	-	-	-	-	ND (0.0072)	ND (0.0072)	-	-	-	-	-	-	-
Toxaphene	NA	ND (0.074)	ND (0.074)	-	-	-	-	-	-	-	ND (0.072)	ND (0.072)	-	-	-	-	-	-	-

TABLE 23
SUMMARY OF SOIL QUALITY DATA - BERM 58
FORMER PORT MOBIL TERMINAL
STATEN ISLAND, NEW YORK
FILE NO. 0208998

	Criteria																		
Location Name	NY Part 375	58I	58I	58I1	58I1	58I2	58I2	58I2	58I3	58I3	58J	58J	58J1	58J1	58J1	58J2	58J2	58J3	58J3
Sample Name	Commercial	58I_0-5	58I_5-10	58I1_1-2	58I1_7-8	58I2_0-1	58I2_4-5	58I2_9-10	58I3_3-4	58I3_5-6	58J_0-5	58J_5-10	58J1_1-2	58J1_5-6	58J1_8-9	58J2_2-3	58J2_6-7	58J3_3-4	58J3_7-8
Sample Date	Use	09/26/2025	09/26/2025	09/26/2025	09/26/2025	09/26/2025	09/26/2025	09/26/2025	09/26/2025	09/26/2025	09/26/2025	09/26/2025	09/26/2025	09/26/2025	09/26/2025	09/26/2025	09/26/2025	09/26/2025	09/26/2025
Lab Sample ID	Soil Cleanup	460-335806-17	460-335806-18	460-335806-78	460-335806-82	460-335806-77	460-335806-80	460-335806-83	460-335806-79	460-335806-81	460-335806-19	460-335806-20	460-335806-84	460-335806-87	460-335806-90	460-335806-85	460-335806-88	460-335806-86	460-335806-89
Sample Depth (bgs)	Objectives	0 - 5 (ft)	5 - 10 (ft)	1 - 2 (ft)	7 - 8 (ft)	0 - 1 (ft)	4 - 5 (ft)	9 - 10 (ft)	3 - 4 (ft)	5 - 6 (ft)	0 - 5 (ft)	5 - 10 (ft)	1 - 2 (ft)	5 - 6 (ft)	8 - 9 (ft)	2 - 3 (ft)	6 - 7 (ft)	3 - 4 (ft)	7 - 8 (ft)
Polychlorinated Biphenyls (mg/kg)																			
Aroclor-1016 (PCB-1016)	NA	ND (0.074)	ND (0.074)	-	-	-	-	-	-	-	ND (0.072)	ND (0.072)	-	-	-	-	-	-	-
Aroclor-1221 (PCB-1221)	NA	ND (0.074)	ND (0.074)	-	-	-	-	-	-	-	ND (0.072)	ND (0.072)	-	-	-	-	-	-	-
Aroclor-1232 (PCB-1232)	NA	ND (0.074)	ND (0.074)	-	-	-	-	-	-	-	ND (0.072)	ND (0.072)	-	-	-	-	-	-	-
Aroclor-1242 (PCB-1242)	NA	ND (0.074)	ND (0.074)	-	-	-	-	-	-	-	ND (0.072)	ND (0.072)	-	-	-	-	-	-	-
Aroclor-1248 (PCB-1248)	NA	ND (0.074)	ND (0.074)	-	-	-	-	-	-	-	ND (0.072)	ND (0.072)	-	-	-	-	-	-	-
Aroclor-1254 (PCB-1254)	NA	ND (0.074)	ND (0.074)	-	-	-	-	-	-	-	ND (0.072)	ND (0.072)	-	-	-	-	-	-	-
Aroclor-1260 (PCB-1260)	NA	ND (0.074)	ND (0.074)	-	-	-	-	-	-	-	ND (0.072)	ND (0.072)	-	-	-	-	-	-	-
Aroclor-1262 (PCB-1262)	NA	ND (0.074)	ND (0.074)	-	-	-	-	-	-	-	ND (0.072)	ND (0.072)	-	-	-	-	-	-	-
Aroclor-1268 (PCB-1268)	NA	ND (0.074)	ND (0.074)	-	-	-	-	-	-	-	ND (0.072)	ND (0.072)	-	-	-	-	-	-	-
Total PCBs	1	ND (0.074)	ND (0.074)	-	-	-	-	-	-	-	ND (0.072)	ND (0.072)	-	-	-	-	-	-	-
Inorganic Compounds (mg/kg)																			
Aluminum	NA	6740	6460	-	-	-	-	-	-	-	7130	6910	-	-	-	-	-	-	-
Antimony	NA	0.61 J	0.46 J	-	-	-	-	-	-	-	1.3	0.63 J	-	-	-	-	-	-	-
Arsenic	16	7.4	7	-	-	-	-	-	-	-	9.3	8.1	-	-	-	-	-	-	-
Barium	400	33.5	31.5	-	-	-	-	-	-	-	78	34.4	-	-	-	-	-	-	-
Beryllium	590	0.45	0.46	-	-	-	-	-	-	-	1.1	0.51	-	-	-	-	-	-	-
Cadmium	9.3	0.33 J	0.3 J	-	-	-	-	-	-	-	0.41 J	0.31 J	-	-	-	-	-	-	-
Calcium	NA	2940	2060	-	-	-	-	-	-	-	2710	1640	-	-	-	-	-	-	-
Chromium	NA	13.8	13.4	-	-	-	-	-	-	-	22.4	13.7	-	-	-	-	-	-	-
Cobalt	NA	6	6	-	-	-	-	-	-	-	9.1	5.6	-	-	-	-	-	-	-
Copper	270	41.7	33.7	-	-	-	-	-	-	-	98	42.1	-	-	-	-	-	-	-
Iron	NA	18300	17800	-	-	-	-	-	-	-	20400	19400	-	-	-	-	-	-	-
Lead	1000	56.1	42.6	-	-	-	-	-	-	-	98.4	51.8	-	-	-	-	-	-	-
Magnesium	NA	3100	2640	-	-	-	-	-	-	-	2460	2460	-	-	-	-	-	-	-
Manganese	10000	225	229	-	-	-	-	-	-	-	226	228	-	-	-	-	-	-	-
Mercury	2.8	0.029	0.041	-	-	-	-	-	-	-	0.054	0.047	-	-	-	-	-	-	-
Nickel	310	12.4	10.6	-	-	-	-	-	-	-	50.3	12	-	-	-	-	-	-	-
Potassium	NA	869	821	-	-	-	-	-	-	-	926	889	-	-	-	-	-	-	-
Selenium	1500	0.19 J	0.18 J	-	-	-	-	-	-	-	0.33 J	0.32 J	-	-	-	-	-	-	-
Silver	1500	0.22 J	0.21 J	-	-	-	-	-	-	-	0.51	0.27 J	-	-	-	-	-	-	-
Sodium	NA	79.7 J	68.4 J	-	-	-	-	-	-	-	175	76.6 J	-	-	-	-	-	-	-
Thallium	NA	0.075 J	0.073 J	-	-	-	-	-	-	-	0.082 J	0.079 J	-	-	-	-	-	-	-
Vanadium	NA	23.5	22.4	-	-	-	-	-	-	-	27.9	23.4	-	-	-	-	-	-	-
Zinc	10000	61.1	51.9	-	-	-	-	-	-	-	118	65.1	-	-	-	-	-	-	-

ABBREVIATIONS AND NOTES:

mg/kg: milligram per kilogram

**: LCS or LCSD is outside acceptance limits.*
-: Not Analyzed
B: Compound was found in the blank and the associated sample.
bgs: below ground surface
ft: feet
J: Value is estimated.
NA: Not Applicable
ND (2.5): Not detected, number in parentheses is the laboratory reporting limit

- For test methods used, see the laboratory data sheets.
- Soil analytical results are compared to the New York State Department of Environmental Conservation (NYSDEC) Title 6 of the Official Compilation of New York Codes, Rules, and Regulations (NYCRR) Part 375 Commercial Use Soil Cleanup Objectives (SCO).
- Grey shading indicates an exceedance of the Commercial Use Soil Cleanup Objectives.

TABLE 24
SUMMARY OF SOIL QUALITY DATA - BERM 59
FORMER PORT MOBIL TERMINAL
STATEN ISLAND, NEW YORK
FILE NO. 0208998

	Criteria																	
Location Name	NY Part 375	59A	59A	59A1	59A1	59A2	59A2	59A3	59A3	59A3	59B	59B	59B1	59B1	59B2	59B2	59B2	59B3	59B3
Sample Name	Commercial	59A_0-6	59A_6-12	59A1_0-1	59A1_4-5	59A2_2-3	59A2_6-7	59A3_3-4	59A3_8-9	59A3_11-12	59B_0-6	59B_6-12	59B1_1-2	59B1_5-6	59B2_2-3	59B2_7-8	59B2_9-10	59B3_4-5	59B3_8-9
Sample Date	Use	09/29/2025	09/29/2025	09/29/2025	09/29/2025	09/29/2025	09/29/2025	09/29/2025	09/29/2025	09/29/2025	09/29/2025	09/29/2025	09/29/2025	09/29/2025	09/29/2025	09/29/2025	09/29/2025	09/29/2025	09/29/2025
Lab Sample ID	Soil Cleanup	460-335975-1	460-335975-2	460-335975-17	460-335975-20	460-335975-18	460-335975-21	460-335975-19	460-335975-22	460-335975-23	460-335975-3	460-335975-4	460-335975-24	460-335975-27	460-335975-25	460-335975-28	460-335975-30	460-335975-26	460-335975-29
Sample Depth (bgs)	Objectives	0 - 6 (ft)	6 - 12 (ft)	0 - 1 (ft)	4 - 5 (ft)	2 - 3 (ft)	6 - 7 (ft)	3 - 4 (ft)	8 - 9 (ft)	11 - 12 (ft)	0 - 6 (ft)	6 - 12 (ft)	1 - 2 (ft)	5 - 6 (ft)	2 - 3 (ft)	7 - 8 (ft)	9 - 10 (ft)	4 - 5 (ft)	8 - 9 (ft)
Volatile Organic Compounds (mg/kg)																			
1,1,1-Trichloroethane	500	-	-	ND (0.0011)	ND (0.0016)	ND (0.0011)	ND (0.0011)	ND (0.001)	ND (0.001)	ND (0.00094)	-	-	ND (0.0012)	ND (0.00094)	ND (0.0013)	ND (0.0018)	ND (0.00097)	ND (0.00076)	ND (0.0011)
1,1,2,2-Tetrachloroethane	NA	-	-	ND (0.0011)	ND (0.0016)	ND (0.0011)	ND (0.0011)	ND (0.001)	ND (0.001)	ND (0.00094)	-	-	ND (0.0012)	ND (0.00094)	ND (0.0013)	ND (0.0018)	ND (0.00097)	ND (0.00076)	ND (0.0011)
1,1,2-Trichloroethane	NA	-	-	ND (0.0011)	ND (0.0016)	ND (0.0011)	ND (0.0011)	ND (0.001)	ND (0.001)	ND (0.00094)	-	-	ND (0.0012)	ND (0.00094)	ND (0.0013)	ND (0.0018)	ND (0.00097)	ND (0.00076)	ND (0.0011)
1,1-Dichloroethane	240	-	-	ND (0.0011)	ND (0.0016)	ND (0.0011)	ND (0.0011)	ND (0.001)	ND (0.001)	ND (0.00094)	-	-	ND (0.0012)	ND (0.00094)	ND (0.0013)	ND (0.0018)	ND (0.00097)	ND (0.00076)	ND (0.0011)
1,1-Dichloroethene	500	-	-	ND (0.0011)	ND (0.0016)	ND (0.0011)	ND (0.0011)	ND (0.001)	ND (0.001)	ND (0.00094)	-	-	ND (0.0012)	ND (0.00094)	ND (0.0013)	ND (0.0018)	ND (0.00097)	ND (0.00076)	ND (0.0011)
1,2,3-Trichlorobenzene	NA	-	-	ND (0.0011)	ND (0.0016)	ND (0.0011)	ND (0.0011)	ND (0.001)	ND (0.001)	ND (0.00094)	-	-	ND (0.0012)	ND (0.00094)	ND (0.0013)	ND (0.0018)	ND (0.00097)	ND (0.00076)	ND (0.0011)
1,2,4-Trichlorobenzene	NA	-	-	ND (0.0011)	ND (0.0016)	ND (0.0011)	ND (0.0011)	ND (0.001)	ND (0.001)	ND (0.00094)	-	-	ND (0.0012)	ND (0.00094)	ND (0.0013)	ND (0.0018)	ND (0.00097)	ND (0.00076)	ND (0.0011)
1,2,4-Trimethylbenzene	190	-	-	ND (0.0011)	ND (0.0016)	ND (0.0011)	ND (0.0011)	ND (0.001)	ND (0.001)	ND (0.00094)	-	-	ND (0.0012)	ND (0.00094)	ND (0.0013)	ND (0.0018)	ND (0.00097)	ND (0.00076)	ND (0.0011)
1,2-Dibromo-3-chloropropane (DBCP)	NA	-	-	ND (0.0011)	ND (0.0016)	ND (0.0011)	ND (0.0011)	ND (0.001)	ND (0.001)	ND (0.00094)	-	-	ND (0.0012)	ND (0.00094)	ND (0.0013)	ND (0.0018)	ND (0.00097)	ND (0.00076)	ND (0.0011)
1,2-Dibromoethane (Ethylene Dibromide)	NA	-	-	ND (0.0011)	ND (0.0016)	ND (0.0011)	ND (0.0011)	ND (0.001)	ND (0.001)	ND (0.00094)	-	-	ND (0.0012)	ND (0.00094)	ND (0.0013)	ND (0.0018)	ND (0.00097)	ND (0.00076)	ND (0.0011)
1,2-Dichlorobenzene	500	-	-	ND (0.0011)	ND (0.0016)	ND (0.0011)	ND (0.0011)	ND (0.001)	ND (0.001)	ND (0.00094)	-	-	ND (0.0012)	ND (0.00094)	ND (0.0013)	ND (0.0018)	ND (0.00097)	ND (0.00076)	ND (0.0011)
1,2-Dichloroethane	30	-	-	ND (0.0011)	ND (0.0016)	ND (0.0011)	ND (0.0011)	ND (0.001)	ND (0.001)	ND (0.00094)	-	-	ND (0.0012)	ND (0.00094)	ND (0.0013)	ND (0.0018)	ND (0.00097)	ND (0.00076)	ND (0.0011)
1,2-Dichloropropane	NA	-	-	ND (0.0011)	ND (0.0016)	ND (0.0011)	ND (0.0011)	ND (0.001)	ND (0.001)	ND (0.00094)	-	-	ND (0.0012)	ND (0.00094)	ND (0.0013)	ND (0.0018)	ND (0.00097)	ND (0.00076)	ND (0.0011)
1,3,5-Trimethylbenzene	190	-	-	ND (0.0011)	ND (0.0016)	ND (0.0011)	ND (0.0011)	ND (0.001)	ND (0.001)	ND (0.00094)	-	-	ND (0.0012)	ND (0.00094)	ND (0.0013)	ND (0.0018)	ND (0.00097)	ND (0.00076)	ND (0.0011)
1,3-Dichlorobenzene	280	-	-	ND (0.0011)	ND (0.0016)	ND (0.0011)	ND (0.0011)	ND (0.001)	ND (0.001)	ND (0.00094)	-	-	ND (0.0012)	ND (0.00094)	ND (0.0013)	ND (0.0018)	ND (0.00097)	ND (0.00076)	ND (0.0011)
1,4-Dichlorobenzene	130	-	-	ND (0.0011)	ND (0.0016)	ND (0.0011)	ND (0.0011)	ND (0.001)	ND (0.001)	ND (0.00094)	-	-	ND (0.0012)	ND (0.00094)	ND (0.0013)	ND (0.0018)	ND (0.00097)	ND (0.00076)	ND (0.0011)
2-Butanone (Methyl Ethyl Ketone)	500	-	-	ND (0.0055)	ND (0.0079)	ND (0.0053)	ND (0.0054)	ND (0.005)	ND (0.0051)	ND (0.0047)	-	-	ND (0.0061)	ND (0.0047)	ND (0.0063)	ND (0.0088)	ND (0.0048)	ND (0.0038)	ND (0.0054)
2-Hexanone (Methyl Butyl Ketone)	NA	-	-	ND (0.0055)	ND (0.0079)	ND (0.0053)	ND (0.0054)	ND (0.005)	ND (0.0051)	ND (0.0047)	-	-	ND (0.0061)	ND (0.0047)	ND (0.0063)	ND (0.0088)	ND (0.0048)	ND (0.0038)	ND (0.0054)
2-Phenylbutane (sec-Butylbenzene)	500	-	-	ND (0.0011)	ND (0.0016)	ND (0.0011)	ND (0.0011)	ND (0.001)	ND (0.001)	ND (0.00094)	-	-	ND (0.0012)	ND (0.00094)	ND (0.0013)	ND (0.0018)	ND (0.00097)	ND (0.00076)	ND (0.0011)
4-Methyl-2-Pentanone (Methyl Isobutyl Ketone)	NA	-	-	ND (0.0055)	ND (0.0079)	ND (0.0053)	ND (0.0054)	ND (0.005)	ND (0.0051)	ND (0.0047)	-	-	ND (0.0061)	ND (0.0047)	ND (0.0063)	ND (0.0088)	ND (0.0048)	ND (0.0038)	ND (0.0054)
Acetone	500	-	-	ND (0.0066)	ND (0.0095)	ND (0.0063)	ND (0.0064)	ND (0.006)	ND (0.0061)	ND (0.0056)	-	-	ND (0.0073)	ND (0.0056)	ND (0.0075)	ND (0.011)	ND (0.0058)	ND (0.0046)	ND (0.0065)
Benzene	44	-	-	ND (0.0011)	ND (0.0016)	ND (0.0011)	ND (0.0011)	ND (0.001)	ND (0.001)	ND (0.00094)	-	-	ND (0.0012)	ND (0.00094)	ND (0.0013)	ND (0.0018)	ND (0.00097)	ND (0.00076)	ND (0.0011)
Bromodichloromethane	NA	-	-	ND (0.0011)	ND (0.0016)	ND (0.0011)	ND (0.0011)	ND (0.001)	ND (0.001)	ND (0.00094)	-	-	ND (0.0012)	ND (0.00094)	ND (0.0013)	ND (0.0018)	ND (0.00097)	ND (0.00076)	ND (0.0011)
Bromoform	NA	-	-	ND (0.0011)	ND (0.0016)	ND (0.0011)	ND (0.0011)	ND (0.001)	ND (0.001)	ND (0.00094)	-	-	ND (0.0012)	ND (0.00094)	ND (0.0013)	ND (0.0018)	ND (0.00097)	ND (0.00076)	ND (0.0011)
Bromomethane (Methyl Bromide)	NA	-	-	ND (0.0022)	ND (0.0032)	ND (0.0021)	ND (0.0021)	ND (0.002)	ND (0.002)	ND (0.0019)	-	-	ND (0.0024)	ND (0.0019)	ND (0.0025)	ND (0.0035)	ND (0.0019)	ND (0.0015)	ND (0.0022)
Carbon disulfide	NA	-	-	ND (0.0011)	ND (0.0016)	ND (0.0011)	ND (0.0011)	ND (0.001)	ND (0.001)	ND (0.00094)	-	-	ND (0.0012)	ND (0.00094)	ND (0.0013)	ND (0.0018)	ND (0.00097)	ND (0.00076)	ND (0.0011)
Carbon tetrachloride	22	-	-	ND (0.0011)	ND (0.0016)	ND (0.0011)	ND (0.0011)	ND (0.001)	ND (0.001)	ND (0.00094)	-	-	ND (0.0012)	ND (0.00094)	ND (0.0013)	ND (0.0018)	ND (0.00097)	ND (0.00076)	ND (0.0011)
Chlorobenzene	500	-	-	ND (0.0011)	ND (0.0016)	ND (0.0011)	ND (0.0011)	ND (0.001)	ND (0.001)	ND (0.00094)	-	-	ND (0.0012)	ND (0.00094)	ND (0.0013)	ND (0.0018)	ND (0.00097)	ND (0.00076)	ND (0.0011)
Chlorobromomethane	NA	-	-	ND (0.0011)	ND (0.0016)	ND (0.0011)	ND (0.0011)	ND (0.001)	ND (0.001)	ND (0.00094)	-	-	ND (0.0012)	ND (0.00094)	ND (0.0013)	ND (0.0018)	ND (0.00097)	ND (0.00076)	ND (0.0011)
Chloroethane	NA	-	-	ND (0.0011)	ND (0.0016)	ND (0.0011)	ND (0.0011)	ND (0.001)	ND (0.001)	ND (0.00094)	-	-	ND (0.0012)	ND (0.00094)	ND (0.0013)	ND (0.0018)	ND (0.00097)	ND (0.00076)	ND (0.0011)
Chloroform (Trichloromethane)	350	-	-	ND (0.0011)	ND (0.0016)	ND (0.0011)	ND (0.0011)	ND (0.001)	ND (0.001)	ND (0.00094)	-	-	ND (0.0012)	ND (0.00094)	ND (0.0013)	ND (0.0018)	ND (0.00097)	ND (0.00076)	ND (0.0011)
Chloromethane (Methyl Chloride)	NA	-	-	ND (0.0011)	ND (0.0016)	ND (0.0011)	ND (0.0011)	ND (0.001)	ND (0.001)	ND (0.00094)	-	-	ND (0.0012)	ND (0.00094)	ND (0.0013)	ND (0.0018)	ND (0.00097)	ND (0.00076)	ND (0.0011)
cis-1,2-Dichloroethene	500	-	-	ND (0.0011)	ND (0.0016)	ND (0.0011)	ND (0.0011)	ND (0.001)	ND (0.001)	ND (0.00094)	-	-	ND (0.0012)	ND (0.00094)	ND (0.0013)	ND (0.0018)	ND (0.00097)	ND (0.00076)	ND (0.0011)
cis-1,3-Dichloropropene	NA	-	-	ND (0.0011)	ND (0.0016)	ND (0.0011)	ND (0.0011)	ND (0.001)	ND (0.001)	ND (0.00094)	-	-	ND (0.0012)	ND (0.00094)	ND (0.0013)	ND (0.0018)	ND (0.00097)	ND (0.00076)	ND (0.0011)
Cyclohexane	NA	-	-	ND (0.0011)	ND (0.0016)	ND (0.0011)	ND (0.0011)	ND (0.001)	ND (0.001)	ND (0.00094)	-	-	ND (0.0012)	ND (0.00094)	ND (0.0013)	ND (0.0018)	ND (0.00097)	ND (0.00076)	ND (0.0011)
Dibromochloromethane	NA	-	-	ND (0.0011)	ND (0.0016)	ND (0.0011)	ND (0.0011)	ND (0.001)	ND (0.001)	ND (0.00094)	-	-	ND (0.0012)	ND (0.00094)	ND (0.0013)	ND (0.0018)	ND (0.00097)	ND (0.00076)	ND (0.0011)
Dichlorodifluoromethane (CFC-12)	NA	-	-	ND (0.0011)	ND (0.0016)	ND (0.0011)	ND (0.0011)	ND (0.001)	ND (0.001)	ND (0.00094)	-	-	ND (0.0012)	ND (0.00094)	ND (0.0013)	ND (0.0018)	ND (0.00097)	ND (0.00076)	ND (0.0011)
Ethylbenzene	390	-	-	ND (0.0011)	ND (0.0016)	ND (0.0011)	ND (0.0011)	ND (0.001)	ND (0.001)	ND (0.00094)	-	-	ND (0.0012)	ND (0.00094)	ND (0.0013)	ND (0.0018)	ND (0.00097)	ND (0.00076)	ND (0.0011)
Isopropylbenzene (Cumene)	NA	-	-	ND (0.0011)	ND (0.0016)	ND (0.0011)	ND (0.0011)	ND (0.001)	ND (0.001)	ND (0.00094)	-	-	ND (0.0012)	ND (0.00094)	ND (0.0013)	ND (0.0018)	ND (0.00097)	ND (0.00076)	ND (0.0011)
m,p-Xylenes	NA	-	-	ND (0.0011)	ND (0.0016)	ND (0.0011)	ND (0.0011)	ND (0.001)	ND (0.001)	ND (0.00094)	-	-	ND (0.0012)	ND (0.00094)	ND (0.0013)	ND (0.0018)	ND (0.00097)	ND (0.00076)	ND (0.0011)
Methyl acetate	NA	-	-	ND (0.0055)	ND (0.0079)	ND (0.0053)	ND (0.0054)	ND (0.005)	ND (0.0051)	ND (0.0047)	-	-	ND (0.0061)	ND (0.0047)	ND (0.0063)	ND (0.0088)	ND (0.0048)	ND (0.0038)	ND (0.0054)
Methyl Tert Butyl Ether (MTBE)	500	-	-	ND (0.0011)	ND (0.0016)	ND (0.0011)	ND (0.0011)	ND (0.001)	ND (0.001)	ND (0.00094)	-	-	ND (0.0012)	ND (0.00094)	ND (0.0013)	ND (0.0018)	ND (0.00097)	ND (0.00076)	ND (0.0011)
Methylcyclohexane	NA	-	-	ND (0.0011)	ND (0.0016)	ND (0.0011)	ND (0.0011)	ND (0.001)	ND (0.001)	ND (0.00094)	-	-	ND (0.0012)	ND (0.00094)	ND (0.0013)	ND (0.0018)	ND (0.00097)	ND (0.00076)	ND (0.0011)
Methylene chloride (Dichloromethane)	500	-	-	0.0028	0.0038	0.0026	0.0067	0.0037	0.0022	0.0021	-	-	0.0032	0.003	0.0029	0.0062	0.0024	0.0023	0.0019 J
n-Butylbenzene	500	-	-	ND (0.0011)	ND (0.0016)	ND (0.0011)	ND (0.0011)	ND (0.001)	ND (0.001)	ND (0.00094)	-	-	ND (0.0012)	ND (0.00094)	ND (0.0013)	ND (0.0018)	ND (0.00097)	ND (0.00076)	ND (0.0011)
n-Propylbenzene	500	-	-	ND (0.0011)	ND (0.0016)	ND (0.0011)	ND (0.0011)	ND (0.001)	ND (0.001)	ND (0.00094)	-	-	ND (0.0012)	ND (0.00094)	ND (0.0013)	ND (0.0018)	ND (0.00097)	ND (0.00076)	ND (0.0011)
o-Xylene	NA	-	-	ND (0.0011)	ND (0.0016)	ND (0.0011)	ND (0.0011)	ND (0.001)	ND (0.001)	ND (0.00094)	-	-	ND (0.0012)	ND (0.00094)	ND (0.0013)	ND (0.0018)	ND (0.00097)	ND (0.00076)	ND (0.0011)
Styrene	NA	-	-	ND (0.0011)	ND (0.0016)	ND (0.0011)	ND (0.0011)	ND (0.001)	ND (0.001)	ND (0.00094)	-	-	ND (0.0012)	ND (0.00094)	ND (0.0013)	ND (0.0018)	ND (0.00097)	ND (0.00076)	ND (0.0011)
tert-Butylbenzene	500	-	-	ND (0.0011)	ND (0.0016)	ND (0.0011)	ND (0.0011)	ND (0.001)	ND (0.001)	ND (0.00094)	-	-	ND (0.0012)	ND (0.00094)	ND (0.0013)	ND (0.0018)	ND (0.00097)	ND (0.00076)	ND (0.0011)
Tetrachloroethene	150	-	-	ND (0.0011)	ND (0.0016)	ND (0.0011)	ND (0.0011)	ND (0.001)	ND (0.001)	ND (0.00094)	-	-	ND (0.0012)	ND (0.00094)	ND (0.0013)	ND (0.0018)	ND (0.00097)	ND (0.00076)	ND (0.0011)
Toluene	500	-	-	ND (0.0011)	ND (0.0016)	ND (0.0011)	ND (0.0011)	ND (0.001)	ND (0.001)	ND (0.00094)	-	-	ND (0.0012)	ND (0.00094)	ND (0.0013)	ND (0.0018)	ND (0.00097)	ND (0.00076)	ND (0.0011)
trans-1,2-Dichloroethene	500	-	-	ND (0.0011)	ND (0.0016)	ND (0.0011)	ND (0.0011)	ND (0.001)	ND (0.001)	ND (0.00094)	-	-	ND (0.0012)	ND (0.00094)	ND (0.0013)	ND (0.0018)	ND (0.00097)	ND (0.00076)	ND (0.0011)
trans-1,3-Dichloropropene	NA	-	-	ND (0.0011)	ND (0.0016)	ND (0.0011)	ND (0.0011)	ND (0.001)	ND (0.001)	ND (0.00094)	-	-	ND (0.0012)	ND (0.00094)	ND (0.0013)	ND (0.0018)	ND (0.00097)	ND (0.00076)	ND (0.0011)
Trichloroethene	200	-	-	ND (0.0011)	ND (0.0016)	ND (0.0011)	ND (0.0011)	ND (0.001)	ND (0.001)	ND (0.00094)	-	-	ND (0.0012)	ND (0.00094)	ND (0.0013)	ND (0.0018)	ND (0.00097)	ND (0.00076)	ND (0.0011)
Trichlorofluoromethane (CFC-11)	NA	-	-	ND (0.0011)	ND (0.0016)	ND (0.0011)	ND (0.0011)	ND (0.001)	ND (0.001)	ND (0.00094)	-	-	ND (0.0012)	ND (0.00094)	ND (0.0013)	ND (0.0018)	ND (0.00097)	ND (0.00076)	ND (0.0011)
Trifluorotrichloroethane (Freon 113)	NA	-	-	ND (0.0011)	ND (0.0016)	ND (0.0011)	ND (0.0011)	ND (0.001)	ND (0.001)	ND (0.00094)	-	-	ND (0.0012)	ND (0.00094)	ND (0.0013)	ND (0.0018)	ND (0.00097)	ND (0.00076)	ND (0.0011)
Vinyl chloride	13	-	-	ND (0.0011)	ND (0.0016)	ND (0.0011)	ND (0.0011)	ND (0.001)	ND (0.001)	ND (0.00094)	-	-	ND (0.0012)	ND (0.00094)	ND (0.0013)	ND (0.0018)	ND (0.00097)	ND (0.00076)	ND (0.0011)
Xylene (Total)	500	-	-	ND (0.0022)	ND (0.0032)	ND (0.0021)	ND (0.0021)	ND (0.002)	ND (0.002)	ND (0.0019)	-	-	ND (0.0024)	ND (0.0019)	ND (0.0025)	ND (0.0035)	ND (0.0019)	ND (0.0015)	ND (0.0022)

TABLE 24
SUMMARY OF SOIL QUALITY DATA - BERM 59
FORMER PORT MOBIL TERMINAL
STATEN ISLAND, NEW YORK
FILE NO. 0208998

	Criteria																		
Location Name	NY Part 375	59A	59A	59A1	59A1	59A2	59A2	59A3	59A3	59A3	59B	59B	59B1	59B1	59B2	59B2	59B2	59B3	59B3
Sample Name	Commercial	59A_0-6	59A_6-12	59A1_0-1	59A1_4-5	59A2_2-3	59A2_6-7	59A3_3-4	59A3_8-9	59A3_11-12	59B_0-6	59B_6-12	59B1_1-2	59B1_5-6	59B2_2-3	59B2_7-8	59B2_9-10	59B3_4-5	59B3_8-9
Sample Date	Use	09/29/2025	09/29/2025	09/29/2025	09/29/2025	09/29/2025	09/29/2025	09/29/2025	09/29/2025	09/29/2025	09/29/2025	09/29/2025	09/29/2025	09/29/2025	09/29/2025	09/29/2025	09/29/2025	09/29/2025	09/29/2025
Lab Sample ID	Soil Cleanup	460-335975-1	460-335975-2	460-335975-17	460-335975-20	460-335975-18	460-335975-21	460-335975-19	460-335975-22	460-335975-23	460-335975-3	460-335975-4	460-335975-24	460-335975-27	460-335975-25	460-335975-28	460-335975-30	460-335975-26	460-335975-29
Sample Depth (bgs)	Objectives	0 - 6 (ft)	6 - 12 (ft)	0 - 1 (ft)	4 - 5 (ft)	2 - 3 (ft)	6 - 7 (ft)	3 - 4 (ft)	8 - 9 (ft)	11 - 12 (ft)	0 - 6 (ft)	6 - 12 (ft)	1 - 2 (ft)	5 - 6 (ft)	2 - 3 (ft)	7 - 8 (ft)	9 - 10 (ft)	4 - 5 (ft)	8 - 9 (ft)
Semi-Volatile Organic Compounds (mg/kg)																			
1,2,4,5-Tetrachlorobenzene	NA	ND (0.35)	ND (0.37)	-	-	-	-	-	-	-	ND (0.36)	ND (0.36)	-	-	-	-	-	-	-
1,4-Dioxane	130	ND (0.035)	ND (0.037)	-	-	-	-	-	-	-	ND (0.036)	ND (0.036)	-	-	-	-	-	-	-
2,2'-oxybis(1-Chloropropane)	NA	ND (0.35)	ND (0.37)	-	-	-	-	-	-	-	ND (0.36)	ND (0.36)	-	-	-	-	-	-	-
2,3,4,6-Tetrachlorophenol	NA	ND (0.35)	ND (0.37)	-	-	-	-	-	-	-	ND (0.36)	ND (0.36)	-	-	-	-	-	-	-
2,4,5-Trichlorophenol	NA	ND (0.35)	ND (0.37)	-	-	-	-	-	-	-	ND (0.36)	ND (0.36)	-	-	-	-	-	-	-
2,4,6-Trichlorophenol	NA	ND (0.14)	ND (0.15)	-	-	-	-	-	-	-	ND (0.15)	ND (0.14)	-	-	-	-	-	-	-
2,4-Dichlorophenol	NA	ND (0.14)	ND (0.15)	-	-	-	-	-	-	-	ND (0.15)	ND (0.14)	-	-	-	-	-	-	-
2,4-Dimethylphenol	NA	ND (0.35)	ND (0.37)	-	-	-	-	-	-	-	ND (0.36)	ND (0.36)	-	-	-	-	-	-	-
2,4-Dinitrophenol	NA	ND (0.28)	ND (0.29)	-	-	-	-	-	-	-	ND (0.29)	ND (0.29)	-	-	-	-	-	-	-
2,4-Dinitrotoluene	NA	ND (0.071)	ND (0.074)	-	-	-	-	-	-	-	ND (0.074)	ND (0.072)	-	-	-	-	-	-	-
2,6-Dinitrotoluene	NA	ND (0.071)	ND (0.074)	-	-	-	-	-	-	-	ND (0.074)	ND (0.072)	-	-	-	-	-	-	-
2-Chloronaphthalene	NA	ND (0.35)	ND (0.37)	-	-	-	-	-	-	-	ND (0.36)	ND (0.36)	-	-	-	-	-	-	-
2-Chlorophenol	NA	ND (0.35)	ND (0.37)	-	-	-	-	-	-	-	ND (0.36)	ND (0.36)	-	-	-	-	-	-	-
2-Methylnaphthalene	NA	ND (0.35)	ND (0.37)	-	-	-	-	-	-	-	ND (0.36)	ND (0.36)	-	-	-	-	-	-	-
2-Methylphenol (o-Cresol)	500	ND (0.35)	ND (0.37)	-	-	-	-	-	-	-	ND (0.36)	ND (0.36)	-	-	-	-	-	-	-
2-Nitroaniline	NA	ND (0.35)	ND (0.37)	-	-	-	-	-	-	-	ND (0.36)	ND (0.36)	-	-	-	-	-	-	-
2-Nitrophenol	NA	ND (0.35)	ND (0.37)	-	-	-	-	-	-	-	ND (0.36)	ND (0.36)	-	-	-	-	-	-	-
3&4-Methylphenol	NA	ND (0.35)	ND (0.37)	-	-	-	-	-	-	-	ND (0.36)	ND (0.36)	-	-	-	-	-	-	-
3,3'-Dichlorobenzidine	NA	ND (0.14)	ND (0.15)	-	-	-	-	-	-	-	ND (0.15)	ND (0.14)	-	-	-	-	-	-	-
3-Nitroaniline	NA	ND (0.35)	ND (0.37)	-	-	-	-	-	-	-	ND (0.36)	ND (0.36)	-	-	-	-	-	-	-
4,6-Dinitro-2-methylphenol	NA	ND (0.28)	ND (0.29)	-	-	-	-	-	-	-	ND (0.29)	ND (0.29)	-	-	-	-	-	-	-
4-Bromophenyl phenyl ether (BDE-3)	NA	ND (0.35)	ND (0.37)	-	-	-	-	-	-	-	ND (0.36)	ND (0.36)	-	-	-	-	-	-	-
4-Chloro-3-methylphenol	NA	ND (0.35)	ND (0.37)	-	-	-	-	-	-	-	ND (0.36)	ND (0.36)	-	-	-	-	-	-	-
4-Chloroaniline	NA	ND (0.35)	ND (0.37)	-	-	-	-	-	-	-	ND (0.36)	ND (0.36)	-	-	-	-	-	-	-
4-Chlorophenyl phenyl ether	NA	ND (0.35)	ND (0.37)	-	-	-	-	-	-	-	ND (0.36)	ND (0.36)	-	-	-	-	-	-	-
4-Methylphenol	500	ND (0.35)	ND (0.37)	-	-	-	-	-	-	-	ND (0.36)	ND (0.36)	-	-	-	-	-	-	-
4-Nitroaniline	NA	ND (0.35)	ND (0.37)	-	-	-	-	-	-	-	ND (0.36)	ND (0.36)	-	-	-	-	-	-	-
4-Nitrophenol	NA	ND (0.71)	ND (0.74)	-	-	-	-	-	-	-	ND (0.74)	ND (0.72)	-	-	-	-	-	-	-
Acenaphthene	500	ND (0.35)	ND (0.37)	-	-	-	-	-	-	-	ND (0.36)	ND (0.36)	-	-	-	-	-	-	-
Acenaphthylene	500	ND (0.35)	ND (0.37)	-	-	-	-	-	-	-	ND (0.36)	ND (0.36)	-	-	-	-	-	-	-
Acetophenone	NA	ND (0.35)	ND (0.37)	-	-	-	-	-	-	-	ND (0.36)	ND (0.36)	-	-	-	-	-	-	-
Anthracene	500	ND (0.35)	ND (0.37)	-	-	-	-	-	-	-	ND (0.36)	ND (0.36)	-	-	-	-	-	-	-
Atrazine	NA	ND (0.14)	ND (0.15)	-	-	-	-	-	-	-	ND (0.15)	ND (0.14)	-	-	-	-	-	-	-
Benzaldehyde	NA	ND (0.35)	ND (0.37)	-	-	-	-	-	-	-	ND (0.36)	ND (0.36)	-	-	-	-	-	-	-
Benzo(a)anthracene	5.6	ND (0.035)	ND (0.037)	-	-	-	-	-	-	-	ND (0.036)	ND (0.036)	-	-	-	-	-	-	-
Benzo(a)pyrene	1	ND (0.035)	ND (0.037)	-	-	-	-	-	-	-	ND (0.036)	ND (0.036)	-	-	-	-	-	-	-
Benzo(b)fluoranthene	5.6	ND (0.035)	ND (0.037)	-	-	-	-	-	-	-	ND (0.036)	ND (0.036)	-	-	-	-	-	-	-
Benzo(g,h,i)perylene	500	ND (0.35)	ND (0.37)	-	-	-	-	-	-	-	ND (0.36)	ND (0.36)	-	-	-	-	-	-	-
Benzo(k)fluoranthene	56	ND (0.035)	ND (0.037)	-	-	-	-	-	-	-	ND (0.036)	ND (0.036)	-	-	-	-	-	-	-
Biphenyl	NA	ND (0.35)	ND (0.37)	-	-	-	-	-	-	-	ND (0.36)	ND (0.36)	-	-	-	-	-	-	-
bis(2-Chloroethoxy)methane	NA	ND (0.35)	ND (0.37)	-	-	-	-	-	-	-	ND (0.36)	ND (0.36)	-	-	-	-	-	-	-
bis(2-Chloroethyl)ether	NA	ND (0.035)	ND (0.037)	-	-	-	-	-	-	-	ND (0.036)	ND (0.036)	-	-	-	-	-	-	-
bis(2-Ethylhexyl)phthalate	NA	ND (0.35)	ND (0.37)	-	-	-	-	-	-	-	ND (0.36)	ND (0.36)	-	-	-	-	-	-	-
Butyl benzylphthalate (BBP)	NA	ND (0.35)	ND (0.37)	-	-	-	-	-	-	-	ND (0.36)	ND (0.36)	-	-	-	-	-	-	-
Caprolactam	NA	ND (0.35)	ND (0.37)	-	-	-	-	-	-	-	ND (0.36)	ND (0.36)	-	-	-	-	-	-	-
Carbazole	NA	ND (0.35)	ND (0.37)	-	-	-	-	-	-	-	ND (0.36)	ND (0.36)	-	-	-	-	-	-	-
Chrysene	56	ND (0.35)	ND (0.37)	-	-	-	-	-	-	-	ND (0.36)	ND (0.36)	-	-	-	-	-	-	-
Dibenz(a,h)anthracene	0.56	ND (0.035)	ND (0.037)	-	-	-	-	-	-	-	ND (0.036)	ND (0.036)	-	-	-	-	-	-	-
Dibenzofuran	350	ND (0.35)	ND (0.37)	-	-	-	-	-	-	-	ND (0.36)	ND (0.36)	-	-	-	-	-	-	-
Diethyl phthalate	NA	ND (0.35)	ND (0.37)	-	-	-	-	-	-	-	ND (0.36)	ND (0.36)	-	-	-	-	-	-	-
Dimethyl phthalate	NA	ND (0.35)	ND (0.37)	-	-	-	-	-	-	-	ND (0.36)	ND (0.36)	-	-	-	-	-	-	-
Di-n-butylphthalate (DBP)	NA	ND (0.35)	ND (0.37)	-	-	-	-	-	-	-	ND (0.36)	ND (0.36)	-	-	-	-	-	-	-
Di-n-octyl phthalate (DnOP)	NA	ND (0.35)	ND (0.37)	-	-	-	-	-	-	-	ND (0.36)	ND (0.36)	-	-	-	-	-	-	-
Fluoranthene	500	ND (0.35)	ND (0.37)	-	-	-	-	-	-	-	ND (0.36)	ND (0.36)	-	-	-	-	-	-	-
Fluorene	500	ND (0.35)	ND (0.37)	-	-	-	-	-	-	-	ND (0.36)	ND (0.36)	-	-	-	-	-	-	-
Hexachlorobenzene	6	ND (0.035)	ND (0.037)	-	-	-	-	-	-	-	ND (0.036)	ND (0.036)	-	-	-	-	-	-	-
Hexachlorobutadiene	NA	ND (0.071)	ND (0.074)	-	-	-	-	-	-	-	ND (0.074)	ND (0.072)	-	-	-	-	-	-	-
Hexachlorocyclopentadiene	NA	ND (0.35)	ND (0.37)	-	-	-	-	-	-	-	ND (0.36)	ND (0.36)	-	-	-	-	-	-	-
Hexachloroethane	NA	ND (0.035)	ND (0.037)	-	-	-	-	-	-	-	ND (0.036)	ND (0.036)	-	-	-	-	-	-	-
Indeno(1,2,3-cd)pyrene	5.6	ND (0.035)	ND (0.037)	-	-	-	-	-	-	-	ND (0.036)	ND (0.036)	-	-	-	-	-	-	-
Isophorone	NA	ND (0.14)	ND (0.15)	-	-	-	-	-	-	-	ND (0.15)	ND (0.14)	-	-	-	-	-	-	-
Naphthalene	500	ND (0.35)	ND (0.37)	-	-	-	-	-	-	-	ND (0.36)	ND (0.36)	-	-	-	-	-	-	-
Nitrobenzene	NA	ND (0.035)	ND (0.037)	-	-	-	-	-	-	-	ND (0.036)	ND (0.036)	-	-	-	-	-	-	-
N-Nitrosodi-n-propylamine	NA	ND (0.035)	ND (0.037)	-	-	-	-	-	-	-	ND (0.036)	ND (0.036)	-	-	-	-	-	-	-
N-Nitrosodiphenylamine	NA	ND (0.35)	ND (0.37)	-	-	-	-	-	-	-	ND (0.36)	ND (0.36)	-	-	-	-	-	-	-
Pentachlorophenol	6.7	ND (0.28)	ND (0.29)	-	-	-	-	-	-	-	ND (0.29)	ND (0.29)	-	-	-	-	-	-	-
Phenanthrene	500	ND (0.35)	ND (0.37)	-	-	-	-	-	-	-	ND (0.36)	ND (0.36)	-	-	-	-	-	-	-
Phenol	500	ND (0.35)	ND (0.37)	-	-	-	-	-	-	-	ND (0.36)	ND (0.36)	-	-	-	-	-	-	-
Pyrene	500	ND (0.35)	ND (0.37)	-	-	-	-	-	-	-	ND (0.36)	ND (0.36)	-	-	-	-	-	-	-

TABLE 24
SUMMARY OF SOIL QUALITY DATA - BERM 59
FORMER PORT MOBIL TERMINAL
STATEN ISLAND, NEW YORK
FILE NO. 0208998

	Criteria																		
Location Name	NY Part 375	59A	59A	59A1	59A1	59A2	59A2	59A3	59A3	59A3	59B	59B	59B1	59B1	59B2	59B2	59B2	59B3	59B3
Sample Name	Commercial	59A_0-6	59A_6-12	59A1_0-1	59A1_4-5	59A2_2-3	59A2_6-7	59A3_3-4	59A3_8-9	59A3_11-12	59B_0-6	59B_6-12	59B1_1-2	59B1_5-6	59B2_2-3	59B2_7-8	59B2_9-10	59B3_4-5	59B3_8-9
Sample Date	Use	09/29/2025	09/29/2025	09/29/2025	09/29/2025	09/29/2025	09/29/2025	09/29/2025	09/29/2025	09/29/2025	09/29/2025	09/29/2025	09/29/2025	09/29/2025	09/29/2025	09/29/2025	09/29/2025	09/29/2025	09/29/2025
Lab Sample ID	Soil Cleanup	460-335975-1	460-335975-2	460-335975-17	460-335975-20	460-335975-18	460-335975-21	460-335975-19	460-335975-22	460-335975-23	460-335975-3	460-335975-4	460-335975-24	460-335975-27	460-335975-25	460-335975-28	460-335975-30	460-335975-26	460-335975-29
Sample Depth (bgs)	Objectives	0 - 6 (ft)	6 - 12 (ft)	0 - 1 (ft)	4 - 5 (ft)	2 - 3 (ft)	6 - 7 (ft)	3 - 4 (ft)	8 - 9 (ft)	11 - 12 (ft)	0 - 6 (ft)	6 - 12 (ft)	1 - 2 (ft)	5 - 6 (ft)	2 - 3 (ft)	7 - 8 (ft)	9 - 10 (ft)	4 - 5 (ft)	8 - 9 (ft)
PFAS (mg/kg)																			
11-Chloroeicosafluoro-3-Oxaundecane-1-Sulfonic Acid (11Cl-PF3OUdS)	NA	ND (0.0002)	ND (0.00019)	-	-	-	-	-	-	-	ND (0.0002)	ND (0.0002)	-	-	-	-	-	-	-
2H,2H,3H,3H-Perfluorooctanoic acid (5:3 FTCA)	NA	ND (0.00098)	ND (0.00097)	-	-	-	-	-	-	-	ND (0.00098)	ND (0.00098)	-	-	-	-	-	-	-
3-(Perfluoroheptyl)propanoic acid (7:3 FTCA)	NA	ND (0.00098)	ND (0.00097)	-	-	-	-	-	-	-	ND (0.00098)	ND (0.00098)	-	-	-	-	-	-	-
3:3 Fluorotelomer carboxylic acid (3:3 FTCA)	NA	ND (0.00039)	ND (0.00039)	-	-	-	-	-	-	-	ND (0.00039)	ND (0.00039)	-	-	-	-	-	-	-
4,8-Dioxa-3H-Perfluorononanoic Acid (ADONA)	NA	ND (0.0002)	ND (0.00019)	-	-	-	-	-	-	-	ND (0.0002)	ND (0.0002)	-	-	-	-	-	-	-
4:2 Fluorotelomer sulfonic acid (4:2 FTS)	NA	ND (0.00039)	ND (0.00039)	-	-	-	-	-	-	-	ND (0.00039)	ND (0.00039)	-	-	-	-	-	-	-
6:2 Fluorotelomer sulfonic acid (6:2 FTS)	NA	ND (0.00039)	ND (0.00039)	-	-	-	-	-	-	-	ND (0.00039)	ND (0.00039)	-	-	-	-	-	-	-
8:2 Fluorotelomer sulfonic acid (8:2 FTS)	NA	ND (0.00039)	ND (0.00039)	-	-	-	-	-	-	-	ND (0.00039)	ND (0.00039)	-	-	-	-	-	-	-
9-Chlorohexadecafluoro-3-Oxanone-1-Sulfonic Acid (9Cl-PF3ONS)	NA	ND (0.0002)	ND (0.00019)	-	-	-	-	-	-	-	ND (0.0002)	ND (0.0002)	-	-	-	-	-	-	-
N-Ethyl Perfluorooctanesulfonamidoacetic Acid (NEtFOSAA)	NA	ND (0.0002)	ND (0.00019)	-	-	-	-	-	-	-	ND (0.0002)	ND (0.0002)	-	-	-	-	-	-	-
N-Ethylperfluorooctane sulfonamide (N-EtFOSA)	NA	ND (0.0002)	ND (0.00019)	-	-	-	-	-	-	-	ND (0.0002)	ND (0.0002)	-	-	-	-	-	-	-
N-Ethylperfluorooctane sulfonamidoethanol (N-EtFOSE)	NA	ND (0.00098)	ND (0.00097)	-	-	-	-	-	-	-	ND (0.00098)	ND (0.00098)	-	-	-	-	-	-	-
N-Methyl Perfluorooctanesulfonamidoacetic Acid (NMeFOSAA)	NA	ND (0.0002)	ND (0.00019)	-	-	-	-	-	-	-	ND (0.0002)	ND (0.0002)	-	-	-	-	-	-	-
N-Methylperfluorooctane sulfonamide (N-MeFOSA)	NA	ND (0.0002)	ND (0.00019)	-	-	-	-	-	-	-	ND (0.0002)	ND (0.0002)	-	-	-	-	-	-	-
N-Methylperfluorooctane sulfonamidoethanol (N-MeFOSE)	NA	ND (0.00098)	ND (0.00097)	-	-	-	-	-	-	-	ND (0.00098)	ND (0.00098)	-	-	-	-	-	-	-
Nonafluoro-3,6-dioxaheptanoic acid (NFDHA)	NA	ND (0.0002)	ND (0.00019)	-	-	-	-	-	-	-	ND (0.0002)	ND (0.0002)	-	-	-	-	-	-	-
Perfluoro(2-ethoxyethane) sulphonic acid (PFEESA)	NA	ND (0.0002)	ND (0.00019)	-	-	-	-	-	-	-	ND (0.0002)	ND (0.0002)	-	-	-	-	-	-	-
Perfluoro(4-methoxybutanoic) acid (PFMBA)	NA	ND (0.0002)	ND (0.00019)	-	-	-	-	-	-	-	ND (0.0002)	ND (0.0002)	-	-	-	-	-	-	-
Perfluoro-2-propoxypropanoic acid (PFPrOPrA)(GenX) (HFPO-DA)	NA	ND (0.0002)	ND (0.00019)	-	-	-	-	-	-	-	ND (0.0002)	ND (0.0002)	-	-	-	-	-	-	-
Perfluoro-3-methoxypropanoic acid (PFMPA)	NA	ND (0.0002)	ND (0.00019)	-	-	-	-	-	-	-	ND (0.0002)	ND (0.0002)	-	-	-	-	-	-	-
Perfluorobutanesulfonic acid (PFBS)	NA	ND (0.0002)	ND (0.00019)	-	-	-	-	-	-	-	ND (0.0002)	ND (0.0002)	-	-	-	-	-	-	-
Perfluorobutanoic acid (PFBA)	NA	ND (0.00039)	ND (0.00039)	-	-	-	-	-	-	-	ND (0.00039)	ND (0.00039)	-	-	-	-	-	-	-
Perfluorodecanesulfonic acid (PFDS)	NA	ND (0.0002)	ND (0.00019)	-	-	-	-	-	-	-	ND (0.0002)	ND (0.0002)	-	-	-	-	-	-	-
Perfluorodecanoic acid (PFDA)	NA	ND (0.0002)	0.000086 J	-	-	-	-	-	-	-	0.00024	0.00019 J	-	-	-	-	-	-	-
Perfluorododecane sulfonic acid (PFDoDS)	NA	ND (0.0002)	ND (0.00019)	-	-	-	-	-	-	-	ND (0.0002)	ND (0.0002)	-	-	-	-	-	-	-
Perfluorododecanoic acid (PFDoDA)	NA	ND (0.0002)	ND (0.00019)	-	-	-	-	-	-	-	0.00011 J	0.00011 J	-	-	-	-	-	-	-
Perfluoroheptanesulfonic acid (PFHpS)	NA	ND (0.0002)	ND (0.00019)	-	-	-	-	-	-	-	ND (0.0002)	ND (0.0002)	-	-	-	-	-	-	-
Perfluoroheptanoic acid (PFHpA)	NA	ND (0.0002)	ND (0.00019)	-	-	-	-	-	-	-	ND (0.0002)	ND (0.0002)	-	-	-	-	-	-	-
Perfluorohexanesulfonic acid (PFHxS)	NA	ND (0.0002)	ND (0.00019)	-	-	-	-	-	-	-	ND (0.0002)	ND (0.0002)	-	-	-	-	-	-	-
Perfluorohexanoic acid (PFHxA)	NA	ND (0.0002)	ND (0.00019)	-	-	-	-	-	-	-	ND (0.0002)	ND (0.0002)	-	-	-	-	-	-	-
Perfluorononane sulfonic acid (PFNS)	NA	ND (0.0002)	ND (0.00019)	-	-	-	-	-	-	-	ND (0.0002)	ND (0.0002)	-	-	-	-	-	-	-
Perfluorononanoic acid (PFNA)	NA	0.00012 J	0.00044	-	-	-	-	-	-	-	0.00012 J	0.000098 J	-	-	-	-	-	-	-
Perfluorooctane sulfonamide (PFOSA)	NA	ND (0.0002)	ND (0.00019)	-	-	-	-	-	-	-	ND (0.0002)	ND (0.0002)	-	-	-	-	-	-	-
Perfluorooctanesulfonic acid (PFOS)	0.44	ND (0.0002)	ND (0.00019)	-	-	-	-	-	-	-	ND (0.0002)	ND (0.0002)	-	-	-	-	-	-	-
Perfluorooctanoic acid (PFOA)	0.5	0.00012 J	0.000085 J	-	-	-	-	-	-	-	ND (0.0002)	ND (0.0002)	-	-	-	-	-	-	-
Perfluoropentanesulfonic acid (PFPeS)	NA	ND (0.0002)	ND (0.00019)	-	-	-	-	-	-	-	ND (0.0002)	ND (0.0002)	-	-	-	-	-	-	-
Perfluoropentanoic acid (PFPeA)	NA	ND (0.0002)	ND (0.00019)	-	-	-	-	-	-	-	ND (0.0002)	ND (0.0002)	-	-	-	-	-	-	-
Perfluorotetradecanoic acid (PFTeDA)	NA	ND (0.0002)	ND (0.00019)	-	-	-	-	-	-	-	ND (0.0002)	ND (0.0002)	-	-	-	-	-	-	-
Perfluorotridecanoic acid (PFTrDA)	NA	ND (0.0002)	0.00013 J	-	-	-	-	-	-	-	0.00111	0.00136	-	-	-	-	-	-	-
Perfluoroundecanoic acid (PFUnDA)	NA	0.0001 J	0.00035	-	-	-	-	-	-	-	0.00239	0.00309	-	-	-	-	-	-	-
Pesticides (mg/kg)																			
4,4'-DDD	92	ND (0.0071)	ND (0.0074)	-	-	-	-	-	-	-	ND (0.0074)	ND (0.0072)	-	-	-	-	-	-	-
4,4'-DDE	62	ND (0.0071)	ND (0.0074)	-	-	-	-	-	-	-	ND (0.0074)	ND (0.0072)	-	-	-	-	-	-	-
4,4'-DDT	47	ND (0.0071)	ND (0.0074)	-	-	-	-	-	-	-	ND (0.0074)	ND (0.0072)	-	-	-	-	-	-	-
Aldrin	0.68	ND (0.0071)	ND (0.0074)	-	-	-	-	-	-	-	ND (0.0074)	ND (0.0072)	-	-	-	-	-	-	-
alpha-BHC	3.4	ND (0.0021)	ND (0.0022)	-	-	-	-	-	-	-	ND (0.0022)	ND (0.0022)	-	-	-	-	-	-	-
alpha-Chlordane (cis)	24	ND (0.0071)	ND (0.0074)	-	-	-	-	-	-	-	ND (0.0074)	ND (0.0072)	-	-	-	-	-	-	-
beta-BHC	3	ND (0.0021)	ND (0.0022)	-	-	-	-	-	-	-	ND (0.0022)	ND (0.0022)	-	-	-	-	-	-	-
Chlordane	NA	ND (0.071)	ND (0.074)	-	-	-	-	-	-	-	ND (0.074)	ND (0.072)	-	-	-	-	-	-	-
delta-BHC	500	ND (0.0021)	ND (0.0022)	-	-	-	-	-	-	-	ND (0.0022)	ND (0.0022)	-	-	-	-	-	-	-
Dieldrin	1.4	ND (0.0021)	ND (0.0022)	-	-	-	-	-	-	-	ND (0.0022)	ND (0.0022)	-	-	-	-	-	-	-
Endosulfan I	200	ND (0.0071)	ND (0.0074)	-	-	-	-	-	-	-	ND (0.0074)	ND (0.0072)	-	-	-	-	-	-	-
Endosulfan II	200	ND (0.0071)	ND (0.0074)	-	-	-	-	-	-	-	ND (0.0074)	ND (0.0072)	-	-	-	-	-	-	-
Endosulfan sulfate	200	ND (0.0071)	ND (0.0074)	-	-	-	-	-	-	-	ND (0.0074)	ND (0.0072)	-	-	-	-	-	-	-
Endrin	89	ND (0.0071)	ND (0.0074)	-	-	-	-	-	-	-	ND (0.0074)	ND (0.0072)	-	-	-	-	-	-	-
Endrin aldehyde	NA	ND (0.0071)	ND (0.0074)	-	-	-	-	-	-	-	ND (0.0074)	ND (0.0072)	-	-	-	-	-	-	-
Endrin ketone	NA	ND (0.0071)	ND (0.0074)	-	-	-	-	-	-	-	ND (0.0074)	ND (0.0072)	-	-	-	-	-	-	-
gamma-BHC (Lindane)	9.2	ND (0.0021)	ND (0.0022)	-	-	-	-	-	-	-	ND (0.0022)	ND (0.0022)	-	-	-	-	-	-	-
Heptachlor	15	ND (0.0071)	ND (0.0074)	-	-	-	-	-	-	-	ND (0.0074)	ND (0.0072)	-	-	-	-	-	-	-
Heptachlor epoxide	NA	ND (0.0071)	ND (0.0074)	-	-	-	-	-	-	-	ND (0.0074)	ND (0.0072)	-	-	-	-	-	-	-
Methoxychlor	NA	ND (0.0071)	ND (0.0074)	-	-	-	-	-	-	-	ND (0.0074)	ND (0.0072)	-	-	-	-	-	-	-
Toxaphene	NA	ND (0.071)	ND (0.074)	-	-	-	-	-	-	-	ND (0.074)	ND (0.072)	-	-	-	-	-	-	-

TABLE 24
SUMMARY OF SOIL QUALITY DATA - BERM 59
FORMER PORT MOBIL TERMINAL
STATEN ISLAND, NEW YORK
FILE NO. 0208998

Location Name	Criteria	59A	59A	59A1	59A1	59A2	59A2	59A3	59A3	59A3	59B	59B	59B1	59B1	59B2	59B2	59B2	59B3	59B3
Sample Name	NY Part 375	59A_0-6	59A_6-12	59A1_0-1	59A1_4-5	59A2_2-3	59A2_6-7	59A3_3-4	59A3_8-9	59A3_11-12	59B_0-6	59B_6-12	59B1_1-2	59B1_5-6	59B2_2-3	59B2_7-8	59B2_9-10	59B3_4-5	59B3_8-9
Sample Date	Commercial Use	09/29/2025	09/29/2025	09/29/2025	09/29/2025	09/29/2025	09/29/2025	09/29/2025	09/29/2025	09/29/2025	09/29/2025	09/29/2025	09/29/2025	09/29/2025	09/29/2025	09/29/2025	09/29/2025	09/29/2025	09/29/2025
Lab Sample ID	Soil Cleanup	460-335975-1	460-335975-2	460-335975-17	460-335975-20	460-335975-18	460-335975-21	460-335975-19	460-335975-22	460-335975-23	460-335975-3	460-335975-4	460-335975-24	460-335975-27	460-335975-25	460-335975-28	460-335975-30	460-335975-26	460-335975-29
Sample Depth (bgs)	Objectives	0 - 6 (ft)	6 - 12 (ft)	0 - 1 (ft)	4 - 5 (ft)	2 - 3 (ft)	6 - 7 (ft)	3 - 4 (ft)	8 - 9 (ft)	11 - 12 (ft)	0 - 6 (ft)	6 - 12 (ft)	1 - 2 (ft)	5 - 6 (ft)	2 - 3 (ft)	7 - 8 (ft)	9 - 10 (ft)	4 - 5 (ft)	8 - 9 (ft)
Polychlorinated Biphenyls (mg/kg)																			
Aroclor-1016 (PCB-1016)	NA	ND (0.071)	ND (0.074)	-	-	-	-	-	-	-	ND (0.074)	ND (0.072)	-	-	-	-	-	-	-
Aroclor-1221 (PCB-1221)	NA	ND (0.071)	ND (0.074)	-	-	-	-	-	-	-	ND (0.074)	ND (0.072)	-	-	-	-	-	-	-
Aroclor-1232 (PCB-1232)	NA	ND (0.071)	ND (0.074)	-	-	-	-	-	-	-	ND (0.074)	ND (0.072)	-	-	-	-	-	-	-
Aroclor-1242 (PCB-1242)	NA	ND (0.071)	ND (0.074)	-	-	-	-	-	-	-	ND (0.074)	ND (0.072)	-	-	-	-	-	-	-
Aroclor-1248 (PCB-1248)	NA	ND (0.071)	ND (0.074)	-	-	-	-	-	-	-	ND (0.074)	ND (0.072)	-	-	-	-	-	-	-
Aroclor-1254 (PCB-1254)	NA	ND (0.071)	ND (0.074)	-	-	-	-	-	-	-	ND (0.074)	ND (0.072)	-	-	-	-	-	-	-
Aroclor-1260 (PCB-1260)	NA	ND (0.071)	ND (0.074)	-	-	-	-	-	-	-	ND (0.074)	ND (0.072)	-	-	-	-	-	-	-
Aroclor-1262 (PCB-1262)	NA	ND (0.071)	ND (0.074)	-	-	-	-	-	-	-	ND (0.074)	ND (0.072)	-	-	-	-	-	-	-
Aroclor-1268 (PCB-1268)	NA	ND (0.071)	ND (0.074)	-	-	-	-	-	-	-	ND (0.074)	ND (0.072)	-	-	-	-	-	-	-
Total PCBs	1	ND (0.071)	ND (0.074)	-	-	-	-	-	-	-	ND (0.074)	ND (0.072)	-	-	-	-	-	-	-
Inorganic Compounds (mg/kg)																			
Aluminum	NA	5930	9480	-	-	-	-	-	-	-	8980	6850	-	-	-	-	-	-	-
Antimony	NA	0.87	0.59 J	-	-	-	-	-	-	-	0.96	1.1	-	-	-	-	-	-	-
Arsenic	16	6.6	4.9	-	-	-	-	-	-	-	5.9	5.5	-	-	-	-	-	-	-
Barium	400	30.5	49.5	-	-	-	-	-	-	-	49.5	38.7	-	-	-	-	-	-	-
Beryllium	590	0.45	0.51	-	-	-	-	-	-	-	0.5	0.45	-	-	-	-	-	-	-
Cadmium	9.3	ND (0.84)	0.11 J	-	-	-	-	-	-	-	0.12 J	0.17 J	-	-	-	-	-	-	-
Calcium	NA	520	743	-	-	-	-	-	-	-	2430	1070	-	-	-	-	-	-	-
Chromium	NA	12.6	15.8	-	-	-	-	-	-	-	15.1	14.2	-	-	-	-	-	-	-
Cobalt	NA	5.2	6.6	-	-	-	-	-	-	-	6	5.4	-	-	-	-	-	-	-
Copper	270	15.4	18.4	-	-	-	-	-	-	-	19.7	26.7	-	-	-	-	-	-	-
Iron	NA	17600	19100	-	-	-	-	-	-	-	18500	16600	-	-	-	-	-	-	-
Lead	1000	12.6	17.3	-	-	-	-	-	-	-	23.1	28.1	-	-	-	-	-	-	-
Magnesium	NA	1490	2530	-	-	-	-	-	-	-	3160	2010	-	-	-	-	-	-	-
Manganese	10000	198	243	-	-	-	-	-	-	-	230	222	-	-	-	-	-	-	-
Mercury	2.8	0.025	0.022	-	-	-	-	-	-	-	0.032	0.027	-	-	-	-	-	-	-
Nickel	310	7.4	12.2	-	-	-	-	-	-	-	12.3	10	-	-	-	-	-	-	-
Potassium	NA	1210	1180	-	-	-	-	-	-	-	1080	1010	-	-	-	-	-	-	-
Selenium	1500	0.18 J	0.22 J	-	-	-	-	-	-	-	0.17 J	0.24 J	-	-	-	-	-	-	-
Silver	1500	0.077 J	ND (0.34)	-	-	-	-	-	-	-	0.096 J	0.16 J	-	-	-	-	-	-	-
Sodium	NA	ND (83.5)	64 J	-	-	-	-	-	-	-	62.4 J	51.8 J	-	-	-	-	-	-	-
Thallium	NA	0.063 J	0.11 J	-	-	-	-	-	-	-	0.11 J	0.087 J	-	-	-	-	-	-	-
Vanadium	NA	20.6	24.5	-	-	-	-	-	-	-	23.4	21.9	-	-	-	-	-	-	-
Zinc	10000	28.6	38	-	-	-	-	-	-	-	43.5	41.3	-	-	-	-	-	-	-

ABBREVIATIONS AND NOTES:

mg/kg: milligram per kilogram

**: LCS or LCSD is outside acceptance limits.*
-: Not Analyzed
B: Compound was found in the blank and the associated sample.
bgs: below ground surface
ft: feet
J: Value is estimated.
NA: Not Applicable
ND (2.5): Not detected, number in parentheses is the laboratory reporting limit

- For test methods used, see the laboratory data sheets.
- Soil analytical results are compared to the New York State Department of Environmental Conservation (NYSDEC) Title 6 of the Official Compilation of New York Codes, Rules, and Regulations (NYCRR) Part 375 Commercial Use Soil Cleanup Objectives (SCO).
- Grey shading indicates an exceedance of the Commercial Use Soil Cleanup Objectives.

TABLE 24
SUMMARY OF SOIL QUALITY DATA - BERM 59
FORMER PORT MOBIL TERMINAL
STATEN ISLAND, NEW YORK
FILE NO. 0208998

	Criteria																		
Location Name	NY Part 375	59C	59C	59C1	59C1	59C1	59C2	59C2	59C3	59C3	59D	59D	59D1	59D1	59D2	59D2	59D2	59D3	59D3
Sample Name	Commercial	59C_0-6	59C_6-12	59C1_1-2	59C1_5-6	59C1_9-10	59C2_3-4	59C2_6-7	59C3_4-5	59C3_8-9	59D_0-6	59D_6-12	59D1_1-2	59D1_6-7	59D2_2-3	59D2_7-8	59D2_11-12	59D3_3-4	59D3_8-9
Sample Date	Use	09/29/2025	09/29/2025	09/29/2025	09/29/2025	09/29/2025	09/29/2025	09/29/2025	09/29/2025	09/29/2025	09/29/2025	09/29/2025	09/29/2025	09/29/2025	09/29/2025	09/29/2025	09/29/2025	09/29/2025	09/29/2025
Lab Sample ID	Soil Cleanup	460-335975-5	460-335975-6	460-335975-31	460-335975-34	460-335975-37	460-335975-32	460-335975-35	460-335975-33	460-335975-36	460-335975-7	460-335975-8	460-335975-38	460-335975-41	460-335975-39	460-335975-42	460-335975-44	460-335975-40	460-335975-43
Sample Depth (bgs)	Objectives	0 - 6 (ft)	6 - 12 (ft)	1 - 2 (ft)	5 - 6 (ft)	9 - 10 (ft)	3 - 4 (ft)	6 - 7 (ft)	4 - 5 (ft)	8 - 9 (ft)	0 - 6 (ft)	6 - 12 (ft)	1 - 2 (ft)	6 - 7 (ft)	2 - 3 (ft)	7 - 8 (ft)	11 - 12 (ft)	3 - 4 (ft)	8 - 9 (ft)
Volatile Organic Compounds (mg/kg)																			
1,1,1-Trichloroethane	500	-	-	ND (0.0011)	ND (0.0012)	ND (0.00093)	ND (0.0013)	ND (0.00095)	ND (0.0011)	ND (0.0011)	-	-	ND (0.00083)	ND (0.0011)	ND (0.00087)	ND (0.0007)	ND (0.0011)	ND (0.0016)	ND (0.0011)
1,1,2,2-Tetrachloroethane	NA	-	-	ND (0.0011)	ND (0.0012)	ND (0.00093)	ND (0.0013)	ND (0.00095)	ND (0.0011)	ND (0.0011)	-	-	ND (0.00083)	ND (0.0011)	ND (0.00087)	ND (0.0007)	ND (0.0011)	ND (0.0016)	ND (0.0011)
1,1,2-Trichloroethane	NA	-	-	ND (0.0011)	ND (0.0012)	ND (0.00093)	ND (0.0013)	ND (0.00095)	ND (0.0011)	ND (0.0011)	-	-	ND (0.00083)	ND (0.0011)	ND (0.00087)	ND (0.0007)	ND (0.0011)	ND (0.0016)	ND (0.0011)
1,1-Dichloroethane	240	-	-	ND (0.0011)	ND (0.0012)	ND (0.00093)	ND (0.0013)	ND (0.00095)	ND (0.0011)	ND (0.0011)	-	-	ND (0.00083)	ND (0.0011)	ND (0.00087)	ND (0.0007)	ND (0.0011)	ND (0.0016)	ND (0.0011)
1,1-Dichloroethene	500	-	-	ND (0.0011)	ND (0.0012)	ND (0.00093)	ND (0.0013)	ND (0.00095)	ND (0.0011)	ND (0.0011)	-	-	ND (0.00083)	ND (0.0011)	ND (0.00087)	ND (0.0007)	ND (0.0011)	ND (0.0016)	ND (0.0011)
1,2,3-Trichlorobenzene	NA	-	-	ND (0.0011)	ND (0.0012)	ND (0.00093)	ND (0.0013)	ND (0.00095)	ND (0.0011)	ND (0.0011)	-	-	ND (0.00083)	ND (0.0011)	ND (0.00087)	ND (0.0007)	ND (0.0011)	ND (0.0016)	ND (0.0011)
1,2,4-Trichlorobenzene	NA	-	-	ND (0.0011)	ND (0.0012)	ND (0.00093)	ND (0.0013)	ND (0.00095)	ND (0.0011)	ND (0.0011)	-	-	ND (0.00083)	ND (0.0011)	ND (0.00087)	ND (0.0007)	ND (0.0011)	ND (0.0016)	ND (0.0011)
1,2,4-Trimethylbenzene	190	-	-	ND (0.0011)	ND (0.0012)	ND (0.00093)	ND (0.0013)	ND (0.00095)	ND (0.0011)	ND (0.0011)	-	-	ND (0.00083)	ND (0.0011)	ND (0.00087)	ND (0.0007)	ND (0.0011)	ND (0.0016)	ND (0.0011)
1,2-Dibromo-3-chloropropane (DBCP)	NA	-	-	ND (0.0011)	ND (0.0012)	ND (0.00093)	ND (0.0013)	ND (0.00095)	ND (0.0011)	ND (0.0011)	-	-	ND (0.00083)	ND (0.0011)	ND (0.00087)	ND (0.0007)	ND (0.0011)	ND (0.0016)	ND (0.0011)
1,2-Dibromoethane (Ethylene Dibromide)	NA	-	-	ND (0.0011)	ND (0.0012)	ND (0.00093)	ND (0.0013)	ND (0.00095)	ND (0.0011)	ND (0.0011)	-	-	ND (0.00083)	ND (0.0011)	ND (0.00087)	ND (0.0007)	ND (0.0011)	ND (0.0016)	ND (0.0011)
1,2-Dichlorobenzene	500	-	-	ND (0.0011)	ND (0.0012)	ND (0.00093)	ND (0.0013)	ND (0.00095)	ND (0.0011)	ND (0.0011)	-	-	ND (0.00083)	ND (0.0011)	ND (0.00087)	ND (0.0007)	ND (0.0011)	ND (0.0016)	ND (0.0011)
1,2-Dichloroethane	30	-	-	ND (0.0011)	ND (0.0012)	ND (0.00093)	ND (0.0013)	ND (0.00095)	ND (0.0011)	ND (0.0011)	-	-	ND (0.00083)	ND (0.0011)	ND (0.00087)	ND (0.0007)	ND (0.0011)	ND (0.0016)	ND (0.0011)
1,2-Dichloropropane	NA	-	-	ND (0.0011)	ND (0.0012)	ND (0.00093)	ND (0.0013)	ND (0.00095)	ND (0.0011)	ND (0.0011)	-	-	ND (0.00083)	ND (0.0011)	ND (0.00087)	ND (0.0007)	ND (0.0011)	ND (0.0016)	ND (0.0011)
1,3,5-Trimethylbenzene	190	-	-	ND (0.0011)	ND (0.0012)	ND (0.00093)	ND (0.0013)	ND (0.00095)	ND (0.0011)	ND (0.0011)	-	-	ND (0.00083)	ND (0.0011)	ND (0.00087)	ND (0.0007)	ND (0.0011)	ND (0.0016)	ND (0.0011)
1,3-Dichlorobenzene	280	-	-	ND (0.0011)	ND (0.0012)	ND (0.00093)	ND (0.0013)	ND (0.00095)	ND (0.0011)	ND (0.0011)	-	-	ND (0.00083)	ND (0.0011)	ND (0.00087)	ND (0.0007)	ND (0.0011)	ND (0.0016)	ND (0.0011)
1,4-Dichlorobenzene	130	-	-	ND (0.0011)	ND (0.0012)	ND (0.00093)	ND (0.0013)	ND (0.00095)	ND (0.0011)	ND (0.0011)	-	-	ND (0.00083)	ND (0.0011)	ND (0.00087)	ND (0.0007)	ND (0.0011)	ND (0.0016)	ND (0.0011)
2-Butanone (Methyl Ethyl Ketone)	500	-	-	ND (0.0054)	ND (0.0058)	ND (0.0047)	ND (0.0063)	ND (0.0047)	ND (0.0054)	ND (0.0054)	-	-	ND (0.0041)	ND (0.0054)	ND (0.0043)	ND (0.0035)	ND (0.0056)	ND (0.0082)	ND (0.0055)
2-Hexanone (Methyl Butyl Ketone)	NA	-	-	ND (0.0054)	ND (0.0058)	ND (0.0047)	ND (0.0063)	ND (0.0047)	ND (0.0054)	ND (0.0054)	-	-	ND (0.0041)	ND (0.0054)	ND (0.0043)	ND (0.0035)	ND (0.0056)	ND (0.0082)	ND (0.0055)
2-Phenylbutane (sec-Butylbenzene)	500	-	-	ND (0.0011)	ND (0.0012)	ND (0.00093)	ND (0.0013)	ND (0.00095)	ND (0.0011)	ND (0.0011)	-	-	ND (0.00083)	ND (0.0011)	ND (0.00087)	ND (0.0007)	ND (0.0011)	ND (0.0016)	ND (0.0011)
4-Methyl-2-Pentanone (Methyl Isobutyl Ketone)	NA	-	-	ND (0.0054)	ND (0.0058)	ND (0.0047)	ND (0.0063)	ND (0.0047)	ND (0.0054)	ND (0.0054)	-	-	ND (0.0041)	ND (0.0054)	ND (0.0043)	ND (0.0035)	ND (0.0056)	ND (0.0082)	ND (0.0055)
Acetone	500	-	-	ND (0.0065)	ND (0.007)	ND (0.0056)	ND (0.0076)	ND (0.0057)	ND (0.0065)	ND (0.0064)	-	-	ND (0.005)	ND (0.0065)	ND (0.0052)	ND (0.0042)	ND (0.0068)	ND (0.0098)	ND (0.0066)
Benzene	44	-	-	ND (0.0011)	ND (0.0012)	ND (0.00093)	ND (0.0013)	ND (0.00095)	ND (0.0011)	ND (0.0011)	-	-	ND (0.00083)	ND (0.0011)	ND (0.00087)	ND (0.0007)	ND (0.0011)	ND (0.0016)	ND (0.0011)
Bromodichloromethane	NA	-	-	ND (0.0011)	ND (0.0012)	ND (0.00093)	ND (0.0013)	ND (0.00095)	ND (0.0011)	ND (0.0011)	-	-	ND (0.00083)	ND (0.0011)	ND (0.00087)	ND (0.0007)	ND (0.0011)	ND (0.0016)	ND (0.0011)
Bromoform	NA	-	-	ND (0.0011)	ND (0.0012)	ND (0.00093)	ND (0.0013)	ND (0.00095)	ND (0.0011)	ND (0.0011)	-	-	ND (0.00083)	ND (0.0011)	ND (0.00087)	ND (0.0007)	ND (0.0011)	ND (0.0016)	ND (0.0011)
Bromomethane (Methyl Bromide)	NA	-	-	ND (0.0022)	ND (0.0023)	ND (0.0019)	ND (0.0025)	ND (0.0019)	ND (0.0022)	ND (0.0021)	-	-	ND (0.0017)	ND (0.0022)	ND (0.0017)	ND (0.0014)	ND (0.0023)	ND (0.0033)	ND (0.0022)
Carbon disulfide	NA	-	-	ND (0.0011)	ND (0.0012)	ND (0.00093)	ND (0.0013)	ND (0.00095)	ND (0.0011)	ND (0.0011)	-	-	ND (0.00083)	ND (0.0011)	ND (0.00087)	ND (0.0007)	ND (0.0011)	ND (0.0016)	ND (0.0011)
Carbon tetrachloride	22	-	-	ND (0.0011)	ND (0.0012)	ND (0.00093)	ND (0.0013)	ND (0.00095)	ND (0.0011)	ND (0.0011)	-	-	ND (0.00083)	ND (0.0011)	ND (0.00087)	ND (0.0007)	ND (0.0011)	ND (0.0016)	ND (0.0011)
Chlorobenzene	500	-	-	ND (0.0011)	ND (0.0012)	ND (0.00093)	ND (0.0013)	ND (0.00095)	ND (0.0011)	ND (0.0011)	-	-	ND (0.00083)	ND (0.0011)	ND (0.00087)	ND (0.0007)	ND (0.0011)	ND (0.0016)	ND (0.0011)
Chlorobromomethane	NA	-	-	ND (0.0011)	ND (0.0012)	ND (0.00093)	ND (0.0013)	ND (0.00095)	ND (0.0011)	ND (0.0011)	-	-	ND (0.00083)	ND (0.0011)	ND (0.00087)	ND (0.0007)	ND (0.0011)	ND (0.0016)	ND (0.0011)
Chloroethane	NA	-	-	ND (0.0011)	ND (0.0012)	ND (0.00093)	ND (0.0013)	ND (0.00095)	ND (0.0011)	ND (0.0011)	-	-	ND (0.00083)	ND (0.0011)	ND (0.00087)	ND (0.0007)	ND (0.0011)	ND (0.0016)	ND (0.0011)
Chloroform (Trichloromethane)	350	-	-	ND (0.0011)	ND (0.0012)	ND (0.00093)	ND (0.0013)	ND (0.00095)	ND (0.0011)	ND (0.0011)	-	-	ND (0.00083)	ND (0.0011)	ND (0.00087)	ND (0.0007)	ND (0.0011)	ND (0.0016)	ND (0.0011)
Chloromethane (Methyl Chloride)	NA	-	-	ND (0.0011)	ND (0.0012)	ND (0.00093)	ND (0.0013)	ND (0.00095)	ND (0.0011)	ND (0.0011)	-	-	ND (0.00083)	ND (0.0011)	ND (0.00087)	ND (0.0007)	ND (0.0011)	ND (0.0016)	ND (0.0011)
cis-1,2-Dichloroethene	500	-	-	ND (0.0011)	ND (0.0012)	ND (0.00093)	ND (0.0013)	ND (0.00095)	ND (0.0011)	ND (0.0011)	-	-	ND (0.00083)	ND (0.0011)	ND (0.00087)	ND (0.0007)	ND (0.0011)	ND (0.0016)	ND (0.0011)
cis-1,3-Dichloropropene	NA	-	-	ND (0.0011)	ND (0.0012)	ND (0.00093)	ND (0.0013)	ND (0.00095)	ND (0.0011)	ND (0.0011)	-	-	ND (0.00083)	ND (0.0011)	ND (0.00087)	ND (0.0007)	ND (0.0011)	ND (0.0016)	ND (0.0011)
Cyclohexane	NA	-	-	ND (0.0011)	ND (0.0012)	ND (0.00093)	ND (0.0013)	ND (0.00095)	ND (0.0011)	ND (0.0011)	-	-	ND (0.00083)	ND (0.0011)	ND (0.00087)	ND (0.0007)	ND (0.0011)	ND (0.0016)	ND (0.0011)
Dibromochloromethane	NA	-	-	ND (0.0011)	ND (0.0012)	ND (0.00093)	ND (0.0013)	ND (0.00095)	ND (0.0011)	ND (0.0011)	-	-	ND (0.00083)	ND (0.0011)	ND (0.00087)	ND (0.0007)	ND (0.0011)	ND (0.0016)	ND (0.0011)
Dichlorodifluoromethane (CFC-12)	NA	-	-	ND (0.0011)	ND (0.0012)	ND (0.00093)	ND (0.0013)	ND (0.00095)	ND (0.0011)	ND (0.0011)	-	-	ND (0.00083)	ND (0.0011)	ND (0.00087)	ND (0.0007)	ND (0.0011)	ND (0.0016)	ND (0.0011)
Ethylbenzene	390	-	-	ND (0.0011)	ND (0.0012)	ND (0.00093)	ND (0.0013)	ND (0.00095)	ND (0.0011)	ND (0.0011)	-	-	ND (0.00083)	ND (0.0011)	ND (0.00087)	ND (0.0007)	ND (0.0011)	ND (0.0016)	ND (0.0011)
Isopropylbenzene (Cumene)	NA	-	-	ND (0.0011)	ND (0.0012)	ND (0.00093)	ND (0.0013)	ND (0.00095)	ND (0.0011)	ND (0.0011)	-	-	ND (0.00083)	ND (0.0011)	ND (0.00087)	ND (0.0007)	ND (0.0011)	ND (0.0016)	ND (0.0011)
m,p-Xylenes	NA	-	-	ND (0.0011)	ND (0.0012)	ND (0.00093)	ND (0.0013)	ND (0.00095)	ND (0.0011)	ND (0.0011)	-	-	ND (0.00083)	ND (0.0011)	ND (0.00087)	ND (0.0007)	ND (0.0011)	ND (0.0016)	ND (0.0011)
Methyl acetate	NA	-	-	ND (0.0054)	ND (0.0058)	ND (0.0047)	ND (0.0063)	ND (0.0047)	ND (0.0054)	ND (0.0054)	-	-	ND (0.0041)	ND (0.0054)	ND (0.0043)	ND (0.0035)	ND (0.0056)	ND (0.0082)	ND (0.0055)
Methyl Tert Butyl Ether (MTBE)	500	-	-	ND (0.0011)	ND (0.0012)	ND (0.00093)	ND (0.0013)	ND (0.00095)	ND (0.0011)	ND (0.0011)	-	-	ND (0.00083)	ND (0.0011)	ND (0.00087)	ND (0.0007)	ND (0.0011)	ND (0.0016)	ND (0.0011)
Methylcyclohexane	NA	-	-	ND (0.0011)	ND (0.0012)	ND (0.00093)	ND (0.0013)	ND (0.00095)	ND (0.0011)	ND (0.0011)	-	-	ND (0.00083)	ND (0.0011)	ND (0.00087)	ND (0.0007)	ND (0.0011)	ND (0.0016)	ND (0.0011)
Methylene chloride (Dichloromethane)	500	-	-	0.0031	0.0024	0.002	0.0032	0.0013 J	ND (0.0022)	0.0012 J	-	-	0.0017	0.0033	0.0025	0.00091 J	0.0028	0.0037	0.0028
n-Butylbenzene	500	-	-	ND (0.0011)	ND (0.0012)	ND (0.00093)	ND (0.0013)	ND (0.00095)	ND (0.0011)	ND (0.0011)	-	-	ND (0.00083)	ND (0.0011)	ND (0.00087)	ND (0.0007)	ND (0.0011)	ND (0.0016)	ND (0.0011)
n-Propylbenzene	500	-	-	ND (0.0011)	ND (0.0012)	ND (0.00093)	ND (0.0013)	ND (0.00095)	ND (0.0011)	ND (0.0011)	-	-	ND (0.00083)	ND (0.0011)	ND (0.00087)	ND (0.0007)	ND (0.0011)	ND (0.0016)	ND (0.0011)
o-Xylene	NA	-	-	ND (0.0011)	ND (0.0012)	ND (0.00093)	ND (0.0013)	ND (0.00095)	ND (0.0011)	ND (0.0011)	-	-	ND (0.00083)	ND (0.0011)	ND (0.00087)	ND (0.0007)	ND (0.0011)	ND (0.0016)	ND (0.0011)
Styrene	NA	-	-	ND (0.0011)	ND (0.0012)	ND (0.00093)	ND (0.0013)	ND (0.00095)	ND (0.0011)	ND (0.0011)	-	-	ND (0.00083)	ND (0.0011)	ND (0.00087)	ND (0.0007)	ND (0.0011)	ND (0.0016)	ND (0.0011)
tert-Butylbenzene	500	-	-	ND (0.0011)	ND (0.0012)	ND (0.00093)	ND (0.0013)	ND (0.00095)	ND (0.0011)	ND (0.0011)	-	-	ND (0.00083)	ND (0.0011)	ND (0.00087)	ND (0.0007)	ND (0.0011)	ND (0.0016)	ND (0.0011)
Tetrachloroethene	150	-	-	ND (0.0011)	ND (0.0012)	ND (0.00093)	ND (0.0013)	ND (0.00095)	ND (0.0011)	ND (0.0011)	-	-	ND (0.00083)	ND (0.0011)	ND (0.00087)	ND (0.0007)	ND (0.0011)	ND (0.0016)	ND (0.0011)
Toluene	500	-	-	ND (0.0011)	ND (0.0012)	ND (0.00093)	ND (0.0013)	ND (0.00095)	ND (0.0011)	ND (0.0011)	-	-	ND (0.00083)	ND (0.0011)	ND (0.00087)	ND (0.0007)	ND (0.0011)	ND (0.0016)	ND (0.0011)
trans-1,2-Dichloroethene	500	-	-	ND (0.0011)	ND (0.0012)	ND (0.00093)	ND (0.0013)	ND (0.00095)	ND (0.0011)	ND (0.0011)	-	-	ND (0.00083)	ND (0.0011)	ND (0.00087)	ND (0.0007)	ND (0.0011)	ND (0.0016)	ND (0.0011)
trans-1,3-Dichloropropene	NA	-	-	ND (0.0011)	ND (0.0012)	ND (0.00093)	ND (0.0013)	ND (0.00095)	ND (0.0011)	ND (0.0011)	-	-	ND (0.00083)	ND (0.0011)	ND (0.00087)	ND (0.0007)	ND (0.0011)	ND (0.0016)	ND (0.0011)
Trichloroethene	200	-	-	ND (0.0011)	ND (0.0012)	ND (0.00093)	ND (0.0013)	ND (0.00095)	ND (0.0011)	ND (0.0011)	-	-	ND (0.00083)	ND (0.0011)	ND (0.00087)	ND (0.0007)	ND (0.0011)	ND (0.0016)	ND (0.0011)
Trichlorofluoromethane (CFC-11)	NA	-	-	ND (0.0011)	ND (0.0012)	ND (0.00093)	ND (0.0013)	ND (0.00095)	ND (0.0011)	ND (0.0011)	-	-	ND (0.00083)	ND (0.0011)	ND (0.00087)	ND (0.0007)	ND (0.0011)	ND (0.0016)	ND (0.0011)
Trifluorotrichloroethane (Freon 113)	NA	-	-	ND (0.0011)	ND (0.0012)	ND (0.00093)	ND (0.0013)	ND (0.00095)	ND (0.0011)	ND (0.0011)	-	-	ND (0.00083)	ND (0.0011)	ND (0.00087)	ND (0.0007)	ND (0.0011)	ND (0.0016)	ND (0.0011)
Vinyl chloride	13	-	-	ND (0.0011)	ND (0.0012)	ND (0.00093)	ND (0.0013)	ND (0.00095)	ND (0.0011)	ND (0.0011)	-	-	ND (0.00083)	ND (0.0011)	ND (0.00087)	ND (0.0007)	ND (0.0011)	ND (0.0016)	ND (0.0011)
Xylene (Total)	500	-	-	ND (0.0022)	ND (0.0023)	ND (0.0019)	ND (0.0025)	ND (0.0019)	ND (0.0022)	ND (0.0021)	-	-	ND (0.0017)	ND (0.0022)	ND (0.0017)	ND (0.0014)	0.00041 J	ND (0.0033)	ND (0.0022)

TABLE 24
SUMMARY OF SOIL QUALITY DATA - BERM 59
FORMER PORT MOBIL TERMINAL
STATEN ISLAND, NEW YORK
FILE NO. 0208998

	Criteria																		
Location Name	NY Part 375	59C	59C	59C1	59C1	59C1	59C2	59C2	59C3	59C3	59D	59D	59D1	59D1	59D2	59D2	59D2	59D3	59D3
Sample Name	Commercial	59C_0-6	59C_6-12	59C1_1-2	59C1_5-6	59C1_9-10	59C2_3-4	59C2_6-7	59C3_4-5	59C3_8-9	59D_0-6	59D_6-12	59D1_1-2	59D1_6-7	59D2_2-3	59D2_7-8	59D2_11-12	59D3_3-4	59D3_8-9
Sample Date	Use	09/29/2025	09/29/2025	09/29/2025	09/29/2025	09/29/2025	09/29/2025	09/29/2025	09/29/2025	09/29/2025	09/29/2025	09/29/2025	09/29/2025	09/29/2025	09/29/2025	09/29/2025	09/29/2025	09/29/2025	09/29/2025
Lab Sample ID	Soil Cleanup	460-335975-5	460-335975-6	460-335975-31	460-335975-34	460-335975-37	460-335975-32	460-335975-35	460-335975-33	460-335975-36	460-335975-7	460-335975-8	460-335975-38	460-335975-41	460-335975-39	460-335975-42	460-335975-44	460-335975-40	460-335975-43
Sample Depth (bgs)	Objectives	0 - 6 (ft)	6 - 12 (ft)	1 - 2 (ft)	5 - 6 (ft)	9 - 10 (ft)	3 - 4 (ft)	6 - 7 (ft)	4 - 5 (ft)	8 - 9 (ft)	0 - 6 (ft)	6 - 12 (ft)	1 - 2 (ft)	6 - 7 (ft)	2 - 3 (ft)	7 - 8 (ft)	11 - 12 (ft)	3 - 4 (ft)	8 - 9 (ft)
Semi-Volatile Organic Compounds (mg/kg)																			
1,2,4,5-Tetrachlorobenzene	NA	ND (0.36)	ND (0.36)	-	-	-	-	-	-	-	ND (0.37)	ND (0.37)	-	-	-	-	-	-	-
1,4-Dioxane	130	ND (0.036)	ND (0.036)	-	-	-	-	-	-	-	ND (0.037)	ND (0.037)	-	-	-	-	-	-	-
2,2'-oxybis(1-Chloropropane)	NA	ND (0.36)	ND (0.36)	-	-	-	-	-	-	-	ND (0.37)	ND (0.37)	-	-	-	-	-	-	-
2,3,4,6-Tetrachlorophenol	NA	ND (0.36)	ND (0.36)	-	-	-	-	-	-	-	ND (0.37)	ND (0.37)	-	-	-	-	-	-	-
2,4,5-Trichlorophenol	NA	ND (0.36)	ND (0.36)	-	-	-	-	-	-	-	ND (0.37)	ND (0.37)	-	-	-	-	-	-	-
2,4,6-Trichlorophenol	NA	ND (0.15)	ND (0.15)	-	-	-	-	-	-	-	ND (0.15)	ND (0.15)	-	-	-	-	-	-	-
2,4-Dichlorophenol	NA	ND (0.15)	ND (0.15)	-	-	-	-	-	-	-	ND (0.15)	ND (0.15)	-	-	-	-	-	-	-
2,4-Dimethylphenol	NA	ND (0.36)	ND (0.36)	-	-	-	-	-	-	-	ND (0.37)	ND (0.37)	-	-	-	-	-	-	-
2,4-Dinitrophenol	NA	ND (0.29)	ND (0.29)	-	-	-	-	-	-	-	ND (0.29)	ND (0.29)	-	-	-	-	-	-	-
2,4-Dinitrotoluene	NA	ND (0.074)	ND (0.073)	-	-	-	-	-	-	-	ND (0.074)	ND (0.074)	-	-	-	-	-	-	-
2,6-Dinitrotoluene	NA	ND (0.074)	ND (0.073)	-	-	-	-	-	-	-	ND (0.074)	ND (0.074)	-	-	-	-	-	-	-
2-Chloronaphthalene	NA	ND (0.36)	ND (0.36)	-	-	-	-	-	-	-	ND (0.37)	ND (0.37)	-	-	-	-	-	-	-
2-Chlorophenol	NA	ND (0.36)	ND (0.36)	-	-	-	-	-	-	-	ND (0.37)	ND (0.37)	-	-	-	-	-	-	-
2-Methylnaphthalene	NA	ND (0.36)	ND (0.36)	-	-	-	-	-	-	-	ND (0.37)	ND (0.37)	-	-	-	-	-	-	-
2-Methylphenol (o-Cresol)	500	ND (0.36)	ND (0.36)	-	-	-	-	-	-	-	ND (0.37)	ND (0.37)	-	-	-	-	-	-	-
2-Nitroaniline	NA	ND (0.36)	ND (0.36)	-	-	-	-	-	-	-	ND (0.37)	ND (0.37)	-	-	-	-	-	-	-
2-Nitrophenol	NA	ND (0.36)	ND (0.36)	-	-	-	-	-	-	-	ND (0.37)	ND (0.37)	-	-	-	-	-	-	-
3&4-Methylphenol	NA	ND (0.36)	ND (0.36)	-	-	-	-	-	-	-	ND (0.37)	ND (0.37)	-	-	-	-	-	-	-
3,3'-Dichlorobenzidine	NA	ND (0.15)	ND (0.15)	-	-	-	-	-	-	-	ND (0.15)	ND (0.15)	-	-	-	-	-	-	-
3-Nitroaniline	NA	ND (0.36)	ND (0.36)	-	-	-	-	-	-	-	ND (0.37)	ND (0.37)	-	-	-	-	-	-	-
4,6-Dinitro-2-methylphenol	NA	ND (0.29)	ND (0.29)	-	-	-	-	-	-	-	ND (0.29)	ND (0.29)	-	-	-	-	-	-	-
4-Bromophenyl phenyl ether (BDE-3)	NA	ND (0.36)	ND (0.36)	-	-	-	-	-	-	-	ND (0.37)	ND (0.37)	-	-	-	-	-	-	-
4-Chloro-3-methylphenol	NA	ND (0.36)	ND (0.36)	-	-	-	-	-	-	-	ND (0.37)	ND (0.37)	-	-	-	-	-	-	-
4-Chloroaniline	NA	ND (0.36)	ND (0.36)	-	-	-	-	-	-	-	ND (0.37)	ND (0.37)	-	-	-	-	-	-	-
4-Chlorophenyl phenyl ether	NA	ND (0.36)	ND (0.36)	-	-	-	-	-	-	-	ND (0.37)	ND (0.37)	-	-	-	-	-	-	-
4-Methylphenol	500	ND (0.36)	ND (0.36)	-	-	-	-	-	-	-	ND (0.37)	ND (0.37)	-	-	-	-	-	-	-
4-Nitroaniline	NA	ND (0.36)	ND (0.36)	-	-	-	-	-	-	-	ND (0.37)	ND (0.37)	-	-	-	-	-	-	-
4-Nitrophenol	NA	ND (0.74)	ND (0.73)	-	-	-	-	-	-	-	ND (0.74)	ND (0.74)	-	-	-	-	-	-	-
Acenaphthene	500	ND (0.36)	ND (0.36)	-	-	-	-	-	-	-	ND (0.37)	ND (0.37)	-	-	-	-	-	-	-
Acenaphthylene	500	ND (0.36)	ND (0.36)	-	-	-	-	-	-	-	ND (0.37)	ND (0.37)	-	-	-	-	-	-	-
Acetophenone	NA	ND (0.36)	ND (0.36)	-	-	-	-	-	-	-	ND (0.37)	ND (0.37)	-	-	-	-	-	-	-
Anthracene	500	ND (0.36)	ND (0.36)	-	-	-	-	-	-	-	ND (0.37)	ND (0.37)	-	-	-	-	-	-	-
Atrazine	NA	ND (0.15)	ND (0.15)	-	-	-	-	-	-	-	ND (0.15)	ND (0.15)	-	-	-	-	-	-	-
Benzaldehyde	NA	ND (0.36)	ND (0.36)	-	-	-	-	-	-	-	ND (0.37)	ND (0.37)	-	-	-	-	-	-	-
Benzo(a)anthracene	5.6	ND (0.036)	ND (0.036)	-	-	-	-	-	-	-	ND (0.037)	ND (0.037)	-	-	-	-	-	-	-
Benzo(a)pyrene	1	ND (0.036)	ND (0.036)	-	-	-	-	-	-	-	ND (0.037)	ND (0.037)	-	-	-	-	-	-	-
Benzo(b)fluoranthene	5.6	ND (0.036)	ND (0.036)	-	-	-	-	-	-	-	ND (0.037)	ND (0.037)	-	-	-	-	-	-	-
Benzo(g,h,i)perylene	500	ND (0.36)	ND (0.36)	-	-	-	-	-	-	-	ND (0.37)	ND (0.37)	-	-	-	-	-	-	-
Benzo(k)fluoranthene	56	ND (0.036)	ND (0.036)	-	-	-	-	-	-	-	ND (0.037)	ND (0.037)	-	-	-	-	-	-	-
Biphenyl	NA	ND (0.36)	ND (0.36)	-	-	-	-	-	-	-	ND (0.37)	ND (0.37)	-	-	-	-	-	-	-
bis(2-Chloroethoxy)methane	NA	ND (0.36)	ND (0.36)	-	-	-	-	-	-	-	ND (0.37)	ND (0.37)	-	-	-	-	-	-	-
bis(2-Chloroethyl)ether	NA	ND (0.036)	ND (0.036)	-	-	-	-	-	-	-	ND (0.037)	ND (0.037)	-	-	-	-	-	-	-
bis(2-Ethylhexyl)phthalate	NA	ND (0.36)	ND (0.36)	-	-	-	-	-	-	-	ND (0.37)	ND (0.37)	-	-	-	-	-	-	-
Butyl benzylphthalate (BBP)	NA	ND (0.36)	ND (0.36)	-	-	-	-	-	-	-	ND (0.37)	ND (0.37)	-	-	-	-	-	-	-
Caprolactam	NA	ND (0.36)	ND (0.36)	-	-	-	-	-	-	-	ND (0.37)	ND (0.37)	-	-	-	-	-	-	-
Carbazole	NA	ND (0.36)	ND (0.36)	-	-	-	-	-	-	-	ND (0.37)	ND (0.37)	-	-	-	-	-	-	-
Chrysene	56	ND (0.36)	ND (0.36)	-	-	-	-	-	-	-	ND (0.37)	ND (0.37)	-	-	-	-	-	-	-
Dibenz(a,h)anthracene	0.56	ND (0.036)	ND (0.036)	-	-	-	-	-	-	-	ND (0.037)	ND (0.037)	-	-	-	-	-	-	-
Dibenzofuran	350	ND (0.36)	ND (0.36)	-	-	-	-	-	-	-	ND (0.37)	ND (0.37)	-	-	-	-	-	-	-
Diethyl phthalate	NA	ND (0.36)	ND (0.36)	-	-	-	-	-	-	-	ND (0.37)	ND (0.37)	-	-	-	-	-	-	-
Dimethyl phthalate	NA	ND (0.36)	ND (0.36)	-	-	-	-	-	-	-	ND (0.37)	ND (0.37)	-	-	-	-	-	-	-
Di-n-butylphthalate (DBP)	NA	ND (0.36)	ND (0.36)	-	-	-	-	-	-	-	ND (0.37)	ND (0.37)	-	-	-	-	-	-	-
Di-n-octyl phthalate (DnOP)	NA	ND (0.36)	ND (0.36)	-	-	-	-	-	-	-	ND (0.37)	ND (0.37)	-	-	-	-	-	-	-
Fluoranthene	500	ND (0.36)	ND (0.36)	-	-	-	-	-	-	-	ND (0.37)	ND (0.37)	-	-	-	-	-	-	-
Fluorene	500	ND (0.36)	ND (0.36)	-	-	-	-	-	-	-	ND (0.37)	ND (0.37)	-	-	-	-	-	-	-
Hexachlorobenzene	6	ND (0.036)	ND (0.036)	-	-	-	-	-	-	-	ND (0.037)	ND (0.037)	-	-	-	-	-	-	-
Hexachlorobutadiene	NA	ND (0.074)	ND (0.073)	-	-	-	-	-	-	-	ND (0.074)	ND (0.074)	-	-	-	-	-	-	-
Hexachlorocyclopentadiene	NA	ND (0.36)	ND (0.36)	-	-	-	-	-	-	-	ND (0.37)	ND (0.37)	-	-	-	-	-	-	-
Hexachloroethane	NA	ND (0.036)	ND (0.036)	-	-	-	-	-	-	-	ND (0.037)	ND (0.037)	-	-	-	-	-	-	-
Indeno(1,2,3-cd)pyrene	5.6	ND (0.036)	ND (0.036)	-	-	-	-	-	-	-	ND (0.037)	ND (0.037)	-	-	-	-	-	-	-
Isophorone	NA	ND (0.15)	ND (0.15)	-	-	-	-	-	-	-	ND (0.15)	ND (0.15)	-	-	-	-	-	-	-
Naphthalene	500	ND (0.36)	ND (0.36)	-	-	-	-	-	-	-	ND (0.37)	ND (0.37)	-	-	-	-	-	-	-
Nitrobenzene	NA	ND (0.036)	ND (0.036)	-	-	-	-	-	-	-	ND (0.037)	ND (0.037)	-	-	-	-	-	-	-
N-Nitrosodi-n-propylamine	NA	ND (0.036)	ND (0.036)	-	-	-	-	-	-	-	ND (0.037)	ND (0.037)	-	-	-	-	-	-	-
N-Nitrosodiphenylamine	NA	ND (0.36)	ND (0.36)	-	-	-	-	-	-	-	ND (0.37)	ND (0.37)	-	-	-	-	-	-	-
Pentachlorophenol	6.7	ND (0.29)	ND (0.29)	-	-	-	-	-	-	-	ND (0.29)	ND (0.29)	-	-	-	-	-	-	-
Phenanthrene	500	ND (0.36)	ND (0.36)	-	-	-	-	-	-	-	ND (0.37)	ND (0.37)	-	-	-	-	-	-	-
Phenol	500	ND (0.36)	ND (0.36)	-	-	-	-	-	-	-	ND (0.37)	ND (0.37)	-	-	-	-	-	-	-
Pyrene	500	ND (0.36)	ND (0.36)	-	-	-	-	-	-	-	ND (0.37)	ND (0.37)	-	-	-	-	-	-	-

TABLE 24
SUMMARY OF SOIL QUALITY DATA - BERM 59
FORMER PORT MOBIL TERMINAL
STATEN ISLAND, NEW YORK
FILE NO. 0208998

	Criteria																		
Location Name	NY Part 375	59C	59C	59C1	59C1	59C1	59C2	59C2	59C3	59C3	59D	59D	59D1	59D1	59D2	59D2	59D2	59D3	59D3
Sample Name	Commercial	59C_0-6	59C_6-12	59C1_1-2	59C1_5-6	59C1_9-10	59C2_3-4	59C2_6-7	59C3_4-5	59C3_8-9	59D_0-6	59D_6-12	59D1_1-2	59D1_6-7	59D2_2-3	59D2_7-8	59D2_11-12	59D3_3-4	59D3_8-9
Sample Date	Use	09/29/2025	09/29/2025	09/29/2025	09/29/2025	09/29/2025	09/29/2025	09/29/2025	09/29/2025	09/29/2025	09/29/2025	09/29/2025	09/29/2025	09/29/2025	09/29/2025	09/29/2025	09/29/2025	09/29/2025	09/29/2025
Lab Sample ID	Soil Cleanup	460-335975-5	460-335975-6	460-335975-31	460-335975-34	460-335975-37	460-335975-32	460-335975-35	460-335975-33	460-335975-36	460-335975-7	460-335975-8	460-335975-38	460-335975-41	460-335975-39	460-335975-42	460-335975-44	460-335975-40	460-335975-43
Sample Depth (bgs)	Objectives	0 - 6 (ft)	6 - 12 (ft)	1 - 2 (ft)	5 - 6 (ft)	9 - 10 (ft)	3 - 4 (ft)	6 - 7 (ft)	4 - 5 (ft)	8 - 9 (ft)	0 - 6 (ft)	6 - 12 (ft)	1 - 2 (ft)	6 - 7 (ft)	2 - 3 (ft)	7 - 8 (ft)	11 - 12 (ft)	3 - 4 (ft)	8 - 9 (ft)
PFAS (mg/kg)																			
11-Chloroeicosafluoro-3-Oxaundecane-1-Sulfonic Acid (11Cl-PF3OUdS)	NA	ND (0.00019)	ND (0.00019)	-	-	-	-	-	-	-	ND (0.0002)	ND (0.00019)	-	-	-	-	-	-	-
2H,2H,3H,3H-Perfluorooctanoic acid (5:3 FTCA)	NA	ND (0.00096)	ND (0.00097)	-	-	-	-	-	-	-	ND (0.001)	ND (0.00096)	-	-	-	-	-	-	-
3-(Perfluoroheptyl)propanoic acid (7:3 FTCA)	NA	ND (0.00096)	ND (0.00097)	-	-	-	-	-	-	-	ND (0.001)	ND (0.00096)	-	-	-	-	-	-	-
3:3 Fluorotelomer carboxylic acid (3:3 FTCA)	NA	ND (0.00038)	ND (0.00039)	-	-	-	-	-	-	-	ND (0.0004)	ND (0.00038)	-	-	-	-	-	-	-
4,8-Dioxa-3H-Perfluorononanoic Acid (ADONA)	NA	ND (0.00019)	ND (0.00019)	-	-	-	-	-	-	-	ND (0.0002)	ND (0.00019)	-	-	-	-	-	-	-
4:2 Fluorotelomer sulfonic acid (4:2 FTS)	NA	ND (0.00038)	ND (0.00039)	-	-	-	-	-	-	-	ND (0.0004)	ND (0.00038)	-	-	-	-	-	-	-
6:2 Fluorotelomer sulfonic acid (6:2 FTS)	NA	ND (0.00038)	ND (0.00039)	-	-	-	-	-	-	-	ND (0.0004)	ND (0.00038)	-	-	-	-	-	-	-
8:2 Fluorotelomer sulfonic acid (8:2 FTS)	NA	0.00024 J	ND (0.00039)	-	-	-	-	-	-	-	ND (0.0004)	ND (0.00038)	-	-	-	-	-	-	-
9-Chlorohexadecafluoro-3-Oxanone-1-Sulfonic Acid (9Cl-PF3ONS)	NA	ND (0.00019)	ND (0.00019)	-	-	-	-	-	-	-	ND (0.0002)	ND (0.00019)	-	-	-	-	-	-	-
N-Ethyl Perfluorooctanesulfonamidoacetic Acid (NEtFOSAA)	NA	ND (0.00019)	ND (0.00019)	-	-	-	-	-	-	-	ND (0.0002)	ND (0.00019)	-	-	-	-	-	-	-
N-Ethylperfluorooctane sulfonamide (N-EtFOSA)	NA	ND (0.00019)	ND (0.00019)	-	-	-	-	-	-	-	ND (0.0002)	ND (0.00019)	-	-	-	-	-	-	-
N-Ethylperfluorooctane sulfonamidoethanol (N-EtFOSE)	NA	ND (0.00096)	ND (0.00097)	-	-	-	-	-	-	-	ND (0.001)	ND (0.00096)	-	-	-	-	-	-	-
N-Methyl Perfluorooctanesulfonamidoacetic Acid (NMeFOSAA)	NA	ND (0.00019)	ND (0.00019)	-	-	-	-	-	-	-	ND (0.0002)	ND (0.00019)	-	-	-	-	-	-	-
N-Methylperfluorooctane sulfonamide (N-MeFOSA)	NA	ND (0.00019)	ND (0.00019)	-	-	-	-	-	-	-	ND (0.0002)	ND (0.00019)	-	-	-	-	-	-	-
N-Methylperfluorooctane sulfonamidoethanol (N-MeFOSE)	NA	ND (0.00096)	ND (0.00097)	-	-	-	-	-	-	-	ND (0.001)	ND (0.00096)	-	-	-	-	-	-	-
Nonafluoro-3,6-dioxaheptanoic acid (NFDHA)	NA	ND (0.00019)	ND (0.00019)	-	-	-	-	-	-	-	ND (0.0002)	ND (0.00019)	-	-	-	-	-	-	-
Perfluoro(2-ethoxyethane) sulphonic acid (PFEESA)	NA	ND (0.00019)	ND (0.00019)	-	-	-	-	-	-	-	ND (0.0002)	ND (0.00019)	-	-	-	-	-	-	-
Perfluoro(4-methoxybutanoic) acid (PFMBA)	NA	ND (0.00019)	ND (0.00019)	-	-	-	-	-	-	-	ND (0.0002)	ND (0.00019)	-	-	-	-	-	-	-
Perfluoro-2-propoxypropanoic acid (PFPrOPrA)(GenX) (HFPO-DA)	NA	ND (0.00019)	ND (0.00019)	-	-	-	-	-	-	-	ND (0.0002)	ND (0.00019)	-	-	-	-	-	-	-
Perfluoro-3-methoxypropanoic acid (PFMPA)	NA	ND (0.00019)	ND (0.00019)	-	-	-	-	-	-	-	ND (0.0002)	ND (0.00019)	-	-	-	-	-	-	-
Perfluorobutanesulfonic acid (PFBS)	NA	ND (0.00019)	ND (0.00019)	-	-	-	-	-	-	-	ND (0.0002)	ND (0.00019)	-	-	-	-	-	-	-
Perfluorobutanoic acid (PFBA)	NA	ND (0.00038)	ND (0.00039)	-	-	-	-	-	-	-	ND (0.0004)	ND (0.00038)	-	-	-	-	-	-	-
Perfluorodecanesulfonic acid (PFDS)	NA	ND (0.00019)	ND (0.00019)	-	-	-	-	-	-	-	ND (0.0002)	ND (0.00019)	-	-	-	-	-	-	-
Perfluorodecanoic acid (PFDA)	NA	0.00052	0.00016 J	-	-	-	-	-	-	-	0.00022	0.00048	-	-	-	-	-	-	-
Perfluorododecane sulfonic acid (PFDoDS)	NA	ND (0.00019)	ND (0.00019)	-	-	-	-	-	-	-	ND (0.0002)	ND (0.00019)	-	-	-	-	-	-	-
Perfluorododecanoic acid (PFDoDA)	NA	0.00044	0.00039	-	-	-	-	-	-	-	0.00028	0.00035	-	-	-	-	-	-	-
Perfluoroheptanesulfonic acid (PFHpS)	NA	ND (0.00019)	ND (0.00019)	-	-	-	-	-	-	-	ND (0.0002)	ND (0.00019)	-	-	-	-	-	-	-
Perfluoroheptanoic acid (PFHpA)	NA	0.0001 J	ND (0.00019)	-	-	-	-	-	-	-	ND (0.0002)	ND (0.00019)	-	-	-	-	-	-	-
Perfluorohexanesulfonic acid (PFHxS)	NA	ND (0.00019)	ND (0.00019)	-	-	-	-	-	-	-	ND (0.0002)	ND (0.00019)	-	-	-	-	-	-	-
Perfluorohexanoic acid (PFHxA)	NA	ND (0.00019)	ND (0.00019)	-	-	-	-	-	-	-	ND (0.0002)	ND (0.00019)	-	-	-	-	-	-	-
Perfluorononane sulfonic acid (PFNS)	NA	ND (0.00019)	ND (0.00019)	-	-	-	-	-	-	-	ND (0.0002)	ND (0.00019)	-	-	-	-	-	-	-
Perfluorononanoic acid (PFNA)	NA	0.00047	0.00016 J	-	-	-	-	-	-	-	0.00062	0.00196	-	-	-	-	-	-	-
Perfluorooctane sulfonamide (PFOSA)	NA	ND (0.00019)	ND (0.00019)	-	-	-	-	-	-	-	ND (0.0002)	ND (0.00019)	-	-	-	-	-	-	-
Perfluorooctanesulfonic acid (PFOS)	0.44	ND (0.00019)	0.00013 J	-	-	-	-	-	-	-	ND (0.0002)	ND (0.00019)	-	-	-	-	-	-	-
Perfluorooctanoic acid (PFOA)	0.5	0.00014 J	ND (0.00019)	-	-	-	-	-	-	-	ND (0.0002)	0.00016 J	-	-	-	-	-	-	-
Perfluoropentanesulfonic acid (PFPeS)	NA	ND (0.00019)	ND (0.00019)	-	-	-	-	-	-	-	ND (0.0002)	ND (0.00019)	-	-	-	-	-	-	-
Perfluoropentanoic acid (PFPeA)	NA	ND (0.00019)	ND (0.00019)	-	-	-	-	-	-	-	ND (0.0002)	ND (0.00019)	-	-	-	-	-	-	-
Perfluorotetradecanoic acid (PFTeDA)	NA	0.0001 J	ND (0.00019)	-	-	-	-	-	-	-	ND (0.0002)	ND (0.00019)	-	-	-	-	-	-	-
Perfluorotridecanoic acid (PFTrDA)	NA	0.00186	0.00221	-	-	-	-	-	-	-	0.00172	0.00343	-	-	-	-	-	-	-
Perfluoroundecanoic acid (PFUnDA)	NA	0.00228	0.00119	-	-	-	-	-	-	-	0.00221	0.00479	-	-	-	-	-	-	-
Pesticides (mg/kg)																			
4,4'-DDD	92	ND (0.0074)	ND (0.0074)	-	-	-	-	-	-	-	ND (0.0075)	ND (0.0074)	-	-	-	-	-	-	-
4,4'-DDE	62	ND (0.0074)	ND (0.0074)	-	-	-	-	-	-	-	ND (0.0075)	ND (0.0074)	-	-	-	-	-	-	-
4,4'-DDT	47	ND (0.0074)	ND (0.0074)	-	-	-	-	-	-	-	ND (0.0075)	ND (0.0074)	-	-	-	-	-	-	-
Aldrin	0.68	ND (0.0074)	ND (0.0074)	-	-	-	-	-	-	-	ND (0.0075)	ND (0.0074)	-	-	-	-	-	-	-
alpha-BHC	3.4	ND (0.0022)	ND (0.0022)	-	-	-	-	-	-	-	ND (0.0022)	ND (0.0022)	-	-	-	-	-	-	-
alpha-Chlordane (cis)	24	ND (0.0074)	ND (0.0074)	-	-	-	-	-	-	-	ND (0.0075)	ND (0.0074)	-	-	-	-	-	-	-
beta-BHC	3	ND (0.0022)	ND (0.0022)	-	-	-	-	-	-	-	ND (0.0022)	ND (0.0022)	-	-	-	-	-	-	-
Chlordane	NA	ND (0.074)	ND (0.074)	-	-	-	-	-	-	-	ND (0.075)	ND (0.074)	-	-	-	-	-	-	-
delta-BHC	500	ND (0.0022)	ND (0.0022)	-	-	-	-	-	-	-	ND (0.0022)	ND (0.0022)	-	-	-	-	-	-	-
Dieldrin	1.4	ND (0.0022)	ND (0.0022)	-	-	-	-	-	-	-	ND (0.0022)	ND (0.0022)	-	-	-	-	-	-	-
Endosulfan I	200	ND (0.0074)	ND (0.0074)	-	-	-	-	-	-	-	ND (0.0075)	ND (0.0074)	-	-	-	-	-	-	-
Endosulfan II	200	ND (0.0074)	ND (0.0074)	-	-	-	-	-	-	-	ND (0.0075)	ND (0.0074)	-	-	-	-	-	-	-
Endosulfan sulfate	200	ND (0.0074)	ND (0.0074)	-	-	-	-	-	-	-	ND (0.0075)	ND (0.0074)	-	-	-	-	-	-	-
Endrin	89	ND (0.0074)	ND (0.0074)	-	-	-	-	-	-	-	ND (0.0075)	ND (0.0074)	-	-	-	-	-	-	-
Endrin aldehyde	NA	ND (0.0074)	ND (0.0074)	-	-	-	-	-	-	-	ND (0.0075)	ND (0.0074)	-	-	-	-	-	-	-
Endrin ketone	NA	ND (0.0074)	ND (0.0074)	-	-	-	-	-	-	-	ND (0.0075)	ND (0.0074)	-	-	-	-	-	-	-
gamma-BHC (Lindane)	9.2	ND (0.0022)	ND (0.0022)	-	-	-	-	-	-	-	ND (0.0022)	ND (0.0022)	-	-	-	-	-	-	-
Heptachlor	15	ND (0.0074)	ND (0.0074)	-	-	-	-	-	-	-	ND (0.0075)	ND (0.0074)	-	-	-	-	-	-	-
Heptachlor epoxide	NA	ND (0.0074)	ND (0.0074)	-	-	-	-	-	-	-	ND (0.0075)	ND (0.0074)	-	-	-	-	-	-	-
Methoxychlor	NA	ND (0.0074)	ND (0.0074)	-	-	-	-	-	-	-	ND (0.0075)	ND (0.0074)	-	-	-	-	-	-	-
Toxaphene	NA	ND (0.074)	ND (0.074)	-	-	-	-	-	-	-	ND (0.075)	ND (0.074)	-	-	-	-	-	-	-

TABLE 24
SUMMARY OF SOIL QUALITY DATA - BERM 59
FORMER PORT MOBIL TERMINAL
STATEN ISLAND, NEW YORK
FILE NO. 0208998

	Criteria																		
Location Name	NY Part 375	59C	59C	59C1	59C1	59C1	59C2	59C2	59C3	59C3	59D	59D	59D1	59D1	59D2	59D2	59D2	59D3	59D3
Sample Name	Commercial	59C_0-6	59C_6-12	59C1_1-2	59C1_5-6	59C1_9-10	59C2_3-4	59C2_6-7	59C3_4-5	59C3_8-9	59D_0-6	59D_6-12	59D1_1-2	59D1_6-7	59D2_2-3	59D2_7-8	59D2_11-12	59D3_3-4	59D3_8-9
Sample Date	Use	09/29/2025	09/29/2025	09/29/2025	09/29/2025	09/29/2025	09/29/2025	09/29/2025	09/29/2025	09/29/2025	09/29/2025	09/29/2025	09/29/2025	09/29/2025	09/29/2025	09/29/2025	09/29/2025	09/29/2025	09/29/2025
Lab Sample ID	Soil Cleanup	460-335975-5	460-335975-6	460-335975-31	460-335975-34	460-335975-37	460-335975-32	460-335975-35	460-335975-33	460-335975-36	460-335975-7	460-335975-8	460-335975-38	460-335975-41	460-335975-39	460-335975-42	460-335975-44	460-335975-40	460-335975-43
Sample Depth (bgs)	Objectives	0 - 6 (ft)	6 - 12 (ft)	1 - 2 (ft)	5 - 6 (ft)	9 - 10 (ft)	3 - 4 (ft)	6 - 7 (ft)	4 - 5 (ft)	8 - 9 (ft)	0 - 6 (ft)	6 - 12 (ft)	1 - 2 (ft)	6 - 7 (ft)	2 - 3 (ft)	7 - 8 (ft)	11 - 12 (ft)	3 - 4 (ft)	8 - 9 (ft)
Polychlorinated Biphenyls (mg/kg)																			
Aroclor-1016 (PCB-1016)	NA	ND (0.074)	ND (0.074)	-	-	-	-	-	-	-	ND (0.075)	ND (0.074)	-	-	-	-	-	-	-
Aroclor-1221 (PCB-1221)	NA	ND (0.074)	ND (0.074)	-	-	-	-	-	-	-	ND (0.075)	ND (0.074)	-	-	-	-	-	-	-
Aroclor-1232 (PCB-1232)	NA	ND (0.074)	ND (0.074)	-	-	-	-	-	-	-	ND (0.075)	ND (0.074)	-	-	-	-	-	-	-
Aroclor-1242 (PCB-1242)	NA	ND (0.074)	ND (0.074)	-	-	-	-	-	-	-	ND (0.075)	ND (0.074)	-	-	-	-	-	-	-
Aroclor-1248 (PCB-1248)	NA	ND (0.074)	ND (0.074)	-	-	-	-	-	-	-	ND (0.075)	ND (0.074)	-	-	-	-	-	-	-
Aroclor-1254 (PCB-1254)	NA	ND (0.074)	ND (0.074)	-	-	-	-	-	-	-	ND (0.075)	ND (0.074)	-	-	-	-	-	-	-
Aroclor-1260 (PCB-1260)	NA	ND (0.074)	ND (0.074)	-	-	-	-	-	-	-	ND (0.075)	ND (0.074)	-	-	-	-	-	-	-
Aroclor-1262 (PCB-1262)	NA	ND (0.074)	ND (0.074)	-	-	-	-	-	-	-	ND (0.075)	ND (0.074)	-	-	-	-	-	-	-
Aroclor-1268 (PCB-1268)	NA	ND (0.074)	ND (0.074)	-	-	-	-	-	-	-	ND (0.075)	ND (0.074)	-	-	-	-	-	-	-
Total PCBs	1	ND (0.074)	ND (0.074)	-	-	-	-	-	-	-	ND (0.075)	ND (0.074)	-	-	-	-	-	-	-
Inorganic Compounds (mg/kg)																			
Aluminum	NA	9520	8520	-	-	-	-	-	-	-	7060	7280	-	-	-	-	-	-	-
Antimony	NA	1.4	1.4	-	-	-	-	-	-	-	1.2	1.2	-	-	-	-	-	-	-
Arsenic	16	5.8	5.9	-	-	-	-	-	-	-	6.3	6.8	-	-	-	-	-	-	-
Barium	400	72	67.3	-	-	-	-	-	-	-	55	60.7	-	-	-	-	-	-	-
Beryllium	590	0.68	0.61	-	-	-	-	-	-	-	0.61	0.66	-	-	-	-	-	-	-
Cadmium	9.3	0.37 J	0.38 J	-	-	-	-	-	-	-	0.25 J	0.23 J	-	-	-	-	-	-	-
Calcium	NA	7500	6340	-	-	-	-	-	-	-	2590	2070	-	-	-	-	-	-	-
Chromium	NA	20.7	18.5	-	-	-	-	-	-	-	19.2	19.1	-	-	-	-	-	-	-
Cobalt	NA	7.7	6.9	-	-	-	-	-	-	-	8.3	7.5	-	-	-	-	-	-	-
Copper	270	35.7	33	-	-	-	-	-	-	-	39.6	43.7	-	-	-	-	-	-	-
Iron	NA	24300	22300	-	-	-	-	-	-	-	20900	21400	-	-	-	-	-	-	-
Lead	1000	234	126	-	-	-	-	-	-	-	132	279	-	-	-	-	-	-	-
Magnesium	NA	5580	4740	-	-	-	-	-	-	-	2720	2110	-	-	-	-	-	-	-
Manganese	10000	312	300	-	-	-	-	-	-	-	217	181	-	-	-	-	-	-	-
Mercury	2.8	0.03	0.026	-	-	-	-	-	-	-	0.052	0.03	-	-	-	-	-	-	-
Nickel	310	43.5	16.4	-	-	-	-	-	-	-	20.3	21.6	-	-	-	-	-	-	-
Potassium	NA	1440	1320	-	-	-	-	-	-	-	1430	1420	-	-	-	-	-	-	-
Selenium	1500	0.18 J	0.19 J	-	-	-	-	-	-	-	0.2 J	0.25 J	-	-	-	-	-	-	-
Silver	1500	0.18 J	0.17 J	-	-	-	-	-	-	-	0.14 J	0.14 J	-	-	-	-	-	-	-
Sodium	NA	145	122	-	-	-	-	-	-	-	79.8 J	93.2	-	-	-	-	-	-	-
Thallium	NA	0.12 J	0.11 J	-	-	-	-	-	-	-	0.094 J	0.096 J	-	-	-	-	-	-	-
Vanadium	NA	28.2	26.2	-	-	-	-	-	-	-	26	25.3	-	-	-	-	-	-	-
Zinc	10000	95.2	84.4	-	-	-	-	-	-	-	106	140	-	-	-	-	-	-	-

ABBREVIATIONS AND NOTES:

mg/kg: milligram per kilogram

**: LCS or LCSD is outside acceptance limits.*
-: Not Analyzed
B: Compound was found in the blank and the associated sample.
bgs: below ground surface
ft: feet
J: Value is estimated.
NA: Not Applicable
ND (2.5): Not detected, number in parentheses is the laboratory reporting limit

- For test methods used, see the laboratory data sheets.
- Soil analytical results are compared to the New York State Department of Environmental Conservation (NYSDEC) Title 6 of the Official Compilation of New York Codes, Rules, and Regulations (NYCRR) Part 375 Commercial Use Soil Cleanup Objectives (SCO).
- Grey shading indicates an exceedance of the Commercial Use Soil Cleanup Objectives.

TABLE 24
SUMMARY OF SOIL QUALITY DATA - BERM 59
FORMER PORT MOBIL TERMINAL
STATEN ISLAND, NEW YORK
FILE NO. 0208998

	Criteria																		
Location Name	NY Part 375	59E	59E	59E1	59E1	59E1	59E2	59E2	59E3	59E3	59F	59F	59F1	59F1	59F1	59F2	59F2	59F3	59F3
Sample Name	Commercial	59E_0-6	59E_6-12	59E1_1-2	59E1_6-7	59E1_11-12	59E2_2-3	59E2_8-9	59E3_4-5	59E3_9-10	59F_0-6	59F_6-12	59F1_1-2	59F1_5-6	59F1_11-12	59F2_3-4	59F2_7-8	59F3_4-5	59F3_9-10
Sample Date	Use	09/29/2025	09/29/2025	09/29/2025	09/29/2025	09/29/2025	09/29/2025	09/29/2025	09/29/2025	09/29/2025	09/29/2025	09/29/2025	09/29/2025	09/29/2025	09/29/2025	09/29/2025	09/29/2025	09/29/2025	09/29/2025
Lab Sample ID	Soil Cleanup	460-335975-9	460-335975-10	460-335975-45	460-335975-48	460-335975-51	460-335975-46	460-335975-49	460-335975-47	460-335975-50	460-335975-11	460-335975-12	460-335975-52	460-335975-55	460-335975-58	460-335975-53	460-335975-56	460-335975-54	460-335975-57
Sample Depth (bgs)	Objectives	0 - 6 (ft)	6 - 12 (ft)	1 - 2 (ft)	6 - 7 (ft)	11 - 12 (ft)	2 - 3 (ft)	8 - 9 (ft)	4 - 5 (ft)	9 - 10 (ft)	0 - 6 (ft)	6 - 12 (ft)	1 - 2 (ft)	5 - 6 (ft)	11 - 12 (ft)	3 - 4 (ft)	7 - 8 (ft)	4 - 5 (ft)	9 - 10 (ft)
Volatile Organic Compounds (mg/kg)																			
1,1,1-Trichloroethane	500	-	-	ND (0.0022)	ND (0.0012)	ND (0.0012)	ND (0.0012)	ND (0.0012)	ND (0.00097)	ND (0.00096)	-	-	ND (0.0011)	ND (0.0014)	ND (0.0013)	ND (0.0018)	ND (0.0011)	ND (0.0014)	ND (0.0011)
1,1,2,2-Tetrachloroethane	NA	-	-	ND (0.0022)	ND (0.0012)	ND (0.0012)	ND (0.0012)	ND (0.0012)	ND (0.00097)	ND (0.00096)	-	-	ND (0.0011)	ND (0.0014)	ND (0.0013)	ND (0.0018)	ND (0.0011)	ND (0.0014)	ND (0.0011)
1,1,2-Trichloroethane	NA	-	-	ND (0.0022)	ND (0.0012)	ND (0.0012)	ND (0.0012)	ND (0.0012)	ND (0.00097)	ND (0.00096)	-	-	ND (0.0011)	ND (0.0014)	ND (0.0013)	ND (0.0018)	ND (0.0011)	ND (0.0014)	ND (0.0011)
1,1-Dichloroethane	240	-	-	ND (0.0022)	ND (0.0012)	ND (0.0012)	ND (0.0012)	ND (0.0012)	ND (0.00097)	ND (0.00096)	-	-	ND (0.0011)	ND (0.0014)	ND (0.0013)	ND (0.0018)	ND (0.0011)	ND (0.0014)	ND (0.0011)
1,1-Dichloroethene	500	-	-	ND (0.0022)	ND (0.0012)	ND (0.0012)	ND (0.0012)	ND (0.0012)	ND (0.00097)	ND (0.00096)	-	-	ND (0.0011)	ND (0.0014)	ND (0.0013)	ND (0.0018)	ND (0.0011)	ND (0.0014)	ND (0.0011)
1,2,3-Trichlorobenzene	NA	-	-	ND (0.0022)	ND (0.0012)	ND (0.0012)	ND (0.0012)	ND (0.0012)	ND (0.00097)	ND (0.00096)	-	-	ND (0.0011)	ND (0.0014)	ND (0.0013)	ND (0.0018)	ND (0.0011)	ND (0.0014)	ND (0.0011)
1,2,4-Trichlorobenzene	NA	-	-	ND (0.0022)	ND (0.0012)	ND (0.0012)	ND (0.0012)	ND (0.0012)	ND (0.00097)	ND (0.00096)	-	-	ND (0.0011)	ND (0.0014)	ND (0.0013)	ND (0.0018)	ND (0.0011)	ND (0.0014)	ND (0.0011)
1,2,4-Trimethylbenzene	190	-	-	ND (0.0022)	ND (0.0012)	ND (0.0012)	ND (0.0012)	ND (0.0012)	ND (0.00097)	ND (0.00096)	-	-	ND (0.0011)	ND (0.0014)	ND (0.0013)	ND (0.0018)	ND (0.0011)	ND (0.0014)	ND (0.0011)
1,2-Dibromo-3-chloropropane (DBCP)	NA	-	-	ND (0.0022)	ND (0.0012)	ND (0.0012)	ND (0.0012)	ND (0.0012)	ND (0.00097)	ND (0.00096)	-	-	ND (0.0011)	ND (0.0014)	ND (0.0013)	ND (0.0018)	ND (0.0011)	ND (0.0014)	ND (0.0011)
1,2-Dibromoethane (Ethylene Dibromide)	NA	-	-	ND (0.0022)	ND (0.0012)	ND (0.0012)	ND (0.0012)	ND (0.0012)	ND (0.00097)	ND (0.00096)	-	-	ND (0.0011)	ND (0.0014)	ND (0.0013)	ND (0.0018)	ND (0.0011)	ND (0.0014)	ND (0.0011)
1,2-Dichlorobenzene	500	-	-	ND (0.0022)	ND (0.0012)	ND (0.0012)	ND (0.0012)	ND (0.0012)	ND (0.00097)	ND (0.00096)	-	-	ND (0.0011)	ND (0.0014)	ND (0.0013)	ND (0.0018)	ND (0.0011)	ND (0.0014)	ND (0.0011)
1,2-Dichloroethane	30	-	-	ND (0.0022)	ND (0.0012)	ND (0.0012)	ND (0.0012)	ND (0.0012)	ND (0.00097)	ND (0.00096)	-	-	ND (0.0011)	ND (0.0014)	ND (0.0013)	ND (0.0018)	ND (0.0011)	ND (0.0014)	ND (0.0011)
1,2-Dichloropropane	NA	-	-	ND (0.0022)	ND (0.0012)	ND (0.0012)	ND (0.0012)	ND (0.0012)	ND (0.00097)	ND (0.00096)	-	-	ND (0.0011)	ND (0.0014)	ND (0.0013)	ND (0.0018)	ND (0.0011)	ND (0.0014)	ND (0.0011)
1,3,5-Trimethylbenzene	190	-	-	ND (0.0022)	ND (0.0012)	ND (0.0012)	ND (0.0012)	ND (0.0012)	ND (0.00097)	ND (0.00096)	-	-	ND (0.0011)	ND (0.0014)	ND (0.0013)	ND (0.0018)	ND (0.0011)	ND (0.0014)	ND (0.0011)
1,3-Dichlorobenzene	280	-	-	ND (0.0022)	ND (0.0012)	ND (0.0012)	ND (0.0012)	ND (0.0012)	ND (0.00097)	ND (0.00096)	-	-	ND (0.0011)	ND (0.0014)	ND (0.0013)	ND (0.0018)	ND (0.0011)	ND (0.0014)	ND (0.0011)
1,4-Dichlorobenzene	130	-	-	ND (0.0022)	ND (0.0012)	ND (0.0012)	ND (0.0012)	ND (0.0012)	ND (0.00097)	ND (0.00096)	-	-	ND (0.0011)	ND (0.0014)	ND (0.0013)	ND (0.0018)	ND (0.0011)	ND (0.0014)	ND (0.0011)
2-Butanone (Methyl Ethyl Ketone)	500	-	-	ND (0.011)	ND (0.006)	ND (0.0061)	ND (0.006)	ND (0.0058)	ND (0.0049)	ND (0.0048)	-	-	ND (0.0056)	ND (0.007)	ND (0.0063)	ND (0.009)	ND (0.0055)	ND (0.0069)	ND (0.0057)
2-Hexanone (Methyl Butyl Ketone)	NA	-	-	ND (0.011)	ND (0.006)	ND (0.0061)	ND (0.006)	ND (0.0058)	ND (0.0049)	ND (0.0048)	-	-	ND (0.0056)	ND (0.007)	ND (0.0063)	ND (0.009)	ND (0.0055)	ND (0.0069)	ND (0.0057)
2-Phenylbutane (sec-Butylbenzene)	500	-	-	ND (0.0022)	ND (0.0012)	ND (0.0012)	ND (0.0012)	ND (0.0012)	ND (0.00097)	ND (0.00096)	-	-	ND (0.0011)	ND (0.0014)	ND (0.0013)	ND (0.0018)	ND (0.0011)	ND (0.0014)	ND (0.0011)
4-Methyl-2-Pentanone (Methyl Isobutyl Ketone)	NA	-	-	ND (0.011)	ND (0.006)	ND (0.0061)	ND (0.006)	ND (0.0058)	ND (0.0049)	ND (0.0048)	-	-	ND (0.0056)	ND (0.007)	ND (0.0063)	ND (0.009)	ND (0.0055)	ND (0.0069)	ND (0.0057)
Acetone	500	-	-	ND (0.013)	ND (0.0072)	ND (0.0073)	ND (0.0072)	ND (0.007)	ND (0.0058)	ND (0.0058)	-	-	ND (0.0067)	ND (0.0084)	ND (0.0076)	ND (0.011)	ND (0.0066)	ND (0.0083)	ND (0.0068)
Benzene	44	-	-	ND (0.0022)	ND (0.0012)	ND (0.0012)	ND (0.0012)	ND (0.0012)	ND (0.00097)	ND (0.00096)	-	-	ND (0.0011)	ND (0.0014)	ND (0.0013)	ND (0.0018)	ND (0.0011)	ND (0.0014)	ND (0.0011)
Bromodichloromethane	NA	-	-	ND (0.0022)	ND (0.0012)	ND (0.0012)	ND (0.0012)	ND (0.0012)	ND (0.00097)	ND (0.00096)	-	-	ND (0.0011)	ND (0.0014)	ND (0.0013)	ND (0.0018)	ND (0.0011)	ND (0.0014)	ND (0.0011)
Bromoform	NA	-	-	ND (0.0022)	ND (0.0012)	ND (0.0012)	ND (0.0012)	ND (0.0012)	ND (0.00097)	ND (0.00096)	-	-	ND (0.0011)	ND (0.0014)	ND (0.0013)	ND (0.0018)	ND (0.0011)	ND (0.0014)	ND (0.0011)
Bromomethane (Methyl Bromide)	NA	-	-	ND (0.0044)	ND (0.0024)	ND (0.0024)	ND (0.0024)	ND (0.0023)	ND (0.0019)	ND (0.0019)	-	-	ND (0.0022)	ND (0.0028)	ND (0.0025)	ND (0.0036)	ND (0.0022)	ND (0.0028)	ND (0.0023)
Carbon disulfide	NA	-	-	ND (0.0022)	ND (0.0012)	ND (0.0012)	ND (0.0012)	ND (0.0012)	ND (0.00097)	ND (0.00096)	-	-	ND (0.0011)	ND (0.0014)	ND (0.0013)	ND (0.0018)	ND (0.0011)	ND (0.0014)	ND (0.0011)
Carbon tetrachloride	22	-	-	ND (0.0022)	ND (0.0012)	ND (0.0012)	ND (0.0012)	ND (0.0012)	ND (0.00097)	ND (0.00096)	-	-	ND (0.0011)	ND (0.0014)	ND (0.0013)	ND (0.0018)	ND (0.0011)	ND (0.0014)	ND (0.0011)
Chlorobenzene	500	-	-	ND (0.0022)	ND (0.0012)	ND (0.0012)	ND (0.0012)	ND (0.0012)	ND (0.00097)	ND (0.00096)	-	-	ND (0.0011)	ND (0.0014)	ND (0.0013)	ND (0.0018)	ND (0.0011)	ND (0.0014)	ND (0.0011)
Chlorobromomethane	NA	-	-	ND (0.0022)	ND (0.0012)	ND (0.0012)	ND (0.0012)	ND (0.0012)	ND (0.00097)	ND (0.00096)	-	-	ND (0.0011)	ND (0.0014)	ND (0.0013)	ND (0.0018)	ND (0.0011)	ND (0.0014)	ND (0.0011)
Chloroethane	NA	-	-	ND (0.0022)	ND (0.0012)	ND (0.0012)	ND (0.0012)	ND (0.0012)	ND (0.00097)	ND (0.00096)	-	-	ND (0.0011)	ND (0.0014)	ND (0.0013)	ND (0.0018)	ND (0.0011)	ND (0.0014)	ND (0.0011)
Chloroform (Trichloromethane)	350	-	-	ND (0.0022)	ND (0.0012)	ND (0.0012)	ND (0.0012)	ND (0.0012)	ND (0.00097)	ND (0.00096)	-	-	ND (0.0011)	ND (0.0014)	ND (0.0013)	ND (0.0018)	ND (0.0011)	ND (0.0014)	ND (0.0011)
Chloromethane (Methyl Chloride)	NA	-	-	ND (0.0022)	ND (0.0012)	ND (0.0012)	ND (0.0012)	ND (0.0012)	ND (0.00097)	ND (0.00096)	-	-	ND (0.0011)	ND (0.0014)	ND (0.0013)	ND (0.0018)	ND (0.0011)	ND (0.0014)	ND (0.0011)
cis-1,2-Dichloroethene	500	-	-	ND (0.0022)	ND (0.0012)	ND (0.0012)	ND (0.0012)	ND (0.0012)	ND (0.00097)	ND (0.00096)	-	-	ND (0.0011)	ND (0.0014)	ND (0.0013)	ND (0.0018)	ND (0.0011)	ND (0.0014)	ND (0.0011)
cis-1,3-Dichloropropene	NA	-	-	ND (0.0022)	ND (0.0012)	ND (0.0012)	ND (0.0012)	ND (0.0012)	ND (0.00097)	ND (0.00096)	-	-	ND (0.0011)	ND (0.0014)	ND (0.0013)	ND (0.0018)	ND (0.0011)	ND (0.0014)	ND (0.0011)
Cyclohexane	NA	-	-	ND (0.0022)	ND (0.0012)	ND (0.0012)	ND (0.0012)	ND (0.0012)	ND (0.00097)	ND (0.00096)	-	-	ND (0.0011)	ND (0.0014)	ND (0.0013)	ND (0.0018)	ND (0.0011)	ND (0.0014)	ND (0.0011)
Dibromochloromethane	NA	-	-	ND (0.0022)	ND (0.0012)	ND (0.0012)	ND (0.0012)	ND (0.0012)	ND (0.00097)	ND (0.00096)	-	-	ND (0.0011)	ND (0.0014)	ND (0.0013)	ND (0.0018)	ND (0.0011)	ND (0.0014)	ND (0.0011)
Dichlorodifluoromethane (CFC-12)	NA	-	-	ND (0.0022)	ND (0.0012)	ND (0.0012)	ND (0.0012)	ND (0.0012)	ND (0.00097)	ND (0.00096)	-	-	ND (0.0011)	ND (0.0014)	ND (0.0013)	ND (0.0018)	ND (0.0011)	ND (0.0014)	ND (0.0011)
Ethylbenzene	390	-	-	ND (0.0022)	ND (0.0012)	ND (0.0012)	ND (0.0012)	ND (0.0012)	ND (0.00097)	ND (0.00096)	-	-	ND (0.0011)	ND (0.0014)	ND (0.0013)	ND (0.0018)	ND (0.0011)	ND (0.0014)	ND (0.0011)
Isopropylbenzene (Cumene)	NA	-	-	ND (0.0022)	ND (0.0012)	ND (0.0012)	ND (0.0012)	ND (0.0012)	ND (0.00097)	ND (0.00096)	-	-	ND (0.0011)	ND (0.0014)	ND (0.0013)	ND (0.0018)	ND (0.0011)	ND (0.0014)	ND (0.0011)
m,p-Xylenes	NA	-	-	ND (0.0022)	ND (0.0012)	ND (0.0012)	ND (0.0012)	ND (0.0012)	ND (0.00097)	ND (0.00096)	-	-	ND (0.0011)	ND (0.0014)	ND (0.0013)	ND (0.0018)	ND (0.0011)	ND (0.0014)	ND (0.0011)
Methyl acetate	NA	-	-	ND (0.011)	ND (0.006)	ND (0.0061)	ND (0.006)	ND (0.0058)	ND (0.0049)	ND (0.0048)	-	-	ND (0.0056)	ND (0.007)	ND (0.0063)	ND (0.009)	ND (0.0055)	ND (0.0069)	ND (0.0057)
Methyl Tert Butyl Ether (MTBE)	500	-	-	ND (0.0022)	ND (0.0012)	ND (0.0012)	ND (0.0012)	ND (0.0012)	ND (0.00097)	ND (0.00096)	-	-	ND (0.0011)	ND (0.0014)	ND (0.0013)	ND (0.0018)	ND (0.0011)	ND (0.0014)	ND (0.0011)
Methylcyclohexane	NA	-	-	ND (0.0022)	ND (0.0012)	ND (0.0012)	ND (0.0012)	ND (0.0012)	ND (0.00097)	ND (0.00096)	-	-	ND (0.0011)	ND (0.0014)	ND (0.0013)	ND (0.0018)	ND (0.0011)	ND (0.0014)	ND (0.0011)
Methylene chloride (Dichloromethane)	500	-	-	ND (0.0044)	0.0022 J	ND (0.0024)	ND (0.0024)	0.002 J	0.0027	0.0019	-	-	0.0031	ND (0.0028)	ND (0.0025)	0.005	0.0029	0.0023 J	0.0015 J
n-Butylbenzene	500	-	-	ND (0.0022)	ND (0.0012)	ND (0.0012)	ND (0.0012)	ND (0.0012)	ND (0.00097)	ND (0.00096)	-	-	ND (0.0011)	ND (0.0014)	ND (0.0013)	ND (0.0018)	ND (0.0011)	ND (0.0014)	ND (0.0011)
n-Propylbenzene	500	-	-	ND (0.0022)	ND (0.0012)	ND (0.0012)	ND (0.0012)	ND (0.0012)	ND (0.00097)	ND (0.00096)	-	-	ND (0.0011)	ND (0.0014)	ND (0.0013)	ND (0.0018)	ND (0.0011)	ND (0.0014)	ND (0.0011)
o-Xylene	NA	-	-	ND (0.0022)	ND (0.0012)	ND (0.0012)	ND (0.0012)	ND (0.0012)	ND (0.00097)	ND (0.00096)	-	-	ND (0.0011)	ND (0.0014)	ND (0.0013)	ND (0.0018)	ND (0.0011)	ND (0.0014)	ND (0.0011)
Styrene	NA	-	-	ND (0.0022)	ND (0.0012)	ND (0.0012)	ND (0.0012)	ND (0.0012)	ND (0.00097)	ND (0.00096)	-	-	ND (0.0011)	ND (0.0014)	ND (0.0013)	ND (0.0018)	ND (0.0011)	ND (0.0014)	ND (0.0011)
tert-Butylbenzene	500	-	-	ND (0.0022)	ND (0.0012)	ND (0.0012)	ND (0.0012)	ND (0.0012)	ND (0.00097)	ND (0.00096)	-	-	ND (0.0011)	ND (0.0014)	ND (0.0013)	ND (0.0018)	ND (0.0011)	ND (0.0014)	ND (0.0011)
Tetrachloroethene	150	-	-	ND (0.0022)	ND (0.0012)	ND (0.0012)	ND (0.0012)	ND (0.0012)	ND (0.00097)	ND (0.00096)	-	-	ND (0.0011)	ND (0.0014)	ND (0.0013)	ND (0.0018)	ND (0.0011)	ND (0.0014)	ND (0.0011)
Toluene	500	-	-	ND (0.0022)	ND (0.0012)	ND (0.0012)	ND (0.0012)	ND (0.0012)	ND (0.00097)	ND (0.00096)	-	-	ND (0.0011)	ND (0.0014)	ND (0.0013)	ND (0.0018)	ND (0.0011)	ND (0.0014)	ND (0.0011)
trans-1,2-Dichloroethene	500	-	-	ND (0.0022)	ND (0.0012)	ND (0.0012)	ND (0.0012)	ND (0.0012)	ND (0.00097)	ND (0.00096)	-	-	ND (0.0011)	ND (0.0014)	ND (0.0013)	ND (0.0018)	ND (0.0011)	ND (0.0014)	ND (0.0011)
trans-1,3-Dichloropropene	NA	-	-	ND (0.0022)	ND (0.0012)	ND (0.0012)	ND (0.0012)	ND (0.0012)	ND (0.00097)	ND (0.00096)	-	-	ND (0.0011)	ND (0.0014)	ND (0.0013)	ND (0.0018)	ND (0.0011)	ND (0.0014)	ND (0.0011)
Trichloroethene	200	-	-	ND (0.0022)	ND (0.0012)	ND (0.0012)	ND (0.0012)	ND (0.0012)	ND (0.00097)	ND (0.00096)	-	-	ND (0.0011)	ND (0.0014)	ND (0.0013)	ND (0.0018)	ND (0.0011)	ND (0.0014)	ND (0.0011)
Trichlorofluoromethane (CFC-11)	NA	-	-	ND (0.0022)	ND (0.0012)	ND (0.0012)	ND (0.0012)	ND (0.0012)	ND (0.00097)	ND (0.00096)	-	-	ND (0.0011)	ND (0.0014)	ND (0.0013)	ND (0.0018)	ND (0.0011)	ND (0.0014)	ND (0.0011)
Trifluorotrichloroethane (Freon 113)	NA	-	-	ND (0.0022)	ND (0.0012)	ND (0.0012)	ND (0.0012)	ND (0.0012)	ND (0.00097)	ND (0.00096)	-	-	ND (0.0011)	ND (0.0014)	ND (0.0013)	ND (0.0018)	ND (0.0011)	ND (0.0014)	ND (0.0011)
Vinyl chloride	13	-	-	ND (0.0022)	ND (0.0012)	ND (0.0012)	ND (0.0012)	ND (0.0012)	ND (0.00097)	ND (0.00096)	-	-	ND (0.0011)	ND (0.0014)	ND (0.0013)	ND (0.0018)	ND (0.0011)	ND (0.0014)	ND (0.0011)
Xylene (Total)	500	-	-	ND (0.0044)	ND (0.0024)	ND (0.0024)	ND (0.0024)	ND (0.0023)	ND (0.0019)	ND (0.0019)	-	-	ND (0.0022)	ND (0.0028)	ND (0.0025)	ND (0.0036)	ND (0.0022)	ND (0.0028)	ND (0.0023)

TABLE 24
SUMMARY OF SOIL QUALITY DATA - BERM 59
FORMER PORT MOBIL TERMINAL
STATEN ISLAND, NEW YORK
FILE NO. 0208998

	Criteria																		
Location Name	NY Part 375	59E	59E	59E1	59E1	59E1	59E2	59E2	59E3	59E3	59F	59F	59F1	59F1	59F1	59F2	59F2	59F3	59F3
Sample Name	Commercial	59E_0-6	59E_6-12	59E1_1-2	59E1_6-7	59E1_11-12	59E2_2-3	59E2_8-9	59E3_4-5	59E3_9-10	59F_0-6	59F_6-12	59F1_1-2	59F1_5-6	59F1_11-12	59F2_3-4	59F2_7-8	59F3_4-5	59F3_9-10
Sample Date	Use	09/29/2025	09/29/2025	09/29/2025	09/29/2025	09/29/2025	09/29/2025	09/29/2025	09/29/2025	09/29/2025	09/29/2025	09/29/2025	09/29/2025	09/29/2025	09/29/2025	09/29/2025	09/29/2025	09/29/2025	09/29/2025
Lab Sample ID	Soil Cleanup	460-335975-9	460-335975-10	460-335975-45	460-335975-48	460-335975-51	460-335975-46	460-335975-49	460-335975-47	460-335975-50	460-335975-11	460-335975-12	460-335975-52	460-335975-55	460-335975-58	460-335975-53	460-335975-56	460-335975-54	460-335975-57
Sample Depth (bgs)	Objectives	0 - 6 (ft)	6 - 12 (ft)	1 - 2 (ft)	6 - 7 (ft)	11 - 12 (ft)	2 - 3 (ft)	8 - 9 (ft)	4 - 5 (ft)	9 - 10 (ft)	0 - 6 (ft)	6 - 12 (ft)	1 - 2 (ft)	5 - 6 (ft)	11 - 12 (ft)	3 - 4 (ft)	7 - 8 (ft)	4 - 5 (ft)	9 - 10 (ft)
Semi-Volatile Organic Compounds (mg/kg)																			
1,2,4,5-Tetrachlorobenzene	NA	ND (0.35)	ND (0.37)	-	-	-	-	-	-	-	ND (0.34)	ND (0.35)	-	-	-	-	-	-	-
1,4-Dioxane	130	ND (0.035)	ND (0.037)	-	-	-	-	-	-	-	ND (0.034)	ND (0.035)	-	-	-	-	-	-	-
2,2'-oxybis(1-Chloropropane)	NA	ND (0.35)	ND (0.37)	-	-	-	-	-	-	-	ND (0.34)	ND (0.35)	-	-	-	-	-	-	-
2,3,4,6-Tetrachlorophenol	NA	ND (0.35)	ND (0.37)	-	-	-	-	-	-	-	ND (0.34)	ND (0.35)	-	-	-	-	-	-	-
2,4,5-Trichlorophenol	NA	ND (0.35)	ND (0.37)	-	-	-	-	-	-	-	ND (0.34)	ND (0.35)	-	-	-	-	-	-	-
2,4,6-Trichlorophenol	NA	ND (0.14)	ND (0.15)	-	-	-	-	-	-	-	ND (0.14)	ND (0.14)	-	-	-	-	-	-	-
2,4-Dichlorophenol	NA	ND (0.14)	ND (0.15)	-	-	-	-	-	-	-	ND (0.14)	ND (0.14)	-	-	-	-	-	-	-
2,4-Dimethylphenol	NA	ND (0.35)	ND (0.37)	-	-	-	-	-	-	-	ND (0.34)	ND (0.35)	-	-	-	-	-	-	-
2,4-Dinitrophenol	NA	ND (0.28)	ND (0.3)	-	-	-	-	-	-	-	ND (0.27)	ND (0.28)	-	-	-	-	-	-	-
2,4-Dinitrotoluene	NA	ND (0.072)	ND (0.075)	-	-	-	-	-	-	-	ND (0.069)	ND (0.071)	-	-	-	-	-	-	-
2,6-Dinitrotoluene	NA	ND (0.072)	ND (0.075)	-	-	-	-	-	-	-	ND (0.069)	ND (0.071)	-	-	-	-	-	-	-
2-Chloronaphthalene	NA	ND (0.35)	ND (0.37)	-	-	-	-	-	-	-	ND (0.34)	ND (0.35)	-	-	-	-	-	-	-
2-Chlorophenol	NA	ND (0.35)	ND (0.37)	-	-	-	-	-	-	-	ND (0.34)	ND (0.35)	-	-	-	-	-	-	-
2-Methylnaphthalene	NA	ND (0.35)	ND (0.37)	-	-	-	-	-	-	-	ND (0.34)	ND (0.35)	-	-	-	-	-	-	-
2-Methylphenol (o-Cresol)	500	ND (0.35)	ND (0.37)	-	-	-	-	-	-	-	ND (0.34)	ND (0.35)	-	-	-	-	-	-	-
2-Nitroaniline	NA	ND (0.35)	ND (0.37)	-	-	-	-	-	-	-	ND (0.34)	ND (0.35)	-	-	-	-	-	-	-
2-Nitrophenol	NA	ND (0.35)	ND (0.37)	-	-	-	-	-	-	-	ND (0.34)	ND (0.35)	-	-	-	-	-	-	-
3&4-Methylphenol	NA	ND (0.35)	ND (0.37)	-	-	-	-	-	-	-	ND (0.34)	ND (0.35)	-	-	-	-	-	-	-
3,3'-Dichlorobenzidine	NA	ND (0.14)	ND (0.15)	-	-	-	-	-	-	-	ND (0.14)	ND (0.14)	-	-	-	-	-	-	-
3-Nitroaniline	NA	ND (0.35)	ND (0.37)	-	-	-	-	-	-	-	ND (0.34)	ND (0.35)	-	-	-	-	-	-	-
4,6-Dinitro-2-methylphenol	NA	ND (0.28)	ND (0.3)	-	-	-	-	-	-	-	ND (0.27)	ND (0.28)	-	-	-	-	-	-	-
4-Bromophenyl phenyl ether (BDE-3)	NA	ND (0.35)	ND (0.37)	-	-	-	-	-	-	-	ND (0.34)	ND (0.35)	-	-	-	-	-	-	-
4-Chloro-3-methylphenol	NA	ND (0.35)	ND (0.37)	-	-	-	-	-	-	-	ND (0.34)	ND (0.35)	-	-	-	-	-	-	-
4-Chloroaniline	NA	ND (0.35)	ND (0.37)	-	-	-	-	-	-	-	ND (0.34)	ND (0.35)	-	-	-	-	-	-	-
4-Chlorophenyl phenyl ether	NA	ND (0.35)	ND (0.37)	-	-	-	-	-	-	-	ND (0.34)	ND (0.35)	-	-	-	-	-	-	-
4-Methylphenol	500	ND (0.35)	ND (0.37)	-	-	-	-	-	-	-	ND (0.34)	ND (0.35)	-	-	-	-	-	-	-
4-Nitroaniline	NA	ND (0.35)	ND (0.37)	-	-	-	-	-	-	-	ND (0.34)	ND (0.35)	-	-	-	-	-	-	-
4-Nitrophenol	NA	ND (0.72)	ND (0.75)	-	-	-	-	-	-	-	ND (0.69)	ND (0.71)	-	-	-	-	-	-	-
Acenaphthene	500	ND (0.35)	ND (0.37)	-	-	-	-	-	-	-	ND (0.34)	ND (0.35)	-	-	-	-	-	-	-
Acenaphthylene	500	ND (0.35)	ND (0.37)	-	-	-	-	-	-	-	ND (0.34)	ND (0.35)	-	-	-	-	-	-	-
Acetophenone	NA	ND (0.35)	ND (0.37)	-	-	-	-	-	-	-	ND (0.34)	ND (0.35)	-	-	-	-	-	-	-
Anthracene	500	ND (0.35)	ND (0.37)	-	-	-	-	-	-	-	ND (0.34)	ND (0.35)	-	-	-	-	-	-	-
Atrazine	NA	ND (0.14)	ND (0.15)	-	-	-	-	-	-	-	ND (0.14)	ND (0.14)	-	-	-	-	-	-	-
Benzaldehyde	NA	ND (0.35)	ND (0.37)	-	-	-	-	-	-	-	ND (0.34)	ND (0.35)	-	-	-	-	-	-	-
Benzo(a)anthracene	5.6	ND (0.035)	ND (0.037)	-	-	-	-	-	-	-	ND (0.034)	ND (0.035)	-	-	-	-	-	-	-
Benzo(a)pyrene	1	ND (0.035)	ND (0.037)	-	-	-	-	-	-	-	ND (0.034)	ND (0.035)	-	-	-	-	-	-	-
Benzo(b)fluoranthene	5.6	ND (0.035)	ND (0.037)	-	-	-	-	-	-	-	ND (0.034)	ND (0.035)	-	-	-	-	-	-	-
Benzo(g,h,i)perylene	500	ND (0.35)	ND (0.37)	-	-	-	-	-	-	-	ND (0.34)	ND (0.35)	-	-	-	-	-	-	-
Benzo(k)fluoranthene	56	ND (0.035)	ND (0.037)	-	-	-	-	-	-	-	ND (0.034)	ND (0.035)	-	-	-	-	-	-	-
Biphenyl	NA	ND (0.35)	ND (0.37)	-	-	-	-	-	-	-	ND (0.34)	ND (0.35)	-	-	-	-	-	-	-
bis(2-Chloroethoxy)methane	NA	ND (0.35)	ND (0.37)	-	-	-	-	-	-	-	ND (0.34)	ND (0.35)	-	-	-	-	-	-	-
bis(2-Chloroethyl)ether	NA	ND (0.035)	ND (0.037)	-	-	-	-	-	-	-	ND (0.034)	ND (0.035)	-	-	-	-	-	-	-
bis(2-Ethylhexyl)phthalate	NA	ND (0.35)	ND (0.37)	-	-	-	-	-	-	-	ND (0.34)	ND (0.35)	-	-	-	-	-	-	-
Butyl benzylphthalate (BBP)	NA	ND (0.35)	ND (0.37)	-	-	-	-	-	-	-	ND (0.34)	ND (0.35)	-	-	-	-	-	-	-
Caprolactam	NA	ND (0.35)	ND (0.37)	-	-	-	-	-	-	-	ND (0.34)	ND (0.35)	-	-	-	-	-	-	-
Carbazole	NA	ND (0.35)	ND (0.37)	-	-	-	-	-	-	-	ND (0.34)	ND (0.35)	-	-	-	-	-	-	-
Chrysene	56	ND (0.35)	ND (0.37)	-	-	-	-	-	-	-	ND (0.34)	ND (0.35)	-	-	-	-	-	-	-
Dibenz(a,h)anthracene	0.56	ND (0.035)	ND (0.037)	-	-	-	-	-	-	-	ND (0.034)	ND (0.035)	-	-	-	-	-	-	-
Dibenzofuran	350	ND (0.35)	ND (0.37)	-	-	-	-	-	-	-	ND (0.34)	ND (0.35)	-	-	-	-	-	-	-
Diethyl phthalate	NA	ND (0.35)	ND (0.37)	-	-	-	-	-	-	-	ND (0.34)	ND (0.35)	-	-	-	-	-	-	-
Dimethyl phthalate	NA	ND (0.35)	ND (0.37)	-	-	-	-	-	-	-	ND (0.34)	ND (0.35)	-	-	-	-	-	-	-
Di-n-butylphthalate (DBP)	NA	ND (0.35)	ND (0.37)	-	-	-	-	-	-	-	ND (0.34)	ND (0.35)	-	-	-	-	-	-	-
Di-n-octyl phthalate (DnOP)	NA	ND (0.35)	ND (0.37)	-	-	-	-	-	-	-	ND (0.34)	ND (0.35)	-	-	-	-	-	-	-
Fluoranthene	500	ND (0.35)	ND (0.37)	-	-	-	-	-	-	-	ND (0.34)	ND (0.35)	-	-	-	-	-	-	-
Fluorene	500	ND (0.35)	ND (0.37)	-	-	-	-	-	-	-	ND (0.34)	ND (0.35)	-	-	-	-	-	-	-
Hexachlorobenzene	6	ND (0.035)	ND (0.037)	-	-	-	-	-	-	-	ND (0.034)	ND (0.035)	-	-	-	-	-	-	-
Hexachlorobutadiene	NA	ND (0.072)	ND (0.075)	-	-	-	-	-	-	-	ND (0.069)	ND (0.071)	-	-	-	-	-	-	-
Hexachlorocyclopentadiene	NA	ND (0.35)	ND (0.37)	-	-	-	-	-	-	-	ND (0.34)	ND (0.35)	-	-	-	-	-	-	-
Hexachloroethane	NA	ND (0.035)	ND (0.037)	-	-	-	-	-	-	-	ND (0.034)	ND (0.035)	-	-	-	-	-	-	-
Indeno(1,2,3-cd)pyrene	5.6	ND (0.035)	ND (0.037)	-	-	-	-	-	-	-	ND (0.034)	ND (0.035)	-	-	-	-	-	-	-
Isophorone	NA	ND (0.14)	ND (0.15)	-	-	-	-	-	-	-	ND (0.14)	ND (0.14)	-	-	-	-	-	-	-
Naphthalene	500	ND (0.35)	ND (0.37)	-	-	-	-	-	-	-	ND (0.34)	ND (0.35)	-	-	-	-	-	-	-
Nitrobenzene	NA	ND (0.035)	ND (0.037)	-	-	-	-	-	-	-	ND (0.034)	ND (0.035)	-	-	-	-	-	-	-
N-Nitrosodi-n-propylamine	NA	ND (0.035)	ND (0.037)	-	-	-	-	-	-	-	ND (0.034)	ND (0.035)	-	-	-	-	-	-	-
N-Nitrosodiphenylamine	NA	ND (0.35)	ND (0.37)	-	-	-	-	-	-	-	ND (0.34)	ND (0.35)	-	-	-	-	-	-	-
Pentachlorophenol	6.7	ND (0.28)	ND (0.3)	-	-	-	-	-	-	-	ND (0.27)	ND (0.28)	-	-	-	-	-	-	-
Phenanthrene	500	ND (0.35)	ND (0.37)	-	-	-	-	-	-	-	ND (0.34)	ND (0.35)	-	-	-	-	-	-	-
Phenol	500	ND (0.35)	ND (0.37)	-	-	-	-	-	-	-	ND (0.34)	ND (0.35)	-	-	-	-	-	-	-
Pyrene	500	0.012 J	ND (0.37)	-	-	-	-	-	-	-	ND (0.34)	ND (0.35)	-	-	-	-	-	-	-

TABLE 24
SUMMARY OF SOIL QUALITY DATA - BERM 59
FORMER PORT MOBIL TERMINAL
STATEN ISLAND, NEW YORK
FILE NO. 0208998

	Criteria																		
Location Name	NY Part 375	59E	59E	59E1	59E1	59E1	59E2	59E2	59E3	59E3	59F	59F	59F1	59F1	59F1	59F2	59F2	59F3	59F3
Sample Name	Commercial	59E_0-6	59E_6-12	59E1_1-2	59E1_6-7	59E1_11-12	59E2_2-3	59E2_8-9	59E3_4-5	59E3_9-10	59F_0-6	59F_6-12	59F1_1-2	59F1_5-6	59F1_11-12	59F2_3-4	59F2_7-8	59F3_4-5	59F3_9-10
Sample Date	Use	09/29/2025	09/29/2025	09/29/2025	09/29/2025	09/29/2025	09/29/2025	09/29/2025	09/29/2025	09/29/2025	09/29/2025	09/29/2025	09/29/2025	09/29/2025	09/29/2025	09/29/2025	09/29/2025	09/29/2025	09/29/2025
Lab Sample ID	Soil Cleanup	460-335975-9	460-335975-10	460-335975-45	460-335975-48	460-335975-51	460-335975-46	460-335975-49	460-335975-47	460-335975-50	460-335975-11	460-335975-12	460-335975-52	460-335975-55	460-335975-58	460-335975-53	460-335975-56	460-335975-54	460-335975-57
Sample Depth (bgs)	Objectives	0 - 6 (ft)	6 - 12 (ft)	1 - 2 (ft)	6 - 7 (ft)	11 - 12 (ft)	2 - 3 (ft)	8 - 9 (ft)	4 - 5 (ft)	9 - 10 (ft)	0 - 6 (ft)	6 - 12 (ft)	1 - 2 (ft)	5 - 6 (ft)	11 - 12 (ft)	3 - 4 (ft)	7 - 8 (ft)	4 - 5 (ft)	9 - 10 (ft)
PFAS (mg/kg)																			
11-Chloroeicosafluoro-3-Oxaundecane-1-Sulfonic Acid (11Cl-PF3OUdS)	NA	ND (0.00019)	ND (0.0002)	-	-	-	-	-	-	-	ND (0.00019)	ND (0.00019)	-	-	-	-	-	-	-
2H,2H,3H,3H-Perfluorooctanoic acid (5:3 FTCA)	NA	ND (0.00095)	ND (0.001)	-	-	-	-	-	-	-	ND (0.00095)	ND (0.00097)	-	-	-	-	-	-	-
3-(Perfluoroheptyl)propanoic acid (7:3 FTCA)	NA	ND (0.00095)	ND (0.001)	-	-	-	-	-	-	-	ND (0.00095)	ND (0.00097)	-	-	-	-	-	-	-
3:3 Fluorotelomer carboxylic acid (3:3 FTCA)	NA	ND (0.00038)	ND (0.0004)	-	-	-	-	-	-	-	ND (0.00038)	ND (0.00039)	-	-	-	-	-	-	-
4,8-Dioxa-3H-Perfluorononanoic Acid (ADONA)	NA	ND (0.00019)	ND (0.0002)	-	-	-	-	-	-	-	ND (0.00019)	ND (0.00019)	-	-	-	-	-	-	-
4:2 Fluorotelomer sulfonic acid (4:2 FTS)	NA	ND (0.00038)	ND (0.0004)	-	-	-	-	-	-	-	ND (0.00038)	ND (0.00039)	-	-	-	-	-	-	-
6:2 Fluorotelomer sulfonic acid (6:2 FTS)	NA	ND (0.00038)	ND (0.0004)	-	-	-	-	-	-	-	ND (0.00038)	ND (0.00039)	-	-	-	-	-	-	-
8:2 Fluorotelomer sulfonic acid (8:2 FTS)	NA	ND (0.00038)	0.00021 J	-	-	-	-	-	-	-	ND (0.00038)	0.00019 J	-	-	-	-	-	-	-
9-Chlorohexadecafluoro-3-Oxanone-1-Sulfonic Acid (9Cl-PF3ONS)	NA	ND (0.00019)	ND (0.0002)	-	-	-	-	-	-	-	ND (0.00019)	ND (0.00019)	-	-	-	-	-	-	-
N-Ethyl Perfluorooctanesulfonamidoacetic Acid (NEtFOSAA)	NA	ND (0.00019)	ND (0.0002)	-	-	-	-	-	-	-	ND (0.00019)	ND (0.00019)	-	-	-	-	-	-	-
N-Ethylperfluorooctane sulfonamide (N-EtFOSA)	NA	ND (0.00019)	ND (0.0002)	-	-	-	-	-	-	-	ND (0.00019)	ND (0.00019)	-	-	-	-	-	-	-
N-Ethylperfluorooctane sulfonamidoethanol (N-EtFOSE)	NA	ND (0.00095)	ND (0.001)	-	-	-	-	-	-	-	ND (0.00095)	ND (0.00097)	-	-	-	-	-	-	-
N-Methyl Perfluorooctanesulfonamidoacetic Acid (NMeFOSAA)	NA	ND (0.00019)	ND (0.0002)	-	-	-	-	-	-	-	ND (0.00019)	ND (0.00019)	-	-	-	-	-	-	-
N-Methylperfluorooctane sulfonamide (N-MeFOSA)	NA	ND (0.00019)	ND (0.0002)	-	-	-	-	-	-	-	ND (0.00019)	ND (0.00019)	-	-	-	-	-	-	-
N-Methylperfluorooctane sulfonamidoethanol (N-MeFOSE)	NA	ND (0.00095)	ND (0.001)	-	-	-	-	-	-	-	ND (0.00095)	ND (0.00097)	-	-	-	-	-	-	-
Nonafluoro-3,6-dioxaheptanoic acid (NFDHA)	NA	ND (0.00019)	ND (0.0002)	-	-	-	-	-	-	-	ND (0.00019)	ND (0.00019)	-	-	-	-	-	-	-
Perfluoro(2-ethoxyethane) sulphonic acid (PFEESA)	NA	ND (0.00019)	ND (0.0002)	-	-	-	-	-	-	-	ND (0.00019)	ND (0.00019)	-	-	-	-	-	-	-
Perfluoro(4-methoxybutanoic) acid (PFMBA)	NA	ND (0.00019)	ND (0.0002)	-	-	-	-	-	-	-	ND (0.00019)	ND (0.00019)	-	-	-	-	-	-	-
Perfluoro-2-propoxypropanoic acid (PFPrOPrA)(GenX) (HFPO-DA)	NA	ND (0.00019)	ND (0.0002)	-	-	-	-	-	-	-	ND (0.00019)	ND (0.00019)	-	-	-	-	-	-	-
Perfluoro-3-methoxypropanoic acid (PFMPA)	NA	ND (0.00019)	ND (0.0002)	-	-	-	-	-	-	-	ND (0.00019)	ND (0.00019)	-	-	-	-	-	-	-
Perfluorobutanesulfonic acid (PFBS)	NA	ND (0.00019)	ND (0.0002)	-	-	-	-	-	-	-	ND (0.00019)	ND (0.00019)	-	-	-	-	-	-	-
Perfluorobutanoic acid (PFBA)	NA	ND (0.00038)	ND (0.0004)	-	-	-	-	-	-	-	0.00012 J	ND (0.00039)	-	-	-	-	-	-	-
Perfluorodecanesulfonic acid (PFDS)	NA	ND (0.00019)	ND (0.0002)	-	-	-	-	-	-	-	ND (0.00019)	ND (0.00019)	-	-	-	-	-	-	-
Perfluorodecanoic acid (PFDA)	NA	0.00045	0.00057	-	-	-	-	-	-	-	0.00023	0.00027	-	-	-	-	-	-	-
Perfluorododecane sulfonic acid (PFDoDS)	NA	ND (0.00019)	ND (0.0002)	-	-	-	-	-	-	-	ND (0.00019)	ND (0.00019)	-	-	-	-	-	-	-
Perfluorododecanoic acid (PFDoDA)	NA	0.00028	0.00036	-	-	-	-	-	-	-	0.00013 J	0.00023	-	-	-	-	-	-	-
Perfluoroheptanesulfonic acid (PFHpS)	NA	ND (0.00019)	ND (0.0002)	-	-	-	-	-	-	-	ND (0.00019)	ND (0.00019)	-	-	-	-	-	-	-
Perfluoroheptanoic acid (PFHpA)	NA	0.00013 J	ND (0.0002)	-	-	-	-	-	-	-	0.00019	ND (0.00019)	-	-	-	-	-	-	-
Perfluorohexanesulfonic acid (PFHxS)	NA	ND (0.00019)	ND (0.0002)	-	-	-	-	-	-	-	ND (0.00019)	ND (0.00019)	-	-	-	-	-	-	-
Perfluorohexanoic acid (PFHxA)	NA	ND (0.00019)	ND (0.0002)	-	-	-	-	-	-	-	0.00015 J	ND (0.00019)	-	-	-	-	-	-	-
Perfluorononane sulfonic acid (PFNS)	NA	ND (0.00019)	ND (0.0002)	-	-	-	-	-	-	-	ND (0.00019)	ND (0.00019)	-	-	-	-	-	-	-
Perfluorononanoic acid (PFNA)	NA	0.00145	0.0017	-	-	-	-	-	-	-	0.00046	0.00056	-	-	-	-	-	-	-
Perfluorooctane sulfonamide (PFOSA)	NA	ND (0.00019)	ND (0.0002)	-	-	-	-	-	-	-	ND (0.00019)	ND (0.00019)	-	-	-	-	-	-	-
Perfluorooctanesulfonic acid (PFOS)	0.44	0.00013 J	0.0002	-	-	-	-	-	-	-	ND (0.00019)	ND (0.00019)	-	-	-	-	-	-	-
Perfluorooctanoic acid (PFOA)	0.5	0.00035	0.00024	-	-	-	-	-	-	-	0.00024	0.00012 J	-	-	-	-	-	-	-
Perfluoropentanesulfonic acid (PFPeS)	NA	ND (0.00019)	ND (0.0002)	-	-	-	-	-	-	-	ND (0.00019)	ND (0.00019)	-	-	-	-	-	-	-
Perfluoropentanoic acid (PFPeA)	NA	ND (0.00019)	ND (0.0002)	-	-	-	-	-	-	-	0.0003	ND (0.00019)	-	-	-	-	-	-	-
Perfluorotetradecanoic acid (PFTeDA)	NA	0.00015 J	0.00012 J	-	-	-	-	-	-	-	ND (0.00019)	0.000098 J	-	-	-	-	-	-	-
Perfluorotridecanoic acid (PFTrDA)	NA	0.00218	0.00272	-	-	-	-	-	-	-	0.00382	0.0018	-	-	-	-	-	-	-
Perfluoroundecanoic acid (PFUnDA)	NA	0.00224	0.0038	-	-	-	-	-	-	-	0.00112	0.00171	-	-	-	-	-	-	-
Pesticides (mg/kg)																			
4,4'-DDD	92	ND (0.0072)	ND (0.0075)	-	-	-	-	-	-	-	ND (0.0069)	ND (0.0071)	-	-	-	-	-	-	-
4,4'-DDE	62	ND (0.0072)	ND (0.0075)	-	-	-	-	-	-	-	ND (0.0069)	ND (0.0071)	-	-	-	-	-	-	-
4,4'-DDT	47	ND (0.0072)	ND (0.0075)	-	-	-	-	-	-	-	ND (0.0069)	ND (0.0071)	-	-	-	-	-	-	-
Aldrin	0.68	ND (0.0072)	ND (0.0075)	-	-	-	-	-	-	-	ND (0.0069)	ND (0.0071)	-	-	-	-	-	-	-
alpha-BHC	3.4	ND (0.0021)	ND (0.0022)	-	-	-	-	-	-	-	ND (0.0021)	ND (0.0021)	-	-	-	-	-	-	-
alpha-Chlordane (cis)	24	ND (0.0072)	ND (0.0075)	-	-	-	-	-	-	-	ND (0.0069)	ND (0.0071)	-	-	-	-	-	-	-
beta-BHC	3	ND (0.0021)	ND (0.0022)	-	-	-	-	-	-	-	ND (0.0021)	ND (0.0021)	-	-	-	-	-	-	-
Chlordane	NA	ND (0.072)	ND (0.075)	-	-	-	-	-	-	-	ND (0.069)	ND (0.071)	-	-	-	-	-	-	-
delta-BHC	500	ND (0.0021)	ND (0.0022)	-	-	-	-	-	-	-	ND (0.0021)	ND (0.0021)	-	-	-	-	-	-	-
Dieldrin	1.4	ND (0.0021)	ND (0.0022)	-	-	-	-	-	-	-	ND (0.0021)	ND (0.0021)	-	-	-	-	-	-	-
Endosulfan I	200	ND (0.0072)	ND (0.0075)	-	-	-	-	-	-	-	ND (0.0069)	ND (0.0071)	-	-	-	-	-	-	-
Endosulfan II	200	ND (0.0072)	ND (0.0075)	-	-	-	-	-	-	-	ND (0.0069)	ND (0.0071)	-	-	-	-	-	-	-
Endosulfan sulfate	200	ND (0.0072)	ND (0.0075)	-	-	-	-	-	-	-	ND (0.0069)	ND (0.0071)	-	-	-	-	-	-	-
Endrin	89	ND (0.0072)	ND (0.0075)	-	-	-	-	-	-	-	ND (0.0069)	ND (0.0071)	-	-	-	-	-	-	-
Endrin aldehyde	NA	ND (0.0072)	ND (0.0075)	-	-	-	-	-	-	-	ND (0.0069)	ND (0.0071)	-	-	-	-	-	-	-
Endrin ketone	NA	ND (0.0072)	ND (0.0075)	-	-	-	-	-	-	-	ND (0.0069)	ND (0.0071)	-	-	-	-	-	-	-
gamma-BHC (Lindane)	9.2	ND (0.0021)	ND (0.0022)	-	-	-	-	-	-	-	ND (0.0021)	ND (0.0021)	-	-	-	-	-	-	-
Heptachlor	15	ND (0.0072)	ND (0.0075)	-	-	-	-	-	-	-	ND (0.0069)	ND (0.0071)	-	-	-	-	-	-	-
Heptachlor epoxide	NA	ND (0.0072)	ND (0.0075)	-	-	-	-	-	-	-	ND (0.0069)	ND (0.0071)	-	-	-	-	-	-	-
Methoxychlor	NA	ND (0.0072)	ND (0.0075)	-	-	-	-	-	-	-	ND (0.0069)	ND (0.0071)	-	-	-	-	-	-	-
Toxaphene	NA	ND (0.072)	ND (0.075)	-	-	-	-	-	-	-	ND (0.069)	ND (0.071)	-	-	-	-	-	-	-

TABLE 24
SUMMARY OF SOIL QUALITY DATA - BERM 59
FORMER PORT MOBIL TERMINAL
STATEN ISLAND, NEW YORK
FILE NO. 0208998

	Criteria																		
Location Name	NY Part 375	59E	59E	59E1	59E1	59E1	59E2	59E2	59E3	59E3	59F	59F	59F1	59F1	59F1	59F2	59F2	59F3	59F3
Sample Name	Commercial	59E_0-6	59E_6-12	59E1_1-2	59E1_6-7	59E1_11-12	59E2_2-3	59E2_8-9	59E3_4-5	59E3_9-10	59F_0-6	59F_6-12	59F1_1-2	59F1_5-6	59F1_11-12	59F2_3-4	59F2_7-8	59F3_4-5	59F3_9-10
Sample Date	Use	09/29/2025	09/29/2025	09/29/2025	09/29/2025	09/29/2025	09/29/2025	09/29/2025	09/29/2025	09/29/2025	09/29/2025	09/29/2025	09/29/2025	09/29/2025	09/29/2025	09/29/2025	09/29/2025	09/29/2025	09/29/2025
Lab Sample ID	Soil Cleanup	460-335975-9	460-335975-10	460-335975-45	460-335975-48	460-335975-51	460-335975-46	460-335975-49	460-335975-47	460-335975-50	460-335975-11	460-335975-12	460-335975-52	460-335975-55	460-335975-58	460-335975-53	460-335975-56	460-335975-54	460-335975-57
Sample Depth (bgs)	Objectives	0 - 6 (ft)	6 - 12 (ft)	1 - 2 (ft)	6 - 7 (ft)	11 - 12 (ft)	2 - 3 (ft)	8 - 9 (ft)	4 - 5 (ft)	9 - 10 (ft)	0 - 6 (ft)	6 - 12 (ft)	1 - 2 (ft)	5 - 6 (ft)	11 - 12 (ft)	3 - 4 (ft)	7 - 8 (ft)	4 - 5 (ft)	9 - 10 (ft)
Polychlorinated Biphenyls (mg/kg)																			
Aroclor-1016 (PCB-1016)	NA	ND (0.072)	ND (0.075)	-	-	-	-	-	-	-	ND (0.069)	ND (0.071)	-	-	-	-	-	-	-
Aroclor-1221 (PCB-1221)	NA	ND (0.072)	ND (0.075)	-	-	-	-	-	-	-	ND (0.069)	ND (0.071)	-	-	-	-	-	-	-
Aroclor-1232 (PCB-1232)	NA	ND (0.072)	ND (0.075)	-	-	-	-	-	-	-	ND (0.069)	ND (0.071)	-	-	-	-	-	-	-
Aroclor-1242 (PCB-1242)	NA	ND (0.072)	ND (0.075)	-	-	-	-	-	-	-	ND (0.069)	ND (0.071)	-	-	-	-	-	-	-
Aroclor-1248 (PCB-1248)	NA	ND (0.072)	ND (0.075)	-	-	-	-	-	-	-	ND (0.069)	ND (0.071)	-	-	-	-	-	-	-
Aroclor-1254 (PCB-1254)	NA	ND (0.072)	ND (0.075)	-	-	-	-	-	-	-	ND (0.069)	ND (0.071)	-	-	-	-	-	-	-
Aroclor-1260 (PCB-1260)	NA	ND (0.072)	ND (0.075)	-	-	-	-	-	-	-	ND (0.069)	ND (0.071)	-	-	-	-	-	-	-
Aroclor-1262 (PCB-1262)	NA	ND (0.072)	ND (0.075)	-	-	-	-	-	-	-	ND (0.069)	ND (0.071)	-	-	-	-	-	-	-
Aroclor-1268 (PCB-1268)	NA	ND (0.072)	ND (0.075)	-	-	-	-	-	-	-	ND (0.069)	ND (0.071)	-	-	-	-	-	-	-
Total PCBs	1	ND (0.072)	ND (0.075)	-	-	-	-	-	-	-	ND (0.069)	ND (0.071)	-	-	-	-	-	-	-
Inorganic Compounds (mg/kg)																			
Aluminum	NA	4690	5680	-	-	-	-	-	-	-	4600	4700	-	-	-	-	-	-	-
Antimony	NA	4.2	1.8	-	-	-	-	-	-	-	1.4	2.4	-	-	-	-	-	-	-
Arsenic	16	13.6	7.9	-	-	-	-	-	-	-	7	11.6	-	-	-	-	-	-	-
Barium	400	50.4	45	-	-	-	-	-	-	-	24.6	28.7	-	-	-	-	-	-	-
Beryllium	590	0.57	0.57	-	-	-	-	-	-	-	0.5	0.52	-	-	-	-	-	-	-
Cadmium	9.3	0.84	0.31 J	-	-	-	-	-	-	-	0.23 J	0.5 J	-	-	-	-	-	-	-
Calcium	NA	1070	1430	-	-	-	-	-	-	-	2000	5970	-	-	-	-	-	-	-
Chromium	NA	14.8	16.7	-	-	-	-	-	-	-	11.8	13.2	-	-	-	-	-	-	-
Cobalt	NA	5.6	5.1	-	-	-	-	-	-	-	5.1	5.7	-	-	-	-	-	-	-
Copper	270	100	46.8	-	-	-	-	-	-	-	27.5	52.9	-	-	-	-	-	-	-
Iron	NA	21900	19400	-	-	-	-	-	-	-	18500	21300	-	-	-	-	-	-	-
Lead	1000	84.3	101	-	-	-	-	-	-	-	43	74.3	-	-	-	-	-	-	-
Magnesium	NA	1380	1570	-	-	-	-	-	-	-	1910	4190	-	-	-	-	-	-	-
Manganese	10000	148	165	-	-	-	-	-	-	-	166	200	-	-	-	-	-	-	-
Mercury	2.8	0.098	0.049	-	-	-	-	-	-	-	0.017	0.075	-	-	-	-	-	-	-
Nickel	310	13.5	11.6	-	-	-	-	-	-	-	9.6	11.1	-	-	-	-	-	-	-
Potassium	NA	1270	1420	-	-	-	-	-	-	-	1460	1540	-	-	-	-	-	-	-
Selenium	1500	0.9 J	0.26 J	-	-	-	-	-	-	-	0.35 J	0.37 J	-	-	-	-	-	-	-
Silver	1500	0.72	0.25 J	-	-	-	-	-	-	-	0.15 J	0.39	-	-	-	-	-	-	-
Sodium	NA	66 J	70.6 J	-	-	-	-	-	-	-	46.2 J	40.2 J	-	-	-	-	-	-	-
Thallium	NA	0.11 J	0.079 J	-	-	-	-	-	-	-	0.047 J	0.06 J	-	-	-	-	-	-	-
Vanadium	NA	35.1	23.8	-	-	-	-	-	-	-	20.8	30.5	-	-	-	-	-	-	-
Zinc	10000	105	81.4	-	-	-	-	-	-	-	65.6	79.4	-	-	-	-	-	-	-

ABBREVIATIONS AND NOTES:

mg/kg: milligram per kilogram

**: LCS or LCSD is outside acceptance limits.*
-: Not Analyzed
B: Compound was found in the blank and the associated sample.
bgs: below ground surface
ft: feet
J: Value is estimated.
NA: Not Applicable
ND (2.5): Not detected, number in parentheses is the laboratory reporting limit

- For test methods used, see the laboratory data sheets.
- Soil analytical results are compared to the New York State Department of Environmental Conservation (NYSDEC) Title 6 of the Official Compilation of New York Codes, Rules, and Regulations (NYCRR) Part 375 Commercial Use Soil Cleanup Objectives (SCO).
- Grey shading indicates an exceedance of the Commercial Use Soil Cleanup Objectives.

TABLE 25
SUMMARY OF SOIL QUALITY DATA - BERM 60
FORMER PORT MOBIL TERMINAL
STATEN ISLAND, NEW YORK
FILE NO. 0208998

	Criteria									
Location Name	NY Part 375	60A	60A	60A1	60A1	60A1	60A2	60A2	60A3	60A3
Sample Name	Commercial	60A_0-4	60A_4-8	60A1_1-2	60A1_3-4	60A1_6-7	60A2_2-3	60A2_4-5	60A3_5-6	60A3_7-8
Sample Date	Use	10/01/2025	10/01/2025	10/01/2025	10/01/2025	10/01/2025	10/01/2025	10/01/2025	10/01/2025	10/01/2025
Lab Sample ID	Soil Cleanup	460-336212-1	460-336212-2	460-336212-17	460-336212-20	460-336212-23	460-336212-18	460-336212-21	460-336212-22	460-336212-19
Sample Depth (bgs)	Objectives	0 - 4 (ft)	4 - 8 (ft)	1 - 2 (ft)	3 - 4 (ft)	6 - 7 (ft)	2 - 3 (ft)	4 - 5 (ft)	5 - 6 (ft)	7 - 8 (ft)
Volatile Organic Compounds (mg/kg)										
1,1,1-Trichloroethane	500	-	-	ND (0.0011)	ND (0.0012)	ND (0.0011)	ND (0.0013)	ND (0.00089)	ND (0.001)	ND (0.00097)
1,1,2,2-Tetrachloroethane	NA	-	-	ND (0.0011)	ND (0.0012)	ND (0.0011)	ND (0.0013)	ND (0.00089)	ND (0.001)	ND (0.00097)
1,1,2-Trichloroethane	NA	-	-	ND (0.0011)	ND (0.0012)	ND (0.0011)	ND (0.0013)	ND (0.00089)	ND (0.001)	ND (0.00097)
1,1-Dichloroethane	240	-	-	ND (0.0011)	ND (0.0012)	ND (0.0011)	ND (0.0013)	ND (0.00089)	ND (0.001)	ND (0.00097)
1,1-Dichloroethene	500	-	-	ND (0.0011)	ND (0.0012)	ND (0.0011)	ND (0.0013)	ND (0.00089)	ND (0.001)	ND (0.00097)
1,2,3-Trichlorobenzene	NA	-	-	ND (0.0011)	ND (0.0012)	ND (0.0011)	ND (0.0013)	ND (0.00089)	ND (0.001)	ND (0.00097)
1,2,4-Trichlorobenzene	NA	-	-	ND (0.0011)	ND (0.0012)	ND (0.0011)	ND (0.0013)	ND (0.00089)	ND (0.001)	ND (0.00097)
1,2,4-Trimethylbenzene	190	-	-	ND (0.0011)	ND (0.0012)	ND (0.0011)	0.00076 J	ND (0.00089)	ND (0.001)	ND (0.00097)
1,2-Dibromo-3-chloropropane (DBCP)	NA	-	-	ND (0.0011)	ND (0.0012)	ND (0.0011)	ND (0.0013)	ND (0.00089)	ND (0.001)	ND (0.00097)
1,2-Dibromoethane (Ethylene Dibromide)	NA	-	-	ND (0.0011)	ND (0.0012)	ND (0.0011)	ND (0.0013)	ND (0.00089)	ND (0.001)	ND (0.00097)
1,2-Dichlorobenzene	500	-	-	ND (0.0011)	ND (0.0012)	ND (0.0011)	ND (0.0013)	ND (0.00089)	ND (0.001)	ND (0.00097)
1,2-Dichloroethane	30	-	-	ND (0.0011)	ND (0.0012)	ND (0.0011)	ND (0.0013)	ND (0.00089)	ND (0.001)	ND (0.00097)
1,2-Dichloropropane	NA	-	-	ND (0.0011)	ND (0.0012)	ND (0.0011)	ND (0.0013)	ND (0.00089)	ND (0.001)	ND (0.00097)
1,3,5-Trimethylbenzene	190	-	-	ND (0.0011)	ND (0.0012)	ND (0.0011)	0.00051 J	ND (0.00089)	ND (0.001)	ND (0.00097)
1,3-Dichlorobenzene	280	-	-	ND (0.0011)	ND (0.0012)	ND (0.0011)	ND (0.0013)	ND (0.00089)	ND (0.001)	ND (0.00097)
1,4-Dichlorobenzene	130	-	-	ND (0.0011)	ND (0.0012)	ND (0.0011)	ND (0.0013)	ND (0.00089)	ND (0.001)	ND (0.00097)
2-Butanone (Methyl Ethyl Ketone)	500	-	-	ND (0.0057)	ND (0.0061)	ND (0.0057)	ND (0.0066)	ND (0.0045)	ND (0.0052)	ND (0.0049)
2-Hexanone (Methyl Butyl Ketone)	NA	-	-	ND (0.0057)	ND (0.0061)	ND (0.0057)	ND (0.0066)	ND (0.0045)	ND (0.0052)	ND (0.0049)
2-Phenylbutane (sec-Butylbenzene)	500	-	-	ND (0.0011)	ND (0.0012)	ND (0.0011)	ND (0.0013)	ND (0.00089)	ND (0.001)	ND (0.00097)
4-Methyl-2-Pentanone (Methyl Isobutyl Ketone)	NA	-	-	ND (0.0057)	ND (0.0061)	ND (0.0057)	ND (0.0066)	ND (0.0045)	ND (0.0052)	ND (0.0049)
Acetone	500	-	-	ND (0.0068)	ND (0.0073)	ND (0.0068)	ND (0.0079)	ND (0.0053)	ND (0.0062)	ND (0.0058)
Benzene	44	-	-	ND (0.0011)	ND (0.0012)	ND (0.0011)	ND (0.0013)	ND (0.00089)	ND (0.001)	ND (0.00097)
Bromodichloromethane	NA	-	-	ND (0.0011)	ND (0.0012)	ND (0.0011)	ND (0.0013)	ND (0.00089)	ND (0.001)	ND (0.00097)
Bromoform	NA	-	-	ND (0.0011)	ND (0.0012)	ND (0.0011)	ND (0.0013)	ND (0.00089)	ND (0.001)	ND (0.00097)
Bromomethane (Methyl Bromide)	NA	-	-	ND (0.0023)	ND (0.0024)	ND (0.0023)	ND (0.0026)	ND (0.0018)	ND (0.0021)	ND (0.0019)
Carbon disulfide	NA	-	-	ND (0.0011)	ND (0.0012)	ND (0.0011)	ND (0.0013)	ND (0.00089)	ND (0.001)	ND (0.00097)
Carbon tetrachloride	22	-	-	ND (0.0011)	ND (0.0012)	ND (0.0011)	ND (0.0013)	ND (0.00089)	ND (0.001)	ND (0.00097)
Chlorobenzene	500	-	-	ND (0.0011)	ND (0.0012)	ND (0.0011)	ND (0.0013)	ND (0.00089)	ND (0.001)	ND (0.00097)
Chlorobromomethane	NA	-	-	ND (0.0011)	ND (0.0012)	ND (0.0011)	ND (0.0013)	ND (0.00089)	ND (0.001)	ND (0.00097)
Chloroethane	NA	-	-	ND (0.0011)	ND (0.0012)	ND (0.0011)	ND (0.0013)	ND (0.00089)	ND (0.001)	ND (0.00097)
Chloroform (Trichloromethane)	350	-	-	ND (0.0011)	ND (0.0012)	ND (0.0011)	ND (0.0013)	ND (0.00089)	ND (0.001)	ND (0.00097)
Chloromethane (Methyl Chloride)	NA	-	-	ND (0.0011)	ND (0.0012)	ND (0.0011)	ND (0.0013)	ND (0.00089)	ND (0.001)	ND (0.00097)
cis-1,2-Dichloroethene	500	-	-	ND (0.0011)	ND (0.0012)	ND (0.0011)	ND (0.0013)	ND (0.00089)	ND (0.001)	ND (0.00097)
cis-1,3-Dichloropropene	NA	-	-	ND (0.0011)	ND (0.0012)	ND (0.0011)	ND (0.0013)	ND (0.00089)	ND (0.001)	ND (0.00097)
Cyclohexane	NA	-	-	ND (0.0011)	ND (0.0012)	ND (0.0011)	ND (0.0013)	ND (0.00089)	ND (0.001)	ND (0.00097)
Dibromochloromethane	NA	-	-	ND (0.0011)	ND (0.0012)	ND (0.0011)	ND (0.0013)	ND (0.00089)	ND (0.001)	ND (0.00097)
Dichlorodifluoromethane (CFC-12)	NA	-	-	ND (0.0011)	ND (0.0012)	ND (0.0011)	ND (0.0013)	ND (0.00089)	ND (0.001)	ND (0.00097)
Ethylbenzene	390	-	-	ND (0.0011)	ND (0.0012)	ND (0.0011)	ND (0.0013)	ND (0.00089)	ND (0.001)	ND (0.00097)
Isopropylbenzene (Cumene)	NA	-	-	ND (0.0011)	ND (0.0012)	ND (0.0011)	ND (0.0013)	ND (0.00089)	ND (0.001)	ND (0.00097)
m,p-Xylenes	NA	-	-	ND (0.0011)	ND (0.0012)	ND (0.0011)	ND (0.0013)	ND (0.00089)	ND (0.001)	ND (0.00097)
Methyl acetate	NA	-	-	ND (0.0057)	ND (0.0061)	ND (0.0057)	ND (0.0066)	ND (0.0045)	ND (0.0052)	ND (0.0049)
Methyl Tert Butyl Ether (MTBE)	500	-	-	ND (0.0011)	ND (0.0012)	ND (0.0011)	ND (0.0013)	ND (0.00089)	ND (0.001)	ND (0.00097)
Methylcyclohexane	NA	-	-	ND (0.0011) *	ND (0.0012) *	ND (0.0011) *	ND (0.0013) *	ND (0.00089) *	ND (0.001) *	ND (0.00097) *
Methylene chloride (Dichloromethane)	500	-	-	0.0035	0.0043	0.0026	0.0058	0.0022	0.002 J	0.0026
n-Butylbenzene	500	-	-	ND (0.0011)	ND (0.0012)	ND (0.0011)	ND (0.0013)	ND (0.00089)	ND (0.001)	ND (0.00097)
n-Propylbenzene	500	-	-	ND (0.0011)	ND (0.0012)	ND (0.0011)	ND (0.0013)	ND (0.00089)	ND (0.001)	ND (0.00097)
o-Xylene	NA	-	-	ND (0.0011)	ND (0.0012)	ND (0.0011)	ND (0.0013)	ND (0.00089)	ND (0.001)	ND (0.00097)
Styrene	NA	-	-	ND (0.0011)	ND (0.0012)	ND (0.0011)	ND (0.0013)	ND (0.00089)	ND (0.001)	ND (0.00097)
tert-Butylbenzene	500	-	-	ND (0.0011) *	ND (0.0012) *	ND (0.0011) *	ND (0.0013) *	ND (0.00089) *	ND (0.001) *	ND (0.00097) *
Tetrachloroethene	150	-	-	ND (0.0011)	ND (0.0012)	ND (0.0011)	ND (0.0013)	ND (0.00089)	ND (0.001)	ND (0.00097)
Toluene	500	-	-	ND (0.0011)	ND (0.0012)	ND (0.0011)	ND (0.0013)	ND (0.00089)	ND (0.001)	ND (0.00097)
trans-1,2-Dichloroethene	500	-	-	ND (0.0011)	ND (0.0012)	ND (0.0011)	ND (0.0013)	ND (0.00089)	ND (0.001)	ND (0.00097)
trans-1,3-Dichloropropene	NA	-	-	ND (0.0011)	ND (0.0012)	ND (0.0011)	ND (0.0013)	ND (0.00089)	ND (0.001)	ND (0.00097)
Trichloroethene	200	-	-	ND (0.0011)	ND (0.0012)	ND (0.0011)	ND (0.0013)	ND (0.00089)	ND (0.001)	ND (0.00097)
Trichlorofluoromethane (CFC-11)	NA	-	-	ND (0.0011)	ND (0.0012)	ND (0.0011)	ND (0.0013)	ND (0.00089)	ND (0.001)	ND (0.00097)
Trifluorotrichloroethane (Freon 113)	NA	-	-	ND (0.0011)	ND (0.0012)	ND (0.0011)	ND (0.0013)	ND (0.00089)	ND (0.001)	ND (0.00097)
Vinyl chloride	13	-	-	ND (0.0011)	ND (0.0012)	ND (0.0011)	ND (0.0013)	ND (0.00089)	ND (0.001)	ND (0.00097)
Xylene (Total)	500	-	-	ND (0.0023)	ND (0.0024)	ND (0.0023)	ND (0.0026)	ND (0.0018)	ND (0.0021)	ND (0.0019)

TABLE 25
SUMMARY OF SOIL QUALITY DATA - BERM 60
FORMER PORT MOBIL TERMINAL
STATEN ISLAND, NEW YORK
FILE NO. 0208998

	Criteria									
Location Name	NY Part 375	60A	60A	60A1	60A1	60A1	60A2	60A2	60A3	60A3
Sample Name	Commercial	60A_0-4	60A_4-8	60A1_1-2	60A1_3-4	60A1_6-7	60A2_2-3	60A2_4-5	60A3_5-6	60A3_7-8
Sample Date	Use	10/01/2025	10/01/2025	10/01/2025	10/01/2025	10/01/2025	10/01/2025	10/01/2025	10/01/2025	10/01/2025
Lab Sample ID	Soil Cleanup	460-336212-1	460-336212-2	460-336212-17	460-336212-20	460-336212-23	460-336212-18	460-336212-21	460-336212-22	460-336212-19
Sample Depth (bgs)	Objectives	0 - 4 (ft)	4 - 8 (ft)	1 - 2 (ft)	3 - 4 (ft)	6 - 7 (ft)	2 - 3 (ft)	4 - 5 (ft)	5 - 6 (ft)	7 - 8 (ft)
Semi-Volatile Organic Compounds (mg/kg)										
1,2,4,5-Tetrachlorobenzene	NA	ND (0.35)	ND (0.35)	-	-	-	-	-	-	-
1,4-Dioxane	130	ND (0.035)	ND (0.035)	-	-	-	-	-	-	-
2,2'-oxybis(1-Chloropropane)	NA	ND (0.35)	ND (0.35)	-	-	-	-	-	-	-
2,3,4,6-Tetrachlorophenol	NA	ND (0.35)	ND (0.35)	-	-	-	-	-	-	-
2,4,5-Trichlorophenol	NA	ND (0.35)	ND (0.35)	-	-	-	-	-	-	-
2,4,6-Trichlorophenol	NA	ND (0.14)	ND (0.14)	-	-	-	-	-	-	-
2,4-Dichlorophenol	NA	ND (0.14)	ND (0.14)	-	-	-	-	-	-	-
2,4-Dimethylphenol	NA	ND (0.35)	ND (0.35)	-	-	-	-	-	-	-
2,4-Dinitrophenol	NA	ND (0.29)	ND (0.28)	-	-	-	-	-	-	-
2,4-Dinitrotoluene	NA	ND (0.072)	ND (0.071)	-	-	-	-	-	-	-
2,6-Dinitrotoluene	NA	ND (0.072)	ND (0.071)	-	-	-	-	-	-	-
2-Chloronaphthalene	NA	ND (0.35)	ND (0.35)	-	-	-	-	-	-	-
2-Chlorophenol	NA	ND (0.35)	ND (0.35)	-	-	-	-	-	-	-
2-Methylnaphthalene	NA	0.021 J	0.019 J	-	-	-	-	-	-	-
2-Methylphenol (o-Cresol)	500	ND (0.35)	ND (0.35)	-	-	-	-	-	-	-
2-Nitroaniline	NA	ND (0.35)	ND (0.35)	-	-	-	-	-	-	-
2-Nitrophenol	NA	ND (0.35)	ND (0.35)	-	-	-	-	-	-	-
3&4-Methylphenol	NA	ND (0.35)	ND (0.35)	-	-	-	-	-	-	-
3,3'-Dichlorobenzidine	NA	ND (0.14)	ND (0.14)	-	-	-	-	-	-	-
3-Nitroaniline	NA	ND (0.35)	ND (0.35)	-	-	-	-	-	-	-
4,6-Dinitro-2-methylphenol	NA	ND (0.29)	ND (0.28)	-	-	-	-	-	-	-
4-Bromophenyl phenyl ether (BDE-3)	NA	ND (0.35)	ND (0.35)	-	-	-	-	-	-	-
4-Chloro-3-methylphenol	NA	ND (0.35)	ND (0.35)	-	-	-	-	-	-	-
4-Chloroaniline	NA	ND (0.35)	ND (0.35)	-	-	-	-	-	-	-
4-Chlorophenyl phenyl ether	NA	ND (0.35)	ND (0.35)	-	-	-	-	-	-	-
4-Methylphenol	500	ND (0.35)	ND (0.35)	-	-	-	-	-	-	-
4-Nitroaniline	NA	ND (0.35)	ND (0.35)	-	-	-	-	-	-	-
4-Nitrophenol	NA	ND (0.72)	ND (0.71)	-	-	-	-	-	-	-
Acenaphthene	500	0.022 J	0.016 J	-	-	-	-	-	-	-
Acenaphthylene	500	0.27 J	0.21 J	-	-	-	-	-	-	-
Acetophenone	NA	ND (0.35)	ND (0.35)	-	-	-	-	-	-	-
Anthracene	500	0.34 J	0.23 J	-	-	-	-	-	-	-
Atrazine	NA	ND (0.14)	ND (0.14)	-	-	-	-	-	-	-
Benzaldehyde	NA	ND (0.35)	ND (0.35)	-	-	-	-	-	-	-
Benzo(a)anthracene	5.6	0.3	0.21	-	-	-	-	-	-	-
Benzo(a)pyrene	1	0.46	0.35	-	-	-	-	-	-	-
Benzo(b)fluoranthene	5.6	0.55	0.44	-	-	-	-	-	-	-
Benzo(g,h,i)perylene	500	0.39	0.25 J	-	-	-	-	-	-	-
Benzo(k)fluoranthene	56	0.18	0.15	-	-	-	-	-	-	-
Biphenyl	NA	ND (0.35)	ND (0.35)	-	-	-	-	-	-	-
bis(2-Chloroethoxy)methane	NA	ND (0.35)	ND (0.35)	-	-	-	-	-	-	-
bis(2-Chloroethyl)ether	NA	ND (0.035)	ND (0.035)	-	-	-	-	-	-	-
bis(2-Ethylhexyl)phthalate	NA	ND (0.35)	ND (0.35)	-	-	-	-	-	-	-
Butyl benzylphthalate (BBP)	NA	ND (0.35)	ND (0.35)	-	-	-	-	-	-	-
Caprolactam	NA	ND (0.35)	ND (0.35)	-	-	-	-	-	-	-
Carbazole	NA	0.12 J	0.065 J	-	-	-	-	-	-	-
Chrysene	56	0.35	0.25 J	-	-	-	-	-	-	-
Dibenz(a,h)anthracene	0.56	0.069	0.041	-	-	-	-	-	-	-
Dibenzofuran	350	0.021 J	0.013 J	-	-	-	-	-	-	-
Diethyl phthalate	NA	ND (0.35)	ND (0.35)	-	-	-	-	-	-	-
Dimethyl phthalate	NA	ND (0.35)	ND (0.35)	-	-	-	-	-	-	-
Di-n-butylphthalate (DBP)	NA	ND (0.35)	ND (0.35)	-	-	-	-	-	-	-
Di-n-octyl phthalate (DnOP)	NA	ND (0.35)	ND (0.35)	-	-	-	-	-	-	-
Fluoranthene	500	0.58	0.39	-	-	-	-	-	-	-
Fluorene	500	0.042 J	0.026 J	-	-	-	-	-	-	-
Hexachlorobenzene	6	ND (0.035)	ND (0.035)	-	-	-	-	-	-	-
Hexachlorobutadiene	NA	ND (0.072)	ND (0.071)	-	-	-	-	-	-	-
Hexachlorocyclopentadiene	NA	ND (0.35)	ND (0.35)	-	-	-	-	-	-	-
Hexachloroethane	NA	ND (0.035)	ND (0.035)	-	-	-	-	-	-	-
Indeno(1,2,3-cd)pyrene	5.6	0.39	0.23	-	-	-	-	-	-	-
Isophorone	NA	ND (0.14)	ND (0.14)	-	-	-	-	-	-	-
Naphthalene	500	0.041 J	0.033 J	-	-	-	-	-	-	-
Nitrobenzene	NA	ND (0.035)	ND (0.035)	-	-	-	-	-	-	-
N-Nitrosodi-n-propylamine	NA	ND (0.035)	ND (0.035)	-	-	-	-	-	-	-
N-Nitrosodiphenylamine	NA	ND (0.35)	ND (0.35)	-	-	-	-	-	-	-
Pentachlorophenol	6.7	ND (0.29)	ND (0.28)	-	-	-	-	-	-	-
Phenanthrene	500	0.34 J	0.18 J	-	-	-	-	-	-	-
Phenol	500	ND (0.35)	ND (0.35)	-	-	-	-	-	-	-
Pyrene	500	0.53	0.34 J	-	-	-	-	-	-	-

TABLE 25
SUMMARY OF SOIL QUALITY DATA - BERM 60
FORMER PORT MOBIL TERMINAL
STATEN ISLAND, NEW YORK
FILE NO. 0208998

	Criteria									
Location Name	NY Part 375	60A	60A	60A1	60A1	60A1	60A2	60A2	60A3	60A3
Sample Name	Commercial	60A_0-4	60A_4-8	60A1_1-2	60A1_3-4	60A1_6-7	60A2_2-3	60A2_4-5	60A3_5-6	60A3_7-8
Sample Date	Use	10/01/2025	10/01/2025	10/01/2025	10/01/2025	10/01/2025	10/01/2025	10/01/2025	10/01/2025	10/01/2025
Lab Sample ID	Soil Cleanup	460-336212-1	460-336212-2	460-336212-17	460-336212-20	460-336212-23	460-336212-18	460-336212-21	460-336212-22	460-336212-19
Sample Depth (bgs)	Objectives	0 - 4 (ft)	4 - 8 (ft)	1 - 2 (ft)	3 - 4 (ft)	6 - 7 (ft)	2 - 3 (ft)	4 - 5 (ft)	5 - 6 (ft)	7 - 8 (ft)
PFAS (mg/kg)										
11-Chloroeicosafluoro-3-Oxaundecane-1-Sulfonic Acid (11Cl-PF3OUdS)	NA	ND (0.0002)	ND (0.00019)	-	-	-	-	-	-	-
2H,2H,3H,3H-Perfluorooctanoic acid (5:3 FTCA)	NA	ND (0.00098)	ND (0.00095)	-	-	-	-	-	-	-
3-(Perfluoroheptyl)propanoic acid (7:3 FTCA)	NA	ND (0.00098)	ND (0.00095)	-	-	-	-	-	-	-
3:3 Fluorotelomer carboxylic acid (3:3 FTCA)	NA	ND (0.00039)	ND (0.00038)	-	-	-	-	-	-	-
4,8-Dioxa-3H-Perfluorononanoic Acid (ADONA)	NA	ND (0.0002)	ND (0.00019)	-	-	-	-	-	-	-
4:2 Fluorotelomer sulfonic acid (4:2 FTS)	NA	ND (0.00039)	ND (0.00038)	-	-	-	-	-	-	-
6:2 Fluorotelomer sulfonic acid (6:2 FTS)	NA	ND (0.00039)	ND (0.00038)	-	-	-	-	-	-	-
8:2 Fluorotelomer sulfonic acid (8:2 FTS)	NA	ND (0.00039)	ND (0.00038)	-	-	-	-	-	-	-
9-Chlorohexadecafluoro-3-Oxanone-1-Sulfonic Acid (9Cl-PF3ONS)	NA	ND (0.0002)	ND (0.00019)	-	-	-	-	-	-	-
N-Ethyl Perfluorooctanesulfonamidoacetic Acid (NEtFOSAA)	NA	ND (0.0002)	ND (0.00019)	-	-	-	-	-	-	-
N-Ethylperfluorooctane sulfonamide (N-EtFOSA)	NA	ND (0.0002)	ND (0.00019)	-	-	-	-	-	-	-
N-Ethylperfluorooctane sulfonamidoethanol (N-EtFOSE)	NA	ND (0.00098)	ND (0.00095)	-	-	-	-	-	-	-
N-Methyl Perfluorooctanesulfonamidoacetic Acid (NMeFOSAA)	NA	ND (0.0002)	ND (0.00019)	-	-	-	-	-	-	-
N-Methylperfluorooctane sulfonamide (N-MeFOSA)	NA	ND (0.0002)	ND (0.00019)	-	-	-	-	-	-	-
N-Methylperfluorooctane sulfonamidoethanol (N-MeFOSE)	NA	ND (0.00098)	ND (0.00095)	-	-	-	-	-	-	-
Nonafluoro-3,6-dioxaheptanoic acid (NFDHA)	NA	ND (0.0002)	ND (0.00019)	-	-	-	-	-	-	-
Perfluoro(2-ethoxyethane) sulphonic acid (PFEESA)	NA	ND (0.0002)	ND (0.00019)	-	-	-	-	-	-	-
Perfluoro(4-methoxybutanoic) acid (PFMBA)	NA	ND (0.0002)	ND (0.00019)	-	-	-	-	-	-	-
Perfluoro-2-propoxypropanoic acid (PFPrOPrA)(GenX) (HFPO-DA)	NA	ND (0.0002)	ND (0.00019)	-	-	-	-	-	-	-
Perfluoro-3-methoxypropanoic acid (PFMPA)	NA	ND (0.0002)	ND (0.00019)	-	-	-	-	-	-	-
Perfluorobutanesulfonic acid (PFBS)	NA	ND (0.0002)	ND (0.00019)	-	-	-	-	-	-	-
Perfluorobutanoic acid (PFBA)	NA	ND (0.00039)	ND (0.00038)	-	-	-	-	-	-	-
Perfluorodecanesulfonic acid (PFDS)	NA	ND (0.0002)	ND (0.00019)	-	-	-	-	-	-	-
Perfluorodecanoic acid (PFDA)	NA	ND (0.0002)	ND (0.00019)	-	-	-	-	-	-	-
Perfluorododecane sulfonic acid (PFDoDS)	NA	ND (0.0002)	ND (0.00019)	-	-	-	-	-	-	-
Perfluorododecanoic acid (PFDoDA)	NA	0.0001 J	ND (0.00019)	-	-	-	-	-	-	-
Perfluoroheptanesulfonic acid (PFHpS)	NA	ND (0.0002)	ND (0.00019)	-	-	-	-	-	-	-
Perfluoroheptanoic acid (PFHpA)	NA	0.00011 J	ND (0.00019)	-	-	-	-	-	-	-
Perfluorohexanesulfonic acid (PFHxS)	NA	ND (0.0002)	ND (0.00019)	-	-	-	-	-	-	-
Perfluorohexanoic acid (PFHxA)	NA	ND (0.0002)	ND (0.00019)	-	-	-	-	-	-	-
Perfluorononane sulfonic acid (PFNS)	NA	ND (0.0002)	ND (0.00019)	-	-	-	-	-	-	-
Perfluorononanoic acid (PFNA)	NA	0.0014	0.00117	-	-	-	-	-	-	-
Perfluorooctane sulfonamide (PFOSA)	NA	ND (0.0002)	ND (0.00019)	-	-	-	-	-	-	-
Perfluorooctanesulfonic acid (PFOS)	0.44	0.00012 J	0.00015 J	-	-	-	-	-	-	-
Perfluorooctanoic acid (PFOA)	0.5	0.00022	0.00024	-	-	-	-	-	-	-
Perfluoropentanesulfonic acid (PFPeS)	NA	ND (0.0002)	ND (0.00019)	-	-	-	-	-	-	-
Perfluoropentanoic acid (PFPeA)	NA	ND (0.0002)	ND (0.00019)	-	-	-	-	-	-	-
Perfluorotetradecanoic acid (PFTeDA)	NA	ND (0.0002)	ND (0.00019)	-	-	-	-	-	-	-
Perfluorotridecanoic acid (PFTrDA)	NA	0.00115	0.00069	-	-	-	-	-	-	-
Perfluoroundecanoic acid (PFUnDA)	NA	0.00136	0.00082	-	-	-	-	-	-	-
Pesticides (mg/kg)										
4,4'-DDD	92	ND (0.0072)	ND (0.0071)	-	-	-	-	-	-	-
4,4'-DDE	62	ND (0.0072)	ND (0.0071)	-	-	-	-	-	-	-
4,4'-DDT	47	ND (0.0072)	ND (0.0071)	-	-	-	-	-	-	-
Aldrin	0.68	ND (0.0072)	ND (0.0071)	-	-	-	-	-	-	-
alpha-BHC	3.4	ND (0.0021)	ND (0.0021)	-	-	-	-	-	-	-
alpha-Chlordane (cis)	24	ND (0.0072)	ND (0.0071)	-	-	-	-	-	-	-
beta-BHC	3	ND (0.0021)	ND (0.0021)	-	-	-	-	-	-	-
Chlordane	NA	ND (0.072)	ND (0.071)	-	-	-	-	-	-	-
delta-BHC	500	ND (0.0021)	ND (0.0021)	-	-	-	-	-	-	-
Dieldrin	1.4	ND (0.0021)	ND (0.0021)	-	-	-	-	-	-	-
Endosulfan I	200	ND (0.0072)	ND (0.0071)	-	-	-	-	-	-	-
Endosulfan II	200	ND (0.0072)	ND (0.0071)	-	-	-	-	-	-	-
Endosulfan sulfate	200	ND (0.0072)	ND (0.0071)	-	-	-	-	-	-	-
Endrin	89	ND (0.0072)	ND (0.0071)	-	-	-	-	-	-	-
Endrin aldehyde	NA	ND (0.0072)	ND (0.0071)	-	-	-	-	-	-	-
Endrin ketone	NA	ND (0.0072)	ND (0.0071)	-	-	-	-	-	-	-
gamma-BHC (Lindane)	9.2	ND (0.0021)	ND (0.0021)	-	-	-	-	-	-	-
Heptachlor	15	ND (0.0072)	ND (0.0071)	-	-	-	-	-	-	-
Heptachlor epoxide	NA	ND (0.0072)	ND (0.0071)	-	-	-	-	-	-	-
Methoxychlor	NA	ND (0.0072)	ND (0.0071)	-	-	-	-	-	-	-
Toxaphene	NA	ND (0.072)	ND (0.071)	-	-	-	-	-	-	-

TABLE 25
SUMMARY OF SOIL QUALITY DATA - BERM 60
FORMER PORT MOBIL TERMINAL
STATEN ISLAND, NEW YORK
FILE NO. 0208998

Location Name	Criteria	60A	60A	60A1	60A1	60A1	60A2	60A2	60A3	60A3
Sample Name	NY Part 375	60A_0-4	60A_4-8	60A1_1-2	60A1_3-4	60A1_6-7	60A2_2-3	60A2_4-5	60A3_5-6	60A3_7-8
Sample Date	Commercial	10/01/2025	10/01/2025	10/01/2025	10/01/2025	10/01/2025	10/01/2025	10/01/2025	10/01/2025	10/01/2025
Lab Sample ID	Use	460-336212-1	460-336212-2	460-336212-17	460-336212-20	460-336212-23	460-336212-18	460-336212-21	460-336212-22	460-336212-19
Sample Depth (bgs)	Soil Cleanup Objectives	0 - 4 (ft)	4 - 8 (ft)	1 - 2 (ft)	3 - 4 (ft)	6 - 7 (ft)	2 - 3 (ft)	4 - 5 (ft)	5 - 6 (ft)	7 - 8 (ft)
Polychlorinated Biphenyls (mg/kg)										
Aroclor-1016 (PCB-1016)	NA	ND (0.072)	ND (0.071)	-	-	-	-	-	-	-
Aroclor-1221 (PCB-1221)	NA	ND (0.072)	ND (0.071)	-	-	-	-	-	-	-
Aroclor-1232 (PCB-1232)	NA	ND (0.072)	ND (0.071)	-	-	-	-	-	-	-
Aroclor-1242 (PCB-1242)	NA	ND (0.072)	ND (0.071)	-	-	-	-	-	-	-
Aroclor-1248 (PCB-1248)	NA	ND (0.072)	ND (0.071)	-	-	-	-	-	-	-
Aroclor-1254 (PCB-1254)	NA	ND (0.072)	ND (0.071)	-	-	-	-	-	-	-
Aroclor-1260 (PCB-1260)	NA	ND (0.072)	ND (0.071)	-	-	-	-	-	-	-
Aroclor-1262 (PCB-1262)	NA	ND (0.072)	ND (0.071)	-	-	-	-	-	-	-
Aroclor-1268 (PCB-1268)	NA	ND (0.072)	ND (0.071)	-	-	-	-	-	-	-
Total PCBs	1	ND (0.072)	ND (0.071)	-	-	-	-	-	-	-
Inorganic Compounds (mg/kg)										
Aluminum	NA	4910	3700	-	-	-	-	-	-	-
Antimony	NA	0.83 J	0.29 J	-	-	-	-	-	-	-
Arsenic	16	8.1	5.1	-	-	-	-	-	-	-
Barium	400	42.3	30.4	-	-	-	-	-	-	-
Beryllium	590	0.55	0.52	-	-	-	-	-	-	-
Cadmium	9.3	0.23 J	ND (0.97)	-	-	-	-	-	-	-
Calcium	NA	874	583	-	-	-	-	-	-	-
Chromium	NA	15.2	11.6	-	-	-	-	-	-	-
Cobalt	NA	6.8	3.9	-	-	-	-	-	-	-
Copper	270	52.5	29.8	-	-	-	-	-	-	-
Iron	NA	18200	15900	-	-	-	-	-	-	-
Lead	1000	97.9	37.7	-	-	-	-	-	-	-
Magnesium	NA	1280	907	-	-	-	-	-	-	-
Manganese	10000	171	88.1	-	-	-	-	-	-	-
Mercury	2.8	0.05	0.022	-	-	-	-	-	-	-
Nickel	310	19.2	9.9	-	-	-	-	-	-	-
Potassium	NA	778	681	-	-	-	-	-	-	-
Selenium	1500	0.4 J	0.29 J	-	-	-	-	-	-	-
Silver	1500	0.2 J	ND (0.39)	-	-	-	-	-	-	-
Sodium	NA	80.6 J	56.7 J	-	-	-	-	-	-	-
Thallium	NA	0.068 J	ND (0.39)	-	-	-	-	-	-	-
Vanadium	NA	20.8	18.7	-	-	-	-	-	-	-
Zinc	10000	122	68.6	-	-	-	-	-	-	-

ABBREVIATIONS AND NOTES:

mg/kg: milligram per kilogram

**: LCS or LCSD is outside acceptance limits.*
-: Not Analyzed
B: Compound was found in the blank and the associated sample.
bgs: below ground surface
ft: feet
J: Value is estimated.
NA: Not Applicable
ND (2.5): Not detected, number in parentheses is the laboratory reporting limit

- For test methods used, see the laboratory data sheets.
- Soil analytical results are compared to the New York State Department of Environmental Conservation (NYSDEC) Title 6 of the Official Compilation of New York Codes, Rules, and Regulations (NYCRR) Part 375 Commercial Use Soil Cleanup Objectives (SCO).
- Grey shading indicates an exceedance of the Commercial Use Soil Cleanup Objectives.

TABLE 26
SUMMARY OF SOIL QUALITY DATA - BERM 61
FORMER PORT MOBIL TERMINAL
STATEN ISLAND, NEW YORK
FILE NO. 0208998

	Criteria									
Location Name	NY Part 375	61A	61A	61A1	61A1	61A2	61A2	61A2	61A3	61A3
Sample Name	Commercial	61A_0-3	61A_3-6	61A1_1-2	61A1_4-5	61A2_0-1	61A2_2-3	61A2_5-6	61A3_3-4	61A3_5-6
Sample Date	Use	10/06/2025	10/06/2025	10/06/2025	10/06/2025	10/06/2025	10/06/2025	10/06/2025	10/06/2025	10/06/2025
Lab Sample ID	Soil Cleanup	460-336556-9	460-336556-10	460-336556-41	460-336556-44	460-336556-47	460-336556-42	460-336556-45	460-336556-43	460-336556-46
Sample Depth (bgs)	Objectives	0 - 3 (ft)	3 - 6 (ft)	1 - 2 (ft)	4 - 5 (ft)	0 - 1 (ft)	2 - 3 (ft)	5 - 6 (ft)	3 - 4 (ft)	5 - 6 (ft)
Volatile Organic Compounds (mg/kg)										
1,1,1-Trichloroethane	500	-	-	ND (0.0019)	ND (0.001)	ND (0.0013)	ND (0.00089)	ND (0.00083)	ND (0.0011)	ND (0.0013)
1,1,2,2-Tetrachloroethane	NA	-	-	ND (0.0019)	ND (0.001)	ND (0.0013)	ND (0.00089)	ND (0.00083)	ND (0.0011)	ND (0.0013)
1,1,2-Trichloroethane	NA	-	-	ND (0.0019)	ND (0.001)	ND (0.0013)	ND (0.00089)	ND (0.00083)	ND (0.0011)	ND (0.0013)
1,1-Dichloroethane	240	-	-	ND (0.0019)	ND (0.001)	ND (0.0013)	ND (0.00089)	ND (0.00083)	ND (0.0011)	ND (0.0013)
1,1-Dichloroethene	500	-	-	ND (0.0019)	ND (0.001)	ND (0.0013)	ND (0.00089)	ND (0.00083)	ND (0.0011)	ND (0.0013)
1,2,3-Trichlorobenzene	NA	-	-	ND (0.0019)	ND (0.001)	ND (0.0013)	ND (0.00089)	ND (0.00083)	ND (0.0011)	ND (0.0013)
1,2,4-Trichlorobenzene	NA	-	-	ND (0.0019)	ND (0.001)	ND (0.0013)	ND (0.00089)	ND (0.00083)	ND (0.0011)	ND (0.0013)
1,2,4-Trimethylbenzene	190	-	-	ND (0.0019)	ND (0.001)	ND (0.0013)	ND (0.00089)	ND (0.00083)	ND (0.0011)	ND (0.0013)
1,2-Dibromo-3-chloropropane (DBCP)	NA	-	-	ND (0.0019)	ND (0.001)	ND (0.0013)	ND (0.00089)	ND (0.00083)	ND (0.0011)	ND (0.0013)
1,2-Dibromoethane (Ethylene Dibromide)	NA	-	-	ND (0.0019)	ND (0.001)	ND (0.0013)	ND (0.00089)	ND (0.00083)	ND (0.0011)	ND (0.0013)
1,2-Dichlorobenzene	500	-	-	ND (0.0019)	ND (0.001)	ND (0.0013)	ND (0.00089)	ND (0.00083)	ND (0.0011)	ND (0.0013)
1,2-Dichloroethane	30	-	-	ND (0.0019)	ND (0.001)	ND (0.0013)	ND (0.00089)	ND (0.00083)	ND (0.0011)	ND (0.0013)
1,2-Dichloropropane	NA	-	-	ND (0.0019)	ND (0.001)	ND (0.0013)	ND (0.00089)	ND (0.00083)	ND (0.0011)	ND (0.0013)
1,3,5-Trimethylbenzene	190	-	-	ND (0.0019)	ND (0.001)	ND (0.0013)	ND (0.00089)	ND (0.00083)	ND (0.0011)	ND (0.0013)
1,3-Dichlorobenzene	280	-	-	ND (0.0019)	ND (0.001)	ND (0.0013)	ND (0.00089)	ND (0.00083)	ND (0.0011)	ND (0.0013)
1,4-Dichlorobenzene	130	-	-	ND (0.0019)	ND (0.001)	ND (0.0013)	ND (0.00089)	ND (0.00083)	ND (0.0011)	ND (0.0013)
2-Butanone (Methyl Ethyl Ketone)	500	-	-	ND (0.0097)	ND (0.0051)	ND (0.0064)	ND (0.0044)	ND (0.0041)	ND (0.0056)	ND (0.0063)
2-Hexanone (Methyl Butyl Ketone)	NA	-	-	ND (0.0097)	ND (0.0051)	ND (0.0064)	ND (0.0044)	ND (0.0041)	ND (0.0056)	ND (0.0063)
2-Phenylbutane (sec-Butylbenzene)	500	-	-	ND (0.0019)	ND (0.001)	ND (0.0013)	ND (0.00089)	ND (0.00083)	ND (0.0011)	ND (0.0013)
4-Methyl-2-Pentanone (Methyl Isobutyl Ketone)	NA	-	-	ND (0.0097)	ND (0.0051)	ND (0.0064)	ND (0.0044)	ND (0.0041)	ND (0.0056)	ND (0.0063)
Acetone	500	-	-	ND (0.012)	0.088	0.032	ND (0.0053)	0.01	0.22	0.11
Benzene	44	-	-	ND (0.0019)	ND (0.001)	ND (0.0013)	ND (0.00089)	ND (0.00083)	ND (0.0011)	ND (0.0013)
Bromodichloromethane	NA	-	-	ND (0.0019)	ND (0.001)	ND (0.0013)	ND (0.00089)	ND (0.00083)	ND (0.0011)	ND (0.0013)
Bromoform	NA	-	-	ND (0.0019)	ND (0.001)	ND (0.0013)	ND (0.00089)	ND (0.00083)	ND (0.0011)	ND (0.0013)
Bromomethane (Methyl Bromide)	NA	-	-	ND (0.0039) *	ND (0.0021) *	ND (0.0025) *	ND (0.0018) *	ND (0.0017) *	ND (0.0022) *	ND (0.0025) *
Carbon disulfide	NA	-	-	ND (0.0019)	ND (0.001)	ND (0.0013)	ND (0.00089)	ND (0.00083)	ND (0.0011)	ND (0.0013)
Carbon tetrachloride	22	-	-	ND (0.0019)	ND (0.001)	ND (0.0013)	ND (0.00089)	ND (0.00083)	ND (0.0011)	ND (0.0013)
Chlorobenzene	500	-	-	ND (0.0019)	ND (0.001)	ND (0.0013)	ND (0.00089)	ND (0.00083)	ND (0.0011)	ND (0.0013)
Chlorobromomethane	NA	-	-	ND (0.0019)	ND (0.001)	ND (0.0013)	ND (0.00089)	ND (0.00083)	ND (0.0011)	ND (0.0013)
Chloroethane	NA	-	-	ND (0.0019)	ND (0.001) *	ND (0.0013)	ND (0.00089)	ND (0.00083)	ND (0.0011)	ND (0.0013)
Chloroform (Trichloromethane)	350	-	-	ND (0.0019)	ND (0.001)	ND (0.0013)	ND (0.00089)	ND (0.00083)	ND (0.0011)	ND (0.0013)
Chloromethane (Methyl Chloride)	NA	-	-	ND (0.0019)	ND (0.001)	ND (0.0013)	ND (0.00089)	ND (0.00083)	ND (0.0011)	ND (0.0013)
cis-1,2-Dichloroethene	500	-	-	ND (0.0019)	ND (0.001)	ND (0.0013)	ND (0.00089)	ND (0.00083)	ND (0.0011)	ND (0.0013)
cis-1,3-Dichloropropene	NA	-	-	ND (0.0019)	ND (0.001)	ND (0.0013)	ND (0.00089)	ND (0.00083)	ND (0.0011)	ND (0.0013)
Cyclohexane	NA	-	-	ND (0.0019)	ND (0.001)	ND (0.0013)	ND (0.00089)	ND (0.00083)	ND (0.0011)	ND (0.0013)
Dibromochloromethane	NA	-	-	ND (0.0019)	ND (0.001)	ND (0.0013)	ND (0.00089)	ND (0.00083)	ND (0.0011)	ND (0.0013)
Dichlorodifluoromethane (CFC-12)	NA	-	-	ND (0.0019)	ND (0.001)	ND (0.0013)	ND (0.00089)	ND (0.00083)	ND (0.0011)	ND (0.0013)
Ethylbenzene	390	-	-	ND (0.0019)	ND (0.001)	ND (0.0013)	ND (0.00089)	ND (0.00083)	ND (0.0011)	ND (0.0013)
Isopropylbenzene (Cumene)	NA	-	-	ND (0.0019)	ND (0.001)	ND (0.0013)	ND (0.00089)	ND (0.00083)	ND (0.0011)	ND (0.0013)
m,p-Xylenes	NA	-	-	ND (0.0019)	ND (0.001)	ND (0.0013)	ND (0.00089)	ND (0.00083)	ND (0.0011)	ND (0.0013)
Methyl acetate	NA	-	-	ND (0.0097)	ND (0.0051)	ND (0.0064)	ND (0.0044)	ND (0.0041)	ND (0.0056)	ND (0.0063)
Methyl Tert Butyl Ether (MTBE)	500	-	-	ND (0.0019)	ND (0.001)	ND (0.0013)	ND (0.00089)	ND (0.00083)	ND (0.0011)	ND (0.0013)
Methylcyclohexane	NA	-	-	ND (0.0019)	ND (0.001)	ND (0.0013)	ND (0.00089)	ND (0.00083)	ND (0.0011)	ND (0.0013)
Methylene chloride (Dichloromethane)	500	-	-	ND (0.0039)	ND (0.0021)	ND (0.0025)	ND (0.0018)	ND (0.0017)	ND (0.0022)	ND (0.0025)
n-Butylbenzene	500	-	-	ND (0.0019)	ND (0.001)	ND (0.0013)	ND (0.00089)	ND (0.00083)	ND (0.0011)	ND (0.0013)
n-Propylbenzene	500	-	-	ND (0.0019)	ND (0.001)	ND (0.0013)	ND (0.00089)	ND (0.00083)	ND (0.0011)	ND (0.0013)
o-Xylene	NA	-	-	ND (0.0019)	ND (0.001)	ND (0.0013)	ND (0.00089)	ND (0.00083)	ND (0.0011)	ND (0.0013)
Styrene	NA	-	-	ND (0.0019)	ND (0.001)	ND (0.0013)	ND (0.00089)	ND (0.00083)	ND (0.0011)	ND (0.0013)
tert-Butylbenzene	500	-	-	ND (0.0019)	ND (0.001)	ND (0.0013)	ND (0.00089)	ND (0.00083)	ND (0.0011)	ND (0.0013)
Tetrachloroethene	150	-	-	ND (0.0019)	ND (0.001)	ND (0.0013)	ND (0.00089)	ND (0.00083)	ND (0.0011)	ND (0.0013)
Toluene	500	-	-	ND (0.0019)	ND (0.001)	ND (0.0013)	ND (0.00089)	ND (0.00083)	ND (0.0011)	ND (0.0013)
trans-1,2-Dichloroethene	500	-	-	ND (0.0019)	ND (0.001)	ND (0.0013)	ND (0.00089)	ND (0.00083)	ND (0.0011)	ND (0.0013)
trans-1,3-Dichloropropene	NA	-	-	ND (0.0019)	ND (0.001)	ND (0.0013)	ND (0.00089)	ND (0.00083)	ND (0.0011)	ND (0.0013)
Trichloroethene	200	-	-	ND (0.0019)	ND (0.001)	ND (0.0013)	ND (0.00089)	ND (0.00083)	ND (0.0011)	ND (0.0013)
Trichlorofluoromethane (CFC-11)	NA	-	-	ND (0.0019)	ND (0.001)	ND (0.0013)	ND (0.00089)	ND (0.00083)	ND (0.0011)	ND (0.0013)
Trifluorotrichloroethane (Freon 113)	NA	-	-	ND (0.0019)	ND (0.001)	ND (0.0013)	ND (0.00089)	ND (0.00083)	ND (0.0011)	ND (0.0013)
Vinyl chloride	13	-	-	ND (0.0019)	ND (0.001)	ND (0.0013)	ND (0.00089)	ND (0.00083)	ND (0.0011)	ND (0.0013)
Xylene (Total)	500	-	-	ND (0.0039)	ND (0.0021)	ND (0.0025)	ND (0.0018)	ND (0.0017)	ND (0.0022)	ND (0.0025)

TABLE 26
SUMMARY OF SOIL QUALITY DATA - BERM 61
FORMER PORT MOBIL TERMINAL
STATEN ISLAND, NEW YORK
FILE NO. 0208998

	Criteria									
Location Name	NY Part 375	61A	61A	61A1	61A1	61A2	61A2	61A2	61A3	61A3
Sample Name	Commercial	61A_0-3	61A_3-6	61A1_1-2	61A1_4-5	61A2_0-1	61A2_2-3	61A2_5-6	61A3_3-4	61A3_5-6
Sample Date	Use	10/06/2025	10/06/2025	10/06/2025	10/06/2025	10/06/2025	10/06/2025	10/06/2025	10/06/2025	10/06/2025
Lab Sample ID	Soil Cleanup	460-336556-9	460-336556-10	460-336556-41	460-336556-44	460-336556-47	460-336556-42	460-336556-45	460-336556-43	460-336556-46
Sample Depth (bgs)	Objectives	0 - 3 (ft)	3 - 6 (ft)	1 - 2 (ft)	4 - 5 (ft)	0 - 1 (ft)	2 - 3 (ft)	5 - 6 (ft)	3 - 4 (ft)	5 - 6 (ft)
Semi-Volatile Organic Compounds (mg/kg)										
1,2,4,5-Tetrachlorobenzene	NA	ND (0.36)	ND (0.36)	-	-	-	-	-	-	-
1,4-Dioxane	130	ND (0.036)	ND (0.036)	-	-	-	-	-	-	-
2,2'-oxybis(1-Chloropropane)	NA	ND (0.36)	ND (0.36)	-	-	-	-	-	-	-
2,3,4,6-Tetrachlorophenol	NA	ND (0.36)	ND (0.36)	-	-	-	-	-	-	-
2,4,5-Trichlorophenol	NA	ND (0.36)	ND (0.36)	-	-	-	-	-	-	-
2,4,6-Trichlorophenol	NA	ND (0.14)	ND (0.15)	-	-	-	-	-	-	-
2,4-Dichlorophenol	NA	ND (0.14)	ND (0.15)	-	-	-	-	-	-	-
2,4-Dimethylphenol	NA	ND (0.36)	ND (0.36)	-	-	-	-	-	-	-
2,4-Dinitrophenol	NA	ND (0.29)	ND (0.29)	-	-	-	-	-	-	-
2,4-Dinitrotoluene	NA	ND (0.072)	ND (0.074)	-	-	-	-	-	-	-
2,6-Dinitrotoluene	NA	ND (0.072)	ND (0.074)	-	-	-	-	-	-	-
2-Chloronaphthalene	NA	ND (0.36)	ND (0.36)	-	-	-	-	-	-	-
2-Chlorophenol	NA	ND (0.36)	ND (0.36)	-	-	-	-	-	-	-
2-Methylnaphthalene	NA	ND (0.36)	ND (0.36)	-	-	-	-	-	-	-
2-Methylphenol (o-Cresol)	500	ND (0.36)	ND (0.36)	-	-	-	-	-	-	-
2-Nitroaniline	NA	ND (0.36)	ND (0.36)	-	-	-	-	-	-	-
2-Nitrophenol	NA	ND (0.36)	ND (0.36)	-	-	-	-	-	-	-
3&4-Methylphenol	NA	ND (0.36)	ND (0.36)	-	-	-	-	-	-	-
3,3'-Dichlorobenzidine	NA	ND (0.14)	ND (0.15)	-	-	-	-	-	-	-
3-Nitroaniline	NA	ND (0.36)	ND (0.36)	-	-	-	-	-	-	-
4,6-Dinitro-2-methylphenol	NA	ND (0.29)	ND (0.29)	-	-	-	-	-	-	-
4-Bromophenyl phenyl ether (BDE-3)	NA	ND (0.36)	ND (0.36)	-	-	-	-	-	-	-
4-Chloro-3-methylphenol	NA	ND (0.36)	ND (0.36)	-	-	-	-	-	-	-
4-Chloroaniline	NA	ND (0.36)	ND (0.36)	-	-	-	-	-	-	-
4-Chlorophenyl phenyl ether	NA	ND (0.36)	ND (0.36)	-	-	-	-	-	-	-
4-Methylphenol	500	ND (0.36)	ND (0.36)	-	-	-	-	-	-	-
4-Nitroaniline	NA	ND (0.36)	ND (0.36)	-	-	-	-	-	-	-
4-Nitrophenol	NA	ND (0.72)	ND (0.74)	-	-	-	-	-	-	-
Acenaphthene	500	ND (0.36)	ND (0.36)	-	-	-	-	-	-	-
Acenaphthylene	500	ND (0.36)	ND (0.36)	-	-	-	-	-	-	-
Acetophenone	NA	ND (0.36)	ND (0.36)	-	-	-	-	-	-	-
Anthracene	500	ND (0.36)	ND (0.36)	-	-	-	-	-	-	-
Atrazine	NA	ND (0.14)	ND (0.15)	-	-	-	-	-	-	-
Benzaldehyde	NA	ND (0.36)	ND (0.36)	-	-	-	-	-	-	-
Benzo(a)anthracene	5.6	ND (0.036)	ND (0.036)	-	-	-	-	-	-	-
Benzo(a)pyrene	1	0.017 J	ND (0.036)	-	-	-	-	-	-	-
Benzo(b)fluoranthene	5.6	0.024 J	ND (0.036)	-	-	-	-	-	-	-
Benzo(g,h,i)perylene	500	0.017 J	ND (0.36)	-	-	-	-	-	-	-
Benzo(k)fluoranthene	56	0.007 J	ND (0.036)	-	-	-	-	-	-	-
Biphenyl	NA	ND (0.36)	ND (0.36)	-	-	-	-	-	-	-
bis(2-Chloroethoxy)methane	NA	ND (0.36)	ND (0.36)	-	-	-	-	-	-	-
bis(2-Chloroethyl)ether	NA	ND (0.036)	ND (0.036)	-	-	-	-	-	-	-
bis(2-Ethylhexyl)phthalate	NA	ND (0.36)	ND (0.36)	-	-	-	-	-	-	-
Butyl benzylphthalate (BBP)	NA	ND (0.36)	ND (0.36)	-	-	-	-	-	-	-
Caprolactam	NA	ND (0.36)	ND (0.36)	-	-	-	-	-	-	-
Carbazole	NA	ND (0.36)	ND (0.36)	-	-	-	-	-	-	-
Chrysene	56	0.019 J	ND (0.36)	-	-	-	-	-	-	-
Dibenz(a,h)anthracene	0.56	ND (0.036)	ND (0.036)	-	-	-	-	-	-	-
Dibenzofuran	350	ND (0.36)	ND (0.36)	-	-	-	-	-	-	-
Diethyl phthalate	NA	ND (0.36)	ND (0.36)	-	-	-	-	-	-	-
Dimethyl phthalate	NA	ND (0.36)	ND (0.36)	-	-	-	-	-	-	-
Di-n-butylphthalate (DBP)	NA	ND (0.36)	ND (0.36)	-	-	-	-	-	-	-
Di-n-octyl phthalate (DnOP)	NA	ND (0.36)	ND (0.36)	-	-	-	-	-	-	-
Fluoranthene	500	0.025 J	ND (0.36)	-	-	-	-	-	-	-
Fluorene	500	ND (0.36)	ND (0.36)	-	-	-	-	-	-	-
Hexachlorobenzene	6	ND (0.036)	ND (0.036)	-	-	-	-	-	-	-
Hexachlorobutadiene	NA	ND (0.072)	ND (0.074)	-	-	-	-	-	-	-
Hexachlorocyclopentadiene	NA	ND (0.36)	ND (0.36)	-	-	-	-	-	-	-
Hexachloroethane	NA	ND (0.036)	ND (0.036)	-	-	-	-	-	-	-
Indeno(1,2,3-cd)pyrene	5.6	0.014 J	ND (0.036)	-	-	-	-	-	-	-
Isophorone	NA	ND (0.14)	ND (0.15)	-	-	-	-	-	-	-
Naphthalene	500	ND (0.36)	ND (0.36)	-	-	-	-	-	-	-
Nitrobenzene	NA	ND (0.036)	ND (0.036)	-	-	-	-	-	-	-
N-Nitrosodi-n-propylamine	NA	ND (0.036)	ND (0.036)	-	-	-	-	-	-	-
N-Nitrosodiphenylamine	NA	ND (0.36)	ND (0.36)	-	-	-	-	-	-	-
Pentachlorophenol	6.7	ND (0.29)	ND (0.29)	-	-	-	-	-	-	-
Phenanthrene	500	0.015 J	ND (0.36)	-	-	-	-	-	-	-
Phenol	500	ND (0.36)	ND (0.36)	-	-	-	-	-	-	-
Pyrene	500	0.021 J	ND (0.36)	-	-	-	-	-	-	-

TABLE 26
SUMMARY OF SOIL QUALITY DATA - BERM 61
FORMER PORT MOBIL TERMINAL
STATEN ISLAND, NEW YORK
FILE NO. 0208998

	Criteria									
Location Name	NY Part 375	61A	61A	61A1	61A1	61A2	61A2	61A2	61A3	61A3
Sample Name	Commercial	61A_0-3	61A_3-6	61A1_1-2	61A1_4-5	61A2_0-1	61A2_2-3	61A2_5-6	61A3_3-4	61A3_5-6
Sample Date	Use	10/06/2025	10/06/2025	10/06/2025	10/06/2025	10/06/2025	10/06/2025	10/06/2025	10/06/2025	10/06/2025
Lab Sample ID	Soil Cleanup	460-336556-9	460-336556-10	460-336556-41	460-336556-44	460-336556-47	460-336556-42	460-336556-45	460-336556-43	460-336556-46
Sample Depth (bgs)	Objectives	0 - 3 (ft)	3 - 6 (ft)	1 - 2 (ft)	4 - 5 (ft)	0 - 1 (ft)	2 - 3 (ft)	5 - 6 (ft)	3 - 4 (ft)	5 - 6 (ft)
PFAS (mg/kg)										
11-Chloroeicosafluoro-3-Oxaundecane-1-Sulfonic Acid (11Cl-PF3OUdS)	NA	ND (0.0002)	ND (0.0002)	-	-	-	-	-	-	-
2H,2H,3H,3H-Perfluorooctanoic acid (5:3 FTCA)	NA	ND (0.001)	ND (0.00099)	-	-	-	-	-	-	-
3-(Perfluoroheptyl)propanoic acid (7:3 FTCA)	NA	ND (0.001)	ND (0.00099)	-	-	-	-	-	-	-
3:3 Fluorotelomer carboxylic acid (3:3 FTCA)	NA	ND (0.0004)	ND (0.0004)	-	-	-	-	-	-	-
4,8-Dioxa-3H-Perfluorononanoic Acid (ADONA)	NA	ND (0.0002)	ND (0.0002)	-	-	-	-	-	-	-
4:2 Fluorotelomer sulfonic acid (4:2 FTS)	NA	ND (0.0004)	ND (0.0004)	-	-	-	-	-	-	-
6:2 Fluorotelomer sulfonic acid (6:2 FTS)	NA	ND (0.0004)	ND (0.0004)	-	-	-	-	-	-	-
8:2 Fluorotelomer sulfonic acid (8:2 FTS)	NA	ND (0.0004)	ND (0.0004)	-	-	-	-	-	-	-
9-Chlorohexadecafluoro-3-Oxanone-1-Sulfonic Acid (9Cl-PF3ONS)	NA	ND (0.0002)	ND (0.0002)	-	-	-	-	-	-	-
N-Ethyl Perfluorooctanesulfonamidoacetic Acid (NEtFOSAA)	NA	ND (0.0002)	ND (0.0002)	-	-	-	-	-	-	-
N-Ethylperfluorooctane sulfonamide (N-EtFOSA)	NA	ND (0.0002)	ND (0.0002)	-	-	-	-	-	-	-
N-Ethylperfluorooctane sulfonamidoethanol (N-EtFOSE)	NA	ND (0.001)	ND (0.00099)	-	-	-	-	-	-	-
N-Methyl Perfluorooctanesulfonamidoacetic Acid (NMeFOSAA)	NA	ND (0.0002)	ND (0.0002)	-	-	-	-	-	-	-
N-Methylperfluorooctane sulfonamide (N-MeFOSA)	NA	ND (0.0002)	ND (0.0002)	-	-	-	-	-	-	-
N-Methylperfluorooctane sulfonamidoethanol (N-MeFOSE)	NA	ND (0.001)	ND (0.00099)	-	-	-	-	-	-	-
Nonafluoro-3,6-dioxaheptanoic acid (NFDHA)	NA	ND (0.0002)	ND (0.0002)	-	-	-	-	-	-	-
Perfluoro(2-ethoxyethane) sulphonic acid (PFEESA)	NA	ND (0.0002)	ND (0.0002)	-	-	-	-	-	-	-
Perfluoro(4-methoxybutanoic) acid (PFMBA)	NA	ND (0.0002)	ND (0.0002)	-	-	-	-	-	-	-
Perfluoro-2-propoxypropanoic acid (PFPrOPrA)(GenX) (HFPO-DA)	NA	ND (0.0002)	ND (0.0002)	-	-	-	-	-	-	-
Perfluoro-3-methoxypropanoic acid (PFMPA)	NA	ND (0.0002)	ND (0.0002)	-	-	-	-	-	-	-
Perfluorobutanesulfonic acid (PFBS)	NA	ND (0.0002)	ND (0.0002)	-	-	-	-	-	-	-
Perfluorobutanoic acid (PFBA)	NA	ND (0.0004)	ND (0.0004)	-	-	-	-	-	-	-
Perfluorodecanesulfonic acid (PFDS)	NA	ND (0.0002)	ND (0.0002)	-	-	-	-	-	-	-
Perfluorodecanoic acid (PFDA)	NA	0.00027	0.00036	-	-	-	-	-	-	-
Perfluorododecane sulfonic acid (PFDoDS)	NA	ND (0.0002)	ND (0.0002)	-	-	-	-	-	-	-
Perfluorododecanoic acid (PFDoDA)	NA	ND (0.0002)	0.00021	-	-	-	-	-	-	-
Perfluoroheptanesulfonic acid (PFHpS)	NA	ND (0.0002)	ND (0.0002)	-	-	-	-	-	-	-
Perfluoroheptanoic acid (PFHpA)	NA	ND (0.0002)	ND (0.0002)	-	-	-	-	-	-	-
Perfluorohexanesulfonic acid (PFHxS)	NA	ND (0.0002)	ND (0.0002)	-	-	-	-	-	-	-
Perfluorohexanoic acid (PFHxA)	NA	ND (0.0002)	ND (0.0002)	-	-	-	-	-	-	-
Perfluorononane sulfonic acid (PFNS)	NA	ND (0.0002)	ND (0.0002)	-	-	-	-	-	-	-
Perfluorononanoic acid (PFNA)	NA	0.00129	0.00329	-	-	-	-	-	-	-
Perfluorooctane sulfonamide (PFOSA)	NA	ND (0.0002)	ND (0.0002)	-	-	-	-	-	-	-
Perfluorooctanesulfonic acid (PFOS)	0.44	ND (0.0002)	ND (0.0002)	-	-	-	-	-	-	-
Perfluorooctanoic acid (PFOA)	0.5	0.000073 J	0.000085 J	-	-	-	-	-	-	-
Perfluoropentanesulfonic acid (PFPeS)	NA	ND (0.0002)	ND (0.0002)	-	-	-	-	-	-	-
Perfluoropentanoic acid (PFPeA)	NA	ND (0.0002)	ND (0.0002)	-	-	-	-	-	-	-
Perfluorotetradecanoic acid (PFTeDA)	NA	ND (0.0002)	ND (0.0002)	-	-	-	-	-	-	-
Perfluorotridecanoic acid (PFTrDA)	NA	0.00077	0.00536	-	-	-	-	-	-	-
Perfluoroundecanoic acid (PFUnDA)	NA	0.00133	0.0152	-	-	-	-	-	-	-
Pesticides (mg/kg)										
4,4'-DDD	92	ND (0.0073)	ND (0.0075)	-	-	-	-	-	-	-
4,4'-DDE	62	ND (0.0073)	ND (0.0075)	-	-	-	-	-	-	-
4,4'-DDT	47	ND (0.0073)	ND (0.0075)	-	-	-	-	-	-	-
Aldrin	0.68	ND (0.0073)	ND (0.0075)	-	-	-	-	-	-	-
alpha-BHC	3.4	ND (0.0022)	ND (0.0022)	-	-	-	-	-	-	-
alpha-Chlordane (cis)	24	ND (0.0073)	ND (0.0075)	-	-	-	-	-	-	-
beta-BHC	3	ND (0.0022)	ND (0.0022)	-	-	-	-	-	-	-
Chlordane	NA	ND (0.073)	ND (0.075)	-	-	-	-	-	-	-
delta-BHC	500	ND (0.0022)	ND (0.0022)	-	-	-	-	-	-	-
Dieldrin	1.4	ND (0.0022)	ND (0.0022)	-	-	-	-	-	-	-
Endosulfan I	200	ND (0.0073)	ND (0.0075)	-	-	-	-	-	-	-
Endosulfan II	200	ND (0.0073)	ND (0.0075)	-	-	-	-	-	-	-
Endosulfan sulfate	200	ND (0.0073)	ND (0.0075)	-	-	-	-	-	-	-
Endrin	89	ND (0.0073)	ND (0.0075)	-	-	-	-	-	-	-
Endrin aldehyde	NA	ND (0.0073)	ND (0.0075)	-	-	-	-	-	-	-
Endrin ketone	NA	ND (0.0073)	ND (0.0075)	-	-	-	-	-	-	-
gamma-BHC (Lindane)	9.2	ND (0.0022)	ND (0.0022)	-	-	-	-	-	-	-
Heptachlor	15	ND (0.0073)	ND (0.0075)	-	-	-	-	-	-	-
Heptachlor epoxide	NA	ND (0.0073)	ND (0.0075)	-	-	-	-	-	-	-
Methoxychlor	NA	ND (0.0073)	ND (0.0075)	-	-	-	-	-	-	-
Toxaphene	NA	ND (0.073)	ND (0.075)	-	-	-	-	-	-	-

TABLE 26
SUMMARY OF SOIL QUALITY DATA - BERM 61
FORMER PORT MOBIL TERMINAL
STATEN ISLAND, NEW YORK
FILE NO. 0208998

	Criteria									
Location Name	NY Part 375	61A	61A	61A1	61A1	61A2	61A2	61A2	61A3	61A3
Sample Name	Commercial	61A_0-3	61A_3-6	61A1_1-2	61A1_4-5	61A2_0-1	61A2_2-3	61A2_5-6	61A3_3-4	61A3_5-6
Sample Date	Use	10/06/2025	10/06/2025	10/06/2025	10/06/2025	10/06/2025	10/06/2025	10/06/2025	10/06/2025	10/06/2025
Lab Sample ID	Soil Cleanup	460-336556-9	460-336556-10	460-336556-41	460-336556-44	460-336556-47	460-336556-42	460-336556-45	460-336556-43	460-336556-46
Sample Depth (bgs)	Objectives	0 - 3 (ft)	3 - 6 (ft)	1 - 2 (ft)	4 - 5 (ft)	0 - 1 (ft)	2 - 3 (ft)	5 - 6 (ft)	3 - 4 (ft)	5 - 6 (ft)
Polychlorinated Biphenyls (mg/kg)										
Aroclor-1016 (PCB-1016)	NA	ND (0.073)	ND (0.075)	-	-	-	-	-	-	-
Aroclor-1221 (PCB-1221)	NA	ND (0.073)	ND (0.075)	-	-	-	-	-	-	-
Aroclor-1232 (PCB-1232)	NA	ND (0.073)	ND (0.075)	-	-	-	-	-	-	-
Aroclor-1242 (PCB-1242)	NA	ND (0.073)	ND (0.075)	-	-	-	-	-	-	-
Aroclor-1248 (PCB-1248)	NA	ND (0.073)	ND (0.075)	-	-	-	-	-	-	-
Aroclor-1254 (PCB-1254)	NA	ND (0.073)	ND (0.075)	-	-	-	-	-	-	-
Aroclor-1260 (PCB-1260)	NA	ND (0.073)	ND (0.075)	-	-	-	-	-	-	-
Aroclor-1262 (PCB-1262)	NA	ND (0.073)	ND (0.075)	-	-	-	-	-	-	-
Aroclor-1268 (PCB-1268)	NA	ND (0.073)	ND (0.075)	-	-	-	-	-	-	-
Total PCBs	1	ND (0.073)	ND (0.075)	-	-	-	-	-	-	-
Inorganic Compounds (mg/kg)										
Aluminum	NA	8750	5410	-	-	-	-	-	-	-
Antimony	NA	1.3	2.9	-	-	-	-	-	-	-
Arsenic	16	6.3	9	-	-	-	-	-	-	-
Barium	400	53.1	34.4	-	-	-	-	-	-	-
Beryllium	590	0.56	0.53	-	-	-	-	-	-	-
Cadmium	9.3	0.17 J	0.22 J	-	-	-	-	-	-	-
Calcium	NA	809	526	-	-	-	-	-	-	-
Chromium	NA	16.8	14	-	-	-	-	-	-	-
Cobalt	NA	7.5	5.3	-	-	-	-	-	-	-
Copper	270	29.4	64.5	-	-	-	-	-	-	-
Iron	NA	24000	18500	-	-	-	-	-	-	-
Lead	1000	24.2	47	-	-	-	-	-	-	-
Magnesium	NA	2920	1440	-	-	-	-	-	-	-
Manganese	10000	333	187	-	-	-	-	-	-	-
Mercury	2.8	0.021	0.03	-	-	-	-	-	-	-
Nickel	310	15.9	17	-	-	-	-	-	-	-
Potassium	NA	1700	1470	-	-	-	-	-	-	-
Selenium	1500	0.27 J	0.3 J	-	-	-	-	-	-	-
Silver	1500	0.13 J	0.49	-	-	-	-	-	-	-
Sodium	NA	91.6	42.1 J	-	-	-	-	-	-	-
Thallium	NA	0.11 J	0.073 J	-	-	-	-	-	-	-
Vanadium	NA	25	25	-	-	-	-	-	-	-
Zinc	10000	52.4	54.7	-	-	-	-	-	-	-

ABBREVIATIONS AND NOTES:

mg/kg: milligram per kilogram

**: LCS or LCSD is outside acceptance limits.*
-: Not Analyzed
B: Compound was found in the blank and the associated sample.
bgs: below ground surface
ft: feet
J: Value is estimated.
NA: Not Applicable
ND (2.5): Not detected, number in parentheses is the laboratory reporting limit

- For test methods used, see the laboratory data sheets.
- Soil analytical results are compared to the New York State Department of Environmental Conservation (NYSDEC) Title 6 of the Official Compilation of New York Codes, Rules, and Regulations (NYCRR) Part 375 Commercial Use Soil Cleanup Objectives (SCO).
- Grey shading indicates an exceedance of the Commercial Use Soil Cleanup Objectives.

TABLE 27
SUMMARY OF SOIL QUALITY DATA - BERM 62
FORMER PORT MOBIL TERMINAL
STATEN ISLAND, NEW YORK
FILE NO. 0208998

	Criteria									
Location Name	NY Part 375	62A	62A	62A1	62A1	62A1	62A2	62A2	62A3	62A3
Sample Name	Commercial	62A_0-5	62A_5-10	62A1_1-2	62A1_4-5	62A1_9-10	62A2_2-3	62A2_5-6	62A3_3-4	62A3_7-8
Sample Date	Use	10/06/2025	10/06/2025	10/06/2025	10/06/2025	10/06/2025	10/06/2025	10/06/2025	10/06/2025	10/06/2025
Lab Sample ID	Soil Cleanup	460-336556-11	460-336556-12	460-336556-48	460-336556-51	460-336556-54	460-336556-49	460-336556-52	460-336556-50	460-336556-53
Sample Depth (bgs)	Objectives	0 - 5 (ft)	5 - 10 (ft)	1 - 2 (ft)	4 - 5 (ft)	9 - 10 (ft)	2 - 3 (ft)	5 - 6 (ft)	3 - 4 (ft)	7 - 8 (ft)
Volatile Organic Compounds (mg/kg)										
1,1,1-Trichloroethane	500	-	-	ND (0.00086)	ND (0.00097)	ND (0.0014)	ND (0.001)	ND (0.0013)	ND (0.0012)	ND (0.0011)
1,1,2,2-Tetrachloroethane	NA	-	-	ND (0.00086)	ND (0.00097)	ND (0.0014)	ND (0.001)	ND (0.0013)	ND (0.0012)	ND (0.0011)
1,1,2-Trichloroethane	NA	-	-	ND (0.00086)	ND (0.00097)	ND (0.0014)	ND (0.001)	ND (0.0013)	ND (0.0012)	ND (0.0011)
1,1-Dichloroethane	240	-	-	ND (0.00086)	ND (0.00097)	ND (0.0014)	ND (0.001)	ND (0.0013)	ND (0.0012)	ND (0.0011)
1,1-Dichloroethene	500	-	-	ND (0.00086)	ND (0.00097)	ND (0.0014)	ND (0.001)	ND (0.0013)	ND (0.0012)	ND (0.0011)
1,2,3-Trichlorobenzene	NA	-	-	ND (0.00086)	ND (0.00097)	ND (0.0014)	ND (0.001)	ND (0.0013)	ND (0.0012)	ND (0.0011)
1,2,4-Trichlorobenzene	NA	-	-	ND (0.00086)	ND (0.00097)	ND (0.0014)	ND (0.001)	ND (0.0013)	ND (0.0012)	ND (0.0011)
1,2,4-Trimethylbenzene	190	-	-	ND (0.00086)	ND (0.00097)	ND (0.0014)	ND (0.001)	ND (0.0013)	ND (0.0012)	ND (0.0011)
1,2-Dibromo-3-chloropropane (DBCP)	NA	-	-	ND (0.00086)	ND (0.00097)	ND (0.0014)	ND (0.001)	ND (0.0013)	ND (0.0012)	ND (0.0011)
1,2-Dibromoethane (Ethylene Dibromide)	NA	-	-	ND (0.00086)	ND (0.00097)	ND (0.0014)	ND (0.001)	ND (0.0013)	ND (0.0012)	ND (0.0011)
1,2-Dichlorobenzene	500	-	-	ND (0.00086)	ND (0.00097)	ND (0.0014)	ND (0.001)	ND (0.0013)	ND (0.0012)	ND (0.0011)
1,2-Dichloroethane	30	-	-	ND (0.00086)	ND (0.00097)	ND (0.0014)	ND (0.001)	ND (0.0013)	ND (0.0012)	ND (0.0011)
1,2-Dichloropropane	NA	-	-	ND (0.00086)	ND (0.00097)	ND (0.0014)	ND (0.001)	ND (0.0013)	ND (0.0012)	ND (0.0011)
1,3,5-Trimethylbenzene	190	-	-	ND (0.00086)	ND (0.00097)	ND (0.0014)	ND (0.001)	ND (0.0013)	ND (0.0012)	ND (0.0011)
1,3-Dichlorobenzene	280	-	-	ND (0.00086)	ND (0.00097)	ND (0.0014)	ND (0.001)	ND (0.0013)	ND (0.0012)	ND (0.0011)
1,4-Dichlorobenzene	130	-	-	ND (0.00086)	ND (0.00097)	ND (0.0014)	ND (0.001)	ND (0.0013)	ND (0.0012)	ND (0.0011)
2-Butanone (Methyl Ethyl Ketone)	500	-	-	ND (0.0043)	ND (0.0048)	ND (0.0068)	ND (0.0051)	ND (0.0067)	ND (0.0059)	ND (0.0054)
2-Hexanone (Methyl Butyl Ketone)	NA	-	-	ND (0.0043)	ND (0.0048)	ND (0.0068)	ND (0.0051)	ND (0.0067)	ND (0.0059)	ND (0.0054)
2-Phenylbutane (sec-Butylbenzene)	500	-	-	ND (0.00086)	ND (0.00097)	ND (0.0014)	ND (0.001)	ND (0.0013)	ND (0.0012)	ND (0.0011)
4-Methyl-2-Pentanone (Methyl Isobutyl Ketone)	NA	-	-	ND (0.0043)	ND (0.0048)	ND (0.0068)	ND (0.0051)	ND (0.0067)	ND (0.0059)	ND (0.0054)
Acetone	500	-	-	0.036	ND (0.0058)	0.1	ND (0.0061)	0.011	0.06	0.046
Benzene	44	-	-	ND (0.00086)	ND (0.00097)	ND (0.0014)	ND (0.001)	ND (0.0013)	ND (0.0012)	ND (0.0011)
Bromodichloromethane	NA	-	-	ND (0.00086)	ND (0.00097)	ND (0.0014)	ND (0.001)	ND (0.0013)	ND (0.0012)	ND (0.0011)
Bromoform	NA	-	-	ND (0.00086)	ND (0.00097)	ND (0.0014)	ND (0.001)	ND (0.0013)	ND (0.0012)	ND (0.0011)
Bromomethane (Methyl Bromide)	NA	-	-	ND (0.0017) *	ND (0.0019)	ND (0.0027)	ND (0.002)	ND (0.0027) *	ND (0.0023)	ND (0.0021)
Carbon disulfide	NA	-	-	ND (0.00086)	ND (0.00097)	ND (0.0014)	ND (0.001)	ND (0.0013)	ND (0.0012)	ND (0.0011)
Carbon tetrachloride	22	-	-	ND (0.00086)	ND (0.00097)	ND (0.0014)	ND (0.001)	ND (0.0013)	ND (0.0012)	ND (0.0011)
Chlorobenzene	500	-	-	ND (0.00086)	ND (0.00097)	ND (0.0014)	ND (0.001)	ND (0.0013)	ND (0.0012)	ND (0.0011)
Chlorobromomethane	NA	-	-	ND (0.00086)	ND (0.00097)	ND (0.0014)	ND (0.001)	ND (0.0013)	ND (0.0012)	ND (0.0011)
Chloroethane	NA	-	-	ND (0.00086)	ND (0.00097)	ND (0.0014)	ND (0.001)	ND (0.0013) *	ND (0.0012)	ND (0.0011)
Chloroform (Trichloromethane)	350	-	-	ND (0.00086)	ND (0.00097)	ND (0.0014)	ND (0.001)	ND (0.0013)	ND (0.0012)	ND (0.0011)
Chloromethane (Methyl Chloride)	NA	-	-	ND (0.00086)	ND (0.00097)	ND (0.0014)	ND (0.001)	ND (0.0013)	ND (0.0012)	ND (0.0011)
cis-1,2-Dichloroethene	500	-	-	ND (0.00086)	ND (0.00097)	ND (0.0014)	ND (0.001)	ND (0.0013)	ND (0.0012)	ND (0.0011)
cis-1,3-Dichloropropene	NA	-	-	ND (0.00086)	ND (0.00097)	ND (0.0014)	ND (0.001)	ND (0.0013)	ND (0.0012)	ND (0.0011)
Cyclohexane	NA	-	-	ND (0.00086)	ND (0.00097)	ND (0.0014)	ND (0.001)	ND (0.0013)	ND (0.0012)	ND (0.0011)
Dibromochloromethane	NA	-	-	ND (0.00086)	ND (0.00097)	ND (0.0014)	ND (0.001)	ND (0.0013)	ND (0.0012)	ND (0.0011)
Dichlorodifluoromethane (CFC-12)	NA	-	-	ND (0.00086)	ND (0.00097)	ND (0.0014)	ND (0.001)	ND (0.0013)	ND (0.0012)	ND (0.0011)
Ethylbenzene	390	-	-	ND (0.00086)	ND (0.00097)	ND (0.0014)	ND (0.001)	ND (0.0013)	ND (0.0012)	ND (0.0011)
Isopropylbenzene (Cumene)	NA	-	-	ND (0.00086)	ND (0.00097)	ND (0.0014)	ND (0.001)	ND (0.0013)	ND (0.0012)	ND (0.0011)
m,p-Xylenes	NA	-	-	ND (0.00086)	ND (0.00097)	ND (0.0014)	ND (0.001)	ND (0.0013)	ND (0.0012)	ND (0.0011)
Methyl acetate	NA	-	-	ND (0.0043)	ND (0.0048)	0.0064 J	ND (0.0051)	ND (0.0067)	ND (0.0059)	ND (0.0054)
Methyl Tert Butyl Ether (MTBE)	500	-	-	ND (0.00086)	ND (0.00097)	ND (0.0014)	ND (0.001)	ND (0.0013)	ND (0.0012)	ND (0.0011)
Methylcyclohexane	NA	-	-	ND (0.00086)	ND (0.00097)	ND (0.0014)	ND (0.001)	ND (0.0013)	ND (0.0012)	ND (0.0011)
Methylene chloride (Dichloromethane)	500	-	-	ND (0.0017)	ND (0.0019)	ND (0.0027)	ND (0.002)	ND (0.0027)	ND (0.0023)	ND (0.0021)
n-Butylbenzene	500	-	-	ND (0.00086)	ND (0.00097)	ND (0.0014)	ND (0.001)	ND (0.0013)	ND (0.0012)	ND (0.0011)
n-Propylbenzene	500	-	-	ND (0.00086)	ND (0.00097)	ND (0.0014)	ND (0.001)	ND (0.0013)	ND (0.0012)	ND (0.0011)
o-Xylene	NA	-	-	ND (0.00086)	ND (0.00097)	ND (0.0014)	ND (0.001)	ND (0.0013)	ND (0.0012)	ND (0.0011)
Styrene	NA	-	-	ND (0.00086)	ND (0.00097)	ND (0.0014)	ND (0.001)	ND (0.0013)	ND (0.0012)	ND (0.0011)
tert-Butylbenzene	500	-	-	ND (0.00086)	ND (0.00097)	ND (0.0014)	ND (0.001)	ND (0.0013)	ND (0.0012)	ND (0.0011)
Tetrachloroethene	150	-	-	ND (0.00086)	ND (0.00097)	ND (0.0014)	ND (0.001)	ND (0.0013)	ND (0.0012)	ND (0.0011)
Toluene	500	-	-	ND (0.00086)	ND (0.00097)	ND (0.0014)	ND (0.001)	ND (0.0013)	ND (0.0012)	ND (0.0011)
trans-1,2-Dichloroethene	500	-	-	ND (0.00086)	ND (0.00097)	ND (0.0014)	ND (0.001)	ND (0.0013)	ND (0.0012)	ND (0.0011)
trans-1,3-Dichloropropene	NA	-	-	ND (0.00086)	ND (0.00097)	ND (0.0014)	ND (0.001)	ND (0.0013)	ND (0.0012)	ND (0.0011)
Trichloroethene	200	-	-	ND (0.00086)	ND (0.00097)	ND (0.0014)	ND (0.001)	ND (0.0013)	ND (0.0012)	ND (0.0011)
Trichlorofluoromethane (CFC-11)	NA	-	-	ND (0.00086)	ND (0.00097)	ND (0.0014)	ND (0.001)	ND (0.0013)	ND (0.0012)	ND (0.0011)
Trifluorotrichloroethane (Freon 113)	NA	-	-	ND (0.00086)	ND (0.00097)	ND (0.0014)	ND (0.001)	ND (0.0013)	ND (0.0012)	ND (0.0011)
Vinyl chloride	13	-	-	ND (0.00086)	ND (0.00097)	ND (0.0014)	ND (0.001)	ND (0.0013)	ND (0.0012)	ND (0.0011)
Xylene (Total)	500	-	-	ND (0.0017)	ND (0.0019)	ND (0.0027)	ND (0.002)	ND (0.0027)	ND (0.0023)	ND (0.0021)

TABLE 27
SUMMARY OF SOIL QUALITY DATA - BERM 62
FORMER PORT MOBIL TERMINAL
STATEN ISLAND, NEW YORK
FILE NO. 0208998

	Criteria									
Location Name	NY Part 375	62A	62A	62A1	62A1	62A1	62A2	62A2	62A3	62A3
Sample Name	Commercial	62A_0-5	62A_5-10	62A1_1-2	62A1_4-5	62A1_9-10	62A2_2-3	62A2_5-6	62A3_3-4	62A3_7-8
Sample Date	Use	10/06/2025	10/06/2025	10/06/2025	10/06/2025	10/06/2025	10/06/2025	10/06/2025	10/06/2025	10/06/2025
Lab Sample ID	Soil Cleanup	460-336556-11	460-336556-12	460-336556-48	460-336556-51	460-336556-54	460-336556-49	460-336556-52	460-336556-50	460-336556-53
Sample Depth (bgs)	Objectives	0 - 5 (ft)	5 - 10 (ft)	1 - 2 (ft)	4 - 5 (ft)	9 - 10 (ft)	2 - 3 (ft)	5 - 6 (ft)	3 - 4 (ft)	7 - 8 (ft)
Semi-Volatile Organic Compounds (mg/kg)										
1,2,4,5-Tetrachlorobenzene	NA	ND (0.36)	ND (0.38)	-	-	-	-	-	-	-
1,4-Dioxane	130	ND (0.036)	ND (0.038)	-	-	-	-	-	-	-
2,2'-oxybis(1-Chloropropane)	NA	ND (0.36)	ND (0.38)	-	-	-	-	-	-	-
2,3,4,6-Tetrachlorophenol	NA	ND (0.36)	ND (0.38)	-	-	-	-	-	-	-
2,4,5-Trichlorophenol	NA	ND (0.36)	ND (0.38)	-	-	-	-	-	-	-
2,4,6-Trichlorophenol	NA	ND (0.15)	ND (0.15)	-	-	-	-	-	-	-
2,4-Dichlorophenol	NA	ND (0.15)	ND (0.15)	-	-	-	-	-	-	-
2,4-Dimethylphenol	NA	ND (0.36)	ND (0.38)	-	-	-	-	-	-	-
2,4-Dinitrophenol	NA	ND (0.29)	ND (0.3)	-	-	-	-	-	-	-
2,4-Dinitrotoluene	NA	ND (0.073)	ND (0.076)	-	-	-	-	-	-	-
2,6-Dinitrotoluene	NA	ND (0.073)	ND (0.076)	-	-	-	-	-	-	-
2-Chloronaphthalene	NA	ND (0.36)	ND (0.38)	-	-	-	-	-	-	-
2-Chlorophenol	NA	ND (0.36)	ND (0.38)	-	-	-	-	-	-	-
2-Methylnaphthalene	NA	ND (0.36)	ND (0.38)	-	-	-	-	-	-	-
2-Methylphenol (o-Cresol)	500	ND (0.36)	ND (0.38)	-	-	-	-	-	-	-
2-Nitroaniline	NA	ND (0.36)	ND (0.38)	-	-	-	-	-	-	-
2-Nitrophenol	NA	ND (0.36)	ND (0.38)	-	-	-	-	-	-	-
3&4-Methylphenol	NA	ND (0.36)	ND (0.38)	-	-	-	-	-	-	-
3,3'-Dichlorobenzidine	NA	ND (0.15)	ND (0.15)	-	-	-	-	-	-	-
3-Nitroaniline	NA	ND (0.36)	ND (0.38)	-	-	-	-	-	-	-
4,6-Dinitro-2-methylphenol	NA	ND (0.29)	ND (0.3)	-	-	-	-	-	-	-
4-Bromophenyl phenyl ether (BDE-3)	NA	ND (0.36)	ND (0.38)	-	-	-	-	-	-	-
4-Chloro-3-methylphenol	NA	ND (0.36)	ND (0.38)	-	-	-	-	-	-	-
4-Chloroaniline	NA	ND (0.36)	ND (0.38)	-	-	-	-	-	-	-
4-Chlorophenyl phenyl ether	NA	ND (0.36)	ND (0.38)	-	-	-	-	-	-	-
4-Methylphenol	500	ND (0.36)	ND (0.38)	-	-	-	-	-	-	-
4-Nitroaniline	NA	ND (0.36)	ND (0.38)	-	-	-	-	-	-	-
4-Nitrophenol	NA	ND (0.73)	ND (0.76)	-	-	-	-	-	-	-
Acenaphthene	500	ND (0.36)	ND (0.38)	-	-	-	-	-	-	-
Acenaphthylene	500	ND (0.36)	ND (0.38)	-	-	-	-	-	-	-
Acetophenone	NA	ND (0.36)	ND (0.38)	-	-	-	-	-	-	-
Anthracene	500	ND (0.36)	ND (0.38)	-	-	-	-	-	-	-
Atrazine	NA	ND (0.15)	ND (0.15)	-	-	-	-	-	-	-
Benzaldehyde	NA	ND (0.36)	ND (0.38)	-	-	-	-	-	-	-
Benzo(a)anthracene	5.6	ND (0.036)	ND (0.038)	-	-	-	-	-	-	-
Benzo(a)pyrene	1	ND (0.036)	ND (0.038)	-	-	-	-	-	-	-
Benzo(b)fluoranthene	5.6	ND (0.036)	ND (0.038)	-	-	-	-	-	-	-
Benzo(g,h,i)perylene	500	ND (0.36)	ND (0.38)	-	-	-	-	-	-	-
Benzo(k)fluoranthene	56	ND (0.036)	ND (0.038)	-	-	-	-	-	-	-
Biphenyl	NA	ND (0.36)	ND (0.38)	-	-	-	-	-	-	-
bis(2-Chloroethoxy)methane	NA	ND (0.36)	ND (0.38)	-	-	-	-	-	-	-
bis(2-Chloroethyl)ether	NA	ND (0.036)	ND (0.038)	-	-	-	-	-	-	-
bis(2-Ethylhexyl)phthalate	NA	ND (0.36)	ND (0.38)	-	-	-	-	-	-	-
Butyl benzylphthalate (BBP)	NA	ND (0.36)	ND (0.38)	-	-	-	-	-	-	-
Caprolactam	NA	ND (0.36)	ND (0.38)	-	-	-	-	-	-	-
Carbazole	NA	ND (0.36)	ND (0.38)	-	-	-	-	-	-	-
Chrysene	56	ND (0.36)	ND (0.38)	-	-	-	-	-	-	-
Dibenz(a,h)anthracene	0.56	ND (0.036)	ND (0.038)	-	-	-	-	-	-	-
Dibenzofuran	350	ND (0.36)	ND (0.38)	-	-	-	-	-	-	-
Diethyl phthalate	NA	ND (0.36)	ND (0.38)	-	-	-	-	-	-	-
Dimethyl phthalate	NA	ND (0.36)	ND (0.38)	-	-	-	-	-	-	-
Di-n-butylphthalate (DBP)	NA	ND (0.36)	ND (0.38)	-	-	-	-	-	-	-
Di-n-octyl phthalate (DnOP)	NA	ND (0.36)	ND (0.38)	-	-	-	-	-	-	-
Fluoranthene	500	ND (0.36)	ND (0.38)	-	-	-	-	-	-	-
Fluorene	500	ND (0.36)	ND (0.38)	-	-	-	-	-	-	-
Hexachlorobenzene	6	ND (0.036)	ND (0.038)	-	-	-	-	-	-	-
Hexachlorobutadiene	NA	ND (0.073)	ND (0.076)	-	-	-	-	-	-	-
Hexachlorocyclopentadiene	NA	ND (0.36)	ND (0.38)	-	-	-	-	-	-	-
Hexachloroethane	NA	ND (0.036)	ND (0.038)	-	-	-	-	-	-	-
Indeno(1,2,3-cd)pyrene	5.6	ND (0.036)	ND (0.038)	-	-	-	-	-	-	-
Isophorone	NA	ND (0.15)	ND (0.15)	-	-	-	-	-	-	-
Naphthalene	500	ND (0.36)	ND (0.38)	-	-	-	-	-	-	-
Nitrobenzene	NA	ND (0.036)	ND (0.038)	-	-	-	-	-	-	-
N-Nitrosodi-n-propylamine	NA	ND (0.036)	ND (0.038)	-	-	-	-	-	-	-
N-Nitrosodiphenylamine	NA	ND (0.36)	ND (0.38)	-	-	-	-	-	-	-
Pentachlorophenol	6.7	ND (0.29)	ND (0.3)	-	-	-	-	-	-	-
Phenanthrene	500	ND (0.36)	ND (0.38)	-	-	-	-	-	-	-
Phenol	500	ND (0.36)	ND (0.38)	-	-	-	-	-	-	-
Pyrene	500	ND (0.36)	ND (0.38)	-	-	-	-	-	-	-

TABLE 27
SUMMARY OF SOIL QUALITY DATA - BERM 62
FORMER PORT MOBIL TERMINAL
STATEN ISLAND, NEW YORK
FILE NO. 0208998

	Criteria									
Location Name	NY Part 375	62A	62A	62A1	62A1	62A1	62A2	62A2	62A3	62A3
Sample Name	Commercial	62A_0-5	62A_5-10	62A1_1-2	62A1_4-5	62A1_9-10	62A2_2-3	62A2_5-6	62A3_3-4	62A3_7-8
Sample Date	Use	10/06/2025	10/06/2025	10/06/2025	10/06/2025	10/06/2025	10/06/2025	10/06/2025	10/06/2025	10/06/2025
Lab Sample ID	Soil Cleanup	460-336556-11	460-336556-12	460-336556-48	460-336556-51	460-336556-54	460-336556-49	460-336556-52	460-336556-50	460-336556-53
Sample Depth (bgs)	Objectives	0 - 5 (ft)	5 - 10 (ft)	1 - 2 (ft)	4 - 5 (ft)	9 - 10 (ft)	2 - 3 (ft)	5 - 6 (ft)	3 - 4 (ft)	7 - 8 (ft)
PFAS (mg/kg)										
11-Chloroeicosafluoro-3-Oxaundecane-1-Sulfonic Acid (11Cl-PF3OUdS)	NA	ND (0.0002)	ND (0.00019)	-	-	-	-	-	-	-
2H,2H,3H,3H-Perfluorooctanoic acid (5:3 FTCA)	NA	ND (0.001)	ND (0.00096)	-	-	-	-	-	-	-
3-(Perfluoroheptyl)propanoic acid (7:3 FTCA)	NA	ND (0.001)	ND (0.00096)	-	-	-	-	-	-	-
3:3 Fluorotelomer carboxylic acid (3:3 FTCA)	NA	ND (0.0004)	ND (0.00039)	-	-	-	-	-	-	-
4,8-Dioxa-3H-Perfluorononanoic Acid (ADONA)	NA	ND (0.0002)	ND (0.00019)	-	-	-	-	-	-	-
4:2 Fluorotelomer sulfonic acid (4:2 FTS)	NA	ND (0.0004)	ND (0.00039)	-	-	-	-	-	-	-
6:2 Fluorotelomer sulfonic acid (6:2 FTS)	NA	ND (0.0004)	0.00022 J	-	-	-	-	-	-	-
8:2 Fluorotelomer sulfonic acid (8:2 FTS)	NA	0.00127	0.00196	-	-	-	-	-	-	-
9-Chlorohexadecafluoro-3-Oxanone-1-Sulfonic Acid (9Cl-PF3ONS)	NA	ND (0.0002)	ND (0.00019)	-	-	-	-	-	-	-
N-Ethyl Perfluorooctanesulfonamidoacetic Acid (NEtFOSAA)	NA	ND (0.0002)	ND (0.00019)	-	-	-	-	-	-	-
N-Ethylperfluorooctane sulfonamide (N-EtFOSA)	NA	ND (0.0002)	ND (0.00019)	-	-	-	-	-	-	-
N-Ethylperfluorooctane sulfonamidoethanol (N-EtFOSE)	NA	ND (0.001)	ND (0.00096)	-	-	-	-	-	-	-
N-Methyl Perfluorooctanesulfonamidoacetic Acid (NMeFOSAA)	NA	ND (0.0002)	ND (0.00019)	-	-	-	-	-	-	-
N-Methylperfluorooctane sulfonamide (N-MeFOSA)	NA	ND (0.0002)	ND (0.00019)	-	-	-	-	-	-	-
N-Methylperfluorooctane sulfonamidoethanol (N-MeFOSE)	NA	ND (0.001)	ND (0.00096)	-	-	-	-	-	-	-
Nonafluoro-3,6-dioxaheptanoic acid (NFDHA)	NA	ND (0.0002)	ND (0.00019)	-	-	-	-	-	-	-
Perfluoro(2-ethoxyethane) sulphonic acid (PFEESA)	NA	ND (0.0002)	ND (0.00019)	-	-	-	-	-	-	-
Perfluoro(4-methoxybutanoic) acid (PFMBA)	NA	ND (0.0002)	ND (0.00019)	-	-	-	-	-	-	-
Perfluoro-2-propoxypropanoic acid (PFPrOPrA)(GenX) (HFPO-DA)	NA	ND (0.0002)	ND (0.00019)	-	-	-	-	-	-	-
Perfluoro-3-methoxypropanoic acid (PFMPA)	NA	ND (0.0002)	ND (0.00019)	-	-	-	-	-	-	-
Perfluorobutanesulfonic acid (PFBS)	NA	ND (0.0002)	ND (0.00019)	-	-	-	-	-	-	-
Perfluorobutanoic acid (PFBA)	NA	ND (0.0004)	ND (0.00039)	-	-	-	-	-	-	-
Perfluorodecanesulfonic acid (PFDS)	NA	ND (0.0002)	ND (0.00019)	-	-	-	-	-	-	-
Perfluorodecanoic acid (PFDA)	NA	0.00109	0.00094	-	-	-	-	-	-	-
Perfluorododecane sulfonic acid (PFDoDS)	NA	ND (0.0002)	ND (0.00019)	-	-	-	-	-	-	-
Perfluorododecanoic acid (PFDoDA)	NA	0.00057	0.00079	-	-	-	-	-	-	-
Perfluoroheptanesulfonic acid (PFHpS)	NA	ND (0.0002)	ND (0.00019)	-	-	-	-	-	-	-
Perfluoroheptanoic acid (PFHpA)	NA	0.00026	0.0002	-	-	-	-	-	-	-
Perfluorohexanesulfonic acid (PFHxS)	NA	ND (0.0002)	ND (0.00019)	-	-	-	-	-	-	-
Perfluorohexanoic acid (PFHxA)	NA	ND (0.0002)	ND (0.00019)	-	-	-	-	-	-	-
Perfluorononane sulfonic acid (PFNS)	NA	ND (0.0002)	ND (0.00019)	-	-	-	-	-	-	-
Perfluorononanoic acid (PFNA)	NA	0.00232	0.00088	-	-	-	-	-	-	-
Perfluorooctane sulfonamide (PFOSA)	NA	ND (0.0002)	ND (0.00019)	-	-	-	-	-	-	-
Perfluorooctanesulfonic acid (PFOS)	0.44	ND (0.0002)	ND (0.00019)	-	-	-	-	-	-	-
Perfluorooctanoic acid (PFOA)	0.5	0.00031	0.00019	-	-	-	-	-	-	-
Perfluoropentanesulfonic acid (PFPeS)	NA	ND (0.0002)	ND (0.00019)	-	-	-	-	-	-	-
Perfluoropentanoic acid (PFPeA)	NA	ND (0.0002)	ND (0.00019)	-	-	-	-	-	-	-
Perfluorotetradecanoic acid (PFTeDA)	NA	0.00018 J	0.00019	-	-	-	-	-	-	-
Perfluorotridecanoic acid (PFTrDA)	NA	0.00409	0.00326	-	-	-	-	-	-	-
Perfluoroundecanoic acid (PFUnDA)	NA	0.00863	0.00695	-	-	-	-	-	-	-
Pesticides (mg/kg)										
4,4'-DDD	92	ND (0.0073)	ND (0.0076)	-	-	-	-	-	-	-
4,4'-DDE	62	ND (0.0073)	ND (0.0076)	-	-	-	-	-	-	-
4,4'-DDT	47	ND (0.0073)	ND (0.0076)	-	-	-	-	-	-	-
Aldrin	0.68	ND (0.0073)	ND (0.0076)	-	-	-	-	-	-	-
alpha-BHC	3.4	ND (0.0022)	ND (0.0023)	-	-	-	-	-	-	-
alpha-Chlordane (cis)	24	ND (0.0073)	ND (0.0076)	-	-	-	-	-	-	-
beta-BHC	3	ND (0.0022)	ND (0.0023)	-	-	-	-	-	-	-
Chlordane	NA	ND (0.073)	ND (0.076)	-	-	-	-	-	-	-
delta-BHC	500	ND (0.0022)	ND (0.0023)	-	-	-	-	-	-	-
Dieldrin	1.4	ND (0.0022)	ND (0.0023)	-	-	-	-	-	-	-
Endosulfan I	200	ND (0.0073)	ND (0.0076)	-	-	-	-	-	-	-
Endosulfan II	200	ND (0.0073)	ND (0.0076)	-	-	-	-	-	-	-
Endosulfan sulfate	200	ND (0.0073)	ND (0.0076)	-	-	-	-	-	-	-
Endrin	89	ND (0.0073)	ND (0.0076)	-	-	-	-	-	-	-
Endrin aldehyde	NA	ND (0.0073)	ND (0.0076)	-	-	-	-	-	-	-
Endrin ketone	NA	ND (0.0073)	ND (0.0076)	-	-	-	-	-	-	-
gamma-BHC (Lindane)	9.2	ND (0.0022)	ND (0.0023)	-	-	-	-	-	-	-
Heptachlor	15	ND (0.0073)	ND (0.0076)	-	-	-	-	-	-	-
Heptachlor epoxide	NA	ND (0.0073)	ND (0.0076)	-	-	-	-	-	-	-
Methoxychlor	NA	ND (0.0073)	ND (0.0076)	-	-	-	-	-	-	-
Toxaphene	NA	ND (0.073)	ND (0.076)	-	-	-	-	-	-	-

TABLE 27
SUMMARY OF SOIL QUALITY DATA - BERM 62
FORMER PORT MOBIL TERMINAL
STATEN ISLAND, NEW YORK
FILE NO. 0208998

	Criteria									
Location Name	NY Part 375	62A	62A	62A1	62A1	62A1	62A2	62A2	62A3	62A3
Sample Name	Commercial	62A_0-5	62A_5-10	62A1_1-2	62A1_4-5	62A1_9-10	62A2_2-3	62A2_5-6	62A3_3-4	62A3_7-8
Sample Date	Use	10/06/2025	10/06/2025	10/06/2025	10/06/2025	10/06/2025	10/06/2025	10/06/2025	10/06/2025	10/06/2025
Lab Sample ID	Soil Cleanup	460-336556-11	460-336556-12	460-336556-48	460-336556-51	460-336556-54	460-336556-49	460-336556-52	460-336556-50	460-336556-53
Sample Depth (bgs)	Objectives	0 - 5 (ft)	5 - 10 (ft)	1 - 2 (ft)	4 - 5 (ft)	9 - 10 (ft)	2 - 3 (ft)	5 - 6 (ft)	3 - 4 (ft)	7 - 8 (ft)
Polychlorinated Biphenyls (mg/kg)										
Aroclor-1016 (PCB-1016)	NA	ND (0.073)	ND (0.076)	-	-	-	-	-	-	-
Aroclor-1221 (PCB-1221)	NA	ND (0.073)	ND (0.076)	-	-	-	-	-	-	-
Aroclor-1232 (PCB-1232)	NA	ND (0.073)	ND (0.076)	-	-	-	-	-	-	-
Aroclor-1242 (PCB-1242)	NA	ND (0.073)	ND (0.076)	-	-	-	-	-	-	-
Aroclor-1248 (PCB-1248)	NA	ND (0.073)	ND (0.076)	-	-	-	-	-	-	-
Aroclor-1254 (PCB-1254)	NA	ND (0.073)	ND (0.076)	-	-	-	-	-	-	-
Aroclor-1260 (PCB-1260)	NA	ND (0.073)	ND (0.076)	-	-	-	-	-	-	-
Aroclor-1262 (PCB-1262)	NA	ND (0.073)	ND (0.076)	-	-	-	-	-	-	-
Aroclor-1268 (PCB-1268)	NA	ND (0.073)	ND (0.076)	-	-	-	-	-	-	-
Total PCBs	1	ND (0.073)	ND (0.076)	-	-	-	-	-	-	-
Inorganic Compounds (mg/kg)										
Aluminum	NA	6750	7000	-	-	-	-	-	-	-
Antimony	NA	1.5	1.1	-	-	-	-	-	-	-
Arsenic	16	6.5	8	-	-	-	-	-	-	-
Barium	400	45.5	38.2	-	-	-	-	-	-	-
Beryllium	590	0.82	0.47	-	-	-	-	-	-	-
Cadmium	9.3	0.2 J	0.11 J	-	-	-	-	-	-	-
Calcium	NA	1070	841	-	-	-	-	-	-	-
Chromium	NA	25.3	20.1	-	-	-	-	-	-	-
Cobalt	NA	7	5.5	-	-	-	-	-	-	-
Copper	270	43.8	43.9	-	-	-	-	-	-	-
Iron	NA	19700	21100	-	-	-	-	-	-	-
Lead	1000	82.6	44.3	-	-	-	-	-	-	-
Magnesium	NA	1780	1200	-	-	-	-	-	-	-
Manganese	10000	225	146	-	-	-	-	-	-	-
Mercury	2.8	0.041	0.027	-	-	-	-	-	-	-
Nickel	310	19.6	22.7	-	-	-	-	-	-	-
Potassium	NA	1320	767	-	-	-	-	-	-	-
Selenium	1500	0.32 J	0.28 J	-	-	-	-	-	-	-
Silver	1500	0.17 J	0.11 J	-	-	-	-	-	-	-
Sodium	NA	77.8 J	48 J	-	-	-	-	-	-	-
Thallium	NA	0.082 J	0.083 J	-	-	-	-	-	-	-
Vanadium	NA	32.5	39.1	-	-	-	-	-	-	-
Zinc	10000	117	69	-	-	-	-	-	-	-

ABBREVIATIONS AND NOTES:

mg/kg: milligram per kilogram

**: LCS or LCSD is outside acceptance limits.*
-: Not Analyzed
B: Compound was found in the blank and the associated sample.
bgs: below ground surface
ft: feet
J: Value is estimated.
NA: Not Applicable
ND (2.5): Not detected, number in parentheses is the laboratory reporting limit

- For test methods used, see the laboratory data sheets.
- Soil analytical results are compared to the New York State Department of Environmental Conservation (NYSDEC) Title 6 of the Official Compilation of New York Codes, Rules, and Regulations (NYCRR) Part 375 Commercial Use Soil Cleanup Objectives (SCO).
- Grey shading indicates an exceedance of the Commercial Use Soil Cleanup Objectives.

ATTACHMENT 1
Soil Boring and Test Pit Logs

SOIL BORING LOG

BORING NO. 1A

Page 1 of 1

PROJECT	Former Port Mobil Terminal - Berm Sampling	**PROJECT #**	0213836-001-002-03
LOCATION	4101 Arthur Kill Road	**PROJECT MGR.**	S. Commisso
CLIENT	NP Staten Island Industrial, LLC	**FIELD REP.**	K. Oconnor
CONTRACTOR	ENTACT	**DATE STARTED**	10/3/2025
OPERATOR	Jeremy Leibbrand	**DATE FINISHED**	10/3/2025

Test Pit Location	Depth & Sampling		Equipment Make & Model	Surface Conditions	Drilling Notes
Berm 1, Grid 1A - West face of Berm	Completion Depth (ft.)	14	Test Pit Method: CAT 314E Excavator	Top of Berm - Stone, Geotextile Fabric	Groundwater not encountered
	Number of Samples	7			

Depth (ft.)	Recovery (in/tot)	PID (ppm)	Odor	Moisture	Description Depth (ft)	Visual-Manual Identification & Description (Color, primary component NAME, secondary component, optional descriptions [SYMBOL])	Remarks (Sample Information, Depth of Casing, Other Tests, Fill Interval, etc.)
0		0	None	Dry	0-7	very fine to medium SAND, some silt, poorly sorted with gravel and rounded pebbles, light brown [SM]	
1		0					1A1_1-2 collected
2		0					
3		0					1A2_3-4 collected
4		0					1A3_4-5 collected
5		0					
6		0					1A1_6-7 collected
7		0	None	Dry	7-14	SAA	
8		0					1A2_8-9 collected
9		0					
10		0					1A3_10-11 collected
11		0					
12		0					1A1_12-13 collected
13		0					
14						End of Berm at 14ft	
15							
16							
17							
18							
19							
20							
21							
22							
23							
24							
25							
26							
27							
28							
29							
30							

NOTE: Soil descriptions based on a modified Burmister method of visual-manual identification as practiced by Haley & Aldrich, Inc.

SOIL BORING LOG

BORING NO. 1B

Page 1 of 1

PROJECT	Former Port Mobil Terminal - Berm Sampling	**PROJECT #**	0213836-001-002-03
LOCATION	4101 Arthur Kill Road	**PROJECT MGR.**	S. Commisso
CLIENT	NP Staten Island Industrial, LLC	**FIELD REP.**	K. Oconnor
Contractor	ENTACT	**DATE STARTED**	10/3/2025
OPERATOR	Jeremy Leibbrand	**DATE FINISHED**	10/3/2025

Test Pit Location	Depth & Sampling		Equipment Make & Model	Surface Conditions	Drilling Notes
Berm 1, Grid 1B - West face of Berm	Completion Depth (ft.)	14	Test Pit Method: CAT 314E Excavator	Top of Berm - Stone, Geotextile Fabric	Groundwater not encountered
	Number of Samples	7			

Depth (ft.)	Recovery (in/tot)	PID (ppm)	Odor	Moisture	Description Depth (ft)	Visual-Manual Identification & Description (Color, primary component NAME, secondary component, optional descriptions [SYMBOL])	Remarks (Sample Information, Depth of Casing, Other Tests, Fill Interval, etc.)
0		0	None	Dry	0-7	very fine to course light brown SAND, poorly sorted with gravel and rounded pebbles, compact [SM]	
1		0					1B1_1-2 collected
2		0					
3		0					1B2_3-4 collected
4		0					1B3_4-5 collected
5		0					
6		0					1B1_6-7 collected
7		0	None	Dry	7-14	very fine to course light brown SAND, trace silt, poorly sorted with gravel and rounded pebbles, compact, [SM]	
8		0					1B2_8-9 collected
9		0					1B3_9-10 collected
10		0					
11		0					1B1_10-11 collected
12		0					
13		0					
14						End of Berm at 14ft	
15							
16							
17							
18							
19							
20							
21							
22							
23							
24							
25							
26							
27							
28							
29							
30							

NOTE: Soil descriptions based on a modified Burmister method of visual-manual identification as practiced by Haley & Aldrich, Inc.

SOIL BORING LOG

BORING NO. 1C

Page 1 of 1

PROJECT	Former Port Mobil Terminal - Berm Sampling	**PROJECT #**	0213836-001-002-03
LOCATION	4101 Arthur Kill Road	**PROJECT MGR.**	S. Commisso
CLIENT	NP Staten Island Industrial, LLC	**FIELD REP.**	K. Oconnor
CONTRACTOR	ENTACT	**DATE STARTED**	10/3/2025
OPERATOR	Jeremy Leibbrand	**DATE FINISHED**	10/3/2025

Test Pit Location	Depth & Sampling		Equipment Make & Model	Surface Conditions	Drilling Notes
Berm 1, Grid 1C - North face of Berm	Completion Depth (ft.)	14	Test Pit Method: CAT 314E Excavator	Top of Berm - Stone, Geotextile Fabric	Groundwater not encountered
	Number of Samples	7			

Depth (ft.)	Recovery (in/tot)	PID (ppm)	Odor	Moisture	Description Depth (ft)	Visual-Manual Identification & Description (Color, primary component NAME, secondary component, optional descriptions [SYMBOL])	Remarks (Sample Information, Depth of Casing, Other Tests, Fill Interval, etc.)
0							
		0	None	Dry	0-7		
1						very fine to course light brown SAND, poorly sorted with gravel and	
		0				rounded pebbles, compact [SM]	
2							
		0					1C1_2-3 collected
3							
		0					1C2_3-4 collected
4							
		0					
5							
		0					1C3_5-6 collected
6							
		0					1C1_6-7 collected
7							
		0					
8			None	Dry	7-14	very fine to course light brown SAND, trace silt, poorly sorted with gravel	
		0				and rounded pebbles, compact [SM]	1C2_8-9 collected
9							
		0					
10							
		0					1C3_10-11 colected
11							
		0					1C1_11-12 collected
12							
		0					
13							
		0					
14						End of Berm at 14ft	
15							
16							
17							
18							
19							
20							
21							
22							
23							
24							
25							
26							
27							
28							
29							
30							

NOTE: Soil descriptions based on a modified Burmister method of visual-manual identification as practiced by Haley & Aldrich, Inc.

SOIL BORING LOG

BORING NO. 1D

PROJECT	Former Port Mobil Terminal - Berm Sampling	**PROJECT #**	0213836-001-002-03
LOCATION	4101 Arthur Kill Road	**PROJECT MGR.**	S. Commisso
CLIENT	NP Staten Island Industrial, LLC	**FIELD REP.**	K. Oconnor
CONTRACTOR	ENTACT	**DATE STARTED**	10/3/2025
OPERATOR	Jeremy Leibbrand	**DATE FINISHED**	10/3/2025

Test Pit Location	Depth & Sampling		Equipment Make & Model	Surface Conditions	Drilling Notes
Berm 1, Grid 1D - North face of Berm	Completion Depth (ft.)	14	Test Pit Method: CAT 314E Excavator	Top of Berm - Stone, Geotextile Fabric	Groundwater not encountered
	Number of Samples	7			

Depth (ft.)	Recovery (in/tot)	PID (ppm)	Odor	Moisture	Description Depth (ft)	Visual-Manual Identification & Description (Color, primary component NAME, secondary component, optional descriptions [SYMBOL])	Remarks (Sample Information, Depth of Casing, Other Tests, Fill Interval, etc.)
0		0	None	Dry	0-7	very fine to course dark red to brown SAND, some silt, trace clay, poorly sorted with gravel and rounded pebbles, compact [SM]	
1		0					1D1_1-2 collected
2		0					1D2_2-3 collected
3		0					
4		0					1D3_4-5 collected
5		0					
6		0					1D1_6-7 collected
7		0	None	Dry	7-14	SAA	1D2_7-8 collected
8		0					
9		0					
10		0					1D3_9-10 collected
11		0					
12		0					
13		0					1D1_13-14 collected
14						End of Berm at 14ft	
15							
16							
17							
18							
19							
20							
21							
22							
23							
24							
25							
26							
27							
28							
29							
30							

NOTE: Soil descriptions based on a modified Burmister method of visual-manual identification as practiced by Haley & Aldrich, Inc.

SOIL BORING LOG

BORING NO. 1E

PROJECT	Former Port Mobil Terminal - Berm Sampling	**PROJECT #**	0213836-001-002-03
LOCATION	4101 Arthur Kill Road	**PROJECT MGR.**	S. Commisso
CLIENT	NP Staten Island Industrial, LLC	**FIELD REP.**	K. Oconnor
CONTRACTOR	ENTACT	**DATE STARTED**	10/3/2025
OPERATOR	Jeremy Leibbrand	**DATE FINISHED**	10/3/2025

Test Pit Location	Depth & Sampling		Equipment Make & Model	Surface Conditions	Drilling Notes
Berm 1, Grid 1E - East Face of Berm	Completion Depth (ft.)	14	Test Pit Method: CAT 314E Excavator	Top of Berm - Stone, Geotextile Fabric	Groundwater not encountered
	Number of Samples	7			

Depth (ft.)	Recovery (in/tot)	PID (ppm)	Odor	Moisture	Description Depth (ft)	Visual-Manual Identification & Description (Color, primary component NAME, secondary component, optional descriptions [SYMBOL])	Remarks (Sample Information, Depth of Casing, Other Tests, Fill Interval, etc.)
0							
		0	None	Dry	0-7	fine to course light red to brown SAND, poorly sorted with gravel, compact [SM]	
1		0					1E1_1-2 collected
2		0					
3		0					1E2_3-4 collected
4		0					1E3_4-5 collected
5		0					
6		0					1E1_6-7 collected
7		0					
8			None	Dry	7-14	fine to course light red to brown SAND, trace silt, poorly sorted with gravel, compact [SM]	
		0					1E2_8-9 collected
9		0					
10		0.1					1E3_10-11 collected
11		0					
12		0					
13		0					1E2_13-14 collected
14						End of Berm at 14ft	
15							
16							
17							
18							
19							
20							
21							
22							
23							
24							
25							
26							
27							
28							
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NOTE: Soil descriptions based on a modified Burmister method of visual-manual identification as practiced by Haley & Aldrich, Inc.

SOIL BORING LOG

BORING NO. 1F

PROJECT	Former Port Mobil Terminal - Berm Sampling	**PROJECT #**	0213836-001-002-03
LOCATION	4101 Arthur Kill Road	**PROJECT MGR.**	S. Commisso
CLIENT	NP Staten Island Industrial, LLC	**FIELD REP.**	K. Oconnor
CONTRACTOR	ENTACT	**DATE STARTED**	10/3/2025
OPERATOR	Jeremy Leibbrand	**DATE FINISHED**	10/3/2025

Test Pit Location	Depth & Sampling		Equipment Make & Model	Surface Conditions	Drilling Notes
Berm 1, Grid 1F - East Face of Berm	Completion Depth (ft.)	14	Test Pit Method: CAT 314E Excavator	Top of Berm - Stone, Geotextile Fabric	Groundwater not encountered
	Number of Samples	7			

Depth (ft.)	Recovery (in/tot)	PID (ppm)	Odor	Moisture	Description Depth (ft)	Visual-Manual Identification & Description (Color, primary component NAME, secondary component, optional descriptions [SYMBOL])	Remarks (Sample Information, Depth of Casing, Other Tests, Fill Interval, etc.)
0		0	None	Dry	0-7	fine to course light red to brown SAND, poorly sorted with gravel [SM]	
1		0					
2		0					1F1_2-3 collected
3		0					
4		0					1F2_4-5 collected
5		0					1F3_5-6 collected
6		0					
7		0	None	Dry	7-14		1F1_7-8 collected
8		0				fine to course light red to brown SAND, trace silt, poorly sorted with gravel [SM]	1F2_8-9 collected
9		0					
10		0					1F3_10-11 collected
11		0					
12		0					1F1_12-13 collected
13		0					
14						End of Berm at 14ft	
15							
16							
17							
18							
19							
20							
21							
22							
23							
24							
25							
26							
27							
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NOTE: Soil descriptions based on a modified Burmister method of visual-manual identification as practiced by Haley & Aldrich, Inc.

SOIL BORING LOG

BORING NO. 1G

PROJECT	Former Port Mobil Terminal - Berm Sampling	**PROJECT #**	0213836-001-002-03
LOCATION	4101 Arthur Kill Road	**PROJECT MGR.**	S. Commisso
CLIENT	NP Staten Island Industrial, LLC	**FIELD REP.**	K. Oconnor
CONTRACTOR	ENTACT	**DATE STARTED**	10/3/2025
OPERATOR	Jeremy Leibbrand	**DATE FINISHED**	10/3/2025

Test Pit Location	Depth & Sampling		Equipment Make & Model	Surface Conditions	Drilling Notes
Berm 1, Grid 1G - South Face of Berm	Completion Depth (ft.)	14	Test Pit Method: CAT 314E Excavator	Top of Berm - Stone, Geotextile Fabric	Groundwater not encountered
	Number of Samples	7			

Depth (ft.)	Recovery (in/tot)	PID (ppm)	Odor	Moisture	Description Depth (ft)	Visual-Manual Identification & Description (Color, primary component NAME, secondary component, optional descriptions [SYMBOL])	Remarks (Sample Information, Depth of Casing, Other Tests, Fill Interval, etc.)
0		0	None	Dry	0-7	fine to course light red to brown SAND, trace silt, poorly sorted with gravel [SM]	
1		0					1G1_1-2 collected
2		0					1G2_2-3 collected
3		0					
4		0					1G3_4-5 collected
5		0					1G1_5-6 collected
6		0					
7		0	None	Dry	7-14	fine to course light red to brown SAND, trace silt, poorly sorted with gravel [SM]	
8		0					1G2_8-9 collected
9		0					1G3_9-10 collected
10		0					
11		0					
12		0					1G2_12-13 collected
13		0					
14						End of Berm at 14ft	
15							
16							
17							
18							
19							
20							
21							
22							
23							
24							
25							
26							
27							
28							
29							
30							

NOTE: Soil descriptions based on a modified Burmister method of visual-manual identification as practiced by Haley & Aldrich, Inc.

SOIL BORING LOG

BORING NO. 1H

PROJECT	Former Port Mobil Terminal - Berm Sampling	**PROJECT #**	0213836-001-002-03
LOCATION	4101 Arthur Kill Road	**PROJECT MGR.**	S. Commisso
CLIENT	NP Staten Island Industrial, LLC	**FIELD REP.**	K. Oconnor
CONTRACTOR	ENTACT	**DATE STARTED**	10/3/2025
OPERATOR	Jeremy Leibbrand	**DATE FINISHED**	10/3/2025

Test Pit Location	Depth & Sampling		Equipment Make & Model	Surface Conditions	Drilling Notes
Berm 1, Grid 1H - South Face of Berm	Completion Depth (ft.)	14	Test Pit Method: CAT 314E Excavator	Top of Berm - Stone, Geotextile Fabric	Groundwater not encountered
	Number of Samples	7			

Depth (ft.)	Recovery (in/tot)	PID (ppm)	Odor	Moisture	Description Depth (ft)	Visual-Manual Identification & Description (Color, primary component NAME, secondary component, optional descriptions [SYMBOL])	Remarks (Sample Information, Depth of Casing, Other Tests, Fill Interval, etc.)
0							
		0	None	Dry	0-7	fine to course light red to brown SAND, trace silt, poorly sorted with gravel [SM]	
1		0					1H1_1-2 collected
2		0					
3		0					1H2_3-4 collected
4		0					
5							1H3_4-5 collected
		0					
6		0					1H1_6-7 collected
7							
		0	None	Dry	7-14	fine to course light red to brown SAND, trace silt, poorly sorted with gravel [SM]	
8		0					1H2_8-9 collected
9		0					1H3_9-10 collected
10		0					
11		0					1H1_11-12 collected
12		0					
13		0					
14						End of Berm at 14ft	
15							
16							
17							
18							
19							
20							
21							
22							
23							
24							
25							
26							
27							
28							
29							
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NOTE: Soil descriptions based on a modified Burmister method of visual-manual identification as practiced by Haley & Aldrich, Inc.

SOIL BORING LOG

BORING NO. 2A

PROJECT	Former Port Mobil Terminal - Berm Sampling	**PROJECT #**	0213836-001-002-03
LOCATION	4101 Arthur Kill Road	**PROJECT MGR.**	S. Commisso
CLIENT	NP Staten Island Insdustrial, LLC	**FIELD REP.**	K. Oconnor
CONTRACTOR	ENTACT	**DATE STARTED**	10/3/2025
OPERATOR	Jeremy Leibbrand	**DATE FINISHED**	10/3/2025

Test Pit Location	Depth & Sampling		Equipment Make & Model	Surface Conditions	Drilling Notes
Berm 2, Grid 2A - South Face of Berm	Completion Depth (ft.)	12	Test Pit Method: CAT 314E Excavator	Top of Berm - Stone, Geotextile Fabric	Groundwater not encountered
	Number of Samples	7			

Depth (ft.)	Recovery (in/tot)	PID (ppm)	Odor	Moisture	Description Depth (ft)	Visual-Manual Identification & Description (Color, primary component NAME, secondary component, optional descriptions [SYMBOL])	Remarks (Sample Information, Depth of Casing, Other Tests, Fill Interval, etc.)
0		0	None	Damp	0-6	Dark brown very fine to medium SAND, little silt [SM]	
1		0					2A1_1-2 collected
2		0					
3		0					2A2_3-4 collected
4		0					2A3_4-5 collected
5		0					
6		0	None	Damp	6-12	SAA	2A1_6-7 collected
7		0					
8		0					2A2_8-9 collected
9		0					
10		0					2A3_10-11 collected
11		0					2A1_11-12 collected
12						End of Berm at 12ft	
13							
14							
15							
16							
17							
18							
19							
20							
21							
22							
23							
24							
25							
26							
27							
28							
29							
30							

NOTE: Soil descriptions based on a modified Burmister method of visual-manual identification as practiced by Haley & Aldrich, Inc.

SOIL BORING LOG

BORING NO. 2B

PROJECT	Former Port Mobil Terminal - Berm Sampling	**PROJECT #**	0213836-001-002-03
LOCATION	4101 Arthur Kill Road	**PROJECT MGR.**	S. Commisso
CLIENT	NP Staten Island Industrial, LLC	**FIELD REP.**	K. Oconnor
CONTRACTOR	ENTACT	**DATE STARTED**	10/3/2025
OPERATOR	Jeremy Leibbrand	**DATE FINISHED**	10/3/2025

Test Pit Location	Depth & Sampling		Equipment Make & Model	Surface Conditions	Drilling Notes
Berm 2, Grid 2B - North Face of Berm	Completion Depth (ft.)	12	Test Pit Method: CAT 314E Excavator	Top of Berm - Stone, Geotextile Fabric	Groundwater not encountered
	Number of Samples	7			

Depth (ft.)	Recovery (in/tot)	PID (ppm)	Odor	Moisture	Description Depth (ft)	Visual-Manual Identification & Description (Color, primary component NAME, secondary component, optional descriptions [SYMBOL])	Remarks (Sample Information, Depth of Casing, Other Tests, Fill Interval, etc.)
0		0	None	Damp	0-6	Dark brown very fine to medium SAND, little silt [SM]	
1		0					2B1_1-2 collected
2		0					2B2_2-3 collected
3		0					
4		0					2B3_4-5 collected
5		0					
6		0	None	Damp	0-6	SAA	2B1_6-7 collected
7		0					
8		0					2B2_8-9 collected
9		0					
10		0					2B3_9-10 collected
11		0				End of Berm at 12ft	2B1_10-11 collected
12							
13							
14							
15							
16							
17							
18							
19							
20							
21							
22							
23							
24							
25							
26							
27							
28							
29							
30							

NOTE: Soil descriptions based on a modified Burmister method of visual-manual identification as practiced by Haley & Aldrich, Inc.

SOIL BORING LOG

BORING NO. 3A

PROJECT	Former Port Mobil Terminal - Berm Sampling	**PROJECT #**	0213836-001-002-03
LOCATION	4101 Arthur Kill Road	**PROJECT MGR.**	S. Commisso
CLIENT	NP Staten Island Industrial, LLC	**FIELD REP.**	O. Colon
CONTRACTOR	ENTACT	**DATE STARTED**	10/9/2025
OPERATOR	Jeremy Leibbrand	**DATE FINISHED**	10/9/2025

Test Pit Location	Depth & Sampling		Equipment Make & Model	Surface Conditions	Drilling Notes
Berm 3, Grid 3A - West Face of Berm	Completion Depth (ft.)	14	Test Pit Method: CAT 314E Excavator	Top of Berm - Stone, Geotextile Fabric	Groundwater not encountered
	Number of Samples	7			

Depth (ft.)	Recovery (in/tot)	PID (ppm)	Odor	Moisture	Description Depth (ft)	Visual-Manual Identification & Description (Color, primary component NAME, secondary component, optional descriptions [SYMBOL])	Remarks (Sample Information, Depth of Casing, Other Tests, Fill Interval, etc.)
0		0	None	Dry	0-7	Dark brown fine to medium SAND with clay and silt [SC]	
1		0					3A2_1-2 collected
2		0					3A1_2-3 collected
3		0					
4		0					3A2_4-5 collected
5		0					
6		0					3A3_6-7 collected
7		0	None	Dry	7-14	SAA	
8		0					3A1_8-9 collected
9		0					
10		0					3A2_10-11 collected
11		0					
12		0					3A3_12-13 collected
13		0					
14						End of Berm 14ft	
15							
16							
17							
18							
19							
20							
21							
22							
23							
24							
25							
26							
27							
28							
29							
30							

NOTE: Soil descriptions based on a modified Burmister method of visual-manual identification as practiced by Haley & Aldrich, Inc.

SOIL BORING LOG

BORING NO. 3B

PROJECT	Former Port Mobil Terminal - Berm Sampling	**PROJECT #**	0213836-001-002-03
LOCATION	4101 Arthur Kill Road	**PROJECT MGR.**	S. Commisso
CLIENT	NP Staten Island Industrial, LLC	**FIELD REP.**	K. Oconnor
CONTRACTOR	ENTACT	**DATE STARTED**	10/8/2025
OPERATOR	Jeremy Leibbrand	**DATE FINISHED**	10/8/2025

Test Pit Location	Depth & Sampling		Equipment Make & Model	Surface Conditions	Drilling Notes
Berm 3, Grid 3B - North Face of Berm	Completion Depth (ft.)	14	Test Pit Method: CAT 314E Excavator	Top of Berm - Stone, Geotextile Fabric	Groundwater not encountered
	Number of Samples	7			

Depth (ft.)	Recovery (in/tot)	PID (ppm)	Odor	Moisture	Description Depth (ft)	Visual-Manual Identification & Description (Color, primary component NAME, secondary component, optional descriptions [SYMBOL])	Remarks (Sample Information, Depth of Casing, Other Tests, Fill Interval, etc.)
0		0	None	Damp	0-7	Dark brown very fine to coarse well sorted SAND with silt and pebbles [SM]	
1		0					3B1_1-2 collected
2		0					3B2_2-3 collected
3		0					
4		0					3B3_4-5 collected
5		0					
6		0					3B1_6-7 collected
7		0	None	Damp	7-14	SAA	
8		0					3B2_8-9 collected
9		0					
10		0					3B3_10-11 collected
11		0					3B2_11-12 collected
12		0					
13		0					
14						End of Berm 14ft	
15							
16							
17							
18							
19							
20							
21							
22							
23							
24							
25							
26							
27							
28							
29							
30							

NOTE: Soil descriptions based on a modified Burmister method of visual-manual identification as practiced by Haley & Aldrich, Inc.

SOIL BORING LOG

BORING NO. 3C

PROJECT	Former Port Mobil Terminal - Berm Sampling	**PROJECT #**	0213836-001-002-03
LOCATION	4101 Arthur Kill Road	**PROJECT MGR.**	S. Commisso
CLIENT	NP Staten Island Industrial, LLC	**FIELD REP.**	K. Oconnor
CONTRACTOR	ENTACT	**DATE STARTED**	10/8/2025
OPERATOR	Jeremy Leibbrand	**DATE FINISHED**	10/8/2025

Test Pit Location	Depth & Sampling		Equipment Make & Model	Surface Conditions	Drilling Notes
Berm 3, Grid 3C - North Face of Berm	**Completion Depth (ft.)**	14	**Test Pit Method** CAT 314E Excavator	Top of Berm - Stone, Geotextile Fabric	Groundwater not encountered
	Number of Samples	7			

Depth (ft.)	Recovery (in/tot)	PID (ppm)	Odor	Moisture	Description Depth (ft)	Visual-Manual Identification & Description (Color, primary component NAME, secondary component, optional descriptions [SYMBOL])	Remarks (Sample Information, Depth of Casing, Other Tests, Fill Interval, etc.)
0		0	None	Dry	0-7	Dark brown fine to medium SAND with clay and silt [SC]	
1		0					3C1_1-2 collected
2		0					3C2_2-3 collected
3		0					
4		0					3C3_4-5 collected
5		0					3C1_5-6 collected
6		0					
7		0	None	Dry	7-14	SAA	3C2_7-8 collected
8		0					
9		0					3C3_9-10 collected
10		0					3C1_10-11 collected
11		0					
12		0					
13		0					
14						End of Berm 14ft	
15							
16							
17							
18							
19							
20							
21							
22							
23							
24							
25							
26							
27							
28							
29							
30							

NOTE: Soil descriptions based on a modified Burmister method of visual-manual identification as practiced by Haley & Aldrich, Inc.

SOIL BORING LOG

BORING NO. 3D

PROJECT	Former Port Mobil Terminal - Berm Sampling	**PROJECT #**	0213836-001-002-03
LOCATION	4101 Arthur Kill Road	**PROJECT MGR.**	S. Commisso
CLIENT	NP Staten Island Industrial, LLC	**FIELD REP.**	K. Oconnor
CONTRACTOR	ENTACT	**DATE STARTED**	10/8/2025
OPERATOR	Jeremy Leibbrand	**DATE FINISHED**	10/8/2025

Test Pit Location	Depth & Sampling		Equipment Make & Model	Surface Conditions	Drilling Notes
Berm 3, Grid 3D - East Face of Berm	**Completion Depth (ft.)**	**14**	**Test Pit Method**	Top of Berm - Stone, Geotextile Fabric	Groundwater not encountered
	Number of Samples	**7**	CAT 314E Excavator		

Depth (ft.)	Recovery (in/tot)	PID (ppm)	Odor	Moisture	Description Depth (ft)	Visual-Manual Identification & Description (Color, primary component NAME, secondary component, optional descriptions [SYMBOL])	Remarks (Sample Information, Depth of Casing, Other Tests, Fill Interval, etc.)
0		0	None	Wet	0-7	Dark brown fine to coarse SAND, little silt [SM]	
1		0					3D1_1-2 collected
2		0					
3		0					3D2_3-4 collected
4		0					
5		0					3D3_5-6 collected
6		0					3D1_6-7 collected
7		0	None	Wet	7-14	SAA	3D2_7-8 collected
8		0					
9		0					3D3_9-10 collected
10		0					
11		0					3D1_11-12 collected
12		0					
13		0					
14						End of Berm 14ft	
15							
16							
17							
18							
19							
20							
21							
22							
23							
24							
25							
26							
27							
28							
29							
30							

NOTE: Soil descriptions based on a modified Burmister method of visual-manual identification as practiced by Haley & Aldrich, Inc.

SOIL BORING LOG

BORING NO. 3E

PROJECT	Former Port Mobil Terminal - Berm Sampling	**PROJECT #**	0213836-001-002-03
LOCATION	4101 Arthur Kill Road	**PROJECT MGR.**	S. Commisso
CLIENT	NP Staten Island Industrial, LLC	**FIELD REP.**	O. Colon
CONTRACTOR	ENTACT	**DATE STARTED**	10/9/2025
OPERATOR	Jeremy Leibbrand	**DATE FINISHED**	10/9/2025

Test Pit Location	Depth & Sampling		Equipment Make & Model	Surface Conditions	Drilling Notes
Berm 3, Grid 3E - East Face of Berm	Completion Depth (ft.)	14	Test Pit Method: CAT 314E Excavator	Top of Berm - Stone, Geotextile Fabric	Groundwater not encountered
	Number of Samples	7			

Depth (ft.)	Recovery (in/tot)	PID (ppm)	Odor	Moisture	Description Depth (ft)	Visual-Manual Identification & Description (Color, primary component NAME, secondary component, optional descriptions [SYMBOL])	Remarks (Sample Information, Depth of Casing, Other Tests, Fill Interval, etc.)
0		0	None	Wet	0-7	Dark brown fine to coarse SAND, little silt [SM]	
1		0					
2		0					3E1_2-3 collected
3		0					
4		0					3E2_4-5 collected
5		0					
6		0					3E3_6-7 collected
7		0	None	Wet	7-14	SAA	3E2_7-8 collected
8		0					3E1_8-9 collected
9		0					
10		0.1					
11		0					3E3_11-12 collected
12		0					
13		0					3E3_13-14 collected
14						End of boring 14ft	
15							
16							
17							
18							
19							
20							
21							
22							
23							
24							
25							
26							
27							
28							
29							
30							

NOTE: Soil descriptions based on a modified Burmister method of visual-manual identification as practiced by Haley & Aldrich, Inc.

SOIL BORING LOG

BORING NO. 3F

PROJECT	Former Port Mobil Terminal - Berm Sampling	**PROJECT #**	0213836-001-002-03
LOCATION	4101 Arthur Kill Road	**PROJECT MGR.**	S. Commisso
CLIENT	NP Staten Island Industrial, LLC	**FIELD REP.**	O. Colon
CONTRACTOR	ENTACT	**DATE STARTED**	10/9/2025
OPERATOR	Jeremy Leibbrand	**DATE FINISHED**	10/9/2025

Test Pit Location	Depth & Sampling		Equipment Make & Model	Surface Conditions	Drilling Notes
Berm 3, Grid 3F - South Face of Berm	Completion Depth (ft.)	14	Test Pit Method: CAT 314E Excavator	Top of Berm - Stone, Geotextile Fabric	Groundwater not encountered
	Number of Samples	7			

Depth (ft.)	Recovery (in/tot)	PID (ppm)	Odor	Moisture	Description Depth (ft)	Visual-Manual Identification & Description (Color, primary component NAME, secondary component, optional descriptions [SYMBOL])	Remarks (Sample Information, Depth of Casing, Other Tests, Fill Interval, etc.)
0							
		0					
1			None	Dry	0-7	Dark brown fine to medium SAND with clay and silt [SC]	3F2_1-2 collected
		0					
2							
		0					
3							
		0					3F1_3-4 collected
4							
		0					
5							
		0					3F1_5-6 collected
6							
		0					3F3_6-7 collected
7							
		0	None	Dry	7-14	SAA	3F3_7-8 collected
8							
		0					
9							
		0					
10							
		0					
11							
		0					3F2_11-12 collected
12							
		0					3F2_12-13 collected
13							
		0					
14						End of boring 14ft	
15							
16							
17							
18							
19							
20							
21							
22							
23							
24							
25							
26							
27							
28							
29							
30							

NOTE: Soil descriptions based on a modified Burmister method of visual-manual identification as practiced by Haley & Aldrich, Inc.

SOIL BORING LOG

BORING NO. 3G

PROJECT	Former Port Mobil Terminal - Berm Sampling	**PROJECT #**	0213836-001-002-03
LOCATION	4101 Arthur Kill Road	**PROJECT MGR.**	S. Commisso
CLIENT	NP Staten Island Industrial, LLC	**FIELD REP.**	O. Colon
CONTRACTOR	ENTACT	**DATE STARTED**	10/9/2025
OPERATOR	Jeremy Leibbrand	**DATE FINISHED**	10/9/2025

Test Pit Location	Depth & Sampling		Equipment Make & Model	Surface Conditions	Drilling Notes
Berm 3, Grid 3G - Southwest Face of Berm	Completion Depth (ft.)	14	Test Pit Method: CAT 314E Excavator	Top of Berm - Stone, Geotextile Fabric	Groundwater not encountered
	Number of Samples	7			

Depth (ft.)	Recovery (in/tot)	PID (ppm)	Odor	Moisture	Description Depth (ft)	Visual-Manual Identification & Description (Color, primary component NAME, secondary component, optional descriptions [SYMBOL])	Remarks (Sample Information, Depth of Casing, Other Tests, Fill Interval, etc.)
0		0					
1		0	None	Dry	0-7	Dark brown fine to medium SAND with clay and silt [SC]	3G1_1-2 collected
2		0					
3		0					3G3_3-4 collected
4		0					3G2_4-5 collected
5		0					
6		0					
7		0	None	Dry	7-14	SAA	3G1_7-8 collected
8		0					
9		0					3G3_9-10 collected
10		0					3G2_10-11 collected
11		0					
12		0					
13		0					3G1_13-14 collected
14						End of boring 14ft	
15							
16							
17							
18							
19							
20							
21							
22							
23							
24							
25							
26							
27							
28							
29							
30							

NOTE: Soil descriptions based on a modified Burmister method of visual-manual identification as practiced by Haley & Aldrich, Inc.

SOIL BORING LOG

BORING NO. 4A

PROJECT	Former Port Mobil Terminal - Berm Sampling	**PROJECT #**	0213836-001-002-03
LOCATION	4101 Arthur Kill Road	**PROJECT MGR.**	S. Commisso
CLIENT	NP Staten Island Industrial, LLC	**FIELD REP.**	K. Oconnor
CONTRACTOR	ENTACT	**DATE STARTED**	10/2/2025
OPERATOR	Jeremy Leibbrand	**DATE FINISHED**	10/2/2025

Test Pit Location	Depth & Sampling		Equipment Make & Model	Surface Conditions	Drilling Notes
Berm 4, Grid 4A - West face of Berm	Completion Depth (ft.)	14	Test Pit Method: CAT 314E Excavator	Top of Berm - Stone, Geotextile Fabric	Groundwater not encountered
	Number of Samples	7			

Depth (ft.)	Recovery (in/tot)	PID (ppm)	Odor	Moisture	Description Depth (ft)	Visual-Manual Identification & Description (Color, primary component NAME, secondary component, optional descriptions [SYMBOL])	Remarks (Sample Information, Depth of Casing, Other Tests, Fill Interval, etc.)
0		0	None	Dry	0-7	Light brown very fine to medium poorly sorted SAND with silt and gravel [SM]	
1		0					
2		0					4A1_2-3 collected
3		0					4A2_3-4 collected
4		0					
5		0					4A3_5-6 collected
6		0					
7		0	None	Dry	7-14	SAA	4A1_7-8 collected
8		0					
9		0					4A2_9-10 collected
10		0					4A3_10-11 collected
11		0					
12		0					4A1_12-13 collected
13		0					
14						End of Berm at 14ft	
15							
16							
17							
18							
19							
20							
21							
22							
23							
24							
25							
26							
27							
28							
29							
30							

NOTE: Soil descriptions based on a modified Burmister method of visual-manual identification as practiced by Haley & Aldrich, Inc.

SOIL BORING LOG

BORING NO. 4B

PROJECT	Former Port Mobil Terminal - Berm Sampling	**PROJECT #**	0213836-001-002-03
LOCATION	4101 Arthur Kill Road	**PROJECT MGR.**	S. Commisso
CLIENT	NP Staten Island Industrial, LLC	**FIELD REP.**	K. Oconnor
Contractor	ENTACT	**DATE STARTED**	10/2/2025
OPERATOR	Jeremy Leibbrand	**DATE FINISHED**	10/2/2025

Test Pit Location	Depth & Sampling		Equipment Make & Model	Surface Conditions	Drilling Notes
Berm 4, Grid 4B - Northeast face of Berm	Completion Depth (ft.)	14	Test Pit Method: CAT 314E Excavator	Top of Berm - Stone, Geotextile Fabric	Groundwater not encountered
	Number of Samples	7			

Depth (ft.)	Recovery (in/tot)	PID (ppm)	Odor	Moisture	Description Depth (ft)	Visual-Manual Identification & Description (Color, primary component NAME, secondary component, optional descriptions [SYMBOL])	Remarks (Sample Information, Depth of Casing, Other Tests, Fill Interval, etc.)
0		0	None	Dry	0-7	Light brown very fine to medium poorly sorted SAND with silt, gravel and rounded pebbles [SM]	
1		0					
2		0					4B1_2-3 collected
3		0					4B2_3-4 collected
4		0					
5		0					4B3_5-6 collected
6		0					
7		0	None	Dry	7-14	SAA	4B1_7-8 collected
8		0					4B2_8-9 collected
9		0					
10		0					4B3_10-11 collected
11		0					4B2_11-12 collected
12		0					
13		0					
14						End of Berm at 14ft	
15							
16							
17							
18							
19							
20							
21							
22							
23							
24							
25							
26							
27							
28							
29							
30							

NOTE: Soil descriptions based on a modified Burmister method of visual-manual identification as practiced by Haley & Aldrich, Inc.

SOIL BORING LOG

BORING NO. 4C

PROJECT	Former Port Mobil Terminal - Berm Sampling	**PROJECT #**	0213836-001-002-03
LOCATION	4101 Arthur Kill Road	**PROJECT MGR.**	S. Commisso
CLIENT	NP Staten Island Industrial, LLC	**FIELD REP.**	K. Oconnor
CONTRACTOR	ENTACT	**DATE STARTED**	10/3/2025
OPERATOR	Jeremy Leibbrand	**DATE FINISHED**	10/3/2025

Test Pit Location	Depth & Sampling		Equipment Make & Model	Surface Conditions	Drilling Notes
Berm 4, Grid 4C - North face of Berm	Completion Depth (ft.)	14	Test Pit Method: CAT 314E Excavator	Top of Berm - Stone, Geotextile Fabric	Groundwater not encountered
	Number of Samples	7			

Depth (ft.)	Recovery (in/tot)	PID (ppm)	Odor	Moisture	Description Depth (ft)	Visual-Manual Identification & Description (Color, primary component NAME, secondary component, optional descriptions [SYMBOL])	Remarks (Sample Information, Depth of Casing, Other Tests, Fill Interval, etc.)
0		0	None	Dry	0-7	Light brown very fine to medium poorly sorted SAND with silt, gravel, and rounded pebbles [SM]	
1		0					4C1_1-2 collected
2		0					
3		0					4C2_3-4 collected
4		0					
5		0					4C3_5-6 collected
6		0					4C1_6-7 collected
7		0	None	Dry	7-14	SAA	
8		0					4C2_8-9 collected
9		0					
10		0					
11		0					4C3_11-12 collected
12		0					
13		0					4C1_13-14 collected
14						End of Berm at 14ft	
15							
16							
17							
18							
19							
20							
21							
22							
23							
24							
25							
26							
27							
28							
29							
30							

NOTE: Soil descriptions based on a modified Burmister method of visual-manual identification as practiced by Haley & Aldrich, Inc.

SOIL BORING LOG

BORING NO. 4D

PROJECT	Former Port Mobil Terminal - Berm Sampling	**PROJECT #**	0213836-001-002-03
LOCATION	4101 Arthur Kill Road	**PROJECT MGR.**	S. Commisso
CLIENT	NP Staten Island Industrial, LLC	**FIELD REP.**	K. Oconnor
CONTRACTOR	ENTACT	**DATE STARTED**	10/2/2025
OPERATOR	Jeremy Leibbrand	**DATE FINISHED**	10/2/2025

Test Pit Location	Depth & Sampling		Equipment Make & Model	Surface Conditions	Drilling Notes
Berm 1, Grid 1D - North face of Berm	Completion Depth (ft.)	14	Test Pit Method: CAT 314E Excavator	Top of Berm - Stone, Geotextile Fabric	Groundwater not encountered
	Number of Samples	7			

Depth (ft.)	Recovery (in/tot)	PID (ppm)	Odor	Moisture	Description Depth (ft)	Visual-Manual Identification & Description (Color, primary component NAME, secondary component, optional descriptions [SYMBOL])	Remarks (Sample Information, Depth of Casing, Other Tests, Fill Interval, etc.)
0							
		0	None	Dry	0-7	Dark red to brown very fine to course poorly sorted SAND with silt, clay, and gravel [SM]	
1		0					4D1_1-2 collected
2		0					4D2_2-3 collected
3		0					
4		0					4D3_4-5 collected
5		0					
6		0					4D1_6-7 collected
7		0	None	Dry	7-14	SAA	4D2_7-8 collected
8		0					
9		0					
10							4D3_9-10 collected
		0					
11		0					
12		0					4D3_11-12 collected
13		0					
14						End of Berm at 14ft	
15							
16							
17							
18							
19							
20							
21							
22							
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NOTE: Soil descriptions based on a modified Burmister method of visual-manual identification as practiced by Haley & Aldrich, Inc.

SOIL BORING LOG

BORING NO. 4E

PROJECT	Former Port Mobil Terminal - Berm Sampling	**PROJECT #**	0213836-001-002-03
LOCATION	4101 Arthur Kill Road	**PROJECT MGR.**	S. Commisso
CLIENT	NP Staten Island Industrial, LLC	**FIELD REP.**	K. Oconnor
CONTRACTOR	ENTACT	**DATE STARTED**	10/2/2025
OPERATOR	Jeremy Leibbrand	**DATE FINISHED**	10/2/2025

Test Pit Location	Depth & Sampling		Equipment Make & Model	Surface Conditions	Drilling Notes
Berm 4, Grid 4E - Southeast Face of Berm	Completion Depth (ft.)	14	Test Pit Method: CAT 314E Excavator	Top of Berm - Stone, Geotextile Fabric	Groundwater not encountered
	Number of Samples	7			

Depth (ft.)	Recovery (in/tot)	PID (ppm)	Odor	Moisture	Description Depth (ft)	Visual-Manual Identification & Description (Color, primary component NAME, secondary component, optional descriptions [SYMBOL])	Remarks (Sample Information, Depth of Casing, Other Tests, Fill Interval, etc.)
0		0	None	Dry	0-7	Dark red to brown very fine to course poorly sorted SAND with silt, gravel, and rounded pebbles [SM]	
1		0					4E1_1-2 collected
2		0					
3		0					4E2_3-4 collected
4		0					4E3_4-5 collected
5		0					4E1_5-6 collected
6		0					
7		0	None	Dry	7-14	SAA	4E2_7-8 collected
8		0					
9		0					4E3_9-10 collected
10		0.1					
11		0					
12		0					4E2-12-13 collected
13		0					
14						End of Berm at 14ft	
15							
16							
17							
18							
19							
20							
21							
22							
23							
24							
25							
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NOTE: Soil descriptions based on a modified Burmister method of visual-manual identification as practiced by Haley & Aldrich, Inc.

SOIL BORING LOG

BORING NO. 4F

PROJECT	Former Port Mobil Terminal - Berm Sampling	**PROJECT #**	0213836-001-002-03
LOCATION	4101 Arthur Kill Road	**PROJECT MGR.**	S. Commisso
CLIENT	NP Staten Island Industrial, LLC	**FIELD REP.**	K. Oconnor
CONTRACTOR	ENTACT	**DATE STARTED**	10/2/2025
OPERATOR	Jeremy Leibbrand	**DATE FINISHED**	10/2/2025

Test Pit Location	Depth & Sampling		Equipment Make & Model	Surface Conditions	Drilling Notes
Berm 4, Grid 4F - South Face of Berm	Completion Depth (ft.)	14	Test Pit Method: CAT 314E Excavator	Top of Berm - Stone, Geotextile Fabric	Groundwater not encountered
	Number of Samples	7			

Depth (ft.)	Recovery (in/tot)	PID (ppm)	Odor	Moisture	Description Depth (ft)	Visual-Manual Identification & Description (Color, primary component NAME, secondary component, optional descriptions [SYMBOL])	Remarks (Sample Information, Depth of Casing, Other Tests, Fill Interval, etc.)
0		0	None	Dry	0-7	Dark red to brown very fine to course poorly sorted SAND with silt, gravel, rounded pebbles, and trace clay [SM]	
1		0					4F1_1-2 collected
2		0					
3		0					4F2_3-4 collected
4		0					
5		0					4F3_5-6 collected
6		0					4F1_6-7 collected
7		0	None	Dry	7-14	SAA	
8		0					4F2_8-9 collected
9		0					
10		0					4F3_10-11 collected
11		0					
12		0					4F1_12-13 collected
13		0					
14						End of Berm at 14ft	
15							
16							
17							
18							
19							
20							
21							
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NOTE: Soil descriptions based on a modified Burmister method of visual-manual identification as practiced by Haley & Aldrich, Inc.

SOIL BORING LOG

BORING NO. 5A

PROJECT	Former Port Mobil Terminal - Berm Sampling	**PROJECT #**	0213836-001-002-03
LOCATION	4101 Arthur Kill Road	**PROJECT MGR.**	S. Commisso
CLIENT	NP Staten Island Industrial, LLC	**FIELD REP.**	K. Oconnor
CONTRACTOR	ENTACT	**DATE STARTED**	10/8/2025
OPERATOR	Jeremy Leibbrand	**DATE FINISHED**	10/8/2025

Test Pit Location	Depth & Sampling		Equipment Make & Model	Surface Conditions	Drilling Notes
Berm 5, Grid 5A - Southwest Face of Berm	**Completion Depth (ft.)**	10	**Test Pit Method** CAT 314E Excavator	Top of Berm - Stone, Geotextile Fabric	Groundwater not encountered
	Number of Samples	7			

Depth (ft.)	Recovery (in/tot)	PID (ppm)	Odor	Moisture	Description Depth (ft)	Visual-Manual Identification & Description (Color, primary component NAME, secondary component, optional descriptions [SYMBOL])	Remarks (Sample Information, Depth of Casing, Other Tests, Fill Interval, etc.)
0		0	None	Dry	0-5	Dark brown very fine to coarse SAND with well sorted with pebbles and gravel [SM]	
1		0					5A1_1-2 collected
2		0					5A2_2-3 collected
3		0					
4		0					5A3_4-5 collected
5		0	None	Wet	5-10	SAA	5A1_5-6 collected
6		0					
7		0					5A2_7-8 collected
8		0					5A3_8-9 collected
9		0					5A1_9-10 collected
10						End of berm 10ft	
11							
12							
13							
14							
15							
16							
17							
18							
19							
20							
21							
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NOTE: Soil descriptions based on a modified Burmister method of visual-manual identification as practiced by Haley & Aldrich, Inc.

SOIL BORING LOG

BORING NO. 5B

PROJECT	Former Port Mobil Terminal - Berm Sampling	**PROJECT #**	0213836-001-002-03
LOCATION	4101 Arthur Kill Road	**PROJECT MGR.**	S. Commisso
CLIENT	NP Staten Island Industrial, LLC	**FIELD REP.**	K. Oconnor
CONTRACTOR	ENTACT	**DATE STARTED**	10/8/2025
OPERATOR	Jeremy Leibbrand	**DATE FINISHED**	10/8/2025

Test Pit Location	Depth & Sampling		Equipment Make & Model	Surface Conditions	Drilling Notes
Berm 5, Grid 5B - Northwest Face of Berm	Completion Depth (ft.)	10	Test Pit Method: CAT 314E Excavator	Top of Berm - Stone, Geotextile Fabric	Groundwater not encountered
	Number of Samples	7			

Depth (ft.)	Recovery (in/tot)	PID (ppm)	Odor	Moisture	Description Depth (ft)	Visual-Manual Identification & Description (Color, primary component NAME, secondary component, optional descriptions [SYMBOL])	Remarks (Sample Information, Depth of Casing, Other Tests, Fill Interval, etc.)
0		0	None	Dry	0-10	Dark brown well sorted very fine to coarse SAND with trace silt, pebbles and gravel [SM]	
1		0					5B1_1-2 collected
2		0					5B2_2-3 collected
3		0					5B3_3-4 collected
4		0					
5		0	None	Dry	5-10	SAA	5B1_5-6 collected
6		0					5B2_6-7 collected
7		0					
8		0					5B3_8-9 collected
9		0					5B2_9-10 collected
10						End of Berm 10ft	
11							
12							
13							
14							
15							
16							
17							
18							
19							
20							
21							
22							
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NOTE: Soil descriptions based on a modified Burmister method of visual-manual identification as practiced by Haley & Aldrich, Inc.

SOIL BORING LOG

BORING NO. 5C

PROJECT	Former Port Mobil Terminal - Berm Sampling	**PROJECT #**	0213836-001-002-03
LOCATION	4101 Arthur Kill Road	**PROJECT MGR.**	S. Commisso
CLIENT	NP Staten Island Industrial, LLC	**FIELD REP.**	K. Oconnor
CONTRACTOR	ENTACT	**DATE STARTED**	10/8/2025
OPERATOR	Jeremy Leibbrand	**DATE FINISHED**	10/8/2025

Test Pit Location	Depth & Sampling		Equipment Make & Model	Surface Conditions	Drilling Notes
Berm 5, Grid 5C - North Face of Berm	Completion Depth (ft.)	10	Test Pit Method: CAT 314E Excavator	Top of Berm - Stone, Geotextile Fabric	Groundwater not encountered
	Number of Samples	7			

Depth (ft.)	Recovery (in/tot)	PID (ppm)	Odor	Moisture	Description Depth (ft)	Visual-Manual Identification & Description (Color, primary component NAME, secondary component, optional descriptions [SYMBOL])	Remarks (Sample Information, Depth of Casing, Other Tests, Fill Interval, etc.)
0		0	None	Damp	0-5	Dark brown very fine to coarse well sorted SAND with some silt, pebbles and gravel [SM]	
1		0					5C1_1-2 collected
2		0					
3		0					5C2_3-4 collected
4		0					5C3_4-5 collected
5		0	None	Damp	5-10	SAA	5C1_5-6 collected
6		0					5C2_6-7 collected
7		0					
8		0					5C3_8-9 collected
9		0					5C3_9-10 collected
10						End of Berm 10ft	
11							
12							
13							
14							
15							
16							
17							
18							
19							
20							
21							
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NOTE: Soil descriptions based on a modified Burmister method of visual-manual identification as practiced by Haley & Aldrich, Inc.

SOIL BORING LOG

BORING NO. 5D

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PROJECT	Former Port Mobil Terminal - Berm Sampling	**PROJECT #**	0213836-001-002-03
LOCATION	4101 Arthur Kill Road	**PROJECT MGR.**	S. Commisso
CLIENT	NP Staten Island Industrial, LLC	**FIELD REP.**	K. Oconnor
CONTRACTOR	ENTACT	**DATE STARTED**	10/8/2025
OPERATOR	Jeremy Leibbrand	**DATE FINISHED**	10/8/2025

Test Pit Location	Depth & Sampling		Equipment Make & Model	Surface Conditions	Drilling Notes
Berm 5, Grid 5D - North Face of Berm	Completion Depth (ft.)	10	Test Pit Method: CAT 314E Excavator	Top of Berm - Stone, Geotextile Fabric	Groundwater not encountered
	Number of Samples	7			

Depth (ft.)	Recovery (in/tot)	PID (ppm)	Odor	Moisture	Description Depth (ft)	Visual-Manual Identification & Description (Color, primary component NAME, secondary component, optional descriptions [SYMBOL])	Remarks (Sample Information, Depth of Casing, Other Tests, Fill Interval, etc.)
0		0	None	Dry	0-5	Dark brown very fine to coarse SAND with some silt, pebbles, and gravel [SM]	
1		0					5D1_1-2 collected
2		0					
3		0					5D2_3-4 collected
4		0					5D3_4-5 collected
5		0	None	Dry	5-10	SAA	5D1_5-6 collected
6		0					
7		0					5D2_7-8 collected
8		0					5D3_8-9 collected
9		0					5D1_9-10 collected
10						End of boring 10ft	
11							
12							
13							
14							
15							
16							
17							
18							
19							
20							
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NOTE: Soil descriptions based on a modified Burmister method of visual-manual identification as practiced by Haley & Aldrich, Inc.

SOIL BORING LOG

BORING NO. 5E

PROJECT	Former Port Mobil Terminal - Berm Sampling	**PROJECT #**	0213836-001-002-03
LOCATION	4101 Arthur Kill Road	**PROJECT MGR.**	S. Commisso
CLIENT	NP Staten Island Industrial, LLC	**FIELD REP.**	K. Oconnor
CONTRACTOR	ENTACT	**DATE STARTED**	10/8/2025
OPERATOR	Jeremy Leibbrand	**DATE FINISHED**	10/8/2025

Test Pit Location	Depth & Sampling		Equipment Make & Model	Surface Conditions	Drilling Notes
Berm 5, Grid 5E - Southeast Face of Berm	**Completion Depth (ft.)**	10	**Test Pit Method** CAT 314E Excavator	Top of Berm - Stone, Geotextile Fabric	Groundwater not encountered
	Number of Samples	7			

Depth (ft.)	Recovery (in/tot)	PID (ppm)	Odor	Moisture	Description Depth (ft)	Visual-Manual Identification & Description (Color, primary component NAME, secondary component, optional descriptions [SYMBOL])	Remarks (Sample Information, Depth of Casing, Other Tests, Fill Interval, etc.)
0		0	None	Wet	0-5	Dark brown fine to coarse SAND, little silt [SM]	
1		0					5E1_1-2 collected
2		0					
3		0					5E2_3-4 collected
4		0					5E3_4-5 collected
5		0	None	Wet	5-10	SAA	
6		0					5E1_6-7 collected
7		0					5E2_7-8 collected
8		0					5E3_8-9 collected
9		0					5E1_9-10 collected
10						End of berm 10ft	
11							
12							
13							
14							
15							
16							
17							
18							
19							
20							
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NOTE: Soil descriptions based on a modified Burmister method of visual-manual identification as practiced by Haley & Aldrich, Inc.

SOIL BORING LOG

BORING NO. 6A

Page 1 of

PROJECT	Former Port Mobil Terminal - Berm Sampling	**PROJECT #**	0213836-001-002-03
LOCATION	4101 Arthur Kill Road	**PROJECT MGR.**	S. Commisso
CLIENT	NP Staten Island Industrial, LLC	**FIELD REP.**	K. Oconnor
CONTRACTOR	ENTACT	**DATE STARTED**	10/1/2025
OPERATOR	Jeremy Leibbrand	**DATE FINISHED**	10/1/2025

Test Pit Location	Depth & Sampling		Equipment Make & Model	Surface Conditions	Drilling Notes
Berm 6, Grid 6A - West Face of Berm	Completion Depth (ft.)	12	Test Pit Method: CAT 314E Excavator	Top of Berm - Stone, Geotextile Fabric	Groundwater not encountered
	Number of Samples	7			

Depth (ft.)	Recovery (in/tot)	PID (ppm)	Odor	Moisture	Description Depth (ft)	Visual-Manual Identification & Description (Color, primary component NAME, secondary component, optional descriptions [SYMBOL])	Remarks (Sample Information, Depth of Casing, Other Tests, Fill Interval, etc.)
0							
		0	None	Dry	0-6	Red to brown poorly sorted very fine to medium SAND, with silt, gravel, pebbles, and trace clay [SM]	
1		0					6A1_1-2 collected
2		0					6A2_2-3 collected
3		0					
4		0					6A3_4-5 collected
5		0					6A1_5-6 collected
6		0	None	Dry	6-12	Red to brown poorly sorted very fine to medium SAND, with silt, gravel, pebbles, and trace clay [SM]	
7		0					6A2_7-8 collected
8		0					
9		0					6A3_9-10 collected
10		0					6A1_10-11 collected
11		0					
12		0				End of Berm 12ft	
13							
14							
15							
16							
17							
18							
19							
20							
21							
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NOTE: Soil descriptions based on a modified Burmister method of visual-manual identification as practiced by Haley & Aldrich, Inc.

SOIL BORING LOG

BORING NO. 6B

Page 1 of

PROJECT	Former Port Mobil Terminal - Berm Sampling	**PROJECT #**	0213836-001-002-03
LOCATION	4101 Arthur Kill Road	**PROJECT MGR.**	S. Commisso
CLIENT	NP Staten Island Industrial, LLC	**FIELD REP.**	K. Oconnor
CONTRACTOR	ENTACT	**DATE STARTED**	10/1/2025
OPERATOR	Jeremy Leibbrand	**DATE FINISHED**	10/1/2025

Test Pit Location	Depth & Sampling		Equipment Make & Model	Surface Conditions	Drilling Notes
Berm 6, Grid 6B - Northewest Face of Berm	Completion Depth (ft.)	12	Test Pit Method: CAT 314E Excavator	Top of Berm - Stone, Geotextile Fabric	Groundwater not encountered
	Number of Samples	7			

Depth (ft.)	Recovery (in/tot)	PID (ppm)	Odor	Moisture	Description Depth (ft)	Visual-Manual Identification & Description (Color, primary component NAME, secondary component, optional descriptions [SYMBOL])	Remarks (Sample Information, Depth of Casing, Other Tests, Fill Interval, etc.)
0		0	None	Dry	0-6	Red to brown poorly sorted very fine to medium SAND, with silt, gravel, pebbles, and trace clay [SM]	
1		0					6B1_1-2 collected
2		0					6B3_2-3 collected
3		0					6B2_3-4 colelcted
4		0					
5		0					6B1_5-6 collected
6		0	None	Dry	6-12	Red to brown poorly sorted very fine to medium SAND, with silt, gravel, pebbles, and trace clay [SM]	
7		0					
8		0					6B3_8-9 collected
9		0					6B1_9-10 collected
10		0					
11		0					
12						End of Berm 12ft	
13							
14							
15							
16							
17							
18							
19							
20							
21							
22							
23							
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NOTE: Soil descriptions based on a modified Burmister method of visual-manual identification as practiced by Haley & Aldrich, Inc.

SOIL BORING LOG

BORING NO. 6C

PROJECT	Former Port Mobil Terminal - Berm Sampling	**PROJECT #**	0213836-001-002-03
LOCATION	4101 Arthur Kill Road	**PROJECT MGR.**	S. Commisso
CLIENT	NP Staten Island Industrial, LLC	**FIELD REP.**	K. Oconnor
CONTRACTOR	ENTACT	**DATE STARTED**	10/1/2025
OPERATOR	Jeremy Leibbrand	**DATE FINISHED**	10/1/2025

Test Pit Location	Depth & Sampling		Equipment Make & Model	Surface Conditions	Drilling Notes
Berm 6, Grid 6C - North Face of Berm	**Completion Depth (ft.)**	12	**Test Pit Method** CAT 314E Excavator	Top of Berm - Stone, Geotextile Fabric	Groundwater not encountered
	Number of Samples	7			

Depth (ft.)	Recovery (in/tot)	PID (ppm)	Odor	Moisture	Description Depth (ft)	Visual-Manual Identification & Description (Color, primary component NAME, secondary component, optional descriptions [SYMBOL])	Remarks (Sample Information, Depth of Casing, Other Tests, Fill Interval, etc.)
0		0	None	Dry	0-6	Red to brown poorly sorted very fine to medium SAND with gravel and pebbles [SW]	
1		0					6C1_1-2 collected
2		0					6C2_2-3 collected
3		0					
4		0					6C3_4-5 collected
5		0					6C1_5-6 collected
6		0	None	Dry	6-12	SAA	
7		0					6C2_7-8 collected
8		0					
9		0					6C3_9-10 collected
10		0					6C2_10-11 collected
11		0					
12						End of Berm 12ft	
13							
14							
15							
16							
17							
18							
19							
20							
21							
22							
23							
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NOTE: Soil descriptions based on a modified Burmister method of visual-manual identification as practiced by Haley & Aldrich, Inc.

SOIL BORING LOG

BORING NO. 6D

PROJECT	Former Port Mobil Terminal - Berm Sampling	**PROJECT #**	0213836-001-002-03
LOCATION	4101 Arthur Kill Road	**PROJECT MGR.**	S. Commisso
CLIENT	NP Staten Island Industrial, LLC	**FIELD REP.**	K. Oconnor
CONTRACTOR	ENTACT	**DATE STARTED**	10/2/2025
OPERATOR	Jeremy Leibbrand	**DATE FINISHED**	10/2/2025

Test Pit Location	Depth & Sampling		Equipment Make & Model	Surface Conditions	Drilling Notes
Berm 6, Grid 6D - East Face of Berm	Completion Depth (ft.)	12	Test Pit Method: CAT 314E Excavator	Top of Berm - Stone, Geotextile Fabric	Groundwater not encountered
	Number of Samples	7			

Depth (ft.)	Recovery (in/tot)	PID (ppm)	Odor	Moisture	Description Depth (ft)	Visual-Manual Identification & Description (Color, primary component NAME, secondary component, optional descriptions [SYMBOL])	Remarks (Sample Information, Depth of Casing, Other Tests, Fill Interval, etc.)
0		0	None	Dry	0-6	Red to brown poorly sorted very fine to medium SAND with gravel and pebbles, and trace silt [SW]	
1		0					6D1_1-2 collected
2		0					6D2_2-3 collected
3		0					
4		0					6D3_4-5 collected
5		0					
6		0	None	Dry	6-12	SAA	6D1_6-7 collected
7		0					6D2_7-8 collected
8		0					
9		0					6D3_9-10 collected
10		0.1					6D1_10-11 collected
11		0					
12						End of Boring 12ft	
13							
14							
15							
16							
17							
18							
19							
20							
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22							
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NOTE: Soil descriptions based on a modified Burmister method of visual-manual identification as practiced by Haley & Aldrich, Inc.

SOIL BORING LOG

BORING NO. 6E

Page 1 of 1

PROJECT	Former Port Mobil Terminal - Berm Sampling	**PROJECT #**	0213836-001-002-03
LOCATION	4101 Arthur Kill Road	**PROJECT MGR.**	S. Commisso
CLIENT	NP Staten Island Industrial, LLC	**FIELD REP.**	K. Oconnor
CONTRACTOR	ENTACT	**DATE STARTED**	10/2/2025
OPERATOR	Jeremy Leibbrand	**DATE FINISHED**	10/2/2025

Test Pit Location	Depth & Sampling		Equipment Make & Model	Surface Conditions	Drilling Notes
Berm 6, Grid 6E - Southeast Face of Berm	Completion Depth (ft.)	12	Test Pit Method: CAT 314E Excavator	Top of Berm - Stone, Geotextile Fabric	Groundwater not encountered
	Number of Samples	7			

Depth (ft.)	Recovery (in/tot)	PID (ppm)	Odor	Moisture	Description Depth (ft)	Visual-Manual Identification & Description (Color, primary component NAME, secondary component, optional descriptions [SYMBOL])	Remarks (Sample Information, Depth of Casing, Other Tests, Fill Interval, etc.)
0		0	None	Dry	0-6	Red to brown poorly sorted very fine to medium SAND with gravel and pebbles [SW]	
1		0					6E1_1-2 collected
2		0					
3		0					6E2_3-4 collected
4		0					6E3_4-5 collected
5		0					
6			None	Dry	6-12	SAA	
		0					6E1_6-7 collected
7		0					6E2_7-8 collected
8		0					6E3_8-9 collected
9		0					
10		0					
11		0					6E3_11-12 collected
12						End of Berm 12ft	
13							
14							
15							
16							
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19							
20							
21							
22							
23							
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NOTE: Soil descriptions based on a modified Burmister method of visual-manual identification as practiced by Haley & Aldrich, Inc.

SOIL BORING LOG

BORING NO. 6F

PROJECT	Former Port Mobil Terminal - Berm Sampling	**PROJECT #**	0213836-001-002-03
LOCATION	4101 Arthur Kill Road	**PROJECT MGR.**	S. Commisso
CLIENT	NP Staten Island Industrial, LLC	**FIELD REP.**	K. Oconnor
CONTRACTOR	ENTACT	**DATE STARTED**	10/2/2025
OPERATOR	Jeremy Leibbrand	**DATE FINISHED**	10/2/2025

Test Pit Location	Depth & Sampling		Equipment Make & Model	Surface Conditions	Drilling Notes
Berm 6, Grid 6F - Southwest Face of Berm	Completion Depth (ft.)	12	Test Pit Method: CAT 314E Excavator	Top of Berm - Stone, Geotextile Fabric	Groundwater not encountered
	Number of Samples	7			

Depth (ft.)	Recovery (in/tot)	PID (ppm)	Odor	Moisture	Description Depth (ft)	Visual-Manual Identification & Description (Color, primary component NAME, secondary component, optional descriptions [SYMBOL])	Remarks (Sample Information, Depth of Casing, Other Tests, Fill Interval, etc.)
0		0	None	Dry	0-6	Red to brown poorly sorted very fine to medium SAND, with silt, gravel and pebbles, and trace clay [SM]	
1		0					6F1_1-2 collected
2		0					
3		0					6F2_3-4 collected
4		0					6F3_4-5 collected
5		0					
6		0	None	Dry	6-12	SAA	6F1_6-7 collected
7		0					6F2_7-8 collected
8		0					
9		0					6F3_9-10 collected
10		0					6F2_10-11 collected
11		0					
12						End of Boring 12ft	
13							
14							
15							
16							
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NOTE: Soil descriptions based on a modified Burmister method of visual-manual identification as practiced by Haley & Aldrich, Inc.

SOIL BORING LOG

BORING NO. 8A

PROJECT	Former Port Mobil Terminal - Berm Sampling	**PROJECT #**	0213836-001-002-03
LOCATION	4101 Arthur Kill Road	**PROJECT MGR.**	S. Commisso
CLIENT	NP Staten Island Industrial, LLC	**FIELD REP.**	K. Oconnor
CONTRACTOR	ENTACT	**DATE STARTED**	10/1/2025
OPERATOR	Jeremy Leibbrand	**DATE FINISHED**	10/1/2025

Test Pit Location	Depth & Sampling		Equipment Make & Model	Surface Conditions	Drilling Notes
Berm 8, Grid 8A - South Face of Berm	**Completion Depth (ft.)**	**10**	**Test Pit Method**	Top of Berm - Stone, Geotextile Fabric	Groundwater not encountered
	Number of Samples	**7**	CAT 314E Excavator		

Depth (ft.)	Recovery (in/tot)	PID (ppm)	Odor	Moisture	Description Depth (ft)	Visual-Manual Identification & Description (Color, primary component NAME, secondary component, optional descriptions [SYMBOL])	Remarks (Sample Information, Depth of Casing, Other Tests, Fill Interval, etc.)
0		0	None	Dry	0-10	Red to brown poorly sorted fine to medium SAND with silt, gravel and pebbles [SM]	
1		0					8A1_1-2 collected
2		0					8A2_2-3 collected
3		0					
4		0					8A3_4-5 collected
5		0	None	Damp	5-10	SAA	8A1_5-6 collected
6		0					
7		0					8A2_7-8 collected
8		0					8A3_8-9 collected
9		0					
10						End of Berm 10ft	8A1_9-10 collected
11							
12							
13							
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NOTE: Soil descriptions based on a modified Burmister method of visual-manual identification as practiced by Haley & Aldrich, Inc.

SOIL BORING LOG

BORING NO. 8B

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PROJECT	Former Port Mobil Terminal - Berm Sampling	**PROJECT #**	0213836-001-002-03
LOCATION	4101 Arthur Kill Road	**PROJECT MGR.**	S. Commisso
CLIENT	NP Staten Island Industrial, LLC	**FIELD REP.**	K. Oconnor
CONTRACTOR	ENTACT	**DATE STARTED**	10/1/2025
OPERATOR	Jeremy Leibbrand	**DATE FINISHED**	10/1/2025

Test Pit Location	Depth & Sampling		Equipment Make & Model	Surface Conditions	Drilling Notes
Berm 8, Grid 8B - North Face of Berm	Completion Depth (ft.)	10	Test Pit Method: CAT 314E Excavator	Top of Berm - Stone, Geotextile Fabric	Groundwater not encountered
	Number of Samples	7			

Depth (ft.)	Recovery (in/tot)	PID (ppm)	Odor	Moisture	Description Depth (ft)	Visual-Manual Identification & Description (Color, primary component NAME, secondary component, optional descriptions [SYMBOL])	Remarks (Sample Information, Depth of Casing, Other Tests, Fill Interval, etc.)
0		0	None	Damp	0-5	Red to brown poorly sorted fine to medium SAND with silt, gravel and pebbles [SM]	
1		0					8B1_1-2 collected
2		0					8B2_2-3 collected
3		0					
4		0					8B3_4-5 collected
5		0	None	Damp	5-10	SAA	8B1_5-6 collected
6		0					8B2_6-7 collected
7		0					
8		0					8B3_8-9 collected
9		0					
10						End of Berm 10ft	8B2_9-10 collected
11							
12							
13							
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NOTE: Soil descriptions based on a modified Burmister method of visual-manual identification as practiced by Haley & Aldrich, Inc.

SOIL BORING LOG

BORING NO. 20A

PROJECT	Former Port Mobil Terminal - Berm Sampling	**PROJECT #**	0213836-001-002-03
LOCATION	4101 Arthur Kill Road	**PROJECT MGR.**	S. Commisso
CLIENT	NP Staten Island Industrial, LLC	**FIELD REP.**	O. Colon
CONTRACTOR	ENTACT	**DATE STARTED**	10/13/2025
OPERATOR	Jeremy Leibbrand	**DATE FINISHED**	10/13/2025

Test Pit Location	Depth & Sampling		Equipment Make & Model	Surface Conditions	Drilling Notes
Berm 20, Grid 20A	Completion Depth (ft.)	8	Test Pit Method: CAT 314E Excavator	Top of Berm - Stone, Geotextile Fabric	Groundwater not encountered
	Number of Samples	7			

Depth (ft.)	Recovery (in/tot)	PID (ppm)	Odor	Moisture	Description Depth (ft)	Visual-Manual Identification & Description (Color, primary component NAME, secondary component, optional descriptions [SYMBOL])	Remarks (Sample Information, Depth of Casing, Other Tests, Fill Interval, etc.)
0		0	None	Dry	0-4	Light brown SAND with clay and silt [SC]	20A2_1-2 collected
1		0					
2		0					20A3_2-3 collected
3		0					20A1_3-4 collected
4		0	None	Dry	4-8	SAA	20A1_4-5 collected
5		0					20A1_5-6 collected
6		0					20A2_6-7 collected
7		0					20A3_7-8 collected
8						End of Berm at 8ft	
9							
10							
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NOTE: Soil descriptions based on a modified Burmister method of visual-manual identification as practiced by Haley & Aldrich, Inc.

SOIL BORING LOG

BORING NO. 41A

Page 1 of 1

PROJECT	Former Port Mobil Terminal - Berm Sampling	**PROJECT #**	0213836-001-002-03
LOCATION	4101 Arthur Kill Road	**PROJECT MGR.**	S. Commisso
CLIENT	NP Staten Island Industrial, LLC	**FIELD REP.**	O. Colon
CONTRACTOR	ENTACT	**DATE STARTED**	10/13/2025
OPERATOR	Jeremy Leibbrand	**DATE FINISHED**	10/13/2025

Test Pit Location	Depth & Sampling		Equipment Make & Model	Surface Conditions	Drilling Notes
Berm 41, Grid 41A	Completion Depth (ft.)	12	Test Pit Method: CAT 314E Excavator	Top of Berm - Stone, Geotextile Fabric	Groundwater not encountered
	Number of Samples	7			

Depth (ft.)	Recovery (in/tot)	PID (ppm)	Odor	Moisture	Description Depth (ft)	Visual-Manual Identification & Description (Color, primary component NAME, secondary component, optional descriptions [SYMBOL])	Remarks (Sample Information, Depth of Casing, Other Tests, Fill Interval, etc.)
0		0	None	Damp	0-3	Light brown SAND with clay, silt, and some gravel [SC]	
1		0					41A2_1-2 collected
2		0					41A3_2-3 collected
							41A1_2-3 collected
3		0	None	Damp	3-6	SAA	41A4_3-4 collected
4		0					41A5_4-5 collected
5		0					41A1_5-6 collected
6						End of Berm 6ft	41A6_5-6 colelcted
7							
8							
9							
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NOTE: Soil descriptions based on a modified Burmister method of visual-manual identification as practiced by Haley & Aldrich, Inc.

SOIL BORING LOG

BORING NO. 43A

PROJECT	Former Port Mobil Terminal - Berm Sampling	**PROJECT #**	0213836-001-002-03
LOCATION	4101 Arthur Kill Road	**PROJECT MGR.**	S. Commisso
CLIENT	NP Staten Island Industrial, LLC	**FIELD REP.**	K. Oconnor
CONTRACTOR	ENTACT	**DATE STARTED**	10/1/2025
OPERATOR	Jeremy Leibbrand	**DATE FINISHED**	10/1/2025

Test Pit Location	Depth & Sampling		Equipment Make & Model	Surface Conditions	Drilling Notes
Berm 43, Grid 43A - South Face of Berm	Completion Depth (ft.)	8	Test Pit Method: CAT 314E Excavator	Top of Berm - Stone, Geotextile Fabric	Groundwater not encountered
	Number of Samples	7			

Depth (ft.)	Recovery (in/tot)	PID (ppm)	Odor	Moisture	Description Depth (ft)	Visual-Manual Identification & Description (Color, primary component NAME, secondary component, optional descriptions [SYMBOL])	Remarks (Sample Information, Depth of Casing, Other Tests, Fill Interval, etc.)
0		0	None	Dry	0-4	Light brown poorly sorted fine to coarse SAND with gravel and pebbles [SM]	
1		0					43A1_1-2 collected
2		0					43A2_2-3 collected
3		0					43A3_3-4 collected
4		0	None	Dry	4-8		43A1_4-5 collected
5		0				SAA	43A2_5-6 collected
6		0					43A3_6-7 collected
7		0					43A2_7-8 collected
8						End of Berm 8ft	
9							
10							
11							
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NOTE: Soil descriptions based on a modified Burmister method of visual-manual identification as practiced by Haley & Aldrich, Inc.

SOIL BORING LOG

BORING NO. 43B

PROJECT	Former Port Mobil Terminal - Berm Sampling	**PROJECT #**	0213836-001-002-03
LOCATION	4101 Arthur Kill Road	**PROJECT MGR.**	S. Commisso
CLIENT	NP Staten Island Industrial, LLC	**FIELD REP.**	K. Oconnor
CONTRACTOR	ENTACT	**DATE STARTED**	10/1/2025
OPERATOR	Jeremy Leibbrand	**DATE FINISHED**	10/1/2025

Test Pit Location	Depth & Sampling		Equipment Make & Model	Surface Conditions	Drilling Notes
Berm 43, Grid 43B - North Face of Berm	Completion Depth (ft.)	8	Test Pit Method: CAT 314E Excavator	Top of Berm - Stone, Geotextile Fabric	Groundwater not encountered
	Number of Samples	7			

Depth (ft.)	Recovery (in/tot)	PID (ppm)	Odor	Moisture	Description Depth (ft)	Visual-Manual Identification & Description (Color, primary component NAME, secondary component, optional descriptions [SYMBOL])	Remarks (Sample Information, Depth of Casing, Other Tests, Fill Interval, etc.)
0		0	None	Moist	0-4	Light brown poorly sorted fine to coarse SAND with gravel and pebbles [SM]	
1		0					43B1_1-2 collected
2		0					43B2_2-3 collected
3		0					43B3_3-4 collected
4		0	None	Moist	0-4	SAA	43B1_4-5 collected
5		0					43B2_5-6 collected
6		0					43B3_6-7 collected
7		0					43B1_7-8 collected
8						End of Berm 8ft	
9							
10							
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NOTE: Soil descriptions based on a modified Burmister method of visual-manual identification as practiced by Haley & Aldrich, Inc.

SOIL BORING LOG

BORING NO. 44A

PROJECT	Former Port Mobil Terminal - Berm Sampling	**PROJECT #**	0213836-001-002-03
LOCATION	4101 Arthur Kill Road	**PROJECT MGR.**	S. Commisso
CLIENT	NP Staten Island Industrial, LLC	**FIELD REP.**	K. Oconnor
CONTRACTOR	ENTACT	**DATE STARTED**	10/7/2025
OPERATOR	Jeremy Leibbrand	**DATE FINISHED**	10/7/2025

Test Pit Location	Depth & Sampling		Equipment Make & Model	Surface Conditions	Drilling Notes
Berm 44, Grid 44A - West Face of Berm	Completion Depth (ft.)	8	Test Pit Method: CAT 314E Excavator	Top of Berm - Stone, Geotextile Fabric	Groundwater not encountered
	Number of Samples	7			

Depth (ft.)	Recovery (in/tot)	PID (ppm)	Odor	Moisture	Description Depth (ft)	Visual-Manual Identification & Description (Color, primary component NAME, secondary component, optional descriptions [SYMBOL])	Remarks (Sample Information, Depth of Casing, Other Tests, Fill Interval, etc.)
0		0	None	Dry	0-4	Yellow brown very fine to coarse SAND, with gravel, and trace silt [SM]	
1		0					44A1_1-2 collected
2		0					44A2_2-3 collected
3		0					44A3_3-4 collected
4			None	Dry	4-8	SAA	
		0					44A1_4-5 collected
5		0					44A2_5-6 collected
6		0					44A3_6-7 collected
7		0					44A1_7-8 collected
8						End of Berm 8ft	
9							
10							
11							
12							
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NOTE: Soil descriptions based on a modified Burmister method of visual-manual identification as practiced by Haley & Aldrich, Inc.

SOIL BORING LOG

BORING NO. 44B

PROJECT	Former Port Mobil Terminal - Berm Sampling	**PROJECT #**	0213836-001-002-03
LOCATION	4101 Arthur Kill Road	**PROJECT MGR.**	S. Commisso
CLIENT	NP Staten Island Industrial, LLC	**FIELD REP.**	K. Oconnor
CONTRACTOR	ENTACT	**DATE STARTED**	10/7/2025
OPERATOR	Jeremy Leibbrand	**DATE FINISHED**	10/7/2025

Test Pit Location	Depth & Sampling		Equipment Make & Model	Surface Conditions	Drilling Notes
Berm 44, Grid 44B - Northwest Face of Berm	Completion Depth (ft.)	8	Test Pit Method: CAT 314E Excavator	Top of Berm - Stone, Geotextile Fabric	Groundwater not encountered
	Number of Samples	7			

Depth (ft.)	Recovery (in/tot)	PID (ppm)	Odor	Moisture	Description Depth (ft)	Visual-Manual Identification & Description (Color, primary component NAME, secondary component, optional descriptions [SYMBOL])	Remarks (Sample Information, Depth of Casing, Other Tests, Fill Interval, etc.)
0		0	None	Dry	0-4	Light brown poorly sorted very fine to coarse SAND with pebbles and gravel, and trace silt [SM]	
1		0					44B1_1-2 collected
2		0					44B2_2-3 collected
3		0					44B3_3-4 collected
4		0	None	Dry	4-8	SAA	44B1_4-5 collected
5		0					44B2_5-6 collected
6		0					44B3_6-7 collected
7		0					44B2_7-8 collected
8		0				End of Berm 8ft	
9							
10							
11							
12							
13							
14							
15							
16							
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NOTE: Soil descriptions based on a modified Burmister method of visual-manual identification as practiced by Haley & Aldrich, Inc.

SOIL BORING LOG

BORING NO. 44C

PROJECT	Former Port Mobil Terminal - Berm Sampling	**PROJECT #**	0213836-001-002-03
LOCATION	4101 Arthur Kill Road	**PROJECT MGR.**	S. Commisso
CLIENT	NP Staten Island Industrial, LLC	**FIELD REP.**	K. Oconnor
CONTRACTOR	ENTACT	**DATE STARTED**	10/7/2025
OPERATOR	Jeremy Leibbrand	**DATE FINISHED**	10/7/2025

Test Pit Location	Depth & Sampling		Equipment Make & Model	Surface Conditions	Drilling Notes
Berm 44, Grid 44C - North Face of Berm	Completion Depth (ft.)	8	Test Pit Method: CAT 314E Excavator	Top of Berm - Stone, Geotextile Fabric	Groundwater not encountered
	Number of Samples	7			

Depth (ft.)	Recovery (in/tot)	PID (ppm)	Odor	Moisture	Description Depth (ft)	Visual-Manual Identification & Description (Color, primary component NAME, secondary component, optional descriptions [SYMBOL])	Remarks (Sample Information, Depth of Casing, Other Tests, Fill Interval, etc.)
0		0	None	Dry	0-4	Light brown poorly sorted very fine to coarse SAND with pebbles and gravel, and trace silt [SM]	
1		0					44C1_1-2 collected
2		0					44C2_2-3 collected
3		0					44C3_3-4 collected
4		0	None	Dry	4-8	SAA	44C1_4-5 collected
5		0					44C2_5-6 collected
6		0					44C3_6-7 collected
7		0					44C1_7-8 collected
8		0				End of Berm 8ft	
9							
10							
11							
12							
13							
14							
15							
16							
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18							
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NOTE: Soil descriptions based on a modified Burmister method of visual-manual identification as practiced by Haley & Aldrich, Inc.

SOIL BORING LOG

BORING NO. 44D

PROJECT	Former Port Mobil Terminal - Berm Sampling	**PROJECT #**	0213836-001-002-03
LOCATION	4101 Arthur Kill Road	**PROJECT MGR.**	S. Commisso
CLIENT	NP Staten Island Industrial, LLC	**FIELD REP.**	K. Oconnor
CONTRACTOR	ENTACT	**DATE STARTED**	10/7/2025
OPERATOR	Jeremy Leibbrand	**DATE FINISHED**	10/7/2025

Test Pit Location	Depth & Sampling		Equipment Make & Model	Surface Conditions	Drilling Notes
Berm 44, Grid 44D - East Face of Berm	Completion Depth (ft.)	8	Test Pit Method: CAT 314E Excavator	Top of Berm - Stone, Geotextile Fabric	Groundwater not encountered
	Number of Samples	7			

Depth (ft.)	Recovery (in/tot)	PID (ppm)	Odor	Moisture	Description Depth (ft)	Visual-Manual Identification & Description (Color, primary component NAME, secondary component, optional descriptions [SYMBOL])	Remarks (Sample Information, Depth of Casing, Other Tests, Fill Interval, etc.)
0		0	None	Dry	0-4	Light brown poorly sorted very fine to coarse SAND with pebbles and gravel, and trace silt [SM]	
1		0					44D1_1-2 collected
2		0					44D2_2-3 collected
3		0					44D3_3-4 collected
4		0	None	Dry	4-8	SAA	44D1_4-5 collected
5		0					44D2_5-6 collected
6		0					44D3_6-7 collected
7		0					44D2-7-8 collected
8		0				End of Berm 8ft	
9							
10							
11							
12							
13							
14							
15							
16							
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NOTE: Soil descriptions based on a modified Burmister method of visual-manual identification as practiced by Haley & Aldrich, Inc.

SOIL BORING LOG

BORING NO. 44E

PROJECT	Former Port Mobil Terminal - Berm Sampling	**PROJECT #**	0213836-001-002-03
LOCATION	4101 Arthur Kill Road	**PROJECT MGR.**	S. Commisso
CLIENT	NP Staten Island Industrial, LLC	**FIELD REP.**	K. Oconnor
CONTRACTOR	ENTACT	**DATE STARTED**	10/7/2025
OPERATOR	Jeremy Leibbrand	**DATE FINISHED**	10/7/2025

Test Pit Location	Depth & Sampling		Equipment Make & Model	Surface Conditions	Drilling Notes
Berm 44, Grid 44E - Southeast Face of Berm	Completion Depth (ft.)	8	Test Pit Method: CAT 314E Excavator	Top of Berm - Stone, Geotextile Fabric	Groundwater not encountered
	Number of Samples	7			

Depth (ft.)	Recovery (in/tot)	PID (ppm)	Odor	Moisture	Description Depth (ft)	Visual-Manual Identification & Description (Color, primary component NAME, secondary component, optional descriptions [SYMBOL])	Remarks (Sample Information, Depth of Casing, Other Tests, Fill Interval, etc.)
0		0	None	Dry	0-4	Light brown poorly sorted very fine to coarse SAND with pebbles and gravel, and trace silt [SM]	
1		0					44E1_1-2 collected
2		0					44E2_2-3 collected
3		0					44E3_3-4 collected
4		0	None	Dry	4-8	SAA	44E3_4-5 collected
5		0					44E1_5-6 collected
6		0					44E1_6-7 collected
7		0					44E2_7-8 collected
8		0				End of Berm 8ft	
9							
10							
11							
12							
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NOTE: Soil descriptions based on a modified Burmister method of visual-manual identification as practiced by Haley & Aldrich, Inc.

SOIL BORING LOG

BORING NO. 44F

PROJECT	Former Port Mobil Terminal - Berm Sampling	**PROJECT #**	0213836-001-002-03
LOCATION	4101 Arthur Kill Road	**PROJECT MGR.**	S. Commisso
CLIENT	NP Staten Island Industrial, LLC	**FIELD REP.**	K. Oconnor
CONTRACTOR	ENTACT	**DATE STARTED**	10/7/2025
OPERATOR	Jeremy Leibbrand	**DATE FINISHED**	10/7/2025

Test Pit Location	Depth & Sampling		Equipment Make & Model	Surface Conditions	Drilling Notes
Berm 44, Grid 44F - South Face of Berm	Completion Depth (ft.)	8	Test Pit Method: CAT 314E Excavator	Top of Berm - Stone, Geotextile Fabric	Groundwater not encountered
	Number of Samples	7			

Depth (ft.)	Recovery (in/tot)	PID (ppm)	Odor	Moisture	Description Depth (ft)	Visual-Manual Identification & Description (Color, primary component NAME, secondary component, optional descriptions [SYMBOL])	Remarks (Sample Information, Depth of Casing, Other Tests, Fill Interval, etc.)
0		0	None	Dry	0-4	Red brown SAND with clay and trace silt [SC]	
1		0					44F1_1-2 collected
2		0					44F2_2-3 collected
3		0					
4		0	None	Dry	4-8	SAA	44F3_4-5 collected
5		0					44F1_5-6 collected
6		0					44F2_6-7 collected
7		0					44F3_7-8 collected
8		0				End of Berm 8ft	44F1_7-8 collected
9							
10							
11							
12							
13							
14							
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NOTE: Soil descriptions based on a modified Burmister method of visual-manual identification as practiced by Haley & Aldrich, Inc.

SOIL BORING LOG

BORING NO. 45A

PROJECT	Former Port Mobil Terminal - Berm Sampling	**PROJECT #**	0213836-001-002-03
LOCATION	4101 Arthur Kill Road	**PROJECT MGR.**	S. Commisso
CLIENT	NP Staten Island Industrial, LLC	**FIELD REP.**	K. Oconnor
CONTRACTOR	ENTACT	**DATE STARTED**	10/7/2025
OPERATOR	Jeremy Leibbrand	**DATE FINISHED**	10/7/2025

Test Pit Location	Depth & Sampling		Equipment Make & Model	Surface Conditions	Drilling Notes
Berm 45, Grid 45A - Northwest Face of Berm	Completion Depth (ft.)	12	Test Pit Method: CAT 314E Excavator	Top of Berm - Stone, Geotextile Fabric	Groundwater not encountered
	Number of Samples	7			

Depth (ft.)	Recovery (in/tot)	PID (ppm)	Odor	Moisture	Description Depth (ft)	Visual-Manual Identification & Description (Color, primary component NAME, secondary component, optional descriptions [SYMBOL])	Remarks (Sample Information, Depth of Casing, Other Tests, Fill Interval, etc.)
0		0	None	Dry	0-6	Light brown very fine to coarse SAND with pebbles and gravel and trace silt [SM]	
1		0					45A1_1-2 collected
2		0					45A2_2-3 collected
3		0					
4		0					45A3_4-5 collected
5		0					45A1_5-6 collected
6		0	None	Dry	6-12	SAA	
7		0					45A2_7-8 collected
8		0					
9		0					45A3_9-10 collected
10		0					
11		0					45A1_11-12 collected
12						End of Berm 12ft	
13							
14							
15							
16							
17							
18							
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NOTE: Soil descriptions based on a modified Burmister method of visual-manual identification as practiced by Haley & Aldrich, Inc.

SOIL BORING LOG

BORING NO. 45B

PROJECT	Former Port Mobil Terminal - Berm Sampling	**PROJECT #**	0213836-001-002-03
LOCATION	4101 Arthur Kill Road	**PROJECT MGR.**	S. Commisso
CLIENT	NP Staten Island Industrial, LLC	**FIELD REP.**	K. Oconnor
CONTRACTOR	ENTACT	**DATE STARTED**	10/7/2025
OPERATOR	Jeremy Leibbrand	**DATE FINISHED**	10/7/2025

Test Pit Location	Depth & Sampling		Equipment Make & Model	Surface Conditions	Drilling Notes
Berm 45, Grid 45B - Northeast Face of Berm	**Completion Depth (ft.)**	12	**Test Pit Method**	Top of Berm - Stone, Geotextile Fabric	Groundwater not encountered
	Number of Samples	7	CAT 314E Excavator		

Depth (ft.)	Recovery (in/tot)	PID (ppm)	Odor	Moisture	Description Depth (ft)	Visual-Manual Identification & Description (Color, primary component NAME, secondary component, optional descriptions [SYMBOL])	Remarks (Sample Information, Depth of Casing, Other Tests, Fill Interval, etc.)
0		0	None	Dry	0-6	Light brown very fine to coarse SAND with pebbles and gravel and trace silt [SM]	
1		0					45B1_1-2 collected
2		0					
3		0					45B2_3-4 collected
4		0					45B3_4-5 collected
5		0					
6		0	None	Dry	6-12	SAA	45B1_6-7 collected
7		0					45B2_7-8 collected
8		0					
9		0					45B3_9-10 collected
10		0					45B2_10-11 collected
11		0					
12						End of Berm 12ft	
13							
14							
15							
16							
17							
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NOTE: Soil descriptions based on a modified Burmister method of visual-manual identification as practiced by Haley & Aldrich, Inc.

SOIL BORING LOG

BORING NO. 45C

PROJECT	Former Port Mobil Terminal - Berm Sampling	**PROJECT #**	0213836-001-002-03
LOCATION	4101 Arthur Kill Road	**PROJECT MGR.**	S. Commisso
CLIENT	NP Staten Island Industrial, LLC	**FIELD REP.**	K. Oconnor
CONTRACTOR	ENTACT	**DATE STARTED**	10/7/2025
OPERATOR	Jeremy Leibbrand	**DATE FINISHED**	10/7/2025

Test Pit Location	Depth & Sampling		Equipment Make & Model	Surface Conditions	Drilling Notes
Berm 45, Grid 45C - South Face of Berm	Completion Depth (ft.)	12	Test Pit Method: CAT 314E Excavator	Top of Berm - Stone, Geotextile Fabric	Groundwater not encountered
	Number of Samples	7			

Depth (ft.)	Recovery (in/tot)	PID (ppm)	Odor	Moisture	Description Depth (ft)	Visual-Manual Identification & Description (Color, primary component NAME, secondary component, optional descriptions [SYMBOL])	Remarks (Sample Information, Depth of Casing, Other Tests, Fill Interval, etc.)
0		0	None	Dry	0-12	Light brown very fine to coarse SAND with pebbles and gravel and trace silt [SM]	
1		0					45C1_1-2 collected
2		0					
3		0					45C2_3-4 collected
4		0					45C3_4-5 collected
5		0					45C1_5-6 collected
6		0	None	Dry	6-12	SAA	45C2_6-7 collected
7		0					
8		0					45C3_8-9 collected
9		0					
10		0					
11		0					45C2_11-12 collected
12						End of Berm 12ft	
13							
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NOTE: Soil descriptions based on a modified Burmister method of visual-manual identification as practiced by Haley & Aldrich, Inc.

SOIL BORING LOG

BORING NO. 48A

PROJECT	Former Port Mobil Terminal - Berm Sampling	**PROJECT #**	0213836-001-002-03
LOCATION	4101 Arthur Kill Road	**PROJECT MGR.**	S. Commisso
CLIENT	NP Staten Island Industrial, LLC	**FIELD REP.**	K. Oconnor
CONTRACTOR	ENTACT	**DATE STARTED**	10/6/2025
OPERATOR	Jeremy Leibbrand	**DATE FINISHED**	10/6/2025

Test Pit Location	Depth & Sampling		Equipment Make & Model	Surface Conditions	Drilling Notes
Berm 48, Grid 48A - West Face of Berm	Completion Depth (ft.)	6	Test Pit Method: CAT 314E Excavator	Top of Berm - Stone, Geotextile Fabric	Groundwater not encountered
	Number of Samples	7			

Depth (ft.)	Recovery (in/tot)	PID (ppm)	Odor	Moisture	Description Depth (ft)	Visual-Manual Identification & Description (Color, primary component NAME, secondary component, optional descriptions [SYMBOL])	Remarks (Sample Information, Depth of Casing, Other Tests, Fill Interval, etc.)
0		0	None	Dry	0-3	Dark brown fine to coarse SAND with pebbles and gravel [SM]	48A1_0-1 collected
1		0.3					48A3_1-2 collected
2		0.3					48A3_2-3 collected
3		0	None	Dry	3-6	SAA	48A2_3-4 collected
4		0					48A1_4-5 collected
5		0					48A1_5-6 collected
6						End of Berm 6ft	
7							
8							
9							
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NOTE: Soil descriptions based on a modified Burmister method of visual-manual identification as practiced by Haley & Aldrich, Inc.

SOIL BORING LOG

BORING NO. 48B

PROJECT	Former Port Mobil Terminal - Berm Sampling	**PROJECT #**	0213836-001-002-03
LOCATION	4101 Arthur Kill Road	**PROJECT MGR.**	S. Commisso
CLIENT	NP Staten Island Industrial, LLC	**FIELD REP.**	K. Oconnor
CONTRACTOR	ENTACT	**DATE STARTED**	10/6/2025
OPERATOR	Jeremy Leibbrand	**DATE FINISHED**	10/6/2025

Test Pit Location	Depth & Sampling		Equipment Make & Model	Surface Conditions	Drilling Notes
Berm 48, Grid 48B - North Face of Berm	Completion Depth (ft.)	6	Test Pit Method: CAT 314E Excavator	Top of Berm - Stone, Geotextile Fabric	Groundwater not encountered
	Number of Samples	7			

Depth (ft.)	Recovery (in/tot)	PID (ppm)	Odor	Moisture	Description Depth (ft)	Visual-Manual Identification & Description (Color, primary component NAME, secondary component, optional descriptions [SYMBOL])	Remarks (Sample Information, Depth of Casing, Other Tests, Fill Interval, etc.)
0		0	None	Dry	0-3	Dark brown fine to coarse SAND with pebbles and gravel [SM]	48B1_0-1 collected
1		0					48B2_1-2 collected
2		0					48B3_2-3 collected
3		0	None	Dry	3-6	SAA	48B1_3-4 collected
4		0					48B2_4-5 collected
5		0					48B3_5-6 collected
6						End of Berm 6ft	48B2_5-6 collected
7							
8							
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NOTE: Soil descriptions based on a modified Burmister method of visual-manual identification as practiced by Haley & Aldrich, Inc.

SOIL BORING LOG

BORING NO. 48C

PROJECT	Former Port Mobil Terminal - Berm Sampling	**PROJECT #**	0213836-001-002-03
LOCATION	4101 Arthur Kill Road	**PROJECT MGR.**	S. Commisso
CLIENT	NP Staten Island Industrial, LLC	**FIELD REP.**	K. Oconnor
CONTRACTOR	ENTACT	**DATE STARTED**	10/6/2025
OPERATOR	Jeremy Leibbrand	**DATE FINISHED**	10/6/2025

Test Pit Location	Depth & Sampling		Equipment Make & Model	Surface Conditions	Drilling Notes
Berm 48, Grid 48C - East Face of Berm	Completion Depth (ft.)	6	Test Pit Method: CAT 314E Excavator	Top of Berm - Stone, Geotextile Fabric	Groundwater not encountered
	Number of Samples	7			

Depth (ft.)	Recovery (in/tot)	PID (ppm)	Odor	Moisture	Description Depth (ft)	Visual-Manual Identification & Description (Color, primary component NAME, secondary component, optional descriptions [SYMBOL])	Remarks (Sample Information, Depth of Casing, Other Tests, Fill Interval, etc.)
0		0	None	Dry	0-3	Dark brown fine to coarse SAND with pebbles and gravel [SM]	48C1_0-1 collected
1		0					48C2_1-2 collected
							48C3_1-2 collected
2		0					48C3_2-3 collected
3		0	None	Dry	3-6	SAA	48C1_3-4 collected
4		0					48C2_4-5 collected
5		0					48C3_5-6 collected
6						End of Berm 6ft	
7							
8							
9							
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NOTE: Soil descriptions based on a modified Burmister method of visual-manual identification as practiced by Haley & Aldrich, Inc.

SOIL BORING LOG

BORING NO. 48D

PROJECT	Former Port Mobil Terminal - Berm Sampling	**PROJECT #**	0213836-001-002-03
LOCATION	4101 Arthur Kill Road	**PROJECT MGR.**	S. Commisso
CLIENT	NP Staten Island Industrial, LLC	**FIELD REP.**	K. Oconnor
CONTRACTOR	ENTACT	**DATE STARTED**	10/6/2025
OPERATOR	Jeremy Leibbrand	**DATE FINISHED**	10/6/2025

Test Pit Location	Depth & Sampling		Equipment Make & Model	Surface Conditions	Drilling Notes
Berm 48, Grid 48D - South Face of Berm	Completion Depth (ft.)	6	Test Pit Method: CAT 314E Excavator	Top of Berm - Stone, Geotextile Fabric	Groundwater not encountered
	Number of Samples	7			

Depth (ft.)	Recovery (in/tot)	PID (ppm)	Odor	Moisture	Description Depth (ft)	Visual-Manual Identification & Description (Color, primary component NAME, secondary component, optional descriptions [SYMBOL])	Remarks (Sample Information, Depth of Casing, Other Tests, Fill Interval, etc.)
0							
		0	None	Dry	0-3	Dark brown fine to coarse SAND with pebbles and gravel [SM]	
1							
		0					48D1_1-2 collected
2							
		0					48D2_2-3 collected
							48D1_2-3 collected
3		0	None	Dry	3-6	SAA	48D3_3-4 collected
							48D1_4-5 collected
4		0					48D2_5-6 collected
							48D3_5-6 collected
5		0					
6						End of Berm 6ft	
7							
8							
9							
10							
11							
12							
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NOTE: Soil descriptions based on a modified Burmister method of visual-manual identification as practiced by Haley & Aldrich, Inc.

SOIL BORING LOG

BORING NO. 49A

Page 1 of

PROJECT	Former Port Mobil Terminal - Berm Sampling	**PROJECT #**	0213836-001-002-03
LOCATION	4101 Arthur Kill Road	**PROJECT MGR.**	S. Commisso
CLIENT	NP Staten Island Industrial, LLC	**FIELD REP.**	K. Oconnor
CONTRACTOR	ENTACT	**DATE STARTED**	10/7/2025
OPERATOR	Jeremy Leibbrand	**DATE FINISHED**	10/7/2025

Test Pit Location	Depth & Sampling		Equipment Make & Model	Surface Conditions	Drilling Notes
Berm 49, Grid 49A - West Face of Berm	Completion Depth (ft.)	10	Test Pit Method: CAT 314E Excavator	Top of Berm - Stone, Geotextile Fabric	Groundwater not encountered
	Number of Samples	7			

Depth (ft.)	Recovery (in/tot)	PID (ppm)	Odor	Moisture	Description Depth (ft)	Visual-Manual Identification & Description (Color, primary component NAME, secondary component, optional descriptions [SYMBOL])	Remarks (Sample Information, Depth of Casing, Other Tests, Fill Interval, etc.)
0		0	None	Dry	0-5	Light brown fine to coarse SAND, with pebbles and trace silt [SW]	49A1_0-1 collected
1		0					
2		0					49A2_2-3 collected
3		0					
4		0					49A3_4-5 collected
5		0	None	Moist	5-10	SAA	49A4_5-6 collected
6		0					
7		0					49A1_7-8 collected
8		0					49A2_8-9 collected
9		0					49A3_9-10 collected
10						End of Berm 10ft	
11							
12							
13							
14							
15							
16							
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18							
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23							
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NOTE: Soil descriptions based on a modified Burmister method of visual-manual identification as practiced by Haley & Aldrich, Inc.

SOIL BORING LOG

BORING NO. 49B

PROJECT	Former Port Mobil Terminal - Berm Sampling	**PROJECT #**	0213836-001-002-03
LOCATION	4101 Arthur Kill Road	**PROJECT MGR.**	S. Commisso
CLIENT	NP Staten Island Industrial, LLC	**FIELD REP.**	K. Oconnor
CONTRACTOR	ENTACT	**DATE STARTED**	10/7/2025
OPERATOR	Jeremy Leibbrand	**DATE FINISHED**	10/7/2025

Test Pit Location	Depth & Sampling		Equipment Make & Model	Surface Conditions	Drilling Notes
Berm 49, Grid 49B - North Face of Berm	Completion Depth (ft.)	10	Test Pit Method: CAT 314E Excavator	Top of Berm - Stone, Geotextile Fabric	Groundwater not encountered
	Number of Samples	7			

Depth (ft.)	Recovery (in/tot)	PID (ppm)	Odor	Moisture	Description Depth (ft)	Visual-Manual Identification & Description (Color, primary component NAME, secondary component, optional descriptions [SYMBOL])	Remarks (Sample Information, Depth of Casing, Other Tests, Fill Interval, etc.)
0		0	None	Moist	0-5	Light brown fine to coarse SAND with trace pebbles [SW]	
1		0					49B1_1-2 collected
2		0					49B2_2-3 collected
3		0					49B3_3-4 collected
4		0					
5		0	None	Moist	5-10	SAA	49B4_5-6 collected
6		0					
7		0					49B1_7-8 collected
8		0					49B2_8-9 collected
9		0					49B4_9-10 collected
10						End of Berm 10ft	
11							
12							
13							
14							
15							
16							
17							
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NOTE: Soil descriptions based on a modified Burmister method of visual-manual identification as practiced by Haley & Aldrich, Inc.

SOIL BORING LOG

BORING NO. 49C

PROJECT	Former Port Mobil Terminal - Berm Sampling	**PROJECT #**	0213836-001-002-03
LOCATION	4101 Arthur Kill Road	**PROJECT MGR.**	S. Commisso
CLIENT	NP Staten Island Industrial, LLC	**FIELD REP.**	K. Oconnor
CONTRACTOR	ENTACT	**DATE STARTED**	10/8/2025
OPERATOR	Jeremy Leibbrand	**DATE FINISHED**	10/8/2025

Test Pit Location	Depth & Sampling		Equipment Make & Model	Surface Conditions	Drilling Notes
Berm 49, Grid 49C - East Face of Berm	Completion Depth (ft.)	10	Test Pit Method: CAT 314E Excavator	Top of Berm - Stone, Geotextile Fabric	Groundwater not encountered
	Number of Samples	7			

Depth (ft.)	Recovery (in/tot)	PID (ppm)	Odor	Moisture	Description Depth (ft)	Visual-Manual Identification & Description (Color, primary component NAME, secondary component, optional descriptions [SYMBOL])	Remarks (Sample Information, Depth of Casing, Other Tests, Fill Interval, etc.)
0		0	None	Dry	0-5	Light brown fine to coarse SAND with trace pebbles [SW]	
1		0					49C1_1-2 collected
2		0					49C2_2-3 collected
3		0					49C3_3-4 collected
4		0					
5		0	None	Dry	5-10	SAA	49C1_5-6 collected
6		0					
7		0					49C2_7-8 collected
8		0					49C3_8-9 collected
9		0					49C1_9-10 collected
10						End of Berm 10ft	
11							
12							
13							
14							
15							
16							
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NOTE: Soil descriptions based on a modified Burmister method of visual-manual identification as practiced by Haley & Aldrich, Inc.

SOIL BORING LOG

BORING NO. 49D

PROJECT	Former Port Mobil Terminal - Berm Sampling	**PROJECT #**	0213836-001-002-03
LOCATION	4101 Arthur Kill Road	**PROJECT MGR.**	S. Commisso
CLIENT	NP Staten Island Industrial, LLC	**FIELD REP.**	K. Oconnor
CONTRACTOR	ENTACT	**DATE STARTED**	10/8/2025
OPERATOR	Jeremy Leibbrand	**DATE FINISHED**	10/8/2025

Test Pit Location	Depth & Sampling		Equipment Make & Model	Surface Conditions	Drilling Notes
Berm 49, Grid 49D - West Face of Berm	Completion Depth (ft.)	10	Test Pit Method: CAT 314E Excavator	Top of Berm - Stone, Geotextile Fabric	Groundwater not encountered
	Number of Samples	7			

Depth (ft.)	Recovery (in/tot)	PID (ppm)	Odor	Moisture	Description Depth (ft)	Visual-Manual Identification & Description (Color, primary component NAME, secondary component, optional descriptions [SYMBOL])	Remarks (Sample Information, Depth of Casing, Other Tests, Fill Interval, etc.)
0		0	None	Dry	0-5	Light brown fine to coarse SAND with trace pebbles [SW]	
1		0					49D1_1-2 collected
2		0					49D2_2-3 collected
3		0					49D3_3-4 collected
4		0					49D1_4-5 collected
5		0	None	Dry	5-10	SAA	49D2_5-6 collected
6		0					49D3_6-7 collected
7		0					49D1_7-8 collected
8		0					
9		0					
10						End of Berm 10ft	
11							
12							
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NOTE: Soil descriptions based on a modified Burmister method of visual-manual identification as practiced by Haley & Aldrich, Inc.

SOIL BORING LOG

BORING NO. 50A

PROJECT	Former Port Mobil Terminal - Berm Sampling	**PROJECT #**	0213836-001-002-03
LOCATION	4101 Arthur Kill Road	**PROJECT MGR.**	S. Commisso
CLIENT	NP Staten Island Industrial, LLC	**FIELD REP.**	O. Colon
CONTRACTOR	ENTACT	**DATE STARTED**	10/9/2025
OPERATOR	Jeremy Leibbrand	**DATE FINISHED**	10/9/2025

Test Pit Location	Depth & Sampling		Equipment Make & Model	Surface Conditions	Drilling Notes
Berm 50, Grid 50A - West Face of Berm	Completion Depth (ft.)	10	Test Pit Method: CAT 314E Excavator	Top of Berm - Stone, Geotextile Fabric	Groundwater not encountered
	Number of Samples	7			

Depth (ft.)	Recovery (in/tot)	PID (ppm)	Odor	Moisture	Description Depth (ft)	Visual-Manual Identification & Description (Color, primary component NAME, secondary component, optional descriptions [SYMBOL])	Remarks (Sample Information, Depth of Casing, Other Tests, Fill Interval, etc.)
0		0	None	Damp	0-5	Light brown fine to coarse SAND, some silt, trace gravel [SW]	
1		0					50A1_1-2 collected
2		0					50A2_2-3 collected
3		0					50A3_3-4 collected
4		0					
5		0	None	Damp	5-10	SAA	50A4_5-6 collected
6		0					
7		0					50A2_7-8 collected
8		0					50A1_8-9 collected
9		0					50A4_9-10 collected
10						End of Berm 10ft	
11							
12							
13							
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NOTE: Soil descriptions based on a modified Burmister method of visual-manual identification as practiced by Haley & Aldrich, Inc.

SOIL BORING LOG

BORING NO. 50B

PROJECT	Former Port Mobil Terminal - Berm Sampling	**PROJECT #**	0213836-001-002-03
LOCATION	4101 Arthur Kill Road	**PROJECT MGR.**	S. Commisso
CLIENT	NP Staten Island Industrial, LLC	**FIELD REP.**	O. Colon
CONTRACTOR	ENTACT	**DATE STARTED**	10/9/2025
OPERATOR	Jeremy Leibbrand	**DATE FINISHED**	10/9/2025

Test Pit Location	Depth & Sampling		Equipment Make & Model	Surface Conditions	Drilling Notes
Berm 50, Grid 50B - North Face of Berm	Completion Depth (ft.)	8	Test Pit Method: CAT 314E Excavator	Top of Berm - Stone, Geotextile Fabric	Groundwater not encountered
	Number of Samples	7			

Depth (ft.)	Recovery (in/tot)	PID (ppm)	Odor	Moisture	Description Depth (ft)	Visual-Manual Identification & Description (Color, primary component NAME, secondary component, optional descriptions [SYMBOL])	Remarks (Sample Information, Depth of Casing, Other Tests, Fill Interval, etc.)
0		0	None	Damp	0-4	Light brown fine to coarse SAND, some silt, trace gravel [SW]	
1		0					50B1_1-2 collected
2		0					50B3_2-3 collected
3		0					50B2_3-4 collected
4		0	None	Damp	4-8	SAA	50B1_4-5 collected
5		0					50B2_5-6 collected
6		0					50B1_6-7 collected
7		0					50B3_7-8 collected
8						End of Berm 8ft	
9							
10							
11							
12							
13							
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NOTE: Soil descriptions based on a modified Burmister method of visual-manual identification as practiced by Haley & Aldrich, Inc.

SOIL BORING LOG

BORING NO. 50C

PROJECT	Former Port Mobil Terminal - Berm Sampling	**PROJECT #**	0213836-001-002-03
LOCATION	4101 Arthur Kill Road	**PROJECT MGR.**	S. Commisso
CLIENT	NP Staten Island Industrial, LLC	**FIELD REP.**	O. Colon
CONTRACTOR	ENTACT	**DATE STARTED**	10/9/2025
OPERATOR	Jeremy Leibbrand	**DATE FINISHED**	10/9/2025

Test Pit Location	Depth & Sampling		Equipment Make & Model	Surface Conditions	Drilling Notes
Berm 50, Grid 50C - East Face of Berm	Completion Depth (ft.)	8	Test Pit Method: CAT 314E Excavator	Top of Berm - Stone, Geotextile Fabric	Groundwater not encountered
	Number of Samples	7			

Depth (ft.)	Recovery (in/tot)	PID (ppm)	Odor	Moisture	Description Depth (ft)	Visual-Manual Identification & Description (Color, primary component NAME, secondary component, optional descriptions [SYMBOL])	Remarks (Sample Information, Depth of Casing, Other Tests, Fill Interval, etc.)
0		0	None	Damp	0-4	Light brown fine to coarse SAND, some silt, trace gravel [SW]	
1		0					50C1_1-2 collected
2		0					50C2_2-3 collected
3		0					50C3_4-5 collected
4		0	None	Damp	4-8	SAA	
5		0					50C1_5-6 collected
6		0					50C3_5-6 collected 50C2_6-7 collected
7		0					50C2_7-8 collected
8						End of Berm 8ft	
9							
10							
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NOTE: Soil descriptions based on a modified Burmister method of visual-manual identification as practiced by Haley & Aldrich, Inc.

SOIL BORING LOG

BORING NO. 50D

PROJECT	Former Port Mobil Terminal - Berm Sampling	**PROJECT #**	0213836-001-002-03
LOCATION	4101 Arthur Kill Road	**PROJECT MGR.**	S. Commisso
CLIENT	NP Staten Island Industrial, LLC	**FIELD REP.**	O. Colon
CONTRACTOR	ENTACT	**DATE STARTED**	10/9/2025
OPERATOR	Jeremy Leibbrand	**DATE FINISHED**	10/9/2025

Test Pit Location	Depth & Sampling		Equipment Make & Model	Surface Conditions	Drilling Notes
Berm 50, Grid 50D - South Face of Berm	Completion Depth (ft.)	10	Test Pit Method: CAT 314E Excavator	Top of Berm - Stone, Geotextile Fabric	Groundwater not encountered
	Number of Samples	7			

Depth (ft.)	Recovery (in/tot)	PID (ppm)	Odor	Moisture	Description Depth (ft)	Visual-Manual Identification & Description (Color, primary component NAME, secondary component, optional descriptions [SYMBOL])	Remarks (Sample Information, Depth of Casing, Other Tests, Fill Interval, etc.)
0		0	None	Damp	0-5	Light brown fine to coarse SAND with silt, trace gravel [SW]	
1		0					50D2_1-2 collected
2		0					
3		0					50D1_3-4 collected
4		0					50D3_4-5 collected
5		0	None	Damp	5-10	SAA	50D1_5-6 collected
6		0					50D4_6-7 collected
7		0					
8		0					50D2_8-9 collected
9		0					50D3_9-10 collected
10						End of Berm 10ft	
11							
12							
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NOTE: Soil descriptions based on a modified Burmister method of visual-manual identification as practiced by Haley & Aldrich, Inc.

SOIL BORING LOG

BORING NO. 51A

PROJECT	Former Port Mobil Terminal - Berm Sampling	**PROJECT #**	0213836-001-002-03
LOCATION	4101 Arthur Kill Road	**PROJECT MGR.**	S. Commisso
CLIENT	NP Staten Island Industrial, LLC	**FIELD REP.**	O. Colon
CONTRACTOR	ENTACT	**DATE STARTED**	10/10/2025
OPERATOR	Jeremy Leibbrand	**DATE FINISHED**	10/10/2025

Test Pit Location	Depth & Sampling		Equipment Make & Model	Surface Conditions	Drilling Notes
Berm 51, Grid 51A - West Face of Berm	Completion Depth (ft.)	8	Test Pit Method: CAT 314E Excavator	Top of Berm - Stone, Geotextile Fabric	Groundwater not encountered
	Number of Samples	7			

Depth (ft.)	Recovery (in/tot)	PID (ppm)	Odor	Moisture	Description Depth (ft)	Visual-Manual Identification & Description (Color, primary component NAME, secondary component, optional descriptions [SYMBOL])	Remarks (Sample Information, Depth of Casing, Other Tests, Fill Interval, etc.)
0		0	None	Dry	0-4	Light brown fine to coarse SAND, some silt, pebbles and gravel [SW]	
1		0					51A2_1-2 collected
2		0					51A3_2-3 collected
3		0					51A1_3-4 collected
4		0	None	Dry	4-8	SAA	51A2_3-4 collected 51A4_4-5 collected
5		0					51A5_5-6 collected
6		0					51A1_6-7 collected
7		0					
8						End of Berm 8ft	
9							
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NOTE: Soil descriptions based on a modified Burmister method of visual-manual identification as practiced by Haley & Aldrich, Inc.

SOIL BORING LOG

BORING NO. 51B

PROJECT	Former Port Mobil Terminal - Berm Sampling	**PROJECT #**	0213836-001-002-03
LOCATION	4101 Arthur Kill Road	**PROJECT MGR.**	S. Commisso
CLIENT	NP Staten Island Industrial, LLC	**FIELD REP.**	O. Colon
CONTRACTOR	ENTACT	**DATE STARTED**	10/10/2025
OPERATOR	Jeremy Leibbrand	**DATE FINISHED**	10/10/2025

Test Pit Location	Depth & Sampling		Equipment Make & Model	Surface Conditions	Drilling Notes
Berm 51, Grid 51B - East Face of Berm	Completion Depth (ft.)	8	Test Pit Method: CAT 314E Excavator	Top of Berm - Stone, Geotextile Fabric	Groundwater not encountered
	Number of Samples	7			

Depth (ft.)	Recovery (in/tot)	PID (ppm)	Odor	Moisture	Description Depth (ft)	Visual-Manual Identification & Description (Color, primary component NAME, secondary component, optional descriptions [SYMBOL])	Remarks (Sample Information, Depth of Casing, Other Tests, Fill Interval, etc.)
0		0	None	Moist	0-4	Light brown fine to coarse SAND, some silt, pebbles and gravel [SW]	
1		0					51B1_1-2 collected
2		0					51B2_2-3 collected
3		0					51B3_4-5 collected
4		0	None	Dry	4-8	SAA	
5		0					51B4_5-6 collected
6		0					51B1_5-6 collected 51B3_6-7 collected
7		0					51B5_7-8 collected
8						End of Berm 8ft	
9							
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NOTE: Soil descriptions based on a modified Burmister method of visual-manual identification as practiced by Haley & Aldrich, Inc.

SOIL BORING LOG

BORING NO. 52A

PROJECT	Former Port Mobil Terminal - Berm Sampling	**PROJECT #**	0213836-001-002-03
LOCATION	4101 Arthur Kill Road	**PROJECT MGR.**	S. Commisso
CLIENT	NP Staten Island Industrial, LLC	**FIELD REP.**	O. Colon
CONTRACTOR	ENTACT	**DATE STARTED**	10/10/2025
OPERATOR	Jeremy Leibbrand	**DATE FINISHED**	10/10/2025

Test Pit Location	Depth & Sampling		Equipment Make & Model	Surface Conditions	Drilling Notes
Berm 52, Grid 52A - Southwest Face of Berm	Completion Depth (ft.)	8	Test Pit Method: CAT 314E Excavator	Top of Berm - Stone, Geotextile Fabric	Groundwater not encountered
	Number of Samples	7			

Depth (ft.)	Recovery (in/tot)	PID (ppm)	Odor	Moisture	Description Depth (ft)	Visual-Manual Identification & Description (Color, primary component NAME, secondary component, optional descriptions [SYMBOL])	Remarks (Sample Information, Depth of Casing, Other Tests, Fill Interval, etc.)
0		0	None	Dry	0-4	Light brown fine to coarse SAND with silt and pebbles [SW]	
1		0					52A1_1-2 collected
2		0					52A3_2-3 collected
3		0					52A2_3-4 collected
4		0	None	Dry	4-8	SAA	51A1_4-5 collected
5		0					52A2_5-6 collected
6		0					52A3_6-7 collected
7		0					52A1_7-8 collected
8						End of Berm 8ft	
9							
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NOTE: Soil descriptions based on a modified Burmister method of visual-manual identification as practiced by Haley & Aldrich, Inc.

SOIL BORING LOG

BORING NO. 52B

PROJECT	Former Port Mobil Terminal - Berm Sampling	**PROJECT #**	0213836-001-002-03
LOCATION	4101 Arthur Kill Road	**PROJECT MGR.**	S. Commisso
CLIENT	NP Staten Island Industrial, LLC	**FIELD REP.**	O. Colon
CONTRACTOR	ENTACT	**DATE STARTED**	10/10/2025
OPERATOR	Jeremy Leibbrand	**DATE FINISHED**	10/10/2025

Test Pit Location	Depth & Sampling		Equipment Make & Model	Surface Conditions	Drilling Notes
Berm 52, Grid 52B - Northwest Face of Berm	Completion Depth (ft.)	8	Test Pit Method: CAT 314E Excavator	Top of Berm - Stone, Geotextile Fabric	Groundwater not encountered
	Number of Samples	7			

Depth (ft.)	Recovery (in/tot)	PID (ppm)	Odor	Moisture	Description Depth (ft)	Visual-Manual Identification & Description (Color, primary component NAME, secondary component, optional descriptions [SYMBOL])	Remarks (Sample Information, Depth of Casing, Other Tests, Fill Interval, etc.)
0		0	None	Moist	0-4	Light brown fine to coarse SAND with silt and pebbles [SW]	
1		0					52B1_1-2 collected
2		0					52B2_2-3 collected
3		0					52B3_3-4 collected
4		0	None	Dry	4-8	SAA	52B3_4-5 collected
5		0					52B2_4-5 collected 52B1_5-6 collected
6		0					
7		0					52B2_7-8 collected
8		0				End of Berm 8ft	
9		0					
10							
11							
12							
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NOTE: Soil descriptions based on a modified Burmister method of visual-manual identification as practiced by Haley & Aldrich, Inc.

SOIL BORING LOG

BORING NO. 52C

PROJECT	Former Port Mobil Terminal - Berm Sampling	**PROJECT #**	0213836-001-002-03
LOCATION	4101 Arthur Kill Road	**PROJECT MGR.**	S. Commisso
CLIENT	NP Staten Island Industrial, LLC	**FIELD REP.**	O. Colon
CONTRACTOR	ENTACT	**DATE STARTED**	10/10/2025
OPERATOR	Jeremy Leibbrand	**DATE FINISHED**	10/10/2025

Test Pit Location	Depth & Sampling		Equipment Make & Model	Surface Conditions	Drilling Notes
Berm 52, Grid 52C - North Face of Berm	Completion Depth (ft.)	8	Test Pit Method: CAT 314E Excavator	Top of Berm - Stone, Geotextile Fabric	Groundwater not encountered
	Number of Samples	7			

Depth (ft.)	Recovery (in/tot)	PID (ppm)	Odor	Moisture	Description Depth (ft)	Visual-Manual Identification & Description (Color, primary component NAME, secondary component, optional descriptions [SYMBOL])	Remarks (Sample Information, Depth of Casing, Other Tests, Fill Interval, etc.)
0		0	None	Dry	0-4	Light brown fine to coarse SAND with silt and pebbles [SW]	
1		0					52C2_1-2 collected
2		0					52C1_2-3 collected
							52C3_2-3 collected
3		0					
4		0	None	Dry	4-8	SAA	52C3_4-5 collected
5		0					52C2_5-6 collected
6		0					52C1_6-7 collected
7		0					52C2_7-8 collected
8						End of Berm 8ft	
9							
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NOTE: Soil descriptions based on a modified Burmister method of visual-manual identification as practiced by Haley & Aldrich, Inc.

SOIL BORING LOG

BORING NO. 52D

PROJECT	Former Port Mobil Terminal - Berm Sampling	**PROJECT #**	0213836-001-002-03
LOCATION	4101 Arthur Kill Road	**PROJECT MGR.**	S. Commisso
CLIENT	NP Staten Island Industrial, LLC	**FIELD REP.**	O. Colon
CONTRACTOR	ENTACT	**DATE STARTED**	10/10/2025
OPERATOR	Jeremy Leibbrand	**DATE FINISHED**	10/10/2025

Test Pit Location	Depth & Sampling		Equipment Make & Model	Surface Conditions	Drilling Notes
Berm 52, Grid 52D - East Face of Berm	Completion Depth (ft.)	8	Test Pit Method: CAT 314E Excavator	Top of Berm - Stone, Geotextile Fabric	Groundwater not encountered
	Number of Samples	7			

Depth (ft.)	Recovery (in/tot)	PID (ppm)	Odor	Moisture	Description Depth (ft)	Visual-Manual Identification & Description (Color, primary component NAME, secondary component, optional descriptions [SYMBOL])	Remarks (Sample Information, Depth of Casing, Other Tests, Fill Interval, etc.)
0		0	None	Dry	0-4	Light brown fine to coarse SAND with silt and pebbles [SW]	
1		0					52D2_1-2 collected
2		0					52D1_2-3 collected
3		0					51D1_3-4 collected
4		0	None	Dry	4-8	SAA	52D3_4-5 collected
5		0					52D3_5-6 collected
6		0					52D1_5-6 collected
7		0					52D2_7-8 collected
8						End of Berm 8ft	
9							
10							
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NOTE: Soil descriptions based on a modified Burmister method of visual-manual identification as practiced by Haley & Aldrich, Inc.

SOIL BORING LOG

BORING NO. 52E

PROJECT	Former Port Mobil Terminal - Berm Sampling	**PROJECT #**	0213836-001-002-03
LOCATION	4101 Arthur Kill Road	**PROJECT MGR.**	S. Commisso
CLIENT	NP Staten Island Industrial, LLC	**FIELD REP.**	O. Colon
CONTRACTOR	ENTACT	**DATE STARTED**	10/10/2025
OPERATOR	Jeremy Leibbrand	**DATE FINISHED**	10/10/2025

Test Pit Location	Depth & Sampling		Equipment Make & Model	Surface Conditions	Drilling Notes
Berm 52, Grid 52E - Southeast Face of Berm	Completion Depth (ft.)	8	Test Pit Method: CAT 314E Excavator	Top of Berm - Stone, Geotextile Fabric	Groundwater not encountered
	Number of Samples	7			

Depth (ft.)	Recovery (in/tot)	PID (ppm)	Odor	Moisture	Description Depth (ft)	Visual-Manual Identification & Description (Color, primary component NAME, secondary component, optional descriptions [SYMBOL])	Remarks (Sample Information, Depth of Casing, Other Tests, Fill Interval, etc.)
0		0	None	Dry	0-4	Light brown fine to coarse SAND with silt and pebbles [SW]	
1		0					52E3_1-2 collected
2		0					52E1_2-3 collected
3		0					52E2_3-4 collected
4		0	None	Dry	4-8	SAA	52E1_4-5 collected
5		0					52E2_5-6 collected
6		0					52E3_6-7 collected
7		0					52E2_7-8 collected
8						End of Berm 8ft	
9							
10							
11							
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NOTE: Soil descriptions based on a modified Burmister method of visual-manual identification as practiced by Haley & Aldrich, Inc.

SOIL BORING LOG

BORING NO. 53A

PROJECT	Former Port Mobil Terminal - Berm Sampling	**PROJECT #**	0213836-001-002-03
LOCATION	4101 Arthur Kill Road	**PROJECT MGR.**	S. Commisso
CLIENT	NP Staten Island Industrial, LLC	**FIELD REP.**	K. Oconnor
CONTRACTOR	ENTACT	**DATE STARTED**	9/25/2025
OPERATOR	Jeremy Leibbrand	**DATE FINISHED**	9/25/2025

Test Pit Location	Depth & Sampling		Equipment Make & Model	Surface Conditions	Drilling Notes
Berm 53, Grid 53A - West Face of Berm	Completion Depth (ft.)	10	Test Pit Method: CAT 314E Excavator	Top of Berm - Stone, Geotextile Fabric	Groundwater not encountered
	Number of Samples	7			

Depth (ft.)	Recovery (in/tot)	PID (ppm)	Odor	Moisture	Description Depth (ft)	Visual-Manual Identification & Description (Color, primary component NAME, secondary component, optional descriptions [SYMBOL])	Remarks (Sample Information, Depth of Casing, Other Tests, Fill Interval, etc.)
0		0	None	Dry	0-5	Light brown fine to coarse SAND, and silt, trace gravel and pebbles [SW]	53A3_0-1 collected
1		0					
2		0					53A1_2-3 collected
3		0					
4		0					53A1_4-5 collected
5			None	Dry	5-10	SAA	
		0					53A2_5-6 collected
6		0					
7		0					53A1_7-8 colelcted
8		0					53A1_8-9 collected
9		0					53A2_9-10 collected
10						End of Berm 10ft	
11							
12							
13							
14							
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NOTE: Soil descriptions based on a modified Burmister method of visual-manual identification as practiced by Haley & Aldrich, Inc.

SOIL BORING LOG

BORING NO. 53B

PROJECT	Former Port Mobil Terminal - Berm Sampling	**PROJECT #**	0213836-001-002-03
LOCATION	4101 Arthur Kill Road	**PROJECT MGR.**	S. Commisso
CLIENT	NP Staten Island Industrial, LLC	**FIELD REP.**	K. OConnor
CONTRACTOR	ENTACT	**DATE STARTED**	9/25/2025
OPERATOR	Jeremy Leibbrand	**DATE FINISHED**	9/25/2025

Test Pit Location	Depth & Sampling		Equipment Make & Model	Surface Conditions	Drilling Notes
Berm 53, Grid 53B - North Face of Berm	Completion Depth (ft.)	10	Test Pit Method: CAT 314E Excavator	Top of Berm - Stone, Geotextile Fabric	Groundwater not encountered
	Number of Samples	7			

Depth (ft.)	Recovery (in/tot)	PID (ppm)	Odor	Moisture	Description Depth (ft)	Visual-Manual Identification & Description (Color, primary component NAME, secondary component, optional descriptions [SYMBOL])	Remarks (Sample Information, Depth of Casing, Other Tests, Fill Interval, etc.)
0		0	None	Dry	0-5	Light brown fine to coarse SAND, and silt, trace gravel and pebbles [SW]	
1		0					53B3_1-2 collected
2		0					53B1_2-3 collected
3		0					
4		0					53B2_4-5 collected
5			None	Dry	5-10	SAA	
		0					53B1_5-6 collected
6		0					53B2_6-7 collected
7		0					53B1_7-8 collected
8		0					
9		0					53B3_9-10 collected
10						End of Berm 10ft	
11							
12							
13							
14							
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16							
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NOTE: Soil descriptions based on a modified Burmister method of visual-manual identification as practiced by Haley & Aldrich, Inc.

SOIL BORING LOG

BORING NO. 53C

PROJECT	Former Port Mobil Terminal - Berm Sampling	**PROJECT #**	0213836-001-002-03
LOCATION	4101 Arthur Kill Road	**PROJECT MGR.**	S. Commisso
CLIENT	NP Staten Island Industrial, LLC	**FIELD REP.**	K. OConnor
CONTRACTOR	ENTACT	**DATE STARTED**	9/25/2025
OPERATOR	Jeremy Leibbrand	**DATE FINISHED**	9/25/2025

Test Pit Location	Depth & Sampling		Equipment Make & Model	Surface Conditions	Drilling Notes
Berm 53, Grid 53C - East Face of Berm	Completion Depth (ft.)	10	Test Pit Method: CAT 314E Excavator	Top of Berm - Stone, Geotextile Fabric	Groundwater not encountered
	Number of Samples	7			

Depth (ft.)	Recovery (in/tot)	PID (ppm)	Odor	Moisture	Description Depth (ft)	Visual-Manual Identification & Description (Color, primary component NAME, secondary component, optional descriptions [SYMBOL])	Remarks (Sample Information, Depth of Casing, Other Tests, Fill Interval, etc.)
0		0	None	Dry	0-5	Light brown fine to coarse SAND, and silt, trace gravel and pebbles [SW]	
1		0					53C1_1-2 collected
2		0					53C3_2-3 collected
3		0					
4		0					53C2_4-5 colelcted
5			None	Dry	5-10	SAA	
		0					53C2_5-6 collected
6		0					
7		0					53C1_7-8 collected
8		0					53C3_8-9 collected
9		0					53C1_9-10 collected
10						End of Berm 10ft	
11							
12							
13							
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NOTE: Soil descriptions based on a modified Burmister method of visual-manual identification as practiced by Haley & Aldrich, Inc.

SOIL BORING LOG

BORING NO. 53D

PROJECT	Former Port Mobil Terminal - Berm Sampling	**PROJECT #**	0213836-001-002-03
LOCATION	4101 Arthur Kill Road	**PROJECT MGR.**	S. Commisso
CLIENT	NP Staten Island Industrial, LLC	**FIELD REP.**	K. OConnor
CONTRACTOR	ENTACT	**DATE STARTED**	9/25/2025
OPERATOR	Jeremy Leibbrand	**DATE FINISHED**	9/25/2025

Test Pit Location	Depth & Sampling		Equipment Make & Model	Surface Conditions	Drilling Notes
Berm 53, Grid 53D - South Face of Berm	Completion Depth (ft.)	10	Test Pit Method: CAT 314E Excavator	Top of Berm - Stone, Geotextile Fabric	Groundwater not encountered
	Number of Samples	7			

Depth (ft.)	Recovery (in/tot)	PID (ppm)	Odor	Moisture	Description Depth (ft)	Visual-Manual Identification & Description (Color, primary component NAME, secondary component, optional descriptions [SYMBOL])	Remarks (Sample Information, Depth of Casing, Other Tests, Fill Interval, etc.)
0		0	None	Dry	0-5	Light brown fine to coarse SAND, and silt, trace gravel and pebbles [SW]	53D1_0-1 collected
1		0					
2		0					53D3_2-3 collected
3		0					53D2_3-4 collected
4		0					53D2_4-5 collected
5			None	Dry	5-10	SAA	
		0					53D1_5-6 collected
6		0					53D1_6-7 collected
7		0					53D3_7-8 collected
8		0					
9		0					
10						End of Berm 10ft	
11							
12							
13							
14							
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16							
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NOTE: Soil descriptions based on a modified Burmister method of visual-manual identification as practiced by Haley & Aldrich, Inc.

SOIL BORING LOG

BORING NO. 54A

PROJECT	Former Port Mobil Terminal - Berm Sampling	**PROJECT #**	0213836-001-002-03
LOCATION	4101 Arthur Kill Road	**PROJECT MGR.**	S. Commisso
CLIENT	NP Staten Island Industrial, LLC	**FIELD REP.**	K. Oconnor
CONTRACTOR	ENTACT	**DATE STARTED**	9/25/2025
OPERATOR	Jeremy Leibbrand	**DATE FINISHED**	9/25/2025

Test Pit Location	Depth & Sampling		Equipment Make & Model	Surface Conditions	Drilling Notes
Berm 53, Grid 54A - North Face of Berm	Completion Depth (ft.)	8	Test Pit Method: CAT 314E Excavator	Top of Berm - Stone, Geotextile Fabric	Groundwater not encountered
	Number of Samples	7			

Depth (ft.)	Recovery (in/tot)	PID (ppm)	Odor	Moisture	Description Depth (ft)	Visual-Manual Identification & Description (Color, primary component NAME, secondary component, optional descriptions [SYMBOL])	Remarks (Sample Information, Depth of Casing, Other Tests, Fill Interval, etc.)
0							
		0	None	Dry	0-4	Reddish brown fine to coarse SAND with silt, trace gravel and pebbles, [SW]	54A1_0-1 collected
1		0					54A2_1-2 collected
2		0					54A3_2-3 collected
3		0					
			None	Dry	4-8	SAA	
4		0					54A1_4-5 collected
5		0					54A3_5-6 collected
6		0					54A2_6-7 collected
7		0					54A1_7-8 collected
8		0				End of Berm 8ft	
9		0					
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NOTE: Soil descriptions based on a modified Burmister method of visual-manual identification as practiced by Haley & Aldrich, Inc.

SOIL BORING LOG

BORING NO. 54B

PROJECT	Former Port Mobil Terminal - Berm Sampling	**PROJECT #**	0213836-001-002-03
LOCATION	4101 Arthur Kill Road	**PROJECT MGR.**	S. Commisso
CLIENT	NP Staten Island Industrial, LLC	**FIELD REP.**	K. OConnor
CONTRACTOR	ENTACT	**DATE STARTED**	9/25/2025
OPERATOR	Jeremy Leibbrand	**DATE FINISHED**	9/25/2025

Test Pit Location	Depth & Sampling		Equipment Make & Model	Surface Conditions	Drilling Notes
Berm 53, Grid 54B - North Face of Berm	Completion Depth (ft.)	8	Test Pit Method: CAT 314E Excavator	Top of Berm - Stone, Geotextile Fabric	Groundwater not encountered
	Number of Samples	7			

Depth (ft.)	Recovery (in/tot)	PID (ppm)	Odor	Moisture	Description Depth (ft)	Visual-Manual Identification & Description (Color, primary component NAME, secondary component, optional descriptions [SYMBOL])	Remarks (Sample Information, Depth of Casing, Other Tests, Fill Interval, etc.)
0							
		0	None	Dry	0-4	Reddish brown fine to coarse SAND with silt, trace gravel and pebbles, [SW]	54B1_0-1 collected
1		0					
2		0					54B1_2-3 collected
3		0					54B2_3-4 collected
4			None	Dry	4-8	SAA	
		0					54B2_4-5 collected
5		0					54B3_5-6 collected
6		0					54B3_6-7 collected
7		0					54B2_7-8 collected
8		0				End of Berm 8ft	
9		0					
10							
11							
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NOTE: Soil descriptions based on a modified Burmister method of visual-manual identification as practiced by Haley & Aldrich, Inc.

SOIL BORING LOG

BORING NO. 54C

PROJECT	Former Port Mobil Terminal - Berm Sampling	**PROJECT #**	0213836-001-002-03
LOCATION	4101 Arthur Kill Road	**PROJECT MGR.**	S. Commisso
CLIENT	NP Staten Island Industrial, LLC	**FIELD REP.**	K. OConnor
CONTRACTOR	ENTACT	**DATE STARTED**	9/25/2025
OPERATOR	Jeremy Leibbrand	**DATE FINISHED**	9/25/2025

Test Pit Location	Depth & Sampling		Equipment Make & Model	Surface Conditions	Drilling Notes
Berm 54, Grid 54C - East Face of Berm	Completion Depth (ft.)	8	Test Pit Method: CAT 314E Excavator	Top of Berm - Stone, Geotextile Fabric	Groundwater not encountered
	Number of Samples	7			

Depth (ft.)	Recovery (in/tot)	PID (ppm)	Odor	Moisture	Description Depth (ft)	Visual-Manual Identification & Description (Color, primary component NAME, secondary component, optional descriptions [SYMBOL])	Remarks (Sample Information, Depth of Casing, Other Tests, Fill Interval, etc.)
0							
		0	None	Dry	0-4	Reddish brown fine to coarse SAND with silt, trace gravel and pebbles, [SW]	
1		0					54C3_1-2 collected
2		0					54C3_2-3 collected
3		0					54C1_3-4 collected
4			None	Dry	4-8	SAA	
		0					54C1_4-5 collected
5		0					54C3_5-6 collected
6		0					54C2_6-7 collected
7		0					54C3_7-8 collected
8		0				End of Berm 8ft	
9		0					
10							
11							
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NOTE: Soil descriptions based on a modified Burmister method of visual-manual identification as practiced by Haley & Aldrich, Inc.

SOIL BORING LOG

BORING NO. 54D

PROJECT	Former Port Mobil Terminal - Berm Sampling	**PROJECT #**	0213836-001-002-03
LOCATION	4101 Arthur Kill Road	**PROJECT MGR.**	S. Commisso
CLIENT	NP Staten Island Industrial, LLC	**FIELD REP.**	K. OConnor
CONTRACTOR	ENTACT	**DATE STARTED**	9/25/2025
OPERATOR	Jeremy Leibbrand	**DATE FINISHED**	9/25/2025

Test Pit Location	Depth & Sampling		Equipment Make & Model	Surface Conditions	Drilling Notes
Berm 54, Grid 54D - South Face of Berm	Completion Depth (ft.)	8	Test Pit Method: CAT 314E Excavator	Top of Berm - Stone, Geotextile Fabric	Groundwater not encountered
	Number of Samples	7			

Depth (ft.)	Recovery (in/tot)	PID (ppm)	Odor	Moisture	Description Depth (ft)	Visual-Manual Identification & Description (Color, primary component NAME, secondary component, optional descriptions [SYMBOL])	Remarks (Sample Information, Depth of Casing, Other Tests, Fill Interval, etc.)
0							
		0	None	Dry	0-4	Reddish brown fine to coarse SAND with silt, trace gravel and pebbles, [SW]	53D1_0-1 collected
1		0					
2		0					53D3_2-3 collected
3		0					53D2_3-4 collected
4			None	Dry	4-8	SAA	
		0					53D2_4-5 collected
5		0					53D1_5-6 collected
6		0					53D1_6-7 collected
7		0					53D3_7-8 collected
8		0				End of Berm 8ft	
9		0					
10							
11							
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NOTE: Soil descriptions based on a modified Burmister method of visual-manual identification as practiced by Haley & Aldrich, Inc.

SOIL BORING LOG

BORING NO. 55A

PROJECT	Former Port Mobil Terminal - Berm Sampling	**PROJECT #**	0213836-001-002-03
LOCATION	4101 Arthur Kill Road	**PROJECT MGR.**	S. Commisso
CLIENT	NP Staten Island Industrial, LLC	**FIELD REP.**	K. Oconnor
CONTRACTOR	ENTACT	**DATE STARTED**	9/30/2025
OPERATOR	Jeremy Leibbrand	**DATE FINISHED**	9/30/2025

Test Pit Location	Depth & Sampling		Equipment Make & Model	Surface Conditions	Drilling Notes
Berm 55, Grid 55A - Northeast Face of Berm	Completion Depth (ft.)	6	Test Pit Method: CAT 314E Excavator	Top of Berm - Stone, Geotextile Fabric	Groundwater not encountered
	Number of Samples	7			

Depth (ft.)	Recovery (in/tot)	PID (ppm)	Odor	Moisture	Description Depth (ft)	Visual-Manual Identification & Description (Color, primary component NAME, secondary component, optional descriptions [SYMBOL])	Remarks (Sample Information, Depth of Casing, Other Tests, Fill Interval, etc.)
0		0	None	Damp	0-3	Light brown fine to course SAND, with silt, trace gravel and pebbles [SM]	55A1_0-1 collected
1		0					55A2_1-2 collected
2		0					55A3_2-3 collected
3		0	None	Damp	3-6	SAA	55A1_3-4 collected
4		0					55A2_4-5 collected
5		0					55A3_4-5 collected 55A3_5-6 collected
6						End of Berm 6ft	
7							
8							
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NOTE: Soil descriptions based on a modified Burmister method of visual-manual identification as practiced by Haley & Aldrich, Inc.

SOIL BORING LOG

BORING NO. 55B

PROJECT	Former Port Mobil Terminal - Berm Sampling	**PROJECT #**	0213836-001-002-03
LOCATION	4101 Arthur Kill Road	**PROJECT MGR.**	S. Commisso
CLIENT	NP Staten Island Industrial, LLC	**FIELD REP.**	K. Oconnor
CONTRACTOR	ENTACT	**DATE STARTED**	9/30/2025
OPERATOR	Jeremy Leibbrand	**DATE FINISHED**	9/30/2025

Test Pit Location	Depth & Sampling		Equipment Make & Model	Surface Conditions	Drilling Notes
Berm 55, Grid 55B - Northwest Face of Berm	Completion Depth (ft.)	6	Test Pit Method: CAT 314E Excavator	Top of Berm - Stone, Geotextile Fabric	Groundwater not encountered
	Number of Samples	7			

Depth (ft.)	Recovery (in/tot)	PID (ppm)	Odor	Moisture	Description Depth (ft)	Visual-Manual Identification & Description (Color, primary component NAME, secondary component, optional descriptions [SYMBOL])	Remarks (Sample Information, Depth of Casing, Other Tests, Fill Interval, etc.)
0							
		0	None	Dry	0-3	Light brown fine to course SAND, with silt, trace gravel and pebbles	
1						[SM]	55B1_1-2 collected
		0					
2							
		0					55B2_2-3 collected
3							
		0	None	Dry	3-6	SAA	55B3_3-4 collected
4							55B1_3-4 collected
		0.5					55B2_4-5 collected
5							55B3_4-5 collected
		0.5					55B1_5-6 collected
6						End of Berm 6ft	
7							
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NOTE: Soil descriptions based on a modified Burmister method of visual-manual identification as practiced by Haley & Aldrich, Inc.

SOIL BORING LOG

BORING NO. 55C

PROJECT	Former Port Mobil Terminal - Berm Sampling	**PROJECT #**	0213836-001-002-03
LOCATION	4101 Arthur Kill Road	**PROJECT MGR.**	S. Commisso
CLIENT	NP Staten Island Industrial, LLC	**FIELD REP.**	K. Oconnor
CONTRACTOR	ENTACT	**DATE STARTED**	9/30/2025
OPERATOR	Jeremy Leibbrand	**DATE FINISHED**	9/30/2025

Test Pit Location	Depth & Sampling		Equipment Make & Model	Surface Conditions	Drilling Notes
Berm 55, Grid 55C - South Face of Berm	Completion Depth (ft.)	6	Test Pit Method: CAT 314E Excavator	Top of Berm - Stone, Geotextile Fabric	Groundwater not encountered
	Number of Samples	7			

Depth (ft.)	Recovery (in/tot)	PID (ppm)	Odor	Moisture	Description Depth (ft)	Visual-Manual Identification & Description (Color, primary component NAME, secondary component, optional descriptions [SYMBOL])	Remarks (Sample Information, Depth of Casing, Other Tests, Fill Interval, etc.)
0							
		0	None	Dry	0-3	Reddish brown fine to course SAND with trace gravel and pebbles [SM]	
1							
		0					55C1_1-2 collected
2							55C2_1-2 collected
		0					55C2_2-3 collected
3							
		0	None	Dry	3-6	Yellow brown fine to coarse SAND with trace silt and pebbles [SM]	55C1_3-4 collected
4							55C2_3-4 collected
		0					55C3_4-5 collected
5							
		0					55C1_5-6 collected
6						End of Berm 6ft	
7							
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NOTE: Soil descriptions based on a modified Burmister method of visual-manual identification as practiced by Haley & Aldrich, Inc.

SOIL BORING LOG

BORING NO. 56A

Page 1 of

PROJECT	Former Port Mobil Terminal - Berm Sampling	**PROJECT #**	0213836-001-002-03
LOCATION	4101 Arthur Kill Road	**PROJECT MGR.**	S. Commisso
CLIENT	NP Staten Island Industrial, LLC	**FIELD REP.**	K. Oconnor
CONTRACTOR	ENTACT	**DATE STARTED**	9/30/2025
OPERATOR	Jeremy Leibbrand	**DATE FINISHED**	9/30/2025

Test Pit Location	Depth & Sampling		Equipment Make & Model	Surface Conditions	Drilling Notes
Berm 56, Grid 56A - West Face of Berm	Completion Depth (ft.)	6	Test Pit Method: CAT 314E Excavator	Top of Berm - Stone, Geotextile Fabric	Groundwater not encountered
	Number of Samples	7			

Depth (ft.)	Recovery (in/tot)	PID (ppm)	Odor	Moisture	Description Depth (ft)	Visual-Manual Identification & Description (Color, primary component NAME, secondary component, optional descriptions [SYMBOL])	Remarks (Sample Information, Depth of Casing, Other Tests, Fill Interval, etc.)
0		0	None	Damp	0-3	Reddish brown fine to coarse SAND with some silt, gravel, and trace clay [SP]	
1		0					56A1_1-2 collected
2		0					56A2_2-3 collected
							56A3_2-3 collected
3		0	None	Damp	3-6	SAA	56A1_3-4 collected
4		0					56A2_4-5 collected
							56A3_4-5 collected
5		0					56A1_5-6 collected
6		0				End of Berm 6ft	
7							
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NOTE: Soil descriptions based on a modified Burmister method of visual-manual identification as practiced by Haley & Aldrich, Inc.

SOIL BORING LOG

BORING NO. 56B

Page 1 of

PROJECT	Former Port Mobil Terminal - Berm Sampling	**PROJECT #**	0213836-001-002-03
LOCATION	4101 Arthur Kill Road	**PROJECT MGR.**	S. Commisso
CLIENT	NP Staten Island Industrial, LLC	**FIELD REP.**	K. Oconnor
CONTRACTOR	ENTACT	**DATE STARTED**	9/30/2025
OPERATOR	Jeremy Leibbrand	**DATE FINISHED**	9/30/2025

Test Pit Location	Depth & Sampling		Equipment Make & Model	Surface Conditions	Drilling Notes
Berm 56, Grid 56B - North Face of Berm	Completion Depth (ft.)	6	Test Pit Method: CAT 314E Excavator	Top of Berm - Stone, Geotextile Fabric	Groundwater not encountered
	Number of Samples	7			

Depth (ft.)	Recovery (in/tot)	PID (ppm)	Odor	Moisture	Description Depth (ft)	Visual-Manual Identification & Description (Color, primary component NAME, secondary component, optional descriptions [SYMBOL])	Remarks (Sample Information, Depth of Casing, Other Tests, Fill Interval, etc.)
0							
		0	None	Damp	0-3	Reddish brown fine to coarse SAND with some silt, gravel, and trace clay [SP]	
1		0					56B1_1-2 collected
2		0					56B2_2-3 collected
3		0	None	Damp	3-6	SAA	56B3_3-4 collected
							56B1_3-4 collected
4		0					56B2_4-5 collected
5		0					56B3_5-6 collected
							56B1_5-6 collected
6		0				End of Berm 6ft	
7							
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NOTE: Soil descriptions based on a modified Burmister method of visual-manual identification as practiced by Haley & Aldrich, Inc.

SOIL BORING LOG

BORING NO. 56C

PROJECT	Former Port Mobil Terminal - Berm Sampling	**PROJECT #**	0213836-001-002-03
LOCATION	4101 Arthur Kill Road	**PROJECT MGR.**	S. Commisso
CLIENT	NP Staten Island Industrial, LLC	**FIELD REP.**	K. Oconnor
CONTRACTOR	ENTACT	**DATE STARTED**	9/30/2025
OPERATOR	Jeremy Leibbrand	**DATE FINISHED**	9/30/2025

Test Pit Location	Depth & Sampling		Equipment Make & Model	Surface Conditions	Drilling Notes
Berm 56, Grid 56C - East Face of Berm	**Completion Depth (ft.)**	6	**Test Pit Method**	Top of Berm - Stone, Geotextile Fabric	Groundwater not encountered
	Number of Samples	7	CAT 314E Excavator		

Depth (ft.)	Recovery (in/tot)	PID (ppm)	Odor	Moisture	Description Depth (ft)	Visual-Manual Identification & Description (Color, primary component NAME, secondary component, optional descriptions [SYMBOL])	Remarks (Sample Information, Depth of Casing, Other Tests, Fill Interval, etc.)
0							
		0	None	Dry	0-3	Yellow brown fine to coarse SAND, with gravel [SW]	
1		0					56C1_1-2 collected
2		0					56C2_2-3 collected
3		0	None	Dry	3-6	SAA	56C3_3-4 collected
4		0					56C1_3-4 collected 56C2_4-5 collected
5		0					56C3_5-6 collected
6						End of Berm 6ft	56C2_5-6 collected
7							
8							
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NOTE: Soil descriptions based on a modified Burmister method of visual-manual identification as practiced by Haley & Aldrich, Inc.

SOIL BORING LOG

BORING NO. 56D

Page 1 of

PROJECT	Former Port Mobil Terminal - Berm Sampling	**PROJECT #**	0213836-001-002-03
LOCATION	4101 Arthur Kill Road	**PROJECT MGR.**	S. Commisso
CLIENT	NP Staten Island Industrial, LLC	**FIELD REP.**	K. Oconnor
CONTRACTOR	ENTACT	**DATE STARTED**	9/30/2025
OPERATOR	Jeremy Leibbrand	**DATE FINISHED**	9/30/2025

Test Pit Location	Depth & Sampling		Equipment Make & Model	Surface Conditions	Drilling Notes
Berm 56, Grid 56D - South Face of Berm	Completion Depth (ft.)	6	Test Pit Method: CAT 314E Excavator	Top of Berm - Stone, Geotextile Fabric	Groundwater not encountered
	Number of Samples	7			

Depth (ft.)	Recovery (in/tot)	PID (ppm)	Odor	Moisture	Description Depth (ft)	Visual-Manual Identification & Description (Color, primary component NAME, secondary component, optional descriptions [SYMBOL])	Remarks (Sample Information, Depth of Casing, Other Tests, Fill Interval, etc.)
0							
		0	None	Dry	0-3	Red brown fine to coarse SAND, with gravel and rounded pebbles [SW]	
1							
		0					56D1_1-2 collected
2							56D2_1-2 collected
		0					56D3_2-3 collected
3							
		0	None	Dry	3-6	SAA	56D1_3-4 collected
4							
		0					56D2_4-5 collected
5							56D2_4-5 collected
		0					56D1_5-6 collected
6						End of Berm 6ft	
7							
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NOTE: Soil descriptions based on a modified Burmister method of visual-manual identification as practiced by Haley & Aldrich, Inc.

SOIL BORING LOG

BORING NO. 57A

PROJECT	Former Port Mobil Terminal - Berm Sampling	**PROJECT #**	0213836-001-002-03
LOCATION	4101 Arthur Kill Road	**PROJECT MGR.**	S. Commisso
CLIENT	NP Staten Island Industrial, LLC	**FIELD REP.**	K. Oconnor
CONTRACTOR	ENTACT	**DATE STARTED**	9/29/2025
OPERATOR	Jeremy Leibbrand	**DATE FINISHED**	9/29/2025

Test Pit Location	Depth & Sampling		Equipment Make & Model	Surface Conditions	Drilling Notes
Berm 57, Grid 57A - South Face of Berm	Completion Depth (ft.)	8	Test Pit Method: CAT 314E Excavator	Top of Berm - Stone, Geotextile Fabric	Groundwater not encountered
	Number of Samples	7			

Depth (ft.)	Recovery (in/tot)	PID (ppm)	Odor	Moisture	Description Depth (ft)	Visual-Manual Identification & Description (Color, primary component NAME, secondary component, optional descriptions [SYMBOL])	Remarks (Sample Information, Depth of Casing, Other Tests, Fill Interval, etc.)
0							
		0	None	Dry	0-8	Dark brown poorly sorted very fine to medium SAND with gravel and rounded pebbles [SM]	
1		0					57A1_1-2 collected
2		0					57A2_2-3 collected
3		0					57A3_3-4 collected
4			None	Dry	4-8	SAA	
		0					57A1_4-5 collected
5		0					57A3_5-6 collected
6		0					57A2_6-7 collected
7		0					57A3_7-8 collected
8						End of Berm 8ft	
9							
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NOTE: Soil descriptions based on a modified Burmister method of visual-manual identification as practiced by Haley & Aldrich, Inc.

SOIL BORING LOG

BORING NO. 57B

PROJECT	Former Port Mobil Terminal - Berm Sampling	**PROJECT #**	0213836-001-002-03
LOCATION	4101 Arthur Kill Road	**PROJECT MGR.**	S. Commisso
CLIENT	NP Staten Island Industrial, LLC	**FIELD REP.**	K. Oconnor
CONTRACTOR	ENTACT	**DATE STARTED**	9/29/2025
OPERATOR	Jeremy Leibbrand	**DATE FINISHED**	9/29/2025

Test Pit Location	Depth & Sampling		Equipment Make & Model	Surface Conditions	Drilling Notes
Berm 57, Grid 57B - North Face of Berm	Completion Depth (ft.)	8	Test Pit Method: CAT 314E Excavator	Top of Berm - Stone, Geotextile Fabric	Groundwater not encountered
	Number of Samples	7			

Depth (ft.)	Recovery (in/tot)	PID (ppm)	Odor	Moisture	Description Depth (ft)	Visual-Manual Identification & Description (Color, primary component NAME, secondary component, optional descriptions [SYMBOL])	Remarks (Sample Information, Depth of Casing, Other Tests, Fill Interval, etc.)
0							
		0	None	Dry	0-4	Dark brown poorly sorted very fine to medium SAND with gravel and rounded pebbles [SM]	
1		0					57B1_1-2 collected
2		0					57B2_2-3 collected
3		0					57A3_3-4 collected
4			None	Dry	4-8	SAA	
		0					57B1_4-5 collected
5		0					57B3_5-6 collected
6		0					57B2_6-7 collected
7		0					57B1_7-8 collected
8						End of Berm 8ft	
9							
10							
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NOTE: Soil descriptions based on a modified Burmister method of visual-manual identification as practiced by Haley & Aldrich, Inc.

SOIL BORING LOG

BORING NO. 58A

PROJECT	Former Port Mobil Terminal - Berm Sampling	**PROJECT #**	0213836-001-002-03
LOCATION	4101 Arthur Kill Road	**PROJECT MGR.**	S. Commisso
CLIENT	NP Staten Island Industrial, LLC	**FIELD REP.**	K. Oconnor
CONTRACTOR	ENTACT	**DATE STARTED**	9/26/2025
OPERATOR	Jeremy Leibbrand	**DATE FINISHED**	9/26/2025

Test Pit Location	Depth & Sampling		Equipment Make & Model	Surface Conditions	Drilling Notes
Berm 58, Grid 58A - West face of Berm	Completion Depth (ft.)	10	Test Pit Method: CAT 314E Excavator	Top of Berm - Stone, Geotextile Fabric	Groundwater not encountered
	Number of Samples	7			

Depth (ft.)	Recovery (in/tot)	PID (ppm)	Odor	Moisture	Description Depth (ft)	Visual-Manual Identification & Description (Color, primary component NAME, secondary component, optional descriptions [SYMBOL])	Remarks (Sample Information, Depth of Casing, Other Tests, Fill Interval, etc.)
0		0	None	Dry	0-5	Light brown poorly sorted very fine to course SAND with silt, gravel, and pebbles [SM]	
1		0					58A1_1-2 collected
2		0					58A2_2-3 collected
3		0					58A3_3-4 collected
4		0					
5			None	Dry	5-10	SAA	
		0					58A1_5-6 collected
6		0					58A2_6-7 collected
7		0					58A3_7-8 collected
8		0					
9		0					58A2_9-10 collected
10						End of Berm at 10ft	
11							
12							
13							
14							
15							
16							
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NOTE: Soil descriptions based on a modified Burmister method of visual-manual identification as practiced by Haley & Aldrich, Inc.

SOIL BORING LOG

BORING NO. 58B

PROJECT	Former Port Mobil Terminal - Berm Sampling	**PROJECT #**	0213836-001-002-03
LOCATION	4101 Arthur Kill Road	**PROJECT MGR.**	S. Commisso
CLIENT	NP Staten Island Industrial, LLC	**FIELD REP.**	K. Oconnor
CONTRACTOR	ENTACT	**DATE STARTED**	9/26/2025
OPERATOR	Jeremy Leibbrand	**DATE FINISHED**	9/26/2025

Test Pit Location	Depth & Sampling		Equipment Make & Model	Surface Conditions	Drilling Notes
Berm 58, Grid 58B - West face of Berm	**Completion Depth (ft.)**	10	**Test Pit Method** CAT 314E Excavator	Top of Berm - Stone, Geotextile Fabric	Groundwater not encountered
	Number of Samples	7			

Depth (ft.)	Recovery (in/tot)	PID (ppm)	Odor	Moisture	Description Depth (ft)	Visual-Manual Identification & Description (Color, primary component NAME, secondary component, optional descriptions [SYMBOL])	Remarks (Sample Information, Depth of Casing, Other Tests, Fill Interval, etc.)
0		0	None	Dry	0-5	Light brown poorly sorted very fine to course SAND with some silt gravel, and pebbles [SM]	58B1_0-1 collected
1		0					
2		0					58B2_2-3 collected
3		0					58B3_3-4 collected
4		0					58B1_4-5 collected
5			None	Dry	5-10	SAA	
		0					58B2_5-6 collected
6		0					
7		0					58B3_7-8 collected
8		0					
9		0					58B2_9-10 collected
10						End of Berm at 10ft	
11							
12							
13							
14							
15							
16							
17							
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NOTE: Soil descriptions based on a modified Burmister method of visual-manual identification as practiced by Haley & Aldrich, Inc.

SOIL BORING LOG

BORING NO. 58C

PROJECT	Former Port Mobil Terminal - Berm Sampling	**PROJECT #**	0213836-001-002-03
LOCATION	4101 Arthur Kill Road	**PROJECT MGR.**	S. Commisso
CLIENT	NP Staten Island Industrial, LLC	**FIELD REP.**	K. Oconnor
CONTRACTOR	ENTACT	**DATE STARTED**	9/26/2025
OPERATOR	Jeremy Leibbrand	**DATE FINISHED**	9/26/2025

Test Pit Location	Depth & Sampling		Equipment Make & Model	Surface Conditions	Drilling Notes
Berm 58, Grid 58C - West face of Berm	Completion Depth (ft.)	10	Test Pit Method: CAT 314E Excavator	Top of Berm - Stone, Geotextile Fabric	Groundwater not encountered
	Number of Samples	7			

Depth (ft.)	Recovery (in/tot)	PID (ppm)	Odor	Moisture	Description Depth (ft)	Visual-Manual Identification & Description (Color, primary component NAME, secondary component, optional descriptions [SYMBOL])	Remarks (Sample Information, Depth of Casing, Other Tests, Fill Interval, etc.)
0		0	None	Dry	0-5	Light brown poorly sorted very fine to course SAND with some silt gravel, and pebbles [SM]	
1		0					58C3_1-2 collected
2		0					58C2_2-3 collected
3		0					58C1_3-4 collected
4		0					
5			None	Dry	5-10	SAA	
		0					58C3_5-6 collected
6		0					58C2_6-7 collected
7		0					58C1_7-8 collected
8		0					58C3_8-9 collected
9		0					
10						End of Berm at 10ft	

NOTE: Soil descriptions based on a modified Burmister method of visual-manual identification as practiced by Haley & Aldrich, Inc.

SOIL BORING LOG

BORING NO. 58D

PROJECT	Former Port Mobil Terminal - Berm Sampling	**PROJECT #**	0213836-001-002-03
LOCATION	4101 Arthur Kill Road	**PROJECT MGR.**	S. Commisso
CLIENT	NP Staten Island Industrial, LLC	**FIELD REP.**	K. Oconnor
CONTRACTOR	ENTACT	**DATE STARTED**	9/26/2025
OPERATOR	Jeremy Leibbrand	**DATE FINISHED**	9/26/2025

Test Pit Location	Depth & Sampling		Equipment Make & Model	Surface Conditions	Drilling Notes
Berm 58, Grid 58D - West face of Berm	Completion Depth (ft.)	10	Test Pit Method: CAT 314E Excavator	Top of Berm - Stone, Geotextile Fabric	Groundwater not encountered
	Number of Samples	7			

Depth (ft.)	Recovery (in/tot)	PID (ppm)	Odor	Moisture	Description Depth (ft)	Visual-Manual Identification & Description (Color, primary component NAME, secondary component, optional descriptions [SYMBOL])	Remarks (Sample Information, Depth of Casing, Other Tests, Fill Interval, etc.)
0		0	None	Dry	0-5	Light brown poorly sorted very fine to course SAND with some silt gravel, and pebbles [SM]	
1		0					58D1_1-2 collected
2		0					58D2_2-3 collected
3		0					
4		0					58D3_4-5 collected
5			None	Dry	5-10	SAA	
		0					58D1_5-6 collected
6		0					58D2_6-7 collected
7		0					
8		0					58D2_8-9 collected
9		0					58D3_9-10 collected
10						End of Berm at 10ft	
11							
12							
13							
14							
15							
16							
17							
18							
19							
20							
21							
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NOTE: Soil descriptions based on a modified Burmister method of visual-manual identification as practiced by Haley & Aldrich, Inc.

SOIL BORING LOG

BORING NO. 58E

PROJECT	Former Port Mobil Terminal - Berm Sampling	**PROJECT #**	0213836-001-002-03
LOCATION	4101 Arthur Kill Road	**PROJECT MGR.**	S. Commisso
CLIENT	NP Staten Island Industrial, LLC	**FIELD REP.**	K. Oconnor
CONTRACTOR	ENTACT	**DATE STARTED**	9/26/2025
OPERATOR	Jeremy Leibbrand	**DATE FINISHED**	9/26/2025

Test Pit Location	Depth & Sampling		Equipment Make & Model	Surface Conditions	Drilling Notes
Berm 58, Grid 58E - North face of Berm	Completion Depth (ft.)	10	Test Pit Method: CAT 314E Excavator	Top of Berm - Stone, Geotextile Fabric	Groundwater not encountered
	Number of Samples	7			

Depth (ft.)	Recovery (in/tot)	PID (ppm)	Odor	Moisture	Description Depth (ft)	Visual-Manual Identification & Description (Color, primary component NAME, secondary component, optional descriptions [SYMBOL])	Remarks (Sample Information, Depth of Casing, Other Tests, Fill Interval, etc.)
0		0	None	Dry	0-5	Light brown poorly sorted very fine to course SAND with some silt gravel, and pebbles [SM]	
1		0					58E1_1-2 collected
2		0					58E2_2-3 collected
3		0					
4		0					58E3_4-5 collected
5			None	Dry	5-10	SAA	
6		0					58E1_5-6 collected
7		0					
8		0					58E2_7-8 collected
9		0					58E3_8-9 collected
10						End of Berm at 10ft	58E2_9-10 collected
11							
12							
13							
14							
15							
16							
17							
18							
19							
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21							
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23							
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NOTE: Soil descriptions based on a modified Burmister method of visual-manual identification as practiced by Haley & Aldrich, Inc.

SOIL BORING LOG

BORING NO. 58F

PROJECT	Former Port Mobil Terminal - Berm Sampling	**PROJECT #**	0213836-001-002-03
LOCATION	4101 Arthur Kill Road	**PROJECT MGR.**	S. Commisso
CLIENT	NP Staten Island Industrial, LLC	**FIELD REP.**	K. Oconnor
CONTRACTOR	ENTACT	**DATE STARTED**	9/26/2025
OPERATOR	Jeremy Leibbrand	**DATE FINISHED**	9/26/2025

Test Pit Location	Depth & Sampling		Equipment Make & Model	Surface Conditions	Drilling Notes
Berm 58, Grid 58F - Northeast face of Berm	Completion Depth (ft.)	10	Test Pit Method: CAT 314E Excavator	Top of Berm - Stone, Geotextile Fabric	Groundwater not encountered
	Number of Samples	7			

Depth (ft.)	Recovery (in/tot)	PID (ppm)	Odor	Moisture	Description Depth (ft)	Visual-Manual Identification & Description (Color, primary component NAME, secondary component, optional descriptions [SYMBOL])	Remarks (Sample Information, Depth of Casing, Other Tests, Fill Interval, etc.)
0		0	None	Dry	0-5	Light brown poorly sorted very fine to course SAND with some silt gravel, and pebbles [SM]	
1		0					58F1_1-2 collected
2		0					
3		0					58F2_3-4 collected
4		0					58F3_4-5 collected
5			None	Dry	5-10	SAA	
		0					58F1_5-6 collected
6		0					
7		0					58F2_7-8 collected
8		0					58F3_8-9 collected
9		0					58F1_9-10 collected
10						End of Berm at 10ft	
11							
12							
13							
14							
15							
16							
17							
18							
19							
20							
21							
22							
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NOTE: Soil descriptions based on a modified Burmister method of visual-manual identification as practiced by Haley & Aldrich, Inc.

SOIL BORING LOG

BORING NO. 58G

PROJECT	Former Port Mobil Terminal - Berm Sampling	**PROJECT #**	0213836-001-002-03
LOCATION	4101 Arthur Kill Road	**PROJECT MGR.**	S. Commisso
CLIENT	NP Staten Island Industrial, LLC	**FIELD REP.**	K. Oconnor
CONTRACTOR	ENTACT	**DATE STARTED**	9/26/2025
OPERATOR	Jeremy Leibbrand	**DATE FINISHED**	9/26/2025

Test Pit Location	Depth & Sampling		Equipment Make & Model	Surface Conditions	Drilling Notes
Berm 58, Grid 58G - East face of Berm	Completion Depth (ft.)	10	Test Pit Method: CAT 314E Excavator	Top of Berm - Stone, Geotextile Fabric	Groundwater not encountered
	Number of Samples	7			

Depth (ft.)	Recovery (in/tot)	PID (ppm)	Odor	Moisture	Description Depth (ft)	Visual-Manual Identification & Description (Color, primary component NAME, secondary component, optional descriptions [SYMBOL])	Remarks (Sample Information, Depth of Casing, Other Tests, Fill Interval, etc.)
0		0	None	Dry	0-5	Light brown poorly sorted very fine to course SAND with some silt gravel, and pebbles [SM]	
1		0					58G1_1-2 collected
2		0					
3		0					58G2_3-4 collected
4		0					58G3_4-5 collected
5			None	Dry	5-10	SAA	
		0					58G1_5-6 collected
6		0					58G3_6-7 collected
7		0					58G2_7-8 collected
8		0					
9		0					58G3_9-10 collected
10						End of Berm at 10ft	
11							
12							
13							
14							
15							
16							
17							
18							
19							
20							
21							
22							
23							
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NOTE: Soil descriptions based on a modified Burmister method of visual-manual identification as practiced by Haley & Aldrich, Inc.

SOIL BORING LOG

BORING NO. 58H

PROJECT	Former Port Mobil Terminal - Berm Sampling	**PROJECT #**	0213836-001-002-03
LOCATION	4101 Arthur Kill Road	**PROJECT MGR.**	S. Commisso
CLIENT	NP Staten Island Industrial, LLC	**FIELD REP.**	K. Oconnor
CONTRACTOR	ENTACT	**DATE STARTED**	9/26/2025
OPERATOR	Jeremy Leibbrand	**DATE FINISHED**	9/26/2025

Test Pit Location	Depth & Sampling		Equipment Make & Model	Surface Conditions	Drilling Notes
Berm 58, Grid 58H - East face of Berm	Completion Depth (ft.)	10	Test Pit Method: CAT 314E Excavator	Top of Berm - Stone, Geotextile Fabric	Groundwater not encountered
	Number of Samples	7			

Depth (ft.)	Recovery (in/tot)	PID (ppm)	Odor	Moisture	Description Depth (ft)	Visual-Manual Identification & Description (Color, primary component NAME, secondary component, optional descriptions [SYMBOL])	Remarks (Sample Information, Depth of Casing, Other Tests, Fill Interval, etc.)
0							
		0	None	Dry	0-5	Light brown poorly sorted very fine to course SAND with some silt	
1						gravel, and pebbles [SM]	58H3_1-2 collected
		0					
2							
		0					58H1_2-3 collected
3							
		0					58H2_3-4 collected
4							
		0					
5			None	Dry	5-10	SAA	
		0					58H1_5-6 collected
6							
		0					58H1_6-7 collected
7							
		0					58H3_7-8 collected
8							
		0					
9							
		0					58H1_9-10 collected
10						End of Berm at 10ft	
11							
12							
13							
14							
15							
16							
17							
18							
19							
20							
21							
22							
23							
24							
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NOTE: Soil descriptions based on a modified Burmister method of visual-manual identification as practiced by Haley & Aldrich, Inc.

SOIL BORING LOG

BORING NO. 58I

PROJECT	Former Port Mobil Terminal - Berm Sampling	**PROJECT #**	0213836-001-002-03
LOCATION	4101 Arthur Kill Road	**PROJECT MGR.**	S. Commisso
CLIENT	NP Staten Island Industrial, LLC	**FIELD REP.**	K. Oconnor
CONTRACTOR	ENTACT	**DATE STARTED**	9/26/2025
OPERATOR	Jeremy Leibbrand	**DATE FINISHED**	9/26/2025

Test Pit Location	Depth & Sampling		Equipment Make & Model	Surface Conditions	Drilling Notes
Berm 58, Grid 58I - Southeast face of Berm	**Completion Depth (ft.)**	10	**Test Pit Method** CAT 314E Excavator	Top of Berm - Stone, Geotextile Fabric	Groundwater not encountered
	Number of Samples	7			

Depth (ft.)	Recovery (in/tot)	PID (ppm)	Odor	Moisture	Description Depth (ft)	Visual-Manual Identification & Description (Color, primary component NAME, secondary component, optional descriptions [SYMBOL])	Remarks (Sample Information, Depth of Casing, Other Tests, Fill Interval, etc.)
0		0	None	Dry	0-5	Light brown poorly sorted very fine to course SAND with some silt gravel, and pebbles [SM]	58I2_0-1 collected
1		0					58I1_1-2 collected
2		0					
3		0					58I3_3-4 collected
4		0					58I2_4-5 collected
5			None	Dry	5-10	SAA	
		0					58I3_5-6 collected
6		0					
7		0					58I1_7-8 collected
8		0					
9		0					58I2_9-10 collected
10						End of Berm at 10ft	
11							
12							
13							
14							
15							
16							
17							
18							
19							
20							
21							
22							
23							
24							
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26							
27							
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NOTE: Soil descriptions based on a modified Burmister method of visual-manual identification as practiced by Haley & Aldrich, Inc.

SOIL BORING LOG

BORING NO. 58J

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PROJECT	Former Port Mobil Terminal - Berm Sampling	**PROJECT #**	0213836-001-002-03
LOCATION	4101 Arthur Kill Road	**PROJECT MGR.**	S. Commisso
CLIENT	NP Staten Island Industrial, LLC	**FIELD REP.**	K. Oconnor
CONTRACTOR	ENTACT	**DATE STARTED**	9/26/2025
OPERATOR	Jeremy Leibbrand	**DATE FINISHED**	9/26/2025

Test Pit Location	Depth & Sampling		Equipment Make & Model	Surface Conditions	Drilling Notes
Berm 58, Grid 58J - South face of Berm	Completion Depth (ft.)	10	Test Pit Method: CAT 314E Excavator	Top of Berm - Stone, Geotextile Fabric	Groundwater not encountered
	Number of Samples	7			

Depth (ft.)	Recovery (in/tot)	PID (ppm)	Odor	Moisture	Description Depth (ft)	Visual-Manual Identification & Description (Color, primary component NAME, secondary component, optional descriptions [SYMBOL])	Remarks (Sample Information, Depth of Casing, Other Tests, Fill Interval, etc.)
0		0	None	Dry	0-5	Light brown poorly sorted very fine to course SAND with some silt gravel, and pebbles [SM]	
1		0					58J1_1-2 collected
2		0					58J2_2-3 collected
3		0					58J3_3-4 collected
4		0					
5			None	Dry	5-10	SAA	
		0					58J1_5-6 collected
6		0					58J2_6-7 collected
7		0					58J3_7-8 collected
8		0					58J3_8-9 collected
9		0					
10						End of Berm at 10ft	
11							
12							
13							
14							
15							
16							
17							
18							
19							
20							
21							
22							
23							
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NOTE: Soil descriptions based on a modified Burmister method of visual-manual identification as practiced by Haley & Aldrich, Inc.

SOIL BORING LOG

BORING NO. 59A

PROJECT	Former Port Mobil Terminal - Berm Sampling	**PROJECT #**	0213836-001-002-03
LOCATION	4101 Arthur Kill Road	**PROJECT MGR.**	S. Commisso
CLIENT	NP Staten Island Industrial, LLC	**FIELD REP.**	K. Oconnor
CONTRACTOR	ENTACT	**DATE STARTED**	9/29/2025
OPERATOR	Jeremy Leibbrand	**DATE FINISHED**	9/29/2025

Test Pit Location	Depth & Sampling		Equipment Make & Model	Surface Conditions	Drilling Notes
Berm 59, Grid 59A - West Face of Berm	Completion Depth (ft.)	12	Test Pit Method: CAT 314E Excavator	Top of Berm - Stone, Geotextile Fabric	Groundwater not encountered
	Number of Samples	7			

Depth (ft.)	Recovery (in/tot)	PID (ppm)	Odor	Moisture	Description Depth (ft)	Visual-Manual Identification & Description (Color, primary component NAME, secondary component, optional descriptions [SYMBOL])	Remarks (Sample Information, Depth of Casing, Other Tests, Fill Interval, etc.)
0		0	None	Dry	0-6	Brown poorly sorted very fine to medium SAND with gravel and rounded pebbles [SM]	59A1_0-1 collected
1		0					
2		0					59A2_2-3 collected
3		0					59A3_3-4 collected
4		0					59A1_4-5 collected
5		0					
6			None	Dry	6-12	SAA	
		0					59A2_6-7 collected
7		0					
8		0					59A3_8-9 collected
9		0					
10		0					
11		0					59A3_11-12 collected
12						End of Berm 12ft	
13							
14							
15							
16							
17							
18							
19							
20							
21							
22							
23							
24							
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29							
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NOTE: Soil descriptions based on a modified Burmister method of visual-manual identification as practiced by Haley & Aldrich, Inc.

SOIL BORING LOG

BORING NO. 59B

PROJECT	Former Port Mobil Terminal - Berm Sampling	**PROJECT #**	0213836-001-002-03
LOCATION	4101 Arthur Kill Road	**PROJECT MGR.**	S. Commisso
CLIENT	NP Staten Island Industrial, LLC	**FIELD REP.**	K. Oconnor
CONTRACTOR	ENTACT	**DATE STARTED**	9/29/2025
OPERATOR	Jeremy Leibbrand	**DATE FINISHED**	9/29/2025

Test Pit Location	Depth & Sampling		Equipment Make & Model	Surface Conditions	Drilling Notes
Berm 59, Grid 59B - Northwest Face of Berm	**Completion Depth (ft.)**	**12**	**Test Pit Method**	Top of Berm - Stone, Geotextile Fabric	Groundwater not encountered
	Number of Samples	**7**	CAT 314E Excavator		

Depth (ft.)	Recovery (in/tot)	PID (ppm)	Odor	Moisture	Description Depth (ft)	Visual-Manual Identification & Description (Color, primary component NAME, secondary component, optional descriptions [SYMBOL])	Remarks (Sample Information, Depth of Casing, Other Tests, Fill Interval, etc.)
0							
		0	None	Dry	0-6	Reddish brown poorly sorted very fine to medium SAND with silt, gravel and rounded pebbles [SM]	
1							59B1_1-2 collected
		0					
2							
		0					59B2_2-3 collected
3							
		0					
4							
		0					59B3_4-5 collected
5							
		0					59B1_5-6 collected
6			None	Dry	6-12	SAA	
		0					
7							
		0					59B2_7-8 collected
8							
		0					59B3_8-9 colelcted
9							
		0					59B2_9-10 collected
10							
		0					
11							
		0					
12						End of Berm 12ft	
13							
14							
15							
16							
17							
18							
19							
20							
21							
22							
23							
24							
25							
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29							
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NOTE: Soil descriptions based on a modified Burmister method of visual-manual identification as practiced by Haley & Aldrich, Inc.

SOIL BORING LOG

BORING NO. 59C

PROJECT	Former Port Mobil Terminal - Berm Sampling	**PROJECT #**	0213836-001-002-03
LOCATION	4101 Arthur Kill Road	**PROJECT MGR.**	S. Commisso
CLIENT	NP Staten Island Industrial, LLC	**FIELD REP.**	K. Oconnor
CONTRACTOR	ENTACT	**DATE STARTED**	9/29/2025
OPERATOR	Jeremy Leibbrand	**DATE FINISHED**	9/29/2025

Test Pit Location	Depth & Sampling		Equipment Make & Model	Surface Conditions	Drilling Notes
Berm 59, Grid 59C - North Face of Berm	Completion Depth (ft.)	12	Test Pit Method: CAT 314E Excavator	Top of Berm - Stone, Geotextile Fabric	Groundwater not encountered
	Number of Samples	7			

Depth (ft.)	Recovery (in/tot)	PID (ppm)	Odor	Moisture	Description Depth (ft)	Visual-Manual Identification & Description (Color, primary component NAME, secondary component, optional descriptions [SYMBOL])	Remarks (Sample Information, Depth of Casing, Other Tests, Fill Interval, etc.)
0		0	None	Dry	0-6	Light brown very fine to medium SAND with silt and gravel [SM]	
1		0					59C1_1-2 collected
2		0					
3		0					59C2_3-4 collected
4		0					59C3_4-5 collected
5		0					59C1_5-6 collected
6			None	Dry	6-12	SAA	
		0					59C2_6-7 collected
7		0					
8		0					59C3_8-9 collected
9		0					59C1_9-10 collected
10		0					
11		0					
12						End of Berm 12ft	
13							
14							
15							
16							
17							
18							
19							
20							
21							
22							
23							
24							
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NOTE: Soil descriptions based on a modified Burmister method of visual-manual identification as practiced by Haley & Aldrich, Inc.

SOIL BORING LOG

BORING NO. 59D

PROJECT	Former Port Mobil Terminal - Berm Sampling	**PROJECT #**	0213836-001-002-03
LOCATION	4101 Arthur Kill Road	**PROJECT MGR.**	S. Commisso
CLIENT	NP Staten Island Industrial, LLC	**FIELD REP.**	K. Oconnor
CONTRACTOR	ENTACT	**DATE STARTED**	9/29/2025
OPERATOR	Jeremy Leibbrand	**DATE FINISHED**	9/29/2025

Test Pit Location	Depth & Sampling		Equipment Make & Model	Surface Conditions	Drilling Notes
Berm 59, Grid 59D - East Face of Berm	**Completion Depth (ft.)**	**12**	**Test Pit Method**	Top of Berm - Stone, Geotextile Fabric	Groundwater not encountered
	Number of Samples	**7**	CAT 314E Excavator		

Depth (ft.)	Recovery (in/tot)	PID (ppm)	Odor	Moisture	Description Depth (ft)	Visual-Manual Identification & Description (Color, primary component NAME, secondary component, optional descriptions [SYMBOL])	Remarks (Sample Information, Depth of Casing, Other Tests, Fill Interval, etc.)
0		0	None	Dry	0-6	Brown poorly sorted very fine to medium SAND with gravel and rounded pebbles [SM]	
1		0					59D1_1-2 collected
2		0					59D2_2-3 collected
3		0					59D3_3-4 collected
4		0					
5		0					
6			None	Dry	6-12	SAA	
7		0					59D1_6-7 collected
8		0					59D2_7-8 collected
9		0					59D3_8-9 collected
10		0					
11		0					59D2_11-12 collected
12						End of Berm 12ft	
13							
14							
15							
16							
17							
18							
19							
20							
21							
22							
23							
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28							
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NOTE: Soil descriptions based on a modified Burmister method of visual-manual identification as practiced by Haley & Aldrich, Inc.

SOIL BORING LOG

BORING NO. 59E

Page 1 of

PROJECT	Former Port Mobil Terminal - Berm Sampling	**PROJECT #**	0213836-001-002-03
LOCATION	4101 Arthur Kill Road	**PROJECT MGR.**	S. Commisso
CLIENT	NP Staten Island Industrial, LLC	**FIELD REP.**	K. Oconnor
CONTRACTOR	ENTACT	**DATE STARTED**	9/29/2025
OPERATOR	Jeremy Leibbrand	**DATE FINISHED**	9/29/2025

Test Pit Location	Depth & Sampling		Equipment Make & Model	Surface Conditions	Drilling Notes
Berm 59, Grid 59E - South Face of Berm	Completion Depth (ft.)	12	Test Pit Method: CAT 314E Excavator	Top of Berm - Stone, Geotextile Fabric	Groundwater not encountered
	Number of Samples	7			

Depth (ft.)	Recovery (in/tot)	PID (ppm)	Odor	Moisture	Description Depth (ft)	Visual-Manual Identification & Description (Color, primary component NAME, secondary component, optional descriptions [SYMBOL])	Remarks (Sample Information, Depth of Casing, Other Tests, Fill Interval, etc.)
0		0	None	Dry	0-12	Reddish brown poorly sorted very fine to medium SAND with gravel and rounded pebbles [SM]	
1		0					59E1_1-2 collected
2		0					59E2_2-3 collected
3		0					
4		0					59E3_4-5 collected
5		0					
6			None	Dry	6-12	SAA	
		0					59E1_6-7 collected
7		0					
8		0					59E2_8-9 collected
9		0					59E3_9-10 collected
10		0					
11		0					59E2_11-12 collected
12						End of Berm 12ft	
13							
14							
15							
16							
17							
18							
19							
20							
21							
22							
23							
24							
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29							
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NOTE: Soil descriptions based on a modified Burmister method of visual-manual identification as practiced by Haley & Aldrich, Inc.

SOIL BORING LOG

BORING NO. 59F

PROJECT	Former Port Mobil Terminal - Berm Sampling	**PROJECT #**	0213836-001-002-03
LOCATION	4101 Arthur Kill Road	**PROJECT MGR.**	S. Commisso
CLIENT	NP Staten Island Industrial, LLC	**FIELD REP.**	K. Oconnor
CONTRACTOR	ENTACT	**DATE STARTED**	9/29/2025
OPERATOR	Jeremy Leibbrand	**DATE FINISHED**	9/29/2025

Test Pit Location	Depth & Sampling		Equipment Make & Model	Surface Conditions	Drilling Notes
Berm 59, Grid 59F - South Face of Berm	Completion Depth (ft.)	12	Test Pit Method: CAT 314E Excavator	Top of Berm - Stone, Geotextile Fabric	Groundwater not encountered
	Number of Samples	7			

Depth (ft.)	Recovery (in/tot)	PID (ppm)	Odor	Moisture	Description Depth (ft)	Visual-Manual Identification & Description (Color, primary component NAME, secondary component, optional descriptions [SYMBOL])	Remarks (Sample Information, Depth of Casing, Other Tests, Fill Interval, etc.)
0		0	None	Dry	0-6	Reddish brown poorly sorted very fine to medium SAND with gravel and rounded pebbles [SM]	
1		0					59F1_1-2 collected
2		0					
3		0					59F2_3-4 collected
4		0					59F3_4-5 collected
5		0					59F1_5-6 collected
6			None	Dry	6-12	SAA, darker black/brown coloring	
7		0					
8		0					59F2_7-8 collected
9		0					
10		0					59F3_9-10 collected
11		0.1					
12		0					59F1_11-12 collected
13						End of Berm 12ft	
14							
15							
16							
17							
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19							
20							
21							
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NOTE: Soil descriptions based on a modified Burmister method of visual-manual identification as practiced by Haley & Aldrich, Inc.

SOIL BORING LOG

BORING NO. 60A

PROJECT	Former Port Mobil Terminal - Berm Sampling	**PROJECT #**	0213836-001-002-03
LOCATION	4101 Arthur Kill Road	**PROJECT MGR.**	S. Commisso
CLIENT	NP Staten Island Industrial, LLC	**FIELD REP.**	K. Oconnor
CONTRACTOR	ENTACT	**DATE STARTED**	10/1/2025
OPERATOR	Jeremy Leibbrand	**DATE FINISHED**	10/1/2025

Test Pit Location	Depth & Sampling		Equipment Make & Model	Surface Conditions	Drilling Notes
Berm 60, Grid 60A	Completion Depth (ft.)	8	Test Pit Method: CAT 314E Excavator	Top of Berm - Stone, Geotextile Fabric	Groundwater not encountered
	Number of Samples	7			

Depth (ft.)	Recovery (in/tot)	PID (ppm)	Odor	Moisture	Description Depth (ft)	Visual-Manual Identification & Description (Color, primary component NAME, secondary component, optional descriptions [SYMBOL])	Remarks (Sample Information, Depth of Casing, Other Tests, Fill Interval, etc.)
0		0	None	Dry	0-4	Brown fine to coarse SAND, with pebbles and gravel [SP]	
1		0					60A1_1-2 collected
2		0					60A2_2-3 collected
3		0					60A1_3-4 collected
4			None	Dry	4-8	SAA	
		0					60A2_4-5 collected
5		0					60A3_5-6 collected
6		0					60A1_6-7 collected
7		0					60A3_7-8 collected
8						End of Berm 8ft	
9							
10							
11							
12							
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NOTE: Soil descriptions based on a modified Burmister method of visual-manual identification as practiced by Haley & Aldrich, Inc.

SOIL BORING LOG

BORING NO. 61A

PROJECT	Former Port Mobil Terminal - Berm Sampling	**PROJECT #**	0213836-001-002-03
LOCATION	4101 Arthur Kill Road	**PROJECT MGR.**	S. Commisso
CLIENT	NP Staten Island Industrial, LLC	**FIELD REP.**	K. Oconnor
CONTRACTOR	ENTACT	**DATE STARTED**	10/6/2025
OPERATOR	Jeremy Leibbrand	**DATE FINISHED**	10/6/2025

Test Pit Location	Depth & Sampling		Equipment Make & Model	Surface Conditions	Drilling Notes
Berm 61, Grid 61A	Completion Depth (ft.)	6	Test Pit Method: CAT 314E Excavator	Top of Berm - Stone, Geotextile Fabric	Groundwater not encountered
	Number of Samples	7			

Depth (ft.)	Recovery (in/tot)	PID (ppm)	Odor	Moisture	Description Depth (ft)	Visual-Manual Identification & Description (Color, primary component NAME, secondary component, optional descriptions [SYMBOL])	Remarks (Sample Information, Depth of Casing, Other Tests, Fill Interval, etc.)
0		0	None	Dry	0-3	Red brown fine to coarse SAND, with pebbles and gravel [SW]	61A2_0-1 collected
1		0					61A1_1-2 collected
2		0					61A2_2-3 collected
3			None	Dry	3-6	SAA	
		0					61A3_3-4 collected
4		0					61A1_4-5 collected
5		0					61A2_5-6 colelcted
6						End of Berm 6ft	61A3_5-6 collected
7							
8							
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NOTE: Soil descriptions based on a modified Burmister method of visual-manual identification as practiced by Haley & Aldrich, Inc.

SOIL BORING LOG

BORING NO. 62A

PROJECT	Former Port Mobil Terminal - Berm Sampling	**PROJECT #**	0213836-001-002-03
LOCATION	4101 Arthur Kill Road	**PROJECT MGR.**	S. Commisso
CLIENT	NP Staten Island Industrial, LLC	**FIELD REP.**	K. Oconnor
CONTRACTOR	ENTACT	**DATE STARTED**	10/6/2025
OPERATOR	Jeremy Leibbrand	**DATE FINISHED**	10/6/2025

Test Pit Location	Depth & Sampling		Equipment Make & Model	Surface Conditions	Drilling Notes
Berm 62, Grid 62A	Completion Depth (ft.)	10	Test Pit Method: CAT 314E Excavator	Top of Berm - Stone, Geotextile Fabric	Groundwater not encountered
	Number of Samples	7			

Depth (ft.)	Recovery (in/tot)	PID (ppm)	Odor	Moisture	Description Depth (ft)	Visual-Manual Identification & Description (Color, primary component NAME, secondary component, optional descriptions [SYMBOL])	Remarks (Sample Information, Depth of Casing, Other Tests, Fill Interval, etc.)
0		0	None	Dry	0-5	Reddish brown fine to coarse SAND, with pebbles and gravel [SP]	
1		0					62A1_1-2 collected
2		0					62A2_2-3 collected
3		0					62A3_3-4 collected
4		0					62A1_4-5 collected
5			None	Dry	5-10	SAA	
		0					62A2_5-6 collected
6							
7							62A3_7-8 collected
8							
9							62A1_9-10 collected
10						End of Berm 10ft	
11							
12							
13							
14							
15							
16							
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19							
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NOTE: Soil descriptions based on a modified Burmister method of visual-manual identification as practiced by Haley & Aldrich, Inc.

ATTACHMENT 2
Analytical Laboratory Reports

eurofins | Environment Testing

ANALYTICAL REPORT

PREPARED FOR

Attn: Sarah Commisso
Haley & Aldrich, Inc.
213 West 35th Street, 7th Floor
New York, New York 10001

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JOB DESCRIPTION

Former Port Mobil

JOB NUMBER

460-335747-1

Eurofins Edison
777 New Durham Road
Edison NJ 08817

See page two for job notes and contact information.

myEOL

Eurofins Edison

Job Notes

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Compliance Statement

I certify that this data package is in compliance with the terms and conditions of the contract, both technically and for completeness, for other than the conditions detailed within the body of this report. Release of the data contained in this sample data package and in the electronic data deliverable has been authorized by the Laboratory Manager or his/her designee, as verified by the following signature.

Authorization

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Authorized for release by
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(732)549-3900

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Qualifiers

GC/MS VOA

Qualifier	Qualifier Description
*	LCS or LCSD is outside acceptance limits.
J	Indicates an estimated value.
U	Analyzed for but not detected.

GC/MS Semi VOA

Qualifier	Qualifier Description
*	LCS or LCSD is outside acceptance limits.
*	MS or MSD is outside acceptance limits.
*	Duplicate RPD exceeds control limits
E	Compound concentration exceeds the upper level of the calibration range of the instrument for that specific analysis.
J	Indicates an estimated value.
U	Analyzed for but not detected.

GC Semi VOA

Qualifier	Qualifier Description
*	MS or MSD is outside acceptance limits.
E	Compound concentration exceeds the upper level of the calibration range of the instrument for that specific analysis.
J	Indicates an estimated value.
U	Analyzed for but not detected.

LCMS

Qualifier	Qualifier Description
*	MS or MSD is outside acceptance limits.
*	Isotope Dilution analyte is outside acceptance limits.
J	Indicates an estimated value.
U	Analyzed for but not detected.

Metals

Qualifier	Qualifier Description
*	Duplicate analysis not within control limits.
4	MS, MSD: The analyte present in the original sample is greater than 4 times the matrix spike concentration; therefore, control limits are not applicable.
J	Sample result is greater than the MDL but below the CRDL
N	Spiked sample recovery is not within control limits.
U	Indicates analyzed for but not detected.

General Chemistry

Qualifier	Qualifier Description
*	Duplicate analysis not within control limits.

Glossary

Abbreviation	These commonly used abbreviations may or may not be present in this report.
☼	Listed under the "D" column to designate that the result is reported on a dry weight basis
%R	Percent Recovery
CFL	Contains Free Liquid
CFU	Colony Forming Unit
CNF	Contains No Free Liquid
DER	Duplicate Error Ratio (normalized absolute difference)
Dil Fac	Dilution Factor
DL	Detection Limit (DoD/DOE)
DL, RA, RE, IN	Indicates a Dilution, Re-analysis, Re-extraction, or additional Initial metals/anion analysis of the sample
DLC	Decision Level Concentration (Radiochemistry)
EDL	Estimated Detection Limit (Dioxin)
LOD	Limit of Detection (DoD/DOE)
LOQ	Limit of Quantitation (DoD/DOE)
MCL	EPA recommended "Maximum Contaminant Level"

Glossary (Continued)

Abbreviation	These commonly used abbreviations may or may not be present in this report.
MDA	Minimum Detectable Activity (Radiochemistry)
MDC	Minimum Detectable Concentration (Radiochemistry)
MDL	Method Detection Limit
ML	Minimum Level (Dioxin)
MPN	Most Probable Number
MQL	Method Quantitation Limit
NC	Not Calculated
ND	Not Detected at the reporting limit (or MDL or EDL if shown)
NEG	Negative / Absent
POS	Positive / Present
PQL	Practical Quantitation Limit
PRES	Presumptive
QC	Quality Control
RER	Relative Error Ratio (Radiochemistry)
RL	Reporting Limit or Requested Limit (Radiochemistry)
RPD	Relative Percent Difference, a measure of the relative difference between two points
TEF	Toxicity Equivalent Factor (Dioxin)
TEQ	Toxicity Equivalent Quotient (Dioxin)
TNTC	Too Numerous To Count

Job Narrative
460-335747-1

The analytical test results presented in this report meet all requirements of the associated regulatory program listed on the Accreditation/Certification Summary Page, unless otherwise noted. Data qualifiers and/or narrative comments are included to explain any exceptions, if applicable. Regulated compliance samples (e.g. SDWA, NPDES) must comply with associated agency requirements/permits.

- Matrix-specific batch QC (e.g., MS, MSD, SD) may not be reported when insufficient sample volume is available or when site-specific QC samples are not submitted. In such cases, a Laboratory Control Sample Duplicate (LCSD) may be analyzed to provide precision data for the batch.
- For samples analyzed using surrogate and/or isotope dilution analytes, any recoveries falling outside of established acceptance criteria are re-prepared and/or re-analyzed to confirm results, unless the deviation is due to sample dilution or otherwise explained in the case narrative.

Receipt
The samples were received on 9/25/2025 4:10 PM. Unless otherwise noted below, the samples arrived in good condition, and, where required, properly preserved and on ice. The temperatures of the 2 coolers at receipt time were 24.5°C and 24.7°C.

Receipt Exceptions
The Chain-of-Custody (COC) was incomplete as received and/or improperly completed. 53D3_7-8 (460-335747-49), 53D1_0-1 (460-335747-50), 53D2_3-4 (460-335747-51), 53D3_2-3 (460-335747-52), 53D2_4-5 (460-335747-53), 53D1_5-6 (460-335747-54), 53D1_6-7 (460-335747-55), 54D2_4-5 (460-335747-56), 54D1_6-7 (460-335747-57), 54D1_5-6 (460-335747-58) and 54D2_3-4 (460-335747-59) PFAS is checked on the COC but containers for VOC were received.

Method 8260D - Volatile Organic Compounds by GC/MS
Samples 53A1_7-8 (460-335747-17), 53A2_9-10 (460-335747-18), 53A1_8-9 (460-335747-19), 53A2_5-6 (460-335747-20), 53A1_4-5 (460-335747-21), 53A3_0-1 (460-335747-22), 53A1_2-3 (460-335747-23), 53B2_4-5 (460-335747-24), 53B1_5-6 (460-335747-25), 53B1_7-8 (460-335747-26), 53B3_9-10 (460-335747-27), 53B1_2-3 (460-335747-28), 53B3_1-2 (460-335747-29), 53B2_6-7 (460-335747-30), 53C1_1-2 (460-335747-31), 53C1_9-10 (460-335747-32), 53C3_2-3 (460-335747-33), 53C2_5-6 (460-335747-34), 53C2_4-5 (460-335747-35), 53C3_8-9 (460-335747-36), 53C1_7-8 (460-335747-37), 54D3_1-2 (460-335747-38), 54D3_2-3 (460-335747-39), 54D1_0-1 (460-335747-40), 54C1_4-5 (460-335747-41), 54C3_1-2 (460-335747-42), 54C3_5-6 (460-335747-43), 54C1_7-8 (460-335747-44), 54C2_2-3 (460-335747-45), 54C1_3-4 (460-335747-46), 54C2_6-7 (460-335747-47), 54B2_4-5 (460-335747-48), 53D3_7-8 (460-335747-49), 53D1_0-1 (460-335747-50), 53D2_3-4 (460-335747-51), 53D3_2-3 (460-335747-52), 53D2_4-5 (460-335747-53), 53D1_5-6 (460-335747-54), 53D1_6-7 (460-335747-55), 54D2_4-5 (460-335747-56), 54D1_6-7 (460-335747-57), 54D1_5-6 (460-335747-58), 54D2_3-4 (460-335747-59), 54B3_5-6 (460-335747-60), 54B3_6-7 (460-335747-61), 54B1_0-1 (460-335747-62), 54B2_7-8 (460-335747-63), 54B1_2-3 (460-335747-64), 54B2_3-4 (460-335747-65), 54A1_0-1 (460-335747-66), 54A3_5-6 (460-335747-67), 54A1_7-8 (460-335747-68), 54A3_2-3 (460-335747-69), 54A2_1-2 (460-335747-70), 54A1_4-5 (460-335747-71) and 54A2_6-7 (460-335747-72) were analyzed for Volatile Organic Compounds by GC/MS. The samples were prepared on 9/27/2025 and analyzed on 9/29/2025, 9/30/2025 and 10/1/2025.

The continuing calibration verification (CCV) analyzed in batch 460-1064680 was outside the method criteria for the following analyte: Chloromethane. A CCV standard at or below the reporting limit (RL) was analyzed with the affected samples and found to be acceptable. As indicated in the reference method, sample analysis may proceed; however, any detection for the affected analyte is considered estimated.

The laboratory control sample duplicate (LCSD) for analytical batch 460-1064680 recovered outside control limits for the following analytes: 1,1,2-Trichloro-1,2,2-trifluoroethane, 1,2-Dichloroethane, 2-Hexanone and 4-Methyl-2-pentanone (MIBK). These analytes were biased high in the LCSD and were not detected in the associated samples; therefore, the data have been reported.

The continuing calibration verification (CCV) analyzed in batch 460-1064681 was outside the method criteria for the following analytes: Bromoform, Carbon tetrachloride and Methyl acetate (biased high) and Trichlorofluoromethane (biased low). A CCV standard at or below the reporting limit (RL) was analyzed with the affected samples and found to be acceptable. As indicated in the reference method, sample analysis may proceed; however, any detection for the affected analytes is considered estimated.

The laboratory control sample (LCS) and / or laboratory control sample duplicate (LCSD) for analytical batch 460-1064681 recovered outside control limits for the following analytes: Bromoform, Chlorodibromomethane and Methyl acetate. These analytes

were biased high in the LCS/LCSD and were not detected in the associated samples; therefore, the data have been reported.

The laboratory control sample (LCS) and / or laboratory control sample duplicate (LCSD) for analytical batch 460-1064829 recovered outside control limits for the following analytes: 1,2,4-Trichlorobenzene (biased low) and Bromoform, Chlorodibromomethane and Methyl acetate (biased high). These analytes were not detected in the associated samples; therefore, the data have been reported.

The laboratory control sample (LCS) and / or laboratory control sample duplicate (LCSD) for analytical batch 460-1064829 recovered outside control limits for the following analytes: 1,2,4-Trichlorobenzene (biased low) and Bromoform, Chlorodibromomethane and Methyl acetate (biased high). These analytes were not detected in the associated samples; therefore, the data have been reported.

The continuing calibration verification (CCV) analyzed in batch 460-1064829 was outside the method criteria for the following analytes: Bromoform (biased high) and Dichlorodifluoromethane and Trichlorofluoromethane (biased low). A CCV standard at or below the reporting limit (RL) was analyzed with the affected samples and found to be acceptable. As indicated in the reference method, sample analysis may proceed; however, any detection for the affected analytes is considered estimated.

The continuing calibration verification (CCV) associated with batch 460-1064946 recovered above the upper control limit for Bromoform and Methyl acetate. The samples associated with this CCV were non-detects for the affected analytes; therefore, the data have been reported.

The laboratory control sample (LCS) and / or laboratory control sample duplicate (LCSD) for analytical batch 460-1064946 recovered outside control limits for the following analytes: Bromoform, Chlorodibromomethane, Methyl acetate and n-Butylbenzene. These analytes were biased high in the LCS/LCSD and were not detected in the associated samples; therefore, the data have been reported.

The continuing calibration verification (CCV) analyzed in batch 460-1064575 was outside the method criteria for the following analytes: Chloromethane and Dichlorodifluoromethane. A CCV standard at or below the reporting limit (RL) was analyzed with the affected samples and found to be acceptable. As indicated in the reference method, sample analysis may proceed; however, any detection for the affected analytes is considered estimated.

The method blank for analytical batch 460-1064825 contained Styrene above the method detection limit. This target analyte concentration was less than the reporting limit (RL) in the method blank; therefore, re-analysis of samples was not performed.

Method 8270E - Semivolatile Organic Compounds (GC/MS)
Samples 53A_0-5 (460-335747-1), 53A_5-10 (460-335747-2), 53B_0-5 (460-335747-3), 53B_5-10 (460-335747-4), 53C_0-5 (460-335747-5), 53C_5-10 (460-335747-6), 53D_0-5 (460-335747-7), 53D_5-10 (460-335747-8), 54A_0-4 (460-335747-9), 54A_4-8 (460-335747-10), 54B_0-4 (460-335747-11), 54B_4-8 (460-335747-12), 54C_0-4 (460-335747-13), 54C_4-8 (460-335747-14), 54D_0-4 (460-335747-15) and 54D_4-8 (460-335747-16) were analyzed for Semivolatile Organic Compounds (GC/MS). The samples were prepared on 9/27/2025 and analyzed on 9/28/2025.

The continuing calibration verification (CCV) analyzed in batch 460-1064338 was outside the method criteria for the following analyte(s): 4,6-Dinitro-2-methylphenol, Benzaldehyde and Hexachlorocyclopentadiene. A CCV standard at or below the reporting limit (RL) was analyzed with the affected samples and found to be acceptable. As indicated in the reference method, sample analysis may proceed; however, any detection for the affected analyte(s) is considered estimated.

The laboratory control sample (LCS) for preparation batch 460-1064226 and analytical batch 460-1064338 recovered outside control limits for the following analytes: Atrazine and Caprolactam. These analytes were biased high in the LCS and were not detected in the associated samples; therefore, the data have been reported.

Method 8082A - Polychlorinated Biphenyls (PCBs) by Gas Chromatography
Samples 53A_0-5 (460-335747-1), 53A_5-10 (460-335747-2), 53B_0-5 (460-335747-3), 53B_5-10 (460-335747-4), 53C_0-5 (460-335747-5), 53C_5-10 (460-335747-6), 53D_0-5 (460-335747-7), 53D_5-10 (460-335747-8), 54A_0-4 (460-335747-9), 54A_4-8 (460-335747-10), 54B_0-4 (460-335747-11), 54B_4-8 (460-335747-12), 54C_0-4 (460-335747-13), 54C_4-8 (460-335747-14), 54D_0-4 (460-335747-15) and 54D_4-8 (460-335747-16) were analyzed for Polychlorinated Biphenyls (PCBs) by Gas Chromatography. The samples were prepared on 9/27/2025 and analyzed on 9/28/2025.

Method 8081B - Organochlorine Pesticides (GC)
Samples 53A_0-5 (460-335747-1), 53A_5-10 (460-335747-2), 53B_0-5 (460-335747-3), 53B_5-10 (460-335747-4), 53C_0-5 (460-335747-5), 53C_5-10 (460-335747-6), 53D_0-5 (460-335747-7), 53D_5-10 (460-335747-8), 54A_0-4 (460-335747-9), 54A_4-8 (460-335747-10), 54B_0-4 (460-335747-11), 54B_4-8 (460-335747-12), 54C_0-4 (460-335747-13), 54C_4-8

(460-335747-14), 54D_0-4 (460-335747-15) and 54D_4-8 (460-335747-16) were analyzed for Organochlorine Pesticides (GC). The samples were prepared on 9/27/2025 and analyzed on 9/28/2025.

Method 1633A - Per- and Polyfluoroalkyl Substances by LC/MS/MS, 1633A
Samples 53A_0-5 (460-335747-1), 53A_5-10 (460-335747-2), 53B_0-5 (460-335747-3), 53B_5-10 (460-335747-4), 53C_0-5 (460-335747-5), 53C_5-10 (460-335747-6), 53D_0-5 (460-335747-7), 53D_5-10 (460-335747-8), 54A_0-4 (460-335747-9), 54A_4-8 (460-335747-10), 54B_0-4 (460-335747-11), 54B_4-8 (460-335747-12), 54C_0-4 (460-335747-13), 54C_4-8 (460-335747-14), 54D_0-4 (460-335747-15) and 54D_4-8 (460-335747-16) were analyzed for Per- and Polyfluoroalkyl Substances by LC/MS/MS, 1633A. The samples were prepared on 10/1/2025 and analyzed on 10/2/2025.

Extracted internal standard (EIS) d9-N-EtFOSE-M recoveries were outside QC acceptance criteria in sample 53C_5-10 (460-335747-6). The EIS recoveries were greater than or equal to 5% and the signal to noise was greater than 10:1, therefore, the data is reported.

Method 6020B - Metals (ICP/MS)
Samples 53A_0-5 (460-335747-1), 53A_5-10 (460-335747-2), 53B_0-5 (460-335747-3), 53B_5-10 (460-335747-4), 53C_0-5 (460-335747-5), 53C_5-10 (460-335747-6), 53D_0-5 (460-335747-7), 53D_5-10 (460-335747-8), 54A_0-4 (460-335747-9), 54A_4-8 (460-335747-10), 54B_0-4 (460-335747-11), 54B_4-8 (460-335747-12), 54C_0-4 (460-335747-13), 54C_4-8 (460-335747-14), 54D_0-4 (460-335747-15) and 54D_4-8 (460-335747-16) were analyzed for Metals (ICP/MS). The samples were prepared on 10/1/2025 and analyzed on 10/1/2025 and 10/5/2025.

Sample 54B_0-4 (460-335747-11)[100x] required dilution prior to analysis. The reporting limits have been adjusted accordingly.

Method 7471B - Mercury (CVAA)
Samples 53A_0-5 (460-335747-1), 53A_5-10 (460-335747-2), 53B_0-5 (460-335747-3), 53B_5-10 (460-335747-4), 53C_0-5 (460-335747-5), 53C_5-10 (460-335747-6), 53D_0-5 (460-335747-7), 53D_5-10 (460-335747-8), 54A_0-4 (460-335747-9), 54A_4-8 (460-335747-10), 54B_0-4 (460-335747-11), 54B_4-8 (460-335747-12), 54C_0-4 (460-335747-13), 54C_4-8 (460-335747-14), 54D_0-4 (460-335747-15) and 54D_4-8 (460-335747-16) were analyzed for Mercury (CVAA). The samples were prepared and analyzed on 10/1/2025.

Method Moisture - Percent Moisture
Samples 53A_0-5 (460-335747-1), 53A_5-10 (460-335747-2), 53B_0-5 (460-335747-3), 53B_5-10 (460-335747-4), 53C_0-5 (460-335747-5), 53C_5-10 (460-335747-6), 53D_0-5 (460-335747-7), 53D_5-10 (460-335747-8), 54A_0-4 (460-335747-9), 54A_4-8 (460-335747-10), 54B_0-4 (460-335747-11), 54B_4-8 (460-335747-12), 54C_0-4 (460-335747-13), 54C_4-8 (460-335747-14), 54D_0-4 (460-335747-15), 54D_4-8 (460-335747-16), 53A1_7-8 (460-335747-17), 53A2_9-10 (460-335747-18), 53A1_8-9 (460-335747-19), 53A2_5-6 (460-335747-20), 53A1_4-5 (460-335747-21), 53A3_0-1 (460-335747-22), 53A1_2-3 (460-335747-23), 53B2_4-5 (460-335747-24), 53B1_5-6 (460-335747-25), 53B1_7-8 (460-335747-26), 53B3_9-10 (460-335747-27), 53B1_2-3 (460-335747-28), 53B3_1-2 (460-335747-29), 53B2_6-7 (460-335747-30), 53C1_1-2 (460-335747-31), 53C1_9-10 (460-335747-32), 53C3_2-3 (460-335747-33), 53C2_5-6 (460-335747-34), 53C2_4-5 (460-335747-35), 53C3_8-9 (460-335747-36), 53C1_7-8 (460-335747-37), 54D3_1-2 (460-335747-38), 54D3_2-3 (460-335747-39), 54D1_0-1 (460-335747-40), 54C1_4-5 (460-335747-41), 54C3_1-2 (460-335747-42), 54C3_5-6 (460-335747-43), 54C1_7-8 (460-335747-44), 54C2_2-3 (460-335747-45), 54C1_3-4 (460-335747-46), 54C2_6-7 (460-335747-47), 54B2_4-5 (460-335747-48), 53D3_7-8 (460-335747-49), 53D1_0-1 (460-335747-50), 53D2_3-4 (460-335747-51), 53D3_2-3 (460-335747-52), 53D2_4-5 (460-335747-53), 53D1_5-6 (460-335747-54), 53D1_6-7 (460-335747-55), 54D2_4-5 (460-335747-56), 54D1_6-7 (460-335747-57), 54D1_5-6 (460-335747-58), 54D2_3-4 (460-335747-59), 54B3_5-6 (460-335747-60), 54B3_6-7 (460-335747-61), 54B1_0-1 (460-335747-62), 54B2_7-8 (460-335747-63), 54B1_2-3 (460-335747-64), 54B2_3-4 (460-335747-65), 54A1_0-1 (460-335747-66), 54A3_5-6 (460-335747-67), 54A1_7-8 (460-335747-68), 54A3_2-3 (460-335747-69), 54A2_1-2 (460-335747-70), 54A1_4-5 (460-335747-71) and 54A2_6-7 (460-335747-72) were analyzed for Percent Moisture. The samples were analyzed on 9/28/2025 and 9/30/2025.

Detection Summary

Client: Haley & Aldrich, Inc.
Project/Site: Former Port Mobil

Job ID: 460-335747-1

Client Sample ID: 53A_0-5

Lab Sample ID: 460-335747-1

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
4,4'-DDT	0.0027	J	0.0073	0.0013	mg/Kg	1	☼	8081B	Total/NA
Perfluorohexanoic acid (PFHxA)	0.10	J	0.20	0.10	ug/Kg	1	☼	1633A	Total/NA
Perfluoroheptanoic acid (PFHpA)	0.25		0.20	0.10	ug/Kg	1	☼	1633A	Total/NA
Perfluorooctanoic acid (PFOA)	0.35		0.20	0.060	ug/Kg	1	☼	1633A	Total/NA
Perfluorononanoic acid (PFNA)	1.23		0.20	0.10	ug/Kg	1	☼	1633A	Total/NA
Perfluorodecanoic acid (PFDA)	1.03		0.20	0.060	ug/Kg	1	☼	1633A	Total/NA
Perfluoroundecanoic acid (PFUnA)	3.59		0.20	0.10	ug/Kg	1	☼	1633A	Total/NA
Perfluorododecanoic acid (PFDoA)	0.49		0.20	0.10	ug/Kg	1	☼	1633A	Total/NA
Perfluorotridecanoic acid (PFTrDA)	4.33		0.20	0.10	ug/Kg	1	☼	1633A	Total/NA
Perfluorotetradecanoic acid (PFTeDA)	0.13	J	0.20	0.10	ug/Kg	1	☼	1633A	Total/NA
1H,1H,2H,2H-Perfluorooctane sulfonic acid (6:2 FTS)	0.20	J	0.40	0.20	ug/Kg	1	☼	1633A	Total/NA
1H,1H,2H,2H-Perfluorodecane sulfonic acid (8:2 FTS)	5.19		0.40	0.20	ug/Kg	1	☼	1633A	Total/NA
3-Perfluoroheptylpropanoic acid (7:3 FTCA)	0.89	J	1.0	0.50	ug/Kg	1	☼	1633A	Total/NA
Aluminum	8330		20.1	5.5	mg/Kg	1	☼	6020B	Total/NA
Antimony	0.71	J	1.0	0.15	mg/Kg	1	☼	6020B	Total/NA
Arsenic	7.7		1.0	0.10	mg/Kg	1	☼	6020B	Total/NA
Barium	81.2		2.0	0.15	mg/Kg	1	☼	6020B	Total/NA
Beryllium	0.67		0.40	0.022	mg/Kg	1	☼	6020B	Total/NA
Cadmium	0.55	J	1.0	0.11	mg/Kg	1	☼	6020B	Total/NA
Calcium	2750		100	9.8	mg/Kg	1	☼	6020B	Total/NA
Chromium	23.3		2.0	0.30	mg/Kg	1	☼	6020B	Total/NA
Cobalt	6.2		1.0	0.15	mg/Kg	1	☼	6020B	Total/NA
Copper	40.3		2.0	0.37	mg/Kg	1	☼	6020B	Total/NA
Iron	21800		60.2	7.7	mg/Kg	1	☼	6020B	Total/NA
Lead	416		0.60	0.20	mg/Kg	1	☼	6020B	Total/NA
Magnesium	2860		100	10.2	mg/Kg	1	☼	6020B	Total/NA
Manganese	197		4.0	0.40	mg/Kg	1	☼	6020B	Total/NA
Nickel	14.9		2.0	0.18	mg/Kg	1	☼	6020B	Total/NA
Potassium	1180		100	16.3	mg/Kg	1	☼	6020B	Total/NA
Selenium	0.37	J	1.3	0.13	mg/Kg	1	☼	6020B	Total/NA
Silver	0.31	J	0.40	0.089	mg/Kg	1	☼	6020B	Total/NA
Sodium	174		100	45.9	mg/Kg	1	☼	6020B	Total/NA
Thallium	0.098	J	0.40	0.041	mg/Kg	1	☼	6020B	Total/NA
Vanadium	26.2		2.0	0.21	mg/Kg	1	☼	6020B	Total/NA
Zinc	221		8.0	1.1	mg/Kg	1	☼	6020B	Total/NA
Mercury	0.040		0.018	0.0084	mg/Kg	1	☼	7471B	Total/NA

Client Sample ID: 53A_5-10

Lab Sample ID: 460-335747-2

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Perfluoroheptanoic acid (PFHpA)	0.18	J	0.20	0.099	ug/Kg	1	☼	1633A	Total/NA
Perfluorooctanoic acid (PFOA)	0.14	J	0.20	0.060	ug/Kg	1	☼	1633A	Total/NA
Perfluorononanoic acid (PFNA)	0.26		0.20	0.099	ug/Kg	1	☼	1633A	Total/NA
Perfluorodecanoic acid (PFDA)	0.83		0.20	0.060	ug/Kg	1	☼	1633A	Total/NA
Perfluoroundecanoic acid (PFUnA)	3.45		0.20	0.099	ug/Kg	1	☼	1633A	Total/NA
Perfluorododecanoic acid (PFDoA)	0.52		0.20	0.099	ug/Kg	1	☼	1633A	Total/NA
Perfluorotridecanoic acid (PFTrDA)	3.44		0.20	0.099	ug/Kg	1	☼	1633A	Total/NA
Perfluorotetradecanoic acid (PFTeDA)	0.19	J	0.20	0.099	ug/Kg	1	☼	1633A	Total/NA

This Detection Summary does not include radiochemical test results.

Client Sample ID: 53A_5-10 (Continued) — Lab Sample ID: 460-335747-2

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
1H,1H,2H,2H-Perfluorodecane sulfonic acid (8:2 FTS)	1.86		0.40	0.20	ug/Kg	1	☼	1633A	Total/NA
3-Perfluoroheptylpropanoic acid (7:3 FTCA)	0.98	J	0.99	0.50	ug/Kg	1	☼	1633A	Total/NA
Aluminum	5520		20.2	5.6	mg/Kg	1	☼	6020B	Total/NA
Antimony	0.40	J	1.0	0.15	mg/Kg	1	☼	6020B	Total/NA
Arsenic	6.3		1.0	0.10	mg/Kg	1	☼	6020B	Total/NA
Barium	43.2		2.0	0.15	mg/Kg	1	☼	6020B	Total/NA
Beryllium	0.50		0.40	0.022	mg/Kg	1	☼	6020B	Total/NA
Cadmium	0.27	J	1.0	0.11	mg/Kg	1	☼	6020B	Total/NA
Calcium	6480		101	9.8	mg/Kg	1	☼	6020B	Total/NA
Chromium	14.0		2.0	0.30	mg/Kg	1	☼	6020B	Total/NA
Cobalt	5.1		1.0	0.15	mg/Kg	1	☼	6020B	Total/NA
Copper	34.7		2.0	0.37	mg/Kg	1	☼	6020B	Total/NA
Iron	15900		60.7	7.7	mg/Kg	1	☼	6020B	Total/NA
Lead	145		0.61	0.20	mg/Kg	1	☼	6020B	Total/NA
Magnesium	5050		101	10.3	mg/Kg	1	☼	6020B	Total/NA
Manganese	217		4.0	0.41	mg/Kg	1	☼	6020B	Total/NA
Nickel	12.2		2.0	0.18	mg/Kg	1	☼	6020B	Total/NA
Potassium	971		101	16.4	mg/Kg	1	☼	6020B	Total/NA
Selenium	0.16	J	1.3	0.13	mg/Kg	1	☼	6020B	Total/NA
Silver	0.28	J	0.40	0.090	mg/Kg	1	☼	6020B	Total/NA
Sodium	106		101	46.2	mg/Kg	1	☼	6020B	Total/NA
Thallium	0.074	J	0.40	0.041	mg/Kg	1	☼	6020B	Total/NA
Vanadium	20.9		2.0	0.21	mg/Kg	1	☼	6020B	Total/NA
Zinc	88.5		8.1	1.1	mg/Kg	1	☼	6020B	Total/NA
Mercury	0.029		0.018	0.0082	mg/Kg	1	☼	7471B	Total/NA

Client Sample ID: 53B_0-5 — Lab Sample ID: 460-335747-3

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
4,4'-DDT	0.0043	J	0.0072	0.0013	mg/Kg	1	☼	8081B	Total/NA
Perfluoroheptanoic acid (PFHpA)	0.21		0.20	0.099	ug/Kg	1	☼	1633A	Total/NA
Perfluorooctanoic acid (PFOA)	0.25		0.20	0.060	ug/Kg	1	☼	1633A	Total/NA
Perfluorononanoic acid (PFNA)	0.43		0.20	0.099	ug/Kg	1	☼	1633A	Total/NA
Perfluorodecanoic acid (PFDA)	0.81		0.20	0.060	ug/Kg	1	☼	1633A	Total/NA
Perfluoroundecanoic acid (PFUnA)	3.62		0.20	0.099	ug/Kg	1	☼	1633A	Total/NA
Perfluorododecanoic acid (PFDoA)	0.49		0.20	0.099	ug/Kg	1	☼	1633A	Total/NA
Perfluorotridecanoic acid (PFTrDA)	1.82		0.20	0.099	ug/Kg	1	☼	1633A	Total/NA
Perfluorotetradecanoic acid (PFTeDA)	0.13	J	0.20	0.099	ug/Kg	1	☼	1633A	Total/NA
1H,1H,2H,2H-Perfluorooctane sulfonic acid (6:2 FTS)	0.20	J	0.40	0.20	ug/Kg	1	☼	1633A	Total/NA
1H,1H,2H,2H-Perfluorodecane sulfonic acid (8:2 FTS)	6.08		0.40	0.20	ug/Kg	1	☼	1633A	Total/NA
3-Perfluoroheptylpropanoic acid (7:3 FTCA)	0.73	J	0.99	0.50	ug/Kg	1	☼	1633A	Total/NA
Aluminum	12900		19.2	5.3	mg/Kg	1	☼	6020B	Total/NA
Antimony	0.76	J	0.96	0.14	mg/Kg	1	☼	6020B	Total/NA
Arsenic	7.1		0.96	0.099	mg/Kg	1	☼	6020B	Total/NA
Barium	171		1.9	0.14	mg/Kg	1	☼	6020B	Total/NA
Beryllium	1.1		0.38	0.021	mg/Kg	1	☼	6020B	Total/NA
Cadmium	1.0		0.96	0.11	mg/Kg	1	☼	6020B	Total/NA
Calcium	4830		95.9	9.3	mg/Kg	1	☼	6020B	Total/NA

This Detection Summary does not include radiochemical test results.

Client Sample ID: 53B_0-5 (Continued)

Lab Sample ID: 460-335747-3

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Chromium	37.6		1.9	0.28	mg/Kg	1	☼	6020B	Total/NA
Cobalt	12.9		0.96	0.14	mg/Kg	1	☼	6020B	Total/NA
Copper	44.6		1.9	0.35	mg/Kg	1	☼	6020B	Total/NA
Iron	29300		57.6	7.3	mg/Kg	1	☼	6020B	Total/NA
Lead	833		0.58	0.19	mg/Kg	1	☼	6020B	Total/NA
Magnesium	3010		95.9	9.8	mg/Kg	1	☼	6020B	Total/NA
Manganese	212		3.8	0.39	mg/Kg	1	☼	6020B	Total/NA
Nickel	21.5		1.9	0.17	mg/Kg	1	☼	6020B	Total/NA
Potassium	1640		95.9	15.5	mg/Kg	1	☼	6020B	Total/NA
Selenium	0.28	J	1.2	0.12	mg/Kg	1	☼	6020B	Total/NA
Silver	0.19	J	0.38	0.085	mg/Kg	1	☼	6020B	Total/NA
Sodium	403		95.9	43.8	mg/Kg	1	☼	6020B	Total/NA
Thallium	0.15	J	0.38	0.039	mg/Kg	1	☼	6020B	Total/NA
Vanadium	31.1		1.9	0.20	mg/Kg	1	☼	6020B	Total/NA
Zinc	504		7.7	1.0	mg/Kg	1	☼	6020B	Total/NA
Mercury	0.021		0.017	0.0079	mg/Kg	1	☼	7471B	Total/NA

Client Sample ID: 53B_5-10

Lab Sample ID: 460-335747-4

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
4,4'-DDT	0.0028	J	0.0080	0.0015	mg/Kg	1	☼	8081B	Total/NA
Perfluorodecanoic acid (PFDA)	0.13	J	0.20	0.059	ug/Kg	1	☼	1633A	Total/NA
Perfluoroundecanoic acid (PFUnA)	2.36		0.20	0.099	ug/Kg	1	☼	1633A	Total/NA
Perfluorotridecanoic acid (PFTrDA)	1.24		0.20	0.099	ug/Kg	1	☼	1633A	Total/NA
Aluminum	9640		21.6	5.9	mg/Kg	1	☼	6020B	Total/NA
Antimony	0.53	J	1.1	0.16	mg/Kg	1	☼	6020B	Total/NA
Arsenic	6.3		1.1	0.11	mg/Kg	1	☼	6020B	Total/NA
Barium	105		2.2	0.16	mg/Kg	1	☼	6020B	Total/NA
Beryllium	0.76		0.43	0.024	mg/Kg	1	☼	6020B	Total/NA
Cadmium	0.52	J	1.1	0.12	mg/Kg	1	☼	6020B	Total/NA
Calcium	2390		108	10.5	mg/Kg	1	☼	6020B	Total/NA
Chromium	24.4		2.2	0.32	mg/Kg	1	☼	6020B	Total/NA
Cobalt	6.4		1.1	0.16	mg/Kg	1	☼	6020B	Total/NA
Copper	33.7		2.2	0.40	mg/Kg	1	☼	6020B	Total/NA
Iron	21500		64.9	8.3	mg/Kg	1	☼	6020B	Total/NA
Lead	353		0.65	0.22	mg/Kg	1	☼	6020B	Total/NA
Magnesium	2450		108	11.0	mg/Kg	1	☼	6020B	Total/NA
Manganese	169		4.3	0.44	mg/Kg	1	☼	6020B	Total/NA
Nickel	15.9		2.2	0.19	mg/Kg	1	☼	6020B	Total/NA
Potassium	1340		108	17.5	mg/Kg	1	☼	6020B	Total/NA
Selenium	0.18	J	1.4	0.14	mg/Kg	1	☼	6020B	Total/NA
Silver	0.15	J	0.43	0.096	mg/Kg	1	☼	6020B	Total/NA
Sodium	223		108	49.4	mg/Kg	1	☼	6020B	Total/NA
Thallium	0.11	J	0.43	0.044	mg/Kg	1	☼	6020B	Total/NA
Vanadium	24.2		2.2	0.22	mg/Kg	1	☼	6020B	Total/NA
Zinc	289		8.7	1.2	mg/Kg	1	☼	6020B	Total/NA
Mercury	0.029		0.020	0.0092	mg/Kg	1	☼	7471B	Total/NA

Client Sample ID: 53C_0-5

Lab Sample ID: 460-335747-5

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Perfluorononanoic acid (PFNA)	0.19	J	0.20	0.099	ug/Kg	1	☼	1633A	Total/NA

This Detection Summary does not include radiochemical test results.

Client Sample ID: 53C_0-5 (Continued)

Lab Sample ID: 460-335747-5

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Perfluorodecanoic acid (PFDA)	0.29		0.20	0.060	ug/Kg	1	☼	1633A	Total/NA
Perfluoroundecanoic acid (PFUnA)	3.07		0.20	0.099	ug/Kg	1	☼	1633A	Total/NA
Perfluorododecanoic acid (PFDoA)	0.21		0.20	0.099	ug/Kg	1	☼	1633A	Total/NA
Perfluorotridecanoic acid (PFTrDA)	4.09		0.20	0.099	ug/Kg	1	☼	1633A	Total/NA
1H,1H,2H,2H-Perfluorodecane sulfonic acid (8:2 FTS)	0.26	J	0.40	0.20	ug/Kg	1	☼	1633A	Total/NA
Aluminum	6260		20.2	5.5	mg/Kg	1	☼	6020B	Total/NA
Antimony	0.51	J	1.0	0.15	mg/Kg	1	☼	6020B	Total/NA
Arsenic	6.8		1.0	0.10	mg/Kg	1	☼	6020B	Total/NA
Barium	57.3		2.0	0.15	mg/Kg	1	☼	6020B	Total/NA
Beryllium	0.51		0.40	0.022	mg/Kg	1	☼	6020B	Total/NA
Cadmium	0.40	J	1.0	0.11	mg/Kg	1	☼	6020B	Total/NA
Calcium	10900		101	9.8	mg/Kg	1	☼	6020B	Total/NA
Chromium	15.4		2.0	0.30	mg/Kg	1	☼	6020B	Total/NA
Cobalt	4.9		1.0	0.15	mg/Kg	1	☼	6020B	Total/NA
Copper	32.8		2.0	0.37	mg/Kg	1	☼	6020B	Total/NA
Iron	16900		60.6	7.7	mg/Kg	1	☼	6020B	Total/NA
Lead	153		0.61	0.20	mg/Kg	1	☼	6020B	Total/NA
Magnesium	7290		101	10.3	mg/Kg	1	☼	6020B	Total/NA
Manganese	185		4.0	0.41	mg/Kg	1	☼	6020B	Total/NA
Nickel	11.0		2.0	0.18	mg/Kg	1	☼	6020B	Total/NA
Potassium	919		101	16.4	mg/Kg	1	☼	6020B	Total/NA
Selenium	0.24	J	1.3	0.13	mg/Kg	1	☼	6020B	Total/NA
Silver	0.25	J	0.40	0.090	mg/Kg	1	☼	6020B	Total/NA
Sodium	268		101	46.2	mg/Kg	1	☼	6020B	Total/NA
Thallium	0.10	J	0.40	0.041	mg/Kg	1	☼	6020B	Total/NA
Vanadium	21.5		2.0	0.21	mg/Kg	1	☼	6020B	Total/NA
Zinc	132		8.1	1.1	mg/Kg	1	☼	6020B	Total/NA
Mercury	0.039		0.019	0.0087	mg/Kg	1	☼	7471B	Total/NA

Client Sample ID: 53C_5-10

Lab Sample ID: 460-335747-6

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
4,4'-DDT	0.0034	J	0.0072	0.0013	mg/Kg	1	☼	8081B	Total/NA
Perfluorooctanoic acid (PFOA)	0.11	J	0.20	0.060	ug/Kg	1	☼	1633A	Total/NA
Perfluorononanoic acid (PFNA)	0.35		0.20	0.10	ug/Kg	1	☼	1633A	Total/NA
Perfluorodecanoic acid (PFDA)	0.34		0.20	0.060	ug/Kg	1	☼	1633A	Total/NA
Perfluoroundecanoic acid (PFUnA)	1.84		0.20	0.10	ug/Kg	1	☼	1633A	Total/NA
Perfluorododecanoic acid (PFDoA)	0.18	J	0.20	0.10	ug/Kg	1	☼	1633A	Total/NA
Perfluorotridecanoic acid (PFTrDA)	1.04		0.20	0.10	ug/Kg	1	☼	1633A	Total/NA
1H,1H,2H,2H-Perfluorodecane sulfonic acid (8:2 FTS)	0.34	J	0.40	0.20	ug/Kg	1	☼	1633A	Total/NA
Aluminum	5670		21.5	5.9	mg/Kg	1	☼	6020B	Total/NA
Antimony	0.72	J	1.1	0.16	mg/Kg	1	☼	6020B	Total/NA
Arsenic	6.8		1.1	0.11	mg/Kg	1	☼	6020B	Total/NA
Barium	56.5		2.2	0.16	mg/Kg	1	☼	6020B	Total/NA
Beryllium	0.50		0.43	0.024	mg/Kg	1	☼	6020B	Total/NA
Cadmium	0.46	J	1.1	0.12	mg/Kg	1	☼	6020B	Total/NA
Calcium	1750		108	10.5	mg/Kg	1	☼	6020B	Total/NA
Chromium	18.8		2.2	0.32	mg/Kg	1	☼	6020B	Total/NA
Cobalt	4.4		1.1	0.16	mg/Kg	1	☼	6020B	Total/NA
Copper	29.6		2.2	0.40	mg/Kg	1	☼	6020B	Total/NA

This Detection Summary does not include radiochemical test results.

Client Sample ID: 53C_5-10 (Continued)

Lab Sample ID: 460-335747-6

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Iron	16000		64.5	8.2	mg/Kg	1	☼	6020B	Total/NA
Lead	190		0.65	0.22	mg/Kg	1	☼	6020B	Total/NA
Magnesium	1760		108	11.0	mg/Kg	1	☼	6020B	Total/NA
Manganese	133		4.3	0.43	mg/Kg	1	☼	6020B	Total/NA
Nickel	10.2		2.2	0.19	mg/Kg	1	☼	6020B	Total/NA
Potassium	887		108	17.4	mg/Kg	1	☼	6020B	Total/NA
Selenium	0.24	J	1.3	0.14	mg/Kg	1	☼	6020B	Total/NA
Silver	0.21	J	0.43	0.096	mg/Kg	1	☼	6020B	Total/NA
Sodium	213		108	49.2	mg/Kg	1	☼	6020B	Total/NA
Thallium	0.069	J	0.43	0.044	mg/Kg	1	☼	6020B	Total/NA
Vanadium	19.9		2.2	0.22	mg/Kg	1	☼	6020B	Total/NA
Zinc	278		8.6	1.2	mg/Kg	1	☼	6020B	Total/NA
Mercury	0.042		0.018	0.0085	mg/Kg	1	☼	7471B	Total/NA

Client Sample ID: 53D_0-5

Lab Sample ID: 460-335747-7

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Perfluorooctanoic acid (PFOA)	0.18	J	0.20	0.060	ug/Kg	1	☼	1633A	Total/NA
Perfluorononanoic acid (PFNA)	0.69		0.20	0.10	ug/Kg	1	☼	1633A	Total/NA
Perfluorodecanoic acid (PFDA)	0.76		0.20	0.060	ug/Kg	1	☼	1633A	Total/NA
Perfluoroundecanoic acid (PFUnA)	3.15		0.20	0.10	ug/Kg	1	☼	1633A	Total/NA
Perfluorododecanoic acid (PFDoA)	0.22		0.20	0.10	ug/Kg	1	☼	1633A	Total/NA
Perfluorotridecanoic acid (PFTrDA)	1.36		0.20	0.10	ug/Kg	1	☼	1633A	Total/NA
Perfluorooctanesulfonic acid (PFOS)	0.11	J	0.20	0.10	ug/Kg	1	☼	1633A	Total/NA
Aluminum	6260		20.1	5.5	mg/Kg	1	☼	6020B	Total/NA
Antimony	0.46	J	1.0	0.15	mg/Kg	1	☼	6020B	Total/NA
Arsenic	5.9		1.0	0.10	mg/Kg	1	☼	6020B	Total/NA
Barium	42.8		2.0	0.15	mg/Kg	1	☼	6020B	Total/NA
Beryllium	0.46		0.40	0.022	mg/Kg	1	☼	6020B	Total/NA
Cadmium	0.23	J	1.0	0.11	mg/Kg	1	☼	6020B	Total/NA
Calcium	2390		100	9.8	mg/Kg	1	☼	6020B	Total/NA
Chromium	12.9		2.0	0.30	mg/Kg	1	☼	6020B	Total/NA
Cobalt	5.4		1.0	0.15	mg/Kg	1	☼	6020B	Total/NA
Copper	33.6		2.0	0.37	mg/Kg	1	☼	6020B	Total/NA
Iron	16600		60.2	7.7	mg/Kg	1	☼	6020B	Total/NA
Lead	45.0		0.60	0.20	mg/Kg	1	☼	6020B	Total/NA
Magnesium	2790		100	10.2	mg/Kg	1	☼	6020B	Total/NA
Manganese	236		4.0	0.40	mg/Kg	1	☼	6020B	Total/NA
Nickel	11.0		2.0	0.18	mg/Kg	1	☼	6020B	Total/NA
Potassium	836		100	16.2	mg/Kg	1	☼	6020B	Total/NA
Selenium	0.20	J	1.3	0.13	mg/Kg	1	☼	6020B	Total/NA
Silver	0.23	J	0.40	0.089	mg/Kg	1	☼	6020B	Total/NA
Sodium	97.7	J	100	45.8	mg/Kg	1	☼	6020B	Total/NA
Thallium	0.085	J	0.40	0.041	mg/Kg	1	☼	6020B	Total/NA
Vanadium	25.6		2.0	0.21	mg/Kg	1	☼	6020B	Total/NA
Zinc	55.1		8.0	1.1	mg/Kg	1	☼	6020B	Total/NA
Mercury	0.033		0.018	0.0085	mg/Kg	1	☼	7471B	Total/NA

Client Sample ID: 53D_5-10

Lab Sample ID: 460-335747-8

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
4,4'-DDT	0.0022	J	0.0076	0.0014	mg/Kg	1	☼	8081B	Total/NA

This Detection Summary does not include radiochemical test results.

Client Sample ID: 53D_5-10 (Continued)

Lab Sample ID: 460-335747-8

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Perfluorooctanoic acid (PFOA)	0.074	J	0.20	0.060	ug/Kg	1	☼	1633A	Total/NA
Perfluorononanoic acid (PFNA)	0.21		0.20	0.099	ug/Kg	1	☼	1633A	Total/NA
Perfluorodecanoic acid (PFDA)	0.22		0.20	0.060	ug/Kg	1	☼	1633A	Total/NA
Perfluoroundecanoic acid (PFUnA)	1.97		0.20	0.099	ug/Kg	1	☼	1633A	Total/NA
Perfluorododecanoic acid (PFDoA)	0.23		0.20	0.099	ug/Kg	1	☼	1633A	Total/NA
Perfluorotridecanoic acid (PFTrDA)	3.37		0.20	0.099	ug/Kg	1	☼	1633A	Total/NA
1H,1H,2H,2H-Perfluorodecane sulfonic acid (8:2 FTS)	0.69		0.40	0.20	ug/Kg	1	☼	1633A	Total/NA
Aluminum	8080		21.2	5.8	mg/Kg	1	☼	6020B	Total/NA
Antimony	0.99	J	1.1	0.15	mg/Kg	1	☼	6020B	Total/NA
Arsenic	7.9		1.1	0.11	mg/Kg	1	☼	6020B	Total/NA
Barium	77.7		2.1	0.15	mg/Kg	1	☼	6020B	Total/NA
Beryllium	1.0		0.42	0.023	mg/Kg	1	☼	6020B	Total/NA
Cadmium	0.51	J	1.1	0.12	mg/Kg	1	☼	6020B	Total/NA
Calcium	2420		106	10.3	mg/Kg	1	☼	6020B	Total/NA
Chromium	26.0		2.1	0.31	mg/Kg	1	☼	6020B	Total/NA
Cobalt	9.1		1.1	0.16	mg/Kg	1	☼	6020B	Total/NA
Copper	90.6		2.1	0.39	mg/Kg	1	☼	6020B	Total/NA
Iron	20700		63.5	8.1	mg/Kg	1	☼	6020B	Total/NA
Lead	285		0.64	0.21	mg/Kg	1	☼	6020B	Total/NA
Magnesium	2600		106	10.8	mg/Kg	1	☼	6020B	Total/NA
Manganese	187		4.2	0.43	mg/Kg	1	☼	6020B	Total/NA
Nickel	35.2		2.1	0.19	mg/Kg	1	☼	6020B	Total/NA
Potassium	1110		106	17.2	mg/Kg	1	☼	6020B	Total/NA
Selenium	0.40	J	1.3	0.14	mg/Kg	1	☼	6020B	Total/NA
Silver	0.42		0.42	0.094	mg/Kg	1	☼	6020B	Total/NA
Sodium	162		106	48.4	mg/Kg	1	☼	6020B	Total/NA
Thallium	0.11	J	0.42	0.043	mg/Kg	1	☼	6020B	Total/NA
Vanadium	27.6		2.1	0.22	mg/Kg	1	☼	6020B	Total/NA
Zinc	339		8.5	1.2	mg/Kg	1	☼	6020B	Total/NA
Mercury	0.039		0.018	0.0084	mg/Kg	1	☼	7471B	Total/NA

Client Sample ID: 54A_0-4

Lab Sample ID: 460-335747-9

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Perfluoroheptanoic acid (PFHpA)	0.13	J	0.20	0.10	ug/Kg	1	☼	1633A	Total/NA
Perfluorooctanoic acid (PFOA)	0.24		0.20	0.060	ug/Kg	1	☼	1633A	Total/NA
Perfluorononanoic acid (PFNA)	1.63		0.20	0.10	ug/Kg	1	☼	1633A	Total/NA
Perfluorodecanoic acid (PFDA)	10.7		0.20	0.060	ug/Kg	1	☼	1633A	Total/NA
Perfluoroundecanoic acid (PFUnA)	3.71		0.20	0.10	ug/Kg	1	☼	1633A	Total/NA
Perfluorododecanoic acid (PFDoA)	0.50		0.20	0.10	ug/Kg	1	☼	1633A	Total/NA
Perfluorotridecanoic acid (PFTrDA)	2.99		0.20	0.10	ug/Kg	1	☼	1633A	Total/NA
Perfluorotetradecanoic acid (PFTeDA)	0.11	J	0.20	0.10	ug/Kg	1	☼	1633A	Total/NA
Perfluorooctanesulfonic acid (PFOS)	0.11	J	0.20	0.10	ug/Kg	1	☼	1633A	Total/NA
1H,1H,2H,2H-Perfluorodecane sulfonic acid (8:2 FTS)	0.84		0.40	0.20	ug/Kg	1	☼	1633A	Total/NA
3-Perfluoroheptylpropanoic acid (7:3 FTCA)	0.52	J	1.0	0.50	ug/Kg	1	☼	1633A	Total/NA
Aluminum	5330		22.3	6.1	mg/Kg	1	☼	6020B	Total/NA
Antimony	0.26	J	1.1	0.16	mg/Kg	1	☼	6020B	Total/NA
Arsenic	5.3		1.1	0.11	mg/Kg	1	☼	6020B	Total/NA
Barium	32.8		2.2	0.16	mg/Kg	1	☼	6020B	Total/NA

This Detection Summary does not include radiochemical test results.

Client Sample ID: 54A_0-4 (Continued)

Lab Sample ID: 460-335747-9

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Beryllium	0.39	J	0.45	0.024	mg/Kg	1	☼	6020B	Total/NA
Calcium	604		111	10.8	mg/Kg	1	☼	6020B	Total/NA
Chromium	11.3		2.2	0.33	mg/Kg	1	☼	6020B	Total/NA
Cobalt	4.6		1.1	0.16	mg/Kg	1	☼	6020B	Total/NA
Copper	23.0		2.2	0.41	mg/Kg	1	☼	6020B	Total/NA
Iron	15000		66.8	8.5	mg/Kg	1	☼	6020B	Total/NA
Lead	24.5		0.67	0.22	mg/Kg	1	☼	6020B	Total/NA
Magnesium	1400		111	11.3	mg/Kg	1	☼	6020B	Total/NA
Manganese	164		4.5	0.45	mg/Kg	1	☼	6020B	Total/NA
Nickel	13.7		2.2	0.20	mg/Kg	1	☼	6020B	Total/NA
Potassium	703		111	18.0	mg/Kg	1	☼	6020B	Total/NA
Selenium	0.29	J	1.4	0.14	mg/Kg	1	☼	6020B	Total/NA
Sodium	52.2	J	111	50.8	mg/Kg	1	☼	6020B	Total/NA
Thallium	0.050	J	0.45	0.046	mg/Kg	1	☼	6020B	Total/NA
Vanadium	17.9		2.2	0.23	mg/Kg	1	☼	6020B	Total/NA
Zinc	33.8		8.9	1.2	mg/Kg	1	☼	6020B	Total/NA
Mercury	0.024		0.018	0.0084	mg/Kg	1	☼	7471B	Total/NA

Client Sample ID: 54A_4-8

Lab Sample ID: 460-335747-10

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Perfluoroheptanoic acid (PFHpA)	0.12	J	0.20	0.10	ug/Kg	1	☼	1633A	Total/NA
Perfluorooctanoic acid (PFOA)	0.19	J	0.20	0.060	ug/Kg	1	☼	1633A	Total/NA
Perfluorononanoic acid (PFNA)	0.59		0.20	0.10	ug/Kg	1	☼	1633A	Total/NA
Perfluorodecanoic acid (PFDA)	0.93		0.20	0.060	ug/Kg	1	☼	1633A	Total/NA
Perfluoroundecanoic acid (PFUnA)	5.00		0.20	0.10	ug/Kg	1	☼	1633A	Total/NA
Perfluorododecanoic acid (PFDoA)	1.50		0.20	0.10	ug/Kg	1	☼	1633A	Total/NA
Perfluorotridecanoic acid (PFTrDA)	8.74		0.20	0.10	ug/Kg	1	☼	1633A	Total/NA
Perfluorotetradecanoic acid (PFTeDA)	0.45		0.20	0.10	ug/Kg	1	☼	1633A	Total/NA
1H,1H,2H,2H-Perfluorooctane sulfonic acid (6:2 FTS)	0.44		0.40	0.20	ug/Kg	1	☼	1633A	Total/NA
1H,1H,2H,2H-Perfluorodecane sulfonic acid (8:2 FTS)	3.23		0.40	0.20	ug/Kg	1	☼	1633A	Total/NA
3-Perfluoroheptylpropanoic acid (7:3 FTCA)	0.96	J	1.00	0.50	ug/Kg	1	☼	1633A	Total/NA
Aluminum	6380		21.5	5.9	mg/Kg	1	☼	6020B	Total/NA
Antimony	0.43	J	1.1	0.16	mg/Kg	1	☼	6020B	Total/NA
Arsenic	6.7		1.1	0.11	mg/Kg	1	☼	6020B	Total/NA
Barium	37.1		2.2	0.16	mg/Kg	1	☼	6020B	Total/NA
Beryllium	0.51		0.43	0.024	mg/Kg	1	☼	6020B	Total/NA
Cadmium	0.18	J	1.1	0.12	mg/Kg	1	☼	6020B	Total/NA
Calcium	789		108	10.5	mg/Kg	1	☼	6020B	Total/NA
Chromium	14.8		2.2	0.32	mg/Kg	1	☼	6020B	Total/NA
Cobalt	5.4		1.1	0.16	mg/Kg	1	☼	6020B	Total/NA
Copper	27.6		2.2	0.40	mg/Kg	1	☼	6020B	Total/NA
Iron	18800		64.5	8.2	mg/Kg	1	☼	6020B	Total/NA
Lead	88.8		0.65	0.22	mg/Kg	1	☼	6020B	Total/NA
Magnesium	2000		108	11.0	mg/Kg	1	☼	6020B	Total/NA
Manganese	203		4.3	0.43	mg/Kg	1	☼	6020B	Total/NA
Nickel	16.6		2.2	0.19	mg/Kg	1	☼	6020B	Total/NA
Potassium	962		108	17.4	mg/Kg	1	☼	6020B	Total/NA
Selenium	0.16	J	1.3	0.14	mg/Kg	1	☼	6020B	Total/NA

This Detection Summary does not include radiochemical test results.

Client Sample ID: 54A_4-8 (Continued) — Lab Sample ID: 460-335747-10

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Silver	0.14	J	0.43	0.096	mg/Kg	1	☼	6020B	Total/NA
Sodium	63.6	J	108	49.1	mg/Kg	1	☼	6020B	Total/NA
Thallium	0.082	J	0.43	0.044	mg/Kg	1	☼	6020B	Total/NA
Vanadium	22.6		2.2	0.22	mg/Kg	1	☼	6020B	Total/NA
Zinc	74.0		8.6	1.2	mg/Kg	1	☼	6020B	Total/NA
Mercury	0.027		0.020	0.0092	mg/Kg	1	☼	7471B	Total/NA

Client Sample ID: 54B_0-4 — Lab Sample ID: 460-335747-11

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Aroclor 1260	0.056	J	0.076	0.020	mg/Kg	1	☼	8082A	Total/NA
Polychlorinated biphenyls, Total	0.056	J	0.076	0.020	mg/Kg	1	☼	8082A	Total/NA
Perfluoropentanoic acid (PFPeA)	0.18	J	0.20	0.10	ug/Kg	1	☼	1633A	Total/NA
Perfluorohexanoic acid (PFHxA)	0.15	J	0.20	0.10	ug/Kg	1	☼	1633A	Total/NA
Perfluoroheptanoic acid (PFHpA)	0.21		0.20	0.10	ug/Kg	1	☼	1633A	Total/NA
Perfluorooctanoic acid (PFOA)	0.15	J	0.20	0.060	ug/Kg	1	☼	1633A	Total/NA
Perfluorononanoic acid (PFNA)	0.39		0.20	0.10	ug/Kg	1	☼	1633A	Total/NA
Perfluorodecanoic acid (PFDA)	0.62		0.20	0.060	ug/Kg	1	☼	1633A	Total/NA
Perfluoroundecanoic acid (PFUnA)	9.36		0.20	0.10	ug/Kg	1	☼	1633A	Total/NA
Perfluorododecanoic acid (PFDoA)	0.54		0.20	0.10	ug/Kg	1	☼	1633A	Total/NA
Perfluorotridecanoic acid (PFTrDA)	2.58		0.20	0.10	ug/Kg	1	☼	1633A	Total/NA
1H,1H,2H,2H-Perfluorodecane sulfonic acid (8:2 FTS)	1.22		0.40	0.20	ug/Kg	1	☼	1633A	Total/NA
Aluminum	7820		20.7	5.7	mg/Kg	1	☼	6020B	Total/NA
Antimony	1.1		1.0	0.15	mg/Kg	1	☼	6020B	Total/NA
Arsenic	9.2		1.0	0.11	mg/Kg	1	☼	6020B	Total/NA
Barium	77.6		2.1	0.15	mg/Kg	1	☼	6020B	Total/NA
Beryllium	1.3		0.41	0.023	mg/Kg	1	☼	6020B	Total/NA
Cadmium	1.1		1.0	0.12	mg/Kg	1	☼	6020B	Total/NA
Calcium	2270		103	10.0	mg/Kg	1	☼	6020B	Total/NA
Chromium	35.2		2.1	0.31	mg/Kg	1	☼	6020B	Total/NA
Cobalt	9.0		1.0	0.15	mg/Kg	1	☼	6020B	Total/NA
Copper	92.9		2.1	0.38	mg/Kg	1	☼	6020B	Total/NA
Iron	21700		62.0	7.9	mg/Kg	1	☼	6020B	Total/NA
Lead	309		0.62	0.21	mg/Kg	1	☼	6020B	Total/NA
Magnesium	2450		103	10.5	mg/Kg	1	☼	6020B	Total/NA
Manganese	197		4.1	0.42	mg/Kg	1	☼	6020B	Total/NA
Nickel	34.4		2.1	0.18	mg/Kg	1	☼	6020B	Total/NA
Potassium	1070		103	16.7	mg/Kg	1	☼	6020B	Total/NA
Selenium	0.43	J	1.3	0.13	mg/Kg	1	☼	6020B	Total/NA
Silver	0.37	J	0.41	0.092	mg/Kg	1	☼	6020B	Total/NA
Sodium	364		103	47.2	mg/Kg	1	☼	6020B	Total/NA
Thallium	0.091	J	0.41	0.042	mg/Kg	1	☼	6020B	Total/NA
Vanadium	29.2		2.1	0.21	mg/Kg	1	☼	6020B	Total/NA
Zinc	4530		826	113	mg/Kg	100	☼	6020B	Total/NA
Mercury	0.040		0.018	0.0084	mg/Kg	1	☼	7471B	Total/NA

Client Sample ID: 54B_4-8 — Lab Sample ID: 460-335747-12

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Di-n-butyl phthalate	0.015	J	0.38	0.015	mg/Kg	1	☼	8270E	Total/NA
4,4'-DDT	0.0053	J	0.0078	0.0014	mg/Kg	1	☼	8081B	Total/NA

This Detection Summary does not include radiochemical test results.

Client Sample ID: 54B_4-8 (Continued)

Lab Sample ID: 460-335747-12

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Perfluoropentanoic acid (PFPeA)	0.10	J	0.20	0.10	ug/Kg	1	☼	1633A	Total/NA
Perfluorohexanoic acid (PFHxA)	0.11	J	0.20	0.10	ug/Kg	1	☼	1633A	Total/NA
Perfluoroheptanoic acid (PFHpA)	0.10	J	0.20	0.10	ug/Kg	1	☼	1633A	Total/NA
Perfluorooctanoic acid (PFOA)	0.16	J	0.20	0.060	ug/Kg	1	☼	1633A	Total/NA
Perfluorononanoic acid (PFNA)	0.77		0.20	0.10	ug/Kg	1	☼	1633A	Total/NA
Perfluorodecanoic acid (PFDA)	0.47		0.20	0.060	ug/Kg	1	☼	1633A	Total/NA
Perfluoroundecanoic acid (PFUnA)	6.44		0.20	0.10	ug/Kg	1	☼	1633A	Total/NA
Perfluorododecanoic acid (PFDoA)	0.82		0.20	0.10	ug/Kg	1	☼	1633A	Total/NA
Perfluorotridecanoic acid (PFTrDA)	5.22		0.20	0.10	ug/Kg	1	☼	1633A	Total/NA
Perfluorotetradecanoic acid (PFTeDA)	0.24		0.20	0.10	ug/Kg	1	☼	1633A	Total/NA
1H,1H,2H,2H-Perfluorooctane sulfonic acid (6:2 FTS)	0.55		0.40	0.20	ug/Kg	1	☼	1633A	Total/NA
1H,1H,2H,2H-Perfluorodecane sulfonic acid (8:2 FTS)	2.58		0.40	0.20	ug/Kg	1	☼	1633A	Total/NA
3-Perfluoroheptylpropanoic acid (7:3 FTCA)	0.86	J	1.0	0.50	ug/Kg	1	☼	1633A	Total/NA
Aluminum	5650		22.0	6.0	mg/Kg	1	☼	6020B	Total/NA
Antimony	1.1		1.1	0.16	mg/Kg	1	☼	6020B	Total/NA
Arsenic	8.7		1.1	0.11	mg/Kg	1	☼	6020B	Total/NA
Barium	47.8		2.2	0.16	mg/Kg	1	☼	6020B	Total/NA
Beryllium	0.50		0.44	0.024	mg/Kg	1	☼	6020B	Total/NA
Cadmium	0.28	J	1.1	0.12	mg/Kg	1	☼	6020B	Total/NA
Calcium	1090		110	10.7	mg/Kg	1	☼	6020B	Total/NA
Chromium	18.0		2.2	0.33	mg/Kg	1	☼	6020B	Total/NA
Cobalt	5.7		1.1	0.16	mg/Kg	1	☼	6020B	Total/NA
Copper	56.8		2.2	0.40	mg/Kg	1	☼	6020B	Total/NA
Iron	22200		65.9	8.4	mg/Kg	1	☼	6020B	Total/NA
Lead	167		0.66	0.22	mg/Kg	1	☼	6020B	Total/NA
Magnesium	1680		110	11.2	mg/Kg	1	☼	6020B	Total/NA
Manganese	182		4.4	0.44	mg/Kg	1	☼	6020B	Total/NA
Nickel	62.9		2.2	0.19	mg/Kg	1	☼	6020B	Total/NA
Potassium	798		110	17.8	mg/Kg	1	☼	6020B	Total/NA
Selenium	0.50	J	1.4	0.14	mg/Kg	1	☼	6020B	Total/NA
Silver	0.35	J	0.44	0.098	mg/Kg	1	☼	6020B	Total/NA
Sodium	75.8	J	110	50.2	mg/Kg	1	☼	6020B	Total/NA
Thallium	0.070	J	0.44	0.045	mg/Kg	1	☼	6020B	Total/NA
Vanadium	24.8		2.2	0.23	mg/Kg	1	☼	6020B	Total/NA
Zinc	111		8.8	1.2	mg/Kg	1	☼	6020B	Total/NA
Mercury	0.043		0.018	0.0083	mg/Kg	1	☼	7471B	Total/NA

Client Sample ID: 54C_0-4

Lab Sample ID: 460-335747-13

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
4,4'-DDT	0.0022	J	0.0073	0.0013	mg/Kg	1	☼	8081B	Total/NA
Perfluorooctanoic acid (PFOA)	0.11	J	0.20	0.060	ug/Kg	1	☼	1633A	Total/NA
Perfluorononanoic acid (PFNA)	0.27		0.20	0.10	ug/Kg	1	☼	1633A	Total/NA
Perfluorodecanoic acid (PFDA)	0.50		0.20	0.060	ug/Kg	1	☼	1633A	Total/NA
Perfluoroundecanoic acid (PFUnA)	2.94		0.20	0.10	ug/Kg	1	☼	1633A	Total/NA
Perfluorododecanoic acid (PFDoA)	0.70		0.20	0.10	ug/Kg	1	☼	1633A	Total/NA
Perfluorotridecanoic acid (PFTrDA)	2.91		0.20	0.10	ug/Kg	1	☼	1633A	Total/NA
Perfluorotetradecanoic acid (PFTeDA)	0.26		0.20	0.10	ug/Kg	1	☼	1633A	Total/NA

This Detection Summary does not include radiochemical test results.

Client Sample ID: 54C_0-4 (Continued)

Lab Sample ID: 460-335747-13

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
1H,1H,2H,2H-Perfluorooctane sulfonic acid (6:2 FTS)	0.35	J	0.40	0.20	ug/Kg	1	☼	1633A	Total/NA
1H,1H,2H,2H-Perfluorodecane sulfonic acid (8:2 FTS)	2.02		0.40	0.20	ug/Kg	1	☼	1633A	Total/NA
3-Perfluoroheptylpropanoic acid (7:3 FTCA)	0.58	J	1.0	0.50	ug/Kg	1	☼	1633A	Total/NA
Aluminum	4710		19.9	5.5	mg/Kg	1	☼	6020B	Total/NA
Antimony	0.75	J	0.99	0.15	mg/Kg	1	☼	6020B	Total/NA
Arsenic	7.1		0.99	0.10	mg/Kg	1	☼	6020B	Total/NA
Barium	38.8		2.0	0.14	mg/Kg	1	☼	6020B	Total/NA
Beryllium	0.45		0.40	0.022	mg/Kg	1	☼	6020B	Total/NA
Cadmium	0.23	J	0.99	0.11	mg/Kg	1	☼	6020B	Total/NA
Calcium	691		99.5	9.7	mg/Kg	1	☼	6020B	Total/NA
Chromium	14.1		2.0	0.30	mg/Kg	1	☼	6020B	Total/NA
Cobalt	3.9		0.99	0.15	mg/Kg	1	☼	6020B	Total/NA
Copper	35.6		2.0	0.37	mg/Kg	1	☼	6020B	Total/NA
Iron	15700		59.7	7.6	mg/Kg	1	☼	6020B	Total/NA
Lead	118		0.60	0.20	mg/Kg	1	☼	6020B	Total/NA
Magnesium	1300		99.5	10.1	mg/Kg	1	☼	6020B	Total/NA
Manganese	206		4.0	0.40	mg/Kg	1	☼	6020B	Total/NA
Nickel	12.5		2.0	0.18	mg/Kg	1	☼	6020B	Total/NA
Potassium	601		99.5	16.1	mg/Kg	1	☼	6020B	Total/NA
Selenium	0.33	J	1.2	0.13	mg/Kg	1	☼	6020B	Total/NA
Silver	0.22	J	0.40	0.089	mg/Kg	1	☼	6020B	Total/NA
Thallium	0.049	J	0.40	0.041	mg/Kg	1	☼	6020B	Total/NA
Vanadium	19.2		2.0	0.20	mg/Kg	1	☼	6020B	Total/NA
Zinc	72.7		8.0	1.1	mg/Kg	1	☼	6020B	Total/NA
Mercury	0.048		0.017	0.0080	mg/Kg	1	☼	7471B	Total/NA

Client Sample ID: 54C_4-8

Lab Sample ID: 460-335747-14

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Di-n-butyl phthalate	0.019	J	0.37	0.014	mg/Kg	1	☼	8270E	Total/NA
4,4'-DDT	0.0031	J	0.0075	0.0014	mg/Kg	1	☼	8081B	Total/NA
Perfluoroheptanoic acid (PFHpA)	0.13	J	0.20	0.099	ug/Kg	1	☼	1633A	Total/NA
Perfluorooctanoic acid (PFOA)	0.16	J	0.20	0.060	ug/Kg	1	☼	1633A	Total/NA
Perfluorononanoic acid (PFNA)	0.52		0.20	0.099	ug/Kg	1	☼	1633A	Total/NA
Perfluorodecanoic acid (PFDA)	1.19		0.20	0.060	ug/Kg	1	☼	1633A	Total/NA
Perfluoroundecanoic acid (PFUnA)	8.99		0.20	0.099	ug/Kg	1	☼	1633A	Total/NA
Perfluorododecanoic acid (PFDoA)	1.80		0.20	0.099	ug/Kg	1	☼	1633A	Total/NA
Perfluorotridecanoic acid (PFTrDA)	9.58		0.20	0.099	ug/Kg	1	☼	1633A	Total/NA
Perfluorotetradecanoic acid (PFTeDA)	0.56		0.20	0.099	ug/Kg	1	☼	1633A	Total/NA
1H,1H,2H,2H-Perfluorooctane sulfonic acid (6:2 FTS)	0.55		0.40	0.20	ug/Kg	1	☼	1633A	Total/NA
1H,1H,2H,2H-Perfluorodecane sulfonic acid (8:2 FTS)	6.79		0.40	0.20	ug/Kg	1	☼	1633A	Total/NA
3-Perfluoroheptylpropanoic acid (7:3 FTCA)	0.73	J	0.99	0.50	ug/Kg	1	☼	1633A	Total/NA
Aluminum	4880		20.7	5.7	mg/Kg	1	☼	6020B	Total/NA
Antimony	0.62	J	1.0	0.15	mg/Kg	1	☼	6020B	Total/NA
Arsenic	6.6		1.0	0.11	mg/Kg	1	☼	6020B	Total/NA
Barium	38.1		2.1	0.15	mg/Kg	1	☼	6020B	Total/NA
Beryllium	0.44		0.41	0.023	mg/Kg	1	☼	6020B	Total/NA

This Detection Summary does not include radiochemical test results.

Client Sample ID: 54C_4-8 (Continued)

Lab Sample ID: 460-335747-14

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Cadmium	0.23	J	1.0	0.12	mg/Kg	1	☼	6020B	Total/NA
Calcium	3520		103	10.1	mg/Kg	1	☼	6020B	Total/NA
Chromium	14.2		2.1	0.31	mg/Kg	1	☼	6020B	Total/NA
Cobalt	4.5		1.0	0.15	mg/Kg	1	☼	6020B	Total/NA
Copper	34.1		2.1	0.38	mg/Kg	1	☼	6020B	Total/NA
Iron	17500		62.0	7.9	mg/Kg	1	☼	6020B	Total/NA
Lead	127		0.62	0.21	mg/Kg	1	☼	6020B	Total/NA
Magnesium	3080		103	10.5	mg/Kg	1	☼	6020B	Total/NA
Manganese	233		4.1	0.42	mg/Kg	1	☼	6020B	Total/NA
Nickel	18.5		2.1	0.18	mg/Kg	1	☼	6020B	Total/NA
Potassium	681		103	16.7	mg/Kg	1	☼	6020B	Total/NA
Selenium	0.32	J	1.3	0.13	mg/Kg	1	☼	6020B	Total/NA
Silver	0.19	J	0.41	0.092	mg/Kg	1	☼	6020B	Total/NA
Sodium	53.6	J	103	47.2	mg/Kg	1	☼	6020B	Total/NA
Thallium	0.056	J	0.41	0.042	mg/Kg	1	☼	6020B	Total/NA
Vanadium	21.4		2.1	0.21	mg/Kg	1	☼	6020B	Total/NA
Zinc	70.9		8.3	1.1	mg/Kg	1	☼	6020B	Total/NA
Mercury	0.035		0.018	0.0086	mg/Kg	1	☼	7471B	Total/NA

Client Sample ID: 54D_0-4

Lab Sample ID: 460-335747-15

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Di-n-butyl phthalate	0.020	J	0.36	0.014	mg/Kg	1	☼	8270E	Total/NA
Perfluorooctanoic acid (PFOA)	0.10	J	0.20	0.060	ug/Kg	1	☼	1633A	Total/NA
Perfluorononanoic acid (PFNA)	0.29		0.20	0.10	ug/Kg	1	☼	1633A	Total/NA
Perfluorodecanoic acid (PFDA)	0.55		0.20	0.060	ug/Kg	1	☼	1633A	Total/NA
Perfluoroundecanoic acid (PFUnA)	6.12		0.20	0.10	ug/Kg	1	☼	1633A	Total/NA
Perfluorododecanoic acid (PFDoA)	0.51		0.20	0.10	ug/Kg	1	☼	1633A	Total/NA
Perfluorotridecanoic acid (PFTrDA)	2.36		0.20	0.10	ug/Kg	1	☼	1633A	Total/NA
Perfluorotetradecanoic acid (PFTeDA)	0.13	J	0.20	0.10	ug/Kg	1	☼	1633A	Total/NA
1H,1H,2H,2H-Perfluorodecane sulfonic acid (8:2 FTS)	0.48		0.40	0.20	ug/Kg	1	☼	1633A	Total/NA
Aluminum	6270		20.4	5.6	mg/Kg	1	☼	6020B	Total/NA
Antimony	0.49	J	1.0	0.15	mg/Kg	1	☼	6020B	Total/NA
Arsenic	6.3		1.0	0.10	mg/Kg	1	☼	6020B	Total/NA
Barium	41.3		2.0	0.15	mg/Kg	1	☼	6020B	Total/NA
Beryllium	0.47		0.41	0.022	mg/Kg	1	☼	6020B	Total/NA
Cadmium	0.21	J	1.0	0.12	mg/Kg	1	☼	6020B	Total/NA
Calcium	1540		102	9.9	mg/Kg	1	☼	6020B	Total/NA
Chromium	14.9		2.0	0.30	mg/Kg	1	☼	6020B	Total/NA
Cobalt	5.1		1.0	0.15	mg/Kg	1	☼	6020B	Total/NA
Copper	26.8		2.0	0.37	mg/Kg	1	☼	6020B	Total/NA
Iron	17600		61.1	7.8	mg/Kg	1	☼	6020B	Total/NA
Lead	86.6		0.61	0.20	mg/Kg	1	☼	6020B	Total/NA
Magnesium	2330		102	10.4	mg/Kg	1	☼	6020B	Total/NA
Manganese	189		4.1	0.41	mg/Kg	1	☼	6020B	Total/NA
Nickel	11.2		2.0	0.18	mg/Kg	1	☼	6020B	Total/NA
Potassium	904		102	16.5	mg/Kg	1	☼	6020B	Total/NA
Selenium	0.18	J	1.3	0.13	mg/Kg	1	☼	6020B	Total/NA
Silver	0.15	J	0.41	0.091	mg/Kg	1	☼	6020B	Total/NA
Sodium	71.7	J	102	46.5	mg/Kg	1	☼	6020B	Total/NA
Thallium	0.063	J	0.41	0.042	mg/Kg	1	☼	6020B	Total/NA

This Detection Summary does not include radiochemical test results.

Client Sample ID: 54D_0-4 (Continued) — Lab Sample ID: 460-335747-15

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Vanadium	22.2		2.0	0.21	mg/Kg	1	☼	6020B	Total/NA
Zinc	99.4		8.1	1.1	mg/Kg	1	☼	6020B	Total/NA
Mercury	0.036		0.018	0.0083	mg/Kg	1	☼	7471B	Total/NA

Client Sample ID: 54D_4-8 — Lab Sample ID: 460-335747-16

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Perfluoroheptanoic acid (PFHpA)	0.12	J	0.20	0.099	ug/Kg	1	☼	1633A	Total/NA
Perfluorooctanoic acid (PFOA)	0.18	J	0.20	0.059	ug/Kg	1	☼	1633A	Total/NA
Perfluorononanoic acid (PFNA)	0.57		0.20	0.099	ug/Kg	1	☼	1633A	Total/NA
Perfluorodecanoic acid (PFDA)	1.71		0.20	0.059	ug/Kg	1	☼	1633A	Total/NA
Perfluoroundecanoic acid (PFUnA)	11.7		0.20	0.099	ug/Kg	1	☼	1633A	Total/NA
Perfluorododecanoic acid (PFDoA)	1.00		0.20	0.099	ug/Kg	1	☼	1633A	Total/NA
Perfluorotridecanoic acid (PFTrDA)	4.15		0.20	0.099	ug/Kg	1	☼	1633A	Total/NA
Perfluorotetradecanoic acid (PFTeDA)	0.16	J	0.20	0.099	ug/Kg	1	☼	1633A	Total/NA
1H,1H,2H,2H-Perfluorooctane sulfonic acid (6:2 FTS)	0.21	J	0.40	0.20	ug/Kg	1	☼	1633A	Total/NA
1H,1H,2H,2H-Perfluorodecane sulfonic acid (8:2 FTS)	1.57		0.40	0.20	ug/Kg	1	☼	1633A	Total/NA
Aluminum	7600		21.8	6.0	mg/Kg	1	☼	6020B	Total/NA
Antimony	0.52	J	1.1	0.16	mg/Kg	1	☼	6020B	Total/NA
Arsenic	7.5		1.1	0.11	mg/Kg	1	☼	6020B	Total/NA
Barium	42.0		2.2	0.16	mg/Kg	1	☼	6020B	Total/NA
Beryllium	0.55		0.44	0.024	mg/Kg	1	☼	6020B	Total/NA
Cadmium	0.20	J	1.1	0.12	mg/Kg	1	☼	6020B	Total/NA
Calcium	3310		109	10.6	mg/Kg	1	☼	6020B	Total/NA
Chromium	17.0		2.2	0.32	mg/Kg	1	☼	6020B	Total/NA
Cobalt	5.9		1.1	0.16	mg/Kg	1	☼	6020B	Total/NA
Copper	34.2		2.2	0.40	mg/Kg	1	☼	6020B	Total/NA
Iron	19500		65.4	8.3	mg/Kg	1	☼	6020B	Total/NA
Lead	91.1		0.65	0.22	mg/Kg	1	☼	6020B	Total/NA
Magnesium	3940		109	11.1	mg/Kg	1	☼	6020B	Total/NA
Manganese	217		4.4	0.44	mg/Kg	1	☼	6020B	Total/NA
Nickel	13.6		2.2	0.19	mg/Kg	1	☼	6020B	Total/NA
Potassium	1020		109	17.7	mg/Kg	1	☼	6020B	Total/NA
Selenium	0.21	J	1.4	0.14	mg/Kg	1	☼	6020B	Total/NA
Silver	0.26	J	0.44	0.097	mg/Kg	1	☼	6020B	Total/NA
Sodium	74.1	J	109	49.8	mg/Kg	1	☼	6020B	Total/NA
Thallium	0.084	J	0.44	0.045	mg/Kg	1	☼	6020B	Total/NA
Vanadium	25.9		2.2	0.22	mg/Kg	1	☼	6020B	Total/NA
Zinc	75.8		8.7	1.2	mg/Kg	1	☼	6020B	Total/NA
Mercury	0.032		0.019	0.0092	mg/Kg	1	☼	7471B	Total/NA

Client Sample ID: 53A1_7-8 — Lab Sample ID: 460-335747-17

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Methylene Chloride	0.0020		0.0019	0.0011	mg/Kg	1	☼	8260D	Total/NA

Client Sample ID: 53A2_9-10 — Lab Sample ID: 460-335747-18

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Methylene Chloride	0.0014	J	0.0017	0.00098	mg/Kg	1	☼	8260D	Total/NA

This Detection Summary does not include radiochemical test results.

Detection Summary

Client: Haley & Aldrich, Inc.
Project/Site: Former Port Mobil

Job ID: 460-335747-1

Client Sample ID: 53A1_8-9 — Lab Sample ID: 460-335747-19

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Methylene Chloride	0.0016	J	0.0018	0.0010	mg/Kg	1	☼	8260D	Total/NA

Client Sample ID: 53A2_5-6 — Lab Sample ID: 460-335747-20

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Methylene Chloride	0.0029	J	0.0030	0.0017	mg/Kg	1	☼	8260D	Total/NA

Client Sample ID: 53A1_4-5 — Lab Sample ID: 460-335747-21

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Methylene Chloride	0.0029		0.0021	0.0012	mg/Kg	1	☼	8260D	Total/NA

Client Sample ID: 53A3_0-1 — Lab Sample ID: 460-335747-22

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Methylene Chloride	0.0032		0.0024	0.0014	mg/Kg	1	☼	8260D	Total/NA

Client Sample ID: 53A1_2-3 — Lab Sample ID: 460-335747-23

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Methylene Chloride	0.0028		0.0021	0.0012	mg/Kg	1	☼	8260D	Total/NA

Client Sample ID: 53B2_4-5 — Lab Sample ID: 460-335747-24

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Acetone	0.0080		0.0061	0.0059	mg/Kg	1	☼	8260D	Total/NA
Methylene Chloride	0.0032		0.0020	0.0012	mg/Kg	1	☼	8260D	Total/NA

Client Sample ID: 53B1_5-6 — Lab Sample ID: 460-335747-25

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Methylene Chloride	0.0020	J	0.0021	0.0012	mg/Kg	1	☼	8260D	Total/NA

Client Sample ID: 53B1_7-8 — Lab Sample ID: 460-335747-26

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Methylene Chloride	0.0026		0.0024	0.0014	mg/Kg	1	☼	8260D	Total/NA

Client Sample ID: 53B3_9-10 — Lab Sample ID: 460-335747-27

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Methylene Chloride	0.0021	J	0.0022	0.0013	mg/Kg	1	☼	8260D	Total/NA

Client Sample ID: 53B1_2-3 — Lab Sample ID: 460-335747-28

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Methylene Chloride	0.0027		0.0021	0.0012	mg/Kg	1	☼	8260D	Total/NA

Client Sample ID: 53B3_1-2 — Lab Sample ID: 460-335747-29

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Methylene Chloride	0.0013	J	0.0022	0.0013	mg/Kg	1	☼	8260D	Total/NA

This Detection Summary does not include radiochemical test results.

Detection Summary

Client: Haley & Aldrich, Inc.
Project/Site: Former Port Mobil

Job ID: 460-335747-1

Client Sample ID: 53B2_6-7 — Lab Sample ID: 460-335747-30

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Methylene Chloride	0.0030		0.0018	0.0010	mg/Kg	1	☼	8260D	Total/NA

Client Sample ID: 53C1_1-2 — Lab Sample ID: 460-335747-31

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Methylene Chloride	0.0040		0.0022	0.0012	mg/Kg	1	☼	8260D	Total/NA

Client Sample ID: 53C1_9-10 — Lab Sample ID: 460-335747-32

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Methylene Chloride	0.0015	J	0.0022	0.0012	mg/Kg	1	☼	8260D	Total/NA

Client Sample ID: 53C3_2-3 — Lab Sample ID: 460-335747-33

No Detections.

Client Sample ID: 53C2_5-6 — Lab Sample ID: 460-335747-34

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Methylene Chloride	0.0026		0.0026	0.0015	mg/Kg	1	☼	8260D	Total/NA

Client Sample ID: 53C2_4-5 — Lab Sample ID: 460-335747-35

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Methylene Chloride	0.0028		0.0021	0.0012	mg/Kg	1	☼	8260D	Total/NA

Client Sample ID: 53C3_8-9 — Lab Sample ID: 460-335747-36

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Methylene Chloride	0.0038		0.0023	0.0013	mg/Kg	1	☼	8260D	Total/NA

Client Sample ID: 53C1_7-8 — Lab Sample ID: 460-335747-37

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Methylene Chloride	0.0036		0.0021	0.0012	mg/Kg	1	☼	8260D	Total/NA

Client Sample ID: 54D3_1-2 — Lab Sample ID: 460-335747-38

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Methylene Chloride	0.0032		0.0021	0.0012	mg/Kg	1	☼	8260D	Total/NA

Client Sample ID: 54D3_2-3 — Lab Sample ID: 460-335747-39

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Acetone	0.0079		0.0057	0.0054	mg/Kg	1	☼	8260D	Total/NA
Methylene Chloride	0.0035		0.0019	0.0011	mg/Kg	1	☼	8260D	Total/NA

Client Sample ID: 54D1_0-1 — Lab Sample ID: 460-335747-40

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Methylene Chloride	0.0021		0.0019	0.0011	mg/Kg	1	☼	8260D	Total/NA

Client Sample ID: 54C1_4-5 — Lab Sample ID: 460-335747-41

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Methylene Chloride	0.0027		0.0021	0.0012	mg/Kg	1	☼	8260D	Total/NA

This Detection Summary does not include radiochemical test results.

Detection Summary

Client: Haley & Aldrich, Inc.
Project/Site: Former Port Mobil

Job ID: 460-335747-1

Client Sample ID: 54C3_1-2 — Lab Sample ID: 460-335747-42

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Methylene Chloride	0.0032		0.0020	0.0012	mg/Kg	1	☼	8260D	Total/NA

Client Sample ID: 54C3_5-6 — Lab Sample ID: 460-335747-43

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Methylene Chloride	0.0021		0.0018	0.0010	mg/Kg	1	☼	8260D	Total/NA

Client Sample ID: 54C1_7-8 — Lab Sample ID: 460-335747-44

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Methylene Chloride	0.0025		0.0017	0.0010	mg/Kg	1	☼	8260D	Total/NA

Client Sample ID: 54C2_2-3 — Lab Sample ID: 460-335747-45

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Methylene Chloride	0.0032		0.0018	0.0010	mg/Kg	1	☼	8260D	Total/NA

Client Sample ID: 54C1_3-4 — Lab Sample ID: 460-335747-46

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Methylene Chloride	0.0031		0.0017	0.00099	mg/Kg	1	☼	8260D	Total/NA

Client Sample ID: 54C2_6-7 — Lab Sample ID: 460-335747-47

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Acetone	0.0040		0.0023	0.0022	mg/Kg	1	☼	8260D	Total/NA
Methylene Chloride	0.0063		0.00075	0.00043	mg/Kg	1	☼	8260D	Total/NA

Client Sample ID: 54B2_4-5 — Lab Sample ID: 460-335747-48

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Methylene Chloride	0.0024		0.0019	0.0011	mg/Kg	1	☼	8260D	Total/NA

Client Sample ID: 53D3_7-8 — Lab Sample ID: 460-335747-49

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Methylene Chloride	0.0042		0.0032	0.0019	mg/Kg	1	☼	8260D	Total/NA

Client Sample ID: 53D1_0-1 — Lab Sample ID: 460-335747-50

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Methylene Chloride	0.0017	J	0.0021	0.0012	mg/Kg	1	☼	8260D	Total/NA

Client Sample ID: 53D2_3-4 — Lab Sample ID: 460-335747-51

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Methylene Chloride	0.0031		0.0027	0.0016	mg/Kg	1	☼	8260D	Total/NA

Client Sample ID: 53D3_2-3 — Lab Sample ID: 460-335747-52

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Methylene Chloride	0.0041		0.0023	0.0013	mg/Kg	1	☼	8260D	Total/NA

This Detection Summary does not include radiochemical test results.

Detection Summary

Client: Haley & Aldrich, Inc.
Project/Site: Former Port Mobil

Job ID: 460-335747-1

Client Sample ID: 53D2_4-5 — Lab Sample ID: 460-335747-53

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Methylene Chloride	0.0032		0.0023	0.0013	mg/Kg	1	☼	8260D	Total/NA

Client Sample ID: 53D1_5-6 — Lab Sample ID: 460-335747-54

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Methylene Chloride	0.0036		0.0030	0.0017	mg/Kg	1	☼	8260D	Total/NA

Client Sample ID: 53D1_6-7 — Lab Sample ID: 460-335747-55

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Acetone	0.0068		0.0062	0.0060	mg/Kg	1	☼	8260D	Total/NA
Methylene Chloride	0.0032		0.0021	0.0012	mg/Kg	1	☼	8260D	Total/NA

Client Sample ID: 54D2_4-5 — Lab Sample ID: 460-335747-56

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Methylene Chloride	0.0023		0.0020	0.0012	mg/Kg	1	☼	8260D	Total/NA

Client Sample ID: 54D1_6-7 — Lab Sample ID: 460-335747-57

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Methylene Chloride	0.0016	J	0.0019	0.0011	mg/Kg	1	☼	8260D	Total/NA

Client Sample ID: 54D1_5-6 — Lab Sample ID: 460-335747-58

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Methylene Chloride	0.0023		0.0020	0.0011	mg/Kg	1	☼	8260D	Total/NA

Client Sample ID: 54D2_3-4 — Lab Sample ID: 460-335747-59

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Methylene Chloride	0.0034		0.0020	0.0012	mg/Kg	1	☼	8260D	Total/NA

Client Sample ID: 54B3_5-6 — Lab Sample ID: 460-335747-60

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Methylene Chloride	0.0028		0.0018	0.0010	mg/Kg	1	☼	8260D	Total/NA

Client Sample ID: 54B3_6-7 — Lab Sample ID: 460-335747-61

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Methylene Chloride	0.0026		0.0018	0.0010	mg/Kg	1	☼	8260D	Total/NA

Client Sample ID: 54B1_0-1 — Lab Sample ID: 460-335747-62

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Methylene Chloride	0.0023		0.0017	0.0010	mg/Kg	1	☼	8260D	Total/NA

Client Sample ID: 54B2_7-8 — Lab Sample ID: 460-335747-63

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Methylene Chloride	0.0010	J	0.0018	0.0010	mg/Kg	1	☼	8260D	Total/NA

This Detection Summary does not include radiochemical test results.

Detection Summary

Client: Haley & Aldrich, Inc.
Project/Site: Former Port Mobil

Job ID: 460-335747-1

Client Sample ID: 54B1_2-3 — Lab Sample ID: 460-335747-64

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Methylene Chloride	0.0013	J	0.0016	0.00092	mg/Kg	1	☼	8260D	Total/NA

Client Sample ID: 54B2_3-4 — Lab Sample ID: 460-335747-65

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Methylene Chloride	0.0030		0.0018	0.0011	mg/Kg	1	☼	8260D	Total/NA

Client Sample ID: 54A1_0-1 — Lab Sample ID: 460-335747-66

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Methylene Chloride	0.0025		0.0016	0.00092	mg/Kg	1	☼	8260D	Total/NA

Client Sample ID: 54A3_5-6 — Lab Sample ID: 460-335747-67

No Detections.

Client Sample ID: 54A1_7-8 — Lab Sample ID: 460-335747-68

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Methylene Chloride	0.0022		0.0016	0.00091	mg/Kg	1	☼	8260D	Total/NA

Client Sample ID: 54A3_2-3 — Lab Sample ID: 460-335747-69

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Methylene Chloride	0.0014	J	0.0019	0.0011	mg/Kg	1	☼	8260D	Total/NA

Client Sample ID: 54A2_1-2 — Lab Sample ID: 460-335747-70

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Methylene Chloride	0.0027		0.0020	0.0011	mg/Kg	1	☼	8260D	Total/NA

Client Sample ID: 54A1_4-5 — Lab Sample ID: 460-335747-71

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Methylene Chloride	0.00069	J	0.00085	0.00049	mg/Kg	1	☼	8260D	Total/NA

Client Sample ID: 54A2_6-7 — Lab Sample ID: 460-335747-72

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Methylene Chloride	0.0026		0.0017	0.00098	mg/Kg	1	☼	8260D	Total/NA

This Detection Summary does not include radiochemical test results.

Client: Haley & Aldrich, Inc.
Project/Site: Former Port Mobil

Job ID: 460-335747-1

Client Sample ID: 53A_0-5
Date Collected: 09/25/25 08:00
Date Received: 09/25/25 16:10

Lab Sample ID: 460-335747-1
Matrix: Solid
Percent Solids: 92.3

Method: SW846 8270E - Semivolatile Organic Compounds (GC/MS)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1'-Biphenyl	0.36	U	0.36	0.012	mg/Kg	☼	09/27/25 15:54	09/28/25 12:41	1
1,2,4,5-Tetrachlorobenzene	0.36	U	0.36	0.011	mg/Kg	☼	09/27/25 15:54	09/28/25 12:41	1
1,4-Dioxane	0.036	U	0.036	0.031	mg/Kg	☼	09/27/25 15:54	09/28/25 12:41	1
2,2'-oxybis[1-chloropropane]	0.36	U	0.36	0.021	mg/Kg	☼	09/27/25 15:54	09/28/25 12:41	1
2,3,4,6-Tetrachlorophenol	0.36	U	0.36	0.024	mg/Kg	☼	09/27/25 15:54	09/28/25 12:41	1
2,4,5-Trichlorophenol	0.36	U	0.36	0.036	mg/Kg	☼	09/27/25 15:54	09/28/25 12:41	1
2,4,6-Trichlorophenol	0.14	U	0.14	0.046	mg/Kg	☼	09/27/25 15:54	09/28/25 12:41	1
2,4-Dichlorophenol	0.14	U	0.14	0.023	mg/Kg	☼	09/27/25 15:54	09/28/25 12:41	1
2,4-Dimethylphenol	0.36	U	0.36	0.043	mg/Kg	☼	09/27/25 15:54	09/28/25 12:41	1
2,4-Dinitrophenol	0.29	U	0.29	0.18	mg/Kg	☼	09/27/25 15:54	09/28/25 12:41	1
2,4-Dinitrotoluene	0.072	U	0.072	0.038	mg/Kg	☼	09/27/25 15:54	09/28/25 12:41	1
2,6-Dinitrotoluene	0.072	U	0.072	0.026	mg/Kg	☼	09/27/25 15:54	09/28/25 12:41	1
2-Chloronaphthalene	0.36	U	0.36	0.046	mg/Kg	☼	09/27/25 15:54	09/28/25 12:41	1
2-Chlorophenol	0.36	U	0.36	0.013	mg/Kg	☼	09/27/25 15:54	09/28/25 12:41	1
2-Methylnaphthalene	0.36	U	0.36	0.010	mg/Kg	☼	09/27/25 15:54	09/28/25 12:41	1
2-Methylphenol	0.36	U	0.36	0.013	mg/Kg	☼	09/27/25 15:54	09/28/25 12:41	1
2-Nitroaniline	0.36	U	0.36	0.027	mg/Kg	☼	09/27/25 15:54	09/28/25 12:41	1
2-Nitrophenol	0.36	U	0.36	0.036	mg/Kg	☼	09/27/25 15:54	09/28/25 12:41	1
3 & 4 Methylphenol	0.36	U	0.36	0.022	mg/Kg	☼	09/27/25 15:54	09/28/25 12:41	1
3,3'-Dichlorobenzidine	0.14	U	0.14	0.054	mg/Kg	☼	09/27/25 15:54	09/28/25 12:41	1
3-Nitroaniline	0.36	U	0.36	0.085	mg/Kg	☼	09/27/25 15:54	09/28/25 12:41	1
4,6-Dinitro-2-methylphenol	0.29	U	0.29	0.15	mg/Kg	☼	09/27/25 15:54	09/28/25 12:41	1
4-Bromophenyl phenyl ether	0.36	U	0.36	0.014	mg/Kg	☼	09/27/25 15:54	09/28/25 12:41	1
4-Chloro-3-methylphenol	0.36	U	0.36	0.020	mg/Kg	☼	09/27/25 15:54	09/28/25 12:41	1
4-Chloroaniline	0.36	U	0.36	0.063	mg/Kg	☼	09/27/25 15:54	09/28/25 12:41	1
4-Chlorophenyl phenyl ether	0.36	U	0.36	0.013	mg/Kg	☼	09/27/25 15:54	09/28/25 12:41	1
4-Methylphenol	0.36	U	0.36	0.022	mg/Kg	☼	09/27/25 15:54	09/28/25 12:41	1
4-Nitroaniline	0.36	U	0.36	0.091	mg/Kg	☼	09/27/25 15:54	09/28/25 12:41	1
4-Nitrophenol	0.72	U	0.72	0.058	mg/Kg	☼	09/27/25 15:54	09/28/25 12:41	1
Acenaphthene	0.36	U	0.36	0.010	mg/Kg	☼	09/27/25 15:54	09/28/25 12:41	1
Acenaphthylene	0.36	U	0.36	0.010	mg/Kg	☼	09/27/25 15:54	09/28/25 12:41	1
Acetophenone	0.36	U	0.36	0.018	mg/Kg	☼	09/27/25 15:54	09/28/25 12:41	1
Anthracene	0.36	U	0.36	0.011	mg/Kg	☼	09/27/25 15:54	09/28/25 12:41	1
Atrazine	0.14	U *	0.14	0.021	mg/Kg	☼	09/27/25 15:54	09/28/25 12:41	1
Benzaldehyde	0.36	U	0.36	0.059	mg/Kg	☼	09/27/25 15:54	09/28/25 12:41	1
Benzo[a]anthracene	0.036	U	0.036	0.027	mg/Kg	☼	09/27/25 15:54	09/28/25 12:41	1
Benzo[a]pyrene	0.036	U	0.036	0.0095	mg/Kg	☼	09/27/25 15:54	09/28/25 12:41	1
Benzo[b]fluoranthene	0.036	U	0.036	0.0092	mg/Kg	☼	09/27/25 15:54	09/28/25 12:41	1
Benzo[g,h,i]perylene	0.36	U	0.36	0.011	mg/Kg	☼	09/27/25 15:54	09/28/25 12:41	1
Benzo[k]fluoranthene	0.036	U	0.036	0.0070	mg/Kg	☼	09/27/25 15:54	09/28/25 12:41	1
Bis(2-chloroethoxy)methane	0.36	U	0.36	0.066	mg/Kg	☼	09/27/25 15:54	09/28/25 12:41	1
Bis(2-chloroethyl)ether	0.036	U	0.036	0.012	mg/Kg	☼	09/27/25 15:54	09/28/25 12:41	1
Bis(2-ethylhexyl) phthalate	0.36	U	0.36	0.019	mg/Kg	☼	09/27/25 15:54	09/28/25 12:41	1
Butyl benzyl phthalate	0.36	U	0.36	0.017	mg/Kg	☼	09/27/25 15:54	09/28/25 12:41	1
Caprolactam	0.36	U *	0.36	0.056	mg/Kg	☼	09/27/25 15:54	09/28/25 12:41	1
Carbazole	0.36	U	0.36	0.014	mg/Kg	☼	09/27/25 15:54	09/28/25 12:41	1
Chrysene	0.36	U	0.36	0.015	mg/Kg	☼	09/27/25 15:54	09/28/25 12:41	1
Dibenz(a,h)anthracene	0.036	U	0.036	0.015	mg/Kg	☼	09/27/25 15:54	09/28/25 12:41	1
Dibenzofuran	0.36	U	0.36	0.012	mg/Kg	☼	09/27/25 15:54	09/28/25 12:41	1

Client Sample ID: 53A_0-5

Date Collected: 09/25/25 08:00
Date Received: 09/25/25 16:10

Lab Sample ID: 460-335747-1

Matrix: Solid
Percent Solids: 92.3

Method: SW846 8270E - Semivolatile Organic Compounds (GC/MS) (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Diethyl phthalate	0.36	U	0.36	0.012	mg/Kg	☼	09/27/25 15:54	09/28/25 12:41	1
Dimethyl phthalate	0.36	U	0.36	0.081	mg/Kg	☼	09/27/25 15:54	09/28/25 12:41	1
Di-n-butyl phthalate	0.36	U	0.36	0.013	mg/Kg	☼	09/27/25 15:54	09/28/25 12:41	1
Di-n-octyl phthalate	0.36	U	0.36	0.019	mg/Kg	☼	09/27/25 15:54	09/28/25 12:41	1
Fluoranthene	0.36	U	0.36	0.012	mg/Kg	☼	09/27/25 15:54	09/28/25 12:41	1
Fluorene	0.36	U	0.36	0.010	mg/Kg	☼	09/27/25 15:54	09/28/25 12:41	1
Hexachlorobenzene	0.036	U	0.036	0.017	mg/Kg	☼	09/27/25 15:54	09/28/25 12:41	1
Hexachlorobutadiene	0.072	U	0.072	0.0076	mg/Kg	☼	09/27/25 15:54	09/28/25 12:41	1
Hexachlorocyclopentadiene	0.36	U	0.36	0.031	mg/Kg	☼	09/27/25 15:54	09/28/25 12:41	1
Hexachloroethane	0.036	U	0.036	0.012	mg/Kg	☼	09/27/25 15:54	09/28/25 12:41	1
Indeno[1,2,3-cd]pyrene	0.036	U	0.036	0.014	mg/Kg	☼	09/27/25 15:54	09/28/25 12:41	1
Isophorone	0.14	U	0.14	0.10	mg/Kg	☼	09/27/25 15:54	09/28/25 12:41	1
Naphthalene	0.36	U	0.36	0.0062	mg/Kg	☼	09/27/25 15:54	09/28/25 12:41	1
Nitrobenzene	0.036	U	0.036	0.020	mg/Kg	☼	09/27/25 15:54	09/28/25 12:41	1
N-Nitrosodi-n-propylamine	0.036	U	0.036	0.026	mg/Kg	☼	09/27/25 15:54	09/28/25 12:41	1
N-Nitrosodiphenylamine	0.36	U	0.36	0.029	mg/Kg	☼	09/27/25 15:54	09/28/25 12:41	1
Pentachlorophenol	0.29	U	0.29	0.073	mg/Kg	☼	09/27/25 15:54	09/28/25 12:41	1
Phenanthrene	0.36	U	0.36	0.015	mg/Kg	☼	09/27/25 15:54	09/28/25 12:41	1
Phenol	0.36	U	0.36	0.013	mg/Kg	☼	09/27/25 15:54	09/28/25 12:41	1
Pyrene	0.36	U	0.36	0.0089	mg/Kg	☼	09/27/25 15:54	09/28/25 12:41	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
2,4,6-Tribromophenol (Surr)	*72*		*18 - 137*	*09/27/25 15:54*	*09/28/25 12:41*	*1*
2-Fluorobiphenyl	*70*		*33 - 117*	*09/27/25 15:54*	*09/28/25 12:41*	*1*
2-Fluorophenol (Surr)	*73*		*24 - 120*	*09/27/25 15:54*	*09/28/25 12:41*	*1*
Nitrobenzene-d5 (Surr)	*73*		*27 - 120*	*09/27/25 15:54*	*09/28/25 12:41*	*1*
Phenol-d5 (Surr)	*70*		*28 - 118*	*09/27/25 15:54*	*09/28/25 12:41*	*1*
Terphenyl-d14 (Surr)	*78*		*33 - 124*	*09/27/25 15:54*	*09/28/25 12:41*	*1*

Method: SW846 8081B - Organochlorine Pesticides (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
4,4'-DDD	0.0073	U	0.0073	0.0012	mg/Kg	☼	09/27/25 19:28	09/28/25 09:27	1
4,4'-DDE	0.0073	U	0.0073	0.00086	mg/Kg	☼	09/27/25 19:28	09/28/25 09:27	1
4,4'-DDT	**0.0027**	**J**	0.0073	0.0013	mg/Kg	☼	09/27/25 19:28	09/28/25 09:27	1
Aldrin	0.0073	U	0.0073	0.0011	mg/Kg	☼	09/27/25 19:28	09/28/25 09:27	1
alpha-BHC	0.0022	U	0.0022	0.00074	mg/Kg	☼	09/27/25 19:28	09/28/25 09:27	1
beta-BHC	0.0022	U	0.0022	0.00081	mg/Kg	☼	09/27/25 19:28	09/28/25 09:27	1
Chlordane (technical)	0.073	U	0.073	0.018	mg/Kg	☼	09/27/25 19:28	09/28/25 09:27	1
cis-Chlordane	0.0073	U	0.0073	0.0011	mg/Kg	☼	09/27/25 19:28	09/28/25 09:27	1
delta-BHC	0.0022	U	0.0022	0.00044	mg/Kg	☼	09/27/25 19:28	09/28/25 09:27	1
Dieldrin	0.0022	U	0.0022	0.00094	mg/Kg	☼	09/27/25 19:28	09/28/25 09:27	1
Endosulfan I	0.0073	U	0.0073	0.0011	mg/Kg	☼	09/27/25 19:28	09/28/25 09:27	1
Endosulfan II	0.0073	U	0.0073	0.0019	mg/Kg	☼	09/27/25 19:28	09/28/25 09:27	1
Endosulfan sulfate	0.0073	U	0.0073	0.00091	mg/Kg	☼	09/27/25 19:28	09/28/25 09:27	1
Endrin	0.0073	U	0.0073	0.0010	mg/Kg	☼	09/27/25 19:28	09/28/25 09:27	1
Endrin aldehyde	0.0073	U	0.0073	0.0017	mg/Kg	☼	09/27/25 19:28	09/28/25 09:27	1
Endrin ketone	0.0073	U	0.0073	0.0014	mg/Kg	☼	09/27/25 19:28	09/28/25 09:27	1
gamma-BHC (Lindane)	0.0022	U	0.0022	0.00067	mg/Kg	☼	09/27/25 19:28	09/28/25 09:27	1
Heptachlor	0.0073	U	0.0073	0.00086	mg/Kg	☼	09/27/25 19:28	09/28/25 09:27	1
Heptachlor epoxide	0.0073	U	0.0073	0.0011	mg/Kg	☼	09/27/25 19:28	09/28/25 09:27	1

Client Sample ID: 53A_0-5

Date Collected: 09/25/25 08:00
Date Received: 09/25/25 16:10

Lab Sample ID: 460-335747-1

Matrix: Solid
Percent Solids: 92.3

Method: SW846 8081B - Organochlorine Pesticides (GC) (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Methoxychlor	0.0073	U	0.0073	0.0017	mg/Kg	☼	09/27/25 19:28	09/28/25 09:27	1
Toxaphene	0.073	U	0.073	0.026	mg/Kg	☼	09/27/25 19:28	09/28/25 09:27	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
DCB Decachlorobiphenyl	*78*		*10 - 150*	*09/27/25 19:28*	*09/28/25 09:27*	*1*
DCB Decachlorobiphenyl	*95*		*10 - 150*	*09/27/25 19:28*	*09/28/25 09:27*	*1*
Tetrachloro-m-xylene	*57*		*14 - 150*	*09/27/25 19:28*	*09/28/25 09:27*	*1*
Tetrachloro-m-xylene	*53*		*14 - 150*	*09/27/25 19:28*	*09/28/25 09:27*	*1*

Method: SW846 8082A - Polychlorinated Biphenyls (PCBs) by Gas Chromatography

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Aroclor 1016	0.073	U	0.073	0.019	mg/Kg	☼	09/27/25 19:23	09/28/25 12:56	1
Aroclor 1221	0.073	U	0.073	0.019	mg/Kg	☼	09/27/25 19:23	09/28/25 12:56	1
Aroclor 1232	0.073	U	0.073	0.019	mg/Kg	☼	09/27/25 19:23	09/28/25 12:56	1
Aroclor 1242	0.073	U	0.073	0.019	mg/Kg	☼	09/27/25 19:23	09/28/25 12:56	1
Aroclor 1248	0.073	U	0.073	0.019	mg/Kg	☼	09/27/25 19:23	09/28/25 12:56	1
Aroclor 1254	0.073	U	0.073	0.019	mg/Kg	☼	09/27/25 19:23	09/28/25 12:56	1
Aroclor 1260	0.073	U	0.073	0.019	mg/Kg	☼	09/27/25 19:23	09/28/25 12:56	1
Aroclor-1262	0.073	U	0.073	0.019	mg/Kg	☼	09/27/25 19:23	09/28/25 12:56	1
Aroclor 1268	0.073	U	0.073	0.019	mg/Kg	☼	09/27/25 19:23	09/28/25 12:56	1
Polychlorinated biphenyls, Total	0.073	U	0.073	0.019	mg/Kg	☼	09/27/25 19:23	09/28/25 12:56	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
DCB Decachlorobiphenyl	*91*		*10 - 150*	*09/27/25 19:23*	*09/28/25 12:56*	*1*
DCB Decachlorobiphenyl	*96*		*10 - 150*	*09/27/25 19:23*	*09/28/25 12:56*	*1*
Tetrachloro-m-xylene	*62*		*10 - 150*	*09/27/25 19:23*	*09/28/25 12:56*	*1*
Tetrachloro-m-xylene	*64*		*10 - 150*	*09/27/25 19:23*	*09/28/25 12:56*	*1*

Method: EPA 1633A - Per- and Polyfluoroalkyl Substances by LC/MS/MS, 1633A

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Perfluorobutanoic acid (PFBA)	0.40	U	0.40	0.10	ug/Kg	☼	10/01/25 06:38	10/02/25 02:39	1
Perfluoropentanoic acid (PFPeA)	0.20	U	0.20	0.10	ug/Kg	☼	10/01/25 06:38	10/02/25 02:39	1
Perfluorohexanoic acid (PFHxA)	**0.10**	**J**	0.20	0.10	ug/Kg	☼	10/01/25 06:38	10/02/25 02:39	1
Perfluoroheptanoic acid (PFHpA)	**0.25**		0.20	0.10	ug/Kg	☼	10/01/25 06:38	10/02/25 02:39	1
Perfluorooctanoic acid (PFOA)	**0.35**		0.20	0.060	ug/Kg	☼	10/01/25 06:38	10/02/25 02:39	1
Perfluorononanoic acid (PFNA)	**1.23**		0.20	0.10	ug/Kg	☼	10/01/25 06:38	10/02/25 02:39	1
Perfluorodecanoic acid (PFDA)	**1.03**		0.20	0.060	ug/Kg	☼	10/01/25 06:38	10/02/25 02:39	1
Perfluoroundecanoic acid (PFUnA)	**3.59**		0.20	0.10	ug/Kg	☼	10/01/25 06:38	10/02/25 02:39	1
Perfluorododecanoic acid (PFDoA)	**0.49**		0.20	0.10	ug/Kg	☼	10/01/25 06:38	10/02/25 02:39	1
Perfluorotridecanoic acid (PFTrDA)	**4.33**		0.20	0.10	ug/Kg	☼	10/01/25 06:38	10/02/25 02:39	1
Perfluorotetradecanoic acid (PFTeDA)	**0.13**	**J**	0.20	0.10	ug/Kg	☼	10/01/25 06:38	10/02/25 02:39	1
Perfluorobutanesulfonic acid (PFBS)	0.20	U	0.20	0.10	ug/Kg	☼	10/01/25 06:38	10/02/25 02:39	1
Perfluoropentanesulfonic acid (PFPeS)	0.20	U	0.20	0.10	ug/Kg	☼	10/01/25 06:38	10/02/25 02:39	1
Perfluorohexanesulfonic acid (PFHxS)	0.20	U	0.20	0.10	ug/Kg	☼	10/01/25 06:38	10/02/25 02:39	1
Perfluoroheptanesulfonic acid (PFHpS)	0.20	U	0.20	0.10	ug/Kg	☼	10/01/25 06:38	10/02/25 02:39	1
Perfluorooctanesulfonic acid (PFOS)	0.20	U	0.20	0.10	ug/Kg	☼	10/01/25 06:38	10/02/25 02:39	1

Client Sample ID: 53A_0-5
Date Collected: 09/25/25 08:00
Date Received: 09/25/25 16:10

Lab Sample ID: 460-335747-1
Matrix: Solid
Percent Solids: 92.3

Method: EPA 1633A - Per- and Polyfluoroalkyl Substances by LC/MS/MS, 1633A (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Perfluorononanesulfonic acid (PFNS)	0.20	U	0.20	0.10	ug/Kg	☼	10/01/25 06:38	10/02/25 02:39	1
Perfluorodecanesulfonic acid (PFDS)	0.20	U	0.20	0.10	ug/Kg	☼	10/01/25 06:38	10/02/25 02:39	1
Perfluorododecanesulfonic acid (PFDoS)	0.20	U	0.20	0.10	ug/Kg	☼	10/01/25 06:38	10/02/25 02:39	1
1H,1H,2H,2H-Perfluorohexane sulfonic acid (4:2 FTS)	0.40	U	0.40	0.20	ug/Kg	☼	10/01/25 06:38	10/02/25 02:39	1
1H,1H,2H,2H-Perfluorooctane sulfonic acid (6:2 FTS)	**0.20**	**J**	0.40	0.20	ug/Kg	☼	10/01/25 06:38	10/02/25 02:39	1
1H,1H,2H,2H-Perfluorodecane sulfonic acid (8:2 FTS)	**5.19**		0.40	0.20	ug/Kg	☼	10/01/25 06:38	10/02/25 02:39	1
Perfluorooctanesulfonamide (PFOSA)	0.20	U	0.20	0.10	ug/Kg	☼	10/01/25 06:38	10/02/25 02:39	1
N-methylperfluorooctane sulfonamide (NMeFOSA)	0.20	U	0.20	0.10	ug/Kg	☼	10/01/25 06:38	10/02/25 02:39	1
N-ethylperfluorooctane sulfonamide (NEtFOSA)	0.20	U	0.20	0.10	ug/Kg	☼	10/01/25 06:38	10/02/25 02:39	1
N-methylperfluorooctanesulfonamidoacetic acid (NMeFOSAA)	0.20	U	0.20	0.10	ug/Kg	☼	10/01/25 06:38	10/02/25 02:39	1
N-ethylperfluorooctanesulfonamidoacetic acid (NEtFOSAA)	0.20	U	0.20	0.10	ug/Kg	☼	10/01/25 06:38	10/02/25 02:39	1
N-methylperfluorooctane sulfonamidoethanol (NMeFOSE)	1.0	U	1.0	0.50	ug/Kg	☼	10/01/25 06:38	10/02/25 02:39	1
N-ethylperfluorooctane sulfonamidoethanol (NEtFOSE)	1.0	U	1.0	0.50	ug/Kg	☼	10/01/25 06:38	10/02/25 02:39	1
Hexafluoropropylene Oxide Dimer Acid (HFPO-DA)	0.20	U	0.20	0.10	ug/Kg	☼	10/01/25 06:38	10/02/25 02:39	1
4,8-Dioxa-3H-perfluorononanoic acid (ADONA)	0.20	U	0.20	0.10	ug/Kg	☼	10/01/25 06:38	10/02/25 02:39	1
Perfluoro-3-methoxypropanoic acid (PFMPA)	0.20	U	0.20	0.10	ug/Kg	☼	10/01/25 06:38	10/02/25 02:39	1
Perfluoro-4-methoxybutanoic acid (PFMBA)	0.20	U	0.20	0.10	ug/Kg	☼	10/01/25 06:38	10/02/25 02:39	1
Nonafluoro-3,6-dioxaheptanoic acid (NFDHA)	0.20	U	0.20	0.10	ug/Kg	☼	10/01/25 06:38	10/02/25 02:39	1
9-Chlorohexadecafluoro-3-oxanonane-1-sulfonic acid (9Cl-PF3ONS)	0.20	U	0.20	0.10	ug/Kg	☼	10/01/25 06:38	10/02/25 02:39	1
11-Chloroeicosafluoro-3-oxaundecane-1-sulfonic acid (11Cl-PF3OUdS)	0.20	U	0.20	0.10	ug/Kg	☼	10/01/25 06:38	10/02/25 02:39	1
Perfluoro (2-ethoxyethane) sulfonic acid (PFEESA)	0.20	U	0.20	0.10	ug/Kg	☼	10/01/25 06:38	10/02/25 02:39	1
3-Perfluoropropylpropanoic acid (3:3 FTCA)	0.40	U	0.40	0.20	ug/Kg	☼	10/01/25 06:38	10/02/25 02:39	1
3-Perfluoropentylpropanoic acid (5:3 FTCA)	1.0	U	1.0	0.50	ug/Kg	☼	10/01/25 06:38	10/02/25 02:39	1
3-Perfluoroheptylpropanoic acid (7:3 FTCA)	**0.89**	**J**	1.0	0.50	ug/Kg	☼	10/01/25 06:38	10/02/25 02:39	1

Isotope Dilution	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
13C4 PFBA	*97.9*		*8 - 130*	*10/01/25 06:38*	*10/02/25 02:39*	*1*
13C5 PFPeA	*87.1*		*35 - 130*	*10/01/25 06:38*	*10/02/25 02:39*	*1*
13C5 PFHxA	*91.1*		*40 - 130*	*10/01/25 06:38*	*10/02/25 02:39*	*1*
13C4 PFHpA	*94.7*		*40 - 130*	*10/01/25 06:38*	*10/02/25 02:39*	*1*
13C8 PFOA	*92.1*		*40 - 130*	*10/01/25 06:38*	*10/02/25 02:39*	*1*
13C9 PFNA	*84.7*		*40 - 130*	*10/01/25 06:38*	*10/02/25 02:39*	*1*
13C6 PFDA	*83.6*		*40 - 130*	*10/01/25 06:38*	*10/02/25 02:39*	*1*
13C7 PFUnA	*76.2*		*40 - 130*	*10/01/25 06:38*	*10/02/25 02:39*	*1*

Client Sample ID: 53A_0-5

Date Collected: 09/25/25 08:00
Date Received: 09/25/25 16:10

Lab Sample ID: 460-335747-1

Matrix: Solid
Percent Solids: 92.3

Method: EPA 1633A - Per- and Polyfluoroalkyl Substances by LC/MS/MS, 1633A (Continued)

Isotope Dilution	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
13C2 PFTeDA	67.2		20 - 130	10/01/25 06:38	10/02/25 02:39	1
13C3 PFBS	85.9		40 - 135	10/01/25 06:38	10/02/25 02:39	1
13C3 PFHxS	83.3		40 - 130	10/01/25 06:38	10/02/25 02:39	1
13C8 PFOS	76.2		40 - 130	10/01/25 06:38	10/02/25 02:39	1
13C8 FOSA	85.0		40 - 130	10/01/25 06:38	10/02/25 02:39	1
d3-NMeFOSAA	85.3		40 - 135	10/01/25 06:38	10/02/25 02:39	1
d5-NEtFOSAA	80.0		40 - 150	10/01/25 06:38	10/02/25 02:39	1
13C2 4:2 FTS	89.4		40 - 165	10/01/25 06:38	10/02/25 02:39	1
13C2 6:2 FTS	101		40 - 215	10/01/25 06:38	10/02/25 02:39	1
13C2 8:2 FTS	96.1		40 - 275	10/01/25 06:38	10/02/25 02:39	1
13C3 HFPO-DA	87.7		40 - 130	10/01/25 06:38	10/02/25 02:39	1
d7-N-MeFOSE-M	52.4		20 - 130	10/01/25 06:38	10/02/25 02:39	1
d9-N-EtFOSE-M	43.3		15 - 130	10/01/25 06:38	10/02/25 02:39	1
d5-NEtPFOSA	61.5		10 - 130	10/01/25 06:38	10/02/25 02:39	1
d3-NMePFOSA	70.6		10 - 130	10/01/25 06:38	10/02/25 02:39	1
13C2 PFDoA	78.2		40 - 130	10/01/25 06:38	10/02/25 02:39	1

Method: SW846 6020B - Metals (ICP/MS)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Aluminum	8330		20.1	5.5	mg/Kg	☼	10/01/25 08:03	10/01/25 19:37	1
Antimony	0.71	J	1.0	0.15	mg/Kg	☼	10/01/25 08:03	10/01/25 19:37	1
Arsenic	7.7		1.0	0.10	mg/Kg	☼	10/01/25 08:03	10/01/25 19:37	1
Barium	81.2		2.0	0.15	mg/Kg	☼	10/01/25 08:03	10/01/25 19:37	1
Beryllium	0.67		0.40	0.022	mg/Kg	☼	10/01/25 08:03	10/01/25 19:37	1
Cadmium	0.55	J	1.0	0.11	mg/Kg	☼	10/01/25 08:03	10/01/25 19:37	1
Calcium	2750		100	9.8	mg/Kg	☼	10/01/25 08:03	10/01/25 19:37	1
Chromium	23.3		2.0	0.30	mg/Kg	☼	10/01/25 08:03	10/01/25 19:37	1
Cobalt	6.2		1.0	0.15	mg/Kg	☼	10/01/25 08:03	10/01/25 19:37	1
Copper	40.3		2.0	0.37	mg/Kg	☼	10/01/25 08:03	10/01/25 19:37	1
Iron	21800		60.2	7.7	mg/Kg	☼	10/01/25 08:03	10/01/25 19:37	1
Lead	416		0.60	0.20	mg/Kg	☼	10/01/25 08:03	10/01/25 19:37	1
Magnesium	2860		100	10.2	mg/Kg	☼	10/01/25 08:03	10/01/25 19:37	1
Manganese	197		4.0	0.40	mg/Kg	☼	10/01/25 08:03	10/01/25 19:37	1
Nickel	14.9		2.0	0.18	mg/Kg	☼	10/01/25 08:03	10/01/25 19:37	1
Potassium	1180		100	16.3	mg/Kg	☼	10/01/25 08:03	10/01/25 19:37	1
Selenium	0.37	J	1.3	0.13	mg/Kg	☼	10/01/25 08:03	10/01/25 19:37	1
Silver	0.31	J	0.40	0.089	mg/Kg	☼	10/01/25 08:03	10/01/25 19:37	1
Sodium	174		100	45.9	mg/Kg	☼	10/01/25 08:03	10/01/25 19:37	1
Thallium	0.098	J	0.40	0.041	mg/Kg	☼	10/01/25 08:03	10/01/25 19:37	1
Vanadium	26.2		2.0	0.21	mg/Kg	☼	10/01/25 08:03	10/01/25 19:37	1
Zinc	221		8.0	1.1	mg/Kg	☼	10/01/25 08:03	10/01/25 19:37	1

Method: SW846 7471B - Mercury (CVAA)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	0.040		0.018	0.0084	mg/Kg	☼	10/01/25 01:55	10/01/25 17:52	1

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Percent Moisture (EPA Moisture)	7.7		1.0	1.0	%			09/30/25 17:39	1
Percent Solids (EPA Moisture)	92.3		1.0	1.0	%			09/30/25 17:39	1

Client Sample ID: 53A_5-10
Date Collected: 09/25/25 08:05
Date Received: 09/25/25 16:10

Lab Sample ID: 460-335747-2
Matrix: Solid
Percent Solids: 88.3

Method: SW846 8270E - Semivolatile Organic Compounds (GC/MS)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1'-Biphenyl	0.37	U	0.37	0.013	mg/Kg	☼	09/27/25 15:54	09/28/25 12:59	1
1,2,4,5-Tetrachlorobenzene	0.37	U	0.37	0.012	mg/Kg	☼	09/27/25 15:54	09/28/25 12:59	1
1,4-Dioxane	0.037	U	0.037	0.033	mg/Kg	☼	09/27/25 15:54	09/28/25 12:59	1
2,2'-oxybis[1-chloropropane]	0.37	U	0.37	0.022	mg/Kg	☼	09/27/25 15:54	09/28/25 12:59	1
2,3,4,6-Tetrachlorophenol	0.37	U	0.37	0.025	mg/Kg	☼	09/27/25 15:54	09/28/25 12:59	1
2,4,5-Trichlorophenol	0.37	U	0.37	0.038	mg/Kg	☼	09/27/25 15:54	09/28/25 12:59	1
2,4,6-Trichlorophenol	0.15	U	0.15	0.048	mg/Kg	☼	09/27/25 15:54	09/28/25 12:59	1
2,4-Dichlorophenol	0.15	U	0.15	0.024	mg/Kg	☼	09/27/25 15:54	09/28/25 12:59	1
2,4-Dimethylphenol	0.37	U	0.37	0.045	mg/Kg	☼	09/27/25 15:54	09/28/25 12:59	1
2,4-Dinitrophenol	0.30	U	0.30	0.18	mg/Kg	☼	09/27/25 15:54	09/28/25 12:59	1
2,4-Dinitrotoluene	0.076	U	0.076	0.040	mg/Kg	☼	09/27/25 15:54	09/28/25 12:59	1
2,6-Dinitrotoluene	0.076	U	0.076	0.027	mg/Kg	☼	09/27/25 15:54	09/28/25 12:59	1
2-Chloronaphthalene	0.37	U	0.37	0.048	mg/Kg	☼	09/27/25 15:54	09/28/25 12:59	1
2-Chlorophenol	0.37	U	0.37	0.013	mg/Kg	☼	09/27/25 15:54	09/28/25 12:59	1
2-Methylnaphthalene	0.37	U	0.37	0.010	mg/Kg	☼	09/27/25 15:54	09/28/25 12:59	1
2-Methylphenol	0.37	U	0.37	0.014	mg/Kg	☼	09/27/25 15:54	09/28/25 12:59	1
2-Nitroaniline	0.37	U	0.37	0.028	mg/Kg	☼	09/27/25 15:54	09/28/25 12:59	1
2-Nitrophenol	0.37	U	0.37	0.037	mg/Kg	☼	09/27/25 15:54	09/28/25 12:59	1
3 & 4 Methylphenol	0.37	U	0.37	0.023	mg/Kg	☼	09/27/25 15:54	09/28/25 12:59	1
3,3'-Dichlorobenzidine	0.15	U	0.15	0.056	mg/Kg	☼	09/27/25 15:54	09/28/25 12:59	1
3-Nitroaniline	0.37	U	0.37	0.089	mg/Kg	☼	09/27/25 15:54	09/28/25 12:59	1
4,6-Dinitro-2-methylphenol	0.30	U	0.30	0.15	mg/Kg	☼	09/27/25 15:54	09/28/25 12:59	1
4-Bromophenyl phenyl ether	0.37	U	0.37	0.015	mg/Kg	☼	09/27/25 15:54	09/28/25 12:59	1
4-Chloro-3-methylphenol	0.37	U	0.37	0.021	mg/Kg	☼	09/27/25 15:54	09/28/25 12:59	1
4-Chloroaniline	0.37	U	0.37	0.066	mg/Kg	☼	09/27/25 15:54	09/28/25 12:59	1
4-Chlorophenyl phenyl ether	0.37	U	0.37	0.013	mg/Kg	☼	09/27/25 15:54	09/28/25 12:59	1
4-Methylphenol	0.37	U	0.37	0.023	mg/Kg	☼	09/27/25 15:54	09/28/25 12:59	1
4-Nitroaniline	0.37	U	0.37	0.095	mg/Kg	☼	09/27/25 15:54	09/28/25 12:59	1
4-Nitrophenol	0.76	U	0.76	0.061	mg/Kg	☼	09/27/25 15:54	09/28/25 12:59	1
Acenaphthene	0.37	U	0.37	0.011	mg/Kg	☼	09/27/25 15:54	09/28/25 12:59	1
Acenaphthylene	0.37	U	0.37	0.011	mg/Kg	☼	09/27/25 15:54	09/28/25 12:59	1
Acetophenone	0.37	U	0.37	0.018	mg/Kg	☼	09/27/25 15:54	09/28/25 12:59	1
Anthracene	0.37	U	0.37	0.011	mg/Kg	☼	09/27/25 15:54	09/28/25 12:59	1
Atrazine	0.15	U *	0.15	0.022	mg/Kg	☼	09/27/25 15:54	09/28/25 12:59	1
Benzaldehyde	0.37	U	0.37	0.062	mg/Kg	☼	09/27/25 15:54	09/28/25 12:59	1
Benzo[a]anthracene	0.037	U	0.037	0.028	mg/Kg	☼	09/27/25 15:54	09/28/25 12:59	1
Benzo[a]pyrene	0.037	U	0.037	0.010	mg/Kg	☼	09/27/25 15:54	09/28/25 12:59	1
Benzo[b]fluoranthene	0.037	U	0.037	0.0097	mg/Kg	☼	09/27/25 15:54	09/28/25 12:59	1
Benzo[g,h,i]perylene	0.37	U	0.37	0.011	mg/Kg	☼	09/27/25 15:54	09/28/25 12:59	1
Benzo[k]fluoranthene	0.037	U	0.037	0.0073	mg/Kg	☼	09/27/25 15:54	09/28/25 12:59	1
Bis(2-chloroethoxy)methane	0.37	U	0.37	0.069	mg/Kg	☼	09/27/25 15:54	09/28/25 12:59	1
Bis(2-chloroethyl)ether	0.037	U	0.037	0.013	mg/Kg	☼	09/27/25 15:54	09/28/25 12:59	1
Bis(2-ethylhexyl) phthalate	0.37	U	0.37	0.020	mg/Kg	☼	09/27/25 15:54	09/28/25 12:59	1
Butyl benzyl phthalate	0.37	U	0.37	0.018	mg/Kg	☼	09/27/25 15:54	09/28/25 12:59	1
Caprolactam	0.37	U *	0.37	0.058	mg/Kg	☼	09/27/25 15:54	09/28/25 12:59	1
Carbazole	0.37	U	0.37	0.014	mg/Kg	☼	09/27/25 15:54	09/28/25 12:59	1
Chrysene	0.37	U	0.37	0.016	mg/Kg	☼	09/27/25 15:54	09/28/25 12:59	1
Dibenz(a,h)anthracene	0.037	U	0.037	0.016	mg/Kg	☼	09/27/25 15:54	09/28/25 12:59	1
Dibenzofuran	0.37	U	0.37	0.012	mg/Kg	☼	09/27/25 15:54	09/28/25 12:59	1

Client Sample ID: 53A_5-10

Date Collected: 09/25/25 08:05
Date Received: 09/25/25 16:10

Lab Sample ID: 460-335747-2

Matrix: Solid
Percent Solids: 88.3

Method: SW846 8270E - Semivolatile Organic Compounds (GC/MS) (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Diethyl phthalate	0.37	U	0.37	0.012	mg/Kg	☼	09/27/25 15:54	09/28/25 12:59	1
Dimethyl phthalate	0.37	U	0.37	0.085	mg/Kg	☼	09/27/25 15:54	09/28/25 12:59	1
Di-n-butyl phthalate	0.37	U	0.37	0.014	mg/Kg	☼	09/27/25 15:54	09/28/25 12:59	1
Di-n-octyl phthalate	0.37	U	0.37	0.020	mg/Kg	☼	09/27/25 15:54	09/28/25 12:59	1
Fluoranthene	0.37	U	0.37	0.013	mg/Kg	☼	09/27/25 15:54	09/28/25 12:59	1
Fluorene	0.37	U	0.37	0.011	mg/Kg	☼	09/27/25 15:54	09/28/25 12:59	1
Hexachlorobenzene	0.037	U	0.037	0.018	mg/Kg	☼	09/27/25 15:54	09/28/25 12:59	1
Hexachlorobutadiene	0.076	U	0.076	0.0080	mg/Kg	☼	09/27/25 15:54	09/28/25 12:59	1
Hexachlorocyclopentadiene	0.37	U	0.37	0.033	mg/Kg	☼	09/27/25 15:54	09/28/25 12:59	1
Hexachloroethane	0.037	U	0.037	0.013	mg/Kg	☼	09/27/25 15:54	09/28/25 12:59	1
Indeno[1,2,3-cd]pyrene	0.037	U	0.037	0.015	mg/Kg	☼	09/27/25 15:54	09/28/25 12:59	1
Isophorone	0.15	U	0.15	0.11	mg/Kg	☼	09/27/25 15:54	09/28/25 12:59	1
Naphthalene	0.37	U	0.37	0.0065	mg/Kg	☼	09/27/25 15:54	09/28/25 12:59	1
Nitrobenzene	0.037	U	0.037	0.021	mg/Kg	☼	09/27/25 15:54	09/28/25 12:59	1
N-Nitrosodi-n-propylamine	0.037	U	0.037	0.027	mg/Kg	☼	09/27/25 15:54	09/28/25 12:59	1
N-Nitrosodiphenylamine	0.37	U	0.37	0.031	mg/Kg	☼	09/27/25 15:54	09/28/25 12:59	1
Pentachlorophenol	0.30	U	0.30	0.077	mg/Kg	☼	09/27/25 15:54	09/28/25 12:59	1
Phenanthrene	0.37	U	0.37	0.015	mg/Kg	☼	09/27/25 15:54	09/28/25 12:59	1
Phenol	0.37	U	0.37	0.014	mg/Kg	☼	09/27/25 15:54	09/28/25 12:59	1
Pyrene	0.37	U	0.37	0.0093	mg/Kg	☼	09/27/25 15:54	09/28/25 12:59	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
2,4,6-Tribromophenol (Surr)	*74*		*18 - 137*	*09/27/25 15:54*	*09/28/25 12:59*	*1*
2-Fluorobiphenyl	*71*		*33 - 117*	*09/27/25 15:54*	*09/28/25 12:59*	*1*
2-Fluorophenol (Surr)	*76*		*24 - 120*	*09/27/25 15:54*	*09/28/25 12:59*	*1*
Nitrobenzene-d5 (Surr)	*75*		*27 - 120*	*09/27/25 15:54*	*09/28/25 12:59*	*1*
Phenol-d5 (Surr)	*72*		*28 - 118*	*09/27/25 15:54*	*09/28/25 12:59*	*1*
Terphenyl-d14 (Surr)	*83*		*33 - 124*	*09/27/25 15:54*	*09/28/25 12:59*	*1*

Method: SW846 8081B - Organochlorine Pesticides (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
4,4'-DDD	0.0076	U	0.0076	0.0013	mg/Kg	☼	09/27/25 19:28	09/28/25 09:39	1
4,4'-DDE	0.0076	U	0.0076	0.00089	mg/Kg	☼	09/27/25 19:28	09/28/25 09:39	1
4,4'-DDT	0.0076	U	0.0076	0.0014	mg/Kg	☼	09/27/25 19:28	09/28/25 09:39	1
Aldrin	0.0076	U	0.0076	0.0011	mg/Kg	☼	09/27/25 19:28	09/28/25 09:39	1
alpha-BHC	0.0023	U	0.0023	0.00077	mg/Kg	☼	09/27/25 19:28	09/28/25 09:39	1
beta-BHC	0.0023	U	0.0023	0.00085	mg/Kg	☼	09/27/25 19:28	09/28/25 09:39	1
Chlordane (technical)	0.076	U	0.076	0.018	mg/Kg	☼	09/27/25 19:28	09/28/25 09:39	1
cis-Chlordane	0.0076	U	0.0076	0.0012	mg/Kg	☼	09/27/25 19:28	09/28/25 09:39	1
delta-BHC	0.0023	U	0.0023	0.00046	mg/Kg	☼	09/27/25 19:28	09/28/25 09:39	1
Dieldrin	0.0023	U	0.0023	0.00099	mg/Kg	☼	09/27/25 19:28	09/28/25 09:39	1
Endosulfan I	0.0076	U	0.0076	0.0012	mg/Kg	☼	09/27/25 19:28	09/28/25 09:39	1
Endosulfan II	0.0076	U	0.0076	0.0019	mg/Kg	☼	09/27/25 19:28	09/28/25 09:39	1
Endosulfan sulfate	0.0076	U	0.0076	0.00095	mg/Kg	☼	09/27/25 19:28	09/28/25 09:39	1
Endrin	0.0076	U	0.0076	0.0011	mg/Kg	☼	09/27/25 19:28	09/28/25 09:39	1
Endrin aldehyde	0.0076	U	0.0076	0.0018	mg/Kg	☼	09/27/25 19:28	09/28/25 09:39	1
Endrin ketone	0.0076	U	0.0076	0.0015	mg/Kg	☼	09/27/25 19:28	09/28/25 09:39	1
gamma-BHC (Lindane)	0.0023	U	0.0023	0.00070	mg/Kg	☼	09/27/25 19:28	09/28/25 09:39	1
Heptachlor	0.0076	U	0.0076	0.00089	mg/Kg	☼	09/27/25 19:28	09/28/25 09:39	1
Heptachlor epoxide	0.0076	U	0.0076	0.0011	mg/Kg	☼	09/27/25 19:28	09/28/25 09:39	1

Client Sample ID: 53A_5-10

Date Collected: 09/25/25 08:05
Date Received: 09/25/25 16:10

Lab Sample ID: 460-335747-2

Matrix: Solid
Percent Solids: 88.3

Method: SW846 8081B - Organochlorine Pesticides (GC) (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Methoxychlor	0.0076	U	0.0076	0.0017	mg/Kg	☼	09/27/25 19:28	09/28/25 09:39	1
Toxaphene	0.076	U	0.076	0.027	mg/Kg	☼	09/27/25 19:28	09/28/25 09:39	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
DCB Decachlorobiphenyl	*80*		*10 - 150*	*09/27/25 19:28*	*09/28/25 09:39*	*1*
DCB Decachlorobiphenyl	*98*		*10 - 150*	*09/27/25 19:28*	*09/28/25 09:39*	*1*
Tetrachloro-m-xylene	*68*		*14 - 150*	*09/27/25 19:28*	*09/28/25 09:39*	*1*
Tetrachloro-m-xylene	*66*		*14 - 150*	*09/27/25 19:28*	*09/28/25 09:39*	*1*

Method: SW846 8082A - Polychlorinated Biphenyls (PCBs) by Gas Chromatography

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Aroclor 1016	0.076	U	0.076	0.020	mg/Kg	☼	09/27/25 19:23	09/28/25 13:13	1
Aroclor 1221	0.076	U	0.076	0.020	mg/Kg	☼	09/27/25 19:23	09/28/25 13:13	1
Aroclor 1232	0.076	U	0.076	0.020	mg/Kg	☼	09/27/25 19:23	09/28/25 13:13	1
Aroclor 1242	0.076	U	0.076	0.020	mg/Kg	☼	09/27/25 19:23	09/28/25 13:13	1
Aroclor 1248	0.076	U	0.076	0.020	mg/Kg	☼	09/27/25 19:23	09/28/25 13:13	1
Aroclor 1254	0.076	U	0.076	0.020	mg/Kg	☼	09/27/25 19:23	09/28/25 13:13	1
Aroclor 1260	0.076	U	0.076	0.020	mg/Kg	☼	09/27/25 19:23	09/28/25 13:13	1
Aroclor-1262	0.076	U	0.076	0.020	mg/Kg	☼	09/27/25 19:23	09/28/25 13:13	1
Aroclor 1268	0.076	U	0.076	0.020	mg/Kg	☼	09/27/25 19:23	09/28/25 13:13	1
Polychlorinated biphenyls, Total	0.076	U	0.076	0.020	mg/Kg	☼	09/27/25 19:23	09/28/25 13:13	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
DCB Decachlorobiphenyl	*106*		*10 - 150*	*09/27/25 19:23*	*09/28/25 13:13*	*1*
DCB Decachlorobiphenyl	*107*		*10 - 150*	*09/27/25 19:23*	*09/28/25 13:13*	*1*
Tetrachloro-m-xylene	*91*		*10 - 150*	*09/27/25 19:23*	*09/28/25 13:13*	*1*
Tetrachloro-m-xylene	*95*		*10 - 150*	*09/27/25 19:23*	*09/28/25 13:13*	*1*

Method: EPA 1633A - Per- and Polyfluoroalkyl Substances by LC/MS/MS, 1633A

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Perfluorobutanoic acid (PFBA)	0.40	U	0.40	0.099	ug/Kg	☼	10/01/25 06:38	10/02/25 02:53	1
Perfluoropentanoic acid (PFPeA)	0.20	U	0.20	0.099	ug/Kg	☼	10/01/25 06:38	10/02/25 02:53	1
Perfluorohexanoic acid (PFHxA)	0.20	U	0.20	0.099	ug/Kg	☼	10/01/25 06:38	10/02/25 02:53	1
Perfluoroheptanoic acid (PFHpA)	**0.18**	**J**	0.20	0.099	ug/Kg	☼	10/01/25 06:38	10/02/25 02:53	1
Perfluorooctanoic acid (PFOA)	**0.14**	**J**	0.20	0.060	ug/Kg	☼	10/01/25 06:38	10/02/25 02:53	1
Perfluorononanoic acid (PFNA)	**0.26**		0.20	0.099	ug/Kg	☼	10/01/25 06:38	10/02/25 02:53	1
Perfluorodecanoic acid (PFDA)	**0.83**		0.20	0.060	ug/Kg	☼	10/01/25 06:38	10/02/25 02:53	1
Perfluoroundecanoic acid (PFUnA)	**3.45**		0.20	0.099	ug/Kg	☼	10/01/25 06:38	10/02/25 02:53	1
Perfluorododecanoic acid (PFDoA)	**0.52**		0.20	0.099	ug/Kg	☼	10/01/25 06:38	10/02/25 02:53	1
Perfluorotridecanoic acid (PFTrDA)	**3.44**		0.20	0.099	ug/Kg	☼	10/01/25 06:38	10/02/25 02:53	1
Perfluorotetradecanoic acid (PFTeDA)	**0.19**	**J**	0.20	0.099	ug/Kg	☼	10/01/25 06:38	10/02/25 02:53	1
Perfluorobutanesulfonic acid (PFBS)	0.20	U	0.20	0.099	ug/Kg	☼	10/01/25 06:38	10/02/25 02:53	1
Perfluoropentanesulfonic acid (PFPeS)	0.20	U	0.20	0.099	ug/Kg	☼	10/01/25 06:38	10/02/25 02:53	1
Perfluorohexanesulfonic acid (PFHxS)	0.20	U	0.20	0.099	ug/Kg	☼	10/01/25 06:38	10/02/25 02:53	1
Perfluoroheptanesulfonic acid (PFHpS)	0.20	U	0.20	0.099	ug/Kg	☼	10/01/25 06:38	10/02/25 02:53	1
Perfluorooctanesulfonic acid (PFOS)	0.20	U	0.20	0.099	ug/Kg	☼	10/01/25 06:38	10/02/25 02:53	1

Client Sample ID: 53A_5-10
Date Collected: 09/25/25 08:05
Date Received: 09/25/25 16:10

Lab Sample ID: 460-335747-2
Matrix: Solid
Percent Solids: 88.3

Method: EPA 1633A - Per- and Polyfluoroalkyl Substances by LC/MS/MS, 1633A (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Perfluorononanesulfonic acid (PFNS)	0.20	U	0.20	0.099	ug/Kg	☼	10/01/25 06:38	10/02/25 02:53	1
Perfluorodecanesulfonic acid (PFDS)	0.20	U	0.20	0.099	ug/Kg	☼	10/01/25 06:38	10/02/25 02:53	1
Perfluorododecanesulfonic acid (PFDoS)	0.20	U	0.20	0.099	ug/Kg	☼	10/01/25 06:38	10/02/25 02:53	1
1H,1H,2H,2H-Perfluorohexane sulfonic acid (4:2 FTS)	0.40	U	0.40	0.20	ug/Kg	☼	10/01/25 06:38	10/02/25 02:53	1
1H,1H,2H,2H-Perfluorooctane sulfonic acid (6:2 FTS)	0.40	U	0.40	0.20	ug/Kg	☼	10/01/25 06:38	10/02/25 02:53	1
1H,1H,2H,2H-Perfluorodecane sulfonic acid (8:2 FTS)	**1.86**		0.40	0.20	ug/Kg	☼	10/01/25 06:38	10/02/25 02:53	1
Perfluorooctanesulfonamide (PFOSA)	0.20	U	0.20	0.099	ug/Kg	☼	10/01/25 06:38	10/02/25 02:53	1
N-methylperfluorooctane sulfonamide (NMeFOSA)	0.20	U	0.20	0.099	ug/Kg	☼	10/01/25 06:38	10/02/25 02:53	1
N-ethylperfluorooctane sulfonamide (NEtFOSA)	0.20	U	0.20	0.099	ug/Kg	☼	10/01/25 06:38	10/02/25 02:53	1
N-methylperfluorooctanesulfonamidoacetic acid (NMeFOSAA)	0.20	U	0.20	0.099	ug/Kg	☼	10/01/25 06:38	10/02/25 02:53	1
N-ethylperfluorooctanesulfonamidoacetic acid (NEtFOSAA)	0.20	U	0.20	0.099	ug/Kg	☼	10/01/25 06:38	10/02/25 02:53	1
N-methylperfluorooctane sulfonamidoethanol (NMeFOSE)	0.99	U	0.99	0.50	ug/Kg	☼	10/01/25 06:38	10/02/25 02:53	1
N-ethylperfluorooctane sulfonamidoethanol (NEtFOSE)	0.99	U	0.99	0.50	ug/Kg	☼	10/01/25 06:38	10/02/25 02:53	1
Hexafluoropropylene Oxide Dimer Acid (HFPO-DA)	0.20	U	0.20	0.099	ug/Kg	☼	10/01/25 06:38	10/02/25 02:53	1
4,8-Dioxa-3H-perfluorononanoic acid (ADONA)	0.20	U	0.20	0.099	ug/Kg	☼	10/01/25 06:38	10/02/25 02:53	1
Perfluoro-3-methoxypropanoic acid (PFMPA)	0.20	U	0.20	0.099	ug/Kg	☼	10/01/25 06:38	10/02/25 02:53	1
Perfluoro-4-methoxybutanoic acid (PFMBA)	0.20	U	0.20	0.099	ug/Kg	☼	10/01/25 06:38	10/02/25 02:53	1
Nonafluoro-3,6-dioxaheptanoic acid (NFDHA)	0.20	U	0.20	0.099	ug/Kg	☼	10/01/25 06:38	10/02/25 02:53	1
9-Chlorohexadecafluoro-3-oxanonane-1-sulfonic acid (9Cl-PF3ONS)	0.20	U	0.20	0.099	ug/Kg	☼	10/01/25 06:38	10/02/25 02:53	1
11-Chloroeicosafluoro-3-oxaundecane-1-sulfonic acid (11Cl-PF3OUdS)	0.20	U	0.20	0.099	ug/Kg	☼	10/01/25 06:38	10/02/25 02:53	1
Perfluoro (2-ethoxyethane) sulfonic acid (PFEESA)	0.20	U	0.20	0.099	ug/Kg	☼	10/01/25 06:38	10/02/25 02:53	1
3-Perfluoropropylpropanoic acid (3:3 FTCA)	0.40	U	0.40	0.20	ug/Kg	☼	10/01/25 06:38	10/02/25 02:53	1
3-Perfluoropentylpropanoic acid (5:3 FTCA)	0.99	U	0.99	0.50	ug/Kg	☼	10/01/25 06:38	10/02/25 02:53	1
3-Perfluoroheptylpropanoic acid (7:3 FTCA)	**0.98**	**J**	0.99	0.50	ug/Kg	☼	10/01/25 06:38	10/02/25 02:53	1

Isotope Dilution	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
13C4 PFBA	*88.1*		*8 - 130*	*10/01/25 06:38*	*10/02/25 02:53*	*1*
13C5 PFPeA	*77.7*		*35 - 130*	*10/01/25 06:38*	*10/02/25 02:53*	*1*
13C5 PFHxA	*80.8*		*40 - 130*	*10/01/25 06:38*	*10/02/25 02:53*	*1*
13C4 PFHpA	*83.5*		*40 - 130*	*10/01/25 06:38*	*10/02/25 02:53*	*1*
13C8 PFOA	*79.6*		*40 - 130*	*10/01/25 06:38*	*10/02/25 02:53*	*1*
13C9 PFNA	*77.3*		*40 - 130*	*10/01/25 06:38*	*10/02/25 02:53*	*1*
13C6 PFDA	*72.2*		*40 - 130*	*10/01/25 06:38*	*10/02/25 02:53*	*1*
13C7 PFUnA	*65.8*		*40 - 130*	*10/01/25 06:38*	*10/02/25 02:53*	*1*

Client Sample ID: 53A_5-10

Date Collected: 09/25/25 08:05
Date Received: 09/25/25 16:10

Lab Sample ID: 460-335747-2

Matrix: Solid
Percent Solids: 88.3

Method: EPA 1633A - Per- and Polyfluoroalkyl Substances by LC/MS/MS, 1633A (Continued)

Isotope Dilution	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
13C2 PFTeDA	56.6		20 - 130	10/01/25 06:38	10/02/25 02:53	1
13C3 PFBS	74.3		40 - 135	10/01/25 06:38	10/02/25 02:53	1
13C3 PFHxS	77.7		40 - 130	10/01/25 06:38	10/02/25 02:53	1
13C8 PFOS	67.6		40 - 130	10/01/25 06:38	10/02/25 02:53	1
13C8 FOSA	73.0		40 - 130	10/01/25 06:38	10/02/25 02:53	1
d3-NMeFOSAA	77.6		40 - 135	10/01/25 06:38	10/02/25 02:53	1
d5-NEtFOSAA	67.6		40 - 150	10/01/25 06:38	10/02/25 02:53	1
13C2 4:2 FTS	86.9		40 - 165	10/01/25 06:38	10/02/25 02:53	1
13C2 6:2 FTS	92.8		40 - 215	10/01/25 06:38	10/02/25 02:53	1
13C2 8:2 FTS	82.4		40 - 275	10/01/25 06:38	10/02/25 02:53	1
13C3 HFPO-DA	74.8		40 - 130	10/01/25 06:38	10/02/25 02:53	1
d7-N-MeFOSE-M	43.9		20 - 130	10/01/25 06:38	10/02/25 02:53	1
d9-N-EtFOSE-M	32.2		15 - 130	10/01/25 06:38	10/02/25 02:53	1
d5-NEtPFOSA	52.1		10 - 130	10/01/25 06:38	10/02/25 02:53	1
d3-NMePFOSA	58.8		10 - 130	10/01/25 06:38	10/02/25 02:53	1
13C2 PFDoA	66.0		40 - 130	10/01/25 06:38	10/02/25 02:53	1

Method: SW846 6020B - Metals (ICP/MS)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Aluminum	5520		20.2	5.6	mg/Kg	☼	10/01/25 08:03	10/01/25 19:40	1
Antimony	0.40	J	1.0	0.15	mg/Kg	☼	10/01/25 08:03	10/01/25 19:40	1
Arsenic	6.3		1.0	0.10	mg/Kg	☼	10/01/25 08:03	10/01/25 19:40	1
Barium	43.2		2.0	0.15	mg/Kg	☼	10/01/25 08:03	10/01/25 19:40	1
Beryllium	0.50		0.40	0.022	mg/Kg	☼	10/01/25 08:03	10/01/25 19:40	1
Cadmium	0.27	J	1.0	0.11	mg/Kg	☼	10/01/25 08:03	10/01/25 19:40	1
Calcium	6480		101	9.8	mg/Kg	☼	10/01/25 08:03	10/01/25 19:40	1
Chromium	14.0		2.0	0.30	mg/Kg	☼	10/01/25 08:03	10/01/25 19:40	1
Cobalt	5.1		1.0	0.15	mg/Kg	☼	10/01/25 08:03	10/01/25 19:40	1
Copper	34.7		2.0	0.37	mg/Kg	☼	10/01/25 08:03	10/01/25 19:40	1
Iron	15900		60.7	7.7	mg/Kg	☼	10/01/25 08:03	10/01/25 19:40	1
Lead	145		0.61	0.20	mg/Kg	☼	10/01/25 08:03	10/01/25 19:40	1
Magnesium	5050		101	10.3	mg/Kg	☼	10/01/25 08:03	10/01/25 19:40	1
Manganese	217		4.0	0.41	mg/Kg	☼	10/01/25 08:03	10/01/25 19:40	1
Nickel	12.2		2.0	0.18	mg/Kg	☼	10/01/25 08:03	10/01/25 19:40	1
Potassium	971		101	16.4	mg/Kg	☼	10/01/25 08:03	10/01/25 19:40	1
Selenium	0.16	J	1.3	0.13	mg/Kg	☼	10/01/25 08:03	10/01/25 19:40	1
Silver	0.28	J	0.40	0.090	mg/Kg	☼	10/01/25 08:03	10/01/25 19:40	1
Sodium	106		101	46.2	mg/Kg	☼	10/01/25 08:03	10/01/25 19:40	1
Thallium	0.074	J	0.40	0.041	mg/Kg	☼	10/01/25 08:03	10/01/25 19:40	1
Vanadium	20.9		2.0	0.21	mg/Kg	☼	10/01/25 08:03	10/01/25 19:40	1
Zinc	88.5		8.1	1.1	mg/Kg	☼	10/01/25 08:03	10/01/25 19:40	1

Method: SW846 7471B - Mercury (CVAA)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	0.029		0.018	0.0082	mg/Kg	☼	10/01/25 01:55	10/01/25 17:55	1

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Percent Moisture (EPA Moisture)	11.7		1.0	1.0	%			09/30/25 17:39	1
Percent Solids (EPA Moisture)	88.3		1.0	1.0	%			09/30/25 17:39	1

Client: Haley & Aldrich, Inc.
Project/Site: Former Port Mobil

Job ID: 460-335747-1

Client Sample ID: 53B_0-5
Date Collected: 09/25/25 08:10
Date Received: 09/25/25 16:10

Lab Sample ID: 460-335747-3
Matrix: Solid
Percent Solids: 93.1

Method: SW846 8270E - Semivolatile Organic Compounds (GC/MS)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1'-Biphenyl	0.35	U	0.35	0.012	mg/Kg	☼	09/27/25 15:54	09/28/25 13:16	1
1,2,4,5-Tetrachlorobenzene	0.35	U	0.35	0.011	mg/Kg	☼	09/27/25 15:54	09/28/25 13:16	1
1,4-Dioxane	0.035	U	0.035	0.031	mg/Kg	☼	09/27/25 15:54	09/28/25 13:16	1
2,2'-oxybis[1-chloropropane]	0.35	U	0.35	0.021	mg/Kg	☼	09/27/25 15:54	09/28/25 13:16	1
2,3,4,6-Tetrachlorophenol	0.35	U	0.35	0.024	mg/Kg	☼	09/27/25 15:54	09/28/25 13:16	1
2,4,5-Trichlorophenol	0.35	U	0.35	0.036	mg/Kg	☼	09/27/25 15:54	09/28/25 13:16	1
2,4,6-Trichlorophenol	0.14	U	0.14	0.045	mg/Kg	☼	09/27/25 15:54	09/28/25 13:16	1
2,4-Dichlorophenol	0.14	U	0.14	0.023	mg/Kg	☼	09/27/25 15:54	09/28/25 13:16	1
2,4-Dimethylphenol	0.35	U	0.35	0.042	mg/Kg	☼	09/27/25 15:54	09/28/25 13:16	1
2,4-Dinitrophenol	0.28	U	0.28	0.17	mg/Kg	☼	09/27/25 15:54	09/28/25 13:16	1
2,4-Dinitrotoluene	0.071	U	0.071	0.038	mg/Kg	☼	09/27/25 15:54	09/28/25 13:16	1
2,6-Dinitrotoluene	0.071	U	0.071	0.025	mg/Kg	☼	09/27/25 15:54	09/28/25 13:16	1
2-Chloronaphthalene	0.35	U	0.35	0.045	mg/Kg	☼	09/27/25 15:54	09/28/25 13:16	1
2-Chlorophenol	0.35	U	0.35	0.013	mg/Kg	☼	09/27/25 15:54	09/28/25 13:16	1
2-Methylnaphthalene	0.35	U	0.35	0.0098	mg/Kg	☼	09/27/25 15:54	09/28/25 13:16	1
2-Methylphenol	0.35	U	0.35	0.013	mg/Kg	☼	09/27/25 15:54	09/28/25 13:16	1
2-Nitroaniline	0.35	U	0.35	0.027	mg/Kg	☼	09/27/25 15:54	09/28/25 13:16	1
2-Nitrophenol	0.35	U	0.35	0.035	mg/Kg	☼	09/27/25 15:54	09/28/25 13:16	1
3 & 4 Methylphenol	0.35	U	0.35	0.022	mg/Kg	☼	09/27/25 15:54	09/28/25 13:16	1
3,3'-Dichlorobenzidine	0.14	U	0.14	0.053	mg/Kg	☼	09/27/25 15:54	09/28/25 13:16	1
3-Nitroaniline	0.35	U	0.35	0.084	mg/Kg	☼	09/27/25 15:54	09/28/25 13:16	1
4,6-Dinitro-2-methylphenol	0.28	U	0.28	0.14	mg/Kg	☼	09/27/25 15:54	09/28/25 13:16	1
4-Bromophenyl phenyl ether	0.35	U	0.35	0.014	mg/Kg	☼	09/27/25 15:54	09/28/25 13:16	1
4-Chloro-3-methylphenol	0.35	U	0.35	0.020	mg/Kg	☼	09/27/25 15:54	09/28/25 13:16	1
4-Chloroaniline	0.35	U	0.35	0.062	mg/Kg	☼	09/27/25 15:54	09/28/25 13:16	1
4-Chlorophenyl phenyl ether	0.35	U	0.35	0.012	mg/Kg	☼	09/27/25 15:54	09/28/25 13:16	1
4-Methylphenol	0.35	U	0.35	0.022	mg/Kg	☼	09/27/25 15:54	09/28/25 13:16	1
4-Nitroaniline	0.35	U	0.35	0.089	mg/Kg	☼	09/27/25 15:54	09/28/25 13:16	1
4-Nitrophenol	0.71	U	0.71	0.057	mg/Kg	☼	09/27/25 15:54	09/28/25 13:16	1
Acenaphthene	0.35	U	0.35	0.010	mg/Kg	☼	09/27/25 15:54	09/28/25 13:16	1
Acenaphthylene	0.35	U	0.35	0.010	mg/Kg	☼	09/27/25 15:54	09/28/25 13:16	1
Acetophenone	0.35	U	0.35	0.017	mg/Kg	☼	09/27/25 15:54	09/28/25 13:16	1
Anthracene	0.35	U	0.35	0.011	mg/Kg	☼	09/27/25 15:54	09/28/25 13:16	1
Atrazine	0.14	U *	0.14	0.021	mg/Kg	☼	09/27/25 15:54	09/28/25 13:16	1
Benzaldehyde	0.35	U	0.35	0.058	mg/Kg	☼	09/27/25 15:54	09/28/25 13:16	1
Benzo[a]anthracene	0.035	U	0.035	0.027	mg/Kg	☼	09/27/25 15:54	09/28/25 13:16	1
Benzo[a]pyrene	0.035	U	0.035	0.0094	mg/Kg	☼	09/27/25 15:54	09/28/25 13:16	1
Benzo[b]fluoranthene	0.035	U	0.035	0.0091	mg/Kg	☼	09/27/25 15:54	09/28/25 13:16	1
Benzo[g,h,i]perylene	0.35	U	0.35	0.010	mg/Kg	☼	09/27/25 15:54	09/28/25 13:16	1
Benzo[k]fluoranthene	0.035	U	0.035	0.0069	mg/Kg	☼	09/27/25 15:54	09/28/25 13:16	1
Bis(2-chloroethoxy)methane	0.35	U	0.35	0.065	mg/Kg	☼	09/27/25 15:54	09/28/25 13:16	1
Bis(2-chloroethyl)ether	0.035	U	0.035	0.012	mg/Kg	☼	09/27/25 15:54	09/28/25 13:16	1
Bis(2-ethylhexyl) phthalate	0.35	U	0.35	0.019	mg/Kg	☼	09/27/25 15:54	09/28/25 13:16	1
Butyl benzyl phthalate	0.35	U	0.35	0.017	mg/Kg	☼	09/27/25 15:54	09/28/25 13:16	1
Caprolactam	0.35	U *	0.35	0.055	mg/Kg	☼	09/27/25 15:54	09/28/25 13:16	1
Carbazole	0.35	U	0.35	0.013	mg/Kg	☼	09/27/25 15:54	09/28/25 13:16	1
Chrysene	0.35	U	0.35	0.015	mg/Kg	☼	09/27/25 15:54	09/28/25 13:16	1
Dibenz(a,h)anthracene	0.035	U	0.035	0.015	mg/Kg	☼	09/27/25 15:54	09/28/25 13:16	1
Dibenzofuran	0.35	U	0.35	0.012	mg/Kg	☼	09/27/25 15:54	09/28/25 13:16	1

Client: Haley & Aldrich, Inc.
Project/Site: Former Port Mobil

Job ID: 460-335747-1

Client Sample ID: 53B_0-5
Date Collected: 09/25/25 08:10
Date Received: 09/25/25 16:10

Lab Sample ID: 460-335747-3
Matrix: Solid
Percent Solids: 93.1

Method: SW846 8270E - Semivolatile Organic Compounds (GC/MS) (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Diethyl phthalate	0.35	U	0.35	0.011	mg/Kg	☼	09/27/25 15:54	09/28/25 13:16	1
Dimethyl phthalate	0.35	U	0.35	0.080	mg/Kg	☼	09/27/25 15:54	09/28/25 13:16	1
Di-n-butyl phthalate	0.35	U	0.35	0.013	mg/Kg	☼	09/27/25 15:54	09/28/25 13:16	1
Di-n-octyl phthalate	0.35	U	0.35	0.019	mg/Kg	☼	09/27/25 15:54	09/28/25 13:16	1
Fluoranthene	0.35	U	0.35	0.012	mg/Kg	☼	09/27/25 15:54	09/28/25 13:16	1
Fluorene	0.35	U	0.35	0.010	mg/Kg	☼	09/27/25 15:54	09/28/25 13:16	1
Hexachlorobenzene	0.035	U	0.035	0.017	mg/Kg	☼	09/27/25 15:54	09/28/25 13:16	1
Hexachlorobutadiene	0.071	U	0.071	0.0075	mg/Kg	☼	09/27/25 15:54	09/28/25 13:16	1
Hexachlorocyclopentadiene	0.35	U	0.35	0.031	mg/Kg	☼	09/27/25 15:54	09/28/25 13:16	1
Hexachloroethane	0.035	U	0.035	0.012	mg/Kg	☼	09/27/25 15:54	09/28/25 13:16	1
Indeno[1,2,3-cd]pyrene	0.035	U	0.035	0.014	mg/Kg	☼	09/27/25 15:54	09/28/25 13:16	1
Isophorone	0.14	U	0.14	0.10	mg/Kg	☼	09/27/25 15:54	09/28/25 13:16	1
Naphthalene	0.35	U	0.35	0.0061	mg/Kg	☼	09/27/25 15:54	09/28/25 13:16	1
Nitrobenzene	0.035	U	0.035	0.020	mg/Kg	☼	09/27/25 15:54	09/28/25 13:16	1
N-Nitrosodi-n-propylamine	0.035	U	0.035	0.026	mg/Kg	☼	09/27/25 15:54	09/28/25 13:16	1
N-Nitrosodiphenylamine	0.35	U	0.35	0.029	mg/Kg	☼	09/27/25 15:54	09/28/25 13:16	1
Pentachlorophenol	0.28	U	0.28	0.072	mg/Kg	☼	09/27/25 15:54	09/28/25 13:16	1
Phenanthrene	0.35	U	0.35	0.014	mg/Kg	☼	09/27/25 15:54	09/28/25 13:16	1
Phenol	0.35	U	0.35	0.013	mg/Kg	☼	09/27/25 15:54	09/28/25 13:16	1
Pyrene	0.35	U	0.35	0.0088	mg/Kg	☼	09/27/25 15:54	09/28/25 13:16	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
2,4,6-Tribromophenol (Surr)	*72*		*18 - 137*	*09/27/25 15:54*	*09/28/25 13:16*	*1*
2-Fluorobiphenyl	*70*		*33 - 117*	*09/27/25 15:54*	*09/28/25 13:16*	*1*
2-Fluorophenol (Surr)	*72*		*24 - 120*	*09/27/25 15:54*	*09/28/25 13:16*	*1*
Nitrobenzene-d5 (Surr)	*72*		*27 - 120*	*09/27/25 15:54*	*09/28/25 13:16*	*1*
Phenol-d5 (Surr)	*70*		*28 - 118*	*09/27/25 15:54*	*09/28/25 13:16*	*1*
Terphenyl-d14 (Surr)	*77*		*33 - 124*	*09/27/25 15:54*	*09/28/25 13:16*	*1*

Method: SW846 8081B - Organochlorine Pesticides (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
4,4'-DDD	0.0072	U	0.0072	0.0012	mg/Kg	☼	09/27/25 19:28	09/28/25 10:06	1
4,4'-DDE	0.0072	U	0.0072	0.00085	mg/Kg	☼	09/27/25 19:28	09/28/25 10:06	1
4,4'-DDT	**0.0043**	**J**	0.0072	0.0013	mg/Kg	☼	09/27/25 19:28	09/28/25 10:06	1
Aldrin	0.0072	U	0.0072	0.0011	mg/Kg	☼	09/27/25 19:28	09/28/25 10:06	1
alpha-BHC	0.0021	U	0.0021	0.00073	mg/Kg	☼	09/27/25 19:28	09/28/25 10:06	1
beta-BHC	0.0021	U	0.0021	0.00081	mg/Kg	☼	09/27/25 19:28	09/28/25 10:06	1
Chlordane (technical)	0.072	U	0.072	0.017	mg/Kg	☼	09/27/25 19:28	09/28/25 10:06	1
cis-Chlordane	0.0072	U	0.0072	0.0011	mg/Kg	☼	09/27/25 19:28	09/28/25 10:06	1
delta-BHC	0.0021	U	0.0021	0.00044	mg/Kg	☼	09/27/25 19:28	09/28/25 10:06	1
Dieldrin	0.0021	U	0.0021	0.00093	mg/Kg	☼	09/27/25 19:28	09/28/25 10:06	1
Endosulfan I	0.0072	U	0.0072	0.0011	mg/Kg	☼	09/27/25 19:28	09/28/25 10:06	1
Endosulfan II	0.0072	U	0.0072	0.0018	mg/Kg	☼	09/27/25 19:28	09/28/25 10:06	1
Endosulfan sulfate	0.0072	U	0.0072	0.00090	mg/Kg	☼	09/27/25 19:28	09/28/25 10:06	1
Endrin	0.0072	U	0.0072	0.0010	mg/Kg	☼	09/27/25 19:28	09/28/25 10:06	1
Endrin aldehyde	0.0072	U	0.0072	0.0017	mg/Kg	☼	09/27/25 19:28	09/28/25 10:06	1
Endrin ketone	0.0072	U	0.0072	0.0014	mg/Kg	☼	09/27/25 19:28	09/28/25 10:06	1
gamma-BHC (Lindane)	0.0021	U	0.0021	0.00067	mg/Kg	☼	09/27/25 19:28	09/28/25 10:06	1
Heptachlor	0.0072	U	0.0072	0.00085	mg/Kg	☼	09/27/25 19:28	09/28/25 10:06	1
Heptachlor epoxide	0.0072	U	0.0072	0.0011	mg/Kg	☼	09/27/25 19:28	09/28/25 10:06	1

Client Sample ID: 53B_0-5
Date Collected: 09/25/25 08:10
Date Received: 09/25/25 16:10

Lab Sample ID: 460-335747-3
Matrix: Solid
Percent Solids: 93.1

Method: SW846 8081B - Organochlorine Pesticides (GC) (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Methoxychlor	0.0072	U	0.0072	0.0016	mg/Kg	☼	09/27/25 19:28	09/28/25 10:06	1
Toxaphene	0.072	U	0.072	0.026	mg/Kg	☼	09/27/25 19:28	09/28/25 10:06	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
DCB Decachlorobiphenyl	*80*		*10 - 150*	*09/27/25 19:28*	*09/28/25 10:06*	*1*
DCB Decachlorobiphenyl	*100*		*10 - 150*	*09/27/25 19:28*	*09/28/25 10:06*	*1*
Tetrachloro-m-xylene	*60*		*14 - 150*	*09/27/25 19:28*	*09/28/25 10:06*	*1*
Tetrachloro-m-xylene	*58*		*14 - 150*	*09/27/25 19:28*	*09/28/25 10:06*	*1*

Method: SW846 8082A - Polychlorinated Biphenyls (PCBs) by Gas Chromatography

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Aroclor 1016	0.072	U	0.072	0.019	mg/Kg	☼	09/27/25 19:23	09/28/25 13:29	1
Aroclor 1221	0.072	U	0.072	0.019	mg/Kg	☼	09/27/25 19:23	09/28/25 13:29	1
Aroclor 1232	0.072	U	0.072	0.019	mg/Kg	☼	09/27/25 19:23	09/28/25 13:29	1
Aroclor 1242	0.072	U	0.072	0.019	mg/Kg	☼	09/27/25 19:23	09/28/25 13:29	1
Aroclor 1248	0.072	U	0.072	0.019	mg/Kg	☼	09/27/25 19:23	09/28/25 13:29	1
Aroclor 1254	0.072	U	0.072	0.019	mg/Kg	☼	09/27/25 19:23	09/28/25 13:29	1
Aroclor 1260	0.072	U	0.072	0.019	mg/Kg	☼	09/27/25 19:23	09/28/25 13:29	1
Aroclor-1262	0.072	U	0.072	0.019	mg/Kg	☼	09/27/25 19:23	09/28/25 13:29	1
Aroclor 1268	0.072	U	0.072	0.019	mg/Kg	☼	09/27/25 19:23	09/28/25 13:29	1
Polychlorinated biphenyls, Total	0.072	U	0.072	0.019	mg/Kg	☼	09/27/25 19:23	09/28/25 13:29	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
DCB Decachlorobiphenyl	*121*		*10 - 150*	*09/27/25 19:23*	*09/28/25 13:29*	*1*
DCB Decachlorobiphenyl	*124*		*10 - 150*	*09/27/25 19:23*	*09/28/25 13:29*	*1*
Tetrachloro-m-xylene	*92*		*10 - 150*	*09/27/25 19:23*	*09/28/25 13:29*	*1*
Tetrachloro-m-xylene	*97*		*10 - 150*	*09/27/25 19:23*	*09/28/25 13:29*	*1*

Method: EPA 1633A - Per- and Polyfluoroalkyl Substances by LC/MS/MS, 1633A

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Perfluorobutanoic acid (PFBA)	0.40	U	0.40	0.099	ug/Kg	☼	10/01/25 06:38	10/02/25 03:06	1
Perfluoropentanoic acid (PFPeA)	0.20	U	0.20	0.099	ug/Kg	☼	10/01/25 06:38	10/02/25 03:06	1
Perfluorohexanoic acid (PFHxA)	0.20	U	0.20	0.099	ug/Kg	☼	10/01/25 06:38	10/02/25 03:06	1
Perfluoroheptanoic acid (PFHpA)	**0.21**		0.20	0.099	ug/Kg	☼	10/01/25 06:38	10/02/25 03:06	1
Perfluorooctanoic acid (PFOA)	**0.25**		0.20	0.060	ug/Kg	☼	10/01/25 06:38	10/02/25 03:06	1
Perfluorononanoic acid (PFNA)	**0.43**		0.20	0.099	ug/Kg	☼	10/01/25 06:38	10/02/25 03:06	1
Perfluorodecanoic acid (PFDA)	**0.81**		0.20	0.060	ug/Kg	☼	10/01/25 06:38	10/02/25 03:06	1
Perfluoroundecanoic acid (PFUnA)	**3.62**		0.20	0.099	ug/Kg	☼	10/01/25 06:38	10/02/25 03:06	1
Perfluorododecanoic acid (PFDoA)	**0.49**		0.20	0.099	ug/Kg	☼	10/01/25 06:38	10/02/25 03:06	1
Perfluorotridecanoic acid (PFTrDA)	**1.82**		0.20	0.099	ug/Kg	☼	10/01/25 06:38	10/02/25 03:06	1
Perfluorotetradecanoic acid (PFTeDA)	**0.13**	**J**	0.20	0.099	ug/Kg	☼	10/01/25 06:38	10/02/25 03:06	1
Perfluorobutanesulfonic acid (PFBS)	0.20	U	0.20	0.099	ug/Kg	☼	10/01/25 06:38	10/02/25 03:06	1
Perfluoropentanesulfonic acid (PFPeS)	0.20	U	0.20	0.099	ug/Kg	☼	10/01/25 06:38	10/02/25 03:06	1
Perfluorohexanesulfonic acid (PFHxS)	0.20	U	0.20	0.099	ug/Kg	☼	10/01/25 06:38	10/02/25 03:06	1
Perfluoroheptanesulfonic acid (PFHpS)	0.20	U	0.20	0.099	ug/Kg	☼	10/01/25 06:38	10/02/25 03:06	1
Perfluorooctanesulfonic acid (PFOS)	0.20	U	0.20	0.099	ug/Kg	☼	10/01/25 06:38	10/02/25 03:06	1

Client Sample ID: 53B_0-5
Date Collected: 09/25/25 08:10
Date Received: 09/25/25 16:10

Lab Sample ID: 460-335747-3
Matrix: Solid
Percent Solids: 93.1

Method: EPA 1633A - Per- and Polyfluoroalkyl Substances by LC/MS/MS, 1633A (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Perfluorononanesulfonic acid (PFNS)	0.20	U	0.20	0.099	ug/Kg	☼	10/01/25 06:38	10/02/25 03:06	1
Perfluorodecanesulfonic acid (PFDS)	0.20	U	0.20	0.099	ug/Kg	☼	10/01/25 06:38	10/02/25 03:06	1
Perfluorododecanesulfonic acid (PFDoS)	0.20	U	0.20	0.099	ug/Kg	☼	10/01/25 06:38	10/02/25 03:06	1
1H,1H,2H,2H-Perfluorohexane sulfonic acid (4:2 FTS)	0.40	U	0.40	0.20	ug/Kg	☼	10/01/25 06:38	10/02/25 03:06	1
1H,1H,2H,2H-Perfluorooctane sulfonic acid (6:2 FTS)	**0.20**	**J**	0.40	0.20	ug/Kg	☼	10/01/25 06:38	10/02/25 03:06	1
1H,1H,2H,2H-Perfluorodecane sulfonic acid (8:2 FTS)	**6.08**		0.40	0.20	ug/Kg	☼	10/01/25 06:38	10/02/25 03:06	1
Perfluorooctanesulfonamide (PFOSA)	0.20	U	0.20	0.099	ug/Kg	☼	10/01/25 06:38	10/02/25 03:06	1
N-methylperfluorooctane sulfonamide (NMeFOSA)	0.20	U	0.20	0.099	ug/Kg	☼	10/01/25 06:38	10/02/25 03:06	1
N-ethylperfluorooctane sulfonamide (NEtFOSA)	0.20	U	0.20	0.099	ug/Kg	☼	10/01/25 06:38	10/02/25 03:06	1
N-methylperfluorooctanesulfonamidoacetic acid (NMeFOSAA)	0.20	U	0.20	0.099	ug/Kg	☼	10/01/25 06:38	10/02/25 03:06	1
N-ethylperfluorooctanesulfonamidoacetic acid (NEtFOSAA)	0.20	U	0.20	0.099	ug/Kg	☼	10/01/25 06:38	10/02/25 03:06	1
N-methylperfluorooctane sulfonamidoethanol (NMeFOSE)	0.99	U	0.99	0.50	ug/Kg	☼	10/01/25 06:38	10/02/25 03:06	1
N-ethylperfluorooctane sulfonamidoethanol (NEtFOSE)	0.99	U	0.99	0.50	ug/Kg	☼	10/01/25 06:38	10/02/25 03:06	1
Hexafluoropropylene Oxide Dimer Acid (HFPO-DA)	0.20	U	0.20	0.099	ug/Kg	☼	10/01/25 06:38	10/02/25 03:06	1
4,8-Dioxa-3H-perfluorononanoic acid (ADONA)	0.20	U	0.20	0.099	ug/Kg	☼	10/01/25 06:38	10/02/25 03:06	1
Perfluoro-3-methoxypropanoic acid (PFMPA)	0.20	U	0.20	0.099	ug/Kg	☼	10/01/25 06:38	10/02/25 03:06	1
Perfluoro-4-methoxybutanoic acid (PFMBA)	0.20	U	0.20	0.099	ug/Kg	☼	10/01/25 06:38	10/02/25 03:06	1
Nonafluoro-3,6-dioxaheptanoic acid (NFDHA)	0.20	U	0.20	0.099	ug/Kg	☼	10/01/25 06:38	10/02/25 03:06	1
9-Chlorohexadecafluoro-3-oxanonane-1-sulfonic acid (9Cl-PF3ONS)	0.20	U	0.20	0.099	ug/Kg	☼	10/01/25 06:38	10/02/25 03:06	1
11-Chloroeicosafluoro-3-oxaundecane-1-sulfonic acid (11Cl-PF3OUdS)	0.20	U	0.20	0.099	ug/Kg	☼	10/01/25 06:38	10/02/25 03:06	1
Perfluoro (2-ethoxyethane) sulfonic acid (PFEESA)	0.20	U	0.20	0.099	ug/Kg	☼	10/01/25 06:38	10/02/25 03:06	1
3-Perfluoropropylpropanoic acid (3:3 FTCA)	0.40	U	0.40	0.20	ug/Kg	☼	10/01/25 06:38	10/02/25 03:06	1
3-Perfluoropentylpropanoic acid (5:3 FTCA)	0.99	U	0.99	0.50	ug/Kg	☼	10/01/25 06:38	10/02/25 03:06	1
3-Perfluoroheptylpropanoic acid (7:3 FTCA)	**0.73**	**J**	0.99	0.50	ug/Kg	☼	10/01/25 06:38	10/02/25 03:06	1

Isotope Dilution	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
13C4 PFBA	*96.9*		*8 - 130*	*10/01/25 06:38*	*10/02/25 03:06*	*1*
13C5 PFPeA	*88.2*		*35 - 130*	*10/01/25 06:38*	*10/02/25 03:06*	*1*
13C5 PFHxA	*86.5*		*40 - 130*	*10/01/25 06:38*	*10/02/25 03:06*	*1*
13C4 PFHpA	*88.1*		*40 - 130*	*10/01/25 06:38*	*10/02/25 03:06*	*1*
13C8 PFOA	*90.8*		*40 - 130*	*10/01/25 06:38*	*10/02/25 03:06*	*1*
13C9 PFNA	*91.7*		*40 - 130*	*10/01/25 06:38*	*10/02/25 03:06*	*1*
13C6 PFDA	*87.4*		*40 - 130*	*10/01/25 06:38*	*10/02/25 03:06*	*1*
13C7 PFUnA	*82.6*		*40 - 130*	*10/01/25 06:38*	*10/02/25 03:06*	*1*

Client Sample ID: 53B_0-5

Date Collected: 09/25/25 08:10
Date Received: 09/25/25 16:10

Lab Sample ID: 460-335747-3

Matrix: Solid
Percent Solids: 93.1

Method: EPA 1633A - Per- and Polyfluoroalkyl Substances by LC/MS/MS, 1633A (Continued)

Isotope Dilution	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
13C2 PFTeDA	53.6		20 - 130	10/01/25 06:38	10/02/25 03:06	1
13C3 PFBS	81.5		40 - 135	10/01/25 06:38	10/02/25 03:06	1
13C3 PFHxS	82.8		40 - 130	10/01/25 06:38	10/02/25 03:06	1
13C8 PFOS	85.4		40 - 130	10/01/25 06:38	10/02/25 03:06	1
13C8 FOSA	97.0		40 - 130	10/01/25 06:38	10/02/25 03:06	1
d3-NMeFOSAA	114		40 - 135	10/01/25 06:38	10/02/25 03:06	1
d5-NEtFOSAA	104		40 - 150	10/01/25 06:38	10/02/25 03:06	1
13C2 4:2 FTS	127		40 - 165	10/01/25 06:38	10/02/25 03:06	1
13C2 6:2 FTS	145		40 - 215	10/01/25 06:38	10/02/25 03:06	1
13C2 8:2 FTS	122		40 - 275	10/01/25 06:38	10/02/25 03:06	1
13C3 HFPO-DA	81.4		40 - 130	10/01/25 06:38	10/02/25 03:06	1
d7-N-MeFOSE-M	61.4		20 - 130	10/01/25 06:38	10/02/25 03:06	1
d9-N-EtFOSE-M	51.8		15 - 130	10/01/25 06:38	10/02/25 03:06	1
d5-NEtPFOSA	65.0		10 - 130	10/01/25 06:38	10/02/25 03:06	1
d3-NMePFOSA	76.9		10 - 130	10/01/25 06:38	10/02/25 03:06	1
13C2 PFDoA	81.3		40 - 130	10/01/25 06:38	10/02/25 03:06	1

Method: SW846 6020B - Metals (ICP/MS)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Aluminum	12900		19.2	5.3	mg/Kg	☼	10/01/25 08:03	10/01/25 19:43	1
Antimony	0.76	J	0.96	0.14	mg/Kg	☼	10/01/25 08:03	10/01/25 19:43	1
Arsenic	7.1		0.96	0.099	mg/Kg	☼	10/01/25 08:03	10/01/25 19:43	1
Barium	171		1.9	0.14	mg/Kg	☼	10/01/25 08:03	10/01/25 19:43	1
Beryllium	1.1		0.38	0.021	mg/Kg	☼	10/01/25 08:03	10/01/25 19:43	1
Cadmium	1.0		0.96	0.11	mg/Kg	☼	10/01/25 08:03	10/01/25 19:43	1
Calcium	4830		95.9	9.3	mg/Kg	☼	10/01/25 08:03	10/01/25 19:43	1
Chromium	37.6		1.9	0.28	mg/Kg	☼	10/01/25 08:03	10/01/25 19:43	1
Cobalt	12.9		0.96	0.14	mg/Kg	☼	10/01/25 08:03	10/01/25 19:43	1
Copper	44.6		1.9	0.35	mg/Kg	☼	10/01/25 08:03	10/01/25 19:43	1
Iron	29300		57.6	7.3	mg/Kg	☼	10/01/25 08:03	10/01/25 19:43	1
Lead	833		0.58	0.19	mg/Kg	☼	10/01/25 08:03	10/01/25 19:43	1
Magnesium	3010		95.9	9.8	mg/Kg	☼	10/01/25 08:03	10/01/25 19:43	1
Manganese	212		3.8	0.39	mg/Kg	☼	10/01/25 08:03	10/01/25 19:43	1
Nickel	21.5		1.9	0.17	mg/Kg	☼	10/01/25 08:03	10/01/25 19:43	1
Potassium	1640		95.9	15.5	mg/Kg	☼	10/01/25 08:03	10/01/25 19:43	1
Selenium	0.28	J	1.2	0.12	mg/Kg	☼	10/01/25 08:03	10/01/25 19:43	1
Silver	0.19	J	0.38	0.085	mg/Kg	☼	10/01/25 08:03	10/01/25 19:43	1
Sodium	403		95.9	43.8	mg/Kg	☼	10/01/25 08:03	10/01/25 19:43	1
Thallium	0.15	J	0.38	0.039	mg/Kg	☼	10/01/25 08:03	10/01/25 19:43	1
Vanadium	31.1		1.9	0.20	mg/Kg	☼	10/01/25 08:03	10/01/25 19:43	1
Zinc	504		7.7	1.0	mg/Kg	☼	10/01/25 08:03	10/01/25 19:43	1

Method: SW846 7471B - Mercury (CVAA)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	0.021		0.017	0.0079	mg/Kg	☼	10/01/25 02:19	10/01/25 18:31	1

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Percent Moisture (EPA Moisture)	6.9		1.0	1.0	%			09/30/25 17:39	1
Percent Solids (EPA Moisture)	93.1		1.0	1.0	%			09/30/25 17:39	1

Client: Haley & Aldrich, Inc.
Project/Site: Former Port Mobil

Job ID: 460-335747-1

Client Sample ID: 53B_5-10
Date Collected: 09/25/25 08:15
Date Received: 09/25/25 16:10

Lab Sample ID: 460-335747-4
Matrix: Solid
Percent Solids: 84.1

Method: SW846 8270E - Semivolatile Organic Compounds (GC/MS)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1'-Biphenyl	0.39	U	0.39	0.014	mg/Kg	☼	09/27/25 15:54	09/28/25 12:24	1
1,2,4,5-Tetrachlorobenzene	0.39	U	0.39	0.012	mg/Kg	☼	09/27/25 15:54	09/28/25 12:24	1
1,4-Dioxane	0.039	U	0.039	0.034	mg/Kg	☼	09/27/25 15:54	09/28/25 12:24	1
2,2'-oxybis[1-chloropropane]	0.39	U	0.39	0.023	mg/Kg	☼	09/27/25 15:54	09/28/25 12:24	1
2,3,4,6-Tetrachlorophenol	0.39	U	0.39	0.027	mg/Kg	☼	09/27/25 15:54	09/28/25 12:24	1
2,4,5-Trichlorophenol	0.39	U	0.39	0.040	mg/Kg	☼	09/27/25 15:54	09/28/25 12:24	1
2,4,6-Trichlorophenol	0.16	U	0.16	0.050	mg/Kg	☼	09/27/25 15:54	09/28/25 12:24	1
2,4-Dichlorophenol	0.16	U	0.16	0.025	mg/Kg	☼	09/27/25 15:54	09/28/25 12:24	1
2,4-Dimethylphenol	0.39	U	0.39	0.047	mg/Kg	☼	09/27/25 15:54	09/28/25 12:24	1
2,4-Dinitrophenol	0.32	U	0.32	0.19	mg/Kg	☼	09/27/25 15:54	09/28/25 12:24	1
2,4-Dinitrotoluene	0.079	U	0.079	0.042	mg/Kg	☼	09/27/25 15:54	09/28/25 12:24	1
2,6-Dinitrotoluene	0.079	U	0.079	0.028	mg/Kg	☼	09/27/25 15:54	09/28/25 12:24	1
2-Chloronaphthalene	0.39	U	0.39	0.050	mg/Kg	☼	09/27/25 15:54	09/28/25 12:24	1
2-Chlorophenol	0.39	U	0.39	0.014	mg/Kg	☼	09/27/25 15:54	09/28/25 12:24	1
2-Methylnaphthalene	0.39	U	0.39	0.011	mg/Kg	☼	09/27/25 15:54	09/28/25 12:24	1
2-Methylphenol	0.39	U	0.39	0.015	mg/Kg	☼	09/27/25 15:54	09/28/25 12:24	1
2-Nitroaniline	0.39	U	0.39	0.030	mg/Kg	☼	09/27/25 15:54	09/28/25 12:24	1
2-Nitrophenol	0.39	U	0.39	0.039	mg/Kg	☼	09/27/25 15:54	09/28/25 12:24	1
3 & 4 Methylphenol	0.39	U	0.39	0.024	mg/Kg	☼	09/27/25 15:54	09/28/25 12:24	1
3,3'-Dichlorobenzidine	0.16	U	0.16	0.059	mg/Kg	☼	09/27/25 15:54	09/28/25 12:24	1
3-Nitroaniline	0.39	U	0.39	0.093	mg/Kg	☼	09/27/25 15:54	09/28/25 12:24	1
4,6-Dinitro-2-methylphenol	0.32	U	0.32	0.16	mg/Kg	☼	09/27/25 15:54	09/28/25 12:24	1
4-Bromophenyl phenyl ether	0.39	U	0.39	0.016	mg/Kg	☼	09/27/25 15:54	09/28/25 12:24	1
4-Chloro-3-methylphenol	0.39	U	0.39	0.022	mg/Kg	☼	09/27/25 15:54	09/28/25 12:24	1
4-Chloroaniline	0.39	U	0.39	0.070	mg/Kg	☼	09/27/25 15:54	09/28/25 12:24	1
4-Chlorophenyl phenyl ether	0.39	U	0.39	0.014	mg/Kg	☼	09/27/25 15:54	09/28/25 12:24	1
4-Methylphenol	0.39	U	0.39	0.024	mg/Kg	☼	09/27/25 15:54	09/28/25 12:24	1
4-Nitroaniline	0.39	U	0.39	0.099	mg/Kg	☼	09/27/25 15:54	09/28/25 12:24	1
4-Nitrophenol	0.79	U	0.79	0.064	mg/Kg	☼	09/27/25 15:54	09/28/25 12:24	1
Acenaphthene	0.39	U	0.39	0.011	mg/Kg	☼	09/27/25 15:54	09/28/25 12:24	1
Acenaphthylene	0.39	U	0.39	0.011	mg/Kg	☼	09/27/25 15:54	09/28/25 12:24	1
Acetophenone	0.39	U	0.39	0.019	mg/Kg	☼	09/27/25 15:54	09/28/25 12:24	1
Anthracene	0.39	U	0.39	0.012	mg/Kg	☼	09/27/25 15:54	09/28/25 12:24	1
Atrazine	0.16	U *	0.16	0.023	mg/Kg	☼	09/27/25 15:54	09/28/25 12:24	1
Benzaldehyde	0.39	U	0.39	0.065	mg/Kg	☼	09/27/25 15:54	09/28/25 12:24	1
Benzo[a]anthracene	0.039	U	0.039	0.030	mg/Kg	☼	09/27/25 15:54	09/28/25 12:24	1
Benzo[a]pyrene	0.039	U	0.039	0.010	mg/Kg	☼	09/27/25 15:54	09/28/25 12:24	1
Benzo[b]fluoranthene	0.039	U	0.039	0.010	mg/Kg	☼	09/27/25 15:54	09/28/25 12:24	1
Benzo[g,h,i]perylene	0.39	U	0.39	0.012	mg/Kg	☼	09/27/25 15:54	09/28/25 12:24	1
Benzo[k]fluoranthene	0.039	U	0.039	0.0077	mg/Kg	☼	09/27/25 15:54	09/28/25 12:24	1
Bis(2-chloroethoxy)methane	0.39	U	0.39	0.072	mg/Kg	☼	09/27/25 15:54	09/28/25 12:24	1
Bis(2-chloroethyl)ether	0.039	U	0.039	0.014	mg/Kg	☼	09/27/25 15:54	09/28/25 12:24	1
Bis(2-ethylhexyl) phthalate	0.39	U	0.39	0.021	mg/Kg	☼	09/27/25 15:54	09/28/25 12:24	1
Butyl benzyl phthalate	0.39	U	0.39	0.018	mg/Kg	☼	09/27/25 15:54	09/28/25 12:24	1
Caprolactam	0.39	U *	0.39	0.061	mg/Kg	☼	09/27/25 15:54	09/28/25 12:24	1
Carbazole	0.39	U	0.39	0.015	mg/Kg	☼	09/27/25 15:54	09/28/25 12:24	1
Chrysene	0.39	U	0.39	0.016	mg/Kg	☼	09/27/25 15:54	09/28/25 12:24	1
Dibenz(a,h)anthracene	0.039	U	0.039	0.017	mg/Kg	☼	09/27/25 15:54	09/28/25 12:24	1
Dibenzofuran	0.39	U	0.39	0.013	mg/Kg	☼	09/27/25 15:54	09/28/25 12:24	1

Client Sample ID: 53B_5-10
Date Collected: 09/25/25 08:15
Date Received: 09/25/25 16:10

Lab Sample ID: 460-335747-4
Matrix: Solid
Percent Solids: 84.1

Method: SW846 8270E - Semivolatile Organic Compounds (GC/MS) (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Diethyl phthalate	0.39	U	0.39	0.013	mg/Kg	☼	09/27/25 15:54	09/28/25 12:24	1
Dimethyl phthalate	0.39	U	0.39	0.089	mg/Kg	☼	09/27/25 15:54	09/28/25 12:24	1
Di-n-butyl phthalate	0.39	U	0.39	0.015	mg/Kg	☼	09/27/25 15:54	09/28/25 12:24	1
Di-n-octyl phthalate	0.39	U	0.39	0.021	mg/Kg	☼	09/27/25 15:54	09/28/25 12:24	1
Fluoranthene	0.39	U	0.39	0.014	mg/Kg	☼	09/27/25 15:54	09/28/25 12:24	1
Fluorene	0.39	U	0.39	0.011	mg/Kg	☼	09/27/25 15:54	09/28/25 12:24	1
Hexachlorobenzene	0.039	U	0.039	0.019	mg/Kg	☼	09/27/25 15:54	09/28/25 12:24	1
Hexachlorobutadiene	0.079	U	0.079	0.0083	mg/Kg	☼	09/27/25 15:54	09/28/25 12:24	1
Hexachlorocyclopentadiene	0.39	U	0.39	0.034	mg/Kg	☼	09/27/25 15:54	09/28/25 12:24	1
Hexachloroethane	0.039	U	0.039	0.013	mg/Kg	☼	09/27/25 15:54	09/28/25 12:24	1
Indeno[1,2,3-cd]pyrene	0.039	U	0.039	0.015	mg/Kg	☼	09/27/25 15:54	09/28/25 12:24	1
Isophorone	0.16	U	0.16	0.11	mg/Kg	☼	09/27/25 15:54	09/28/25 12:24	1
Naphthalene	0.39	U	0.39	0.0068	mg/Kg	☼	09/27/25 15:54	09/28/25 12:24	1
Nitrobenzene	0.039	U	0.039	0.022	mg/Kg	☼	09/27/25 15:54	09/28/25 12:24	1
N-Nitrosodi-n-propylamine	0.039	U	0.039	0.028	mg/Kg	☼	09/27/25 15:54	09/28/25 12:24	1
N-Nitrosodiphenylamine	0.39	U	0.39	0.032	mg/Kg	☼	09/27/25 15:54	09/28/25 12:24	1
Pentachlorophenol	0.32	U	0.32	0.080	mg/Kg	☼	09/27/25 15:54	09/28/25 12:24	1
Phenanthrene	0.39	U	0.39	0.016	mg/Kg	☼	09/27/25 15:54	09/28/25 12:24	1
Phenol	0.39	U	0.39	0.014	mg/Kg	☼	09/27/25 15:54	09/28/25 12:24	1
Pyrene	0.39	U	0.39	0.0097	mg/Kg	☼	09/27/25 15:54	09/28/25 12:24	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
2,4,6-Tribromophenol (Surr)	*57*		*18 - 137*	*09/27/25 15:54*	*09/28/25 12:24*	*1*
2-Fluorobiphenyl	*55*		*33 - 117*	*09/27/25 15:54*	*09/28/25 12:24*	*1*
2-Fluorophenol (Surr)	*58*		*24 - 120*	*09/27/25 15:54*	*09/28/25 12:24*	*1*
Nitrobenzene-d5 (Surr)	*57*		*27 - 120*	*09/27/25 15:54*	*09/28/25 12:24*	*1*
Phenol-d5 (Surr)	*56*		*28 - 118*	*09/27/25 15:54*	*09/28/25 12:24*	*1*
Terphenyl-d14 (Surr)	*64*		*33 - 124*	*09/27/25 15:54*	*09/28/25 12:24*	*1*

Method: SW846 8081B - Organochlorine Pesticides (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
4,4'-DDD	0.0080	U	0.0080	0.0014	mg/Kg	☼	09/27/25 19:28	09/28/25 10:19	1
4,4'-DDE	0.0080	U	0.0080	0.00094	mg/Kg	☼	09/27/25 19:28	09/28/25 10:19	1
4,4'-DDT	**0.0028**	**J**	0.0080	0.0015	mg/Kg	☼	09/27/25 19:28	09/28/25 10:19	1
Aldrin	0.0080	U	0.0080	0.0012	mg/Kg	☼	09/27/25 19:28	09/28/25 10:19	1
alpha-BHC	0.0024	U	0.0024	0.00081	mg/Kg	☼	09/27/25 19:28	09/28/25 10:19	1
beta-BHC	0.0024	U	0.0024	0.00089	mg/Kg	☼	09/27/25 19:28	09/28/25 10:19	1
Chlordane (technical)	0.080	U	0.080	0.019	mg/Kg	☼	09/27/25 19:28	09/28/25 10:19	1
cis-Chlordane	0.0080	U	0.0080	0.0013	mg/Kg	☼	09/27/25 19:28	09/28/25 10:19	1
delta-BHC	0.0024	U	0.0024	0.00049	mg/Kg	☼	09/27/25 19:28	09/28/25 10:19	1
Dieldrin	0.0024	U	0.0024	0.0010	mg/Kg	☼	09/27/25 19:28	09/28/25 10:19	1
Endosulfan I	0.0080	U	0.0080	0.0012	mg/Kg	☼	09/27/25 19:28	09/28/25 10:19	1
Endosulfan II	0.0080	U	0.0080	0.0020	mg/Kg	☼	09/27/25 19:28	09/28/25 10:19	1
Endosulfan sulfate	0.0080	U	0.0080	0.0010	mg/Kg	☼	09/27/25 19:28	09/28/25 10:19	1
Endrin	0.0080	U	0.0080	0.0011	mg/Kg	☼	09/27/25 19:28	09/28/25 10:19	1
Endrin aldehyde	0.0080	U	0.0080	0.0019	mg/Kg	☼	09/27/25 19:28	09/28/25 10:19	1
Endrin ketone	0.0080	U	0.0080	0.0015	mg/Kg	☼	09/27/25 19:28	09/28/25 10:19	1
gamma-BHC (Lindane)	0.0024	U	0.0024	0.00074	mg/Kg	☼	09/27/25 19:28	09/28/25 10:19	1
Heptachlor	0.0080	U	0.0080	0.00094	mg/Kg	☼	09/27/25 19:28	09/28/25 10:19	1
Heptachlor epoxide	0.0080	U	0.0080	0.0012	mg/Kg	☼	09/27/25 19:28	09/28/25 10:19	1

Client Sample ID: 53B_5-10
Date Collected: 09/25/25 08:15
Date Received: 09/25/25 16:10

Lab Sample ID: 460-335747-4
Matrix: Solid
Percent Solids: 84.1

Method: SW846 8081B - Organochlorine Pesticides (GC) (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Methoxychlor	0.0080	U	0.0080	0.0018	mg/Kg	☼	09/27/25 19:28	09/28/25 10:19	1
Toxaphene	0.080	U	0.080	0.029	mg/Kg	☼	09/27/25 19:28	09/28/25 10:19	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
DCB Decachlorobiphenyl	*84*		*10 - 150*	*09/27/25 19:28*	*09/28/25 10:19*	*1*
DCB Decachlorobiphenyl	*114*		*10 - 150*	*09/27/25 19:28*	*09/28/25 10:19*	*1*
Tetrachloro-m-xylene	*72*		*14 - 150*	*09/27/25 19:28*	*09/28/25 10:19*	*1*
Tetrachloro-m-xylene	*74*		*14 - 150*	*09/27/25 19:28*	*09/28/25 10:19*	*1*

Method: SW846 8082A - Polychlorinated Biphenyls (PCBs) by Gas Chromatography

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Aroclor 1016	0.080	U	0.080	0.021	mg/Kg	☼	09/27/25 19:23	09/28/25 13:46	1
Aroclor 1221	0.080	U	0.080	0.021	mg/Kg	☼	09/27/25 19:23	09/28/25 13:46	1
Aroclor 1232	0.080	U	0.080	0.021	mg/Kg	☼	09/27/25 19:23	09/28/25 13:46	1
Aroclor 1242	0.080	U	0.080	0.021	mg/Kg	☼	09/27/25 19:23	09/28/25 13:46	1
Aroclor 1248	0.080	U	0.080	0.021	mg/Kg	☼	09/27/25 19:23	09/28/25 13:46	1
Aroclor 1254	0.080	U	0.080	0.021	mg/Kg	☼	09/27/25 19:23	09/28/25 13:46	1
Aroclor 1260	0.080	U	0.080	0.021	mg/Kg	☼	09/27/25 19:23	09/28/25 13:46	1
Aroclor-1262	0.080	U	0.080	0.021	mg/Kg	☼	09/27/25 19:23	09/28/25 13:46	1
Aroclor 1268	0.080	U	0.080	0.021	mg/Kg	☼	09/27/25 19:23	09/28/25 13:46	1
Polychlorinated biphenyls, Total	0.080	U	0.080	0.021	mg/Kg	☼	09/27/25 19:23	09/28/25 13:46	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
DCB Decachlorobiphenyl	*105*		*10 - 150*	*09/27/25 19:23*	*09/28/25 13:46*	*1*
DCB Decachlorobiphenyl	*109*		*10 - 150*	*09/27/25 19:23*	*09/28/25 13:46*	*1*
Tetrachloro-m-xylene	*90*		*10 - 150*	*09/27/25 19:23*	*09/28/25 13:46*	*1*
Tetrachloro-m-xylene	*95*		*10 - 150*	*09/27/25 19:23*	*09/28/25 13:46*	*1*

Method: EPA 1633A - Per- and Polyfluoroalkyl Substances by LC/MS/MS, 1633A

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Perfluorobutanoic acid (PFBA)	0.40	U	0.40	0.099	ug/Kg	☼	10/01/25 06:38	10/02/25 03:20	1
Perfluoropentanoic acid (PFPeA)	0.20	U	0.20	0.099	ug/Kg	☼	10/01/25 06:38	10/02/25 03:20	1
Perfluorohexanoic acid (PFHxA)	0.20	U	0.20	0.099	ug/Kg	☼	10/01/25 06:38	10/02/25 03:20	1
Perfluoroheptanoic acid (PFHpA)	0.20	U	0.20	0.099	ug/Kg	☼	10/01/25 06:38	10/02/25 03:20	1
Perfluorooctanoic acid (PFOA)	0.20	U	0.20	0.059	ug/Kg	☼	10/01/25 06:38	10/02/25 03:20	1
Perfluorononanoic acid (PFNA)	0.20	U	0.20	0.099	ug/Kg	☼	10/01/25 06:38	10/02/25 03:20	1
Perfluorodecanoic acid (PFDA)	**0.13**	**J**	0.20	0.059	ug/Kg	☼	10/01/25 06:38	10/02/25 03:20	1
Perfluoroundecanoic acid (PFUnA)	**2.36**		0.20	0.099	ug/Kg	☼	10/01/25 06:38	10/02/25 03:20	1
Perfluorododecanoic acid (PFDoA)	0.20	U	0.20	0.099	ug/Kg	☼	10/01/25 06:38	10/02/25 03:20	1
Perfluorotridecanoic acid (PFTrDA)	**1.24**		0.20	0.099	ug/Kg	☼	10/01/25 06:38	10/02/25 03:20	1
Perfluorotetradecanoic acid (PFTeDA)	0.20	U	0.20	0.099	ug/Kg	☼	10/01/25 06:38	10/02/25 03:20	1
Perfluorobutanesulfonic acid (PFBS)	0.20	U	0.20	0.099	ug/Kg	☼	10/01/25 06:38	10/02/25 03:20	1
Perfluoropentanesulfonic acid (PFPeS)	0.20	U	0.20	0.099	ug/Kg	☼	10/01/25 06:38	10/02/25 03:20	1
Perfluorohexanesulfonic acid (PFHxS)	0.20	U	0.20	0.099	ug/Kg	☼	10/01/25 06:38	10/02/25 03:20	1
Perfluoroheptanesulfonic acid (PFHpS)	0.20	U	0.20	0.099	ug/Kg	☼	10/01/25 06:38	10/02/25 03:20	1
Perfluorooctanesulfonic acid (PFOS)	0.20	U	0.20	0.099	ug/Kg	☼	10/01/25 06:38	10/02/25 03:20	1
Perfluorononanesulfonic acid (PFNS)	0.20	U	0.20	0.099	ug/Kg	☼	10/01/25 06:38	10/02/25 03:20	1

Client Sample ID: 53B_5-10
Date Collected: 09/25/25 08:15
Date Received: 09/25/25 16:10

Lab Sample ID: 460-335747-4
Matrix: Solid
Percent Solids: 84.1

Method: EPA 1633A - Per- and Polyfluoroalkyl Substances by LC/MS/MS, 1633A (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Perfluorodecanesulfonic acid (PFDS)	0.20	U	0.20	0.099	ug/Kg	☼	10/01/25 06:38	10/02/25 03:20	1
Perfluorododecanesulfonic acid (PFDoS)	0.20	U	0.20	0.099	ug/Kg	☼	10/01/25 06:38	10/02/25 03:20	1
1H,1H,2H,2H-Perfluorohexane sulfonic acid (4:2 FTS)	0.40	U	0.40	0.20	ug/Kg	☼	10/01/25 06:38	10/02/25 03:20	1
1H,1H,2H,2H-Perfluorooctane sulfonic acid (6:2 FTS)	0.40	U	0.40	0.20	ug/Kg	☼	10/01/25 06:38	10/02/25 03:20	1
1H,1H,2H,2H-Perfluorodecane sulfonic acid (8:2 FTS)	0.40	U	0.40	0.20	ug/Kg	☼	10/01/25 06:38	10/02/25 03:20	1
Perfluorooctanesulfonamide (PFOSA)	0.20	U	0.20	0.099	ug/Kg	☼	10/01/25 06:38	10/02/25 03:20	1
N-methylperfluorooctane sulfonamide (NMeFOSA)	0.20	U	0.20	0.099	ug/Kg	☼	10/01/25 06:38	10/02/25 03:20	1
N-ethylperfluorooctane sulfonamide (NEtFOSA)	0.20	U	0.20	0.099	ug/Kg	☼	10/01/25 06:38	10/02/25 03:20	1
N-methylperfluorooctanesulfonamidoacetic acid (NMeFOSAA)	0.20	U	0.20	0.099	ug/Kg	☼	10/01/25 06:38	10/02/25 03:20	1
N-ethylperfluorooctanesulfonamidoacetic acid (NEtFOSAA)	0.20	U	0.20	0.099	ug/Kg	☼	10/01/25 06:38	10/02/25 03:20	1
N-methylperfluorooctane sulfonamidoethanol (NMeFOSE)	0.99	U	0.99	0.50	ug/Kg	☼	10/01/25 06:38	10/02/25 03:20	1
N-ethylperfluorooctane sulfonamidoethanol (NEtFOSE)	0.99	U	0.99	0.50	ug/Kg	☼	10/01/25 06:38	10/02/25 03:20	1
Hexafluoropropylene Oxide Dimer Acid (HFPO-DA)	0.20	U	0.20	0.099	ug/Kg	☼	10/01/25 06:38	10/02/25 03:20	1
4,8-Dioxa-3H-perfluorononanoic acid (ADONA)	0.20	U	0.20	0.099	ug/Kg	☼	10/01/25 06:38	10/02/25 03:20	1
Perfluoro-3-methoxypropanoic acid (PFMPA)	0.20	U	0.20	0.099	ug/Kg	☼	10/01/25 06:38	10/02/25 03:20	1
Perfluoro-4-methoxybutanoic acid (PFMBA)	0.20	U	0.20	0.099	ug/Kg	☼	10/01/25 06:38	10/02/25 03:20	1
Nonafluoro-3,6-dioxaheptanoic acid (NFDHA)	0.20	U	0.20	0.099	ug/Kg	☼	10/01/25 06:38	10/02/25 03:20	1
9-Chlorohexadecafluoro-3-oxanonane-1-sulfonic acid (9Cl-PF3ONS)	0.20	U	0.20	0.099	ug/Kg	☼	10/01/25 06:38	10/02/25 03:20	1
11-Chloroeicosafluoro-3-oxaundecane-1-sulfonic acid (11Cl-PF3OUdS)	0.20	U	0.20	0.099	ug/Kg	☼	10/01/25 06:38	10/02/25 03:20	1
Perfluoro (2-ethoxyethane) sulfonic acid (PFEESA)	0.20	U	0.20	0.099	ug/Kg	☼	10/01/25 06:38	10/02/25 03:20	1
3-Perfluoropropylpropanoic acid (3:3 FTCA)	0.40	U	0.40	0.20	ug/Kg	☼	10/01/25 06:38	10/02/25 03:20	1
3-Perfluoropentylpropanoic acid (5:3 FTCA)	0.99	U	0.99	0.50	ug/Kg	☼	10/01/25 06:38	10/02/25 03:20	1
3-Perfluoroheptylpropanoic acid (7:3 FTCA)	0.99	U	0.99	0.50	ug/Kg	☼	10/01/25 06:38	10/02/25 03:20	1

Isotope Dilution	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
13C4 PFBA	*92.3*		*8 - 130*	*10/01/25 06:38*	*10/02/25 03:20*	*1*
13C5 PFPeA	*86.1*		*35 - 130*	*10/01/25 06:38*	*10/02/25 03:20*	*1*
13C5 PFHxA	*87.9*		*40 - 130*	*10/01/25 06:38*	*10/02/25 03:20*	*1*
13C4 PFHpA	*88.5*		*40 - 130*	*10/01/25 06:38*	*10/02/25 03:20*	*1*
13C8 PFOA	*89.6*		*40 - 130*	*10/01/25 06:38*	*10/02/25 03:20*	*1*
13C9 PFNA	*90.7*		*40 - 130*	*10/01/25 06:38*	*10/02/25 03:20*	*1*
13C6 PFDA	*90.6*		*40 - 130*	*10/01/25 06:38*	*10/02/25 03:20*	*1*
13C7 PFUnA	*78.3*		*40 - 130*	*10/01/25 06:38*	*10/02/25 03:20*	*1*
13C2 PFTeDA	*79.0*		*20 - 130*	*10/01/25 06:38*	*10/02/25 03:20*	*1*

Client Sample ID: 53B_5-10

Date Collected: 09/25/25 08:15
Date Received: 09/25/25 16:10

Lab Sample ID: 460-335747-4

Matrix: Solid
Percent Solids: 84.1

Method: EPA 1633A - Per- and Polyfluoroalkyl Substances by LC/MS/MS, 1633A (Continued)

Isotope Dilution	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
13C3 PFBS	77.0		40 - 135	10/01/25 06:38	10/02/25 03:20	1
13C3 PFHxS	79.9		40 - 130	10/01/25 06:38	10/02/25 03:20	1
13C8 PFOS	83.3		40 - 130	10/01/25 06:38	10/02/25 03:20	1
13C8 FOSA	90.0		40 - 130	10/01/25 06:38	10/02/25 03:20	1
d3-NMeFOSAA	92.7		40 - 135	10/01/25 06:38	10/02/25 03:20	1
d5-NEtFOSAA	85.1		40 - 150	10/01/25 06:38	10/02/25 03:20	1
13C2 4:2 FTS	78.2		40 - 165	10/01/25 06:38	10/02/25 03:20	1
13C2 6:2 FTS	84.0		40 - 215	10/01/25 06:38	10/02/25 03:20	1
13C2 8:2 FTS	97.3		40 - 275	10/01/25 06:38	10/02/25 03:20	1
13C3 HFPO-DA	84.0		40 - 130	10/01/25 06:38	10/02/25 03:20	1
d7-N-MeFOSE-M	65.8		20 - 130	10/01/25 06:38	10/02/25 03:20	1
d9-N-EtFOSE-M	57.4		15 - 130	10/01/25 06:38	10/02/25 03:20	1
d5-NEtPFOSA	70.3		10 - 130	10/01/25 06:38	10/02/25 03:20	1
d3-NMePFOSA	79.3		10 - 130	10/01/25 06:38	10/02/25 03:20	1
13C2 PFDoA	87.4		40 - 130	10/01/25 06:38	10/02/25 03:20	1

Method: SW846 6020B - Metals (ICP/MS)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Aluminum	9640		21.6	5.9	mg/Kg	☼	10/01/25 08:03	10/01/25 19:51	1
Antimony	0.53	J	1.1	0.16	mg/Kg	☼	10/01/25 08:03	10/01/25 19:51	1
Arsenic	6.3		1.1	0.11	mg/Kg	☼	10/01/25 08:03	10/01/25 19:51	1
Barium	105		2.2	0.16	mg/Kg	☼	10/01/25 08:03	10/01/25 19:51	1
Beryllium	0.76		0.43	0.024	mg/Kg	☼	10/01/25 08:03	10/01/25 19:51	1
Cadmium	0.52	J	1.1	0.12	mg/Kg	☼	10/01/25 08:03	10/01/25 19:51	1
Calcium	2390		108	10.5	mg/Kg	☼	10/01/25 08:03	10/01/25 19:51	1
Chromium	24.4		2.2	0.32	mg/Kg	☼	10/01/25 08:03	10/01/25 19:51	1
Cobalt	6.4		1.1	0.16	mg/Kg	☼	10/01/25 08:03	10/01/25 19:51	1
Copper	33.7		2.2	0.40	mg/Kg	☼	10/01/25 08:03	10/01/25 19:51	1
Iron	21500		64.9	8.3	mg/Kg	☼	10/01/25 08:03	10/01/25 19:51	1
Lead	353		0.65	0.22	mg/Kg	☼	10/01/25 08:03	10/01/25 19:51	1
Magnesium	2450		108	11.0	mg/Kg	☼	10/01/25 08:03	10/01/25 19:51	1
Manganese	169		4.3	0.44	mg/Kg	☼	10/01/25 08:03	10/01/25 19:51	1
Nickel	15.9		2.2	0.19	mg/Kg	☼	10/01/25 08:03	10/01/25 19:51	1
Potassium	1340		108	17.5	mg/Kg	☼	10/01/25 08:03	10/01/25 19:51	1
Selenium	0.18	J	1.4	0.14	mg/Kg	☼	10/01/25 08:03	10/01/25 19:51	1
Silver	0.15	J	0.43	0.096	mg/Kg	☼	10/01/25 08:03	10/01/25 19:51	1
Sodium	223		108	49.4	mg/Kg	☼	10/01/25 08:03	10/01/25 19:51	1
Thallium	0.11	J	0.43	0.044	mg/Kg	☼	10/01/25 08:03	10/01/25 19:51	1
Vanadium	24.2		2.2	0.22	mg/Kg	☼	10/01/25 08:03	10/01/25 19:51	1
Zinc	289		8.7	1.2	mg/Kg	☼	10/01/25 08:03	10/01/25 19:51	1

Method: SW846 7471B - Mercury (CVAA)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	0.029		0.020	0.0092	mg/Kg	☼	10/01/25 02:19	10/01/25 18:54	1

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Percent Moisture (EPA Moisture)	15.9		1.0	1.0	%			09/30/25 17:39	1
Percent Solids (EPA Moisture)	84.1		1.0	1.0	%			09/30/25 17:39	1

Client: Haley & Aldrich, Inc.
Project/Site: Former Port Mobil

Job ID: 460-335747-1

Client Sample ID: 53C_0-5
Date Collected: 09/25/25 08:20
Date Received: 09/25/25 16:10

Lab Sample ID: 460-335747-5
Matrix: Solid
Percent Solids: 91.6

Method: SW846 8270E - Semivolatile Organic Compounds (GC/MS)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1'-Biphenyl	0.36	U	0.36	0.012	mg/Kg	☼	09/27/25 15:54	09/28/25 13:34	1
1,2,4,5-Tetrachlorobenzene	0.36	U	0.36	0.011	mg/Kg	☼	09/27/25 15:54	09/28/25 13:34	1
1,4-Dioxane	0.036	U	0.036	0.031	mg/Kg	☼	09/27/25 15:54	09/28/25 13:34	1
2,2'-oxybis[1-chloropropane]	0.36	U	0.36	0.021	mg/Kg	☼	09/27/25 15:54	09/28/25 13:34	1
2,3,4,6-Tetrachlorophenol	0.36	U	0.36	0.024	mg/Kg	☼	09/27/25 15:54	09/28/25 13:34	1
2,4,5-Trichlorophenol	0.36	U	0.36	0.037	mg/Kg	☼	09/27/25 15:54	09/28/25 13:34	1
2,4,6-Trichlorophenol	0.14	U	0.14	0.046	mg/Kg	☼	09/27/25 15:54	09/28/25 13:34	1
2,4-Dichlorophenol	0.14	U	0.14	0.023	mg/Kg	☼	09/27/25 15:54	09/28/25 13:34	1
2,4-Dimethylphenol	0.36	U	0.36	0.043	mg/Kg	☼	09/27/25 15:54	09/28/25 13:34	1
2,4-Dinitrophenol	0.29	U	0.29	0.18	mg/Kg	☼	09/27/25 15:54	09/28/25 13:34	1
2,4-Dinitrotoluene	0.073	U	0.073	0.039	mg/Kg	☼	09/27/25 15:54	09/28/25 13:34	1
2,6-Dinitrotoluene	0.073	U	0.073	0.026	mg/Kg	☼	09/27/25 15:54	09/28/25 13:34	1
2-Chloronaphthalene	0.36	U	0.36	0.046	mg/Kg	☼	09/27/25 15:54	09/28/25 13:34	1
2-Chlorophenol	0.36	U	0.36	0.013	mg/Kg	☼	09/27/25 15:54	09/28/25 13:34	1
2-Methylnaphthalene	0.36	U	0.36	0.010	mg/Kg	☼	09/27/25 15:54	09/28/25 13:34	1
2-Methylphenol	0.36	U	0.36	0.013	mg/Kg	☼	09/27/25 15:54	09/28/25 13:34	1
2-Nitroaniline	0.36	U	0.36	0.027	mg/Kg	☼	09/27/25 15:54	09/28/25 13:34	1
2-Nitrophenol	0.36	U	0.36	0.036	mg/Kg	☼	09/27/25 15:54	09/28/25 13:34	1
3 & 4 Methylphenol	0.36	U	0.36	0.022	mg/Kg	☼	09/27/25 15:54	09/28/25 13:34	1
3,3'-Dichlorobenzidine	0.14	U	0.14	0.054	mg/Kg	☼	09/27/25 15:54	09/28/25 13:34	1
3-Nitroaniline	0.36	U	0.36	0.085	mg/Kg	☼	09/27/25 15:54	09/28/25 13:34	1
4,6-Dinitro-2-methylphenol	0.29	U	0.29	0.15	mg/Kg	☼	09/27/25 15:54	09/28/25 13:34	1
4-Bromophenyl phenyl ether	0.36	U	0.36	0.014	mg/Kg	☼	09/27/25 15:54	09/28/25 13:34	1
4-Chloro-3-methylphenol	0.36	U	0.36	0.020	mg/Kg	☼	09/27/25 15:54	09/28/25 13:34	1
4-Chloroaniline	0.36	U	0.36	0.064	mg/Kg	☼	09/27/25 15:54	09/28/25 13:34	1
4-Chlorophenyl phenyl ether	0.36	U	0.36	0.013	mg/Kg	☼	09/27/25 15:54	09/28/25 13:34	1
4-Methylphenol	0.36	U	0.36	0.022	mg/Kg	☼	09/27/25 15:54	09/28/25 13:34	1
4-Nitroaniline	0.36	U	0.36	0.091	mg/Kg	☼	09/27/25 15:54	09/28/25 13:34	1
4-Nitrophenol	0.73	U	0.73	0.058	mg/Kg	☼	09/27/25 15:54	09/28/25 13:34	1
Acenaphthene	0.36	U	0.36	0.010	mg/Kg	☼	09/27/25 15:54	09/28/25 13:34	1
Acenaphthylene	0.36	U	0.36	0.010	mg/Kg	☼	09/27/25 15:54	09/28/25 13:34	1
Acetophenone	0.36	U	0.36	0.018	mg/Kg	☼	09/27/25 15:54	09/28/25 13:34	1
Anthracene	0.36	U	0.36	0.011	mg/Kg	☼	09/27/25 15:54	09/28/25 13:34	1
Atrazine	0.14	U *	0.14	0.021	mg/Kg	☼	09/27/25 15:54	09/28/25 13:34	1
Benzaldehyde	0.36	U	0.36	0.059	mg/Kg	☼	09/27/25 15:54	09/28/25 13:34	1
Benzo[a]anthracene	0.036	U	0.036	0.027	mg/Kg	☼	09/27/25 15:54	09/28/25 13:34	1
Benzo[a]pyrene	0.036	U	0.036	0.0096	mg/Kg	☼	09/27/25 15:54	09/28/25 13:34	1
Benzo[b]fluoranthene	0.036	U	0.036	0.0093	mg/Kg	☼	09/27/25 15:54	09/28/25 13:34	1
Benzo[g,h,i]perylene	0.36	U	0.36	0.011	mg/Kg	☼	09/27/25 15:54	09/28/25 13:34	1
Benzo[k]fluoranthene	0.036	U	0.036	0.0070	mg/Kg	☼	09/27/25 15:54	09/28/25 13:34	1
Bis(2-chloroethoxy)methane	0.36	U	0.36	0.066	mg/Kg	☼	09/27/25 15:54	09/28/25 13:34	1
Bis(2-chloroethyl)ether	0.036	U	0.036	0.012	mg/Kg	☼	09/27/25 15:54	09/28/25 13:34	1
Bis(2-ethylhexyl) phthalate	0.36	U	0.36	0.019	mg/Kg	☼	09/27/25 15:54	09/28/25 13:34	1
Butyl benzyl phthalate	0.36	U	0.36	0.017	mg/Kg	☼	09/27/25 15:54	09/28/25 13:34	1
Caprolactam	0.36	U *	0.36	0.056	mg/Kg	☼	09/27/25 15:54	09/28/25 13:34	1
Carbazole	0.36	U	0.36	0.014	mg/Kg	☼	09/27/25 15:54	09/28/25 13:34	1
Chrysene	0.36	U	0.36	0.015	mg/Kg	☼	09/27/25 15:54	09/28/25 13:34	1
Dibenz(a,h)anthracene	0.036	U	0.036	0.016	mg/Kg	☼	09/27/25 15:54	09/28/25 13:34	1
Dibenzofuran	0.36	U	0.36	0.012	mg/Kg	☼	09/27/25 15:54	09/28/25 13:34	1

Client Sample ID: 53C_0-5
Date Collected: 09/25/25 08:20
Date Received: 09/25/25 16:10

Lab Sample ID: 460-335747-5
Matrix: Solid
Percent Solids: 91.6

Method: SW846 8270E - Semivolatile Organic Compounds (GC/MS) (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Diethyl phthalate	0.36	U	0.36	0.012	mg/Kg	☼	09/27/25 15:54	09/28/25 13:34	1
Dimethyl phthalate	0.36	U	0.36	0.081	mg/Kg	☼	09/27/25 15:54	09/28/25 13:34	1
Di-n-butyl phthalate	0.36	U	0.36	0.014	mg/Kg	☼	09/27/25 15:54	09/28/25 13:34	1
Di-n-octyl phthalate	0.36	U	0.36	0.019	mg/Kg	☼	09/27/25 15:54	09/28/25 13:34	1
Fluoranthene	0.36	U	0.36	0.013	mg/Kg	☼	09/27/25 15:54	09/28/25 13:34	1
Fluorene	0.36	U	0.36	0.010	mg/Kg	☼	09/27/25 15:54	09/28/25 13:34	1
Hexachlorobenzene	0.036	U	0.036	0.017	mg/Kg	☼	09/27/25 15:54	09/28/25 13:34	1
Hexachlorobutadiene	0.073	U	0.073	0.0076	mg/Kg	☼	09/27/25 15:54	09/28/25 13:34	1
Hexachlorocyclopentadiene	0.36	U	0.36	0.031	mg/Kg	☼	09/27/25 15:54	09/28/25 13:34	1
Hexachloroethane	0.036	U	0.036	0.012	mg/Kg	☼	09/27/25 15:54	09/28/25 13:34	1
Indeno[1,2,3-cd]pyrene	0.036	U	0.036	0.014	mg/Kg	☼	09/27/25 15:54	09/28/25 13:34	1
Isophorone	0.14	U	0.14	0.10	mg/Kg	☼	09/27/25 15:54	09/28/25 13:34	1
Naphthalene	0.36	U	0.36	0.0062	mg/Kg	☼	09/27/25 15:54	09/28/25 13:34	1
Nitrobenzene	0.036	U	0.036	0.020	mg/Kg	☼	09/27/25 15:54	09/28/25 13:34	1
N-Nitrosodi-n-propylamine	0.036	U	0.036	0.026	mg/Kg	☼	09/27/25 15:54	09/28/25 13:34	1
N-Nitrosodiphenylamine	0.36	U	0.36	0.029	mg/Kg	☼	09/27/25 15:54	09/28/25 13:34	1
Pentachlorophenol	0.29	U	0.29	0.073	mg/Kg	☼	09/27/25 15:54	09/28/25 13:34	1
Phenanthrene	0.36	U	0.36	0.015	mg/Kg	☼	09/27/25 15:54	09/28/25 13:34	1
Phenol	0.36	U	0.36	0.013	mg/Kg	☼	09/27/25 15:54	09/28/25 13:34	1
Pyrene	0.36	U	0.36	0.0089	mg/Kg	☼	09/27/25 15:54	09/28/25 13:34	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
2,4,6-Tribromophenol (Surr)	*75*		*18 - 137*	*09/27/25 15:54*	*09/28/25 13:34*	*1*
2-Fluorobiphenyl	*66*		*33 - 117*	*09/27/25 15:54*	*09/28/25 13:34*	*1*
2-Fluorophenol (Surr)	*67*		*24 - 120*	*09/27/25 15:54*	*09/28/25 13:34*	*1*
Nitrobenzene-d5 (Surr)	*68*		*27 - 120*	*09/27/25 15:54*	*09/28/25 13:34*	*1*
Phenol-d5 (Surr)	*64*		*28 - 118*	*09/27/25 15:54*	*09/28/25 13:34*	*1*
Terphenyl-d14 (Surr)	*79*		*33 - 124*	*09/27/25 15:54*	*09/28/25 13:34*	*1*

Method: SW846 8081B - Organochlorine Pesticides (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
4,4'-DDD	0.0073	U	0.0073	0.0012	mg/Kg	☼	09/27/25 19:28	09/28/25 10:31	1
4,4'-DDE	0.0073	U	0.0073	0.00086	mg/Kg	☼	09/27/25 19:28	09/28/25 10:31	1
4,4'-DDT	0.0073	U	0.0073	0.0013	mg/Kg	☼	09/27/25 19:28	09/28/25 10:31	1
Aldrin	0.0073	U	0.0073	0.0011	mg/Kg	☼	09/27/25 19:28	09/28/25 10:31	1
alpha-BHC	0.0022	U	0.0022	0.00074	mg/Kg	☼	09/27/25 19:28	09/28/25 10:31	1
beta-BHC	0.0022	U	0.0022	0.00082	mg/Kg	☼	09/27/25 19:28	09/28/25 10:31	1
Chlordane (technical)	0.073	U	0.073	0.018	mg/Kg	☼	09/27/25 19:28	09/28/25 10:31	1
cis-Chlordane	0.0073	U	0.0073	0.0012	mg/Kg	☼	09/27/25 19:28	09/28/25 10:31	1
delta-BHC	0.0022	U	0.0022	0.00045	mg/Kg	☼	09/27/25 19:28	09/28/25 10:31	1
Dieldrin	0.0022	U	0.0022	0.00095	mg/Kg	☼	09/27/25 19:28	09/28/25 10:31	1
Endosulfan I	0.0073	U	0.0073	0.0011	mg/Kg	☼	09/27/25 19:28	09/28/25 10:31	1
Endosulfan II	0.0073	U	0.0073	0.0019	mg/Kg	☼	09/27/25 19:28	09/28/25 10:31	1
Endosulfan sulfate	0.0073	U	0.0073	0.00092	mg/Kg	☼	09/27/25 19:28	09/28/25 10:31	1
Endrin	0.0073	U	0.0073	0.0010	mg/Kg	☼	09/27/25 19:28	09/28/25 10:31	1
Endrin aldehyde	0.0073	U	0.0073	0.0017	mg/Kg	☼	09/27/25 19:28	09/28/25 10:31	1
Endrin ketone	0.0073	U	0.0073	0.0014	mg/Kg	☼	09/27/25 19:28	09/28/25 10:31	1
gamma-BHC (Lindane)	0.0022	U	0.0022	0.00068	mg/Kg	☼	09/27/25 19:28	09/28/25 10:31	1
Heptachlor	0.0073	U	0.0073	0.00086	mg/Kg	☼	09/27/25 19:28	09/28/25 10:31	1
Heptachlor epoxide	0.0073	U	0.0073	0.0011	mg/Kg	☼	09/27/25 19:28	09/28/25 10:31	1

Client Sample ID: 53C_0-5
Date Collected: 09/25/25 08:20
Date Received: 09/25/25 16:10

Lab Sample ID: 460-335747-5
Matrix: Solid
Percent Solids: 91.6

Method: SW846 8081B - Organochlorine Pesticides (GC) (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Methoxychlor	0.0073	U	0.0073	0.0017	mg/Kg	☼	09/27/25 19:28	09/28/25 10:31	1
Toxaphene	0.073	U	0.073	0.026	mg/Kg	☼	09/27/25 19:28	09/28/25 10:31	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
DCB Decachlorobiphenyl	*92*		*10 - 150*	*09/27/25 19:28*	*09/28/25 10:31*	*1*
DCB Decachlorobiphenyl	*111*		*10 - 150*	*09/27/25 19:28*	*09/28/25 10:31*	*1*
Tetrachloro-m-xylene	*80*		*14 - 150*	*09/27/25 19:28*	*09/28/25 10:31*	*1*
Tetrachloro-m-xylene	*78*		*14 - 150*	*09/27/25 19:28*	*09/28/25 10:31*	*1*

Method: SW846 8082A - Polychlorinated Biphenyls (PCBs) by Gas Chromatography

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Aroclor 1016	0.073	U	0.073	0.019	mg/Kg	☼	09/27/25 19:23	09/28/25 14:03	1
Aroclor 1221	0.073	U	0.073	0.019	mg/Kg	☼	09/27/25 19:23	09/28/25 14:03	1
Aroclor 1232	0.073	U	0.073	0.019	mg/Kg	☼	09/27/25 19:23	09/28/25 14:03	1
Aroclor 1242	0.073	U	0.073	0.019	mg/Kg	☼	09/27/25 19:23	09/28/25 14:03	1
Aroclor 1248	0.073	U	0.073	0.019	mg/Kg	☼	09/27/25 19:23	09/28/25 14:03	1
Aroclor 1254	0.073	U	0.073	0.019	mg/Kg	☼	09/27/25 19:23	09/28/25 14:03	1
Aroclor 1260	0.073	U	0.073	0.019	mg/Kg	☼	09/27/25 19:23	09/28/25 14:03	1
Aroclor-1262	0.073	U	0.073	0.019	mg/Kg	☼	09/27/25 19:23	09/28/25 14:03	1
Aroclor 1268	0.073	U	0.073	0.019	mg/Kg	☼	09/27/25 19:23	09/28/25 14:03	1
Polychlorinated biphenyls, Total	0.073	U	0.073	0.019	mg/Kg	☼	09/27/25 19:23	09/28/25 14:03	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
DCB Decachlorobiphenyl	*123*		*10 - 150*	*09/27/25 19:23*	*09/28/25 14:03*	*1*
DCB Decachlorobiphenyl	*132*		*10 - 150*	*09/27/25 19:23*	*09/28/25 14:03*	*1*
Tetrachloro-m-xylene	*106*		*10 - 150*	*09/27/25 19:23*	*09/28/25 14:03*	*1*
Tetrachloro-m-xylene	*114*		*10 - 150*	*09/27/25 19:23*	*09/28/25 14:03*	*1*

Method: EPA 1633A - Per- and Polyfluoroalkyl Substances by LC/MS/MS, 1633A

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Perfluorobutanoic acid (PFBA)	0.40	U	0.40	0.099	ug/Kg	☼	10/01/25 06:38	10/02/25 03:34	1
Perfluoropentanoic acid (PFPeA)	0.20	U	0.20	0.099	ug/Kg	☼	10/01/25 06:38	10/02/25 03:34	1
Perfluorohexanoic acid (PFHxA)	0.20	U	0.20	0.099	ug/Kg	☼	10/01/25 06:38	10/02/25 03:34	1
Perfluoroheptanoic acid (PFHpA)	0.20	U	0.20	0.099	ug/Kg	☼	10/01/25 06:38	10/02/25 03:34	1
Perfluorooctanoic acid (PFOA)	0.20	U	0.20	0.060	ug/Kg	☼	10/01/25 06:38	10/02/25 03:34	1
Perfluorononanoic acid (PFNA)	**0.19**	**J**	0.20	0.099	ug/Kg	☼	10/01/25 06:38	10/02/25 03:34	1
Perfluorodecanoic acid (PFDA)	**0.29**		0.20	0.060	ug/Kg	☼	10/01/25 06:38	10/02/25 03:34	1
Perfluoroundecanoic acid (PFUnA)	**3.07**		0.20	0.099	ug/Kg	☼	10/01/25 06:38	10/02/25 03:34	1
Perfluorododecanoic acid (PFDoA)	**0.21**		0.20	0.099	ug/Kg	☼	10/01/25 06:38	10/02/25 03:34	1
Perfluorotridecanoic acid (PFTrDA)	**4.09**		0.20	0.099	ug/Kg	☼	10/01/25 06:38	10/02/25 03:34	1
Perfluorotetradecanoic acid (PFTeDA)	0.20	U	0.20	0.099	ug/Kg	☼	10/01/25 06:38	10/02/25 03:34	1
Perfluorobutanesulfonic acid (PFBS)	0.20	U	0.20	0.099	ug/Kg	☼	10/01/25 06:38	10/02/25 03:34	1
Perfluoropentanesulfonic acid (PFPeS)	0.20	U	0.20	0.099	ug/Kg	☼	10/01/25 06:38	10/02/25 03:34	1
Perfluorohexanesulfonic acid (PFHxS)	0.20	U	0.20	0.099	ug/Kg	☼	10/01/25 06:38	10/02/25 03:34	1
Perfluoroheptanesulfonic acid (PFHpS)	0.20	U	0.20	0.099	ug/Kg	☼	10/01/25 06:38	10/02/25 03:34	1
Perfluorooctanesulfonic acid (PFOS)	0.20	U	0.20	0.099	ug/Kg	☼	10/01/25 06:38	10/02/25 03:34	1
Perfluorononanesulfonic acid (PFNS)	0.20	U	0.20	0.099	ug/Kg	☼	10/01/25 06:38	10/02/25 03:34	1

Client Sample ID: 53C_0-5
Date Collected: 09/25/25 08:20
Date Received: 09/25/25 16:10

Lab Sample ID: 460-335747-5
Matrix: Solid
Percent Solids: 91.6

Method: EPA 1633A - Per- and Polyfluoroalkyl Substances by LC/MS/MS, 1633A (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Perfluorodecanesulfonic acid (PFDS)	0.20	U	0.20	0.099	ug/Kg	☼	10/01/25 06:38	10/02/25 03:34	1
Perfluorododecanesulfonic acid (PFDoS)	0.20	U	0.20	0.099	ug/Kg	☼	10/01/25 06:38	10/02/25 03:34	1
1H,1H,2H,2H-Perfluorohexane sulfonic acid (4:2 FTS)	0.40	U	0.40	0.20	ug/Kg	☼	10/01/25 06:38	10/02/25 03:34	1
1H,1H,2H,2H-Perfluorooctane sulfonic acid (6:2 FTS)	0.40	U	0.40	0.20	ug/Kg	☼	10/01/25 06:38	10/02/25 03:34	1
1H,1H,2H,2H-Perfluorodecane sulfonic acid (8:2 FTS)	**0.26**	**J**	0.40	0.20	ug/Kg	☼	10/01/25 06:38	10/02/25 03:34	1
Perfluorooctanesulfonamide (PFOSA)	0.20	U	0.20	0.099	ug/Kg	☼	10/01/25 06:38	10/02/25 03:34	1
N-methylperfluorooctane sulfonamide (NMeFOSA)	0.20	U	0.20	0.099	ug/Kg	☼	10/01/25 06:38	10/02/25 03:34	1
N-ethylperfluorooctane sulfonamide (NEtFOSA)	0.20	U	0.20	0.099	ug/Kg	☼	10/01/25 06:38	10/02/25 03:34	1
N-methylperfluorooctanesulfonamidoacetic acid (NMeFOSAA)	0.20	U	0.20	0.099	ug/Kg	☼	10/01/25 06:38	10/02/25 03:34	1
N-ethylperfluorooctanesulfonamidoacetic acid (NEtFOSAA)	0.20	U	0.20	0.099	ug/Kg	☼	10/01/25 06:38	10/02/25 03:34	1
N-methylperfluorooctane sulfonamidoethanol (NMeFOSE)	0.99	U	0.99	0.50	ug/Kg	☼	10/01/25 06:38	10/02/25 03:34	1
N-ethylperfluorooctane sulfonamidoethanol (NEtFOSE)	0.99	U	0.99	0.50	ug/Kg	☼	10/01/25 06:38	10/02/25 03:34	1
Hexafluoropropylene Oxide Dimer Acid (HFPO-DA)	0.20	U	0.20	0.099	ug/Kg	☼	10/01/25 06:38	10/02/25 03:34	1
4,8-Dioxa-3H-perfluorononanoic acid (ADONA)	0.20	U	0.20	0.099	ug/Kg	☼	10/01/25 06:38	10/02/25 03:34	1
Perfluoro-3-methoxypropanoic acid (PFMPA)	0.20	U	0.20	0.099	ug/Kg	☼	10/01/25 06:38	10/02/25 03:34	1
Perfluoro-4-methoxybutanoic acid (PFMBA)	0.20	U	0.20	0.099	ug/Kg	☼	10/01/25 06:38	10/02/25 03:34	1
Nonafluoro-3,6-dioxaheptanoic acid (NFDHA)	0.20	U	0.20	0.099	ug/Kg	☼	10/01/25 06:38	10/02/25 03:34	1
9-Chlorohexadecafluoro-3-oxanonane-1-sulfonic acid (9Cl-PF3ONS)	0.20	U	0.20	0.099	ug/Kg	☼	10/01/25 06:38	10/02/25 03:34	1
11-Chloroeicosafluoro-3-oxaundecane-1-sulfonic acid (11Cl-PF3OUdS)	0.20	U	0.20	0.099	ug/Kg	☼	10/01/25 06:38	10/02/25 03:34	1
Perfluoro (2-ethoxyethane) sulfonic acid (PFEESA)	0.20	U	0.20	0.099	ug/Kg	☼	10/01/25 06:38	10/02/25 03:34	1
3-Perfluoropropylpropanoic acid (3:3 FTCA)	0.40	U	0.40	0.20	ug/Kg	☼	10/01/25 06:38	10/02/25 03:34	1
3-Perfluoropentylpropanoic acid (5:3 FTCA)	0.99	U	0.99	0.50	ug/Kg	☼	10/01/25 06:38	10/02/25 03:34	1
3-Perfluoroheptylpropanoic acid (7:3 FTCA)	0.99	U	0.99	0.50	ug/Kg	☼	10/01/25 06:38	10/02/25 03:34	1

Isotope Dilution	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
13C4 PFBA	*94.7*		*8 - 130*	*10/01/25 06:38*	*10/02/25 03:34*	*1*
13C5 PFPeA	*83.6*		*35 - 130*	*10/01/25 06:38*	*10/02/25 03:34*	*1*
13C5 PFHxA	*84.0*		*40 - 130*	*10/01/25 06:38*	*10/02/25 03:34*	*1*
13C4 PFHpA	*85.5*		*40 - 130*	*10/01/25 06:38*	*10/02/25 03:34*	*1*
13C8 PFOA	*91.6*		*40 - 130*	*10/01/25 06:38*	*10/02/25 03:34*	*1*
13C9 PFNA	*88.9*		*40 - 130*	*10/01/25 06:38*	*10/02/25 03:34*	*1*
13C6 PFDA	*85.5*		*40 - 130*	*10/01/25 06:38*	*10/02/25 03:34*	*1*
13C7 PFUnA	*75.9*		*40 - 130*	*10/01/25 06:38*	*10/02/25 03:34*	*1*
13C2 PFTeDA	*58.9*		*20 - 130*	*10/01/25 06:38*	*10/02/25 03:34*	*1*

Client Sample ID: 53C_0-5

Date Collected: 09/25/25 08:20
Date Received: 09/25/25 16:10

Lab Sample ID: 460-335747-5

Matrix: Solid
Percent Solids: 91.6

Method: EPA 1633A - Per- and Polyfluoroalkyl Substances by LC/MS/MS, 1633A (Continued)

Isotope Dilution	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
13C3 PFBS	85.8		40 - 135	10/01/25 06:38	10/02/25 03:34	1
13C3 PFHxS	83.3		40 - 130	10/01/25 06:38	10/02/25 03:34	1
13C8 PFOS	82.4		40 - 130	10/01/25 06:38	10/02/25 03:34	1
13C8 FOSA	89.9		40 - 130	10/01/25 06:38	10/02/25 03:34	1
d3-NMeFOSAA	91.5		40 - 135	10/01/25 06:38	10/02/25 03:34	1
d5-NEtFOSAA	83.0		40 - 150	10/01/25 06:38	10/02/25 03:34	1
13C2 4:2 FTS	86.1		40 - 165	10/01/25 06:38	10/02/25 03:34	1
13C2 6:2 FTS	95.2		40 - 215	10/01/25 06:38	10/02/25 03:34	1
13C2 8:2 FTS	91.6		40 - 275	10/01/25 06:38	10/02/25 03:34	1
13C3 HFPO-DA	78.4		40 - 130	10/01/25 06:38	10/02/25 03:34	1
d7-N-MeFOSE-M	43.9		20 - 130	10/01/25 06:38	10/02/25 03:34	1
d9-N-EtFOSE-M	33.9		15 - 130	10/01/25 06:38	10/02/25 03:34	1
d5-NEtPFOSA	60.6		10 - 130	10/01/25 06:38	10/02/25 03:34	1
d3-NMePFOSA	75.9		10 - 130	10/01/25 06:38	10/02/25 03:34	1
13C2 PFDoA	78.3		40 - 130	10/01/25 06:38	10/02/25 03:34	1

Method: SW846 6020B - Metals (ICP/MS)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Aluminum	6260		20.2	5.5	mg/Kg	☼	10/01/25 08:03	10/01/25 19:54	1
Antimony	0.51	J	1.0	0.15	mg/Kg	☼	10/01/25 08:03	10/01/25 19:54	1
Arsenic	6.8		1.0	0.10	mg/Kg	☼	10/01/25 08:03	10/01/25 19:54	1
Barium	57.3		2.0	0.15	mg/Kg	☼	10/01/25 08:03	10/01/25 19:54	1
Beryllium	0.51		0.40	0.022	mg/Kg	☼	10/01/25 08:03	10/01/25 19:54	1
Cadmium	0.40	J	1.0	0.11	mg/Kg	☼	10/01/25 08:03	10/01/25 19:54	1
Calcium	10900		101	9.8	mg/Kg	☼	10/01/25 08:03	10/01/25 19:54	1
Chromium	15.4		2.0	0.30	mg/Kg	☼	10/01/25 08:03	10/01/25 19:54	1
Cobalt	4.9		1.0	0.15	mg/Kg	☼	10/01/25 08:03	10/01/25 19:54	1
Copper	32.8		2.0	0.37	mg/Kg	☼	10/01/25 08:03	10/01/25 19:54	1
Iron	16900		60.6	7.7	mg/Kg	☼	10/01/25 08:03	10/01/25 19:54	1
Lead	153		0.61	0.20	mg/Kg	☼	10/01/25 08:03	10/01/25 19:54	1
Magnesium	7290		101	10.3	mg/Kg	☼	10/01/25 08:03	10/01/25 19:54	1
Manganese	185		4.0	0.41	mg/Kg	☼	10/01/25 08:03	10/01/25 19:54	1
Nickel	11.0		2.0	0.18	mg/Kg	☼	10/01/25 08:03	10/01/25 19:54	1
Potassium	919		101	16.4	mg/Kg	☼	10/01/25 08:03	10/01/25 19:54	1
Selenium	0.24	J	1.3	0.13	mg/Kg	☼	10/01/25 08:03	10/01/25 19:54	1
Silver	0.25	J	0.40	0.090	mg/Kg	☼	10/01/25 08:03	10/01/25 19:54	1
Sodium	268		101	46.2	mg/Kg	☼	10/01/25 08:03	10/01/25 19:54	1
Thallium	0.10	J	0.40	0.041	mg/Kg	☼	10/01/25 08:03	10/01/25 19:54	1
Vanadium	21.5		2.0	0.21	mg/Kg	☼	10/01/25 08:03	10/01/25 19:54	1
Zinc	132		8.1	1.1	mg/Kg	☼	10/01/25 08:03	10/01/25 19:54	1

Method: SW846 7471B - Mercury (CVAA)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	0.039		0.019	0.0087	mg/Kg	☼	10/01/25 02:19	10/01/25 18:56	1

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Percent Moisture (EPA Moisture)	8.4		1.0	1.0	%			09/30/25 17:39	1
Percent Solids (EPA Moisture)	91.6		1.0	1.0	%			09/30/25 17:39	1

Client Sample ID: 53C_5-10
Date Collected: 09/25/25 08:25
Date Received: 09/25/25 16:10

Lab Sample ID: 460-335747-6
Matrix: Solid
Percent Solids: 93.0

Method: SW846 8270E - Semivolatile Organic Compounds (GC/MS)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1'-Biphenyl	0.35	U	0.35	0.012	mg/Kg	☼	09/27/25 15:54	09/28/25 13:51	1
1,2,4,5-Tetrachlorobenzene	0.35	U	0.35	0.011	mg/Kg	☼	09/27/25 15:54	09/28/25 13:51	1
1,4-Dioxane	0.035	U	0.035	0.031	mg/Kg	☼	09/27/25 15:54	09/28/25 13:51	1
2,2'-oxybis[1-chloropropane]	0.35	U	0.35	0.021	mg/Kg	☼	09/27/25 15:54	09/28/25 13:51	1
2,3,4,6-Tetrachlorophenol	0.35	U	0.35	0.024	mg/Kg	☼	09/27/25 15:54	09/28/25 13:51	1
2,4,5-Trichlorophenol	0.35	U	0.35	0.036	mg/Kg	☼	09/27/25 15:54	09/28/25 13:51	1
2,4,6-Trichlorophenol	0.14	U	0.14	0.046	mg/Kg	☼	09/27/25 15:54	09/28/25 13:51	1
2,4-Dichlorophenol	0.14	U	0.14	0.023	mg/Kg	☼	09/27/25 15:54	09/28/25 13:51	1
2,4-Dimethylphenol	0.35	U	0.35	0.042	mg/Kg	☼	09/27/25 15:54	09/28/25 13:51	1
2,4-Dinitrophenol	0.28	U	0.28	0.17	mg/Kg	☼	09/27/25 15:54	09/28/25 13:51	1
2,4-Dinitrotoluene	0.072	U	0.072	0.038	mg/Kg	☼	09/27/25 15:54	09/28/25 13:51	1
2,6-Dinitrotoluene	0.072	U	0.072	0.026	mg/Kg	☼	09/27/25 15:54	09/28/25 13:51	1
2-Chloronaphthalene	0.35	U	0.35	0.046	mg/Kg	☼	09/27/25 15:54	09/28/25 13:51	1
2-Chlorophenol	0.35	U	0.35	0.013	mg/Kg	☼	09/27/25 15:54	09/28/25 13:51	1
2-Methylnaphthalene	0.35	U	0.35	0.0099	mg/Kg	☼	09/27/25 15:54	09/28/25 13:51	1
2-Methylphenol	0.35	U	0.35	0.013	mg/Kg	☼	09/27/25 15:54	09/28/25 13:51	1
2-Nitroaniline	0.35	U	0.35	0.027	mg/Kg	☼	09/27/25 15:54	09/28/25 13:51	1
2-Nitrophenol	0.35	U	0.35	0.035	mg/Kg	☼	09/27/25 15:54	09/28/25 13:51	1
3 & 4 Methylphenol	0.35	U	0.35	0.022	mg/Kg	☼	09/27/25 15:54	09/28/25 13:51	1
3,3'-Dichlorobenzidine	0.14	U	0.14	0.054	mg/Kg	☼	09/27/25 15:54	09/28/25 13:51	1
3-Nitroaniline	0.35	U	0.35	0.084	mg/Kg	☼	09/27/25 15:54	09/28/25 13:51	1
4,6-Dinitro-2-methylphenol	0.28	U	0.28	0.14	mg/Kg	☼	09/27/25 15:54	09/28/25 13:51	1
4-Bromophenyl phenyl ether	0.35	U	0.35	0.014	mg/Kg	☼	09/27/25 15:54	09/28/25 13:51	1
4-Chloro-3-methylphenol	0.35	U	0.35	0.020	mg/Kg	☼	09/27/25 15:54	09/28/25 13:51	1
4-Chloroaniline	0.35	U	0.35	0.063	mg/Kg	☼	09/27/25 15:54	09/28/25 13:51	1
4-Chlorophenyl phenyl ether	0.35	U	0.35	0.013	mg/Kg	☼	09/27/25 15:54	09/28/25 13:51	1
4-Methylphenol	0.35	U	0.35	0.022	mg/Kg	☼	09/27/25 15:54	09/28/25 13:51	1
4-Nitroaniline	0.35	U	0.35	0.090	mg/Kg	☼	09/27/25 15:54	09/28/25 13:51	1
4-Nitrophenol	0.72	U	0.72	0.058	mg/Kg	☼	09/27/25 15:54	09/28/25 13:51	1
Acenaphthene	0.35	U	0.35	0.010	mg/Kg	☼	09/27/25 15:54	09/28/25 13:51	1
Acenaphthylene	0.35	U	0.35	0.010	mg/Kg	☼	09/27/25 15:54	09/28/25 13:51	1
Acetophenone	0.35	U	0.35	0.017	mg/Kg	☼	09/27/25 15:54	09/28/25 13:51	1
Anthracene	0.35	U	0.35	0.011	mg/Kg	☼	09/27/25 15:54	09/28/25 13:51	1
Atrazine	0.14	U *	0.14	0.021	mg/Kg	☼	09/27/25 15:54	09/28/25 13:51	1
Benzaldehyde	0.35	U	0.35	0.059	mg/Kg	☼	09/27/25 15:54	09/28/25 13:51	1
Benzo[a]anthracene	0.035	U	0.035	0.027	mg/Kg	☼	09/27/25 15:54	09/28/25 13:51	1
Benzo[a]pyrene	0.035	U	0.035	0.0094	mg/Kg	☼	09/27/25 15:54	09/28/25 13:51	1
Benzo[b]fluoranthene	0.035	U	0.035	0.0092	mg/Kg	☼	09/27/25 15:54	09/28/25 13:51	1
Benzo[g,h,i]perylene	0.35	U	0.35	0.010	mg/Kg	☼	09/27/25 15:54	09/28/25 13:51	1
Benzo[k]fluoranthene	0.035	U	0.035	0.0070	mg/Kg	☼	09/27/25 15:54	09/28/25 13:51	1
Bis(2-chloroethoxy)methane	0.35	U	0.35	0.065	mg/Kg	☼	09/27/25 15:54	09/28/25 13:51	1
Bis(2-chloroethyl)ether	0.035	U	0.035	0.012	mg/Kg	☼	09/27/25 15:54	09/28/25 13:51	1
Bis(2-ethylhexyl) phthalate	0.35	U	0.35	0.019	mg/Kg	☼	09/27/25 15:54	09/28/25 13:51	1
Butyl benzyl phthalate	0.35	U	0.35	0.017	mg/Kg	☼	09/27/25 15:54	09/28/25 13:51	1
Caprolactam	0.35	U *	0.35	0.055	mg/Kg	☼	09/27/25 15:54	09/28/25 13:51	1
Carbazole	0.35	U	0.35	0.013	mg/Kg	☼	09/27/25 15:54	09/28/25 13:51	1
Chrysene	0.35	U	0.35	0.015	mg/Kg	☼	09/27/25 15:54	09/28/25 13:51	1
Dibenz(a,h)anthracene	0.035	U	0.035	0.015	mg/Kg	☼	09/27/25 15:54	09/28/25 13:51	1
Dibenzofuran	0.35	U	0.35	0.012	mg/Kg	☼	09/27/25 15:54	09/28/25 13:51	1

Client: Haley & Aldrich, Inc.
Project/Site: Former Port Mobil

Job ID: 460-335747-1

Client Sample ID: 53C_5-10
Date Collected: 09/25/25 08:25
Date Received: 09/25/25 16:10

Lab Sample ID: 460-335747-6
Matrix: Solid
Percent Solids: 93.0

Method: SW846 8270E - Semivolatile Organic Compounds (GC/MS) (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Diethyl phthalate	0.35	U	0.35	0.011	mg/Kg	☼	09/27/25 15:54	09/28/25 13:51	1
Dimethyl phthalate	0.35	U	0.35	0.081	mg/Kg	☼	09/27/25 15:54	09/28/25 13:51	1
Di-n-butyl phthalate	0.35	U	0.35	0.013	mg/Kg	☼	09/27/25 15:54	09/28/25 13:51	1
Di-n-octyl phthalate	0.35	U	0.35	0.019	mg/Kg	☼	09/27/25 15:54	09/28/25 13:51	1
Fluoranthene	0.35	U	0.35	0.012	mg/Kg	☼	09/27/25 15:54	09/28/25 13:51	1
Fluorene	0.35	U	0.35	0.010	mg/Kg	☼	09/27/25 15:54	09/28/25 13:51	1
Hexachlorobenzene	0.035	U	0.035	0.017	mg/Kg	☼	09/27/25 15:54	09/28/25 13:51	1
Hexachlorobutadiene	0.072	U	0.072	0.0075	mg/Kg	☼	09/27/25 15:54	09/28/25 13:51	1
Hexachlorocyclopentadiene	0.35	U	0.35	0.031	mg/Kg	☼	09/27/25 15:54	09/28/25 13:51	1
Hexachloroethane	0.035	U	0.035	0.012	mg/Kg	☼	09/27/25 15:54	09/28/25 13:51	1
Indeno[1,2,3-cd]pyrene	0.035	U	0.035	0.014	mg/Kg	☼	09/27/25 15:54	09/28/25 13:51	1
Isophorone	0.14	U	0.14	0.10	mg/Kg	☼	09/27/25 15:54	09/28/25 13:51	1
Naphthalene	0.35	U	0.35	0.0061	mg/Kg	☼	09/27/25 15:54	09/28/25 13:51	1
Nitrobenzene	0.035	U	0.035	0.020	mg/Kg	☼	09/27/25 15:54	09/28/25 13:51	1
N-Nitrosodi-n-propylamine	0.035	U	0.035	0.026	mg/Kg	☼	09/27/25 15:54	09/28/25 13:51	1
N-Nitrosodiphenylamine	0.35	U	0.35	0.029	mg/Kg	☼	09/27/25 15:54	09/28/25 13:51	1
Pentachlorophenol	0.28	U	0.28	0.073	mg/Kg	☼	09/27/25 15:54	09/28/25 13:51	1
Phenanthrene	0.35	U	0.35	0.014	mg/Kg	☼	09/27/25 15:54	09/28/25 13:51	1
Phenol	0.35	U	0.35	0.013	mg/Kg	☼	09/27/25 15:54	09/28/25 13:51	1
Pyrene	0.35	U	0.35	0.0088	mg/Kg	☼	09/27/25 15:54	09/28/25 13:51	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
2,4,6-Tribromophenol (Surr)	*67*		*18 - 137*	*09/27/25 15:54*	*09/28/25 13:51*	*1*
2-Fluorobiphenyl	*67*		*33 - 117*	*09/27/25 15:54*	*09/28/25 13:51*	*1*
2-Fluorophenol (Surr)	*70*		*24 - 120*	*09/27/25 15:54*	*09/28/25 13:51*	*1*
Nitrobenzene-d5 (Surr)	*69*		*27 - 120*	*09/27/25 15:54*	*09/28/25 13:51*	*1*
Phenol-d5 (Surr)	*67*		*28 - 118*	*09/27/25 15:54*	*09/28/25 13:51*	*1*
Terphenyl-d14 (Surr)	*79*		*33 - 124*	*09/27/25 15:54*	*09/28/25 13:51*	*1*

Method: SW846 8081B - Organochlorine Pesticides (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
4,4'-DDD	0.0072	U	0.0072	0.0012	mg/Kg	☼	09/27/25 19:28	09/28/25 10:43	1
4,4'-DDE	0.0072	U	0.0072	0.00085	mg/Kg	☼	09/27/25 19:28	09/28/25 10:43	1
4,4'-DDT	**0.0034**	**J**	0.0072	0.0013	mg/Kg	☼	09/27/25 19:28	09/28/25 10:43	1
Aldrin	0.0072	U	0.0072	0.0011	mg/Kg	☼	09/27/25 19:28	09/28/25 10:43	1
alpha-BHC	0.0022	U	0.0022	0.00073	mg/Kg	☼	09/27/25 19:28	09/28/25 10:43	1
beta-BHC	0.0022	U	0.0022	0.00081	mg/Kg	☼	09/27/25 19:28	09/28/25 10:43	1
Chlordane (technical)	0.072	U	0.072	0.017	mg/Kg	☼	09/27/25 19:28	09/28/25 10:43	1
cis-Chlordane	0.0072	U	0.0072	0.0011	mg/Kg	☼	09/27/25 19:28	09/28/25 10:43	1
delta-BHC	0.0022	U	0.0022	0.00044	mg/Kg	☼	09/27/25 19:28	09/28/25 10:43	1
Dieldrin	0.0022	U	0.0022	0.00094	mg/Kg	☼	09/27/25 19:28	09/28/25 10:43	1
Endosulfan I	0.0072	U	0.0072	0.0011	mg/Kg	☼	09/27/25 19:28	09/28/25 10:43	1
Endosulfan II	0.0072	U	0.0072	0.0018	mg/Kg	☼	09/27/25 19:28	09/28/25 10:43	1
Endosulfan sulfate	0.0072	U	0.0072	0.00090	mg/Kg	☼	09/27/25 19:28	09/28/25 10:43	1
Endrin	0.0072	U	0.0072	0.0010	mg/Kg	☼	09/27/25 19:28	09/28/25 10:43	1
Endrin aldehyde	0.0072	U	0.0072	0.0017	mg/Kg	☼	09/27/25 19:28	09/28/25 10:43	1
Endrin ketone	0.0072	U	0.0072	0.0014	mg/Kg	☼	09/27/25 19:28	09/28/25 10:43	1
gamma-BHC (Lindane)	0.0022	U	0.0022	0.00067	mg/Kg	☼	09/27/25 19:28	09/28/25 10:43	1
Heptachlor	0.0072	U	0.0072	0.00085	mg/Kg	☼	09/27/25 19:28	09/28/25 10:43	1
Heptachlor epoxide	0.0072	U	0.0072	0.0011	mg/Kg	☼	09/27/25 19:28	09/28/25 10:43	1

Client Sample ID: 53C_5-10
Date Collected: 09/25/25 08:25
Date Received: 09/25/25 16:10

Lab Sample ID: 460-335747-6
Matrix: Solid
Percent Solids: 93.0

Method: SW846 8081B - Organochlorine Pesticides (GC) (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Methoxychlor	0.0072	U	0.0072	0.0016	mg/Kg	☼	09/27/25 19:28	09/28/25 10:43	1
Toxaphene	0.072	U	0.072	0.026	mg/Kg	☼	09/27/25 19:28	09/28/25 10:43	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
DCB Decachlorobiphenyl	*96*		*10 - 150*	*09/27/25 19:28*	*09/28/25 10:43*	*1*
DCB Decachlorobiphenyl	*114*		*10 - 150*	*09/27/25 19:28*	*09/28/25 10:43*	*1*
Tetrachloro-m-xylene	*75*		*14 - 150*	*09/27/25 19:28*	*09/28/25 10:43*	*1*
Tetrachloro-m-xylene	*73*		*14 - 150*	*09/27/25 19:28*	*09/28/25 10:43*	*1*

Method: SW846 8082A - Polychlorinated Biphenyls (PCBs) by Gas Chromatography

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Aroclor 1016	0.072	U	0.072	0.019	mg/Kg	☼	09/27/25 19:23	09/28/25 14:20	1
Aroclor 1221	0.072	U	0.072	0.019	mg/Kg	☼	09/27/25 19:23	09/28/25 14:20	1
Aroclor 1232	0.072	U	0.072	0.019	mg/Kg	☼	09/27/25 19:23	09/28/25 14:20	1
Aroclor 1242	0.072	U	0.072	0.019	mg/Kg	☼	09/27/25 19:23	09/28/25 14:20	1
Aroclor 1248	0.072	U	0.072	0.019	mg/Kg	☼	09/27/25 19:23	09/28/25 14:20	1
Aroclor 1254	0.072	U	0.072	0.019	mg/Kg	☼	09/27/25 19:23	09/28/25 14:20	1
Aroclor 1260	0.072	U	0.072	0.019	mg/Kg	☼	09/27/25 19:23	09/28/25 14:20	1
Aroclor-1262	0.072	U	0.072	0.019	mg/Kg	☼	09/27/25 19:23	09/28/25 14:20	1
Aroclor 1268	0.072	U	0.072	0.019	mg/Kg	☼	09/27/25 19:23	09/28/25 14:20	1
Polychlorinated biphenyls, Total	0.072	U	0.072	0.019	mg/Kg	☼	09/27/25 19:23	09/28/25 14:20	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
DCB Decachlorobiphenyl	*120*		*10 - 150*	*09/27/25 19:23*	*09/28/25 14:20*	*1*
DCB Decachlorobiphenyl	*126*		*10 - 150*	*09/27/25 19:23*	*09/28/25 14:20*	*1*
Tetrachloro-m-xylene	*100*		*10 - 150*	*09/27/25 19:23*	*09/28/25 14:20*	*1*
Tetrachloro-m-xylene	*107*		*10 - 150*	*09/27/25 19:23*	*09/28/25 14:20*	*1*

Method: EPA 1633A - Per- and Polyfluoroalkyl Substances by LC/MS/MS, 1633A

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Perfluorobutanoic acid (PFBA)	0.40	U	0.40	0.10	ug/Kg	☼	10/01/25 06:38	10/02/25 03:47	1
Perfluoropentanoic acid (PFPeA)	0.20	U	0.20	0.10	ug/Kg	☼	10/01/25 06:38	10/02/25 03:47	1
Perfluorohexanoic acid (PFHxA)	0.20	U	0.20	0.10	ug/Kg	☼	10/01/25 06:38	10/02/25 03:47	1
Perfluoroheptanoic acid (PFHpA)	0.20	U	0.20	0.10	ug/Kg	☼	10/01/25 06:38	10/02/25 03:47	1
Perfluorooctanoic acid (PFOA)	**0.11**	**J**	0.20	0.060	ug/Kg	☼	10/01/25 06:38	10/02/25 03:47	1
Perfluorononanoic acid (PFNA)	**0.35**		0.20	0.10	ug/Kg	☼	10/01/25 06:38	10/02/25 03:47	1
Perfluorodecanoic acid (PFDA)	**0.34**		0.20	0.060	ug/Kg	☼	10/01/25 06:38	10/02/25 03:47	1
Perfluoroundecanoic acid (PFUnA)	**1.84**		0.20	0.10	ug/Kg	☼	10/01/25 06:38	10/02/25 03:47	1
Perfluorododecanoic acid (PFDoA)	**0.18**	**J**	0.20	0.10	ug/Kg	☼	10/01/25 06:38	10/02/25 03:47	1
Perfluorotridecanoic acid (PFTrDA)	**1.04**		0.20	0.10	ug/Kg	☼	10/01/25 06:38	10/02/25 03:47	1
Perfluorotetradecanoic acid (PFTeDA)	0.20	U	0.20	0.10	ug/Kg	☼	10/01/25 06:38	10/02/25 03:47	1
Perfluorobutanesulfonic acid (PFBS)	0.20	U	0.20	0.10	ug/Kg	☼	10/01/25 06:38	10/02/25 03:47	1
Perfluoropentanesulfonic acid (PFPeS)	0.20	U	0.20	0.10	ug/Kg	☼	10/01/25 06:38	10/02/25 03:47	1
Perfluorohexanesulfonic acid (PFHxS)	0.20	U	0.20	0.10	ug/Kg	☼	10/01/25 06:38	10/02/25 03:47	1
Perfluoroheptanesulfonic acid (PFHpS)	0.20	U	0.20	0.10	ug/Kg	☼	10/01/25 06:38	10/02/25 03:47	1
Perfluorooctanesulfonic acid (PFOS)	0.20	U	0.20	0.10	ug/Kg	☼	10/01/25 06:38	10/02/25 03:47	1
Perfluorononanesulfonic acid (PFNS)	0.20	U	0.20	0.10	ug/Kg	☼	10/01/25 06:38	10/02/25 03:47	1

Client Sample ID: 53C_5-10
Date Collected: 09/25/25 08:25
Date Received: 09/25/25 16:10

Lab Sample ID: 460-335747-6
Matrix: Solid
Percent Solids: 93.0

Method: EPA 1633A - Per- and Polyfluoroalkyl Substances by LC/MS/MS, 1633A (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Perfluorodecanesulfonic acid (PFDS)	0.20	U	0.20	0.10	ug/Kg	☼	10/01/25 06:38	10/02/25 03:47	1
Perfluorododecanesulfonic acid (PFDoS)	0.20	U	0.20	0.10	ug/Kg	☼	10/01/25 06:38	10/02/25 03:47	1
1H,1H,2H,2H-Perfluorohexane sulfonic acid (4:2 FTS)	0.40	U	0.40	0.20	ug/Kg	☼	10/01/25 06:38	10/02/25 03:47	1
1H,1H,2H,2H-Perfluorooctane sulfonic acid (6:2 FTS)	0.40	U	0.40	0.20	ug/Kg	☼	10/01/25 06:38	10/02/25 03:47	1
1H,1H,2H,2H-Perfluorodecane sulfonic acid (8:2 FTS)	**0.34**	**J**	0.40	0.20	ug/Kg	☼	10/01/25 06:38	10/02/25 03:47	1
Perfluorooctanesulfonamide (PFOSA)	0.20	U	0.20	0.10	ug/Kg	☼	10/01/25 06:38	10/02/25 03:47	1
N-methylperfluorooctane sulfonamide (NMeFOSA)	0.20	U	0.20	0.10	ug/Kg	☼	10/01/25 06:38	10/02/25 03:47	1
N-ethylperfluorooctane sulfonamide (NEtFOSA)	0.20	U	0.20	0.10	ug/Kg	☼	10/01/25 06:38	10/02/25 03:47	1
N-methylperfluorooctanesulfonamidoacetic acid (NMeFOSAA)	0.20	U	0.20	0.10	ug/Kg	☼	10/01/25 06:38	10/02/25 03:47	1
N-ethylperfluorooctanesulfonamidoacetic acid (NEtFOSAA)	0.20	U	0.20	0.10	ug/Kg	☼	10/01/25 06:38	10/02/25 03:47	1
N-methylperfluorooctane sulfonamidoethanol (NMeFOSE)	1.0	U	1.0	0.50	ug/Kg	☼	10/01/25 06:38	10/02/25 03:47	1
N-ethylperfluorooctane sulfonamidoethanol (NEtFOSE)	1.0	U	1.0	0.50	ug/Kg	☼	10/01/25 06:38	10/02/25 03:47	1
Hexafluoropropylene Oxide Dimer Acid (HFPO-DA)	0.20	U	0.20	0.10	ug/Kg	☼	10/01/25 06:38	10/02/25 03:47	1
4,8-Dioxa-3H-perfluorononanoic acid (ADONA)	0.20	U	0.20	0.10	ug/Kg	☼	10/01/25 06:38	10/02/25 03:47	1
Perfluoro-3-methoxypropanoic acid (PFMPA)	0.20	U	0.20	0.10	ug/Kg	☼	10/01/25 06:38	10/02/25 03:47	1
Perfluoro-4-methoxybutanoic acid (PFMBA)	0.20	U	0.20	0.10	ug/Kg	☼	10/01/25 06:38	10/02/25 03:47	1
Nonafluoro-3,6-dioxaheptanoic acid (NFDHA)	0.20	U	0.20	0.10	ug/Kg	☼	10/01/25 06:38	10/02/25 03:47	1
9-Chlorohexadecafluoro-3-oxanonane-1-sulfonic acid (9Cl-PF3ONS)	0.20	U	0.20	0.10	ug/Kg	☼	10/01/25 06:38	10/02/25 03:47	1
11-Chloroeicosafluoro-3-oxaundecane-1-sulfonic acid (11Cl-PF3OUdS)	0.20	U	0.20	0.10	ug/Kg	☼	10/01/25 06:38	10/02/25 03:47	1
Perfluoro (2-ethoxyethane) sulfonic acid (PFEESA)	0.20	U	0.20	0.10	ug/Kg	☼	10/01/25 06:38	10/02/25 03:47	1
3-Perfluoropropylpropanoic acid (3:3 FTCA)	0.40	U	0.40	0.20	ug/Kg	☼	10/01/25 06:38	10/02/25 03:47	1
3-Perfluoropentylpropanoic acid (5:3 FTCA)	1.0	U	1.0	0.50	ug/Kg	☼	10/01/25 06:38	10/02/25 03:47	1
3-Perfluoroheptylpropanoic acid (7:3 FTCA)	1.0	U	1.0	0.50	ug/Kg	☼	10/01/25 06:38	10/02/25 03:47	1

Isotope Dilution	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
13C4 PFBA	*103*		*8 - 130*	*10/01/25 06:38*	*10/02/25 03:47*	*1*
13C5 PFPeA	*90.9*		*35 - 130*	*10/01/25 06:38*	*10/02/25 03:47*	*1*
13C5 PFHxA	*96.9*		*40 - 130*	*10/01/25 06:38*	*10/02/25 03:47*	*1*
13C4 PFHpA	*94.7*		*40 - 130*	*10/01/25 06:38*	*10/02/25 03:47*	*1*
13C8 PFOA	*93.9*		*40 - 130*	*10/01/25 06:38*	*10/02/25 03:47*	*1*
13C9 PFNA	*96.0*		*40 - 130*	*10/01/25 06:38*	*10/02/25 03:47*	*1*
13C6 PFDA	*92.2*		*40 - 130*	*10/01/25 06:38*	*10/02/25 03:47*	*1*
13C7 PFUnA	*82.6*		*40 - 130*	*10/01/25 06:38*	*10/02/25 03:47*	*1*
13C2 PFTeDA	*58.6*		*20 - 130*	*10/01/25 06:38*	*10/02/25 03:47*	*1*

Client Sample ID: 53C_5-10

Date Collected: 09/25/25 08:25
Date Received: 09/25/25 16:10

Lab Sample ID: 460-335747-6

Matrix: Solid
Percent Solids: 93.0

Method: EPA 1633A - Per- and Polyfluoroalkyl Substances by LC/MS/MS, 1633A (Continued)

Isotope Dilution	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
13C3 PFBS	84.3		40 - 135	10/01/25 06:38	10/02/25 03:47	1
13C3 PFHxS	88.9		40 - 130	10/01/25 06:38	10/02/25 03:47	1
13C8 PFOS	87.1		40 - 130	10/01/25 06:38	10/02/25 03:47	1
13C8 FOSA	92.5		40 - 130	10/01/25 06:38	10/02/25 03:47	1
d3-NMeFOSAA	95.9		40 - 135	10/01/25 06:38	10/02/25 03:47	1
d5-NEtFOSAA	85.9		40 - 150	10/01/25 06:38	10/02/25 03:47	1
13C2 4:2 FTS	108		40 - 165	10/01/25 06:38	10/02/25 03:47	1
13C2 6:2 FTS	113		40 - 215	10/01/25 06:38	10/02/25 03:47	1
13C2 8:2 FTS	103		40 - 275	10/01/25 06:38	10/02/25 03:47	1
13C3 HFPO-DA	90.6		40 - 130	10/01/25 06:38	10/02/25 03:47	1
d7-N-MeFOSE-M	21.0		20 - 130	10/01/25 06:38	10/02/25 03:47	1
d9-N-EtFOSE-M	8.54	*	15 - 130	10/01/25 06:38	10/02/25 03:47	1
d5-NEtPFOSA	66.5		10 - 130	10/01/25 06:38	10/02/25 03:47	1
d3-NMePFOSA	76.7		10 - 130	10/01/25 06:38	10/02/25 03:47	1
13C2 PFDoA	81.7		40 - 130	10/01/25 06:38	10/02/25 03:47	1

Method: SW846 6020B - Metals (ICP/MS)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Aluminum	5670		21.5	5.9	mg/Kg	☼	10/01/25 08:03	10/01/25 19:31	1
Antimony	0.72	J	1.1	0.16	mg/Kg	☼	10/01/25 08:03	10/01/25 19:31	1
Arsenic	6.8		1.1	0.11	mg/Kg	☼	10/01/25 08:03	10/01/25 19:31	1
Barium	56.5		2.2	0.16	mg/Kg	☼	10/01/25 08:03	10/01/25 19:31	1
Beryllium	0.50		0.43	0.024	mg/Kg	☼	10/01/25 08:03	10/01/25 19:31	1
Cadmium	0.46	J	1.1	0.12	mg/Kg	☼	10/01/25 08:03	10/01/25 19:31	1
Calcium	1750		108	10.5	mg/Kg	☼	10/01/25 08:03	10/01/25 19:31	1
Chromium	18.8		2.2	0.32	mg/Kg	☼	10/01/25 08:03	10/01/25 19:31	1
Cobalt	4.4		1.1	0.16	mg/Kg	☼	10/01/25 08:03	10/01/25 19:31	1
Copper	29.6		2.2	0.40	mg/Kg	☼	10/01/25 08:03	10/01/25 19:31	1
Iron	16000		64.5	8.2	mg/Kg	☼	10/01/25 08:03	10/01/25 19:31	1
Lead	190		0.65	0.22	mg/Kg	☼	10/01/25 08:03	10/01/25 19:31	1
Magnesium	1760		108	11.0	mg/Kg	☼	10/01/25 08:03	10/01/25 19:31	1
Manganese	133		4.3	0.43	mg/Kg	☼	10/01/25 08:03	10/01/25 19:31	1
Nickel	10.2		2.2	0.19	mg/Kg	☼	10/01/25 08:03	10/01/25 19:31	1
Potassium	887		108	17.4	mg/Kg	☼	10/01/25 08:03	10/01/25 19:31	1
Selenium	0.24	J	1.3	0.14	mg/Kg	☼	10/01/25 08:03	10/01/25 19:31	1
Silver	0.21	J	0.43	0.096	mg/Kg	☼	10/01/25 08:03	10/01/25 19:31	1
Sodium	213		108	49.2	mg/Kg	☼	10/01/25 08:03	10/01/25 19:31	1
Thallium	0.069	J	0.43	0.044	mg/Kg	☼	10/01/25 08:03	10/01/25 19:31	1
Vanadium	19.9		2.2	0.22	mg/Kg	☼	10/01/25 08:03	10/01/25 19:31	1
Zinc	278		8.6	1.2	mg/Kg	☼	10/01/25 08:03	10/01/25 19:31	1

Method: SW846 7471B - Mercury (CVAA)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	0.042		0.018	0.0085	mg/Kg	☼	10/01/25 02:19	10/01/25 18:59	1

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Percent Moisture (EPA Moisture)	7.0		1.0	1.0	%			09/30/25 17:39	1
Percent Solids (EPA Moisture)	93.0		1.0	1.0	%			09/30/25 17:39	1

Client: Haley & Aldrich, Inc.
Project/Site: Former Port Mobil

Job ID: 460-335747-1

Client Sample ID: 53D_0-5
Date Collected: 09/25/25 08:30
Date Received: 09/25/25 16:10

Lab Sample ID: 460-335747-7
Matrix: Solid
Percent Solids: 91.5

Method: SW846 8270E - Semivolatile Organic Compounds (GC/MS)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1'-Biphenyl	0.36	U	0.36	0.012	mg/Kg	☼	09/27/25 15:54	09/28/25 14:09	1
1,2,4,5-Tetrachlorobenzene	0.36	U	0.36	0.011	mg/Kg	☼	09/27/25 15:54	09/28/25 14:09	1
1,4-Dioxane	0.036	U	0.036	0.031	mg/Kg	☼	09/27/25 15:54	09/28/25 14:09	1
2,2'-oxybis[1-chloropropane]	0.36	U	0.36	0.021	mg/Kg	☼	09/27/25 15:54	09/28/25 14:09	1
2,3,4,6-Tetrachlorophenol	0.36	U	0.36	0.024	mg/Kg	☼	09/27/25 15:54	09/28/25 14:09	1
2,4,5-Trichlorophenol	0.36	U	0.36	0.037	mg/Kg	☼	09/27/25 15:54	09/28/25 14:09	1
2,4,6-Trichlorophenol	0.14	U	0.14	0.046	mg/Kg	☼	09/27/25 15:54	09/28/25 14:09	1
2,4-Dichlorophenol	0.14	U	0.14	0.023	mg/Kg	☼	09/27/25 15:54	09/28/25 14:09	1
2,4-Dimethylphenol	0.36	U	0.36	0.043	mg/Kg	☼	09/27/25 15:54	09/28/25 14:09	1
2,4-Dinitrophenol	0.29	U	0.29	0.18	mg/Kg	☼	09/27/25 15:54	09/28/25 14:09	1
2,4-Dinitrotoluene	0.073	U	0.073	0.039	mg/Kg	☼	09/27/25 15:54	09/28/25 14:09	1
2,6-Dinitrotoluene	0.073	U	0.073	0.026	mg/Kg	☼	09/27/25 15:54	09/28/25 14:09	1
2-Chloronaphthalene	0.36	U	0.36	0.046	mg/Kg	☼	09/27/25 15:54	09/28/25 14:09	1
2-Chlorophenol	0.36	U	0.36	0.013	mg/Kg	☼	09/27/25 15:54	09/28/25 14:09	1
2-Methylnaphthalene	0.36	U	0.36	0.010	mg/Kg	☼	09/27/25 15:54	09/28/25 14:09	1
2-Methylphenol	0.36	U	0.36	0.013	mg/Kg	☼	09/27/25 15:54	09/28/25 14:09	1
2-Nitroaniline	0.36	U	0.36	0.027	mg/Kg	☼	09/27/25 15:54	09/28/25 14:09	1
2-Nitrophenol	0.36	U	0.36	0.036	mg/Kg	☼	09/27/25 15:54	09/28/25 14:09	1
3 & 4 Methylphenol	0.36	U	0.36	0.022	mg/Kg	☼	09/27/25 15:54	09/28/25 14:09	1
3,3'-Dichlorobenzidine	0.14	U	0.14	0.054	mg/Kg	☼	09/27/25 15:54	09/28/25 14:09	1
3-Nitroaniline	0.36	U	0.36	0.085	mg/Kg	☼	09/27/25 15:54	09/28/25 14:09	1
4,6-Dinitro-2-methylphenol	0.29	U	0.29	0.15	mg/Kg	☼	09/27/25 15:54	09/28/25 14:09	1
4-Bromophenyl phenyl ether	0.36	U	0.36	0.014	mg/Kg	☼	09/27/25 15:54	09/28/25 14:09	1
4-Chloro-3-methylphenol	0.36	U	0.36	0.020	mg/Kg	☼	09/27/25 15:54	09/28/25 14:09	1
4-Chloroaniline	0.36	U	0.36	0.064	mg/Kg	☼	09/27/25 15:54	09/28/25 14:09	1
4-Chlorophenyl phenyl ether	0.36	U	0.36	0.013	mg/Kg	☼	09/27/25 15:54	09/28/25 14:09	1
4-Methylphenol	0.36	U	0.36	0.022	mg/Kg	☼	09/27/25 15:54	09/28/25 14:09	1
4-Nitroaniline	0.36	U	0.36	0.091	mg/Kg	☼	09/27/25 15:54	09/28/25 14:09	1
4-Nitrophenol	0.73	U	0.73	0.058	mg/Kg	☼	09/27/25 15:54	09/28/25 14:09	1
Acenaphthene	0.36	U	0.36	0.010	mg/Kg	☼	09/27/25 15:54	09/28/25 14:09	1
Acenaphthylene	0.36	U	0.36	0.010	mg/Kg	☼	09/27/25 15:54	09/28/25 14:09	1
Acetophenone	0.36	U	0.36	0.018	mg/Kg	☼	09/27/25 15:54	09/28/25 14:09	1
Anthracene	0.36	U	0.36	0.011	mg/Kg	☼	09/27/25 15:54	09/28/25 14:09	1
Atrazine	0.14	U *	0.14	0.021	mg/Kg	☼	09/27/25 15:54	09/28/25 14:09	1
Benzaldehyde	0.36	U	0.36	0.059	mg/Kg	☼	09/27/25 15:54	09/28/25 14:09	1
Benzo[a]anthracene	0.036	U	0.036	0.027	mg/Kg	☼	09/27/25 15:54	09/28/25 14:09	1
Benzo[a]pyrene	0.036	U	0.036	0.0096	mg/Kg	☼	09/27/25 15:54	09/28/25 14:09	1
Benzo[b]fluoranthene	0.036	U	0.036	0.0093	mg/Kg	☼	09/27/25 15:54	09/28/25 14:09	1
Benzo[g,h,i]perylene	0.36	U	0.36	0.011	mg/Kg	☼	09/27/25 15:54	09/28/25 14:09	1
Benzo[k]fluoranthene	0.036	U	0.036	0.0070	mg/Kg	☼	09/27/25 15:54	09/28/25 14:09	1
Bis(2-chloroethoxy)methane	0.36	U	0.36	0.066	mg/Kg	☼	09/27/25 15:54	09/28/25 14:09	1
Bis(2-chloroethyl)ether	0.036	U	0.036	0.012	mg/Kg	☼	09/27/25 15:54	09/28/25 14:09	1
Bis(2-ethylhexyl) phthalate	0.36	U	0.36	0.019	mg/Kg	☼	09/27/25 15:54	09/28/25 14:09	1
Butyl benzyl phthalate	0.36	U	0.36	0.017	mg/Kg	☼	09/27/25 15:54	09/28/25 14:09	1
Caprolactam	0.36	U *	0.36	0.056	mg/Kg	☼	09/27/25 15:54	09/28/25 14:09	1
Carbazole	0.36	U	0.36	0.014	mg/Kg	☼	09/27/25 15:54	09/28/25 14:09	1
Chrysene	0.36	U	0.36	0.015	mg/Kg	☼	09/27/25 15:54	09/28/25 14:09	1
Dibenz(a,h)anthracene	0.036	U	0.036	0.016	mg/Kg	☼	09/27/25 15:54	09/28/25 14:09	1
Dibenzofuran	0.36	U	0.36	0.012	mg/Kg	☼	09/27/25 15:54	09/28/25 14:09	1

Client Sample ID: 53D_0-5
Date Collected: 09/25/25 08:30
Date Received: 09/25/25 16:10

Lab Sample ID: 460-335747-7
Matrix: Solid
Percent Solids: 91.5

Method: SW846 8270E - Semivolatile Organic Compounds (GC/MS) (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Diethyl phthalate	0.36	U	0.36	0.012	mg/Kg	☼	09/27/25 15:54	09/28/25 14:09	1
Dimethyl phthalate	0.36	U	0.36	0.082	mg/Kg	☼	09/27/25 15:54	09/28/25 14:09	1
Di-n-butyl phthalate	0.36	U	0.36	0.014	mg/Kg	☼	09/27/25 15:54	09/28/25 14:09	1
Di-n-octyl phthalate	0.36	U	0.36	0.019	mg/Kg	☼	09/27/25 15:54	09/28/25 14:09	1
Fluoranthene	0.36	U	0.36	0.013	mg/Kg	☼	09/27/25 15:54	09/28/25 14:09	1
Fluorene	0.36	U	0.36	0.010	mg/Kg	☼	09/27/25 15:54	09/28/25 14:09	1
Hexachlorobenzene	0.036	U	0.036	0.017	mg/Kg	☼	09/27/25 15:54	09/28/25 14:09	1
Hexachlorobutadiene	0.073	U	0.073	0.0076	mg/Kg	☼	09/27/25 15:54	09/28/25 14:09	1
Hexachlorocyclopentadiene	0.36	U	0.36	0.031	mg/Kg	☼	09/27/25 15:54	09/28/25 14:09	1
Hexachloroethane	0.036	U	0.036	0.012	mg/Kg	☼	09/27/25 15:54	09/28/25 14:09	1
Indeno[1,2,3-cd]pyrene	0.036	U	0.036	0.014	mg/Kg	☼	09/27/25 15:54	09/28/25 14:09	1
Isophorone	0.14	U	0.14	0.10	mg/Kg	☼	09/27/25 15:54	09/28/25 14:09	1
Naphthalene	0.36	U	0.36	0.0062	mg/Kg	☼	09/27/25 15:54	09/28/25 14:09	1
Nitrobenzene	0.036	U	0.036	0.020	mg/Kg	☼	09/27/25 15:54	09/28/25 14:09	1
N-Nitrosodi-n-propylamine	0.036	U	0.036	0.026	mg/Kg	☼	09/27/25 15:54	09/28/25 14:09	1
N-Nitrosodiphenylamine	0.36	U	0.36	0.029	mg/Kg	☼	09/27/25 15:54	09/28/25 14:09	1
Pentachlorophenol	0.29	U	0.29	0.074	mg/Kg	☼	09/27/25 15:54	09/28/25 14:09	1
Phenanthrene	0.36	U	0.36	0.015	mg/Kg	☼	09/27/25 15:54	09/28/25 14:09	1
Phenol	0.36	U	0.36	0.013	mg/Kg	☼	09/27/25 15:54	09/28/25 14:09	1
Pyrene	0.36	U	0.36	0.0089	mg/Kg	☼	09/27/25 15:54	09/28/25 14:09	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
2,4,6-Tribromophenol (Surr)	*66*		*18 - 137*	*09/27/25 15:54*	*09/28/25 14:09*	*1*
2-Fluorobiphenyl	*69*		*33 - 117*	*09/27/25 15:54*	*09/28/25 14:09*	*1*
2-Fluorophenol (Surr)	*72*		*24 - 120*	*09/27/25 15:54*	*09/28/25 14:09*	*1*
Nitrobenzene-d5 (Surr)	*70*		*27 - 120*	*09/27/25 15:54*	*09/28/25 14:09*	*1*
Phenol-d5 (Surr)	*67*		*28 - 118*	*09/27/25 15:54*	*09/28/25 14:09*	*1*
Terphenyl-d14 (Surr)	*77*		*33 - 124*	*09/27/25 15:54*	*09/28/25 14:09*	*1*

Method: SW846 8081B - Organochlorine Pesticides (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
4,4'-DDD	0.0073	U	0.0073	0.0012	mg/Kg	☼	09/27/25 19:28	09/28/25 10:56	1
4,4'-DDE	0.0073	U	0.0073	0.00086	mg/Kg	☼	09/27/25 19:28	09/28/25 10:56	1
4,4'-DDT	0.0073	U	0.0073	0.0013	mg/Kg	☼	09/27/25 19:28	09/28/25 10:56	1
Aldrin	0.0073	U	0.0073	0.0011	mg/Kg	☼	09/27/25 19:28	09/28/25 10:56	1
alpha-BHC	0.0022	U	0.0022	0.00074	mg/Kg	☼	09/27/25 19:28	09/28/25 10:56	1
beta-BHC	0.0022	U	0.0022	0.00082	mg/Kg	☼	09/27/25 19:28	09/28/25 10:56	1
Chlordane (technical)	0.073	U	0.073	0.018	mg/Kg	☼	09/27/25 19:28	09/28/25 10:56	1
cis-Chlordane	0.0073	U	0.0073	0.0012	mg/Kg	☼	09/27/25 19:28	09/28/25 10:56	1
delta-BHC	0.0022	U	0.0022	0.00045	mg/Kg	☼	09/27/25 19:28	09/28/25 10:56	1
Dieldrin	0.0022	U	0.0022	0.00095	mg/Kg	☼	09/27/25 19:28	09/28/25 10:56	1
Endosulfan I	0.0073	U	0.0073	0.0011	mg/Kg	☼	09/27/25 19:28	09/28/25 10:56	1
Endosulfan II	0.0073	U	0.0073	0.0019	mg/Kg	☼	09/27/25 19:28	09/28/25 10:56	1
Endosulfan sulfate	0.0073	U	0.0073	0.00092	mg/Kg	☼	09/27/25 19:28	09/28/25 10:56	1
Endrin	0.0073	U	0.0073	0.0010	mg/Kg	☼	09/27/25 19:28	09/28/25 10:56	1
Endrin aldehyde	0.0073	U	0.0073	0.0017	mg/Kg	☼	09/27/25 19:28	09/28/25 10:56	1
Endrin ketone	0.0073	U	0.0073	0.0014	mg/Kg	☼	09/27/25 19:28	09/28/25 10:56	1
gamma-BHC (Lindane)	0.0022	U	0.0022	0.00068	mg/Kg	☼	09/27/25 19:28	09/28/25 10:56	1
Heptachlor	0.0073	U	0.0073	0.00086	mg/Kg	☼	09/27/25 19:28	09/28/25 10:56	1
Heptachlor epoxide	0.0073	U	0.0073	0.0011	mg/Kg	☼	09/27/25 19:28	09/28/25 10:56	1

Client Sample ID: 53D_0-5
Date Collected: 09/25/25 08:30
Date Received: 09/25/25 16:10

Lab Sample ID: 460-335747-7
Matrix: Solid
Percent Solids: 91.5

Method: SW846 8081B - Organochlorine Pesticides (GC) (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Methoxychlor	0.0073	U	0.0073	0.0017	mg/Kg	☼	09/27/25 19:28	09/28/25 10:56	1
Toxaphene	0.073	U	0.073	0.026	mg/Kg	☼	09/27/25 19:28	09/28/25 10:56	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
DCB Decachlorobiphenyl	*90*		*10 - 150*	*09/27/25 19:28*	*09/28/25 10:56*	*1*
DCB Decachlorobiphenyl	*110*		*10 - 150*	*09/27/25 19:28*	*09/28/25 10:56*	*1*
Tetrachloro-m-xylene	*75*		*14 - 150*	*09/27/25 19:28*	*09/28/25 10:56*	*1*
Tetrachloro-m-xylene	*74*		*14 - 150*	*09/27/25 19:28*	*09/28/25 10:56*	*1*

Method: SW846 8082A - Polychlorinated Biphenyls (PCBs) by Gas Chromatography

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Aroclor 1016	0.073	U	0.073	0.019	mg/Kg	☼	09/27/25 19:23	09/28/25 14:37	1
Aroclor 1221	0.073	U	0.073	0.019	mg/Kg	☼	09/27/25 19:23	09/28/25 14:37	1
Aroclor 1232	0.073	U	0.073	0.019	mg/Kg	☼	09/27/25 19:23	09/28/25 14:37	1
Aroclor 1242	0.073	U	0.073	0.019	mg/Kg	☼	09/27/25 19:23	09/28/25 14:37	1
Aroclor 1248	0.073	U	0.073	0.019	mg/Kg	☼	09/27/25 19:23	09/28/25 14:37	1
Aroclor 1254	0.073	U	0.073	0.019	mg/Kg	☼	09/27/25 19:23	09/28/25 14:37	1
Aroclor 1260	0.073	U	0.073	0.019	mg/Kg	☼	09/27/25 19:23	09/28/25 14:37	1
Aroclor-1262	0.073	U	0.073	0.019	mg/Kg	☼	09/27/25 19:23	09/28/25 14:37	1
Aroclor 1268	0.073	U	0.073	0.019	mg/Kg	☼	09/27/25 19:23	09/28/25 14:37	1
Polychlorinated biphenyls, Total	0.073	U	0.073	0.019	mg/Kg	☼	09/27/25 19:23	09/28/25 14:37	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
DCB Decachlorobiphenyl	*113*		*10 - 150*	*09/27/25 19:23*	*09/28/25 14:37*	*1*
DCB Decachlorobiphenyl	*120*		*10 - 150*	*09/27/25 19:23*	*09/28/25 14:37*	*1*
Tetrachloro-m-xylene	*97*		*10 - 150*	*09/27/25 19:23*	*09/28/25 14:37*	*1*
Tetrachloro-m-xylene	*102*		*10 - 150*	*09/27/25 19:23*	*09/28/25 14:37*	*1*

Method: EPA 1633A - Per- and Polyfluoroalkyl Substances by LC/MS/MS, 1633A

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Perfluorobutanoic acid (PFBA)	0.40	U	0.40	0.10	ug/Kg	☼	10/01/25 06:38	10/02/25 04:01	1
Perfluoropentanoic acid (PFPeA)	0.20	U	0.20	0.10	ug/Kg	☼	10/01/25 06:38	10/02/25 04:01	1
Perfluorohexanoic acid (PFHxA)	0.20	U	0.20	0.10	ug/Kg	☼	10/01/25 06:38	10/02/25 04:01	1
Perfluoroheptanoic acid (PFHpA)	0.20	U	0.20	0.10	ug/Kg	☼	10/01/25 06:38	10/02/25 04:01	1
Perfluorooctanoic acid (PFOA)	**0.18**	**J**	0.20	0.060	ug/Kg	☼	10/01/25 06:38	10/02/25 04:01	1
Perfluorononanoic acid (PFNA)	**0.69**		0.20	0.10	ug/Kg	☼	10/01/25 06:38	10/02/25 04:01	1
Perfluorodecanoic acid (PFDA)	**0.76**		0.20	0.060	ug/Kg	☼	10/01/25 06:38	10/02/25 04:01	1
Perfluoroundecanoic acid (PFUnA)	**3.15**		0.20	0.10	ug/Kg	☼	10/01/25 06:38	10/02/25 04:01	1
Perfluorododecanoic acid (PFDoA)	**0.22**		0.20	0.10	ug/Kg	☼	10/01/25 06:38	10/02/25 04:01	1
Perfluorotridecanoic acid (PFTrDA)	**1.36**		0.20	0.10	ug/Kg	☼	10/01/25 06:38	10/02/25 04:01	1
Perfluorotetradecanoic acid (PFTeDA)	0.20	U	0.20	0.10	ug/Kg	☼	10/01/25 06:38	10/02/25 04:01	1
Perfluorobutanesulfonic acid (PFBS)	0.20	U	0.20	0.10	ug/Kg	☼	10/01/25 06:38	10/02/25 04:01	1
Perfluoropentanesulfonic acid (PFPeS)	0.20	U	0.20	0.10	ug/Kg	☼	10/01/25 06:38	10/02/25 04:01	1
Perfluorohexanesulfonic acid (PFHxS)	0.20	U	0.20	0.10	ug/Kg	☼	10/01/25 06:38	10/02/25 04:01	1
Perfluoroheptanesulfonic acid (PFHpS)	0.20	U	0.20	0.10	ug/Kg	☼	10/01/25 06:38	10/02/25 04:01	1
Perfluorooctanesulfonic acid (PFOS)	**0.11**	**J**	0.20	0.10	ug/Kg	☼	10/01/25 06:38	10/02/25 04:01	1

Client Sample ID: 53D_0-5
Date Collected: 09/25/25 08:30
Date Received: 09/25/25 16:10

Lab Sample ID: 460-335747-7
Matrix: Solid
Percent Solids: 91.5

Method: EPA 1633A - Per- and Polyfluoroalkyl Substances by LC/MS/MS, 1633A (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Perfluorononanesulfonic acid (PFNS)	0.20	U	0.20	0.10	ug/Kg	☼	10/01/25 06:38	10/02/25 04:01	1
Perfluorodecanesulfonic acid (PFDS)	0.20	U	0.20	0.10	ug/Kg	☼	10/01/25 06:38	10/02/25 04:01	1
Perfluorododecanesulfonic acid (PFDoS)	0.20	U	0.20	0.10	ug/Kg	☼	10/01/25 06:38	10/02/25 04:01	1
1H,1H,2H,2H-Perfluorohexane sulfonic acid (4:2 FTS)	0.40	U	0.40	0.20	ug/Kg	☼	10/01/25 06:38	10/02/25 04:01	1
1H,1H,2H,2H-Perfluorooctane sulfonic acid (6:2 FTS)	0.40	U	0.40	0.20	ug/Kg	☼	10/01/25 06:38	10/02/25 04:01	1
1H,1H,2H,2H-Perfluorodecane sulfonic acid (8:2 FTS)	0.40	U	0.40	0.20	ug/Kg	☼	10/01/25 06:38	10/02/25 04:01	1
Perfluorooctanesulfonamide (PFOSA)	0.20	U	0.20	0.10	ug/Kg	☼	10/01/25 06:38	10/02/25 04:01	1
N-methylperfluorooctane sulfonamide (NMeFOSA)	0.20	U	0.20	0.10	ug/Kg	☼	10/01/25 06:38	10/02/25 04:01	1
N-ethylperfluorooctane sulfonamide (NEtFOSA)	0.20	U	0.20	0.10	ug/Kg	☼	10/01/25 06:38	10/02/25 04:01	1
N-methylperfluorooctanesulfonamidoacetic acid (NMeFOSAA)	0.20	U	0.20	0.10	ug/Kg	☼	10/01/25 06:38	10/02/25 04:01	1
N-ethylperfluorooctanesulfonamidoacetic acid (NEtFOSAA)	0.20	U	0.20	0.10	ug/Kg	☼	10/01/25 06:38	10/02/25 04:01	1
N-methylperfluorooctane sulfonamidoethanol (NMeFOSE)	1.0	U	1.0	0.50	ug/Kg	☼	10/01/25 06:38	10/02/25 04:01	1
N-ethylperfluorooctane sulfonamidoethanol (NEtFOSE)	1.0	U	1.0	0.50	ug/Kg	☼	10/01/25 06:38	10/02/25 04:01	1
Hexafluoropropylene Oxide Dimer Acid (HFPO-DA)	0.20	U	0.20	0.10	ug/Kg	☼	10/01/25 06:38	10/02/25 04:01	1
4,8-Dioxa-3H-perfluorononanoic acid (ADONA)	0.20	U	0.20	0.10	ug/Kg	☼	10/01/25 06:38	10/02/25 04:01	1
Perfluoro-3-methoxypropanoic acid (PFMPA)	0.20	U	0.20	0.10	ug/Kg	☼	10/01/25 06:38	10/02/25 04:01	1
Perfluoro-4-methoxybutanoic acid (PFMBA)	0.20	U	0.20	0.10	ug/Kg	☼	10/01/25 06:38	10/02/25 04:01	1
Nonafluoro-3,6-dioxaheptanoic acid (NFDHA)	0.20	U	0.20	0.10	ug/Kg	☼	10/01/25 06:38	10/02/25 04:01	1
9-Chlorohexadecafluoro-3-oxanonane-1-sulfonic acid (9Cl-PF3ONS)	0.20	U	0.20	0.10	ug/Kg	☼	10/01/25 06:38	10/02/25 04:01	1
11-Chloroeicosafluoro-3-oxaundecane-1-sulfonic acid (11Cl-PF3OUdS)	0.20	U	0.20	0.10	ug/Kg	☼	10/01/25 06:38	10/02/25 04:01	1
Perfluoro (2-ethoxyethane) sulfonic acid (PFEESA)	0.20	U	0.20	0.10	ug/Kg	☼	10/01/25 06:38	10/02/25 04:01	1
3-Perfluoropropylpropanoic acid (3:3 FTCA)	0.40	U	0.40	0.20	ug/Kg	☼	10/01/25 06:38	10/02/25 04:01	1
3-Perfluoropentylpropanoic acid (5:3 FTCA)	1.0	U	1.0	0.50	ug/Kg	☼	10/01/25 06:38	10/02/25 04:01	1
3-Perfluoroheptylpropanoic acid (7:3 FTCA)	1.0	U	1.0	0.50	ug/Kg	☼	10/01/25 06:38	10/02/25 04:01	1

Isotope Dilution	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
13C4 PFBA	*97.3*		*8 - 130*	*10/01/25 06:38*	*10/02/25 04:01*	*1*
13C5 PFPeA	*83.2*		*35 - 130*	*10/01/25 06:38*	*10/02/25 04:01*	*1*
13C5 PFHxA	*87.4*		*40 - 130*	*10/01/25 06:38*	*10/02/25 04:01*	*1*
13C4 PFHpA	*93.5*		*40 - 130*	*10/01/25 06:38*	*10/02/25 04:01*	*1*
13C8 PFOA	*93.6*		*40 - 130*	*10/01/25 06:38*	*10/02/25 04:01*	*1*
13C9 PFNA	*89.3*		*40 - 130*	*10/01/25 06:38*	*10/02/25 04:01*	*1*
13C6 PFDA	*85.3*		*40 - 130*	*10/01/25 06:38*	*10/02/25 04:01*	*1*
13C7 PFUnA	*71.2*		*40 - 130*	*10/01/25 06:38*	*10/02/25 04:01*	*1*

Client Sample ID: 53D_0-5

Date Collected: 09/25/25 08:30
Date Received: 09/25/25 16:10

Lab Sample ID: 460-335747-7

Matrix: Solid
Percent Solids: 91.5

Method: EPA 1633A - Per- and Polyfluoroalkyl Substances by LC/MS/MS, 1633A (Continued)

Isotope Dilution	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
13C2 PFTeDA	61.3		20 - 130	10/01/25 06:38	10/02/25 04:01	1
13C3 PFBS	81.3		40 - 135	10/01/25 06:38	10/02/25 04:01	1
13C3 PFHxS	86.3		40 - 130	10/01/25 06:38	10/02/25 04:01	1
13C8 PFOS	81.0		40 - 130	10/01/25 06:38	10/02/25 04:01	1
13C8 FOSA	82.7		40 - 130	10/01/25 06:38	10/02/25 04:01	1
d3-NMeFOSAA	79.9		40 - 135	10/01/25 06:38	10/02/25 04:01	1
d5-NEtFOSAA	67.5		40 - 150	10/01/25 06:38	10/02/25 04:01	1
13C2 4:2 FTS	80.0		40 - 165	10/01/25 06:38	10/02/25 04:01	1
13C2 6:2 FTS	89.3		40 - 215	10/01/25 06:38	10/02/25 04:01	1
13C2 8:2 FTS	81.8		40 - 275	10/01/25 06:38	10/02/25 04:01	1
13C3 HFPO-DA	85.9		40 - 130	10/01/25 06:38	10/02/25 04:01	1
d7-N-MeFOSE-M	31.2		20 - 130	10/01/25 06:38	10/02/25 04:01	1
d9-N-EtFOSE-M	19.0		15 - 130	10/01/25 06:38	10/02/25 04:01	1
d5-NEtPFOSA	59.8		10 - 130	10/01/25 06:38	10/02/25 04:01	1
d3-NMePFOSA	69.0		10 - 130	10/01/25 06:38	10/02/25 04:01	1
13C2 PFDoA	68.2		40 - 130	10/01/25 06:38	10/02/25 04:01	1

Method: SW846 6020B - Metals (ICP/MS)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Aluminum	6260		20.1	5.5	mg/Kg	☼	10/01/25 08:03	10/01/25 19:57	1
Antimony	0.46	J	1.0	0.15	mg/Kg	☼	10/01/25 08:03	10/01/25 19:57	1
Arsenic	5.9		1.0	0.10	mg/Kg	☼	10/01/25 08:03	10/01/25 19:57	1
Barium	42.8		2.0	0.15	mg/Kg	☼	10/01/25 08:03	10/01/25 19:57	1
Beryllium	0.46		0.40	0.022	mg/Kg	☼	10/01/25 08:03	10/01/25 19:57	1
Cadmium	0.23	J	1.0	0.11	mg/Kg	☼	10/01/25 08:03	10/01/25 19:57	1
Calcium	2390		100	9.8	mg/Kg	☼	10/01/25 08:03	10/01/25 19:57	1
Chromium	12.9		2.0	0.30	mg/Kg	☼	10/01/25 08:03	10/01/25 19:57	1
Cobalt	5.4		1.0	0.15	mg/Kg	☼	10/01/25 08:03	10/01/25 19:57	1
Copper	33.6		2.0	0.37	mg/Kg	☼	10/01/25 08:03	10/01/25 19:57	1
Iron	16600		60.2	7.7	mg/Kg	☼	10/01/25 08:03	10/01/25 19:57	1
Lead	45.0		0.60	0.20	mg/Kg	☼	10/01/25 08:03	10/01/25 19:57	1
Magnesium	2790		100	10.2	mg/Kg	☼	10/01/25 08:03	10/01/25 19:57	1
Manganese	236		4.0	0.40	mg/Kg	☼	10/01/25 08:03	10/01/25 19:57	1
Nickel	11.0		2.0	0.18	mg/Kg	☼	10/01/25 08:03	10/01/25 19:57	1
Potassium	836		100	16.2	mg/Kg	☼	10/01/25 08:03	10/01/25 19:57	1
Selenium	0.20	J	1.3	0.13	mg/Kg	☼	10/01/25 08:03	10/01/25 19:57	1
Silver	0.23	J	0.40	0.089	mg/Kg	☼	10/01/25 08:03	10/01/25 19:57	1
Sodium	97.7	J	100	45.8	mg/Kg	☼	10/01/25 08:03	10/01/25 19:57	1
Thallium	0.085	J	0.40	0.041	mg/Kg	☼	10/01/25 08:03	10/01/25 19:57	1
Vanadium	25.6		2.0	0.21	mg/Kg	☼	10/01/25 08:03	10/01/25 19:57	1
Zinc	55.1		8.0	1.1	mg/Kg	☼	10/01/25 08:03	10/01/25 19:57	1

Method: SW846 7471B - Mercury (CVAA)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	0.033		0.018	0.0085	mg/Kg	☼	10/01/25 02:19	10/01/25 19:02	1

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Percent Moisture (EPA Moisture)	8.5		1.0	1.0	%			09/30/25 17:39	1
Percent Solids (EPA Moisture)	91.5		1.0	1.0	%			09/30/25 17:39	1

Client Sample ID: 53D_5-10
Date Collected: 09/25/25 08:35
Date Received: 09/25/25 16:10

Lab Sample ID: 460-335747-8
Matrix: Solid
Percent Solids: 88.3

Method: SW846 8270E - Semivolatile Organic Compounds (GC/MS)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1'-Biphenyl	0.37	U	0.37	0.013	mg/Kg	☼	09/27/25 15:54	09/28/25 14:26	1
1,2,4,5-Tetrachlorobenzene	0.37	U	0.37	0.012	mg/Kg	☼	09/27/25 15:54	09/28/25 14:26	1
1,4-Dioxane	0.037	U	0.037	0.033	mg/Kg	☼	09/27/25 15:54	09/28/25 14:26	1
2,2'-oxybis[1-chloropropane]	0.37	U	0.37	0.022	mg/Kg	☼	09/27/25 15:54	09/28/25 14:26	1
2,3,4,6-Tetrachlorophenol	0.37	U	0.37	0.025	mg/Kg	☼	09/27/25 15:54	09/28/25 14:26	1
2,4,5-Trichlorophenol	0.37	U	0.37	0.038	mg/Kg	☼	09/27/25 15:54	09/28/25 14:26	1
2,4,6-Trichlorophenol	0.15	U	0.15	0.048	mg/Kg	☼	09/27/25 15:54	09/28/25 14:26	1
2,4-Dichlorophenol	0.15	U	0.15	0.024	mg/Kg	☼	09/27/25 15:54	09/28/25 14:26	1
2,4-Dimethylphenol	0.37	U	0.37	0.044	mg/Kg	☼	09/27/25 15:54	09/28/25 14:26	1
2,4-Dinitrophenol	0.30	U	0.30	0.18	mg/Kg	☼	09/27/25 15:54	09/28/25 14:26	1
2,4-Dinitrotoluene	0.075	U	0.075	0.040	mg/Kg	☼	09/27/25 15:54	09/28/25 14:26	1
2,6-Dinitrotoluene	0.075	U	0.075	0.027	mg/Kg	☼	09/27/25 15:54	09/28/25 14:26	1
2-Chloronaphthalene	0.37	U	0.37	0.048	mg/Kg	☼	09/27/25 15:54	09/28/25 14:26	1
2-Chlorophenol	0.37	U	0.37	0.013	mg/Kg	☼	09/27/25 15:54	09/28/25 14:26	1
2-Methylnaphthalene	0.37	U	0.37	0.010	mg/Kg	☼	09/27/25 15:54	09/28/25 14:26	1
2-Methylphenol	0.37	U	0.37	0.014	mg/Kg	☼	09/27/25 15:54	09/28/25 14:26	1
2-Nitroaniline	0.37	U	0.37	0.028	mg/Kg	☼	09/27/25 15:54	09/28/25 14:26	1
2-Nitrophenol	0.37	U	0.37	0.037	mg/Kg	☼	09/27/25 15:54	09/28/25 14:26	1
3 & 4 Methylphenol	0.37	U	0.37	0.023	mg/Kg	☼	09/27/25 15:54	09/28/25 14:26	1
3,3'-Dichlorobenzidine	0.15	U	0.15	0.056	mg/Kg	☼	09/27/25 15:54	09/28/25 14:26	1
3-Nitroaniline	0.37	U	0.37	0.088	mg/Kg	☼	09/27/25 15:54	09/28/25 14:26	1
4,6-Dinitro-2-methylphenol	0.30	U	0.30	0.15	mg/Kg	☼	09/27/25 15:54	09/28/25 14:26	1
4-Bromophenyl phenyl ether	0.37	U	0.37	0.015	mg/Kg	☼	09/27/25 15:54	09/28/25 14:26	1
4-Chloro-3-methylphenol	0.37	U	0.37	0.021	mg/Kg	☼	09/27/25 15:54	09/28/25 14:26	1
4-Chloroaniline	0.37	U	0.37	0.066	mg/Kg	☼	09/27/25 15:54	09/28/25 14:26	1
4-Chlorophenyl phenyl ether	0.37	U	0.37	0.013	mg/Kg	☼	09/27/25 15:54	09/28/25 14:26	1
4-Methylphenol	0.37	U	0.37	0.023	mg/Kg	☼	09/27/25 15:54	09/28/25 14:26	1
4-Nitroaniline	0.37	U	0.37	0.094	mg/Kg	☼	09/27/25 15:54	09/28/25 14:26	1
4-Nitrophenol	0.75	U	0.75	0.061	mg/Kg	☼	09/27/25 15:54	09/28/25 14:26	1
Acenaphthene	0.37	U	0.37	0.011	mg/Kg	☼	09/27/25 15:54	09/28/25 14:26	1
Acenaphthylene	0.37	U	0.37	0.011	mg/Kg	☼	09/27/25 15:54	09/28/25 14:26	1
Acetophenone	0.37	U	0.37	0.018	mg/Kg	☼	09/27/25 15:54	09/28/25 14:26	1
Anthracene	0.37	U	0.37	0.011	mg/Kg	☼	09/27/25 15:54	09/28/25 14:26	1
Atrazine	0.15	U *	0.15	0.022	mg/Kg	☼	09/27/25 15:54	09/28/25 14:26	1
Benzaldehyde	0.37	U	0.37	0.062	mg/Kg	☼	09/27/25 15:54	09/28/25 14:26	1
Benzo[a]anthracene	0.037	U	0.037	0.028	mg/Kg	☼	09/27/25 15:54	09/28/25 14:26	1
Benzo[a]pyrene	0.037	U	0.037	0.0099	mg/Kg	☼	09/27/25 15:54	09/28/25 14:26	1
Benzo[b]fluoranthene	0.037	U	0.037	0.0096	mg/Kg	☼	09/27/25 15:54	09/28/25 14:26	1
Benzo[g,h,i]perylene	0.37	U	0.37	0.011	mg/Kg	☼	09/27/25 15:54	09/28/25 14:26	1
Benzo[k]fluoranthene	0.037	U	0.037	0.0073	mg/Kg	☼	09/27/25 15:54	09/28/25 14:26	1
Bis(2-chloroethoxy)methane	0.37	U	0.37	0.069	mg/Kg	☼	09/27/25 15:54	09/28/25 14:26	1
Bis(2-chloroethyl)ether	0.037	U	0.037	0.013	mg/Kg	☼	09/27/25 15:54	09/28/25 14:26	1
Bis(2-ethylhexyl) phthalate	0.37	U	0.37	0.020	mg/Kg	☼	09/27/25 15:54	09/28/25 14:26	1
Butyl benzyl phthalate	0.37	U	0.37	0.017	mg/Kg	☼	09/27/25 15:54	09/28/25 14:26	1
Caprolactam	0.37	U *	0.37	0.058	mg/Kg	☼	09/27/25 15:54	09/28/25 14:26	1
Carbazole	0.37	U	0.37	0.014	mg/Kg	☼	09/27/25 15:54	09/28/25 14:26	1
Chrysene	0.37	U	0.37	0.016	mg/Kg	☼	09/27/25 15:54	09/28/25 14:26	1
Dibenz(a,h)anthracene	0.037	U	0.037	0.016	mg/Kg	☼	09/27/25 15:54	09/28/25 14:26	1
Dibenzofuran	0.37	U	0.37	0.012	mg/Kg	☼	09/27/25 15:54	09/28/25 14:26	1

Client Sample ID: 53D_5-10
Date Collected: 09/25/25 08:35
Date Received: 09/25/25 16:10

Lab Sample ID: 460-335747-8
Matrix: Solid
Percent Solids: 88.3

Method: SW846 8270E - Semivolatile Organic Compounds (GC/MS) (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Diethyl phthalate	0.37	U	0.37	0.012	mg/Kg	☼	09/27/25 15:54	09/28/25 14:26	1
Dimethyl phthalate	0.37	U	0.37	0.085	mg/Kg	☼	09/27/25 15:54	09/28/25 14:26	1
Di-n-butyl phthalate	0.37	U	0.37	0.014	mg/Kg	☼	09/27/25 15:54	09/28/25 14:26	1
Di-n-octyl phthalate	0.37	U	0.37	0.020	mg/Kg	☼	09/27/25 15:54	09/28/25 14:26	1
Fluoranthene	0.37	U	0.37	0.013	mg/Kg	☼	09/27/25 15:54	09/28/25 14:26	1
Fluorene	0.37	U	0.37	0.011	mg/Kg	☼	09/27/25 15:54	09/28/25 14:26	1
Hexachlorobenzene	0.037	U	0.037	0.018	mg/Kg	☼	09/27/25 15:54	09/28/25 14:26	1
Hexachlorobutadiene	0.075	U	0.075	0.0079	mg/Kg	☼	09/27/25 15:54	09/28/25 14:26	1
Hexachlorocyclopentadiene	0.37	U	0.37	0.033	mg/Kg	☼	09/27/25 15:54	09/28/25 14:26	1
Hexachloroethane	0.037	U	0.037	0.013	mg/Kg	☼	09/27/25 15:54	09/28/25 14:26	1
Indeno[1,2,3-cd]pyrene	0.037	U	0.037	0.015	mg/Kg	☼	09/27/25 15:54	09/28/25 14:26	1
Isophorone	0.15	U	0.15	0.11	mg/Kg	☼	09/27/25 15:54	09/28/25 14:26	1
Naphthalene	0.37	U	0.37	0.0064	mg/Kg	☼	09/27/25 15:54	09/28/25 14:26	1
Nitrobenzene	0.037	U	0.037	0.021	mg/Kg	☼	09/27/25 15:54	09/28/25 14:26	1
N-Nitrosodi-n-propylamine	0.037	U	0.037	0.027	mg/Kg	☼	09/27/25 15:54	09/28/25 14:26	1
N-Nitrosodiphenylamine	0.37	U	0.37	0.031	mg/Kg	☼	09/27/25 15:54	09/28/25 14:26	1
Pentachlorophenol	0.30	U	0.30	0.076	mg/Kg	☼	09/27/25 15:54	09/28/25 14:26	1
Phenanthrene	0.37	U	0.37	0.015	mg/Kg	☼	09/27/25 15:54	09/28/25 14:26	1
Phenol	0.37	U	0.37	0.014	mg/Kg	☼	09/27/25 15:54	09/28/25 14:26	1
Pyrene	0.37	U	0.37	0.0093	mg/Kg	☼	09/27/25 15:54	09/28/25 14:26	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
2,4,6-Tribromophenol (Surr)	*71*		*18 - 137*	*09/27/25 15:54*	*09/28/25 14:26*	*1*
2-Fluorobiphenyl	*68*		*33 - 117*	*09/27/25 15:54*	*09/28/25 14:26*	*1*
2-Fluorophenol (Surr)	*69*		*24 - 120*	*09/27/25 15:54*	*09/28/25 14:26*	*1*
Nitrobenzene-d5 (Surr)	*70*		*27 - 120*	*09/27/25 15:54*	*09/28/25 14:26*	*1*
Phenol-d5 (Surr)	*67*		*28 - 118*	*09/27/25 15:54*	*09/28/25 14:26*	*1*
Terphenyl-d14 (Surr)	*84*		*33 - 124*	*09/27/25 15:54*	*09/28/25 14:26*	*1*

Method: SW846 8081B - Organochlorine Pesticides (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
4,4'-DDD	0.0076	U	0.0076	0.0013	mg/Kg	☼	09/27/25 19:28	09/28/25 11:08	1
4,4'-DDE	0.0076	U	0.0076	0.00089	mg/Kg	☼	09/27/25 19:28	09/28/25 11:08	1
4,4'-DDT	**0.0022**	**J**	0.0076	0.0014	mg/Kg	☼	09/27/25 19:28	09/28/25 11:08	1
Aldrin	0.0076	U	0.0076	0.0011	mg/Kg	☼	09/27/25 19:28	09/28/25 11:08	1
alpha-BHC	0.0023	U	0.0023	0.00077	mg/Kg	☼	09/27/25 19:28	09/28/25 11:08	1
beta-BHC	0.0023	U	0.0023	0.00085	mg/Kg	☼	09/27/25 19:28	09/28/25 11:08	1
Chlordane (technical)	0.076	U	0.076	0.018	mg/Kg	☼	09/27/25 19:28	09/28/25 11:08	1
cis-Chlordane	0.0076	U	0.0076	0.0012	mg/Kg	☼	09/27/25 19:28	09/28/25 11:08	1
delta-BHC	0.0023	U	0.0023	0.00046	mg/Kg	☼	09/27/25 19:28	09/28/25 11:08	1
Dieldrin	0.0023	U	0.0023	0.00099	mg/Kg	☼	09/27/25 19:28	09/28/25 11:08	1
Endosulfan I	0.0076	U	0.0076	0.0012	mg/Kg	☼	09/27/25 19:28	09/28/25 11:08	1
Endosulfan II	0.0076	U	0.0076	0.0019	mg/Kg	☼	09/27/25 19:28	09/28/25 11:08	1
Endosulfan sulfate	0.0076	U	0.0076	0.00095	mg/Kg	☼	09/27/25 19:28	09/28/25 11:08	1
Endrin	0.0076	U	0.0076	0.0011	mg/Kg	☼	09/27/25 19:28	09/28/25 11:08	1
Endrin aldehyde	0.0076	U	0.0076	0.0018	mg/Kg	☼	09/27/25 19:28	09/28/25 11:08	1
Endrin ketone	0.0076	U	0.0076	0.0015	mg/Kg	☼	09/27/25 19:28	09/28/25 11:08	1
gamma-BHC (Lindane)	0.0023	U	0.0023	0.00070	mg/Kg	☼	09/27/25 19:28	09/28/25 11:08	1
Heptachlor	0.0076	U	0.0076	0.00089	mg/Kg	☼	09/27/25 19:28	09/28/25 11:08	1
Heptachlor epoxide	0.0076	U	0.0076	0.0011	mg/Kg	☼	09/27/25 19:28	09/28/25 11:08	1

Client Sample ID: 53D_5-10
Date Collected: 09/25/25 08:35
Date Received: 09/25/25 16:10

Lab Sample ID: 460-335747-8
Matrix: Solid
Percent Solids: 88.3

Method: SW846 8081B - Organochlorine Pesticides (GC) (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Methoxychlor	0.0076	U	0.0076	0.0017	mg/Kg	☼	09/27/25 19:28	09/28/25 11:08	1
Toxaphene	0.076	U	0.076	0.027	mg/Kg	☼	09/27/25 19:28	09/28/25 11:08	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
DCB Decachlorobiphenyl	*84*		*10 - 150*	*09/27/25 19:28*	*09/28/25 11:08*	*1*
DCB Decachlorobiphenyl	*109*		*10 - 150*	*09/27/25 19:28*	*09/28/25 11:08*	*1*
Tetrachloro-m-xylene	*71*		*14 - 150*	*09/27/25 19:28*	*09/28/25 11:08*	*1*
Tetrachloro-m-xylene	*73*		*14 - 150*	*09/27/25 19:28*	*09/28/25 11:08*	*1*

Method: SW846 8082A - Polychlorinated Biphenyls (PCBs) by Gas Chromatography

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Aroclor 1016	0.076	U	0.076	0.020	mg/Kg	☼	09/27/25 19:23	09/28/25 14:53	1
Aroclor 1221	0.076	U	0.076	0.020	mg/Kg	☼	09/27/25 19:23	09/28/25 14:53	1
Aroclor 1232	0.076	U	0.076	0.020	mg/Kg	☼	09/27/25 19:23	09/28/25 14:53	1
Aroclor 1242	0.076	U	0.076	0.020	mg/Kg	☼	09/27/25 19:23	09/28/25 14:53	1
Aroclor 1248	0.076	U	0.076	0.020	mg/Kg	☼	09/27/25 19:23	09/28/25 14:53	1
Aroclor 1254	0.076	U	0.076	0.020	mg/Kg	☼	09/27/25 19:23	09/28/25 14:53	1
Aroclor 1260	0.076	U	0.076	0.020	mg/Kg	☼	09/27/25 19:23	09/28/25 14:53	1
Aroclor-1262	0.076	U	0.076	0.020	mg/Kg	☼	09/27/25 19:23	09/28/25 14:53	1
Aroclor 1268	0.076	U	0.076	0.020	mg/Kg	☼	09/27/25 19:23	09/28/25 14:53	1
Polychlorinated biphenyls, Total	0.076	U	0.076	0.020	mg/Kg	☼	09/27/25 19:23	09/28/25 14:53	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
DCB Decachlorobiphenyl	*106*		*10 - 150*	*09/27/25 19:23*	*09/28/25 14:53*	*1*
DCB Decachlorobiphenyl	*110*		*10 - 150*	*09/27/25 19:23*	*09/28/25 14:53*	*1*
Tetrachloro-m-xylene	*87*		*10 - 150*	*09/27/25 19:23*	*09/28/25 14:53*	*1*
Tetrachloro-m-xylene	*93*		*10 - 150*	*09/27/25 19:23*	*09/28/25 14:53*	*1*

Method: EPA 1633A - Per- and Polyfluoroalkyl Substances by LC/MS/MS, 1633A

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Perfluorobutanoic acid (PFBA)	0.40	U	0.40	0.099	ug/Kg	☼	10/01/25 06:38	10/02/25 04:15	1
Perfluoropentanoic acid (PFPeA)	0.20	U	0.20	0.099	ug/Kg	☼	10/01/25 06:38	10/02/25 04:15	1
Perfluorohexanoic acid (PFHxA)	0.20	U	0.20	0.099	ug/Kg	☼	10/01/25 06:38	10/02/25 04:15	1
Perfluoroheptanoic acid (PFHpA)	0.20	U	0.20	0.099	ug/Kg	☼	10/01/25 06:38	10/02/25 04:15	1
Perfluorooctanoic acid (PFOA)	**0.074**	**J**	0.20	0.060	ug/Kg	☼	10/01/25 06:38	10/02/25 04:15	1
Perfluorononanoic acid (PFNA)	**0.21**		0.20	0.099	ug/Kg	☼	10/01/25 06:38	10/02/25 04:15	1
Perfluorodecanoic acid (PFDA)	**0.22**		0.20	0.060	ug/Kg	☼	10/01/25 06:38	10/02/25 04:15	1
Perfluoroundecanoic acid (PFUnA)	**1.97**		0.20	0.099	ug/Kg	☼	10/01/25 06:38	10/02/25 04:15	1
Perfluorododecanoic acid (PFDoA)	**0.23**		0.20	0.099	ug/Kg	☼	10/01/25 06:38	10/02/25 04:15	1
Perfluorotridecanoic acid (PFTrDA)	**3.37**		0.20	0.099	ug/Kg	☼	10/01/25 06:38	10/02/25 04:15	1
Perfluorotetradecanoic acid (PFTeDA)	0.20	U	0.20	0.099	ug/Kg	☼	10/01/25 06:38	10/02/25 04:15	1
Perfluorobutanesulfonic acid (PFBS)	0.20	U	0.20	0.099	ug/Kg	☼	10/01/25 06:38	10/02/25 04:15	1
Perfluoropentanesulfonic acid (PFPeS)	0.20	U	0.20	0.099	ug/Kg	☼	10/01/25 06:38	10/02/25 04:15	1
Perfluorohexanesulfonic acid (PFHxS)	0.20	U	0.20	0.099	ug/Kg	☼	10/01/25 06:38	10/02/25 04:15	1
Perfluoroheptanesulfonic acid (PFHpS)	0.20	U	0.20	0.099	ug/Kg	☼	10/01/25 06:38	10/02/25 04:15	1
Perfluorooctanesulfonic acid (PFOS)	0.20	U	0.20	0.099	ug/Kg	☼	10/01/25 06:38	10/02/25 04:15	1
Perfluorononanesulfonic acid (PFNS)	0.20	U	0.20	0.099	ug/Kg	☼	10/01/25 06:38	10/02/25 04:15	1

Client Sample ID: 53D_5-10
Date Collected: 09/25/25 08:35
Date Received: 09/25/25 16:10

Lab Sample ID: 460-335747-8
Matrix: Solid
Percent Solids: 88.3

Method: EPA 1633A - Per- and Polyfluoroalkyl Substances by LC/MS/MS, 1633A (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Perfluorodecanesulfonic acid (PFDS)	0.20	U	0.20	0.099	ug/Kg	☼	10/01/25 06:38	10/02/25 04:15	1
Perfluorododecanesulfonic acid (PFDoS)	0.20	U	0.20	0.099	ug/Kg	☼	10/01/25 06:38	10/02/25 04:15	1
1H,1H,2H,2H-Perfluorohexane sulfonic acid (4:2 FTS)	0.40	U	0.40	0.20	ug/Kg	☼	10/01/25 06:38	10/02/25 04:15	1
1H,1H,2H,2H-Perfluorooctane sulfonic acid (6:2 FTS)	0.40	U	0.40	0.20	ug/Kg	☼	10/01/25 06:38	10/02/25 04:15	1
1H,1H,2H,2H-Perfluorodecane sulfonic acid (8:2 FTS)	**0.69**		0.40	0.20	ug/Kg	☼	10/01/25 06:38	10/02/25 04:15	1
Perfluorooctanesulfonamide (PFOSA)	0.20	U	0.20	0.099	ug/Kg	☼	10/01/25 06:38	10/02/25 04:15	1
N-methylperfluorooctane sulfonamide (NMeFOSA)	0.20	U	0.20	0.099	ug/Kg	☼	10/01/25 06:38	10/02/25 04:15	1
N-ethylperfluorooctane sulfonamide (NEtFOSA)	0.20	U	0.20	0.099	ug/Kg	☼	10/01/25 06:38	10/02/25 04:15	1
N-methylperfluorooctanesulfonamidoacetic acid (NMeFOSAA)	0.20	U	0.20	0.099	ug/Kg	☼	10/01/25 06:38	10/02/25 04:15	1
N-ethylperfluorooctanesulfonamidoacetic acid (NEtFOSAA)	0.20	U	0.20	0.099	ug/Kg	☼	10/01/25 06:38	10/02/25 04:15	1
N-methylperfluorooctane sulfonamidoethanol (NMeFOSE)	0.99	U	0.99	0.50	ug/Kg	☼	10/01/25 06:38	10/02/25 04:15	1
N-ethylperfluorooctane sulfonamidoethanol (NEtFOSE)	0.99	U	0.99	0.50	ug/Kg	☼	10/01/25 06:38	10/02/25 04:15	1
Hexafluoropropylene Oxide Dimer Acid (HFPO-DA)	0.20	U	0.20	0.099	ug/Kg	☼	10/01/25 06:38	10/02/25 04:15	1
4,8-Dioxa-3H-perfluorononanoic acid (ADONA)	0.20	U	0.20	0.099	ug/Kg	☼	10/01/25 06:38	10/02/25 04:15	1
Perfluoro-3-methoxypropanoic acid (PFMPA)	0.20	U	0.20	0.099	ug/Kg	☼	10/01/25 06:38	10/02/25 04:15	1
Perfluoro-4-methoxybutanoic acid (PFMBA)	0.20	U	0.20	0.099	ug/Kg	☼	10/01/25 06:38	10/02/25 04:15	1
Nonafluoro-3,6-dioxaheptanoic acid (NFDHA)	0.20	U	0.20	0.099	ug/Kg	☼	10/01/25 06:38	10/02/25 04:15	1
9-Chlorohexadecafluoro-3-oxanonane-1-sulfonic acid (9Cl-PF3ONS)	0.20	U	0.20	0.099	ug/Kg	☼	10/01/25 06:38	10/02/25 04:15	1
11-Chloroeicosafluoro-3-oxaundecane-1-sulfonic acid (11Cl-PF3OUdS)	0.20	U	0.20	0.099	ug/Kg	☼	10/01/25 06:38	10/02/25 04:15	1
Perfluoro (2-ethoxyethane) sulfonic acid (PFEESA)	0.20	U	0.20	0.099	ug/Kg	☼	10/01/25 06:38	10/02/25 04:15	1
3-Perfluoropropylpropanoic acid (3:3 FTCA)	0.40	U	0.40	0.20	ug/Kg	☼	10/01/25 06:38	10/02/25 04:15	1
3-Perfluoropentylpropanoic acid (5:3 FTCA)	0.99	U	0.99	0.50	ug/Kg	☼	10/01/25 06:38	10/02/25 04:15	1
3-Perfluoroheptylpropanoic acid (7:3 FTCA)	0.99	U	0.99	0.50	ug/Kg	☼	10/01/25 06:38	10/02/25 04:15	1

Isotope Dilution	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
13C4 PFBA	*97.1*		*8 - 130*	*10/01/25 06:38*	*10/02/25 04:15*	*1*
13C5 PFPeA	*84.2*		*35 - 130*	*10/01/25 06:38*	*10/02/25 04:15*	*1*
13C5 PFHxA	*87.8*		*40 - 130*	*10/01/25 06:38*	*10/02/25 04:15*	*1*
13C4 PFHpA	*92.6*		*40 - 130*	*10/01/25 06:38*	*10/02/25 04:15*	*1*
13C8 PFOA	*87.4*		*40 - 130*	*10/01/25 06:38*	*10/02/25 04:15*	*1*
13C9 PFNA	*85.5*		*40 - 130*	*10/01/25 06:38*	*10/02/25 04:15*	*1*
13C6 PFDA	*84.0*		*40 - 130*	*10/01/25 06:38*	*10/02/25 04:15*	*1*
13C7 PFUnA	*76.8*		*40 - 130*	*10/01/25 06:38*	*10/02/25 04:15*	*1*
13C2 PFTeDA	*66.3*		*20 - 130*	*10/01/25 06:38*	*10/02/25 04:15*	*1*

Client Sample ID: 53D_5-10

Date Collected: 09/25/25 08:35
Date Received: 09/25/25 16:10

Lab Sample ID: 460-335747-8

Matrix: Solid
Percent Solids: 88.3

Method: EPA 1633A - Per- and Polyfluoroalkyl Substances by LC/MS/MS, 1633A (Continued)

Isotope Dilution	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
13C3 PFBS	81.7		40 - 135	10/01/25 06:38	10/02/25 04:15	1
13C3 PFHxS	87.5		40 - 130	10/01/25 06:38	10/02/25 04:15	1
13C8 PFOS	80.1		40 - 130	10/01/25 06:38	10/02/25 04:15	1
13C8 FOSA	91.1		40 - 130	10/01/25 06:38	10/02/25 04:15	1
d3-NMeFOSAA	87.0		40 - 135	10/01/25 06:38	10/02/25 04:15	1
d5-NEtFOSAA	80.5		40 - 150	10/01/25 06:38	10/02/25 04:15	1
13C2 4:2 FTS	87.6		40 - 165	10/01/25 06:38	10/02/25 04:15	1
13C2 6:2 FTS	95.3		40 - 215	10/01/25 06:38	10/02/25 04:15	1
13C2 8:2 FTS	90.4		40 - 275	10/01/25 06:38	10/02/25 04:15	1
13C3 HFPO-DA	81.7		40 - 130	10/01/25 06:38	10/02/25 04:15	1
d7-N-MeFOSE-M	38.4		20 - 130	10/01/25 06:38	10/02/25 04:15	1
d9-N-EtFOSE-M	26.8		15 - 130	10/01/25 06:38	10/02/25 04:15	1
d5-NEtPFOSA	69.0		10 - 130	10/01/25 06:38	10/02/25 04:15	1
d3-NMePFOSA	79.7		10 - 130	10/01/25 06:38	10/02/25 04:15	1
13C2 PFDoA	79.8		40 - 130	10/01/25 06:38	10/02/25 04:15	1

Method: SW846 6020B - Metals (ICP/MS)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Aluminum	8080		21.2	5.8	mg/Kg	☼	10/01/25 08:03	10/01/25 20:00	1
Antimony	0.99	J	1.1	0.15	mg/Kg	☼	10/01/25 08:03	10/01/25 20:00	1
Arsenic	7.9		1.1	0.11	mg/Kg	☼	10/01/25 08:03	10/01/25 20:00	1
Barium	77.7		2.1	0.15	mg/Kg	☼	10/01/25 08:03	10/01/25 20:00	1
Beryllium	1.0		0.42	0.023	mg/Kg	☼	10/01/25 08:03	10/01/25 20:00	1
Cadmium	0.51	J	1.1	0.12	mg/Kg	☼	10/01/25 08:03	10/01/25 20:00	1
Calcium	2420		106	10.3	mg/Kg	☼	10/01/25 08:03	10/01/25 20:00	1
Chromium	26.0		2.1	0.31	mg/Kg	☼	10/01/25 08:03	10/01/25 20:00	1
Cobalt	9.1		1.1	0.16	mg/Kg	☼	10/01/25 08:03	10/01/25 20:00	1
Copper	90.6		2.1	0.39	mg/Kg	☼	10/01/25 08:03	10/01/25 20:00	1
Iron	20700		63.5	8.1	mg/Kg	☼	10/01/25 08:03	10/01/25 20:00	1
Lead	285		0.64	0.21	mg/Kg	☼	10/01/25 08:03	10/01/25 20:00	1
Magnesium	2600		106	10.8	mg/Kg	☼	10/01/25 08:03	10/01/25 20:00	1
Manganese	187		4.2	0.43	mg/Kg	☼	10/01/25 08:03	10/01/25 20:00	1
Nickel	35.2		2.1	0.19	mg/Kg	☼	10/01/25 08:03	10/01/25 20:00	1
Potassium	1110		106	17.2	mg/Kg	☼	10/01/25 08:03	10/01/25 20:00	1
Selenium	0.40	J	1.3	0.14	mg/Kg	☼	10/01/25 08:03	10/01/25 20:00	1
Silver	0.42		0.42	0.094	mg/Kg	☼	10/01/25 08:03	10/01/25 20:00	1
Sodium	162		106	48.4	mg/Kg	☼	10/01/25 08:03	10/01/25 20:00	1
Thallium	0.11	J	0.42	0.043	mg/Kg	☼	10/01/25 08:03	10/01/25 20:00	1
Vanadium	27.6		2.1	0.22	mg/Kg	☼	10/01/25 08:03	10/01/25 20:00	1
Zinc	339		8.5	1.2	mg/Kg	☼	10/01/25 08:03	10/01/25 20:00	1

Method: SW846 7471B - Mercury (CVAA)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	0.039		0.018	0.0084	mg/Kg	☼	10/01/25 02:19	10/01/25 19:05	1

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Percent Moisture (EPA Moisture)	11.7		1.0	1.0	%			09/30/25 17:39	1
Percent Solids (EPA Moisture)	88.3		1.0	1.0	%			09/30/25 17:39	1

Client: Haley & Aldrich, Inc.
Project/Site: Former Port Mobil

Job ID: 460-335747-1

Client Sample ID: 54A_0-4
Date Collected: 09/25/25 08:40
Date Received: 09/25/25 16:10

Lab Sample ID: 460-335747-9
Matrix: Solid
Percent Solids: 84.0

Method: SW846 8270E - Semivolatile Organic Compounds (GC/MS)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1'-Biphenyl	0.39	U	0.39	0.014	mg/Kg	☼	09/27/25 15:54	09/28/25 14:44	1
1,2,4,5-Tetrachlorobenzene	0.39	U	0.39	0.012	mg/Kg	☼	09/27/25 15:54	09/28/25 14:44	1
1,4-Dioxane	0.039	U	0.039	0.034	mg/Kg	☼	09/27/25 15:54	09/28/25 14:44	1
2,2'-oxybis[1-chloropropane]	0.39	U	0.39	0.023	mg/Kg	☼	09/27/25 15:54	09/28/25 14:44	1
2,3,4,6-Tetrachlorophenol	0.39	U	0.39	0.026	mg/Kg	☼	09/27/25 15:54	09/28/25 14:44	1
2,4,5-Trichlorophenol	0.39	U	0.39	0.040	mg/Kg	☼	09/27/25 15:54	09/28/25 14:44	1
2,4,6-Trichlorophenol	0.16	U	0.16	0.050	mg/Kg	☼	09/27/25 15:54	09/28/25 14:44	1
2,4-Dichlorophenol	0.16	U	0.16	0.025	mg/Kg	☼	09/27/25 15:54	09/28/25 14:44	1
2,4-Dimethylphenol	0.39	U	0.39	0.047	mg/Kg	☼	09/27/25 15:54	09/28/25 14:44	1
2,4-Dinitrophenol	0.31	U	0.31	0.19	mg/Kg	☼	09/27/25 15:54	09/28/25 14:44	1
2,4-Dinitrotoluene	0.079	U	0.079	0.042	mg/Kg	☼	09/27/25 15:54	09/28/25 14:44	1
2,6-Dinitrotoluene	0.079	U	0.079	0.028	mg/Kg	☼	09/27/25 15:54	09/28/25 14:44	1
2-Chloronaphthalene	0.39	U	0.39	0.050	mg/Kg	☼	09/27/25 15:54	09/28/25 14:44	1
2-Chlorophenol	0.39	U	0.39	0.014	mg/Kg	☼	09/27/25 15:54	09/28/25 14:44	1
2-Methylnaphthalene	0.39	U	0.39	0.011	mg/Kg	☼	09/27/25 15:54	09/28/25 14:44	1
2-Methylphenol	0.39	U	0.39	0.015	mg/Kg	☼	09/27/25 15:54	09/28/25 14:44	1
2-Nitroaniline	0.39	U	0.39	0.030	mg/Kg	☼	09/27/25 15:54	09/28/25 14:44	1
2-Nitrophenol	0.39	U	0.39	0.039	mg/Kg	☼	09/27/25 15:54	09/28/25 14:44	1
3 & 4 Methylphenol	0.39	U	0.39	0.024	mg/Kg	☼	09/27/25 15:54	09/28/25 14:44	1
3,3'-Dichlorobenzidine	0.16	U	0.16	0.059	mg/Kg	☼	09/27/25 15:54	09/28/25 14:44	1
3-Nitroaniline	0.39	U	0.39	0.093	mg/Kg	☼	09/27/25 15:54	09/28/25 14:44	1
4,6-Dinitro-2-methylphenol	0.31	U	0.31	0.16	mg/Kg	☼	09/27/25 15:54	09/28/25 14:44	1
4-Bromophenyl phenyl ether	0.39	U	0.39	0.015	mg/Kg	☼	09/27/25 15:54	09/28/25 14:44	1
4-Chloro-3-methylphenol	0.39	U	0.39	0.022	mg/Kg	☼	09/27/25 15:54	09/28/25 14:44	1
4-Chloroaniline	0.39	U	0.39	0.069	mg/Kg	☼	09/27/25 15:54	09/28/25 14:44	1
4-Chlorophenyl phenyl ether	0.39	U	0.39	0.014	mg/Kg	☼	09/27/25 15:54	09/28/25 14:44	1
4-Methylphenol	0.39	U	0.39	0.024	mg/Kg	☼	09/27/25 15:54	09/28/25 14:44	1
4-Nitroaniline	0.39	U	0.39	0.099	mg/Kg	☼	09/27/25 15:54	09/28/25 14:44	1
4-Nitrophenol	0.79	U	0.79	0.064	mg/Kg	☼	09/27/25 15:54	09/28/25 14:44	1
Acenaphthene	0.39	U	0.39	0.011	mg/Kg	☼	09/27/25 15:54	09/28/25 14:44	1
Acenaphthylene	0.39	U	0.39	0.011	mg/Kg	☼	09/27/25 15:54	09/28/25 14:44	1
Acetophenone	0.39	U	0.39	0.019	mg/Kg	☼	09/27/25 15:54	09/28/25 14:44	1
Anthracene	0.39	U	0.39	0.012	mg/Kg	☼	09/27/25 15:54	09/28/25 14:44	1
Atrazine	0.16	U *	0.16	0.023	mg/Kg	☼	09/27/25 15:54	09/28/25 14:44	1
Benzaldehyde	0.39	U	0.39	0.065	mg/Kg	☼	09/27/25 15:54	09/28/25 14:44	1
Benzo[a]anthracene	0.039	U	0.039	0.029	mg/Kg	☼	09/27/25 15:54	09/28/25 14:44	1
Benzo[a]pyrene	0.039	U	0.039	0.010	mg/Kg	☼	09/27/25 15:54	09/28/25 14:44	1
Benzo[b]fluoranthene	0.039	U	0.039	0.010	mg/Kg	☼	09/27/25 15:54	09/28/25 14:44	1
Benzo[g,h,i]perylene	0.39	U	0.39	0.012	mg/Kg	☼	09/27/25 15:54	09/28/25 14:44	1
Benzo[k]fluoranthene	0.039	U	0.039	0.0077	mg/Kg	☼	09/27/25 15:54	09/28/25 14:44	1
Bis(2-chloroethoxy)methane	0.39	U	0.39	0.072	mg/Kg	☼	09/27/25 15:54	09/28/25 14:44	1
Bis(2-chloroethyl)ether	0.039	U	0.039	0.014	mg/Kg	☼	09/27/25 15:54	09/28/25 14:44	1
Bis(2-ethylhexyl) phthalate	0.39	U	0.39	0.021	mg/Kg	☼	09/27/25 15:54	09/28/25 14:44	1
Butyl benzyl phthalate	0.39	U	0.39	0.018	mg/Kg	☼	09/27/25 15:54	09/28/25 14:44	1
Caprolactam	0.39	U *	0.39	0.061	mg/Kg	☼	09/27/25 15:54	09/28/25 14:44	1
Carbazole	0.39	U	0.39	0.015	mg/Kg	☼	09/27/25 15:54	09/28/25 14:44	1
Chrysene	0.39	U	0.39	0.016	mg/Kg	☼	09/27/25 15:54	09/28/25 14:44	1
Dibenz(a,h)anthracene	0.039	U	0.039	0.017	mg/Kg	☼	09/27/25 15:54	09/28/25 14:44	1
Dibenzofuran	0.39	U	0.39	0.013	mg/Kg	☼	09/27/25 15:54	09/28/25 14:44	1

Client Sample ID: 54A_0-4
Date Collected: 09/25/25 08:40
Date Received: 09/25/25 16:10

Lab Sample ID: 460-335747-9
Matrix: Solid
Percent Solids: 84.0

Method: SW846 8270E - Semivolatile Organic Compounds (GC/MS) (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Diethyl phthalate	0.39	U	0.39	0.013	mg/Kg	☼	09/27/25 15:54	09/28/25 14:44	1
Dimethyl phthalate	0.39	U	0.39	0.089	mg/Kg	☼	09/27/25 15:54	09/28/25 14:44	1
Di-n-butyl phthalate	0.39	U	0.39	0.015	mg/Kg	☼	09/27/25 15:54	09/28/25 14:44	1
Di-n-octyl phthalate	0.39	U	0.39	0.021	mg/Kg	☼	09/27/25 15:54	09/28/25 14:44	1
Fluoranthene	0.39	U	0.39	0.014	mg/Kg	☼	09/27/25 15:54	09/28/25 14:44	1
Fluorene	0.39	U	0.39	0.011	mg/Kg	☼	09/27/25 15:54	09/28/25 14:44	1
Hexachlorobenzene	0.039	U	0.039	0.019	mg/Kg	☼	09/27/25 15:54	09/28/25 14:44	1
Hexachlorobutadiene	0.079	U	0.079	0.0083	mg/Kg	☼	09/27/25 15:54	09/28/25 14:44	1
Hexachlorocyclopentadiene	0.39	U	0.39	0.034	mg/Kg	☼	09/27/25 15:54	09/28/25 14:44	1
Hexachloroethane	0.039	U	0.039	0.013	mg/Kg	☼	09/27/25 15:54	09/28/25 14:44	1
Indeno[1,2,3-cd]pyrene	0.039	U	0.039	0.015	mg/Kg	☼	09/27/25 15:54	09/28/25 14:44	1
Isophorone	0.16	U	0.16	0.11	mg/Kg	☼	09/27/25 15:54	09/28/25 14:44	1
Naphthalene	0.39	U	0.39	0.0068	mg/Kg	☼	09/27/25 15:54	09/28/25 14:44	1
Nitrobenzene	0.039	U	0.039	0.022	mg/Kg	☼	09/27/25 15:54	09/28/25 14:44	1
N-Nitrosodi-n-propylamine	0.039	U	0.039	0.028	mg/Kg	☼	09/27/25 15:54	09/28/25 14:44	1
N-Nitrosodiphenylamine	0.39	U	0.39	0.032	mg/Kg	☼	09/27/25 15:54	09/28/25 14:44	1
Pentachlorophenol	0.31	U	0.31	0.080	mg/Kg	☼	09/27/25 15:54	09/28/25 14:44	1
Phenanthrene	0.39	U	0.39	0.016	mg/Kg	☼	09/27/25 15:54	09/28/25 14:44	1
Phenol	0.39	U	0.39	0.014	mg/Kg	☼	09/27/25 15:54	09/28/25 14:44	1
Pyrene	0.39	U	0.39	0.0097	mg/Kg	☼	09/27/25 15:54	09/28/25 14:44	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
2,4,6-Tribromophenol (Surr)	*67*		*18 - 137*	*09/27/25 15:54*	*09/28/25 14:44*	*1*
2-Fluorobiphenyl	*65*		*33 - 117*	*09/27/25 15:54*	*09/28/25 14:44*	*1*
2-Fluorophenol (Surr)	*67*		*24 - 120*	*09/27/25 15:54*	*09/28/25 14:44*	*1*
Nitrobenzene-d5 (Surr)	*67*		*27 - 120*	*09/27/25 15:54*	*09/28/25 14:44*	*1*
Phenol-d5 (Surr)	*64*		*28 - 118*	*09/27/25 15:54*	*09/28/25 14:44*	*1*
Terphenyl-d14 (Surr)	*83*		*33 - 124*	*09/27/25 15:54*	*09/28/25 14:44*	*1*

Method: SW846 8081B - Organochlorine Pesticides (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
4,4'-DDD	0.0080	U	0.0080	0.0014	mg/Kg	☼	09/27/25 19:28	09/28/25 11:20	1
4,4'-DDE	0.0080	U	0.0080	0.00094	mg/Kg	☼	09/27/25 19:28	09/28/25 11:20	1
4,4'-DDT	0.0080	U	0.0080	0.0015	mg/Kg	☼	09/27/25 19:28	09/28/25 11:20	1
Aldrin	0.0080	U	0.0080	0.0012	mg/Kg	☼	09/27/25 19:28	09/28/25 11:20	1
alpha-BHC	0.0024	U	0.0024	0.00081	mg/Kg	☼	09/27/25 19:28	09/28/25 11:20	1
beta-BHC	0.0024	U	0.0024	0.00089	mg/Kg	☼	09/27/25 19:28	09/28/25 11:20	1
Chlordane (technical)	0.080	U	0.080	0.019	mg/Kg	☼	09/27/25 19:28	09/28/25 11:20	1
cis-Chlordane	0.0080	U	0.0080	0.0013	mg/Kg	☼	09/27/25 19:28	09/28/25 11:20	1
delta-BHC	0.0024	U	0.0024	0.00049	mg/Kg	☼	09/27/25 19:28	09/28/25 11:20	1
Dieldrin	0.0024	U	0.0024	0.0010	mg/Kg	☼	09/27/25 19:28	09/28/25 11:20	1
Endosulfan I	0.0080	U	0.0080	0.0012	mg/Kg	☼	09/27/25 19:28	09/28/25 11:20	1
Endosulfan II	0.0080	U	0.0080	0.0020	mg/Kg	☼	09/27/25 19:28	09/28/25 11:20	1
Endosulfan sulfate	0.0080	U	0.0080	0.0010	mg/Kg	☼	09/27/25 19:28	09/28/25 11:20	1
Endrin	0.0080	U	0.0080	0.0011	mg/Kg	☼	09/27/25 19:28	09/28/25 11:20	1
Endrin aldehyde	0.0080	U	0.0080	0.0019	mg/Kg	☼	09/27/25 19:28	09/28/25 11:20	1
Endrin ketone	0.0080	U	0.0080	0.0015	mg/Kg	☼	09/27/25 19:28	09/28/25 11:20	1
gamma-BHC (Lindane)	0.0024	U	0.0024	0.00074	mg/Kg	☼	09/27/25 19:28	09/28/25 11:20	1
Heptachlor	0.0080	U	0.0080	0.00094	mg/Kg	☼	09/27/25 19:28	09/28/25 11:20	1
Heptachlor epoxide	0.0080	U	0.0080	0.0012	mg/Kg	☼	09/27/25 19:28	09/28/25 11:20	1

Client Sample ID: 54A_0-4
Date Collected: 09/25/25 08:40
Date Received: 09/25/25 16:10

Lab Sample ID: 460-335747-9
Matrix: Solid
Percent Solids: 84.0

Method: SW846 8081B - Organochlorine Pesticides (GC) (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Methoxychlor	0.0080	U	0.0080	0.0018	mg/Kg	☼	09/27/25 19:28	09/28/25 11:20	1
Toxaphene	0.080	U	0.080	0.029	mg/Kg	☼	09/27/25 19:28	09/28/25 11:20	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
DCB Decachlorobiphenyl	*86*		*10 - 150*	*09/27/25 19:28*	*09/28/25 11:20*	*1*
DCB Decachlorobiphenyl	*105*		*10 - 150*	*09/27/25 19:28*	*09/28/25 11:20*	*1*
Tetrachloro-m-xylene	*77*		*14 - 150*	*09/27/25 19:28*	*09/28/25 11:20*	*1*
Tetrachloro-m-xylene	*77*		*14 - 150*	*09/27/25 19:28*	*09/28/25 11:20*	*1*

Method: SW846 8082A - Polychlorinated Biphenyls (PCBs) by Gas Chromatography

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Aroclor 1016	0.080	U	0.080	0.021	mg/Kg	☼	09/27/25 19:23	09/28/25 15:11	1
Aroclor 1221	0.080	U	0.080	0.021	mg/Kg	☼	09/27/25 19:23	09/28/25 15:11	1
Aroclor 1232	0.080	U	0.080	0.021	mg/Kg	☼	09/27/25 19:23	09/28/25 15:11	1
Aroclor 1242	0.080	U	0.080	0.021	mg/Kg	☼	09/27/25 19:23	09/28/25 15:11	1
Aroclor 1248	0.080	U	0.080	0.021	mg/Kg	☼	09/27/25 19:23	09/28/25 15:11	1
Aroclor 1254	0.080	U	0.080	0.021	mg/Kg	☼	09/27/25 19:23	09/28/25 15:11	1
Aroclor 1260	0.080	U	0.080	0.021	mg/Kg	☼	09/27/25 19:23	09/28/25 15:11	1
Aroclor-1262	0.080	U	0.080	0.021	mg/Kg	☼	09/27/25 19:23	09/28/25 15:11	1
Aroclor 1268	0.080	U	0.080	0.021	mg/Kg	☼	09/27/25 19:23	09/28/25 15:11	1
Polychlorinated biphenyls, Total	0.080	U	0.080	0.021	mg/Kg	☼	09/27/25 19:23	09/28/25 15:11	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
DCB Decachlorobiphenyl	*109*		*10 - 150*	*09/27/25 19:23*	*09/28/25 15:11*	*1*
DCB Decachlorobiphenyl	*117*		*10 - 150*	*09/27/25 19:23*	*09/28/25 15:11*	*1*
Tetrachloro-m-xylene	*93*		*10 - 150*	*09/27/25 19:23*	*09/28/25 15:11*	*1*
Tetrachloro-m-xylene	*100*		*10 - 150*	*09/27/25 19:23*	*09/28/25 15:11*	*1*

Method: EPA 1633A - Per- and Polyfluoroalkyl Substances by LC/MS/MS, 1633A

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Perfluorobutanoic acid (PFBA)	0.40	U	0.40	0.10	ug/Kg	☼	10/01/25 06:38	10/02/25 04:28	1
Perfluoropentanoic acid (PFPeA)	0.20	U	0.20	0.10	ug/Kg	☼	10/01/25 06:38	10/02/25 04:28	1
Perfluorohexanoic acid (PFHxA)	0.20	U	0.20	0.10	ug/Kg	☼	10/01/25 06:38	10/02/25 04:28	1
Perfluoroheptanoic acid (PFHpA)	**0.13**	**J**	0.20	0.10	ug/Kg	☼	10/01/25 06:38	10/02/25 04:28	1
Perfluorooctanoic acid (PFOA)	**0.24**		0.20	0.060	ug/Kg	☼	10/01/25 06:38	10/02/25 04:28	1
Perfluorononanoic acid (PFNA)	**1.63**		0.20	0.10	ug/Kg	☼	10/01/25 06:38	10/02/25 04:28	1
Perfluorodecanoic acid (PFDA)	**10.7**		0.20	0.060	ug/Kg	☼	10/01/25 06:38	10/02/25 04:28	1
Perfluoroundecanoic acid (PFUnA)	**3.71**		0.20	0.10	ug/Kg	☼	10/01/25 06:38	10/02/25 04:28	1
Perfluorododecanoic acid (PFDoA)	**0.50**		0.20	0.10	ug/Kg	☼	10/01/25 06:38	10/02/25 04:28	1
Perfluorotridecanoic acid (PFTrDA)	**2.99**		0.20	0.10	ug/Kg	☼	10/01/25 06:38	10/02/25 04:28	1
Perfluorotetradecanoic acid (PFTeDA)	**0.11**	**J**	0.20	0.10	ug/Kg	☼	10/01/25 06:38	10/02/25 04:28	1
Perfluorobutanesulfonic acid (PFBS)	0.20	U	0.20	0.10	ug/Kg	☼	10/01/25 06:38	10/02/25 04:28	1
Perfluoropentanesulfonic acid (PFPeS)	0.20	U	0.20	0.10	ug/Kg	☼	10/01/25 06:38	10/02/25 04:28	1
Perfluorohexanesulfonic acid (PFHxS)	0.20	U	0.20	0.10	ug/Kg	☼	10/01/25 06:38	10/02/25 04:28	1
Perfluoroheptanesulfonic acid (PFHpS)	0.20	U	0.20	0.10	ug/Kg	☼	10/01/25 06:38	10/02/25 04:28	1

Client Sample ID: 54A_0-4
Date Collected: 09/25/25 08:40
Date Received: 09/25/25 16:10

Lab Sample ID: 460-335747-9
Matrix: Solid
Percent Solids: 84.0

Method: EPA 1633A - Per- and Polyfluoroalkyl Substances by LC/MS/MS, 1633A (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Perfluorooctanesulfonic acid (PFOS)	**0.11**	**J**	0.20	0.10	ug/Kg	☼	10/01/25 06:38	10/02/25 04:28	1
Perfluorononanesulfonic acid (PFNS)	0.20	U	0.20	0.10	ug/Kg	☼	10/01/25 06:38	10/02/25 04:28	1
Perfluorodecanesulfonic acid (PFDS)	0.20	U	0.20	0.10	ug/Kg	☼	10/01/25 06:38	10/02/25 04:28	1
Perfluorododecanesulfonic acid (PFDoS)	0.20	U	0.20	0.10	ug/Kg	☼	10/01/25 06:38	10/02/25 04:28	1
1H,1H,2H,2H-Perfluorohexane sulfonic acid (4:2 FTS)	0.40	U	0.40	0.20	ug/Kg	☼	10/01/25 06:38	10/02/25 04:28	1
1H,1H,2H,2H-Perfluorooctane sulfonic acid (6:2 FTS)	0.40	U	0.40	0.20	ug/Kg	☼	10/01/25 06:38	10/02/25 04:28	1
1H,1H,2H,2H-Perfluorodecane sulfonic acid (8:2 FTS)	**0.84**		0.40	0.20	ug/Kg	☼	10/01/25 06:38	10/02/25 04:28	1
Perfluorooctanesulfonamide (PFOSA)	0.20	U	0.20	0.10	ug/Kg	☼	10/01/25 06:38	10/02/25 04:28	1
N-methylperfluorooctane sulfonamide (NMeFOSA)	0.20	U	0.20	0.10	ug/Kg	☼	10/01/25 06:38	10/02/25 04:28	1
N-ethylperfluorooctane sulfonamide (NEtFOSA)	0.20	U	0.20	0.10	ug/Kg	☼	10/01/25 06:38	10/02/25 04:28	1
N-methylperfluorooctanesulfonamidoacetic acid (NMeFOSAA)	0.20	U	0.20	0.10	ug/Kg	☼	10/01/25 06:38	10/02/25 04:28	1
N-ethylperfluorooctanesulfonamidoacetic acid (NEtFOSAA)	0.20	U	0.20	0.10	ug/Kg	☼	10/01/25 06:38	10/02/25 04:28	1
N-methylperfluorooctane sulfonamidoethanol (NMeFOSE)	1.0	U	1.0	0.50	ug/Kg	☼	10/01/25 06:38	10/02/25 04:28	1
N-ethylperfluorooctane sulfonamidoethanol (NEtFOSE)	1.0	U	1.0	0.50	ug/Kg	☼	10/01/25 06:38	10/02/25 04:28	1
Hexafluoropropylene Oxide Dimer Acid (HFPO-DA)	0.20	U	0.20	0.10	ug/Kg	☼	10/01/25 06:38	10/02/25 04:28	1
4,8-Dioxa-3H-perfluorononanoic acid (ADONA)	0.20	U	0.20	0.10	ug/Kg	☼	10/01/25 06:38	10/02/25 04:28	1
Perfluoro-3-methoxypropanoic acid (PFMPA)	0.20	U	0.20	0.10	ug/Kg	☼	10/01/25 06:38	10/02/25 04:28	1
Perfluoro-4-methoxybutanoic acid (PFMBA)	0.20	U	0.20	0.10	ug/Kg	☼	10/01/25 06:38	10/02/25 04:28	1
Nonafluoro-3,6-dioxaheptanoic acid (NFDHA)	0.20	U	0.20	0.10	ug/Kg	☼	10/01/25 06:38	10/02/25 04:28	1
9-Chlorohexadecafluoro-3-oxanonane-1-sulfonic acid (9Cl-PF3ONS)	0.20	U	0.20	0.10	ug/Kg	☼	10/01/25 06:38	10/02/25 04:28	1
11-Chloroeicosafluoro-3-oxaundecane-1-sulfonic acid (11Cl-PF3OUdS)	0.20	U	0.20	0.10	ug/Kg	☼	10/01/25 06:38	10/02/25 04:28	1
Perfluoro (2-ethoxyethane) sulfonic acid (PFEESA)	0.20	U	0.20	0.10	ug/Kg	☼	10/01/25 06:38	10/02/25 04:28	1
3-Perfluoropropylpropanoic acid (3:3 FTCA)	0.40	U	0.40	0.20	ug/Kg	☼	10/01/25 06:38	10/02/25 04:28	1
3-Perfluoropentylpropanoic acid (5:3 FTCA)	1.0	U	1.0	0.50	ug/Kg	☼	10/01/25 06:38	10/02/25 04:28	1
3-Perfluoroheptylpropanoic acid (7:3 FTCA)	**0.52**	**J**	1.0	0.50	ug/Kg	☼	10/01/25 06:38	10/02/25 04:28	1

Isotope Dilution	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
13C4 PFBA	*96.2*		*8 - 130*	*10/01/25 06:38*	*10/02/25 04:28*	*1*
13C5 PFPeA	*88.5*		*35 - 130*	*10/01/25 06:38*	*10/02/25 04:28*	*1*
13C5 PFHxA	*88.8*		*40 - 130*	*10/01/25 06:38*	*10/02/25 04:28*	*1*
13C4 PFHpA	*91.9*		*40 - 130*	*10/01/25 06:38*	*10/02/25 04:28*	*1*
13C8 PFOA	*91.8*		*40 - 130*	*10/01/25 06:38*	*10/02/25 04:28*	*1*
13C9 PFNA	*89.5*		*40 - 130*	*10/01/25 06:38*	*10/02/25 04:28*	*1*
13C6 PFDA	*90.4*		*40 - 130*	*10/01/25 06:38*	*10/02/25 04:28*	*1*

Client Sample ID: 54A_0-4

Date Collected: 09/25/25 08:40
Date Received: 09/25/25 16:10

Lab Sample ID: 460-335747-9

Matrix: Solid
Percent Solids: 84.0

Method: EPA 1633A - Per- and Polyfluoroalkyl Substances by LC/MS/MS, 1633A (Continued)

Isotope Dilution	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
13C7 PFUnA	81.2		40 - 130	10/01/25 06:38	10/02/25 04:28	1
13C2 PFTeDA	57.6		20 - 130	10/01/25 06:38	10/02/25 04:28	1
13C3 PFBS	85.8		40 - 135	10/01/25 06:38	10/02/25 04:28	1
13C3 PFHxS	90.0		40 - 130	10/01/25 06:38	10/02/25 04:28	1
13C8 PFOS	85.5		40 - 130	10/01/25 06:38	10/02/25 04:28	1
13C8 FOSA	91.2		40 - 130	10/01/25 06:38	10/02/25 04:28	1
d3-NMeFOSAA	82.9		40 - 135	10/01/25 06:38	10/02/25 04:28	1
d5-NEtFOSAA	79.2		40 - 150	10/01/25 06:38	10/02/25 04:28	1
13C2 4:2 FTS	83.9		40 - 165	10/01/25 06:38	10/02/25 04:28	1
13C2 6:2 FTS	90.9		40 - 215	10/01/25 06:38	10/02/25 04:28	1
13C2 8:2 FTS	92.4		40 - 275	10/01/25 06:38	10/02/25 04:28	1
13C3 HFPO-DA	85.1		40 - 130	10/01/25 06:38	10/02/25 04:28	1
d7-N-MeFOSE-M	34.3		20 - 130	10/01/25 06:38	10/02/25 04:28	1
d9-N-EtFOSE-M	26.8		15 - 130	10/01/25 06:38	10/02/25 04:28	1
d5-NEtPFOSA	68.0		10 - 130	10/01/25 06:38	10/02/25 04:28	1
d3-NMePFOSA	81.2		10 - 130	10/01/25 06:38	10/02/25 04:28	1
13C2 PFDoA	78.1		40 - 130	10/01/25 06:38	10/02/25 04:28	1

Method: SW846 6020B - Metals (ICP/MS)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Aluminum	5330		22.3	6.1	mg/Kg	☼	10/01/25 08:03	10/01/25 20:02	1
Antimony	0.26	J	1.1	0.16	mg/Kg	☼	10/01/25 08:03	10/01/25 20:02	1
Arsenic	5.3		1.1	0.11	mg/Kg	☼	10/01/25 08:03	10/01/25 20:02	1
Barium	32.8		2.2	0.16	mg/Kg	☼	10/01/25 08:03	10/01/25 20:02	1
Beryllium	0.39	J	0.45	0.024	mg/Kg	☼	10/01/25 08:03	10/01/25 20:02	1
Cadmium	1.1	U	1.1	0.13	mg/Kg	☼	10/01/25 08:03	10/01/25 20:02	1
Calcium	604		111	10.8	mg/Kg	☼	10/01/25 08:03	10/01/25 20:02	1
Chromium	11.3		2.2	0.33	mg/Kg	☼	10/01/25 08:03	10/01/25 20:02	1
Cobalt	4.6		1.1	0.16	mg/Kg	☼	10/01/25 08:03	10/01/25 20:02	1
Copper	23.0		2.2	0.41	mg/Kg	☼	10/01/25 08:03	10/01/25 20:02	1
Iron	15000		66.8	8.5	mg/Kg	☼	10/01/25 08:03	10/01/25 20:02	1
Lead	24.5		0.67	0.22	mg/Kg	☼	10/01/25 08:03	10/01/25 20:02	1
Magnesium	1400		111	11.3	mg/Kg	☼	10/01/25 08:03	10/01/25 20:02	1
Manganese	164		4.5	0.45	mg/Kg	☼	10/01/25 08:03	10/01/25 20:02	1
Nickel	13.7		2.2	0.20	mg/Kg	☼	10/01/25 08:03	10/01/25 20:02	1
Potassium	703		111	18.0	mg/Kg	☼	10/01/25 08:03	10/01/25 20:02	1
Selenium	0.29	J	1.4	0.14	mg/Kg	☼	10/01/25 08:03	10/01/25 20:02	1
Silver	0.45	U	0.45	0.099	mg/Kg	☼	10/01/25 08:03	10/01/25 20:02	1
Sodium	52.2	J	111	50.8	mg/Kg	☼	10/01/25 08:03	10/01/25 20:02	1
Thallium	0.050	J	0.45	0.046	mg/Kg	☼	10/01/25 08:03	10/01/25 20:02	1
Vanadium	17.9		2.2	0.23	mg/Kg	☼	10/01/25 08:03	10/01/25 20:02	1
Zinc	33.8		8.9	1.2	mg/Kg	☼	10/01/25 08:03	10/01/25 20:02	1

Method: SW846 7471B - Mercury (CVAA)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	0.024		0.018	0.0084	mg/Kg	☼	10/01/25 02:19	10/01/25 19:08	1

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Percent Moisture (EPA Moisture)	16.0		1.0	1.0	%			09/30/25 17:39	1

Client Sample ID: 54A_0-4

Lab Sample ID: 460-335747-9
Date Collected: 09/25/25 08:40
Matrix: Solid
Date Received: 09/25/25 16:10
Percent Solids: 84.0

General Chemistry (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Percent Solids (EPA Moisture)	84.0		1.0	1.0	%			09/30/25 17:39	1

Client Sample ID: 54A_4-8

Lab Sample ID: 460-335747-10
Date Collected: 09/25/25 08:45
Matrix: Solid
Date Received: 09/25/25 16:10
Percent Solids: 85.3

Method: SW846 8270E - Semivolatile Organic Compounds (GC/MS)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1'-Biphenyl	0.39	U	0.39	0.013	mg/Kg	☼	09/27/25 15:54	09/28/25 15:01	1
1,2,4,5-Tetrachlorobenzene	0.39	U	0.39	0.012	mg/Kg	☼	09/27/25 15:54	09/28/25 15:01	1
1,4-Dioxane	0.039	U	0.039	0.034	mg/Kg	☼	09/27/25 15:54	09/28/25 15:01	1
2,2'-oxybis[1-chloropropane]	0.39	U	0.39	0.023	mg/Kg	☼	09/27/25 15:54	09/28/25 15:01	1
2,3,4,6-Tetrachlorophenol	0.39	U	0.39	0.026	mg/Kg	☼	09/27/25 15:54	09/28/25 15:01	1
2,4,5-Trichlorophenol	0.39	U	0.39	0.039	mg/Kg	☼	09/27/25 15:54	09/28/25 15:01	1
2,4,6-Trichlorophenol	0.16	U	0.16	0.050	mg/Kg	☼	09/27/25 15:54	09/28/25 15:01	1
2,4-Dichlorophenol	0.16	U	0.16	0.025	mg/Kg	☼	09/27/25 15:54	09/28/25 15:01	1
2,4-Dimethylphenol	0.39	U	0.39	0.046	mg/Kg	☼	09/27/25 15:54	09/28/25 15:01	1
2,4-Dinitrophenol	0.31	U	0.31	0.19	mg/Kg	☼	09/27/25 15:54	09/28/25 15:01	1
2,4-Dinitrotoluene	0.079	U	0.079	0.042	mg/Kg	☼	09/27/25 15:54	09/28/25 15:01	1
2,6-Dinitrotoluene	0.079	U	0.079	0.028	mg/Kg	☼	09/27/25 15:54	09/28/25 15:01	1
2-Chloronaphthalene	0.39	U	0.39	0.050	mg/Kg	☼	09/27/25 15:54	09/28/25 15:01	1
2-Chlorophenol	0.39	U	0.39	0.014	mg/Kg	☼	09/27/25 15:54	09/28/25 15:01	1
2-Methylnaphthalene	0.39	U	0.39	0.011	mg/Kg	☼	09/27/25 15:54	09/28/25 15:01	1
2-Methylphenol	0.39	U	0.39	0.014	mg/Kg	☼	09/27/25 15:54	09/28/25 15:01	1
2-Nitroaniline	0.39	U	0.39	0.030	mg/Kg	☼	09/27/25 15:54	09/28/25 15:01	1
2-Nitrophenol	0.39	U	0.39	0.039	mg/Kg	☼	09/27/25 15:54	09/28/25 15:01	1
3 & 4 Methylphenol	0.39	U	0.39	0.024	mg/Kg	☼	09/27/25 15:54	09/28/25 15:01	1
3,3'-Dichlorobenzidine	0.16	U	0.16	0.059	mg/Kg	☼	09/27/25 15:54	09/28/25 15:01	1
3-Nitroaniline	0.39	U	0.39	0.092	mg/Kg	☼	09/27/25 15:54	09/28/25 15:01	1
4,6-Dinitro-2-methylphenol	0.31	U	0.31	0.16	mg/Kg	☼	09/27/25 15:54	09/28/25 15:01	1
4-Bromophenyl phenyl ether	0.39	U	0.39	0.015	mg/Kg	☼	09/27/25 15:54	09/28/25 15:01	1
4-Chloro-3-methylphenol	0.39	U	0.39	0.022	mg/Kg	☼	09/27/25 15:54	09/28/25 15:01	1
4-Chloroaniline	0.39	U	0.39	0.069	mg/Kg	☼	09/27/25 15:54	09/28/25 15:01	1
4-Chlorophenyl phenyl ether	0.39	U	0.39	0.014	mg/Kg	☼	09/27/25 15:54	09/28/25 15:01	1
4-Methylphenol	0.39	U	0.39	0.024	mg/Kg	☼	09/27/25 15:54	09/28/25 15:01	1
4-Nitroaniline	0.39	U	0.39	0.098	mg/Kg	☼	09/27/25 15:54	09/28/25 15:01	1
4-Nitrophenol	0.79	U	0.79	0.063	mg/Kg	☼	09/27/25 15:54	09/28/25 15:01	1
Acenaphthene	0.39	U	0.39	0.011	mg/Kg	☼	09/27/25 15:54	09/28/25 15:01	1
Acenaphthylene	0.39	U	0.39	0.011	mg/Kg	☼	09/27/25 15:54	09/28/25 15:01	1
Acetophenone	0.39	U	0.39	0.019	mg/Kg	☼	09/27/25 15:54	09/28/25 15:01	1
Anthracene	0.39	U	0.39	0.012	mg/Kg	☼	09/27/25 15:54	09/28/25 15:01	1
Atrazine	0.16	U *	0.16	0.023	mg/Kg	☼	09/27/25 15:54	09/28/25 15:01	1
Benzaldehyde	0.39	U	0.39	0.064	mg/Kg	☼	09/27/25 15:54	09/28/25 15:01	1
Benzo[a]anthracene	0.039	U	0.039	0.029	mg/Kg	☼	09/27/25 15:54	09/28/25 15:01	1
Benzo[a]pyrene	0.039	U	0.039	0.010	mg/Kg	☼	09/27/25 15:54	09/28/25 15:01	1
Benzo[b]fluoranthene	0.039	U	0.039	0.010	mg/Kg	☼	09/27/25 15:54	09/28/25 15:01	1
Benzo[g,h,i]perylene	0.39	U	0.39	0.011	mg/Kg	☼	09/27/25 15:54	09/28/25 15:01	1
Benzo[k]fluoranthene	0.039	U	0.039	0.0076	mg/Kg	☼	09/27/25 15:54	09/28/25 15:01	1
Bis(2-chloroethoxy)methane	0.39	U	0.39	0.072	mg/Kg	☼	09/27/25 15:54	09/28/25 15:01	1
Bis(2-chloroethyl)ether	0.039	U	0.039	0.014	mg/Kg	☼	09/27/25 15:54	09/28/25 15:01	1

Client Sample ID: 54A_4-8
Date Collected: 09/25/25 08:45
Date Received: 09/25/25 16:10

Lab Sample ID: 460-335747-10
Matrix: Solid
Percent Solids: 85.3

Method: SW846 8270E - Semivolatile Organic Compounds (GC/MS) (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Bis(2-ethylhexyl) phthalate	0.39	U	0.39	0.021	mg/Kg	☼	09/27/25 15:54	09/28/25 15:01	1
Butyl benzyl phthalate	0.39	U	0.39	0.018	mg/Kg	☼	09/27/25 15:54	09/28/25 15:01	1
Caprolactam	0.39	U *	0.39	0.060	mg/Kg	☼	09/27/25 15:54	09/28/25 15:01	1
Carbazole	0.39	U	0.39	0.015	mg/Kg	☼	09/27/25 15:54	09/28/25 15:01	1
Chrysene	0.39	U	0.39	0.016	mg/Kg	☼	09/27/25 15:54	09/28/25 15:01	1
Dibenz(a,h)anthracene	0.039	U	0.039	0.017	mg/Kg	☼	09/27/25 15:54	09/28/25 15:01	1
Dibenzofuran	0.39	U	0.39	0.013	mg/Kg	☼	09/27/25 15:54	09/28/25 15:01	1
Diethyl phthalate	0.39	U	0.39	0.012	mg/Kg	☼	09/27/25 15:54	09/28/25 15:01	1
Dimethyl phthalate	0.39	U	0.39	0.088	mg/Kg	☼	09/27/25 15:54	09/28/25 15:01	1
Di-n-butyl phthalate	0.39	U	0.39	0.015	mg/Kg	☼	09/27/25 15:54	09/28/25 15:01	1
Di-n-octyl phthalate	0.39	U	0.39	0.021	mg/Kg	☼	09/27/25 15:54	09/28/25 15:01	1
Fluoranthene	0.39	U	0.39	0.014	mg/Kg	☼	09/27/25 15:54	09/28/25 15:01	1
Fluorene	0.39	U	0.39	0.011	mg/Kg	☼	09/27/25 15:54	09/28/25 15:01	1
Hexachlorobenzene	0.039	U	0.039	0.018	mg/Kg	☼	09/27/25 15:54	09/28/25 15:01	1
Hexachlorobutadiene	0.079	U	0.079	0.0083	mg/Kg	☼	09/27/25 15:54	09/28/25 15:01	1
Hexachlorocyclopentadiene	0.39	U	0.39	0.034	mg/Kg	☼	09/27/25 15:54	09/28/25 15:01	1
Hexachloroethane	0.039	U	0.039	0.013	mg/Kg	☼	09/27/25 15:54	09/28/25 15:01	1
Indeno[1,2,3-cd]pyrene	0.039	U	0.039	0.015	mg/Kg	☼	09/27/25 15:54	09/28/25 15:01	1
Isophorone	0.16	U	0.16	0.11	mg/Kg	☼	09/27/25 15:54	09/28/25 15:01	1
Naphthalene	0.39	U	0.39	0.0067	mg/Kg	☼	09/27/25 15:54	09/28/25 15:01	1
Nitrobenzene	0.039	U	0.039	0.022	mg/Kg	☼	09/27/25 15:54	09/28/25 15:01	1
N-Nitrosodi-n-propylamine	0.039	U	0.039	0.028	mg/Kg	☼	09/27/25 15:54	09/28/25 15:01	1
N-Nitrosodiphenylamine	0.39	U	0.39	0.032	mg/Kg	☼	09/27/25 15:54	09/28/25 15:01	1
Pentachlorophenol	0.31	U	0.31	0.079	mg/Kg	☼	09/27/25 15:54	09/28/25 15:01	1
Phenanthrene	0.39	U	0.39	0.016	mg/Kg	☼	09/27/25 15:54	09/28/25 15:01	1
Phenol	0.39	U	0.39	0.014	mg/Kg	☼	09/27/25 15:54	09/28/25 15:01	1
Pyrene	0.39	U	0.39	0.0096	mg/Kg	☼	09/27/25 15:54	09/28/25 15:01	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
2,4,6-Tribromophenol (Surr)	*71*		*18 - 137*	*09/27/25 15:54*	*09/28/25 15:01*	*1*
2-Fluorobiphenyl	*67*		*33 - 117*	*09/27/25 15:54*	*09/28/25 15:01*	*1*
2-Fluorophenol (Surr)	*68*		*24 - 120*	*09/27/25 15:54*	*09/28/25 15:01*	*1*
Nitrobenzene-d5 (Surr)	*68*		*27 - 120*	*09/27/25 15:54*	*09/28/25 15:01*	*1*
Phenol-d5 (Surr)	*64*		*28 - 118*	*09/27/25 15:54*	*09/28/25 15:01*	*1*
Terphenyl-d14 (Surr)	*83*		*33 - 124*	*09/27/25 15:54*	*09/28/25 15:01*	*1*

Method: SW846 8081B - Organochlorine Pesticides (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
4,4'-DDD	0.0079	U	0.0079	0.0013	mg/Kg	☼	09/27/25 19:28	09/28/25 11:33	1
4,4'-DDE	0.0079	U	0.0079	0.00093	mg/Kg	☼	09/27/25 19:28	09/28/25 11:33	1
4,4'-DDT	0.0079	U	0.0079	0.0014	mg/Kg	☼	09/27/25 19:28	09/28/25 11:33	1
Aldrin	0.0079	U	0.0079	0.0012	mg/Kg	☼	09/27/25 19:28	09/28/25 11:33	1
alpha-BHC	0.0023	U	0.0023	0.00080	mg/Kg	☼	09/27/25 19:28	09/28/25 11:33	1
beta-BHC	0.0023	U	0.0023	0.00088	mg/Kg	☼	09/27/25 19:28	09/28/25 11:33	1
Chlordane (technical)	0.079	U	0.079	0.019	mg/Kg	☼	09/27/25 19:28	09/28/25 11:33	1
cis-Chlordane	0.0079	U	0.0079	0.0012	mg/Kg	☼	09/27/25 19:28	09/28/25 11:33	1
delta-BHC	0.0023	U	0.0023	0.00048	mg/Kg	☼	09/27/25 19:28	09/28/25 11:33	1
Dieldrin	0.0023	U	0.0023	0.0010	mg/Kg	☼	09/27/25 19:28	09/28/25 11:33	1
Endosulfan I	0.0079	U	0.0079	0.0012	mg/Kg	☼	09/27/25 19:28	09/28/25 11:33	1
Endosulfan II	0.0079	U	0.0079	0.0020	mg/Kg	☼	09/27/25 19:28	09/28/25 11:33	1

Client Sample ID: 54A_4-8
Date Collected: 09/25/25 08:45
Date Received: 09/25/25 16:10

Lab Sample ID: 460-335747-10
Matrix: Solid
Percent Solids: 85.3

Method: SW846 8081B - Organochlorine Pesticides (GC) (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Endosulfan sulfate	0.0079	U	0.0079	0.00098	mg/Kg	☼	09/27/25 19:28	09/28/25 11:33	1
Endrin	0.0079	U	0.0079	0.0011	mg/Kg	☼	09/27/25 19:28	09/28/25 11:33	1
Endrin aldehyde	0.0079	U	0.0079	0.0019	mg/Kg	☼	09/27/25 19:28	09/28/25 11:33	1
Endrin ketone	0.0079	U	0.0079	0.0015	mg/Kg	☼	09/27/25 19:28	09/28/25 11:33	1
gamma-BHC (Lindane)	0.0023	U	0.0023	0.00073	mg/Kg	☼	09/27/25 19:28	09/28/25 11:33	1
Heptachlor	0.0079	U	0.0079	0.00093	mg/Kg	☼	09/27/25 19:28	09/28/25 11:33	1
Heptachlor epoxide	0.0079	U	0.0079	0.0012	mg/Kg	☼	09/27/25 19:28	09/28/25 11:33	1
Methoxychlor	0.0079	U	0.0079	0.0018	mg/Kg	☼	09/27/25 19:28	09/28/25 11:33	1
Toxaphene	0.079	U	0.079	0.028	mg/Kg	☼	09/27/25 19:28	09/28/25 11:33	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
DCB Decachlorobiphenyl	*84*		*10 - 150*	*09/27/25 19:28*	*09/28/25 11:33*	*1*
DCB Decachlorobiphenyl	*101*		*10 - 150*	*09/27/25 19:28*	*09/28/25 11:33*	*1*
Tetrachloro-m-xylene	*74*		*14 - 150*	*09/27/25 19:28*	*09/28/25 11:33*	*1*
Tetrachloro-m-xylene	*75*		*14 - 150*	*09/27/25 19:28*	*09/28/25 11:33*	*1*

Method: SW846 8082A - Polychlorinated Biphenyls (PCBs) by Gas Chromatography

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Aroclor 1016	0.079	U	0.079	0.021	mg/Kg	☼	09/27/25 19:23	09/28/25 15:27	1
Aroclor 1221	0.079	U	0.079	0.021	mg/Kg	☼	09/27/25 19:23	09/28/25 15:27	1
Aroclor 1232	0.079	U	0.079	0.021	mg/Kg	☼	09/27/25 19:23	09/28/25 15:27	1
Aroclor 1242	0.079	U	0.079	0.021	mg/Kg	☼	09/27/25 19:23	09/28/25 15:27	1
Aroclor 1248	0.079	U	0.079	0.021	mg/Kg	☼	09/27/25 19:23	09/28/25 15:27	1
Aroclor 1254	0.079	U	0.079	0.021	mg/Kg	☼	09/27/25 19:23	09/28/25 15:27	1
Aroclor 1260	0.079	U	0.079	0.021	mg/Kg	☼	09/27/25 19:23	09/28/25 15:27	1
Aroclor-1262	0.079	U	0.079	0.021	mg/Kg	☼	09/27/25 19:23	09/28/25 15:27	1
Aroclor 1268	0.079	U	0.079	0.021	mg/Kg	☼	09/27/25 19:23	09/28/25 15:27	1
Polychlorinated biphenyls, Total	0.079	U	0.079	0.021	mg/Kg	☼	09/27/25 19:23	09/28/25 15:27	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
DCB Decachlorobiphenyl	*110*		*10 - 150*	*09/27/25 19:23*	*09/28/25 15:27*	*1*
DCB Decachlorobiphenyl	*118*		*10 - 150*	*09/27/25 19:23*	*09/28/25 15:27*	*1*
Tetrachloro-m-xylene	*95*		*10 - 150*	*09/27/25 19:23*	*09/28/25 15:27*	*1*
Tetrachloro-m-xylene	*101*		*10 - 150*	*09/27/25 19:23*	*09/28/25 15:27*	*1*

Method: EPA 1633A - Per- and Polyfluoroalkyl Substances by LC/MS/MS, 1633A

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Perfluorobutanoic acid (PFBA)	0.40	U	0.40	0.10	ug/Kg	☼	10/01/25 06:38	10/02/25 04:42	1
Perfluoropentanoic acid (PFPeA)	0.20	U	0.20	0.10	ug/Kg	☼	10/01/25 06:38	10/02/25 04:42	1
Perfluorohexanoic acid (PFHxA)	0.20	U	0.20	0.10	ug/Kg	☼	10/01/25 06:38	10/02/25 04:42	1
Perfluoroheptanoic acid (PFHpA)	**0.12**	**J**	0.20	0.10	ug/Kg	☼	10/01/25 06:38	10/02/25 04:42	1
Perfluorooctanoic acid (PFOA)	**0.19**	**J**	0.20	0.060	ug/Kg	☼	10/01/25 06:38	10/02/25 04:42	1
Perfluorononanoic acid (PFNA)	**0.59**		0.20	0.10	ug/Kg	☼	10/01/25 06:38	10/02/25 04:42	1
Perfluorodecanoic acid (PFDA)	**0.93**		0.20	0.060	ug/Kg	☼	10/01/25 06:38	10/02/25 04:42	1
Perfluoroundecanoic acid (PFUnA)	**5.00**		0.20	0.10	ug/Kg	☼	10/01/25 06:38	10/02/25 04:42	1
Perfluorododecanoic acid (PFDoA)	**1.50**		0.20	0.10	ug/Kg	☼	10/01/25 06:38	10/02/25 04:42	1
Perfluorotridecanoic acid (PFTrDA)	**8.74**		0.20	0.10	ug/Kg	☼	10/01/25 06:38	10/02/25 04:42	1

Client Sample ID: 54A_4-8
Date Collected: 09/25/25 08:45
Date Received: 09/25/25 16:10

Lab Sample ID: 460-335747-10
Matrix: Solid
Percent Solids: 85.3

Method: EPA 1633A - Per- and Polyfluoroalkyl Substances by LC/MS/MS, 1633A (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Perfluorotetradecanoic acid (PFTeDA)	**0.45**		0.20	0.10	ug/Kg	☼	10/01/25 06:38	10/02/25 04:42	1
Perfluorobutanesulfonic acid (PFBS)	0.20	U	0.20	0.10	ug/Kg	☼	10/01/25 06:38	10/02/25 04:42	1
Perfluoropentanesulfonic acid (PFPeS)	0.20	U	0.20	0.10	ug/Kg	☼	10/01/25 06:38	10/02/25 04:42	1
Perfluorohexanesulfonic acid (PFHxS)	0.20	U	0.20	0.10	ug/Kg	☼	10/01/25 06:38	10/02/25 04:42	1
Perfluoroheptanesulfonic acid (PFHpS)	0.20	U	0.20	0.10	ug/Kg	☼	10/01/25 06:38	10/02/25 04:42	1
Perfluorooctanesulfonic acid (PFOS)	0.20	U	0.20	0.10	ug/Kg	☼	10/01/25 06:38	10/02/25 04:42	1
Perfluorononanesulfonic acid (PFNS)	0.20	U	0.20	0.10	ug/Kg	☼	10/01/25 06:38	10/02/25 04:42	1
Perfluorodecanesulfonic acid (PFDS)	0.20	U	0.20	0.10	ug/Kg	☼	10/01/25 06:38	10/02/25 04:42	1
Perfluorododecanesulfonic acid (PFDoS)	0.20	U	0.20	0.10	ug/Kg	☼	10/01/25 06:38	10/02/25 04:42	1
1H,1H,2H,2H-Perfluorohexane sulfonic acid (4:2 FTS)	0.40	U	0.40	0.20	ug/Kg	☼	10/01/25 06:38	10/02/25 04:42	1
1H,1H,2H,2H-Perfluorooctane sulfonic acid (6:2 FTS)	**0.44**		0.40	0.20	ug/Kg	☼	10/01/25 06:38	10/02/25 04:42	1
1H,1H,2H,2H-Perfluorodecane sulfonic acid (8:2 FTS)	**3.23**		0.40	0.20	ug/Kg	☼	10/01/25 06:38	10/02/25 04:42	1
Perfluorooctanesulfonamide (PFOSA)	0.20	U	0.20	0.10	ug/Kg	☼	10/01/25 06:38	10/02/25 04:42	1
N-methylperfluorooctane sulfonamide (NMeFOSA)	0.20	U	0.20	0.10	ug/Kg	☼	10/01/25 06:38	10/02/25 04:42	1
N-ethylperfluorooctane sulfonamide (NEtFOSA)	0.20	U	0.20	0.10	ug/Kg	☼	10/01/25 06:38	10/02/25 04:42	1
N-methylperfluorooctanesulfonamidoacetic acid (NMeFOSAA)	0.20	U	0.20	0.10	ug/Kg	☼	10/01/25 06:38	10/02/25 04:42	1
N-ethylperfluorooctanesulfonamidoacetic acid (NEtFOSAA)	0.20	U	0.20	0.10	ug/Kg	☼	10/01/25 06:38	10/02/25 04:42	1
N-methylperfluorooctane sulfonamidoethanol (NMeFOSE)	1.00	U	1.00	0.50	ug/Kg	☼	10/01/25 06:38	10/02/25 04:42	1
N-ethylperfluorooctane sulfonamidoethanol (NEtFOSE)	1.00	U	1.00	0.50	ug/Kg	☼	10/01/25 06:38	10/02/25 04:42	1
Hexafluoropropylene Oxide Dimer Acid (HFPO-DA)	0.20	U	0.20	0.10	ug/Kg	☼	10/01/25 06:38	10/02/25 04:42	1
4,8-Dioxa-3H-perfluorononanoic acid (ADONA)	0.20	U	0.20	0.10	ug/Kg	☼	10/01/25 06:38	10/02/25 04:42	1
Perfluoro-3-methoxypropanoic acid (PFMPA)	0.20	U	0.20	0.10	ug/Kg	☼	10/01/25 06:38	10/02/25 04:42	1
Perfluoro-4-methoxybutanoic acid (PFMBA)	0.20	U	0.20	0.10	ug/Kg	☼	10/01/25 06:38	10/02/25 04:42	1
Nonafluoro-3,6-dioxaheptanoic acid (NFDHA)	0.20	U	0.20	0.10	ug/Kg	☼	10/01/25 06:38	10/02/25 04:42	1
9-Chlorohexadecafluoro-3-oxanonane-1-sulfonic acid (9Cl-PF3ONS)	0.20	U	0.20	0.10	ug/Kg	☼	10/01/25 06:38	10/02/25 04:42	1
11-Chloroeicosafluoro-3-oxaundecane-1-sulfonic acid (11Cl-PF3OUdS)	0.20	U	0.20	0.10	ug/Kg	☼	10/01/25 06:38	10/02/25 04:42	1
Perfluoro (2-ethoxyethane) sulfonic acid (PFEESA)	0.20	U	0.20	0.10	ug/Kg	☼	10/01/25 06:38	10/02/25 04:42	1
3-Perfluoropropylpropanoic acid (3:3 FTCA)	0.40	U	0.40	0.20	ug/Kg	☼	10/01/25 06:38	10/02/25 04:42	1
3-Perfluoropentylpropanoic acid (5:3 FTCA)	1.00	U	1.00	0.50	ug/Kg	☼	10/01/25 06:38	10/02/25 04:42	1
3-Perfluoroheptylpropanoic acid (7:3 FTCA)	**0.96**	**J**	1.00	0.50	ug/Kg	☼	10/01/25 06:38	10/02/25 04:42	1

Client Sample ID: 54A_4-8
Date Collected: 09/25/25 08:45
Date Received: 09/25/25 16:10

Lab Sample ID: 460-335747-10
Matrix: Solid
Percent Solids: 85.3

Isotope Dilution	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
13C4 PFBA	*104*		*8 - 130*	*10/01/25 06:38*	*10/02/25 04:42*	*1*
13C5 PFPeA	*89.5*		*35 - 130*	*10/01/25 06:38*	*10/02/25 04:42*	*1*
13C5 PFHxA	*92.4*		*40 - 130*	*10/01/25 06:38*	*10/02/25 04:42*	*1*
13C4 PFHpA	*92.2*		*40 - 130*	*10/01/25 06:38*	*10/02/25 04:42*	*1*
13C8 PFOA	*97.0*		*40 - 130*	*10/01/25 06:38*	*10/02/25 04:42*	*1*
13C9 PFNA	*92.7*		*40 - 130*	*10/01/25 06:38*	*10/02/25 04:42*	*1*
13C6 PFDA	*89.4*		*40 - 130*	*10/01/25 06:38*	*10/02/25 04:42*	*1*
13C7 PFUnA	*77.3*		*40 - 130*	*10/01/25 06:38*	*10/02/25 04:42*	*1*
13C2 PFTeDA	*62.3*		*20 - 130*	*10/01/25 06:38*	*10/02/25 04:42*	*1*
13C3 PFBS	*86.2*		*40 - 135*	*10/01/25 06:38*	*10/02/25 04:42*	*1*
13C3 PFHxS	*88.6*		*40 - 130*	*10/01/25 06:38*	*10/02/25 04:42*	*1*
13C8 PFOS	*80.8*		*40 - 130*	*10/01/25 06:38*	*10/02/25 04:42*	*1*
13C8 FOSA	*88.8*		*40 - 130*	*10/01/25 06:38*	*10/02/25 04:42*	*1*
d3-NMeFOSAA	*92.4*		*40 - 135*	*10/01/25 06:38*	*10/02/25 04:42*	*1*
d5-NEtFOSAA	*84.4*		*40 - 150*	*10/01/25 06:38*	*10/02/25 04:42*	*1*
13C2 4:2 FTS	*105*		*40 - 165*	*10/01/25 06:38*	*10/02/25 04:42*	*1*
13C2 6:2 FTS	*109*		*40 - 215*	*10/01/25 06:38*	*10/02/25 04:42*	*1*
13C2 8:2 FTS	*102*		*40 - 275*	*10/01/25 06:38*	*10/02/25 04:42*	*1*
13C3 HFPO-DA	*89.0*		*40 - 130*	*10/01/25 06:38*	*10/02/25 04:42*	*1*
d7-N-MeFOSE-M	*37.0*		*20 - 130*	*10/01/25 06:38*	*10/02/25 04:42*	*1*
d9-N-EtFOSE-M	*28.2*		*15 - 130*	*10/01/25 06:38*	*10/02/25 04:42*	*1*
d5-NEtPFOSA	*68.9*		*10 - 130*	*10/01/25 06:38*	*10/02/25 04:42*	*1*
d3-NMePFOSA	*79.5*		*10 - 130*	*10/01/25 06:38*	*10/02/25 04:42*	*1*
13C2 PFDoA	*78.4*		*40 - 130*	*10/01/25 06:38*	*10/02/25 04:42*	*1*

Method: SW846 6020B - Metals (ICP/MS)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Aluminum	**6380**		21.5	5.9	mg/Kg	☼	10/01/25 08:03	10/01/25 20:05	1
Antimony	**0.43**	**J**	1.1	0.16	mg/Kg	☼	10/01/25 08:03	10/01/25 20:05	1
Arsenic	**6.7**		1.1	0.11	mg/Kg	☼	10/01/25 08:03	10/01/25 20:05	1
Barium	**37.1**		2.2	0.16	mg/Kg	☼	10/01/25 08:03	10/01/25 20:05	1
Beryllium	**0.51**		0.43	0.024	mg/Kg	☼	10/01/25 08:03	10/01/25 20:05	1
Cadmium	**0.18**	**J**	1.1	0.12	mg/Kg	☼	10/01/25 08:03	10/01/25 20:05	1
Calcium	**789**		108	10.5	mg/Kg	☼	10/01/25 08:03	10/01/25 20:05	1
Chromium	**14.8**		2.2	0.32	mg/Kg	☼	10/01/25 08:03	10/01/25 20:05	1
Cobalt	**5.4**		1.1	0.16	mg/Kg	☼	10/01/25 08:03	10/01/25 20:05	1
Copper	**27.6**		2.2	0.40	mg/Kg	☼	10/01/25 08:03	10/01/25 20:05	1
Iron	**18800**		64.5	8.2	mg/Kg	☼	10/01/25 08:03	10/01/25 20:05	1
Lead	**88.8**		0.65	0.22	mg/Kg	☼	10/01/25 08:03	10/01/25 20:05	1
Magnesium	**2000**		108	11.0	mg/Kg	☼	10/01/25 08:03	10/01/25 20:05	1
Manganese	**203**		4.3	0.43	mg/Kg	☼	10/01/25 08:03	10/01/25 20:05	1
Nickel	**16.6**		2.2	0.19	mg/Kg	☼	10/01/25 08:03	10/01/25 20:05	1
Potassium	**962**		108	17.4	mg/Kg	☼	10/01/25 08:03	10/01/25 20:05	1
Selenium	**0.16**	**J**	1.3	0.14	mg/Kg	☼	10/01/25 08:03	10/01/25 20:05	1
Silver	**0.14**	**J**	0.43	0.096	mg/Kg	☼	10/01/25 08:03	10/01/25 20:05	1
Sodium	**63.6**	**J**	108	49.1	mg/Kg	☼	10/01/25 08:03	10/01/25 20:05	1
Thallium	**0.082**	**J**	0.43	0.044	mg/Kg	☼	10/01/25 08:03	10/01/25 20:05	1
Vanadium	**22.6**		2.2	0.22	mg/Kg	☼	10/01/25 08:03	10/01/25 20:05	1
Zinc	**74.0**		8.6	1.2	mg/Kg	☼	10/01/25 08:03	10/01/25 20:05	1

Client Sample ID: 54A_4-8

Lab Sample ID: 460-335747-10

Date Collected: 09/25/25 08:45

Matrix: Solid

Date Received: 09/25/25 16:10

Percent Solids: 85.3

Method: SW846 7471B - Mercury (CVAA)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	0.027		0.020	0.0092	mg/Kg	☼	10/01/25 02:19	10/01/25 19:11	1

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Percent Moisture (EPA Moisture)	14.7		1.0	1.0	%			09/30/25 17:39	1
Percent Solids (EPA Moisture)	85.3		1.0	1.0	%			09/30/25 17:39	1

Client Sample ID: 54B_0-4

Lab Sample ID: 460-335747-11

Date Collected: 09/25/25 08:50

Matrix: Solid

Date Received: 09/25/25 16:10

Percent Solids: 88.0

Method: SW846 8270E - Semivolatile Organic Compounds (GC/MS)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1'-Biphenyl	0.37	U	0.37	0.013	mg/Kg	☼	09/27/25 15:54	09/28/25 15:19	1
1,2,4,5-Tetrachlorobenzene	0.37	U	0.37	0.012	mg/Kg	☼	09/27/25 15:54	09/28/25 15:19	1
1,4-Dioxane	0.037	U	0.037	0.032	mg/Kg	☼	09/27/25 15:54	09/28/25 15:19	1
2,2'-oxybis[1-chloropropane]	0.37	U	0.37	0.022	mg/Kg	☼	09/27/25 15:54	09/28/25 15:19	1
2,3,4,6-Tetrachlorophenol	0.37	U	0.37	0.025	mg/Kg	☼	09/27/25 15:54	09/28/25 15:19	1
2,4,5-Trichlorophenol	0.37	U	0.37	0.038	mg/Kg	☼	09/27/25 15:54	09/28/25 15:19	1
2,4,6-Trichlorophenol	0.15	U	0.15	0.048	mg/Kg	☼	09/27/25 15:54	09/28/25 15:19	1
2,4-Dichlorophenol	0.15	U	0.15	0.024	mg/Kg	☼	09/27/25 15:54	09/28/25 15:19	1
2,4-Dimethylphenol	0.37	U	0.37	0.044	mg/Kg	☼	09/27/25 15:54	09/28/25 15:19	1
2,4-Dinitrophenol	0.30	U	0.30	0.18	mg/Kg	☼	09/27/25 15:54	09/28/25 15:19	1
2,4-Dinitrotoluene	0.075	U	0.075	0.040	mg/Kg	☼	09/27/25 15:54	09/28/25 15:19	1
2,6-Dinitrotoluene	0.075	U	0.075	0.027	mg/Kg	☼	09/27/25 15:54	09/28/25 15:19	1
2-Chloronaphthalene	0.37	U	0.37	0.048	mg/Kg	☼	09/27/25 15:54	09/28/25 15:19	1
2-Chlorophenol	0.37	U	0.37	0.013	mg/Kg	☼	09/27/25 15:54	09/28/25 15:19	1
2-Methylnaphthalene	0.37	U	0.37	0.010	mg/Kg	☼	09/27/25 15:54	09/28/25 15:19	1
2-Methylphenol	0.37	U	0.37	0.014	mg/Kg	☼	09/27/25 15:54	09/28/25 15:19	1
2-Nitroaniline	0.37	U	0.37	0.028	mg/Kg	☼	09/27/25 15:54	09/28/25 15:19	1
2-Nitrophenol	0.37	U	0.37	0.037	mg/Kg	☼	09/27/25 15:54	09/28/25 15:19	1
3 & 4 Methylphenol	0.37	U	0.37	0.023	mg/Kg	☼	09/27/25 15:54	09/28/25 15:19	1
3,3'-Dichlorobenzidine	0.15	U	0.15	0.056	mg/Kg	☼	09/27/25 15:54	09/28/25 15:19	1
3-Nitroaniline	0.37	U	0.37	0.088	mg/Kg	☼	09/27/25 15:54	09/28/25 15:19	1
4,6-Dinitro-2-methylphenol	0.30	U	0.30	0.15	mg/Kg	☼	09/27/25 15:54	09/28/25 15:19	1
4-Bromophenyl phenyl ether	0.37	U	0.37	0.015	mg/Kg	☼	09/27/25 15:54	09/28/25 15:19	1
4-Chloro-3-methylphenol	0.37	U	0.37	0.021	mg/Kg	☼	09/27/25 15:54	09/28/25 15:19	1
4-Chloroaniline	0.37	U	0.37	0.066	mg/Kg	☼	09/27/25 15:54	09/28/25 15:19	1
4-Chlorophenyl phenyl ether	0.37	U	0.37	0.013	mg/Kg	☼	09/27/25 15:54	09/28/25 15:19	1
4-Methylphenol	0.37	U	0.37	0.023	mg/Kg	☼	09/27/25 15:54	09/28/25 15:19	1
4-Nitroaniline	0.37	U	0.37	0.094	mg/Kg	☼	09/27/25 15:54	09/28/25 15:19	1
4-Nitrophenol	0.75	U	0.75	0.061	mg/Kg	☼	09/27/25 15:54	09/28/25 15:19	1
Acenaphthene	0.37	U	0.37	0.011	mg/Kg	☼	09/27/25 15:54	09/28/25 15:19	1
Acenaphthylene	0.37	U	0.37	0.011	mg/Kg	☼	09/27/25 15:54	09/28/25 15:19	1
Acetophenone	0.37	U	0.37	0.018	mg/Kg	☼	09/27/25 15:54	09/28/25 15:19	1
Anthracene	0.37	U	0.37	0.011	mg/Kg	☼	09/27/25 15:54	09/28/25 15:19	1
Atrazine	0.15	U *	0.15	0.022	mg/Kg	☼	09/27/25 15:54	09/28/25 15:19	1
Benzaldehyde	0.37	U	0.37	0.061	mg/Kg	☼	09/27/25 15:54	09/28/25 15:19	1
Benzo[a]anthracene	0.037	U	0.037	0.028	mg/Kg	☼	09/27/25 15:54	09/28/25 15:19	1
Benzo[a]pyrene	0.037	U	0.037	0.0099	mg/Kg	☼	09/27/25 15:54	09/28/25 15:19	1

Client Sample ID: 54B_0-4
Date Collected: 09/25/25 08:50
Date Received: 09/25/25 16:10

Lab Sample ID: 460-335747-11
Matrix: Solid
Percent Solids: 88.0

Method: SW846 8270E - Semivolatile Organic Compounds (GC/MS) (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzo[b]fluoranthene	0.037	U	0.037	0.0096	mg/Kg	☼	09/27/25 15:54	09/28/25 15:19	1
Benzo[g,h,i]perylene	0.37	U	0.37	0.011	mg/Kg	☼	09/27/25 15:54	09/28/25 15:19	1
Benzo[k]fluoranthene	0.037	U	0.037	0.0073	mg/Kg	☼	09/27/25 15:54	09/28/25 15:19	1
Bis(2-chloroethoxy)methane	0.37	U	0.37	0.069	mg/Kg	☼	09/27/25 15:54	09/28/25 15:19	1
Bis(2-chloroethyl)ether	0.037	U	0.037	0.013	mg/Kg	☼	09/27/25 15:54	09/28/25 15:19	1
Bis(2-ethylhexyl) phthalate	0.37	U	0.37	0.020	mg/Kg	☼	09/27/25 15:54	09/28/25 15:19	1
Butyl benzyl phthalate	0.37	U	0.37	0.017	mg/Kg	☼	09/27/25 15:54	09/28/25 15:19	1
Caprolactam	0.37	U *	0.37	0.058	mg/Kg	☼	09/27/25 15:54	09/28/25 15:19	1
Carbazole	0.37	U	0.37	0.014	mg/Kg	☼	09/27/25 15:54	09/28/25 15:19	1
Chrysene	0.37	U	0.37	0.016	mg/Kg	☼	09/27/25 15:54	09/28/25 15:19	1
Dibenz(a,h)anthracene	0.037	U	0.037	0.016	mg/Kg	☼	09/27/25 15:54	09/28/25 15:19	1
Dibenzofuran	0.37	U	0.37	0.012	mg/Kg	☼	09/27/25 15:54	09/28/25 15:19	1
Diethyl phthalate	0.37	U	0.37	0.012	mg/Kg	☼	09/27/25 15:54	09/28/25 15:19	1
Dimethyl phthalate	0.37	U	0.37	0.084	mg/Kg	☼	09/27/25 15:54	09/28/25 15:19	1
Di-n-butyl phthalate	0.37	U	0.37	0.014	mg/Kg	☼	09/27/25 15:54	09/28/25 15:19	1
Di-n-octyl phthalate	0.37	U	0.37	0.020	mg/Kg	☼	09/27/25 15:54	09/28/25 15:19	1
Fluoranthene	0.37	U	0.37	0.013	mg/Kg	☼	09/27/25 15:54	09/28/25 15:19	1
Fluorene	0.37	U	0.37	0.011	mg/Kg	☼	09/27/25 15:54	09/28/25 15:19	1
Hexachlorobenzene	0.037	U	0.037	0.018	mg/Kg	☼	09/27/25 15:54	09/28/25 15:19	1
Hexachlorobutadiene	0.075	U	0.075	0.0079	mg/Kg	☼	09/27/25 15:54	09/28/25 15:19	1
Hexachlorocyclopentadiene	0.37	U	0.37	0.033	mg/Kg	☼	09/27/25 15:54	09/28/25 15:19	1
Hexachloroethane	0.037	U	0.037	0.013	mg/Kg	☼	09/27/25 15:54	09/28/25 15:19	1
Indeno[1,2,3-cd]pyrene	0.037	U	0.037	0.015	mg/Kg	☼	09/27/25 15:54	09/28/25 15:19	1
Isophorone	0.15	U	0.15	0.11	mg/Kg	☼	09/27/25 15:54	09/28/25 15:19	1
Naphthalene	0.37	U	0.37	0.0064	mg/Kg	☼	09/27/25 15:54	09/28/25 15:19	1
Nitrobenzene	0.037	U	0.037	0.021	mg/Kg	☼	09/27/25 15:54	09/28/25 15:19	1
N-Nitrosodi-n-propylamine	0.037	U	0.037	0.027	mg/Kg	☼	09/27/25 15:54	09/28/25 15:19	1
N-Nitrosodiphenylamine	0.37	U	0.37	0.031	mg/Kg	☼	09/27/25 15:54	09/28/25 15:19	1
Pentachlorophenol	0.30	U	0.30	0.076	mg/Kg	☼	09/27/25 15:54	09/28/25 15:19	1
Phenanthrene	0.37	U	0.37	0.015	mg/Kg	☼	09/27/25 15:54	09/28/25 15:19	1
Phenol	0.37	U	0.37	0.014	mg/Kg	☼	09/27/25 15:54	09/28/25 15:19	1
Pyrene	0.37	U	0.37	0.0092	mg/Kg	☼	09/27/25 15:54	09/28/25 15:19	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
2,4,6-Tribromophenol (Surr)	*68*		*18 - 137*	*09/27/25 15:54*	*09/28/25 15:19*	*1*
2-Fluorobiphenyl	*67*		*33 - 117*	*09/27/25 15:54*	*09/28/25 15:19*	*1*
2-Fluorophenol (Surr)	*69*		*24 - 120*	*09/27/25 15:54*	*09/28/25 15:19*	*1*
Nitrobenzene-d5 (Surr)	*69*		*27 - 120*	*09/27/25 15:54*	*09/28/25 15:19*	*1*
Phenol-d5 (Surr)	*67*		*28 - 118*	*09/27/25 15:54*	*09/28/25 15:19*	*1*
Terphenyl-d14 (Surr)	*78*		*33 - 124*	*09/27/25 15:54*	*09/28/25 15:19*	*1*

Method: SW846 8081B - Organochlorine Pesticides (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
4,4'-DDD	0.0076	U	0.0076	0.0013	mg/Kg	☼	09/27/25 19:28	09/28/25 11:45	1
4,4'-DDE	0.0076	U	0.0076	0.00090	mg/Kg	☼	09/27/25 19:28	09/28/25 11:45	1
4,4'-DDT	0.0076	U	0.0076	0.0014	mg/Kg	☼	09/27/25 19:28	09/28/25 11:45	1
Aldrin	0.0076	U	0.0076	0.0011	mg/Kg	☼	09/27/25 19:28	09/28/25 11:45	1
alpha-BHC	0.0023	U	0.0023	0.00077	mg/Kg	☼	09/27/25 19:28	09/28/25 11:45	1
beta-BHC	0.0023	U	0.0023	0.00085	mg/Kg	☼	09/27/25 19:28	09/28/25 11:45	1
Chlordane (technical)	0.076	U	0.076	0.018	mg/Kg	☼	09/27/25 19:28	09/28/25 11:45	1

Client Sample ID: 54B_0-4

Date Collected: 09/25/25 08:50
Date Received: 09/25/25 16:10

Lab Sample ID: 460-335747-11

Matrix: Solid
Percent Solids: 88.0

Method: SW846 8081B - Organochlorine Pesticides (GC) (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
cis-Chlordane	0.0076	U	0.0076	0.0012	mg/Kg	☼	09/27/25 19:28	09/28/25 11:45	1
delta-BHC	0.0023	U	0.0023	0.00047	mg/Kg	☼	09/27/25 19:28	09/28/25 11:45	1
Dieldrin	0.0023	U	0.0023	0.00099	mg/Kg	☼	09/27/25 19:28	09/28/25 11:45	1
Endosulfan I	0.0076	U	0.0076	0.0012	mg/Kg	☼	09/27/25 19:28	09/28/25 11:45	1
Endosulfan II	0.0076	U	0.0076	0.0020	mg/Kg	☼	09/27/25 19:28	09/28/25 11:45	1
Endosulfan sulfate	0.0076	U	0.0076	0.00095	mg/Kg	☼	09/27/25 19:28	09/28/25 11:45	1
Endrin	0.0076	U	0.0076	0.0011	mg/Kg	☼	09/27/25 19:28	09/28/25 11:45	1
Endrin aldehyde	0.0076	U	0.0076	0.0018	mg/Kg	☼	09/27/25 19:28	09/28/25 11:45	1
Endrin ketone	0.0076	U	0.0076	0.0015	mg/Kg	☼	09/27/25 19:28	09/28/25 11:45	1
gamma-BHC (Lindane)	0.0023	U	0.0023	0.00070	mg/Kg	☼	09/27/25 19:28	09/28/25 11:45	1
Heptachlor	0.0076	U	0.0076	0.00090	mg/Kg	☼	09/27/25 19:28	09/28/25 11:45	1
Heptachlor epoxide	0.0076	U	0.0076	0.0011	mg/Kg	☼	09/27/25 19:28	09/28/25 11:45	1
Methoxychlor	0.0076	U	0.0076	0.0017	mg/Kg	☼	09/27/25 19:28	09/28/25 11:45	1
Toxaphene	0.076	U	0.076	0.027	mg/Kg	☼	09/27/25 19:28	09/28/25 11:45	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
DCB Decachlorobiphenyl	*94*		*10 - 150*	*09/27/25 19:28*	*09/28/25 11:45*	*1*
DCB Decachlorobiphenyl	*103*		*10 - 150*	*09/27/25 19:28*	*09/28/25 11:45*	*1*
Tetrachloro-m-xylene	*92*		*14 - 150*	*09/27/25 19:28*	*09/28/25 11:45*	*1*
Tetrachloro-m-xylene	*85*		*14 - 150*	*09/27/25 19:28*	*09/28/25 11:45*	*1*

Method: SW846 8082A - Polychlorinated Biphenyls (PCBs) by Gas Chromatography

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Aroclor 1016	0.076	U	0.076	0.020	mg/Kg	☼	09/27/25 19:23	09/28/25 15:44	1
Aroclor 1221	0.076	U	0.076	0.020	mg/Kg	☼	09/27/25 19:23	09/28/25 15:44	1
Aroclor 1232	0.076	U	0.076	0.020	mg/Kg	☼	09/27/25 19:23	09/28/25 15:44	1
Aroclor 1242	0.076	U	0.076	0.020	mg/Kg	☼	09/27/25 19:23	09/28/25 15:44	1
Aroclor 1248	0.076	U	0.076	0.020	mg/Kg	☼	09/27/25 19:23	09/28/25 15:44	1
Aroclor 1254	0.076	U	0.076	0.020	mg/Kg	☼	09/27/25 19:23	09/28/25 15:44	1
Aroclor 1260	**0.056**	**J**	0.076	0.020	mg/Kg	☼	09/27/25 19:23	09/28/25 15:44	1
Aroclor-1262	0.076	U	0.076	0.020	mg/Kg	☼	09/27/25 19:23	09/28/25 15:44	1
Aroclor 1268	0.076	U	0.076	0.020	mg/Kg	☼	09/27/25 19:23	09/28/25 15:44	1
Polychlorinated biphenyls, Total	**0.056**	**J**	0.076	0.020	mg/Kg	☼	09/27/25 19:23	09/28/25 15:44	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
DCB Decachlorobiphenyl	*116*		*10 - 150*	*09/27/25 19:23*	*09/28/25 15:44*	*1*
DCB Decachlorobiphenyl	*120*		*10 - 150*	*09/27/25 19:23*	*09/28/25 15:44*	*1*
Tetrachloro-m-xylene	*110*		*10 - 150*	*09/27/25 19:23*	*09/28/25 15:44*	*1*
Tetrachloro-m-xylene	*114*		*10 - 150*	*09/27/25 19:23*	*09/28/25 15:44*	*1*

Method: EPA 1633A - Per- and Polyfluoroalkyl Substances by LC/MS/MS, 1633A

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Perfluorobutanoic acid (PFBA)	0.40	U	0.40	0.10	ug/Kg	☼	10/01/25 06:38	10/02/25 05:23	1
Perfluoropentanoic acid (PFPeA)	**0.18**	**J**	0.20	0.10	ug/Kg	☼	10/01/25 06:38	10/02/25 05:23	1
Perfluorohexanoic acid (PFHxA)	**0.15**	**J**	0.20	0.10	ug/Kg	☼	10/01/25 06:38	10/02/25 05:23	1
Perfluoroheptanoic acid (PFHpA)	**0.21**		0.20	0.10	ug/Kg	☼	10/01/25 06:38	10/02/25 05:23	1
Perfluorooctanoic acid (PFOA)	**0.15**	**J**	0.20	0.060	ug/Kg	☼	10/01/25 06:38	10/02/25 05:23	1
Perfluorononanoic acid (PFNA)	**0.39**		0.20	0.10	ug/Kg	☼	10/01/25 06:38	10/02/25 05:23	1
Perfluorodecanoic acid (PFDA)	**0.62**		0.20	0.060	ug/Kg	☼	10/01/25 06:38	10/02/25 05:23	1
Perfluoroundecanoic acid (PFUnA)	**9.36**		0.20	0.10	ug/Kg	☼	10/01/25 06:38	10/02/25 05:23	1

Client Sample ID: 54B_0-4
Date Collected: 09/25/25 08:50
Date Received: 09/25/25 16:10

Lab Sample ID: 460-335747-11
Matrix: Solid
Percent Solids: 88.0

Method: EPA 1633A - Per- and Polyfluoroalkyl Substances by LC/MS/MS, 1633A (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Perfluorododecanoic acid (PFDoA)	**0.54**		0.20	0.10	ug/Kg	☼	10/01/25 06:38	10/02/25 05:23	1
Perfluorotridecanoic acid (PFTrDA)	**2.58**		0.20	0.10	ug/Kg	☼	10/01/25 06:38	10/02/25 05:23	1
Perfluorotetradecanoic acid (PFTeDA)	0.20	U	0.20	0.10	ug/Kg	☼	10/01/25 06:38	10/02/25 05:23	1
Perfluorobutanesulfonic acid (PFBS)	0.20	U	0.20	0.10	ug/Kg	☼	10/01/25 06:38	10/02/25 05:23	1
Perfluoropentanesulfonic acid (PFPeS)	0.20	U	0.20	0.10	ug/Kg	☼	10/01/25 06:38	10/02/25 05:23	1
Perfluorohexanesulfonic acid (PFHxS)	0.20	U	0.20	0.10	ug/Kg	☼	10/01/25 06:38	10/02/25 05:23	1
Perfluoroheptanesulfonic acid (PFHpS)	0.20	U	0.20	0.10	ug/Kg	☼	10/01/25 06:38	10/02/25 05:23	1
Perfluorooctanesulfonic acid (PFOS)	0.20	U	0.20	0.10	ug/Kg	☼	10/01/25 06:38	10/02/25 05:23	1
Perfluorononanesulfonic acid (PFNS)	0.20	U	0.20	0.10	ug/Kg	☼	10/01/25 06:38	10/02/25 05:23	1
Perfluorodecanesulfonic acid (PFDS)	0.20	U	0.20	0.10	ug/Kg	☼	10/01/25 06:38	10/02/25 05:23	1
Perfluorododecanesulfonic acid (PFDoS)	0.20	U	0.20	0.10	ug/Kg	☼	10/01/25 06:38	10/02/25 05:23	1
1H,1H,2H,2H-Perfluorohexane sulfonic acid (4:2 FTS)	0.40	U	0.40	0.20	ug/Kg	☼	10/01/25 06:38	10/02/25 05:23	1
1H,1H,2H,2H-Perfluorooctane sulfonic acid (6:2 FTS)	0.40	U	0.40	0.20	ug/Kg	☼	10/01/25 06:38	10/02/25 05:23	1
1H,1H,2H,2H-Perfluorodecane sulfonic acid (8:2 FTS)	**1.22**		0.40	0.20	ug/Kg	☼	10/01/25 06:38	10/02/25 05:23	1
Perfluorooctanesulfonamide (PFOSA)	0.20	U	0.20	0.10	ug/Kg	☼	10/01/25 06:38	10/02/25 05:23	1
N-methylperfluorooctane sulfonamide (NMeFOSA)	0.20	U	0.20	0.10	ug/Kg	☼	10/01/25 06:38	10/02/25 05:23	1
N-ethylperfluorooctane sulfonamide (NEtFOSA)	0.20	U	0.20	0.10	ug/Kg	☼	10/01/25 06:38	10/02/25 05:23	1
N-methylperfluorooctanesulfonamidoacetic acid (NMeFOSAA)	0.20	U	0.20	0.10	ug/Kg	☼	10/01/25 06:38	10/02/25 05:23	1
N-ethylperfluorooctanesulfonamidoacetic acid (NEtFOSAA)	0.20	U	0.20	0.10	ug/Kg	☼	10/01/25 06:38	10/02/25 05:23	1
N-methylperfluorooctane sulfonamidoethanol (NMeFOSE)	1.0	U	1.0	0.50	ug/Kg	☼	10/01/25 06:38	10/02/25 05:23	1
N-ethylperfluorooctane sulfonamidoethanol (NEtFOSE)	1.0	U	1.0	0.50	ug/Kg	☼	10/01/25 06:38	10/02/25 05:23	1
Hexafluoropropylene Oxide Dimer Acid (HFPO-DA)	0.20	U	0.20	0.10	ug/Kg	☼	10/01/25 06:38	10/02/25 05:23	1
4,8-Dioxa-3H-perfluorononanoic acid (ADONA)	0.20	U	0.20	0.10	ug/Kg	☼	10/01/25 06:38	10/02/25 05:23	1
Perfluoro-3-methoxypropanoic acid (PFMPA)	0.20	U	0.20	0.10	ug/Kg	☼	10/01/25 06:38	10/02/25 05:23	1
Perfluoro-4-methoxybutanoic acid (PFMBA)	0.20	U	0.20	0.10	ug/Kg	☼	10/01/25 06:38	10/02/25 05:23	1
Nonafluoro-3,6-dioxaheptanoic acid (NFDHA)	0.20	U	0.20	0.10	ug/Kg	☼	10/01/25 06:38	10/02/25 05:23	1
9-Chlorohexadecafluoro-3-oxanonane-1-sulfonic acid (9Cl-PF3ONS)	0.20	U	0.20	0.10	ug/Kg	☼	10/01/25 06:38	10/02/25 05:23	1
11-Chloroeicosafluoro-3-oxaundecane-1-sulfonic acid (11Cl-PF3OUdS)	0.20	U	0.20	0.10	ug/Kg	☼	10/01/25 06:38	10/02/25 05:23	1
Perfluoro (2-ethoxyethane) sulfonic acid (PFEESA)	0.20	U	0.20	0.10	ug/Kg	☼	10/01/25 06:38	10/02/25 05:23	1
3-Perfluoropropylpropanoic acid (3:3 FTCA)	0.40	U	0.40	0.20	ug/Kg	☼	10/01/25 06:38	10/02/25 05:23	1
3-Perfluoropentylpropanoic acid (5:3 FTCA)	1.0	U	1.0	0.50	ug/Kg	☼	10/01/25 06:38	10/02/25 05:23	1

Client Sample ID: 54B_0-4
Date Collected: 09/25/25 08:50
Date Received: 09/25/25 16:10

Lab Sample ID: 460-335747-11
Matrix: Solid
Percent Solids: 88.0

Method: EPA 1633A - Per- and Polyfluoroalkyl Substances by LC/MS/MS, 1633A (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
3-Perfluoroheptylpropanoic acid (7:3 FTCA)	1.0	U	1.0	0.50	ug/Kg	☼	10/01/25 06:38	10/02/25 05:23	1

Isotope Dilution	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
13C4 PFBA	*92.1*		*8 - 130*	*10/01/25 06:38*	*10/02/25 05:23*	*1*
13C5 PFPeA	*75.1*		*35 - 130*	*10/01/25 06:38*	*10/02/25 05:23*	*1*
13C5 PFHxA	*82.6*		*40 - 130*	*10/01/25 06:38*	*10/02/25 05:23*	*1*
13C4 PFHpA	*85.1*		*40 - 130*	*10/01/25 06:38*	*10/02/25 05:23*	*1*
13C8 PFOA	*91.7*		*40 - 130*	*10/01/25 06:38*	*10/02/25 05:23*	*1*
13C9 PFNA	*87.7*		*40 - 130*	*10/01/25 06:38*	*10/02/25 05:23*	*1*
13C6 PFDA	*88.5*		*40 - 130*	*10/01/25 06:38*	*10/02/25 05:23*	*1*
13C7 PFUnA	*84.6*		*40 - 130*	*10/01/25 06:38*	*10/02/25 05:23*	*1*
13C2 PFTeDA	*68.7*		*20 - 130*	*10/01/25 06:38*	*10/02/25 05:23*	*1*
13C3 PFBS	*76.0*		*40 - 135*	*10/01/25 06:38*	*10/02/25 05:23*	*1*
13C3 PFHxS	*83.5*		*40 - 130*	*10/01/25 06:38*	*10/02/25 05:23*	*1*
13C8 PFOS	*81.5*		*40 - 130*	*10/01/25 06:38*	*10/02/25 05:23*	*1*
13C8 FOSA	*90.9*		*40 - 130*	*10/01/25 06:38*	*10/02/25 05:23*	*1*
d3-NMeFOSAA	*94.2*		*40 - 135*	*10/01/25 06:38*	*10/02/25 05:23*	*1*
d5-NEtFOSAA	*90.4*		*40 - 150*	*10/01/25 06:38*	*10/02/25 05:23*	*1*
13C2 4:2 FTS	*103*		*40 - 165*	*10/01/25 06:38*	*10/02/25 05:23*	*1*
13C2 6:2 FTS	*112*		*40 - 215*	*10/01/25 06:38*	*10/02/25 05:23*	*1*
13C2 8:2 FTS	*102*		*40 - 275*	*10/01/25 06:38*	*10/02/25 05:23*	*1*
13C3 HFPO-DA	*78.6*		*40 - 130*	*10/01/25 06:38*	*10/02/25 05:23*	*1*
d7-N-MeFOSE-M	*31.4*		*20 - 130*	*10/01/25 06:38*	*10/02/25 05:23*	*1*
d9-N-EtFOSE-M	*24.9*		*15 - 130*	*10/01/25 06:38*	*10/02/25 05:23*	*1*
d5-NEtPFOSA	*75.3*		*10 - 130*	*10/01/25 06:38*	*10/02/25 05:23*	*1*
d3-NMePFOSA	*82.5*		*10 - 130*	*10/01/25 06:38*	*10/02/25 05:23*	*1*
13C2 PFDoA	*88.4*		*40 - 130*	*10/01/25 06:38*	*10/02/25 05:23*	*1*

Method: SW846 6020B - Metals (ICP/MS)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Aluminum	**7820**		20.7	5.7	mg/Kg	☼	10/01/25 08:03	10/01/25 20:08	1
Antimony	**1.1**		1.0	0.15	mg/Kg	☼	10/01/25 08:03	10/01/25 20:08	1
Arsenic	**9.2**		1.0	0.11	mg/Kg	☼	10/01/25 08:03	10/01/25 20:08	1
Barium	**77.6**		2.1	0.15	mg/Kg	☼	10/01/25 08:03	10/01/25 20:08	1
Beryllium	**1.3**		0.41	0.023	mg/Kg	☼	10/01/25 08:03	10/01/25 20:08	1
Cadmium	**1.1**		1.0	0.12	mg/Kg	☼	10/01/25 08:03	10/01/25 20:08	1
Calcium	**2270**		103	10.0	mg/Kg	☼	10/01/25 08:03	10/01/25 20:08	1
Chromium	**35.2**		2.1	0.31	mg/Kg	☼	10/01/25 08:03	10/01/25 20:08	1
Cobalt	**9.0**		1.0	0.15	mg/Kg	☼	10/01/25 08:03	10/01/25 20:08	1
Copper	**92.9**		2.1	0.38	mg/Kg	☼	10/01/25 08:03	10/01/25 20:08	1
Iron	**21700**		62.0	7.9	mg/Kg	☼	10/01/25 08:03	10/01/25 20:08	1
Lead	**309**		0.62	0.21	mg/Kg	☼	10/01/25 08:03	10/01/25 20:08	1
Magnesium	**2450**		103	10.5	mg/Kg	☼	10/01/25 08:03	10/01/25 20:08	1
Manganese	**197**		4.1	0.42	mg/Kg	☼	10/01/25 08:03	10/01/25 20:08	1
Nickel	**34.4**		2.1	0.18	mg/Kg	☼	10/01/25 08:03	10/01/25 20:08	1
Potassium	**1070**		103	16.7	mg/Kg	☼	10/01/25 08:03	10/01/25 20:08	1
Selenium	**0.43**	J	1.3	0.13	mg/Kg	☼	10/01/25 08:03	10/01/25 20:08	1
Silver	**0.37**	J	0.41	0.092	mg/Kg	☼	10/01/25 08:03	10/01/25 20:08	1
Sodium	**364**		103	47.2	mg/Kg	☼	10/01/25 08:03	10/01/25 20:08	1
Thallium	**0.091**	J	0.41	0.042	mg/Kg	☼	10/01/25 08:03	10/01/25 20:08	1

Client Sample ID: 54B_0-4

Date Collected: 09/25/25 08:50
Date Received: 09/25/25 16:10

Lab Sample ID: 460-335747-11

Matrix: Solid
Percent Solids: 88.0

Method: SW846 6020B - Metals (ICP/MS) (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Vanadium	29.2		2.1	0.21	mg/Kg	☼	10/01/25 08:03	10/01/25 20:08	1
Zinc	4530		826	113	mg/Kg	☼	10/01/25 08:03	10/05/25 22:10	100

Method: SW846 7471B - Mercury (CVAA)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	0.040		0.018	0.0084	mg/Kg	☼	10/01/25 02:19	10/01/25 19:14	1

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Percent Moisture (EPA Moisture)	12.0		1.0	1.0	%			09/30/25 17:39	1
Percent Solids (EPA Moisture)	88.0		1.0	1.0	%			09/30/25 17:39	1

Client Sample ID: 54B_4-8

Date Collected: 09/25/25 08:55
Date Received: 09/25/25 16:10

Lab Sample ID: 460-335747-12

Matrix: Solid
Percent Solids: 85.9

Method: SW846 8270E - Semivolatile Organic Compounds (GC/MS)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1'-Biphenyl	0.38	U	0.38	0.013	mg/Kg	☼	09/27/25 15:54	09/28/25 15:36	1
1,2,4,5-Tetrachlorobenzene	0.38	U	0.38	0.012	mg/Kg	☼	09/27/25 15:54	09/28/25 15:36	1
1,4-Dioxane	0.038	U	0.038	0.034	mg/Kg	☼	09/27/25 15:54	09/28/25 15:36	1
2,2'-oxybis[1-chloropropane]	0.38	U	0.38	0.023	mg/Kg	☼	09/27/25 15:54	09/28/25 15:36	1
2,3,4,6-Tetrachlorophenol	0.38	U	0.38	0.026	mg/Kg	☼	09/27/25 15:54	09/28/25 15:36	1
2,4,5-Trichlorophenol	0.38	U	0.38	0.039	mg/Kg	☼	09/27/25 15:54	09/28/25 15:36	1
2,4,6-Trichlorophenol	0.15	U	0.15	0.049	mg/Kg	☼	09/27/25 15:54	09/28/25 15:36	1
2,4-Dichlorophenol	0.15	U	0.15	0.025	mg/Kg	☼	09/27/25 15:54	09/28/25 15:36	1
2,4-Dimethylphenol	0.38	U	0.38	0.046	mg/Kg	☼	09/27/25 15:54	09/28/25 15:36	1
2,4-Dinitrophenol	0.31	U	0.31	0.19	mg/Kg	☼	09/27/25 15:54	09/28/25 15:36	1
2,4-Dinitrotoluene	0.078	U	0.078	0.041	mg/Kg	☼	09/27/25 15:54	09/28/25 15:36	1
2,6-Dinitrotoluene	0.078	U	0.078	0.028	mg/Kg	☼	09/27/25 15:54	09/28/25 15:36	1
2-Chloronaphthalene	0.38	U	0.38	0.049	mg/Kg	☼	09/27/25 15:54	09/28/25 15:36	1
2-Chlorophenol	0.38	U	0.38	0.014	mg/Kg	☼	09/27/25 15:54	09/28/25 15:36	1
2-Methylnaphthalene	0.38	U	0.38	0.011	mg/Kg	☼	09/27/25 15:54	09/28/25 15:36	1
2-Methylphenol	0.38	U	0.38	0.014	mg/Kg	☼	09/27/25 15:54	09/28/25 15:36	1
2-Nitroaniline	0.38	U	0.38	0.029	mg/Kg	☼	09/27/25 15:54	09/28/25 15:36	1
2-Nitrophenol	0.38	U	0.38	0.039	mg/Kg	☼	09/27/25 15:54	09/28/25 15:36	1
3 & 4 Methylphenol	0.38	U	0.38	0.024	mg/Kg	☼	09/27/25 15:54	09/28/25 15:36	1
3,3'-Dichlorobenzidine	0.15	U	0.15	0.058	mg/Kg	☼	09/27/25 15:54	09/28/25 15:36	1
3-Nitroaniline	0.38	U	0.38	0.091	mg/Kg	☼	09/27/25 15:54	09/28/25 15:36	1
4,6-Dinitro-2-methylphenol	0.31	U	0.31	0.16	mg/Kg	☼	09/27/25 15:54	09/28/25 15:36	1
4-Bromophenyl phenyl ether	0.38	U	0.38	0.015	mg/Kg	☼	09/27/25 15:54	09/28/25 15:36	1
4-Chloro-3-methylphenol	0.38	U	0.38	0.022	mg/Kg	☼	09/27/25 15:54	09/28/25 15:36	1
4-Chloroaniline	0.38	U	0.38	0.068	mg/Kg	☼	09/27/25 15:54	09/28/25 15:36	1
4-Chlorophenyl phenyl ether	0.38	U	0.38	0.014	mg/Kg	☼	09/27/25 15:54	09/28/25 15:36	1
4-Methylphenol	0.38	U	0.38	0.024	mg/Kg	☼	09/27/25 15:54	09/28/25 15:36	1
4-Nitroaniline	0.38	U	0.38	0.098	mg/Kg	☼	09/27/25 15:54	09/28/25 15:36	1
4-Nitrophenol	0.78	U	0.78	0.063	mg/Kg	☼	09/27/25 15:54	09/28/25 15:36	1
Acenaphthene	0.38	U	0.38	0.011	mg/Kg	☼	09/27/25 15:54	09/28/25 15:36	1
Acenaphthylene	0.38	U	0.38	0.011	mg/Kg	☼	09/27/25 15:54	09/28/25 15:36	1
Acetophenone	0.38	U	0.38	0.019	mg/Kg	☼	09/27/25 15:54	09/28/25 15:36	1

Client Sample ID: 54B_4-8
Date Collected: 09/25/25 08:55
Date Received: 09/25/25 16:10

Lab Sample ID: 460-335747-12
Matrix: Solid
Percent Solids: 85.9

Method: SW846 8270E - Semivolatile Organic Compounds (GC/MS) (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Anthracene	0.38	U	0.38	0.012	mg/Kg	☼	09/27/25 15:54	09/28/25 15:36	1
Atrazine	0.15	U *	0.15	0.023	mg/Kg	☼	09/27/25 15:54	09/28/25 15:36	1
Benzaldehyde	0.38	U	0.38	0.064	mg/Kg	☼	09/27/25 15:54	09/28/25 15:36	1
Benzo[a]anthracene	0.038	U	0.038	0.029	mg/Kg	☼	09/27/25 15:54	09/28/25 15:36	1
Benzo[a]pyrene	0.038	U	0.038	0.010	mg/Kg	☼	09/27/25 15:54	09/28/25 15:36	1
Benzo[b]fluoranthene	0.038	U	0.038	0.010	mg/Kg	☼	09/27/25 15:54	09/28/25 15:36	1
Benzo[g,h,i]perylene	0.38	U	0.38	0.011	mg/Kg	☼	09/27/25 15:54	09/28/25 15:36	1
Benzo[k]fluoranthene	0.038	U	0.038	0.0076	mg/Kg	☼	09/27/25 15:54	09/28/25 15:36	1
Bis(2-chloroethoxy)methane	0.38	U	0.38	0.071	mg/Kg	☼	09/27/25 15:54	09/28/25 15:36	1
Bis(2-chloroethyl)ether	0.038	U	0.038	0.013	mg/Kg	☼	09/27/25 15:54	09/28/25 15:36	1
Bis(2-ethylhexyl) phthalate	0.38	U	0.38	0.020	mg/Kg	☼	09/27/25 15:54	09/28/25 15:36	1
Butyl benzyl phthalate	0.38	U	0.38	0.018	mg/Kg	☼	09/27/25 15:54	09/28/25 15:36	1
Caprolactam	0.38	U *	0.38	0.060	mg/Kg	☼	09/27/25 15:54	09/28/25 15:36	1
Carbazole	0.38	U	0.38	0.015	mg/Kg	☼	09/27/25 15:54	09/28/25 15:36	1
Chrysene	0.38	U	0.38	0.016	mg/Kg	☼	09/27/25 15:54	09/28/25 15:36	1
Dibenz(a,h)anthracene	0.038	U	0.038	0.017	mg/Kg	☼	09/27/25 15:54	09/28/25 15:36	1
Dibenzofuran	0.38	U	0.38	0.013	mg/Kg	☼	09/27/25 15:54	09/28/25 15:36	1
Diethyl phthalate	0.38	U	0.38	0.012	mg/Kg	☼	09/27/25 15:54	09/28/25 15:36	1
Dimethyl phthalate	0.38	U	0.38	0.088	mg/Kg	☼	09/27/25 15:54	09/28/25 15:36	1
Di-n-butyl phthalate	**0.015**	**J**	0.38	0.015	mg/Kg	☼	09/27/25 15:54	09/28/25 15:36	1
Di-n-octyl phthalate	0.38	U	0.38	0.020	mg/Kg	☼	09/27/25 15:54	09/28/25 15:36	1
Fluoranthene	0.38	U	0.38	0.013	mg/Kg	☼	09/27/25 15:54	09/28/25 15:36	1
Fluorene	0.38	U	0.38	0.011	mg/Kg	☼	09/27/25 15:54	09/28/25 15:36	1
Hexachlorobenzene	0.038	U	0.038	0.018	mg/Kg	☼	09/27/25 15:54	09/28/25 15:36	1
Hexachlorobutadiene	0.078	U	0.078	0.0082	mg/Kg	☼	09/27/25 15:54	09/28/25 15:36	1
Hexachlorocyclopentadiene	0.38	U	0.38	0.034	mg/Kg	☼	09/27/25 15:54	09/28/25 15:36	1
Hexachloroethane	0.038	U	0.038	0.013	mg/Kg	☼	09/27/25 15:54	09/28/25 15:36	1
Indeno[1,2,3-cd]pyrene	0.038	U	0.038	0.015	mg/Kg	☼	09/27/25 15:54	09/28/25 15:36	1
Isophorone	0.15	U	0.15	0.11	mg/Kg	☼	09/27/25 15:54	09/28/25 15:36	1
Naphthalene	0.38	U	0.38	0.0067	mg/Kg	☼	09/27/25 15:54	09/28/25 15:36	1
Nitrobenzene	0.038	U	0.038	0.021	mg/Kg	☼	09/27/25 15:54	09/28/25 15:36	1
N-Nitrosodi-n-propylamine	0.038	U	0.038	0.028	mg/Kg	☼	09/27/25 15:54	09/28/25 15:36	1
N-Nitrosodiphenylamine	0.38	U	0.38	0.032	mg/Kg	☼	09/27/25 15:54	09/28/25 15:36	1
Pentachlorophenol	0.31	U	0.31	0.079	mg/Kg	☼	09/27/25 15:54	09/28/25 15:36	1
Phenanthrene	0.38	U	0.38	0.016	mg/Kg	☼	09/27/25 15:54	09/28/25 15:36	1
Phenol	0.38	U	0.38	0.014	mg/Kg	☼	09/27/25 15:54	09/28/25 15:36	1
Pyrene	0.38	U	0.38	0.0096	mg/Kg	☼	09/27/25 15:54	09/28/25 15:36	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
2,4,6-Tribromophenol (Surr)	*59*		*18 - 137*	*09/27/25 15:54*	*09/28/25 15:36*	*1*
2-Fluorobiphenyl	*58*		*33 - 117*	*09/27/25 15:54*	*09/28/25 15:36*	*1*
2-Fluorophenol (Surr)	*59*		*24 - 120*	*09/27/25 15:54*	*09/28/25 15:36*	*1*
Nitrobenzene-d5 (Surr)	*61*		*27 - 120*	*09/27/25 15:54*	*09/28/25 15:36*	*1*
Phenol-d5 (Surr)	*58*		*28 - 118*	*09/27/25 15:54*	*09/28/25 15:36*	*1*
Terphenyl-d14 (Surr)	*73*		*33 - 124*	*09/27/25 15:54*	*09/28/25 15:36*	*1*

Method: SW846 8081B - Organochlorine Pesticides (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
4,4'-DDD	0.0078	U	0.0078	0.0013	mg/Kg	☼	09/27/25 19:28	09/28/25 11:57	1
4,4'-DDE	0.0078	U	0.0078	0.00092	mg/Kg	☼	09/27/25 19:28	09/28/25 11:57	1

Client Sample ID: 54B_4-8
Date Collected: 09/25/25 08:55
Date Received: 09/25/25 16:10

Lab Sample ID: 460-335747-12
Matrix: Solid
Percent Solids: 85.9

Method: SW846 8081B - Organochlorine Pesticides (GC) (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
4,4'-DDT	**0.0053**	**J**	0.0078	0.0014	mg/Kg	☼	09/27/25 19:28	09/28/25 11:57	1
Aldrin	0.0078	U	0.0078	0.0012	mg/Kg	☼	09/27/25 19:28	09/28/25 11:57	1
alpha-BHC	0.0023	U	0.0023	0.00079	mg/Kg	☼	09/27/25 19:28	09/28/25 11:57	1
beta-BHC	0.0023	U	0.0023	0.00087	mg/Kg	☼	09/27/25 19:28	09/28/25 11:57	1
Chlordane (technical)	0.078	U	0.078	0.019	mg/Kg	☼	09/27/25 19:28	09/28/25 11:57	1
cis-Chlordane	0.0078	U	0.0078	0.0012	mg/Kg	☼	09/27/25 19:28	09/28/25 11:57	1
delta-BHC	0.0023	U	0.0023	0.00048	mg/Kg	☼	09/27/25 19:28	09/28/25 11:57	1
Dieldrin	0.0023	U	0.0023	0.0010	mg/Kg	☼	09/27/25 19:28	09/28/25 11:57	1
Endosulfan I	0.0078	U	0.0078	0.0012	mg/Kg	☼	09/27/25 19:28	09/28/25 11:57	1
Endosulfan II	0.0078	U	0.0078	0.0020	mg/Kg	☼	09/27/25 19:28	09/28/25 11:57	1
Endosulfan sulfate	0.0078	U	0.0078	0.00098	mg/Kg	☼	09/27/25 19:28	09/28/25 11:57	1
Endrin	0.0078	U	0.0078	0.0011	mg/Kg	☼	09/27/25 19:28	09/28/25 11:57	1
Endrin aldehyde	0.0078	U	0.0078	0.0018	mg/Kg	☼	09/27/25 19:28	09/28/25 11:57	1
Endrin ketone	0.0078	U	0.0078	0.0015	mg/Kg	☼	09/27/25 19:28	09/28/25 11:57	1
gamma-BHC (Lindane)	0.0023	U	0.0023	0.00072	mg/Kg	☼	09/27/25 19:28	09/28/25 11:57	1
Heptachlor	0.0078	U	0.0078	0.00092	mg/Kg	☼	09/27/25 19:28	09/28/25 11:57	1
Heptachlor epoxide	0.0078	U	0.0078	0.0012	mg/Kg	☼	09/27/25 19:28	09/28/25 11:57	1
Methoxychlor	0.0078	U	0.0078	0.0018	mg/Kg	☼	09/27/25 19:28	09/28/25 11:57	1
Toxaphene	0.078	U	0.078	0.028	mg/Kg	☼	09/27/25 19:28	09/28/25 11:57	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
DCB Decachlorobiphenyl	*79*		*10 - 150*	*09/27/25 19:28*	*09/28/25 11:57*	*1*
DCB Decachlorobiphenyl	*102*		*10 - 150*	*09/27/25 19:28*	*09/28/25 11:57*	*1*
Tetrachloro-m-xylene	*67*		*14 - 150*	*09/27/25 19:28*	*09/28/25 11:57*	*1*
Tetrachloro-m-xylene	*69*		*14 - 150*	*09/27/25 19:28*	*09/28/25 11:57*	*1*

Method: SW846 8082A - Polychlorinated Biphenyls (PCBs) by Gas Chromatography

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Aroclor 1016	0.078	U	0.078	0.021	mg/Kg	☼	09/27/25 19:23	09/28/25 16:00	1
Aroclor 1221	0.078	U	0.078	0.021	mg/Kg	☼	09/27/25 19:23	09/28/25 16:00	1
Aroclor 1232	0.078	U	0.078	0.021	mg/Kg	☼	09/27/25 19:23	09/28/25 16:00	1
Aroclor 1242	0.078	U	0.078	0.021	mg/Kg	☼	09/27/25 19:23	09/28/25 16:00	1
Aroclor 1248	0.078	U	0.078	0.021	mg/Kg	☼	09/27/25 19:23	09/28/25 16:00	1
Aroclor 1254	0.078	U	0.078	0.021	mg/Kg	☼	09/27/25 19:23	09/28/25 16:00	1
Aroclor 1260	0.078	U	0.078	0.021	mg/Kg	☼	09/27/25 19:23	09/28/25 16:00	1
Aroclor-1262	0.078	U	0.078	0.021	mg/Kg	☼	09/27/25 19:23	09/28/25 16:00	1
Aroclor 1268	0.078	U	0.078	0.021	mg/Kg	☼	09/27/25 19:23	09/28/25 16:00	1
Polychlorinated biphenyls, Total	0.078	U	0.078	0.021	mg/Kg	☼	09/27/25 19:23	09/28/25 16:00	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
DCB Decachlorobiphenyl	*108*		*10 - 150*	*09/27/25 19:23*	*09/28/25 16:00*	*1*
DCB Decachlorobiphenyl	*126*		*10 - 150*	*09/27/25 19:23*	*09/28/25 16:00*	*1*
Tetrachloro-m-xylene	*89*		*10 - 150*	*09/27/25 19:23*	*09/28/25 16:00*	*1*
Tetrachloro-m-xylene	*106*		*10 - 150*	*09/27/25 19:23*	*09/28/25 16:00*	*1*

Method: EPA 1633A - Per- and Polyfluoroalkyl Substances by LC/MS/MS, 1633A

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Perfluorobutanoic acid (PFBA)	0.40	U	0.40	0.10	ug/Kg	☼	10/01/25 06:38	10/02/25 05:36	1
Perfluoropentanoic acid (PFPeA)	**0.10**	**J**	0.20	0.10	ug/Kg	☼	10/01/25 06:38	10/02/25 05:36	1
Perfluorohexanoic acid (PFHxA)	**0.11**	**J**	0.20	0.10	ug/Kg	☼	10/01/25 06:38	10/02/25 05:36	1

Client Sample ID: 54B_4-8
Date Collected: 09/25/25 08:55
Date Received: 09/25/25 16:10

Lab Sample ID: 460-335747-12
Matrix: Solid
Percent Solids: 85.9

Method: EPA 1633A - Per- and Polyfluoroalkyl Substances by LC/MS/MS, 1633A (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Perfluoroheptanoic acid (PFHpA)	**0.10**	**J**	0.20	0.10	ug/Kg	☼	10/01/25 06:38	10/02/25 05:36	1
Perfluorooctanoic acid (PFOA)	**0.16**	**J**	0.20	0.060	ug/Kg	☼	10/01/25 06:38	10/02/25 05:36	1
Perfluorononanoic acid (PFNA)	**0.77**		0.20	0.10	ug/Kg	☼	10/01/25 06:38	10/02/25 05:36	1
Perfluorodecanoic acid (PFDA)	**0.47**		0.20	0.060	ug/Kg	☼	10/01/25 06:38	10/02/25 05:36	1
Perfluoroundecanoic acid (PFUnA)	**6.44**		0.20	0.10	ug/Kg	☼	10/01/25 06:38	10/02/25 05:36	1
Perfluorododecanoic acid (PFDoA)	**0.82**		0.20	0.10	ug/Kg	☼	10/01/25 06:38	10/02/25 05:36	1
Perfluorotridecanoic acid (PFTrDA)	**5.22**		0.20	0.10	ug/Kg	☼	10/01/25 06:38	10/02/25 05:36	1
Perfluorotetradecanoic acid (PFTeDA)	**0.24**		0.20	0.10	ug/Kg	☼	10/01/25 06:38	10/02/25 05:36	1
Perfluorobutanesulfonic acid (PFBS)	0.20	U	0.20	0.10	ug/Kg	☼	10/01/25 06:38	10/02/25 05:36	1
Perfluoropentanesulfonic acid (PFPeS)	0.20	U	0.20	0.10	ug/Kg	☼	10/01/25 06:38	10/02/25 05:36	1
Perfluorohexanesulfonic acid (PFHxS)	0.20	U	0.20	0.10	ug/Kg	☼	10/01/25 06:38	10/02/25 05:36	1
Perfluoroheptanesulfonic acid (PFHpS)	0.20	U	0.20	0.10	ug/Kg	☼	10/01/25 06:38	10/02/25 05:36	1
Perfluorooctanesulfonic acid (PFOS)	0.20	U	0.20	0.10	ug/Kg	☼	10/01/25 06:38	10/02/25 05:36	1
Perfluorononanesulfonic acid (PFNS)	0.20	U	0.20	0.10	ug/Kg	☼	10/01/25 06:38	10/02/25 05:36	1
Perfluorodecanesulfonic acid (PFDS)	0.20	U	0.20	0.10	ug/Kg	☼	10/01/25 06:38	10/02/25 05:36	1
Perfluorododecanesulfonic acid (PFDoS)	0.20	U	0.20	0.10	ug/Kg	☼	10/01/25 06:38	10/02/25 05:36	1
1H,1H,2H,2H-Perfluorohexane sulfonic acid (4:2 FTS)	0.40	U	0.40	0.20	ug/Kg	☼	10/01/25 06:38	10/02/25 05:36	1
1H,1H,2H,2H-Perfluorooctane sulfonic acid (6:2 FTS)	**0.55**		0.40	0.20	ug/Kg	☼	10/01/25 06:38	10/02/25 05:36	1
1H,1H,2H,2H-Perfluorodecane sulfonic acid (8:2 FTS)	**2.58**		0.40	0.20	ug/Kg	☼	10/01/25 06:38	10/02/25 05:36	1
Perfluorooctanesulfonamide (PFOSA)	0.20	U	0.20	0.10	ug/Kg	☼	10/01/25 06:38	10/02/25 05:36	1
N-methylperfluorooctane sulfonamide (NMeFOSA)	0.20	U	0.20	0.10	ug/Kg	☼	10/01/25 06:38	10/02/25 05:36	1
N-ethylperfluorooctane sulfonamide (NEtFOSA)	0.20	U	0.20	0.10	ug/Kg	☼	10/01/25 06:38	10/02/25 05:36	1
N-methylperfluorooctanesulfonamidoacetic acid (NMeFOSAA)	0.20	U	0.20	0.10	ug/Kg	☼	10/01/25 06:38	10/02/25 05:36	1
N-ethylperfluorooctanesulfonamidoacetic acid (NEtFOSAA)	0.20	U	0.20	0.10	ug/Kg	☼	10/01/25 06:38	10/02/25 05:36	1
N-methylperfluorooctane sulfonamidoethanol (NMeFOSE)	1.0	U	1.0	0.50	ug/Kg	☼	10/01/25 06:38	10/02/25 05:36	1
N-ethylperfluorooctane sulfonamidoethanol (NEtFOSE)	1.0	U	1.0	0.50	ug/Kg	☼	10/01/25 06:38	10/02/25 05:36	1
Hexafluoropropylene Oxide Dimer Acid (HFPO-DA)	0.20	U	0.20	0.10	ug/Kg	☼	10/01/25 06:38	10/02/25 05:36	1
4,8-Dioxa-3H-perfluorononanoic acid (ADONA)	0.20	U	0.20	0.10	ug/Kg	☼	10/01/25 06:38	10/02/25 05:36	1
Perfluoro-3-methoxypropanoic acid (PFMPA)	0.20	U	0.20	0.10	ug/Kg	☼	10/01/25 06:38	10/02/25 05:36	1
Perfluoro-4-methoxybutanoic acid (PFMBA)	0.20	U	0.20	0.10	ug/Kg	☼	10/01/25 06:38	10/02/25 05:36	1
Nonafluoro-3,6-dioxaheptanoic acid (NFDHA)	0.20	U	0.20	0.10	ug/Kg	☼	10/01/25 06:38	10/02/25 05:36	1
9-Chlorohexadecafluoro-3-oxanonane-1-sulfonic acid (9Cl-PF3ONS)	0.20	U	0.20	0.10	ug/Kg	☼	10/01/25 06:38	10/02/25 05:36	1

Client Sample ID: 54B_4-8
Date Collected: 09/25/25 08:55
Date Received: 09/25/25 16:10

Lab Sample ID: 460-335747-12
Matrix: Solid
Percent Solids: 85.9

Method: EPA 1633A - Per- and Polyfluoroalkyl Substances by LC/MS/MS, 1633A (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
11-Chloroeicosafluoro-3-oxaundecane-1-sulfonic acid (11Cl-PF3OUdS)	0.20	U	0.20	0.10	ug/Kg	☼	10/01/25 06:38	10/02/25 05:36	1
Perfluoro (2-ethoxyethane) sulfonic acid (PFEESA)	0.20	U	0.20	0.10	ug/Kg	☼	10/01/25 06:38	10/02/25 05:36	1
3-Perfluoropropylpropanoic acid (3:3 FTCA)	0.40	U	0.40	0.20	ug/Kg	☼	10/01/25 06:38	10/02/25 05:36	1
3-Perfluoropentylpropanoic acid (5:3 FTCA)	1.0	U	1.0	0.50	ug/Kg	☼	10/01/25 06:38	10/02/25 05:36	1
3-Perfluoroheptylpropanoic acid (7:3 FTCA)	**0.86**	**J**	1.0	0.50	ug/Kg	☼	10/01/25 06:38	10/02/25 05:36	1

Isotope Dilution	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
13C4 PFBA	*106*		*8 - 130*	*10/01/25 06:38*	*10/02/25 05:36*	*1*
13C5 PFPeA	*91.4*		*35 - 130*	*10/01/25 06:38*	*10/02/25 05:36*	*1*
13C5 PFHxA	*93.8*		*40 - 130*	*10/01/25 06:38*	*10/02/25 05:36*	*1*
13C4 PFHpA	*92.3*		*40 - 130*	*10/01/25 06:38*	*10/02/25 05:36*	*1*
13C8 PFOA	*97.9*		*40 - 130*	*10/01/25 06:38*	*10/02/25 05:36*	*1*
13C9 PFNA	*92.0*		*40 - 130*	*10/01/25 06:38*	*10/02/25 05:36*	*1*
13C6 PFDA	*84.4*		*40 - 130*	*10/01/25 06:38*	*10/02/25 05:36*	*1*
13C7 PFUnA	*75.7*		*40 - 130*	*10/01/25 06:38*	*10/02/25 05:36*	*1*
13C2 PFTeDA	*66.6*		*20 - 130*	*10/01/25 06:38*	*10/02/25 05:36*	*1*
13C3 PFBS	*91.4*		*40 - 135*	*10/01/25 06:38*	*10/02/25 05:36*	*1*
13C3 PFHxS	*90.3*		*40 - 130*	*10/01/25 06:38*	*10/02/25 05:36*	*1*
13C8 PFOS	*83.0*		*40 - 130*	*10/01/25 06:38*	*10/02/25 05:36*	*1*
13C8 FOSA	*92.3*		*40 - 130*	*10/01/25 06:38*	*10/02/25 05:36*	*1*
d3-NMeFOSAA	*94.5*		*40 - 135*	*10/01/25 06:38*	*10/02/25 05:36*	*1*
d5-NEtFOSAA	*86.4*		*40 - 150*	*10/01/25 06:38*	*10/02/25 05:36*	*1*
13C2 4:2 FTS	*104*		*40 - 165*	*10/01/25 06:38*	*10/02/25 05:36*	*1*
13C2 6:2 FTS	*119*		*40 - 215*	*10/01/25 06:38*	*10/02/25 05:36*	*1*
13C2 8:2 FTS	*103*		*40 - 275*	*10/01/25 06:38*	*10/02/25 05:36*	*1*
13C3 HFPO-DA	*89.5*		*40 - 130*	*10/01/25 06:38*	*10/02/25 05:36*	*1*
d7-N-MeFOSE-M	*45.8*		*20 - 130*	*10/01/25 06:38*	*10/02/25 05:36*	*1*
d9-N-EtFOSE-M	*37.7*		*15 - 130*	*10/01/25 06:38*	*10/02/25 05:36*	*1*
d5-NEtPFOSA	*71.3*		*10 - 130*	*10/01/25 06:38*	*10/02/25 05:36*	*1*
d3-NMePFOSA	*86.0*		*10 - 130*	*10/01/25 06:38*	*10/02/25 05:36*	*1*
13C2 PFDoA	*78.5*		*40 - 130*	*10/01/25 06:38*	*10/02/25 05:36*	*1*

Method: SW846 6020B - Metals (ICP/MS)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Aluminum	**5650**		22.0	6.0	mg/Kg	☼	10/01/25 08:03	10/01/25 20:11	1
Antimony	**1.1**		1.1	0.16	mg/Kg	☼	10/01/25 08:03	10/01/25 20:11	1
Arsenic	**8.7**		1.1	0.11	mg/Kg	☼	10/01/25 08:03	10/01/25 20:11	1
Barium	**47.8**		2.2	0.16	mg/Kg	☼	10/01/25 08:03	10/01/25 20:11	1
Beryllium	**0.50**		0.44	0.024	mg/Kg	☼	10/01/25 08:03	10/01/25 20:11	1
Cadmium	**0.28**	**J**	1.1	0.12	mg/Kg	☼	10/01/25 08:03	10/01/25 20:11	1
Calcium	**1090**		110	10.7	mg/Kg	☼	10/01/25 08:03	10/01/25 20:11	1
Chromium	**18.0**		2.2	0.33	mg/Kg	☼	10/01/25 08:03	10/01/25 20:11	1
Cobalt	**5.7**		1.1	0.16	mg/Kg	☼	10/01/25 08:03	10/01/25 20:11	1
Copper	**56.8**		2.2	0.40	mg/Kg	☼	10/01/25 08:03	10/01/25 20:11	1
Iron	**22200**		65.9	8.4	mg/Kg	☼	10/01/25 08:03	10/01/25 20:11	1
Lead	**167**		0.66	0.22	mg/Kg	☼	10/01/25 08:03	10/01/25 20:11	1
Magnesium	**1680**		110	11.2	mg/Kg	☼	10/01/25 08:03	10/01/25 20:11	1

Client Sample ID: 54B_4-8

Date Collected: 09/25/25 08:55
Date Received: 09/25/25 16:10

Lab Sample ID: 460-335747-12

Matrix: Solid
Percent Solids: 85.9

Method: SW846 6020B - Metals (ICP/MS) (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Manganese	182		4.4	0.44	mg/Kg	☼	10/01/25 08:03	10/01/25 20:11	1
Nickel	62.9		2.2	0.19	mg/Kg	☼	10/01/25 08:03	10/01/25 20:11	1
Potassium	798		110	17.8	mg/Kg	☼	10/01/25 08:03	10/01/25 20:11	1
Selenium	0.50	J	1.4	0.14	mg/Kg	☼	10/01/25 08:03	10/01/25 20:11	1
Silver	0.35	J	0.44	0.098	mg/Kg	☼	10/01/25 08:03	10/01/25 20:11	1
Sodium	75.8	J	110	50.2	mg/Kg	☼	10/01/25 08:03	10/01/25 20:11	1
Thallium	0.070	J	0.44	0.045	mg/Kg	☼	10/01/25 08:03	10/01/25 20:11	1
Vanadium	24.8		2.2	0.23	mg/Kg	☼	10/01/25 08:03	10/01/25 20:11	1
Zinc	111		8.8	1.2	mg/Kg	☼	10/01/25 08:03	10/01/25 20:11	1

Method: SW846 7471B - Mercury (CVAA)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	0.043		0.018	0.0083	mg/Kg	☼	10/01/25 02:19	10/01/25 19:22	1

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Percent Moisture (EPA Moisture)	14.1		1.0	1.0	%			09/30/25 17:39	1
Percent Solids (EPA Moisture)	85.9		1.0	1.0	%			09/30/25 17:39	1

Client Sample ID: 54C_0-4

Date Collected: 09/25/25 09:00
Date Received: 09/25/25 16:10

Lab Sample ID: 460-335747-13

Matrix: Solid
Percent Solids: 91.4

Method: SW846 8270E - Semivolatile Organic Compounds (GC/MS)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1'-Biphenyl	0.36	U	0.36	0.012	mg/Kg	☼	09/27/25 15:54	09/28/25 15:54	1
1,2,4,5-Tetrachlorobenzene	0.36	U	0.36	0.011	mg/Kg	☼	09/27/25 15:54	09/28/25 15:54	1
1,4-Dioxane	0.036	U	0.036	0.031	mg/Kg	☼	09/27/25 15:54	09/28/25 15:54	1
2,2'-oxybis[1-chloropropane]	0.36	U	0.36	0.021	mg/Kg	☼	09/27/25 15:54	09/28/25 15:54	1
2,3,4,6-Tetrachlorophenol	0.36	U	0.36	0.024	mg/Kg	☼	09/27/25 15:54	09/28/25 15:54	1
2,4,5-Trichlorophenol	0.36	U	0.36	0.036	mg/Kg	☼	09/27/25 15:54	09/28/25 15:54	1
2,4,6-Trichlorophenol	0.14	U	0.14	0.046	mg/Kg	☼	09/27/25 15:54	09/28/25 15:54	1
2,4-Dichlorophenol	0.14	U	0.14	0.023	mg/Kg	☼	09/27/25 15:54	09/28/25 15:54	1
2,4-Dimethylphenol	0.36	U	0.36	0.043	mg/Kg	☼	09/27/25 15:54	09/28/25 15:54	1
2,4-Dinitrophenol	0.29	U	0.29	0.18	mg/Kg	☼	09/27/25 15:54	09/28/25 15:54	1
2,4-Dinitrotoluene	0.073	U	0.073	0.039	mg/Kg	☼	09/27/25 15:54	09/28/25 15:54	1
2,6-Dinitrotoluene	0.073	U	0.073	0.026	mg/Kg	☼	09/27/25 15:54	09/28/25 15:54	1
2-Chloronaphthalene	0.36	U	0.36	0.046	mg/Kg	☼	09/27/25 15:54	09/28/25 15:54	1
2-Chlorophenol	0.36	U	0.36	0.013	mg/Kg	☼	09/27/25 15:54	09/28/25 15:54	1
2-Methylnaphthalene	0.36	U	0.36	0.010	mg/Kg	☼	09/27/25 15:54	09/28/25 15:54	1
2-Methylphenol	0.36	U	0.36	0.013	mg/Kg	☼	09/27/25 15:54	09/28/25 15:54	1
2-Nitroaniline	0.36	U	0.36	0.027	mg/Kg	☼	09/27/25 15:54	09/28/25 15:54	1
2-Nitrophenol	0.36	U	0.36	0.036	mg/Kg	☼	09/27/25 15:54	09/28/25 15:54	1
3 & 4 Methylphenol	0.36	U	0.36	0.022	mg/Kg	☼	09/27/25 15:54	09/28/25 15:54	1
3,3'-Dichlorobenzidine	0.14	U	0.14	0.054	mg/Kg	☼	09/27/25 15:54	09/28/25 15:54	1
3-Nitroaniline	0.36	U	0.36	0.085	mg/Kg	☼	09/27/25 15:54	09/28/25 15:54	1
4,6-Dinitro-2-methylphenol	0.29	U	0.29	0.15	mg/Kg	☼	09/27/25 15:54	09/28/25 15:54	1
4-Bromophenyl phenyl ether	0.36	U	0.36	0.014	mg/Kg	☼	09/27/25 15:54	09/28/25 15:54	1
4-Chloro-3-methylphenol	0.36	U	0.36	0.020	mg/Kg	☼	09/27/25 15:54	09/28/25 15:54	1
4-Chloroaniline	0.36	U	0.36	0.064	mg/Kg	☼	09/27/25 15:54	09/28/25 15:54	1

Client Sample ID: 54C_0-4
Date Collected: 09/25/25 09:00
Date Received: 09/25/25 16:10

Lab Sample ID: 460-335747-13
Matrix: Solid
Percent Solids: 91.4

Method: SW846 8270E - Semivolatile Organic Compounds (GC/MS) (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
4-Chlorophenyl phenyl ether	0.36	U	0.36	0.013	mg/Kg	☼	09/27/25 15:54	09/28/25 15:54	1
4-Methylphenol	0.36	U	0.36	0.022	mg/Kg	☼	09/27/25 15:54	09/28/25 15:54	1
4-Nitroaniline	0.36	U	0.36	0.091	mg/Kg	☼	09/27/25 15:54	09/28/25 15:54	1
4-Nitrophenol	0.73	U	0.73	0.058	mg/Kg	☼	09/27/25 15:54	09/28/25 15:54	1
Acenaphthene	0.36	U	0.36	0.010	mg/Kg	☼	09/27/25 15:54	09/28/25 15:54	1
Acenaphthylene	0.36	U	0.36	0.010	mg/Kg	☼	09/27/25 15:54	09/28/25 15:54	1
Acetophenone	0.36	U	0.36	0.018	mg/Kg	☼	09/27/25 15:54	09/28/25 15:54	1
Anthracene	0.36	U	0.36	0.011	mg/Kg	☼	09/27/25 15:54	09/28/25 15:54	1
Atrazine	0.14	U *	0.14	0.021	mg/Kg	☼	09/27/25 15:54	09/28/25 15:54	1
Benzaldehyde	0.36	U	0.36	0.059	mg/Kg	☼	09/27/25 15:54	09/28/25 15:54	1
Benzo[a]anthracene	0.036	U	0.036	0.027	mg/Kg	☼	09/27/25 15:54	09/28/25 15:54	1
Benzo[a]pyrene	0.036	U	0.036	0.0095	mg/Kg	☼	09/27/25 15:54	09/28/25 15:54	1
Benzo[b]fluoranthene	0.036	U	0.036	0.0093	mg/Kg	☼	09/27/25 15:54	09/28/25 15:54	1
Benzo[g,h,i]perylene	0.36	U	0.36	0.011	mg/Kg	☼	09/27/25 15:54	09/28/25 15:54	1
Benzo[k]fluoranthene	0.036	U	0.036	0.0070	mg/Kg	☼	09/27/25 15:54	09/28/25 15:54	1
Bis(2-chloroethoxy)methane	0.36	U	0.36	0.066	mg/Kg	☼	09/27/25 15:54	09/28/25 15:54	1
Bis(2-chloroethyl)ether	0.036	U	0.036	0.012	mg/Kg	☼	09/27/25 15:54	09/28/25 15:54	1
Bis(2-ethylhexyl) phthalate	0.36	U	0.36	0.019	mg/Kg	☼	09/27/25 15:54	09/28/25 15:54	1
Butyl benzyl phthalate	0.36	U	0.36	0.017	mg/Kg	☼	09/27/25 15:54	09/28/25 15:54	1
Caprolactam	0.36	U *	0.36	0.056	mg/Kg	☼	09/27/25 15:54	09/28/25 15:54	1
Carbazole	0.36	U	0.36	0.014	mg/Kg	☼	09/27/25 15:54	09/28/25 15:54	1
Chrysene	0.36	U	0.36	0.015	mg/Kg	☼	09/27/25 15:54	09/28/25 15:54	1
Dibenz(a,h)anthracene	0.036	U	0.036	0.016	mg/Kg	☼	09/27/25 15:54	09/28/25 15:54	1
Dibenzofuran	0.36	U	0.36	0.012	mg/Kg	☼	09/27/25 15:54	09/28/25 15:54	1
Diethyl phthalate	0.36	U	0.36	0.012	mg/Kg	☼	09/27/25 15:54	09/28/25 15:54	1
Dimethyl phthalate	0.36	U	0.36	0.081	mg/Kg	☼	09/27/25 15:54	09/28/25 15:54	1
Di-n-butyl phthalate	0.36	U	0.36	0.013	mg/Kg	☼	09/27/25 15:54	09/28/25 15:54	1
Di-n-octyl phthalate	0.36	U	0.36	0.019	mg/Kg	☼	09/27/25 15:54	09/28/25 15:54	1
Fluoranthene	0.36	U	0.36	0.013	mg/Kg	☼	09/27/25 15:54	09/28/25 15:54	1
Fluorene	0.36	U	0.36	0.010	mg/Kg	☼	09/27/25 15:54	09/28/25 15:54	1
Hexachlorobenzene	0.036	U	0.036	0.017	mg/Kg	☼	09/27/25 15:54	09/28/25 15:54	1
Hexachlorobutadiene	0.073	U	0.073	0.0076	mg/Kg	☼	09/27/25 15:54	09/28/25 15:54	1
Hexachlorocyclopentadiene	0.36	U	0.36	0.031	mg/Kg	☼	09/27/25 15:54	09/28/25 15:54	1
Hexachloroethane	0.036	U	0.036	0.012	mg/Kg	☼	09/27/25 15:54	09/28/25 15:54	1
Indeno[1,2,3-cd]pyrene	0.036	U	0.036	0.014	mg/Kg	☼	09/27/25 15:54	09/28/25 15:54	1
Isophorone	0.14	U	0.14	0.10	mg/Kg	☼	09/27/25 15:54	09/28/25 15:54	1
Naphthalene	0.36	U	0.36	0.0062	mg/Kg	☼	09/27/25 15:54	09/28/25 15:54	1
Nitrobenzene	0.036	U	0.036	0.020	mg/Kg	☼	09/27/25 15:54	09/28/25 15:54	1
N-Nitrosodi-n-propylamine	0.036	U	0.036	0.026	mg/Kg	☼	09/27/25 15:54	09/28/25 15:54	1
N-Nitrosodiphenylamine	0.36	U	0.36	0.029	mg/Kg	☼	09/27/25 15:54	09/28/25 15:54	1
Pentachlorophenol	0.29	U	0.29	0.073	mg/Kg	☼	09/27/25 15:54	09/28/25 15:54	1
Phenanthrene	0.36	U	0.36	0.015	mg/Kg	☼	09/27/25 15:54	09/28/25 15:54	1
Phenol	0.36	U	0.36	0.013	mg/Kg	☼	09/27/25 15:54	09/28/25 15:54	1
Pyrene	0.36	U	0.36	0.0089	mg/Kg	☼	09/27/25 15:54	09/28/25 15:54	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
2,4,6-Tribromophenol (Surr)	*72*		*18 - 137*	*09/27/25 15:54*	*09/28/25 15:54*	*1*
2-Fluorobiphenyl	*73*		*33 - 117*	*09/27/25 15:54*	*09/28/25 15:54*	*1*
2-Fluorophenol (Surr)	*75*		*24 - 120*	*09/27/25 15:54*	*09/28/25 15:54*	*1*
Nitrobenzene-d5 (Surr)	*75*		*27 - 120*	*09/27/25 15:54*	*09/28/25 15:54*	*1*

Client Sample ID: 54C_0-4

Date Collected: 09/25/25 09:00
Date Received: 09/25/25 16:10

Lab Sample ID: 460-335747-13

Matrix: Solid
Percent Solids: 91.4

Method: SW846 8270E - Semivolatile Organic Compounds (GC/MS) (Continued)

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
Phenol-d5 (Surr)	*71*		*28 - 118*	*09/27/25 15:54*	*09/28/25 15:54*	*1*
Terphenyl-d14 (Surr)	*81*		*33 - 124*	*09/27/25 15:54*	*09/28/25 15:54*	*1*

Method: SW846 8081B - Organochlorine Pesticides (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
4,4'-DDD	0.0073	U	0.0073	0.0012	mg/Kg	☼	09/27/25 19:28	09/28/25 12:10	1
4,4'-DDE	0.0073	U	0.0073	0.00086	mg/Kg	☼	09/27/25 19:28	09/28/25 12:10	1
4,4'-DDT	**0.0022**	**J**	0.0073	0.0013	mg/Kg	☼	09/27/25 19:28	09/28/25 12:10	1
Aldrin	0.0073	U	0.0073	0.0011	mg/Kg	☼	09/27/25 19:28	09/28/25 12:10	1
alpha-BHC	0.0022	U	0.0022	0.00074	mg/Kg	☼	09/27/25 19:28	09/28/25 12:10	1
beta-BHC	0.0022	U	0.0022	0.00082	mg/Kg	☼	09/27/25 19:28	09/28/25 12:10	1
Chlordane (technical)	0.073	U	0.073	0.018	mg/Kg	☼	09/27/25 19:28	09/28/25 12:10	1
cis-Chlordane	0.0073	U	0.0073	0.0012	mg/Kg	☼	09/27/25 19:28	09/28/25 12:10	1
delta-BHC	0.0022	U	0.0022	0.00045	mg/Kg	☼	09/27/25 19:28	09/28/25 12:10	1
Dieldrin	0.0022	U	0.0022	0.00095	mg/Kg	☼	09/27/25 19:28	09/28/25 12:10	1
Endosulfan I	0.0073	U	0.0073	0.0011	mg/Kg	☼	09/27/25 19:28	09/28/25 12:10	1
Endosulfan II	0.0073	U	0.0073	0.0019	mg/Kg	☼	09/27/25 19:28	09/28/25 12:10	1
Endosulfan sulfate	0.0073	U	0.0073	0.00092	mg/Kg	☼	09/27/25 19:28	09/28/25 12:10	1
Endrin	0.0073	U	0.0073	0.0011	mg/Kg	☼	09/27/25 19:28	09/28/25 12:10	1
Endrin aldehyde	0.0073	U	0.0073	0.0017	mg/Kg	☼	09/27/25 19:28	09/28/25 12:10	1
Endrin ketone	0.0073	U	0.0073	0.0014	mg/Kg	☼	09/27/25 19:28	09/28/25 12:10	1
gamma-BHC (Lindane)	0.0022	U	0.0022	0.00068	mg/Kg	☼	09/27/25 19:28	09/28/25 12:10	1
Heptachlor	0.0073	U	0.0073	0.00086	mg/Kg	☼	09/27/25 19:28	09/28/25 12:10	1
Heptachlor epoxide	0.0073	U	0.0073	0.0011	mg/Kg	☼	09/27/25 19:28	09/28/25 12:10	1
Methoxychlor	0.0073	U	0.0073	0.0017	mg/Kg	☼	09/27/25 19:28	09/28/25 12:10	1
Toxaphene	0.073	U	0.073	0.026	mg/Kg	☼	09/27/25 19:28	09/28/25 12:10	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
DCB Decachlorobiphenyl	*76*		*10 - 150*	*09/27/25 19:28*	*09/28/25 12:10*	*1*
DCB Decachlorobiphenyl	*97*		*10 - 150*	*09/27/25 19:28*	*09/28/25 12:10*	*1*
Tetrachloro-m-xylene	*64*		*14 - 150*	*09/27/25 19:28*	*09/28/25 12:10*	*1*
Tetrachloro-m-xylene	*66*		*14 - 150*	*09/27/25 19:28*	*09/28/25 12:10*	*1*

Method: SW846 8082A - Polychlorinated Biphenyls (PCBs) by Gas Chromatography

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Aroclor 1016	0.073	U	0.073	0.019	mg/Kg	☼	09/27/25 19:23	09/28/25 16:18	1
Aroclor 1221	0.073	U	0.073	0.019	mg/Kg	☼	09/27/25 19:23	09/28/25 16:18	1
Aroclor 1232	0.073	U	0.073	0.019	mg/Kg	☼	09/27/25 19:23	09/28/25 16:18	1
Aroclor 1242	0.073	U	0.073	0.019	mg/Kg	☼	09/27/25 19:23	09/28/25 16:18	1
Aroclor 1248	0.073	U	0.073	0.019	mg/Kg	☼	09/27/25 19:23	09/28/25 16:18	1
Aroclor 1254	0.073	U	0.073	0.019	mg/Kg	☼	09/27/25 19:23	09/28/25 16:18	1
Aroclor 1260	0.073	U	0.073	0.019	mg/Kg	☼	09/27/25 19:23	09/28/25 16:18	1
Aroclor-1262	0.073	U	0.073	0.019	mg/Kg	☼	09/27/25 19:23	09/28/25 16:18	1
Aroclor 1268	0.073	U	0.073	0.019	mg/Kg	☼	09/27/25 19:23	09/28/25 16:18	1
Polychlorinated biphenyls, Total	0.073	U	0.073	0.019	mg/Kg	☼	09/27/25 19:23	09/28/25 16:18	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
DCB Decachlorobiphenyl	*99*		*10 - 150*	*09/27/25 19:23*	*09/28/25 16:18*	*1*
DCB Decachlorobiphenyl	*122*		*10 - 150*	*09/27/25 19:23*	*09/28/25 16:18*	*1*
Tetrachloro-m-xylene	*79*		*10 - 150*	*09/27/25 19:23*	*09/28/25 16:18*	*1*

Client: Haley & Aldrich, Inc.
Project/Site: Former Port Mobil

Job ID: 460-335747-1

Client Sample ID: 54C_0-4
Date Collected: 09/25/25 09:00
Date Received: 09/25/25 16:10

Lab Sample ID: 460-335747-13
Matrix: Solid
Percent Solids: 91.4

Method: SW846 8082A - Polychlorinated Biphenyls (PCBs) by Gas Chromatography (Continued)

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
Tetrachloro-m-xylene	*93*		*10 - 150*	*09/27/25 19:23*	*09/28/25 16:18*	*1*

Method: EPA 1633A - Per- and Polyfluoroalkyl Substances by LC/MS/MS, 1633A

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Perfluorobutanoic acid (PFBA)	0.40	U	0.40	0.10	ug/Kg	☼	10/01/25 06:38	10/02/25 05:50	1
Perfluoropentanoic acid (PFPeA)	0.20	U	0.20	0.10	ug/Kg	☼	10/01/25 06:38	10/02/25 05:50	1
Perfluorohexanoic acid (PFHxA)	0.20	U	0.20	0.10	ug/Kg	☼	10/01/25 06:38	10/02/25 05:50	1
Perfluoroheptanoic acid (PFHpA)	0.20	U	0.20	0.10	ug/Kg	☼	10/01/25 06:38	10/02/25 05:50	1
Perfluorooctanoic acid (PFOA)	**0.11**	**J**	0.20	0.060	ug/Kg	☼	10/01/25 06:38	10/02/25 05:50	1
Perfluorononanoic acid (PFNA)	**0.27**		0.20	0.10	ug/Kg	☼	10/01/25 06:38	10/02/25 05:50	1
Perfluorodecanoic acid (PFDA)	**0.50**		0.20	0.060	ug/Kg	☼	10/01/25 06:38	10/02/25 05:50	1
Perfluoroundecanoic acid (PFUnA)	**2.94**		0.20	0.10	ug/Kg	☼	10/01/25 06:38	10/02/25 05:50	1
Perfluorododecanoic acid (PFDoA)	**0.70**		0.20	0.10	ug/Kg	☼	10/01/25 06:38	10/02/25 05:50	1
Perfluorotridecanoic acid (PFTrDA)	**2.91**		0.20	0.10	ug/Kg	☼	10/01/25 06:38	10/02/25 05:50	1
Perfluorotetradecanoic acid (PFTeDA)	**0.26**		0.20	0.10	ug/Kg	☼	10/01/25 06:38	10/02/25 05:50	1
Perfluorobutanesulfonic acid (PFBS)	0.20	U	0.20	0.10	ug/Kg	☼	10/01/25 06:38	10/02/25 05:50	1
Perfluoropentanesulfonic acid (PFPeS)	0.20	U	0.20	0.10	ug/Kg	☼	10/01/25 06:38	10/02/25 05:50	1
Perfluorohexanesulfonic acid (PFHxS)	0.20	U	0.20	0.10	ug/Kg	☼	10/01/25 06:38	10/02/25 05:50	1
Perfluoroheptanesulfonic acid (PFHpS)	0.20	U	0.20	0.10	ug/Kg	☼	10/01/25 06:38	10/02/25 05:50	1
Perfluorooctanesulfonic acid (PFOS)	0.20	U	0.20	0.10	ug/Kg	☼	10/01/25 06:38	10/02/25 05:50	1
Perfluorononanesulfonic acid (PFNS)	0.20	U	0.20	0.10	ug/Kg	☼	10/01/25 06:38	10/02/25 05:50	1
Perfluorodecanesulfonic acid (PFDS)	0.20	U	0.20	0.10	ug/Kg	☼	10/01/25 06:38	10/02/25 05:50	1
Perfluorododecanesulfonic acid (PFDoS)	0.20	U	0.20	0.10	ug/Kg	☼	10/01/25 06:38	10/02/25 05:50	1
1H,1H,2H,2H-Perfluorohexane sulfonic acid (4:2 FTS)	0.40	U	0.40	0.20	ug/Kg	☼	10/01/25 06:38	10/02/25 05:50	1
1H,1H,2H,2H-Perfluorooctane sulfonic acid (6:2 FTS)	**0.35**	**J**	0.40	0.20	ug/Kg	☼	10/01/25 06:38	10/02/25 05:50	1
1H,1H,2H,2H-Perfluorodecane sulfonic acid (8:2 FTS)	**2.02**		0.40	0.20	ug/Kg	☼	10/01/25 06:38	10/02/25 05:50	1
Perfluorooctanesulfonamide (PFOSA)	0.20	U	0.20	0.10	ug/Kg	☼	10/01/25 06:38	10/02/25 05:50	1
N-methylperfluorooctane sulfonamide (NMeFOSA)	0.20	U	0.20	0.10	ug/Kg	☼	10/01/25 06:38	10/02/25 05:50	1
N-ethylperfluorooctane sulfonamide (NEtFOSA)	0.20	U	0.20	0.10	ug/Kg	☼	10/01/25 06:38	10/02/25 05:50	1
N-methylperfluorooctanesulfonamidoacetic acid (NMeFOSAA)	0.20	U	0.20	0.10	ug/Kg	☼	10/01/25 06:38	10/02/25 05:50	1
N-ethylperfluorooctanesulfonamidoacetic acid (NEtFOSAA)	0.20	U	0.20	0.10	ug/Kg	☼	10/01/25 06:38	10/02/25 05:50	1
N-methylperfluorooctane sulfonamidoethanol (NMeFOSE)	1.0	U	1.0	0.50	ug/Kg	☼	10/01/25 06:38	10/02/25 05:50	1
N-ethylperfluorooctane sulfonamidoethanol (NEtFOSE)	1.0	U	1.0	0.50	ug/Kg	☼	10/01/25 06:38	10/02/25 05:50	1
Hexafluoropropylene Oxide Dimer Acid (HFPO-DA)	0.20	U	0.20	0.10	ug/Kg	☼	10/01/25 06:38	10/02/25 05:50	1
4,8-Dioxa-3H-perfluorononanoic acid (ADONA)	0.20	U	0.20	0.10	ug/Kg	☼	10/01/25 06:38	10/02/25 05:50	1

Client Sample ID: 54C_0-4
Date Collected: 09/25/25 09:00
Date Received: 09/25/25 16:10

Lab Sample ID: 460-335747-13
Matrix: Solid
Percent Solids: 91.4

Method: EPA 1633A - Per- and Polyfluoroalkyl Substances by LC/MS/MS, 1633A (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Perfluoro-3-methoxypropanoic acid (PFMPA)	0.20	U	0.20	0.10	ug/Kg	☼	10/01/25 06:38	10/02/25 05:50	1
Perfluoro-4-methoxybutanoic acid (PFMBA)	0.20	U	0.20	0.10	ug/Kg	☼	10/01/25 06:38	10/02/25 05:50	1
Nonafluoro-3,6-dioxaheptanoic acid (NFDHA)	0.20	U	0.20	0.10	ug/Kg	☼	10/01/25 06:38	10/02/25 05:50	1
9-Chlorohexadecafluoro-3-oxanonane-1-sulfonic acid (9Cl-PF3ONS)	0.20	U	0.20	0.10	ug/Kg	☼	10/01/25 06:38	10/02/25 05:50	1
11-Chloroeicosafluoro-3-oxaundecane-1-sulfonic acid (11Cl-PF3OUdS)	0.20	U	0.20	0.10	ug/Kg	☼	10/01/25 06:38	10/02/25 05:50	1
Perfluoro (2-ethoxyethane) sulfonic acid (PFEESA)	0.20	U	0.20	0.10	ug/Kg	☼	10/01/25 06:38	10/02/25 05:50	1
3-Perfluoropropylpropanoic acid (3:3 FTCA)	0.40	U	0.40	0.20	ug/Kg	☼	10/01/25 06:38	10/02/25 05:50	1
3-Perfluoropentylpropanoic acid (5:3 FTCA)	1.0	U	1.0	0.50	ug/Kg	☼	10/01/25 06:38	10/02/25 05:50	1
3-Perfluoroheptylpropanoic acid (7:3 FTCA)	**0.58**	**J**	1.0	0.50	ug/Kg	☼	10/01/25 06:38	10/02/25 05:50	1

Isotope Dilution	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
13C4 PFBA	*104*		*8 - 130*	*10/01/25 06:38*	*10/02/25 05:50*	*1*
13C5 PFPeA	*90.5*		*35 - 130*	*10/01/25 06:38*	*10/02/25 05:50*	*1*
13C5 PFHxA	*95.9*		*40 - 130*	*10/01/25 06:38*	*10/02/25 05:50*	*1*
13C4 PFHpA	*92.1*		*40 - 130*	*10/01/25 06:38*	*10/02/25 05:50*	*1*
13C8 PFOA	*96.2*		*40 - 130*	*10/01/25 06:38*	*10/02/25 05:50*	*1*
13C9 PFNA	*94.7*		*40 - 130*	*10/01/25 06:38*	*10/02/25 05:50*	*1*
13C6 PFDA	*90.3*		*40 - 130*	*10/01/25 06:38*	*10/02/25 05:50*	*1*
13C7 PFUnA	*83.4*		*40 - 130*	*10/01/25 06:38*	*10/02/25 05:50*	*1*
13C2 PFTeDA	*60.3*		*20 - 130*	*10/01/25 06:38*	*10/02/25 05:50*	*1*
13C3 PFBS	*83.9*		*40 - 135*	*10/01/25 06:38*	*10/02/25 05:50*	*1*
13C3 PFHxS	*89.4*		*40 - 130*	*10/01/25 06:38*	*10/02/25 05:50*	*1*
13C8 PFOS	*84.5*		*40 - 130*	*10/01/25 06:38*	*10/02/25 05:50*	*1*
13C8 FOSA	*97.3*		*40 - 130*	*10/01/25 06:38*	*10/02/25 05:50*	*1*
d3-NMeFOSAA	*95.3*		*40 - 135*	*10/01/25 06:38*	*10/02/25 05:50*	*1*
d5-NEtFOSAA	*87.2*		*40 - 150*	*10/01/25 06:38*	*10/02/25 05:50*	*1*
13C2 4:2 FTS	*103*		*40 - 165*	*10/01/25 06:38*	*10/02/25 05:50*	*1*
13C2 6:2 FTS	*107*		*40 - 215*	*10/01/25 06:38*	*10/02/25 05:50*	*1*
13C2 8:2 FTS	*96.8*		*40 - 275*	*10/01/25 06:38*	*10/02/25 05:50*	*1*
13C3 HFPO-DA	*88.6*		*40 - 130*	*10/01/25 06:38*	*10/02/25 05:50*	*1*
d7-N-MeFOSE-M	*46.0*		*20 - 130*	*10/01/25 06:38*	*10/02/25 05:50*	*1*
d9-N-EtFOSE-M	*39.8*		*15 - 130*	*10/01/25 06:38*	*10/02/25 05:50*	*1*
d5-NEtPFOSA	*73.1*		*10 - 130*	*10/01/25 06:38*	*10/02/25 05:50*	*1*
d3-NMePFOSA	*85.2*		*10 - 130*	*10/01/25 06:38*	*10/02/25 05:50*	*1*
13C2 PFDoA	*83.1*		*40 - 130*	*10/01/25 06:38*	*10/02/25 05:50*	*1*

Method: SW846 6020B - Metals (ICP/MS)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Aluminum	**4710**		19.9	5.5	mg/Kg	☼	10/01/25 08:03	10/01/25 20:14	1
Antimony	**0.75**	**J**	0.99	0.15	mg/Kg	☼	10/01/25 08:03	10/01/25 20:14	1
Arsenic	**7.1**		0.99	0.10	mg/Kg	☼	10/01/25 08:03	10/01/25 20:14	1
Barium	**38.8**		2.0	0.14	mg/Kg	☼	10/01/25 08:03	10/01/25 20:14	1
Beryllium	**0.45**		0.40	0.022	mg/Kg	☼	10/01/25 08:03	10/01/25 20:14	1
Cadmium	**0.23**	**J**	0.99	0.11	mg/Kg	☼	10/01/25 08:03	10/01/25 20:14	1

Client Sample ID: 54C_0-4

Date Collected: 09/25/25 09:00
Date Received: 09/25/25 16:10

Lab Sample ID: 460-335747-13

Matrix: Solid
Percent Solids: 91.4

Method: SW846 6020B - Metals (ICP/MS) (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Calcium	691		99.5	9.7	mg/Kg	☼	10/01/25 08:03	10/01/25 20:14	1
Chromium	14.1		2.0	0.30	mg/Kg	☼	10/01/25 08:03	10/01/25 20:14	1
Cobalt	3.9		0.99	0.15	mg/Kg	☼	10/01/25 08:03	10/01/25 20:14	1
Copper	35.6		2.0	0.37	mg/Kg	☼	10/01/25 08:03	10/01/25 20:14	1
Iron	15700		59.7	7.6	mg/Kg	☼	10/01/25 08:03	10/01/25 20:14	1
Lead	118		0.60	0.20	mg/Kg	☼	10/01/25 08:03	10/01/25 20:14	1
Magnesium	1300		99.5	10.1	mg/Kg	☼	10/01/25 08:03	10/01/25 20:14	1
Manganese	206		4.0	0.40	mg/Kg	☼	10/01/25 08:03	10/01/25 20:14	1
Nickel	12.5		2.0	0.18	mg/Kg	☼	10/01/25 08:03	10/01/25 20:14	1
Potassium	601		99.5	16.1	mg/Kg	☼	10/01/25 08:03	10/01/25 20:14	1
Selenium	0.33	J	1.2	0.13	mg/Kg	☼	10/01/25 08:03	10/01/25 20:14	1
Silver	0.22	J	0.40	0.089	mg/Kg	☼	10/01/25 08:03	10/01/25 20:14	1
Sodium	99.5	U	99.5	45.5	mg/Kg	☼	10/01/25 08:03	10/01/25 20:14	1
Thallium	0.049	J	0.40	0.041	mg/Kg	☼	10/01/25 08:03	10/01/25 20:14	1
Vanadium	19.2		2.0	0.20	mg/Kg	☼	10/01/25 08:03	10/01/25 20:14	1
Zinc	72.7		8.0	1.1	mg/Kg	☼	10/01/25 08:03	10/01/25 20:14	1

Method: SW846 7471B - Mercury (CVAA)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	0.048		0.017	0.0080	mg/Kg	☼	10/01/25 02:19	10/01/25 19:25	1

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Percent Moisture (EPA Moisture)	8.6		1.0	1.0	%			09/30/25 17:39	1
Percent Solids (EPA Moisture)	91.4		1.0	1.0	%			09/30/25 17:39	1

Client Sample ID: 54C_4-8

Date Collected: 09/25/25 09:05
Date Received: 09/25/25 16:10

Lab Sample ID: 460-335747-14

Matrix: Solid
Percent Solids: 89.6

Method: SW846 8270E - Semivolatile Organic Compounds (GC/MS)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1'-Biphenyl	0.37	U	0.37	0.013	mg/Kg	☼	09/27/25 15:54	09/28/25 16:11	1
1,2,4,5-Tetrachlorobenzene	0.37	U	0.37	0.011	mg/Kg	☼	09/27/25 15:54	09/28/25 16:11	1
1,4-Dioxane	0.037	U	0.037	0.032	mg/Kg	☼	09/27/25 15:54	09/28/25 16:11	1
2,2'-oxybis[1-chloropropane]	0.37	U	0.37	0.022	mg/Kg	☼	09/27/25 15:54	09/28/25 16:11	1
2,3,4,6-Tetrachlorophenol	0.37	U	0.37	0.025	mg/Kg	☼	09/27/25 15:54	09/28/25 16:11	1
2,4,5-Trichlorophenol	0.37	U	0.37	0.037	mg/Kg	☼	09/27/25 15:54	09/28/25 16:11	1
2,4,6-Trichlorophenol	0.15	U	0.15	0.047	mg/Kg	☼	09/27/25 15:54	09/28/25 16:11	1
2,4-Dichlorophenol	0.15	U	0.15	0.024	mg/Kg	☼	09/27/25 15:54	09/28/25 16:11	1
2,4-Dimethylphenol	0.37	U	0.37	0.044	mg/Kg	☼	09/27/25 15:54	09/28/25 16:11	1
2,4-Dinitrophenol	0.30	U	0.30	0.18	mg/Kg	☼	09/27/25 15:54	09/28/25 16:11	1
2,4-Dinitrotoluene	0.074	U	0.074	0.040	mg/Kg	☼	09/27/25 15:54	09/28/25 16:11	1
2,6-Dinitrotoluene	0.074	U	0.074	0.027	mg/Kg	☼	09/27/25 15:54	09/28/25 16:11	1
2-Chloronaphthalene	0.37	U	0.37	0.047	mg/Kg	☼	09/27/25 15:54	09/28/25 16:11	1
2-Chlorophenol	0.37	U	0.37	0.013	mg/Kg	☼	09/27/25 15:54	09/28/25 16:11	1
2-Methylnaphthalene	0.37	U	0.37	0.010	mg/Kg	☼	09/27/25 15:54	09/28/25 16:11	1
2-Methylphenol	0.37	U	0.37	0.014	mg/Kg	☼	09/27/25 15:54	09/28/25 16:11	1
2-Nitroaniline	0.37	U	0.37	0.028	mg/Kg	☼	09/27/25 15:54	09/28/25 16:11	1
2-Nitrophenol	0.37	U	0.37	0.037	mg/Kg	☼	09/27/25 15:54	09/28/25 16:11	1

Client Sample ID: 54C_4-8
Date Collected: 09/25/25 09:05
Date Received: 09/25/25 16:10

Lab Sample ID: 460-335747-14
Matrix: Solid
Percent Solids: 89.6

Method: SW846 8270E - Semivolatile Organic Compounds (GC/MS) (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
3 & 4 Methylphenol	0.37	U	0.37	0.023	mg/Kg	☼	09/27/25 15:54	09/28/25 16:11	1
3,3'-Dichlorobenzidine	0.15	U	0.15	0.055	mg/Kg	☼	09/27/25 15:54	09/28/25 16:11	1
3-Nitroaniline	0.37	U	0.37	0.087	mg/Kg	☼	09/27/25 15:54	09/28/25 16:11	1
4,6-Dinitro-2-methylphenol	0.30	U	0.30	0.15	mg/Kg	☼	09/27/25 15:54	09/28/25 16:11	1
4-Bromophenyl phenyl ether	0.37	U	0.37	0.015	mg/Kg	☼	09/27/25 15:54	09/28/25 16:11	1
4-Chloro-3-methylphenol	0.37	U	0.37	0.021	mg/Kg	☼	09/27/25 15:54	09/28/25 16:11	1
4-Chloroaniline	0.37	U	0.37	0.065	mg/Kg	☼	09/27/25 15:54	09/28/25 16:11	1
4-Chlorophenyl phenyl ether	0.37	U	0.37	0.013	mg/Kg	☼	09/27/25 15:54	09/28/25 16:11	1
4-Methylphenol	0.37	U	0.37	0.023	mg/Kg	☼	09/27/25 15:54	09/28/25 16:11	1
4-Nitroaniline	0.37	U	0.37	0.093	mg/Kg	☼	09/27/25 15:54	09/28/25 16:11	1
4-Nitrophenol	0.74	U	0.74	0.060	mg/Kg	☼	09/27/25 15:54	09/28/25 16:11	1
Acenaphthene	0.37	U	0.37	0.010	mg/Kg	☼	09/27/25 15:54	09/28/25 16:11	1
Acenaphthylene	0.37	U	0.37	0.010	mg/Kg	☼	09/27/25 15:54	09/28/25 16:11	1
Acetophenone	0.37	U	0.37	0.018	mg/Kg	☼	09/27/25 15:54	09/28/25 16:11	1
Anthracene	0.37	U	0.37	0.011	mg/Kg	☼	09/27/25 15:54	09/28/25 16:11	1
Atrazine	0.15	U *	0.15	0.022	mg/Kg	☼	09/27/25 15:54	09/28/25 16:11	1
Benzaldehyde	0.37	U	0.37	0.061	mg/Kg	☼	09/27/25 15:54	09/28/25 16:11	1
Benzo[a]anthracene	0.037	U	0.037	0.028	mg/Kg	☼	09/27/25 15:54	09/28/25 16:11	1
Benzo[a]pyrene	0.037	U	0.037	0.0098	mg/Kg	☼	09/27/25 15:54	09/28/25 16:11	1
Benzo[b]fluoranthene	0.037	U	0.037	0.0095	mg/Kg	☼	09/27/25 15:54	09/28/25 16:11	1
Benzo[g,h,i]perylene	0.37	U	0.37	0.011	mg/Kg	☼	09/27/25 15:54	09/28/25 16:11	1
Benzo[k]fluoranthene	0.037	U	0.037	0.0072	mg/Kg	☼	09/27/25 15:54	09/28/25 16:11	1
Bis(2-chloroethoxy)methane	0.37	U	0.37	0.068	mg/Kg	☼	09/27/25 15:54	09/28/25 16:11	1
Bis(2-chloroethyl)ether	0.037	U	0.037	0.013	mg/Kg	☼	09/27/25 15:54	09/28/25 16:11	1
Bis(2-ethylhexyl) phthalate	0.37	U	0.37	0.019	mg/Kg	☼	09/27/25 15:54	09/28/25 16:11	1
Butyl benzyl phthalate	0.37	U	0.37	0.017	mg/Kg	☼	09/27/25 15:54	09/28/25 16:11	1
Caprolactam	0.37	U *	0.37	0.057	mg/Kg	☼	09/27/25 15:54	09/28/25 16:11	1
Carbazole	0.37	U	0.37	0.014	mg/Kg	☼	09/27/25 15:54	09/28/25 16:11	1
Chrysene	0.37	U	0.37	0.015	mg/Kg	☼	09/27/25 15:54	09/28/25 16:11	1
Dibenz(a,h)anthracene	0.037	U	0.037	0.016	mg/Kg	☼	09/27/25 15:54	09/28/25 16:11	1
Dibenzofuran	0.37	U	0.37	0.012	mg/Kg	☼	09/27/25 15:54	09/28/25 16:11	1
Diethyl phthalate	0.37	U	0.37	0.012	mg/Kg	☼	09/27/25 15:54	09/28/25 16:11	1
Dimethyl phthalate	0.37	U	0.37	0.083	mg/Kg	☼	09/27/25 15:54	09/28/25 16:11	1
Di-n-butyl phthalate	**0.019**	**J**	0.37	0.014	mg/Kg	☼	09/27/25 15:54	09/28/25 16:11	1
Di-n-octyl phthalate	0.37	U	0.37	0.019	mg/Kg	☼	09/27/25 15:54	09/28/25 16:11	1
Fluoranthene	0.37	U	0.37	0.013	mg/Kg	☼	09/27/25 15:54	09/28/25 16:11	1
Fluorene	0.37	U	0.37	0.011	mg/Kg	☼	09/27/25 15:54	09/28/25 16:11	1
Hexachlorobenzene	0.037	U	0.037	0.017	mg/Kg	☼	09/27/25 15:54	09/28/25 16:11	1
Hexachlorobutadiene	0.074	U	0.074	0.0078	mg/Kg	☼	09/27/25 15:54	09/28/25 16:11	1
Hexachlorocyclopentadiene	0.37	U	0.37	0.032	mg/Kg	☼	09/27/25 15:54	09/28/25 16:11	1
Hexachloroethane	0.037	U	0.037	0.013	mg/Kg	☼	09/27/25 15:54	09/28/25 16:11	1
Indeno[1,2,3-cd]pyrene	0.037	U	0.037	0.014	mg/Kg	☼	09/27/25 15:54	09/28/25 16:11	1
Isophorone	0.15	U	0.15	0.11	mg/Kg	☼	09/27/25 15:54	09/28/25 16:11	1
Naphthalene	0.37	U	0.37	0.0063	mg/Kg	☼	09/27/25 15:54	09/28/25 16:11	1
Nitrobenzene	0.037	U	0.037	0.020	mg/Kg	☼	09/27/25 15:54	09/28/25 16:11	1
N-Nitrosodi-n-propylamine	0.037	U	0.037	0.027	mg/Kg	☼	09/27/25 15:54	09/28/25 16:11	1
N-Nitrosodiphenylamine	0.37	U	0.37	0.030	mg/Kg	☼	09/27/25 15:54	09/28/25 16:11	1
Pentachlorophenol	0.30	U	0.30	0.075	mg/Kg	☼	09/27/25 15:54	09/28/25 16:11	1
Phenanthrene	0.37	U	0.37	0.015	mg/Kg	☼	09/27/25 15:54	09/28/25 16:11	1

Client Sample ID: 54C_4-8
Date Collected: 09/25/25 09:05
Date Received: 09/25/25 16:10

Lab Sample ID: 460-335747-14
Matrix: Solid
Percent Solids: 89.6

Method: SW846 8270E - Semivolatile Organic Compounds (GC/MS) (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Phenol	0.37	U	0.37	0.014	mg/Kg	☼	09/27/25 15:54	09/28/25 16:11	1
Pyrene	0.37	U	0.37	0.0091	mg/Kg	☼	09/27/25 15:54	09/28/25 16:11	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
2,4,6-Tribromophenol (Surr)	*65*		*18 - 137*	*09/27/25 15:54*	*09/28/25 16:11*	*1*
2-Fluorobiphenyl	*63*		*33 - 117*	*09/27/25 15:54*	*09/28/25 16:11*	*1*
2-Fluorophenol (Surr)	*64*		*24 - 120*	*09/27/25 15:54*	*09/28/25 16:11*	*1*
Nitrobenzene-d5 (Surr)	*65*		*27 - 120*	*09/27/25 15:54*	*09/28/25 16:11*	*1*
Phenol-d5 (Surr)	*62*		*28 - 118*	*09/27/25 15:54*	*09/28/25 16:11*	*1*
Terphenyl-d14 (Surr)	*83*		*33 - 124*	*09/27/25 15:54*	*09/28/25 16:11*	*1*

Method: SW846 8081B - Organochlorine Pesticides (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
4,4'-DDD	0.0075	U	0.0075	0.0013	mg/Kg	☼	09/27/25 19:28	09/28/25 12:22	1
4,4'-DDE	0.0075	U	0.0075	0.00088	mg/Kg	☼	09/27/25 19:28	09/28/25 12:22	1
4,4'-DDT	**0.0031**	**J**	0.0075	0.0014	mg/Kg	☼	09/27/25 19:28	09/28/25 12:22	1
Aldrin	0.0075	U	0.0075	0.0011	mg/Kg	☼	09/27/25 19:28	09/28/25 12:22	1
alpha-BHC	0.0022	U	0.0022	0.00076	mg/Kg	☼	09/27/25 19:28	09/28/25 12:22	1
beta-BHC	0.0022	U	0.0022	0.00084	mg/Kg	☼	09/27/25 19:28	09/28/25 12:22	1
Chlordane (technical)	0.075	U	0.075	0.018	mg/Kg	☼	09/27/25 19:28	09/28/25 12:22	1
cis-Chlordane	0.0075	U	0.0075	0.0012	mg/Kg	☼	09/27/25 19:28	09/28/25 12:22	1
delta-BHC	0.0022	U	0.0022	0.00046	mg/Kg	☼	09/27/25 19:28	09/28/25 12:22	1
Dieldrin	0.0022	U	0.0022	0.00097	mg/Kg	☼	09/27/25 19:28	09/28/25 12:22	1
Endosulfan I	0.0075	U	0.0075	0.0011	mg/Kg	☼	09/27/25 19:28	09/28/25 12:22	1
Endosulfan II	0.0075	U	0.0075	0.0019	mg/Kg	☼	09/27/25 19:28	09/28/25 12:22	1
Endosulfan sulfate	0.0075	U	0.0075	0.00094	mg/Kg	☼	09/27/25 19:28	09/28/25 12:22	1
Endrin	0.0075	U	0.0075	0.0011	mg/Kg	☼	09/27/25 19:28	09/28/25 12:22	1
Endrin aldehyde	0.0075	U	0.0075	0.0018	mg/Kg	☼	09/27/25 19:28	09/28/25 12:22	1
Endrin ketone	0.0075	U	0.0075	0.0015	mg/Kg	☼	09/27/25 19:28	09/28/25 12:22	1
gamma-BHC (Lindane)	0.0022	U	0.0022	0.00069	mg/Kg	☼	09/27/25 19:28	09/28/25 12:22	1
Heptachlor	0.0075	U	0.0075	0.00088	mg/Kg	☼	09/27/25 19:28	09/28/25 12:22	1
Heptachlor epoxide	0.0075	U	0.0075	0.0011	mg/Kg	☼	09/27/25 19:28	09/28/25 12:22	1
Methoxychlor	0.0075	U	0.0075	0.0017	mg/Kg	☼	09/27/25 19:28	09/28/25 12:22	1
Toxaphene	0.075	U	0.075	0.027	mg/Kg	☼	09/27/25 19:28	09/28/25 12:22	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
DCB Decachlorobiphenyl	*96*		*10 - 150*	*09/27/25 19:28*	*09/28/25 12:22*	*1*
DCB Decachlorobiphenyl	*122*		*10 - 150*	*09/27/25 19:28*	*09/28/25 12:22*	*1*
Tetrachloro-m-xylene	*67*		*14 - 150*	*09/27/25 19:28*	*09/28/25 12:22*	*1*
Tetrachloro-m-xylene	*69*		*14 - 150*	*09/27/25 19:28*	*09/28/25 12:22*	*1*

Method: SW846 8082A - Polychlorinated Biphenyls (PCBs) by Gas Chromatography

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Aroclor 1016	0.075	U	0.075	0.020	mg/Kg	☼	09/27/25 19:23	09/28/25 16:34	1
Aroclor 1221	0.075	U	0.075	0.020	mg/Kg	☼	09/27/25 19:23	09/28/25 16:34	1
Aroclor 1232	0.075	U	0.075	0.020	mg/Kg	☼	09/27/25 19:23	09/28/25 16:34	1
Aroclor 1242	0.075	U	0.075	0.020	mg/Kg	☼	09/27/25 19:23	09/28/25 16:34	1
Aroclor 1248	0.075	U	0.075	0.020	mg/Kg	☼	09/27/25 19:23	09/28/25 16:34	1
Aroclor 1254	0.075	U	0.075	0.020	mg/Kg	☼	09/27/25 19:23	09/28/25 16:34	1
Aroclor 1260	0.075	U	0.075	0.020	mg/Kg	☼	09/27/25 19:23	09/28/25 16:34	1

Client Sample ID: 54C_4-8
Date Collected: 09/25/25 09:05
Date Received: 09/25/25 16:10

Lab Sample ID: 460-335747-14
Matrix: Solid
Percent Solids: 89.6

Method: SW846 8082A - Polychlorinated Biphenyls (PCBs) by Gas Chromatography (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Aroclor-1262	0.075	U	0.075	0.020	mg/Kg	☼	09/27/25 19:23	09/28/25 16:34	1
Aroclor 1268	0.075	U	0.075	0.020	mg/Kg	☼	09/27/25 19:23	09/28/25 16:34	1
Polychlorinated biphenyls, Total	0.075	U	0.075	0.020	mg/Kg	☼	09/27/25 19:23	09/28/25 16:34	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
DCB Decachlorobiphenyl	*90*		*10 - 150*	*09/27/25 19:23*	*09/28/25 16:34*	*1*
DCB Decachlorobiphenyl	*118*		*10 - 150*	*09/27/25 19:23*	*09/28/25 16:34*	*1*
Tetrachloro-m-xylene	*61*		*10 - 150*	*09/27/25 19:23*	*09/28/25 16:34*	*1*
Tetrachloro-m-xylene	*78*		*10 - 150*	*09/27/25 19:23*	*09/28/25 16:34*	*1*

Method: EPA 1633A - Per- and Polyfluoroalkyl Substances by LC/MS/MS, 1633A

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Perfluorobutanoic acid (PFBA)	0.40	U	0.40	0.099	ug/Kg	☼	10/01/25 06:38	10/02/25 06:04	1
Perfluoropentanoic acid (PFPeA)	0.20	U	0.20	0.099	ug/Kg	☼	10/01/25 06:38	10/02/25 06:04	1
Perfluorohexanoic acid (PFHxA)	0.20	U	0.20	0.099	ug/Kg	☼	10/01/25 06:38	10/02/25 06:04	1
Perfluoroheptanoic acid (PFHpA)	**0.13**	**J**	0.20	0.099	ug/Kg	☼	10/01/25 06:38	10/02/25 06:04	1
Perfluorooctanoic acid (PFOA)	**0.16**	**J**	0.20	0.060	ug/Kg	☼	10/01/25 06:38	10/02/25 06:04	1
Perfluorononanoic acid (PFNA)	**0.52**		0.20	0.099	ug/Kg	☼	10/01/25 06:38	10/02/25 06:04	1
Perfluorodecanoic acid (PFDA)	**1.19**		0.20	0.060	ug/Kg	☼	10/01/25 06:38	10/02/25 06:04	1
Perfluoroundecanoic acid (PFUnA)	**8.99**		0.20	0.099	ug/Kg	☼	10/01/25 06:38	10/02/25 06:04	1
Perfluorododecanoic acid (PFDoA)	**1.80**		0.20	0.099	ug/Kg	☼	10/01/25 06:38	10/02/25 06:04	1
Perfluorotridecanoic acid (PFTrDA)	**9.58**		0.20	0.099	ug/Kg	☼	10/01/25 06:38	10/02/25 06:04	1
Perfluorotetradecanoic acid (PFTeDA)	**0.56**		0.20	0.099	ug/Kg	☼	10/01/25 06:38	10/02/25 06:04	1
Perfluorobutanesulfonic acid (PFBS)	0.20	U	0.20	0.099	ug/Kg	☼	10/01/25 06:38	10/02/25 06:04	1
Perfluoropentanesulfonic acid (PFPeS)	0.20	U	0.20	0.099	ug/Kg	☼	10/01/25 06:38	10/02/25 06:04	1
Perfluorohexanesulfonic acid (PFHxS)	0.20	U	0.20	0.099	ug/Kg	☼	10/01/25 06:38	10/02/25 06:04	1
Perfluoroheptanesulfonic acid (PFHpS)	0.20	U	0.20	0.099	ug/Kg	☼	10/01/25 06:38	10/02/25 06:04	1
Perfluorooctanesulfonic acid (PFOS)	0.20	U	0.20	0.099	ug/Kg	☼	10/01/25 06:38	10/02/25 06:04	1
Perfluorononanesulfonic acid (PFNS)	0.20	U	0.20	0.099	ug/Kg	☼	10/01/25 06:38	10/02/25 06:04	1
Perfluorodecanesulfonic acid (PFDS)	0.20	U	0.20	0.099	ug/Kg	☼	10/01/25 06:38	10/02/25 06:04	1
Perfluorododecanesulfonic acid (PFDoS)	0.20	U	0.20	0.099	ug/Kg	☼	10/01/25 06:38	10/02/25 06:04	1
1H,1H,2H,2H-Perfluorohexane sulfonic acid (4:2 FTS)	0.40	U	0.40	0.20	ug/Kg	☼	10/01/25 06:38	10/02/25 06:04	1
1H,1H,2H,2H-Perfluorooctane sulfonic acid (6:2 FTS)	**0.55**		0.40	0.20	ug/Kg	☼	10/01/25 06:38	10/02/25 06:04	1
1H,1H,2H,2H-Perfluorodecane sulfonic acid (8:2 FTS)	**6.79**		0.40	0.20	ug/Kg	☼	10/01/25 06:38	10/02/25 06:04	1
Perfluorooctanesulfonamide (PFOSA)	0.20	U	0.20	0.099	ug/Kg	☼	10/01/25 06:38	10/02/25 06:04	1
N-methylperfluorooctane sulfonamide (NMeFOSA)	0.20	U	0.20	0.099	ug/Kg	☼	10/01/25 06:38	10/02/25 06:04	1
N-ethylperfluorooctane sulfonamide (NEtFOSA)	0.20	U	0.20	0.099	ug/Kg	☼	10/01/25 06:38	10/02/25 06:04	1
N-methylperfluorooctanesulfonamidoacetic acid (NMeFOSAA)	0.20	U	0.20	0.099	ug/Kg	☼	10/01/25 06:38	10/02/25 06:04	1
N-ethylperfluorooctanesulfonamidoacetic acid (NEtFOSAA)	0.20	U	0.20	0.099	ug/Kg	☼	10/01/25 06:38	10/02/25 06:04	1

Client Sample ID: 54C_4-8
Date Collected: 09/25/25 09:05
Date Received: 09/25/25 16:10

Lab Sample ID: 460-335747-14
Matrix: Solid
Percent Solids: 89.6

Method: EPA 1633A - Per- and Polyfluoroalkyl Substances by LC/MS/MS, 1633A (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
N-methylperfluorooctane sulfonamidoethanol (NMeFOSE)	0.99	U	0.99	0.50	ug/Kg	☼	10/01/25 06:38	10/02/25 06:04	1
N-ethylperfluorooctane sulfonamidoethanol (NEtFOSE)	0.99	U	0.99	0.50	ug/Kg	☼	10/01/25 06:38	10/02/25 06:04	1
Hexafluoropropylene Oxide Dimer Acid (HFPO-DA)	0.20	U	0.20	0.099	ug/Kg	☼	10/01/25 06:38	10/02/25 06:04	1
4,8-Dioxa-3H-perfluorononanoic acid (ADONA)	0.20	U	0.20	0.099	ug/Kg	☼	10/01/25 06:38	10/02/25 06:04	1
Perfluoro-3-methoxypropanoic acid (PFMPA)	0.20	U	0.20	0.099	ug/Kg	☼	10/01/25 06:38	10/02/25 06:04	1
Perfluoro-4-methoxybutanoic acid (PFMBA)	0.20	U	0.20	0.099	ug/Kg	☼	10/01/25 06:38	10/02/25 06:04	1
Nonafluoro-3,6-dioxaheptanoic acid (NFDHA)	0.20	U	0.20	0.099	ug/Kg	☼	10/01/25 06:38	10/02/25 06:04	1
9-Chlorohexadecafluoro-3-oxanonane-1-sulfonic acid (9Cl-PF3ONS)	0.20	U	0.20	0.099	ug/Kg	☼	10/01/25 06:38	10/02/25 06:04	1
11-Chloroeicosafluoro-3-oxaundecane-1-sulfonic acid (11Cl-PF3OUdS)	0.20	U	0.20	0.099	ug/Kg	☼	10/01/25 06:38	10/02/25 06:04	1
Perfluoro (2-ethoxyethane) sulfonic acid (PFEESA)	0.20	U	0.20	0.099	ug/Kg	☼	10/01/25 06:38	10/02/25 06:04	1
3-Perfluoropropylpropanoic acid (3:3 FTCA)	0.40	U	0.40	0.20	ug/Kg	☼	10/01/25 06:38	10/02/25 06:04	1
3-Perfluoropentylpropanoic acid (5:3 FTCA)	0.99	U	0.99	0.50	ug/Kg	☼	10/01/25 06:38	10/02/25 06:04	1
3-Perfluoroheptylpropanoic acid (7:3 FTCA)	**0.73**	**J**	0.99	0.50	ug/Kg	☼	10/01/25 06:38	10/02/25 06:04	1

Isotope Dilution	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
13C4 PFBA	*96.6*		*8 - 130*	*10/01/25 06:38*	*10/02/25 06:04*	*1*
13C5 PFPeA	*85.0*		*35 - 130*	*10/01/25 06:38*	*10/02/25 06:04*	*1*
13C5 PFHxA	*90.9*		*40 - 130*	*10/01/25 06:38*	*10/02/25 06:04*	*1*
13C4 PFHpA	*87.6*		*40 - 130*	*10/01/25 06:38*	*10/02/25 06:04*	*1*
13C8 PFOA	*85.6*		*40 - 130*	*10/01/25 06:38*	*10/02/25 06:04*	*1*
13C9 PFNA	*80.0*		*40 - 130*	*10/01/25 06:38*	*10/02/25 06:04*	*1*
13C6 PFDA	*78.6*		*40 - 130*	*10/01/25 06:38*	*10/02/25 06:04*	*1*
13C7 PFUnA	*67.8*		*40 - 130*	*10/01/25 06:38*	*10/02/25 06:04*	*1*
13C2 PFTeDA	*36.9*		*20 - 130*	*10/01/25 06:38*	*10/02/25 06:04*	*1*
13C3 PFBS	*85.4*		*40 - 135*	*10/01/25 06:38*	*10/02/25 06:04*	*1*
13C3 PFHxS	*81.1*		*40 - 130*	*10/01/25 06:38*	*10/02/25 06:04*	*1*
13C8 PFOS	*73.8*		*40 - 130*	*10/01/25 06:38*	*10/02/25 06:04*	*1*
13C8 FOSA	*80.1*		*40 - 130*	*10/01/25 06:38*	*10/02/25 06:04*	*1*
d3-NMeFOSAA	*75.8*		*40 - 135*	*10/01/25 06:38*	*10/02/25 06:04*	*1*
d5-NEtFOSAA	*68.7*		*40 - 150*	*10/01/25 06:38*	*10/02/25 06:04*	*1*
13C2 4:2 FTS	*91.6*		*40 - 165*	*10/01/25 06:38*	*10/02/25 06:04*	*1*
13C2 6:2 FTS	*89.1*		*40 - 215*	*10/01/25 06:38*	*10/02/25 06:04*	*1*
13C2 8:2 FTS	*77.4*		*40 - 275*	*10/01/25 06:38*	*10/02/25 06:04*	*1*
13C3 HFPO-DA	*82.4*		*40 - 130*	*10/01/25 06:38*	*10/02/25 06:04*	*1*
d7-N-MeFOSE-M	*30.6*		*20 - 130*	*10/01/25 06:38*	*10/02/25 06:04*	*1*
d9-N-EtFOSE-M	*22.4*		*15 - 130*	*10/01/25 06:38*	*10/02/25 06:04*	*1*
d5-NEtPFOSA	*53.9*		*10 - 130*	*10/01/25 06:38*	*10/02/25 06:04*	*1*
d3-NMePFOSA	*65.6*		*10 - 130*	*10/01/25 06:38*	*10/02/25 06:04*	*1*
13C2 PFDoA	*62.4*		*40 - 130*	*10/01/25 06:38*	*10/02/25 06:04*	*1*

Client Sample ID: 54C_4-8

Date Collected: 09/25/25 09:05
Date Received: 09/25/25 16:10

Lab Sample ID: 460-335747-14

Matrix: Solid
Percent Solids: 89.6

Method: SW846 6020B - Metals (ICP/MS)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Aluminum	4880		20.7	5.7	mg/Kg	☼	10/01/25 08:03	10/01/25 20:17	1
Antimony	0.62	J	1.0	0.15	mg/Kg	☼	10/01/25 08:03	10/01/25 20:17	1
Arsenic	6.6		1.0	0.11	mg/Kg	☼	10/01/25 08:03	10/01/25 20:17	1
Barium	38.1		2.1	0.15	mg/Kg	☼	10/01/25 08:03	10/01/25 20:17	1
Beryllium	0.44		0.41	0.023	mg/Kg	☼	10/01/25 08:03	10/01/25 20:17	1
Cadmium	0.23	J	1.0	0.12	mg/Kg	☼	10/01/25 08:03	10/01/25 20:17	1
Calcium	3520		103	10.1	mg/Kg	☼	10/01/25 08:03	10/01/25 20:17	1
Chromium	14.2		2.1	0.31	mg/Kg	☼	10/01/25 08:03	10/01/25 20:17	1
Cobalt	4.5		1.0	0.15	mg/Kg	☼	10/01/25 08:03	10/01/25 20:17	1
Copper	34.1		2.1	0.38	mg/Kg	☼	10/01/25 08:03	10/01/25 20:17	1
Iron	17500		62.0	7.9	mg/Kg	☼	10/01/25 08:03	10/01/25 20:17	1
Lead	127		0.62	0.21	mg/Kg	☼	10/01/25 08:03	10/01/25 20:17	1
Magnesium	3080		103	10.5	mg/Kg	☼	10/01/25 08:03	10/01/25 20:17	1
Manganese	233		4.1	0.42	mg/Kg	☼	10/01/25 08:03	10/01/25 20:17	1
Nickel	18.5		2.1	0.18	mg/Kg	☼	10/01/25 08:03	10/01/25 20:17	1
Potassium	681		103	16.7	mg/Kg	☼	10/01/25 08:03	10/01/25 20:17	1
Selenium	0.32	J	1.3	0.13	mg/Kg	☼	10/01/25 08:03	10/01/25 20:17	1
Silver	0.19	J	0.41	0.092	mg/Kg	☼	10/01/25 08:03	10/01/25 20:17	1
Sodium	53.6	J	103	47.2	mg/Kg	☼	10/01/25 08:03	10/01/25 20:17	1
Thallium	0.056	J	0.41	0.042	mg/Kg	☼	10/01/25 08:03	10/01/25 20:17	1
Vanadium	21.4		2.1	0.21	mg/Kg	☼	10/01/25 08:03	10/01/25 20:17	1
Zinc	70.9		8.3	1.1	mg/Kg	☼	10/01/25 08:03	10/01/25 20:17	1

Method: SW846 7471B - Mercury (CVAA)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	0.035		0.018	0.0086	mg/Kg	☼	10/01/25 02:19	10/01/25 19:28	1

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Percent Moisture (EPA Moisture)	10.4		1.0	1.0	%			09/30/25 17:39	1
Percent Solids (EPA Moisture)	89.6		1.0	1.0	%			09/30/25 17:39	1

Client Sample ID: 54D_0-4

Date Collected: 09/25/25 09:10
Date Received: 09/25/25 16:10

Lab Sample ID: 460-335747-15

Matrix: Solid
Percent Solids: 90.1

Method: SW846 8270E - Semivolatile Organic Compounds (GC/MS)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1'-Biphenyl	0.36	U	0.36	0.013	mg/Kg	☼	09/27/25 15:54	09/28/25 16:29	1
1,2,4,5-Tetrachlorobenzene	0.36	U	0.36	0.011	mg/Kg	☼	09/27/25 15:54	09/28/25 16:29	1
1,4-Dioxane	0.036	U	0.036	0.032	mg/Kg	☼	09/27/25 15:54	09/28/25 16:29	1
2,2'-oxybis[1-chloropropane]	0.36	U	0.36	0.022	mg/Kg	☼	09/27/25 15:54	09/28/25 16:29	1
2,3,4,6-Tetrachlorophenol	0.36	U	0.36	0.025	mg/Kg	☼	09/27/25 15:54	09/28/25 16:29	1
2,4,5-Trichlorophenol	0.36	U	0.36	0.037	mg/Kg	☼	09/27/25 15:54	09/28/25 16:29	1
2,4,6-Trichlorophenol	0.15	U	0.15	0.047	mg/Kg	☼	09/27/25 15:54	09/28/25 16:29	1
2,4-Dichlorophenol	0.15	U	0.15	0.023	mg/Kg	☼	09/27/25 15:54	09/28/25 16:29	1
2,4-Dimethylphenol	0.36	U	0.36	0.044	mg/Kg	☼	09/27/25 15:54	09/28/25 16:29	1
2,4-Dinitrophenol	0.29	U	0.29	0.18	mg/Kg	☼	09/27/25 15:54	09/28/25 16:29	1
2,4-Dinitrotoluene	0.074	U	0.074	0.039	mg/Kg	☼	09/27/25 15:54	09/28/25 16:29	1
2,6-Dinitrotoluene	0.074	U	0.074	0.026	mg/Kg	☼	09/27/25 15:54	09/28/25 16:29	1

Client Sample ID: 54D_0-4
Date Collected: 09/25/25 09:10
Date Received: 09/25/25 16:10

Lab Sample ID: 460-335747-15
Matrix: Solid
Percent Solids: 90.1

Method: SW846 8270E - Semivolatile Organic Compounds (GC/MS) (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
2-Chloronaphthalene	0.36	U	0.36	0.047	mg/Kg	☼	09/27/25 15:54	09/28/25 16:29	1
2-Chlorophenol	0.36	U	0.36	0.013	mg/Kg	☼	09/27/25 15:54	09/28/25 16:29	1
2-Methylnaphthalene	0.36	U	0.36	0.010	mg/Kg	☼	09/27/25 15:54	09/28/25 16:29	1
2-Methylphenol	0.36	U	0.36	0.014	mg/Kg	☼	09/27/25 15:54	09/28/25 16:29	1
2-Nitroaniline	0.36	U	0.36	0.028	mg/Kg	☼	09/27/25 15:54	09/28/25 16:29	1
2-Nitrophenol	0.36	U	0.36	0.037	mg/Kg	☼	09/27/25 15:54	09/28/25 16:29	1
3 & 4 Methylphenol	0.36	U	0.36	0.023	mg/Kg	☼	09/27/25 15:54	09/28/25 16:29	1
3,3'-Dichlorobenzidine	0.15	U	0.15	0.055	mg/Kg	☼	09/27/25 15:54	09/28/25 16:29	1
3-Nitroaniline	0.36	U	0.36	0.087	mg/Kg	☼	09/27/25 15:54	09/28/25 16:29	1
4,6-Dinitro-2-methylphenol	0.29	U	0.29	0.15	mg/Kg	☼	09/27/25 15:54	09/28/25 16:29	1
4-Bromophenyl phenyl ether	0.36	U	0.36	0.014	mg/Kg	☼	09/27/25 15:54	09/28/25 16:29	1
4-Chloro-3-methylphenol	0.36	U	0.36	0.020	mg/Kg	☼	09/27/25 15:54	09/28/25 16:29	1
4-Chloroaniline	0.36	U	0.36	0.065	mg/Kg	☼	09/27/25 15:54	09/28/25 16:29	1
4-Chlorophenyl phenyl ether	0.36	U	0.36	0.013	mg/Kg	☼	09/27/25 15:54	09/28/25 16:29	1
4-Methylphenol	0.36	U	0.36	0.023	mg/Kg	☼	09/27/25 15:54	09/28/25 16:29	1
4-Nitroaniline	0.36	U	0.36	0.093	mg/Kg	☼	09/27/25 15:54	09/28/25 16:29	1
4-Nitrophenol	0.74	U	0.74	0.060	mg/Kg	☼	09/27/25 15:54	09/28/25 16:29	1
Acenaphthene	0.36	U	0.36	0.010	mg/Kg	☼	09/27/25 15:54	09/28/25 16:29	1
Acenaphthylene	0.36	U	0.36	0.010	mg/Kg	☼	09/27/25 15:54	09/28/25 16:29	1
Acetophenone	0.36	U	0.36	0.018	mg/Kg	☼	09/27/25 15:54	09/28/25 16:29	1
Anthracene	0.36	U	0.36	0.011	mg/Kg	☼	09/27/25 15:54	09/28/25 16:29	1
Atrazine	0.15	U *	0.15	0.022	mg/Kg	☼	09/27/25 15:54	09/28/25 16:29	1
Benzaldehyde	0.36	U	0.36	0.060	mg/Kg	☼	09/27/25 15:54	09/28/25 16:29	1
Benzo[a]anthracene	0.036	U	0.036	0.028	mg/Kg	☼	09/27/25 15:54	09/28/25 16:29	1
Benzo[a]pyrene	0.036	U	0.036	0.0097	mg/Kg	☼	09/27/25 15:54	09/28/25 16:29	1
Benzo[b]fluoranthene	0.036	U	0.036	0.0095	mg/Kg	☼	09/27/25 15:54	09/28/25 16:29	1
Benzo[g,h,i]perylene	0.36	U	0.36	0.011	mg/Kg	☼	09/27/25 15:54	09/28/25 16:29	1
Benzo[k]fluoranthene	0.036	U	0.036	0.0072	mg/Kg	☼	09/27/25 15:54	09/28/25 16:29	1
Bis(2-chloroethoxy)methane	0.36	U	0.36	0.068	mg/Kg	☼	09/27/25 15:54	09/28/25 16:29	1
Bis(2-chloroethyl)ether	0.036	U	0.036	0.013	mg/Kg	☼	09/27/25 15:54	09/28/25 16:29	1
Bis(2-ethylhexyl) phthalate	0.36	U	0.36	0.019	mg/Kg	☼	09/27/25 15:54	09/28/25 16:29	1
Butyl benzyl phthalate	0.36	U	0.36	0.017	mg/Kg	☼	09/27/25 15:54	09/28/25 16:29	1
Caprolactam	0.36	U *	0.36	0.057	mg/Kg	☼	09/27/25 15:54	09/28/25 16:29	1
Carbazole	0.36	U	0.36	0.014	mg/Kg	☼	09/27/25 15:54	09/28/25 16:29	1
Chrysene	0.36	U	0.36	0.015	mg/Kg	☼	09/27/25 15:54	09/28/25 16:29	1
Dibenz(a,h)anthracene	0.036	U	0.036	0.016	mg/Kg	☼	09/27/25 15:54	09/28/25 16:29	1
Dibenzofuran	0.36	U	0.36	0.012	mg/Kg	☼	09/27/25 15:54	09/28/25 16:29	1
Diethyl phthalate	0.36	U	0.36	0.012	mg/Kg	☼	09/27/25 15:54	09/28/25 16:29	1
Dimethyl phthalate	0.36	U	0.36	0.083	mg/Kg	☼	09/27/25 15:54	09/28/25 16:29	1
Di-n-butyl phthalate	**0.020**	**J**	0.36	0.014	mg/Kg	☼	09/27/25 15:54	09/28/25 16:29	1
Di-n-octyl phthalate	0.36	U	0.36	0.019	mg/Kg	☼	09/27/25 15:54	09/28/25 16:29	1
Fluoranthene	0.36	U	0.36	0.013	mg/Kg	☼	09/27/25 15:54	09/28/25 16:29	1
Fluorene	0.36	U	0.36	0.011	mg/Kg	☼	09/27/25 15:54	09/28/25 16:29	1
Hexachlorobenzene	0.036	U	0.036	0.017	mg/Kg	☼	09/27/25 15:54	09/28/25 16:29	1
Hexachlorobutadiene	0.074	U	0.074	0.0078	mg/Kg	☼	09/27/25 15:54	09/28/25 16:29	1
Hexachlorocyclopentadiene	0.36	U	0.36	0.032	mg/Kg	☼	09/27/25 15:54	09/28/25 16:29	1
Hexachloroethane	0.036	U	0.036	0.013	mg/Kg	☼	09/27/25 15:54	09/28/25 16:29	1
Indeno[1,2,3-cd]pyrene	0.036	U	0.036	0.014	mg/Kg	☼	09/27/25 15:54	09/28/25 16:29	1
Isophorone	0.15	U	0.15	0.11	mg/Kg	☼	09/27/25 15:54	09/28/25 16:29	1

Client Sample ID: 54D_0-4
Date Collected: 09/25/25 09:10
Date Received: 09/25/25 16:10

Lab Sample ID: 460-335747-15
Matrix: Solid
Percent Solids: 90.1

Method: SW846 8270E - Semivolatile Organic Compounds (GC/MS) (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Naphthalene	0.36	U	0.36	0.0063	mg/Kg	☼	09/27/25 15:54	09/28/25 16:29	1
Nitrobenzene	0.036	U	0.036	0.020	mg/Kg	☼	09/27/25 15:54	09/28/25 16:29	1
N-Nitrosodi-n-propylamine	0.036	U	0.036	0.027	mg/Kg	☼	09/27/25 15:54	09/28/25 16:29	1
N-Nitrosodiphenylamine	0.36	U	0.36	0.030	mg/Kg	☼	09/27/25 15:54	09/28/25 16:29	1
Pentachlorophenol	0.29	U	0.29	0.075	mg/Kg	☼	09/27/25 15:54	09/28/25 16:29	1
Phenanthrene	0.36	U	0.36	0.015	mg/Kg	☼	09/27/25 15:54	09/28/25 16:29	1
Phenol	0.36	U	0.36	0.013	mg/Kg	☼	09/27/25 15:54	09/28/25 16:29	1
Pyrene	0.36	U	0.36	0.0091	mg/Kg	☼	09/27/25 15:54	09/28/25 16:29	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
2,4,6-Tribromophenol (Surr)	*69*		*18 - 137*	*09/27/25 15:54*	*09/28/25 16:29*	*1*
2-Fluorobiphenyl	*70*		*33 - 117*	*09/27/25 15:54*	*09/28/25 16:29*	*1*
2-Fluorophenol (Surr)	*72*		*24 - 120*	*09/27/25 15:54*	*09/28/25 16:29*	*1*
Nitrobenzene-d5 (Surr)	*71*		*27 - 120*	*09/27/25 15:54*	*09/28/25 16:29*	*1*
Phenol-d5 (Surr)	*68*		*28 - 118*	*09/27/25 15:54*	*09/28/25 16:29*	*1*
Terphenyl-d14 (Surr)	*77*		*33 - 124*	*09/27/25 15:54*	*09/28/25 16:29*	*1*

Method: SW846 8081B - Organochlorine Pesticides (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
4,4'-DDD	0.0074	U	0.0074	0.0013	mg/Kg	☼	09/27/25 19:28	09/28/25 12:34	1
4,4'-DDE	0.0074	U	0.0074	0.00088	mg/Kg	☼	09/27/25 19:28	09/28/25 12:34	1
4,4'-DDT	0.0074	U	0.0074	0.0014	mg/Kg	☼	09/27/25 19:28	09/28/25 12:34	1
Aldrin	0.0074	U	0.0074	0.0011	mg/Kg	☼	09/27/25 19:28	09/28/25 12:34	1
alpha-BHC	0.0022	U	0.0022	0.00075	mg/Kg	☼	09/27/25 19:28	09/28/25 12:34	1
beta-BHC	0.0022	U	0.0022	0.00083	mg/Kg	☼	09/27/25 19:28	09/28/25 12:34	1
Chlordane (technical)	0.074	U	0.074	0.018	mg/Kg	☼	09/27/25 19:28	09/28/25 12:34	1
cis-Chlordane	0.0074	U	0.0074	0.0012	mg/Kg	☼	09/27/25 19:28	09/28/25 12:34	1
delta-BHC	0.0022	U	0.0022	0.00045	mg/Kg	☼	09/27/25 19:28	09/28/25 12:34	1
Dieldrin	0.0022	U	0.0022	0.00097	mg/Kg	☼	09/27/25 19:28	09/28/25 12:34	1
Endosulfan I	0.0074	U	0.0074	0.0011	mg/Kg	☼	09/27/25 19:28	09/28/25 12:34	1
Endosulfan II	0.0074	U	0.0074	0.0019	mg/Kg	☼	09/27/25 19:28	09/28/25 12:34	1
Endosulfan sulfate	0.0074	U	0.0074	0.00093	mg/Kg	☼	09/27/25 19:28	09/28/25 12:34	1
Endrin	0.0074	U	0.0074	0.0011	mg/Kg	☼	09/27/25 19:28	09/28/25 12:34	1
Endrin aldehyde	0.0074	U	0.0074	0.0018	mg/Kg	☼	09/27/25 19:28	09/28/25 12:34	1
Endrin ketone	0.0074	U	0.0074	0.0014	mg/Kg	☼	09/27/25 19:28	09/28/25 12:34	1
gamma-BHC (Lindane)	0.0022	U	0.0022	0.00069	mg/Kg	☼	09/27/25 19:28	09/28/25 12:34	1
Heptachlor	0.0074	U	0.0074	0.00088	mg/Kg	☼	09/27/25 19:28	09/28/25 12:34	1
Heptachlor epoxide	0.0074	U	0.0074	0.0011	mg/Kg	☼	09/27/25 19:28	09/28/25 12:34	1
Methoxychlor	0.0074	U	0.0074	0.0017	mg/Kg	☼	09/27/25 19:28	09/28/25 12:34	1
Toxaphene	0.074	U	0.074	0.027	mg/Kg	☼	09/27/25 19:28	09/28/25 12:34	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
DCB Decachlorobiphenyl	*86*		*10 - 150*	*09/27/25 19:28*	*09/28/25 12:34*	*1*
DCB Decachlorobiphenyl	*106*		*10 - 150*	*09/27/25 19:28*	*09/28/25 12:34*	*1*
Tetrachloro-m-xylene	*70*		*14 - 150*	*09/27/25 19:28*	*09/28/25 12:34*	*1*
Tetrachloro-m-xylene	*70*		*14 - 150*	*09/27/25 19:28*	*09/28/25 12:34*	*1*

Method: SW846 8082A - Polychlorinated Biphenyls (PCBs) by Gas Chromatography

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Aroclor 1016	0.074	U	0.074	0.020	mg/Kg	☼	09/27/25 19:23	09/28/25 16:51	1

Client Sample ID: 54D_0-4
Date Collected: 09/25/25 09:10
Date Received: 09/25/25 16:10

Lab Sample ID: 460-335747-15
Matrix: Solid
Percent Solids: 90.1

Method: SW846 8082A - Polychlorinated Biphenyls (PCBs) by Gas Chromatography (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Aroclor 1221	0.074	U	0.074	0.020	mg/Kg	☼	09/27/25 19:23	09/28/25 16:51	1
Aroclor 1232	0.074	U	0.074	0.020	mg/Kg	☼	09/27/25 19:23	09/28/25 16:51	1
Aroclor 1242	0.074	U	0.074	0.020	mg/Kg	☼	09/27/25 19:23	09/28/25 16:51	1
Aroclor 1248	0.074	U	0.074	0.020	mg/Kg	☼	09/27/25 19:23	09/28/25 16:51	1
Aroclor 1254	0.074	U	0.074	0.020	mg/Kg	☼	09/27/25 19:23	09/28/25 16:51	1
Aroclor 1260	0.074	U	0.074	0.020	mg/Kg	☼	09/27/25 19:23	09/28/25 16:51	1
Aroclor-1262	0.074	U	0.074	0.020	mg/Kg	☼	09/27/25 19:23	09/28/25 16:51	1
Aroclor 1268	0.074	U	0.074	0.020	mg/Kg	☼	09/27/25 19:23	09/28/25 16:51	1
Polychlorinated biphenyls, Total	0.074	U	0.074	0.020	mg/Kg	☼	09/27/25 19:23	09/28/25 16:51	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
DCB Decachlorobiphenyl	*103*		*10 - 150*	*09/27/25 19:23*	*09/28/25 16:51*	*1*
DCB Decachlorobiphenyl	*108*		*10 - 150*	*09/27/25 19:23*	*09/28/25 16:51*	*1*
Tetrachloro-m-xylene	*85*		*10 - 150*	*09/27/25 19:23*	*09/28/25 16:51*	*1*
Tetrachloro-m-xylene	*89*		*10 - 150*	*09/27/25 19:23*	*09/28/25 16:51*	*1*

Method: EPA 1633A - Per- and Polyfluoroalkyl Substances by LC/MS/MS, 1633A

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Perfluorobutanoic acid (PFBA)	0.40	U	0.40	0.10	ug/Kg	☼	10/01/25 06:38	10/02/25 06:17	1
Perfluoropentanoic acid (PFPeA)	0.20	U	0.20	0.10	ug/Kg	☼	10/01/25 06:38	10/02/25 06:17	1
Perfluorohexanoic acid (PFHxA)	0.20	U	0.20	0.10	ug/Kg	☼	10/01/25 06:38	10/02/25 06:17	1
Perfluoroheptanoic acid (PFHpA)	0.20	U	0.20	0.10	ug/Kg	☼	10/01/25 06:38	10/02/25 06:17	1
Perfluorooctanoic acid (PFOA)	**0.10**	**J**	0.20	0.060	ug/Kg	☼	10/01/25 06:38	10/02/25 06:17	1
Perfluorononanoic acid (PFNA)	**0.29**		0.20	0.10	ug/Kg	☼	10/01/25 06:38	10/02/25 06:17	1
Perfluorodecanoic acid (PFDA)	**0.55**		0.20	0.060	ug/Kg	☼	10/01/25 06:38	10/02/25 06:17	1
Perfluoroundecanoic acid (PFUnA)	**6.12**		0.20	0.10	ug/Kg	☼	10/01/25 06:38	10/02/25 06:17	1
Perfluorododecanoic acid (PFDoA)	**0.51**		0.20	0.10	ug/Kg	☼	10/01/25 06:38	10/02/25 06:17	1
Perfluorotridecanoic acid (PFTrDA)	**2.36**		0.20	0.10	ug/Kg	☼	10/01/25 06:38	10/02/25 06:17	1
Perfluorotetradecanoic acid (PFTeDA)	**0.13**	**J**	0.20	0.10	ug/Kg	☼	10/01/25 06:38	10/02/25 06:17	1
Perfluorobutanesulfonic acid (PFBS)	0.20	U	0.20	0.10	ug/Kg	☼	10/01/25 06:38	10/02/25 06:17	1
Perfluoropentanesulfonic acid (PFPeS)	0.20	U	0.20	0.10	ug/Kg	☼	10/01/25 06:38	10/02/25 06:17	1
Perfluorohexanesulfonic acid (PFHxS)	0.20	U	0.20	0.10	ug/Kg	☼	10/01/25 06:38	10/02/25 06:17	1
Perfluoroheptanesulfonic acid (PFHpS)	0.20	U	0.20	0.10	ug/Kg	☼	10/01/25 06:38	10/02/25 06:17	1
Perfluorooctanesulfonic acid (PFOS)	0.20	U	0.20	0.10	ug/Kg	☼	10/01/25 06:38	10/02/25 06:17	1
Perfluorononanesulfonic acid (PFNS)	0.20	U	0.20	0.10	ug/Kg	☼	10/01/25 06:38	10/02/25 06:17	1
Perfluorodecanesulfonic acid (PFDS)	0.20	U	0.20	0.10	ug/Kg	☼	10/01/25 06:38	10/02/25 06:17	1
Perfluorododecanesulfonic acid (PFDoS)	0.20	U	0.20	0.10	ug/Kg	☼	10/01/25 06:38	10/02/25 06:17	1
1H,1H,2H,2H-Perfluorohexane sulfonic acid (4:2 FTS)	0.40	U	0.40	0.20	ug/Kg	☼	10/01/25 06:38	10/02/25 06:17	1
1H,1H,2H,2H-Perfluorooctane sulfonic acid (6:2 FTS)	0.40	U	0.40	0.20	ug/Kg	☼	10/01/25 06:38	10/02/25 06:17	1
1H,1H,2H,2H-Perfluorodecane sulfonic acid (8:2 FTS)	**0.48**		0.40	0.20	ug/Kg	☼	10/01/25 06:38	10/02/25 06:17	1
Perfluorooctanesulfonamide (PFOSA)	0.20	U	0.20	0.10	ug/Kg	☼	10/01/25 06:38	10/02/25 06:17	1
N-methylperfluorooctane sulfonamide (NMeFOSA)	0.20	U	0.20	0.10	ug/Kg	☼	10/01/25 06:38	10/02/25 06:17	1

Client Sample ID: 54D_0-4
Date Collected: 09/25/25 09:10
Date Received: 09/25/25 16:10

Lab Sample ID: 460-335747-15
Matrix: Solid
Percent Solids: 90.1

Method: EPA 1633A - Per- and Polyfluoroalkyl Substances by LC/MS/MS, 1633A (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
N-ethylperfluorooctane sulfonamide (NEtFOSA)	0.20	U	0.20	0.10	ug/Kg	☼	10/01/25 06:38	10/02/25 06:17	1
N-methylperfluorooctanesulfonamidoacetic acid (NMeFOSAA)	0.20	U	0.20	0.10	ug/Kg	☼	10/01/25 06:38	10/02/25 06:17	1
N-ethylperfluorooctanesulfonamidoacetic acid (NEtFOSAA)	0.20	U	0.20	0.10	ug/Kg	☼	10/01/25 06:38	10/02/25 06:17	1
N-methylperfluorooctane sulfonamidoethanol (NMeFOSE)	1.0	U	1.0	0.50	ug/Kg	☼	10/01/25 06:38	10/02/25 06:17	1
N-ethylperfluorooctane sulfonamidoethanol (NEtFOSE)	1.0	U	1.0	0.50	ug/Kg	☼	10/01/25 06:38	10/02/25 06:17	1
Hexafluoropropylene Oxide Dimer Acid (HFPO-DA)	0.20	U	0.20	0.10	ug/Kg	☼	10/01/25 06:38	10/02/25 06:17	1
4,8-Dioxa-3H-perfluorononanoic acid (ADONA)	0.20	U	0.20	0.10	ug/Kg	☼	10/01/25 06:38	10/02/25 06:17	1
Perfluoro-3-methoxypropanoic acid (PFMPA)	0.20	U	0.20	0.10	ug/Kg	☼	10/01/25 06:38	10/02/25 06:17	1
Perfluoro-4-methoxybutanoic acid (PFMBA)	0.20	U	0.20	0.10	ug/Kg	☼	10/01/25 06:38	10/02/25 06:17	1
Nonafluoro-3,6-dioxaheptanoic acid (NFDHA)	0.20	U	0.20	0.10	ug/Kg	☼	10/01/25 06:38	10/02/25 06:17	1
9-Chlorohexadecafluoro-3-oxanonane-1-sulfonic acid (9Cl-PF3ONS)	0.20	U	0.20	0.10	ug/Kg	☼	10/01/25 06:38	10/02/25 06:17	1
11-Chloroeicosafluoro-3-oxaundecane-1-sulfonic acid (11Cl-PF3OUdS)	0.20	U	0.20	0.10	ug/Kg	☼	10/01/25 06:38	10/02/25 06:17	1
Perfluoro (2-ethoxyethane) sulfonic acid (PFEESA)	0.20	U	0.20	0.10	ug/Kg	☼	10/01/25 06:38	10/02/25 06:17	1
3-Perfluoropropylpropanoic acid (3:3 FTCA)	0.40	U	0.40	0.20	ug/Kg	☼	10/01/25 06:38	10/02/25 06:17	1
3-Perfluoropentylpropanoic acid (5:3 FTCA)	1.0	U	1.0	0.50	ug/Kg	☼	10/01/25 06:38	10/02/25 06:17	1
3-Perfluoroheptylpropanoic acid (7:3 FTCA)	1.0	U	1.0	0.50	ug/Kg	☼	10/01/25 06:38	10/02/25 06:17	1

Isotope Dilution	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
13C4 PFBA	*99.5*		*8 - 130*	*10/01/25 06:38*	*10/02/25 06:17*	*1*
13C5 PFPeA	*94.5*		*35 - 130*	*10/01/25 06:38*	*10/02/25 06:17*	*1*
13C5 PFHxA	*95.0*		*40 - 130*	*10/01/25 06:38*	*10/02/25 06:17*	*1*
13C4 PFHpA	*100*		*40 - 130*	*10/01/25 06:38*	*10/02/25 06:17*	*1*
13C8 PFOA	*94.3*		*40 - 130*	*10/01/25 06:38*	*10/02/25 06:17*	*1*
13C9 PFNA	*92.7*		*40 - 130*	*10/01/25 06:38*	*10/02/25 06:17*	*1*
13C6 PFDA	*88.8*		*40 - 130*	*10/01/25 06:38*	*10/02/25 06:17*	*1*
13C7 PFUnA	*78.8*		*40 - 130*	*10/01/25 06:38*	*10/02/25 06:17*	*1*
13C2 PFTeDA	*56.4*		*20 - 130*	*10/01/25 06:38*	*10/02/25 06:17*	*1*
13C3 PFBS	*89.3*		*40 - 135*	*10/01/25 06:38*	*10/02/25 06:17*	*1*
13C3 PFHxS	*90.1*		*40 - 130*	*10/01/25 06:38*	*10/02/25 06:17*	*1*
13C8 PFOS	*88.8*		*40 - 130*	*10/01/25 06:38*	*10/02/25 06:17*	*1*
13C8 FOSA	*93.7*		*40 - 130*	*10/01/25 06:38*	*10/02/25 06:17*	*1*
d3-NMeFOSAA	*95.0*		*40 - 135*	*10/01/25 06:38*	*10/02/25 06:17*	*1*
d5-NEtFOSAA	*82.6*		*40 - 150*	*10/01/25 06:38*	*10/02/25 06:17*	*1*
13C2 4:2 FTS	*89.7*		*40 - 165*	*10/01/25 06:38*	*10/02/25 06:17*	*1*
13C2 6:2 FTS	*96.6*		*40 - 215*	*10/01/25 06:38*	*10/02/25 06:17*	*1*
13C2 8:2 FTS	*104*		*40 - 275*	*10/01/25 06:38*	*10/02/25 06:17*	*1*
13C3 HFPO-DA	*94.2*		*40 - 130*	*10/01/25 06:38*	*10/02/25 06:17*	*1*
d7-N-MeFOSE-M	*35.3*		*20 - 130*	*10/01/25 06:38*	*10/02/25 06:17*	*1*

Client Sample ID: 54D_0-4

Date Collected: 09/25/25 09:10
Date Received: 09/25/25 16:10

Lab Sample ID: 460-335747-15

Matrix: Solid
Percent Solids: 90.1

Method: EPA 1633A - Per- and Polyfluoroalkyl Substances by LC/MS/MS, 1633A (Continued)

Isotope Dilution	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
d9-N-EtFOSE-M	23.9		15 - 130	10/01/25 06:38	10/02/25 06:17	1
d5-NEtPFOSA	68.5		10 - 130	10/01/25 06:38	10/02/25 06:17	1
d3-NMePFOSA	81.0		10 - 130	10/01/25 06:38	10/02/25 06:17	1
13C2 PFDoA	72.4		40 - 130	10/01/25 06:38	10/02/25 06:17	1

Method: SW846 6020B - Metals (ICP/MS)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Aluminum	6270		20.4	5.6	mg/Kg	☼	10/01/25 08:03	10/01/25 20:25	1
Antimony	0.49	J	1.0	0.15	mg/Kg	☼	10/01/25 08:03	10/01/25 20:25	1
Arsenic	6.3		1.0	0.10	mg/Kg	☼	10/01/25 08:03	10/01/25 20:25	1
Barium	41.3		2.0	0.15	mg/Kg	☼	10/01/25 08:03	10/01/25 20:25	1
Beryllium	0.47		0.41	0.022	mg/Kg	☼	10/01/25 08:03	10/01/25 20:25	1
Cadmium	0.21	J	1.0	0.12	mg/Kg	☼	10/01/25 08:03	10/01/25 20:25	1
Calcium	1540		102	9.9	mg/Kg	☼	10/01/25 08:03	10/01/25 20:25	1
Chromium	14.9		2.0	0.30	mg/Kg	☼	10/01/25 08:03	10/01/25 20:25	1
Cobalt	5.1		1.0	0.15	mg/Kg	☼	10/01/25 08:03	10/01/25 20:25	1
Copper	26.8		2.0	0.37	mg/Kg	☼	10/01/25 08:03	10/01/25 20:25	1
Iron	17600		61.1	7.8	mg/Kg	☼	10/01/25 08:03	10/01/25 20:25	1
Lead	86.6		0.61	0.20	mg/Kg	☼	10/01/25 08:03	10/01/25 20:25	1
Magnesium	2330		102	10.4	mg/Kg	☼	10/01/25 08:03	10/01/25 20:25	1
Manganese	189		4.1	0.41	mg/Kg	☼	10/01/25 08:03	10/01/25 20:25	1
Nickel	11.2		2.0	0.18	mg/Kg	☼	10/01/25 08:03	10/01/25 20:25	1
Potassium	904		102	16.5	mg/Kg	☼	10/01/25 08:03	10/01/25 20:25	1
Selenium	0.18	J	1.3	0.13	mg/Kg	☼	10/01/25 08:03	10/01/25 20:25	1
Silver	0.15	J	0.41	0.091	mg/Kg	☼	10/01/25 08:03	10/01/25 20:25	1
Sodium	71.7	J	102	46.5	mg/Kg	☼	10/01/25 08:03	10/01/25 20:25	1
Thallium	0.063	J	0.41	0.042	mg/Kg	☼	10/01/25 08:03	10/01/25 20:25	1
Vanadium	22.2		2.0	0.21	mg/Kg	☼	10/01/25 08:03	10/01/25 20:25	1
Zinc	99.4		8.1	1.1	mg/Kg	☼	10/01/25 08:03	10/01/25 20:25	1

Method: SW846 7471B - Mercury (CVAA)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	0.036		0.018	0.0083	mg/Kg	☼	10/01/25 02:19	10/01/25 19:31	1

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Percent Moisture (EPA Moisture)	9.9		1.0	1.0	%			09/30/25 17:39	1
Percent Solids (EPA Moisture)	90.1		1.0	1.0	%			09/30/25 17:39	1

Client Sample ID: 54D_4-8

Date Collected: 09/25/25 09:15
Date Received: 09/25/25 16:10

Lab Sample ID: 460-335747-16

Matrix: Solid
Percent Solids: 87.3

Method: SW846 8270E - Semivolatile Organic Compounds (GC/MS)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1'-Biphenyl	0.38	U	0.38	0.013	mg/Kg	☼	09/27/25 15:54	09/28/25 16:46	1
1,2,4,5-Tetrachlorobenzene	0.38	U	0.38	0.012	mg/Kg	☼	09/27/25 15:54	09/28/25 16:46	1
1,4-Dioxane	0.038	U	0.038	0.033	mg/Kg	☼	09/27/25 15:54	09/28/25 16:46	1
2,2'-oxybis[1-chloropropane]	0.38	U	0.38	0.023	mg/Kg	☼	09/27/25 15:54	09/28/25 16:46	1
2,3,4,6-Tetrachlorophenol	0.38	U	0.38	0.026	mg/Kg	☼	09/27/25 15:54	09/28/25 16:46	1
2,4,5-Trichlorophenol	0.38	U	0.38	0.038	mg/Kg	☼	09/27/25 15:54	09/28/25 16:46	1

Client Sample ID: 54D_4-8
Date Collected: 09/25/25 09:15
Date Received: 09/25/25 16:10

Lab Sample ID: 460-335747-16
Matrix: Solid
Percent Solids: 87.3

Method: SW846 8270E - Semivolatile Organic Compounds (GC/MS) (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
2,4,6-Trichlorophenol	0.15	U	0.15	0.048	mg/Kg	☼	09/27/25 15:54	09/28/25 16:46	1
2,4-Dichlorophenol	0.15	U	0.15	0.024	mg/Kg	☼	09/27/25 15:54	09/28/25 16:46	1
2,4-Dimethylphenol	0.38	U	0.38	0.045	mg/Kg	☼	09/27/25 15:54	09/28/25 16:46	1
2,4-Dinitrophenol	0.30	U	0.30	0.19	mg/Kg	☼	09/27/25 15:54	09/28/25 16:46	1
2,4-Dinitrotoluene	0.076	U	0.076	0.041	mg/Kg	☼	09/27/25 15:54	09/28/25 16:46	1
2,6-Dinitrotoluene	0.076	U	0.076	0.027	mg/Kg	☼	09/27/25 15:54	09/28/25 16:46	1
2-Chloronaphthalene	0.38	U	0.38	0.048	mg/Kg	☼	09/27/25 15:54	09/28/25 16:46	1
2-Chlorophenol	0.38	U	0.38	0.013	mg/Kg	☼	09/27/25 15:54	09/28/25 16:46	1
2-Methylnaphthalene	0.38	U	0.38	0.011	mg/Kg	☼	09/27/25 15:54	09/28/25 16:46	1
2-Methylphenol	0.38	U	0.38	0.014	mg/Kg	☼	09/27/25 15:54	09/28/25 16:46	1
2-Nitroaniline	0.38	U	0.38	0.029	mg/Kg	☼	09/27/25 15:54	09/28/25 16:46	1
2-Nitrophenol	0.38	U	0.38	0.038	mg/Kg	☼	09/27/25 15:54	09/28/25 16:46	1
3 & 4 Methylphenol	0.38	U	0.38	0.024	mg/Kg	☼	09/27/25 15:54	09/28/25 16:46	1
3,3'-Dichlorobenzidine	0.15	U	0.15	0.057	mg/Kg	☼	09/27/25 15:54	09/28/25 16:46	1
3-Nitroaniline	0.38	U	0.38	0.089	mg/Kg	☼	09/27/25 15:54	09/28/25 16:46	1
4,6-Dinitro-2-methylphenol	0.30	U	0.30	0.15	mg/Kg	☼	09/27/25 15:54	09/28/25 16:46	1
4-Bromophenyl phenyl ether	0.38	U	0.38	0.015	mg/Kg	☼	09/27/25 15:54	09/28/25 16:46	1
4-Chloro-3-methylphenol	0.38	U	0.38	0.021	mg/Kg	☼	09/27/25 15:54	09/28/25 16:46	1
4-Chloroaniline	0.38	U	0.38	0.067	mg/Kg	☼	09/27/25 15:54	09/28/25 16:46	1
4-Chlorophenyl phenyl ether	0.38	U	0.38	0.013	mg/Kg	☼	09/27/25 15:54	09/28/25 16:46	1
4-Methylphenol	0.38	U	0.38	0.024	mg/Kg	☼	09/27/25 15:54	09/28/25 16:46	1
4-Nitroaniline	0.38	U	0.38	0.096	mg/Kg	☼	09/27/25 15:54	09/28/25 16:46	1
4-Nitrophenol	0.76	U	0.76	0.061	mg/Kg	☼	09/27/25 15:54	09/28/25 16:46	1
Acenaphthene	0.38	U	0.38	0.011	mg/Kg	☼	09/27/25 15:54	09/28/25 16:46	1
Acenaphthylene	0.38	U	0.38	0.011	mg/Kg	☼	09/27/25 15:54	09/28/25 16:46	1
Acetophenone	0.38	U	0.38	0.018	mg/Kg	☼	09/27/25 15:54	09/28/25 16:46	1
Anthracene	0.38	U	0.38	0.011	mg/Kg	☼	09/27/25 15:54	09/28/25 16:46	1
Atrazine	0.15	U *	0.15	0.022	mg/Kg	☼	09/27/25 15:54	09/28/25 16:46	1
Benzaldehyde	0.38	U	0.38	0.062	mg/Kg	☼	09/27/25 15:54	09/28/25 16:46	1
Benzo[a]anthracene	0.038	U	0.038	0.028	mg/Kg	☼	09/27/25 15:54	09/28/25 16:46	1
Benzo[a]pyrene	0.038	U	0.038	0.010	mg/Kg	☼	09/27/25 15:54	09/28/25 16:46	1
Benzo[b]fluoranthene	0.038	U	0.038	0.0097	mg/Kg	☼	09/27/25 15:54	09/28/25 16:46	1
Benzo[g,h,i]perylene	0.38	U	0.38	0.011	mg/Kg	☼	09/27/25 15:54	09/28/25 16:46	1
Benzo[k]fluoranthene	0.038	U	0.038	0.0074	mg/Kg	☼	09/27/25 15:54	09/28/25 16:46	1
Bis(2-chloroethoxy)methane	0.38	U	0.38	0.070	mg/Kg	☼	09/27/25 15:54	09/28/25 16:46	1
Bis(2-chloroethyl)ether	0.038	U	0.038	0.013	mg/Kg	☼	09/27/25 15:54	09/28/25 16:46	1
Bis(2-ethylhexyl) phthalate	0.38	U	0.38	0.020	mg/Kg	☼	09/27/25 15:54	09/28/25 16:46	1
Butyl benzyl phthalate	0.38	U	0.38	0.018	mg/Kg	☼	09/27/25 15:54	09/28/25 16:46	1
Caprolactam	0.38	U *	0.38	0.059	mg/Kg	☼	09/27/25 15:54	09/28/25 16:46	1
Carbazole	0.38	U	0.38	0.014	mg/Kg	☼	09/27/25 15:54	09/28/25 16:46	1
Chrysene	0.38	U	0.38	0.016	mg/Kg	☼	09/27/25 15:54	09/28/25 16:46	1
Dibenz(a,h)anthracene	0.038	U	0.038	0.016	mg/Kg	☼	09/27/25 15:54	09/28/25 16:46	1
Dibenzofuran	0.38	U	0.38	0.013	mg/Kg	☼	09/27/25 15:54	09/28/25 16:46	1
Diethyl phthalate	0.38	U	0.38	0.012	mg/Kg	☼	09/27/25 15:54	09/28/25 16:46	1
Dimethyl phthalate	0.38	U	0.38	0.086	mg/Kg	☼	09/27/25 15:54	09/28/25 16:46	1
Di-n-butyl phthalate	0.38	U	0.38	0.014	mg/Kg	☼	09/27/25 15:54	09/28/25 16:46	1
Di-n-octyl phthalate	0.38	U	0.38	0.020	mg/Kg	☼	09/27/25 15:54	09/28/25 16:46	1
Fluoranthene	0.38	U	0.38	0.013	mg/Kg	☼	09/27/25 15:54	09/28/25 16:46	1
Fluorene	0.38	U	0.38	0.011	mg/Kg	☼	09/27/25 15:54	09/28/25 16:46	1

Client Sample ID: 54D_4-8
Date Collected: 09/25/25 09:15
Date Received: 09/25/25 16:10

Lab Sample ID: 460-335747-16
Matrix: Solid
Percent Solids: 87.3

Method: SW846 8270E - Semivolatile Organic Compounds (GC/MS) (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Hexachlorobenzene	0.038	U	0.038	0.018	mg/Kg	☼	09/27/25 15:54	09/28/25 16:46	1
Hexachlorobutadiene	0.076	U	0.076	0.0080	mg/Kg	☼	09/27/25 15:54	09/28/25 16:46	1
Hexachlorocyclopentadiene	0.38	U	0.38	0.033	mg/Kg	☼	09/27/25 15:54	09/28/25 16:46	1
Hexachloroethane	0.038	U	0.038	0.013	mg/Kg	☼	09/27/25 15:54	09/28/25 16:46	1
Indeno[1,2,3-cd]pyrene	0.038	U	0.038	0.015	mg/Kg	☼	09/27/25 15:54	09/28/25 16:46	1
Isophorone	0.15	U	0.15	0.11	mg/Kg	☼	09/27/25 15:54	09/28/25 16:46	1
Naphthalene	0.38	U	0.38	0.0065	mg/Kg	☼	09/27/25 15:54	09/28/25 16:46	1
Nitrobenzene	0.038	U	0.038	0.021	mg/Kg	☼	09/27/25 15:54	09/28/25 16:46	1
N-Nitrosodi-n-propylamine	0.038	U	0.038	0.027	mg/Kg	☼	09/27/25 15:54	09/28/25 16:46	1
N-Nitrosodiphenylamine	0.38	U	0.38	0.031	mg/Kg	☼	09/27/25 15:54	09/28/25 16:46	1
Pentachlorophenol	0.30	U	0.30	0.077	mg/Kg	☼	09/27/25 15:54	09/28/25 16:46	1
Phenanthrene	0.38	U	0.38	0.015	mg/Kg	☼	09/27/25 15:54	09/28/25 16:46	1
Phenol	0.38	U	0.38	0.014	mg/Kg	☼	09/27/25 15:54	09/28/25 16:46	1
Pyrene	0.38	U	0.38	0.0094	mg/Kg	☼	09/27/25 15:54	09/28/25 16:46	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
2,4,6-Tribromophenol (Surr)	*66*		*18 - 137*	*09/27/25 15:54*	*09/28/25 16:46*	*1*
2-Fluorobiphenyl	*68*		*33 - 117*	*09/27/25 15:54*	*09/28/25 16:46*	*1*
2-Fluorophenol (Surr)	*71*		*24 - 120*	*09/27/25 15:54*	*09/28/25 16:46*	*1*
Nitrobenzene-d5 (Surr)	*71*		*27 - 120*	*09/27/25 15:54*	*09/28/25 16:46*	*1*
Phenol-d5 (Surr)	*67*		*28 - 118*	*09/27/25 15:54*	*09/28/25 16:46*	*1*
Terphenyl-d14 (Surr)	*77*		*33 - 124*	*09/27/25 15:54*	*09/28/25 16:46*	*1*

Method: SW846 8081B - Organochlorine Pesticides (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
4,4'-DDD	0.0077	U	0.0077	0.0013	mg/Kg	☼	09/27/25 19:28	09/28/25 12:46	1
4,4'-DDE	0.0077	U	0.0077	0.00090	mg/Kg	☼	09/27/25 19:28	09/28/25 12:46	1
4,4'-DDT	0.0077	U	0.0077	0.0014	mg/Kg	☼	09/27/25 19:28	09/28/25 12:46	1
Aldrin	0.0077	U	0.0077	0.0012	mg/Kg	☼	09/27/25 19:28	09/28/25 12:46	1
alpha-BHC	0.0023	U	0.0023	0.00078	mg/Kg	☼	09/27/25 19:28	09/28/25 12:46	1
beta-BHC	0.0023	U	0.0023	0.00086	mg/Kg	☼	09/27/25 19:28	09/28/25 12:46	1
Chlordane (technical)	0.077	U	0.077	0.019	mg/Kg	☼	09/27/25 19:28	09/28/25 12:46	1
cis-Chlordane	0.0077	U	0.0077	0.0012	mg/Kg	☼	09/27/25 19:28	09/28/25 12:46	1
delta-BHC	0.0023	U	0.0023	0.00047	mg/Kg	☼	09/27/25 19:28	09/28/25 12:46	1
Dieldrin	0.0023	U	0.0023	0.0010	mg/Kg	☼	09/27/25 19:28	09/28/25 12:46	1
Endosulfan I	0.0077	U	0.0077	0.0012	mg/Kg	☼	09/27/25 19:28	09/28/25 12:46	1
Endosulfan II	0.0077	U	0.0077	0.0020	mg/Kg	☼	09/27/25 19:28	09/28/25 12:46	1
Endosulfan sulfate	0.0077	U	0.0077	0.00096	mg/Kg	☼	09/27/25 19:28	09/28/25 12:46	1
Endrin	0.0077	U	0.0077	0.0011	mg/Kg	☼	09/27/25 19:28	09/28/25 12:46	1
Endrin aldehyde	0.0077	U	0.0077	0.0018	mg/Kg	☼	09/27/25 19:28	09/28/25 12:46	1
Endrin ketone	0.0077	U	0.0077	0.0015	mg/Kg	☼	09/27/25 19:28	09/28/25 12:46	1
gamma-BHC (Lindane)	0.0023	U	0.0023	0.00071	mg/Kg	☼	09/27/25 19:28	09/28/25 12:46	1
Heptachlor	0.0077	U	0.0077	0.00090	mg/Kg	☼	09/27/25 19:28	09/28/25 12:46	1
Heptachlor epoxide	0.0077	U	0.0077	0.0011	mg/Kg	☼	09/27/25 19:28	09/28/25 12:46	1
Methoxychlor	0.0077	U	0.0077	0.0018	mg/Kg	☼	09/27/25 19:28	09/28/25 12:46	1
Toxaphene	0.077	U	0.077	0.028	mg/Kg	☼	09/27/25 19:28	09/28/25 12:46	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
DCB Decachlorobiphenyl	*96*		*10 - 150*	*09/27/25 19:28*	*09/28/25 12:46*	*1*
DCB Decachlorobiphenyl	*113*		*10 - 150*	*09/27/25 19:28*	*09/28/25 12:46*	*1*

Client Sample ID: 54D_4-8
Date Collected: 09/25/25 09:15
Date Received: 09/25/25 16:10

Lab Sample ID: 460-335747-16
Matrix: Solid
Percent Solids: 87.3

Method: SW846 8081B - Organochlorine Pesticides (GC) (Continued)

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
Tetrachloro-m-xylene	*80*		*14 - 150*	*09/27/25 19:28*	*09/28/25 12:46*	*1*
Tetrachloro-m-xylene	*81*		*14 - 150*	*09/27/25 19:28*	*09/28/25 12:46*	*1*

Method: SW846 8082A - Polychlorinated Biphenyls (PCBs) by Gas Chromatography

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Aroclor 1016	0.077	U	0.077	0.020	mg/Kg	☼	09/27/25 19:23	09/28/25 17:08	1
Aroclor 1221	0.077	U	0.077	0.020	mg/Kg	☼	09/27/25 19:23	09/28/25 17:08	1
Aroclor 1232	0.077	U	0.077	0.020	mg/Kg	☼	09/27/25 19:23	09/28/25 17:08	1
Aroclor 1242	0.077	U	0.077	0.020	mg/Kg	☼	09/27/25 19:23	09/28/25 17:08	1
Aroclor 1248	0.077	U	0.077	0.020	mg/Kg	☼	09/27/25 19:23	09/28/25 17:08	1
Aroclor 1254	0.077	U	0.077	0.020	mg/Kg	☼	09/27/25 19:23	09/28/25 17:08	1
Aroclor 1260	0.077	U	0.077	0.020	mg/Kg	☼	09/27/25 19:23	09/28/25 17:08	1
Aroclor-1262	0.077	U	0.077	0.020	mg/Kg	☼	09/27/25 19:23	09/28/25 17:08	1
Aroclor 1268	0.077	U	0.077	0.020	mg/Kg	☼	09/27/25 19:23	09/28/25 17:08	1
Polychlorinated biphenyls, Total	0.077	U	0.077	0.020	mg/Kg	☼	09/27/25 19:23	09/28/25 17:08	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
DCB Decachlorobiphenyl	*108*		*10 - 150*	*09/27/25 19:23*	*09/28/25 17:08*	*1*
DCB Decachlorobiphenyl	*115*		*10 - 150*	*09/27/25 19:23*	*09/28/25 17:08*	*1*
Tetrachloro-m-xylene	*91*		*10 - 150*	*09/27/25 19:23*	*09/28/25 17:08*	*1*
Tetrachloro-m-xylene	*97*		*10 - 150*	*09/27/25 19:23*	*09/28/25 17:08*	*1*

Method: EPA 1633A - Per- and Polyfluoroalkyl Substances by LC/MS/MS, 1633A

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Perfluorobutanoic acid (PFBA)	0.40	U	0.40	0.099	ug/Kg	☼	10/01/25 06:38	10/02/25 06:31	1
Perfluoropentanoic acid (PFPeA)	0.20	U	0.20	0.099	ug/Kg	☼	10/01/25 06:38	10/02/25 06:31	1
Perfluorohexanoic acid (PFHxA)	0.20	U	0.20	0.099	ug/Kg	☼	10/01/25 06:38	10/02/25 06:31	1
Perfluoroheptanoic acid (PFHpA)	**0.12**	**J**	0.20	0.099	ug/Kg	☼	10/01/25 06:38	10/02/25 06:31	1
Perfluorooctanoic acid (PFOA)	**0.18**	**J**	0.20	0.059	ug/Kg	☼	10/01/25 06:38	10/02/25 06:31	1
Perfluorononanoic acid (PFNA)	**0.57**		0.20	0.099	ug/Kg	☼	10/01/25 06:38	10/02/25 06:31	1
Perfluorodecanoic acid (PFDA)	**1.71**		0.20	0.059	ug/Kg	☼	10/01/25 06:38	10/02/25 06:31	1
Perfluoroundecanoic acid (PFUnA)	**11.7**		0.20	0.099	ug/Kg	☼	10/01/25 06:38	10/02/25 06:31	1
Perfluorododecanoic acid (PFDoA)	**1.00**		0.20	0.099	ug/Kg	☼	10/01/25 06:38	10/02/25 06:31	1
Perfluorotridecanoic acid (PFTrDA)	**4.15**		0.20	0.099	ug/Kg	☼	10/01/25 06:38	10/02/25 06:31	1
Perfluorotetradecanoic acid (PFTeDA)	**0.16**	**J**	0.20	0.099	ug/Kg	☼	10/01/25 06:38	10/02/25 06:31	1
Perfluorobutanesulfonic acid (PFBS)	0.20	U	0.20	0.099	ug/Kg	☼	10/01/25 06:38	10/02/25 06:31	1
Perfluoropentanesulfonic acid (PFPeS)	0.20	U	0.20	0.099	ug/Kg	☼	10/01/25 06:38	10/02/25 06:31	1
Perfluorohexanesulfonic acid (PFHxS)	0.20	U	0.20	0.099	ug/Kg	☼	10/01/25 06:38	10/02/25 06:31	1
Perfluoroheptanesulfonic acid (PFHpS)	0.20	U	0.20	0.099	ug/Kg	☼	10/01/25 06:38	10/02/25 06:31	1
Perfluorooctanesulfonic acid (PFOS)	0.20	U	0.20	0.099	ug/Kg	☼	10/01/25 06:38	10/02/25 06:31	1
Perfluorononanesulfonic acid (PFNS)	0.20	U	0.20	0.099	ug/Kg	☼	10/01/25 06:38	10/02/25 06:31	1
Perfluorodecanesulfonic acid (PFDS)	0.20	U	0.20	0.099	ug/Kg	☼	10/01/25 06:38	10/02/25 06:31	1
Perfluorododecanesulfonic acid (PFDoS)	0.20	U	0.20	0.099	ug/Kg	☼	10/01/25 06:38	10/02/25 06:31	1
1H,1H,2H,2H-Perfluorohexane sulfonic acid (4:2 FTS)	0.40	U	0.40	0.20	ug/Kg	☼	10/01/25 06:38	10/02/25 06:31	1

Client Sample ID: 54D_4-8
Date Collected: 09/25/25 09:15
Date Received: 09/25/25 16:10

Lab Sample ID: 460-335747-16
Matrix: Solid
Percent Solids: 87.3

Method: EPA 1633A - Per- and Polyfluoroalkyl Substances by LC/MS/MS, 1633A (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1H,1H,2H,2H-Perfluorooctane sulfonic acid (6:2 FTS)	0.21	J	0.40	0.20	ug/Kg	☼	10/01/25 06:38	10/02/25 06:31	1
1H,1H,2H,2H-Perfluorodecane sulfonic acid (8:2 FTS)	1.57		0.40	0.20	ug/Kg	☼	10/01/25 06:38	10/02/25 06:31	1
Perfluorooctanesulfonamide (PFOSA)	0.20	U	0.20	0.099	ug/Kg	☼	10/01/25 06:38	10/02/25 06:31	1
N-methylperfluorooctane sulfonamide (NMeFOSA)	0.20	U	0.20	0.099	ug/Kg	☼	10/01/25 06:38	10/02/25 06:31	1
N-ethylperfluorooctane sulfonamide (NEtFOSA)	0.20	U	0.20	0.099	ug/Kg	☼	10/01/25 06:38	10/02/25 06:31	1
N-methylperfluorooctanesulfonamidoacetic acid (NMeFOSAA)	0.20	U	0.20	0.099	ug/Kg	☼	10/01/25 06:38	10/02/25 06:31	1
N-ethylperfluorooctanesulfonamidoacetic acid (NEtFOSAA)	0.20	U	0.20	0.099	ug/Kg	☼	10/01/25 06:38	10/02/25 06:31	1
N-methylperfluorooctane sulfonamidoethanol (NMeFOSE)	0.99	U	0.99	0.50	ug/Kg	☼	10/01/25 06:38	10/02/25 06:31	1
N-ethylperfluorooctane sulfonamidoethanol (NEtFOSE)	0.99	U	0.99	0.50	ug/Kg	☼	10/01/25 06:38	10/02/25 06:31	1
Hexafluoropropylene Oxide Dimer Acid (HFPO-DA)	0.20	U	0.20	0.099	ug/Kg	☼	10/01/25 06:38	10/02/25 06:31	1
4,8-Dioxa-3H-perfluorononanoic acid (ADONA)	0.20	U	0.20	0.099	ug/Kg	☼	10/01/25 06:38	10/02/25 06:31	1
Perfluoro-3-methoxypropanoic acid (PFMPA)	0.20	U	0.20	0.099	ug/Kg	☼	10/01/25 06:38	10/02/25 06:31	1
Perfluoro-4-methoxybutanoic acid (PFMBA)	0.20	U	0.20	0.099	ug/Kg	☼	10/01/25 06:38	10/02/25 06:31	1
Nonafluoro-3,6-dioxaheptanoic acid (NFDHA)	0.20	U	0.20	0.099	ug/Kg	☼	10/01/25 06:38	10/02/25 06:31	1
9-Chlorohexadecafluoro-3-oxanonane-1-sulfonic acid (9Cl-PF3ONS)	0.20	U	0.20	0.099	ug/Kg	☼	10/01/25 06:38	10/02/25 06:31	1
11-Chloroeicosafluoro-3-oxaundecane-1-sulfonic acid (11Cl-PF3OUdS)	0.20	U	0.20	0.099	ug/Kg	☼	10/01/25 06:38	10/02/25 06:31	1
Perfluoro (2-ethoxyethane) sulfonic acid (PFEESA)	0.20	U	0.20	0.099	ug/Kg	☼	10/01/25 06:38	10/02/25 06:31	1
3-Perfluoropropylpropanoic acid (3:3 FTCA)	0.40	U	0.40	0.20	ug/Kg	☼	10/01/25 06:38	10/02/25 06:31	1
3-Perfluoropentylpropanoic acid (5:3 FTCA)	0.99	U	0.99	0.50	ug/Kg	☼	10/01/25 06:38	10/02/25 06:31	1
3-Perfluoroheptylpropanoic acid (7:3 FTCA)	0.99	U	0.99	0.50	ug/Kg	☼	10/01/25 06:38	10/02/25 06:31	1

Isotope Dilution	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
13C4 PFBA	*95.8*		*8 - 130*	*10/01/25 06:38*	*10/02/25 06:31*	*1*
13C5 PFPeA	*82.6*		*35 - 130*	*10/01/25 06:38*	*10/02/25 06:31*	*1*
13C5 PFHxA	*88.9*		*40 - 130*	*10/01/25 06:38*	*10/02/25 06:31*	*1*
13C4 PFHpA	*88.6*		*40 - 130*	*10/01/25 06:38*	*10/02/25 06:31*	*1*
13C8 PFOA	*91.0*		*40 - 130*	*10/01/25 06:38*	*10/02/25 06:31*	*1*
13C9 PFNA	*84.1*		*40 - 130*	*10/01/25 06:38*	*10/02/25 06:31*	*1*
13C6 PFDA	*86.6*		*40 - 130*	*10/01/25 06:38*	*10/02/25 06:31*	*1*
13C7 PFUnA	*80.5*		*40 - 130*	*10/01/25 06:38*	*10/02/25 06:31*	*1*
13C2 PFTeDA	*78.3*		*20 - 130*	*10/01/25 06:38*	*10/02/25 06:31*	*1*
13C3 PFBS	*82.6*		*40 - 135*	*10/01/25 06:38*	*10/02/25 06:31*	*1*
13C3 PFHxS	*83.2*		*40 - 130*	*10/01/25 06:38*	*10/02/25 06:31*	*1*
13C8 PFOS	*80.9*		*40 - 130*	*10/01/25 06:38*	*10/02/25 06:31*	*1*
13C8 FOSA	*89.4*		*40 - 130*	*10/01/25 06:38*	*10/02/25 06:31*	*1*
d3-NMeFOSAA	*88.0*		*40 - 135*	*10/01/25 06:38*	*10/02/25 06:31*	*1*

Client Sample ID: 54D_4-8

Date Collected: 09/25/25 09:15
Date Received: 09/25/25 16:10

Lab Sample ID: 460-335747-16

Matrix: Solid
Percent Solids: 87.3

Method: EPA 1633A - Per- and Polyfluoroalkyl Substances by LC/MS/MS, 1633A (Continued)

Isotope Dilution	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
d5-NEtFOSAA	83.3		40 - 150	10/01/25 06:38	10/02/25 06:31	1
13C2 4:2 FTS	81.6		40 - 165	10/01/25 06:38	10/02/25 06:31	1
13C2 6:2 FTS	95.5		40 - 215	10/01/25 06:38	10/02/25 06:31	1
13C2 8:2 FTS	90.2		40 - 275	10/01/25 06:38	10/02/25 06:31	1
13C3 HFPO-DA	87.8		40 - 130	10/01/25 06:38	10/02/25 06:31	1
d7-N-MeFOSE-M	58.5		20 - 130	10/01/25 06:38	10/02/25 06:31	1
d9-N-EtFOSE-M	52.6		15 - 130	10/01/25 06:38	10/02/25 06:31	1
d5-NEtPFOSA	70.5		10 - 130	10/01/25 06:38	10/02/25 06:31	1
d3-NMePFOSA	78.0		10 - 130	10/01/25 06:38	10/02/25 06:31	1
13C2 PFDoA	83.8		40 - 130	10/01/25 06:38	10/02/25 06:31	1

Method: SW846 6020B - Metals (ICP/MS)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Aluminum	7600		21.8	6.0	mg/Kg	☼	10/01/25 08:03	10/01/25 20:28	1
Antimony	0.52	J	1.1	0.16	mg/Kg	☼	10/01/25 08:03	10/01/25 20:28	1
Arsenic	7.5		1.1	0.11	mg/Kg	☼	10/01/25 08:03	10/01/25 20:28	1
Barium	42.0		2.2	0.16	mg/Kg	☼	10/01/25 08:03	10/01/25 20:28	1
Beryllium	0.55		0.44	0.024	mg/Kg	☼	10/01/25 08:03	10/01/25 20:28	1
Cadmium	0.20	J	1.1	0.12	mg/Kg	☼	10/01/25 08:03	10/01/25 20:28	1
Calcium	3310		109	10.6	mg/Kg	☼	10/01/25 08:03	10/01/25 20:28	1
Chromium	17.0		2.2	0.32	mg/Kg	☼	10/01/25 08:03	10/01/25 20:28	1
Cobalt	5.9		1.1	0.16	mg/Kg	☼	10/01/25 08:03	10/01/25 20:28	1
Copper	34.2		2.2	0.40	mg/Kg	☼	10/01/25 08:03	10/01/25 20:28	1
Iron	19500		65.4	8.3	mg/Kg	☼	10/01/25 08:03	10/01/25 20:28	1
Lead	91.1		0.65	0.22	mg/Kg	☼	10/01/25 08:03	10/01/25 20:28	1
Magnesium	3940		109	11.1	mg/Kg	☼	10/01/25 08:03	10/01/25 20:28	1
Manganese	217		4.4	0.44	mg/Kg	☼	10/01/25 08:03	10/01/25 20:28	1
Nickel	13.6		2.2	0.19	mg/Kg	☼	10/01/25 08:03	10/01/25 20:28	1
Potassium	1020		109	17.7	mg/Kg	☼	10/01/25 08:03	10/01/25 20:28	1
Selenium	0.21	J	1.4	0.14	mg/Kg	☼	10/01/25 08:03	10/01/25 20:28	1
Silver	0.26	J	0.44	0.097	mg/Kg	☼	10/01/25 08:03	10/01/25 20:28	1
Sodium	74.1	J	109	49.8	mg/Kg	☼	10/01/25 08:03	10/01/25 20:28	1
Thallium	0.084	J	0.44	0.045	mg/Kg	☼	10/01/25 08:03	10/01/25 20:28	1
Vanadium	25.9		2.2	0.22	mg/Kg	☼	10/01/25 08:03	10/01/25 20:28	1
Zinc	75.8		8.7	1.2	mg/Kg	☼	10/01/25 08:03	10/01/25 20:28	1

Method: SW846 7471B - Mercury (CVAA)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	0.032		0.019	0.0092	mg/Kg	☼	10/01/25 02:19	10/01/25 19:34	1

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Percent Moisture (EPA Moisture)	12.7		1.0	1.0	%			09/30/25 17:39	1
Percent Solids (EPA Moisture)	87.3		1.0	1.0	%			09/30/25 17:39	1

Client: Haley & Aldrich, Inc.
Project/Site: Former Port Mobil

Job ID: 460-335747-1

Client Sample ID: 53A1_7-8
Date Collected: 09/25/25 09:30
Date Received: 09/25/25 16:10

Lab Sample ID: 460-335747-17
Matrix: Solid
Percent Solids: 88.5

Method: SW846 8260D - Volatile Organic Compounds by GC/MS

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1-Trichloroethane	0.00096	U	0.00096	0.00022	mg/Kg	☼	09/27/25 08:36	09/29/25 23:42	1
1,1,2,2-Tetrachloroethane	0.00096	U	0.00096	0.00050	mg/Kg	☼	09/27/25 08:36	09/29/25 23:42	1
1,1,2-Trichloro-1,2,2-trifluoroethane	0.00096	U	0.00096	0.00029	mg/Kg	☼	09/27/25 08:36	09/29/25 23:42	1
1,1,2-Trichloroethane	0.00096	U	0.00096	0.00057	mg/Kg	☼	09/27/25 08:36	09/29/25 23:42	1
1,1-Dichloroethane	0.00096	U	0.00096	0.00057	mg/Kg	☼	09/27/25 08:36	09/29/25 23:42	1
1,1-Dichloroethene	0.00096	U	0.00096	0.00022	mg/Kg	☼	09/27/25 08:36	09/29/25 23:42	1
1,2,3-Trichlorobenzene	0.00096	U	0.00096	0.00071	mg/Kg	☼	09/27/25 08:36	09/29/25 23:42	1
1,2,4-Trichlorobenzene	0.00096	U	0.00096	0.00034	mg/Kg	☼	09/27/25 08:36	09/29/25 23:42	1
1,2,4-Trimethylbenzene	0.00096	U	0.00096	0.00024	mg/Kg	☼	09/27/25 08:36	09/29/25 23:42	1
1,2-Dibromo-3-Chloropropane	0.00096	U	0.00096	0.00044	mg/Kg	☼	09/27/25 08:36	09/29/25 23:42	1
1,2-Dichlorobenzene	0.00096	U	0.00096	0.00035	mg/Kg	☼	09/27/25 08:36	09/29/25 23:42	1
1,2-Dichloroethane	0.00096	U	0.00096	0.00028	mg/Kg	☼	09/27/25 08:36	09/29/25 23:42	1
1,2-Dichloropropane	0.00096	U	0.00096	0.00040	mg/Kg	☼	09/27/25 08:36	09/29/25 23:42	1
1,3,5-Trimethylbenzene	0.00096	U	0.00096	0.00030	mg/Kg	☼	09/27/25 08:36	09/29/25 23:42	1
1,3-Dichlorobenzene	0.00096	U	0.00096	0.00035	mg/Kg	☼	09/27/25 08:36	09/29/25 23:42	1
1,4-Dichlorobenzene	0.00096	U	0.00096	0.00050	mg/Kg	☼	09/27/25 08:36	09/29/25 23:42	1
2-Butanone (MEK)	0.0048	U	0.0048	0.00035	mg/Kg	☼	09/27/25 08:36	09/29/25 23:42	1
2-Hexanone	0.0048	U	0.0048	0.0016	mg/Kg	☼	09/27/25 08:36	09/29/25 23:42	1
4-Methyl-2-pentanone (MIBK)	0.0048	U	0.0048	0.0015	mg/Kg	☼	09/27/25 08:36	09/29/25 23:42	1
Acetone	0.0057	U	0.0057	0.0055	mg/Kg	☼	09/27/25 08:36	09/29/25 23:42	1
Benzene	0.00096	U	0.00096	0.00054	mg/Kg	☼	09/27/25 08:36	09/29/25 23:42	1
Bromoform	0.00096	U	0.00096	0.00041	mg/Kg	☼	09/27/25 08:36	09/29/25 23:42	1
Bromomethane	0.0019	U	0.0019	0.00096	mg/Kg	☼	09/27/25 08:36	09/29/25 23:42	1
Carbon disulfide	0.00096	U	0.00096	0.00025	mg/Kg	☼	09/27/25 08:36	09/29/25 23:42	1
Carbon tetrachloride	0.00096	U	0.00096	0.00037	mg/Kg	☼	09/27/25 08:36	09/29/25 23:42	1
Chlorobenzene	0.00096	U	0.00096	0.00048	mg/Kg	☼	09/27/25 08:36	09/29/25 23:42	1
Chlorobromomethane	0.00096	U	0.00096	0.00057	mg/Kg	☼	09/27/25 08:36	09/29/25 23:42	1
Chlorodibromomethane	0.00096	U	0.00096	0.00051	mg/Kg	☼	09/27/25 08:36	09/29/25 23:42	1
Chloroethane	0.00096	U	0.00096	0.00050	mg/Kg	☼	09/27/25 08:36	09/29/25 23:42	1
Chloroform	0.00096	U	0.00096	0.00093	mg/Kg	☼	09/27/25 08:36	09/29/25 23:42	1
Chloromethane	0.00096	U	0.00096	0.00042	mg/Kg	☼	09/27/25 08:36	09/29/25 23:42	1
cis-1,2-Dichloroethene	0.00096	U	0.00096	0.00034	mg/Kg	☼	09/27/25 08:36	09/29/25 23:42	1
cis-1,3-Dichloropropene	0.00096	U	0.00096	0.00026	mg/Kg	☼	09/27/25 08:36	09/29/25 23:42	1
Cyclohexane	0.00096	U	0.00096	0.00021	mg/Kg	☼	09/27/25 08:36	09/29/25 23:42	1
Dichlorobromomethane	0.00096	U	0.00096	0.00025	mg/Kg	☼	09/27/25 08:36	09/29/25 23:42	1
Dichlorodifluoromethane	0.00096	U	0.00096	0.00032	mg/Kg	☼	09/27/25 08:36	09/29/25 23:42	1
Ethylbenzene	0.00096	U	0.00096	0.00045	mg/Kg	☼	09/27/25 08:36	09/29/25 23:42	1
Ethylene Dibromide	0.00096	U	0.00096	0.00048	mg/Kg	☼	09/27/25 08:36	09/29/25 23:42	1
Isopropylbenzene	0.00096	U	0.00096	0.00027	mg/Kg	☼	09/27/25 08:36	09/29/25 23:42	1
Methyl acetate	0.0048	U	0.0048	0.0041	mg/Kg	☼	09/27/25 08:36	09/29/25 23:42	1
Methyl tert-butyl ether	0.00096	U	0.00096	0.00049	mg/Kg	☼	09/27/25 08:36	09/29/25 23:42	1
Methylcyclohexane	0.00096	U	0.00096	0.00048	mg/Kg	☼	09/27/25 08:36	09/29/25 23:42	1
Methylene Chloride	**0.0020**		0.0019	0.0011	mg/Kg	☼	09/27/25 08:36	09/29/25 23:42	1
m-Xylene & p-Xylene	0.00096	U	0.00096	0.00040	mg/Kg	☼	09/27/25 08:36	09/29/25 23:42	1
n-Butylbenzene	0.00096	U	0.00096	0.00028	mg/Kg	☼	09/27/25 08:36	09/29/25 23:42	1
N-Propylbenzene	0.00096	U	0.00096	0.00043	mg/Kg	☼	09/27/25 08:36	09/29/25 23:42	1
o-Xylene	0.00096	U	0.00096	0.00044	mg/Kg	☼	09/27/25 08:36	09/29/25 23:42	1
sec-Butylbenzene	0.00096	U	0.00096	0.00028	mg/Kg	☼	09/27/25 08:36	09/29/25 23:42	1
Styrene	0.00096	U	0.00096	0.00027	mg/Kg	☼	09/27/25 08:36	09/29/25 23:42	1

Client Sample ID: 53A1_7-8

Lab Sample ID: 460-335747-17

Date Collected: 09/25/25 09:30
Matrix: Solid
Date Received: 09/25/25 16:10
Percent Solids: 88.5

Method: SW846 8260D - Volatile Organic Compounds by GC/MS (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
tert-Butylbenzene	0.00096	U	0.00096	0.00026	mg/Kg	☼	09/27/25 08:36	09/29/25 23:42	1
Tetrachloroethene	0.00096	U	0.00096	0.00029	mg/Kg	☼	09/27/25 08:36	09/29/25 23:42	1
Toluene	0.00096	U	0.00096	0.00022	mg/Kg	☼	09/27/25 08:36	09/29/25 23:42	1
trans-1,2-Dichloroethene	0.00096	U	0.00096	0.00024	mg/Kg	☼	09/27/25 08:36	09/29/25 23:42	1
trans-1,3-Dichloropropene	0.00096	U	0.00096	0.00025	mg/Kg	☼	09/27/25 08:36	09/29/25 23:42	1
Trichloroethene	0.00096	U	0.00096	0.00031	mg/Kg	☼	09/27/25 08:36	09/29/25 23:42	1
Trichlorofluoromethane	0.00096	U	0.00096	0.00039	mg/Kg	☼	09/27/25 08:36	09/29/25 23:42	1
Vinyl chloride	0.00096	U	0.00096	0.00052	mg/Kg	☼	09/27/25 08:36	09/29/25 23:42	1
Xylenes, Total	0.0019	U	0.0019	0.00017	mg/Kg	☼	09/27/25 08:36	09/29/25 23:42	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,2-Dichloroethane-d4 (Surr)	*127*		*65 - 138*	*09/27/25 08:36*	*09/29/25 23:42*	*1*
4-Bromofluorobenzene	*108*		*71 - 128*	*09/27/25 08:36*	*09/29/25 23:42*	*1*
Dibromofluoromethane (Surr)	*125*		*50 - 150*	*09/27/25 08:36*	*09/29/25 23:42*	*1*
Toluene-d8 (Surr)	*112*		*71 - 126*	*09/27/25 08:36*	*09/29/25 23:42*	*1*

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Percent Moisture (EPA Moisture)	**11.5**		1.0	1.0	%			09/28/25 21:10	1
Percent Solids (EPA Moisture)	**88.5**		1.0	1.0	%			09/28/25 21:10	1

Client Sample ID: 53A2_9-10

Lab Sample ID: 460-335747-18

Date Collected: 09/25/25 09:40
Matrix: Solid
Date Received: 09/25/25 16:10
Percent Solids: 88.2

Method: SW846 8260D - Volatile Organic Compounds by GC/MS

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1-Trichloroethane	0.00085	U	0.00085	0.00020	mg/Kg	☼	09/27/25 08:36	09/30/25 00:06	1
1,1,2,2-Tetrachloroethane	0.00085	U	0.00085	0.00045	mg/Kg	☼	09/27/25 08:36	09/30/25 00:06	1
1,1,2-Trichloro-1,2,2-trifluoroethane	0.00085	U	0.00085	0.00026	mg/Kg	☼	09/27/25 08:36	09/30/25 00:06	1
1,1,2-Trichloroethane	0.00085	U	0.00085	0.00051	mg/Kg	☼	09/27/25 08:36	09/30/25 00:06	1
1,1-Dichloroethane	0.00085	U	0.00085	0.00051	mg/Kg	☼	09/27/25 08:36	09/30/25 00:06	1
1,1-Dichloroethene	0.00085	U	0.00085	0.00019	mg/Kg	☼	09/27/25 08:36	09/30/25 00:06	1
1,2,3-Trichlorobenzene	0.00085	U	0.00085	0.00063	mg/Kg	☼	09/27/25 08:36	09/30/25 00:06	1
1,2,4-Trichlorobenzene	0.00085	U	0.00085	0.00031	mg/Kg	☼	09/27/25 08:36	09/30/25 00:06	1
1,2,4-Trimethylbenzene	0.00085	U	0.00085	0.00021	mg/Kg	☼	09/27/25 08:36	09/30/25 00:06	1
1,2-Dibromo-3-Chloropropane	0.00085	U	0.00085	0.00039	mg/Kg	☼	09/27/25 08:36	09/30/25 00:06	1
1,2-Dichlorobenzene	0.00085	U	0.00085	0.00031	mg/Kg	☼	09/27/25 08:36	09/30/25 00:06	1
1,2-Dichloroethane	0.00085	U	0.00085	0.00025	mg/Kg	☼	09/27/25 08:36	09/30/25 00:06	1
1,2-Dichloropropane	0.00085	U	0.00085	0.00036	mg/Kg	☼	09/27/25 08:36	09/30/25 00:06	1
1,3,5-Trimethylbenzene	0.00085	U	0.00085	0.00027	mg/Kg	☼	09/27/25 08:36	09/30/25 00:06	1
1,3-Dichlorobenzene	0.00085	U	0.00085	0.00031	mg/Kg	☼	09/27/25 08:36	09/30/25 00:06	1
1,4-Dichlorobenzene	0.00085	U	0.00085	0.00044	mg/Kg	☼	09/27/25 08:36	09/30/25 00:06	1
2-Butanone (MEK)	0.0043	U	0.0043	0.00031	mg/Kg	☼	09/27/25 08:36	09/30/25 00:06	1
2-Hexanone	0.0043	U	0.0043	0.0015	mg/Kg	☼	09/27/25 08:36	09/30/25 00:06	1
4-Methyl-2-pentanone (MIBK)	0.0043	U	0.0043	0.0013	mg/Kg	☼	09/27/25 08:36	09/30/25 00:06	1
Acetone	0.0051	U	0.0051	0.0049	mg/Kg	☼	09/27/25 08:36	09/30/25 00:06	1
Benzene	0.00085	U	0.00085	0.00048	mg/Kg	☼	09/27/25 08:36	09/30/25 00:06	1
Bromoform	0.00085	U	0.00085	0.00036	mg/Kg	☼	09/27/25 08:36	09/30/25 00:06	1
Bromomethane	0.0017	U	0.0017	0.00085	mg/Kg	☼	09/27/25 08:36	09/30/25 00:06	1

Client Sample ID: 53A2_9-10
Date Collected: 09/25/25 09:40
Date Received: 09/25/25 16:10

Lab Sample ID: 460-335747-18
Matrix: Solid
Percent Solids: 88.2

Method: SW846 8260D - Volatile Organic Compounds by GC/MS (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Carbon disulfide	0.00085	U	0.00085	0.00023	mg/Kg	☼	09/27/25 08:36	09/30/25 00:06	1
Carbon tetrachloride	0.00085	U	0.00085	0.00033	mg/Kg	☼	09/27/25 08:36	09/30/25 00:06	1
Chlorobenzene	0.00085	U	0.00085	0.00043	mg/Kg	☼	09/27/25 08:36	09/30/25 00:06	1
Chlorobromomethane	0.00085	U	0.00085	0.00051	mg/Kg	☼	09/27/25 08:36	09/30/25 00:06	1
Chlorodibromomethane	0.00085	U	0.00085	0.00046	mg/Kg	☼	09/27/25 08:36	09/30/25 00:06	1
Chloroethane	0.00085	U	0.00085	0.00045	mg/Kg	☼	09/27/25 08:36	09/30/25 00:06	1
Chloroform	0.00085	U	0.00085	0.00083	mg/Kg	☼	09/27/25 08:36	09/30/25 00:06	1
Chloromethane	0.00085	U	0.00085	0.00037	mg/Kg	☼	09/27/25 08:36	09/30/25 00:06	1
cis-1,2-Dichloroethene	0.00085	U	0.00085	0.00031	mg/Kg	☼	09/27/25 08:36	09/30/25 00:06	1
cis-1,3-Dichloropropene	0.00085	U	0.00085	0.00023	mg/Kg	☼	09/27/25 08:36	09/30/25 00:06	1
Cyclohexane	0.00085	U	0.00085	0.00019	mg/Kg	☼	09/27/25 08:36	09/30/25 00:06	1
Dichlorobromomethane	0.00085	U	0.00085	0.00022	mg/Kg	☼	09/27/25 08:36	09/30/25 00:06	1
Dichlorodifluoromethane	0.00085	U	0.00085	0.00029	mg/Kg	☼	09/27/25 08:36	09/30/25 00:06	1
Ethylbenzene	0.00085	U	0.00085	0.00040	mg/Kg	☼	09/27/25 08:36	09/30/25 00:06	1
Ethylene Dibromide	0.00085	U	0.00085	0.00043	mg/Kg	☼	09/27/25 08:36	09/30/25 00:06	1
Isopropylbenzene	0.00085	U	0.00085	0.00024	mg/Kg	☼	09/27/25 08:36	09/30/25 00:06	1
Methyl acetate	0.0043	U	0.0043	0.0037	mg/Kg	☼	09/27/25 08:36	09/30/25 00:06	1
Methyl tert-butyl ether	0.00085	U	0.00085	0.00044	mg/Kg	☼	09/27/25 08:36	09/30/25 00:06	1
Methylcyclohexane	0.00085	U	0.00085	0.00043	mg/Kg	☼	09/27/25 08:36	09/30/25 00:06	1
Methylene Chloride	**0.0014**	**J**	0.0017	0.00098	mg/Kg	☼	09/27/25 08:36	09/30/25 00:06	1
m-Xylene & p-Xylene	0.00085	U	0.00085	0.00036	mg/Kg	☼	09/27/25 08:36	09/30/25 00:06	1
n-Butylbenzene	0.00085	U	0.00085	0.00025	mg/Kg	☼	09/27/25 08:36	09/30/25 00:06	1
N-Propylbenzene	0.00085	U	0.00085	0.00038	mg/Kg	☼	09/27/25 08:36	09/30/25 00:06	1
o-Xylene	0.00085	U	0.00085	0.00039	mg/Kg	☼	09/27/25 08:36	09/30/25 00:06	1
sec-Butylbenzene	0.00085	U	0.00085	0.00025	mg/Kg	☼	09/27/25 08:36	09/30/25 00:06	1
Styrene	0.00085	U	0.00085	0.00024	mg/Kg	☼	09/27/25 08:36	09/30/25 00:06	1
tert-Butylbenzene	0.00085	U	0.00085	0.00024	mg/Kg	☼	09/27/25 08:36	09/30/25 00:06	1
Tetrachloroethene	0.00085	U	0.00085	0.00026	mg/Kg	☼	09/27/25 08:36	09/30/25 00:06	1
Toluene	0.00085	U	0.00085	0.00020	mg/Kg	☼	09/27/25 08:36	09/30/25 00:06	1
trans-1,2-Dichloroethene	0.00085	U	0.00085	0.00021	mg/Kg	☼	09/27/25 08:36	09/30/25 00:06	1
trans-1,3-Dichloropropene	0.00085	U	0.00085	0.00023	mg/Kg	☼	09/27/25 08:36	09/30/25 00:06	1
Trichloroethene	0.00085	U	0.00085	0.00027	mg/Kg	☼	09/27/25 08:36	09/30/25 00:06	1
Trichlorofluoromethane	0.00085	U	0.00085	0.00035	mg/Kg	☼	09/27/25 08:36	09/30/25 00:06	1
Vinyl chloride	0.00085	U	0.00085	0.00047	mg/Kg	☼	09/27/25 08:36	09/30/25 00:06	1
Xylenes, Total	0.0017	U	0.0017	0.00015	mg/Kg	☼	09/27/25 08:36	09/30/25 00:06	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,2-Dichloroethane-d4 (Surr)	*125*		*65 - 138*	*09/27/25 08:36*	*09/30/25 00:06*	*1*
4-Bromofluorobenzene	*107*		*71 - 128*	*09/27/25 08:36*	*09/30/25 00:06*	*1*
Dibromofluoromethane (Surr)	*119*		*50 - 150*	*09/27/25 08:36*	*09/30/25 00:06*	*1*
Toluene-d8 (Surr)	*110*		*71 - 126*	*09/27/25 08:36*	*09/30/25 00:06*	*1*

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Percent Moisture (EPA Moisture)	**11.8**		1.0	1.0	%			09/28/25 21:10	1
Percent Solids (EPA Moisture)	**88.2**		1.0	1.0	%			09/28/25 21:10	1

Client: Haley & Aldrich, Inc.
Project/Site: Former Port Mobil

Job ID: 460-335747-1

Client Sample ID: 53A1_8-9
Date Collected: 09/25/25 09:45
Date Received: 09/25/25 16:10

Lab Sample ID: 460-335747-19
Matrix: Solid
Percent Solids: 86.4

Method: SW846 8260D - Volatile Organic Compounds by GC/MS

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1-Trichloroethane	0.00088	U	0.00088	0.00021	mg/Kg	☼	09/27/25 08:36	09/30/25 00:30	1
1,1,2,2-Tetrachloroethane	0.00088	U	0.00088	0.00046	mg/Kg	☼	09/27/25 08:36	09/30/25 00:30	1
1,1,2-Trichloro-1,2,2-trifluoroethane	0.00088	U	0.00088	0.00027	mg/Kg	☼	09/27/25 08:36	09/30/25 00:30	1
1,1,2-Trichloroethane	0.00088	U	0.00088	0.00053	mg/Kg	☼	09/27/25 08:36	09/30/25 00:30	1
1,1-Dichloroethane	0.00088	U	0.00088	0.00053	mg/Kg	☼	09/27/25 08:36	09/30/25 00:30	1
1,1-Dichloroethene	0.00088	U	0.00088	0.00020	mg/Kg	☼	09/27/25 08:36	09/30/25 00:30	1
1,2,3-Trichlorobenzene	0.00088	U	0.00088	0.00065	mg/Kg	☼	09/27/25 08:36	09/30/25 00:30	1
1,2,4-Trichlorobenzene	0.00088	U	0.00088	0.00032	mg/Kg	☼	09/27/25 08:36	09/30/25 00:30	1
1,2,4-Trimethylbenzene	0.00088	U	0.00088	0.00022	mg/Kg	☼	09/27/25 08:36	09/30/25 00:30	1
1,2-Dibromo-3-Chloropropane	0.00088	U	0.00088	0.00041	mg/Kg	☼	09/27/25 08:36	09/30/25 00:30	1
1,2-Dichlorobenzene	0.00088	U	0.00088	0.00032	mg/Kg	☼	09/27/25 08:36	09/30/25 00:30	1
1,2-Dichloroethane	0.00088	U	0.00088	0.00026	mg/Kg	☼	09/27/25 08:36	09/30/25 00:30	1
1,2-Dichloropropane	0.00088	U	0.00088	0.00037	mg/Kg	☼	09/27/25 08:36	09/30/25 00:30	1
1,3,5-Trimethylbenzene	0.00088	U	0.00088	0.00028	mg/Kg	☼	09/27/25 08:36	09/30/25 00:30	1
1,3-Dichlorobenzene	0.00088	U	0.00088	0.00032	mg/Kg	☼	09/27/25 08:36	09/30/25 00:30	1
1,4-Dichlorobenzene	0.00088	U	0.00088	0.00046	mg/Kg	☼	09/27/25 08:36	09/30/25 00:30	1
2-Butanone (MEK)	0.0044	U	0.0044	0.00032	mg/Kg	☼	09/27/25 08:36	09/30/25 00:30	1
2-Hexanone	0.0044	U	0.0044	0.0015	mg/Kg	☼	09/27/25 08:36	09/30/25 00:30	1
4-Methyl-2-pentanone (MIBK)	0.0044	U	0.0044	0.0014	mg/Kg	☼	09/27/25 08:36	09/30/25 00:30	1
Acetone	0.0053	U	0.0053	0.0050	mg/Kg	☼	09/27/25 08:36	09/30/25 00:30	1
Benzene	0.00088	U	0.00088	0.00050	mg/Kg	☼	09/27/25 08:36	09/30/25 00:30	1
Bromoform	0.00088	U	0.00088	0.00037	mg/Kg	☼	09/27/25 08:36	09/30/25 00:30	1
Bromomethane	0.0018	U	0.0018	0.00088	mg/Kg	☼	09/27/25 08:36	09/30/25 00:30	1
Carbon disulfide	0.00088	U	0.00088	0.00023	mg/Kg	☼	09/27/25 08:36	09/30/25 00:30	1
Carbon tetrachloride	0.00088	U	0.00088	0.00034	mg/Kg	☼	09/27/25 08:36	09/30/25 00:30	1
Chlorobenzene	0.00088	U	0.00088	0.00045	mg/Kg	☼	09/27/25 08:36	09/30/25 00:30	1
Chlorobromomethane	0.00088	U	0.00088	0.00053	mg/Kg	☼	09/27/25 08:36	09/30/25 00:30	1
Chlorodibromomethane	0.00088	U	0.00088	0.00047	mg/Kg	☼	09/27/25 08:36	09/30/25 00:30	1
Chloroethane	0.00088	U	0.00088	0.00046	mg/Kg	☼	09/27/25 08:36	09/30/25 00:30	1
Chloroform	0.00088	U	0.00088	0.00086	mg/Kg	☼	09/27/25 08:36	09/30/25 00:30	1
Chloromethane	0.00088	U	0.00088	0.00038	mg/Kg	☼	09/27/25 08:36	09/30/25 00:30	1
cis-1,2-Dichloroethene	0.00088	U	0.00088	0.00032	mg/Kg	☼	09/27/25 08:36	09/30/25 00:30	1
cis-1,3-Dichloropropene	0.00088	U	0.00088	0.00024	mg/Kg	☼	09/27/25 08:36	09/30/25 00:30	1
Cyclohexane	0.00088	U	0.00088	0.00019	mg/Kg	☼	09/27/25 08:36	09/30/25 00:30	1
Dichlorobromomethane	0.00088	U	0.00088	0.00023	mg/Kg	☼	09/27/25 08:36	09/30/25 00:30	1
Dichlorodifluoromethane	0.00088	U	0.00088	0.00030	mg/Kg	☼	09/27/25 08:36	09/30/25 00:30	1
Ethylbenzene	0.00088	U	0.00088	0.00041	mg/Kg	☼	09/27/25 08:36	09/30/25 00:30	1
Ethylene Dibromide	0.00088	U	0.00088	0.00044	mg/Kg	☼	09/27/25 08:36	09/30/25 00:30	1
Isopropylbenzene	0.00088	U	0.00088	0.00025	mg/Kg	☼	09/27/25 08:36	09/30/25 00:30	1
Methyl acetate	0.0044	U	0.0044	0.0038	mg/Kg	☼	09/27/25 08:36	09/30/25 00:30	1
Methyl tert-butyl ether	0.00088	U	0.00088	0.00045	mg/Kg	☼	09/27/25 08:36	09/30/25 00:30	1
Methylcyclohexane	0.00088	U	0.00088	0.00044	mg/Kg	☼	09/27/25 08:36	09/30/25 00:30	1
Methylene Chloride	**0.0016**	**J**	0.0018	0.0010	mg/Kg	☼	09/27/25 08:36	09/30/25 00:30	1
m-Xylene & p-Xylene	0.00088	U	0.00088	0.00037	mg/Kg	☼	09/27/25 08:36	09/30/25 00:30	1
n-Butylbenzene	0.00088	U	0.00088	0.00026	mg/Kg	☼	09/27/25 08:36	09/30/25 00:30	1
N-Propylbenzene	0.00088	U	0.00088	0.00040	mg/Kg	☼	09/27/25 08:36	09/30/25 00:30	1
o-Xylene	0.00088	U	0.00088	0.00041	mg/Kg	☼	09/27/25 08:36	09/30/25 00:30	1
sec-Butylbenzene	0.00088	U	0.00088	0.00025	mg/Kg	☼	09/27/25 08:36	09/30/25 00:30	1
Styrene	0.00088	U	0.00088	0.00025	mg/Kg	☼	09/27/25 08:36	09/30/25 00:30	1

Client Sample ID: 53A1_8-9

Lab Sample ID: 460-335747-19

Date Collected: 09/25/25 09:45
Matrix: Solid
Date Received: 09/25/25 16:10
Percent Solids: 86.4

Method: SW846 8260D - Volatile Organic Compounds by GC/MS (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
tert-Butylbenzene	0.00088	U	0.00088	0.00024	mg/Kg	☼	09/27/25 08:36	09/30/25 00:30	1
Tetrachloroethene	0.00088	U	0.00088	0.00027	mg/Kg	☼	09/27/25 08:36	09/30/25 00:30	1
Toluene	0.00088	U	0.00088	0.00021	mg/Kg	☼	09/27/25 08:36	09/30/25 00:30	1
trans-1,2-Dichloroethene	0.00088	U	0.00088	0.00022	mg/Kg	☼	09/27/25 08:36	09/30/25 00:30	1
trans-1,3-Dichloropropene	0.00088	U	0.00088	0.00023	mg/Kg	☼	09/27/25 08:36	09/30/25 00:30	1
Trichloroethene	0.00088	U	0.00088	0.00028	mg/Kg	☼	09/27/25 08:36	09/30/25 00:30	1
Trichlorofluoromethane	0.00088	U	0.00088	0.00036	mg/Kg	☼	09/27/25 08:36	09/30/25 00:30	1
Vinyl chloride	0.00088	U	0.00088	0.00048	mg/Kg	☼	09/27/25 08:36	09/30/25 00:30	1
Xylenes, Total	0.0018	U	0.0018	0.00015	mg/Kg	☼	09/27/25 08:36	09/30/25 00:30	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,2-Dichloroethane-d4 (Surr)	*122*		*65 - 138*	*09/27/25 08:36*	*09/30/25 00:30*	*1*
4-Bromofluorobenzene	*108*		*71 - 128*	*09/27/25 08:36*	*09/30/25 00:30*	*1*
Dibromofluoromethane (Surr)	*121*		*50 - 150*	*09/27/25 08:36*	*09/30/25 00:30*	*1*
Toluene-d8 (Surr)	*111*		*71 - 126*	*09/27/25 08:36*	*09/30/25 00:30*	*1*

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Percent Moisture (EPA Moisture)	**13.6**		1.0	1.0	%			09/28/25 21:10	1
Percent Solids (EPA Moisture)	**86.4**		1.0	1.0	%			09/28/25 21:10	1

Client Sample ID: 53A2_5-6

Lab Sample ID: 460-335747-20

Date Collected: 09/25/25 09:50
Matrix: Solid
Date Received: 09/25/25 16:10
Percent Solids: 87.7

Method: SW846 8260D - Volatile Organic Compounds by GC/MS

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1-Trichloroethane	0.0015	U	0.0015	0.00034	mg/Kg	☼	09/27/25 08:37	09/30/25 00:53	1
1,1,2,2-Tetrachloroethane	0.0015	U	0.0015	0.00077	mg/Kg	☼	09/27/25 08:37	09/30/25 00:53	1
1,1,2-Trichloro-1,2,2-trifluoroethane	0.0015	U	0.0015	0.00045	mg/Kg	☼	09/27/25 08:37	09/30/25 00:53	1
1,1,2-Trichloroethane	0.0015	U	0.0015	0.00089	mg/Kg	☼	09/27/25 08:37	09/30/25 00:53	1
1,1-Dichloroethane	0.0015	U	0.0015	0.00088	mg/Kg	☼	09/27/25 08:37	09/30/25 00:53	1
1,1-Dichloroethene	0.0015	U	0.0015	0.00033	mg/Kg	☼	09/27/25 08:37	09/30/25 00:53	1
1,2,3-Trichlorobenzene	0.0015	U	0.0015	0.0011	mg/Kg	☼	09/27/25 08:37	09/30/25 00:53	1
1,2,4-Trichlorobenzene	0.0015	U	0.0015	0.00053	mg/Kg	☼	09/27/25 08:37	09/30/25 00:53	1
1,2,4-Trimethylbenzene	0.0015	U	0.0015	0.00036	mg/Kg	☼	09/27/25 08:37	09/30/25 00:53	1
1,2-Dibromo-3-Chloropropane	0.0015	U	0.0015	0.00068	mg/Kg	☼	09/27/25 08:37	09/30/25 00:53	1
1,2-Dichlorobenzene	0.0015	U	0.0015	0.00053	mg/Kg	☼	09/27/25 08:37	09/30/25 00:53	1
1,2-Dichloroethane	0.0015	U	0.0015	0.00044	mg/Kg	☼	09/27/25 08:37	09/30/25 00:53	1
1,2-Dichloropropane	0.0015	U	0.0015	0.00063	mg/Kg	☼	09/27/25 08:37	09/30/25 00:53	1
1,3,5-Trimethylbenzene	0.0015	U	0.0015	0.00046	mg/Kg	☼	09/27/25 08:37	09/30/25 00:53	1
1,3-Dichlorobenzene	0.0015	U	0.0015	0.00054	mg/Kg	☼	09/27/25 08:37	09/30/25 00:53	1
1,4-Dichlorobenzene	0.0015	U	0.0015	0.00077	mg/Kg	☼	09/27/25 08:37	09/30/25 00:53	1
2-Butanone (MEK)	0.0074	U	0.0074	0.00054	mg/Kg	☼	09/27/25 08:37	09/30/25 00:53	1
2-Hexanone	0.0074	U	0.0074	0.0025	mg/Kg	☼	09/27/25 08:37	09/30/25 00:53	1
4-Methyl-2-pentanone (MIBK)	0.0074	U	0.0074	0.0023	mg/Kg	☼	09/27/25 08:37	09/30/25 00:53	1
Acetone	0.0089	U	0.0089	0.0085	mg/Kg	☼	09/27/25 08:37	09/30/25 00:53	1
Benzene	0.0015	U	0.0015	0.00084	mg/Kg	☼	09/27/25 08:37	09/30/25 00:53	1
Bromoform	0.0015	U	0.0015	0.00063	mg/Kg	☼	09/27/25 08:37	09/30/25 00:53	1
Bromomethane	0.0030	U	0.0030	0.0015	mg/Kg	☼	09/27/25 08:37	09/30/25 00:53	1

Client Sample ID: 53A2_5-6
Date Collected: 09/25/25 09:50
Date Received: 09/25/25 16:10

Lab Sample ID: 460-335747-20
Matrix: Solid
Percent Solids: 87.7

Method: SW846 8260D - Volatile Organic Compounds by GC/MS (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Carbon disulfide	0.0015	U	0.0015	0.00039	mg/Kg	☼	09/27/25 08:37	09/30/25 00:53	1
Carbon tetrachloride	0.0015	U	0.0015	0.00057	mg/Kg	☼	09/27/25 08:37	09/30/25 00:53	1
Chlorobenzene	0.0015	U	0.0015	0.00075	mg/Kg	☼	09/27/25 08:37	09/30/25 00:53	1
Chlorobromomethane	0.0015	U	0.0015	0.00088	mg/Kg	☼	09/27/25 08:37	09/30/25 00:53	1
Chlorodibromomethane	0.0015	U	0.0015	0.00079	mg/Kg	☼	09/27/25 08:37	09/30/25 00:53	1
Chloroethane	0.0015	U	0.0015	0.00077	mg/Kg	☼	09/27/25 08:37	09/30/25 00:53	1
Chloroform	0.0015	U	0.0015	0.0014	mg/Kg	☼	09/27/25 08:37	09/30/25 00:53	1
Chloromethane	0.0015	U	0.0015	0.00064	mg/Kg	☼	09/27/25 08:37	09/30/25 00:53	1
cis-1,2-Dichloroethene	0.0015	U	0.0015	0.00053	mg/Kg	☼	09/27/25 08:37	09/30/25 00:53	1
cis-1,3-Dichloropropene	0.0015	U	0.0015	0.00040	mg/Kg	☼	09/27/25 08:37	09/30/25 00:53	1
Cyclohexane	0.0015	U	0.0015	0.00033	mg/Kg	☼	09/27/25 08:37	09/30/25 00:53	1
Dichlorobromomethane	0.0015	U	0.0015	0.00038	mg/Kg	☼	09/27/25 08:37	09/30/25 00:53	1
Dichlorodifluoromethane	0.0015	U	0.0015	0.00050	mg/Kg	☼	09/27/25 08:37	09/30/25 00:53	1
Ethylbenzene	0.0015	U	0.0015	0.00069	mg/Kg	☼	09/27/25 08:37	09/30/25 00:53	1
Ethylene Dibromide	0.0015	U	0.0015	0.00075	mg/Kg	☼	09/27/25 08:37	09/30/25 00:53	1
Isopropylbenzene	0.0015	U	0.0015	0.00042	mg/Kg	☼	09/27/25 08:37	09/30/25 00:53	1
Methyl acetate	0.0074	U	0.0074	0.0064	mg/Kg	☼	09/27/25 08:37	09/30/25 00:53	1
Methyl tert-butyl ether	0.0015	U	0.0015	0.00076	mg/Kg	☼	09/27/25 08:37	09/30/25 00:53	1
Methylcyclohexane	0.0015	U	0.0015	0.00074	mg/Kg	☼	09/27/25 08:37	09/30/25 00:53	1
Methylene Chloride	**0.0029**	**J**	0.0030	0.0017	mg/Kg	☼	09/27/25 08:37	09/30/25 00:53	1
m-Xylene & p-Xylene	0.0015	U	0.0015	0.00063	mg/Kg	☼	09/27/25 08:37	09/30/25 00:53	1
n-Butylbenzene	0.0015	U	0.0015	0.00043	mg/Kg	☼	09/27/25 08:37	09/30/25 00:53	1
N-Propylbenzene	0.0015	U	0.0015	0.00066	mg/Kg	☼	09/27/25 08:37	09/30/25 00:53	1
o-Xylene	0.0015	U	0.0015	0.00068	mg/Kg	☼	09/27/25 08:37	09/30/25 00:53	1
sec-Butylbenzene	0.0015	U	0.0015	0.00043	mg/Kg	☼	09/27/25 08:37	09/30/25 00:53	1
Styrene	0.0015	U	0.0015	0.00041	mg/Kg	☼	09/27/25 08:37	09/30/25 00:53	1
tert-Butylbenzene	0.0015	U	0.0015	0.00041	mg/Kg	☼	09/27/25 08:37	09/30/25 00:53	1
Tetrachloroethene	0.0015	U	0.0015	0.00045	mg/Kg	☼	09/27/25 08:37	09/30/25 00:53	1
Toluene	0.0015	U	0.0015	0.00035	mg/Kg	☼	09/27/25 08:37	09/30/25 00:53	1
trans-1,2-Dichloroethene	0.0015	U	0.0015	0.00036	mg/Kg	☼	09/27/25 08:37	09/30/25 00:53	1
trans-1,3-Dichloropropene	0.0015	U	0.0015	0.00039	mg/Kg	☼	09/27/25 08:37	09/30/25 00:53	1
Trichloroethene	0.0015	U	0.0015	0.00047	mg/Kg	☼	09/27/25 08:37	09/30/25 00:53	1
Trichlorofluoromethane	0.0015	U	0.0015	0.00060	mg/Kg	☼	09/27/25 08:37	09/30/25 00:53	1
Vinyl chloride	0.0015	U	0.0015	0.00081	mg/Kg	☼	09/27/25 08:37	09/30/25 00:53	1
Xylenes, Total	0.0030	U	0.0030	0.00026	mg/Kg	☼	09/27/25 08:37	09/30/25 00:53	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,2-Dichloroethane-d4 (Surr)	*124*		*65 - 138*	*09/27/25 08:37*	*09/30/25 00:53*	*1*
4-Bromofluorobenzene	*107*		*71 - 128*	*09/27/25 08:37*	*09/30/25 00:53*	*1*
Dibromofluoromethane (Surr)	*122*		*50 - 150*	*09/27/25 08:37*	*09/30/25 00:53*	*1*
Toluene-d8 (Surr)	*110*		*71 - 126*	*09/27/25 08:37*	*09/30/25 00:53*	*1*

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Percent Moisture (EPA Moisture)	**12.3**		1.0	1.0	%			09/28/25 21:10	1
Percent Solids (EPA Moisture)	**87.7**		1.0	1.0	%			09/28/25 21:10	1

Client: Haley & Aldrich, Inc.
Project/Site: Former Port Mobil

Job ID: 460-335747-1

Client Sample ID: 53A1_4-5
Date Collected: 09/25/25 09:55
Date Received: 09/25/25 16:10

Lab Sample ID: 460-335747-21
Matrix: Solid
Percent Solids: 89.2

Method: SW846 8260D - Volatile Organic Compounds by GC/MS

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1-Trichloroethane	0.0011	U	0.0011	0.00025	mg/Kg	☼	09/27/25 08:37	09/30/25 01:17	1
1,1,2,2-Tetrachloroethane	0.0011	U	0.0011	0.00055	mg/Kg	☼	09/27/25 08:37	09/30/25 01:17	1
1,1,2-Trichloro-1,2,2-trifluoroethane	0.0011	U	0.0011	0.00032	mg/Kg	☼	09/27/25 08:37	09/30/25 01:17	1
1,1,2-Trichloroethane	0.0011	U	0.0011	0.00064	mg/Kg	☼	09/27/25 08:37	09/30/25 01:17	1
1,1-Dichloroethane	0.0011	U	0.0011	0.00063	mg/Kg	☼	09/27/25 08:37	09/30/25 01:17	1
1,1-Dichloroethene	0.0011	U	0.0011	0.00024	mg/Kg	☼	09/27/25 08:37	09/30/25 01:17	1
1,2,3-Trichlorobenzene	0.0011	U	0.0011	0.00078	mg/Kg	☼	09/27/25 08:37	09/30/25 01:17	1
1,2,4-Trichlorobenzene	0.0011	U	0.0011	0.00038	mg/Kg	☼	09/27/25 08:37	09/30/25 01:17	1
1,2,4-Trimethylbenzene	0.0011	U	0.0011	0.00026	mg/Kg	☼	09/27/25 08:37	09/30/25 01:17	1
1,2-Dibromo-3-Chloropropane	0.0011	U	0.0011	0.00049	mg/Kg	☼	09/27/25 08:37	09/30/25 01:17	1
1,2-Dichlorobenzene	0.0011	U	0.0011	0.00038	mg/Kg	☼	09/27/25 08:37	09/30/25 01:17	1
1,2-Dichloroethane	0.0011	U	0.0011	0.00031	mg/Kg	☼	09/27/25 08:37	09/30/25 01:17	1
1,2-Dichloropropane	0.0011	U	0.0011	0.00045	mg/Kg	☼	09/27/25 08:37	09/30/25 01:17	1
1,3,5-Trimethylbenzene	0.0011	U	0.0011	0.00033	mg/Kg	☼	09/27/25 08:37	09/30/25 01:17	1
1,3-Dichlorobenzene	0.0011	U	0.0011	0.00039	mg/Kg	☼	09/27/25 08:37	09/30/25 01:17	1
1,4-Dichlorobenzene	0.0011	U	0.0011	0.00055	mg/Kg	☼	09/27/25 08:37	09/30/25 01:17	1
2-Butanone (MEK)	0.0053	U	0.0053	0.00039	mg/Kg	☼	09/27/25 08:37	09/30/25 01:17	1
2-Hexanone	0.0053	U	0.0053	0.0018	mg/Kg	☼	09/27/25 08:37	09/30/25 01:17	1
4-Methyl-2-pentanone (MIBK)	0.0053	U	0.0053	0.0017	mg/Kg	☼	09/27/25 08:37	09/30/25 01:17	1
Acetone	0.0064	U	0.0064	0.0061	mg/Kg	☼	09/27/25 08:37	09/30/25 01:17	1
Benzene	0.0011	U	0.0011	0.00060	mg/Kg	☼	09/27/25 08:37	09/30/25 01:17	1
Bromoform	0.0011	U	0.0011	0.00045	mg/Kg	☼	09/27/25 08:37	09/30/25 01:17	1
Bromomethane	0.0021	U	0.0021	0.0011	mg/Kg	☼	09/27/25 08:37	09/30/25 01:17	1
Carbon disulfide	0.0011	U	0.0011	0.00028	mg/Kg	☼	09/27/25 08:37	09/30/25 01:17	1
Carbon tetrachloride	0.0011	U	0.0011	0.00041	mg/Kg	☼	09/27/25 08:37	09/30/25 01:17	1
Chlorobenzene	0.0011	U	0.0011	0.00054	mg/Kg	☼	09/27/25 08:37	09/30/25 01:17	1
Chlorobromomethane	0.0011	U	0.0011	0.00063	mg/Kg	☼	09/27/25 08:37	09/30/25 01:17	1
Chlorodibromomethane	0.0011	U	0.0011	0.00057	mg/Kg	☼	09/27/25 08:37	09/30/25 01:17	1
Chloroethane	0.0011	U	0.0011	0.00055	mg/Kg	☼	09/27/25 08:37	09/30/25 01:17	1
Chloroform	0.0011	U	0.0011	0.0010	mg/Kg	☼	09/27/25 08:37	09/30/25 01:17	1
Chloromethane	0.0011	U	0.0011	0.00046	mg/Kg	☼	09/27/25 08:37	09/30/25 01:17	1
cis-1,2-Dichloroethene	0.0011	U	0.0011	0.00038	mg/Kg	☼	09/27/25 08:37	09/30/25 01:17	1
cis-1,3-Dichloropropene	0.0011	U	0.0011	0.00029	mg/Kg	☼	09/27/25 08:37	09/30/25 01:17	1
Cyclohexane	0.0011	U	0.0011	0.00023	mg/Kg	☼	09/27/25 08:37	09/30/25 01:17	1
Dichlorobromomethane	0.0011	U	0.0011	0.00027	mg/Kg	☼	09/27/25 08:37	09/30/25 01:17	1
Dichlorodifluoromethane	0.0011	U	0.0011	0.00036	mg/Kg	☼	09/27/25 08:37	09/30/25 01:17	1
Ethylbenzene	0.0011	U	0.0011	0.00050	mg/Kg	☼	09/27/25 08:37	09/30/25 01:17	1
Ethylene Dibromide	0.0011	U	0.0011	0.00054	mg/Kg	☼	09/27/25 08:37	09/30/25 01:17	1
Isopropylbenzene	0.0011	U	0.0011	0.00030	mg/Kg	☼	09/27/25 08:37	09/30/25 01:17	1
Methyl acetate	0.0053	U	0.0053	0.0046	mg/Kg	☼	09/27/25 08:37	09/30/25 01:17	1
Methyl tert-butyl ether	0.0011	U	0.0011	0.00054	mg/Kg	☼	09/27/25 08:37	09/30/25 01:17	1
Methylcyclohexane	0.0011	U	0.0011	0.00053	mg/Kg	☼	09/27/25 08:37	09/30/25 01:17	1
Methylene Chloride	**0.0029**		0.0021	0.0012	mg/Kg	☼	09/27/25 08:37	09/30/25 01:17	1
m-Xylene & p-Xylene	0.0011	U	0.0011	0.00045	mg/Kg	☼	09/27/25 08:37	09/30/25 01:17	1
n-Butylbenzene	0.0011	U	0.0011	0.00031	mg/Kg	☼	09/27/25 08:37	09/30/25 01:17	1
N-Propylbenzene	0.0011	U	0.0011	0.00048	mg/Kg	☼	09/27/25 08:37	09/30/25 01:17	1
o-Xylene	0.0011	U	0.0011	0.00049	mg/Kg	☼	09/27/25 08:37	09/30/25 01:17	1
sec-Butylbenzene	0.0011	U	0.0011	0.00031	mg/Kg	☼	09/27/25 08:37	09/30/25 01:17	1
Styrene	0.0011	U	0.0011	0.00030	mg/Kg	☼	09/27/25 08:37	09/30/25 01:17	1

Client Sample ID: 53A1_4-5

Date Collected: 09/25/25 09:55
Date Received: 09/25/25 16:10

Lab Sample ID: 460-335747-21
Matrix: Solid
Percent Solids: 89.2

Method: SW846 8260D - Volatile Organic Compounds by GC/MS (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
tert-Butylbenzene	0.0011	U	0.0011	0.00029	mg/Kg	☼	09/27/25 08:37	09/30/25 01:17	1
Tetrachloroethene	0.0011	U	0.0011	0.00032	mg/Kg	☼	09/27/25 08:37	09/30/25 01:17	1
Toluene	0.0011	U	0.0011	0.00025	mg/Kg	☼	09/27/25 08:37	09/30/25 01:17	1
trans-1,2-Dichloroethene	0.0011	U	0.0011	0.00026	mg/Kg	☼	09/27/25 08:37	09/30/25 01:17	1
trans-1,3-Dichloropropene	0.0011	U	0.0011	0.00028	mg/Kg	☼	09/27/25 08:37	09/30/25 01:17	1
Trichloroethene	0.0011	U	0.0011	0.00034	mg/Kg	☼	09/27/25 08:37	09/30/25 01:17	1
Trichlorofluoromethane	0.0011	U	0.0011	0.00043	mg/Kg	☼	09/27/25 08:37	09/30/25 01:17	1
Vinyl chloride	0.0011	U	0.0011	0.00058	mg/Kg	☼	09/27/25 08:37	09/30/25 01:17	1
Xylenes, Total	0.0021	U	0.0021	0.00018	mg/Kg	☼	09/27/25 08:37	09/30/25 01:17	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,2-Dichloroethane-d4 (Surr)	*121*		*65 - 138*	*09/27/25 08:37*	*09/30/25 01:17*	*1*
4-Bromofluorobenzene	*107*		*71 - 128*	*09/27/25 08:37*	*09/30/25 01:17*	*1*
Dibromofluoromethane (Surr)	*120*		*50 - 150*	*09/27/25 08:37*	*09/30/25 01:17*	*1*
Toluene-d8 (Surr)	*108*		*71 - 126*	*09/27/25 08:37*	*09/30/25 01:17*	*1*

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Percent Moisture (EPA Moisture)	**10.8**		1.0	1.0	%			09/28/25 21:10	1
Percent Solids (EPA Moisture)	**89.2**		1.0	1.0	%			09/28/25 21:10	1

Client Sample ID: 53A3_0-1

Date Collected: 09/25/25 10:00
Date Received: 09/25/25 16:10

Lab Sample ID: 460-335747-22
Matrix: Solid
Percent Solids: 89.3

Method: SW846 8260D - Volatile Organic Compounds by GC/MS

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1-Trichloroethane	0.0012	U	0.0012	0.00028	mg/Kg	☼	09/27/25 08:37	09/30/25 01:41	1
1,1,2,2-Tetrachloroethane	0.0012	U	0.0012	0.00063	mg/Kg	☼	09/27/25 08:37	09/30/25 01:41	1
1,1,2-Trichloro-1,2,2-trifluoroethane	0.0012	U	0.0012	0.00036	mg/Kg	☼	09/27/25 08:37	09/30/25 01:41	1
1,1,2-Trichloroethane	0.0012	U	0.0012	0.00072	mg/Kg	☼	09/27/25 08:37	09/30/25 01:41	1
1,1-Dichloroethane	0.0012	U	0.0012	0.00072	mg/Kg	☼	09/27/25 08:37	09/30/25 01:41	1
1,1-Dichloroethene	0.0012	U	0.0012	0.00027	mg/Kg	☼	09/27/25 08:37	09/30/25 01:41	1
1,2,3-Trichlorobenzene	0.0012	U	0.0012	0.00089	mg/Kg	☼	09/27/25 08:37	09/30/25 01:41	1
1,2,4-Trichlorobenzene	0.0012	U	0.0012	0.00043	mg/Kg	☼	09/27/25 08:37	09/30/25 01:41	1
1,2,4-Trimethylbenzene	0.0012	U	0.0012	0.00030	mg/Kg	☼	09/27/25 08:37	09/30/25 01:41	1
1,2-Dibromo-3-Chloropropane	0.0012	U	0.0012	0.00055	mg/Kg	☼	09/27/25 08:37	09/30/25 01:41	1
1,2-Dichlorobenzene	0.0012	U	0.0012	0.00044	mg/Kg	☼	09/27/25 08:37	09/30/25 01:41	1
1,2-Dichloroethane	0.0012	U	0.0012	0.00036	mg/Kg	☼	09/27/25 08:37	09/30/25 01:41	1
1,2-Dichloropropane	0.0012	U	0.0012	0.00051	mg/Kg	☼	09/27/25 08:37	09/30/25 01:41	1
1,3,5-Trimethylbenzene	0.0012	U	0.0012	0.00038	mg/Kg	☼	09/27/25 08:37	09/30/25 01:41	1
1,3-Dichlorobenzene	0.0012	U	0.0012	0.00044	mg/Kg	☼	09/27/25 08:37	09/30/25 01:41	1
1,4-Dichlorobenzene	0.0012	U	0.0012	0.00063	mg/Kg	☼	09/27/25 08:37	09/30/25 01:41	1
2-Butanone (MEK)	0.0060	U	0.0060	0.00044	mg/Kg	☼	09/27/25 08:37	09/30/25 01:41	1
2-Hexanone	0.0060	U	0.0060	0.0021	mg/Kg	☼	09/27/25 08:37	09/30/25 01:41	1
4-Methyl-2-pentanone (MIBK)	0.0060	U	0.0060	0.0019	mg/Kg	☼	09/27/25 08:37	09/30/25 01:41	1
Acetone	0.0072	U	0.0072	0.0069	mg/Kg	☼	09/27/25 08:37	09/30/25 01:41	1
Benzene	0.0012	U	0.0012	0.00068	mg/Kg	☼	09/27/25 08:37	09/30/25 01:41	1
Bromoform	0.0012	U	0.0012	0.00051	mg/Kg	☼	09/27/25 08:37	09/30/25 01:41	1
Bromomethane	0.0024	U	0.0024	0.0012	mg/Kg	☼	09/27/25 08:37	09/30/25 01:41	1

Client Sample ID: 53A3_0-1
Date Collected: 09/25/25 10:00
Date Received: 09/25/25 16:10

Lab Sample ID: 460-335747-22
Matrix: Solid
Percent Solids: 89.3

Method: SW846 8260D - Volatile Organic Compounds by GC/MS (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Carbon disulfide	0.0012	U	0.0012	0.00032	mg/Kg	☼	09/27/25 08:37	09/30/25 01:41	1
Carbon tetrachloride	0.0012	U	0.0012	0.00047	mg/Kg	☼	09/27/25 08:37	09/30/25 01:41	1
Chlorobenzene	0.0012	U	0.0012	0.00061	mg/Kg	☼	09/27/25 08:37	09/30/25 01:41	1
Chlorobromomethane	0.0012	U	0.0012	0.00072	mg/Kg	☼	09/27/25 08:37	09/30/25 01:41	1
Chlorodibromomethane	0.0012	U	0.0012	0.00065	mg/Kg	☼	09/27/25 08:37	09/30/25 01:41	1
Chloroethane	0.0012	U	0.0012	0.00063	mg/Kg	☼	09/27/25 08:37	09/30/25 01:41	1
Chloroform	0.0012	U	0.0012	0.0012	mg/Kg	☼	09/27/25 08:37	09/30/25 01:41	1
Chloromethane	0.0012	U	0.0012	0.00052	mg/Kg	☼	09/27/25 08:37	09/30/25 01:41	1
cis-1,2-Dichloroethene	0.0012	U	0.0012	0.00043	mg/Kg	☼	09/27/25 08:37	09/30/25 01:41	1
cis-1,3-Dichloropropene	0.0012	U	0.0012	0.00033	mg/Kg	☼	09/27/25 08:37	09/30/25 01:41	1
Cyclohexane	0.0012	U	0.0012	0.00027	mg/Kg	☼	09/27/25 08:37	09/30/25 01:41	1
Dichlorobromomethane	0.0012	U	0.0012	0.00031	mg/Kg	☼	09/27/25 08:37	09/30/25 01:41	1
Dichlorodifluoromethane	0.0012	U	0.0012	0.00041	mg/Kg	☼	09/27/25 08:37	09/30/25 01:41	1
Ethylbenzene	0.0012	U	0.0012	0.00056	mg/Kg	☼	09/27/25 08:37	09/30/25 01:41	1
Ethylene Dibromide	0.0012	U	0.0012	0.00061	mg/Kg	☼	09/27/25 08:37	09/30/25 01:41	1
Isopropylbenzene	0.0012	U	0.0012	0.00034	mg/Kg	☼	09/27/25 08:37	09/30/25 01:41	1
Methyl acetate	0.0060	U	0.0060	0.0052	mg/Kg	☼	09/27/25 08:37	09/30/25 01:41	1
Methyl tert-butyl ether	0.0012	U	0.0012	0.00062	mg/Kg	☼	09/27/25 08:37	09/30/25 01:41	1
Methylcyclohexane	0.0012	U	0.0012	0.00060	mg/Kg	☼	09/27/25 08:37	09/30/25 01:41	1
Methylene Chloride	**0.0032**		0.0024	0.0014	mg/Kg	☼	09/27/25 08:37	09/30/25 01:41	1
m-Xylene & p-Xylene	0.0012	U	0.0012	0.00051	mg/Kg	☼	09/27/25 08:37	09/30/25 01:41	1
n-Butylbenzene	0.0012	U	0.0012	0.00035	mg/Kg	☼	09/27/25 08:37	09/30/25 01:41	1
N-Propylbenzene	0.0012	U	0.0012	0.00054	mg/Kg	☼	09/27/25 08:37	09/30/25 01:41	1
o-Xylene	0.0012	U	0.0012	0.00056	mg/Kg	☼	09/27/25 08:37	09/30/25 01:41	1
sec-Butylbenzene	0.0012	U	0.0012	0.00035	mg/Kg	☼	09/27/25 08:37	09/30/25 01:41	1
Styrene	0.0012	U	0.0012	0.00034	mg/Kg	☼	09/27/25 08:37	09/30/25 01:41	1
tert-Butylbenzene	0.0012	U	0.0012	0.00033	mg/Kg	☼	09/27/25 08:37	09/30/25 01:41	1
Tetrachloroethene	0.0012	U	0.0012	0.00037	mg/Kg	☼	09/27/25 08:37	09/30/25 01:41	1
Toluene	0.0012	U	0.0012	0.00028	mg/Kg	☼	09/27/25 08:37	09/30/25 01:41	1
trans-1,2-Dichloroethene	0.0012	U	0.0012	0.00030	mg/Kg	☼	09/27/25 08:37	09/30/25 01:41	1
trans-1,3-Dichloropropene	0.0012	U	0.0012	0.00032	mg/Kg	☼	09/27/25 08:37	09/30/25 01:41	1
Trichloroethene	0.0012	U	0.0012	0.00039	mg/Kg	☼	09/27/25 08:37	09/30/25 01:41	1
Trichlorofluoromethane	0.0012	U	0.0012	0.00049	mg/Kg	☼	09/27/25 08:37	09/30/25 01:41	1
Vinyl chloride	0.0012	U	0.0012	0.00066	mg/Kg	☼	09/27/25 08:37	09/30/25 01:41	1
Xylenes, Total	0.0024	U	0.0024	0.00021	mg/Kg	☼	09/27/25 08:37	09/30/25 01:41	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,2-Dichloroethane-d4 (Surr)	*126*		*65 - 138*	*09/27/25 08:37*	*09/30/25 01:41*	*1*
4-Bromofluorobenzene	*111*		*71 - 128*	*09/27/25 08:37*	*09/30/25 01:41*	*1*
Dibromofluoromethane (Surr)	*124*		*50 - 150*	*09/27/25 08:37*	*09/30/25 01:41*	*1*
Toluene-d8 (Surr)	*113*		*71 - 126*	*09/27/25 08:37*	*09/30/25 01:41*	*1*

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Percent Moisture (EPA Moisture)	**10.7**		1.0	1.0	%			09/28/25 21:10	1
Percent Solids (EPA Moisture)	**89.3**		1.0	1.0	%			09/28/25 21:10	1

Client: Haley & Aldrich, Inc.
Project/Site: Former Port Mobil

Job ID: 460-335747-1

Client Sample ID: 53A1_2-3
Date Collected: 09/25/25 10:05
Date Received: 09/25/25 16:10

Lab Sample ID: 460-335747-23
Matrix: Solid
Percent Solids: 90.1

Method: SW846 8260D - Volatile Organic Compounds by GC/MS

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1-Trichloroethane	0.0010	U	0.0010	0.00024	mg/Kg	☼	09/27/25 08:38	09/30/25 02:05	1
1,1,2,2-Tetrachloroethane	0.0010	U	0.0010	0.00054	mg/Kg	☼	09/27/25 08:38	09/30/25 02:05	1
1,1,2-Trichloro-1,2,2-trifluoroethane	0.0010	U	0.0010	0.00031	mg/Kg	☼	09/27/25 08:38	09/30/25 02:05	1
1,1,2-Trichloroethane	0.0010	U	0.0010	0.00062	mg/Kg	☼	09/27/25 08:38	09/30/25 02:05	1
1,1-Dichloroethane	0.0010	U	0.0010	0.00061	mg/Kg	☼	09/27/25 08:38	09/30/25 02:05	1
1,1-Dichloroethene	0.0010	U	0.0010	0.00023	mg/Kg	☼	09/27/25 08:38	09/30/25 02:05	1
1,2,3-Trichlorobenzene	0.0010	U	0.0010	0.00076	mg/Kg	☼	09/27/25 08:38	09/30/25 02:05	1
1,2,4-Trichlorobenzene	0.0010	U	0.0010	0.00037	mg/Kg	☼	09/27/25 08:38	09/30/25 02:05	1
1,2,4-Trimethylbenzene	0.0010	U	0.0010	0.00025	mg/Kg	☼	09/27/25 08:38	09/30/25 02:05	1
1,2-Dibromo-3-Chloropropane	0.0010	U	0.0010	0.00047	mg/Kg	☼	09/27/25 08:38	09/30/25 02:05	1
1,2-Dichlorobenzene	0.0010	U	0.0010	0.00037	mg/Kg	☼	09/27/25 08:38	09/30/25 02:05	1
1,2-Dichloroethane	0.0010	U	0.0010	0.00030	mg/Kg	☼	09/27/25 08:38	09/30/25 02:05	1
1,2-Dichloropropane	0.0010	U	0.0010	0.00043	mg/Kg	☼	09/27/25 08:38	09/30/25 02:05	1
1,3,5-Trimethylbenzene	0.0010	U	0.0010	0.00032	mg/Kg	☼	09/27/25 08:38	09/30/25 02:05	1
1,3-Dichlorobenzene	0.0010	U	0.0010	0.00038	mg/Kg	☼	09/27/25 08:38	09/30/25 02:05	1
1,4-Dichlorobenzene	0.0010	U	0.0010	0.00053	mg/Kg	☼	09/27/25 08:38	09/30/25 02:05	1
2-Butanone (MEK)	0.0051	U	0.0051	0.00038	mg/Kg	☼	09/27/25 08:38	09/30/25 02:05	1
2-Hexanone	0.0051	U	0.0051	0.0018	mg/Kg	☼	09/27/25 08:38	09/30/25 02:05	1
4-Methyl-2-pentanone (MIBK)	0.0051	U	0.0051	0.0016	mg/Kg	☼	09/27/25 08:38	09/30/25 02:05	1
Acetone	0.0062	U	0.0062	0.0059	mg/Kg	☼	09/27/25 08:38	09/30/25 02:05	1
Benzene	0.0010	U	0.0010	0.00058	mg/Kg	☼	09/27/25 08:38	09/30/25 02:05	1
Bromoform	0.0010	U	0.0010	0.00044	mg/Kg	☼	09/27/25 08:38	09/30/25 02:05	1
Bromomethane	0.0021	U	0.0021	0.0010	mg/Kg	☼	09/27/25 08:38	09/30/25 02:05	1
Carbon disulfide	0.0010	U	0.0010	0.00027	mg/Kg	☼	09/27/25 08:38	09/30/25 02:05	1
Carbon tetrachloride	0.0010	U	0.0010	0.00040	mg/Kg	☼	09/27/25 08:38	09/30/25 02:05	1
Chlorobenzene	0.0010	U	0.0010	0.00052	mg/Kg	☼	09/27/25 08:38	09/30/25 02:05	1
Chlorobromomethane	0.0010	U	0.0010	0.00061	mg/Kg	☼	09/27/25 08:38	09/30/25 02:05	1
Chlorodibromomethane	0.0010	U	0.0010	0.00055	mg/Kg	☼	09/27/25 08:38	09/30/25 02:05	1
Chloroethane	0.0010	U	0.0010	0.00054	mg/Kg	☼	09/27/25 08:38	09/30/25 02:05	1
Chloroform	0.0010	U	0.0010	0.0010	mg/Kg	☼	09/27/25 08:38	09/30/25 02:05	1
Chloromethane	0.0010	U	0.0010	0.00045	mg/Kg	☼	09/27/25 08:38	09/30/25 02:05	1
cis-1,2-Dichloroethene	0.0010	U	0.0010	0.00037	mg/Kg	☼	09/27/25 08:38	09/30/25 02:05	1
cis-1,3-Dichloropropene	0.0010	U	0.0010	0.00028	mg/Kg	☼	09/27/25 08:38	09/30/25 02:05	1
Cyclohexane	0.0010	U	0.0010	0.00023	mg/Kg	☼	09/27/25 08:38	09/30/25 02:05	1
Dichlorobromomethane	0.0010	U	0.0010	0.00026	mg/Kg	☼	09/27/25 08:38	09/30/25 02:05	1
Dichlorodifluoromethane	0.0010	U	0.0010	0.00035	mg/Kg	☼	09/27/25 08:38	09/30/25 02:05	1
Ethylbenzene	0.0010	U	0.0010	0.00048	mg/Kg	☼	09/27/25 08:38	09/30/25 02:05	1
Ethylene Dibromide	0.0010	U	0.0010	0.00052	mg/Kg	☼	09/27/25 08:38	09/30/25 02:05	1
Isopropylbenzene	0.0010	U	0.0010	0.00029	mg/Kg	☼	09/27/25 08:38	09/30/25 02:05	1
Methyl acetate	0.0051	U	0.0051	0.0044	mg/Kg	☼	09/27/25 08:38	09/30/25 02:05	1
Methyl tert-butyl ether	0.0010	U	0.0010	0.00053	mg/Kg	☼	09/27/25 08:38	09/30/25 02:05	1
Methylcyclohexane	0.0010	U	0.0010	0.00051	mg/Kg	☼	09/27/25 08:38	09/30/25 02:05	1
Methylene Chloride	**0.0028**		0.0021	0.0012	mg/Kg	☼	09/27/25 08:38	09/30/25 02:05	1
m-Xylene & p-Xylene	0.0010	U	0.0010	0.00043	mg/Kg	☼	09/27/25 08:38	09/30/25 02:05	1
n-Butylbenzene	0.0010	U	0.0010	0.00030	mg/Kg	☼	09/27/25 08:38	09/30/25 02:05	1
N-Propylbenzene	0.0010	U	0.0010	0.00046	mg/Kg	☼	09/27/25 08:38	09/30/25 02:05	1
o-Xylene	0.0010	U	0.0010	0.00047	mg/Kg	☼	09/27/25 08:38	09/30/25 02:05	1
sec-Butylbenzene	0.0010	U	0.0010	0.00030	mg/Kg	☼	09/27/25 08:38	09/30/25 02:05	1
Styrene	0.0010	U	0.0010	0.00029	mg/Kg	☼	09/27/25 08:38	09/30/25 02:05	1

Client Sample ID: 53A1_2-3

Date Collected: 09/25/25 10:05
Date Received: 09/25/25 16:10

Lab Sample ID: 460-335747-23

Matrix: Solid
Percent Solids: 90.1

Method: SW846 8260D - Volatile Organic Compounds by GC/MS (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
tert-Butylbenzene	0.0010	U	0.0010	0.00028	mg/Kg	☼	09/27/25 08:38	09/30/25 02:05	1
Tetrachloroethene	0.0010	U	0.0010	0.00031	mg/Kg	☼	09/27/25 08:38	09/30/25 02:05	1
Toluene	0.0010	U	0.0010	0.00024	mg/Kg	☼	09/27/25 08:38	09/30/25 02:05	1
trans-1,2-Dichloroethene	0.0010	U	0.0010	0.00025	mg/Kg	☼	09/27/25 08:38	09/30/25 02:05	1
trans-1,3-Dichloropropene	0.0010	U	0.0010	0.00027	mg/Kg	☼	09/27/25 08:38	09/30/25 02:05	1
Trichloroethene	0.0010	U	0.0010	0.00033	mg/Kg	☼	09/27/25 08:38	09/30/25 02:05	1
Trichlorofluoromethane	0.0010	U	0.0010	0.00042	mg/Kg	☼	09/27/25 08:38	09/30/25 02:05	1
Vinyl chloride	0.0010	U	0.0010	0.00056	mg/Kg	☼	09/27/25 08:38	09/30/25 02:05	1
Xylenes, Total	0.0021	U	0.0021	0.00018	mg/Kg	☼	09/27/25 08:38	09/30/25 02:05	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,2-Dichloroethane-d4 (Surr)	*126*		*65 - 138*	*09/27/25 08:38*	*09/30/25 02:05*	*1*
4-Bromofluorobenzene	*108*		*71 - 128*	*09/27/25 08:38*	*09/30/25 02:05*	*1*
Dibromofluoromethane (Surr)	*123*		*50 - 150*	*09/27/25 08:38*	*09/30/25 02:05*	*1*
Toluene-d8 (Surr)	*110*		*71 - 126*	*09/27/25 08:38*	*09/30/25 02:05*	*1*

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Percent Moisture (EPA Moisture)	**9.9**		1.0	1.0	%			09/28/25 21:10	1
Percent Solids (EPA Moisture)	**90.1**		1.0	1.0	%			09/28/25 21:10	1

Client Sample ID: 53B2_4-5

Date Collected: 09/25/25 10:10
Date Received: 09/25/25 16:10

Lab Sample ID: 460-335747-24

Matrix: Solid
Percent Solids: 90.5

Method: SW846 8260D - Volatile Organic Compounds by GC/MS

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1-Trichloroethane	0.0010	U	0.0010	0.00024	mg/Kg	☼	09/27/25 08:38	09/30/25 02:29	1
1,1,2,2-Tetrachloroethane	0.0010	U	0.0010	0.00053	mg/Kg	☼	09/27/25 08:38	09/30/25 02:29	1
1,1,2-Trichloro-1,2,2-trifluoroethane	0.0010	U	0.0010	0.00031	mg/Kg	☼	09/27/25 08:38	09/30/25 02:29	1
1,1,2-Trichloroethane	0.0010	U	0.0010	0.00062	mg/Kg	☼	09/27/25 08:38	09/30/25 02:29	1
1,1-Dichloroethane	0.0010	U	0.0010	0.00061	mg/Kg	☼	09/27/25 08:38	09/30/25 02:29	1
1,1-Dichloroethene	0.0010	U	0.0010	0.00023	mg/Kg	☼	09/27/25 08:38	09/30/25 02:29	1
1,2,3-Trichlorobenzene	0.0010	U	0.0010	0.00076	mg/Kg	☼	09/27/25 08:38	09/30/25 02:29	1
1,2,4-Trichlorobenzene	0.0010	U	0.0010	0.00037	mg/Kg	☼	09/27/25 08:38	09/30/25 02:29	1
1,2,4-Trimethylbenzene	0.0010	U	0.0010	0.00025	mg/Kg	☼	09/27/25 08:38	09/30/25 02:29	1
1,2-Dibromo-3-Chloropropane	0.0010	U	0.0010	0.00047	mg/Kg	☼	09/27/25 08:38	09/30/25 02:29	1
1,2-Dichlorobenzene	0.0010	U	0.0010	0.00037	mg/Kg	☼	09/27/25 08:38	09/30/25 02:29	1
1,2-Dichloroethane	0.0010	U	0.0010	0.00030	mg/Kg	☼	09/27/25 08:38	09/30/25 02:29	1
1,2-Dichloropropane	0.0010	U	0.0010	0.00043	mg/Kg	☼	09/27/25 08:38	09/30/25 02:29	1
1,3,5-Trimethylbenzene	0.0010	U	0.0010	0.00032	mg/Kg	☼	09/27/25 08:38	09/30/25 02:29	1
1,3-Dichlorobenzene	0.0010	U	0.0010	0.00037	mg/Kg	☼	09/27/25 08:38	09/30/25 02:29	1
1,4-Dichlorobenzene	0.0010	U	0.0010	0.00053	mg/Kg	☼	09/27/25 08:38	09/30/25 02:29	1
2-Butanone (MEK)	0.0051	U	0.0051	0.00038	mg/Kg	☼	09/27/25 08:38	09/30/25 02:29	1
2-Hexanone	0.0051	U	0.0051	0.0018	mg/Kg	☼	09/27/25 08:38	09/30/25 02:29	1
4-Methyl-2-pentanone (MIBK)	0.0051	U	0.0051	0.0016	mg/Kg	☼	09/27/25 08:38	09/30/25 02:29	1
Acetone	**0.0080**		0.0061	0.0059	mg/Kg	☼	09/27/25 08:38	09/30/25 02:29	1
Benzene	0.0010	U	0.0010	0.00058	mg/Kg	☼	09/27/25 08:38	09/30/25 02:29	1
Bromoform	0.0010	U	0.0010	0.00044	mg/Kg	☼	09/27/25 08:38	09/30/25 02:29	1
Bromomethane	0.0020	U	0.0020	0.0010	mg/Kg	☼	09/27/25 08:38	09/30/25 02:29	1

Client Sample ID: 53B2_4-5
Date Collected: 09/25/25 10:10
Date Received: 09/25/25 16:10

Lab Sample ID: 460-335747-24
Matrix: Solid
Percent Solids: 90.5

Method: SW846 8260D - Volatile Organic Compounds by GC/MS (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Carbon disulfide	0.0010	U	0.0010	0.00027	mg/Kg	☼	09/27/25 08:38	09/30/25 02:29	1
Carbon tetrachloride	0.0010	U	0.0010	0.00040	mg/Kg	☼	09/27/25 08:38	09/30/25 02:29	1
Chlorobenzene	0.0010	U	0.0010	0.00052	mg/Kg	☼	09/27/25 08:38	09/30/25 02:29	1
Chlorobromomethane	0.0010	U	0.0010	0.00061	mg/Kg	☼	09/27/25 08:38	09/30/25 02:29	1
Chlorodibromomethane	0.0010	U	0.0010	0.00055	mg/Kg	☼	09/27/25 08:38	09/30/25 02:29	1
Chloroethane	0.0010	U	0.0010	0.00053	mg/Kg	☼	09/27/25 08:38	09/30/25 02:29	1
Chloroform	0.0010	U	0.0010	0.00099	mg/Kg	☼	09/27/25 08:38	09/30/25 02:29	1
Chloromethane	0.0010	U	0.0010	0.00045	mg/Kg	☼	09/27/25 08:38	09/30/25 02:29	1
cis-1,2-Dichloroethene	0.0010	U	0.0010	0.00037	mg/Kg	☼	09/27/25 08:38	09/30/25 02:29	1
cis-1,3-Dichloropropene	0.0010	U	0.0010	0.00028	mg/Kg	☼	09/27/25 08:38	09/30/25 02:29	1
Cyclohexane	0.0010	U	0.0010	0.00023	mg/Kg	☼	09/27/25 08:38	09/30/25 02:29	1
Dichlorobromomethane	0.0010	U	0.0010	0.00026	mg/Kg	☼	09/27/25 08:38	09/30/25 02:29	1
Dichlorodifluoromethane	0.0010	U	0.0010	0.00035	mg/Kg	☼	09/27/25 08:38	09/30/25 02:29	1
Ethylbenzene	0.0010	U	0.0010	0.00048	mg/Kg	☼	09/27/25 08:38	09/30/25 02:29	1
Ethylene Dibromide	0.0010	U	0.0010	0.00052	mg/Kg	☼	09/27/25 08:38	09/30/25 02:29	1
Isopropylbenzene	0.0010	U	0.0010	0.00029	mg/Kg	☼	09/27/25 08:38	09/30/25 02:29	1
Methyl acetate	0.0051	U	0.0051	0.0044	mg/Kg	☼	09/27/25 08:38	09/30/25 02:29	1
Methyl tert-butyl ether	0.0010	U	0.0010	0.00052	mg/Kg	☼	09/27/25 08:38	09/30/25 02:29	1
Methylcyclohexane	0.0010	U	0.0010	0.00051	mg/Kg	☼	09/27/25 08:38	09/30/25 02:29	1
Methylene Chloride	**0.0032**		0.0020	0.0012	mg/Kg	☼	09/27/25 08:38	09/30/25 02:29	1
m-Xylene & p-Xylene	0.0010	U	0.0010	0.00043	mg/Kg	☼	09/27/25 08:38	09/30/25 02:29	1
n-Butylbenzene	0.0010	U	0.0010	0.00030	mg/Kg	☼	09/27/25 08:38	09/30/25 02:29	1
N-Propylbenzene	0.0010	U	0.0010	0.00046	mg/Kg	☼	09/27/25 08:38	09/30/25 02:29	1
o-Xylene	0.0010	U	0.0010	0.00047	mg/Kg	☼	09/27/25 08:38	09/30/25 02:29	1
sec-Butylbenzene	0.0010	U	0.0010	0.00029	mg/Kg	☼	09/27/25 08:38	09/30/25 02:29	1
Styrene	0.0010	U	0.0010	0.00028	mg/Kg	☼	09/27/25 08:38	09/30/25 02:29	1
tert-Butylbenzene	0.0010	U	0.0010	0.00028	mg/Kg	☼	09/27/25 08:38	09/30/25 02:29	1
Tetrachloroethene	0.0010	U	0.0010	0.00031	mg/Kg	☼	09/27/25 08:38	09/30/25 02:29	1
Toluene	0.0010	U	0.0010	0.00024	mg/Kg	☼	09/27/25 08:38	09/30/25 02:29	1
trans-1,2-Dichloroethene	0.0010	U	0.0010	0.00025	mg/Kg	☼	09/27/25 08:38	09/30/25 02:29	1
trans-1,3-Dichloropropene	0.0010	U	0.0010	0.00027	mg/Kg	☼	09/27/25 08:38	09/30/25 02:29	1
Trichloroethene	0.0010	U	0.0010	0.00033	mg/Kg	☼	09/27/25 08:38	09/30/25 02:29	1
Trichlorofluoromethane	0.0010	U	0.0010	0.00042	mg/Kg	☼	09/27/25 08:38	09/30/25 02:29	1
Vinyl chloride	0.0010	U	0.0010	0.00056	mg/Kg	☼	09/27/25 08:38	09/30/25 02:29	1
Xylenes, Total	0.0020	U	0.0020	0.00018	mg/Kg	☼	09/27/25 08:38	09/30/25 02:29	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,2-Dichloroethane-d4 (Surr)	*116*		*65 - 138*	*09/27/25 08:38*	*09/30/25 02:29*	*1*
4-Bromofluorobenzene	*101*		*71 - 128*	*09/27/25 08:38*	*09/30/25 02:29*	*1*
Dibromofluoromethane (Surr)	*113*		*50 - 150*	*09/27/25 08:38*	*09/30/25 02:29*	*1*
Toluene-d8 (Surr)	*102*		*71 - 126*	*09/27/25 08:38*	*09/30/25 02:29*	*1*

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Percent Moisture (EPA Moisture)	**9.5**		1.0	1.0	%			09/28/25 21:10	1
Percent Solids (EPA Moisture)	**90.5**		1.0	1.0	%			09/28/25 21:10	1

Client: Haley & Aldrich, Inc.
Project/Site: Former Port Mobil

Job ID: 460-335747-1

Client Sample ID: 53B1_5-6
Date Collected: 09/25/25 10:15
Date Received: 09/25/25 16:10

Lab Sample ID: 460-335747-25
Matrix: Solid
Percent Solids: 90.1

Method: SW846 8260D - Volatile Organic Compounds by GC/MS

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1-Trichloroethane	0.0010	U	0.0010	0.00024	mg/Kg	☼	09/27/25 08:38	09/30/25 02:53	1
1,1,2,2-Tetrachloroethane	0.0010	U	0.0010	0.00054	mg/Kg	☼	09/27/25 08:38	09/30/25 02:53	1
1,1,2-Trichloro-1,2,2-trifluoroethane	0.0010	U	0.0010	0.00031	mg/Kg	☼	09/27/25 08:38	09/30/25 02:53	1
1,1,2-Trichloroethane	0.0010	U	0.0010	0.00062	mg/Kg	☼	09/27/25 08:38	09/30/25 02:53	1
1,1-Dichloroethane	0.0010	U	0.0010	0.00062	mg/Kg	☼	09/27/25 08:38	09/30/25 02:53	1
1,1-Dichloroethene	0.0010	U	0.0010	0.00023	mg/Kg	☼	09/27/25 08:38	09/30/25 02:53	1
1,2,3-Trichlorobenzene	0.0010	U	0.0010	0.00076	mg/Kg	☼	09/27/25 08:38	09/30/25 02:53	1
1,2,4-Trichlorobenzene	0.0010	U	0.0010	0.00037	mg/Kg	☼	09/27/25 08:38	09/30/25 02:53	1
1,2,4-Trimethylbenzene	0.0010	U	0.0010	0.00025	mg/Kg	☼	09/27/25 08:38	09/30/25 02:53	1
1,2-Dibromo-3-Chloropropane	0.0010	U	0.0010	0.00048	mg/Kg	☼	09/27/25 08:38	09/30/25 02:53	1
1,2-Dichlorobenzene	0.0010	U	0.0010	0.00037	mg/Kg	☼	09/27/25 08:38	09/30/25 02:53	1
1,2-Dichloroethane	0.0010	U	0.0010	0.00031	mg/Kg	☼	09/27/25 08:38	09/30/25 02:53	1
1,2-Dichloropropane	0.0010	U	0.0010	0.00044	mg/Kg	☼	09/27/25 08:38	09/30/25 02:53	1
1,3,5-Trimethylbenzene	0.0010	U	0.0010	0.00032	mg/Kg	☼	09/27/25 08:38	09/30/25 02:53	1
1,3-Dichlorobenzene	0.0010	U	0.0010	0.00038	mg/Kg	☼	09/27/25 08:38	09/30/25 02:53	1
1,4-Dichlorobenzene	0.0010	U	0.0010	0.00054	mg/Kg	☼	09/27/25 08:38	09/30/25 02:53	1
2-Butanone (MEK)	0.0052	U	0.0052	0.00038	mg/Kg	☼	09/27/25 08:38	09/30/25 02:53	1
2-Hexanone	0.0052	U	0.0052	0.0018	mg/Kg	☼	09/27/25 08:38	09/30/25 02:53	1
4-Methyl-2-pentanone (MIBK)	0.0052	U	0.0052	0.0016	mg/Kg	☼	09/27/25 08:38	09/30/25 02:53	1
Acetone	0.0062	U	0.0062	0.0059	mg/Kg	☼	09/27/25 08:38	09/30/25 02:53	1
Benzene	0.0010	U	0.0010	0.00059	mg/Kg	☼	09/27/25 08:38	09/30/25 02:53	1
Bromoform	0.0010	U	0.0010	0.00044	mg/Kg	☼	09/27/25 08:38	09/30/25 02:53	1
Bromomethane	0.0021	U	0.0021	0.0010	mg/Kg	☼	09/27/25 08:38	09/30/25 02:53	1
Carbon disulfide	0.0010	U	0.0010	0.00027	mg/Kg	☼	09/27/25 08:38	09/30/25 02:53	1
Carbon tetrachloride	0.0010	U	0.0010	0.00040	mg/Kg	☼	09/27/25 08:38	09/30/25 02:53	1
Chlorobenzene	0.0010	U	0.0010	0.00052	mg/Kg	☼	09/27/25 08:38	09/30/25 02:53	1
Chlorobromomethane	0.0010	U	0.0010	0.00062	mg/Kg	☼	09/27/25 08:38	09/30/25 02:53	1
Chlorodibromomethane	0.0010	U	0.0010	0.00055	mg/Kg	☼	09/27/25 08:38	09/30/25 02:53	1
Chloroethane	0.0010	U	0.0010	0.00054	mg/Kg	☼	09/27/25 08:38	09/30/25 02:53	1
Chloroform	0.0010	U	0.0010	0.0010	mg/Kg	☼	09/27/25 08:38	09/30/25 02:53	1
Chloromethane	0.0010	U	0.0010	0.00045	mg/Kg	☼	09/27/25 08:38	09/30/25 02:53	1
cis-1,2-Dichloroethene	0.0010	U	0.0010	0.00037	mg/Kg	☼	09/27/25 08:38	09/30/25 02:53	1
cis-1,3-Dichloropropene	0.0010	U	0.0010	0.00028	mg/Kg	☼	09/27/25 08:38	09/30/25 02:53	1
Cyclohexane	0.0010	U	0.0010	0.00023	mg/Kg	☼	09/27/25 08:38	09/30/25 02:53	1
Dichlorobromomethane	0.0010	U	0.0010	0.00027	mg/Kg	☼	09/27/25 08:38	09/30/25 02:53	1
Dichlorodifluoromethane	0.0010	U	0.0010	0.00035	mg/Kg	☼	09/27/25 08:38	09/30/25 02:53	1
Ethylbenzene	0.0010	U	0.0010	0.00048	mg/Kg	☼	09/27/25 08:38	09/30/25 02:53	1
Ethylene Dibromide	0.0010	U	0.0010	0.00052	mg/Kg	☼	09/27/25 08:38	09/30/25 02:53	1
Isopropylbenzene	0.0010	U	0.0010	0.00029	mg/Kg	☼	09/27/25 08:38	09/30/25 02:53	1
Methyl acetate	0.0052	U	0.0052	0.0044	mg/Kg	☼	09/27/25 08:38	09/30/25 02:53	1
Methyl tert-butyl ether	0.0010	U	0.0010	0.00053	mg/Kg	☼	09/27/25 08:38	09/30/25 02:53	1
Methylcyclohexane	0.0010	U	0.0010	0.00052	mg/Kg	☼	09/27/25 08:38	09/30/25 02:53	1
Methylene Chloride	**0.0020**	**J**	0.0021	0.0012	mg/Kg	☼	09/27/25 08:38	09/30/25 02:53	1
m-Xylene & p-Xylene	0.0010	U	0.0010	0.00044	mg/Kg	☼	09/27/25 08:38	09/30/25 02:53	1
n-Butylbenzene	0.0010	U	0.0010	0.00030	mg/Kg	☼	09/27/25 08:38	09/30/25 02:53	1
N-Propylbenzene	0.0010	U	0.0010	0.00046	mg/Kg	☼	09/27/25 08:38	09/30/25 02:53	1
o-Xylene	0.0010	U	0.0010	0.00048	mg/Kg	☼	09/27/25 08:38	09/30/25 02:53	1
sec-Butylbenzene	0.0010	U	0.0010	0.00030	mg/Kg	☼	09/27/25 08:38	09/30/25 02:53	1
Styrene	0.0010	U	0.0010	0.00029	mg/Kg	☼	09/27/25 08:38	09/30/25 02:53	1

Client Sample ID: 53B1_5-6

Lab Sample ID: 460-335747-25

Date Collected: 09/25/25 10:15

Matrix: Solid

Date Received: 09/25/25 16:10

Percent Solids: 90.1

Method: SW846 8260D - Volatile Organic Compounds by GC/MS (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
tert-Butylbenzene	0.0010	U	0.0010	0.00029	mg/Kg	☼	09/27/25 08:38	09/30/25 02:53	1
Tetrachloroethene	0.0010	U	0.0010	0.00032	mg/Kg	☼	09/27/25 08:38	09/30/25 02:53	1
Toluene	0.0010	U	0.0010	0.00024	mg/Kg	☼	09/27/25 08:38	09/30/25 02:53	1
trans-1,2-Dichloroethene	0.0010	U	0.0010	0.00025	mg/Kg	☼	09/27/25 08:38	09/30/25 02:53	1
trans-1,3-Dichloropropene	0.0010	U	0.0010	0.00027	mg/Kg	☼	09/27/25 08:38	09/30/25 02:53	1
Trichloroethene	0.0010	U	0.0010	0.00033	mg/Kg	☼	09/27/25 08:38	09/30/25 02:53	1
Trichlorofluoromethane	0.0010	U	0.0010	0.00042	mg/Kg	☼	09/27/25 08:38	09/30/25 02:53	1
Vinyl chloride	0.0010	U	0.0010	0.00056	mg/Kg	☼	09/27/25 08:38	09/30/25 02:53	1
Xylenes, Total	0.0021	U	0.0021	0.00018	mg/Kg	☼	09/27/25 08:38	09/30/25 02:53	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,2-Dichloroethane-d4 (Surr)	*124*		*65 - 138*	*09/27/25 08:38*	*09/30/25 02:53*	*1*
4-Bromofluorobenzene	*109*		*71 - 128*	*09/27/25 08:38*	*09/30/25 02:53*	*1*
Dibromofluoromethane (Surr)	*121*		*50 - 150*	*09/27/25 08:38*	*09/30/25 02:53*	*1*
Toluene-d8 (Surr)	*111*		*71 - 126*	*09/27/25 08:38*	*09/30/25 02:53*	*1*

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Percent Moisture (EPA Moisture)	**9.9**		1.0	1.0	%			09/28/25 21:10	1
Percent Solids (EPA Moisture)	**90.1**		1.0	1.0	%			09/28/25 21:10	1

Client Sample ID: 53B1_7-8

Lab Sample ID: 460-335747-26

Date Collected: 09/25/25 10:20

Matrix: Solid

Date Received: 09/25/25 16:10

Percent Solids: 88.8

Method: SW846 8260D - Volatile Organic Compounds by GC/MS

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1-Trichloroethane	0.0012	U	0.0012	0.00028	mg/Kg	☼	09/27/25 08:39	09/30/25 03:16	1
1,1,2,2-Tetrachloroethane	0.0012	U	0.0012	0.00062	mg/Kg	☼	09/27/25 08:39	09/30/25 03:16	1
1,1,2-Trichloro-1,2,2-trifluoroethane	0.0012	U	0.0012	0.00036	mg/Kg	☼	09/27/25 08:39	09/30/25 03:16	1
1,1,2-Trichloroethane	0.0012	U	0.0012	0.00072	mg/Kg	☼	09/27/25 08:39	09/30/25 03:16	1
1,1-Dichloroethane	0.0012	U	0.0012	0.00071	mg/Kg	☼	09/27/25 08:39	09/30/25 03:16	1
1,1-Dichloroethene	0.0012	U	0.0012	0.00027	mg/Kg	☼	09/27/25 08:39	09/30/25 03:16	1
1,2,3-Trichlorobenzene	0.0012	U	0.0012	0.00088	mg/Kg	☼	09/27/25 08:39	09/30/25 03:16	1
1,2,4-Trichlorobenzene	0.0012	U	0.0012	0.00043	mg/Kg	☼	09/27/25 08:39	09/30/25 03:16	1
1,2,4-Trimethylbenzene	0.0012	U	0.0012	0.00029	mg/Kg	☼	09/27/25 08:39	09/30/25 03:16	1
1,2-Dibromo-3-Chloropropane	0.0012	U	0.0012	0.00055	mg/Kg	☼	09/27/25 08:39	09/30/25 03:16	1
1,2-Dichlorobenzene	0.0012	U	0.0012	0.00043	mg/Kg	☼	09/27/25 08:39	09/30/25 03:16	1
1,2-Dichloroethane	0.0012	U	0.0012	0.00035	mg/Kg	☼	09/27/25 08:39	09/30/25 03:16	1
1,2-Dichloropropane	0.0012	U	0.0012	0.00050	mg/Kg	☼	09/27/25 08:39	09/30/25 03:16	1
1,3,5-Trimethylbenzene	0.0012	U	0.0012	0.00037	mg/Kg	☼	09/27/25 08:39	09/30/25 03:16	1
1,3-Dichlorobenzene	0.0012	U	0.0012	0.00043	mg/Kg	☼	09/27/25 08:39	09/30/25 03:16	1
1,4-Dichlorobenzene	0.0012	U	0.0012	0.00062	mg/Kg	☼	09/27/25 08:39	09/30/25 03:16	1
2-Butanone (MEK)	0.0060	U	0.0060	0.00044	mg/Kg	☼	09/27/25 08:39	09/30/25 03:16	1
2-Hexanone	0.0060	U	0.0060	0.0020	mg/Kg	☼	09/27/25 08:39	09/30/25 03:16	1
4-Methyl-2-pentanone (MIBK)	0.0060	U	0.0060	0.0019	mg/Kg	☼	09/27/25 08:39	09/30/25 03:16	1
Acetone	0.0071	U	0.0071	0.0068	mg/Kg	☼	09/27/25 08:39	09/30/25 03:16	1
Benzene	0.0012	U	0.0012	0.00068	mg/Kg	☼	09/27/25 08:39	09/30/25 03:16	1
Bromoform	0.0012	U	0.0012	0.00051	mg/Kg	☼	09/27/25 08:39	09/30/25 03:16	1
Bromomethane	0.0024	U	0.0024	0.0012	mg/Kg	☼	09/27/25 08:39	09/30/25 03:16	1

Client Sample ID: 53B1_7-8
Date Collected: 09/25/25 10:20
Date Received: 09/25/25 16:10

Lab Sample ID: 460-335747-26
Matrix: Solid
Percent Solids: 88.8

Method: SW846 8260D - Volatile Organic Compounds by GC/MS (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Carbon disulfide	0.0012	U	0.0012	0.00032	mg/Kg	☼	09/27/25 08:39	09/30/25 03:16	1
Carbon tetrachloride	0.0012	U	0.0012	0.00046	mg/Kg	☼	09/27/25 08:39	09/30/25 03:16	1
Chlorobenzene	0.0012	U	0.0012	0.00060	mg/Kg	☼	09/27/25 08:39	09/30/25 03:16	1
Chlorobromomethane	0.0012	U	0.0012	0.00071	mg/Kg	☼	09/27/25 08:39	09/30/25 03:16	1
Chlorodibromomethane	0.0012	U	0.0012	0.00064	mg/Kg	☼	09/27/25 08:39	09/30/25 03:16	1
Chloroethane	0.0012	U	0.0012	0.00062	mg/Kg	☼	09/27/25 08:39	09/30/25 03:16	1
Chloroform	0.0012	U	0.0012	0.0012	mg/Kg	☼	09/27/25 08:39	09/30/25 03:16	1
Chloromethane	0.0012	U	0.0012	0.00052	mg/Kg	☼	09/27/25 08:39	09/30/25 03:16	1
cis-1,2-Dichloroethene	0.0012	U	0.0012	0.00043	mg/Kg	☼	09/27/25 08:39	09/30/25 03:16	1
cis-1,3-Dichloropropene	0.0012	U	0.0012	0.00033	mg/Kg	☼	09/27/25 08:39	09/30/25 03:16	1
Cyclohexane	0.0012	U	0.0012	0.00026	mg/Kg	☼	09/27/25 08:39	09/30/25 03:16	1
Dichlorobromomethane	0.0012	U	0.0012	0.00031	mg/Kg	☼	09/27/25 08:39	09/30/25 03:16	1
Dichlorodifluoromethane	0.0012	U	0.0012	0.00040	mg/Kg	☼	09/27/25 08:39	09/30/25 03:16	1
Ethylbenzene	0.0012	U	0.0012	0.00056	mg/Kg	☼	09/27/25 08:39	09/30/25 03:16	1
Ethylene Dibromide	0.0012	U	0.0012	0.00060	mg/Kg	☼	09/27/25 08:39	09/30/25 03:16	1
Isopropylbenzene	0.0012	U	0.0012	0.00034	mg/Kg	☼	09/27/25 08:39	09/30/25 03:16	1
Methyl acetate	0.0060	U	0.0060	0.0051	mg/Kg	☼	09/27/25 08:39	09/30/25 03:16	1
Methyl tert-butyl ether	0.0012	U	0.0012	0.00061	mg/Kg	☼	09/27/25 08:39	09/30/25 03:16	1
Methylcyclohexane	0.0012	U	0.0012	0.00059	mg/Kg	☼	09/27/25 08:39	09/30/25 03:16	1
Methylene Chloride	**0.0026**		0.0024	0.0014	mg/Kg	☼	09/27/25 08:39	09/30/25 03:16	1
m-Xylene & p-Xylene	0.0012	U	0.0012	0.00050	mg/Kg	☼	09/27/25 08:39	09/30/25 03:16	1
n-Butylbenzene	0.0012	U	0.0012	0.00035	mg/Kg	☼	09/27/25 08:39	09/30/25 03:16	1
N-Propylbenzene	0.0012	U	0.0012	0.00053	mg/Kg	☼	09/27/25 08:39	09/30/25 03:16	1
o-Xylene	0.0012	U	0.0012	0.00055	mg/Kg	☼	09/27/25 08:39	09/30/25 03:16	1
sec-Butylbenzene	0.0012	U	0.0012	0.00034	mg/Kg	☼	09/27/25 08:39	09/30/25 03:16	1
Styrene	0.0012	U	0.0012	0.00033	mg/Kg	☼	09/27/25 08:39	09/30/25 03:16	1
tert-Butylbenzene	0.0012	U	0.0012	0.00033	mg/Kg	☼	09/27/25 08:39	09/30/25 03:16	1
Tetrachloroethene	0.0012	U	0.0012	0.00036	mg/Kg	☼	09/27/25 08:39	09/30/25 03:16	1
Toluene	0.0012	U	0.0012	0.00028	mg/Kg	☼	09/27/25 08:39	09/30/25 03:16	1
trans-1,2-Dichloroethene	0.0012	U	0.0012	0.00029	mg/Kg	☼	09/27/25 08:39	09/30/25 03:16	1
trans-1,3-Dichloropropene	0.0012	U	0.0012	0.00032	mg/Kg	☼	09/27/25 08:39	09/30/25 03:16	1
Trichloroethene	0.0012	U	0.0012	0.00038	mg/Kg	☼	09/27/25 08:39	09/30/25 03:16	1
Trichlorofluoromethane	0.0012	U	0.0012	0.00048	mg/Kg	☼	09/27/25 08:39	09/30/25 03:16	1
Vinyl chloride	0.0012	U	0.0012	0.00065	mg/Kg	☼	09/27/25 08:39	09/30/25 03:16	1
Xylenes, Total	0.0024	U	0.0024	0.00021	mg/Kg	☼	09/27/25 08:39	09/30/25 03:16	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,2-Dichloroethane-d4 (Surr)	*124*		*65 - 138*	*09/27/25 08:39*	*09/30/25 03:16*	*1*
4-Bromofluorobenzene	*104*		*71 - 128*	*09/27/25 08:39*	*09/30/25 03:16*	*1*
Dibromofluoromethane (Surr)	*124*		*50 - 150*	*09/27/25 08:39*	*09/30/25 03:16*	*1*
Toluene-d8 (Surr)	*111*		*71 - 126*	*09/27/25 08:39*	*09/30/25 03:16*	*1*

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Percent Moisture (EPA Moisture)	**11.2**		1.0	1.0	%			09/28/25 21:10	1
Percent Solids (EPA Moisture)	**88.8**		1.0	1.0	%			09/28/25 21:10	1

Client Sample ID: 53B3_9-10
Date Collected: 09/25/25 10:25
Date Received: 09/25/25 16:10

Lab Sample ID: 460-335747-27
Matrix: Solid
Percent Solids: 90.5

Method: SW846 8260D - Volatile Organic Compounds by GC/MS

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1-Trichloroethane	0.0011	U	0.0011	0.00026	mg/Kg	☼	09/27/25 08:39	09/30/25 03:40	1
1,1,2,2-Tetrachloroethane	0.0011	U	0.0011	0.00058	mg/Kg	☼	09/27/25 08:39	09/30/25 03:40	1
1,1,2-Trichloro-1,2,2-trifluoroethane	0.0011	U	0.0011	0.00034	mg/Kg	☼	09/27/25 08:39	09/30/25 03:40	1
1,1,2-Trichloroethane	0.0011	U	0.0011	0.00067	mg/Kg	☼	09/27/25 08:39	09/30/25 03:40	1
1,1-Dichloroethane	0.0011	U	0.0011	0.00067	mg/Kg	☼	09/27/25 08:39	09/30/25 03:40	1
1,1-Dichloroethene	0.0011	U	0.0011	0.00025	mg/Kg	☼	09/27/25 08:39	09/30/25 03:40	1
1,2,3-Trichlorobenzene	0.0011	U	0.0011	0.00082	mg/Kg	☼	09/27/25 08:39	09/30/25 03:40	1
1,2,4-Trichlorobenzene	0.0011	U	0.0011	0.00040	mg/Kg	☼	09/27/25 08:39	09/30/25 03:40	1
1,2,4-Trimethylbenzene	0.0011	U	0.0011	0.00027	mg/Kg	☼	09/27/25 08:39	09/30/25 03:40	1
1,2-Dibromo-3-Chloropropane	0.0011	U	0.0011	0.00051	mg/Kg	☼	09/27/25 08:39	09/30/25 03:40	1
1,2-Dichlorobenzene	0.0011	U	0.0011	0.00040	mg/Kg	☼	09/27/25 08:39	09/30/25 03:40	1
1,2-Dichloroethane	0.0011	U	0.0011	0.00033	mg/Kg	☼	09/27/25 08:39	09/30/25 03:40	1
1,2-Dichloropropane	0.0011	U	0.0011	0.00047	mg/Kg	☼	09/27/25 08:39	09/30/25 03:40	1
1,3,5-Trimethylbenzene	0.0011	U	0.0011	0.00035	mg/Kg	☼	09/27/25 08:39	09/30/25 03:40	1
1,3-Dichlorobenzene	0.0011	U	0.0011	0.00041	mg/Kg	☼	09/27/25 08:39	09/30/25 03:40	1
1,4-Dichlorobenzene	0.0011	U	0.0011	0.00058	mg/Kg	☼	09/27/25 08:39	09/30/25 03:40	1
2-Butanone (MEK)	0.0056	U	0.0056	0.00041	mg/Kg	☼	09/27/25 08:39	09/30/25 03:40	1
2-Hexanone	0.0056	U	0.0056	0.0019	mg/Kg	☼	09/27/25 08:39	09/30/25 03:40	1
4-Methyl-2-pentanone (MIBK)	0.0056	U	0.0056	0.0017	mg/Kg	☼	09/27/25 08:39	09/30/25 03:40	1
Acetone	0.0067	U	0.0067	0.0064	mg/Kg	☼	09/27/25 08:39	09/30/25 03:40	1
Benzene	0.0011	U	0.0011	0.00063	mg/Kg	☼	09/27/25 08:39	09/30/25 03:40	1
Bromoform	0.0011	U	0.0011	0.00047	mg/Kg	☼	09/27/25 08:39	09/30/25 03:40	1
Bromomethane	0.0022	U	0.0022	0.0011	mg/Kg	☼	09/27/25 08:39	09/30/25 03:40	1
Carbon disulfide	0.0011	U	0.0011	0.00030	mg/Kg	☼	09/27/25 08:39	09/30/25 03:40	1
Carbon tetrachloride	0.0011	U	0.0011	0.00043	mg/Kg	☼	09/27/25 08:39	09/30/25 03:40	1
Chlorobenzene	0.0011	U	0.0011	0.00057	mg/Kg	☼	09/27/25 08:39	09/30/25 03:40	1
Chlorobromomethane	0.0011	U	0.0011	0.00067	mg/Kg	☼	09/27/25 08:39	09/30/25 03:40	1
Chlorodibromomethane	0.0011	U	0.0011	0.00060	mg/Kg	☼	09/27/25 08:39	09/30/25 03:40	1
Chloroethane	0.0011	U	0.0011	0.00058	mg/Kg	☼	09/27/25 08:39	09/30/25 03:40	1
Chloroform	0.0011	U	0.0011	0.0011	mg/Kg	☼	09/27/25 08:39	09/30/25 03:40	1
Chloromethane	0.0011	U	0.0011	0.00049	mg/Kg	☼	09/27/25 08:39	09/30/25 03:40	1
cis-1,2-Dichloroethene	0.0011	U	0.0011	0.00040	mg/Kg	☼	09/27/25 08:39	09/30/25 03:40	1
cis-1,3-Dichloropropene	0.0011	U	0.0011	0.00030	mg/Kg	☼	09/27/25 08:39	09/30/25 03:40	1
Cyclohexane	0.0011	U	0.0011	0.00025	mg/Kg	☼	09/27/25 08:39	09/30/25 03:40	1
Dichlorobromomethane	0.0011	U	0.0011	0.00029	mg/Kg	☼	09/27/25 08:39	09/30/25 03:40	1
Dichlorodifluoromethane	0.0011	U	0.0011	0.00038	mg/Kg	☼	09/27/25 08:39	09/30/25 03:40	1
Ethylbenzene	0.0011	U	0.0011	0.00052	mg/Kg	☼	09/27/25 08:39	09/30/25 03:40	1
Ethylene Dibromide	0.0011	U	0.0011	0.00056	mg/Kg	☼	09/27/25 08:39	09/30/25 03:40	1
Isopropylbenzene	0.0011	U	0.0011	0.00032	mg/Kg	☼	09/27/25 08:39	09/30/25 03:40	1
Methyl acetate	0.0056	U	0.0056	0.0048	mg/Kg	☼	09/27/25 08:39	09/30/25 03:40	1
Methyl tert-butyl ether	0.0011	U	0.0011	0.00057	mg/Kg	☼	09/27/25 08:39	09/30/25 03:40	1
Methylcyclohexane	0.0011	U	0.0011	0.00056	mg/Kg	☼	09/27/25 08:39	09/30/25 03:40	1
Methylene Chloride	**0.0021**	**J**	0.0022	0.0013	mg/Kg	☼	09/27/25 08:39	09/30/25 03:40	1
m-Xylene & p-Xylene	0.0011	U	0.0011	0.00047	mg/Kg	☼	09/27/25 08:39	09/30/25 03:40	1
n-Butylbenzene	0.0011	U	0.0011	0.00033	mg/Kg	☼	09/27/25 08:39	09/30/25 03:40	1
N-Propylbenzene	0.0011	U	0.0011	0.00050	mg/Kg	☼	09/27/25 08:39	09/30/25 03:40	1
o-Xylene	0.0011	U	0.0011	0.00051	mg/Kg	☼	09/27/25 08:39	09/30/25 03:40	1
sec-Butylbenzene	0.0011	U	0.0011	0.00032	mg/Kg	☼	09/27/25 08:39	09/30/25 03:40	1
Styrene	0.0011	U	0.0011	0.00031	mg/Kg	☼	09/27/25 08:39	09/30/25 03:40	1

Client Sample ID: 53B3_9-10

Lab Sample ID: 460-335747-27
Date Collected: 09/25/25 10:25
Matrix: Solid
Date Received: 09/25/25 16:10
Percent Solids: 90.5

Method: SW846 8260D - Volatile Organic Compounds by GC/MS (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
tert-Butylbenzene	0.0011	U	0.0011	0.00031	mg/Kg	☼	09/27/25 08:39	09/30/25 03:40	1
Tetrachloroethene	0.0011	U	0.0011	0.00034	mg/Kg	☼	09/27/25 08:39	09/30/25 03:40	1
Toluene	0.0011	U	0.0011	0.00026	mg/Kg	☼	09/27/25 08:39	09/30/25 03:40	1
trans-1,2-Dichloroethene	0.0011	U	0.0011	0.00027	mg/Kg	☼	09/27/25 08:39	09/30/25 03:40	1
trans-1,3-Dichloropropene	0.0011	U	0.0011	0.00030	mg/Kg	☼	09/27/25 08:39	09/30/25 03:40	1
Trichloroethene	0.0011	U	0.0011	0.00036	mg/Kg	☼	09/27/25 08:39	09/30/25 03:40	1
Trichlorofluoromethane	0.0011	U	0.0011	0.00045	mg/Kg	☼	09/27/25 08:39	09/30/25 03:40	1
Vinyl chloride	0.0011	U	0.0011	0.00061	mg/Kg	☼	09/27/25 08:39	09/30/25 03:40	1
Xylenes, Total	0.0022	U	0.0022	0.00019	mg/Kg	☼	09/27/25 08:39	09/30/25 03:40	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,2-Dichloroethane-d4 (Surr)	*119*		*65 - 138*	*09/27/25 08:39*	*09/30/25 03:40*	*1*
4-Bromofluorobenzene	*106*		*71 - 128*	*09/27/25 08:39*	*09/30/25 03:40*	*1*
Dibromofluoromethane (Surr)	*116*		*50 - 150*	*09/27/25 08:39*	*09/30/25 03:40*	*1*
Toluene-d8 (Surr)	*106*		*71 - 126*	*09/27/25 08:39*	*09/30/25 03:40*	*1*

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Percent Moisture (EPA Moisture)	**9.5**		1.0	1.0	%			09/28/25 21:10	1
Percent Solids (EPA Moisture)	**90.5**		1.0	1.0	%			09/28/25 21:10	1

Client Sample ID: 53B1_2-3

Lab Sample ID: 460-335747-28
Date Collected: 09/25/25 10:30
Matrix: Solid
Date Received: 09/25/25 16:10
Percent Solids: 89.2

Method: SW846 8260D - Volatile Organic Compounds by GC/MS

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1-Trichloroethane	0.0010	U	0.0010	0.00024	mg/Kg	☼	09/27/25 08:39	09/30/25 04:04	1
1,1,2,2-Tetrachloroethane	0.0010	U	0.0010	0.00054	mg/Kg	☼	09/27/25 08:39	09/30/25 04:04	1
1,1,2-Trichloro-1,2,2-trifluoroethane	0.0010	U	0.0010	0.00031	mg/Kg	☼	09/27/25 08:39	09/30/25 04:04	1
1,1,2-Trichloroethane	0.0010	U	0.0010	0.00062	mg/Kg	☼	09/27/25 08:39	09/30/25 04:04	1
1,1-Dichloroethane	0.0010	U	0.0010	0.00061	mg/Kg	☼	09/27/25 08:39	09/30/25 04:04	1
1,1-Dichloroethene	0.0010	U	0.0010	0.00023	mg/Kg	☼	09/27/25 08:39	09/30/25 04:04	1
1,2,3-Trichlorobenzene	0.0010	U	0.0010	0.00076	mg/Kg	☼	09/27/25 08:39	09/30/25 04:04	1
1,2,4-Trichlorobenzene	0.0010	U	0.0010	0.00037	mg/Kg	☼	09/27/25 08:39	09/30/25 04:04	1
1,2,4-Trimethylbenzene	0.0010	U	0.0010	0.00025	mg/Kg	☼	09/27/25 08:39	09/30/25 04:04	1
1,2-Dibromo-3-Chloropropane	0.0010	U	0.0010	0.00047	mg/Kg	☼	09/27/25 08:39	09/30/25 04:04	1
1,2-Dichlorobenzene	0.0010	U	0.0010	0.00037	mg/Kg	☼	09/27/25 08:39	09/30/25 04:04	1
1,2-Dichloroethane	0.0010	U	0.0010	0.00030	mg/Kg	☼	09/27/25 08:39	09/30/25 04:04	1
1,2-Dichloropropane	0.0010	U	0.0010	0.00044	mg/Kg	☼	09/27/25 08:39	09/30/25 04:04	1
1,3,5-Trimethylbenzene	0.0010	U	0.0010	0.00032	mg/Kg	☼	09/27/25 08:39	09/30/25 04:04	1
1,3-Dichlorobenzene	0.0010	U	0.0010	0.00038	mg/Kg	☼	09/27/25 08:39	09/30/25 04:04	1
1,4-Dichlorobenzene	0.0010	U	0.0010	0.00053	mg/Kg	☼	09/27/25 08:39	09/30/25 04:04	1
2-Butanone (MEK)	0.0051	U	0.0051	0.00038	mg/Kg	☼	09/27/25 08:39	09/30/25 04:04	1
2-Hexanone	0.0051	U	0.0051	0.0018	mg/Kg	☼	09/27/25 08:39	09/30/25 04:04	1
4-Methyl-2-pentanone (MIBK)	0.0051	U	0.0051	0.0016	mg/Kg	☼	09/27/25 08:39	09/30/25 04:04	1
Acetone	0.0062	U	0.0062	0.0059	mg/Kg	☼	09/27/25 08:39	09/30/25 04:04	1
Benzene	0.0010	U	0.0010	0.00058	mg/Kg	☼	09/27/25 08:39	09/30/25 04:04	1
Bromoform	0.0010	U	0.0010	0.00044	mg/Kg	☼	09/27/25 08:39	09/30/25 04:04	1
Bromomethane	0.0021	U	0.0021	0.0010	mg/Kg	☼	09/27/25 08:39	09/30/25 04:04	1

Client Sample ID: 53B1_2-3
Date Collected: 09/25/25 10:30
Date Received: 09/25/25 16:10

Lab Sample ID: 460-335747-28
Matrix: Solid
Percent Solids: 89.2

Method: SW846 8260D - Volatile Organic Compounds by GC/MS (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Carbon disulfide	0.0010	U	0.0010	0.00027	mg/Kg	☼	09/27/25 08:39	09/30/25 04:04	1
Carbon tetrachloride	0.0010	U	0.0010	0.00040	mg/Kg	☼	09/27/25 08:39	09/30/25 04:04	1
Chlorobenzene	0.0010	U	0.0010	0.00052	mg/Kg	☼	09/27/25 08:39	09/30/25 04:04	1
Chlorobromomethane	0.0010	U	0.0010	0.00061	mg/Kg	☼	09/27/25 08:39	09/30/25 04:04	1
Chlorodibromomethane	0.0010	U	0.0010	0.00055	mg/Kg	☼	09/27/25 08:39	09/30/25 04:04	1
Chloroethane	0.0010	U	0.0010	0.00054	mg/Kg	☼	09/27/25 08:39	09/30/25 04:04	1
Chloroform	0.0010	U	0.0010	0.0010	mg/Kg	☼	09/27/25 08:39	09/30/25 04:04	1
Chloromethane	0.0010	U	0.0010	0.00045	mg/Kg	☼	09/27/25 08:39	09/30/25 04:04	1
cis-1,2-Dichloroethene	0.0010	U	0.0010	0.00037	mg/Kg	☼	09/27/25 08:39	09/30/25 04:04	1
cis-1,3-Dichloropropene	0.0010	U	0.0010	0.00028	mg/Kg	☼	09/27/25 08:39	09/30/25 04:04	1
Cyclohexane	0.0010	U	0.0010	0.00023	mg/Kg	☼	09/27/25 08:39	09/30/25 04:04	1
Dichlorobromomethane	0.0010	U	0.0010	0.00026	mg/Kg	☼	09/27/25 08:39	09/30/25 04:04	1
Dichlorodifluoromethane	0.0010	U	0.0010	0.00035	mg/Kg	☼	09/27/25 08:39	09/30/25 04:04	1
Ethylbenzene	0.0010	U	0.0010	0.00048	mg/Kg	☼	09/27/25 08:39	09/30/25 04:04	1
Ethylene Dibromide	0.0010	U	0.0010	0.00052	mg/Kg	☼	09/27/25 08:39	09/30/25 04:04	1
Isopropylbenzene	0.0010	U	0.0010	0.00029	mg/Kg	☼	09/27/25 08:39	09/30/25 04:04	1
Methyl acetate	0.0051	U	0.0051	0.0044	mg/Kg	☼	09/27/25 08:39	09/30/25 04:04	1
Methyl tert-butyl ether	0.0010	U	0.0010	0.00053	mg/Kg	☼	09/27/25 08:39	09/30/25 04:04	1
Methylcyclohexane	0.0010	U	0.0010	0.00051	mg/Kg	☼	09/27/25 08:39	09/30/25 04:04	1
Methylene Chloride	**0.0027**		0.0021	0.0012	mg/Kg	☼	09/27/25 08:39	09/30/25 04:04	1
m-Xylene & p-Xylene	0.0010	U	0.0010	0.00044	mg/Kg	☼	09/27/25 08:39	09/30/25 04:04	1
n-Butylbenzene	0.0010	U	0.0010	0.00030	mg/Kg	☼	09/27/25 08:39	09/30/25 04:04	1
N-Propylbenzene	0.0010	U	0.0010	0.00046	mg/Kg	☼	09/27/25 08:39	09/30/25 04:04	1
o-Xylene	0.0010	U	0.0010	0.00047	mg/Kg	☼	09/27/25 08:39	09/30/25 04:04	1
sec-Butylbenzene	0.0010	U	0.0010	0.00030	mg/Kg	☼	09/27/25 08:39	09/30/25 04:04	1
Styrene	0.0010	U	0.0010	0.00029	mg/Kg	☼	09/27/25 08:39	09/30/25 04:04	1
tert-Butylbenzene	0.0010	U	0.0010	0.00028	mg/Kg	☼	09/27/25 08:39	09/30/25 04:04	1
Tetrachloroethene	0.0010	U	0.0010	0.00031	mg/Kg	☼	09/27/25 08:39	09/30/25 04:04	1
Toluene	0.0010	U	0.0010	0.00024	mg/Kg	☼	09/27/25 08:39	09/30/25 04:04	1
trans-1,2-Dichloroethene	0.0010	U	0.0010	0.00025	mg/Kg	☼	09/27/25 08:39	09/30/25 04:04	1
trans-1,3-Dichloropropene	0.0010	U	0.0010	0.00027	mg/Kg	☼	09/27/25 08:39	09/30/25 04:04	1
Trichloroethene	0.0010	U	0.0010	0.00033	mg/Kg	☼	09/27/25 08:39	09/30/25 04:04	1
Trichlorofluoromethane	0.0010	U	0.0010	0.00042	mg/Kg	☼	09/27/25 08:39	09/30/25 04:04	1
Vinyl chloride	0.0010	U	0.0010	0.00056	mg/Kg	☼	09/27/25 08:39	09/30/25 04:04	1
Xylenes, Total	0.0021	U	0.0021	0.00018	mg/Kg	☼	09/27/25 08:39	09/30/25 04:04	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,2-Dichloroethane-d4 (Surr)	*124*		*65 - 138*	*09/27/25 08:39*	*09/30/25 04:04*	*1*
4-Bromofluorobenzene	*108*		*71 - 128*	*09/27/25 08:39*	*09/30/25 04:04*	*1*
Dibromofluoromethane (Surr)	*119*		*50 - 150*	*09/27/25 08:39*	*09/30/25 04:04*	*1*
Toluene-d8 (Surr)	*110*		*71 - 126*	*09/27/25 08:39*	*09/30/25 04:04*	*1*

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Percent Moisture (EPA Moisture)	**10.8**		1.0	1.0	%			09/28/25 21:10	1
Percent Solids (EPA Moisture)	**89.2**		1.0	1.0	%			09/28/25 21:10	1

Client Sample ID: 53B3_1-2
Date Collected: 09/25/25 10:35
Date Received: 09/25/25 16:10

Lab Sample ID: 460-335747-29
Matrix: Solid
Percent Solids: 90.1

Method: SW846 8260D - Volatile Organic Compounds by GC/MS

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1-Trichloroethane	0.0011	U	0.0011	0.00025	mg/Kg	☼	09/27/25 08:40	09/30/25 08:51	1
1,1,2,2-Tetrachloroethane	0.0011	U	0.0011	0.00057	mg/Kg	☼	09/27/25 08:40	09/30/25 08:51	1
1,1,2-Trichloro-1,2,2-trifluoroethane	0.0011	U *	0.0011	0.00033	mg/Kg	☼	09/27/25 08:40	09/30/25 08:51	1
1,1,2-Trichloroethane	0.0011	U	0.0011	0.00066	mg/Kg	☼	09/27/25 08:40	09/30/25 08:51	1
1,1-Dichloroethane	0.0011	U	0.0011	0.00065	mg/Kg	☼	09/27/25 08:40	09/30/25 08:51	1
1,1-Dichloroethene	0.0011	U	0.0011	0.00025	mg/Kg	☼	09/27/25 08:40	09/30/25 08:51	1
1,2,3-Trichlorobenzene	0.0011	U	0.0011	0.00081	mg/Kg	☼	09/27/25 08:40	09/30/25 08:51	1
1,2,4-Trichlorobenzene	0.0011	U	0.0011	0.00039	mg/Kg	☼	09/27/25 08:40	09/30/25 08:51	1
1,2,4-Trimethylbenzene	0.0011	U	0.0011	0.00027	mg/Kg	☼	09/27/25 08:40	09/30/25 08:51	1
1,2-Dibromo-3-Chloropropane	0.0011	U	0.0011	0.00050	mg/Kg	☼	09/27/25 08:40	09/30/25 08:51	1
1,2-Dichlorobenzene	0.0011	U	0.0011	0.00039	mg/Kg	☼	09/27/25 08:40	09/30/25 08:51	1
1,2-Dichloroethane	0.0011	U *	0.0011	0.00032	mg/Kg	☼	09/27/25 08:40	09/30/25 08:51	1
1,2-Dichloropropane	0.0011	U	0.0011	0.00046	mg/Kg	☼	09/27/25 08:40	09/30/25 08:51	1
1,3,5-Trimethylbenzene	0.0011	U	0.0011	0.00034	mg/Kg	☼	09/27/25 08:40	09/30/25 08:51	1
1,3-Dichlorobenzene	0.0011	U	0.0011	0.00040	mg/Kg	☼	09/27/25 08:40	09/30/25 08:51	1
1,4-Dichlorobenzene	0.0011	U	0.0011	0.00057	mg/Kg	☼	09/27/25 08:40	09/30/25 08:51	1
2-Butanone (MEK)	0.0055	U	0.0055	0.00040	mg/Kg	☼	09/27/25 08:40	09/30/25 08:51	1
2-Hexanone	0.0055	U *	0.0055	0.0019	mg/Kg	☼	09/27/25 08:40	09/30/25 08:51	1
4-Methyl-2-pentanone (MIBK)	0.0055	U *	0.0055	0.0017	mg/Kg	☼	09/27/25 08:40	09/30/25 08:51	1
Acetone	0.0066	U	0.0066	0.0063	mg/Kg	☼	09/27/25 08:40	09/30/25 08:51	1
Benzene	0.0011	U	0.0011	0.00062	mg/Kg	☼	09/27/25 08:40	09/30/25 08:51	1
Bromoform	0.0011	U	0.0011	0.00046	mg/Kg	☼	09/27/25 08:40	09/30/25 08:51	1
Bromomethane	0.0022	U	0.0022	0.0011	mg/Kg	☼	09/27/25 08:40	09/30/25 08:51	1
Carbon disulfide	0.0011	U	0.0011	0.00029	mg/Kg	☼	09/27/25 08:40	09/30/25 08:51	1
Carbon tetrachloride	0.0011	U	0.0011	0.00042	mg/Kg	☼	09/27/25 08:40	09/30/25 08:51	1
Chlorobenzene	0.0011	U	0.0011	0.00055	mg/Kg	☼	09/27/25 08:40	09/30/25 08:51	1
Chlorobromomethane	0.0011	U	0.0011	0.00065	mg/Kg	☼	09/27/25 08:40	09/30/25 08:51	1
Chlorodibromomethane	0.0011	U	0.0011	0.00059	mg/Kg	☼	09/27/25 08:40	09/30/25 08:51	1
Chloroethane	0.0011	U	0.0011	0.00057	mg/Kg	☼	09/27/25 08:40	09/30/25 08:51	1
Chloroform	0.0011	U	0.0011	0.0011	mg/Kg	☼	09/27/25 08:40	09/30/25 08:51	1
Chloromethane	0.0011	U	0.0011	0.00048	mg/Kg	☼	09/27/25 08:40	09/30/25 08:51	1
cis-1,2-Dichloroethene	0.0011	U	0.0011	0.00039	mg/Kg	☼	09/27/25 08:40	09/30/25 08:51	1
cis-1,3-Dichloropropene	0.0011	U	0.0011	0.00030	mg/Kg	☼	09/27/25 08:40	09/30/25 08:51	1
Cyclohexane	0.0011	U	0.0011	0.00024	mg/Kg	☼	09/27/25 08:40	09/30/25 08:51	1
Dichlorobromomethane	0.0011	U	0.0011	0.00028	mg/Kg	☼	09/27/25 08:40	09/30/25 08:51	1
Dichlorodifluoromethane	0.0011	U	0.0011	0.00037	mg/Kg	☼	09/27/25 08:40	09/30/25 08:51	1
Ethylbenzene	0.0011	U	0.0011	0.00051	mg/Kg	☼	09/27/25 08:40	09/30/25 08:51	1
Ethylene Dibromide	0.0011	U	0.0011	0.00055	mg/Kg	☼	09/27/25 08:40	09/30/25 08:51	1
Isopropylbenzene	0.0011	U	0.0011	0.00031	mg/Kg	☼	09/27/25 08:40	09/30/25 08:51	1
Methyl acetate	0.0055	U	0.0055	0.0047	mg/Kg	☼	09/27/25 08:40	09/30/25 08:51	1
Methyl tert-butyl ether	0.0011	U	0.0011	0.00056	mg/Kg	☼	09/27/25 08:40	09/30/25 08:51	1
Methylcyclohexane	0.0011	U	0.0011	0.00055	mg/Kg	☼	09/27/25 08:40	09/30/25 08:51	1
Methylene Chloride	**0.0013**	**J**	0.0022	0.0013	mg/Kg	☼	09/27/25 08:40	09/30/25 08:51	1
m-Xylene & p-Xylene	0.0011	U	0.0011	0.00046	mg/Kg	☼	09/27/25 08:40	09/30/25 08:51	1
n-Butylbenzene	0.0011	U	0.0011	0.00032	mg/Kg	☼	09/27/25 08:40	09/30/25 08:51	1
N-Propylbenzene	0.0011	U	0.0011	0.00049	mg/Kg	☼	09/27/25 08:40	09/30/25 08:51	1
o-Xylene	0.0011	U	0.0011	0.00050	mg/Kg	☼	09/27/25 08:40	09/30/25 08:51	1
sec-Butylbenzene	0.0011	U	0.0011	0.00031	mg/Kg	☼	09/27/25 08:40	09/30/25 08:51	1
Styrene	0.0011	U	0.0011	0.00030	mg/Kg	☼	09/27/25 08:40	09/30/25 08:51	1

Client Sample ID: 53B3_1-2

Lab Sample ID: 460-335747-29
Date Collected: 09/25/25 10:35
Matrix: Solid
Date Received: 09/25/25 16:10
Percent Solids: 90.1

Method: SW846 8260D - Volatile Organic Compounds by GC/MS (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
tert-Butylbenzene	0.0011	U	0.0011	0.00030	mg/Kg	☼	09/27/25 08:40	09/30/25 08:51	1
Tetrachloroethene	0.0011	U	0.0011	0.00033	mg/Kg	☼	09/27/25 08:40	09/30/25 08:51	1
Toluene	0.0011	U	0.0011	0.00026	mg/Kg	☼	09/27/25 08:40	09/30/25 08:51	1
trans-1,2-Dichloroethene	0.0011	U	0.0011	0.00027	mg/Kg	☼	09/27/25 08:40	09/30/25 08:51	1
trans-1,3-Dichloropropene	0.0011	U	0.0011	0.00029	mg/Kg	☼	09/27/25 08:40	09/30/25 08:51	1
Trichloroethene	0.0011	U	0.0011	0.00035	mg/Kg	☼	09/27/25 08:40	09/30/25 08:51	1
Trichlorofluoromethane	0.0011	U	0.0011	0.00044	mg/Kg	☼	09/27/25 08:40	09/30/25 08:51	1
Vinyl chloride	0.0011	U	0.0011	0.00060	mg/Kg	☼	09/27/25 08:40	09/30/25 08:51	1
Xylenes, Total	0.0022	U	0.0022	0.00019	mg/Kg	☼	09/27/25 08:40	09/30/25 08:51	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,2-Dichloroethane-d4 (Surr)	*122*		*65 - 138*	*09/27/25 08:40*	*09/30/25 08:51*	*1*
4-Bromofluorobenzene	*105*		*71 - 128*	*09/27/25 08:40*	*09/30/25 08:51*	*1*
Dibromofluoromethane (Surr)	*118*		*50 - 150*	*09/27/25 08:40*	*09/30/25 08:51*	*1*
Toluene-d8 (Surr)	*109*		*71 - 126*	*09/27/25 08:40*	*09/30/25 08:51*	*1*

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Percent Moisture (EPA Moisture)	**9.9**		1.0	1.0	%			09/28/25 21:10	1
Percent Solids (EPA Moisture)	**90.1**		1.0	1.0	%			09/28/25 21:10	1

Client Sample ID: 53B2_6-7

Lab Sample ID: 460-335747-30
Date Collected: 09/25/25 10:40
Matrix: Solid
Date Received: 09/25/25 16:10
Percent Solids: 87.6

Method: SW846 8260D - Volatile Organic Compounds by GC/MS

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1-Trichloroethane	0.00090	U	0.00090	0.00021	mg/Kg	☼	09/27/25 08:40	09/30/25 09:15	1
1,1,2,2-Tetrachloroethane	0.00090	U	0.00090	0.00047	mg/Kg	☼	09/27/25 08:40	09/30/25 09:15	1
1,1,2-Trichloro-1,2,2-trifluoroethane	0.00090	U *	0.00090	0.00027	mg/Kg	☼	09/27/25 08:40	09/30/25 09:15	1
1,1,2-Trichloroethane	0.00090	U	0.00090	0.00054	mg/Kg	☼	09/27/25 08:40	09/30/25 09:15	1
1,1-Dichloroethane	0.00090	U	0.00090	0.00054	mg/Kg	☼	09/27/25 08:40	09/30/25 09:15	1
1,1-Dichloroethene	0.00090	U	0.00090	0.00020	mg/Kg	☼	09/27/25 08:40	09/30/25 09:15	1
1,2,3-Trichlorobenzene	0.00090	U	0.00090	0.00067	mg/Kg	☼	09/27/25 08:40	09/30/25 09:15	1
1,2,4-Trichlorobenzene	0.00090	U	0.00090	0.00032	mg/Kg	☼	09/27/25 08:40	09/30/25 09:15	1
1,2,4-Trimethylbenzene	0.00090	U	0.00090	0.00022	mg/Kg	☼	09/27/25 08:40	09/30/25 09:15	1
1,2-Dibromo-3-Chloropropane	0.00090	U	0.00090	0.00042	mg/Kg	☼	09/27/25 08:40	09/30/25 09:15	1
1,2-Dichlorobenzene	0.00090	U	0.00090	0.00033	mg/Kg	☼	09/27/25 08:40	09/30/25 09:15	1
1,2-Dichloroethane	0.00090	U *	0.00090	0.00027	mg/Kg	☼	09/27/25 08:40	09/30/25 09:15	1
1,2-Dichloropropane	0.00090	U	0.00090	0.00038	mg/Kg	☼	09/27/25 08:40	09/30/25 09:15	1
1,3,5-Trimethylbenzene	0.00090	U	0.00090	0.00028	mg/Kg	☼	09/27/25 08:40	09/30/25 09:15	1
1,3-Dichlorobenzene	0.00090	U	0.00090	0.00033	mg/Kg	☼	09/27/25 08:40	09/30/25 09:15	1
1,4-Dichlorobenzene	0.00090	U	0.00090	0.00047	mg/Kg	☼	09/27/25 08:40	09/30/25 09:15	1
2-Butanone (MEK)	0.0045	U	0.0045	0.00033	mg/Kg	☼	09/27/25 08:40	09/30/25 09:15	1
2-Hexanone	0.0045	U *	0.0045	0.0015	mg/Kg	☼	09/27/25 08:40	09/30/25 09:15	1
4-Methyl-2-pentanone (MIBK)	0.0045	U *	0.0045	0.0014	mg/Kg	☼	09/27/25 08:40	09/30/25 09:15	1
Acetone	0.0054	U	0.0054	0.0052	mg/Kg	☼	09/27/25 08:40	09/30/25 09:15	1
Benzene	0.00090	U	0.00090	0.00051	mg/Kg	☼	09/27/25 08:40	09/30/25 09:15	1
Bromoform	0.00090	U	0.00090	0.00038	mg/Kg	☼	09/27/25 08:40	09/30/25 09:15	1
Bromomethane	0.0018	U	0.0018	0.00090	mg/Kg	☼	09/27/25 08:40	09/30/25 09:15	1

Client Sample ID: 53B2_6-7
Date Collected: 09/25/25 10:40
Date Received: 09/25/25 16:10

Lab Sample ID: 460-335747-30
Matrix: Solid
Percent Solids: 87.6

Method: SW846 8260D - Volatile Organic Compounds by GC/MS (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Carbon disulfide	0.00090	U	0.00090	0.00024	mg/Kg	☼	09/27/25 08:40	09/30/25 09:15	1
Carbon tetrachloride	0.00090	U	0.00090	0.00035	mg/Kg	☼	09/27/25 08:40	09/30/25 09:15	1
Chlorobenzene	0.00090	U	0.00090	0.00046	mg/Kg	☼	09/27/25 08:40	09/30/25 09:15	1
Chlorobromomethane	0.00090	U	0.00090	0.00054	mg/Kg	☼	09/27/25 08:40	09/30/25 09:15	1
Chlorodibromomethane	0.00090	U	0.00090	0.00049	mg/Kg	☼	09/27/25 08:40	09/30/25 09:15	1
Chloroethane	0.00090	U	0.00090	0.00047	mg/Kg	☼	09/27/25 08:40	09/30/25 09:15	1
Chloroform	0.00090	U	0.00090	0.00088	mg/Kg	☼	09/27/25 08:40	09/30/25 09:15	1
Chloromethane	0.00090	U	0.00090	0.00039	mg/Kg	☼	09/27/25 08:40	09/30/25 09:15	1
cis-1,2-Dichloroethene	0.00090	U	0.00090	0.00032	mg/Kg	☼	09/27/25 08:40	09/30/25 09:15	1
cis-1,3-Dichloropropene	0.00090	U	0.00090	0.00025	mg/Kg	☼	09/27/25 08:40	09/30/25 09:15	1
Cyclohexane	0.00090	U	0.00090	0.00020	mg/Kg	☼	09/27/25 08:40	09/30/25 09:15	1
Dichlorobromomethane	0.00090	U	0.00090	0.00023	mg/Kg	☼	09/27/25 08:40	09/30/25 09:15	1
Dichlorodifluoromethane	0.00090	U	0.00090	0.00031	mg/Kg	☼	09/27/25 08:40	09/30/25 09:15	1
Ethylbenzene	0.00090	U	0.00090	0.00042	mg/Kg	☼	09/27/25 08:40	09/30/25 09:15	1
Ethylene Dibromide	0.00090	U	0.00090	0.00046	mg/Kg	☼	09/27/25 08:40	09/30/25 09:15	1
Isopropylbenzene	0.00090	U	0.00090	0.00026	mg/Kg	☼	09/27/25 08:40	09/30/25 09:15	1
Methyl acetate	0.0045	U	0.0045	0.0039	mg/Kg	☼	09/27/25 08:40	09/30/25 09:15	1
Methyl tert-butyl ether	0.00090	U	0.00090	0.00046	mg/Kg	☼	09/27/25 08:40	09/30/25 09:15	1
Methylcyclohexane	0.00090	U	0.00090	0.00045	mg/Kg	☼	09/27/25 08:40	09/30/25 09:15	1
Methylene Chloride	**0.0030**		0.0018	0.0010	mg/Kg	☼	09/27/25 08:40	09/30/25 09:15	1
m-Xylene & p-Xylene	0.00090	U	0.00090	0.00038	mg/Kg	☼	09/27/25 08:40	09/30/25 09:15	1
n-Butylbenzene	0.00090	U	0.00090	0.00027	mg/Kg	☼	09/27/25 08:40	09/30/25 09:15	1
N-Propylbenzene	0.00090	U	0.00090	0.00041	mg/Kg	☼	09/27/25 08:40	09/30/25 09:15	1
o-Xylene	0.00090	U	0.00090	0.00042	mg/Kg	☼	09/27/25 08:40	09/30/25 09:15	1
sec-Butylbenzene	0.00090	U	0.00090	0.00026	mg/Kg	☼	09/27/25 08:40	09/30/25 09:15	1
Styrene	0.00090	U	0.00090	0.00025	mg/Kg	☼	09/27/25 08:40	09/30/25 09:15	1
tert-Butylbenzene	0.00090	U	0.00090	0.00025	mg/Kg	☼	09/27/25 08:40	09/30/25 09:15	1
Tetrachloroethene	0.00090	U	0.00090	0.00028	mg/Kg	☼	09/27/25 08:40	09/30/25 09:15	1
Toluene	0.00090	U	0.00090	0.00021	mg/Kg	☼	09/27/25 08:40	09/30/25 09:15	1
trans-1,2-Dichloroethene	0.00090	U	0.00090	0.00022	mg/Kg	☼	09/27/25 08:40	09/30/25 09:15	1
trans-1,3-Dichloropropene	0.00090	U	0.00090	0.00024	mg/Kg	☼	09/27/25 08:40	09/30/25 09:15	1
Trichloroethene	0.00090	U	0.00090	0.00029	mg/Kg	☼	09/27/25 08:40	09/30/25 09:15	1
Trichlorofluoromethane	0.00090	U	0.00090	0.00037	mg/Kg	☼	09/27/25 08:40	09/30/25 09:15	1
Vinyl chloride	0.00090	U	0.00090	0.00049	mg/Kg	☼	09/27/25 08:40	09/30/25 09:15	1
Xylenes, Total	0.0018	U	0.0018	0.00016	mg/Kg	☼	09/27/25 08:40	09/30/25 09:15	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,2-Dichloroethane-d4 (Surr)	*122*		*65 - 138*	*09/27/25 08:40*	*09/30/25 09:15*	*1*
4-Bromofluorobenzene	*112*		*71 - 128*	*09/27/25 08:40*	*09/30/25 09:15*	*1*
Dibromofluoromethane (Surr)	*122*		*50 - 150*	*09/27/25 08:40*	*09/30/25 09:15*	*1*
Toluene-d8 (Surr)	*110*		*71 - 126*	*09/27/25 08:40*	*09/30/25 09:15*	*1*

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Percent Moisture (EPA Moisture)	**12.4**		1.0	1.0	%			09/28/25 21:10	1
Percent Solids (EPA Moisture)	**87.6**		1.0	1.0	%			09/28/25 21:10	1

Client: Haley & Aldrich, Inc.
Project/Site: Former Port Mobil

Job ID: 460-335747-1

Client Sample ID: 53C1_1-2
Date Collected: 09/25/25 10:45
Date Received: 09/25/25 16:10

Lab Sample ID: 460-335747-31
Matrix: Solid
Percent Solids: 90.2

Method: SW846 8260D - Volatile Organic Compounds by GC/MS

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1-Trichloroethane	0.0011	U	0.0011	0.00025	mg/Kg	☼	09/27/25 08:40	09/30/25 09:39	1
1,1,2,2-Tetrachloroethane	0.0011	U	0.0011	0.00057	mg/Kg	☼	09/27/25 08:40	09/30/25 09:39	1
1,1,2-Trichloro-1,2,2-trifluoroethane	0.0011	U *	0.0011	0.00033	mg/Kg	☼	09/27/25 08:40	09/30/25 09:39	1
1,1,2-Trichloroethane	0.0011	U	0.0011	0.00065	mg/Kg	☼	09/27/25 08:40	09/30/25 09:39	1
1,1-Dichloroethane	0.0011	U	0.0011	0.00065	mg/Kg	☼	09/27/25 08:40	09/30/25 09:39	1
1,1-Dichloroethene	0.0011	U	0.0011	0.00024	mg/Kg	☼	09/27/25 08:40	09/30/25 09:39	1
1,2,3-Trichlorobenzene	0.0011	U	0.0011	0.00080	mg/Kg	☼	09/27/25 08:40	09/30/25 09:39	1
1,2,4-Trichlorobenzene	0.0011	U	0.0011	0.00039	mg/Kg	☼	09/27/25 08:40	09/30/25 09:39	1
1,2,4-Trimethylbenzene	0.0011	U	0.0011	0.00027	mg/Kg	☼	09/27/25 08:40	09/30/25 09:39	1
1,2-Dibromo-3-Chloropropane	0.0011	U	0.0011	0.00050	mg/Kg	☼	09/27/25 08:40	09/30/25 09:39	1
1,2-Dichlorobenzene	0.0011	U	0.0011	0.00039	mg/Kg	☼	09/27/25 08:40	09/30/25 09:39	1
1,2-Dichloroethane	0.0011	U *	0.0011	0.00032	mg/Kg	☼	09/27/25 08:40	09/30/25 09:39	1
1,2-Dichloropropane	0.0011	U	0.0011	0.00046	mg/Kg	☼	09/27/25 08:40	09/30/25 09:39	1
1,3,5-Trimethylbenzene	0.0011	U	0.0011	0.00034	mg/Kg	☼	09/27/25 08:40	09/30/25 09:39	1
1,3-Dichlorobenzene	0.0011	U	0.0011	0.00040	mg/Kg	☼	09/27/25 08:40	09/30/25 09:39	1
1,4-Dichlorobenzene	0.0011	U	0.0011	0.00056	mg/Kg	☼	09/27/25 08:40	09/30/25 09:39	1
2-Butanone (MEK)	0.0054	U	0.0054	0.00040	mg/Kg	☼	09/27/25 08:40	09/30/25 09:39	1
2-Hexanone	0.0054	U *	0.0054	0.0019	mg/Kg	☼	09/27/25 08:40	09/30/25 09:39	1
4-Methyl-2-pentanone (MIBK)	0.0054	U *	0.0054	0.0017	mg/Kg	☼	09/27/25 08:40	09/30/25 09:39	1
Acetone	0.0065	U	0.0065	0.0062	mg/Kg	☼	09/27/25 08:40	09/30/25 09:39	1
Benzene	0.0011	U	0.0011	0.00062	mg/Kg	☼	09/27/25 08:40	09/30/25 09:39	1
Bromoform	0.0011	U	0.0011	0.00046	mg/Kg	☼	09/27/25 08:40	09/30/25 09:39	1
Bromomethane	0.0022	U	0.0022	0.0011	mg/Kg	☼	09/27/25 08:40	09/30/25 09:39	1
Carbon disulfide	0.0011	U	0.0011	0.00029	mg/Kg	☼	09/27/25 08:40	09/30/25 09:39	1
Carbon tetrachloride	0.0011	U	0.0011	0.00042	mg/Kg	☼	09/27/25 08:40	09/30/25 09:39	1
Chlorobenzene	0.0011	U	0.0011	0.00055	mg/Kg	☼	09/27/25 08:40	09/30/25 09:39	1
Chlorobromomethane	0.0011	U	0.0011	0.00065	mg/Kg	☼	09/27/25 08:40	09/30/25 09:39	1
Chlorodibromomethane	0.0011	U	0.0011	0.00058	mg/Kg	☼	09/27/25 08:40	09/30/25 09:39	1
Chloroethane	0.0011	U	0.0011	0.00057	mg/Kg	☼	09/27/25 08:40	09/30/25 09:39	1
Chloroform	0.0011	U	0.0011	0.0011	mg/Kg	☼	09/27/25 08:40	09/30/25 09:39	1
Chloromethane	0.0011	U	0.0011	0.00047	mg/Kg	☼	09/27/25 08:40	09/30/25 09:39	1
cis-1,2-Dichloroethene	0.0011	U	0.0011	0.00039	mg/Kg	☼	09/27/25 08:40	09/30/25 09:39	1
cis-1,3-Dichloropropene	0.0011	U	0.0011	0.00030	mg/Kg	☼	09/27/25 08:40	09/30/25 09:39	1
Cyclohexane	0.0011	U	0.0011	0.00024	mg/Kg	☼	09/27/25 08:40	09/30/25 09:39	1
Dichlorobromomethane	0.0011	U	0.0011	0.00028	mg/Kg	☼	09/27/25 08:40	09/30/25 09:39	1
Dichlorodifluoromethane	0.0011	U	0.0011	0.00037	mg/Kg	☼	09/27/25 08:40	09/30/25 09:39	1
Ethylbenzene	0.0011	U	0.0011	0.00051	mg/Kg	☼	09/27/25 08:40	09/30/25 09:39	1
Ethylene Dibromide	0.0011	U	0.0011	0.00055	mg/Kg	☼	09/27/25 08:40	09/30/25 09:39	1
Isopropylbenzene	0.0011	U	0.0011	0.00031	mg/Kg	☼	09/27/25 08:40	09/30/25 09:39	1
Methyl acetate	0.0054	U	0.0054	0.0047	mg/Kg	☼	09/27/25 08:40	09/30/25 09:39	1
Methyl tert-butyl ether	0.0011	U	0.0011	0.00056	mg/Kg	☼	09/27/25 08:40	09/30/25 09:39	1
Methylcyclohexane	0.0011	U	0.0011	0.00054	mg/Kg	☼	09/27/25 08:40	09/30/25 09:39	1
Methylene Chloride	**0.0040**		0.0022	0.0012	mg/Kg	☼	09/27/25 08:40	09/30/25 09:39	1
m-Xylene & p-Xylene	0.0011	U	0.0011	0.00046	mg/Kg	☼	09/27/25 08:40	09/30/25 09:39	1
n-Butylbenzene	0.0011	U	0.0011	0.00032	mg/Kg	☼	09/27/25 08:40	09/30/25 09:39	1
N-Propylbenzene	0.0011	U	0.0011	0.00049	mg/Kg	☼	09/27/25 08:40	09/30/25 09:39	1
o-Xylene	0.0011	U	0.0011	0.00050	mg/Kg	☼	09/27/25 08:40	09/30/25 09:39	1
sec-Butylbenzene	0.0011	U	0.0011	0.00031	mg/Kg	☼	09/27/25 08:40	09/30/25 09:39	1
Styrene	0.0011	U	0.0011	0.00030	mg/Kg	☼	09/27/25 08:40	09/30/25 09:39	1

Client Sample ID: 53C1_1-2

Lab Sample ID: 460-335747-31
Date Collected: 09/25/25 10:45
Matrix: Solid
Date Received: 09/25/25 16:10
Percent Solids: 90.2

Method: SW846 8260D - Volatile Organic Compounds by GC/MS (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
tert-Butylbenzene	0.0011	U	0.0011	0.00030	mg/Kg	☼	09/27/25 08:40	09/30/25 09:39	1
Tetrachloroethene	0.0011	U	0.0011	0.00033	mg/Kg	☼	09/27/25 08:40	09/30/25 09:39	1
Toluene	0.0011	U	0.0011	0.00025	mg/Kg	☼	09/27/25 08:40	09/30/25 09:39	1
trans-1,2-Dichloroethene	0.0011	U	0.0011	0.00027	mg/Kg	☼	09/27/25 08:40	09/30/25 09:39	1
trans-1,3-Dichloropropene	0.0011	U	0.0011	0.00029	mg/Kg	☼	09/27/25 08:40	09/30/25 09:39	1
Trichloroethene	0.0011	U	0.0011	0.00035	mg/Kg	☼	09/27/25 08:40	09/30/25 09:39	1
Trichlorofluoromethane	0.0011	U	0.0011	0.00044	mg/Kg	☼	09/27/25 08:40	09/30/25 09:39	1
Vinyl chloride	0.0011	U	0.0011	0.00059	mg/Kg	☼	09/27/25 08:40	09/30/25 09:39	1
Xylenes, Total	0.0022	U	0.0022	0.00019	mg/Kg	☼	09/27/25 08:40	09/30/25 09:39	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,2-Dichloroethane-d4 (Surr)	*123*		*65 - 138*	*09/27/25 08:40*	*09/30/25 09:39*	*1*
4-Bromofluorobenzene	*109*		*71 - 128*	*09/27/25 08:40*	*09/30/25 09:39*	*1*
Dibromofluoromethane (Surr)	*123*		*50 - 150*	*09/27/25 08:40*	*09/30/25 09:39*	*1*
Toluene-d8 (Surr)	*111*		*71 - 126*	*09/27/25 08:40*	*09/30/25 09:39*	*1*

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Percent Moisture (EPA Moisture)	**9.8**		1.0	1.0	%			09/28/25 21:10	1
Percent Solids (EPA Moisture)	**90.2**		1.0	1.0	%			09/28/25 21:10	1

Client Sample ID: 53C1_9-10

Lab Sample ID: 460-335747-32
Date Collected: 09/25/25 10:50
Matrix: Solid
Date Received: 09/25/25 16:10
Percent Solids: 91.9

Method: SW846 8260D - Volatile Organic Compounds by GC/MS

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1-Trichloroethane	0.0011	U	0.0011	0.00025	mg/Kg	☼	09/27/25 08:41	09/30/25 10:03	1
1,1,2,2-Tetrachloroethane	0.0011	U	0.0011	0.00056	mg/Kg	☼	09/27/25 08:41	09/30/25 10:03	1
1,1,2-Trichloro-1,2,2-trifluoroethane	0.0011	U *	0.0011	0.00032	mg/Kg	☼	09/27/25 08:41	09/30/25 10:03	1
1,1,2-Trichloroethane	0.0011	U	0.0011	0.00065	mg/Kg	☼	09/27/25 08:41	09/30/25 10:03	1
1,1-Dichloroethane	0.0011	U	0.0011	0.00064	mg/Kg	☼	09/27/25 08:41	09/30/25 10:03	1
1,1-Dichloroethene	0.0011	U	0.0011	0.00024	mg/Kg	☼	09/27/25 08:41	09/30/25 10:03	1
1,2,3-Trichlorobenzene	0.0011	U	0.0011	0.00079	mg/Kg	☼	09/27/25 08:41	09/30/25 10:03	1
1,2,4-Trichlorobenzene	0.0011	U	0.0011	0.00039	mg/Kg	☼	09/27/25 08:41	09/30/25 10:03	1
1,2,4-Trimethylbenzene	0.0011	U	0.0011	0.00026	mg/Kg	☼	09/27/25 08:41	09/30/25 10:03	1
1,2-Dibromo-3-Chloropropane	0.0011	U	0.0011	0.00050	mg/Kg	☼	09/27/25 08:41	09/30/25 10:03	1
1,2-Dichlorobenzene	0.0011	U	0.0011	0.00039	mg/Kg	☼	09/27/25 08:41	09/30/25 10:03	1
1,2-Dichloroethane	0.0011	U *	0.0011	0.00032	mg/Kg	☼	09/27/25 08:41	09/30/25 10:03	1
1,2-Dichloropropane	0.0011	U	0.0011	0.00046	mg/Kg	☼	09/27/25 08:41	09/30/25 10:03	1
1,3,5-Trimethylbenzene	0.0011	U	0.0011	0.00034	mg/Kg	☼	09/27/25 08:41	09/30/25 10:03	1
1,3-Dichlorobenzene	0.0011	U	0.0011	0.00039	mg/Kg	☼	09/27/25 08:41	09/30/25 10:03	1
1,4-Dichlorobenzene	0.0011	U	0.0011	0.00056	mg/Kg	☼	09/27/25 08:41	09/30/25 10:03	1
2-Butanone (MEK)	0.0054	U	0.0054	0.00040	mg/Kg	☼	09/27/25 08:41	09/30/25 10:03	1
2-Hexanone	0.0054	U *	0.0054	0.0018	mg/Kg	☼	09/27/25 08:41	09/30/25 10:03	1
4-Methyl-2-pentanone (MIBK)	0.0054	U *	0.0054	0.0017	mg/Kg	☼	09/27/25 08:41	09/30/25 10:03	1
Acetone	0.0065	U	0.0065	0.0062	mg/Kg	☼	09/27/25 08:41	09/30/25 10:03	1
Benzene	0.0011	U	0.0011	0.00061	mg/Kg	☼	09/27/25 08:41	09/30/25 10:03	1
Bromoform	0.0011	U	0.0011	0.00046	mg/Kg	☼	09/27/25 08:41	09/30/25 10:03	1
Bromomethane	0.0022	U	0.0022	0.0011	mg/Kg	☼	09/27/25 08:41	09/30/25 10:03	1

Client Sample ID: 53C1_9-10
Date Collected: 09/25/25 10:50
Date Received: 09/25/25 16:10

Lab Sample ID: 460-335747-32
Matrix: Solid
Percent Solids: 91.9

Method: SW846 8260D - Volatile Organic Compounds by GC/MS (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Carbon disulfide	0.0011	U	0.0011	0.00029	mg/Kg	☼	09/27/25 08:41	09/30/25 10:03	1
Carbon tetrachloride	0.0011	U	0.0011	0.00042	mg/Kg	☼	09/27/25 08:41	09/30/25 10:03	1
Chlorobenzene	0.0011	U	0.0011	0.00055	mg/Kg	☼	09/27/25 08:41	09/30/25 10:03	1
Chlorobromomethane	0.0011	U	0.0011	0.00064	mg/Kg	☼	09/27/25 08:41	09/30/25 10:03	1
Chlorodibromomethane	0.0011	U	0.0011	0.00058	mg/Kg	☼	09/27/25 08:41	09/30/25 10:03	1
Chloroethane	0.0011	U	0.0011	0.00056	mg/Kg	☼	09/27/25 08:41	09/30/25 10:03	1
Chloroform	0.0011	U	0.0011	0.0010	mg/Kg	☼	09/27/25 08:41	09/30/25 10:03	1
Chloromethane	0.0011	U	0.0011	0.00047	mg/Kg	☼	09/27/25 08:41	09/30/25 10:03	1
cis-1,2-Dichloroethene	0.0011	U	0.0011	0.00039	mg/Kg	☼	09/27/25 08:41	09/30/25 10:03	1
cis-1,3-Dichloropropene	0.0011	U	0.0011	0.00029	mg/Kg	☼	09/27/25 08:41	09/30/25 10:03	1
Cyclohexane	0.0011	U	0.0011	0.00024	mg/Kg	☼	09/27/25 08:41	09/30/25 10:03	1
Dichlorobromomethane	0.0011	U	0.0011	0.00028	mg/Kg	☼	09/27/25 08:41	09/30/25 10:03	1
Dichlorodifluoromethane	0.0011	U	0.0011	0.00036	mg/Kg	☼	09/27/25 08:41	09/30/25 10:03	1
Ethylbenzene	0.0011	U	0.0011	0.00050	mg/Kg	☼	09/27/25 08:41	09/30/25 10:03	1
Ethylene Dibromide	0.0011	U	0.0011	0.00054	mg/Kg	☼	09/27/25 08:41	09/30/25 10:03	1
Isopropylbenzene	0.0011	U	0.0011	0.00031	mg/Kg	☼	09/27/25 08:41	09/30/25 10:03	1
Methyl acetate	0.0054	U	0.0054	0.0046	mg/Kg	☼	09/27/25 08:41	09/30/25 10:03	1
Methyl tert-butyl ether	0.0011	U	0.0011	0.00055	mg/Kg	☼	09/27/25 08:41	09/30/25 10:03	1
Methylcyclohexane	0.0011	U	0.0011	0.00054	mg/Kg	☼	09/27/25 08:41	09/30/25 10:03	1
Methylene Chloride	**0.0015**	**J**	0.0022	0.0012	mg/Kg	☼	09/27/25 08:41	09/30/25 10:03	1
m-Xylene & p-Xylene	0.0011	U	0.0011	0.00046	mg/Kg	☼	09/27/25 08:41	09/30/25 10:03	1
n-Butylbenzene	0.0011	U	0.0011	0.00032	mg/Kg	☼	09/27/25 08:41	09/30/25 10:03	1
N-Propylbenzene	0.0011	U	0.0011	0.00048	mg/Kg	☼	09/27/25 08:41	09/30/25 10:03	1
o-Xylene	0.0011	U	0.0011	0.00050	mg/Kg	☼	09/27/25 08:41	09/30/25 10:03	1
sec-Butylbenzene	0.0011	U	0.0011	0.00031	mg/Kg	☼	09/27/25 08:41	09/30/25 10:03	1
Styrene	0.0011	U	0.0011	0.00030	mg/Kg	☼	09/27/25 08:41	09/30/25 10:03	1
tert-Butylbenzene	0.0011	U	0.0011	0.00030	mg/Kg	☼	09/27/25 08:41	09/30/25 10:03	1
Tetrachloroethene	0.0011	U	0.0011	0.00033	mg/Kg	☼	09/27/25 08:41	09/30/25 10:03	1
Toluene	0.0011	U	0.0011	0.00025	mg/Kg	☼	09/27/25 08:41	09/30/25 10:03	1
trans-1,2-Dichloroethene	0.0011	U	0.0011	0.00026	mg/Kg	☼	09/27/25 08:41	09/30/25 10:03	1
trans-1,3-Dichloropropene	0.0011	U	0.0011	0.00029	mg/Kg	☼	09/27/25 08:41	09/30/25 10:03	1
Trichloroethene	0.0011	U	0.0011	0.00035	mg/Kg	☼	09/27/25 08:41	09/30/25 10:03	1
Trichlorofluoromethane	0.0011	U	0.0011	0.00044	mg/Kg	☼	09/27/25 08:41	09/30/25 10:03	1
Vinyl chloride	0.0011	U	0.0011	0.00059	mg/Kg	☼	09/27/25 08:41	09/30/25 10:03	1
Xylenes, Total	0.0022	U	0.0022	0.00019	mg/Kg	☼	09/27/25 08:41	09/30/25 10:03	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,2-Dichloroethane-d4 (Surr)	*129*		*65 - 138*	*09/27/25 08:41*	*09/30/25 10:03*	*1*
4-Bromofluorobenzene	*112*		*71 - 128*	*09/27/25 08:41*	*09/30/25 10:03*	*1*
Dibromofluoromethane (Surr)	*127*		*50 - 150*	*09/27/25 08:41*	*09/30/25 10:03*	*1*
Toluene-d8 (Surr)	*114*		*71 - 126*	*09/27/25 08:41*	*09/30/25 10:03*	*1*

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Percent Moisture (EPA Moisture)	**8.1**		1.0	1.0	%			09/28/25 21:10	1
Percent Solids (EPA Moisture)	**91.9**		1.0	1.0	%			09/28/25 21:10	1

Client: Haley & Aldrich, Inc.
Project/Site: Former Port Mobil

Job ID: 460-335747-1

Client Sample ID: 53C3_2-3
Date Collected: 09/25/25 10:55
Date Received: 09/25/25 16:10

Lab Sample ID: 460-335747-33
Matrix: Solid
Percent Solids: 89.6

Method: SW846 8260D - Volatile Organic Compounds by GC/MS

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1-Trichloroethane	0.00091	U	0.00091	0.00021	mg/Kg	☼	09/27/25 08:41	09/30/25 10:26	1
1,1,2,2-Tetrachloroethane	0.00091	U	0.00091	0.00048	mg/Kg	☼	09/27/25 08:41	09/30/25 10:26	1
1,1,2-Trichloro-1,2,2-trifluoroethane	0.00091	U *	0.00091	0.00027	mg/Kg	☼	09/27/25 08:41	09/30/25 10:26	1
1,1,2-Trichloroethane	0.00091	U	0.00091	0.00055	mg/Kg	☼	09/27/25 08:41	09/30/25 10:26	1
1,1-Dichloroethane	0.00091	U	0.00091	0.00054	mg/Kg	☼	09/27/25 08:41	09/30/25 10:26	1
1,1-Dichloroethene	0.00091	U	0.00091	0.00021	mg/Kg	☼	09/27/25 08:41	09/30/25 10:26	1
1,2,3-Trichlorobenzene	0.00091	U	0.00091	0.00067	mg/Kg	☼	09/27/25 08:41	09/30/25 10:26	1
1,2,4-Trichlorobenzene	0.00091	U	0.00091	0.00033	mg/Kg	☼	09/27/25 08:41	09/30/25 10:26	1
1,2,4-Trimethylbenzene	0.00091	U	0.00091	0.00022	mg/Kg	☼	09/27/25 08:41	09/30/25 10:26	1
1,2-Dibromo-3-Chloropropane	0.00091	U	0.00091	0.00042	mg/Kg	☼	09/27/25 08:41	09/30/25 10:26	1
1,2-Dichlorobenzene	0.00091	U	0.00091	0.00033	mg/Kg	☼	09/27/25 08:41	09/30/25 10:26	1
1,2-Dichloroethane	0.00091	U *	0.00091	0.00027	mg/Kg	☼	09/27/25 08:41	09/30/25 10:26	1
1,2-Dichloropropane	0.00091	U	0.00091	0.00039	mg/Kg	☼	09/27/25 08:41	09/30/25 10:26	1
1,3,5-Trimethylbenzene	0.00091	U	0.00091	0.00029	mg/Kg	☼	09/27/25 08:41	09/30/25 10:26	1
1,3-Dichlorobenzene	0.00091	U	0.00091	0.00033	mg/Kg	☼	09/27/25 08:41	09/30/25 10:26	1
1,4-Dichlorobenzene	0.00091	U	0.00091	0.00047	mg/Kg	☼	09/27/25 08:41	09/30/25 10:26	1
2-Butanone (MEK)	0.0046	U	0.0046	0.00034	mg/Kg	☼	09/27/25 08:41	09/30/25 10:26	1
2-Hexanone	0.0046	U *	0.0046	0.0016	mg/Kg	☼	09/27/25 08:41	09/30/25 10:26	1
4-Methyl-2-pentanone (MIBK)	0.0046	U *	0.0046	0.0014	mg/Kg	☼	09/27/25 08:41	09/30/25 10:26	1
Acetone	0.0055	U	0.0055	0.0052	mg/Kg	☼	09/27/25 08:41	09/30/25 10:26	1
Benzene	0.00091	U	0.00091	0.00052	mg/Kg	☼	09/27/25 08:41	09/30/25 10:26	1
Bromoform	0.00091	U	0.00091	0.00039	mg/Kg	☼	09/27/25 08:41	09/30/25 10:26	1
Bromomethane	0.0018	U	0.0018	0.00091	mg/Kg	☼	09/27/25 08:41	09/30/25 10:26	1
Carbon disulfide	0.00091	U	0.00091	0.00024	mg/Kg	☼	09/27/25 08:41	09/30/25 10:26	1
Carbon tetrachloride	0.00091	U	0.00091	0.00035	mg/Kg	☼	09/27/25 08:41	09/30/25 10:26	1
Chlorobenzene	0.00091	U	0.00091	0.00046	mg/Kg	☼	09/27/25 08:41	09/30/25 10:26	1
Chlorobromomethane	0.00091	U	0.00091	0.00054	mg/Kg	☼	09/27/25 08:41	09/30/25 10:26	1
Chlorodibromomethane	0.00091	U	0.00091	0.00049	mg/Kg	☼	09/27/25 08:41	09/30/25 10:26	1
Chloroethane	0.00091	U	0.00091	0.00048	mg/Kg	☼	09/27/25 08:41	09/30/25 10:26	1
Chloroform	0.00091	U	0.00091	0.00089	mg/Kg	☼	09/27/25 08:41	09/30/25 10:26	1
Chloromethane	0.00091	U	0.00091	0.00040	mg/Kg	☼	09/27/25 08:41	09/30/25 10:26	1
cis-1,2-Dichloroethene	0.00091	U	0.00091	0.00033	mg/Kg	☼	09/27/25 08:41	09/30/25 10:26	1
cis-1,3-Dichloropropene	0.00091	U	0.00091	0.00025	mg/Kg	☼	09/27/25 08:41	09/30/25 10:26	1
Cyclohexane	0.00091	U	0.00091	0.00020	mg/Kg	☼	09/27/25 08:41	09/30/25 10:26	1
Dichlorobromomethane	0.00091	U	0.00091	0.00023	mg/Kg	☼	09/27/25 08:41	09/30/25 10:26	1
Dichlorodifluoromethane	0.00091	U	0.00091	0.00031	mg/Kg	☼	09/27/25 08:41	09/30/25 10:26	1
Ethylbenzene	0.00091	U	0.00091	0.00043	mg/Kg	☼	09/27/25 08:41	09/30/25 10:26	1
Ethylene Dibromide	0.00091	U	0.00091	0.00046	mg/Kg	☼	09/27/25 08:41	09/30/25 10:26	1
Isopropylbenzene	0.00091	U	0.00091	0.00026	mg/Kg	☼	09/27/25 08:41	09/30/25 10:26	1
Methyl acetate	0.0046	U	0.0046	0.0039	mg/Kg	☼	09/27/25 08:41	09/30/25 10:26	1
Methyl tert-butyl ether	0.00091	U	0.00091	0.00047	mg/Kg	☼	09/27/25 08:41	09/30/25 10:26	1
Methylcyclohexane	0.00091	U	0.00091	0.00046	mg/Kg	☼	09/27/25 08:41	09/30/25 10:26	1
Methylene Chloride	0.0018	U	0.0018	0.0010	mg/Kg	☼	09/27/25 08:41	09/30/25 10:26	1
m-Xylene & p-Xylene	0.00091	U	0.00091	0.00039	mg/Kg	☼	09/27/25 08:41	09/30/25 10:26	1
n-Butylbenzene	0.00091	U	0.00091	0.00027	mg/Kg	☼	09/27/25 08:41	09/30/25 10:26	1
N-Propylbenzene	0.00091	U	0.00091	0.00041	mg/Kg	☼	09/27/25 08:41	09/30/25 10:26	1
o-Xylene	0.00091	U	0.00091	0.00042	mg/Kg	☼	09/27/25 08:41	09/30/25 10:26	1
sec-Butylbenzene	0.00091	U	0.00091	0.00026	mg/Kg	☼	09/27/25 08:41	09/30/25 10:26	1
Styrene	0.00091	U	0.00091	0.00025	mg/Kg	☼	09/27/25 08:41	09/30/25 10:26	1

Client Sample ID: 53C3_2-3

Lab Sample ID: 460-335747-33
Date Collected: 09/25/25 10:55
Matrix: Solid
Date Received: 09/25/25 16:10
Percent Solids: 89.6

Method: SW846 8260D - Volatile Organic Compounds by GC/MS (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
tert-Butylbenzene	0.00091	U	0.00091	0.00025	mg/Kg	☼	09/27/25 08:41	09/30/25 10:26	1
Tetrachloroethene	0.00091	U	0.00091	0.00028	mg/Kg	☼	09/27/25 08:41	09/30/25 10:26	1
Toluene	0.00091	U	0.00091	0.00021	mg/Kg	☼	09/27/25 08:41	09/30/25 10:26	1
trans-1,2-Dichloroethene	0.00091	U	0.00091	0.00022	mg/Kg	☼	09/27/25 08:41	09/30/25 10:26	1
trans-1,3-Dichloropropene	0.00091	U	0.00091	0.00024	mg/Kg	☼	09/27/25 08:41	09/30/25 10:26	1
Trichloroethene	0.00091	U	0.00091	0.00029	mg/Kg	☼	09/27/25 08:41	09/30/25 10:26	1
Trichlorofluoromethane	0.00091	U	0.00091	0.00037	mg/Kg	☼	09/27/25 08:41	09/30/25 10:26	1
Vinyl chloride	0.00091	U	0.00091	0.00050	mg/Kg	☼	09/27/25 08:41	09/30/25 10:26	1
Xylenes, Total	0.0018	U	0.0018	0.00016	mg/Kg	☼	09/27/25 08:41	09/30/25 10:26	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,2-Dichloroethane-d4 (Surr)	*122*		*65 - 138*	*09/27/25 08:41*	*09/30/25 10:26*	*1*
4-Bromofluorobenzene	*107*		*71 - 128*	*09/27/25 08:41*	*09/30/25 10:26*	*1*
Dibromofluoromethane (Surr)	*119*		*50 - 150*	*09/27/25 08:41*	*09/30/25 10:26*	*1*
Toluene-d8 (Surr)	*109*		*71 - 126*	*09/27/25 08:41*	*09/30/25 10:26*	*1*

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Percent Moisture (EPA Moisture)	**10.4**		1.0	1.0	%			09/28/25 21:10	1
Percent Solids (EPA Moisture)	**89.6**		1.0	1.0	%			09/28/25 21:10	1

Client Sample ID: 53C2_5-6

Lab Sample ID: 460-335747-34
Date Collected: 09/25/25 11:00
Matrix: Solid
Date Received: 09/25/25 16:10
Percent Solids: 89.9

Method: SW846 8260D - Volatile Organic Compounds by GC/MS

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1-Trichloroethane	0.0013	U	0.0013	0.00030	mg/Kg	☼	09/27/25 08:41	09/30/25 12:25	1
1,1,2,2-Tetrachloroethane	0.0013	U	0.0013	0.00067	mg/Kg	☼	09/27/25 08:41	09/30/25 12:25	1
1,1,2-Trichloro-1,2,2-trifluoroethane	0.0013	U *	0.0013	0.00039	mg/Kg	☼	09/27/25 08:41	09/30/25 12:25	1
1,1,2-Trichloroethane	0.0013	U	0.0013	0.00077	mg/Kg	☼	09/27/25 08:41	09/30/25 12:25	1
1,1-Dichloroethane	0.0013	U	0.0013	0.00077	mg/Kg	☼	09/27/25 08:41	09/30/25 12:25	1
1,1-Dichloroethene	0.0013	U	0.0013	0.00029	mg/Kg	☼	09/27/25 08:41	09/30/25 12:25	1
1,2,3-Trichlorobenzene	0.0013	U	0.0013	0.00095	mg/Kg	☼	09/27/25 08:41	09/30/25 12:25	1
1,2,4-Trichlorobenzene	0.0013	U	0.0013	0.00046	mg/Kg	☼	09/27/25 08:41	09/30/25 12:25	1
1,2,4-Trimethylbenzene	0.0013	U	0.0013	0.00032	mg/Kg	☼	09/27/25 08:41	09/30/25 12:25	1
1,2-Dibromo-3-Chloropropane	0.0013	U	0.0013	0.00059	mg/Kg	☼	09/27/25 08:41	09/30/25 12:25	1
1,2-Dichlorobenzene	0.0013	U	0.0013	0.00046	mg/Kg	☼	09/27/25 08:41	09/30/25 12:25	1
1,2-Dichloroethane	0.0013	U *	0.0013	0.00038	mg/Kg	☼	09/27/25 08:41	09/30/25 12:25	1
1,2-Dichloropropane	0.0013	U	0.0013	0.00054	mg/Kg	☼	09/27/25 08:41	09/30/25 12:25	1
1,3,5-Trimethylbenzene	0.0013	U	0.0013	0.00040	mg/Kg	☼	09/27/25 08:41	09/30/25 12:25	1
1,3-Dichlorobenzene	0.0013	U	0.0013	0.00047	mg/Kg	☼	09/27/25 08:41	09/30/25 12:25	1
1,4-Dichlorobenzene	0.0013	U	0.0013	0.00067	mg/Kg	☼	09/27/25 08:41	09/30/25 12:25	1
2-Butanone (MEK)	0.0064	U	0.0064	0.00047	mg/Kg	☼	09/27/25 08:41	09/30/25 12:25	1
2-Hexanone	0.0064	U *	0.0064	0.0022	mg/Kg	☼	09/27/25 08:41	09/30/25 12:25	1
4-Methyl-2-pentanone (MIBK)	0.0064	U *	0.0064	0.0020	mg/Kg	☼	09/27/25 08:41	09/30/25 12:25	1
Acetone	0.0077	U	0.0077	0.0073	mg/Kg	☼	09/27/25 08:41	09/30/25 12:25	1
Benzene	0.0013	U	0.0013	0.00073	mg/Kg	☼	09/27/25 08:41	09/30/25 12:25	1
Bromoform	0.0013	U	0.0013	0.00054	mg/Kg	☼	09/27/25 08:41	09/30/25 12:25	1
Bromomethane	0.0026	U	0.0026	0.0013	mg/Kg	☼	09/27/25 08:41	09/30/25 12:25	1

Client Sample ID: 53C2_5-6
Date Collected: 09/25/25 11:00
Date Received: 09/25/25 16:10

Lab Sample ID: 460-335747-34
Matrix: Solid
Percent Solids: 89.9

Method: SW846 8260D - Volatile Organic Compounds by GC/MS (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Carbon disulfide	0.0013	U	0.0013	0.00034	mg/Kg	☼	09/27/25 08:41	09/30/25 12:25	1
Carbon tetrachloride	0.0013	U	0.0013	0.00050	mg/Kg	☼	09/27/25 08:41	09/30/25 12:25	1
Chlorobenzene	0.0013	U	0.0013	0.00065	mg/Kg	☼	09/27/25 08:41	09/30/25 12:25	1
Chlorobromomethane	0.0013	U	0.0013	0.00076	mg/Kg	☼	09/27/25 08:41	09/30/25 12:25	1
Chlorodibromomethane	0.0013	U	0.0013	0.00069	mg/Kg	☼	09/27/25 08:41	09/30/25 12:25	1
Chloroethane	0.0013	U	0.0013	0.00067	mg/Kg	☼	09/27/25 08:41	09/30/25 12:25	1
Chloroform	0.0013	U	0.0013	0.0012	mg/Kg	☼	09/27/25 08:41	09/30/25 12:25	1
Chloromethane	0.0013	U	0.0013	0.00056	mg/Kg	☼	09/27/25 08:41	09/30/25 12:25	1
cis-1,2-Dichloroethene	0.0013	U	0.0013	0.00046	mg/Kg	☼	09/27/25 08:41	09/30/25 12:25	1
cis-1,3-Dichloropropene	0.0013	U	0.0013	0.00035	mg/Kg	☼	09/27/25 08:41	09/30/25 12:25	1
Cyclohexane	0.0013	U	0.0013	0.00028	mg/Kg	☼	09/27/25 08:41	09/30/25 12:25	1
Dichlorobromomethane	0.0013	U	0.0013	0.00033	mg/Kg	☼	09/27/25 08:41	09/30/25 12:25	1
Dichlorodifluoromethane	0.0013	U	0.0013	0.00043	mg/Kg	☼	09/27/25 08:41	09/30/25 12:25	1
Ethylbenzene	0.0013	U	0.0013	0.00060	mg/Kg	☼	09/27/25 08:41	09/30/25 12:25	1
Ethylene Dibromide	0.0013	U	0.0013	0.00065	mg/Kg	☼	09/27/25 08:41	09/30/25 12:25	1
Isopropylbenzene	0.0013	U	0.0013	0.00037	mg/Kg	☼	09/27/25 08:41	09/30/25 12:25	1
Methyl acetate	0.0064	U	0.0064	0.0055	mg/Kg	☼	09/27/25 08:41	09/30/25 12:25	1
Methyl tert-butyl ether	0.0013	U	0.0013	0.00066	mg/Kg	☼	09/27/25 08:41	09/30/25 12:25	1
Methylcyclohexane	0.0013	U	0.0013	0.00064	mg/Kg	☼	09/27/25 08:41	09/30/25 12:25	1
Methylene Chloride	**0.0026**		0.0026	0.0015	mg/Kg	☼	09/27/25 08:41	09/30/25 12:25	1
m-Xylene & p-Xylene	0.0013	U	0.0013	0.00054	mg/Kg	☼	09/27/25 08:41	09/30/25 12:25	1
n-Butylbenzene	0.0013	U	0.0013	0.00038	mg/Kg	☼	09/27/25 08:41	09/30/25 12:25	1
N-Propylbenzene	0.0013	U	0.0013	0.00058	mg/Kg	☼	09/27/25 08:41	09/30/25 12:25	1
o-Xylene	0.0013	U	0.0013	0.00059	mg/Kg	☼	09/27/25 08:41	09/30/25 12:25	1
sec-Butylbenzene	0.0013	U	0.0013	0.00037	mg/Kg	☼	09/27/25 08:41	09/30/25 12:25	1
Styrene	0.0013	U	0.0013	0.00036	mg/Kg	☼	09/27/25 08:41	09/30/25 12:25	1
tert-Butylbenzene	0.0013	U	0.0013	0.00035	mg/Kg	☼	09/27/25 08:41	09/30/25 12:25	1
Tetrachloroethene	0.0013	U	0.0013	0.00039	mg/Kg	☼	09/27/25 08:41	09/30/25 12:25	1
Toluene	0.0013	U	0.0013	0.00030	mg/Kg	☼	09/27/25 08:41	09/30/25 12:25	1
trans-1,2-Dichloroethene	0.0013	U	0.0013	0.00032	mg/Kg	☼	09/27/25 08:41	09/30/25 12:25	1
trans-1,3-Dichloropropene	0.0013	U	0.0013	0.00034	mg/Kg	☼	09/27/25 08:41	09/30/25 12:25	1
Trichloroethene	0.0013	U	0.0013	0.00041	mg/Kg	☼	09/27/25 08:41	09/30/25 12:25	1
Trichlorofluoromethane	0.0013	U	0.0013	0.00052	mg/Kg	☼	09/27/25 08:41	09/30/25 12:25	1
Vinyl chloride	0.0013	U	0.0013	0.00070	mg/Kg	☼	09/27/25 08:41	09/30/25 12:25	1
Xylenes, Total	0.0026	U	0.0026	0.00022	mg/Kg	☼	09/27/25 08:41	09/30/25 12:25	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,2-Dichloroethane-d4 (Surr)	*122*		*65 - 138*	*09/27/25 08:41*	*09/30/25 12:25*	*1*
4-Bromofluorobenzene	*101*		*71 - 128*	*09/27/25 08:41*	*09/30/25 12:25*	*1*
Dibromofluoromethane (Surr)	*118*		*50 - 150*	*09/27/25 08:41*	*09/30/25 12:25*	*1*
Toluene-d8 (Surr)	*109*		*71 - 126*	*09/27/25 08:41*	*09/30/25 12:25*	*1*

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Percent Moisture (EPA Moisture)	**10.1**		1.0	1.0	%			09/28/25 21:10	1
Percent Solids (EPA Moisture)	**89.9**		1.0	1.0	%			09/28/25 21:10	1

Client: Haley & Aldrich, Inc.
Project/Site: Former Port Mobil

Job ID: 460-335747-1

Client Sample ID: 53C2_4-5
Date Collected: 09/25/25 11:05
Date Received: 09/25/25 16:10

Lab Sample ID: 460-335747-35
Matrix: Solid
Percent Solids: 90.5

Method: SW846 8260D - Volatile Organic Compounds by GC/MS

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1-Trichloroethane	0.0010	U	0.0010	0.00024	mg/Kg	☼	09/27/25 08:42	09/30/25 12:49	1
1,1,2,2-Tetrachloroethane	0.0010	U	0.0010	0.00054	mg/Kg	☼	09/27/25 08:42	09/30/25 12:49	1
1,1,2-Trichloro-1,2,2-trifluoroethane	0.0010	U *	0.0010	0.00031	mg/Kg	☼	09/27/25 08:42	09/30/25 12:49	1
1,1,2-Trichloroethane	0.0010	U	0.0010	0.00063	mg/Kg	☼	09/27/25 08:42	09/30/25 12:49	1
1,1-Dichloroethane	0.0010	U	0.0010	0.00062	mg/Kg	☼	09/27/25 08:42	09/30/25 12:49	1
1,1-Dichloroethene	0.0010	U	0.0010	0.00023	mg/Kg	☼	09/27/25 08:42	09/30/25 12:49	1
1,2,3-Trichlorobenzene	0.0010	U	0.0010	0.00077	mg/Kg	☼	09/27/25 08:42	09/30/25 12:49	1
1,2,4-Trichlorobenzene	0.0010	U	0.0010	0.00037	mg/Kg	☼	09/27/25 08:42	09/30/25 12:49	1
1,2,4-Trimethylbenzene	0.0010	U	0.0010	0.00026	mg/Kg	☼	09/27/25 08:42	09/30/25 12:49	1
1,2-Dibromo-3-Chloropropane	0.0010	U	0.0010	0.00048	mg/Kg	☼	09/27/25 08:42	09/30/25 12:49	1
1,2-Dichlorobenzene	0.0010	U	0.0010	0.00038	mg/Kg	☼	09/27/25 08:42	09/30/25 12:49	1
1,2-Dichloroethane	0.0010	U *	0.0010	0.00031	mg/Kg	☼	09/27/25 08:42	09/30/25 12:49	1
1,2-Dichloropropane	0.0010	U	0.0010	0.00044	mg/Kg	☼	09/27/25 08:42	09/30/25 12:49	1
1,3,5-Trimethylbenzene	0.0010	U	0.0010	0.00033	mg/Kg	☼	09/27/25 08:42	09/30/25 12:49	1
1,3-Dichlorobenzene	0.0010	U	0.0010	0.00038	mg/Kg	☼	09/27/25 08:42	09/30/25 12:49	1
1,4-Dichlorobenzene	0.0010	U	0.0010	0.00054	mg/Kg	☼	09/27/25 08:42	09/30/25 12:49	1
2-Butanone (MEK)	0.0052	U	0.0052	0.00038	mg/Kg	☼	09/27/25 08:42	09/30/25 12:49	1
2-Hexanone	0.0052	U *	0.0052	0.0018	mg/Kg	☼	09/27/25 08:42	09/30/25 12:49	1
4-Methyl-2-pentanone (MIBK)	0.0052	U *	0.0052	0.0016	mg/Kg	☼	09/27/25 08:42	09/30/25 12:49	1
Acetone	0.0063	U	0.0063	0.0060	mg/Kg	☼	09/27/25 08:42	09/30/25 12:49	1
Benzene	0.0010	U	0.0010	0.00059	mg/Kg	☼	09/27/25 08:42	09/30/25 12:49	1
Bromoform	0.0010	U	0.0010	0.00044	mg/Kg	☼	09/27/25 08:42	09/30/25 12:49	1
Bromomethane	0.0021	U	0.0021	0.0010	mg/Kg	☼	09/27/25 08:42	09/30/25 12:49	1
Carbon disulfide	0.0010	U	0.0010	0.00028	mg/Kg	☼	09/27/25 08:42	09/30/25 12:49	1
Carbon tetrachloride	0.0010	U	0.0010	0.00040	mg/Kg	☼	09/27/25 08:42	09/30/25 12:49	1
Chlorobenzene	0.0010	U	0.0010	0.00053	mg/Kg	☼	09/27/25 08:42	09/30/25 12:49	1
Chlorobromomethane	0.0010	U	0.0010	0.00062	mg/Kg	☼	09/27/25 08:42	09/30/25 12:49	1
Chlorodibromomethane	0.0010	U	0.0010	0.00056	mg/Kg	☼	09/27/25 08:42	09/30/25 12:49	1
Chloroethane	0.0010	U	0.0010	0.00054	mg/Kg	☼	09/27/25 08:42	09/30/25 12:49	1
Chloroform	0.0010	U	0.0010	0.0010	mg/Kg	☼	09/27/25 08:42	09/30/25 12:49	1
Chloromethane	0.0010	U	0.0010	0.00045	mg/Kg	☼	09/27/25 08:42	09/30/25 12:49	1
cis-1,2-Dichloroethene	0.0010	U	0.0010	0.00037	mg/Kg	☼	09/27/25 08:42	09/30/25 12:49	1
cis-1,3-Dichloropropene	0.0010	U	0.0010	0.00028	mg/Kg	☼	09/27/25 08:42	09/30/25 12:49	1
Cyclohexane	0.0010	U	0.0010	0.00023	mg/Kg	☼	09/27/25 08:42	09/30/25 12:49	1
Dichlorobromomethane	0.0010	U	0.0010	0.00027	mg/Kg	☼	09/27/25 08:42	09/30/25 12:49	1
Dichlorodifluoromethane	0.0010	U	0.0010	0.00035	mg/Kg	☼	09/27/25 08:42	09/30/25 12:49	1
Ethylbenzene	0.0010	U	0.0010	0.00049	mg/Kg	☼	09/27/25 08:42	09/30/25 12:49	1
Ethylene Dibromide	0.0010	U	0.0010	0.00053	mg/Kg	☼	09/27/25 08:42	09/30/25 12:49	1
Isopropylbenzene	0.0010	U	0.0010	0.00030	mg/Kg	☼	09/27/25 08:42	09/30/25 12:49	1
Methyl acetate	0.0052	U	0.0052	0.0045	mg/Kg	☼	09/27/25 08:42	09/30/25 12:49	1
Methyl tert-butyl ether	0.0010	U	0.0010	0.00053	mg/Kg	☼	09/27/25 08:42	09/30/25 12:49	1
Methylcyclohexane	0.0010	U	0.0010	0.00052	mg/Kg	☼	09/27/25 08:42	09/30/25 12:49	1
Methylene Chloride	**0.0028**		0.0021	0.0012	mg/Kg	☼	09/27/25 08:42	09/30/25 12:49	1
m-Xylene & p-Xylene	0.0010	U	0.0010	0.00044	mg/Kg	☼	09/27/25 08:42	09/30/25 12:49	1
n-Butylbenzene	0.0010	U	0.0010	0.00031	mg/Kg	☼	09/27/25 08:42	09/30/25 12:49	1
N-Propylbenzene	0.0010	U	0.0010	0.00047	mg/Kg	☼	09/27/25 08:42	09/30/25 12:49	1
o-Xylene	0.0010	U	0.0010	0.00048	mg/Kg	☼	09/27/25 08:42	09/30/25 12:49	1
sec-Butylbenzene	0.0010	U	0.0010	0.00030	mg/Kg	☼	09/27/25 08:42	09/30/25 12:49	1
Styrene	0.0010	U	0.0010	0.00029	mg/Kg	☼	09/27/25 08:42	09/30/25 12:49	1

Client Sample ID: 53C2_4-5

Lab Sample ID: 460-335747-35
Date Collected: 09/25/25 11:05
Matrix: Solid
Date Received: 09/25/25 16:10
Percent Solids: 90.5

Method: SW846 8260D - Volatile Organic Compounds by GC/MS (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
tert-Butylbenzene	0.0010	U	0.0010	0.00029	mg/Kg	☼	09/27/25 08:42	09/30/25 12:49	1
Tetrachloroethene	0.0010	U	0.0010	0.00032	mg/Kg	☼	09/27/25 08:42	09/30/25 12:49	1
Toluene	0.0010	U	0.0010	0.00024	mg/Kg	☼	09/27/25 08:42	09/30/25 12:49	1
trans-1,2-Dichloroethene	0.0010	U	0.0010	0.00026	mg/Kg	☼	09/27/25 08:42	09/30/25 12:49	1
trans-1,3-Dichloropropene	0.0010	U	0.0010	0.00028	mg/Kg	☼	09/27/25 08:42	09/30/25 12:49	1
Trichloroethene	0.0010	U	0.0010	0.00033	mg/Kg	☼	09/27/25 08:42	09/30/25 12:49	1
Trichlorofluoromethane	0.0010	U	0.0010	0.00042	mg/Kg	☼	09/27/25 08:42	09/30/25 12:49	1
Vinyl chloride	0.0010	U	0.0010	0.00057	mg/Kg	☼	09/27/25 08:42	09/30/25 12:49	1
Xylenes, Total	0.0021	U	0.0021	0.00018	mg/Kg	☼	09/27/25 08:42	09/30/25 12:49	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,2-Dichloroethane-d4 (Surr)	*127*		*65 - 138*	*09/27/25 08:42*	*09/30/25 12:49*	*1*
4-Bromofluorobenzene	*107*		*71 - 128*	*09/27/25 08:42*	*09/30/25 12:49*	*1*
Dibromofluoromethane (Surr)	*126*		*50 - 150*	*09/27/25 08:42*	*09/30/25 12:49*	*1*
Toluene-d8 (Surr)	*111*		*71 - 126*	*09/27/25 08:42*	*09/30/25 12:49*	*1*

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Percent Moisture (EPA Moisture)	**9.5**		1.0	1.0	%			09/28/25 21:10	1
Percent Solids (EPA Moisture)	**90.5**		1.0	1.0	%			09/28/25 21:10	1

Client Sample ID: 53C3_8-9

Lab Sample ID: 460-335747-36
Date Collected: 09/25/25 11:10
Matrix: Solid
Date Received: 09/25/25 16:10
Percent Solids: 90.9

Method: SW846 8260D - Volatile Organic Compounds by GC/MS

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1-Trichloroethane	0.0011	U	0.0011	0.00026	mg/Kg	☼	09/27/25 08:42	09/30/25 13:13	1
1,1,2,2-Tetrachloroethane	0.0011	U	0.0011	0.00059	mg/Kg	☼	09/27/25 08:42	09/30/25 13:13	1
1,1,2-Trichloro-1,2,2-trifluoroethane	0.0011	U *	0.0011	0.00034	mg/Kg	☼	09/27/25 08:42	09/30/25 13:13	1
1,1,2-Trichloroethane	0.0011	U	0.0011	0.00068	mg/Kg	☼	09/27/25 08:42	09/30/25 13:13	1
1,1-Dichloroethane	0.0011	U	0.0011	0.00068	mg/Kg	☼	09/27/25 08:42	09/30/25 13:13	1
1,1-Dichloroethene	0.0011	U	0.0011	0.00025	mg/Kg	☼	09/27/25 08:42	09/30/25 13:13	1
1,2,3-Trichlorobenzene	0.0011	U	0.0011	0.00084	mg/Kg	☼	09/27/25 08:42	09/30/25 13:13	1
1,2,4-Trichlorobenzene	0.0011	U	0.0011	0.00041	mg/Kg	☼	09/27/25 08:42	09/30/25 13:13	1
1,2,4-Trimethylbenzene	0.0011	U	0.0011	0.00028	mg/Kg	☼	09/27/25 08:42	09/30/25 13:13	1
1,2-Dibromo-3-Chloropropane	0.0011	U	0.0011	0.00052	mg/Kg	☼	09/27/25 08:42	09/30/25 13:13	1
1,2-Dichlorobenzene	0.0011	U	0.0011	0.00041	mg/Kg	☼	09/27/25 08:42	09/30/25 13:13	1
1,2-Dichloroethane	0.0011	U *	0.0011	0.00034	mg/Kg	☼	09/27/25 08:42	09/30/25 13:13	1
1,2-Dichloropropane	0.0011	U	0.0011	0.00048	mg/Kg	☼	09/27/25 08:42	09/30/25 13:13	1
1,3,5-Trimethylbenzene	0.0011	U	0.0011	0.00036	mg/Kg	☼	09/27/25 08:42	09/30/25 13:13	1
1,3-Dichlorobenzene	0.0011	U	0.0011	0.00041	mg/Kg	☼	09/27/25 08:42	09/30/25 13:13	1
1,4-Dichlorobenzene	0.0011	U	0.0011	0.00059	mg/Kg	☼	09/27/25 08:42	09/30/25 13:13	1
2-Butanone (MEK)	0.0057	U	0.0057	0.00042	mg/Kg	☼	09/27/25 08:42	09/30/25 13:13	1
2-Hexanone	0.0057	U *	0.0057	0.0019	mg/Kg	☼	09/27/25 08:42	09/30/25 13:13	1
4-Methyl-2-pentanone (MIBK)	0.0057	U *	0.0057	0.0018	mg/Kg	☼	09/27/25 08:42	09/30/25 13:13	1
Acetone	0.0068	U	0.0068	0.0065	mg/Kg	☼	09/27/25 08:42	09/30/25 13:13	1
Benzene	0.0011	U	0.0011	0.00064	mg/Kg	☼	09/27/25 08:42	09/30/25 13:13	1
Bromoform	0.0011	U	0.0011	0.00048	mg/Kg	☼	09/27/25 08:42	09/30/25 13:13	1
Bromomethane	0.0023	U	0.0023	0.0011	mg/Kg	☼	09/27/25 08:42	09/30/25 13:13	1

Client Sample ID: 53C3_8-9
Date Collected: 09/25/25 11:10
Date Received: 09/25/25 16:10

Lab Sample ID: 460-335747-36
Matrix: Solid
Percent Solids: 90.9

Method: SW846 8260D - Volatile Organic Compounds by GC/MS (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Carbon disulfide	0.0011	U	0.0011	0.00030	mg/Kg	☼	09/27/25 08:42	09/30/25 13:13	1
Carbon tetrachloride	0.0011	U	0.0011	0.00044	mg/Kg	☼	09/27/25 08:42	09/30/25 13:13	1
Chlorobenzene	0.0011	U	0.0011	0.00057	mg/Kg	☼	09/27/25 08:42	09/30/25 13:13	1
Chlorobromomethane	0.0011	U	0.0011	0.00068	mg/Kg	☼	09/27/25 08:42	09/30/25 13:13	1
Chlorodibromomethane	0.0011	U	0.0011	0.00061	mg/Kg	☼	09/27/25 08:42	09/30/25 13:13	1
Chloroethane	0.0011	U	0.0011	0.00059	mg/Kg	☼	09/27/25 08:42	09/30/25 13:13	1
Chloroform	0.0011	U	0.0011	0.0011	mg/Kg	☼	09/27/25 08:42	09/30/25 13:13	1
Chloromethane	0.0011	U	0.0011	0.00049	mg/Kg	☼	09/27/25 08:42	09/30/25 13:13	1
cis-1,2-Dichloroethene	0.0011	U	0.0011	0.00041	mg/Kg	☼	09/27/25 08:42	09/30/25 13:13	1
cis-1,3-Dichloropropene	0.0011	U	0.0011	0.00031	mg/Kg	☼	09/27/25 08:42	09/30/25 13:13	1
Cyclohexane	0.0011	U	0.0011	0.00025	mg/Kg	☼	09/27/25 08:42	09/30/25 13:13	1
Dichlorobromomethane	0.0011	U	0.0011	0.00029	mg/Kg	☼	09/27/25 08:42	09/30/25 13:13	1
Dichlorodifluoromethane	0.0011	U	0.0011	0.00038	mg/Kg	☼	09/27/25 08:42	09/30/25 13:13	1
Ethylbenzene	0.0011	U	0.0011	0.00053	mg/Kg	☼	09/27/25 08:42	09/30/25 13:13	1
Ethylene Dibromide	0.0011	U	0.0011	0.00057	mg/Kg	☼	09/27/25 08:42	09/30/25 13:13	1
Isopropylbenzene	0.0011	U	0.0011	0.00032	mg/Kg	☼	09/27/25 08:42	09/30/25 13:13	1
Methyl acetate	0.0057	U	0.0057	0.0049	mg/Kg	☼	09/27/25 08:42	09/30/25 13:13	1
Methyl tert-butyl ether	0.0011	U	0.0011	0.00058	mg/Kg	☼	09/27/25 08:42	09/30/25 13:13	1
Methylcyclohexane	0.0011	U	0.0011	0.00057	mg/Kg	☼	09/27/25 08:42	09/30/25 13:13	1
Methylene Chloride	**0.0038**		0.0023	0.0013	mg/Kg	☼	09/27/25 08:42	09/30/25 13:13	1
m-Xylene & p-Xylene	0.0011	U	0.0011	0.00048	mg/Kg	☼	09/27/25 08:42	09/30/25 13:13	1
n-Butylbenzene	0.0011	U	0.0011	0.00033	mg/Kg	☼	09/27/25 08:42	09/30/25 13:13	1
N-Propylbenzene	0.0011	U	0.0011	0.00051	mg/Kg	☼	09/27/25 08:42	09/30/25 13:13	1
o-Xylene	0.0011	U	0.0011	0.00052	mg/Kg	☼	09/27/25 08:42	09/30/25 13:13	1
sec-Butylbenzene	0.0011	U	0.0011	0.00033	mg/Kg	☼	09/27/25 08:42	09/30/25 13:13	1
Styrene	0.0011	U	0.0011	0.00031	mg/Kg	☼	09/27/25 08:42	09/30/25 13:13	1
tert-Butylbenzene	0.0011	U	0.0011	0.00031	mg/Kg	☼	09/27/25 08:42	09/30/25 13:13	1
Tetrachloroethene	0.0011	U	0.0011	0.00035	mg/Kg	☼	09/27/25 08:42	09/30/25 13:13	1
Toluene	0.0011	U	0.0011	0.00027	mg/Kg	☼	09/27/25 08:42	09/30/25 13:13	1
trans-1,2-Dichloroethene	0.0011	U	0.0011	0.00028	mg/Kg	☼	09/27/25 08:42	09/30/25 13:13	1
trans-1,3-Dichloropropene	0.0011	U	0.0011	0.00030	mg/Kg	☼	09/27/25 08:42	09/30/25 13:13	1
Trichloroethene	0.0011	U	0.0011	0.00036	mg/Kg	☼	09/27/25 08:42	09/30/25 13:13	1
Trichlorofluoromethane	0.0011	U	0.0011	0.00046	mg/Kg	☼	09/27/25 08:42	09/30/25 13:13	1
Vinyl chloride	0.0011	U	0.0011	0.00062	mg/Kg	☼	09/27/25 08:42	09/30/25 13:13	1
Xylenes, Total	0.0023	U	0.0023	0.00020	mg/Kg	☼	09/27/25 08:42	09/30/25 13:13	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,2-Dichloroethane-d4 (Surr)	*121*		*65 - 138*	*09/27/25 08:42*	*09/30/25 13:13*	*1*
4-Bromofluorobenzene	*105*		*71 - 128*	*09/27/25 08:42*	*09/30/25 13:13*	*1*
Dibromofluoromethane (Surr)	*121*		*50 - 150*	*09/27/25 08:42*	*09/30/25 13:13*	*1*
Toluene-d8 (Surr)	*110*		*71 - 126*	*09/27/25 08:42*	*09/30/25 13:13*	*1*

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Percent Moisture (EPA Moisture)	**9.1**		1.0	1.0	%			09/28/25 21:10	1
Percent Solids (EPA Moisture)	**90.9**		1.0	1.0	%			09/28/25 21:10	1

Client: Haley & Aldrich, Inc.
Project/Site: Former Port Mobil

Job ID: 460-335747-1

Client Sample ID: 53C1_7-8
Date Collected: 09/25/25 11:15
Date Received: 09/25/25 16:10

Lab Sample ID: 460-335747-37
Matrix: Solid
Percent Solids: 90.5

Method: SW846 8260D - Volatile Organic Compounds by GC/MS

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1-Trichloroethane	0.0010	U	0.0010	0.00024	mg/Kg	☼	09/27/25 08:42	09/30/25 15:12	1
1,1,2,2-Tetrachloroethane	0.0010	U	0.0010	0.00055	mg/Kg	☼	09/27/25 08:42	09/30/25 15:12	1
1,1,2-Trichloro-1,2,2-trifluoroethane	0.0010	U *	0.0010	0.00031	mg/Kg	☼	09/27/25 08:42	09/30/25 15:12	1
1,1,2-Trichloroethane	0.0010	U	0.0010	0.00063	mg/Kg	☼	09/27/25 08:42	09/30/25 15:12	1
1,1-Dichloroethane	0.0010	U	0.0010	0.00062	mg/Kg	☼	09/27/25 08:42	09/30/25 15:12	1
1,1-Dichloroethene	0.0010	U	0.0010	0.00024	mg/Kg	☼	09/27/25 08:42	09/30/25 15:12	1
1,2,3-Trichlorobenzene	0.0010	U	0.0010	0.00077	mg/Kg	☼	09/27/25 08:42	09/30/25 15:12	1
1,2,4-Trichlorobenzene	0.0010	U	0.0010	0.00037	mg/Kg	☼	09/27/25 08:42	09/30/25 15:12	1
1,2,4-Trimethylbenzene	0.0010	U	0.0010	0.00026	mg/Kg	☼	09/27/25 08:42	09/30/25 15:12	1
1,2-Dibromo-3-Chloropropane	0.0010	U	0.0010	0.00048	mg/Kg	☼	09/27/25 08:42	09/30/25 15:12	1
1,2-Dichlorobenzene	0.0010	U	0.0010	0.00038	mg/Kg	☼	09/27/25 08:42	09/30/25 15:12	1
1,2-Dichloroethane	0.0010	U *	0.0010	0.00031	mg/Kg	☼	09/27/25 08:42	09/30/25 15:12	1
1,2-Dichloropropane	0.0010	U	0.0010	0.00044	mg/Kg	☼	09/27/25 08:42	09/30/25 15:12	1
1,3,5-Trimethylbenzene	0.0010	U	0.0010	0.00033	mg/Kg	☼	09/27/25 08:42	09/30/25 15:12	1
1,3-Dichlorobenzene	0.0010	U	0.0010	0.00038	mg/Kg	☼	09/27/25 08:42	09/30/25 15:12	1
1,4-Dichlorobenzene	0.0010	U	0.0010	0.00054	mg/Kg	☼	09/27/25 08:42	09/30/25 15:12	1
2-Butanone (MEK)	0.0052	U	0.0052	0.00038	mg/Kg	☼	09/27/25 08:42	09/30/25 15:12	1
2-Hexanone	0.0052	U *	0.0052	0.0018	mg/Kg	☼	09/27/25 08:42	09/30/25 15:12	1
4-Methyl-2-pentanone (MIBK)	0.0052	U *	0.0052	0.0016	mg/Kg	☼	09/27/25 08:42	09/30/25 15:12	1
Acetone	0.0063	U	0.0063	0.0060	mg/Kg	☼	09/27/25 08:42	09/30/25 15:12	1
Benzene	0.0010	U	0.0010	0.00059	mg/Kg	☼	09/27/25 08:42	09/30/25 15:12	1
Bromoform	0.0010	U	0.0010	0.00044	mg/Kg	☼	09/27/25 08:42	09/30/25 15:12	1
Bromomethane	0.0021	U	0.0021	0.0010	mg/Kg	☼	09/27/25 08:42	09/30/25 15:12	1
Carbon disulfide	0.0010	U	0.0010	0.00028	mg/Kg	☼	09/27/25 08:42	09/30/25 15:12	1
Carbon tetrachloride	0.0010	U	0.0010	0.00040	mg/Kg	☼	09/27/25 08:42	09/30/25 15:12	1
Chlorobenzene	0.0010	U	0.0010	0.00053	mg/Kg	☼	09/27/25 08:42	09/30/25 15:12	1
Chlorobromomethane	0.0010	U	0.0010	0.00062	mg/Kg	☼	09/27/25 08:42	09/30/25 15:12	1
Chlorodibromomethane	0.0010	U	0.0010	0.00056	mg/Kg	☼	09/27/25 08:42	09/30/25 15:12	1
Chloroethane	0.0010	U	0.0010	0.00055	mg/Kg	☼	09/27/25 08:42	09/30/25 15:12	1
Chloroform	0.0010	U	0.0010	0.0010	mg/Kg	☼	09/27/25 08:42	09/30/25 15:12	1
Chloromethane	0.0010	U	0.0010	0.00045	mg/Kg	☼	09/27/25 08:42	09/30/25 15:12	1
cis-1,2-Dichloroethene	0.0010	U	0.0010	0.00037	mg/Kg	☼	09/27/25 08:42	09/30/25 15:12	1
cis-1,3-Dichloropropene	0.0010	U	0.0010	0.00029	mg/Kg	☼	09/27/25 08:42	09/30/25 15:12	1
Cyclohexane	0.0010	U	0.0010	0.00023	mg/Kg	☼	09/27/25 08:42	09/30/25 15:12	1
Dichlorobromomethane	0.0010	U	0.0010	0.00027	mg/Kg	☼	09/27/25 08:42	09/30/25 15:12	1
Dichlorodifluoromethane	0.0010	U	0.0010	0.00035	mg/Kg	☼	09/27/25 08:42	09/30/25 15:12	1
Ethylbenzene	0.0010	U	0.0010	0.00049	mg/Kg	☼	09/27/25 08:42	09/30/25 15:12	1
Ethylene Dibromide	0.0010	U	0.0010	0.00053	mg/Kg	☼	09/27/25 08:42	09/30/25 15:12	1
Isopropylbenzene	0.0010	U	0.0010	0.00030	mg/Kg	☼	09/27/25 08:42	09/30/25 15:12	1
Methyl acetate	0.0052	U	0.0052	0.0045	mg/Kg	☼	09/27/25 08:42	09/30/25 15:12	1
Methyl tert-butyl ether	0.0010	U	0.0010	0.00054	mg/Kg	☼	09/27/25 08:42	09/30/25 15:12	1
Methylcyclohexane	0.0010	U	0.0010	0.00052	mg/Kg	☼	09/27/25 08:42	09/30/25 15:12	1
Methylene Chloride	**0.0036**		0.0021	0.0012	mg/Kg	☼	09/27/25 08:42	09/30/25 15:12	1
m-Xylene & p-Xylene	0.0010	U	0.0010	0.00044	mg/Kg	☼	09/27/25 08:42	09/30/25 15:12	1
n-Butylbenzene	0.0010	U	0.0010	0.00031	mg/Kg	☼	09/27/25 08:42	09/30/25 15:12	1
N-Propylbenzene	0.0010	U	0.0010	0.00047	mg/Kg	☼	09/27/25 08:42	09/30/25 15:12	1
o-Xylene	0.0010	U	0.0010	0.00048	mg/Kg	☼	09/27/25 08:42	09/30/25 15:12	1
sec-Butylbenzene	0.0010	U	0.0010	0.00030	mg/Kg	☼	09/27/25 08:42	09/30/25 15:12	1
Styrene	0.0010	U	0.0010	0.00029	mg/Kg	☼	09/27/25 08:42	09/30/25 15:12	1

Client Sample ID: 53C1_7-8

Lab Sample ID: 460-335747-37
Date Collected: 09/25/25 11:15
Matrix: Solid
Date Received: 09/25/25 16:10
Percent Solids: 90.5

Method: SW846 8260D - Volatile Organic Compounds by GC/MS (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
tert-Butylbenzene	0.0010	U	0.0010	0.00029	mg/Kg	☼	09/27/25 08:42	09/30/25 15:12	1
Tetrachloroethene	0.0010	U	0.0010	0.00032	mg/Kg	☼	09/27/25 08:42	09/30/25 15:12	1
Toluene	0.0010	U	0.0010	0.00024	mg/Kg	☼	09/27/25 08:42	09/30/25 15:12	1
trans-1,2-Dichloroethene	0.0010	U	0.0010	0.00026	mg/Kg	☼	09/27/25 08:42	09/30/25 15:12	1
trans-1,3-Dichloropropene	0.0010	U	0.0010	0.00028	mg/Kg	☼	09/27/25 08:42	09/30/25 15:12	1
Trichloroethene	0.0010	U	0.0010	0.00034	mg/Kg	☼	09/27/25 08:42	09/30/25 15:12	1
Trichlorofluoromethane	0.0010	U	0.0010	0.00042	mg/Kg	☼	09/27/25 08:42	09/30/25 15:12	1
Vinyl chloride	0.0010	U	0.0010	0.00057	mg/Kg	☼	09/27/25 08:42	09/30/25 15:12	1
Xylenes, Total	0.0021	U	0.0021	0.00018	mg/Kg	☼	09/27/25 08:42	09/30/25 15:12	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,2-Dichloroethane-d4 (Surr)	*122*		*65 - 138*	*09/27/25 08:42*	*09/30/25 15:12*	*1*
4-Bromofluorobenzene	*104*		*71 - 128*	*09/27/25 08:42*	*09/30/25 15:12*	*1*
Dibromofluoromethane (Surr)	*117*		*50 - 150*	*09/27/25 08:42*	*09/30/25 15:12*	*1*
Toluene-d8 (Surr)	*109*		*71 - 126*	*09/27/25 08:42*	*09/30/25 15:12*	*1*

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Percent Moisture (EPA Moisture)	**9.5**		1.0	1.0	%			09/28/25 21:10	1
Percent Solids (EPA Moisture)	**90.5**		1.0	1.0	%			09/28/25 21:10	1

Client Sample ID: 54D3_1-2

Lab Sample ID: 460-335747-38
Date Collected: 09/25/25 12:20
Matrix: Solid
Date Received: 09/25/25 16:10
Percent Solids: 88.8

Method: SW846 8260D - Volatile Organic Compounds by GC/MS

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1-Trichloroethane	0.0011	U	0.0011	0.00025	mg/Kg	☼	09/27/25 08:43	09/30/25 15:36	1
1,1,2,2-Tetrachloroethane	0.0011	U	0.0011	0.00056	mg/Kg	☼	09/27/25 08:43	09/30/25 15:36	1
1,1,2-Trichloro-1,2,2-trifluoroethane	0.0011	U *	0.0011	0.00032	mg/Kg	☼	09/27/25 08:43	09/30/25 15:36	1
1,1,2-Trichloroethane	0.0011	U	0.0011	0.00064	mg/Kg	☼	09/27/25 08:43	09/30/25 15:36	1
1,1-Dichloroethane	0.0011	U	0.0011	0.00064	mg/Kg	☼	09/27/25 08:43	09/30/25 15:36	1
1,1-Dichloroethene	0.0011	U	0.0011	0.00024	mg/Kg	☼	09/27/25 08:43	09/30/25 15:36	1
1,2,3-Trichlorobenzene	0.0011	U	0.0011	0.00079	mg/Kg	☼	09/27/25 08:43	09/30/25 15:36	1
1,2,4-Trichlorobenzene	0.0011	U	0.0011	0.00038	mg/Kg	☼	09/27/25 08:43	09/30/25 15:36	1
1,2,4-Trimethylbenzene	0.0011	U	0.0011	0.00026	mg/Kg	☼	09/27/25 08:43	09/30/25 15:36	1
1,2-Dibromo-3-Chloropropane	0.0011	U	0.0011	0.00049	mg/Kg	☼	09/27/25 08:43	09/30/25 15:36	1
1,2-Dichlorobenzene	0.0011	U	0.0011	0.00038	mg/Kg	☼	09/27/25 08:43	09/30/25 15:36	1
1,2-Dichloroethane	0.0011	U *	0.0011	0.00032	mg/Kg	☼	09/27/25 08:43	09/30/25 15:36	1
1,2-Dichloropropane	0.0011	U	0.0011	0.00045	mg/Kg	☼	09/27/25 08:43	09/30/25 15:36	1
1,3,5-Trimethylbenzene	0.0011	U	0.0011	0.00033	mg/Kg	☼	09/27/25 08:43	09/30/25 15:36	1
1,3-Dichlorobenzene	0.0011	U	0.0011	0.00039	mg/Kg	☼	09/27/25 08:43	09/30/25 15:36	1
1,4-Dichlorobenzene	0.0011	U	0.0011	0.00055	mg/Kg	☼	09/27/25 08:43	09/30/25 15:36	1
2-Butanone (MEK)	0.0053	U	0.0053	0.00039	mg/Kg	☼	09/27/25 08:43	09/30/25 15:36	1
2-Hexanone	0.0053	U *	0.0053	0.0018	mg/Kg	☼	09/27/25 08:43	09/30/25 15:36	1
4-Methyl-2-pentanone (MIBK)	0.0053	U *	0.0053	0.0017	mg/Kg	☼	09/27/25 08:43	09/30/25 15:36	1
Acetone	0.0064	U	0.0064	0.0061	mg/Kg	☼	09/27/25 08:43	09/30/25 15:36	1
Benzene	0.0011	U	0.0011	0.00060	mg/Kg	☼	09/27/25 08:43	09/30/25 15:36	1
Bromoform	0.0011	U	0.0011	0.00045	mg/Kg	☼	09/27/25 08:43	09/30/25 15:36	1
Bromomethane	0.0021	U	0.0021	0.0011	mg/Kg	☼	09/27/25 08:43	09/30/25 15:36	1

Client Sample ID: 54D3_1-2
Date Collected: 09/25/25 12:20
Date Received: 09/25/25 16:10

Lab Sample ID: 460-335747-38
Matrix: Solid
Percent Solids: 88.8

Method: SW846 8260D - Volatile Organic Compounds by GC/MS (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Carbon disulfide	0.0011	U	0.0011	0.00028	mg/Kg	☼	09/27/25 08:43	09/30/25 15:36	1
Carbon tetrachloride	0.0011	U	0.0011	0.00041	mg/Kg	☼	09/27/25 08:43	09/30/25 15:36	1
Chlorobenzene	0.0011	U	0.0011	0.00054	mg/Kg	☼	09/27/25 08:43	09/30/25 15:36	1
Chlorobromomethane	0.0011	U	0.0011	0.00064	mg/Kg	☼	09/27/25 08:43	09/30/25 15:36	1
Chlorodibromomethane	0.0011	U	0.0011	0.00057	mg/Kg	☼	09/27/25 08:43	09/30/25 15:36	1
Chloroethane	0.0011	U	0.0011	0.00056	mg/Kg	☼	09/27/25 08:43	09/30/25 15:36	1
Chloroform	0.0011	U	0.0011	0.0010	mg/Kg	☼	09/27/25 08:43	09/30/25 15:36	1
Chloromethane	0.0011	U	0.0011	0.00046	mg/Kg	☼	09/27/25 08:43	09/30/25 15:36	1
cis-1,2-Dichloroethene	0.0011	U	0.0011	0.00038	mg/Kg	☼	09/27/25 08:43	09/30/25 15:36	1
cis-1,3-Dichloropropene	0.0011	U	0.0011	0.00029	mg/Kg	☼	09/27/25 08:43	09/30/25 15:36	1
Cyclohexane	0.0011	U	0.0011	0.00024	mg/Kg	☼	09/27/25 08:43	09/30/25 15:36	1
Dichlorobromomethane	0.0011	U	0.0011	0.00027	mg/Kg	☼	09/27/25 08:43	09/30/25 15:36	1
Dichlorodifluoromethane	0.0011	U	0.0011	0.00036	mg/Kg	☼	09/27/25 08:43	09/30/25 15:36	1
Ethylbenzene	0.0011	U	0.0011	0.00050	mg/Kg	☼	09/27/25 08:43	09/30/25 15:36	1
Ethylene Dibromide	0.0011	U	0.0011	0.00054	mg/Kg	☼	09/27/25 08:43	09/30/25 15:36	1
Isopropylbenzene	0.0011	U	0.0011	0.00030	mg/Kg	☼	09/27/25 08:43	09/30/25 15:36	1
Methyl acetate	0.0053	U	0.0053	0.0046	mg/Kg	☼	09/27/25 08:43	09/30/25 15:36	1
Methyl tert-butyl ether	0.0011	U	0.0011	0.00055	mg/Kg	☼	09/27/25 08:43	09/30/25 15:36	1
Methylcyclohexane	0.0011	U	0.0011	0.00053	mg/Kg	☼	09/27/25 08:43	09/30/25 15:36	1
Methylene Chloride	**0.0032**		0.0021	0.0012	mg/Kg	☼	09/27/25 08:43	09/30/25 15:36	1
m-Xylene & p-Xylene	0.0011	U	0.0011	0.00045	mg/Kg	☼	09/27/25 08:43	09/30/25 15:36	1
n-Butylbenzene	0.0011	U	0.0011	0.00031	mg/Kg	☼	09/27/25 08:43	09/30/25 15:36	1
N-Propylbenzene	0.0011	U	0.0011	0.00048	mg/Kg	☼	09/27/25 08:43	09/30/25 15:36	1
o-Xylene	0.0011	U	0.0011	0.00049	mg/Kg	☼	09/27/25 08:43	09/30/25 15:36	1
sec-Butylbenzene	0.0011	U	0.0011	0.00031	mg/Kg	☼	09/27/25 08:43	09/30/25 15:36	1
Styrene	0.0011	U	0.0011	0.00030	mg/Kg	☼	09/27/25 08:43	09/30/25 15:36	1
tert-Butylbenzene	0.0011	U	0.0011	0.00029	mg/Kg	☼	09/27/25 08:43	09/30/25 15:36	1
Tetrachloroethene	0.0011	U	0.0011	0.00032	mg/Kg	☼	09/27/25 08:43	09/30/25 15:36	1
Toluene	0.0011	U	0.0011	0.00025	mg/Kg	☼	09/27/25 08:43	09/30/25 15:36	1
trans-1,2-Dichloroethene	0.0011	U	0.0011	0.00026	mg/Kg	☼	09/27/25 08:43	09/30/25 15:36	1
trans-1,3-Dichloropropene	0.0011	U	0.0011	0.00028	mg/Kg	☼	09/27/25 08:43	09/30/25 15:36	1
Trichloroethene	0.0011	U	0.0011	0.00034	mg/Kg	☼	09/27/25 08:43	09/30/25 15:36	1
Trichlorofluoromethane	0.0011	U	0.0011	0.00043	mg/Kg	☼	09/27/25 08:43	09/30/25 15:36	1
Vinyl chloride	0.0011	U	0.0011	0.00058	mg/Kg	☼	09/27/25 08:43	09/30/25 15:36	1
Xylenes, Total	0.0021	U	0.0021	0.00019	mg/Kg	☼	09/27/25 08:43	09/30/25 15:36	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,2-Dichloroethane-d4 (Surr)	*129*		*65 - 138*	*09/27/25 08:43*	*09/30/25 15:36*	*1*
4-Bromofluorobenzene	*107*		*71 - 128*	*09/27/25 08:43*	*09/30/25 15:36*	*1*
Dibromofluoromethane (Surr)	*125*		*50 - 150*	*09/27/25 08:43*	*09/30/25 15:36*	*1*
Toluene-d8 (Surr)	*111*		*71 - 126*	*09/27/25 08:43*	*09/30/25 15:36*	*1*

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Percent Moisture (EPA Moisture)	**11.2**		1.0	1.0	%			09/28/25 21:10	1
Percent Solids (EPA Moisture)	**88.8**		1.0	1.0	%			09/28/25 21:10	1

Client: Haley & Aldrich, Inc.
Project/Site: Former Port Mobil

Job ID: 460-335747-1

Client Sample ID: 54D3_2-3
Date Collected: 09/25/25 12:25
Date Received: 09/25/25 16:10

Lab Sample ID: 460-335747-39
Matrix: Solid
Percent Solids: 88.6

Method: SW846 8260D - Volatile Organic Compounds by GC/MS

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1-Trichloroethane	0.00095	U	0.00095	0.00022	mg/Kg	☼	09/27/25 08:43	09/30/25 16:00	1
1,1,2,2-Tetrachloroethane	0.00095	U	0.00095	0.00049	mg/Kg	☼	09/27/25 08:43	09/30/25 16:00	1
1,1,2-Trichloro-1,2,2-trifluoroethane	0.00095	U *	0.00095	0.00028	mg/Kg	☼	09/27/25 08:43	09/30/25 16:00	1
1,1,2-Trichloroethane	0.00095	U	0.00095	0.00057	mg/Kg	☼	09/27/25 08:43	09/30/25 16:00	1
1,1-Dichloroethane	0.00095	U	0.00095	0.00056	mg/Kg	☼	09/27/25 08:43	09/30/25 16:00	1
1,1-Dichloroethene	0.00095	U	0.00095	0.00021	mg/Kg	☼	09/27/25 08:43	09/30/25 16:00	1
1,2,3-Trichlorobenzene	0.00095	U	0.00095	0.00070	mg/Kg	☼	09/27/25 08:43	09/30/25 16:00	1
1,2,4-Trichlorobenzene	0.00095	U	0.00095	0.00034	mg/Kg	☼	09/27/25 08:43	09/30/25 16:00	1
1,2,4-Trimethylbenzene	0.00095	U	0.00095	0.00023	mg/Kg	☼	09/27/25 08:43	09/30/25 16:00	1
1,2-Dibromo-3-Chloropropane	0.00095	U	0.00095	0.00044	mg/Kg	☼	09/27/25 08:43	09/30/25 16:00	1
1,2-Dichlorobenzene	0.00095	U	0.00095	0.00034	mg/Kg	☼	09/27/25 08:43	09/30/25 16:00	1
1,2-Dichloroethane	0.00095	U *	0.00095	0.00028	mg/Kg	☼	09/27/25 08:43	09/30/25 16:00	1
1,2-Dichloropropane	0.00095	U	0.00095	0.00040	mg/Kg	☼	09/27/25 08:43	09/30/25 16:00	1
1,3,5-Trimethylbenzene	0.00095	U	0.00095	0.00030	mg/Kg	☼	09/27/25 08:43	09/30/25 16:00	1
1,3-Dichlorobenzene	0.00095	U	0.00095	0.00035	mg/Kg	☼	09/27/25 08:43	09/30/25 16:00	1
1,4-Dichlorobenzene	0.00095	U	0.00095	0.00049	mg/Kg	☼	09/27/25 08:43	09/30/25 16:00	1
2-Butanone (MEK)	0.0047	U	0.0047	0.00035	mg/Kg	☼	09/27/25 08:43	09/30/25 16:00	1
2-Hexanone	0.0047	U *	0.0047	0.0016	mg/Kg	☼	09/27/25 08:43	09/30/25 16:00	1
4-Methyl-2-pentanone (MIBK)	0.0047	U *	0.0047	0.0015	mg/Kg	☼	09/27/25 08:43	09/30/25 16:00	1
Acetone	**0.0079**		0.0057	0.0054	mg/Kg	☼	09/27/25 08:43	09/30/25 16:00	1
Benzene	0.00095	U	0.00095	0.00054	mg/Kg	☼	09/27/25 08:43	09/30/25 16:00	1
Bromoform	0.00095	U	0.00095	0.00040	mg/Kg	☼	09/27/25 08:43	09/30/25 16:00	1
Bromomethane	0.0019	U	0.0019	0.00095	mg/Kg	☼	09/27/25 08:43	09/30/25 16:00	1
Carbon disulfide	0.00095	U	0.00095	0.00025	mg/Kg	☼	09/27/25 08:43	09/30/25 16:00	1
Carbon tetrachloride	0.00095	U	0.00095	0.00037	mg/Kg	☼	09/27/25 08:43	09/30/25 16:00	1
Chlorobenzene	0.00095	U	0.00095	0.00048	mg/Kg	☼	09/27/25 08:43	09/30/25 16:00	1
Chlorobromomethane	0.00095	U	0.00095	0.00056	mg/Kg	☼	09/27/25 08:43	09/30/25 16:00	1
Chlorodibromomethane	0.00095	U	0.00095	0.00051	mg/Kg	☼	09/27/25 08:43	09/30/25 16:00	1
Chloroethane	0.00095	U	0.00095	0.00049	mg/Kg	☼	09/27/25 08:43	09/30/25 16:00	1
Chloroform	0.00095	U	0.00095	0.00092	mg/Kg	☼	09/27/25 08:43	09/30/25 16:00	1
Chloromethane	0.00095	U	0.00095	0.00041	mg/Kg	☼	09/27/25 08:43	09/30/25 16:00	1
cis-1,2-Dichloroethene	0.00095	U	0.00095	0.00034	mg/Kg	☼	09/27/25 08:43	09/30/25 16:00	1
cis-1,3-Dichloropropene	0.00095	U	0.00095	0.00026	mg/Kg	☼	09/27/25 08:43	09/30/25 16:00	1
Cyclohexane	0.00095	U	0.00095	0.00021	mg/Kg	☼	09/27/25 08:43	09/30/25 16:00	1
Dichlorobromomethane	0.00095	U	0.00095	0.00024	mg/Kg	☼	09/27/25 08:43	09/30/25 16:00	1
Dichlorodifluoromethane	0.00095	U	0.00095	0.00032	mg/Kg	☼	09/27/25 08:43	09/30/25 16:00	1
Ethylbenzene	0.00095	U	0.00095	0.00044	mg/Kg	☼	09/27/25 08:43	09/30/25 16:00	1
Ethylene Dibromide	0.00095	U	0.00095	0.00048	mg/Kg	☼	09/27/25 08:43	09/30/25 16:00	1
Isopropylbenzene	0.00095	U	0.00095	0.00027	mg/Kg	☼	09/27/25 08:43	09/30/25 16:00	1
Methyl acetate	0.0047	U	0.0047	0.0041	mg/Kg	☼	09/27/25 08:43	09/30/25 16:00	1
Methyl tert-butyl ether	0.00095	U	0.00095	0.00048	mg/Kg	☼	09/27/25 08:43	09/30/25 16:00	1
Methylcyclohexane	0.00095	U	0.00095	0.00047	mg/Kg	☼	09/27/25 08:43	09/30/25 16:00	1
Methylene Chloride	**0.0035**		0.0019	0.0011	mg/Kg	☼	09/27/25 08:43	09/30/25 16:00	1
m-Xylene & p-Xylene	0.00095	U	0.00095	0.00040	mg/Kg	☼	09/27/25 08:43	09/30/25 16:00	1
n-Butylbenzene	0.00095	U	0.00095	0.00028	mg/Kg	☼	09/27/25 08:43	09/30/25 16:00	1
N-Propylbenzene	0.00095	U	0.00095	0.00042	mg/Kg	☼	09/27/25 08:43	09/30/25 16:00	1
o-Xylene	0.00095	U	0.00095	0.00044	mg/Kg	☼	09/27/25 08:43	09/30/25 16:00	1
sec-Butylbenzene	0.00095	U	0.00095	0.00027	mg/Kg	☼	09/27/25 08:43	09/30/25 16:00	1
Styrene	0.00095	U	0.00095	0.00026	mg/Kg	☼	09/27/25 08:43	09/30/25 16:00	1

Client Sample ID: 54D3_2-3

Lab Sample ID: 460-335747-39

Date Collected: 09/25/25 12:25
Matrix: Solid
Date Received: 09/25/25 16:10
Percent Solids: 88.6

Method: SW846 8260D - Volatile Organic Compounds by GC/MS (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
tert-Butylbenzene	0.00095	U	0.00095	0.00026	mg/Kg	☼	09/27/25 08:43	09/30/25 16:00	1
Tetrachloroethene	0.00095	U	0.00095	0.00029	mg/Kg	☼	09/27/25 08:43	09/30/25 16:00	1
Toluene	0.00095	U	0.00095	0.00022	mg/Kg	☼	09/27/25 08:43	09/30/25 16:00	1
trans-1,2-Dichloroethene	0.00095	U	0.00095	0.00023	mg/Kg	☼	09/27/25 08:43	09/30/25 16:00	1
trans-1,3-Dichloropropene	0.00095	U	0.00095	0.00025	mg/Kg	☼	09/27/25 08:43	09/30/25 16:00	1
Trichloroethene	0.00095	U	0.00095	0.00030	mg/Kg	☼	09/27/25 08:43	09/30/25 16:00	1
Trichlorofluoromethane	0.00095	U	0.00095	0.00038	mg/Kg	☼	09/27/25 08:43	09/30/25 16:00	1
Vinyl chloride	0.00095	U	0.00095	0.00052	mg/Kg	☼	09/27/25 08:43	09/30/25 16:00	1
Xylenes, Total	0.0019	U	0.0019	0.00016	mg/Kg	☼	09/27/25 08:43	09/30/25 16:00	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,2-Dichloroethane-d4 (Surr)	*126*		*65 - 138*	*09/27/25 08:43*	*09/30/25 16:00*	*1*
4-Bromofluorobenzene	*107*		*71 - 128*	*09/27/25 08:43*	*09/30/25 16:00*	*1*
Dibromofluoromethane (Surr)	*123*		*50 - 150*	*09/27/25 08:43*	*09/30/25 16:00*	*1*
Toluene-d8 (Surr)	*110*		*71 - 126*	*09/27/25 08:43*	*09/30/25 16:00*	*1*

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Percent Moisture (EPA Moisture)	**11.4**		1.0	1.0	%			09/28/25 21:10	1
Percent Solids (EPA Moisture)	**88.6**		1.0	1.0	%			09/28/25 21:10	1

Client Sample ID: 54D1_0-1

Lab Sample ID: 460-335747-40

Date Collected: 09/25/25 12:30
Matrix: Solid
Date Received: 09/25/25 16:10
Percent Solids: 87.6

Method: SW846 8260D - Volatile Organic Compounds by GC/MS

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1-Trichloroethane	0.00094	U	0.00094	0.00022	mg/Kg	☼	09/27/25 08:43	09/30/25 16:23	1
1,1,2,2-Tetrachloroethane	0.00094	U	0.00094	0.00049	mg/Kg	☼	09/27/25 08:43	09/30/25 16:23	1
1,1,2-Trichloro-1,2,2-trifluoroethane	0.00094	U *	0.00094	0.00028	mg/Kg	☼	09/27/25 08:43	09/30/25 16:23	1
1,1,2-Trichloroethane	0.00094	U	0.00094	0.00057	mg/Kg	☼	09/27/25 08:43	09/30/25 16:23	1
1,1-Dichloroethane	0.00094	U	0.00094	0.00056	mg/Kg	☼	09/27/25 08:43	09/30/25 16:23	1
1,1-Dichloroethene	0.00094	U	0.00094	0.00021	mg/Kg	☼	09/27/25 08:43	09/30/25 16:23	1
1,2,3-Trichlorobenzene	0.00094	U	0.00094	0.00069	mg/Kg	☼	09/27/25 08:43	09/30/25 16:23	1
1,2,4-Trichlorobenzene	0.00094	U	0.00094	0.00034	mg/Kg	☼	09/27/25 08:43	09/30/25 16:23	1
1,2,4-Trimethylbenzene	0.00094	U	0.00094	0.00023	mg/Kg	☼	09/27/25 08:43	09/30/25 16:23	1
1,2-Dibromo-3-Chloropropane	0.00094	U	0.00094	0.00043	mg/Kg	☼	09/27/25 08:43	09/30/25 16:23	1
1,2-Dichlorobenzene	0.00094	U	0.00094	0.00034	mg/Kg	☼	09/27/25 08:43	09/30/25 16:23	1
1,2-Dichloroethane	0.00094	U *	0.00094	0.00028	mg/Kg	☼	09/27/25 08:43	09/30/25 16:23	1
1,2-Dichloropropane	0.00094	U	0.00094	0.00040	mg/Kg	☼	09/27/25 08:43	09/30/25 16:23	1
1,3,5-Trimethylbenzene	0.00094	U	0.00094	0.00030	mg/Kg	☼	09/27/25 08:43	09/30/25 16:23	1
1,3-Dichlorobenzene	0.00094	U	0.00094	0.00034	mg/Kg	☼	09/27/25 08:43	09/30/25 16:23	1
1,4-Dichlorobenzene	0.00094	U	0.00094	0.00049	mg/Kg	☼	09/27/25 08:43	09/30/25 16:23	1
2-Butanone (MEK)	0.0047	U	0.0047	0.00035	mg/Kg	☼	09/27/25 08:43	09/30/25 16:23	1
2-Hexanone	0.0047	U *	0.0047	0.0016	mg/Kg	☼	09/27/25 08:43	09/30/25 16:23	1
4-Methyl-2-pentanone (MIBK)	0.0047	U *	0.0047	0.0015	mg/Kg	☼	09/27/25 08:43	09/30/25 16:23	1
Acetone	0.0057	U	0.0057	0.0054	mg/Kg	☼	09/27/25 08:43	09/30/25 16:23	1
Benzene	0.00094	U	0.00094	0.00053	mg/Kg	☼	09/27/25 08:43	09/30/25 16:23	1
Bromoform	0.00094	U	0.00094	0.00040	mg/Kg	☼	09/27/25 08:43	09/30/25 16:23	1
Bromomethane	0.0019	U	0.0019	0.00094	mg/Kg	☼	09/27/25 08:43	09/30/25 16:23	1

Client Sample ID: 54D1_0-1
Date Collected: 09/25/25 12:30
Date Received: 09/25/25 16:10

Lab Sample ID: 460-335747-40
Matrix: Solid
Percent Solids: 87.6

Method: SW846 8260D - Volatile Organic Compounds by GC/MS (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Carbon disulfide	0.00094	U	0.00094	0.00025	mg/Kg	☼	09/27/25 08:43	09/30/25 16:23	1
Carbon tetrachloride	0.00094	U	0.00094	0.00036	mg/Kg	☼	09/27/25 08:43	09/30/25 16:23	1
Chlorobenzene	0.00094	U	0.00094	0.00048	mg/Kg	☼	09/27/25 08:43	09/30/25 16:23	1
Chlorobromomethane	0.00094	U	0.00094	0.00056	mg/Kg	☼	09/27/25 08:43	09/30/25 16:23	1
Chlorodibromomethane	0.00094	U	0.00094	0.00051	mg/Kg	☼	09/27/25 08:43	09/30/25 16:23	1
Chloroethane	0.00094	U	0.00094	0.00049	mg/Kg	☼	09/27/25 08:43	09/30/25 16:23	1
Chloroform	0.00094	U	0.00094	0.00091	mg/Kg	☼	09/27/25 08:43	09/30/25 16:23	1
Chloromethane	0.00094	U	0.00094	0.00041	mg/Kg	☼	09/27/25 08:43	09/30/25 16:23	1
cis-1,2-Dichloroethene	0.00094	U	0.00094	0.00034	mg/Kg	☼	09/27/25 08:43	09/30/25 16:23	1
cis-1,3-Dichloropropene	0.00094	U	0.00094	0.00026	mg/Kg	☼	09/27/25 08:43	09/30/25 16:23	1
Cyclohexane	0.00094	U	0.00094	0.00021	mg/Kg	☼	09/27/25 08:43	09/30/25 16:23	1
Dichlorobromomethane	0.00094	U	0.00094	0.00024	mg/Kg	☼	09/27/25 08:43	09/30/25 16:23	1
Dichlorodifluoromethane	0.00094	U	0.00094	0.00032	mg/Kg	☼	09/27/25 08:43	09/30/25 16:23	1
Ethylbenzene	0.00094	U	0.00094	0.00044	mg/Kg	☼	09/27/25 08:43	09/30/25 16:23	1
Ethylene Dibromide	0.00094	U	0.00094	0.00047	mg/Kg	☼	09/27/25 08:43	09/30/25 16:23	1
Isopropylbenzene	0.00094	U	0.00094	0.00027	mg/Kg	☼	09/27/25 08:43	09/30/25 16:23	1
Methyl acetate	0.0047	U	0.0047	0.0040	mg/Kg	☼	09/27/25 08:43	09/30/25 16:23	1
Methyl tert-butyl ether	0.00094	U	0.00094	0.00048	mg/Kg	☼	09/27/25 08:43	09/30/25 16:23	1
Methylcyclohexane	0.00094	U	0.00094	0.00047	mg/Kg	☼	09/27/25 08:43	09/30/25 16:23	1
Methylene Chloride	**0.0021**		0.0019	0.0011	mg/Kg	☼	09/27/25 08:43	09/30/25 16:23	1
m-Xylene & p-Xylene	0.00094	U	0.00094	0.00040	mg/Kg	☼	09/27/25 08:43	09/30/25 16:23	1
n-Butylbenzene	0.00094	U	0.00094	0.00028	mg/Kg	☼	09/27/25 08:43	09/30/25 16:23	1
N-Propylbenzene	0.00094	U	0.00094	0.00042	mg/Kg	☼	09/27/25 08:43	09/30/25 16:23	1
o-Xylene	0.00094	U	0.00094	0.00043	mg/Kg	☼	09/27/25 08:43	09/30/25 16:23	1
sec-Butylbenzene	0.00094	U	0.00094	0.00027	mg/Kg	☼	09/27/25 08:43	09/30/25 16:23	1
Styrene	0.00094	U	0.00094	0.00026	mg/Kg	☼	09/27/25 08:43	09/30/25 16:23	1
tert-Butylbenzene	0.00094	U	0.00094	0.00026	mg/Kg	☼	09/27/25 08:43	09/30/25 16:23	1
Tetrachloroethene	0.00094	U	0.00094	0.00029	mg/Kg	☼	09/27/25 08:43	09/30/25 16:23	1
Toluene	0.00094	U	0.00094	0.00022	mg/Kg	☼	09/27/25 08:43	09/30/25 16:23	1
trans-1,2-Dichloroethene	0.00094	U	0.00094	0.00023	mg/Kg	☼	09/27/25 08:43	09/30/25 16:23	1
trans-1,3-Dichloropropene	0.00094	U	0.00094	0.00025	mg/Kg	☼	09/27/25 08:43	09/30/25 16:23	1
Trichloroethene	0.00094	U	0.00094	0.00030	mg/Kg	☼	09/27/25 08:43	09/30/25 16:23	1
Trichlorofluoromethane	0.00094	U	0.00094	0.00038	mg/Kg	☼	09/27/25 08:43	09/30/25 16:23	1
Vinyl chloride	0.00094	U	0.00094	0.00051	mg/Kg	☼	09/27/25 08:43	09/30/25 16:23	1
Xylenes, Total	0.0019	U	0.0019	0.00016	mg/Kg	☼	09/27/25 08:43	09/30/25 16:23	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,2-Dichloroethane-d4 (Surr)	*127*		*65 - 138*	*09/27/25 08:43*	*09/30/25 16:23*	*1*
4-Bromofluorobenzene	*110*		*71 - 128*	*09/27/25 08:43*	*09/30/25 16:23*	*1*
Dibromofluoromethane (Surr)	*122*		*50 - 150*	*09/27/25 08:43*	*09/30/25 16:23*	*1*
Toluene-d8 (Surr)	*111*		*71 - 126*	*09/27/25 08:43*	*09/30/25 16:23*	*1*

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Percent Moisture (EPA Moisture)	**12.4**		1.0	1.0	%			09/28/25 21:10	1
Percent Solids (EPA Moisture)	**87.6**		1.0	1.0	%			09/28/25 21:10	1

Client: Haley & Aldrich, Inc.
Project/Site: Former Port Mobil

Job ID: 460-335747-1

Client Sample ID: 54C1_4-5
Date Collected: 09/25/25 13:10
Date Received: 09/25/25 16:10

Lab Sample ID: 460-335747-41
Matrix: Solid
Percent Solids: 89.2

Method: SW846 8260D - Volatile Organic Compounds by GC/MS

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1-Trichloroethane	0.0011	U	0.0011	0.00025	mg/Kg	☼	09/27/25 08:57	09/30/25 20:52	1
1,1,2,2-Tetrachloroethane	0.0011	U	0.0011	0.00055	mg/Kg	☼	09/27/25 08:57	09/30/25 20:52	1
1,1,2-Trichloro-1,2,2-trifluoroethane	0.0011	U	0.0011	0.00032	mg/Kg	☼	09/27/25 08:57	09/30/25 20:52	1
1,1,2-Trichloroethane	0.0011	U	0.0011	0.00063	mg/Kg	☼	09/27/25 08:57	09/30/25 20:52	1
1,1-Dichloroethane	0.0011	U	0.0011	0.00063	mg/Kg	☼	09/27/25 08:57	09/30/25 20:52	1
1,1-Dichloroethene	0.0011	U	0.0011	0.00024	mg/Kg	☼	09/27/25 08:57	09/30/25 20:52	1
1,2,3-Trichlorobenzene	0.0011	U	0.0011	0.00078	mg/Kg	☼	09/27/25 08:57	09/30/25 20:52	1
1,2,4-Trichlorobenzene	0.0011	U	0.0011	0.00038	mg/Kg	☼	09/27/25 08:57	09/30/25 20:52	1
1,2,4-Trimethylbenzene	0.0011	U	0.0011	0.00026	mg/Kg	☼	09/27/25 08:57	09/30/25 20:52	1
1,2-Dibromo-3-Chloropropane	0.0011	U	0.0011	0.00048	mg/Kg	☼	09/27/25 08:57	09/30/25 20:52	1
1,2-Dichlorobenzene	0.0011	U	0.0011	0.00038	mg/Kg	☼	09/27/25 08:57	09/30/25 20:52	1
1,2-Dichloroethane	0.0011	U	0.0011	0.00031	mg/Kg	☼	09/27/25 08:57	09/30/25 20:52	1
1,2-Dichloropropane	0.0011	U	0.0011	0.00045	mg/Kg	☼	09/27/25 08:57	09/30/25 20:52	1
1,3,5-Trimethylbenzene	0.0011	U	0.0011	0.00033	mg/Kg	☼	09/27/25 08:57	09/30/25 20:52	1
1,3-Dichlorobenzene	0.0011	U	0.0011	0.00038	mg/Kg	☼	09/27/25 08:57	09/30/25 20:52	1
1,4-Dichlorobenzene	0.0011	U	0.0011	0.00055	mg/Kg	☼	09/27/25 08:57	09/30/25 20:52	1
2-Butanone (MEK)	0.0053	U	0.0053	0.00039	mg/Kg	☼	09/27/25 08:57	09/30/25 20:52	1
2-Hexanone	0.0053	U	0.0053	0.0018	mg/Kg	☼	09/27/25 08:57	09/30/25 20:52	1
4-Methyl-2-pentanone (MIBK)	0.0053	U	0.0053	0.0016	mg/Kg	☼	09/27/25 08:57	09/30/25 20:52	1
Acetone	0.0063	U	0.0063	0.0060	mg/Kg	☼	09/27/25 08:57	09/30/25 20:52	1
Benzene	0.0011	U	0.0011	0.00060	mg/Kg	☼	09/27/25 08:57	09/30/25 20:52	1
Bromoform	0.0011	U	0.0011	0.00045	mg/Kg	☼	09/27/25 08:57	09/30/25 20:52	1
Bromomethane	0.0021	U	0.0021	0.0011	mg/Kg	☼	09/27/25 08:57	09/30/25 20:52	1
Carbon disulfide	0.0011	U	0.0011	0.00028	mg/Kg	☼	09/27/25 08:57	09/30/25 20:52	1
Carbon tetrachloride	0.0011	U	0.0011	0.00041	mg/Kg	☼	09/27/25 08:57	09/30/25 20:52	1
Chlorobenzene	0.0011	U	0.0011	0.00053	mg/Kg	☼	09/27/25 08:57	09/30/25 20:52	1
Chlorobromomethane	0.0011	U	0.0011	0.00063	mg/Kg	☼	09/27/25 08:57	09/30/25 20:52	1
Chlorodibromomethane	0.0011	U	0.0011	0.00057	mg/Kg	☼	09/27/25 08:57	09/30/25 20:52	1
Chloroethane	0.0011	U	0.0011	0.00055	mg/Kg	☼	09/27/25 08:57	09/30/25 20:52	1
Chloroform	0.0011	U	0.0011	0.0010	mg/Kg	☼	09/27/25 08:57	09/30/25 20:52	1
Chloromethane	0.0011	U	0.0011	0.00046	mg/Kg	☼	09/27/25 08:57	09/30/25 20:52	1
cis-1,2-Dichloroethene	0.0011	U	0.0011	0.00038	mg/Kg	☼	09/27/25 08:57	09/30/25 20:52	1
cis-1,3-Dichloropropene	0.0011	U	0.0011	0.00029	mg/Kg	☼	09/27/25 08:57	09/30/25 20:52	1
Cyclohexane	0.0011	U	0.0011	0.00023	mg/Kg	☼	09/27/25 08:57	09/30/25 20:52	1
Dichlorobromomethane	0.0011	U	0.0011	0.00027	mg/Kg	☼	09/27/25 08:57	09/30/25 20:52	1
Dichlorodifluoromethane	0.0011	U	0.0011	0.00036	mg/Kg	☼	09/27/25 08:57	09/30/25 20:52	1
Ethylbenzene	0.0011	U	0.0011	0.00049	mg/Kg	☼	09/27/25 08:57	09/30/25 20:52	1
Ethylene Dibromide	0.0011	U	0.0011	0.00053	mg/Kg	☼	09/27/25 08:57	09/30/25 20:52	1
Isopropylbenzene	0.0011	U	0.0011	0.00030	mg/Kg	☼	09/27/25 08:57	09/30/25 20:52	1
Methyl acetate	0.0053	U	0.0053	0.0045	mg/Kg	☼	09/27/25 08:57	09/30/25 20:52	1
Methyl tert-butyl ether	0.0011	U	0.0011	0.00054	mg/Kg	☼	09/27/25 08:57	09/30/25 20:52	1
Methylcyclohexane	0.0011	U	0.0011	0.00053	mg/Kg	☼	09/27/25 08:57	09/30/25 20:52	1
Methylene Chloride	**0.0027**		0.0021	0.0012	mg/Kg	☼	09/27/25 08:57	09/30/25 20:52	1
m-Xylene & p-Xylene	0.0011	U	0.0011	0.00045	mg/Kg	☼	09/27/25 08:57	09/30/25 20:52	1
n-Butylbenzene	0.0011	U	0.0011	0.00031	mg/Kg	☼	09/27/25 08:57	09/30/25 20:52	1
N-Propylbenzene	0.0011	U	0.0011	0.00047	mg/Kg	☼	09/27/25 08:57	09/30/25 20:52	1
o-Xylene	0.0011	U	0.0011	0.00049	mg/Kg	☼	09/27/25 08:57	09/30/25 20:52	1
sec-Butylbenzene	0.0011	U	0.0011	0.00030	mg/Kg	☼	09/27/25 08:57	09/30/25 20:52	1
Styrene	0.0011	U	0.0011	0.00029	mg/Kg	☼	09/27/25 08:57	09/30/25 20:52	1

Client Sample ID: 54C1_4-5

Date Collected: 09/25/25 13:10
Date Received: 09/25/25 16:10

Lab Sample ID: 460-335747-41

Matrix: Solid
Percent Solids: 89.2

Method: SW846 8260D - Volatile Organic Compounds by GC/MS (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
tert-Butylbenzene	0.0011	U	0.0011	0.00029	mg/Kg	☼	09/27/25 08:57	09/30/25 20:52	1
Tetrachloroethene	0.0011	U	0.0011	0.00032	mg/Kg	☼	09/27/25 08:57	09/30/25 20:52	1
Toluene	0.0011	U	0.0011	0.00025	mg/Kg	☼	09/27/25 08:57	09/30/25 20:52	1
trans-1,2-Dichloroethene	0.0011	U	0.0011	0.00026	mg/Kg	☼	09/27/25 08:57	09/30/25 20:52	1
trans-1,3-Dichloropropene	0.0011	U	0.0011	0.00028	mg/Kg	☼	09/27/25 08:57	09/30/25 20:52	1
Trichloroethene	0.0011	U	0.0011	0.00034	mg/Kg	☼	09/27/25 08:57	09/30/25 20:52	1
Trichlorofluoromethane	0.0011	U	0.0011	0.00043	mg/Kg	☼	09/27/25 08:57	09/30/25 20:52	1
Vinyl chloride	0.0011	U	0.0011	0.00058	mg/Kg	☼	09/27/25 08:57	09/30/25 20:52	1
Xylenes, Total	0.0021	U	0.0021	0.00018	mg/Kg	☼	09/27/25 08:57	09/30/25 20:52	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,2-Dichloroethane-d4 (Surr)	*126*		*65 - 138*	*09/27/25 08:57*	*09/30/25 20:52*	*1*
4-Bromofluorobenzene	*105*		*71 - 128*	*09/27/25 08:57*	*09/30/25 20:52*	*1*
Dibromofluoromethane (Surr)	*119*		*50 - 150*	*09/27/25 08:57*	*09/30/25 20:52*	*1*
Toluene-d8 (Surr)	*111*		*71 - 126*	*09/27/25 08:57*	*09/30/25 20:52*	*1*

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Percent Moisture (EPA Moisture)	**10.8**		1.0	1.0	%			09/28/25 21:10	1
Percent Solids (EPA Moisture)	**89.2**		1.0	1.0	%			09/28/25 21:10	1

Client Sample ID: 54C3_1-2

Date Collected: 09/25/25 13:15
Date Received: 09/25/25 16:10

Lab Sample ID: 460-335747-42

Matrix: Solid
Percent Solids: 91.0

Method: SW846 8260D - Volatile Organic Compounds by GC/MS

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1-Trichloroethane	0.0010	U	0.0010	0.00023	mg/Kg	☼	09/27/25 08:57	09/30/25 21:16	1
1,1,2,2-Tetrachloroethane	0.0010	U	0.0010	0.00052	mg/Kg	☼	09/27/25 08:57	09/30/25 21:16	1
1,1,2-Trichloro-1,2,2-trifluoroethane	0.0010	U	0.0010	0.00030	mg/Kg	☼	09/27/25 08:57	09/30/25 21:16	1
1,1,2-Trichloroethane	0.0010	U	0.0010	0.00060	mg/Kg	☼	09/27/25 08:57	09/30/25 21:16	1
1,1-Dichloroethane	0.0010	U	0.0010	0.00060	mg/Kg	☼	09/27/25 08:57	09/30/25 21:16	1
1,1-Dichloroethene	0.0010	U	0.0010	0.00023	mg/Kg	☼	09/27/25 08:57	09/30/25 21:16	1
1,2,3-Trichlorobenzene	0.0010	U	0.0010	0.00074	mg/Kg	☼	09/27/25 08:57	09/30/25 21:16	1
1,2,4-Trichlorobenzene	0.0010	U	0.0010	0.00036	mg/Kg	☼	09/27/25 08:57	09/30/25 21:16	1
1,2,4-Trimethylbenzene	0.0010	U	0.0010	0.00025	mg/Kg	☼	09/27/25 08:57	09/30/25 21:16	1
1,2-Dibromo-3-Chloropropane	0.0010	U	0.0010	0.00046	mg/Kg	☼	09/27/25 08:57	09/30/25 21:16	1
1,2-Dichlorobenzene	0.0010	U	0.0010	0.00036	mg/Kg	☼	09/27/25 08:57	09/30/25 21:16	1
1,2-Dichloroethane	0.0010	U	0.0010	0.00030	mg/Kg	☼	09/27/25 08:57	09/30/25 21:16	1
1,2-Dichloropropane	0.0010	U	0.0010	0.00042	mg/Kg	☼	09/27/25 08:57	09/30/25 21:16	1
1,3,5-Trimethylbenzene	0.0010	U	0.0010	0.00032	mg/Kg	☼	09/27/25 08:57	09/30/25 21:16	1
1,3-Dichlorobenzene	0.0010	U	0.0010	0.00037	mg/Kg	☼	09/27/25 08:57	09/30/25 21:16	1
1,4-Dichlorobenzene	0.0010	U	0.0010	0.00052	mg/Kg	☼	09/27/25 08:57	09/30/25 21:16	1
2-Butanone (MEK)	0.0050	U	0.0050	0.00037	mg/Kg	☼	09/27/25 08:57	09/30/25 21:16	1
2-Hexanone	0.0050	U	0.0050	0.0017	mg/Kg	☼	09/27/25 08:57	09/30/25 21:16	1
4-Methyl-2-pentanone (MIBK)	0.0050	U	0.0050	0.0016	mg/Kg	☼	09/27/25 08:57	09/30/25 21:16	1
Acetone	0.0060	U	0.0060	0.0057	mg/Kg	☼	09/27/25 08:57	09/30/25 21:16	1
Benzene	0.0010	U	0.0010	0.00057	mg/Kg	☼	09/27/25 08:57	09/30/25 21:16	1
Bromoform	0.0010	U	0.0010	0.00043	mg/Kg	☼	09/27/25 08:57	09/30/25 21:16	1
Bromomethane	0.0020	U	0.0020	0.0010	mg/Kg	☼	09/27/25 08:57	09/30/25 21:16	1

Client Sample ID: 54C3_1-2
Date Collected: 09/25/25 13:15
Date Received: 09/25/25 16:10

Lab Sample ID: 460-335747-42
Matrix: Solid
Percent Solids: 91.0

Method: SW846 8260D - Volatile Organic Compounds by GC/MS (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Carbon disulfide	0.0010	U	0.0010	0.00027	mg/Kg	☼	09/27/25 08:57	09/30/25 21:16	1
Carbon tetrachloride	0.0010	U	0.0010	0.00039	mg/Kg	☼	09/27/25 08:57	09/30/25 21:16	1
Chlorobenzene	0.0010	U	0.0010	0.00051	mg/Kg	☼	09/27/25 08:57	09/30/25 21:16	1
Chlorobromomethane	0.0010	U	0.0010	0.00060	mg/Kg	☼	09/27/25 08:57	09/30/25 21:16	1
Chlorodibromomethane	0.0010	U	0.0010	0.00054	mg/Kg	☼	09/27/25 08:57	09/30/25 21:16	1
Chloroethane	0.0010	U	0.0010	0.00052	mg/Kg	☼	09/27/25 08:57	09/30/25 21:16	1
Chloroform	0.0010	U	0.0010	0.00098	mg/Kg	☼	09/27/25 08:57	09/30/25 21:16	1
Chloromethane	0.0010	U	0.0010	0.00044	mg/Kg	☼	09/27/25 08:57	09/30/25 21:16	1
cis-1,2-Dichloroethene	0.0010	U	0.0010	0.00036	mg/Kg	☼	09/27/25 08:57	09/30/25 21:16	1
cis-1,3-Dichloropropene	0.0010	U	0.0010	0.00027	mg/Kg	☼	09/27/25 08:57	09/30/25 21:16	1
Cyclohexane	0.0010	U	0.0010	0.00022	mg/Kg	☼	09/27/25 08:57	09/30/25 21:16	1
Dichlorobromomethane	0.0010	U	0.0010	0.00026	mg/Kg	☼	09/27/25 08:57	09/30/25 21:16	1
Dichlorodifluoromethane	0.0010	U	0.0010	0.00034	mg/Kg	☼	09/27/25 08:57	09/30/25 21:16	1
Ethylbenzene	0.0010	U	0.0010	0.00047	mg/Kg	☼	09/27/25 08:57	09/30/25 21:16	1
Ethylene Dibromide	0.0010	U	0.0010	0.00051	mg/Kg	☼	09/27/25 08:57	09/30/25 21:16	1
Isopropylbenzene	0.0010	U	0.0010	0.00029	mg/Kg	☼	09/27/25 08:57	09/30/25 21:16	1
Methyl acetate	0.0050	U	0.0050	0.0043	mg/Kg	☼	09/27/25 08:57	09/30/25 21:16	1
Methyl tert-butyl ether	0.0010	U	0.0010	0.00051	mg/Kg	☼	09/27/25 08:57	09/30/25 21:16	1
Methylcyclohexane	0.0010	U	0.0010	0.00050	mg/Kg	☼	09/27/25 08:57	09/30/25 21:16	1
Methylene Chloride	**0.0032**		0.0020	0.0012	mg/Kg	☼	09/27/25 08:57	09/30/25 21:16	1
m-Xylene & p-Xylene	0.0010	U	0.0010	0.00042	mg/Kg	☼	09/27/25 08:57	09/30/25 21:16	1
n-Butylbenzene	0.0010	U	0.0010	0.00030	mg/Kg	☼	09/27/25 08:57	09/30/25 21:16	1
N-Propylbenzene	0.0010	U	0.0010	0.00045	mg/Kg	☼	09/27/25 08:57	09/30/25 21:16	1
o-Xylene	0.0010	U	0.0010	0.00046	mg/Kg	☼	09/27/25 08:57	09/30/25 21:16	1
sec-Butylbenzene	0.0010	U	0.0010	0.00029	mg/Kg	☼	09/27/25 08:57	09/30/25 21:16	1
Styrene	0.0010	U	0.0010	0.00028	mg/Kg	☼	09/27/25 08:57	09/30/25 21:16	1
tert-Butylbenzene	0.0010	U	0.0010	0.00028	mg/Kg	☼	09/27/25 08:57	09/30/25 21:16	1
Tetrachloroethene	0.0010	U	0.0010	0.00031	mg/Kg	☼	09/27/25 08:57	09/30/25 21:16	1
Toluene	0.0010	U	0.0010	0.00024	mg/Kg	☼	09/27/25 08:57	09/30/25 21:16	1
trans-1,2-Dichloroethene	0.0010	U	0.0010	0.00025	mg/Kg	☼	09/27/25 08:57	09/30/25 21:16	1
trans-1,3-Dichloropropene	0.0010	U	0.0010	0.00027	mg/Kg	☼	09/27/25 08:57	09/30/25 21:16	1
Trichloroethene	0.0010	U	0.0010	0.00032	mg/Kg	☼	09/27/25 08:57	09/30/25 21:16	1
Trichlorofluoromethane	0.0010	U	0.0010	0.00041	mg/Kg	☼	09/27/25 08:57	09/30/25 21:16	1
Vinyl chloride	0.0010	U	0.0010	0.00055	mg/Kg	☼	09/27/25 08:57	09/30/25 21:16	1
Xylenes, Total	0.0020	U	0.0020	0.00017	mg/Kg	☼	09/27/25 08:57	09/30/25 21:16	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,2-Dichloroethane-d4 (Surr)	*125*		*65 - 138*	*09/27/25 08:57*	*09/30/25 21:16*	*1*
4-Bromofluorobenzene	*107*		*71 - 128*	*09/27/25 08:57*	*09/30/25 21:16*	*1*
Dibromofluoromethane (Surr)	*119*		*50 - 150*	*09/27/25 08:57*	*09/30/25 21:16*	*1*
Toluene-d8 (Surr)	*109*		*71 - 126*	*09/27/25 08:57*	*09/30/25 21:16*	*1*

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Percent Moisture (EPA Moisture)	**9.0**		1.0	1.0	%			09/28/25 21:10	1
Percent Solids (EPA Moisture)	**91.0**		1.0	1.0	%			09/28/25 21:10	1

Client: Haley & Aldrich, Inc.
Project/Site: Former Port Mobil

Job ID: 460-335747-1

Client Sample ID: 54C3_5-6
Date Collected: 09/25/25 13:20
Date Received: 09/25/25 16:10

Lab Sample ID: 460-335747-43
Matrix: Solid
Percent Solids: 88.0

Method: SW846 8260D - Volatile Organic Compounds by GC/MS

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1-Trichloroethane	0.00091	U	0.00091	0.00021	mg/Kg	☼	09/27/25 08:57	09/30/25 21:39	1
1,1,2,2-Tetrachloroethane	0.00091	U	0.00091	0.00048	mg/Kg	☼	09/27/25 08:57	09/30/25 21:39	1
1,1,2-Trichloro-1,2,2-trifluoroethane	0.00091	U	0.00091	0.00027	mg/Kg	☼	09/27/25 08:57	09/30/25 21:39	1
1,1,2-Trichloroethane	0.00091	U	0.00091	0.00055	mg/Kg	☼	09/27/25 08:57	09/30/25 21:39	1
1,1-Dichloroethane	0.00091	U	0.00091	0.00054	mg/Kg	☼	09/27/25 08:57	09/30/25 21:39	1
1,1-Dichloroethene	0.00091	U	0.00091	0.00020	mg/Kg	☼	09/27/25 08:57	09/30/25 21:39	1
1,2,3-Trichlorobenzene	0.00091	U	0.00091	0.00067	mg/Kg	☼	09/27/25 08:57	09/30/25 21:39	1
1,2,4-Trichlorobenzene	0.00091	U	0.00091	0.00033	mg/Kg	☼	09/27/25 08:57	09/30/25 21:39	1
1,2,4-Trimethylbenzene	0.00091	U	0.00091	0.00022	mg/Kg	☼	09/27/25 08:57	09/30/25 21:39	1
1,2-Dibromo-3-Chloropropane	0.00091	U	0.00091	0.00042	mg/Kg	☼	09/27/25 08:57	09/30/25 21:39	1
1,2-Dichlorobenzene	0.00091	U	0.00091	0.00033	mg/Kg	☼	09/27/25 08:57	09/30/25 21:39	1
1,2-Dichloroethane	0.00091	U	0.00091	0.00027	mg/Kg	☼	09/27/25 08:57	09/30/25 21:39	1
1,2-Dichloropropane	0.00091	U	0.00091	0.00039	mg/Kg	☼	09/27/25 08:57	09/30/25 21:39	1
1,3,5-Trimethylbenzene	0.00091	U	0.00091	0.00029	mg/Kg	☼	09/27/25 08:57	09/30/25 21:39	1
1,3-Dichlorobenzene	0.00091	U	0.00091	0.00033	mg/Kg	☼	09/27/25 08:57	09/30/25 21:39	1
1,4-Dichlorobenzene	0.00091	U	0.00091	0.00047	mg/Kg	☼	09/27/25 08:57	09/30/25 21:39	1
2-Butanone (MEK)	0.0046	U	0.0046	0.00034	mg/Kg	☼	09/27/25 08:57	09/30/25 21:39	1
2-Hexanone	0.0046	U	0.0046	0.0016	mg/Kg	☼	09/27/25 08:57	09/30/25 21:39	1
4-Methyl-2-pentanone (MIBK)	0.0046	U	0.0046	0.0014	mg/Kg	☼	09/27/25 08:57	09/30/25 21:39	1
Acetone	0.0055	U	0.0055	0.0052	mg/Kg	☼	09/27/25 08:57	09/30/25 21:39	1
Benzene	0.00091	U	0.00091	0.00052	mg/Kg	☼	09/27/25 08:57	09/30/25 21:39	1
Bromoform	0.00091	U	0.00091	0.00039	mg/Kg	☼	09/27/25 08:57	09/30/25 21:39	1
Bromomethane	0.0018	U	0.0018	0.00091	mg/Kg	☼	09/27/25 08:57	09/30/25 21:39	1
Carbon disulfide	0.00091	U	0.00091	0.00024	mg/Kg	☼	09/27/25 08:57	09/30/25 21:39	1
Carbon tetrachloride	0.00091	U	0.00091	0.00035	mg/Kg	☼	09/27/25 08:57	09/30/25 21:39	1
Chlorobenzene	0.00091	U	0.00091	0.00046	mg/Kg	☼	09/27/25 08:57	09/30/25 21:39	1
Chlorobromomethane	0.00091	U	0.00091	0.00054	mg/Kg	☼	09/27/25 08:57	09/30/25 21:39	1
Chlorodibromomethane	0.00091	U	0.00091	0.00049	mg/Kg	☼	09/27/25 08:57	09/30/25 21:39	1
Chloroethane	0.00091	U	0.00091	0.00048	mg/Kg	☼	09/27/25 08:57	09/30/25 21:39	1
Chloroform	0.00091	U	0.00091	0.00088	mg/Kg	☼	09/27/25 08:57	09/30/25 21:39	1
Chloromethane	0.00091	U	0.00091	0.00040	mg/Kg	☼	09/27/25 08:57	09/30/25 21:39	1
cis-1,2-Dichloroethene	0.00091	U	0.00091	0.00033	mg/Kg	☼	09/27/25 08:57	09/30/25 21:39	1
cis-1,3-Dichloropropene	0.00091	U	0.00091	0.00025	mg/Kg	☼	09/27/25 08:57	09/30/25 21:39	1
Cyclohexane	0.00091	U	0.00091	0.00020	mg/Kg	☼	09/27/25 08:57	09/30/25 21:39	1
Dichlorobromomethane	0.00091	U	0.00091	0.00023	mg/Kg	☼	09/27/25 08:57	09/30/25 21:39	1
Dichlorodifluoromethane	0.00091	U	0.00091	0.00031	mg/Kg	☼	09/27/25 08:57	09/30/25 21:39	1
Ethylbenzene	0.00091	U	0.00091	0.00043	mg/Kg	☼	09/27/25 08:57	09/30/25 21:39	1
Ethylene Dibromide	0.00091	U	0.00091	0.00046	mg/Kg	☼	09/27/25 08:57	09/30/25 21:39	1
Isopropylbenzene	0.00091	U	0.00091	0.00026	mg/Kg	☼	09/27/25 08:57	09/30/25 21:39	1
Methyl acetate	0.0046	U	0.0046	0.0039	mg/Kg	☼	09/27/25 08:57	09/30/25 21:39	1
Methyl tert-butyl ether	0.00091	U	0.00091	0.00047	mg/Kg	☼	09/27/25 08:57	09/30/25 21:39	1
Methylcyclohexane	0.00091	U	0.00091	0.00045	mg/Kg	☼	09/27/25 08:57	09/30/25 21:39	1
Methylene Chloride	**0.0021**		0.0018	0.0010	mg/Kg	☼	09/27/25 08:57	09/30/25 21:39	1
m-Xylene & p-Xylene	0.00091	U	0.00091	0.00039	mg/Kg	☼	09/27/25 08:57	09/30/25 21:39	1
n-Butylbenzene	0.00091	U	0.00091	0.00027	mg/Kg	☼	09/27/25 08:57	09/30/25 21:39	1
N-Propylbenzene	0.00091	U	0.00091	0.00041	mg/Kg	☼	09/27/25 08:57	09/30/25 21:39	1
o-Xylene	0.00091	U	0.00091	0.00042	mg/Kg	☼	09/27/25 08:57	09/30/25 21:39	1
sec-Butylbenzene	0.00091	U	0.00091	0.00026	mg/Kg	☼	09/27/25 08:57	09/30/25 21:39	1
Styrene	0.00091	U	0.00091	0.00025	mg/Kg	☼	09/27/25 08:57	09/30/25 21:39	1

Client Sample ID: 54C3_5-6

Lab Sample ID: 460-335747-43

Date Collected: 09/25/25 13:20
Matrix: Solid
Date Received: 09/25/25 16:10
Percent Solids: 88.0

Method: SW846 8260D - Volatile Organic Compounds by GC/MS (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
tert-Butylbenzene	0.00091	U	0.00091	0.00025	mg/Kg	☼	09/27/25 08:57	09/30/25 21:39	1
Tetrachloroethene	0.00091	U	0.00091	0.00028	mg/Kg	☼	09/27/25 08:57	09/30/25 21:39	1
Toluene	0.00091	U	0.00091	0.00021	mg/Kg	☼	09/27/25 08:57	09/30/25 21:39	1
trans-1,2-Dichloroethene	0.00091	U	0.00091	0.00022	mg/Kg	☼	09/27/25 08:57	09/30/25 21:39	1
trans-1,3-Dichloropropene	0.00091	U	0.00091	0.00024	mg/Kg	☼	09/27/25 08:57	09/30/25 21:39	1
Trichloroethene	0.00091	U	0.00091	0.00029	mg/Kg	☼	09/27/25 08:57	09/30/25 21:39	1
Trichlorofluoromethane	0.00091	U	0.00091	0.00037	mg/Kg	☼	09/27/25 08:57	09/30/25 21:39	1
Vinyl chloride	0.00091	U	0.00091	0.00050	mg/Kg	☼	09/27/25 08:57	09/30/25 21:39	1
Xylenes, Total	0.0018	U	0.0018	0.00016	mg/Kg	☼	09/27/25 08:57	09/30/25 21:39	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,2-Dichloroethane-d4 (Surr)	*125*		*65 - 138*	*09/27/25 08:57*	*09/30/25 21:39*	*1*
4-Bromofluorobenzene	*108*		*71 - 128*	*09/27/25 08:57*	*09/30/25 21:39*	*1*
Dibromofluoromethane (Surr)	*121*		*50 - 150*	*09/27/25 08:57*	*09/30/25 21:39*	*1*
Toluene-d8 (Surr)	*112*		*71 - 126*	*09/27/25 08:57*	*09/30/25 21:39*	*1*

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Percent Moisture (EPA Moisture)	**12.0**		1.0	1.0	%			09/28/25 21:10	1
Percent Solids (EPA Moisture)	**88.0**		1.0	1.0	%			09/28/25 21:10	1

Client Sample ID: 54C1_7-8

Lab Sample ID: 460-335747-44

Date Collected: 09/25/25 13:25
Matrix: Solid
Date Received: 09/25/25 16:10
Percent Solids: 90.9

Method: SW846 8260D - Volatile Organic Compounds by GC/MS

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1-Trichloroethane	0.00087	U	0.00087	0.00020	mg/Kg	☼	09/27/25 08:58	09/30/25 22:03	1
1,1,2,2-Tetrachloroethane	0.00087	U	0.00087	0.00045	mg/Kg	☼	09/27/25 08:58	09/30/25 22:03	1
1,1,2-Trichloro-1,2,2-trifluoroethane	0.00087	U	0.00087	0.00026	mg/Kg	☼	09/27/25 08:58	09/30/25 22:03	1
1,1,2-Trichloroethane	0.00087	U	0.00087	0.00052	mg/Kg	☼	09/27/25 08:58	09/30/25 22:03	1
1,1-Dichloroethane	0.00087	U	0.00087	0.00052	mg/Kg	☼	09/27/25 08:58	09/30/25 22:03	1
1,1-Dichloroethene	0.00087	U	0.00087	0.00020	mg/Kg	☼	09/27/25 08:58	09/30/25 22:03	1
1,2,3-Trichlorobenzene	0.00087	U	0.00087	0.00064	mg/Kg	☼	09/27/25 08:58	09/30/25 22:03	1
1,2,4-Trichlorobenzene	0.00087	U	0.00087	0.00031	mg/Kg	☼	09/27/25 08:58	09/30/25 22:03	1
1,2,4-Trimethylbenzene	0.00087	U	0.00087	0.00021	mg/Kg	☼	09/27/25 08:58	09/30/25 22:03	1
1,2-Dibromo-3-Chloropropane	0.00087	U	0.00087	0.00040	mg/Kg	☼	09/27/25 08:58	09/30/25 22:03	1
1,2-Dichlorobenzene	0.00087	U	0.00087	0.00031	mg/Kg	☼	09/27/25 08:58	09/30/25 22:03	1
1,2-Dichloroethane	0.00087	U	0.00087	0.00026	mg/Kg	☼	09/27/25 08:58	09/30/25 22:03	1
1,2-Dichloropropane	0.00087	U	0.00087	0.00037	mg/Kg	☼	09/27/25 08:58	09/30/25 22:03	1
1,3,5-Trimethylbenzene	0.00087	U	0.00087	0.00027	mg/Kg	☼	09/27/25 08:58	09/30/25 22:03	1
1,3-Dichlorobenzene	0.00087	U	0.00087	0.00032	mg/Kg	☼	09/27/25 08:58	09/30/25 22:03	1
1,4-Dichlorobenzene	0.00087	U	0.00087	0.00045	mg/Kg	☼	09/27/25 08:58	09/30/25 22:03	1
2-Butanone (MEK)	0.0043	U	0.0043	0.00032	mg/Kg	☼	09/27/25 08:58	09/30/25 22:03	1
2-Hexanone	0.0043	U	0.0043	0.0015	mg/Kg	☼	09/27/25 08:58	09/30/25 22:03	1
4-Methyl-2-pentanone (MIBK)	0.0043	U	0.0043	0.0014	mg/Kg	☼	09/27/25 08:58	09/30/25 22:03	1
Acetone	0.0052	U	0.0052	0.0050	mg/Kg	☼	09/27/25 08:58	09/30/25 22:03	1
Benzene	0.00087	U	0.00087	0.00049	mg/Kg	☼	09/27/25 08:58	09/30/25 22:03	1
Bromoform	0.00087	U	0.00087	0.00037	mg/Kg	☼	09/27/25 08:58	09/30/25 22:03	1
Bromomethane	0.0017	U	0.0017	0.00087	mg/Kg	☼	09/27/25 08:58	09/30/25 22:03	1

Client Sample ID: 54C1_7-8
Date Collected: 09/25/25 13:25
Date Received: 09/25/25 16:10

Lab Sample ID: 460-335747-44
Matrix: Solid
Percent Solids: 90.9

Method: SW846 8260D - Volatile Organic Compounds by GC/MS (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Carbon disulfide	0.00087	U	0.00087	0.00023	mg/Kg	☼	09/27/25 08:58	09/30/25 22:03	1
Carbon tetrachloride	0.00087	U	0.00087	0.00034	mg/Kg	☼	09/27/25 08:58	09/30/25 22:03	1
Chlorobenzene	0.00087	U	0.00087	0.00044	mg/Kg	☼	09/27/25 08:58	09/30/25 22:03	1
Chlorobromomethane	0.00087	U	0.00087	0.00052	mg/Kg	☼	09/27/25 08:58	09/30/25 22:03	1
Chlorodibromomethane	0.00087	U	0.00087	0.00047	mg/Kg	☼	09/27/25 08:58	09/30/25 22:03	1
Chloroethane	0.00087	U	0.00087	0.00045	mg/Kg	☼	09/27/25 08:58	09/30/25 22:03	1
Chloroform	0.00087	U	0.00087	0.00084	mg/Kg	☼	09/27/25 08:58	09/30/25 22:03	1
Chloromethane	0.00087	U	0.00087	0.00038	mg/Kg	☼	09/27/25 08:58	09/30/25 22:03	1
cis-1,2-Dichloroethene	0.00087	U	0.00087	0.00031	mg/Kg	☼	09/27/25 08:58	09/30/25 22:03	1
cis-1,3-Dichloropropene	0.00087	U	0.00087	0.00024	mg/Kg	☼	09/27/25 08:58	09/30/25 22:03	1
Cyclohexane	0.00087	U	0.00087	0.00019	mg/Kg	☼	09/27/25 08:58	09/30/25 22:03	1
Dichlorobromomethane	0.00087	U	0.00087	0.00022	mg/Kg	☼	09/27/25 08:58	09/30/25 22:03	1
Dichlorodifluoromethane	0.00087	U	0.00087	0.00029	mg/Kg	☼	09/27/25 08:58	09/30/25 22:03	1
Ethylbenzene	0.00087	U	0.00087	0.00041	mg/Kg	☼	09/27/25 08:58	09/30/25 22:03	1
Ethylene Dibromide	0.00087	U	0.00087	0.00044	mg/Kg	☼	09/27/25 08:58	09/30/25 22:03	1
Isopropylbenzene	0.00087	U	0.00087	0.00025	mg/Kg	☼	09/27/25 08:58	09/30/25 22:03	1
Methyl acetate	0.0043	U	0.0043	0.0037	mg/Kg	☼	09/27/25 08:58	09/30/25 22:03	1
Methyl tert-butyl ether	0.00087	U	0.00087	0.00044	mg/Kg	☼	09/27/25 08:58	09/30/25 22:03	1
Methylcyclohexane	0.00087	U	0.00087	0.00043	mg/Kg	☼	09/27/25 08:58	09/30/25 22:03	1
Methylene Chloride	**0.0025**		0.0017	0.0010	mg/Kg	☼	09/27/25 08:58	09/30/25 22:03	1
m-Xylene & p-Xylene	0.00087	U	0.00087	0.00037	mg/Kg	☼	09/27/25 08:58	09/30/25 22:03	1
n-Butylbenzene	0.00087	U	0.00087	0.00026	mg/Kg	☼	09/27/25 08:58	09/30/25 22:03	1
N-Propylbenzene	0.00087	U	0.00087	0.00039	mg/Kg	☼	09/27/25 08:58	09/30/25 22:03	1
o-Xylene	0.00087	U	0.00087	0.00040	mg/Kg	☼	09/27/25 08:58	09/30/25 22:03	1
sec-Butylbenzene	0.00087	U	0.00087	0.00025	mg/Kg	☼	09/27/25 08:58	09/30/25 22:03	1
Styrene	0.00087	U	0.00087	0.00024	mg/Kg	☼	09/27/25 08:58	09/30/25 22:03	1
tert-Butylbenzene	0.00087	U	0.00087	0.00024	mg/Kg	☼	09/27/25 08:58	09/30/25 22:03	1
Tetrachloroethene	0.00087	U	0.00087	0.00027	mg/Kg	☼	09/27/25 08:58	09/30/25 22:03	1
Toluene	0.00087	U	0.00087	0.00020	mg/Kg	☼	09/27/25 08:58	09/30/25 22:03	1
trans-1,2-Dichloroethene	0.00087	U	0.00087	0.00021	mg/Kg	☼	09/27/25 08:58	09/30/25 22:03	1
trans-1,3-Dichloropropene	0.00087	U	0.00087	0.00023	mg/Kg	☼	09/27/25 08:58	09/30/25 22:03	1
Trichloroethene	0.00087	U	0.00087	0.00028	mg/Kg	☼	09/27/25 08:58	09/30/25 22:03	1
Trichlorofluoromethane	0.00087	U	0.00087	0.00035	mg/Kg	☼	09/27/25 08:58	09/30/25 22:03	1
Vinyl chloride	0.00087	U	0.00087	0.00047	mg/Kg	☼	09/27/25 08:58	09/30/25 22:03	1
Xylenes, Total	0.0017	U	0.0017	0.00015	mg/Kg	☼	09/27/25 08:58	09/30/25 22:03	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,2-Dichloroethane-d4 (Surr)	*131*		*65 - 138*	*09/27/25 08:58*	*09/30/25 22:03*	*1*
4-Bromofluorobenzene	*114*		*71 - 128*	*09/27/25 08:58*	*09/30/25 22:03*	*1*
Dibromofluoromethane (Surr)	*124*		*50 - 150*	*09/27/25 08:58*	*09/30/25 22:03*	*1*
Toluene-d8 (Surr)	*114*		*71 - 126*	*09/27/25 08:58*	*09/30/25 22:03*	*1*

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Percent Moisture (EPA Moisture)	**9.1**		1.0	1.0	%			09/28/25 21:10	1
Percent Solids (EPA Moisture)	**90.9**		1.0	1.0	%			09/28/25 21:10	1

Client: Haley & Aldrich, Inc.
Project/Site: Former Port Mobil

Job ID: 460-335747-1

Client Sample ID: 54C2_2-3
Date Collected: 09/25/25 13:30
Date Received: 09/25/25 16:10

Lab Sample ID: 460-335747-45
Matrix: Solid
Percent Solids: 90.5

Method: SW846 8260D - Volatile Organic Compounds by GC/MS

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1-Trichloroethane	0.00089	U	0.00089	0.00021	mg/Kg	☼	09/27/25 08:58	09/30/25 22:27	1
1,1,2,2-Tetrachloroethane	0.00089	U	0.00089	0.00046	mg/Kg	☼	09/27/25 08:58	09/30/25 22:27	1
1,1,2-Trichloro-1,2,2-trifluoroethane	0.00089	U	0.00089	0.00027	mg/Kg	☼	09/27/25 08:58	09/30/25 22:27	1
1,1,2-Trichloroethane	0.00089	U	0.00089	0.00054	mg/Kg	☼	09/27/25 08:58	09/30/25 22:27	1
1,1-Dichloroethane	0.00089	U	0.00089	0.00053	mg/Kg	☼	09/27/25 08:58	09/30/25 22:27	1
1,1-Dichloroethene	0.00089	U	0.00089	0.00020	mg/Kg	☼	09/27/25 08:58	09/30/25 22:27	1
1,2,3-Trichlorobenzene	0.00089	U	0.00089	0.00066	mg/Kg	☼	09/27/25 08:58	09/30/25 22:27	1
1,2,4-Trichlorobenzene	0.00089	U	0.00089	0.00032	mg/Kg	☼	09/27/25 08:58	09/30/25 22:27	1
1,2,4-Trimethylbenzene	0.00089	U	0.00089	0.00022	mg/Kg	☼	09/27/25 08:58	09/30/25 22:27	1
1,2-Dibromo-3-Chloropropane	0.00089	U	0.00089	0.00041	mg/Kg	☼	09/27/25 08:58	09/30/25 22:27	1
1,2-Dichlorobenzene	0.00089	U	0.00089	0.00032	mg/Kg	☼	09/27/25 08:58	09/30/25 22:27	1
1,2-Dichloroethane	0.00089	U	0.00089	0.00026	mg/Kg	☼	09/27/25 08:58	09/30/25 22:27	1
1,2-Dichloropropane	0.00089	U	0.00089	0.00038	mg/Kg	☼	09/27/25 08:58	09/30/25 22:27	1
1,3,5-Trimethylbenzene	0.00089	U	0.00089	0.00028	mg/Kg	☼	09/27/25 08:58	09/30/25 22:27	1
1,3-Dichlorobenzene	0.00089	U	0.00089	0.00032	mg/Kg	☼	09/27/25 08:58	09/30/25 22:27	1
1,4-Dichlorobenzene	0.00089	U	0.00089	0.00046	mg/Kg	☼	09/27/25 08:58	09/30/25 22:27	1
2-Butanone (MEK)	0.0045	U	0.0045	0.00033	mg/Kg	☼	09/27/25 08:58	09/30/25 22:27	1
2-Hexanone	0.0045	U	0.0045	0.0015	mg/Kg	☼	09/27/25 08:58	09/30/25 22:27	1
4-Methyl-2-pentanone (MIBK)	0.0045	U	0.0045	0.0014	mg/Kg	☼	09/27/25 08:58	09/30/25 22:27	1
Acetone	0.0053	U	0.0053	0.0051	mg/Kg	☼	09/27/25 08:58	09/30/25 22:27	1
Benzene	0.00089	U	0.00089	0.00050	mg/Kg	☼	09/27/25 08:58	09/30/25 22:27	1
Bromoform	0.00089	U	0.00089	0.00038	mg/Kg	☼	09/27/25 08:58	09/30/25 22:27	1
Bromomethane	0.0018	U	0.0018	0.00089	mg/Kg	☼	09/27/25 08:58	09/30/25 22:27	1
Carbon disulfide	0.00089	U	0.00089	0.00024	mg/Kg	☼	09/27/25 08:58	09/30/25 22:27	1
Carbon tetrachloride	0.00089	U	0.00089	0.00034	mg/Kg	☼	09/27/25 08:58	09/30/25 22:27	1
Chlorobenzene	0.00089	U	0.00089	0.00045	mg/Kg	☼	09/27/25 08:58	09/30/25 22:27	1
Chlorobromomethane	0.00089	U	0.00089	0.00053	mg/Kg	☼	09/27/25 08:58	09/30/25 22:27	1
Chlorodibromomethane	0.00089	U	0.00089	0.00048	mg/Kg	☼	09/27/25 08:58	09/30/25 22:27	1
Chloroethane	0.00089	U	0.00089	0.00046	mg/Kg	☼	09/27/25 08:58	09/30/25 22:27	1
Chloroform	0.00089	U	0.00089	0.00086	mg/Kg	☼	09/27/25 08:58	09/30/25 22:27	1
Chloromethane	0.00089	U	0.00089	0.00039	mg/Kg	☼	09/27/25 08:58	09/30/25 22:27	1
cis-1,2-Dichloroethene	0.00089	U	0.00089	0.00032	mg/Kg	☼	09/27/25 08:58	09/30/25 22:27	1
cis-1,3-Dichloropropene	0.00089	U	0.00089	0.00024	mg/Kg	☼	09/27/25 08:58	09/30/25 22:27	1
Cyclohexane	0.00089	U	0.00089	0.00020	mg/Kg	☼	09/27/25 08:58	09/30/25 22:27	1
Dichlorobromomethane	0.00089	U	0.00089	0.00023	mg/Kg	☼	09/27/25 08:58	09/30/25 22:27	1
Dichlorodifluoromethane	0.00089	U	0.00089	0.00030	mg/Kg	☼	09/27/25 08:58	09/30/25 22:27	1
Ethylbenzene	0.00089	U	0.00089	0.00042	mg/Kg	☼	09/27/25 08:58	09/30/25 22:27	1
Ethylene Dibromide	0.00089	U	0.00089	0.00045	mg/Kg	☼	09/27/25 08:58	09/30/25 22:27	1
Isopropylbenzene	0.00089	U	0.00089	0.00025	mg/Kg	☼	09/27/25 08:58	09/30/25 22:27	1
Methyl acetate	0.0045	U	0.0045	0.0038	mg/Kg	☼	09/27/25 08:58	09/30/25 22:27	1
Methyl tert-butyl ether	0.00089	U	0.00089	0.00046	mg/Kg	☼	09/27/25 08:58	09/30/25 22:27	1
Methylcyclohexane	0.00089	U	0.00089	0.00044	mg/Kg	☼	09/27/25 08:58	09/30/25 22:27	1
Methylene Chloride	**0.0032**		0.0018	0.0010	mg/Kg	☼	09/27/25 08:58	09/30/25 22:27	1
m-Xylene & p-Xylene	0.00089	U	0.00089	0.00038	mg/Kg	☼	09/27/25 08:58	09/30/25 22:27	1
n-Butylbenzene	0.00089	U	0.00089	0.00026	mg/Kg	☼	09/27/25 08:58	09/30/25 22:27	1
N-Propylbenzene	0.00089	U	0.00089	0.00040	mg/Kg	☼	09/27/25 08:58	09/30/25 22:27	1
o-Xylene	0.00089	U	0.00089	0.00041	mg/Kg	☼	09/27/25 08:58	09/30/25 22:27	1
sec-Butylbenzene	0.00089	U	0.00089	0.00026	mg/Kg	☼	09/27/25 08:58	09/30/25 22:27	1
Styrene	0.00089	U	0.00089	0.00025	mg/Kg	☼	09/27/25 08:58	09/30/25 22:27	1

Client Sample ID: 54C2_2-3

Lab Sample ID: 460-335747-45

Date Collected: 09/25/25 13:30
Matrix: Solid
Date Received: 09/25/25 16:10
Percent Solids: 90.5

Method: SW846 8260D - Volatile Organic Compounds by GC/MS (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
tert-Butylbenzene	0.00089	U	0.00089	0.00025	mg/Kg	☼	09/27/25 08:58	09/30/25 22:27	1
Tetrachloroethene	0.00089	U	0.00089	0.00027	mg/Kg	☼	09/27/25 08:58	09/30/25 22:27	1
Toluene	0.00089	U	0.00089	0.00021	mg/Kg	☼	09/27/25 08:58	09/30/25 22:27	1
trans-1,2-Dichloroethene	0.00089	U	0.00089	0.00022	mg/Kg	☼	09/27/25 08:58	09/30/25 22:27	1
trans-1,3-Dichloropropene	0.00089	U	0.00089	0.00024	mg/Kg	☼	09/27/25 08:58	09/30/25 22:27	1
Trichloroethene	0.00089	U	0.00089	0.00029	mg/Kg	☼	09/27/25 08:58	09/30/25 22:27	1
Trichlorofluoromethane	0.00089	U	0.00089	0.00036	mg/Kg	☼	09/27/25 08:58	09/30/25 22:27	1
Vinyl chloride	0.00089	U	0.00089	0.00049	mg/Kg	☼	09/27/25 08:58	09/30/25 22:27	1
Xylenes, Total	0.0018	U	0.0018	0.00015	mg/Kg	☼	09/27/25 08:58	09/30/25 22:27	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,2-Dichloroethane-d4 (Surr)	*122*		*65 - 138*	*09/27/25 08:58*	*09/30/25 22:27*	*1*
4-Bromofluorobenzene	*106*		*71 - 128*	*09/27/25 08:58*	*09/30/25 22:27*	*1*
Dibromofluoromethane (Surr)	*118*		*50 - 150*	*09/27/25 08:58*	*09/30/25 22:27*	*1*
Toluene-d8 (Surr)	*108*		*71 - 126*	*09/27/25 08:58*	*09/30/25 22:27*	*1*

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Percent Moisture (EPA Moisture)	**9.5**		1.0	1.0	%			09/28/25 21:10	1
Percent Solids (EPA Moisture)	**90.5**		1.0	1.0	%			09/28/25 21:10	1

Client Sample ID: 54C1_3-4

Lab Sample ID: 460-335747-46

Date Collected: 09/25/25 13:35
Matrix: Solid
Date Received: 09/25/25 16:10
Percent Solids: 92.2

Method: SW846 8260D - Volatile Organic Compounds by GC/MS

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1-Trichloroethane	0.00086	U	0.00086	0.00020	mg/Kg	☼	09/27/25 08:58	09/30/25 13:23	1
1,1,2,2-Tetrachloroethane	0.00086	U	0.00086	0.00045	mg/Kg	☼	09/27/25 08:58	09/30/25 13:23	1
1,1,2-Trichloro-1,2,2-trifluoroethane	0.00086	U	0.00086	0.00026	mg/Kg	☼	09/27/25 08:58	09/30/25 13:23	1
1,1,2-Trichloroethane	0.00086	U	0.00086	0.00052	mg/Kg	☼	09/27/25 08:58	09/30/25 13:23	1
1,1-Dichloroethane	0.00086	U	0.00086	0.00052	mg/Kg	☼	09/27/25 08:58	09/30/25 13:23	1
1,1-Dichloroethene	0.00086	U	0.00086	0.00019	mg/Kg	☼	09/27/25 08:58	09/30/25 13:23	1
1,2,3-Trichlorobenzene	0.00086	U	0.00086	0.00064	mg/Kg	☼	09/27/25 08:58	09/30/25 13:23	1
1,2,4-Trichlorobenzene	0.00086	U	0.00086	0.00031	mg/Kg	☼	09/27/25 08:58	09/30/25 13:23	1
1,2,4-Trimethylbenzene	0.00086	U	0.00086	0.00021	mg/Kg	☼	09/27/25 08:58	09/30/25 13:23	1
1,2-Dibromo-3-Chloropropane	0.00086	U	0.00086	0.00040	mg/Kg	☼	09/27/25 08:58	09/30/25 13:23	1
1,2-Dichlorobenzene	0.00086	U	0.00086	0.00031	mg/Kg	☼	09/27/25 08:58	09/30/25 13:23	1
1,2-Dichloroethane	0.00086	U	0.00086	0.00026	mg/Kg	☼	09/27/25 08:58	09/30/25 13:23	1
1,2-Dichloropropane	0.00086	U	0.00086	0.00037	mg/Kg	☼	09/27/25 08:58	09/30/25 13:23	1
1,3,5-Trimethylbenzene	0.00086	U	0.00086	0.00027	mg/Kg	☼	09/27/25 08:58	09/30/25 13:23	1
1,3-Dichlorobenzene	0.00086	U	0.00086	0.00032	mg/Kg	☼	09/27/25 08:58	09/30/25 13:23	1
1,4-Dichlorobenzene	0.00086	U	0.00086	0.00045	mg/Kg	☼	09/27/25 08:58	09/30/25 13:23	1
2-Butanone (MEK)	0.0043	U	0.0043	0.00032	mg/Kg	☼	09/27/25 08:58	09/30/25 13:23	1
2-Hexanone	0.0043	U	0.0043	0.0015	mg/Kg	☼	09/27/25 08:58	09/30/25 13:23	1
4-Methyl-2-pentanone (MIBK)	0.0043	U	0.0043	0.0013	mg/Kg	☼	09/27/25 08:58	09/30/25 13:23	1
Acetone	0.0052	U	0.0052	0.0049	mg/Kg	☼	09/27/25 08:58	09/30/25 13:23	1
Benzene	0.00086	U	0.00086	0.00049	mg/Kg	☼	09/27/25 08:58	09/30/25 13:23	1
Bromoform	0.00086	U *	0.00086	0.00037	mg/Kg	☼	09/27/25 08:58	09/30/25 13:23	1
Bromomethane	0.0017	U	0.0017	0.00086	mg/Kg	☼	09/27/25 08:58	09/30/25 13:23	1

Client Sample ID: 54C1_3-4
Date Collected: 09/25/25 13:35
Date Received: 09/25/25 16:10

Lab Sample ID: 460-335747-46
Matrix: Solid
Percent Solids: 92.2

Method: SW846 8260D - Volatile Organic Compounds by GC/MS (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Carbon disulfide	0.00086	U	0.00086	0.00023	mg/Kg	☼	09/27/25 08:58	09/30/25 13:23	1
Carbon tetrachloride	0.00086	U	0.00086	0.00033	mg/Kg	☼	09/27/25 08:58	09/30/25 13:23	1
Chlorobenzene	0.00086	U	0.00086	0.00044	mg/Kg	☼	09/27/25 08:58	09/30/25 13:23	1
Chlorobromomethane	0.00086	U	0.00086	0.00051	mg/Kg	☼	09/27/25 08:58	09/30/25 13:23	1
Chlorodibromomethane	0.00086	U *	0.00086	0.00046	mg/Kg	☼	09/27/25 08:58	09/30/25 13:23	1
Chloroethane	0.00086	U	0.00086	0.00045	mg/Kg	☼	09/27/25 08:58	09/30/25 13:23	1
Chloroform	0.00086	U	0.00086	0.00084	mg/Kg	☼	09/27/25 08:58	09/30/25 13:23	1
Chloromethane	0.00086	U	0.00086	0.00038	mg/Kg	☼	09/27/25 08:58	09/30/25 13:23	1
cis-1,2-Dichloroethene	0.00086	U	0.00086	0.00031	mg/Kg	☼	09/27/25 08:58	09/30/25 13:23	1
cis-1,3-Dichloropropene	0.00086	U	0.00086	0.00024	mg/Kg	☼	09/27/25 08:58	09/30/25 13:23	1
Cyclohexane	0.00086	U	0.00086	0.00019	mg/Kg	☼	09/27/25 08:58	09/30/25 13:23	1
Dichlorobromomethane	0.00086	U	0.00086	0.00022	mg/Kg	☼	09/27/25 08:58	09/30/25 13:23	1
Dichlorodifluoromethane	0.00086	U	0.00086	0.00029	mg/Kg	☼	09/27/25 08:58	09/30/25 13:23	1
Ethylbenzene	0.00086	U	0.00086	0.00040	mg/Kg	☼	09/27/25 08:58	09/30/25 13:23	1
Ethylene Dibromide	0.00086	U	0.00086	0.00044	mg/Kg	☼	09/27/25 08:58	09/30/25 13:23	1
Isopropylbenzene	0.00086	U	0.00086	0.00025	mg/Kg	☼	09/27/25 08:58	09/30/25 13:23	1
Methyl acetate	0.0043	U *	0.0043	0.0037	mg/Kg	☼	09/27/25 08:58	09/30/25 13:23	1
Methyl tert-butyl ether	0.00086	U	0.00086	0.00044	mg/Kg	☼	09/27/25 08:58	09/30/25 13:23	1
Methylcyclohexane	0.00086	U	0.00086	0.00043	mg/Kg	☼	09/27/25 08:58	09/30/25 13:23	1
Methylene Chloride	**0.0031**		0.0017	0.00099	mg/Kg	☼	09/27/25 08:58	09/30/25 13:23	1
m-Xylene & p-Xylene	0.00086	U	0.00086	0.00037	mg/Kg	☼	09/27/25 08:58	09/30/25 13:23	1
n-Butylbenzene	0.00086	U	0.00086	0.00025	mg/Kg	☼	09/27/25 08:58	09/30/25 13:23	1
N-Propylbenzene	0.00086	U	0.00086	0.00039	mg/Kg	☼	09/27/25 08:58	09/30/25 13:23	1
o-Xylene	0.00086	U	0.00086	0.00040	mg/Kg	☼	09/27/25 08:58	09/30/25 13:23	1
sec-Butylbenzene	0.00086	U	0.00086	0.00025	mg/Kg	☼	09/27/25 08:58	09/30/25 13:23	1
Styrene	0.00086	U	0.00086	0.00024	mg/Kg	☼	09/27/25 08:58	09/30/25 13:23	1
tert-Butylbenzene	0.00086	U	0.00086	0.00024	mg/Kg	☼	09/27/25 08:58	09/30/25 13:23	1
Tetrachloroethene	0.00086	U	0.00086	0.00026	mg/Kg	☼	09/27/25 08:58	09/30/25 13:23	1
Toluene	0.00086	U	0.00086	0.00020	mg/Kg	☼	09/27/25 08:58	09/30/25 13:23	1
trans-1,2-Dichloroethene	0.00086	U	0.00086	0.00021	mg/Kg	☼	09/27/25 08:58	09/30/25 13:23	1
trans-1,3-Dichloropropene	0.00086	U	0.00086	0.00023	mg/Kg	☼	09/27/25 08:58	09/30/25 13:23	1
Trichloroethene	0.00086	U	0.00086	0.00028	mg/Kg	☼	09/27/25 08:58	09/30/25 13:23	1
Trichlorofluoromethane	0.00086	U	0.00086	0.00035	mg/Kg	☼	09/27/25 08:58	09/30/25 13:23	1
Vinyl chloride	0.00086	U	0.00086	0.00047	mg/Kg	☼	09/27/25 08:58	09/30/25 13:23	1
Xylenes, Total	0.0017	U	0.0017	0.00015	mg/Kg	☼	09/27/25 08:58	09/30/25 13:23	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,2-Dichloroethane-d4 (Surr)	*108*		*65 - 138*	*09/27/25 08:58*	*09/30/25 13:23*	*1*
4-Bromofluorobenzene	*95*		*71 - 128*	*09/27/25 08:58*	*09/30/25 13:23*	*1*
Dibromofluoromethane (Surr)	*98*		*50 - 150*	*09/27/25 08:58*	*09/30/25 13:23*	*1*
Toluene-d8 (Surr)	*103*		*71 - 126*	*09/27/25 08:58*	*09/30/25 13:23*	*1*

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Percent Moisture (EPA Moisture)	**7.8**		1.0	1.0	%			09/28/25 21:10	1
Percent Solids (EPA Moisture)	**92.2**		1.0	1.0	%			09/28/25 21:10	1

Client: Haley & Aldrich, Inc.
Project/Site: Former Port Mobil

Job ID: 460-335747-1

Client Sample ID: 54C2_6-7
Date Collected: 09/25/25 13:40
Date Received: 09/25/25 16:10

Lab Sample ID: 460-335747-47
Matrix: Solid
Percent Solids: 88.1

Method: SW846 8260D - Volatile Organic Compounds by GC/MS

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1-Trichloroethane	0.00038	U	0.00038	0.000088	mg/Kg	☼	09/27/25 08:59	09/30/25 13:49	1
1,1,2,2-Tetrachloroethane	0.00038	U	0.00038	0.00020	mg/Kg	☼	09/27/25 08:59	09/30/25 13:49	1
1,1,2-Trichloro-1,2,2-trifluoroethane	0.00038	U	0.00038	0.00011	mg/Kg	☼	09/27/25 08:59	09/30/25 13:49	1
1,1,2-Trichloroethane	0.00038	U	0.00038	0.00023	mg/Kg	☼	09/27/25 08:59	09/30/25 13:49	1
1,1-Dichloroethane	0.00038	U	0.00038	0.00022	mg/Kg	☼	09/27/25 08:59	09/30/25 13:49	1
1,1-Dichloroethene	0.00038	U	0.00038	0.000085	mg/Kg	☼	09/27/25 08:59	09/30/25 13:49	1
1,2,3-Trichlorobenzene	0.00038	U	0.00038	0.00028	mg/Kg	☼	09/27/25 08:59	09/30/25 13:49	1
1,2,4-Trichlorobenzene	0.00038	U	0.00038	0.00013	mg/Kg	☼	09/27/25 08:59	09/30/25 13:49	1
1,2,4-Trimethylbenzene	0.00038	U	0.00038	0.000093	mg/Kg	☼	09/27/25 08:59	09/30/25 13:49	1
1,2-Dibromo-3-Chloropropane	0.00038	U	0.00038	0.00017	mg/Kg	☼	09/27/25 08:59	09/30/25 13:49	1
1,2-Dichlorobenzene	0.00038	U	0.00038	0.00014	mg/Kg	☼	09/27/25 08:59	09/30/25 13:49	1
1,2-Dichloroethane	0.00038	U	0.00038	0.00011	mg/Kg	☼	09/27/25 08:59	09/30/25 13:49	1
1,2-Dichloropropane	0.00038	U	0.00038	0.00016	mg/Kg	☼	09/27/25 08:59	09/30/25 13:49	1
1,3,5-Trimethylbenzene	0.00038	U	0.00038	0.00012	mg/Kg	☼	09/27/25 08:59	09/30/25 13:49	1
1,3-Dichlorobenzene	0.00038	U	0.00038	0.00014	mg/Kg	☼	09/27/25 08:59	09/30/25 13:49	1
1,4-Dichlorobenzene	0.00038	U	0.00038	0.00020	mg/Kg	☼	09/27/25 08:59	09/30/25 13:49	1
2-Butanone (MEK)	0.0019	U	0.0019	0.00014	mg/Kg	☼	09/27/25 08:59	09/30/25 13:49	1
2-Hexanone	0.0019	U	0.0019	0.00064	mg/Kg	☼	09/27/25 08:59	09/30/25 13:49	1
4-Methyl-2-pentanone (MIBK)	0.0019	U	0.0019	0.00059	mg/Kg	☼	09/27/25 08:59	09/30/25 13:49	1
Acetone	**0.0040**		0.0023	0.0022	mg/Kg	☼	09/27/25 08:59	09/30/25 13:49	1
Benzene	0.00038	U	0.00038	0.00021	mg/Kg	☼	09/27/25 08:59	09/30/25 13:49	1
Bromoform	0.00038	U *	0.00038	0.00016	mg/Kg	☼	09/27/25 08:59	09/30/25 13:49	1
Bromomethane	0.00075	U	0.00075	0.00038	mg/Kg	☼	09/27/25 08:59	09/30/25 13:49	1
Carbon disulfide	0.00038	U	0.00038	0.00010	mg/Kg	☼	09/27/25 08:59	09/30/25 13:49	1
Carbon tetrachloride	0.00038	U	0.00038	0.00015	mg/Kg	☼	09/27/25 08:59	09/30/25 13:49	1
Chlorobenzene	0.00038	U	0.00038	0.00019	mg/Kg	☼	09/27/25 08:59	09/30/25 13:49	1
Chlorobromomethane	0.00038	U	0.00038	0.00022	mg/Kg	☼	09/27/25 08:59	09/30/25 13:49	1
Chlorodibromomethane	0.00038	U *	0.00038	0.00020	mg/Kg	☼	09/27/25 08:59	09/30/25 13:49	1
Chloroethane	0.00038	U	0.00038	0.00020	mg/Kg	☼	09/27/25 08:59	09/30/25 13:49	1
Chloroform	0.00038	U	0.00038	0.00037	mg/Kg	☼	09/27/25 08:59	09/30/25 13:49	1
Chloromethane	0.00038	U	0.00038	0.00016	mg/Kg	☼	09/27/25 08:59	09/30/25 13:49	1
cis-1,2-Dichloroethene	0.00038	U	0.00038	0.00013	mg/Kg	☼	09/27/25 08:59	09/30/25 13:49	1
cis-1,3-Dichloropropene	0.00038	U	0.00038	0.00010	mg/Kg	☼	09/27/25 08:59	09/30/25 13:49	1
Cyclohexane	0.00038	U	0.00038	0.000083	mg/Kg	☼	09/27/25 08:59	09/30/25 13:49	1
Dichlorobromomethane	0.00038	U	0.00038	0.000097	mg/Kg	☼	09/27/25 08:59	09/30/25 13:49	1
Dichlorodifluoromethane	0.00038	U	0.00038	0.00013	mg/Kg	☼	09/27/25 08:59	09/30/25 13:49	1
Ethylbenzene	0.00038	U	0.00038	0.00018	mg/Kg	☼	09/27/25 08:59	09/30/25 13:49	1
Ethylene Dibromide	0.00038	U	0.00038	0.00019	mg/Kg	☼	09/27/25 08:59	09/30/25 13:49	1
Isopropylbenzene	0.00038	U	0.00038	0.00011	mg/Kg	☼	09/27/25 08:59	09/30/25 13:49	1
Methyl acetate	0.0019	U *	0.0019	0.0016	mg/Kg	☼	09/27/25 08:59	09/30/25 13:49	1
Methyl tert-butyl ether	0.00038	U	0.00038	0.00019	mg/Kg	☼	09/27/25 08:59	09/30/25 13:49	1
Methylcyclohexane	0.00038	U	0.00038	0.00019	mg/Kg	☼	09/27/25 08:59	09/30/25 13:49	1
Methylene Chloride	**0.0063**		0.00075	0.00043	mg/Kg	☼	09/27/25 08:59	09/30/25 13:49	1
m-Xylene & p-Xylene	0.00038	U	0.00038	0.00016	mg/Kg	☼	09/27/25 08:59	09/30/25 13:49	1
n-Butylbenzene	0.00038	U	0.00038	0.00011	mg/Kg	☼	09/27/25 08:59	09/30/25 13:49	1
N-Propylbenzene	0.00038	U	0.00038	0.00017	mg/Kg	☼	09/27/25 08:59	09/30/25 13:49	1
o-Xylene	0.00038	U	0.00038	0.00017	mg/Kg	☼	09/27/25 08:59	09/30/25 13:49	1
sec-Butylbenzene	0.00038	U	0.00038	0.00011	mg/Kg	☼	09/27/25 08:59	09/30/25 13:49	1
Styrene	0.00038	U	0.00038	0.00010	mg/Kg	☼	09/27/25 08:59	09/30/25 13:49	1

Client Sample ID: 54C2_6-7

Lab Sample ID: 460-335747-47
Date Collected: 09/25/25 13:40
Matrix: Solid
Date Received: 09/25/25 16:10
Percent Solids: 88.1

Method: SW846 8260D - Volatile Organic Compounds by GC/MS (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
tert-Butylbenzene	0.00038	U	0.00038	0.00010	mg/Kg	☼	09/27/25 08:59	09/30/25 13:49	1
Tetrachloroethene	0.00038	U	0.00038	0.00011	mg/Kg	☼	09/27/25 08:59	09/30/25 13:49	1
Toluene	0.00038	U	0.00038	0.000088	mg/Kg	☼	09/27/25 08:59	09/30/25 13:49	1
trans-1,2-Dichloroethene	0.00038	U	0.00038	0.000093	mg/Kg	☼	09/27/25 08:59	09/30/25 13:49	1
trans-1,3-Dichloropropene	0.00038	U	0.00038	0.00010	mg/Kg	☼	09/27/25 08:59	09/30/25 13:49	1
Trichloroethene	0.00038	U	0.00038	0.00012	mg/Kg	☼	09/27/25 08:59	09/30/25 13:49	1
Trichlorofluoromethane	0.00038	U	0.00038	0.00015	mg/Kg	☼	09/27/25 08:59	09/30/25 13:49	1
Vinyl chloride	0.00038	U	0.00038	0.00021	mg/Kg	☼	09/27/25 08:59	09/30/25 13:49	1
Xylenes, Total	0.00075	U	0.00075	0.000065	mg/Kg	☼	09/27/25 08:59	09/30/25 13:49	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,2-Dichloroethane-d4 (Surr)	*92*		*65 - 138*	*09/27/25 08:59*	*09/30/25 13:49*	*1*
4-Bromofluorobenzene	*95*		*71 - 128*	*09/27/25 08:59*	*09/30/25 13:49*	*1*
Dibromofluoromethane (Surr)	*93*		*50 - 150*	*09/27/25 08:59*	*09/30/25 13:49*	*1*
Toluene-d8 (Surr)	*105*		*71 - 126*	*09/27/25 08:59*	*09/30/25 13:49*	*1*

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Percent Moisture (EPA Moisture)	**11.9**		1.0	1.0	%			09/28/25 21:10	1
Percent Solids (EPA Moisture)	**88.1**		1.0	1.0	%			09/28/25 21:10	1

Client Sample ID: 54B2_4-5

Lab Sample ID: 460-335747-48
Date Collected: 09/25/25 12:35
Matrix: Solid
Date Received: 09/25/25 16:10
Percent Solids: 84.0

Method: SW846 8260D - Volatile Organic Compounds by GC/MS

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1-Trichloroethane	0.00096	U	0.00096	0.00022	mg/Kg	☼	09/27/25 08:59	09/30/25 14:14	1
1,1,2,2-Tetrachloroethane	0.00096	U	0.00096	0.00050	mg/Kg	☼	09/27/25 08:59	09/30/25 14:14	1
1,1,2-Trichloro-1,2,2-trifluoroethane	0.00096	U	0.00096	0.00029	mg/Kg	☼	09/27/25 08:59	09/30/25 14:14	1
1,1,2-Trichloroethane	0.00096	U	0.00096	0.00058	mg/Kg	☼	09/27/25 08:59	09/30/25 14:14	1
1,1-Dichloroethane	0.00096	U	0.00096	0.00057	mg/Kg	☼	09/27/25 08:59	09/30/25 14:14	1
1,1-Dichloroethene	0.00096	U	0.00096	0.00022	mg/Kg	☼	09/27/25 08:59	09/30/25 14:14	1
1,2,3-Trichlorobenzene	0.00096	U	0.00096	0.00071	mg/Kg	☼	09/27/25 08:59	09/30/25 14:14	1
1,2,4-Trichlorobenzene	0.00096	U	0.00096	0.00034	mg/Kg	☼	09/27/25 08:59	09/30/25 14:14	1
1,2,4-Trimethylbenzene	0.00096	U	0.00096	0.00024	mg/Kg	☼	09/27/25 08:59	09/30/25 14:14	1
1,2-Dibromo-3-Chloropropane	0.00096	U	0.00096	0.00044	mg/Kg	☼	09/27/25 08:59	09/30/25 14:14	1
1,2-Dichlorobenzene	0.00096	U	0.00096	0.00035	mg/Kg	☼	09/27/25 08:59	09/30/25 14:14	1
1,2-Dichloroethane	0.00096	U	0.00096	0.00028	mg/Kg	☼	09/27/25 08:59	09/30/25 14:14	1
1,2-Dichloropropane	0.00096	U	0.00096	0.00041	mg/Kg	☼	09/27/25 08:59	09/30/25 14:14	1
1,3,5-Trimethylbenzene	0.00096	U	0.00096	0.00030	mg/Kg	☼	09/27/25 08:59	09/30/25 14:14	1
1,3-Dichlorobenzene	0.00096	U	0.00096	0.00035	mg/Kg	☼	09/27/25 08:59	09/30/25 14:14	1
1,4-Dichlorobenzene	0.00096	U	0.00096	0.00050	mg/Kg	☼	09/27/25 08:59	09/30/25 14:14	1
2-Butanone (MEK)	0.0048	U	0.0048	0.00035	mg/Kg	☼	09/27/25 08:59	09/30/25 14:14	1
2-Hexanone	0.0048	U	0.0048	0.0016	mg/Kg	☼	09/27/25 08:59	09/30/25 14:14	1
4-Methyl-2-pentanone (MIBK)	0.0048	U	0.0048	0.0015	mg/Kg	☼	09/27/25 08:59	09/30/25 14:14	1
Acetone	0.0058	U	0.0058	0.0055	mg/Kg	☼	09/27/25 08:59	09/30/25 14:14	1
Benzene	0.00096	U	0.00096	0.00055	mg/Kg	☼	09/27/25 08:59	09/30/25 14:14	1
Bromoform	0.00096	U *	0.00096	0.00041	mg/Kg	☼	09/27/25 08:59	09/30/25 14:14	1
Bromomethane	0.0019	U	0.0019	0.00096	mg/Kg	☼	09/27/25 08:59	09/30/25 14:14	1

Client Sample ID: 54B2_4-5
Date Collected: 09/25/25 12:35
Date Received: 09/25/25 16:10

Lab Sample ID: 460-335747-48
Matrix: Solid
Percent Solids: 84.0

Method: SW846 8260D - Volatile Organic Compounds by GC/MS (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Carbon disulfide	0.00096	U	0.00096	0.00026	mg/Kg	☼	09/27/25 08:59	09/30/25 14:14	1
Carbon tetrachloride	0.00096	U	0.00096	0.00037	mg/Kg	☼	09/27/25 08:59	09/30/25 14:14	1
Chlorobenzene	0.00096	U	0.00096	0.00049	mg/Kg	☼	09/27/25 08:59	09/30/25 14:14	1
Chlorobromomethane	0.00096	U	0.00096	0.00057	mg/Kg	☼	09/27/25 08:59	09/30/25 14:14	1
Chlorodibromomethane	0.00096	U *	0.00096	0.00052	mg/Kg	☼	09/27/25 08:59	09/30/25 14:14	1
Chloroethane	0.00096	U	0.00096	0.00050	mg/Kg	☼	09/27/25 08:59	09/30/25 14:14	1
Chloroform	0.00096	U	0.00096	0.00093	mg/Kg	☼	09/27/25 08:59	09/30/25 14:14	1
Chloromethane	0.00096	U	0.00096	0.00042	mg/Kg	☼	09/27/25 08:59	09/30/25 14:14	1
cis-1,2-Dichloroethene	0.00096	U	0.00096	0.00034	mg/Kg	☼	09/27/25 08:59	09/30/25 14:14	1
cis-1,3-Dichloropropene	0.00096	U	0.00096	0.00026	mg/Kg	☼	09/27/25 08:59	09/30/25 14:14	1
Cyclohexane	0.00096	U	0.00096	0.00021	mg/Kg	☼	09/27/25 08:59	09/30/25 14:14	1
Dichlorobromomethane	0.00096	U	0.00096	0.00025	mg/Kg	☼	09/27/25 08:59	09/30/25 14:14	1
Dichlorodifluoromethane	0.00096	U	0.00096	0.00033	mg/Kg	☼	09/27/25 08:59	09/30/25 14:14	1
Ethylbenzene	0.00096	U	0.00096	0.00045	mg/Kg	☼	09/27/25 08:59	09/30/25 14:14	1
Ethylene Dibromide	0.00096	U	0.00096	0.00048	mg/Kg	☼	09/27/25 08:59	09/30/25 14:14	1
Isopropylbenzene	0.00096	U	0.00096	0.00027	mg/Kg	☼	09/27/25 08:59	09/30/25 14:14	1
Methyl acetate	0.0048	U *	0.0048	0.0041	mg/Kg	☼	09/27/25 08:59	09/30/25 14:14	1
Methyl tert-butyl ether	0.00096	U	0.00096	0.00049	mg/Kg	☼	09/27/25 08:59	09/30/25 14:14	1
Methylcyclohexane	0.00096	U	0.00096	0.00048	mg/Kg	☼	09/27/25 08:59	09/30/25 14:14	1
Methylene Chloride	**0.0024**		0.0019	0.0011	mg/Kg	☼	09/27/25 08:59	09/30/25 14:14	1
m-Xylene & p-Xylene	0.00096	U	0.00096	0.00041	mg/Kg	☼	09/27/25 08:59	09/30/25 14:14	1
n-Butylbenzene	0.00096	U	0.00096	0.00028	mg/Kg	☼	09/27/25 08:59	09/30/25 14:14	1
N-Propylbenzene	0.00096	U	0.00096	0.00043	mg/Kg	☼	09/27/25 08:59	09/30/25 14:14	1
o-Xylene	0.00096	U	0.00096	0.00044	mg/Kg	☼	09/27/25 08:59	09/30/25 14:14	1
sec-Butylbenzene	0.00096	U	0.00096	0.00028	mg/Kg	☼	09/27/25 08:59	09/30/25 14:14	1
Styrene	0.00096	U	0.00096	0.00027	mg/Kg	☼	09/27/25 08:59	09/30/25 14:14	1
tert-Butylbenzene	0.00096	U	0.00096	0.00027	mg/Kg	☼	09/27/25 08:59	09/30/25 14:14	1
Tetrachloroethene	0.00096	U	0.00096	0.00029	mg/Kg	☼	09/27/25 08:59	09/30/25 14:14	1
Toluene	0.00096	U	0.00096	0.00023	mg/Kg	☼	09/27/25 08:59	09/30/25 14:14	1
trans-1,2-Dichloroethene	0.00096	U	0.00096	0.00024	mg/Kg	☼	09/27/25 08:59	09/30/25 14:14	1
trans-1,3-Dichloropropene	0.00096	U	0.00096	0.00026	mg/Kg	☼	09/27/25 08:59	09/30/25 14:14	1
Trichloroethene	0.00096	U	0.00096	0.00031	mg/Kg	☼	09/27/25 08:59	09/30/25 14:14	1
Trichlorofluoromethane	0.00096	U	0.00096	0.00039	mg/Kg	☼	09/27/25 08:59	09/30/25 14:14	1
Vinyl chloride	0.00096	U	0.00096	0.00053	mg/Kg	☼	09/27/25 08:59	09/30/25 14:14	1
Xylenes, Total	0.0019	U	0.0019	0.00017	mg/Kg	☼	09/27/25 08:59	09/30/25 14:14	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,2-Dichloroethane-d4 (Surr)	*107*		*65 - 138*	*09/27/25 08:59*	*09/30/25 14:14*	*1*
4-Bromofluorobenzene	*97*		*71 - 128*	*09/27/25 08:59*	*09/30/25 14:14*	*1*
Dibromofluoromethane (Surr)	*98*		*50 - 150*	*09/27/25 08:59*	*09/30/25 14:14*	*1*
Toluene-d8 (Surr)	*103*		*71 - 126*	*09/27/25 08:59*	*09/30/25 14:14*	*1*

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Percent Moisture (EPA Moisture)	**16.0**		1.0	1.0	%			09/28/25 21:10	1
Percent Solids (EPA Moisture)	**84.0**		1.0	1.0	%			09/28/25 21:10	1

Client: Haley & Aldrich, Inc.
Project/Site: Former Port Mobil

Job ID: 460-335747-1

Client Sample ID: 53D3_7-8
Date Collected: 09/25/25 11:20
Date Received: 09/25/25 16:10

Lab Sample ID: 460-335747-49
Matrix: Solid
Percent Solids: 89.1

Method: SW846 8260D - Volatile Organic Compounds by GC/MS

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1-Trichloroethane	0.0016	U	0.0016	0.00038	mg/Kg	☼	09/27/25 08:59	09/30/25 14:38	1
1,1,2,2-Tetrachloroethane	0.0016	U	0.0016	0.00085	mg/Kg	☼	09/27/25 08:59	09/30/25 14:38	1
1,1,2-Trichloro-1,2,2-trifluoroethane	0.0016	U	0.0016	0.00049	mg/Kg	☼	09/27/25 08:59	09/30/25 14:38	1
1,1,2-Trichloroethane	0.0016	U	0.0016	0.00098	mg/Kg	☼	09/27/25 08:59	09/30/25 14:38	1
1,1-Dichloroethane	0.0016	U	0.0016	0.00097	mg/Kg	☼	09/27/25 08:59	09/30/25 14:38	1
1,1-Dichloroethene	0.0016	U	0.0016	0.00037	mg/Kg	☼	09/27/25 08:59	09/30/25 14:38	1
1,2,3-Trichlorobenzene	0.0016	U	0.0016	0.0012	mg/Kg	☼	09/27/25 08:59	09/30/25 14:38	1
1,2,4-Trichlorobenzene	0.0016	U	0.0016	0.00058	mg/Kg	☼	09/27/25 08:59	09/30/25 14:38	1
1,2,4-Trimethylbenzene	0.0016	U	0.0016	0.00040	mg/Kg	☼	09/27/25 08:59	09/30/25 14:38	1
1,2-Dibromo-3-Chloropropane	0.0016	U	0.0016	0.00075	mg/Kg	☼	09/27/25 08:59	09/30/25 14:38	1
1,2-Dichlorobenzene	0.0016	U	0.0016	0.00059	mg/Kg	☼	09/27/25 08:59	09/30/25 14:38	1
1,2-Dichloroethane	0.0016	U	0.0016	0.00048	mg/Kg	☼	09/27/25 08:59	09/30/25 14:38	1
1,2-Dichloropropane	0.0016	U	0.0016	0.00069	mg/Kg	☼	09/27/25 08:59	09/30/25 14:38	1
1,3,5-Trimethylbenzene	0.0016	U	0.0016	0.00051	mg/Kg	☼	09/27/25 08:59	09/30/25 14:38	1
1,3-Dichlorobenzene	0.0016	U	0.0016	0.00059	mg/Kg	☼	09/27/25 08:59	09/30/25 14:38	1
1,4-Dichlorobenzene	0.0016	U	0.0016	0.00084	mg/Kg	☼	09/27/25 08:59	09/30/25 14:38	1
2-Butanone (MEK)	0.0081	U	0.0081	0.00060	mg/Kg	☼	09/27/25 08:59	09/30/25 14:38	1
2-Hexanone	0.0081	U	0.0081	0.0028	mg/Kg	☼	09/27/25 08:59	09/30/25 14:38	1
4-Methyl-2-pentanone (MIBK)	0.0081	U	0.0081	0.0025	mg/Kg	☼	09/27/25 08:59	09/30/25 14:38	1
Acetone	0.0097	U	0.0097	0.0093	mg/Kg	☼	09/27/25 08:59	09/30/25 14:38	1
Benzene	0.0016	U	0.0016	0.00092	mg/Kg	☼	09/27/25 08:59	09/30/25 14:38	1
Bromoform	0.0016	U *	0.0016	0.00069	mg/Kg	☼	09/27/25 08:59	09/30/25 14:38	1
Bromomethane	0.0032	U	0.0032	0.0016	mg/Kg	☼	09/27/25 08:59	09/30/25 14:38	1
Carbon disulfide	0.0016	U	0.0016	0.00043	mg/Kg	☼	09/27/25 08:59	09/30/25 14:38	1
Carbon tetrachloride	0.0016	U	0.0016	0.00063	mg/Kg	☼	09/27/25 08:59	09/30/25 14:38	1
Chlorobenzene	0.0016	U	0.0016	0.00082	mg/Kg	☼	09/27/25 08:59	09/30/25 14:38	1
Chlorobromomethane	0.0016	U	0.0016	0.00097	mg/Kg	☼	09/27/25 08:59	09/30/25 14:38	1
Chlorodibromomethane	0.0016	U *	0.0016	0.00087	mg/Kg	☼	09/27/25 08:59	09/30/25 14:38	1
Chloroethane	0.0016	U	0.0016	0.00085	mg/Kg	☼	09/27/25 08:59	09/30/25 14:38	1
Chloroform	0.0016	U	0.0016	0.0016	mg/Kg	☼	09/27/25 08:59	09/30/25 14:38	1
Chloromethane	0.0016	U	0.0016	0.00071	mg/Kg	☼	09/27/25 08:59	09/30/25 14:38	1
cis-1,2-Dichloroethene	0.0016	U	0.0016	0.00058	mg/Kg	☼	09/27/25 08:59	09/30/25 14:38	1
cis-1,3-Dichloropropene	0.0016	U	0.0016	0.00044	mg/Kg	☼	09/27/25 08:59	09/30/25 14:38	1
Cyclohexane	0.0016	U	0.0016	0.00036	mg/Kg	☼	09/27/25 08:59	09/30/25 14:38	1
Dichlorobromomethane	0.0016	U	0.0016	0.00042	mg/Kg	☼	09/27/25 08:59	09/30/25 14:38	1
Dichlorodifluoromethane	0.0016	U	0.0016	0.00055	mg/Kg	☼	09/27/25 08:59	09/30/25 14:38	1
Ethylbenzene	0.0016	U	0.0016	0.00076	mg/Kg	☼	09/27/25 08:59	09/30/25 14:38	1
Ethylene Dibromide	0.0016	U	0.0016	0.00082	mg/Kg	☼	09/27/25 08:59	09/30/25 14:38	1
Isopropylbenzene	0.0016	U	0.0016	0.00046	mg/Kg	☼	09/27/25 08:59	09/30/25 14:38	1
Methyl acetate	0.0081	U *	0.0081	0.0070	mg/Kg	☼	09/27/25 08:59	09/30/25 14:38	1
Methyl tert-butyl ether	0.0016	U	0.0016	0.00083	mg/Kg	☼	09/27/25 08:59	09/30/25 14:38	1
Methylcyclohexane	0.0016	U	0.0016	0.00081	mg/Kg	☼	09/27/25 08:59	09/30/25 14:38	1
Methylene Chloride	**0.0042**		0.0032	0.0019	mg/Kg	☼	09/27/25 08:59	09/30/25 14:38	1
m-Xylene & p-Xylene	0.0016	U	0.0016	0.00069	mg/Kg	☼	09/27/25 08:59	09/30/25 14:38	1
n-Butylbenzene	0.0016	U	0.0016	0.00048	mg/Kg	☼	09/27/25 08:59	09/30/25 14:38	1
N-Propylbenzene	0.0016	U	0.0016	0.00073	mg/Kg	☼	09/27/25 08:59	09/30/25 14:38	1
o-Xylene	0.0016	U	0.0016	0.00075	mg/Kg	☼	09/27/25 08:59	09/30/25 14:38	1
sec-Butylbenzene	0.0016	U	0.0016	0.00047	mg/Kg	☼	09/27/25 08:59	09/30/25 14:38	1
Styrene	0.0016	U	0.0016	0.00045	mg/Kg	☼	09/27/25 08:59	09/30/25 14:38	1

Client Sample ID: 53D3_7-8

Lab Sample ID: 460-335747-49

Date Collected: 09/25/25 11:20
Matrix: Solid
Date Received: 09/25/25 16:10
Percent Solids: 89.1

Method: SW846 8260D - Volatile Organic Compounds by GC/MS (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
tert-Butylbenzene	0.0016	U	0.0016	0.00045	mg/Kg	☼	09/27/25 08:59	09/30/25 14:38	1
Tetrachloroethene	0.0016	U	0.0016	0.00050	mg/Kg	☼	09/27/25 08:59	09/30/25 14:38	1
Toluene	0.0016	U	0.0016	0.00038	mg/Kg	☼	09/27/25 08:59	09/30/25 14:38	1
trans-1,2-Dichloroethene	0.0016	U	0.0016	0.00040	mg/Kg	☼	09/27/25 08:59	09/30/25 14:38	1
trans-1,3-Dichloropropene	0.0016	U	0.0016	0.00043	mg/Kg	☼	09/27/25 08:59	09/30/25 14:38	1
Trichloroethene	0.0016	U	0.0016	0.00052	mg/Kg	☼	09/27/25 08:59	09/30/25 14:38	1
Trichlorofluoromethane	0.0016	U	0.0016	0.00066	mg/Kg	☼	09/27/25 08:59	09/30/25 14:38	1
Vinyl chloride	0.0016	U	0.0016	0.00089	mg/Kg	☼	09/27/25 08:59	09/30/25 14:38	1
Xylenes, Total	0.0032	U	0.0032	0.00028	mg/Kg	☼	09/27/25 08:59	09/30/25 14:38	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,2-Dichloroethane-d4 (Surr)	*105*		*65 - 138*	*09/27/25 08:59*	*09/30/25 14:38*	*1*
4-Bromofluorobenzene	*97*		*71 - 128*	*09/27/25 08:59*	*09/30/25 14:38*	*1*
Dibromofluoromethane (Surr)	*96*		*50 - 150*	*09/27/25 08:59*	*09/30/25 14:38*	*1*
Toluene-d8 (Surr)	*102*		*71 - 126*	*09/27/25 08:59*	*09/30/25 14:38*	*1*

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Percent Moisture (EPA Moisture)	**10.9**		1.0	1.0	%			09/28/25 21:10	1
Percent Solids (EPA Moisture)	**89.1**		1.0	1.0	%			09/28/25 21:10	1

Client Sample ID: 53D1_0-1

Lab Sample ID: 460-335747-50

Date Collected: 09/25/25 11:25
Matrix: Solid
Date Received: 09/25/25 16:10
Percent Solids: 91.7

Method: SW846 8260D - Volatile Organic Compounds by GC/MS

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1-Trichloroethane	0.0011	U	0.0011	0.00025	mg/Kg	☼	09/27/25 09:00	09/30/25 15:04	1
1,1,2,2-Tetrachloroethane	0.0011	U	0.0011	0.00056	mg/Kg	☼	09/27/25 09:00	09/30/25 15:04	1
1,1,2-Trichloro-1,2,2-trifluoroethane	0.0011	U	0.0011	0.00032	mg/Kg	☼	09/27/25 09:00	09/30/25 15:04	1
1,1,2-Trichloroethane	0.0011	U	0.0011	0.00064	mg/Kg	☼	09/27/25 09:00	09/30/25 15:04	1
1,1-Dichloroethane	0.0011	U	0.0011	0.00064	mg/Kg	☼	09/27/25 09:00	09/30/25 15:04	1
1,1-Dichloroethene	0.0011	U	0.0011	0.00024	mg/Kg	☼	09/27/25 09:00	09/30/25 15:04	1
1,2,3-Trichlorobenzene	0.0011	U	0.0011	0.00079	mg/Kg	☼	09/27/25 09:00	09/30/25 15:04	1
1,2,4-Trichlorobenzene	0.0011	U	0.0011	0.00038	mg/Kg	☼	09/27/25 09:00	09/30/25 15:04	1
1,2,4-Trimethylbenzene	0.0011	U	0.0011	0.00026	mg/Kg	☼	09/27/25 09:00	09/30/25 15:04	1
1,2-Dibromo-3-Chloropropane	0.0011	U	0.0011	0.00049	mg/Kg	☼	09/27/25 09:00	09/30/25 15:04	1
1,2-Dichlorobenzene	0.0011	U	0.0011	0.00039	mg/Kg	☼	09/27/25 09:00	09/30/25 15:04	1
1,2-Dichloroethane	0.0011	U	0.0011	0.00032	mg/Kg	☼	09/27/25 09:00	09/30/25 15:04	1
1,2-Dichloropropane	0.0011	U	0.0011	0.00045	mg/Kg	☼	09/27/25 09:00	09/30/25 15:04	1
1,3,5-Trimethylbenzene	0.0011	U	0.0011	0.00034	mg/Kg	☼	09/27/25 09:00	09/30/25 15:04	1
1,3-Dichlorobenzene	0.0011	U	0.0011	0.00039	mg/Kg	☼	09/27/25 09:00	09/30/25 15:04	1
1,4-Dichlorobenzene	0.0011	U	0.0011	0.00056	mg/Kg	☼	09/27/25 09:00	09/30/25 15:04	1
2-Butanone (MEK)	0.0054	U	0.0054	0.00039	mg/Kg	☼	09/27/25 09:00	09/30/25 15:04	1
2-Hexanone	0.0054	U	0.0054	0.0018	mg/Kg	☼	09/27/25 09:00	09/30/25 15:04	1
4-Methyl-2-pentanone (MIBK)	0.0054	U	0.0054	0.0017	mg/Kg	☼	09/27/25 09:00	09/30/25 15:04	1
Acetone	0.0064	U	0.0064	0.0061	mg/Kg	☼	09/27/25 09:00	09/30/25 15:04	1
Benzene	0.0011	U	0.0011	0.00061	mg/Kg	☼	09/27/25 09:00	09/30/25 15:04	1
Bromoform	0.0011	U *	0.0011	0.00046	mg/Kg	☼	09/27/25 09:00	09/30/25 15:04	1
Bromomethane	0.0021	U	0.0021	0.0011	mg/Kg	☼	09/27/25 09:00	09/30/25 15:04	1

Client Sample ID: 53D1_0-1
Date Collected: 09/25/25 11:25
Date Received: 09/25/25 16:10

Lab Sample ID: 460-335747-50
Matrix: Solid
Percent Solids: 91.7

Method: SW846 8260D - Volatile Organic Compounds by GC/MS (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Carbon disulfide	0.0011	U	0.0011	0.00028	mg/Kg	☼	09/27/25 09:00	09/30/25 15:04	1
Carbon tetrachloride	0.0011	U	0.0011	0.00041	mg/Kg	☼	09/27/25 09:00	09/30/25 15:04	1
Chlorobenzene	0.0011	U	0.0011	0.00054	mg/Kg	☼	09/27/25 09:00	09/30/25 15:04	1
Chlorobromomethane	0.0011	U	0.0011	0.00064	mg/Kg	☼	09/27/25 09:00	09/30/25 15:04	1
Chlorodibromomethane	0.0011	U *	0.0011	0.00058	mg/Kg	☼	09/27/25 09:00	09/30/25 15:04	1
Chloroethane	0.0011	U	0.0011	0.00056	mg/Kg	☼	09/27/25 09:00	09/30/25 15:04	1
Chloroform	0.0011	U	0.0011	0.0010	mg/Kg	☼	09/27/25 09:00	09/30/25 15:04	1
Chloromethane	0.0011	U	0.0011	0.00047	mg/Kg	☼	09/27/25 09:00	09/30/25 15:04	1
cis-1,2-Dichloroethene	0.0011	U	0.0011	0.00038	mg/Kg	☼	09/27/25 09:00	09/30/25 15:04	1
cis-1,3-Dichloropropene	0.0011	U	0.0011	0.00029	mg/Kg	☼	09/27/25 09:00	09/30/25 15:04	1
Cyclohexane	0.0011	U	0.0011	0.00024	mg/Kg	☼	09/27/25 09:00	09/30/25 15:04	1
Dichlorobromomethane	0.0011	U	0.0011	0.00028	mg/Kg	☼	09/27/25 09:00	09/30/25 15:04	1
Dichlorodifluoromethane	0.0011	U	0.0011	0.00036	mg/Kg	☼	09/27/25 09:00	09/30/25 15:04	1
Ethylbenzene	0.0011	U	0.0011	0.00050	mg/Kg	☼	09/27/25 09:00	09/30/25 15:04	1
Ethylene Dibromide	0.0011	U	0.0011	0.00054	mg/Kg	☼	09/27/25 09:00	09/30/25 15:04	1
Isopropylbenzene	0.0011	U	0.0011	0.00031	mg/Kg	☼	09/27/25 09:00	09/30/25 15:04	1
Methyl acetate	0.0054	U *	0.0054	0.0046	mg/Kg	☼	09/27/25 09:00	09/30/25 15:04	1
Methyl tert-butyl ether	0.0011	U	0.0011	0.00055	mg/Kg	☼	09/27/25 09:00	09/30/25 15:04	1
Methylcyclohexane	0.0011	U	0.0011	0.00053	mg/Kg	☼	09/27/25 09:00	09/30/25 15:04	1
Methylene Chloride	**0.0017**	**J**	0.0021	0.0012	mg/Kg	☼	09/27/25 09:00	09/30/25 15:04	1
m-Xylene & p-Xylene	0.0011	U	0.0011	0.00045	mg/Kg	☼	09/27/25 09:00	09/30/25 15:04	1
n-Butylbenzene	0.0011	U	0.0011	0.00031	mg/Kg	☼	09/27/25 09:00	09/30/25 15:04	1
N-Propylbenzene	0.0011	U	0.0011	0.00048	mg/Kg	☼	09/27/25 09:00	09/30/25 15:04	1
o-Xylene	0.0011	U	0.0011	0.00049	mg/Kg	☼	09/27/25 09:00	09/30/25 15:04	1
sec-Butylbenzene	0.0011	U	0.0011	0.00031	mg/Kg	☼	09/27/25 09:00	09/30/25 15:04	1
Styrene	0.0011	U	0.0011	0.00030	mg/Kg	☼	09/27/25 09:00	09/30/25 15:04	1
tert-Butylbenzene	0.0011	U	0.0011	0.00030	mg/Kg	☼	09/27/25 09:00	09/30/25 15:04	1
Tetrachloroethene	0.0011	U	0.0011	0.00033	mg/Kg	☼	09/27/25 09:00	09/30/25 15:04	1
Toluene	0.0011	U	0.0011	0.00025	mg/Kg	☼	09/27/25 09:00	09/30/25 15:04	1
trans-1,2-Dichloroethene	0.0011	U	0.0011	0.00026	mg/Kg	☼	09/27/25 09:00	09/30/25 15:04	1
trans-1,3-Dichloropropene	0.0011	U	0.0011	0.00028	mg/Kg	☼	09/27/25 09:00	09/30/25 15:04	1
Trichloroethene	0.0011	U	0.0011	0.00034	mg/Kg	☼	09/27/25 09:00	09/30/25 15:04	1
Trichlorofluoromethane	0.0011	U	0.0011	0.00043	mg/Kg	☼	09/27/25 09:00	09/30/25 15:04	1
Vinyl chloride	0.0011	U	0.0011	0.00058	mg/Kg	☼	09/27/25 09:00	09/30/25 15:04	1
Xylenes, Total	0.0021	U	0.0021	0.00019	mg/Kg	☼	09/27/25 09:00	09/30/25 15:04	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,2-Dichloroethane-d4 (Surr)	*106*		*65 - 138*	*09/27/25 09:00*	*09/30/25 15:04*	*1*
4-Bromofluorobenzene	*99*		*71 - 128*	*09/27/25 09:00*	*09/30/25 15:04*	*1*
Dibromofluoromethane (Surr)	*97*		*50 - 150*	*09/27/25 09:00*	*09/30/25 15:04*	*1*
Toluene-d8 (Surr)	*102*		*71 - 126*	*09/27/25 09:00*	*09/30/25 15:04*	*1*

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Percent Moisture (EPA Moisture)	**8.3**		1.0	1.0	%			09/28/25 21:10	1
Percent Solids (EPA Moisture)	**91.7**		1.0	1.0	%			09/28/25 21:10	1

Client Sample ID: 53D2_3-4
Date Collected: 09/25/25 11:30
Date Received: 09/25/25 16:10

Lab Sample ID: 460-335747-51
Matrix: Solid
Percent Solids: 89.1

Method: SW846 8260D - Volatile Organic Compounds by GC/MS

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1-Trichloroethane	0.0014	U	0.0014	0.00032	mg/Kg	☼	09/27/25 09:00	09/30/25 15:29	1
1,1,2,2-Tetrachloroethane	0.0014	U	0.0014	0.00071	mg/Kg	☼	09/27/25 09:00	09/30/25 15:29	1
1,1,2-Trichloro-1,2,2-trifluoroethane	0.0014	U	0.0014	0.00041	mg/Kg	☼	09/27/25 09:00	09/30/25 15:29	1
1,1,2-Trichloroethane	0.0014	U	0.0014	0.00082	mg/Kg	☼	09/27/25 09:00	09/30/25 15:29	1
1,1-Dichloroethane	0.0014	U	0.0014	0.00081	mg/Kg	☼	09/27/25 09:00	09/30/25 15:29	1
1,1-Dichloroethene	0.0014	U	0.0014	0.00031	mg/Kg	☼	09/27/25 09:00	09/30/25 15:29	1
1,2,3-Trichlorobenzene	0.0014	U	0.0014	0.0010	mg/Kg	☼	09/27/25 09:00	09/30/25 15:29	1
1,2,4-Trichlorobenzene	0.0014	U	0.0014	0.00049	mg/Kg	☼	09/27/25 09:00	09/30/25 15:29	1
1,2,4-Trimethylbenzene	0.0014	U	0.0014	0.00034	mg/Kg	☼	09/27/25 09:00	09/30/25 15:29	1
1,2-Dibromo-3-Chloropropane	0.0014	U	0.0014	0.00063	mg/Kg	☼	09/27/25 09:00	09/30/25 15:29	1
1,2-Dichlorobenzene	0.0014	U	0.0014	0.00049	mg/Kg	☼	09/27/25 09:00	09/30/25 15:29	1
1,2-Dichloroethane	0.0014	U	0.0014	0.00040	mg/Kg	☼	09/27/25 09:00	09/30/25 15:29	1
1,2-Dichloropropane	0.0014	U	0.0014	0.00058	mg/Kg	☼	09/27/25 09:00	09/30/25 15:29	1
1,3,5-Trimethylbenzene	0.0014	U	0.0014	0.00043	mg/Kg	☼	09/27/25 09:00	09/30/25 15:29	1
1,3-Dichlorobenzene	0.0014	U	0.0014	0.00050	mg/Kg	☼	09/27/25 09:00	09/30/25 15:29	1
1,4-Dichlorobenzene	0.0014	U	0.0014	0.00071	mg/Kg	☼	09/27/25 09:00	09/30/25 15:29	1
2-Butanone (MEK)	0.0068	U	0.0068	0.00050	mg/Kg	☼	09/27/25 09:00	09/30/25 15:29	1
2-Hexanone	0.0068	U	0.0068	0.0023	mg/Kg	☼	09/27/25 09:00	09/30/25 15:29	1
4-Methyl-2-pentanone (MIBK)	0.0068	U	0.0068	0.0021	mg/Kg	☼	09/27/25 09:00	09/30/25 15:29	1
Acetone	0.0082	U	0.0082	0.0078	mg/Kg	☼	09/27/25 09:00	09/30/25 15:29	1
Benzene	0.0014	U	0.0014	0.00077	mg/Kg	☼	09/27/25 09:00	09/30/25 15:29	1
Bromoform	0.0014	U *	0.0014	0.00058	mg/Kg	☼	09/27/25 09:00	09/30/25 15:29	1
Bromomethane	0.0027	U	0.0027	0.0014	mg/Kg	☼	09/27/25 09:00	09/30/25 15:29	1
Carbon disulfide	0.0014	U	0.0014	0.00036	mg/Kg	☼	09/27/25 09:00	09/30/25 15:29	1
Carbon tetrachloride	0.0014	U	0.0014	0.00053	mg/Kg	☼	09/27/25 09:00	09/30/25 15:29	1
Chlorobenzene	0.0014	U	0.0014	0.00069	mg/Kg	☼	09/27/25 09:00	09/30/25 15:29	1
Chlorobromomethane	0.0014	U	0.0014	0.00081	mg/Kg	☼	09/27/25 09:00	09/30/25 15:29	1
Chlorodibromomethane	0.0014	U *	0.0014	0.00073	mg/Kg	☼	09/27/25 09:00	09/30/25 15:29	1
Chloroethane	0.0014	U	0.0014	0.00071	mg/Kg	☼	09/27/25 09:00	09/30/25 15:29	1
Chloroform	0.0014	U	0.0014	0.0013	mg/Kg	☼	09/27/25 09:00	09/30/25 15:29	1
Chloromethane	0.0014	U	0.0014	0.00059	mg/Kg	☼	09/27/25 09:00	09/30/25 15:29	1
cis-1,2-Dichloroethene	0.0014	U	0.0014	0.00049	mg/Kg	☼	09/27/25 09:00	09/30/25 15:29	1
cis-1,3-Dichloropropene	0.0014	U	0.0014	0.00037	mg/Kg	☼	09/27/25 09:00	09/30/25 15:29	1
Cyclohexane	0.0014	U	0.0014	0.00030	mg/Kg	☼	09/27/25 09:00	09/30/25 15:29	1
Dichlorobromomethane	0.0014	U	0.0014	0.00035	mg/Kg	☼	09/27/25 09:00	09/30/25 15:29	1
Dichlorodifluoromethane	0.0014	U	0.0014	0.00046	mg/Kg	☼	09/27/25 09:00	09/30/25 15:29	1
Ethylbenzene	0.0014	U	0.0014	0.00064	mg/Kg	☼	09/27/25 09:00	09/30/25 15:29	1
Ethylene Dibromide	0.0014	U	0.0014	0.00069	mg/Kg	☼	09/27/25 09:00	09/30/25 15:29	1
Isopropylbenzene	0.0014	U	0.0014	0.00039	mg/Kg	☼	09/27/25 09:00	09/30/25 15:29	1
Methyl acetate	0.0068	U *	0.0068	0.0059	mg/Kg	☼	09/27/25 09:00	09/30/25 15:29	1
Methyl tert-butyl ether	0.0014	U	0.0014	0.00070	mg/Kg	☼	09/27/25 09:00	09/30/25 15:29	1
Methylcyclohexane	0.0014	U	0.0014	0.00068	mg/Kg	☼	09/27/25 09:00	09/30/25 15:29	1
Methylene Chloride	**0.0031**		0.0027	0.0016	mg/Kg	☼	09/27/25 09:00	09/30/25 15:29	1
m-Xylene & p-Xylene	0.0014	U	0.0014	0.00058	mg/Kg	☼	09/27/25 09:00	09/30/25 15:29	1
n-Butylbenzene	0.0014	U	0.0014	0.00040	mg/Kg	☼	09/27/25 09:00	09/30/25 15:29	1
N-Propylbenzene	0.0014	U	0.0014	0.00061	mg/Kg	☼	09/27/25 09:00	09/30/25 15:29	1
o-Xylene	0.0014	U	0.0014	0.00063	mg/Kg	☼	09/27/25 09:00	09/30/25 15:29	1
sec-Butylbenzene	0.0014	U	0.0014	0.00039	mg/Kg	☼	09/27/25 09:00	09/30/25 15:29	1
Styrene	0.0014	U	0.0014	0.00038	mg/Kg	☼	09/27/25 09:00	09/30/25 15:29	1

Client Sample ID: 53D2_3-4

Date Collected: 09/25/25 11:30
Date Received: 09/25/25 16:10

Lab Sample ID: 460-335747-51

Matrix: Solid
Percent Solids: 89.1

Method: SW846 8260D - Volatile Organic Compounds by GC/MS (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
tert-Butylbenzene	0.0014	U	0.0014	0.00038	mg/Kg	☼	09/27/25 09:00	09/30/25 15:29	1
Tetrachloroethene	0.0014	U	0.0014	0.00042	mg/Kg	☼	09/27/25 09:00	09/30/25 15:29	1
Toluene	0.0014	U	0.0014	0.00032	mg/Kg	☼	09/27/25 09:00	09/30/25 15:29	1
trans-1,2-Dichloroethene	0.0014	U	0.0014	0.00034	mg/Kg	☼	09/27/25 09:00	09/30/25 15:29	1
trans-1,3-Dichloropropene	0.0014	U	0.0014	0.00036	mg/Kg	☼	09/27/25 09:00	09/30/25 15:29	1
Trichloroethene	0.0014	U	0.0014	0.00044	mg/Kg	☼	09/27/25 09:00	09/30/25 15:29	1
Trichlorofluoromethane	0.0014	U	0.0014	0.00055	mg/Kg	☼	09/27/25 09:00	09/30/25 15:29	1
Vinyl chloride	0.0014	U	0.0014	0.00074	mg/Kg	☼	09/27/25 09:00	09/30/25 15:29	1
Xylenes, Total	0.0027	U	0.0027	0.00024	mg/Kg	☼	09/27/25 09:00	09/30/25 15:29	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,2-Dichloroethane-d4 (Surr)	*105*		*65 - 138*	*09/27/25 09:00*	*09/30/25 15:29*	*1*
4-Bromofluorobenzene	*97*		*71 - 128*	*09/27/25 09:00*	*09/30/25 15:29*	*1*
Dibromofluoromethane (Surr)	*96*		*50 - 150*	*09/27/25 09:00*	*09/30/25 15:29*	*1*
Toluene-d8 (Surr)	*103*		*71 - 126*	*09/27/25 09:00*	*09/30/25 15:29*	*1*

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Percent Moisture (EPA Moisture)	**10.9**		1.0	1.0	%			09/28/25 21:10	1
Percent Solids (EPA Moisture)	**89.1**		1.0	1.0	%			09/28/25 21:10	1

Client Sample ID: 53D3_2-3

Date Collected: 09/25/25 11:35
Date Received: 09/25/25 16:10

Lab Sample ID: 460-335747-52

Matrix: Solid
Percent Solids: 89.6

Method: SW846 8260D - Volatile Organic Compounds by GC/MS

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1-Trichloroethane	0.0011	U	0.0011	0.00027	mg/Kg	☼	09/27/25 09:00	09/30/25 22:51	1
1,1,2,2-Tetrachloroethane	0.0011	U	0.0011	0.00060	mg/Kg	☼	09/27/25 09:00	09/30/25 22:51	1
1,1,2-Trichloro-1,2,2-trifluoroethane	0.0011	U	0.0011	0.00034	mg/Kg	☼	09/27/25 09:00	09/30/25 22:51	1
1,1,2-Trichloroethane	0.0011	U	0.0011	0.00069	mg/Kg	☼	09/27/25 09:00	09/30/25 22:51	1
1,1-Dichloroethane	0.0011	U	0.0011	0.00068	mg/Kg	☼	09/27/25 09:00	09/30/25 22:51	1
1,1-Dichloroethene	0.0011	U	0.0011	0.00026	mg/Kg	☼	09/27/25 09:00	09/30/25 22:51	1
1,2,3-Trichlorobenzene	0.0011	U	0.0011	0.00084	mg/Kg	☼	09/27/25 09:00	09/30/25 22:51	1
1,2,4-Trichlorobenzene	0.0011	U	0.0011	0.00041	mg/Kg	☼	09/27/25 09:00	09/30/25 22:51	1
1,2,4-Trimethylbenzene	0.0011	U	0.0011	0.00028	mg/Kg	☼	09/27/25 09:00	09/30/25 22:51	1
1,2-Dibromo-3-Chloropropane	0.0011	U	0.0011	0.00053	mg/Kg	☼	09/27/25 09:00	09/30/25 22:51	1
1,2-Dichlorobenzene	0.0011	U	0.0011	0.00041	mg/Kg	☼	09/27/25 09:00	09/30/25 22:51	1
1,2-Dichloroethane	0.0011	U	0.0011	0.00034	mg/Kg	☼	09/27/25 09:00	09/30/25 22:51	1
1,2-Dichloropropane	0.0011	U	0.0011	0.00048	mg/Kg	☼	09/27/25 09:00	09/30/25 22:51	1
1,3,5-Trimethylbenzene	0.0011	U	0.0011	0.00036	mg/Kg	☼	09/27/25 09:00	09/30/25 22:51	1
1,3-Dichlorobenzene	0.0011	U	0.0011	0.00042	mg/Kg	☼	09/27/25 09:00	09/30/25 22:51	1
1,4-Dichlorobenzene	0.0011	U	0.0011	0.00059	mg/Kg	☼	09/27/25 09:00	09/30/25 22:51	1
2-Butanone (MEK)	0.0057	U	0.0057	0.00042	mg/Kg	☼	09/27/25 09:00	09/30/25 22:51	1
2-Hexanone	0.0057	U	0.0057	0.0020	mg/Kg	☼	09/27/25 09:00	09/30/25 22:51	1
4-Methyl-2-pentanone (MIBK)	0.0057	U	0.0057	0.0018	mg/Kg	☼	09/27/25 09:00	09/30/25 22:51	1
Acetone	0.0069	U	0.0069	0.0065	mg/Kg	☼	09/27/25 09:00	09/30/25 22:51	1
Benzene	0.0011	U	0.0011	0.00065	mg/Kg	☼	09/27/25 09:00	09/30/25 22:51	1
Bromoform	0.0011	U	0.0011	0.00049	mg/Kg	☼	09/27/25 09:00	09/30/25 22:51	1
Bromomethane	0.0023	U	0.0023	0.0011	mg/Kg	☼	09/27/25 09:00	09/30/25 22:51	1

Client Sample ID: 53D3_2-3
Date Collected: 09/25/25 11:35
Date Received: 09/25/25 16:10

Lab Sample ID: 460-335747-52
Matrix: Solid
Percent Solids: 89.6

Method: SW846 8260D - Volatile Organic Compounds by GC/MS (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Carbon disulfide	0.0011	U	0.0011	0.00030	mg/Kg	☼	09/27/25 09:00	09/30/25 22:51	1
Carbon tetrachloride	0.0011	U	0.0011	0.00044	mg/Kg	☼	09/27/25 09:00	09/30/25 22:51	1
Chlorobenzene	0.0011	U	0.0011	0.00058	mg/Kg	☼	09/27/25 09:00	09/30/25 22:51	1
Chlorobromomethane	0.0011	U	0.0011	0.00068	mg/Kg	☼	09/27/25 09:00	09/30/25 22:51	1
Chlorodibromomethane	0.0011	U	0.0011	0.00061	mg/Kg	☼	09/27/25 09:00	09/30/25 22:51	1
Chloroethane	0.0011	U	0.0011	0.00060	mg/Kg	☼	09/27/25 09:00	09/30/25 22:51	1
Chloroform	0.0011	U	0.0011	0.0011	mg/Kg	☼	09/27/25 09:00	09/30/25 22:51	1
Chloromethane	0.0011	U	0.0011	0.00050	mg/Kg	☼	09/27/25 09:00	09/30/25 22:51	1
cis-1,2-Dichloroethene	0.0011	U	0.0011	0.00041	mg/Kg	☼	09/27/25 09:00	09/30/25 22:51	1
cis-1,3-Dichloropropene	0.0011	U	0.0011	0.00031	mg/Kg	☼	09/27/25 09:00	09/30/25 22:51	1
Cyclohexane	0.0011	U	0.0011	0.00025	mg/Kg	☼	09/27/25 09:00	09/30/25 22:51	1
Dichlorobromomethane	0.0011	U	0.0011	0.00029	mg/Kg	☼	09/27/25 09:00	09/30/25 22:51	1
Dichlorodifluoromethane	0.0011	U	0.0011	0.00039	mg/Kg	☼	09/27/25 09:00	09/30/25 22:51	1
Ethylbenzene	0.0011	U	0.0011	0.00053	mg/Kg	☼	09/27/25 09:00	09/30/25 22:51	1
Ethylene Dibromide	0.0011	U	0.0011	0.00058	mg/Kg	☼	09/27/25 09:00	09/30/25 22:51	1
Isopropylbenzene	0.0011	U	0.0011	0.00033	mg/Kg	☼	09/27/25 09:00	09/30/25 22:51	1
Methyl acetate	0.0057	U	0.0057	0.0049	mg/Kg	☼	09/27/25 09:00	09/30/25 22:51	1
Methyl tert-butyl ether	0.0011	U	0.0011	0.00059	mg/Kg	☼	09/27/25 09:00	09/30/25 22:51	1
Methylcyclohexane	0.0011	U	0.0011	0.00057	mg/Kg	☼	09/27/25 09:00	09/30/25 22:51	1
Methylene Chloride	**0.0041**		0.0023	0.0013	mg/Kg	☼	09/27/25 09:00	09/30/25 22:51	1
m-Xylene & p-Xylene	0.0011	U	0.0011	0.00048	mg/Kg	☼	09/27/25 09:00	09/30/25 22:51	1
n-Butylbenzene	0.0011	U	0.0011	0.00034	mg/Kg	☼	09/27/25 09:00	09/30/25 22:51	1
N-Propylbenzene	0.0011	U	0.0011	0.00051	mg/Kg	☼	09/27/25 09:00	09/30/25 22:51	1
o-Xylene	0.0011	U	0.0011	0.00053	mg/Kg	☼	09/27/25 09:00	09/30/25 22:51	1
sec-Butylbenzene	0.0011	U	0.0011	0.00033	mg/Kg	☼	09/27/25 09:00	09/30/25 22:51	1
Styrene	0.0011	U	0.0011	0.00032	mg/Kg	☼	09/27/25 09:00	09/30/25 22:51	1
tert-Butylbenzene	0.0011	U	0.0011	0.00032	mg/Kg	☼	09/27/25 09:00	09/30/25 22:51	1
Tetrachloroethene	0.0011	U	0.0011	0.00035	mg/Kg	☼	09/27/25 09:00	09/30/25 22:51	1
Toluene	0.0011	U	0.0011	0.00027	mg/Kg	☼	09/27/25 09:00	09/30/25 22:51	1
trans-1,2-Dichloroethene	0.0011	U	0.0011	0.00028	mg/Kg	☼	09/27/25 09:00	09/30/25 22:51	1
trans-1,3-Dichloropropene	0.0011	U	0.0011	0.00030	mg/Kg	☼	09/27/25 09:00	09/30/25 22:51	1
Trichloroethene	0.0011	U	0.0011	0.00037	mg/Kg	☼	09/27/25 09:00	09/30/25 22:51	1
Trichlorofluoromethane	0.0011	U	0.0011	0.00046	mg/Kg	☼	09/27/25 09:00	09/30/25 22:51	1
Vinyl chloride	0.0011	U	0.0011	0.00062	mg/Kg	☼	09/27/25 09:00	09/30/25 22:51	1
Xylenes, Total	0.0023	U	0.0023	0.00020	mg/Kg	☼	09/27/25 09:00	09/30/25 22:51	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,2-Dichloroethane-d4 (Surr)	*119*		*65 - 138*	*09/27/25 09:00*	*09/30/25 22:51*	*1*
4-Bromofluorobenzene	*104*		*71 - 128*	*09/27/25 09:00*	*09/30/25 22:51*	*1*
Dibromofluoromethane (Surr)	*115*		*50 - 150*	*09/27/25 09:00*	*09/30/25 22:51*	*1*
Toluene-d8 (Surr)	*105*		*71 - 126*	*09/27/25 09:00*	*09/30/25 22:51*	*1*

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Percent Moisture (EPA Moisture)	**10.4**		1.0	1.0	%			09/28/25 21:10	1
Percent Solids (EPA Moisture)	**89.6**		1.0	1.0	%			09/28/25 21:10	1

Client: Haley & Aldrich, Inc.
Project/Site: Former Port Mobil

Job ID: 460-335747-1

Client Sample ID: 53D2_4-5
Date Collected: 09/25/25 11:40
Date Received: 09/25/25 16:10

Lab Sample ID: 460-335747-53
Matrix: Solid
Percent Solids: 87.7

Method: SW846 8260D - Volatile Organic Compounds by GC/MS

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1-Trichloroethane	0.0012	U	0.0012	0.00027	mg/Kg	☼	09/27/25 09:01	09/30/25 23:15	1
1,1,2,2-Tetrachloroethane	0.0012	U	0.0012	0.00061	mg/Kg	☼	09/27/25 09:01	09/30/25 23:15	1
1,1,2-Trichloro-1,2,2-trifluoroethane	0.0012	U	0.0012	0.00035	mg/Kg	☼	09/27/25 09:01	09/30/25 23:15	1
1,1,2-Trichloroethane	0.0012	U	0.0012	0.00070	mg/Kg	☼	09/27/25 09:01	09/30/25 23:15	1
1,1-Dichloroethane	0.0012	U	0.0012	0.00070	mg/Kg	☼	09/27/25 09:01	09/30/25 23:15	1
1,1-Dichloroethene	0.0012	U	0.0012	0.00026	mg/Kg	☼	09/27/25 09:01	09/30/25 23:15	1
1,2,3-Trichlorobenzene	0.0012	U	0.0012	0.00086	mg/Kg	☼	09/27/25 09:01	09/30/25 23:15	1
1,2,4-Trichlorobenzene	0.0012	U	0.0012	0.00042	mg/Kg	☼	09/27/25 09:01	09/30/25 23:15	1
1,2,4-Trimethylbenzene	0.0012	U	0.0012	0.00029	mg/Kg	☼	09/27/25 09:01	09/30/25 23:15	1
1,2-Dibromo-3-Chloropropane	0.0012	U	0.0012	0.00054	mg/Kg	☼	09/27/25 09:01	09/30/25 23:15	1
1,2-Dichlorobenzene	0.0012	U	0.0012	0.00042	mg/Kg	☼	09/27/25 09:01	09/30/25 23:15	1
1,2-Dichloroethane	0.0012	U	0.0012	0.00035	mg/Kg	☼	09/27/25 09:01	09/30/25 23:15	1
1,2-Dichloropropane	0.0012	U	0.0012	0.00050	mg/Kg	☼	09/27/25 09:01	09/30/25 23:15	1
1,3,5-Trimethylbenzene	0.0012	U	0.0012	0.00037	mg/Kg	☼	09/27/25 09:01	09/30/25 23:15	1
1,3-Dichlorobenzene	0.0012	U	0.0012	0.00043	mg/Kg	☼	09/27/25 09:01	09/30/25 23:15	1
1,4-Dichlorobenzene	0.0012	U	0.0012	0.00061	mg/Kg	☼	09/27/25 09:01	09/30/25 23:15	1
2-Butanone (MEK)	0.0059	U	0.0059	0.00043	mg/Kg	☼	09/27/25 09:01	09/30/25 23:15	1
2-Hexanone	0.0059	U	0.0059	0.0020	mg/Kg	☼	09/27/25 09:01	09/30/25 23:15	1
4-Methyl-2-pentanone (MIBK)	0.0059	U	0.0059	0.0018	mg/Kg	☼	09/27/25 09:01	09/30/25 23:15	1
Acetone	0.0070	U	0.0070	0.0067	mg/Kg	☼	09/27/25 09:01	09/30/25 23:15	1
Benzene	0.0012	U	0.0012	0.00066	mg/Kg	☼	09/27/25 09:01	09/30/25 23:15	1
Bromoform	0.0012	U	0.0012	0.00050	mg/Kg	☼	09/27/25 09:01	09/30/25 23:15	1
Bromomethane	0.0023	U	0.0023	0.0012	mg/Kg	☼	09/27/25 09:01	09/30/25 23:15	1
Carbon disulfide	0.0012	U	0.0012	0.00031	mg/Kg	☼	09/27/25 09:01	09/30/25 23:15	1
Carbon tetrachloride	0.0012	U	0.0012	0.00045	mg/Kg	☼	09/27/25 09:01	09/30/25 23:15	1
Chlorobenzene	0.0012	U	0.0012	0.00059	mg/Kg	☼	09/27/25 09:01	09/30/25 23:15	1
Chlorobromomethane	0.0012	U	0.0012	0.00070	mg/Kg	☼	09/27/25 09:01	09/30/25 23:15	1
Chlorodibromomethane	0.0012	U	0.0012	0.00063	mg/Kg	☼	09/27/25 09:01	09/30/25 23:15	1
Chloroethane	0.0012	U	0.0012	0.00061	mg/Kg	☼	09/27/25 09:01	09/30/25 23:15	1
Chloroform	0.0012	U	0.0012	0.0011	mg/Kg	☼	09/27/25 09:01	09/30/25 23:15	1
Chloromethane	0.0012	U	0.0012	0.00051	mg/Kg	☼	09/27/25 09:01	09/30/25 23:15	1
cis-1,2-Dichloroethene	0.0012	U	0.0012	0.00042	mg/Kg	☼	09/27/25 09:01	09/30/25 23:15	1
cis-1,3-Dichloropropene	0.0012	U	0.0012	0.00032	mg/Kg	☼	09/27/25 09:01	09/30/25 23:15	1
Cyclohexane	0.0012	U	0.0012	0.00026	mg/Kg	☼	09/27/25 09:01	09/30/25 23:15	1
Dichlorobromomethane	0.0012	U	0.0012	0.00030	mg/Kg	☼	09/27/25 09:01	09/30/25 23:15	1
Dichlorodifluoromethane	0.0012	U	0.0012	0.00040	mg/Kg	☼	09/27/25 09:01	09/30/25 23:15	1
Ethylbenzene	0.0012	U	0.0012	0.00055	mg/Kg	☼	09/27/25 09:01	09/30/25 23:15	1
Ethylene Dibromide	0.0012	U	0.0012	0.00059	mg/Kg	☼	09/27/25 09:01	09/30/25 23:15	1
Isopropylbenzene	0.0012	U	0.0012	0.00033	mg/Kg	☼	09/27/25 09:01	09/30/25 23:15	1
Methyl acetate	0.0059	U	0.0059	0.0050	mg/Kg	☼	09/27/25 09:01	09/30/25 23:15	1
Methyl tert-butyl ether	0.0012	U	0.0012	0.00060	mg/Kg	☼	09/27/25 09:01	09/30/25 23:15	1
Methylcyclohexane	0.0012	U	0.0012	0.00058	mg/Kg	☼	09/27/25 09:01	09/30/25 23:15	1
Methylene Chloride	**0.0032**		0.0023	0.0013	mg/Kg	☼	09/27/25 09:01	09/30/25 23:15	1
m-Xylene & p-Xylene	0.0012	U	0.0012	0.00050	mg/Kg	☼	09/27/25 09:01	09/30/25 23:15	1
n-Butylbenzene	0.0012	U	0.0012	0.00034	mg/Kg	☼	09/27/25 09:01	09/30/25 23:15	1
N-Propylbenzene	0.0012	U	0.0012	0.00053	mg/Kg	☼	09/27/25 09:01	09/30/25 23:15	1
o-Xylene	0.0012	U	0.0012	0.00054	mg/Kg	☼	09/27/25 09:01	09/30/25 23:15	1
sec-Butylbenzene	0.0012	U	0.0012	0.00034	mg/Kg	☼	09/27/25 09:01	09/30/25 23:15	1
Styrene	0.0012	U	0.0012	0.00033	mg/Kg	☼	09/27/25 09:01	09/30/25 23:15	1

Client Sample ID: 53D2_4-5

Lab Sample ID: 460-335747-53

Date Collected: 09/25/25 11:40
Matrix: Solid
Date Received: 09/25/25 16:10
Percent Solids: 87.7

Method: SW846 8260D - Volatile Organic Compounds by GC/MS (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
tert-Butylbenzene	0.0012	U	0.0012	0.00032	mg/Kg	☼	09/27/25 09:01	09/30/25 23:15	1
Tetrachloroethene	0.0012	U	0.0012	0.00036	mg/Kg	☼	09/27/25 09:01	09/30/25 23:15	1
Toluene	0.0012	U	0.0012	0.00027	mg/Kg	☼	09/27/25 09:01	09/30/25 23:15	1
trans-1,2-Dichloroethene	0.0012	U	0.0012	0.00029	mg/Kg	☼	09/27/25 09:01	09/30/25 23:15	1
trans-1,3-Dichloropropene	0.0012	U	0.0012	0.00031	mg/Kg	☼	09/27/25 09:01	09/30/25 23:15	1
Trichloroethene	0.0012	U	0.0012	0.00038	mg/Kg	☼	09/27/25 09:01	09/30/25 23:15	1
Trichlorofluoromethane	0.0012	U	0.0012	0.00048	mg/Kg	☼	09/27/25 09:01	09/30/25 23:15	1
Vinyl chloride	0.0012	U	0.0012	0.00064	mg/Kg	☼	09/27/25 09:01	09/30/25 23:15	1
Xylenes, Total	0.0023	U	0.0023	0.00020	mg/Kg	☼	09/27/25 09:01	09/30/25 23:15	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,2-Dichloroethane-d4 (Surr)	*121*		*65 - 138*	*09/27/25 09:01*	*09/30/25 23:15*	*1*
4-Bromofluorobenzene	*106*		*71 - 128*	*09/27/25 09:01*	*09/30/25 23:15*	*1*
Dibromofluoromethane (Surr)	*118*		*50 - 150*	*09/27/25 09:01*	*09/30/25 23:15*	*1*
Toluene-d8 (Surr)	*108*		*71 - 126*	*09/27/25 09:01*	*09/30/25 23:15*	*1*

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Percent Moisture (EPA Moisture)	**12.3**		1.0	1.0	%			09/28/25 21:10	1
Percent Solids (EPA Moisture)	**87.7**		1.0	1.0	%			09/28/25 21:10	1

Client Sample ID: 53D1_5-6

Lab Sample ID: 460-335747-54

Date Collected: 09/25/25 11:45
Matrix: Solid
Date Received: 09/25/25 16:10
Percent Solids: 88.5

Method: SW846 8260D - Volatile Organic Compounds by GC/MS

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1-Trichloroethane	0.0015	U	0.0015	0.00035	mg/Kg	☼	09/27/25 09:01	09/30/25 23:39	1
1,1,2,2-Tetrachloroethane	0.0015	U	0.0015	0.00078	mg/Kg	☼	09/27/25 09:01	09/30/25 23:39	1
1,1,2-Trichloro-1,2,2-trifluoroethane	0.0015	U	0.0015	0.00045	mg/Kg	☼	09/27/25 09:01	09/30/25 23:39	1
1,1,2-Trichloroethane	0.0015	U	0.0015	0.00090	mg/Kg	☼	09/27/25 09:01	09/30/25 23:39	1
1,1-Dichloroethane	0.0015	U	0.0015	0.00089	mg/Kg	☼	09/27/25 09:01	09/30/25 23:39	1
1,1-Dichloroethene	0.0015	U	0.0015	0.00034	mg/Kg	☼	09/27/25 09:01	09/30/25 23:39	1
1,2,3-Trichlorobenzene	0.0015	U	0.0015	0.0011	mg/Kg	☼	09/27/25 09:01	09/30/25 23:39	1
1,2,4-Trichlorobenzene	0.0015	U	0.0015	0.00054	mg/Kg	☼	09/27/25 09:01	09/30/25 23:39	1
1,2,4-Trimethylbenzene	0.0015	U	0.0015	0.00037	mg/Kg	☼	09/27/25 09:01	09/30/25 23:39	1
1,2-Dibromo-3-Chloropropane	0.0015	U	0.0015	0.00069	mg/Kg	☼	09/27/25 09:01	09/30/25 23:39	1
1,2-Dichlorobenzene	0.0015	U	0.0015	0.00054	mg/Kg	☼	09/27/25 09:01	09/30/25 23:39	1
1,2-Dichloroethane	0.0015	U	0.0015	0.00044	mg/Kg	☼	09/27/25 09:01	09/30/25 23:39	1
1,2-Dichloropropane	0.0015	U	0.0015	0.00063	mg/Kg	☼	09/27/25 09:01	09/30/25 23:39	1
1,3,5-Trimethylbenzene	0.0015	U	0.0015	0.00047	mg/Kg	☼	09/27/25 09:01	09/30/25 23:39	1
1,3-Dichlorobenzene	0.0015	U	0.0015	0.00055	mg/Kg	☼	09/27/25 09:01	09/30/25 23:39	1
1,4-Dichlorobenzene	0.0015	U	0.0015	0.00078	mg/Kg	☼	09/27/25 09:01	09/30/25 23:39	1
2-Butanone (MEK)	0.0075	U	0.0075	0.00055	mg/Kg	☼	09/27/25 09:01	09/30/25 23:39	1
2-Hexanone	0.0075	U	0.0075	0.0026	mg/Kg	☼	09/27/25 09:01	09/30/25 23:39	1
4-Methyl-2-pentanone (MIBK)	0.0075	U	0.0075	0.0023	mg/Kg	☼	09/27/25 09:01	09/30/25 23:39	1
Acetone	0.0090	U	0.0090	0.0086	mg/Kg	☼	09/27/25 09:01	09/30/25 23:39	1
Benzene	0.0015	U	0.0015	0.00085	mg/Kg	☼	09/27/25 09:01	09/30/25 23:39	1
Bromoform	0.0015	U	0.0015	0.00064	mg/Kg	☼	09/27/25 09:01	09/30/25 23:39	1
Bromomethane	0.0030	U	0.0030	0.0015	mg/Kg	☼	09/27/25 09:01	09/30/25 23:39	1

Client Sample ID: 53D1_5-6
Date Collected: 09/25/25 11:45
Date Received: 09/25/25 16:10

Lab Sample ID: 460-335747-54
Matrix: Solid
Percent Solids: 88.5

Method: SW846 8260D - Volatile Organic Compounds by GC/MS (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Carbon disulfide	0.0015	U	0.0015	0.00040	mg/Kg	☼	09/27/25 09:01	09/30/25 23:39	1
Carbon tetrachloride	0.0015	U	0.0015	0.00058	mg/Kg	☼	09/27/25 09:01	09/30/25 23:39	1
Chlorobenzene	0.0015	U	0.0015	0.00076	mg/Kg	☼	09/27/25 09:01	09/30/25 23:39	1
Chlorobromomethane	0.0015	U	0.0015	0.00089	mg/Kg	☼	09/27/25 09:01	09/30/25 23:39	1
Chlorodibromomethane	0.0015	U	0.0015	0.00080	mg/Kg	☼	09/27/25 09:01	09/30/25 23:39	1
Chloroethane	0.0015	U	0.0015	0.00078	mg/Kg	☼	09/27/25 09:01	09/30/25 23:39	1
Chloroform	0.0015	U	0.0015	0.0015	mg/Kg	☼	09/27/25 09:01	09/30/25 23:39	1
Chloromethane	0.0015	U	0.0015	0.00065	mg/Kg	☼	09/27/25 09:01	09/30/25 23:39	1
cis-1,2-Dichloroethene	0.0015	U	0.0015	0.00054	mg/Kg	☼	09/27/25 09:01	09/30/25 23:39	1
cis-1,3-Dichloropropene	0.0015	U	0.0015	0.00041	mg/Kg	☼	09/27/25 09:01	09/30/25 23:39	1
Cyclohexane	0.0015	U	0.0015	0.00033	mg/Kg	☼	09/27/25 09:01	09/30/25 23:39	1
Dichlorobromomethane	0.0015	U	0.0015	0.00038	mg/Kg	☼	09/27/25 09:01	09/30/25 23:39	1
Dichlorodifluoromethane	0.0015	U	0.0015	0.00051	mg/Kg	☼	09/27/25 09:01	09/30/25 23:39	1
Ethylbenzene	0.0015	U	0.0015	0.00070	mg/Kg	☼	09/27/25 09:01	09/30/25 23:39	1
Ethylene Dibromide	0.0015	U	0.0015	0.00075	mg/Kg	☼	09/27/25 09:01	09/30/25 23:39	1
Isopropylbenzene	0.0015	U	0.0015	0.00043	mg/Kg	☼	09/27/25 09:01	09/30/25 23:39	1
Methyl acetate	0.0075	U	0.0075	0.0064	mg/Kg	☼	09/27/25 09:01	09/30/25 23:39	1
Methyl tert-butyl ether	0.0015	U	0.0015	0.00077	mg/Kg	☼	09/27/25 09:01	09/30/25 23:39	1
Methylcyclohexane	0.0015	U	0.0015	0.00075	mg/Kg	☼	09/27/25 09:01	09/30/25 23:39	1
Methylene Chloride	**0.0036**		0.0030	0.0017	mg/Kg	☼	09/27/25 09:01	09/30/25 23:39	1
m-Xylene & p-Xylene	0.0015	U	0.0015	0.00063	mg/Kg	☼	09/27/25 09:01	09/30/25 23:39	1
n-Butylbenzene	0.0015	U	0.0015	0.00044	mg/Kg	☼	09/27/25 09:01	09/30/25 23:39	1
N-Propylbenzene	0.0015	U	0.0015	0.00067	mg/Kg	☼	09/27/25 09:01	09/30/25 23:39	1
o-Xylene	0.0015	U	0.0015	0.00069	mg/Kg	☼	09/27/25 09:01	09/30/25 23:39	1
sec-Butylbenzene	0.0015	U	0.0015	0.00043	mg/Kg	☼	09/27/25 09:01	09/30/25 23:39	1
Styrene	0.0015	U	0.0015	0.00042	mg/Kg	☼	09/27/25 09:01	09/30/25 23:39	1
tert-Butylbenzene	0.0015	U	0.0015	0.00041	mg/Kg	☼	09/27/25 09:01	09/30/25 23:39	1
Tetrachloroethene	0.0015	U	0.0015	0.00046	mg/Kg	☼	09/27/25 09:01	09/30/25 23:39	1
Toluene	0.0015	U	0.0015	0.00035	mg/Kg	☼	09/27/25 09:01	09/30/25 23:39	1
trans-1,2-Dichloroethene	0.0015	U	0.0015	0.00037	mg/Kg	☼	09/27/25 09:01	09/30/25 23:39	1
trans-1,3-Dichloropropene	0.0015	U	0.0015	0.00040	mg/Kg	☼	09/27/25 09:01	09/30/25 23:39	1
Trichloroethene	0.0015	U	0.0015	0.00048	mg/Kg	☼	09/27/25 09:01	09/30/25 23:39	1
Trichlorofluoromethane	0.0015	U	0.0015	0.00061	mg/Kg	☼	09/27/25 09:01	09/30/25 23:39	1
Vinyl chloride	0.0015	U	0.0015	0.00082	mg/Kg	☼	09/27/25 09:01	09/30/25 23:39	1
Xylenes, Total	0.0030	U	0.0030	0.00026	mg/Kg	☼	09/27/25 09:01	09/30/25 23:39	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,2-Dichloroethane-d4 (Surr)	*129*		*65 - 138*	*09/27/25 09:01*	*09/30/25 23:39*	*1*
4-Bromofluorobenzene	*110*		*71 - 128*	*09/27/25 09:01*	*09/30/25 23:39*	*1*
Dibromofluoromethane (Surr)	*123*		*50 - 150*	*09/27/25 09:01*	*09/30/25 23:39*	*1*
Toluene-d8 (Surr)	*114*		*71 - 126*	*09/27/25 09:01*	*09/30/25 23:39*	*1*

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Percent Moisture (EPA Moisture)	**11.5**		1.0	1.0	%			09/28/25 21:11	1
Percent Solids (EPA Moisture)	**88.5**		1.0	1.0	%			09/28/25 21:11	1

Client: Haley & Aldrich, Inc.
Project/Site: Former Port Mobil

Job ID: 460-335747-1

Client Sample ID: 53D1_6-7
Date Collected: 09/25/25 11:50
Date Received: 09/25/25 16:10

Lab Sample ID: 460-335747-55
Matrix: Solid
Percent Solids: 90.8

Method: SW846 8260D - Volatile Organic Compounds by GC/MS

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1-Trichloroethane	0.0010	U	0.0010	0.00024	mg/Kg	☼	09/27/25 09:01	10/01/25 00:03	1
1,1,2,2-Tetrachloroethane	0.0010	U	0.0010	0.00054	mg/Kg	☼	09/27/25 09:01	10/01/25 00:03	1
1,1,2-Trichloro-1,2,2-trifluoroethane	0.0010	U	0.0010	0.00031	mg/Kg	☼	09/27/25 09:01	10/01/25 00:03	1
1,1,2-Trichloroethane	0.0010	U	0.0010	0.00063	mg/Kg	☼	09/27/25 09:01	10/01/25 00:03	1
1,1-Dichloroethane	0.0010	U	0.0010	0.00062	mg/Kg	☼	09/27/25 09:01	10/01/25 00:03	1
1,1-Dichloroethene	0.0010	U	0.0010	0.00023	mg/Kg	☼	09/27/25 09:01	10/01/25 00:03	1
1,2,3-Trichlorobenzene	0.0010	U	0.0010	0.00077	mg/Kg	☼	09/27/25 09:01	10/01/25 00:03	1
1,2,4-Trichlorobenzene	0.0010	U	0.0010	0.00037	mg/Kg	☼	09/27/25 09:01	10/01/25 00:03	1
1,2,4-Trimethylbenzene	0.0010	U	0.0010	0.00026	mg/Kg	☼	09/27/25 09:01	10/01/25 00:03	1
1,2-Dibromo-3-Chloropropane	0.0010	U	0.0010	0.00048	mg/Kg	☼	09/27/25 09:01	10/01/25 00:03	1
1,2-Dichlorobenzene	0.0010	U	0.0010	0.00038	mg/Kg	☼	09/27/25 09:01	10/01/25 00:03	1
1,2-Dichloroethane	0.0010	U	0.0010	0.00031	mg/Kg	☼	09/27/25 09:01	10/01/25 00:03	1
1,2-Dichloropropane	0.0010	U	0.0010	0.00044	mg/Kg	☼	09/27/25 09:01	10/01/25 00:03	1
1,3,5-Trimethylbenzene	0.0010	U	0.0010	0.00033	mg/Kg	☼	09/27/25 09:01	10/01/25 00:03	1
1,3-Dichlorobenzene	0.0010	U	0.0010	0.00038	mg/Kg	☼	09/27/25 09:01	10/01/25 00:03	1
1,4-Dichlorobenzene	0.0010	U	0.0010	0.00054	mg/Kg	☼	09/27/25 09:01	10/01/25 00:03	1
2-Butanone (MEK)	0.0052	U	0.0052	0.00038	mg/Kg	☼	09/27/25 09:01	10/01/25 00:03	1
2-Hexanone	0.0052	U	0.0052	0.0018	mg/Kg	☼	09/27/25 09:01	10/01/25 00:03	1
4-Methyl-2-pentanone (MIBK)	0.0052	U	0.0052	0.0016	mg/Kg	☼	09/27/25 09:01	10/01/25 00:03	1
Acetone	**0.0068**		0.0062	0.0060	mg/Kg	☼	09/27/25 09:01	10/01/25 00:03	1
Benzene	0.0010	U	0.0010	0.00059	mg/Kg	☼	09/27/25 09:01	10/01/25 00:03	1
Bromoform	0.0010	U	0.0010	0.00044	mg/Kg	☼	09/27/25 09:01	10/01/25 00:03	1
Bromomethane	0.0021	U	0.0021	0.0010	mg/Kg	☼	09/27/25 09:01	10/01/25 00:03	1
Carbon disulfide	0.0010	U	0.0010	0.00028	mg/Kg	☼	09/27/25 09:01	10/01/25 00:03	1
Carbon tetrachloride	0.0010	U	0.0010	0.00040	mg/Kg	☼	09/27/25 09:01	10/01/25 00:03	1
Chlorobenzene	0.0010	U	0.0010	0.00053	mg/Kg	☼	09/27/25 09:01	10/01/25 00:03	1
Chlorobromomethane	0.0010	U	0.0010	0.00062	mg/Kg	☼	09/27/25 09:01	10/01/25 00:03	1
Chlorodibromomethane	0.0010	U	0.0010	0.00056	mg/Kg	☼	09/27/25 09:01	10/01/25 00:03	1
Chloroethane	0.0010	U	0.0010	0.00054	mg/Kg	☼	09/27/25 09:01	10/01/25 00:03	1
Chloroform	0.0010	U	0.0010	0.0010	mg/Kg	☼	09/27/25 09:01	10/01/25 00:03	1
Chloromethane	0.0010	U	0.0010	0.00045	mg/Kg	☼	09/27/25 09:01	10/01/25 00:03	1
cis-1,2-Dichloroethene	0.0010	U	0.0010	0.00037	mg/Kg	☼	09/27/25 09:01	10/01/25 00:03	1
cis-1,3-Dichloropropene	0.0010	U	0.0010	0.00028	mg/Kg	☼	09/27/25 09:01	10/01/25 00:03	1
Cyclohexane	0.0010	U	0.0010	0.00023	mg/Kg	☼	09/27/25 09:01	10/01/25 00:03	1
Dichlorobromomethane	0.0010	U	0.0010	0.00027	mg/Kg	☼	09/27/25 09:01	10/01/25 00:03	1
Dichlorodifluoromethane	0.0010	U	0.0010	0.00035	mg/Kg	☼	09/27/25 09:01	10/01/25 00:03	1
Ethylbenzene	0.0010	U	0.0010	0.00049	mg/Kg	☼	09/27/25 09:01	10/01/25 00:03	1
Ethylene Dibromide	0.0010	U	0.0010	0.00052	mg/Kg	☼	09/27/25 09:01	10/01/25 00:03	1
Isopropylbenzene	0.0010	U	0.0010	0.00030	mg/Kg	☼	09/27/25 09:01	10/01/25 00:03	1
Methyl acetate	0.0052	U	0.0052	0.0045	mg/Kg	☼	09/27/25 09:01	10/01/25 00:03	1
Methyl tert-butyl ether	0.0010	U	0.0010	0.00053	mg/Kg	☼	09/27/25 09:01	10/01/25 00:03	1
Methylcyclohexane	0.0010	U	0.0010	0.00052	mg/Kg	☼	09/27/25 09:01	10/01/25 00:03	1
Methylene Chloride	**0.0032**		0.0021	0.0012	mg/Kg	☼	09/27/25 09:01	10/01/25 00:03	1
m-Xylene & p-Xylene	0.0010	U	0.0010	0.00044	mg/Kg	☼	09/27/25 09:01	10/01/25 00:03	1
n-Butylbenzene	0.0010	U	0.0010	0.00031	mg/Kg	☼	09/27/25 09:01	10/01/25 00:03	1
N-Propylbenzene	0.0010	U	0.0010	0.00047	mg/Kg	☼	09/27/25 09:01	10/01/25 00:03	1
o-Xylene	0.0010	U	0.0010	0.00048	mg/Kg	☼	09/27/25 09:01	10/01/25 00:03	1
sec-Butylbenzene	0.0010	U	0.0010	0.00030	mg/Kg	☼	09/27/25 09:01	10/01/25 00:03	1
Styrene	0.0010	U	0.0010	0.00029	mg/Kg	☼	09/27/25 09:01	10/01/25 00:03	1

Client Sample ID: 53D1_6-7

Lab Sample ID: 460-335747-55
Date Collected: 09/25/25 11:50
Matrix: Solid
Date Received: 09/25/25 16:10
Percent Solids: 90.8

Method: SW846 8260D - Volatile Organic Compounds by GC/MS (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
tert-Butylbenzene	0.0010	U	0.0010	0.00029	mg/Kg	☼	09/27/25 09:01	10/01/25 00:03	1
Tetrachloroethene	0.0010	U	0.0010	0.00032	mg/Kg	☼	09/27/25 09:01	10/01/25 00:03	1
Toluene	0.0010	U	0.0010	0.00024	mg/Kg	☼	09/27/25 09:01	10/01/25 00:03	1
trans-1,2-Dichloroethene	0.0010	U	0.0010	0.00026	mg/Kg	☼	09/27/25 09:01	10/01/25 00:03	1
trans-1,3-Dichloropropene	0.0010	U	0.0010	0.00028	mg/Kg	☼	09/27/25 09:01	10/01/25 00:03	1
Trichloroethene	0.0010	U	0.0010	0.00033	mg/Kg	☼	09/27/25 09:01	10/01/25 00:03	1
Trichlorofluoromethane	0.0010	U	0.0010	0.00042	mg/Kg	☼	09/27/25 09:01	10/01/25 00:03	1
Vinyl chloride	0.0010	U	0.0010	0.00057	mg/Kg	☼	09/27/25 09:01	10/01/25 00:03	1
Xylenes, Total	0.0021	U	0.0021	0.00018	mg/Kg	☼	09/27/25 09:01	10/01/25 00:03	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,2-Dichloroethane-d4 (Surr)	*122*		*65 - 138*	*09/27/25 09:01*	*10/01/25 00:03*	*1*
4-Bromofluorobenzene	*109*		*71 - 128*	*09/27/25 09:01*	*10/01/25 00:03*	*1*
Dibromofluoromethane (Surr)	*117*		*50 - 150*	*09/27/25 09:01*	*10/01/25 00:03*	*1*
Toluene-d8 (Surr)	*109*		*71 - 126*	*09/27/25 09:01*	*10/01/25 00:03*	*1*

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Percent Moisture (EPA Moisture)	**9.2**		1.0	1.0	%			09/28/25 21:11	1
Percent Solids (EPA Moisture)	**90.8**		1.0	1.0	%			09/28/25 21:11	1

Client Sample ID: 54D2_4-5

Lab Sample ID: 460-335747-56
Date Collected: 09/25/25 12:00
Matrix: Solid
Date Received: 09/25/25 16:10
Percent Solids: 89.6

Method: SW846 8260D - Volatile Organic Compounds by GC/MS

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1-Trichloroethane	0.0010	U	0.0010	0.00024	mg/Kg	☼	09/27/25 09:02	10/01/25 00:26	1
1,1,2,2-Tetrachloroethane	0.0010	U	0.0010	0.00053	mg/Kg	☼	09/27/25 09:02	10/01/25 00:26	1
1,1,2-Trichloro-1,2,2-trifluoroethane	0.0010	U	0.0010	0.00031	mg/Kg	☼	09/27/25 09:02	10/01/25 00:26	1
1,1,2-Trichloroethane	0.0010	U	0.0010	0.00061	mg/Kg	☼	09/27/25 09:02	10/01/25 00:26	1
1,1-Dichloroethane	0.0010	U	0.0010	0.00061	mg/Kg	☼	09/27/25 09:02	10/01/25 00:26	1
1,1-Dichloroethene	0.0010	U	0.0010	0.00023	mg/Kg	☼	09/27/25 09:02	10/01/25 00:26	1
1,2,3-Trichlorobenzene	0.0010	U	0.0010	0.00075	mg/Kg	☼	09/27/25 09:02	10/01/25 00:26	1
1,2,4-Trichlorobenzene	0.0010	U	0.0010	0.00036	mg/Kg	☼	09/27/25 09:02	10/01/25 00:26	1
1,2,4-Trimethylbenzene	0.0010	U	0.0010	0.00025	mg/Kg	☼	09/27/25 09:02	10/01/25 00:26	1
1,2-Dibromo-3-Chloropropane	0.0010	U	0.0010	0.00047	mg/Kg	☼	09/27/25 09:02	10/01/25 00:26	1
1,2-Dichlorobenzene	0.0010	U	0.0010	0.00037	mg/Kg	☼	09/27/25 09:02	10/01/25 00:26	1
1,2-Dichloroethane	0.0010	U	0.0010	0.00030	mg/Kg	☼	09/27/25 09:02	10/01/25 00:26	1
1,2-Dichloropropane	0.0010	U	0.0010	0.00043	mg/Kg	☼	09/27/25 09:02	10/01/25 00:26	1
1,3,5-Trimethylbenzene	0.0010	U	0.0010	0.00032	mg/Kg	☼	09/27/25 09:02	10/01/25 00:26	1
1,3-Dichlorobenzene	0.0010	U	0.0010	0.00037	mg/Kg	☼	09/27/25 09:02	10/01/25 00:26	1
1,4-Dichlorobenzene	0.0010	U	0.0010	0.00053	mg/Kg	☼	09/27/25 09:02	10/01/25 00:26	1
2-Butanone (MEK)	0.0051	U	0.0051	0.00037	mg/Kg	☼	09/27/25 09:02	10/01/25 00:26	1
2-Hexanone	0.0051	U	0.0051	0.0017	mg/Kg	☼	09/27/25 09:02	10/01/25 00:26	1
4-Methyl-2-pentanone (MIBK)	0.0051	U	0.0051	0.0016	mg/Kg	☼	09/27/25 09:02	10/01/25 00:26	1
Acetone	0.0061	U	0.0061	0.0058	mg/Kg	☼	09/27/25 09:02	10/01/25 00:26	1
Benzene	0.0010	U	0.0010	0.00058	mg/Kg	☼	09/27/25 09:02	10/01/25 00:26	1
Bromoform	0.0010	U	0.0010	0.00043	mg/Kg	☼	09/27/25 09:02	10/01/25 00:26	1
Bromomethane	0.0020	U	0.0020	0.0010	mg/Kg	☼	09/27/25 09:02	10/01/25 00:26	1

Client Sample ID: 54D2_4-5
Date Collected: 09/25/25 12:00
Date Received: 09/25/25 16:10

Lab Sample ID: 460-335747-56
Matrix: Solid
Percent Solids: 89.6

Method: SW846 8260D - Volatile Organic Compounds by GC/MS (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Carbon disulfide	0.0010	U	0.0010	0.00027	mg/Kg	☼	09/27/25 09:02	10/01/25 00:26	1
Carbon tetrachloride	0.0010	U	0.0010	0.00039	mg/Kg	☼	09/27/25 09:02	10/01/25 00:26	1
Chlorobenzene	0.0010	U	0.0010	0.00052	mg/Kg	☼	09/27/25 09:02	10/01/25 00:26	1
Chlorobromomethane	0.0010	U	0.0010	0.00061	mg/Kg	☼	09/27/25 09:02	10/01/25 00:26	1
Chlorodibromomethane	0.0010	U	0.0010	0.00055	mg/Kg	☼	09/27/25 09:02	10/01/25 00:26	1
Chloroethane	0.0010	U	0.0010	0.00053	mg/Kg	☼	09/27/25 09:02	10/01/25 00:26	1
Chloroform	0.0010	U	0.0010	0.00099	mg/Kg	☼	09/27/25 09:02	10/01/25 00:26	1
Chloromethane	0.0010	U	0.0010	0.00044	mg/Kg	☼	09/27/25 09:02	10/01/25 00:26	1
cis-1,2-Dichloroethene	0.0010	U	0.0010	0.00036	mg/Kg	☼	09/27/25 09:02	10/01/25 00:26	1
cis-1,3-Dichloropropene	0.0010	U	0.0010	0.00028	mg/Kg	☼	09/27/25 09:02	10/01/25 00:26	1
Cyclohexane	0.0010	U	0.0010	0.00022	mg/Kg	☼	09/27/25 09:02	10/01/25 00:26	1
Dichlorobromomethane	0.0010	U	0.0010	0.00026	mg/Kg	☼	09/27/25 09:02	10/01/25 00:26	1
Dichlorodifluoromethane	0.0010	U	0.0010	0.00034	mg/Kg	☼	09/27/25 09:02	10/01/25 00:26	1
Ethylbenzene	0.0010	U	0.0010	0.00048	mg/Kg	☼	09/27/25 09:02	10/01/25 00:26	1
Ethylene Dibromide	0.0010	U	0.0010	0.00051	mg/Kg	☼	09/27/25 09:02	10/01/25 00:26	1
Isopropylbenzene	0.0010	U	0.0010	0.00029	mg/Kg	☼	09/27/25 09:02	10/01/25 00:26	1
Methyl acetate	0.0051	U	0.0051	0.0044	mg/Kg	☼	09/27/25 09:02	10/01/25 00:26	1
Methyl tert-butyl ether	0.0010	U	0.0010	0.00052	mg/Kg	☼	09/27/25 09:02	10/01/25 00:26	1
Methylcyclohexane	0.0010	U	0.0010	0.00051	mg/Kg	☼	09/27/25 09:02	10/01/25 00:26	1
Methylene Chloride	**0.0023**		0.0020	0.0012	mg/Kg	☼	09/27/25 09:02	10/01/25 00:26	1
m-Xylene & p-Xylene	0.0010	U	0.0010	0.00043	mg/Kg	☼	09/27/25 09:02	10/01/25 00:26	1
n-Butylbenzene	0.0010	U	0.0010	0.00030	mg/Kg	☼	09/27/25 09:02	10/01/25 00:26	1
N-Propylbenzene	0.0010	U	0.0010	0.00046	mg/Kg	☼	09/27/25 09:02	10/01/25 00:26	1
o-Xylene	0.0010	U	0.0010	0.00047	mg/Kg	☼	09/27/25 09:02	10/01/25 00:26	1
sec-Butylbenzene	0.0010	U	0.0010	0.00029	mg/Kg	☼	09/27/25 09:02	10/01/25 00:26	1
Styrene	0.0010	U	0.0010	0.00028	mg/Kg	☼	09/27/25 09:02	10/01/25 00:26	1
tert-Butylbenzene	0.0010	U	0.0010	0.00028	mg/Kg	☼	09/27/25 09:02	10/01/25 00:26	1
Tetrachloroethene	0.0010	U	0.0010	0.00031	mg/Kg	☼	09/27/25 09:02	10/01/25 00:26	1
Toluene	0.0010	U	0.0010	0.00024	mg/Kg	☼	09/27/25 09:02	10/01/25 00:26	1
trans-1,2-Dichloroethene	0.0010	U	0.0010	0.00025	mg/Kg	☼	09/27/25 09:02	10/01/25 00:26	1
trans-1,3-Dichloropropene	0.0010	U	0.0010	0.00027	mg/Kg	☼	09/27/25 09:02	10/01/25 00:26	1
Trichloroethene	0.0010	U	0.0010	0.00033	mg/Kg	☼	09/27/25 09:02	10/01/25 00:26	1
Trichlorofluoromethane	0.0010	U	0.0010	0.00041	mg/Kg	☼	09/27/25 09:02	10/01/25 00:26	1
Vinyl chloride	0.0010	U	0.0010	0.00056	mg/Kg	☼	09/27/25 09:02	10/01/25 00:26	1
Xylenes, Total	0.0020	U	0.0020	0.00018	mg/Kg	☼	09/27/25 09:02	10/01/25 00:26	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,2-Dichloroethane-d4 (Surr)	*124*		*65 - 138*	*09/27/25 09:02*	*10/01/25 00:26*	*1*
4-Bromofluorobenzene	*107*		*71 - 128*	*09/27/25 09:02*	*10/01/25 00:26*	*1*
Dibromofluoromethane (Surr)	*119*		*50 - 150*	*09/27/25 09:02*	*10/01/25 00:26*	*1*
Toluene-d8 (Surr)	*106*		*71 - 126*	*09/27/25 09:02*	*10/01/25 00:26*	*1*

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Percent Moisture (EPA Moisture)	**10.4**		1.0	1.0	%			09/28/25 21:11	1
Percent Solids (EPA Moisture)	**89.6**		1.0	1.0	%			09/28/25 21:11	1

Client: Haley & Aldrich, Inc.
Project/Site: Former Port Mobil

Job ID: 460-335747-1

Client Sample ID: 54D1_6-7
Date Collected: 09/25/25 12:05
Date Received: 09/25/25 16:10

Lab Sample ID: 460-335747-57
Matrix: Solid
Percent Solids: 86.9

Method: SW846 8260D - Volatile Organic Compounds by GC/MS

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1-Trichloroethane	0.00093	U	0.00093	0.00022	mg/Kg	☼	09/27/25 09:02	10/01/25 00:50	1
1,1,2,2-Tetrachloroethane	0.00093	U	0.00093	0.00049	mg/Kg	☼	09/27/25 09:02	10/01/25 00:50	1
1,1,2-Trichloro-1,2,2-trifluoroethane	0.00093	U	0.00093	0.00028	mg/Kg	☼	09/27/25 09:02	10/01/25 00:50	1
1,1,2-Trichloroethane	0.00093	U	0.00093	0.00056	mg/Kg	☼	09/27/25 09:02	10/01/25 00:50	1
1,1-Dichloroethane	0.00093	U	0.00093	0.00056	mg/Kg	☼	09/27/25 09:02	10/01/25 00:50	1
1,1-Dichloroethene	0.00093	U	0.00093	0.00021	mg/Kg	☼	09/27/25 09:02	10/01/25 00:50	1
1,2,3-Trichlorobenzene	0.00093	U	0.00093	0.00069	mg/Kg	☼	09/27/25 09:02	10/01/25 00:50	1
1,2,4-Trichlorobenzene	0.00093	U	0.00093	0.00033	mg/Kg	☼	09/27/25 09:02	10/01/25 00:50	1
1,2,4-Trimethylbenzene	0.00093	U	0.00093	0.00023	mg/Kg	☼	09/27/25 09:02	10/01/25 00:50	1
1,2-Dibromo-3-Chloropropane	0.00093	U	0.00093	0.00043	mg/Kg	☼	09/27/25 09:02	10/01/25 00:50	1
1,2-Dichlorobenzene	0.00093	U	0.00093	0.00034	mg/Kg	☼	09/27/25 09:02	10/01/25 00:50	1
1,2-Dichloroethane	0.00093	U	0.00093	0.00028	mg/Kg	☼	09/27/25 09:02	10/01/25 00:50	1
1,2-Dichloropropane	0.00093	U	0.00093	0.00039	mg/Kg	☼	09/27/25 09:02	10/01/25 00:50	1
1,3,5-Trimethylbenzene	0.00093	U	0.00093	0.00029	mg/Kg	☼	09/27/25 09:02	10/01/25 00:50	1
1,3-Dichlorobenzene	0.00093	U	0.00093	0.00034	mg/Kg	☼	09/27/25 09:02	10/01/25 00:50	1
1,4-Dichlorobenzene	0.00093	U	0.00093	0.00048	mg/Kg	☼	09/27/25 09:02	10/01/25 00:50	1
2-Butanone (MEK)	0.0047	U	0.0047	0.00034	mg/Kg	☼	09/27/25 09:02	10/01/25 00:50	1
2-Hexanone	0.0047	U	0.0047	0.0016	mg/Kg	☼	09/27/25 09:02	10/01/25 00:50	1
4-Methyl-2-pentanone (MIBK)	0.0047	U	0.0047	0.0015	mg/Kg	☼	09/27/25 09:02	10/01/25 00:50	1
Acetone	0.0056	U	0.0056	0.0053	mg/Kg	☼	09/27/25 09:02	10/01/25 00:50	1
Benzene	0.00093	U	0.00093	0.00053	mg/Kg	☼	09/27/25 09:02	10/01/25 00:50	1
Bromoform	0.00093	U	0.00093	0.00040	mg/Kg	☼	09/27/25 09:02	10/01/25 00:50	1
Bromomethane	0.0019	U	0.0019	0.00093	mg/Kg	☼	09/27/25 09:02	10/01/25 00:50	1
Carbon disulfide	0.00093	U	0.00093	0.00025	mg/Kg	☼	09/27/25 09:02	10/01/25 00:50	1
Carbon tetrachloride	0.00093	U	0.00093	0.00036	mg/Kg	☼	09/27/25 09:02	10/01/25 00:50	1
Chlorobenzene	0.00093	U	0.00093	0.00047	mg/Kg	☼	09/27/25 09:02	10/01/25 00:50	1
Chlorobromomethane	0.00093	U	0.00093	0.00056	mg/Kg	☼	09/27/25 09:02	10/01/25 00:50	1
Chlorodibromomethane	0.00093	U	0.00093	0.00050	mg/Kg	☼	09/27/25 09:02	10/01/25 00:50	1
Chloroethane	0.00093	U	0.00093	0.00049	mg/Kg	☼	09/27/25 09:02	10/01/25 00:50	1
Chloroform	0.00093	U	0.00093	0.00091	mg/Kg	☼	09/27/25 09:02	10/01/25 00:50	1
Chloromethane	0.00093	U	0.00093	0.00041	mg/Kg	☼	09/27/25 09:02	10/01/25 00:50	1
cis-1,2-Dichloroethene	0.00093	U	0.00093	0.00033	mg/Kg	☼	09/27/25 09:02	10/01/25 00:50	1
cis-1,3-Dichloropropene	0.00093	U	0.00093	0.00025	mg/Kg	☼	09/27/25 09:02	10/01/25 00:50	1
Cyclohexane	0.00093	U	0.00093	0.00021	mg/Kg	☼	09/27/25 09:02	10/01/25 00:50	1
Dichlorobromomethane	0.00093	U	0.00093	0.00024	mg/Kg	☼	09/27/25 09:02	10/01/25 00:50	1
Dichlorodifluoromethane	0.00093	U	0.00093	0.00032	mg/Kg	☼	09/27/25 09:02	10/01/25 00:50	1
Ethylbenzene	0.00093	U	0.00093	0.00044	mg/Kg	☼	09/27/25 09:02	10/01/25 00:50	1
Ethylene Dibromide	0.00093	U	0.00093	0.00047	mg/Kg	☼	09/27/25 09:02	10/01/25 00:50	1
Isopropylbenzene	0.00093	U	0.00093	0.00027	mg/Kg	☼	09/27/25 09:02	10/01/25 00:50	1
Methyl acetate	0.0047	U	0.0047	0.0040	mg/Kg	☼	09/27/25 09:02	10/01/25 00:50	1
Methyl tert-butyl ether	0.00093	U	0.00093	0.00048	mg/Kg	☼	09/27/25 09:02	10/01/25 00:50	1
Methylcyclohexane	0.00093	U	0.00093	0.00047	mg/Kg	☼	09/27/25 09:02	10/01/25 00:50	1
Methylene Chloride	**0.0016**	**J**	0.0019	0.0011	mg/Kg	☼	09/27/25 09:02	10/01/25 00:50	1
m-Xylene & p-Xylene	0.00093	U	0.00093	0.00039	mg/Kg	☼	09/27/25 09:02	10/01/25 00:50	1
n-Butylbenzene	0.00093	U	0.00093	0.00027	mg/Kg	☼	09/27/25 09:02	10/01/25 00:50	1
N-Propylbenzene	0.00093	U	0.00093	0.00042	mg/Kg	☼	09/27/25 09:02	10/01/25 00:50	1
o-Xylene	0.00093	U	0.00093	0.00043	mg/Kg	☼	09/27/25 09:02	10/01/25 00:50	1
sec-Butylbenzene	0.00093	U	0.00093	0.00027	mg/Kg	☼	09/27/25 09:02	10/01/25 00:50	1
Styrene	0.00093	U	0.00093	0.00026	mg/Kg	☼	09/27/25 09:02	10/01/25 00:50	1

Client Sample ID: 54D1_6-7

Lab Sample ID: 460-335747-57

Date Collected: 09/25/25 12:05
Matrix: Solid
Date Received: 09/25/25 16:10
Percent Solids: 86.9

Method: SW846 8260D - Volatile Organic Compounds by GC/MS (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
tert-Butylbenzene	0.00093	U	0.00093	0.00026	mg/Kg	☼	09/27/25 09:02	10/01/25 00:50	1
Tetrachloroethene	0.00093	U	0.00093	0.00028	mg/Kg	☼	09/27/25 09:02	10/01/25 00:50	1
Toluene	0.00093	U	0.00093	0.00022	mg/Kg	☼	09/27/25 09:02	10/01/25 00:50	1
trans-1,2-Dichloroethene	0.00093	U	0.00093	0.00023	mg/Kg	☼	09/27/25 09:02	10/01/25 00:50	1
trans-1,3-Dichloropropene	0.00093	U	0.00093	0.00025	mg/Kg	☼	09/27/25 09:02	10/01/25 00:50	1
Trichloroethene	0.00093	U	0.00093	0.00030	mg/Kg	☼	09/27/25 09:02	10/01/25 00:50	1
Trichlorofluoromethane	0.00093	U	0.00093	0.00038	mg/Kg	☼	09/27/25 09:02	10/01/25 00:50	1
Vinyl chloride	0.00093	U	0.00093	0.00051	mg/Kg	☼	09/27/25 09:02	10/01/25 00:50	1
Xylenes, Total	0.0019	U	0.0019	0.00016	mg/Kg	☼	09/27/25 09:02	10/01/25 00:50	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,2-Dichloroethane-d4 (Surr)	*123*		*65 - 138*	*09/27/25 09:02*	*10/01/25 00:50*	*1*
4-Bromofluorobenzene	*105*		*71 - 128*	*09/27/25 09:02*	*10/01/25 00:50*	*1*
Dibromofluoromethane (Surr)	*120*		*50 - 150*	*09/27/25 09:02*	*10/01/25 00:50*	*1*
Toluene-d8 (Surr)	*110*		*71 - 126*	*09/27/25 09:02*	*10/01/25 00:50*	*1*

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Percent Moisture (EPA Moisture)	**13.1**		1.0	1.0	%			09/28/25 21:11	1
Percent Solids (EPA Moisture)	**86.9**		1.0	1.0	%			09/28/25 21:11	1

Client Sample ID: 54D1_5-6

Lab Sample ID: 460-335747-58

Date Collected: 09/25/25 12:10
Matrix: Solid
Date Received: 09/25/25 16:10
Percent Solids: 89.1

Method: SW846 8260D - Volatile Organic Compounds by GC/MS

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1-Trichloroethane	0.0010	U	0.0010	0.00023	mg/Kg	☼	09/27/25 09:02	10/01/25 01:14	1
1,1,2,2-Tetrachloroethane	0.0010	U	0.0010	0.00052	mg/Kg	☼	09/27/25 09:02	10/01/25 01:14	1
1,1,2-Trichloro-1,2,2-trifluoroethane	0.0010	U	0.0010	0.00030	mg/Kg	☼	09/27/25 09:02	10/01/25 01:14	1
1,1,2-Trichloroethane	0.0010	U	0.0010	0.00060	mg/Kg	☼	09/27/25 09:02	10/01/25 01:14	1
1,1-Dichloroethane	0.0010	U	0.0010	0.00060	mg/Kg	☼	09/27/25 09:02	10/01/25 01:14	1
1,1-Dichloroethene	0.0010	U	0.0010	0.00022	mg/Kg	☼	09/27/25 09:02	10/01/25 01:14	1
1,2,3-Trichlorobenzene	0.0010	U	0.0010	0.00074	mg/Kg	☼	09/27/25 09:02	10/01/25 01:14	1
1,2,4-Trichlorobenzene	0.0010	U	0.0010	0.00036	mg/Kg	☼	09/27/25 09:02	10/01/25 01:14	1
1,2,4-Trimethylbenzene	0.0010	U	0.0010	0.00025	mg/Kg	☼	09/27/25 09:02	10/01/25 01:14	1
1,2-Dibromo-3-Chloropropane	0.0010	U	0.0010	0.00046	mg/Kg	☼	09/27/25 09:02	10/01/25 01:14	1
1,2-Dichlorobenzene	0.0010	U	0.0010	0.00036	mg/Kg	☼	09/27/25 09:02	10/01/25 01:14	1
1,2-Dichloroethane	0.0010	U	0.0010	0.00030	mg/Kg	☼	09/27/25 09:02	10/01/25 01:14	1
1,2-Dichloropropane	0.0010	U	0.0010	0.00042	mg/Kg	☼	09/27/25 09:02	10/01/25 01:14	1
1,3,5-Trimethylbenzene	0.0010	U	0.0010	0.00031	mg/Kg	☼	09/27/25 09:02	10/01/25 01:14	1
1,3-Dichlorobenzene	0.0010	U	0.0010	0.00036	mg/Kg	☼	09/27/25 09:02	10/01/25 01:14	1
1,4-Dichlorobenzene	0.0010	U	0.0010	0.00052	mg/Kg	☼	09/27/25 09:02	10/01/25 01:14	1
2-Butanone (MEK)	0.0050	U	0.0050	0.00037	mg/Kg	☼	09/27/25 09:02	10/01/25 01:14	1
2-Hexanone	0.0050	U	0.0050	0.0017	mg/Kg	☼	09/27/25 09:02	10/01/25 01:14	1
4-Methyl-2-pentanone (MIBK)	0.0050	U	0.0050	0.0015	mg/Kg	☼	09/27/25 09:02	10/01/25 01:14	1
Acetone	0.0060	U	0.0060	0.0057	mg/Kg	☼	09/27/25 09:02	10/01/25 01:14	1
Benzene	0.0010	U	0.0010	0.00057	mg/Kg	☼	09/27/25 09:02	10/01/25 01:14	1
Bromoform	0.0010	U	0.0010	0.00042	mg/Kg	☼	09/27/25 09:02	10/01/25 01:14	1
Bromomethane	0.0020	U	0.0020	0.0010	mg/Kg	☼	09/27/25 09:02	10/01/25 01:14	1

Client Sample ID: 54D1_5-6
Date Collected: 09/25/25 12:10
Date Received: 09/25/25 16:10

Lab Sample ID: 460-335747-58
Matrix: Solid
Percent Solids: 89.1

Method: SW846 8260D - Volatile Organic Compounds by GC/MS (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Carbon disulfide	0.0010	U	0.0010	0.00027	mg/Kg	☼	09/27/25 09:02	10/01/25 01:14	1
Carbon tetrachloride	0.0010	U	0.0010	0.00039	mg/Kg	☼	09/27/25 09:02	10/01/25 01:14	1
Chlorobenzene	0.0010	U	0.0010	0.00051	mg/Kg	☼	09/27/25 09:02	10/01/25 01:14	1
Chlorobromomethane	0.0010	U	0.0010	0.00059	mg/Kg	☼	09/27/25 09:02	10/01/25 01:14	1
Chlorodibromomethane	0.0010	U	0.0010	0.00054	mg/Kg	☼	09/27/25 09:02	10/01/25 01:14	1
Chloroethane	0.0010	U	0.0010	0.00052	mg/Kg	☼	09/27/25 09:02	10/01/25 01:14	1
Chloroform	0.0010	U	0.0010	0.00097	mg/Kg	☼	09/27/25 09:02	10/01/25 01:14	1
Chloromethane	0.0010	U	0.0010	0.00043	mg/Kg	☼	09/27/25 09:02	10/01/25 01:14	1
cis-1,2-Dichloroethene	0.0010	U	0.0010	0.00036	mg/Kg	☼	09/27/25 09:02	10/01/25 01:14	1
cis-1,3-Dichloropropene	0.0010	U	0.0010	0.00027	mg/Kg	☼	09/27/25 09:02	10/01/25 01:14	1
Cyclohexane	0.0010	U	0.0010	0.00022	mg/Kg	☼	09/27/25 09:02	10/01/25 01:14	1
Dichlorobromomethane	0.0010	U	0.0010	0.00026	mg/Kg	☼	09/27/25 09:02	10/01/25 01:14	1
Dichlorodifluoromethane	0.0010	U	0.0010	0.00034	mg/Kg	☼	09/27/25 09:02	10/01/25 01:14	1
Ethylbenzene	0.0010	U	0.0010	0.00047	mg/Kg	☼	09/27/25 09:02	10/01/25 01:14	1
Ethylene Dibromide	0.0010	U	0.0010	0.00050	mg/Kg	☼	09/27/25 09:02	10/01/25 01:14	1
Isopropylbenzene	0.0010	U	0.0010	0.00028	mg/Kg	☼	09/27/25 09:02	10/01/25 01:14	1
Methyl acetate	0.0050	U	0.0050	0.0043	mg/Kg	☼	09/27/25 09:02	10/01/25 01:14	1
Methyl tert-butyl ether	0.0010	U	0.0010	0.00051	mg/Kg	☼	09/27/25 09:02	10/01/25 01:14	1
Methylcyclohexane	0.0010	U	0.0010	0.00050	mg/Kg	☼	09/27/25 09:02	10/01/25 01:14	1
Methylene Chloride	**0.0023**		0.0020	0.0011	mg/Kg	☼	09/27/25 09:02	10/01/25 01:14	1
m-Xylene & p-Xylene	0.0010	U	0.0010	0.00042	mg/Kg	☼	09/27/25 09:02	10/01/25 01:14	1
n-Butylbenzene	0.0010	U	0.0010	0.00029	mg/Kg	☼	09/27/25 09:02	10/01/25 01:14	1
N-Propylbenzene	0.0010	U	0.0010	0.00045	mg/Kg	☼	09/27/25 09:02	10/01/25 01:14	1
o-Xylene	0.0010	U	0.0010	0.00046	mg/Kg	☼	09/27/25 09:02	10/01/25 01:14	1
sec-Butylbenzene	0.0010	U	0.0010	0.00029	mg/Kg	☼	09/27/25 09:02	10/01/25 01:14	1
Styrene	0.0010	U	0.0010	0.00028	mg/Kg	☼	09/27/25 09:02	10/01/25 01:14	1
tert-Butylbenzene	0.0010	U	0.0010	0.00028	mg/Kg	☼	09/27/25 09:02	10/01/25 01:14	1
Tetrachloroethene	0.0010	U	0.0010	0.00030	mg/Kg	☼	09/27/25 09:02	10/01/25 01:14	1
Toluene	0.0010	U	0.0010	0.00023	mg/Kg	☼	09/27/25 09:02	10/01/25 01:14	1
trans-1,2-Dichloroethene	0.0010	U	0.0010	0.00025	mg/Kg	☼	09/27/25 09:02	10/01/25 01:14	1
trans-1,3-Dichloropropene	0.0010	U	0.0010	0.00027	mg/Kg	☼	09/27/25 09:02	10/01/25 01:14	1
Trichloroethene	0.0010	U	0.0010	0.00032	mg/Kg	☼	09/27/25 09:02	10/01/25 01:14	1
Trichlorofluoromethane	0.0010	U	0.0010	0.00040	mg/Kg	☼	09/27/25 09:02	10/01/25 01:14	1
Vinyl chloride	0.0010	U	0.0010	0.00054	mg/Kg	☼	09/27/25 09:02	10/01/25 01:14	1
Xylenes, Total	0.0020	U	0.0020	0.00017	mg/Kg	☼	09/27/25 09:02	10/01/25 01:14	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,2-Dichloroethane-d4 (Surr)	*124*		*65 - 138*	*09/27/25 09:02*	*10/01/25 01:14*	*1*
4-Bromofluorobenzene	*108*		*71 - 128*	*09/27/25 09:02*	*10/01/25 01:14*	*1*
Dibromofluoromethane (Surr)	*120*		*50 - 150*	*09/27/25 09:02*	*10/01/25 01:14*	*1*
Toluene-d8 (Surr)	*109*		*71 - 126*	*09/27/25 09:02*	*10/01/25 01:14*	*1*

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Percent Moisture (EPA Moisture)	**10.9**		1.0	1.0	%			09/28/25 21:11	1
Percent Solids (EPA Moisture)	**89.1**		1.0	1.0	%			09/28/25 21:11	1

Client: Haley & Aldrich, Inc.
Project/Site: Former Port Mobil

Job ID: 460-335747-1

Client Sample ID: 54D2_3-4
Date Collected: 09/25/25 12:15
Date Received: 09/25/25 16:10

Lab Sample ID: 460-335747-59
Matrix: Solid
Percent Solids: 86.1

Method: SW846 8260D - Volatile Organic Compounds by GC/MS

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1-Trichloroethane	0.0010	U	0.0010	0.00024	mg/Kg	☼	09/27/25 09:03	10/01/25 01:38	1
1,1,2,2-Tetrachloroethane	0.0010	U	0.0010	0.00053	mg/Kg	☼	09/27/25 09:03	10/01/25 01:38	1
1,1,2-Trichloro-1,2,2-trifluoroethane	0.0010	U	0.0010	0.00030	mg/Kg	☼	09/27/25 09:03	10/01/25 01:38	1
1,1,2-Trichloroethane	0.0010	U	0.0010	0.00061	mg/Kg	☼	09/27/25 09:03	10/01/25 01:38	1
1,1-Dichloroethane	0.0010	U	0.0010	0.00060	mg/Kg	☼	09/27/25 09:03	10/01/25 01:38	1
1,1-Dichloroethene	0.0010	U	0.0010	0.00023	mg/Kg	☼	09/27/25 09:03	10/01/25 01:38	1
1,2,3-Trichlorobenzene	0.0010	U	0.0010	0.00075	mg/Kg	☼	09/27/25 09:03	10/01/25 01:38	1
1,2,4-Trichlorobenzene	0.0010	U	0.0010	0.00036	mg/Kg	☼	09/27/25 09:03	10/01/25 01:38	1
1,2,4-Trimethylbenzene	0.0010	U	0.0010	0.00025	mg/Kg	☼	09/27/25 09:03	10/01/25 01:38	1
1,2-Dibromo-3-Chloropropane	0.0010	U	0.0010	0.00046	mg/Kg	☼	09/27/25 09:03	10/01/25 01:38	1
1,2-Dichlorobenzene	0.0010	U	0.0010	0.00036	mg/Kg	☼	09/27/25 09:03	10/01/25 01:38	1
1,2-Dichloroethane	0.0010	U	0.0010	0.00030	mg/Kg	☼	09/27/25 09:03	10/01/25 01:38	1
1,2-Dichloropropane	0.0010	U	0.0010	0.00043	mg/Kg	☼	09/27/25 09:03	10/01/25 01:38	1
1,3,5-Trimethylbenzene	0.0010	U	0.0010	0.00032	mg/Kg	☼	09/27/25 09:03	10/01/25 01:38	1
1,3-Dichlorobenzene	0.0010	U	0.0010	0.00037	mg/Kg	☼	09/27/25 09:03	10/01/25 01:38	1
1,4-Dichlorobenzene	0.0010	U	0.0010	0.00052	mg/Kg	☼	09/27/25 09:03	10/01/25 01:38	1
2-Butanone (MEK)	0.0050	U	0.0050	0.00037	mg/Kg	☼	09/27/25 09:03	10/01/25 01:38	1
2-Hexanone	0.0050	U	0.0050	0.0017	mg/Kg	☼	09/27/25 09:03	10/01/25 01:38	1
4-Methyl-2-pentanone (MIBK)	0.0050	U	0.0050	0.0016	mg/Kg	☼	09/27/25 09:03	10/01/25 01:38	1
Acetone	0.0061	U	0.0061	0.0058	mg/Kg	☼	09/27/25 09:03	10/01/25 01:38	1
Benzene	0.0010	U	0.0010	0.00057	mg/Kg	☼	09/27/25 09:03	10/01/25 01:38	1
Bromoform	0.0010	U	0.0010	0.00043	mg/Kg	☼	09/27/25 09:03	10/01/25 01:38	1
Bromomethane	0.0020	U	0.0020	0.0010	mg/Kg	☼	09/27/25 09:03	10/01/25 01:38	1
Carbon disulfide	0.0010	U	0.0010	0.00027	mg/Kg	☼	09/27/25 09:03	10/01/25 01:38	1
Carbon tetrachloride	0.0010	U	0.0010	0.00039	mg/Kg	☼	09/27/25 09:03	10/01/25 01:38	1
Chlorobenzene	0.0010	U	0.0010	0.00051	mg/Kg	☼	09/27/25 09:03	10/01/25 01:38	1
Chlorobromomethane	0.0010	U	0.0010	0.00060	mg/Kg	☼	09/27/25 09:03	10/01/25 01:38	1
Chlorodibromomethane	0.0010	U	0.0010	0.00054	mg/Kg	☼	09/27/25 09:03	10/01/25 01:38	1
Chloroethane	0.0010	U	0.0010	0.00053	mg/Kg	☼	09/27/25 09:03	10/01/25 01:38	1
Chloroform	0.0010	U	0.0010	0.00098	mg/Kg	☼	09/27/25 09:03	10/01/25 01:38	1
Chloromethane	0.0010	U	0.0010	0.00044	mg/Kg	☼	09/27/25 09:03	10/01/25 01:38	1
cis-1,2-Dichloroethene	0.0010	U	0.0010	0.00036	mg/Kg	☼	09/27/25 09:03	10/01/25 01:38	1
cis-1,3-Dichloropropene	0.0010	U	0.0010	0.00028	mg/Kg	☼	09/27/25 09:03	10/01/25 01:38	1
Cyclohexane	0.0010	U	0.0010	0.00022	mg/Kg	☼	09/27/25 09:03	10/01/25 01:38	1
Dichlorobromomethane	0.0010	U	0.0010	0.00026	mg/Kg	☼	09/27/25 09:03	10/01/25 01:38	1
Dichlorodifluoromethane	0.0010	U	0.0010	0.00034	mg/Kg	☼	09/27/25 09:03	10/01/25 01:38	1
Ethylbenzene	0.0010	U	0.0010	0.00047	mg/Kg	☼	09/27/25 09:03	10/01/25 01:38	1
Ethylene Dibromide	0.0010	U	0.0010	0.00051	mg/Kg	☼	09/27/25 09:03	10/01/25 01:38	1
Isopropylbenzene	0.0010	U	0.0010	0.00029	mg/Kg	☼	09/27/25 09:03	10/01/25 01:38	1
Methyl acetate	0.0050	U	0.0050	0.0043	mg/Kg	☼	09/27/25 09:03	10/01/25 01:38	1
Methyl tert-butyl ether	0.0010	U	0.0010	0.00052	mg/Kg	☼	09/27/25 09:03	10/01/25 01:38	1
Methylcyclohexane	0.0010	U	0.0010	0.00050	mg/Kg	☼	09/27/25 09:03	10/01/25 01:38	1
Methylene Chloride	**0.0034**		0.0020	0.0012	mg/Kg	☼	09/27/25 09:03	10/01/25 01:38	1
m-Xylene & p-Xylene	0.0010	U	0.0010	0.00043	mg/Kg	☼	09/27/25 09:03	10/01/25 01:38	1
n-Butylbenzene	0.0010	U	0.0010	0.00030	mg/Kg	☼	09/27/25 09:03	10/01/25 01:38	1
N-Propylbenzene	0.0010	U	0.0010	0.00045	mg/Kg	☼	09/27/25 09:03	10/01/25 01:38	1
o-Xylene	0.0010	U	0.0010	0.00047	mg/Kg	☼	09/27/25 09:03	10/01/25 01:38	1
sec-Butylbenzene	0.0010	U	0.0010	0.00029	mg/Kg	☼	09/27/25 09:03	10/01/25 01:38	1
Styrene	0.0010	U	0.0010	0.00028	mg/Kg	☼	09/27/25 09:03	10/01/25 01:38	1

Client Sample ID: 54D2_3-4

Date Collected: 09/25/25 12:15
Date Received: 09/25/25 16:10

Lab Sample ID: 460-335747-59

Matrix: Solid
Percent Solids: 86.1

Method: SW846 8260D - Volatile Organic Compounds by GC/MS (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
tert-Butylbenzene	0.0010	U	0.0010	0.00028	mg/Kg	☼	09/27/25 09:03	10/01/25 01:38	1
Tetrachloroethene	0.0010	U	0.0010	0.00031	mg/Kg	☼	09/27/25 09:03	10/01/25 01:38	1
Toluene	0.0010	U	0.0010	0.00024	mg/Kg	☼	09/27/25 09:03	10/01/25 01:38	1
trans-1,2-Dichloroethene	0.0010	U	0.0010	0.00025	mg/Kg	☼	09/27/25 09:03	10/01/25 01:38	1
trans-1,3-Dichloropropene	0.0010	U	0.0010	0.00027	mg/Kg	☼	09/27/25 09:03	10/01/25 01:38	1
Trichloroethene	0.0010	U	0.0010	0.00032	mg/Kg	☼	09/27/25 09:03	10/01/25 01:38	1
Trichlorofluoromethane	0.0010	U	0.0010	0.00041	mg/Kg	☼	09/27/25 09:03	10/01/25 01:38	1
Vinyl chloride	0.0010	U	0.0010	0.00055	mg/Kg	☼	09/27/25 09:03	10/01/25 01:38	1
Xylenes, Total	0.0020	U	0.0020	0.00018	mg/Kg	☼	09/27/25 09:03	10/01/25 01:38	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,2-Dichloroethane-d4 (Surr)	*128*		*65 - 138*	*09/27/25 09:03*	*10/01/25 01:38*	*1*
4-Bromofluorobenzene	*108*		*71 - 128*	*09/27/25 09:03*	*10/01/25 01:38*	*1*
Dibromofluoromethane (Surr)	*123*		*50 - 150*	*09/27/25 09:03*	*10/01/25 01:38*	*1*
Toluene-d8 (Surr)	*112*		*71 - 126*	*09/27/25 09:03*	*10/01/25 01:38*	*1*

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Percent Moisture (EPA Moisture)	**13.9**		1.0	1.0	%			09/28/25 21:11	1
Percent Solids (EPA Moisture)	**86.1**		1.0	1.0	%			09/28/25 21:11	1

Client Sample ID: 54B3_5-6

Date Collected: 09/25/25 12:40
Date Received: 09/25/25 16:10

Lab Sample ID: 460-335747-60

Matrix: Solid
Percent Solids: 88.9

Method: SW846 8260D - Volatile Organic Compounds by GC/MS

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1-Trichloroethane	0.00089	U	0.00089	0.00021	mg/Kg	☼	09/27/25 09:03	10/01/25 02:02	1
1,1,2,2-Tetrachloroethane	0.00089	U	0.00089	0.00047	mg/Kg	☼	09/27/25 09:03	10/01/25 02:02	1
1,1,2-Trichloro-1,2,2-trifluoroethane	0.00089	U	0.00089	0.00027	mg/Kg	☼	09/27/25 09:03	10/01/25 02:02	1
1,1,2-Trichloroethane	0.00089	U	0.00089	0.00054	mg/Kg	☼	09/27/25 09:03	10/01/25 02:02	1
1,1-Dichloroethane	0.00089	U	0.00089	0.00053	mg/Kg	☼	09/27/25 09:03	10/01/25 02:02	1
1,1-Dichloroethene	0.00089	U	0.00089	0.00020	mg/Kg	☼	09/27/25 09:03	10/01/25 02:02	1
1,2,3-Trichlorobenzene	0.00089	U	0.00089	0.00066	mg/Kg	☼	09/27/25 09:03	10/01/25 02:02	1
1,2,4-Trichlorobenzene	0.00089	U	0.00089	0.00032	mg/Kg	☼	09/27/25 09:03	10/01/25 02:02	1
1,2,4-Trimethylbenzene	0.00089	U	0.00089	0.00022	mg/Kg	☼	09/27/25 09:03	10/01/25 02:02	1
1,2-Dibromo-3-Chloropropane	0.00089	U	0.00089	0.00041	mg/Kg	☼	09/27/25 09:03	10/01/25 02:02	1
1,2-Dichlorobenzene	0.00089	U	0.00089	0.00032	mg/Kg	☼	09/27/25 09:03	10/01/25 02:02	1
1,2-Dichloroethane	0.00089	U	0.00089	0.00026	mg/Kg	☼	09/27/25 09:03	10/01/25 02:02	1
1,2-Dichloropropane	0.00089	U	0.00089	0.00038	mg/Kg	☼	09/27/25 09:03	10/01/25 02:02	1
1,3,5-Trimethylbenzene	0.00089	U	0.00089	0.00028	mg/Kg	☼	09/27/25 09:03	10/01/25 02:02	1
1,3-Dichlorobenzene	0.00089	U	0.00089	0.00033	mg/Kg	☼	09/27/25 09:03	10/01/25 02:02	1
1,4-Dichlorobenzene	0.00089	U	0.00089	0.00046	mg/Kg	☼	09/27/25 09:03	10/01/25 02:02	1
2-Butanone (MEK)	0.0045	U	0.0045	0.00033	mg/Kg	☼	09/27/25 09:03	10/01/25 02:02	1
2-Hexanone	0.0045	U	0.0045	0.0015	mg/Kg	☼	09/27/25 09:03	10/01/25 02:02	1
4-Methyl-2-pentanone (MIBK)	0.0045	U	0.0045	0.0014	mg/Kg	☼	09/27/25 09:03	10/01/25 02:02	1
Acetone	0.0054	U	0.0054	0.0051	mg/Kg	☼	09/27/25 09:03	10/01/25 02:02	1
Benzene	0.00089	U	0.00089	0.00051	mg/Kg	☼	09/27/25 09:03	10/01/25 02:02	1
Bromoform	0.00089	U	0.00089	0.00038	mg/Kg	☼	09/27/25 09:03	10/01/25 02:02	1
Bromomethane	0.0018	U	0.0018	0.00089	mg/Kg	☼	09/27/25 09:03	10/01/25 02:02	1

Client: Haley & Aldrich, Inc.
Project/Site: Former Port Mobil

Job ID: 460-335747-1

Client Sample ID: 54B3_5-6
Date Collected: 09/25/25 12:40
Date Received: 09/25/25 16:10

Lab Sample ID: 460-335747-60
Matrix: Solid
Percent Solids: 88.9

Method: SW846 8260D - Volatile Organic Compounds by GC/MS (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Carbon disulfide	0.00089	U	0.00089	0.00024	mg/Kg	☼	09/27/25 09:03	10/01/25 02:02	1
Carbon tetrachloride	0.00089	U	0.00089	0.00035	mg/Kg	☼	09/27/25 09:03	10/01/25 02:02	1
Chlorobenzene	0.00089	U	0.00089	0.00045	mg/Kg	☼	09/27/25 09:03	10/01/25 02:02	1
Chlorobromomethane	0.00089	U	0.00089	0.00053	mg/Kg	☼	09/27/25 09:03	10/01/25 02:02	1
Chlorodibromomethane	0.00089	U	0.00089	0.00048	mg/Kg	☼	09/27/25 09:03	10/01/25 02:02	1
Chloroethane	0.00089	U	0.00089	0.00047	mg/Kg	☼	09/27/25 09:03	10/01/25 02:02	1
Chloroform	0.00089	U	0.00089	0.00087	mg/Kg	☼	09/27/25 09:03	10/01/25 02:02	1
Chloromethane	0.00089	U	0.00089	0.00039	mg/Kg	☼	09/27/25 09:03	10/01/25 02:02	1
cis-1,2-Dichloroethene	0.00089	U	0.00089	0.00032	mg/Kg	☼	09/27/25 09:03	10/01/25 02:02	1
cis-1,3-Dichloropropene	0.00089	U	0.00089	0.00024	mg/Kg	☼	09/27/25 09:03	10/01/25 02:02	1
Cyclohexane	0.00089	U	0.00089	0.00020	mg/Kg	☼	09/27/25 09:03	10/01/25 02:02	1
Dichlorobromomethane	0.00089	U	0.00089	0.00023	mg/Kg	☼	09/27/25 09:03	10/01/25 02:02	1
Dichlorodifluoromethane	0.00089	U	0.00089	0.00030	mg/Kg	☼	09/27/25 09:03	10/01/25 02:02	1
Ethylbenzene	0.00089	U	0.00089	0.00042	mg/Kg	☼	09/27/25 09:03	10/01/25 02:02	1
Ethylene Dibromide	0.00089	U	0.00089	0.00045	mg/Kg	☼	09/27/25 09:03	10/01/25 02:02	1
Isopropylbenzene	0.00089	U	0.00089	0.00025	mg/Kg	☼	09/27/25 09:03	10/01/25 02:02	1
Methyl acetate	0.0045	U	0.0045	0.0038	mg/Kg	☼	09/27/25 09:03	10/01/25 02:02	1
Methyl tert-butyl ether	0.00089	U	0.00089	0.00046	mg/Kg	☼	09/27/25 09:03	10/01/25 02:02	1
Methylcyclohexane	0.00089	U	0.00089	0.00045	mg/Kg	☼	09/27/25 09:03	10/01/25 02:02	1
Methylene Chloride	**0.0028**		0.0018	0.0010	mg/Kg	☼	09/27/25 09:03	10/01/25 02:02	1
m-Xylene & p-Xylene	0.00089	U	0.00089	0.00038	mg/Kg	☼	09/27/25 09:03	10/01/25 02:02	1
n-Butylbenzene	0.00089	U	0.00089	0.00026	mg/Kg	☼	09/27/25 09:03	10/01/25 02:02	1
N-Propylbenzene	0.00089	U	0.00089	0.00040	mg/Kg	☼	09/27/25 09:03	10/01/25 02:02	1
o-Xylene	0.00089	U	0.00089	0.00041	mg/Kg	☼	09/27/25 09:03	10/01/25 02:02	1
sec-Butylbenzene	0.00089	U	0.00089	0.00026	mg/Kg	☼	09/27/25 09:03	10/01/25 02:02	1
Styrene	0.00089	U	0.00089	0.00025	mg/Kg	☼	09/27/25 09:03	10/01/25 02:02	1
tert-Butylbenzene	0.00089	U	0.00089	0.00025	mg/Kg	☼	09/27/25 09:03	10/01/25 02:02	1
Tetrachloroethene	0.00089	U	0.00089	0.00027	mg/Kg	☼	09/27/25 09:03	10/01/25 02:02	1
Toluene	0.00089	U	0.00089	0.00021	mg/Kg	☼	09/27/25 09:03	10/01/25 02:02	1
trans-1,2-Dichloroethene	0.00089	U	0.00089	0.00022	mg/Kg	☼	09/27/25 09:03	10/01/25 02:02	1
trans-1,3-Dichloropropene	0.00089	U	0.00089	0.00024	mg/Kg	☼	09/27/25 09:03	10/01/25 02:02	1
Trichloroethene	0.00089	U	0.00089	0.00029	mg/Kg	☼	09/27/25 09:03	10/01/25 02:02	1
Trichlorofluoromethane	0.00089	U	0.00089	0.00036	mg/Kg	☼	09/27/25 09:03	10/01/25 02:02	1
Vinyl chloride	0.00089	U	0.00089	0.00049	mg/Kg	☼	09/27/25 09:03	10/01/25 02:02	1
Xylenes, Total	0.0018	U	0.0018	0.00016	mg/Kg	☼	09/27/25 09:03	10/01/25 02:02	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,2-Dichloroethane-d4 (Surr)	*122*		*65 - 138*	*09/27/25 09:03*	*10/01/25 02:02*	*1*
4-Bromofluorobenzene	*105*		*71 - 128*	*09/27/25 09:03*	*10/01/25 02:02*	*1*
Dibromofluoromethane (Surr)	*119*		*50 - 150*	*09/27/25 09:03*	*10/01/25 02:02*	*1*
Toluene-d8 (Surr)	*108*		*71 - 126*	*09/27/25 09:03*	*10/01/25 02:02*	*1*

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Percent Moisture (EPA Moisture)	**11.1**		1.0	1.0	%			09/28/25 21:11	1
Percent Solids (EPA Moisture)	**88.9**		1.0	1.0	%			09/28/25 21:11	1

Client: Haley & Aldrich, Inc.
Project/Site: Former Port Mobil

Job ID: 460-335747-1

Client Sample ID: 54B3_6-7
Date Collected: 09/25/25 12:45
Date Received: 09/25/25 16:10

Lab Sample ID: 460-335747-61
Matrix: Solid
Percent Solids: 84.3

Method: SW846 8260D - Volatile Organic Compounds by GC/MS

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1-Trichloroethane	0.00090	U	0.00090	0.00021	mg/Kg	☼	09/27/25 09:03	10/01/25 02:25	1
1,1,2,2-Tetrachloroethane	0.00090	U	0.00090	0.00047	mg/Kg	☼	09/27/25 09:03	10/01/25 02:25	1
1,1,2-Trichloro-1,2,2-trifluoroethane	0.00090	U	0.00090	0.00027	mg/Kg	☼	09/27/25 09:03	10/01/25 02:25	1
1,1,2-Trichloroethane	0.00090	U	0.00090	0.00054	mg/Kg	☼	09/27/25 09:03	10/01/25 02:25	1
1,1-Dichloroethane	0.00090	U	0.00090	0.00054	mg/Kg	☼	09/27/25 09:03	10/01/25 02:25	1
1,1-Dichloroethene	0.00090	U	0.00090	0.00020	mg/Kg	☼	09/27/25 09:03	10/01/25 02:25	1
1,2,3-Trichlorobenzene	0.00090	U	0.00090	0.00066	mg/Kg	☼	09/27/25 09:03	10/01/25 02:25	1
1,2,4-Trichlorobenzene	0.00090	U	0.00090	0.00032	mg/Kg	☼	09/27/25 09:03	10/01/25 02:25	1
1,2,4-Trimethylbenzene	0.00090	U	0.00090	0.00022	mg/Kg	☼	09/27/25 09:03	10/01/25 02:25	1
1,2-Dibromo-3-Chloropropane	0.00090	U	0.00090	0.00041	mg/Kg	☼	09/27/25 09:03	10/01/25 02:25	1
1,2-Dichlorobenzene	0.00090	U	0.00090	0.00033	mg/Kg	☼	09/27/25 09:03	10/01/25 02:25	1
1,2-Dichloroethane	0.00090	U	0.00090	0.00027	mg/Kg	☼	09/27/25 09:03	10/01/25 02:25	1
1,2-Dichloropropane	0.00090	U	0.00090	0.00038	mg/Kg	☼	09/27/25 09:03	10/01/25 02:25	1
1,3,5-Trimethylbenzene	0.00090	U	0.00090	0.00028	mg/Kg	☼	09/27/25 09:03	10/01/25 02:25	1
1,3-Dichlorobenzene	0.00090	U	0.00090	0.00033	mg/Kg	☼	09/27/25 09:03	10/01/25 02:25	1
1,4-Dichlorobenzene	0.00090	U	0.00090	0.00047	mg/Kg	☼	09/27/25 09:03	10/01/25 02:25	1
2-Butanone (MEK)	0.0045	U	0.0045	0.00033	mg/Kg	☼	09/27/25 09:03	10/01/25 02:25	1
2-Hexanone	0.0045	U	0.0045	0.0015	mg/Kg	☼	09/27/25 09:03	10/01/25 02:25	1
4-Methyl-2-pentanone (MIBK)	0.0045	U	0.0045	0.0014	mg/Kg	☼	09/27/25 09:03	10/01/25 02:25	1
Acetone	0.0054	U	0.0054	0.0052	mg/Kg	☼	09/27/25 09:03	10/01/25 02:25	1
Benzene	0.00090	U	0.00090	0.00051	mg/Kg	☼	09/27/25 09:03	10/01/25 02:25	1
Bromoform	0.00090	U	0.00090	0.00038	mg/Kg	☼	09/27/25 09:03	10/01/25 02:25	1
Bromomethane	0.0018	U	0.0018	0.00090	mg/Kg	☼	09/27/25 09:03	10/01/25 02:25	1
Carbon disulfide	0.00090	U	0.00090	0.00024	mg/Kg	☼	09/27/25 09:03	10/01/25 02:25	1
Carbon tetrachloride	0.00090	U	0.00090	0.00035	mg/Kg	☼	09/27/25 09:03	10/01/25 02:25	1
Chlorobenzene	0.00090	U	0.00090	0.00046	mg/Kg	☼	09/27/25 09:03	10/01/25 02:25	1
Chlorobromomethane	0.00090	U	0.00090	0.00054	mg/Kg	☼	09/27/25 09:03	10/01/25 02:25	1
Chlorodibromomethane	0.00090	U	0.00090	0.00048	mg/Kg	☼	09/27/25 09:03	10/01/25 02:25	1
Chloroethane	0.00090	U	0.00090	0.00047	mg/Kg	☼	09/27/25 09:03	10/01/25 02:25	1
Chloroform	0.00090	U	0.00090	0.00087	mg/Kg	☼	09/27/25 09:03	10/01/25 02:25	1
Chloromethane	0.00090	U	0.00090	0.00039	mg/Kg	☼	09/27/25 09:03	10/01/25 02:25	1
cis-1,2-Dichloroethene	0.00090	U	0.00090	0.00032	mg/Kg	☼	09/27/25 09:03	10/01/25 02:25	1
cis-1,3-Dichloropropene	0.00090	U	0.00090	0.00025	mg/Kg	☼	09/27/25 09:03	10/01/25 02:25	1
Cyclohexane	0.00090	U	0.00090	0.00020	mg/Kg	☼	09/27/25 09:03	10/01/25 02:25	1
Dichlorobromomethane	0.00090	U	0.00090	0.00023	mg/Kg	☼	09/27/25 09:03	10/01/25 02:25	1
Dichlorodifluoromethane	0.00090	U	0.00090	0.00030	mg/Kg	☼	09/27/25 09:03	10/01/25 02:25	1
Ethylbenzene	0.00090	U	0.00090	0.00042	mg/Kg	☼	09/27/25 09:03	10/01/25 02:25	1
Ethylene Dibromide	0.00090	U	0.00090	0.00045	mg/Kg	☼	09/27/25 09:03	10/01/25 02:25	1
Isopropylbenzene	0.00090	U	0.00090	0.00026	mg/Kg	☼	09/27/25 09:03	10/01/25 02:25	1
Methyl acetate	0.0045	U	0.0045	0.0039	mg/Kg	☼	09/27/25 09:03	10/01/25 02:25	1
Methyl tert-butyl ether	0.00090	U	0.00090	0.00046	mg/Kg	☼	09/27/25 09:03	10/01/25 02:25	1
Methylcyclohexane	0.00090	U	0.00090	0.00045	mg/Kg	☼	09/27/25 09:03	10/01/25 02:25	1
Methylene Chloride	**0.0026**		0.0018	0.0010	mg/Kg	☼	09/27/25 09:03	10/01/25 02:25	1
m-Xylene & p-Xylene	0.00090	U	0.00090	0.00038	mg/Kg	☼	09/27/25 09:03	10/01/25 02:25	1
n-Butylbenzene	0.00090	U	0.00090	0.00026	mg/Kg	☼	09/27/25 09:03	10/01/25 02:25	1
N-Propylbenzene	0.00090	U	0.00090	0.00040	mg/Kg	☼	09/27/25 09:03	10/01/25 02:25	1
o-Xylene	0.00090	U	0.00090	0.00042	mg/Kg	☼	09/27/25 09:03	10/01/25 02:25	1
sec-Butylbenzene	0.00090	U	0.00090	0.00026	mg/Kg	☼	09/27/25 09:03	10/01/25 02:25	1
Styrene	0.00090	U	0.00090	0.00025	mg/Kg	☼	09/27/25 09:03	10/01/25 02:25	1

Client Sample ID: 54B3_6-7

Lab Sample ID: 460-335747-61

Date Collected: 09/25/25 12:45
Matrix: Solid
Date Received: 09/25/25 16:10
Percent Solids: 84.3

Method: SW846 8260D - Volatile Organic Compounds by GC/MS (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
tert-Butylbenzene	0.00090	U	0.00090	0.00025	mg/Kg	☼	09/27/25 09:03	10/01/25 02:25	1
Tetrachloroethene	0.00090	U	0.00090	0.00027	mg/Kg	☼	09/27/25 09:03	10/01/25 02:25	1
Toluene	0.00090	U	0.00090	0.00021	mg/Kg	☼	09/27/25 09:03	10/01/25 02:25	1
trans-1,2-Dichloroethene	0.00090	U	0.00090	0.00022	mg/Kg	☼	09/27/25 09:03	10/01/25 02:25	1
trans-1,3-Dichloropropene	0.00090	U	0.00090	0.00024	mg/Kg	☼	09/27/25 09:03	10/01/25 02:25	1
Trichloroethene	0.00090	U	0.00090	0.00029	mg/Kg	☼	09/27/25 09:03	10/01/25 02:25	1
Trichlorofluoromethane	0.00090	U	0.00090	0.00037	mg/Kg	☼	09/27/25 09:03	10/01/25 02:25	1
Vinyl chloride	0.00090	U	0.00090	0.00049	mg/Kg	☼	09/27/25 09:03	10/01/25 02:25	1
Xylenes, Total	0.0018	U	0.0018	0.00016	mg/Kg	☼	09/27/25 09:03	10/01/25 02:25	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,2-Dichloroethane-d4 (Surr)	*124*		*65 - 138*	*09/27/25 09:03*	*10/01/25 02:25*	*1*
4-Bromofluorobenzene	*109*		*71 - 128*	*09/27/25 09:03*	*10/01/25 02:25*	*1*
Dibromofluoromethane (Surr)	*122*		*50 - 150*	*09/27/25 09:03*	*10/01/25 02:25*	*1*
Toluene-d8 (Surr)	*111*		*71 - 126*	*09/27/25 09:03*	*10/01/25 02:25*	*1*

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Percent Moisture (EPA Moisture)	**15.7**		1.0	1.0	%			09/28/25 21:11	1
Percent Solids (EPA Moisture)	**84.3**		1.0	1.0	%			09/28/25 21:11	1

Client Sample ID: 54B1_0-1

Lab Sample ID: 460-335747-62

Date Collected: 09/25/25 12:50
Matrix: Solid
Date Received: 09/25/25 16:10
Percent Solids: 88.1

Method: SW846 8260D - Volatile Organic Compounds by GC/MS

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1-Trichloroethane	0.00087	U	0.00087	0.00020	mg/Kg	☼	09/27/25 09:04	10/01/25 02:49	1
1,1,2,2-Tetrachloroethane	0.00087	U	0.00087	0.00046	mg/Kg	☼	09/27/25 09:04	10/01/25 02:49	1
1,1,2-Trichloro-1,2,2-trifluoroethane	0.00087	U	0.00087	0.00026	mg/Kg	☼	09/27/25 09:04	10/01/25 02:49	1
1,1,2-Trichloroethane	0.00087	U	0.00087	0.00052	mg/Kg	☼	09/27/25 09:04	10/01/25 02:49	1
1,1-Dichloroethane	0.00087	U	0.00087	0.00052	mg/Kg	☼	09/27/25 09:04	10/01/25 02:49	1
1,1-Dichloroethene	0.00087	U	0.00087	0.00020	mg/Kg	☼	09/27/25 09:04	10/01/25 02:49	1
1,2,3-Trichlorobenzene	0.00087	U	0.00087	0.00064	mg/Kg	☼	09/27/25 09:04	10/01/25 02:49	1
1,2,4-Trichlorobenzene	0.00087	U	0.00087	0.00031	mg/Kg	☼	09/27/25 09:04	10/01/25 02:49	1
1,2,4-Trimethylbenzene	0.00087	U	0.00087	0.00021	mg/Kg	☼	09/27/25 09:04	10/01/25 02:49	1
1,2-Dibromo-3-Chloropropane	0.00087	U	0.00087	0.00040	mg/Kg	☼	09/27/25 09:04	10/01/25 02:49	1
1,2-Dichlorobenzene	0.00087	U	0.00087	0.00031	mg/Kg	☼	09/27/25 09:04	10/01/25 02:49	1
1,2-Dichloroethane	0.00087	U	0.00087	0.00026	mg/Kg	☼	09/27/25 09:04	10/01/25 02:49	1
1,2-Dichloropropane	0.00087	U	0.00087	0.00037	mg/Kg	☼	09/27/25 09:04	10/01/25 02:49	1
1,3,5-Trimethylbenzene	0.00087	U	0.00087	0.00027	mg/Kg	☼	09/27/25 09:04	10/01/25 02:49	1
1,3-Dichlorobenzene	0.00087	U	0.00087	0.00032	mg/Kg	☼	09/27/25 09:04	10/01/25 02:49	1
1,4-Dichlorobenzene	0.00087	U	0.00087	0.00045	mg/Kg	☼	09/27/25 09:04	10/01/25 02:49	1
2-Butanone (MEK)	0.0044	U	0.0044	0.00032	mg/Kg	☼	09/27/25 09:04	10/01/25 02:49	1
2-Hexanone	0.0044	U	0.0044	0.0015	mg/Kg	☼	09/27/25 09:04	10/01/25 02:49	1
4-Methyl-2-pentanone (MIBK)	0.0044	U	0.0044	0.0014	mg/Kg	☼	09/27/25 09:04	10/01/25 02:49	1
Acetone	0.0052	U	0.0052	0.0050	mg/Kg	☼	09/27/25 09:04	10/01/25 02:49	1
Benzene	0.00087	U	0.00087	0.00049	mg/Kg	☼	09/27/25 09:04	10/01/25 02:49	1
Bromoform	0.00087	U	0.00087	0.00037	mg/Kg	☼	09/27/25 09:04	10/01/25 02:49	1
Bromomethane	0.0017	U	0.0017	0.00087	mg/Kg	☼	09/27/25 09:04	10/01/25 02:49	1

Client Sample ID: 54B1_0-1
Date Collected: 09/25/25 12:50
Date Received: 09/25/25 16:10

Lab Sample ID: 460-335747-62
Matrix: Solid
Percent Solids: 88.1

Method: SW846 8260D - Volatile Organic Compounds by GC/MS (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Carbon disulfide	0.00087	U	0.00087	0.00023	mg/Kg	☼	09/27/25 09:04	10/01/25 02:49	1
Carbon tetrachloride	0.00087	U	0.00087	0.00034	mg/Kg	☼	09/27/25 09:04	10/01/25 02:49	1
Chlorobenzene	0.00087	U	0.00087	0.00044	mg/Kg	☼	09/27/25 09:04	10/01/25 02:49	1
Chlorobromomethane	0.00087	U	0.00087	0.00052	mg/Kg	☼	09/27/25 09:04	10/01/25 02:49	1
Chlorodibromomethane	0.00087	U	0.00087	0.00047	mg/Kg	☼	09/27/25 09:04	10/01/25 02:49	1
Chloroethane	0.00087	U	0.00087	0.00046	mg/Kg	☼	09/27/25 09:04	10/01/25 02:49	1
Chloroform	0.00087	U	0.00087	0.00085	mg/Kg	☼	09/27/25 09:04	10/01/25 02:49	1
Chloromethane	0.00087	U	0.00087	0.00038	mg/Kg	☼	09/27/25 09:04	10/01/25 02:49	1
cis-1,2-Dichloroethene	0.00087	U	0.00087	0.00031	mg/Kg	☼	09/27/25 09:04	10/01/25 02:49	1
cis-1,3-Dichloropropene	0.00087	U	0.00087	0.00024	mg/Kg	☼	09/27/25 09:04	10/01/25 02:49	1
Cyclohexane	0.00087	U	0.00087	0.00019	mg/Kg	☼	09/27/25 09:04	10/01/25 02:49	1
Dichlorobromomethane	0.00087	U	0.00087	0.00022	mg/Kg	☼	09/27/25 09:04	10/01/25 02:49	1
Dichlorodifluoromethane	0.00087	U	0.00087	0.00029	mg/Kg	☼	09/27/25 09:04	10/01/25 02:49	1
Ethylbenzene	0.00087	U	0.00087	0.00041	mg/Kg	☼	09/27/25 09:04	10/01/25 02:49	1
Ethylene Dibromide	0.00087	U	0.00087	0.00044	mg/Kg	☼	09/27/25 09:04	10/01/25 02:49	1
Isopropylbenzene	0.00087	U	0.00087	0.00025	mg/Kg	☼	09/27/25 09:04	10/01/25 02:49	1
Methyl acetate	0.0044	U	0.0044	0.0038	mg/Kg	☼	09/27/25 09:04	10/01/25 02:49	1
Methyl tert-butyl ether	0.00087	U	0.00087	0.00045	mg/Kg	☼	09/27/25 09:04	10/01/25 02:49	1
Methylcyclohexane	0.00087	U	0.00087	0.00044	mg/Kg	☼	09/27/25 09:04	10/01/25 02:49	1
Methylene Chloride	**0.0023**		0.0017	0.0010	mg/Kg	☼	09/27/25 09:04	10/01/25 02:49	1
m-Xylene & p-Xylene	0.00087	U	0.00087	0.00037	mg/Kg	☼	09/27/25 09:04	10/01/25 02:49	1
n-Butylbenzene	0.00087	U	0.00087	0.00026	mg/Kg	☼	09/27/25 09:04	10/01/25 02:49	1
N-Propylbenzene	0.00087	U	0.00087	0.00039	mg/Kg	☼	09/27/25 09:04	10/01/25 02:49	1
o-Xylene	0.00087	U	0.00087	0.00040	mg/Kg	☼	09/27/25 09:04	10/01/25 02:49	1
sec-Butylbenzene	0.00087	U	0.00087	0.00025	mg/Kg	☼	09/27/25 09:04	10/01/25 02:49	1
Styrene	0.00087	U	0.00087	0.00024	mg/Kg	☼	09/27/25 09:04	10/01/25 02:49	1
tert-Butylbenzene	0.00087	U	0.00087	0.00024	mg/Kg	☼	09/27/25 09:04	10/01/25 02:49	1
Tetrachloroethene	0.00087	U	0.00087	0.00027	mg/Kg	☼	09/27/25 09:04	10/01/25 02:49	1
Toluene	0.00087	U	0.00087	0.00020	mg/Kg	☼	09/27/25 09:04	10/01/25 02:49	1
trans-1,2-Dichloroethene	0.00087	U	0.00087	0.00021	mg/Kg	☼	09/27/25 09:04	10/01/25 02:49	1
trans-1,3-Dichloropropene	0.00087	U	0.00087	0.00023	mg/Kg	☼	09/27/25 09:04	10/01/25 02:49	1
Trichloroethene	0.00087	U	0.00087	0.00028	mg/Kg	☼	09/27/25 09:04	10/01/25 02:49	1
Trichlorofluoromethane	0.00087	U	0.00087	0.00035	mg/Kg	☼	09/27/25 09:04	10/01/25 02:49	1
Vinyl chloride	0.00087	U	0.00087	0.00048	mg/Kg	☼	09/27/25 09:04	10/01/25 02:49	1
Xylenes, Total	0.0017	U	0.0017	0.00015	mg/Kg	☼	09/27/25 09:04	10/01/25 02:49	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,2-Dichloroethane-d4 (Surr)	*124*		*65 - 138*	*09/27/25 09:04*	*10/01/25 02:49*	*1*
4-Bromofluorobenzene	*107*		*71 - 128*	*09/27/25 09:04*	*10/01/25 02:49*	*1*
Dibromofluoromethane (Surr)	*119*		*50 - 150*	*09/27/25 09:04*	*10/01/25 02:49*	*1*
Toluene-d8 (Surr)	*109*		*71 - 126*	*09/27/25 09:04*	*10/01/25 02:49*	*1*

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Percent Moisture (EPA Moisture)	**11.9**		1.0	1.0	%			09/28/25 21:11	1
Percent Solids (EPA Moisture)	**88.1**		1.0	1.0	%			09/28/25 21:11	1

Client: Haley & Aldrich, Inc.
Project/Site: Former Port Mobil

Job ID: 460-335747-1

Client Sample ID: 54B2_7-8
Date Collected: 09/25/25 12:55
Date Received: 09/25/25 16:10

Lab Sample ID: 460-335747-63
Matrix: Solid
Percent Solids: 89.1

Method: SW846 8260D - Volatile Organic Compounds by GC/MS

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1-Trichloroethane	0.00091	U	0.00091	0.00021	mg/Kg	☼	09/27/25 09:04	10/01/25 03:13	1
1,1,2,2-Tetrachloroethane	0.00091	U	0.00091	0.00047	mg/Kg	☼	09/27/25 09:04	10/01/25 03:13	1
1,1,2-Trichloro-1,2,2-trifluoroethane	0.00091	U	0.00091	0.00027	mg/Kg	☼	09/27/25 09:04	10/01/25 03:13	1
1,1,2-Trichloroethane	0.00091	U	0.00091	0.00055	mg/Kg	☼	09/27/25 09:04	10/01/25 03:13	1
1,1-Dichloroethane	0.00091	U	0.00091	0.00054	mg/Kg	☼	09/27/25 09:04	10/01/25 03:13	1
1,1-Dichloroethene	0.00091	U	0.00091	0.00020	mg/Kg	☼	09/27/25 09:04	10/01/25 03:13	1
1,2,3-Trichlorobenzene	0.00091	U	0.00091	0.00067	mg/Kg	☼	09/27/25 09:04	10/01/25 03:13	1
1,2,4-Trichlorobenzene	0.00091	U	0.00091	0.00033	mg/Kg	☼	09/27/25 09:04	10/01/25 03:13	1
1,2,4-Trimethylbenzene	0.00091	U	0.00091	0.00022	mg/Kg	☼	09/27/25 09:04	10/01/25 03:13	1
1,2-Dibromo-3-Chloropropane	0.00091	U	0.00091	0.00042	mg/Kg	☼	09/27/25 09:04	10/01/25 03:13	1
1,2-Dichlorobenzene	0.00091	U	0.00091	0.00033	mg/Kg	☼	09/27/25 09:04	10/01/25 03:13	1
1,2-Dichloroethane	0.00091	U	0.00091	0.00027	mg/Kg	☼	09/27/25 09:04	10/01/25 03:13	1
1,2-Dichloropropane	0.00091	U	0.00091	0.00038	mg/Kg	☼	09/27/25 09:04	10/01/25 03:13	1
1,3,5-Trimethylbenzene	0.00091	U	0.00091	0.00029	mg/Kg	☼	09/27/25 09:04	10/01/25 03:13	1
1,3-Dichlorobenzene	0.00091	U	0.00091	0.00033	mg/Kg	☼	09/27/25 09:04	10/01/25 03:13	1
1,4-Dichlorobenzene	0.00091	U	0.00091	0.00047	mg/Kg	☼	09/27/25 09:04	10/01/25 03:13	1
2-Butanone (MEK)	0.0045	U	0.0045	0.00033	mg/Kg	☼	09/27/25 09:04	10/01/25 03:13	1
2-Hexanone	0.0045	U	0.0045	0.0016	mg/Kg	☼	09/27/25 09:04	10/01/25 03:13	1
4-Methyl-2-pentanone (MIBK)	0.0045	U	0.0045	0.0014	mg/Kg	☼	09/27/25 09:04	10/01/25 03:13	1
Acetone	0.0055	U	0.0055	0.0052	mg/Kg	☼	09/27/25 09:04	10/01/25 03:13	1
Benzene	0.00091	U	0.00091	0.00052	mg/Kg	☼	09/27/25 09:04	10/01/25 03:13	1
Bromoform	0.00091	U	0.00091	0.00039	mg/Kg	☼	09/27/25 09:04	10/01/25 03:13	1
Bromomethane	0.0018	U	0.0018	0.00091	mg/Kg	☼	09/27/25 09:04	10/01/25 03:13	1
Carbon disulfide	0.00091	U	0.00091	0.00024	mg/Kg	☼	09/27/25 09:04	10/01/25 03:13	1
Carbon tetrachloride	0.00091	U	0.00091	0.00035	mg/Kg	☼	09/27/25 09:04	10/01/25 03:13	1
Chlorobenzene	0.00091	U	0.00091	0.00046	mg/Kg	☼	09/27/25 09:04	10/01/25 03:13	1
Chlorobromomethane	0.00091	U	0.00091	0.00054	mg/Kg	☼	09/27/25 09:04	10/01/25 03:13	1
Chlorodibromomethane	0.00091	U	0.00091	0.00049	mg/Kg	☼	09/27/25 09:04	10/01/25 03:13	1
Chloroethane	0.00091	U	0.00091	0.00047	mg/Kg	☼	09/27/25 09:04	10/01/25 03:13	1
Chloroform	0.00091	U	0.00091	0.00088	mg/Kg	☼	09/27/25 09:04	10/01/25 03:13	1
Chloromethane	0.00091	U	0.00091	0.00040	mg/Kg	☼	09/27/25 09:04	10/01/25 03:13	1
cis-1,2-Dichloroethene	0.00091	U	0.00091	0.00033	mg/Kg	☼	09/27/25 09:04	10/01/25 03:13	1
cis-1,3-Dichloropropene	0.00091	U	0.00091	0.00025	mg/Kg	☼	09/27/25 09:04	10/01/25 03:13	1
Cyclohexane	0.00091	U	0.00091	0.00020	mg/Kg	☼	09/27/25 09:04	10/01/25 03:13	1
Dichlorobromomethane	0.00091	U	0.00091	0.00023	mg/Kg	☼	09/27/25 09:04	10/01/25 03:13	1
Dichlorodifluoromethane	0.00091	U	0.00091	0.00031	mg/Kg	☼	09/27/25 09:04	10/01/25 03:13	1
Ethylbenzene	0.00091	U	0.00091	0.00043	mg/Kg	☼	09/27/25 09:04	10/01/25 03:13	1
Ethylene Dibromide	0.00091	U	0.00091	0.00046	mg/Kg	☼	09/27/25 09:04	10/01/25 03:13	1
Isopropylbenzene	0.00091	U	0.00091	0.00026	mg/Kg	☼	09/27/25 09:04	10/01/25 03:13	1
Methyl acetate	0.0045	U	0.0045	0.0039	mg/Kg	☼	09/27/25 09:04	10/01/25 03:13	1
Methyl tert-butyl ether	0.00091	U	0.00091	0.00047	mg/Kg	☼	09/27/25 09:04	10/01/25 03:13	1
Methylcyclohexane	0.00091	U	0.00091	0.00045	mg/Kg	☼	09/27/25 09:04	10/01/25 03:13	1
Methylene Chloride	**0.0010**	**J**	0.0018	0.0010	mg/Kg	☼	09/27/25 09:04	10/01/25 03:13	1
m-Xylene & p-Xylene	0.00091	U	0.00091	0.00038	mg/Kg	☼	09/27/25 09:04	10/01/25 03:13	1
n-Butylbenzene	0.00091	U	0.00091	0.00027	mg/Kg	☼	09/27/25 09:04	10/01/25 03:13	1
N-Propylbenzene	0.00091	U	0.00091	0.00041	mg/Kg	☼	09/27/25 09:04	10/01/25 03:13	1
o-Xylene	0.00091	U	0.00091	0.00042	mg/Kg	☼	09/27/25 09:04	10/01/25 03:13	1
sec-Butylbenzene	0.00091	U	0.00091	0.00026	mg/Kg	☼	09/27/25 09:04	10/01/25 03:13	1
Styrene	0.00091	U	0.00091	0.00025	mg/Kg	☼	09/27/25 09:04	10/01/25 03:13	1

Client Sample ID: 54B2_7-8

Lab Sample ID: 460-335747-63
Date Collected: 09/25/25 12:55
Matrix: Solid
Date Received: 09/25/25 16:10
Percent Solids: 89.1

Method: SW846 8260D - Volatile Organic Compounds by GC/MS (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
tert-Butylbenzene	0.00091	U	0.00091	0.00025	mg/Kg	☼	09/27/25 09:04	10/01/25 03:13	1
Tetrachloroethene	0.00091	U	0.00091	0.00028	mg/Kg	☼	09/27/25 09:04	10/01/25 03:13	1
Toluene	0.00091	U	0.00091	0.00021	mg/Kg	☼	09/27/25 09:04	10/01/25 03:13	1
trans-1,2-Dichloroethene	0.00091	U	0.00091	0.00022	mg/Kg	☼	09/27/25 09:04	10/01/25 03:13	1
trans-1,3-Dichloropropene	0.00091	U	0.00091	0.00024	mg/Kg	☼	09/27/25 09:04	10/01/25 03:13	1
Trichloroethene	0.00091	U	0.00091	0.00029	mg/Kg	☼	09/27/25 09:04	10/01/25 03:13	1
Trichlorofluoromethane	0.00091	U	0.00091	0.00037	mg/Kg	☼	09/27/25 09:04	10/01/25 03:13	1
Vinyl chloride	0.00091	U	0.00091	0.00050	mg/Kg	☼	09/27/25 09:04	10/01/25 03:13	1
Xylenes, Total	0.0018	U	0.0018	0.00016	mg/Kg	☼	09/27/25 09:04	10/01/25 03:13	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,2-Dichloroethane-d4 (Surr)	*120*		*65 - 138*	*09/27/25 09:04*	*10/01/25 03:13*	*1*
4-Bromofluorobenzene	*105*		*71 - 128*	*09/27/25 09:04*	*10/01/25 03:13*	*1*
Dibromofluoromethane (Surr)	*116*		*50 - 150*	*09/27/25 09:04*	*10/01/25 03:13*	*1*
Toluene-d8 (Surr)	*108*		*71 - 126*	*09/27/25 09:04*	*10/01/25 03:13*	*1*

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Percent Moisture (EPA Moisture)	**10.9**		1.0	1.0	%			09/28/25 21:11	1
Percent Solids (EPA Moisture)	**89.1**		1.0	1.0	%			09/28/25 21:11	1

Client Sample ID: 54B1_2-3

Lab Sample ID: 460-335747-64
Date Collected: 09/25/25 13:00
Matrix: Solid
Date Received: 09/25/25 16:10
Percent Solids: 89.1

Method: SW846 8260D - Volatile Organic Compounds by GC/MS

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1-Trichloroethane	0.00080	U	0.00080	0.00019	mg/Kg	☼	09/27/25 09:04	10/01/25 03:37	1
1,1,2,2-Tetrachloroethane	0.00080	U	0.00080	0.00042	mg/Kg	☼	09/27/25 09:04	10/01/25 03:37	1
1,1,2-Trichloro-1,2,2-trifluoroethane	0.00080	U	0.00080	0.00024	mg/Kg	☼	09/27/25 09:04	10/01/25 03:37	1
1,1,2-Trichloroethane	0.00080	U	0.00080	0.00048	mg/Kg	☼	09/27/25 09:04	10/01/25 03:37	1
1,1-Dichloroethane	0.00080	U	0.00080	0.00048	mg/Kg	☼	09/27/25 09:04	10/01/25 03:37	1
1,1-Dichloroethene	0.00080	U	0.00080	0.00018	mg/Kg	☼	09/27/25 09:04	10/01/25 03:37	1
1,2,3-Trichlorobenzene	0.00080	U	0.00080	0.00059	mg/Kg	☼	09/27/25 09:04	10/01/25 03:37	1
1,2,4-Trichlorobenzene	0.00080	U	0.00080	0.00029	mg/Kg	☼	09/27/25 09:04	10/01/25 03:37	1
1,2,4-Trimethylbenzene	0.00080	U	0.00080	0.00020	mg/Kg	☼	09/27/25 09:04	10/01/25 03:37	1
1,2-Dibromo-3-Chloropropane	0.00080	U	0.00080	0.00037	mg/Kg	☼	09/27/25 09:04	10/01/25 03:37	1
1,2-Dichlorobenzene	0.00080	U	0.00080	0.00029	mg/Kg	☼	09/27/25 09:04	10/01/25 03:37	1
1,2-Dichloroethane	0.00080	U	0.00080	0.00024	mg/Kg	☼	09/27/25 09:04	10/01/25 03:37	1
1,2-Dichloropropane	0.00080	U	0.00080	0.00034	mg/Kg	☼	09/27/25 09:04	10/01/25 03:37	1
1,3,5-Trimethylbenzene	0.00080	U	0.00080	0.00025	mg/Kg	☼	09/27/25 09:04	10/01/25 03:37	1
1,3-Dichlorobenzene	0.00080	U	0.00080	0.00029	mg/Kg	☼	09/27/25 09:04	10/01/25 03:37	1
1,4-Dichlorobenzene	0.00080	U	0.00080	0.00042	mg/Kg	☼	09/27/25 09:04	10/01/25 03:37	1
2-Butanone (MEK)	0.0040	U	0.0040	0.00030	mg/Kg	☼	09/27/25 09:04	10/01/25 03:37	1
2-Hexanone	0.0040	U	0.0040	0.0014	mg/Kg	☼	09/27/25 09:04	10/01/25 03:37	1
4-Methyl-2-pentanone (MIBK)	0.0040	U	0.0040	0.0012	mg/Kg	☼	09/27/25 09:04	10/01/25 03:37	1
Acetone	0.0048	U	0.0048	0.0046	mg/Kg	☼	09/27/25 09:04	10/01/25 03:37	1
Benzene	0.00080	U	0.00080	0.00045	mg/Kg	☼	09/27/25 09:04	10/01/25 03:37	1
Bromoform	0.00080	U	0.00080	0.00034	mg/Kg	☼	09/27/25 09:04	10/01/25 03:37	1
Bromomethane	0.0016	U	0.0016	0.00080	mg/Kg	☼	09/27/25 09:04	10/01/25 03:37	1

Client Sample ID: 54B1_2-3
Date Collected: 09/25/25 13:00
Date Received: 09/25/25 16:10

Lab Sample ID: 460-335747-64
Matrix: Solid
Percent Solids: 89.1

Method: SW846 8260D - Volatile Organic Compounds by GC/MS (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Carbon disulfide	0.00080	U	0.00080	0.00021	mg/Kg	☼	09/27/25 09:04	10/01/25 03:37	1
Carbon tetrachloride	0.00080	U	0.00080	0.00031	mg/Kg	☼	09/27/25 09:04	10/01/25 03:37	1
Chlorobenzene	0.00080	U	0.00080	0.00041	mg/Kg	☼	09/27/25 09:04	10/01/25 03:37	1
Chlorobromomethane	0.00080	U	0.00080	0.00048	mg/Kg	☼	09/27/25 09:04	10/01/25 03:37	1
Chlorodibromomethane	0.00080	U	0.00080	0.00043	mg/Kg	☼	09/27/25 09:04	10/01/25 03:37	1
Chloroethane	0.00080	U	0.00080	0.00042	mg/Kg	☼	09/27/25 09:04	10/01/25 03:37	1
Chloroform	0.00080	U	0.00080	0.00078	mg/Kg	☼	09/27/25 09:04	10/01/25 03:37	1
Chloromethane	0.00080	U	0.00080	0.00035	mg/Kg	☼	09/27/25 09:04	10/01/25 03:37	1
cis-1,2-Dichloroethene	0.00080	U	0.00080	0.00029	mg/Kg	☼	09/27/25 09:04	10/01/25 03:37	1
cis-1,3-Dichloropropene	0.00080	U	0.00080	0.00022	mg/Kg	☼	09/27/25 09:04	10/01/25 03:37	1
Cyclohexane	0.00080	U	0.00080	0.00018	mg/Kg	☼	09/27/25 09:04	10/01/25 03:37	1
Dichlorobromomethane	0.00080	U	0.00080	0.00021	mg/Kg	☼	09/27/25 09:04	10/01/25 03:37	1
Dichlorodifluoromethane	0.00080	U	0.00080	0.00027	mg/Kg	☼	09/27/25 09:04	10/01/25 03:37	1
Ethylbenzene	0.00080	U	0.00080	0.00038	mg/Kg	☼	09/27/25 09:04	10/01/25 03:37	1
Ethylene Dibromide	0.00080	U	0.00080	0.00040	mg/Kg	☼	09/27/25 09:04	10/01/25 03:37	1
Isopropylbenzene	0.00080	U	0.00080	0.00023	mg/Kg	☼	09/27/25 09:04	10/01/25 03:37	1
Methyl acetate	0.0040	U	0.0040	0.0034	mg/Kg	☼	09/27/25 09:04	10/01/25 03:37	1
Methyl tert-butyl ether	0.00080	U	0.00080	0.00041	mg/Kg	☼	09/27/25 09:04	10/01/25 03:37	1
Methylcyclohexane	0.00080	U	0.00080	0.00040	mg/Kg	☼	09/27/25 09:04	10/01/25 03:37	1
Methylene Chloride	**0.0013**	**J**	0.0016	0.00092	mg/Kg	☼	09/27/25 09:04	10/01/25 03:37	1
m-Xylene & p-Xylene	0.00080	U	0.00080	0.00034	mg/Kg	☼	09/27/25 09:04	10/01/25 03:37	1
n-Butylbenzene	0.00080	U	0.00080	0.00024	mg/Kg	☼	09/27/25 09:04	10/01/25 03:37	1
N-Propylbenzene	0.00080	U	0.00080	0.00036	mg/Kg	☼	09/27/25 09:04	10/01/25 03:37	1
o-Xylene	0.00080	U	0.00080	0.00037	mg/Kg	☼	09/27/25 09:04	10/01/25 03:37	1
sec-Butylbenzene	0.00080	U	0.00080	0.00023	mg/Kg	☼	09/27/25 09:04	10/01/25 03:37	1
Styrene	0.00080	U	0.00080	0.00022	mg/Kg	☼	09/27/25 09:04	10/01/25 03:37	1
tert-Butylbenzene	0.00080	U	0.00080	0.00022	mg/Kg	☼	09/27/25 09:04	10/01/25 03:37	1
Tetrachloroethene	0.00080	U	0.00080	0.00024	mg/Kg	☼	09/27/25 09:04	10/01/25 03:37	1
Toluene	0.00080	U	0.00080	0.00019	mg/Kg	☼	09/27/25 09:04	10/01/25 03:37	1
trans-1,2-Dichloroethene	0.00080	U	0.00080	0.00020	mg/Kg	☼	09/27/25 09:04	10/01/25 03:37	1
trans-1,3-Dichloropropene	0.00080	U	0.00080	0.00021	mg/Kg	☼	09/27/25 09:04	10/01/25 03:37	1
Trichloroethene	0.00080	U	0.00080	0.00026	mg/Kg	☼	09/27/25 09:04	10/01/25 03:37	1
Trichlorofluoromethane	0.00080	U	0.00080	0.00033	mg/Kg	☼	09/27/25 09:04	10/01/25 03:37	1
Vinyl chloride	0.00080	U	0.00080	0.00044	mg/Kg	☼	09/27/25 09:04	10/01/25 03:37	1
Xylenes, Total	0.0016	U	0.0016	0.00014	mg/Kg	☼	09/27/25 09:04	10/01/25 03:37	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,2-Dichloroethane-d4 (Surr)	*130*		*65 - 138*	*09/27/25 09:04*	*10/01/25 03:37*	*1*
4-Bromofluorobenzene	*111*		*71 - 128*	*09/27/25 09:04*	*10/01/25 03:37*	*1*
Dibromofluoromethane (Surr)	*123*		*50 - 150*	*09/27/25 09:04*	*10/01/25 03:37*	*1*
Toluene-d8 (Surr)	*112*		*71 - 126*	*09/27/25 09:04*	*10/01/25 03:37*	*1*

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Percent Moisture (EPA Moisture)	**10.9**		1.0	1.0	%			09/28/25 21:11	1
Percent Solids (EPA Moisture)	**89.1**		1.0	1.0	%			09/28/25 21:11	1

Client: Haley & Aldrich, Inc.
Project/Site: Former Port Mobil

Job ID: 460-335747-1

Client Sample ID: 54B2_3-4
Date Collected: 09/25/25 13:05
Date Received: 09/25/25 16:10

Lab Sample ID: 460-335747-65
Matrix: Solid
Percent Solids: 87.0

Method: SW846 8260D - Volatile Organic Compounds by GC/MS

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1-Trichloroethane	0.00092	U	0.00092	0.00022	mg/Kg	☼	09/27/25 09:14	10/01/25 09:56	1
1,1,2,2-Tetrachloroethane	0.00092	U	0.00092	0.00048	mg/Kg	☼	09/27/25 09:14	10/01/25 09:56	1
1,1,2-Trichloro-1,2,2-trifluoroethane	0.00092	U	0.00092	0.00028	mg/Kg	☼	09/27/25 09:14	10/01/25 09:56	1
1,1,2-Trichloroethane	0.00092	U	0.00092	0.00056	mg/Kg	☼	09/27/25 09:14	10/01/25 09:56	1
1,1-Dichloroethane	0.00092	U	0.00092	0.00055	mg/Kg	☼	09/27/25 09:14	10/01/25 09:56	1
1,1-Dichloroethene	0.00092	U	0.00092	0.00021	mg/Kg	☼	09/27/25 09:14	10/01/25 09:56	1
1,2,3-Trichlorobenzene	0.00092	U	0.00092	0.00068	mg/Kg	☼	09/27/25 09:14	10/01/25 09:56	1
1,2,4-Trichlorobenzene	0.00092	U	0.00092	0.00033	mg/Kg	☼	09/27/25 09:14	10/01/25 09:56	1
1,2,4-Trimethylbenzene	0.00092	U	0.00092	0.00023	mg/Kg	☼	09/27/25 09:14	10/01/25 09:56	1
1,2-Dibromo-3-Chloropropane	0.00092	U	0.00092	0.00042	mg/Kg	☼	09/27/25 09:14	10/01/25 09:56	1
1,2-Dichlorobenzene	0.00092	U	0.00092	0.00033	mg/Kg	☼	09/27/25 09:14	10/01/25 09:56	1
1,2-Dichloroethane	0.00092	U	0.00092	0.00027	mg/Kg	☼	09/27/25 09:14	10/01/25 09:56	1
1,2-Dichloropropane	0.00092	U	0.00092	0.00039	mg/Kg	☼	09/27/25 09:14	10/01/25 09:56	1
1,3,5-Trimethylbenzene	0.00092	U	0.00092	0.00029	mg/Kg	☼	09/27/25 09:14	10/01/25 09:56	1
1,3-Dichlorobenzene	0.00092	U	0.00092	0.00034	mg/Kg	☼	09/27/25 09:14	10/01/25 09:56	1
1,4-Dichlorobenzene	0.00092	U	0.00092	0.00048	mg/Kg	☼	09/27/25 09:14	10/01/25 09:56	1
2-Butanone (MEK)	0.0046	U	0.0046	0.00034	mg/Kg	☼	09/27/25 09:14	10/01/25 09:56	1
2-Hexanone	0.0046	U	0.0046	0.0016	mg/Kg	☼	09/27/25 09:14	10/01/25 09:56	1
4-Methyl-2-pentanone (MIBK)	0.0046	U	0.0046	0.0014	mg/Kg	☼	09/27/25 09:14	10/01/25 09:56	1
Acetone	0.0055	U	0.0055	0.0053	mg/Kg	☼	09/27/25 09:14	10/01/25 09:56	1
Benzene	0.00092	U	0.00092	0.00052	mg/Kg	☼	09/27/25 09:14	10/01/25 09:56	1
Bromoform	0.00092	U	0.00092	0.00039	mg/Kg	☼	09/27/25 09:14	10/01/25 09:56	1
Bromomethane	0.0018	U	0.0018	0.00092	mg/Kg	☼	09/27/25 09:14	10/01/25 09:56	1
Carbon disulfide	0.00092	U	0.00092	0.00025	mg/Kg	☼	09/27/25 09:14	10/01/25 09:56	1
Carbon tetrachloride	0.00092	U	0.00092	0.00036	mg/Kg	☼	09/27/25 09:14	10/01/25 09:56	1
Chlorobenzene	0.00092	U	0.00092	0.00047	mg/Kg	☼	09/27/25 09:14	10/01/25 09:56	1
Chlorobromomethane	0.00092	U	0.00092	0.00055	mg/Kg	☼	09/27/25 09:14	10/01/25 09:56	1
Chlorodibromomethane	0.00092	U	0.00092	0.00050	mg/Kg	☼	09/27/25 09:14	10/01/25 09:56	1
Chloroethane	0.00092	U	0.00092	0.00048	mg/Kg	☼	09/27/25 09:14	10/01/25 09:56	1
Chloroform	0.00092	U	0.00092	0.00090	mg/Kg	☼	09/27/25 09:14	10/01/25 09:56	1
Chloromethane	0.00092	U	0.00092	0.00040	mg/Kg	☼	09/27/25 09:14	10/01/25 09:56	1
cis-1,2-Dichloroethene	0.00092	U	0.00092	0.00033	mg/Kg	☼	09/27/25 09:14	10/01/25 09:56	1
cis-1,3-Dichloropropene	0.00092	U	0.00092	0.00025	mg/Kg	☼	09/27/25 09:14	10/01/25 09:56	1
Cyclohexane	0.00092	U	0.00092	0.00020	mg/Kg	☼	09/27/25 09:14	10/01/25 09:56	1
Dichlorobromomethane	0.00092	U	0.00092	0.00024	mg/Kg	☼	09/27/25 09:14	10/01/25 09:56	1
Dichlorodifluoromethane	0.00092	U	0.00092	0.00031	mg/Kg	☼	09/27/25 09:14	10/01/25 09:56	1
Ethylbenzene	0.00092	U	0.00092	0.00043	mg/Kg	☼	09/27/25 09:14	10/01/25 09:56	1
Ethylene Dibromide	0.00092	U	0.00092	0.00047	mg/Kg	☼	09/27/25 09:14	10/01/25 09:56	1
Isopropylbenzene	0.00092	U	0.00092	0.00026	mg/Kg	☼	09/27/25 09:14	10/01/25 09:56	1
Methyl acetate	0.0046	U	0.0046	0.0040	mg/Kg	☼	09/27/25 09:14	10/01/25 09:56	1
Methyl tert-butyl ether	0.00092	U	0.00092	0.00047	mg/Kg	☼	09/27/25 09:14	10/01/25 09:56	1
Methylcyclohexane	0.00092	U	0.00092	0.00046	mg/Kg	☼	09/27/25 09:14	10/01/25 09:56	1
Methylene Chloride	**0.0030**		0.0018	0.0011	mg/Kg	☼	09/27/25 09:14	10/01/25 09:56	1
m-Xylene & p-Xylene	0.00092	U	0.00092	0.00039	mg/Kg	☼	09/27/25 09:14	10/01/25 09:56	1
n-Butylbenzene	0.00092	U	0.00092	0.00027	mg/Kg	☼	09/27/25 09:14	10/01/25 09:56	1
N-Propylbenzene	0.00092	U	0.00092	0.00041	mg/Kg	☼	09/27/25 09:14	10/01/25 09:56	1
o-Xylene	0.00092	U	0.00092	0.00043	mg/Kg	☼	09/27/25 09:14	10/01/25 09:56	1
sec-Butylbenzene	0.00092	U	0.00092	0.00027	mg/Kg	☼	09/27/25 09:14	10/01/25 09:56	1
Styrene	0.00092	U	0.00092	0.00026	mg/Kg	☼	09/27/25 09:14	10/01/25 09:56	1

Client Sample ID: 54B2_3-4

Date Collected: 09/25/25 13:05
Date Received: 09/25/25 16:10

Lab Sample ID: 460-335747-65

Matrix: Solid
Percent Solids: 87.0

Method: SW846 8260D - Volatile Organic Compounds by GC/MS (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
tert-Butylbenzene	0.00092	U	0.00092	0.00025	mg/Kg	☼	09/27/25 09:14	10/01/25 09:56	1
Tetrachloroethene	0.00092	U	0.00092	0.00028	mg/Kg	☼	09/27/25 09:14	10/01/25 09:56	1
Toluene	0.00092	U	0.00092	0.00022	mg/Kg	☼	09/27/25 09:14	10/01/25 09:56	1
trans-1,2-Dichloroethene	0.00092	U	0.00092	0.00023	mg/Kg	☼	09/27/25 09:14	10/01/25 09:56	1
trans-1,3-Dichloropropene	0.00092	U	0.00092	0.00025	mg/Kg	☼	09/27/25 09:14	10/01/25 09:56	1
Trichloroethene	0.00092	U	0.00092	0.00030	mg/Kg	☼	09/27/25 09:14	10/01/25 09:56	1
Trichlorofluoromethane	0.00092	U	0.00092	0.00037	mg/Kg	☼	09/27/25 09:14	10/01/25 09:56	1
Vinyl chloride	0.00092	U	0.00092	0.00050	mg/Kg	☼	09/27/25 09:14	10/01/25 09:56	1
Xylenes, Total	0.0018	U	0.0018	0.00016	mg/Kg	☼	09/27/25 09:14	10/01/25 09:56	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,2-Dichloroethane-d4 (Surr)	*133*		*65 - 138*	*09/27/25 09:14*	*10/01/25 09:56*	*1*
4-Bromofluorobenzene	*118*		*71 - 128*	*09/27/25 09:14*	*10/01/25 09:56*	*1*
Dibromofluoromethane (Surr)	*128*		*50 - 150*	*09/27/25 09:14*	*10/01/25 09:56*	*1*
Toluene-d8 (Surr)	*120*		*71 - 126*	*09/27/25 09:14*	*10/01/25 09:56*	*1*

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Percent Moisture (EPA Moisture)	**13.0**		1.0	1.0	%			09/28/25 21:11	1
Percent Solids (EPA Moisture)	**87.0**		1.0	1.0	%			09/28/25 21:11	1

Client Sample ID: 54A1_0-1

Date Collected: 09/25/25 13:45
Date Received: 09/25/25 16:10

Lab Sample ID: 460-335747-66

Matrix: Solid
Percent Solids: 90.8

Method: SW846 8260D - Volatile Organic Compounds by GC/MS

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1-Trichloroethane	0.00080	U	0.00080	0.00019	mg/Kg	☼	09/27/25 09:14	10/01/25 10:20	1
1,1,2,2-Tetrachloroethane	0.00080	U	0.00080	0.00042	mg/Kg	☼	09/27/25 09:14	10/01/25 10:20	1
1,1,2-Trichloro-1,2,2-trifluoroethane	0.00080	U	0.00080	0.00024	mg/Kg	☼	09/27/25 09:14	10/01/25 10:20	1
1,1,2-Trichloroethane	0.00080	U	0.00080	0.00048	mg/Kg	☼	09/27/25 09:14	10/01/25 10:20	1
1,1-Dichloroethane	0.00080	U	0.00080	0.00048	mg/Kg	☼	09/27/25 09:14	10/01/25 10:20	1
1,1-Dichloroethene	0.00080	U	0.00080	0.00018	mg/Kg	☼	09/27/25 09:14	10/01/25 10:20	1
1,2,3-Trichlorobenzene	0.00080	U	0.00080	0.00059	mg/Kg	☼	09/27/25 09:14	10/01/25 10:20	1
1,2,4-Trichlorobenzene	0.00080	U	0.00080	0.00029	mg/Kg	☼	09/27/25 09:14	10/01/25 10:20	1
1,2,4-Trimethylbenzene	0.00080	U	0.00080	0.00020	mg/Kg	☼	09/27/25 09:14	10/01/25 10:20	1
1,2-Dibromo-3-Chloropropane	0.00080	U	0.00080	0.00037	mg/Kg	☼	09/27/25 09:14	10/01/25 10:20	1
1,2-Dichlorobenzene	0.00080	U	0.00080	0.00029	mg/Kg	☼	09/27/25 09:14	10/01/25 10:20	1
1,2-Dichloroethane	0.00080	U	0.00080	0.00024	mg/Kg	☼	09/27/25 09:14	10/01/25 10:20	1
1,2-Dichloropropane	0.00080	U	0.00080	0.00034	mg/Kg	☼	09/27/25 09:14	10/01/25 10:20	1
1,3,5-Trimethylbenzene	0.00080	U	0.00080	0.00025	mg/Kg	☼	09/27/25 09:14	10/01/25 10:20	1
1,3-Dichlorobenzene	0.00080	U	0.00080	0.00029	mg/Kg	☼	09/27/25 09:14	10/01/25 10:20	1
1,4-Dichlorobenzene	0.00080	U	0.00080	0.00042	mg/Kg	☼	09/27/25 09:14	10/01/25 10:20	1
2-Butanone (MEK)	0.0040	U	0.0040	0.00030	mg/Kg	☼	09/27/25 09:14	10/01/25 10:20	1
2-Hexanone	0.0040	U	0.0040	0.0014	mg/Kg	☼	09/27/25 09:14	10/01/25 10:20	1
4-Methyl-2-pentanone (MIBK)	0.0040	U	0.0040	0.0012	mg/Kg	☼	09/27/25 09:14	10/01/25 10:20	1
Acetone	0.0048	U	0.0048	0.0046	mg/Kg	☼	09/27/25 09:14	10/01/25 10:20	1
Benzene	0.00080	U	0.00080	0.00046	mg/Kg	☼	09/27/25 09:14	10/01/25 10:20	1
Bromoform	0.00080	U	0.00080	0.00034	mg/Kg	☼	09/27/25 09:14	10/01/25 10:20	1
Bromomethane	0.0016	U	0.0016	0.00080	mg/Kg	☼	09/27/25 09:14	10/01/25 10:20	1

Client Sample ID: 54A1_0-1
Date Collected: 09/25/25 13:45
Date Received: 09/25/25 16:10

Lab Sample ID: 460-335747-66
Matrix: Solid
Percent Solids: 90.8

Method: SW846 8260D - Volatile Organic Compounds by GC/MS (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Carbon disulfide	0.00080	U	0.00080	0.00021	mg/Kg	☼	09/27/25 09:14	10/01/25 10:20	1
Carbon tetrachloride	0.00080	U	0.00080	0.00031	mg/Kg	☼	09/27/25 09:14	10/01/25 10:20	1
Chlorobenzene	0.00080	U	0.00080	0.00041	mg/Kg	☼	09/27/25 09:14	10/01/25 10:20	1
Chlorobromomethane	0.00080	U	0.00080	0.00048	mg/Kg	☼	09/27/25 09:14	10/01/25 10:20	1
Chlorodibromomethane	0.00080	U	0.00080	0.00043	mg/Kg	☼	09/27/25 09:14	10/01/25 10:20	1
Chloroethane	0.00080	U	0.00080	0.00042	mg/Kg	☼	09/27/25 09:14	10/01/25 10:20	1
Chloroform	0.00080	U	0.00080	0.00078	mg/Kg	☼	09/27/25 09:14	10/01/25 10:20	1
Chloromethane	0.00080	U	0.00080	0.00035	mg/Kg	☼	09/27/25 09:14	10/01/25 10:20	1
cis-1,2-Dichloroethene	0.00080	U	0.00080	0.00029	mg/Kg	☼	09/27/25 09:14	10/01/25 10:20	1
cis-1,3-Dichloropropene	0.00080	U	0.00080	0.00022	mg/Kg	☼	09/27/25 09:14	10/01/25 10:20	1
Cyclohexane	0.00080	U	0.00080	0.00018	mg/Kg	☼	09/27/25 09:14	10/01/25 10:20	1
Dichlorobromomethane	0.00080	U	0.00080	0.00021	mg/Kg	☼	09/27/25 09:14	10/01/25 10:20	1
Dichlorodifluoromethane	0.00080	U	0.00080	0.00027	mg/Kg	☼	09/27/25 09:14	10/01/25 10:20	1
Ethylbenzene	0.00080	U	0.00080	0.00038	mg/Kg	☼	09/27/25 09:14	10/01/25 10:20	1
Ethylene Dibromide	0.00080	U	0.00080	0.00041	mg/Kg	☼	09/27/25 09:14	10/01/25 10:20	1
Isopropylbenzene	0.00080	U	0.00080	0.00023	mg/Kg	☼	09/27/25 09:14	10/01/25 10:20	1
Methyl acetate	0.0040	U	0.0040	0.0035	mg/Kg	☼	09/27/25 09:14	10/01/25 10:20	1
Methyl tert-butyl ether	0.00080	U	0.00080	0.00041	mg/Kg	☼	09/27/25 09:14	10/01/25 10:20	1
Methylcyclohexane	0.00080	U	0.00080	0.00040	mg/Kg	☼	09/27/25 09:14	10/01/25 10:20	1
Methylene Chloride	**0.0025**		0.0016	0.00092	mg/Kg	☼	09/27/25 09:14	10/01/25 10:20	1
m-Xylene & p-Xylene	0.00080	U	0.00080	0.00034	mg/Kg	☼	09/27/25 09:14	10/01/25 10:20	1
n-Butylbenzene	0.00080	U	0.00080	0.00024	mg/Kg	☼	09/27/25 09:14	10/01/25 10:20	1
N-Propylbenzene	0.00080	U	0.00080	0.00036	mg/Kg	☼	09/27/25 09:14	10/01/25 10:20	1
o-Xylene	0.00080	U	0.00080	0.00037	mg/Kg	☼	09/27/25 09:14	10/01/25 10:20	1
sec-Butylbenzene	0.00080	U	0.00080	0.00023	mg/Kg	☼	09/27/25 09:14	10/01/25 10:20	1
Styrene	0.00080	U	0.00080	0.00022	mg/Kg	☼	09/27/25 09:14	10/01/25 10:20	1
tert-Butylbenzene	0.00080	U	0.00080	0.00022	mg/Kg	☼	09/27/25 09:14	10/01/25 10:20	1
Tetrachloroethene	0.00080	U	0.00080	0.00025	mg/Kg	☼	09/27/25 09:14	10/01/25 10:20	1
Toluene	0.00080	U	0.00080	0.00019	mg/Kg	☼	09/27/25 09:14	10/01/25 10:20	1
trans-1,2-Dichloroethene	0.00080	U	0.00080	0.00020	mg/Kg	☼	09/27/25 09:14	10/01/25 10:20	1
trans-1,3-Dichloropropene	0.00080	U	0.00080	0.00021	mg/Kg	☼	09/27/25 09:14	10/01/25 10:20	1
Trichloroethene	0.00080	U	0.00080	0.00026	mg/Kg	☼	09/27/25 09:14	10/01/25 10:20	1
Trichlorofluoromethane	0.00080	U	0.00080	0.00033	mg/Kg	☼	09/27/25 09:14	10/01/25 10:20	1
Vinyl chloride	0.00080	U	0.00080	0.00044	mg/Kg	☼	09/27/25 09:14	10/01/25 10:20	1
Xylenes, Total	0.0016	U	0.0016	0.00014	mg/Kg	☼	09/27/25 09:14	10/01/25 10:20	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,2-Dichloroethane-d4 (Surr)	*113*		*65 - 138*	*09/27/25 09:14*	*10/01/25 10:20*	*1*
4-Bromofluorobenzene	*105*		*71 - 128*	*09/27/25 09:14*	*10/01/25 10:20*	*1*
Dibromofluoromethane (Surr)	*114*		*50 - 150*	*09/27/25 09:14*	*10/01/25 10:20*	*1*
Toluene-d8 (Surr)	*105*		*71 - 126*	*09/27/25 09:14*	*10/01/25 10:20*	*1*

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Percent Moisture (EPA Moisture)	**9.2**		1.0	1.0	%			09/28/25 21:11	1
Percent Solids (EPA Moisture)	**90.8**		1.0	1.0	%			09/28/25 21:11	1

Client: Haley & Aldrich, Inc.
Project/Site: Former Port Mobil

Job ID: 460-335747-1

Client Sample ID: 54A3_5-6
Date Collected: 09/25/25 13:50
Date Received: 09/25/25 16:10

Lab Sample ID: 460-335747-67
Matrix: Solid
Percent Solids: 86.3

Method: SW846 8260D - Volatile Organic Compounds by GC/MS

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1-Trichloroethane	0.0010	U	0.0010	0.00024	mg/Kg	☼	09/27/25 09:14	09/30/25 18:46	1
1,1,2,2-Tetrachloroethane	0.0010	U	0.0010	0.00054	mg/Kg	☼	09/27/25 09:14	09/30/25 18:46	1
1,1,2-Trichloro-1,2,2-trifluoroethane	0.0010	U	0.0010	0.00031	mg/Kg	☼	09/27/25 09:14	09/30/25 18:46	1
1,1,2-Trichloroethane	0.0010	U	0.0010	0.00063	mg/Kg	☼	09/27/25 09:14	09/30/25 18:46	1
1,1-Dichloroethane	0.0010	U	0.0010	0.00062	mg/Kg	☼	09/27/25 09:14	09/30/25 18:46	1
1,1-Dichloroethene	0.0010	U	0.0010	0.00023	mg/Kg	☼	09/27/25 09:14	09/30/25 18:46	1
1,2,3-Trichlorobenzene	0.0010	U	0.0010	0.00077	mg/Kg	☼	09/27/25 09:14	09/30/25 18:46	1
1,2,4-Trichlorobenzene	0.0010	U *	0.0010	0.00037	mg/Kg	☼	09/27/25 09:14	09/30/25 18:46	1
1,2,4-Trimethylbenzene	0.0010	U	0.0010	0.00026	mg/Kg	☼	09/27/25 09:14	09/30/25 18:46	1
1,2-Dibromo-3-Chloropropane	0.0010	U	0.0010	0.00048	mg/Kg	☼	09/27/25 09:14	09/30/25 18:46	1
1,2-Dichlorobenzene	0.0010	U	0.0010	0.00038	mg/Kg	☼	09/27/25 09:14	09/30/25 18:46	1
1,2-Dichloroethane	0.0010	U	0.0010	0.00031	mg/Kg	☼	09/27/25 09:14	09/30/25 18:46	1
1,2-Dichloropropane	0.0010	U	0.0010	0.00044	mg/Kg	☼	09/27/25 09:14	09/30/25 18:46	1
1,3,5-Trimethylbenzene	0.0010	U	0.0010	0.00033	mg/Kg	☼	09/27/25 09:14	09/30/25 18:46	1
1,3-Dichlorobenzene	0.0010	U	0.0010	0.00038	mg/Kg	☼	09/27/25 09:14	09/30/25 18:46	1
1,4-Dichlorobenzene	0.0010	U	0.0010	0.00054	mg/Kg	☼	09/27/25 09:14	09/30/25 18:46	1
2-Butanone (MEK)	0.0052	U	0.0052	0.00038	mg/Kg	☼	09/27/25 09:14	09/30/25 18:46	1
2-Hexanone	0.0052	U	0.0052	0.0018	mg/Kg	☼	09/27/25 09:14	09/30/25 18:46	1
4-Methyl-2-pentanone (MIBK)	0.0052	U	0.0052	0.0016	mg/Kg	☼	09/27/25 09:14	09/30/25 18:46	1
Acetone	0.0063	U	0.0063	0.0060	mg/Kg	☼	09/27/25 09:14	09/30/25 18:46	1
Benzene	0.0010	U	0.0010	0.00059	mg/Kg	☼	09/27/25 09:14	09/30/25 18:46	1
Bromoform	0.0010	U *	0.0010	0.00044	mg/Kg	☼	09/27/25 09:14	09/30/25 18:46	1
Bromomethane	0.0021	U	0.0021	0.0010	mg/Kg	☼	09/27/25 09:14	09/30/25 18:46	1
Carbon disulfide	0.0010	U	0.0010	0.00028	mg/Kg	☼	09/27/25 09:14	09/30/25 18:46	1
Carbon tetrachloride	0.0010	U	0.0010	0.00040	mg/Kg	☼	09/27/25 09:14	09/30/25 18:46	1
Chlorobenzene	0.0010	U	0.0010	0.00053	mg/Kg	☼	09/27/25 09:14	09/30/25 18:46	1
Chlorobromomethane	0.0010	U	0.0010	0.00062	mg/Kg	☼	09/27/25 09:14	09/30/25 18:46	1
Chlorodibromomethane	0.0010	U *	0.0010	0.00056	mg/Kg	☼	09/27/25 09:14	09/30/25 18:46	1
Chloroethane	0.0010	U	0.0010	0.00054	mg/Kg	☼	09/27/25 09:14	09/30/25 18:46	1
Chloroform	0.0010	U	0.0010	0.0010	mg/Kg	☼	09/27/25 09:14	09/30/25 18:46	1
Chloromethane	0.0010	U	0.0010	0.00045	mg/Kg	☼	09/27/25 09:14	09/30/25 18:46	1
cis-1,2-Dichloroethene	0.0010	U	0.0010	0.00037	mg/Kg	☼	09/27/25 09:14	09/30/25 18:46	1
cis-1,3-Dichloropropene	0.0010	U	0.0010	0.00028	mg/Kg	☼	09/27/25 09:14	09/30/25 18:46	1
Cyclohexane	0.0010	U	0.0010	0.00023	mg/Kg	☼	09/27/25 09:14	09/30/25 18:46	1
Dichlorobromomethane	0.0010	U	0.0010	0.00027	mg/Kg	☼	09/27/25 09:14	09/30/25 18:46	1
Dichlorodifluoromethane	0.0010	U	0.0010	0.00035	mg/Kg	☼	09/27/25 09:14	09/30/25 18:46	1
Ethylbenzene	0.0010	U	0.0010	0.00049	mg/Kg	☼	09/27/25 09:14	09/30/25 18:46	1
Ethylene Dibromide	0.0010	U	0.0010	0.00053	mg/Kg	☼	09/27/25 09:14	09/30/25 18:46	1
Isopropylbenzene	0.0010	U	0.0010	0.00030	mg/Kg	☼	09/27/25 09:14	09/30/25 18:46	1
Methyl acetate	0.0052	U *	0.0052	0.0045	mg/Kg	☼	09/27/25 09:14	09/30/25 18:46	1
Methyl tert-butyl ether	0.0010	U	0.0010	0.00053	mg/Kg	☼	09/27/25 09:14	09/30/25 18:46	1
Methylcyclohexane	0.0010	U	0.0010	0.00052	mg/Kg	☼	09/27/25 09:14	09/30/25 18:46	1
Methylene Chloride	0.0021	U	0.0021	0.0012	mg/Kg	☼	09/27/25 09:14	09/30/25 18:46	1
m-Xylene & p-Xylene	0.0010	U	0.0010	0.00044	mg/Kg	☼	09/27/25 09:14	09/30/25 18:46	1
n-Butylbenzene	0.0010	U	0.0010	0.00031	mg/Kg	☼	09/27/25 09:14	09/30/25 18:46	1
N-Propylbenzene	0.0010	U	0.0010	0.00047	mg/Kg	☼	09/27/25 09:14	09/30/25 18:46	1
o-Xylene	0.0010	U	0.0010	0.00048	mg/Kg	☼	09/27/25 09:14	09/30/25 18:46	1
sec-Butylbenzene	0.0010	U	0.0010	0.00030	mg/Kg	☼	09/27/25 09:14	09/30/25 18:46	1
Styrene	0.0010	U	0.0010	0.00029	mg/Kg	☼	09/27/25 09:14	09/30/25 18:46	1

Client Sample ID: 54A3_5-6

Lab Sample ID: 460-335747-67

Date Collected: 09/25/25 13:50
Matrix: Solid
Date Received: 09/25/25 16:10
Percent Solids: 86.3

Method: SW846 8260D - Volatile Organic Compounds by GC/MS (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
tert-Butylbenzene	0.0010	U	0.0010	0.00029	mg/Kg	☼	09/27/25 09:14	09/30/25 18:46	1
Tetrachloroethene	0.0010	U	0.0010	0.00032	mg/Kg	☼	09/27/25 09:14	09/30/25 18:46	1
Toluene	0.0010	U	0.0010	0.00024	mg/Kg	☼	09/27/25 09:14	09/30/25 18:46	1
trans-1,2-Dichloroethene	0.0010	U	0.0010	0.00026	mg/Kg	☼	09/27/25 09:14	09/30/25 18:46	1
trans-1,3-Dichloropropene	0.0010	U	0.0010	0.00028	mg/Kg	☼	09/27/25 09:14	09/30/25 18:46	1
Trichloroethene	0.0010	U	0.0010	0.00033	mg/Kg	☼	09/27/25 09:14	09/30/25 18:46	1
Trichlorofluoromethane	0.0010	U	0.0010	0.00042	mg/Kg	☼	09/27/25 09:14	09/30/25 18:46	1
Vinyl chloride	0.0010	U	0.0010	0.00057	mg/Kg	☼	09/27/25 09:14	09/30/25 18:46	1
Xylenes, Total	0.0021	U	0.0021	0.00018	mg/Kg	☼	09/27/25 09:14	09/30/25 18:46	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,2-Dichloroethane-d4 (Surr)	*109*		*65 - 138*	*09/27/25 09:14*	*09/30/25 18:46*	*1*
4-Bromofluorobenzene	*96*		*71 - 128*	*09/27/25 09:14*	*09/30/25 18:46*	*1*
Dibromofluoromethane (Surr)	*100*		*50 - 150*	*09/27/25 09:14*	*09/30/25 18:46*	*1*
Toluene-d8 (Surr)	*103*		*71 - 126*	*09/27/25 09:14*	*09/30/25 18:46*	*1*

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Percent Moisture (EPA Moisture)	**13.7**		1.0	1.0	%			09/28/25 21:11	1
Percent Solids (EPA Moisture)	**86.3**		1.0	1.0	%			09/28/25 21:11	1

Client Sample ID: 54A1_7-8

Lab Sample ID: 460-335747-68

Date Collected: 09/25/25 13:55
Matrix: Solid
Date Received: 09/25/25 16:10
Percent Solids: 91.8

Method: SW846 8260D - Volatile Organic Compounds by GC/MS

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1-Trichloroethane	0.00079	U	0.00079	0.00018	mg/Kg	☼	09/27/25 09:15	10/01/25 06:39	1
1,1,2,2-Tetrachloroethane	0.00079	U	0.00079	0.00041	mg/Kg	☼	09/27/25 09:15	10/01/25 06:39	1
1,1,2-Trichloro-1,2,2-trifluoroethane	0.00079	U	0.00079	0.00024	mg/Kg	☼	09/27/25 09:15	10/01/25 06:39	1
1,1,2-Trichloroethane	0.00079	U	0.00079	0.00048	mg/Kg	☼	09/27/25 09:15	10/01/25 06:39	1
1,1-Dichloroethane	0.00079	U	0.00079	0.00047	mg/Kg	☼	09/27/25 09:15	10/01/25 06:39	1
1,1-Dichloroethene	0.00079	U	0.00079	0.00018	mg/Kg	☼	09/27/25 09:15	10/01/25 06:39	1
1,2,3-Trichlorobenzene	0.00079	U	0.00079	0.00059	mg/Kg	☼	09/27/25 09:15	10/01/25 06:39	1
1,2,4-Trichlorobenzene	0.00079	U	0.00079	0.00028	mg/Kg	☼	09/27/25 09:15	10/01/25 06:39	1
1,2,4-Trimethylbenzene	0.00079	U	0.00079	0.00020	mg/Kg	☼	09/27/25 09:15	10/01/25 06:39	1
1,2-Dibromo-3-Chloropropane	0.00079	U	0.00079	0.00037	mg/Kg	☼	09/27/25 09:15	10/01/25 06:39	1
1,2-Dichlorobenzene	0.00079	U	0.00079	0.00029	mg/Kg	☼	09/27/25 09:15	10/01/25 06:39	1
1,2-Dichloroethane	0.00079	U	0.00079	0.00023	mg/Kg	☼	09/27/25 09:15	10/01/25 06:39	1
1,2-Dichloropropane	0.00079	U	0.00079	0.00034	mg/Kg	☼	09/27/25 09:15	10/01/25 06:39	1
1,3,5-Trimethylbenzene	0.00079	U	0.00079	0.00025	mg/Kg	☼	09/27/25 09:15	10/01/25 06:39	1
1,3-Dichlorobenzene	0.00079	U	0.00079	0.00029	mg/Kg	☼	09/27/25 09:15	10/01/25 06:39	1
1,4-Dichlorobenzene	0.00079	U	0.00079	0.00041	mg/Kg	☼	09/27/25 09:15	10/01/25 06:39	1
2-Butanone (MEK)	0.0040	U	0.0040	0.00029	mg/Kg	☼	09/27/25 09:15	10/01/25 06:39	1
2-Hexanone	0.0040	U	0.0040	0.0014	mg/Kg	☼	09/27/25 09:15	10/01/25 06:39	1
4-Methyl-2-pentanone (MIBK)	0.0040	U	0.0040	0.0012	mg/Kg	☼	09/27/25 09:15	10/01/25 06:39	1
Acetone	0.0048	U	0.0048	0.0045	mg/Kg	☼	09/27/25 09:15	10/01/25 06:39	1
Benzene	0.00079	U	0.00079	0.00045	mg/Kg	☼	09/27/25 09:15	10/01/25 06:39	1
Bromoform	0.00079	U *	0.00079	0.00034	mg/Kg	☼	09/27/25 09:15	10/01/25 06:39	1
Bromomethane	0.0016	U	0.0016	0.00079	mg/Kg	☼	09/27/25 09:15	10/01/25 06:39	1

Client Sample ID: 54A1_7-8
Date Collected: 09/25/25 13:55
Date Received: 09/25/25 16:10

Lab Sample ID: 460-335747-68
Matrix: Solid
Percent Solids: 91.8

Method: SW846 8260D - Volatile Organic Compounds by GC/MS (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Carbon disulfide	0.00079	U	0.00079	0.00021	mg/Kg	☼	09/27/25 09:15	10/01/25 06:39	1
Carbon tetrachloride	0.00079	U	0.00079	0.00031	mg/Kg	☼	09/27/25 09:15	10/01/25 06:39	1
Chlorobenzene	0.00079	U	0.00079	0.00040	mg/Kg	☼	09/27/25 09:15	10/01/25 06:39	1
Chlorobromomethane	0.00079	U	0.00079	0.00047	mg/Kg	☼	09/27/25 09:15	10/01/25 06:39	1
Chlorodibromomethane	0.00079	U *	0.00079	0.00043	mg/Kg	☼	09/27/25 09:15	10/01/25 06:39	1
Chloroethane	0.00079	U	0.00079	0.00041	mg/Kg	☼	09/27/25 09:15	10/01/25 06:39	1
Chloroform	0.00079	U	0.00079	0.00077	mg/Kg	☼	09/27/25 09:15	10/01/25 06:39	1
Chloromethane	0.00079	U	0.00079	0.00035	mg/Kg	☼	09/27/25 09:15	10/01/25 06:39	1
cis-1,2-Dichloroethene	0.00079	U	0.00079	0.00028	mg/Kg	☼	09/27/25 09:15	10/01/25 06:39	1
cis-1,3-Dichloropropene	0.00079	U	0.00079	0.00022	mg/Kg	☼	09/27/25 09:15	10/01/25 06:39	1
Cyclohexane	0.00079	U	0.00079	0.00018	mg/Kg	☼	09/27/25 09:15	10/01/25 06:39	1
Dichlorobromomethane	0.00079	U	0.00079	0.00020	mg/Kg	☼	09/27/25 09:15	10/01/25 06:39	1
Dichlorodifluoromethane	0.00079	U	0.00079	0.00027	mg/Kg	☼	09/27/25 09:15	10/01/25 06:39	1
Ethylbenzene	0.00079	U	0.00079	0.00037	mg/Kg	☼	09/27/25 09:15	10/01/25 06:39	1
Ethylene Dibromide	0.00079	U	0.00079	0.00040	mg/Kg	☼	09/27/25 09:15	10/01/25 06:39	1
Isopropylbenzene	0.00079	U	0.00079	0.00023	mg/Kg	☼	09/27/25 09:15	10/01/25 06:39	1
Methyl acetate	0.0040	U *	0.0040	0.0034	mg/Kg	☼	09/27/25 09:15	10/01/25 06:39	1
Methyl tert-butyl ether	0.00079	U	0.00079	0.00041	mg/Kg	☼	09/27/25 09:15	10/01/25 06:39	1
Methylcyclohexane	0.00079	U	0.00079	0.00040	mg/Kg	☼	09/27/25 09:15	10/01/25 06:39	1
Methylene Chloride	**0.0022**		0.0016	0.00091	mg/Kg	☼	09/27/25 09:15	10/01/25 06:39	1
m-Xylene & p-Xylene	0.00079	U	0.00079	0.00034	mg/Kg	☼	09/27/25 09:15	10/01/25 06:39	1
n-Butylbenzene	0.00079	U *	0.00079	0.00023	mg/Kg	☼	09/27/25 09:15	10/01/25 06:39	1
N-Propylbenzene	0.00079	U	0.00079	0.00036	mg/Kg	☼	09/27/25 09:15	10/01/25 06:39	1
o-Xylene	0.00079	U	0.00079	0.00037	mg/Kg	☼	09/27/25 09:15	10/01/25 06:39	1
sec-Butylbenzene	0.00079	U	0.00079	0.00023	mg/Kg	☼	09/27/25 09:15	10/01/25 06:39	1
Styrene	0.00079	U	0.00079	0.00022	mg/Kg	☼	09/27/25 09:15	10/01/25 06:39	1
tert-Butylbenzene	0.00079	U	0.00079	0.00022	mg/Kg	☼	09/27/25 09:15	10/01/25 06:39	1
Tetrachloroethene	0.00079	U	0.00079	0.00024	mg/Kg	☼	09/27/25 09:15	10/01/25 06:39	1
Toluene	0.00079	U	0.00079	0.00019	mg/Kg	☼	09/27/25 09:15	10/01/25 06:39	1
trans-1,2-Dichloroethene	0.00079	U	0.00079	0.00020	mg/Kg	☼	09/27/25 09:15	10/01/25 06:39	1
trans-1,3-Dichloropropene	0.00079	U	0.00079	0.00021	mg/Kg	☼	09/27/25 09:15	10/01/25 06:39	1
Trichloroethene	0.00079	U	0.00079	0.00025	mg/Kg	☼	09/27/25 09:15	10/01/25 06:39	1
Trichlorofluoromethane	0.00079	U	0.00079	0.00032	mg/Kg	☼	09/27/25 09:15	10/01/25 06:39	1
Vinyl chloride	0.00079	U	0.00079	0.00043	mg/Kg	☼	09/27/25 09:15	10/01/25 06:39	1
Xylenes, Total	0.0016	U	0.0016	0.00014	mg/Kg	☼	09/27/25 09:15	10/01/25 06:39	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,2-Dichloroethane-d4 (Surr)	*106*		*65 - 138*	*09/27/25 09:15*	*10/01/25 06:39*	*1*
4-Bromofluorobenzene	*99*		*71 - 128*	*09/27/25 09:15*	*10/01/25 06:39*	*1*
Dibromofluoromethane (Surr)	*98*		*50 - 150*	*09/27/25 09:15*	*10/01/25 06:39*	*1*
Toluene-d8 (Surr)	*106*		*71 - 126*	*09/27/25 09:15*	*10/01/25 06:39*	*1*

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Percent Moisture (EPA Moisture)	**8.2**		1.0	1.0	%			09/28/25 21:11	1
Percent Solids (EPA Moisture)	**91.8**		1.0	1.0	%			09/28/25 21:11	1

Client: Haley & Aldrich, Inc.
Project/Site: Former Port Mobil

Job ID: 460-335747-1

Client Sample ID: 54A3_2-3
Date Collected: 09/25/25 14:00
Date Received: 09/25/25 16:10

Lab Sample ID: 460-335747-69
Matrix: Solid
Percent Solids: 90.4

Method: SW846 8260D - Volatile Organic Compounds by GC/MS

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1-Trichloroethane	0.00095	U	0.00095	0.00022	mg/Kg	☼	09/27/25 09:15	09/30/25 19:36	1
1,1,2,2-Tetrachloroethane	0.00095	U	0.00095	0.00050	mg/Kg	☼	09/27/25 09:15	09/30/25 19:36	1
1,1,2-Trichloro-1,2,2-trifluoroethane	0.00095	U	0.00095	0.00029	mg/Kg	☼	09/27/25 09:15	09/30/25 19:36	1
1,1,2-Trichloroethane	0.00095	U	0.00095	0.00057	mg/Kg	☼	09/27/25 09:15	09/30/25 19:36	1
1,1-Dichloroethane	0.00095	U	0.00095	0.00057	mg/Kg	☼	09/27/25 09:15	09/30/25 19:36	1
1,1-Dichloroethene	0.00095	U	0.00095	0.00021	mg/Kg	☼	09/27/25 09:15	09/30/25 19:36	1
1,2,3-Trichlorobenzene	0.00095	U	0.00095	0.00070	mg/Kg	☼	09/27/25 09:15	09/30/25 19:36	1
1,2,4-Trichlorobenzene	0.00095	U *	0.00095	0.00034	mg/Kg	☼	09/27/25 09:15	09/30/25 19:36	1
1,2,4-Trimethylbenzene	0.00095	U	0.00095	0.00023	mg/Kg	☼	09/27/25 09:15	09/30/25 19:36	1
1,2-Dibromo-3-Chloropropane	0.00095	U	0.00095	0.00044	mg/Kg	☼	09/27/25 09:15	09/30/25 19:36	1
1,2-Dichlorobenzene	0.00095	U	0.00095	0.00034	mg/Kg	☼	09/27/25 09:15	09/30/25 19:36	1
1,2-Dichloroethane	0.00095	U	0.00095	0.00028	mg/Kg	☼	09/27/25 09:15	09/30/25 19:36	1
1,2-Dichloropropane	0.00095	U	0.00095	0.00040	mg/Kg	☼	09/27/25 09:15	09/30/25 19:36	1
1,3,5-Trimethylbenzene	0.00095	U	0.00095	0.00030	mg/Kg	☼	09/27/25 09:15	09/30/25 19:36	1
1,3-Dichlorobenzene	0.00095	U	0.00095	0.00035	mg/Kg	☼	09/27/25 09:15	09/30/25 19:36	1
1,4-Dichlorobenzene	0.00095	U	0.00095	0.00049	mg/Kg	☼	09/27/25 09:15	09/30/25 19:36	1
2-Butanone (MEK)	0.0047	U	0.0047	0.00035	mg/Kg	☼	09/27/25 09:15	09/30/25 19:36	1
2-Hexanone	0.0047	U	0.0047	0.0016	mg/Kg	☼	09/27/25 09:15	09/30/25 19:36	1
4-Methyl-2-pentanone (MIBK)	0.0047	U	0.0047	0.0015	mg/Kg	☼	09/27/25 09:15	09/30/25 19:36	1
Acetone	0.0057	U	0.0057	0.0054	mg/Kg	☼	09/27/25 09:15	09/30/25 19:36	1
Benzene	0.00095	U	0.00095	0.00054	mg/Kg	☼	09/27/25 09:15	09/30/25 19:36	1
Bromoform	0.00095	U *	0.00095	0.00040	mg/Kg	☼	09/27/25 09:15	09/30/25 19:36	1
Bromomethane	0.0019	U	0.0019	0.00095	mg/Kg	☼	09/27/25 09:15	09/30/25 19:36	1
Carbon disulfide	0.00095	U	0.00095	0.00025	mg/Kg	☼	09/27/25 09:15	09/30/25 19:36	1
Carbon tetrachloride	0.00095	U	0.00095	0.00037	mg/Kg	☼	09/27/25 09:15	09/30/25 19:36	1
Chlorobenzene	0.00095	U	0.00095	0.00048	mg/Kg	☼	09/27/25 09:15	09/30/25 19:36	1
Chlorobromomethane	0.00095	U	0.00095	0.00057	mg/Kg	☼	09/27/25 09:15	09/30/25 19:36	1
Chlorodibromomethane	0.00095	U *	0.00095	0.00051	mg/Kg	☼	09/27/25 09:15	09/30/25 19:36	1
Chloroethane	0.00095	U	0.00095	0.00050	mg/Kg	☼	09/27/25 09:15	09/30/25 19:36	1
Chloroform	0.00095	U	0.00095	0.00092	mg/Kg	☼	09/27/25 09:15	09/30/25 19:36	1
Chloromethane	0.00095	U	0.00095	0.00041	mg/Kg	☼	09/27/25 09:15	09/30/25 19:36	1
cis-1,2-Dichloroethene	0.00095	U	0.00095	0.00034	mg/Kg	☼	09/27/25 09:15	09/30/25 19:36	1
cis-1,3-Dichloropropene	0.00095	U	0.00095	0.00026	mg/Kg	☼	09/27/25 09:15	09/30/25 19:36	1
Cyclohexane	0.00095	U	0.00095	0.00021	mg/Kg	☼	09/27/25 09:15	09/30/25 19:36	1
Dichlorobromomethane	0.00095	U	0.00095	0.00024	mg/Kg	☼	09/27/25 09:15	09/30/25 19:36	1
Dichlorodifluoromethane	0.00095	U	0.00095	0.00032	mg/Kg	☼	09/27/25 09:15	09/30/25 19:36	1
Ethylbenzene	0.00095	U	0.00095	0.00044	mg/Kg	☼	09/27/25 09:15	09/30/25 19:36	1
Ethylene Dibromide	0.00095	U	0.00095	0.00048	mg/Kg	☼	09/27/25 09:15	09/30/25 19:36	1
Isopropylbenzene	0.00095	U	0.00095	0.00027	mg/Kg	☼	09/27/25 09:15	09/30/25 19:36	1
Methyl acetate	0.0047	U *	0.0047	0.0041	mg/Kg	☼	09/27/25 09:15	09/30/25 19:36	1
Methyl tert-butyl ether	0.00095	U	0.00095	0.00049	mg/Kg	☼	09/27/25 09:15	09/30/25 19:36	1
Methylcyclohexane	0.00095	U	0.00095	0.00047	mg/Kg	☼	09/27/25 09:15	09/30/25 19:36	1
Methylene Chloride	**0.0014**	**J**	0.0019	0.0011	mg/Kg	☼	09/27/25 09:15	09/30/25 19:36	1
m-Xylene & p-Xylene	0.00095	U	0.00095	0.00040	mg/Kg	☼	09/27/25 09:15	09/30/25 19:36	1
n-Butylbenzene	0.00095	U	0.00095	0.00028	mg/Kg	☼	09/27/25 09:15	09/30/25 19:36	1
N-Propylbenzene	0.00095	U	0.00095	0.00043	mg/Kg	☼	09/27/25 09:15	09/30/25 19:36	1
o-Xylene	0.00095	U	0.00095	0.00044	mg/Kg	☼	09/27/25 09:15	09/30/25 19:36	1
sec-Butylbenzene	0.00095	U	0.00095	0.00027	mg/Kg	☼	09/27/25 09:15	09/30/25 19:36	1
Styrene	0.00095	U	0.00095	0.00026	mg/Kg	☼	09/27/25 09:15	09/30/25 19:36	1

Client Sample ID: 54A3_2-3

Lab Sample ID: 460-335747-69

Date Collected: 09/25/25 14:00
Matrix: Solid
Date Received: 09/25/25 16:10
Percent Solids: 90.4

Method: SW846 8260D - Volatile Organic Compounds by GC/MS (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
tert-Butylbenzene	0.00095	U	0.00095	0.00026	mg/Kg	☼	09/27/25 09:15	09/30/25 19:36	1
Tetrachloroethene	0.00095	U	0.00095	0.00029	mg/Kg	☼	09/27/25 09:15	09/30/25 19:36	1
Toluene	0.00095	U	0.00095	0.00022	mg/Kg	☼	09/27/25 09:15	09/30/25 19:36	1
trans-1,2-Dichloroethene	0.00095	U	0.00095	0.00023	mg/Kg	☼	09/27/25 09:15	09/30/25 19:36	1
trans-1,3-Dichloropropene	0.00095	U	0.00095	0.00025	mg/Kg	☼	09/27/25 09:15	09/30/25 19:36	1
Trichloroethene	0.00095	U	0.00095	0.00030	mg/Kg	☼	09/27/25 09:15	09/30/25 19:36	1
Trichlorofluoromethane	0.00095	U	0.00095	0.00039	mg/Kg	☼	09/27/25 09:15	09/30/25 19:36	1
Vinyl chloride	0.00095	U	0.00095	0.00052	mg/Kg	☼	09/27/25 09:15	09/30/25 19:36	1
Xylenes, Total	0.0019	U	0.0019	0.00017	mg/Kg	☼	09/27/25 09:15	09/30/25 19:36	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,2-Dichloroethane-d4 (Surr)	*94*		*65 - 138*	*09/27/25 09:15*	*09/30/25 19:36*	*1*
4-Bromofluorobenzene	*80*		*71 - 128*	*09/27/25 09:15*	*09/30/25 19:36*	*1*
Dibromofluoromethane (Surr)	*84*		*50 - 150*	*09/27/25 09:15*	*09/30/25 19:36*	*1*
Toluene-d8 (Surr)	*84*		*71 - 126*	*09/27/25 09:15*	*09/30/25 19:36*	*1*

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Percent Moisture (EPA Moisture)	**9.6**		1.0	1.0	%			09/28/25 21:11	1
Percent Solids (EPA Moisture)	**90.4**		1.0	1.0	%			09/28/25 21:11	1

Client Sample ID: 54A2_1-2

Lab Sample ID: 460-335747-70

Date Collected: 09/25/25 14:05
Matrix: Solid
Date Received: 09/25/25 16:10
Percent Solids: 90.1

Method: SW846 8260D - Volatile Organic Compounds by GC/MS

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1-Trichloroethane	0.00099	U	0.00099	0.00023	mg/Kg	☼	09/27/25 09:15	09/30/25 20:01	1
1,1,2,2-Tetrachloroethane	0.00099	U	0.00099	0.00052	mg/Kg	☼	09/27/25 09:15	09/30/25 20:01	1
1,1,2-Trichloro-1,2,2-trifluoroethane	0.00099	U	0.00099	0.00030	mg/Kg	☼	09/27/25 09:15	09/30/25 20:01	1
1,1,2-Trichloroethane	0.00099	U	0.00099	0.00059	mg/Kg	☼	09/27/25 09:15	09/30/25 20:01	1
1,1-Dichloroethane	0.00099	U	0.00099	0.00059	mg/Kg	☼	09/27/25 09:15	09/30/25 20:01	1
1,1-Dichloroethene	0.00099	U	0.00099	0.00022	mg/Kg	☼	09/27/25 09:15	09/30/25 20:01	1
1,2,3-Trichlorobenzene	0.00099	U	0.00099	0.00073	mg/Kg	☼	09/27/25 09:15	09/30/25 20:01	1
1,2,4-Trichlorobenzene	0.00099	U *	0.00099	0.00035	mg/Kg	☼	09/27/25 09:15	09/30/25 20:01	1
1,2,4-Trimethylbenzene	0.00099	U	0.00099	0.00024	mg/Kg	☼	09/27/25 09:15	09/30/25 20:01	1
1,2-Dibromo-3-Chloropropane	0.00099	U	0.00099	0.00045	mg/Kg	☼	09/27/25 09:15	09/30/25 20:01	1
1,2-Dichlorobenzene	0.00099	U	0.00099	0.00036	mg/Kg	☼	09/27/25 09:15	09/30/25 20:01	1
1,2-Dichloroethane	0.00099	U	0.00099	0.00029	mg/Kg	☼	09/27/25 09:15	09/30/25 20:01	1
1,2-Dichloropropane	0.00099	U	0.00099	0.00042	mg/Kg	☼	09/27/25 09:15	09/30/25 20:01	1
1,3,5-Trimethylbenzene	0.00099	U	0.00099	0.00031	mg/Kg	☼	09/27/25 09:15	09/30/25 20:01	1
1,3-Dichlorobenzene	0.00099	U	0.00099	0.00036	mg/Kg	☼	09/27/25 09:15	09/30/25 20:01	1
1,4-Dichlorobenzene	0.00099	U	0.00099	0.00051	mg/Kg	☼	09/27/25 09:15	09/30/25 20:01	1
2-Butanone (MEK)	0.0049	U	0.0049	0.00036	mg/Kg	☼	09/27/25 09:15	09/30/25 20:01	1
2-Hexanone	0.0049	U	0.0049	0.0017	mg/Kg	☼	09/27/25 09:15	09/30/25 20:01	1
4-Methyl-2-pentanone (MIBK)	0.0049	U	0.0049	0.0015	mg/Kg	☼	09/27/25 09:15	09/30/25 20:01	1
Acetone	0.0059	U	0.0059	0.0056	mg/Kg	☼	09/27/25 09:15	09/30/25 20:01	1
Benzene	0.00099	U	0.00099	0.00056	mg/Kg	☼	09/27/25 09:15	09/30/25 20:01	1
Bromoform	0.00099	U *	0.00099	0.00042	mg/Kg	☼	09/27/25 09:15	09/30/25 20:01	1
Bromomethane	0.0020	U	0.0020	0.00099	mg/Kg	☼	09/27/25 09:15	09/30/25 20:01	1

Client Sample ID: 54A2_1-2
Date Collected: 09/25/25 14:05
Date Received: 09/25/25 16:10

Lab Sample ID: 460-335747-70
Matrix: Solid
Percent Solids: 90.1

Method: SW846 8260D - Volatile Organic Compounds by GC/MS (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Carbon disulfide	0.00099	U	0.00099	0.00026	mg/Kg	☼	09/27/25 09:15	09/30/25 20:01	1
Carbon tetrachloride	0.00099	U	0.00099	0.00038	mg/Kg	☼	09/27/25 09:15	09/30/25 20:01	1
Chlorobenzene	0.00099	U	0.00099	0.00050	mg/Kg	☼	09/27/25 09:15	09/30/25 20:01	1
Chlorobromomethane	0.00099	U	0.00099	0.00059	mg/Kg	☼	09/27/25 09:15	09/30/25 20:01	1
Chlorodibromomethane	0.00099	U *	0.00099	0.00053	mg/Kg	☼	09/27/25 09:15	09/30/25 20:01	1
Chloroethane	0.00099	U	0.00099	0.00052	mg/Kg	☼	09/27/25 09:15	09/30/25 20:01	1
Chloroform	0.00099	U	0.00099	0.00096	mg/Kg	☼	09/27/25 09:15	09/30/25 20:01	1
Chloromethane	0.00099	U	0.00099	0.00043	mg/Kg	☼	09/27/25 09:15	09/30/25 20:01	1
cis-1,2-Dichloroethene	0.00099	U	0.00099	0.00035	mg/Kg	☼	09/27/25 09:15	09/30/25 20:01	1
cis-1,3-Dichloropropene	0.00099	U	0.00099	0.00027	mg/Kg	☼	09/27/25 09:15	09/30/25 20:01	1
Cyclohexane	0.00099	U	0.00099	0.00022	mg/Kg	☼	09/27/25 09:15	09/30/25 20:01	1
Dichlorobromomethane	0.00099	U	0.00099	0.00025	mg/Kg	☼	09/27/25 09:15	09/30/25 20:01	1
Dichlorodifluoromethane	0.00099	U	0.00099	0.00033	mg/Kg	☼	09/27/25 09:15	09/30/25 20:01	1
Ethylbenzene	0.00099	U	0.00099	0.00046	mg/Kg	☼	09/27/25 09:15	09/30/25 20:01	1
Ethylene Dibromide	0.00099	U	0.00099	0.00050	mg/Kg	☼	09/27/25 09:15	09/30/25 20:01	1
Isopropylbenzene	0.00099	U	0.00099	0.00028	mg/Kg	☼	09/27/25 09:15	09/30/25 20:01	1
Methyl acetate	0.0049	U *	0.0049	0.0042	mg/Kg	☼	09/27/25 09:15	09/30/25 20:01	1
Methyl tert-butyl ether	0.00099	U	0.00099	0.00051	mg/Kg	☼	09/27/25 09:15	09/30/25 20:01	1
Methylcyclohexane	0.00099	U	0.00099	0.00049	mg/Kg	☼	09/27/25 09:15	09/30/25 20:01	1
Methylene Chloride	**0.0027**		0.0020	0.0011	mg/Kg	☼	09/27/25 09:15	09/30/25 20:01	1
m-Xylene & p-Xylene	0.00099	U	0.00099	0.00042	mg/Kg	☼	09/27/25 09:15	09/30/25 20:01	1
n-Butylbenzene	0.00099	U	0.00099	0.00029	mg/Kg	☼	09/27/25 09:15	09/30/25 20:01	1
N-Propylbenzene	0.00099	U	0.00099	0.00044	mg/Kg	☼	09/27/25 09:15	09/30/25 20:01	1
o-Xylene	0.00099	U	0.00099	0.00045	mg/Kg	☼	09/27/25 09:15	09/30/25 20:01	1
sec-Butylbenzene	0.00099	U	0.00099	0.00028	mg/Kg	☼	09/27/25 09:15	09/30/25 20:01	1
Styrene	0.00099	U	0.00099	0.00027	mg/Kg	☼	09/27/25 09:15	09/30/25 20:01	1
tert-Butylbenzene	0.00099	U	0.00099	0.00027	mg/Kg	☼	09/27/25 09:15	09/30/25 20:01	1
Tetrachloroethene	0.00099	U	0.00099	0.00030	mg/Kg	☼	09/27/25 09:15	09/30/25 20:01	1
Toluene	0.00099	U	0.00099	0.00023	mg/Kg	☼	09/27/25 09:15	09/30/25 20:01	1
trans-1,2-Dichloroethene	0.00099	U	0.00099	0.00024	mg/Kg	☼	09/27/25 09:15	09/30/25 20:01	1
trans-1,3-Dichloropropene	0.00099	U	0.00099	0.00026	mg/Kg	☼	09/27/25 09:15	09/30/25 20:01	1
Trichloroethene	0.00099	U	0.00099	0.00032	mg/Kg	☼	09/27/25 09:15	09/30/25 20:01	1
Trichlorofluoromethane	0.00099	U	0.00099	0.00040	mg/Kg	☼	09/27/25 09:15	09/30/25 20:01	1
Vinyl chloride	0.00099	U	0.00099	0.00054	mg/Kg	☼	09/27/25 09:15	09/30/25 20:01	1
Xylenes, Total	0.0020	U	0.0020	0.00017	mg/Kg	☼	09/27/25 09:15	09/30/25 20:01	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,2-Dichloroethane-d4 (Surr)	*103*		*65 - 138*	*09/27/25 09:15*	*09/30/25 20:01*	*1*
4-Bromofluorobenzene	*93*		*71 - 128*	*09/27/25 09:15*	*09/30/25 20:01*	*1*
Dibromofluoromethane (Surr)	*95*		*50 - 150*	*09/27/25 09:15*	*09/30/25 20:01*	*1*
Toluene-d8 (Surr)	*100*		*71 - 126*	*09/27/25 09:15*	*09/30/25 20:01*	*1*

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Percent Moisture (EPA Moisture)	**9.9**		1.0	1.0	%			09/28/25 21:11	1
Percent Solids (EPA Moisture)	**90.1**		1.0	1.0	%			09/28/25 21:11	1

Client: Haley & Aldrich, Inc.
Project/Site: Former Port Mobil

Job ID: 460-335747-1

Client Sample ID: 54A1_4-5
Date Collected: 09/25/25 14:10
Date Received: 09/25/25 16:10

Lab Sample ID: 460-335747-71
Matrix: Solid
Percent Solids: 89.0

Method: SW846 8260D - Volatile Organic Compounds by GC/MS

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1-Trichloroethane	0.00042	U	0.00042	0.000099	mg/Kg	☼	09/27/25 09:16	09/30/25 20:26	1
1,1,2,2-Tetrachloroethane	0.00042	U	0.00042	0.00022	mg/Kg	☼	09/27/25 09:16	09/30/25 20:26	1
1,1,2-Trichloro-1,2,2-trifluoroethane	0.00042	U	0.00042	0.00013	mg/Kg	☼	09/27/25 09:16	09/30/25 20:26	1
1,1,2-Trichloroethane	0.00042	U	0.00042	0.00025	mg/Kg	☼	09/27/25 09:16	09/30/25 20:26	1
1,1-Dichloroethane	0.00042	U	0.00042	0.00025	mg/Kg	☼	09/27/25 09:16	09/30/25 20:26	1
1,1-Dichloroethene	0.00042	U	0.00042	0.000095	mg/Kg	☼	09/27/25 09:16	09/30/25 20:26	1
1,2,3-Trichlorobenzene	0.00042	U	0.00042	0.00031	mg/Kg	☼	09/27/25 09:16	09/30/25 20:26	1
1,2,4-Trichlorobenzene	0.00042	U *	0.00042	0.00015	mg/Kg	☼	09/27/25 09:16	09/30/25 20:26	1
1,2,4-Trimethylbenzene	0.00042	U	0.00042	0.00010	mg/Kg	☼	09/27/25 09:16	09/30/25 20:26	1
1,2-Dibromo-3-Chloropropane	0.00042	U	0.00042	0.00020	mg/Kg	☼	09/27/25 09:16	09/30/25 20:26	1
1,2-Dichlorobenzene	0.00042	U	0.00042	0.00015	mg/Kg	☼	09/27/25 09:16	09/30/25 20:26	1
1,2-Dichloroethane	0.00042	U	0.00042	0.00013	mg/Kg	☼	09/27/25 09:16	09/30/25 20:26	1
1,2-Dichloropropane	0.00042	U	0.00042	0.00018	mg/Kg	☼	09/27/25 09:16	09/30/25 20:26	1
1,3,5-Trimethylbenzene	0.00042	U	0.00042	0.00013	mg/Kg	☼	09/27/25 09:16	09/30/25 20:26	1
1,3-Dichlorobenzene	0.00042	U	0.00042	0.00015	mg/Kg	☼	09/27/25 09:16	09/30/25 20:26	1
1,4-Dichlorobenzene	0.00042	U	0.00042	0.00022	mg/Kg	☼	09/27/25 09:16	09/30/25 20:26	1
2-Butanone (MEK)	0.0021	U	0.0021	0.00016	mg/Kg	☼	09/27/25 09:16	09/30/25 20:26	1
2-Hexanone	0.0021	U	0.0021	0.00073	mg/Kg	☼	09/27/25 09:16	09/30/25 20:26	1
4-Methyl-2-pentanone (MIBK)	0.0021	U	0.0021	0.00066	mg/Kg	☼	09/27/25 09:16	09/30/25 20:26	1
Acetone	0.0025	U	0.0025	0.0024	mg/Kg	☼	09/27/25 09:16	09/30/25 20:26	1
Benzene	0.00042	U	0.00042	0.00024	mg/Kg	☼	09/27/25 09:16	09/30/25 20:26	1
Bromoform	0.00042	U *	0.00042	0.00018	mg/Kg	☼	09/27/25 09:16	09/30/25 20:26	1
Bromomethane	0.00085	U	0.00085	0.00042	mg/Kg	☼	09/27/25 09:16	09/30/25 20:26	1
Carbon disulfide	0.00042	U	0.00042	0.00011	mg/Kg	☼	09/27/25 09:16	09/30/25 20:26	1
Carbon tetrachloride	0.00042	U	0.00042	0.00016	mg/Kg	☼	09/27/25 09:16	09/30/25 20:26	1
Chlorobenzene	0.00042	U	0.00042	0.00021	mg/Kg	☼	09/27/25 09:16	09/30/25 20:26	1
Chlorobromomethane	0.00042	U	0.00042	0.00025	mg/Kg	☼	09/27/25 09:16	09/30/25 20:26	1
Chlorodibromomethane	0.00042	U *	0.00042	0.00023	mg/Kg	☼	09/27/25 09:16	09/30/25 20:26	1
Chloroethane	0.00042	U	0.00042	0.00022	mg/Kg	☼	09/27/25 09:16	09/30/25 20:26	1
Chloroform	0.00042	U	0.00042	0.00041	mg/Kg	☼	09/27/25 09:16	09/30/25 20:26	1
Chloromethane	0.00042	U	0.00042	0.00018	mg/Kg	☼	09/27/25 09:16	09/30/25 20:26	1
cis-1,2-Dichloroethene	0.00042	U	0.00042	0.00015	mg/Kg	☼	09/27/25 09:16	09/30/25 20:26	1
cis-1,3-Dichloropropene	0.00042	U	0.00042	0.00012	mg/Kg	☼	09/27/25 09:16	09/30/25 20:26	1
Cyclohexane	0.00042	U	0.00042	0.000094	mg/Kg	☼	09/27/25 09:16	09/30/25 20:26	1
Dichlorobromomethane	0.00042	U	0.00042	0.00011	mg/Kg	☼	09/27/25 09:16	09/30/25 20:26	1
Dichlorodifluoromethane	0.00042	U	0.00042	0.00014	mg/Kg	☼	09/27/25 09:16	09/30/25 20:26	1
Ethylbenzene	0.00042	U	0.00042	0.00020	mg/Kg	☼	09/27/25 09:16	09/30/25 20:26	1
Ethylene Dibromide	0.00042	U	0.00042	0.00021	mg/Kg	☼	09/27/25 09:16	09/30/25 20:26	1
Isopropylbenzene	0.00042	U	0.00042	0.00012	mg/Kg	☼	09/27/25 09:16	09/30/25 20:26	1
Methyl acetate	0.0021	U *	0.0021	0.0018	mg/Kg	☼	09/27/25 09:16	09/30/25 20:26	1
Methyl tert-butyl ether	0.00042	U	0.00042	0.00022	mg/Kg	☼	09/27/25 09:16	09/30/25 20:26	1
Methylcyclohexane	0.00042	U	0.00042	0.00021	mg/Kg	☼	09/27/25 09:16	09/30/25 20:26	1
Methylene Chloride	**0.00069**	**J**	0.00085	0.00049	mg/Kg	☼	09/27/25 09:16	09/30/25 20:26	1
m-Xylene & p-Xylene	0.00042	U	0.00042	0.00018	mg/Kg	☼	09/27/25 09:16	09/30/25 20:26	1
n-Butylbenzene	0.00042	U	0.00042	0.00012	mg/Kg	☼	09/27/25 09:16	09/30/25 20:26	1
N-Propylbenzene	0.00042	U	0.00042	0.00019	mg/Kg	☼	09/27/25 09:16	09/30/25 20:26	1
o-Xylene	0.00042	U	0.00042	0.00020	mg/Kg	☼	09/27/25 09:16	09/30/25 20:26	1
sec-Butylbenzene	0.00042	U	0.00042	0.00012	mg/Kg	☼	09/27/25 09:16	09/30/25 20:26	1
Styrene	0.00042	U	0.00042	0.00012	mg/Kg	☼	09/27/25 09:16	09/30/25 20:26	1

Client Sample ID: 54A1_4-5

Lab Sample ID: 460-335747-71
Date Collected: 09/25/25 14:10
Matrix: Solid
Date Received: 09/25/25 16:10
Percent Solids: 89.0

Method: SW846 8260D - Volatile Organic Compounds by GC/MS (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
tert-Butylbenzene	0.00042	U	0.00042	0.00012	mg/Kg	☼	09/27/25 09:16	09/30/25 20:26	1
Tetrachloroethene	0.00042	U	0.00042	0.00013	mg/Kg	☼	09/27/25 09:16	09/30/25 20:26	1
Toluene	0.00042	U	0.00042	0.000099	mg/Kg	☼	09/27/25 09:16	09/30/25 20:26	1
trans-1,2-Dichloroethene	0.00042	U	0.00042	0.00010	mg/Kg	☼	09/27/25 09:16	09/30/25 20:26	1
trans-1,3-Dichloropropene	0.00042	U	0.00042	0.00011	mg/Kg	☼	09/27/25 09:16	09/30/25 20:26	1
Trichloroethene	0.00042	U	0.00042	0.00014	mg/Kg	☼	09/27/25 09:16	09/30/25 20:26	1
Trichlorofluoromethane	0.00042	U	0.00042	0.00017	mg/Kg	☼	09/27/25 09:16	09/30/25 20:26	1
Vinyl chloride	0.00042	U	0.00042	0.00023	mg/Kg	☼	09/27/25 09:16	09/30/25 20:26	1
Xylenes, Total	0.00085	U	0.00085	0.000074	mg/Kg	☼	09/27/25 09:16	09/30/25 20:26	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,2-Dichloroethane-d4 (Surr)	*114*		*65 - 138*	*09/27/25 09:16*	*09/30/25 20:26*	*1*
4-Bromofluorobenzene	*95*		*71 - 128*	*09/27/25 09:16*	*09/30/25 20:26*	*1*
Dibromofluoromethane (Surr)	*98*		*50 - 150*	*09/27/25 09:16*	*09/30/25 20:26*	*1*
Toluene-d8 (Surr)	*100*		*71 - 126*	*09/27/25 09:16*	*09/30/25 20:26*	*1*

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Percent Moisture (EPA Moisture)	**11.0**		1.0	1.0	%			09/28/25 21:11	1
Percent Solids (EPA Moisture)	**89.0**		1.0	1.0	%			09/28/25 21:11	1

Client Sample ID: 54A2_6-7

Lab Sample ID: 460-335747-72
Date Collected: 09/25/25 14:15
Matrix: Solid
Date Received: 09/25/25 16:10
Percent Solids: 86.9

Method: SW846 8260D - Volatile Organic Compounds by GC/MS

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1-Trichloroethane	0.00086	U	0.00086	0.00020	mg/Kg	☼	09/27/25 09:16	09/30/25 20:50	1
1,1,2,2-Tetrachloroethane	0.00086	U	0.00086	0.00045	mg/Kg	☼	09/27/25 09:16	09/30/25 20:50	1
1,1,2-Trichloro-1,2,2-trifluoroethane	0.00086	U	0.00086	0.00026	mg/Kg	☼	09/27/25 09:16	09/30/25 20:50	1
1,1,2-Trichloroethane	0.00086	U	0.00086	0.00052	mg/Kg	☼	09/27/25 09:16	09/30/25 20:50	1
1,1-Dichloroethane	0.00086	U	0.00086	0.00051	mg/Kg	☼	09/27/25 09:16	09/30/25 20:50	1
1,1-Dichloroethene	0.00086	U	0.00086	0.00019	mg/Kg	☼	09/27/25 09:16	09/30/25 20:50	1
1,2,3-Trichlorobenzene	0.00086	U	0.00086	0.00063	mg/Kg	☼	09/27/25 09:16	09/30/25 20:50	1
1,2,4-Trichlorobenzene	0.00086	U *	0.00086	0.00031	mg/Kg	☼	09/27/25 09:16	09/30/25 20:50	1
1,2,4-Trimethylbenzene	0.00086	U	0.00086	0.00021	mg/Kg	☼	09/27/25 09:16	09/30/25 20:50	1
1,2-Dibromo-3-Chloropropane	0.00086	U	0.00086	0.00039	mg/Kg	☼	09/27/25 09:16	09/30/25 20:50	1
1,2-Dichlorobenzene	0.00086	U	0.00086	0.00031	mg/Kg	☼	09/27/25 09:16	09/30/25 20:50	1
1,2-Dichloroethane	0.00086	U	0.00086	0.00025	mg/Kg	☼	09/27/25 09:16	09/30/25 20:50	1
1,2-Dichloropropane	0.00086	U	0.00086	0.00036	mg/Kg	☼	09/27/25 09:16	09/30/25 20:50	1
1,3,5-Trimethylbenzene	0.00086	U	0.00086	0.00027	mg/Kg	☼	09/27/25 09:16	09/30/25 20:50	1
1,3-Dichlorobenzene	0.00086	U	0.00086	0.00031	mg/Kg	☼	09/27/25 09:16	09/30/25 20:50	1
1,4-Dichlorobenzene	0.00086	U	0.00086	0.00044	mg/Kg	☼	09/27/25 09:16	09/30/25 20:50	1
2-Butanone (MEK)	0.0043	U	0.0043	0.00032	mg/Kg	☼	09/27/25 09:16	09/30/25 20:50	1
2-Hexanone	0.0043	U	0.0043	0.0015	mg/Kg	☼	09/27/25 09:16	09/30/25 20:50	1
4-Methyl-2-pentanone (MIBK)	0.0043	U	0.0043	0.0013	mg/Kg	☼	09/27/25 09:16	09/30/25 20:50	1
Acetone	0.0051	U	0.0051	0.0049	mg/Kg	☼	09/27/25 09:16	09/30/25 20:50	1
Benzene	0.00086	U	0.00086	0.00049	mg/Kg	☼	09/27/25 09:16	09/30/25 20:50	1
Bromoform	0.00086	U *	0.00086	0.00036	mg/Kg	☼	09/27/25 09:16	09/30/25 20:50	1
Bromomethane	0.0017	U	0.0017	0.00086	mg/Kg	☼	09/27/25 09:16	09/30/25 20:50	1

Client Sample ID: 54A2_6-7
Date Collected: 09/25/25 14:15
Date Received: 09/25/25 16:10

Lab Sample ID: 460-335747-72
Matrix: Solid
Percent Solids: 86.9

Method: SW846 8260D - Volatile Organic Compounds by GC/MS (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Carbon disulfide	0.00086	U	0.00086	0.00023	mg/Kg	☼	09/27/25 09:16	09/30/25 20:50	1
Carbon tetrachloride	0.00086	U	0.00086	0.00033	mg/Kg	☼	09/27/25 09:16	09/30/25 20:50	1
Chlorobenzene	0.00086	U	0.00086	0.00043	mg/Kg	☼	09/27/25 09:16	09/30/25 20:50	1
Chlorobromomethane	0.00086	U	0.00086	0.00051	mg/Kg	☼	09/27/25 09:16	09/30/25 20:50	1
Chlorodibromomethane	0.00086	U *	0.00086	0.00046	mg/Kg	☼	09/27/25 09:16	09/30/25 20:50	1
Chloroethane	0.00086	U	0.00086	0.00045	mg/Kg	☼	09/27/25 09:16	09/30/25 20:50	1
Chloroform	0.00086	U	0.00086	0.00083	mg/Kg	☼	09/27/25 09:16	09/30/25 20:50	1
Chloromethane	0.00086	U	0.00086	0.00037	mg/Kg	☼	09/27/25 09:16	09/30/25 20:50	1
cis-1,2-Dichloroethene	0.00086	U	0.00086	0.00031	mg/Kg	☼	09/27/25 09:16	09/30/25 20:50	1
cis-1,3-Dichloropropene	0.00086	U	0.00086	0.00023	mg/Kg	☼	09/27/25 09:16	09/30/25 20:50	1
Cyclohexane	0.00086	U	0.00086	0.00019	mg/Kg	☼	09/27/25 09:16	09/30/25 20:50	1
Dichlorobromomethane	0.00086	U	0.00086	0.00022	mg/Kg	☼	09/27/25 09:16	09/30/25 20:50	1
Dichlorodifluoromethane	0.00086	U	0.00086	0.00029	mg/Kg	☼	09/27/25 09:16	09/30/25 20:50	1
Ethylbenzene	0.00086	U	0.00086	0.00040	mg/Kg	☼	09/27/25 09:16	09/30/25 20:50	1
Ethylene Dibromide	0.00086	U	0.00086	0.00043	mg/Kg	☼	09/27/25 09:16	09/30/25 20:50	1
Isopropylbenzene	0.00086	U	0.00086	0.00024	mg/Kg	☼	09/27/25 09:16	09/30/25 20:50	1
Methyl acetate	0.0043	U *	0.0043	0.0037	mg/Kg	☼	09/27/25 09:16	09/30/25 20:50	1
Methyl tert-butyl ether	0.00086	U	0.00086	0.00044	mg/Kg	☼	09/27/25 09:16	09/30/25 20:50	1
Methylcyclohexane	0.00086	U	0.00086	0.00043	mg/Kg	☼	09/27/25 09:16	09/30/25 20:50	1
Methylene Chloride	**0.0026**		0.0017	0.00098	mg/Kg	☼	09/27/25 09:16	09/30/25 20:50	1
m-Xylene & p-Xylene	0.00086	U	0.00086	0.00036	mg/Kg	☼	09/27/25 09:16	09/30/25 20:50	1
n-Butylbenzene	0.00086	U	0.00086	0.00025	mg/Kg	☼	09/27/25 09:16	09/30/25 20:50	1
N-Propylbenzene	0.00086	U	0.00086	0.00038	mg/Kg	☼	09/27/25 09:16	09/30/25 20:50	1
o-Xylene	0.00086	U	0.00086	0.00040	mg/Kg	☼	09/27/25 09:16	09/30/25 20:50	1
sec-Butylbenzene	0.00086	U	0.00086	0.00025	mg/Kg	☼	09/27/25 09:16	09/30/25 20:50	1
Styrene	0.00086	U	0.00086	0.00024	mg/Kg	☼	09/27/25 09:16	09/30/25 20:50	1
tert-Butylbenzene	0.00086	U	0.00086	0.00024	mg/Kg	☼	09/27/25 09:16	09/30/25 20:50	1
Tetrachloroethene	0.00086	U	0.00086	0.00026	mg/Kg	☼	09/27/25 09:16	09/30/25 20:50	1
Toluene	0.00086	U	0.00086	0.00020	mg/Kg	☼	09/27/25 09:16	09/30/25 20:50	1
trans-1,2-Dichloroethene	0.00086	U	0.00086	0.00021	mg/Kg	☼	09/27/25 09:16	09/30/25 20:50	1
trans-1,3-Dichloropropene	0.00086	U	0.00086	0.00023	mg/Kg	☼	09/27/25 09:16	09/30/25 20:50	1
Trichloroethene	0.00086	U	0.00086	0.00028	mg/Kg	☼	09/27/25 09:16	09/30/25 20:50	1
Trichlorofluoromethane	0.00086	U	0.00086	0.00035	mg/Kg	☼	09/27/25 09:16	09/30/25 20:50	1
Vinyl chloride	0.00086	U	0.00086	0.00047	mg/Kg	☼	09/27/25 09:16	09/30/25 20:50	1
Xylenes, Total	0.0017	U	0.0017	0.00015	mg/Kg	☼	09/27/25 09:16	09/30/25 20:50	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,2-Dichloroethane-d4 (Surr)	*107*		*65 - 138*	*09/27/25 09:16*	*09/30/25 20:50*	*1*
4-Bromofluorobenzene	*96*		*71 - 128*	*09/27/25 09:16*	*09/30/25 20:50*	*1*
Dibromofluoromethane (Surr)	*98*		*50 - 150*	*09/27/25 09:16*	*09/30/25 20:50*	*1*
Toluene-d8 (Surr)	*101*		*71 - 126*	*09/27/25 09:16*	*09/30/25 20:50*	*1*

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Percent Moisture (EPA Moisture)	**13.1**		1.0	1.0	%			09/28/25 21:11	1
Percent Solids (EPA Moisture)	**86.9**		1.0	1.0	%			09/28/25 21:11	1

Surrogate Summary

Client: Haley & Aldrich, Inc.
Project/Site: Former Port Mobil

Job ID: 460-335747-1

Method: 8260D - Volatile Organic Compounds by GC/MS

Matrix: Solid

Prep Type: Total/NA

		Percent Surrogate Recovery (Acceptance Limits)			
		DCA	BFB	DBFM	TOL
Lab Sample ID	Client Sample ID	(65-138)	(71-128)	(50-150)	(71-126)
460-335747-17	53A1_7-8	127	108	125	112
460-335747-18	53A2_9-10	125	107	119	110
460-335747-19	53A1_8-9	122	108	121	111
460-335747-20	53A2_5-6	124	107	122	110
460-335747-21	53A1_4-5	121	107	120	108
460-335747-22	53A3_0-1	126	111	124	113
460-335747-23	53A1_2-3	126	108	123	110
460-335747-24	53B2_4-5	116	101	113	102
460-335747-25	53B1_5-6	124	109	121	111
460-335747-26	53B1_7-8	124	104	124	111
460-335747-27	53B3_9-10	119	106	116	106
460-335747-28	53B1_2-3	124	108	119	110
460-335747-29	53B3_1-2	122	105	118	109
460-335747-30	53B2_6-7	122	112	122	110
460-335747-31	53C1_1-2	123	109	123	111
460-335747-32	53C1_9-10	129	112	127	114
460-335747-33	53C3_2-3	122	107	119	109
460-335747-34	53C2_5-6	122	101	118	109
460-335747-35	53C2_4-5	127	107	126	111
460-335747-36	53C3_8-9	121	105	121	110
460-335747-37	53C1_7-8	122	104	117	109
460-335747-38	54D3_1-2	129	107	125	111
460-335747-39	54D3_2-3	126	107	123	110
460-335747-40	54D1_0-1	127	110	122	111
460-335747-41	54C1_4-5	126	105	119	111
460-335747-42	54C3_1-2	125	107	119	109
460-335747-43	54C3_5-6	125	108	121	112
460-335747-44	54C1_7-8	131	114	124	114
460-335747-45	54C2_2-3	122	106	118	108
460-335747-46	54C1_3-4	108	95	98	103
460-335747-47	54C2_6-7	92	95	93	105
460-335747-48	54B2_4-5	107	97	98	103
460-335747-49	53D3_7-8	105	97	96	102
460-335747-50	53D1_0-1	106	99	97	102
460-335747-51	53D2_3-4	105	97	96	103
460-335747-52	53D3_2-3	119	104	115	105
460-335747-53	53D2_4-5	121	106	118	108
460-335747-54	53D1_5-6	129	110	123	114
460-335747-55	53D1_6-7	122	109	117	109
460-335747-56	54D2_4-5	124	107	119	106
460-335747-57	54D1_6-7	123	105	120	110
460-335747-58	54D1_5-6	124	108	120	109
460-335747-59	54D2_3-4	128	108	123	112
460-335747-60	54B3_5-6	122	105	119	108
460-335747-61	54B3_6-7	124	109	122	111
460-335747-62	54B1_0-1	124	107	119	109
460-335747-63	54B2_7-8	120	105	116	108
460-335747-64	54B1_2-3	130	111	123	112
460-335747-65	54B2_3-4	133	118	128	120

Method: 8260D - Volatile Organic Compounds by GC/MS (Continued)

Matrix: Solid

Prep Type: Total/NA

		Percent Surrogate Recovery (Acceptance Limits)			
		DCA	BFB	DBFM	TOL
Lab Sample ID	Client Sample ID	(65-138)	(71-128)	(50-150)	(71-126)
460-335747-66	54A1_0-1	113	105	114	105
460-335747-67	54A3_5-6	109	96	100	103
460-335747-68	54A1_7-8	106	99	98	106
460-335747-69	54A3_2-3	94	80	84	84
460-335747-70	54A2_1-2	103	93	95	100
460-335747-71	54A1_4-5	114	95	98	100
460-335747-72	54A2_6-7	107	96	98	101
LCS 460-1064575/3	Lab Control Sample	109	102	114	107
LCS 460-1064680/3	Lab Control Sample	116	103	117	109
LCS 460-1064681/2	Lab Control Sample	106	98	98	107
LCS 460-1064825/3	Lab Control Sample	115	101	113	108
LCS 460-1064829/2	Lab Control Sample	105	98	97	105
LCS 460-1064946/2	Lab Control Sample	107	97	94	104
LCS 460-1064953/3	Lab Control Sample	119	103	116	110
LCSD 460-1064575/4	Lab Control Sample Dup	116	103	117	112
LCSD 460-1064680/4	Lab Control Sample Dup	120	105	117	111
LCSD 460-1064681/3	Lab Control Sample Dup	105	94	96	105
LCSD 460-1064825/4	Lab Control Sample Dup	116	101	114	109
LCSD 460-1064829/3	Lab Control Sample Dup	105	96	95	105
LCSD 460-1064946/3	Lab Control Sample Dup	107	98	96	106
LCSD 460-1064953/4	Lab Control Sample Dup	119	103	115	110
MB 460-1064575/7	Method Blank	113	103	116	108
MB 460-1064680/8	Method Blank	118	105	116	107
MB 460-1064681/6	Method Blank	104	96	98	105
MB 460-1064825/8	Method Blank	119	109	118	113
MB 460-1064829/7	Method Blank	100	96	96	106
MB 460-1064946/6	Method Blank	103	96	96	106
MB 460-1064953/8	Method Blank	119	107	116	107

Surrogate Legend

DCA = 1,2-Dichloroethane-d4 (Surr)
BFB = 4-Bromofluorobenzene
DBFM = Dibromofluoromethane (Surr)
TOL = Toluene-d8 (Surr)

Method: 8270E - Semivolatile Organic Compounds (GC/MS)

Matrix: Solid

Prep Type: Total/NA

		Percent Surrogate Recovery (Acceptance Limits)					
		TBP	FBP	2FP	NBZ	PHL	TPHL
Lab Sample ID	Client Sample ID	(18-137)	(33-117)	(24-120)	(27-120)	(28-118)	(33-124)
460-335747-1	53A_0-5	72	70	73	73	70	78
460-335747-1 MS	53A_0-5	77	72	73	73	71	77
460-335747-1 MSD	53A_0-5	61	54	57	56	54	59
460-335747-2	53A_5-10	74	71	76	75	72	83
460-335747-3	53B_0-5	72	70	72	72	70	77
460-335747-4	53B_5-10	57	55	58	57	56	64
460-335747-5	53C_0-5	75	66	67	68	64	79
460-335747-6	53C_5-10	67	67	70	69	67	79
460-335747-7	53D_0-5	66	69	72	70	67	77
460-335747-8	53D_5-10	71	68	69	70	67	84

Surrogate Summary

Client: Haley & Aldrich, Inc.
Project/Site: Former Port Mobil

Job ID: 460-335747-1

Method: 8270E - Semivolatile Organic Compounds (GC/MS) (Continued)

Matrix: Solid

Prep Type: Total/NA

		Percent Surrogate Recovery (Acceptance Limits)					
		TBP	FBP	2FP	NBZ	PHL	TPHL
Lab Sample ID	Client Sample ID	(18-137)	(33-117)	(24-120)	(27-120)	(28-118)	(33-124)
460-335747-9	54A_0-4	67	65	67	67	64	83
460-335747-10	54A_4-8	71	67	68	68	64	83
460-335747-11	54B_0-4	68	67	69	69	67	78
460-335747-12	54B_4-8	59	58	59	61	58	73
460-335747-13	54C_0-4	72	73	75	75	71	81
460-335747-14	54C_4-8	65	63	64	65	62	83
460-335747-15	54D_0-4	69	70	72	71	68	77
460-335747-16	54D_4-8	66	68	71	71	67	77
LCS 460-1064226/2-A	Lab Control Sample	72	68	75	72	74	69
LCSD 460-1064226/3-A	Lab Control Sample Dup	72	65	72	68	69	68
MB 460-1064226/1-A	Method Blank	65	64	72	70	68	66

Surrogate Legend

TBP = 2,4,6-Tribromophenol (Surr)
FBP = 2-Fluorobiphenyl
2FP = 2-Fluorophenol (Surr)
NBZ = Nitrobenzene-d5 (Surr)
PHL = Phenol-d5 (Surr)
TPHL = Terphenyl-d14 (Surr)

Method: 8081B - Organochlorine Pesticides (GC)

Matrix: Solid

Prep Type: Total/NA

		Percent Surrogate Recovery (Acceptance Limits)			
		DCBP1	DCBP2	TCX1	TCX2
Lab Sample ID	Client Sample ID	(10-150)	(10-150)	(14-150)	(14-150)
460-335747-1	53A_0-5	95	78	53	57
460-335747-1 MS	53A_0-5	107	90	66	57
460-335747-1 MSD	53A_0-5	123	106	77	66
460-335747-2	53A_5-10	98	80	66	68
460-335747-3	53B_0-5	100	80	58	60
460-335747-4	53B_5-10	114	84	74	72
460-335747-5	53C_0-5	111	92	78	80
460-335747-6	53C_5-10	114	96	73	75
460-335747-7	53D_0-5	110	90	74	75
460-335747-8	53D_5-10	109	84	73	71
460-335747-9	54A_0-4	105	86	77	77
460-335747-10	54A_4-8	101	84	75	74
460-335747-11	54B_0-4	103	94	85	92
460-335747-12	54B_4-8	102	79	69	67
460-335747-13	54C_0-4	97	76	66	64
460-335747-14	54C_4-8	122	96	69	67
460-335747-15	54D_0-4	106	86	70	70
460-335747-16	54D_4-8	113	96	81	80
LCS 460-1064260/2-A	Lab Control Sample	54	48	64	52
LCSD 460-1064260/3-A	Lab Control Sample Dup	61	50	60	52
MB 460-1064260/1-A	Method Blank	77	67	66	62

Surrogate Legend

DCBP = DCB Decachlorobiphenyl
TCX = Tetrachloro-m-xylene

Surrogate Summary

Client: Haley & Aldrich, Inc.
Project/Site: Former Port Mobil

Job ID: 460-335747-1

Method: 8082A - Polychlorinated Biphenyls (PCBs) by Gas Chromatography

Matrix: Solid

Prep Type: Total/NA

		Percent Surrogate Recovery (Acceptance Limits)			
Lab Sample ID	Client Sample ID	DCBP1 (10-150)	DCBP2 (10-150)	TCX1 (10-150)	TCX2 (10-150)
460-335747-1	53A_0-5	96	91	64	62
460-335747-1 MS	53A_0-5	124	120	80	75
460-335747-1 MSD	53A_0-5	119	117	77	74
460-335747-2	53A_5-10	107	106	95	91
460-335747-3	53B_0-5	124	121	97	92
460-335747-4	53B_5-10	109	105	95	90
460-335747-5	53C_0-5	132	123	114	106
460-335747-6	53C_5-10	126	120	107	100
460-335747-7	53D_0-5	120	113	102	97
460-335747-8	53D_5-10	110	106	93	87
460-335747-9	54A_0-4	117	109	100	93
460-335747-10	54A_4-8	118	110	101	95
460-335747-11	54B_0-4	120	116	114	110
460-335747-12	54B_4-8	126	108	106	89
460-335747-13	54C_0-4	122	99	93	79
460-335747-14	54C_4-8	118	90	78	61
460-335747-15	54D_0-4	108	103	89	85
460-335747-16	54D_4-8	115	108	97	91
LCS 460-1064254/2-A	Lab Control Sample	78	80	90	85
LCSD 460-1064254/3-A	Lab Control Sample Dup	80	80	90	85
MB 460-1064254/1-A	Method Blank	90	90	89	84

Surrogate Legend

DCBP = DCB Decachlorobiphenyl

TCX = Tetrachloro-m-xylene

Isotope Dilution Summary

Client: Haley & Aldrich, Inc.
Project/Site: Former Port Mobil

Job ID: 460-335747-1

Method: 1633A - Per- and Polyfluoroalkyl Substances by LC/MS/MS, 1633A

Matrix: Solid **Prep Type: Total/NA**

		Percent Isotope Dilution Recovery (Acceptance Limits)							
		PFBA	PFPeA	13C5PHA	C4PFHA	C8PFOA	C9PFNA	C6PFDA	13C7PUA
Lab Sample ID	Client Sample ID	(8-130)	(35-130)	(40-130)	(40-130)	(40-130)	(40-130)	(40-130)	(40-130)
460-335747-1	53A_0-5	97.9	87.1	91.1	94.7	92.1	84.7	83.6	76.2
460-335747-2	53A_5-10	88.1	77.7	80.8	83.5	79.6	77.3	72.2	65.8
460-335747-3	53B_0-5	96.9	88.2	86.5	88.1	90.8	91.7	87.4	82.6
460-335747-4	53B_5-10	92.3	86.1	87.9	88.5	89.6	90.7	90.6	78.3
460-335747-5	53C_0-5	94.7	83.6	84.0	85.5	91.6	88.9	85.5	75.9
460-335747-6	53C_5-10	103	90.9	96.9	94.7	93.9	96.0	92.2	82.6
460-335747-7	53D_0-5	97.3	83.2	87.4	93.5	93.6	89.3	85.3	71.2
460-335747-8	53D_5-10	97.1	84.2	87.8	92.6	87.4	85.5	84.0	76.8
460-335747-9	54A_0-4	96.2	88.5	88.8	91.9	91.8	89.5	90.4	81.2
460-335747-10	54A_4-8	104	89.5	92.4	92.2	97.0	92.7	89.4	77.3
460-335747-11	54B_0-4	92.1	75.1	82.6	85.1	91.7	87.7	88.5	84.6
460-335747-12	54B_4-8	106	91.4	93.8	92.3	97.9	92.0	84.4	75.7
460-335747-13	54C_0-4	104	90.5	95.9	92.1	96.2	94.7	90.3	83.4
460-335747-14	54C_4-8	96.6	85.0	90.9	87.6	85.6	80.0	78.6	67.8
460-335747-15	54D_0-4	99.5	94.5	95.0	100	94.3	92.7	88.8	78.8
460-335747-16	54D_4-8	95.8	82.6	88.9	88.6	91.0	84.1	86.6	80.5
460-335747-16 MS	54D_4-8	99.6	85.9	86.9	93.1	95.6	91.4	86.6	75.2
460-335747-16 MSD	54D_4-8	92.9	83.5	85.9	88.9	87.2	90.0	82.6	71.2
LCS 410-707239/2-A	Lab Control Sample	99.2	83.1	84.7	88.1	92.3	86.5	85.9	77.3
LLCS 410-707239/3-A	Lab Control Sample	100	86.5	92.6	94.3	92.8	92.1	87.5	81.4
MB 410-707239/1-A	Method Blank	85.1	72.6	74.1	75.0	80.2	77.1	73.9	68.2

		Percent Isotope Dilution Recovery (Acceptance Limits)							
		PFTDA	C3PFBS	C3PFHS	C8PFOS	PFOSA	d3NMFOS	d5NEFOS	M242FTS
Lab Sample ID	Client Sample ID	(20-130)	(40-135)	(40-130)	(40-130)	(40-130)	(40-135)	(40-150)	(40-165)
460-335747-1	53A_0-5	67.2	85.9	83.3	76.2	85.0	85.3	80.0	89.4
460-335747-2	53A_5-10	56.6	74.3	77.7	67.6	73.0	77.6	67.6	86.9
460-335747-3	53B_0-5	53.6	81.5	82.8	85.4	97.0	114	104	127
460-335747-4	53B_5-10	79.0	77.0	79.9	83.3	90.0	92.7	85.1	78.2
460-335747-5	53C_0-5	58.9	85.8	83.3	82.4	89.9	91.5	83.0	86.1
460-335747-6	53C_5-10	58.6	84.3	88.9	87.1	92.5	95.9	85.9	108
460-335747-7	53D_0-5	61.3	81.3	86.3	81.0	82.7	79.9	67.5	80.0
460-335747-8	53D_5-10	66.3	81.7	87.5	80.1	91.1	87.0	80.5	87.6
460-335747-9	54A_0-4	57.6	85.8	90.0	85.5	91.2	82.9	79.2	83.9
460-335747-10	54A_4-8	62.3	86.2	88.6	80.8	88.8	92.4	84.4	105
460-335747-11	54B_0-4	68.7	76.0	83.5	81.5	90.9	94.2	90.4	103
460-335747-12	54B_4-8	66.6	91.4	90.3	83.0	92.3	94.5	86.4	104
460-335747-13	54C_0-4	60.3	83.9	89.4	84.5	97.3	95.3	87.2	103
460-335747-14	54C_4-8	36.9	85.4	81.1	73.8	80.1	75.8	68.7	91.6
460-335747-15	54D_0-4	56.4	89.3	90.1	88.8	93.7	95.0	82.6	89.7
460-335747-16	54D_4-8	78.3	82.6	83.2	80.9	89.4	88.0	83.3	81.6
460-335747-16 MS	54D_4-8	50.5	83.8	83.0	86.7	92.1	91.4	81.6	89.3
460-335747-16 MSD	54D_4-8	62.4	79.5	79.3	77.0	80.4	78.6	72.2	83.6
LCS 410-707239/2-A	Lab Control Sample	59.4	90.3	92.9	91.1	93.0	88.0	81.3	78.5
LLCS 410-707239/3-A	Lab Control Sample	80.9	88.2	89.1	85.9	86.9	87.3	84.9	83.9
MB 410-707239/1-A	Method Blank	64.2	76.0	72.9	73.4	78.1	80.6	72.6	72.6

		Percent Isotope Dilution Recovery (Acceptance Limits)							
		M262FTS	M282FTS	HFPODA	NMFM	NEFM	d5NPFSA	d3NMFSA	PFDoA
Lab Sample ID	Client Sample ID	(40-215)	(40-275)	(40-130)	(20-130)	(15-130)	(10-130)	(10-130)	(40-130)
460-335747-1	53A_0-5	101	96.1	87.7	52.4	43.3	61.5	70.6	78.2

Isotope Dilution Summary

Client: Haley & Aldrich, Inc.
Project/Site: Former Port Mobil

Job ID: 460-335747-1

Method: 1633A - Per- and Polyfluoroalkyl Substances by LC/MS/MS, 1633A (Continued)

Matrix: Solid **Prep Type: Total/NA**

		Percent Isotope Dilution Recovery (Acceptance Limits)							
Lab Sample ID	Client Sample ID	M262FTS (40-215)	M282FTS (40-275)	HFPODA (40-130)	NMFM (20-130)	NEFM (15-130)	d5NPFSA (10-130)	d3NMFSA (10-130)	PFDoA (40-130)
460-335747-2	53A_5-10	92.8	82.4	74.8	43.9	32.2	52.1	58.8	66.0
460-335747-3	53B_0-5	145	122	81.4	61.4	51.8	65.0	76.9	81.3
460-335747-4	53B_5-10	84.0	97.3	84.0	65.8	57.4	70.3	79.3	87.4
460-335747-5	53C_0-5	95.2	91.6	78.4	43.9	33.9	60.6	75.9	78.3
460-335747-6	53C_5-10	113	103	90.6	21.0	8.54 *	66.5	76.7	81.7
460-335747-7	53D_0-5	89.3	81.8	85.9	31.2	19.0	59.8	69.0	68.2
460-335747-8	53D_5-10	95.3	90.4	81.7	38.4	26.8	69.0	79.7	79.8
460-335747-9	54A_0-4	90.9	92.4	85.1	34.3	26.8	68.0	81.2	78.1
460-335747-10	54A_4-8	109	102	89.0	37.0	28.2	68.9	79.5	78.4
460-335747-11	54B_0-4	112	102	78.6	31.4	24.9	75.3	82.5	88.4
460-335747-12	54B_4-8	119	103	89.5	45.8	37.7	71.3	86.0	78.5
460-335747-13	54C_0-4	107	96.8	88.6	46.0	39.8	73.1	85.2	83.1
460-335747-14	54C_4-8	89.1	77.4	82.4	30.6	22.4	53.9	65.6	62.4
460-335747-15	54D_0-4	96.6	104	94.2	35.3	23.9	68.5	81.0	72.4
460-335747-16	54D_4-8	95.5	90.2	87.8	58.5	52.6	70.5	78.0	83.8
460-335747-16 MS	54D_4-8	94.3	91.9	86.1	56.5	49.1	67.9	78.2	75.1
460-335747-16 MSD	54D_4-8	84.1	88.0	84.5	45.5	35.8	61.5	68.3	73.1
LCS 410-707239/2-A	Lab Control Sample	91.1	95.9	84.5	57.1	41.6	70.0	80.6	77.2
LLCS 410-707239/3-A	Lab Control Sample	97.0	104	85.8	62.0	48.2	64.8	71.3	91.5
MB 410-707239/1-A	Method Blank	79.4	76.9	71.9	50.0	36.0	60.5	69.0	73.6

Surrogate Legend

PFBA = 13C4 PFBA
PFPeA = 13C5 PFPeA
13C5PHA = 13C5 PFHxA
C4PFHA = 13C4 PFHpA
C8PFOA = 13C8 PFOA
C9PFNA = 13C9 PFNA
C6PFDA = 13C6 PFDA
13C7PUA = 13C7 PFUnA
PFTDA = 13C2 PFTeDA
C3PFBS = 13C3 PFBS
C3PFHS = 13C3 PFHxS
C8PFOS = 13C8 PFOS
PFOSA = 13C8 FOSA
d3NMFOS = d3-NMeFOSAA
d5NEFOS = d5-NEtFOSAA
M242FTS = 13C2 4:2 FTS
M262FTS = 13C2 6:2 FTS
M282FTS = 13C2 8:2 FTS
HFPODA = 13C3 HFPO-DA
NMFM = d7-N-MeFOSE-M
NEFM = d9-N-EtFOSE-M
d5NPFSA = d5-NEtPFOSA
d3NMFSA = d3-NMePFOSA
PFDoA = 13C2 PFDoA

Method: 8260D - Volatile Organic Compounds by GC/MS

Lab Sample ID: MB 460-1064575/7
Matrix: Solid
Analysis Batch: 1064575

Client Sample ID: Method Blank
Prep Type: Total/NA

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1-Trichloroethane	0.0010	U	0.0010	0.00023	mg/Kg			09/29/25 23:18	1
1,1,2,2-Tetrachloroethane	0.0010	U	0.0010	0.00052	mg/Kg			09/29/25 23:18	1
1,1,2-Trichloro-1,2,2-trifluoroethane	0.0010	U	0.0010	0.00030	mg/Kg			09/29/25 23:18	1
1,1,2-Trichloroethane	0.0010	U	0.0010	0.00060	mg/Kg			09/29/25 23:18	1
1,1-Dichloroethane	0.0010	U	0.0010	0.00060	mg/Kg			09/29/25 23:18	1
1,1-Dichloroethene	0.0010	U	0.0010	0.00023	mg/Kg			09/29/25 23:18	1
1,2,3-Trichlorobenzene	0.0010	U	0.0010	0.00074	mg/Kg			09/29/25 23:18	1
1,2,4-Trichlorobenzene	0.0010	U	0.0010	0.00036	mg/Kg			09/29/25 23:18	1
1,2,4-Trimethylbenzene	0.0010	U	0.0010	0.00025	mg/Kg			09/29/25 23:18	1
1,2-Dibromo-3-Chloropropane	0.0010	U	0.0010	0.00046	mg/Kg			09/29/25 23:18	1
1,2-Dichlorobenzene	0.0010	U	0.0010	0.00036	mg/Kg			09/29/25 23:18	1
1,2-Dichloroethane	0.0010	U	0.0010	0.00030	mg/Kg			09/29/25 23:18	1
1,2-Dichloropropane	0.0010	U	0.0010	0.00042	mg/Kg			09/29/25 23:18	1
1,3,5-Trimethylbenzene	0.0010	U	0.0010	0.00031	mg/Kg			09/29/25 23:18	1
1,3-Dichlorobenzene	0.0010	U	0.0010	0.00037	mg/Kg			09/29/25 23:18	1
1,4-Dichlorobenzene	0.0010	U	0.0010	0.00052	mg/Kg			09/29/25 23:18	1
2-Butanone (MEK)	0.0050	U	0.0050	0.00037	mg/Kg			09/29/25 23:18	1
2-Hexanone	0.0050	U	0.0050	0.0017	mg/Kg			09/29/25 23:18	1
4-Methyl-2-pentanone (MIBK)	0.0050	U	0.0050	0.0016	mg/Kg			09/29/25 23:18	1
Acetone	0.0060	U	0.0060	0.0057	mg/Kg			09/29/25 23:18	1
Benzene	0.0010	U	0.0010	0.00057	mg/Kg			09/29/25 23:18	1
Bromoform	0.0010	U	0.0010	0.00043	mg/Kg			09/29/25 23:18	1
Bromomethane	0.0020	U	0.0020	0.0010	mg/Kg			09/29/25 23:18	1
Carbon disulfide	0.0010	U	0.0010	0.00027	mg/Kg			09/29/25 23:18	1
Carbon tetrachloride	0.0010	U	0.0010	0.00039	mg/Kg			09/29/25 23:18	1
Chlorobenzene	0.0010	U	0.0010	0.00051	mg/Kg			09/29/25 23:18	1
Chlorobromomethane	0.0010	U	0.0010	0.00060	mg/Kg			09/29/25 23:18	1
Chlorodibromomethane	0.0010	U	0.0010	0.00054	mg/Kg			09/29/25 23:18	1
Chloroethane	0.0010	U	0.0010	0.00052	mg/Kg			09/29/25 23:18	1
Chloroform	0.0010	U	0.0010	0.00097	mg/Kg			09/29/25 23:18	1
Chloromethane	0.0010	U	0.0010	0.00044	mg/Kg			09/29/25 23:18	1
cis-1,2-Dichloroethene	0.0010	U	0.0010	0.00036	mg/Kg			09/29/25 23:18	1
cis-1,3-Dichloropropene	0.0010	U	0.0010	0.00027	mg/Kg			09/29/25 23:18	1
Cyclohexane	0.0010	U	0.0010	0.00022	mg/Kg			09/29/25 23:18	1
Dichlorobromomethane	0.0010	U	0.0010	0.00026	mg/Kg			09/29/25 23:18	1
Dichlorodifluoromethane	0.0010	U	0.0010	0.00034	mg/Kg			09/29/25 23:18	1
Ethylbenzene	0.0010	U	0.0010	0.00047	mg/Kg			09/29/25 23:18	1
Ethylene Dibromide	0.0010	U	0.0010	0.00050	mg/Kg			09/29/25 23:18	1
Isopropylbenzene	0.0010	U	0.0010	0.00029	mg/Kg			09/29/25 23:18	1
Methyl acetate	0.0050	U	0.0050	0.0043	mg/Kg			09/29/25 23:18	1
Methyl tert-butyl ether	0.0010	U	0.0010	0.00051	mg/Kg			09/29/25 23:18	1
Methylcyclohexane	0.0010	U	0.0010	0.00050	mg/Kg			09/29/25 23:18	1
Methylene Chloride	0.0020	U	0.0020	0.0011	mg/Kg			09/29/25 23:18	1
m-Xylene & p-Xylene	0.0010	U	0.0010	0.00042	mg/Kg			09/29/25 23:18	1
n-Butylbenzene	0.0010	U	0.0010	0.00029	mg/Kg			09/29/25 23:18	1
N-Propylbenzene	0.0010	U	0.0010	0.00045	mg/Kg			09/29/25 23:18	1
o-Xylene	0.0010	U	0.0010	0.00046	mg/Kg			09/29/25 23:18	1
sec-Butylbenzene	0.0010	U	0.0010	0.00029	mg/Kg			09/29/25 23:18	1

Method: 8260D - Volatile Organic Compounds by GC/MS (Continued)

Lab Sample ID: MB 460-1064575/7
Matrix: Solid
Analysis Batch: 1064575

Client Sample ID: Method Blank
Prep Type: Total/NA

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Styrene	0.0010	U	0.0010	0.00028	mg/Kg			09/29/25 23:18	1
tert-Butylbenzene	0.0010	U	0.0010	0.00028	mg/Kg			09/29/25 23:18	1
Tetrachloroethene	0.0010	U	0.0010	0.00031	mg/Kg			09/29/25 23:18	1
Toluene	0.0010	U	0.0010	0.00023	mg/Kg			09/29/25 23:18	1
trans-1,2-Dichloroethene	0.0010	U	0.0010	0.00025	mg/Kg			09/29/25 23:18	1
trans-1,3-Dichloropropene	0.0010	U	0.0010	0.00027	mg/Kg			09/29/25 23:18	1
Trichloroethene	0.0010	U	0.0010	0.00032	mg/Kg			09/29/25 23:18	1
Trichlorofluoromethane	0.0010	U	0.0010	0.00041	mg/Kg			09/29/25 23:18	1
Vinyl chloride	0.0010	U	0.0010	0.00055	mg/Kg			09/29/25 23:18	1
Xylenes, Total	0.0020	U	0.0020	0.00017	mg/Kg			09/29/25 23:18	1

Surrogate	*MB %Recovery*	*MB Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,2-Dichloroethane-d4 (Surr)	*113*		*65 - 138*		*09/29/25 23:18*	*1*
4-Bromofluorobenzene	*103*		*71 - 128*		*09/29/25 23:18*	*1*
Dibromofluoromethane (Surr)	*116*		*50 - 150*		*09/29/25 23:18*	*1*
Toluene-d8 (Surr)	*108*		*71 - 126*		*09/29/25 23:18*	*1*

Lab Sample ID: LCS 460-1064575/3
Matrix: Solid
Analysis Batch: 1064575

Client Sample ID: Lab Control Sample
Prep Type: Total/NA

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
1,1,1-Trichloroethane	0.0200	0.0209		mg/Kg		104	78 - 120
1,1,2,2-Tetrachloroethane	0.0200	0.0203		mg/Kg		101	70 - 133
1,1,2-Trichloro-1,2,2-trifluoroethane	0.0200	0.0214		mg/Kg		107	75 - 121
1,1,2-Trichloroethane	0.0200	0.0203		mg/Kg		101	80 - 120
1,1-Dichloroethane	0.0200	0.0213		mg/Kg		106	72 - 120
1,1-Dichloroethene	0.0200	0.0198		mg/Kg		99	76 - 120
1,2,3-Trichlorobenzene	0.0200	0.0214		mg/Kg		107	77 - 137
1,2,4-Trichlorobenzene	0.0200	0.0209		mg/Kg		105	77 - 136
1,2,4-Trimethylbenzene	0.0200	0.0197		mg/Kg		98	75 - 120
1,2-Dibromo-3-Chloropropane	0.0200	0.0226		mg/Kg		113	80 - 124
1,2-Dichlorobenzene	0.0200	0.0198		mg/Kg		99	80 - 120
1,2-Dichloroethane	0.0200	0.0222		mg/Kg		111	70 - 123
1,2-Dichloropropane	0.0200	0.0200		mg/Kg		100	73 - 124
1,3,5-Trimethylbenzene	0.0200	0.0200		mg/Kg		100	70 - 120
1,3-Dichlorobenzene	0.0200	0.0200		mg/Kg		100	80 - 120
1,4-Dichlorobenzene	0.0200	0.0198		mg/Kg		99	80 - 120
2-Butanone (MEK)	0.100	0.110		mg/Kg		110	64 - 128
2-Hexanone	0.100	0.111		mg/Kg		111	75 - 120
4-Methyl-2-pentanone (MIBK)	0.100	0.109		mg/Kg		109	80 - 120
Acetone	0.100	0.104		mg/Kg		104	58 - 122
Benzene	0.0200	0.0198		mg/Kg		99	75 - 120
Bromoform	0.0200	0.0200		mg/Kg		100	61 - 125
Bromomethane	0.0200	0.0151		mg/Kg		75	37 - 150
Carbon disulfide	0.0200	0.0189		mg/Kg		94	57 - 133
Carbon tetrachloride	0.0200	0.0207		mg/Kg		104	66 - 127
Chlorobenzene	0.0200	0.0206		mg/Kg		103	80 - 120

Method: 8260D - Volatile Organic Compounds by GC/MS (Continued)

Lab Sample ID: LCS 460-1064575/3
Matrix: Solid
Analysis Batch: 1064575

Client Sample ID: Lab Control Sample
Prep Type: Total/NA

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
Chlorobromomethane	0.0200	0.0217		mg/Kg		108	76 - 127
Chlorodibromomethane	0.0200	0.0198		mg/Kg		99	72 - 120
Chloroethane	0.0200	0.0203		mg/Kg		102	60 - 123
Chloroform	0.0200	0.0216		mg/Kg		108	79 - 126
Chloromethane	0.0200	0.0170		mg/Kg		85	46 - 122
cis-1,2-Dichloroethene	0.0200	0.0208		mg/Kg		104	80 - 123
cis-1,3-Dichloropropene	0.0200	0.0198		mg/Kg		99	75 - 120
Cyclohexane	0.0200	0.0199		mg/Kg		100	65 - 132
Dichlorobromomethane	0.0200	0.0207		mg/Kg		103	77 - 124
Dichlorodifluoromethane	0.0200	0.0159		mg/Kg		79	45 - 129
Ethylbenzene	0.0200	0.0196		mg/Kg		98	80 - 120
Ethylene Dibromide	0.0200	0.0210		mg/Kg		105	79 - 120
Isopropylbenzene	0.0200	0.0200		mg/Kg		100	74 - 120
Methyl acetate	0.0400	0.0424		mg/Kg		106	57 - 120
Methyl tert-butyl ether	0.0200	0.0207		mg/Kg		103	74 - 125
Methylcyclohexane	0.0200	0.0203		mg/Kg		101	66 - 125
Methylene Chloride	0.0200	0.0206		mg/Kg		103	78 - 120
m-Xylene & p-Xylene	0.0200	0.0198		mg/Kg		99	80 - 120
n-Butylbenzene	0.0200	0.0200		mg/Kg		100	72 - 120
N-Propylbenzene	0.0200	0.0205		mg/Kg		102	68 - 120
o-Xylene	0.0200	0.0198		mg/Kg		99	80 - 120
sec-Butylbenzene	0.0200	0.0203		mg/Kg		101	78 - 120
Styrene	0.0200	0.0210		mg/Kg		105	80 - 120
tert-Butylbenzene	0.0200	0.0211		mg/Kg		106	80 - 120
Tetrachloroethene	0.0200	0.0196		mg/Kg		98	73 - 120
Toluene	0.0200	0.0193		mg/Kg		97	80 - 120
trans-1,2-Dichloroethene	0.0200	0.0205		mg/Kg		102	78 - 120
trans-1,3-Dichloropropene	0.0200	0.0198		mg/Kg		99	77 - 120
Trichloroethene	0.0200	0.0210		mg/Kg		105	80 - 120
Trichlorofluoromethane	0.0200	0.0186		mg/Kg		93	61 - 130
Vinyl chloride	0.0200	0.0194		mg/Kg		97	54 - 122
Xylenes, Total	0.0400	0.0396		mg/Kg		99	80 - 120

Surrogate	*LCS %Recovery*	*LCS Qualifier*	*Limits*
1,2-Dichloroethane-d4 (Surr)	*109*		*65 - 138*
4-Bromofluorobenzene	*102*		*71 - 128*
Dibromofluoromethane (Surr)	*114*		*50 - 150*
Toluene-d8 (Surr)	*107*		*71 - 126*

Lab Sample ID: LCSD 460-1064575/4
Matrix: Solid
Analysis Batch: 1064575

Client Sample ID: Lab Control Sample Dup
Prep Type: Total/NA

Analyte	Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
1,1,1-Trichloroethane	0.0200	0.0230		mg/Kg		115	78 - 120	10	30
1,1,2,2-Tetrachloroethane	0.0200	0.0217		mg/Kg		108	70 - 133	7	30
1,1,2-Trichloro-1,2,2-trifluoroethane	0.0200	0.0242		mg/Kg		121	75 - 121	13	30
1,1,2-Trichloroethane	0.0200	0.0208		mg/Kg		104	80 - 120	3	30

Method: 8260D - Volatile Organic Compounds by GC/MS (Continued)

Lab Sample ID: LCSD 460-1064575/4
Matrix: Solid
Analysis Batch: 1064575

Client Sample ID: Lab Control Sample Dup
Prep Type: Total/NA

Analyte			Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
1,1-Dichloroethane			0.0200	0.0227		mg/Kg		113	72 - 120	6	30
1,1-Dichloroethene			0.0200	0.0222		mg/Kg		111	76 - 120	11	30
1,2,3-Trichlorobenzene			0.0200	0.0230		mg/Kg		115	77 - 137	8	30
1,2,4-Trichlorobenzene			0.0200	0.0230		mg/Kg		115	77 - 136	9	30
1,2,4-Trimethylbenzene			0.0200	0.0216		mg/Kg		108	75 - 120	9	30
1,2-Dibromo-3-Chloropropane			0.0200	0.0232		mg/Kg		116	80 - 124	2	30
1,2-Dichlorobenzene			0.0200	0.0210		mg/Kg		105	80 - 120	6	30
1,2-Dichloroethane			0.0200	0.0234		mg/Kg		117	70 - 123	5	30
1,2-Dichloropropane			0.0200	0.0217		mg/Kg		109	73 - 124	8	30
1,3,5-Trimethylbenzene			0.0200	0.0217		mg/Kg		109	70 - 120	9	30
1,3-Dichlorobenzene			0.0200	0.0214		mg/Kg		107	80 - 120	7	30
1,4-Dichlorobenzene			0.0200	0.0215		mg/Kg		107	80 - 120	8	30
2-Butanone (MEK)			0.100	0.119		mg/Kg		119	64 - 128	7	30
2-Hexanone			0.100	0.117		mg/Kg		117	75 - 120	5	30
4-Methyl-2-pentanone (MIBK)			0.100	0.115		mg/Kg		115	80 - 120	5	30
Acetone			0.100	0.107		mg/Kg		107	58 - 122	3	30
Benzene			0.0200	0.0216		mg/Kg		108	75 - 120	8	30
Bromoform			0.0200	0.0202		mg/Kg		101	61 - 125	1	30
Bromomethane			0.0200	0.0166		mg/Kg		83	37 - 150	10	30
Carbon disulfide			0.0200	0.0208		mg/Kg		104	57 - 133	10	30
Carbon tetrachloride			0.0200	0.0231		mg/Kg		116	66 - 127	11	30
Chlorobenzene			0.0200	0.0222		mg/Kg		111	80 - 120	7	30
Chlorobromomethane			0.0200	0.0230		mg/Kg		115	76 - 127	6	30
Chlorodibromomethane			0.0200	0.0207		mg/Kg		104	72 - 120	5	30
Chloroethane			0.0200	0.0222		mg/Kg		111	60 - 123	9	30
Chloroform			0.0200	0.0233		mg/Kg		116	79 - 126	8	30
Chloromethane			0.0200	0.0190		mg/Kg		95	46 - 122	12	30
cis-1,2-Dichloroethene			0.0200	0.0218		mg/Kg		109	80 - 123	5	30
cis-1,3-Dichloropropene			0.0200	0.0214		mg/Kg		107	75 - 120	8	30
Cyclohexane			0.0200	0.0225		mg/Kg		113	65 - 132	12	30
Dichlorobromomethane			0.0200	0.0219		mg/Kg		109	77 - 124	6	30
Dichlorodifluoromethane			0.0200	0.0194		mg/Kg		97	45 - 129	20	30
Ethylbenzene			0.0200	0.0212		mg/Kg		106	80 - 120	7	30
Ethylene Dibromide			0.0200	0.0220		mg/Kg		110	79 - 120	5	30
Isopropylbenzene			0.0200	0.0222		mg/Kg		111	74 - 120	10	30
Methyl acetate			0.0400	0.0436		mg/Kg		109	57 - 120	3	30
Methyl tert-butyl ether			0.0200	0.0209		mg/Kg		105	74 - 125	1	30
Methylcyclohexane			0.0200	0.0228		mg/Kg		114	66 - 125	12	30
Methylene Chloride			0.0200	0.0222		mg/Kg		111	78 - 120	7	30
m-Xylene & p-Xylene			0.0200	0.0219		mg/Kg		109	80 - 120	10	30
n-Butylbenzene			0.0200	0.0223		mg/Kg		112	72 - 120	11	30
N-Propylbenzene			0.0200	0.0222		mg/Kg		111	68 - 120	8	30
o-Xylene			0.0200	0.0217		mg/Kg		109	80 - 120	9	30
sec-Butylbenzene			0.0200	0.0225		mg/Kg		112	78 - 120	10	30
Styrene			0.0200	0.0223		mg/Kg		111	80 - 120	6	30
tert-Butylbenzene			0.0200	0.0229		mg/Kg		115	80 - 120	8	30
Tetrachloroethene			0.0200	0.0224		mg/Kg		112	73 - 120	13	30
Toluene			0.0200	0.0213		mg/Kg		107	80 - 120	10	30
trans-1,2-Dichloroethene			0.0200	0.0223		mg/Kg		111	78 - 120	8	30

Method: 8260D - Volatile Organic Compounds by GC/MS (Continued)

Lab Sample ID: LCSD 460-1064575/4
Matrix: Solid
Analysis Batch: 1064575

Client Sample ID: Lab Control Sample Dup
Prep Type: Total/NA

Analyte			Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
trans-1,3-Dichloropropene			0.0200	0.0210		mg/Kg		105	77 - 120	6	30
Trichloroethene			0.0200	0.0226		mg/Kg		113	80 - 120	7	30
Trichlorofluoromethane			0.0200	0.0223		mg/Kg		111	61 - 130	18	30
Vinyl chloride			0.0200	0.0225		mg/Kg		112	54 - 122	15	30
Xylenes, Total			0.0400	0.0436		mg/Kg		109	80 - 120	10	30

Surrogate	*LCSD %Recovery*	*LCSD Qualifier*	*Limits*
1,2-Dichloroethane-d4 (Surr)	*116*		*65 - 138*
4-Bromofluorobenzene	*103*		*71 - 128*
Dibromofluoromethane (Surr)	*117*		*50 - 150*
Toluene-d8 (Surr)	*112*		*71 - 126*

Lab Sample ID: MB 460-1064680/8
Matrix: Solid
Analysis Batch: 1064680

Client Sample ID: Method Blank
Prep Type: Total/NA

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1-Trichloroethane	0.0010	U	0.0010	0.00023	mg/Kg			09/30/25 08:03	1
1,1,2,2-Tetrachloroethane	0.0010	U	0.0010	0.00052	mg/Kg			09/30/25 08:03	1
1,1,2-Trichloro-1,2,2-trifluoroethane	0.0010	U	0.0010	0.00030	mg/Kg			09/30/25 08:03	1
1,1,2-Trichloroethane	0.0010	U	0.0010	0.00060	mg/Kg			09/30/25 08:03	1
1,1-Dichloroethane	0.0010	U	0.0010	0.00060	mg/Kg			09/30/25 08:03	1
1,1-Dichloroethene	0.0010	U	0.0010	0.00023	mg/Kg			09/30/25 08:03	1
1,2,3-Trichlorobenzene	0.0010	U	0.0010	0.00074	mg/Kg			09/30/25 08:03	1
1,2,4-Trichlorobenzene	0.0010	U	0.0010	0.00036	mg/Kg			09/30/25 08:03	1
1,2,4-Trimethylbenzene	0.0010	U	0.0010	0.00025	mg/Kg			09/30/25 08:03	1
1,2-Dibromo-3-Chloropropane	0.0010	U	0.0010	0.00046	mg/Kg			09/30/25 08:03	1
1,2-Dichlorobenzene	0.0010	U	0.0010	0.00036	mg/Kg			09/30/25 08:03	1
1,2-Dichloroethane	0.0010	U	0.0010	0.00030	mg/Kg			09/30/25 08:03	1
1,2-Dichloropropane	0.0010	U	0.0010	0.00042	mg/Kg			09/30/25 08:03	1
1,3,5-Trimethylbenzene	0.0010	U	0.0010	0.00031	mg/Kg			09/30/25 08:03	1
1,3-Dichlorobenzene	0.0010	U	0.0010	0.00037	mg/Kg			09/30/25 08:03	1
1,4-Dichlorobenzene	0.0010	U	0.0010	0.00052	mg/Kg			09/30/25 08:03	1
2-Butanone (MEK)	0.0050	U	0.0050	0.00037	mg/Kg			09/30/25 08:03	1
2-Hexanone	0.0050	U	0.0050	0.0017	mg/Kg			09/30/25 08:03	1
4-Methyl-2-pentanone (MIBK)	0.0050	U	0.0050	0.0016	mg/Kg			09/30/25 08:03	1
Acetone	0.0060	U	0.0060	0.0057	mg/Kg			09/30/25 08:03	1
Benzene	0.0010	U	0.0010	0.00057	mg/Kg			09/30/25 08:03	1
Bromoform	0.0010	U	0.0010	0.00043	mg/Kg			09/30/25 08:03	1
Bromomethane	0.0020	U	0.0020	0.0010	mg/Kg			09/30/25 08:03	1
Carbon disulfide	0.0010	U	0.0010	0.00027	mg/Kg			09/30/25 08:03	1
Carbon tetrachloride	0.0010	U	0.0010	0.00039	mg/Kg			09/30/25 08:03	1
Chlorobenzene	0.0010	U	0.0010	0.00051	mg/Kg			09/30/25 08:03	1
Chlorobromomethane	0.0010	U	0.0010	0.00060	mg/Kg			09/30/25 08:03	1
Chlorodibromomethane	0.0010	U	0.0010	0.00054	mg/Kg			09/30/25 08:03	1
Chloroethane	0.0010	U	0.0010	0.00052	mg/Kg			09/30/25 08:03	1
Chloroform	0.0010	U	0.0010	0.00097	mg/Kg			09/30/25 08:03	1
Chloromethane	0.0010	U	0.0010	0.00044	mg/Kg			09/30/25 08:03	1

Method: 8260D - Volatile Organic Compounds by GC/MS (Continued)

Lab Sample ID: MB 460-1064680/8
Matrix: Solid
Analysis Batch: 1064680

Client Sample ID: Method Blank
Prep Type: Total/NA

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
cis-1,2-Dichloroethene	0.0010	U	0.0010	0.00036	mg/Kg			09/30/25 08:03	1
cis-1,3-Dichloropropene	0.0010	U	0.0010	0.00027	mg/Kg			09/30/25 08:03	1
Cyclohexane	0.0010	U	0.0010	0.00022	mg/Kg			09/30/25 08:03	1
Dichlorobromomethane	0.0010	U	0.0010	0.00026	mg/Kg			09/30/25 08:03	1
Dichlorodifluoromethane	0.0010	U	0.0010	0.00034	mg/Kg			09/30/25 08:03	1
Ethylbenzene	0.0010	U	0.0010	0.00047	mg/Kg			09/30/25 08:03	1
Ethylene Dibromide	0.0010	U	0.0010	0.00050	mg/Kg			09/30/25 08:03	1
Isopropylbenzene	0.0010	U	0.0010	0.00029	mg/Kg			09/30/25 08:03	1
Methyl acetate	0.0050	U	0.0050	0.0043	mg/Kg			09/30/25 08:03	1
Methyl tert-butyl ether	0.0010	U	0.0010	0.00051	mg/Kg			09/30/25 08:03	1
Methylcyclohexane	0.0010	U	0.0010	0.00050	mg/Kg			09/30/25 08:03	1
Methylene Chloride	0.0020	U	0.0020	0.0011	mg/Kg			09/30/25 08:03	1
m-Xylene & p-Xylene	0.0010	U	0.0010	0.00042	mg/Kg			09/30/25 08:03	1
n-Butylbenzene	0.0010	U	0.0010	0.00029	mg/Kg			09/30/25 08:03	1
N-Propylbenzene	0.0010	U	0.0010	0.00045	mg/Kg			09/30/25 08:03	1
o-Xylene	0.0010	U	0.0010	0.00046	mg/Kg			09/30/25 08:03	1
sec-Butylbenzene	0.0010	U	0.0010	0.00029	mg/Kg			09/30/25 08:03	1
Styrene	0.0010	U	0.0010	0.00028	mg/Kg			09/30/25 08:03	1
tert-Butylbenzene	0.0010	U	0.0010	0.00028	mg/Kg			09/30/25 08:03	1
Tetrachloroethene	0.0010	U	0.0010	0.00031	mg/Kg			09/30/25 08:03	1
Toluene	0.0010	U	0.0010	0.00023	mg/Kg			09/30/25 08:03	1
trans-1,2-Dichloroethene	0.0010	U	0.0010	0.00025	mg/Kg			09/30/25 08:03	1
trans-1,3-Dichloropropene	0.0010	U	0.0010	0.00027	mg/Kg			09/30/25 08:03	1
Trichloroethene	0.0010	U	0.0010	0.00032	mg/Kg			09/30/25 08:03	1
Trichlorofluoromethane	0.0010	U	0.0010	0.00041	mg/Kg			09/30/25 08:03	1
Vinyl chloride	0.0010	U	0.0010	0.00055	mg/Kg			09/30/25 08:03	1
Xylenes, Total	0.0020	U	0.0020	0.00017	mg/Kg			09/30/25 08:03	1

Surrogate	*MB %Recovery*	*MB Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,2-Dichloroethane-d4 (Surr)	*118*		*65 - 138*		*09/30/25 08:03*	*1*
4-Bromofluorobenzene	*105*		*71 - 128*		*09/30/25 08:03*	*1*
Dibromofluoromethane (Surr)	*116*		*50 - 150*		*09/30/25 08:03*	*1*
Toluene-d8 (Surr)	*107*		*71 - 126*		*09/30/25 08:03*	*1*

Lab Sample ID: LCS 460-1064680/3
Matrix: Solid
Analysis Batch: 1064680

Client Sample ID: Lab Control Sample
Prep Type: Total/NA

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
1,1,1-Trichloroethane	0.0200	0.0225		mg/Kg		113	78 - 120
1,1,2,2-Tetrachloroethane	0.0200	0.0207		mg/Kg		103	70 - 133
1,1,2-Trichloro-1,2,2-trifluoroethane	0.0200	0.0237		mg/Kg		119	75 - 121
1,1,2-Trichloroethane	0.0200	0.0213		mg/Kg		106	80 - 120
1,1-Dichloroethane	0.0200	0.0221		mg/Kg		110	72 - 120
1,1-Dichloroethene	0.0200	0.0219		mg/Kg		110	76 - 120
1,2,3-Trichlorobenzene	0.0200	0.0228		mg/Kg		114	77 - 137
1,2,4-Trichlorobenzene	0.0200	0.0228		mg/Kg		114	77 - 136
1,2,4-Trimethylbenzene	0.0200	0.0208		mg/Kg		104	75 - 120

Method: 8260D - Volatile Organic Compounds by GC/MS (Continued)

Lab Sample ID: LCS 460-1064680/3
Matrix: Solid
Analysis Batch: 1064680

Client Sample ID: Lab Control Sample
Prep Type: Total/NA

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
1,2-Dibromo-3-Chloropropane	0.0200	0.0209		mg/Kg		104	80 - 124
1,2-Dichlorobenzene	0.0200	0.0209		mg/Kg		105	80 - 120
1,2-Dichloroethane	0.0200	0.0233		mg/Kg		116	70 - 123
1,2-Dichloropropane	0.0200	0.0208		mg/Kg		104	73 - 124
1,3,5-Trimethylbenzene	0.0200	0.0208		mg/Kg		104	70 - 120
1,3-Dichlorobenzene	0.0200	0.0209		mg/Kg		105	80 - 120
1,4-Dichlorobenzene	0.0200	0.0209		mg/Kg		104	80 - 120
2-Butanone (MEK)	0.100	0.117		mg/Kg		117	64 - 128
2-Hexanone	0.100	0.116		mg/Kg		116	75 - 120
4-Methyl-2-pentanone (MIBK)	0.100	0.114		mg/Kg		114	80 - 120
Acetone	0.100	0.107		mg/Kg		107	58 - 122
Benzene	0.0200	0.0205		mg/Kg		103	75 - 120
Bromoform	0.0200	0.0196		mg/Kg		98	61 - 125
Bromomethane	0.0200	0.0130		mg/Kg		65	37 - 150
Carbon disulfide	0.0200	0.0221		mg/Kg		110	57 - 133
Carbon tetrachloride	0.0200	0.0224		mg/Kg		112	66 - 127
Chlorobenzene	0.0200	0.0215		mg/Kg		107	80 - 120
Chlorobromomethane	0.0200	0.0223		mg/Kg		111	76 - 127
Chlorodibromomethane	0.0200	0.0204		mg/Kg		102	72 - 120
Chloroethane	0.0200	0.0171		mg/Kg		85	60 - 123
Chloroform	0.0200	0.0225		mg/Kg		113	79 - 126
Chloromethane	0.0200	0.0149		mg/Kg		75	46 - 122
cis-1,2-Dichloroethene	0.0200	0.0216		mg/Kg		108	80 - 123
cis-1,3-Dichloropropene	0.0200	0.0209		mg/Kg		104	75 - 120
Cyclohexane	0.0200	0.0229		mg/Kg		114	65 - 132
Dichlorobromomethane	0.0200	0.0219		mg/Kg		110	77 - 124
Dichlorodifluoromethane	0.0200	0.0162		mg/Kg		81	45 - 129
Ethylbenzene	0.0200	0.0209		mg/Kg		104	80 - 120
Ethylene Dibromide	0.0200	0.0216		mg/Kg		108	79 - 120
Isopropylbenzene	0.0200	0.0210		mg/Kg		105	74 - 120
Methyl acetate	0.0400	0.0422		mg/Kg		106	57 - 120
Methyl tert-butyl ether	0.0200	0.0216		mg/Kg		108	74 - 125
Methylcyclohexane	0.0200	0.0228		mg/Kg		114	66 - 125
Methylene Chloride	0.0200	0.0216		mg/Kg		108	78 - 120
m-Xylene & p-Xylene	0.0200	0.0209		mg/Kg		105	80 - 120
n-Butylbenzene	0.0200	0.0215		mg/Kg		107	72 - 120
N-Propylbenzene	0.0200	0.0217		mg/Kg		108	68 - 120
o-Xylene	0.0200	0.0202		mg/Kg		101	80 - 120
sec-Butylbenzene	0.0200	0.0211		mg/Kg		105	78 - 120
Styrene	0.0200	0.0228		mg/Kg		114	80 - 120
tert-Butylbenzene	0.0200	0.0220		mg/Kg		110	80 - 120
Tetrachloroethene	0.0200	0.0213		mg/Kg		106	73 - 120
Toluene	0.0200	0.0204		mg/Kg		102	80 - 120
trans-1,2-Dichloroethene	0.0200	0.0215		mg/Kg		108	78 - 120
trans-1,3-Dichloropropene	0.0200	0.0203		mg/Kg		101	77 - 120
Trichloroethene	0.0200	0.0222		mg/Kg		111	80 - 120
Trichlorofluoromethane	0.0200	0.0177		mg/Kg		89	61 - 130
Vinyl chloride	0.0200	0.0181		mg/Kg		90	54 - 122
Xylenes, Total	0.0400	0.0411		mg/Kg		103	80 - 120

Method: 8260D - Volatile Organic Compounds by GC/MS (Continued)

Surrogate	LCS %Recovery	LCS Qualifier	Limits
1,2-Dichloroethane-d4 (Surr)	116		65 - 138
4-Bromofluorobenzene	103		71 - 128
Dibromofluoromethane (Surr)	117		50 - 150
Toluene-d8 (Surr)	109		71 - 126

Lab Sample ID: LCSD 460-1064680/4
Matrix: Solid
Analysis Batch: 1064680

Client Sample ID: Lab Control Sample Dup
Prep Type: Total/NA

Analyte			Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
1,1,1-Trichloroethane			0.0200	0.0239		mg/Kg		119	78 - 120	6	30
1,1,2,2-Tetrachloroethane			0.0200	0.0224		mg/Kg		112	70 - 133	8	30
1,1,2-Trichloro-1,2,2-trifluoroethane			0.0200	0.0252	*	mg/Kg		126	75 - 121	6	30
1,1,2-Trichloroethane			0.0200	0.0217		mg/Kg		108	80 - 120	2	30
1,1-Dichloroethane			0.0200	0.0236		mg/Kg		118	72 - 120	7	30
1,1-Dichloroethene			0.0200	0.0229		mg/Kg		114	76 - 120	4	30
1,2,3-Trichlorobenzene			0.0200	0.0241		mg/Kg		120	77 - 137	5	30
1,2,4-Trichlorobenzene			0.0200	0.0246		mg/Kg		123	77 - 136	8	30
1,2,4-Trimethylbenzene			0.0200	0.0223		mg/Kg		111	75 - 120	7	30
1,2-Dibromo-3-Chloropropane			0.0200	0.0227		mg/Kg		113	80 - 124	8	30
1,2-Dichlorobenzene			0.0200	0.0222		mg/Kg		111	80 - 120	6	30
1,2-Dichloroethane			0.0200	0.0250	*	mg/Kg		125	70 - 123	7	30
1,2-Dichloropropane			0.0200	0.0223		mg/Kg		112	73 - 124	7	30
1,3,5-Trimethylbenzene			0.0200	0.0225		mg/Kg		112	70 - 120	8	30
1,3-Dichlorobenzene			0.0200	0.0221		mg/Kg		110	80 - 120	5	30
1,4-Dichlorobenzene			0.0200	0.0223		mg/Kg		111	80 - 120	7	30
2-Butanone (MEK)			0.100	0.123		mg/Kg		123	64 - 128	5	30
2-Hexanone			0.100	0.124	*	mg/Kg		124	75 - 120	7	30
4-Methyl-2-pentanone (MIBK)			0.100	0.121	*	mg/Kg		121	80 - 120	6	30
Acetone			0.100	0.119		mg/Kg		119	58 - 122	10	30
Benzene			0.0200	0.0216		mg/Kg		108	75 - 120	5	30
Bromoform			0.0200	0.0214		mg/Kg		107	61 - 125	9	30
Bromomethane			0.0200	0.0134		mg/Kg		67	37 - 150	3	30
Carbon disulfide			0.0200	0.0230		mg/Kg		115	57 - 133	4	30
Carbon tetrachloride			0.0200	0.0239		mg/Kg		119	66 - 127	7	30
Chlorobenzene			0.0200	0.0227		mg/Kg		113	80 - 120	6	30
Chlorobromomethane			0.0200	0.0238		mg/Kg		119	76 - 127	7	30
Chlorodibromomethane			0.0200	0.0215		mg/Kg		108	72 - 120	6	30
Chloroethane			0.0200	0.0175		mg/Kg		87	60 - 123	2	30
Chloroform			0.0200	0.0240		mg/Kg		120	79 - 126	7	30
Chloromethane			0.0200	0.0158		mg/Kg		79	46 - 122	6	30
cis-1,2-Dichloroethene			0.0200	0.0224		mg/Kg		112	80 - 123	4	30
cis-1,3-Dichloropropene			0.0200	0.0219		mg/Kg		109	75 - 120	5	30
Cyclohexane			0.0200	0.0240		mg/Kg		120	65 - 132	5	30
Dichlorobromomethane			0.0200	0.0229		mg/Kg		114	77 - 124	4	30
Dichlorodifluoromethane			0.0200	0.0169		mg/Kg		85	45 - 129	5	30
Ethylbenzene			0.0200	0.0213		mg/Kg		107	80 - 120	2	30
Ethylene Dibromide			0.0200	0.0231		mg/Kg		116	79 - 120	7	30
Isopropylbenzene			0.0200	0.0222		mg/Kg		111	74 - 120	6	30
Methyl acetate			0.0400	0.0448		mg/Kg		112	57 - 120	6	30
Methyl tert-butyl ether			0.0200	0.0228		mg/Kg		114	74 - 125	5	30

Method: 8260D - Volatile Organic Compounds by GC/MS (Continued)

Lab Sample ID: LCSD 460-1064680/4
Matrix: Solid
Analysis Batch: 1064680

Client Sample ID: Lab Control Sample Dup
Prep Type: Total/NA

Analyte			Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Methylcyclohexane			0.0200	0.0248		mg/Kg		124	66 - 125	8	30
Methylene Chloride			0.0200	0.0228		mg/Kg		114	78 - 120	5	30
m-Xylene & p-Xylene			0.0200	0.0219		mg/Kg		110	80 - 120	5	30
n-Butylbenzene			0.0200	0.0233		mg/Kg		117	72 - 120	8	30
N-Propylbenzene			0.0200	0.0231		mg/Kg		115	68 - 120	6	30
o-Xylene			0.0200	0.0223		mg/Kg		111	80 - 120	10	30
sec-Butylbenzene			0.0200	0.0225		mg/Kg		113	78 - 120	7	30
Styrene			0.0200	0.0239		mg/Kg		120	80 - 120	5	30
tert-Butylbenzene			0.0200	0.0233		mg/Kg		117	80 - 120	6	30
Tetrachloroethene			0.0200	0.0226		mg/Kg		113	73 - 120	6	30
Toluene			0.0200	0.0217		mg/Kg		108	80 - 120	6	30
trans-1,2-Dichloroethene			0.0200	0.0228		mg/Kg		114	78 - 120	6	30
trans-1,3-Dichloropropene			0.0200	0.0219		mg/Kg		109	77 - 120	8	30
Trichloroethene			0.0200	0.0234		mg/Kg		117	80 - 120	5	30
Trichlorofluoromethane			0.0200	0.0189		mg/Kg		94	61 - 130	6	30
Vinyl chloride			0.0200	0.0190		mg/Kg		95	54 - 122	5	30
Xylenes, Total			0.0400	0.0442		mg/Kg		111	80 - 120	7	30

Surrogate	*LCSD %Recovery*	*LCSD Qualifier*	*Limits*
1,2-Dichloroethane-d4 (Surr)	*120*		*65 - 138*
4-Bromofluorobenzene	*105*		*71 - 128*
Dibromofluoromethane (Surr)	*117*		*50 - 150*
Toluene-d8 (Surr)	*111*		*71 - 126*

Lab Sample ID: MB 460-1064681/6
Matrix: Solid
Analysis Batch: 1064681

Client Sample ID: Method Blank
Prep Type: Total/NA

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1-Trichloroethane	0.0010	U	0.0010	0.00023	mg/Kg			09/30/25 06:37	1
1,1,2,2-Tetrachloroethane	0.0010	U	0.0010	0.00052	mg/Kg			09/30/25 06:37	1
1,1,2-Trichloro-1,2,2-trifluoroethane	0.0010	U	0.0010	0.00030	mg/Kg			09/30/25 06:37	1
1,1,2-Trichloroethane	0.0010	U	0.0010	0.00060	mg/Kg			09/30/25 06:37	1
1,1-Dichloroethane	0.0010	U	0.0010	0.00060	mg/Kg			09/30/25 06:37	1
1,1-Dichloroethene	0.0010	U	0.0010	0.00023	mg/Kg			09/30/25 06:37	1
1,2,3-Trichlorobenzene	0.0010	U	0.0010	0.00074	mg/Kg			09/30/25 06:37	1
1,2,4-Trichlorobenzene	0.0010	U	0.0010	0.00036	mg/Kg			09/30/25 06:37	1
1,2,4-Trimethylbenzene	0.0010	U	0.0010	0.00025	mg/Kg			09/30/25 06:37	1
1,2-Dibromo-3-Chloropropane	0.0010	U	0.0010	0.00046	mg/Kg			09/30/25 06:37	1
1,2-Dichlorobenzene	0.0010	U	0.0010	0.00036	mg/Kg			09/30/25 06:37	1
1,2-Dichloroethane	0.0010	U	0.0010	0.00030	mg/Kg			09/30/25 06:37	1
1,2-Dichloropropane	0.0010	U	0.0010	0.00042	mg/Kg			09/30/25 06:37	1
1,3,5-Trimethylbenzene	0.0010	U	0.0010	0.00031	mg/Kg			09/30/25 06:37	1
1,3-Dichlorobenzene	0.0010	U	0.0010	0.00037	mg/Kg			09/30/25 06:37	1
1,4-Dichlorobenzene	0.0010	U	0.0010	0.00052	mg/Kg			09/30/25 06:37	1
2-Butanone (MEK)	0.0050	U	0.0050	0.00037	mg/Kg			09/30/25 06:37	1
2-Hexanone	0.0050	U	0.0050	0.0017	mg/Kg			09/30/25 06:37	1
4-Methyl-2-pentanone (MIBK)	0.0050	U	0.0050	0.0016	mg/Kg			09/30/25 06:37	1

Method: 8260D - Volatile Organic Compounds by GC/MS (Continued)

Lab Sample ID: MB 460-1064681/6
Matrix: Solid
Analysis Batch: 1064681

Client Sample ID: Method Blank
Prep Type: Total/NA

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Acetone	0.0060	U	0.0060	0.0057	mg/Kg			09/30/25 06:37	1
Benzene	0.0010	U	0.0010	0.00057	mg/Kg			09/30/25 06:37	1
Bromoform	0.0010	U	0.0010	0.00043	mg/Kg			09/30/25 06:37	1
Bromomethane	0.0020	U	0.0020	0.0010	mg/Kg			09/30/25 06:37	1
Carbon disulfide	0.0010	U	0.0010	0.00027	mg/Kg			09/30/25 06:37	1
Carbon tetrachloride	0.0010	U	0.0010	0.00039	mg/Kg			09/30/25 06:37	1
Chlorobenzene	0.0010	U	0.0010	0.00051	mg/Kg			09/30/25 06:37	1
Chlorobromomethane	0.0010	U	0.0010	0.00060	mg/Kg			09/30/25 06:37	1
Chlorodibromomethane	0.0010	U	0.0010	0.00054	mg/Kg			09/30/25 06:37	1
Chloroethane	0.0010	U	0.0010	0.00052	mg/Kg			09/30/25 06:37	1
Chloroform	0.0010	U	0.0010	0.00097	mg/Kg			09/30/25 06:37	1
Chloromethane	0.0010	U	0.0010	0.00044	mg/Kg			09/30/25 06:37	1
cis-1,2-Dichloroethene	0.0010	U	0.0010	0.00036	mg/Kg			09/30/25 06:37	1
cis-1,3-Dichloropropene	0.0010	U	0.0010	0.00027	mg/Kg			09/30/25 06:37	1
Cyclohexane	0.0010	U	0.0010	0.00022	mg/Kg			09/30/25 06:37	1
Dichlorobromomethane	0.0010	U	0.0010	0.00026	mg/Kg			09/30/25 06:37	1
Dichlorodifluoromethane	0.0010	U	0.0010	0.00034	mg/Kg			09/30/25 06:37	1
Ethylbenzene	0.0010	U	0.0010	0.00047	mg/Kg			09/30/25 06:37	1
Ethylene Dibromide	0.0010	U	0.0010	0.00050	mg/Kg			09/30/25 06:37	1
Isopropylbenzene	0.0010	U	0.0010	0.00029	mg/Kg			09/30/25 06:37	1
Methyl acetate	0.0050	U	0.0050	0.0043	mg/Kg			09/30/25 06:37	1
Methyl tert-butyl ether	0.0010	U	0.0010	0.00051	mg/Kg			09/30/25 06:37	1
Methylcyclohexane	0.0010	U	0.0010	0.00050	mg/Kg			09/30/25 06:37	1
Methylene Chloride	0.0020	U	0.0020	0.0011	mg/Kg			09/30/25 06:37	1
m-Xylene & p-Xylene	0.0010	U	0.0010	0.00042	mg/Kg			09/30/25 06:37	1
n-Butylbenzene	0.0010	U	0.0010	0.00029	mg/Kg			09/30/25 06:37	1
N-Propylbenzene	0.0010	U	0.0010	0.00045	mg/Kg			09/30/25 06:37	1
o-Xylene	0.0010	U	0.0010	0.00046	mg/Kg			09/30/25 06:37	1
sec-Butylbenzene	0.0010	U	0.0010	0.00029	mg/Kg			09/30/25 06:37	1
Styrene	0.0010	U	0.0010	0.00028	mg/Kg			09/30/25 06:37	1
tert-Butylbenzene	0.0010	U	0.0010	0.00028	mg/Kg			09/30/25 06:37	1
Tetrachloroethene	0.0010	U	0.0010	0.00031	mg/Kg			09/30/25 06:37	1
Toluene	0.0010	U	0.0010	0.00023	mg/Kg			09/30/25 06:37	1
trans-1,2-Dichloroethene	0.0010	U	0.0010	0.00025	mg/Kg			09/30/25 06:37	1
trans-1,3-Dichloropropene	0.0010	U	0.0010	0.00027	mg/Kg			09/30/25 06:37	1
Trichloroethene	0.0010	U	0.0010	0.00032	mg/Kg			09/30/25 06:37	1
Trichlorofluoromethane	0.0010	U	0.0010	0.00041	mg/Kg			09/30/25 06:37	1
Vinyl chloride	0.0010	U	0.0010	0.00055	mg/Kg			09/30/25 06:37	1
Xylenes, Total	0.0020	U	0.0020	0.00017	mg/Kg			09/30/25 06:37	1

Surrogate	*MB %Recovery*	*MB Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,2-Dichloroethane-d4 (Surr)	*104*		*65 - 138*		*09/30/25 06:37*	*1*
4-Bromofluorobenzene	*96*		*71 - 128*		*09/30/25 06:37*	*1*
Dibromofluoromethane (Surr)	*98*		*50 - 150*		*09/30/25 06:37*	*1*
Toluene-d8 (Surr)	*105*		*71 - 126*		*09/30/25 06:37*	*1*

Method: 8260D - Volatile Organic Compounds by GC/MS (Continued)

Lab Sample ID: LCS 460-1064681/2
Matrix: Solid
Analysis Batch: 1064681

Client Sample ID: Lab Control Sample
Prep Type: Total/NA

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
1,1,1-Trichloroethane	0.0200	0.0196		mg/Kg		98	78 - 120
1,1,2,2-Tetrachloroethane	0.0200	0.0229		mg/Kg		115	70 - 133
1,1,2-Trichloro-1,2,2-trifluoroethane	0.0200	0.0186		mg/Kg		93	75 - 121
1,1,2-Trichloroethane	0.0200	0.0213		mg/Kg		106	80 - 120
1,1-Dichloroethane	0.0200	0.0224		mg/Kg		112	72 - 120
1,1-Dichloroethene	0.0200	0.0183		mg/Kg		91	76 - 120
1,2,3-Trichlorobenzene	0.0200	0.0179		mg/Kg		90	77 - 137
1,2,4-Trichlorobenzene	0.0200	0.0179		mg/Kg		89	77 - 136
1,2,4-Trimethylbenzene	0.0200	0.0199		mg/Kg		100	75 - 120
1,2-Dibromo-3-Chloropropane	0.0200	0.0181		mg/Kg		91	80 - 124
1,2-Dichlorobenzene	0.0200	0.0195		mg/Kg		98	80 - 120
1,2-Dichloroethane	0.0200	0.0199		mg/Kg		100	70 - 123
1,2-Dichloropropane	0.0200	0.0232		mg/Kg		116	73 - 124
1,3,5-Trimethylbenzene	0.0200	0.0202		mg/Kg		101	70 - 120
1,3-Dichlorobenzene	0.0200	0.0188		mg/Kg		94	80 - 120
1,4-Dichlorobenzene	0.0200	0.0192		mg/Kg		96	80 - 120
2-Butanone (MEK)	0.100	0.0775		mg/Kg		78	64 - 128
2-Hexanone	0.100	0.0875		mg/Kg		87	75 - 120
4-Methyl-2-pentanone (MIBK)	0.100	0.0917		mg/Kg		92	80 - 120
Acetone	0.100	0.0855		mg/Kg		85	58 - 122
Benzene	0.0200	0.0222		mg/Kg		111	75 - 120
Bromoform	0.0200	0.0273	*	mg/Kg		137	61 - 125
Bromomethane	0.0200	0.0160		mg/Kg		80	37 - 150
Carbon disulfide	0.0200	0.0220		mg/Kg		110	57 - 133
Carbon tetrachloride	0.0200	0.0236		mg/Kg		118	66 - 127
Chlorobenzene	0.0200	0.0194		mg/Kg		97	80 - 120
Chlorobromomethane	0.0200	0.0175		mg/Kg		87	76 - 127
Chlorodibromomethane	0.0200	0.0255	*	mg/Kg		127	72 - 120
Chloroethane	0.0200	0.0191		mg/Kg		96	60 - 123
Chloroform	0.0200	0.0195		mg/Kg		98	79 - 126
Chloromethane	0.0200	0.0180		mg/Kg		90	46 - 122
cis-1,2-Dichloroethene	0.0200	0.0186		mg/Kg		93	80 - 123
cis-1,3-Dichloropropene	0.0200	0.0227		mg/Kg		113	75 - 120
Cyclohexane	0.0200	0.0213		mg/Kg		107	65 - 132
Dichlorobromomethane	0.0200	0.0215		mg/Kg		108	77 - 124
Dichlorodifluoromethane	0.0200	0.0162		mg/Kg		81	45 - 129
Ethylbenzene	0.0200	0.0198		mg/Kg		99	80 - 120
Ethylene Dibromide	0.0200	0.0195		mg/Kg		98	79 - 120
Isopropylbenzene	0.0200	0.0202		mg/Kg		101	74 - 120
Methyl acetate	0.0400	0.0500	*	mg/Kg		125	57 - 120
Methyl tert-butyl ether	0.0200	0.0187		mg/Kg		94	74 - 125
Methylcyclohexane	0.0200	0.0210		mg/Kg		105	66 - 125
Methylene Chloride	0.0200	0.0196		mg/Kg		98	78 - 120
m-Xylene & p-Xylene	0.0200	0.0198		mg/Kg		99	80 - 120
n-Butylbenzene	0.0200	0.0224		mg/Kg		112	72 - 120
N-Propylbenzene	0.0200	0.0200		mg/Kg		100	68 - 120
o-Xylene	0.0200	0.0196		mg/Kg		98	80 - 120
sec-Butylbenzene	0.0200	0.0207		mg/Kg		104	78 - 120

Method: 8260D - Volatile Organic Compounds by GC/MS (Continued)

Lab Sample ID: LCS 460-1064681/2
Matrix: Solid
Analysis Batch: 1064681

Client Sample ID: Lab Control Sample
Prep Type: Total/NA

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
Styrene	0.0200	0.0186		mg/Kg		93	80 - 120
tert-Butylbenzene	0.0200	0.0200		mg/Kg		100	80 - 120
Tetrachloroethene	0.0200	0.0190		mg/Kg		95	73 - 120
Toluene	0.0200	0.0201		mg/Kg		101	80 - 120
trans-1,2-Dichloroethene	0.0200	0.0192		mg/Kg		96	78 - 120
trans-1,3-Dichloropropene	0.0200	0.0215		mg/Kg		107	77 - 120
Trichloroethene	0.0200	0.0193		mg/Kg		96	80 - 120
Trichlorofluoromethane	0.0200	0.0153		mg/Kg		76	61 - 130
Vinyl chloride	0.0200	0.0185		mg/Kg		92	54 - 122
Xylenes, Total	0.0400	0.0394		mg/Kg		99	80 - 120

Surrogate	*LCS %Recovery*	*LCS Qualifier*	*Limits*
1,2-Dichloroethane-d4 (Surr)	*106*		*65 - 138*
4-Bromofluorobenzene	*98*		*71 - 128*
Dibromofluoromethane (Surr)	*98*		*50 - 150*
Toluene-d8 (Surr)	*107*		*71 - 126*

Lab Sample ID: LCSD 460-1064681/3
Matrix: Solid
Analysis Batch: 1064681

Client Sample ID: Lab Control Sample Dup
Prep Type: Total/NA

Analyte	Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
1,1,1-Trichloroethane	0.0200	0.0195		mg/Kg		97	78 - 120	1	30
1,1,2,2-Tetrachloroethane	0.0200	0.0231		mg/Kg		115	70 - 133	1	30
1,1,2-Trichloro-1,2,2-trifluoroethane	0.0200	0.0194		mg/Kg		97	75 - 121	4	30
1,1,2-Trichloroethane	0.0200	0.0217		mg/Kg		108	80 - 120	2	30
1,1-Dichloroethane	0.0200	0.0223		mg/Kg		111	72 - 120	1	30
1,1-Dichloroethene	0.0200	0.0191		mg/Kg		96	76 - 120	4	30
1,2,3-Trichlorobenzene	0.0200	0.0178		mg/Kg		89	77 - 137	1	30
1,2,4-Trichlorobenzene	0.0200	0.0177		mg/Kg		89	77 - 136	1	30
1,2,4-Trimethylbenzene	0.0200	0.0196		mg/Kg		98	75 - 120	2	30
1,2-Dibromo-3-Chloropropane	0.0200	0.0182		mg/Kg		91	80 - 124	1	30
1,2-Dichlorobenzene	0.0200	0.0192		mg/Kg		96	80 - 120	2	30
1,2-Dichloroethane	0.0200	0.0206		mg/Kg		103	70 - 123	3	30
1,2-Dichloropropane	0.0200	0.0237		mg/Kg		119	73 - 124	2	30
1,3,5-Trimethylbenzene	0.0200	0.0199		mg/Kg		99	70 - 120	2	30
1,3-Dichlorobenzene	0.0200	0.0187		mg/Kg		93	80 - 120	1	30
1,4-Dichlorobenzene	0.0200	0.0191		mg/Kg		95	80 - 120	0	30
2-Butanone (MEK)	0.100	0.0793		mg/Kg		79	64 - 128	2	30
2-Hexanone	0.100	0.0908		mg/Kg		91	75 - 120	4	30
4-Methyl-2-pentanone (MIBK)	0.100	0.0935		mg/Kg		93	80 - 120	2	30
Acetone	0.100	0.0898		mg/Kg		90	58 - 122	5	30
Benzene	0.0200	0.0220		mg/Kg		110	75 - 120	1	30
Bromoform	0.0200	0.0282	*	mg/Kg		141	61 - 125	3	30
Bromomethane	0.0200	0.0149		mg/Kg		75	37 - 150	7	30
Carbon disulfide	0.0200	0.0223		mg/Kg		112	57 - 133	1	30
Carbon tetrachloride	0.0200	0.0237		mg/Kg		118	66 - 127	0	30
Chlorobenzene	0.0200	0.0196		mg/Kg		98	80 - 120	1	30

Method: 8260D - Volatile Organic Compounds by GC/MS (Continued)

Lab Sample ID: LCSD 460-1064681/3
Matrix: Solid
Analysis Batch: 1064681

Client Sample ID: Lab Control Sample Dup
Prep Type: Total/NA

Analyte	Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Chlorobromomethane	0.0200	0.0181		mg/Kg		91	76 - 127	4	30
Chlorodibromomethane	0.0200	0.0260	*	mg/Kg		130	72 - 120	2	30
Chloroethane	0.0200	0.0181		mg/Kg		91	60 - 123	5	30
Chloroform	0.0200	0.0197		mg/Kg		98	79 - 126	1	30
Chloromethane	0.0200	0.0172		mg/Kg		86	46 - 122	4	30
cis-1,2-Dichloroethene	0.0200	0.0187		mg/Kg		94	80 - 123	1	30
cis-1,3-Dichloropropene	0.0200	0.0230		mg/Kg		115	75 - 120	1	30
Cyclohexane	0.0200	0.0211		mg/Kg		106	65 - 132	1	30
Dichlorobromomethane	0.0200	0.0219		mg/Kg		109	77 - 124	2	30
Dichlorodifluoromethane	0.0200	0.0151		mg/Kg		76	45 - 129	7	30
Ethylbenzene	0.0200	0.0198		mg/Kg		99	80 - 120	0	30
Ethylene Dibromide	0.0200	0.0204		mg/Kg		102	79 - 120	4	30
Isopropylbenzene	0.0200	0.0196		mg/Kg		98	74 - 120	3	30
Methyl acetate	0.0400	0.0547	*	mg/Kg		137	57 - 120	9	30
Methyl tert-butyl ether	0.0200	0.0194		mg/Kg		97	74 - 125	4	30
Methylcyclohexane	0.0200	0.0208		mg/Kg		104	66 - 125	1	30
Methylene Chloride	0.0200	0.0196		mg/Kg		98	78 - 120	0	30
m-Xylene & p-Xylene	0.0200	0.0197		mg/Kg		99	80 - 120	0	30
n-Butylbenzene	0.0200	0.0217		mg/Kg		108	72 - 120	3	30
N-Propylbenzene	0.0200	0.0192		mg/Kg		96	68 - 120	4	30
o-Xylene	0.0200	0.0194		mg/Kg		97	80 - 120	1	30
sec-Butylbenzene	0.0200	0.0202		mg/Kg		101	78 - 120	3	30
Styrene	0.0200	0.0185		mg/Kg		92	80 - 120	1	30
tert-Butylbenzene	0.0200	0.0197		mg/Kg		98	80 - 120	2	30
Tetrachloroethene	0.0200	0.0188		mg/Kg		94	73 - 120	1	30
Toluene	0.0200	0.0199		mg/Kg		100	80 - 120	1	30
trans-1,2-Dichloroethene	0.0200	0.0188		mg/Kg		94	78 - 120	2	30
trans-1,3-Dichloropropene	0.0200	0.0218		mg/Kg		109	77 - 120	2	30
Trichloroethene	0.0200	0.0192		mg/Kg		96	80 - 120	0	30
Trichlorofluoromethane	0.0200	0.0148		mg/Kg		74	61 - 130	3	30
Vinyl chloride	0.0200	0.0176		mg/Kg		88	54 - 122	5	30
Xylenes, Total	0.0400	0.0392		mg/Kg		98	80 - 120	1	30

Surrogate	*LCSD %Recovery*	*LCSD Qualifier*	*Limits*
1,2-Dichloroethane-d4 (Surr)	*105*		*65 - 138*
4-Bromofluorobenzene	*94*		*71 - 128*
Dibromofluoromethane (Surr)	*96*		*50 - 150*
Toluene-d8 (Surr)	*105*		*71 - 126*

Lab Sample ID: MB 460-1064825/8
Matrix: Solid
Analysis Batch: 1064825

Client Sample ID: Method Blank
Prep Type: Total/NA

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1-Trichloroethane	0.0010	U	0.0010	0.00023	mg/Kg			09/30/25 20:28	1
1,1,2,2-Tetrachloroethane	0.0010	U	0.0010	0.00052	mg/Kg			09/30/25 20:28	1
1,1,2-Trichloro-1,2,2-trifluoroethane	0.0010	U	0.0010	0.00030	mg/Kg			09/30/25 20:28	1
1,1,2-Trichloroethane	0.0010	U	0.0010	0.00060	mg/Kg			09/30/25 20:28	1

Method: 8260D - Volatile Organic Compounds by GC/MS (Continued)

Lab Sample ID: MB 460-1064825/8
Matrix: Solid
Analysis Batch: 1064825

Client Sample ID: Method Blank
Prep Type: Total/NA

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1-Dichloroethane	0.0010	U	0.0010	0.00060	mg/Kg			09/30/25 20:28	1
1,1-Dichloroethene	0.0010	U	0.0010	0.00023	mg/Kg			09/30/25 20:28	1
1,2,3-Trichlorobenzene	0.0010	U	0.0010	0.00074	mg/Kg			09/30/25 20:28	1
1,2,4-Trichlorobenzene	0.0010	U	0.0010	0.00036	mg/Kg			09/30/25 20:28	1
1,2,4-Trimethylbenzene	0.0010	U	0.0010	0.00025	mg/Kg			09/30/25 20:28	1
1,2-Dibromo-3-Chloropropane	0.0010	U	0.0010	0.00046	mg/Kg			09/30/25 20:28	1
1,2-Dichlorobenzene	0.0010	U	0.0010	0.00036	mg/Kg			09/30/25 20:28	1
1,2-Dichloroethane	0.0010	U	0.0010	0.00030	mg/Kg			09/30/25 20:28	1
1,2-Dichloropropane	0.0010	U	0.0010	0.00042	mg/Kg			09/30/25 20:28	1
1,3,5-Trimethylbenzene	0.0010	U	0.0010	0.00031	mg/Kg			09/30/25 20:28	1
1,3-Dichlorobenzene	0.0010	U	0.0010	0.00037	mg/Kg			09/30/25 20:28	1
1,4-Dichlorobenzene	0.0010	U	0.0010	0.00052	mg/Kg			09/30/25 20:28	1
2-Butanone (MEK)	0.0050	U	0.0050	0.00037	mg/Kg			09/30/25 20:28	1
2-Hexanone	0.0050	U	0.0050	0.0017	mg/Kg			09/30/25 20:28	1
4-Methyl-2-pentanone (MIBK)	0.0050	U	0.0050	0.0016	mg/Kg			09/30/25 20:28	1
Acetone	0.0060	U	0.0060	0.0057	mg/Kg			09/30/25 20:28	1
Benzene	0.0010	U	0.0010	0.00057	mg/Kg			09/30/25 20:28	1
Bromoform	0.0010	U	0.0010	0.00043	mg/Kg			09/30/25 20:28	1
Bromomethane	0.0020	U	0.0020	0.0010	mg/Kg			09/30/25 20:28	1
Carbon disulfide	0.0010	U	0.0010	0.00027	mg/Kg			09/30/25 20:28	1
Carbon tetrachloride	0.0010	U	0.0010	0.00039	mg/Kg			09/30/25 20:28	1
Chlorobenzene	0.0010	U	0.0010	0.00051	mg/Kg			09/30/25 20:28	1
Chlorobromomethane	0.0010	U	0.0010	0.00060	mg/Kg			09/30/25 20:28	1
Chlorodibromomethane	0.0010	U	0.0010	0.00054	mg/Kg			09/30/25 20:28	1
Chloroethane	0.0010	U	0.0010	0.00052	mg/Kg			09/30/25 20:28	1
Chloroform	0.0010	U	0.0010	0.00097	mg/Kg			09/30/25 20:28	1
Chloromethane	0.0010	U	0.0010	0.00044	mg/Kg			09/30/25 20:28	1
cis-1,2-Dichloroethene	0.0010	U	0.0010	0.00036	mg/Kg			09/30/25 20:28	1
cis-1,3-Dichloropropene	0.0010	U	0.0010	0.00027	mg/Kg			09/30/25 20:28	1
Cyclohexane	0.0010	U	0.0010	0.00022	mg/Kg			09/30/25 20:28	1
Dichlorobromomethane	0.0010	U	0.0010	0.00026	mg/Kg			09/30/25 20:28	1
Dichlorodifluoromethane	0.0010	U	0.0010	0.00034	mg/Kg			09/30/25 20:28	1
Ethylbenzene	0.0010	U	0.0010	0.00047	mg/Kg			09/30/25 20:28	1
Ethylene Dibromide	0.0010	U	0.0010	0.00050	mg/Kg			09/30/25 20:28	1
Isopropylbenzene	0.0010	U	0.0010	0.00029	mg/Kg			09/30/25 20:28	1
Methyl acetate	0.0050	U	0.0050	0.0043	mg/Kg			09/30/25 20:28	1
Methyl tert-butyl ether	0.0010	U	0.0010	0.00051	mg/Kg			09/30/25 20:28	1
Methylcyclohexane	0.0010	U	0.0010	0.00050	mg/Kg			09/30/25 20:28	1
Methylene Chloride	0.0020	U	0.0020	0.0011	mg/Kg			09/30/25 20:28	1
m-Xylene & p-Xylene	0.0010	U	0.0010	0.00042	mg/Kg			09/30/25 20:28	1
n-Butylbenzene	0.0010	U	0.0010	0.00029	mg/Kg			09/30/25 20:28	1
N-Propylbenzene	0.0010	U	0.0010	0.00045	mg/Kg			09/30/25 20:28	1
o-Xylene	0.0010	U	0.0010	0.00046	mg/Kg			09/30/25 20:28	1
sec-Butylbenzene	0.0010	U	0.0010	0.00029	mg/Kg			09/30/25 20:28	1
Styrene	0.000372	J	0.0010	0.00028	mg/Kg			09/30/25 20:28	1
tert-Butylbenzene	0.0010	U	0.0010	0.00028	mg/Kg			09/30/25 20:28	1
Tetrachloroethene	0.0010	U	0.0010	0.00031	mg/Kg			09/30/25 20:28	1
Toluene	0.0010	U	0.0010	0.00023	mg/Kg			09/30/25 20:28	1
trans-1,2-Dichloroethene	0.0010	U	0.0010	0.00025	mg/Kg			09/30/25 20:28	1

Method: 8260D - Volatile Organic Compounds by GC/MS (Continued)

Lab Sample ID: MB 460-1064825/8
Matrix: Solid
Analysis Batch: 1064825

Client Sample ID: Method Blank
Prep Type: Total/NA

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
trans-1,3-Dichloropropene	0.0010	U	0.0010	0.00027	mg/Kg			09/30/25 20:28	1
Trichloroethene	0.0010	U	0.0010	0.00032	mg/Kg			09/30/25 20:28	1
Trichlorofluoromethane	0.0010	U	0.0010	0.00041	mg/Kg			09/30/25 20:28	1
Vinyl chloride	0.0010	U	0.0010	0.00055	mg/Kg			09/30/25 20:28	1
Xylenes, Total	0.0020	U	0.0020	0.00017	mg/Kg			09/30/25 20:28	1

Surrogate	*MB %Recovery*	*MB Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,2-Dichloroethane-d4 (Surr)	*119*		*65 - 138*		*09/30/25 20:28*	*1*
4-Bromofluorobenzene	*109*		*71 - 128*		*09/30/25 20:28*	*1*
Dibromofluoromethane (Surr)	*118*		*50 - 150*		*09/30/25 20:28*	*1*
Toluene-d8 (Surr)	*113*		*71 - 126*		*09/30/25 20:28*	*1*

Lab Sample ID: LCS 460-1064825/3
Matrix: Solid
Analysis Batch: 1064825

Client Sample ID: Lab Control Sample
Prep Type: Total/NA

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
1,1,1-Trichloroethane	0.0200	0.0230		mg/Kg		115	78 - 120
1,1,2,2-Tetrachloroethane	0.0200	0.0211		mg/Kg		105	70 - 133
1,1,2-Trichloro-1,2,2-trifluoroethane	0.0200	0.0229		mg/Kg		115	75 - 121
1,1,2-Trichloroethane	0.0200	0.0211		mg/Kg		105	80 - 120
1,1-Dichloroethane	0.0200	0.0219		mg/Kg		109	72 - 120
1,1-Dichloroethene	0.0200	0.0219		mg/Kg		110	76 - 120
1,2,3-Trichlorobenzene	0.0200	0.0202		mg/Kg		101	77 - 137
1,2,4-Trichlorobenzene	0.0200	0.0188		mg/Kg		94	77 - 136
1,2,4-Trimethylbenzene	0.0200	0.0204		mg/Kg		102	75 - 120
1,2-Dibromo-3-Chloropropane	0.0200	0.0215		mg/Kg		108	80 - 124
1,2-Dichlorobenzene	0.0200	0.0199		mg/Kg		100	80 - 120
1,2-Dichloroethane	0.0200	0.0234		mg/Kg		117	70 - 123
1,2-Dichloropropane	0.0200	0.0212		mg/Kg		106	73 - 124
1,3,5-Trimethylbenzene	0.0200	0.0205		mg/Kg		103	70 - 120
1,3-Dichlorobenzene	0.0200	0.0197		mg/Kg		98	80 - 120
1,4-Dichlorobenzene	0.0200	0.0194		mg/Kg		97	80 - 120
2-Butanone (MEK)	0.100	0.111		mg/Kg		111	64 - 128
2-Hexanone	0.100	0.114		mg/Kg		114	75 - 120
4-Methyl-2-pentanone (MIBK)	0.100	0.112		mg/Kg		112	80 - 120
Acetone	0.100	0.103		mg/Kg		103	58 - 122
Benzene	0.0200	0.0209		mg/Kg		104	75 - 120
Bromoform	0.0200	0.0204		mg/Kg		102	61 - 125
Bromomethane	0.0200	0.0155		mg/Kg		78	37 - 150
Carbon disulfide	0.0200	0.0217		mg/Kg		108	57 - 133
Carbon tetrachloride	0.0200	0.0225		mg/Kg		112	66 - 127
Chlorobenzene	0.0200	0.0209		mg/Kg		105	80 - 120
Chlorobromomethane	0.0200	0.0230		mg/Kg		115	76 - 127
Chlorodibromomethane	0.0200	0.0201		mg/Kg		100	72 - 120
Chloroethane	0.0200	0.0212		mg/Kg		106	60 - 123
Chloroform	0.0200	0.0230		mg/Kg		115	79 - 126
Chloromethane	0.0200	0.0184		mg/Kg		92	46 - 122

Method: 8260D - Volatile Organic Compounds by GC/MS (Continued)

Lab Sample ID: LCS 460-1064825/3
Matrix: Solid
Analysis Batch: 1064825

Client Sample ID: Lab Control Sample
Prep Type: Total/NA

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
cis-1,2-Dichloroethene	0.0200	0.0217		mg/Kg		108	80 - 123
cis-1,3-Dichloropropene	0.0200	0.0200		mg/Kg		100	75 - 120
Cyclohexane	0.0200	0.0228		mg/Kg		114	65 - 132
Dichlorobromomethane	0.0200	0.0217		mg/Kg		109	77 - 124
Dichlorodifluoromethane	0.0200	0.0203		mg/Kg		101	45 - 129
Ethylbenzene	0.0200	0.0207		mg/Kg		103	80 - 120
Ethylene Dibromide	0.0200	0.0218		mg/Kg		109	79 - 120
Isopropylbenzene	0.0200	0.0209		mg/Kg		105	74 - 120
Methyl acetate	0.0400	0.0443		mg/Kg		111	57 - 120
Methyl tert-butyl ether	0.0200	0.0217		mg/Kg		109	74 - 125
Methylcyclohexane	0.0200	0.0227		mg/Kg		113	66 - 125
Methylene Chloride	0.0200	0.0222		mg/Kg		111	78 - 120
m-Xylene & p-Xylene	0.0200	0.0210		mg/Kg		105	80 - 120
n-Butylbenzene	0.0200	0.0201		mg/Kg		101	72 - 120
N-Propylbenzene	0.0200	0.0205		mg/Kg		103	68 - 120
o-Xylene	0.0200	0.0212		mg/Kg		106	80 - 120
sec-Butylbenzene	0.0200	0.0208		mg/Kg		104	78 - 120
Styrene	0.0200	0.0219		mg/Kg		110	80 - 120
tert-Butylbenzene	0.0200	0.0216		mg/Kg		108	80 - 120
Tetrachloroethene	0.0200	0.0211		mg/Kg		105	73 - 120
Toluene	0.0200	0.0208		mg/Kg		104	80 - 120
trans-1,2-Dichloroethene	0.0200	0.0222		mg/Kg		111	78 - 120
trans-1,3-Dichloropropene	0.0200	0.0198		mg/Kg		99	77 - 120
Trichloroethene	0.0200	0.0223		mg/Kg		111	80 - 120
Trichlorofluoromethane	0.0200	0.0218		mg/Kg		109	61 - 130
Vinyl chloride	0.0200	0.0223		mg/Kg		111	54 - 122
Xylenes, Total	0.0400	0.0422		mg/Kg		105	80 - 120

Surrogate	*LCS %Recovery*	*LCS Qualifier*	*Limits*
1,2-Dichloroethane-d4 (Surr)	*115*		*65 - 138*
4-Bromofluorobenzene	*101*		*71 - 128*
Dibromofluoromethane (Surr)	*113*		*50 - 150*
Toluene-d8 (Surr)	*108*		*71 - 126*

Lab Sample ID: LCSD 460-1064825/4
Matrix: Solid
Analysis Batch: 1064825

Client Sample ID: Lab Control Sample Dup
Prep Type: Total/NA

Analyte	Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
1,1,1-Trichloroethane	0.0200	0.0229		mg/Kg		114	78 - 120	0	30
1,1,2,2-Tetrachloroethane	0.0200	0.0207		mg/Kg		103	70 - 133	2	30
1,1,2-Trichloro-1,2,2-trifluoroethane	0.0200	0.0228		mg/Kg		114	75 - 121	1	30
1,1,2-Trichloroethane	0.0200	0.0211		mg/Kg		106	80 - 120	0	30
1,1-Dichloroethane	0.0200	0.0223		mg/Kg		111	72 - 120	2	30
1,1-Dichloroethene	0.0200	0.0222		mg/Kg		111	76 - 120	1	30
1,2,3-Trichlorobenzene	0.0200	0.0204		mg/Kg		102	77 - 137	1	30
1,2,4-Trichlorobenzene	0.0200	0.0189		mg/Kg		95	77 - 136	1	30
1,2,4-Trimethylbenzene	0.0200	0.0201		mg/Kg		100	75 - 120	2	30

Method: 8260D - Volatile Organic Compounds by GC/MS (Continued)

Lab Sample ID: LCSD 460-1064825/4
Matrix: Solid
Analysis Batch: 1064825

Client Sample ID: Lab Control Sample Dup
Prep Type: Total/NA

Analyte	Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
1,2-Dibromo-3-Chloropropane	0.0200	0.0219		mg/Kg		109	80 - 124	2	30
1,2-Dichlorobenzene	0.0200	0.0200		mg/Kg		100	80 - 120	0	30
1,2-Dichloroethane	0.0200	0.0230		mg/Kg		115	70 - 123	2	30
1,2-Dichloropropane	0.0200	0.0212		mg/Kg		106	73 - 124	0	30
1,3,5-Trimethylbenzene	0.0200	0.0205		mg/Kg		102	70 - 120	0	30
1,3-Dichlorobenzene	0.0200	0.0194		mg/Kg		97	80 - 120	1	30
1,4-Dichlorobenzene	0.0200	0.0197		mg/Kg		99	80 - 120	2	30
2-Butanone (MEK)	0.100	0.115		mg/Kg		115	64 - 128	3	30
2-Hexanone	0.100	0.112		mg/Kg		112	75 - 120	1	30
4-Methyl-2-pentanone (MIBK)	0.100	0.112		mg/Kg		112	80 - 120	0	30
Acetone	0.100	0.106		mg/Kg		106	58 - 122	2	30
Benzene	0.0200	0.0213		mg/Kg		106	75 - 120	2	30
Bromoform	0.0200	0.0201		mg/Kg		101	61 - 125	1	30
Bromomethane	0.0200	0.0155		mg/Kg		78	37 - 150	0	30
Carbon disulfide	0.0200	0.0219		mg/Kg		110	57 - 133	1	30
Carbon tetrachloride	0.0200	0.0222		mg/Kg		111	66 - 127	1	30
Chlorobenzene	0.0200	0.0207		mg/Kg		103	80 - 120	1	30
Chlorobromomethane	0.0200	0.0230		mg/Kg		115	76 - 127	0	30
Chlorodibromomethane	0.0200	0.0203		mg/Kg		102	72 - 120	1	30
Chloroethane	0.0200	0.0225		mg/Kg		112	60 - 123	6	30
Chloroform	0.0200	0.0226		mg/Kg		113	79 - 126	2	30
Chloromethane	0.0200	0.0193		mg/Kg		97	46 - 122	5	30
cis-1,2-Dichloroethene	0.0200	0.0216		mg/Kg		108	80 - 123	0	30
cis-1,3-Dichloropropene	0.0200	0.0202		mg/Kg		101	75 - 120	1	30
Cyclohexane	0.0200	0.0224		mg/Kg		112	65 - 132	2	30
Dichlorobromomethane	0.0200	0.0218		mg/Kg		109	77 - 124	0	30
Dichlorodifluoromethane	0.0200	0.0205		mg/Kg		103	45 - 129	1	30
Ethylbenzene	0.0200	0.0208		mg/Kg		104	80 - 120	1	30
Ethylene Dibromide	0.0200	0.0220		mg/Kg		110	79 - 120	1	30
Isopropylbenzene	0.0200	0.0214		mg/Kg		107	74 - 120	2	30
Methyl acetate	0.0400	0.0447		mg/Kg		112	57 - 120	1	30
Methyl tert-butyl ether	0.0200	0.0223		mg/Kg		112	74 - 125	3	30
Methylcyclohexane	0.0200	0.0231		mg/Kg		116	66 - 125	2	30
Methylene Chloride	0.0200	0.0219		mg/Kg		109	78 - 120	2	30
m-Xylene & p-Xylene	0.0200	0.0209		mg/Kg		104	80 - 120	1	30
n-Butylbenzene	0.0200	0.0199		mg/Kg		99	72 - 120	1	30
N-Propylbenzene	0.0200	0.0204		mg/Kg		102	68 - 120	1	30
o-Xylene	0.0200	0.0207		mg/Kg		104	80 - 120	2	30
sec-Butylbenzene	0.0200	0.0211		mg/Kg		105	78 - 120	1	30
Styrene	0.0200	0.0225		mg/Kg		112	80 - 120	2	30
tert-Butylbenzene	0.0200	0.0217		mg/Kg		108	80 - 120	0	30
Tetrachloroethene	0.0200	0.0212		mg/Kg		106	73 - 120	1	30
Toluene	0.0200	0.0208		mg/Kg		104	80 - 120	0	30
trans-1,2-Dichloroethene	0.0200	0.0216		mg/Kg		108	78 - 120	3	30
trans-1,3-Dichloropropene	0.0200	0.0200		mg/Kg		100	77 - 120	1	30
Trichloroethene	0.0200	0.0219		mg/Kg		110	80 - 120	2	30
Trichlorofluoromethane	0.0200	0.0228		mg/Kg		114	61 - 130	5	30
Vinyl chloride	0.0200	0.0241		mg/Kg		121	54 - 122	8	30
Xylenes, Total	0.0400	0.0416		mg/Kg		104	80 - 120	1	30

Method: 8260D - Volatile Organic Compounds by GC/MS (Continued)

Surrogate	LCSD %Recovery	LCSD Qualifier	Limits
1,2-Dichloroethane-d4 (Surr)	116		65 - 138
4-Bromofluorobenzene	101		71 - 128
Dibromofluoromethane (Surr)	114		50 - 150
Toluene-d8 (Surr)	109		71 - 126

Lab Sample ID: MB 460-1064829/7
Matrix: Solid
Analysis Batch: 1064829

Client Sample ID: Method Blank
Prep Type: Total/NA

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1-Trichloroethane	0.0010	U	0.0010	0.00023	mg/Kg			09/30/25 18:22	1
1,1,2,2-Tetrachloroethane	0.0010	U	0.0010	0.00052	mg/Kg			09/30/25 18:22	1
1,1,2-Trichloro-1,2,2-trifluoroethane	0.0010	U	0.0010	0.00030	mg/Kg			09/30/25 18:22	1
1,1,2-Trichloroethane	0.0010	U	0.0010	0.00060	mg/Kg			09/30/25 18:22	1
1,1-Dichloroethane	0.0010	U	0.0010	0.00060	mg/Kg			09/30/25 18:22	1
1,1-Dichloroethene	0.0010	U	0.0010	0.00023	mg/Kg			09/30/25 18:22	1
1,2,3-Trichlorobenzene	0.0010	U	0.0010	0.00074	mg/Kg			09/30/25 18:22	1
1,2,4-Trichlorobenzene	0.0010	U	0.0010	0.00036	mg/Kg			09/30/25 18:22	1
1,2,4-Trimethylbenzene	0.0010	U	0.0010	0.00025	mg/Kg			09/30/25 18:22	1
1,2-Dibromo-3-Chloropropane	0.0010	U	0.0010	0.00046	mg/Kg			09/30/25 18:22	1
1,2-Dichlorobenzene	0.0010	U	0.0010	0.00036	mg/Kg			09/30/25 18:22	1
1,2-Dichloroethane	0.0010	U	0.0010	0.00030	mg/Kg			09/30/25 18:22	1
1,2-Dichloropropane	0.0010	U	0.0010	0.00042	mg/Kg			09/30/25 18:22	1
1,3,5-Trimethylbenzene	0.0010	U	0.0010	0.00031	mg/Kg			09/30/25 18:22	1
1,3-Dichlorobenzene	0.0010	U	0.0010	0.00037	mg/Kg			09/30/25 18:22	1
1,4-Dichlorobenzene	0.0010	U	0.0010	0.00052	mg/Kg			09/30/25 18:22	1
2-Butanone (MEK)	0.0050	U	0.0050	0.00037	mg/Kg			09/30/25 18:22	1
2-Hexanone	0.0050	U	0.0050	0.0017	mg/Kg			09/30/25 18:22	1
4-Methyl-2-pentanone (MIBK)	0.0050	U	0.0050	0.0016	mg/Kg			09/30/25 18:22	1
Acetone	0.0060	U	0.0060	0.0057	mg/Kg			09/30/25 18:22	1
Benzene	0.0010	U	0.0010	0.00057	mg/Kg			09/30/25 18:22	1
Bromoform	0.0010	U	0.0010	0.00043	mg/Kg			09/30/25 18:22	1
Bromomethane	0.0020	U	0.0020	0.0010	mg/Kg			09/30/25 18:22	1
Carbon disulfide	0.0010	U	0.0010	0.00027	mg/Kg			09/30/25 18:22	1
Carbon tetrachloride	0.0010	U	0.0010	0.00039	mg/Kg			09/30/25 18:22	1
Chlorobenzene	0.0010	U	0.0010	0.00051	mg/Kg			09/30/25 18:22	1
Chlorobromomethane	0.0010	U	0.0010	0.00060	mg/Kg			09/30/25 18:22	1
Chlorodibromomethane	0.0010	U	0.0010	0.00054	mg/Kg			09/30/25 18:22	1
Chloroethane	0.0010	U	0.0010	0.00052	mg/Kg			09/30/25 18:22	1
Chloroform	0.0010	U	0.0010	0.00097	mg/Kg			09/30/25 18:22	1
Chloromethane	0.0010	U	0.0010	0.00044	mg/Kg			09/30/25 18:22	1
cis-1,2-Dichloroethene	0.0010	U	0.0010	0.00036	mg/Kg			09/30/25 18:22	1
cis-1,3-Dichloropropene	0.0010	U	0.0010	0.00027	mg/Kg			09/30/25 18:22	1
Cyclohexane	0.0010	U	0.0010	0.00022	mg/Kg			09/30/25 18:22	1
Dichlorobromomethane	0.0010	U	0.0010	0.00026	mg/Kg			09/30/25 18:22	1
Dichlorodifluoromethane	0.0010	U	0.0010	0.00034	mg/Kg			09/30/25 18:22	1
Ethylbenzene	0.0010	U	0.0010	0.00047	mg/Kg			09/30/25 18:22	1
Ethylene Dibromide	0.0010	U	0.0010	0.00050	mg/Kg			09/30/25 18:22	1
Isopropylbenzene	0.0010	U	0.0010	0.00029	mg/Kg			09/30/25 18:22	1
Methyl acetate	0.0050	U	0.0050	0.0043	mg/Kg			09/30/25 18:22	1
Methyl tert-butyl ether	0.0010	U	0.0010	0.00051	mg/Kg			09/30/25 18:22	1

Method: 8260D - Volatile Organic Compounds by GC/MS (Continued)

Lab Sample ID: MB 460-1064829/7
Matrix: Solid
Analysis Batch: 1064829

Client Sample ID: Method Blank
Prep Type: Total/NA

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Methylcyclohexane	0.0010	U	0.0010	0.00050	mg/Kg			09/30/25 18:22	1
Methylene Chloride	0.0020	U	0.0020	0.0011	mg/Kg			09/30/25 18:22	1
m-Xylene & p-Xylene	0.0010	U	0.0010	0.00042	mg/Kg			09/30/25 18:22	1
n-Butylbenzene	0.0010	U	0.0010	0.00029	mg/Kg			09/30/25 18:22	1
N-Propylbenzene	0.0010	U	0.0010	0.00045	mg/Kg			09/30/25 18:22	1
o-Xylene	0.0010	U	0.0010	0.00046	mg/Kg			09/30/25 18:22	1
sec-Butylbenzene	0.0010	U	0.0010	0.00029	mg/Kg			09/30/25 18:22	1
Styrene	0.0010	U	0.0010	0.00028	mg/Kg			09/30/25 18:22	1
tert-Butylbenzene	0.0010	U	0.0010	0.00028	mg/Kg			09/30/25 18:22	1
Tetrachloroethene	0.0010	U	0.0010	0.00031	mg/Kg			09/30/25 18:22	1
Toluene	0.0010	U	0.0010	0.00023	mg/Kg			09/30/25 18:22	1
trans-1,2-Dichloroethene	0.0010	U	0.0010	0.00025	mg/Kg			09/30/25 18:22	1
trans-1,3-Dichloropropene	0.0010	U	0.0010	0.00027	mg/Kg			09/30/25 18:22	1
Trichloroethene	0.0010	U	0.0010	0.00032	mg/Kg			09/30/25 18:22	1
Trichlorofluoromethane	0.0010	U	0.0010	0.00041	mg/Kg			09/30/25 18:22	1
Vinyl chloride	0.0010	U	0.0010	0.00055	mg/Kg			09/30/25 18:22	1
Xylenes, Total	0.0020	U	0.0020	0.00017	mg/Kg			09/30/25 18:22	1

Surrogate	*MB %Recovery*	*MB Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,2-Dichloroethane-d4 (Surr)	*100*		*65 - 138*		*09/30/25 18:22*	*1*
4-Bromofluorobenzene	*96*		*71 - 128*		*09/30/25 18:22*	*1*
Dibromofluoromethane (Surr)	*96*		*50 - 150*		*09/30/25 18:22*	*1*
Toluene-d8 (Surr)	*106*		*71 - 126*		*09/30/25 18:22*	*1*

Lab Sample ID: LCS 460-1064829/2
Matrix: Solid
Analysis Batch: 1064829

Client Sample ID: Lab Control Sample
Prep Type: Total/NA

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
1,1,1-Trichloroethane	0.0200	0.0179		mg/Kg		90	78 - 120
1,1,2,2-Tetrachloroethane	0.0200	0.0229		mg/Kg		115	70 - 133
1,1,2-Trichloro-1,2,2-trifluoroethane	0.0200	0.0174		mg/Kg		87	75 - 121
1,1,2-Trichloroethane	0.0200	0.0207		mg/Kg		104	80 - 120
1,1-Dichloroethane	0.0200	0.0215		mg/Kg		108	72 - 120
1,1-Dichloroethene	0.0200	0.0178		mg/Kg		89	76 - 120
1,2,3-Trichlorobenzene	0.0200	0.0160		mg/Kg		80	77 - 137
1,2,4-Trichlorobenzene	0.0200	0.0150	*	mg/Kg		75	77 - 136
1,2,4-Trimethylbenzene	0.0200	0.0183		mg/Kg		91	75 - 120
1,2-Dibromo-3-Chloropropane	0.0200	0.0177		mg/Kg		89	80 - 124
1,2-Dichlorobenzene	0.0200	0.0185		mg/Kg		92	80 - 120
1,2-Dichloroethane	0.0200	0.0199		mg/Kg		100	70 - 123
1,2-Dichloropropane	0.0200	0.0229		mg/Kg		114	73 - 124
1,3,5-Trimethylbenzene	0.0200	0.0187		mg/Kg		94	70 - 120
1,3-Dichlorobenzene	0.0200	0.0174		mg/Kg		87	80 - 120
1,4-Dichlorobenzene	0.0200	0.0175		mg/Kg		87	80 - 120
2-Butanone (MEK)	0.100	0.0762		mg/Kg		76	64 - 128
2-Hexanone	0.100	0.0867		mg/Kg		87	75 - 120
4-Methyl-2-pentanone (MIBK)	0.100	0.0908		mg/Kg		91	80 - 120

Method: 8260D - Volatile Organic Compounds by GC/MS (Continued)

Lab Sample ID: LCS 460-1064829/2
Matrix: Solid
Analysis Batch: 1064829

Client Sample ID: Lab Control Sample
Prep Type: Total/NA

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
Acetone	0.100	0.0853		mg/Kg		85	58 - 122
Benzene	0.0200	0.0209		mg/Kg		104	75 - 120
Bromoform	0.0200	0.0263	*	mg/Kg		132	61 - 125
Bromomethane	0.0200	0.0156		mg/Kg		78	37 - 150
Carbon disulfide	0.0200	0.0207		mg/Kg		104	57 - 133
Carbon tetrachloride	0.0200	0.0213		mg/Kg		106	66 - 127
Chlorobenzene	0.0200	0.0183		mg/Kg		92	80 - 120
Chlorobromomethane	0.0200	0.0177		mg/Kg		88	76 - 127
Chlorodibromomethane	0.0200	0.0247	*	mg/Kg		124	72 - 120
Chloroethane	0.0200	0.0191		mg/Kg		96	60 - 123
Chloroform	0.0200	0.0192		mg/Kg		96	79 - 126
Chloromethane	0.0200	0.0175		mg/Kg		87	46 - 122
cis-1,2-Dichloroethene	0.0200	0.0182		mg/Kg		91	80 - 123
cis-1,3-Dichloropropene	0.0200	0.0216		mg/Kg		108	75 - 120
Cyclohexane	0.0200	0.0190		mg/Kg		95	65 - 132
Dichlorobromomethane	0.0200	0.0213		mg/Kg		107	77 - 124
Dichlorodifluoromethane	0.0200	0.0158		mg/Kg		79	45 - 129
Ethylbenzene	0.0200	0.0181		mg/Kg		91	80 - 120
Ethylene Dibromide	0.0200	0.0188		mg/Kg		94	79 - 120
Isopropylbenzene	0.0200	0.0179		mg/Kg		90	74 - 120
Methyl acetate	0.0400	0.0472		mg/Kg		118	57 - 120
Methyl tert-butyl ether	0.0200	0.0188		mg/Kg		94	74 - 125
Methylcyclohexane	0.0200	0.0189		mg/Kg		95	66 - 125
Methylene Chloride	0.0200	0.0193		mg/Kg		96	78 - 120
m-Xylene & p-Xylene	0.0200	0.0179		mg/Kg		89	80 - 120
n-Butylbenzene	0.0200	0.0192		mg/Kg		96	72 - 120
N-Propylbenzene	0.0200	0.0179		mg/Kg		89	68 - 120
o-Xylene	0.0200	0.0184		mg/Kg		92	80 - 120
sec-Butylbenzene	0.0200	0.0187		mg/Kg		94	78 - 120
Styrene	0.0200	0.0174		mg/Kg		87	80 - 120
tert-Butylbenzene	0.0200	0.0185		mg/Kg		93	80 - 120
Tetrachloroethene	0.0200	0.0169		mg/Kg		84	73 - 120
Toluene	0.0200	0.0187		mg/Kg		93	80 - 120
trans-1,2-Dichloroethene	0.0200	0.0179		mg/Kg		89	78 - 120
trans-1,3-Dichloropropene	0.0200	0.0203		mg/Kg		102	77 - 120
Trichloroethene	0.0200	0.0179		mg/Kg		90	80 - 120
Trichlorofluoromethane	0.0200	0.0148		mg/Kg		74	61 - 130
Vinyl chloride	0.0200	0.0181		mg/Kg		90	54 - 122
Xylenes, Total	0.0400	0.0363		mg/Kg		91	80 - 120

Surrogate	*LCS %Recovery*	*LCS Qualifier*	*Limits*
1,2-Dichloroethane-d4 (Surr)	*105*		*65 - 138*
4-Bromofluorobenzene	*98*		*71 - 128*
Dibromofluoromethane (Surr)	*97*		*50 - 150*
Toluene-d8 (Surr)	*105*		*71 - 126*

Method: 8260D - Volatile Organic Compounds by GC/MS (Continued)

Lab Sample ID: LCSD 460-1064829/3
Matrix: Solid
Analysis Batch: 1064829

Client Sample ID: Lab Control Sample Dup
Prep Type: Total/NA

Analyte	Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
1,1,1-Trichloroethane	0.0200	0.0195		mg/Kg		97	78 - 120	8	30
1,1,2,2-Tetrachloroethane	0.0200	0.0237		mg/Kg		119	70 - 133	3	30
1,1,2-Trichloro-1,2,2-trifluoroethane	0.0200	0.0180		mg/Kg		90	75 - 121	4	30
1,1,2-Trichloroethane	0.0200	0.0222		mg/Kg		111	80 - 120	7	30
1,1-Dichloroethane	0.0200	0.0231		mg/Kg		116	72 - 120	7	30
1,1-Dichloroethene	0.0200	0.0185		mg/Kg		93	76 - 120	4	30
1,2,3-Trichlorobenzene	0.0200	0.0170		mg/Kg		85	77 - 137	7	30
1,2,4-Trichlorobenzene	0.0200	0.0160		mg/Kg		80	77 - 136	6	30
1,2,4-Trimethylbenzene	0.0200	0.0199		mg/Kg		100	75 - 120	9	30
1,2-Dibromo-3-Chloropropane	0.0200	0.0183		mg/Kg		92	80 - 124	3	30
1,2-Dichlorobenzene	0.0200	0.0196		mg/Kg		98	80 - 120	6	30
1,2-Dichloroethane	0.0200	0.0210		mg/Kg		105	70 - 123	5	30
1,2-Dichloropropane	0.0200	0.0242		mg/Kg		121	73 - 124	6	30
1,3,5-Trimethylbenzene	0.0200	0.0200		mg/Kg		100	70 - 120	7	30
1,3-Dichlorobenzene	0.0200	0.0185		mg/Kg		92	80 - 120	6	30
1,4-Dichlorobenzene	0.0200	0.0189		mg/Kg		94	80 - 120	8	30
2-Butanone (MEK)	0.100	0.0795		mg/Kg		80	64 - 128	4	30
2-Hexanone	0.100	0.0906		mg/Kg		91	75 - 120	4	30
4-Methyl-2-pentanone (MIBK)	0.100	0.0961		mg/Kg		96	80 - 120	6	30
Acetone	0.100	0.0883		mg/Kg		88	58 - 122	3	30
Benzene	0.0200	0.0226		mg/Kg		113	75 - 120	8	30
Bromoform	0.0200	0.0281	*	mg/Kg		141	61 - 125	7	30
Bromomethane	0.0200	0.0165		mg/Kg		83	37 - 150	6	30
Carbon disulfide	0.0200	0.0222		mg/Kg		111	57 - 133	7	30
Carbon tetrachloride	0.0200	0.0231		mg/Kg		115	66 - 127	8	30
Chlorobenzene	0.0200	0.0200		mg/Kg		100	80 - 120	9	30
Chlorobromomethane	0.0200	0.0180		mg/Kg		90	76 - 127	2	30
Chlorodibromomethane	0.0200	0.0265	*	mg/Kg		133	72 - 120	7	30
Chloroethane	0.0200	0.0194		mg/Kg		97	60 - 123	2	30
Chloroform	0.0200	0.0205		mg/Kg		102	79 - 126	7	30
Chloromethane	0.0200	0.0182		mg/Kg		91	46 - 122	4	30
cis-1,2-Dichloroethene	0.0200	0.0193		mg/Kg		97	80 - 123	6	30
cis-1,3-Dichloropropene	0.0200	0.0234		mg/Kg		117	75 - 120	8	30
Cyclohexane	0.0200	0.0205		mg/Kg		102	65 - 132	7	30
Dichlorobromomethane	0.0200	0.0227		mg/Kg		113	77 - 124	6	30
Dichlorodifluoromethane	0.0200	0.0161		mg/Kg		80	45 - 129	1	30
Ethylbenzene	0.0200	0.0201		mg/Kg		101	80 - 120	10	30
Ethylene Dibromide	0.0200	0.0206		mg/Kg		103	79 - 120	9	30
Isopropylbenzene	0.0200	0.0199		mg/Kg		100	74 - 120	10	30
Methyl acetate	0.0400	0.0567	*	mg/Kg		142	57 - 120	18	30
Methyl tert-butyl ether	0.0200	0.0199		mg/Kg		99	74 - 125	5	30
Methylcyclohexane	0.0200	0.0202		mg/Kg		101	66 - 125	6	30
Methylene Chloride	0.0200	0.0208		mg/Kg		104	78 - 120	8	30
m-Xylene & p-Xylene	0.0200	0.0196		mg/Kg		98	80 - 120	9	30
n-Butylbenzene	0.0200	0.0207		mg/Kg		104	72 - 120	7	30
N-Propylbenzene	0.0200	0.0193		mg/Kg		97	68 - 120	8	30
o-Xylene	0.0200	0.0198		mg/Kg		99	80 - 120	8	30
sec-Butylbenzene	0.0200	0.0202		mg/Kg		101	78 - 120	7	30

Method: 8260D - Volatile Organic Compounds by GC/MS (Continued)

Lab Sample ID: LCSD 460-1064829/3
Matrix: Solid
Analysis Batch: 1064829

Client Sample ID: Lab Control Sample Dup
Prep Type: Total/NA

Analyte			Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Styrene			0.0200	0.0191		mg/Kg		95	80 - 120	9	30
tert-Butylbenzene			0.0200	0.0200		mg/Kg		100	80 - 120	7	30
Tetrachloroethene			0.0200	0.0180		mg/Kg		90	73 - 120	7	30
Toluene			0.0200	0.0202		mg/Kg		101	80 - 120	8	30
trans-1,2-Dichloroethene			0.0200	0.0192		mg/Kg		96	78 - 120	7	30
trans-1,3-Dichloropropene			0.0200	0.0221		mg/Kg		110	77 - 120	8	30
Trichloroethene			0.0200	0.0190		mg/Kg		95	80 - 120	6	30
Trichlorofluoromethane			0.0200	0.0152		mg/Kg		76	61 - 130	3	30
Vinyl chloride			0.0200	0.0188		mg/Kg		94	54 - 122	4	30
Xylenes, Total			0.0400	0.0394		mg/Kg		98	80 - 120	8	30

Surrogate	*LCSD %Recovery*	*LCSD Qualifier*	*Limits*
1,2-Dichloroethane-d4 (Surr)	*105*		*65 - 138*
4-Bromofluorobenzene	*96*		*71 - 128*
Dibromofluoromethane (Surr)	*95*		*50 - 150*
Toluene-d8 (Surr)	*105*		*71 - 126*

Lab Sample ID: MB 460-1064946/6
Matrix: Solid
Analysis Batch: 1064946

Client Sample ID: Method Blank
Prep Type: Total/NA

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1-Trichloroethane	0.0010	U	0.0010	0.00023	mg/Kg			10/01/25 06:14	1
1,1,2,2-Tetrachloroethane	0.0010	U	0.0010	0.00052	mg/Kg			10/01/25 06:14	1
1,1,2-Trichloro-1,2,2-trifluoroethane	0.0010	U	0.0010	0.00030	mg/Kg			10/01/25 06:14	1
1,1,2-Trichloroethane	0.0010	U	0.0010	0.00060	mg/Kg			10/01/25 06:14	1
1,1-Dichloroethane	0.0010	U	0.0010	0.00060	mg/Kg			10/01/25 06:14	1
1,1-Dichloroethene	0.0010	U	0.0010	0.00023	mg/Kg			10/01/25 06:14	1
1,2,3-Trichlorobenzene	0.0010	U	0.0010	0.00074	mg/Kg			10/01/25 06:14	1
1,2,4-Trichlorobenzene	0.0010	U	0.0010	0.00036	mg/Kg			10/01/25 06:14	1
1,2,4-Trimethylbenzene	0.0010	U	0.0010	0.00025	mg/Kg			10/01/25 06:14	1
1,2-Dibromo-3-Chloropropane	0.0010	U	0.0010	0.00046	mg/Kg			10/01/25 06:14	1
1,2-Dichlorobenzene	0.0010	U	0.0010	0.00036	mg/Kg			10/01/25 06:14	1
1,2-Dichloroethane	0.0010	U	0.0010	0.00030	mg/Kg			10/01/25 06:14	1
1,2-Dichloropropane	0.0010	U	0.0010	0.00042	mg/Kg			10/01/25 06:14	1
1,3,5-Trimethylbenzene	0.0010	U	0.0010	0.00031	mg/Kg			10/01/25 06:14	1
1,3-Dichlorobenzene	0.0010	U	0.0010	0.00037	mg/Kg			10/01/25 06:14	1
1,4-Dichlorobenzene	0.0010	U	0.0010	0.00052	mg/Kg			10/01/25 06:14	1
2-Butanone (MEK)	0.0050	U	0.0050	0.00037	mg/Kg			10/01/25 06:14	1
2-Hexanone	0.0050	U	0.0050	0.0017	mg/Kg			10/01/25 06:14	1
4-Methyl-2-pentanone (MIBK)	0.0050	U	0.0050	0.0016	mg/Kg			10/01/25 06:14	1
Acetone	0.0060	U	0.0060	0.0057	mg/Kg			10/01/25 06:14	1
Benzene	0.0010	U	0.0010	0.00057	mg/Kg			10/01/25 06:14	1
Bromoform	0.0010	U	0.0010	0.00043	mg/Kg			10/01/25 06:14	1
Bromomethane	0.0020	U	0.0020	0.0010	mg/Kg			10/01/25 06:14	1
Carbon disulfide	0.0010	U	0.0010	0.00027	mg/Kg			10/01/25 06:14	1
Carbon tetrachloride	0.0010	U	0.0010	0.00039	mg/Kg			10/01/25 06:14	1
Chlorobenzene	0.0010	U	0.0010	0.00051	mg/Kg			10/01/25 06:14	1

Method: 8260D - Volatile Organic Compounds by GC/MS (Continued)

Lab Sample ID: MB 460-1064946/6
Matrix: Solid
Analysis Batch: 1064946

Client Sample ID: Method Blank
Prep Type: Total/NA

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chlorobromomethane	0.0010	U	0.0010	0.00060	mg/Kg			10/01/25 06:14	1
Chlorodibromomethane	0.0010	U	0.0010	0.00054	mg/Kg			10/01/25 06:14	1
Chloroethane	0.0010	U	0.0010	0.00052	mg/Kg			10/01/25 06:14	1
Chloroform	0.0010	U	0.0010	0.00097	mg/Kg			10/01/25 06:14	1
Chloromethane	0.0010	U	0.0010	0.00044	mg/Kg			10/01/25 06:14	1
cis-1,2-Dichloroethene	0.0010	U	0.0010	0.00036	mg/Kg			10/01/25 06:14	1
cis-1,3-Dichloropropene	0.0010	U	0.0010	0.00027	mg/Kg			10/01/25 06:14	1
Cyclohexane	0.0010	U	0.0010	0.00022	mg/Kg			10/01/25 06:14	1
Dichlorobromomethane	0.0010	U	0.0010	0.00026	mg/Kg			10/01/25 06:14	1
Dichlorodifluoromethane	0.0010	U	0.0010	0.00034	mg/Kg			10/01/25 06:14	1
Ethylbenzene	0.0010	U	0.0010	0.00047	mg/Kg			10/01/25 06:14	1
Ethylene Dibromide	0.0010	U	0.0010	0.00050	mg/Kg			10/01/25 06:14	1
Isopropylbenzene	0.0010	U	0.0010	0.00029	mg/Kg			10/01/25 06:14	1
Methyl acetate	0.0050	U	0.0050	0.0043	mg/Kg			10/01/25 06:14	1
Methyl tert-butyl ether	0.0010	U	0.0010	0.00051	mg/Kg			10/01/25 06:14	1
Methylcyclohexane	0.0010	U	0.0010	0.00050	mg/Kg			10/01/25 06:14	1
Methylene Chloride	0.0020	U	0.0020	0.0011	mg/Kg			10/01/25 06:14	1
m-Xylene & p-Xylene	0.0010	U	0.0010	0.00042	mg/Kg			10/01/25 06:14	1
n-Butylbenzene	0.0010	U	0.0010	0.00029	mg/Kg			10/01/25 06:14	1
N-Propylbenzene	0.0010	U	0.0010	0.00045	mg/Kg			10/01/25 06:14	1
o-Xylene	0.0010	U	0.0010	0.00046	mg/Kg			10/01/25 06:14	1
sec-Butylbenzene	0.0010	U	0.0010	0.00029	mg/Kg			10/01/25 06:14	1
Styrene	0.0010	U	0.0010	0.00028	mg/Kg			10/01/25 06:14	1
tert-Butylbenzene	0.0010	U	0.0010	0.00028	mg/Kg			10/01/25 06:14	1
Tetrachloroethene	0.0010	U	0.0010	0.00031	mg/Kg			10/01/25 06:14	1
Toluene	0.0010	U	0.0010	0.00023	mg/Kg			10/01/25 06:14	1
trans-1,2-Dichloroethene	0.0010	U	0.0010	0.00025	mg/Kg			10/01/25 06:14	1
trans-1,3-Dichloropropene	0.0010	U	0.0010	0.00027	mg/Kg			10/01/25 06:14	1
Trichloroethene	0.0010	U	0.0010	0.00032	mg/Kg			10/01/25 06:14	1
Trichlorofluoromethane	0.0010	U	0.0010	0.00041	mg/Kg			10/01/25 06:14	1
Vinyl chloride	0.0010	U	0.0010	0.00055	mg/Kg			10/01/25 06:14	1
Xylenes, Total	0.0020	U	0.0020	0.00017	mg/Kg			10/01/25 06:14	1

Surrogate	*MB %Recovery*	*MB Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,2-Dichloroethane-d4 (Surr)	*103*		*65 - 138*		*10/01/25 06:14*	*1*
4-Bromofluorobenzene	*96*		*71 - 128*		*10/01/25 06:14*	*1*
Dibromofluoromethane (Surr)	*96*		*50 - 150*		*10/01/25 06:14*	*1*
Toluene-d8 (Surr)	*106*		*71 - 126*		*10/01/25 06:14*	*1*

Lab Sample ID: LCS 460-1064946/2
Matrix: Solid
Analysis Batch: 1064946

Client Sample ID: Lab Control Sample
Prep Type: Total/NA

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
1,1,1-Trichloroethane	0.0200	0.0209		mg/Kg		104	78 - 120
1,1,2,2-Tetrachloroethane	0.0200	0.0250		mg/Kg		125	70 - 133
1,1,2-Trichloro-1,2,2-trifluoroethane	0.0200	0.0195		mg/Kg		97	75 - 121
1,1,2-Trichloroethane	0.0200	0.0221		mg/Kg		111	80 - 120

Method: 8260D - Volatile Organic Compounds by GC/MS (Continued)

Lab Sample ID: LCS 460-1064946/2
Matrix: Solid
Analysis Batch: 1064946

Client Sample ID: Lab Control Sample
Prep Type: Total/NA

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
1,1-Dichloroethane	0.0200	0.0235		mg/Kg		117	72 - 120
1,1-Dichloroethene	0.0200	0.0196		mg/Kg		98	76 - 120
1,2,3-Trichlorobenzene	0.0200	0.0185		mg/Kg		92	77 - 137
1,2,4-Trichlorobenzene	0.0200	0.0188		mg/Kg		94	77 - 136
1,2,4-Trimethylbenzene	0.0200	0.0214		mg/Kg		107	75 - 120
1,2-Dibromo-3-Chloropropane	0.0200	0.0198		mg/Kg		99	80 - 124
1,2-Dichlorobenzene	0.0200	0.0203		mg/Kg		101	80 - 120
1,2-Dichloroethane	0.0200	0.0208		mg/Kg		104	70 - 123
1,2-Dichloropropane	0.0200	0.0244		mg/Kg		122	73 - 124
1,3,5-Trimethylbenzene	0.0200	0.0217		mg/Kg		109	70 - 120
1,3-Dichlorobenzene	0.0200	0.0195		mg/Kg		98	80 - 120
1,4-Dichlorobenzene	0.0200	0.0200		mg/Kg		100	80 - 120
2-Butanone (MEK)	0.100	0.0784		mg/Kg		78	64 - 128
2-Hexanone	0.100	0.0904		mg/Kg		90	75 - 120
4-Methyl-2-pentanone (MIBK)	0.100	0.0932		mg/Kg		93	80 - 120
Acetone	0.100	0.0891		mg/Kg		89	58 - 122
Benzene	0.0200	0.0229		mg/Kg		114	75 - 120
Bromoform	0.0200	0.0278	*	mg/Kg		139	61 - 125
Bromomethane	0.0200	0.0179		mg/Kg		90	37 - 150
Carbon disulfide	0.0200	0.0231		mg/Kg		115	57 - 133
Carbon tetrachloride	0.0200	0.0248		mg/Kg		124	66 - 127
Chlorobenzene	0.0200	0.0199		mg/Kg		100	80 - 120
Chlorobromomethane	0.0200	0.0180		mg/Kg		90	76 - 127
Chlorodibromomethane	0.0200	0.0263	*	mg/Kg		131	72 - 120
Chloroethane	0.0200	0.0220		mg/Kg		110	60 - 123
Chloroform	0.0200	0.0200		mg/Kg		100	79 - 126
Chloromethane	0.0200	0.0207		mg/Kg		104	46 - 122
cis-1,2-Dichloroethene	0.0200	0.0192		mg/Kg		96	80 - 123
cis-1,3-Dichloropropene	0.0200	0.0241		mg/Kg		120	75 - 120
Cyclohexane	0.0200	0.0244		mg/Kg		122	65 - 132
Dichlorobromomethane	0.0200	0.0223		mg/Kg		111	77 - 124
Dichlorodifluoromethane	0.0200	0.0192		mg/Kg		96	45 - 129
Ethylbenzene	0.0200	0.0206		mg/Kg		103	80 - 120
Ethylene Dibromide	0.0200	0.0206		mg/Kg		103	79 - 120
Isopropylbenzene	0.0200	0.0212		mg/Kg		106	74 - 120
Methyl acetate	0.0400	0.0605	*	mg/Kg		151	57 - 120
Methyl tert-butyl ether	0.0200	0.0207		mg/Kg		104	74 - 125
Methylcyclohexane	0.0200	0.0222		mg/Kg		111	66 - 125
Methylene Chloride	0.0200	0.0209		mg/Kg		104	78 - 120
m-Xylene & p-Xylene	0.0200	0.0202		mg/Kg		101	80 - 120
n-Butylbenzene	0.0200	0.0241	*	mg/Kg		121	72 - 120
N-Propylbenzene	0.0200	0.0213		mg/Kg		107	68 - 120
o-Xylene	0.0200	0.0203		mg/Kg		102	80 - 120
sec-Butylbenzene	0.0200	0.0224		mg/Kg		112	78 - 120
Styrene	0.0200	0.0186		mg/Kg		93	80 - 120
tert-Butylbenzene	0.0200	0.0218		mg/Kg		109	80 - 120
Tetrachloroethene	0.0200	0.0193		mg/Kg		96	73 - 120
Toluene	0.0200	0.0206		mg/Kg		103	80 - 120
trans-1,2-Dichloroethene	0.0200	0.0196		mg/Kg		98	78 - 120

Method: 8260D - Volatile Organic Compounds by GC/MS (Continued)

Lab Sample ID: LCS 460-1064946/2
Matrix: Solid
Analysis Batch: 1064946

Client Sample ID: Lab Control Sample
Prep Type: Total/NA

Analyte			Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits		
trans-1,3-Dichloropropene			0.0200	0.0231		mg/Kg		116	77 - 120		
Trichloroethene			0.0200	0.0200		mg/Kg		100	80 - 120		
Trichlorofluoromethane			0.0200	0.0179		mg/Kg		89	61 - 130		
Vinyl chloride			0.0200	0.0220		mg/Kg		110	54 - 122		
Xylenes, Total			0.0400	0.0406		mg/Kg		101	80 - 120		

Surrogate	*LCS %Recovery*	*LCS Qualifier*	*Limits*
1,2-Dichloroethane-d4 (Surr)	*107*		*65 - 138*
4-Bromofluorobenzene	*97*		*71 - 128*
Dibromofluoromethane (Surr)	*94*		*50 - 150*
Toluene-d8 (Surr)	*104*		*71 - 126*

Lab Sample ID: LCSD 460-1064946/3
Matrix: Solid
Analysis Batch: 1064946

Client Sample ID: Lab Control Sample Dup
Prep Type: Total/NA

Analyte			Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
1,1,1-Trichloroethane			0.0200	0.0198		mg/Kg		99	78 - 120	5	30
1,1,2,2-Tetrachloroethane			0.0200	0.0229		mg/Kg		114	70 - 133	9	30
1,1,2-Trichloro-1,2,2-trifluoroethane			0.0200	0.0191		mg/Kg		96	75 - 121	2	30
1,1,2-Trichloroethane			0.0200	0.0205		mg/Kg		102	80 - 120	8	30
1,1-Dichloroethane			0.0200	0.0222		mg/Kg		111	72 - 120	5	30
1,1-Dichloroethene			0.0200	0.0191		mg/Kg		96	76 - 120	3	30
1,2,3-Trichlorobenzene			0.0200	0.0181		mg/Kg		90	77 - 137	2	30
1,2,4-Trichlorobenzene			0.0200	0.0178		mg/Kg		89	77 - 136	6	30
1,2,4-Trimethylbenzene			0.0200	0.0200		mg/Kg		100	75 - 120	7	30
1,2-Dibromo-3-Chloropropane			0.0200	0.0188		mg/Kg		94	80 - 124	5	30
1,2-Dichlorobenzene			0.0200	0.0190		mg/Kg		95	80 - 120	6	30
1,2-Dichloroethane			0.0200	0.0202		mg/Kg		101	70 - 123	3	30
1,2-Dichloropropane			0.0200	0.0233		mg/Kg		116	73 - 124	5	30
1,3,5-Trimethylbenzene			0.0200	0.0204		mg/Kg		102	70 - 120	6	30
1,3-Dichlorobenzene			0.0200	0.0183		mg/Kg		92	80 - 120	6	30
1,4-Dichlorobenzene			0.0200	0.0185		mg/Kg		92	80 - 120	8	30
2-Butanone (MEK)			0.100	0.0763		mg/Kg		76	64 - 128	3	30
2-Hexanone			0.100	0.0879		mg/Kg		88	75 - 120	3	30
4-Methyl-2-pentanone (MIBK)			0.100	0.0911		mg/Kg		91	80 - 120	2	30
Acetone			0.100	0.0845		mg/Kg		85	58 - 122	5	30
Benzene			0.0200	0.0215		mg/Kg		107	75 - 120	6	30
Bromoform			0.0200	0.0266	*	mg/Kg		133	61 - 125	4	30
Bromomethane			0.0200	0.0159		mg/Kg		79	37 - 150	12	30
Carbon disulfide			0.0200	0.0224		mg/Kg		112	57 - 133	3	30
Carbon tetrachloride			0.0200	0.0238		mg/Kg		119	66 - 127	4	30
Chlorobenzene			0.0200	0.0189		mg/Kg		94	80 - 120	5	30
Chlorobromomethane			0.0200	0.0173		mg/Kg		86	76 - 127	4	30
Chlorodibromomethane			0.0200	0.0243	*	mg/Kg		122	72 - 120	8	30
Chloroethane			0.0200	0.0193		mg/Kg		96	60 - 123	14	30
Chloroform			0.0200	0.0192		mg/Kg		96	79 - 126	4	30
Chloromethane			0.0200	0.0183		mg/Kg		92	46 - 122	12	30

Method: 8260D - Volatile Organic Compounds by GC/MS (Continued)

Lab Sample ID: LCSD 460-1064946/3
Matrix: Solid
Analysis Batch: 1064946

Client Sample ID: Lab Control Sample Dup
Prep Type: Total/NA

Analyte	Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
cis-1,2-Dichloroethene	0.0200	0.0185		mg/Kg		93	80 - 123	4	30
cis-1,3-Dichloropropene	0.0200	0.0226		mg/Kg		113	75 - 120	7	30
Cyclohexane	0.0200	0.0217		mg/Kg		108	65 - 132	12	30
Dichlorobromomethane	0.0200	0.0216		mg/Kg		108	77 - 124	3	30
Dichlorodifluoromethane	0.0200	0.0170		mg/Kg		85	45 - 129	12	30
Ethylbenzene	0.0200	0.0194		mg/Kg		97	80 - 120	6	30
Ethylene Dibromide	0.0200	0.0192		mg/Kg		96	79 - 120	7	30
Isopropylbenzene	0.0200	0.0194		mg/Kg		97	74 - 120	9	30
Methyl acetate	0.0400	0.0541	*	mg/Kg		135	57 - 120	11	30
Methyl tert-butyl ether	0.0200	0.0195		mg/Kg		98	74 - 125	6	30
Methylcyclohexane	0.0200	0.0210		mg/Kg		105	66 - 125	5	30
Methylene Chloride	0.0200	0.0197		mg/Kg		99	78 - 120	6	30
m-Xylene & p-Xylene	0.0200	0.0192		mg/Kg		96	80 - 120	5	30
n-Butylbenzene	0.0200	0.0222		mg/Kg		111	72 - 120	9	30
N-Propylbenzene	0.0200	0.0199		mg/Kg		100	68 - 120	7	30
o-Xylene	0.0200	0.0196		mg/Kg		98	80 - 120	4	30
sec-Butylbenzene	0.0200	0.0208		mg/Kg		104	78 - 120	7	30
Styrene	0.0200	0.0184		mg/Kg		92	80 - 120	1	30
tert-Butylbenzene	0.0200	0.0203		mg/Kg		102	80 - 120	7	30
Tetrachloroethene	0.0200	0.0174		mg/Kg		87	73 - 120	10	30
Toluene	0.0200	0.0195		mg/Kg		98	80 - 120	5	30
trans-1,2-Dichloroethene	0.0200	0.0189		mg/Kg		94	78 - 120	4	30
trans-1,3-Dichloropropene	0.0200	0.0219		mg/Kg		109	77 - 120	6	30
Trichloroethene	0.0200	0.0190		mg/Kg		95	80 - 120	5	30
Trichlorofluoromethane	0.0200	0.0153		mg/Kg		77	61 - 130	15	30
Vinyl chloride	0.0200	0.0189		mg/Kg		94	54 - 122	15	30
Xylenes, Total	0.0400	0.0388		mg/Kg		97	80 - 120	4	30

Surrogate	*LCSD %Recovery*	*LCSD Qualifier*	*Limits*
1,2-Dichloroethane-d4 (Surr)	*107*		*65 - 138*
4-Bromofluorobenzene	*98*		*71 - 128*
Dibromofluoromethane (Surr)	*96*		*50 - 150*
Toluene-d8 (Surr)	*106*		*71 - 126*

Lab Sample ID: MB 460-1064953/8
Matrix: Solid
Analysis Batch: 1064953

Client Sample ID: Method Blank
Prep Type: Total/NA

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1-Trichloroethane	0.0010	U	0.0010	0.00023	mg/Kg			10/01/25 06:47	1
1,1,2,2-Tetrachloroethane	0.0010	U	0.0010	0.00052	mg/Kg			10/01/25 06:47	1
1,1,2-Trichloro-1,2,2-trifluoroethane	0.0010	U	0.0010	0.00030	mg/Kg			10/01/25 06:47	1
1,1,2-Trichloroethane	0.0010	U	0.0010	0.00060	mg/Kg			10/01/25 06:47	1
1,1-Dichloroethane	0.0010	U	0.0010	0.00060	mg/Kg			10/01/25 06:47	1
1,1-Dichloroethene	0.0010	U	0.0010	0.00023	mg/Kg			10/01/25 06:47	1
1,2,3-Trichlorobenzene	0.0010	U	0.0010	0.00074	mg/Kg			10/01/25 06:47	1
1,2,4-Trichlorobenzene	0.0010	U	0.0010	0.00036	mg/Kg			10/01/25 06:47	1
1,2,4-Trimethylbenzene	0.0010	U	0.0010	0.00025	mg/Kg			10/01/25 06:47	1

Method: 8260D - Volatile Organic Compounds by GC/MS (Continued)

Lab Sample ID: MB 460-1064953/8
Matrix: Solid
Analysis Batch: 1064953

Client Sample ID: Method Blank
Prep Type: Total/NA

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,2-Dibromo-3-Chloropropane	0.0010	U	0.0010	0.00046	mg/Kg			10/01/25 06:47	1
1,2-Dichlorobenzene	0.0010	U	0.0010	0.00036	mg/Kg			10/01/25 06:47	1
1,2-Dichloroethane	0.0010	U	0.0010	0.00030	mg/Kg			10/01/25 06:47	1
1,2-Dichloropropane	0.0010	U	0.0010	0.00042	mg/Kg			10/01/25 06:47	1
1,3,5-Trimethylbenzene	0.0010	U	0.0010	0.00031	mg/Kg			10/01/25 06:47	1
1,3-Dichlorobenzene	0.0010	U	0.0010	0.00037	mg/Kg			10/01/25 06:47	1
1,4-Dichlorobenzene	0.0010	U	0.0010	0.00052	mg/Kg			10/01/25 06:47	1
2-Butanone (MEK)	0.0050	U	0.0050	0.00037	mg/Kg			10/01/25 06:47	1
2-Hexanone	0.0050	U	0.0050	0.0017	mg/Kg			10/01/25 06:47	1
4-Methyl-2-pentanone (MIBK)	0.0050	U	0.0050	0.0016	mg/Kg			10/01/25 06:47	1
Acetone	0.0060	U	0.0060	0.0057	mg/Kg			10/01/25 06:47	1
Benzene	0.0010	U	0.0010	0.00057	mg/Kg			10/01/25 06:47	1
Bromoform	0.0010	U	0.0010	0.00043	mg/Kg			10/01/25 06:47	1
Bromomethane	0.0020	U	0.0020	0.0010	mg/Kg			10/01/25 06:47	1
Carbon disulfide	0.0010	U	0.0010	0.00027	mg/Kg			10/01/25 06:47	1
Carbon tetrachloride	0.0010	U	0.0010	0.00039	mg/Kg			10/01/25 06:47	1
Chlorobenzene	0.0010	U	0.0010	0.00051	mg/Kg			10/01/25 06:47	1
Chlorobromomethane	0.0010	U	0.0010	0.00060	mg/Kg			10/01/25 06:47	1
Chlorodibromomethane	0.0010	U	0.0010	0.00054	mg/Kg			10/01/25 06:47	1
Chloroethane	0.0010	U	0.0010	0.00052	mg/Kg			10/01/25 06:47	1
Chloroform	0.0010	U	0.0010	0.00097	mg/Kg			10/01/25 06:47	1
Chloromethane	0.0010	U	0.0010	0.00044	mg/Kg			10/01/25 06:47	1
cis-1,2-Dichloroethene	0.0010	U	0.0010	0.00036	mg/Kg			10/01/25 06:47	1
cis-1,3-Dichloropropene	0.0010	U	0.0010	0.00027	mg/Kg			10/01/25 06:47	1
Cyclohexane	0.0010	U	0.0010	0.00022	mg/Kg			10/01/25 06:47	1
Dichlorobromomethane	0.0010	U	0.0010	0.00026	mg/Kg			10/01/25 06:47	1
Dichlorodifluoromethane	0.0010	U	0.0010	0.00034	mg/Kg			10/01/25 06:47	1
Ethylbenzene	0.0010	U	0.0010	0.00047	mg/Kg			10/01/25 06:47	1
Ethylene Dibromide	0.0010	U	0.0010	0.00050	mg/Kg			10/01/25 06:47	1
Isopropylbenzene	0.0010	U	0.0010	0.00029	mg/Kg			10/01/25 06:47	1
Methyl acetate	0.0050	U	0.0050	0.0043	mg/Kg			10/01/25 06:47	1
Methyl tert-butyl ether	0.0010	U	0.0010	0.00051	mg/Kg			10/01/25 06:47	1
Methylcyclohexane	0.0010	U	0.0010	0.00050	mg/Kg			10/01/25 06:47	1
Methylene Chloride	0.0020	U	0.0020	0.0011	mg/Kg			10/01/25 06:47	1
m-Xylene & p-Xylene	0.0010	U	0.0010	0.00042	mg/Kg			10/01/25 06:47	1
n-Butylbenzene	0.0010	U	0.0010	0.00029	mg/Kg			10/01/25 06:47	1
N-Propylbenzene	0.0010	U	0.0010	0.00045	mg/Kg			10/01/25 06:47	1
o-Xylene	0.0010	U	0.0010	0.00046	mg/Kg			10/01/25 06:47	1
sec-Butylbenzene	0.0010	U	0.0010	0.00029	mg/Kg			10/01/25 06:47	1
Styrene	0.0010	U	0.0010	0.00028	mg/Kg			10/01/25 06:47	1
tert-Butylbenzene	0.0010	U	0.0010	0.00028	mg/Kg			10/01/25 06:47	1
Tetrachloroethene	0.0010	U	0.0010	0.00031	mg/Kg			10/01/25 06:47	1
Toluene	0.0010	U	0.0010	0.00023	mg/Kg			10/01/25 06:47	1
trans-1,2-Dichloroethene	0.0010	U	0.0010	0.00025	mg/Kg			10/01/25 06:47	1
trans-1,3-Dichloropropene	0.0010	U	0.0010	0.00027	mg/Kg			10/01/25 06:47	1
Trichloroethene	0.0010	U	0.0010	0.00032	mg/Kg			10/01/25 06:47	1
Trichlorofluoromethane	0.0010	U	0.0010	0.00041	mg/Kg			10/01/25 06:47	1
Vinyl chloride	0.0010	U	0.0010	0.00055	mg/Kg			10/01/25 06:47	1
Xylenes, Total	0.0020	U	0.0020	0.00017	mg/Kg			10/01/25 06:47	1

Method: 8260D - Volatile Organic Compounds by GC/MS (Continued)

Surrogate	MB %Recovery	MB Qualifier	Limits	Prepared	Analyzed	Dil Fac
1,2-Dichloroethane-d4 (Surr)	*119*		*65 - 138*		*10/01/25 06:47*	*1*
4-Bromofluorobenzene	*107*		*71 - 128*		*10/01/25 06:47*	*1*
Dibromofluoromethane (Surr)	*116*		*50 - 150*		*10/01/25 06:47*	*1*
Toluene-d8 (Surr)	*107*		*71 - 126*		*10/01/25 06:47*	*1*

Lab Sample ID: LCS 460-1064953/3
Matrix: Solid
Analysis Batch: 1064953

Client Sample ID: Lab Control Sample
Prep Type: Total/NA

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
1,1,1-Trichloroethane	0.0200	0.0238		mg/Kg		119	78 - 120
1,1,2,2-Tetrachloroethane	0.0200	0.0218		mg/Kg		109	70 - 133
1,1,2-Trichloro-1,2,2-trifluoroethane	0.0200	0.0238		mg/Kg		119	75 - 121
1,1,2-Trichloroethane	0.0200	0.0216		mg/Kg		108	80 - 120
1,1-Dichloroethane	0.0200	0.0231		mg/Kg		115	72 - 120
1,1-Dichloroethene	0.0200	0.0226		mg/Kg		113	76 - 120
1,2,3-Trichlorobenzene	0.0200	0.0232		mg/Kg		116	77 - 137
1,2,4-Trichlorobenzene	0.0200	0.0228		mg/Kg		114	77 - 136
1,2,4-Trimethylbenzene	0.0200	0.0219		mg/Kg		109	75 - 120
1,2-Dibromo-3-Chloropropane	0.0200	0.0216		mg/Kg		108	80 - 124
1,2-Dichlorobenzene	0.0200	0.0215		mg/Kg		108	80 - 120
1,2-Dichloroethane	0.0200	0.0245		mg/Kg		123	70 - 123
1,2-Dichloropropane	0.0200	0.0222		mg/Kg		111	73 - 124
1,3,5-Trimethylbenzene	0.0200	0.0222		mg/Kg		111	70 - 120
1,3-Dichlorobenzene	0.0200	0.0220		mg/Kg		110	80 - 120
1,4-Dichlorobenzene	0.0200	0.0217		mg/Kg		109	80 - 120
2-Butanone (MEK)	0.100	0.117		mg/Kg		117	64 - 128
2-Hexanone	0.100	0.118		mg/Kg		118	75 - 120
4-Methyl-2-pentanone (MIBK)	0.100	0.118		mg/Kg		118	80 - 120
Acetone	0.100	0.112		mg/Kg		112	58 - 122
Benzene	0.0200	0.0217		mg/Kg		108	75 - 120
Bromoform	0.0200	0.0206		mg/Kg		103	61 - 125
Bromomethane	0.0200	0.0161		mg/Kg		81	37 - 150
Carbon disulfide	0.0200	0.0228		mg/Kg		114	57 - 133
Carbon tetrachloride	0.0200	0.0224		mg/Kg		112	66 - 127
Chlorobenzene	0.0200	0.0218		mg/Kg		109	80 - 120
Chlorobromomethane	0.0200	0.0226		mg/Kg		113	76 - 127
Chlorodibromomethane	0.0200	0.0204		mg/Kg		102	72 - 120
Chloroethane	0.0200	0.0229		mg/Kg		115	60 - 123
Chloroform	0.0200	0.0237		mg/Kg		119	79 - 126
Chloromethane	0.0200	0.0200		mg/Kg		100	46 - 122
cis-1,2-Dichloroethene	0.0200	0.0221		mg/Kg		111	80 - 123
cis-1,3-Dichloropropene	0.0200	0.0212		mg/Kg		106	75 - 120
Cyclohexane	0.0200	0.0233		mg/Kg		117	65 - 132
Dichlorobromomethane	0.0200	0.0225		mg/Kg		112	77 - 124
Dichlorodifluoromethane	0.0200	0.0211		mg/Kg		105	45 - 129
Ethylbenzene	0.0200	0.0218		mg/Kg		109	80 - 120
Ethylene Dibromide	0.0200	0.0222		mg/Kg		111	79 - 120
Isopropylbenzene	0.0200	0.0218		mg/Kg		109	74 - 120
Methyl acetate	0.0400	0.0464		mg/Kg		116	57 - 120
Methyl tert-butyl ether	0.0200	0.0226		mg/Kg		113	74 - 125

Method: 8260D - Volatile Organic Compounds by GC/MS (Continued)

Lab Sample ID: LCS 460-1064953/3
Matrix: Solid
Analysis Batch: 1064953

Client Sample ID: Lab Control Sample
Prep Type: Total/NA

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
Methylcyclohexane	0.0200	0.0239		mg/Kg		119	66 - 125
Methylene Chloride	0.0200	0.0230		mg/Kg		115	78 - 120
m-Xylene & p-Xylene	0.0200	0.0221		mg/Kg		111	80 - 120
n-Butylbenzene	0.0200	0.0226		mg/Kg		113	72 - 120
N-Propylbenzene	0.0200	0.0218		mg/Kg		109	68 - 120
o-Xylene	0.0200	0.0218		mg/Kg		109	80 - 120
sec-Butylbenzene	0.0200	0.0225		mg/Kg		112	78 - 120
Styrene	0.0200	0.0223		mg/Kg		112	80 - 120
tert-Butylbenzene	0.0200	0.0227		mg/Kg		114	80 - 120
Tetrachloroethene	0.0200	0.0218		mg/Kg		109	73 - 120
Toluene	0.0200	0.0212		mg/Kg		106	80 - 120
trans-1,2-Dichloroethene	0.0200	0.0232		mg/Kg		116	78 - 120
trans-1,3-Dichloropropene	0.0200	0.0208		mg/Kg		104	77 - 120
Trichloroethene	0.0200	0.0229		mg/Kg		115	80 - 120
Trichlorofluoromethane	0.0200	0.0233		mg/Kg		116	61 - 130
Vinyl chloride	0.0200	0.0242		mg/Kg		121	54 - 122
Xylenes, Total	0.0400	0.0439		mg/Kg		110	80 - 120

Surrogate	*LCS %Recovery*	*LCS Qualifier*	*Limits*
1,2-Dichloroethane-d4 (Surr)	*119*		*65 - 138*
4-Bromofluorobenzene	*103*		*71 - 128*
Dibromofluoromethane (Surr)	*116*		*50 - 150*
Toluene-d8 (Surr)	*110*		*71 - 126*

Lab Sample ID: LCSD 460-1064953/4
Matrix: Solid
Analysis Batch: 1064953

Client Sample ID: Lab Control Sample Dup
Prep Type: Total/NA

Analyte	Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
1,1,1-Trichloroethane	0.0200	0.0228		mg/Kg		114	78 - 120	4	30
1,1,2,2-Tetrachloroethane	0.0200	0.0214		mg/Kg		107	70 - 133	2	30
1,1,2-Trichloro-1,2,2-trifluoroethane	0.0200	0.0237		mg/Kg		119	75 - 121	1	30
1,1,2-Trichloroethane	0.0200	0.0216		mg/Kg		108	80 - 120	0	30
1,1-Dichloroethane	0.0200	0.0230		mg/Kg		115	72 - 120	1	30
1,1-Dichloroethene	0.0200	0.0225		mg/Kg		112	76 - 120	1	30
1,2,3-Trichlorobenzene	0.0200	0.0229		mg/Kg		115	77 - 137	1	30
1,2,4-Trichlorobenzene	0.0200	0.0230		mg/Kg		115	77 - 136	1	30
1,2,4-Trimethylbenzene	0.0200	0.0217		mg/Kg		109	75 - 120	1	30
1,2-Dibromo-3-Chloropropane	0.0200	0.0218		mg/Kg		109	80 - 124	1	30
1,2-Dichlorobenzene	0.0200	0.0215		mg/Kg		107	80 - 120	0	30
1,2-Dichloroethane	0.0200	0.0236		mg/Kg		118	70 - 123	4	30
1,2-Dichloropropane	0.0200	0.0217		mg/Kg		108	73 - 124	3	30
1,3,5-Trimethylbenzene	0.0200	0.0216		mg/Kg		108	70 - 120	3	30
1,3-Dichlorobenzene	0.0200	0.0216		mg/Kg		108	80 - 120	2	30
1,4-Dichlorobenzene	0.0200	0.0216		mg/Kg		108	80 - 120	1	30
2-Butanone (MEK)	0.100	0.114		mg/Kg		114	64 - 128	3	30
2-Hexanone	0.100	0.114		mg/Kg		114	75 - 120	3	30
4-Methyl-2-pentanone (MIBK)	0.100	0.114		mg/Kg		114	80 - 120	3	30

Method: 8260D - Volatile Organic Compounds by GC/MS (Continued)

Lab Sample ID: LCSD 460-1064953/4
Matrix: Solid
Analysis Batch: 1064953

Client Sample ID: Lab Control Sample Dup
Prep Type: Total/NA

Analyte			Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Acetone			0.100	0.108		mg/Kg		108	58 - 122	3	30
Benzene			0.0200	0.0213		mg/Kg		106	75 - 120	2	30
Bromoform			0.0200	0.0197		mg/Kg		98	61 - 125	4	30
Bromomethane			0.0200	0.0156		mg/Kg		78	37 - 150	4	30
Carbon disulfide			0.0200	0.0225		mg/Kg		112	57 - 133	1	30
Carbon tetrachloride			0.0200	0.0222		mg/Kg		111	66 - 127	1	30
Chlorobenzene			0.0200	0.0215		mg/Kg		107	80 - 120	2	30
Chlorobromomethane			0.0200	0.0229		mg/Kg		115	76 - 127	1	30
Chlorodibromomethane			0.0200	0.0201		mg/Kg		100	72 - 120	2	30
Chloroethane			0.0200	0.0220		mg/Kg		110	60 - 123	4	30
Chloroform			0.0200	0.0231		mg/Kg		116	79 - 126	3	30
Chloromethane			0.0200	0.0197		mg/Kg		99	46 - 122	1	30
cis-1,2-Dichloroethene			0.0200	0.0221		mg/Kg		110	80 - 123	0	30
cis-1,3-Dichloropropene			0.0200	0.0208		mg/Kg		104	75 - 120	2	30
Cyclohexane			0.0200	0.0233		mg/Kg		116	65 - 132	0	30
Dichlorobromomethane			0.0200	0.0219		mg/Kg		110	77 - 124	2	30
Dichlorodifluoromethane			0.0200	0.0196		mg/Kg		98	45 - 129	7	30
Ethylbenzene			0.0200	0.0215		mg/Kg		108	80 - 120	1	30
Ethylene Dibromide			0.0200	0.0220		mg/Kg		110	79 - 120	1	30
Isopropylbenzene			0.0200	0.0218		mg/Kg		109	74 - 120	0	30
Methyl acetate			0.0400	0.0448		mg/Kg		112	57 - 120	3	30
Methyl tert-butyl ether			0.0200	0.0223		mg/Kg		111	74 - 125	1	30
Methylcyclohexane			0.0200	0.0234		mg/Kg		117	66 - 125	2	30
Methylene Chloride			0.0200	0.0228		mg/Kg		114	78 - 120	1	30
m-Xylene & p-Xylene			0.0200	0.0218		mg/Kg		109	80 - 120	1	30
n-Butylbenzene			0.0200	0.0227		mg/Kg		113	72 - 120	0	30
N-Propylbenzene			0.0200	0.0215		mg/Kg		108	68 - 120	1	30
o-Xylene			0.0200	0.0215		mg/Kg		107	80 - 120	2	30
sec-Butylbenzene			0.0200	0.0223		mg/Kg		111	78 - 120	1	30
Styrene			0.0200	0.0222		mg/Kg		111	80 - 120	0	30
tert-Butylbenzene			0.0200	0.0229		mg/Kg		114	80 - 120	1	30
Tetrachloroethene			0.0200	0.0220		mg/Kg		110	73 - 120	1	30
Toluene			0.0200	0.0212		mg/Kg		106	80 - 120	0	30
trans-1,2-Dichloroethene			0.0200	0.0226		mg/Kg		113	78 - 120	3	30
trans-1,3-Dichloropropene			0.0200	0.0207		mg/Kg		103	77 - 120	0	30
Trichloroethene			0.0200	0.0229		mg/Kg		115	80 - 120	0	30
Trichlorofluoromethane			0.0200	0.0230		mg/Kg		115	61 - 130	1	30
Vinyl chloride			0.0200	0.0238		mg/Kg		119	54 - 122	2	30
Xylenes, Total			0.0400	0.0433		mg/Kg		108	80 - 120	1	30

Surrogate	*LCSD %Recovery*	*LCSD Qualifier*	*Limits*
1,2-Dichloroethane-d4 (Surr)	*119*		*65 - 138*
4-Bromofluorobenzene	*103*		*71 - 128*
Dibromofluoromethane (Surr)	*115*		*50 - 150*
Toluene-d8 (Surr)	*110*		*71 - 126*

Method: 8270E - Semivolatile Organic Compounds (GC/MS)

Lab Sample ID: MB 460-1064226/1-A
Matrix: Solid
Analysis Batch: 1064338

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 1064226

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1'-Biphenyl	0.33	U	0.33	0.012	mg/Kg		09/27/25 15:54	09/28/25 12:06	1
1,2,4,5-Tetrachlorobenzene	0.33	U	0.33	0.010	mg/Kg		09/27/25 15:54	09/28/25 12:06	1
1,4-Dioxane	0.033	U	0.033	0.029	mg/Kg		09/27/25 15:54	09/28/25 12:06	1
2,2'-oxybis[1-chloropropane]	0.33	U	0.33	0.020	mg/Kg		09/27/25 15:54	09/28/25 12:06	1
2,3,4,6-Tetrachlorophenol	0.33	U	0.33	0.022	mg/Kg		09/27/25 15:54	09/28/25 12:06	1
2,4,5-Trichlorophenol	0.33	U	0.33	0.034	mg/Kg		09/27/25 15:54	09/28/25 12:06	1
2,4,6-Trichlorophenol	0.13	U	0.13	0.042	mg/Kg		09/27/25 15:54	09/28/25 12:06	1
2,4-Dichlorophenol	0.13	U	0.13	0.021	mg/Kg		09/27/25 15:54	09/28/25 12:06	1
2,4-Dimethylphenol	0.33	U	0.33	0.039	mg/Kg		09/27/25 15:54	09/28/25 12:06	1
2,4-Dinitrophenol	0.27	U	0.27	0.16	mg/Kg		09/27/25 15:54	09/28/25 12:06	1
2,4-Dinitrotoluene	0.067	U	0.067	0.036	mg/Kg		09/27/25 15:54	09/28/25 12:06	1
2,6-Dinitrotoluene	0.067	U	0.067	0.024	mg/Kg		09/27/25 15:54	09/28/25 12:06	1
2-Chloronaphthalene	0.33	U	0.33	0.043	mg/Kg		09/27/25 15:54	09/28/25 12:06	1
2-Chlorophenol	0.33	U	0.33	0.012	mg/Kg		09/27/25 15:54	09/28/25 12:06	1
2-Methylnaphthalene	0.33	U	0.33	0.0093	mg/Kg		09/27/25 15:54	09/28/25 12:06	1
2-Methylphenol	0.33	U	0.33	0.012	mg/Kg		09/27/25 15:54	09/28/25 12:06	1
2-Nitroaniline	0.33	U	0.33	0.025	mg/Kg		09/27/25 15:54	09/28/25 12:06	1
2-Nitrophenol	0.33	U	0.33	0.033	mg/Kg		09/27/25 15:54	09/28/25 12:06	1
3 & 4 Methylphenol	0.33	U	0.33	0.021	mg/Kg		09/27/25 15:54	09/28/25 12:06	1
3,3'-Dichlorobenzidine	0.13	U	0.13	0.050	mg/Kg		09/27/25 15:54	09/28/25 12:06	1
3-Nitroaniline	0.33	U	0.33	0.079	mg/Kg		09/27/25 15:54	09/28/25 12:06	1
4,6-Dinitro-2-methylphenol	0.27	U	0.27	0.14	mg/Kg		09/27/25 15:54	09/28/25 12:06	1
4-Bromophenyl phenyl ether	0.33	U	0.33	0.013	mg/Kg		09/27/25 15:54	09/28/25 12:06	1
4-Chloro-3-methylphenol	0.33	U	0.33	0.019	mg/Kg		09/27/25 15:54	09/28/25 12:06	1
4-Chloroaniline	0.33	U	0.33	0.059	mg/Kg		09/27/25 15:54	09/28/25 12:06	1
4-Chlorophenyl phenyl ether	0.33	U	0.33	0.012	mg/Kg		09/27/25 15:54	09/28/25 12:06	1
4-Methylphenol	0.33	U	0.33	0.021	mg/Kg		09/27/25 15:54	09/28/25 12:06	1
4-Nitroaniline	0.33	U	0.33	0.084	mg/Kg		09/27/25 15:54	09/28/25 12:06	1
4-Nitrophenol	0.67	U	0.67	0.054	mg/Kg		09/27/25 15:54	09/28/25 12:06	1
Acenaphthene	0.33	U	0.33	0.0094	mg/Kg		09/27/25 15:54	09/28/25 12:06	1
Acenaphthylene	0.33	U	0.33	0.0095	mg/Kg		09/27/25 15:54	09/28/25 12:06	1
Acetophenone	0.33	U	0.33	0.016	mg/Kg		09/27/25 15:54	09/28/25 12:06	1
Anthracene	0.33	U	0.33	0.010	mg/Kg		09/27/25 15:54	09/28/25 12:06	1
Atrazine	0.13	U	0.13	0.019	mg/Kg		09/27/25 15:54	09/28/25 12:06	1
Benzaldehyde	0.33	U	0.33	0.055	mg/Kg		09/27/25 15:54	09/28/25 12:06	1
Benzo[a]anthracene	0.033	U	0.033	0.025	mg/Kg		09/27/25 15:54	09/28/25 12:06	1
Benzo[a]pyrene	0.033	U	0.033	0.0088	mg/Kg		09/27/25 15:54	09/28/25 12:06	1
Benzo[b]fluoranthene	0.033	U	0.033	0.0086	mg/Kg		09/27/25 15:54	09/28/25 12:06	1
Benzo[g,h,i]perylene	0.33	U	0.33	0.0098	mg/Kg		09/27/25 15:54	09/28/25 12:06	1
Benzo[k]fluoranthene	0.033	U	0.033	0.0065	mg/Kg		09/27/25 15:54	09/28/25 12:06	1
Bis(2-chloroethoxy)methane	0.33	U	0.33	0.061	mg/Kg		09/27/25 15:54	09/28/25 12:06	1
Bis(2-chloroethyl)ether	0.033	U	0.033	0.012	mg/Kg		09/27/25 15:54	09/28/25 12:06	1
Bis(2-ethylhexyl) phthalate	0.33	U	0.33	0.017	mg/Kg		09/27/25 15:54	09/28/25 12:06	1
Butyl benzyl phthalate	0.33	U	0.33	0.016	mg/Kg		09/27/25 15:54	09/28/25 12:06	1
Caprolactam	0.33	U	0.33	0.051	mg/Kg		09/27/25 15:54	09/28/25 12:06	1
Carbazole	0.33	U	0.33	0.013	mg/Kg		09/27/25 15:54	09/28/25 12:06	1
Chrysene	0.33	U	0.33	0.014	mg/Kg		09/27/25 15:54	09/28/25 12:06	1
Dibenz(a,h)anthracene	0.033	U	0.033	0.014	mg/Kg		09/27/25 15:54	09/28/25 12:06	1

Method: 8270E - Semivolatile Organic Compounds (GC/MS) (Continued)

Lab Sample ID: MB 460-1064226/1-A
Matrix: Solid
Analysis Batch: 1064338

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 1064226

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Dibenzofuran	0.33	U	0.33	0.011	mg/Kg		09/27/25 15:54	09/28/25 12:06	1
Diethyl phthalate	0.33	U	0.33	0.011	mg/Kg		09/27/25 15:54	09/28/25 12:06	1
Dimethyl phthalate	0.33	U	0.33	0.075	mg/Kg		09/27/25 15:54	09/28/25 12:06	1
Di-n-butyl phthalate	0.33	U	0.33	0.012	mg/Kg		09/27/25 15:54	09/28/25 12:06	1
Di-n-octyl phthalate	0.33	U	0.33	0.018	mg/Kg		09/27/25 15:54	09/28/25 12:06	1
Fluoranthene	0.33	U	0.33	0.012	mg/Kg		09/27/25 15:54	09/28/25 12:06	1
Fluorene	0.33	U	0.33	0.0097	mg/Kg		09/27/25 15:54	09/28/25 12:06	1
Hexachlorobenzene	0.033	U	0.033	0.016	mg/Kg		09/27/25 15:54	09/28/25 12:06	1
Hexachlorobutadiene	0.067	U	0.067	0.0070	mg/Kg		09/27/25 15:54	09/28/25 12:06	1
Hexachlorocyclopentadiene	0.33	U	0.33	0.029	mg/Kg		09/27/25 15:54	09/28/25 12:06	1
Hexachloroethane	0.033	U	0.033	0.011	mg/Kg		09/27/25 15:54	09/28/25 12:06	1
Indeno[1,2,3-cd]pyrene	0.033	U	0.033	0.013	mg/Kg		09/27/25 15:54	09/28/25 12:06	1
Isophorone	0.13	U	0.13	0.096	mg/Kg		09/27/25 15:54	09/28/25 12:06	1
Naphthalene	0.33	U	0.33	0.0057	mg/Kg		09/27/25 15:54	09/28/25 12:06	1
Nitrobenzene	0.033	U	0.033	0.018	mg/Kg		09/27/25 15:54	09/28/25 12:06	1
N-Nitrosodi-n-propylamine	0.033	U	0.033	0.024	mg/Kg		09/27/25 15:54	09/28/25 12:06	1
N-Nitrosodiphenylamine	0.33	U	0.33	0.027	mg/Kg		09/27/25 15:54	09/28/25 12:06	1
Pentachlorophenol	0.27	U	0.27	0.068	mg/Kg		09/27/25 15:54	09/28/25 12:06	1
Phenanthrene	0.33	U	0.33	0.014	mg/Kg		09/27/25 15:54	09/28/25 12:06	1
Phenol	0.33	U	0.33	0.012	mg/Kg		09/27/25 15:54	09/28/25 12:06	1
Pyrene	0.33	U	0.33	0.0082	mg/Kg		09/27/25 15:54	09/28/25 12:06	1

Surrogate	*MB %Recovery*	*MB Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
2,4,6-Tribromophenol (Surr)	*65*		*18 - 137*	*09/27/25 15:54*	*09/28/25 12:06*	*1*
2-Fluorobiphenyl	*64*		*33 - 117*	*09/27/25 15:54*	*09/28/25 12:06*	*1*
2-Fluorophenol (Surr)	*72*		*24 - 120*	*09/27/25 15:54*	*09/28/25 12:06*	*1*
Nitrobenzene-d5 (Surr)	*70*		*27 - 120*	*09/27/25 15:54*	*09/28/25 12:06*	*1*
Phenol-d5 (Surr)	*68*		*28 - 118*	*09/27/25 15:54*	*09/28/25 12:06*	*1*
Terphenyl-d14 (Surr)	*66*		*33 - 124*	*09/27/25 15:54*	*09/28/25 12:06*	*1*

Lab Sample ID: LCS 460-1064226/2-A
Matrix: Solid
Analysis Batch: 1064338

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 1064226

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
1,1'-Biphenyl	3.33	2.87		mg/Kg		86	64 - 120
1,2,4,5-Tetrachlorobenzene	3.33	2.93		mg/Kg		88	60 - 120
1,4-Dioxane	3.33	2.27		mg/Kg		68	31 - 105
2,2'-oxybis[1-chloropropane]	3.33	3.05		mg/Kg		91	50 - 126
2,3,4,6-Tetrachlorophenol	3.33	3.12		mg/Kg		94	62 - 120
2,4,5-Trichlorophenol	3.33	3.04		mg/Kg		91	64 - 120
2,4,6-Trichlorophenol	3.33	3.06		mg/Kg		92	65 - 120
2,4-Dichlorophenol	3.33	3.22		mg/Kg		97	66 - 120
2,4-Dimethylphenol	3.33	3.20		mg/Kg		96	75 - 136
2,4-Dinitrophenol	6.67	6.55		mg/Kg		98	41 - 120
2,4-Dinitrotoluene	3.33	3.30		mg/Kg		99	65 - 124
2,6-Dinitrotoluene	3.33	3.26		mg/Kg		98	67 - 121
2-Chloronaphthalene	3.33	2.95		mg/Kg		88	64 - 120

Method: 8270E - Semivolatile Organic Compounds (GC/MS) (Continued)

Lab Sample ID: LCS 460-1064226/2-A
Matrix: Solid
Analysis Batch: 1064338

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 1064226

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
2-Chlorophenol	3.33	3.22		mg/Kg		96	63 - 120
2-Methylnaphthalene	3.33	3.24		mg/Kg		97	56 - 102
2-Methylphenol	3.33	3.18		mg/Kg		95	63 - 120
2-Nitroaniline	3.33	2.94		mg/Kg		88	52 - 120
2-Nitrophenol	3.33	3.34		mg/Kg		100	64 - 120
3 & 4 Methylphenol	3.33	3.18		mg/Kg		95	61 - 120
3,3'-Dichlorobenzidine	3.33	2.48		mg/Kg		74	10 - 106
3-Nitroaniline	3.33	2.50		mg/Kg		75	18 - 105
4,6-Dinitro-2-methylphenol	6.67	7.86		mg/Kg		118	61 - 127
4-Bromophenyl phenyl ether	3.33	3.19		mg/Kg		96	64 - 120
4-Chloro-3-methylphenol	3.33	3.23		mg/Kg		97	68 - 120
4-Chloroaniline	3.33	2.10		mg/Kg		63	10 - 107
4-Chlorophenyl phenyl ether	3.33	2.95		mg/Kg		89	62 - 120
4-Methylphenol	3.33	3.18		mg/Kg		95	61 - 120
4-Nitroaniline	3.33	3.04		mg/Kg		91	51 - 112
4-Nitrophenol	6.67	6.00		mg/Kg		90	52 - 122
Acenaphthene	3.33	2.95		mg/Kg		88	65 - 120
Acenaphthylene	3.33	3.07		mg/Kg		92	68 - 120
Acetophenone	3.33	3.15		mg/Kg		95	61 - 111
Anthracene	3.33	3.15		mg/Kg		94	67 - 120
Atrazine	1.33	2.05	*	mg/Kg		154	52 - 150
Benzaldehyde	1.33	1.83		mg/Kg		137	45 - 150
Benzo[a]anthracene	3.33	3.25		mg/Kg		97	66 - 120
Benzo[a]pyrene	3.33	3.41		mg/Kg		102	69 - 123
Benzo[b]fluoranthene	3.33	3.25		mg/Kg		98	66 - 125
Benzo[g,h,i]perylene	3.33	3.10		mg/Kg		93	66 - 138
Benzo[k]fluoranthene	3.33	3.27		mg/Kg		98	67 - 122
Bis(2-chloroethoxy)methane	3.33	3.14		mg/Kg		94	62 - 120
Bis(2-chloroethyl)ether	3.33	3.14		mg/Kg		94	60 - 120
Bis(2-ethylhexyl) phthalate	3.33	3.45		mg/Kg		103	64 - 125
Butyl benzyl phthalate	3.33	3.58		mg/Kg		107	62 - 127
Caprolactam	1.33	2.03	*	mg/Kg		152	46 - 150
Carbazole	3.33	3.20		mg/Kg		96	64 - 120
Chrysene	3.33	3.23		mg/Kg		97	67 - 120
Dibenz(a,h)anthracene	3.33	3.44		mg/Kg		103	66 - 128
Dibenzofuran	3.33	2.93		mg/Kg		88	61 - 120
Diethyl phthalate	3.33	3.08		mg/Kg		92	63 - 120
Dimethyl phthalate	3.33	3.04		mg/Kg		91	65 - 120
Di-n-butyl phthalate	3.33	3.59		mg/Kg		108	61 - 120
Di-n-octyl phthalate	3.33	3.57		mg/Kg		107	61 - 123
Fluoranthene	3.33	3.27		mg/Kg		98	61 - 120
Fluorene	3.33	2.99		mg/Kg		90	64 - 120
Hexachlorobenzene	3.33	3.13		mg/Kg		94	66 - 120
Hexachlorobutadiene	3.33	3.18		mg/Kg		95	62 - 120
Hexachlorocyclopentadiene	3.33	2.03		mg/Kg		61	32 - 150
Hexachloroethane	3.33	3.10		mg/Kg		93	61 - 112
Indeno[1,2,3-cd]pyrene	3.33	3.05		mg/Kg		92	63 - 137
Isophorone	3.33	3.17		mg/Kg		95	61 - 120
Naphthalene	3.33	3.12		mg/Kg		93	63 - 113

Method: 8270E - Semivolatile Organic Compounds (GC/MS) (Continued)

Lab Sample ID: LCS 460-1064226/2-A
Matrix: Solid
Analysis Batch: 1064338

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 1064226

Analyte			Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits		
Nitrobenzene			3.33	3.24		mg/Kg		97	63 - 120		
N-Nitrosodi-n-propylamine			3.33	3.13		mg/Kg		94	60 - 120		
N-Nitrosodiphenylamine			3.33	3.16		mg/Kg		95	63 - 120		
Pentachlorophenol			6.67	6.76		mg/Kg		101	61 - 126		
Phenanthrene			3.33	3.17		mg/Kg		95	66 - 120		
Phenol			3.33	3.23		mg/Kg		97	63 - 120		
Pyrene			3.33	3.21		mg/Kg		96	61 - 121		

Surrogate	*LCS %Recovery*	*LCS Qualifier*	*Limits*
2,4,6-Tribromophenol (Surr)	*72*		*18 - 137*
2-Fluorobiphenyl	*68*		*33 - 117*
2-Fluorophenol (Surr)	*75*		*24 - 120*
Nitrobenzene-d5 (Surr)	*72*		*27 - 120*
Phenol-d5 (Surr)	*74*		*28 - 118*
Terphenyl-d14 (Surr)	*69*		*33 - 124*

Lab Sample ID: LCSD 460-1064226/3-A
Matrix: Solid
Analysis Batch: 1064338

Client Sample ID: Lab Control Sample Dup
Prep Type: Total/NA
Prep Batch: 1064226

Analyte			Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
1,1'-Biphenyl			3.33	2.73		mg/Kg		82	64 - 120	5	30
1,2,4,5-Tetrachlorobenzene			3.33	2.75		mg/Kg		82	60 - 120	6	30
1,4-Dioxane			3.33	2.08		mg/Kg		62	31 - 105	8	30
2,2'-oxybis[1-chloropropane]			3.33	2.79		mg/Kg		84	50 - 126	9	30
2,3,4,6-Tetrachlorophenol			3.33	3.02		mg/Kg		91	62 - 120	3	30
2,4,5-Trichlorophenol			3.33	2.95		mg/Kg		88	64 - 120	3	30
2,4,6-Trichlorophenol			3.33	2.88		mg/Kg		86	65 - 120	6	30
2,4-Dichlorophenol			3.33	2.96		mg/Kg		89	66 - 120	8	30
2,4-Dimethylphenol			3.33	2.91		mg/Kg		87	75 - 136	10	30
2,4-Dinitrophenol			6.67	6.52		mg/Kg		98	41 - 120	1	30
2,4-Dinitrotoluene			3.33	3.24		mg/Kg		97	65 - 124	2	30
2,6-Dinitrotoluene			3.33	3.12		mg/Kg		94	67 - 121	4	30
2-Chloronaphthalene			3.33	2.75		mg/Kg		82	64 - 120	7	30
2-Chlorophenol			3.33	2.97		mg/Kg		89	63 - 120	8	30
2-Methylnaphthalene			3.33	2.97		mg/Kg		89	56 - 102	9	30
2-Methylphenol			3.33	2.92		mg/Kg		88	63 - 120	8	30
2-Nitroaniline			3.33	2.76		mg/Kg		83	52 - 120	7	30
2-Nitrophenol			3.33	3.08		mg/Kg		93	64 - 120	8	30
3 & 4 Methylphenol			3.33	2.93		mg/Kg		88	61 - 120	8	30
3,3'-Dichlorobenzidine			3.33	2.62		mg/Kg		79	10 - 106	5	30
3-Nitroaniline			3.33	2.54		mg/Kg		76	18 - 105	2	30
4,6-Dinitro-2-methylphenol			6.67	7.30		mg/Kg		110	61 - 127	7	30
4-Bromophenyl phenyl ether			3.33	3.06		mg/Kg		92	64 - 120	4	30
4-Chloro-3-methylphenol			3.33	2.98		mg/Kg		89	68 - 120	8	30
4-Chloroaniline			3.33	2.15		mg/Kg		64	10 - 107	2	30
4-Chlorophenyl phenyl ether			3.33	2.83		mg/Kg		85	62 - 120	4	30
4-Methylphenol			3.33	2.93		mg/Kg		88	61 - 120	8	30

Method: 8270E - Semivolatile Organic Compounds (GC/MS) (Continued)

Lab Sample ID: LCSD 460-1064226/3-A
Matrix: Solid
Analysis Batch: 1064338

Client Sample ID: Lab Control Sample Dup
Prep Type: Total/NA
Prep Batch: 1064226

Analyte			Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
4-Nitroaniline			3.33	2.94		mg/Kg		88	51 - 112	4	30
4-Nitrophenol			6.67	5.93		mg/Kg		89	52 - 122	1	30
Acenaphthene			3.33	2.77		mg/Kg		83	65 - 120	6	30
Acenaphthylene			3.33	2.91		mg/Kg		87	68 - 120	6	30
Acetophenone			3.33	2.91		mg/Kg		87	61 - 111	8	30
Anthracene			3.33	3.03		mg/Kg		91	67 - 120	4	30
Atrazine			1.33	1.63		mg/Kg		122	52 - 150	23	30
Benzaldehyde			1.33	1.43		mg/Kg		107	45 - 150	24	30
Benzo[a]anthracene			3.33	3.17		mg/Kg		95	66 - 120	3	30
Benzo[a]pyrene			3.33	3.29		mg/Kg		99	69 - 123	3	30
Benzo[b]fluoranthene			3.33	3.23		mg/Kg		97	66 - 125	1	30
Benzo[g,h,i]perylene			3.33	3.01		mg/Kg		90	66 - 138	3	30
Benzo[k]fluoranthene			3.33	3.11		mg/Kg		93	67 - 122	5	30
Bis(2-chloroethoxy)methane			3.33	2.89		mg/Kg		87	62 - 120	9	30
Bis(2-chloroethyl)ether			3.33	2.93		mg/Kg		88	60 - 120	7	30
Bis(2-ethylhexyl) phthalate			3.33	3.29		mg/Kg		99	64 - 125	5	30
Butyl benzyl phthalate			3.33	3.44		mg/Kg		103	62 - 127	4	30
Caprolactam			1.33	1.63		mg/Kg		123	46 - 150	22	30
Carbazole			3.33	3.07		mg/Kg		92	64 - 120	4	30
Chrysene			3.33	3.09		mg/Kg		93	67 - 120	4	30
Dibenz(a,h)anthracene			3.33	3.32		mg/Kg		100	66 - 128	3	30
Dibenzofuran			3.33	2.81		mg/Kg		84	61 - 120	4	30
Diethyl phthalate			3.33	2.97		mg/Kg		89	63 - 120	4	30
Dimethyl phthalate			3.33	2.91		mg/Kg		87	65 - 120	4	30
Di-n-butyl phthalate			3.33	3.53		mg/Kg		106	61 - 120	2	30
Di-n-octyl phthalate			3.33	3.45		mg/Kg		103	61 - 123	4	30
Fluoranthene			3.33	3.15		mg/Kg		94	61 - 120	4	30
Fluorene			3.33	2.84		mg/Kg		85	64 - 120	5	30
Hexachlorobenzene			3.33	2.99		mg/Kg		90	66 - 120	5	30
Hexachlorobutadiene			3.33	2.88		mg/Kg		86	62 - 120	10	30
Hexachlorocyclopentadiene			3.33	1.89		mg/Kg		57	32 - 150	7	30
Hexachloroethane			3.33	2.83		mg/Kg		85	61 - 112	9	30
Indeno[1,2,3-cd]pyrene			3.33	2.99		mg/Kg		90	63 - 137	2	30
Isophorone			3.33	2.90		mg/Kg		87	61 - 120	9	30
Naphthalene			3.33	2.83		mg/Kg		85	63 - 113	10	30
Nitrobenzene			3.33	3.02		mg/Kg		91	63 - 120	7	30
N-Nitrosodi-n-propylamine			3.33	2.93		mg/Kg		88	60 - 120	6	30
N-Nitrosodiphenylamine			3.33	3.06		mg/Kg		92	63 - 120	3	30
Pentachlorophenol			6.67	6.52		mg/Kg		98	61 - 126	4	30
Phenanthrene			3.33	3.08		mg/Kg		92	66 - 120	3	30
Phenol			3.33	2.92		mg/Kg		88	63 - 120	10	30
Pyrene			3.33	3.13		mg/Kg		94	61 - 121	3	30

Surrogate	*LCSD %Recovery*	*LCSD Qualifier*	*Limits*
2,4,6-Tribromophenol (Surr)	*72*		*18 - 137*
2-Fluorobiphenyl	*65*		*33 - 117*
2-Fluorophenol (Surr)	*72*		*24 - 120*
Nitrobenzene-d5 (Surr)	*68*		*27 - 120*

Method: 8270E - Semivolatile Organic Compounds (GC/MS) (Continued)

Lab Sample ID: LCSD 460-1064226/3-A
Matrix: Solid
Analysis Batch: 1064338

Client Sample ID: Lab Control Sample Dup
Prep Type: Total/NA
Prep Batch: 1064226

Surrogate	*LCSD %Recovery*	*LCSD Qualifier*	*Limits*
Phenol-d5 (Surr)	*69*		*28 - 118*
Terphenyl-d14 (Surr)	*68*		*33 - 124*

Lab Sample ID: 460-335747-1 MS
Matrix: Solid
Analysis Batch: 1064338

Client Sample ID: 53A_0-5
Prep Type: Total/NA
Prep Batch: 1064226

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec Limits
1,1'-Biphenyl	0.36	U	3.60	3.02		mg/Kg	☼	84	64 - 120
1,2,4,5-Tetrachlorobenzene	0.36	U	3.60	2.99		mg/Kg	☼	83	60 - 120
1,4-Dioxane	0.036	U	3.60	2.30		mg/Kg	☼	64	31 - 105
2,2'-oxybis[1-chloropropane]	0.36	U	3.60	2.79		mg/Kg	☼	77	50 - 126
2,3,4,6-Tetrachlorophenol	0.36	U	3.60	3.25		mg/Kg	☼	90	62 - 120
2,4,5-Trichlorophenol	0.36	U	3.60	3.10		mg/Kg	☼	86	64 - 120
2,4,6-Trichlorophenol	0.14	U	3.60	3.11		mg/Kg	☼	86	65 - 120
2,4-Dichlorophenol	0.14	U	3.60	3.15		mg/Kg	☼	87	66 - 120
2,4-Dimethylphenol	0.36	U	3.60	3.14		mg/Kg	☼	87	75 - 136
2,4-Dinitrophenol	0.29	U	7.21	6.33		mg/Kg	☼	88	41 - 120
2,4-Dinitrotoluene	0.072	U	3.60	3.45		mg/Kg	☼	96	65 - 124
2,6-Dinitrotoluene	0.072	U	3.60	3.31		mg/Kg	☼	92	67 - 121
2-Chloronaphthalene	0.36	U	3.60	2.98		mg/Kg	☼	83	64 - 120
2-Chlorophenol	0.36	U	3.60	3.03		mg/Kg	☼	84	63 - 120
2-Methylnaphthalene	0.36	U	3.60	3.23		mg/Kg	☼	90	56 - 102
2-Methylphenol	0.36	U	3.60	3.02		mg/Kg	☼	84	63 - 120
2-Nitroaniline	0.36	U	3.60	2.88		mg/Kg	☼	80	52 - 120
2-Nitrophenol	0.36	U	3.60	3.20		mg/Kg	☼	89	64 - 120
3 & 4 Methylphenol	0.36	U	3.60	3.05		mg/Kg	☼	85	61 - 120
3,3'-Dichlorobenzidine	0.14	U	3.60	2.62		mg/Kg	☼	73	10 - 106
3-Nitroaniline	0.36	U	3.60	2.62		mg/Kg	☼	73	18 - 105
4,6-Dinitro-2-methylphenol	0.29	U	7.21	7.69		mg/Kg	☼	107	61 - 127
4-Bromophenyl phenyl ether	0.36	U	3.60	3.32		mg/Kg	☼	92	64 - 120
4-Chloro-3-methylphenol	0.36	U	3.60	3.16		mg/Kg	☼	88	68 - 120
4-Chloroaniline	0.36	U	3.60	2.23		mg/Kg	☼	62	10 - 107
4-Chlorophenyl phenyl ether	0.36	U	3.60	3.12		mg/Kg	☼	87	62 - 120
4-Methylphenol	0.36	U	3.60	3.05		mg/Kg	☼	85	61 - 120
4-Nitroaniline	0.36	U	3.60	3.11		mg/Kg	☼	86	51 - 112
4-Nitrophenol	0.72	U	7.21	6.10		mg/Kg	☼	85	52 - 122
Acenaphthene	0.36	U	3.60	3.04		mg/Kg	☼	84	65 - 120
Acenaphthylene	0.36	U	3.60	3.15		mg/Kg	☼	87	68 - 120
Acetophenone	0.36	U	3.60	2.97		mg/Kg	☼	83	61 - 111
Anthracene	0.36	U	3.60	3.36		mg/Kg	☼	93	67 - 120
Atrazine	0.14	U *	1.44	1.70		mg/Kg	☼	118	52 - 150
Benzaldehyde	0.36	U	1.44	1.43	E	mg/Kg	☼	99	45 - 150
Benzo[a]anthracene	0.036	U	3.60	3.37		mg/Kg	☼	94	66 - 120
Benzo[a]pyrene	0.036	U	3.60	3.58		mg/Kg	☼	99	69 - 123
Benzo[b]fluoranthene	0.036	U	3.60	3.28		mg/Kg	☼	91	66 - 125
Benzo[g,h,i]perylene	0.36	U	3.60	3.34		mg/Kg	☼	93	66 - 138
Benzo[k]fluoranthene	0.036	U	3.60	3.62		mg/Kg	☼	100	67 - 122

Method: 8270E - Semivolatile Organic Compounds (GC/MS) (Continued)

Lab Sample ID: 460-335747-1 MS
Matrix: Solid
Analysis Batch: 1064338

Client Sample ID: 53A_0-5
Prep Type: Total/NA
Prep Batch: 1064226

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec Limits
Bis(2-chloroethoxy)methane	0.36	U	3.60	3.07		mg/Kg	☼	85	62 - 120
Bis(2-chloroethyl)ether	0.036	U	3.60	2.97		mg/Kg	☼	83	60 - 120
Bis(2-ethylhexyl) phthalate	0.36	U	3.60	3.55		mg/Kg	☼	99	64 - 125
Butyl benzyl phthalate	0.36	U	3.60	3.69		mg/Kg	☼	102	62 - 127
Caprolactam	0.36	U *	1.44	1.55		mg/Kg	☼	107	46 - 150
Carbazole	0.36	U	3.60	3.39		mg/Kg	☼	94	64 - 120
Chrysene	0.36	U	3.60	3.46		mg/Kg	☼	96	67 - 120
Dibenz(a,h)anthracene	0.036	U	3.60	3.65		mg/Kg	☼	101	66 - 128
Dibenzofuran	0.36	U	3.60	3.05		mg/Kg	☼	85	61 - 120
Diethyl phthalate	0.36	U	3.60	3.23		mg/Kg	☼	90	63 - 120
Dimethyl phthalate	0.36	U	3.60	3.25		mg/Kg	☼	90	65 - 120
Di-n-butyl phthalate	0.36	U	3.60	3.84		mg/Kg	☼	107	61 - 120
Di-n-octyl phthalate	0.36	U	3.60	3.70		mg/Kg	☼	103	61 - 123
Fluoranthene	0.36	U	3.60	3.39		mg/Kg	☼	94	61 - 120
Fluorene	0.36	U	3.60	3.09		mg/Kg	☼	86	64 - 120
Hexachlorobenzene	0.036	U	3.60	3.33		mg/Kg	☼	92	66 - 120
Hexachlorobutadiene	0.072	U	3.60	3.11		mg/Kg	☼	86	62 - 120
Hexachlorocyclopentadiene	0.36	U	3.60	1.95		mg/Kg	☼	54	32 - 150
Hexachloroethane	0.036	U	3.60	2.95		mg/Kg	☼	82	61 - 112
Indeno[1,2,3-cd]pyrene	0.036	U	3.60	3.13		mg/Kg	☼	87	63 - 137
Isophorone	0.14	U	3.60	3.10		mg/Kg	☼	86	61 - 120
Naphthalene	0.36	U	3.60	3.03		mg/Kg	☼	84	63 - 113
Nitrobenzene	0.036	U	3.60	3.08		mg/Kg	☼	86	63 - 120
N-Nitrosodi-n-propylamine	0.036	U	3.60	2.94		mg/Kg	☼	82	60 - 120
N-Nitrosodiphenylamine	0.36	U	3.60	3.33		mg/Kg	☼	92	63 - 120
Pentachlorophenol	0.29	U	7.21	6.90		mg/Kg	☼	96	61 - 126
Phenanthrene	0.36	U	3.60	3.37		mg/Kg	☼	93	66 - 120
Phenol	0.36	U	3.60	2.93		mg/Kg	☼	81	63 - 120
Pyrene	0.36	U	3.60	3.44		mg/Kg	☼	95	61 - 121

Surrogate	*MS %Recovery*	*MS Qualifier*	*Limits*
2,4,6-Tribromophenol (Surr)	*77*		*18 - 137*
2-Fluorobiphenyl	*72*		*33 - 117*
2-Fluorophenol (Surr)	*73*		*24 - 120*
Nitrobenzene-d5 (Surr)	*73*		*27 - 120*
Phenol-d5 (Surr)	*71*		*28 - 118*
Terphenyl-d14 (Surr)	*77*		*33 - 124*

Lab Sample ID: 460-335747-1 MSD
Matrix: Solid
Analysis Batch: 1064338

Client Sample ID: 53A_0-5
Prep Type: Total/NA
Prep Batch: 1064226

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
1,1'-Biphenyl	0.36	U	3.58	2.30		mg/Kg	☼	64	64 - 120	27	30
1,2,4,5-Tetrachlorobenzene	0.36	U	3.58	2.25		mg/Kg	☼	63	60 - 120	29	30
1,4-Dioxane	0.036	U	3.58	1.80		mg/Kg	☼	50	31 - 105	24	30
2,2'-oxybis[1-chloropropane]	0.36	U	3.58	2.16		mg/Kg	☼	60	50 - 126	26	30
2,3,4,6-Tetrachlorophenol	0.36	U	3.58	2.52		mg/Kg	☼	70	62 - 120	25	30

Method: 8270E - Semivolatile Organic Compounds (GC/MS) (Continued)

Lab Sample ID: 460-335747-1 MSD
Matrix: Solid
Analysis Batch: 1064338

Client Sample ID: 53A_0-5
Prep Type: Total/NA
Prep Batch: 1064226

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
2,4,5-Trichlorophenol	0.36	U	3.58	2.42		mg/Kg	☼	68	64 - 120	25	30
2,4,6-Trichlorophenol	0.14	U	3.58	2.37		mg/Kg	☼	66	65 - 120	27	30
2,4-Dichlorophenol	0.14	U	3.58	2.41		mg/Kg	☼	67	66 - 120	27	30
2,4-Dimethylphenol	0.36	U	3.58	2.39	*	mg/Kg	☼	67	75 - 136	27	30
2,4-Dinitrophenol	0.29	U	7.16	5.01		mg/Kg	☼	70	41 - 120	23	30
2,4-Dinitrotoluene	0.072	U	3.58	2.69		mg/Kg	☼	75	65 - 124	25	30
2,6-Dinitrotoluene	0.072	U	3.58	2.59		mg/Kg	☼	72	67 - 121	24	30
2-Chloronaphthalene	0.36	U	3.58	2.28		mg/Kg	☼	64	64 - 120	27	30
2-Chlorophenol	0.36	U	3.58	2.29		mg/Kg	☼	64	63 - 120	28	30
2-Methylnaphthalene	0.36	U	3.58	2.45		mg/Kg	☼	69	56 - 102	27	30
2-Methylphenol	0.36	U	3.58	2.32		mg/Kg	☼	65	63 - 120	26	30
2-Nitroaniline	0.36	U	3.58	2.27		mg/Kg	☼	63	52 - 120	24	30
2-Nitrophenol	0.36	U	3.58	2.46		mg/Kg	☼	69	64 - 120	26	30
3 & 4 Methylphenol	0.36	U	3.58	2.32		mg/Kg	☼	65	61 - 120	27	30
3,3'-Dichlorobenzidine	0.14	U	3.58	1.89	*	mg/Kg	☼	53	10 - 106	32	30
3-Nitroaniline	0.36	U	3.58	1.96		mg/Kg	☼	55	18 - 105	29	30
4,6-Dinitro-2-methylphenol	0.29	U	7.16	6.01		mg/Kg	☼	84	61 - 127	25	30
4-Bromophenyl phenyl ether	0.36	U	3.58	2.62		mg/Kg	☼	73	64 - 120	24	30
4-Chloro-3-methylphenol	0.36	U	3.58	2.52		mg/Kg	☼	70	68 - 120	23	30
4-Chloroaniline	0.36	U	3.58	1.54	*	mg/Kg	☼	43	10 - 107	37	30
4-Chlorophenyl phenyl ether	0.36	U	3.58	2.40		mg/Kg	☼	67	62 - 120	26	30
4-Methylphenol	0.36	U	3.58	2.32		mg/Kg	☼	65	61 - 120	27	30
4-Nitroaniline	0.36	U	3.58	2.42		mg/Kg	☼	68	51 - 112	25	30
4-Nitrophenol	0.72	U	7.16	4.61		mg/Kg	☼	64	52 - 122	28	30
Acenaphthene	0.36	U	3.58	2.37		mg/Kg	☼	66	65 - 120	25	30
Acenaphthylene	0.36	U	3.58	2.41	*	mg/Kg	☼	67	68 - 120	27	30
Acetophenone	0.36	U	3.58	2.29		mg/Kg	☼	64	61 - 111	26	30
Anthracene	0.36	U	3.58	2.66		mg/Kg	☼	74	67 - 120	23	30
Atrazine	0.14	U *	1.43	1.34		mg/Kg	☼	93	52 - 150	24	30
Benzaldehyde	0.36	U	1.43	1.14		mg/Kg	☼	80	45 - 150	23	30
Benzo[a]anthracene	0.036	U	3.58	2.60		mg/Kg	☼	73	66 - 120	26	30
Benzo[a]pyrene	0.036	U	3.58	2.71		mg/Kg	☼	76	69 - 123	28	30
Benzo[b]fluoranthene	0.036	U	3.58	2.59		mg/Kg	☼	72	66 - 125	23	30
Benzo[g,h,i]perylene	0.36	U	3.58	2.55		mg/Kg	☼	71	66 - 138	27	30
Benzo[k]fluoranthene	0.036	U	3.58	2.67		mg/Kg	☼	75	67 - 122	30	30
Bis(2-chloroethoxy)methane	0.36	U	3.58	2.34		mg/Kg	☼	65	62 - 120	27	30
Bis(2-chloroethyl)ether	0.036	U	3.58	2.28		mg/Kg	☼	64	60 - 120	26	30
Bis(2-ethylhexyl) phthalate	0.36	U	3.58	2.74		mg/Kg	☼	77	64 - 125	26	30
Butyl benzyl phthalate	0.36	U	3.58	2.86		mg/Kg	☼	80	62 - 127	25	30
Caprolactam	0.36	U *	1.43	1.21		mg/Kg	☼	85	46 - 150	24	30
Carbazole	0.36	U	3.58	2.67		mg/Kg	☼	75	64 - 120	24	30
Chrysene	0.36	U	3.58	2.56		mg/Kg	☼	71	67 - 120	30	30
Dibenz(a,h)anthracene	0.036	U	3.58	2.80		mg/Kg	☼	78	66 - 128	26	30
Dibenzofuran	0.36	U	3.58	2.40		mg/Kg	☼	67	61 - 120	24	30
Diethyl phthalate	0.36	U	3.58	2.52		mg/Kg	☼	70	63 - 120	25	30
Dimethyl phthalate	0.36	U	3.58	2.49		mg/Kg	☼	70	65 - 120	27	30
Di-n-butyl phthalate	0.36	U	3.58	2.94		mg/Kg	☼	82	61 - 120	26	30
Di-n-octyl phthalate	0.36	U	3.58	2.83		mg/Kg	☼	79	61 - 123	26	30
Fluoranthene	0.36	U	3.58	2.65		mg/Kg	☼	74	61 - 120	24	30

Method: 8270E - Semivolatile Organic Compounds (GC/MS) (Continued)

Lab Sample ID: 460-335747-1 MSD
Matrix: Solid
Analysis Batch: 1064338

Client Sample ID: 53A_0-5
Prep Type: Total/NA
Prep Batch: 1064226

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Fluorene	0.36	U	3.58	2.42		mg/Kg	☼	68	64 - 120	24	30
Hexachlorobenzene	0.036	U	3.58	2.61		mg/Kg	☼	73	66 - 120	24	30
Hexachlorobutadiene	0.072	U	3.58	2.39		mg/Kg	☼	67	62 - 120	26	30
Hexachlorocyclopentadiene	0.36	U	3.58	1.46		mg/Kg	☼	41	32 - 150	29	30
Hexachloroethane	0.036	U	3.58	2.30		mg/Kg	☼	64	61 - 112	25	30
Indeno[1,2,3-cd]pyrene	0.036	U	3.58	2.49		mg/Kg	☼	70	63 - 137	23	30
Isophorone	0.14	U	3.58	2.36		mg/Kg	☼	66	61 - 120	27	30
Naphthalene	0.36	U	3.58	2.33		mg/Kg	☼	65	63 - 113	26	30
Nitrobenzene	0.036	U	3.58	2.38		mg/Kg	☼	66	63 - 120	26	30
N-Nitrosodi-n-propylamine	0.036	U	3.58	2.29		mg/Kg	☼	64	60 - 120	25	30
N-Nitrosodiphenylamine	0.36	U	3.58	2.58		mg/Kg	☼	72	63 - 120	25	30
Pentachlorophenol	0.29	U	7.16	5.46		mg/Kg	☼	76	61 - 126	23	30
Phenanthrene	0.36	U	3.58	2.62		mg/Kg	☼	73	66 - 120	25	30
Phenol	0.36	U	3.58	2.26		mg/Kg	☼	63	63 - 120	26	30
Pyrene	0.36	U	3.58	2.65		mg/Kg	☼	74	61 - 121	26	30

Surrogate	*MSD %Recovery*	*MSD Qualifier*	*Limits*
2,4,6-Tribromophenol (Surr)	*61*		*18 - 137*
2-Fluorobiphenyl	*54*		*33 - 117*
2-Fluorophenol (Surr)	*57*		*24 - 120*
Nitrobenzene-d5 (Surr)	*56*		*27 - 120*
Phenol-d5 (Surr)	*54*		*28 - 118*
Terphenyl-d14 (Surr)	*59*		*33 - 124*

Method: 8081B - Organochlorine Pesticides (GC)

Lab Sample ID: MB 460-1064260/1-A
Matrix: Solid
Analysis Batch: 1064299

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 1064260

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
4,4'-DDD	0.0067	U	0.0067	0.0011	mg/Kg		09/27/25 19:28	09/28/25 08:50	1
4,4'-DDD	0.0067	U	0.0067	0.0011	mg/Kg		09/27/25 19:28	09/28/25 08:50	1
4,4'-DDE	0.0067	U	0.0067	0.00079	mg/Kg		09/27/25 19:28	09/28/25 08:50	1
4,4'-DDE	0.0067	U	0.0067	0.00079	mg/Kg		09/27/25 19:28	09/28/25 08:50	1
4,4'-DDT	0.0067	U	0.0067	0.0012	mg/Kg		09/27/25 19:28	09/28/25 08:50	1
4,4'-DDT	0.0067	U	0.0067	0.0012	mg/Kg		09/27/25 19:28	09/28/25 08:50	1
Aldrin	0.0067	U	0.0067	0.0010	mg/Kg		09/27/25 19:28	09/28/25 08:50	1
Aldrin	0.0067	U	0.0067	0.0010	mg/Kg		09/27/25 19:28	09/28/25 08:50	1
alpha-BHC	0.0020	U	0.0020	0.00068	mg/Kg		09/27/25 19:28	09/28/25 08:50	1
alpha-BHC	0.0020	U	0.0020	0.00068	mg/Kg		09/27/25 19:28	09/28/25 08:50	1
beta-BHC	0.0020	U	0.0020	0.00075	mg/Kg		09/27/25 19:28	09/28/25 08:50	1
beta-BHC	0.0020	U	0.0020	0.00075	mg/Kg		09/27/25 19:28	09/28/25 08:50	1
Chlordane (technical)	0.067	U	0.067	0.016	mg/Kg		09/27/25 19:28	09/28/25 08:50	1
Chlordane (technical)	0.067	U	0.067	0.016	mg/Kg		09/27/25 19:28	09/28/25 08:50	1
cis-Chlordane	0.0067	U	0.0067	0.0011	mg/Kg		09/27/25 19:28	09/28/25 08:50	1
cis-Chlordane	0.0067	U	0.0067	0.0011	mg/Kg		09/27/25 19:28	09/28/25 08:50	1
delta-BHC	0.0020	U	0.0020	0.00041	mg/Kg		09/27/25 19:28	09/28/25 08:50	1
delta-BHC	0.0020	U	0.0020	0.00041	mg/Kg		09/27/25 19:28	09/28/25 08:50	1

Method: 8081B - Organochlorine Pesticides (GC) (Continued)

Lab Sample ID: MB 460-1064260/1-A
Matrix: Solid
Analysis Batch: 1064299

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 1064260

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Dieldrin	0.0020	U	0.0020	0.00087	mg/Kg		09/27/25 19:28	09/28/25 08:50	1
Dieldrin	0.0020	U	0.0020	0.00087	mg/Kg		09/27/25 19:28	09/28/25 08:50	1
Endosulfan I	0.0067	U	0.0067	0.0010	mg/Kg		09/27/25 19:28	09/28/25 08:50	1
Endosulfan I	0.0067	U	0.0067	0.0010	mg/Kg		09/27/25 19:28	09/28/25 08:50	1
Endosulfan II	0.0067	U	0.0067	0.0017	mg/Kg		09/27/25 19:28	09/28/25 08:50	1
Endosulfan II	0.0067	U	0.0067	0.0017	mg/Kg		09/27/25 19:28	09/28/25 08:50	1
Endosulfan sulfate	0.0067	U	0.0067	0.00084	mg/Kg		09/27/25 19:28	09/28/25 08:50	1
Endosulfan sulfate	0.0067	U	0.0067	0.00084	mg/Kg		09/27/25 19:28	09/28/25 08:50	1
Endrin	0.0067	U	0.0067	0.00096	mg/Kg		09/27/25 19:28	09/28/25 08:50	1
Endrin	0.0067	U	0.0067	0.00096	mg/Kg		09/27/25 19:28	09/28/25 08:50	1
Endrin aldehyde	0.0067	U	0.0067	0.0016	mg/Kg		09/27/25 19:28	09/28/25 08:50	1
Endrin aldehyde	0.0067	U	0.0067	0.0016	mg/Kg		09/27/25 19:28	09/28/25 08:50	1
Endrin ketone	0.0067	U	0.0067	0.0013	mg/Kg		09/27/25 19:28	09/28/25 08:50	1
Endrin ketone	0.0067	U	0.0067	0.0013	mg/Kg		09/27/25 19:28	09/28/25 08:50	1
gamma-BHC (Lindane)	0.0020	U	0.0020	0.00062	mg/Kg		09/27/25 19:28	09/28/25 08:50	1
gamma-BHC (Lindane)	0.0020	U	0.0020	0.00062	mg/Kg		09/27/25 19:28	09/28/25 08:50	1
Heptachlor	0.0067	U	0.0067	0.00079	mg/Kg		09/27/25 19:28	09/28/25 08:50	1
Heptachlor	0.0067	U	0.0067	0.00079	mg/Kg		09/27/25 19:28	09/28/25 08:50	1
Heptachlor epoxide	0.0067	U	0.0067	0.0010	mg/Kg		09/27/25 19:28	09/28/25 08:50	1
Heptachlor epoxide	0.0067	U	0.0067	0.0010	mg/Kg		09/27/25 19:28	09/28/25 08:50	1
Methoxychlor	0.0067	U	0.0067	0.0015	mg/Kg		09/27/25 19:28	09/28/25 08:50	1
Methoxychlor	0.0067	U	0.0067	0.0015	mg/Kg		09/27/25 19:28	09/28/25 08:50	1
Toxaphene	0.067	U	0.067	0.024	mg/Kg		09/27/25 19:28	09/28/25 08:50	1
Toxaphene	0.067	U	0.067	0.024	mg/Kg		09/27/25 19:28	09/28/25 08:50	1

Surrogate	*MB %Recovery*	*MB Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
DCB Decachlorobiphenyl	*67*		*10 - 150*	*09/27/25 19:28*	*09/28/25 08:50*	*1*
DCB Decachlorobiphenyl	*77*		*10 - 150*	*09/27/25 19:28*	*09/28/25 08:50*	*1*
Tetrachloro-m-xylene	*62*		*14 - 150*	*09/27/25 19:28*	*09/28/25 08:50*	*1*
Tetrachloro-m-xylene	*66*		*14 - 150*	*09/27/25 19:28*	*09/28/25 08:50*	*1*

Lab Sample ID: LCS 460-1064260/2-A
Matrix: Solid
Analysis Batch: 1064299

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 1064260

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
4,4'-DDD	0.133	0.128		mg/Kg		96	71 - 134
4,4'-DDD	0.133	0.136		mg/Kg		102	71 - 134
4,4'-DDE	0.133	0.134		mg/Kg		101	71 - 137
4,4'-DDE	0.133	0.140		mg/Kg		105	71 - 137
4,4'-DDT	0.133	0.147		mg/Kg		110	69 - 140
4,4'-DDT	0.133	0.142		mg/Kg		106	69 - 140
Aldrin	0.133	0.129		mg/Kg		97	68 - 136
Aldrin	0.133	0.132		mg/Kg		99	68 - 136
alpha-BHC	0.133	0.142		mg/Kg		106	71 - 136
alpha-BHC	0.133	0.146		mg/Kg		109	71 - 136
beta-BHC	0.133	0.142		mg/Kg		107	67 - 133
beta-BHC	0.133	0.139		mg/Kg		104	67 - 133

Method: 8081B - Organochlorine Pesticides (GC) (Continued)

Lab Sample ID: LCS 460-1064260/2-A
Matrix: Solid
Analysis Batch: 1064299

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 1064260

Analyte			Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits		
cis-Chlordane			0.133	0.138		mg/Kg		104	70 - 140		
cis-Chlordane			0.133	0.143		mg/Kg		107	70 - 140		
delta-BHC			0.133	0.152		mg/Kg		114	70 - 135		
delta-BHC			0.133	0.151		mg/Kg		113	70 - 135		
Dieldrin			0.133	0.132		mg/Kg		99	71 - 135		
Dieldrin			0.133	0.143		mg/Kg		107	71 - 135		
Endosulfan I			0.133	0.140		mg/Kg		105	70 - 141		
Endosulfan I			0.133	0.143		mg/Kg		107	70 - 141		
Endosulfan II			0.133	0.140		mg/Kg		105	75 - 141		
Endosulfan II			0.133	0.143		mg/Kg		107	75 - 141		
Endosulfan sulfate			0.133	0.128		mg/Kg		96	67 - 130		
Endosulfan sulfate			0.133	0.133		mg/Kg		100	67 - 130		
Endrin			0.133	0.138		mg/Kg		103	66 - 143		
Endrin			0.133	0.147		mg/Kg		110	66 - 143		
Endrin aldehyde			0.133	0.132		mg/Kg		99	70 - 132		
Endrin aldehyde			0.133	0.131		mg/Kg		98	70 - 132		
Endrin ketone			0.133	0.128		mg/Kg		96	66 - 137		
Endrin ketone			0.133	0.137		mg/Kg		103	66 - 137		
gamma-BHC (Lindane)			0.133	0.143		mg/Kg		107	71 - 137		
gamma-BHC (Lindane)			0.133	0.142		mg/Kg		107	71 - 137		
Heptachlor			0.133	0.144		mg/Kg		108	70 - 140		
Heptachlor			0.133	0.143		mg/Kg		108	70 - 140		
Heptachlor epoxide			0.133	0.140		mg/Kg		105	70 - 135		
Heptachlor epoxide			0.133	0.143		mg/Kg		107	70 - 135		
Methoxychlor			0.133	0.135		mg/Kg		101	63 - 138		
Methoxychlor			0.133	0.132		mg/Kg		99	63 - 138		

Surrogate	*LCS %Recovery*	*LCS Qualifier*	*Limits*
DCB Decachlorobiphenyl	*48*		*10 - 150*
DCB Decachlorobiphenyl	*54*		*10 - 150*
Tetrachloro-m-xylene	*52*		*14 - 150*
Tetrachloro-m-xylene	*64*		*14 - 150*

Lab Sample ID: LCSD 460-1064260/3-A
Matrix: Solid
Analysis Batch: 1064299

Client Sample ID: Lab Control Sample Dup
Prep Type: Total/NA
Prep Batch: 1064260

Analyte			Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
4,4'-DDD			0.133	0.134		mg/Kg		101	71 - 134	5	30
4,4'-DDD			0.133	0.149		mg/Kg		112	71 - 134	9	30
4,4'-DDE			0.133	0.138		mg/Kg		103	71 - 137	3	30
4,4'-DDE			0.133	0.153		mg/Kg		114	71 - 137	8	30
4,4'-DDT			0.133	0.152		mg/Kg		114	69 - 140	3	30
4,4'-DDT			0.133	0.156		mg/Kg		117	69 - 140	10	30
Aldrin			0.133	0.131		mg/Kg		98	68 - 136	2	30
Aldrin			0.133	0.144		mg/Kg		108	68 - 136	9	30
alpha-BHC			0.133	0.144		mg/Kg		108	71 - 136	1	30
alpha-BHC			0.133	0.158		mg/Kg		118	71 - 136	8	30

Method: 8081B - Organochlorine Pesticides (GC) (Continued)

Lab Sample ID: LCSD 460-1064260/3-A
Matrix: Solid
Analysis Batch: 1064299

Client Sample ID: Lab Control Sample Dup
Prep Type: Total/NA
Prep Batch: 1064260

Analyte			Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
beta-BHC			0.133	0.145		mg/Kg		108	67 - 133	2	30
beta-BHC			0.133	0.152		mg/Kg		114	67 - 133	9	30
cis-Chlordane			0.133	0.142		mg/Kg		107	70 - 140	3	30
cis-Chlordane			0.133	0.156		mg/Kg		117	70 - 140	9	30
delta-BHC			0.133	0.154		mg/Kg		116	70 - 135	2	30
delta-BHC			0.133	0.164		mg/Kg		123	70 - 135	8	30
Dieldrin			0.133	0.136		mg/Kg		102	71 - 135	3	30
Dieldrin			0.133	0.157		mg/Kg		118	71 - 135	9	30
Endosulfan I			0.133	0.143		mg/Kg		107	70 - 141	2	30
Endosulfan I			0.133	0.157		mg/Kg		117	70 - 141	9	30
Endosulfan II			0.133	0.147		mg/Kg		110	75 - 141	5	30
Endosulfan II			0.133	0.157		mg/Kg		118	75 - 141	9	30
Endosulfan sulfate			0.133	0.130		mg/Kg		98	67 - 130	2	30
Endosulfan sulfate			0.133	0.146		mg/Kg		110	67 - 130	9	30
Endrin			0.133	0.142		mg/Kg		107	66 - 143	3	30
Endrin			0.133	0.161		mg/Kg		121	66 - 143	9	30
Endrin aldehyde			0.133	0.136		mg/Kg		102	70 - 132	3	30
Endrin aldehyde			0.133	0.144		mg/Kg		108	70 - 132	10	30
Endrin ketone			0.133	0.133		mg/Kg		100	66 - 137	4	30
Endrin ketone			0.133	0.152		mg/Kg		114	66 - 137	10	30
gamma-BHC (Lindane)			0.133	0.145		mg/Kg		109	71 - 137	2	30
gamma-BHC (Lindane)			0.133	0.154		mg/Kg		116	71 - 137	8	30
Heptachlor			0.133	0.147		mg/Kg		110	70 - 140	2	30
Heptachlor			0.133	0.156		mg/Kg		117	70 - 140	9	30
Heptachlor epoxide			0.133	0.143		mg/Kg		107	70 - 135	2	30
Heptachlor epoxide			0.133	0.156		mg/Kg		117	70 - 135	9	30
Methoxychlor			0.133	0.139		mg/Kg		104	63 - 138	3	30
Methoxychlor			0.133	0.147		mg/Kg		110	63 - 138	11	30

Surrogate	*LCSD %Recovery*	*LCSD Qualifier*	*Limits*
DCB Decachlorobiphenyl	*50*		*10 - 150*
DCB Decachlorobiphenyl	*61*		*10 - 150*
Tetrachloro-m-xylene	*52*		*14 - 150*
Tetrachloro-m-xylene	*60*		*14 - 150*

Lab Sample ID: 460-335747-1 MS
Matrix: Solid
Analysis Batch: 1064299

Client Sample ID: 53A_0-5
Prep Type: Total/NA
Prep Batch: 1064260

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec Limits		
4,4'-DDD	0.0073	U	0.144	0.274	*	mg/Kg	☼	189	71 - 134		
4,4'-DDD	0.0073	U	0.144	0.324	*	mg/Kg	☼	224	71 - 134		
4,4'-DDE	0.0073	U	0.144	0.280	*	mg/Kg	☼	194	71 - 137		
4,4'-DDE	0.0073	U	0.144	0.335	*	mg/Kg	☼	232	71 - 137		
4,4'-DDT	0.0024	J	0.144	0.321	*	mg/Kg	☼	221	69 - 140		
4,4'-DDT	0.0027	J	0.144	0.348	*	mg/Kg	☼	239	69 - 140		
Aldrin	0.0073	U	0.144	0.251	*	mg/Kg	☼	174	68 - 136		
Aldrin	0.0073	U	0.144	0.292	*	mg/Kg	☼	202	68 - 136		

Method: 8081B - Organochlorine Pesticides (GC) (Continued)

Lab Sample ID: 460-335747-1 MS
Matrix: Solid
Analysis Batch: 1064299

Client Sample ID: 53A_0-5
Prep Type: Total/NA
Prep Batch: 1064260

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec Limits
alpha-BHC	0.0022	U	0.144	0.257	*	mg/Kg	☼	178	71 - 136
alpha-BHC	0.0022	U	0.144	0.305	*	mg/Kg	☼	211	71 - 136
beta-BHC	0.0022	U	0.144	0.286	*	mg/Kg	☼	198	67 - 133
beta-BHC	0.0022	U	0.144	0.320	*	mg/Kg	☼	221	67 - 133
cis-Chlordane	0.0073	U	0.144	0.281	*	mg/Kg	☼	195	70 - 140
cis-Chlordane	0.0073	U	0.144	0.333	*	mg/Kg	☼	230	70 - 140
delta-BHC	0.0022	U	0.144	0.316	*	mg/Kg	☼	219	70 - 135
delta-BHC	0.0022	U	0.144	0.368	E *	mg/Kg	☼	255	70 - 135
Dieldrin	0.0022	U	0.144	0.275	*	mg/Kg	☼	191	71 - 135
Dieldrin	0.0022	U	0.144	0.333	*	mg/Kg	☼	231	71 - 135
Endosulfan I	0.0073	U	0.144	0.278	*	mg/Kg	☼	192	70 - 141
Endosulfan I	0.0073	U	0.144	0.324	*	mg/Kg	☼	224	70 - 141
Endosulfan II	0.0073	U	0.144	0.293	*	mg/Kg	☼	203	75 - 141
Endosulfan II	0.0073	U	0.144	0.326	*	mg/Kg	☼	226	75 - 141
Endosulfan sulfate	0.0073	U	0.144	0.266	*	mg/Kg	☼	184	67 - 130
Endosulfan sulfate	0.0073	U	0.144	0.312	*	mg/Kg	☼	216	67 - 130
Endrin	0.0073	U	0.144	0.292	*	mg/Kg	☼	202	66 - 143
Endrin	0.0073	U	0.144	0.346	*	mg/Kg	☼	239	66 - 143
Endrin aldehyde	0.0073	U	0.144	0.239	*	mg/Kg	☼	165	70 - 132
Endrin aldehyde	0.0073	U	0.144	0.269	*	mg/Kg	☼	186	70 - 132
Endrin ketone	0.0073	U	0.144	0.270	*	mg/Kg	☼	187	66 - 137
Endrin ketone	0.0073	U	0.144	0.329	*	mg/Kg	☼	228	66 - 137
gamma-BHC (Lindane)	0.0022	U	0.144	0.274	*	mg/Kg	☼	189	71 - 137
gamma-BHC (Lindane)	0.0022	U	0.144	0.316	*	mg/Kg	☼	219	71 - 137
Heptachlor	0.0073	U	0.144	0.270	*	mg/Kg	☼	187	70 - 140
Heptachlor	0.0073	U	0.144	0.312	*	mg/Kg	☼	216	70 - 140
Heptachlor epoxide	0.0073	U	0.144	0.282	*	mg/Kg	☼	196	70 - 135
Heptachlor epoxide	0.0073	U	0.144	0.322	*	mg/Kg	☼	223	70 - 135
Methoxychlor	0.0073	U	0.144	0.293	*	mg/Kg	☼	203	63 - 138
Methoxychlor	0.0073	U	0.144	0.326	*	mg/Kg	☼	225	63 - 138

Surrogate	*MS %Recovery*	*MS Qualifier*	*Limits*
DCB Decachlorobiphenyl	*90*		*10 - 150*
DCB Decachlorobiphenyl	*107*		*10 - 150*
Tetrachloro-m-xylene	*57*		*14 - 150*
Tetrachloro-m-xylene	*66*		*14 - 150*

Lab Sample ID: 460-335747-1 MSD
Matrix: Solid
Analysis Batch: 1064299

Client Sample ID: 53A_0-5
Prep Type: Total/NA
Prep Batch: 1064260

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
4,4'-DDD	0.0073	U	0.144	0.326	*	mg/Kg	☼	225	71 - 134	17	30
4,4'-DDD	0.0073	U	0.144	0.395	E *	mg/Kg	☼	273	71 - 134	20	30
4,4'-DDE	0.0073	U	0.144	0.333	*	mg/Kg	☼	231	71 - 137	17	30
4,4'-DDE	0.0073	U	0.144	0.410	E *	mg/Kg	☼	284	71 - 137	20	30
4,4'-DDT	0.0024	J	0.144	0.384	E *	mg/Kg	☼	264	69 - 140	18	30
4,4'-DDT	0.0027	J	0.144	0.428	E *	mg/Kg	☼	294	69 - 140	20	30

Method: 8081B - Organochlorine Pesticides (GC) (Continued)

Lab Sample ID: 460-335747-1 MSD
Matrix: Solid
Analysis Batch: 1064299

Client Sample ID: 53A_0-5
Prep Type: Total/NA
Prep Batch: 1064260

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Aldrin	0.0073	U	0.144	0.296	*	mg/Kg	☼	205	68 - 136	17	30
Aldrin	0.0073	U	0.144	0.355	*	mg/Kg	☼	246	68 - 136	19	30
alpha-BHC	0.0022	U	0.144	0.303	*	mg/Kg	☼	210	71 - 136	16	30
alpha-BHC	0.0022	U	0.144	0.384	E *	mg/Kg	☼	266	71 - 136	23	30
beta-BHC	0.0022	U	0.144	0.335	*	mg/Kg	☼	232	67 - 133	16	30
beta-BHC	0.0022	U	0.144	0.389	E *	mg/Kg	☼	269	67 - 133	19	30
cis-Chlordane	0.0073	U	0.144	0.333	*	mg/Kg	☼	231	70 - 140	17	30
cis-Chlordane	0.0073	U	0.144	0.404	E *	mg/Kg	☼	280	70 - 140	19	30
delta-BHC	0.0022	U	0.144	0.381	E *	mg/Kg	☼	264	70 - 135	19	30
delta-BHC	0.0022	U	0.144	0.470	E *	mg/Kg	☼	325	70 - 135	24	30
Dieldrin	0.0022	U	0.144	0.326	*	mg/Kg	☼	225	71 - 135	17	30
Dieldrin	0.0022	U	0.144	0.404	E *	mg/Kg	☼	280	71 - 135	19	30
Endosulfan I	0.0073	U	0.144	0.327	*	mg/Kg	☼	226	70 - 141	16	30
Endosulfan I	0.0073	U	0.144	0.391	E *	mg/Kg	☼	271	70 - 141	19	30
Endosulfan II	0.0073	U	0.144	0.347	*	mg/Kg	☼	240	75 - 141	17	30
Endosulfan II	0.0073	U	0.144	0.393	E *	mg/Kg	☼	272	75 - 141	19	30
Endosulfan sulfate	0.0073	U	0.144	0.312	*	mg/Kg	☼	216	67 - 130	16	30
Endosulfan sulfate	0.0073	U	0.144	0.378	E *	mg/Kg	☼	262	67 - 130	19	30
Endrin	0.0073	U	0.144	0.345	*	mg/Kg	☼	239	66 - 143	17	30
Endrin	0.0073	U	0.144	0.419	E *	mg/Kg	☼	290	66 - 143	19	30
Endrin aldehyde	0.0073	U	0.144	0.280	*	mg/Kg	☼	194	70 - 132	16	30
Endrin aldehyde	0.0073	U	0.144	0.322	*	mg/Kg	☼	223	70 - 132	18	30
Endrin ketone	0.0073	U	0.144	0.319	*	mg/Kg	☼	221	66 - 137	17	30
Endrin ketone	0.0073	U	0.144	0.402	E *	mg/Kg	☼	278	66 - 137	20	30
gamma-BHC (Lindane)	0.0022	U	0.144	0.323	*	mg/Kg	☼	223	71 - 137	16	30
gamma-BHC (Lindane)	0.0022	U	0.144	0.396	E *	mg/Kg	☼	274	71 - 137	22	30
Heptachlor	0.0073	U	0.144	0.317	*	mg/Kg	☼	220	70 - 140	16	30
Heptachlor	0.0073	U	0.144	0.380	E *	mg/Kg	☼	263	70 - 140	20	30
Heptachlor epoxide	0.0073	U	0.144	0.333	*	mg/Kg	☼	230	70 - 135	16	30
Heptachlor epoxide	0.0073	U	0.144	0.389	E *	mg/Kg	☼	269	70 - 135	19	30
Methoxychlor	0.0073	U	0.144	0.346	*	mg/Kg	☼	240	63 - 138	17	30
Methoxychlor	0.0073	U	0.144	0.398	E *	mg/Kg	☼	275	63 - 138	20	30

Surrogate	*MSD %Recovery*	*MSD Qualifier*	*Limits*
DCB Decachlorobiphenyl	*106*		*10 - 150*
DCB Decachlorobiphenyl	*123*		*10 - 150*
Tetrachloro-m-xylene	*66*		*14 - 150*
Tetrachloro-m-xylene	*77*		*14 - 150*

Method: 8082A - Polychlorinated Biphenyls (PCBs) by Gas Chromatography

Lab Sample ID: MB 460-1064254/1-A
Matrix: Solid
Analysis Batch: 1064295

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 1064254

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Aroclor 1016	0.067	U	0.067	0.018	mg/Kg		09/27/25 19:23	09/28/25 12:05	1
Aroclor 1016	0.067	U	0.067	0.018	mg/Kg		09/27/25 19:23	09/28/25 12:05	1
Aroclor 1221	0.067	U	0.067	0.018	mg/Kg		09/27/25 19:23	09/28/25 12:05	1

Method: 8082A - Polychlorinated Biphenyls (PCBs) by Gas Chromatography (Continued)

Lab Sample ID: MB 460-1064254/1-A
Matrix: Solid
Analysis Batch: 1064295

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 1064254

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Aroclor 1221	0.067	U	0.067	0.018	mg/Kg		09/27/25 19:23	09/28/25 12:05	1
Aroclor 1232	0.067	U	0.067	0.018	mg/Kg		09/27/25 19:23	09/28/25 12:05	1
Aroclor 1232	0.067	U	0.067	0.018	mg/Kg		09/27/25 19:23	09/28/25 12:05	1
Aroclor 1242	0.067	U	0.067	0.018	mg/Kg		09/27/25 19:23	09/28/25 12:05	1
Aroclor 1242	0.067	U	0.067	0.018	mg/Kg		09/27/25 19:23	09/28/25 12:05	1
Aroclor 1248	0.067	U	0.067	0.018	mg/Kg		09/27/25 19:23	09/28/25 12:05	1
Aroclor 1248	0.067	U	0.067	0.018	mg/Kg		09/27/25 19:23	09/28/25 12:05	1
Aroclor 1254	0.067	U	0.067	0.018	mg/Kg		09/27/25 19:23	09/28/25 12:05	1
Aroclor 1254	0.067	U	0.067	0.018	mg/Kg		09/27/25 19:23	09/28/25 12:05	1
Aroclor 1260	0.067	U	0.067	0.018	mg/Kg		09/27/25 19:23	09/28/25 12:05	1
Aroclor 1260	0.067	U	0.067	0.018	mg/Kg		09/27/25 19:23	09/28/25 12:05	1
Aroclor-1262	0.067	U	0.067	0.018	mg/Kg		09/27/25 19:23	09/28/25 12:05	1
Aroclor-1262	0.067	U	0.067	0.018	mg/Kg		09/27/25 19:23	09/28/25 12:05	1
Aroclor 1268	0.067	U	0.067	0.018	mg/Kg		09/27/25 19:23	09/28/25 12:05	1
Aroclor 1268	0.067	U	0.067	0.018	mg/Kg		09/27/25 19:23	09/28/25 12:05	1
Polychlorinated biphenyls, Total	0.067	U	0.067	0.018	mg/Kg		09/27/25 19:23	09/28/25 12:05	1
Polychlorinated biphenyls, Total	0.067	U	0.067	0.018	mg/Kg		09/27/25 19:23	09/28/25 12:05	1

Surrogate	*MB %Recovery*	*MB Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
DCB Decachlorobiphenyl	*90*		*10 - 150*	*09/27/25 19:23*	*09/28/25 12:05*	*1*
DCB Decachlorobiphenyl	*90*		*10 - 150*	*09/27/25 19:23*	*09/28/25 12:05*	*1*
Tetrachloro-m-xylene	*84*		*10 - 150*	*09/27/25 19:23*	*09/28/25 12:05*	*1*
Tetrachloro-m-xylene	*89*		*10 - 150*	*09/27/25 19:23*	*09/28/25 12:05*	*1*

Lab Sample ID: LCS 460-1064254/2-A
Matrix: Solid
Analysis Batch: 1064295

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 1064254

Analyte			Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits		
Aroclor 1016			0.333	0.350		mg/Kg		105	59 - 149		
Aroclor 1016			0.333	0.343		mg/Kg		103	59 - 149		
Aroclor 1260			0.333	0.343		mg/Kg		103	62 - 145		
Aroclor 1260			0.333	0.343		mg/Kg		103	62 - 145		

Surrogate	*LCS %Recovery*	*LCS Qualifier*	*Limits*
DCB Decachlorobiphenyl	*80*		*10 - 150*
DCB Decachlorobiphenyl	*78*		*10 - 150*
Tetrachloro-m-xylene	*85*		*10 - 150*
Tetrachloro-m-xylene	*90*		*10 - 150*

Lab Sample ID: LCSD 460-1064254/3-A
Matrix: Solid
Analysis Batch: 1064295

Client Sample ID: Lab Control Sample Dup
Prep Type: Total/NA
Prep Batch: 1064254

Analyte			Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Aroclor 1016			0.333	0.353		mg/Kg		106	59 - 149	1	30
Aroclor 1016			0.333	0.354		mg/Kg		106	59 - 149	3	30
Aroclor 1260			0.333	0.333		mg/Kg		100	62 - 145	3	30

Method: 8082A - Polychlorinated Biphenyls (PCBs) by Gas Chromatography (Continued)

Lab Sample ID: LCSD 460-1064254/3-A
Matrix: Solid
Analysis Batch: 1064295

Client Sample ID: Lab Control Sample Dup
Prep Type: Total/NA
Prep Batch: 1064254

Analyte			Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Aroclor 1260			0.333	0.348		mg/Kg		104	62 - 145	2	30

Surrogate	*LCSD %Recovery*	*LCSD Qualifier*	*Limits*
DCB Decachlorobiphenyl	*80*		*10 - 150*
DCB Decachlorobiphenyl	*80*		*10 - 150*
Tetrachloro-m-xylene	*85*		*10 - 150*
Tetrachloro-m-xylene	*90*		*10 - 150*

Lab Sample ID: 460-335747-1 MS
Matrix: Solid
Analysis Batch: 1064295

Client Sample ID: 53A_0-5
Prep Type: Total/NA
Prep Batch: 1064254

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec Limits
Aroclor 1016	0.073	U	0.361	0.460		mg/Kg	☼	127	59 - 149
Aroclor 1016	0.073	U	0.361	0.471		mg/Kg	☼	130	59 - 149
Aroclor 1260	0.073	U	0.361	0.467		mg/Kg	☼	129	62 - 145
Aroclor 1260	0.073	U	0.361	0.509		mg/Kg	☼	141	62 - 145

Surrogate	*MS %Recovery*	*MS Qualifier*	*Limits*
DCB Decachlorobiphenyl	*120*		*10 - 150*
DCB Decachlorobiphenyl	*124*		*10 - 150*
Tetrachloro-m-xylene	*75*		*10 - 150*
Tetrachloro-m-xylene	*80*		*10 - 150*

Lab Sample ID: 460-335747-1 MSD
Matrix: Solid
Analysis Batch: 1064295

Client Sample ID: 53A_0-5
Prep Type: Total/NA
Prep Batch: 1064254

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Aroclor 1016	0.073	U	0.361	0.447		mg/Kg	☼	124	59 - 149	3	30
Aroclor 1016	0.073	U	0.361	0.447		mg/Kg	☼	124	59 - 149	5	30
Aroclor 1260	0.073	U	0.361	0.456		mg/Kg	☼	126	62 - 145	2	30
Aroclor 1260	0.073	U	0.361	0.473		mg/Kg	☼	131	62 - 145	7	30

Surrogate	*MSD %Recovery*	*MSD Qualifier*	*Limits*
DCB Decachlorobiphenyl	*117*		*10 - 150*
DCB Decachlorobiphenyl	*119*		*10 - 150*
Tetrachloro-m-xylene	*74*		*10 - 150*
Tetrachloro-m-xylene	*77*		*10 - 150*

Method: 1633A - Per- and Polyfluoroalkyl Substances by LC/MS/MS, 1633A

Lab Sample ID: MB 410-707239/1-A
Matrix: Solid
Analysis Batch: 707700

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 707239

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Perfluorobutanoic acid (PFBA)	0.39	U	0.39	0.098	ug/Kg		10/01/25 06:38	10/02/25 01:58	1

Method: 1633A - Per- and Polyfluoroalkyl Substances by LC/MS/MS, 1633A (Continued)

Lab Sample ID: MB 410-707239/1-A
Matrix: Solid
Analysis Batch: 707700

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 707239

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Perfluoropentanoic acid (PFPeA)	0.20	U	0.20	0.098	ug/Kg		10/01/25 06:38	10/02/25 01:58	1
Perfluorohexanoic acid (PFHxA)	0.20	U	0.20	0.098	ug/Kg		10/01/25 06:38	10/02/25 01:58	1
Perfluoroheptanoic acid (PFHpA)	0.20	U	0.20	0.098	ug/Kg		10/01/25 06:38	10/02/25 01:58	1
Perfluorooctanoic acid (PFOA)	0.20	U	0.20	0.059	ug/Kg		10/01/25 06:38	10/02/25 01:58	1
Perfluorononanoic acid (PFNA)	0.20	U	0.20	0.098	ug/Kg		10/01/25 06:38	10/02/25 01:58	1
Perfluorodecanoic acid (PFDA)	0.20	U	0.20	0.059	ug/Kg		10/01/25 06:38	10/02/25 01:58	1
Perfluoroundecanoic acid (PFUnA)	0.20	U	0.20	0.098	ug/Kg		10/01/25 06:38	10/02/25 01:58	1
Perfluorododecanoic acid (PFDoA)	0.20	U	0.20	0.098	ug/Kg		10/01/25 06:38	10/02/25 01:58	1
Perfluorotridecanoic acid (PFTrDA)	0.20	U	0.20	0.098	ug/Kg		10/01/25 06:38	10/02/25 01:58	1
Perfluorotetradecanoic acid (PFTeDA)	0.20	U	0.20	0.098	ug/Kg		10/01/25 06:38	10/02/25 01:58	1
Perfluorobutanesulfonic acid (PFBS)	0.20	U	0.20	0.098	ug/Kg		10/01/25 06:38	10/02/25 01:58	1
Perfluoropentanesulfonic acid (PFPeS)	0.20	U	0.20	0.098	ug/Kg		10/01/25 06:38	10/02/25 01:58	1
Perfluorohexanesulfonic acid (PFHxS)	0.20	U	0.20	0.098	ug/Kg		10/01/25 06:38	10/02/25 01:58	1
Perfluoroheptanesulfonic acid (PFHpS)	0.20	U	0.20	0.098	ug/Kg		10/01/25 06:38	10/02/25 01:58	1
Perfluorooctanesulfonic acid (PFOS)	0.20	U	0.20	0.098	ug/Kg		10/01/25 06:38	10/02/25 01:58	1
Perfluorononanesulfonic acid (PFNS)	0.20	U	0.20	0.098	ug/Kg		10/01/25 06:38	10/02/25 01:58	1
Perfluorodecanesulfonic acid (PFDS)	0.20	U	0.20	0.098	ug/Kg		10/01/25 06:38	10/02/25 01:58	1
Perfluorododecanesulfonic acid (PFDoS)	0.20	U	0.20	0.098	ug/Kg		10/01/25 06:38	10/02/25 01:58	1
1H,1H,2H,2H-Perfluorohexane sulfonic acid (4:2 FTS)	0.39	U	0.39	0.20	ug/Kg		10/01/25 06:38	10/02/25 01:58	1
1H,1H,2H,2H-Perfluorooctane sulfonic acid (6:2 FTS)	0.39	U	0.39	0.20	ug/Kg		10/01/25 06:38	10/02/25 01:58	1
1H,1H,2H,2H-Perfluorodecane sulfonic acid (8:2 FTS)	0.39	U	0.39	0.20	ug/Kg		10/01/25 06:38	10/02/25 01:58	1
Perfluorooctanesulfonamide (PFOSA)	0.20	U	0.20	0.098	ug/Kg		10/01/25 06:38	10/02/25 01:58	1
N-methylperfluorooctane sulfonamide (NMeFOSA)	0.20	U	0.20	0.098	ug/Kg		10/01/25 06:38	10/02/25 01:58	1
N-ethylperfluorooctane sulfonamide (NEtFOSA)	0.20	U	0.20	0.098	ug/Kg		10/01/25 06:38	10/02/25 01:58	1
N-methylperfluorooctanesulfonamidoacetic acid (NMeFOSAA)	0.20	U	0.20	0.098	ug/Kg		10/01/25 06:38	10/02/25 01:58	1
N-ethylperfluorooctanesulfonamidoacetic acid (NEtFOSAA)	0.20	U	0.20	0.098	ug/Kg		10/01/25 06:38	10/02/25 01:58	1
N-methylperfluorooctane sulfonamidoethanol (NMeFOSE)	0.98	U	0.98	0.49	ug/Kg		10/01/25 06:38	10/02/25 01:58	1
N-ethylperfluorooctane sulfonamidoethanol (NEtFOSE)	0.98	U	0.98	0.49	ug/Kg		10/01/25 06:38	10/02/25 01:58	1
Hexafluoropropylene Oxide Dimer Acid (HFPO-DA)	0.20	U	0.20	0.098	ug/Kg		10/01/25 06:38	10/02/25 01:58	1
4,8-Dioxa-3H-perfluorononanoic acid (ADONA)	0.20	U	0.20	0.098	ug/Kg		10/01/25 06:38	10/02/25 01:58	1
Perfluoro-3-methoxypropanoic acid (PFMPA)	0.20	U	0.20	0.098	ug/Kg		10/01/25 06:38	10/02/25 01:58	1
Perfluoro-4-methoxybutanoic acid (PFMBA)	0.20	U	0.20	0.098	ug/Kg		10/01/25 06:38	10/02/25 01:58	1
Nonafluoro-3,6-dioxaheptanoic acid (NFDHA)	0.20	U	0.20	0.098	ug/Kg		10/01/25 06:38	10/02/25 01:58	1
9-Chlorohexadecafluoro-3-oxanonane-1-sulfonic acid (9Cl-PF3ONS)	0.20	U	0.20	0.098	ug/Kg		10/01/25 06:38	10/02/25 01:58	1

Method: 1633A - Per- and Polyfluoroalkyl Substances by LC/MS/MS, 1633A (Continued)

Lab Sample ID: MB 410-707239/1-A
Matrix: Solid
Analysis Batch: 707700

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 707239

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
11-Chloroeicosafluoro-3-oxaundecane-1-sulfonic acid (11Cl-PF3OUdS)	0.20	U	0.20	0.098	ug/Kg		10/01/25 06:38	10/02/25 01:58	1
Perfluoro (2-ethoxyethane) sulfonic acid (PFEESA)	0.20	U	0.20	0.098	ug/Kg		10/01/25 06:38	10/02/25 01:58	1
3-Perfluoropropylpropanoic acid (3:3 FTCA)	0.39	U	0.39	0.20	ug/Kg		10/01/25 06:38	10/02/25 01:58	1
3-Perfluoropentylpropanoic acid (5:3 FTCA)	0.98	U	0.98	0.49	ug/Kg		10/01/25 06:38	10/02/25 01:58	1
3-Perfluoroheptylpropanoic acid (7:3 FTCA)	0.98	U	0.98	0.49	ug/Kg		10/01/25 06:38	10/02/25 01:58	1

Isotope Dilution	*MB %Recovery*	*MB Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
13C4 PFBA	*85.1*		*8 - 130*	*10/01/25 06:38*	*10/02/25 01:58*	*1*
13C5 PFPeA	*72.6*		*35 - 130*	*10/01/25 06:38*	*10/02/25 01:58*	*1*
13C5 PFHxA	*74.1*		*40 - 130*	*10/01/25 06:38*	*10/02/25 01:58*	*1*
13C4 PFHpA	*75.0*		*40 - 130*	*10/01/25 06:38*	*10/02/25 01:58*	*1*
13C8 PFOA	*80.2*		*40 - 130*	*10/01/25 06:38*	*10/02/25 01:58*	*1*
13C9 PFNA	*77.1*		*40 - 130*	*10/01/25 06:38*	*10/02/25 01:58*	*1*
13C6 PFDA	*73.9*		*40 - 130*	*10/01/25 06:38*	*10/02/25 01:58*	*1*
13C7 PFUnA	*68.2*		*40 - 130*	*10/01/25 06:38*	*10/02/25 01:58*	*1*
13C2 PFTeDA	*64.2*		*20 - 130*	*10/01/25 06:38*	*10/02/25 01:58*	*1*
13C3 PFBS	*76.0*		*40 - 135*	*10/01/25 06:38*	*10/02/25 01:58*	*1*
13C3 PFHxS	*72.9*		*40 - 130*	*10/01/25 06:38*	*10/02/25 01:58*	*1*
13C8 PFOS	*73.4*		*40 - 130*	*10/01/25 06:38*	*10/02/25 01:58*	*1*
13C8 FOSA	*78.1*		*40 - 130*	*10/01/25 06:38*	*10/02/25 01:58*	*1*
d3-NMeFOSAA	*80.6*		*40 - 135*	*10/01/25 06:38*	*10/02/25 01:58*	*1*
d5-NEtFOSAA	*72.6*		*40 - 150*	*10/01/25 06:38*	*10/02/25 01:58*	*1*
13C2 4:2 FTS	*72.6*		*40 - 165*	*10/01/25 06:38*	*10/02/25 01:58*	*1*
13C2 6:2 FTS	*79.4*		*40 - 215*	*10/01/25 06:38*	*10/02/25 01:58*	*1*
13C2 8:2 FTS	*76.9*		*40 - 275*	*10/01/25 06:38*	*10/02/25 01:58*	*1*
13C3 HFPO-DA	*71.9*		*40 - 130*	*10/01/25 06:38*	*10/02/25 01:58*	*1*
d7-N-MeFOSE-M	*50.0*		*20 - 130*	*10/01/25 06:38*	*10/02/25 01:58*	*1*
d9-N-EtFOSE-M	*36.0*		*15 - 130*	*10/01/25 06:38*	*10/02/25 01:58*	*1*
d5-NEtPFOSA	*60.5*		*10 - 130*	*10/01/25 06:38*	*10/02/25 01:58*	*1*
d3-NMePFOSA	*69.0*		*10 - 130*	*10/01/25 06:38*	*10/02/25 01:58*	*1*
13C2 PFDoA	*73.6*		*40 - 130*	*10/01/25 06:38*	*10/02/25 01:58*	*1*

Lab Sample ID: LCS 410-707239/2-A
Matrix: Solid
Analysis Batch: 707700

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 707239

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
Perfluorobutanoic acid (PFBA)	4.93	4.268		ug/Kg		87	70 - 140
Perfluoropentanoic acid (PFPeA)	2.46	2.284		ug/Kg		93	60 - 150
Perfluorohexanoic acid (PFHxA)	2.46	2.326		ug/Kg		94	65 - 140
Perfluoroheptanoic acid (PFHpA)	2.46	2.331		ug/Kg		95	65 - 145
Perfluorooctanoic acid (PFOA)	2.46	2.193		ug/Kg		89	70 - 150
Perfluorononanoic acid (PFNA)	2.46	2.352		ug/Kg		96	70 - 155
Perfluorodecanoic acid (PFDA)	2.46	2.321		ug/Kg		94	70 - 155

Method: 1633A - Per- and Polyfluoroalkyl Substances by LC/MS/MS, 1633A (Continued)

Lab Sample ID: LCS 410-707239/2-A
Matrix: Solid
Analysis Batch: 707700

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 707239

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
Perfluoroundecanoic acid (PFUnA)	2.46	2.724		ug/Kg		111	70 - 155
Perfluorododecanoic acid (PFDoA)	2.46	2.256		ug/Kg		92	70 - 150
Perfluorotridecanoic acid (PFTrDA)	2.46	2.406		ug/Kg		98	65 - 150
Perfluorotetradecanoic acid (PFTeDA)	2.46	2.151		ug/Kg		87	65 - 150
Perfluorobutanesulfonic acid (PFBS)	2.19	1.930		ug/Kg		88	65 - 145
Perfluoropentanesulfonic acid (PFPeS)	2.32	2.095		ug/Kg		91	55 - 160
Perfluorohexanesulfonic acid (PFHxS)	2.25	1.988		ug/Kg		89	60 - 150
Perfluoroheptanesulfonic acid (PFHpS)	2.35	2.363		ug/Kg		101	65 - 155
Perfluorooctanesulfonic acid (PFOS)	2.29	2.031		ug/Kg		89	65 - 160
Perfluorononanesulfonic acid (PFNS)	2.37	2.088		ug/Kg		88	55 - 140
Perfluorodecanesulfonic acid (PFDS)	2.37	2.029		ug/Kg		85	40 - 155
Perfluorododecanesulfonic acid (PFDoS)	2.39	1.549		ug/Kg		65	25 - 160
1H,1H,2H,2H-Perfluorohexane sulfonic acid (4:2 FTS)	4.62	4.564		ug/Kg		99	60 - 150
1H,1H,2H,2H-Perfluorooctane sulfonic acid (6:2 FTS)	4.69	4.283		ug/Kg		91	55 - 200
1H,1H,2H,2H-Perfluorodecane sulfonic acid (8:2 FTS)	4.73	4.228		ug/Kg		89	70 - 150
Perfluorooctanesulfonamide (PFOSA)	2.46	2.296		ug/Kg		93	70 - 140
N-methylperfluorooctane sulfonamide (NMeFOSA)	2.46	2.246		ug/Kg		91	70 - 155
N-ethylperfluorooctane sulfonamide (NEtFOSA)	2.46	2.313		ug/Kg		94	70 - 140
N-methylperfluorooctanesulfonamidoacetic acid (NMeFOSAA)	2.46	2.227		ug/Kg		90	65 - 155
N-ethylperfluorooctanesulfonamidoacetic acid (NEtFOSAA)	2.46	2.094		ug/Kg		85	65 - 165
N-methylperfluorooctane sulfonamidoethanol (NMeFOSE)	12.3	11.68		ug/Kg		95	70 - 140
N-ethylperfluorooctane sulfonamidoethanol (NEtFOSE)	12.3	12.94		ug/Kg		105	70 - 135
Hexafluoropropylene Oxide Dimer Acid (HFPO-DA)	1.85	1.681		ug/Kg		91	70 - 145
4,8-Dioxa-3H-perfluorononanoic acid (ADONA)	2.33	2.279		ug/Kg		98	70 - 160
Perfluoro-3-methoxypropanoic acid (PFMPA)	2.46	2.405		ug/Kg		98	30 - 140
Perfluoro-4-methoxybutanoic acid (PFMBA)	2.46	2.426		ug/Kg		99	60 - 150
Nonafluoro-3,6-dioxaheptanoic acid (NFDHA)	2.46	2.188		ug/Kg		89	60 - 155

Method: 1633A - Per- and Polyfluoroalkyl Substances by LC/MS/MS, 1633A (Continued)

Lab Sample ID: LCS 410-707239/2-A
Matrix: Solid
Analysis Batch: 707700

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 707239

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
9-Chlorohexadecafluoro-3-oxanonane-1-sulfonic acid (9Cl-PF3ONS)	2.30	2.167		ug/Kg		94	70 - 150
11-Chloroeicosafluoro-3-oxaundecane-1-sulfonic acid (11Cl-PF3OUdS)	2.33	1.811		ug/Kg		78	45 - 160
Perfluoro (2-ethoxyethane) sulfonic acid (PFEESA)	2.20	2.108		ug/Kg		96	70 - 140
3-Perfluoropropylpropanoic acid (3:3 FTCA)	4.93	4.658		ug/Kg		95	45 - 130
3-Perfluoropentylpropanoic acid (5:3 FTCA)	12.3	10.88		ug/Kg		88	60 - 130
3-Perfluoroheptylpropanoic acid (7:3 FTCA)	12.3	10.14		ug/Kg		82	60 - 150

Isotope Dilution	*LCS %Recovery*	*LCS Qualifier*	*Limits*
13C4 PFBA	*99.2*		*8 - 130*
13C5 PFPeA	*83.1*		*35 - 130*
13C5 PFHxA	*84.7*		*40 - 130*
13C4 PFHpA	*88.1*		*40 - 130*
13C8 PFOA	*92.3*		*40 - 130*
13C9 PFNA	*86.5*		*40 - 130*
13C6 PFDA	*85.9*		*40 - 130*
13C7 PFUnA	*77.3*		*40 - 130*
13C2 PFTeDA	*59.4*		*20 - 130*
13C3 PFBS	*90.3*		*40 - 135*
13C3 PFHxS	*92.9*		*40 - 130*
13C8 PFOS	*91.1*		*40 - 130*
13C8 FOSA	*93.0*		*40 - 130*
d3-NMeFOSAA	*88.0*		*40 - 135*
d5-NEtFOSAA	*81.3*		*40 - 150*
13C2 4:2 FTS	*78.5*		*40 - 165*
13C2 6:2 FTS	*91.1*		*40 - 215*
13C2 8:2 FTS	*95.9*		*40 - 275*
13C3 HFPO-DA	*84.5*		*40 - 130*
d7-N-MeFOSE-M	*57.1*		*20 - 130*
d9-N-EtFOSE-M	*41.6*		*15 - 130*
d5-NEtPFOSA	*70.0*		*10 - 130*
d3-NMePFOSA	*80.6*		*10 - 130*
13C2 PFDoA	*77.2*		*40 - 130*

Lab Sample ID: LLCS 410-707239/3-A
Matrix: Solid
Analysis Batch: 707700

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 707239

Analyte	Spike Added	LLCS Result	LLCS Qualifier	Unit	D	%Rec	%Rec Limits
Perfluorobutanoic acid (PFBA)	0.490	0.396		ug/Kg		81	70 - 140
Perfluoropentanoic acid (PFPeA)	0.245	0.219		ug/Kg		89	60 - 150
Perfluorohexanoic acid (PFHxA)	0.245	0.223		ug/Kg		91	65 - 140
Perfluoroheptanoic acid (PFHpA)	0.245	0.214		ug/Kg		87	65 - 145
Perfluorooctanoic acid (PFOA)	0.245	0.236		ug/Kg		96	70 - 150

Method: 1633A - Per- and Polyfluoroalkyl Substances by LC/MS/MS, 1633A (Continued)

Lab Sample ID: LLCS 410-707239/3-A
Matrix: Solid
Analysis Batch: 707700

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 707239

Analyte	Spike Added	LLCS Result	LLCS Qualifier	Unit	D	%Rec	%Rec Limits
Perfluorononanoic acid (PFNA)	0.245	0.232		ug/Kg		94	70 - 155
Perfluorodecanoic acid (PFDA)	0.245	0.215		ug/Kg		88	70 - 155
Perfluoroundecanoic acid (PFUnA)	0.245	0.380		ug/Kg		155	70 - 155
Perfluorododecanoic acid (PFDoA)	0.245	0.208		ug/Kg		85	70 - 150
Perfluorotridecanoic acid (PFTrDA)	0.245	0.238		ug/Kg		97	65 - 150
Perfluorotetradecanoic acid (PFTeDA)	0.245	0.217		ug/Kg		89	65 - 150
Perfluorobutanesulfonic acid (PFBS)	0.218	0.188	J	ug/Kg		86	65 - 145
Perfluoropentanesulfonic acid (PFPeS)	0.230	0.195	J	ug/Kg		85	55 - 160
Perfluorohexanesulfonic acid (PFHxS)	0.224	0.199	J	ug/Kg		89	60 - 150
Perfluoroheptanesulfonic acid (PFHpS)	0.234	0.229		ug/Kg		98	65 - 155
Perfluorooctanesulfonic acid (PFOS)	0.228	0.217		ug/Kg		95	65 - 160
Perfluorononanesulfonic acid (PFNS)	0.236	0.197	J	ug/Kg		83	55 - 140
Perfluorodecanesulfonic acid (PFDS)	0.236	0.206		ug/Kg		87	40 - 155
Perfluorododecanesulfonic acid (PFDoS)	0.238	0.181	J	ug/Kg		76	25 - 160
1H,1H,2H,2H-Perfluorohexane sulfonic acid (4:2 FTS)	0.460	0.411		ug/Kg		89	60 - 150
1H,1H,2H,2H-Perfluorooctane sulfonic acid (6:2 FTS)	0.467	0.434		ug/Kg		93	55 - 200
1H,1H,2H,2H-Perfluorodecane sulfonic acid (8:2 FTS)	0.471	0.487		ug/Kg		103	70 - 150
Perfluorooctanesulfonamide (PFOSA)	0.245	0.250		ug/Kg		102	70 - 140
N-methylperfluorooctane sulfonamide (NMeFOSA)	0.245	0.234		ug/Kg		95	70 - 155
N-ethylperfluorooctane sulfonamide (NEtFOSA)	0.245	0.219		ug/Kg		89	70 - 140
N-methylperfluorooctanesulfonamidoacetic acid (NMeFOSAA)	0.245	0.171	J	ug/Kg		70	65 - 155
N-ethylperfluorooctanesulfonamidoacetic acid (NEtFOSAA)	0.245	0.208		ug/Kg		85	65 - 165
N-methylperfluorooctane sulfonamidoethanol (NMeFOSE)	1.23	1.225		ug/Kg		100	70 - 140
N-ethylperfluorooctane sulfonamidoethanol (NEtFOSE)	1.23	1.462		ug/Kg		119	70 - 135
Hexafluoropropylene Oxide Dimer Acid (HFPO-DA)	0.184	0.198	J	ug/Kg		108	70 - 145
4,8-Dioxa-3H-perfluorononanoic acid (ADONA)	0.232	0.235		ug/Kg		101	70 - 160
Perfluoro-3-methoxypropanoic acid (PFMPA)	0.245	0.228		ug/Kg		93	30 - 140
Perfluoro-4-methoxybutanoic acid (PFMBA)	0.245	0.232		ug/Kg		94	60 - 150

Method: 1633A - Per- and Polyfluoroalkyl Substances by LC/MS/MS, 1633A (Continued)

Lab Sample ID: LLCS 410-707239/3-A
Matrix: Solid
Analysis Batch: 707700

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 707239

Analyte	Spike Added	LLCS Result	LLCS Qualifier	Unit	D	%Rec	%Rec Limits
Nonafluoro-3,6-dioxaheptanoic acid (NFDHA)	0.245	0.236		ug/Kg		96	60 - 155
9-Chlorohexadecafluoro-3-oxanonane-1-sulfonic acid (9Cl-PF3ONS)	0.229	0.227		ug/Kg		99	70 - 150
11-Chloroeicosafluoro-3-oxaundecane-1-sulfonic acid (11Cl-PF3OUdS)	0.231	0.205		ug/Kg		89	45 - 160
Perfluoro (2-ethoxyethane) sulfonic acid (PFEESA)	0.219	0.166	J	ug/Kg		76	70 - 140
3-Perfluoropropylpropanoic acid (3:3 FTCA)	0.490	0.472		ug/Kg		96	45 - 130
3-Perfluoropentylpropanoic acid (5:3 FTCA)	1.23	1.166		ug/Kg		95	60 - 130
3-Perfluoroheptylpropanoic acid (7:3 FTCA)	1.23	1.094		ug/Kg		89	60 - 150

Isotope Dilution	*LLCS %Recovery*	*LLCS Qualifier*	*Limits*
13C4 PFBA	*100*		*8 - 130*
13C5 PFPeA	*86.5*		*35 - 130*
13C5 PFHxA	*92.6*		*40 - 130*
13C4 PFHpA	*94.3*		*40 - 130*
13C8 PFOA	*92.8*		*40 - 130*
13C9 PFNA	*92.1*		*40 - 130*
13C6 PFDA	*87.5*		*40 - 130*
13C7 PFUnA	*81.4*		*40 - 130*
13C2 PFTeDA	*80.9*		*20 - 130*
13C3 PFBS	*88.2*		*40 - 135*
13C3 PFHxS	*89.1*		*40 - 130*
13C8 PFOS	*85.9*		*40 - 130*
13C8 FOSA	*86.9*		*40 - 130*
d3-NMeFOSAA	*87.3*		*40 - 135*
d5-NEtFOSAA	*84.9*		*40 - 150*
13C2 4:2 FTS	*83.9*		*40 - 165*
13C2 6:2 FTS	*97.0*		*40 - 215*
13C2 8:2 FTS	*104*		*40 - 275*
13C3 HFPO-DA	*85.8*		*40 - 130*
d7-N-MeFOSE-M	*62.0*		*20 - 130*
d9-N-EtFOSE-M	*48.2*		*15 - 130*
d5-NEtPFOSA	*64.8*		*10 - 130*
d3-NMePFOSA	*71.3*		*10 - 130*
13C2 PFDoA	*91.5*		*40 - 130*

Lab Sample ID: 460-335747-16 MS
Matrix: Solid
Analysis Batch: 707700

Client Sample ID: 54D_4-8
Prep Type: Total/NA
Prep Batch: 707239

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec Limits
Perfluorobutanoic acid (PFBA)	0.40	U	4.98	4.573		ug/Kg	☼	92	70 - 140
Perfluoropentanoic acid (PFPeA)	0.20	U	2.49	2.467		ug/Kg	☼	99	60 - 150
Perfluorohexanoic acid (PFHxA)	0.20	U	2.49	2.555		ug/Kg	☼	103	65 - 140

Method: 1633A - Per- and Polyfluoroalkyl Substances by LC/MS/MS, 1633A (Continued)

Lab Sample ID: 460-335747-16 MS
Matrix: Solid
Analysis Batch: 707700

Client Sample ID: 54D_4-8
Prep Type: Total/NA
Prep Batch: 707239

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec Limits
Perfluoroheptanoic acid (PFHpA)	0.12	J	2.49	2.379		ug/Kg	☼	91	65 - 145
Perfluorooctanoic acid (PFOA)	0.18	J	2.49	2.655		ug/Kg	☼	100	70 - 150
Perfluorononanoic acid (PFNA)	0.57		2.49	2.955		ug/Kg	☼	96	70 - 155
Perfluorodecanoic acid (PFDA)	1.71		2.49	4.582		ug/Kg	☼	115	70 - 155
Perfluoroundecanoic acid (PFUnA)	11.7		2.49	15.86	*	ug/Kg	☼	169	70 - 155
Perfluorododecanoic acid (PFDoA)	1.00		2.49	3.718		ug/Kg	☼	109	70 - 150
Perfluorotridecanoic acid (PFTrDA)	4.15		2.49	7.806	*	ug/Kg	☼	314	65 - 150
Perfluorotetradecanoic acid (PFTeDA)	0.16	J	2.49	2.684		ug/Kg	☼	108	65 - 150
Perfluorobutanesulfonic acid (PFBS)	0.20	U	2.21	2.124		ug/Kg	☼	96	65 - 145
Perfluoropentanesulfonic acid (PFPeS)	0.20	U	2.34	2.209		ug/Kg	☼	94	55 - 160
Perfluorohexanesulfonic acid (PFHxS)	0.20	U	2.27	2.216		ug/Kg	☼	98	60 - 150
Perfluoroheptanesulfonic acid (PFHpS)	0.20	U	2.37	2.558		ug/Kg	☼	108	65 - 155
Perfluorooctanesulfonic acid (PFOS)	0.20	U	2.31	2.184		ug/Kg	☼	94	65 - 160
Perfluorononanesulfonic acid (PFNS)	0.20	U	2.39	2.253		ug/Kg	☼	94	55 - 140
Perfluorodecanesulfonic acid (PFDS)	0.20	U	2.40	2.100		ug/Kg	☼	88	40 - 155
Perfluorododecanesulfonic acid (PFDoS)	0.20	U	2.41	1.397		ug/Kg	☼	58	25 - 160
1H,1H,2H,2H-Perfluorohexane sulfonic acid (4:2 FTS)	0.40	U	4.67	4.626		ug/Kg	☼	99	60 - 150
1H,1H,2H,2H-Perfluorooctane sulfonic acid (6:2 FTS)	0.21	J	4.74	4.594		ug/Kg	☼	92	55 - 200
1H,1H,2H,2H-Perfluorodecane sulfonic acid (8:2 FTS)	1.57		4.78	5.966		ug/Kg	☼	92	70 - 150
Perfluorooctanesulfonamide (PFOSA)	0.20	U	2.49	2.431		ug/Kg	☼	98	70 - 140
N-methylperfluorooctane sulfonamide (NMeFOSA)	0.20	U	2.49	2.363		ug/Kg	☼	95	70 - 155
N-ethylperfluorooctane sulfonamide (NEtFOSA)	0.20	U	2.49	2.468		ug/Kg	☼	99	70 - 140
N-methylperfluorooctanesulfonamidoacetic acid (NMeFOSAA)	0.20	U	2.49	2.318		ug/Kg	☼	93	65 - 155
N-ethylperfluorooctanesulfonamidoacetic acid (NEtFOSAA)	0.20	U	2.49	2.196		ug/Kg	☼	88	65 - 165
N-methylperfluorooctane sulfonamidoethanol (NMeFOSE)	0.99	U	12.4	11.96		ug/Kg	☼	96	70 - 140
N-ethylperfluorooctane sulfonamidoethanol (NEtFOSE)	0.99	U	12.4	12.45		ug/Kg	☼	100	70 - 135
Hexafluoropropylene Oxide Dimer Acid (HFPO-DA)	0.20	U	1.87	1.738		ug/Kg	☼	93	70 - 145
4,8-Dioxa-3H-perfluorononanoic acid (ADONA)	0.20	U	2.35	2.344		ug/Kg	☼	100	70 - 160
Perfluoro-3-methoxypropanoic acid (PFMPA)	0.20	U	2.49	2.483		ug/Kg	☼	100	30 - 140

Method: 1633A - Per- and Polyfluoroalkyl Substances by LC/MS/MS, 1633A (Continued)

Lab Sample ID: 460-335747-16 MS
Matrix: Solid
Analysis Batch: 707700

Client Sample ID: 54D_4-8
Prep Type: Total/NA
Prep Batch: 707239

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec Limits
Perfluoro-4-methoxybutanoic acid (PFMBA)	0.20	U	2.49	2.511		ug/Kg	☼	101	60 - 150
Nonafluoro-3,6-dioxaheptanoic acid (NFDHA)	0.20	U	2.49	2.457		ug/Kg	☼	99	60 - 155
9-Chlorohexadecafluoro-3-oxanonane-1-sulfonic acid (9Cl-PF3ONS)	0.20	U	2.32	2.274		ug/Kg	☼	98	70 - 150
11-Chloroeicosafluoro-3-oxaundecane-1-sulfonic acid (11Cl-PF3OUdS)	0.20	U	2.35	1.776		ug/Kg	☼	76	45 - 160
Perfluoro (2-ethoxyethane) sulfonic acid (PFEESA)	0.20	U	2.22	2.199		ug/Kg	☼	99	70 - 140
3-Perfluoropropylpropanoic acid (3:3 FTCA)	0.40	U	4.98	4.832		ug/Kg	☼	97	45 - 130
3-Perfluoropentylpropanoic acid (5:3 FTCA)	0.99	U	12.4	11.95		ug/Kg	☼	96	60 - 130
3-Perfluoroheptylpropanoic acid (7:3 FTCA)	0.99	U	12.4	10.66		ug/Kg	☼	86	60 - 150

Isotope Dilution	*MS %Recovery*	*MS Qualifier*	*Limits*
13C4 PFBA	*99.6*		*8 - 130*
13C5 PFPeA	*85.9*		*35 - 130*
13C5 PFHxA	*86.9*		*40 - 130*
13C4 PFHpA	*93.1*		*40 - 130*
13C8 PFOA	*95.6*		*40 - 130*
13C9 PFNA	*91.4*		*40 - 130*
13C6 PFDA	*86.6*		*40 - 130*
13C7 PFUnA	*75.2*		*40 - 130*
13C2 PFTeDA	*50.5*		*20 - 130*
13C3 PFBS	*83.8*		*40 - 135*
13C3 PFHxS	*83.0*		*40 - 130*
13C8 PFOS	*86.7*		*40 - 130*
13C8 FOSA	*92.1*		*40 - 130*
d3-NMeFOSAA	*91.4*		*40 - 135*
d5-NEtFOSAA	*81.6*		*40 - 150*
13C2 4:2 FTS	*89.3*		*40 - 165*
13C2 6:2 FTS	*94.3*		*40 - 215*
13C2 8:2 FTS	*91.9*		*40 - 275*
13C3 HFPO-DA	*86.1*		*40 - 130*
d7-N-MeFOSE-M	*56.5*		*20 - 130*
d9-N-EtFOSE-M	*49.1*		*15 - 130*
d5-NEtPFOSA	*67.9*		*10 - 130*
d3-NMePFOSA	*78.2*		*10 - 130*
13C2 PFDoA	*75.1*		*40 - 130*

Lab Sample ID: 460-335747-16 MSD
Matrix: Solid
Analysis Batch: 707700

Client Sample ID: 54D_4-8
Prep Type: Total/NA
Prep Batch: 707239

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Perfluorobutanoic acid (PFBA)	0.40	U	5.00	4.495		ug/Kg	☼	90	70 - 140	2	30

Method: 1633A - Per- and Polyfluoroalkyl Substances by LC/MS/MS, 1633A (Continued)

Lab Sample ID: 460-335747-16 MSD
Matrix: Solid
Analysis Batch: 707700

Client Sample ID: 54D_4-8
Prep Type: Total/NA
Prep Batch: 707239

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Perfluoropentanoic acid (PFPeA)	0.20	U	2.50	2.381		ug/Kg	☼	95	60 - 150	4	30
Perfluorohexanoic acid (PFHxA)	0.20	U	2.50	2.350		ug/Kg	☼	94	65 - 140	8	30
Perfluoroheptanoic acid (PFHpA)	0.12	J	2.50	2.470		ug/Kg	☼	94	65 - 145	4	30
Perfluorooctanoic acid (PFOA)	0.18	J	2.50	2.519		ug/Kg	☼	94	70 - 150	5	30
Perfluorononanoic acid (PFNA)	0.57		2.50	2.914		ug/Kg	☼	94	70 - 155	1	30
Perfluorodecanoic acid (PFDA)	1.71		2.50	4.472		ug/Kg	☼	110	70 - 155	2	30
Perfluoroundecanoic acid (PFUnA)	11.7		2.50	16.63	*	ug/Kg	☼	199	70 - 155	5	30
Perfluorododecanoic acid (PFDoA)	1.00		2.50	3.665		ug/Kg	☼	106	70 - 150	1	30
Perfluorotridecanoic acid (PFTrDA)	4.15		2.50	8.347	*	ug/Kg	☼	334	65 - 150	7	30
Perfluorotetradecanoic acid (PFTeDA)	0.16	J	2.50	2.489		ug/Kg	☼	100	65 - 150	8	30
Perfluorobutanesulfonic acid (PFBS)	0.20	U	2.22	2.150		ug/Kg	☼	97	65 - 145	1	30
Perfluoropentanesulfonic acid (PFPeS)	0.20	U	2.35	2.164		ug/Kg	☼	92	55 - 160	2	30
Perfluorohexanesulfonic acid (PFHxS)	0.20	U	2.28	2.180		ug/Kg	☼	96	60 - 150	2	30
Perfluoroheptanesulfonic acid (PFHpS)	0.20	U	2.39	2.433		ug/Kg	☼	102	65 - 155	5	30
Perfluorooctanesulfonic acid (PFOS)	0.20	U	2.33	2.127		ug/Kg	☼	92	65 - 160	3	30
Perfluorononanesulfonic acid (PFNS)	0.20	U	2.41	2.157		ug/Kg	☼	90	55 - 140	4	30
Perfluorodecanesulfonic acid (PFDS)	0.20	U	2.41	2.038		ug/Kg	☼	85	40 - 155	3	30
Perfluorododecanesulfonic acid (PFDoS)	0.20	U	2.43	1.698		ug/Kg	☼	70	25 - 160	19	30
1H,1H,2H,2H-Perfluorohexane sulfonic acid (4:2 FTS)	0.40	U	4.69	4.849		ug/Kg	☼	103	60 - 150	5	30
1H,1H,2H,2H-Perfluorooctane sulfonic acid (6:2 FTS)	0.21	J	4.76	4.676		ug/Kg	☼	94	55 - 200	2	30
1H,1H,2H,2H-Perfluorodecane sulfonic acid (8:2 FTS)	1.57		4.80	6.535		ug/Kg	☼	103	70 - 150	9	30
Perfluorooctanesulfonamide (PFOSA)	0.20	U	2.50	2.460		ug/Kg	☼	98	70 - 140	1	30
N-methylperfluorooctane sulfonamide (NMeFOSA)	0.20	U	2.50	2.372		ug/Kg	☼	95	70 - 155	0	30
N-ethylperfluorooctane sulfonamide (NEtFOSA)	0.20	U	2.50	2.411		ug/Kg	☼	96	70 - 140	2	30
N-methylperfluorooctanesulfonamidoacetic acid (NMeFOSAA)	0.20	U	2.50	2.383		ug/Kg	☼	95	65 - 155	3	30
N-ethylperfluorooctanesulfonamidoacetic acid (NEtFOSAA)	0.20	U	2.50	2.490		ug/Kg	☼	100	65 - 165	13	30
N-methylperfluorooctane sulfonamidoethanol (NMeFOSE)	0.99	U	12.5	12.53		ug/Kg	☼	100	70 - 140	5	30
N-ethylperfluorooctane sulfonamidoethanol (NEtFOSE)	0.99	U	12.5	12.88		ug/Kg	☼	103	70 - 135	3	30
Hexafluoropropylene Oxide Dimer Acid (HFPO-DA)	0.20	U	1.88	1.701		ug/Kg	☼	91	70 - 145	2	30
4,8-Dioxa-3H-perfluorononanoic acid (ADONA)	0.20	U	2.37	2.299		ug/Kg	☼	97	70 - 160	2	30

Method: 1633A - Per- and Polyfluoroalkyl Substances by LC/MS/MS, 1633A (Continued)

Lab Sample ID: 460-335747-16 MSD
Matrix: Solid
Analysis Batch: 707700

Client Sample ID: 54D_4-8
Prep Type: Total/NA
Prep Batch: 707239

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Perfluoro-3-methoxypropanoic acid (PFMPA)	0.20	U	2.50	2.481		ug/Kg	☼	99	30 - 140	0	30
Perfluoro-4-methoxybutanoic acid (PFMBA)	0.20	U	2.50	2.409		ug/Kg	☼	96	60 - 150	4	30
Nonafluoro-3,6-dioxaheptanoic acid (NFDHA)	0.20	U	2.50	2.301		ug/Kg	☼	92	60 - 155	7	30
9-Chlorohexadecafluoro-3-oxanonane-1-sulfonic acid (9Cl-PF3ONS)	0.20	U	2.34	2.203		ug/Kg	☼	94	70 - 150	3	30
11-Chloroeicosafluoro-3-oxaundecane-1-sulfonic acid (11Cl-PF3OUdS)	0.20	U	2.36	1.881		ug/Kg	☼	80	45 - 160	6	30
Perfluoro (2-ethoxyethane) sulfonic acid (PFEESA)	0.20	U	2.23	2.036		ug/Kg	☼	91	70 - 140	8	30
3-Perfluoropropylpropanoic acid (3:3 FTCA)	0.40	U	5.00	5.023		ug/Kg	☼	100	45 - 130	4	30
3-Perfluoropentylpropanoic acid (5:3 FTCA)	0.99	U	12.5	11.20		ug/Kg	☼	90	60 - 130	6	30
3-Perfluoroheptylpropanoic acid (7:3 FTCA)	0.99	U	12.5	11.56		ug/Kg	☼	92	60 - 150	8	30

Isotope Dilution	*MSD %Recovery*	*MSD Qualifier*	*Limits*
13C4 PFBA	*92.9*		*8 - 130*
13C5 PFPeA	*83.5*		*35 - 130*
13C5 PFHxA	*85.9*		*40 - 130*
13C4 PFHpA	*88.9*		*40 - 130*
13C8 PFOA	*87.2*		*40 - 130*
13C9 PFNA	*90.0*		*40 - 130*
13C6 PFDA	*82.6*		*40 - 130*
13C7 PFUnA	*71.2*		*40 - 130*
13C2 PFTeDA	*62.4*		*20 - 130*
13C3 PFBS	*79.5*		*40 - 135*
13C3 PFHxS	*79.3*		*40 - 130*
13C8 PFOS	*77.0*		*40 - 130*
13C8 FOSA	*80.4*		*40 - 130*
d3-NMeFOSAA	*78.6*		*40 - 135*
d5-NEtFOSAA	*72.2*		*40 - 150*
13C2 4:2 FTS	*83.6*		*40 - 165*
13C2 6:2 FTS	*84.1*		*40 - 215*
13C2 8:2 FTS	*88.0*		*40 - 275*
13C3 HFPO-DA	*84.5*		*40 - 130*
d7-N-MeFOSE-M	*45.5*		*20 - 130*
d9-N-EtFOSE-M	*35.8*		*15 - 130*
d5-NEtPFOSA	*61.5*		*10 - 130*
d3-NMePFOSA	*68.3*		*10 - 130*
13C2 PFDoA	*73.1*		*40 - 130*

Method: 6020B - Metals (ICP/MS)

Lab Sample ID: MB 460-1065016/1-A
Matrix: Solid
Analysis Batch: 1065154

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 1065016

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Aluminum	20.0	U	20.0	5.5	mg/Kg		10/01/25 08:03	10/01/25 19:17	1
Antimony	1.0	U	1.0	0.15	mg/Kg		10/01/25 08:03	10/01/25 19:17	1
Arsenic	1.0	U	1.0	0.10	mg/Kg		10/01/25 08:03	10/01/25 19:17	1
Barium	2.0	U	2.0	0.15	mg/Kg		10/01/25 08:03	10/01/25 19:17	1
Beryllium	0.40	U	0.40	0.022	mg/Kg		10/01/25 08:03	10/01/25 19:17	1
Cadmium	1.0	U	1.0	0.11	mg/Kg		10/01/25 08:03	10/01/25 19:17	1
Calcium	100	U	100	9.7	mg/Kg		10/01/25 08:03	10/01/25 19:17	1
Chromium	2.0	U	2.0	0.30	mg/Kg		10/01/25 08:03	10/01/25 19:17	1
Cobalt	1.0	U	1.0	0.15	mg/Kg		10/01/25 08:03	10/01/25 19:17	1
Copper	2.0	U	2.0	0.37	mg/Kg		10/01/25 08:03	10/01/25 19:17	1
Iron	60.0	U	60.0	7.7	mg/Kg		10/01/25 08:03	10/01/25 19:17	1
Lead	0.60	U	0.60	0.20	mg/Kg		10/01/25 08:03	10/01/25 19:17	1
Magnesium	100	U	100	10.2	mg/Kg		10/01/25 08:03	10/01/25 19:17	1
Manganese	4.0	U	4.0	0.40	mg/Kg		10/01/25 08:03	10/01/25 19:17	1
Nickel	2.0	U	2.0	0.18	mg/Kg		10/01/25 08:03	10/01/25 19:17	1
Potassium	100	U	100	16.2	mg/Kg		10/01/25 08:03	10/01/25 19:17	1
Selenium	1.3	U	1.3	0.13	mg/Kg		10/01/25 08:03	10/01/25 19:17	1
Silver	0.40	U	0.40	0.089	mg/Kg		10/01/25 08:03	10/01/25 19:17	1
Sodium	100	U	100	45.7	mg/Kg		10/01/25 08:03	10/01/25 19:17	1
Thallium	0.40	U	0.40	0.041	mg/Kg		10/01/25 08:03	10/01/25 19:17	1
Vanadium	2.0	U	2.0	0.21	mg/Kg		10/01/25 08:03	10/01/25 19:17	1
Zinc	8.0	U	8.0	1.1	mg/Kg		10/01/25 08:03	10/01/25 19:17	1

Lab Sample ID: LCSSRM 460-1065016/2-A
Matrix: Solid
Analysis Batch: 1065154

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 1065016

Analyte	Spike Added	LCSSRM Result	LCSSRM Qualifier	Unit	D	%Rec	%Rec Limits
Aluminum	6840	5877		mg/Kg		85.9	53.2 - 146.2
Antimony	131	85.86		mg/Kg		65.5	4.5 - 195.4
Arsenic	192	185.4		mg/Kg		96.5	81.3 - 118.8
Barium	219	231.9		mg/Kg		105.9	81.7 - 118.3
Beryllium	146	132.7		mg/Kg		90.9	82.2 - 117.8
Cadmium	114	116.7		mg/Kg		102.4	81.7 - 118.4
Calcium	4080	3870		mg/Kg		94.8	82.4 - 117.6
Chromium	153	150.2		mg/Kg		98.2	81.0 - 119.0
Cobalt	231	227.8		mg/Kg		98.6	83.1 - 117.3
Copper	91.2	89.34		mg/Kg		98.0	83.1 - 117.3
Iron	7020	6042		mg/Kg		86.1	60.7 - 139.2
Lead	141	127.4		mg/Kg		90.3	81.6 - 118.4

Method: 6020B - Metals (ICP/MS) (Continued)

Lab Sample ID: LCSSRM 460-1065016/2-A
Matrix: Solid
Analysis Batch: 1065154

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 1065016

Analyte	Spike Added	LCSSRM Result	LCSSRM Qualifier	Unit	D	%Rec	%Rec Limits
Magnesium	1900	1720		mg/Kg		90.5	76.3 - 123.7
Manganese	401	398.5		mg/Kg		99.4	80.8 - 119.0
Nickel	143	145.8		mg/Kg		102.0	81.8 - 118.9
Potassium	1760	1525		mg/Kg		86.6	72.2 - 127.8
Selenium	94.7	92.78		mg/Kg		98.0	78.5 - 121.4
Silver	77.0	73.52		mg/Kg		95.5	79.4 - 120.6
Sodium	661	702.8		mg/Kg		106.3	73.7 - 126.2
Thallium	183	185.2		mg/Kg		101.2	80.3 - 119.7
Vanadium	159	154.8		mg/Kg		97.4	78.6 - 122.0
Zinc	292	289.1		mg/Kg		99.0	79.8 - 120.2

Lab Sample ID: 460-335747-6 MS
Matrix: Solid
Analysis Batch: 1065154

Client Sample ID: 53C_5-10
Prep Type: Total/NA
Prep Batch: 1065016

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec Limits
Aluminum	5670		538	6604	4	mg/Kg	☼	173	75 - 125
Antimony	0.72	J	5.38	3.12	N	mg/Kg	☼	45	75 - 125
Arsenic	6.8		10.8	17.20		mg/Kg	☼	97	75 - 125
Barium	56.5		10.8	61.73	4	mg/Kg	☼	49	75 - 125
Beryllium	0.50		5.38	5.12		mg/Kg	☼	86	75 - 125
Cadmium	0.46	J	5.38	5.26		mg/Kg	☼	89	75 - 125
Calcium	1750		538	2361		mg/Kg	☼	114	75 - 125
Chromium	18.8		10.8	29.26		mg/Kg	☼	97	75 - 125
Cobalt	4.4		5.38	8.73		mg/Kg	☼	80	75 - 125
Copper	29.6		10.8	42.29		mg/Kg	☼	118	75 - 125
Iron	16000		538	16290	4	mg/Kg	☼	50	75 - 125
Lead	190		5.38	167.2	4	mg/Kg	☼	-425	75 - 125
Magnesium	1760		538	2392		mg/Kg	☼	117	75 - 125
Manganese	133		53.8	190.5		mg/Kg	☼	106	75 - 125
Nickel	10.2		10.8	18.92		mg/Kg	☼	81	75 - 125
Potassium	887		538	1381		mg/Kg	☼	92	75 - 125
Selenium	0.24	J	10.8	9.52		mg/Kg	☼	86	75 - 125
Silver	0.21	J	5.38	5.23		mg/Kg	☼	93	75 - 125
Sodium	213		538	723.6		mg/Kg	☼	95	75 - 125
Thallium	0.069	J	4.30	3.71		mg/Kg	☼	85	75 - 125
Vanadium	19.9		10.8	31.48		mg/Kg	☼	108	75 - 125
Zinc	278		53.8	296.3	4	mg/Kg	☼	34	75 - 125

Method: 6020B - Metals (ICP/MS) (Continued)

Lab Sample ID: 460-335747-6 DU
Matrix: Solid
Analysis Batch: 1065154

Client Sample ID: 53C_5-10
Prep Type: Total/NA
Prep Batch: 1065016

Analyte	Sample Result	Sample Qualifier		DU Result	DU Qualifier	Unit	D			RPD	RPD Limit
Aluminum	5670			5939		mg/Kg	☼			5	20
Antimony	0.72	J		0.733	J	mg/Kg	☼			2	20
Arsenic	6.8			7.98		mg/Kg	☼			16	20
Barium	56.5			60.62		mg/Kg	☼			7	20
Beryllium	0.50			0.813		mg/Kg	☼			48	20
Cadmium	0.46	J		0.434	J	mg/Kg	☼			5	20
Calcium	1750			2607	*	mg/Kg	☼			39	20
Chromium	18.8			25.12	*	mg/Kg	☼			29	20
Cobalt	4.4			5.05		mg/Kg	☼			13	20
Copper	29.6			49.89	*	mg/Kg	☼			51	20
Iron	16000			17970		mg/Kg	☼			12	20
Lead	190			157.6		mg/Kg	☼			19	20
Magnesium	1760			2219	*	mg/Kg	☼			23	20
Manganese	133			148.6		mg/Kg	☼			11	20
Nickel	10.2			24.10	*	mg/Kg	☼			81	20
Potassium	887			888.1		mg/Kg	☼			0.1	20
Selenium	0.24	J		0.386	J	mg/Kg	☼			45	20
Silver	0.21	J		0.253	J	mg/Kg	☼			18	20
Sodium	213			153.2		mg/Kg	☼			33	20
Thallium	0.069	J		0.0640	J	mg/Kg	☼			8	20
Vanadium	19.9			21.90		mg/Kg	☼			10	20
Zinc	278			319.3		mg/Kg	☼			14	20

Method: 7471B - Mercury (CVAA)

Lab Sample ID: MB 460-1064943/1-A
Matrix: Solid
Analysis Batch: 1065187

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 1064943

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	0.017	U	0.017	0.0080	mg/Kg		10/01/25 01:55	10/01/25 16:31	1

Lab Sample ID: LCSSRM 460-1064943/2-A
Matrix: Solid
Analysis Batch: 1065187

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 1064943

Analyte			Spike Added	LCSSRM Result	LCSSRM Qualifier	Unit	D	%Rec	%Rec Limits		
Mercury			14.1	12.54		mg/Kg		88.9	69.6 - 130.5		

Lab Sample ID: 460-335788-E-4-I MS
Matrix: Solid
Analysis Batch: 1065187

Client Sample ID: Matrix Spike
Prep Type: Total/NA
Prep Batch: 1064943

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec Limits		
Mercury	0.038		0.0890	0.122		mg/Kg	☼	94	80 - 120		

Method: 7471B - Mercury (CVAA) (Continued)

Lab Sample ID: 460-335788-E-4-H DU
Matrix: Solid
Analysis Batch: 1065187

Client Sample ID: Duplicate
Prep Type: Total/NA
Prep Batch: 1064943

Analyte	Sample Result	Sample Qualifier		DU Result	DU Qualifier	Unit	D			RPD	RPD Limit
Mercury	0.038			0.0341		mg/Kg	☼			10	20

Lab Sample ID: MB 460-1064945/1-A
Matrix: Solid
Analysis Batch: 1065201

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 1064945

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	0.017	U	0.017	0.0080	mg/Kg		10/01/25 02:19	10/01/25 18:26	1

Lab Sample ID: LCSSRM 460-1064945/2-A
Matrix: Solid
Analysis Batch: 1065201

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 1064945

Analyte			Spike Added	LCSSRM Result	LCSSRM Qualifier	Unit	D	%Rec	%Rec Limits		
Mercury			14.1	13.30		mg/Kg		94.3	69.6 - 130.5		

Lab Sample ID: 460-335747-3 MS
Matrix: Solid
Analysis Batch: 1065201

Client Sample ID: 53B_0-5
Prep Type: Total/NA
Prep Batch: 1064945

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec Limits		
Mercury	0.021		0.0826	0.0962		mg/Kg	☼	91	80 - 120		

Lab Sample ID: 460-335747-3 DU
Matrix: Solid
Analysis Batch: 1065201

Client Sample ID: 53B_0-5
Prep Type: Total/NA
Prep Batch: 1064945

Analyte	Sample Result	Sample Qualifier		DU Result	DU Qualifier	Unit	D			RPD	RPD Limit
Mercury	0.021			0.0221		mg/Kg	☼			5	20

Method: Moisture - Percent Moisture

Lab Sample ID: 460-335747-34 DU
Matrix: Solid
Analysis Batch: 1064401

Client Sample ID: 53C2_5-6
Prep Type: Total/NA

Analyte	Sample Result	Sample Qualifier		DU Result	DU Qualifier	Unit	D			RPD	RPD Limit
Percent Moisture	10.1			19.5	*	%				64	20
Percent Solids	89.9			80.5		%				11	20

Lab Sample ID: 460-335747-54 DU
Matrix: Solid
Analysis Batch: 1064401

Client Sample ID: 53D1_5-6
Prep Type: Total/NA

Analyte	Sample Result	Sample Qualifier		DU Result	DU Qualifier	Unit	D			RPD	RPD Limit
Percent Moisture	11.5			19.8	*	%				53	20
Percent Solids	88.5			80.2		%				10	20

Client: Haley & Aldrich, Inc.
Project/Site: Former Port Mobil

Job ID: 460-335747-1

Method: Moisture - Percent Moisture (Continued)

Lab Sample ID: 460-335744-A-10 DU
Matrix: Solid
Analysis Batch: 1064878

Client Sample ID: Duplicate
Prep Type: Total/NA

Analyte	Sample Result	Sample Qualifier		DU Result	DU Qualifier	Unit	D			RPD	RPD Limit
Percent Moisture	7.5			8.3		%				11	20
Percent Solids	92.5			91.7		%				0.9	20

GC/MS VOA

Prep Batch: 1064147

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
460-335747-17	53A1_7-8	Total/NA	Solid	5035	
460-335747-18	53A2_9-10	Total/NA	Solid	5035	
460-335747-19	53A1_8-9	Total/NA	Solid	5035	
460-335747-20	53A2_5-6	Total/NA	Solid	5035	
460-335747-21	53A1_4-5	Total/NA	Solid	5035	
460-335747-22	53A3_0-1	Total/NA	Solid	5035	
460-335747-23	53A1_2-3	Total/NA	Solid	5035	
460-335747-24	53B2_4-5	Total/NA	Solid	5035	
460-335747-25	53B1_5-6	Total/NA	Solid	5035	
460-335747-26	53B1_7-8	Total/NA	Solid	5035	
460-335747-27	53B3_9-10	Total/NA	Solid	5035	
460-335747-28	53B1_2-3	Total/NA	Solid	5035	
460-335747-29	53B3_1-2	Total/NA	Solid	5035	
460-335747-30	53B2_6-7	Total/NA	Solid	5035	
460-335747-31	53C1_1-2	Total/NA	Solid	5035	
460-335747-32	53C1_9-10	Total/NA	Solid	5035	
460-335747-33	53C3_2-3	Total/NA	Solid	5035	
460-335747-34	53C2_5-6	Total/NA	Solid	5035	
460-335747-35	53C2_4-5	Total/NA	Solid	5035	
460-335747-36	53C3_8-9	Total/NA	Solid	5035	
460-335747-37	53C1_7-8	Total/NA	Solid	5035	
460-335747-38	54D3_1-2	Total/NA	Solid	5035	
460-335747-39	54D3_2-3	Total/NA	Solid	5035	
460-335747-40	54D1_0-1	Total/NA	Solid	5035	

Prep Batch: 1064149

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
460-335747-41	54C1_4-5	Total/NA	Solid	5035	
460-335747-42	54C3_1-2	Total/NA	Solid	5035	
460-335747-43	54C3_5-6	Total/NA	Solid	5035	
460-335747-44	54C1_7-8	Total/NA	Solid	5035	
460-335747-45	54C2_2-3	Total/NA	Solid	5035	
460-335747-46	54C1_3-4	Total/NA	Solid	5035	
460-335747-47	54C2_6-7	Total/NA	Solid	5035	
460-335747-48	54B2_4-5	Total/NA	Solid	5035	
460-335747-49	53D3_7-8	Total/NA	Solid	5035	
460-335747-50	53D1_0-1	Total/NA	Solid	5035	
460-335747-51	53D2_3-4	Total/NA	Solid	5035	
460-335747-52	53D3_2-3	Total/NA	Solid	5035	
460-335747-53	53D2_4-5	Total/NA	Solid	5035	
460-335747-54	53D1_5-6	Total/NA	Solid	5035	
460-335747-55	53D1_6-7	Total/NA	Solid	5035	
460-335747-56	54D2_4-5	Total/NA	Solid	5035	
460-335747-57	54D1_6-7	Total/NA	Solid	5035	
460-335747-58	54D1_5-6	Total/NA	Solid	5035	
460-335747-59	54D2_3-4	Total/NA	Solid	5035	
460-335747-60	54B3_5-6	Total/NA	Solid	5035	
460-335747-61	54B3_6-7	Total/NA	Solid	5035	
460-335747-62	54B1_0-1	Total/NA	Solid	5035	
460-335747-63	54B2_7-8	Total/NA	Solid	5035	
460-335747-64	54B1_2-3	Total/NA	Solid	5035	

GC/MS VOA

Prep Batch: 1064156

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
460-335747-65	54B2_3-4	Total/NA	Solid	5035	
460-335747-66	54A1_0-1	Total/NA	Solid	5035	
460-335747-67	54A3_5-6	Total/NA	Solid	5035	
460-335747-68	54A1_7-8	Total/NA	Solid	5035	
460-335747-69	54A3_2-3	Total/NA	Solid	5035	
460-335747-70	54A2_1-2	Total/NA	Solid	5035	
460-335747-71	54A1_4-5	Total/NA	Solid	5035	
460-335747-72	54A2_6-7	Total/NA	Solid	5035	

Analysis Batch: 1064575

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
460-335747-17	53A1_7-8	Total/NA	Solid	8260D	1064147
460-335747-18	53A2_9-10	Total/NA	Solid	8260D	1064147
460-335747-19	53A1_8-9	Total/NA	Solid	8260D	1064147
460-335747-20	53A2_5-6	Total/NA	Solid	8260D	1064147
460-335747-21	53A1_4-5	Total/NA	Solid	8260D	1064147
460-335747-22	53A3_0-1	Total/NA	Solid	8260D	1064147
460-335747-23	53A1_2-3	Total/NA	Solid	8260D	1064147
460-335747-24	53B2_4-5	Total/NA	Solid	8260D	1064147
460-335747-25	53B1_5-6	Total/NA	Solid	8260D	1064147
460-335747-26	53B1_7-8	Total/NA	Solid	8260D	1064147
460-335747-27	53B3_9-10	Total/NA	Solid	8260D	1064147
460-335747-28	53B1_2-3	Total/NA	Solid	8260D	1064147
MB 460-1064575/7	Method Blank	Total/NA	Solid	8260D	
LCS 460-1064575/3	Lab Control Sample	Total/NA	Solid	8260D	
LCSD 460-1064575/4	Lab Control Sample Dup	Total/NA	Solid	8260D	

Analysis Batch: 1064680

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
460-335747-29	53B3_1-2	Total/NA	Solid	8260D	1064147
460-335747-30	53B2_6-7	Total/NA	Solid	8260D	1064147
460-335747-31	53C1_1-2	Total/NA	Solid	8260D	1064147
460-335747-32	53C1_9-10	Total/NA	Solid	8260D	1064147
460-335747-33	53C3_2-3	Total/NA	Solid	8260D	1064147
460-335747-34	53C2_5-6	Total/NA	Solid	8260D	1064147
460-335747-35	53C2_4-5	Total/NA	Solid	8260D	1064147
460-335747-36	53C3_8-9	Total/NA	Solid	8260D	1064147
460-335747-37	53C1_7-8	Total/NA	Solid	8260D	1064147
460-335747-38	54D3_1-2	Total/NA	Solid	8260D	1064147
460-335747-39	54D3_2-3	Total/NA	Solid	8260D	1064147
460-335747-40	54D1_0-1	Total/NA	Solid	8260D	1064147
MB 460-1064680/8	Method Blank	Total/NA	Solid	8260D	
LCS 460-1064680/3	Lab Control Sample	Total/NA	Solid	8260D	
LCSD 460-1064680/4	Lab Control Sample Dup	Total/NA	Solid	8260D	

Analysis Batch: 1064681

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
460-335747-46	54C1_3-4	Total/NA	Solid	8260D	1064149
460-335747-47	54C2_6-7	Total/NA	Solid	8260D	1064149
460-335747-48	54B2_4-5	Total/NA	Solid	8260D	1064149
460-335747-49	53D3_7-8	Total/NA	Solid	8260D	1064149

GC/MS VOA (Continued)

Analysis Batch: 1064681 (Continued)

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
460-335747-50	53D1_0-1	Total/NA	Solid	8260D	1064149
460-335747-51	53D2_3-4	Total/NA	Solid	8260D	1064149
MB 460-1064681/6	Method Blank	Total/NA	Solid	8260D	
LCS 460-1064681/2	Lab Control Sample	Total/NA	Solid	8260D	
LCSD 460-1064681/3	Lab Control Sample Dup	Total/NA	Solid	8260D	

Analysis Batch: 1064825

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
460-335747-41	54C1_4-5	Total/NA	Solid	8260D	1064149
460-335747-42	54C3_1-2	Total/NA	Solid	8260D	1064149
460-335747-43	54C3_5-6	Total/NA	Solid	8260D	1064149
460-335747-44	54C1_7-8	Total/NA	Solid	8260D	1064149
460-335747-45	54C2_2-3	Total/NA	Solid	8260D	1064149
460-335747-52	53D3_2-3	Total/NA	Solid	8260D	1064149
460-335747-53	53D2_4-5	Total/NA	Solid	8260D	1064149
460-335747-54	53D1_5-6	Total/NA	Solid	8260D	1064149
460-335747-55	53D1_6-7	Total/NA	Solid	8260D	1064149
460-335747-56	54D2_4-5	Total/NA	Solid	8260D	1064149
460-335747-57	54D1_6-7	Total/NA	Solid	8260D	1064149
460-335747-58	54D1_5-6	Total/NA	Solid	8260D	1064149
460-335747-59	54D2_3-4	Total/NA	Solid	8260D	1064149
460-335747-60	54B3_5-6	Total/NA	Solid	8260D	1064149
460-335747-61	54B3_6-7	Total/NA	Solid	8260D	1064149
460-335747-62	54B1_0-1	Total/NA	Solid	8260D	1064149
460-335747-63	54B2_7-8	Total/NA	Solid	8260D	1064149
460-335747-64	54B1_2-3	Total/NA	Solid	8260D	1064149
MB 460-1064825/8	Method Blank	Total/NA	Solid	8260D	
LCS 460-1064825/3	Lab Control Sample	Total/NA	Solid	8260D	
LCSD 460-1064825/4	Lab Control Sample Dup	Total/NA	Solid	8260D	

Analysis Batch: 1064829

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
460-335747-67	54A3_5-6	Total/NA	Solid	8260D	1064156
460-335747-69	54A3_2-3	Total/NA	Solid	8260D	1064156
460-335747-70	54A2_1-2	Total/NA	Solid	8260D	1064156
460-335747-71	54A1_4-5	Total/NA	Solid	8260D	1064156
460-335747-72	54A2_6-7	Total/NA	Solid	8260D	1064156
MB 460-1064829/7	Method Blank	Total/NA	Solid	8260D	
LCS 460-1064829/2	Lab Control Sample	Total/NA	Solid	8260D	
LCSD 460-1064829/3	Lab Control Sample Dup	Total/NA	Solid	8260D	

Analysis Batch: 1064946

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
460-335747-68	54A1_7-8	Total/NA	Solid	8260D	1064156
MB 460-1064946/6	Method Blank	Total/NA	Solid	8260D	
LCS 460-1064946/2	Lab Control Sample	Total/NA	Solid	8260D	
LCSD 460-1064946/3	Lab Control Sample Dup	Total/NA	Solid	8260D	

Analysis Batch: 1064953

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
460-335747-65	54B2_3-4	Total/NA	Solid	8260D	1064156

GC/MS VOA (Continued)

Analysis Batch: 1064953 (Continued)

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
460-335747-66	54A1_0-1	Total/NA	Solid	8260D	1064156
MB 460-1064953/8	Method Blank	Total/NA	Solid	8260D	
LCS 460-1064953/3	Lab Control Sample	Total/NA	Solid	8260D	
LCSD 460-1064953/4	Lab Control Sample Dup	Total/NA	Solid	8260D	

GC/MS Semi VOA

Prep Batch: 1064226

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
460-335747-1	53A_0-5	Total/NA	Solid	3546	
460-335747-2	53A_5-10	Total/NA	Solid	3546	
460-335747-3	53B_0-5	Total/NA	Solid	3546	
460-335747-4	53B_5-10	Total/NA	Solid	3546	
460-335747-5	53C_0-5	Total/NA	Solid	3546	
460-335747-6	53C_5-10	Total/NA	Solid	3546	
460-335747-7	53D_0-5	Total/NA	Solid	3546	
460-335747-8	53D_5-10	Total/NA	Solid	3546	
460-335747-9	54A_0-4	Total/NA	Solid	3546	
460-335747-10	54A_4-8	Total/NA	Solid	3546	
460-335747-11	54B_0-4	Total/NA	Solid	3546	
460-335747-12	54B_4-8	Total/NA	Solid	3546	
460-335747-13	54C_0-4	Total/NA	Solid	3546	
460-335747-14	54C_4-8	Total/NA	Solid	3546	
460-335747-15	54D_0-4	Total/NA	Solid	3546	
460-335747-16	54D_4-8	Total/NA	Solid	3546	
MB 460-1064226/1-A	Method Blank	Total/NA	Solid	3546	
LCS 460-1064226/2-A	Lab Control Sample	Total/NA	Solid	3546	
LCSD 460-1064226/3-A	Lab Control Sample Dup	Total/NA	Solid	3546	
460-335747-1 MS	53A_0-5	Total/NA	Solid	3546	
460-335747-1 MSD	53A_0-5	Total/NA	Solid	3546	

Analysis Batch: 1064338

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
460-335747-1	53A_0-5	Total/NA	Solid	8270E	1064226
460-335747-2	53A_5-10	Total/NA	Solid	8270E	1064226
460-335747-3	53B_0-5	Total/NA	Solid	8270E	1064226
460-335747-4	53B_5-10	Total/NA	Solid	8270E	1064226
460-335747-5	53C_0-5	Total/NA	Solid	8270E	1064226
460-335747-6	53C_5-10	Total/NA	Solid	8270E	1064226
460-335747-7	53D_0-5	Total/NA	Solid	8270E	1064226
460-335747-8	53D_5-10	Total/NA	Solid	8270E	1064226
460-335747-9	54A_0-4	Total/NA	Solid	8270E	1064226
460-335747-10	54A_4-8	Total/NA	Solid	8270E	1064226
460-335747-11	54B_0-4	Total/NA	Solid	8270E	1064226
460-335747-12	54B_4-8	Total/NA	Solid	8270E	1064226
460-335747-13	54C_0-4	Total/NA	Solid	8270E	1064226
460-335747-14	54C_4-8	Total/NA	Solid	8270E	1064226
460-335747-15	54D_0-4	Total/NA	Solid	8270E	1064226
460-335747-16	54D_4-8	Total/NA	Solid	8270E	1064226
MB 460-1064226/1-A	Method Blank	Total/NA	Solid	8270E	1064226
LCS 460-1064226/2-A	Lab Control Sample	Total/NA	Solid	8270E	1064226

GC/MS Semi VOA (Continued)

Analysis Batch: 1064338 (Continued)

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
LCSD 460-1064226/3-A	Lab Control Sample Dup	Total/NA	Solid	8270E	1064226
460-335747-1 MS	53A_0-5	Total/NA	Solid	8270E	1064226
460-335747-1 MSD	53A_0-5	Total/NA	Solid	8270E	1064226

GC Semi VOA

Prep Batch: 1064254

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
460-335747-1	53A_0-5	Total/NA	Solid	3546	
460-335747-2	53A_5-10	Total/NA	Solid	3546	
460-335747-3	53B_0-5	Total/NA	Solid	3546	
460-335747-4	53B_5-10	Total/NA	Solid	3546	
460-335747-5	53C_0-5	Total/NA	Solid	3546	
460-335747-6	53C_5-10	Total/NA	Solid	3546	
460-335747-7	53D_0-5	Total/NA	Solid	3546	
460-335747-8	53D_5-10	Total/NA	Solid	3546	
460-335747-9	54A_0-4	Total/NA	Solid	3546	
460-335747-10	54A_4-8	Total/NA	Solid	3546	
460-335747-11	54B_0-4	Total/NA	Solid	3546	
460-335747-12	54B_4-8	Total/NA	Solid	3546	
460-335747-13	54C_0-4	Total/NA	Solid	3546	
460-335747-14	54C_4-8	Total/NA	Solid	3546	
460-335747-15	54D_0-4	Total/NA	Solid	3546	
460-335747-16	54D_4-8	Total/NA	Solid	3546	
MB 460-1064254/1-A	Method Blank	Total/NA	Solid	3546	
LCS 460-1064254/2-A	Lab Control Sample	Total/NA	Solid	3546	
LCSD 460-1064254/3-A	Lab Control Sample Dup	Total/NA	Solid	3546	
460-335747-1 MS	53A_0-5	Total/NA	Solid	3546	
460-335747-1 MSD	53A_0-5	Total/NA	Solid	3546	

Prep Batch: 1064260

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
460-335747-1	53A_0-5	Total/NA	Solid	3546	
460-335747-2	53A_5-10	Total/NA	Solid	3546	
460-335747-3	53B_0-5	Total/NA	Solid	3546	
460-335747-4	53B_5-10	Total/NA	Solid	3546	
460-335747-5	53C_0-5	Total/NA	Solid	3546	
460-335747-6	53C_5-10	Total/NA	Solid	3546	
460-335747-7	53D_0-5	Total/NA	Solid	3546	
460-335747-8	53D_5-10	Total/NA	Solid	3546	
460-335747-9	54A_0-4	Total/NA	Solid	3546	
460-335747-10	54A_4-8	Total/NA	Solid	3546	
460-335747-11	54B_0-4	Total/NA	Solid	3546	
460-335747-12	54B_4-8	Total/NA	Solid	3546	
460-335747-13	54C_0-4	Total/NA	Solid	3546	
460-335747-14	54C_4-8	Total/NA	Solid	3546	
460-335747-15	54D_0-4	Total/NA	Solid	3546	
460-335747-16	54D_4-8	Total/NA	Solid	3546	
MB 460-1064260/1-A	Method Blank	Total/NA	Solid	3546	
LCS 460-1064260/2-A	Lab Control Sample	Total/NA	Solid	3546	
LCSD 460-1064260/3-A	Lab Control Sample Dup	Total/NA	Solid	3546	

GC Semi VOA (Continued)

Prep Batch: 1064260 (Continued)

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
460-335747-1 MS	53A_0-5	Total/NA	Solid	3546	
460-335747-1 MSD	53A_0-5	Total/NA	Solid	3546	

Analysis Batch: 1064295

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
460-335747-1	53A_0-5	Total/NA	Solid	8082A	1064254
460-335747-2	53A_5-10	Total/NA	Solid	8082A	1064254
460-335747-3	53B_0-5	Total/NA	Solid	8082A	1064254
460-335747-4	53B_5-10	Total/NA	Solid	8082A	1064254
460-335747-5	53C_0-5	Total/NA	Solid	8082A	1064254
460-335747-6	53C_5-10	Total/NA	Solid	8082A	1064254
460-335747-7	53D_0-5	Total/NA	Solid	8082A	1064254
460-335747-8	53D_5-10	Total/NA	Solid	8082A	1064254
460-335747-9	54A_0-4	Total/NA	Solid	8082A	1064254
460-335747-10	54A_4-8	Total/NA	Solid	8082A	1064254
460-335747-11	54B_0-4	Total/NA	Solid	8082A	1064254
460-335747-12	54B_4-8	Total/NA	Solid	8082A	1064254
460-335747-13	54C_0-4	Total/NA	Solid	8082A	1064254
460-335747-14	54C_4-8	Total/NA	Solid	8082A	1064254
460-335747-15	54D_0-4	Total/NA	Solid	8082A	1064254
460-335747-16	54D_4-8	Total/NA	Solid	8082A	1064254
MB 460-1064254/1-A	Method Blank	Total/NA	Solid	8082A	1064254
LCS 460-1064254/2-A	Lab Control Sample	Total/NA	Solid	8082A	1064254
LCSD 460-1064254/3-A	Lab Control Sample Dup	Total/NA	Solid	8082A	1064254
460-335747-1 MS	53A_0-5	Total/NA	Solid	8082A	1064254
460-335747-1 MSD	53A_0-5	Total/NA	Solid	8082A	1064254

Analysis Batch: 1064299

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
460-335747-1	53A_0-5	Total/NA	Solid	8081B	1064260
460-335747-2	53A_5-10	Total/NA	Solid	8081B	1064260
460-335747-3	53B_0-5	Total/NA	Solid	8081B	1064260
460-335747-4	53B_5-10	Total/NA	Solid	8081B	1064260
460-335747-5	53C_0-5	Total/NA	Solid	8081B	1064260
460-335747-6	53C_5-10	Total/NA	Solid	8081B	1064260
460-335747-7	53D_0-5	Total/NA	Solid	8081B	1064260
460-335747-8	53D_5-10	Total/NA	Solid	8081B	1064260
460-335747-9	54A_0-4	Total/NA	Solid	8081B	1064260
460-335747-10	54A_4-8	Total/NA	Solid	8081B	1064260
460-335747-11	54B_0-4	Total/NA	Solid	8081B	1064260
460-335747-12	54B_4-8	Total/NA	Solid	8081B	1064260
460-335747-13	54C_0-4	Total/NA	Solid	8081B	1064260
460-335747-14	54C_4-8	Total/NA	Solid	8081B	1064260
460-335747-15	54D_0-4	Total/NA	Solid	8081B	1064260
460-335747-16	54D_4-8	Total/NA	Solid	8081B	1064260
MB 460-1064260/1-A	Method Blank	Total/NA	Solid	8081B	1064260
LCS 460-1064260/2-A	Lab Control Sample	Total/NA	Solid	8081B	1064260
LCSD 460-1064260/3-A	Lab Control Sample Dup	Total/NA	Solid	8081B	1064260
460-335747-1 MS	53A_0-5	Total/NA	Solid	8081B	1064260
460-335747-1 MSD	53A_0-5	Total/NA	Solid	8081B	1064260

LCMS

Prep Batch: 707239

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
460-335747-1	53A_0-5	Total/NA	Solid	1633A Shake	
460-335747-2	53A_5-10	Total/NA	Solid	1633A Shake	
460-335747-3	53B_0-5	Total/NA	Solid	1633A Shake	
460-335747-4	53B_5-10	Total/NA	Solid	1633A Shake	
460-335747-5	53C_0-5	Total/NA	Solid	1633A Shake	
460-335747-6	53C_5-10	Total/NA	Solid	1633A Shake	
460-335747-7	53D_0-5	Total/NA	Solid	1633A Shake	
460-335747-8	53D_5-10	Total/NA	Solid	1633A Shake	
460-335747-9	54A_0-4	Total/NA	Solid	1633A Shake	
460-335747-10	54A_4-8	Total/NA	Solid	1633A Shake	
460-335747-11	54B_0-4	Total/NA	Solid	1633A Shake	
460-335747-12	54B_4-8	Total/NA	Solid	1633A Shake	
460-335747-13	54C_0-4	Total/NA	Solid	1633A Shake	
460-335747-14	54C_4-8	Total/NA	Solid	1633A Shake	
460-335747-15	54D_0-4	Total/NA	Solid	1633A Shake	
460-335747-16	54D_4-8	Total/NA	Solid	1633A Shake	
MB 410-707239/1-A	Method Blank	Total/NA	Solid	1633A Shake	
LCS 410-707239/2-A	Lab Control Sample	Total/NA	Solid	1633A Shake	
LLCS 410-707239/3-A	Lab Control Sample	Total/NA	Solid	1633A Shake	
460-335747-16 MS	54D_4-8	Total/NA	Solid	1633A Shake	
460-335747-16 MSD	54D_4-8	Total/NA	Solid	1633A Shake	

Analysis Batch: 707700

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
460-335747-1	53A_0-5	Total/NA	Solid	1633A	707239
460-335747-2	53A_5-10	Total/NA	Solid	1633A	707239
460-335747-3	53B_0-5	Total/NA	Solid	1633A	707239
460-335747-4	53B_5-10	Total/NA	Solid	1633A	707239
460-335747-5	53C_0-5	Total/NA	Solid	1633A	707239
460-335747-6	53C_5-10	Total/NA	Solid	1633A	707239
460-335747-7	53D_0-5	Total/NA	Solid	1633A	707239
460-335747-8	53D_5-10	Total/NA	Solid	1633A	707239
460-335747-9	54A_0-4	Total/NA	Solid	1633A	707239
460-335747-10	54A_4-8	Total/NA	Solid	1633A	707239
460-335747-11	54B_0-4	Total/NA	Solid	1633A	707239
460-335747-12	54B_4-8	Total/NA	Solid	1633A	707239
460-335747-13	54C_0-4	Total/NA	Solid	1633A	707239
460-335747-14	54C_4-8	Total/NA	Solid	1633A	707239
460-335747-15	54D_0-4	Total/NA	Solid	1633A	707239
460-335747-16	54D_4-8	Total/NA	Solid	1633A	707239
MB 410-707239/1-A	Method Blank	Total/NA	Solid	1633A	707239
LCS 410-707239/2-A	Lab Control Sample	Total/NA	Solid	1633A	707239
LLCS 410-707239/3-A	Lab Control Sample	Total/NA	Solid	1633A	707239
460-335747-16 MS	54D_4-8	Total/NA	Solid	1633A	707239
460-335747-16 MSD	54D_4-8	Total/NA	Solid	1633A	707239

Metals

Prep Batch: 1064943

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
460-335747-1	53A_0-5	Total/NA	Solid	7471B	

Metals (Continued)

Prep Batch: 1064943 (Continued)

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
460-335747-2	53A_5-10	Total/NA	Solid	7471B	
MB 460-1064943/1-A	Method Blank	Total/NA	Solid	7471B	
LCSSRM 460-1064943/2-A	Lab Control Sample	Total/NA	Solid	7471B	
460-335788-E-4-I MS	Matrix Spike	Total/NA	Solid	7471B	
460-335788-E-4-H DU	Duplicate	Total/NA	Solid	7471B	

Prep Batch: 1064945

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
460-335747-3	53B_0-5	Total/NA	Solid	7471B	
460-335747-4	53B_5-10	Total/NA	Solid	7471B	
460-335747-5	53C_0-5	Total/NA	Solid	7471B	
460-335747-6	53C_5-10	Total/NA	Solid	7471B	
460-335747-7	53D_0-5	Total/NA	Solid	7471B	
460-335747-8	53D_5-10	Total/NA	Solid	7471B	
460-335747-9	54A_0-4	Total/NA	Solid	7471B	
460-335747-10	54A_4-8	Total/NA	Solid	7471B	
460-335747-11	54B_0-4	Total/NA	Solid	7471B	
460-335747-12	54B_4-8	Total/NA	Solid	7471B	
460-335747-13	54C_0-4	Total/NA	Solid	7471B	
460-335747-14	54C_4-8	Total/NA	Solid	7471B	
460-335747-15	54D_0-4	Total/NA	Solid	7471B	
460-335747-16	54D_4-8	Total/NA	Solid	7471B	
MB 460-1064945/1-A	Method Blank	Total/NA	Solid	7471B	
LCSSRM 460-1064945/2-A	Lab Control Sample	Total/NA	Solid	7471B	
460-335747-3 MS	53B_0-5	Total/NA	Solid	7471B	
460-335747-3 DU	53B_0-5	Total/NA	Solid	7471B	

Prep Batch: 1065016

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
460-335747-1	53A_0-5	Total/NA	Solid	3050B	
460-335747-2	53A_5-10	Total/NA	Solid	3050B	
460-335747-3	53B_0-5	Total/NA	Solid	3050B	
460-335747-4	53B_5-10	Total/NA	Solid	3050B	
460-335747-5	53C_0-5	Total/NA	Solid	3050B	
460-335747-6	53C_5-10	Total/NA	Solid	3050B	
460-335747-7	53D_0-5	Total/NA	Solid	3050B	
460-335747-8	53D_5-10	Total/NA	Solid	3050B	
460-335747-9	54A_0-4	Total/NA	Solid	3050B	
460-335747-10	54A_4-8	Total/NA	Solid	3050B	
460-335747-11	54B_0-4	Total/NA	Solid	3050B	
460-335747-12	54B_4-8	Total/NA	Solid	3050B	
460-335747-13	54C_0-4	Total/NA	Solid	3050B	
460-335747-14	54C_4-8	Total/NA	Solid	3050B	
460-335747-15	54D_0-4	Total/NA	Solid	3050B	
460-335747-16	54D_4-8	Total/NA	Solid	3050B	
MB 460-1065016/1-A	Method Blank	Total/NA	Solid	3050B	
LCSSRM 460-1065016/2-A	Lab Control Sample	Total/NA	Solid	3050B	
460-335747-6 MS	53C_5-10	Total/NA	Solid	3050B	
460-335747-6 DU	53C_5-10	Total/NA	Solid	3050B	

Metals

Analysis Batch: 1065154

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
460-335747-1	53A_0-5	Total/NA	Solid	6020B	1065016
460-335747-2	53A_5-10	Total/NA	Solid	6020B	1065016
460-335747-3	53B_0-5	Total/NA	Solid	6020B	1065016
460-335747-4	53B_5-10	Total/NA	Solid	6020B	1065016
460-335747-5	53C_0-5	Total/NA	Solid	6020B	1065016
460-335747-6	53C_5-10	Total/NA	Solid	6020B	1065016
460-335747-7	53D_0-5	Total/NA	Solid	6020B	1065016
460-335747-8	53D_5-10	Total/NA	Solid	6020B	1065016
460-335747-9	54A_0-4	Total/NA	Solid	6020B	1065016
460-335747-10	54A_4-8	Total/NA	Solid	6020B	1065016
460-335747-11	54B_0-4	Total/NA	Solid	6020B	1065016
460-335747-12	54B_4-8	Total/NA	Solid	6020B	1065016
460-335747-13	54C_0-4	Total/NA	Solid	6020B	1065016
460-335747-14	54C_4-8	Total/NA	Solid	6020B	1065016
460-335747-15	54D_0-4	Total/NA	Solid	6020B	1065016
460-335747-16	54D_4-8	Total/NA	Solid	6020B	1065016
MB 460-1065016/1-A	Method Blank	Total/NA	Solid	6020B	1065016
LCSSRM 460-1065016/2-A	Lab Control Sample	Total/NA	Solid	6020B	1065016
460-335747-6 MS	53C_5-10	Total/NA	Solid	6020B	1065016
460-335747-6 DU	53C_5-10	Total/NA	Solid	6020B	1065016

Analysis Batch: 1065187

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
460-335747-1	53A_0-5	Total/NA	Solid	7471B	1064943
460-335747-2	53A_5-10	Total/NA	Solid	7471B	1064943
MB 460-1064943/1-A	Method Blank	Total/NA	Solid	7471B	1064943
LCSSRM 460-1064943/2-A	Lab Control Sample	Total/NA	Solid	7471B	1064943
460-335788-E-4-I MS	Matrix Spike	Total/NA	Solid	7471B	1064943
460-335788-E-4-H DU	Duplicate	Total/NA	Solid	7471B	1064943

Analysis Batch: 1065201

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
460-335747-3	53B_0-5	Total/NA	Solid	7471B	1064945
460-335747-4	53B_5-10	Total/NA	Solid	7471B	1064945
460-335747-5	53C_0-5	Total/NA	Solid	7471B	1064945
460-335747-6	53C_5-10	Total/NA	Solid	7471B	1064945
460-335747-7	53D_0-5	Total/NA	Solid	7471B	1064945
460-335747-8	53D_5-10	Total/NA	Solid	7471B	1064945
460-335747-9	54A_0-4	Total/NA	Solid	7471B	1064945
460-335747-10	54A_4-8	Total/NA	Solid	7471B	1064945
460-335747-11	54B_0-4	Total/NA	Solid	7471B	1064945
460-335747-12	54B_4-8	Total/NA	Solid	7471B	1064945
460-335747-13	54C_0-4	Total/NA	Solid	7471B	1064945
460-335747-14	54C_4-8	Total/NA	Solid	7471B	1064945
460-335747-15	54D_0-4	Total/NA	Solid	7471B	1064945
460-335747-16	54D_4-8	Total/NA	Solid	7471B	1064945
MB 460-1064945/1-A	Method Blank	Total/NA	Solid	7471B	1064945
LCSSRM 460-1064945/2-A	Lab Control Sample	Total/NA	Solid	7471B	1064945
460-335747-3 MS	53B_0-5	Total/NA	Solid	7471B	1064945
460-335747-3 DU	53B_0-5	Total/NA	Solid	7471B	1064945

Metals

Analysis Batch: 1066101

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
460-335747-11	54B_0-4	Total/NA	Solid	6020B	1065016

General Chemistry

Analysis Batch: 1064401

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
460-335747-17	53A1_7-8	Total/NA	Solid	Moisture	
460-335747-18	53A2_9-10	Total/NA	Solid	Moisture	
460-335747-19	53A1_8-9	Total/NA	Solid	Moisture	
460-335747-20	53A2_5-6	Total/NA	Solid	Moisture	
460-335747-21	53A1_4-5	Total/NA	Solid	Moisture	
460-335747-22	53A3_0-1	Total/NA	Solid	Moisture	
460-335747-23	53A1_2-3	Total/NA	Solid	Moisture	
460-335747-24	53B2_4-5	Total/NA	Solid	Moisture	
460-335747-25	53B1_5-6	Total/NA	Solid	Moisture	
460-335747-26	53B1_7-8	Total/NA	Solid	Moisture	
460-335747-27	53B3_9-10	Total/NA	Solid	Moisture	
460-335747-28	53B1_2-3	Total/NA	Solid	Moisture	
460-335747-29	53B3_1-2	Total/NA	Solid	Moisture	
460-335747-30	53B2_6-7	Total/NA	Solid	Moisture	
460-335747-31	53C1_1-2	Total/NA	Solid	Moisture	
460-335747-32	53C1_9-10	Total/NA	Solid	Moisture	
460-335747-33	53C3_2-3	Total/NA	Solid	Moisture	
460-335747-34	53C2_5-6	Total/NA	Solid	Moisture	
460-335747-35	53C2_4-5	Total/NA	Solid	Moisture	
460-335747-36	53C3_8-9	Total/NA	Solid	Moisture	
460-335747-37	53C1_7-8	Total/NA	Solid	Moisture	
460-335747-38	54D3_1-2	Total/NA	Solid	Moisture	
460-335747-39	54D3_2-3	Total/NA	Solid	Moisture	
460-335747-40	54D1_0-1	Total/NA	Solid	Moisture	
460-335747-41	54C1_4-5	Total/NA	Solid	Moisture	
460-335747-42	54C3_1-2	Total/NA	Solid	Moisture	
460-335747-43	54C3_5-6	Total/NA	Solid	Moisture	
460-335747-44	54C1_7-8	Total/NA	Solid	Moisture	
460-335747-45	54C2_2-3	Total/NA	Solid	Moisture	
460-335747-46	54C1_3-4	Total/NA	Solid	Moisture	
460-335747-47	54C2_6-7	Total/NA	Solid	Moisture	
460-335747-48	54B2_4-5	Total/NA	Solid	Moisture	
460-335747-49	53D3_7-8	Total/NA	Solid	Moisture	
460-335747-50	53D1_0-1	Total/NA	Solid	Moisture	
460-335747-51	53D2_3-4	Total/NA	Solid	Moisture	
460-335747-52	53D3_2-3	Total/NA	Solid	Moisture	
460-335747-53	53D2_4-5	Total/NA	Solid	Moisture	
460-335747-54	53D1_5-6	Total/NA	Solid	Moisture	
460-335747-55	53D1_6-7	Total/NA	Solid	Moisture	
460-335747-56	54D2_4-5	Total/NA	Solid	Moisture	
460-335747-57	54D1_6-7	Total/NA	Solid	Moisture	
460-335747-58	54D1_5-6	Total/NA	Solid	Moisture	
460-335747-59	54D2_3-4	Total/NA	Solid	Moisture	
460-335747-60	54B3_5-6	Total/NA	Solid	Moisture	
460-335747-61	54B3_6-7	Total/NA	Solid	Moisture	

General Chemistry (Continued)

Analysis Batch: 1064401 (Continued)

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
460-335747-62	54B1_0-1	Total/NA	Solid	Moisture	
460-335747-63	54B2_7-8	Total/NA	Solid	Moisture	
460-335747-64	54B1_2-3	Total/NA	Solid	Moisture	
460-335747-65	54B2_3-4	Total/NA	Solid	Moisture	
460-335747-66	54A1_0-1	Total/NA	Solid	Moisture	
460-335747-67	54A3_5-6	Total/NA	Solid	Moisture	
460-335747-68	54A1_7-8	Total/NA	Solid	Moisture	
460-335747-69	54A3_2-3	Total/NA	Solid	Moisture	
460-335747-70	54A2_1-2	Total/NA	Solid	Moisture	
460-335747-71	54A1_4-5	Total/NA	Solid	Moisture	
460-335747-72	54A2_6-7	Total/NA	Solid	Moisture	
460-335381-A-22 MS	Matrix Spike	Total/NA	Solid	Moisture	
460-335381-A-22 MSD	Matrix Spike Duplicate	Total/NA	Solid	Moisture	
460-335652-D-6 MSS	Matrix Spike	Total/NA	Solid	Moisture	
460-335747-34 DU	53C2_5-6	Total/NA	Solid	Moisture	
460-335747-54 DU	53D1_5-6	Total/NA	Solid	Moisture	

Analysis Batch: 1064878

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
460-335747-1	53A_0-5	Total/NA	Solid	Moisture	
460-335747-2	53A_5-10	Total/NA	Solid	Moisture	
460-335747-3	53B_0-5	Total/NA	Solid	Moisture	
460-335747-4	53B_5-10	Total/NA	Solid	Moisture	
460-335747-5	53C_0-5	Total/NA	Solid	Moisture	
460-335747-6	53C_5-10	Total/NA	Solid	Moisture	
460-335747-7	53D_0-5	Total/NA	Solid	Moisture	
460-335747-8	53D_5-10	Total/NA	Solid	Moisture	
460-335747-9	54A_0-4	Total/NA	Solid	Moisture	
460-335747-10	54A_4-8	Total/NA	Solid	Moisture	
460-335747-11	54B_0-4	Total/NA	Solid	Moisture	
460-335747-12	54B_4-8	Total/NA	Solid	Moisture	
460-335747-13	54C_0-4	Total/NA	Solid	Moisture	
460-335747-14	54C_4-8	Total/NA	Solid	Moisture	
460-335747-15	54D_0-4	Total/NA	Solid	Moisture	
460-335747-16	54D_4-8	Total/NA	Solid	Moisture	
460-335744-A-10 DU	Duplicate	Total/NA	Solid	Moisture	

Lab Chronicle

Client: Haley & Aldrich, Inc.
Project/Site: Former Port Mobil

Job ID: 460-335747-1

Client Sample ID: 53A_0-5
Date Collected: 09/25/25 08:00
Date Received: 09/25/25 16:10

Lab Sample ID: 460-335747-1
Matrix: Solid

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Analysis	Moisture		1	1064878	CJC	EET EDI	09/30/25 17:39

Client Sample ID: 53A_0-5
Date Collected: 09/25/25 08:00
Date Received: 09/25/25 16:10

Lab Sample ID: 460-335747-1
Matrix: Solid
Percent Solids: 92.3

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Prep	3546			1064226	GXY	EET EDI	09/27/25 15:54
Total/NA	Analysis	8270E		1	1064338	YAH	EET EDI	09/28/25 12:41
Total/NA	Prep	3546			1064260	ZXB	EET EDI	09/27/25 19:28
Total/NA	Analysis	8081B		1	1064299	FAM	EET EDI	09/28/25 09:27
Total/NA	Prep	3546			1064254	ZXB	EET EDI	09/27/25 19:23
Total/NA	Analysis	8082A		1	1064295	MJS	EET EDI	09/28/25 12:56
Total/NA	Prep	1633A Shake			707239	RC3V	ELLE	10/01/25 06:38
Total/NA	Analysis	1633A		1	707700	QY4X	ELLE	10/02/25 02:39
Total/NA	Prep	3050B			1065016	FBT	EET EDI	10/01/25 08:03
Total/NA	Analysis	6020B		1	1065154	CDC	EET EDI	10/01/25 19:37
Total/NA	Prep	7471B			1064943	TJS	EET EDI	10/01/25 01:55
Total/NA	Analysis	7471B		1	1065187	TOH	EET EDI	10/01/25 17:52

Client Sample ID: 53A_5-10
Date Collected: 09/25/25 08:05
Date Received: 09/25/25 16:10

Lab Sample ID: 460-335747-2
Matrix: Solid

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Analysis	Moisture		1	1064878	CJC	EET EDI	09/30/25 17:39

Client Sample ID: 53A_5-10
Date Collected: 09/25/25 08:05
Date Received: 09/25/25 16:10

Lab Sample ID: 460-335747-2
Matrix: Solid
Percent Solids: 88.3

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Prep	3546			1064226	GXY	EET EDI	09/27/25 15:54
Total/NA	Analysis	8270E		1	1064338	YAH	EET EDI	09/28/25 12:59
Total/NA	Prep	3546			1064260	ZXB	EET EDI	09/27/25 19:28
Total/NA	Analysis	8081B		1	1064299	FAM	EET EDI	09/28/25 09:39
Total/NA	Prep	3546			1064254	ZXB	EET EDI	09/27/25 19:23
Total/NA	Analysis	8082A		1	1064295	MJS	EET EDI	09/28/25 13:13
Total/NA	Prep	1633A Shake			707239	RC3V	ELLE	10/01/25 06:38
Total/NA	Analysis	1633A		1	707700	QY4X	ELLE	10/02/25 02:53
Total/NA	Prep	3050B			1065016	FBT	EET EDI	10/01/25 08:03
Total/NA	Analysis	6020B		1	1065154	CDC	EET EDI	10/01/25 19:40
Total/NA	Prep	7471B			1064943	TJS	EET EDI	10/01/25 01:55
Total/NA	Analysis	7471B		1	1065187	TOH	EET EDI	10/01/25 17:55

Lab Chronicle

Client: Haley & Aldrich, Inc.
Project/Site: Former Port Mobil

Job ID: 460-335747-1

Client Sample ID: 53B_0-5
Date Collected: 09/25/25 08:10
Date Received: 09/25/25 16:10

Lab Sample ID: 460-335747-3
Matrix: Solid

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Analysis	Moisture		1	1064878	CJC	EET EDI	09/30/25 17:39

Client Sample ID: 53B_0-5
Date Collected: 09/25/25 08:10
Date Received: 09/25/25 16:10

Lab Sample ID: 460-335747-3
Matrix: Solid
Percent Solids: 93.1

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Prep	3546			1064226	GXY	EET EDI	09/27/25 15:54
Total/NA	Analysis	8270E		1	1064338	YAH	EET EDI	09/28/25 13:16
Total/NA	Prep	3546			1064260	ZXB	EET EDI	09/27/25 19:28
Total/NA	Analysis	8081B		1	1064299	FAM	EET EDI	09/28/25 10:06
Total/NA	Prep	3546			1064254	ZXB	EET EDI	09/27/25 19:23
Total/NA	Analysis	8082A		1	1064295	MJS	EET EDI	09/28/25 13:29
Total/NA	Prep	1633A Shake			707239	RC3V	ELLE	10/01/25 06:38
Total/NA	Analysis	1633A		1	707700	QY4X	ELLE	10/02/25 03:06
Total/NA	Prep	3050B			1065016	FBT	EET EDI	10/01/25 08:03
Total/NA	Analysis	6020B		1	1065154	CDC	EET EDI	10/01/25 19:43
Total/NA	Prep	7471B			1064945	TJS	EET EDI	10/01/25 02:19
Total/NA	Analysis	7471B		1	1065201	TOH	EET EDI	10/01/25 18:31

Client Sample ID: 53B_5-10
Date Collected: 09/25/25 08:15
Date Received: 09/25/25 16:10

Lab Sample ID: 460-335747-4
Matrix: Solid

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Analysis	Moisture		1	1064878	CJC	EET EDI	09/30/25 17:39

Client Sample ID: 53B_5-10
Date Collected: 09/25/25 08:15
Date Received: 09/25/25 16:10

Lab Sample ID: 460-335747-4
Matrix: Solid
Percent Solids: 84.1

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Prep	3546			1064226	GXY	EET EDI	09/27/25 15:54
Total/NA	Analysis	8270E		1	1064338	YAH	EET EDI	09/28/25 12:24
Total/NA	Prep	3546			1064260	ZXB	EET EDI	09/27/25 19:28
Total/NA	Analysis	8081B		1	1064299	FAM	EET EDI	09/28/25 10:19
Total/NA	Prep	3546			1064254	ZXB	EET EDI	09/27/25 19:23
Total/NA	Analysis	8082A		1	1064295	MJS	EET EDI	09/28/25 13:46
Total/NA	Prep	1633A Shake			707239	RC3V	ELLE	10/01/25 06:38
Total/NA	Analysis	1633A		1	707700	QY4X	ELLE	10/02/25 03:20
Total/NA	Prep	3050B			1065016	FBT	EET EDI	10/01/25 08:03
Total/NA	Analysis	6020B		1	1065154	CDC	EET EDI	10/01/25 19:51
Total/NA	Prep	7471B			1064945	TJS	EET EDI	10/01/25 02:19
Total/NA	Analysis	7471B		1	1065201	TOH	EET EDI	10/01/25 18:54

Lab Chronicle

Client: Haley & Aldrich, Inc.
Project/Site: Former Port Mobil

Job ID: 460-335747-1

Client Sample ID: 53C_0-5
Date Collected: 09/25/25 08:20
Date Received: 09/25/25 16:10

Lab Sample ID: 460-335747-5
Matrix: Solid

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Analysis	Moisture		1	1064878	CJC	EET EDI	09/30/25 17:39

Client Sample ID: 53C_0-5
Date Collected: 09/25/25 08:20
Date Received: 09/25/25 16:10

Lab Sample ID: 460-335747-5
Matrix: Solid
Percent Solids: 91.6

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Prep	3546			1064226	GXY	EET EDI	09/27/25 15:54
Total/NA	Analysis	8270E		1	1064338	YAH	EET EDI	09/28/25 13:34
Total/NA	Prep	3546			1064260	ZXB	EET EDI	09/27/25 19:28
Total/NA	Analysis	8081B		1	1064299	FAM	EET EDI	09/28/25 10:31
Total/NA	Prep	3546			1064254	ZXB	EET EDI	09/27/25 19:23
Total/NA	Analysis	8082A		1	1064295	MJS	EET EDI	09/28/25 14:03
Total/NA	Prep	1633A Shake			707239	RC3V	ELLE	10/01/25 06:38
Total/NA	Analysis	1633A		1	707700	QY4X	ELLE	10/02/25 03:34
Total/NA	Prep	3050B			1065016	FBT	EET EDI	10/01/25 08:03
Total/NA	Analysis	6020B		1	1065154	CDC	EET EDI	10/01/25 19:54
Total/NA	Prep	7471B			1064945	TJS	EET EDI	10/01/25 02:19
Total/NA	Analysis	7471B		1	1065201	TOH	EET EDI	10/01/25 18:56

Client Sample ID: 53C_5-10
Date Collected: 09/25/25 08:25
Date Received: 09/25/25 16:10

Lab Sample ID: 460-335747-6
Matrix: Solid

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Analysis	Moisture		1	1064878	CJC	EET EDI	09/30/25 17:39

Client Sample ID: 53C_5-10
Date Collected: 09/25/25 08:25
Date Received: 09/25/25 16:10

Lab Sample ID: 460-335747-6
Matrix: Solid
Percent Solids: 93.0

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Prep	3546			1064226	GXY	EET EDI	09/27/25 15:54
Total/NA	Analysis	8270E		1	1064338	YAH	EET EDI	09/28/25 13:51
Total/NA	Prep	3546			1064260	ZXB	EET EDI	09/27/25 19:28
Total/NA	Analysis	8081B		1	1064299	FAM	EET EDI	09/28/25 10:43
Total/NA	Prep	3546			1064254	ZXB	EET EDI	09/27/25 19:23
Total/NA	Analysis	8082A		1	1064295	MJS	EET EDI	09/28/25 14:20
Total/NA	Prep	1633A Shake			707239	RC3V	ELLE	10/01/25 06:38
Total/NA	Analysis	1633A		1	707700	QY4X	ELLE	10/02/25 03:47
Total/NA	Prep	3050B			1065016	FBT	EET EDI	10/01/25 08:03
Total/NA	Analysis	6020B		1	1065154	CDC	EET EDI	10/01/25 19:31
Total/NA	Prep	7471B			1064945	TJS	EET EDI	10/01/25 02:19
Total/NA	Analysis	7471B		1	1065201	TOH	EET EDI	10/01/25 18:59

Lab Chronicle

Client: Haley & Aldrich, Inc.
Project/Site: Former Port Mobil

Job ID: 460-335747-1

Client Sample ID: 53D_0-5
Date Collected: 09/25/25 08:30
Date Received: 09/25/25 16:10

Lab Sample ID: 460-335747-7
Matrix: Solid

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Analysis	Moisture		1	1064878	CJC	EET EDI	09/30/25 17:39

Client Sample ID: 53D_0-5
Date Collected: 09/25/25 08:30
Date Received: 09/25/25 16:10

Lab Sample ID: 460-335747-7
Matrix: Solid
Percent Solids: 91.5

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Prep	3546			1064226	GXY	EET EDI	09/27/25 15:54
Total/NA	Analysis	8270E		1	1064338	YAH	EET EDI	09/28/25 14:09
Total/NA	Prep	3546			1064260	ZXB	EET EDI	09/27/25 19:28
Total/NA	Analysis	8081B		1	1064299	FAM	EET EDI	09/28/25 10:56
Total/NA	Prep	3546			1064254	ZXB	EET EDI	09/27/25 19:23
Total/NA	Analysis	8082A		1	1064295	MJS	EET EDI	09/28/25 14:37
Total/NA	Prep	1633A Shake			707239	RC3V	ELLE	10/01/25 06:38
Total/NA	Analysis	1633A		1	707700	QY4X	ELLE	10/02/25 04:01
Total/NA	Prep	3050B			1065016	FBT	EET EDI	10/01/25 08:03
Total/NA	Analysis	6020B		1	1065154	CDC	EET EDI	10/01/25 19:57
Total/NA	Prep	7471B			1064945	TJS	EET EDI	10/01/25 02:19
Total/NA	Analysis	7471B		1	1065201	TOH	EET EDI	10/01/25 19:02

Client Sample ID: 53D_5-10
Date Collected: 09/25/25 08:35
Date Received: 09/25/25 16:10

Lab Sample ID: 460-335747-8
Matrix: Solid

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Analysis	Moisture		1	1064878	CJC	EET EDI	09/30/25 17:39

Client Sample ID: 53D_5-10
Date Collected: 09/25/25 08:35
Date Received: 09/25/25 16:10

Lab Sample ID: 460-335747-8
Matrix: Solid
Percent Solids: 88.3

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Prep	3546			1064226	GXY	EET EDI	09/27/25 15:54
Total/NA	Analysis	8270E		1	1064338	YAH	EET EDI	09/28/25 14:26
Total/NA	Prep	3546			1064260	ZXB	EET EDI	09/27/25 19:28
Total/NA	Analysis	8081B		1	1064299	FAM	EET EDI	09/28/25 11:08
Total/NA	Prep	3546			1064254	ZXB	EET EDI	09/27/25 19:23
Total/NA	Analysis	8082A		1	1064295	MJS	EET EDI	09/28/25 14:53
Total/NA	Prep	1633A Shake			707239	RC3V	ELLE	10/01/25 06:38
Total/NA	Analysis	1633A		1	707700	QY4X	ELLE	10/02/25 04:15
Total/NA	Prep	3050B			1065016	FBT	EET EDI	10/01/25 08:03
Total/NA	Analysis	6020B		1	1065154	CDC	EET EDI	10/01/25 20:00
Total/NA	Prep	7471B			1064945	TJS	EET EDI	10/01/25 02:19
Total/NA	Analysis	7471B		1	1065201	TOH	EET EDI	10/01/25 19:05

Lab Chronicle

Client: Haley & Aldrich, Inc.
Project/Site: Former Port Mobil

Job ID: 460-335747-1

Client Sample ID: 54A_0-4
Date Collected: 09/25/25 08:40
Date Received: 09/25/25 16:10

Lab Sample ID: 460-335747-9
Matrix: Solid

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Analysis	Moisture		1	1064878	CJC	EET EDI	09/30/25 17:39

Client Sample ID: 54A_0-4
Date Collected: 09/25/25 08:40
Date Received: 09/25/25 16:10

Lab Sample ID: 460-335747-9
Matrix: Solid
Percent Solids: 84.0

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Prep	3546			1064226	GXY	EET EDI	09/27/25 15:54
Total/NA	Analysis	8270E		1	1064338	YAH	EET EDI	09/28/25 14:44
Total/NA	Prep	3546			1064260	ZXB	EET EDI	09/27/25 19:28
Total/NA	Analysis	8081B		1	1064299	FAM	EET EDI	09/28/25 11:20
Total/NA	Prep	3546			1064254	ZXB	EET EDI	09/27/25 19:23
Total/NA	Analysis	8082A		1	1064295	MJS	EET EDI	09/28/25 15:11
Total/NA	Prep	1633A Shake			707239	RC3V	ELLE	10/01/25 06:38
Total/NA	Analysis	1633A		1	707700	QY4X	ELLE	10/02/25 04:28
Total/NA	Prep	3050B			1065016	FBT	EET EDI	10/01/25 08:03
Total/NA	Analysis	6020B		1	1065154	CDC	EET EDI	10/01/25 20:02
Total/NA	Prep	7471B			1064945	TJS	EET EDI	10/01/25 02:19
Total/NA	Analysis	7471B		1	1065201	TOH	EET EDI	10/01/25 19:08

Client Sample ID: 54A_4-8
Date Collected: 09/25/25 08:45
Date Received: 09/25/25 16:10

Lab Sample ID: 460-335747-10
Matrix: Solid

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Analysis	Moisture		1	1064878	CJC	EET EDI	09/30/25 17:39

Client Sample ID: 54A_4-8
Date Collected: 09/25/25 08:45
Date Received: 09/25/25 16:10

Lab Sample ID: 460-335747-10
Matrix: Solid
Percent Solids: 85.3

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Prep	3546			1064226	GXY	EET EDI	09/27/25 15:54
Total/NA	Analysis	8270E		1	1064338	YAH	EET EDI	09/28/25 15:01
Total/NA	Prep	3546			1064260	ZXB	EET EDI	09/27/25 19:28
Total/NA	Analysis	8081B		1	1064299	FAM	EET EDI	09/28/25 11:33
Total/NA	Prep	3546			1064254	ZXB	EET EDI	09/27/25 19:23
Total/NA	Analysis	8082A		1	1064295	MJS	EET EDI	09/28/25 15:27
Total/NA	Prep	1633A Shake			707239	RC3V	ELLE	10/01/25 06:38
Total/NA	Analysis	1633A		1	707700	QY4X	ELLE	10/02/25 04:42
Total/NA	Prep	3050B			1065016	FBT	EET EDI	10/01/25 08:03
Total/NA	Analysis	6020B		1	1065154	CDC	EET EDI	10/01/25 20:05
Total/NA	Prep	7471B			1064945	TJS	EET EDI	10/01/25 02:19
Total/NA	Analysis	7471B		1	1065201	TOH	EET EDI	10/01/25 19:11

Lab Chronicle

Client: Haley & Aldrich, Inc.
Project/Site: Former Port Mobil

Job ID: 460-335747-1

Client Sample ID: 54B_0-4
Date Collected: 09/25/25 08:50
Date Received: 09/25/25 16:10

Lab Sample ID: 460-335747-11
Matrix: Solid

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Analysis	Moisture		1	1064878	CJC	EET EDI	09/30/25 17:39

Client Sample ID: 54B_0-4
Date Collected: 09/25/25 08:50
Date Received: 09/25/25 16:10

Lab Sample ID: 460-335747-11
Matrix: Solid
Percent Solids: 88.0

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Prep	3546			1064226	GXY	EET EDI	09/27/25 15:54
Total/NA	Analysis	8270E		1	1064338	YAH	EET EDI	09/28/25 15:19
Total/NA	Prep	3546			1064260	ZXB	EET EDI	09/27/25 19:28
Total/NA	Analysis	8081B		1	1064299	FAM	EET EDI	09/28/25 11:45
Total/NA	Prep	3546			1064254	ZXB	EET EDI	09/27/25 19:23
Total/NA	Analysis	8082A		1	1064295	MJS	EET EDI	09/28/25 15:44
Total/NA	Prep	1633A Shake			707239	RC3V	ELLE	10/01/25 06:38
Total/NA	Analysis	1633A		1	707700	QY4X	ELLE	10/02/25 05:23
Total/NA	Prep	3050B			1065016	FBT	EET EDI	10/01/25 08:03
Total/NA	Analysis	6020B		1	1065154	CDC	EET EDI	10/01/25 20:08
Total/NA	Prep	3050B			1065016	FBT	EET EDI	10/01/25 08:03
Total/NA	Analysis	6020B		100	1066101	CDC	EET EDI	10/05/25 22:10
Total/NA	Prep	7471B			1064945	TJS	EET EDI	10/01/25 02:19
Total/NA	Analysis	7471B		1	1065201	TOH	EET EDI	10/01/25 19:14

Client Sample ID: 54B_4-8
Date Collected: 09/25/25 08:55
Date Received: 09/25/25 16:10

Lab Sample ID: 460-335747-12
Matrix: Solid

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Analysis	Moisture		1	1064878	CJC	EET EDI	09/30/25 17:39

Client Sample ID: 54B_4-8
Date Collected: 09/25/25 08:55
Date Received: 09/25/25 16:10

Lab Sample ID: 460-335747-12
Matrix: Solid
Percent Solids: 85.9

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Prep	3546			1064226	GXY	EET EDI	09/27/25 15:54
Total/NA	Analysis	8270E		1	1064338	YAH	EET EDI	09/28/25 15:36
Total/NA	Prep	3546			1064260	ZXB	EET EDI	09/27/25 19:28
Total/NA	Analysis	8081B		1	1064299	FAM	EET EDI	09/28/25 11:57
Total/NA	Prep	3546			1064254	ZXB	EET EDI	09/27/25 19:23
Total/NA	Analysis	8082A		1	1064295	MJS	EET EDI	09/28/25 16:00
Total/NA	Prep	1633A Shake			707239	RC3V	ELLE	10/01/25 06:38
Total/NA	Analysis	1633A		1	707700	QY4X	ELLE	10/02/25 05:36
Total/NA	Prep	3050B			1065016	FBT	EET EDI	10/01/25 08:03
Total/NA	Analysis	6020B		1	1065154	CDC	EET EDI	10/01/25 20:11

Lab Chronicle

Client: Haley & Aldrich, Inc.
Project/Site: Former Port Mobil

Job ID: 460-335747-1

Client Sample ID: 54B_4-8
Date Collected: 09/25/25 08:55
Date Received: 09/25/25 16:10

Lab Sample ID: 460-335747-12
Matrix: Solid
Percent Solids: 85.9

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Prep	7471B			1064945	TJS	EET EDI	10/01/25 02:19
Total/NA	Analysis	7471B		1	1065201	TOH	EET EDI	10/01/25 19:22

Client Sample ID: 54C_0-4
Date Collected: 09/25/25 09:00
Date Received: 09/25/25 16:10

Lab Sample ID: 460-335747-13
Matrix: Solid

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Analysis	Moisture		1	1064878	CJC	EET EDI	09/30/25 17:39

Client Sample ID: 54C_0-4
Date Collected: 09/25/25 09:00
Date Received: 09/25/25 16:10

Lab Sample ID: 460-335747-13
Matrix: Solid
Percent Solids: 91.4

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Prep	3546			1064226	GXY	EET EDI	09/27/25 15:54
Total/NA	Analysis	8270E		1	1064338	YAH	EET EDI	09/28/25 15:54
Total/NA	Prep	3546			1064260	ZXB	EET EDI	09/27/25 19:28
Total/NA	Analysis	8081B		1	1064299	FAM	EET EDI	09/28/25 12:10
Total/NA	Prep	3546			1064254	ZXB	EET EDI	09/27/25 19:23
Total/NA	Analysis	8082A		1	1064295	MJS	EET EDI	09/28/25 16:18
Total/NA	Prep	1633A Shake			707239	RC3V	ELLE	10/01/25 06:38
Total/NA	Analysis	1633A		1	707700	QY4X	ELLE	10/02/25 05:50
Total/NA	Prep	3050B			1065016	FBT	EET EDI	10/01/25 08:03
Total/NA	Analysis	6020B		1	1065154	CDC	EET EDI	10/01/25 20:14
Total/NA	Prep	7471B			1064945	TJS	EET EDI	10/01/25 02:19
Total/NA	Analysis	7471B		1	1065201	TOH	EET EDI	10/01/25 19:25

Client Sample ID: 54C_4-8
Date Collected: 09/25/25 09:05
Date Received: 09/25/25 16:10

Lab Sample ID: 460-335747-14
Matrix: Solid

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Analysis	Moisture		1	1064878	CJC	EET EDI	09/30/25 17:39

Client Sample ID: 54C_4-8
Date Collected: 09/25/25 09:05
Date Received: 09/25/25 16:10

Lab Sample ID: 460-335747-14
Matrix: Solid
Percent Solids: 89.6

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Prep	3546			1064226	GXY	EET EDI	09/27/25 15:54
Total/NA	Analysis	8270E		1	1064338	YAH	EET EDI	09/28/25 16:11
Total/NA	Prep	3546			1064260	ZXB	EET EDI	09/27/25 19:28
Total/NA	Analysis	8081B		1	1064299	FAM	EET EDI	09/28/25 12:22
Total/NA	Prep	3546			1064254	ZXB	EET EDI	09/27/25 19:23
Total/NA	Analysis	8082A		1	1064295	MJS	EET EDI	09/28/25 16:34

Client Sample ID: 54C_4-8
Date Collected: 09/25/25 09:05
Date Received: 09/25/25 16:10

Lab Sample ID: 460-335747-14
Matrix: Solid
Percent Solids: 89.6

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Prep	1633A Shake			707239	RC3V	ELLE	10/01/25 06:38
Total/NA	Analysis	1633A		1	707700	QY4X	ELLE	10/02/25 06:04
Total/NA	Prep	3050B			1065016	FBT	EET EDI	10/01/25 08:03
Total/NA	Analysis	6020B		1	1065154	CDC	EET EDI	10/01/25 20:17
Total/NA	Prep	7471B			1064945	TJS	EET EDI	10/01/25 02:19
Total/NA	Analysis	7471B		1	1065201	TOH	EET EDI	10/01/25 19:28

Client Sample ID: 54D_0-4
Date Collected: 09/25/25 09:10
Date Received: 09/25/25 16:10

Lab Sample ID: 460-335747-15
Matrix: Solid

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Analysis	Moisture		1	1064878	CJC	EET EDI	09/30/25 17:39

Client Sample ID: 54D_0-4
Date Collected: 09/25/25 09:10
Date Received: 09/25/25 16:10

Lab Sample ID: 460-335747-15
Matrix: Solid
Percent Solids: 90.1

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Prep	3546			1064226	GXY	EET EDI	09/27/25 15:54
Total/NA	Analysis	8270E		1	1064338	YAH	EET EDI	09/28/25 16:29
Total/NA	Prep	3546			1064260	ZXB	EET EDI	09/27/25 19:28
Total/NA	Analysis	8081B		1	1064299	FAM	EET EDI	09/28/25 12:34
Total/NA	Prep	3546			1064254	ZXB	EET EDI	09/27/25 19:23
Total/NA	Analysis	8082A		1	1064295	MJS	EET EDI	09/28/25 16:51
Total/NA	Prep	1633A Shake			707239	RC3V	ELLE	10/01/25 06:38
Total/NA	Analysis	1633A		1	707700	QY4X	ELLE	10/02/25 06:17
Total/NA	Prep	3050B			1065016	FBT	EET EDI	10/01/25 08:03
Total/NA	Analysis	6020B		1	1065154	CDC	EET EDI	10/01/25 20:25
Total/NA	Prep	7471B			1064945	TJS	EET EDI	10/01/25 02:19
Total/NA	Analysis	7471B		1	1065201	TOH	EET EDI	10/01/25 19:31

Client Sample ID: 54D_4-8
Date Collected: 09/25/25 09:15
Date Received: 09/25/25 16:10

Lab Sample ID: 460-335747-16
Matrix: Solid

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Analysis	Moisture		1	1064878	CJC	EET EDI	09/30/25 17:39

Client Sample ID: 54D_4-8
Date Collected: 09/25/25 09:15
Date Received: 09/25/25 16:10

Lab Sample ID: 460-335747-16
Matrix: Solid
Percent Solids: 87.3

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Prep	3546			1064226	GXY	EET EDI	09/27/25 15:54
Total/NA	Analysis	8270E		1	1064338	YAH	EET EDI	09/28/25 16:46

Lab Chronicle

Client: Haley & Aldrich, Inc.
Project/Site: Former Port Mobil

Job ID: 460-335747-1

Client Sample ID: 54D_4-8
Date Collected: 09/25/25 09:15
Date Received: 09/25/25 16:10

Lab Sample ID: 460-335747-16
Matrix: Solid
Percent Solids: 87.3

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Prep	3546			1064260	ZXB	EET EDI	09/27/25 19:28
Total/NA	Analysis	8081B		1	1064299	FAM	EET EDI	09/28/25 12:46
Total/NA	Prep	3546			1064254	ZXB	EET EDI	09/27/25 19:23
Total/NA	Analysis	8082A		1	1064295	MJS	EET EDI	09/28/25 17:08
Total/NA	Prep	1633A Shake			707239	RC3V	ELLE	10/01/25 06:38
Total/NA	Analysis	1633A		1	707700	QY4X	ELLE	10/02/25 06:31
Total/NA	Prep	3050B			1065016	FBT	EET EDI	10/01/25 08:03
Total/NA	Analysis	6020B		1	1065154	CDC	EET EDI	10/01/25 20:28
Total/NA	Prep	7471B			1064945	TJS	EET EDI	10/01/25 02:19
Total/NA	Analysis	7471B		1	1065201	TOH	EET EDI	10/01/25 19:34

Client Sample ID: 53A1_7-8
Date Collected: 09/25/25 09:30
Date Received: 09/25/25 16:10

Lab Sample ID: 460-335747-17
Matrix: Solid

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Analysis	Moisture		1	1064401	CJC	EET EDI	09/28/25 21:10

Client Sample ID: 53A1_7-8
Date Collected: 09/25/25 09:30
Date Received: 09/25/25 16:10

Lab Sample ID: 460-335747-17
Matrix: Solid
Percent Solids: 88.5

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Prep	5035			1064147	JCZ	EET EDI	09/27/25 08:36
Total/NA	Analysis	8260D		1	1064575	AAT	EET EDI	09/29/25 23:42

Client Sample ID: 53A2_9-10
Date Collected: 09/25/25 09:40
Date Received: 09/25/25 16:10

Lab Sample ID: 460-335747-18
Matrix: Solid

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Analysis	Moisture		1	1064401	CJC	EET EDI	09/28/25 21:10

Client Sample ID: 53A2_9-10
Date Collected: 09/25/25 09:40
Date Received: 09/25/25 16:10

Lab Sample ID: 460-335747-18
Matrix: Solid
Percent Solids: 88.2

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Prep	5035			1064147	JCZ	EET EDI	09/27/25 08:36
Total/NA	Analysis	8260D		1	1064575	AAT	EET EDI	09/30/25 00:06

Lab Chronicle

Client: Haley & Aldrich, Inc.
Project/Site: Former Port Mobil

Job ID: 460-335747-1

Client Sample ID: 53A1_8-9
Date Collected: 09/25/25 09:45
Date Received: 09/25/25 16:10

Lab Sample ID: 460-335747-19
Matrix: Solid

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Analysis	Moisture		1	1064401	CJC	EET EDI	09/28/25 21:10

Client Sample ID: 53A1_8-9
Date Collected: 09/25/25 09:45
Date Received: 09/25/25 16:10

Lab Sample ID: 460-335747-19
Matrix: Solid
Percent Solids: 86.4

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Prep	5035			1064147	JCZ	EET EDI	09/27/25 08:36
Total/NA	Analysis	8260D		1	1064575	AAT	EET EDI	09/30/25 00:30

Client Sample ID: 53A2_5-6
Date Collected: 09/25/25 09:50
Date Received: 09/25/25 16:10

Lab Sample ID: 460-335747-20
Matrix: Solid

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Analysis	Moisture		1	1064401	CJC	EET EDI	09/28/25 21:10

Client Sample ID: 53A2_5-6
Date Collected: 09/25/25 09:50
Date Received: 09/25/25 16:10

Lab Sample ID: 460-335747-20
Matrix: Solid
Percent Solids: 87.7

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Prep	5035			1064147	JCZ	EET EDI	09/27/25 08:37
Total/NA	Analysis	8260D		1	1064575	AAT	EET EDI	09/30/25 00:53

Client Sample ID: 53A1_4-5
Date Collected: 09/25/25 09:55
Date Received: 09/25/25 16:10

Lab Sample ID: 460-335747-21
Matrix: Solid

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Analysis	Moisture		1	1064401	CJC	EET EDI	09/28/25 21:10

Client Sample ID: 53A1_4-5
Date Collected: 09/25/25 09:55
Date Received: 09/25/25 16:10

Lab Sample ID: 460-335747-21
Matrix: Solid
Percent Solids: 89.2

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Prep	5035			1064147	JCZ	EET EDI	09/27/25 08:37
Total/NA	Analysis	8260D		1	1064575	AAT	EET EDI	09/30/25 01:17

Client Sample ID: 53A3_0-1
Date Collected: 09/25/25 10:00
Date Received: 09/25/25 16:10

Lab Sample ID: 460-335747-22
Matrix: Solid

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Analysis	Moisture		1	1064401	CJC	EET EDI	09/28/25 21:10

Lab Chronicle

Client: Haley & Aldrich, Inc.
Project/Site: Former Port Mobil

Job ID: 460-335747-1

Client Sample ID: 53A3_0-1
Date Collected: 09/25/25 10:00
Date Received: 09/25/25 16:10

Lab Sample ID: 460-335747-22
Matrix: Solid
Percent Solids: 89.3

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Prep	5035			1064147	JCZ	EET EDI	09/27/25 08:37
Total/NA	Analysis	8260D		1	1064575	AAT	EET EDI	09/30/25 01:41

Client Sample ID: 53A1_2-3
Date Collected: 09/25/25 10:05
Date Received: 09/25/25 16:10

Lab Sample ID: 460-335747-23
Matrix: Solid

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Analysis	Moisture		1	1064401	CJC	EET EDI	09/28/25 21:10

Client Sample ID: 53A1_2-3
Date Collected: 09/25/25 10:05
Date Received: 09/25/25 16:10

Lab Sample ID: 460-335747-23
Matrix: Solid
Percent Solids: 90.1

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Prep	5035			1064147	JCZ	EET EDI	09/27/25 08:38
Total/NA	Analysis	8260D		1	1064575	AAT	EET EDI	09/30/25 02:05

Client Sample ID: 53B2_4-5
Date Collected: 09/25/25 10:10
Date Received: 09/25/25 16:10

Lab Sample ID: 460-335747-24
Matrix: Solid

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Analysis	Moisture		1	1064401	CJC	EET EDI	09/28/25 21:10

Client Sample ID: 53B2_4-5
Date Collected: 09/25/25 10:10
Date Received: 09/25/25 16:10

Lab Sample ID: 460-335747-24
Matrix: Solid
Percent Solids: 90.5

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Prep	5035			1064147	JCZ	EET EDI	09/27/25 08:38
Total/NA	Analysis	8260D		1	1064575	AAT	EET EDI	09/30/25 02:29

Client Sample ID: 53B1_5-6
Date Collected: 09/25/25 10:15
Date Received: 09/25/25 16:10

Lab Sample ID: 460-335747-25
Matrix: Solid

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Analysis	Moisture		1	1064401	CJC	EET EDI	09/28/25 21:10

Lab Chronicle

Client: Haley & Aldrich, Inc.
Project/Site: Former Port Mobil

Job ID: 460-335747-1

Client Sample ID: 53B1_5-6
Date Collected: 09/25/25 10:15
Date Received: 09/25/25 16:10

Lab Sample ID: 460-335747-25
Matrix: Solid
Percent Solids: 90.1

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Prep	5035			1064147	JCZ	EET EDI	09/27/25 08:38
Total/NA	Analysis	8260D		1	1064575	AAT	EET EDI	09/30/25 02:53

Client Sample ID: 53B1_7-8
Date Collected: 09/25/25 10:20
Date Received: 09/25/25 16:10

Lab Sample ID: 460-335747-26
Matrix: Solid

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Analysis	Moisture		1	1064401	CJC	EET EDI	09/28/25 21:10

Client Sample ID: 53B1_7-8
Date Collected: 09/25/25 10:20
Date Received: 09/25/25 16:10

Lab Sample ID: 460-335747-26
Matrix: Solid
Percent Solids: 88.8

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Prep	5035			1064147	JCZ	EET EDI	09/27/25 08:39
Total/NA	Analysis	8260D		1	1064575	AAT	EET EDI	09/30/25 03:16

Client Sample ID: 53B3_9-10
Date Collected: 09/25/25 10:25
Date Received: 09/25/25 16:10

Lab Sample ID: 460-335747-27
Matrix: Solid

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Analysis	Moisture		1	1064401	CJC	EET EDI	09/28/25 21:10

Client Sample ID: 53B3_9-10
Date Collected: 09/25/25 10:25
Date Received: 09/25/25 16:10

Lab Sample ID: 460-335747-27
Matrix: Solid
Percent Solids: 90.5

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Prep	5035			1064147	JCZ	EET EDI	09/27/25 08:39
Total/NA	Analysis	8260D		1	1064575	AAT	EET EDI	09/30/25 03:40

Client Sample ID: 53B1_2-3
Date Collected: 09/25/25 10:30
Date Received: 09/25/25 16:10

Lab Sample ID: 460-335747-28
Matrix: Solid

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Analysis	Moisture		1	1064401	CJC	EET EDI	09/28/25 21:10

Lab Chronicle

Client: Haley & Aldrich, Inc.
Project/Site: Former Port Mobil

Job ID: 460-335747-1

Client Sample ID: 53B1_2-3
Date Collected: 09/25/25 10:30
Date Received: 09/25/25 16:10

Lab Sample ID: 460-335747-28
Matrix: Solid
Percent Solids: 89.2

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Prep	5035			1064147	JCZ	EET EDI	09/27/25 08:39
Total/NA	Analysis	8260D		1	1064575	AAT	EET EDI	09/30/25 04:04

Client Sample ID: 53B3_1-2
Date Collected: 09/25/25 10:35
Date Received: 09/25/25 16:10

Lab Sample ID: 460-335747-29
Matrix: Solid

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Analysis	Moisture		1	1064401	CJC	EET EDI	09/28/25 21:10

Client Sample ID: 53B3_1-2
Date Collected: 09/25/25 10:35
Date Received: 09/25/25 16:10

Lab Sample ID: 460-335747-29
Matrix: Solid
Percent Solids: 90.1

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Prep	5035			1064147	JCZ	EET EDI	09/27/25 08:40
Total/NA	Analysis	8260D		1	1064680	AAT	EET EDI	09/30/25 08:51

Client Sample ID: 53B2_6-7
Date Collected: 09/25/25 10:40
Date Received: 09/25/25 16:10

Lab Sample ID: 460-335747-30
Matrix: Solid

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Analysis	Moisture		1	1064401	CJC	EET EDI	09/28/25 21:10

Client Sample ID: 53B2_6-7
Date Collected: 09/25/25 10:40
Date Received: 09/25/25 16:10

Lab Sample ID: 460-335747-30
Matrix: Solid
Percent Solids: 87.6

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Prep	5035			1064147	JCZ	EET EDI	09/27/25 08:40
Total/NA	Analysis	8260D		1	1064680	AAT	EET EDI	09/30/25 09:15

Client Sample ID: 53C1_1-2
Date Collected: 09/25/25 10:45
Date Received: 09/25/25 16:10

Lab Sample ID: 460-335747-31
Matrix: Solid

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Analysis	Moisture		1	1064401	CJC	EET EDI	09/28/25 21:10

Lab Chronicle

Client: Haley & Aldrich, Inc.
Project/Site: Former Port Mobil

Job ID: 460-335747-1

Client Sample ID: 53C1_1-2
Date Collected: 09/25/25 10:45
Date Received: 09/25/25 16:10

Lab Sample ID: 460-335747-31
Matrix: Solid
Percent Solids: 90.2

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Prep	5035			1064147	JCZ	EET EDI	09/27/25 08:40
Total/NA	Analysis	8260D		1	1064680	AAT	EET EDI	09/30/25 09:39

Client Sample ID: 53C1_9-10
Date Collected: 09/25/25 10:50
Date Received: 09/25/25 16:10

Lab Sample ID: 460-335747-32
Matrix: Solid

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Analysis	Moisture		1	1064401	CJC	EET EDI	09/28/25 21:10

Client Sample ID: 53C1_9-10
Date Collected: 09/25/25 10:50
Date Received: 09/25/25 16:10

Lab Sample ID: 460-335747-32
Matrix: Solid
Percent Solids: 91.9

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Prep	5035			1064147	JCZ	EET EDI	09/27/25 08:41
Total/NA	Analysis	8260D		1	1064680	AAT	EET EDI	09/30/25 10:03

Client Sample ID: 53C3_2-3
Date Collected: 09/25/25 10:55
Date Received: 09/25/25 16:10

Lab Sample ID: 460-335747-33
Matrix: Solid

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Analysis	Moisture		1	1064401	CJC	EET EDI	09/28/25 21:10

Client Sample ID: 53C3_2-3
Date Collected: 09/25/25 10:55
Date Received: 09/25/25 16:10

Lab Sample ID: 460-335747-33
Matrix: Solid
Percent Solids: 89.6

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Prep	5035			1064147	JCZ	EET EDI	09/27/25 08:41
Total/NA	Analysis	8260D		1	1064680	AAT	EET EDI	09/30/25 10:26

Client Sample ID: 53C2_5-6
Date Collected: 09/25/25 11:00
Date Received: 09/25/25 16:10

Lab Sample ID: 460-335747-34
Matrix: Solid

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Analysis	Moisture		1	1064401	CJC	EET EDI	09/28/25 21:10

Lab Chronicle

Client: Haley & Aldrich, Inc.
Project/Site: Former Port Mobil

Job ID: 460-335747-1

Client Sample ID: 53C2_5-6
Date Collected: 09/25/25 11:00
Date Received: 09/25/25 16:10

Lab Sample ID: 460-335747-34
Matrix: Solid
Percent Solids: 89.9

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Prep	5035			1064147	JCZ	EET EDI	09/27/25 08:41
Total/NA	Analysis	8260D		1	1064680	AAT	EET EDI	09/30/25 12:25

Client Sample ID: 53C2_4-5
Date Collected: 09/25/25 11:05
Date Received: 09/25/25 16:10

Lab Sample ID: 460-335747-35
Matrix: Solid

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Analysis	Moisture		1	1064401	CJC	EET EDI	09/28/25 21:10

Client Sample ID: 53C2_4-5
Date Collected: 09/25/25 11:05
Date Received: 09/25/25 16:10

Lab Sample ID: 460-335747-35
Matrix: Solid
Percent Solids: 90.5

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Prep	5035			1064147	JCZ	EET EDI	09/27/25 08:42
Total/NA	Analysis	8260D		1	1064680	AAT	EET EDI	09/30/25 12:49

Client Sample ID: 53C3_8-9
Date Collected: 09/25/25 11:10
Date Received: 09/25/25 16:10

Lab Sample ID: 460-335747-36
Matrix: Solid

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Analysis	Moisture		1	1064401	CJC	EET EDI	09/28/25 21:10

Client Sample ID: 53C3_8-9
Date Collected: 09/25/25 11:10
Date Received: 09/25/25 16:10

Lab Sample ID: 460-335747-36
Matrix: Solid
Percent Solids: 90.9

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Prep	5035			1064147	JCZ	EET EDI	09/27/25 08:42
Total/NA	Analysis	8260D		1	1064680	AAT	EET EDI	09/30/25 13:13

Client Sample ID: 53C1_7-8
Date Collected: 09/25/25 11:15
Date Received: 09/25/25 16:10

Lab Sample ID: 460-335747-37
Matrix: Solid

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Analysis	Moisture		1	1064401	CJC	EET EDI	09/28/25 21:10

Lab Chronicle

Client: Haley & Aldrich, Inc.
Project/Site: Former Port Mobil

Job ID: 460-335747-1

Client Sample ID: 53C1_7-8
Date Collected: 09/25/25 11:15
Date Received: 09/25/25 16:10

Lab Sample ID: 460-335747-37
Matrix: Solid
Percent Solids: 90.5

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Prep	5035			1064147	JCZ	EET EDI	09/27/25 08:42
Total/NA	Analysis	8260D		1	1064680	AAT	EET EDI	09/30/25 15:12

Client Sample ID: 54D3_1-2
Date Collected: 09/25/25 12:20
Date Received: 09/25/25 16:10

Lab Sample ID: 460-335747-38
Matrix: Solid

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Analysis	Moisture		1	1064401	CJC	EET EDI	09/28/25 21:10

Client Sample ID: 54D3_1-2
Date Collected: 09/25/25 12:20
Date Received: 09/25/25 16:10

Lab Sample ID: 460-335747-38
Matrix: Solid
Percent Solids: 88.8

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Prep	5035			1064147	JCZ	EET EDI	09/27/25 08:43
Total/NA	Analysis	8260D		1	1064680	AAT	EET EDI	09/30/25 15:36

Client Sample ID: 54D3_2-3
Date Collected: 09/25/25 12:25
Date Received: 09/25/25 16:10

Lab Sample ID: 460-335747-39
Matrix: Solid

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Analysis	Moisture		1	1064401	CJC	EET EDI	09/28/25 21:10

Client Sample ID: 54D3_2-3
Date Collected: 09/25/25 12:25
Date Received: 09/25/25 16:10

Lab Sample ID: 460-335747-39
Matrix: Solid
Percent Solids: 88.6

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Prep	5035			1064147	JCZ	EET EDI	09/27/25 08:43
Total/NA	Analysis	8260D		1	1064680	AAT	EET EDI	09/30/25 16:00

Client Sample ID: 54D1_0-1
Date Collected: 09/25/25 12:30
Date Received: 09/25/25 16:10

Lab Sample ID: 460-335747-40
Matrix: Solid

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Analysis	Moisture		1	1064401	CJC	EET EDI	09/28/25 21:10

Lab Chronicle

Client: Haley & Aldrich, Inc.
Project/Site: Former Port Mobil

Job ID: 460-335747-1

Client Sample ID: 54D1_0-1
Date Collected: 09/25/25 12:30
Date Received: 09/25/25 16:10

Lab Sample ID: 460-335747-40
Matrix: Solid
Percent Solids: 87.6

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Prep	5035			1064147	JCZ	EET EDI	09/27/25 08:43
Total/NA	Analysis	8260D		1	1064680	AAT	EET EDI	09/30/25 16:23

Client Sample ID: 54C1_4-5
Date Collected: 09/25/25 13:10
Date Received: 09/25/25 16:10

Lab Sample ID: 460-335747-41
Matrix: Solid

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Analysis	Moisture		1	1064401	CJC	EET EDI	09/28/25 21:10

Client Sample ID: 54C1_4-5
Date Collected: 09/25/25 13:10
Date Received: 09/25/25 16:10

Lab Sample ID: 460-335747-41
Matrix: Solid
Percent Solids: 89.2

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Prep	5035			1064149	JCZ	EET EDI	09/27/25 08:57
Total/NA	Analysis	8260D		1	1064825	AAT	EET EDI	09/30/25 20:52

Client Sample ID: 54C3_1-2
Date Collected: 09/25/25 13:15
Date Received: 09/25/25 16:10

Lab Sample ID: 460-335747-42
Matrix: Solid

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Analysis	Moisture		1	1064401	CJC	EET EDI	09/28/25 21:10

Client Sample ID: 54C3_1-2
Date Collected: 09/25/25 13:15
Date Received: 09/25/25 16:10

Lab Sample ID: 460-335747-42
Matrix: Solid
Percent Solids: 91.0

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Prep	5035			1064149	JCZ	EET EDI	09/27/25 08:57
Total/NA	Analysis	8260D		1	1064825	AAT	EET EDI	09/30/25 21:16

Client Sample ID: 54C3_5-6
Date Collected: 09/25/25 13:20
Date Received: 09/25/25 16:10

Lab Sample ID: 460-335747-43
Matrix: Solid

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Analysis	Moisture		1	1064401	CJC	EET EDI	09/28/25 21:10

Lab Chronicle

Client: Haley & Aldrich, Inc.
Project/Site: Former Port Mobil

Job ID: 460-335747-1

Client Sample ID: 54C3_5-6
Date Collected: 09/25/25 13:20
Date Received: 09/25/25 16:10

Lab Sample ID: 460-335747-43
Matrix: Solid
Percent Solids: 88.0

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Prep	5035			1064149	JCZ	EET EDI	09/27/25 08:57
Total/NA	Analysis	8260D		1	1064825	AAT	EET EDI	09/30/25 21:39

Client Sample ID: 54C1_7-8
Date Collected: 09/25/25 13:25
Date Received: 09/25/25 16:10

Lab Sample ID: 460-335747-44
Matrix: Solid

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Analysis	Moisture		1	1064401	CJC	EET EDI	09/28/25 21:10

Client Sample ID: 54C1_7-8
Date Collected: 09/25/25 13:25
Date Received: 09/25/25 16:10

Lab Sample ID: 460-335747-44
Matrix: Solid
Percent Solids: 90.9

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Prep	5035			1064149	JCZ	EET EDI	09/27/25 08:58
Total/NA	Analysis	8260D		1	1064825	AAT	EET EDI	09/30/25 22:03

Client Sample ID: 54C2_2-3
Date Collected: 09/25/25 13:30
Date Received: 09/25/25 16:10

Lab Sample ID: 460-335747-45
Matrix: Solid

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Analysis	Moisture		1	1064401	CJC	EET EDI	09/28/25 21:10

Client Sample ID: 54C2_2-3
Date Collected: 09/25/25 13:30
Date Received: 09/25/25 16:10

Lab Sample ID: 460-335747-45
Matrix: Solid
Percent Solids: 90.5

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Prep	5035			1064149	JCZ	EET EDI	09/27/25 08:58
Total/NA	Analysis	8260D		1	1064825	AAT	EET EDI	09/30/25 22:27

Client Sample ID: 54C1_3-4
Date Collected: 09/25/25 13:35
Date Received: 09/25/25 16:10

Lab Sample ID: 460-335747-46
Matrix: Solid

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Analysis	Moisture		1	1064401	CJC	EET EDI	09/28/25 21:10

Lab Chronicle

Client: Haley & Aldrich, Inc.
Project/Site: Former Port Mobil

Job ID: 460-335747-1

Client Sample ID: 54C1_3-4
Date Collected: 09/25/25 13:35
Date Received: 09/25/25 16:10

Lab Sample ID: 460-335747-46
Matrix: Solid
Percent Solids: 92.2

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Prep	5035			1064149	JCZ	EET EDI	09/27/25 08:58
Total/NA	Analysis	8260D		1	1064681	AAT	EET EDI	09/30/25 13:23

Client Sample ID: 54C2_6-7
Date Collected: 09/25/25 13:40
Date Received: 09/25/25 16:10

Lab Sample ID: 460-335747-47
Matrix: Solid

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Analysis	Moisture		1	1064401	CJC	EET EDI	09/28/25 21:10

Client Sample ID: 54C2_6-7
Date Collected: 09/25/25 13:40
Date Received: 09/25/25 16:10

Lab Sample ID: 460-335747-47
Matrix: Solid
Percent Solids: 88.1

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Prep	5035			1064149	JCZ	EET EDI	09/27/25 08:59
Total/NA	Analysis	8260D		1	1064681	AAT	EET EDI	09/30/25 13:49

Client Sample ID: 54B2_4-5
Date Collected: 09/25/25 12:35
Date Received: 09/25/25 16:10

Lab Sample ID: 460-335747-48
Matrix: Solid

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Analysis	Moisture		1	1064401	CJC	EET EDI	09/28/25 21:10

Client Sample ID: 54B2_4-5
Date Collected: 09/25/25 12:35
Date Received: 09/25/25 16:10

Lab Sample ID: 460-335747-48
Matrix: Solid
Percent Solids: 84.0

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Prep	5035			1064149	JCZ	EET EDI	09/27/25 08:59
Total/NA	Analysis	8260D		1	1064681	AAT	EET EDI	09/30/25 14:14

Client Sample ID: 53D3_7-8
Date Collected: 09/25/25 11:20
Date Received: 09/25/25 16:10

Lab Sample ID: 460-335747-49
Matrix: Solid

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Analysis	Moisture		1	1064401	CJC	EET EDI	09/28/25 21:10

Lab Chronicle

Client: Haley & Aldrich, Inc.
Project/Site: Former Port Mobil

Job ID: 460-335747-1

Client Sample ID: 53D3_7-8
Date Collected: 09/25/25 11:20
Date Received: 09/25/25 16:10

Lab Sample ID: 460-335747-49
Matrix: Solid
Percent Solids: 89.1

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Prep	5035			1064149	JCZ	EET EDI	09/27/25 08:59
Total/NA	Analysis	8260D		1	1064681	AAT	EET EDI	09/30/25 14:38

Client Sample ID: 53D1_0-1
Date Collected: 09/25/25 11:25
Date Received: 09/25/25 16:10

Lab Sample ID: 460-335747-50
Matrix: Solid

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Analysis	Moisture		1	1064401	CJC	EET EDI	09/28/25 21:10

Client Sample ID: 53D1_0-1
Date Collected: 09/25/25 11:25
Date Received: 09/25/25 16:10

Lab Sample ID: 460-335747-50
Matrix: Solid
Percent Solids: 91.7

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Prep	5035			1064149	JCZ	EET EDI	09/27/25 09:00
Total/NA	Analysis	8260D		1	1064681	AAT	EET EDI	09/30/25 15:04

Client Sample ID: 53D2_3-4
Date Collected: 09/25/25 11:30
Date Received: 09/25/25 16:10

Lab Sample ID: 460-335747-51
Matrix: Solid

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Analysis	Moisture		1	1064401	CJC	EET EDI	09/28/25 21:10

Client Sample ID: 53D2_3-4
Date Collected: 09/25/25 11:30
Date Received: 09/25/25 16:10

Lab Sample ID: 460-335747-51
Matrix: Solid
Percent Solids: 89.1

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Prep	5035			1064149	JCZ	EET EDI	09/27/25 09:00
Total/NA	Analysis	8260D		1	1064681	AAT	EET EDI	09/30/25 15:29

Client Sample ID: 53D3_2-3
Date Collected: 09/25/25 11:35
Date Received: 09/25/25 16:10

Lab Sample ID: 460-335747-52
Matrix: Solid

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Analysis	Moisture		1	1064401	CJC	EET EDI	09/28/25 21:10

Lab Chronicle

Client: Haley & Aldrich, Inc.
Project/Site: Former Port Mobil

Job ID: 460-335747-1

Client Sample ID: 53D3_2-3
Date Collected: 09/25/25 11:35
Date Received: 09/25/25 16:10

Lab Sample ID: 460-335747-52
Matrix: Solid
Percent Solids: 89.6

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Prep	5035			1064149	JCZ	EET EDI	09/27/25 09:00
Total/NA	Analysis	8260D		1	1064825	AAT	EET EDI	09/30/25 22:51

Client Sample ID: 53D2_4-5
Date Collected: 09/25/25 11:40
Date Received: 09/25/25 16:10

Lab Sample ID: 460-335747-53
Matrix: Solid

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Analysis	Moisture		1	1064401	CJC	EET EDI	09/28/25 21:10

Client Sample ID: 53D2_4-5
Date Collected: 09/25/25 11:40
Date Received: 09/25/25 16:10

Lab Sample ID: 460-335747-53
Matrix: Solid
Percent Solids: 87.7

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Prep	5035			1064149	JCZ	EET EDI	09/27/25 09:01
Total/NA	Analysis	8260D		1	1064825	AAT	EET EDI	09/30/25 23:15

Client Sample ID: 53D1_5-6
Date Collected: 09/25/25 11:45
Date Received: 09/25/25 16:10

Lab Sample ID: 460-335747-54
Matrix: Solid

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Analysis	Moisture		1	1064401	CJC	EET EDI	09/28/25 21:11

Client Sample ID: 53D1_5-6
Date Collected: 09/25/25 11:45
Date Received: 09/25/25 16:10

Lab Sample ID: 460-335747-54
Matrix: Solid
Percent Solids: 88.5

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Prep	5035			1064149	JCZ	EET EDI	09/27/25 09:01
Total/NA	Analysis	8260D		1	1064825	AAT	EET EDI	09/30/25 23:39

Client Sample ID: 53D1_6-7
Date Collected: 09/25/25 11:50
Date Received: 09/25/25 16:10

Lab Sample ID: 460-335747-55
Matrix: Solid

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Analysis	Moisture		1	1064401	CJC	EET EDI	09/28/25 21:11

Lab Chronicle

Client: Haley & Aldrich, Inc.
Project/Site: Former Port Mobil

Job ID: 460-335747-1

Client Sample ID: 53D1_6-7
Date Collected: 09/25/25 11:50
Date Received: 09/25/25 16:10

Lab Sample ID: 460-335747-55
Matrix: Solid
Percent Solids: 90.8

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Prep	5035			1064149	JCZ	EET EDI	09/27/25 09:01
Total/NA	Analysis	8260D		1	1064825	AAT	EET EDI	10/01/25 00:03

Client Sample ID: 54D2_4-5
Date Collected: 09/25/25 12:00
Date Received: 09/25/25 16:10

Lab Sample ID: 460-335747-56
Matrix: Solid

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Analysis	Moisture		1	1064401	CJC	EET EDI	09/28/25 21:11

Client Sample ID: 54D2_4-5
Date Collected: 09/25/25 12:00
Date Received: 09/25/25 16:10

Lab Sample ID: 460-335747-56
Matrix: Solid
Percent Solids: 89.6

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Prep	5035			1064149	JCZ	EET EDI	09/27/25 09:02
Total/NA	Analysis	8260D		1	1064825	AAT	EET EDI	10/01/25 00:26

Client Sample ID: 54D1_6-7
Date Collected: 09/25/25 12:05
Date Received: 09/25/25 16:10

Lab Sample ID: 460-335747-57
Matrix: Solid

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Analysis	Moisture		1	1064401	CJC	EET EDI	09/28/25 21:11

Client Sample ID: 54D1_6-7
Date Collected: 09/25/25 12:05
Date Received: 09/25/25 16:10

Lab Sample ID: 460-335747-57
Matrix: Solid
Percent Solids: 86.9

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Prep	5035			1064149	JCZ	EET EDI	09/27/25 09:02
Total/NA	Analysis	8260D		1	1064825	AAT	EET EDI	10/01/25 00:50

Client Sample ID: 54D1_5-6
Date Collected: 09/25/25 12:10
Date Received: 09/25/25 16:10

Lab Sample ID: 460-335747-58
Matrix: Solid

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Analysis	Moisture		1	1064401	CJC	EET EDI	09/28/25 21:11

Lab Chronicle

Client: Haley & Aldrich, Inc.
Project/Site: Former Port Mobil

Job ID: 460-335747-1

Client Sample ID: 54D1_5-6
Date Collected: 09/25/25 12:10
Date Received: 09/25/25 16:10

Lab Sample ID: 460-335747-58
Matrix: Solid
Percent Solids: 89.1

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Prep	5035			1064149	JCZ	EET EDI	09/27/25 09:02
Total/NA	Analysis	8260D		1	1064825	AAT	EET EDI	10/01/25 01:14

Client Sample ID: 54D2_3-4
Date Collected: 09/25/25 12:15
Date Received: 09/25/25 16:10

Lab Sample ID: 460-335747-59
Matrix: Solid

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Analysis	Moisture		1	1064401	CJC	EET EDI	09/28/25 21:11

Client Sample ID: 54D2_3-4
Date Collected: 09/25/25 12:15
Date Received: 09/25/25 16:10

Lab Sample ID: 460-335747-59
Matrix: Solid
Percent Solids: 86.1

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Prep	5035			1064149	JCZ	EET EDI	09/27/25 09:03
Total/NA	Analysis	8260D		1	1064825	AAT	EET EDI	10/01/25 01:38

Client Sample ID: 54B3_5-6
Date Collected: 09/25/25 12:40
Date Received: 09/25/25 16:10

Lab Sample ID: 460-335747-60
Matrix: Solid

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Analysis	Moisture		1	1064401	CJC	EET EDI	09/28/25 21:11

Client Sample ID: 54B3_5-6
Date Collected: 09/25/25 12:40
Date Received: 09/25/25 16:10

Lab Sample ID: 460-335747-60
Matrix: Solid
Percent Solids: 88.9

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Prep	5035			1064149	JCZ	EET EDI	09/27/25 09:03
Total/NA	Analysis	8260D		1	1064825	AAT	EET EDI	10/01/25 02:02

Client Sample ID: 54B3_6-7
Date Collected: 09/25/25 12:45
Date Received: 09/25/25 16:10

Lab Sample ID: 460-335747-61
Matrix: Solid

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Analysis	Moisture		1	1064401	CJC	EET EDI	09/28/25 21:11

Lab Chronicle

Client: Haley & Aldrich, Inc.
Project/Site: Former Port Mobil

Job ID: 460-335747-1

Client Sample ID: 54B3_6-7
Date Collected: 09/25/25 12:45
Date Received: 09/25/25 16:10

Lab Sample ID: 460-335747-61
Matrix: Solid
Percent Solids: 84.3

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Prep	5035			1064149	JCZ	EET EDI	09/27/25 09:03
Total/NA	Analysis	8260D		1	1064825	AAT	EET EDI	10/01/25 02:25

Client Sample ID: 54B1_0-1
Date Collected: 09/25/25 12:50
Date Received: 09/25/25 16:10

Lab Sample ID: 460-335747-62
Matrix: Solid

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Analysis	Moisture		1	1064401	CJC	EET EDI	09/28/25 21:11

Client Sample ID: 54B1_0-1
Date Collected: 09/25/25 12:50
Date Received: 09/25/25 16:10

Lab Sample ID: 460-335747-62
Matrix: Solid
Percent Solids: 88.1

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Prep	5035			1064149	JCZ	EET EDI	09/27/25 09:04
Total/NA	Analysis	8260D		1	1064825	AAT	EET EDI	10/01/25 02:49

Client Sample ID: 54B2_7-8
Date Collected: 09/25/25 12:55
Date Received: 09/25/25 16:10

Lab Sample ID: 460-335747-63
Matrix: Solid

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Analysis	Moisture		1	1064401	CJC	EET EDI	09/28/25 21:11

Client Sample ID: 54B2_7-8
Date Collected: 09/25/25 12:55
Date Received: 09/25/25 16:10

Lab Sample ID: 460-335747-63
Matrix: Solid
Percent Solids: 89.1

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Prep	5035			1064149	JCZ	EET EDI	09/27/25 09:04
Total/NA	Analysis	8260D		1	1064825	AAT	EET EDI	10/01/25 03:13

Client Sample ID: 54B1_2-3
Date Collected: 09/25/25 13:00
Date Received: 09/25/25 16:10

Lab Sample ID: 460-335747-64
Matrix: Solid

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Analysis	Moisture		1	1064401	CJC	EET EDI	09/28/25 21:11

Lab Chronicle

Client: Haley & Aldrich, Inc.
Project/Site: Former Port Mobil

Job ID: 460-335747-1

Client Sample ID: 54B1_2-3
Date Collected: 09/25/25 13:00
Date Received: 09/25/25 16:10

Lab Sample ID: 460-335747-64
Matrix: Solid
Percent Solids: 89.1

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Prep	5035			1064149	JCZ	EET EDI	09/27/25 09:04
Total/NA	Analysis	8260D		1	1064825	AAT	EET EDI	10/01/25 03:37

Client Sample ID: 54B2_3-4
Date Collected: 09/25/25 13:05
Date Received: 09/25/25 16:10

Lab Sample ID: 460-335747-65
Matrix: Solid

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Analysis	Moisture		1	1064401	CJC	EET EDI	09/28/25 21:11

Client Sample ID: 54B2_3-4
Date Collected: 09/25/25 13:05
Date Received: 09/25/25 16:10

Lab Sample ID: 460-335747-65
Matrix: Solid
Percent Solids: 87.0

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Prep	5035			1064156	JCZ	EET EDI	09/27/25 09:14
Total/NA	Analysis	8260D		1	1064953	AAT	EET EDI	10/01/25 09:56

Client Sample ID: 54A1_0-1
Date Collected: 09/25/25 13:45
Date Received: 09/25/25 16:10

Lab Sample ID: 460-335747-66
Matrix: Solid

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Analysis	Moisture		1	1064401	CJC	EET EDI	09/28/25 21:11

Client Sample ID: 54A1_0-1
Date Collected: 09/25/25 13:45
Date Received: 09/25/25 16:10

Lab Sample ID: 460-335747-66
Matrix: Solid
Percent Solids: 90.8

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Prep	5035			1064156	JCZ	EET EDI	09/27/25 09:14
Total/NA	Analysis	8260D		1	1064953	AAT	EET EDI	10/01/25 10:20

Client Sample ID: 54A3_5-6
Date Collected: 09/25/25 13:50
Date Received: 09/25/25 16:10

Lab Sample ID: 460-335747-67
Matrix: Solid

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Analysis	Moisture		1	1064401	CJC	EET EDI	09/28/25 21:11

Lab Chronicle

Client: Haley & Aldrich, Inc.
Project/Site: Former Port Mobil

Job ID: 460-335747-1

Client Sample ID: 54A3_5-6
Date Collected: 09/25/25 13:50
Date Received: 09/25/25 16:10

Lab Sample ID: 460-335747-67
Matrix: Solid
Percent Solids: 86.3

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Prep	5035			1064156	JCZ	EET EDI	09/27/25 09:14
Total/NA	Analysis	8260D		1	1064829	AAT	EET EDI	09/30/25 18:46

Client Sample ID: 54A1_7-8
Date Collected: 09/25/25 13:55
Date Received: 09/25/25 16:10

Lab Sample ID: 460-335747-68
Matrix: Solid

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Analysis	Moisture		1	1064401	CJC	EET EDI	09/28/25 21:11

Client Sample ID: 54A1_7-8
Date Collected: 09/25/25 13:55
Date Received: 09/25/25 16:10

Lab Sample ID: 460-335747-68
Matrix: Solid
Percent Solids: 91.8

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Prep	5035			1064156	JCZ	EET EDI	09/27/25 09:15
Total/NA	Analysis	8260D		1	1064946	AAT	EET EDI	10/01/25 06:39

Client Sample ID: 54A3_2-3
Date Collected: 09/25/25 14:00
Date Received: 09/25/25 16:10

Lab Sample ID: 460-335747-69
Matrix: Solid

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Analysis	Moisture		1	1064401	CJC	EET EDI	09/28/25 21:11

Client Sample ID: 54A3_2-3
Date Collected: 09/25/25 14:00
Date Received: 09/25/25 16:10

Lab Sample ID: 460-335747-69
Matrix: Solid
Percent Solids: 90.4

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Prep	5035			1064156	JCZ	EET EDI	09/27/25 09:15
Total/NA	Analysis	8260D		1	1064829	AAT	EET EDI	09/30/25 19:36

Client Sample ID: 54A2_1-2
Date Collected: 09/25/25 14:05
Date Received: 09/25/25 16:10

Lab Sample ID: 460-335747-70
Matrix: Solid

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Analysis	Moisture		1	1064401	CJC	EET EDI	09/28/25 21:11

Lab Chronicle

Client: Haley & Aldrich, Inc.
Project/Site: Former Port Mobil

Job ID: 460-335747-1

Client Sample ID: 54A2_1-2
Date Collected: 09/25/25 14:05
Date Received: 09/25/25 16:10

Lab Sample ID: 460-335747-70
Matrix: Solid
Percent Solids: 90.1

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Prep	5035			1064156	JCZ	EET EDI	09/27/25 09:15
Total/NA	Analysis	8260D		1	1064829	AAT	EET EDI	09/30/25 20:01

Client Sample ID: 54A1_4-5
Date Collected: 09/25/25 14:10
Date Received: 09/25/25 16:10

Lab Sample ID: 460-335747-71
Matrix: Solid

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Analysis	Moisture		1	1064401	CJC	EET EDI	09/28/25 21:11

Client Sample ID: 54A1_4-5
Date Collected: 09/25/25 14:10
Date Received: 09/25/25 16:10

Lab Sample ID: 460-335747-71
Matrix: Solid
Percent Solids: 89.0

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Prep	5035			1064156	JCZ	EET EDI	09/27/25 09:16
Total/NA	Analysis	8260D		1	1064829	AAT	EET EDI	09/30/25 20:26

Client Sample ID: 54A2_6-7
Date Collected: 09/25/25 14:15
Date Received: 09/25/25 16:10

Lab Sample ID: 460-335747-72
Matrix: Solid

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Analysis	Moisture		1	1064401	CJC	EET EDI	09/28/25 21:11

Client Sample ID: 54A2_6-7
Date Collected: 09/25/25 14:15
Date Received: 09/25/25 16:10

Lab Sample ID: 460-335747-72
Matrix: Solid
Percent Solids: 86.9

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Prep	5035			1064156	JCZ	EET EDI	09/27/25 09:16
Total/NA	Analysis	8260D		1	1064829	AAT	EET EDI	09/30/25 20:50

Laboratory References:

EET EDI = Eurofins Edison, 777 New Durham Road, Edison, NJ 08817, TEL (732)549-3900

ELLE = Eurofins Lancaster Laboratories Environment Testing, LLC, 2425 New Holland Pike, Lancaster, PA 17601, TEL (717)656-2300

Accreditation/Certification Summary

Client: Haley & Aldrich, Inc.
Project/Site: Former Port Mobil

Job ID: 460-335747-1

Laboratory: Eurofins Edison

Unless otherwise noted, all analytes for this laboratory were covered under each accreditation/certification below.

Authority	Program	Identification Number	Expiration Date
New York	NELAP	11452	04-01-26

The following analytes are included in this report, but the laboratory is not certified by the governing authority. This list may include analytes for which the agency does not offer certification.

Analysis Method	Prep Method	Matrix	Analyte
8270E	3546	Solid	3 & 4 Methylphenol
Moisture		Solid	Percent Moisture
Moisture		Solid	Percent Solids

Laboratory: Eurofins Lancaster Laboratories Environment Testing, LLC

All accreditations/certifications held by this laboratory are listed. Not all accreditations/certifications are applicable to this report.

Authority	Program	Identification Number	Expiration Date
A2LA	Dept. of Defense ELAP	0001.01	11-30-26
A2LA	Dept. of Energy	0001.01	11-30-26
A2LA	ISO/IEC 17025	0001.01	11-30-26
Alabama	State	43200	01-31-26
Alaska	State	PA00009	06-30-26
Alaska (UST)	State	17-027	12-30-26
Arizona	State	AZ0780	03-12-26
Arkansas DEQ	State	88-00660	08-09-26
California	State	2792	01-31-26
Colorado	State	PA00009	06-30-26
Connecticut	State	PH-0746	06-30-27
DE Haz. Subst. Cleanup Act (HSCA)	State	019-006 (PA cert)	01-31-26
Delaware (DW)	State	N/A	01-31-26
Florida	NELAP	E87997	07-01-26
Georgia (DW)	State	C048	01-31-26
Illinois	NELAP	200027	01-31-26
Iowa	State	361	03-01-26
Kansas	NELAP	E-10151	10-31-25
Kentucky (DW)	State	KY90088	12-31-25
Kentucky (UST)	State	0001.01	11-30-26
Kentucky (WW)	State	KY90088	12-31-25
Louisiana (All)	NELAP	02055	06-30-26
Maine	State	2019012	03-12-27
Maryland	State	100	06-30-26
Massachusetts	State	M-PA009	06-30-26
Michigan	State	9930	01-31-26
Minnesota	NELAP	042-999-487	12-31-25
Mississippi	State	023	01-31-26
Missouri	State	450	01-31-28
Montana (DW)	State	0098	01-01-26
Nebraska	State	NE-OS-32-17	01-31-26
New Hampshire	NELAP	2730	01-10-26
New Jersey	NELAP	PA011	06-30-26
New York	NELAP	10670	04-01-26
North Carolina (DW)	State	42705	07-31-26
North Carolina (WW/SW)	State	521	12-31-25
North Dakota	State	R-205	01-31-24 *
Ohio	State	87787	01-31-26

* Accreditation/Certification renewal pending - accreditation/certification considered valid.

Accreditation/Certification Summary

Client: Haley & Aldrich, Inc.
Project/Site: Former Port Mobil

Job ID: 460-335747-1

Laboratory: Eurofins Lancaster Laboratories Environment Testing, LLC (Continued)

All accreditations/certifications held by this laboratory are listed. Not all accreditations/certifications are applicable to this report.

Authority	Program	Identification Number	Expiration Date
Oklahoma	NELAP	9804	12-31-25
Oregon	NELAP	PA200001	09-12-26
Pennsylvania	NELAP	36-00037	01-31-26
Quebec Ministry of Environment and Fight against Climate Change	PALA	507	09-16-29
Rhode Island	State	LAO00338	12-30-25
South Carolina	State	89002	01-31-26
Tennessee	State	02838	01-31-26
Texas	NELAP	T104704194-23-46	08-31-26
USDA	US Federal Programs	525-22-298-19481	10-25-25
Vermont	State	VT - 36037	10-27-25
Virginia	NELAP	460182	06-14-26
Washington	State	C457	04-11-26
West Virginia (DW)	State	9906 C	03-31-26
West Virginia DEP	State	055	07-31-26
Wyoming	State	8TMS-L	01-31-26
Wyoming (UST)	A2LA	0001.01	11-30-26

Method Summary

Client: Haley & Aldrich, Inc.
Project/Site: Former Port Mobil

Job ID: 460-335747-1

Method	Method Description	Protocol	Laboratory
8260D	Volatile Organic Compounds by GC/MS	SW846	EET EDI
8270E	Semivolatile Organic Compounds (GC/MS)	SW846	EET EDI
8081B	Organochlorine Pesticides (GC)	SW846	EET EDI
8082A	Polychlorinated Biphenyls (PCBs) by Gas Chromatography	SW846	EET EDI
1633A	Per- and Polyfluoroalkyl Substances by LC/MS/MS, 1633A	EPA	ELLE
6020B	Metals (ICP/MS)	SW846	EET EDI
7471B	Mercury (CVAA)	SW846	EET EDI
Moisture	Percent Moisture	EPA	EET EDI
1633A Shake	Shake Extraction with SPE	EPA	ELLE
3050B	Preparation, Metals	SW846	EET EDI
3546	Microwave Extraction	SW846	EET EDI
5035	Closed System Purge and Trap	SW846	EET EDI
7471B	Preparation, Mercury	SW846	EET EDI

Protocol References:

EPA = US Environmental Protection Agency

SW846 = "Test Methods For Evaluating Solid Waste, Physical/Chemical Methods", Third Edition, November 1986 And Its Updates.

Laboratory References:

EET EDI = Eurofins Edison, 777 New Durham Road, Edison, NJ 08817, TEL (732)549-3900

ELLE = Eurofins Lancaster Laboratories Environment Testing, LLC, 2425 New Holland Pike, Lancaster, PA 17601, TEL (717)656-2300

Sample Summary

Client: Haley & Aldrich, Inc.
Project/Site: Former Port Mobil

Job ID: 460-335747-1

Lab Sample ID	Client Sample ID	Matrix	Collected	Received	Sample Origin
460-335747-1	53A_0-5	Solid	09/25/25 08:00	09/25/25 16:10	New York
460-335747-2	53A_5-10	Solid	09/25/25 08:05	09/25/25 16:10	New York
460-335747-3	53B_0-5	Solid	09/25/25 08:10	09/25/25 16:10	New York
460-335747-4	53B_5-10	Solid	09/25/25 08:15	09/25/25 16:10	New York
460-335747-5	53C_0-5	Solid	09/25/25 08:20	09/25/25 16:10	New York
460-335747-6	53C_5-10	Solid	09/25/25 08:25	09/25/25 16:10	New York
460-335747-7	53D_0-5	Solid	09/25/25 08:30	09/25/25 16:10	New York
460-335747-8	53D_5-10	Solid	09/25/25 08:35	09/25/25 16:10	New York
460-335747-9	54A_0-4	Solid	09/25/25 08:40	09/25/25 16:10	New York
460-335747-10	54A_4-8	Solid	09/25/25 08:45	09/25/25 16:10	New York
460-335747-11	54B_0-4	Solid	09/25/25 08:50	09/25/25 16:10	New York
460-335747-12	54B_4-8	Solid	09/25/25 08:55	09/25/25 16:10	New York
460-335747-13	54C_0-4	Solid	09/25/25 09:00	09/25/25 16:10	New York
460-335747-14	54C_4-8	Solid	09/25/25 09:05	09/25/25 16:10	New York
460-335747-15	54D_0-4	Solid	09/25/25 09:10	09/25/25 16:10	New York
460-335747-16	54D_4-8	Solid	09/25/25 09:15	09/25/25 16:10	New York
460-335747-17	53A1_7-8	Solid	09/25/25 09:30	09/25/25 16:10	New York
460-335747-18	53A2_9-10	Solid	09/25/25 09:40	09/25/25 16:10	New York
460-335747-19	53A1_8-9	Solid	09/25/25 09:45	09/25/25 16:10	New York
460-335747-20	53A2_5-6	Solid	09/25/25 09:50	09/25/25 16:10	New York
460-335747-21	53A1_4-5	Solid	09/25/25 09:55	09/25/25 16:10	New York
460-335747-22	53A3_0-1	Solid	09/25/25 10:00	09/25/25 16:10	New York
460-335747-23	53A1_2-3	Solid	09/25/25 10:05	09/25/25 16:10	New York
460-335747-24	53B2_4-5	Solid	09/25/25 10:10	09/25/25 16:10	New York
460-335747-25	53B1_5-6	Solid	09/25/25 10:15	09/25/25 16:10	New York
460-335747-26	53B1_7-8	Solid	09/25/25 10:20	09/25/25 16:10	New York
460-335747-27	53B3_9-10	Solid	09/25/25 10:25	09/25/25 16:10	New York
460-335747-28	53B1_2-3	Solid	09/25/25 10:30	09/25/25 16:10	New York
460-335747-29	53B3_1-2	Solid	09/25/25 10:35	09/25/25 16:10	New York
460-335747-30	53B2_6-7	Solid	09/25/25 10:40	09/25/25 16:10	New York
460-335747-31	53C1_1-2	Solid	09/25/25 10:45	09/25/25 16:10	New York
460-335747-32	53C1_9-10	Solid	09/25/25 10:50	09/25/25 16:10	New York
460-335747-33	53C3_2-3	Solid	09/25/25 10:55	09/25/25 16:10	New York
460-335747-34	53C2_5-6	Solid	09/25/25 11:00	09/25/25 16:10	New York
460-335747-35	53C2_4-5	Solid	09/25/25 11:05	09/25/25 16:10	New York
460-335747-36	53C3_8-9	Solid	09/25/25 11:10	09/25/25 16:10	New York
460-335747-37	53C1_7-8	Solid	09/25/25 11:15	09/25/25 16:10	New York
460-335747-38	54D3_1-2	Solid	09/25/25 12:20	09/25/25 16:10	New York
460-335747-39	54D3_2-3	Solid	09/25/25 12:25	09/25/25 16:10	New York
460-335747-40	54D1_0-1	Solid	09/25/25 12:30	09/25/25 16:10	New York
460-335747-41	54C1_4-5	Solid	09/25/25 13:10	09/25/25 16:10	New York
460-335747-42	54C3_1-2	Solid	09/25/25 13:15	09/25/25 16:10	New York
460-335747-43	54C3_5-6	Solid	09/25/25 13:20	09/25/25 16:10	New York
460-335747-44	54C1_7-8	Solid	09/25/25 13:25	09/25/25 16:10	New York
460-335747-45	54C2_2-3	Solid	09/25/25 13:30	09/25/25 16:10	New York
460-335747-46	54C1_3-4	Solid	09/25/25 13:35	09/25/25 16:10	New York
460-335747-47	54C2_6-7	Solid	09/25/25 13:40	09/25/25 16:10	New York
460-335747-48	54B2_4-5	Solid	09/25/25 12:35	09/25/25 16:10	New York
460-335747-49	53D3_7-8	Solid	09/25/25 11:20	09/25/25 16:10	New York
460-335747-50	53D1_0-1	Solid	09/25/25 11:25	09/25/25 16:10	New York
460-335747-51	53D2_3-4	Solid	09/25/25 11:30	09/25/25 16:10	New York
460-335747-52	53D3_2-3	Solid	09/25/25 11:35	09/25/25 16:10	New York
460-335747-53	53D2_4-5	Solid	09/25/25 11:40	09/25/25 16:10	New York

Sample Summary

Client: Haley & Aldrich, Inc.
Project/Site: Former Port Mobil

Job ID: 460-335747-1

Lab Sample ID	Client Sample ID	Matrix	Collected	Received	Sample Origin
460-335747-54	53D1_5-6	Solid	09/25/25 11:45	09/25/25 16:10	New York
460-335747-55	53D1_6-7	Solid	09/25/25 11:50	09/25/25 16:10	New York
460-335747-56	54D2_4-5	Solid	09/25/25 12:00	09/25/25 16:10	New York
460-335747-57	54D1_6-7	Solid	09/25/25 12:05	09/25/25 16:10	New York
460-335747-58	54D1_5-6	Solid	09/25/25 12:10	09/25/25 16:10	New York
460-335747-59	54D2_3-4	Solid	09/25/25 12:15	09/25/25 16:10	New York
460-335747-60	54B3_5-6	Solid	09/25/25 12:40	09/25/25 16:10	New York
460-335747-61	54B3_6-7	Solid	09/25/25 12:45	09/25/25 16:10	New York
460-335747-62	54B1_0-1	Solid	09/25/25 12:50	09/25/25 16:10	New York
460-335747-63	54B2_7-8	Solid	09/25/25 12:55	09/25/25 16:10	New York
460-335747-64	54B1_2-3	Solid	09/25/25 13:00	09/25/25 16:10	New York
460-335747-65	54B2_3-4	Solid	09/25/25 13:05	09/25/25 16:10	New York
460-335747-66	54A1_0-1	Solid	09/25/25 13:45	09/25/25 16:10	New York
460-335747-67	54A3_5-6	Solid	09/25/25 13:50	09/25/25 16:10	New York
460-335747-68	54A1_7-8	Solid	09/25/25 13:55	09/25/25 16:10	New York
460-335747-69	54A3_2-3	Solid	09/25/25 14:00	09/25/25 16:10	New York
460-335747-70	54A2_1-2	Solid	09/25/25 14:05	09/25/25 16:10	New York
460-335747-71	54A1_4-5	Solid	09/25/25 14:10	09/25/25 16:10	New York
460-335747-72	54A2_6-7	Solid	09/25/25 14:15	09/25/25 16:10	New York

Eurofins Edison
777 New Durham Road
Edison, NJ 08817
Phone (732) 549-3900 Phone (732) 549-3679

Chain of Custody Record

eurofins | Environment Testing

Client Information	Sampler: KRO	Lab PM: Flannery Elizabeth J	Carrier Tracking No(s):	COC No: 460-200410-131129.1
Client Contact: Sarah Commisso	Phone:	E-Mail: Elizabeth.Flannery@et.eurofinsus.com	State of Origin:	Page: Page 1 of 2
Company: Haley & Aldrich, Inc.	PWSID:	Analysis Requested		Job #: 335747
Address: 213 West 35th Street, 7th Floor	Due Date Requested:			Preservation Codes: N None F MeOH
City: New York	TAT Requested (days): Standard			
State, Zip: NY 10001	Compliance Project: Δ Yes Δ No			
Phone:	PO #: 0213836-001-002-03 ~~0209088-001-001-05~~			
Email: SCommisso@haleyaldrich.com	WO #: 4101 Arthur Kill Road, Staten Island, NY			
Project Name: 4101 Arthur Kill Former Port Mobil	Project #: 46042832			
Site:	SSOW#:			

SHORT HOLD

460-335747 Chain of Custody

Sample Identification	Sample Date	Sample Time	Sample Type (C=comp, G=grab)	Matrix (W=water, S=solid, O=waste/oil, BT=Tissue, A=Air, DW=Drinking Water)	Field Filtered Sample (Yes or No)	Perform MS/MSD (Yes or No)	8020B, 7471B, 8081B, 8082A, 8270E	8260D TCL/Part 375 VOCs	1633 Standard List 4D	TOTAL N	Special Instructions/Note:
Preservation Code:					X	X	N	F	N	X	
53A_0-5	9/25/25	800	C	Solid			X		X		1
53A_5-10		805		Solid							2
53B_0-5		810		Solid							3
53B_5-10		815		Solid							4
53C_0-5		820		Solid							5
53C_5-10		825		Solid							6
53D_0-5		830		Solid							7
53D_5-10		835		Solid							8
54A_0-4		840		Solid							9
54A_4-8		845		Solid							10
54B_0-4		850		Solid							11

Possible Hazard Identification
☐ Non-Hazard ☐ Flammable ☐ Skin Irritant ☐ Poison B ☐ Unknown ☐ Radiological

Sample Disposal (A fee may be assessed if samples are retained longer than 1 month)
☐ Return To Client ☐ Disposal By Lab ☐ Archive For _____ Months

Deliverable Requested: I II III, IV Other (specify)

Special Instructions/QC Requirements:

Empty Kit Relinquished by:	Date:	Time:	Method of Shipment:			
Relinquished by: KOConner	Date/Time: 9/25/25 1605 MSB	Company: HAI	Received by: Emily Hoffman	Date/Time: 9/25/25 1610	Company: ETT	
Relinquished by:	Date/Time:	Company	Received by:	Date/Time:	Company	
Relinquished by:	Date/Time:	Company	Received by:	Date/Time:	Company	
Custody Seals Intact: Δ Yes Δ No	Custody Seal No.		Cooler Temperature(s) °C and Other Remarks:	TR#9 25.0/24.7 24.8/24.5 NO ICE		

Eurofins Edison
777 New Durham Road
Edison, NJ 08817
Phone (732) 549-3900 Phone (732) 549-3679

Chain of Custody Record

eurofins | Environment Testing

Client Information	Sampler: KRD	Lab PM: Flannery Elizabeth J	Carrier Tracking No(s):	COC No: 460-200410-131129.2
Client Contact: Sarah Commisso	Phone:	E-Mail: Elizabeth.Flannery@et.eurofinsus.com	State of Origin:	Page: Page 2 of 8
Company: Haley & Aldrich, Inc.	PWSID:	Analysis Requested		Job #: 335747
Address: 213 West 35th Street, 7th Floor	Due Date Requested:			Preservation Codes: N None F MeOH
City: New York	TAT Requested (days): Standard			
State, Zip: NY 10001	Compliance Project: Δ Yes Δ No			
Phone:	PO #: 0213336 001-002-03 ~~0208988 001-001-08~~			
Email: SCommisso@haleyaldrich.com	WO #: 4101 Arthur Kill Road, Staten Island, NY			Other:
Project Name: 4101 Arthur Kill Former Port Mobil	Project #: 46042832			
Site:	SSOW#:			

Sample Identification	Sample Date	Sample Time	Sample Type (C=Comp, G=grab)	Matrix (Wwater, S=solid, O=waste/oil, BT=Tissue, A=Air, DW=Drinking Water)	Field Filtered Sample (Yes or No)	Perform MS/MSD (Yes or No)	6020B, 7471B, 8081B, 8082A, 8270E	8260D TCL/Part 375 VOCs	1633A Standard List 40	Total Number of containers	Special Instructions/Note:
			Preservation Code:				N	F	N		
54B_4-8	9/25/25	855	C	Solid			X		X		12
54C_0-4	"	900	"	Solid			"		"		13
54C_4-8	"	905	"	Solid			"		"		14
54D_0-4	"	910	"	Solid			"		"		15
54D_4-8	"	915	"	Solid			"		"		16
				Solid							
				Solid							
				Solid							
				Solid							
				Solid							
				Solid							

Possible Hazard Identification
☐ Non-Hazard ☐ Flammable ☐ Skin Irritant ☐ Poison B ☐ Unknown ☐ Radiological

Sample Disposal (A fee may be assessed if samples are retained longer than 1 month)
☐ Return To Client ☐ Disposal By Lab ☐ Archive For _____ Months

Deliverable Requested: I, II, III, IV Other (specify)

Special Instructions/QC Requirements:

Empty Kit Relinquished by:	Date:	Time:	Method of Shipment:				
Relinquished by: KOconnor	Date/Time: 9/25/25 1450	Company: EA	Received by: Emely Rafle	Date/Time: 9/25/25 1610	Company: EA
Relinquished by:	Date/Time:	Company	Received by:	Date/Time:	Company
Relinquished by:	Date/Time:	Company	Received by:	Date/Time:	Company

Custody Seals Intact: Δ Yes Δ No	Custody Seal No.	Cooler Temperature(s) °C and Other Remarks:

Ver: 05/06/2024

Eurofins Edison
777 New Durham Road
Edison, NJ 08817
Phone (732) 549-3900 Phone (732) 549-3679

Chain of Custody Record

eurofins Environment Testing

Client Information	Sampler: KRO	Lab PM: Flannery Elizabeth J	Carrier Tracking No(s):	COC No: 460-200410-131129.3
Client Contact: Sarah Commisso	Phone:	E-Mail: Elizabeth.Flannery@et.eurofinsus.com	State of Origin:	Page: Page 3 of 8
Company: Haley & Aldrich, Inc.	PWSID:			Job #: 555747
Address: 213 West 35th Street, 7th Floor	Due Date Requested:	Analysis Requested		Preservation Codes: N None F MeOH
City: New York	TAT Requested (days): Standard			
State, Zip: NY 10001	Compliance Project: Δ Yes Δ No			
Phone:	PO #: 0213836-001-002-03 ~~0209088-001-001-06~~			
Email: SCommisso@haleyaldrich.com	WO #: 4101 Arthur Kill Road, Staten Island, NY			
Project Name: 4101 Arthur Kill - Former Port Mobil	Project #: 46042832			
Site:	SSOW#:			Other

Sample Identification	Sample Date	Sample Time	Sample Type (C=Comp, G=grab)	Matrix (W=water, S=solid, O=waste/oil, BT=Tissue, A=Air, DW=Drinking Water)	Field Filtered Sample (Yes or No)	Perform MS/MSD (Yes or No)	6020B, 7471B, 8081B, 8082A, 8270E	8260D TCL/Part 375 VOCs	Total Number of containers	Special Instructions/Note:
			Preservation Code:				N	F		
53A1_7-8	9/25/25	930	G	Solid				X		17
53A2_9-10		940		Solid						18
53A1_8-9		945		Solid						19
53A2_5-6		950		Solid						20
53A1_4-5		955		Solid						21
53A3_0-1		1000		Solid						22
53A1_2-3		1005		Solid						23
53B2_4-5		1010		Solid						24
53B1_5-6		1015		Solid						25
53B1_7-8		1020		Solid						26
53B3_9-10		1025		Solid						27

Possible Hazard Identification
☐ Non-Hazard ☐ Flammable ☐ Skin Irritant ☐ Poison B ☐ Unknown ☐ Radiological

Sample Disposal (A fee may be assessed if samples are retained longer than 1 month)
☐ Return To Client ☐ Disposal By Lab ☐ Archive For _____ Months

Deliverable Requested: I II, III, IV Other (specify)

Special Instructions/QC Requirements:

Empty Kit Relinquished by:	Date:	Time:	Method of Shipment:

Relinquished by:	Date/Time:	Company	Received by:	Date/Time:	Company
K OConnor	9/25/25 1450 1605	H&A	Emily Hoffler	9/25/25 1610	ETA
Relinquished by:	Date/Time:	Company	Received by:	Date/Time:	Company
Relinquished by:	Date/Time:	Company	Received by:	Date/Time:	Company

Custody Seals Intact: Δ Yes Δ No	Custody Seal No.	Cooler Temperature(s) °C and Other Remarks:

Ver: 05/06/2024

Eurofins Edison
777 New Durham Road
Edison, NJ 08817
Phone (732) 549-3900 Phone (732) 549-3679

Chain of Custody Record

eurofins Environment Testing

Client Information	Sampler: KRO	Lab PM: Flannery Elizabeth J	Carrier Tracking No(s):	COC No: 460-200410-131129.4
Client Contact: Sarah Commisso	Phone:	E-Mail: Elizabeth.Flannery@et.eurofinsus.com	State of Origin:	Page: Page 4 of 8
Company: Haley & Aldrich, Inc.	PWSID:			Job #: 335747
Address: 213 West 35th Street, 7th Floor	Due Date Requested:			Preservation Codes: N None, F MeOH
City: New York	TAT Requested (days): Standard			
State, Zip: NY 10001	Compliance Project: Δ Yes Δ No			
Phone:	PO #: G2135336-001-002-03 0208988-001-001-08			
Email: SCommisso@haleyaldrich.com	WO #: 4101 Arthur Kill Road, Staten Island, NY			
Project Name: 4101 Arthur Kill - Former Port Mobil	Project #: 46042832			
Site:	SSOW#:			Other

Analysis Requested

Sample Identification	Sample Date	Sample Time	Sample Type (C=comp, G=grab)	Matrix (W=water, S=solid, O=waste/oil, BT=Tissue, A=Air, DW=Drinking Water)	Field Filtered Sample (Yes or No)	Perform MS/MSD (Yes or No)	6020B, 7471B, 8081B, 8082A, 8270E	8260D TCL/Part 375 VOCs	Total Number of containers	Special Instructions/Note:
			Preservation Code:				N	F		
~~53B_9-10~~ KRO				Solid						
53B1_2-3	9/25/25	1030	G	Solid				X		28
53B3_1-2		1035		Solid						29
53B2_6-7		1040		Solid						30
53C1_1-2		1045		Solid						31
53C1_9-10		1050		Solid						32
53C3_2-3		1055		Solid						33
53C2_5-6		1100		Solid						34
53C2_4-5		1105		Solid						35
53C3_8-9		1110		Solid						36
53C1_7-8		1115		Solid						37

Possible Hazard Identification
☐ Non-Hazard ☐ Flammable ☐ Skin Irritant ☐ Poison B ☐ Unknown ☐ Radiological

Sample Disposal (A fee may be assessed if samples are retained longer than 1 month)
☐ Return To Client ☐ Disposal By Lab ☐ Archive For _____ Months

Deliverable Requested: I, II, III, IV Other (specify)

Special Instructions/QC Requirements:

Empty Kit Relinquished by:	Date:	Time:	Method of Shipment:

Relinquished by:	Date/Time:	Company	Received by:	Date/Time:	Company
KOconnor	9/25/25 1250	HA	Emily Moffa	9/25/25 1610	ETA
Relinquished by:	Date/Time:	Company	Received by:	Date/Time:	Company
Relinquished by:	Date/Time:	Company	Received by:	Date/Time:	Company

Custody Seals Intact: Δ Yes Δ No	Custody Seal No.	Cooler Temperature(s) °C and Other Remarks:

Ver: 05/06/2024

Eurofins Edison
777 New Durham Road
Edison, NJ 08817
Phone (732) 549-3900 Phone (732) 549-3679

Chain of Custody Record

eurofins | Environment Testing

Client Information	Sampler: KEO	Lab PM: Flannery, Elizabeth J	Carrier Tracking No(s):	COC No: 460-200410-131129.5
Client Contact: Sarah Commisso	Phone:	E-Mail: Elizabeth.Flannery@et.eurofinsus.com	State of Origin:	Page: Page 5 of 8
Company: Haley & Aldrich, Inc.	PWSID:			Job #: 55747
Address: 213 West 35th Street, 7th Floor	Due Date Requested:			Preservation Codes: N None, F MeOH
City: New York	TAT Requested (days): Standard			
State, Zip: NY 10001	Compliance Project: Δ Yes Δ No			
Phone:	PO #: 0213836-001-002-03 ~~0208988-001-001-06~~			
Email: SCommisso@haleyaldrich.com	WO #: 4101 Arthur Kill Road, Staten Island, NY			
Project Name: 4101 Arthur Kill - Former Port Mobil	Project #: 46042832			
Site:	SSOW#:			Other

Analysis Requested

Sample Identification	Sample Date	Sample Time	Sample Type (C=Comp, G=grab)	Matrix (W=water, S=solid, O=waste/oil, BT=Tissue, A=Air, DW=Drinking Water)	Field Filtered Sample (Yes or No)	Perform MS/MSD (Yes or No)	6020B, 7471B, 8081B, 8082A, 8270E	8260D TCLPart 375 VOCs	Total Number of containers	Special Instructions/Note:
			Preservation Code:				N	F		
54D3_1-2	9/25/25	1320/1220	G	Solid				X		38
54D3_2-3		1315/1225		Solid						39
54D1_0-1		1230		Solid						40
54C1_4-5		1310		Solid						41
54C3_1-2		1315		Solid						42
54C3_5-6		1320		Solid						43
54C1_7-8		1325		Solid						44
54C2_2-3		1330		Solid						45
54C1_3-4		1335		Solid						46
54C2_6-7		1340		Solid						47
54B2_4-5		1235		Solid						48

Possible Hazard Identification
☐ Non-Hazard ☐ Flammable ☐ Skin Irritant ☐ Poison B ☐ Unknown ☐ Radiological

Sample Disposal (A fee may be assessed if samples are retained longer than 1 month)
☐ Return To Client ☐ Disposal By Lab ☐ Archive For _____ Months

Deliverable Requested: I, II, III, IV, Other (specify)

Special Instructions/QC Requirements:

Empty Kit Relinquished by:	Date:	Time:	Method of Shipment:			
Relinquished by: K OConnor	Date/Time: 9/25/25 1450	Company: HHA	Received by: Emily Hafler	Date/Time: 9/25/25 1610	Company: ETI
Relinquished by:	Date/Time:	Company	Received by:	Date/Time:	Company
Relinquished by:	Date/Time:	Company	Received by:	Date/Time:	Company

Custody Seals Intact: Δ Yes Δ No	Custody Seal No.	Cooler Temperature(s) °C and Other Remarks:

Ver: 05/06/2024

Eurofins Edison
777 New Durham Road
Edison NJ 08817
Phone (732) 549-3900 Phone (732) 549-3679

Chain of Custody Record

eurofins | Environment Testing

Client Information	Sampler: KOC	Lab PM: Flannery Elizabeth J	Carrier Tracking No(s):	COC No: 460-200411-131131 1
Client Contact: Sarah Commisso	Phone:	E-Mail: Elizabeth.Flannery@et.eurofinsus.com	State of Origin:	Page: Page ~~1 of 5~~ 6 18
Company: Haley & Aldrich, Inc.	PWSID:			Job #: ~~35747~~
Address: 213 West 35th Street, 7th Floor	Due Date Requested:			Preservation Codes: N None
City: New York	TAT Requested (days): Standard			
State, Zip: NY 10001	Compliance Project: Δ Yes Δ No			
Phone:	PO #: 0208988-001-002-03 ~~0208988-001-001-06~~			
Email: SCommisso@haleyaldrich.com	WO #: 4101 Arthur Kill Road, Staten Island, NY			
Project Name: 4101 Arthur Kill - Former Port Mobil	Project #: 46042832			Other:
Site:	SSOW#:			

Analysis Requested

Sample Identification	Sample Date	Sample Time	Sample Type (C=comp, G=grab)	Matrix (W=water, S=solid, O=waste/oil, BT=Tissue, A=Air, DW=Drinking Water)	Field Filtered Sample (Yes or No)	Perform MS/MSD (Yes or No)	1633A 1633 Standard List 40	Total Number of containers	Special Instructions/Note:
			Preservation Code:				N		
53D3_7-8	9/25/25	1120	G	Solid			X		49
53D1_0-1		1125		Solid					50
53D2_3-4		1130		Solid					51
53D3_2-3		1135		Solid					52
53D2_4-5		1140		Solid					53
53D1_5-6		1145		Solid					54
53D1_6-7		1150		Solid					55
54D2_4-5		1200		Solid					56
54D1_6-7		1205		Solid					57
54D_5 6		1210		Solid					58
54D2_3-4		1215		Solid					59

Possible Hazard Identification
☐ Non-Hazard ☐ Flammable ☐ Skin Irritant ☐ Poison B ☐ Unknown ☐ Radiological

Sample Disposal (A fee may be assessed if samples are retained longer than 1 month)
☐ Return To Client ☐ Disposal By Lab ☐ Archive For _____ Months

Deliverable Requested: I, II III, IV Other (specify)

Special Instructions/QC Requirements:

Empty Kit Relinquished by:	Date:	Time:	Method of Shipment:

Relinquished by:	Date/Time:	Company	Received by:	Date/Time:	Company
K OConnor	9/25/25 1430	HAA	Emely Haffner	9/25/25 1610	ET
Relinquished by:	Date/Time:	Company	Received by:	Date/Time:	Company
Relinquished by:	Date/Time:	Company	Received by:	Date/Time:	Company

Custody Seals Intact: Δ Yes Δ No	Custody Seal No.	Cooler Temperature(s) °C and Other Remarks:

Ver 05/06/2024

Eurofins Edison
777 New Durham Road
Edison, NJ 08817
Phone (732) 549-3900 Phone (732) 549-3679

Chain of Custody Record

eurofins | Environment Testing

Client Information	Sampler: KRO	Lab PM: Flannery Elizabeth J	Carrier Tracking No(s):	COC No: 460-200410-131129.6
Client Contact: Sarah Commisso	Phone:	E-Mail: Elizabeth.Flannery@et.eurofinsus.com	State of Origin:	Page: Page ~~6 of 21~~ 718
Company: Haley & Aldrich, Inc.	PWSID:			Job #: 335747
Address: 213 West 35th Street, 7th Floor	Due Date Requested:			
City: New York	TAT Requested (days): Standard			
State, Zip: NY 10001	Compliance Project: Δ Yes Δ No			
Phone:	PO #: 0213836-001-002-03 ~~0208986-001-001-06~~			
Email: SCommisso@haleyaldrich.com	WO #: 4101 Arthur Kill Road, Staten Island, NY			
Project Name: 4101 Arthur Kill - Former Port Mobil	Project #: 46042832			
Site:	SSOW#:			

Analysis Requested

Preservation Codes: N None; F MeOH; Other

Sample Identification	Sample Date	Sample Time	Sample Type (C=Comp, G=grab)	Matrix (W=water, S=solid, O=waste/oil, BT=Tissue, A=Air, DW=Drinking Water)	Field Filtered Sample (Yes or No)	Perform MS/MSD (Yes or No)	6020B, 7471B, 8081B, 8082A, 8270E	8260D TCL/Part 375 VOCs	Total Number of containers	Special Instructions/Note:
			Preservation Code:				N	F		
54B3_5-6	9/25/25	1240	G	Solid		N		X		60
54B3_6-7		1245		Solid						61
54B1_0-1		1250		Solid						62
54B2_7-8		1255		Solid						63
54B1_2-3		1300		Solid						64
54B2_3-4		1305		Solid						65
54A1_0-1		1345		Solid						66
54A3_5-6		1350		Solid						67
54A1_7-8		1355		Solid						68
54A3_2-3		1400		Solid						69
54A2_1-2		1405		Solid						70

Possible Hazard Identification
☐ Non-Hazard ☐ Flammable ☐ Skin Irritant ☐ Poison B ☐ Unknown ☐ Radiological

Sample Disposal (A fee may be assessed if samples are retained longer than 1 month)
☐ Return To Client ☐ Disposal By Lab ☐ Archive For _____ Months

Deliverable Requested: I, II, III IV Other (specify)

Special Instructions/QC Requirements:

Empty Kit Relinquished by:	Date:	Time:	Method of Shipment:

Relinquished by:	Date/Time:	Company	Received by:	Date/Time:	Company
JC OConnor	9/25/25 1450	HHA	Emily Hoffer	9/25/25 1610	EHT
Relinquished by:	Date/Time:	Company	Received by:	Date/Time:	Company
Relinquished by:	Date/Time:	Company	Received by:	Date/Time:	Company

Custody Seals Intact: Δ Yes Δ No	Custody Seal No.	Cooler Temperature(s) °C and Other Remarks:

Ver 05/06/2024

Eurofins Edison
777 New Durham Road
Edison NJ 08817
Phone (732) 549-3900 Phone (732) 549-3679

Chain of Custody Record

eurofins | Environment Testing

Client Information	Sampler: KRO	Lab PM: Flannery Elizabeth J	Carrier Tracking No(s):	COC No: 460-200410-131129.7
Client Contact: Sarah Commisso	Phone:	E-Mail: Elizabeth.Flannery@et.eurofinsus.com	State of Origin:	Page: Page ~~7 of 21~~ 8/8
Company: Haley & Aldrich, Inc.	PWSID:			Job #: 175747
Address: 213 West 35th Street, 7th Floor	Due Date Requested:			
City: New York	TAT Requested (days): Standard			
State, Zip: NY 10001	Compliance Project: Δ Yes Δ No			
Phone:	PO #: 0213536 00-002-03 ~~0208988-001-001-00~~			
Email: SCommisso@haleyaldrich.com	WO #: 4101 Arthur Kill Road, Staten Island, NY			
Project Name: 4101 Arthur Kill - Former Port Mobil	Project #: 46042832			
Site:	SSOW#:			

Analysis Requested

Preservation Codes:
N None
F MeOH
Other

Sample Identification	Sample Date	Sample Time	Sample Type (C=Comp, G=grab)	Matrix (W=water, S=solid, O=waste/oil, BT=Tissue, A=Air, DW=Drinking Water)	Field Filtered Sample (Yes or No)	Perform MS/MSD (Yes or No)	6020B, 7471B, 8081B, 8082A, 8270E	8260D TCL/Part 375 VOCs	Total Number of containers	Special Instructions/Note:
			Preservation Code:				N	F		
SHA1_4-5	9/25/25	1410	G	Solid				X		71
SHA2_6-7	1	1415	1	Solid				1		72
				Solid						
				Solid						
				Solid						
				Solid						
				Solid						
				Solid						
				Solid						
				Solid						
				Solid						
				Solid						

Possible Hazard Identification
☐ Non-Hazard ☐ Flammable ☐ Skin Irritant ☐ Poison B ☐ Unknown ☐ Radiological

Sample Disposal (A fee may be assessed if samples are retained longer than 1 month)
☐ Return To Client ☐ Disposal By Lab ☐ Archive For _____ Months

Deliverable Requested: I, II, III, IV Other (specify)

Special Instructions/QC Requirements:

Empty Kit Relinquished by:	Date:	Time:	Method of Shipment:

Relinquished by:	Date/Time:	Company	Received by:	Date/Time:	Company
K O'Connor	9/25/25 1650	HA	Emily Hoffer	9/25/25 1610	CTA
Relinquished by:	Date/Time:	Company	Received by:	Date/Time:	Company
Relinquished by:	Date/Time:	Company	Received by:	Date/Time:	Company

Custody Seals Intact: Δ Yes Δ No	Custody Seal No.	Cooler Temperature(s) °C and Other Remarks:

Ver: 05/06/2024

Eurofins TestAmerica Edison
Receipt Temperature and pH Log

Job Number: 335747

Number of Coolers: 2

IR Gun # 9

Cooler Temperatures

	RAW	CORRECTED		RAW	CORRECTED		RAW	CORRECTED
Cooler #1:	25.6 °C	°C	Cooler #4:	°C	°C	Cooler #7:	°C	°C
Cooler #2:	24.8 °C	°C	Cooler #5:	°C	°C	Cooler #8:	°C	°C
Cooler #3:	°C	°C	Cooler #6:	°C	°C	Cooler #9:	°C	°C

TALS Sample Number	Ammonia (pH<2)	COD (pH<2)	Nitrate Nitrite (pH<2)	Metals* (pH<2)	Hardness (pH<2)	Pest (pH 5-9)	EPH or QAM (pH<2)	Phenols (pH<2)	Sulfide (pH>9)	TKN (pH<2)	TOC (pH<2)	Total Cyanide (pH>12)	Total Phos (pH<2)	Other	Other

If pH adjustments are required record the information below*

Sample No(s). adjusted. _____

Preservative Name/Conc. _____ Volume of Preservative used (ml). _____

Lot # of Preservative(s) _____ Expiration Date* _____

The appropriate Project Manager and Department Manager should be notified about the samples which were pH adjusted.

** Samples for Metal analysis which are out of compliance must be acidified at least 24 hours prior to analysis.*

Initials EH Date: 9/25/25

EDS-WI-038, Rev 4.1
10/22/2019

Eurofins Edison
777 New Durham Road
Edison, NJ 08817
Phone: 732-549-3900 Fax: 732-549-3679

Chain of Custody Record

eurofins | Environment Testing

Client Information (Sub Contract Lab)	Sampler: N/A	Lab PM: Flannery, Elizabeth J	Carrier Tracking No(s): N/A	COC No: 460-75495.1
Client Contact: Shipping/Receiving	Phone: N/A	E-Mail: Elizabeth.Flannery@et.eurofinsus.com	State of Origin: New York	Page: Page 1 of 2
Company: Eurofins Lancaster Laboratories Environm		Accreditations Required (See note): NELAP - New York		Job #: 460-335747-1
Address: 2425 New Holland Pike, ,	Due Date Requested: 10/2/2025			Preservation Codes: -
City: Lancaster	TAT Requested (days): N/A			
State, Zip: PA, 17601				
Phone: 717-656-2300(Tel)	PO #: N/A			
Email: N/A	WO #: N/A			
Project Name: Former Port Mobil	Project #: 46042832			
Site: N/A	SSOW#: N/A			Other: N/A

Sample Identification - Client ID (Lab ID)	Sample Date	Sample Time	Sample Type (C=comp, G=grab)	Matrix (W=water, S=solid, O=waste/oil, BT=Tissue, A=Air)	Field Filtered Sample (Yes or No)	Perform MS/MSD (Yes or No)	1633A/1633A_Shake1633 Standard List 40	Total Number of containers	Special Instructions/Note:
			Preservation Code:						
53A_0-5 (460-335747-1)	9/25/25	08:00 Eastern	G	Solid			X	1	
53A_5-10 (460-335747-2)	9/25/25	08:05 Eastern	G	Solid			X	1	
53B_0-5 (460-335747-3)	9/25/25	08:10 Eastern	G	Solid			X	1	
53B_5-10 (460-335747-4)	9/25/25	08:15 Eastern	G	Solid			X	1	
53C_0-5 (460-335747-5)	9/25/25	08:20 Eastern	G	Solid			X	1	
53C_5-10 (460-335747-6)	9/25/25	08:25 Eastern	G	Solid			X	1	
53D_0-5 (460-335747-7)	9/25/25	08:30 Eastern	G	Solid			X	1	
53D_5-10 (460-335747-8)	9/25/25	08:35 Eastern	G	Solid			X	1	
54A_0-4 (460-335747-9)	9/25/25	08:40 Eastern	G	Solid			X	1	

Note: Since laboratory accreditations are subject to change, Eurofins Environment Testing Northeast, LLC places the ownership of method, analyte & accreditation compliance upon our subcontract laboratories. This sample shipment is forwarded under chain-of-custody. If the laboratory does not currently maintain accreditation in the State of Origin listed above for analysis/tests/matrix being analyzed, the samples must be shipped back to the Eurofins Environment Testing Northeast, LLC laboratory or other instructions will be provided. Any changes to accreditation status should be brought to Eurofins Environment Testing Northeast, LLC attention immediately. If all requested accreditations are current to date, return the signed Chain of Custody attesting to said compliance to Eurofins Environment Testing Northeast, LLC.

Possible Hazard Identification	*Sample Disposal (A fee may be assessed if samples are retained longer than 1 month)*
Unconfirmed	☐ *Return To Client* ☐ *Disposal By Lab* ☐ *Archive For* _____ *Months*
Deliverable Requested: I, II, III, IV, Other (specify) Primary Deliverable Rank: 1	Special Instructions/QC Requirements:

Empty Kit Relinquished by:	Date:	Time:	Method of Shipment:

Relinquished by:	Date/Time:	Company	Received by:	Date/Time:	Company
	9/29/25 1700	ET		9/29/25 1700	ET
Relinquished by:	Date/Time:	Company	Received by:	Date/Time:	Company
	9/29/25 2015	ET			
Relinquished by:	Date/Time:	Company	Received by:	Date/Time:	Company
				9/29/25 2015	ET

Custody Seals Intact: Δ Yes Δ No	Custody Seal No.:	Cooler Temperature(s) °C and Other Remarks: R: 2.8-3.1/ 2.7-3.0

Ver: 10/10/2024

Eurofins Edison
777 New Durham Road
Edison, NJ 08817
Phone: 732-549-3900 Fax: 732-549-3679

Chain of Custody Record

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Client Information (Sub Contract Lab)	Sampler: N/A	Lab PM: Flannery, Elizabeth J	Carrier Tracking No(s): N/A	COC No: 460-75495.2
Client Contact: Shipping/Receiving	Phone: N/A	E-Mail: Elizabeth.Flannery@et.eurofinsus.com	State of Origin: New York	Page: Page 2 of 2
Company: Eurofins Lancaster Laboratories Environm		Accreditations Required (See note): NELAP - New York		Job #: 460-335747-1
Address: 2425 New Holland Pike, ,	Due Date Requested: 10/2/2025			Preservation Codes: -
City: Lancaster	TAT Requested (days): N/A			
State, Zip: PA, 17601				
Phone: 717-656-2300(Tel)	PO #: N/A			
Email: N/A	WO #: N/A			
Project Name: Former Port Mobil	Project #: 46042832			
Site: N/A	SSOW#: N/A			Other: N/A

Sample Identification - Client ID (Lab ID)	Sample Date	Sample Time	Sample Type (C=comp, G=grab)	Matrix (W=water, S=solid, O=waste/oil, BT=Tissue, A=Air)	Field Filtered Sample (Yes or No)	Perform MS/MSD (Yes or No)	1633A/1633A_Shake1633 Standard List 40	Total Number of containers	Special Instructions/Note:
			Preservation Code:						
54A_4-8 (460-335747-10)	9/25/25	08:45 Eastern	G	Solid			X	1	
54B_0-4 (460-335747-11)	9/25/25	08:50 Eastern	G	Solid			X	1	
54B_4-8 (460-335747-12)	9/25/25	08:55 Eastern	G	Solid			X	1	
54C_0-4 (460-335747-13)	9/25/25	09:00 Eastern	G	Solid			X	1	
54C_4-8 (460-335747-14)	9/25/25	09:05 Eastern	G	Solid			X	1	
54D_0-4 (460-335747-15)	9/25/25	09:10 Eastern	G	Solid			X	1	
54D_4-8 (460-335747-16)	9/25/25	09:15 Eastern	G	Solid			X	1	

Note: Since laboratory accreditations are subject to change, Eurofins Environment Testing Northeast, LLC places the ownership of method, analyte & accreditation compliance upon our subcontract laboratories. This sample shipment is forwarded under chain-of-custody. If the laboratory does not currently maintain accreditation in the State of Origin listed above for analysis/tests/matrix being analyzed, the samples must be shipped back to the Eurofins Environment Testing Northeast, LLC laboratory or other instructions will be provided. Any changes to accreditation status should be brought to Eurofins Environment Testing Northeast, LLC attention immediately. If all requested accreditations are current to date, return the signed Chain of Custody attesting to said compliance to Eurofins Environment Testing Northeast, LLC.

Possible Hazard Identification	*Sample Disposal (A fee may be assessed if samples are retained longer than 1 month)*
Unconfirmed	☐ *Return To Client* ☐ *Disposal By Lab* ☐ *Archive For* ____ *Months*
Deliverable Requested: I, II, III, IV, Other (specify) Primary Deliverable Rank: 1	Special Instructions/QC Requirements:

Empty Kit Relinquished by:	Date:	Time:	Method of Shipment:

Relinquished by:	Date/Time: 9/29/25 1700	Company EET	Received by:	Date/Time: 9/29/25 1700	Company EET
Relinquished by:	Date/Time: 9/29/25 2015	Company EET	Received by:	Date/Time:	Company
Relinquished by:	Date/Time:	Company	Received by:	Date/Time: 9/29/25 2015	Company Client

Custody Seals Intact: Δ Yes Δ No	Custody Seal No.:	Cooler Temperature(s) °C and Other Remarks: R: 2.8 -3.1 IR: 2.7 -3.0

Ver: 10/10/2024

Login Sample Receipt Checklist

Client: Haley & Aldrich, Inc.

Job Number: 460-335747-1

Login Number: 335747
List Number: 1
Creator: Thundathorn, Sukanan 1

List Source: Eurofins Edison

Question	Answer	Comment
Radioactivity wasn't checked or is </= background as measured by a survey meter.	N/A	
The cooler's custody seal, if present, is intact.	True	
Sample custody seals, if present, are intact.	True	
The cooler or samples do not appear to have been compromised or tampered with.	True	
Samples were received on ice.	True	
Cooler Temperature is acceptable.	True	
Cooler Temperature is recorded.	True	
COC is present.	True	
COC is filled out in ink and legible.	True	
COC is filled out with all pertinent information.	True	
Is the Field Sampler's name present on COC?	True	
There are no discrepancies between the containers received and the COC.	False	Refer to Job Narrative for details.
Samples are received within Holding Time (excluding tests with immediate HTs)	True	
Sample containers have legible labels.	True	
Containers are not broken or leaking.	True	
Sample collection date/times are provided.	True	
Appropriate sample containers are used.	True	
Sample bottles are completely filled.	True	
Sample Preservation Verified.	True	
There is sufficient vol. for all requested analyses, incl. any requested MS/MSDs	True	
Containers requiring zero headspace have no headspace or bubble is <6mm (1/4").	True	
Multiphasic samples are not present.	True	
Samples do not require splitting or compositing.	True	
Residual Chlorine Checked.	N/A	

Login Sample Receipt Checklist

Client: Haley & Aldrich, Inc.

Job Number: 460-335747-1

Login Number: 335747
List Number: 2
Creator: Williams, Aeric

List Source: Eurofins Lancaster Laboratories Environment Testing, LLC
List Creation: 09/30/25 09:42 AM

Question	Answer	Comment
The cooler's custody seal is intact.	N/A	
The cooler or samples do not appear to have been compromised or tampered with.	True	
Samples were received on ice.	True	
Cooler Temperature acceptable,where thermal pres is required(</=6C, not frozen).	True	
Cooler Temperature is recorded.	True	
WV:Container Temp acceptable,where thermal pres is required (</=6C, not frozen).	N/A	
WV: Container Temperature is recorded.	N/A	
COC is present.	True	
COC is filled out in ink and legible.	True	
COC is filled out with all pertinent information.	True	
There are no discrepancies between the containers received and the COC.	True	
Sample containers have legible labels.	True	
Containers are not broken or leaking.	True	
Sample collection date/times are provided.	True	
Appropriate sample containers are used.	True	
Sample bottles are completely filled.	True	
There is sufficient vol. for all requested analyses.	True	
Is the Field Sampler's name present on COC?	False	Received project as a subcontract.
Sample custody seals are intact.	N/A	
VOA sample vials do not have headspace >6mm in diameter (none, if from WV)?	N/A	

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ANALYTICAL REPORT

PREPARED FOR

Attn: Sarah Commisso
Haley & Aldrich, Inc.
213 West 35th Street, 7th Floor
New York, New York 10001

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JOB DESCRIPTION

Former Port Mobil

JOB NUMBER

460-335806-1

Eurofins Edison
777 New Durham Road
Edison NJ 08817

See page two for job notes and contact information.

my EOL

Eurofins Edison

Job Notes

This report may not be reproduced except in full, and with written approval from the laboratory. The results relate only to the samples tested. For questions please contact the Project Manager at the e-mail address or telephone number listed on this page.

The test results in this report relate only to the samples as received by the laboratory and will meet all requirements of the methodology, with any exceptions noted. This report shall not be reproduced except in full, without the express written approval of the laboratory. All questions should be directed to the Eurofins Environment Testing Northeast, LLC Project Manager.

Compliance Statement

I certify that this data package is in compliance with the terms and conditions of the contract, both technically and for completeness, for other than the conditions detailed within the body of this report. Release of the data contained in this sample data package and in the electronic data deliverable has been authorized by the Laboratory Manager or his/her designee, as verified by the following signature.

Authorization

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10/7/2025 4:56:02 PM

Authorized for release by
Elizabeth Flannery, Project Manager I
Elizabeth.Flannery@et.eurofinsus.com
(732)549-3900

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Qualifiers

GC/MS VOA

Qualifier	Qualifier Description
*	LCS or LCSD is outside acceptance limits.
*	MS or MSD is outside acceptance limits.
*	Duplicate RPD exceeds control limits
J	Indicates an estimated value.
U	Analyzed for but not detected.

GC/MS Semi VOA

Qualifier	Qualifier Description
*	MS or MSD is outside acceptance limits.
*	LCS or LCSD is outside acceptance limits.
E	Compound concentration exceeds the upper level of the calibration range of the instrument for that specific analysis.
J	Indicates an estimated value.
U	Analyzed for but not detected.

GC Semi VOA

Qualifier	Qualifier Description
*	MS or MSD is outside acceptance limits.
*	Surrogate is outside acceptance limits.
U	Analyzed for but not detected.

LCMS

Qualifier	Qualifier Description
*	RPD of the LCS and LCSD exceeds the control limits
*	Isotope Dilution analyte is outside acceptance limits.
J	Indicates an estimated value.
U	Analyzed for but not detected.

Metals

Qualifier	Qualifier Description
4	MS, MSD: The analyte present in the original sample is greater than 4 times the matrix spike concentration; therefore, control limits are not applicable.
J	Sample result is greater than the MDL but below the CRDL
N	Spiked sample recovery is not within control limits.
U	Indicates analyzed for but not detected.

General Chemistry

Qualifier	Qualifier Description
*	Duplicate analysis not within control limits.

Glossary

Abbreviation	These commonly used abbreviations may or may not be present in this report.
☼	Listed under the "D" column to designate that the result is reported on a dry weight basis
%R	Percent Recovery
CFL	Contains Free Liquid
CFU	Colony Forming Unit
CNF	Contains No Free Liquid
DER	Duplicate Error Ratio (normalized absolute difference)
Dil Fac	Dilution Factor
DL	Detection Limit (DoD/DOE)
DL, RA, RE, IN	Indicates a Dilution, Re-analysis, Re-extraction, or additional Initial metals/anion analysis of the sample
DLC	Decision Level Concentration (Radiochemistry)
EDL	Estimated Detection Limit (Dioxin)
LOD	Limit of Detection (DoD/DOE)
LOQ	Limit of Quantitation (DoD/DOE)
MCL	EPA recommended "Maximum Contaminant Level"
MDA	Minimum Detectable Activity (Radiochemistry)

Glossary (Continued)

Abbreviation	These commonly used abbreviations may or may not be present in this report.
MDC	Minimum Detectable Concentration (Radiochemistry)
MDL	Method Detection Limit
ML	Minimum Level (Dioxin)
MPN	Most Probable Number
MQL	Method Quantitation Limit
NC	Not Calculated
ND	Not Detected at the reporting limit (or MDL or EDL if shown)
NEG	Negative / Absent
POS	Positive / Present
PQL	Practical Quantitation Limit
PRES	Presumptive
QC	Quality Control
RER	Relative Error Ratio (Radiochemistry)
RL	Reporting Limit or Requested Limit (Radiochemistry)
RPD	Relative Percent Difference, a measure of the relative difference between two points
TEF	Toxicity Equivalent Factor (Dioxin)
TEQ	Toxicity Equivalent Quotient (Dioxin)
TNTC	Too Numerous To Count

Job Narrative
460-335806-1

The analytical test results presented in this report meet all requirements of the associated regulatory program listed on the Accreditation/Certification Summary Page, unless otherwise noted. Data qualifiers and/or narrative comments are included to explain any exceptions, if applicable. Regulated compliance samples (e.g. SDWA, NPDES) must comply with associated agency requirements/permits.

- Matrix-specific batch QC (e.g., MS, MSD, SD) may not be reported when insufficient sample volume is available or when site-specific QC samples are not submitted. In such cases, a Laboratory Control Sample Duplicate (LCSD) may be analyzed to provide precision data for the batch.
- For samples analyzed using surrogate and/or isotope dilution analytes, any recoveries falling outside of established acceptance criteria are re-prepared and/or re-analyzed to confirm results, unless the deviation is due to sample dilution or otherwise explained in the case narrative.

Receipt
The samples were received on 9/26/2025 4:20 PM. Unless otherwise noted below, the samples arrived in good condition, and, where required, properly preserved and on ice. The temperatures of the 3 coolers at receipt time were 1.7°C, 2.0°C and 2.2°C.

Method 8260D - Volatile Organic Compounds by GC/MS
Samples 58A1_1-2 (460-335806-21), 58A2_2-3 (460-335806-22), 58A3_3-4 (460-335806-23), 58A1_5-6 (460-335806-24), 58A2_6-7 (460-335806-25), 58A3_7-8 (460-335806-26), 58A2_9-10 (460-335806-27), 58B1_0-1 (460-335806-28), 58B2_2-3 (460-335806-29), 58B2_3-4 (460-335806-30), 58B1_4-5 (460-335806-31), 58B2_5-6 (460-335806-32), 58B3_7-8 (460-335806-33), 58B2_9-10 (460-335806-34), 58C3_1-2 (460-335806-35), 58C2_2-3 (460-335806-36), 58C1_3-4 (460-335806-37), 58C3_5-6 (460-335806-38), 58C2_6-7 (460-335806-39), 58C1_7-8 (460-335806-40), 58C3_8-9 (460-335806-41), 58D1_1-2 (460-335806-42), 58D2_2-3 (460-335806-43), 58D3_4-5 (460-335806-44), 58D1_5-6 (460-335806-45), 58D2_6-7 (460-335806-46), 58D3_8-9 (460-335806-47), 58D3_9-10 (460-335806-48), 58E1_1-2 (460-335806-49), 58E2_2-3 (460-335806-50), 58E3_4-5 (460-335806-51), 58E1_5-6 (460-335806-52), 58E2_7-8 (460-335806-53), 58E3_8-9 (460-335806-54), 58E2_9-10 (460-335806-55), 58F1_1-2 (460-335806-56), 58F2_3-4 (460-335806-57), 58F3_4-5 (460-335806-58), 58F1_5-6 (460-335806-59), 58F2_7-8 (460-335806-60), 58F3_8-9 (460-335806-61), 58F1_9-10 (460-335806-62), 58G1_1-2 (460-335806-63), 58G2_3-4 (460-335806-64), 58G3_4-5 (460-335806-65), 58G1_5-6 (460-335806-66), 58G2_7-8 (460-335806-67), 58G3_9-10 (460-335806-68), 58G3_6-7 (460-335806-69), 58H1_2-3 (460-335806-70), 58H2_3-4 (460-335806-71), 58H3_1-2 (460-335806-72), 58H1_5-6 (460-335806-73), 58H2_6-7 (460-335806-74), 58H3_7-8 (460-335806-75), 58H1_9-10 (460-335806-76), 58I2_0-1 (460-335806-77), 58I1_1-2 (460-335806-78), 58I3_3-4 (460-335806-79), 58I2_4-5 (460-335806-80), 58I3_5-6 (460-335806-81), 58I1_7-8 (460-335806-82), 58I2_9-10 (460-335806-83), 58J1_1-2 (460-335806-84), 58J2_2-3 (460-335806-85), 58J3_3-4 (460-335806-86), 58J1_5-6 (460-335806-87), 58J2_6-7 (460-335806-88), 58J3_7-8 (460-335806-89) and 58J1_8-9 (460-335806-90) were analyzed for Volatile Organic Compounds by GC/MS. The samples were prepared on 9/29/2025 and analyzed on 10/3/2025, 10/4/2025, 10/5/2025 and 10/6/2025.

The continuing calibration verification (CCV) associated with batch 460-1065633 recovered above the upper control limit for Bromoform and Methyl acetate. The samples associated with this CCV were non-detects for the affected analytes; therefore, the data have been reported.

The laboratory control sample (LCS) and / or laboratory control sample duplicate (LCSD) for analytical batch 460-1065633 recovered outside control limits for the following analytes: Bromoform, Dibromochloromethane and Methyl acetate. These analytes were biased high in the LCS/LCSD and were not detected in the associated samples; therefore, the data have been reported.

The continuing calibration verification (CCV) associated with batch 460-1065774 recovered above the upper control limit for Trichlorofluoromethane and Vinyl chloride. The samples associated with this CCV were non-detects for the affected analytes; therefore, the data have been reported.

The continuing calibration verification (CCV) associated with batch 460-1066077 recovered above the upper control limit for Dichlorodifluoromethane, Trichlorofluoromethane and Vinyl chloride. The samples associated with this CCV were non-detects for the affected analytes; therefore, the data have been reported.

The method blank for analytical batch 460-1066077 contained Styrene above the method detection limit. This target analyte concentration was less than the reporting limit (RL) in the method blank; therefore, re-extraction and/or re-analysis of samples was not performed.

The continuing calibration verification (CCV) analyzed in batch 460-1065958 was outside the method criteria for the following analyte: Chloromethane (biased low). A CCV standard at or below the reporting limit (RL) was analyzed with the affected samples and found to be acceptable. As indicated in the reference method, sample analysis may proceed; however, any detection for the affected analyte is considered estimated.

The sample size used in the preparation of the matrix spike/matrix spike duplicate (MS/MSD) associated with preparation batch 460-1064815 and analytical batch 460-1065958 was outside the 10% difference. As the relative percent difference (RPD) calculation is based upon the MS/MSD concentration as opposed to the MS/MSD percent recovery, elevated %RPD values were obtained.

The laboratory control sample (LCS) for analytical batch 460-1065958 recovered outside control limits for the following analytes: 1,2,4-Trichlorobenzene (biased low).

The continuing calibration verification (CCV) analyzed in batch 460-1065959 was outside the method criteria for the following analyte(s): Chloromethane and Vinyl chloride (biased low). A CCV standard at or below the reporting limit (RL) was analyzed with the affected samples and found to be acceptable. As indicated in the reference method, sample analysis may proceed; however, any detection for the affected analyte(s) is considered estimated.

The laboratory control sample (LCS) for analytical batch 460-1065959 recovered outside control limits for the following analyte: 1,1-Dichloroethene. This analyte was biased low in the LCS and was not detected in the associated samples; therefore, the data have been reported.

Method 8270E - Semivolatile Organic Compounds (GC/MS)
Samples 58A_0-5 (460-335806-1), 58A_5-10 (460-335806-2), 58B_0-5 (460-335806-3), 58B_5-10 (460-335806-4), 58C_0-5 (460-335806-5), 58C_5-10 (460-335806-6), 58D_0-5 (460-335806-7), 58D_5-10 (460-335806-8), 58E_0-5 (460-335806-9), 58E_5-10 (460-335806-10), 58F_0-5 (460-335806-11), 58F_5-10 (460-335806-12), 58G_0-5 (460-335806-13), 58G_5-10 (460-335806-14), 58H_0-5 (460-335806-15), 58H_5-10 (460-335806-16), 58I_0-5 (460-335806-17), 58I_5-10 (460-335806-18), 58J_0-5 (460-335806-19) and 58J_5-10 (460-335806-20) were analyzed for Semivolatile Organic Compounds (GC/MS). The samples were prepared on 9/27/2025 and analyzed on 9/27/2025 and 9/28/2025.

The continuing calibration verification (CCV) analyzed in batch 460-1064171 was outside the method criteria for the following analyte(s): 4,6-Dinitro-2-methylphenol and Benzaldehyde. A CCV standard at or below the reporting limit (RL) was analyzed with the affected samples and found to be acceptable. As indicated in the reference method, sample analysis may proceed; however, any detection for the affected analyte(s) is considered estimated.

The laboratory control sample (LCS) for preparation batch 460-1064131 and analytical batch 460-1064171 recovered outside control limits for the following analytes: Atrazine and Benzaldehyde. These analytes were biased high in the LCS and were not detected in the associated samples; therefore, the data have been reported.

The continuing calibration verification (CCV) analyzed in batch 460-1064281 was outside the method criteria for the following analyte(s): Benzaldehyde. A CCV standard at or below the reporting limit (RL) was analyzed with the affected samples and found to be acceptable. As indicated in the reference method, sample analysis may proceed; however, any detection for the affected analyte(s) is considered estimated.

The continuing calibration verification (CCV) associated with batch 460-1064281 recovered above the upper control limit for 2,4-Dinitrophenol, 2,6-Dinitrotoluene, 2,4-Dinitrotoluene, 4,6-Dinitro-2-methylphenol, 2-Nitrophenol and Hexachlorocyclopentadiene. The samples associated with this CCV were non-detects for the affected analytes; therefore, the data have been reported.

Method 8082A - Polychlorinated Biphenyls (PCBs) by Gas Chromatography
Samples 58A_0-5 (460-335806-1), 58A_5-10 (460-335806-2), 58B_0-5 (460-335806-3), 58B_5-10 (460-335806-4), 58C_0-5 (460-335806-5), 58C_5-10 (460-335806-6), 58D_0-5 (460-335806-7), 58D_5-10 (460-335806-8), 58E_0-5 (460-335806-9), 58E_5-10 (460-335806-10), 58F_0-5 (460-335806-11), 58F_5-10 (460-335806-12), 58G_0-5 (460-335806-13), 58G_5-10 (460-335806-14), 58H_0-5 (460-335806-15), 58H_5-10 (460-335806-16), 58I_0-5 (460-335806-17), 58I_5-10 (460-335806-18), 58J_0-5 (460-335806-19) and 58J_5-10 (460-335806-20) were analyzed for Polychlorinated Biphenyls (PCBs) by Gas Chromatography. The samples were prepared on 9/27/2025 and analyzed on 9/28/2025 and 9/30/2025.

The DCB Decachlorobiphenyl surrogate recovery for the following samples was outside acceptance limits (high biased) on the primary column due to matrix interference: 58H_0-5 (460-335806-15) and 58I_0-5 (460-335806-17). The recovery is within acceptance limits on the other column, indicating that the extraction process was in control.

Job ID: 460-335806-1 (Continued)

Method 8081B - Organochlorine Pesticides (GC)
Samples 58A_0-5 (460-335806-1), 58A_5-10 (460-335806-2), 58B_0-5 (460-335806-3), 58B_5-10 (460-335806-4), 58C_0-5 (460-335806-5), 58C_5-10 (460-335806-6), 58D_0-5 (460-335806-7), 58D_5-10 (460-335806-8), 58E_0-5 (460-335806-9), 58E_5-10 (460-335806-10), 58F_0-5 (460-335806-11), 58F_5-10 (460-335806-12), 58G_0-5 (460-335806-13), 58G_5-10 (460-335806-14), 58H_0-5 (460-335806-15), 58H_5-10 (460-335806-16), 58I_0-5 (460-335806-17), 58I_5-10 (460-335806-18), 58J_0-5 (460-335806-19) and 58J_5-10 (460-335806-20) were analyzed for Organochlorine Pesticides (GC). The samples were prepared on 9/27/2025 and analyzed on 9/28/2025 and 9/29/2025.

The DCB Decachlorobiphenyl surrogate recovery for the following samples was outside acceptance limits (high biased) on the primary column due to matrix interference: 58I_0-5 (460-335806-17). The recovery is within acceptance limits on the other column, indicating that the extraction process was in control.

Method 1633A - Per- and Polyfluoroalkyl Substances by LC/MS/MS, 1633A
Samples 58A_0-5 (460-335806-1), 58A_5-10 (460-335806-2), 58B_0-5 (460-335806-3), 58B_5-10 (460-335806-4), 58C_0-5 (460-335806-5), 58C_5-10 (460-335806-6), 58D_0-5 (460-335806-7), 58D_5-10 (460-335806-8), 58E_0-5 (460-335806-9), 58E_5-10 (460-335806-10), 58F_0-5 (460-335806-11), 58F_5-10 (460-335806-12), 58G_0-5 (460-335806-13), 58G_5-10 (460-335806-14), 58H_0-5 (460-335806-15), 58H_5-10 (460-335806-16), 58I_0-5 (460-335806-17), 58I_5-10 (460-335806-18), 58J_0-5 (460-335806-19) and 58J_5-10 (460-335806-20) were analyzed for Per- and Polyfluoroalkyl Substances by LC/MS/MS, 1633A. The samples were prepared on 10/4/2025 and analyzed on 10/5/2025 and 10/6/2025.

Target analyte Perfluorodecanesulfonic acid (PFDS), Perfluorododecanesulfonic acid (PFDoS) and 11-Chloroeicosafluoro-3-oxaundecane-1-sulfonic acid (11Cl-PF3OUdS) has a relative percentage deviation (%RPD) outside of the QC acceptance limit in the Laboratory Control Spike Duplicate associated with samples 58A_0-5 (460-335806-1), 58A_5-10 (460-335806-2), 58B_0-5 (460-335806-3), 58B_5-10 (460-335806-4), 58C_0-5 (460-335806-5), 58C_5-10 (460-335806-6), 58D_0-5 (460-335806-7), 58D_5-10 (460-335806-8), 58E_0-5 (460-335806-9), 58E_5-10 (460-335806-10), 58F_0-5 (460-335806-11), 58F_5-10 (460-335806-12), 58G_0-5 (460-335806-13), 58G_5-10 (460-335806-14), 58H_0-5 (460-335806-15), 58H_5-10 (460-335806-16), 58I_0-5 (460-335806-17), 58I_5-10 (460-335806-18), 58J_0-5 (460-335806-19) and 58J_5-10 (460-335806-20) . Since the individual recoveries meet acceptance limits and the analyte is not detected, the data is reported.

The recovery for labeled isotope: 13C2 4:2 FTS is outside the QC acceptance limits in the closing continuing calibration verification standard, biased high. Since the recovery for the labeled isotope is within QC limits in the following samples: 58A_0-5 (460-335806-1), 58A_5-10 (460-335806-2), 58B_0-5 (460-335806-3), 58B_5-10 (460-335806-4), 58C_0-5 (460-335806-5), 58C_5-10 (460-335806-6), 58D_0-5 (460-335806-7), 58D_5-10 (460-335806-8), 58E_0-5 (460-335806-9), 58E_5-10 (460-335806-10), 58F_0-5 (460-335806-11), 58F_5-10 (460-335806-12), 58G_0-5 (460-335806-13), 58G_5-10 (460-335806-14), 58H_0-5 (460-335806-15), 58H_5-10 (460-335806-16), 58I_0-5 (460-335806-17), 58I_5-10 (460-335806-18), 58J_0-5 (460-335806-19) and 58J_5-10 (460-335806-20) , the data is reported.

The recovery for labeled isotope: 13C2 4:2 FTS is outside the QC acceptance limits in the opening continuing calibration verification standard, biased high. Since the recovery for the labeled isotope is within QC limits in the following samples: 58F_0-5 (460-335806-11), 58F_5-10 (460-335806-12), 58G_0-5 (460-335806-13), 58G_5-10 (460-335806-14), 58H_0-5 (460-335806-15), 58H_5-10 (460-335806-16), 58I_0-5 (460-335806-17), 58I_5-10 (460-335806-18), 58J_0-5 (460-335806-19) and 58J_5-10 (460-335806-20), the data is reported.

The labeled isotopes 13C4 PFBA are outside QC acceptance limits. Since the recovery in sample 58I_0-5 (460-335806-17) is less than 200%, the data is reported.

The labeled isotopes 13C7 PFUnA are outside QC acceptance limits. Since the recovery in sample 58A_5-10 (460-335806-2) is less than 200%, the data is reported.

Analyte Perfluorooctanoic acid (PFOA) was marked as non-detect for sample 58H_0-5 (460-335806-15) due to a detection below RL and failing ion ratio.

Method 6020B - Metals (ICP/MS)
Samples 58A_0-5 (460-335806-1), 58A_5-10 (460-335806-2), 58B_0-5 (460-335806-3), 58B_5-10 (460-335806-4), 58C_0-5 (460-335806-5), 58C_5-10 (460-335806-6), 58D_0-5 (460-335806-7), 58D_5-10 (460-335806-8), 58E_0-5 (460-335806-9), 58E_5-10 (460-335806-10), 58F_0-5 (460-335806-11), 58F_5-10 (460-335806-12), 58G_0-5 (460-335806-13), 58G_5-10 (460-335806-14), 58H_0-5 (460-335806-15), 58H_5-10 (460-335806-16), 58I_0-5 (460-335806-17), 58I_5-10 (460-335806-18), 58J_0-5 (460-335806-19) and 58J_5-10 (460-335806-20) were analyzed for Metals (ICP/MS). The samples were prepared and analyzed on 10/3/2025.

Method 7471B - Mercury (CVAA)

Job ID: 460-335806-1 (Continued) Eurofins Edison

Samples 58A_0-5 (460-335806-1), 58A_5-10 (460-335806-2), 58B_0-5 (460-335806-3), 58B_5-10 (460-335806-4), 58C_0-5 (460-335806-5), 58C_5-10 (460-335806-6), 58D_0-5 (460-335806-7), 58D_5-10 (460-335806-8), 58E_0-5 (460-335806-9), 58E_5-10 (460-335806-10), 58F_0-5 (460-335806-11), 58F_5-10 (460-335806-12), 58G_0-5 (460-335806-13), 58G_5-10 (460-335806-14), 58H_0-5 (460-335806-15), 58H_5-10 (460-335806-16), 58I_0-5 (460-335806-17), 58I_5-10 (460-335806-18), 58J_0-5 (460-335806-19) and 58J_5-10 (460-335806-20) were analyzed for Mercury (CVAA). The samples were prepared and analyzed on 10/3/2025.

Method Moisture - Percent Moisture
Samples 58A_0-5 (460-335806-1), 58A_5-10 (460-335806-2), 58B_0-5 (460-335806-3), 58B_5-10 (460-335806-4), 58C_0-5 (460-335806-5), 58C_5-10 (460-335806-6), 58D_0-5 (460-335806-7), 58D_5-10 (460-335806-8), 58E_0-5 (460-335806-9), 58E_5-10 (460-335806-10), 58F_0-5 (460-335806-11), 58F_5-10 (460-335806-12), 58G_0-5 (460-335806-13), 58G_5-10 (460-335806-14), 58H_0-5 (460-335806-15), 58H_5-10 (460-335806-16), 58I_0-5 (460-335806-17), 58I_5-10 (460-335806-18), 58J_0-5 (460-335806-19), 58J_5-10 (460-335806-20), 58A1_1-2 (460-335806-21), 58A2_2-3 (460-335806-22), 58A3_3-4 (460-335806-23), 58A1_5-6 (460-335806-24), 58A2_6-7 (460-335806-25), 58A3_7-8 (460-335806-26), 58A2_9-10 (460-335806-27), 58B1_0-1 (460-335806-28), 58B2_2-3 (460-335806-29), 58B2_3-4 (460-335806-30), 58B1_4-5 (460-335806-31), 58B2_5-6 (460-335806-32), 58B3_7-8 (460-335806-33), 58B2_9-10 (460-335806-34), 58C3_1-2 (460-335806-35), 58C2_2-3 (460-335806-36), 58C1_3-4 (460-335806-37), 58C3_5-6 (460-335806-38), 58C2_6-7 (460-335806-39), 58C1_7-8 (460-335806-40), 58C3_8-9 (460-335806-41), 58D1_1-2 (460-335806-42), 58D2_2-3 (460-335806-43), 58D3_4-5 (460-335806-44), 58D1_5-6 (460-335806-45), 58D2_6-7 (460-335806-46), 58D3_8-9 (460-335806-47), 58D3_9-10 (460-335806-48), 58E1_1-2 (460-335806-49), 58E2_2-3 (460-335806-50), 58E3_4-5 (460-335806-51), 58E1_5-6 (460-335806-52), 58E2_7-8 (460-335806-53), 58E3_8-9 (460-335806-54), 58E2_9-10 (460-335806-55), 58F1_1-2 (460-335806-56), 58F2_3-4 (460-335806-57), 58F3_4-5 (460-335806-58), 58F1_5-6 (460-335806-59), 58F2_7-8 (460-335806-60), 58F3_8-9 (460-335806-61), 58F1_9-10 (460-335806-62), 58G1_1-2 (460-335806-63), 58G2_3-4 (460-335806-64), 58G3_4-5 (460-335806-65), 58G1_5-6 (460-335806-66), 58G2_7-8 (460-335806-67), 58G3_9-10 (460-335806-68), 58G3_6-7 (460-335806-69), 58H1_2-3 (460-335806-70), 58H2_3-4 (460-335806-71), 58H3_1-2 (460-335806-72), 58H1_5-6 (460-335806-73), 58H2_6-7 (460-335806-74), 58H3_7-8 (460-335806-75), 58H1_9-10 (460-335806-76), 58I2_0-1 (460-335806-77), 58I1_1-2 (460-335806-78), 58I3_3-4 (460-335806-79), 58I2_4-5 (460-335806-80), 58I3_5-6 (460-335806-81), 58I1_7-8 (460-335806-82), 58I2_9-10 (460-335806-83), 58J1_1-2 (460-335806-84), 58J2_2-3 (460-335806-85), 58J3_3-4 (460-335806-86), 58J1_5-6 (460-335806-87), 58J2_6-7 (460-335806-88), 58J3_7-8 (460-335806-89) and 58J1_8-9 (460-335806-90) were analyzed for Percent Moisture. The samples were analyzed on 9/28/2025 and 10/1/2025.

Detection Summary

Client: Haley & Aldrich, Inc.
Project/Site: Former Port Mobil

Job ID: 460-335806-1

Client Sample ID: 58A_0-5 — Lab Sample ID: 460-335806-1

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Perfluorodecanoic acid (PFDA)	0.20		0.20	0.059	ug/Kg	1	☼	1633A	Total/NA
Perfluoroundecanoic acid (PFUnA)	1.54		0.20	0.099	ug/Kg	1	☼	1633A	Total/NA
Perfluorododecanoic acid (PFDoA)	0.13	J	0.20	0.099	ug/Kg	1	☼	1633A	Total/NA
Perfluorotridecanoic acid (PFTrDA)	0.41		0.20	0.099	ug/Kg	1	☼	1633A	Total/NA
Aluminum	9400		19.7	5.4	mg/Kg	1	☼	6020B	Total/NA
Antimony	0.58	J	0.98	0.14	mg/Kg	1	☼	6020B	Total/NA
Arsenic	7.5		0.98	0.10	mg/Kg	1	☼	6020B	Total/NA
Barium	54.2		2.0	0.14	mg/Kg	1	☼	6020B	Total/NA
Beryllium	0.70		0.39	0.022	mg/Kg	1	☼	6020B	Total/NA
Cadmium	0.46	J	0.98	0.11	mg/Kg	1	☼	6020B	Total/NA
Calcium	6830		98.3	9.6	mg/Kg	1	☼	6020B	Total/NA
Chromium	17.9		2.0	0.29	mg/Kg	1	☼	6020B	Total/NA
Cobalt	6.1		0.98	0.15	mg/Kg	1	☼	6020B	Total/NA
Copper	55.8		2.0	0.36	mg/Kg	1	☼	6020B	Total/NA
Iron	20400		59.0	7.5	mg/Kg	1	☼	6020B	Total/NA
Lead	54.4		0.59	0.20	mg/Kg	1	☼	6020B	Total/NA
Magnesium	5600		98.3	10.0	mg/Kg	1	☼	6020B	Total/NA
Manganese	184		3.9	0.40	mg/Kg	1	☼	6020B	Total/NA
Nickel	14.0		2.0	0.17	mg/Kg	1	☼	6020B	Total/NA
Potassium	879		98.3	15.9	mg/Kg	1	☼	6020B	Total/NA
Selenium	0.29	J	1.2	0.13	mg/Kg	1	☼	6020B	Total/NA
Silver	0.45		0.39	0.088	mg/Kg	1	☼	6020B	Total/NA
Sodium	103		98.3	44.9	mg/Kg	1	☼	6020B	Total/NA
Thallium	0.10	J	0.39	0.040	mg/Kg	1	☼	6020B	Total/NA
Vanadium	33.1		2.0	0.20	mg/Kg	1	☼	6020B	Total/NA
Zinc	67.9		7.9	1.1	mg/Kg	1	☼	6020B	Total/NA
Mercury	0.040		0.017	0.0080	mg/Kg	1	☼	7471B	Total/NA

Client Sample ID: 58A_5-10 — Lab Sample ID: 460-335806-2

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Perfluoropentanoic acid (PFPeA)	0.11	J	0.20	0.10	ug/Kg	1	☼	1633A	Total/NA
Perfluorohexanoic acid (PFHxA)	0.10	J	0.20	0.10	ug/Kg	1	☼	1633A	Total/NA
Perfluorononanoic acid (PFNA)	0.13	J	0.20	0.10	ug/Kg	1	☼	1633A	Total/NA
Perfluorodecanoic acid (PFDA)	0.12	J	0.20	0.060	ug/Kg	1	☼	1633A	Total/NA
Perfluoroundecanoic acid (PFUnA)	2.40		0.20	0.10	ug/Kg	1	☼	1633A	Total/NA
Perfluorododecanoic acid (PFDoA)	0.25		0.20	0.10	ug/Kg	1	☼	1633A	Total/NA
Perfluorotridecanoic acid (PFTrDA)	1.83		0.20	0.10	ug/Kg	1	☼	1633A	Total/NA
Aluminum	10100		20.6	5.7	mg/Kg	1	☼	6020B	Total/NA
Antimony	0.53	J	1.0	0.15	mg/Kg	1	☼	6020B	Total/NA
Arsenic	6.4		1.0	0.11	mg/Kg	1	☼	6020B	Total/NA
Barium	53.8		2.1	0.15	mg/Kg	1	☼	6020B	Total/NA
Beryllium	0.57		0.41	0.023	mg/Kg	1	☼	6020B	Total/NA
Cadmium	0.28	J	1.0	0.12	mg/Kg	1	☼	6020B	Total/NA
Calcium	1380		103	10.0	mg/Kg	1	☼	6020B	Total/NA
Chromium	15.7		2.1	0.31	mg/Kg	1	☼	6020B	Total/NA
Cobalt	7.5		1.0	0.15	mg/Kg	1	☼	6020B	Total/NA
Copper	42.7		2.1	0.38	mg/Kg	1	☼	6020B	Total/NA
Iron	18800		61.9	7.9	mg/Kg	1	☼	6020B	Total/NA
Lead	34.4		0.62	0.21	mg/Kg	1	☼	6020B	Total/NA
Magnesium	3450		103	10.5	mg/Kg	1	☼	6020B	Total/NA

This Detection Summary does not include radiochemical test results.

Eurofins Edison

Client Sample ID: 58A_5-10 (Continued) — Lab Sample ID: 460-335806-2

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Manganese	263		4.1	0.42	mg/Kg	1	☼	6020B	Total/NA
Nickel	15.2		2.1	0.18	mg/Kg	1	☼	6020B	Total/NA
Potassium	1060		103	16.7	mg/Kg	1	☼	6020B	Total/NA
Selenium	0.15	J	1.3	0.13	mg/Kg	1	☼	6020B	Total/NA
Silver	0.26	J	0.41	0.092	mg/Kg	1	☼	6020B	Total/NA
Sodium	83.1	J	103	47.1	mg/Kg	1	☼	6020B	Total/NA
Thallium	0.12	J	0.41	0.042	mg/Kg	1	☼	6020B	Total/NA
Vanadium	24.1		2.1	0.21	mg/Kg	1	☼	6020B	Total/NA
Zinc	65.9		8.2	1.1	mg/Kg	1	☼	6020B	Total/NA
Mercury	0.049		0.017	0.0082	mg/Kg	1	☼	7471B	Total/NA

Client Sample ID: 58B_0-5 — Lab Sample ID: 460-335806-3

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Perfluorononanoic acid (PFNA)	0.18	J	0.19	0.095	ug/Kg	1	☼	1633A	Total/NA
Perfluorodecanoic acid (PFDA)	0.15	J	0.19	0.057	ug/Kg	1	☼	1633A	Total/NA
Perfluoroundecanoic acid (PFUnA)	1.79		0.19	0.095	ug/Kg	1	☼	1633A	Total/NA
Perfluorododecanoic acid (PFDoA)	0.30		0.19	0.095	ug/Kg	1	☼	1633A	Total/NA
Perfluorotridecanoic acid (PFTrDA)	1.88		0.19	0.095	ug/Kg	1	☼	1633A	Total/NA
Aluminum	8500		18.5	5.1	mg/Kg	1	☼	6020B	Total/NA
Antimony	0.60	J	0.92	0.13	mg/Kg	1	☼	6020B	Total/NA
Arsenic	7.0		0.92	0.095	mg/Kg	1	☼	6020B	Total/NA
Barium	59.3		1.8	0.13	mg/Kg	1	☼	6020B	Total/NA
Beryllium	0.57		0.37	0.020	mg/Kg	1	☼	6020B	Total/NA
Cadmium	0.43	J	0.92	0.10	mg/Kg	1	☼	6020B	Total/NA
Calcium	8680		92.4	9.0	mg/Kg	1	☼	6020B	Total/NA
Chromium	16.6		1.8	0.27	mg/Kg	1	☼	6020B	Total/NA
Cobalt	7.2		0.92	0.14	mg/Kg	1	☼	6020B	Total/NA
Copper	40.7		1.8	0.34	mg/Kg	1	☼	6020B	Total/NA
Iron	19500		55.4	7.1	mg/Kg	1	☼	6020B	Total/NA
Lead	143		0.55	0.18	mg/Kg	1	☼	6020B	Total/NA
Magnesium	6440		92.4	9.4	mg/Kg	1	☼	6020B	Total/NA
Manganese	336		3.7	0.37	mg/Kg	1	☼	6020B	Total/NA
Nickel	14.2		1.8	0.16	mg/Kg	1	☼	6020B	Total/NA
Potassium	1130		92.4	15.0	mg/Kg	1	☼	6020B	Total/NA
Selenium	0.25	J	1.2	0.12	mg/Kg	1	☼	6020B	Total/NA
Silver	0.41		0.37	0.082	mg/Kg	1	☼	6020B	Total/NA
Sodium	112		92.4	42.2	mg/Kg	1	☼	6020B	Total/NA
Thallium	0.12	J	0.37	0.038	mg/Kg	1	☼	6020B	Total/NA
Vanadium	24.6		1.8	0.19	mg/Kg	1	☼	6020B	Total/NA
Zinc	98.7		7.4	1.0	mg/Kg	1	☼	6020B	Total/NA
Mercury	0.034		0.016	0.0076	mg/Kg	1	☼	7471B	Total/NA

Client Sample ID: 58B_5-10 — Lab Sample ID: 460-335806-4

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Perfluorononanoic acid (PFNA)	0.18	J	0.19	0.096	ug/Kg	1	☼	1633A	Total/NA
Perfluorodecanoic acid (PFDA)	0.12	J	0.19	0.057	ug/Kg	1	☼	1633A	Total/NA
Perfluoroundecanoic acid (PFUnA)	2.03		0.19	0.096	ug/Kg	1	☼	1633A	Total/NA
Perfluorododecanoic acid (PFDoA)	0.28		0.19	0.096	ug/Kg	1	☼	1633A	Total/NA
Perfluorotridecanoic acid (PFTrDA)	1.73		0.19	0.096	ug/Kg	1	☼	1633A	Total/NA
Aluminum	8910		19.2	5.3	mg/Kg	1	☼	6020B	Total/NA

This Detection Summary does not include radiochemical test results.

Client Sample ID: 58B_5-10 (Continued)

Lab Sample ID: 460-335806-4

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Antimony	0.60	J	0.96	0.14	mg/Kg	1	☼	6020B	Total/NA
Arsenic	7.3		0.96	0.099	mg/Kg	1	☼	6020B	Total/NA
Barium	50.9		1.9	0.14	mg/Kg	1	☼	6020B	Total/NA
Beryllium	0.55		0.38	0.021	mg/Kg	1	☼	6020B	Total/NA
Cadmium	0.30	J	0.96	0.11	mg/Kg	1	☼	6020B	Total/NA
Calcium	2910		96.0	9.3	mg/Kg	1	☼	6020B	Total/NA
Chromium	15.6		1.9	0.29	mg/Kg	1	☼	6020B	Total/NA
Cobalt	7.0		0.96	0.14	mg/Kg	1	☼	6020B	Total/NA
Copper	40.0		1.9	0.35	mg/Kg	1	☼	6020B	Total/NA
Iron	18900		57.6	7.3	mg/Kg	1	☼	6020B	Total/NA
Lead	104		0.58	0.19	mg/Kg	1	☼	6020B	Total/NA
Magnesium	3510		96.0	9.8	mg/Kg	1	☼	6020B	Total/NA
Manganese	268		3.8	0.39	mg/Kg	1	☼	6020B	Total/NA
Nickel	13.3		1.9	0.17	mg/Kg	1	☼	6020B	Total/NA
Potassium	1160		96.0	15.5	mg/Kg	1	☼	6020B	Total/NA
Selenium	0.21	J	1.2	0.12	mg/Kg	1	☼	6020B	Total/NA
Silver	0.24	J	0.38	0.085	mg/Kg	1	☼	6020B	Total/NA
Sodium	98.0		96.0	43.9	mg/Kg	1	☼	6020B	Total/NA
Thallium	0.10	J	0.38	0.039	mg/Kg	1	☼	6020B	Total/NA
Vanadium	25.0		1.9	0.20	mg/Kg	1	☼	6020B	Total/NA
Zinc	87.4		7.7	1.0	mg/Kg	1	☼	6020B	Total/NA
Mercury	0.031		0.018	0.0083	mg/Kg	1	☼	7471B	Total/NA

Client Sample ID: 58C_0-5

Lab Sample ID: 460-335806-5

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Perfluorooctanoic acid (PFOA)	0.068	J	0.20	0.060	ug/Kg	1	☼	1633A	Total/NA
Perfluorononanoic acid (PFNA)	0.24		0.20	0.10	ug/Kg	1	☼	1633A	Total/NA
Perfluorodecanoic acid (PFDA)	0.17	J	0.20	0.060	ug/Kg	1	☼	1633A	Total/NA
Perfluoroundecanoic acid (PFUnA)	1.85		0.20	0.10	ug/Kg	1	☼	1633A	Total/NA
Perfluorododecanoic acid (PFDoA)	0.58		0.20	0.10	ug/Kg	1	☼	1633A	Total/NA
Perfluorotridecanoic acid (PFTrDA)	3.27		0.20	0.10	ug/Kg	1	☼	1633A	Total/NA
Perfluorotetradecanoic acid (PFTeDA)	0.14	J	0.20	0.10	ug/Kg	1	☼	1633A	Total/NA
Aluminum	8580		20.6	5.7	mg/Kg	1	☼	6020B	Total/NA
Antimony	0.69	J	1.0	0.15	mg/Kg	1	☼	6020B	Total/NA
Arsenic	7.0		1.0	0.11	mg/Kg	1	☼	6020B	Total/NA
Barium	66.3		2.1	0.15	mg/Kg	1	☼	6020B	Total/NA
Beryllium	0.60		0.41	0.023	mg/Kg	1	☼	6020B	Total/NA
Cadmium	0.50	J	1.0	0.12	mg/Kg	1	☼	6020B	Total/NA
Calcium	20800		103	10.0	mg/Kg	1	☼	6020B	Total/NA
Chromium	18.1		2.1	0.31	mg/Kg	1	☼	6020B	Total/NA
Cobalt	7.0		1.0	0.15	mg/Kg	1	☼	6020B	Total/NA
Copper	45.9		2.1	0.38	mg/Kg	1	☼	6020B	Total/NA
Iron	19300		61.8	7.9	mg/Kg	1	☼	6020B	Total/NA
Lead	254		0.62	0.21	mg/Kg	1	☼	6020B	Total/NA
Magnesium	11700		103	10.5	mg/Kg	1	☼	6020B	Total/NA
Manganese	354		4.1	0.42	mg/Kg	1	☼	6020B	Total/NA
Nickel	15.5		2.1	0.18	mg/Kg	1	☼	6020B	Total/NA
Potassium	1150		103	16.7	mg/Kg	1	☼	6020B	Total/NA
Selenium	0.25	J	1.3	0.13	mg/Kg	1	☼	6020B	Total/NA
Silver	0.35	J	0.41	0.092	mg/Kg	1	☼	6020B	Total/NA

This Detection Summary does not include radiochemical test results.

Client Sample ID: 58C_0-5 (Continued)

Lab Sample ID: 460-335806-5

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Sodium	119		103	47.1	mg/Kg	1	☼	6020B	Total/NA
Thallium	0.12	J	0.41	0.042	mg/Kg	1	☼	6020B	Total/NA
Vanadium	26.5		2.1	0.21	mg/Kg	1	☼	6020B	Total/NA
Zinc	158		8.2	1.1	mg/Kg	1	☼	6020B	Total/NA
Mercury	0.075		0.017	0.0082	mg/Kg	1	☼	7471B	Total/NA

Client Sample ID: 58C_5-10

Lab Sample ID: 460-335806-6

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Perfluorooctanoic acid (PFOA)	0.092	J	0.20	0.060	ug/Kg	1	☼	1633A	Total/NA
Perfluorononanoic acid (PFNA)	0.33		0.20	0.10	ug/Kg	1	☼	1633A	Total/NA
Perfluorodecanoic acid (PFDA)	0.41		0.20	0.060	ug/Kg	1	☼	1633A	Total/NA
Perfluoroundecanoic acid (PFUnA)	2.31		0.20	0.10	ug/Kg	1	☼	1633A	Total/NA
Perfluorododecanoic acid (PFDoA)	0.36		0.20	0.10	ug/Kg	1	☼	1633A	Total/NA
Perfluorotridecanoic acid (PFTrDA)	1.77		0.20	0.10	ug/Kg	1	☼	1633A	Total/NA
Perfluorotetradecanoic acid (PFTeDA)	0.11	J	0.20	0.10	ug/Kg	1	☼	1633A	Total/NA
Aluminum	9510		20.6	5.7	mg/Kg	1	☼	6020B	Total/NA
Antimony	0.96	J	1.0	0.15	mg/Kg	1	☼	6020B	Total/NA
Arsenic	8.5		1.0	0.11	mg/Kg	1	☼	6020B	Total/NA
Barium	65.5		2.1	0.15	mg/Kg	1	☼	6020B	Total/NA
Beryllium	0.69		0.41	0.023	mg/Kg	1	☼	6020B	Total/NA
Cadmium	0.69	J	1.0	0.12	mg/Kg	1	☼	6020B	Total/NA
Calcium	18600		103	10.0	mg/Kg	1	☼	6020B	Total/NA
Chromium	18.9		2.1	0.31	mg/Kg	1	☼	6020B	Total/NA
Cobalt	9.4		1.0	0.15	mg/Kg	1	☼	6020B	Total/NA
Copper	69.8		2.1	0.38	mg/Kg	1	☼	6020B	Total/NA
Iron	23100		61.8	7.9	mg/Kg	1	☼	6020B	Total/NA
Lead	286		0.62	0.21	mg/Kg	1	☼	6020B	Total/NA
Magnesium	12900		103	10.5	mg/Kg	1	☼	6020B	Total/NA
Manganese	441		4.1	0.42	mg/Kg	1	☼	6020B	Total/NA
Nickel	21.0		2.1	0.18	mg/Kg	1	☼	6020B	Total/NA
Potassium	1340		103	16.7	mg/Kg	1	☼	6020B	Total/NA
Selenium	0.30	J	1.3	0.13	mg/Kg	1	☼	6020B	Total/NA
Silver	0.59		0.41	0.092	mg/Kg	1	☼	6020B	Total/NA
Sodium	119		103	47.1	mg/Kg	1	☼	6020B	Total/NA
Thallium	0.13	J	0.41	0.042	mg/Kg	1	☼	6020B	Total/NA
Vanadium	32.5		2.1	0.21	mg/Kg	1	☼	6020B	Total/NA
Zinc	126		8.2	1.1	mg/Kg	1	☼	6020B	Total/NA
Mercury	0.050		0.018	0.0087	mg/Kg	1	☼	7471B	Total/NA

Client Sample ID: 58D_0-5

Lab Sample ID: 460-335806-7

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Benzo[b]fluoranthene	0.010	J	0.034	0.0087	mg/Kg	1	☼	8270E	Total/NA
Pyrene	0.013	J	0.34	0.0084	mg/Kg	1	☼	8270E	Total/NA
Perfluorobutanoic acid (PFBA)	0.22	J	0.38	0.095	ug/Kg	1	☼	1633A	Total/NA
Perfluoropentanoic acid (PFPeA)	0.37		0.19	0.095	ug/Kg	1	☼	1633A	Total/NA
Perfluorohexanoic acid (PFHxA)	0.28		0.19	0.095	ug/Kg	1	☼	1633A	Total/NA
Perfluoroheptanoic acid (PFHpA)	0.34		0.19	0.095	ug/Kg	1	☼	1633A	Total/NA
Perfluorooctanoic acid (PFOA)	0.36		0.19	0.057	ug/Kg	1	☼	1633A	Total/NA
Perfluorononanoic acid (PFNA)	0.82		0.19	0.095	ug/Kg	1	☼	1633A	Total/NA
Perfluorodecanoic acid (PFDA)	0.48		0.19	0.057	ug/Kg	1	☼	1633A	Total/NA

This Detection Summary does not include radiochemical test results.

Client Sample ID: 58D_0-5 (Continued)

Lab Sample ID: 460-335806-7

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Perfluoroundecanoic acid (PFUnA)	4.91		0.19	0.095	ug/Kg	1	☼	1633A	Total/NA
Perfluorododecanoic acid (PFDoA)	0.72		0.19	0.095	ug/Kg	1	☼	1633A	Total/NA
Perfluorotridecanoic acid (PFTrDA)	3.59		0.19	0.095	ug/Kg	1	☼	1633A	Total/NA
Perfluorotetradecanoic acid (PFTeDA)	0.21		0.19	0.095	ug/Kg	1	☼	1633A	Total/NA
1H,1H,2H,2H-Perfluorodecane sulfonic acid (8:2 FTS)	0.37	J	0.38	0.19	ug/Kg	1	☼	1633A	Total/NA
Aluminum	7680		19.0	5.2	mg/Kg	1	☼	6020B	Total/NA
Antimony	0.86	J	0.95	0.14	mg/Kg	1	☼	6020B	Total/NA
Arsenic	8.6		0.95	0.098	mg/Kg	1	☼	6020B	Total/NA
Barium	51.5		1.9	0.14	mg/Kg	1	☼	6020B	Total/NA
Beryllium	0.58		0.38	0.021	mg/Kg	1	☼	6020B	Total/NA
Cadmium	0.80	J	0.95	0.11	mg/Kg	1	☼	6020B	Total/NA
Calcium	19600		94.8	9.2	mg/Kg	1	☼	6020B	Total/NA
Chromium	17.3		1.9	0.28	mg/Kg	1	☼	6020B	Total/NA
Cobalt	7.1		0.95	0.14	mg/Kg	1	☼	6020B	Total/NA
Copper	84.7		1.9	0.35	mg/Kg	1	☼	6020B	Total/NA
Iron	19300		56.9	7.3	mg/Kg	1	☼	6020B	Total/NA
Lead	275		0.57	0.19	mg/Kg	1	☼	6020B	Total/NA
Magnesium	13400		94.8	9.7	mg/Kg	1	☼	6020B	Total/NA
Manganese	310		3.8	0.38	mg/Kg	1	☼	6020B	Total/NA
Nickel	20.0		1.9	0.17	mg/Kg	1	☼	6020B	Total/NA
Potassium	1050		94.8	15.4	mg/Kg	1	☼	6020B	Total/NA
Selenium	0.32	J	1.2	0.12	mg/Kg	1	☼	6020B	Total/NA
Silver	0.85		0.38	0.084	mg/Kg	1	☼	6020B	Total/NA
Sodium	108		94.8	43.3	mg/Kg	1	☼	6020B	Total/NA
Thallium	0.13	J	0.38	0.039	mg/Kg	1	☼	6020B	Total/NA
Vanadium	28.9		1.9	0.20	mg/Kg	1	☼	6020B	Total/NA
Zinc	133		7.6	1.0	mg/Kg	1	☼	6020B	Total/NA
Mercury	0.045		0.016	0.0074	mg/Kg	1	☼	7471B	Total/NA

Client Sample ID: 58D_5-10

Lab Sample ID: 460-335806-8

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Benzo[b]fluoranthene	0.0095	J	0.034	0.0089	mg/Kg	1	☼	8270E	Total/NA
Fluoranthene	0.016	J	0.34	0.012	mg/Kg	1	☼	8270E	Total/NA
Phenanthrene	0.014	J	0.34	0.014	mg/Kg	1	☼	8270E	Total/NA
Pyrene	0.015	J	0.34	0.0086	mg/Kg	1	☼	8270E	Total/NA
Perfluoropentanoic acid (PFPeA)	0.21		0.20	0.10	ug/Kg	1	☼	1633A	Total/NA
Perfluorohexanoic acid (PFHxA)	0.22		0.20	0.10	ug/Kg	1	☼	1633A	Total/NA
Perfluoroheptanoic acid (PFHpA)	0.25		0.20	0.10	ug/Kg	1	☼	1633A	Total/NA
Perfluorooctanoic acid (PFOA)	0.24		0.20	0.060	ug/Kg	1	☼	1633A	Total/NA
Perfluorononanoic acid (PFNA)	0.46		0.20	0.10	ug/Kg	1	☼	1633A	Total/NA
Perfluorodecanoic acid (PFDA)	0.17	J	0.20	0.060	ug/Kg	1	☼	1633A	Total/NA
Perfluoroundecanoic acid (PFUnA)	1.04		0.20	0.10	ug/Kg	1	☼	1633A	Total/NA
Perfluorododecanoic acid (PFDoA)	0.30		0.20	0.10	ug/Kg	1	☼	1633A	Total/NA
Perfluorotridecanoic acid (PFTrDA)	2.04		0.20	0.10	ug/Kg	1	☼	1633A	Total/NA
Perfluorotetradecanoic acid (PFTeDA)	0.10	J	0.20	0.10	ug/Kg	1	☼	1633A	Total/NA
1H,1H,2H,2H-Perfluorodecane sulfonic acid (8:2 FTS)	0.21	J	0.40	0.20	ug/Kg	1	☼	1633A	Total/NA
Aluminum	8240		19.4	5.3	mg/Kg	1	☼	6020B	Total/NA
Antimony	0.79	J	0.97	0.14	mg/Kg	1	☼	6020B	Total/NA
Arsenic	7.7		0.97	0.10	mg/Kg	1	☼	6020B	Total/NA

This Detection Summary does not include radiochemical test results.

Client Sample ID: 58D_5-10 (Continued)

Lab Sample ID: 460-335806-8

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Barium	57.9		1.9	0.14	mg/Kg	1	☼	6020B	Total/NA
Beryllium	0.58		0.39	0.021	mg/Kg	1	☼	6020B	Total/NA
Cadmium	0.54	J	0.97	0.11	mg/Kg	1	☼	6020B	Total/NA
Calcium	17000		96.8	9.4	mg/Kg	1	☼	6020B	Total/NA
Chromium	17.2		1.9	0.29	mg/Kg	1	☼	6020B	Total/NA
Cobalt	6.6		0.97	0.14	mg/Kg	1	☼	6020B	Total/NA
Copper	52.7		1.9	0.36	mg/Kg	1	☼	6020B	Total/NA
Iron	19500		58.1	7.4	mg/Kg	1	☼	6020B	Total/NA
Lead	252		0.58	0.19	mg/Kg	1	☼	6020B	Total/NA
Magnesium	11500		96.8	9.9	mg/Kg	1	☼	6020B	Total/NA
Manganese	309		3.9	0.39	mg/Kg	1	☼	6020B	Total/NA
Nickel	15.8		1.9	0.17	mg/Kg	1	☼	6020B	Total/NA
Potassium	1070		96.8	15.7	mg/Kg	1	☼	6020B	Total/NA
Selenium	0.28	J	1.2	0.12	mg/Kg	1	☼	6020B	Total/NA
Silver	0.40		0.39	0.086	mg/Kg	1	☼	6020B	Total/NA
Sodium	114		96.8	44.2	mg/Kg	1	☼	6020B	Total/NA
Thallium	0.12	J	0.39	0.040	mg/Kg	1	☼	6020B	Total/NA
Vanadium	28.5		1.9	0.20	mg/Kg	1	☼	6020B	Total/NA
Zinc	112		7.7	1.1	mg/Kg	1	☼	6020B	Total/NA
Mercury	0.041		0.017	0.0082	mg/Kg	1	☼	7471B	Total/NA

Client Sample ID: 58E_0-5

Lab Sample ID: 460-335806-9

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Perfluorononanoic acid (PFNA)	0.27		0.20	0.099	ug/Kg	1	☼	1633A	Total/NA
Perfluorodecanoic acid (PFDA)	0.088	J	0.20	0.060	ug/Kg	1	☼	1633A	Total/NA
Perfluoroundecanoic acid (PFUnA)	1.90		0.20	0.099	ug/Kg	1	☼	1633A	Total/NA
Perfluorododecanoic acid (PFDoA)	0.30		0.20	0.099	ug/Kg	1	☼	1633A	Total/NA
Perfluorotridecanoic acid (PFTrDA)	2.07		0.20	0.099	ug/Kg	1	☼	1633A	Total/NA
Aluminum	8560		19.6	5.4	mg/Kg	1	☼	6020B	Total/NA
Antimony	0.46	J	0.98	0.14	mg/Kg	1	☼	6020B	Total/NA
Arsenic	6.5		0.98	0.10	mg/Kg	1	☼	6020B	Total/NA
Barium	55.4		2.0	0.14	mg/Kg	1	☼	6020B	Total/NA
Beryllium	0.57		0.39	0.022	mg/Kg	1	☼	6020B	Total/NA
Cadmium	0.28	J	0.98	0.11	mg/Kg	1	☼	6020B	Total/NA
Calcium	14400		97.8	9.5	mg/Kg	1	☼	6020B	Total/NA
Chromium	15.3		2.0	0.29	mg/Kg	1	☼	6020B	Total/NA
Cobalt	6.9		0.98	0.14	mg/Kg	1	☼	6020B	Total/NA
Copper	31.7		2.0	0.36	mg/Kg	1	☼	6020B	Total/NA
Iron	19100		58.7	7.5	mg/Kg	1	☼	6020B	Total/NA
Lead	97.0		0.59	0.20	mg/Kg	1	☼	6020B	Total/NA
Magnesium	4250		97.8	10	mg/Kg	1	☼	6020B	Total/NA
Manganese	289		3.9	0.39	mg/Kg	1	☼	6020B	Total/NA
Nickel	13.5		2.0	0.17	mg/Kg	1	☼	6020B	Total/NA
Potassium	1060		97.8	15.8	mg/Kg	1	☼	6020B	Total/NA
Selenium	0.21	J	1.2	0.13	mg/Kg	1	☼	6020B	Total/NA
Silver	0.19	J	0.39	0.087	mg/Kg	1	☼	6020B	Total/NA
Sodium	104		97.8	44.7	mg/Kg	1	☼	6020B	Total/NA
Thallium	0.11	J	0.39	0.040	mg/Kg	1	☼	6020B	Total/NA
Vanadium	24.3		2.0	0.20	mg/Kg	1	☼	6020B	Total/NA
Zinc	71.0		7.8	1.1	mg/Kg	1	☼	6020B	Total/NA

This Detection Summary does not include radiochemical test results.

Client Sample ID: 58E_0-5 (Continued) — Lab Sample ID: 460-335806-9

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Mercury	0.027		0.018	0.0086	mg/Kg	1	☼	7471B	Total/NA

Client Sample ID: 58E_5-10 — Lab Sample ID: 460-335806-10

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Perfluoroundecanoic acid (PFUnA)	0.34		0.20	0.098	ug/Kg	1	☼	1633A	Total/NA
Perfluorododecanoic acid (PFDoA)	0.099	J	0.20	0.098	ug/Kg	1	☼	1633A	Total/NA
Perfluorotridecanoic acid (PFTrDA)	0.93		0.20	0.098	ug/Kg	1	☼	1633A	Total/NA
Aluminum	7740		20.7	5.7	mg/Kg	1	☼	6020B	Total/NA
Antimony	0.39	J	1.0	0.15	mg/Kg	1	☼	6020B	Total/NA
Arsenic	6.3		1.0	0.11	mg/Kg	1	☼	6020B	Total/NA
Barium	43.0		2.1	0.15	mg/Kg	1	☼	6020B	Total/NA
Beryllium	0.52		0.41	0.023	mg/Kg	1	☼	6020B	Total/NA
Cadmium	0.23	J	1.0	0.12	mg/Kg	1	☼	6020B	Total/NA
Calcium	2260		103	10.1	mg/Kg	1	☼	6020B	Total/NA
Chromium	14.2		2.1	0.31	mg/Kg	1	☼	6020B	Total/NA
Cobalt	6.2		1.0	0.15	mg/Kg	1	☼	6020B	Total/NA
Copper	29.2		2.1	0.38	mg/Kg	1	☼	6020B	Total/NA
Iron	18500		62.0	7.9	mg/Kg	1	☼	6020B	Total/NA
Lead	57.7		0.62	0.21	mg/Kg	1	☼	6020B	Total/NA
Magnesium	3260		103	10.5	mg/Kg	1	☼	6020B	Total/NA
Manganese	262		4.1	0.42	mg/Kg	1	☼	6020B	Total/NA
Nickel	12.6		2.1	0.18	mg/Kg	1	☼	6020B	Total/NA
Potassium	1100		103	16.7	mg/Kg	1	☼	6020B	Total/NA
Selenium	0.18	J	1.3	0.13	mg/Kg	1	☼	6020B	Total/NA
Silver	0.16	J	0.41	0.092	mg/Kg	1	☼	6020B	Total/NA
Sodium	77.6	J	103	47.3	mg/Kg	1	☼	6020B	Total/NA
Thallium	0.10	J	0.41	0.042	mg/Kg	1	☼	6020B	Total/NA
Vanadium	22.9		2.1	0.21	mg/Kg	1	☼	6020B	Total/NA
Zinc	53.2		8.3	1.1	mg/Kg	1	☼	6020B	Total/NA
Mercury	0.026		0.019	0.0087	mg/Kg	1	☼	7471B	Total/NA

Client Sample ID: 58F_0-5 — Lab Sample ID: 460-335806-11

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Perfluorooctanoic acid (PFOA)	0.084	J	0.19	0.058	ug/Kg	1	☼	1633A	Total/NA
Perfluorononanoic acid (PFNA)	0.43		0.19	0.097	ug/Kg	1	☼	1633A	Total/NA
Perfluorodecanoic acid (PFDA)	0.47		0.19	0.058	ug/Kg	1	☼	1633A	Total/NA
Perfluoroundecanoic acid (PFUnA)	2.33		0.19	0.097	ug/Kg	1	☼	1633A	Total/NA
Perfluorododecanoic acid (PFDoA)	0.47		0.19	0.097	ug/Kg	1	☼	1633A	Total/NA
Perfluorotridecanoic acid (PFTrDA)	2.24		0.19	0.097	ug/Kg	1	☼	1633A	Total/NA
Perfluorotetradecanoic acid (PFTeDA)	0.097	J	0.19	0.097	ug/Kg	1	☼	1633A	Total/NA
1H,1H,2H,2H-Perfluorodecane sulfonic acid (8:2 FTS)	0.27	J	0.39	0.19	ug/Kg	1	☼	1633A	Total/NA
Aluminum	9610		20.0	5.5	mg/Kg	1	☼	6020B	Total/NA
Antimony	0.50	J	1.0	0.15	mg/Kg	1	☼	6020B	Total/NA
Arsenic	6.7		1.0	0.10	mg/Kg	1	☼	6020B	Total/NA
Barium	74.3		2.0	0.15	mg/Kg	1	☼	6020B	Total/NA
Beryllium	0.69		0.40	0.022	mg/Kg	1	☼	6020B	Total/NA
Cadmium	0.29	J	1.0	0.11	mg/Kg	1	☼	6020B	Total/NA
Calcium	1850		100	9.7	mg/Kg	1	☼	6020B	Total/NA
Chromium	19.8		2.0	0.30	mg/Kg	1	☼	6020B	Total/NA

This Detection Summary does not include radiochemical test results.

Client Sample ID: 58F_0-5 (Continued)

Lab Sample ID: 460-335806-11

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Cobalt	7.4		1.0	0.15	mg/Kg	1	☼	6020B	Total/NA
Copper	36.0		2.0	0.37	mg/Kg	1	☼	6020B	Total/NA
Iron	20800		60.1	7.7	mg/Kg	1	☼	6020B	Total/NA
Lead	166		0.60	0.20	mg/Kg	1	☼	6020B	Total/NA
Magnesium	2490		100	10.2	mg/Kg	1	☼	6020B	Total/NA
Manganese	286		4.0	0.40	mg/Kg	1	☼	6020B	Total/NA
Nickel	16.5		2.0	0.18	mg/Kg	1	☼	6020B	Total/NA
Potassium	1250		100	16.2	mg/Kg	1	☼	6020B	Total/NA
Selenium	0.25	J	1.3	0.13	mg/Kg	1	☼	6020B	Total/NA
Silver	0.21	J	0.40	0.089	mg/Kg	1	☼	6020B	Total/NA
Sodium	137		100	45.7	mg/Kg	1	☼	6020B	Total/NA
Thallium	0.12	J	0.40	0.041	mg/Kg	1	☼	6020B	Total/NA
Vanadium	26.7		2.0	0.21	mg/Kg	1	☼	6020B	Total/NA
Zinc	91.7		8.0	1.1	mg/Kg	1	☼	6020B	Total/NA
Mercury	0.029		0.019	0.0088	mg/Kg	1	☼	7471B	Total/NA

Client Sample ID: 58F_5-10

Lab Sample ID: 460-335806-12

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Benzo[a]pyrene	0.011	J	0.038	0.010	mg/Kg	1	☼	8270E	Total/NA
Benzo[b]fluoranthene	0.013	J	0.038	0.0098	mg/Kg	1	☼	8270E	Total/NA
Fluoranthene	0.016	J	0.38	0.013	mg/Kg	1	☼	8270E	Total/NA
Pyrene	0.014	J	0.38	0.0095	mg/Kg	1	☼	8270E	Total/NA
Perfluoropentanoic acid (PFPeA)	0.097	J	0.19	0.096	ug/Kg	1	☼	1633A	Total/NA
Perfluorohexanoic acid (PFHxA)	0.11	J	0.19	0.096	ug/Kg	1	☼	1633A	Total/NA
Perfluoroheptanoic acid (PFHpA)	0.20		0.19	0.096	ug/Kg	1	☼	1633A	Total/NA
Perfluorooctanoic acid (PFOA)	0.32		0.19	0.058	ug/Kg	1	☼	1633A	Total/NA
Perfluorononanoic acid (PFNA)	4.96		0.19	0.096	ug/Kg	1	☼	1633A	Total/NA
Perfluorodecanoic acid (PFDA)	0.25		0.19	0.058	ug/Kg	1	☼	1633A	Total/NA
Perfluoroundecanoic acid (PFUnA)	2.43		0.19	0.096	ug/Kg	1	☼	1633A	Total/NA
Perfluorododecanoic acid (PFDoA)	0.30		0.19	0.096	ug/Kg	1	☼	1633A	Total/NA
Perfluorotridecanoic acid (PFTrDA)	1.66		0.19	0.096	ug/Kg	1	☼	1633A	Total/NA
Perfluorooctanesulfonic acid (PFOS)	0.15	J	0.19	0.096	ug/Kg	1	☼	1633A	Total/NA
Aluminum	7100		20.9	5.7	mg/Kg	1	☼	6020B	Total/NA
Antimony	0.37	J	1.0	0.15	mg/Kg	1	☼	6020B	Total/NA
Arsenic	6.5		1.0	0.11	mg/Kg	1	☼	6020B	Total/NA
Barium	45.5		2.1	0.15	mg/Kg	1	☼	6020B	Total/NA
Beryllium	0.57		0.42	0.023	mg/Kg	1	☼	6020B	Total/NA
Cadmium	0.22	J	1.0	0.12	mg/Kg	1	☼	6020B	Total/NA
Calcium	2290		105	10.2	mg/Kg	1	☼	6020B	Total/NA
Chromium	14.9		2.1	0.31	mg/Kg	1	☼	6020B	Total/NA
Cobalt	6.4		1.0	0.15	mg/Kg	1	☼	6020B	Total/NA
Copper	37.6		2.1	0.39	mg/Kg	1	☼	6020B	Total/NA
Iron	18000		62.8	8.0	mg/Kg	1	☼	6020B	Total/NA
Lead	77.5		0.63	0.21	mg/Kg	1	☼	6020B	Total/NA
Magnesium	2790		105	10.7	mg/Kg	1	☼	6020B	Total/NA
Manganese	262		4.2	0.42	mg/Kg	1	☼	6020B	Total/NA
Nickel	16.3		2.1	0.19	mg/Kg	1	☼	6020B	Total/NA
Potassium	975		105	17.0	mg/Kg	1	☼	6020B	Total/NA
Selenium	0.22	J	1.3	0.13	mg/Kg	1	☼	6020B	Total/NA
Silver	0.19	J	0.42	0.093	mg/Kg	1	☼	6020B	Total/NA

This Detection Summary does not include radiochemical test results.

Client Sample ID: 58F_5-10 (Continued)

Lab Sample ID: 460-335806-12

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Sodium	87.7	J	105	47.8	mg/Kg	1	☼	6020B	Total/NA
Thallium	0.088	J	0.42	0.043	mg/Kg	1	☼	6020B	Total/NA
Vanadium	25.5		2.1	0.22	mg/Kg	1	☼	6020B	Total/NA
Zinc	91.3		8.4	1.1	mg/Kg	1	☼	6020B	Total/NA
Mercury	0.039		0.020	0.0092	mg/Kg	1	☼	7471B	Total/NA

Client Sample ID: 58G_0-5

Lab Sample ID: 460-335806-13

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Perfluorooctanoic acid (PFOA)	0.073	J	0.20	0.060	ug/Kg	1	☼	1633A	Total/NA
Perfluorononanoic acid (PFNA)	0.20		0.20	0.10	ug/Kg	1	☼	1633A	Total/NA
Perfluorodecanoic acid (PFDA)	0.31		0.20	0.060	ug/Kg	1	☼	1633A	Total/NA
Perfluoroundecanoic acid (PFUnA)	1.92		0.20	0.10	ug/Kg	1	☼	1633A	Total/NA
Perfluorododecanoic acid (PFDoA)	0.20		0.20	0.10	ug/Kg	1	☼	1633A	Total/NA
Perfluorotridecanoic acid (PFTrDA)	0.66		0.20	0.10	ug/Kg	1	☼	1633A	Total/NA
Aluminum	9890		20.1	5.5	mg/Kg	1	☼	6020B	Total/NA
Antimony	0.28	J	1.0	0.15	mg/Kg	1	☼	6020B	Total/NA
Arsenic	5.2		1.0	0.10	mg/Kg	1	☼	6020B	Total/NA
Barium	53.1		2.0	0.15	mg/Kg	1	☼	6020B	Total/NA
Beryllium	0.57		0.40	0.022	mg/Kg	1	☼	6020B	Total/NA
Cadmium	0.22	J	1.0	0.11	mg/Kg	1	☼	6020B	Total/NA
Calcium	2740		100	9.8	mg/Kg	1	☼	6020B	Total/NA
Chromium	16.4		2.0	0.30	mg/Kg	1	☼	6020B	Total/NA
Cobalt	6.8		1.0	0.15	mg/Kg	1	☼	6020B	Total/NA
Copper	23.3		2.0	0.37	mg/Kg	1	☼	6020B	Total/NA
Iron	19600		60.2	7.7	mg/Kg	1	☼	6020B	Total/NA
Lead	56.0		0.60	0.20	mg/Kg	1	☼	6020B	Total/NA
Magnesium	3760		100	10.2	mg/Kg	1	☼	6020B	Total/NA
Manganese	286		4.0	0.40	mg/Kg	1	☼	6020B	Total/NA
Nickel	13.8		2.0	0.18	mg/Kg	1	☼	6020B	Total/NA
Potassium	1080		100	16.3	mg/Kg	1	☼	6020B	Total/NA
Selenium	0.17	J	1.3	0.13	mg/Kg	1	☼	6020B	Total/NA
Silver	0.12	J	0.40	0.089	mg/Kg	1	☼	6020B	Total/NA
Sodium	101		100	45.9	mg/Kg	1	☼	6020B	Total/NA
Thallium	0.11	J	0.40	0.041	mg/Kg	1	☼	6020B	Total/NA
Vanadium	24.4		2.0	0.21	mg/Kg	1	☼	6020B	Total/NA
Zinc	52.6		8.0	1.1	mg/Kg	1	☼	6020B	Total/NA
Mercury	0.023		0.018	0.0086	mg/Kg	1	☼	7471B	Total/NA

Client Sample ID: 58G_5-10

Lab Sample ID: 460-335806-14

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Acenaphthylene	0.015	J	0.36	0.010	mg/Kg	1	☼	8270E	Total/NA
Anthracene	0.026	J	0.36	0.011	mg/Kg	1	☼	8270E	Total/NA
Benzo[a]pyrene	0.026	J	0.036	0.0097	mg/Kg	1	☼	8270E	Total/NA
Benzo[b]fluoranthene	0.035	J	0.036	0.0094	mg/Kg	1	☼	8270E	Total/NA
Benzo[g,h,i]perylene	0.034	J	0.36	0.011	mg/Kg	1	☼	8270E	Total/NA
Benzo[k]fluoranthene	0.012	J	0.036	0.0071	mg/Kg	1	☼	8270E	Total/NA
Chrysene	0.022	J	0.36	0.015	mg/Kg	1	☼	8270E	Total/NA
Fluoranthene	0.038	J	0.36	0.013	mg/Kg	1	☼	8270E	Total/NA
Indeno[1,2,3-cd]pyrene	0.026	J	0.036	0.014	mg/Kg	1	☼	8270E	Total/NA
Phenanthrene	0.021	J	0.36	0.015	mg/Kg	1	☼	8270E	Total/NA

This Detection Summary does not include radiochemical test results.

Client Sample ID: 58G_5-10 (Continued)

Lab Sample ID: 460-335806-14

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Pyrene	0.036	J	0.36	0.0090	mg/Kg	1	☼	8270E	Total/NA
Perfluorooctanoic acid (PFOA)	0.075	J	0.19	0.058	ug/Kg	1	☼	1633A	Total/NA
Perfluorononanoic acid (PFNA)	0.43		0.19	0.097	ug/Kg	1	☼	1633A	Total/NA
Perfluorodecanoic acid (PFDA)	0.18	J	0.19	0.058	ug/Kg	1	☼	1633A	Total/NA
Perfluoroundecanoic acid (PFUnA)	1.74		0.19	0.097	ug/Kg	1	☼	1633A	Total/NA
Perfluorododecanoic acid (PFDoA)	0.19		0.19	0.097	ug/Kg	1	☼	1633A	Total/NA
Perfluorotridecanoic acid (PFTrDA)	1.29		0.19	0.097	ug/Kg	1	☼	1633A	Total/NA
Perfluorooctanesulfonic acid (PFOS)	0.16	J	0.19	0.097	ug/Kg	1	☼	1633A	Total/NA
Aluminum	6330		20.1	5.5	mg/Kg	1	☼	6020B	Total/NA
Antimony	0.55	J	1.0	0.15	mg/Kg	1	☼	6020B	Total/NA
Arsenic	6.4		1.0	0.10	mg/Kg	1	☼	6020B	Total/NA
Barium	52.7		2.0	0.15	mg/Kg	1	☼	6020B	Total/NA
Beryllium	0.70		0.40	0.022	mg/Kg	1	☼	6020B	Total/NA
Cadmium	0.26	J	1.0	0.11	mg/Kg	1	☼	6020B	Total/NA
Calcium	2420		101	9.8	mg/Kg	1	☼	6020B	Total/NA
Chromium	18.6		2.0	0.30	mg/Kg	1	☼	6020B	Total/NA
Cobalt	7.4		1.0	0.15	mg/Kg	1	☼	6020B	Total/NA
Copper	56.6		2.0	0.37	mg/Kg	1	☼	6020B	Total/NA
Iron	19000		60.4	7.7	mg/Kg	1	☼	6020B	Total/NA
Lead	201		0.60	0.20	mg/Kg	1	☼	6020B	Total/NA
Magnesium	2320		101	10.3	mg/Kg	1	☼	6020B	Total/NA
Manganese	196		4.0	0.41	mg/Kg	1	☼	6020B	Total/NA
Nickel	25.4		2.0	0.18	mg/Kg	1	☼	6020B	Total/NA
Potassium	854		101	16.3	mg/Kg	1	☼	6020B	Total/NA
Selenium	0.27	J	1.3	0.13	mg/Kg	1	☼	6020B	Total/NA
Silver	0.18	J	0.40	0.090	mg/Kg	1	☼	6020B	Total/NA
Sodium	87.3	J	101	46.0	mg/Kg	1	☼	6020B	Total/NA
Thallium	0.11	J	0.40	0.041	mg/Kg	1	☼	6020B	Total/NA
Vanadium	21.1		2.0	0.21	mg/Kg	1	☼	6020B	Total/NA
Zinc	139		8.1	1.1	mg/Kg	1	☼	6020B	Total/NA
Mercury	0.039		0.017	0.0078	mg/Kg	1	☼	7471B	Total/NA

Client Sample ID: 58H_0-5

Lab Sample ID: 460-335806-15

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Perfluorononanoic acid (PFNA)	0.23		0.20	0.098	ug/Kg	1	☼	1633A	Total/NA
Perfluorodecanoic acid (PFDA)	0.22		0.20	0.059	ug/Kg	1	☼	1633A	Total/NA
Perfluoroundecanoic acid (PFUnA)	3.25		0.20	0.098	ug/Kg	1	☼	1633A	Total/NA
Perfluorododecanoic acid (PFDoA)	0.23		0.20	0.098	ug/Kg	1	☼	1633A	Total/NA
Perfluorotridecanoic acid (PFTrDA)	1.99		0.20	0.098	ug/Kg	1	☼	1633A	Total/NA
Aluminum	8620		19.7	5.4	mg/Kg	1	☼	6020B	Total/NA
Antimony	0.37	J	0.98	0.14	mg/Kg	1	☼	6020B	Total/NA
Arsenic	5.6		0.98	0.10	mg/Kg	1	☼	6020B	Total/NA
Barium	49.7		2.0	0.14	mg/Kg	1	☼	6020B	Total/NA
Beryllium	0.53		0.39	0.022	mg/Kg	1	☼	6020B	Total/NA
Cadmium	0.20	J	0.98	0.11	mg/Kg	1	☼	6020B	Total/NA
Calcium	2130		98.4	9.6	mg/Kg	1	☼	6020B	Total/NA
Chromium	16.3		2.0	0.29	mg/Kg	1	☼	6020B	Total/NA
Cobalt	7.2		0.98	0.15	mg/Kg	1	☼	6020B	Total/NA
Copper	25.3		2.0	0.36	mg/Kg	1	☼	6020B	Total/NA
Iron	19700		59.0	7.5	mg/Kg	1	☼	6020B	Total/NA

This Detection Summary does not include radiochemical test results.

Client Sample ID: 58H_0-5 (Continued)

Lab Sample ID: 460-335806-15

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Lead	102		0.59	0.20	mg/Kg	1	☼	6020B	Total/NA
Magnesium	3080		98.4	10.0	mg/Kg	1	☼	6020B	Total/NA
Manganese	284		3.9	0.40	mg/Kg	1	☼	6020B	Total/NA
Nickel	12.8		2.0	0.17	mg/Kg	1	☼	6020B	Total/NA
Potassium	987		98.4	15.9	mg/Kg	1	☼	6020B	Total/NA
Selenium	0.29	J	1.2	0.13	mg/Kg	1	☼	6020B	Total/NA
Silver	0.10	J	0.39	0.088	mg/Kg	1	☼	6020B	Total/NA
Sodium	68.1	J	98.4	45.0	mg/Kg	1	☼	6020B	Total/NA
Thallium	0.11	J	0.39	0.040	mg/Kg	1	☼	6020B	Total/NA
Vanadium	22.6		2.0	0.20	mg/Kg	1	☼	6020B	Total/NA
Zinc	52.3		7.9	1.1	mg/Kg	1	☼	6020B	Total/NA
Mercury	0.031		0.017	0.0079	mg/Kg	1	☼	7471B	Total/NA

Client Sample ID: 58H_5-10

Lab Sample ID: 460-335806-16

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Acenaphthylene	0.018	J	0.36	0.010	mg/Kg	1	☼	8270E	Total/NA
Benzo[a]pyrene	0.017	J	0.036	0.0097	mg/Kg	1	☼	8270E	Total/NA
Benzo[b]fluoranthene	0.020	J	0.036	0.0094	mg/Kg	1	☼	8270E	Total/NA
Benzo[g,h,i]perylene	0.018	J	0.36	0.011	mg/Kg	1	☼	8270E	Total/NA
Benzo[k]fluoranthene	0.0095	J	0.036	0.0071	mg/Kg	1	☼	8270E	Total/NA
Chrysene	0.015	J	0.36	0.015	mg/Kg	1	☼	8270E	Total/NA
Fluoranthene	0.017	J	0.36	0.013	mg/Kg	1	☼	8270E	Total/NA
Indeno[1,2,3-cd]pyrene	0.032	J	0.036	0.014	mg/Kg	1	☼	8270E	Total/NA
Pyrene	0.013	J	0.36	0.0091	mg/Kg	1	☼	8270E	Total/NA
Perfluorononanoic acid (PFNA)	0.14	J	0.19	0.096	ug/Kg	1	☼	1633A	Total/NA
Perfluorodecanoic acid (PFDA)	0.12	J	0.19	0.058	ug/Kg	1	☼	1633A	Total/NA
Perfluoroundecanoic acid (PFUnA)	1.37		0.19	0.096	ug/Kg	1	☼	1633A	Total/NA
Perfluorododecanoic acid (PFDoA)	0.13	J	0.19	0.096	ug/Kg	1	☼	1633A	Total/NA
Perfluorotridecanoic acid (PFTrDA)	0.52		0.19	0.096	ug/Kg	1	☼	1633A	Total/NA
Aluminum	6190		20.4	5.6	mg/Kg	1	☼	6020B	Total/NA
Antimony	0.54	J	1.0	0.15	mg/Kg	1	☼	6020B	Total/NA
Arsenic	6.9		1.0	0.11	mg/Kg	1	☼	6020B	Total/NA
Barium	34.5		2.0	0.15	mg/Kg	1	☼	6020B	Total/NA
Beryllium	0.42		0.41	0.022	mg/Kg	1	☼	6020B	Total/NA
Cadmium	0.30	J	1.0	0.12	mg/Kg	1	☼	6020B	Total/NA
Calcium	2130		102	9.9	mg/Kg	1	☼	6020B	Total/NA
Chromium	13.7		2.0	0.30	mg/Kg	1	☼	6020B	Total/NA
Cobalt	5.6		1.0	0.15	mg/Kg	1	☼	6020B	Total/NA
Copper	33.3		2.0	0.38	mg/Kg	1	☼	6020B	Total/NA
Iron	20900		61.3	7.8	mg/Kg	1	☼	6020B	Total/NA
Lead	99.2		0.61	0.20	mg/Kg	1	☼	6020B	Total/NA
Magnesium	2500		102	10.4	mg/Kg	1	☼	6020B	Total/NA
Manganese	278		4.1	0.41	mg/Kg	1	☼	6020B	Total/NA
Nickel	10.3		2.0	0.18	mg/Kg	1	☼	6020B	Total/NA
Potassium	820		102	16.6	mg/Kg	1	☼	6020B	Total/NA
Selenium	0.34	J	1.3	0.13	mg/Kg	1	☼	6020B	Total/NA
Silver	0.18	J	0.41	0.091	mg/Kg	1	☼	6020B	Total/NA
Sodium	62.9	J	102	46.7	mg/Kg	1	☼	6020B	Total/NA
Thallium	0.074	J	0.41	0.042	mg/Kg	1	☼	6020B	Total/NA
Vanadium	20.6		2.0	0.21	mg/Kg	1	☼	6020B	Total/NA

This Detection Summary does not include radiochemical test results.

Client Sample ID: 58H_5-10 (Continued) — Lab Sample ID: 460-335806-16

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Zinc	74.6		8.2	1.1	mg/Kg	1	☼	6020B	Total/NA
Mercury	0.045		0.018	0.0087	mg/Kg	1	☼	7471B	Total/NA

Client Sample ID: 58I_0-5 — Lab Sample ID: 460-335806-17

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Acenaphthylene	0.011	J	0.36	0.010	mg/Kg	1	☼	8270E	Total/NA
Anthracene	0.011	J	0.36	0.011	mg/Kg	1	☼	8270E	Total/NA
Benzo[a]pyrene	0.029	J	0.036	0.0097	mg/Kg	1	☼	8270E	Total/NA
Benzo[b]fluoranthene	0.034	J	0.036	0.0094	mg/Kg	1	☼	8270E	Total/NA
Benzo[g,h,i]perylene	0.025	J	0.36	0.011	mg/Kg	1	☼	8270E	Total/NA
Benzo[k]fluoranthene	0.014	J	0.036	0.0071	mg/Kg	1	☼	8270E	Total/NA
Chrysene	0.022	J	0.36	0.015	mg/Kg	1	☼	8270E	Total/NA
Fluoranthene	0.027	J	0.36	0.013	mg/Kg	1	☼	8270E	Total/NA
Indeno[1,2,3-cd]pyrene	0.044		0.036	0.014	mg/Kg	1	☼	8270E	Total/NA
Naphthalene	0.0070	J	0.36	0.0063	mg/Kg	1	☼	8270E	Total/NA
Pyrene	0.027	J	0.36	0.0090	mg/Kg	1	☼	8270E	Total/NA
Perfluorononanoic acid (PFNA)	0.16	J	0.19	0.097	ug/Kg	1	☼	1633A	Total/NA
Perfluorodecanoic acid (PFDA)	0.28		0.19	0.058	ug/Kg	1	☼	1633A	Total/NA
Perfluoroundecanoic acid (PFUnA)	2.37		0.19	0.097	ug/Kg	1	☼	1633A	Total/NA
Perfluorododecanoic acid (PFDoA)	0.28		0.19	0.097	ug/Kg	1	☼	1633A	Total/NA
Perfluorotridecanoic acid (PFTrDA)	1.33		0.19	0.097	ug/Kg	1	☼	1633A	Total/NA
Aluminum	6740		19.4	5.3	mg/Kg	1	☼	6020B	Total/NA
Antimony	0.61	J	0.97	0.14	mg/Kg	1	☼	6020B	Total/NA
Arsenic	7.4		0.97	0.10	mg/Kg	1	☼	6020B	Total/NA
Barium	33.5		1.9	0.14	mg/Kg	1	☼	6020B	Total/NA
Beryllium	0.45		0.39	0.021	mg/Kg	1	☼	6020B	Total/NA
Cadmium	0.33	J	0.97	0.11	mg/Kg	1	☼	6020B	Total/NA
Calcium	2940		96.8	9.4	mg/Kg	1	☼	6020B	Total/NA
Chromium	13.8		1.9	0.29	mg/Kg	1	☼	6020B	Total/NA
Cobalt	6.0		0.97	0.14	mg/Kg	1	☼	6020B	Total/NA
Copper	41.7		1.9	0.36	mg/Kg	1	☼	6020B	Total/NA
Iron	18300		58.1	7.4	mg/Kg	1	☼	6020B	Total/NA
Lead	56.1		0.58	0.19	mg/Kg	1	☼	6020B	Total/NA
Magnesium	3100		96.8	9.9	mg/Kg	1	☼	6020B	Total/NA
Manganese	225		3.9	0.39	mg/Kg	1	☼	6020B	Total/NA
Nickel	12.4		1.9	0.17	mg/Kg	1	☼	6020B	Total/NA
Potassium	869		96.8	15.7	mg/Kg	1	☼	6020B	Total/NA
Selenium	0.19	J	1.2	0.12	mg/Kg	1	☼	6020B	Total/NA
Silver	0.22	J	0.39	0.086	mg/Kg	1	☼	6020B	Total/NA
Sodium	79.7	J	96.8	44.2	mg/Kg	1	☼	6020B	Total/NA
Thallium	0.075	J	0.39	0.040	mg/Kg	1	☼	6020B	Total/NA
Vanadium	23.5		1.9	0.20	mg/Kg	1	☼	6020B	Total/NA
Zinc	61.1		7.7	1.1	mg/Kg	1	☼	6020B	Total/NA
Mercury	0.029		0.018	0.0085	mg/Kg	1	☼	7471B	Total/NA

Client Sample ID: 58I_5-10 — Lab Sample ID: 460-335806-18

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Benzo[b]fluoranthene	0.011	J	0.037	0.0095	mg/Kg	1	☼	8270E	Total/NA
Indeno[1,2,3-cd]pyrene	0.027	J	0.037	0.014	mg/Kg	1	☼	8270E	Total/NA
Pyrene	0.010	J	0.37	0.0091	mg/Kg	1	☼	8270E	Total/NA

This Detection Summary does not include radiochemical test results.

Client Sample ID: 58I_5-10 (Continued) — Lab Sample ID: 460-335806-18

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Perfluorooctanoic acid (PFOA)	0.073	J	0.19	0.057	ug/Kg	1	☼	1633A	Total/NA
Perfluorononanoic acid (PFNA)	0.85		0.19	0.096	ug/Kg	1	☼	1633A	Total/NA
Perfluorodecanoic acid (PFDA)	0.41		0.19	0.057	ug/Kg	1	☼	1633A	Total/NA
Perfluoroundecanoic acid (PFUnA)	0.90		0.19	0.096	ug/Kg	1	☼	1633A	Total/NA
Perfluorododecanoic acid (PFDoA)	0.20		0.19	0.096	ug/Kg	1	☼	1633A	Total/NA
Perfluorotridecanoic acid (PFTrDA)	0.63		0.19	0.096	ug/Kg	1	☼	1633A	Total/NA
Perfluorooctanesulfonic acid (PFOS)	0.11	J	0.19	0.096	ug/Kg	1	☼	1633A	Total/NA
Aluminum	6460		20.2	5.5	mg/Kg	1	☼	6020B	Total/NA
Antimony	0.46	J	1.0	0.15	mg/Kg	1	☼	6020B	Total/NA
Arsenic	7.0		1.0	0.10	mg/Kg	1	☼	6020B	Total/NA
Barium	31.5		2.0	0.15	mg/Kg	1	☼	6020B	Total/NA
Beryllium	0.46		0.40	0.022	mg/Kg	1	☼	6020B	Total/NA
Cadmium	0.30	J	1.0	0.11	mg/Kg	1	☼	6020B	Total/NA
Calcium	2060		101	9.8	mg/Kg	1	☼	6020B	Total/NA
Chromium	13.4		2.0	0.30	mg/Kg	1	☼	6020B	Total/NA
Cobalt	6.0		1.0	0.15	mg/Kg	1	☼	6020B	Total/NA
Copper	33.7		2.0	0.37	mg/Kg	1	☼	6020B	Total/NA
Iron	17800		60.6	7.7	mg/Kg	1	☼	6020B	Total/NA
Lead	42.6		0.61	0.20	mg/Kg	1	☼	6020B	Total/NA
Magnesium	2640		101	10.3	mg/Kg	1	☼	6020B	Total/NA
Manganese	229		4.0	0.41	mg/Kg	1	☼	6020B	Total/NA
Nickel	10.6		2.0	0.18	mg/Kg	1	☼	6020B	Total/NA
Potassium	821		101	16.4	mg/Kg	1	☼	6020B	Total/NA
Selenium	0.18	J	1.3	0.13	mg/Kg	1	☼	6020B	Total/NA
Silver	0.21	J	0.40	0.090	mg/Kg	1	☼	6020B	Total/NA
Sodium	68.4	J	101	46.2	mg/Kg	1	☼	6020B	Total/NA
Thallium	0.073	J	0.40	0.041	mg/Kg	1	☼	6020B	Total/NA
Vanadium	22.4		2.0	0.21	mg/Kg	1	☼	6020B	Total/NA
Zinc	51.9		8.1	1.1	mg/Kg	1	☼	6020B	Total/NA
Mercury	0.041		0.018	0.0086	mg/Kg	1	☼	7471B	Total/NA

Client Sample ID: 58J_0-5 — Lab Sample ID: 460-335806-19

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Acenaphthylene	0.010	J	0.35	0.010	mg/Kg	1	☼	8270E	Total/NA
Anthracene	0.017	J	0.35	0.011	mg/Kg	1	☼	8270E	Total/NA
Benzo[a]anthracene	0.066		0.035	0.027	mg/Kg	1	☼	8270E	Total/NA
Benzo[a]pyrene	0.12		0.035	0.0094	mg/Kg	1	☼	8270E	Total/NA
Benzo[b]fluoranthene	0.13		0.035	0.0091	mg/Kg	1	☼	8270E	Total/NA
Benzo[g,h,i]perylene	0.21	J	0.35	0.010	mg/Kg	1	☼	8270E	Total/NA
Benzo[k]fluoranthene	0.050		0.035	0.0069	mg/Kg	1	☼	8270E	Total/NA
Chrysene	0.076	J	0.35	0.015	mg/Kg	1	☼	8270E	Total/NA
Fluoranthene	0.11	J	0.35	0.012	mg/Kg	1	☼	8270E	Total/NA
Indeno[1,2,3-cd]pyrene	0.15		0.035	0.014	mg/Kg	1	☼	8270E	Total/NA
Naphthalene	0.011	J	0.35	0.0061	mg/Kg	1	☼	8270E	Total/NA
Phenanthrene	0.039	J	0.35	0.014	mg/Kg	1	☼	8270E	Total/NA
Pyrene	0.17	J	0.35	0.0088	mg/Kg	1	☼	8270E	Total/NA
Perfluoropentanoic acid (PFPeA)	0.10	J	0.19	0.096	ug/Kg	1	☼	1633A	Total/NA
Perfluorooctanoic acid (PFOA)	0.13	J	0.19	0.058	ug/Kg	1	☼	1633A	Total/NA
Perfluorononanoic acid (PFNA)	0.46		0.19	0.096	ug/Kg	1	☼	1633A	Total/NA
Perfluorodecanoic acid (PFDA)	0.57		0.19	0.058	ug/Kg	1	☼	1633A	Total/NA

This Detection Summary does not include radiochemical test results.

Client Sample ID: 58J_0-5 (Continued)

Lab Sample ID: 460-335806-19

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Perfluoroundecanoic acid (PFUnA)	3.63		0.19	0.096	ug/Kg	1	☼	1633A	Total/NA
Perfluorododecanoic acid (PFDoA)	0.27		0.19	0.096	ug/Kg	1	☼	1633A	Total/NA
Perfluorotridecanoic acid (PFTrDA)	1.38		0.19	0.096	ug/Kg	1	☼	1633A	Total/NA
Aluminum	7130		19.1	5.2	mg/Kg	1	☼	6020B	Total/NA
Antimony	1.3		0.96	0.14	mg/Kg	1	☼	6020B	Total/NA
Arsenic	9.3		0.96	0.098	mg/Kg	1	☼	6020B	Total/NA
Barium	78.0		1.9	0.14	mg/Kg	1	☼	6020B	Total/NA
Beryllium	1.1		0.38	0.021	mg/Kg	1	☼	6020B	Total/NA
Cadmium	0.41	J	0.96	0.11	mg/Kg	1	☼	6020B	Total/NA
Calcium	2710		95.5	9.3	mg/Kg	1	☼	6020B	Total/NA
Chromium	22.4		1.9	0.28	mg/Kg	1	☼	6020B	Total/NA
Cobalt	9.1		0.96	0.14	mg/Kg	1	☼	6020B	Total/NA
Copper	98.0		1.9	0.35	mg/Kg	1	☼	6020B	Total/NA
Iron	20400		57.3	7.3	mg/Kg	1	☼	6020B	Total/NA
Lead	98.4		0.57	0.19	mg/Kg	1	☼	6020B	Total/NA
Magnesium	2460		95.5	9.7	mg/Kg	1	☼	6020B	Total/NA
Manganese	226		3.8	0.39	mg/Kg	1	☼	6020B	Total/NA
Nickel	50.3		1.9	0.17	mg/Kg	1	☼	6020B	Total/NA
Potassium	926		95.5	15.5	mg/Kg	1	☼	6020B	Total/NA
Selenium	0.33	J	1.2	0.12	mg/Kg	1	☼	6020B	Total/NA
Silver	0.51		0.38	0.085	mg/Kg	1	☼	6020B	Total/NA
Sodium	175		95.5	43.7	mg/Kg	1	☼	6020B	Total/NA
Thallium	0.082	J	0.38	0.039	mg/Kg	1	☼	6020B	Total/NA
Vanadium	27.9		1.9	0.20	mg/Kg	1	☼	6020B	Total/NA
Zinc	118		7.6	1.0	mg/Kg	1	☼	6020B	Total/NA
Mercury	0.054		0.017	0.0079	mg/Kg	1	☼	7471B	Total/NA

Client Sample ID: 58J_5-10

Lab Sample ID: 460-335806-20

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Benzo[a]anthracene	0.027	J	0.035	0.027	mg/Kg	1	☼	8270E	Total/NA
Benzo[a]pyrene	0.048		0.035	0.0094	mg/Kg	1	☼	8270E	Total/NA
Benzo[b]fluoranthene	0.040		0.035	0.0092	mg/Kg	1	☼	8270E	Total/NA
Benzo[g,h,i]perylene	0.070	J	0.35	0.010	mg/Kg	1	☼	8270E	Total/NA
Benzo[k]fluoranthene	0.015	J	0.035	0.0069	mg/Kg	1	☼	8270E	Total/NA
Chrysene	0.026	J	0.35	0.015	mg/Kg	1	☼	8270E	Total/NA
Di-n-butyl phthalate	0.020	J	0.35	0.013	mg/Kg	1	☼	8270E	Total/NA
Fluoranthene	0.041	J	0.35	0.012	mg/Kg	1	☼	8270E	Total/NA
Indeno[1,2,3-cd]pyrene	0.050		0.035	0.014	mg/Kg	1	☼	8270E	Total/NA
Pyrene	0.063	J	0.35	0.0088	mg/Kg	1	☼	8270E	Total/NA
Perfluorooctanoic acid (PFOA)	0.066	J	0.19	0.057	ug/Kg	1	☼	1633A	Total/NA
Perfluorononanoic acid (PFNA)	0.16	J	0.19	0.096	ug/Kg	1	☼	1633A	Total/NA
Perfluorodecanoic acid (PFDA)	0.35		0.19	0.057	ug/Kg	1	☼	1633A	Total/NA
Perfluoroundecanoic acid (PFUnA)	1.63		0.19	0.096	ug/Kg	1	☼	1633A	Total/NA
Perfluorododecanoic acid (PFDoA)	0.26		0.19	0.096	ug/Kg	1	☼	1633A	Total/NA
Perfluorotridecanoic acid (PFTrDA)	1.20		0.19	0.096	ug/Kg	1	☼	1633A	Total/NA
Aluminum	6910		21.4	5.9	mg/Kg	1	☼	6020B	Total/NA
Antimony	0.63	J	1.1	0.16	mg/Kg	1	☼	6020B	Total/NA
Arsenic	8.1		1.1	0.11	mg/Kg	1	☼	6020B	Total/NA
Barium	34.4		2.1	0.16	mg/Kg	1	☼	6020B	Total/NA
Beryllium	0.51		0.43	0.024	mg/Kg	1	☼	6020B	Total/NA

This Detection Summary does not include radiochemical test results.

Client Sample ID: 58J_5-10 (Continued) — Lab Sample ID: 460-335806-20

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Cadmium	0.31	J	1.1	0.12	mg/Kg	1	☼	6020B	Total/NA
Calcium	1640		107	10.4	mg/Kg	1	☼	6020B	Total/NA
Chromium	13.7		2.1	0.32	mg/Kg	1	☼	6020B	Total/NA
Cobalt	5.6		1.1	0.16	mg/Kg	1	☼	6020B	Total/NA
Copper	42.1		2.1	0.39	mg/Kg	1	☼	6020B	Total/NA
Iron	19400		64.3	8.2	mg/Kg	1	☼	6020B	Total/NA
Lead	51.8		0.64	0.21	mg/Kg	1	☼	6020B	Total/NA
Magnesium	2460		107	10.9	mg/Kg	1	☼	6020B	Total/NA
Manganese	228		4.3	0.43	mg/Kg	1	☼	6020B	Total/NA
Nickel	12.0		2.1	0.19	mg/Kg	1	☼	6020B	Total/NA
Potassium	889		107	17.4	mg/Kg	1	☼	6020B	Total/NA
Selenium	0.32	J	1.3	0.14	mg/Kg	1	☼	6020B	Total/NA
Silver	0.27	J	0.43	0.095	mg/Kg	1	☼	6020B	Total/NA
Sodium	76.6	J	107	49.0	mg/Kg	1	☼	6020B	Total/NA
Thallium	0.079	J	0.43	0.044	mg/Kg	1	☼	6020B	Total/NA
Vanadium	23.4		2.1	0.22	mg/Kg	1	☼	6020B	Total/NA
Zinc	65.1		8.6	1.2	mg/Kg	1	☼	6020B	Total/NA
Mercury	0.047		0.017	0.0080	mg/Kg	1	☼	7471B	Total/NA

Client Sample ID: 58A1_1-2 — Lab Sample ID: 460-335806-21

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Methylene Chloride	0.0054		0.0029	0.0017	mg/Kg	1	☼	8260D	Total/NA

Client Sample ID: 58A2_2-3 — Lab Sample ID: 460-335806-22

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Methylene Chloride	0.0048		0.0034	0.0019	mg/Kg	1	☼	8260D	Total/NA

Client Sample ID: 58A3_3-4 — Lab Sample ID: 460-335806-23

No Detections.

Client Sample ID: 58A1_5-6 — Lab Sample ID: 460-335806-24

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Methylene Chloride	0.0018	J	0.0022	0.0013	mg/Kg	1	☼	8260D	Total/NA

Client Sample ID: 58A2_6-7 — Lab Sample ID: 460-335806-25

No Detections.

Client Sample ID: 58A3_7-8 — Lab Sample ID: 460-335806-26

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Methylene Chloride	0.0022		0.0019	0.0011	mg/Kg	1	☼	8260D	Total/NA

Client Sample ID: 58A2_9-10 — Lab Sample ID: 460-335806-27

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Methylene Chloride	0.0016	J	0.0022	0.0012	mg/Kg	1	☼	8260D	Total/NA

This Detection Summary does not include radiochemical test results.

Detection Summary

Client: Haley & Aldrich, Inc.
Project/Site: Former Port Mobil

Job ID: 460-335806-1

Client Sample ID: 58B1_0-1 — Lab Sample ID: 460-335806-28

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Methylene Chloride	0.0036		0.0028	0.0016	mg/Kg	1	☼	8260D	Total/NA

Client Sample ID: 58B2_2-3 — Lab Sample ID: 460-335806-29

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Methylene Chloride	0.0030		0.0025	0.0014	mg/Kg	1	☼	8260D	Total/NA

Client Sample ID: 58B2_3-4 — Lab Sample ID: 460-335806-30

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Methylene Chloride	0.0026	J	0.0037	0.0021	mg/Kg	1	☼	8260D	Total/NA

Client Sample ID: 58B1_4-5 — Lab Sample ID: 460-335806-31

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Methylene Chloride	0.0035		0.0035	0.0020	mg/Kg	1	☼	8260D	Total/NA

Client Sample ID: 58B2_5-6 — Lab Sample ID: 460-335806-32

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Methylene Chloride	0.0050		0.0030	0.0017	mg/Kg	1	☼	8260D	Total/NA

Client Sample ID: 58B3_7-8 — Lab Sample ID: 460-335806-33

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Methylene Chloride	0.0031		0.0025	0.0015	mg/Kg	1	☼	8260D	Total/NA

Client Sample ID: 58B2_9-10 — Lab Sample ID: 460-335806-34

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Methylene Chloride	0.0025		0.0023	0.0013	mg/Kg	1	☼	8260D	Total/NA

Client Sample ID: 58C3_1-2 — Lab Sample ID: 460-335806-35

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Methylene Chloride	0.0012	J	0.0021	0.0012	mg/Kg	1	☼	8260D	Total/NA

Client Sample ID: 58C2_2-3 — Lab Sample ID: 460-335806-36

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Acetone	0.0055		0.0054	0.0052	mg/Kg	1	☼	8260D	Total/NA

Client Sample ID: 58C1_3-4 — Lab Sample ID: 460-335806-37

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Methylene Chloride	0.0037	J	0.0043	0.0025	mg/Kg	1	☼	8260D	Total/NA

Client Sample ID: 58C3_5-6 — Lab Sample ID: 460-335806-38

No Detections.

Client Sample ID: 58C2_6-7 — Lab Sample ID: 460-335806-39

No Detections.

Client Sample ID: 58C1_7-8 — Lab Sample ID: 460-335806-40

No Detections.

This Detection Summary does not include radiochemical test results.

Eurofins Edison

Detection Summary

Client: Haley & Aldrich, Inc.
Project/Site: Former Port Mobil

Job ID: 460-335806-1

Client Sample ID: 58C3_8-9 — Lab Sample ID: 460-335806-41

No Detections.

Client Sample ID: 58D1_1-2 — Lab Sample ID: 460-335806-42

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Methylene Chloride	0.0035		0.0033	0.0019	mg/Kg	1	☼	8260D	Total/NA

Client Sample ID: 58D2_2-3 — Lab Sample ID: 460-335806-43

No Detections.

Client Sample ID: 58D3_4-5 — Lab Sample ID: 460-335806-44

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Methylene Chloride	0.0054		0.0041	0.0023	mg/Kg	1	☼	8260D	Total/NA

Client Sample ID: 58D1_5-6 — Lab Sample ID: 460-335806-45

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Methylene Chloride	0.0034		0.0028	0.0016	mg/Kg	1	☼	8260D	Total/NA

Client Sample ID: 58D2_6-7 — Lab Sample ID: 460-335806-46

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Methylene Chloride	0.0043		0.0030	0.0017	mg/Kg	1	☼	8260D	Total/NA

Client Sample ID: 58D3_8-9 — Lab Sample ID: 460-335806-47

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Methylene Chloride	0.0040		0.0025	0.0014	mg/Kg	1	☼	8260D	Total/NA

Client Sample ID: 58D3_9-10 — Lab Sample ID: 460-335806-48

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Methylene Chloride	0.0028	J	0.0036	0.0021	mg/Kg	1	☼	8260D	Total/NA

Client Sample ID: 58E1_1-2 — Lab Sample ID: 460-335806-49

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Methylene Chloride	0.0016	J	0.0025	0.0014	mg/Kg	1	☼	8260D	Total/NA

Client Sample ID: 58E2_2-3 — Lab Sample ID: 460-335806-50

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Methylene Chloride	0.0035		0.0028	0.0016	mg/Kg	1	☼	8260D	Total/NA

Client Sample ID: 58E3_4-5 — Lab Sample ID: 460-335806-51

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Methylene Chloride	0.0029		0.0025	0.0014	mg/Kg	1	☼	8260D	Total/NA

Client Sample ID: 58E1_5-6 — Lab Sample ID: 460-335806-52

No Detections.

Client Sample ID: 58E2_7-8 — Lab Sample ID: 460-335806-53

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Methylene Chloride	0.0021	J	0.0026	0.0015	mg/Kg	1	☼	8260D	Total/NA

This Detection Summary does not include radiochemical test results.

Eurofins Edison

Detection Summary

Client: Haley & Aldrich, Inc.
Project/Site: Former Port Mobil

Job ID: 460-335806-1

Client Sample ID: 58E3_8-9 — Lab Sample ID: 460-335806-54

No Detections.

Client Sample ID: 58E2_9-10 — Lab Sample ID: 460-335806-55

No Detections.

Client Sample ID: 58F1_1-2 — Lab Sample ID: 460-335806-56

No Detections.

Client Sample ID: 58F2_3-4 — Lab Sample ID: 460-335806-57

No Detections.

Client Sample ID: 58F3_4-5 — Lab Sample ID: 460-335806-58

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Methylene Chloride	0.0018	J	0.0028	0.0016	mg/Kg	1	☼	8260D	Total/NA

Client Sample ID: 58F1_5-6 — Lab Sample ID: 460-335806-59

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Methylene Chloride	0.0028		0.0022	0.0013	mg/Kg	1	☼	8260D	Total/NA

Client Sample ID: 58F2_7-8 — Lab Sample ID: 460-335806-60

No Detections.

Client Sample ID: 58F3_8-9 — Lab Sample ID: 460-335806-61

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Methylene Chloride	0.0020		0.0020	0.0011	mg/Kg	1	☼	8260D	Total/NA

Client Sample ID: 58F1_9-10 — Lab Sample ID: 460-335806-62

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Methylene Chloride	0.0020		0.0019	0.0011	mg/Kg	1	☼	8260D	Total/NA

Client Sample ID: 58G1_1-2 — Lab Sample ID: 460-335806-63

No Detections.

Client Sample ID: 58G2_3-4 — Lab Sample ID: 460-335806-64

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Methylene Chloride	0.0013	J	0.0020	0.0011	mg/Kg	1	☼	8260D	Total/NA

Client Sample ID: 58G3_4-5 — Lab Sample ID: 460-335806-65

No Detections.

Client Sample ID: 58G1_5-6 — Lab Sample ID: 460-335806-66

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Acetone	0.013		0.0046	0.0044	mg/Kg	1	☼	8260D	Total/NA
Methylene Chloride	0.0011	J	0.0015	0.00088	mg/Kg	1	☼	8260D	Total/NA

This Detection Summary does not include radiochemical test results.

Detection Summary

Client: Haley & Aldrich, Inc.
Project/Site: Former Port Mobil

Job ID: 460-335806-1

Client Sample ID: 58G2_7-8 — Lab Sample ID: 460-335806-67

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Methylene Chloride	0.0021	J	0.0022	0.0013	mg/Kg	1	☼	8260D	Total/NA

Client Sample ID: 58G3_9-10 — Lab Sample ID: 460-335806-68

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Methylene Chloride	0.0030		0.0018	0.0010	mg/Kg	1	☼	8260D	Total/NA

Client Sample ID: 58G3_6-7 — Lab Sample ID: 460-335806-69

No Detections.

Client Sample ID: 58H1_2-3 — Lab Sample ID: 460-335806-70

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Methylene Chloride	0.0055		0.0034	0.0019	mg/Kg	1	☼	8260D	Total/NA

Client Sample ID: 58H2_3-4 — Lab Sample ID: 460-335806-71

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Methylene Chloride	0.0032		0.0024	0.0014	mg/Kg	1	☼	8260D	Total/NA

Client Sample ID: 58H3_1-2 — Lab Sample ID: 460-335806-72

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Methylene Chloride	0.0048		0.0025	0.0014	mg/Kg	1	☼	8260D	Total/NA

Client Sample ID: 58H1_5-6 — Lab Sample ID: 460-335806-73

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Methylene Chloride	0.0034		0.0021	0.0012	mg/Kg	1	☼	8260D	Total/NA

Client Sample ID: 58H2_6-7 — Lab Sample ID: 460-335806-74

No Detections.

Client Sample ID: 58H3_7-8 — Lab Sample ID: 460-335806-75

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Methylene Chloride	0.0037		0.0022	0.0013	mg/Kg	1	☼	8260D	Total/NA

Client Sample ID: 58H1_9-10 — Lab Sample ID: 460-335806-76

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Methylene Chloride	0.0020		0.0019	0.0011	mg/Kg	1	☼	8260D	Total/NA

Client Sample ID: 58I2_0-1 — Lab Sample ID: 460-335806-77

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Methylene Chloride	0.0018	J	0.0020	0.0011	mg/Kg	1	☼	8260D	Total/NA

Client Sample ID: 58I1_1-2 — Lab Sample ID: 460-335806-78

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Methylene Chloride	0.0035		0.0020	0.0011	mg/Kg	1	☼	8260D	Total/NA

This Detection Summary does not include radiochemical test results.

Detection Summary

Client: Haley & Aldrich, Inc.
Project/Site: Former Port Mobil

Job ID: 460-335806-1

Client Sample ID: 58I3_3-4 — Lab Sample ID: 460-335806-79

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Methylene Chloride	0.0019	J	0.0020	0.0011	mg/Kg	1	☼	8260D	Total/NA

Client Sample ID: 58I2_4-5 — Lab Sample ID: 460-335806-80

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Methylene Chloride	0.0020		0.0020	0.0011	mg/Kg	1	☼	8260D	Total/NA

Client Sample ID: 58I3_5-6 — Lab Sample ID: 460-335806-81

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Methylene Chloride	0.0033		0.0028	0.0016	mg/Kg	1	☼	8260D	Total/NA

Client Sample ID: 58I1_7-8 — Lab Sample ID: 460-335806-82

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Methylene Chloride	0.0027		0.0021	0.0012	mg/Kg	1	☼	8260D	Total/NA

Client Sample ID: 58I2_9-10 — Lab Sample ID: 460-335806-83

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Methylene Chloride	0.0014	J	0.0017	0.00096	mg/Kg	1	☼	8260D	Total/NA

Client Sample ID: 58J1_1-2 — Lab Sample ID: 460-335806-84

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Methylene Chloride	0.0051		0.0036	0.0020	mg/Kg	1	☼	8260D	Total/NA

Client Sample ID: 58J2_2-3 — Lab Sample ID: 460-335806-85

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Methylene Chloride	0.0031	J	0.0034	0.0019	mg/Kg	1	☼	8260D	Total/NA

Client Sample ID: 58J3_3-4 — Lab Sample ID: 460-335806-86

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Methylene Chloride	0.0043		0.0027	0.0016	mg/Kg	1	☼	8260D	Total/NA

Client Sample ID: 58J1_5-6 — Lab Sample ID: 460-335806-87

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Methylene Chloride	0.0035	J	0.0037	0.0021	mg/Kg	1	☼	8260D	Total/NA

Client Sample ID: 58J2_6-7 — Lab Sample ID: 460-335806-88

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Methylene Chloride	0.0059		0.0032	0.0018	mg/Kg	1	☼	8260D	Total/NA

Client Sample ID: 58J3_7-8 — Lab Sample ID: 460-335806-89

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Methylene Chloride	0.0030		0.0023	0.0013	mg/Kg	1	☼	8260D	Total/NA

Client Sample ID: 58J1_8-9 — Lab Sample ID: 460-335806-90

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Methylene Chloride	0.0014	J	0.0021	0.0012	mg/Kg	1	☼	8260D	Total/NA

This Detection Summary does not include radiochemical test results.

Client: Haley & Aldrich, Inc.
Project/Site: Former Port Mobil

Job ID: 460-335806-1

Client Sample ID: 58A_0-5
Date Collected: 09/26/25 08:00
Date Received: 09/26/25 16:20

Lab Sample ID: 460-335806-1
Matrix: Solid
Percent Solids: 92.5

Method: SW846 8270E - Semivolatile Organic Compounds (GC/MS)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1'-Biphenyl	0.36	U	0.36	0.012	mg/Kg	☼	09/27/25 15:56	09/28/25 07:22	1
1,2,4,5-Tetrachlorobenzene	0.36	U	0.36	0.011	mg/Kg	☼	09/27/25 15:56	09/28/25 07:22	1
1,4-Dioxane	0.036	U	0.036	0.031	mg/Kg	☼	09/27/25 15:56	09/28/25 07:22	1
2,2'-oxybis[1-chloropropane]	0.36	U	0.36	0.021	mg/Kg	☼	09/27/25 15:56	09/28/25 07:22	1
2,3,4,6-Tetrachlorophenol	0.36	U	0.36	0.024	mg/Kg	☼	09/27/25 15:56	09/28/25 07:22	1
2,4,5-Trichlorophenol	0.36	U	0.36	0.036	mg/Kg	☼	09/27/25 15:56	09/28/25 07:22	1
2,4,6-Trichlorophenol	0.14	U	0.14	0.046	mg/Kg	☼	09/27/25 15:56	09/28/25 07:22	1
2,4-Dichlorophenol	0.14	U	0.14	0.023	mg/Kg	☼	09/27/25 15:56	09/28/25 07:22	1
2,4-Dimethylphenol	0.36	U	0.36	0.043	mg/Kg	☼	09/27/25 15:56	09/28/25 07:22	1
2,4-Dinitrophenol	0.29	U	0.29	0.18	mg/Kg	☼	09/27/25 15:56	09/28/25 07:22	1
2,4-Dinitrotoluene	0.072	U	0.072	0.038	mg/Kg	☼	09/27/25 15:56	09/28/25 07:22	1
2,6-Dinitrotoluene	0.072	U	0.072	0.026	mg/Kg	☼	09/27/25 15:56	09/28/25 07:22	1
2-Chloronaphthalene	0.36	U	0.36	0.046	mg/Kg	☼	09/27/25 15:56	09/28/25 07:22	1
2-Chlorophenol	0.36	U	0.36	0.013	mg/Kg	☼	09/27/25 15:56	09/28/25 07:22	1
2-Methylnaphthalene	0.36	U	0.36	0.010	mg/Kg	☼	09/27/25 15:56	09/28/25 07:22	1
2-Methylphenol	0.36	U	0.36	0.013	mg/Kg	☼	09/27/25 15:56	09/28/25 07:22	1
2-Nitroaniline	0.36	U	0.36	0.027	mg/Kg	☼	09/27/25 15:56	09/28/25 07:22	1
2-Nitrophenol	0.36	U	0.36	0.036	mg/Kg	☼	09/27/25 15:56	09/28/25 07:22	1
3 & 4 Methylphenol	0.36	U	0.36	0.022	mg/Kg	☼	09/27/25 15:56	09/28/25 07:22	1
3,3'-Dichlorobenzidine	0.14	U	0.14	0.054	mg/Kg	☼	09/27/25 15:56	09/28/25 07:22	1
3-Nitroaniline	0.36	U	0.36	0.085	mg/Kg	☼	09/27/25 15:56	09/28/25 07:22	1
4,6-Dinitro-2-methylphenol	0.29	U	0.29	0.15	mg/Kg	☼	09/27/25 15:56	09/28/25 07:22	1
4-Bromophenyl phenyl ether	0.36	U	0.36	0.014	mg/Kg	☼	09/27/25 15:56	09/28/25 07:22	1
4-Chloro-3-methylphenol	0.36	U	0.36	0.020	mg/Kg	☼	09/27/25 15:56	09/28/25 07:22	1
4-Chloroaniline	0.36	U	0.36	0.063	mg/Kg	☼	09/27/25 15:56	09/28/25 07:22	1
4-Chlorophenyl phenyl ether	0.36	U	0.36	0.013	mg/Kg	☼	09/27/25 15:56	09/28/25 07:22	1
4-Methylphenol	0.36	U	0.36	0.022	mg/Kg	☼	09/27/25 15:56	09/28/25 07:22	1
4-Nitroaniline	0.36	U	0.36	0.090	mg/Kg	☼	09/27/25 15:56	09/28/25 07:22	1
4-Nitrophenol	0.72	U	0.72	0.058	mg/Kg	☼	09/27/25 15:56	09/28/25 07:22	1
Acenaphthene	0.36	U	0.36	0.010	mg/Kg	☼	09/27/25 15:56	09/28/25 07:22	1
Acenaphthylene	0.36	U	0.36	0.010	mg/Kg	☼	09/27/25 15:56	09/28/25 07:22	1
Acetophenone	0.36	U	0.36	0.017	mg/Kg	☼	09/27/25 15:56	09/28/25 07:22	1
Anthracene	0.36	U	0.36	0.011	mg/Kg	☼	09/27/25 15:56	09/28/25 07:22	1
Atrazine	0.14	U	0.14	0.021	mg/Kg	☼	09/27/25 15:56	09/28/25 07:22	1
Benzaldehyde	0.36	U	0.36	0.059	mg/Kg	☼	09/27/25 15:56	09/28/25 07:22	1
Benzo[a]anthracene	0.036	U	0.036	0.027	mg/Kg	☼	09/27/25 15:56	09/28/25 07:22	1
Benzo[a]pyrene	0.036	U	0.036	0.0095	mg/Kg	☼	09/27/25 15:56	09/28/25 07:22	1
Benzo[b]fluoranthene	0.036	U	0.036	0.0092	mg/Kg	☼	09/27/25 15:56	09/28/25 07:22	1
Benzo[g,h,i]perylene	0.36	U	0.36	0.011	mg/Kg	☼	09/27/25 15:56	09/28/25 07:22	1
Benzo[k]fluoranthene	0.036	U	0.036	0.0070	mg/Kg	☼	09/27/25 15:56	09/28/25 07:22	1
Bis(2-chloroethoxy)methane	0.36	U	0.36	0.066	mg/Kg	☼	09/27/25 15:56	09/28/25 07:22	1
Bis(2-chloroethyl)ether	0.036	U	0.036	0.012	mg/Kg	☼	09/27/25 15:56	09/28/25 07:22	1
Bis(2-ethylhexyl) phthalate	0.36	U	0.36	0.019	mg/Kg	☼	09/27/25 15:56	09/28/25 07:22	1
Butyl benzyl phthalate	0.36	U	0.36	0.017	mg/Kg	☼	09/27/25 15:56	09/28/25 07:22	1
Caprolactam	0.36	U	0.36	0.055	mg/Kg	☼	09/27/25 15:56	09/28/25 07:22	1
Carbazole	0.36	U	0.36	0.014	mg/Kg	☼	09/27/25 15:56	09/28/25 07:22	1
Chrysene	0.36	U	0.36	0.015	mg/Kg	☼	09/27/25 15:56	09/28/25 07:22	1
Dibenz(a,h)anthracene	0.036	U	0.036	0.015	mg/Kg	☼	09/27/25 15:56	09/28/25 07:22	1
Dibenzofuran	0.36	U	0.36	0.012	mg/Kg	☼	09/27/25 15:56	09/28/25 07:22	1

Client Sample ID: 58A_0-5
Date Collected: 09/26/25 08:00
Date Received: 09/26/25 16:20

Lab Sample ID: 460-335806-1
Matrix: Solid
Percent Solids: 92.5

Method: SW846 8270E - Semivolatile Organic Compounds (GC/MS) (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Diethyl phthalate	0.36	U	0.36	0.011	mg/Kg	☼	09/27/25 15:56	09/28/25 07:22	1
Dimethyl phthalate	0.36	U	0.36	0.081	mg/Kg	☼	09/27/25 15:56	09/28/25 07:22	1
Di-n-butyl phthalate	0.36	U	0.36	0.013	mg/Kg	☼	09/27/25 15:56	09/28/25 07:22	1
Di-n-octyl phthalate	0.36	U	0.36	0.019	mg/Kg	☼	09/27/25 15:56	09/28/25 07:22	1
Fluoranthene	0.36	U	0.36	0.012	mg/Kg	☼	09/27/25 15:56	09/28/25 07:22	1
Fluorene	0.36	U	0.36	0.010	mg/Kg	☼	09/27/25 15:56	09/28/25 07:22	1
Hexachlorobenzene	0.036	U	0.036	0.017	mg/Kg	☼	09/27/25 15:56	09/28/25 07:22	1
Hexachlorobutadiene	0.072	U	0.072	0.0076	mg/Kg	☼	09/27/25 15:56	09/28/25 07:22	1
Hexachlorocyclopentadiene	0.36	U	0.36	0.031	mg/Kg	☼	09/27/25 15:56	09/28/25 07:22	1
Hexachloroethane	0.036	U	0.036	0.012	mg/Kg	☼	09/27/25 15:56	09/28/25 07:22	1
Indeno[1,2,3-cd]pyrene	0.036	U	0.036	0.014	mg/Kg	☼	09/27/25 15:56	09/28/25 07:22	1
Isophorone	0.14	U	0.14	0.10	mg/Kg	☼	09/27/25 15:56	09/28/25 07:22	1
Naphthalene	0.36	U	0.36	0.0062	mg/Kg	☼	09/27/25 15:56	09/28/25 07:22	1
Nitrobenzene	0.036	U	0.036	0.020	mg/Kg	☼	09/27/25 15:56	09/28/25 07:22	1
N-Nitrosodi-n-propylamine	0.036	U	0.036	0.026	mg/Kg	☼	09/27/25 15:56	09/28/25 07:22	1
N-Nitrosodiphenylamine	0.36	U	0.36	0.029	mg/Kg	☼	09/27/25 15:56	09/28/25 07:22	1
Pentachlorophenol	0.29	U	0.29	0.073	mg/Kg	☼	09/27/25 15:56	09/28/25 07:22	1
Phenanthrene	0.36	U	0.36	0.015	mg/Kg	☼	09/27/25 15:56	09/28/25 07:22	1
Phenol	0.36	U	0.36	0.013	mg/Kg	☼	09/27/25 15:56	09/28/25 07:22	1
Pyrene	0.36	U	0.36	0.0089	mg/Kg	☼	09/27/25 15:56	09/28/25 07:22	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
2,4,6-Tribromophenol (Surr)	*62*		*18 - 137*	*09/27/25 15:56*	*09/28/25 07:22*	*1*
2-Fluorobiphenyl	*59*		*33 - 117*	*09/27/25 15:56*	*09/28/25 07:22*	*1*
2-Fluorophenol (Surr)	*62*		*24 - 120*	*09/27/25 15:56*	*09/28/25 07:22*	*1*
Nitrobenzene-d5 (Surr)	*62*		*27 - 120*	*09/27/25 15:56*	*09/28/25 07:22*	*1*
Phenol-d5 (Surr)	*63*		*28 - 118*	*09/27/25 15:56*	*09/28/25 07:22*	*1*
Terphenyl-d14 (Surr)	*65*		*33 - 124*	*09/27/25 15:56*	*09/28/25 07:22*	*1*

Method: SW846 8081B - Organochlorine Pesticides (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
4,4'-DDD	0.0072	U	0.0072	0.0012	mg/Kg	☼	09/27/25 19:17	09/28/25 15:26	1
4,4'-DDE	0.0072	U	0.0072	0.00085	mg/Kg	☼	09/27/25 19:17	09/28/25 15:26	1
4,4'-DDT	0.0072	U	0.0072	0.0013	mg/Kg	☼	09/27/25 19:17	09/28/25 15:26	1
Aldrin	0.0072	U	0.0072	0.0011	mg/Kg	☼	09/27/25 19:17	09/28/25 15:26	1
alpha-BHC	0.0022	U	0.0022	0.00074	mg/Kg	☼	09/27/25 19:17	09/28/25 15:26	1
beta-BHC	0.0022	U	0.0022	0.00081	mg/Kg	☼	09/27/25 19:17	09/28/25 15:26	1
Chlordane (technical)	0.072	U	0.072	0.018	mg/Kg	☼	09/27/25 19:17	09/28/25 15:26	1
cis-Chlordane	0.0072	U	0.0072	0.0011	mg/Kg	☼	09/27/25 19:17	09/28/25 15:26	1
delta-BHC	0.0022	U	0.0022	0.00044	mg/Kg	☼	09/27/25 19:17	09/28/25 15:26	1
Dieldrin	0.0022	U	0.0022	0.00094	mg/Kg	☼	09/27/25 19:17	09/28/25 15:26	1
Endosulfan I	0.0072	U	0.0072	0.0011	mg/Kg	☼	09/27/25 19:17	09/28/25 15:26	1
Endosulfan II	0.0072	U	0.0072	0.0019	mg/Kg	☼	09/27/25 19:17	09/28/25 15:26	1
Endosulfan sulfate	0.0072	U	0.0072	0.00091	mg/Kg	☼	09/27/25 19:17	09/28/25 15:26	1
Endrin	0.0072	U	0.0072	0.0010	mg/Kg	☼	09/27/25 19:17	09/28/25 15:26	1
Endrin aldehyde	0.0072	U	0.0072	0.0017	mg/Kg	☼	09/27/25 19:17	09/28/25 15:26	1
Endrin ketone	0.0072	U	0.0072	0.0014	mg/Kg	☼	09/27/25 19:17	09/28/25 15:26	1
gamma-BHC (Lindane)	0.0022	U	0.0022	0.00067	mg/Kg	☼	09/27/25 19:17	09/28/25 15:26	1
Heptachlor	0.0072	U	0.0072	0.00085	mg/Kg	☼	09/27/25 19:17	09/28/25 15:26	1
Heptachlor epoxide	0.0072	U	0.0072	0.0011	mg/Kg	☼	09/27/25 19:17	09/28/25 15:26	1

Client Sample ID: 58A_0-5
Date Collected: 09/26/25 08:00
Date Received: 09/26/25 16:20

Lab Sample ID: 460-335806-1
Matrix: Solid
Percent Solids: 92.5

Method: SW846 8081B - Organochlorine Pesticides (GC) (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Methoxychlor	0.0072	U	0.0072	0.0017	mg/Kg	☼	09/27/25 19:17	09/28/25 15:26	1
Toxaphene	0.072	U	0.072	0.026	mg/Kg	☼	09/27/25 19:17	09/28/25 15:26	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
DCB Decachlorobiphenyl	*89*		*10 - 150*	*09/27/25 19:17*	*09/28/25 15:26*	*1*
DCB Decachlorobiphenyl	*101*		*10 - 150*	*09/27/25 19:17*	*09/28/25 15:26*	*1*
Tetrachloro-m-xylene	*61*		*14 - 150*	*09/27/25 19:17*	*09/28/25 15:26*	*1*
Tetrachloro-m-xylene	*61*		*14 - 150*	*09/27/25 19:17*	*09/28/25 15:26*	*1*

Method: SW846 8082A - Polychlorinated Biphenyls (PCBs) by Gas Chromatography

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Aroclor 1016	0.072	U	0.072	0.019	mg/Kg	☼	09/27/25 19:15	09/28/25 10:02	1
Aroclor 1221	0.072	U	0.072	0.019	mg/Kg	☼	09/27/25 19:15	09/28/25 10:02	1
Aroclor 1232	0.072	U	0.072	0.019	mg/Kg	☼	09/27/25 19:15	09/28/25 10:02	1
Aroclor 1242	0.072	U	0.072	0.019	mg/Kg	☼	09/27/25 19:15	09/28/25 10:02	1
Aroclor 1248	0.072	U	0.072	0.019	mg/Kg	☼	09/27/25 19:15	09/28/25 10:02	1
Aroclor 1254	0.072	U	0.072	0.019	mg/Kg	☼	09/27/25 19:15	09/28/25 10:02	1
Aroclor 1260	0.072	U	0.072	0.019	mg/Kg	☼	09/27/25 19:15	09/28/25 10:02	1
Aroclor-1262	0.072	U	0.072	0.019	mg/Kg	☼	09/27/25 19:15	09/28/25 10:02	1
Aroclor 1268	0.072	U	0.072	0.019	mg/Kg	☼	09/27/25 19:15	09/28/25 10:02	1
Polychlorinated biphenyls, Total	0.072	U	0.072	0.019	mg/Kg	☼	09/27/25 19:15	09/28/25 10:02	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
DCB Decachlorobiphenyl	*108*		*10 - 150*	*09/27/25 19:15*	*09/28/25 10:02*	*1*
DCB Decachlorobiphenyl	*122*		*10 - 150*	*09/27/25 19:15*	*09/28/25 10:02*	*1*
Tetrachloro-m-xylene	*71*		*10 - 150*	*09/27/25 19:15*	*09/28/25 10:02*	*1*
Tetrachloro-m-xylene	*70*		*10 - 150*	*09/27/25 19:15*	*09/28/25 10:02*	*1*

Method: EPA 1633A - Per- and Polyfluoroalkyl Substances by LC/MS/MS, 1633A

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Perfluorobutanoic acid (PFBA)	0.40	U	0.40	0.099	ug/Kg	☼	10/04/25 05:49	10/05/25 22:46	1
Perfluoropentanoic acid (PFPeA)	0.20	U	0.20	0.099	ug/Kg	☼	10/04/25 05:49	10/05/25 22:46	1
Perfluorohexanoic acid (PFHxA)	0.20	U	0.20	0.099	ug/Kg	☼	10/04/25 05:49	10/05/25 22:46	1
Perfluoroheptanoic acid (PFHpA)	0.20	U	0.20	0.099	ug/Kg	☼	10/04/25 05:49	10/05/25 22:46	1
Perfluorooctanoic acid (PFOA)	0.20	U	0.20	0.059	ug/Kg	☼	10/04/25 05:49	10/05/25 22:46	1
Perfluorononanoic acid (PFNA)	0.20	U	0.20	0.099	ug/Kg	☼	10/04/25 05:49	10/05/25 22:46	1
Perfluorodecanoic acid (PFDA)	**0.20**		0.20	0.059	ug/Kg	☼	10/04/25 05:49	10/05/25 22:46	1
Perfluoroundecanoic acid (PFUnA)	**1.54**		0.20	0.099	ug/Kg	☼	10/04/25 05:49	10/05/25 22:46	1
Perfluorododecanoic acid (PFDoA)	**0.13**	**J**	0.20	0.099	ug/Kg	☼	10/04/25 05:49	10/05/25 22:46	1
Perfluorotridecanoic acid (PFTrDA)	**0.41**		0.20	0.099	ug/Kg	☼	10/04/25 05:49	10/05/25 22:46	1
Perfluorotetradecanoic acid (PFTeDA)	0.20	U	0.20	0.099	ug/Kg	☼	10/04/25 05:49	10/05/25 22:46	1
Perfluorobutanesulfonic acid (PFBS)	0.20	U	0.20	0.099	ug/Kg	☼	10/04/25 05:49	10/05/25 22:46	1
Perfluoropentanesulfonic acid (PFPeS)	0.20	U	0.20	0.099	ug/Kg	☼	10/04/25 05:49	10/05/25 22:46	1
Perfluorohexanesulfonic acid (PFHxS)	0.20	U	0.20	0.099	ug/Kg	☼	10/04/25 05:49	10/05/25 22:46	1
Perfluoroheptanesulfonic acid (PFHpS)	0.20	U	0.20	0.099	ug/Kg	☼	10/04/25 05:49	10/05/25 22:46	1
Perfluorooctanesulfonic acid (PFOS)	0.20	U	0.20	0.099	ug/Kg	☼	10/04/25 05:49	10/05/25 22:46	1
Perfluorononanesulfonic acid (PFNS)	0.20	U	0.20	0.099	ug/Kg	☼	10/04/25 05:49	10/05/25 22:46	1

Client Sample ID: 58A_0-5
Date Collected: 09/26/25 08:00
Date Received: 09/26/25 16:20

Lab Sample ID: 460-335806-1
Matrix: Solid
Percent Solids: 92.5

Method: EPA 1633A - Per- and Polyfluoroalkyl Substances by LC/MS/MS, 1633A (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Perfluorodecanesulfonic acid (PFDS)	0.20	U *	0.20	0.099	ug/Kg	☼	10/04/25 05:49	10/05/25 22:46	1
Perfluorododecanesulfonic acid (PFDoS)	0.20	U *	0.20	0.099	ug/Kg	☼	10/04/25 05:49	10/05/25 22:46	1
1H,1H,2H,2H-Perfluorohexane sulfonic acid (4:2 FTS)	0.40	U	0.40	0.20	ug/Kg	☼	10/04/25 05:49	10/05/25 22:46	1
1H,1H,2H,2H-Perfluorooctane sulfonic acid (6:2 FTS)	0.40	U	0.40	0.20	ug/Kg	☼	10/04/25 05:49	10/05/25 22:46	1
1H,1H,2H,2H-Perfluorodecane sulfonic acid (8:2 FTS)	0.40	U	0.40	0.20	ug/Kg	☼	10/04/25 05:49	10/05/25 22:46	1
Perfluorooctanesulfonamide (PFOSA)	0.20	U	0.20	0.099	ug/Kg	☼	10/04/25 05:49	10/05/25 22:46	1
N-methylperfluorooctane sulfonamide (NMeFOSA)	0.20	U	0.20	0.099	ug/Kg	☼	10/04/25 05:49	10/05/25 22:46	1
N-ethylperfluorooctane sulfonamide (NEtFOSA)	0.20	U	0.20	0.099	ug/Kg	☼	10/04/25 05:49	10/05/25 22:46	1
N-methylperfluorooctanesulfonamidoacetic acid (NMeFOSAA)	0.20	U	0.20	0.099	ug/Kg	☼	10/04/25 05:49	10/05/25 22:46	1
N-ethylperfluorooctanesulfonamidoacetic acid (NEtFOSAA)	0.20	U	0.20	0.099	ug/Kg	☼	10/04/25 05:49	10/05/25 22:46	1
N-methylperfluorooctane sulfonamidoethanol (NMeFOSE)	0.99	U	0.99	0.49	ug/Kg	☼	10/04/25 05:49	10/05/25 22:46	1
N-ethylperfluorooctane sulfonamidoethanol (NEtFOSE)	0.99	U	0.99	0.49	ug/Kg	☼	10/04/25 05:49	10/05/25 22:46	1
Hexafluoropropylene Oxide Dimer Acid (HFPO-DA)	0.20	U	0.20	0.099	ug/Kg	☼	10/04/25 05:49	10/05/25 22:46	1
4,8-Dioxa-3H-perfluorononanoic acid (ADONA)	0.20	U	0.20	0.099	ug/Kg	☼	10/04/25 05:49	10/05/25 22:46	1
Perfluoro-3-methoxypropanoic acid (PFMPA)	0.20	U	0.20	0.099	ug/Kg	☼	10/04/25 05:49	10/05/25 22:46	1
Perfluoro-4-methoxybutanoic acid (PFMBA)	0.20	U	0.20	0.099	ug/Kg	☼	10/04/25 05:49	10/05/25 22:46	1
Nonafluoro-3,6-dioxaheptanoic acid (NFDHA)	0.20	U	0.20	0.099	ug/Kg	☼	10/04/25 05:49	10/05/25 22:46	1
9-Chlorohexadecafluoro-3-oxanonane-1-sulfonic acid (9Cl-PF3ONS)	0.20	U	0.20	0.099	ug/Kg	☼	10/04/25 05:49	10/05/25 22:46	1
11-Chloroeicosafluoro-3-oxaundecane-1-sulfonic acid (11Cl-PF3OUdS)	0.20	U *	0.20	0.099	ug/Kg	☼	10/04/25 05:49	10/05/25 22:46	1
Perfluoro (2-ethoxyethane) sulfonic acid (PFEESA)	0.20	U	0.20	0.099	ug/Kg	☼	10/04/25 05:49	10/05/25 22:46	1
3-Perfluoropropylpropanoic acid (3:3 FTCA)	0.40	U	0.40	0.20	ug/Kg	☼	10/04/25 05:49	10/05/25 22:46	1
3-Perfluoropentylpropanoic acid (5:3 FTCA)	0.99	U	0.99	0.49	ug/Kg	☼	10/04/25 05:49	10/05/25 22:46	1
3-Perfluoroheptylpropanoic acid (7:3 FTCA)	0.99	U	0.99	0.49	ug/Kg	☼	10/04/25 05:49	10/05/25 22:46	1

Isotope Dilution	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
13C4 PFBA	*118*		*8 - 130*	*10/04/25 05:49*	*10/05/25 22:46*	*1*
13C5 PFPeA	*113*		*35 - 130*	*10/04/25 05:49*	*10/05/25 22:46*	*1*
13C5 PFHxA	*111*		*40 - 130*	*10/04/25 05:49*	*10/05/25 22:46*	*1*
13C4 PFHpA	*109*		*40 - 130*	*10/04/25 05:49*	*10/05/25 22:46*	*1*
13C8 PFOA	*99.8*		*40 - 130*	*10/04/25 05:49*	*10/05/25 22:46*	*1*
13C9 PFNA	*94.7*		*40 - 130*	*10/04/25 05:49*	*10/05/25 22:46*	*1*
13C6 PFDA	*86.1*		*40 - 130*	*10/04/25 05:49*	*10/05/25 22:46*	*1*
13C7 PFUnA	*82.2*		*40 - 130*	*10/04/25 05:49*	*10/05/25 22:46*	*1*
13C2 PFTeDA	*63.1*		*20 - 130*	*10/04/25 05:49*	*10/05/25 22:46*	*1*

Client Sample ID: 58A_0-5

Date Collected: 09/26/25 08:00
Date Received: 09/26/25 16:20

Lab Sample ID: 460-335806-1

Matrix: Solid
Percent Solids: 92.5

Method: EPA 1633A - Per- and Polyfluoroalkyl Substances by LC/MS/MS, 1633A (Continued)

Isotope Dilution	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
13C3 PFBS	61.3		40 - 135	10/04/25 05:49	10/05/25 22:46	1
13C3 PFHxS	96.9		40 - 130	10/04/25 05:49	10/05/25 22:46	1
13C8 PFOS	91.2		40 - 130	10/04/25 05:49	10/05/25 22:46	1
13C8 FOSA	86.7		40 - 130	10/04/25 05:49	10/05/25 22:46	1
d3-NMeFOSAA	71.8		40 - 135	10/04/25 05:49	10/05/25 22:46	1
d5-NEtFOSAA	104		40 - 150	10/04/25 05:49	10/05/25 22:46	1
13C2 4:2 FTS	135		40 - 165	10/04/25 05:49	10/05/25 22:46	1
13C2 6:2 FTS	111		40 - 215	10/04/25 05:49	10/05/25 22:46	1
13C2 8:2 FTS	73.6		40 - 275	10/04/25 05:49	10/05/25 22:46	1
13C3 HFPO-DA	107		40 - 130	10/04/25 05:49	10/05/25 22:46	1
d7-N-MeFOSE-M	44.2		20 - 130	10/04/25 05:49	10/05/25 22:46	1
d9-N-EtFOSE-M	34.5		15 - 130	10/04/25 05:49	10/05/25 22:46	1
d5-NEtPFOSA	66.9		10 - 130	10/04/25 05:49	10/05/25 22:46	1
d3-NMePFOSA	74.7		10 - 130	10/04/25 05:49	10/05/25 22:46	1
13C2 PFDoA	77.0		40 - 130	10/04/25 05:49	10/05/25 22:46	1

Method: SW846 6020B - Metals (ICP/MS)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Aluminum	9400		19.7	5.4	mg/Kg	☼	10/03/25 07:27	10/03/25 21:35	1
Antimony	0.58	J	0.98	0.14	mg/Kg	☼	10/03/25 07:27	10/03/25 21:35	1
Arsenic	7.5		0.98	0.10	mg/Kg	☼	10/03/25 07:27	10/03/25 21:35	1
Barium	54.2		2.0	0.14	mg/Kg	☼	10/03/25 07:27	10/03/25 21:35	1
Beryllium	0.70		0.39	0.022	mg/Kg	☼	10/03/25 07:27	10/03/25 21:35	1
Cadmium	0.46	J	0.98	0.11	mg/Kg	☼	10/03/25 07:27	10/03/25 21:35	1
Calcium	6830		98.3	9.6	mg/Kg	☼	10/03/25 07:27	10/03/25 21:35	1
Chromium	17.9		2.0	0.29	mg/Kg	☼	10/03/25 07:27	10/03/25 21:35	1
Cobalt	6.1		0.98	0.15	mg/Kg	☼	10/03/25 07:27	10/03/25 21:35	1
Copper	55.8		2.0	0.36	mg/Kg	☼	10/03/25 07:27	10/03/25 21:35	1
Iron	20400		59.0	7.5	mg/Kg	☼	10/03/25 07:27	10/03/25 21:35	1
Lead	54.4		0.59	0.20	mg/Kg	☼	10/03/25 07:27	10/03/25 21:35	1
Magnesium	5600		98.3	10.0	mg/Kg	☼	10/03/25 07:27	10/03/25 21:35	1
Manganese	184		3.9	0.40	mg/Kg	☼	10/03/25 07:27	10/03/25 21:35	1
Nickel	14.0		2.0	0.17	mg/Kg	☼	10/03/25 07:27	10/03/25 21:35	1
Potassium	879		98.3	15.9	mg/Kg	☼	10/03/25 07:27	10/03/25 21:35	1
Selenium	0.29	J	1.2	0.13	mg/Kg	☼	10/03/25 07:27	10/03/25 21:35	1
Silver	0.45		0.39	0.088	mg/Kg	☼	10/03/25 07:27	10/03/25 21:35	1
Sodium	103		98.3	44.9	mg/Kg	☼	10/03/25 07:27	10/03/25 21:35	1
Thallium	0.10	J	0.39	0.040	mg/Kg	☼	10/03/25 07:27	10/03/25 21:35	1
Vanadium	33.1		2.0	0.20	mg/Kg	☼	10/03/25 07:27	10/03/25 21:35	1
Zinc	67.9		7.9	1.1	mg/Kg	☼	10/03/25 07:27	10/03/25 21:35	1

Method: SW846 7471B - Mercury (CVAA)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	0.040		0.017	0.0080	mg/Kg	☼	10/03/25 01:44	10/03/25 09:54	1

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Percent Moisture (EPA Moisture)	7.5		1.0	1.0	%			10/01/25 18:45	1
Percent Solids (EPA Moisture)	92.5		1.0	1.0	%			10/01/25 18:45	1

Client: Haley & Aldrich, Inc.
Project/Site: Former Port Mobil

Job ID: 460-335806-1

Client Sample ID: 58A_5-10
Date Collected: 09/26/25 08:05
Date Received: 09/26/25 16:20

Lab Sample ID: 460-335806-2
Matrix: Solid
Percent Solids: 89.8

Method: SW846 8270E - Semivolatile Organic Compounds (GC/MS)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1'-Biphenyl	0.37	U	0.37	0.013	mg/Kg	☼	09/27/25 15:56	09/28/25 08:36	1
1,2,4,5-Tetrachlorobenzene	0.37	U	0.37	0.011	mg/Kg	☼	09/27/25 15:56	09/28/25 08:36	1
1,4-Dioxane	0.037	U	0.037	0.032	mg/Kg	☼	09/27/25 15:56	09/28/25 08:36	1
2,2'-oxybis[1-chloropropane]	0.37	U	0.37	0.022	mg/Kg	☼	09/27/25 15:56	09/28/25 08:36	1
2,3,4,6-Tetrachlorophenol	0.37	U	0.37	0.025	mg/Kg	☼	09/27/25 15:56	09/28/25 08:36	1
2,4,5-Trichlorophenol	0.37	U	0.37	0.037	mg/Kg	☼	09/27/25 15:56	09/28/25 08:36	1
2,4,6-Trichlorophenol	0.15	U	0.15	0.047	mg/Kg	☼	09/27/25 15:56	09/28/25 08:36	1
2,4-Dichlorophenol	0.15	U	0.15	0.023	mg/Kg	☼	09/27/25 15:56	09/28/25 08:36	1
2,4-Dimethylphenol	0.37	U	0.37	0.044	mg/Kg	☼	09/27/25 15:56	09/28/25 08:36	1
2,4-Dinitrophenol	0.29	U	0.29	0.18	mg/Kg	☼	09/27/25 15:56	09/28/25 08:36	1
2,4-Dinitrotoluene	0.074	U	0.074	0.039	mg/Kg	☼	09/27/25 15:56	09/28/25 08:36	1
2,6-Dinitrotoluene	0.074	U	0.074	0.026	mg/Kg	☼	09/27/25 15:56	09/28/25 08:36	1
2-Chloronaphthalene	0.37	U	0.37	0.047	mg/Kg	☼	09/27/25 15:56	09/28/25 08:36	1
2-Chlorophenol	0.37	U	0.37	0.013	mg/Kg	☼	09/27/25 15:56	09/28/25 08:36	1
2-Methylnaphthalene	0.37	U	0.37	0.010	mg/Kg	☼	09/27/25 15:56	09/28/25 08:36	1
2-Methylphenol	0.37	U	0.37	0.014	mg/Kg	☼	09/27/25 15:56	09/28/25 08:36	1
2-Nitroaniline	0.37	U	0.37	0.028	mg/Kg	☼	09/27/25 15:56	09/28/25 08:36	1
2-Nitrophenol	0.37	U	0.37	0.037	mg/Kg	☼	09/27/25 15:56	09/28/25 08:36	1
3 & 4 Methylphenol	0.37	U	0.37	0.023	mg/Kg	☼	09/27/25 15:56	09/28/25 08:36	1
3,3'-Dichlorobenzidine	0.15	U	0.15	0.055	mg/Kg	☼	09/27/25 15:56	09/28/25 08:36	1
3-Nitroaniline	0.37	U	0.37	0.087	mg/Kg	☼	09/27/25 15:56	09/28/25 08:36	1
4,6-Dinitro-2-methylphenol	0.29	U	0.29	0.15	mg/Kg	☼	09/27/25 15:56	09/28/25 08:36	1
4-Bromophenyl phenyl ether	0.37	U	0.37	0.015	mg/Kg	☼	09/27/25 15:56	09/28/25 08:36	1
4-Chloro-3-methylphenol	0.37	U	0.37	0.021	mg/Kg	☼	09/27/25 15:56	09/28/25 08:36	1
4-Chloroaniline	0.37	U	0.37	0.065	mg/Kg	☼	09/27/25 15:56	09/28/25 08:36	1
4-Chlorophenyl phenyl ether	0.37	U	0.37	0.013	mg/Kg	☼	09/27/25 15:56	09/28/25 08:36	1
4-Methylphenol	0.37	U	0.37	0.023	mg/Kg	☼	09/27/25 15:56	09/28/25 08:36	1
4-Nitroaniline	0.37	U	0.37	0.093	mg/Kg	☼	09/27/25 15:56	09/28/25 08:36	1
4-Nitrophenol	0.74	U	0.74	0.060	mg/Kg	☼	09/27/25 15:56	09/28/25 08:36	1
Acenaphthene	0.37	U	0.37	0.010	mg/Kg	☼	09/27/25 15:56	09/28/25 08:36	1
Acenaphthylene	0.37	U	0.37	0.010	mg/Kg	☼	09/27/25 15:56	09/28/25 08:36	1
Acetophenone	0.37	U	0.37	0.018	mg/Kg	☼	09/27/25 15:56	09/28/25 08:36	1
Anthracene	0.37	U	0.37	0.011	mg/Kg	☼	09/27/25 15:56	09/28/25 08:36	1
Atrazine	0.15	U	0.15	0.022	mg/Kg	☼	09/27/25 15:56	09/28/25 08:36	1
Benzaldehyde	0.37	U	0.37	0.061	mg/Kg	☼	09/27/25 15:56	09/28/25 08:36	1
Benzo[a]anthracene	0.037	U	0.037	0.028	mg/Kg	☼	09/27/25 15:56	09/28/25 08:36	1
Benzo[a]pyrene	0.037	U	0.037	0.0098	mg/Kg	☼	09/27/25 15:56	09/28/25 08:36	1
Benzo[b]fluoranthene	0.037	U	0.037	0.0095	mg/Kg	☼	09/27/25 15:56	09/28/25 08:36	1
Benzo[g,h,i]perylene	0.37	U	0.37	0.011	mg/Kg	☼	09/27/25 15:56	09/28/25 08:36	1
Benzo[k]fluoranthene	0.037	U	0.037	0.0072	mg/Kg	☼	09/27/25 15:56	09/28/25 08:36	1
Bis(2-chloroethoxy)methane	0.37	U	0.37	0.068	mg/Kg	☼	09/27/25 15:56	09/28/25 08:36	1
Bis(2-chloroethyl)ether	0.037	U	0.037	0.013	mg/Kg	☼	09/27/25 15:56	09/28/25 08:36	1
Bis(2-ethylhexyl) phthalate	0.37	U	0.37	0.019	mg/Kg	☼	09/27/25 15:56	09/28/25 08:36	1
Butyl benzyl phthalate	0.37	U	0.37	0.017	mg/Kg	☼	09/27/25 15:56	09/28/25 08:36	1
Caprolactam	0.37	U	0.37	0.057	mg/Kg	☼	09/27/25 15:56	09/28/25 08:36	1
Carbazole	0.37	U	0.37	0.014	mg/Kg	☼	09/27/25 15:56	09/28/25 08:36	1
Chrysene	0.37	U	0.37	0.015	mg/Kg	☼	09/27/25 15:56	09/28/25 08:36	1
Dibenz(a,h)anthracene	0.037	U	0.037	0.016	mg/Kg	☼	09/27/25 15:56	09/28/25 08:36	1
Dibenzofuran	0.37	U	0.37	0.012	mg/Kg	☼	09/27/25 15:56	09/28/25 08:36	1

Client Sample ID: 58A_5-10
Date Collected: 09/26/25 08:05
Date Received: 09/26/25 16:20

Lab Sample ID: 460-335806-2
Matrix: Solid
Percent Solids: 89.8

Method: SW846 8270E - Semivolatile Organic Compounds (GC/MS) (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Diethyl phthalate	0.37	U	0.37	0.012	mg/Kg	☼	09/27/25 15:56	09/28/25 08:36	1
Dimethyl phthalate	0.37	U	0.37	0.083	mg/Kg	☼	09/27/25 15:56	09/28/25 08:36	1
Di-n-butyl phthalate	0.37	U	0.37	0.014	mg/Kg	☼	09/27/25 15:56	09/28/25 08:36	1
Di-n-octyl phthalate	0.37	U	0.37	0.019	mg/Kg	☼	09/27/25 15:56	09/28/25 08:36	1
Fluoranthene	0.37	U	0.37	0.013	mg/Kg	☼	09/27/25 15:56	09/28/25 08:36	1
Fluorene	0.37	U	0.37	0.011	mg/Kg	☼	09/27/25 15:56	09/28/25 08:36	1
Hexachlorobenzene	0.037	U	0.037	0.017	mg/Kg	☼	09/27/25 15:56	09/28/25 08:36	1
Hexachlorobutadiene	0.074	U	0.074	0.0078	mg/Kg	☼	09/27/25 15:56	09/28/25 08:36	1
Hexachlorocyclopentadiene	0.37	U	0.37	0.032	mg/Kg	☼	09/27/25 15:56	09/28/25 08:36	1
Hexachloroethane	0.037	U	0.037	0.013	mg/Kg	☼	09/27/25 15:56	09/28/25 08:36	1
Indeno[1,2,3-cd]pyrene	0.037	U	0.037	0.014	mg/Kg	☼	09/27/25 15:56	09/28/25 08:36	1
Isophorone	0.15	U	0.15	0.11	mg/Kg	☼	09/27/25 15:56	09/28/25 08:36	1
Naphthalene	0.37	U	0.37	0.0063	mg/Kg	☼	09/27/25 15:56	09/28/25 08:36	1
Nitrobenzene	0.037	U	0.037	0.020	mg/Kg	☼	09/27/25 15:56	09/28/25 08:36	1
N-Nitrosodi-n-propylamine	0.037	U	0.037	0.027	mg/Kg	☼	09/27/25 15:56	09/28/25 08:36	1
N-Nitrosodiphenylamine	0.37	U	0.37	0.030	mg/Kg	☼	09/27/25 15:56	09/28/25 08:36	1
Pentachlorophenol	0.29	U	0.29	0.075	mg/Kg	☼	09/27/25 15:56	09/28/25 08:36	1
Phenanthrene	0.37	U	0.37	0.015	mg/Kg	☼	09/27/25 15:56	09/28/25 08:36	1
Phenol	0.37	U	0.37	0.013	mg/Kg	☼	09/27/25 15:56	09/28/25 08:36	1
Pyrene	0.37	U	0.37	0.0091	mg/Kg	☼	09/27/25 15:56	09/28/25 08:36	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
2,4,6-Tribromophenol (Surr)	*50*		*18 - 137*	*09/27/25 15:56*	*09/28/25 08:36*	*1*
2-Fluorobiphenyl	*42*		*33 - 117*	*09/27/25 15:56*	*09/28/25 08:36*	*1*
2-Fluorophenol (Surr)	*41*		*24 - 120*	*09/27/25 15:56*	*09/28/25 08:36*	*1*
Nitrobenzene-d5 (Surr)	*44*		*27 - 120*	*09/27/25 15:56*	*09/28/25 08:36*	*1*
Phenol-d5 (Surr)	*44*		*28 - 118*	*09/27/25 15:56*	*09/28/25 08:36*	*1*
Terphenyl-d14 (Surr)	*64*		*33 - 124*	*09/27/25 15:56*	*09/28/25 08:36*	*1*

Method: SW846 8081B - Organochlorine Pesticides (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
4,4'-DDD	0.0075	U	0.0075	0.0013	mg/Kg	☼	09/27/25 19:17	09/28/25 15:39	1
4,4'-DDE	0.0075	U	0.0075	0.00088	mg/Kg	☼	09/27/25 19:17	09/28/25 15:39	1
4,4'-DDT	0.0075	U	0.0075	0.0014	mg/Kg	☼	09/27/25 19:17	09/28/25 15:39	1
Aldrin	0.0075	U	0.0075	0.0011	mg/Kg	☼	09/27/25 19:17	09/28/25 15:39	1
alpha-BHC	0.0022	U	0.0022	0.00076	mg/Kg	☼	09/27/25 19:17	09/28/25 15:39	1
beta-BHC	0.0022	U	0.0022	0.00083	mg/Kg	☼	09/27/25 19:17	09/28/25 15:39	1
Chlordane (technical)	0.075	U	0.075	0.018	mg/Kg	☼	09/27/25 19:17	09/28/25 15:39	1
cis-Chlordane	0.0075	U	0.0075	0.0012	mg/Kg	☼	09/27/25 19:17	09/28/25 15:39	1
delta-BHC	0.0022	U	0.0022	0.00046	mg/Kg	☼	09/27/25 19:17	09/28/25 15:39	1
Dieldrin	0.0022	U	0.0022	0.00097	mg/Kg	☼	09/27/25 19:17	09/28/25 15:39	1
Endosulfan I	0.0075	U	0.0075	0.0011	mg/Kg	☼	09/27/25 19:17	09/28/25 15:39	1
Endosulfan II	0.0075	U	0.0075	0.0019	mg/Kg	☼	09/27/25 19:17	09/28/25 15:39	1
Endosulfan sulfate	0.0075	U	0.0075	0.00094	mg/Kg	☼	09/27/25 19:17	09/28/25 15:39	1
Endrin	0.0075	U	0.0075	0.0011	mg/Kg	☼	09/27/25 19:17	09/28/25 15:39	1
Endrin aldehyde	0.0075	U	0.0075	0.0018	mg/Kg	☼	09/27/25 19:17	09/28/25 15:39	1
Endrin ketone	0.0075	U	0.0075	0.0014	mg/Kg	☼	09/27/25 19:17	09/28/25 15:39	1
gamma-BHC (Lindane)	0.0022	U	0.0022	0.00069	mg/Kg	☼	09/27/25 19:17	09/28/25 15:39	1
Heptachlor	0.0075	U	0.0075	0.00088	mg/Kg	☼	09/27/25 19:17	09/28/25 15:39	1
Heptachlor epoxide	0.0075	U	0.0075	0.0011	mg/Kg	☼	09/27/25 19:17	09/28/25 15:39	1

Client Sample ID: 58A_5-10
Date Collected: 09/26/25 08:05
Date Received: 09/26/25 16:20

Lab Sample ID: 460-335806-2
Matrix: Solid
Percent Solids: 89.8

Method: SW846 8081B - Organochlorine Pesticides (GC) (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Methoxychlor	0.0075	U	0.0075	0.0017	mg/Kg	☼	09/27/25 19:17	09/28/25 15:39	1
Toxaphene	0.075	U	0.075	0.027	mg/Kg	☼	09/27/25 19:17	09/28/25 15:39	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
DCB Decachlorobiphenyl	*89*		*10 - 150*	*09/27/25 19:17*	*09/28/25 15:39*	*1*
DCB Decachlorobiphenyl	*94*		*10 - 150*	*09/27/25 19:17*	*09/28/25 15:39*	*1*
Tetrachloro-m-xylene	*54*		*14 - 150*	*09/27/25 19:17*	*09/28/25 15:39*	*1*
Tetrachloro-m-xylene	*57*		*14 - 150*	*09/27/25 19:17*	*09/28/25 15:39*	*1*

Method: SW846 8082A - Polychlorinated Biphenyls (PCBs) by Gas Chromatography

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Aroclor 1016	0.075	U	0.075	0.020	mg/Kg	☼	09/27/25 19:15	09/28/25 10:24	1
Aroclor 1221	0.075	U	0.075	0.020	mg/Kg	☼	09/27/25 19:15	09/28/25 10:24	1
Aroclor 1232	0.075	U	0.075	0.020	mg/Kg	☼	09/27/25 19:15	09/28/25 10:24	1
Aroclor 1242	0.075	U	0.075	0.020	mg/Kg	☼	09/27/25 19:15	09/28/25 10:24	1
Aroclor 1248	0.075	U	0.075	0.020	mg/Kg	☼	09/27/25 19:15	09/28/25 10:24	1
Aroclor 1254	0.075	U	0.075	0.020	mg/Kg	☼	09/27/25 19:15	09/28/25 10:24	1
Aroclor 1260	0.075	U	0.075	0.020	mg/Kg	☼	09/27/25 19:15	09/28/25 10:24	1
Aroclor-1262	0.075	U	0.075	0.020	mg/Kg	☼	09/27/25 19:15	09/28/25 10:24	1
Aroclor 1268	0.075	U	0.075	0.020	mg/Kg	☼	09/27/25 19:15	09/28/25 10:24	1
Polychlorinated biphenyls, Total	0.075	U	0.075	0.020	mg/Kg	☼	09/27/25 19:15	09/28/25 10:24	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
DCB Decachlorobiphenyl	*106*		*10 - 150*	*09/27/25 19:15*	*09/28/25 10:24*	*1*
DCB Decachlorobiphenyl	*117*		*10 - 150*	*09/27/25 19:15*	*09/28/25 10:24*	*1*
Tetrachloro-m-xylene	*64*		*10 - 150*	*09/27/25 19:15*	*09/28/25 10:24*	*1*
Tetrachloro-m-xylene	*64*		*10 - 150*	*09/27/25 19:15*	*09/28/25 10:24*	*1*

Method: EPA 1633A - Per- and Polyfluoroalkyl Substances by LC/MS/MS, 1633A

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Perfluorobutanoic acid (PFBA)	0.40	U	0.40	0.10	ug/Kg	☼	10/04/25 05:49	10/05/25 22:59	1
Perfluoropentanoic acid (PFPeA)	**0.11**	**J**	0.20	0.10	ug/Kg	☼	10/04/25 05:49	10/05/25 22:59	1
Perfluorohexanoic acid (PFHxA)	**0.10**	**J**	0.20	0.10	ug/Kg	☼	10/04/25 05:49	10/05/25 22:59	1
Perfluoroheptanoic acid (PFHpA)	0.20	U	0.20	0.10	ug/Kg	☼	10/04/25 05:49	10/05/25 22:59	1
Perfluorooctanoic acid (PFOA)	0.20	U	0.20	0.060	ug/Kg	☼	10/04/25 05:49	10/05/25 22:59	1
Perfluorononanoic acid (PFNA)	**0.13**	**J**	0.20	0.10	ug/Kg	☼	10/04/25 05:49	10/05/25 22:59	1
Perfluorodecanoic acid (PFDA)	**0.12**	**J**	0.20	0.060	ug/Kg	☼	10/04/25 05:49	10/05/25 22:59	1
Perfluoroundecanoic acid (PFUnA)	**2.40**		0.20	0.10	ug/Kg	☼	10/04/25 05:49	10/05/25 22:59	1
Perfluorododecanoic acid (PFDoA)	**0.25**		0.20	0.10	ug/Kg	☼	10/04/25 05:49	10/05/25 22:59	1
Perfluorotridecanoic acid (PFTrDA)	**1.83**		0.20	0.10	ug/Kg	☼	10/04/25 05:49	10/05/25 22:59	1
Perfluorotetradecanoic acid (PFTeDA)	0.20	U	0.20	0.10	ug/Kg	☼	10/04/25 05:49	10/05/25 22:59	1
Perfluorobutanesulfonic acid (PFBS)	0.20	U	0.20	0.10	ug/Kg	☼	10/04/25 05:49	10/05/25 22:59	1
Perfluoropentanesulfonic acid (PFPeS)	0.20	U	0.20	0.10	ug/Kg	☼	10/04/25 05:49	10/05/25 22:59	1
Perfluorohexanesulfonic acid (PFHxS)	0.20	U	0.20	0.10	ug/Kg	☼	10/04/25 05:49	10/05/25 22:59	1
Perfluoroheptanesulfonic acid (PFHpS)	0.20	U	0.20	0.10	ug/Kg	☼	10/04/25 05:49	10/05/25 22:59	1
Perfluorooctanesulfonic acid (PFOS)	0.20	U	0.20	0.10	ug/Kg	☼	10/04/25 05:49	10/05/25 22:59	1
Perfluorononanesulfonic acid (PFNS)	0.20	U	0.20	0.10	ug/Kg	☼	10/04/25 05:49	10/05/25 22:59	1

Client Sample ID: 58A_5-10
Date Collected: 09/26/25 08:05
Date Received: 09/26/25 16:20

Lab Sample ID: 460-335806-2
Matrix: Solid
Percent Solids: 89.8

Method: EPA 1633A - Per- and Polyfluoroalkyl Substances by LC/MS/MS, 1633A (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Perfluorodecanesulfonic acid (PFDS)	0.20	U *	0.20	0.10	ug/Kg	☼	10/04/25 05:49	10/05/25 22:59	1
Perfluorododecanesulfonic acid (PFDoS)	0.20	U *	0.20	0.10	ug/Kg	☼	10/04/25 05:49	10/05/25 22:59	1
1H,1H,2H,2H-Perfluorohexane sulfonic acid (4:2 FTS)	0.40	U	0.40	0.20	ug/Kg	☼	10/04/25 05:49	10/05/25 22:59	1
1H,1H,2H,2H-Perfluorooctane sulfonic acid (6:2 FTS)	0.40	U	0.40	0.20	ug/Kg	☼	10/04/25 05:49	10/05/25 22:59	1
1H,1H,2H,2H-Perfluorodecane sulfonic acid (8:2 FTS)	0.40	U	0.40	0.20	ug/Kg	☼	10/04/25 05:49	10/05/25 22:59	1
Perfluorooctanesulfonamide (PFOSA)	0.20	U	0.20	0.10	ug/Kg	☼	10/04/25 05:49	10/05/25 22:59	1
N-methylperfluorooctane sulfonamide (NMeFOSA)	0.20	U	0.20	0.10	ug/Kg	☼	10/04/25 05:49	10/05/25 22:59	1
N-ethylperfluorooctane sulfonamide (NEtFOSA)	0.20	U	0.20	0.10	ug/Kg	☼	10/04/25 05:49	10/05/25 22:59	1
N-methylperfluorooctanesulfonamidoacetic acid (NMeFOSAA)	0.20	U	0.20	0.10	ug/Kg	☼	10/04/25 05:49	10/05/25 22:59	1
N-ethylperfluorooctanesulfonamidoacetic acid (NEtFOSAA)	0.20	U	0.20	0.10	ug/Kg	☼	10/04/25 05:49	10/05/25 22:59	1
N-methylperfluorooctane sulfonamidoethanol (NMeFOSE)	1.0	U	1.0	0.50	ug/Kg	☼	10/04/25 05:49	10/05/25 22:59	1
N-ethylperfluorooctane sulfonamidoethanol (NEtFOSE)	1.0	U	1.0	0.50	ug/Kg	☼	10/04/25 05:49	10/05/25 22:59	1
Hexafluoropropylene Oxide Dimer Acid (HFPO-DA)	0.20	U	0.20	0.10	ug/Kg	☼	10/04/25 05:49	10/05/25 22:59	1
4,8-Dioxa-3H-perfluorononanoic acid (ADONA)	0.20	U	0.20	0.10	ug/Kg	☼	10/04/25 05:49	10/05/25 22:59	1
Perfluoro-3-methoxypropanoic acid (PFMPA)	0.20	U	0.20	0.10	ug/Kg	☼	10/04/25 05:49	10/05/25 22:59	1
Perfluoro-4-methoxybutanoic acid (PFMBA)	0.20	U	0.20	0.10	ug/Kg	☼	10/04/25 05:49	10/05/25 22:59	1
Nonafluoro-3,6-dioxaheptanoic acid (NFDHA)	0.20	U	0.20	0.10	ug/Kg	☼	10/04/25 05:49	10/05/25 22:59	1
9-Chlorohexadecafluoro-3-oxanonane-1-sulfonic acid (9Cl-PF3ONS)	0.20	U	0.20	0.10	ug/Kg	☼	10/04/25 05:49	10/05/25 22:59	1
11-Chloroeicosafluoro-3-oxaundecane-1-sulfonic acid (11Cl-PF3OUdS)	0.20	U *	0.20	0.10	ug/Kg	☼	10/04/25 05:49	10/05/25 22:59	1
Perfluoro (2-ethoxyethane) sulfonic acid (PFEESA)	0.20	U	0.20	0.10	ug/Kg	☼	10/04/25 05:49	10/05/25 22:59	1
3-Perfluoropropylpropanoic acid (3:3 FTCA)	0.40	U	0.40	0.20	ug/Kg	☼	10/04/25 05:49	10/05/25 22:59	1
3-Perfluoropentylpropanoic acid (5:3 FTCA)	1.0	U	1.0	0.50	ug/Kg	☼	10/04/25 05:49	10/05/25 22:59	1
3-Perfluoroheptylpropanoic acid (7:3 FTCA)	1.0	U	1.0	0.50	ug/Kg	☼	10/04/25 05:49	10/05/25 22:59	1

Isotope Dilution	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
13C4 PFBA	*110*		*8 - 130*	*10/04/25 05:49*	*10/05/25 22:59*	*1*
13C5 PFPeA	*109*		*35 - 130*	*10/04/25 05:49*	*10/05/25 22:59*	*1*
13C5 PFHxA	*105*		*40 - 130*	*10/04/25 05:49*	*10/05/25 22:59*	*1*
13C4 PFHpA	*108*		*40 - 130*	*10/04/25 05:49*	*10/05/25 22:59*	*1*
13C8 PFOA	*99.4*		*40 - 130*	*10/04/25 05:49*	*10/05/25 22:59*	*1*
13C9 PFNA	*99.2*		*40 - 130*	*10/04/25 05:49*	*10/05/25 22:59*	*1*
13C6 PFDA	*96.9*		*40 - 130*	*10/04/25 05:49*	*10/05/25 22:59*	*1*
13C7 PFUnA	*147*	*	*40 - 130*	*10/04/25 05:49*	*10/05/25 22:59*	*1*
13C2 PFTeDA	*109*		*20 - 130*	*10/04/25 05:49*	*10/05/25 22:59*	*1*

Client Sample ID: 58A_5-10

Date Collected: 09/26/25 08:05
Date Received: 09/26/25 16:20

Lab Sample ID: 460-335806-2

Matrix: Solid
Percent Solids: 89.8

Method: EPA 1633A - Per- and Polyfluoroalkyl Substances by LC/MS/MS, 1633A (Continued)

Isotope Dilution	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
13C3 PFBS	113		40 - 135	10/04/25 05:49	10/05/25 22:59	1
13C3 PFHxS	94.8		40 - 130	10/04/25 05:49	10/05/25 22:59	1
13C8 PFOS	93.3		40 - 130	10/04/25 05:49	10/05/25 22:59	1
13C8 FOSA	86.9		40 - 130	10/04/25 05:49	10/05/25 22:59	1
d3-NMeFOSAA	51.0		40 - 135	10/04/25 05:49	10/05/25 22:59	1
d5-NEtFOSAA	92.8		40 - 150	10/04/25 05:49	10/05/25 22:59	1
13C2 4:2 FTS	126		40 - 165	10/04/25 05:49	10/05/25 22:59	1
13C2 6:2 FTS	108		40 - 215	10/04/25 05:49	10/05/25 22:59	1
13C2 8:2 FTS	77.0		40 - 275	10/04/25 05:49	10/05/25 22:59	1
13C3 HFPO-DA	101		40 - 130	10/04/25 05:49	10/05/25 22:59	1
d7-N-MeFOSE-M	30.8		20 - 130	10/04/25 05:49	10/05/25 22:59	1
d9-N-EtFOSE-M	17.8		15 - 130	10/04/25 05:49	10/05/25 22:59	1
d5-NEtPFOSA	68.3		10 - 130	10/04/25 05:49	10/05/25 22:59	1
d3-NMePFOSA	76.1		10 - 130	10/04/25 05:49	10/05/25 22:59	1
13C2 PFDoA	98.7		40 - 130	10/04/25 05:49	10/05/25 22:59	1

Method: SW846 6020B - Metals (ICP/MS)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Aluminum	10100		20.6	5.7	mg/Kg	☼	10/03/25 07:27	10/03/25 21:40	1
Antimony	0.53	J	1.0	0.15	mg/Kg	☼	10/03/25 07:27	10/03/25 21:40	1
Arsenic	6.4		1.0	0.11	mg/Kg	☼	10/03/25 07:27	10/03/25 21:40	1
Barium	53.8		2.1	0.15	mg/Kg	☼	10/03/25 07:27	10/03/25 21:40	1
Beryllium	0.57		0.41	0.023	mg/Kg	☼	10/03/25 07:27	10/03/25 21:40	1
Cadmium	0.28	J	1.0	0.12	mg/Kg	☼	10/03/25 07:27	10/03/25 21:40	1
Calcium	1380		103	10.0	mg/Kg	☼	10/03/25 07:27	10/03/25 21:40	1
Chromium	15.7		2.1	0.31	mg/Kg	☼	10/03/25 07:27	10/03/25 21:40	1
Cobalt	7.5		1.0	0.15	mg/Kg	☼	10/03/25 07:27	10/03/25 21:40	1
Copper	42.7		2.1	0.38	mg/Kg	☼	10/03/25 07:27	10/03/25 21:40	1
Iron	18800		61.9	7.9	mg/Kg	☼	10/03/25 07:27	10/03/25 21:40	1
Lead	34.4		0.62	0.21	mg/Kg	☼	10/03/25 07:27	10/03/25 21:40	1
Magnesium	3450		103	10.5	mg/Kg	☼	10/03/25 07:27	10/03/25 21:40	1
Manganese	263		4.1	0.42	mg/Kg	☼	10/03/25 07:27	10/03/25 21:40	1
Nickel	15.2		2.1	0.18	mg/Kg	☼	10/03/25 07:27	10/03/25 21:40	1
Potassium	1060		103	16.7	mg/Kg	☼	10/03/25 07:27	10/03/25 21:40	1
Selenium	0.15	J	1.3	0.13	mg/Kg	☼	10/03/25 07:27	10/03/25 21:40	1
Silver	0.26	J	0.41	0.092	mg/Kg	☼	10/03/25 07:27	10/03/25 21:40	1
Sodium	83.1	J	103	47.1	mg/Kg	☼	10/03/25 07:27	10/03/25 21:40	1
Thallium	0.12	J	0.41	0.042	mg/Kg	☼	10/03/25 07:27	10/03/25 21:40	1
Vanadium	24.1		2.1	0.21	mg/Kg	☼	10/03/25 07:27	10/03/25 21:40	1
Zinc	65.9		8.2	1.1	mg/Kg	☼	10/03/25 07:27	10/03/25 21:40	1

Method: SW846 7471B - Mercury (CVAA)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	0.049		0.017	0.0082	mg/Kg	☼	10/03/25 01:44	10/03/25 09:57	1

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Percent Moisture (EPA Moisture)	10.2		1.0	1.0	%			10/01/25 18:45	1
Percent Solids (EPA Moisture)	89.8		1.0	1.0	%			10/01/25 18:45	1

Client: Haley & Aldrich, Inc.
Project/Site: Former Port Mobil

Job ID: 460-335806-1

Client Sample ID: 58B_0-5
Date Collected: 09/26/25 08:10
Date Received: 09/26/25 16:20

Lab Sample ID: 460-335806-3
Matrix: Solid
Percent Solids: 95.8

Method: SW846 8270E - Semivolatile Organic Compounds (GC/MS)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1'-Biphenyl	0.34	U	0.34	0.012	mg/Kg	☼	09/27/25 15:56	09/28/25 09:01	1
1,2,4,5-Tetrachlorobenzene	0.34	U	0.34	0.011	mg/Kg	☼	09/27/25 15:56	09/28/25 09:01	1
1,4-Dioxane	0.034	U	0.034	0.030	mg/Kg	☼	09/27/25 15:56	09/28/25 09:01	1
2,2'-oxybis[1-chloropropane]	0.34	U	0.34	0.021	mg/Kg	☼	09/27/25 15:56	09/28/25 09:01	1
2,3,4,6-Tetrachlorophenol	0.34	U	0.34	0.023	mg/Kg	☼	09/27/25 15:56	09/28/25 09:01	1
2,4,5-Trichlorophenol	0.34	U	0.34	0.035	mg/Kg	☼	09/27/25 15:56	09/28/25 09:01	1
2,4,6-Trichlorophenol	0.14	U	0.14	0.044	mg/Kg	☼	09/27/25 15:56	09/28/25 09:01	1
2,4-Dichlorophenol	0.14	U	0.14	0.022	mg/Kg	☼	09/27/25 15:56	09/28/25 09:01	1
2,4-Dimethylphenol	0.34	U	0.34	0.041	mg/Kg	☼	09/27/25 15:56	09/28/25 09:01	1
2,4-Dinitrophenol	0.28	U	0.28	0.17	mg/Kg	☼	09/27/25 15:56	09/28/25 09:01	1
2,4-Dinitrotoluene	0.070	U	0.070	0.037	mg/Kg	☼	09/27/25 15:56	09/28/25 09:01	1
2,6-Dinitrotoluene	0.070	U	0.070	0.025	mg/Kg	☼	09/27/25 15:56	09/28/25 09:01	1
2-Chloronaphthalene	0.34	U	0.34	0.044	mg/Kg	☼	09/27/25 15:56	09/28/25 09:01	1
2-Chlorophenol	0.34	U	0.34	0.012	mg/Kg	☼	09/27/25 15:56	09/28/25 09:01	1
2-Methylnaphthalene	0.34	U	0.34	0.0096	mg/Kg	☼	09/27/25 15:56	09/28/25 09:01	1
2-Methylphenol	0.34	U	0.34	0.013	mg/Kg	☼	09/27/25 15:56	09/28/25 09:01	1
2-Nitroaniline	0.34	U	0.34	0.026	mg/Kg	☼	09/27/25 15:56	09/28/25 09:01	1
2-Nitrophenol	0.34	U	0.34	0.034	mg/Kg	☼	09/27/25 15:56	09/28/25 09:01	1
3 & 4 Methylphenol	0.34	U	0.34	0.021	mg/Kg	☼	09/27/25 15:56	09/28/25 09:01	1
3,3'-Dichlorobenzidine	0.14	U	0.14	0.052	mg/Kg	☼	09/27/25 15:56	09/28/25 09:01	1
3-Nitroaniline	0.34	U	0.34	0.082	mg/Kg	☼	09/27/25 15:56	09/28/25 09:01	1
4,6-Dinitro-2-methylphenol	0.28	U	0.28	0.14	mg/Kg	☼	09/27/25 15:56	09/28/25 09:01	1
4-Bromophenyl phenyl ether	0.34	U	0.34	0.014	mg/Kg	☼	09/27/25 15:56	09/28/25 09:01	1
4-Chloro-3-methylphenol	0.34	U	0.34	0.019	mg/Kg	☼	09/27/25 15:56	09/28/25 09:01	1
4-Chloroaniline	0.34	U	0.34	0.061	mg/Kg	☼	09/27/25 15:56	09/28/25 09:01	1
4-Chlorophenyl phenyl ether	0.34	U	0.34	0.012	mg/Kg	☼	09/27/25 15:56	09/28/25 09:01	1
4-Methylphenol	0.34	U	0.34	0.021	mg/Kg	☼	09/27/25 15:56	09/28/25 09:01	1
4-Nitroaniline	0.34	U	0.34	0.087	mg/Kg	☼	09/27/25 15:56	09/28/25 09:01	1
4-Nitrophenol	0.70	U	0.70	0.056	mg/Kg	☼	09/27/25 15:56	09/28/25 09:01	1
Acenaphthene	0.34	U	0.34	0.0098	mg/Kg	☼	09/27/25 15:56	09/28/25 09:01	1
Acenaphthylene	0.34	U	0.34	0.0098	mg/Kg	☼	09/27/25 15:56	09/28/25 09:01	1
Acetophenone	0.34	U	0.34	0.017	mg/Kg	☼	09/27/25 15:56	09/28/25 09:01	1
Anthracene	0.34	U	0.34	0.010	mg/Kg	☼	09/27/25 15:56	09/28/25 09:01	1
Atrazine	0.14	U	0.14	0.020	mg/Kg	☼	09/27/25 15:56	09/28/25 09:01	1
Benzaldehyde	0.34	U	0.34	0.057	mg/Kg	☼	09/27/25 15:56	09/28/25 09:01	1
Benzo[a]anthracene	0.034	U	0.034	0.026	mg/Kg	☼	09/27/25 15:56	09/28/25 09:01	1
Benzo[a]pyrene	0.034	U	0.034	0.0092	mg/Kg	☼	09/27/25 15:56	09/28/25 09:01	1
Benzo[b]fluoranthene	0.034	U	0.034	0.0089	mg/Kg	☼	09/27/25 15:56	09/28/25 09:01	1
Benzo[g,h,i]perylene	0.34	U	0.34	0.010	mg/Kg	☼	09/27/25 15:56	09/28/25 09:01	1
Benzo[k]fluoranthene	0.034	U	0.034	0.0067	mg/Kg	☼	09/27/25 15:56	09/28/25 09:01	1
Bis(2-chloroethoxy)methane	0.34	U	0.34	0.063	mg/Kg	☼	09/27/25 15:56	09/28/25 09:01	1
Bis(2-chloroethyl)ether	0.034	U	0.034	0.012	mg/Kg	☼	09/27/25 15:56	09/28/25 09:01	1
Bis(2-ethylhexyl) phthalate	0.34	U	0.34	0.018	mg/Kg	☼	09/27/25 15:56	09/28/25 09:01	1
Butyl benzyl phthalate	0.34	U	0.34	0.016	mg/Kg	☼	09/27/25 15:56	09/28/25 09:01	1
Caprolactam	0.34	U	0.34	0.053	mg/Kg	☼	09/27/25 15:56	09/28/25 09:01	1
Carbazole	0.34	U	0.34	0.013	mg/Kg	☼	09/27/25 15:56	09/28/25 09:01	1
Chrysene	0.34	U	0.34	0.014	mg/Kg	☼	09/27/25 15:56	09/28/25 09:01	1
Dibenz(a,h)anthracene	0.034	U	0.034	0.015	mg/Kg	☼	09/27/25 15:56	09/28/25 09:01	1
Dibenzofuran	0.34	U	0.34	0.011	mg/Kg	☼	09/27/25 15:56	09/28/25 09:01	1

Client Sample ID: 58B_0-5
Date Collected: 09/26/25 08:10
Date Received: 09/26/25 16:20

Lab Sample ID: 460-335806-3
Matrix: Solid
Percent Solids: 95.8

Method: SW846 8270E - Semivolatile Organic Compounds (GC/MS) (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Diethyl phthalate	0.34	U	0.34	0.011	mg/Kg	☼	09/27/25 15:56	09/28/25 09:01	1
Dimethyl phthalate	0.34	U	0.34	0.078	mg/Kg	☼	09/27/25 15:56	09/28/25 09:01	1
Di-n-butyl phthalate	0.34	U	0.34	0.013	mg/Kg	☼	09/27/25 15:56	09/28/25 09:01	1
Di-n-octyl phthalate	0.34	U	0.34	0.018	mg/Kg	☼	09/27/25 15:56	09/28/25 09:01	1
Fluoranthene	0.34	U	0.34	0.012	mg/Kg	☼	09/27/25 15:56	09/28/25 09:01	1
Fluorene	0.34	U	0.34	0.010	mg/Kg	☼	09/27/25 15:56	09/28/25 09:01	1
Hexachlorobenzene	0.034	U	0.034	0.016	mg/Kg	☼	09/27/25 15:56	09/28/25 09:01	1
Hexachlorobutadiene	0.070	U	0.070	0.0073	mg/Kg	☼	09/27/25 15:56	09/28/25 09:01	1
Hexachlorocyclopentadiene	0.34	U	0.34	0.030	mg/Kg	☼	09/27/25 15:56	09/28/25 09:01	1
Hexachloroethane	0.034	U	0.034	0.012	mg/Kg	☼	09/27/25 15:56	09/28/25 09:01	1
Indeno[1,2,3-cd]pyrene	0.034	U	0.034	0.013	mg/Kg	☼	09/27/25 15:56	09/28/25 09:01	1
Isophorone	0.14	U	0.14	0.099	mg/Kg	☼	09/27/25 15:56	09/28/25 09:01	1
Naphthalene	0.34	U	0.34	0.0059	mg/Kg	☼	09/27/25 15:56	09/28/25 09:01	1
Nitrobenzene	0.034	U	0.034	0.019	mg/Kg	☼	09/27/25 15:56	09/28/25 09:01	1
N-Nitrosodi-n-propylamine	0.034	U	0.034	0.025	mg/Kg	☼	09/27/25 15:56	09/28/25 09:01	1
N-Nitrosodiphenylamine	0.34	U	0.34	0.028	mg/Kg	☼	09/27/25 15:56	09/28/25 09:01	1
Pentachlorophenol	0.28	U	0.28	0.070	mg/Kg	☼	09/27/25 15:56	09/28/25 09:01	1
Phenanthrene	0.34	U	0.34	0.014	mg/Kg	☼	09/27/25 15:56	09/28/25 09:01	1
Phenol	0.34	U	0.34	0.013	mg/Kg	☼	09/27/25 15:56	09/28/25 09:01	1
Pyrene	0.34	U	0.34	0.0085	mg/Kg	☼	09/27/25 15:56	09/28/25 09:01	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
2,4,6-Tribromophenol (Surr)	*57*		*18 - 137*	*09/27/25 15:56*	*09/28/25 09:01*	*1*
2-Fluorobiphenyl	*47*		*33 - 117*	*09/27/25 15:56*	*09/28/25 09:01*	*1*
2-Fluorophenol (Surr)	*43*		*24 - 120*	*09/27/25 15:56*	*09/28/25 09:01*	*1*
Nitrobenzene-d5 (Surr)	*46*		*27 - 120*	*09/27/25 15:56*	*09/28/25 09:01*	*1*
Phenol-d5 (Surr)	*46*		*28 - 118*	*09/27/25 15:56*	*09/28/25 09:01*	*1*
Terphenyl-d14 (Surr)	*65*		*33 - 124*	*09/27/25 15:56*	*09/28/25 09:01*	*1*

Method: SW846 8081B - Organochlorine Pesticides (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
4,4'-DDD	0.0070	U	0.0070	0.0012	mg/Kg	☼	09/27/25 19:17	09/28/25 15:53	1
4,4'-DDE	0.0070	U	0.0070	0.00082	mg/Kg	☼	09/27/25 19:17	09/28/25 15:53	1
4,4'-DDT	0.0070	U	0.0070	0.0013	mg/Kg	☼	09/27/25 19:17	09/28/25 15:53	1
Aldrin	0.0070	U	0.0070	0.0011	mg/Kg	☼	09/27/25 19:17	09/28/25 15:53	1
alpha-BHC	0.0021	U	0.0021	0.00071	mg/Kg	☼	09/27/25 19:17	09/28/25 15:53	1
beta-BHC	0.0021	U	0.0021	0.00078	mg/Kg	☼	09/27/25 19:17	09/28/25 15:53	1
Chlordane (technical)	0.070	U	0.070	0.017	mg/Kg	☼	09/27/25 19:17	09/28/25 15:53	1
cis-Chlordane	0.0070	U	0.0070	0.0011	mg/Kg	☼	09/27/25 19:17	09/28/25 15:53	1
delta-BHC	0.0021	U	0.0021	0.00043	mg/Kg	☼	09/27/25 19:17	09/28/25 15:53	1
Dieldrin	0.0021	U	0.0021	0.00091	mg/Kg	☼	09/27/25 19:17	09/28/25 15:53	1
Endosulfan I	0.0070	U	0.0070	0.0011	mg/Kg	☼	09/27/25 19:17	09/28/25 15:53	1
Endosulfan II	0.0070	U	0.0070	0.0018	mg/Kg	☼	09/27/25 19:17	09/28/25 15:53	1
Endosulfan sulfate	0.0070	U	0.0070	0.00088	mg/Kg	☼	09/27/25 19:17	09/28/25 15:53	1
Endrin	0.0070	U	0.0070	0.0010	mg/Kg	☼	09/27/25 19:17	09/28/25 15:53	1
Endrin aldehyde	0.0070	U	0.0070	0.0016	mg/Kg	☼	09/27/25 19:17	09/28/25 15:53	1
Endrin ketone	0.0070	U	0.0070	0.0014	mg/Kg	☼	09/27/25 19:17	09/28/25 15:53	1
gamma-BHC (Lindane)	0.0021	U	0.0021	0.00065	mg/Kg	☼	09/27/25 19:17	09/28/25 15:53	1
Heptachlor	0.0070	U	0.0070	0.00082	mg/Kg	☼	09/27/25 19:17	09/28/25 15:53	1
Heptachlor epoxide	0.0070	U	0.0070	0.0010	mg/Kg	☼	09/27/25 19:17	09/28/25 15:53	1

Client Sample ID: 58B_0-5
Date Collected: 09/26/25 08:10
Date Received: 09/26/25 16:20

Lab Sample ID: 460-335806-3
Matrix: Solid
Percent Solids: 95.8

Method: SW846 8081B - Organochlorine Pesticides (GC) (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Methoxychlor	0.0070	U	0.0070	0.0016	mg/Kg	☼	09/27/25 19:17	09/28/25 15:53	1
Toxaphene	0.070	U	0.070	0.025	mg/Kg	☼	09/27/25 19:17	09/28/25 15:53	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
DCB Decachlorobiphenyl	*94*		*10 - 150*	*09/27/25 19:17*	*09/28/25 15:53*	*1*
DCB Decachlorobiphenyl	*98*		*10 - 150*	*09/27/25 19:17*	*09/28/25 15:53*	*1*
Tetrachloro-m-xylene	*77*		*14 - 150*	*09/27/25 19:17*	*09/28/25 15:53*	*1*
Tetrachloro-m-xylene	*78*		*14 - 150*	*09/27/25 19:17*	*09/28/25 15:53*	*1*

Method: SW846 8082A - Polychlorinated Biphenyls (PCBs) by Gas Chromatography

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Aroclor 1016	0.070	U	0.070	0.019	mg/Kg	☼	09/27/25 19:15	09/28/25 10:47	1
Aroclor 1221	0.070	U	0.070	0.019	mg/Kg	☼	09/27/25 19:15	09/28/25 10:47	1
Aroclor 1232	0.070	U	0.070	0.019	mg/Kg	☼	09/27/25 19:15	09/28/25 10:47	1
Aroclor 1242	0.070	U	0.070	0.019	mg/Kg	☼	09/27/25 19:15	09/28/25 10:47	1
Aroclor 1248	0.070	U	0.070	0.019	mg/Kg	☼	09/27/25 19:15	09/28/25 10:47	1
Aroclor 1254	0.070	U	0.070	0.019	mg/Kg	☼	09/27/25 19:15	09/28/25 10:47	1
Aroclor 1260	0.070	U	0.070	0.019	mg/Kg	☼	09/27/25 19:15	09/28/25 10:47	1
Aroclor-1262	0.070	U	0.070	0.019	mg/Kg	☼	09/27/25 19:15	09/28/25 10:47	1
Aroclor 1268	0.070	U	0.070	0.019	mg/Kg	☼	09/27/25 19:15	09/28/25 10:47	1
Polychlorinated biphenyls, Total	0.070	U	0.070	0.019	mg/Kg	☼	09/27/25 19:15	09/28/25 10:47	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
DCB Decachlorobiphenyl	*106*		*10 - 150*	*09/27/25 19:15*	*09/28/25 10:47*	*1*
DCB Decachlorobiphenyl	*114*		*10 - 150*	*09/27/25 19:15*	*09/28/25 10:47*	*1*
Tetrachloro-m-xylene	*86*		*10 - 150*	*09/27/25 19:15*	*09/28/25 10:47*	*1*
Tetrachloro-m-xylene	*85*		*10 - 150*	*09/27/25 19:15*	*09/28/25 10:47*	*1*

Method: EPA 1633A - Per- and Polyfluoroalkyl Substances by LC/MS/MS, 1633A

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Perfluorobutanoic acid (PFBA)	0.38	U	0.38	0.095	ug/Kg	☼	10/04/25 05:49	10/05/25 23:13	1
Perfluoropentanoic acid (PFPeA)	0.19	U	0.19	0.095	ug/Kg	☼	10/04/25 05:49	10/05/25 23:13	1
Perfluorohexanoic acid (PFHxA)	0.19	U	0.19	0.095	ug/Kg	☼	10/04/25 05:49	10/05/25 23:13	1
Perfluoroheptanoic acid (PFHpA)	0.19	U	0.19	0.095	ug/Kg	☼	10/04/25 05:49	10/05/25 23:13	1
Perfluorooctanoic acid (PFOA)	0.19	U	0.19	0.057	ug/Kg	☼	10/04/25 05:49	10/05/25 23:13	1
Perfluorononanoic acid (PFNA)	**0.18**	**J**	0.19	0.095	ug/Kg	☼	10/04/25 05:49	10/05/25 23:13	1
Perfluorodecanoic acid (PFDA)	**0.15**	**J**	0.19	0.057	ug/Kg	☼	10/04/25 05:49	10/05/25 23:13	1
Perfluoroundecanoic acid (PFUnA)	**1.79**		0.19	0.095	ug/Kg	☼	10/04/25 05:49	10/05/25 23:13	1
Perfluorododecanoic acid (PFDoA)	**0.30**		0.19	0.095	ug/Kg	☼	10/04/25 05:49	10/05/25 23:13	1
Perfluorotridecanoic acid (PFTrDA)	**1.88**		0.19	0.095	ug/Kg	☼	10/04/25 05:49	10/05/25 23:13	1
Perfluorotetradecanoic acid (PFTeDA)	0.19	U	0.19	0.095	ug/Kg	☼	10/04/25 05:49	10/05/25 23:13	1
Perfluorobutanesulfonic acid (PFBS)	0.19	U	0.19	0.095	ug/Kg	☼	10/04/25 05:49	10/05/25 23:13	1
Perfluoropentanesulfonic acid (PFPeS)	0.19	U	0.19	0.095	ug/Kg	☼	10/04/25 05:49	10/05/25 23:13	1
Perfluorohexanesulfonic acid (PFHxS)	0.19	U	0.19	0.095	ug/Kg	☼	10/04/25 05:49	10/05/25 23:13	1
Perfluoroheptanesulfonic acid (PFHpS)	0.19	U	0.19	0.095	ug/Kg	☼	10/04/25 05:49	10/05/25 23:13	1
Perfluorooctanesulfonic acid (PFOS)	0.19	U	0.19	0.095	ug/Kg	☼	10/04/25 05:49	10/05/25 23:13	1
Perfluorononanesulfonic acid (PFNS)	0.19	U	0.19	0.095	ug/Kg	☼	10/04/25 05:49	10/05/25 23:13	1

Client Sample ID: 58B_0-5
Date Collected: 09/26/25 08:10
Date Received: 09/26/25 16:20

Lab Sample ID: 460-335806-3
Matrix: Solid
Percent Solids: 95.8

Method: EPA 1633A - Per- and Polyfluoroalkyl Substances by LC/MS/MS, 1633A (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Perfluorodecanesulfonic acid (PFDS)	0.19	U *	0.19	0.095	ug/Kg	☼	10/04/25 05:49	10/05/25 23:13	1
Perfluorododecanesulfonic acid (PFDoS)	0.19	U *	0.19	0.095	ug/Kg	☼	10/04/25 05:49	10/05/25 23:13	1
1H,1H,2H,2H-Perfluorohexane sulfonic acid (4:2 FTS)	0.38	U	0.38	0.19	ug/Kg	☼	10/04/25 05:49	10/05/25 23:13	1
1H,1H,2H,2H-Perfluorooctane sulfonic acid (6:2 FTS)	0.38	U	0.38	0.19	ug/Kg	☼	10/04/25 05:49	10/05/25 23:13	1
1H,1H,2H,2H-Perfluorodecane sulfonic acid (8:2 FTS)	0.38	U	0.38	0.19	ug/Kg	☼	10/04/25 05:49	10/05/25 23:13	1
Perfluorooctanesulfonamide (PFOSA)	0.19	U	0.19	0.095	ug/Kg	☼	10/04/25 05:49	10/05/25 23:13	1
N-methylperfluorooctane sulfonamide (NMeFOSA)	0.19	U	0.19	0.095	ug/Kg	☼	10/04/25 05:49	10/05/25 23:13	1
N-ethylperfluorooctane sulfonamide (NEtFOSA)	0.19	U	0.19	0.095	ug/Kg	☼	10/04/25 05:49	10/05/25 23:13	1
N-methylperfluorooctanesulfonamidoacetic acid (NMeFOSAA)	0.19	U	0.19	0.095	ug/Kg	☼	10/04/25 05:49	10/05/25 23:13	1
N-ethylperfluorooctanesulfonamidoacetic acid (NEtFOSAA)	0.19	U	0.19	0.095	ug/Kg	☼	10/04/25 05:49	10/05/25 23:13	1
N-methylperfluorooctane sulfonamidoethanol (NMeFOSE)	0.95	U	0.95	0.48	ug/Kg	☼	10/04/25 05:49	10/05/25 23:13	1
N-ethylperfluorooctane sulfonamidoethanol (NEtFOSE)	0.95	U	0.95	0.48	ug/Kg	☼	10/04/25 05:49	10/05/25 23:13	1
Hexafluoropropylene Oxide Dimer Acid (HFPO-DA)	0.19	U	0.19	0.095	ug/Kg	☼	10/04/25 05:49	10/05/25 23:13	1
4,8-Dioxa-3H-perfluorononanoic acid (ADONA)	0.19	U	0.19	0.095	ug/Kg	☼	10/04/25 05:49	10/05/25 23:13	1
Perfluoro-3-methoxypropanoic acid (PFMPA)	0.19	U	0.19	0.095	ug/Kg	☼	10/04/25 05:49	10/05/25 23:13	1
Perfluoro-4-methoxybutanoic acid (PFMBA)	0.19	U	0.19	0.095	ug/Kg	☼	10/04/25 05:49	10/05/25 23:13	1
Nonafluoro-3,6-dioxaheptanoic acid (NFDHA)	0.19	U	0.19	0.095	ug/Kg	☼	10/04/25 05:49	10/05/25 23:13	1
9-Chlorohexadecafluoro-3-oxanonane-1-sulfonic acid (9Cl-PF3ONS)	0.19	U	0.19	0.095	ug/Kg	☼	10/04/25 05:49	10/05/25 23:13	1
11-Chloroeicosafluoro-3-oxaundecane-1-sulfonic acid (11Cl-PF3OUdS)	0.19	U *	0.19	0.095	ug/Kg	☼	10/04/25 05:49	10/05/25 23:13	1
Perfluoro (2-ethoxyethane) sulfonic acid (PFEESA)	0.19	U	0.19	0.095	ug/Kg	☼	10/04/25 05:49	10/05/25 23:13	1
3-Perfluoropropylpropanoic acid (3:3 FTCA)	0.38	U	0.38	0.19	ug/Kg	☼	10/04/25 05:49	10/05/25 23:13	1
3-Perfluoropentylpropanoic acid (5:3 FTCA)	0.95	U	0.95	0.48	ug/Kg	☼	10/04/25 05:49	10/05/25 23:13	1
3-Perfluoroheptylpropanoic acid (7:3 FTCA)	0.95	U	0.95	0.48	ug/Kg	☼	10/04/25 05:49	10/05/25 23:13	1

Isotope Dilution	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
13C4 PFBA	*104*		*8 - 130*	*10/04/25 05:49*	*10/05/25 23:13*	*1*
13C5 PFPeA	*101*		*35 - 130*	*10/04/25 05:49*	*10/05/25 23:13*	*1*
13C5 PFHxA	*104*		*40 - 130*	*10/04/25 05:49*	*10/05/25 23:13*	*1*
13C4 PFHpA	*103*		*40 - 130*	*10/04/25 05:49*	*10/05/25 23:13*	*1*
13C8 PFOA	*97.0*		*40 - 130*	*10/04/25 05:49*	*10/05/25 23:13*	*1*
13C9 PFNA	*96.7*		*40 - 130*	*10/04/25 05:49*	*10/05/25 23:13*	*1*
13C6 PFDA	*87.0*		*40 - 130*	*10/04/25 05:49*	*10/05/25 23:13*	*1*
13C7 PFUnA	*84.8*		*40 - 130*	*10/04/25 05:49*	*10/05/25 23:13*	*1*
13C2 PFTeDA	*61.4*		*20 - 130*	*10/04/25 05:49*	*10/05/25 23:13*	*1*

Client Sample ID: 58B_0-5

Date Collected: 09/26/25 08:10
Date Received: 09/26/25 16:20

Lab Sample ID: 460-335806-3

Matrix: Solid
Percent Solids: 95.8

Method: EPA 1633A - Per- and Polyfluoroalkyl Substances by LC/MS/MS, 1633A (Continued)

Isotope Dilution	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
13C3 PFBS	105		40 - 135	10/04/25 05:49	10/05/25 23:13	1
13C3 PFHxS	89.9		40 - 130	10/04/25 05:49	10/05/25 23:13	1
13C8 PFOS	85.5		40 - 130	10/04/25 05:49	10/05/25 23:13	1
13C8 FOSA	81.8		40 - 130	10/04/25 05:49	10/05/25 23:13	1
d3-NMeFOSAA	70.8		40 - 135	10/04/25 05:49	10/05/25 23:13	1
d5-NEtFOSAA	88.4		40 - 150	10/04/25 05:49	10/05/25 23:13	1
13C2 4:2 FTS	113		40 - 165	10/04/25 05:49	10/05/25 23:13	1
13C2 6:2 FTS	104		40 - 215	10/04/25 05:49	10/05/25 23:13	1
13C2 8:2 FTS	70.6		40 - 275	10/04/25 05:49	10/05/25 23:13	1
13C3 HFPO-DA	97.4		40 - 130	10/04/25 05:49	10/05/25 23:13	1
d7-N-MeFOSE-M	25.4		20 - 130	10/04/25 05:49	10/05/25 23:13	1
d9-N-EtFOSE-M	17.0		15 - 130	10/04/25 05:49	10/05/25 23:13	1
d5-NEtPFOSA	61.9		10 - 130	10/04/25 05:49	10/05/25 23:13	1
d3-NMePFOSA	71.1		10 - 130	10/04/25 05:49	10/05/25 23:13	1
13C2 PFDoA	78.5		40 - 130	10/04/25 05:49	10/05/25 23:13	1

Method: SW846 6020B - Metals (ICP/MS)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Aluminum	8500		18.5	5.1	mg/Kg	☼	10/03/25 07:27	10/03/25 21:49	1
Antimony	0.60	J	0.92	0.13	mg/Kg	☼	10/03/25 07:27	10/03/25 21:49	1
Arsenic	7.0		0.92	0.095	mg/Kg	☼	10/03/25 07:27	10/03/25 21:49	1
Barium	59.3		1.8	0.13	mg/Kg	☼	10/03/25 07:27	10/03/25 21:49	1
Beryllium	0.57		0.37	0.020	mg/Kg	☼	10/03/25 07:27	10/03/25 21:49	1
Cadmium	0.43	J	0.92	0.10	mg/Kg	☼	10/03/25 07:27	10/03/25 21:49	1
Calcium	8680		92.4	9.0	mg/Kg	☼	10/03/25 07:27	10/03/25 21:49	1
Chromium	16.6		1.8	0.27	mg/Kg	☼	10/03/25 07:27	10/03/25 21:49	1
Cobalt	7.2		0.92	0.14	mg/Kg	☼	10/03/25 07:27	10/03/25 21:49	1
Copper	40.7		1.8	0.34	mg/Kg	☼	10/03/25 07:27	10/03/25 21:49	1
Iron	19500		55.4	7.1	mg/Kg	☼	10/03/25 07:27	10/03/25 21:49	1
Lead	143		0.55	0.18	mg/Kg	☼	10/03/25 07:27	10/03/25 21:49	1
Magnesium	6440		92.4	9.4	mg/Kg	☼	10/03/25 07:27	10/03/25 21:49	1
Manganese	336		3.7	0.37	mg/Kg	☼	10/03/25 07:27	10/03/25 21:49	1
Nickel	14.2		1.8	0.16	mg/Kg	☼	10/03/25 07:27	10/03/25 21:49	1
Potassium	1130		92.4	15.0	mg/Kg	☼	10/03/25 07:27	10/03/25 21:49	1
Selenium	0.25	J	1.2	0.12	mg/Kg	☼	10/03/25 07:27	10/03/25 21:49	1
Silver	0.41		0.37	0.082	mg/Kg	☼	10/03/25 07:27	10/03/25 21:49	1
Sodium	112		92.4	42.2	mg/Kg	☼	10/03/25 07:27	10/03/25 21:49	1
Thallium	0.12	J	0.37	0.038	mg/Kg	☼	10/03/25 07:27	10/03/25 21:49	1
Vanadium	24.6		1.8	0.19	mg/Kg	☼	10/03/25 07:27	10/03/25 21:49	1
Zinc	98.7		7.4	1.0	mg/Kg	☼	10/03/25 07:27	10/03/25 21:49	1

Method: SW846 7471B - Mercury (CVAA)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	0.034		0.016	0.0076	mg/Kg	☼	10/03/25 01:44	10/03/25 10:06	1

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Percent Moisture (EPA Moisture)	4.2		1.0	1.0	%			10/01/25 18:45	1
Percent Solids (EPA Moisture)	95.8		1.0	1.0	%			10/01/25 18:45	1

Client: Haley & Aldrich, Inc.
Project/Site: Former Port Mobil

Job ID: 460-335806-1

Client Sample ID: 58B_5-10
Date Collected: 09/26/25 08:15
Date Received: 09/26/25 16:20

Lab Sample ID: 460-335806-4
Matrix: Solid
Percent Solids: 94.7

Method: SW846 8270E - Semivolatile Organic Compounds (GC/MS)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1'-Biphenyl	0.35	U	0.35	0.012	mg/Kg	☼	09/27/25 15:56	09/28/25 09:25	1
1,2,4,5-Tetrachlorobenzene	0.35	U	0.35	0.011	mg/Kg	☼	09/27/25 15:56	09/28/25 09:25	1
1,4-Dioxane	0.035	U	0.035	0.030	mg/Kg	☼	09/27/25 15:56	09/28/25 09:25	1
2,2'-oxybis[1-chloropropane]	0.35	U	0.35	0.021	mg/Kg	☼	09/27/25 15:56	09/28/25 09:25	1
2,3,4,6-Tetrachlorophenol	0.35	U	0.35	0.024	mg/Kg	☼	09/27/25 15:56	09/28/25 09:25	1
2,4,5-Trichlorophenol	0.35	U	0.35	0.035	mg/Kg	☼	09/27/25 15:56	09/28/25 09:25	1
2,4,6-Trichlorophenol	0.14	U	0.14	0.045	mg/Kg	☼	09/27/25 15:56	09/28/25 09:25	1
2,4-Dichlorophenol	0.14	U	0.14	0.022	mg/Kg	☼	09/27/25 15:56	09/28/25 09:25	1
2,4-Dimethylphenol	0.35	U	0.35	0.042	mg/Kg	☼	09/27/25 15:56	09/28/25 09:25	1
2,4-Dinitrophenol	0.28	U	0.28	0.17	mg/Kg	☼	09/27/25 15:56	09/28/25 09:25	1
2,4-Dinitrotoluene	0.071	U	0.071	0.037	mg/Kg	☼	09/27/25 15:56	09/28/25 09:25	1
2,6-Dinitrotoluene	0.071	U	0.071	0.025	mg/Kg	☼	09/27/25 15:56	09/28/25 09:25	1
2-Chloronaphthalene	0.35	U	0.35	0.045	mg/Kg	☼	09/27/25 15:56	09/28/25 09:25	1
2-Chlorophenol	0.35	U	0.35	0.012	mg/Kg	☼	09/27/25 15:56	09/28/25 09:25	1
2-Methylnaphthalene	0.35	U	0.35	0.0097	mg/Kg	☼	09/27/25 15:56	09/28/25 09:25	1
2-Methylphenol	0.35	U	0.35	0.013	mg/Kg	☼	09/27/25 15:56	09/28/25 09:25	1
2-Nitroaniline	0.35	U	0.35	0.027	mg/Kg	☼	09/27/25 15:56	09/28/25 09:25	1
2-Nitrophenol	0.35	U	0.35	0.035	mg/Kg	☼	09/27/25 15:56	09/28/25 09:25	1
3 & 4 Methylphenol	0.35	U	0.35	0.022	mg/Kg	☼	09/27/25 15:56	09/28/25 09:25	1
3,3'-Dichlorobenzidine	0.14	U	0.14	0.053	mg/Kg	☼	09/27/25 15:56	09/28/25 09:25	1
3-Nitroaniline	0.35	U	0.35	0.083	mg/Kg	☼	09/27/25 15:56	09/28/25 09:25	1
4,6-Dinitro-2-methylphenol	0.28	U	0.28	0.14	mg/Kg	☼	09/27/25 15:56	09/28/25 09:25	1
4-Bromophenyl phenyl ether	0.35	U	0.35	0.014	mg/Kg	☼	09/27/25 15:56	09/28/25 09:25	1
4-Chloro-3-methylphenol	0.35	U	0.35	0.020	mg/Kg	☼	09/27/25 15:56	09/28/25 09:25	1
4-Chloroaniline	0.35	U	0.35	0.062	mg/Kg	☼	09/27/25 15:56	09/28/25 09:25	1
4-Chlorophenyl phenyl ether	0.35	U	0.35	0.012	mg/Kg	☼	09/27/25 15:56	09/28/25 09:25	1
4-Methylphenol	0.35	U	0.35	0.022	mg/Kg	☼	09/27/25 15:56	09/28/25 09:25	1
4-Nitroaniline	0.35	U	0.35	0.088	mg/Kg	☼	09/27/25 15:56	09/28/25 09:25	1
4-Nitrophenol	0.71	U	0.71	0.057	mg/Kg	☼	09/27/25 15:56	09/28/25 09:25	1
Acenaphthene	0.35	U	0.35	0.0099	mg/Kg	☼	09/27/25 15:56	09/28/25 09:25	1
Acenaphthylene	0.35	U	0.35	0.010	mg/Kg	☼	09/27/25 15:56	09/28/25 09:25	1
Acetophenone	0.35	U	0.35	0.017	mg/Kg	☼	09/27/25 15:56	09/28/25 09:25	1
Anthracene	0.35	U	0.35	0.011	mg/Kg	☼	09/27/25 15:56	09/28/25 09:25	1
Atrazine	0.14	U	0.14	0.021	mg/Kg	☼	09/27/25 15:56	09/28/25 09:25	1
Benzaldehyde	0.35	U	0.35	0.058	mg/Kg	☼	09/27/25 15:56	09/28/25 09:25	1
Benzo[a]anthracene	0.035	U	0.035	0.026	mg/Kg	☼	09/27/25 15:56	09/28/25 09:25	1
Benzo[a]pyrene	0.035	U	0.035	0.0093	mg/Kg	☼	09/27/25 15:56	09/28/25 09:25	1
Benzo[b]fluoranthene	0.035	U	0.035	0.0090	mg/Kg	☼	09/27/25 15:56	09/28/25 09:25	1
Benzo[g,h,i]perylene	0.35	U	0.35	0.010	mg/Kg	☼	09/27/25 15:56	09/28/25 09:25	1
Benzo[k]fluoranthene	0.035	U	0.035	0.0068	mg/Kg	☼	09/27/25 15:56	09/28/25 09:25	1
Bis(2-chloroethoxy)methane	0.35	U	0.35	0.064	mg/Kg	☼	09/27/25 15:56	09/28/25 09:25	1
Bis(2-chloroethyl)ether	0.035	U	0.035	0.012	mg/Kg	☼	09/27/25 15:56	09/28/25 09:25	1
Bis(2-ethylhexyl) phthalate	0.35	U	0.35	0.018	mg/Kg	☼	09/27/25 15:56	09/28/25 09:25	1
Butyl benzyl phthalate	0.35	U	0.35	0.016	mg/Kg	☼	09/27/25 15:56	09/28/25 09:25	1
Caprolactam	0.35	U	0.35	0.054	mg/Kg	☼	09/27/25 15:56	09/28/25 09:25	1
Carbazole	0.35	U	0.35	0.013	mg/Kg	☼	09/27/25 15:56	09/28/25 09:25	1
Chrysene	0.35	U	0.35	0.015	mg/Kg	☼	09/27/25 15:56	09/28/25 09:25	1
Dibenz(a,h)anthracene	0.035	U	0.035	0.015	mg/Kg	☼	09/27/25 15:56	09/28/25 09:25	1
Dibenzofuran	0.35	U	0.35	0.012	mg/Kg	☼	09/27/25 15:56	09/28/25 09:25	1

Client Sample ID: 58B_5-10
Date Collected: 09/26/25 08:15
Date Received: 09/26/25 16:20

Lab Sample ID: 460-335806-4
Matrix: Solid
Percent Solids: 94.7

Method: SW846 8270E - Semivolatile Organic Compounds (GC/MS) (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Diethyl phthalate	0.35	U	0.35	0.011	mg/Kg	☼	09/27/25 15:56	09/28/25 09:25	1
Dimethyl phthalate	0.35	U	0.35	0.079	mg/Kg	☼	09/27/25 15:56	09/28/25 09:25	1
Di-n-butyl phthalate	0.35	U	0.35	0.013	mg/Kg	☼	09/27/25 15:56	09/28/25 09:25	1
Di-n-octyl phthalate	0.35	U	0.35	0.018	mg/Kg	☼	09/27/25 15:56	09/28/25 09:25	1
Fluoranthene	0.35	U	0.35	0.012	mg/Kg	☼	09/27/25 15:56	09/28/25 09:25	1
Fluorene	0.35	U	0.35	0.010	mg/Kg	☼	09/27/25 15:56	09/28/25 09:25	1
Hexachlorobenzene	0.035	U	0.035	0.017	mg/Kg	☼	09/27/25 15:56	09/28/25 09:25	1
Hexachlorobutadiene	0.071	U	0.071	0.0074	mg/Kg	☼	09/27/25 15:56	09/28/25 09:25	1
Hexachlorocyclopentadiene	0.35	U	0.35	0.031	mg/Kg	☼	09/27/25 15:56	09/28/25 09:25	1
Hexachloroethane	0.035	U	0.035	0.012	mg/Kg	☼	09/27/25 15:56	09/28/25 09:25	1
Indeno[1,2,3-cd]pyrene	0.035	U	0.035	0.014	mg/Kg	☼	09/27/25 15:56	09/28/25 09:25	1
Isophorone	0.14	U	0.14	0.10	mg/Kg	☼	09/27/25 15:56	09/28/25 09:25	1
Naphthalene	0.35	U	0.35	0.0060	mg/Kg	☼	09/27/25 15:56	09/28/25 09:25	1
Nitrobenzene	0.035	U	0.035	0.019	mg/Kg	☼	09/27/25 15:56	09/28/25 09:25	1
N-Nitrosodi-n-propylamine	0.035	U	0.035	0.025	mg/Kg	☼	09/27/25 15:56	09/28/25 09:25	1
N-Nitrosodiphenylamine	0.35	U	0.35	0.029	mg/Kg	☼	09/27/25 15:56	09/28/25 09:25	1
Pentachlorophenol	0.28	U	0.28	0.071	mg/Kg	☼	09/27/25 15:56	09/28/25 09:25	1
Phenanthrene	0.35	U	0.35	0.014	mg/Kg	☼	09/27/25 15:56	09/28/25 09:25	1
Phenol	0.35	U	0.35	0.013	mg/Kg	☼	09/27/25 15:56	09/28/25 09:25	1
Pyrene	0.35	U	0.35	0.0087	mg/Kg	☼	09/27/25 15:56	09/28/25 09:25	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
2,4,6-Tribromophenol (Surr)	*57*		*18 - 137*	*09/27/25 15:56*	*09/28/25 09:25*	*1*
2-Fluorobiphenyl	*50*		*33 - 117*	*09/27/25 15:56*	*09/28/25 09:25*	*1*
2-Fluorophenol (Surr)	*51*		*24 - 120*	*09/27/25 15:56*	*09/28/25 09:25*	*1*
Nitrobenzene-d5 (Surr)	*51*		*27 - 120*	*09/27/25 15:56*	*09/28/25 09:25*	*1*
Phenol-d5 (Surr)	*53*		*28 - 118*	*09/27/25 15:56*	*09/28/25 09:25*	*1*
Terphenyl-d14 (Surr)	*64*		*33 - 124*	*09/27/25 15:56*	*09/28/25 09:25*	*1*

Method: SW846 8081B - Organochlorine Pesticides (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
4,4'-DDD	0.0071	U	0.0071	0.0012	mg/Kg	☼	09/27/25 19:17	09/28/25 16:06	1
4,4'-DDE	0.0071	U	0.0071	0.00083	mg/Kg	☼	09/27/25 19:17	09/28/25 16:06	1
4,4'-DDT	0.0071	U	0.0071	0.0013	mg/Kg	☼	09/27/25 19:17	09/28/25 16:06	1
Aldrin	0.0071	U	0.0071	0.0011	mg/Kg	☼	09/27/25 19:17	09/28/25 16:06	1
alpha-BHC	0.0021	U	0.0021	0.00072	mg/Kg	☼	09/27/25 19:17	09/28/25 16:06	1
beta-BHC	0.0021	U	0.0021	0.00079	mg/Kg	☼	09/27/25 19:17	09/28/25 16:06	1
Chlordane (technical)	0.071	U	0.071	0.017	mg/Kg	☼	09/27/25 19:17	09/28/25 16:06	1
cis-Chlordane	0.0071	U	0.0071	0.0011	mg/Kg	☼	09/27/25 19:17	09/28/25 16:06	1
delta-BHC	0.0021	U	0.0021	0.00043	mg/Kg	☼	09/27/25 19:17	09/28/25 16:06	1
Dieldrin	0.0021	U	0.0021	0.00092	mg/Kg	☼	09/27/25 19:17	09/28/25 16:06	1
Endosulfan I	0.0071	U	0.0071	0.0011	mg/Kg	☼	09/27/25 19:17	09/28/25 16:06	1
Endosulfan II	0.0071	U	0.0071	0.0018	mg/Kg	☼	09/27/25 19:17	09/28/25 16:06	1
Endosulfan sulfate	0.0071	U	0.0071	0.00089	mg/Kg	☼	09/27/25 19:17	09/28/25 16:06	1
Endrin	0.0071	U	0.0071	0.0010	mg/Kg	☼	09/27/25 19:17	09/28/25 16:06	1
Endrin aldehyde	0.0071	U	0.0071	0.0017	mg/Kg	☼	09/27/25 19:17	09/28/25 16:06	1
Endrin ketone	0.0071	U	0.0071	0.0014	mg/Kg	☼	09/27/25 19:17	09/28/25 16:06	1
gamma-BHC (Lindane)	0.0021	U	0.0021	0.00065	mg/Kg	☼	09/27/25 19:17	09/28/25 16:06	1
Heptachlor	0.0071	U	0.0071	0.00083	mg/Kg	☼	09/27/25 19:17	09/28/25 16:06	1
Heptachlor epoxide	0.0071	U	0.0071	0.0011	mg/Kg	☼	09/27/25 19:17	09/28/25 16:06	1

Client Sample ID: 58B_5-10
Date Collected: 09/26/25 08:15
Date Received: 09/26/25 16:20

Lab Sample ID: 460-335806-4
Matrix: Solid
Percent Solids: 94.7

Method: SW846 8081B - Organochlorine Pesticides (GC) (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Methoxychlor	0.0071	U	0.0071	0.0016	mg/Kg	☼	09/27/25 19:17	09/28/25 16:06	1
Toxaphene	0.071	U	0.071	0.026	mg/Kg	☼	09/27/25 19:17	09/28/25 16:06	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
DCB Decachlorobiphenyl	*104*		*10 - 150*	*09/27/25 19:17*	*09/28/25 16:06*	*1*
DCB Decachlorobiphenyl	*107*		*10 - 150*	*09/27/25 19:17*	*09/28/25 16:06*	*1*
Tetrachloro-m-xylene	*90*		*14 - 150*	*09/27/25 19:17*	*09/28/25 16:06*	*1*
Tetrachloro-m-xylene	*88*		*14 - 150*	*09/27/25 19:17*	*09/28/25 16:06*	*1*

Method: SW846 8082A - Polychlorinated Biphenyls (PCBs) by Gas Chromatography

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Aroclor 1016	0.071	U	0.071	0.019	mg/Kg	☼	09/27/25 19:15	09/28/25 11:09	1
Aroclor 1221	0.071	U	0.071	0.019	mg/Kg	☼	09/27/25 19:15	09/28/25 11:09	1
Aroclor 1232	0.071	U	0.071	0.019	mg/Kg	☼	09/27/25 19:15	09/28/25 11:09	1
Aroclor 1242	0.071	U	0.071	0.019	mg/Kg	☼	09/27/25 19:15	09/28/25 11:09	1
Aroclor 1248	0.071	U	0.071	0.019	mg/Kg	☼	09/27/25 19:15	09/28/25 11:09	1
Aroclor 1254	0.071	U	0.071	0.019	mg/Kg	☼	09/27/25 19:15	09/28/25 11:09	1
Aroclor 1260	0.071	U	0.071	0.019	mg/Kg	☼	09/27/25 19:15	09/28/25 11:09	1
Aroclor-1262	0.071	U	0.071	0.019	mg/Kg	☼	09/27/25 19:15	09/28/25 11:09	1
Aroclor 1268	0.071	U	0.071	0.019	mg/Kg	☼	09/27/25 19:15	09/28/25 11:09	1
Polychlorinated biphenyls, Total	0.071	U	0.071	0.019	mg/Kg	☼	09/27/25 19:15	09/28/25 11:09	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
DCB Decachlorobiphenyl	*111*		*10 - 150*	*09/27/25 19:15*	*09/28/25 11:09*	*1*
DCB Decachlorobiphenyl	*117*		*10 - 150*	*09/27/25 19:15*	*09/28/25 11:09*	*1*
Tetrachloro-m-xylene	*93*		*10 - 150*	*09/27/25 19:15*	*09/28/25 11:09*	*1*
Tetrachloro-m-xylene	*93*		*10 - 150*	*09/27/25 19:15*	*09/28/25 11:09*	*1*

Method: EPA 1633A - Per- and Polyfluoroalkyl Substances by LC/MS/MS, 1633A

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Perfluorobutanoic acid (PFBA)	0.38	U	0.38	0.096	ug/Kg	☼	10/04/25 05:49	10/05/25 23:27	1
Perfluoropentanoic acid (PFPeA)	0.19	U	0.19	0.096	ug/Kg	☼	10/04/25 05:49	10/05/25 23:27	1
Perfluorohexanoic acid (PFHxA)	0.19	U	0.19	0.096	ug/Kg	☼	10/04/25 05:49	10/05/25 23:27	1
Perfluoroheptanoic acid (PFHpA)	0.19	U	0.19	0.096	ug/Kg	☼	10/04/25 05:49	10/05/25 23:27	1
Perfluorooctanoic acid (PFOA)	0.19	U	0.19	0.057	ug/Kg	☼	10/04/25 05:49	10/05/25 23:27	1
Perfluorononanoic acid (PFNA)	**0.18**	**J**	0.19	0.096	ug/Kg	☼	10/04/25 05:49	10/05/25 23:27	1
Perfluorodecanoic acid (PFDA)	**0.12**	**J**	0.19	0.057	ug/Kg	☼	10/04/25 05:49	10/05/25 23:27	1
Perfluoroundecanoic acid (PFUnA)	**2.03**		0.19	0.096	ug/Kg	☼	10/04/25 05:49	10/05/25 23:27	1
Perfluorododecanoic acid (PFDoA)	**0.28**		0.19	0.096	ug/Kg	☼	10/04/25 05:49	10/05/25 23:27	1
Perfluorotridecanoic acid (PFTrDA)	**1.73**		0.19	0.096	ug/Kg	☼	10/04/25 05:49	10/05/25 23:27	1
Perfluorotetradecanoic acid (PFTeDA)	0.19	U	0.19	0.096	ug/Kg	☼	10/04/25 05:49	10/05/25 23:27	1
Perfluorobutanesulfonic acid (PFBS)	0.19	U	0.19	0.096	ug/Kg	☼	10/04/25 05:49	10/05/25 23:27	1
Perfluoropentanesulfonic acid (PFPeS)	0.19	U	0.19	0.096	ug/Kg	☼	10/04/25 05:49	10/05/25 23:27	1
Perfluorohexanesulfonic acid (PFHxS)	0.19	U	0.19	0.096	ug/Kg	☼	10/04/25 05:49	10/05/25 23:27	1
Perfluoroheptanesulfonic acid (PFHpS)	0.19	U	0.19	0.096	ug/Kg	☼	10/04/25 05:49	10/05/25 23:27	1
Perfluorooctanesulfonic acid (PFOS)	0.19	U	0.19	0.096	ug/Kg	☼	10/04/25 05:49	10/05/25 23:27	1
Perfluorononanesulfonic acid (PFNS)	0.19	U	0.19	0.096	ug/Kg	☼	10/04/25 05:49	10/05/25 23:27	1

Client Sample ID: 58B_5-10
Date Collected: 09/26/25 08:15
Date Received: 09/26/25 16:20

Lab Sample ID: 460-335806-4
Matrix: Solid
Percent Solids: 94.7

Method: EPA 1633A - Per- and Polyfluoroalkyl Substances by LC/MS/MS, 1633A (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Perfluorodecanesulfonic acid (PFDS)	0.19	U *	0.19	0.096	ug/Kg	☼	10/04/25 05:49	10/05/25 23:27	1
Perfluorododecanesulfonic acid (PFDoS)	0.19	U *	0.19	0.096	ug/Kg	☼	10/04/25 05:49	10/05/25 23:27	1
1H,1H,2H,2H-Perfluorohexane sulfonic acid (4:2 FTS)	0.38	U	0.38	0.19	ug/Kg	☼	10/04/25 05:49	10/05/25 23:27	1
1H,1H,2H,2H-Perfluorooctane sulfonic acid (6:2 FTS)	0.38	U	0.38	0.19	ug/Kg	☼	10/04/25 05:49	10/05/25 23:27	1
1H,1H,2H,2H-Perfluorodecane sulfonic acid (8:2 FTS)	0.38	U	0.38	0.19	ug/Kg	☼	10/04/25 05:49	10/05/25 23:27	1
Perfluorooctanesulfonamide (PFOSA)	0.19	U	0.19	0.096	ug/Kg	☼	10/04/25 05:49	10/05/25 23:27	1
N-methylperfluorooctane sulfonamide (NMeFOSA)	0.19	U	0.19	0.096	ug/Kg	☼	10/04/25 05:49	10/05/25 23:27	1
N-ethylperfluorooctane sulfonamide (NEtFOSA)	0.19	U	0.19	0.096	ug/Kg	☼	10/04/25 05:49	10/05/25 23:27	1
N-methylperfluorooctanesulfonamidoacetic acid (NMeFOSAA)	0.19	U	0.19	0.096	ug/Kg	☼	10/04/25 05:49	10/05/25 23:27	1
N-ethylperfluorooctanesulfonamidoacetic acid (NEtFOSAA)	0.19	U	0.19	0.096	ug/Kg	☼	10/04/25 05:49	10/05/25 23:27	1
N-methylperfluorooctane sulfonamidoethanol (NMeFOSE)	0.96	U	0.96	0.48	ug/Kg	☼	10/04/25 05:49	10/05/25 23:27	1
N-ethylperfluorooctane sulfonamidoethanol (NEtFOSE)	0.96	U	0.96	0.48	ug/Kg	☼	10/04/25 05:49	10/05/25 23:27	1
Hexafluoropropylene Oxide Dimer Acid (HFPO-DA)	0.19	U	0.19	0.096	ug/Kg	☼	10/04/25 05:49	10/05/25 23:27	1
4,8-Dioxa-3H-perfluorononanoic acid (ADONA)	0.19	U	0.19	0.096	ug/Kg	☼	10/04/25 05:49	10/05/25 23:27	1
Perfluoro-3-methoxypropanoic acid (PFMPA)	0.19	U	0.19	0.096	ug/Kg	☼	10/04/25 05:49	10/05/25 23:27	1
Perfluoro-4-methoxybutanoic acid (PFMBA)	0.19	U	0.19	0.096	ug/Kg	☼	10/04/25 05:49	10/05/25 23:27	1
Nonafluoro-3,6-dioxaheptanoic acid (NFDHA)	0.19	U	0.19	0.096	ug/Kg	☼	10/04/25 05:49	10/05/25 23:27	1
9-Chlorohexadecafluoro-3-oxanonane-1-sulfonic acid (9Cl-PF3ONS)	0.19	U	0.19	0.096	ug/Kg	☼	10/04/25 05:49	10/05/25 23:27	1
11-Chloroeicosafluoro-3-oxaundecane-1-sulfonic acid (11Cl-PF3OUdS)	0.19	U *	0.19	0.096	ug/Kg	☼	10/04/25 05:49	10/05/25 23:27	1
Perfluoro (2-ethoxyethane) sulfonic acid (PFEESA)	0.19	U	0.19	0.096	ug/Kg	☼	10/04/25 05:49	10/05/25 23:27	1
3-Perfluoropropylpropanoic acid (3:3 FTCA)	0.38	U	0.38	0.19	ug/Kg	☼	10/04/25 05:49	10/05/25 23:27	1
3-Perfluoropentylpropanoic acid (5:3 FTCA)	0.96	U	0.96	0.48	ug/Kg	☼	10/04/25 05:49	10/05/25 23:27	1
3-Perfluoroheptylpropanoic acid (7:3 FTCA)	0.96	U	0.96	0.48	ug/Kg	☼	10/04/25 05:49	10/05/25 23:27	1

Isotope Dilution	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
13C4 PFBA	*92.5*		*8 - 130*	*10/04/25 05:49*	*10/05/25 23:27*	*1*
13C5 PFPeA	*88.0*		*35 - 130*	*10/04/25 05:49*	*10/05/25 23:27*	*1*
13C5 PFHxA	*87.5*		*40 - 130*	*10/04/25 05:49*	*10/05/25 23:27*	*1*
13C4 PFHpA	*87.3*		*40 - 130*	*10/04/25 05:49*	*10/05/25 23:27*	*1*
13C8 PFOA	*79.3*		*40 - 130*	*10/04/25 05:49*	*10/05/25 23:27*	*1*
13C9 PFNA	*74.6*		*40 - 130*	*10/04/25 05:49*	*10/05/25 23:27*	*1*
13C6 PFDA	*78.8*		*40 - 130*	*10/04/25 05:49*	*10/05/25 23:27*	*1*
13C7 PFUnA	*73.7*		*40 - 130*	*10/04/25 05:49*	*10/05/25 23:27*	*1*
13C2 PFTeDA	*57.1*		*20 - 130*	*10/04/25 05:49*	*10/05/25 23:27*	*1*

Client Sample ID: 58B_5-10

Date Collected: 09/26/25 08:15
Date Received: 09/26/25 16:20

Lab Sample ID: 460-335806-4

Matrix: Solid
Percent Solids: 94.7

Method: EPA 1633A - Per- and Polyfluoroalkyl Substances by LC/MS/MS, 1633A (Continued)

Isotope Dilution	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
13C3 PFBS	88.8		40 - 135	10/04/25 05:49	10/05/25 23:27	1
13C3 PFHxS	75.6		40 - 130	10/04/25 05:49	10/05/25 23:27	1
13C8 PFOS	69.1		40 - 130	10/04/25 05:49	10/05/25 23:27	1
13C8 FOSA	68.3		40 - 130	10/04/25 05:49	10/05/25 23:27	1
d3-NMeFOSAA	55.4		40 - 135	10/04/25 05:49	10/05/25 23:27	1
d5-NEtFOSAA	73.3		40 - 150	10/04/25 05:49	10/05/25 23:27	1
13C2 4:2 FTS	92.6		40 - 165	10/04/25 05:49	10/05/25 23:27	1
13C2 6:2 FTS	83.7		40 - 215	10/04/25 05:49	10/05/25 23:27	1
13C2 8:2 FTS	60.1		40 - 275	10/04/25 05:49	10/05/25 23:27	1
13C3 HFPO-DA	81.0		40 - 130	10/04/25 05:49	10/05/25 23:27	1
d7-N-MeFOSE-M	35.4		20 - 130	10/04/25 05:49	10/05/25 23:27	1
d9-N-EtFOSE-M	29.2		15 - 130	10/04/25 05:49	10/05/25 23:27	1
d5-NEtPFOSA	56.8		10 - 130	10/04/25 05:49	10/05/25 23:27	1
d3-NMePFOSA	62.7		10 - 130	10/04/25 05:49	10/05/25 23:27	1
13C2 PFDoA	70.5		40 - 130	10/04/25 05:49	10/05/25 23:27	1

Method: SW846 6020B - Metals (ICP/MS)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Aluminum	8910		19.2	5.3	mg/Kg	☼	10/03/25 07:27	10/03/25 21:52	1
Antimony	0.60	J	0.96	0.14	mg/Kg	☼	10/03/25 07:27	10/03/25 21:52	1
Arsenic	7.3		0.96	0.099	mg/Kg	☼	10/03/25 07:27	10/03/25 21:52	1
Barium	50.9		1.9	0.14	mg/Kg	☼	10/03/25 07:27	10/03/25 21:52	1
Beryllium	0.55		0.38	0.021	mg/Kg	☼	10/03/25 07:27	10/03/25 21:52	1
Cadmium	0.30	J	0.96	0.11	mg/Kg	☼	10/03/25 07:27	10/03/25 21:52	1
Calcium	2910		96.0	9.3	mg/Kg	☼	10/03/25 07:27	10/03/25 21:52	1
Chromium	15.6		1.9	0.29	mg/Kg	☼	10/03/25 07:27	10/03/25 21:52	1
Cobalt	7.0		0.96	0.14	mg/Kg	☼	10/03/25 07:27	10/03/25 21:52	1
Copper	40.0		1.9	0.35	mg/Kg	☼	10/03/25 07:27	10/03/25 21:52	1
Iron	18900		57.6	7.3	mg/Kg	☼	10/03/25 07:27	10/03/25 21:52	1
Lead	104		0.58	0.19	mg/Kg	☼	10/03/25 07:27	10/03/25 21:52	1
Magnesium	3510		96.0	9.8	mg/Kg	☼	10/03/25 07:27	10/03/25 21:52	1
Manganese	268		3.8	0.39	mg/Kg	☼	10/03/25 07:27	10/03/25 21:52	1
Nickel	13.3		1.9	0.17	mg/Kg	☼	10/03/25 07:27	10/03/25 21:52	1
Potassium	1160		96.0	15.5	mg/Kg	☼	10/03/25 07:27	10/03/25 21:52	1
Selenium	0.21	J	1.2	0.12	mg/Kg	☼	10/03/25 07:27	10/03/25 21:52	1
Silver	0.24	J	0.38	0.085	mg/Kg	☼	10/03/25 07:27	10/03/25 21:52	1
Sodium	98.0		96.0	43.9	mg/Kg	☼	10/03/25 07:27	10/03/25 21:52	1
Thallium	0.10	J	0.38	0.039	mg/Kg	☼	10/03/25 07:27	10/03/25 21:52	1
Vanadium	25.0		1.9	0.20	mg/Kg	☼	10/03/25 07:27	10/03/25 21:52	1
Zinc	87.4		7.7	1.0	mg/Kg	☼	10/03/25 07:27	10/03/25 21:52	1

Method: SW846 7471B - Mercury (CVAA)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	0.031		0.018	0.0083	mg/Kg	☼	10/03/25 01:44	10/03/25 10:09	1

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Percent Moisture (EPA Moisture)	5.3		1.0	1.0	%			10/01/25 18:45	1
Percent Solids (EPA Moisture)	94.7		1.0	1.0	%			10/01/25 18:45	1

Client: Haley & Aldrich, Inc.
Project/Site: Former Port Mobil

Job ID: 460-335806-1

Client Sample ID: 58C_0-5
Date Collected: 09/26/25 08:20
Date Received: 09/26/25 16:20

Lab Sample ID: 460-335806-5
Matrix: Solid
Percent Solids: 89.9

Method: SW846 8270E - Semivolatile Organic Compounds (GC/MS)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1'-Biphenyl	0.37	U	0.37	0.013	mg/Kg	☼	09/27/25 15:56	09/28/25 09:50	1
1,2,4,5-Tetrachlorobenzene	0.37	U	0.37	0.011	mg/Kg	☼	09/27/25 15:56	09/28/25 09:50	1
1,4-Dioxane	0.037	U	0.037	0.032	mg/Kg	☼	09/27/25 15:56	09/28/25 09:50	1
2,2'-oxybis[1-chloropropane]	0.37	U	0.37	0.022	mg/Kg	☼	09/27/25 15:56	09/28/25 09:50	1
2,3,4,6-Tetrachlorophenol	0.37	U	0.37	0.025	mg/Kg	☼	09/27/25 15:56	09/28/25 09:50	1
2,4,5-Trichlorophenol	0.37	U	0.37	0.037	mg/Kg	☼	09/27/25 15:56	09/28/25 09:50	1
2,4,6-Trichlorophenol	0.15	U	0.15	0.047	mg/Kg	☼	09/27/25 15:56	09/28/25 09:50	1
2,4-Dichlorophenol	0.15	U	0.15	0.024	mg/Kg	☼	09/27/25 15:56	09/28/25 09:50	1
2,4-Dimethylphenol	0.37	U	0.37	0.044	mg/Kg	☼	09/27/25 15:56	09/28/25 09:50	1
2,4-Dinitrophenol	0.29	U	0.29	0.18	mg/Kg	☼	09/27/25 15:56	09/28/25 09:50	1
2,4-Dinitrotoluene	0.074	U	0.074	0.039	mg/Kg	☼	09/27/25 15:56	09/28/25 09:50	1
2,6-Dinitrotoluene	0.074	U	0.074	0.026	mg/Kg	☼	09/27/25 15:56	09/28/25 09:50	1
2-Chloronaphthalene	0.37	U	0.37	0.047	mg/Kg	☼	09/27/25 15:56	09/28/25 09:50	1
2-Chlorophenol	0.37	U	0.37	0.013	mg/Kg	☼	09/27/25 15:56	09/28/25 09:50	1
2-Methylnaphthalene	0.37	U	0.37	0.010	mg/Kg	☼	09/27/25 15:56	09/28/25 09:50	1
2-Methylphenol	0.37	U	0.37	0.014	mg/Kg	☼	09/27/25 15:56	09/28/25 09:50	1
2-Nitroaniline	0.37	U	0.37	0.028	mg/Kg	☼	09/27/25 15:56	09/28/25 09:50	1
2-Nitrophenol	0.37	U	0.37	0.037	mg/Kg	☼	09/27/25 15:56	09/28/25 09:50	1
3 & 4 Methylphenol	0.37	U	0.37	0.023	mg/Kg	☼	09/27/25 15:56	09/28/25 09:50	1
3,3'-Dichlorobenzidine	0.15	U	0.15	0.055	mg/Kg	☼	09/27/25 15:56	09/28/25 09:50	1
3-Nitroaniline	0.37	U	0.37	0.087	mg/Kg	☼	09/27/25 15:56	09/28/25 09:50	1
4,6-Dinitro-2-methylphenol	0.29	U	0.29	0.15	mg/Kg	☼	09/27/25 15:56	09/28/25 09:50	1
4-Bromophenyl phenyl ether	0.37	U	0.37	0.015	mg/Kg	☼	09/27/25 15:56	09/28/25 09:50	1
4-Chloro-3-methylphenol	0.37	U	0.37	0.021	mg/Kg	☼	09/27/25 15:56	09/28/25 09:50	1
4-Chloroaniline	0.37	U	0.37	0.065	mg/Kg	☼	09/27/25 15:56	09/28/25 09:50	1
4-Chlorophenyl phenyl ether	0.37	U	0.37	0.013	mg/Kg	☼	09/27/25 15:56	09/28/25 09:50	1
4-Methylphenol	0.37	U	0.37	0.023	mg/Kg	☼	09/27/25 15:56	09/28/25 09:50	1
4-Nitroaniline	0.37	U	0.37	0.093	mg/Kg	☼	09/27/25 15:56	09/28/25 09:50	1
4-Nitrophenol	0.74	U	0.74	0.060	mg/Kg	☼	09/27/25 15:56	09/28/25 09:50	1
Acenaphthene	0.37	U	0.37	0.010	mg/Kg	☼	09/27/25 15:56	09/28/25 09:50	1
Acenaphthylene	0.37	U	0.37	0.010	mg/Kg	☼	09/27/25 15:56	09/28/25 09:50	1
Acetophenone	0.37	U	0.37	0.018	mg/Kg	☼	09/27/25 15:56	09/28/25 09:50	1
Anthracene	0.37	U	0.37	0.011	mg/Kg	☼	09/27/25 15:56	09/28/25 09:50	1
Atrazine	0.15	U	0.15	0.022	mg/Kg	☼	09/27/25 15:56	09/28/25 09:50	1
Benzaldehyde	0.37	U	0.37	0.061	mg/Kg	☼	09/27/25 15:56	09/28/25 09:50	1
Benzo[a]anthracene	0.037	U	0.037	0.028	mg/Kg	☼	09/27/25 15:56	09/28/25 09:50	1
Benzo[a]pyrene	0.037	U	0.037	0.0098	mg/Kg	☼	09/27/25 15:56	09/28/25 09:50	1
Benzo[b]fluoranthene	0.037	U	0.037	0.0095	mg/Kg	☼	09/27/25 15:56	09/28/25 09:50	1
Benzo[g,h,i]perylene	0.37	U	0.37	0.011	mg/Kg	☼	09/27/25 15:56	09/28/25 09:50	1
Benzo[k]fluoranthene	0.037	U	0.037	0.0072	mg/Kg	☼	09/27/25 15:56	09/28/25 09:50	1
Bis(2-chloroethoxy)methane	0.37	U	0.37	0.068	mg/Kg	☼	09/27/25 15:56	09/28/25 09:50	1
Bis(2-chloroethyl)ether	0.037	U	0.037	0.013	mg/Kg	☼	09/27/25 15:56	09/28/25 09:50	1
Bis(2-ethylhexyl) phthalate	0.37	U	0.37	0.019	mg/Kg	☼	09/27/25 15:56	09/28/25 09:50	1
Butyl benzyl phthalate	0.37	U	0.37	0.017	mg/Kg	☼	09/27/25 15:56	09/28/25 09:50	1
Caprolactam	0.37	U	0.37	0.057	mg/Kg	☼	09/27/25 15:56	09/28/25 09:50	1
Carbazole	0.37	U	0.37	0.014	mg/Kg	☼	09/27/25 15:56	09/28/25 09:50	1
Chrysene	0.37	U	0.37	0.015	mg/Kg	☼	09/27/25 15:56	09/28/25 09:50	1
Dibenz(a,h)anthracene	0.037	U	0.037	0.016	mg/Kg	☼	09/27/25 15:56	09/28/25 09:50	1
Dibenzofuran	0.37	U	0.37	0.012	mg/Kg	☼	09/27/25 15:56	09/28/25 09:50	1

Client Sample ID: 58C_0-5
Date Collected: 09/26/25 08:20
Date Received: 09/26/25 16:20

Lab Sample ID: 460-335806-5
Matrix: Solid
Percent Solids: 89.9

Method: SW846 8270E - Semivolatile Organic Compounds (GC/MS) (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Diethyl phthalate	0.37	U	0.37	0.012	mg/Kg	☼	09/27/25 15:56	09/28/25 09:50	1
Dimethyl phthalate	0.37	U	0.37	0.083	mg/Kg	☼	09/27/25 15:56	09/28/25 09:50	1
Di-n-butyl phthalate	0.37	U	0.37	0.014	mg/Kg	☼	09/27/25 15:56	09/28/25 09:50	1
Di-n-octyl phthalate	0.37	U	0.37	0.019	mg/Kg	☼	09/27/25 15:56	09/28/25 09:50	1
Fluoranthene	0.37	U	0.37	0.013	mg/Kg	☼	09/27/25 15:56	09/28/25 09:50	1
Fluorene	0.37	U	0.37	0.011	mg/Kg	☼	09/27/25 15:56	09/28/25 09:50	1
Hexachlorobenzene	0.037	U	0.037	0.017	mg/Kg	☼	09/27/25 15:56	09/28/25 09:50	1
Hexachlorobutadiene	0.074	U	0.074	0.0078	mg/Kg	☼	09/27/25 15:56	09/28/25 09:50	1
Hexachlorocyclopentadiene	0.37	U	0.37	0.032	mg/Kg	☼	09/27/25 15:56	09/28/25 09:50	1
Hexachloroethane	0.037	U	0.037	0.013	mg/Kg	☼	09/27/25 15:56	09/28/25 09:50	1
Indeno[1,2,3-cd]pyrene	0.037	U	0.037	0.014	mg/Kg	☼	09/27/25 15:56	09/28/25 09:50	1
Isophorone	0.15	U	0.15	0.11	mg/Kg	☼	09/27/25 15:56	09/28/25 09:50	1
Naphthalene	0.37	U	0.37	0.0063	mg/Kg	☼	09/27/25 15:56	09/28/25 09:50	1
Nitrobenzene	0.037	U	0.037	0.020	mg/Kg	☼	09/27/25 15:56	09/28/25 09:50	1
N-Nitrosodi-n-propylamine	0.037	U	0.037	0.027	mg/Kg	☼	09/27/25 15:56	09/28/25 09:50	1
N-Nitrosodiphenylamine	0.37	U	0.37	0.030	mg/Kg	☼	09/27/25 15:56	09/28/25 09:50	1
Pentachlorophenol	0.29	U	0.29	0.075	mg/Kg	☼	09/27/25 15:56	09/28/25 09:50	1
Phenanthrene	0.37	U	0.37	0.015	mg/Kg	☼	09/27/25 15:56	09/28/25 09:50	1
Phenol	0.37	U	0.37	0.013	mg/Kg	☼	09/27/25 15:56	09/28/25 09:50	1
Pyrene	0.37	U	0.37	0.0091	mg/Kg	☼	09/27/25 15:56	09/28/25 09:50	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
2,4,6-Tribromophenol (Surr)	*52*		*18 - 137*	*09/27/25 15:56*	*09/28/25 09:50*	*1*
2-Fluorobiphenyl	*45*		*33 - 117*	*09/27/25 15:56*	*09/28/25 09:50*	*1*
2-Fluorophenol (Surr)	*44*		*24 - 120*	*09/27/25 15:56*	*09/28/25 09:50*	*1*
Nitrobenzene-d5 (Surr)	*46*		*27 - 120*	*09/27/25 15:56*	*09/28/25 09:50*	*1*
Phenol-d5 (Surr)	*46*		*28 - 118*	*09/27/25 15:56*	*09/28/25 09:50*	*1*
Terphenyl-d14 (Surr)	*62*		*33 - 124*	*09/27/25 15:56*	*09/28/25 09:50*	*1*

Method: SW846 8081B - Organochlorine Pesticides (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
4,4'-DDD	0.0075	U	0.0075	0.0013	mg/Kg	☼	09/27/25 19:17	09/28/25 16:19	1
4,4'-DDE	0.0075	U	0.0075	0.00088	mg/Kg	☼	09/27/25 19:17	09/28/25 16:19	1
4,4'-DDT	0.0075	U	0.0075	0.0014	mg/Kg	☼	09/27/25 19:17	09/28/25 16:19	1
Aldrin	0.0075	U	0.0075	0.0011	mg/Kg	☼	09/27/25 19:17	09/28/25 16:19	1
alpha-BHC	0.0022	U	0.0022	0.00076	mg/Kg	☼	09/27/25 19:17	09/28/25 16:19	1
beta-BHC	0.0022	U	0.0022	0.00083	mg/Kg	☼	09/27/25 19:17	09/28/25 16:19	1
Chlordane (technical)	0.075	U	0.075	0.018	mg/Kg	☼	09/27/25 19:17	09/28/25 16:19	1
cis-Chlordane	0.0075	U	0.0075	0.0012	mg/Kg	☼	09/27/25 19:17	09/28/25 16:19	1
delta-BHC	0.0022	U	0.0022	0.00046	mg/Kg	☼	09/27/25 19:17	09/28/25 16:19	1
Dieldrin	0.0022	U	0.0022	0.00097	mg/Kg	☼	09/27/25 19:17	09/28/25 16:19	1
Endosulfan I	0.0075	U	0.0075	0.0011	mg/Kg	☼	09/27/25 19:17	09/28/25 16:19	1
Endosulfan II	0.0075	U	0.0075	0.0019	mg/Kg	☼	09/27/25 19:17	09/28/25 16:19	1
Endosulfan sulfate	0.0075	U	0.0075	0.00093	mg/Kg	☼	09/27/25 19:17	09/28/25 16:19	1
Endrin	0.0075	U	0.0075	0.0011	mg/Kg	☼	09/27/25 19:17	09/28/25 16:19	1
Endrin aldehyde	0.0075	U	0.0075	0.0018	mg/Kg	☼	09/27/25 19:17	09/28/25 16:19	1
Endrin ketone	0.0075	U	0.0075	0.0014	mg/Kg	☼	09/27/25 19:17	09/28/25 16:19	1
gamma-BHC (Lindane)	0.0022	U	0.0022	0.00069	mg/Kg	☼	09/27/25 19:17	09/28/25 16:19	1
Heptachlor	0.0075	U	0.0075	0.00088	mg/Kg	☼	09/27/25 19:17	09/28/25 16:19	1
Heptachlor epoxide	0.0075	U	0.0075	0.0011	mg/Kg	☼	09/27/25 19:17	09/28/25 16:19	1

Client Sample ID: 58C_0-5
Date Collected: 09/26/25 08:20
Date Received: 09/26/25 16:20

Lab Sample ID: 460-335806-5
Matrix: Solid
Percent Solids: 89.9

Method: SW846 8081B - Organochlorine Pesticides (GC) (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Methoxychlor	0.0075	U	0.0075	0.0017	mg/Kg	☼	09/27/25 19:17	09/28/25 16:19	1
Toxaphene	0.075	U	0.075	0.027	mg/Kg	☼	09/27/25 19:17	09/28/25 16:19	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
DCB Decachlorobiphenyl	*113*		*10 - 150*	*09/27/25 19:17*	*09/28/25 16:19*	*1*
DCB Decachlorobiphenyl	*115*		*10 - 150*	*09/27/25 19:17*	*09/28/25 16:19*	*1*
Tetrachloro-m-xylene	*91*		*14 - 150*	*09/27/25 19:17*	*09/28/25 16:19*	*1*
Tetrachloro-m-xylene	*94*		*14 - 150*	*09/27/25 19:17*	*09/28/25 16:19*	*1*

Method: SW846 8082A - Polychlorinated Biphenyls (PCBs) by Gas Chromatography

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Aroclor 1016	0.075	U	0.075	0.020	mg/Kg	☼	09/27/25 19:15	09/28/25 11:32	1
Aroclor 1221	0.075	U	0.075	0.020	mg/Kg	☼	09/27/25 19:15	09/28/25 11:32	1
Aroclor 1232	0.075	U	0.075	0.020	mg/Kg	☼	09/27/25 19:15	09/28/25 11:32	1
Aroclor 1242	0.075	U	0.075	0.020	mg/Kg	☼	09/27/25 19:15	09/28/25 11:32	1
Aroclor 1248	0.075	U	0.075	0.020	mg/Kg	☼	09/27/25 19:15	09/28/25 11:32	1
Aroclor 1254	0.075	U	0.075	0.020	mg/Kg	☼	09/27/25 19:15	09/28/25 11:32	1
Aroclor 1260	0.075	U	0.075	0.020	mg/Kg	☼	09/27/25 19:15	09/28/25 11:32	1
Aroclor-1262	0.075	U	0.075	0.020	mg/Kg	☼	09/27/25 19:15	09/28/25 11:32	1
Aroclor 1268	0.075	U	0.075	0.020	mg/Kg	☼	09/27/25 19:15	09/28/25 11:32	1
Polychlorinated biphenyls, Total	0.075	U	0.075	0.020	mg/Kg	☼	09/27/25 19:15	09/28/25 11:32	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
DCB Decachlorobiphenyl	*117*		*10 - 150*	*09/27/25 19:15*	*09/28/25 11:32*	*1*
DCB Decachlorobiphenyl	*124*		*10 - 150*	*09/27/25 19:15*	*09/28/25 11:32*	*1*
Tetrachloro-m-xylene	*96*		*10 - 150*	*09/27/25 19:15*	*09/28/25 11:32*	*1*
Tetrachloro-m-xylene	*96*		*10 - 150*	*09/27/25 19:15*	*09/28/25 11:32*	*1*

Method: EPA 1633A - Per- and Polyfluoroalkyl Substances by LC/MS/MS, 1633A

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Perfluorobutanoic acid (PFBA)	0.40	U	0.40	0.10	ug/Kg	☼	10/04/25 05:49	10/05/25 23:40	1
Perfluoropentanoic acid (PFPeA)	0.20	U	0.20	0.10	ug/Kg	☼	10/04/25 05:49	10/05/25 23:40	1
Perfluorohexanoic acid (PFHxA)	0.20	U	0.20	0.10	ug/Kg	☼	10/04/25 05:49	10/05/25 23:40	1
Perfluoroheptanoic acid (PFHpA)	0.20	U	0.20	0.10	ug/Kg	☼	10/04/25 05:49	10/05/25 23:40	1
Perfluorooctanoic acid (PFOA)	**0.068**	**J**	0.20	0.060	ug/Kg	☼	10/04/25 05:49	10/05/25 23:40	1
Perfluorononanoic acid (PFNA)	**0.24**		0.20	0.10	ug/Kg	☼	10/04/25 05:49	10/05/25 23:40	1
Perfluorodecanoic acid (PFDA)	**0.17**	**J**	0.20	0.060	ug/Kg	☼	10/04/25 05:49	10/05/25 23:40	1
Perfluoroundecanoic acid (PFUnA)	**1.85**		0.20	0.10	ug/Kg	☼	10/04/25 05:49	10/05/25 23:40	1
Perfluorododecanoic acid (PFDoA)	**0.58**		0.20	0.10	ug/Kg	☼	10/04/25 05:49	10/05/25 23:40	1
Perfluorotridecanoic acid (PFTrDA)	**3.27**		0.20	0.10	ug/Kg	☼	10/04/25 05:49	10/05/25 23:40	1
Perfluorotetradecanoic acid (PFTeDA)	**0.14**	**J**	0.20	0.10	ug/Kg	☼	10/04/25 05:49	10/05/25 23:40	1
Perfluorobutanesulfonic acid (PFBS)	0.20	U	0.20	0.10	ug/Kg	☼	10/04/25 05:49	10/05/25 23:40	1
Perfluoropentanesulfonic acid (PFPeS)	0.20	U	0.20	0.10	ug/Kg	☼	10/04/25 05:49	10/05/25 23:40	1
Perfluorohexanesulfonic acid (PFHxS)	0.20	U	0.20	0.10	ug/Kg	☼	10/04/25 05:49	10/05/25 23:40	1
Perfluoroheptanesulfonic acid (PFHpS)	0.20	U	0.20	0.10	ug/Kg	☼	10/04/25 05:49	10/05/25 23:40	1
Perfluorooctanesulfonic acid (PFOS)	0.20	U	0.20	0.10	ug/Kg	☼	10/04/25 05:49	10/05/25 23:40	1

Client Sample ID: 58C_0-5
Date Collected: 09/26/25 08:20
Date Received: 09/26/25 16:20

Lab Sample ID: 460-335806-5
Matrix: Solid
Percent Solids: 89.9

Method: EPA 1633A - Per- and Polyfluoroalkyl Substances by LC/MS/MS, 1633A (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Perfluorononanesulfonic acid (PFNS)	0.20	U	0.20	0.10	ug/Kg	☼	10/04/25 05:49	10/05/25 23:40	1
Perfluorodecanesulfonic acid (PFDS)	0.20	U *	0.20	0.10	ug/Kg	☼	10/04/25 05:49	10/05/25 23:40	1
Perfluorododecanesulfonic acid (PFDoS)	0.20	U *	0.20	0.10	ug/Kg	☼	10/04/25 05:49	10/05/25 23:40	1
1H,1H,2H,2H-Perfluorohexane sulfonic acid (4:2 FTS)	0.40	U	0.40	0.20	ug/Kg	☼	10/04/25 05:49	10/05/25 23:40	1
1H,1H,2H,2H-Perfluorooctane sulfonic acid (6:2 FTS)	0.40	U	0.40	0.20	ug/Kg	☼	10/04/25 05:49	10/05/25 23:40	1
1H,1H,2H,2H-Perfluorodecane sulfonic acid (8:2 FTS)	0.40	U	0.40	0.20	ug/Kg	☼	10/04/25 05:49	10/05/25 23:40	1
Perfluorooctanesulfonamide (PFOSA)	0.20	U	0.20	0.10	ug/Kg	☼	10/04/25 05:49	10/05/25 23:40	1
N-methylperfluorooctane sulfonamide (NMeFOSA)	0.20	U	0.20	0.10	ug/Kg	☼	10/04/25 05:49	10/05/25 23:40	1
N-ethylperfluorooctane sulfonamide (NEtFOSA)	0.20	U	0.20	0.10	ug/Kg	☼	10/04/25 05:49	10/05/25 23:40	1
N-methylperfluorooctanesulfonamidoacetic acid (NMeFOSAA)	0.20	U	0.20	0.10	ug/Kg	☼	10/04/25 05:49	10/05/25 23:40	1
N-ethylperfluorooctanesulfonamidoacetic acid (NEtFOSAA)	0.20	U	0.20	0.10	ug/Kg	☼	10/04/25 05:49	10/05/25 23:40	1
N-methylperfluorooctane sulfonamidoethanol (NMeFOSE)	1.00	U	1.00	0.50	ug/Kg	☼	10/04/25 05:49	10/05/25 23:40	1
N-ethylperfluorooctane sulfonamidoethanol (NEtFOSE)	1.00	U	1.00	0.50	ug/Kg	☼	10/04/25 05:49	10/05/25 23:40	1
Hexafluoropropylene Oxide Dimer Acid (HFPO-DA)	0.20	U	0.20	0.10	ug/Kg	☼	10/04/25 05:49	10/05/25 23:40	1
4,8-Dioxa-3H-perfluorononanoic acid (ADONA)	0.20	U	0.20	0.10	ug/Kg	☼	10/04/25 05:49	10/05/25 23:40	1
Perfluoro-3-methoxypropanoic acid (PFMPA)	0.20	U	0.20	0.10	ug/Kg	☼	10/04/25 05:49	10/05/25 23:40	1
Perfluoro-4-methoxybutanoic acid (PFMBA)	0.20	U	0.20	0.10	ug/Kg	☼	10/04/25 05:49	10/05/25 23:40	1
Nonafluoro-3,6-dioxaheptanoic acid (NFDHA)	0.20	U	0.20	0.10	ug/Kg	☼	10/04/25 05:49	10/05/25 23:40	1
9-Chlorohexadecafluoro-3-oxanonane-1-sulfonic acid (9Cl-PF3ONS)	0.20	U	0.20	0.10	ug/Kg	☼	10/04/25 05:49	10/05/25 23:40	1
11-Chloroeicosafluoro-3-oxaundecane-1-sulfonic acid (11Cl-PF3OUdS)	0.20	U *	0.20	0.10	ug/Kg	☼	10/04/25 05:49	10/05/25 23:40	1
Perfluoro (2-ethoxyethane) sulfonic acid (PFEESA)	0.20	U	0.20	0.10	ug/Kg	☼	10/04/25 05:49	10/05/25 23:40	1
3-Perfluoropropylpropanoic acid (3:3 FTCA)	0.40	U	0.40	0.20	ug/Kg	☼	10/04/25 05:49	10/05/25 23:40	1
3-Perfluoropentylpropanoic acid (5:3 FTCA)	1.00	U	1.00	0.50	ug/Kg	☼	10/04/25 05:49	10/05/25 23:40	1
3-Perfluoroheptylpropanoic acid (7:3 FTCA)	1.00	U	1.00	0.50	ug/Kg	☼	10/04/25 05:49	10/05/25 23:40	1

Isotope Dilution	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
13C4 PFBA	*109*		*8 - 130*	*10/04/25 05:49*	*10/05/25 23:40*	*1*
13C5 PFPeA	*105*		*35 - 130*	*10/04/25 05:49*	*10/05/25 23:40*	*1*
13C5 PFHxA	*105*		*40 - 130*	*10/04/25 05:49*	*10/05/25 23:40*	*1*
13C4 PFHpA	*108*		*40 - 130*	*10/04/25 05:49*	*10/05/25 23:40*	*1*
13C8 PFOA	*103*		*40 - 130*	*10/04/25 05:49*	*10/05/25 23:40*	*1*
13C9 PFNA	*100*		*40 - 130*	*10/04/25 05:49*	*10/05/25 23:40*	*1*
13C6 PFDA	*92.7*		*40 - 130*	*10/04/25 05:49*	*10/05/25 23:40*	*1*
13C7 PFUnA	*87.7*		*40 - 130*	*10/04/25 05:49*	*10/05/25 23:40*	*1*

Client Sample ID: 58C_0-5

Date Collected: 09/26/25 08:20
Date Received: 09/26/25 16:20

Lab Sample ID: 460-335806-5

Matrix: Solid
Percent Solids: 89.9

Method: EPA 1633A - Per- and Polyfluoroalkyl Substances by LC/MS/MS, 1633A (Continued)

Isotope Dilution	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
13C2 PFTeDA	69.6		20 - 130	10/04/25 05:49	10/05/25 23:40	1
13C3 PFBS	110		40 - 135	10/04/25 05:49	10/05/25 23:40	1
13C3 PFHxS	94.7		40 - 130	10/04/25 05:49	10/05/25 23:40	1
13C8 PFOS	88.6		40 - 130	10/04/25 05:49	10/05/25 23:40	1
13C8 FOSA	87.6		40 - 130	10/04/25 05:49	10/05/25 23:40	1
d3-NMeFOSAA	67.6		40 - 135	10/04/25 05:49	10/05/25 23:40	1
d5-NEtFOSAA	92.0		40 - 150	10/04/25 05:49	10/05/25 23:40	1
13C2 4:2 FTS	122		40 - 165	10/04/25 05:49	10/05/25 23:40	1
13C2 6:2 FTS	108		40 - 215	10/04/25 05:49	10/05/25 23:40	1
13C2 8:2 FTS	74.4		40 - 275	10/04/25 05:49	10/05/25 23:40	1
13C3 HFPO-DA	104		40 - 130	10/04/25 05:49	10/05/25 23:40	1
d7-N-MeFOSE-M	50.1		20 - 130	10/04/25 05:49	10/05/25 23:40	1
d9-N-EtFOSE-M	41.1		15 - 130	10/04/25 05:49	10/05/25 23:40	1
d5-NEtPFOSA	70.0		10 - 130	10/04/25 05:49	10/05/25 23:40	1
d3-NMePFOSA	80.4		10 - 130	10/04/25 05:49	10/05/25 23:40	1
13C2 PFDoA	79.3		40 - 130	10/04/25 05:49	10/05/25 23:40	1

Method: SW846 6020B - Metals (ICP/MS)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Aluminum	8580		20.6	5.7	mg/Kg	☼	10/03/25 07:27	10/03/25 21:55	1
Antimony	0.69	J	1.0	0.15	mg/Kg	☼	10/03/25 07:27	10/03/25 21:55	1
Arsenic	7.0		1.0	0.11	mg/Kg	☼	10/03/25 07:27	10/03/25 21:55	1
Barium	66.3		2.1	0.15	mg/Kg	☼	10/03/25 07:27	10/03/25 21:55	1
Beryllium	0.60		0.41	0.023	mg/Kg	☼	10/03/25 07:27	10/03/25 21:55	1
Cadmium	0.50	J	1.0	0.12	mg/Kg	☼	10/03/25 07:27	10/03/25 21:55	1
Calcium	20800		103	10.0	mg/Kg	☼	10/03/25 07:27	10/03/25 21:55	1
Chromium	18.1		2.1	0.31	mg/Kg	☼	10/03/25 07:27	10/03/25 21:55	1
Cobalt	7.0		1.0	0.15	mg/Kg	☼	10/03/25 07:27	10/03/25 21:55	1
Copper	45.9		2.1	0.38	mg/Kg	☼	10/03/25 07:27	10/03/25 21:55	1
Iron	19300		61.8	7.9	mg/Kg	☼	10/03/25 07:27	10/03/25 21:55	1
Lead	254		0.62	0.21	mg/Kg	☼	10/03/25 07:27	10/03/25 21:55	1
Magnesium	11700		103	10.5	mg/Kg	☼	10/03/25 07:27	10/03/25 21:55	1
Manganese	354		4.1	0.42	mg/Kg	☼	10/03/25 07:27	10/03/25 21:55	1
Nickel	15.5		2.1	0.18	mg/Kg	☼	10/03/25 07:27	10/03/25 21:55	1
Potassium	1150		103	16.7	mg/Kg	☼	10/03/25 07:27	10/03/25 21:55	1
Selenium	0.25	J	1.3	0.13	mg/Kg	☼	10/03/25 07:27	10/03/25 21:55	1
Silver	0.35	J	0.41	0.092	mg/Kg	☼	10/03/25 07:27	10/03/25 21:55	1
Sodium	119		103	47.1	mg/Kg	☼	10/03/25 07:27	10/03/25 21:55	1
Thallium	0.12	J	0.41	0.042	mg/Kg	☼	10/03/25 07:27	10/03/25 21:55	1
Vanadium	26.5		2.1	0.21	mg/Kg	☼	10/03/25 07:27	10/03/25 21:55	1
Zinc	158		8.2	1.1	mg/Kg	☼	10/03/25 07:27	10/03/25 21:55	1

Method: SW846 7471B - Mercury (CVAA)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	0.075		0.017	0.0082	mg/Kg	☼	10/03/25 01:44	10/03/25 10:12	1

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Percent Moisture (EPA Moisture)	10.1		1.0	1.0	%			10/01/25 18:45	1
Percent Solids (EPA Moisture)	89.9		1.0	1.0	%			10/01/25 18:45	1

Client: Haley & Aldrich, Inc.
Project/Site: Former Port Mobil

Job ID: 460-335806-1

Client Sample ID: 58C_5-10
Date Collected: 09/26/25 08:25
Date Received: 09/26/25 16:20

Lab Sample ID: 460-335806-6
Matrix: Solid
Percent Solids: 86.6

Method: SW846 8270E - Semivolatile Organic Compounds (GC/MS)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1'-Biphenyl	0.38	U	0.38	0.013	mg/Kg	☼	09/27/25 15:56	09/28/25 10:14	1
1,2,4,5-Tetrachlorobenzene	0.38	U	0.38	0.012	mg/Kg	☼	09/27/25 15:56	09/28/25 10:14	1
1,4-Dioxane	0.038	U	0.038	0.033	mg/Kg	☼	09/27/25 15:56	09/28/25 10:14	1
2,2'-oxybis[1-chloropropane]	0.38	U	0.38	0.023	mg/Kg	☼	09/27/25 15:56	09/28/25 10:14	1
2,3,4,6-Tetrachlorophenol	0.38	U	0.38	0.026	mg/Kg	☼	09/27/25 15:56	09/28/25 10:14	1
2,4,5-Trichlorophenol	0.38	U	0.38	0.039	mg/Kg	☼	09/27/25 15:56	09/28/25 10:14	1
2,4,6-Trichlorophenol	0.15	U	0.15	0.049	mg/Kg	☼	09/27/25 15:56	09/28/25 10:14	1
2,4-Dichlorophenol	0.15	U	0.15	0.024	mg/Kg	☼	09/27/25 15:56	09/28/25 10:14	1
2,4-Dimethylphenol	0.38	U	0.38	0.045	mg/Kg	☼	09/27/25 15:56	09/28/25 10:14	1
2,4-Dinitrophenol	0.31	U	0.31	0.19	mg/Kg	☼	09/27/25 15:56	09/28/25 10:14	1
2,4-Dinitrotoluene	0.077	U	0.077	0.041	mg/Kg	☼	09/27/25 15:56	09/28/25 10:14	1
2,6-Dinitrotoluene	0.077	U	0.077	0.027	mg/Kg	☼	09/27/25 15:56	09/28/25 10:14	1
2-Chloronaphthalene	0.38	U	0.38	0.049	mg/Kg	☼	09/27/25 15:56	09/28/25 10:14	1
2-Chlorophenol	0.38	U	0.38	0.014	mg/Kg	☼	09/27/25 15:56	09/28/25 10:14	1
2-Methylnaphthalene	0.38	U	0.38	0.011	mg/Kg	☼	09/27/25 15:56	09/28/25 10:14	1
2-Methylphenol	0.38	U	0.38	0.014	mg/Kg	☼	09/27/25 15:56	09/28/25 10:14	1
2-Nitroaniline	0.38	U	0.38	0.029	mg/Kg	☼	09/27/25 15:56	09/28/25 10:14	1
2-Nitrophenol	0.38	U	0.38	0.038	mg/Kg	☼	09/27/25 15:56	09/28/25 10:14	1
3 & 4 Methylphenol	0.38	U	0.38	0.024	mg/Kg	☼	09/27/25 15:56	09/28/25 10:14	1
3,3'-Dichlorobenzidine	0.15	U	0.15	0.057	mg/Kg	☼	09/27/25 15:56	09/28/25 10:14	1
3-Nitroaniline	0.38	U	0.38	0.090	mg/Kg	☼	09/27/25 15:56	09/28/25 10:14	1
4,6-Dinitro-2-methylphenol	0.31	U	0.31	0.16	mg/Kg	☼	09/27/25 15:56	09/28/25 10:14	1
4-Bromophenyl phenyl ether	0.38	U	0.38	0.015	mg/Kg	☼	09/27/25 15:56	09/28/25 10:14	1
4-Chloro-3-methylphenol	0.38	U	0.38	0.021	mg/Kg	☼	09/27/25 15:56	09/28/25 10:14	1
4-Chloroaniline	0.38	U	0.38	0.067	mg/Kg	☼	09/27/25 15:56	09/28/25 10:14	1
4-Chlorophenyl phenyl ether	0.38	U	0.38	0.013	mg/Kg	☼	09/27/25 15:56	09/28/25 10:14	1
4-Methylphenol	0.38	U	0.38	0.024	mg/Kg	☼	09/27/25 15:56	09/28/25 10:14	1
4-Nitroaniline	0.38	U	0.38	0.096	mg/Kg	☼	09/27/25 15:56	09/28/25 10:14	1
4-Nitrophenol	0.77	U	0.77	0.062	mg/Kg	☼	09/27/25 15:56	09/28/25 10:14	1
Acenaphthene	0.38	U	0.38	0.011	mg/Kg	☼	09/27/25 15:56	09/28/25 10:14	1
Acenaphthylene	0.38	U	0.38	0.011	mg/Kg	☼	09/27/25 15:56	09/28/25 10:14	1
Acetophenone	0.38	U	0.38	0.019	mg/Kg	☼	09/27/25 15:56	09/28/25 10:14	1
Anthracene	0.38	U	0.38	0.012	mg/Kg	☼	09/27/25 15:56	09/28/25 10:14	1
Atrazine	0.15	U	0.15	0.022	mg/Kg	☼	09/27/25 15:56	09/28/25 10:14	1
Benzaldehyde	0.38	U	0.38	0.063	mg/Kg	☼	09/27/25 15:56	09/28/25 10:14	1
Benzo[a]anthracene	0.038	U	0.038	0.029	mg/Kg	☼	09/27/25 15:56	09/28/25 10:14	1
Benzo[a]pyrene	0.038	U	0.038	0.010	mg/Kg	☼	09/27/25 15:56	09/28/25 10:14	1
Benzo[b]fluoranthene	0.038	U	0.038	0.0098	mg/Kg	☼	09/27/25 15:56	09/28/25 10:14	1
Benzo[g,h,i]perylene	0.38	U	0.38	0.011	mg/Kg	☼	09/27/25 15:56	09/28/25 10:14	1
Benzo[k]fluoranthene	0.038	U	0.038	0.0075	mg/Kg	☼	09/27/25 15:56	09/28/25 10:14	1
Bis(2-chloroethoxy)methane	0.38	U	0.38	0.070	mg/Kg	☼	09/27/25 15:56	09/28/25 10:14	1
Bis(2-chloroethyl)ether	0.038	U	0.038	0.013	mg/Kg	☼	09/27/25 15:56	09/28/25 10:14	1
Bis(2-ethylhexyl) phthalate	0.38	U	0.38	0.020	mg/Kg	☼	09/27/25 15:56	09/28/25 10:14	1
Butyl benzyl phthalate	0.38	U	0.38	0.018	mg/Kg	☼	09/27/25 15:56	09/28/25 10:14	1
Caprolactam	0.38	U	0.38	0.059	mg/Kg	☼	09/27/25 15:56	09/28/25 10:14	1
Carbazole	0.38	U	0.38	0.014	mg/Kg	☼	09/27/25 15:56	09/28/25 10:14	1
Chrysene	0.38	U	0.38	0.016	mg/Kg	☼	09/27/25 15:56	09/28/25 10:14	1
Dibenz(a,h)anthracene	0.038	U	0.038	0.016	mg/Kg	☼	09/27/25 15:56	09/28/25 10:14	1
Dibenzofuran	0.38	U	0.38	0.013	mg/Kg	☼	09/27/25 15:56	09/28/25 10:14	1

Client Sample ID: 58C_5-10
Date Collected: 09/26/25 08:25
Date Received: 09/26/25 16:20

Lab Sample ID: 460-335806-6
Matrix: Solid
Percent Solids: 86.6

Method: SW846 8270E - Semivolatile Organic Compounds (GC/MS) (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Diethyl phthalate	0.38	U	0.38	0.012	mg/Kg	☼	09/27/25 15:56	09/28/25 10:14	1
Dimethyl phthalate	0.38	U	0.38	0.086	mg/Kg	☼	09/27/25 15:56	09/28/25 10:14	1
Di-n-butyl phthalate	0.38	U	0.38	0.014	mg/Kg	☼	09/27/25 15:56	09/28/25 10:14	1
Di-n-octyl phthalate	0.38	U	0.38	0.020	mg/Kg	☼	09/27/25 15:56	09/28/25 10:14	1
Fluoranthene	0.38	U	0.38	0.013	mg/Kg	☼	09/27/25 15:56	09/28/25 10:14	1
Fluorene	0.38	U	0.38	0.011	mg/Kg	☼	09/27/25 15:56	09/28/25 10:14	1
Hexachlorobenzene	0.038	U	0.038	0.018	mg/Kg	☼	09/27/25 15:56	09/28/25 10:14	1
Hexachlorobutadiene	0.077	U	0.077	0.0081	mg/Kg	☼	09/27/25 15:56	09/28/25 10:14	1
Hexachlorocyclopentadiene	0.38	U	0.38	0.033	mg/Kg	☼	09/27/25 15:56	09/28/25 10:14	1
Hexachloroethane	0.038	U	0.038	0.013	mg/Kg	☼	09/27/25 15:56	09/28/25 10:14	1
Indeno[1,2,3-cd]pyrene	0.038	U	0.038	0.015	mg/Kg	☼	09/27/25 15:56	09/28/25 10:14	1
Isophorone	0.15	U	0.15	0.11	mg/Kg	☼	09/27/25 15:56	09/28/25 10:14	1
Naphthalene	0.38	U	0.38	0.0066	mg/Kg	☼	09/27/25 15:56	09/28/25 10:14	1
Nitrobenzene	0.038	U	0.038	0.021	mg/Kg	☼	09/27/25 15:56	09/28/25 10:14	1
N-Nitrosodi-n-propylamine	0.038	U	0.038	0.028	mg/Kg	☼	09/27/25 15:56	09/28/25 10:14	1
N-Nitrosodiphenylamine	0.38	U	0.38	0.031	mg/Kg	☼	09/27/25 15:56	09/28/25 10:14	1
Pentachlorophenol	0.31	U	0.31	0.078	mg/Kg	☼	09/27/25 15:56	09/28/25 10:14	1
Phenanthrene	0.38	U	0.38	0.016	mg/Kg	☼	09/27/25 15:56	09/28/25 10:14	1
Phenol	0.38	U	0.38	0.014	mg/Kg	☼	09/27/25 15:56	09/28/25 10:14	1
Pyrene	0.38	U	0.38	0.0095	mg/Kg	☼	09/27/25 15:56	09/28/25 10:14	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
2,4,6-Tribromophenol (Surr)	*64*		*18 - 137*	*09/27/25 15:56*	*09/28/25 10:14*	*1*
2-Fluorobiphenyl	*62*		*33 - 117*	*09/27/25 15:56*	*09/28/25 10:14*	*1*
2-Fluorophenol (Surr)	*63*		*24 - 120*	*09/27/25 15:56*	*09/28/25 10:14*	*1*
Nitrobenzene-d5 (Surr)	*64*		*27 - 120*	*09/27/25 15:56*	*09/28/25 10:14*	*1*
Phenol-d5 (Surr)	*62*		*28 - 118*	*09/27/25 15:56*	*09/28/25 10:14*	*1*
Terphenyl-d14 (Surr)	*64*		*33 - 124*	*09/27/25 15:56*	*09/28/25 10:14*	*1*

Method: SW846 8081B - Organochlorine Pesticides (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
4,4'-DDD	0.0077	U	0.0077	0.0013	mg/Kg	☼	09/27/25 19:17	09/28/25 16:32	1
4,4'-DDE	0.0077	U	0.0077	0.00091	mg/Kg	☼	09/27/25 19:17	09/28/25 16:32	1
4,4'-DDT	0.0077	U	0.0077	0.0014	mg/Kg	☼	09/27/25 19:17	09/28/25 16:32	1
Aldrin	0.0077	U	0.0077	0.0012	mg/Kg	☼	09/27/25 19:17	09/28/25 16:32	1
alpha-BHC	0.0023	U	0.0023	0.00079	mg/Kg	☼	09/27/25 19:17	09/28/25 16:32	1
beta-BHC	0.0023	U	0.0023	0.00087	mg/Kg	☼	09/27/25 19:17	09/28/25 16:32	1
Chlordane (technical)	0.077	U	0.077	0.019	mg/Kg	☼	09/27/25 19:17	09/28/25 16:32	1
cis-Chlordane	0.0077	U	0.0077	0.0012	mg/Kg	☼	09/27/25 19:17	09/28/25 16:32	1
delta-BHC	0.0023	U	0.0023	0.00047	mg/Kg	☼	09/27/25 19:17	09/28/25 16:32	1
Dieldrin	0.0023	U	0.0023	0.0010	mg/Kg	☼	09/27/25 19:17	09/28/25 16:32	1
Endosulfan I	0.0077	U	0.0077	0.0012	mg/Kg	☼	09/27/25 19:17	09/28/25 16:32	1
Endosulfan II	0.0077	U	0.0077	0.0020	mg/Kg	☼	09/27/25 19:17	09/28/25 16:32	1
Endosulfan sulfate	0.0077	U	0.0077	0.00097	mg/Kg	☼	09/27/25 19:17	09/28/25 16:32	1
Endrin	0.0077	U	0.0077	0.0011	mg/Kg	☼	09/27/25 19:17	09/28/25 16:32	1
Endrin aldehyde	0.0077	U	0.0077	0.0018	mg/Kg	☼	09/27/25 19:17	09/28/25 16:32	1
Endrin ketone	0.0077	U	0.0077	0.0015	mg/Kg	☼	09/27/25 19:17	09/28/25 16:32	1
gamma-BHC (Lindane)	0.0023	U	0.0023	0.00072	mg/Kg	☼	09/27/25 19:17	09/28/25 16:32	1
Heptachlor	0.0077	U	0.0077	0.00091	mg/Kg	☼	09/27/25 19:17	09/28/25 16:32	1
Heptachlor epoxide	0.0077	U	0.0077	0.0012	mg/Kg	☼	09/27/25 19:17	09/28/25 16:32	1

Client Sample ID: 58C_5-10

Date Collected: 09/26/25 08:25
Date Received: 09/26/25 16:20

Lab Sample ID: 460-335806-6

Matrix: Solid
Percent Solids: 86.6

Method: SW846 8081B - Organochlorine Pesticides (GC) (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Methoxychlor	0.0077	U	0.0077	0.0018	mg/Kg	☼	09/27/25 19:17	09/28/25 16:32	1
Toxaphene	0.077	U	0.077	0.028	mg/Kg	☼	09/27/25 19:17	09/28/25 16:32	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
DCB Decachlorobiphenyl	*106*		*10 - 150*	*09/27/25 19:17*	*09/28/25 16:32*	*1*
DCB Decachlorobiphenyl	*106*		*10 - 150*	*09/27/25 19:17*	*09/28/25 16:32*	*1*
Tetrachloro-m-xylene	*97*		*14 - 150*	*09/27/25 19:17*	*09/28/25 16:32*	*1*
Tetrachloro-m-xylene	*95*		*14 - 150*	*09/27/25 19:17*	*09/28/25 16:32*	*1*

Method: SW846 8082A - Polychlorinated Biphenyls (PCBs) by Gas Chromatography

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Aroclor 1016	0.077	U	0.077	0.021	mg/Kg	☼	09/27/25 19:15	09/28/25 11:54	1
Aroclor 1221	0.077	U	0.077	0.021	mg/Kg	☼	09/27/25 19:15	09/28/25 11:54	1
Aroclor 1232	0.077	U	0.077	0.021	mg/Kg	☼	09/27/25 19:15	09/28/25 11:54	1
Aroclor 1242	0.077	U	0.077	0.021	mg/Kg	☼	09/27/25 19:15	09/28/25 11:54	1
Aroclor 1248	0.077	U	0.077	0.021	mg/Kg	☼	09/27/25 19:15	09/28/25 11:54	1
Aroclor 1254	0.077	U	0.077	0.021	mg/Kg	☼	09/27/25 19:15	09/28/25 11:54	1
Aroclor 1260	0.077	U	0.077	0.021	mg/Kg	☼	09/27/25 19:15	09/28/25 11:54	1
Aroclor-1262	0.077	U	0.077	0.021	mg/Kg	☼	09/27/25 19:15	09/28/25 11:54	1
Aroclor 1268	0.077	U	0.077	0.021	mg/Kg	☼	09/27/25 19:15	09/28/25 11:54	1
Polychlorinated biphenyls, Total	0.077	U	0.077	0.021	mg/Kg	☼	09/27/25 19:15	09/28/25 11:54	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
DCB Decachlorobiphenyl	*126*		*10 - 150*	*09/27/25 19:15*	*09/28/25 11:54*	*1*
DCB Decachlorobiphenyl	*130*		*10 - 150*	*09/27/25 19:15*	*09/28/25 11:54*	*1*
Tetrachloro-m-xylene	*112*		*10 - 150*	*09/27/25 19:15*	*09/28/25 11:54*	*1*
Tetrachloro-m-xylene	*110*		*10 - 150*	*09/27/25 19:15*	*09/28/25 11:54*	*1*

Method: EPA 1633A - Per- and Polyfluoroalkyl Substances by LC/MS/MS, 1633A

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Perfluorobutanoic acid (PFBA)	0.40	U	0.40	0.10	ug/Kg	☼	10/04/25 05:49	10/05/25 23:54	1
Perfluoropentanoic acid (PFPeA)	0.20	U	0.20	0.10	ug/Kg	☼	10/04/25 05:49	10/05/25 23:54	1
Perfluorohexanoic acid (PFHxA)	0.20	U	0.20	0.10	ug/Kg	☼	10/04/25 05:49	10/05/25 23:54	1
Perfluoroheptanoic acid (PFHpA)	0.20	U	0.20	0.10	ug/Kg	☼	10/04/25 05:49	10/05/25 23:54	1
Perfluorooctanoic acid (PFOA)	**0.092**	**J**	0.20	0.060	ug/Kg	☼	10/04/25 05:49	10/05/25 23:54	1
Perfluorononanoic acid (PFNA)	**0.33**		0.20	0.10	ug/Kg	☼	10/04/25 05:49	10/05/25 23:54	1
Perfluorodecanoic acid (PFDA)	**0.41**		0.20	0.060	ug/Kg	☼	10/04/25 05:49	10/05/25 23:54	1
Perfluoroundecanoic acid (PFUnA)	**2.31**		0.20	0.10	ug/Kg	☼	10/04/25 05:49	10/05/25 23:54	1
Perfluorododecanoic acid (PFDoA)	**0.36**		0.20	0.10	ug/Kg	☼	10/04/25 05:49	10/05/25 23:54	1
Perfluorotridecanoic acid (PFTrDA)	**1.77**		0.20	0.10	ug/Kg	☼	10/04/25 05:49	10/05/25 23:54	1
Perfluorotetradecanoic acid (PFTeDA)	**0.11**	**J**	0.20	0.10	ug/Kg	☼	10/04/25 05:49	10/05/25 23:54	1
Perfluorobutanesulfonic acid (PFBS)	0.20	U	0.20	0.10	ug/Kg	☼	10/04/25 05:49	10/05/25 23:54	1
Perfluoropentanesulfonic acid (PFPeS)	0.20	U	0.20	0.10	ug/Kg	☼	10/04/25 05:49	10/05/25 23:54	1
Perfluorohexanesulfonic acid (PFHxS)	0.20	U	0.20	0.10	ug/Kg	☼	10/04/25 05:49	10/05/25 23:54	1
Perfluoroheptanesulfonic acid (PFHpS)	0.20	U	0.20	0.10	ug/Kg	☼	10/04/25 05:49	10/05/25 23:54	1
Perfluorooctanesulfonic acid (PFOS)	0.20	U	0.20	0.10	ug/Kg	☼	10/04/25 05:49	10/05/25 23:54	1

Client Sample ID: 58C_5-10
Date Collected: 09/26/25 08:25
Date Received: 09/26/25 16:20

Lab Sample ID: 460-335806-6
Matrix: Solid
Percent Solids: 86.6

Method: EPA 1633A - Per- and Polyfluoroalkyl Substances by LC/MS/MS, 1633A (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Perfluorononanesulfonic acid (PFNS)	0.20	U	0.20	0.10	ug/Kg	☼	10/04/25 05:49	10/05/25 23:54	1
Perfluorodecanesulfonic acid (PFDS)	0.20	U *	0.20	0.10	ug/Kg	☼	10/04/25 05:49	10/05/25 23:54	1
Perfluorododecanesulfonic acid (PFDoS)	0.20	U *	0.20	0.10	ug/Kg	☼	10/04/25 05:49	10/05/25 23:54	1
1H,1H,2H,2H-Perfluorohexane sulfonic acid (4:2 FTS)	0.40	U	0.40	0.20	ug/Kg	☼	10/04/25 05:49	10/05/25 23:54	1
1H,1H,2H,2H-Perfluorooctane sulfonic acid (6:2 FTS)	0.40	U	0.40	0.20	ug/Kg	☼	10/04/25 05:49	10/05/25 23:54	1
1H,1H,2H,2H-Perfluorodecane sulfonic acid (8:2 FTS)	0.40	U	0.40	0.20	ug/Kg	☼	10/04/25 05:49	10/05/25 23:54	1
Perfluorooctanesulfonamide (PFOSA)	0.20	U	0.20	0.10	ug/Kg	☼	10/04/25 05:49	10/05/25 23:54	1
N-methylperfluorooctane sulfonamide (NMeFOSA)	0.20	U	0.20	0.10	ug/Kg	☼	10/04/25 05:49	10/05/25 23:54	1
N-ethylperfluorooctane sulfonamide (NEtFOSA)	0.20	U	0.20	0.10	ug/Kg	☼	10/04/25 05:49	10/05/25 23:54	1
N-methylperfluorooctanesulfonamidoacetic acid (NMeFOSAA)	0.20	U	0.20	0.10	ug/Kg	☼	10/04/25 05:49	10/05/25 23:54	1
N-ethylperfluorooctanesulfonamidoacetic acid (NEtFOSAA)	0.20	U	0.20	0.10	ug/Kg	☼	10/04/25 05:49	10/05/25 23:54	1
N-methylperfluorooctane sulfonamidoethanol (NMeFOSE)	1.0	U	1.0	0.50	ug/Kg	☼	10/04/25 05:49	10/05/25 23:54	1
N-ethylperfluorooctane sulfonamidoethanol (NEtFOSE)	1.0	U	1.0	0.50	ug/Kg	☼	10/04/25 05:49	10/05/25 23:54	1
Hexafluoropropylene Oxide Dimer Acid (HFPO-DA)	0.20	U	0.20	0.10	ug/Kg	☼	10/04/25 05:49	10/05/25 23:54	1
4,8-Dioxa-3H-perfluorononanoic acid (ADONA)	0.20	U	0.20	0.10	ug/Kg	☼	10/04/25 05:49	10/05/25 23:54	1
Perfluoro-3-methoxypropanoic acid (PFMPA)	0.20	U	0.20	0.10	ug/Kg	☼	10/04/25 05:49	10/05/25 23:54	1
Perfluoro-4-methoxybutanoic acid (PFMBA)	0.20	U	0.20	0.10	ug/Kg	☼	10/04/25 05:49	10/05/25 23:54	1
Nonafluoro-3,6-dioxaheptanoic acid (NFDHA)	0.20	U	0.20	0.10	ug/Kg	☼	10/04/25 05:49	10/05/25 23:54	1
9-Chlorohexadecafluoro-3-oxanonane-1-sulfonic acid (9Cl-PF3ONS)	0.20	U	0.20	0.10	ug/Kg	☼	10/04/25 05:49	10/05/25 23:54	1
11-Chloroeicosafluoro-3-oxaundecane-1-sulfonic acid (11Cl-PF3OUdS)	0.20	U *	0.20	0.10	ug/Kg	☼	10/04/25 05:49	10/05/25 23:54	1
Perfluoro (2-ethoxyethane) sulfonic acid (PFEESA)	0.20	U	0.20	0.10	ug/Kg	☼	10/04/25 05:49	10/05/25 23:54	1
3-Perfluoropropylpropanoic acid (3:3 FTCA)	0.40	U	0.40	0.20	ug/Kg	☼	10/04/25 05:49	10/05/25 23:54	1
3-Perfluoropentylpropanoic acid (5:3 FTCA)	1.0	U	1.0	0.50	ug/Kg	☼	10/04/25 05:49	10/05/25 23:54	1
3-Perfluoroheptylpropanoic acid (7:3 FTCA)	1.0	U	1.0	0.50	ug/Kg	☼	10/04/25 05:49	10/05/25 23:54	1

Isotope Dilution	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
13C4 PFBA	*110*		*8 - 130*	*10/04/25 05:49*	*10/05/25 23:54*	*1*
13C5 PFPeA	*109*		*35 - 130*	*10/04/25 05:49*	*10/05/25 23:54*	*1*
13C5 PFHxA	*111*		*40 - 130*	*10/04/25 05:49*	*10/05/25 23:54*	*1*
13C4 PFHpA	*111*		*40 - 130*	*10/04/25 05:49*	*10/05/25 23:54*	*1*
13C8 PFOA	*102*		*40 - 130*	*10/04/25 05:49*	*10/05/25 23:54*	*1*
13C9 PFNA	*106*		*40 - 130*	*10/04/25 05:49*	*10/05/25 23:54*	*1*
13C6 PFDA	*93.2*		*40 - 130*	*10/04/25 05:49*	*10/05/25 23:54*	*1*
13C7 PFUnA	*83.6*		*40 - 130*	*10/04/25 05:49*	*10/05/25 23:54*	*1*

Client Sample ID: 58C_5-10

Date Collected: 09/26/25 08:25
Date Received: 09/26/25 16:20

Lab Sample ID: 460-335806-6

Matrix: Solid
Percent Solids: 86.6

Method: EPA 1633A - Per- and Polyfluoroalkyl Substances by LC/MS/MS, 1633A (Continued)

Isotope Dilution	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
13C2 PFTeDA	62.1		20 - 130	10/04/25 05:49	10/05/25 23:54	1
13C3 PFBS	111		40 - 135	10/04/25 05:49	10/05/25 23:54	1
13C3 PFHxS	96.1		40 - 130	10/04/25 05:49	10/05/25 23:54	1
13C8 PFOS	90.2		40 - 130	10/04/25 05:49	10/05/25 23:54	1
13C8 FOSA	84.5		40 - 130	10/04/25 05:49	10/05/25 23:54	1
d3-NMeFOSAA	68.6		40 - 135	10/04/25 05:49	10/05/25 23:54	1
d5-NEtFOSAA	88.0		40 - 150	10/04/25 05:49	10/05/25 23:54	1
13C2 4:2 FTS	122		40 - 165	10/04/25 05:49	10/05/25 23:54	1
13C2 6:2 FTS	114		40 - 215	10/04/25 05:49	10/05/25 23:54	1
13C2 8:2 FTS	74.7		40 - 275	10/04/25 05:49	10/05/25 23:54	1
13C3 HFPO-DA	108		40 - 130	10/04/25 05:49	10/05/25 23:54	1
d7-N-MeFOSE-M	42.3		20 - 130	10/04/25 05:49	10/05/25 23:54	1
d9-N-EtFOSE-M	34.2		15 - 130	10/04/25 05:49	10/05/25 23:54	1
d5-NEtPFOSA	60.1		10 - 130	10/04/25 05:49	10/05/25 23:54	1
d3-NMePFOSA	70.4		10 - 130	10/04/25 05:49	10/05/25 23:54	1
13C2 PFDoA	75.0		40 - 130	10/04/25 05:49	10/05/25 23:54	1

Method: SW846 6020B - Metals (ICP/MS)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Aluminum	9510		20.6	5.7	mg/Kg	☼	10/03/25 07:27	10/03/25 21:57	1
Antimony	0.96	J	1.0	0.15	mg/Kg	☼	10/03/25 07:27	10/03/25 21:57	1
Arsenic	8.5		1.0	0.11	mg/Kg	☼	10/03/25 07:27	10/03/25 21:57	1
Barium	65.5		2.1	0.15	mg/Kg	☼	10/03/25 07:27	10/03/25 21:57	1
Beryllium	0.69		0.41	0.023	mg/Kg	☼	10/03/25 07:27	10/03/25 21:57	1
Cadmium	0.69	J	1.0	0.12	mg/Kg	☼	10/03/25 07:27	10/03/25 21:57	1
Calcium	18600		103	10.0	mg/Kg	☼	10/03/25 07:27	10/03/25 21:57	1
Chromium	18.9		2.1	0.31	mg/Kg	☼	10/03/25 07:27	10/03/25 21:57	1
Cobalt	9.4		1.0	0.15	mg/Kg	☼	10/03/25 07:27	10/03/25 21:57	1
Copper	69.8		2.1	0.38	mg/Kg	☼	10/03/25 07:27	10/03/25 21:57	1
Iron	23100		61.8	7.9	mg/Kg	☼	10/03/25 07:27	10/03/25 21:57	1
Lead	286		0.62	0.21	mg/Kg	☼	10/03/25 07:27	10/03/25 21:57	1
Magnesium	12900		103	10.5	mg/Kg	☼	10/03/25 07:27	10/03/25 21:57	1
Manganese	441		4.1	0.42	mg/Kg	☼	10/03/25 07:27	10/03/25 21:57	1
Nickel	21.0		2.1	0.18	mg/Kg	☼	10/03/25 07:27	10/03/25 21:57	1
Potassium	1340		103	16.7	mg/Kg	☼	10/03/25 07:27	10/03/25 21:57	1
Selenium	0.30	J	1.3	0.13	mg/Kg	☼	10/03/25 07:27	10/03/25 21:57	1
Silver	0.59		0.41	0.092	mg/Kg	☼	10/03/25 07:27	10/03/25 21:57	1
Sodium	119		103	47.1	mg/Kg	☼	10/03/25 07:27	10/03/25 21:57	1
Thallium	0.13	J	0.41	0.042	mg/Kg	☼	10/03/25 07:27	10/03/25 21:57	1
Vanadium	32.5		2.1	0.21	mg/Kg	☼	10/03/25 07:27	10/03/25 21:57	1
Zinc	126		8.2	1.1	mg/Kg	☼	10/03/25 07:27	10/03/25 21:57	1

Method: SW846 7471B - Mercury (CVAA)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	0.050		0.018	0.0087	mg/Kg	☼	10/03/25 01:44	10/03/25 10:14	1

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Percent Moisture (EPA Moisture)	13.4		1.0	1.0	%			10/01/25 18:45	1
Percent Solids (EPA Moisture)	86.6		1.0	1.0	%			10/01/25 18:45	1

Client: Haley & Aldrich, Inc.
Project/Site: Former Port Mobil

Job ID: 460-335806-1

Client Sample ID: 58D_0-5
Date Collected: 09/26/25 08:30
Date Received: 09/26/25 16:20

Lab Sample ID: 460-335806-7
Matrix: Solid
Percent Solids: 96.8

Method: SW846 8270E - Semivolatile Organic Compounds (GC/MS)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1'-Biphenyl	0.34	U	0.34	0.012	mg/Kg	☼	09/27/25 15:56	09/28/25 10:39	1
1,2,4,5-Tetrachlorobenzene	0.34	U	0.34	0.011	mg/Kg	☼	09/27/25 15:56	09/28/25 10:39	1
1,4-Dioxane	0.034	U	0.034	0.030	mg/Kg	☼	09/27/25 15:56	09/28/25 10:39	1
2,2'-oxybis[1-chloropropane]	0.34	U	0.34	0.020	mg/Kg	☼	09/27/25 15:56	09/28/25 10:39	1
2,3,4,6-Tetrachlorophenol	0.34	U	0.34	0.023	mg/Kg	☼	09/27/25 15:56	09/28/25 10:39	1
2,4,5-Trichlorophenol	0.34	U	0.34	0.034	mg/Kg	☼	09/27/25 15:56	09/28/25 10:39	1
2,4,6-Trichlorophenol	0.14	U	0.14	0.043	mg/Kg	☼	09/27/25 15:56	09/28/25 10:39	1
2,4-Dichlorophenol	0.14	U	0.14	0.022	mg/Kg	☼	09/27/25 15:56	09/28/25 10:39	1
2,4-Dimethylphenol	0.34	U	0.34	0.040	mg/Kg	☼	09/27/25 15:56	09/28/25 10:39	1
2,4-Dinitrophenol	0.27	U	0.27	0.17	mg/Kg	☼	09/27/25 15:56	09/28/25 10:39	1
2,4-Dinitrotoluene	0.068	U	0.068	0.036	mg/Kg	☼	09/27/25 15:56	09/28/25 10:39	1
2,6-Dinitrotoluene	0.068	U	0.068	0.024	mg/Kg	☼	09/27/25 15:56	09/28/25 10:39	1
2-Chloronaphthalene	0.34	U	0.34	0.043	mg/Kg	☼	09/27/25 15:56	09/28/25 10:39	1
2-Chlorophenol	0.34	U	0.34	0.012	mg/Kg	☼	09/27/25 15:56	09/28/25 10:39	1
2-Methylnaphthalene	0.34	U	0.34	0.0095	mg/Kg	☼	09/27/25 15:56	09/28/25 10:39	1
2-Methylphenol	0.34	U	0.34	0.013	mg/Kg	☼	09/27/25 15:56	09/28/25 10:39	1
2-Nitroaniline	0.34	U	0.34	0.026	mg/Kg	☼	09/27/25 15:56	09/28/25 10:39	1
2-Nitrophenol	0.34	U	0.34	0.034	mg/Kg	☼	09/27/25 15:56	09/28/25 10:39	1
3 & 4 Methylphenol	0.34	U	0.34	0.021	mg/Kg	☼	09/27/25 15:56	09/28/25 10:39	1
3,3'-Dichlorobenzidine	0.14	U	0.14	0.051	mg/Kg	☼	09/27/25 15:56	09/28/25 10:39	1
3-Nitroaniline	0.34	U	0.34	0.080	mg/Kg	☼	09/27/25 15:56	09/28/25 10:39	1
4,6-Dinitro-2-methylphenol	0.27	U	0.27	0.14	mg/Kg	☼	09/27/25 15:56	09/28/25 10:39	1
4-Bromophenyl phenyl ether	0.34	U	0.34	0.013	mg/Kg	☼	09/27/25 15:56	09/28/25 10:39	1
4-Chloro-3-methylphenol	0.34	U	0.34	0.019	mg/Kg	☼	09/27/25 15:56	09/28/25 10:39	1
4-Chloroaniline	0.34	U	0.34	0.060	mg/Kg	☼	09/27/25 15:56	09/28/25 10:39	1
4-Chlorophenyl phenyl ether	0.34	U	0.34	0.012	mg/Kg	☼	09/27/25 15:56	09/28/25 10:39	1
4-Methylphenol	0.34	U	0.34	0.021	mg/Kg	☼	09/27/25 15:56	09/28/25 10:39	1
4-Nitroaniline	0.34	U	0.34	0.086	mg/Kg	☼	09/27/25 15:56	09/28/25 10:39	1
4-Nitrophenol	0.68	U	0.68	0.055	mg/Kg	☼	09/27/25 15:56	09/28/25 10:39	1
Acenaphthene	0.34	U	0.34	0.0096	mg/Kg	☼	09/27/25 15:56	09/28/25 10:39	1
Acenaphthylene	0.34	U	0.34	0.0097	mg/Kg	☼	09/27/25 15:56	09/28/25 10:39	1
Acetophenone	0.34	U	0.34	0.017	mg/Kg	☼	09/27/25 15:56	09/28/25 10:39	1
Anthracene	0.34	U	0.34	0.010	mg/Kg	☼	09/27/25 15:56	09/28/25 10:39	1
Atrazine	0.14	U	0.14	0.020	mg/Kg	☼	09/27/25 15:56	09/28/25 10:39	1
Benzaldehyde	0.34	U	0.34	0.056	mg/Kg	☼	09/27/25 15:56	09/28/25 10:39	1
Benzo[a]anthracene	0.034	U	0.034	0.025	mg/Kg	☼	09/27/25 15:56	09/28/25 10:39	1
Benzo[a]pyrene	0.034	U	0.034	0.0090	mg/Kg	☼	09/27/25 15:56	09/28/25 10:39	1
Benzo[b]fluoranthene	**0.010**	**J**	0.034	0.0087	mg/Kg	☼	09/27/25 15:56	09/28/25 10:39	1
Benzo[g,h,i]perylene	0.34	U	0.34	0.010	mg/Kg	☼	09/27/25 15:56	09/28/25 10:39	1
Benzo[k]fluoranthene	0.034	U	0.034	0.0066	mg/Kg	☼	09/27/25 15:56	09/28/25 10:39	1
Bis(2-chloroethoxy)methane	0.34	U	0.34	0.062	mg/Kg	☼	09/27/25 15:56	09/28/25 10:39	1
Bis(2-chloroethyl)ether	0.034	U	0.034	0.012	mg/Kg	☼	09/27/25 15:56	09/28/25 10:39	1
Bis(2-ethylhexyl) phthalate	0.34	U	0.34	0.018	mg/Kg	☼	09/27/25 15:56	09/28/25 10:39	1
Butyl benzyl phthalate	0.34	U	0.34	0.016	mg/Kg	☼	09/27/25 15:56	09/28/25 10:39	1
Caprolactam	0.34	U	0.34	0.053	mg/Kg	☼	09/27/25 15:56	09/28/25 10:39	1
Carbazole	0.34	U	0.34	0.013	mg/Kg	☼	09/27/25 15:56	09/28/25 10:39	1
Chrysene	0.34	U	0.34	0.014	mg/Kg	☼	09/27/25 15:56	09/28/25 10:39	1
Dibenz(a,h)anthracene	0.034	U	0.034	0.015	mg/Kg	☼	09/27/25 15:56	09/28/25 10:39	1
Dibenzofuran	0.34	U	0.34	0.011	mg/Kg	☼	09/27/25 15:56	09/28/25 10:39	1

Client Sample ID: 58D_0-5
Date Collected: 09/26/25 08:30
Date Received: 09/26/25 16:20

Lab Sample ID: 460-335806-7
Matrix: Solid
Percent Solids: 96.8

Method: SW846 8270E - Semivolatile Organic Compounds (GC/MS) (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Diethyl phthalate	0.34	U	0.34	0.011	mg/Kg	☼	09/27/25 15:56	09/28/25 10:39	1
Dimethyl phthalate	0.34	U	0.34	0.077	mg/Kg	☼	09/27/25 15:56	09/28/25 10:39	1
Di-n-butyl phthalate	0.34	U	0.34	0.013	mg/Kg	☼	09/27/25 15:56	09/28/25 10:39	1
Di-n-octyl phthalate	0.34	U	0.34	0.018	mg/Kg	☼	09/27/25 15:56	09/28/25 10:39	1
Fluoranthene	0.34	U	0.34	0.012	mg/Kg	☼	09/27/25 15:56	09/28/25 10:39	1
Fluorene	0.34	U	0.34	0.0099	mg/Kg	☼	09/27/25 15:56	09/28/25 10:39	1
Hexachlorobenzene	0.034	U	0.034	0.016	mg/Kg	☼	09/27/25 15:56	09/28/25 10:39	1
Hexachlorobutadiene	0.068	U	0.068	0.0072	mg/Kg	☼	09/27/25 15:56	09/28/25 10:39	1
Hexachlorocyclopentadiene	0.34	U	0.34	0.030	mg/Kg	☼	09/27/25 15:56	09/28/25 10:39	1
Hexachloroethane	0.034	U	0.034	0.012	mg/Kg	☼	09/27/25 15:56	09/28/25 10:39	1
Indeno[1,2,3-cd]pyrene	0.034	U	0.034	0.013	mg/Kg	☼	09/27/25 15:56	09/28/25 10:39	1
Isophorone	0.14	U	0.14	0.098	mg/Kg	☼	09/27/25 15:56	09/28/25 10:39	1
Naphthalene	0.34	U	0.34	0.0058	mg/Kg	☼	09/27/25 15:56	09/28/25 10:39	1
Nitrobenzene	0.034	U	0.034	0.019	mg/Kg	☼	09/27/25 15:56	09/28/25 10:39	1
N-Nitrosodi-n-propylamine	0.034	U	0.034	0.025	mg/Kg	☼	09/27/25 15:56	09/28/25 10:39	1
N-Nitrosodiphenylamine	0.34	U	0.34	0.028	mg/Kg	☼	09/27/25 15:56	09/28/25 10:39	1
Pentachlorophenol	0.27	U	0.27	0.069	mg/Kg	☼	09/27/25 15:56	09/28/25 10:39	1
Phenanthrene	0.34	U	0.34	0.014	mg/Kg	☼	09/27/25 15:56	09/28/25 10:39	1
Phenol	0.34	U	0.34	0.012	mg/Kg	☼	09/27/25 15:56	09/28/25 10:39	1
Pyrene	**0.013**	**J**	0.34	0.0084	mg/Kg	☼	09/27/25 15:56	09/28/25 10:39	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
2,4,6-Tribromophenol (Surr)	*58*		*18 - 137*	*09/27/25 15:56*	*09/28/25 10:39*	*1*
2-Fluorobiphenyl	*51*		*33 - 117*	*09/27/25 15:56*	*09/28/25 10:39*	*1*
2-Fluorophenol (Surr)	*46*		*24 - 120*	*09/27/25 15:56*	*09/28/25 10:39*	*1*
Nitrobenzene-d5 (Surr)	*47*		*27 - 120*	*09/27/25 15:56*	*09/28/25 10:39*	*1*
Phenol-d5 (Surr)	*48*		*28 - 118*	*09/27/25 15:56*	*09/28/25 10:39*	*1*
Terphenyl-d14 (Surr)	*63*		*33 - 124*	*09/27/25 15:56*	*09/28/25 10:39*	*1*

Method: SW846 8081B - Organochlorine Pesticides (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
4,4'-DDD	0.0069	U	0.0069	0.0012	mg/Kg	☼	09/27/25 19:17	09/28/25 16:45	1
4,4'-DDE	0.0069	U	0.0069	0.00082	mg/Kg	☼	09/27/25 19:17	09/28/25 16:45	1
4,4'-DDT	0.0069	U	0.0069	0.0013	mg/Kg	☼	09/27/25 19:17	09/28/25 16:45	1
Aldrin	0.0069	U	0.0069	0.0010	mg/Kg	☼	09/27/25 19:17	09/28/25 16:45	1
alpha-BHC	0.0021	U	0.0021	0.00070	mg/Kg	☼	09/27/25 19:17	09/28/25 16:45	1
beta-BHC	0.0021	U	0.0021	0.00077	mg/Kg	☼	09/27/25 19:17	09/28/25 16:45	1
Chlordane (technical)	0.069	U	0.069	0.017	mg/Kg	☼	09/27/25 19:17	09/28/25 16:45	1
cis-Chlordane	0.0069	U	0.0069	0.0011	mg/Kg	☼	09/27/25 19:17	09/28/25 16:45	1
delta-BHC	0.0021	U	0.0021	0.00042	mg/Kg	☼	09/27/25 19:17	09/28/25 16:45	1
Dieldrin	0.0021	U	0.0021	0.00090	mg/Kg	☼	09/27/25 19:17	09/28/25 16:45	1
Endosulfan I	0.0069	U	0.0069	0.0011	mg/Kg	☼	09/27/25 19:17	09/28/25 16:45	1
Endosulfan II	0.0069	U	0.0069	0.0018	mg/Kg	☼	09/27/25 19:17	09/28/25 16:45	1
Endosulfan sulfate	0.0069	U	0.0069	0.00087	mg/Kg	☼	09/27/25 19:17	09/28/25 16:45	1
Endrin	0.0069	U	0.0069	0.00099	mg/Kg	☼	09/27/25 19:17	09/28/25 16:45	1
Endrin aldehyde	0.0069	U	0.0069	0.0016	mg/Kg	☼	09/27/25 19:17	09/28/25 16:45	1
Endrin ketone	0.0069	U	0.0069	0.0013	mg/Kg	☼	09/27/25 19:17	09/28/25 16:45	1
gamma-BHC (Lindane)	0.0021	U	0.0021	0.00064	mg/Kg	☼	09/27/25 19:17	09/28/25 16:45	1
Heptachlor	0.0069	U	0.0069	0.00082	mg/Kg	☼	09/27/25 19:17	09/28/25 16:45	1
Heptachlor epoxide	0.0069	U	0.0069	0.0010	mg/Kg	☼	09/27/25 19:17	09/28/25 16:45	1

Client Sample ID: 58D_0-5
Date Collected: 09/26/25 08:30
Date Received: 09/26/25 16:20

Lab Sample ID: 460-335806-7
Matrix: Solid
Percent Solids: 96.8

Method: SW846 8081B - Organochlorine Pesticides (GC) (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Methoxychlor	0.0069	U	0.0069	0.0016	mg/Kg	☼	09/27/25 19:17	09/28/25 16:45	1
Toxaphene	0.069	U	0.069	0.025	mg/Kg	☼	09/27/25 19:17	09/28/25 16:45	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
DCB Decachlorobiphenyl	*102*		*10 - 150*	*09/27/25 19:17*	*09/28/25 16:45*	*1*
DCB Decachlorobiphenyl	*110*		*10 - 150*	*09/27/25 19:17*	*09/28/25 16:45*	*1*
Tetrachloro-m-xylene	*90*		*14 - 150*	*09/27/25 19:17*	*09/28/25 16:45*	*1*
Tetrachloro-m-xylene	*95*		*14 - 150*	*09/27/25 19:17*	*09/28/25 16:45*	*1*

Method: SW846 8082A - Polychlorinated Biphenyls (PCBs) by Gas Chromatography

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Aroclor 1016	0.069	U	0.069	0.018	mg/Kg	☼	09/27/25 19:15	09/28/25 12:17	1
Aroclor 1221	0.069	U	0.069	0.018	mg/Kg	☼	09/27/25 19:15	09/28/25 12:17	1
Aroclor 1232	0.069	U	0.069	0.018	mg/Kg	☼	09/27/25 19:15	09/28/25 12:17	1
Aroclor 1242	0.069	U	0.069	0.018	mg/Kg	☼	09/27/25 19:15	09/28/25 12:17	1
Aroclor 1248	0.069	U	0.069	0.018	mg/Kg	☼	09/27/25 19:15	09/28/25 12:17	1
Aroclor 1254	0.069	U	0.069	0.018	mg/Kg	☼	09/27/25 19:15	09/28/25 12:17	1
Aroclor 1260	0.069	U	0.069	0.018	mg/Kg	☼	09/27/25 19:15	09/28/25 12:17	1
Aroclor-1262	0.069	U	0.069	0.018	mg/Kg	☼	09/27/25 19:15	09/28/25 12:17	1
Aroclor 1268	0.069	U	0.069	0.018	mg/Kg	☼	09/27/25 19:15	09/28/25 12:17	1
Polychlorinated biphenyls, Total	0.069	U	0.069	0.018	mg/Kg	☼	09/27/25 19:15	09/28/25 12:17	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
DCB Decachlorobiphenyl	*123*		*10 - 150*	*09/27/25 19:15*	*09/28/25 12:17*	*1*
DCB Decachlorobiphenyl	*126*		*10 - 150*	*09/27/25 19:15*	*09/28/25 12:17*	*1*
Tetrachloro-m-xylene	*107*		*10 - 150*	*09/27/25 19:15*	*09/28/25 12:17*	*1*
Tetrachloro-m-xylene	*106*		*10 - 150*	*09/27/25 19:15*	*09/28/25 12:17*	*1*

Method: EPA 1633A - Per- and Polyfluoroalkyl Substances by LC/MS/MS, 1633A

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Perfluorobutanoic acid (PFBA)	**0.22**	**J**	0.38	0.095	ug/Kg	☼	10/04/25 05:49	10/06/25 00:08	1
Perfluoropentanoic acid (PFPeA)	**0.37**		0.19	0.095	ug/Kg	☼	10/04/25 05:49	10/06/25 00:08	1
Perfluorohexanoic acid (PFHxA)	**0.28**		0.19	0.095	ug/Kg	☼	10/04/25 05:49	10/06/25 00:08	1
Perfluoroheptanoic acid (PFHpA)	**0.34**		0.19	0.095	ug/Kg	☼	10/04/25 05:49	10/06/25 00:08	1
Perfluorooctanoic acid (PFOA)	**0.36**		0.19	0.057	ug/Kg	☼	10/04/25 05:49	10/06/25 00:08	1
Perfluorononanoic acid (PFNA)	**0.82**		0.19	0.095	ug/Kg	☼	10/04/25 05:49	10/06/25 00:08	1
Perfluorodecanoic acid (PFDA)	**0.48**		0.19	0.057	ug/Kg	☼	10/04/25 05:49	10/06/25 00:08	1
Perfluoroundecanoic acid (PFUnA)	**4.91**		0.19	0.095	ug/Kg	☼	10/04/25 05:49	10/06/25 00:08	1
Perfluorododecanoic acid (PFDoA)	**0.72**		0.19	0.095	ug/Kg	☼	10/04/25 05:49	10/06/25 00:08	1
Perfluorotridecanoic acid (PFTrDA)	**3.59**		0.19	0.095	ug/Kg	☼	10/04/25 05:49	10/06/25 00:08	1
Perfluorotetradecanoic acid (PFTeDA)	**0.21**		0.19	0.095	ug/Kg	☼	10/04/25 05:49	10/06/25 00:08	1
Perfluorobutanesulfonic acid (PFBS)	0.19	U	0.19	0.095	ug/Kg	☼	10/04/25 05:49	10/06/25 00:08	1
Perfluoropentanesulfonic acid (PFPeS)	0.19	U	0.19	0.095	ug/Kg	☼	10/04/25 05:49	10/06/25 00:08	1
Perfluorohexanesulfonic acid (PFHxS)	0.19	U	0.19	0.095	ug/Kg	☼	10/04/25 05:49	10/06/25 00:08	1
Perfluoroheptanesulfonic acid (PFHpS)	0.19	U	0.19	0.095	ug/Kg	☼	10/04/25 05:49	10/06/25 00:08	1
Perfluorooctanesulfonic acid (PFOS)	0.19	U	0.19	0.095	ug/Kg	☼	10/04/25 05:49	10/06/25 00:08	1

Client Sample ID: 58D_0-5
Date Collected: 09/26/25 08:30
Date Received: 09/26/25 16:20

Lab Sample ID: 460-335806-7
Matrix: Solid
Percent Solids: 96.8

Method: EPA 1633A - Per- and Polyfluoroalkyl Substances by LC/MS/MS, 1633A (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Perfluorononanesulfonic acid (PFNS)	0.19	U	0.19	0.095	ug/Kg	☼	10/04/25 05:49	10/06/25 00:08	1
Perfluorodecanesulfonic acid (PFDS)	0.19	U *	0.19	0.095	ug/Kg	☼	10/04/25 05:49	10/06/25 00:08	1
Perfluorododecanesulfonic acid (PFDoS)	0.19	U *	0.19	0.095	ug/Kg	☼	10/04/25 05:49	10/06/25 00:08	1
1H,1H,2H,2H-Perfluorohexane sulfonic acid (4:2 FTS)	0.38	U	0.38	0.19	ug/Kg	☼	10/04/25 05:49	10/06/25 00:08	1
1H,1H,2H,2H-Perfluorooctane sulfonic acid (6:2 FTS)	0.38	U	0.38	0.19	ug/Kg	☼	10/04/25 05:49	10/06/25 00:08	1
1H,1H,2H,2H-Perfluorodecane sulfonic acid (8:2 FTS)	**0.37**	**J**	0.38	0.19	ug/Kg	☼	10/04/25 05:49	10/06/25 00:08	1
Perfluorooctanesulfonamide (PFOSA)	0.19	U	0.19	0.095	ug/Kg	☼	10/04/25 05:49	10/06/25 00:08	1
N-methylperfluorooctane sulfonamide (NMeFOSA)	0.19	U	0.19	0.095	ug/Kg	☼	10/04/25 05:49	10/06/25 00:08	1
N-ethylperfluorooctane sulfonamide (NEtFOSA)	0.19	U	0.19	0.095	ug/Kg	☼	10/04/25 05:49	10/06/25 00:08	1
N-methylperfluorooctanesulfonamidoacetic acid (NMeFOSAA)	0.19	U	0.19	0.095	ug/Kg	☼	10/04/25 05:49	10/06/25 00:08	1
N-ethylperfluorooctanesulfonamidoacetic acid (NEtFOSAA)	0.19	U	0.19	0.095	ug/Kg	☼	10/04/25 05:49	10/06/25 00:08	1
N-methylperfluorooctane sulfonamidoethanol (NMeFOSE)	0.95	U	0.95	0.48	ug/Kg	☼	10/04/25 05:49	10/06/25 00:08	1
N-ethylperfluorooctane sulfonamidoethanol (NEtFOSE)	0.95	U	0.95	0.48	ug/Kg	☼	10/04/25 05:49	10/06/25 00:08	1
Hexafluoropropylene Oxide Dimer Acid (HFPO-DA)	0.19	U	0.19	0.095	ug/Kg	☼	10/04/25 05:49	10/06/25 00:08	1
4,8-Dioxa-3H-perfluorononanoic acid (ADONA)	0.19	U	0.19	0.095	ug/Kg	☼	10/04/25 05:49	10/06/25 00:08	1
Perfluoro-3-methoxypropanoic acid (PFMPA)	0.19	U	0.19	0.095	ug/Kg	☼	10/04/25 05:49	10/06/25 00:08	1
Perfluoro-4-methoxybutanoic acid (PFMBA)	0.19	U	0.19	0.095	ug/Kg	☼	10/04/25 05:49	10/06/25 00:08	1
Nonafluoro-3,6-dioxaheptanoic acid (NFDHA)	0.19	U	0.19	0.095	ug/Kg	☼	10/04/25 05:49	10/06/25 00:08	1
9-Chlorohexadecafluoro-3-oxanonane-1-sulfonic acid (9Cl-PF3ONS)	0.19	U	0.19	0.095	ug/Kg	☼	10/04/25 05:49	10/06/25 00:08	1
11-Chloroeicosafluoro-3-oxaundecane-1-sulfonic acid (11Cl-PF3OUdS)	0.19	U *	0.19	0.095	ug/Kg	☼	10/04/25 05:49	10/06/25 00:08	1
Perfluoro (2-ethoxyethane) sulfonic acid (PFEESA)	0.19	U	0.19	0.095	ug/Kg	☼	10/04/25 05:49	10/06/25 00:08	1
3-Perfluoropropylpropanoic acid (3:3 FTCA)	0.38	U	0.38	0.19	ug/Kg	☼	10/04/25 05:49	10/06/25 00:08	1
3-Perfluoropentylpropanoic acid (5:3 FTCA)	0.95	U	0.95	0.48	ug/Kg	☼	10/04/25 05:49	10/06/25 00:08	1
3-Perfluoroheptylpropanoic acid (7:3 FTCA)	0.95	U	0.95	0.48	ug/Kg	☼	10/04/25 05:49	10/06/25 00:08	1

Isotope Dilution	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
13C4 PFBA	*107*		*8 - 130*	*10/04/25 05:49*	*10/06/25 00:08*	*1*
13C5 PFPeA	*102*		*35 - 130*	*10/04/25 05:49*	*10/06/25 00:08*	*1*
13C5 PFHxA	*102*		*40 - 130*	*10/04/25 05:49*	*10/06/25 00:08*	*1*
13C4 PFHpA	*102*		*40 - 130*	*10/04/25 05:49*	*10/06/25 00:08*	*1*
13C8 PFOA	*92.8*		*40 - 130*	*10/04/25 05:49*	*10/06/25 00:08*	*1*
13C9 PFNA	*95.0*		*40 - 130*	*10/04/25 05:49*	*10/06/25 00:08*	*1*
13C6 PFDA	*92.1*		*40 - 130*	*10/04/25 05:49*	*10/06/25 00:08*	*1*
13C7 PFUnA	*85.8*		*40 - 130*	*10/04/25 05:49*	*10/06/25 00:08*	*1*

Client Sample ID: 58D_0-5
Date Collected: 09/26/25 08:30
Date Received: 09/26/25 16:20

Lab Sample ID: 460-335806-7
Matrix: Solid
Percent Solids: 96.8

Method: EPA 1633A - Per- and Polyfluoroalkyl Substances by LC/MS/MS, 1633A (Continued)

Isotope Dilution	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
13C2 PFTeDA	60.6		20 - 130	10/04/25 05:49	10/06/25 00:08	1
13C3 PFBS	104		40 - 135	10/04/25 05:49	10/06/25 00:08	1
13C3 PFHxS	89.9		40 - 130	10/04/25 05:49	10/06/25 00:08	1
13C8 PFOS	87.3		40 - 130	10/04/25 05:49	10/06/25 00:08	1
13C8 FOSA	82.2		40 - 130	10/04/25 05:49	10/06/25 00:08	1
d3-NMeFOSAA	64.3		40 - 135	10/04/25 05:49	10/06/25 00:08	1
d5-NEtFOSAA	81.2		40 - 150	10/04/25 05:49	10/06/25 00:08	1
13C2 4:2 FTS	122		40 - 165	10/04/25 05:49	10/06/25 00:08	1
13C2 6:2 FTS	108		40 - 215	10/04/25 05:49	10/06/25 00:08	1
13C2 8:2 FTS	74.8		40 - 275	10/04/25 05:49	10/06/25 00:08	1
13C3 HFPO-DA	93.3		40 - 130	10/04/25 05:49	10/06/25 00:08	1
d7-N-MeFOSE-M	46.4		20 - 130	10/04/25 05:49	10/06/25 00:08	1
d9-N-EtFOSE-M	38.9		15 - 130	10/04/25 05:49	10/06/25 00:08	1
d5-NEtPFOSA	63.7		10 - 130	10/04/25 05:49	10/06/25 00:08	1
d3-NMePFOSA	72.8		10 - 130	10/04/25 05:49	10/06/25 00:08	1
13C2 PFDoA	81.8		40 - 130	10/04/25 05:49	10/06/25 00:08	1

Method: SW846 6020B - Metals (ICP/MS)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Aluminum	7680		19.0	5.2	mg/Kg	☼	10/03/25 07:27	10/03/25 22:00	1
Antimony	0.86	J	0.95	0.14	mg/Kg	☼	10/03/25 07:27	10/03/25 22:00	1
Arsenic	8.6		0.95	0.098	mg/Kg	☼	10/03/25 07:27	10/03/25 22:00	1
Barium	51.5		1.9	0.14	mg/Kg	☼	10/03/25 07:27	10/03/25 22:00	1
Beryllium	0.58		0.38	0.021	mg/Kg	☼	10/03/25 07:27	10/03/25 22:00	1
Cadmium	0.80	J	0.95	0.11	mg/Kg	☼	10/03/25 07:27	10/03/25 22:00	1
Calcium	19600		94.8	9.2	mg/Kg	☼	10/03/25 07:27	10/03/25 22:00	1
Chromium	17.3		1.9	0.28	mg/Kg	☼	10/03/25 07:27	10/03/25 22:00	1
Cobalt	7.1		0.95	0.14	mg/Kg	☼	10/03/25 07:27	10/03/25 22:00	1
Copper	84.7		1.9	0.35	mg/Kg	☼	10/03/25 07:27	10/03/25 22:00	1
Iron	19300		56.9	7.3	mg/Kg	☼	10/03/25 07:27	10/03/25 22:00	1
Lead	275		0.57	0.19	mg/Kg	☼	10/03/25 07:27	10/03/25 22:00	1
Magnesium	13400		94.8	9.7	mg/Kg	☼	10/03/25 07:27	10/03/25 22:00	1
Manganese	310		3.8	0.38	mg/Kg	☼	10/03/25 07:27	10/03/25 22:00	1
Nickel	20.0		1.9	0.17	mg/Kg	☼	10/03/25 07:27	10/03/25 22:00	1
Potassium	1050		94.8	15.4	mg/Kg	☼	10/03/25 07:27	10/03/25 22:00	1
Selenium	0.32	J	1.2	0.12	mg/Kg	☼	10/03/25 07:27	10/03/25 22:00	1
Silver	0.85		0.38	0.084	mg/Kg	☼	10/03/25 07:27	10/03/25 22:00	1
Sodium	108		94.8	43.3	mg/Kg	☼	10/03/25 07:27	10/03/25 22:00	1
Thallium	0.13	J	0.38	0.039	mg/Kg	☼	10/03/25 07:27	10/03/25 22:00	1
Vanadium	28.9		1.9	0.20	mg/Kg	☼	10/03/25 07:27	10/03/25 22:00	1
Zinc	133		7.6	1.0	mg/Kg	☼	10/03/25 07:27	10/03/25 22:00	1

Method: SW846 7471B - Mercury (CVAA)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	0.045		0.016	0.0074	mg/Kg	☼	10/03/25 01:44	10/03/25 10:17	1

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Percent Moisture (EPA Moisture)	3.2		1.0	1.0	%			10/01/25 18:45	1
Percent Solids (EPA Moisture)	96.8		1.0	1.0	%			10/01/25 18:45	1

Client: Haley & Aldrich, Inc.
Project/Site: Former Port Mobil

Job ID: 460-335806-1

Client Sample ID: 58D_5-10
Date Collected: 09/26/25 08:35
Date Received: 09/26/25 16:20

Lab Sample ID: 460-335806-8
Matrix: Solid
Percent Solids: 95.7

Method: SW846 8270E - Semivolatile Organic Compounds (GC/MS)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1'-Biphenyl	0.34	U	0.34	0.012	mg/Kg	☼	09/27/25 15:56	09/28/25 11:03	1
1,2,4,5-Tetrachlorobenzene	0.34	U	0.34	0.011	mg/Kg	☼	09/27/25 15:56	09/28/25 11:03	1
1,4-Dioxane	0.034	U	0.034	0.030	mg/Kg	☼	09/27/25 15:56	09/28/25 11:03	1
2,2'-oxybis[1-chloropropane]	0.34	U	0.34	0.021	mg/Kg	☼	09/27/25 15:56	09/28/25 11:03	1
2,3,4,6-Tetrachlorophenol	0.34	U	0.34	0.023	mg/Kg	☼	09/27/25 15:56	09/28/25 11:03	1
2,4,5-Trichlorophenol	0.34	U	0.34	0.035	mg/Kg	☼	09/27/25 15:56	09/28/25 11:03	1
2,4,6-Trichlorophenol	0.14	U	0.14	0.044	mg/Kg	☼	09/27/25 15:56	09/28/25 11:03	1
2,4-Dichlorophenol	0.14	U	0.14	0.022	mg/Kg	☼	09/27/25 15:56	09/28/25 11:03	1
2,4-Dimethylphenol	0.34	U	0.34	0.041	mg/Kg	☼	09/27/25 15:56	09/28/25 11:03	1
2,4-Dinitrophenol	0.28	U	0.28	0.17	mg/Kg	☼	09/27/25 15:56	09/28/25 11:03	1
2,4-Dinitrotoluene	0.070	U	0.070	0.037	mg/Kg	☼	09/27/25 15:56	09/28/25 11:03	1
2,6-Dinitrotoluene	0.070	U	0.070	0.025	mg/Kg	☼	09/27/25 15:56	09/28/25 11:03	1
2-Chloronaphthalene	0.34	U	0.34	0.044	mg/Kg	☼	09/27/25 15:56	09/28/25 11:03	1
2-Chlorophenol	0.34	U	0.34	0.012	mg/Kg	☼	09/27/25 15:56	09/28/25 11:03	1
2-Methylnaphthalene	0.34	U	0.34	0.0096	mg/Kg	☼	09/27/25 15:56	09/28/25 11:03	1
2-Methylphenol	0.34	U	0.34	0.013	mg/Kg	☼	09/27/25 15:56	09/28/25 11:03	1
2-Nitroaniline	0.34	U	0.34	0.026	mg/Kg	☼	09/27/25 15:56	09/28/25 11:03	1
2-Nitrophenol	0.34	U	0.34	0.035	mg/Kg	☼	09/27/25 15:56	09/28/25 11:03	1
3 & 4 Methylphenol	0.34	U	0.34	0.022	mg/Kg	☼	09/27/25 15:56	09/28/25 11:03	1
3,3'-Dichlorobenzidine	0.14	U	0.14	0.052	mg/Kg	☼	09/27/25 15:56	09/28/25 11:03	1
3-Nitroaniline	0.34	U	0.34	0.082	mg/Kg	☼	09/27/25 15:56	09/28/25 11:03	1
4,6-Dinitro-2-methylphenol	0.28	U	0.28	0.14	mg/Kg	☼	09/27/25 15:56	09/28/25 11:03	1
4-Bromophenyl phenyl ether	0.34	U	0.34	0.014	mg/Kg	☼	09/27/25 15:56	09/28/25 11:03	1
4-Chloro-3-methylphenol	0.34	U	0.34	0.019	mg/Kg	☼	09/27/25 15:56	09/28/25 11:03	1
4-Chloroaniline	0.34	U	0.34	0.061	mg/Kg	☼	09/27/25 15:56	09/28/25 11:03	1
4-Chlorophenyl phenyl ether	0.34	U	0.34	0.012	mg/Kg	☼	09/27/25 15:56	09/28/25 11:03	1
4-Methylphenol	0.34	U	0.34	0.022	mg/Kg	☼	09/27/25 15:56	09/28/25 11:03	1
4-Nitroaniline	0.34	U	0.34	0.087	mg/Kg	☼	09/27/25 15:56	09/28/25 11:03	1
4-Nitrophenol	0.70	U	0.70	0.056	mg/Kg	☼	09/27/25 15:56	09/28/25 11:03	1
Acenaphthene	0.34	U	0.34	0.0098	mg/Kg	☼	09/27/25 15:56	09/28/25 11:03	1
Acenaphthylene	0.34	U	0.34	0.0099	mg/Kg	☼	09/27/25 15:56	09/28/25 11:03	1
Acetophenone	0.34	U	0.34	0.017	mg/Kg	☼	09/27/25 15:56	09/28/25 11:03	1
Anthracene	0.34	U	0.34	0.010	mg/Kg	☼	09/27/25 15:56	09/28/25 11:03	1
Atrazine	0.14	U	0.14	0.020	mg/Kg	☼	09/27/25 15:56	09/28/25 11:03	1
Benzaldehyde	0.34	U	0.34	0.057	mg/Kg	☼	09/27/25 15:56	09/28/25 11:03	1
Benzo[a]anthracene	0.034	U	0.034	0.026	mg/Kg	☼	09/27/25 15:56	09/28/25 11:03	1
Benzo[a]pyrene	0.034	U	0.034	0.0092	mg/Kg	☼	09/27/25 15:56	09/28/25 11:03	1
Benzo[b]fluoranthene	**0.0095**	**J**	0.034	0.0089	mg/Kg	☼	09/27/25 15:56	09/28/25 11:03	1
Benzo[g,h,i]perylene	0.34	U	0.34	0.010	mg/Kg	☼	09/27/25 15:56	09/28/25 11:03	1
Benzo[k]fluoranthene	0.034	U	0.034	0.0068	mg/Kg	☼	09/27/25 15:56	09/28/25 11:03	1
Bis(2-chloroethoxy)methane	0.34	U	0.34	0.064	mg/Kg	☼	09/27/25 15:56	09/28/25 11:03	1
Bis(2-chloroethyl)ether	0.034	U	0.034	0.012	mg/Kg	☼	09/27/25 15:56	09/28/25 11:03	1
Bis(2-ethylhexyl) phthalate	0.34	U	0.34	0.018	mg/Kg	☼	09/27/25 15:56	09/28/25 11:03	1
Butyl benzyl phthalate	0.34	U	0.34	0.016	mg/Kg	☼	09/27/25 15:56	09/28/25 11:03	1
Caprolactam	0.34	U	0.34	0.054	mg/Kg	☼	09/27/25 15:56	09/28/25 11:03	1
Carbazole	0.34	U	0.34	0.013	mg/Kg	☼	09/27/25 15:56	09/28/25 11:03	1
Chrysene	0.34	U	0.34	0.014	mg/Kg	☼	09/27/25 15:56	09/28/25 11:03	1
Dibenz(a,h)anthracene	0.034	U	0.034	0.015	mg/Kg	☼	09/27/25 15:56	09/28/25 11:03	1
Dibenzofuran	0.34	U	0.34	0.012	mg/Kg	☼	09/27/25 15:56	09/28/25 11:03	1

Client Sample ID: 58D_5-10

Date Collected: 09/26/25 08:35
Date Received: 09/26/25 16:20

Lab Sample ID: 460-335806-8

Matrix: Solid
Percent Solids: 95.7

Method: SW846 8270E - Semivolatile Organic Compounds (GC/MS) (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Diethyl phthalate	0.34	U	0.34	0.011	mg/Kg	☼	09/27/25 15:56	09/28/25 11:03	1
Dimethyl phthalate	0.34	U	0.34	0.078	mg/Kg	☼	09/27/25 15:56	09/28/25 11:03	1
Di-n-butyl phthalate	0.34	U	0.34	0.013	mg/Kg	☼	09/27/25 15:56	09/28/25 11:03	1
Di-n-octyl phthalate	0.34	U	0.34	0.018	mg/Kg	☼	09/27/25 15:56	09/28/25 11:03	1
Fluoranthene	**0.016**	**J**	0.34	0.012	mg/Kg	☼	09/27/25 15:56	09/28/25 11:03	1
Fluorene	0.34	U	0.34	0.010	mg/Kg	☼	09/27/25 15:56	09/28/25 11:03	1
Hexachlorobenzene	0.034	U	0.034	0.016	mg/Kg	☼	09/27/25 15:56	09/28/25 11:03	1
Hexachlorobutadiene	0.070	U	0.070	0.0073	mg/Kg	☼	09/27/25 15:56	09/28/25 11:03	1
Hexachlorocyclopentadiene	0.34	U	0.34	0.030	mg/Kg	☼	09/27/25 15:56	09/28/25 11:03	1
Hexachloroethane	0.034	U	0.034	0.012	mg/Kg	☼	09/27/25 15:56	09/28/25 11:03	1
Indeno[1,2,3-cd]pyrene	0.034	U	0.034	0.013	mg/Kg	☼	09/27/25 15:56	09/28/25 11:03	1
Isophorone	0.14	U	0.14	0.10	mg/Kg	☼	09/27/25 15:56	09/28/25 11:03	1
Naphthalene	0.34	U	0.34	0.0060	mg/Kg	☼	09/27/25 15:56	09/28/25 11:03	1
Nitrobenzene	0.034	U	0.034	0.019	mg/Kg	☼	09/27/25 15:56	09/28/25 11:03	1
N-Nitrosodi-n-propylamine	0.034	U	0.034	0.025	mg/Kg	☼	09/27/25 15:56	09/28/25 11:03	1
N-Nitrosodiphenylamine	0.34	U	0.34	0.028	mg/Kg	☼	09/27/25 15:56	09/28/25 11:03	1
Pentachlorophenol	0.28	U	0.28	0.071	mg/Kg	☼	09/27/25 15:56	09/28/25 11:03	1
Phenanthrene	**0.014**	**J**	0.34	0.014	mg/Kg	☼	09/27/25 15:56	09/28/25 11:03	1
Phenol	0.34	U	0.34	0.013	mg/Kg	☼	09/27/25 15:56	09/28/25 11:03	1
Pyrene	**0.015**	**J**	0.34	0.0086	mg/Kg	☼	09/27/25 15:56	09/28/25 11:03	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
2,4,6-Tribromophenol (Surr)	*60*		*18 - 137*	*09/27/25 15:56*	*09/28/25 11:03*	*1*
2-Fluorobiphenyl	*61*		*33 - 117*	*09/27/25 15:56*	*09/28/25 11:03*	*1*
2-Fluorophenol (Surr)	*63*		*24 - 120*	*09/27/25 15:56*	*09/28/25 11:03*	*1*
Nitrobenzene-d5 (Surr)	*62*		*27 - 120*	*09/27/25 15:56*	*09/28/25 11:03*	*1*
Phenol-d5 (Surr)	*62*		*28 - 118*	*09/27/25 15:56*	*09/28/25 11:03*	*1*
Terphenyl-d14 (Surr)	*64*		*33 - 124*	*09/27/25 15:56*	*09/28/25 11:03*	*1*

Method: SW846 8081B - Organochlorine Pesticides (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
4,4'-DDD	0.0070	U	0.0070	0.0012	mg/Kg	☼	09/27/25 19:17	09/28/25 16:58	1
4,4'-DDE	0.0070	U	0.0070	0.00083	mg/Kg	☼	09/27/25 19:17	09/28/25 16:58	1
4,4'-DDT	0.0070	U	0.0070	0.0013	mg/Kg	☼	09/27/25 19:17	09/28/25 16:58	1
Aldrin	0.0070	U	0.0070	0.0011	mg/Kg	☼	09/27/25 19:17	09/28/25 16:58	1
alpha-BHC	0.0021	U	0.0021	0.00071	mg/Kg	☼	09/27/25 19:17	09/28/25 16:58	1
beta-BHC	0.0021	U	0.0021	0.00078	mg/Kg	☼	09/27/25 19:17	09/28/25 16:58	1
Chlordane (technical)	0.070	U	0.070	0.017	mg/Kg	☼	09/27/25 19:17	09/28/25 16:58	1
cis-Chlordane	0.0070	U	0.0070	0.0011	mg/Kg	☼	09/27/25 19:17	09/28/25 16:58	1
delta-BHC	0.0021	U	0.0021	0.00043	mg/Kg	☼	09/27/25 19:17	09/28/25 16:58	1
Dieldrin	0.0021	U	0.0021	0.00091	mg/Kg	☼	09/27/25 19:17	09/28/25 16:58	1
Endosulfan I	0.0070	U	0.0070	0.0011	mg/Kg	☼	09/27/25 19:17	09/28/25 16:58	1
Endosulfan II	0.0070	U	0.0070	0.0018	mg/Kg	☼	09/27/25 19:17	09/28/25 16:58	1
Endosulfan sulfate	0.0070	U	0.0070	0.00088	mg/Kg	☼	09/27/25 19:17	09/28/25 16:58	1
Endrin	0.0070	U	0.0070	0.0010	mg/Kg	☼	09/27/25 19:17	09/28/25 16:58	1
Endrin aldehyde	0.0070	U	0.0070	0.0017	mg/Kg	☼	09/27/25 19:17	09/28/25 16:58	1
Endrin ketone	0.0070	U	0.0070	0.0014	mg/Kg	☼	09/27/25 19:17	09/28/25 16:58	1
gamma-BHC (Lindane)	0.0021	U	0.0021	0.00065	mg/Kg	☼	09/27/25 19:17	09/28/25 16:58	1
Heptachlor	0.0070	U	0.0070	0.00083	mg/Kg	☼	09/27/25 19:17	09/28/25 16:58	1
Heptachlor epoxide	0.0070	U	0.0070	0.0010	mg/Kg	☼	09/27/25 19:17	09/28/25 16:58	1

Client Sample ID: 58D_5-10
Date Collected: 09/26/25 08:35
Date Received: 09/26/25 16:20

Lab Sample ID: 460-335806-8
Matrix: Solid
Percent Solids: 95.7

Method: SW846 8081B - Organochlorine Pesticides (GC) (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Methoxychlor	0.0070	U	0.0070	0.0016	mg/Kg	☼	09/27/25 19:17	09/28/25 16:58	1
Toxaphene	0.070	U	0.070	0.025	mg/Kg	☼	09/27/25 19:17	09/28/25 16:58	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
DCB Decachlorobiphenyl	*111*		*10 - 150*	*09/27/25 19:17*	*09/28/25 16:58*	*1*
DCB Decachlorobiphenyl	*114*		*10 - 150*	*09/27/25 19:17*	*09/28/25 16:58*	*1*
Tetrachloro-m-xylene	*95*		*14 - 150*	*09/27/25 19:17*	*09/28/25 16:58*	*1*
Tetrachloro-m-xylene	*100*		*14 - 150*	*09/27/25 19:17*	*09/28/25 16:58*	*1*

Method: SW846 8082A - Polychlorinated Biphenyls (PCBs) by Gas Chromatography

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Aroclor 1016	0.070	U	0.070	0.019	mg/Kg	☼	09/27/25 19:15	09/28/25 12:39	1
Aroclor 1221	0.070	U	0.070	0.019	mg/Kg	☼	09/27/25 19:15	09/28/25 12:39	1
Aroclor 1232	0.070	U	0.070	0.019	mg/Kg	☼	09/27/25 19:15	09/28/25 12:39	1
Aroclor 1242	0.070	U	0.070	0.019	mg/Kg	☼	09/27/25 19:15	09/28/25 12:39	1
Aroclor 1248	0.070	U	0.070	0.019	mg/Kg	☼	09/27/25 19:15	09/28/25 12:39	1
Aroclor 1254	0.070	U	0.070	0.019	mg/Kg	☼	09/27/25 19:15	09/28/25 12:39	1
Aroclor 1260	0.070	U	0.070	0.019	mg/Kg	☼	09/27/25 19:15	09/28/25 12:39	1
Aroclor-1262	0.070	U	0.070	0.019	mg/Kg	☼	09/27/25 19:15	09/28/25 12:39	1
Aroclor 1268	0.070	U	0.070	0.019	mg/Kg	☼	09/27/25 19:15	09/28/25 12:39	1
Polychlorinated biphenyls, Total	0.070	U	0.070	0.019	mg/Kg	☼	09/27/25 19:15	09/28/25 12:39	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
DCB Decachlorobiphenyl	*138*		*10 - 150*	*09/27/25 19:15*	*09/28/25 12:39*	*1*
DCB Decachlorobiphenyl	*142*		*10 - 150*	*09/27/25 19:15*	*09/28/25 12:39*	*1*
Tetrachloro-m-xylene	*121*		*10 - 150*	*09/27/25 19:15*	*09/28/25 12:39*	*1*
Tetrachloro-m-xylene	*117*		*10 - 150*	*09/27/25 19:15*	*09/28/25 12:39*	*1*

Method: EPA 1633A - Per- and Polyfluoroalkyl Substances by LC/MS/MS, 1633A

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Perfluorobutanoic acid (PFBA)	0.40	U	0.40	0.10	ug/Kg	☼	10/04/25 05:49	10/06/25 00:21	1
Perfluoropentanoic acid (PFPeA)	**0.21**		0.20	0.10	ug/Kg	☼	10/04/25 05:49	10/06/25 00:21	1
Perfluorohexanoic acid (PFHxA)	**0.22**		0.20	0.10	ug/Kg	☼	10/04/25 05:49	10/06/25 00:21	1
Perfluoroheptanoic acid (PFHpA)	**0.25**		0.20	0.10	ug/Kg	☼	10/04/25 05:49	10/06/25 00:21	1
Perfluorooctanoic acid (PFOA)	**0.24**		0.20	0.060	ug/Kg	☼	10/04/25 05:49	10/06/25 00:21	1
Perfluorononanoic acid (PFNA)	**0.46**		0.20	0.10	ug/Kg	☼	10/04/25 05:49	10/06/25 00:21	1
Perfluorodecanoic acid (PFDA)	**0.17**	**J**	0.20	0.060	ug/Kg	☼	10/04/25 05:49	10/06/25 00:21	1
Perfluoroundecanoic acid (PFUnA)	**1.04**		0.20	0.10	ug/Kg	☼	10/04/25 05:49	10/06/25 00:21	1
Perfluorododecanoic acid (PFDoA)	**0.30**		0.20	0.10	ug/Kg	☼	10/04/25 05:49	10/06/25 00:21	1
Perfluorotridecanoic acid (PFTrDA)	**2.04**		0.20	0.10	ug/Kg	☼	10/04/25 05:49	10/06/25 00:21	1
Perfluorotetradecanoic acid (PFTeDA)	**0.10**	**J**	0.20	0.10	ug/Kg	☼	10/04/25 05:49	10/06/25 00:21	1
Perfluorobutanesulfonic acid (PFBS)	0.20	U	0.20	0.10	ug/Kg	☼	10/04/25 05:49	10/06/25 00:21	1
Perfluoropentanesulfonic acid (PFPeS)	0.20	U	0.20	0.10	ug/Kg	☼	10/04/25 05:49	10/06/25 00:21	1
Perfluorohexanesulfonic acid (PFHxS)	0.20	U	0.20	0.10	ug/Kg	☼	10/04/25 05:49	10/06/25 00:21	1
Perfluoroheptanesulfonic acid (PFHpS)	0.20	U	0.20	0.10	ug/Kg	☼	10/04/25 05:49	10/06/25 00:21	1
Perfluorooctanesulfonic acid (PFOS)	0.20	U	0.20	0.10	ug/Kg	☼	10/04/25 05:49	10/06/25 00:21	1

Client Sample ID: 58D_5-10
Date Collected: 09/26/25 08:35
Date Received: 09/26/25 16:20

Lab Sample ID: 460-335806-8
Matrix: Solid
Percent Solids: 95.7

Method: EPA 1633A - Per- and Polyfluoroalkyl Substances by LC/MS/MS, 1633A (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Perfluorononanesulfonic acid (PFNS)	0.20	U	0.20	0.10	ug/Kg	☼	10/04/25 05:49	10/06/25 00:21	1
Perfluorodecanesulfonic acid (PFDS)	0.20	U *	0.20	0.10	ug/Kg	☼	10/04/25 05:49	10/06/25 00:21	1
Perfluorododecanesulfonic acid (PFDoS)	0.20	U *	0.20	0.10	ug/Kg	☼	10/04/25 05:49	10/06/25 00:21	1
1H,1H,2H,2H-Perfluorohexane sulfonic acid (4:2 FTS)	0.40	U	0.40	0.20	ug/Kg	☼	10/04/25 05:49	10/06/25 00:21	1
1H,1H,2H,2H-Perfluorooctane sulfonic acid (6:2 FTS)	0.40	U	0.40	0.20	ug/Kg	☼	10/04/25 05:49	10/06/25 00:21	1
1H,1H,2H,2H-Perfluorodecane sulfonic acid (8:2 FTS)	**0.21**	**J**	0.40	0.20	ug/Kg	☼	10/04/25 05:49	10/06/25 00:21	1
Perfluorooctanesulfonamide (PFOSA)	0.20	U	0.20	0.10	ug/Kg	☼	10/04/25 05:49	10/06/25 00:21	1
N-methylperfluorooctane sulfonamide (NMeFOSA)	0.20	U	0.20	0.10	ug/Kg	☼	10/04/25 05:49	10/06/25 00:21	1
N-ethylperfluorooctane sulfonamide (NEtFOSA)	0.20	U	0.20	0.10	ug/Kg	☼	10/04/25 05:49	10/06/25 00:21	1
N-methylperfluorooctanesulfonamidoacetic acid (NMeFOSAA)	0.20	U	0.20	0.10	ug/Kg	☼	10/04/25 05:49	10/06/25 00:21	1
N-ethylperfluorooctanesulfonamidoacetic acid (NEtFOSAA)	0.20	U	0.20	0.10	ug/Kg	☼	10/04/25 05:49	10/06/25 00:21	1
N-methylperfluorooctane sulfonamidoethanol (NMeFOSE)	1.00	U	1.00	0.50	ug/Kg	☼	10/04/25 05:49	10/06/25 00:21	1
N-ethylperfluorooctane sulfonamidoethanol (NEtFOSE)	1.00	U	1.00	0.50	ug/Kg	☼	10/04/25 05:49	10/06/25 00:21	1
Hexafluoropropylene Oxide Dimer Acid (HFPO-DA)	0.20	U	0.20	0.10	ug/Kg	☼	10/04/25 05:49	10/06/25 00:21	1
4,8-Dioxa-3H-perfluorononanoic acid (ADONA)	0.20	U	0.20	0.10	ug/Kg	☼	10/04/25 05:49	10/06/25 00:21	1
Perfluoro-3-methoxypropanoic acid (PFMPA)	0.20	U	0.20	0.10	ug/Kg	☼	10/04/25 05:49	10/06/25 00:21	1
Perfluoro-4-methoxybutanoic acid (PFMBA)	0.20	U	0.20	0.10	ug/Kg	☼	10/04/25 05:49	10/06/25 00:21	1
Nonafluoro-3,6-dioxaheptanoic acid (NFDHA)	0.20	U	0.20	0.10	ug/Kg	☼	10/04/25 05:49	10/06/25 00:21	1
9-Chlorohexadecafluoro-3-oxanonane-1-sulfonic acid (9Cl-PF3ONS)	0.20	U	0.20	0.10	ug/Kg	☼	10/04/25 05:49	10/06/25 00:21	1
11-Chloroeicosafluoro-3-oxaundecane-1-sulfonic acid (11Cl-PF3OUdS)	0.20	U *	0.20	0.10	ug/Kg	☼	10/04/25 05:49	10/06/25 00:21	1
Perfluoro (2-ethoxyethane) sulfonic acid (PFEESA)	0.20	U	0.20	0.10	ug/Kg	☼	10/04/25 05:49	10/06/25 00:21	1
3-Perfluoropropylpropanoic acid (3:3 FTCA)	0.40	U	0.40	0.20	ug/Kg	☼	10/04/25 05:49	10/06/25 00:21	1
3-Perfluoropentylpropanoic acid (5:3 FTCA)	1.00	U	1.00	0.50	ug/Kg	☼	10/04/25 05:49	10/06/25 00:21	1
3-Perfluoroheptylpropanoic acid (7:3 FTCA)	1.00	U	1.00	0.50	ug/Kg	☼	10/04/25 05:49	10/06/25 00:21	1

Isotope Dilution	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
13C4 PFBA	*103*		*8 - 130*	*10/04/25 05:49*	*10/06/25 00:21*	*1*
13C5 PFPeA	*99.1*		*35 - 130*	*10/04/25 05:49*	*10/06/25 00:21*	*1*
13C5 PFHxA	*99.6*		*40 - 130*	*10/04/25 05:49*	*10/06/25 00:21*	*1*
13C4 PFHpA	*102*		*40 - 130*	*10/04/25 05:49*	*10/06/25 00:21*	*1*
13C8 PFOA	*90.4*		*40 - 130*	*10/04/25 05:49*	*10/06/25 00:21*	*1*
13C9 PFNA	*87.0*		*40 - 130*	*10/04/25 05:49*	*10/06/25 00:21*	*1*
13C6 PFDA	*86.1*		*40 - 130*	*10/04/25 05:49*	*10/06/25 00:21*	*1*
13C7 PFUnA	*82.8*		*40 - 130*	*10/04/25 05:49*	*10/06/25 00:21*	*1*

Client Sample ID: 58D_5-10

Date Collected: 09/26/25 08:35
Date Received: 09/26/25 16:20

Lab Sample ID: 460-335806-8

Matrix: Solid
Percent Solids: 95.7

Method: EPA 1633A - Per- and Polyfluoroalkyl Substances by LC/MS/MS, 1633A (Continued)

Isotope Dilution	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
13C2 PFTeDA	64.6		20 - 130	10/04/25 05:49	10/06/25 00:21	1
13C3 PFBS	102		40 - 135	10/04/25 05:49	10/06/25 00:21	1
13C3 PFHxS	88.3		40 - 130	10/04/25 05:49	10/06/25 00:21	1
13C8 PFOS	82.4		40 - 130	10/04/25 05:49	10/06/25 00:21	1
13C8 FOSA	76.6		40 - 130	10/04/25 05:49	10/06/25 00:21	1
d3-NMeFOSAA	64.0		40 - 135	10/04/25 05:49	10/06/25 00:21	1
d5-NEtFOSAA	79.8		40 - 150	10/04/25 05:49	10/06/25 00:21	1
13C2 4:2 FTS	101		40 - 165	10/04/25 05:49	10/06/25 00:21	1
13C2 6:2 FTS	93.5		40 - 215	10/04/25 05:49	10/06/25 00:21	1
13C2 8:2 FTS	68.8		40 - 275	10/04/25 05:49	10/06/25 00:21	1
13C3 HFPO-DA	95.2		40 - 130	10/04/25 05:49	10/06/25 00:21	1
d7-N-MeFOSE-M	44.2		20 - 130	10/04/25 05:49	10/06/25 00:21	1
d9-N-EtFOSE-M	37.4		15 - 130	10/04/25 05:49	10/06/25 00:21	1
d5-NEtPFOSA	62.1		10 - 130	10/04/25 05:49	10/06/25 00:21	1
d3-NMePFOSA	69.6		10 - 130	10/04/25 05:49	10/06/25 00:21	1
13C2 PFDoA	76.6		40 - 130	10/04/25 05:49	10/06/25 00:21	1

Method: SW846 6020B - Metals (ICP/MS)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Aluminum	8240		19.4	5.3	mg/Kg	☼	10/03/25 07:27	10/03/25 22:03	1
Antimony	0.79	J	0.97	0.14	mg/Kg	☼	10/03/25 07:27	10/03/25 22:03	1
Arsenic	7.7		0.97	0.10	mg/Kg	☼	10/03/25 07:27	10/03/25 22:03	1
Barium	57.9		1.9	0.14	mg/Kg	☼	10/03/25 07:27	10/03/25 22:03	1
Beryllium	0.58		0.39	0.021	mg/Kg	☼	10/03/25 07:27	10/03/25 22:03	1
Cadmium	0.54	J	0.97	0.11	mg/Kg	☼	10/03/25 07:27	10/03/25 22:03	1
Calcium	17000		96.8	9.4	mg/Kg	☼	10/03/25 07:27	10/03/25 22:03	1
Chromium	17.2		1.9	0.29	mg/Kg	☼	10/03/25 07:27	10/03/25 22:03	1
Cobalt	6.6		0.97	0.14	mg/Kg	☼	10/03/25 07:27	10/03/25 22:03	1
Copper	52.7		1.9	0.36	mg/Kg	☼	10/03/25 07:27	10/03/25 22:03	1
Iron	19500		58.1	7.4	mg/Kg	☼	10/03/25 07:27	10/03/25 22:03	1
Lead	252		0.58	0.19	mg/Kg	☼	10/03/25 07:27	10/03/25 22:03	1
Magnesium	11500		96.8	9.9	mg/Kg	☼	10/03/25 07:27	10/03/25 22:03	1
Manganese	309		3.9	0.39	mg/Kg	☼	10/03/25 07:27	10/03/25 22:03	1
Nickel	15.8		1.9	0.17	mg/Kg	☼	10/03/25 07:27	10/03/25 22:03	1
Potassium	1070		96.8	15.7	mg/Kg	☼	10/03/25 07:27	10/03/25 22:03	1
Selenium	0.28	J	1.2	0.12	mg/Kg	☼	10/03/25 07:27	10/03/25 22:03	1
Silver	0.40		0.39	0.086	mg/Kg	☼	10/03/25 07:27	10/03/25 22:03	1
Sodium	114		96.8	44.2	mg/Kg	☼	10/03/25 07:27	10/03/25 22:03	1
Thallium	0.12	J	0.39	0.040	mg/Kg	☼	10/03/25 07:27	10/03/25 22:03	1
Vanadium	28.5		1.9	0.20	mg/Kg	☼	10/03/25 07:27	10/03/25 22:03	1
Zinc	112		7.7	1.1	mg/Kg	☼	10/03/25 07:27	10/03/25 22:03	1

Method: SW846 7471B - Mercury (CVAA)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	0.041		0.017	0.0082	mg/Kg	☼	10/03/25 02:15	10/03/25 10:26	1

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Percent Moisture (EPA Moisture)	4.3		1.0	1.0	%			10/01/25 18:45	1
Percent Solids (EPA Moisture)	95.7		1.0	1.0	%			10/01/25 18:45	1

Client: Haley & Aldrich, Inc.
Project/Site: Former Port Mobil

Job ID: 460-335806-1

Client Sample ID: 58E_0-5
Date Collected: 09/26/25 08:40
Date Received: 09/26/25 16:20

Lab Sample ID: 460-335806-9
Matrix: Solid
Percent Solids: 92.9

Method: SW846 8270E - Semivolatile Organic Compounds (GC/MS)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1'-Biphenyl	0.35	U	0.35	0.012	mg/Kg	☼	09/27/25 15:56	09/28/25 11:28	1
1,2,4,5-Tetrachlorobenzene	0.35	U	0.35	0.011	mg/Kg	☼	09/27/25 15:56	09/28/25 11:28	1
1,4-Dioxane	0.035	U	0.035	0.031	mg/Kg	☼	09/27/25 15:56	09/28/25 11:28	1
2,2'-oxybis[1-chloropropane]	0.35	U	0.35	0.021	mg/Kg	☼	09/27/25 15:56	09/28/25 11:28	1
2,3,4,6-Tetrachlorophenol	0.35	U	0.35	0.024	mg/Kg	☼	09/27/25 15:56	09/28/25 11:28	1
2,4,5-Trichlorophenol	0.35	U	0.35	0.036	mg/Kg	☼	09/27/25 15:56	09/28/25 11:28	1
2,4,6-Trichlorophenol	0.14	U	0.14	0.046	mg/Kg	☼	09/27/25 15:56	09/28/25 11:28	1
2,4-Dichlorophenol	0.14	U	0.14	0.023	mg/Kg	☼	09/27/25 15:56	09/28/25 11:28	1
2,4-Dimethylphenol	0.35	U	0.35	0.042	mg/Kg	☼	09/27/25 15:56	09/28/25 11:28	1
2,4-Dinitrophenol	0.29	U	0.29	0.17	mg/Kg	☼	09/27/25 15:56	09/28/25 11:28	1
2,4-Dinitrotoluene	0.072	U	0.072	0.038	mg/Kg	☼	09/27/25 15:56	09/28/25 11:28	1
2,6-Dinitrotoluene	0.072	U	0.072	0.026	mg/Kg	☼	09/27/25 15:56	09/28/25 11:28	1
2-Chloronaphthalene	0.35	U	0.35	0.046	mg/Kg	☼	09/27/25 15:56	09/28/25 11:28	1
2-Chlorophenol	0.35	U	0.35	0.013	mg/Kg	☼	09/27/25 15:56	09/28/25 11:28	1
2-Methylnaphthalene	0.35	U	0.35	0.0099	mg/Kg	☼	09/27/25 15:56	09/28/25 11:28	1
2-Methylphenol	0.35	U	0.35	0.013	mg/Kg	☼	09/27/25 15:56	09/28/25 11:28	1
2-Nitroaniline	0.35	U	0.35	0.027	mg/Kg	☼	09/27/25 15:56	09/28/25 11:28	1
2-Nitrophenol	0.35	U	0.35	0.036	mg/Kg	☼	09/27/25 15:56	09/28/25 11:28	1
3 & 4 Methylphenol	0.35	U	0.35	0.022	mg/Kg	☼	09/27/25 15:56	09/28/25 11:28	1
3,3'-Dichlorobenzidine	0.14	U	0.14	0.054	mg/Kg	☼	09/27/25 15:56	09/28/25 11:28	1
3-Nitroaniline	0.35	U	0.35	0.084	mg/Kg	☼	09/27/25 15:56	09/28/25 11:28	1
4,6-Dinitro-2-methylphenol	0.29	U	0.29	0.14	mg/Kg	☼	09/27/25 15:56	09/28/25 11:28	1
4-Bromophenyl phenyl ether	0.35	U	0.35	0.014	mg/Kg	☼	09/27/25 15:56	09/28/25 11:28	1
4-Chloro-3-methylphenol	0.35	U	0.35	0.020	mg/Kg	☼	09/27/25 15:56	09/28/25 11:28	1
4-Chloroaniline	0.35	U	0.35	0.063	mg/Kg	☼	09/27/25 15:56	09/28/25 11:28	1
4-Chlorophenyl phenyl ether	0.35	U	0.35	0.013	mg/Kg	☼	09/27/25 15:56	09/28/25 11:28	1
4-Methylphenol	0.35	U	0.35	0.022	mg/Kg	☼	09/27/25 15:56	09/28/25 11:28	1
4-Nitroaniline	0.35	U	0.35	0.090	mg/Kg	☼	09/27/25 15:56	09/28/25 11:28	1
4-Nitrophenol	0.72	U	0.72	0.058	mg/Kg	☼	09/27/25 15:56	09/28/25 11:28	1
Acenaphthene	0.35	U	0.35	0.010	mg/Kg	☼	09/27/25 15:56	09/28/25 11:28	1
Acenaphthylene	0.35	U	0.35	0.010	mg/Kg	☼	09/27/25 15:56	09/28/25 11:28	1
Acetophenone	0.35	U	0.35	0.017	mg/Kg	☼	09/27/25 15:56	09/28/25 11:28	1
Anthracene	0.35	U	0.35	0.011	mg/Kg	☼	09/27/25 15:56	09/28/25 11:28	1
Atrazine	0.14	U	0.14	0.021	mg/Kg	☼	09/27/25 15:56	09/28/25 11:28	1
Benzaldehyde	0.35	U	0.35	0.059	mg/Kg	☼	09/27/25 15:56	09/28/25 11:28	1
Benzo[a]anthracene	0.035	U	0.035	0.027	mg/Kg	☼	09/27/25 15:56	09/28/25 11:28	1
Benzo[a]pyrene	0.035	U	0.035	0.0095	mg/Kg	☼	09/27/25 15:56	09/28/25 11:28	1
Benzo[b]fluoranthene	0.035	U	0.035	0.0092	mg/Kg	☼	09/27/25 15:56	09/28/25 11:28	1
Benzo[g,h,i]perylene	0.35	U	0.35	0.010	mg/Kg	☼	09/27/25 15:56	09/28/25 11:28	1
Benzo[k]fluoranthene	0.035	U	0.035	0.0070	mg/Kg	☼	09/27/25 15:56	09/28/25 11:28	1
Bis(2-chloroethoxy)methane	0.35	U	0.35	0.066	mg/Kg	☼	09/27/25 15:56	09/28/25 11:28	1
Bis(2-chloroethyl)ether	0.035	U	0.035	0.012	mg/Kg	☼	09/27/25 15:56	09/28/25 11:28	1
Bis(2-ethylhexyl) phthalate	0.35	U	0.35	0.019	mg/Kg	☼	09/27/25 15:56	09/28/25 11:28	1
Butyl benzyl phthalate	0.35	U	0.35	0.017	mg/Kg	☼	09/27/25 15:56	09/28/25 11:28	1
Caprolactam	0.35	U	0.35	0.055	mg/Kg	☼	09/27/25 15:56	09/28/25 11:28	1
Carbazole	0.35	U	0.35	0.014	mg/Kg	☼	09/27/25 15:56	09/28/25 11:28	1
Chrysene	0.35	U	0.35	0.015	mg/Kg	☼	09/27/25 15:56	09/28/25 11:28	1
Dibenz(a,h)anthracene	0.035	U	0.035	0.015	mg/Kg	☼	09/27/25 15:56	09/28/25 11:28	1
Dibenzofuran	0.35	U	0.35	0.012	mg/Kg	☼	09/27/25 15:56	09/28/25 11:28	1

Client Sample ID: 58E_0-5

Date Collected: 09/26/25 08:40
Date Received: 09/26/25 16:20

Lab Sample ID: 460-335806-9

Matrix: Solid
Percent Solids: 92.9

Method: SW846 8270E - Semivolatile Organic Compounds (GC/MS) (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Diethyl phthalate	0.35	U	0.35	0.011	mg/Kg	☼	09/27/25 15:56	09/28/25 11:28	1
Dimethyl phthalate	0.35	U	0.35	0.081	mg/Kg	☼	09/27/25 15:56	09/28/25 11:28	1
Di-n-butyl phthalate	0.35	U	0.35	0.013	mg/Kg	☼	09/27/25 15:56	09/28/25 11:28	1
Di-n-octyl phthalate	0.35	U	0.35	0.019	mg/Kg	☼	09/27/25 15:56	09/28/25 11:28	1
Fluoranthene	0.35	U	0.35	0.012	mg/Kg	☼	09/27/25 15:56	09/28/25 11:28	1
Fluorene	0.35	U	0.35	0.010	mg/Kg	☼	09/27/25 15:56	09/28/25 11:28	1
Hexachlorobenzene	0.035	U	0.035	0.017	mg/Kg	☼	09/27/25 15:56	09/28/25 11:28	1
Hexachlorobutadiene	0.072	U	0.072	0.0076	mg/Kg	☼	09/27/25 15:56	09/28/25 11:28	1
Hexachlorocyclopentadiene	0.35	U	0.35	0.031	mg/Kg	☼	09/27/25 15:56	09/28/25 11:28	1
Hexachloroethane	0.035	U	0.035	0.012	mg/Kg	☼	09/27/25 15:56	09/28/25 11:28	1
Indeno[1,2,3-cd]pyrene	0.035	U	0.035	0.014	mg/Kg	☼	09/27/25 15:56	09/28/25 11:28	1
Isophorone	0.14	U	0.14	0.10	mg/Kg	☼	09/27/25 15:56	09/28/25 11:28	1
Naphthalene	0.35	U	0.35	0.0061	mg/Kg	☼	09/27/25 15:56	09/28/25 11:28	1
Nitrobenzene	0.035	U	0.035	0.020	mg/Kg	☼	09/27/25 15:56	09/28/25 11:28	1
N-Nitrosodi-n-propylamine	0.035	U	0.035	0.026	mg/Kg	☼	09/27/25 15:56	09/28/25 11:28	1
N-Nitrosodiphenylamine	0.35	U	0.35	0.029	mg/Kg	☼	09/27/25 15:56	09/28/25 11:28	1
Pentachlorophenol	0.29	U	0.29	0.073	mg/Kg	☼	09/27/25 15:56	09/28/25 11:28	1
Phenanthrene	0.35	U	0.35	0.014	mg/Kg	☼	09/27/25 15:56	09/28/25 11:28	1
Phenol	0.35	U	0.35	0.013	mg/Kg	☼	09/27/25 15:56	09/28/25 11:28	1
Pyrene	0.35	U	0.35	0.0088	mg/Kg	☼	09/27/25 15:56	09/28/25 11:28	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
2,4,6-Tribromophenol (Surr)	*56*		*18 - 137*	*09/27/25 15:56*	*09/28/25 11:28*	*1*
2-Fluorobiphenyl	*42*		*33 - 117*	*09/27/25 15:56*	*09/28/25 11:28*	*1*
2-Fluorophenol (Surr)	*41*		*24 - 120*	*09/27/25 15:56*	*09/28/25 11:28*	*1*
Nitrobenzene-d5 (Surr)	*43*		*27 - 120*	*09/27/25 15:56*	*09/28/25 11:28*	*1*
Phenol-d5 (Surr)	*41*		*28 - 118*	*09/27/25 15:56*	*09/28/25 11:28*	*1*
Terphenyl-d14 (Surr)	*64*		*33 - 124*	*09/27/25 15:56*	*09/28/25 11:28*	*1*

Method: SW846 8081B - Organochlorine Pesticides (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
4,4'-DDD	0.0072	U	0.0072	0.0012	mg/Kg	☼	09/27/25 19:17	09/28/25 17:11	1
4,4'-DDE	0.0072	U	0.0072	0.00085	mg/Kg	☼	09/27/25 19:17	09/28/25 17:11	1
4,4'-DDT	0.0072	U	0.0072	0.0013	mg/Kg	☼	09/27/25 19:17	09/28/25 17:11	1
Aldrin	0.0072	U	0.0072	0.0011	mg/Kg	☼	09/27/25 19:17	09/28/25 17:11	1
alpha-BHC	0.0022	U	0.0022	0.00073	mg/Kg	☼	09/27/25 19:17	09/28/25 17:11	1
beta-BHC	0.0022	U	0.0022	0.00081	mg/Kg	☼	09/27/25 19:17	09/28/25 17:11	1
Chlordane (technical)	0.072	U	0.072	0.017	mg/Kg	☼	09/27/25 19:17	09/28/25 17:11	1
cis-Chlordane	0.0072	U	0.0072	0.0011	mg/Kg	☼	09/27/25 19:17	09/28/25 17:11	1
delta-BHC	0.0022	U	0.0022	0.00044	mg/Kg	☼	09/27/25 19:17	09/28/25 17:11	1
Dieldrin	0.0022	U	0.0022	0.00094	mg/Kg	☼	09/27/25 19:17	09/28/25 17:11	1
Endosulfan I	0.0072	U	0.0072	0.0011	mg/Kg	☼	09/27/25 19:17	09/28/25 17:11	1
Endosulfan II	0.0072	U	0.0072	0.0019	mg/Kg	☼	09/27/25 19:17	09/28/25 17:11	1
Endosulfan sulfate	0.0072	U	0.0072	0.00090	mg/Kg	☼	09/27/25 19:17	09/28/25 17:11	1
Endrin	0.0072	U	0.0072	0.0010	mg/Kg	☼	09/27/25 19:17	09/28/25 17:11	1
Endrin aldehyde	0.0072	U	0.0072	0.0017	mg/Kg	☼	09/27/25 19:17	09/28/25 17:11	1
Endrin ketone	0.0072	U	0.0072	0.0014	mg/Kg	☼	09/27/25 19:17	09/28/25 17:11	1
gamma-BHC (Lindane)	0.0022	U	0.0022	0.00067	mg/Kg	☼	09/27/25 19:17	09/28/25 17:11	1
Heptachlor	0.0072	U	0.0072	0.00085	mg/Kg	☼	09/27/25 19:17	09/28/25 17:11	1
Heptachlor epoxide	0.0072	U	0.0072	0.0011	mg/Kg	☼	09/27/25 19:17	09/28/25 17:11	1

Client Sample ID: 58E_0-5
Date Collected: 09/26/25 08:40
Date Received: 09/26/25 16:20

Lab Sample ID: 460-335806-9
Matrix: Solid
Percent Solids: 92.9

Method: SW846 8081B - Organochlorine Pesticides (GC) (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Methoxychlor	0.0072	U	0.0072	0.0016	mg/Kg	☼	09/27/25 19:17	09/28/25 17:11	1
Toxaphene	0.072	U	0.072	0.026	mg/Kg	☼	09/27/25 19:17	09/28/25 17:11	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
DCB Decachlorobiphenyl	*94*		*10 - 150*	*09/27/25 19:17*	*09/28/25 17:11*	*1*
DCB Decachlorobiphenyl	*99*		*10 - 150*	*09/27/25 19:17*	*09/28/25 17:11*	*1*
Tetrachloro-m-xylene	*78*		*14 - 150*	*09/27/25 19:17*	*09/28/25 17:11*	*1*
Tetrachloro-m-xylene	*76*		*14 - 150*	*09/27/25 19:17*	*09/28/25 17:11*	*1*

Method: SW846 8082A - Polychlorinated Biphenyls (PCBs) by Gas Chromatography

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Aroclor 1016	0.072	U	0.072	0.019	mg/Kg	☼	09/27/25 19:15	09/28/25 13:02	1
Aroclor 1221	0.072	U	0.072	0.019	mg/Kg	☼	09/27/25 19:15	09/28/25 13:02	1
Aroclor 1232	0.072	U	0.072	0.019	mg/Kg	☼	09/27/25 19:15	09/28/25 13:02	1
Aroclor 1242	0.072	U	0.072	0.019	mg/Kg	☼	09/27/25 19:15	09/28/25 13:02	1
Aroclor 1248	0.072	U	0.072	0.019	mg/Kg	☼	09/27/25 19:15	09/28/25 13:02	1
Aroclor 1254	0.072	U	0.072	0.019	mg/Kg	☼	09/27/25 19:15	09/28/25 13:02	1
Aroclor 1260	0.072	U	0.072	0.019	mg/Kg	☼	09/27/25 19:15	09/28/25 13:02	1
Aroclor-1262	0.072	U	0.072	0.019	mg/Kg	☼	09/27/25 19:15	09/28/25 13:02	1
Aroclor 1268	0.072	U	0.072	0.019	mg/Kg	☼	09/27/25 19:15	09/28/25 13:02	1
Polychlorinated biphenyls, Total	0.072	U	0.072	0.019	mg/Kg	☼	09/27/25 19:15	09/28/25 13:02	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
DCB Decachlorobiphenyl	*124*		*10 - 150*	*09/27/25 19:15*	*09/28/25 13:02*	*1*
DCB Decachlorobiphenyl	*131*		*10 - 150*	*09/27/25 19:15*	*09/28/25 13:02*	*1*
Tetrachloro-m-xylene	*98*		*10 - 150*	*09/27/25 19:15*	*09/28/25 13:02*	*1*
Tetrachloro-m-xylene	*96*		*10 - 150*	*09/27/25 19:15*	*09/28/25 13:02*	*1*

Method: EPA 1633A - Per- and Polyfluoroalkyl Substances by LC/MS/MS, 1633A

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Perfluorobutanoic acid (PFBA)	0.40	U	0.40	0.099	ug/Kg	☼	10/04/25 05:49	10/06/25 00:35	1
Perfluoropentanoic acid (PFPeA)	0.20	U	0.20	0.099	ug/Kg	☼	10/04/25 05:49	10/06/25 00:35	1
Perfluorohexanoic acid (PFHxA)	0.20	U	0.20	0.099	ug/Kg	☼	10/04/25 05:49	10/06/25 00:35	1
Perfluoroheptanoic acid (PFHpA)	0.20	U	0.20	0.099	ug/Kg	☼	10/04/25 05:49	10/06/25 00:35	1
Perfluorooctanoic acid (PFOA)	0.20	U	0.20	0.060	ug/Kg	☼	10/04/25 05:49	10/06/25 00:35	1
Perfluorononanoic acid (PFNA)	**0.27**		0.20	0.099	ug/Kg	☼	10/04/25 05:49	10/06/25 00:35	1
Perfluorodecanoic acid (PFDA)	**0.088**	**J**	0.20	0.060	ug/Kg	☼	10/04/25 05:49	10/06/25 00:35	1
Perfluoroundecanoic acid (PFUnA)	**1.90**		0.20	0.099	ug/Kg	☼	10/04/25 05:49	10/06/25 00:35	1
Perfluorododecanoic acid (PFDoA)	**0.30**		0.20	0.099	ug/Kg	☼	10/04/25 05:49	10/06/25 00:35	1
Perfluorotridecanoic acid (PFTrDA)	**2.07**		0.20	0.099	ug/Kg	☼	10/04/25 05:49	10/06/25 00:35	1
Perfluorotetradecanoic acid (PFTeDA)	0.20	U	0.20	0.099	ug/Kg	☼	10/04/25 05:49	10/06/25 00:35	1
Perfluorobutanesulfonic acid (PFBS)	0.20	U	0.20	0.099	ug/Kg	☼	10/04/25 05:49	10/06/25 00:35	1
Perfluoropentanesulfonic acid (PFPeS)	0.20	U	0.20	0.099	ug/Kg	☼	10/04/25 05:49	10/06/25 00:35	1
Perfluorohexanesulfonic acid (PFHxS)	0.20	U	0.20	0.099	ug/Kg	☼	10/04/25 05:49	10/06/25 00:35	1
Perfluoroheptanesulfonic acid (PFHpS)	0.20	U	0.20	0.099	ug/Kg	☼	10/04/25 05:49	10/06/25 00:35	1
Perfluorooctanesulfonic acid (PFOS)	0.20	U	0.20	0.099	ug/Kg	☼	10/04/25 05:49	10/06/25 00:35	1
Perfluorononanesulfonic acid (PFNS)	0.20	U	0.20	0.099	ug/Kg	☼	10/04/25 05:49	10/06/25 00:35	1

Client Sample ID: 58E_0-5
Date Collected: 09/26/25 08:40
Date Received: 09/26/25 16:20

Lab Sample ID: 460-335806-9
Matrix: Solid
Percent Solids: 92.9

Method: EPA 1633A - Per- and Polyfluoroalkyl Substances by LC/MS/MS, 1633A (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Perfluorodecanesulfonic acid (PFDS)	0.20	U *	0.20	0.099	ug/Kg	☼	10/04/25 05:49	10/06/25 00:35	1
Perfluorododecanesulfonic acid (PFDoS)	0.20	U *	0.20	0.099	ug/Kg	☼	10/04/25 05:49	10/06/25 00:35	1
1H,1H,2H,2H-Perfluorohexane sulfonic acid (4:2 FTS)	0.40	U	0.40	0.20	ug/Kg	☼	10/04/25 05:49	10/06/25 00:35	1
1H,1H,2H,2H-Perfluorooctane sulfonic acid (6:2 FTS)	0.40	U	0.40	0.20	ug/Kg	☼	10/04/25 05:49	10/06/25 00:35	1
1H,1H,2H,2H-Perfluorodecane sulfonic acid (8:2 FTS)	0.40	U	0.40	0.20	ug/Kg	☼	10/04/25 05:49	10/06/25 00:35	1
Perfluorooctanesulfonamide (PFOSA)	0.20	U	0.20	0.099	ug/Kg	☼	10/04/25 05:49	10/06/25 00:35	1
N-methylperfluorooctane sulfonamide (NMeFOSA)	0.20	U	0.20	0.099	ug/Kg	☼	10/04/25 05:49	10/06/25 00:35	1
N-ethylperfluorooctane sulfonamide (NEtFOSA)	0.20	U	0.20	0.099	ug/Kg	☼	10/04/25 05:49	10/06/25 00:35	1
N-methylperfluorooctanesulfonamidoacetic acid (NMeFOSAA)	0.20	U	0.20	0.099	ug/Kg	☼	10/04/25 05:49	10/06/25 00:35	1
N-ethylperfluorooctanesulfonamidoacetic acid (NEtFOSAA)	0.20	U	0.20	0.099	ug/Kg	☼	10/04/25 05:49	10/06/25 00:35	1
N-methylperfluorooctane sulfonamidoethanol (NMeFOSE)	0.99	U	0.99	0.50	ug/Kg	☼	10/04/25 05:49	10/06/25 00:35	1
N-ethylperfluorooctane sulfonamidoethanol (NEtFOSE)	0.99	U	0.99	0.50	ug/Kg	☼	10/04/25 05:49	10/06/25 00:35	1
Hexafluoropropylene Oxide Dimer Acid (HFPO-DA)	0.20	U	0.20	0.099	ug/Kg	☼	10/04/25 05:49	10/06/25 00:35	1
4,8-Dioxa-3H-perfluorononanoic acid (ADONA)	0.20	U	0.20	0.099	ug/Kg	☼	10/04/25 05:49	10/06/25 00:35	1
Perfluoro-3-methoxypropanoic acid (PFMPA)	0.20	U	0.20	0.099	ug/Kg	☼	10/04/25 05:49	10/06/25 00:35	1
Perfluoro-4-methoxybutanoic acid (PFMBA)	0.20	U	0.20	0.099	ug/Kg	☼	10/04/25 05:49	10/06/25 00:35	1
Nonafluoro-3,6-dioxaheptanoic acid (NFDHA)	0.20	U	0.20	0.099	ug/Kg	☼	10/04/25 05:49	10/06/25 00:35	1
9-Chlorohexadecafluoro-3-oxanonane-1-sulfonic acid (9Cl-PF3ONS)	0.20	U	0.20	0.099	ug/Kg	☼	10/04/25 05:49	10/06/25 00:35	1
11-Chloroeicosafluoro-3-oxaundecane-1-sulfonic acid (11Cl-PF3OUdS)	0.20	U *	0.20	0.099	ug/Kg	☼	10/04/25 05:49	10/06/25 00:35	1
Perfluoro (2-ethoxyethane) sulfonic acid (PFEESA)	0.20	U	0.20	0.099	ug/Kg	☼	10/04/25 05:49	10/06/25 00:35	1
3-Perfluoropropylpropanoic acid (3:3 FTCA)	0.40	U	0.40	0.20	ug/Kg	☼	10/04/25 05:49	10/06/25 00:35	1
3-Perfluoropentylpropanoic acid (5:3 FTCA)	0.99	U	0.99	0.50	ug/Kg	☼	10/04/25 05:49	10/06/25 00:35	1
3-Perfluoroheptylpropanoic acid (7:3 FTCA)	0.99	U	0.99	0.50	ug/Kg	☼	10/04/25 05:49	10/06/25 00:35	1

Isotope Dilution	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
13C4 PFBA	*104*		*8 - 130*	*10/04/25 05:49*	*10/06/25 00:35*	*1*
13C5 PFPeA	*98.1*		*35 - 130*	*10/04/25 05:49*	*10/06/25 00:35*	*1*
13C5 PFHxA	*100*		*40 - 130*	*10/04/25 05:49*	*10/06/25 00:35*	*1*
13C4 PFHpA	*103*		*40 - 130*	*10/04/25 05:49*	*10/06/25 00:35*	*1*
13C8 PFOA	*96.9*		*40 - 130*	*10/04/25 05:49*	*10/06/25 00:35*	*1*
13C9 PFNA	*92.6*		*40 - 130*	*10/04/25 05:49*	*10/06/25 00:35*	*1*
13C6 PFDA	*93.6*		*40 - 130*	*10/04/25 05:49*	*10/06/25 00:35*	*1*
13C7 PFUnA	*91.1*		*40 - 130*	*10/04/25 05:49*	*10/06/25 00:35*	*1*
13C2 PFTeDA	*70.9*		*20 - 130*	*10/04/25 05:49*	*10/06/25 00:35*	*1*

Client Sample ID: 58E_0-5

Date Collected: 09/26/25 08:40
Date Received: 09/26/25 16:20

Lab Sample ID: 460-335806-9

Matrix: Solid
Percent Solids: 92.9

Method: EPA 1633A - Per- and Polyfluoroalkyl Substances by LC/MS/MS, 1633A (Continued)

Isotope Dilution	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
13C3 PFBS	108		40 - 135	10/04/25 05:49	10/06/25 00:35	1
13C3 PFHxS	92.1		40 - 130	10/04/25 05:49	10/06/25 00:35	1
13C8 PFOS	89.8		40 - 130	10/04/25 05:49	10/06/25 00:35	1
13C8 FOSA	83.3		40 - 130	10/04/25 05:49	10/06/25 00:35	1
d3-NMeFOSAA	67.9		40 - 135	10/04/25 05:49	10/06/25 00:35	1
d5-NEtFOSAA	92.0		40 - 150	10/04/25 05:49	10/06/25 00:35	1
13C2 4:2 FTS	115		40 - 165	10/04/25 05:49	10/06/25 00:35	1
13C2 6:2 FTS	104		40 - 215	10/04/25 05:49	10/06/25 00:35	1
13C2 8:2 FTS	72.7		40 - 275	10/04/25 05:49	10/06/25 00:35	1
13C3 HFPO-DA	99.0		40 - 130	10/04/25 05:49	10/06/25 00:35	1
d7-N-MeFOSE-M	51.2		20 - 130	10/04/25 05:49	10/06/25 00:35	1
d9-N-EtFOSE-M	41.9		15 - 130	10/04/25 05:49	10/06/25 00:35	1
d5-NEtPFOSA	65.0		10 - 130	10/04/25 05:49	10/06/25 00:35	1
d3-NMePFOSA	72.7		10 - 130	10/04/25 05:49	10/06/25 00:35	1
13C2 PFDoA	78.4		40 - 130	10/04/25 05:49	10/06/25 00:35	1

Method: SW846 6020B - Metals (ICP/MS)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Aluminum	8560		19.6	5.4	mg/Kg	☼	10/03/25 07:27	10/03/25 22:06	1
Antimony	0.46	J	0.98	0.14	mg/Kg	☼	10/03/25 07:27	10/03/25 22:06	1
Arsenic	6.5		0.98	0.10	mg/Kg	☼	10/03/25 07:27	10/03/25 22:06	1
Barium	55.4		2.0	0.14	mg/Kg	☼	10/03/25 07:27	10/03/25 22:06	1
Beryllium	0.57		0.39	0.022	mg/Kg	☼	10/03/25 07:27	10/03/25 22:06	1
Cadmium	0.28	J	0.98	0.11	mg/Kg	☼	10/03/25 07:27	10/03/25 22:06	1
Calcium	14400		97.8	9.5	mg/Kg	☼	10/03/25 07:27	10/03/25 22:06	1
Chromium	15.3		2.0	0.29	mg/Kg	☼	10/03/25 07:27	10/03/25 22:06	1
Cobalt	6.9		0.98	0.14	mg/Kg	☼	10/03/25 07:27	10/03/25 22:06	1
Copper	31.7		2.0	0.36	mg/Kg	☼	10/03/25 07:27	10/03/25 22:06	1
Iron	19100		58.7	7.5	mg/Kg	☼	10/03/25 07:27	10/03/25 22:06	1
Lead	97.0		0.59	0.20	mg/Kg	☼	10/03/25 07:27	10/03/25 22:06	1
Magnesium	4250		97.8	10	mg/Kg	☼	10/03/25 07:27	10/03/25 22:06	1
Manganese	289		3.9	0.39	mg/Kg	☼	10/03/25 07:27	10/03/25 22:06	1
Nickel	13.5		2.0	0.17	mg/Kg	☼	10/03/25 07:27	10/03/25 22:06	1
Potassium	1060		97.8	15.8	mg/Kg	☼	10/03/25 07:27	10/03/25 22:06	1
Selenium	0.21	J	1.2	0.13	mg/Kg	☼	10/03/25 07:27	10/03/25 22:06	1
Silver	0.19	J	0.39	0.087	mg/Kg	☼	10/03/25 07:27	10/03/25 22:06	1
Sodium	104		97.8	44.7	mg/Kg	☼	10/03/25 07:27	10/03/25 22:06	1
Thallium	0.11	J	0.39	0.040	mg/Kg	☼	10/03/25 07:27	10/03/25 22:06	1
Vanadium	24.3		2.0	0.20	mg/Kg	☼	10/03/25 07:27	10/03/25 22:06	1
Zinc	71.0		7.8	1.1	mg/Kg	☼	10/03/25 07:27	10/03/25 22:06	1

Method: SW846 7471B - Mercury (CVAA)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	0.027		0.018	0.0086	mg/Kg	☼	10/03/25 02:15	10/03/25 10:43	1

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Percent Moisture (EPA Moisture)	7.1		1.0	1.0	%			10/01/25 18:45	1
Percent Solids (EPA Moisture)	92.9		1.0	1.0	%			10/01/25 18:45	1

Client: Haley & Aldrich, Inc.
Project/Site: Former Port Mobil

Job ID: 460-335806-1

Client Sample ID: 58E_5-10
Date Collected: 09/26/25 08:45
Date Received: 09/26/25 16:20

Lab Sample ID: 460-335806-10
Matrix: Solid
Percent Solids: 88.7

Method: SW846 8270E - Semivolatile Organic Compounds (GC/MS)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1'-Biphenyl	0.37	U	0.37	0.013	mg/Kg	☼	09/27/25 15:56	09/28/25 11:53	1
1,2,4,5-Tetrachlorobenzene	0.37	U	0.37	0.011	mg/Kg	☼	09/27/25 15:56	09/28/25 11:53	1
1,4-Dioxane	0.037	U	0.037	0.032	mg/Kg	☼	09/27/25 15:56	09/28/25 11:53	1
2,2'-oxybis[1-chloropropane]	0.37	U	0.37	0.022	mg/Kg	☼	09/27/25 15:56	09/28/25 11:53	1
2,3,4,6-Tetrachlorophenol	0.37	U	0.37	0.025	mg/Kg	☼	09/27/25 15:56	09/28/25 11:53	1
2,4,5-Trichlorophenol	0.37	U	0.37	0.038	mg/Kg	☼	09/27/25 15:56	09/28/25 11:53	1
2,4,6-Trichlorophenol	0.15	U	0.15	0.047	mg/Kg	☼	09/27/25 15:56	09/28/25 11:53	1
2,4-Dichlorophenol	0.15	U	0.15	0.024	mg/Kg	☼	09/27/25 15:56	09/28/25 11:53	1
2,4-Dimethylphenol	0.37	U	0.37	0.044	mg/Kg	☼	09/27/25 15:56	09/28/25 11:53	1
2,4-Dinitrophenol	0.30	U	0.30	0.18	mg/Kg	☼	09/27/25 15:56	09/28/25 11:53	1
2,4-Dinitrotoluene	0.075	U	0.075	0.040	mg/Kg	☼	09/27/25 15:56	09/28/25 11:53	1
2,6-Dinitrotoluene	0.075	U	0.075	0.027	mg/Kg	☼	09/27/25 15:56	09/28/25 11:53	1
2-Chloronaphthalene	0.37	U	0.37	0.047	mg/Kg	☼	09/27/25 15:56	09/28/25 11:53	1
2-Chlorophenol	0.37	U	0.37	0.013	mg/Kg	☼	09/27/25 15:56	09/28/25 11:53	1
2-Methylnaphthalene	0.37	U	0.37	0.010	mg/Kg	☼	09/27/25 15:56	09/28/25 11:53	1
2-Methylphenol	0.37	U	0.37	0.014	mg/Kg	☼	09/27/25 15:56	09/28/25 11:53	1
2-Nitroaniline	0.37	U	0.37	0.028	mg/Kg	☼	09/27/25 15:56	09/28/25 11:53	1
2-Nitrophenol	0.37	U	0.37	0.037	mg/Kg	☼	09/27/25 15:56	09/28/25 11:53	1
3 & 4 Methylphenol	0.37	U	0.37	0.023	mg/Kg	☼	09/27/25 15:56	09/28/25 11:53	1
3,3'-Dichlorobenzidine	0.15	U	0.15	0.056	mg/Kg	☼	09/27/25 15:56	09/28/25 11:53	1
3-Nitroaniline	0.37	U	0.37	0.087	mg/Kg	☼	09/27/25 15:56	09/28/25 11:53	1
4,6-Dinitro-2-methylphenol	0.30	U	0.30	0.15	mg/Kg	☼	09/27/25 15:56	09/28/25 11:53	1
4-Bromophenyl phenyl ether	0.37	U	0.37	0.015	mg/Kg	☼	09/27/25 15:56	09/28/25 11:53	1
4-Chloro-3-methylphenol	0.37	U	0.37	0.021	mg/Kg	☼	09/27/25 15:56	09/28/25 11:53	1
4-Chloroaniline	0.37	U	0.37	0.065	mg/Kg	☼	09/27/25 15:56	09/28/25 11:53	1
4-Chlorophenyl phenyl ether	0.37	U	0.37	0.013	mg/Kg	☼	09/27/25 15:56	09/28/25 11:53	1
4-Methylphenol	0.37	U	0.37	0.023	mg/Kg	☼	09/27/25 15:56	09/28/25 11:53	1
4-Nitroaniline	0.37	U	0.37	0.093	mg/Kg	☼	09/27/25 15:56	09/28/25 11:53	1
4-Nitrophenol	0.75	U	0.75	0.060	mg/Kg	☼	09/27/25 15:56	09/28/25 11:53	1
Acenaphthene	0.37	U	0.37	0.010	mg/Kg	☼	09/27/25 15:56	09/28/25 11:53	1
Acenaphthylene	0.37	U	0.37	0.011	mg/Kg	☼	09/27/25 15:56	09/28/25 11:53	1
Acetophenone	0.37	U	0.37	0.018	mg/Kg	☼	09/27/25 15:56	09/28/25 11:53	1
Anthracene	0.37	U	0.37	0.011	mg/Kg	☼	09/27/25 15:56	09/28/25 11:53	1
Atrazine	0.15	U	0.15	0.022	mg/Kg	☼	09/27/25 15:56	09/28/25 11:53	1
Benzaldehyde	0.37	U	0.37	0.061	mg/Kg	☼	09/27/25 15:56	09/28/25 11:53	1
Benzo[a]anthracene	0.037	U	0.037	0.028	mg/Kg	☼	09/27/25 15:56	09/28/25 11:53	1
Benzo[a]pyrene	0.037	U	0.037	0.0098	mg/Kg	☼	09/27/25 15:56	09/28/25 11:53	1
Benzo[b]fluoranthene	0.037	U	0.037	0.0095	mg/Kg	☼	09/27/25 15:56	09/28/25 11:53	1
Benzo[g,h,i]perylene	0.37	U	0.37	0.011	mg/Kg	☼	09/27/25 15:56	09/28/25 11:53	1
Benzo[k]fluoranthene	0.037	U	0.037	0.0072	mg/Kg	☼	09/27/25 15:56	09/28/25 11:53	1
Bis(2-chloroethoxy)methane	0.37	U	0.37	0.068	mg/Kg	☼	09/27/25 15:56	09/28/25 11:53	1
Bis(2-chloroethyl)ether	0.037	U	0.037	0.013	mg/Kg	☼	09/27/25 15:56	09/28/25 11:53	1
Bis(2-ethylhexyl) phthalate	0.37	U	0.37	0.019	mg/Kg	☼	09/27/25 15:56	09/28/25 11:53	1
Butyl benzyl phthalate	0.37	U	0.37	0.017	mg/Kg	☼	09/27/25 15:56	09/28/25 11:53	1
Caprolactam	0.37	U	0.37	0.057	mg/Kg	☼	09/27/25 15:56	09/28/25 11:53	1
Carbazole	0.37	U	0.37	0.014	mg/Kg	☼	09/27/25 15:56	09/28/25 11:53	1
Chrysene	0.37	U	0.37	0.015	mg/Kg	☼	09/27/25 15:56	09/28/25 11:53	1
Dibenz(a,h)anthracene	0.037	U	0.037	0.016	mg/Kg	☼	09/27/25 15:56	09/28/25 11:53	1
Dibenzofuran	0.37	U	0.37	0.012	mg/Kg	☼	09/27/25 15:56	09/28/25 11:53	1

Client Sample ID: 58E_5-10

Date Collected: 09/26/25 08:45
Date Received: 09/26/25 16:20

Lab Sample ID: 460-335806-10

Matrix: Solid
Percent Solids: 88.7

Method: SW846 8270E - Semivolatile Organic Compounds (GC/MS) (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Diethyl phthalate	0.37	U	0.37	0.012	mg/Kg	☼	09/27/25 15:56	09/28/25 11:53	1
Dimethyl phthalate	0.37	U	0.37	0.084	mg/Kg	☼	09/27/25 15:56	09/28/25 11:53	1
Di-n-butyl phthalate	0.37	U	0.37	0.014	mg/Kg	☼	09/27/25 15:56	09/28/25 11:53	1
Di-n-octyl phthalate	0.37	U	0.37	0.020	mg/Kg	☼	09/27/25 15:56	09/28/25 11:53	1
Fluoranthene	0.37	U	0.37	0.013	mg/Kg	☼	09/27/25 15:56	09/28/25 11:53	1
Fluorene	0.37	U	0.37	0.011	mg/Kg	☼	09/27/25 15:56	09/28/25 11:53	1
Hexachlorobenzene	0.037	U	0.037	0.017	mg/Kg	☼	09/27/25 15:56	09/28/25 11:53	1
Hexachlorobutadiene	0.075	U	0.075	0.0078	mg/Kg	☼	09/27/25 15:56	09/28/25 11:53	1
Hexachlorocyclopentadiene	0.37	U	0.37	0.032	mg/Kg	☼	09/27/25 15:56	09/28/25 11:53	1
Hexachloroethane	0.037	U	0.037	0.013	mg/Kg	☼	09/27/25 15:56	09/28/25 11:53	1
Indeno[1,2,3-cd]pyrene	0.037	U	0.037	0.014	mg/Kg	☼	09/27/25 15:56	09/28/25 11:53	1
Isophorone	0.15	U	0.15	0.11	mg/Kg	☼	09/27/25 15:56	09/28/25 11:53	1
Naphthalene	0.37	U	0.37	0.0064	mg/Kg	☼	09/27/25 15:56	09/28/25 11:53	1
Nitrobenzene	0.037	U	0.037	0.020	mg/Kg	☼	09/27/25 15:56	09/28/25 11:53	1
N-Nitrosodi-n-propylamine	0.037	U	0.037	0.027	mg/Kg	☼	09/27/25 15:56	09/28/25 11:53	1
N-Nitrosodiphenylamine	0.37	U	0.37	0.030	mg/Kg	☼	09/27/25 15:56	09/28/25 11:53	1
Pentachlorophenol	0.30	U	0.30	0.076	mg/Kg	☼	09/27/25 15:56	09/28/25 11:53	1
Phenanthrene	0.37	U	0.37	0.015	mg/Kg	☼	09/27/25 15:56	09/28/25 11:53	1
Phenol	0.37	U	0.37	0.014	mg/Kg	☼	09/27/25 15:56	09/28/25 11:53	1
Pyrene	0.37	U	0.37	0.0092	mg/Kg	☼	09/27/25 15:56	09/28/25 11:53	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
2,4,6-Tribromophenol (Surr)	*43*		*18 - 137*	*09/27/25 15:56*	*09/28/25 11:53*	*1*
2-Fluorobiphenyl	*36*		*33 - 117*	*09/27/25 15:56*	*09/28/25 11:53*	*1*
2-Fluorophenol (Surr)	*34*		*24 - 120*	*09/27/25 15:56*	*09/28/25 11:53*	*1*
Nitrobenzene-d5 (Surr)	*37*		*27 - 120*	*09/27/25 15:56*	*09/28/25 11:53*	*1*
Phenol-d5 (Surr)	*34*		*28 - 118*	*09/27/25 15:56*	*09/28/25 11:53*	*1*
Terphenyl-d14 (Surr)	*66*		*33 - 124*	*09/27/25 15:56*	*09/28/25 11:53*	*1*

Method: SW846 8081B - Organochlorine Pesticides (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
4,4'-DDD	0.0076	U	0.0076	0.0013	mg/Kg	☼	09/27/25 19:17	09/28/25 17:24	1
4,4'-DDE	0.0076	U	0.0076	0.00089	mg/Kg	☼	09/27/25 19:17	09/28/25 17:24	1
4,4'-DDT	0.0076	U	0.0076	0.0014	mg/Kg	☼	09/27/25 19:17	09/28/25 17:24	1
Aldrin	0.0076	U	0.0076	0.0011	mg/Kg	☼	09/27/25 19:17	09/28/25 17:24	1
alpha-BHC	0.0023	U	0.0023	0.00077	mg/Kg	☼	09/27/25 19:17	09/28/25 17:24	1
beta-BHC	0.0023	U	0.0023	0.00085	mg/Kg	☼	09/27/25 19:17	09/28/25 17:24	1
Chlordane (technical)	0.076	U	0.076	0.018	mg/Kg	☼	09/27/25 19:17	09/28/25 17:24	1
cis-Chlordane	0.0076	U	0.0076	0.0012	mg/Kg	☼	09/27/25 19:17	09/28/25 17:24	1
delta-BHC	0.0023	U	0.0023	0.00046	mg/Kg	☼	09/27/25 19:17	09/28/25 17:24	1
Dieldrin	0.0023	U	0.0023	0.00098	mg/Kg	☼	09/27/25 19:17	09/28/25 17:24	1
Endosulfan I	0.0076	U	0.0076	0.0011	mg/Kg	☼	09/27/25 19:17	09/28/25 17:24	1
Endosulfan II	0.0076	U	0.0076	0.0019	mg/Kg	☼	09/27/25 19:17	09/28/25 17:24	1
Endosulfan sulfate	0.0076	U	0.0076	0.00095	mg/Kg	☼	09/27/25 19:17	09/28/25 17:24	1
Endrin	0.0076	U	0.0076	0.0011	mg/Kg	☼	09/27/25 19:17	09/28/25 17:24	1
Endrin aldehyde	0.0076	U	0.0076	0.0018	mg/Kg	☼	09/27/25 19:17	09/28/25 17:24	1
Endrin ketone	0.0076	U	0.0076	0.0015	mg/Kg	☼	09/27/25 19:17	09/28/25 17:24	1
gamma-BHC (Lindane)	0.0023	U	0.0023	0.00070	mg/Kg	☼	09/27/25 19:17	09/28/25 17:24	1
Heptachlor	0.0076	U	0.0076	0.00089	mg/Kg	☼	09/27/25 19:17	09/28/25 17:24	1
Heptachlor epoxide	0.0076	U	0.0076	0.0011	mg/Kg	☼	09/27/25 19:17	09/28/25 17:24	1

Client Sample ID: 58E_5-10
Date Collected: 09/26/25 08:45
Date Received: 09/26/25 16:20

Lab Sample ID: 460-335806-10
Matrix: Solid
Percent Solids: 88.7

Method: SW846 8081B - Organochlorine Pesticides (GC) (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Methoxychlor	0.0076	U	0.0076	0.0017	mg/Kg	☼	09/27/25 19:17	09/28/25 17:24	1
Toxaphene	0.076	U	0.076	0.027	mg/Kg	☼	09/27/25 19:17	09/28/25 17:24	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
DCB Decachlorobiphenyl	*125*		*10 - 150*	*09/27/25 19:17*	*09/28/25 17:24*	*1*
DCB Decachlorobiphenyl	*120*		*10 - 150*	*09/27/25 19:17*	*09/28/25 17:24*	*1*
Tetrachloro-m-xylene	*92*		*14 - 150*	*09/27/25 19:17*	*09/28/25 17:24*	*1*
Tetrachloro-m-xylene	*93*		*14 - 150*	*09/27/25 19:17*	*09/28/25 17:24*	*1*

Method: SW846 8082A - Polychlorinated Biphenyls (PCBs) by Gas Chromatography

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Aroclor 1016	0.076	U	0.076	0.020	mg/Kg	☼	09/27/25 19:15	09/28/25 13:24	1
Aroclor 1221	0.076	U	0.076	0.020	mg/Kg	☼	09/27/25 19:15	09/28/25 13:24	1
Aroclor 1232	0.076	U	0.076	0.020	mg/Kg	☼	09/27/25 19:15	09/28/25 13:24	1
Aroclor 1242	0.076	U	0.076	0.020	mg/Kg	☼	09/27/25 19:15	09/28/25 13:24	1
Aroclor 1248	0.076	U	0.076	0.020	mg/Kg	☼	09/27/25 19:15	09/28/25 13:24	1
Aroclor 1254	0.076	U	0.076	0.020	mg/Kg	☼	09/27/25 19:15	09/28/25 13:24	1
Aroclor 1260	0.076	U	0.076	0.020	mg/Kg	☼	09/27/25 19:15	09/28/25 13:24	1
Aroclor-1262	0.076	U	0.076	0.020	mg/Kg	☼	09/27/25 19:15	09/28/25 13:24	1
Aroclor 1268	0.076	U	0.076	0.020	mg/Kg	☼	09/27/25 19:15	09/28/25 13:24	1
Polychlorinated biphenyls, Total	0.076	U	0.076	0.020	mg/Kg	☼	09/27/25 19:15	09/28/25 13:24	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
DCB Decachlorobiphenyl	*126*		*10 - 150*	*09/27/25 19:15*	*09/28/25 13:24*	*1*
DCB Decachlorobiphenyl	*132*		*10 - 150*	*09/27/25 19:15*	*09/28/25 13:24*	*1*
Tetrachloro-m-xylene	*101*		*10 - 150*	*09/27/25 19:15*	*09/28/25 13:24*	*1*
Tetrachloro-m-xylene	*100*		*10 - 150*	*09/27/25 19:15*	*09/28/25 13:24*	*1*

Method: EPA 1633A - Per- and Polyfluoroalkyl Substances by LC/MS/MS, 1633A

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Perfluorobutanoic acid (PFBA)	0.39	U	0.39	0.098	ug/Kg	☼	10/04/25 05:49	10/06/25 00:48	1
Perfluoropentanoic acid (PFPeA)	0.20	U	0.20	0.098	ug/Kg	☼	10/04/25 05:49	10/06/25 00:48	1
Perfluorohexanoic acid (PFHxA)	0.20	U	0.20	0.098	ug/Kg	☼	10/04/25 05:49	10/06/25 00:48	1
Perfluoroheptanoic acid (PFHpA)	0.20	U	0.20	0.098	ug/Kg	☼	10/04/25 05:49	10/06/25 00:48	1
Perfluorooctanoic acid (PFOA)	0.20	U	0.20	0.059	ug/Kg	☼	10/04/25 05:49	10/06/25 00:48	1
Perfluorononanoic acid (PFNA)	0.20	U	0.20	0.098	ug/Kg	☼	10/04/25 05:49	10/06/25 00:48	1
Perfluorodecanoic acid (PFDA)	0.20	U	0.20	0.059	ug/Kg	☼	10/04/25 05:49	10/06/25 00:48	1
Perfluoroundecanoic acid (PFUnA)	**0.34**		0.20	0.098	ug/Kg	☼	10/04/25 05:49	10/06/25 00:48	1
Perfluorododecanoic acid (PFDoA)	**0.099**	**J**	0.20	0.098	ug/Kg	☼	10/04/25 05:49	10/06/25 00:48	1
Perfluorotridecanoic acid (PFTrDA)	**0.93**		0.20	0.098	ug/Kg	☼	10/04/25 05:49	10/06/25 00:48	1
Perfluorotetradecanoic acid (PFTeDA)	0.20	U	0.20	0.098	ug/Kg	☼	10/04/25 05:49	10/06/25 00:48	1
Perfluorobutanesulfonic acid (PFBS)	0.20	U	0.20	0.098	ug/Kg	☼	10/04/25 05:49	10/06/25 00:48	1
Perfluoropentanesulfonic acid (PFPeS)	0.20	U	0.20	0.098	ug/Kg	☼	10/04/25 05:49	10/06/25 00:48	1
Perfluorohexanesulfonic acid (PFHxS)	0.20	U	0.20	0.098	ug/Kg	☼	10/04/25 05:49	10/06/25 00:48	1
Perfluoroheptanesulfonic acid (PFHpS)	0.20	U	0.20	0.098	ug/Kg	☼	10/04/25 05:49	10/06/25 00:48	1
Perfluorooctanesulfonic acid (PFOS)	0.20	U	0.20	0.098	ug/Kg	☼	10/04/25 05:49	10/06/25 00:48	1
Perfluorononanesulfonic acid (PFNS)	0.20	U	0.20	0.098	ug/Kg	☼	10/04/25 05:49	10/06/25 00:48	1

Client Sample ID: 58E_5-10
Date Collected: 09/26/25 08:45
Date Received: 09/26/25 16:20

Lab Sample ID: 460-335806-10
Matrix: Solid
Percent Solids: 88.7

Method: EPA 1633A - Per- and Polyfluoroalkyl Substances by LC/MS/MS, 1633A (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Perfluorodecanesulfonic acid (PFDS)	0.20	U *	0.20	0.098	ug/Kg	☼	10/04/25 05:49	10/06/25 00:48	1
Perfluorododecanesulfonic acid (PFDoS)	0.20	U *	0.20	0.098	ug/Kg	☼	10/04/25 05:49	10/06/25 00:48	1
1H,1H,2H,2H-Perfluorohexane sulfonic acid (4:2 FTS)	0.39	U	0.39	0.20	ug/Kg	☼	10/04/25 05:49	10/06/25 00:48	1
1H,1H,2H,2H-Perfluorooctane sulfonic acid (6:2 FTS)	0.39	U	0.39	0.20	ug/Kg	☼	10/04/25 05:49	10/06/25 00:48	1
1H,1H,2H,2H-Perfluorodecane sulfonic acid (8:2 FTS)	0.39	U	0.39	0.20	ug/Kg	☼	10/04/25 05:49	10/06/25 00:48	1
Perfluorooctanesulfonamide (PFOSA)	0.20	U	0.20	0.098	ug/Kg	☼	10/04/25 05:49	10/06/25 00:48	1
N-methylperfluorooctane sulfonamide (NMeFOSA)	0.20	U	0.20	0.098	ug/Kg	☼	10/04/25 05:49	10/06/25 00:48	1
N-ethylperfluorooctane sulfonamide (NEtFOSA)	0.20	U	0.20	0.098	ug/Kg	☼	10/04/25 05:49	10/06/25 00:48	1
N-methylperfluorooctanesulfonamidoacetic acid (NMeFOSAA)	0.20	U	0.20	0.098	ug/Kg	☼	10/04/25 05:49	10/06/25 00:48	1
N-ethylperfluorooctanesulfonamidoacetic acid (NEtFOSAA)	0.20	U	0.20	0.098	ug/Kg	☼	10/04/25 05:49	10/06/25 00:48	1
N-methylperfluorooctane sulfonamidoethanol (NMeFOSE)	0.98	U	0.98	0.49	ug/Kg	☼	10/04/25 05:49	10/06/25 00:48	1
N-ethylperfluorooctane sulfonamidoethanol (NEtFOSE)	0.98	U	0.98	0.49	ug/Kg	☼	10/04/25 05:49	10/06/25 00:48	1
Hexafluoropropylene Oxide Dimer Acid (HFPO-DA)	0.20	U	0.20	0.098	ug/Kg	☼	10/04/25 05:49	10/06/25 00:48	1
4,8-Dioxa-3H-perfluorononanoic acid (ADONA)	0.20	U	0.20	0.098	ug/Kg	☼	10/04/25 05:49	10/06/25 00:48	1
Perfluoro-3-methoxypropanoic acid (PFMPA)	0.20	U	0.20	0.098	ug/Kg	☼	10/04/25 05:49	10/06/25 00:48	1
Perfluoro-4-methoxybutanoic acid (PFMBA)	0.20	U	0.20	0.098	ug/Kg	☼	10/04/25 05:49	10/06/25 00:48	1
Nonafluoro-3,6-dioxaheptanoic acid (NFDHA)	0.20	U	0.20	0.098	ug/Kg	☼	10/04/25 05:49	10/06/25 00:48	1
9-Chlorohexadecafluoro-3-oxanonane-1-sulfonic acid (9Cl-PF3ONS)	0.20	U	0.20	0.098	ug/Kg	☼	10/04/25 05:49	10/06/25 00:48	1
11-Chloroeicosafluoro-3-oxaundecane-1-sulfonic acid (11Cl-PF3OUdS)	0.20	U *	0.20	0.098	ug/Kg	☼	10/04/25 05:49	10/06/25 00:48	1
Perfluoro (2-ethoxyethane) sulfonic acid (PFEESA)	0.20	U	0.20	0.098	ug/Kg	☼	10/04/25 05:49	10/06/25 00:48	1
3-Perfluoropropylpropanoic acid (3:3 FTCA)	0.39	U	0.39	0.20	ug/Kg	☼	10/04/25 05:49	10/06/25 00:48	1
3-Perfluoropentylpropanoic acid (5:3 FTCA)	0.98	U	0.98	0.49	ug/Kg	☼	10/04/25 05:49	10/06/25 00:48	1
3-Perfluoroheptylpropanoic acid (7:3 FTCA)	0.98	U	0.98	0.49	ug/Kg	☼	10/04/25 05:49	10/06/25 00:48	1

Isotope Dilution	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
13C4 PFBA	*101*		*8 - 130*	*10/04/25 05:49*	*10/06/25 00:48*	*1*
13C5 PFPeA	*97.0*		*35 - 130*	*10/04/25 05:49*	*10/06/25 00:48*	*1*
13C5 PFHxA	*94.3*		*40 - 130*	*10/04/25 05:49*	*10/06/25 00:48*	*1*
13C4 PFHpA	*98.8*		*40 - 130*	*10/04/25 05:49*	*10/06/25 00:48*	*1*
13C8 PFOA	*87.2*		*40 - 130*	*10/04/25 05:49*	*10/06/25 00:48*	*1*
13C9 PFNA	*80.8*		*40 - 130*	*10/04/25 05:49*	*10/06/25 00:48*	*1*
13C6 PFDA	*72.9*		*40 - 130*	*10/04/25 05:49*	*10/06/25 00:48*	*1*
13C7 PFUnA	*73.2*		*40 - 130*	*10/04/25 05:49*	*10/06/25 00:48*	*1*
13C2 PFTeDA	*50.6*		*20 - 130*	*10/04/25 05:49*	*10/06/25 00:48*	*1*

Client Sample ID: 58E_5-10

Date Collected: 09/26/25 08:45
Date Received: 09/26/25 16:20

Lab Sample ID: 460-335806-10

Matrix: Solid
Percent Solids: 88.7

Method: EPA 1633A - Per- and Polyfluoroalkyl Substances by LC/MS/MS, 1633A (Continued)

Isotope Dilution	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
13C3 PFBS	106		40 - 135	10/04/25 05:49	10/06/25 00:48	1
13C3 PFHxS	88.4		40 - 130	10/04/25 05:49	10/06/25 00:48	1
13C8 PFOS	75.7		40 - 130	10/04/25 05:49	10/06/25 00:48	1
13C8 FOSA	72.4		40 - 130	10/04/25 05:49	10/06/25 00:48	1
d3-NMeFOSAA	59.5		40 - 135	10/04/25 05:49	10/06/25 00:48	1
d5-NEtFOSAA	84.3		40 - 150	10/04/25 05:49	10/06/25 00:48	1
13C2 4:2 FTS	113		40 - 165	10/04/25 05:49	10/06/25 00:48	1
13C2 6:2 FTS	103		40 - 215	10/04/25 05:49	10/06/25 00:48	1
13C2 8:2 FTS	68.4		40 - 275	10/04/25 05:49	10/06/25 00:48	1
13C3 HFPO-DA	86.9		40 - 130	10/04/25 05:49	10/06/25 00:48	1
d7-N-MeFOSE-M	41.3		20 - 130	10/04/25 05:49	10/06/25 00:48	1
d9-N-EtFOSE-M	31.5		15 - 130	10/04/25 05:49	10/06/25 00:48	1
d5-NEtPFOSA	53.5		10 - 130	10/04/25 05:49	10/06/25 00:48	1
d3-NMePFOSA	58.7		10 - 130	10/04/25 05:49	10/06/25 00:48	1
13C2 PFDoA	63.9		40 - 130	10/04/25 05:49	10/06/25 00:48	1

Method: SW846 6020B - Metals (ICP/MS)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Aluminum	7740		20.7	5.7	mg/Kg	☼	10/03/25 07:27	10/03/25 22:09	1
Antimony	0.39	J	1.0	0.15	mg/Kg	☼	10/03/25 07:27	10/03/25 22:09	1
Arsenic	6.3		1.0	0.11	mg/Kg	☼	10/03/25 07:27	10/03/25 22:09	1
Barium	43.0		2.1	0.15	mg/Kg	☼	10/03/25 07:27	10/03/25 22:09	1
Beryllium	0.52		0.41	0.023	mg/Kg	☼	10/03/25 07:27	10/03/25 22:09	1
Cadmium	0.23	J	1.0	0.12	mg/Kg	☼	10/03/25 07:27	10/03/25 22:09	1
Calcium	2260		103	10.1	mg/Kg	☼	10/03/25 07:27	10/03/25 22:09	1
Chromium	14.2		2.1	0.31	mg/Kg	☼	10/03/25 07:27	10/03/25 22:09	1
Cobalt	6.2		1.0	0.15	mg/Kg	☼	10/03/25 07:27	10/03/25 22:09	1
Copper	29.2		2.1	0.38	mg/Kg	☼	10/03/25 07:27	10/03/25 22:09	1
Iron	18500		62.0	7.9	mg/Kg	☼	10/03/25 07:27	10/03/25 22:09	1
Lead	57.7		0.62	0.21	mg/Kg	☼	10/03/25 07:27	10/03/25 22:09	1
Magnesium	3260		103	10.5	mg/Kg	☼	10/03/25 07:27	10/03/25 22:09	1
Manganese	262		4.1	0.42	mg/Kg	☼	10/03/25 07:27	10/03/25 22:09	1
Nickel	12.6		2.1	0.18	mg/Kg	☼	10/03/25 07:27	10/03/25 22:09	1
Potassium	1100		103	16.7	mg/Kg	☼	10/03/25 07:27	10/03/25 22:09	1
Selenium	0.18	J	1.3	0.13	mg/Kg	☼	10/03/25 07:27	10/03/25 22:09	1
Silver	0.16	J	0.41	0.092	mg/Kg	☼	10/03/25 07:27	10/03/25 22:09	1
Sodium	77.6	J	103	47.3	mg/Kg	☼	10/03/25 07:27	10/03/25 22:09	1
Thallium	0.10	J	0.41	0.042	mg/Kg	☼	10/03/25 07:27	10/03/25 22:09	1
Vanadium	22.9		2.1	0.21	mg/Kg	☼	10/03/25 07:27	10/03/25 22:09	1
Zinc	53.2		8.3	1.1	mg/Kg	☼	10/03/25 07:27	10/03/25 22:09	1

Method: SW846 7471B - Mercury (CVAA)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	0.026		0.019	0.0087	mg/Kg	☼	10/03/25 02:15	10/03/25 10:46	1

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Percent Moisture (EPA Moisture)	11.3		1.0	1.0	%			10/01/25 18:45	1
Percent Solids (EPA Moisture)	88.7		1.0	1.0	%			10/01/25 18:45	1

Client: Haley & Aldrich, Inc.
Project/Site: Former Port Mobil

Job ID: 460-335806-1

Client Sample ID: 58F_0-5
Date Collected: 09/26/25 09:00
Date Received: 09/26/25 16:20

Lab Sample ID: 460-335806-11
Matrix: Solid
Percent Solids: 89.2

Method: SW846 8270E - Semivolatile Organic Compounds (GC/MS)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1'-Biphenyl	0.37	U	0.37	0.013	mg/Kg	☼	09/27/25 15:56	09/28/25 12:17	1
1,2,4,5-Tetrachlorobenzene	0.37	U	0.37	0.011	mg/Kg	☼	09/27/25 15:56	09/28/25 12:17	1
1,4-Dioxane	0.037	U	0.037	0.032	mg/Kg	☼	09/27/25 15:56	09/28/25 12:17	1
2,2'-oxybis[1-chloropropane]	0.37	U	0.37	0.022	mg/Kg	☼	09/27/25 15:56	09/28/25 12:17	1
2,3,4,6-Tetrachlorophenol	0.37	U	0.37	0.025	mg/Kg	☼	09/27/25 15:56	09/28/25 12:17	1
2,4,5-Trichlorophenol	0.37	U	0.37	0.038	mg/Kg	☼	09/27/25 15:56	09/28/25 12:17	1
2,4,6-Trichlorophenol	0.15	U	0.15	0.047	mg/Kg	☼	09/27/25 15:56	09/28/25 12:17	1
2,4-Dichlorophenol	0.15	U	0.15	0.024	mg/Kg	☼	09/27/25 15:56	09/28/25 12:17	1
2,4-Dimethylphenol	0.37	U	0.37	0.044	mg/Kg	☼	09/27/25 15:56	09/28/25 12:17	1
2,4-Dinitrophenol	0.30	U	0.30	0.18	mg/Kg	☼	09/27/25 15:56	09/28/25 12:17	1
2,4-Dinitrotoluene	0.075	U	0.075	0.040	mg/Kg	☼	09/27/25 15:56	09/28/25 12:17	1
2,6-Dinitrotoluene	0.075	U	0.075	0.027	mg/Kg	☼	09/27/25 15:56	09/28/25 12:17	1
2-Chloronaphthalene	0.37	U	0.37	0.047	mg/Kg	☼	09/27/25 15:56	09/28/25 12:17	1
2-Chlorophenol	0.37	U	0.37	0.013	mg/Kg	☼	09/27/25 15:56	09/28/25 12:17	1
2-Methylnaphthalene	0.37	U	0.37	0.010	mg/Kg	☼	09/27/25 15:56	09/28/25 12:17	1
2-Methylphenol	0.37	U	0.37	0.014	mg/Kg	☼	09/27/25 15:56	09/28/25 12:17	1
2-Nitroaniline	0.37	U	0.37	0.028	mg/Kg	☼	09/27/25 15:56	09/28/25 12:17	1
2-Nitrophenol	0.37	U	0.37	0.037	mg/Kg	☼	09/27/25 15:56	09/28/25 12:17	1
3 & 4 Methylphenol	0.37	U	0.37	0.023	mg/Kg	☼	09/27/25 15:56	09/28/25 12:17	1
3,3'-Dichlorobenzidine	0.15	U	0.15	0.056	mg/Kg	☼	09/27/25 15:56	09/28/25 12:17	1
3-Nitroaniline	0.37	U	0.37	0.088	mg/Kg	☼	09/27/25 15:56	09/28/25 12:17	1
4,6-Dinitro-2-methylphenol	0.30	U	0.30	0.15	mg/Kg	☼	09/27/25 15:56	09/28/25 12:17	1
4-Bromophenyl phenyl ether	0.37	U	0.37	0.015	mg/Kg	☼	09/27/25 15:56	09/28/25 12:17	1
4-Chloro-3-methylphenol	0.37	U	0.37	0.021	mg/Kg	☼	09/27/25 15:56	09/28/25 12:17	1
4-Chloroaniline	0.37	U	0.37	0.065	mg/Kg	☼	09/27/25 15:56	09/28/25 12:17	1
4-Chlorophenyl phenyl ether	0.37	U	0.37	0.013	mg/Kg	☼	09/27/25 15:56	09/28/25 12:17	1
4-Methylphenol	0.37	U	0.37	0.023	mg/Kg	☼	09/27/25 15:56	09/28/25 12:17	1
4-Nitroaniline	0.37	U	0.37	0.094	mg/Kg	☼	09/27/25 15:56	09/28/25 12:17	1
4-Nitrophenol	0.75	U	0.75	0.060	mg/Kg	☼	09/27/25 15:56	09/28/25 12:17	1
Acenaphthene	0.37	U	0.37	0.011	mg/Kg	☼	09/27/25 15:56	09/28/25 12:17	1
Acenaphthylene	0.37	U	0.37	0.011	mg/Kg	☼	09/27/25 15:56	09/28/25 12:17	1
Acetophenone	0.37	U	0.37	0.018	mg/Kg	☼	09/27/25 15:56	09/28/25 12:17	1
Anthracene	0.37	U	0.37	0.011	mg/Kg	☼	09/27/25 15:56	09/28/25 12:17	1
Atrazine	0.15	U	0.15	0.022	mg/Kg	☼	09/27/25 15:56	09/28/25 12:17	1
Benzaldehyde	0.37	U	0.37	0.061	mg/Kg	☼	09/27/25 15:56	09/28/25 12:17	1
Benzo[a]anthracene	0.037	U	0.037	0.028	mg/Kg	☼	09/27/25 15:56	09/28/25 12:17	1
Benzo[a]pyrene	0.037	U	0.037	0.0098	mg/Kg	☼	09/27/25 15:56	09/28/25 12:17	1
Benzo[b]fluoranthene	0.037	U	0.037	0.0095	mg/Kg	☼	09/27/25 15:56	09/28/25 12:17	1
Benzo[g,h,i]perylene	0.37	U	0.37	0.011	mg/Kg	☼	09/27/25 15:56	09/28/25 12:17	1
Benzo[k]fluoranthene	0.037	U	0.037	0.0072	mg/Kg	☼	09/27/25 15:56	09/28/25 12:17	1
Bis(2-chloroethoxy)methane	0.37	U	0.37	0.068	mg/Kg	☼	09/27/25 15:56	09/28/25 12:17	1
Bis(2-chloroethyl)ether	0.037	U	0.037	0.013	mg/Kg	☼	09/27/25 15:56	09/28/25 12:17	1
Bis(2-ethylhexyl) phthalate	0.37	U	0.37	0.020	mg/Kg	☼	09/27/25 15:56	09/28/25 12:17	1
Butyl benzyl phthalate	0.37	U	0.37	0.017	mg/Kg	☼	09/27/25 15:56	09/28/25 12:17	1
Caprolactam	0.37	U	0.37	0.057	mg/Kg	☼	09/27/25 15:56	09/28/25 12:17	1
Carbazole	0.37	U	0.37	0.014	mg/Kg	☼	09/27/25 15:56	09/28/25 12:17	1
Chrysene	0.37	U	0.37	0.016	mg/Kg	☼	09/27/25 15:56	09/28/25 12:17	1
Dibenz(a,h)anthracene	0.037	U	0.037	0.016	mg/Kg	☼	09/27/25 15:56	09/28/25 12:17	1
Dibenzofuran	0.37	U	0.37	0.012	mg/Kg	☼	09/27/25 15:56	09/28/25 12:17	1

Client Sample ID: 58F_0-5
Date Collected: 09/26/25 09:00
Date Received: 09/26/25 16:20

Lab Sample ID: 460-335806-11
Matrix: Solid
Percent Solids: 89.2

Method: SW846 8270E - Semivolatile Organic Compounds (GC/MS) (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Diethyl phthalate	0.37	U	0.37	0.012	mg/Kg	☼	09/27/25 15:56	09/28/25 12:17	1
Dimethyl phthalate	0.37	U	0.37	0.084	mg/Kg	☼	09/27/25 15:56	09/28/25 12:17	1
Di-n-butyl phthalate	0.37	U	0.37	0.014	mg/Kg	☼	09/27/25 15:56	09/28/25 12:17	1
Di-n-octyl phthalate	0.37	U	0.37	0.020	mg/Kg	☼	09/27/25 15:56	09/28/25 12:17	1
Fluoranthene	0.37	U	0.37	0.013	mg/Kg	☼	09/27/25 15:56	09/28/25 12:17	1
Fluorene	0.37	U	0.37	0.011	mg/Kg	☼	09/27/25 15:56	09/28/25 12:17	1
Hexachlorobenzene	0.037	U	0.037	0.018	mg/Kg	☼	09/27/25 15:56	09/28/25 12:17	1
Hexachlorobutadiene	0.075	U	0.075	0.0079	mg/Kg	☼	09/27/25 15:56	09/28/25 12:17	1
Hexachlorocyclopentadiene	0.37	U	0.37	0.032	mg/Kg	☼	09/27/25 15:56	09/28/25 12:17	1
Hexachloroethane	0.037	U	0.037	0.013	mg/Kg	☼	09/27/25 15:56	09/28/25 12:17	1
Indeno[1,2,3-cd]pyrene	0.037	U	0.037	0.014	mg/Kg	☼	09/27/25 15:56	09/28/25 12:17	1
Isophorone	0.15	U	0.15	0.11	mg/Kg	☼	09/27/25 15:56	09/28/25 12:17	1
Naphthalene	0.37	U	0.37	0.0064	mg/Kg	☼	09/27/25 15:56	09/28/25 12:17	1
Nitrobenzene	0.037	U	0.037	0.020	mg/Kg	☼	09/27/25 15:56	09/28/25 12:17	1
N-Nitrosodi-n-propylamine	0.037	U	0.037	0.027	mg/Kg	☼	09/27/25 15:56	09/28/25 12:17	1
N-Nitrosodiphenylamine	0.37	U	0.37	0.030	mg/Kg	☼	09/27/25 15:56	09/28/25 12:17	1
Pentachlorophenol	0.30	U	0.30	0.076	mg/Kg	☼	09/27/25 15:56	09/28/25 12:17	1
Phenanthrene	0.37	U	0.37	0.015	mg/Kg	☼	09/27/25 15:56	09/28/25 12:17	1
Phenol	0.37	U	0.37	0.014	mg/Kg	☼	09/27/25 15:56	09/28/25 12:17	1
Pyrene	0.37	U	0.37	0.0092	mg/Kg	☼	09/27/25 15:56	09/28/25 12:17	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
2,4,6-Tribromophenol (Surr)	*54*		*18 - 137*	*09/27/25 15:56*	*09/28/25 12:17*	*1*
2-Fluorobiphenyl	*41*		*33 - 117*	*09/27/25 15:56*	*09/28/25 12:17*	*1*
2-Fluorophenol (Surr)	*40*		*24 - 120*	*09/27/25 15:56*	*09/28/25 12:17*	*1*
Nitrobenzene-d5 (Surr)	*42*		*27 - 120*	*09/27/25 15:56*	*09/28/25 12:17*	*1*
Phenol-d5 (Surr)	*41*		*28 - 118*	*09/27/25 15:56*	*09/28/25 12:17*	*1*
Terphenyl-d14 (Surr)	*64*		*33 - 124*	*09/27/25 15:56*	*09/28/25 12:17*	*1*

Method: SW846 8081B - Organochlorine Pesticides (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
4,4'-DDD	0.0075	U	0.0075	0.0013	mg/Kg	☼	09/27/25 19:17	09/28/25 17:37	1
4,4'-DDE	0.0075	U	0.0075	0.00089	mg/Kg	☼	09/27/25 19:17	09/28/25 17:37	1
4,4'-DDT	0.0075	U	0.0075	0.0014	mg/Kg	☼	09/27/25 19:17	09/28/25 17:37	1
Aldrin	0.0075	U	0.0075	0.0011	mg/Kg	☼	09/27/25 19:17	09/28/25 17:37	1
alpha-BHC	0.0022	U	0.0022	0.00076	mg/Kg	☼	09/27/25 19:17	09/28/25 17:37	1
beta-BHC	0.0022	U	0.0022	0.00084	mg/Kg	☼	09/27/25 19:17	09/28/25 17:37	1
Chlordane (technical)	0.075	U	0.075	0.018	mg/Kg	☼	09/27/25 19:17	09/28/25 17:37	1
cis-Chlordane	0.0075	U	0.0075	0.0012	mg/Kg	☼	09/27/25 19:17	09/28/25 17:37	1
delta-BHC	0.0022	U	0.0022	0.00046	mg/Kg	☼	09/27/25 19:17	09/28/25 17:37	1
Dieldrin	0.0022	U	0.0022	0.00098	mg/Kg	☼	09/27/25 19:17	09/28/25 17:37	1
Endosulfan I	0.0075	U	0.0075	0.0011	mg/Kg	☼	09/27/25 19:17	09/28/25 17:37	1
Endosulfan II	0.0075	U	0.0075	0.0019	mg/Kg	☼	09/27/25 19:17	09/28/25 17:37	1
Endosulfan sulfate	0.0075	U	0.0075	0.00094	mg/Kg	☼	09/27/25 19:17	09/28/25 17:37	1
Endrin	0.0075	U	0.0075	0.0011	mg/Kg	☼	09/27/25 19:17	09/28/25 17:37	1
Endrin aldehyde	0.0075	U	0.0075	0.0018	mg/Kg	☼	09/27/25 19:17	09/28/25 17:37	1
Endrin ketone	0.0075	U	0.0075	0.0015	mg/Kg	☼	09/27/25 19:17	09/28/25 17:37	1
gamma-BHC (Lindane)	0.0022	U	0.0022	0.00070	mg/Kg	☼	09/27/25 19:17	09/28/25 17:37	1
Heptachlor	0.0075	U	0.0075	0.00089	mg/Kg	☼	09/27/25 19:17	09/28/25 17:37	1
Heptachlor epoxide	0.0075	U	0.0075	0.0011	mg/Kg	☼	09/27/25 19:17	09/28/25 17:37	1

Client Sample ID: 58F_0-5
Date Collected: 09/26/25 09:00
Date Received: 09/26/25 16:20

Lab Sample ID: 460-335806-11
Matrix: Solid
Percent Solids: 89.2

Method: SW846 8081B - Organochlorine Pesticides (GC) (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Methoxychlor	0.0075	U	0.0075	0.0017	mg/Kg	☼	09/27/25 19:17	09/28/25 17:37	1
Toxaphene	0.075	U	0.075	0.027	mg/Kg	☼	09/27/25 19:17	09/28/25 17:37	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
DCB Decachlorobiphenyl	*100*		*10 - 150*	*09/27/25 19:17*	*09/28/25 17:37*	*1*
DCB Decachlorobiphenyl	*103*		*10 - 150*	*09/27/25 19:17*	*09/28/25 17:37*	*1*
Tetrachloro-m-xylene	*89*		*14 - 150*	*09/27/25 19:17*	*09/28/25 17:37*	*1*
Tetrachloro-m-xylene	*79*		*14 - 150*	*09/27/25 19:17*	*09/28/25 17:37*	*1*

Method: SW846 8082A - Polychlorinated Biphenyls (PCBs) by Gas Chromatography

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Aroclor 1016	0.075	U	0.075	0.020	mg/Kg	☼	09/27/25 19:15	09/28/25 13:47	1
Aroclor 1221	0.075	U	0.075	0.020	mg/Kg	☼	09/27/25 19:15	09/28/25 13:47	1
Aroclor 1232	0.075	U	0.075	0.020	mg/Kg	☼	09/27/25 19:15	09/28/25 13:47	1
Aroclor 1242	0.075	U	0.075	0.020	mg/Kg	☼	09/27/25 19:15	09/28/25 13:47	1
Aroclor 1248	0.075	U	0.075	0.020	mg/Kg	☼	09/27/25 19:15	09/28/25 13:47	1
Aroclor 1254	0.075	U	0.075	0.020	mg/Kg	☼	09/27/25 19:15	09/28/25 13:47	1
Aroclor 1260	0.075	U	0.075	0.020	mg/Kg	☼	09/27/25 19:15	09/28/25 13:47	1
Aroclor-1262	0.075	U	0.075	0.020	mg/Kg	☼	09/27/25 19:15	09/28/25 13:47	1
Aroclor 1268	0.075	U	0.075	0.020	mg/Kg	☼	09/27/25 19:15	09/28/25 13:47	1
Polychlorinated biphenyls, Total	0.075	U	0.075	0.020	mg/Kg	☼	09/27/25 19:15	09/28/25 13:47	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
DCB Decachlorobiphenyl	*105*		*10 - 150*	*09/27/25 19:15*	*09/28/25 13:47*	*1*
DCB Decachlorobiphenyl	*116*		*10 - 150*	*09/27/25 19:15*	*09/28/25 13:47*	*1*
Tetrachloro-m-xylene	*84*		*10 - 150*	*09/27/25 19:15*	*09/28/25 13:47*	*1*
Tetrachloro-m-xylene	*84*		*10 - 150*	*09/27/25 19:15*	*09/28/25 13:47*	*1*

Method: EPA 1633A - Per- and Polyfluoroalkyl Substances by LC/MS/MS, 1633A

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Perfluorobutanoic acid (PFBA)	0.39	U	0.39	0.097	ug/Kg	☼	10/04/25 05:49	10/06/25 01:29	1
Perfluoropentanoic acid (PFPeA)	0.19	U	0.19	0.097	ug/Kg	☼	10/04/25 05:49	10/06/25 01:29	1
Perfluorohexanoic acid (PFHxA)	0.19	U	0.19	0.097	ug/Kg	☼	10/04/25 05:49	10/06/25 01:29	1
Perfluoroheptanoic acid (PFHpA)	0.19	U	0.19	0.097	ug/Kg	☼	10/04/25 05:49	10/06/25 01:29	1
Perfluorooctanoic acid (PFOA)	**0.084**	**J**	0.19	0.058	ug/Kg	☼	10/04/25 05:49	10/06/25 01:29	1
Perfluorononanoic acid (PFNA)	**0.43**		0.19	0.097	ug/Kg	☼	10/04/25 05:49	10/06/25 01:29	1
Perfluorodecanoic acid (PFDA)	**0.47**		0.19	0.058	ug/Kg	☼	10/04/25 05:49	10/06/25 01:29	1
Perfluoroundecanoic acid (PFUnA)	**2.33**		0.19	0.097	ug/Kg	☼	10/04/25 05:49	10/06/25 01:29	1
Perfluorododecanoic acid (PFDoA)	**0.47**		0.19	0.097	ug/Kg	☼	10/04/25 05:49	10/06/25 01:29	1
Perfluorotridecanoic acid (PFTrDA)	**2.24**		0.19	0.097	ug/Kg	☼	10/04/25 05:49	10/06/25 01:29	1
Perfluorotetradecanoic acid (PFTeDA)	**0.097**	**J**	0.19	0.097	ug/Kg	☼	10/04/25 05:49	10/06/25 01:29	1
Perfluorobutanesulfonic acid (PFBS)	0.19	U	0.19	0.097	ug/Kg	☼	10/04/25 05:49	10/06/25 01:29	1
Perfluoropentanesulfonic acid (PFPeS)	0.19	U	0.19	0.097	ug/Kg	☼	10/04/25 05:49	10/06/25 01:29	1
Perfluorohexanesulfonic acid (PFHxS)	0.19	U	0.19	0.097	ug/Kg	☼	10/04/25 05:49	10/06/25 01:29	1
Perfluoroheptanesulfonic acid (PFHpS)	0.19	U	0.19	0.097	ug/Kg	☼	10/04/25 05:49	10/06/25 01:29	1
Perfluorooctanesulfonic acid (PFOS)	0.19	U	0.19	0.097	ug/Kg	☼	10/04/25 05:49	10/06/25 01:29	1

Client Sample ID: 58F_0-5
Date Collected: 09/26/25 09:00
Date Received: 09/26/25 16:20

Lab Sample ID: 460-335806-11
Matrix: Solid
Percent Solids: 89.2

Method: EPA 1633A - Per- and Polyfluoroalkyl Substances by LC/MS/MS, 1633A (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Perfluorononanesulfonic acid (PFNS)	0.19	U	0.19	0.097	ug/Kg	☼	10/04/25 05:49	10/06/25 01:29	1
Perfluorodecanesulfonic acid (PFDS)	0.19	U *	0.19	0.097	ug/Kg	☼	10/04/25 05:49	10/06/25 01:29	1
Perfluorododecanesulfonic acid (PFDoS)	0.19	U *	0.19	0.097	ug/Kg	☼	10/04/25 05:49	10/06/25 01:29	1
1H,1H,2H,2H-Perfluorohexane sulfonic acid (4:2 FTS)	0.39	U	0.39	0.19	ug/Kg	☼	10/04/25 05:49	10/06/25 01:29	1
1H,1H,2H,2H-Perfluorooctane sulfonic acid (6:2 FTS)	0.39	U	0.39	0.19	ug/Kg	☼	10/04/25 05:49	10/06/25 01:29	1
1H,1H,2H,2H-Perfluorodecane sulfonic acid (8:2 FTS)	**0.27**	**J**	0.39	0.19	ug/Kg	☼	10/04/25 05:49	10/06/25 01:29	1
Perfluorooctanesulfonamide (PFOSA)	0.19	U	0.19	0.097	ug/Kg	☼	10/04/25 05:49	10/06/25 01:29	1
N-methylperfluorooctane sulfonamide (NMeFOSA)	0.19	U	0.19	0.097	ug/Kg	☼	10/04/25 05:49	10/06/25 01:29	1
N-ethylperfluorooctane sulfonamide (NEtFOSA)	0.19	U	0.19	0.097	ug/Kg	☼	10/04/25 05:49	10/06/25 01:29	1
N-methylperfluorooctanesulfonamidoacetic acid (NMeFOSAA)	0.19	U	0.19	0.097	ug/Kg	☼	10/04/25 05:49	10/06/25 01:29	1
N-ethylperfluorooctanesulfonamidoacetic acid (NEtFOSAA)	0.19	U	0.19	0.097	ug/Kg	☼	10/04/25 05:49	10/06/25 01:29	1
N-methylperfluorooctane sulfonamidoethanol (NMeFOSE)	0.97	U	0.97	0.48	ug/Kg	☼	10/04/25 05:49	10/06/25 01:29	1
N-ethylperfluorooctane sulfonamidoethanol (NEtFOSE)	0.97	U	0.97	0.48	ug/Kg	☼	10/04/25 05:49	10/06/25 01:29	1
Hexafluoropropylene Oxide Dimer Acid (HFPO-DA)	0.19	U	0.19	0.097	ug/Kg	☼	10/04/25 05:49	10/06/25 01:29	1
4,8-Dioxa-3H-perfluorononanoic acid (ADONA)	0.19	U	0.19	0.097	ug/Kg	☼	10/04/25 05:49	10/06/25 01:29	1
Perfluoro-3-methoxypropanoic acid (PFMPA)	0.19	U	0.19	0.097	ug/Kg	☼	10/04/25 05:49	10/06/25 01:29	1
Perfluoro-4-methoxybutanoic acid (PFMBA)	0.19	U	0.19	0.097	ug/Kg	☼	10/04/25 05:49	10/06/25 01:29	1
Nonafluoro-3,6-dioxaheptanoic acid (NFDHA)	0.19	U	0.19	0.097	ug/Kg	☼	10/04/25 05:49	10/06/25 01:29	1
9-Chlorohexadecafluoro-3-oxanonane-1-sulfonic acid (9Cl-PF3ONS)	0.19	U	0.19	0.097	ug/Kg	☼	10/04/25 05:49	10/06/25 01:29	1
11-Chloroeicosafluoro-3-oxaundecane-1-sulfonic acid (11Cl-PF3OUdS)	0.19	U *	0.19	0.097	ug/Kg	☼	10/04/25 05:49	10/06/25 01:29	1
Perfluoro (2-ethoxyethane) sulfonic acid (PFEESA)	0.19	U	0.19	0.097	ug/Kg	☼	10/04/25 05:49	10/06/25 01:29	1
3-Perfluoropropylpropanoic acid (3:3 FTCA)	0.39	U	0.39	0.19	ug/Kg	☼	10/04/25 05:49	10/06/25 01:29	1
3-Perfluoropentylpropanoic acid (5:3 FTCA)	0.97	U	0.97	0.48	ug/Kg	☼	10/04/25 05:49	10/06/25 01:29	1
3-Perfluoroheptylpropanoic acid (7:3 FTCA)	0.97	U	0.97	0.48	ug/Kg	☼	10/04/25 05:49	10/06/25 01:29	1

Isotope Dilution	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
13C4 PFBA	*114*		*8 - 130*	*10/04/25 05:49*	*10/06/25 01:29*	*1*
13C5 PFPeA	*110*		*35 - 130*	*10/04/25 05:49*	*10/06/25 01:29*	*1*
13C5 PFHxA	*108*		*40 - 130*	*10/04/25 05:49*	*10/06/25 01:29*	*1*
13C4 PFHpA	*113*		*40 - 130*	*10/04/25 05:49*	*10/06/25 01:29*	*1*
13C8 PFOA	*104*		*40 - 130*	*10/04/25 05:49*	*10/06/25 01:29*	*1*
13C9 PFNA	*112*		*40 - 130*	*10/04/25 05:49*	*10/06/25 01:29*	*1*
13C6 PFDA	*97.1*		*40 - 130*	*10/04/25 05:49*	*10/06/25 01:29*	*1*
13C7 PFUnA	*99.2*		*40 - 130*	*10/04/25 05:49*	*10/06/25 01:29*	*1*

Client Sample ID: 58F_0-5
Date Collected: 09/26/25 09:00
Date Received: 09/26/25 16:20

Lab Sample ID: 460-335806-11
Matrix: Solid
Percent Solids: 89.2

Method: EPA 1633A - Per- and Polyfluoroalkyl Substances by LC/MS/MS, 1633A (Continued)

Isotope Dilution	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
13C2 PFTeDA	77.3		20 - 130	10/04/25 05:49	10/06/25 01:29	1
13C3 PFBS	114		40 - 135	10/04/25 05:49	10/06/25 01:29	1
13C3 PFHxS	100		40 - 130	10/04/25 05:49	10/06/25 01:29	1
13C8 PFOS	99.4		40 - 130	10/04/25 05:49	10/06/25 01:29	1
13C8 FOSA	92.4		40 - 130	10/04/25 05:49	10/06/25 01:29	1
d3-NMeFOSAA	76.5		40 - 135	10/04/25 05:49	10/06/25 01:29	1
d5-NEtFOSAA	99.1		40 - 150	10/04/25 05:49	10/06/25 01:29	1
13C2 4:2 FTS	117		40 - 165	10/04/25 05:49	10/06/25 01:29	1
13C2 6:2 FTS	108		40 - 215	10/04/25 05:49	10/06/25 01:29	1
13C2 8:2 FTS	83.8		40 - 275	10/04/25 05:49	10/06/25 01:29	1
13C3 HFPO-DA	106		40 - 130	10/04/25 05:49	10/06/25 01:29	1
d7-N-MeFOSE-M	49.5		20 - 130	10/04/25 05:49	10/06/25 01:29	1
d9-N-EtFOSE-M	32.0		15 - 130	10/04/25 05:49	10/06/25 01:29	1
d5-NEtPFOSA	68.9		10 - 130	10/04/25 05:49	10/06/25 01:29	1
d3-NMePFOSA	77.8		10 - 130	10/04/25 05:49	10/06/25 01:29	1
13C2 PFDoA	79.1		40 - 130	10/04/25 05:49	10/06/25 01:29	1

Method: SW846 6020B - Metals (ICP/MS)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Aluminum	9610		20.0	5.5	mg/Kg	☼	10/03/25 07:27	10/03/25 22:14	1
Antimony	0.50	J	1.0	0.15	mg/Kg	☼	10/03/25 07:27	10/03/25 22:14	1
Arsenic	6.7		1.0	0.10	mg/Kg	☼	10/03/25 07:27	10/03/25 22:14	1
Barium	74.3		2.0	0.15	mg/Kg	☼	10/03/25 07:27	10/03/25 22:14	1
Beryllium	0.69		0.40	0.022	mg/Kg	☼	10/03/25 07:27	10/03/25 22:14	1
Cadmium	0.29	J	1.0	0.11	mg/Kg	☼	10/03/25 07:27	10/03/25 22:14	1
Calcium	1850		100	9.7	mg/Kg	☼	10/03/25 07:27	10/03/25 22:14	1
Chromium	19.8		2.0	0.30	mg/Kg	☼	10/03/25 07:27	10/03/25 22:14	1
Cobalt	7.4		1.0	0.15	mg/Kg	☼	10/03/25 07:27	10/03/25 22:14	1
Copper	36.0		2.0	0.37	mg/Kg	☼	10/03/25 07:27	10/03/25 22:14	1
Iron	20800		60.1	7.7	mg/Kg	☼	10/03/25 07:27	10/03/25 22:14	1
Lead	166		0.60	0.20	mg/Kg	☼	10/03/25 07:27	10/03/25 22:14	1
Magnesium	2490		100	10.2	mg/Kg	☼	10/03/25 07:27	10/03/25 22:14	1
Manganese	286		4.0	0.40	mg/Kg	☼	10/03/25 07:27	10/03/25 22:14	1
Nickel	16.5		2.0	0.18	mg/Kg	☼	10/03/25 07:27	10/03/25 22:14	1
Potassium	1250		100	16.2	mg/Kg	☼	10/03/25 07:27	10/03/25 22:14	1
Selenium	0.25	J	1.3	0.13	mg/Kg	☼	10/03/25 07:27	10/03/25 22:14	1
Silver	0.21	J	0.40	0.089	mg/Kg	☼	10/03/25 07:27	10/03/25 22:14	1
Sodium	137		100	45.7	mg/Kg	☼	10/03/25 07:27	10/03/25 22:14	1
Thallium	0.12	J	0.40	0.041	mg/Kg	☼	10/03/25 07:27	10/03/25 22:14	1
Vanadium	26.7		2.0	0.21	mg/Kg	☼	10/03/25 07:27	10/03/25 22:14	1
Zinc	91.7		8.0	1.1	mg/Kg	☼	10/03/25 07:27	10/03/25 22:14	1

Method: SW846 7471B - Mercury (CVAA)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	0.029		0.019	0.0088	mg/Kg	☼	10/03/25 02:15	10/03/25 10:49	1

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Percent Moisture (EPA Moisture)	10.8		1.0	1.0	%			10/01/25 18:45	1
Percent Solids (EPA Moisture)	89.2		1.0	1.0	%			10/01/25 18:45	1

Client Sample ID: 58F_5-10
Date Collected: 09/26/25 09:05
Date Received: 09/26/25 16:20

Lab Sample ID: 460-335806-12
Matrix: Solid
Percent Solids: 86.8

Method: SW846 8270E - Semivolatile Organic Compounds (GC/MS)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1'-Biphenyl	0.38	U	0.38	0.013	mg/Kg	☼	09/27/25 15:56	09/28/25 12:42	1
1,2,4,5-Tetrachlorobenzene	0.38	U	0.38	0.012	mg/Kg	☼	09/27/25 15:56	09/28/25 12:42	1
1,4-Dioxane	0.038	U	0.038	0.033	mg/Kg	☼	09/27/25 15:56	09/28/25 12:42	1
2,2'-oxybis[1-chloropropane]	0.38	U	0.38	0.023	mg/Kg	☼	09/27/25 15:56	09/28/25 12:42	1
2,3,4,6-Tetrachlorophenol	0.38	U	0.38	0.026	mg/Kg	☼	09/27/25 15:56	09/28/25 12:42	1
2,4,5-Trichlorophenol	0.38	U	0.38	0.039	mg/Kg	☼	09/27/25 15:56	09/28/25 12:42	1
2,4,6-Trichlorophenol	0.15	U	0.15	0.049	mg/Kg	☼	09/27/25 15:56	09/28/25 12:42	1
2,4-Dichlorophenol	0.15	U	0.15	0.024	mg/Kg	☼	09/27/25 15:56	09/28/25 12:42	1
2,4-Dimethylphenol	0.38	U	0.38	0.045	mg/Kg	☼	09/27/25 15:56	09/28/25 12:42	1
2,4-Dinitrophenol	0.31	U	0.31	0.19	mg/Kg	☼	09/27/25 15:56	09/28/25 12:42	1
2,4-Dinitrotoluene	0.077	U	0.077	0.041	mg/Kg	☼	09/27/25 15:56	09/28/25 12:42	1
2,6-Dinitrotoluene	0.077	U	0.077	0.027	mg/Kg	☼	09/27/25 15:56	09/28/25 12:42	1
2-Chloronaphthalene	0.38	U	0.38	0.049	mg/Kg	☼	09/27/25 15:56	09/28/25 12:42	1
2-Chlorophenol	0.38	U	0.38	0.014	mg/Kg	☼	09/27/25 15:56	09/28/25 12:42	1
2-Methylnaphthalene	0.38	U	0.38	0.011	mg/Kg	☼	09/27/25 15:56	09/28/25 12:42	1
2-Methylphenol	0.38	U	0.38	0.014	mg/Kg	☼	09/27/25 15:56	09/28/25 12:42	1
2-Nitroaniline	0.38	U	0.38	0.029	mg/Kg	☼	09/27/25 15:56	09/28/25 12:42	1
2-Nitrophenol	0.38	U	0.38	0.038	mg/Kg	☼	09/27/25 15:56	09/28/25 12:42	1
3 & 4 Methylphenol	0.38	U	0.38	0.024	mg/Kg	☼	09/27/25 15:56	09/28/25 12:42	1
3,3'-Dichlorobenzidine	0.15	U	0.15	0.057	mg/Kg	☼	09/27/25 15:56	09/28/25 12:42	1
3-Nitroaniline	0.38	U	0.38	0.090	mg/Kg	☼	09/27/25 15:56	09/28/25 12:42	1
4,6-Dinitro-2-methylphenol	0.31	U	0.31	0.16	mg/Kg	☼	09/27/25 15:56	09/28/25 12:42	1
4-Bromophenyl phenyl ether	0.38	U	0.38	0.015	mg/Kg	☼	09/27/25 15:56	09/28/25 12:42	1
4-Chloro-3-methylphenol	0.38	U	0.38	0.021	mg/Kg	☼	09/27/25 15:56	09/28/25 12:42	1
4-Chloroaniline	0.38	U	0.38	0.068	mg/Kg	☼	09/27/25 15:56	09/28/25 12:42	1
4-Chlorophenyl phenyl ether	0.38	U	0.38	0.013	mg/Kg	☼	09/27/25 15:56	09/28/25 12:42	1
4-Methylphenol	0.38	U	0.38	0.024	mg/Kg	☼	09/27/25 15:56	09/28/25 12:42	1
4-Nitroaniline	0.38	U	0.38	0.096	mg/Kg	☼	09/27/25 15:56	09/28/25 12:42	1
4-Nitrophenol	0.77	U	0.77	0.062	mg/Kg	☼	09/27/25 15:56	09/28/25 12:42	1
Acenaphthene	0.38	U	0.38	0.011	mg/Kg	☼	09/27/25 15:56	09/28/25 12:42	1
Acenaphthylene	0.38	U	0.38	0.011	mg/Kg	☼	09/27/25 15:56	09/28/25 12:42	1
Acetophenone	0.38	U	0.38	0.019	mg/Kg	☼	09/27/25 15:56	09/28/25 12:42	1
Anthracene	0.38	U	0.38	0.012	mg/Kg	☼	09/27/25 15:56	09/28/25 12:42	1
Atrazine	0.15	U	0.15	0.022	mg/Kg	☼	09/27/25 15:56	09/28/25 12:42	1
Benzaldehyde	0.38	U	0.38	0.063	mg/Kg	☼	09/27/25 15:56	09/28/25 12:42	1
Benzo[a]anthracene	0.038	U	0.038	0.029	mg/Kg	☼	09/27/25 15:56	09/28/25 12:42	1
Benzo[a]pyrene	**0.011**	**J**	0.038	0.010	mg/Kg	☼	09/27/25 15:56	09/28/25 12:42	1
Benzo[b]fluoranthene	**0.013**	**J**	0.038	0.0098	mg/Kg	☼	09/27/25 15:56	09/28/25 12:42	1
Benzo[g,h,i]perylene	0.38	U	0.38	0.011	mg/Kg	☼	09/27/25 15:56	09/28/25 12:42	1
Benzo[k]fluoranthene	0.038	U	0.038	0.0075	mg/Kg	☼	09/27/25 15:56	09/28/25 12:42	1
Bis(2-chloroethoxy)methane	0.38	U	0.38	0.070	mg/Kg	☼	09/27/25 15:56	09/28/25 12:42	1
Bis(2-chloroethyl)ether	0.038	U	0.038	0.013	mg/Kg	☼	09/27/25 15:56	09/28/25 12:42	1
Bis(2-ethylhexyl) phthalate	0.38	U	0.38	0.020	mg/Kg	☼	09/27/25 15:56	09/28/25 12:42	1
Butyl benzyl phthalate	0.38	U	0.38	0.018	mg/Kg	☼	09/27/25 15:56	09/28/25 12:42	1
Caprolactam	0.38	U	0.38	0.059	mg/Kg	☼	09/27/25 15:56	09/28/25 12:42	1
Carbazole	0.38	U	0.38	0.014	mg/Kg	☼	09/27/25 15:56	09/28/25 12:42	1
Chrysene	0.38	U	0.38	0.016	mg/Kg	☼	09/27/25 15:56	09/28/25 12:42	1
Dibenz(a,h)anthracene	0.038	U	0.038	0.016	mg/Kg	☼	09/27/25 15:56	09/28/25 12:42	1
Dibenzofuran	0.38	U	0.38	0.013	mg/Kg	☼	09/27/25 15:56	09/28/25 12:42	1

Client Sample ID: 58F_5-10
Date Collected: 09/26/25 09:05
Date Received: 09/26/25 16:20

Lab Sample ID: 460-335806-12
Matrix: Solid
Percent Solids: 86.8

Method: SW846 8270E - Semivolatile Organic Compounds (GC/MS) (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Diethyl phthalate	0.38	U	0.38	0.012	mg/Kg	☼	09/27/25 15:56	09/28/25 12:42	1
Dimethyl phthalate	0.38	U	0.38	0.086	mg/Kg	☼	09/27/25 15:56	09/28/25 12:42	1
Di-n-butyl phthalate	0.38	U	0.38	0.014	mg/Kg	☼	09/27/25 15:56	09/28/25 12:42	1
Di-n-octyl phthalate	0.38	U	0.38	0.020	mg/Kg	☼	09/27/25 15:56	09/28/25 12:42	1
Fluoranthene	**0.016**	**J**	0.38	0.013	mg/Kg	☼	09/27/25 15:56	09/28/25 12:42	1
Fluorene	0.38	U	0.38	0.011	mg/Kg	☼	09/27/25 15:56	09/28/25 12:42	1
Hexachlorobenzene	0.038	U	0.038	0.018	mg/Kg	☼	09/27/25 15:56	09/28/25 12:42	1
Hexachlorobutadiene	0.077	U	0.077	0.0081	mg/Kg	☼	09/27/25 15:56	09/28/25 12:42	1
Hexachlorocyclopentadiene	0.38	U	0.38	0.033	mg/Kg	☼	09/27/25 15:56	09/28/25 12:42	1
Hexachloroethane	0.038	U	0.038	0.013	mg/Kg	☼	09/27/25 15:56	09/28/25 12:42	1
Indeno[1,2,3-cd]pyrene	0.038	U	0.038	0.015	mg/Kg	☼	09/27/25 15:56	09/28/25 12:42	1
Isophorone	0.15	U	0.15	0.11	mg/Kg	☼	09/27/25 15:56	09/28/25 12:42	1
Naphthalene	0.38	U	0.38	0.0066	mg/Kg	☼	09/27/25 15:56	09/28/25 12:42	1
Nitrobenzene	0.038	U	0.038	0.021	mg/Kg	☼	09/27/25 15:56	09/28/25 12:42	1
N-Nitrosodi-n-propylamine	0.038	U	0.038	0.028	mg/Kg	☼	09/27/25 15:56	09/28/25 12:42	1
N-Nitrosodiphenylamine	0.38	U	0.38	0.031	mg/Kg	☼	09/27/25 15:56	09/28/25 12:42	1
Pentachlorophenol	0.31	U	0.31	0.078	mg/Kg	☼	09/27/25 15:56	09/28/25 12:42	1
Phenanthrene	0.38	U	0.38	0.016	mg/Kg	☼	09/27/25 15:56	09/28/25 12:42	1
Phenol	0.38	U	0.38	0.014	mg/Kg	☼	09/27/25 15:56	09/28/25 12:42	1
Pyrene	**0.014**	**J**	0.38	0.0095	mg/Kg	☼	09/27/25 15:56	09/28/25 12:42	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
2,4,6-Tribromophenol (Surr)	*53*		*18 - 137*	*09/27/25 15:56*	*09/28/25 12:42*	*1*
2-Fluorobiphenyl	*52*		*33 - 117*	*09/27/25 15:56*	*09/28/25 12:42*	*1*
2-Fluorophenol (Surr)	*50*		*24 - 120*	*09/27/25 15:56*	*09/28/25 12:42*	*1*
Nitrobenzene-d5 (Surr)	*52*		*27 - 120*	*09/27/25 15:56*	*09/28/25 12:42*	*1*
Phenol-d5 (Surr)	*50*		*28 - 118*	*09/27/25 15:56*	*09/28/25 12:42*	*1*
Terphenyl-d14 (Surr)	*62*		*33 - 124*	*09/27/25 15:56*	*09/28/25 12:42*	*1*

Method: SW846 8081B - Organochlorine Pesticides (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
4,4'-DDD	0.0077	U	0.0077	0.0013	mg/Kg	☼	09/27/25 19:17	09/28/25 17:50	1
4,4'-DDE	0.0077	U	0.0077	0.00091	mg/Kg	☼	09/27/25 19:17	09/28/25 17:50	1
4,4'-DDT	0.0077	U	0.0077	0.0014	mg/Kg	☼	09/27/25 19:17	09/28/25 17:50	1
Aldrin	0.0077	U	0.0077	0.0012	mg/Kg	☼	09/27/25 19:17	09/28/25 17:50	1
alpha-BHC	0.0023	U	0.0023	0.00078	mg/Kg	☼	09/27/25 19:17	09/28/25 17:50	1
beta-BHC	0.0023	U	0.0023	0.00086	mg/Kg	☼	09/27/25 19:17	09/28/25 17:50	1
Chlordane (technical)	0.077	U	0.077	0.019	mg/Kg	☼	09/27/25 19:17	09/28/25 17:50	1
cis-Chlordane	0.0077	U	0.0077	0.0012	mg/Kg	☼	09/27/25 19:17	09/28/25 17:50	1
delta-BHC	0.0023	U	0.0023	0.00047	mg/Kg	☼	09/27/25 19:17	09/28/25 17:50	1
Dieldrin	0.0023	U	0.0023	0.0010	mg/Kg	☼	09/27/25 19:17	09/28/25 17:50	1
Endosulfan I	0.0077	U	0.0077	0.0012	mg/Kg	☼	09/27/25 19:17	09/28/25 17:50	1
Endosulfan II	0.0077	U	0.0077	0.0020	mg/Kg	☼	09/27/25 19:17	09/28/25 17:50	1
Endosulfan sulfate	0.0077	U	0.0077	0.00097	mg/Kg	☼	09/27/25 19:17	09/28/25 17:50	1
Endrin	0.0077	U	0.0077	0.0011	mg/Kg	☼	09/27/25 19:17	09/28/25 17:50	1
Endrin aldehyde	0.0077	U	0.0077	0.0018	mg/Kg	☼	09/27/25 19:17	09/28/25 17:50	1
Endrin ketone	0.0077	U	0.0077	0.0015	mg/Kg	☼	09/27/25 19:17	09/28/25 17:50	1
gamma-BHC (Lindane)	0.0023	U	0.0023	0.00071	mg/Kg	☼	09/27/25 19:17	09/28/25 17:50	1
Heptachlor	0.0077	U	0.0077	0.00091	mg/Kg	☼	09/27/25 19:17	09/28/25 17:50	1
Heptachlor epoxide	0.0077	U	0.0077	0.0012	mg/Kg	☼	09/27/25 19:17	09/28/25 17:50	1

Client Sample ID: 58F_5-10
Date Collected: 09/26/25 09:05
Date Received: 09/26/25 16:20

Lab Sample ID: 460-335806-12
Matrix: Solid
Percent Solids: 86.8

Method: SW846 8081B - Organochlorine Pesticides (GC) (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Methoxychlor	0.0077	U	0.0077	0.0018	mg/Kg	☼	09/27/25 19:17	09/28/25 17:50	1
Toxaphene	0.077	U	0.077	0.028	mg/Kg	☼	09/27/25 19:17	09/28/25 17:50	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
DCB Decachlorobiphenyl	*124*		*10 - 150*	*09/27/25 19:17*	*09/28/25 17:50*	*1*
DCB Decachlorobiphenyl	*112*		*10 - 150*	*09/27/25 19:17*	*09/28/25 17:50*	*1*
Tetrachloro-m-xylene	*97*		*14 - 150*	*09/27/25 19:17*	*09/28/25 17:50*	*1*
Tetrachloro-m-xylene	*84*		*14 - 150*	*09/27/25 19:17*	*09/28/25 17:50*	*1*

Method: SW846 8082A - Polychlorinated Biphenyls (PCBs) by Gas Chromatography

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Aroclor 1016	0.077	U	0.077	0.020	mg/Kg	☼	09/27/25 19:15	09/28/25 14:09	1
Aroclor 1221	0.077	U	0.077	0.020	mg/Kg	☼	09/27/25 19:15	09/28/25 14:09	1
Aroclor 1232	0.077	U	0.077	0.020	mg/Kg	☼	09/27/25 19:15	09/28/25 14:09	1
Aroclor 1242	0.077	U	0.077	0.020	mg/Kg	☼	09/27/25 19:15	09/28/25 14:09	1
Aroclor 1248	0.077	U	0.077	0.020	mg/Kg	☼	09/27/25 19:15	09/28/25 14:09	1
Aroclor 1254	0.077	U	0.077	0.020	mg/Kg	☼	09/27/25 19:15	09/28/25 14:09	1
Aroclor 1260	0.077	U	0.077	0.020	mg/Kg	☼	09/27/25 19:15	09/28/25 14:09	1
Aroclor-1262	0.077	U	0.077	0.020	mg/Kg	☼	09/27/25 19:15	09/28/25 14:09	1
Aroclor 1268	0.077	U	0.077	0.020	mg/Kg	☼	09/27/25 19:15	09/28/25 14:09	1
Polychlorinated biphenyls, Total	0.077	U	0.077	0.020	mg/Kg	☼	09/27/25 19:15	09/28/25 14:09	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
DCB Decachlorobiphenyl	*138*		*10 - 150*	*09/27/25 19:15*	*09/28/25 14:09*	*1*
DCB Decachlorobiphenyl	*136*		*10 - 150*	*09/27/25 19:15*	*09/28/25 14:09*	*1*
Tetrachloro-m-xylene	*102*		*10 - 150*	*09/27/25 19:15*	*09/28/25 14:09*	*1*
Tetrachloro-m-xylene	*102*		*10 - 150*	*09/27/25 19:15*	*09/28/25 14:09*	*1*

Method: EPA 1633A - Per- and Polyfluoroalkyl Substances by LC/MS/MS, 1633A

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Perfluorobutanoic acid (PFBA)	0.38	U	0.38	0.096	ug/Kg	☼	10/04/25 05:49	10/06/25 01:43	1
Perfluoropentanoic acid (PFPeA)	**0.097**	**J**	0.19	0.096	ug/Kg	☼	10/04/25 05:49	10/06/25 01:43	1
Perfluorohexanoic acid (PFHxA)	**0.11**	**J**	0.19	0.096	ug/Kg	☼	10/04/25 05:49	10/06/25 01:43	1
Perfluoroheptanoic acid (PFHpA)	**0.20**		0.19	0.096	ug/Kg	☼	10/04/25 05:49	10/06/25 01:43	1
Perfluorooctanoic acid (PFOA)	**0.32**		0.19	0.058	ug/Kg	☼	10/04/25 05:49	10/06/25 01:43	1
Perfluorononanoic acid (PFNA)	**4.96**		0.19	0.096	ug/Kg	☼	10/04/25 05:49	10/06/25 01:43	1
Perfluorodecanoic acid (PFDA)	**0.25**		0.19	0.058	ug/Kg	☼	10/04/25 05:49	10/06/25 01:43	1
Perfluoroundecanoic acid (PFUnA)	**2.43**		0.19	0.096	ug/Kg	☼	10/04/25 05:49	10/06/25 01:43	1
Perfluorododecanoic acid (PFDoA)	**0.30**		0.19	0.096	ug/Kg	☼	10/04/25 05:49	10/06/25 01:43	1
Perfluorotridecanoic acid (PFTrDA)	**1.66**		0.19	0.096	ug/Kg	☼	10/04/25 05:49	10/06/25 01:43	1
Perfluorotetradecanoic acid (PFTeDA)	0.19	U	0.19	0.096	ug/Kg	☼	10/04/25 05:49	10/06/25 01:43	1
Perfluorobutanesulfonic acid (PFBS)	0.19	U	0.19	0.096	ug/Kg	☼	10/04/25 05:49	10/06/25 01:43	1
Perfluoropentanesulfonic acid (PFPeS)	0.19	U	0.19	0.096	ug/Kg	☼	10/04/25 05:49	10/06/25 01:43	1
Perfluorohexanesulfonic acid (PFHxS)	0.19	U	0.19	0.096	ug/Kg	☼	10/04/25 05:49	10/06/25 01:43	1
Perfluoroheptanesulfonic acid (PFHpS)	0.19	U	0.19	0.096	ug/Kg	☼	10/04/25 05:49	10/06/25 01:43	1
Perfluorooctanesulfonic acid (PFOS)	**0.15**	**J**	0.19	0.096	ug/Kg	☼	10/04/25 05:49	10/06/25 01:43	1

Client Sample ID: 58F_5-10
Date Collected: 09/26/25 09:05
Date Received: 09/26/25 16:20

Lab Sample ID: 460-335806-12
Matrix: Solid
Percent Solids: 86.8

Method: EPA 1633A - Per- and Polyfluoroalkyl Substances by LC/MS/MS, 1633A (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Perfluorononanesulfonic acid (PFNS)	0.19	U	0.19	0.096	ug/Kg	☼	10/04/25 05:49	10/06/25 01:43	1
Perfluorodecanesulfonic acid (PFDS)	0.19	U *	0.19	0.096	ug/Kg	☼	10/04/25 05:49	10/06/25 01:43	1
Perfluorododecanesulfonic acid (PFDoS)	0.19	U *	0.19	0.096	ug/Kg	☼	10/04/25 05:49	10/06/25 01:43	1
1H,1H,2H,2H-Perfluorohexane sulfonic acid (4:2 FTS)	0.38	U	0.38	0.19	ug/Kg	☼	10/04/25 05:49	10/06/25 01:43	1
1H,1H,2H,2H-Perfluorooctane sulfonic acid (6:2 FTS)	0.38	U	0.38	0.19	ug/Kg	☼	10/04/25 05:49	10/06/25 01:43	1
1H,1H,2H,2H-Perfluorodecane sulfonic acid (8:2 FTS)	0.38	U	0.38	0.19	ug/Kg	☼	10/04/25 05:49	10/06/25 01:43	1
Perfluorooctanesulfonamide (PFOSA)	0.19	U	0.19	0.096	ug/Kg	☼	10/04/25 05:49	10/06/25 01:43	1
N-methylperfluorooctane sulfonamide (NMeFOSA)	0.19	U	0.19	0.096	ug/Kg	☼	10/04/25 05:49	10/06/25 01:43	1
N-ethylperfluorooctane sulfonamide (NEtFOSA)	0.19	U	0.19	0.096	ug/Kg	☼	10/04/25 05:49	10/06/25 01:43	1
N-methylperfluorooctanesulfonamidoacetic acid (NMeFOSAA)	0.19	U	0.19	0.096	ug/Kg	☼	10/04/25 05:49	10/06/25 01:43	1
N-ethylperfluorooctanesulfonamidoacetic acid (NEtFOSAA)	0.19	U	0.19	0.096	ug/Kg	☼	10/04/25 05:49	10/06/25 01:43	1
N-methylperfluorooctane sulfonamidoethanol (NMeFOSE)	0.96	U	0.96	0.48	ug/Kg	☼	10/04/25 05:49	10/06/25 01:43	1
N-ethylperfluorooctane sulfonamidoethanol (NEtFOSE)	0.96	U	0.96	0.48	ug/Kg	☼	10/04/25 05:49	10/06/25 01:43	1
Hexafluoropropylene Oxide Dimer Acid (HFPO-DA)	0.19	U	0.19	0.096	ug/Kg	☼	10/04/25 05:49	10/06/25 01:43	1
4,8-Dioxa-3H-perfluorononanoic acid (ADONA)	0.19	U	0.19	0.096	ug/Kg	☼	10/04/25 05:49	10/06/25 01:43	1
Perfluoro-3-methoxypropanoic acid (PFMPA)	0.19	U	0.19	0.096	ug/Kg	☼	10/04/25 05:49	10/06/25 01:43	1
Perfluoro-4-methoxybutanoic acid (PFMBA)	0.19	U	0.19	0.096	ug/Kg	☼	10/04/25 05:49	10/06/25 01:43	1
Nonafluoro-3,6-dioxaheptanoic acid (NFDHA)	0.19	U	0.19	0.096	ug/Kg	☼	10/04/25 05:49	10/06/25 01:43	1
9-Chlorohexadecafluoro-3-oxanonane-1-sulfonic acid (9Cl-PF3ONS)	0.19	U	0.19	0.096	ug/Kg	☼	10/04/25 05:49	10/06/25 01:43	1
11-Chloroeicosafluoro-3-oxaundecane-1-sulfonic acid (11Cl-PF3OUdS)	0.19	U *	0.19	0.096	ug/Kg	☼	10/04/25 05:49	10/06/25 01:43	1
Perfluoro (2-ethoxyethane) sulfonic acid (PFEESA)	0.19	U	0.19	0.096	ug/Kg	☼	10/04/25 05:49	10/06/25 01:43	1
3-Perfluoropropylpropanoic acid (3:3 FTCA)	0.38	U	0.38	0.19	ug/Kg	☼	10/04/25 05:49	10/06/25 01:43	1
3-Perfluoropentylpropanoic acid (5:3 FTCA)	0.96	U	0.96	0.48	ug/Kg	☼	10/04/25 05:49	10/06/25 01:43	1
3-Perfluoroheptylpropanoic acid (7:3 FTCA)	0.96	U	0.96	0.48	ug/Kg	☼	10/04/25 05:49	10/06/25 01:43	1

Isotope Dilution	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
13C4 PFBA	*98.2*		*8 - 130*	*10/04/25 05:49*	*10/06/25 01:43*	*1*
13C5 PFPeA	*93.1*		*35 - 130*	*10/04/25 05:49*	*10/06/25 01:43*	*1*
13C5 PFHxA	*88.7*		*40 - 130*	*10/04/25 05:49*	*10/06/25 01:43*	*1*
13C4 PFHpA	*97.6*		*40 - 130*	*10/04/25 05:49*	*10/06/25 01:43*	*1*
13C8 PFOA	*86.5*		*40 - 130*	*10/04/25 05:49*	*10/06/25 01:43*	*1*
13C9 PFNA	*88.4*		*40 - 130*	*10/04/25 05:49*	*10/06/25 01:43*	*1*
13C6 PFDA	*83.3*		*40 - 130*	*10/04/25 05:49*	*10/06/25 01:43*	*1*
13C7 PFUnA	*82.3*		*40 - 130*	*10/04/25 05:49*	*10/06/25 01:43*	*1*

Client Sample ID: 58F_5-10

Date Collected: 09/26/25 09:05
Date Received: 09/26/25 16:20

Lab Sample ID: 460-335806-12

Matrix: Solid
Percent Solids: 86.8

Method: EPA 1633A - Per- and Polyfluoroalkyl Substances by LC/MS/MS, 1633A (Continued)

Isotope Dilution	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
13C2 PFTeDA	66.5		20 - 130	10/04/25 05:49	10/06/25 01:43	1
13C3 PFBS	98.9		40 - 135	10/04/25 05:49	10/06/25 01:43	1
13C3 PFHxS	85.2		40 - 130	10/04/25 05:49	10/06/25 01:43	1
13C8 PFOS	80.1		40 - 130	10/04/25 05:49	10/06/25 01:43	1
13C8 FOSA	74.7		40 - 130	10/04/25 05:49	10/06/25 01:43	1
d3-NMeFOSAA	65.3		40 - 135	10/04/25 05:49	10/06/25 01:43	1
d5-NEtFOSAA	88.9		40 - 150	10/04/25 05:49	10/06/25 01:43	1
13C2 4:2 FTS	112		40 - 165	10/04/25 05:49	10/06/25 01:43	1
13C2 6:2 FTS	104		40 - 215	10/04/25 05:49	10/06/25 01:43	1
13C2 8:2 FTS	73.8		40 - 275	10/04/25 05:49	10/06/25 01:43	1
13C3 HFPO-DA	88.5		40 - 130	10/04/25 05:49	10/06/25 01:43	1
d7-N-MeFOSE-M	50.2		20 - 130	10/04/25 05:49	10/06/25 01:43	1
d9-N-EtFOSE-M	40.9		15 - 130	10/04/25 05:49	10/06/25 01:43	1
d5-NEtPFOSA	60.9		10 - 130	10/04/25 05:49	10/06/25 01:43	1
d3-NMePFOSA	64.1		10 - 130	10/04/25 05:49	10/06/25 01:43	1
13C2 PFDoA	79.0		40 - 130	10/04/25 05:49	10/06/25 01:43	1

Method: SW846 6020B - Metals (ICP/MS)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Aluminum	7100		20.9	5.7	mg/Kg	☼	10/03/25 07:27	10/03/25 22:23	1
Antimony	0.37	J	1.0	0.15	mg/Kg	☼	10/03/25 07:27	10/03/25 22:23	1
Arsenic	6.5		1.0	0.11	mg/Kg	☼	10/03/25 07:27	10/03/25 22:23	1
Barium	45.5		2.1	0.15	mg/Kg	☼	10/03/25 07:27	10/03/25 22:23	1
Beryllium	0.57		0.42	0.023	mg/Kg	☼	10/03/25 07:27	10/03/25 22:23	1
Cadmium	0.22	J	1.0	0.12	mg/Kg	☼	10/03/25 07:27	10/03/25 22:23	1
Calcium	2290		105	10.2	mg/Kg	☼	10/03/25 07:27	10/03/25 22:23	1
Chromium	14.9		2.1	0.31	mg/Kg	☼	10/03/25 07:27	10/03/25 22:23	1
Cobalt	6.4		1.0	0.15	mg/Kg	☼	10/03/25 07:27	10/03/25 22:23	1
Copper	37.6		2.1	0.39	mg/Kg	☼	10/03/25 07:27	10/03/25 22:23	1
Iron	18000		62.8	8.0	mg/Kg	☼	10/03/25 07:27	10/03/25 22:23	1
Lead	77.5		0.63	0.21	mg/Kg	☼	10/03/25 07:27	10/03/25 22:23	1
Magnesium	2790		105	10.7	mg/Kg	☼	10/03/25 07:27	10/03/25 22:23	1
Manganese	262		4.2	0.42	mg/Kg	☼	10/03/25 07:27	10/03/25 22:23	1
Nickel	16.3		2.1	0.19	mg/Kg	☼	10/03/25 07:27	10/03/25 22:23	1
Potassium	975		105	17.0	mg/Kg	☼	10/03/25 07:27	10/03/25 22:23	1
Selenium	0.22	J	1.3	0.13	mg/Kg	☼	10/03/25 07:27	10/03/25 22:23	1
Silver	0.19	J	0.42	0.093	mg/Kg	☼	10/03/25 07:27	10/03/25 22:23	1
Sodium	87.7	J	105	47.8	mg/Kg	☼	10/03/25 07:27	10/03/25 22:23	1
Thallium	0.088	J	0.42	0.043	mg/Kg	☼	10/03/25 07:27	10/03/25 22:23	1
Vanadium	25.5		2.1	0.22	mg/Kg	☼	10/03/25 07:27	10/03/25 22:23	1
Zinc	91.3		8.4	1.1	mg/Kg	☼	10/03/25 07:27	10/03/25 22:23	1

Method: SW846 7471B - Mercury (CVAA)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	0.039		0.020	0.0092	mg/Kg	☼	10/03/25 02:15	10/03/25 10:52	1

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Percent Moisture (EPA Moisture)	13.2		1.0	1.0	%			10/01/25 18:45	1
Percent Solids (EPA Moisture)	86.8		1.0	1.0	%			10/01/25 18:45	1

Client Sample ID: 58G_0-5
Date Collected: 09/26/25 09:10
Date Received: 09/26/25 16:20

Lab Sample ID: 460-335806-13
Matrix: Solid
Percent Solids: 88.9

Method: SW846 8270E - Semivolatile Organic Compounds (GC/MS)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1'-Biphenyl	0.37	U	0.37	0.013	mg/Kg	☼	09/27/25 15:56	09/28/25 13:06	1
1,2,4,5-Tetrachlorobenzene	0.37	U	0.37	0.012	mg/Kg	☼	09/27/25 15:56	09/28/25 13:06	1
1,4-Dioxane	0.037	U	0.037	0.032	mg/Kg	☼	09/27/25 15:56	09/28/25 13:06	1
2,2'-oxybis[1-chloropropane]	0.37	U	0.37	0.022	mg/Kg	☼	09/27/25 15:56	09/28/25 13:06	1
2,3,4,6-Tetrachlorophenol	0.37	U	0.37	0.025	mg/Kg	☼	09/27/25 15:56	09/28/25 13:06	1
2,4,5-Trichlorophenol	0.37	U	0.37	0.038	mg/Kg	☼	09/27/25 15:56	09/28/25 13:06	1
2,4,6-Trichlorophenol	0.15	U	0.15	0.047	mg/Kg	☼	09/27/25 15:56	09/28/25 13:06	1
2,4-Dichlorophenol	0.15	U	0.15	0.024	mg/Kg	☼	09/27/25 15:56	09/28/25 13:06	1
2,4-Dimethylphenol	0.37	U	0.37	0.044	mg/Kg	☼	09/27/25 15:56	09/28/25 13:06	1
2,4-Dinitrophenol	0.30	U	0.30	0.18	mg/Kg	☼	09/27/25 15:56	09/28/25 13:06	1
2,4-Dinitrotoluene	0.075	U	0.075	0.040	mg/Kg	☼	09/27/25 15:56	09/28/25 13:06	1
2,6-Dinitrotoluene	0.075	U	0.075	0.027	mg/Kg	☼	09/27/25 15:56	09/28/25 13:06	1
2-Chloronaphthalene	0.37	U	0.37	0.048	mg/Kg	☼	09/27/25 15:56	09/28/25 13:06	1
2-Chlorophenol	0.37	U	0.37	0.013	mg/Kg	☼	09/27/25 15:56	09/28/25 13:06	1
2-Methylnaphthalene	0.37	U	0.37	0.010	mg/Kg	☼	09/27/25 15:56	09/28/25 13:06	1
2-Methylphenol	0.37	U	0.37	0.014	mg/Kg	☼	09/27/25 15:56	09/28/25 13:06	1
2-Nitroaniline	0.37	U	0.37	0.028	mg/Kg	☼	09/27/25 15:56	09/28/25 13:06	1
2-Nitrophenol	0.37	U	0.37	0.037	mg/Kg	☼	09/27/25 15:56	09/28/25 13:06	1
3 & 4 Methylphenol	0.37	U	0.37	0.023	mg/Kg	☼	09/27/25 15:56	09/28/25 13:06	1
3,3'-Dichlorobenzidine	0.15	U	0.15	0.056	mg/Kg	☼	09/27/25 15:56	09/28/25 13:06	1
3-Nitroaniline	0.37	U	0.37	0.088	mg/Kg	☼	09/27/25 15:56	09/28/25 13:06	1
4,6-Dinitro-2-methylphenol	0.30	U	0.30	0.15	mg/Kg	☼	09/27/25 15:56	09/28/25 13:06	1
4-Bromophenyl phenyl ether	0.37	U	0.37	0.015	mg/Kg	☼	09/27/25 15:56	09/28/25 13:06	1
4-Chloro-3-methylphenol	0.37	U	0.37	0.021	mg/Kg	☼	09/27/25 15:56	09/28/25 13:06	1
4-Chloroaniline	0.37	U	0.37	0.066	mg/Kg	☼	09/27/25 15:56	09/28/25 13:06	1
4-Chlorophenyl phenyl ether	0.37	U	0.37	0.013	mg/Kg	☼	09/27/25 15:56	09/28/25 13:06	1
4-Methylphenol	0.37	U	0.37	0.023	mg/Kg	☼	09/27/25 15:56	09/28/25 13:06	1
4-Nitroaniline	0.37	U	0.37	0.094	mg/Kg	☼	09/27/25 15:56	09/28/25 13:06	1
4-Nitrophenol	0.75	U	0.75	0.060	mg/Kg	☼	09/27/25 15:56	09/28/25 13:06	1
Acenaphthene	0.37	U	0.37	0.011	mg/Kg	☼	09/27/25 15:56	09/28/25 13:06	1
Acenaphthylene	0.37	U	0.37	0.011	mg/Kg	☼	09/27/25 15:56	09/28/25 13:06	1
Acetophenone	0.37	U	0.37	0.018	mg/Kg	☼	09/27/25 15:56	09/28/25 13:06	1
Anthracene	0.37	U	0.37	0.011	mg/Kg	☼	09/27/25 15:56	09/28/25 13:06	1
Atrazine	0.15	U	0.15	0.022	mg/Kg	☼	09/27/25 15:56	09/28/25 13:06	1
Benzaldehyde	0.37	U	0.37	0.061	mg/Kg	☼	09/27/25 15:56	09/28/25 13:06	1
Benzo[a]anthracene	0.037	U	0.037	0.028	mg/Kg	☼	09/27/25 15:56	09/28/25 13:06	1
Benzo[a]pyrene	0.037	U	0.037	0.0099	mg/Kg	☼	09/27/25 15:56	09/28/25 13:06	1
Benzo[b]fluoranthene	0.037	U	0.037	0.0096	mg/Kg	☼	09/27/25 15:56	09/28/25 13:06	1
Benzo[g,h,i]perylene	0.37	U	0.37	0.011	mg/Kg	☼	09/27/25 15:56	09/28/25 13:06	1
Benzo[k]fluoranthene	0.037	U	0.037	0.0073	mg/Kg	☼	09/27/25 15:56	09/28/25 13:06	1
Bis(2-chloroethoxy)methane	0.37	U	0.37	0.068	mg/Kg	☼	09/27/25 15:56	09/28/25 13:06	1
Bis(2-chloroethyl)ether	0.037	U	0.037	0.013	mg/Kg	☼	09/27/25 15:56	09/28/25 13:06	1
Bis(2-ethylhexyl) phthalate	0.37	U	0.37	0.020	mg/Kg	☼	09/27/25 15:56	09/28/25 13:06	1
Butyl benzyl phthalate	0.37	U	0.37	0.017	mg/Kg	☼	09/27/25 15:56	09/28/25 13:06	1
Caprolactam	0.37	U	0.37	0.058	mg/Kg	☼	09/27/25 15:56	09/28/25 13:06	1
Carbazole	0.37	U	0.37	0.014	mg/Kg	☼	09/27/25 15:56	09/28/25 13:06	1
Chrysene	0.37	U	0.37	0.016	mg/Kg	☼	09/27/25 15:56	09/28/25 13:06	1
Dibenz(a,h)anthracene	0.037	U	0.037	0.016	mg/Kg	☼	09/27/25 15:56	09/28/25 13:06	1
Dibenzofuran	0.37	U	0.37	0.012	mg/Kg	☼	09/27/25 15:56	09/28/25 13:06	1

Client Sample ID: 58G_0-5

Date Collected: 09/26/25 09:10
Date Received: 09/26/25 16:20

Lab Sample ID: 460-335806-13

Matrix: Solid
Percent Solids: 88.9

Method: SW846 8270E - Semivolatile Organic Compounds (GC/MS) (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Diethyl phthalate	0.37	U	0.37	0.012	mg/Kg	☼	09/27/25 15:56	09/28/25 13:06	1
Dimethyl phthalate	0.37	U	0.37	0.084	mg/Kg	☼	09/27/25 15:56	09/28/25 13:06	1
Di-n-butyl phthalate	0.37	U	0.37	0.014	mg/Kg	☼	09/27/25 15:56	09/28/25 13:06	1
Di-n-octyl phthalate	0.37	U	0.37	0.020	mg/Kg	☼	09/27/25 15:56	09/28/25 13:06	1
Fluoranthene	0.37	U	0.37	0.013	mg/Kg	☼	09/27/25 15:56	09/28/25 13:06	1
Fluorene	0.37	U	0.37	0.011	mg/Kg	☼	09/27/25 15:56	09/28/25 13:06	1
Hexachlorobenzene	0.037	U	0.037	0.018	mg/Kg	☼	09/27/25 15:56	09/28/25 13:06	1
Hexachlorobutadiene	0.075	U	0.075	0.0079	mg/Kg	☼	09/27/25 15:56	09/28/25 13:06	1
Hexachlorocyclopentadiene	0.37	U	0.37	0.032	mg/Kg	☼	09/27/25 15:56	09/28/25 13:06	1
Hexachloroethane	0.037	U	0.037	0.013	mg/Kg	☼	09/27/25 15:56	09/28/25 13:06	1
Indeno[1,2,3-cd]pyrene	0.037	U	0.037	0.014	mg/Kg	☼	09/27/25 15:56	09/28/25 13:06	1
Isophorone	0.15	U	0.15	0.11	mg/Kg	☼	09/27/25 15:56	09/28/25 13:06	1
Naphthalene	0.37	U	0.37	0.0064	mg/Kg	☼	09/27/25 15:56	09/28/25 13:06	1
Nitrobenzene	0.037	U	0.037	0.021	mg/Kg	☼	09/27/25 15:56	09/28/25 13:06	1
N-Nitrosodi-n-propylamine	0.037	U	0.037	0.027	mg/Kg	☼	09/27/25 15:56	09/28/25 13:06	1
N-Nitrosodiphenylamine	0.37	U	0.37	0.030	mg/Kg	☼	09/27/25 15:56	09/28/25 13:06	1
Pentachlorophenol	0.30	U	0.30	0.076	mg/Kg	☼	09/27/25 15:56	09/28/25 13:06	1
Phenanthrene	0.37	U	0.37	0.015	mg/Kg	☼	09/27/25 15:56	09/28/25 13:06	1
Phenol	0.37	U	0.37	0.014	mg/Kg	☼	09/27/25 15:56	09/28/25 13:06	1
Pyrene	0.37	U	0.37	0.0092	mg/Kg	☼	09/27/25 15:56	09/28/25 13:06	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
2,4,6-Tribromophenol (Surr)	*49*		*18 - 137*	*09/27/25 15:56*	*09/28/25 13:06*	*1*
2-Fluorobiphenyl	*39*		*33 - 117*	*09/27/25 15:56*	*09/28/25 13:06*	*1*
2-Fluorophenol (Surr)	*38*		*24 - 120*	*09/27/25 15:56*	*09/28/25 13:06*	*1*
Nitrobenzene-d5 (Surr)	*40*		*27 - 120*	*09/27/25 15:56*	*09/28/25 13:06*	*1*
Phenol-d5 (Surr)	*38*		*28 - 118*	*09/27/25 15:56*	*09/28/25 13:06*	*1*
Terphenyl-d14 (Surr)	*61*		*33 - 124*	*09/27/25 15:56*	*09/28/25 13:06*	*1*

Method: SW846 8081B - Organochlorine Pesticides (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
4,4'-DDD	0.0075	U	0.0075	0.0013	mg/Kg	☼	09/27/25 19:17	09/28/25 18:03	1
4,4'-DDE	0.0075	U	0.0075	0.00089	mg/Kg	☼	09/27/25 19:17	09/28/25 18:03	1
4,4'-DDT	0.0075	U	0.0075	0.0014	mg/Kg	☼	09/27/25 19:17	09/28/25 18:03	1
Aldrin	0.0075	U	0.0075	0.0011	mg/Kg	☼	09/27/25 19:17	09/28/25 18:03	1
alpha-BHC	0.0022	U	0.0022	0.00076	mg/Kg	☼	09/27/25 19:17	09/28/25 18:03	1
beta-BHC	0.0022	U	0.0022	0.00084	mg/Kg	☼	09/27/25 19:17	09/28/25 18:03	1
Chlordane (technical)	0.075	U	0.075	0.018	mg/Kg	☼	09/27/25 19:17	09/28/25 18:03	1
cis-Chlordane	0.0075	U	0.0075	0.0012	mg/Kg	☼	09/27/25 19:17	09/28/25 18:03	1
delta-BHC	0.0022	U	0.0022	0.00046	mg/Kg	☼	09/27/25 19:17	09/28/25 18:03	1
Dieldrin	0.0022	U	0.0022	0.00098	mg/Kg	☼	09/27/25 19:17	09/28/25 18:03	1
Endosulfan I	0.0075	U	0.0075	0.0011	mg/Kg	☼	09/27/25 19:17	09/28/25 18:03	1
Endosulfan II	0.0075	U	0.0075	0.0019	mg/Kg	☼	09/27/25 19:17	09/28/25 18:03	1
Endosulfan sulfate	0.0075	U	0.0075	0.00094	mg/Kg	☼	09/27/25 19:17	09/28/25 18:03	1
Endrin	0.0075	U	0.0075	0.0011	mg/Kg	☼	09/27/25 19:17	09/28/25 18:03	1
Endrin aldehyde	0.0075	U	0.0075	0.0018	mg/Kg	☼	09/27/25 19:17	09/28/25 18:03	1
Endrin ketone	0.0075	U	0.0075	0.0015	mg/Kg	☼	09/27/25 19:17	09/28/25 18:03	1
gamma-BHC (Lindane)	0.0022	U	0.0022	0.00070	mg/Kg	☼	09/27/25 19:17	09/28/25 18:03	1
Heptachlor	0.0075	U	0.0075	0.00089	mg/Kg	☼	09/27/25 19:17	09/28/25 18:03	1
Heptachlor epoxide	0.0075	U	0.0075	0.0011	mg/Kg	☼	09/27/25 19:17	09/28/25 18:03	1

Client Sample ID: 58G_0-5
Date Collected: 09/26/25 09:10
Date Received: 09/26/25 16:20

Lab Sample ID: 460-335806-13
Matrix: Solid
Percent Solids: 88.9

Method: SW846 8081B - Organochlorine Pesticides (GC) (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Methoxychlor	0.0075	U	0.0075	0.0017	mg/Kg	☼	09/27/25 19:17	09/28/25 18:03	1
Toxaphene	0.075	U	0.075	0.027	mg/Kg	☼	09/27/25 19:17	09/28/25 18:03	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
DCB Decachlorobiphenyl	*103*		*10 - 150*	*09/27/25 19:17*	*09/28/25 18:03*	*1*
DCB Decachlorobiphenyl	*109*		*10 - 150*	*09/27/25 19:17*	*09/28/25 18:03*	*1*
Tetrachloro-m-xylene	*84*		*14 - 150*	*09/27/25 19:17*	*09/28/25 18:03*	*1*
Tetrachloro-m-xylene	*74*		*14 - 150*	*09/27/25 19:17*	*09/28/25 18:03*	*1*

Method: SW846 8082A - Polychlorinated Biphenyls (PCBs) by Gas Chromatography

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Aroclor 1016	0.075	U	0.075	0.020	mg/Kg	☼	09/27/25 19:15	09/28/25 14:31	1
Aroclor 1221	0.075	U	0.075	0.020	mg/Kg	☼	09/27/25 19:15	09/28/25 14:31	1
Aroclor 1232	0.075	U	0.075	0.020	mg/Kg	☼	09/27/25 19:15	09/28/25 14:31	1
Aroclor 1242	0.075	U	0.075	0.020	mg/Kg	☼	09/27/25 19:15	09/28/25 14:31	1
Aroclor 1248	0.075	U	0.075	0.020	mg/Kg	☼	09/27/25 19:15	09/28/25 14:31	1
Aroclor 1254	0.075	U	0.075	0.020	mg/Kg	☼	09/27/25 19:15	09/28/25 14:31	1
Aroclor 1260	0.075	U	0.075	0.020	mg/Kg	☼	09/27/25 19:15	09/28/25 14:31	1
Aroclor-1262	0.075	U	0.075	0.020	mg/Kg	☼	09/27/25 19:15	09/28/25 14:31	1
Aroclor 1268	0.075	U	0.075	0.020	mg/Kg	☼	09/27/25 19:15	09/28/25 14:31	1
Polychlorinated biphenyls, Total	0.075	U	0.075	0.020	mg/Kg	☼	09/27/25 19:15	09/28/25 14:31	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
DCB Decachlorobiphenyl	*103*		*10 - 150*	*09/27/25 19:15*	*09/28/25 14:31*	*1*
DCB Decachlorobiphenyl	*110*		*10 - 150*	*09/27/25 19:15*	*09/28/25 14:31*	*1*
Tetrachloro-m-xylene	*71*		*10 - 150*	*09/27/25 19:15*	*09/28/25 14:31*	*1*
Tetrachloro-m-xylene	*70*		*10 - 150*	*09/27/25 19:15*	*09/28/25 14:31*	*1*

Method: EPA 1633A - Per- and Polyfluoroalkyl Substances by LC/MS/MS, 1633A

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Perfluorobutanoic acid (PFBA)	0.40	U	0.40	0.10	ug/Kg	☼	10/04/25 05:49	10/06/25 01:56	1
Perfluoropentanoic acid (PFPeA)	0.20	U	0.20	0.10	ug/Kg	☼	10/04/25 05:49	10/06/25 01:56	1
Perfluorohexanoic acid (PFHxA)	0.20	U	0.20	0.10	ug/Kg	☼	10/04/25 05:49	10/06/25 01:56	1
Perfluoroheptanoic acid (PFHpA)	0.20	U	0.20	0.10	ug/Kg	☼	10/04/25 05:49	10/06/25 01:56	1
Perfluorooctanoic acid (PFOA)	**0.073**	**J**	0.20	0.060	ug/Kg	☼	10/04/25 05:49	10/06/25 01:56	1
Perfluorononanoic acid (PFNA)	**0.20**		0.20	0.10	ug/Kg	☼	10/04/25 05:49	10/06/25 01:56	1
Perfluorodecanoic acid (PFDA)	**0.31**		0.20	0.060	ug/Kg	☼	10/04/25 05:49	10/06/25 01:56	1
Perfluoroundecanoic acid (PFUnA)	**1.92**		0.20	0.10	ug/Kg	☼	10/04/25 05:49	10/06/25 01:56	1
Perfluorododecanoic acid (PFDoA)	**0.20**		0.20	0.10	ug/Kg	☼	10/04/25 05:49	10/06/25 01:56	1
Perfluorotridecanoic acid (PFTrDA)	**0.66**		0.20	0.10	ug/Kg	☼	10/04/25 05:49	10/06/25 01:56	1
Perfluorotetradecanoic acid (PFTeDA)	0.20	U	0.20	0.10	ug/Kg	☼	10/04/25 05:49	10/06/25 01:56	1
Perfluorobutanesulfonic acid (PFBS)	0.20	U	0.20	0.10	ug/Kg	☼	10/04/25 05:49	10/06/25 01:56	1
Perfluoropentanesulfonic acid (PFPeS)	0.20	U	0.20	0.10	ug/Kg	☼	10/04/25 05:49	10/06/25 01:56	1
Perfluorohexanesulfonic acid (PFHxS)	0.20	U	0.20	0.10	ug/Kg	☼	10/04/25 05:49	10/06/25 01:56	1
Perfluoroheptanesulfonic acid (PFHpS)	0.20	U	0.20	0.10	ug/Kg	☼	10/04/25 05:49	10/06/25 01:56	1
Perfluorooctanesulfonic acid (PFOS)	0.20	U	0.20	0.10	ug/Kg	☼	10/04/25 05:49	10/06/25 01:56	1
Perfluorononanesulfonic acid (PFNS)	0.20	U	0.20	0.10	ug/Kg	☼	10/04/25 05:49	10/06/25 01:56	1

Client Sample ID: 58G_0-5
Date Collected: 09/26/25 09:10
Date Received: 09/26/25 16:20

Lab Sample ID: 460-335806-13
Matrix: Solid
Percent Solids: 88.9

Method: EPA 1633A - Per- and Polyfluoroalkyl Substances by LC/MS/MS, 1633A (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Perfluorodecanesulfonic acid (PFDS)	0.20	U *	0.20	0.10	ug/Kg	☼	10/04/25 05:49	10/06/25 01:56	1
Perfluorododecanesulfonic acid (PFDoS)	0.20	U *	0.20	0.10	ug/Kg	☼	10/04/25 05:49	10/06/25 01:56	1
1H,1H,2H,2H-Perfluorohexane sulfonic acid (4:2 FTS)	0.40	U	0.40	0.20	ug/Kg	☼	10/04/25 05:49	10/06/25 01:56	1
1H,1H,2H,2H-Perfluorooctane sulfonic acid (6:2 FTS)	0.40	U	0.40	0.20	ug/Kg	☼	10/04/25 05:49	10/06/25 01:56	1
1H,1H,2H,2H-Perfluorodecane sulfonic acid (8:2 FTS)	0.40	U	0.40	0.20	ug/Kg	☼	10/04/25 05:49	10/06/25 01:56	1
Perfluorooctanesulfonamide (PFOSA)	0.20	U	0.20	0.10	ug/Kg	☼	10/04/25 05:49	10/06/25 01:56	1
N-methylperfluorooctane sulfonamide (NMeFOSA)	0.20	U	0.20	0.10	ug/Kg	☼	10/04/25 05:49	10/06/25 01:56	1
N-ethylperfluorooctane sulfonamide (NEtFOSA)	0.20	U	0.20	0.10	ug/Kg	☼	10/04/25 05:49	10/06/25 01:56	1
N-methylperfluorooctanesulfonamidoacetic acid (NMeFOSAA)	0.20	U	0.20	0.10	ug/Kg	☼	10/04/25 05:49	10/06/25 01:56	1
N-ethylperfluorooctanesulfonamidoacetic acid (NEtFOSAA)	0.20	U	0.20	0.10	ug/Kg	☼	10/04/25 05:49	10/06/25 01:56	1
N-methylperfluorooctane sulfonamidoethanol (NMeFOSE)	1.0	U	1.0	0.50	ug/Kg	☼	10/04/25 05:49	10/06/25 01:56	1
N-ethylperfluorooctane sulfonamidoethanol (NEtFOSE)	1.0	U	1.0	0.50	ug/Kg	☼	10/04/25 05:49	10/06/25 01:56	1
Hexafluoropropylene Oxide Dimer Acid (HFPO-DA)	0.20	U	0.20	0.10	ug/Kg	☼	10/04/25 05:49	10/06/25 01:56	1
4,8-Dioxa-3H-perfluorononanoic acid (ADONA)	0.20	U	0.20	0.10	ug/Kg	☼	10/04/25 05:49	10/06/25 01:56	1
Perfluoro-3-methoxypropanoic acid (PFMPA)	0.20	U	0.20	0.10	ug/Kg	☼	10/04/25 05:49	10/06/25 01:56	1
Perfluoro-4-methoxybutanoic acid (PFMBA)	0.20	U	0.20	0.10	ug/Kg	☼	10/04/25 05:49	10/06/25 01:56	1
Nonafluoro-3,6-dioxaheptanoic acid (NFDHA)	0.20	U	0.20	0.10	ug/Kg	☼	10/04/25 05:49	10/06/25 01:56	1
9-Chlorohexadecafluoro-3-oxanonane-1-sulfonic acid (9Cl-PF3ONS)	0.20	U	0.20	0.10	ug/Kg	☼	10/04/25 05:49	10/06/25 01:56	1
11-Chloroeicosafluoro-3-oxaundecane-1-sulfonic acid (11Cl-PF3OUdS)	0.20	U *	0.20	0.10	ug/Kg	☼	10/04/25 05:49	10/06/25 01:56	1
Perfluoro (2-ethoxyethane) sulfonic acid (PFEESA)	0.20	U	0.20	0.10	ug/Kg	☼	10/04/25 05:49	10/06/25 01:56	1
3-Perfluoropropylpropanoic acid (3:3 FTCA)	0.40	U	0.40	0.20	ug/Kg	☼	10/04/25 05:49	10/06/25 01:56	1
3-Perfluoropentylpropanoic acid (5:3 FTCA)	1.0	U	1.0	0.50	ug/Kg	☼	10/04/25 05:49	10/06/25 01:56	1
3-Perfluoroheptylpropanoic acid (7:3 FTCA)	1.0	U	1.0	0.50	ug/Kg	☼	10/04/25 05:49	10/06/25 01:56	1

Isotope Dilution	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
13C4 PFBA	*109*		*8 - 130*	*10/04/25 05:49*	*10/06/25 01:56*	*1*
13C5 PFPeA	*102*		*35 - 130*	*10/04/25 05:49*	*10/06/25 01:56*	*1*
13C5 PFHxA	*104*		*40 - 130*	*10/04/25 05:49*	*10/06/25 01:56*	*1*
13C4 PFHpA	*108*		*40 - 130*	*10/04/25 05:49*	*10/06/25 01:56*	*1*
13C8 PFOA	*101*		*40 - 130*	*10/04/25 05:49*	*10/06/25 01:56*	*1*
13C9 PFNA	*100*		*40 - 130*	*10/04/25 05:49*	*10/06/25 01:56*	*1*
13C6 PFDA	*89.9*		*40 - 130*	*10/04/25 05:49*	*10/06/25 01:56*	*1*
13C7 PFUnA	*93.0*		*40 - 130*	*10/04/25 05:49*	*10/06/25 01:56*	*1*
13C2 PFTeDA	*63.5*		*20 - 130*	*10/04/25 05:49*	*10/06/25 01:56*	*1*

Client Sample ID: 58G_0-5

Date Collected: 09/26/25 09:10
Date Received: 09/26/25 16:20

Lab Sample ID: 460-335806-13

Matrix: Solid
Percent Solids: 88.9

Method: EPA 1633A - Per- and Polyfluoroalkyl Substances by LC/MS/MS, 1633A (Continued)

Isotope Dilution	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
13C3 PFBS	113		40 - 135	10/04/25 05:49	10/06/25 01:56	1
13C3 PFHxS	98.0		40 - 130	10/04/25 05:49	10/06/25 01:56	1
13C8 PFOS	92.6		40 - 130	10/04/25 05:49	10/06/25 01:56	1
13C8 FOSA	87.2		40 - 130	10/04/25 05:49	10/06/25 01:56	1
d3-NMeFOSAA	76.2		40 - 135	10/04/25 05:49	10/06/25 01:56	1
d5-NEtFOSAA	99.4		40 - 150	10/04/25 05:49	10/06/25 01:56	1
13C2 4:2 FTS	121		40 - 165	10/04/25 05:49	10/06/25 01:56	1
13C2 6:2 FTS	111		40 - 215	10/04/25 05:49	10/06/25 01:56	1
13C2 8:2 FTS	79.9		40 - 275	10/04/25 05:49	10/06/25 01:56	1
13C3 HFPO-DA	101		40 - 130	10/04/25 05:49	10/06/25 01:56	1
d7-N-MeFOSE-M	73.5		20 - 130	10/04/25 05:49	10/06/25 01:56	1
d9-N-EtFOSE-M	64.0		15 - 130	10/04/25 05:49	10/06/25 01:56	1
d5-NEtPFOSA	67.9		10 - 130	10/04/25 05:49	10/06/25 01:56	1
d3-NMePFOSA	77.4		10 - 130	10/04/25 05:49	10/06/25 01:56	1
13C2 PFDoA	80.5		40 - 130	10/04/25 05:49	10/06/25 01:56	1

Method: SW846 6020B - Metals (ICP/MS)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Aluminum	9890		20.1	5.5	mg/Kg	☼	10/03/25 07:27	10/03/25 22:26	1
Antimony	0.28	J	1.0	0.15	mg/Kg	☼	10/03/25 07:27	10/03/25 22:26	1
Arsenic	5.2		1.0	0.10	mg/Kg	☼	10/03/25 07:27	10/03/25 22:26	1
Barium	53.1		2.0	0.15	mg/Kg	☼	10/03/25 07:27	10/03/25 22:26	1
Beryllium	0.57		0.40	0.022	mg/Kg	☼	10/03/25 07:27	10/03/25 22:26	1
Cadmium	0.22	J	1.0	0.11	mg/Kg	☼	10/03/25 07:27	10/03/25 22:26	1
Calcium	2740		100	9.8	mg/Kg	☼	10/03/25 07:27	10/03/25 22:26	1
Chromium	16.4		2.0	0.30	mg/Kg	☼	10/03/25 07:27	10/03/25 22:26	1
Cobalt	6.8		1.0	0.15	mg/Kg	☼	10/03/25 07:27	10/03/25 22:26	1
Copper	23.3		2.0	0.37	mg/Kg	☼	10/03/25 07:27	10/03/25 22:26	1
Iron	19600		60.2	7.7	mg/Kg	☼	10/03/25 07:27	10/03/25 22:26	1
Lead	56.0		0.60	0.20	mg/Kg	☼	10/03/25 07:27	10/03/25 22:26	1
Magnesium	3760		100	10.2	mg/Kg	☼	10/03/25 07:27	10/03/25 22:26	1
Manganese	286		4.0	0.40	mg/Kg	☼	10/03/25 07:27	10/03/25 22:26	1
Nickel	13.8		2.0	0.18	mg/Kg	☼	10/03/25 07:27	10/03/25 22:26	1
Potassium	1080		100	16.3	mg/Kg	☼	10/03/25 07:27	10/03/25 22:26	1
Selenium	0.17	J	1.3	0.13	mg/Kg	☼	10/03/25 07:27	10/03/25 22:26	1
Silver	0.12	J	0.40	0.089	mg/Kg	☼	10/03/25 07:27	10/03/25 22:26	1
Sodium	101		100	45.9	mg/Kg	☼	10/03/25 07:27	10/03/25 22:26	1
Thallium	0.11	J	0.40	0.041	mg/Kg	☼	10/03/25 07:27	10/03/25 22:26	1
Vanadium	24.4		2.0	0.21	mg/Kg	☼	10/03/25 07:27	10/03/25 22:26	1
Zinc	52.6		8.0	1.1	mg/Kg	☼	10/03/25 07:27	10/03/25 22:26	1

Method: SW846 7471B - Mercury (CVAA)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	0.023		0.018	0.0086	mg/Kg	☼	10/03/25 02:15	10/03/25 10:55	1

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Percent Moisture (EPA Moisture)	11.1		1.0	1.0	%			10/01/25 18:45	1
Percent Solids (EPA Moisture)	88.9		1.0	1.0	%			10/01/25 18:45	1

Client Sample ID: 58G_5-10
Date Collected: 09/26/25 09:15
Date Received: 09/26/25 16:20

Lab Sample ID: 460-335806-14
Matrix: Solid
Percent Solids: 90.3

Method: SW846 8270E - Semivolatile Organic Compounds (GC/MS)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1'-Biphenyl	0.36	U	0.36	0.013	mg/Kg	☼	09/27/25 15:56	09/28/25 13:31	1
1,2,4,5-Tetrachlorobenzene	0.36	U	0.36	0.011	mg/Kg	☼	09/27/25 15:56	09/28/25 13:31	1
1,4-Dioxane	0.036	U	0.036	0.032	mg/Kg	☼	09/27/25 15:56	09/28/25 13:31	1
2,2'-oxybis[1-chloropropane]	0.36	U	0.36	0.022	mg/Kg	☼	09/27/25 15:56	09/28/25 13:31	1
2,3,4,6-Tetrachlorophenol	0.36	U	0.36	0.025	mg/Kg	☼	09/27/25 15:56	09/28/25 13:31	1
2,4,5-Trichlorophenol	0.36	U	0.36	0.037	mg/Kg	☼	09/27/25 15:56	09/28/25 13:31	1
2,4,6-Trichlorophenol	0.15	U	0.15	0.047	mg/Kg	☼	09/27/25 15:56	09/28/25 13:31	1
2,4-Dichlorophenol	0.15	U	0.15	0.023	mg/Kg	☼	09/27/25 15:56	09/28/25 13:31	1
2,4-Dimethylphenol	0.36	U	0.36	0.043	mg/Kg	☼	09/27/25 15:56	09/28/25 13:31	1
2,4-Dinitrophenol	0.29	U	0.29	0.18	mg/Kg	☼	09/27/25 15:56	09/28/25 13:31	1
2,4-Dinitrotoluene	0.074	U	0.074	0.039	mg/Kg	☼	09/27/25 15:56	09/28/25 13:31	1
2,6-Dinitrotoluene	0.074	U	0.074	0.026	mg/Kg	☼	09/27/25 15:56	09/28/25 13:31	1
2-Chloronaphthalene	0.36	U	0.36	0.047	mg/Kg	☼	09/27/25 15:56	09/28/25 13:31	1
2-Chlorophenol	0.36	U	0.36	0.013	mg/Kg	☼	09/27/25 15:56	09/28/25 13:31	1
2-Methylnaphthalene	0.36	U	0.36	0.010	mg/Kg	☼	09/27/25 15:56	09/28/25 13:31	1
2-Methylphenol	0.36	U	0.36	0.014	mg/Kg	☼	09/27/25 15:56	09/28/25 13:31	1
2-Nitroaniline	0.36	U	0.36	0.028	mg/Kg	☼	09/27/25 15:56	09/28/25 13:31	1
2-Nitrophenol	0.36	U	0.36	0.036	mg/Kg	☼	09/27/25 15:56	09/28/25 13:31	1
3 & 4 Methylphenol	0.36	U	0.36	0.023	mg/Kg	☼	09/27/25 15:56	09/28/25 13:31	1
3,3'-Dichlorobenzidine	0.15	U	0.15	0.055	mg/Kg	☼	09/27/25 15:56	09/28/25 13:31	1
3-Nitroaniline	0.36	U	0.36	0.086	mg/Kg	☼	09/27/25 15:56	09/28/25 13:31	1
4,6-Dinitro-2-methylphenol	0.29	U	0.29	0.15	mg/Kg	☼	09/27/25 15:56	09/28/25 13:31	1
4-Bromophenyl phenyl ether	0.36	U	0.36	0.014	mg/Kg	☼	09/27/25 15:56	09/28/25 13:31	1
4-Chloro-3-methylphenol	0.36	U	0.36	0.020	mg/Kg	☼	09/27/25 15:56	09/28/25 13:31	1
4-Chloroaniline	0.36	U	0.36	0.064	mg/Kg	☼	09/27/25 15:56	09/28/25 13:31	1
4-Chlorophenyl phenyl ether	0.36	U	0.36	0.013	mg/Kg	☼	09/27/25 15:56	09/28/25 13:31	1
4-Methylphenol	0.36	U	0.36	0.023	mg/Kg	☼	09/27/25 15:56	09/28/25 13:31	1
4-Nitroaniline	0.36	U	0.36	0.092	mg/Kg	☼	09/27/25 15:56	09/28/25 13:31	1
4-Nitrophenol	0.74	U	0.74	0.059	mg/Kg	☼	09/27/25 15:56	09/28/25 13:31	1
Acenaphthene	0.36	U	0.36	0.010	mg/Kg	☼	09/27/25 15:56	09/28/25 13:31	1
Acenaphthylene	**0.015**	**J**	0.36	0.010	mg/Kg	☼	09/27/25 15:56	09/28/25 13:31	1
Acetophenone	0.36	U	0.36	0.018	mg/Kg	☼	09/27/25 15:56	09/28/25 13:31	1
Anthracene	**0.026**	**J**	0.36	0.011	mg/Kg	☼	09/27/25 15:56	09/28/25 13:31	1
Atrazine	0.15	U	0.15	0.021	mg/Kg	☼	09/27/25 15:56	09/28/25 13:31	1
Benzaldehyde	0.36	U	0.36	0.060	mg/Kg	☼	09/27/25 15:56	09/28/25 13:31	1
Benzo[a]anthracene	0.036	U	0.036	0.027	mg/Kg	☼	09/27/25 15:56	09/28/25 13:31	1
Benzo[a]pyrene	**0.026**	**J**	0.036	0.0097	mg/Kg	☼	09/27/25 15:56	09/28/25 13:31	1
Benzo[b]fluoranthene	**0.035**	**J**	0.036	0.0094	mg/Kg	☼	09/27/25 15:56	09/28/25 13:31	1
Benzo[g,h,i]perylene	**0.034**	**J**	0.36	0.011	mg/Kg	☼	09/27/25 15:56	09/28/25 13:31	1
Benzo[k]fluoranthene	**0.012**	**J**	0.036	0.0071	mg/Kg	☼	09/27/25 15:56	09/28/25 13:31	1
Bis(2-chloroethoxy)methane	0.36	U	0.36	0.067	mg/Kg	☼	09/27/25 15:56	09/28/25 13:31	1
Bis(2-chloroethyl)ether	0.036	U	0.036	0.013	mg/Kg	☼	09/27/25 15:56	09/28/25 13:31	1
Bis(2-ethylhexyl) phthalate	0.36	U	0.36	0.019	mg/Kg	☼	09/27/25 15:56	09/28/25 13:31	1
Butyl benzyl phthalate	0.36	U	0.36	0.017	mg/Kg	☼	09/27/25 15:56	09/28/25 13:31	1
Caprolactam	0.36	U	0.36	0.056	mg/Kg	☼	09/27/25 15:56	09/28/25 13:31	1
Carbazole	0.36	U	0.36	0.014	mg/Kg	☼	09/27/25 15:56	09/28/25 13:31	1
Chrysene	**0.022**	**J**	0.36	0.015	mg/Kg	☼	09/27/25 15:56	09/28/25 13:31	1
Dibenz(a,h)anthracene	0.036	U	0.036	0.016	mg/Kg	☼	09/27/25 15:56	09/28/25 13:31	1
Dibenzofuran	0.36	U	0.36	0.012	mg/Kg	☼	09/27/25 15:56	09/28/25 13:31	1

Client Sample ID: 58G_5-10

Date Collected: 09/26/25 09:15
Date Received: 09/26/25 16:20

Lab Sample ID: 460-335806-14

Matrix: Solid
Percent Solids: 90.3

Method: SW846 8270E - Semivolatile Organic Compounds (GC/MS) (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Diethyl phthalate	0.36	U	0.36	0.012	mg/Kg	☼	09/27/25 15:56	09/28/25 13:31	1
Dimethyl phthalate	0.36	U	0.36	0.082	mg/Kg	☼	09/27/25 15:56	09/28/25 13:31	1
Di-n-butyl phthalate	0.36	U	0.36	0.014	mg/Kg	☼	09/27/25 15:56	09/28/25 13:31	1
Di-n-octyl phthalate	0.36	U	0.36	0.019	mg/Kg	☼	09/27/25 15:56	09/28/25 13:31	1
Fluoranthene	**0.038**	**J**	0.36	0.013	mg/Kg	☼	09/27/25 15:56	09/28/25 13:31	1
Fluorene	0.36	U	0.36	0.011	mg/Kg	☼	09/27/25 15:56	09/28/25 13:31	1
Hexachlorobenzene	0.036	U	0.036	0.017	mg/Kg	☼	09/27/25 15:56	09/28/25 13:31	1
Hexachlorobutadiene	0.074	U	0.074	0.0077	mg/Kg	☼	09/27/25 15:56	09/28/25 13:31	1
Hexachlorocyclopentadiene	0.36	U	0.36	0.032	mg/Kg	☼	09/27/25 15:56	09/28/25 13:31	1
Hexachloroethane	0.036	U	0.036	0.012	mg/Kg	☼	09/27/25 15:56	09/28/25 13:31	1
Indeno[1,2,3-cd]pyrene	**0.026**	**J**	0.036	0.014	mg/Kg	☼	09/27/25 15:56	09/28/25 13:31	1
Isophorone	0.15	U	0.15	0.10	mg/Kg	☼	09/27/25 15:56	09/28/25 13:31	1
Naphthalene	0.36	U	0.36	0.0063	mg/Kg	☼	09/27/25 15:56	09/28/25 13:31	1
Nitrobenzene	0.036	U	0.036	0.020	mg/Kg	☼	09/27/25 15:56	09/28/25 13:31	1
N-Nitrosodi-n-propylamine	0.036	U	0.036	0.026	mg/Kg	☼	09/27/25 15:56	09/28/25 13:31	1
N-Nitrosodiphenylamine	0.36	U	0.36	0.030	mg/Kg	☼	09/27/25 15:56	09/28/25 13:31	1
Pentachlorophenol	0.29	U	0.29	0.074	mg/Kg	☼	09/27/25 15:56	09/28/25 13:31	1
Phenanthrene	**0.021**	**J**	0.36	0.015	mg/Kg	☼	09/27/25 15:56	09/28/25 13:31	1
Phenol	0.36	U	0.36	0.013	mg/Kg	☼	09/27/25 15:56	09/28/25 13:31	1
Pyrene	**0.036**	**J**	0.36	0.0090	mg/Kg	☼	09/27/25 15:56	09/28/25 13:31	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
2,4,6-Tribromophenol (Surr)	*56*		*18 - 137*	*09/27/25 15:56*	*09/28/25 13:31*	*1*
2-Fluorobiphenyl	*56*		*33 - 117*	*09/27/25 15:56*	*09/28/25 13:31*	*1*
2-Fluorophenol (Surr)	*55*		*24 - 120*	*09/27/25 15:56*	*09/28/25 13:31*	*1*
Nitrobenzene-d5 (Surr)	*56*		*27 - 120*	*09/27/25 15:56*	*09/28/25 13:31*	*1*
Phenol-d5 (Surr)	*54*		*28 - 118*	*09/27/25 15:56*	*09/28/25 13:31*	*1*
Terphenyl-d14 (Surr)	*64*		*33 - 124*	*09/27/25 15:56*	*09/28/25 13:31*	*1*

Method: SW846 8081B - Organochlorine Pesticides (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
4,4'-DDD	0.0074	U	0.0074	0.0013	mg/Kg	☼	09/27/25 19:17	09/28/25 18:16	1
4,4'-DDE	0.0074	U	0.0074	0.00087	mg/Kg	☼	09/27/25 19:17	09/28/25 18:16	1
4,4'-DDT	0.0074	U	0.0074	0.0014	mg/Kg	☼	09/27/25 19:17	09/28/25 18:16	1
Aldrin	0.0074	U	0.0074	0.0011	mg/Kg	☼	09/27/25 19:17	09/28/25 18:16	1
alpha-BHC	0.0022	U	0.0022	0.00075	mg/Kg	☼	09/27/25 19:17	09/28/25 18:16	1
beta-BHC	0.0022	U	0.0022	0.00083	mg/Kg	☼	09/27/25 19:17	09/28/25 18:16	1
Chlordane (technical)	0.074	U	0.074	0.018	mg/Kg	☼	09/27/25 19:17	09/28/25 18:16	1
cis-Chlordane	0.0074	U	0.0074	0.0012	mg/Kg	☼	09/27/25 19:17	09/28/25 18:16	1
delta-BHC	0.0022	U	0.0022	0.00045	mg/Kg	☼	09/27/25 19:17	09/28/25 18:16	1
Dieldrin	0.0022	U	0.0022	0.00096	mg/Kg	☼	09/27/25 19:17	09/28/25 18:16	1
Endosulfan I	0.0074	U	0.0074	0.0011	mg/Kg	☼	09/27/25 19:17	09/28/25 18:16	1
Endosulfan II	0.0074	U	0.0074	0.0019	mg/Kg	☼	09/27/25 19:17	09/28/25 18:16	1
Endosulfan sulfate	0.0074	U	0.0074	0.00093	mg/Kg	☼	09/27/25 19:17	09/28/25 18:16	1
Endrin	0.0074	U	0.0074	0.0011	mg/Kg	☼	09/27/25 19:17	09/28/25 18:16	1
Endrin aldehyde	0.0074	U	0.0074	0.0017	mg/Kg	☼	09/27/25 19:17	09/28/25 18:16	1
Endrin ketone	0.0074	U	0.0074	0.0014	mg/Kg	☼	09/27/25 19:17	09/28/25 18:16	1
gamma-BHC (Lindane)	0.0022	U	0.0022	0.00069	mg/Kg	☼	09/27/25 19:17	09/28/25 18:16	1
Heptachlor	0.0074	U	0.0074	0.00087	mg/Kg	☼	09/27/25 19:17	09/28/25 18:16	1
Heptachlor epoxide	0.0074	U	0.0074	0.0011	mg/Kg	☼	09/27/25 19:17	09/28/25 18:16	1

Client Sample ID: 58G_5-10
Date Collected: 09/26/25 09:15
Date Received: 09/26/25 16:20

Lab Sample ID: 460-335806-14
Matrix: Solid
Percent Solids: 90.3

Method: SW846 8081B - Organochlorine Pesticides (GC) (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Methoxychlor	0.0074	U	0.0074	0.0017	mg/Kg	☼	09/27/25 19:17	09/28/25 18:16	1
Toxaphene	0.074	U	0.074	0.027	mg/Kg	☼	09/27/25 19:17	09/28/25 18:16	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
DCB Decachlorobiphenyl	*143*		*10 - 150*	*09/27/25 19:17*	*09/28/25 18:16*	*1*
DCB Decachlorobiphenyl	*106*		*10 - 150*	*09/27/25 19:17*	*09/28/25 18:16*	*1*
Tetrachloro-m-xylene	*80*		*14 - 150*	*09/27/25 19:17*	*09/28/25 18:16*	*1*
Tetrachloro-m-xylene	*74*		*14 - 150*	*09/27/25 19:17*	*09/28/25 18:16*	*1*

Method: SW846 8082A - Polychlorinated Biphenyls (PCBs) by Gas Chromatography

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Aroclor 1016	0.074	U	0.074	0.020	mg/Kg	☼	09/27/25 19:15	09/28/25 14:54	1
Aroclor 1221	0.074	U	0.074	0.020	mg/Kg	☼	09/27/25 19:15	09/28/25 14:54	1
Aroclor 1232	0.074	U	0.074	0.020	mg/Kg	☼	09/27/25 19:15	09/28/25 14:54	1
Aroclor 1242	0.074	U	0.074	0.020	mg/Kg	☼	09/27/25 19:15	09/28/25 14:54	1
Aroclor 1248	0.074	U	0.074	0.020	mg/Kg	☼	09/27/25 19:15	09/28/25 14:54	1
Aroclor 1254	0.074	U	0.074	0.020	mg/Kg	☼	09/27/25 19:15	09/28/25 14:54	1
Aroclor 1260	0.074	U	0.074	0.020	mg/Kg	☼	09/27/25 19:15	09/28/25 14:54	1
Aroclor-1262	0.074	U	0.074	0.020	mg/Kg	☼	09/27/25 19:15	09/28/25 14:54	1
Aroclor 1268	0.074	U	0.074	0.020	mg/Kg	☼	09/27/25 19:15	09/28/25 14:54	1
Polychlorinated biphenyls, Total	0.074	U	0.074	0.020	mg/Kg	☼	09/27/25 19:15	09/28/25 14:54	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
DCB Decachlorobiphenyl	*150*		*10 - 150*	*09/27/25 19:15*	*09/28/25 14:54*	*1*
DCB Decachlorobiphenyl	*130*		*10 - 150*	*09/27/25 19:15*	*09/28/25 14:54*	*1*
Tetrachloro-m-xylene	*89*		*10 - 150*	*09/27/25 19:15*	*09/28/25 14:54*	*1*
Tetrachloro-m-xylene	*93*		*10 - 150*	*09/27/25 19:15*	*09/28/25 14:54*	*1*

Method: EPA 1633A - Per- and Polyfluoroalkyl Substances by LC/MS/MS, 1633A

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Perfluorobutanoic acid (PFBA)	0.39	U	0.39	0.097	ug/Kg	☼	10/04/25 05:49	10/06/25 02:10	1
Perfluoropentanoic acid (PFPeA)	0.19	U	0.19	0.097	ug/Kg	☼	10/04/25 05:49	10/06/25 02:10	1
Perfluorohexanoic acid (PFHxA)	0.19	U	0.19	0.097	ug/Kg	☼	10/04/25 05:49	10/06/25 02:10	1
Perfluoroheptanoic acid (PFHpA)	0.19	U	0.19	0.097	ug/Kg	☼	10/04/25 05:49	10/06/25 02:10	1
Perfluorooctanoic acid (PFOA)	**0.075**	**J**	0.19	0.058	ug/Kg	☼	10/04/25 05:49	10/06/25 02:10	1
Perfluorononanoic acid (PFNA)	**0.43**		0.19	0.097	ug/Kg	☼	10/04/25 05:49	10/06/25 02:10	1
Perfluorodecanoic acid (PFDA)	**0.18**	**J**	0.19	0.058	ug/Kg	☼	10/04/25 05:49	10/06/25 02:10	1
Perfluoroundecanoic acid (PFUnA)	**1.74**		0.19	0.097	ug/Kg	☼	10/04/25 05:49	10/06/25 02:10	1
Perfluorododecanoic acid (PFDoA)	**0.19**		0.19	0.097	ug/Kg	☼	10/04/25 05:49	10/06/25 02:10	1
Perfluorotridecanoic acid (PFTrDA)	**1.29**		0.19	0.097	ug/Kg	☼	10/04/25 05:49	10/06/25 02:10	1
Perfluorotetradecanoic acid (PFTeDA)	0.19	U	0.19	0.097	ug/Kg	☼	10/04/25 05:49	10/06/25 02:10	1
Perfluorobutanesulfonic acid (PFBS)	0.19	U	0.19	0.097	ug/Kg	☼	10/04/25 05:49	10/06/25 02:10	1
Perfluoropentanesulfonic acid (PFPeS)	0.19	U	0.19	0.097	ug/Kg	☼	10/04/25 05:49	10/06/25 02:10	1
Perfluorohexanesulfonic acid (PFHxS)	0.19	U	0.19	0.097	ug/Kg	☼	10/04/25 05:49	10/06/25 02:10	1
Perfluoroheptanesulfonic acid (PFHpS)	0.19	U	0.19	0.097	ug/Kg	☼	10/04/25 05:49	10/06/25 02:10	1
Perfluorooctanesulfonic acid (PFOS)	**0.16**	**J**	0.19	0.097	ug/Kg	☼	10/04/25 05:49	10/06/25 02:10	1

Client Sample ID: 58G_5-10
Date Collected: 09/26/25 09:15
Date Received: 09/26/25 16:20

Lab Sample ID: 460-335806-14
Matrix: Solid
Percent Solids: 90.3

Method: EPA 1633A - Per- and Polyfluoroalkyl Substances by LC/MS/MS, 1633A (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Perfluorononanesulfonic acid (PFNS)	0.19	U	0.19	0.097	ug/Kg	☼	10/04/25 05:49	10/06/25 02:10	1
Perfluorodecanesulfonic acid (PFDS)	0.19	U *	0.19	0.097	ug/Kg	☼	10/04/25 05:49	10/06/25 02:10	1
Perfluorododecanesulfonic acid (PFDoS)	0.19	U *	0.19	0.097	ug/Kg	☼	10/04/25 05:49	10/06/25 02:10	1
1H,1H,2H,2H-Perfluorohexane sulfonic acid (4:2 FTS)	0.39	U	0.39	0.19	ug/Kg	☼	10/04/25 05:49	10/06/25 02:10	1
1H,1H,2H,2H-Perfluorooctane sulfonic acid (6:2 FTS)	0.39	U	0.39	0.19	ug/Kg	☼	10/04/25 05:49	10/06/25 02:10	1
1H,1H,2H,2H-Perfluorodecane sulfonic acid (8:2 FTS)	0.39	U	0.39	0.19	ug/Kg	☼	10/04/25 05:49	10/06/25 02:10	1
Perfluorooctanesulfonamide (PFOSA)	0.19	U	0.19	0.097	ug/Kg	☼	10/04/25 05:49	10/06/25 02:10	1
N-methylperfluorooctane sulfonamide (NMeFOSA)	0.19	U	0.19	0.097	ug/Kg	☼	10/04/25 05:49	10/06/25 02:10	1
N-ethylperfluorooctane sulfonamide (NEtFOSA)	0.19	U	0.19	0.097	ug/Kg	☼	10/04/25 05:49	10/06/25 02:10	1
N-methylperfluorooctanesulfonamidoacetic acid (NMeFOSAA)	0.19	U	0.19	0.097	ug/Kg	☼	10/04/25 05:49	10/06/25 02:10	1
N-ethylperfluorooctanesulfonamidoacetic acid (NEtFOSAA)	0.19	U	0.19	0.097	ug/Kg	☼	10/04/25 05:49	10/06/25 02:10	1
N-methylperfluorooctane sulfonamidoethanol (NMeFOSE)	0.97	U	0.97	0.49	ug/Kg	☼	10/04/25 05:49	10/06/25 02:10	1
N-ethylperfluorooctane sulfonamidoethanol (NEtFOSE)	0.97	U	0.97	0.49	ug/Kg	☼	10/04/25 05:49	10/06/25 02:10	1
Hexafluoropropylene Oxide Dimer Acid (HFPO-DA)	0.19	U	0.19	0.097	ug/Kg	☼	10/04/25 05:49	10/06/25 02:10	1
4,8-Dioxa-3H-perfluorononanoic acid (ADONA)	0.19	U	0.19	0.097	ug/Kg	☼	10/04/25 05:49	10/06/25 02:10	1
Perfluoro-3-methoxypropanoic acid (PFMPA)	0.19	U	0.19	0.097	ug/Kg	☼	10/04/25 05:49	10/06/25 02:10	1
Perfluoro-4-methoxybutanoic acid (PFMBA)	0.19	U	0.19	0.097	ug/Kg	☼	10/04/25 05:49	10/06/25 02:10	1
Nonafluoro-3,6-dioxaheptanoic acid (NFDHA)	0.19	U	0.19	0.097	ug/Kg	☼	10/04/25 05:49	10/06/25 02:10	1
9-Chlorohexadecafluoro-3-oxanonane-1-sulfonic acid (9Cl-PF3ONS)	0.19	U	0.19	0.097	ug/Kg	☼	10/04/25 05:49	10/06/25 02:10	1
11-Chloroeicosafluoro-3-oxaundecane-1-sulfonic acid (11Cl-PF3OUdS)	0.19	U *	0.19	0.097	ug/Kg	☼	10/04/25 05:49	10/06/25 02:10	1
Perfluoro (2-ethoxyethane) sulfonic acid (PFEESA)	0.19	U	0.19	0.097	ug/Kg	☼	10/04/25 05:49	10/06/25 02:10	1
3-Perfluoropropylpropanoic acid (3:3 FTCA)	0.39	U	0.39	0.19	ug/Kg	☼	10/04/25 05:49	10/06/25 02:10	1
3-Perfluoropentylpropanoic acid (5:3 FTCA)	0.97	U	0.97	0.49	ug/Kg	☼	10/04/25 05:49	10/06/25 02:10	1
3-Perfluoroheptylpropanoic acid (7:3 FTCA)	0.97	U	0.97	0.49	ug/Kg	☼	10/04/25 05:49	10/06/25 02:10	1

Isotope Dilution	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
13C4 PFBA	*107*		*8 - 130*	*10/04/25 05:49*	*10/06/25 02:10*	*1*
13C5 PFPeA	*100*		*35 - 130*	*10/04/25 05:49*	*10/06/25 02:10*	*1*
13C5 PFHxA	*102*		*40 - 130*	*10/04/25 05:49*	*10/06/25 02:10*	*1*
13C4 PFHpA	*102*		*40 - 130*	*10/04/25 05:49*	*10/06/25 02:10*	*1*
13C8 PFOA	*97.9*		*40 - 130*	*10/04/25 05:49*	*10/06/25 02:10*	*1*
13C9 PFNA	*93.1*		*40 - 130*	*10/04/25 05:49*	*10/06/25 02:10*	*1*
13C6 PFDA	*94.3*		*40 - 130*	*10/04/25 05:49*	*10/06/25 02:10*	*1*
13C7 PFUnA	*96.3*		*40 - 130*	*10/04/25 05:49*	*10/06/25 02:10*	*1*

Client Sample ID: 58G_5-10

Date Collected: 09/26/25 09:15
Date Received: 09/26/25 16:20

Lab Sample ID: 460-335806-14

Matrix: Solid
Percent Solids: 90.3

Method: EPA 1633A - Per- and Polyfluoroalkyl Substances by LC/MS/MS, 1633A (Continued)

Isotope Dilution	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
13C2 PFTeDA	77.8		20 - 130	10/04/25 05:49	10/06/25 02:10	1
13C3 PFBS	108		40 - 135	10/04/25 05:49	10/06/25 02:10	1
13C3 PFHxS	90.5		40 - 130	10/04/25 05:49	10/06/25 02:10	1
13C8 PFOS	95.3		40 - 130	10/04/25 05:49	10/06/25 02:10	1
13C8 FOSA	86.8		40 - 130	10/04/25 05:49	10/06/25 02:10	1
d3-NMeFOSAA	78.4		40 - 135	10/04/25 05:49	10/06/25 02:10	1
d5-NEtFOSAA	102		40 - 150	10/04/25 05:49	10/06/25 02:10	1
13C2 4:2 FTS	128		40 - 165	10/04/25 05:49	10/06/25 02:10	1
13C2 6:2 FTS	114		40 - 215	10/04/25 05:49	10/06/25 02:10	1
13C2 8:2 FTS	90.3		40 - 275	10/04/25 05:49	10/06/25 02:10	1
13C3 HFPO-DA	105		40 - 130	10/04/25 05:49	10/06/25 02:10	1
d7-N-MeFOSE-M	57.5		20 - 130	10/04/25 05:49	10/06/25 02:10	1
d9-N-EtFOSE-M	43.3		15 - 130	10/04/25 05:49	10/06/25 02:10	1
d5-NEtPFOSA	71.5		10 - 130	10/04/25 05:49	10/06/25 02:10	1
d3-NMePFOSA	79.4		10 - 130	10/04/25 05:49	10/06/25 02:10	1
13C2 PFDoA	85.4		40 - 130	10/04/25 05:49	10/06/25 02:10	1

Method: SW846 6020B - Metals (ICP/MS)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Aluminum	6330		20.1	5.5	mg/Kg	☼	10/03/25 07:27	10/03/25 22:28	1
Antimony	0.55	J	1.0	0.15	mg/Kg	☼	10/03/25 07:27	10/03/25 22:28	1
Arsenic	6.4		1.0	0.10	mg/Kg	☼	10/03/25 07:27	10/03/25 22:28	1
Barium	52.7		2.0	0.15	mg/Kg	☼	10/03/25 07:27	10/03/25 22:28	1
Beryllium	0.70		0.40	0.022	mg/Kg	☼	10/03/25 07:27	10/03/25 22:28	1
Cadmium	0.26	J	1.0	0.11	mg/Kg	☼	10/03/25 07:27	10/03/25 22:28	1
Calcium	2420		101	9.8	mg/Kg	☼	10/03/25 07:27	10/03/25 22:28	1
Chromium	18.6		2.0	0.30	mg/Kg	☼	10/03/25 07:27	10/03/25 22:28	1
Cobalt	7.4		1.0	0.15	mg/Kg	☼	10/03/25 07:27	10/03/25 22:28	1
Copper	56.6		2.0	0.37	mg/Kg	☼	10/03/25 07:27	10/03/25 22:28	1
Iron	19000		60.4	7.7	mg/Kg	☼	10/03/25 07:27	10/03/25 22:28	1
Lead	201		0.60	0.20	mg/Kg	☼	10/03/25 07:27	10/03/25 22:28	1
Magnesium	2320		101	10.3	mg/Kg	☼	10/03/25 07:27	10/03/25 22:28	1
Manganese	196		4.0	0.41	mg/Kg	☼	10/03/25 07:27	10/03/25 22:28	1
Nickel	25.4		2.0	0.18	mg/Kg	☼	10/03/25 07:27	10/03/25 22:28	1
Potassium	854		101	16.3	mg/Kg	☼	10/03/25 07:27	10/03/25 22:28	1
Selenium	0.27	J	1.3	0.13	mg/Kg	☼	10/03/25 07:27	10/03/25 22:28	1
Silver	0.18	J	0.40	0.090	mg/Kg	☼	10/03/25 07:27	10/03/25 22:28	1
Sodium	87.3	J	101	46.0	mg/Kg	☼	10/03/25 07:27	10/03/25 22:28	1
Thallium	0.11	J	0.40	0.041	mg/Kg	☼	10/03/25 07:27	10/03/25 22:28	1
Vanadium	21.1		2.0	0.21	mg/Kg	☼	10/03/25 07:27	10/03/25 22:28	1
Zinc	139		8.1	1.1	mg/Kg	☼	10/03/25 07:27	10/03/25 22:28	1

Method: SW846 7471B - Mercury (CVAA)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	0.039		0.017	0.0078	mg/Kg	☼	10/03/25 02:15	10/03/25 10:58	1

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Percent Moisture (EPA Moisture)	9.7		1.0	1.0	%			10/01/25 18:45	1
Percent Solids (EPA Moisture)	90.3		1.0	1.0	%			10/01/25 18:45	1

Client: Haley & Aldrich, Inc.
Project/Site: Former Port Mobil

Job ID: 460-335806-1

Client Sample ID: 58H_0-5
Date Collected: 09/26/25 09:20
Date Received: 09/26/25 16:20

Lab Sample ID: 460-335806-15
Matrix: Solid
Percent Solids: 92.4

Method: SW846 8270E - Semivolatile Organic Compounds (GC/MS)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1'-Biphenyl	0.35	U	0.35	0.012	mg/Kg	☼	09/27/25 15:56	09/28/25 13:55	1
1,2,4,5-Tetrachlorobenzene	0.35	U	0.35	0.011	mg/Kg	☼	09/27/25 15:56	09/28/25 13:55	1
1,4-Dioxane	0.035	U	0.035	0.031	mg/Kg	☼	09/27/25 15:56	09/28/25 13:55	1
2,2'-oxybis[1-chloropropane]	0.35	U	0.35	0.021	mg/Kg	☼	09/27/25 15:56	09/28/25 13:55	1
2,3,4,6-Tetrachlorophenol	0.35	U	0.35	0.024	mg/Kg	☼	09/27/25 15:56	09/28/25 13:55	1
2,4,5-Trichlorophenol	0.35	U	0.35	0.036	mg/Kg	☼	09/27/25 15:56	09/28/25 13:55	1
2,4,6-Trichlorophenol	0.14	U	0.14	0.045	mg/Kg	☼	09/27/25 15:56	09/28/25 13:55	1
2,4-Dichlorophenol	0.14	U	0.14	0.023	mg/Kg	☼	09/27/25 15:56	09/28/25 13:55	1
2,4-Dimethylphenol	0.35	U	0.35	0.042	mg/Kg	☼	09/27/25 15:56	09/28/25 13:55	1
2,4-Dinitrophenol	0.28	U	0.28	0.17	mg/Kg	☼	09/27/25 15:56	09/28/25 13:55	1
2,4-Dinitrotoluene	0.072	U	0.072	0.038	mg/Kg	☼	09/27/25 15:56	09/28/25 13:55	1
2,6-Dinitrotoluene	0.072	U	0.072	0.026	mg/Kg	☼	09/27/25 15:56	09/28/25 13:55	1
2-Chloronaphthalene	0.35	U	0.35	0.046	mg/Kg	☼	09/27/25 15:56	09/28/25 13:55	1
2-Chlorophenol	0.35	U	0.35	0.013	mg/Kg	☼	09/27/25 15:56	09/28/25 13:55	1
2-Methylnaphthalene	0.35	U	0.35	0.0099	mg/Kg	☼	09/27/25 15:56	09/28/25 13:55	1
2-Methylphenol	0.35	U	0.35	0.013	mg/Kg	☼	09/27/25 15:56	09/28/25 13:55	1
2-Nitroaniline	0.35	U	0.35	0.027	mg/Kg	☼	09/27/25 15:56	09/28/25 13:55	1
2-Nitrophenol	0.35	U	0.35	0.035	mg/Kg	☼	09/27/25 15:56	09/28/25 13:55	1
3 & 4 Methylphenol	0.35	U	0.35	0.022	mg/Kg	☼	09/27/25 15:56	09/28/25 13:55	1
3,3'-Dichlorobenzidine	0.14	U	0.14	0.054	mg/Kg	☼	09/27/25 15:56	09/28/25 13:55	1
3-Nitroaniline	0.35	U	0.35	0.084	mg/Kg	☼	09/27/25 15:56	09/28/25 13:55	1
4,6-Dinitro-2-methylphenol	0.28	U	0.28	0.14	mg/Kg	☼	09/27/25 15:56	09/28/25 13:55	1
4-Bromophenyl phenyl ether	0.35	U	0.35	0.014	mg/Kg	☼	09/27/25 15:56	09/28/25 13:55	1
4-Chloro-3-methylphenol	0.35	U	0.35	0.020	mg/Kg	☼	09/27/25 15:56	09/28/25 13:55	1
4-Chloroaniline	0.35	U	0.35	0.063	mg/Kg	☼	09/27/25 15:56	09/28/25 13:55	1
4-Chlorophenyl phenyl ether	0.35	U	0.35	0.013	mg/Kg	☼	09/27/25 15:56	09/28/25 13:55	1
4-Methylphenol	0.35	U	0.35	0.022	mg/Kg	☼	09/27/25 15:56	09/28/25 13:55	1
4-Nitroaniline	0.35	U	0.35	0.090	mg/Kg	☼	09/27/25 15:56	09/28/25 13:55	1
4-Nitrophenol	0.72	U	0.72	0.058	mg/Kg	☼	09/27/25 15:56	09/28/25 13:55	1
Acenaphthene	0.35	U	0.35	0.010	mg/Kg	☼	09/27/25 15:56	09/28/25 13:55	1
Acenaphthylene	0.35	U	0.35	0.010	mg/Kg	☼	09/27/25 15:56	09/28/25 13:55	1
Acetophenone	0.35	U	0.35	0.017	mg/Kg	☼	09/27/25 15:56	09/28/25 13:55	1
Anthracene	0.35	U	0.35	0.011	mg/Kg	☼	09/27/25 15:56	09/28/25 13:55	1
Atrazine	0.14	U	0.14	0.021	mg/Kg	☼	09/27/25 15:56	09/28/25 13:55	1
Benzaldehyde	0.35	U	0.35	0.059	mg/Kg	☼	09/27/25 15:56	09/28/25 13:55	1
Benzo[a]anthracene	0.035	U	0.035	0.027	mg/Kg	☼	09/27/25 15:56	09/28/25 13:55	1
Benzo[a]pyrene	0.035	U	0.035	0.0094	mg/Kg	☼	09/27/25 15:56	09/28/25 13:55	1
Benzo[b]fluoranthene	0.035	U	0.035	0.0092	mg/Kg	☼	09/27/25 15:56	09/28/25 13:55	1
Benzo[g,h,i]perylene	0.35	U	0.35	0.010	mg/Kg	☼	09/27/25 15:56	09/28/25 13:55	1
Benzo[k]fluoranthene	0.035	U	0.035	0.0069	mg/Kg	☼	09/27/25 15:56	09/28/25 13:55	1
Bis(2-chloroethoxy)methane	0.35	U	0.35	0.065	mg/Kg	☼	09/27/25 15:56	09/28/25 13:55	1
Bis(2-chloroethyl)ether	0.035	U	0.035	0.012	mg/Kg	☼	09/27/25 15:56	09/28/25 13:55	1
Bis(2-ethylhexyl) phthalate	0.35	U	0.35	0.019	mg/Kg	☼	09/27/25 15:56	09/28/25 13:55	1
Butyl benzyl phthalate	0.35	U	0.35	0.017	mg/Kg	☼	09/27/25 15:56	09/28/25 13:55	1
Caprolactam	0.35	U	0.35	0.055	mg/Kg	☼	09/27/25 15:56	09/28/25 13:55	1
Carbazole	0.35	U	0.35	0.013	mg/Kg	☼	09/27/25 15:56	09/28/25 13:55	1
Chrysene	0.35	U	0.35	0.015	mg/Kg	☼	09/27/25 15:56	09/28/25 13:55	1
Dibenz(a,h)anthracene	0.035	U	0.035	0.015	mg/Kg	☼	09/27/25 15:56	09/28/25 13:55	1
Dibenzofuran	0.35	U	0.35	0.012	mg/Kg	☼	09/27/25 15:56	09/28/25 13:55	1

Client Sample ID: 58H_0-5
Date Collected: 09/26/25 09:20
Date Received: 09/26/25 16:20

Lab Sample ID: 460-335806-15
Matrix: Solid
Percent Solids: 92.4

Method: SW846 8270E - Semivolatile Organic Compounds (GC/MS) (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Diethyl phthalate	0.35	U	0.35	0.011	mg/Kg	☼	09/27/25 15:56	09/28/25 13:55	1
Dimethyl phthalate	0.35	U	0.35	0.080	mg/Kg	☼	09/27/25 15:56	09/28/25 13:55	1
Di-n-butyl phthalate	0.35	U	0.35	0.013	mg/Kg	☼	09/27/25 15:56	09/28/25 13:55	1
Di-n-octyl phthalate	0.35	U	0.35	0.019	mg/Kg	☼	09/27/25 15:56	09/28/25 13:55	1
Fluoranthene	0.35	U	0.35	0.012	mg/Kg	☼	09/27/25 15:56	09/28/25 13:55	1
Fluorene	0.35	U	0.35	0.010	mg/Kg	☼	09/27/25 15:56	09/28/25 13:55	1
Hexachlorobenzene	0.035	U	0.035	0.017	mg/Kg	☼	09/27/25 15:56	09/28/25 13:55	1
Hexachlorobutadiene	0.072	U	0.072	0.0075	mg/Kg	☼	09/27/25 15:56	09/28/25 13:55	1
Hexachlorocyclopentadiene	0.35	U	0.35	0.031	mg/Kg	☼	09/27/25 15:56	09/28/25 13:55	1
Hexachloroethane	0.035	U	0.035	0.012	mg/Kg	☼	09/27/25 15:56	09/28/25 13:55	1
Indeno[1,2,3-cd]pyrene	0.035	U	0.035	0.014	mg/Kg	☼	09/27/25 15:56	09/28/25 13:55	1
Isophorone	0.14	U	0.14	0.10	mg/Kg	☼	09/27/25 15:56	09/28/25 13:55	1
Naphthalene	0.35	U	0.35	0.0061	mg/Kg	☼	09/27/25 15:56	09/28/25 13:55	1
Nitrobenzene	0.035	U	0.035	0.020	mg/Kg	☼	09/27/25 15:56	09/28/25 13:55	1
N-Nitrosodi-n-propylamine	0.035	U	0.035	0.026	mg/Kg	☼	09/27/25 15:56	09/28/25 13:55	1
N-Nitrosodiphenylamine	0.35	U	0.35	0.029	mg/Kg	☼	09/27/25 15:56	09/28/25 13:55	1
Pentachlorophenol	0.28	U	0.28	0.073	mg/Kg	☼	09/27/25 15:56	09/28/25 13:55	1
Phenanthrene	0.35	U	0.35	0.014	mg/Kg	☼	09/27/25 15:56	09/28/25 13:55	1
Phenol	0.35	U	0.35	0.013	mg/Kg	☼	09/27/25 15:56	09/28/25 13:55	1
Pyrene	0.35	U	0.35	0.0088	mg/Kg	☼	09/27/25 15:56	09/28/25 13:55	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
2,4,6-Tribromophenol (Surr)	*56*		*18 - 137*	*09/27/25 15:56*	*09/28/25 13:55*	*1*
2-Fluorobiphenyl	*53*		*33 - 117*	*09/27/25 15:56*	*09/28/25 13:55*	*1*
2-Fluorophenol (Surr)	*50*		*24 - 120*	*09/27/25 15:56*	*09/28/25 13:55*	*1*
Nitrobenzene-d5 (Surr)	*52*		*27 - 120*	*09/27/25 15:56*	*09/28/25 13:55*	*1*
Phenol-d5 (Surr)	*50*		*28 - 118*	*09/27/25 15:56*	*09/28/25 13:55*	*1*
Terphenyl-d14 (Surr)	*63*		*33 - 124*	*09/27/25 15:56*	*09/28/25 13:55*	*1*

Method: SW846 8081B - Organochlorine Pesticides (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
4,4'-DDD	0.0073	U	0.0073	0.0012	mg/Kg	☼	09/27/25 19:17	09/28/25 18:29	1
4,4'-DDE	0.0073	U	0.0073	0.00085	mg/Kg	☼	09/27/25 19:17	09/28/25 18:29	1
4,4'-DDT	0.0073	U	0.0073	0.0013	mg/Kg	☼	09/27/25 19:17	09/28/25 18:29	1
Aldrin	0.0073	U	0.0073	0.0011	mg/Kg	☼	09/27/25 19:17	09/28/25 18:29	1
alpha-BHC	0.0022	U	0.0022	0.00074	mg/Kg	☼	09/27/25 19:17	09/28/25 18:29	1
beta-BHC	0.0022	U	0.0022	0.00081	mg/Kg	☼	09/27/25 19:17	09/28/25 18:29	1
Chlordane (technical)	0.073	U	0.073	0.018	mg/Kg	☼	09/27/25 19:17	09/28/25 18:29	1
cis-Chlordane	0.0073	U	0.0073	0.0011	mg/Kg	☼	09/27/25 19:17	09/28/25 18:29	1
delta-BHC	0.0022	U	0.0022	0.00044	mg/Kg	☼	09/27/25 19:17	09/28/25 18:29	1
Dieldrin	0.0022	U	0.0022	0.00094	mg/Kg	☼	09/27/25 19:17	09/28/25 18:29	1
Endosulfan I	0.0073	U	0.0073	0.0011	mg/Kg	☼	09/27/25 19:17	09/28/25 18:29	1
Endosulfan II	0.0073	U	0.0073	0.0019	mg/Kg	☼	09/27/25 19:17	09/28/25 18:29	1
Endosulfan sulfate	0.0073	U	0.0073	0.00091	mg/Kg	☼	09/27/25 19:17	09/28/25 18:29	1
Endrin	0.0073	U	0.0073	0.0010	mg/Kg	☼	09/27/25 19:17	09/28/25 18:29	1
Endrin aldehyde	0.0073	U	0.0073	0.0017	mg/Kg	☼	09/27/25 19:17	09/28/25 18:29	1
Endrin ketone	0.0073	U	0.0073	0.0014	mg/Kg	☼	09/27/25 19:17	09/28/25 18:29	1
gamma-BHC (Lindane)	0.0022	U	0.0022	0.00067	mg/Kg	☼	09/27/25 19:17	09/28/25 18:29	1
Heptachlor	0.0073	U	0.0073	0.00085	mg/Kg	☼	09/27/25 19:17	09/28/25 18:29	1
Heptachlor epoxide	0.0073	U	0.0073	0.0011	mg/Kg	☼	09/27/25 19:17	09/28/25 18:29	1

Client Sample ID: 58H_0-5
Date Collected: 09/26/25 09:20
Date Received: 09/26/25 16:20

Lab Sample ID: 460-335806-15
Matrix: Solid
Percent Solids: 92.4

Method: SW846 8081B - Organochlorine Pesticides (GC) (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Methoxychlor	0.0073	U	0.0073	0.0017	mg/Kg	☼	09/27/25 19:17	09/28/25 18:29	1
Toxaphene	0.073	U	0.073	0.026	mg/Kg	☼	09/27/25 19:17	09/28/25 18:29	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
DCB Decachlorobiphenyl	*115*		*10 - 150*	*09/27/25 19:17*	*09/28/25 18:29*	*1*
DCB Decachlorobiphenyl	*120*		*10 - 150*	*09/27/25 19:17*	*09/28/25 18:29*	*1*
Tetrachloro-m-xylene	*88*		*14 - 150*	*09/27/25 19:17*	*09/28/25 18:29*	*1*
Tetrachloro-m-xylene	*89*		*14 - 150*	*09/27/25 19:17*	*09/28/25 18:29*	*1*

Method: SW846 8082A - Polychlorinated Biphenyls (PCBs) by Gas Chromatography

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Aroclor 1016	0.073	U	0.073	0.019	mg/Kg	☼	09/27/25 19:15	09/28/25 15:16	1
Aroclor 1221	0.073	U	0.073	0.019	mg/Kg	☼	09/27/25 19:15	09/28/25 15:16	1
Aroclor 1232	0.073	U	0.073	0.019	mg/Kg	☼	09/27/25 19:15	09/28/25 15:16	1
Aroclor 1242	0.073	U	0.073	0.019	mg/Kg	☼	09/27/25 19:15	09/28/25 15:16	1
Aroclor 1248	0.073	U	0.073	0.019	mg/Kg	☼	09/27/25 19:15	09/28/25 15:16	1
Aroclor 1254	0.073	U	0.073	0.019	mg/Kg	☼	09/27/25 19:15	09/28/25 15:16	1
Aroclor 1260	0.073	U	0.073	0.019	mg/Kg	☼	09/27/25 19:15	09/28/25 15:16	1
Aroclor-1262	0.073	U	0.073	0.019	mg/Kg	☼	09/27/25 19:15	09/28/25 15:16	1
Aroclor 1268	0.073	U	0.073	0.019	mg/Kg	☼	09/27/25 19:15	09/28/25 15:16	1
Polychlorinated biphenyls, Total	0.073	U	0.073	0.019	mg/Kg	☼	09/27/25 19:15	09/28/25 15:16	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
DCB Decachlorobiphenyl	*142*		*10 - 150*	*09/27/25 19:15*	*09/28/25 15:16*	*1*
DCB Decachlorobiphenyl	*151*	*	*10 - 150*	*09/27/25 19:15*	*09/28/25 15:16*	*1*
Tetrachloro-m-xylene	*108*		*10 - 150*	*09/27/25 19:15*	*09/28/25 15:16*	*1*
Tetrachloro-m-xylene	*107*		*10 - 150*	*09/27/25 19:15*	*09/28/25 15:16*	*1*

Method: EPA 1633A - Per- and Polyfluoroalkyl Substances by LC/MS/MS, 1633A

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Perfluorobutanoic acid (PFBA)	0.39	U	0.39	0.098	ug/Kg	☼	10/04/25 05:49	10/06/25 02:24	1
Perfluoropentanoic acid (PFPeA)	0.20	U	0.20	0.098	ug/Kg	☼	10/04/25 05:49	10/06/25 02:24	1
Perfluorohexanoic acid (PFHxA)	0.20	U	0.20	0.098	ug/Kg	☼	10/04/25 05:49	10/06/25 02:24	1
Perfluoroheptanoic acid (PFHpA)	0.20	U	0.20	0.098	ug/Kg	☼	10/04/25 05:49	10/06/25 02:24	1
Perfluorooctanoic acid (PFOA)	0.12	U	0.12	0.12	ug/Kg	☼	10/04/25 05:49	10/06/25 02:24	1
Perfluorononanoic acid (PFNA)	**0.23**		0.20	0.098	ug/Kg	☼	10/04/25 05:49	10/06/25 02:24	1
Perfluorodecanoic acid (PFDA)	**0.22**		0.20	0.059	ug/Kg	☼	10/04/25 05:49	10/06/25 02:24	1
Perfluoroundecanoic acid (PFUnA)	**3.25**		0.20	0.098	ug/Kg	☼	10/04/25 05:49	10/06/25 02:24	1
Perfluorododecanoic acid (PFDoA)	**0.23**		0.20	0.098	ug/Kg	☼	10/04/25 05:49	10/06/25 02:24	1
Perfluorotridecanoic acid (PFTrDA)	**1.99**		0.20	0.098	ug/Kg	☼	10/04/25 05:49	10/06/25 02:24	1
Perfluorotetradecanoic acid (PFTeDA)	0.20	U	0.20	0.098	ug/Kg	☼	10/04/25 05:49	10/06/25 02:24	1
Perfluorobutanesulfonic acid (PFBS)	0.20	U	0.20	0.098	ug/Kg	☼	10/04/25 05:49	10/06/25 02:24	1
Perfluoropentanesulfonic acid (PFPeS)	0.20	U	0.20	0.098	ug/Kg	☼	10/04/25 05:49	10/06/25 02:24	1
Perfluorohexanesulfonic acid (PFHxS)	0.20	U	0.20	0.098	ug/Kg	☼	10/04/25 05:49	10/06/25 02:24	1
Perfluoroheptanesulfonic acid (PFHpS)	0.20	U	0.20	0.098	ug/Kg	☼	10/04/25 05:49	10/06/25 02:24	1
Perfluorooctanesulfonic acid (PFOS)	0.20	U	0.20	0.098	ug/Kg	☼	10/04/25 05:49	10/06/25 02:24	1
Perfluorononanesulfonic acid (PFNS)	0.20	U	0.20	0.098	ug/Kg	☼	10/04/25 05:49	10/06/25 02:24	1

Client Sample ID: 58H_0-5
Date Collected: 09/26/25 09:20
Date Received: 09/26/25 16:20

Lab Sample ID: 460-335806-15
Matrix: Solid
Percent Solids: 92.4

Method: EPA 1633A - Per- and Polyfluoroalkyl Substances by LC/MS/MS, 1633A (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Perfluorodecanesulfonic acid (PFDS)	0.20	U *	0.20	0.098	ug/Kg	☼	10/04/25 05:49	10/06/25 02:24	1
Perfluorododecanesulfonic acid (PFDoS)	0.20	U *	0.20	0.098	ug/Kg	☼	10/04/25 05:49	10/06/25 02:24	1
1H,1H,2H,2H-Perfluorohexane sulfonic acid (4:2 FTS)	0.39	U	0.39	0.20	ug/Kg	☼	10/04/25 05:49	10/06/25 02:24	1
1H,1H,2H,2H-Perfluorooctane sulfonic acid (6:2 FTS)	0.39	U	0.39	0.20	ug/Kg	☼	10/04/25 05:49	10/06/25 02:24	1
1H,1H,2H,2H-Perfluorodecane sulfonic acid (8:2 FTS)	0.39	U	0.39	0.20	ug/Kg	☼	10/04/25 05:49	10/06/25 02:24	1
Perfluorooctanesulfonamide (PFOSA)	0.20	U	0.20	0.098	ug/Kg	☼	10/04/25 05:49	10/06/25 02:24	1
N-methylperfluorooctane sulfonamide (NMeFOSA)	0.20	U	0.20	0.098	ug/Kg	☼	10/04/25 05:49	10/06/25 02:24	1
N-ethylperfluorooctane sulfonamide (NEtFOSA)	0.20	U	0.20	0.098	ug/Kg	☼	10/04/25 05:49	10/06/25 02:24	1
N-methylperfluorooctanesulfonamidoacetic acid (NMeFOSAA)	0.20	U	0.20	0.098	ug/Kg	☼	10/04/25 05:49	10/06/25 02:24	1
N-ethylperfluorooctanesulfonamidoacetic acid (NEtFOSAA)	0.20	U	0.20	0.098	ug/Kg	☼	10/04/25 05:49	10/06/25 02:24	1
N-methylperfluorooctane sulfonamidoethanol (NMeFOSE)	0.98	U	0.98	0.49	ug/Kg	☼	10/04/25 05:49	10/06/25 02:24	1
N-ethylperfluorooctane sulfonamidoethanol (NEtFOSE)	0.98	U	0.98	0.49	ug/Kg	☼	10/04/25 05:49	10/06/25 02:24	1
Hexafluoropropylene Oxide Dimer Acid (HFPO-DA)	0.20	U	0.20	0.098	ug/Kg	☼	10/04/25 05:49	10/06/25 02:24	1
4,8-Dioxa-3H-perfluorononanoic acid (ADONA)	0.20	U	0.20	0.098	ug/Kg	☼	10/04/25 05:49	10/06/25 02:24	1
Perfluoro-3-methoxypropanoic acid (PFMPA)	0.20	U	0.20	0.098	ug/Kg	☼	10/04/25 05:49	10/06/25 02:24	1
Perfluoro-4-methoxybutanoic acid (PFMBA)	0.20	U	0.20	0.098	ug/Kg	☼	10/04/25 05:49	10/06/25 02:24	1
Nonafluoro-3,6-dioxaheptanoic acid (NFDHA)	0.20	U	0.20	0.098	ug/Kg	☼	10/04/25 05:49	10/06/25 02:24	1
9-Chlorohexadecafluoro-3-oxanonane-1-sulfonic acid (9Cl-PF3ONS)	0.20	U	0.20	0.098	ug/Kg	☼	10/04/25 05:49	10/06/25 02:24	1
11-Chloroeicosafluoro-3-oxaundecane-1-sulfonic acid (11Cl-PF3OUdS)	0.20	U *	0.20	0.098	ug/Kg	☼	10/04/25 05:49	10/06/25 02:24	1
Perfluoro (2-ethoxyethane) sulfonic acid (PFEESA)	0.20	U	0.20	0.098	ug/Kg	☼	10/04/25 05:49	10/06/25 02:24	1
3-Perfluoropropylpropanoic acid (3:3 FTCA)	0.39	U	0.39	0.20	ug/Kg	☼	10/04/25 05:49	10/06/25 02:24	1
3-Perfluoropentylpropanoic acid (5:3 FTCA)	0.98	U	0.98	0.49	ug/Kg	☼	10/04/25 05:49	10/06/25 02:24	1
3-Perfluoroheptylpropanoic acid (7:3 FTCA)	0.98	U	0.98	0.49	ug/Kg	☼	10/04/25 05:49	10/06/25 02:24	1

Isotope Dilution	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
13C4 PFBA	*110*		*8 - 130*	*10/04/25 05:49*	*10/06/25 02:24*	*1*
13C5 PFPeA	*105*		*35 - 130*	*10/04/25 05:49*	*10/06/25 02:24*	*1*
13C5 PFHxA	*104*		*40 - 130*	*10/04/25 05:49*	*10/06/25 02:24*	*1*
13C4 PFHpA	*103*		*40 - 130*	*10/04/25 05:49*	*10/06/25 02:24*	*1*
13C8 PFOA	*100*		*40 - 130*	*10/04/25 05:49*	*10/06/25 02:24*	*1*
13C9 PFNA	*95.7*		*40 - 130*	*10/04/25 05:49*	*10/06/25 02:24*	*1*
13C6 PFDA	*91.1*		*40 - 130*	*10/04/25 05:49*	*10/06/25 02:24*	*1*
13C7 PFUnA	*94.8*		*40 - 130*	*10/04/25 05:49*	*10/06/25 02:24*	*1*
13C2 PFTeDA	*68.7*		*20 - 130*	*10/04/25 05:49*	*10/06/25 02:24*	*1*

Client Sample ID: 58H_0-5

Date Collected: 09/26/25 09:20
Date Received: 09/26/25 16:20

Lab Sample ID: 460-335806-15

Matrix: Solid
Percent Solids: 92.4

Method: EPA 1633A - Per- and Polyfluoroalkyl Substances by LC/MS/MS, 1633A (Continued)

Isotope Dilution	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
13C3 PFBS	108		40 - 135	10/04/25 05:49	10/06/25 02:24	1
13C3 PFHxS	94.5		40 - 130	10/04/25 05:49	10/06/25 02:24	1
13C8 PFOS	92.3		40 - 130	10/04/25 05:49	10/06/25 02:24	1
13C8 FOSA	85.4		40 - 130	10/04/25 05:49	10/06/25 02:24	1
d3-NMeFOSAA	74.7		40 - 135	10/04/25 05:49	10/06/25 02:24	1
d5-NEtFOSAA	94.4		40 - 150	10/04/25 05:49	10/06/25 02:24	1
13C2 4:2 FTS	124		40 - 165	10/04/25 05:49	10/06/25 02:24	1
13C2 6:2 FTS	111		40 - 215	10/04/25 05:49	10/06/25 02:24	1
13C2 8:2 FTS	82.0		40 - 275	10/04/25 05:49	10/06/25 02:24	1
13C3 HFPO-DA	100		40 - 130	10/04/25 05:49	10/06/25 02:24	1
d7-N-MeFOSE-M	54.2		20 - 130	10/04/25 05:49	10/06/25 02:24	1
d9-N-EtFOSE-M	40.7		15 - 130	10/04/25 05:49	10/06/25 02:24	1
d5-NEtPFOSA	69.4		10 - 130	10/04/25 05:49	10/06/25 02:24	1
d3-NMePFOSA	75.9		10 - 130	10/04/25 05:49	10/06/25 02:24	1
13C2 PFDoA	85.9		40 - 130	10/04/25 05:49	10/06/25 02:24	1

Method: SW846 6020B - Metals (ICP/MS)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Aluminum	8620		19.7	5.4	mg/Kg	☼	10/03/25 07:27	10/03/25 22:31	1
Antimony	0.37	J	0.98	0.14	mg/Kg	☼	10/03/25 07:27	10/03/25 22:31	1
Arsenic	5.6		0.98	0.10	mg/Kg	☼	10/03/25 07:27	10/03/25 22:31	1
Barium	49.7		2.0	0.14	mg/Kg	☼	10/03/25 07:27	10/03/25 22:31	1
Beryllium	0.53		0.39	0.022	mg/Kg	☼	10/03/25 07:27	10/03/25 22:31	1
Cadmium	0.20	J	0.98	0.11	mg/Kg	☼	10/03/25 07:27	10/03/25 22:31	1
Calcium	2130		98.4	9.6	mg/Kg	☼	10/03/25 07:27	10/03/25 22:31	1
Chromium	16.3		2.0	0.29	mg/Kg	☼	10/03/25 07:27	10/03/25 22:31	1
Cobalt	7.2		0.98	0.15	mg/Kg	☼	10/03/25 07:27	10/03/25 22:31	1
Copper	25.3		2.0	0.36	mg/Kg	☼	10/03/25 07:27	10/03/25 22:31	1
Iron	19700		59.0	7.5	mg/Kg	☼	10/03/25 07:27	10/03/25 22:31	1
Lead	102		0.59	0.20	mg/Kg	☼	10/03/25 07:27	10/03/25 22:31	1
Magnesium	3080		98.4	10.0	mg/Kg	☼	10/03/25 07:27	10/03/25 22:31	1
Manganese	284		3.9	0.40	mg/Kg	☼	10/03/25 07:27	10/03/25 22:31	1
Nickel	12.8		2.0	0.17	mg/Kg	☼	10/03/25 07:27	10/03/25 22:31	1
Potassium	987		98.4	15.9	mg/Kg	☼	10/03/25 07:27	10/03/25 22:31	1
Selenium	0.29	J	1.2	0.13	mg/Kg	☼	10/03/25 07:27	10/03/25 22:31	1
Silver	0.10	J	0.39	0.088	mg/Kg	☼	10/03/25 07:27	10/03/25 22:31	1
Sodium	68.1	J	98.4	45.0	mg/Kg	☼	10/03/25 07:27	10/03/25 22:31	1
Thallium	0.11	J	0.39	0.040	mg/Kg	☼	10/03/25 07:27	10/03/25 22:31	1
Vanadium	22.6		2.0	0.20	mg/Kg	☼	10/03/25 07:27	10/03/25 22:31	1
Zinc	52.3		7.9	1.1	mg/Kg	☼	10/03/25 07:27	10/03/25 22:31	1

Method: SW846 7471B - Mercury (CVAA)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	0.031		0.017	0.0079	mg/Kg	☼	10/03/25 02:15	10/03/25 11:01	1

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Percent Moisture (EPA Moisture)	7.6		1.0	1.0	%			10/01/25 18:45	1
Percent Solids (EPA Moisture)	92.4		1.0	1.0	%			10/01/25 18:45	1

Client Sample ID: 58H_5-10
Date Collected: 09/26/25 09:25
Date Received: 09/26/25 16:20

Lab Sample ID: 460-335806-16
Matrix: Solid
Percent Solids: 90.6

Method: SW846 8270E - Semivolatile Organic Compounds (GC/MS)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1'-Biphenyl	0.36	U	0.36	0.013	mg/Kg	☼	09/27/25 07:27	09/27/25 16:26	1
1,2,4,5-Tetrachlorobenzene	0.36	U	0.36	0.011	mg/Kg	☼	09/27/25 07:27	09/27/25 16:26	1
1,4-Dioxane	0.036	U	0.036	0.032	mg/Kg	☼	09/27/25 07:27	09/27/25 16:26	1
2,2'-oxybis[1-chloropropane]	0.36	U	0.36	0.022	mg/Kg	☼	09/27/25 07:27	09/27/25 16:26	1
2,3,4,6-Tetrachlorophenol	0.36	U	0.36	0.025	mg/Kg	☼	09/27/25 07:27	09/27/25 16:26	1
2,4,5-Trichlorophenol	0.36	U	0.36	0.037	mg/Kg	☼	09/27/25 07:27	09/27/25 16:26	1
2,4,6-Trichlorophenol	0.15	U	0.15	0.047	mg/Kg	☼	09/27/25 07:27	09/27/25 16:26	1
2,4-Dichlorophenol	0.15	U	0.15	0.023	mg/Kg	☼	09/27/25 07:27	09/27/25 16:26	1
2,4-Dimethylphenol	0.36	U	0.36	0.043	mg/Kg	☼	09/27/25 07:27	09/27/25 16:26	1
2,4-Dinitrophenol	0.29	U	0.29	0.18	mg/Kg	☼	09/27/25 07:27	09/27/25 16:26	1
2,4-Dinitrotoluene	0.074	U	0.074	0.039	mg/Kg	☼	09/27/25 07:27	09/27/25 16:26	1
2,6-Dinitrotoluene	0.074	U	0.074	0.026	mg/Kg	☼	09/27/25 07:27	09/27/25 16:26	1
2-Chloronaphthalene	0.36	U	0.36	0.047	mg/Kg	☼	09/27/25 07:27	09/27/25 16:26	1
2-Chlorophenol	0.36	U	0.36	0.013	mg/Kg	☼	09/27/25 07:27	09/27/25 16:26	1
2-Methylnaphthalene	0.36	U	0.36	0.010	mg/Kg	☼	09/27/25 07:27	09/27/25 16:26	1
2-Methylphenol	0.36	U	0.36	0.014	mg/Kg	☼	09/27/25 07:27	09/27/25 16:26	1
2-Nitroaniline	0.36	U	0.36	0.028	mg/Kg	☼	09/27/25 07:27	09/27/25 16:26	1
2-Nitrophenol	0.36	U	0.36	0.036	mg/Kg	☼	09/27/25 07:27	09/27/25 16:26	1
3 & 4 Methylphenol	0.36	U	0.36	0.023	mg/Kg	☼	09/27/25 07:27	09/27/25 16:26	1
3,3'-Dichlorobenzidine	0.15	U	0.15	0.055	mg/Kg	☼	09/27/25 07:27	09/27/25 16:26	1
3-Nitroaniline	0.36	U	0.36	0.086	mg/Kg	☼	09/27/25 07:27	09/27/25 16:26	1
4,6-Dinitro-2-methylphenol	0.29	U	0.29	0.15	mg/Kg	☼	09/27/25 07:27	09/27/25 16:26	1
4-Bromophenyl phenyl ether	0.36	U	0.36	0.014	mg/Kg	☼	09/27/25 07:27	09/27/25 16:26	1
4-Chloro-3-methylphenol	0.36	U	0.36	0.020	mg/Kg	☼	09/27/25 07:27	09/27/25 16:26	1
4-Chloroaniline	0.36	U	0.36	0.065	mg/Kg	☼	09/27/25 07:27	09/27/25 16:26	1
4-Chlorophenyl phenyl ether	0.36	U	0.36	0.013	mg/Kg	☼	09/27/25 07:27	09/27/25 16:26	1
4-Methylphenol	0.36	U	0.36	0.023	mg/Kg	☼	09/27/25 07:27	09/27/25 16:26	1
4-Nitroaniline	0.36	U	0.36	0.092	mg/Kg	☼	09/27/25 07:27	09/27/25 16:26	1
4-Nitrophenol	0.74	U	0.74	0.059	mg/Kg	☼	09/27/25 07:27	09/27/25 16:26	1
Acenaphthene	0.36	U	0.36	0.010	mg/Kg	☼	09/27/25 07:27	09/27/25 16:26	1
Acenaphthylene	**0.018**	**J**	0.36	0.010	mg/Kg	☼	09/27/25 07:27	09/27/25 16:26	1
Acetophenone	0.36	U	0.36	0.018	mg/Kg	☼	09/27/25 07:27	09/27/25 16:26	1
Anthracene	0.36	U	0.36	0.011	mg/Kg	☼	09/27/25 07:27	09/27/25 16:26	1
Atrazine	0.15	U *	0.15	0.021	mg/Kg	☼	09/27/25 07:27	09/27/25 16:26	1
Benzaldehyde	0.36	U *	0.36	0.060	mg/Kg	☼	09/27/25 07:27	09/27/25 16:26	1
Benzo[a]anthracene	0.036	U	0.036	0.027	mg/Kg	☼	09/27/25 07:27	09/27/25 16:26	1
Benzo[a]pyrene	**0.017**	**J**	0.036	0.0097	mg/Kg	☼	09/27/25 07:27	09/27/25 16:26	1
Benzo[b]fluoranthene	**0.020**	**J**	0.036	0.0094	mg/Kg	☼	09/27/25 07:27	09/27/25 16:26	1
Benzo[g,h,i]perylene	**0.018**	**J**	0.36	0.011	mg/Kg	☼	09/27/25 07:27	09/27/25 16:26	1
Benzo[k]fluoranthene	**0.0095**	**J**	0.036	0.0071	mg/Kg	☼	09/27/25 07:27	09/27/25 16:26	1
Bis(2-chloroethoxy)methane	0.36	U	0.36	0.067	mg/Kg	☼	09/27/25 07:27	09/27/25 16:26	1
Bis(2-chloroethyl)ether	0.036	U	0.036	0.013	mg/Kg	☼	09/27/25 07:27	09/27/25 16:26	1
Bis(2-ethylhexyl) phthalate	0.36	U	0.36	0.019	mg/Kg	☼	09/27/25 07:27	09/27/25 16:26	1
Butyl benzyl phthalate	0.36	U	0.36	0.017	mg/Kg	☼	09/27/25 07:27	09/27/25 16:26	1
Caprolactam	0.36	U	0.36	0.057	mg/Kg	☼	09/27/25 07:27	09/27/25 16:26	1
Carbazole	0.36	U	0.36	0.014	mg/Kg	☼	09/27/25 07:27	09/27/25 16:26	1
Chrysene	**0.015**	**J**	0.36	0.015	mg/Kg	☼	09/27/25 07:27	09/27/25 16:26	1
Dibenz(a,h)anthracene	0.036	U	0.036	0.016	mg/Kg	☼	09/27/25 07:27	09/27/25 16:26	1
Dibenzofuran	0.36	U	0.36	0.012	mg/Kg	☼	09/27/25 07:27	09/27/25 16:26	1

Client Sample ID: 58H_5-10

Date Collected: 09/26/25 09:25
Date Received: 09/26/25 16:20

Lab Sample ID: 460-335806-16

Matrix: Solid
Percent Solids: 90.6

Method: SW846 8270E - Semivolatile Organic Compounds (GC/MS) (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Diethyl phthalate	0.36	U	0.36	0.012	mg/Kg	☼	09/27/25 07:27	09/27/25 16:26	1
Dimethyl phthalate	0.36	U	0.36	0.083	mg/Kg	☼	09/27/25 07:27	09/27/25 16:26	1
Di-n-butyl phthalate	0.36	U	0.36	0.014	mg/Kg	☼	09/27/25 07:27	09/27/25 16:26	1
Di-n-octyl phthalate	0.36	U	0.36	0.019	mg/Kg	☼	09/27/25 07:27	09/27/25 16:26	1
Fluoranthene	**0.017**	**J**	0.36	0.013	mg/Kg	☼	09/27/25 07:27	09/27/25 16:26	1
Fluorene	0.36	U	0.36	0.011	mg/Kg	☼	09/27/25 07:27	09/27/25 16:26	1
Hexachlorobenzene	0.036	U	0.036	0.017	mg/Kg	☼	09/27/25 07:27	09/27/25 16:26	1
Hexachlorobutadiene	0.074	U	0.074	0.0078	mg/Kg	☼	09/27/25 07:27	09/27/25 16:26	1
Hexachlorocyclopentadiene	0.36	U	0.36	0.032	mg/Kg	☼	09/27/25 07:27	09/27/25 16:26	1
Hexachloroethane	0.036	U	0.036	0.013	mg/Kg	☼	09/27/25 07:27	09/27/25 16:26	1
Indeno[1,2,3-cd]pyrene	**0.032**	**J**	0.036	0.014	mg/Kg	☼	09/27/25 07:27	09/27/25 16:26	1
Isophorone	0.15	U	0.15	0.11	mg/Kg	☼	09/27/25 07:27	09/27/25 16:26	1
Naphthalene	0.36	U	0.36	0.0063	mg/Kg	☼	09/27/25 07:27	09/27/25 16:26	1
Nitrobenzene	0.036	U	0.036	0.020	mg/Kg	☼	09/27/25 07:27	09/27/25 16:26	1
N-Nitrosodi-n-propylamine	0.036	U	0.036	0.026	mg/Kg	☼	09/27/25 07:27	09/27/25 16:26	1
N-Nitrosodiphenylamine	0.36	U	0.36	0.030	mg/Kg	☼	09/27/25 07:27	09/27/25 16:26	1
Pentachlorophenol	0.29	U	0.29	0.075	mg/Kg	☼	09/27/25 07:27	09/27/25 16:26	1
Phenanthrene	0.36	U	0.36	0.015	mg/Kg	☼	09/27/25 07:27	09/27/25 16:26	1
Phenol	0.36	U	0.36	0.013	mg/Kg	☼	09/27/25 07:27	09/27/25 16:26	1
Pyrene	**0.013**	**J**	0.36	0.0091	mg/Kg	☼	09/27/25 07:27	09/27/25 16:26	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
2,4,6-Tribromophenol (Surr)	*73*		*18 - 137*	*09/27/25 07:27*	*09/27/25 16:26*	*1*
2-Fluorobiphenyl	*68*		*33 - 117*	*09/27/25 07:27*	*09/27/25 16:26*	*1*
2-Fluorophenol (Surr)	*74*		*24 - 120*	*09/27/25 07:27*	*09/27/25 16:26*	*1*
Nitrobenzene-d5 (Surr)	*72*		*27 - 120*	*09/27/25 07:27*	*09/27/25 16:26*	*1*
Phenol-d5 (Surr)	*70*		*28 - 118*	*09/27/25 07:27*	*09/27/25 16:26*	*1*
Terphenyl-d14 (Surr)	*73*		*33 - 124*	*09/27/25 07:27*	*09/27/25 16:26*	*1*

Method: SW846 8081B - Organochlorine Pesticides (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
4,4'-DDD	0.0074	U	0.0074	0.0013	mg/Kg	☼	09/27/25 19:17	09/28/25 18:42	1
4,4'-DDE	0.0074	U	0.0074	0.00087	mg/Kg	☼	09/27/25 19:17	09/28/25 18:42	1
4,4'-DDT	0.0074	U	0.0074	0.0014	mg/Kg	☼	09/27/25 19:17	09/28/25 18:42	1
Aldrin	0.0074	U	0.0074	0.0011	mg/Kg	☼	09/27/25 19:17	09/28/25 18:42	1
alpha-BHC	0.0022	U	0.0022	0.00075	mg/Kg	☼	09/27/25 19:17	09/28/25 18:42	1
beta-BHC	0.0022	U	0.0022	0.00083	mg/Kg	☼	09/27/25 19:17	09/28/25 18:42	1
Chlordane (technical)	0.074	U	0.074	0.018	mg/Kg	☼	09/27/25 19:17	09/28/25 18:42	1
cis-Chlordane	0.0074	U	0.0074	0.0012	mg/Kg	☼	09/27/25 19:17	09/28/25 18:42	1
delta-BHC	0.0022	U	0.0022	0.00045	mg/Kg	☼	09/27/25 19:17	09/28/25 18:42	1
Dieldrin	0.0022	U	0.0022	0.00096	mg/Kg	☼	09/27/25 19:17	09/28/25 18:42	1
Endosulfan I	0.0074	U	0.0074	0.0011	mg/Kg	☼	09/27/25 19:17	09/28/25 18:42	1
Endosulfan II	0.0074	U	0.0074	0.0019	mg/Kg	☼	09/27/25 19:17	09/28/25 18:42	1
Endosulfan sulfate	0.0074	U	0.0074	0.00093	mg/Kg	☼	09/27/25 19:17	09/28/25 18:42	1
Endrin	0.0074	U	0.0074	0.0011	mg/Kg	☼	09/27/25 19:17	09/28/25 18:42	1
Endrin aldehyde	0.0074	U	0.0074	0.0017	mg/Kg	☼	09/27/25 19:17	09/28/25 18:42	1
Endrin ketone	0.0074	U	0.0074	0.0014	mg/Kg	☼	09/27/25 19:17	09/28/25 18:42	1
gamma-BHC (Lindane)	0.0022	U	0.0022	0.00068	mg/Kg	☼	09/27/25 19:17	09/28/25 18:42	1
Heptachlor	0.0074	U	0.0074	0.00087	mg/Kg	☼	09/27/25 19:17	09/28/25 18:42	1
Heptachlor epoxide	0.0074	U	0.0074	0.0011	mg/Kg	☼	09/27/25 19:17	09/28/25 18:42	1

Client Sample ID: 58H_5-10
Date Collected: 09/26/25 09:25
Date Received: 09/26/25 16:20

Lab Sample ID: 460-335806-16
Matrix: Solid
Percent Solids: 90.6

Method: SW846 8081B - Organochlorine Pesticides (GC) (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Methoxychlor	0.0074	U	0.0074	0.0017	mg/Kg	☼	09/27/25 19:17	09/28/25 18:42	1
Toxaphene	0.074	U	0.074	0.027	mg/Kg	☼	09/27/25 19:17	09/28/25 18:42	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
DCB Decachlorobiphenyl	*97*		*10 - 150*	*09/27/25 19:17*	*09/28/25 18:42*	*1*
DCB Decachlorobiphenyl	*102*		*10 - 150*	*09/27/25 19:17*	*09/28/25 18:42*	*1*
Tetrachloro-m-xylene	*87*		*14 - 150*	*09/27/25 19:17*	*09/28/25 18:42*	*1*
Tetrachloro-m-xylene	*80*		*14 - 150*	*09/27/25 19:17*	*09/28/25 18:42*	*1*

Method: SW846 8082A - Polychlorinated Biphenyls (PCBs) by Gas Chromatography

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Aroclor 1016	0.074	U	0.074	0.020	mg/Kg	☼	09/27/25 19:15	09/28/25 15:39	1
Aroclor 1221	0.074	U	0.074	0.020	mg/Kg	☼	09/27/25 19:15	09/28/25 15:39	1
Aroclor 1232	0.074	U	0.074	0.020	mg/Kg	☼	09/27/25 19:15	09/28/25 15:39	1
Aroclor 1242	0.074	U	0.074	0.020	mg/Kg	☼	09/27/25 19:15	09/28/25 15:39	1
Aroclor 1248	0.074	U	0.074	0.020	mg/Kg	☼	09/27/25 19:15	09/28/25 15:39	1
Aroclor 1254	0.074	U	0.074	0.020	mg/Kg	☼	09/27/25 19:15	09/28/25 15:39	1
Aroclor 1260	0.074	U	0.074	0.020	mg/Kg	☼	09/27/25 19:15	09/28/25 15:39	1
Aroclor-1262	0.074	U	0.074	0.020	mg/Kg	☼	09/27/25 19:15	09/28/25 15:39	1
Aroclor 1268	0.074	U	0.074	0.020	mg/Kg	☼	09/27/25 19:15	09/28/25 15:39	1
Polychlorinated biphenyls, Total	0.074	U	0.074	0.020	mg/Kg	☼	09/27/25 19:15	09/28/25 15:39	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
DCB Decachlorobiphenyl	*130*		*10 - 150*	*09/27/25 19:15*	*09/28/25 15:39*	*1*
DCB Decachlorobiphenyl	*134*		*10 - 150*	*09/27/25 19:15*	*09/28/25 15:39*	*1*
Tetrachloro-m-xylene	*104*		*10 - 150*	*09/27/25 19:15*	*09/28/25 15:39*	*1*
Tetrachloro-m-xylene	*103*		*10 - 150*	*09/27/25 19:15*	*09/28/25 15:39*	*1*

Method: EPA 1633A - Per- and Polyfluoroalkyl Substances by LC/MS/MS, 1633A

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Perfluorobutanoic acid (PFBA)	0.38	U	0.38	0.096	ug/Kg	☼	10/04/25 05:49	10/06/25 02:37	1
Perfluoropentanoic acid (PFPeA)	0.19	U	0.19	0.096	ug/Kg	☼	10/04/25 05:49	10/06/25 02:37	1
Perfluorohexanoic acid (PFHxA)	0.19	U	0.19	0.096	ug/Kg	☼	10/04/25 05:49	10/06/25 02:37	1
Perfluoroheptanoic acid (PFHpA)	0.19	U	0.19	0.096	ug/Kg	☼	10/04/25 05:49	10/06/25 02:37	1
Perfluorooctanoic acid (PFOA)	0.19	U	0.19	0.058	ug/Kg	☼	10/04/25 05:49	10/06/25 02:37	1
Perfluorononanoic acid (PFNA)	**0.14**	**J**	0.19	0.096	ug/Kg	☼	10/04/25 05:49	10/06/25 02:37	1
Perfluorodecanoic acid (PFDA)	**0.12**	**J**	0.19	0.058	ug/Kg	☼	10/04/25 05:49	10/06/25 02:37	1
Perfluoroundecanoic acid (PFUnA)	**1.37**		0.19	0.096	ug/Kg	☼	10/04/25 05:49	10/06/25 02:37	1
Perfluorododecanoic acid (PFDoA)	**0.13**	**J**	0.19	0.096	ug/Kg	☼	10/04/25 05:49	10/06/25 02:37	1
Perfluorotridecanoic acid (PFTrDA)	**0.52**		0.19	0.096	ug/Kg	☼	10/04/25 05:49	10/06/25 02:37	1
Perfluorotetradecanoic acid (PFTeDA)	0.19	U	0.19	0.096	ug/Kg	☼	10/04/25 05:49	10/06/25 02:37	1
Perfluorobutanesulfonic acid (PFBS)	0.19	U	0.19	0.096	ug/Kg	☼	10/04/25 05:49	10/06/25 02:37	1
Perfluoropentanesulfonic acid (PFPeS)	0.19	U	0.19	0.096	ug/Kg	☼	10/04/25 05:49	10/06/25 02:37	1
Perfluorohexanesulfonic acid (PFHxS)	0.19	U	0.19	0.096	ug/Kg	☼	10/04/25 05:49	10/06/25 02:37	1
Perfluoroheptanesulfonic acid (PFHpS)	0.19	U	0.19	0.096	ug/Kg	☼	10/04/25 05:49	10/06/25 02:37	1
Perfluorooctanesulfonic acid (PFOS)	0.19	U	0.19	0.096	ug/Kg	☼	10/04/25 05:49	10/06/25 02:37	1
Perfluorononanesulfonic acid (PFNS)	0.19	U	0.19	0.096	ug/Kg	☼	10/04/25 05:49	10/06/25 02:37	1

Client Sample ID: 58H_5-10
Date Collected: 09/26/25 09:25
Date Received: 09/26/25 16:20

Lab Sample ID: 460-335806-16
Matrix: Solid
Percent Solids: 90.6

Method: EPA 1633A - Per- and Polyfluoroalkyl Substances by LC/MS/MS, 1633A (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Perfluorodecanesulfonic acid (PFDS)	0.19	U *	0.19	0.096	ug/Kg	☼	10/04/25 05:49	10/06/25 02:37	1
Perfluorododecanesulfonic acid (PFDoS)	0.19	U *	0.19	0.096	ug/Kg	☼	10/04/25 05:49	10/06/25 02:37	1
1H,1H,2H,2H-Perfluorohexane sulfonic acid (4:2 FTS)	0.38	U	0.38	0.19	ug/Kg	☼	10/04/25 05:49	10/06/25 02:37	1
1H,1H,2H,2H-Perfluorooctane sulfonic acid (6:2 FTS)	0.38	U	0.38	0.19	ug/Kg	☼	10/04/25 05:49	10/06/25 02:37	1
1H,1H,2H,2H-Perfluorodecane sulfonic acid (8:2 FTS)	0.38	U	0.38	0.19	ug/Kg	☼	10/04/25 05:49	10/06/25 02:37	1
Perfluorooctanesulfonamide (PFOSA)	0.19	U	0.19	0.096	ug/Kg	☼	10/04/25 05:49	10/06/25 02:37	1
N-methylperfluorooctane sulfonamide (NMeFOSA)	0.19	U	0.19	0.096	ug/Kg	☼	10/04/25 05:49	10/06/25 02:37	1
N-ethylperfluorooctane sulfonamide (NEtFOSA)	0.19	U	0.19	0.096	ug/Kg	☼	10/04/25 05:49	10/06/25 02:37	1
N-methylperfluorooctanesulfonamidoacetic acid (NMeFOSAA)	0.19	U	0.19	0.096	ug/Kg	☼	10/04/25 05:49	10/06/25 02:37	1
N-ethylperfluorooctanesulfonamidoacetic acid (NEtFOSAA)	0.19	U	0.19	0.096	ug/Kg	☼	10/04/25 05:49	10/06/25 02:37	1
N-methylperfluorooctane sulfonamidoethanol (NMeFOSE)	0.96	U	0.96	0.48	ug/Kg	☼	10/04/25 05:49	10/06/25 02:37	1
N-ethylperfluorooctane sulfonamidoethanol (NEtFOSE)	0.96	U	0.96	0.48	ug/Kg	☼	10/04/25 05:49	10/06/25 02:37	1
Hexafluoropropylene Oxide Dimer Acid (HFPO-DA)	0.19	U	0.19	0.096	ug/Kg	☼	10/04/25 05:49	10/06/25 02:37	1
4,8-Dioxa-3H-perfluorononanoic acid (ADONA)	0.19	U	0.19	0.096	ug/Kg	☼	10/04/25 05:49	10/06/25 02:37	1
Perfluoro-3-methoxypropanoic acid (PFMPA)	0.19	U	0.19	0.096	ug/Kg	☼	10/04/25 05:49	10/06/25 02:37	1
Perfluoro-4-methoxybutanoic acid (PFMBA)	0.19	U	0.19	0.096	ug/Kg	☼	10/04/25 05:49	10/06/25 02:37	1
Nonafluoro-3,6-dioxaheptanoic acid (NFDHA)	0.19	U	0.19	0.096	ug/Kg	☼	10/04/25 05:49	10/06/25 02:37	1
9-Chlorohexadecafluoro-3-oxanonane-1-sulfonic acid (9Cl-PF3ONS)	0.19	U	0.19	0.096	ug/Kg	☼	10/04/25 05:49	10/06/25 02:37	1
11-Chloroeicosafluoro-3-oxaundecane-1-sulfonic acid (11Cl-PF3OUdS)	0.19	U *	0.19	0.096	ug/Kg	☼	10/04/25 05:49	10/06/25 02:37	1
Perfluoro (2-ethoxyethane) sulfonic acid (PFEESA)	0.19	U	0.19	0.096	ug/Kg	☼	10/04/25 05:49	10/06/25 02:37	1
3-Perfluoropropylpropanoic acid (3:3 FTCA)	0.38	U	0.38	0.19	ug/Kg	☼	10/04/25 05:49	10/06/25 02:37	1
3-Perfluoropentylpropanoic acid (5:3 FTCA)	0.96	U	0.96	0.48	ug/Kg	☼	10/04/25 05:49	10/06/25 02:37	1
3-Perfluoroheptylpropanoic acid (7:3 FTCA)	0.96	U	0.96	0.48	ug/Kg	☼	10/04/25 05:49	10/06/25 02:37	1

Isotope Dilution	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
13C4 PFBA	*128*		*8 - 130*	*10/04/25 05:49*	*10/06/25 02:37*	*1*
13C5 PFPeA	*119*		*35 - 130*	*10/04/25 05:49*	*10/06/25 02:37*	*1*
13C5 PFHxA	*116*		*40 - 130*	*10/04/25 05:49*	*10/06/25 02:37*	*1*
13C4 PFHpA	*121*		*40 - 130*	*10/04/25 05:49*	*10/06/25 02:37*	*1*
13C8 PFOA	*108*		*40 - 130*	*10/04/25 05:49*	*10/06/25 02:37*	*1*
13C9 PFNA	*102*		*40 - 130*	*10/04/25 05:49*	*10/06/25 02:37*	*1*
13C6 PFDA	*90.5*		*40 - 130*	*10/04/25 05:49*	*10/06/25 02:37*	*1*
13C7 PFUnA	*78.8*		*40 - 130*	*10/04/25 05:49*	*10/06/25 02:37*	*1*
13C2 PFTeDA	*56.4*		*20 - 130*	*10/04/25 05:49*	*10/06/25 02:37*	*1*

Client Sample ID: 58H_5-10

Date Collected: 09/26/25 09:25
Date Received: 09/26/25 16:20

Lab Sample ID: 460-335806-16

Matrix: Solid
Percent Solids: 90.6

Method: EPA 1633A - Per- and Polyfluoroalkyl Substances by LC/MS/MS, 1633A (Continued)

Isotope Dilution	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
13C3 PFBS	127		40 - 135	10/04/25 05:49	10/06/25 02:37	1
13C3 PFHxS	104		40 - 130	10/04/25 05:49	10/06/25 02:37	1
13C8 PFOS	88.9		40 - 130	10/04/25 05:49	10/06/25 02:37	1
13C8 FOSA	83.4		40 - 130	10/04/25 05:49	10/06/25 02:37	1
d3-NMeFOSAA	65.3		40 - 135	10/04/25 05:49	10/06/25 02:37	1
d5-NEtFOSAA	76.4		40 - 150	10/04/25 05:49	10/06/25 02:37	1
13C2 4:2 FTS	153		40 - 165	10/04/25 05:49	10/06/25 02:37	1
13C2 6:2 FTS	128		40 - 215	10/04/25 05:49	10/06/25 02:37	1
13C2 8:2 FTS	84.2		40 - 275	10/04/25 05:49	10/06/25 02:37	1
13C3 HFPO-DA	121		40 - 130	10/04/25 05:49	10/06/25 02:37	1
d7-N-MeFOSE-M	28.7		20 - 130	10/04/25 05:49	10/06/25 02:37	1
d9-N-EtFOSE-M	18.4		15 - 130	10/04/25 05:49	10/06/25 02:37	1
d5-NEtPFOSA	64.4		10 - 130	10/04/25 05:49	10/06/25 02:37	1
d3-NMePFOSA	74.8		10 - 130	10/04/25 05:49	10/06/25 02:37	1
13C2 PFDoA	67.9		40 - 130	10/04/25 05:49	10/06/25 02:37	1

Method: SW846 6020B - Metals (ICP/MS)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Aluminum	6190		20.4	5.6	mg/Kg	☼	10/03/25 07:27	10/03/25 22:34	1
Antimony	0.54	J	1.0	0.15	mg/Kg	☼	10/03/25 07:27	10/03/25 22:34	1
Arsenic	6.9		1.0	0.11	mg/Kg	☼	10/03/25 07:27	10/03/25 22:34	1
Barium	34.5		2.0	0.15	mg/Kg	☼	10/03/25 07:27	10/03/25 22:34	1
Beryllium	0.42		0.41	0.022	mg/Kg	☼	10/03/25 07:27	10/03/25 22:34	1
Cadmium	0.30	J	1.0	0.12	mg/Kg	☼	10/03/25 07:27	10/03/25 22:34	1
Calcium	2130		102	9.9	mg/Kg	☼	10/03/25 07:27	10/03/25 22:34	1
Chromium	13.7		2.0	0.30	mg/Kg	☼	10/03/25 07:27	10/03/25 22:34	1
Cobalt	5.6		1.0	0.15	mg/Kg	☼	10/03/25 07:27	10/03/25 22:34	1
Copper	33.3		2.0	0.38	mg/Kg	☼	10/03/25 07:27	10/03/25 22:34	1
Iron	20900		61.3	7.8	mg/Kg	☼	10/03/25 07:27	10/03/25 22:34	1
Lead	99.2		0.61	0.20	mg/Kg	☼	10/03/25 07:27	10/03/25 22:34	1
Magnesium	2500		102	10.4	mg/Kg	☼	10/03/25 07:27	10/03/25 22:34	1
Manganese	278		4.1	0.41	mg/Kg	☼	10/03/25 07:27	10/03/25 22:34	1
Nickel	10.3		2.0	0.18	mg/Kg	☼	10/03/25 07:27	10/03/25 22:34	1
Potassium	820		102	16.6	mg/Kg	☼	10/03/25 07:27	10/03/25 22:34	1
Selenium	0.34	J	1.3	0.13	mg/Kg	☼	10/03/25 07:27	10/03/25 22:34	1
Silver	0.18	J	0.41	0.091	mg/Kg	☼	10/03/25 07:27	10/03/25 22:34	1
Sodium	62.9	J	102	46.7	mg/Kg	☼	10/03/25 07:27	10/03/25 22:34	1
Thallium	0.074	J	0.41	0.042	mg/Kg	☼	10/03/25 07:27	10/03/25 22:34	1
Vanadium	20.6		2.0	0.21	mg/Kg	☼	10/03/25 07:27	10/03/25 22:34	1
Zinc	74.6		8.2	1.1	mg/Kg	☼	10/03/25 07:27	10/03/25 22:34	1

Method: SW846 7471B - Mercury (CVAA)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	0.045		0.018	0.0087	mg/Kg	☼	10/03/25 02:15	10/03/25 11:03	1

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Percent Moisture (EPA Moisture)	9.4		1.0	1.0	%			10/01/25 18:45	1
Percent Solids (EPA Moisture)	90.6		1.0	1.0	%			10/01/25 18:45	1

Client Sample ID: 58I_0-5
Date Collected: 09/26/25 09:30
Date Received: 09/26/25 16:20

Lab Sample ID: 460-335806-17
Matrix: Solid
Percent Solids: 90.7

Method: SW846 8270E - Semivolatile Organic Compounds (GC/MS)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1'-Biphenyl	0.36	U	0.36	0.013	mg/Kg	☼	09/27/25 07:27	09/27/25 16:43	1
1,2,4,5-Tetrachlorobenzene	0.36	U	0.36	0.011	mg/Kg	☼	09/27/25 07:27	09/27/25 16:43	1
1,4-Dioxane	0.036	U	0.036	0.032	mg/Kg	☼	09/27/25 07:27	09/27/25 16:43	1
2,2'-oxybis[1-chloropropane]	0.36	U	0.36	0.022	mg/Kg	☼	09/27/25 07:27	09/27/25 16:43	1
2,3,4,6-Tetrachlorophenol	0.36	U	0.36	0.025	mg/Kg	☼	09/27/25 07:27	09/27/25 16:43	1
2,4,5-Trichlorophenol	0.36	U	0.36	0.037	mg/Kg	☼	09/27/25 07:27	09/27/25 16:43	1
2,4,6-Trichlorophenol	0.15	U	0.15	0.047	mg/Kg	☼	09/27/25 07:27	09/27/25 16:43	1
2,4-Dichlorophenol	0.15	U	0.15	0.023	mg/Kg	☼	09/27/25 07:27	09/27/25 16:43	1
2,4-Dimethylphenol	0.36	U	0.36	0.043	mg/Kg	☼	09/27/25 07:27	09/27/25 16:43	1
2,4-Dinitrophenol	0.29	U	0.29	0.18	mg/Kg	☼	09/27/25 07:27	09/27/25 16:43	1
2,4-Dinitrotoluene	0.074	U	0.074	0.039	mg/Kg	☼	09/27/25 07:27	09/27/25 16:43	1
2,6-Dinitrotoluene	0.074	U	0.074	0.026	mg/Kg	☼	09/27/25 07:27	09/27/25 16:43	1
2-Chloronaphthalene	0.36	U	0.36	0.047	mg/Kg	☼	09/27/25 07:27	09/27/25 16:43	1
2-Chlorophenol	0.36	U	0.36	0.013	mg/Kg	☼	09/27/25 07:27	09/27/25 16:43	1
2-Methylnaphthalene	0.36	U	0.36	0.010	mg/Kg	☼	09/27/25 07:27	09/27/25 16:43	1
2-Methylphenol	0.36	U	0.36	0.014	mg/Kg	☼	09/27/25 07:27	09/27/25 16:43	1
2-Nitroaniline	0.36	U	0.36	0.028	mg/Kg	☼	09/27/25 07:27	09/27/25 16:43	1
2-Nitrophenol	0.36	U	0.36	0.036	mg/Kg	☼	09/27/25 07:27	09/27/25 16:43	1
3 & 4 Methylphenol	0.36	U	0.36	0.023	mg/Kg	☼	09/27/25 07:27	09/27/25 16:43	1
3,3'-Dichlorobenzidine	0.15	U	0.15	0.055	mg/Kg	☼	09/27/25 07:27	09/27/25 16:43	1
3-Nitroaniline	0.36	U	0.36	0.086	mg/Kg	☼	09/27/25 07:27	09/27/25 16:43	1
4,6-Dinitro-2-methylphenol	0.29	U	0.29	0.15	mg/Kg	☼	09/27/25 07:27	09/27/25 16:43	1
4-Bromophenyl phenyl ether	0.36	U	0.36	0.014	mg/Kg	☼	09/27/25 07:27	09/27/25 16:43	1
4-Chloro-3-methylphenol	0.36	U	0.36	0.020	mg/Kg	☼	09/27/25 07:27	09/27/25 16:43	1
4-Chloroaniline	0.36	U	0.36	0.064	mg/Kg	☼	09/27/25 07:27	09/27/25 16:43	1
4-Chlorophenyl phenyl ether	0.36	U	0.36	0.013	mg/Kg	☼	09/27/25 07:27	09/27/25 16:43	1
4-Methylphenol	0.36	U	0.36	0.023	mg/Kg	☼	09/27/25 07:27	09/27/25 16:43	1
4-Nitroaniline	0.36	U	0.36	0.092	mg/Kg	☼	09/27/25 07:27	09/27/25 16:43	1
4-Nitrophenol	0.74	U	0.74	0.059	mg/Kg	☼	09/27/25 07:27	09/27/25 16:43	1
Acenaphthene	0.36	U	0.36	0.010	mg/Kg	☼	09/27/25 07:27	09/27/25 16:43	1
Acenaphthylene	**0.011**	**J**	0.36	0.010	mg/Kg	☼	09/27/25 07:27	09/27/25 16:43	1
Acetophenone	0.36	U	0.36	0.018	mg/Kg	☼	09/27/25 07:27	09/27/25 16:43	1
Anthracene	**0.011**	**J**	0.36	0.011	mg/Kg	☼	09/27/25 07:27	09/27/25 16:43	1
Atrazine	0.15	U *	0.15	0.021	mg/Kg	☼	09/27/25 07:27	09/27/25 16:43	1
Benzaldehyde	0.36	U *	0.36	0.060	mg/Kg	☼	09/27/25 07:27	09/27/25 16:43	1
Benzo[a]anthracene	0.036	U	0.036	0.027	mg/Kg	☼	09/27/25 07:27	09/27/25 16:43	1
Benzo[a]pyrene	**0.029**	**J**	0.036	0.0097	mg/Kg	☼	09/27/25 07:27	09/27/25 16:43	1
Benzo[b]fluoranthene	**0.034**	**J**	0.036	0.0094	mg/Kg	☼	09/27/25 07:27	09/27/25 16:43	1
Benzo[g,h,i]perylene	**0.025**	**J**	0.36	0.011	mg/Kg	☼	09/27/25 07:27	09/27/25 16:43	1
Benzo[k]fluoranthene	**0.014**	**J**	0.036	0.0071	mg/Kg	☼	09/27/25 07:27	09/27/25 16:43	1
Bis(2-chloroethoxy)methane	0.36	U	0.36	0.067	mg/Kg	☼	09/27/25 07:27	09/27/25 16:43	1
Bis(2-chloroethyl)ether	0.036	U	0.036	0.013	mg/Kg	☼	09/27/25 07:27	09/27/25 16:43	1
Bis(2-ethylhexyl) phthalate	0.36	U	0.36	0.019	mg/Kg	☼	09/27/25 07:27	09/27/25 16:43	1
Butyl benzyl phthalate	0.36	U	0.36	0.017	mg/Kg	☼	09/27/25 07:27	09/27/25 16:43	1
Caprolactam	0.36	U	0.36	0.057	mg/Kg	☼	09/27/25 07:27	09/27/25 16:43	1
Carbazole	0.36	U	0.36	0.014	mg/Kg	☼	09/27/25 07:27	09/27/25 16:43	1
Chrysene	**0.022**	**J**	0.36	0.015	mg/Kg	☼	09/27/25 07:27	09/27/25 16:43	1
Dibenz(a,h)anthracene	0.036	U	0.036	0.016	mg/Kg	☼	09/27/25 07:27	09/27/25 16:43	1
Dibenzofuran	0.36	U	0.36	0.012	mg/Kg	☼	09/27/25 07:27	09/27/25 16:43	1

Client Sample ID: 58I_0-5
Date Collected: 09/26/25 09:30
Date Received: 09/26/25 16:20

Lab Sample ID: 460-335806-17
Matrix: Solid
Percent Solids: 90.7

Method: SW846 8270E - Semivolatile Organic Compounds (GC/MS) (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Diethyl phthalate	0.36	U	0.36	0.012	mg/Kg	☼	09/27/25 07:27	09/27/25 16:43	1
Dimethyl phthalate	0.36	U	0.36	0.083	mg/Kg	☼	09/27/25 07:27	09/27/25 16:43	1
Di-n-butyl phthalate	0.36	U	0.36	0.014	mg/Kg	☼	09/27/25 07:27	09/27/25 16:43	1
Di-n-octyl phthalate	0.36	U	0.36	0.019	mg/Kg	☼	09/27/25 07:27	09/27/25 16:43	1
Fluoranthene	**0.027**	**J**	0.36	0.013	mg/Kg	☼	09/27/25 07:27	09/27/25 16:43	1
Fluorene	0.36	U	0.36	0.011	mg/Kg	☼	09/27/25 07:27	09/27/25 16:43	1
Hexachlorobenzene	0.036	U	0.036	0.017	mg/Kg	☼	09/27/25 07:27	09/27/25 16:43	1
Hexachlorobutadiene	0.074	U	0.074	0.0077	mg/Kg	☼	09/27/25 07:27	09/27/25 16:43	1
Hexachlorocyclopentadiene	0.36	U	0.36	0.032	mg/Kg	☼	09/27/25 07:27	09/27/25 16:43	1
Hexachloroethane	0.036	U	0.036	0.012	mg/Kg	☼	09/27/25 07:27	09/27/25 16:43	1
Indeno[1,2,3-cd]pyrene	**0.044**		0.036	0.014	mg/Kg	☼	09/27/25 07:27	09/27/25 16:43	1
Isophorone	0.15	U	0.15	0.11	mg/Kg	☼	09/27/25 07:27	09/27/25 16:43	1
Naphthalene	**0.0070**	**J**	0.36	0.0063	mg/Kg	☼	09/27/25 07:27	09/27/25 16:43	1
Nitrobenzene	0.036	U	0.036	0.020	mg/Kg	☼	09/27/25 07:27	09/27/25 16:43	1
N-Nitrosodi-n-propylamine	0.036	U	0.036	0.026	mg/Kg	☼	09/27/25 07:27	09/27/25 16:43	1
N-Nitrosodiphenylamine	0.36	U	0.36	0.030	mg/Kg	☼	09/27/25 07:27	09/27/25 16:43	1
Pentachlorophenol	0.29	U	0.29	0.074	mg/Kg	☼	09/27/25 07:27	09/27/25 16:43	1
Phenanthrene	0.36	U	0.36	0.015	mg/Kg	☼	09/27/25 07:27	09/27/25 16:43	1
Phenol	0.36	U	0.36	0.013	mg/Kg	☼	09/27/25 07:27	09/27/25 16:43	1
Pyrene	**0.027**	**J**	0.36	0.0090	mg/Kg	☼	09/27/25 07:27	09/27/25 16:43	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
2,4,6-Tribromophenol (Surr)	*69*		*18 - 137*	*09/27/25 07:27*	*09/27/25 16:43*	*1*
2-Fluorobiphenyl	*66*		*33 - 117*	*09/27/25 07:27*	*09/27/25 16:43*	*1*
2-Fluorophenol (Surr)	*75*		*24 - 120*	*09/27/25 07:27*	*09/27/25 16:43*	*1*
Nitrobenzene-d5 (Surr)	*71*		*27 - 120*	*09/27/25 07:27*	*09/27/25 16:43*	*1*
Phenol-d5 (Surr)	*70*		*28 - 118*	*09/27/25 07:27*	*09/27/25 16:43*	*1*
Terphenyl-d14 (Surr)	*69*		*33 - 124*	*09/27/25 07:27*	*09/27/25 16:43*	*1*

Method: SW846 8081B - Organochlorine Pesticides (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
4,4'-DDD	0.0074	U	0.0074	0.0013	mg/Kg	☼	09/27/25 19:17	09/29/25 13:35	1
4,4'-DDE	0.0074	U	0.0074	0.00087	mg/Kg	☼	09/27/25 19:17	09/29/25 13:35	1
4,4'-DDT	0.0074	U	0.0074	0.0014	mg/Kg	☼	09/27/25 19:17	09/29/25 13:35	1
Aldrin	0.0074	U	0.0074	0.0011	mg/Kg	☼	09/27/25 19:17	09/29/25 13:35	1
alpha-BHC	0.0022	U	0.0022	0.00075	mg/Kg	☼	09/27/25 19:17	09/29/25 13:35	1
beta-BHC	0.0022	U	0.0022	0.00083	mg/Kg	☼	09/27/25 19:17	09/29/25 13:35	1
Chlordane (technical)	0.074	U	0.074	0.018	mg/Kg	☼	09/27/25 19:17	09/29/25 13:35	1
cis-Chlordane	0.0074	U	0.0074	0.0012	mg/Kg	☼	09/27/25 19:17	09/29/25 13:35	1
delta-BHC	0.0022	U	0.0022	0.00045	mg/Kg	☼	09/27/25 19:17	09/29/25 13:35	1
Dieldrin	0.0022	U	0.0022	0.00096	mg/Kg	☼	09/27/25 19:17	09/29/25 13:35	1
Endosulfan I	0.0074	U	0.0074	0.0011	mg/Kg	☼	09/27/25 19:17	09/29/25 13:35	1
Endosulfan II	0.0074	U	0.0074	0.0019	mg/Kg	☼	09/27/25 19:17	09/29/25 13:35	1
Endosulfan sulfate	0.0074	U	0.0074	0.00093	mg/Kg	☼	09/27/25 19:17	09/29/25 13:35	1
Endrin	0.0074	U	0.0074	0.0011	mg/Kg	☼	09/27/25 19:17	09/29/25 13:35	1
Endrin aldehyde	0.0074	U	0.0074	0.0017	mg/Kg	☼	09/27/25 19:17	09/29/25 13:35	1
Endrin ketone	0.0074	U	0.0074	0.0014	mg/Kg	☼	09/27/25 19:17	09/29/25 13:35	1
gamma-BHC (Lindane)	0.0022	U	0.0022	0.00068	mg/Kg	☼	09/27/25 19:17	09/29/25 13:35	1
Heptachlor	0.0074	U	0.0074	0.00087	mg/Kg	☼	09/27/25 19:17	09/29/25 13:35	1
Heptachlor epoxide	0.0074	U	0.0074	0.0011	mg/Kg	☼	09/27/25 19:17	09/29/25 13:35	1

Client Sample ID: 58I_0-5
Date Collected: 09/26/25 09:30
Date Received: 09/26/25 16:20

Lab Sample ID: 460-335806-17
Matrix: Solid
Percent Solids: 90.7

Method: SW846 8081B - Organochlorine Pesticides (GC) (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Methoxychlor	0.0074	U	0.0074	0.0017	mg/Kg	☼	09/27/25 19:17	09/29/25 13:35	1
Toxaphene	0.074	U	0.074	0.027	mg/Kg	☼	09/27/25 19:17	09/29/25 13:35	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
DCB Decachlorobiphenyl	*115*		*10 - 150*	*09/27/25 19:17*	*09/29/25 13:35*	*1*
DCB Decachlorobiphenyl	*152*	*	*10 - 150*	*09/27/25 19:17*	*09/29/25 13:35*	*1*
Tetrachloro-m-xylene	*83*		*14 - 150*	*09/27/25 19:17*	*09/29/25 13:35*	*1*
Tetrachloro-m-xylene	*89*		*14 - 150*	*09/27/25 19:17*	*09/29/25 13:35*	*1*

Method: SW846 8082A - Polychlorinated Biphenyls (PCBs) by Gas Chromatography

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Aroclor 1016	0.074	U	0.074	0.020	mg/Kg	☼	09/27/25 19:15	09/28/25 16:01	1
Aroclor 1221	0.074	U	0.074	0.020	mg/Kg	☼	09/27/25 19:15	09/28/25 16:01	1
Aroclor 1232	0.074	U	0.074	0.020	mg/Kg	☼	09/27/25 19:15	09/28/25 16:01	1
Aroclor 1242	0.074	U	0.074	0.020	mg/Kg	☼	09/27/25 19:15	09/28/25 16:01	1
Aroclor 1248	0.074	U	0.074	0.020	mg/Kg	☼	09/27/25 19:15	09/28/25 16:01	1
Aroclor 1254	0.074	U	0.074	0.020	mg/Kg	☼	09/27/25 19:15	09/28/25 16:01	1
Aroclor 1260	0.074	U	0.074	0.020	mg/Kg	☼	09/27/25 19:15	09/28/25 16:01	1
Aroclor-1262	0.074	U	0.074	0.020	mg/Kg	☼	09/27/25 19:15	09/28/25 16:01	1
Aroclor 1268	0.074	U	0.074	0.020	mg/Kg	☼	09/27/25 19:15	09/28/25 16:01	1
Polychlorinated biphenyls, Total	0.074	U	0.074	0.020	mg/Kg	☼	09/27/25 19:15	09/28/25 16:01	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
DCB Decachlorobiphenyl	*149*		*10 - 150*	*09/27/25 19:15*	*09/28/25 16:01*	*1*
DCB Decachlorobiphenyl	*154*	*	*10 - 150*	*09/27/25 19:15*	*09/28/25 16:01*	*1*
Tetrachloro-m-xylene	*117*		*10 - 150*	*09/27/25 19:15*	*09/28/25 16:01*	*1*
Tetrachloro-m-xylene	*114*		*10 - 150*	*09/27/25 19:15*	*09/28/25 16:01*	*1*

Method: EPA 1633A - Per- and Polyfluoroalkyl Substances by LC/MS/MS, 1633A

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Perfluorobutanoic acid (PFBA)	0.39	U	0.39	0.097	ug/Kg	☼	10/04/25 05:49	10/06/25 02:51	1
Perfluoropentanoic acid (PFPeA)	0.19	U	0.19	0.097	ug/Kg	☼	10/04/25 05:49	10/06/25 02:51	1
Perfluorohexanoic acid (PFHxA)	0.19	U	0.19	0.097	ug/Kg	☼	10/04/25 05:49	10/06/25 02:51	1
Perfluoroheptanoic acid (PFHpA)	0.19	U	0.19	0.097	ug/Kg	☼	10/04/25 05:49	10/06/25 02:51	1
Perfluorooctanoic acid (PFOA)	0.19	U	0.19	0.058	ug/Kg	☼	10/04/25 05:49	10/06/25 02:51	1
Perfluorononanoic acid (PFNA)	**0.16**	**J**	0.19	0.097	ug/Kg	☼	10/04/25 05:49	10/06/25 02:51	1
Perfluorodecanoic acid (PFDA)	**0.28**		0.19	0.058	ug/Kg	☼	10/04/25 05:49	10/06/25 02:51	1
Perfluoroundecanoic acid (PFUnA)	**2.37**		0.19	0.097	ug/Kg	☼	10/04/25 05:49	10/06/25 02:51	1
Perfluorododecanoic acid (PFDoA)	**0.28**		0.19	0.097	ug/Kg	☼	10/04/25 05:49	10/06/25 02:51	1
Perfluorotridecanoic acid (PFTrDA)	**1.33**		0.19	0.097	ug/Kg	☼	10/04/25 05:49	10/06/25 02:51	1
Perfluorotetradecanoic acid (PFTeDA)	0.19	U	0.19	0.097	ug/Kg	☼	10/04/25 05:49	10/06/25 02:51	1
Perfluorobutanesulfonic acid (PFBS)	0.19	U	0.19	0.097	ug/Kg	☼	10/04/25 05:49	10/06/25 02:51	1
Perfluoropentanesulfonic acid (PFPeS)	0.19	U	0.19	0.097	ug/Kg	☼	10/04/25 05:49	10/06/25 02:51	1
Perfluorohexanesulfonic acid (PFHxS)	0.19	U	0.19	0.097	ug/Kg	☼	10/04/25 05:49	10/06/25 02:51	1
Perfluoroheptanesulfonic acid (PFHpS)	0.19	U	0.19	0.097	ug/Kg	☼	10/04/25 05:49	10/06/25 02:51	1
Perfluorooctanesulfonic acid (PFOS)	0.19	U	0.19	0.097	ug/Kg	☼	10/04/25 05:49	10/06/25 02:51	1
Perfluorononanesulfonic acid (PFNS)	0.19	U	0.19	0.097	ug/Kg	☼	10/04/25 05:49	10/06/25 02:51	1

Client Sample ID: 58I_0-5
Date Collected: 09/26/25 09:30
Date Received: 09/26/25 16:20

Lab Sample ID: 460-335806-17
Matrix: Solid
Percent Solids: 90.7

Method: EPA 1633A - Per- and Polyfluoroalkyl Substances by LC/MS/MS, 1633A (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Perfluorodecanesulfonic acid (PFDS)	0.19	U *	0.19	0.097	ug/Kg	☼	10/04/25 05:49	10/06/25 02:51	1
Perfluorododecanesulfonic acid (PFDoS)	0.19	U *	0.19	0.097	ug/Kg	☼	10/04/25 05:49	10/06/25 02:51	1
1H,1H,2H,2H-Perfluorohexane sulfonic acid (4:2 FTS)	0.39	U	0.39	0.19	ug/Kg	☼	10/04/25 05:49	10/06/25 02:51	1
1H,1H,2H,2H-Perfluorooctane sulfonic acid (6:2 FTS)	0.39	U	0.39	0.19	ug/Kg	☼	10/04/25 05:49	10/06/25 02:51	1
1H,1H,2H,2H-Perfluorodecane sulfonic acid (8:2 FTS)	0.39	U	0.39	0.19	ug/Kg	☼	10/04/25 05:49	10/06/25 02:51	1
Perfluorooctanesulfonamide (PFOSA)	0.19	U	0.19	0.097	ug/Kg	☼	10/04/25 05:49	10/06/25 02:51	1
N-methylperfluorooctane sulfonamide (NMeFOSA)	0.19	U	0.19	0.097	ug/Kg	☼	10/04/25 05:49	10/06/25 02:51	1
N-ethylperfluorooctane sulfonamide (NEtFOSA)	0.19	U	0.19	0.097	ug/Kg	☼	10/04/25 05:49	10/06/25 02:51	1
N-methylperfluorooctanesulfonamidoacetic acid (NMeFOSAA)	0.19	U	0.19	0.097	ug/Kg	☼	10/04/25 05:49	10/06/25 02:51	1
N-ethylperfluorooctanesulfonamidoacetic acid (NEtFOSAA)	0.19	U	0.19	0.097	ug/Kg	☼	10/04/25 05:49	10/06/25 02:51	1
N-methylperfluorooctane sulfonamidoethanol (NMeFOSE)	0.97	U	0.97	0.49	ug/Kg	☼	10/04/25 05:49	10/06/25 02:51	1
N-ethylperfluorooctane sulfonamidoethanol (NEtFOSE)	0.97	U	0.97	0.49	ug/Kg	☼	10/04/25 05:49	10/06/25 02:51	1
Hexafluoropropylene Oxide Dimer Acid (HFPO-DA)	0.19	U	0.19	0.097	ug/Kg	☼	10/04/25 05:49	10/06/25 02:51	1
4,8-Dioxa-3H-perfluorononanoic acid (ADONA)	0.19	U	0.19	0.097	ug/Kg	☼	10/04/25 05:49	10/06/25 02:51	1
Perfluoro-3-methoxypropanoic acid (PFMPA)	0.19	U	0.19	0.097	ug/Kg	☼	10/04/25 05:49	10/06/25 02:51	1
Perfluoro-4-methoxybutanoic acid (PFMBA)	0.19	U	0.19	0.097	ug/Kg	☼	10/04/25 05:49	10/06/25 02:51	1
Nonafluoro-3,6-dioxaheptanoic acid (NFDHA)	0.19	U	0.19	0.097	ug/Kg	☼	10/04/25 05:49	10/06/25 02:51	1
9-Chlorohexadecafluoro-3-oxanonane-1-sulfonic acid (9Cl-PF3ONS)	0.19	U	0.19	0.097	ug/Kg	☼	10/04/25 05:49	10/06/25 02:51	1
11-Chloroeicosafluoro-3-oxaundecane-1-sulfonic acid (11Cl-PF3OUdS)	0.19	U *	0.19	0.097	ug/Kg	☼	10/04/25 05:49	10/06/25 02:51	1
Perfluoro (2-ethoxyethane) sulfonic acid (PFEESA)	0.19	U	0.19	0.097	ug/Kg	☼	10/04/25 05:49	10/06/25 02:51	1
3-Perfluoropropylpropanoic acid (3:3 FTCA)	0.39	U	0.39	0.19	ug/Kg	☼	10/04/25 05:49	10/06/25 02:51	1
3-Perfluoropentylpropanoic acid (5:3 FTCA)	0.97	U	0.97	0.49	ug/Kg	☼	10/04/25 05:49	10/06/25 02:51	1
3-Perfluoroheptylpropanoic acid (7:3 FTCA)	0.97	U	0.97	0.49	ug/Kg	☼	10/04/25 05:49	10/06/25 02:51	1

Isotope Dilution	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
13C4 PFBA	*131*	*	*8 - 130*	*10/04/25 05:49*	*10/06/25 02:51*	*1*
13C5 PFPeA	*123*		*35 - 130*	*10/04/25 05:49*	*10/06/25 02:51*	*1*
13C5 PFHxA	*121*		*40 - 130*	*10/04/25 05:49*	*10/06/25 02:51*	*1*
13C4 PFHpA	*126*		*40 - 130*	*10/04/25 05:49*	*10/06/25 02:51*	*1*
13C8 PFOA	*113*		*40 - 130*	*10/04/25 05:49*	*10/06/25 02:51*	*1*
13C9 PFNA	*96.8*		*40 - 130*	*10/04/25 05:49*	*10/06/25 02:51*	*1*
13C6 PFDA	*89.2*		*40 - 130*	*10/04/25 05:49*	*10/06/25 02:51*	*1*
13C7 PFUnA	*81.7*		*40 - 130*	*10/04/25 05:49*	*10/06/25 02:51*	*1*
13C2 PFTeDA	*58.3*		*20 - 130*	*10/04/25 05:49*	*10/06/25 02:51*	*1*

Client Sample ID: 58I_0-5
Date Collected: 09/26/25 09:30
Date Received: 09/26/25 16:20

Lab Sample ID: 460-335806-17
Matrix: Solid
Percent Solids: 90.7

Method: EPA 1633A - Per- and Polyfluoroalkyl Substances by LC/MS/MS, 1633A (Continued)

Isotope Dilution	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
13C3 PFBS	132		40 - 135	10/04/25 05:49	10/06/25 02:51	1
13C3 PFHxS	105		40 - 130	10/04/25 05:49	10/06/25 02:51	1
13C8 PFOS	91.8		40 - 130	10/04/25 05:49	10/06/25 02:51	1
13C8 FOSA	87.4		40 - 130	10/04/25 05:49	10/06/25 02:51	1
d3-NMeFOSAA	68.1		40 - 135	10/04/25 05:49	10/06/25 02:51	1
d5-NEtFOSAA	80.0		40 - 150	10/04/25 05:49	10/06/25 02:51	1
13C2 4:2 FTS	146		40 - 165	10/04/25 05:49	10/06/25 02:51	1
13C2 6:2 FTS	123		40 - 215	10/04/25 05:49	10/06/25 02:51	1
13C2 8:2 FTS	76.5		40 - 275	10/04/25 05:49	10/06/25 02:51	1
13C3 HFPO-DA	122		40 - 130	10/04/25 05:49	10/06/25 02:51	1
d7-N-MeFOSE-M	30.8		20 - 130	10/04/25 05:49	10/06/25 02:51	1
d9-N-EtFOSE-M	22.3		15 - 130	10/04/25 05:49	10/06/25 02:51	1
d5-NEtPFOSA	63.4		10 - 130	10/04/25 05:49	10/06/25 02:51	1
d3-NMePFOSA	72.1		10 - 130	10/04/25 05:49	10/06/25 02:51	1
13C2 PFDoA	66.8		40 - 130	10/04/25 05:49	10/06/25 02:51	1

Method: SW846 6020B - Metals (ICP/MS)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Aluminum	6740		19.4	5.3	mg/Kg	☼	10/03/25 07:27	10/03/25 22:37	1
Antimony	0.61	J	0.97	0.14	mg/Kg	☼	10/03/25 07:27	10/03/25 22:37	1
Arsenic	7.4		0.97	0.10	mg/Kg	☼	10/03/25 07:27	10/03/25 22:37	1
Barium	33.5		1.9	0.14	mg/Kg	☼	10/03/25 07:27	10/03/25 22:37	1
Beryllium	0.45		0.39	0.021	mg/Kg	☼	10/03/25 07:27	10/03/25 22:37	1
Cadmium	0.33	J	0.97	0.11	mg/Kg	☼	10/03/25 07:27	10/03/25 22:37	1
Calcium	2940		96.8	9.4	mg/Kg	☼	10/03/25 07:27	10/03/25 22:37	1
Chromium	13.8		1.9	0.29	mg/Kg	☼	10/03/25 07:27	10/03/25 22:37	1
Cobalt	6.0		0.97	0.14	mg/Kg	☼	10/03/25 07:27	10/03/25 22:37	1
Copper	41.7		1.9	0.36	mg/Kg	☼	10/03/25 07:27	10/03/25 22:37	1
Iron	18300		58.1	7.4	mg/Kg	☼	10/03/25 07:27	10/03/25 22:37	1
Lead	56.1		0.58	0.19	mg/Kg	☼	10/03/25 07:27	10/03/25 22:37	1
Magnesium	3100		96.8	9.9	mg/Kg	☼	10/03/25 07:27	10/03/25 22:37	1
Manganese	225		3.9	0.39	mg/Kg	☼	10/03/25 07:27	10/03/25 22:37	1
Nickel	12.4		1.9	0.17	mg/Kg	☼	10/03/25 07:27	10/03/25 22:37	1
Potassium	869		96.8	15.7	mg/Kg	☼	10/03/25 07:27	10/03/25 22:37	1
Selenium	0.19	J	1.2	0.12	mg/Kg	☼	10/03/25 07:27	10/03/25 22:37	1
Silver	0.22	J	0.39	0.086	mg/Kg	☼	10/03/25 07:27	10/03/25 22:37	1
Sodium	79.7	J	96.8	44.2	mg/Kg	☼	10/03/25 07:27	10/03/25 22:37	1
Thallium	0.075	J	0.39	0.040	mg/Kg	☼	10/03/25 07:27	10/03/25 22:37	1
Vanadium	23.5		1.9	0.20	mg/Kg	☼	10/03/25 07:27	10/03/25 22:37	1
Zinc	61.1		7.7	1.1	mg/Kg	☼	10/03/25 07:27	10/03/25 22:37	1

Method: SW846 7471B - Mercury (CVAA)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	0.029		0.018	0.0085	mg/Kg	☼	10/03/25 02:15	10/03/25 11:06	1

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Percent Moisture (EPA Moisture)	9.3		1.0	1.0	%			10/01/25 18:45	1
Percent Solids (EPA Moisture)	90.7		1.0	1.0	%			10/01/25 18:45	1

Client Sample ID: 58I_5-10
Date Collected: 09/26/25 09:35
Date Received: 09/26/25 16:20

Lab Sample ID: 460-335806-18
Matrix: Solid
Percent Solids: 90.0

Method: SW846 8270E - Semivolatile Organic Compounds (GC/MS)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1'-Biphenyl	0.37	U	0.37	0.013	mg/Kg	☼	09/27/25 07:27	09/27/25 17:01	1
1,2,4,5-Tetrachlorobenzene	0.37	U	0.37	0.011	mg/Kg	☼	09/27/25 07:27	09/27/25 17:01	1
1,4-Dioxane	0.037	U	0.037	0.032	mg/Kg	☼	09/27/25 07:27	09/27/25 17:01	1
2,2'-oxybis[1-chloropropane]	0.37	U	0.37	0.022	mg/Kg	☼	09/27/25 07:27	09/27/25 17:01	1
2,3,4,6-Tetrachlorophenol	0.37	U	0.37	0.025	mg/Kg	☼	09/27/25 07:27	09/27/25 17:01	1
2,4,5-Trichlorophenol	0.37	U	0.37	0.037	mg/Kg	☼	09/27/25 07:27	09/27/25 17:01	1
2,4,6-Trichlorophenol	0.15	U	0.15	0.047	mg/Kg	☼	09/27/25 07:27	09/27/25 17:01	1
2,4-Dichlorophenol	0.15	U	0.15	0.024	mg/Kg	☼	09/27/25 07:27	09/27/25 17:01	1
2,4-Dimethylphenol	0.37	U	0.37	0.044	mg/Kg	☼	09/27/25 07:27	09/27/25 17:01	1
2,4-Dinitrophenol	0.30	U	0.30	0.18	mg/Kg	☼	09/27/25 07:27	09/27/25 17:01	1
2,4-Dinitrotoluene	0.074	U	0.074	0.040	mg/Kg	☼	09/27/25 07:27	09/27/25 17:01	1
2,6-Dinitrotoluene	0.074	U	0.074	0.027	mg/Kg	☼	09/27/25 07:27	09/27/25 17:01	1
2-Chloronaphthalene	0.37	U	0.37	0.047	mg/Kg	☼	09/27/25 07:27	09/27/25 17:01	1
2-Chlorophenol	0.37	U	0.37	0.013	mg/Kg	☼	09/27/25 07:27	09/27/25 17:01	1
2-Methylnaphthalene	0.37	U	0.37	0.010	mg/Kg	☼	09/27/25 07:27	09/27/25 17:01	1
2-Methylphenol	0.37	U	0.37	0.014	mg/Kg	☼	09/27/25 07:27	09/27/25 17:01	1
2-Nitroaniline	0.37	U	0.37	0.028	mg/Kg	☼	09/27/25 07:27	09/27/25 17:01	1
2-Nitrophenol	0.37	U	0.37	0.037	mg/Kg	☼	09/27/25 07:27	09/27/25 17:01	1
3 & 4 Methylphenol	0.37	U	0.37	0.023	mg/Kg	☼	09/27/25 07:27	09/27/25 17:01	1
3,3'-Dichlorobenzidine	0.15	U	0.15	0.055	mg/Kg	☼	09/27/25 07:27	09/27/25 17:01	1
3-Nitroaniline	0.37	U	0.37	0.087	mg/Kg	☼	09/27/25 07:27	09/27/25 17:01	1
4,6-Dinitro-2-methylphenol	0.30	U	0.30	0.15	mg/Kg	☼	09/27/25 07:27	09/27/25 17:01	1
4-Bromophenyl phenyl ether	0.37	U	0.37	0.015	mg/Kg	☼	09/27/25 07:27	09/27/25 17:01	1
4-Chloro-3-methylphenol	0.37	U	0.37	0.021	mg/Kg	☼	09/27/25 07:27	09/27/25 17:01	1
4-Chloroaniline	0.37	U	0.37	0.065	mg/Kg	☼	09/27/25 07:27	09/27/25 17:01	1
4-Chlorophenyl phenyl ether	0.37	U	0.37	0.013	mg/Kg	☼	09/27/25 07:27	09/27/25 17:01	1
4-Methylphenol	0.37	U	0.37	0.023	mg/Kg	☼	09/27/25 07:27	09/27/25 17:01	1
4-Nitroaniline	0.37	U	0.37	0.093	mg/Kg	☼	09/27/25 07:27	09/27/25 17:01	1
4-Nitrophenol	0.74	U	0.74	0.060	mg/Kg	☼	09/27/25 07:27	09/27/25 17:01	1
Acenaphthene	0.37	U	0.37	0.010	mg/Kg	☼	09/27/25 07:27	09/27/25 17:01	1
Acenaphthylene	0.37	U	0.37	0.011	mg/Kg	☼	09/27/25 07:27	09/27/25 17:01	1
Acetophenone	0.37	U	0.37	0.018	mg/Kg	☼	09/27/25 07:27	09/27/25 17:01	1
Anthracene	0.37	U	0.37	0.011	mg/Kg	☼	09/27/25 07:27	09/27/25 17:01	1
Atrazine	0.15	U *	0.15	0.022	mg/Kg	☼	09/27/25 07:27	09/27/25 17:01	1
Benzaldehyde	0.37	U *	0.37	0.061	mg/Kg	☼	09/27/25 07:27	09/27/25 17:01	1
Benzo[a]anthracene	0.037	U	0.037	0.028	mg/Kg	☼	09/27/25 07:27	09/27/25 17:01	1
Benzo[a]pyrene	0.037	U	0.037	0.0098	mg/Kg	☼	09/27/25 07:27	09/27/25 17:01	1
Benzo[b]fluoranthene	**0.011**	**J**	0.037	0.0095	mg/Kg	☼	09/27/25 07:27	09/27/25 17:01	1
Benzo[g,h,i]perylene	0.37	U	0.37	0.011	mg/Kg	☼	09/27/25 07:27	09/27/25 17:01	1
Benzo[k]fluoranthene	0.037	U	0.037	0.0072	mg/Kg	☼	09/27/25 07:27	09/27/25 17:01	1
Bis(2-chloroethoxy)methane	0.37	U	0.37	0.068	mg/Kg	☼	09/27/25 07:27	09/27/25 17:01	1
Bis(2-chloroethyl)ether	0.037	U	0.037	0.013	mg/Kg	☼	09/27/25 07:27	09/27/25 17:01	1
Bis(2-ethylhexyl) phthalate	0.37	U	0.37	0.019	mg/Kg	☼	09/27/25 07:27	09/27/25 17:01	1
Butyl benzyl phthalate	0.37	U	0.37	0.017	mg/Kg	☼	09/27/25 07:27	09/27/25 17:01	1
Caprolactam	0.37	U	0.37	0.057	mg/Kg	☼	09/27/25 07:27	09/27/25 17:01	1
Carbazole	0.37	U	0.37	0.014	mg/Kg	☼	09/27/25 07:27	09/27/25 17:01	1
Chrysene	0.37	U	0.37	0.015	mg/Kg	☼	09/27/25 07:27	09/27/25 17:01	1
Dibenz(a,h)anthracene	0.037	U	0.037	0.016	mg/Kg	☼	09/27/25 07:27	09/27/25 17:01	1
Dibenzofuran	0.37	U	0.37	0.012	mg/Kg	☼	09/27/25 07:27	09/27/25 17:01	1

Client Sample ID: 58I_5-10
Date Collected: 09/26/25 09:35
Date Received: 09/26/25 16:20

Lab Sample ID: 460-335806-18
Matrix: Solid
Percent Solids: 90.0

Method: SW846 8270E - Semivolatile Organic Compounds (GC/MS) (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Diethyl phthalate	0.37	U	0.37	0.012	mg/Kg	☼	09/27/25 07:27	09/27/25 17:01	1
Dimethyl phthalate	0.37	U	0.37	0.083	mg/Kg	☼	09/27/25 07:27	09/27/25 17:01	1
Di-n-butyl phthalate	0.37	U	0.37	0.014	mg/Kg	☼	09/27/25 07:27	09/27/25 17:01	1
Di-n-octyl phthalate	0.37	U	0.37	0.019	mg/Kg	☼	09/27/25 07:27	09/27/25 17:01	1
Fluoranthene	0.37	U	0.37	0.013	mg/Kg	☼	09/27/25 07:27	09/27/25 17:01	1
Fluorene	0.37	U	0.37	0.011	mg/Kg	☼	09/27/25 07:27	09/27/25 17:01	1
Hexachlorobenzene	0.037	U	0.037	0.017	mg/Kg	☼	09/27/25 07:27	09/27/25 17:01	1
Hexachlorobutadiene	0.074	U	0.074	0.0078	mg/Kg	☼	09/27/25 07:27	09/27/25 17:01	1
Hexachlorocyclopentadiene	0.37	U	0.37	0.032	mg/Kg	☼	09/27/25 07:27	09/27/25 17:01	1
Hexachloroethane	0.037	U	0.037	0.013	mg/Kg	☼	09/27/25 07:27	09/27/25 17:01	1
Indeno[1,2,3-cd]pyrene	**0.027**	**J**	0.037	0.014	mg/Kg	☼	09/27/25 07:27	09/27/25 17:01	1
Isophorone	0.15	U	0.15	0.11	mg/Kg	☼	09/27/25 07:27	09/27/25 17:01	1
Naphthalene	0.37	U	0.37	0.0063	mg/Kg	☼	09/27/25 07:27	09/27/25 17:01	1
Nitrobenzene	0.037	U	0.037	0.020	mg/Kg	☼	09/27/25 07:27	09/27/25 17:01	1
N-Nitrosodi-n-propylamine	0.037	U	0.037	0.027	mg/Kg	☼	09/27/25 07:27	09/27/25 17:01	1
N-Nitrosodiphenylamine	0.37	U	0.37	0.030	mg/Kg	☼	09/27/25 07:27	09/27/25 17:01	1
Pentachlorophenol	0.30	U	0.30	0.075	mg/Kg	☼	09/27/25 07:27	09/27/25 17:01	1
Phenanthrene	0.37	U	0.37	0.015	mg/Kg	☼	09/27/25 07:27	09/27/25 17:01	1
Phenol	0.37	U	0.37	0.014	mg/Kg	☼	09/27/25 07:27	09/27/25 17:01	1
Pyrene	**0.010**	**J**	0.37	0.0091	mg/Kg	☼	09/27/25 07:27	09/27/25 17:01	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
2,4,6-Tribromophenol (Surr)	*73*		*18 - 137*	*09/27/25 07:27*	*09/27/25 17:01*	*1*
2-Fluorobiphenyl	*69*		*33 - 117*	*09/27/25 07:27*	*09/27/25 17:01*	*1*
2-Fluorophenol (Surr)	*76*		*24 - 120*	*09/27/25 07:27*	*09/27/25 17:01*	*1*
Nitrobenzene-d5 (Surr)	*74*		*27 - 120*	*09/27/25 07:27*	*09/27/25 17:01*	*1*
Phenol-d5 (Surr)	*74*		*28 - 118*	*09/27/25 07:27*	*09/27/25 17:01*	*1*
Terphenyl-d14 (Surr)	*76*		*33 - 124*	*09/27/25 07:27*	*09/27/25 17:01*	*1*

Method: SW846 8081B - Organochlorine Pesticides (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
4,4'-DDD	0.0074	U	0.0074	0.0013	mg/Kg	☼	09/27/25 19:17	09/29/25 13:48	1
4,4'-DDE	0.0074	U	0.0074	0.00088	mg/Kg	☼	09/27/25 19:17	09/29/25 13:48	1
4,4'-DDT	0.0074	U	0.0074	0.0014	mg/Kg	☼	09/27/25 19:17	09/29/25 13:48	1
Aldrin	0.0074	U	0.0074	0.0011	mg/Kg	☼	09/27/25 19:17	09/29/25 13:48	1
alpha-BHC	0.0022	U	0.0022	0.00076	mg/Kg	☼	09/27/25 19:17	09/29/25 13:48	1
beta-BHC	0.0022	U	0.0022	0.00083	mg/Kg	☼	09/27/25 19:17	09/29/25 13:48	1
Chlordane (technical)	0.074	U	0.074	0.018	mg/Kg	☼	09/27/25 19:17	09/29/25 13:48	1
cis-Chlordane	0.0074	U	0.0074	0.0012	mg/Kg	☼	09/27/25 19:17	09/29/25 13:48	1
delta-BHC	0.0022	U	0.0022	0.00046	mg/Kg	☼	09/27/25 19:17	09/29/25 13:48	1
Dieldrin	0.0022	U	0.0022	0.00097	mg/Kg	☼	09/27/25 19:17	09/29/25 13:48	1
Endosulfan I	0.0074	U	0.0074	0.0011	mg/Kg	☼	09/27/25 19:17	09/29/25 13:48	1
Endosulfan II	0.0074	U	0.0074	0.0019	mg/Kg	☼	09/27/25 19:17	09/29/25 13:48	1
Endosulfan sulfate	0.0074	U	0.0074	0.00093	mg/Kg	☼	09/27/25 19:17	09/29/25 13:48	1
Endrin	0.0074	U	0.0074	0.0011	mg/Kg	☼	09/27/25 19:17	09/29/25 13:48	1
Endrin aldehyde	0.0074	U	0.0074	0.0018	mg/Kg	☼	09/27/25 19:17	09/29/25 13:48	1
Endrin ketone	0.0074	U	0.0074	0.0014	mg/Kg	☼	09/27/25 19:17	09/29/25 13:48	1
gamma-BHC (Lindane)	0.0022	U	0.0022	0.00069	mg/Kg	☼	09/27/25 19:17	09/29/25 13:48	1
Heptachlor	0.0074	U	0.0074	0.00088	mg/Kg	☼	09/27/25 19:17	09/29/25 13:48	1
Heptachlor epoxide	0.0074	U	0.0074	0.0011	mg/Kg	☼	09/27/25 19:17	09/29/25 13:48	1

Client Sample ID: 58I_5-10
Date Collected: 09/26/25 09:35
Date Received: 09/26/25 16:20

Lab Sample ID: 460-335806-18
Matrix: Solid
Percent Solids: 90.0

Method: SW846 8081B - Organochlorine Pesticides (GC) (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Methoxychlor	0.0074	U	0.0074	0.0017	mg/Kg	☼	09/27/25 19:17	09/29/25 13:48	1
Toxaphene	0.074	U	0.074	0.027	mg/Kg	☼	09/27/25 19:17	09/29/25 13:48	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
DCB Decachlorobiphenyl	*110*		*10 - 150*	*09/27/25 19:17*	*09/29/25 13:48*	*1*
DCB Decachlorobiphenyl	*131*		*10 - 150*	*09/27/25 19:17*	*09/29/25 13:48*	*1*
Tetrachloro-m-xylene	*95*		*14 - 150*	*09/27/25 19:17*	*09/29/25 13:48*	*1*
Tetrachloro-m-xylene	*86*		*14 - 150*	*09/27/25 19:17*	*09/29/25 13:48*	*1*

Method: SW846 8082A - Polychlorinated Biphenyls (PCBs) by Gas Chromatography

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Aroclor 1016	0.074	U	0.074	0.020	mg/Kg	☼	09/27/25 19:15	09/28/25 16:24	1
Aroclor 1221	0.074	U	0.074	0.020	mg/Kg	☼	09/27/25 19:15	09/28/25 16:24	1
Aroclor 1232	0.074	U	0.074	0.020	mg/Kg	☼	09/27/25 19:15	09/28/25 16:24	1
Aroclor 1242	0.074	U	0.074	0.020	mg/Kg	☼	09/27/25 19:15	09/28/25 16:24	1
Aroclor 1248	0.074	U	0.074	0.020	mg/Kg	☼	09/27/25 19:15	09/28/25 16:24	1
Aroclor 1254	0.074	U	0.074	0.020	mg/Kg	☼	09/27/25 19:15	09/28/25 16:24	1
Aroclor 1260	0.074	U	0.074	0.020	mg/Kg	☼	09/27/25 19:15	09/28/25 16:24	1
Aroclor-1262	0.074	U	0.074	0.020	mg/Kg	☼	09/27/25 19:15	09/28/25 16:24	1
Aroclor 1268	0.074	U	0.074	0.020	mg/Kg	☼	09/27/25 19:15	09/28/25 16:24	1
Polychlorinated biphenyls, Total	0.074	U	0.074	0.020	mg/Kg	☼	09/27/25 19:15	09/28/25 16:24	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
DCB Decachlorobiphenyl	*141*		*10 - 150*	*09/27/25 19:15*	*09/28/25 16:24*	*1*
DCB Decachlorobiphenyl	*144*		*10 - 150*	*09/27/25 19:15*	*09/28/25 16:24*	*1*
Tetrachloro-m-xylene	*115*		*10 - 150*	*09/27/25 19:15*	*09/28/25 16:24*	*1*
Tetrachloro-m-xylene	*114*		*10 - 150*	*09/27/25 19:15*	*09/28/25 16:24*	*1*

Method: EPA 1633A - Per- and Polyfluoroalkyl Substances by LC/MS/MS, 1633A

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Perfluorobutanoic acid (PFBA)	0.38	U	0.38	0.096	ug/Kg	☼	10/04/25 05:49	10/06/25 03:05	1
Perfluoropentanoic acid (PFPeA)	0.19	U	0.19	0.096	ug/Kg	☼	10/04/25 05:49	10/06/25 03:05	1
Perfluorohexanoic acid (PFHxA)	0.19	U	0.19	0.096	ug/Kg	☼	10/04/25 05:49	10/06/25 03:05	1
Perfluoroheptanoic acid (PFHpA)	0.19	U	0.19	0.096	ug/Kg	☼	10/04/25 05:49	10/06/25 03:05	1
Perfluorooctanoic acid (PFOA)	**0.073**	**J**	0.19	0.057	ug/Kg	☼	10/04/25 05:49	10/06/25 03:05	1
Perfluorononanoic acid (PFNA)	**0.85**		0.19	0.096	ug/Kg	☼	10/04/25 05:49	10/06/25 03:05	1
Perfluorodecanoic acid (PFDA)	**0.41**		0.19	0.057	ug/Kg	☼	10/04/25 05:49	10/06/25 03:05	1
Perfluoroundecanoic acid (PFUnA)	**0.90**		0.19	0.096	ug/Kg	☼	10/04/25 05:49	10/06/25 03:05	1
Perfluorododecanoic acid (PFDoA)	**0.20**		0.19	0.096	ug/Kg	☼	10/04/25 05:49	10/06/25 03:05	1
Perfluorotridecanoic acid (PFTrDA)	**0.63**		0.19	0.096	ug/Kg	☼	10/04/25 05:49	10/06/25 03:05	1
Perfluorotetradecanoic acid (PFTeDA)	0.19	U	0.19	0.096	ug/Kg	☼	10/04/25 05:49	10/06/25 03:05	1
Perfluorobutanesulfonic acid (PFBS)	0.19	U	0.19	0.096	ug/Kg	☼	10/04/25 05:49	10/06/25 03:05	1
Perfluoropentanesulfonic acid (PFPeS)	0.19	U	0.19	0.096	ug/Kg	☼	10/04/25 05:49	10/06/25 03:05	1
Perfluorohexanesulfonic acid (PFHxS)	0.19	U	0.19	0.096	ug/Kg	☼	10/04/25 05:49	10/06/25 03:05	1
Perfluoroheptanesulfonic acid (PFHpS)	0.19	U	0.19	0.096	ug/Kg	☼	10/04/25 05:49	10/06/25 03:05	1
Perfluorooctanesulfonic acid (PFOS)	**0.11**	**J**	0.19	0.096	ug/Kg	☼	10/04/25 05:49	10/06/25 03:05	1

Client Sample ID: 58I_5-10
Date Collected: 09/26/25 09:35
Date Received: 09/26/25 16:20

Lab Sample ID: 460-335806-18
Matrix: Solid
Percent Solids: 90.0

Method: EPA 1633A - Per- and Polyfluoroalkyl Substances by LC/MS/MS, 1633A (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Perfluorononanesulfonic acid (PFNS)	0.19	U	0.19	0.096	ug/Kg	☼	10/04/25 05:49	10/06/25 03:05	1
Perfluorodecanesulfonic acid (PFDS)	0.19	U *	0.19	0.096	ug/Kg	☼	10/04/25 05:49	10/06/25 03:05	1
Perfluorododecanesulfonic acid (PFDoS)	0.19	U *	0.19	0.096	ug/Kg	☼	10/04/25 05:49	10/06/25 03:05	1
1H,1H,2H,2H-Perfluorohexane sulfonic acid (4:2 FTS)	0.38	U	0.38	0.19	ug/Kg	☼	10/04/25 05:49	10/06/25 03:05	1
1H,1H,2H,2H-Perfluorooctane sulfonic acid (6:2 FTS)	0.38	U	0.38	0.19	ug/Kg	☼	10/04/25 05:49	10/06/25 03:05	1
1H,1H,2H,2H-Perfluorodecane sulfonic acid (8:2 FTS)	0.38	U	0.38	0.19	ug/Kg	☼	10/04/25 05:49	10/06/25 03:05	1
Perfluorooctanesulfonamide (PFOSA)	0.19	U	0.19	0.096	ug/Kg	☼	10/04/25 05:49	10/06/25 03:05	1
N-methylperfluorooctane sulfonamide (NMeFOSA)	0.19	U	0.19	0.096	ug/Kg	☼	10/04/25 05:49	10/06/25 03:05	1
N-ethylperfluorooctane sulfonamide (NEtFOSA)	0.19	U	0.19	0.096	ug/Kg	☼	10/04/25 05:49	10/06/25 03:05	1
N-methylperfluorooctanesulfonamidoacetic acid (NMeFOSAA)	0.19	U	0.19	0.096	ug/Kg	☼	10/04/25 05:49	10/06/25 03:05	1
N-ethylperfluorooctanesulfonamidoacetic acid (NEtFOSAA)	0.19	U	0.19	0.096	ug/Kg	☼	10/04/25 05:49	10/06/25 03:05	1
N-methylperfluorooctane sulfonamidoethanol (NMeFOSE)	0.96	U	0.96	0.48	ug/Kg	☼	10/04/25 05:49	10/06/25 03:05	1
N-ethylperfluorooctane sulfonamidoethanol (NEtFOSE)	0.96	U	0.96	0.48	ug/Kg	☼	10/04/25 05:49	10/06/25 03:05	1
Hexafluoropropylene Oxide Dimer Acid (HFPO-DA)	0.19	U	0.19	0.096	ug/Kg	☼	10/04/25 05:49	10/06/25 03:05	1
4,8-Dioxa-3H-perfluorononanoic acid (ADONA)	0.19	U	0.19	0.096	ug/Kg	☼	10/04/25 05:49	10/06/25 03:05	1
Perfluoro-3-methoxypropanoic acid (PFMPA)	0.19	U	0.19	0.096	ug/Kg	☼	10/04/25 05:49	10/06/25 03:05	1
Perfluoro-4-methoxybutanoic acid (PFMBA)	0.19	U	0.19	0.096	ug/Kg	☼	10/04/25 05:49	10/06/25 03:05	1
Nonafluoro-3,6-dioxaheptanoic acid (NFDHA)	0.19	U	0.19	0.096	ug/Kg	☼	10/04/25 05:49	10/06/25 03:05	1
9-Chlorohexadecafluoro-3-oxanonane-1-sulfonic acid (9Cl-PF3ONS)	0.19	U	0.19	0.096	ug/Kg	☼	10/04/25 05:49	10/06/25 03:05	1
11-Chloroeicosafluoro-3-oxaundecane-1-sulfonic acid (11Cl-PF3OUdS)	0.19	U *	0.19	0.096	ug/Kg	☼	10/04/25 05:49	10/06/25 03:05	1
Perfluoro (2-ethoxyethane) sulfonic acid (PFEESA)	0.19	U	0.19	0.096	ug/Kg	☼	10/04/25 05:49	10/06/25 03:05	1
3-Perfluoropropylpropanoic acid (3:3 FTCA)	0.38	U	0.38	0.19	ug/Kg	☼	10/04/25 05:49	10/06/25 03:05	1
3-Perfluoropentylpropanoic acid (5:3 FTCA)	0.96	U	0.96	0.48	ug/Kg	☼	10/04/25 05:49	10/06/25 03:05	1
3-Perfluoroheptylpropanoic acid (7:3 FTCA)	0.96	U	0.96	0.48	ug/Kg	☼	10/04/25 05:49	10/06/25 03:05	1

Isotope Dilution	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
13C4 PFBA	*112*		*8 - 130*	*10/04/25 05:49*	*10/06/25 03:05*	*1*
13C5 PFPeA	*107*		*35 - 130*	*10/04/25 05:49*	*10/06/25 03:05*	*1*
13C5 PFHxA	*104*		*40 - 130*	*10/04/25 05:49*	*10/06/25 03:05*	*1*
13C4 PFHpA	*114*		*40 - 130*	*10/04/25 05:49*	*10/06/25 03:05*	*1*
13C8 PFOA	*91.5*		*40 - 130*	*10/04/25 05:49*	*10/06/25 03:05*	*1*
13C9 PFNA	*94.8*		*40 - 130*	*10/04/25 05:49*	*10/06/25 03:05*	*1*
13C6 PFDA	*93.9*		*40 - 130*	*10/04/25 05:49*	*10/06/25 03:05*	*1*
13C7 PFUnA	*89.2*		*40 - 130*	*10/04/25 05:49*	*10/06/25 03:05*	*1*

Client Sample ID: 58I_5-10

Date Collected: 09/26/25 09:35
Date Received: 09/26/25 16:20

Lab Sample ID: 460-335806-18

Matrix: Solid
Percent Solids: 90.0

Method: EPA 1633A - Per- and Polyfluoroalkyl Substances by LC/MS/MS, 1633A (Continued)

Isotope Dilution	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
13C2 PFTeDA	58.9		20 - 130	10/04/25 05:49	10/06/25 03:05	1
13C3 PFBS	116		40 - 135	10/04/25 05:49	10/06/25 03:05	1
13C3 PFHxS	95.7		40 - 130	10/04/25 05:49	10/06/25 03:05	1
13C8 PFOS	88.0		40 - 130	10/04/25 05:49	10/06/25 03:05	1
13C8 FOSA	82.0		40 - 130	10/04/25 05:49	10/06/25 03:05	1
d3-NMeFOSAA	66.7		40 - 135	10/04/25 05:49	10/06/25 03:05	1
d5-NEtFOSAA	93.4		40 - 150	10/04/25 05:49	10/06/25 03:05	1
13C2 4:2 FTS	124		40 - 165	10/04/25 05:49	10/06/25 03:05	1
13C2 6:2 FTS	110		40 - 215	10/04/25 05:49	10/06/25 03:05	1
13C2 8:2 FTS	71.8		40 - 275	10/04/25 05:49	10/06/25 03:05	1
13C3 HFPO-DA	107		40 - 130	10/04/25 05:49	10/06/25 03:05	1
d7-N-MeFOSE-M	42.0		20 - 130	10/04/25 05:49	10/06/25 03:05	1
d9-N-EtFOSE-M	30.2		15 - 130	10/04/25 05:49	10/06/25 03:05	1
d5-NEtPFOSA	62.3		10 - 130	10/04/25 05:49	10/06/25 03:05	1
d3-NMePFOSA	70.6		10 - 130	10/04/25 05:49	10/06/25 03:05	1
13C2 PFDoA	78.7		40 - 130	10/04/25 05:49	10/06/25 03:05	1

Method: SW846 6020B - Metals (ICP/MS)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Aluminum	6460		20.2	5.5	mg/Kg	☼	10/03/25 07:27	10/03/25 22:40	1
Antimony	0.46	J	1.0	0.15	mg/Kg	☼	10/03/25 07:27	10/03/25 22:40	1
Arsenic	7.0		1.0	0.10	mg/Kg	☼	10/03/25 07:27	10/03/25 22:40	1
Barium	31.5		2.0	0.15	mg/Kg	☼	10/03/25 07:27	10/03/25 22:40	1
Beryllium	0.46		0.40	0.022	mg/Kg	☼	10/03/25 07:27	10/03/25 22:40	1
Cadmium	0.30	J	1.0	0.11	mg/Kg	☼	10/03/25 07:27	10/03/25 22:40	1
Calcium	2060		101	9.8	mg/Kg	☼	10/03/25 07:27	10/03/25 22:40	1
Chromium	13.4		2.0	0.30	mg/Kg	☼	10/03/25 07:27	10/03/25 22:40	1
Cobalt	6.0		1.0	0.15	mg/Kg	☼	10/03/25 07:27	10/03/25 22:40	1
Copper	33.7		2.0	0.37	mg/Kg	☼	10/03/25 07:27	10/03/25 22:40	1
Iron	17800		60.6	7.7	mg/Kg	☼	10/03/25 07:27	10/03/25 22:40	1
Lead	42.6		0.61	0.20	mg/Kg	☼	10/03/25 07:27	10/03/25 22:40	1
Magnesium	2640		101	10.3	mg/Kg	☼	10/03/25 07:27	10/03/25 22:40	1
Manganese	229		4.0	0.41	mg/Kg	☼	10/03/25 07:27	10/03/25 22:40	1
Nickel	10.6		2.0	0.18	mg/Kg	☼	10/03/25 07:27	10/03/25 22:40	1
Potassium	821		101	16.4	mg/Kg	☼	10/03/25 07:27	10/03/25 22:40	1
Selenium	0.18	J	1.3	0.13	mg/Kg	☼	10/03/25 07:27	10/03/25 22:40	1
Silver	0.21	J	0.40	0.090	mg/Kg	☼	10/03/25 07:27	10/03/25 22:40	1
Sodium	68.4	J	101	46.2	mg/Kg	☼	10/03/25 07:27	10/03/25 22:40	1
Thallium	0.073	J	0.40	0.041	mg/Kg	☼	10/03/25 07:27	10/03/25 22:40	1
Vanadium	22.4		2.0	0.21	mg/Kg	☼	10/03/25 07:27	10/03/25 22:40	1
Zinc	51.9		8.1	1.1	mg/Kg	☼	10/03/25 07:27	10/03/25 22:40	1

Method: SW846 7471B - Mercury (CVAA)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	0.041		0.018	0.0086	mg/Kg	☼	10/03/25 02:15	10/03/25 11:15	1

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Percent Moisture (EPA Moisture)	10.0		1.0	1.0	%			10/01/25 18:45	1
Percent Solids (EPA Moisture)	90.0		1.0	1.0	%			10/01/25 18:45	1

Client Sample ID: 58J_0-5
Date Collected: 09/26/25 09:40
Date Received: 09/26/25 16:20

Lab Sample ID: 460-335806-19
Matrix: Solid
Percent Solids: 93.5

Method: SW846 8270E - Semivolatile Organic Compounds (GC/MS)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1'-Biphenyl	0.35	U	0.35	0.012	mg/Kg	☼	09/27/25 07:27	09/27/25 17:18	1
1,2,4,5-Tetrachlorobenzene	0.35	U	0.35	0.011	mg/Kg	☼	09/27/25 07:27	09/27/25 17:18	1
1,4-Dioxane	0.035	U	0.035	0.031	mg/Kg	☼	09/27/25 07:27	09/27/25 17:18	1
2,2'-oxybis[1-chloropropane]	0.35	U	0.35	0.021	mg/Kg	☼	09/27/25 07:27	09/27/25 17:18	1
2,3,4,6-Tetrachlorophenol	0.35	U	0.35	0.024	mg/Kg	☼	09/27/25 07:27	09/27/25 17:18	1
2,4,5-Trichlorophenol	0.35	U	0.35	0.036	mg/Kg	☼	09/27/25 07:27	09/27/25 17:18	1
2,4,6-Trichlorophenol	0.14	U	0.14	0.045	mg/Kg	☼	09/27/25 07:27	09/27/25 17:18	1
2,4-Dichlorophenol	0.14	U	0.14	0.023	mg/Kg	☼	09/27/25 07:27	09/27/25 17:18	1
2,4-Dimethylphenol	0.35	U	0.35	0.042	mg/Kg	☼	09/27/25 07:27	09/27/25 17:18	1
2,4-Dinitrophenol	0.28	U	0.28	0.17	mg/Kg	☼	09/27/25 07:27	09/27/25 17:18	1
2,4-Dinitrotoluene	0.071	U	0.071	0.038	mg/Kg	☼	09/27/25 07:27	09/27/25 17:18	1
2,6-Dinitrotoluene	0.071	U	0.071	0.025	mg/Kg	☼	09/27/25 07:27	09/27/25 17:18	1
2-Chloronaphthalene	0.35	U	0.35	0.045	mg/Kg	☼	09/27/25 07:27	09/27/25 17:18	1
2-Chlorophenol	0.35	U	0.35	0.013	mg/Kg	☼	09/27/25 07:27	09/27/25 17:18	1
2-Methylnaphthalene	0.35	U	0.35	0.0099	mg/Kg	☼	09/27/25 07:27	09/27/25 17:18	1
2-Methylphenol	0.35	U	0.35	0.013	mg/Kg	☼	09/27/25 07:27	09/27/25 17:18	1
2-Nitroaniline	0.35	U	0.35	0.027	mg/Kg	☼	09/27/25 07:27	09/27/25 17:18	1
2-Nitrophenol	0.35	U	0.35	0.035	mg/Kg	☼	09/27/25 07:27	09/27/25 17:18	1
3 & 4 Methylphenol	0.35	U	0.35	0.022	mg/Kg	☼	09/27/25 07:27	09/27/25 17:18	1
3,3'-Dichlorobenzidine	0.14	U	0.14	0.053	mg/Kg	☼	09/27/25 07:27	09/27/25 17:18	1
3-Nitroaniline	0.35	U	0.35	0.084	mg/Kg	☼	09/27/25 07:27	09/27/25 17:18	1
4,6-Dinitro-2-methylphenol	0.28	U	0.28	0.14	mg/Kg	☼	09/27/25 07:27	09/27/25 17:18	1
4-Bromophenyl phenyl ether	0.35	U	0.35	0.014	mg/Kg	☼	09/27/25 07:27	09/27/25 17:18	1
4-Chloro-3-methylphenol	0.35	U	0.35	0.020	mg/Kg	☼	09/27/25 07:27	09/27/25 17:18	1
4-Chloroaniline	0.35	U	0.35	0.063	mg/Kg	☼	09/27/25 07:27	09/27/25 17:18	1
4-Chlorophenyl phenyl ether	0.35	U	0.35	0.012	mg/Kg	☼	09/27/25 07:27	09/27/25 17:18	1
4-Methylphenol	0.35	U	0.35	0.022	mg/Kg	☼	09/27/25 07:27	09/27/25 17:18	1
4-Nitroaniline	0.35	U	0.35	0.089	mg/Kg	☼	09/27/25 07:27	09/27/25 17:18	1
4-Nitrophenol	0.71	U	0.71	0.057	mg/Kg	☼	09/27/25 07:27	09/27/25 17:18	1
Acenaphthene	0.35	U	0.35	0.010	mg/Kg	☼	09/27/25 07:27	09/27/25 17:18	1
Acenaphthylene	**0.010**	**J**	0.35	0.010	mg/Kg	☼	09/27/25 07:27	09/27/25 17:18	1
Acetophenone	0.35	U	0.35	0.017	mg/Kg	☼	09/27/25 07:27	09/27/25 17:18	1
Anthracene	**0.017**	**J**	0.35	0.011	mg/Kg	☼	09/27/25 07:27	09/27/25 17:18	1
Atrazine	0.14	U *	0.14	0.021	mg/Kg	☼	09/27/25 07:27	09/27/25 17:18	1
Benzaldehyde	0.35	U *	0.35	0.058	mg/Kg	☼	09/27/25 07:27	09/27/25 17:18	1
Benzo[a]anthracene	**0.066**		0.035	0.027	mg/Kg	☼	09/27/25 07:27	09/27/25 17:18	1
Benzo[a]pyrene	**0.12**		0.035	0.0094	mg/Kg	☼	09/27/25 07:27	09/27/25 17:18	1
Benzo[b]fluoranthene	**0.13**		0.035	0.0091	mg/Kg	☼	09/27/25 07:27	09/27/25 17:18	1
Benzo[g,h,i]perylene	**0.21**	**J**	0.35	0.010	mg/Kg	☼	09/27/25 07:27	09/27/25 17:18	1
Benzo[k]fluoranthene	**0.050**		0.035	0.0069	mg/Kg	☼	09/27/25 07:27	09/27/25 17:18	1
Bis(2-chloroethoxy)methane	0.35	U	0.35	0.065	mg/Kg	☼	09/27/25 07:27	09/27/25 17:18	1
Bis(2-chloroethyl)ether	0.035	U	0.035	0.012	mg/Kg	☼	09/27/25 07:27	09/27/25 17:18	1
Bis(2-ethylhexyl) phthalate	0.35	U	0.35	0.019	mg/Kg	☼	09/27/25 07:27	09/27/25 17:18	1
Butyl benzyl phthalate	0.35	U	0.35	0.017	mg/Kg	☼	09/27/25 07:27	09/27/25 17:18	1
Caprolactam	0.35	U	0.35	0.055	mg/Kg	☼	09/27/25 07:27	09/27/25 17:18	1
Carbazole	0.35	U	0.35	0.013	mg/Kg	☼	09/27/25 07:27	09/27/25 17:18	1
Chrysene	**0.076**	**J**	0.35	0.015	mg/Kg	☼	09/27/25 07:27	09/27/25 17:18	1
Dibenz(a,h)anthracene	0.035	U	0.035	0.015	mg/Kg	☼	09/27/25 07:27	09/27/25 17:18	1
Dibenzofuran	0.35	U	0.35	0.012	mg/Kg	☼	09/27/25 07:27	09/27/25 17:18	1

Client Sample ID: 58J_0-5
Date Collected: 09/26/25 09:40
Date Received: 09/26/25 16:20

Lab Sample ID: 460-335806-19
Matrix: Solid
Percent Solids: 93.5

Method: SW846 8270E - Semivolatile Organic Compounds (GC/MS) (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Diethyl phthalate	0.35	U	0.35	0.011	mg/Kg	☼	09/27/25 07:27	09/27/25 17:18	1
Dimethyl phthalate	0.35	U	0.35	0.080	mg/Kg	☼	09/27/25 07:27	09/27/25 17:18	1
Di-n-butyl phthalate	0.35	U	0.35	0.013	mg/Kg	☼	09/27/25 07:27	09/27/25 17:18	1
Di-n-octyl phthalate	0.35	U	0.35	0.019	mg/Kg	☼	09/27/25 07:27	09/27/25 17:18	1
Fluoranthene	**0.11**	**J**	0.35	0.012	mg/Kg	☼	09/27/25 07:27	09/27/25 17:18	1
Fluorene	0.35	U	0.35	0.010	mg/Kg	☼	09/27/25 07:27	09/27/25 17:18	1
Hexachlorobenzene	0.035	U	0.035	0.017	mg/Kg	☼	09/27/25 07:27	09/27/25 17:18	1
Hexachlorobutadiene	0.071	U	0.071	0.0075	mg/Kg	☼	09/27/25 07:27	09/27/25 17:18	1
Hexachlorocyclopentadiene	0.35	U	0.35	0.031	mg/Kg	☼	09/27/25 07:27	09/27/25 17:18	1
Hexachloroethane	0.035	U	0.035	0.012	mg/Kg	☼	09/27/25 07:27	09/27/25 17:18	1
Indeno[1,2,3-cd]pyrene	**0.15**		0.035	0.014	mg/Kg	☼	09/27/25 07:27	09/27/25 17:18	1
Isophorone	0.14	U	0.14	0.10	mg/Kg	☼	09/27/25 07:27	09/27/25 17:18	1
Naphthalene	**0.011**	**J**	0.35	0.0061	mg/Kg	☼	09/27/25 07:27	09/27/25 17:18	1
Nitrobenzene	0.035	U	0.035	0.020	mg/Kg	☼	09/27/25 07:27	09/27/25 17:18	1
N-Nitrosodi-n-propylamine	0.035	U	0.035	0.026	mg/Kg	☼	09/27/25 07:27	09/27/25 17:18	1
N-Nitrosodiphenylamine	0.35	U	0.35	0.029	mg/Kg	☼	09/27/25 07:27	09/27/25 17:18	1
Pentachlorophenol	0.28	U	0.28	0.072	mg/Kg	☼	09/27/25 07:27	09/27/25 17:18	1
Phenanthrene	**0.039**	**J**	0.35	0.014	mg/Kg	☼	09/27/25 07:27	09/27/25 17:18	1
Phenol	0.35	U	0.35	0.013	mg/Kg	☼	09/27/25 07:27	09/27/25 17:18	1
Pyrene	**0.17**	**J**	0.35	0.0088	mg/Kg	☼	09/27/25 07:27	09/27/25 17:18	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
2,4,6-Tribromophenol (Surr)	*67*		*18 - 137*	*09/27/25 07:27*	*09/27/25 17:18*	*1*
2-Fluorobiphenyl	*61*		*33 - 117*	*09/27/25 07:27*	*09/27/25 17:18*	*1*
2-Fluorophenol (Surr)	*68*		*24 - 120*	*09/27/25 07:27*	*09/27/25 17:18*	*1*
Nitrobenzene-d5 (Surr)	*64*		*27 - 120*	*09/27/25 07:27*	*09/27/25 17:18*	*1*
Phenol-d5 (Surr)	*64*		*28 - 118*	*09/27/25 07:27*	*09/27/25 17:18*	*1*
Terphenyl-d14 (Surr)	*67*		*33 - 124*	*09/27/25 07:27*	*09/27/25 17:18*	*1*

Method: SW846 8081B - Organochlorine Pesticides (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
4,4'-DDD	0.0072	U	0.0072	0.0012	mg/Kg	☼	09/27/25 19:17	09/29/25 14:00	1
4,4'-DDE	0.0072	U	0.0072	0.00085	mg/Kg	☼	09/27/25 19:17	09/29/25 14:00	1
4,4'-DDT	0.0072	U	0.0072	0.0013	mg/Kg	☼	09/27/25 19:17	09/29/25 14:00	1
Aldrin	0.0072	U	0.0072	0.0011	mg/Kg	☼	09/27/25 19:17	09/29/25 14:00	1
alpha-BHC	0.0021	U	0.0021	0.00073	mg/Kg	☼	09/27/25 19:17	09/29/25 14:00	1
beta-BHC	0.0021	U	0.0021	0.00080	mg/Kg	☼	09/27/25 19:17	09/29/25 14:00	1
Chlordane (technical)	0.072	U	0.072	0.017	mg/Kg	☼	09/27/25 19:17	09/29/25 14:00	1
cis-Chlordane	0.0072	U	0.0072	0.0011	mg/Kg	☼	09/27/25 19:17	09/29/25 14:00	1
delta-BHC	0.0021	U	0.0021	0.00044	mg/Kg	☼	09/27/25 19:17	09/29/25 14:00	1
Dieldrin	0.0021	U	0.0021	0.00093	mg/Kg	☼	09/27/25 19:17	09/29/25 14:00	1
Endosulfan I	0.0072	U	0.0072	0.0011	mg/Kg	☼	09/27/25 19:17	09/29/25 14:00	1
Endosulfan II	0.0072	U	0.0072	0.0018	mg/Kg	☼	09/27/25 19:17	09/29/25 14:00	1
Endosulfan sulfate	0.0072	U	0.0072	0.00090	mg/Kg	☼	09/27/25 19:17	09/29/25 14:00	1
Endrin	0.0072	U	0.0072	0.0010	mg/Kg	☼	09/27/25 19:17	09/29/25 14:00	1
Endrin aldehyde	0.0072	U	0.0072	0.0017	mg/Kg	☼	09/27/25 19:17	09/29/25 14:00	1
Endrin ketone	0.0072	U	0.0072	0.0014	mg/Kg	☼	09/27/25 19:17	09/29/25 14:00	1
gamma-BHC (Lindane)	0.0021	U	0.0021	0.00066	mg/Kg	☼	09/27/25 19:17	09/29/25 14:00	1
Heptachlor	0.0072	U	0.0072	0.00085	mg/Kg	☼	09/27/25 19:17	09/29/25 14:00	1
Heptachlor epoxide	0.0072	U	0.0072	0.0011	mg/Kg	☼	09/27/25 19:17	09/29/25 14:00	1

Client Sample ID: 58J_0-5
Date Collected: 09/26/25 09:40
Date Received: 09/26/25 16:20

Lab Sample ID: 460-335806-19
Matrix: Solid
Percent Solids: 93.5

Method: SW846 8081B - Organochlorine Pesticides (GC) (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Methoxychlor	0.0072	U	0.0072	0.0016	mg/Kg	☼	09/27/25 19:17	09/29/25 14:00	1
Toxaphene	0.072	U	0.072	0.026	mg/Kg	☼	09/27/25 19:17	09/29/25 14:00	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
DCB Decachlorobiphenyl	*112*		*10 - 150*	*09/27/25 19:17*	*09/29/25 14:00*	*1*
DCB Decachlorobiphenyl	*136*		*10 - 150*	*09/27/25 19:17*	*09/29/25 14:00*	*1*
Tetrachloro-m-xylene	*101*		*14 - 150*	*09/27/25 19:17*	*09/29/25 14:00*	*1*
Tetrachloro-m-xylene	*95*		*14 - 150*	*09/27/25 19:17*	*09/29/25 14:00*	*1*

Method: SW846 8082A - Polychlorinated Biphenyls (PCBs) by Gas Chromatography

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Aroclor 1016	0.072	U	0.072	0.019	mg/Kg	☼	09/27/25 19:15	09/30/25 00:14	1
Aroclor 1221	0.072	U	0.072	0.019	mg/Kg	☼	09/27/25 19:15	09/30/25 00:14	1
Aroclor 1232	0.072	U	0.072	0.019	mg/Kg	☼	09/27/25 19:15	09/30/25 00:14	1
Aroclor 1242	0.072	U	0.072	0.019	mg/Kg	☼	09/27/25 19:15	09/30/25 00:14	1
Aroclor 1248	0.072	U	0.072	0.019	mg/Kg	☼	09/27/25 19:15	09/30/25 00:14	1
Aroclor 1254	0.072	U	0.072	0.019	mg/Kg	☼	09/27/25 19:15	09/30/25 00:14	1
Aroclor 1260	0.072	U	0.072	0.019	mg/Kg	☼	09/27/25 19:15	09/30/25 00:14	1
Aroclor-1262	0.072	U	0.072	0.019	mg/Kg	☼	09/27/25 19:15	09/30/25 00:14	1
Aroclor 1268	0.072	U	0.072	0.019	mg/Kg	☼	09/27/25 19:15	09/30/25 00:14	1
Polychlorinated biphenyls, Total	0.072	U	0.072	0.019	mg/Kg	☼	09/27/25 19:15	09/30/25 00:14	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
DCB Decachlorobiphenyl	*110*		*10 - 150*	*09/27/25 19:15*	*09/30/25 00:14*	*1*
DCB Decachlorobiphenyl	*105*		*10 - 150*	*09/27/25 19:15*	*09/30/25 00:14*	*1*
Tetrachloro-m-xylene	*104*		*10 - 150*	*09/27/25 19:15*	*09/30/25 00:14*	*1*
Tetrachloro-m-xylene	*102*		*10 - 150*	*09/27/25 19:15*	*09/30/25 00:14*	*1*

Method: EPA 1633A - Per- and Polyfluoroalkyl Substances by LC/MS/MS, 1633A

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Perfluorobutanoic acid (PFBA)	0.38	U	0.38	0.096	ug/Kg	☼	10/04/25 05:49	10/06/25 03:18	1
Perfluoropentanoic acid (PFPeA)	**0.10**	**J**	0.19	0.096	ug/Kg	☼	10/04/25 05:49	10/06/25 03:18	1
Perfluorohexanoic acid (PFHxA)	0.19	U	0.19	0.096	ug/Kg	☼	10/04/25 05:49	10/06/25 03:18	1
Perfluoroheptanoic acid (PFHpA)	0.19	U	0.19	0.096	ug/Kg	☼	10/04/25 05:49	10/06/25 03:18	1
Perfluorooctanoic acid (PFOA)	**0.13**	**J**	0.19	0.058	ug/Kg	☼	10/04/25 05:49	10/06/25 03:18	1
Perfluorononanoic acid (PFNA)	**0.46**		0.19	0.096	ug/Kg	☼	10/04/25 05:49	10/06/25 03:18	1
Perfluorodecanoic acid (PFDA)	**0.57**		0.19	0.058	ug/Kg	☼	10/04/25 05:49	10/06/25 03:18	1
Perfluoroundecanoic acid (PFUnA)	**3.63**		0.19	0.096	ug/Kg	☼	10/04/25 05:49	10/06/25 03:18	1
Perfluorododecanoic acid (PFDoA)	**0.27**		0.19	0.096	ug/Kg	☼	10/04/25 05:49	10/06/25 03:18	1
Perfluorotridecanoic acid (PFTrDA)	**1.38**		0.19	0.096	ug/Kg	☼	10/04/25 05:49	10/06/25 03:18	1
Perfluorotetradecanoic acid (PFTeDA)	0.19	U	0.19	0.096	ug/Kg	☼	10/04/25 05:49	10/06/25 03:18	1
Perfluorobutanesulfonic acid (PFBS)	0.19	U	0.19	0.096	ug/Kg	☼	10/04/25 05:49	10/06/25 03:18	1
Perfluoropentanesulfonic acid (PFPeS)	0.19	U	0.19	0.096	ug/Kg	☼	10/04/25 05:49	10/06/25 03:18	1
Perfluorohexanesulfonic acid (PFHxS)	0.19	U	0.19	0.096	ug/Kg	☼	10/04/25 05:49	10/06/25 03:18	1
Perfluoroheptanesulfonic acid (PFHpS)	0.19	U	0.19	0.096	ug/Kg	☼	10/04/25 05:49	10/06/25 03:18	1
Perfluorooctanesulfonic acid (PFOS)	0.19	U	0.19	0.096	ug/Kg	☼	10/04/25 05:49	10/06/25 03:18	1
Perfluorononanesulfonic acid (PFNS)	0.19	U	0.19	0.096	ug/Kg	☼	10/04/25 05:49	10/06/25 03:18	1

Client Sample ID: 58J_0-5
Date Collected: 09/26/25 09:40
Date Received: 09/26/25 16:20

Lab Sample ID: 460-335806-19
Matrix: Solid
Percent Solids: 93.5

Method: EPA 1633A - Per- and Polyfluoroalkyl Substances by LC/MS/MS, 1633A (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Perfluorodecanesulfonic acid (PFDS)	0.19	U *	0.19	0.096	ug/Kg	☼	10/04/25 05:49	10/06/25 03:18	1
Perfluorododecanesulfonic acid (PFDoS)	0.19	U *	0.19	0.096	ug/Kg	☼	10/04/25 05:49	10/06/25 03:18	1
1H,1H,2H,2H-Perfluorohexane sulfonic acid (4:2 FTS)	0.38	U	0.38	0.19	ug/Kg	☼	10/04/25 05:49	10/06/25 03:18	1
1H,1H,2H,2H-Perfluorooctane sulfonic acid (6:2 FTS)	0.38	U	0.38	0.19	ug/Kg	☼	10/04/25 05:49	10/06/25 03:18	1
1H,1H,2H,2H-Perfluorodecane sulfonic acid (8:2 FTS)	0.38	U	0.38	0.19	ug/Kg	☼	10/04/25 05:49	10/06/25 03:18	1
Perfluorooctanesulfonamide (PFOSA)	0.19	U	0.19	0.096	ug/Kg	☼	10/04/25 05:49	10/06/25 03:18	1
N-methylperfluorooctane sulfonamide (NMeFOSA)	0.19	U	0.19	0.096	ug/Kg	☼	10/04/25 05:49	10/06/25 03:18	1
N-ethylperfluorooctane sulfonamide (NEtFOSA)	0.19	U	0.19	0.096	ug/Kg	☼	10/04/25 05:49	10/06/25 03:18	1
N-methylperfluorooctanesulfonamidoacetic acid (NMeFOSAA)	0.19	U	0.19	0.096	ug/Kg	☼	10/04/25 05:49	10/06/25 03:18	1
N-ethylperfluorooctanesulfonamidoacetic acid (NEtFOSAA)	0.19	U	0.19	0.096	ug/Kg	☼	10/04/25 05:49	10/06/25 03:18	1
N-methylperfluorooctane sulfonamidoethanol (NMeFOSE)	0.96	U	0.96	0.48	ug/Kg	☼	10/04/25 05:49	10/06/25 03:18	1
N-ethylperfluorooctane sulfonamidoethanol (NEtFOSE)	0.96	U	0.96	0.48	ug/Kg	☼	10/04/25 05:49	10/06/25 03:18	1
Hexafluoropropylene Oxide Dimer Acid (HFPO-DA)	0.19	U	0.19	0.096	ug/Kg	☼	10/04/25 05:49	10/06/25 03:18	1
4,8-Dioxa-3H-perfluorononanoic acid (ADONA)	0.19	U	0.19	0.096	ug/Kg	☼	10/04/25 05:49	10/06/25 03:18	1
Perfluoro-3-methoxypropanoic acid (PFMPA)	0.19	U	0.19	0.096	ug/Kg	☼	10/04/25 05:49	10/06/25 03:18	1
Perfluoro-4-methoxybutanoic acid (PFMBA)	0.19	U	0.19	0.096	ug/Kg	☼	10/04/25 05:49	10/06/25 03:18	1
Nonafluoro-3,6-dioxaheptanoic acid (NFDHA)	0.19	U	0.19	0.096	ug/Kg	☼	10/04/25 05:49	10/06/25 03:18	1
9-Chlorohexadecafluoro-3-oxanonane-1-sulfonic acid (9Cl-PF3ONS)	0.19	U	0.19	0.096	ug/Kg	☼	10/04/25 05:49	10/06/25 03:18	1
11-Chloroeicosafluoro-3-oxaundecane-1-sulfonic acid (11Cl-PF3OUdS)	0.19	U *	0.19	0.096	ug/Kg	☼	10/04/25 05:49	10/06/25 03:18	1
Perfluoro (2-ethoxyethane) sulfonic acid (PFEESA)	0.19	U	0.19	0.096	ug/Kg	☼	10/04/25 05:49	10/06/25 03:18	1
3-Perfluoropropylpropanoic acid (3:3 FTCA)	0.38	U	0.38	0.19	ug/Kg	☼	10/04/25 05:49	10/06/25 03:18	1
3-Perfluoropentylpropanoic acid (5:3 FTCA)	0.96	U	0.96	0.48	ug/Kg	☼	10/04/25 05:49	10/06/25 03:18	1
3-Perfluoroheptylpropanoic acid (7:3 FTCA)	0.96	U	0.96	0.48	ug/Kg	☼	10/04/25 05:49	10/06/25 03:18	1

Isotope Dilution	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
13C4 PFBA	*104*		*8 - 130*	*10/04/25 05:49*	*10/06/25 03:18*	*1*
13C5 PFPeA	*95.8*		*35 - 130*	*10/04/25 05:49*	*10/06/25 03:18*	*1*
13C5 PFHxA	*95.3*		*40 - 130*	*10/04/25 05:49*	*10/06/25 03:18*	*1*
13C4 PFHpA	*98.7*		*40 - 130*	*10/04/25 05:49*	*10/06/25 03:18*	*1*
13C8 PFOA	*98.0*		*40 - 130*	*10/04/25 05:49*	*10/06/25 03:18*	*1*
13C9 PFNA	*91.3*		*40 - 130*	*10/04/25 05:49*	*10/06/25 03:18*	*1*
13C6 PFDA	*90.1*		*40 - 130*	*10/04/25 05:49*	*10/06/25 03:18*	*1*
13C7 PFUnA	*83.1*		*40 - 130*	*10/04/25 05:49*	*10/06/25 03:18*	*1*
13C2 PFTeDA	*65.4*		*20 - 130*	*10/04/25 05:49*	*10/06/25 03:18*	*1*

Client Sample ID: 58J_0-5
Date Collected: 09/26/25 09:40
Date Received: 09/26/25 16:20

Lab Sample ID: 460-335806-19
Matrix: Solid
Percent Solids: 93.5

Method: EPA 1633A - Per- and Polyfluoroalkyl Substances by LC/MS/MS, 1633A (Continued)

Isotope Dilution	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
13C3 PFBS	106		40 - 135	10/04/25 05:49	10/06/25 03:18	1
13C3 PFHxS	93.0		40 - 130	10/04/25 05:49	10/06/25 03:18	1
13C8 PFOS	92.2		40 - 130	10/04/25 05:49	10/06/25 03:18	1
13C8 FOSA	85.4		40 - 130	10/04/25 05:49	10/06/25 03:18	1
d3-NMeFOSAA	74.3		40 - 135	10/04/25 05:49	10/06/25 03:18	1
d5-NEtFOSAA	88.4		40 - 150	10/04/25 05:49	10/06/25 03:18	1
13C2 4:2 FTS	116		40 - 165	10/04/25 05:49	10/06/25 03:18	1
13C2 6:2 FTS	103		40 - 215	10/04/25 05:49	10/06/25 03:18	1
13C2 8:2 FTS	76.7		40 - 275	10/04/25 05:49	10/06/25 03:18	1
13C3 HFPO-DA	93.0		40 - 130	10/04/25 05:49	10/06/25 03:18	1
d7-N-MeFOSE-M	47.9		20 - 130	10/04/25 05:49	10/06/25 03:18	1
d9-N-EtFOSE-M	35.7		15 - 130	10/04/25 05:49	10/06/25 03:18	1
d5-NEtPFOSA	73.0		10 - 130	10/04/25 05:49	10/06/25 03:18	1
d3-NMePFOSA	78.5		10 - 130	10/04/25 05:49	10/06/25 03:18	1
13C2 PFDoA	76.3		40 - 130	10/04/25 05:49	10/06/25 03:18	1

Method: SW846 6020B - Metals (ICP/MS)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Aluminum	7130		19.1	5.2	mg/Kg	☼	10/03/25 07:27	10/03/25 22:45	1
Antimony	1.3		0.96	0.14	mg/Kg	☼	10/03/25 07:27	10/03/25 22:45	1
Arsenic	9.3		0.96	0.098	mg/Kg	☼	10/03/25 07:27	10/03/25 22:45	1
Barium	78.0		1.9	0.14	mg/Kg	☼	10/03/25 07:27	10/03/25 22:45	1
Beryllium	1.1		0.38	0.021	mg/Kg	☼	10/03/25 07:27	10/03/25 22:45	1
Cadmium	0.41	J	0.96	0.11	mg/Kg	☼	10/03/25 07:27	10/03/25 22:45	1
Calcium	2710		95.5	9.3	mg/Kg	☼	10/03/25 07:27	10/03/25 22:45	1
Chromium	22.4		1.9	0.28	mg/Kg	☼	10/03/25 07:27	10/03/25 22:45	1
Cobalt	9.1		0.96	0.14	mg/Kg	☼	10/03/25 07:27	10/03/25 22:45	1
Copper	98.0		1.9	0.35	mg/Kg	☼	10/03/25 07:27	10/03/25 22:45	1
Iron	20400		57.3	7.3	mg/Kg	☼	10/03/25 07:27	10/03/25 22:45	1
Lead	98.4		0.57	0.19	mg/Kg	☼	10/03/25 07:27	10/03/25 22:45	1
Magnesium	2460		95.5	9.7	mg/Kg	☼	10/03/25 07:27	10/03/25 22:45	1
Manganese	226		3.8	0.39	mg/Kg	☼	10/03/25 07:27	10/03/25 22:45	1
Nickel	50.3		1.9	0.17	mg/Kg	☼	10/03/25 07:27	10/03/25 22:45	1
Potassium	926		95.5	15.5	mg/Kg	☼	10/03/25 07:27	10/03/25 22:45	1
Selenium	0.33	J	1.2	0.12	mg/Kg	☼	10/03/25 07:27	10/03/25 22:45	1
Silver	0.51		0.38	0.085	mg/Kg	☼	10/03/25 07:27	10/03/25 22:45	1
Sodium	175		95.5	43.7	mg/Kg	☼	10/03/25 07:27	10/03/25 22:45	1
Thallium	0.082	J	0.38	0.039	mg/Kg	☼	10/03/25 07:27	10/03/25 22:45	1
Vanadium	27.9		1.9	0.20	mg/Kg	☼	10/03/25 07:27	10/03/25 22:45	1
Zinc	118		7.6	1.0	mg/Kg	☼	10/03/25 07:27	10/03/25 22:45	1

Method: SW846 7471B - Mercury (CVAA)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	0.054		0.017	0.0079	mg/Kg	☼	10/03/25 02:15	10/03/25 11:18	1

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Percent Moisture (EPA Moisture)	6.5		1.0	1.0	%			10/01/25 18:45	1
Percent Solids (EPA Moisture)	93.5		1.0	1.0	%			10/01/25 18:45	1

Client Sample ID: 58J_5-10
Date Collected: 09/26/25 09:45
Date Received: 09/26/25 16:20

Lab Sample ID: 460-335806-20
Matrix: Solid
Percent Solids: 93.3

Method: SW846 8270E - Semivolatile Organic Compounds (GC/MS)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1'-Biphenyl	0.35	U	0.35	0.012	mg/Kg	☼	09/27/25 07:27	09/27/25 17:36	1
1,2,4,5-Tetrachlorobenzene	0.35	U	0.35	0.011	mg/Kg	☼	09/27/25 07:27	09/27/25 17:36	1
1,4-Dioxane	0.035	U	0.035	0.031	mg/Kg	☼	09/27/25 07:27	09/27/25 17:36	1
2,2'-oxybis[1-chloropropane]	0.35	U	0.35	0.021	mg/Kg	☼	09/27/25 07:27	09/27/25 17:36	1
2,3,4,6-Tetrachlorophenol	0.35	U	0.35	0.024	mg/Kg	☼	09/27/25 07:27	09/27/25 17:36	1
2,4,5-Trichlorophenol	0.35	U	0.35	0.036	mg/Kg	☼	09/27/25 07:27	09/27/25 17:36	1
2,4,6-Trichlorophenol	0.14	U	0.14	0.045	mg/Kg	☼	09/27/25 07:27	09/27/25 17:36	1
2,4-Dichlorophenol	0.14	U	0.14	0.023	mg/Kg	☼	09/27/25 07:27	09/27/25 17:36	1
2,4-Dimethylphenol	0.35	U	0.35	0.042	mg/Kg	☼	09/27/25 07:27	09/27/25 17:36	1
2,4-Dinitrophenol	0.28	U	0.28	0.17	mg/Kg	☼	09/27/25 07:27	09/27/25 17:36	1
2,4-Dinitrotoluene	0.072	U	0.072	0.038	mg/Kg	☼	09/27/25 07:27	09/27/25 17:36	1
2,6-Dinitrotoluene	0.072	U	0.072	0.026	mg/Kg	☼	09/27/25 07:27	09/27/25 17:36	1
2-Chloronaphthalene	0.35	U	0.35	0.045	mg/Kg	☼	09/27/25 07:27	09/27/25 17:36	1
2-Chlorophenol	0.35	U	0.35	0.013	mg/Kg	☼	09/27/25 07:27	09/27/25 17:36	1
2-Methylnaphthalene	0.35	U	0.35	0.0099	mg/Kg	☼	09/27/25 07:27	09/27/25 17:36	1
2-Methylphenol	0.35	U	0.35	0.013	mg/Kg	☼	09/27/25 07:27	09/27/25 17:36	1
2-Nitroaniline	0.35	U	0.35	0.027	mg/Kg	☼	09/27/25 07:27	09/27/25 17:36	1
2-Nitrophenol	0.35	U	0.35	0.035	mg/Kg	☼	09/27/25 07:27	09/27/25 17:36	1
3 & 4 Methylphenol	0.35	U	0.35	0.022	mg/Kg	☼	09/27/25 07:27	09/27/25 17:36	1
3,3'-Dichlorobenzidine	0.14	U	0.14	0.053	mg/Kg	☼	09/27/25 07:27	09/27/25 17:36	1
3-Nitroaniline	0.35	U	0.35	0.084	mg/Kg	☼	09/27/25 07:27	09/27/25 17:36	1
4,6-Dinitro-2-methylphenol	0.28	U	0.28	0.14	mg/Kg	☼	09/27/25 07:27	09/27/25 17:36	1
4-Bromophenyl phenyl ether	0.35	U	0.35	0.014	mg/Kg	☼	09/27/25 07:27	09/27/25 17:36	1
4-Chloro-3-methylphenol	0.35	U	0.35	0.020	mg/Kg	☼	09/27/25 07:27	09/27/25 17:36	1
4-Chloroaniline	0.35	U	0.35	0.063	mg/Kg	☼	09/27/25 07:27	09/27/25 17:36	1
4-Chlorophenyl phenyl ether	0.35	U	0.35	0.012	mg/Kg	☼	09/27/25 07:27	09/27/25 17:36	1
4-Methylphenol	0.35	U	0.35	0.022	mg/Kg	☼	09/27/25 07:27	09/27/25 17:36	1
4-Nitroaniline	0.35	U	0.35	0.090	mg/Kg	☼	09/27/25 07:27	09/27/25 17:36	1
4-Nitrophenol	0.72	U	0.72	0.058	mg/Kg	☼	09/27/25 07:27	09/27/25 17:36	1
Acenaphthene	0.35	U	0.35	0.010	mg/Kg	☼	09/27/25 07:27	09/27/25 17:36	1
Acenaphthylene	0.35	U	0.35	0.010	mg/Kg	☼	09/27/25 07:27	09/27/25 17:36	1
Acetophenone	0.35	U	0.35	0.017	mg/Kg	☼	09/27/25 07:27	09/27/25 17:36	1
Anthracene	0.35	U	0.35	0.011	mg/Kg	☼	09/27/25 07:27	09/27/25 17:36	1
Atrazine	0.14	U *	0.14	0.021	mg/Kg	☼	09/27/25 07:27	09/27/25 17:36	1
Benzaldehyde	0.35	U *	0.35	0.058	mg/Kg	☼	09/27/25 07:27	09/27/25 17:36	1
Benzo[a]anthracene	**0.027**	**J**	0.035	0.027	mg/Kg	☼	09/27/25 07:27	09/27/25 17:36	1
Benzo[a]pyrene	**0.048**		0.035	0.0094	mg/Kg	☼	09/27/25 07:27	09/27/25 17:36	1
Benzo[b]fluoranthene	**0.040**		0.035	0.0092	mg/Kg	☼	09/27/25 07:27	09/27/25 17:36	1
Benzo[g,h,i]perylene	**0.070**	**J**	0.35	0.010	mg/Kg	☼	09/27/25 07:27	09/27/25 17:36	1
Benzo[k]fluoranthene	**0.015**	**J**	0.035	0.0069	mg/Kg	☼	09/27/25 07:27	09/27/25 17:36	1
Bis(2-chloroethoxy)methane	0.35	U	0.35	0.065	mg/Kg	☼	09/27/25 07:27	09/27/25 17:36	1
Bis(2-chloroethyl)ether	0.035	U	0.035	0.012	mg/Kg	☼	09/27/25 07:27	09/27/25 17:36	1
Bis(2-ethylhexyl) phthalate	0.35	U	0.35	0.019	mg/Kg	☼	09/27/25 07:27	09/27/25 17:36	1
Butyl benzyl phthalate	0.35	U	0.35	0.017	mg/Kg	☼	09/27/25 07:27	09/27/25 17:36	1
Caprolactam	0.35	U	0.35	0.055	mg/Kg	☼	09/27/25 07:27	09/27/25 17:36	1
Carbazole	0.35	U	0.35	0.013	mg/Kg	☼	09/27/25 07:27	09/27/25 17:36	1
Chrysene	**0.026**	**J**	0.35	0.015	mg/Kg	☼	09/27/25 07:27	09/27/25 17:36	1
Dibenz(a,h)anthracene	0.035	U	0.035	0.015	mg/Kg	☼	09/27/25 07:27	09/27/25 17:36	1
Dibenzofuran	0.35	U	0.35	0.012	mg/Kg	☼	09/27/25 07:27	09/27/25 17:36	1

Client Sample ID: 58J_5-10

Date Collected: 09/26/25 09:45
Date Received: 09/26/25 16:20

Lab Sample ID: 460-335806-20

Matrix: Solid
Percent Solids: 93.3

Method: SW846 8270E - Semivolatile Organic Compounds (GC/MS) (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Diethyl phthalate	0.35	U	0.35	0.011	mg/Kg	☼	09/27/25 07:27	09/27/25 17:36	1
Dimethyl phthalate	0.35	U	0.35	0.080	mg/Kg	☼	09/27/25 07:27	09/27/25 17:36	1
Di-n-butyl phthalate	**0.020**	**J**	0.35	0.013	mg/Kg	☼	09/27/25 07:27	09/27/25 17:36	1
Di-n-octyl phthalate	0.35	U	0.35	0.019	mg/Kg	☼	09/27/25 07:27	09/27/25 17:36	1
Fluoranthene	**0.041**	**J**	0.35	0.012	mg/Kg	☼	09/27/25 07:27	09/27/25 17:36	1
Fluorene	0.35	U	0.35	0.010	mg/Kg	☼	09/27/25 07:27	09/27/25 17:36	1
Hexachlorobenzene	0.035	U	0.035	0.017	mg/Kg	☼	09/27/25 07:27	09/27/25 17:36	1
Hexachlorobutadiene	0.072	U	0.072	0.0075	mg/Kg	☼	09/27/25 07:27	09/27/25 17:36	1
Hexachlorocyclopentadiene	0.35	U	0.35	0.031	mg/Kg	☼	09/27/25 07:27	09/27/25 17:36	1
Hexachloroethane	0.035	U	0.035	0.012	mg/Kg	☼	09/27/25 07:27	09/27/25 17:36	1
Indeno[1,2,3-cd]pyrene	**0.050**		0.035	0.014	mg/Kg	☼	09/27/25 07:27	09/27/25 17:36	1
Isophorone	0.14	U	0.14	0.10	mg/Kg	☼	09/27/25 07:27	09/27/25 17:36	1
Naphthalene	0.35	U	0.35	0.0061	mg/Kg	☼	09/27/25 07:27	09/27/25 17:36	1
Nitrobenzene	0.035	U	0.035	0.020	mg/Kg	☼	09/27/25 07:27	09/27/25 17:36	1
N-Nitrosodi-n-propylamine	0.035	U	0.035	0.026	mg/Kg	☼	09/27/25 07:27	09/27/25 17:36	1
N-Nitrosodiphenylamine	0.35	U	0.35	0.029	mg/Kg	☼	09/27/25 07:27	09/27/25 17:36	1
Pentachlorophenol	0.28	U	0.28	0.073	mg/Kg	☼	09/27/25 07:27	09/27/25 17:36	1
Phenanthrene	0.35	U	0.35	0.014	mg/Kg	☼	09/27/25 07:27	09/27/25 17:36	1
Phenol	0.35	U	0.35	0.013	mg/Kg	☼	09/27/25 07:27	09/27/25 17:36	1
Pyrene	**0.063**	**J**	0.35	0.0088	mg/Kg	☼	09/27/25 07:27	09/27/25 17:36	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
2,4,6-Tribromophenol (Surr)	*68*		*18 - 137*	*09/27/25 07:27*	*09/27/25 17:36*	*1*
2-Fluorobiphenyl	*63*		*33 - 117*	*09/27/25 07:27*	*09/27/25 17:36*	*1*
2-Fluorophenol (Surr)	*70*		*24 - 120*	*09/27/25 07:27*	*09/27/25 17:36*	*1*
Nitrobenzene-d5 (Surr)	*68*		*27 - 120*	*09/27/25 07:27*	*09/27/25 17:36*	*1*
Phenol-d5 (Surr)	*66*		*28 - 118*	*09/27/25 07:27*	*09/27/25 17:36*	*1*
Terphenyl-d14 (Surr)	*70*		*33 - 124*	*09/27/25 07:27*	*09/27/25 17:36*	*1*

Method: SW846 8081B - Organochlorine Pesticides (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
4,4'-DDD	0.0072	U	0.0072	0.0012	mg/Kg	☼	09/27/25 19:17	09/29/25 14:12	1
4,4'-DDE	0.0072	U	0.0072	0.00085	mg/Kg	☼	09/27/25 19:17	09/29/25 14:12	1
4,4'-DDT	0.0072	U	0.0072	0.0013	mg/Kg	☼	09/27/25 19:17	09/29/25 14:12	1
Aldrin	0.0072	U	0.0072	0.0011	mg/Kg	☼	09/27/25 19:17	09/29/25 14:12	1
alpha-BHC	0.0021	U	0.0021	0.00073	mg/Kg	☼	09/27/25 19:17	09/29/25 14:12	1
beta-BHC	0.0021	U	0.0021	0.00080	mg/Kg	☼	09/27/25 19:17	09/29/25 14:12	1
Chlordane (technical)	0.072	U	0.072	0.017	mg/Kg	☼	09/27/25 19:17	09/29/25 14:12	1
cis-Chlordane	0.0072	U	0.0072	0.0011	mg/Kg	☼	09/27/25 19:17	09/29/25 14:12	1
delta-BHC	0.0021	U	0.0021	0.00044	mg/Kg	☼	09/27/25 19:17	09/29/25 14:12	1
Dieldrin	0.0021	U	0.0021	0.00093	mg/Kg	☼	09/27/25 19:17	09/29/25 14:12	1
Endosulfan I	0.0072	U	0.0072	0.0011	mg/Kg	☼	09/27/25 19:17	09/29/25 14:12	1
Endosulfan II	0.0072	U	0.0072	0.0018	mg/Kg	☼	09/27/25 19:17	09/29/25 14:12	1
Endosulfan sulfate	0.0072	U	0.0072	0.00090	mg/Kg	☼	09/27/25 19:17	09/29/25 14:12	1
Endrin	0.0072	U	0.0072	0.0010	mg/Kg	☼	09/27/25 19:17	09/29/25 14:12	1
Endrin aldehyde	0.0072	U	0.0072	0.0017	mg/Kg	☼	09/27/25 19:17	09/29/25 14:12	1
Endrin ketone	0.0072	U	0.0072	0.0014	mg/Kg	☼	09/27/25 19:17	09/29/25 14:12	1
gamma-BHC (Lindane)	0.0021	U	0.0021	0.00066	mg/Kg	☼	09/27/25 19:17	09/29/25 14:12	1
Heptachlor	0.0072	U	0.0072	0.00085	mg/Kg	☼	09/27/25 19:17	09/29/25 14:12	1
Heptachlor epoxide	0.0072	U	0.0072	0.0011	mg/Kg	☼	09/27/25 19:17	09/29/25 14:12	1

Client Sample ID: 58J_5-10
Date Collected: 09/26/25 09:45
Date Received: 09/26/25 16:20

Lab Sample ID: 460-335806-20
Matrix: Solid
Percent Solids: 93.3

Method: SW846 8081B - Organochlorine Pesticides (GC) (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Methoxychlor	0.0072	U	0.0072	0.0016	mg/Kg	☼	09/27/25 19:17	09/29/25 14:12	1
Toxaphene	0.072	U	0.072	0.026	mg/Kg	☼	09/27/25 19:17	09/29/25 14:12	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
DCB Decachlorobiphenyl	*106*		*10 - 150*	*09/27/25 19:17*	*09/29/25 14:12*	*1*
DCB Decachlorobiphenyl	*140*		*10 - 150*	*09/27/25 19:17*	*09/29/25 14:12*	*1*
Tetrachloro-m-xylene	*109*		*14 - 150*	*09/27/25 19:17*	*09/29/25 14:12*	*1*
Tetrachloro-m-xylene	*85*		*14 - 150*	*09/27/25 19:17*	*09/29/25 14:12*	*1*

Method: SW846 8082A - Polychlorinated Biphenyls (PCBs) by Gas Chromatography

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Aroclor 1016	0.072	U	0.072	0.019	mg/Kg	☼	09/27/25 19:15	09/30/25 00:36	1
Aroclor 1221	0.072	U	0.072	0.019	mg/Kg	☼	09/27/25 19:15	09/30/25 00:36	1
Aroclor 1232	0.072	U	0.072	0.019	mg/Kg	☼	09/27/25 19:15	09/30/25 00:36	1
Aroclor 1242	0.072	U	0.072	0.019	mg/Kg	☼	09/27/25 19:15	09/30/25 00:36	1
Aroclor 1248	0.072	U	0.072	0.019	mg/Kg	☼	09/27/25 19:15	09/30/25 00:36	1
Aroclor 1254	0.072	U	0.072	0.019	mg/Kg	☼	09/27/25 19:15	09/30/25 00:36	1
Aroclor 1260	0.072	U	0.072	0.019	mg/Kg	☼	09/27/25 19:15	09/30/25 00:36	1
Aroclor-1262	0.072	U	0.072	0.019	mg/Kg	☼	09/27/25 19:15	09/30/25 00:36	1
Aroclor 1268	0.072	U	0.072	0.019	mg/Kg	☼	09/27/25 19:15	09/30/25 00:36	1
Polychlorinated biphenyls, Total	0.072	U	0.072	0.019	mg/Kg	☼	09/27/25 19:15	09/30/25 00:36	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
DCB Decachlorobiphenyl	*148*		*10 - 150*	*09/27/25 19:15*	*09/30/25 00:36*	*1*
DCB Decachlorobiphenyl	*146*		*10 - 150*	*09/27/25 19:15*	*09/30/25 00:36*	*1*
Tetrachloro-m-xylene	*123*		*10 - 150*	*09/27/25 19:15*	*09/30/25 00:36*	*1*
Tetrachloro-m-xylene	*121*		*10 - 150*	*09/27/25 19:15*	*09/30/25 00:36*	*1*

Method: EPA 1633A - Per- and Polyfluoroalkyl Substances by LC/MS/MS, 1633A

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Perfluorobutanoic acid (PFBA)	0.38	U	0.38	0.096	ug/Kg	☼	10/04/25 05:49	10/06/25 03:32	1
Perfluoropentanoic acid (PFPeA)	0.19	U	0.19	0.096	ug/Kg	☼	10/04/25 05:49	10/06/25 03:32	1
Perfluorohexanoic acid (PFHxA)	0.19	U	0.19	0.096	ug/Kg	☼	10/04/25 05:49	10/06/25 03:32	1
Perfluoroheptanoic acid (PFHpA)	0.19	U	0.19	0.096	ug/Kg	☼	10/04/25 05:49	10/06/25 03:32	1
Perfluorooctanoic acid (PFOA)	**0.066**	**J**	0.19	0.057	ug/Kg	☼	10/04/25 05:49	10/06/25 03:32	1
Perfluorononanoic acid (PFNA)	**0.16**	**J**	0.19	0.096	ug/Kg	☼	10/04/25 05:49	10/06/25 03:32	1
Perfluorodecanoic acid (PFDA)	**0.35**		0.19	0.057	ug/Kg	☼	10/04/25 05:49	10/06/25 03:32	1
Perfluoroundecanoic acid (PFUnA)	**1.63**		0.19	0.096	ug/Kg	☼	10/04/25 05:49	10/06/25 03:32	1
Perfluorododecanoic acid (PFDoA)	**0.26**		0.19	0.096	ug/Kg	☼	10/04/25 05:49	10/06/25 03:32	1
Perfluorotridecanoic acid (PFTrDA)	**1.20**		0.19	0.096	ug/Kg	☼	10/04/25 05:49	10/06/25 03:32	1
Perfluorotetradecanoic acid (PFTeDA)	0.19	U	0.19	0.096	ug/Kg	☼	10/04/25 05:49	10/06/25 03:32	1
Perfluorobutanesulfonic acid (PFBS)	0.19	U	0.19	0.096	ug/Kg	☼	10/04/25 05:49	10/06/25 03:32	1
Perfluoropentanesulfonic acid (PFPeS)	0.19	U	0.19	0.096	ug/Kg	☼	10/04/25 05:49	10/06/25 03:32	1
Perfluorohexanesulfonic acid (PFHxS)	0.19	U	0.19	0.096	ug/Kg	☼	10/04/25 05:49	10/06/25 03:32	1
Perfluoroheptanesulfonic acid (PFHpS)	0.19	U	0.19	0.096	ug/Kg	☼	10/04/25 05:49	10/06/25 03:32	1
Perfluorooctanesulfonic acid (PFOS)	0.19	U	0.19	0.096	ug/Kg	☼	10/04/25 05:49	10/06/25 03:32	1
Perfluorononanesulfonic acid (PFNS)	0.19	U	0.19	0.096	ug/Kg	☼	10/04/25 05:49	10/06/25 03:32	1

Client Sample ID: 58J_5-10
Date Collected: 09/26/25 09:45
Date Received: 09/26/25 16:20

Lab Sample ID: 460-335806-20
Matrix: Solid
Percent Solids: 93.3

Method: EPA 1633A - Per- and Polyfluoroalkyl Substances by LC/MS/MS, 1633A (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Perfluorodecanesulfonic acid (PFDS)	0.19	U *	0.19	0.096	ug/Kg	☼	10/04/25 05:49	10/06/25 03:32	1
Perfluorododecanesulfonic acid (PFDoS)	0.19	U *	0.19	0.096	ug/Kg	☼	10/04/25 05:49	10/06/25 03:32	1
1H,1H,2H,2H-Perfluorohexane sulfonic acid (4:2 FTS)	0.38	U	0.38	0.19	ug/Kg	☼	10/04/25 05:49	10/06/25 03:32	1
1H,1H,2H,2H-Perfluorooctane sulfonic acid (6:2 FTS)	0.38	U	0.38	0.19	ug/Kg	☼	10/04/25 05:49	10/06/25 03:32	1
1H,1H,2H,2H-Perfluorodecane sulfonic acid (8:2 FTS)	0.38	U	0.38	0.19	ug/Kg	☼	10/04/25 05:49	10/06/25 03:32	1
Perfluorooctanesulfonamide (PFOSA)	0.19	U	0.19	0.096	ug/Kg	☼	10/04/25 05:49	10/06/25 03:32	1
N-methylperfluorooctane sulfonamide (NMeFOSA)	0.19	U	0.19	0.096	ug/Kg	☼	10/04/25 05:49	10/06/25 03:32	1
N-ethylperfluorooctane sulfonamide (NEtFOSA)	0.19	U	0.19	0.096	ug/Kg	☼	10/04/25 05:49	10/06/25 03:32	1
N-methylperfluorooctanesulfonamidoacetic acid (NMeFOSAA)	0.19	U	0.19	0.096	ug/Kg	☼	10/04/25 05:49	10/06/25 03:32	1
N-ethylperfluorooctanesulfonamidoacetic acid (NEtFOSAA)	0.19	U	0.19	0.096	ug/Kg	☼	10/04/25 05:49	10/06/25 03:32	1
N-methylperfluorooctane sulfonamidoethanol (NMeFOSE)	0.96	U	0.96	0.48	ug/Kg	☼	10/04/25 05:49	10/06/25 03:32	1
N-ethylperfluorooctane sulfonamidoethanol (NEtFOSE)	0.96	U	0.96	0.48	ug/Kg	☼	10/04/25 05:49	10/06/25 03:32	1
Hexafluoropropylene Oxide Dimer Acid (HFPO-DA)	0.19	U	0.19	0.096	ug/Kg	☼	10/04/25 05:49	10/06/25 03:32	1
4,8-Dioxa-3H-perfluorononanoic acid (ADONA)	0.19	U	0.19	0.096	ug/Kg	☼	10/04/25 05:49	10/06/25 03:32	1
Perfluoro-3-methoxypropanoic acid (PFMPA)	0.19	U	0.19	0.096	ug/Kg	☼	10/04/25 05:49	10/06/25 03:32	1
Perfluoro-4-methoxybutanoic acid (PFMBA)	0.19	U	0.19	0.096	ug/Kg	☼	10/04/25 05:49	10/06/25 03:32	1
Nonafluoro-3,6-dioxaheptanoic acid (NFDHA)	0.19	U	0.19	0.096	ug/Kg	☼	10/04/25 05:49	10/06/25 03:32	1
9-Chlorohexadecafluoro-3-oxanonane-1-sulfonic acid (9Cl-PF3ONS)	0.19	U	0.19	0.096	ug/Kg	☼	10/04/25 05:49	10/06/25 03:32	1
11-Chloroeicosafluoro-3-oxaundecane-1-sulfonic acid (11Cl-PF3OUdS)	0.19	U *	0.19	0.096	ug/Kg	☼	10/04/25 05:49	10/06/25 03:32	1
Perfluoro (2-ethoxyethane) sulfonic acid (PFEESA)	0.19	U	0.19	0.096	ug/Kg	☼	10/04/25 05:49	10/06/25 03:32	1
3-Perfluoropropylpropanoic acid (3:3 FTCA)	0.38	U	0.38	0.19	ug/Kg	☼	10/04/25 05:49	10/06/25 03:32	1
3-Perfluoropentylpropanoic acid (5:3 FTCA)	0.96	U	0.96	0.48	ug/Kg	☼	10/04/25 05:49	10/06/25 03:32	1
3-Perfluoroheptylpropanoic acid (7:3 FTCA)	0.96	U	0.96	0.48	ug/Kg	☼	10/04/25 05:49	10/06/25 03:32	1

Isotope Dilution	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
13C4 PFBA	*122*		*8 - 130*	*10/04/25 05:49*	*10/06/25 03:32*	*1*
13C5 PFPeA	*116*		*35 - 130*	*10/04/25 05:49*	*10/06/25 03:32*	*1*
13C5 PFHxA	*116*		*40 - 130*	*10/04/25 05:49*	*10/06/25 03:32*	*1*
13C4 PFHpA	*120*		*40 - 130*	*10/04/25 05:49*	*10/06/25 03:32*	*1*
13C8 PFOA	*113*		*40 - 130*	*10/04/25 05:49*	*10/06/25 03:32*	*1*
13C9 PFNA	*108*		*40 - 130*	*10/04/25 05:49*	*10/06/25 03:32*	*1*
13C6 PFDA	*96.7*		*40 - 130*	*10/04/25 05:49*	*10/06/25 03:32*	*1*
13C7 PFUnA	*87.8*		*40 - 130*	*10/04/25 05:49*	*10/06/25 03:32*	*1*
13C2 PFTeDA	*75.3*		*20 - 130*	*10/04/25 05:49*	*10/06/25 03:32*	*1*

Client Sample ID: 58J_5-10

Date Collected: 09/26/25 09:45
Date Received: 09/26/25 16:20

Lab Sample ID: 460-335806-20

Matrix: Solid
Percent Solids: 93.3

Method: EPA 1633A - Per- and Polyfluoroalkyl Substances by LC/MS/MS, 1633A (Continued)

Isotope Dilution	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
13C3 PFBS	126		40 - 135	10/04/25 05:49	10/06/25 03:32	1
13C3 PFHxS	109		40 - 130	10/04/25 05:49	10/06/25 03:32	1
13C8 PFOS	99.6		40 - 130	10/04/25 05:49	10/06/25 03:32	1
13C8 FOSA	91.1		40 - 130	10/04/25 05:49	10/06/25 03:32	1
d3-NMeFOSAA	76.0		40 - 135	10/04/25 05:49	10/06/25 03:32	1
d5-NEtFOSAA	98.3		40 - 150	10/04/25 05:49	10/06/25 03:32	1
13C2 4:2 FTS	143		40 - 165	10/04/25 05:49	10/06/25 03:32	1
13C2 6:2 FTS	129		40 - 215	10/04/25 05:49	10/06/25 03:32	1
13C2 8:2 FTS	86.4		40 - 275	10/04/25 05:49	10/06/25 03:32	1
13C3 HFPO-DA	112		40 - 130	10/04/25 05:49	10/06/25 03:32	1
d7-N-MeFOSE-M	47.1		20 - 130	10/04/25 05:49	10/06/25 03:32	1
d9-N-EtFOSE-M	35.1		15 - 130	10/04/25 05:49	10/06/25 03:32	1
d5-NEtPFOSA	71.1		10 - 130	10/04/25 05:49	10/06/25 03:32	1
d3-NMePFOSA	80.5		10 - 130	10/04/25 05:49	10/06/25 03:32	1
13C2 PFDoA	85.6		40 - 130	10/04/25 05:49	10/06/25 03:32	1

Method: SW846 6020B - Metals (ICP/MS)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Aluminum	6910		21.4	5.9	mg/Kg	☼	10/03/25 07:27	10/03/25 21:29	1
Antimony	0.63	J	1.1	0.16	mg/Kg	☼	10/03/25 07:27	10/03/25 21:29	1
Arsenic	8.1		1.1	0.11	mg/Kg	☼	10/03/25 07:27	10/03/25 21:29	1
Barium	34.4		2.1	0.16	mg/Kg	☼	10/03/25 07:27	10/03/25 21:29	1
Beryllium	0.51		0.43	0.024	mg/Kg	☼	10/03/25 07:27	10/03/25 21:29	1
Cadmium	0.31	J	1.1	0.12	mg/Kg	☼	10/03/25 07:27	10/03/25 21:29	1
Calcium	1640		107	10.4	mg/Kg	☼	10/03/25 07:27	10/03/25 21:29	1
Chromium	13.7		2.1	0.32	mg/Kg	☼	10/03/25 07:27	10/03/25 21:29	1
Cobalt	5.6		1.1	0.16	mg/Kg	☼	10/03/25 07:27	10/03/25 21:29	1
Copper	42.1		2.1	0.39	mg/Kg	☼	10/03/25 07:27	10/03/25 21:29	1
Iron	19400		64.3	8.2	mg/Kg	☼	10/03/25 07:27	10/03/25 21:29	1
Lead	51.8		0.64	0.21	mg/Kg	☼	10/03/25 07:27	10/03/25 21:29	1
Magnesium	2460		107	10.9	mg/Kg	☼	10/03/25 07:27	10/03/25 21:29	1
Manganese	228		4.3	0.43	mg/Kg	☼	10/03/25 07:27	10/03/25 21:29	1
Nickel	12.0		2.1	0.19	mg/Kg	☼	10/03/25 07:27	10/03/25 21:29	1
Potassium	889		107	17.4	mg/Kg	☼	10/03/25 07:27	10/03/25 21:29	1
Selenium	0.32	J	1.3	0.14	mg/Kg	☼	10/03/25 07:27	10/03/25 21:29	1
Silver	0.27	J	0.43	0.095	mg/Kg	☼	10/03/25 07:27	10/03/25 21:29	1
Sodium	76.6	J	107	49.0	mg/Kg	☼	10/03/25 07:27	10/03/25 21:29	1
Thallium	0.079	J	0.43	0.044	mg/Kg	☼	10/03/25 07:27	10/03/25 21:29	1
Vanadium	23.4		2.1	0.22	mg/Kg	☼	10/03/25 07:27	10/03/25 21:29	1
Zinc	65.1		8.6	1.2	mg/Kg	☼	10/03/25 07:27	10/03/25 21:29	1

Method: SW846 7471B - Mercury (CVAA)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	0.047		0.017	0.0080	mg/Kg	☼	10/03/25 02:15	10/03/25 11:21	1

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Percent Moisture (EPA Moisture)	6.7		1.0	1.0	%			10/01/25 18:45	1
Percent Solids (EPA Moisture)	93.3		1.0	1.0	%			10/01/25 18:45	1

Client: Haley & Aldrich, Inc.
Project/Site: Former Port Mobil

Job ID: 460-335806-1

Client Sample ID: 58A1_1-2
Date Collected: 09/26/25 10:00
Date Received: 09/26/25 16:20

Lab Sample ID: 460-335806-21
Matrix: Solid
Percent Solids: 90.9

Method: SW846 8260D - Volatile Organic Compounds by GC/MS

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1-Trichloroethane	0.0015	U	0.0015	0.00034	mg/Kg	☼	09/29/25 09:43	10/03/25 22:15	1
1,1,2,2-Tetrachloroethane	0.0015	U	0.0015	0.00076	mg/Kg	☼	09/29/25 09:43	10/03/25 22:15	1
1,1,2-Trichloro-1,2,2-trifluoroethane	0.0015	U	0.0015	0.00044	mg/Kg	☼	09/29/25 09:43	10/03/25 22:15	1
1,1,2-Trichloroethane	0.0015	U	0.0015	0.00088	mg/Kg	☼	09/29/25 09:43	10/03/25 22:15	1
1,1-Dichloroethane	0.0015	U	0.0015	0.00087	mg/Kg	☼	09/29/25 09:43	10/03/25 22:15	1
1,1-Dichloroethene	0.0015	U	0.0015	0.00033	mg/Kg	☼	09/29/25 09:43	10/03/25 22:15	1
1,2,3-Trichlorobenzene	0.0015	U	0.0015	0.0011	mg/Kg	☼	09/29/25 09:43	10/03/25 22:15	1
1,2,4-Trichlorobenzene	0.0015	U	0.0015	0.00052	mg/Kg	☼	09/29/25 09:43	10/03/25 22:15	1
1,2,4-Trimethylbenzene	0.0015	U	0.0015	0.00036	mg/Kg	☼	09/29/25 09:43	10/03/25 22:15	1
1,2-Dibromo-3-Chloropropane	0.0015	U	0.0015	0.00067	mg/Kg	☼	09/29/25 09:43	10/03/25 22:15	1
1,2-Dichlorobenzene	0.0015	U	0.0015	0.00053	mg/Kg	☼	09/29/25 09:43	10/03/25 22:15	1
1,2-Dichloroethane	0.0015	U	0.0015	0.00043	mg/Kg	☼	09/29/25 09:43	10/03/25 22:15	1
1,2-Dichloropropane	0.0015	U	0.0015	0.00062	mg/Kg	☼	09/29/25 09:43	10/03/25 22:15	1
1,3,5-Trimethylbenzene	0.0015	U	0.0015	0.00046	mg/Kg	☼	09/29/25 09:43	10/03/25 22:15	1
1,3-Dichlorobenzene	0.0015	U	0.0015	0.00053	mg/Kg	☼	09/29/25 09:43	10/03/25 22:15	1
1,4-Dichlorobenzene	0.0015	U	0.0015	0.00076	mg/Kg	☼	09/29/25 09:43	10/03/25 22:15	1
2-Butanone (MEK)	0.0073	U	0.0073	0.00054	mg/Kg	☼	09/29/25 09:43	10/03/25 22:15	1
2-Hexanone	0.0073	U	0.0073	0.0025	mg/Kg	☼	09/29/25 09:43	10/03/25 22:15	1
4-Methyl-2-pentanone (MIBK)	0.0073	U	0.0073	0.0023	mg/Kg	☼	09/29/25 09:43	10/03/25 22:15	1
Acetone	0.0088	U	0.0088	0.0083	mg/Kg	☼	09/29/25 09:43	10/03/25 22:15	1
Benzene	0.0015	U	0.0015	0.00083	mg/Kg	☼	09/29/25 09:43	10/03/25 22:15	1
Bromoform	0.0015	U	0.0015	0.00062	mg/Kg	☼	09/29/25 09:43	10/03/25 22:15	1
Bromomethane	0.0029	U	0.0029	0.0015	mg/Kg	☼	09/29/25 09:43	10/03/25 22:15	1
Carbon disulfide	0.0015	U	0.0015	0.00039	mg/Kg	☼	09/29/25 09:43	10/03/25 22:15	1
Carbon tetrachloride	0.0015	U	0.0015	0.00056	mg/Kg	☼	09/29/25 09:43	10/03/25 22:15	1
Chlorobenzene	0.0015	U	0.0015	0.00074	mg/Kg	☼	09/29/25 09:43	10/03/25 22:15	1
Chlorobromomethane	0.0015	U	0.0015	0.00087	mg/Kg	☼	09/29/25 09:43	10/03/25 22:15	1
Chlorodibromomethane	0.0015	U	0.0015	0.00078	mg/Kg	☼	09/29/25 09:43	10/03/25 22:15	1
Chloroethane	0.0015	U	0.0015	0.00076	mg/Kg	☼	09/29/25 09:43	10/03/25 22:15	1
Chloroform	0.0015	U	0.0015	0.0014	mg/Kg	☼	09/29/25 09:43	10/03/25 22:15	1
Chloromethane	0.0015	U	0.0015	0.00064	mg/Kg	☼	09/29/25 09:43	10/03/25 22:15	1
cis-1,2-Dichloroethene	0.0015	U	0.0015	0.00052	mg/Kg	☼	09/29/25 09:43	10/03/25 22:15	1
cis-1,3-Dichloropropene	0.0015	U	0.0015	0.00040	mg/Kg	☼	09/29/25 09:43	10/03/25 22:15	1
Cyclohexane	0.0015	U	0.0015	0.00032	mg/Kg	☼	09/29/25 09:43	10/03/25 22:15	1
Dichlorobromomethane	0.0015	U	0.0015	0.00038	mg/Kg	☼	09/29/25 09:43	10/03/25 22:15	1
Dichlorodifluoromethane	0.0015	U	0.0015	0.00049	mg/Kg	☼	09/29/25 09:43	10/03/25 22:15	1
Ethylbenzene	0.0015	U	0.0015	0.00068	mg/Kg	☼	09/29/25 09:43	10/03/25 22:15	1
Ethylene Dibromide	0.0015	U	0.0015	0.00074	mg/Kg	☼	09/29/25 09:43	10/03/25 22:15	1
Isopropylbenzene	0.0015	U	0.0015	0.00042	mg/Kg	☼	09/29/25 09:43	10/03/25 22:15	1
Methyl acetate	0.0073	U	0.0073	0.0063	mg/Kg	☼	09/29/25 09:43	10/03/25 22:15	1
Methyl tert-butyl ether	0.0015	U	0.0015	0.00075	mg/Kg	☼	09/29/25 09:43	10/03/25 22:15	1
Methylcyclohexane	0.0015	U	0.0015	0.00073	mg/Kg	☼	09/29/25 09:43	10/03/25 22:15	1
Methylene Chloride	**0.0054**		0.0029	0.0017	mg/Kg	☼	09/29/25 09:43	10/03/25 22:15	1
m-Xylene & p-Xylene	0.0015	U	0.0015	0.00062	mg/Kg	☼	09/29/25 09:43	10/03/25 22:15	1
n-Butylbenzene	0.0015	U	0.0015	0.00043	mg/Kg	☼	09/29/25 09:43	10/03/25 22:15	1
N-Propylbenzene	0.0015	U	0.0015	0.00066	mg/Kg	☼	09/29/25 09:43	10/03/25 22:15	1
o-Xylene	0.0015	U	0.0015	0.00067	mg/Kg	☼	09/29/25 09:43	10/03/25 22:15	1
sec-Butylbenzene	0.0015	U	0.0015	0.00042	mg/Kg	☼	09/29/25 09:43	10/03/25 22:15	1
Styrene	0.0015	U	0.0015	0.00041	mg/Kg	☼	09/29/25 09:43	10/03/25 22:15	1

Client Sample ID: 58A1_1-2

Lab Sample ID: 460-335806-21

Date Collected: 09/26/25 10:00
Matrix: Solid
Date Received: 09/26/25 16:20
Percent Solids: 90.9

Method: SW846 8260D - Volatile Organic Compounds by GC/MS (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
tert-Butylbenzene	0.0015	U	0.0015	0.00040	mg/Kg	☼	09/29/25 09:43	10/03/25 22:15	1
Tetrachloroethene	0.0015	U	0.0015	0.00045	mg/Kg	☼	09/29/25 09:43	10/03/25 22:15	1
Toluene	0.0015	U	0.0015	0.00034	mg/Kg	☼	09/29/25 09:43	10/03/25 22:15	1
trans-1,2-Dichloroethene	0.0015	U	0.0015	0.00036	mg/Kg	☼	09/29/25 09:43	10/03/25 22:15	1
trans-1,3-Dichloropropene	0.0015	U	0.0015	0.00039	mg/Kg	☼	09/29/25 09:43	10/03/25 22:15	1
Trichloroethene	0.0015	U	0.0015	0.00047	mg/Kg	☼	09/29/25 09:43	10/03/25 22:15	1
Trichlorofluoromethane	0.0015	U	0.0015	0.00059	mg/Kg	☼	09/29/25 09:43	10/03/25 22:15	1
Vinyl chloride	0.0015	U	0.0015	0.00080	mg/Kg	☼	09/29/25 09:43	10/03/25 22:15	1
Xylenes, Total	0.0029	U	0.0029	0.00025	mg/Kg	☼	09/29/25 09:43	10/03/25 22:15	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,2-Dichloroethane-d4 (Surr)	*119*		*65 - 138*	*09/29/25 09:43*	*10/03/25 22:15*	*1*
4-Bromofluorobenzene	*95*		*71 - 128*	*09/29/25 09:43*	*10/03/25 22:15*	*1*
Dibromofluoromethane (Surr)	*111*		*50 - 150*	*09/29/25 09:43*	*10/03/25 22:15*	*1*
Toluene-d8 (Surr)	*104*		*71 - 126*	*09/29/25 09:43*	*10/03/25 22:15*	*1*

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Percent Moisture (EPA Moisture)	**9.1**		1.0	1.0	%			09/28/25 21:11	1
Percent Solids (EPA Moisture)	**90.9**		1.0	1.0	%			09/28/25 21:11	1

Client Sample ID: 58A2_2-3

Lab Sample ID: 460-335806-22

Date Collected: 09/26/25 10:05
Matrix: Solid
Date Received: 09/26/25 16:20
Percent Solids: 90.1

Method: SW846 8260D - Volatile Organic Compounds by GC/MS

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1-Trichloroethane	0.0017	U	0.0017	0.00039	mg/Kg	☼	09/29/25 09:43	10/03/25 22:39	1
1,1,2,2-Tetrachloroethane	0.0017	U	0.0017	0.00088	mg/Kg	☼	09/29/25 09:43	10/03/25 22:39	1
1,1,2-Trichloro-1,2,2-trifluoroethane	0.0017	U	0.0017	0.00051	mg/Kg	☼	09/29/25 09:43	10/03/25 22:39	1
1,1,2-Trichloroethane	0.0017	U	0.0017	0.0010	mg/Kg	☼	09/29/25 09:43	10/03/25 22:39	1
1,1-Dichloroethane	0.0017	U	0.0017	0.0010	mg/Kg	☼	09/29/25 09:43	10/03/25 22:39	1
1,1-Dichloroethene	0.0017	U	0.0017	0.00038	mg/Kg	☼	09/29/25 09:43	10/03/25 22:39	1
1,2,3-Trichlorobenzene	0.0017	U	0.0017	0.0012	mg/Kg	☼	09/29/25 09:43	10/03/25 22:39	1
1,2,4-Trichlorobenzene	0.0017	U	0.0017	0.00060	mg/Kg	☼	09/29/25 09:43	10/03/25 22:39	1
1,2,4-Trimethylbenzene	0.0017	U	0.0017	0.00041	mg/Kg	☼	09/29/25 09:43	10/03/25 22:39	1
1,2-Dibromo-3-Chloropropane	0.0017	U	0.0017	0.00077	mg/Kg	☼	09/29/25 09:43	10/03/25 22:39	1
1,2-Dichlorobenzene	0.0017	U	0.0017	0.00061	mg/Kg	☼	09/29/25 09:43	10/03/25 22:39	1
1,2-Dichloroethane	0.0017	U	0.0017	0.00050	mg/Kg	☼	09/29/25 09:43	10/03/25 22:39	1
1,2-Dichloropropane	0.0017	U	0.0017	0.00071	mg/Kg	☼	09/29/25 09:43	10/03/25 22:39	1
1,3,5-Trimethylbenzene	0.0017	U	0.0017	0.00053	mg/Kg	☼	09/29/25 09:43	10/03/25 22:39	1
1,3-Dichlorobenzene	0.0017	U	0.0017	0.00061	mg/Kg	☼	09/29/25 09:43	10/03/25 22:39	1
1,4-Dichlorobenzene	0.0017	U	0.0017	0.00087	mg/Kg	☼	09/29/25 09:43	10/03/25 22:39	1
2-Butanone (MEK)	0.0084	U	0.0084	0.00062	mg/Kg	☼	09/29/25 09:43	10/03/25 22:39	1
2-Hexanone	0.0084	U	0.0084	0.0029	mg/Kg	☼	09/29/25 09:43	10/03/25 22:39	1
4-Methyl-2-pentanone (MIBK)	0.0084	U	0.0084	0.0026	mg/Kg	☼	09/29/25 09:43	10/03/25 22:39	1
Acetone	0.010	U	0.010	0.0096	mg/Kg	☼	09/29/25 09:43	10/03/25 22:39	1
Benzene	0.0017	U	0.0017	0.00096	mg/Kg	☼	09/29/25 09:43	10/03/25 22:39	1
Bromoform	0.0017	U	0.0017	0.00072	mg/Kg	☼	09/29/25 09:43	10/03/25 22:39	1
Bromomethane	0.0034	U	0.0034	0.0017	mg/Kg	☼	09/29/25 09:43	10/03/25 22:39	1

Client: Haley & Aldrich, Inc.
Project/Site: Former Port Mobil

Job ID: 460-335806-1

Client Sample ID: 58A2_2-3
Date Collected: 09/26/25 10:05
Date Received: 09/26/25 16:20

Lab Sample ID: 460-335806-22
Matrix: Solid
Percent Solids: 90.1

Method: SW846 8260D - Volatile Organic Compounds by GC/MS (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Carbon disulfide	0.0017	U	0.0017	0.00045	mg/Kg	☼	09/29/25 09:43	10/03/25 22:39	1
Carbon tetrachloride	0.0017	U	0.0017	0.00065	mg/Kg	☼	09/29/25 09:43	10/03/25 22:39	1
Chlorobenzene	0.0017	U	0.0017	0.00085	mg/Kg	☼	09/29/25 09:43	10/03/25 22:39	1
Chlorobromomethane	0.0017	U	0.0017	0.0010	mg/Kg	☼	09/29/25 09:43	10/03/25 22:39	1
Chlorodibromomethane	0.0017	U	0.0017	0.00090	mg/Kg	☼	09/29/25 09:43	10/03/25 22:39	1
Chloroethane	0.0017	U	0.0017	0.00088	mg/Kg	☼	09/29/25 09:43	10/03/25 22:39	1
Chloroform	0.0017	U	0.0017	0.0016	mg/Kg	☼	09/29/25 09:43	10/03/25 22:39	1
Chloromethane	0.0017	U	0.0017	0.00073	mg/Kg	☼	09/29/25 09:43	10/03/25 22:39	1
cis-1,2-Dichloroethene	0.0017	U	0.0017	0.00060	mg/Kg	☼	09/29/25 09:43	10/03/25 22:39	1
cis-1,3-Dichloropropene	0.0017	U	0.0017	0.00046	mg/Kg	☼	09/29/25 09:43	10/03/25 22:39	1
Cyclohexane	0.0017	U	0.0017	0.00037	mg/Kg	☼	09/29/25 09:43	10/03/25 22:39	1
Dichlorobromomethane	0.0017	U	0.0017	0.00043	mg/Kg	☼	09/29/25 09:43	10/03/25 22:39	1
Dichlorodifluoromethane	0.0017	U	0.0017	0.00057	mg/Kg	☼	09/29/25 09:43	10/03/25 22:39	1
Ethylbenzene	0.0017	U	0.0017	0.00079	mg/Kg	☼	09/29/25 09:43	10/03/25 22:39	1
Ethylene Dibromide	0.0017	U	0.0017	0.00085	mg/Kg	☼	09/29/25 09:43	10/03/25 22:39	1
Isopropylbenzene	0.0017	U	0.0017	0.00048	mg/Kg	☼	09/29/25 09:43	10/03/25 22:39	1
Methyl acetate	0.0084	U	0.0084	0.0072	mg/Kg	☼	09/29/25 09:43	10/03/25 22:39	1
Methyl tert-butyl ether	0.0017	U	0.0017	0.00086	mg/Kg	☼	09/29/25 09:43	10/03/25 22:39	1
Methylcyclohexane	0.0017	U	0.0017	0.00084	mg/Kg	☼	09/29/25 09:43	10/03/25 22:39	1
Methylene Chloride	**0.0048**		0.0034	0.0019	mg/Kg	☼	09/29/25 09:43	10/03/25 22:39	1
m-Xylene & p-Xylene	0.0017	U	0.0017	0.00071	mg/Kg	☼	09/29/25 09:43	10/03/25 22:39	1
n-Butylbenzene	0.0017	U	0.0017	0.00050	mg/Kg	☼	09/29/25 09:43	10/03/25 22:39	1
N-Propylbenzene	0.0017	U	0.0017	0.00076	mg/Kg	☼	09/29/25 09:43	10/03/25 22:39	1
o-Xylene	0.0017	U	0.0017	0.00078	mg/Kg	☼	09/29/25 09:43	10/03/25 22:39	1
sec-Butylbenzene	0.0017	U	0.0017	0.00049	mg/Kg	☼	09/29/25 09:43	10/03/25 22:39	1
Styrene	0.0017	U	0.0017	0.00047	mg/Kg	☼	09/29/25 09:43	10/03/25 22:39	1
tert-Butylbenzene	0.0017	U	0.0017	0.00046	mg/Kg	☼	09/29/25 09:43	10/03/25 22:39	1
Tetrachloroethene	0.0017	U	0.0017	0.00051	mg/Kg	☼	09/29/25 09:43	10/03/25 22:39	1
Toluene	0.0017	U	0.0017	0.00039	mg/Kg	☼	09/29/25 09:43	10/03/25 22:39	1
trans-1,2-Dichloroethene	0.0017	U	0.0017	0.00041	mg/Kg	☼	09/29/25 09:43	10/03/25 22:39	1
trans-1,3-Dichloropropene	0.0017	U	0.0017	0.00045	mg/Kg	☼	09/29/25 09:43	10/03/25 22:39	1
Trichloroethene	0.0017	U	0.0017	0.00054	mg/Kg	☼	09/29/25 09:43	10/03/25 22:39	1
Trichlorofluoromethane	0.0017	U	0.0017	0.00068	mg/Kg	☼	09/29/25 09:43	10/03/25 22:39	1
Vinyl chloride	0.0017	U	0.0017	0.00092	mg/Kg	☼	09/29/25 09:43	10/03/25 22:39	1
Xylenes, Total	0.0034	U	0.0034	0.00029	mg/Kg	☼	09/29/25 09:43	10/03/25 22:39	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,2-Dichloroethane-d4 (Surr)	*118*		*65 - 138*	*09/29/25 09:43*	*10/03/25 22:39*	*1*
4-Bromofluorobenzene	*101*		*71 - 128*	*09/29/25 09:43*	*10/03/25 22:39*	*1*
Dibromofluoromethane (Surr)	*113*		*50 - 150*	*09/29/25 09:43*	*10/03/25 22:39*	*1*
Toluene-d8 (Surr)	*108*		*71 - 126*	*09/29/25 09:43*	*10/03/25 22:39*	*1*

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Percent Moisture (EPA Moisture)	**9.9**		1.0	1.0	%			09/28/25 21:11	1
Percent Solids (EPA Moisture)	**90.1**		1.0	1.0	%			09/28/25 21:11	1

Client: Haley & Aldrich, Inc.
Project/Site: Former Port Mobil

Job ID: 460-335806-1

Client Sample ID: 58A3_3-4
Date Collected: 09/26/25 10:10
Date Received: 09/26/25 16:20

Lab Sample ID: 460-335806-23
Matrix: Solid
Percent Solids: 95.1

Method: SW846 8260D - Volatile Organic Compounds by GC/MS

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1-Trichloroethane	0.0014	U	0.0014	0.00032	mg/Kg	☼	09/29/25 09:43	10/03/25 23:03	1
1,1,2,2-Tetrachloroethane	0.0014	U	0.0014	0.00073	mg/Kg	☼	09/29/25 09:43	10/03/25 23:03	1
1,1,2-Trichloro-1,2,2-trifluoroethane	0.0014	U	0.0014	0.00042	mg/Kg	☼	09/29/25 09:43	10/03/25 23:03	1
1,1,2-Trichloroethane	0.0014	U	0.0014	0.00084	mg/Kg	☼	09/29/25 09:43	10/03/25 23:03	1
1,1-Dichloroethane	0.0014	U	0.0014	0.00083	mg/Kg	☼	09/29/25 09:43	10/03/25 23:03	1
1,1-Dichloroethene	0.0014	U	0.0014	0.00031	mg/Kg	☼	09/29/25 09:43	10/03/25 23:03	1
1,2,3-Trichlorobenzene	0.0014	U	0.0014	0.0010	mg/Kg	☼	09/29/25 09:43	10/03/25 23:03	1
1,2,4-Trichlorobenzene	0.0014	U	0.0014	0.00050	mg/Kg	☼	09/29/25 09:43	10/03/25 23:03	1
1,2,4-Trimethylbenzene	0.0014	U	0.0014	0.00034	mg/Kg	☼	09/29/25 09:43	10/03/25 23:03	1
1,2-Dibromo-3-Chloropropane	0.0014	U	0.0014	0.00064	mg/Kg	☼	09/29/25 09:43	10/03/25 23:03	1
1,2-Dichlorobenzene	0.0014	U	0.0014	0.00050	mg/Kg	☼	09/29/25 09:43	10/03/25 23:03	1
1,2-Dichloroethane	0.0014	U	0.0014	0.00041	mg/Kg	☼	09/29/25 09:43	10/03/25 23:03	1
1,2-Dichloropropane	0.0014	U	0.0014	0.00059	mg/Kg	☼	09/29/25 09:43	10/03/25 23:03	1
1,3,5-Trimethylbenzene	0.0014	U	0.0014	0.00044	mg/Kg	☼	09/29/25 09:43	10/03/25 23:03	1
1,3-Dichlorobenzene	0.0014	U	0.0014	0.00051	mg/Kg	☼	09/29/25 09:43	10/03/25 23:03	1
1,4-Dichlorobenzene	0.0014	U	0.0014	0.00072	mg/Kg	☼	09/29/25 09:43	10/03/25 23:03	1
2-Butanone (MEK)	0.0070	U	0.0070	0.00051	mg/Kg	☼	09/29/25 09:43	10/03/25 23:03	1
2-Hexanone	0.0070	U	0.0070	0.0024	mg/Kg	☼	09/29/25 09:43	10/03/25 23:03	1
4-Methyl-2-pentanone (MIBK)	0.0070	U	0.0070	0.0022	mg/Kg	☼	09/29/25 09:43	10/03/25 23:03	1
Acetone	0.0084	U	0.0084	0.0080	mg/Kg	☼	09/29/25 09:43	10/03/25 23:03	1
Benzene	0.0014	U	0.0014	0.00079	mg/Kg	☼	09/29/25 09:43	10/03/25 23:03	1
Bromoform	0.0014	U	0.0014	0.00059	mg/Kg	☼	09/29/25 09:43	10/03/25 23:03	1
Bromomethane	0.0028	U	0.0028	0.0014	mg/Kg	☼	09/29/25 09:43	10/03/25 23:03	1
Carbon disulfide	0.0014	U	0.0014	0.00037	mg/Kg	☼	09/29/25 09:43	10/03/25 23:03	1
Carbon tetrachloride	0.0014	U	0.0014	0.00054	mg/Kg	☼	09/29/25 09:43	10/03/25 23:03	1
Chlorobenzene	0.0014	U	0.0014	0.00071	mg/Kg	☼	09/29/25 09:43	10/03/25 23:03	1
Chlorobromomethane	0.0014	U	0.0014	0.00083	mg/Kg	☼	09/29/25 09:43	10/03/25 23:03	1
Chlorodibromomethane	0.0014	U	0.0014	0.00075	mg/Kg	☼	09/29/25 09:43	10/03/25 23:03	1
Chloroethane	0.0014	U	0.0014	0.00073	mg/Kg	☼	09/29/25 09:43	10/03/25 23:03	1
Chloroform	0.0014	U	0.0014	0.0014	mg/Kg	☼	09/29/25 09:43	10/03/25 23:03	1
Chloromethane	0.0014	U	0.0014	0.00061	mg/Kg	☼	09/29/25 09:43	10/03/25 23:03	1
cis-1,2-Dichloroethene	0.0014	U	0.0014	0.00050	mg/Kg	☼	09/29/25 09:43	10/03/25 23:03	1
cis-1,3-Dichloropropene	0.0014	U	0.0014	0.00038	mg/Kg	☼	09/29/25 09:43	10/03/25 23:03	1
Cyclohexane	0.0014	U	0.0014	0.00031	mg/Kg	☼	09/29/25 09:43	10/03/25 23:03	1
Dichlorobromomethane	0.0014	U	0.0014	0.00036	mg/Kg	☼	09/29/25 09:43	10/03/25 23:03	1
Dichlorodifluoromethane	0.0014	U	0.0014	0.00047	mg/Kg	☼	09/29/25 09:43	10/03/25 23:03	1
Ethylbenzene	0.0014	U	0.0014	0.00065	mg/Kg	☼	09/29/25 09:43	10/03/25 23:03	1
Ethylene Dibromide	0.0014	U	0.0014	0.00070	mg/Kg	☼	09/29/25 09:43	10/03/25 23:03	1
Isopropylbenzene	0.0014	U	0.0014	0.00040	mg/Kg	☼	09/29/25 09:43	10/03/25 23:03	1
Methyl acetate	0.0070	U	0.0070	0.0060	mg/Kg	☼	09/29/25 09:43	10/03/25 23:03	1
Methyl tert-butyl ether	0.0014	U	0.0014	0.00071	mg/Kg	☼	09/29/25 09:43	10/03/25 23:03	1
Methylcyclohexane	0.0014	U	0.0014	0.00070	mg/Kg	☼	09/29/25 09:43	10/03/25 23:03	1
Methylene Chloride	0.0028	U	0.0028	0.0016	mg/Kg	☼	09/29/25 09:43	10/03/25 23:03	1
m-Xylene & p-Xylene	0.0014	U	0.0014	0.00059	mg/Kg	☼	09/29/25 09:43	10/03/25 23:03	1
n-Butylbenzene	0.0014	U	0.0014	0.00041	mg/Kg	☼	09/29/25 09:43	10/03/25 23:03	1
N-Propylbenzene	0.0014	U	0.0014	0.00063	mg/Kg	☼	09/29/25 09:43	10/03/25 23:03	1
o-Xylene	0.0014	U	0.0014	0.00064	mg/Kg	☼	09/29/25 09:43	10/03/25 23:03	1
sec-Butylbenzene	0.0014	U	0.0014	0.00040	mg/Kg	☼	09/29/25 09:43	10/03/25 23:03	1
Styrene	0.0014	U	0.0014	0.00039	mg/Kg	☼	09/29/25 09:43	10/03/25 23:03	1

Client Sample ID: 58A3_3-4

Date Collected: 09/26/25 10:10
Date Received: 09/26/25 16:20

Lab Sample ID: 460-335806-23

Matrix: Solid
Percent Solids: 95.1

Method: SW846 8260D - Volatile Organic Compounds by GC/MS (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
tert-Butylbenzene	0.0014	U	0.0014	0.00038	mg/Kg	☼	09/29/25 09:43	10/03/25 23:03	1
Tetrachloroethene	0.0014	U	0.0014	0.00042	mg/Kg	☼	09/29/25 09:43	10/03/25 23:03	1
Toluene	0.0014	U	0.0014	0.00033	mg/Kg	☼	09/29/25 09:43	10/03/25 23:03	1
trans-1,2-Dichloroethene	0.0014	U	0.0014	0.00034	mg/Kg	☼	09/29/25 09:43	10/03/25 23:03	1
trans-1,3-Dichloropropene	0.0014	U	0.0014	0.00037	mg/Kg	☼	09/29/25 09:43	10/03/25 23:03	1
Trichloroethene	0.0014	U	0.0014	0.00045	mg/Kg	☼	09/29/25 09:43	10/03/25 23:03	1
Trichlorofluoromethane	0.0014	U	0.0014	0.00057	mg/Kg	☼	09/29/25 09:43	10/03/25 23:03	1
Vinyl chloride	0.0014	U	0.0014	0.00076	mg/Kg	☼	09/29/25 09:43	10/03/25 23:03	1
Xylenes, Total	0.0028	U	0.0028	0.00024	mg/Kg	☼	09/29/25 09:43	10/03/25 23:03	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,2-Dichloroethane-d4 (Surr)	*122*		*65 - 138*	*09/29/25 09:43*	*10/03/25 23:03*	*1*
4-Bromofluorobenzene	*100*		*71 - 128*	*09/29/25 09:43*	*10/03/25 23:03*	*1*
Dibromofluoromethane (Surr)	*111*		*50 - 150*	*09/29/25 09:43*	*10/03/25 23:03*	*1*
Toluene-d8 (Surr)	*105*		*71 - 126*	*09/29/25 09:43*	*10/03/25 23:03*	*1*

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Percent Moisture (EPA Moisture)	**4.9**		1.0	1.0	%			09/28/25 21:11	1
Percent Solids (EPA Moisture)	**95.1**		1.0	1.0	%			09/28/25 21:11	1

Client Sample ID: 58A1_5-6

Date Collected: 09/26/25 10:15
Date Received: 09/26/25 16:20

Lab Sample ID: 460-335806-24

Matrix: Solid
Percent Solids: 88.4

Method: SW846 8260D - Volatile Organic Compounds by GC/MS

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1-Trichloroethane	0.0011	U	0.0011	0.00026	mg/Kg	☼	09/29/25 09:44	10/03/25 23:27	1
1,1,2,2-Tetrachloroethane	0.0011	U	0.0011	0.00058	mg/Kg	☼	09/29/25 09:44	10/03/25 23:27	1
1,1,2-Trichloro-1,2,2-trifluoroethane	0.0011	U	0.0011	0.00033	mg/Kg	☼	09/29/25 09:44	10/03/25 23:27	1
1,1,2-Trichloroethane	0.0011	U	0.0011	0.00067	mg/Kg	☼	09/29/25 09:44	10/03/25 23:27	1
1,1-Dichloroethane	0.0011	U	0.0011	0.00066	mg/Kg	☼	09/29/25 09:44	10/03/25 23:27	1
1,1-Dichloroethene	0.0011	U	0.0011	0.00025	mg/Kg	☼	09/29/25 09:44	10/03/25 23:27	1
1,2,3-Trichlorobenzene	0.0011	U	0.0011	0.00082	mg/Kg	☼	09/29/25 09:44	10/03/25 23:27	1
1,2,4-Trichlorobenzene	0.0011	U	0.0011	0.00040	mg/Kg	☼	09/29/25 09:44	10/03/25 23:27	1
1,2,4-Trimethylbenzene	0.0011	U	0.0011	0.00027	mg/Kg	☼	09/29/25 09:44	10/03/25 23:27	1
1,2-Dibromo-3-Chloropropane	0.0011	U	0.0011	0.00051	mg/Kg	☼	09/29/25 09:44	10/03/25 23:27	1
1,2-Dichlorobenzene	0.0011	U	0.0011	0.00040	mg/Kg	☼	09/29/25 09:44	10/03/25 23:27	1
1,2-Dichloroethane	0.0011	U	0.0011	0.00033	mg/Kg	☼	09/29/25 09:44	10/03/25 23:27	1
1,2-Dichloropropane	0.0011	U	0.0011	0.00047	mg/Kg	☼	09/29/25 09:44	10/03/25 23:27	1
1,3,5-Trimethylbenzene	0.0011	U	0.0011	0.00035	mg/Kg	☼	09/29/25 09:44	10/03/25 23:27	1
1,3-Dichlorobenzene	0.0011	U	0.0011	0.00041	mg/Kg	☼	09/29/25 09:44	10/03/25 23:27	1
1,4-Dichlorobenzene	0.0011	U	0.0011	0.00058	mg/Kg	☼	09/29/25 09:44	10/03/25 23:27	1
2-Butanone (MEK)	0.0056	U	0.0056	0.00041	mg/Kg	☼	09/29/25 09:44	10/03/25 23:27	1
2-Hexanone	0.0056	U	0.0056	0.0019	mg/Kg	☼	09/29/25 09:44	10/03/25 23:27	1
4-Methyl-2-pentanone (MIBK)	0.0056	U	0.0056	0.0017	mg/Kg	☼	09/29/25 09:44	10/03/25 23:27	1
Acetone	0.0067	U	0.0067	0.0064	mg/Kg	☼	09/29/25 09:44	10/03/25 23:27	1
Benzene	0.0011	U	0.0011	0.00063	mg/Kg	☼	09/29/25 09:44	10/03/25 23:27	1
Bromoform	0.0011	U	0.0011	0.00047	mg/Kg	☼	09/29/25 09:44	10/03/25 23:27	1
Bromomethane	0.0022	U	0.0022	0.0011	mg/Kg	☼	09/29/25 09:44	10/03/25 23:27	1

Client Sample ID: 58A1_5-6
Date Collected: 09/26/25 10:15
Date Received: 09/26/25 16:20

Lab Sample ID: 460-335806-24
Matrix: Solid
Percent Solids: 88.4

Method: SW846 8260D - Volatile Organic Compounds by GC/MS (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Carbon disulfide	0.0011	U	0.0011	0.00030	mg/Kg	☼	09/29/25 09:44	10/03/25 23:27	1
Carbon tetrachloride	0.0011	U	0.0011	0.00043	mg/Kg	☼	09/29/25 09:44	10/03/25 23:27	1
Chlorobenzene	0.0011	U	0.0011	0.00056	mg/Kg	☼	09/29/25 09:44	10/03/25 23:27	1
Chlorobromomethane	0.0011	U	0.0011	0.00066	mg/Kg	☼	09/29/25 09:44	10/03/25 23:27	1
Chlorodibromomethane	0.0011	U	0.0011	0.00060	mg/Kg	☼	09/29/25 09:44	10/03/25 23:27	1
Chloroethane	0.0011	U	0.0011	0.00058	mg/Kg	☼	09/29/25 09:44	10/03/25 23:27	1
Chloroform	0.0011	U	0.0011	0.0011	mg/Kg	☼	09/29/25 09:44	10/03/25 23:27	1
Chloromethane	0.0011	U	0.0011	0.00048	mg/Kg	☼	09/29/25 09:44	10/03/25 23:27	1
cis-1,2-Dichloroethene	0.0011	U	0.0011	0.00040	mg/Kg	☼	09/29/25 09:44	10/03/25 23:27	1
cis-1,3-Dichloropropene	0.0011	U	0.0011	0.00030	mg/Kg	☼	09/29/25 09:44	10/03/25 23:27	1
Cyclohexane	0.0011	U	0.0011	0.00025	mg/Kg	☼	09/29/25 09:44	10/03/25 23:27	1
Dichlorobromomethane	0.0011	U	0.0011	0.00029	mg/Kg	☼	09/29/25 09:44	10/03/25 23:27	1
Dichlorodifluoromethane	0.0011	U	0.0011	0.00038	mg/Kg	☼	09/29/25 09:44	10/03/25 23:27	1
Ethylbenzene	0.0011	U	0.0011	0.00052	mg/Kg	☼	09/29/25 09:44	10/03/25 23:27	1
Ethylene Dibromide	0.0011	U	0.0011	0.00056	mg/Kg	☼	09/29/25 09:44	10/03/25 23:27	1
Isopropylbenzene	0.0011	U	0.0011	0.00032	mg/Kg	☼	09/29/25 09:44	10/03/25 23:27	1
Methyl acetate	0.0056	U	0.0056	0.0048	mg/Kg	☼	09/29/25 09:44	10/03/25 23:27	1
Methyl tert-butyl ether	0.0011	U	0.0011	0.00057	mg/Kg	☼	09/29/25 09:44	10/03/25 23:27	1
Methylcyclohexane	0.0011	U	0.0011	0.00055	mg/Kg	☼	09/29/25 09:44	10/03/25 23:27	1
Methylene Chloride	**0.0018**	**J**	0.0022	0.0013	mg/Kg	☼	09/29/25 09:44	10/03/25 23:27	1
m-Xylene & p-Xylene	0.0011	U	0.0011	0.00047	mg/Kg	☼	09/29/25 09:44	10/03/25 23:27	1
n-Butylbenzene	0.0011	U	0.0011	0.00033	mg/Kg	☼	09/29/25 09:44	10/03/25 23:27	1
N-Propylbenzene	0.0011	U	0.0011	0.00050	mg/Kg	☼	09/29/25 09:44	10/03/25 23:27	1
o-Xylene	0.0011	U	0.0011	0.00051	mg/Kg	☼	09/29/25 09:44	10/03/25 23:27	1
sec-Butylbenzene	0.0011	U	0.0011	0.00032	mg/Kg	☼	09/29/25 09:44	10/03/25 23:27	1
Styrene	0.0011	U	0.0011	0.00031	mg/Kg	☼	09/29/25 09:44	10/03/25 23:27	1
tert-Butylbenzene	0.0011	U	0.0011	0.00031	mg/Kg	☼	09/29/25 09:44	10/03/25 23:27	1
Tetrachloroethene	0.0011	U	0.0011	0.00034	mg/Kg	☼	09/29/25 09:44	10/03/25 23:27	1
Toluene	0.0011	U	0.0011	0.00026	mg/Kg	☼	09/29/25 09:44	10/03/25 23:27	1
trans-1,2-Dichloroethene	0.0011	U	0.0011	0.00027	mg/Kg	☼	09/29/25 09:44	10/03/25 23:27	1
trans-1,3-Dichloropropene	0.0011	U	0.0011	0.00030	mg/Kg	☼	09/29/25 09:44	10/03/25 23:27	1
Trichloroethene	0.0011	U	0.0011	0.00036	mg/Kg	☼	09/29/25 09:44	10/03/25 23:27	1
Trichlorofluoromethane	0.0011	U	0.0011	0.00045	mg/Kg	☼	09/29/25 09:44	10/03/25 23:27	1
Vinyl chloride	0.0011	U	0.0011	0.00061	mg/Kg	☼	09/29/25 09:44	10/03/25 23:27	1
Xylenes, Total	0.0022	U	0.0022	0.00019	mg/Kg	☼	09/29/25 09:44	10/03/25 23:27	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,2-Dichloroethane-d4 (Surr)	*118*		*65 - 138*	*09/29/25 09:44*	*10/03/25 23:27*	*1*
4-Bromofluorobenzene	*93*		*71 - 128*	*09/29/25 09:44*	*10/03/25 23:27*	*1*
Dibromofluoromethane (Surr)	*107*		*50 - 150*	*09/29/25 09:44*	*10/03/25 23:27*	*1*
Toluene-d8 (Surr)	*101*		*71 - 126*	*09/29/25 09:44*	*10/03/25 23:27*	*1*

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Percent Moisture (EPA Moisture)	**11.6**		1.0	1.0	%			09/28/25 21:11	1
Percent Solids (EPA Moisture)	**88.4**		1.0	1.0	%			09/28/25 21:11	1

Client: Haley & Aldrich, Inc.
Project/Site: Former Port Mobil

Job ID: 460-335806-1

Client Sample ID: 58A2_6-7
Date Collected: 09/26/25 10:20
Date Received: 09/26/25 16:20

Lab Sample ID: 460-335806-25
Matrix: Solid
Percent Solids: 89.3

Method: SW846 8260D - Volatile Organic Compounds by GC/MS

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1-Trichloroethane	0.0022	U	0.0022	0.00051	mg/Kg	☼	09/29/25 09:44	10/03/25 23:50	1
1,1,2,2-Tetrachloroethane	0.0022	U	0.0022	0.0011	mg/Kg	☼	09/29/25 09:44	10/03/25 23:50	1
1,1,2-Trichloro-1,2,2-trifluoroethane	0.0022	U	0.0022	0.00066	mg/Kg	☼	09/29/25 09:44	10/03/25 23:50	1
1,1,2-Trichloroethane	0.0022	U	0.0022	0.0013	mg/Kg	☼	09/29/25 09:44	10/03/25 23:50	1
1,1-Dichloroethane	0.0022	U	0.0022	0.0013	mg/Kg	☼	09/29/25 09:44	10/03/25 23:50	1
1,1-Dichloroethene	0.0022	U	0.0022	0.00049	mg/Kg	☼	09/29/25 09:44	10/03/25 23:50	1
1,2,3-Trichlorobenzene	0.0022	U	0.0022	0.0016	mg/Kg	☼	09/29/25 09:44	10/03/25 23:50	1
1,2,4-Trichlorobenzene	0.0022	U	0.0022	0.00079	mg/Kg	☼	09/29/25 09:44	10/03/25 23:50	1
1,2,4-Trimethylbenzene	0.0022	U	0.0022	0.00054	mg/Kg	☼	09/29/25 09:44	10/03/25 23:50	1
1,2-Dibromo-3-Chloropropane	0.0022	U	0.0022	0.0010	mg/Kg	☼	09/29/25 09:44	10/03/25 23:50	1
1,2-Dichlorobenzene	0.0022	U	0.0022	0.00079	mg/Kg	☼	09/29/25 09:44	10/03/25 23:50	1
1,2-Dichloroethane	0.0022	U	0.0022	0.00065	mg/Kg	☼	09/29/25 09:44	10/03/25 23:50	1
1,2-Dichloropropane	0.0022	U	0.0022	0.00093	mg/Kg	☼	09/29/25 09:44	10/03/25 23:50	1
1,3,5-Trimethylbenzene	0.0022	U	0.0022	0.00069	mg/Kg	☼	09/29/25 09:44	10/03/25 23:50	1
1,3-Dichlorobenzene	0.0022	U	0.0022	0.00080	mg/Kg	☼	09/29/25 09:44	10/03/25 23:50	1
1,4-Dichlorobenzene	0.0022	U	0.0022	0.0011	mg/Kg	☼	09/29/25 09:44	10/03/25 23:50	1
2-Butanone (MEK)	0.011	U	0.011	0.00081	mg/Kg	☼	09/29/25 09:44	10/03/25 23:50	1
2-Hexanone	0.011	U	0.011	0.0038	mg/Kg	☼	09/29/25 09:44	10/03/25 23:50	1
4-Methyl-2-pentanone (MIBK)	0.011	U	0.011	0.0034	mg/Kg	☼	09/29/25 09:44	10/03/25 23:50	1
Acetone	0.013	U	0.013	0.013	mg/Kg	☼	09/29/25 09:44	10/03/25 23:50	1
Benzene	0.0022	U	0.0022	0.0012	mg/Kg	☼	09/29/25 09:44	10/03/25 23:50	1
Bromoform	0.0022	U	0.0022	0.00093	mg/Kg	☼	09/29/25 09:44	10/03/25 23:50	1
Bromomethane	0.0044	U	0.0044	0.0022	mg/Kg	☼	09/29/25 09:44	10/03/25 23:50	1
Carbon disulfide	0.0022	U	0.0022	0.00058	mg/Kg	☼	09/29/25 09:44	10/03/25 23:50	1
Carbon tetrachloride	0.0022	U	0.0022	0.00085	mg/Kg	☼	09/29/25 09:44	10/03/25 23:50	1
Chlorobenzene	0.0022	U	0.0022	0.0011	mg/Kg	☼	09/29/25 09:44	10/03/25 23:50	1
Chlorobromomethane	0.0022	U	0.0022	0.0013	mg/Kg	☼	09/29/25 09:44	10/03/25 23:50	1
Chlorodibromomethane	0.0022	U	0.0022	0.0012	mg/Kg	☼	09/29/25 09:44	10/03/25 23:50	1
Chloroethane	0.0022	U	0.0022	0.0011	mg/Kg	☼	09/29/25 09:44	10/03/25 23:50	1
Chloroform	0.0022	U	0.0022	0.0021	mg/Kg	☼	09/29/25 09:44	10/03/25 23:50	1
Chloromethane	0.0022	U	0.0022	0.00095	mg/Kg	☼	09/29/25 09:44	10/03/25 23:50	1
cis-1,2-Dichloroethene	0.0022	U	0.0022	0.00079	mg/Kg	☼	09/29/25 09:44	10/03/25 23:50	1
cis-1,3-Dichloropropene	0.0022	U	0.0022	0.00060	mg/Kg	☼	09/29/25 09:44	10/03/25 23:50	1
Cyclohexane	0.0022	U	0.0022	0.00048	mg/Kg	☼	09/29/25 09:44	10/03/25 23:50	1
Dichlorobromomethane	0.0022	U	0.0022	0.00056	mg/Kg	☼	09/29/25 09:44	10/03/25 23:50	1
Dichlorodifluoromethane	0.0022	U	0.0022	0.00074	mg/Kg	☼	09/29/25 09:44	10/03/25 23:50	1
Ethylbenzene	0.0022	U	0.0022	0.0010	mg/Kg	☼	09/29/25 09:44	10/03/25 23:50	1
Ethylene Dibromide	0.0022	U	0.0022	0.0011	mg/Kg	☼	09/29/25 09:44	10/03/25 23:50	1
Isopropylbenzene	0.0022	U	0.0022	0.00063	mg/Kg	☼	09/29/25 09:44	10/03/25 23:50	1
Methyl acetate	0.011	U	0.011	0.0094	mg/Kg	☼	09/29/25 09:44	10/03/25 23:50	1
Methyl tert-butyl ether	0.0022	U	0.0022	0.0011	mg/Kg	☼	09/29/25 09:44	10/03/25 23:50	1
Methylcyclohexane	0.0022	U	0.0022	0.0011	mg/Kg	☼	09/29/25 09:44	10/03/25 23:50	1
Methylene Chloride	0.0044	U	0.0044	0.0025	mg/Kg	☼	09/29/25 09:44	10/03/25 23:50	1
m-Xylene & p-Xylene	0.0022	U	0.0022	0.00093	mg/Kg	☼	09/29/25 09:44	10/03/25 23:50	1
n-Butylbenzene	0.0022	U	0.0022	0.00064	mg/Kg	☼	09/29/25 09:44	10/03/25 23:50	1
N-Propylbenzene	0.0022	U	0.0022	0.00098	mg/Kg	☼	09/29/25 09:44	10/03/25 23:50	1
o-Xylene	0.0022	U	0.0022	0.0010	mg/Kg	☼	09/29/25 09:44	10/03/25 23:50	1
sec-Butylbenzene	0.0022	U	0.0022	0.00063	mg/Kg	☼	09/29/25 09:44	10/03/25 23:50	1
Styrene	0.0022	U	0.0022	0.00061	mg/Kg	☼	09/29/25 09:44	10/03/25 23:50	1

Client Sample ID: 58A2_6-7

Lab Sample ID: 460-335806-25

Date Collected: 09/26/25 10:20
Matrix: Solid
Date Received: 09/26/25 16:20
Percent Solids: 89.3

Method: SW846 8260D - Volatile Organic Compounds by GC/MS (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
tert-Butylbenzene	0.0022	U	0.0022	0.00061	mg/Kg	☼	09/29/25 09:44	10/03/25 23:50	1
Tetrachloroethene	0.0022	U	0.0022	0.00067	mg/Kg	☼	09/29/25 09:44	10/03/25 23:50	1
Toluene	0.0022	U	0.0022	0.00051	mg/Kg	☼	09/29/25 09:44	10/03/25 23:50	1
trans-1,2-Dichloroethene	0.0022	U	0.0022	0.00054	mg/Kg	☼	09/29/25 09:44	10/03/25 23:50	1
trans-1,3-Dichloropropene	0.0022	U	0.0022	0.00058	mg/Kg	☼	09/29/25 09:44	10/03/25 23:50	1
Trichloroethene	0.0022	U	0.0022	0.00070	mg/Kg	☼	09/29/25 09:44	10/03/25 23:50	1
Trichlorofluoromethane	0.0022	U	0.0022	0.00089	mg/Kg	☼	09/29/25 09:44	10/03/25 23:50	1
Vinyl chloride	0.0022	U	0.0022	0.0012	mg/Kg	☼	09/29/25 09:44	10/03/25 23:50	1
Xylenes, Total	0.0044	U	0.0044	0.00038	mg/Kg	☼	09/29/25 09:44	10/03/25 23:50	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,2-Dichloroethane-d4 (Surr)	*121*		*65 - 138*	*09/29/25 09:44*	*10/03/25 23:50*	*1*
4-Bromofluorobenzene	*99*		*71 - 128*	*09/29/25 09:44*	*10/03/25 23:50*	*1*
Dibromofluoromethane (Surr)	*114*		*50 - 150*	*09/29/25 09:44*	*10/03/25 23:50*	*1*
Toluene-d8 (Surr)	*105*		*71 - 126*	*09/29/25 09:44*	*10/03/25 23:50*	*1*

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Percent Moisture (EPA Moisture)	**10.7**		1.0	1.0	%			09/28/25 21:11	1
Percent Solids (EPA Moisture)	**89.3**		1.0	1.0	%			09/28/25 21:11	1

Client Sample ID: 58A3_7-8

Lab Sample ID: 460-335806-26

Date Collected: 09/26/25 10:25
Matrix: Solid
Date Received: 09/26/25 16:20
Percent Solids: 84.8

Method: SW846 8260D - Volatile Organic Compounds by GC/MS

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1-Trichloroethane	0.00096	U	0.00096	0.00022	mg/Kg	☼	09/29/25 09:44	10/04/25 00:14	1
1,1,2,2-Tetrachloroethane	0.00096	U	0.00096	0.00050	mg/Kg	☼	09/29/25 09:44	10/04/25 00:14	1
1,1,2-Trichloro-1,2,2-trifluoroethane	0.00096	U	0.00096	0.00029	mg/Kg	☼	09/29/25 09:44	10/04/25 00:14	1
1,1,2-Trichloroethane	0.00096	U	0.00096	0.00058	mg/Kg	☼	09/29/25 09:44	10/04/25 00:14	1
1,1-Dichloroethane	0.00096	U	0.00096	0.00058	mg/Kg	☼	09/29/25 09:44	10/04/25 00:14	1
1,1-Dichloroethene	0.00096	U	0.00096	0.00022	mg/Kg	☼	09/29/25 09:44	10/04/25 00:14	1
1,2,3-Trichlorobenzene	0.00096	U	0.00096	0.00071	mg/Kg	☼	09/29/25 09:44	10/04/25 00:14	1
1,2,4-Trichlorobenzene	0.00096	U	0.00096	0.00034	mg/Kg	☼	09/29/25 09:44	10/04/25 00:14	1
1,2,4-Trimethylbenzene	0.00096	U	0.00096	0.00024	mg/Kg	☼	09/29/25 09:44	10/04/25 00:14	1
1,2-Dibromo-3-Chloropropane	0.00096	U	0.00096	0.00044	mg/Kg	☼	09/29/25 09:44	10/04/25 00:14	1
1,2-Dichlorobenzene	0.00096	U	0.00096	0.00035	mg/Kg	☼	09/29/25 09:44	10/04/25 00:14	1
1,2-Dichloroethane	0.00096	U	0.00096	0.00029	mg/Kg	☼	09/29/25 09:44	10/04/25 00:14	1
1,2-Dichloropropane	0.00096	U	0.00096	0.00041	mg/Kg	☼	09/29/25 09:44	10/04/25 00:14	1
1,3,5-Trimethylbenzene	0.00096	U	0.00096	0.00030	mg/Kg	☼	09/29/25 09:44	10/04/25 00:14	1
1,3-Dichlorobenzene	0.00096	U	0.00096	0.00035	mg/Kg	☼	09/29/25 09:44	10/04/25 00:14	1
1,4-Dichlorobenzene	0.00096	U	0.00096	0.00050	mg/Kg	☼	09/29/25 09:44	10/04/25 00:14	1
2-Butanone (MEK)	0.0048	U	0.0048	0.00035	mg/Kg	☼	09/29/25 09:44	10/04/25 00:14	1
2-Hexanone	0.0048	U	0.0048	0.0016	mg/Kg	☼	09/29/25 09:44	10/04/25 00:14	1
4-Methyl-2-pentanone (MIBK)	0.0048	U	0.0048	0.0015	mg/Kg	☼	09/29/25 09:44	10/04/25 00:14	1
Acetone	0.0058	U	0.0058	0.0055	mg/Kg	☼	09/29/25 09:44	10/04/25 00:14	1
Benzene	0.00096	U	0.00096	0.00055	mg/Kg	☼	09/29/25 09:44	10/04/25 00:14	1
Bromoform	0.00096	U	0.00096	0.00041	mg/Kg	☼	09/29/25 09:44	10/04/25 00:14	1
Bromomethane	0.0019	U	0.0019	0.00096	mg/Kg	☼	09/29/25 09:44	10/04/25 00:14	1

Client Sample ID: 58A3_7-8
Date Collected: 09/26/25 10:25
Date Received: 09/26/25 16:20

Lab Sample ID: 460-335806-26
Matrix: Solid
Percent Solids: 84.8

Method: SW846 8260D - Volatile Organic Compounds by GC/MS (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Carbon disulfide	0.00096	U	0.00096	0.00026	mg/Kg	☼	09/29/25 09:44	10/04/25 00:14	1
Carbon tetrachloride	0.00096	U	0.00096	0.00037	mg/Kg	☼	09/29/25 09:44	10/04/25 00:14	1
Chlorobenzene	0.00096	U	0.00096	0.00049	mg/Kg	☼	09/29/25 09:44	10/04/25 00:14	1
Chlorobromomethane	0.00096	U	0.00096	0.00057	mg/Kg	☼	09/29/25 09:44	10/04/25 00:14	1
Chlorodibromomethane	0.00096	U	0.00096	0.00052	mg/Kg	☼	09/29/25 09:44	10/04/25 00:14	1
Chloroethane	0.00096	U	0.00096	0.00050	mg/Kg	☼	09/29/25 09:44	10/04/25 00:14	1
Chloroform	0.00096	U	0.00096	0.00094	mg/Kg	☼	09/29/25 09:44	10/04/25 00:14	1
Chloromethane	0.00096	U	0.00096	0.00042	mg/Kg	☼	09/29/25 09:44	10/04/25 00:14	1
cis-1,2-Dichloroethene	0.00096	U	0.00096	0.00034	mg/Kg	☼	09/29/25 09:44	10/04/25 00:14	1
cis-1,3-Dichloropropene	0.00096	U	0.00096	0.00026	mg/Kg	☼	09/29/25 09:44	10/04/25 00:14	1
Cyclohexane	0.00096	U	0.00096	0.00021	mg/Kg	☼	09/29/25 09:44	10/04/25 00:14	1
Dichlorobromomethane	0.00096	U	0.00096	0.00025	mg/Kg	☼	09/29/25 09:44	10/04/25 00:14	1
Dichlorodifluoromethane	0.00096	U	0.00096	0.00033	mg/Kg	☼	09/29/25 09:44	10/04/25 00:14	1
Ethylbenzene	0.00096	U	0.00096	0.00045	mg/Kg	☼	09/29/25 09:44	10/04/25 00:14	1
Ethylene Dibromide	0.00096	U	0.00096	0.00049	mg/Kg	☼	09/29/25 09:44	10/04/25 00:14	1
Isopropylbenzene	0.00096	U	0.00096	0.00027	mg/Kg	☼	09/29/25 09:44	10/04/25 00:14	1
Methyl acetate	0.0048	U	0.0048	0.0041	mg/Kg	☼	09/29/25 09:44	10/04/25 00:14	1
Methyl tert-butyl ether	0.00096	U	0.00096	0.00049	mg/Kg	☼	09/29/25 09:44	10/04/25 00:14	1
Methylcyclohexane	0.00096	U	0.00096	0.00048	mg/Kg	☼	09/29/25 09:44	10/04/25 00:14	1
Methylene Chloride	**0.0022**		0.0019	0.0011	mg/Kg	☼	09/29/25 09:44	10/04/25 00:14	1
m-Xylene & p-Xylene	0.00096	U	0.00096	0.00041	mg/Kg	☼	09/29/25 09:44	10/04/25 00:14	1
n-Butylbenzene	0.00096	U	0.00096	0.00028	mg/Kg	☼	09/29/25 09:44	10/04/25 00:14	1
N-Propylbenzene	0.00096	U	0.00096	0.00043	mg/Kg	☼	09/29/25 09:44	10/04/25 00:14	1
o-Xylene	0.00096	U	0.00096	0.00044	mg/Kg	☼	09/29/25 09:44	10/04/25 00:14	1
sec-Butylbenzene	0.00096	U	0.00096	0.00028	mg/Kg	☼	09/29/25 09:44	10/04/25 00:14	1
Styrene	0.00096	U	0.00096	0.00027	mg/Kg	☼	09/29/25 09:44	10/04/25 00:14	1
tert-Butylbenzene	0.00096	U	0.00096	0.00027	mg/Kg	☼	09/29/25 09:44	10/04/25 00:14	1
Tetrachloroethene	0.00096	U	0.00096	0.00029	mg/Kg	☼	09/29/25 09:44	10/04/25 00:14	1
Toluene	0.00096	U	0.00096	0.00023	mg/Kg	☼	09/29/25 09:44	10/04/25 00:14	1
trans-1,2-Dichloroethene	0.00096	U	0.00096	0.00024	mg/Kg	☼	09/29/25 09:44	10/04/25 00:14	1
trans-1,3-Dichloropropene	0.00096	U	0.00096	0.00026	mg/Kg	☼	09/29/25 09:44	10/04/25 00:14	1
Trichloroethene	0.00096	U	0.00096	0.00031	mg/Kg	☼	09/29/25 09:44	10/04/25 00:14	1
Trichlorofluoromethane	0.00096	U	0.00096	0.00039	mg/Kg	☼	09/29/25 09:44	10/04/25 00:14	1
Vinyl chloride	0.00096	U	0.00096	0.00053	mg/Kg	☼	09/29/25 09:44	10/04/25 00:14	1
Xylenes, Total	0.0019	U	0.0019	0.00017	mg/Kg	☼	09/29/25 09:44	10/04/25 00:14	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,2-Dichloroethane-d4 (Surr)	*121*		*65 - 138*	*09/29/25 09:44*	*10/04/25 00:14*	*1*
4-Bromofluorobenzene	*95*		*71 - 128*	*09/29/25 09:44*	*10/04/25 00:14*	*1*
Dibromofluoromethane (Surr)	*111*		*50 - 150*	*09/29/25 09:44*	*10/04/25 00:14*	*1*
Toluene-d8 (Surr)	*102*		*71 - 126*	*09/29/25 09:44*	*10/04/25 00:14*	*1*

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Percent Moisture (EPA Moisture)	**15.2**		1.0	1.0	%			09/28/25 21:11	1
Percent Solids (EPA Moisture)	**84.8**		1.0	1.0	%			09/28/25 21:11	1

Client: Haley & Aldrich, Inc.
Project/Site: Former Port Mobil

Job ID: 460-335806-1

Client Sample ID: 58A2_9-10
Date Collected: 09/26/25 10:30
Date Received: 09/26/25 16:20

Lab Sample ID: 460-335806-27
Matrix: Solid
Percent Solids: 84.1

Method: SW846 8260D - Volatile Organic Compounds by GC/MS

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1-Trichloroethane	0.0011	U	0.0011	0.00025	mg/Kg	☼	09/29/25 09:45	10/04/25 00:38	1
1,1,2,2-Tetrachloroethane	0.0011	U	0.0011	0.00057	mg/Kg	☼	09/29/25 09:45	10/04/25 00:38	1
1,1,2-Trichloro-1,2,2-trifluoroethane	0.0011	U	0.0011	0.00033	mg/Kg	☼	09/29/25 09:45	10/04/25 00:38	1
1,1,2-Trichloroethane	0.0011	U	0.0011	0.00065	mg/Kg	☼	09/29/25 09:45	10/04/25 00:38	1
1,1-Dichloroethane	0.0011	U	0.0011	0.00065	mg/Kg	☼	09/29/25 09:45	10/04/25 00:38	1
1,1-Dichloroethene	0.0011	U	0.0011	0.00024	mg/Kg	☼	09/29/25 09:45	10/04/25 00:38	1
1,2,3-Trichlorobenzene	0.0011	U	0.0011	0.00080	mg/Kg	☼	09/29/25 09:45	10/04/25 00:38	1
1,2,4-Trichlorobenzene	0.0011	U	0.0011	0.00039	mg/Kg	☼	09/29/25 09:45	10/04/25 00:38	1
1,2,4-Trimethylbenzene	0.0011	U	0.0011	0.00027	mg/Kg	☼	09/29/25 09:45	10/04/25 00:38	1
1,2-Dibromo-3-Chloropropane	0.0011	U	0.0011	0.00050	mg/Kg	☼	09/29/25 09:45	10/04/25 00:38	1
1,2-Dichlorobenzene	0.0011	U	0.0011	0.00039	mg/Kg	☼	09/29/25 09:45	10/04/25 00:38	1
1,2-Dichloroethane	0.0011	U	0.0011	0.00032	mg/Kg	☼	09/29/25 09:45	10/04/25 00:38	1
1,2-Dichloropropane	0.0011	U	0.0011	0.00046	mg/Kg	☼	09/29/25 09:45	10/04/25 00:38	1
1,3,5-Trimethylbenzene	0.0011	U	0.0011	0.00034	mg/Kg	☼	09/29/25 09:45	10/04/25 00:38	1
1,3-Dichlorobenzene	0.0011	U	0.0011	0.00040	mg/Kg	☼	09/29/25 09:45	10/04/25 00:38	1
1,4-Dichlorobenzene	0.0011	U	0.0011	0.00056	mg/Kg	☼	09/29/25 09:45	10/04/25 00:38	1
2-Butanone (MEK)	0.0054	U	0.0054	0.00040	mg/Kg	☼	09/29/25 09:45	10/04/25 00:38	1
2-Hexanone	0.0054	U	0.0054	0.0019	mg/Kg	☼	09/29/25 09:45	10/04/25 00:38	1
4-Methyl-2-pentanone (MIBK)	0.0054	U	0.0054	0.0017	mg/Kg	☼	09/29/25 09:45	10/04/25 00:38	1
Acetone	0.0065	U	0.0065	0.0062	mg/Kg	☼	09/29/25 09:45	10/04/25 00:38	1
Benzene	0.0011	U	0.0011	0.00062	mg/Kg	☼	09/29/25 09:45	10/04/25 00:38	1
Bromoform	0.0011	U	0.0011	0.00046	mg/Kg	☼	09/29/25 09:45	10/04/25 00:38	1
Bromomethane	0.0022	U	0.0022	0.0011	mg/Kg	☼	09/29/25 09:45	10/04/25 00:38	1
Carbon disulfide	0.0011	U	0.0011	0.00029	mg/Kg	☼	09/29/25 09:45	10/04/25 00:38	1
Carbon tetrachloride	0.0011	U	0.0011	0.00042	mg/Kg	☼	09/29/25 09:45	10/04/25 00:38	1
Chlorobenzene	0.0011	U	0.0011	0.00055	mg/Kg	☼	09/29/25 09:45	10/04/25 00:38	1
Chlorobromomethane	0.0011	U	0.0011	0.00065	mg/Kg	☼	09/29/25 09:45	10/04/25 00:38	1
Chlorodibromomethane	0.0011	U	0.0011	0.00058	mg/Kg	☼	09/29/25 09:45	10/04/25 00:38	1
Chloroethane	0.0011	U	0.0011	0.00057	mg/Kg	☼	09/29/25 09:45	10/04/25 00:38	1
Chloroform	0.0011	U	0.0011	0.0011	mg/Kg	☼	09/29/25 09:45	10/04/25 00:38	1
Chloromethane	0.0011	U	0.0011	0.00047	mg/Kg	☼	09/29/25 09:45	10/04/25 00:38	1
cis-1,2-Dichloroethene	0.0011	U	0.0011	0.00039	mg/Kg	☼	09/29/25 09:45	10/04/25 00:38	1
cis-1,3-Dichloropropene	0.0011	U	0.0011	0.00030	mg/Kg	☼	09/29/25 09:45	10/04/25 00:38	1
Cyclohexane	0.0011	U	0.0011	0.00024	mg/Kg	☼	09/29/25 09:45	10/04/25 00:38	1
Dichlorobromomethane	0.0011	U	0.0011	0.00028	mg/Kg	☼	09/29/25 09:45	10/04/25 00:38	1
Dichlorodifluoromethane	0.0011	U	0.0011	0.00037	mg/Kg	☼	09/29/25 09:45	10/04/25 00:38	1
Ethylbenzene	0.0011	U	0.0011	0.00051	mg/Kg	☼	09/29/25 09:45	10/04/25 00:38	1
Ethylene Dibromide	0.0011	U	0.0011	0.00055	mg/Kg	☼	09/29/25 09:45	10/04/25 00:38	1
Isopropylbenzene	0.0011	U	0.0011	0.00031	mg/Kg	☼	09/29/25 09:45	10/04/25 00:38	1
Methyl acetate	0.0054	U	0.0054	0.0047	mg/Kg	☼	09/29/25 09:45	10/04/25 00:38	1
Methyl tert-butyl ether	0.0011	U	0.0011	0.00056	mg/Kg	☼	09/29/25 09:45	10/04/25 00:38	1
Methylcyclohexane	0.0011	U	0.0011	0.00054	mg/Kg	☼	09/29/25 09:45	10/04/25 00:38	1
Methylene Chloride	**0.0016**	**J**	0.0022	0.0012	mg/Kg	☼	09/29/25 09:45	10/04/25 00:38	1
m-Xylene & p-Xylene	0.0011	U	0.0011	0.00046	mg/Kg	☼	09/29/25 09:45	10/04/25 00:38	1
n-Butylbenzene	0.0011	U	0.0011	0.00032	mg/Kg	☼	09/29/25 09:45	10/04/25 00:38	1
N-Propylbenzene	0.0011	U	0.0011	0.00049	mg/Kg	☼	09/29/25 09:45	10/04/25 00:38	1
o-Xylene	0.0011	U	0.0011	0.00050	mg/Kg	☼	09/29/25 09:45	10/04/25 00:38	1
sec-Butylbenzene	0.0011	U	0.0011	0.00031	mg/Kg	☼	09/29/25 09:45	10/04/25 00:38	1
Styrene	0.0011	U	0.0011	0.00030	mg/Kg	☼	09/29/25 09:45	10/04/25 00:38	1

Client Sample ID: 58A2_9-10

Lab Sample ID: 460-335806-27

Date Collected: 09/26/25 10:30
Matrix: Solid
Date Received: 09/26/25 16:20
Percent Solids: 84.1

Method: SW846 8260D - Volatile Organic Compounds by GC/MS (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
tert-Butylbenzene	0.0011	U	0.0011	0.00030	mg/Kg	☼	09/29/25 09:45	10/04/25 00:38	1
Tetrachloroethene	0.0011	U	0.0011	0.00033	mg/Kg	☼	09/29/25 09:45	10/04/25 00:38	1
Toluene	0.0011	U	0.0011	0.00025	mg/Kg	☼	09/29/25 09:45	10/04/25 00:38	1
trans-1,2-Dichloroethene	0.0011	U	0.0011	0.00027	mg/Kg	☼	09/29/25 09:45	10/04/25 00:38	1
trans-1,3-Dichloropropene	0.0011	U	0.0011	0.00029	mg/Kg	☼	09/29/25 09:45	10/04/25 00:38	1
Trichloroethene	0.0011	U	0.0011	0.00035	mg/Kg	☼	09/29/25 09:45	10/04/25 00:38	1
Trichlorofluoromethane	0.0011	U	0.0011	0.00044	mg/Kg	☼	09/29/25 09:45	10/04/25 00:38	1
Vinyl chloride	0.0011	U	0.0011	0.00059	mg/Kg	☼	09/29/25 09:45	10/04/25 00:38	1
Xylenes, Total	0.0022	U	0.0022	0.00019	mg/Kg	☼	09/29/25 09:45	10/04/25 00:38	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,2-Dichloroethane-d4 (Surr)	*121*		*65 - 138*	*09/29/25 09:45*	*10/04/25 00:38*	*1*
4-Bromofluorobenzene	*96*		*71 - 128*	*09/29/25 09:45*	*10/04/25 00:38*	*1*
Dibromofluoromethane (Surr)	*112*		*50 - 150*	*09/29/25 09:45*	*10/04/25 00:38*	*1*
Toluene-d8 (Surr)	*102*		*71 - 126*	*09/29/25 09:45*	*10/04/25 00:38*	*1*

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Percent Moisture (EPA Moisture)	**15.9**		1.0	1.0	%			09/28/25 21:11	1
Percent Solids (EPA Moisture)	**84.1**		1.0	1.0	%			09/28/25 21:11	1

Client Sample ID: 58B1_0-1

Lab Sample ID: 460-335806-28

Date Collected: 09/26/25 10:35
Matrix: Solid
Date Received: 09/26/25 16:20
Percent Solids: 89.7

Method: SW846 8260D - Volatile Organic Compounds by GC/MS

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1-Trichloroethane	0.0014	U	0.0014	0.00033	mg/Kg	☼	09/29/25 09:45	10/04/25 01:02	1
1,1,2,2-Tetrachloroethane	0.0014	U	0.0014	0.00074	mg/Kg	☼	09/29/25 09:45	10/04/25 01:02	1
1,1,2-Trichloro-1,2,2-trifluoroethane	0.0014	U	0.0014	0.00043	mg/Kg	☼	09/29/25 09:45	10/04/25 01:02	1
1,1,2-Trichloroethane	0.0014	U	0.0014	0.00085	mg/Kg	☼	09/29/25 09:45	10/04/25 01:02	1
1,1-Dichloroethane	0.0014	U	0.0014	0.00085	mg/Kg	☼	09/29/25 09:45	10/04/25 01:02	1
1,1-Dichloroethene	0.0014	U	0.0014	0.00032	mg/Kg	☼	09/29/25 09:45	10/04/25 01:02	1
1,2,3-Trichlorobenzene	0.0014	U	0.0014	0.0010	mg/Kg	☼	09/29/25 09:45	10/04/25 01:02	1
1,2,4-Trichlorobenzene	0.0014	U	0.0014	0.00051	mg/Kg	☼	09/29/25 09:45	10/04/25 01:02	1
1,2,4-Trimethylbenzene	0.0014	U	0.0014	0.00035	mg/Kg	☼	09/29/25 09:45	10/04/25 01:02	1
1,2-Dibromo-3-Chloropropane	0.0014	U	0.0014	0.00065	mg/Kg	☼	09/29/25 09:45	10/04/25 01:02	1
1,2-Dichlorobenzene	0.0014	U	0.0014	0.00051	mg/Kg	☼	09/29/25 09:45	10/04/25 01:02	1
1,2-Dichloroethane	0.0014	U	0.0014	0.00042	mg/Kg	☼	09/29/25 09:45	10/04/25 01:02	1
1,2-Dichloropropane	0.0014	U	0.0014	0.00060	mg/Kg	☼	09/29/25 09:45	10/04/25 01:02	1
1,3,5-Trimethylbenzene	0.0014	U	0.0014	0.00045	mg/Kg	☼	09/29/25 09:45	10/04/25 01:02	1
1,3-Dichlorobenzene	0.0014	U	0.0014	0.00052	mg/Kg	☼	09/29/25 09:45	10/04/25 01:02	1
1,4-Dichlorobenzene	0.0014	U	0.0014	0.00074	mg/Kg	☼	09/29/25 09:45	10/04/25 01:02	1
2-Butanone (MEK)	0.0071	U	0.0071	0.00052	mg/Kg	☼	09/29/25 09:45	10/04/25 01:02	1
2-Hexanone	0.0071	U	0.0071	0.0024	mg/Kg	☼	09/29/25 09:45	10/04/25 01:02	1
4-Methyl-2-pentanone (MIBK)	0.0071	U	0.0071	0.0022	mg/Kg	☼	09/29/25 09:45	10/04/25 01:02	1
Acetone	0.0085	U	0.0085	0.0081	mg/Kg	☼	09/29/25 09:45	10/04/25 01:02	1
Benzene	0.0014	U	0.0014	0.00080	mg/Kg	☼	09/29/25 09:45	10/04/25 01:02	1
Bromoform	0.0014	U	0.0014	0.00060	mg/Kg	☼	09/29/25 09:45	10/04/25 01:02	1
Bromomethane	0.0028	U	0.0028	0.0014	mg/Kg	☼	09/29/25 09:45	10/04/25 01:02	1

Client Sample ID: 58B1_0-1
Date Collected: 09/26/25 10:35
Date Received: 09/26/25 16:20

Lab Sample ID: 460-335806-28
Matrix: Solid
Percent Solids: 89.7

Method: SW846 8260D - Volatile Organic Compounds by GC/MS (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Carbon disulfide	0.0014	U	0.0014	0.00038	mg/Kg	☼	09/29/25 09:45	10/04/25 01:02	1
Carbon tetrachloride	0.0014	U	0.0014	0.00055	mg/Kg	☼	09/29/25 09:45	10/04/25 01:02	1
Chlorobenzene	0.0014	U	0.0014	0.00072	mg/Kg	☼	09/29/25 09:45	10/04/25 01:02	1
Chlorobromomethane	0.0014	U	0.0014	0.00085	mg/Kg	☼	09/29/25 09:45	10/04/25 01:02	1
Chlorodibromomethane	0.0014	U	0.0014	0.00076	mg/Kg	☼	09/29/25 09:45	10/04/25 01:02	1
Chloroethane	0.0014	U	0.0014	0.00074	mg/Kg	☼	09/29/25 09:45	10/04/25 01:02	1
Chloroform	0.0014	U	0.0014	0.0014	mg/Kg	☼	09/29/25 09:45	10/04/25 01:02	1
Chloromethane	0.0014	U	0.0014	0.00062	mg/Kg	☼	09/29/25 09:45	10/04/25 01:02	1
cis-1,2-Dichloroethene	0.0014	U	0.0014	0.00051	mg/Kg	☼	09/29/25 09:45	10/04/25 01:02	1
cis-1,3-Dichloropropene	0.0014	U	0.0014	0.00039	mg/Kg	☼	09/29/25 09:45	10/04/25 01:02	1
Cyclohexane	0.0014	U	0.0014	0.00031	mg/Kg	☼	09/29/25 09:45	10/04/25 01:02	1
Dichlorobromomethane	0.0014	U	0.0014	0.00036	mg/Kg	☼	09/29/25 09:45	10/04/25 01:02	1
Dichlorodifluoromethane	0.0014	U	0.0014	0.00048	mg/Kg	☼	09/29/25 09:45	10/04/25 01:02	1
Ethylbenzene	0.0014	U	0.0014	0.00066	mg/Kg	☼	09/29/25 09:45	10/04/25 01:02	1
Ethylene Dibromide	0.0014	U	0.0014	0.00072	mg/Kg	☼	09/29/25 09:45	10/04/25 01:02	1
Isopropylbenzene	0.0014	U	0.0014	0.00040	mg/Kg	☼	09/29/25 09:45	10/04/25 01:02	1
Methyl acetate	0.0071	U	0.0071	0.0061	mg/Kg	☼	09/29/25 09:45	10/04/25 01:02	1
Methyl tert-butyl ether	0.0014	U	0.0014	0.00073	mg/Kg	☼	09/29/25 09:45	10/04/25 01:02	1
Methylcyclohexane	0.0014	U	0.0014	0.00071	mg/Kg	☼	09/29/25 09:45	10/04/25 01:02	1
Methylene Chloride	**0.0036**		0.0028	0.0016	mg/Kg	☼	09/29/25 09:45	10/04/25 01:02	1
m-Xylene & p-Xylene	0.0014	U	0.0014	0.00060	mg/Kg	☼	09/29/25 09:45	10/04/25 01:02	1
n-Butylbenzene	0.0014	U	0.0014	0.00042	mg/Kg	☼	09/29/25 09:45	10/04/25 01:02	1
N-Propylbenzene	0.0014	U	0.0014	0.00064	mg/Kg	☼	09/29/25 09:45	10/04/25 01:02	1
o-Xylene	0.0014	U	0.0014	0.00065	mg/Kg	☼	09/29/25 09:45	10/04/25 01:02	1
sec-Butylbenzene	0.0014	U	0.0014	0.00041	mg/Kg	☼	09/29/25 09:45	10/04/25 01:02	1
Styrene	0.0014	U	0.0014	0.00039	mg/Kg	☼	09/29/25 09:45	10/04/25 01:02	1
tert-Butylbenzene	0.0014	U	0.0014	0.00039	mg/Kg	☼	09/29/25 09:45	10/04/25 01:02	1
Tetrachloroethene	0.0014	U	0.0014	0.00043	mg/Kg	☼	09/29/25 09:45	10/04/25 01:02	1
Toluene	0.0014	U	0.0014	0.00033	mg/Kg	☼	09/29/25 09:45	10/04/25 01:02	1
trans-1,2-Dichloroethene	0.0014	U	0.0014	0.00035	mg/Kg	☼	09/29/25 09:45	10/04/25 01:02	1
trans-1,3-Dichloropropene	0.0014	U	0.0014	0.00038	mg/Kg	☼	09/29/25 09:45	10/04/25 01:02	1
Trichloroethene	0.0014	U	0.0014	0.00046	mg/Kg	☼	09/29/25 09:45	10/04/25 01:02	1
Trichlorofluoromethane	0.0014	U	0.0014	0.00058	mg/Kg	☼	09/29/25 09:45	10/04/25 01:02	1
Vinyl chloride	0.0014	U	0.0014	0.00078	mg/Kg	☼	09/29/25 09:45	10/04/25 01:02	1
Xylenes, Total	0.0028	U	0.0028	0.00025	mg/Kg	☼	09/29/25 09:45	10/04/25 01:02	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,2-Dichloroethane-d4 (Surr)	*123*		*65 - 138*	*09/29/25 09:45*	*10/04/25 01:02*	*1*
4-Bromofluorobenzene	*98*		*71 - 128*	*09/29/25 09:45*	*10/04/25 01:02*	*1*
Dibromofluoromethane (Surr)	*113*		*50 - 150*	*09/29/25 09:45*	*10/04/25 01:02*	*1*
Toluene-d8 (Surr)	*103*		*71 - 126*	*09/29/25 09:45*	*10/04/25 01:02*	*1*

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Percent Moisture (EPA Moisture)	**10.3**		1.0	1.0	%			09/28/25 21:11	1
Percent Solids (EPA Moisture)	**89.7**		1.0	1.0	%			09/28/25 21:11	1

Client: Haley & Aldrich, Inc.
Project/Site: Former Port Mobil

Job ID: 460-335806-1

Client Sample ID: 58B2_2-3
Date Collected: 09/26/25 10:40
Date Received: 09/26/25 16:20

Lab Sample ID: 460-335806-29
Matrix: Solid
Percent Solids: 89.2

Method: SW846 8260D - Volatile Organic Compounds by GC/MS

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1-Trichloroethane	0.0013	U	0.0013	0.00029	mg/Kg	☼	09/29/25 09:46	10/04/25 01:26	1
1,1,2,2-Tetrachloroethane	0.0013	U	0.0013	0.00066	mg/Kg	☼	09/29/25 09:46	10/04/25 01:26	1
1,1,2-Trichloro-1,2,2-trifluoroethane	0.0013	U	0.0013	0.00038	mg/Kg	☼	09/29/25 09:46	10/04/25 01:26	1
1,1,2-Trichloroethane	0.0013	U	0.0013	0.00076	mg/Kg	☼	09/29/25 09:46	10/04/25 01:26	1
1,1-Dichloroethane	0.0013	U	0.0013	0.00075	mg/Kg	☼	09/29/25 09:46	10/04/25 01:26	1
1,1-Dichloroethene	0.0013	U	0.0013	0.00028	mg/Kg	☼	09/29/25 09:46	10/04/25 01:26	1
1,2,3-Trichlorobenzene	0.0013	U	0.0013	0.00093	mg/Kg	☼	09/29/25 09:46	10/04/25 01:26	1
1,2,4-Trichlorobenzene	0.0013	U	0.0013	0.00045	mg/Kg	☼	09/29/25 09:46	10/04/25 01:26	1
1,2,4-Trimethylbenzene	0.0013	U	0.0013	0.00031	mg/Kg	☼	09/29/25 09:46	10/04/25 01:26	1
1,2-Dibromo-3-Chloropropane	0.0013	U	0.0013	0.00058	mg/Kg	☼	09/29/25 09:46	10/04/25 01:26	1
1,2-Dichlorobenzene	0.0013	U	0.0013	0.00046	mg/Kg	☼	09/29/25 09:46	10/04/25 01:26	1
1,2-Dichloroethane	0.0013	U	0.0013	0.00037	mg/Kg	☼	09/29/25 09:46	10/04/25 01:26	1
1,2-Dichloropropane	0.0013	U	0.0013	0.00053	mg/Kg	☼	09/29/25 09:46	10/04/25 01:26	1
1,3,5-Trimethylbenzene	0.0013	U	0.0013	0.00040	mg/Kg	☼	09/29/25 09:46	10/04/25 01:26	1
1,3-Dichlorobenzene	0.0013	U	0.0013	0.00046	mg/Kg	☼	09/29/25 09:46	10/04/25 01:26	1
1,4-Dichlorobenzene	0.0013	U	0.0013	0.00066	mg/Kg	☼	09/29/25 09:46	10/04/25 01:26	1
2-Butanone (MEK)	0.0063	U	0.0063	0.00046	mg/Kg	☼	09/29/25 09:46	10/04/25 01:26	1
2-Hexanone	0.0063	U	0.0063	0.0022	mg/Kg	☼	09/29/25 09:46	10/04/25 01:26	1
4-Methyl-2-pentanone (MIBK)	0.0063	U	0.0063	0.0020	mg/Kg	☼	09/29/25 09:46	10/04/25 01:26	1
Acetone	0.0076	U	0.0076	0.0072	mg/Kg	☼	09/29/25 09:46	10/04/25 01:26	1
Benzene	0.0013	U	0.0013	0.00072	mg/Kg	☼	09/29/25 09:46	10/04/25 01:26	1
Bromoform	0.0013	U	0.0013	0.00054	mg/Kg	☼	09/29/25 09:46	10/04/25 01:26	1
Bromomethane	0.0025	U	0.0025	0.0013	mg/Kg	☼	09/29/25 09:46	10/04/25 01:26	1
Carbon disulfide	0.0013	U	0.0013	0.00034	mg/Kg	☼	09/29/25 09:46	10/04/25 01:26	1
Carbon tetrachloride	0.0013	U	0.0013	0.00049	mg/Kg	☼	09/29/25 09:46	10/04/25 01:26	1
Chlorobenzene	0.0013	U	0.0013	0.00064	mg/Kg	☼	09/29/25 09:46	10/04/25 01:26	1
Chlorobromomethane	0.0013	U	0.0013	0.00075	mg/Kg	☼	09/29/25 09:46	10/04/25 01:26	1
Chlorodibromomethane	0.0013	U	0.0013	0.00068	mg/Kg	☼	09/29/25 09:46	10/04/25 01:26	1
Chloroethane	0.0013	U	0.0013	0.00066	mg/Kg	☼	09/29/25 09:46	10/04/25 01:26	1
Chloroform	0.0013	U	0.0013	0.0012	mg/Kg	☼	09/29/25 09:46	10/04/25 01:26	1
Chloromethane	0.0013	U	0.0013	0.00055	mg/Kg	☼	09/29/25 09:46	10/04/25 01:26	1
cis-1,2-Dichloroethene	0.0013	U	0.0013	0.00045	mg/Kg	☼	09/29/25 09:46	10/04/25 01:26	1
cis-1,3-Dichloropropene	0.0013	U	0.0013	0.00034	mg/Kg	☼	09/29/25 09:46	10/04/25 01:26	1
Cyclohexane	0.0013	U	0.0013	0.00028	mg/Kg	☼	09/29/25 09:46	10/04/25 01:26	1
Dichlorobromomethane	0.0013	U	0.0013	0.00032	mg/Kg	☼	09/29/25 09:46	10/04/25 01:26	1
Dichlorodifluoromethane	0.0013	U	0.0013	0.00043	mg/Kg	☼	09/29/25 09:46	10/04/25 01:26	1
Ethylbenzene	0.0013	U	0.0013	0.00059	mg/Kg	☼	09/29/25 09:46	10/04/25 01:26	1
Ethylene Dibromide	0.0013	U	0.0013	0.00064	mg/Kg	☼	09/29/25 09:46	10/04/25 01:26	1
Isopropylbenzene	0.0013	U	0.0013	0.00036	mg/Kg	☼	09/29/25 09:46	10/04/25 01:26	1
Methyl acetate	0.0063	U	0.0063	0.0054	mg/Kg	☼	09/29/25 09:46	10/04/25 01:26	1
Methyl tert-butyl ether	0.0013	U	0.0013	0.00065	mg/Kg	☼	09/29/25 09:46	10/04/25 01:26	1
Methylcyclohexane	0.0013	U	0.0013	0.00063	mg/Kg	☼	09/29/25 09:46	10/04/25 01:26	1
Methylene Chloride	**0.0030**		0.0025	0.0014	mg/Kg	☼	09/29/25 09:46	10/04/25 01:26	1
m-Xylene & p-Xylene	0.0013	U	0.0013	0.00053	mg/Kg	☼	09/29/25 09:46	10/04/25 01:26	1
n-Butylbenzene	0.0013	U	0.0013	0.00037	mg/Kg	☼	09/29/25 09:46	10/04/25 01:26	1
N-Propylbenzene	0.0013	U	0.0013	0.00057	mg/Kg	☼	09/29/25 09:46	10/04/25 01:26	1
o-Xylene	0.0013	U	0.0013	0.00058	mg/Kg	☼	09/29/25 09:46	10/04/25 01:26	1
sec-Butylbenzene	0.0013	U	0.0013	0.00036	mg/Kg	☼	09/29/25 09:46	10/04/25 01:26	1
Styrene	0.0013	U	0.0013	0.00035	mg/Kg	☼	09/29/25 09:46	10/04/25 01:26	1

Client Sample ID: 58B2_2-3

Date Collected: 09/26/25 10:40
Date Received: 09/26/25 16:20

Lab Sample ID: 460-335806-29

Matrix: Solid
Percent Solids: 89.2

Method: SW846 8260D - Volatile Organic Compounds by GC/MS (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
tert-Butylbenzene	0.0013	U	0.0013	0.00035	mg/Kg	☼	09/29/25 09:46	10/04/25 01:26	1
Tetrachloroethene	0.0013	U	0.0013	0.00038	mg/Kg	☼	09/29/25 09:46	10/04/25 01:26	1
Toluene	0.0013	U	0.0013	0.00030	mg/Kg	☼	09/29/25 09:46	10/04/25 01:26	1
trans-1,2-Dichloroethene	0.0013	U	0.0013	0.00031	mg/Kg	☼	09/29/25 09:46	10/04/25 01:26	1
trans-1,3-Dichloropropene	0.0013	U	0.0013	0.00034	mg/Kg	☼	09/29/25 09:46	10/04/25 01:26	1
Trichloroethene	0.0013	U	0.0013	0.00041	mg/Kg	☼	09/29/25 09:46	10/04/25 01:26	1
Trichlorofluoromethane	0.0013	U	0.0013	0.00051	mg/Kg	☼	09/29/25 09:46	10/04/25 01:26	1
Vinyl chloride	0.0013	U	0.0013	0.00069	mg/Kg	☼	09/29/25 09:46	10/04/25 01:26	1
Xylenes, Total	0.0025	U	0.0025	0.00022	mg/Kg	☼	09/29/25 09:46	10/04/25 01:26	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,2-Dichloroethane-d4 (Surr)	*122*		*65 - 138*	*09/29/25 09:46*	*10/04/25 01:26*	*1*
4-Bromofluorobenzene	*96*		*71 - 128*	*09/29/25 09:46*	*10/04/25 01:26*	*1*
Dibromofluoromethane (Surr)	*111*		*50 - 150*	*09/29/25 09:46*	*10/04/25 01:26*	*1*
Toluene-d8 (Surr)	*104*		*71 - 126*	*09/29/25 09:46*	*10/04/25 01:26*	*1*

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Percent Moisture (EPA Moisture)	**10.8**		1.0	1.0	%			09/28/25 21:11	1
Percent Solids (EPA Moisture)	**89.2**		1.0	1.0	%			09/28/25 21:11	1

Client Sample ID: 58B2_3-4

Date Collected: 09/26/25 10:45
Date Received: 09/26/25 16:20

Lab Sample ID: 460-335806-30

Matrix: Solid
Percent Solids: 88.7

Method: SW846 8260D - Volatile Organic Compounds by GC/MS

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1-Trichloroethane	0.0018	U	0.0018	0.00043	mg/Kg	☼	09/29/25 09:46	10/04/25 01:49	1
1,1,2,2-Tetrachloroethane	0.0018	U	0.0018	0.00096	mg/Kg	☼	09/29/25 09:46	10/04/25 01:49	1
1,1,2-Trichloro-1,2,2-trifluoroethane	0.0018	U	0.0018	0.00055	mg/Kg	☼	09/29/25 09:46	10/04/25 01:49	1
1,1,2-Trichloroethane	0.0018	U	0.0018	0.0011	mg/Kg	☼	09/29/25 09:46	10/04/25 01:49	1
1,1-Dichloroethane	0.0018	U	0.0018	0.0011	mg/Kg	☼	09/29/25 09:46	10/04/25 01:49	1
1,1-Dichloroethene	0.0018	U	0.0018	0.00041	mg/Kg	☼	09/29/25 09:46	10/04/25 01:49	1
1,2,3-Trichlorobenzene	0.0018	U	0.0018	0.0014	mg/Kg	☼	09/29/25 09:46	10/04/25 01:49	1
1,2,4-Trichlorobenzene	0.0018	U	0.0018	0.00066	mg/Kg	☼	09/29/25 09:46	10/04/25 01:49	1
1,2,4-Trimethylbenzene	0.0018	U	0.0018	0.00045	mg/Kg	☼	09/29/25 09:46	10/04/25 01:49	1
1,2-Dibromo-3-Chloropropane	0.0018	U	0.0018	0.00084	mg/Kg	☼	09/29/25 09:46	10/04/25 01:49	1
1,2-Dichlorobenzene	0.0018	U	0.0018	0.00066	mg/Kg	☼	09/29/25 09:46	10/04/25 01:49	1
1,2-Dichloroethane	0.0018	U	0.0018	0.00054	mg/Kg	☼	09/29/25 09:46	10/04/25 01:49	1
1,2-Dichloropropane	0.0018	U	0.0018	0.00078	mg/Kg	☼	09/29/25 09:46	10/04/25 01:49	1
1,3,5-Trimethylbenzene	0.0018	U	0.0018	0.00058	mg/Kg	☼	09/29/25 09:46	10/04/25 01:49	1
1,3-Dichlorobenzene	0.0018	U	0.0018	0.00067	mg/Kg	☼	09/29/25 09:46	10/04/25 01:49	1
1,4-Dichlorobenzene	0.0018	U	0.0018	0.00095	mg/Kg	☼	09/29/25 09:46	10/04/25 01:49	1
2-Butanone (MEK)	0.0092	U	0.0092	0.00067	mg/Kg	☼	09/29/25 09:46	10/04/25 01:49	1
2-Hexanone	0.0092	U	0.0092	0.0031	mg/Kg	☼	09/29/25 09:46	10/04/25 01:49	1
4-Methyl-2-pentanone (MIBK)	0.0092	U	0.0092	0.0029	mg/Kg	☼	09/29/25 09:46	10/04/25 01:49	1
Acetone	0.011	U	0.011	0.010	mg/Kg	☼	09/29/25 09:46	10/04/25 01:49	1
Benzene	0.0018	U	0.0018	0.0010	mg/Kg	☼	09/29/25 09:46	10/04/25 01:49	1
Bromoform	0.0018	U	0.0018	0.00078	mg/Kg	☼	09/29/25 09:46	10/04/25 01:49	1
Bromomethane	0.0037	U	0.0037	0.0018	mg/Kg	☼	09/29/25 09:46	10/04/25 01:49	1

Client Sample ID: 58B2_3-4
Date Collected: 09/26/25 10:45
Date Received: 09/26/25 16:20

Lab Sample ID: 460-335806-30
Matrix: Solid
Percent Solids: 88.7

Method: SW846 8260D - Volatile Organic Compounds by GC/MS (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Carbon disulfide	0.0018	U	0.0018	0.00049	mg/Kg	☼	09/29/25 09:46	10/04/25 01:49	1
Carbon tetrachloride	0.0018	U	0.0018	0.00071	mg/Kg	☼	09/29/25 09:46	10/04/25 01:49	1
Chlorobenzene	0.0018	U	0.0018	0.00093	mg/Kg	☼	09/29/25 09:46	10/04/25 01:49	1
Chlorobromomethane	0.0018	U	0.0018	0.0011	mg/Kg	☼	09/29/25 09:46	10/04/25 01:49	1
Chlorodibromomethane	0.0018	U	0.0018	0.00098	mg/Kg	☼	09/29/25 09:46	10/04/25 01:49	1
Chloroethane	0.0018	U	0.0018	0.00096	mg/Kg	☼	09/29/25 09:46	10/04/25 01:49	1
Chloroform	0.0018	U	0.0018	0.0018	mg/Kg	☼	09/29/25 09:46	10/04/25 01:49	1
Chloromethane	0.0018	U	0.0018	0.00080	mg/Kg	☼	09/29/25 09:46	10/04/25 01:49	1
cis-1,2-Dichloroethene	0.0018	U	0.0018	0.00066	mg/Kg	☼	09/29/25 09:46	10/04/25 01:49	1
cis-1,3-Dichloropropene	0.0018	U	0.0018	0.00050	mg/Kg	☼	09/29/25 09:46	10/04/25 01:49	1
Cyclohexane	0.0018	U	0.0018	0.00041	mg/Kg	☼	09/29/25 09:46	10/04/25 01:49	1
Dichlorobromomethane	0.0018	U	0.0018	0.00047	mg/Kg	☼	09/29/25 09:46	10/04/25 01:49	1
Dichlorodifluoromethane	0.0018	U	0.0018	0.00062	mg/Kg	☼	09/29/25 09:46	10/04/25 01:49	1
Ethylbenzene	0.0018	U	0.0018	0.00086	mg/Kg	☼	09/29/25 09:46	10/04/25 01:49	1
Ethylene Dibromide	0.0018	U	0.0018	0.00092	mg/Kg	☼	09/29/25 09:46	10/04/25 01:49	1
Isopropylbenzene	0.0018	U	0.0018	0.00052	mg/Kg	☼	09/29/25 09:46	10/04/25 01:49	1
Methyl acetate	0.0092	U	0.0092	0.0079	mg/Kg	☼	09/29/25 09:46	10/04/25 01:49	1
Methyl tert-butyl ether	0.0018	U	0.0018	0.00094	mg/Kg	☼	09/29/25 09:46	10/04/25 01:49	1
Methylcyclohexane	0.0018	U	0.0018	0.00092	mg/Kg	☼	09/29/25 09:46	10/04/25 01:49	1
Methylene Chloride	**0.0026**	**J**	0.0037	0.0021	mg/Kg	☼	09/29/25 09:46	10/04/25 01:49	1
m-Xylene & p-Xylene	0.0018	U	0.0018	0.00078	mg/Kg	☼	09/29/25 09:46	10/04/25 01:49	1
n-Butylbenzene	0.0018	U	0.0018	0.00054	mg/Kg	☼	09/29/25 09:46	10/04/25 01:49	1
N-Propylbenzene	0.0018	U	0.0018	0.00082	mg/Kg	☼	09/29/25 09:46	10/04/25 01:49	1
o-Xylene	0.0018	U	0.0018	0.00085	mg/Kg	☼	09/29/25 09:46	10/04/25 01:49	1
sec-Butylbenzene	0.0018	U	0.0018	0.00053	mg/Kg	☼	09/29/25 09:46	10/04/25 01:49	1
Styrene	0.0018	U	0.0018	0.00051	mg/Kg	☼	09/29/25 09:46	10/04/25 01:49	1
tert-Butylbenzene	0.0018	U	0.0018	0.00051	mg/Kg	☼	09/29/25 09:46	10/04/25 01:49	1
Tetrachloroethene	0.0018	U	0.0018	0.00056	mg/Kg	☼	09/29/25 09:46	10/04/25 01:49	1
Toluene	0.0018	U	0.0018	0.00043	mg/Kg	☼	09/29/25 09:46	10/04/25 01:49	1
trans-1,2-Dichloroethene	0.0018	U	0.0018	0.00045	mg/Kg	☼	09/29/25 09:46	10/04/25 01:49	1
trans-1,3-Dichloropropene	0.0018	U	0.0018	0.00049	mg/Kg	☼	09/29/25 09:46	10/04/25 01:49	1
Trichloroethene	0.0018	U	0.0018	0.00059	mg/Kg	☼	09/29/25 09:46	10/04/25 01:49	1
Trichlorofluoromethane	0.0018	U	0.0018	0.00074	mg/Kg	☼	09/29/25 09:46	10/04/25 01:49	1
Vinyl chloride	0.0018	U	0.0018	0.0010	mg/Kg	☼	09/29/25 09:46	10/04/25 01:49	1
Xylenes, Total	0.0037	U	0.0037	0.00032	mg/Kg	☼	09/29/25 09:46	10/04/25 01:49	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,2-Dichloroethane-d4 (Surr)	*116*		*65 - 138*	*09/29/25 09:46*	*10/04/25 01:49*	*1*
4-Bromofluorobenzene	*94*		*71 - 128*	*09/29/25 09:46*	*10/04/25 01:49*	*1*
Dibromofluoromethane (Surr)	*111*		*50 - 150*	*09/29/25 09:46*	*10/04/25 01:49*	*1*
Toluene-d8 (Surr)	*103*		*71 - 126*	*09/29/25 09:46*	*10/04/25 01:49*	*1*

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Percent Moisture (EPA Moisture)	**11.3**		1.0	1.0	%			09/28/25 21:11	1
Percent Solids (EPA Moisture)	**88.7**		1.0	1.0	%			09/28/25 21:11	1

Client: Haley & Aldrich, Inc.
Project/Site: Former Port Mobil

Job ID: 460-335806-1

Client Sample ID: 58B1_4-5
Date Collected: 09/26/25 10:50
Date Received: 09/26/25 16:20

Lab Sample ID: 460-335806-31
Matrix: Solid
Percent Solids: 89.7

Method: SW846 8260D - Volatile Organic Compounds by GC/MS

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1-Trichloroethane	0.0018	U	0.0018	0.00041	mg/Kg	☼	09/29/25 09:46	10/04/25 02:13	1
1,1,2,2-Tetrachloroethane	0.0018	U	0.0018	0.00092	mg/Kg	☼	09/29/25 09:46	10/04/25 02:13	1
1,1,2-Trichloro-1,2,2-trifluoroethane	0.0018	U	0.0018	0.00053	mg/Kg	☼	09/29/25 09:46	10/04/25 02:13	1
1,1,2-Trichloroethane	0.0018	U	0.0018	0.0011	mg/Kg	☼	09/29/25 09:46	10/04/25 02:13	1
1,1-Dichloroethane	0.0018	U	0.0018	0.0011	mg/Kg	☼	09/29/25 09:46	10/04/25 02:13	1
1,1-Dichloroethene	0.0018	U	0.0018	0.00040	mg/Kg	☼	09/29/25 09:46	10/04/25 02:13	1
1,2,3-Trichlorobenzene	0.0018	U	0.0018	0.0013	mg/Kg	☼	09/29/25 09:46	10/04/25 02:13	1
1,2,4-Trichlorobenzene	0.0018	U	0.0018	0.00063	mg/Kg	☼	09/29/25 09:46	10/04/25 02:13	1
1,2,4-Trimethylbenzene	0.0018	U	0.0018	0.00043	mg/Kg	☼	09/29/25 09:46	10/04/25 02:13	1
1,2-Dibromo-3-Chloropropane	0.0018	U	0.0018	0.00081	mg/Kg	☼	09/29/25 09:46	10/04/25 02:13	1
1,2-Dichlorobenzene	0.0018	U	0.0018	0.00064	mg/Kg	☼	09/29/25 09:46	10/04/25 02:13	1
1,2-Dichloroethane	0.0018	U	0.0018	0.00052	mg/Kg	☼	09/29/25 09:46	10/04/25 02:13	1
1,2-Dichloropropane	0.0018	U	0.0018	0.00075	mg/Kg	☼	09/29/25 09:46	10/04/25 02:13	1
1,3,5-Trimethylbenzene	0.0018	U	0.0018	0.00055	mg/Kg	☼	09/29/25 09:46	10/04/25 02:13	1
1,3-Dichlorobenzene	0.0018	U	0.0018	0.00064	mg/Kg	☼	09/29/25 09:46	10/04/25 02:13	1
1,4-Dichlorobenzene	0.0018	U	0.0018	0.00092	mg/Kg	☼	09/29/25 09:46	10/04/25 02:13	1
2-Butanone (MEK)	0.0088	U	0.0088	0.00065	mg/Kg	☼	09/29/25 09:46	10/04/25 02:13	1
2-Hexanone	0.0088	U	0.0088	0.0030	mg/Kg	☼	09/29/25 09:46	10/04/25 02:13	1
4-Methyl-2-pentanone (MIBK)	0.0088	U	0.0088	0.0027	mg/Kg	☼	09/29/25 09:46	10/04/25 02:13	1
Acetone	0.011	U	0.011	0.010	mg/Kg	☼	09/29/25 09:46	10/04/25 02:13	1
Benzene	0.0018	U	0.0018	0.0010	mg/Kg	☼	09/29/25 09:46	10/04/25 02:13	1
Bromoform	0.0018	U	0.0018	0.00075	mg/Kg	☼	09/29/25 09:46	10/04/25 02:13	1
Bromomethane	0.0035	U	0.0035	0.0018	mg/Kg	☼	09/29/25 09:46	10/04/25 02:13	1
Carbon disulfide	0.0018	U	0.0018	0.00047	mg/Kg	☼	09/29/25 09:46	10/04/25 02:13	1
Carbon tetrachloride	0.0018	U	0.0018	0.00068	mg/Kg	☼	09/29/25 09:46	10/04/25 02:13	1
Chlorobenzene	0.0018	U	0.0018	0.00090	mg/Kg	☼	09/29/25 09:46	10/04/25 02:13	1
Chlorobromomethane	0.0018	U	0.0018	0.0011	mg/Kg	☼	09/29/25 09:46	10/04/25 02:13	1
Chlorodibromomethane	0.0018	U	0.0018	0.00095	mg/Kg	☼	09/29/25 09:46	10/04/25 02:13	1
Chloroethane	0.0018	U	0.0018	0.00092	mg/Kg	☼	09/29/25 09:46	10/04/25 02:13	1
Chloroform	0.0018	U	0.0018	0.0017	mg/Kg	☼	09/29/25 09:46	10/04/25 02:13	1
Chloromethane	0.0018	U	0.0018	0.00077	mg/Kg	☼	09/29/25 09:46	10/04/25 02:13	1
cis-1,2-Dichloroethene	0.0018	U	0.0018	0.00063	mg/Kg	☼	09/29/25 09:46	10/04/25 02:13	1
cis-1,3-Dichloropropene	0.0018	U	0.0018	0.00048	mg/Kg	☼	09/29/25 09:46	10/04/25 02:13	1
Cyclohexane	0.0018	U	0.0018	0.00039	mg/Kg	☼	09/29/25 09:46	10/04/25 02:13	1
Dichlorobromomethane	0.0018	U	0.0018	0.00045	mg/Kg	☼	09/29/25 09:46	10/04/25 02:13	1
Dichlorodifluoromethane	0.0018	U	0.0018	0.00060	mg/Kg	☼	09/29/25 09:46	10/04/25 02:13	1
Ethylbenzene	0.0018	U	0.0018	0.00083	mg/Kg	☼	09/29/25 09:46	10/04/25 02:13	1
Ethylene Dibromide	0.0018	U	0.0018	0.00089	mg/Kg	☼	09/29/25 09:46	10/04/25 02:13	1
Isopropylbenzene	0.0018	U	0.0018	0.00050	mg/Kg	☼	09/29/25 09:46	10/04/25 02:13	1
Methyl acetate	0.0088	U	0.0088	0.0076	mg/Kg	☼	09/29/25 09:46	10/04/25 02:13	1
Methyl tert-butyl ether	0.0018	U	0.0018	0.00090	mg/Kg	☼	09/29/25 09:46	10/04/25 02:13	1
Methylcyclohexane	0.0018	U	0.0018	0.00088	mg/Kg	☼	09/29/25 09:46	10/04/25 02:13	1
Methylene Chloride	**0.0035**		0.0035	0.0020	mg/Kg	☼	09/29/25 09:46	10/04/25 02:13	1
m-Xylene & p-Xylene	0.0018	U	0.0018	0.00075	mg/Kg	☼	09/29/25 09:46	10/04/25 02:13	1
n-Butylbenzene	0.0018	U	0.0018	0.00052	mg/Kg	☼	09/29/25 09:46	10/04/25 02:13	1
N-Propylbenzene	0.0018	U	0.0018	0.00079	mg/Kg	☼	09/29/25 09:46	10/04/25 02:13	1
o-Xylene	0.0018	U	0.0018	0.00081	mg/Kg	☼	09/29/25 09:46	10/04/25 02:13	1
sec-Butylbenzene	0.0018	U	0.0018	0.00051	mg/Kg	☼	09/29/25 09:46	10/04/25 02:13	1
Styrene	0.0018	U	0.0018	0.00049	mg/Kg	☼	09/29/25 09:46	10/04/25 02:13	1

Client Sample ID: 58B1_4-5

Date Collected: 09/26/25 10:50
Date Received: 09/26/25 16:20

Lab Sample ID: 460-335806-31

Matrix: Solid
Percent Solids: 89.7

Method: SW846 8260D - Volatile Organic Compounds by GC/MS (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
tert-Butylbenzene	0.0018	U	0.0018	0.00049	mg/Kg	☼	09/29/25 09:46	10/04/25 02:13	1
Tetrachloroethene	0.0018	U	0.0018	0.00054	mg/Kg	☼	09/29/25 09:46	10/04/25 02:13	1
Toluene	0.0018	U	0.0018	0.00041	mg/Kg	☼	09/29/25 09:46	10/04/25 02:13	1
trans-1,2-Dichloroethene	0.0018	U	0.0018	0.00043	mg/Kg	☼	09/29/25 09:46	10/04/25 02:13	1
trans-1,3-Dichloropropene	0.0018	U	0.0018	0.00047	mg/Kg	☼	09/29/25 09:46	10/04/25 02:13	1
Trichloroethene	0.0018	U	0.0018	0.00057	mg/Kg	☼	09/29/25 09:46	10/04/25 02:13	1
Trichlorofluoromethane	0.0018	U	0.0018	0.00072	mg/Kg	☼	09/29/25 09:46	10/04/25 02:13	1
Vinyl chloride	0.0018	U	0.0018	0.00096	mg/Kg	☼	09/29/25 09:46	10/04/25 02:13	1
Xylenes, Total	0.0035	U	0.0035	0.00031	mg/Kg	☼	09/29/25 09:46	10/04/25 02:13	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,2-Dichloroethane-d4 (Surr)	*116*		*65 - 138*	*09/29/25 09:46*	*10/04/25 02:13*	*1*
4-Bromofluorobenzene	*95*		*71 - 128*	*09/29/25 09:46*	*10/04/25 02:13*	*1*
Dibromofluoromethane (Surr)	*111*		*50 - 150*	*09/29/25 09:46*	*10/04/25 02:13*	*1*
Toluene-d8 (Surr)	*105*		*71 - 126*	*09/29/25 09:46*	*10/04/25 02:13*	*1*

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Percent Moisture (EPA Moisture)	**10.3**		1.0	1.0	%			09/28/25 21:11	1
Percent Solids (EPA Moisture)	**89.7**		1.0	1.0	%			09/28/25 21:11	1

Client Sample ID: 58B2_5-6

Date Collected: 09/26/25 10:55
Date Received: 09/26/25 16:20

Lab Sample ID: 460-335806-32

Matrix: Solid
Percent Solids: 91.5

Method: SW846 8260D - Volatile Organic Compounds by GC/MS

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1-Trichloroethane	0.0015	U	0.0015	0.00035	mg/Kg	☼	09/29/25 09:47	10/04/25 02:37	1
1,1,2,2-Tetrachloroethane	0.0015	U	0.0015	0.00080	mg/Kg	☼	09/29/25 09:47	10/04/25 02:37	1
1,1,2-Trichloro-1,2,2-trifluoroethane	0.0015	U	0.0015	0.00046	mg/Kg	☼	09/29/25 09:47	10/04/25 02:37	1
1,1,2-Trichloroethane	0.0015	U	0.0015	0.00092	mg/Kg	☼	09/29/25 09:47	10/04/25 02:37	1
1,1-Dichloroethane	0.0015	U	0.0015	0.00091	mg/Kg	☼	09/29/25 09:47	10/04/25 02:37	1
1,1-Dichloroethene	0.0015	U	0.0015	0.00034	mg/Kg	☼	09/29/25 09:47	10/04/25 02:37	1
1,2,3-Trichlorobenzene	0.0015	U	0.0015	0.0011	mg/Kg	☼	09/29/25 09:47	10/04/25 02:37	1
1,2,4-Trichlorobenzene	0.0015	U	0.0015	0.00055	mg/Kg	☼	09/29/25 09:47	10/04/25 02:37	1
1,2,4-Trimethylbenzene	0.0015	U	0.0015	0.00037	mg/Kg	☼	09/29/25 09:47	10/04/25 02:37	1
1,2-Dibromo-3-Chloropropane	0.0015	U	0.0015	0.00070	mg/Kg	☼	09/29/25 09:47	10/04/25 02:37	1
1,2-Dichlorobenzene	0.0015	U	0.0015	0.00055	mg/Kg	☼	09/29/25 09:47	10/04/25 02:37	1
1,2-Dichloroethane	0.0015	U	0.0015	0.00045	mg/Kg	☼	09/29/25 09:47	10/04/25 02:37	1
1,2-Dichloropropane	0.0015	U	0.0015	0.00064	mg/Kg	☼	09/29/25 09:47	10/04/25 02:37	1
1,3,5-Trimethylbenzene	0.0015	U	0.0015	0.00048	mg/Kg	☼	09/29/25 09:47	10/04/25 02:37	1
1,3-Dichlorobenzene	0.0015	U	0.0015	0.00056	mg/Kg	☼	09/29/25 09:47	10/04/25 02:37	1
1,4-Dichlorobenzene	0.0015	U	0.0015	0.00079	mg/Kg	☼	09/29/25 09:47	10/04/25 02:37	1
2-Butanone (MEK)	0.0076	U	0.0076	0.00056	mg/Kg	☼	09/29/25 09:47	10/04/25 02:37	1
2-Hexanone	0.0076	U	0.0076	0.0026	mg/Kg	☼	09/29/25 09:47	10/04/25 02:37	1
4-Methyl-2-pentanone (MIBK)	0.0076	U	0.0076	0.0024	mg/Kg	☼	09/29/25 09:47	10/04/25 02:37	1
Acetone	0.0091	U	0.0091	0.0087	mg/Kg	☼	09/29/25 09:47	10/04/25 02:37	1
Benzene	0.0015	U	0.0015	0.00086	mg/Kg	☼	09/29/25 09:47	10/04/25 02:37	1
Bromoform	0.0015	U	0.0015	0.00065	mg/Kg	☼	09/29/25 09:47	10/04/25 02:37	1
Bromomethane	0.0030	U	0.0030	0.0015	mg/Kg	☼	09/29/25 09:47	10/04/25 02:37	1

Client Sample ID: 58B2_5-6
Date Collected: 09/26/25 10:55
Date Received: 09/26/25 16:20

Lab Sample ID: 460-335806-32
Matrix: Solid
Percent Solids: 91.5

Method: SW846 8260D - Volatile Organic Compounds by GC/MS (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Carbon disulfide	0.0015	U	0.0015	0.00041	mg/Kg	☼	09/29/25 09:47	10/04/25 02:37	1
Carbon tetrachloride	0.0015	U	0.0015	0.00059	mg/Kg	☼	09/29/25 09:47	10/04/25 02:37	1
Chlorobenzene	0.0015	U	0.0015	0.00077	mg/Kg	☼	09/29/25 09:47	10/04/25 02:37	1
Chlorobromomethane	0.0015	U	0.0015	0.00091	mg/Kg	☼	09/29/25 09:47	10/04/25 02:37	1
Chlorodibromomethane	0.0015	U	0.0015	0.00082	mg/Kg	☼	09/29/25 09:47	10/04/25 02:37	1
Chloroethane	0.0015	U	0.0015	0.00080	mg/Kg	☼	09/29/25 09:47	10/04/25 02:37	1
Chloroform	0.0015	U	0.0015	0.0015	mg/Kg	☼	09/29/25 09:47	10/04/25 02:37	1
Chloromethane	0.0015	U	0.0015	0.00066	mg/Kg	☼	09/29/25 09:47	10/04/25 02:37	1
cis-1,2-Dichloroethene	0.0015	U	0.0015	0.00055	mg/Kg	☼	09/29/25 09:47	10/04/25 02:37	1
cis-1,3-Dichloropropene	0.0015	U	0.0015	0.00042	mg/Kg	☼	09/29/25 09:47	10/04/25 02:37	1
Cyclohexane	0.0015	U	0.0015	0.00034	mg/Kg	☼	09/29/25 09:47	10/04/25 02:37	1
Dichlorobromomethane	0.0015	U	0.0015	0.00039	mg/Kg	☼	09/29/25 09:47	10/04/25 02:37	1
Dichlorodifluoromethane	0.0015	U	0.0015	0.00051	mg/Kg	☼	09/29/25 09:47	10/04/25 02:37	1
Ethylbenzene	0.0015	U	0.0015	0.00071	mg/Kg	☼	09/29/25 09:47	10/04/25 02:37	1
Ethylene Dibromide	0.0015	U	0.0015	0.00077	mg/Kg	☼	09/29/25 09:47	10/04/25 02:37	1
Isopropylbenzene	0.0015	U	0.0015	0.00043	mg/Kg	☼	09/29/25 09:47	10/04/25 02:37	1
Methyl acetate	0.0076	U	0.0076	0.0066	mg/Kg	☼	09/29/25 09:47	10/04/25 02:37	1
Methyl tert-butyl ether	0.0015	U	0.0015	0.00078	mg/Kg	☼	09/29/25 09:47	10/04/25 02:37	1
Methylcyclohexane	0.0015	U	0.0015	0.00076	mg/Kg	☼	09/29/25 09:47	10/04/25 02:37	1
Methylene Chloride	**0.0050**		0.0030	0.0017	mg/Kg	☼	09/29/25 09:47	10/04/25 02:37	1
m-Xylene & p-Xylene	0.0015	U	0.0015	0.00064	mg/Kg	☼	09/29/25 09:47	10/04/25 02:37	1
n-Butylbenzene	0.0015	U	0.0015	0.00045	mg/Kg	☼	09/29/25 09:47	10/04/25 02:37	1
N-Propylbenzene	0.0015	U	0.0015	0.00068	mg/Kg	☼	09/29/25 09:47	10/04/25 02:37	1
o-Xylene	0.0015	U	0.0015	0.00070	mg/Kg	☼	09/29/25 09:47	10/04/25 02:37	1
sec-Butylbenzene	0.0015	U	0.0015	0.00044	mg/Kg	☼	09/29/25 09:47	10/04/25 02:37	1
Styrene	0.0015	U	0.0015	0.00042	mg/Kg	☼	09/29/25 09:47	10/04/25 02:37	1
tert-Butylbenzene	0.0015	U	0.0015	0.00042	mg/Kg	☼	09/29/25 09:47	10/04/25 02:37	1
Tetrachloroethene	0.0015	U	0.0015	0.00046	mg/Kg	☼	09/29/25 09:47	10/04/25 02:37	1
Toluene	0.0015	U	0.0015	0.00036	mg/Kg	☼	09/29/25 09:47	10/04/25 02:37	1
trans-1,2-Dichloroethene	0.0015	U	0.0015	0.00037	mg/Kg	☼	09/29/25 09:47	10/04/25 02:37	1
trans-1,3-Dichloropropene	0.0015	U	0.0015	0.00041	mg/Kg	☼	09/29/25 09:47	10/04/25 02:37	1
Trichloroethene	0.0015	U	0.0015	0.00049	mg/Kg	☼	09/29/25 09:47	10/04/25 02:37	1
Trichlorofluoromethane	0.0015	U	0.0015	0.00062	mg/Kg	☼	09/29/25 09:47	10/04/25 02:37	1
Vinyl chloride	0.0015	U	0.0015	0.00083	mg/Kg	☼	09/29/25 09:47	10/04/25 02:37	1
Xylenes, Total	0.0030	U	0.0030	0.00027	mg/Kg	☼	09/29/25 09:47	10/04/25 02:37	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,2-Dichloroethane-d4 (Surr)	*118*		*65 - 138*	*09/29/25 09:47*	*10/04/25 02:37*	*1*
4-Bromofluorobenzene	*94*		*71 - 128*	*09/29/25 09:47*	*10/04/25 02:37*	*1*
Dibromofluoromethane (Surr)	*110*		*50 - 150*	*09/29/25 09:47*	*10/04/25 02:37*	*1*
Toluene-d8 (Surr)	*102*		*71 - 126*	*09/29/25 09:47*	*10/04/25 02:37*	*1*

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Percent Moisture (EPA Moisture)	**8.5**		1.0	1.0	%			09/28/25 21:11	1
Percent Solids (EPA Moisture)	**91.5**		1.0	1.0	%			09/28/25 21:11	1

Client: Haley & Aldrich, Inc.
Project/Site: Former Port Mobil

Job ID: 460-335806-1

Client Sample ID: 58B3_7-8
Date Collected: 09/26/25 11:00
Date Received: 09/26/25 16:20

Lab Sample ID: 460-335806-33
Matrix: Solid
Percent Solids: 92.8

Method: SW846 8260D - Volatile Organic Compounds by GC/MS

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1-Trichloroethane	0.0013	U	0.0013	0.00030	mg/Kg	☼	09/29/25 09:47	10/04/25 03:01	1
1,1,2,2-Tetrachloroethane	0.0013	U	0.0013	0.00066	mg/Kg	☼	09/29/25 09:47	10/04/25 03:01	1
1,1,2-Trichloro-1,2,2-trifluoroethane	0.0013	U	0.0013	0.00038	mg/Kg	☼	09/29/25 09:47	10/04/25 03:01	1
1,1,2-Trichloroethane	0.0013	U	0.0013	0.00076	mg/Kg	☼	09/29/25 09:47	10/04/25 03:01	1
1,1-Dichloroethane	0.0013	U	0.0013	0.00076	mg/Kg	☼	09/29/25 09:47	10/04/25 03:01	1
1,1-Dichloroethene	0.0013	U	0.0013	0.00029	mg/Kg	☼	09/29/25 09:47	10/04/25 03:01	1
1,2,3-Trichlorobenzene	0.0013	U	0.0013	0.00094	mg/Kg	☼	09/29/25 09:47	10/04/25 03:01	1
1,2,4-Trichlorobenzene	0.0013	U	0.0013	0.00045	mg/Kg	☼	09/29/25 09:47	10/04/25 03:01	1
1,2,4-Trimethylbenzene	0.0013	U	0.0013	0.00031	mg/Kg	☼	09/29/25 09:47	10/04/25 03:01	1
1,2-Dibromo-3-Chloropropane	0.0013	U	0.0013	0.00058	mg/Kg	☼	09/29/25 09:47	10/04/25 03:01	1
1,2-Dichlorobenzene	0.0013	U	0.0013	0.00046	mg/Kg	☼	09/29/25 09:47	10/04/25 03:01	1
1,2-Dichloroethane	0.0013	U	0.0013	0.00038	mg/Kg	☼	09/29/25 09:47	10/04/25 03:01	1
1,2-Dichloropropane	0.0013	U	0.0013	0.00054	mg/Kg	☼	09/29/25 09:47	10/04/25 03:01	1
1,3,5-Trimethylbenzene	0.0013	U	0.0013	0.00040	mg/Kg	☼	09/29/25 09:47	10/04/25 03:01	1
1,3-Dichlorobenzene	0.0013	U	0.0013	0.00046	mg/Kg	☼	09/29/25 09:47	10/04/25 03:01	1
1,4-Dichlorobenzene	0.0013	U	0.0013	0.00066	mg/Kg	☼	09/29/25 09:47	10/04/25 03:01	1
2-Butanone (MEK)	0.0064	U	0.0064	0.00047	mg/Kg	☼	09/29/25 09:47	10/04/25 03:01	1
2-Hexanone	0.0064	U	0.0064	0.0022	mg/Kg	☼	09/29/25 09:47	10/04/25 03:01	1
4-Methyl-2-pentanone (MIBK)	0.0064	U	0.0064	0.0020	mg/Kg	☼	09/29/25 09:47	10/04/25 03:01	1
Acetone	0.0076	U	0.0076	0.0073	mg/Kg	☼	09/29/25 09:47	10/04/25 03:01	1
Benzene	0.0013	U	0.0013	0.00072	mg/Kg	☼	09/29/25 09:47	10/04/25 03:01	1
Bromoform	0.0013	U	0.0013	0.00054	mg/Kg	☼	09/29/25 09:47	10/04/25 03:01	1
Bromomethane	0.0025	U	0.0025	0.0013	mg/Kg	☼	09/29/25 09:47	10/04/25 03:01	1
Carbon disulfide	0.0013	U	0.0013	0.00034	mg/Kg	☼	09/29/25 09:47	10/04/25 03:01	1
Carbon tetrachloride	0.0013	U	0.0013	0.00049	mg/Kg	☼	09/29/25 09:47	10/04/25 03:01	1
Chlorobenzene	0.0013	U	0.0013	0.00064	mg/Kg	☼	09/29/25 09:47	10/04/25 03:01	1
Chlorobromomethane	0.0013	U	0.0013	0.00076	mg/Kg	☼	09/29/25 09:47	10/04/25 03:01	1
Chlorodibromomethane	0.0013	U	0.0013	0.00068	mg/Kg	☼	09/29/25 09:47	10/04/25 03:01	1
Chloroethane	0.0013	U	0.0013	0.00066	mg/Kg	☼	09/29/25 09:47	10/04/25 03:01	1
Chloroform	0.0013	U	0.0013	0.0012	mg/Kg	☼	09/29/25 09:47	10/04/25 03:01	1
Chloromethane	0.0013	U	0.0013	0.00055	mg/Kg	☼	09/29/25 09:47	10/04/25 03:01	1
cis-1,2-Dichloroethene	0.0013	U	0.0013	0.00045	mg/Kg	☼	09/29/25 09:47	10/04/25 03:01	1
cis-1,3-Dichloropropene	0.0013	U	0.0013	0.00035	mg/Kg	☼	09/29/25 09:47	10/04/25 03:01	1
Cyclohexane	0.0013	U	0.0013	0.00028	mg/Kg	☼	09/29/25 09:47	10/04/25 03:01	1
Dichlorobromomethane	0.0013	U	0.0013	0.00033	mg/Kg	☼	09/29/25 09:47	10/04/25 03:01	1
Dichlorodifluoromethane	0.0013	U	0.0013	0.00043	mg/Kg	☼	09/29/25 09:47	10/04/25 03:01	1
Ethylbenzene	0.0013	U	0.0013	0.00059	mg/Kg	☼	09/29/25 09:47	10/04/25 03:01	1
Ethylene Dibromide	0.0013	U	0.0013	0.00064	mg/Kg	☼	09/29/25 09:47	10/04/25 03:01	1
Isopropylbenzene	0.0013	U	0.0013	0.00036	mg/Kg	☼	09/29/25 09:47	10/04/25 03:01	1
Methyl acetate	0.0064	U	0.0064	0.0055	mg/Kg	☼	09/29/25 09:47	10/04/25 03:01	1
Methyl tert-butyl ether	0.0013	U	0.0013	0.00065	mg/Kg	☼	09/29/25 09:47	10/04/25 03:01	1
Methylcyclohexane	0.0013	U	0.0013	0.00063	mg/Kg	☼	09/29/25 09:47	10/04/25 03:01	1
Methylene Chloride	**0.0031**		0.0025	0.0015	mg/Kg	☼	09/29/25 09:47	10/04/25 03:01	1
m-Xylene & p-Xylene	0.0013	U	0.0013	0.00054	mg/Kg	☼	09/29/25 09:47	10/04/25 03:01	1
n-Butylbenzene	0.0013	U	0.0013	0.00037	mg/Kg	☼	09/29/25 09:47	10/04/25 03:01	1
N-Propylbenzene	0.0013	U	0.0013	0.00057	mg/Kg	☼	09/29/25 09:47	10/04/25 03:01	1
o-Xylene	0.0013	U	0.0013	0.00059	mg/Kg	☼	09/29/25 09:47	10/04/25 03:01	1
sec-Butylbenzene	0.0013	U	0.0013	0.00037	mg/Kg	☼	09/29/25 09:47	10/04/25 03:01	1
Styrene	0.0013	U	0.0013	0.00035	mg/Kg	☼	09/29/25 09:47	10/04/25 03:01	1

Client Sample ID: 58B3_7-8

Lab Sample ID: 460-335806-33

Date Collected: 09/26/25 11:00
Matrix: Solid
Date Received: 09/26/25 16:20
Percent Solids: 92.8

Method: SW846 8260D - Volatile Organic Compounds by GC/MS (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
tert-Butylbenzene	0.0013	U	0.0013	0.00035	mg/Kg	☼	09/29/25 09:47	10/04/25 03:01	1
Tetrachloroethene	0.0013	U	0.0013	0.00039	mg/Kg	☼	09/29/25 09:47	10/04/25 03:01	1
Toluene	0.0013	U	0.0013	0.00030	mg/Kg	☼	09/29/25 09:47	10/04/25 03:01	1
trans-1,2-Dichloroethene	0.0013	U	0.0013	0.00031	mg/Kg	☼	09/29/25 09:47	10/04/25 03:01	1
trans-1,3-Dichloropropene	0.0013	U	0.0013	0.00034	mg/Kg	☼	09/29/25 09:47	10/04/25 03:01	1
Trichloroethene	0.0013	U	0.0013	0.00041	mg/Kg	☼	09/29/25 09:47	10/04/25 03:01	1
Trichlorofluoromethane	0.0013	U	0.0013	0.00052	mg/Kg	☼	09/29/25 09:47	10/04/25 03:01	1
Vinyl chloride	0.0013	U	0.0013	0.00069	mg/Kg	☼	09/29/25 09:47	10/04/25 03:01	1
Xylenes, Total	0.0025	U	0.0025	0.00022	mg/Kg	☼	09/29/25 09:47	10/04/25 03:01	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,2-Dichloroethane-d4 (Surr)	*119*		*65 - 138*	*09/29/25 09:47*	*10/04/25 03:01*	*1*
4-Bromofluorobenzene	*94*		*71 - 128*	*09/29/25 09:47*	*10/04/25 03:01*	*1*
Dibromofluoromethane (Surr)	*109*		*50 - 150*	*09/29/25 09:47*	*10/04/25 03:01*	*1*
Toluene-d8 (Surr)	*100*		*71 - 126*	*09/29/25 09:47*	*10/04/25 03:01*	*1*

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Percent Moisture (EPA Moisture)	**7.2**		1.0	1.0	%			09/28/25 21:11	1
Percent Solids (EPA Moisture)	**92.8**		1.0	1.0	%			09/28/25 21:11	1

Client Sample ID: 58B2_9-10

Lab Sample ID: 460-335806-34

Date Collected: 09/26/25 11:05
Matrix: Solid
Date Received: 09/26/25 16:20
Percent Solids: 93.7

Method: SW846 8260D - Volatile Organic Compounds by GC/MS

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1-Trichloroethane	0.0012	U	0.0012	0.00027	mg/Kg	☼	09/29/25 09:47	10/04/25 03:25	1
1,1,2,2-Tetrachloroethane	0.0012	U	0.0012	0.00060	mg/Kg	☼	09/29/25 09:47	10/04/25 03:25	1
1,1,2-Trichloro-1,2,2-trifluoroethane	0.0012	U	0.0012	0.00035	mg/Kg	☼	09/29/25 09:47	10/04/25 03:25	1
1,1,2-Trichloroethane	0.0012	U	0.0012	0.00069	mg/Kg	☼	09/29/25 09:47	10/04/25 03:25	1
1,1-Dichloroethane	0.0012	U	0.0012	0.00069	mg/Kg	☼	09/29/25 09:47	10/04/25 03:25	1
1,1-Dichloroethene	0.0012	U	0.0012	0.00026	mg/Kg	☼	09/29/25 09:47	10/04/25 03:25	1
1,2,3-Trichlorobenzene	0.0012	U	0.0012	0.00085	mg/Kg	☼	09/29/25 09:47	10/04/25 03:25	1
1,2,4-Trichlorobenzene	0.0012	U	0.0012	0.00041	mg/Kg	☼	09/29/25 09:47	10/04/25 03:25	1
1,2,4-Trimethylbenzene	0.0012	U	0.0012	0.00028	mg/Kg	☼	09/29/25 09:47	10/04/25 03:25	1
1,2-Dibromo-3-Chloropropane	0.0012	U	0.0012	0.00053	mg/Kg	☼	09/29/25 09:47	10/04/25 03:25	1
1,2-Dichlorobenzene	0.0012	U	0.0012	0.00042	mg/Kg	☼	09/29/25 09:47	10/04/25 03:25	1
1,2-Dichloroethane	0.0012	U	0.0012	0.00034	mg/Kg	☼	09/29/25 09:47	10/04/25 03:25	1
1,2-Dichloropropane	0.0012	U	0.0012	0.00049	mg/Kg	☼	09/29/25 09:47	10/04/25 03:25	1
1,3,5-Trimethylbenzene	0.0012	U	0.0012	0.00036	mg/Kg	☼	09/29/25 09:47	10/04/25 03:25	1
1,3-Dichlorobenzene	0.0012	U	0.0012	0.00042	mg/Kg	☼	09/29/25 09:47	10/04/25 03:25	1
1,4-Dichlorobenzene	0.0012	U	0.0012	0.00060	mg/Kg	☼	09/29/25 09:47	10/04/25 03:25	1
2-Butanone (MEK)	0.0058	U	0.0058	0.00042	mg/Kg	☼	09/29/25 09:47	10/04/25 03:25	1
2-Hexanone	0.0058	U	0.0058	0.0020	mg/Kg	☼	09/29/25 09:47	10/04/25 03:25	1
4-Methyl-2-pentanone (MIBK)	0.0058	U	0.0058	0.0018	mg/Kg	☼	09/29/25 09:47	10/04/25 03:25	1
Acetone	0.0069	U	0.0069	0.0066	mg/Kg	☼	09/29/25 09:47	10/04/25 03:25	1
Benzene	0.0012	U	0.0012	0.00065	mg/Kg	☼	09/29/25 09:47	10/04/25 03:25	1
Bromoform	0.0012	U	0.0012	0.00049	mg/Kg	☼	09/29/25 09:47	10/04/25 03:25	1
Bromomethane	0.0023	U	0.0023	0.0012	mg/Kg	☼	09/29/25 09:47	10/04/25 03:25	1

Client Sample ID: 58B2_9-10
Date Collected: 09/26/25 11:05
Date Received: 09/26/25 16:20

Lab Sample ID: 460-335806-34
Matrix: Solid
Percent Solids: 93.7

Method: SW846 8260D - Volatile Organic Compounds by GC/MS (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Carbon disulfide	0.0012	U	0.0012	0.00031	mg/Kg	☼	09/29/25 09:47	10/04/25 03:25	1
Carbon tetrachloride	0.0012	U	0.0012	0.00045	mg/Kg	☼	09/29/25 09:47	10/04/25 03:25	1
Chlorobenzene	0.0012	U	0.0012	0.00059	mg/Kg	☼	09/29/25 09:47	10/04/25 03:25	1
Chlorobromomethane	0.0012	U	0.0012	0.00069	mg/Kg	☼	09/29/25 09:47	10/04/25 03:25	1
Chlorodibromomethane	0.0012	U	0.0012	0.00062	mg/Kg	☼	09/29/25 09:47	10/04/25 03:25	1
Chloroethane	0.0012	U	0.0012	0.00060	mg/Kg	☼	09/29/25 09:47	10/04/25 03:25	1
Chloroform	0.0012	U	0.0012	0.0011	mg/Kg	☼	09/29/25 09:47	10/04/25 03:25	1
Chloromethane	0.0012	U	0.0012	0.00050	mg/Kg	☼	09/29/25 09:47	10/04/25 03:25	1
cis-1,2-Dichloroethene	0.0012	U	0.0012	0.00041	mg/Kg	☼	09/29/25 09:47	10/04/25 03:25	1
cis-1,3-Dichloropropene	0.0012	U	0.0012	0.00032	mg/Kg	☼	09/29/25 09:47	10/04/25 03:25	1
Cyclohexane	0.0012	U	0.0012	0.00026	mg/Kg	☼	09/29/25 09:47	10/04/25 03:25	1
Dichlorobromomethane	0.0012	U	0.0012	0.00030	mg/Kg	☼	09/29/25 09:47	10/04/25 03:25	1
Dichlorodifluoromethane	0.0012	U	0.0012	0.00039	mg/Kg	☼	09/29/25 09:47	10/04/25 03:25	1
Ethylbenzene	0.0012	U	0.0012	0.00054	mg/Kg	☼	09/29/25 09:47	10/04/25 03:25	1
Ethylene Dibromide	0.0012	U	0.0012	0.00058	mg/Kg	☼	09/29/25 09:47	10/04/25 03:25	1
Isopropylbenzene	0.0012	U	0.0012	0.00033	mg/Kg	☼	09/29/25 09:47	10/04/25 03:25	1
Methyl acetate	0.0058	U	0.0058	0.0050	mg/Kg	☼	09/29/25 09:47	10/04/25 03:25	1
Methyl tert-butyl ether	0.0012	U	0.0012	0.00059	mg/Kg	☼	09/29/25 09:47	10/04/25 03:25	1
Methylcyclohexane	0.0012	U	0.0012	0.00058	mg/Kg	☼	09/29/25 09:47	10/04/25 03:25	1
Methylene Chloride	**0.0025**		0.0023	0.0013	mg/Kg	☼	09/29/25 09:47	10/04/25 03:25	1
m-Xylene & p-Xylene	0.0012	U	0.0012	0.00049	mg/Kg	☼	09/29/25 09:47	10/04/25 03:25	1
n-Butylbenzene	0.0012	U	0.0012	0.00034	mg/Kg	☼	09/29/25 09:47	10/04/25 03:25	1
N-Propylbenzene	0.0012	U	0.0012	0.00052	mg/Kg	☼	09/29/25 09:47	10/04/25 03:25	1
o-Xylene	0.0012	U	0.0012	0.00053	mg/Kg	☼	09/29/25 09:47	10/04/25 03:25	1
sec-Butylbenzene	0.0012	U	0.0012	0.00033	mg/Kg	☼	09/29/25 09:47	10/04/25 03:25	1
Styrene	0.0012	U	0.0012	0.00032	mg/Kg	☼	09/29/25 09:47	10/04/25 03:25	1
tert-Butylbenzene	0.0012	U	0.0012	0.00032	mg/Kg	☼	09/29/25 09:47	10/04/25 03:25	1
Tetrachloroethene	0.0012	U	0.0012	0.00035	mg/Kg	☼	09/29/25 09:47	10/04/25 03:25	1
Toluene	0.0012	U	0.0012	0.00027	mg/Kg	☼	09/29/25 09:47	10/04/25 03:25	1
trans-1,2-Dichloroethene	0.0012	U	0.0012	0.00028	mg/Kg	☼	09/29/25 09:47	10/04/25 03:25	1
trans-1,3-Dichloropropene	0.0012	U	0.0012	0.00031	mg/Kg	☼	09/29/25 09:47	10/04/25 03:25	1
Trichloroethene	0.0012	U	0.0012	0.00037	mg/Kg	☼	09/29/25 09:47	10/04/25 03:25	1
Trichlorofluoromethane	0.0012	U	0.0012	0.00047	mg/Kg	☼	09/29/25 09:47	10/04/25 03:25	1
Vinyl chloride	0.0012	U	0.0012	0.00063	mg/Kg	☼	09/29/25 09:47	10/04/25 03:25	1
Xylenes, Total	0.0023	U	0.0023	0.00020	mg/Kg	☼	09/29/25 09:47	10/04/25 03:25	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,2-Dichloroethane-d4 (Surr)	*121*		*65 - 138*	*09/29/25 09:47*	*10/04/25 03:25*	*1*
4-Bromofluorobenzene	*95*		*71 - 128*	*09/29/25 09:47*	*10/04/25 03:25*	*1*
Dibromofluoromethane (Surr)	*113*		*50 - 150*	*09/29/25 09:47*	*10/04/25 03:25*	*1*
Toluene-d8 (Surr)	*103*		*71 - 126*	*09/29/25 09:47*	*10/04/25 03:25*	*1*

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Percent Moisture (EPA Moisture)	**6.3**		1.0	1.0	%			09/28/25 21:11	1
Percent Solids (EPA Moisture)	**93.7**		1.0	1.0	%			09/28/25 21:11	1

Client: Haley & Aldrich, Inc.
Project/Site: Former Port Mobil

Job ID: 460-335806-1

Client Sample ID: 58C3_1-2
Date Collected: 09/26/25 11:10
Date Received: 09/26/25 16:20

Lab Sample ID: 460-335806-35
Matrix: Solid
Percent Solids: 88.6

Method: SW846 8260D - Volatile Organic Compounds by GC/MS

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1-Trichloroethane	0.0011	U	0.0011	0.00025	mg/Kg	☼	09/29/25 09:48	10/04/25 03:48	1
1,1,2,2-Tetrachloroethane	0.0011	U	0.0011	0.00055	mg/Kg	☼	09/29/25 09:48	10/04/25 03:48	1
1,1,2-Trichloro-1,2,2-trifluoroethane	0.0011	U	0.0011	0.00032	mg/Kg	☼	09/29/25 09:48	10/04/25 03:48	1
1,1,2-Trichloroethane	0.0011	U	0.0011	0.00063	mg/Kg	☼	09/29/25 09:48	10/04/25 03:48	1
1,1-Dichloroethane	0.0011	U	0.0011	0.00063	mg/Kg	☼	09/29/25 09:48	10/04/25 03:48	1
1,1-Dichloroethene	0.0011	U	0.0011	0.00024	mg/Kg	☼	09/29/25 09:48	10/04/25 03:48	1
1,2,3-Trichlorobenzene	0.0011	U	0.0011	0.00078	mg/Kg	☼	09/29/25 09:48	10/04/25 03:48	1
1,2,4-Trichlorobenzene	0.0011	U	0.0011	0.00038	mg/Kg	☼	09/29/25 09:48	10/04/25 03:48	1
1,2,4-Trimethylbenzene	0.0011	U	0.0011	0.00026	mg/Kg	☼	09/29/25 09:48	10/04/25 03:48	1
1,2-Dibromo-3-Chloropropane	0.0011	U	0.0011	0.00049	mg/Kg	☼	09/29/25 09:48	10/04/25 03:48	1
1,2-Dichlorobenzene	0.0011	U	0.0011	0.00038	mg/Kg	☼	09/29/25 09:48	10/04/25 03:48	1
1,2-Dichloroethane	0.0011	U	0.0011	0.00031	mg/Kg	☼	09/29/25 09:48	10/04/25 03:48	1
1,2-Dichloropropane	0.0011	U	0.0011	0.00045	mg/Kg	☼	09/29/25 09:48	10/04/25 03:48	1
1,3,5-Trimethylbenzene	0.0011	U	0.0011	0.00033	mg/Kg	☼	09/29/25 09:48	10/04/25 03:48	1
1,3-Dichlorobenzene	0.0011	U	0.0011	0.00039	mg/Kg	☼	09/29/25 09:48	10/04/25 03:48	1
1,4-Dichlorobenzene	0.0011	U	0.0011	0.00055	mg/Kg	☼	09/29/25 09:48	10/04/25 03:48	1
2-Butanone (MEK)	0.0053	U	0.0053	0.00039	mg/Kg	☼	09/29/25 09:48	10/04/25 03:48	1
2-Hexanone	0.0053	U	0.0053	0.0018	mg/Kg	☼	09/29/25 09:48	10/04/25 03:48	1
4-Methyl-2-pentanone (MIBK)	0.0053	U	0.0053	0.0016	mg/Kg	☼	09/29/25 09:48	10/04/25 03:48	1
Acetone	0.0063	U	0.0063	0.0060	mg/Kg	☼	09/29/25 09:48	10/04/25 03:48	1
Benzene	0.0011	U	0.0011	0.00060	mg/Kg	☼	09/29/25 09:48	10/04/25 03:48	1
Bromoform	0.0011	U	0.0011	0.00045	mg/Kg	☼	09/29/25 09:48	10/04/25 03:48	1
Bromomethane	0.0021	U	0.0021	0.0011	mg/Kg	☼	09/29/25 09:48	10/04/25 03:48	1
Carbon disulfide	0.0011	U	0.0011	0.00028	mg/Kg	☼	09/29/25 09:48	10/04/25 03:48	1
Carbon tetrachloride	0.0011	U	0.0011	0.00041	mg/Kg	☼	09/29/25 09:48	10/04/25 03:48	1
Chlorobenzene	0.0011	U	0.0011	0.00053	mg/Kg	☼	09/29/25 09:48	10/04/25 03:48	1
Chlorobromomethane	0.0011	U	0.0011	0.00063	mg/Kg	☼	09/29/25 09:48	10/04/25 03:48	1
Chlorodibromomethane	0.0011	U	0.0011	0.00057	mg/Kg	☼	09/29/25 09:48	10/04/25 03:48	1
Chloroethane	0.0011	U	0.0011	0.00055	mg/Kg	☼	09/29/25 09:48	10/04/25 03:48	1
Chloroform	0.0011	U	0.0011	0.0010	mg/Kg	☼	09/29/25 09:48	10/04/25 03:48	1
Chloromethane	0.0011	U	0.0011	0.00046	mg/Kg	☼	09/29/25 09:48	10/04/25 03:48	1
cis-1,2-Dichloroethene	0.0011	U	0.0011	0.00038	mg/Kg	☼	09/29/25 09:48	10/04/25 03:48	1
cis-1,3-Dichloropropene	0.0011	U	0.0011	0.00029	mg/Kg	☼	09/29/25 09:48	10/04/25 03:48	1
Cyclohexane	0.0011	U	0.0011	0.00023	mg/Kg	☼	09/29/25 09:48	10/04/25 03:48	1
Dichlorobromomethane	0.0011	U	0.0011	0.00027	mg/Kg	☼	09/29/25 09:48	10/04/25 03:48	1
Dichlorodifluoromethane	0.0011	U	0.0011	0.00036	mg/Kg	☼	09/29/25 09:48	10/04/25 03:48	1
Ethylbenzene	0.0011	U	0.0011	0.00049	mg/Kg	☼	09/29/25 09:48	10/04/25 03:48	1
Ethylene Dibromide	0.0011	U	0.0011	0.00053	mg/Kg	☼	09/29/25 09:48	10/04/25 03:48	1
Isopropylbenzene	0.0011	U	0.0011	0.00030	mg/Kg	☼	09/29/25 09:48	10/04/25 03:48	1
Methyl acetate	0.0053	U	0.0053	0.0045	mg/Kg	☼	09/29/25 09:48	10/04/25 03:48	1
Methyl tert-butyl ether	0.0011	U	0.0011	0.00054	mg/Kg	☼	09/29/25 09:48	10/04/25 03:48	1
Methylcyclohexane	0.0011	U	0.0011	0.00053	mg/Kg	☼	09/29/25 09:48	10/04/25 03:48	1
Methylene Chloride	**0.0012**	**J**	0.0021	0.0012	mg/Kg	☼	09/29/25 09:48	10/04/25 03:48	1
m-Xylene & p-Xylene	0.0011	U	0.0011	0.00045	mg/Kg	☼	09/29/25 09:48	10/04/25 03:48	1
n-Butylbenzene	0.0011	U	0.0011	0.00031	mg/Kg	☼	09/29/25 09:48	10/04/25 03:48	1
N-Propylbenzene	0.0011	U	0.0011	0.00047	mg/Kg	☼	09/29/25 09:48	10/04/25 03:48	1
o-Xylene	0.0011	U	0.0011	0.00049	mg/Kg	☼	09/29/25 09:48	10/04/25 03:48	1
sec-Butylbenzene	0.0011	U	0.0011	0.00030	mg/Kg	☼	09/29/25 09:48	10/04/25 03:48	1
Styrene	0.0011	U	0.0011	0.00029	mg/Kg	☼	09/29/25 09:48	10/04/25 03:48	1

Client Sample ID: 58C3_1-2

Lab Sample ID: 460-335806-35
Date Collected: 09/26/25 11:10
Matrix: Solid
Date Received: 09/26/25 16:20
Percent Solids: 88.6

Method: SW846 8260D - Volatile Organic Compounds by GC/MS (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
tert-Butylbenzene	0.0011	U	0.0011	0.00029	mg/Kg	☼	09/29/25 09:48	10/04/25 03:48	1
Tetrachloroethene	0.0011	U	0.0011	0.00032	mg/Kg	☼	09/29/25 09:48	10/04/25 03:48	1
Toluene	0.0011	U	0.0011	0.00025	mg/Kg	☼	09/29/25 09:48	10/04/25 03:48	1
trans-1,2-Dichloroethene	0.0011	U	0.0011	0.00026	mg/Kg	☼	09/29/25 09:48	10/04/25 03:48	1
trans-1,3-Dichloropropene	0.0011	U	0.0011	0.00028	mg/Kg	☼	09/29/25 09:48	10/04/25 03:48	1
Trichloroethene	0.0011	U	0.0011	0.00034	mg/Kg	☼	09/29/25 09:48	10/04/25 03:48	1
Trichlorofluoromethane	0.0011	U	0.0011	0.00043	mg/Kg	☼	09/29/25 09:48	10/04/25 03:48	1
Vinyl chloride	0.0011	U	0.0011	0.00058	mg/Kg	☼	09/29/25 09:48	10/04/25 03:48	1
Xylenes, Total	0.0021	U	0.0021	0.00018	mg/Kg	☼	09/29/25 09:48	10/04/25 03:48	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,2-Dichloroethane-d4 (Surr)	*118*		*65 - 138*	*09/29/25 09:48*	*10/04/25 03:48*	*1*
4-Bromofluorobenzene	*96*		*71 - 128*	*09/29/25 09:48*	*10/04/25 03:48*	*1*
Dibromofluoromethane (Surr)	*111*		*50 - 150*	*09/29/25 09:48*	*10/04/25 03:48*	*1*
Toluene-d8 (Surr)	*100*		*71 - 126*	*09/29/25 09:48*	*10/04/25 03:48*	*1*

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Percent Moisture (EPA Moisture)	**11.4**		1.0	1.0	%			09/28/25 21:11	1
Percent Solids (EPA Moisture)	**88.6**		1.0	1.0	%			09/28/25 21:11	1

Client Sample ID: 58C2_2-3

Lab Sample ID: 460-335806-36
Date Collected: 09/26/25 11:15
Matrix: Solid
Date Received: 09/26/25 16:20
Percent Solids: 89.4

Method: SW846 8260D - Volatile Organic Compounds by GC/MS

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1-Trichloroethane	0.00091	U	0.00091	0.00021	mg/Kg	☼	09/29/25 09:48	10/03/25 20:10	1
1,1,2,2-Tetrachloroethane	0.00091	U	0.00091	0.00047	mg/Kg	☼	09/29/25 09:48	10/03/25 20:10	1
1,1,2-Trichloro-1,2,2-trifluoroethane	0.00091	U	0.00091	0.00027	mg/Kg	☼	09/29/25 09:48	10/03/25 20:10	1
1,1,2-Trichloroethane	0.00091	U	0.00091	0.00055	mg/Kg	☼	09/29/25 09:48	10/03/25 20:10	1
1,1-Dichloroethane	0.00091	U	0.00091	0.00054	mg/Kg	☼	09/29/25 09:48	10/03/25 20:10	1
1,1-Dichloroethene	0.00091	U	0.00091	0.00020	mg/Kg	☼	09/29/25 09:48	10/03/25 20:10	1
1,2,3-Trichlorobenzene	0.00091	U	0.00091	0.00067	mg/Kg	☼	09/29/25 09:48	10/03/25 20:10	1
1,2,4-Trichlorobenzene	0.00091	U	0.00091	0.00032	mg/Kg	☼	09/29/25 09:48	10/03/25 20:10	1
1,2,4-Trimethylbenzene	0.00091	U	0.00091	0.00022	mg/Kg	☼	09/29/25 09:48	10/03/25 20:10	1
1,2-Dibromo-3-Chloropropane	0.00091	U	0.00091	0.00042	mg/Kg	☼	09/29/25 09:48	10/03/25 20:10	1
1,2-Dichlorobenzene	0.00091	U	0.00091	0.00033	mg/Kg	☼	09/29/25 09:48	10/03/25 20:10	1
1,2-Dichloroethane	0.00091	U	0.00091	0.00027	mg/Kg	☼	09/29/25 09:48	10/03/25 20:10	1
1,2-Dichloropropane	0.00091	U	0.00091	0.00038	mg/Kg	☼	09/29/25 09:48	10/03/25 20:10	1
1,3,5-Trimethylbenzene	0.00091	U	0.00091	0.00028	mg/Kg	☼	09/29/25 09:48	10/03/25 20:10	1
1,3-Dichlorobenzene	0.00091	U	0.00091	0.00033	mg/Kg	☼	09/29/25 09:48	10/03/25 20:10	1
1,4-Dichlorobenzene	0.00091	U	0.00091	0.00047	mg/Kg	☼	09/29/25 09:48	10/03/25 20:10	1
2-Butanone (MEK)	0.0045	U	0.0045	0.00033	mg/Kg	☼	09/29/25 09:48	10/03/25 20:10	1
2-Hexanone	0.0045	U	0.0045	0.0016	mg/Kg	☼	09/29/25 09:48	10/03/25 20:10	1
4-Methyl-2-pentanone (MIBK)	0.0045	U	0.0045	0.0014	mg/Kg	☼	09/29/25 09:48	10/03/25 20:10	1
Acetone	**0.0055**		0.0054	0.0052	mg/Kg	☼	09/29/25 09:48	10/03/25 20:10	1
Benzene	0.00091	U	0.00091	0.00051	mg/Kg	☼	09/29/25 09:48	10/03/25 20:10	1
Bromoform	0.00091	U *	0.00091	0.00039	mg/Kg	☼	09/29/25 09:48	10/03/25 20:10	1
Bromomethane	0.0018	U	0.0018	0.00091	mg/Kg	☼	09/29/25 09:48	10/03/25 20:10	1

Client Sample ID: 58C2_2-3
Date Collected: 09/26/25 11:15
Date Received: 09/26/25 16:20

Lab Sample ID: 460-335806-36
Matrix: Solid
Percent Solids: 89.4

Method: SW846 8260D - Volatile Organic Compounds by GC/MS (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Carbon disulfide	0.00091	U	0.00091	0.00024	mg/Kg	☼	09/29/25 09:48	10/03/25 20:10	1
Carbon tetrachloride	0.00091	U	0.00091	0.00035	mg/Kg	☼	09/29/25 09:48	10/03/25 20:10	1
Chlorobenzene	0.00091	U	0.00091	0.00046	mg/Kg	☼	09/29/25 09:48	10/03/25 20:10	1
Chlorobromomethane	0.00091	U	0.00091	0.00054	mg/Kg	☼	09/29/25 09:48	10/03/25 20:10	1
Chlorodibromomethane	0.00091	U *	0.00091	0.00049	mg/Kg	☼	09/29/25 09:48	10/03/25 20:10	1
Chloroethane	0.00091	U	0.00091	0.00047	mg/Kg	☼	09/29/25 09:48	10/03/25 20:10	1
Chloroform	0.00091	U	0.00091	0.00088	mg/Kg	☼	09/29/25 09:48	10/03/25 20:10	1
Chloromethane	0.00091	U	0.00091	0.00039	mg/Kg	☼	09/29/25 09:48	10/03/25 20:10	1
cis-1,2-Dichloroethene	0.00091	U	0.00091	0.00032	mg/Kg	☼	09/29/25 09:48	10/03/25 20:10	1
cis-1,3-Dichloropropene	0.00091	U	0.00091	0.00025	mg/Kg	☼	09/29/25 09:48	10/03/25 20:10	1
Cyclohexane	0.00091	U	0.00091	0.00020	mg/Kg	☼	09/29/25 09:48	10/03/25 20:10	1
Dichlorobromomethane	0.00091	U	0.00091	0.00023	mg/Kg	☼	09/29/25 09:48	10/03/25 20:10	1
Dichlorodifluoromethane	0.00091	U	0.00091	0.00031	mg/Kg	☼	09/29/25 09:48	10/03/25 20:10	1
Ethylbenzene	0.00091	U	0.00091	0.00042	mg/Kg	☼	09/29/25 09:48	10/03/25 20:10	1
Ethylene Dibromide	0.00091	U	0.00091	0.00046	mg/Kg	☼	09/29/25 09:48	10/03/25 20:10	1
Isopropylbenzene	0.00091	U	0.00091	0.00026	mg/Kg	☼	09/29/25 09:48	10/03/25 20:10	1
Methyl acetate	0.0045	U *	0.0045	0.0039	mg/Kg	☼	09/29/25 09:48	10/03/25 20:10	1
Methyl tert-butyl ether	0.00091	U	0.00091	0.00046	mg/Kg	☼	09/29/25 09:48	10/03/25 20:10	1
Methylcyclohexane	0.00091	U	0.00091	0.00045	mg/Kg	☼	09/29/25 09:48	10/03/25 20:10	1
Methylene Chloride	0.0018	U	0.0018	0.0010	mg/Kg	☼	09/29/25 09:48	10/03/25 20:10	1
m-Xylene & p-Xylene	0.00091	U	0.00091	0.00038	mg/Kg	☼	09/29/25 09:48	10/03/25 20:10	1
n-Butylbenzene	0.00091	U	0.00091	0.00027	mg/Kg	☼	09/29/25 09:48	10/03/25 20:10	1
N-Propylbenzene	0.00091	U	0.00091	0.00041	mg/Kg	☼	09/29/25 09:48	10/03/25 20:10	1
o-Xylene	0.00091	U	0.00091	0.00042	mg/Kg	☼	09/29/25 09:48	10/03/25 20:10	1
sec-Butylbenzene	0.00091	U	0.00091	0.00026	mg/Kg	☼	09/29/25 09:48	10/03/25 20:10	1
Styrene	0.00091	U	0.00091	0.00025	mg/Kg	☼	09/29/25 09:48	10/03/25 20:10	1
tert-Butylbenzene	0.00091	U	0.00091	0.00025	mg/Kg	☼	09/29/25 09:48	10/03/25 20:10	1
Tetrachloroethene	0.00091	U	0.00091	0.00028	mg/Kg	☼	09/29/25 09:48	10/03/25 20:10	1
Toluene	0.00091	U	0.00091	0.00021	mg/Kg	☼	09/29/25 09:48	10/03/25 20:10	1
trans-1,2-Dichloroethene	0.00091	U	0.00091	0.00022	mg/Kg	☼	09/29/25 09:48	10/03/25 20:10	1
trans-1,3-Dichloropropene	0.00091	U	0.00091	0.00024	mg/Kg	☼	09/29/25 09:48	10/03/25 20:10	1
Trichloroethene	0.00091	U	0.00091	0.00029	mg/Kg	☼	09/29/25 09:48	10/03/25 20:10	1
Trichlorofluoromethane	0.00091	U	0.00091	0.00037	mg/Kg	☼	09/29/25 09:48	10/03/25 20:10	1
Vinyl chloride	0.00091	U	0.00091	0.00050	mg/Kg	☼	09/29/25 09:48	10/03/25 20:10	1
Xylenes, Total	0.0018	U	0.0018	0.00016	mg/Kg	☼	09/29/25 09:48	10/03/25 20:10	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,2-Dichloroethane-d4 (Surr)	*108*		*65 - 138*	*09/29/25 09:48*	*10/03/25 20:10*	*1*
4-Bromofluorobenzene	*90*		*71 - 128*	*09/29/25 09:48*	*10/03/25 20:10*	*1*
Dibromofluoromethane (Surr)	*95*		*50 - 150*	*09/29/25 09:48*	*10/03/25 20:10*	*1*
Toluene-d8 (Surr)	*100*		*71 - 126*	*09/29/25 09:48*	*10/03/25 20:10*	*1*

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Percent Moisture (EPA Moisture)	10.6		1.0	1.0	%			09/28/25 21:11	1
Percent Solids (EPA Moisture)	89.4		1.0	1.0	%			09/28/25 21:11	1

Client Sample ID: 58C1_3-4
Date Collected: 09/26/25 11:20
Date Received: 09/26/25 16:20

Lab Sample ID: 460-335806-37
Matrix: Solid
Percent Solids: 91.6

Method: SW846 8260D - Volatile Organic Compounds by GC/MS

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1-Trichloroethane	0.0022	U	0.0022	0.00050	mg/Kg	☼	09/29/25 09:49	10/03/25 20:35	1
1,1,2,2-Tetrachloroethane	0.0022	U	0.0022	0.0011	mg/Kg	☼	09/29/25 09:49	10/03/25 20:35	1
1,1,2-Trichloro-1,2,2-trifluoroethane	0.0022	U	0.0022	0.00065	mg/Kg	☼	09/29/25 09:49	10/03/25 20:35	1
1,1,2-Trichloroethane	0.0022	U	0.0022	0.0013	mg/Kg	☼	09/29/25 09:49	10/03/25 20:35	1
1,1-Dichloroethane	0.0022	U	0.0022	0.0013	mg/Kg	☼	09/29/25 09:49	10/03/25 20:35	1
1,1-Dichloroethene	0.0022	U	0.0022	0.00049	mg/Kg	☼	09/29/25 09:49	10/03/25 20:35	1
1,2,3-Trichlorobenzene	0.0022	U	0.0022	0.0016	mg/Kg	☼	09/29/25 09:49	10/03/25 20:35	1
1,2,4-Trichlorobenzene	0.0022	U	0.0022	0.00077	mg/Kg	☼	09/29/25 09:49	10/03/25 20:35	1
1,2,4-Trimethylbenzene	0.0022	U	0.0022	0.00053	mg/Kg	☼	09/29/25 09:49	10/03/25 20:35	1
1,2-Dibromo-3-Chloropropane	0.0022	U	0.0022	0.0010	mg/Kg	☼	09/29/25 09:49	10/03/25 20:35	1
1,2-Dichlorobenzene	0.0022	U	0.0022	0.00078	mg/Kg	☼	09/29/25 09:49	10/03/25 20:35	1
1,2-Dichloroethane	0.0022	U	0.0022	0.00064	mg/Kg	☼	09/29/25 09:49	10/03/25 20:35	1
1,2-Dichloropropane	0.0022	U	0.0022	0.00092	mg/Kg	☼	09/29/25 09:49	10/03/25 20:35	1
1,3,5-Trimethylbenzene	0.0022	U	0.0022	0.00068	mg/Kg	☼	09/29/25 09:49	10/03/25 20:35	1
1,3-Dichlorobenzene	0.0022	U	0.0022	0.00079	mg/Kg	☼	09/29/25 09:49	10/03/25 20:35	1
1,4-Dichlorobenzene	0.0022	U	0.0022	0.0011	mg/Kg	☼	09/29/25 09:49	10/03/25 20:35	1
2-Butanone (MEK)	0.011	U	0.011	0.00080	mg/Kg	☼	09/29/25 09:49	10/03/25 20:35	1
2-Hexanone	0.011	U	0.011	0.0037	mg/Kg	☼	09/29/25 09:49	10/03/25 20:35	1
4-Methyl-2-pentanone (MIBK)	0.011	U	0.011	0.0034	mg/Kg	☼	09/29/25 09:49	10/03/25 20:35	1
Acetone	0.013	U	0.013	0.012	mg/Kg	☼	09/29/25 09:49	10/03/25 20:35	1
Benzene	0.0022	U	0.0022	0.0012	mg/Kg	☼	09/29/25 09:49	10/03/25 20:35	1
Bromoform	0.0022	U *	0.0022	0.00092	mg/Kg	☼	09/29/25 09:49	10/03/25 20:35	1
Bromomethane	0.0043	U	0.0043	0.0022	mg/Kg	☼	09/29/25 09:49	10/03/25 20:35	1
Carbon disulfide	0.0022	U	0.0022	0.00058	mg/Kg	☼	09/29/25 09:49	10/03/25 20:35	1
Carbon tetrachloride	0.0022	U	0.0022	0.00084	mg/Kg	☼	09/29/25 09:49	10/03/25 20:35	1
Chlorobenzene	0.0022	U	0.0022	0.0011	mg/Kg	☼	09/29/25 09:49	10/03/25 20:35	1
Chlorobromomethane	0.0022	U	0.0022	0.0013	mg/Kg	☼	09/29/25 09:49	10/03/25 20:35	1
Chlorodibromomethane	0.0022	U *	0.0022	0.0012	mg/Kg	☼	09/29/25 09:49	10/03/25 20:35	1
Chloroethane	0.0022	U	0.0022	0.0011	mg/Kg	☼	09/29/25 09:49	10/03/25 20:35	1
Chloroform	0.0022	U	0.0022	0.0021	mg/Kg	☼	09/29/25 09:49	10/03/25 20:35	1
Chloromethane	0.0022	U	0.0022	0.00094	mg/Kg	☼	09/29/25 09:49	10/03/25 20:35	1
cis-1,2-Dichloroethene	0.0022	U	0.0022	0.00077	mg/Kg	☼	09/29/25 09:49	10/03/25 20:35	1
cis-1,3-Dichloropropene	0.0022	U	0.0022	0.00059	mg/Kg	☼	09/29/25 09:49	10/03/25 20:35	1
Cyclohexane	0.0022	U	0.0022	0.00048	mg/Kg	☼	09/29/25 09:49	10/03/25 20:35	1
Dichlorobromomethane	0.0022	U	0.0022	0.00056	mg/Kg	☼	09/29/25 09:49	10/03/25 20:35	1
Dichlorodifluoromethane	0.0022	U	0.0022	0.00073	mg/Kg	☼	09/29/25 09:49	10/03/25 20:35	1
Ethylbenzene	0.0022	U	0.0022	0.0010	mg/Kg	☼	09/29/25 09:49	10/03/25 20:35	1
Ethylene Dibromide	0.0022	U	0.0022	0.0011	mg/Kg	☼	09/29/25 09:49	10/03/25 20:35	1
Isopropylbenzene	0.0022	U	0.0022	0.00062	mg/Kg	☼	09/29/25 09:49	10/03/25 20:35	1
Methyl acetate	0.011	U *	0.011	0.0093	mg/Kg	☼	09/29/25 09:49	10/03/25 20:35	1
Methyl tert-butyl ether	0.0022	U	0.0022	0.0011	mg/Kg	☼	09/29/25 09:49	10/03/25 20:35	1
Methylcyclohexane	0.0022	U	0.0022	0.0011	mg/Kg	☼	09/29/25 09:49	10/03/25 20:35	1
Methylene Chloride	**0.0037**	**J**	0.0043	0.0025	mg/Kg	☼	09/29/25 09:49	10/03/25 20:35	1
m-Xylene & p-Xylene	0.0022	U	0.0022	0.00092	mg/Kg	☼	09/29/25 09:49	10/03/25 20:35	1
n-Butylbenzene	0.0022	U	0.0022	0.00064	mg/Kg	☼	09/29/25 09:49	10/03/25 20:35	1
N-Propylbenzene	0.0022	U	0.0022	0.00097	mg/Kg	☼	09/29/25 09:49	10/03/25 20:35	1
o-Xylene	0.0022	U	0.0022	0.0010	mg/Kg	☼	09/29/25 09:49	10/03/25 20:35	1
sec-Butylbenzene	0.0022	U	0.0022	0.00062	mg/Kg	☼	09/29/25 09:49	10/03/25 20:35	1
Styrene	0.0022	U	0.0022	0.00060	mg/Kg	☼	09/29/25 09:49	10/03/25 20:35	1

Client Sample ID: 58C1_3-4

Lab Sample ID: 460-335806-37

Date Collected: 09/26/25 11:20
Matrix: Solid
Date Received: 09/26/25 16:20
Percent Solids: 91.6

Method: SW846 8260D - Volatile Organic Compounds by GC/MS (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
tert-Butylbenzene	0.0022	U	0.0022	0.00060	mg/Kg	☼	09/29/25 09:49	10/03/25 20:35	1
Tetrachloroethene	0.0022	U	0.0022	0.00066	mg/Kg	☼	09/29/25 09:49	10/03/25 20:35	1
Toluene	0.0022	U	0.0022	0.00051	mg/Kg	☼	09/29/25 09:49	10/03/25 20:35	1
trans-1,2-Dichloroethene	0.0022	U	0.0022	0.00053	mg/Kg	☼	09/29/25 09:49	10/03/25 20:35	1
trans-1,3-Dichloropropene	0.0022	U	0.0022	0.00058	mg/Kg	☼	09/29/25 09:49	10/03/25 20:35	1
Trichloroethene	0.0022	U	0.0022	0.00069	mg/Kg	☼	09/29/25 09:49	10/03/25 20:35	1
Trichlorofluoromethane	0.0022	U	0.0022	0.00088	mg/Kg	☼	09/29/25 09:49	10/03/25 20:35	1
Vinyl chloride	0.0022	U	0.0022	0.0012	mg/Kg	☼	09/29/25 09:49	10/03/25 20:35	1
Xylenes, Total	0.0043	U	0.0043	0.00038	mg/Kg	☼	09/29/25 09:49	10/03/25 20:35	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,2-Dichloroethane-d4 (Surr)	*106*		*65 - 138*	*09/29/25 09:49*	*10/03/25 20:35*	*1*
4-Bromofluorobenzene	*93*		*71 - 128*	*09/29/25 09:49*	*10/03/25 20:35*	*1*
Dibromofluoromethane (Surr)	*94*		*50 - 150*	*09/29/25 09:49*	*10/03/25 20:35*	*1*
Toluene-d8 (Surr)	*103*		*71 - 126*	*09/29/25 09:49*	*10/03/25 20:35*	*1*

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Percent Moisture (EPA Moisture)	**8.4**		1.0	1.0	%			09/28/25 21:11	1
Percent Solids (EPA Moisture)	**91.6**		1.0	1.0	%			09/28/25 21:11	1

Client Sample ID: 58C3_5-6

Lab Sample ID: 460-335806-38

Date Collected: 09/26/25 11:25
Matrix: Solid
Date Received: 09/26/25 16:20
Percent Solids: 88.5

Method: SW846 8260D - Volatile Organic Compounds by GC/MS

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1-Trichloroethane	0.0016	U	0.0016	0.00038	mg/Kg	☼	09/29/25 09:49	10/03/25 20:59	1
1,1,2,2-Tetrachloroethane	0.0016	U	0.0016	0.00084	mg/Kg	☼	09/29/25 09:49	10/03/25 20:59	1
1,1,2-Trichloro-1,2,2-trifluoroethane	0.0016	U	0.0016	0.00049	mg/Kg	☼	09/29/25 09:49	10/03/25 20:59	1
1,1,2-Trichloroethane	0.0016	U	0.0016	0.00097	mg/Kg	☼	09/29/25 09:49	10/03/25 20:59	1
1,1-Dichloroethane	0.0016	U	0.0016	0.00097	mg/Kg	☼	09/29/25 09:49	10/03/25 20:59	1
1,1-Dichloroethene	0.0016	U	0.0016	0.00036	mg/Kg	☼	09/29/25 09:49	10/03/25 20:59	1
1,2,3-Trichlorobenzene	0.0016	U	0.0016	0.0012	mg/Kg	☼	09/29/25 09:49	10/03/25 20:59	1
1,2,4-Trichlorobenzene	0.0016	U	0.0016	0.00058	mg/Kg	☼	09/29/25 09:49	10/03/25 20:59	1
1,2,4-Trimethylbenzene	0.0016	U	0.0016	0.00040	mg/Kg	☼	09/29/25 09:49	10/03/25 20:59	1
1,2-Dibromo-3-Chloropropane	0.0016	U	0.0016	0.00074	mg/Kg	☼	09/29/25 09:49	10/03/25 20:59	1
1,2-Dichlorobenzene	0.0016	U	0.0016	0.00058	mg/Kg	☼	09/29/25 09:49	10/03/25 20:59	1
1,2-Dichloroethane	0.0016	U	0.0016	0.00048	mg/Kg	☼	09/29/25 09:49	10/03/25 20:59	1
1,2-Dichloropropane	0.0016	U	0.0016	0.00068	mg/Kg	☼	09/29/25 09:49	10/03/25 20:59	1
1,3,5-Trimethylbenzene	0.0016	U	0.0016	0.00051	mg/Kg	☼	09/29/25 09:49	10/03/25 20:59	1
1,3-Dichlorobenzene	0.0016	U	0.0016	0.00059	mg/Kg	☼	09/29/25 09:49	10/03/25 20:59	1
1,4-Dichlorobenzene	0.0016	U	0.0016	0.00084	mg/Kg	☼	09/29/25 09:49	10/03/25 20:59	1
2-Butanone (MEK)	0.0081	U	0.0081	0.00060	mg/Kg	☼	09/29/25 09:49	10/03/25 20:59	1
2-Hexanone	0.0081	U	0.0081	0.0028	mg/Kg	☼	09/29/25 09:49	10/03/25 20:59	1
4-Methyl-2-pentanone (MIBK)	0.0081	U	0.0081	0.0025	mg/Kg	☼	09/29/25 09:49	10/03/25 20:59	1
Acetone	0.0097	U	0.0097	0.0093	mg/Kg	☼	09/29/25 09:49	10/03/25 20:59	1
Benzene	0.0016	U	0.0016	0.00092	mg/Kg	☼	09/29/25 09:49	10/03/25 20:59	1
Bromoform	0.0016	U *	0.0016	0.00069	mg/Kg	☼	09/29/25 09:49	10/03/25 20:59	1
Bromomethane	0.0032	U	0.0032	0.0016	mg/Kg	☼	09/29/25 09:49	10/03/25 20:59	1

Client: Haley & Aldrich, Inc.
Project/Site: Former Port Mobil

Job ID: 460-335806-1

Client Sample ID: 58C3_5-6
Date Collected: 09/26/25 11:25
Date Received: 09/26/25 16:20

Lab Sample ID: 460-335806-38
Matrix: Solid
Percent Solids: 88.5

Method: SW846 8260D - Volatile Organic Compounds by GC/MS (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Carbon disulfide	0.0016	U	0.0016	0.00043	mg/Kg	☼	09/29/25 09:49	10/03/25 20:59	1
Carbon tetrachloride	0.0016	U	0.0016	0.00063	mg/Kg	☼	09/29/25 09:49	10/03/25 20:59	1
Chlorobenzene	0.0016	U	0.0016	0.00082	mg/Kg	☼	09/29/25 09:49	10/03/25 20:59	1
Chlorobromomethane	0.0016	U	0.0016	0.00096	mg/Kg	☼	09/29/25 09:49	10/03/25 20:59	1
Chlorodibromomethane	0.0016	U *	0.0016	0.00087	mg/Kg	☼	09/29/25 09:49	10/03/25 20:59	1
Chloroethane	0.0016	U	0.0016	0.00084	mg/Kg	☼	09/29/25 09:49	10/03/25 20:59	1
Chloroform	0.0016	U	0.0016	0.0016	mg/Kg	☼	09/29/25 09:49	10/03/25 20:59	1
Chloromethane	0.0016	U	0.0016	0.00070	mg/Kg	☼	09/29/25 09:49	10/03/25 20:59	1
cis-1,2-Dichloroethene	0.0016	U	0.0016	0.00058	mg/Kg	☼	09/29/25 09:49	10/03/25 20:59	1
cis-1,3-Dichloropropene	0.0016	U	0.0016	0.00044	mg/Kg	☼	09/29/25 09:49	10/03/25 20:59	1
Cyclohexane	0.0016	U	0.0016	0.00036	mg/Kg	☼	09/29/25 09:49	10/03/25 20:59	1
Dichlorobromomethane	0.0016	U	0.0016	0.00042	mg/Kg	☼	09/29/25 09:49	10/03/25 20:59	1
Dichlorodifluoromethane	0.0016	U	0.0016	0.00055	mg/Kg	☼	09/29/25 09:49	10/03/25 20:59	1
Ethylbenzene	0.0016	U	0.0016	0.00076	mg/Kg	☼	09/29/25 09:49	10/03/25 20:59	1
Ethylene Dibromide	0.0016	U	0.0016	0.00082	mg/Kg	☼	09/29/25 09:49	10/03/25 20:59	1
Isopropylbenzene	0.0016	U	0.0016	0.00046	mg/Kg	☼	09/29/25 09:49	10/03/25 20:59	1
Methyl acetate	0.0081	U *	0.0081	0.0070	mg/Kg	☼	09/29/25 09:49	10/03/25 20:59	1
Methyl tert-butyl ether	0.0016	U	0.0016	0.00083	mg/Kg	☼	09/29/25 09:49	10/03/25 20:59	1
Methylcyclohexane	0.0016	U	0.0016	0.00081	mg/Kg	☼	09/29/25 09:49	10/03/25 20:59	1
Methylene Chloride	0.0032	U	0.0032	0.0019	mg/Kg	☼	09/29/25 09:49	10/03/25 20:59	1
m-Xylene & p-Xylene	0.0016	U	0.0016	0.00068	mg/Kg	☼	09/29/25 09:49	10/03/25 20:59	1
n-Butylbenzene	0.0016	U	0.0016	0.00048	mg/Kg	☼	09/29/25 09:49	10/03/25 20:59	1
N-Propylbenzene	0.0016	U	0.0016	0.00073	mg/Kg	☼	09/29/25 09:49	10/03/25 20:59	1
o-Xylene	0.0016	U	0.0016	0.00075	mg/Kg	☼	09/29/25 09:49	10/03/25 20:59	1
sec-Butylbenzene	0.0016	U	0.0016	0.00047	mg/Kg	☼	09/29/25 09:49	10/03/25 20:59	1
Styrene	0.0016	U	0.0016	0.00045	mg/Kg	☼	09/29/25 09:49	10/03/25 20:59	1
tert-Butylbenzene	0.0016	U	0.0016	0.00045	mg/Kg	☼	09/29/25 09:49	10/03/25 20:59	1
Tetrachloroethene	0.0016	U	0.0016	0.00049	mg/Kg	☼	09/29/25 09:49	10/03/25 20:59	1
Toluene	0.0016	U	0.0016	0.00038	mg/Kg	☼	09/29/25 09:49	10/03/25 20:59	1
trans-1,2-Dichloroethene	0.0016	U	0.0016	0.00040	mg/Kg	☼	09/29/25 09:49	10/03/25 20:59	1
trans-1,3-Dichloropropene	0.0016	U	0.0016	0.00043	mg/Kg	☼	09/29/25 09:49	10/03/25 20:59	1
Trichloroethene	0.0016	U	0.0016	0.00052	mg/Kg	☼	09/29/25 09:49	10/03/25 20:59	1
Trichlorofluoromethane	0.0016	U	0.0016	0.00066	mg/Kg	☼	09/29/25 09:49	10/03/25 20:59	1
Vinyl chloride	0.0016	U	0.0016	0.00088	mg/Kg	☼	09/29/25 09:49	10/03/25 20:59	1
Xylenes, Total	0.0032	U	0.0032	0.00028	mg/Kg	☼	09/29/25 09:49	10/03/25 20:59	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,2-Dichloroethane-d4 (Surr)	*106*		*65 - 138*	*09/29/25 09:49*	*10/03/25 20:59*	*1*
4-Bromofluorobenzene	*92*		*71 - 128*	*09/29/25 09:49*	*10/03/25 20:59*	*1*
Dibromofluoromethane (Surr)	*94*		*50 - 150*	*09/29/25 09:49*	*10/03/25 20:59*	*1*
Toluene-d8 (Surr)	*101*		*71 - 126*	*09/29/25 09:49*	*10/03/25 20:59*	*1*

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Percent Moisture (EPA Moisture)	**11.5**		1.0	1.0	%			09/28/25 21:11	1
Percent Solids (EPA Moisture)	**88.5**		1.0	1.0	%			09/28/25 21:11	1

Client: Haley & Aldrich, Inc.
Project/Site: Former Port Mobil

Job ID: 460-335806-1

Client Sample ID: 58C2_6-7
Date Collected: 09/26/25 11:30
Date Received: 09/26/25 16:20

Lab Sample ID: 460-335806-39
Matrix: Solid
Percent Solids: 86.4

Method: SW846 8260D - Volatile Organic Compounds by GC/MS

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1-Trichloroethane	0.0015	U	0.0015	0.00035	mg/Kg	☼	09/29/25 09:49	10/03/25 21:24	1
1,1,2,2-Tetrachloroethane	0.0015	U	0.0015	0.00077	mg/Kg	☼	09/29/25 09:49	10/03/25 21:24	1
1,1,2-Trichloro-1,2,2-trifluoroethane	0.0015	U	0.0015	0.00045	mg/Kg	☼	09/29/25 09:49	10/03/25 21:24	1
1,1,2-Trichloroethane	0.0015	U	0.0015	0.00089	mg/Kg	☼	09/29/25 09:49	10/03/25 21:24	1
1,1-Dichloroethane	0.0015	U	0.0015	0.00088	mg/Kg	☼	09/29/25 09:49	10/03/25 21:24	1
1,1-Dichloroethene	0.0015	U	0.0015	0.00033	mg/Kg	☼	09/29/25 09:49	10/03/25 21:24	1
1,2,3-Trichlorobenzene	0.0015	U	0.0015	0.0011	mg/Kg	☼	09/29/25 09:49	10/03/25 21:24	1
1,2,4-Trichlorobenzene	0.0015	U	0.0015	0.00053	mg/Kg	☼	09/29/25 09:49	10/03/25 21:24	1
1,2,4-Trimethylbenzene	0.0015	U	0.0015	0.00036	mg/Kg	☼	09/29/25 09:49	10/03/25 21:24	1
1,2-Dibromo-3-Chloropropane	0.0015	U	0.0015	0.00068	mg/Kg	☼	09/29/25 09:49	10/03/25 21:24	1
1,2-Dichlorobenzene	0.0015	U	0.0015	0.00053	mg/Kg	☼	09/29/25 09:49	10/03/25 21:24	1
1,2-Dichloroethane	0.0015	U	0.0015	0.00044	mg/Kg	☼	09/29/25 09:49	10/03/25 21:24	1
1,2-Dichloropropane	0.0015	U	0.0015	0.00063	mg/Kg	☼	09/29/25 09:49	10/03/25 21:24	1
1,3,5-Trimethylbenzene	0.0015	U	0.0015	0.00047	mg/Kg	☼	09/29/25 09:49	10/03/25 21:24	1
1,3-Dichlorobenzene	0.0015	U	0.0015	0.00054	mg/Kg	☼	09/29/25 09:49	10/03/25 21:24	1
1,4-Dichlorobenzene	0.0015	U	0.0015	0.00077	mg/Kg	☼	09/29/25 09:49	10/03/25 21:24	1
2-Butanone (MEK)	0.0074	U	0.0074	0.00055	mg/Kg	☼	09/29/25 09:49	10/03/25 21:24	1
2-Hexanone	0.0074	U	0.0074	0.0025	mg/Kg	☼	09/29/25 09:49	10/03/25 21:24	1
4-Methyl-2-pentanone (MIBK)	0.0074	U	0.0074	0.0023	mg/Kg	☼	09/29/25 09:49	10/03/25 21:24	1
Acetone	0.0089	U	0.0089	0.0085	mg/Kg	☼	09/29/25 09:49	10/03/25 21:24	1
Benzene	0.0015	U	0.0015	0.00084	mg/Kg	☼	09/29/25 09:49	10/03/25 21:24	1
Bromoform	0.0015	U *	0.0015	0.00063	mg/Kg	☼	09/29/25 09:49	10/03/25 21:24	1
Bromomethane	0.0030	U	0.0030	0.0015	mg/Kg	☼	09/29/25 09:49	10/03/25 21:24	1
Carbon disulfide	0.0015	U	0.0015	0.00039	mg/Kg	☼	09/29/25 09:49	10/03/25 21:24	1
Carbon tetrachloride	0.0015	U	0.0015	0.00057	mg/Kg	☼	09/29/25 09:49	10/03/25 21:24	1
Chlorobenzene	0.0015	U	0.0015	0.00075	mg/Kg	☼	09/29/25 09:49	10/03/25 21:24	1
Chlorobromomethane	0.0015	U	0.0015	0.00088	mg/Kg	☼	09/29/25 09:49	10/03/25 21:24	1
Chlorodibromomethane	0.0015	U *	0.0015	0.00080	mg/Kg	☼	09/29/25 09:49	10/03/25 21:24	1
Chloroethane	0.0015	U	0.0015	0.00077	mg/Kg	☼	09/29/25 09:49	10/03/25 21:24	1
Chloroform	0.0015	U	0.0015	0.0014	mg/Kg	☼	09/29/25 09:49	10/03/25 21:24	1
Chloromethane	0.0015	U	0.0015	0.00064	mg/Kg	☼	09/29/25 09:49	10/03/25 21:24	1
cis-1,2-Dichloroethene	0.0015	U	0.0015	0.00053	mg/Kg	☼	09/29/25 09:49	10/03/25 21:24	1
cis-1,3-Dichloropropene	0.0015	U	0.0015	0.00040	mg/Kg	☼	09/29/25 09:49	10/03/25 21:24	1
Cyclohexane	0.0015	U	0.0015	0.00033	mg/Kg	☼	09/29/25 09:49	10/03/25 21:24	1
Dichlorobromomethane	0.0015	U	0.0015	0.00038	mg/Kg	☼	09/29/25 09:49	10/03/25 21:24	1
Dichlorodifluoromethane	0.0015	U	0.0015	0.00050	mg/Kg	☼	09/29/25 09:49	10/03/25 21:24	1
Ethylbenzene	0.0015	U	0.0015	0.00069	mg/Kg	☼	09/29/25 09:49	10/03/25 21:24	1
Ethylene Dibromide	0.0015	U	0.0015	0.00075	mg/Kg	☼	09/29/25 09:49	10/03/25 21:24	1
Isopropylbenzene	0.0015	U	0.0015	0.00042	mg/Kg	☼	09/29/25 09:49	10/03/25 21:24	1
Methyl acetate	0.0074	U *	0.0074	0.0064	mg/Kg	☼	09/29/25 09:49	10/03/25 21:24	1
Methyl tert-butyl ether	0.0015	U	0.0015	0.00076	mg/Kg	☼	09/29/25 09:49	10/03/25 21:24	1
Methylcyclohexane	0.0015	U	0.0015	0.00074	mg/Kg	☼	09/29/25 09:49	10/03/25 21:24	1
Methylene Chloride	0.0030	U	0.0030	0.0017	mg/Kg	☼	09/29/25 09:49	10/03/25 21:24	1
m-Xylene & p-Xylene	0.0015	U	0.0015	0.00063	mg/Kg	☼	09/29/25 09:49	10/03/25 21:24	1
n-Butylbenzene	0.0015	U	0.0015	0.00044	mg/Kg	☼	09/29/25 09:49	10/03/25 21:24	1
N-Propylbenzene	0.0015	U	0.0015	0.00067	mg/Kg	☼	09/29/25 09:49	10/03/25 21:24	1
o-Xylene	0.0015	U	0.0015	0.00068	mg/Kg	☼	09/29/25 09:49	10/03/25 21:24	1
sec-Butylbenzene	0.0015	U	0.0015	0.00043	mg/Kg	☼	09/29/25 09:49	10/03/25 21:24	1
Styrene	0.0015	U	0.0015	0.00041	mg/Kg	☼	09/29/25 09:49	10/03/25 21:24	1

Client Sample ID: 58C2_6-7

Lab Sample ID: 460-335806-39

Date Collected: 09/26/25 11:30
Matrix: Solid
Date Received: 09/26/25 16:20
Percent Solids: 86.4

Method: SW846 8260D - Volatile Organic Compounds by GC/MS (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
tert-Butylbenzene	0.0015	U	0.0015	0.00041	mg/Kg	☼	09/29/25 09:49	10/03/25 21:24	1
Tetrachloroethene	0.0015	U	0.0015	0.00045	mg/Kg	☼	09/29/25 09:49	10/03/25 21:24	1
Toluene	0.0015	U	0.0015	0.00035	mg/Kg	☼	09/29/25 09:49	10/03/25 21:24	1
trans-1,2-Dichloroethene	0.0015	U	0.0015	0.00036	mg/Kg	☼	09/29/25 09:49	10/03/25 21:24	1
trans-1,3-Dichloropropene	0.0015	U	0.0015	0.00039	mg/Kg	☼	09/29/25 09:49	10/03/25 21:24	1
Trichloroethene	0.0015	U	0.0015	0.00048	mg/Kg	☼	09/29/25 09:49	10/03/25 21:24	1
Trichlorofluoromethane	0.0015	U	0.0015	0.00060	mg/Kg	☼	09/29/25 09:49	10/03/25 21:24	1
Vinyl chloride	0.0015	U	0.0015	0.00081	mg/Kg	☼	09/29/25 09:49	10/03/25 21:24	1
Xylenes, Total	0.0030	U	0.0030	0.00026	mg/Kg	☼	09/29/25 09:49	10/03/25 21:24	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,2-Dichloroethane-d4 (Surr)	*108*		*65 - 138*	*09/29/25 09:49*	*10/03/25 21:24*	*1*
4-Bromofluorobenzene	*94*		*71 - 128*	*09/29/25 09:49*	*10/03/25 21:24*	*1*
Dibromofluoromethane (Surr)	*96*		*50 - 150*	*09/29/25 09:49*	*10/03/25 21:24*	*1*
Toluene-d8 (Surr)	*102*		*71 - 126*	*09/29/25 09:49*	*10/03/25 21:24*	*1*

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Percent Moisture (EPA Moisture)	**13.6**		1.0	1.0	%			09/28/25 21:11	1
Percent Solids (EPA Moisture)	**86.4**		1.0	1.0	%			09/28/25 21:11	1

Client Sample ID: 58C1_7-8

Lab Sample ID: 460-335806-40

Date Collected: 09/26/25 11:35
Matrix: Solid
Date Received: 09/26/25 16:20
Percent Solids: 90.1

Method: SW846 8260D - Volatile Organic Compounds by GC/MS

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1-Trichloroethane	0.00079	U	0.00079	0.00018	mg/Kg	☼	09/29/25 09:50	10/03/25 21:49	1
1,1,2,2-Tetrachloroethane	0.00079	U	0.00079	0.00041	mg/Kg	☼	09/29/25 09:50	10/03/25 21:49	1
1,1,2-Trichloro-1,2,2-trifluoroethane	0.00079	U	0.00079	0.00024	mg/Kg	☼	09/29/25 09:50	10/03/25 21:49	1
1,1,2-Trichloroethane	0.00079	U	0.00079	0.00048	mg/Kg	☼	09/29/25 09:50	10/03/25 21:49	1
1,1-Dichloroethane	0.00079	U	0.00079	0.00047	mg/Kg	☼	09/29/25 09:50	10/03/25 21:49	1
1,1-Dichloroethene	0.00079	U	0.00079	0.00018	mg/Kg	☼	09/29/25 09:50	10/03/25 21:49	1
1,2,3-Trichlorobenzene	0.00079	U	0.00079	0.00058	mg/Kg	☼	09/29/25 09:50	10/03/25 21:49	1
1,2,4-Trichlorobenzene	0.00079	U	0.00079	0.00028	mg/Kg	☼	09/29/25 09:50	10/03/25 21:49	1
1,2,4-Trimethylbenzene	0.00079	U	0.00079	0.00019	mg/Kg	☼	09/29/25 09:50	10/03/25 21:49	1
1,2-Dibromo-3-Chloropropane	0.00079	U	0.00079	0.00036	mg/Kg	☼	09/29/25 09:50	10/03/25 21:49	1
1,2-Dichlorobenzene	0.00079	U	0.00079	0.00029	mg/Kg	☼	09/29/25 09:50	10/03/25 21:49	1
1,2-Dichloroethane	0.00079	U	0.00079	0.00023	mg/Kg	☼	09/29/25 09:50	10/03/25 21:49	1
1,2-Dichloropropane	0.00079	U	0.00079	0.00033	mg/Kg	☼	09/29/25 09:50	10/03/25 21:49	1
1,3,5-Trimethylbenzene	0.00079	U	0.00079	0.00025	mg/Kg	☼	09/29/25 09:50	10/03/25 21:49	1
1,3-Dichlorobenzene	0.00079	U	0.00079	0.00029	mg/Kg	☼	09/29/25 09:50	10/03/25 21:49	1
1,4-Dichlorobenzene	0.00079	U	0.00079	0.00041	mg/Kg	☼	09/29/25 09:50	10/03/25 21:49	1
2-Butanone (MEK)	0.0040	U	0.0040	0.00029	mg/Kg	☼	09/29/25 09:50	10/03/25 21:49	1
2-Hexanone	0.0040	U	0.0040	0.0014	mg/Kg	☼	09/29/25 09:50	10/03/25 21:49	1
4-Methyl-2-pentanone (MIBK)	0.0040	U	0.0040	0.0012	mg/Kg	☼	09/29/25 09:50	10/03/25 21:49	1
Acetone	0.0047	U	0.0047	0.0045	mg/Kg	☼	09/29/25 09:50	10/03/25 21:49	1
Benzene	0.00079	U	0.00079	0.00045	mg/Kg	☼	09/29/25 09:50	10/03/25 21:49	1
Bromoform	0.00079	U *	0.00079	0.00034	mg/Kg	☼	09/29/25 09:50	10/03/25 21:49	1
Bromomethane	0.0016	U	0.0016	0.00079	mg/Kg	☼	09/29/25 09:50	10/03/25 21:49	1

Client Sample ID: 58C1_7-8

Date Collected: 09/26/25 11:35
Date Received: 09/26/25 16:20

Lab Sample ID: 460-335806-40

Matrix: Solid
Percent Solids: 90.1

Method: SW846 8260D - Volatile Organic Compounds by GC/MS (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Carbon disulfide	0.00079	U	0.00079	0.00021	mg/Kg	☼	09/29/25 09:50	10/03/25 21:49	1
Carbon tetrachloride	0.00079	U	0.00079	0.00031	mg/Kg	☼	09/29/25 09:50	10/03/25 21:49	1
Chlorobenzene	0.00079	U	0.00079	0.00040	mg/Kg	☼	09/29/25 09:50	10/03/25 21:49	1
Chlorobromomethane	0.00079	U	0.00079	0.00047	mg/Kg	☼	09/29/25 09:50	10/03/25 21:49	1
Chlorodibromomethane	0.00079	U *	0.00079	0.00042	mg/Kg	☼	09/29/25 09:50	10/03/25 21:49	1
Chloroethane	0.00079	U	0.00079	0.00041	mg/Kg	☼	09/29/25 09:50	10/03/25 21:49	1
Chloroform	0.00079	U	0.00079	0.00077	mg/Kg	☼	09/29/25 09:50	10/03/25 21:49	1
Chloromethane	0.00079	U	0.00079	0.00034	mg/Kg	☼	09/29/25 09:50	10/03/25 21:49	1
cis-1,2-Dichloroethene	0.00079	U	0.00079	0.00028	mg/Kg	☼	09/29/25 09:50	10/03/25 21:49	1
cis-1,3-Dichloropropene	0.00079	U	0.00079	0.00022	mg/Kg	☼	09/29/25 09:50	10/03/25 21:49	1
Cyclohexane	0.00079	U	0.00079	0.00017	mg/Kg	☼	09/29/25 09:50	10/03/25 21:49	1
Dichlorobromomethane	0.00079	U	0.00079	0.00020	mg/Kg	☼	09/29/25 09:50	10/03/25 21:49	1
Dichlorodifluoromethane	0.00079	U	0.00079	0.00027	mg/Kg	☼	09/29/25 09:50	10/03/25 21:49	1
Ethylbenzene	0.00079	U	0.00079	0.00037	mg/Kg	☼	09/29/25 09:50	10/03/25 21:49	1
Ethylene Dibromide	0.00079	U	0.00079	0.00040	mg/Kg	☼	09/29/25 09:50	10/03/25 21:49	1
Isopropylbenzene	0.00079	U	0.00079	0.00023	mg/Kg	☼	09/29/25 09:50	10/03/25 21:49	1
Methyl acetate	0.0040	U *	0.0040	0.0034	mg/Kg	☼	09/29/25 09:50	10/03/25 21:49	1
Methyl tert-butyl ether	0.00079	U	0.00079	0.00041	mg/Kg	☼	09/29/25 09:50	10/03/25 21:49	1
Methylcyclohexane	0.00079	U	0.00079	0.00039	mg/Kg	☼	09/29/25 09:50	10/03/25 21:49	1
Methylene Chloride	0.0016	U	0.0016	0.00091	mg/Kg	☼	09/29/25 09:50	10/03/25 21:49	1
m-Xylene & p-Xylene	0.00079	U	0.00079	0.00033	mg/Kg	☼	09/29/25 09:50	10/03/25 21:49	1
n-Butylbenzene	0.00079	U	0.00079	0.00023	mg/Kg	☼	09/29/25 09:50	10/03/25 21:49	1
N-Propylbenzene	0.00079	U	0.00079	0.00036	mg/Kg	☼	09/29/25 09:50	10/03/25 21:49	1
o-Xylene	0.00079	U	0.00079	0.00036	mg/Kg	☼	09/29/25 09:50	10/03/25 21:49	1
sec-Butylbenzene	0.00079	U	0.00079	0.00023	mg/Kg	☼	09/29/25 09:50	10/03/25 21:49	1
Styrene	0.00079	U	0.00079	0.00022	mg/Kg	☼	09/29/25 09:50	10/03/25 21:49	1
tert-Butylbenzene	0.00079	U	0.00079	0.00022	mg/Kg	☼	09/29/25 09:50	10/03/25 21:49	1
Tetrachloroethene	0.00079	U	0.00079	0.00024	mg/Kg	☼	09/29/25 09:50	10/03/25 21:49	1
Toluene	0.00079	U	0.00079	0.00019	mg/Kg	☼	09/29/25 09:50	10/03/25 21:49	1
trans-1,2-Dichloroethene	0.00079	U	0.00079	0.00019	mg/Kg	☼	09/29/25 09:50	10/03/25 21:49	1
trans-1,3-Dichloropropene	0.00079	U	0.00079	0.00021	mg/Kg	☼	09/29/25 09:50	10/03/25 21:49	1
Trichloroethene	0.00079	U	0.00079	0.00025	mg/Kg	☼	09/29/25 09:50	10/03/25 21:49	1
Trichlorofluoromethane	0.00079	U	0.00079	0.00032	mg/Kg	☼	09/29/25 09:50	10/03/25 21:49	1
Vinyl chloride	0.00079	U	0.00079	0.00043	mg/Kg	☼	09/29/25 09:50	10/03/25 21:49	1
Xylenes, Total	0.0016	U	0.0016	0.00014	mg/Kg	☼	09/29/25 09:50	10/03/25 21:49	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,2-Dichloroethane-d4 (Surr)	*108*		*65 - 138*	*09/29/25 09:50*	*10/03/25 21:49*	*1*
4-Bromofluorobenzene	*93*		*71 - 128*	*09/29/25 09:50*	*10/03/25 21:49*	*1*
Dibromofluoromethane (Surr)	*96*		*50 - 150*	*09/29/25 09:50*	*10/03/25 21:49*	*1*
Toluene-d8 (Surr)	*100*		*71 - 126*	*09/29/25 09:50*	*10/03/25 21:49*	*1*

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Percent Moisture (EPA Moisture)	**9.9**		1.0	1.0	%			09/28/25 21:11	1
Percent Solids (EPA Moisture)	**90.1**		1.0	1.0	%			09/28/25 21:11	1

Client Sample ID: 58C3_8-9
Date Collected: 09/26/25 11:40
Date Received: 09/26/25 16:20

Lab Sample ID: 460-335806-41
Matrix: Solid
Percent Solids: 85.5

Method: SW846 8260D - Volatile Organic Compounds by GC/MS

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1-Trichloroethane	0.00089	U	0.00089	0.00021	mg/Kg	☼	09/29/25 09:50	10/03/25 22:15	1
1,1,2,2-Tetrachloroethane	0.00089	U	0.00089	0.00046	mg/Kg	☼	09/29/25 09:50	10/03/25 22:15	1
1,1,2-Trichloro-1,2,2-trifluoroethane	0.00089	U	0.00089	0.00027	mg/Kg	☼	09/29/25 09:50	10/03/25 22:15	1
1,1,2-Trichloroethane	0.00089	U	0.00089	0.00053	mg/Kg	☼	09/29/25 09:50	10/03/25 22:15	1
1,1-Dichloroethane	0.00089	U	0.00089	0.00053	mg/Kg	☼	09/29/25 09:50	10/03/25 22:15	1
1,1-Dichloroethene	0.00089	U	0.00089	0.00020	mg/Kg	☼	09/29/25 09:50	10/03/25 22:15	1
1,2,3-Trichlorobenzene	0.00089	U	0.00089	0.00065	mg/Kg	☼	09/29/25 09:50	10/03/25 22:15	1
1,2,4-Trichlorobenzene	0.00089	U	0.00089	0.00032	mg/Kg	☼	09/29/25 09:50	10/03/25 22:15	1
1,2,4-Trimethylbenzene	0.00089	U	0.00089	0.00022	mg/Kg	☼	09/29/25 09:50	10/03/25 22:15	1
1,2-Dibromo-3-Chloropropane	0.00089	U	0.00089	0.00041	mg/Kg	☼	09/29/25 09:50	10/03/25 22:15	1
1,2-Dichlorobenzene	0.00089	U	0.00089	0.00032	mg/Kg	☼	09/29/25 09:50	10/03/25 22:15	1
1,2-Dichloroethane	0.00089	U	0.00089	0.00026	mg/Kg	☼	09/29/25 09:50	10/03/25 22:15	1
1,2-Dichloropropane	0.00089	U	0.00089	0.00038	mg/Kg	☼	09/29/25 09:50	10/03/25 22:15	1
1,3,5-Trimethylbenzene	0.00089	U	0.00089	0.00028	mg/Kg	☼	09/29/25 09:50	10/03/25 22:15	1
1,3-Dichlorobenzene	0.00089	U	0.00089	0.00032	mg/Kg	☼	09/29/25 09:50	10/03/25 22:15	1
1,4-Dichlorobenzene	0.00089	U	0.00089	0.00046	mg/Kg	☼	09/29/25 09:50	10/03/25 22:15	1
2-Butanone (MEK)	0.0044	U	0.0044	0.00033	mg/Kg	☼	09/29/25 09:50	10/03/25 22:15	1
2-Hexanone	0.0044	U	0.0044	0.0015	mg/Kg	☼	09/29/25 09:50	10/03/25 22:15	1
4-Methyl-2-pentanone (MIBK)	0.0044	U	0.0044	0.0014	mg/Kg	☼	09/29/25 09:50	10/03/25 22:15	1
Acetone	0.0053	U	0.0053	0.0051	mg/Kg	☼	09/29/25 09:50	10/03/25 22:15	1
Benzene	0.00089	U	0.00089	0.00050	mg/Kg	☼	09/29/25 09:50	10/03/25 22:15	1
Bromoform	0.00089	U *	0.00089	0.00038	mg/Kg	☼	09/29/25 09:50	10/03/25 22:15	1
Bromomethane	0.0018	U	0.0018	0.00089	mg/Kg	☼	09/29/25 09:50	10/03/25 22:15	1
Carbon disulfide	0.00089	U	0.00089	0.00024	mg/Kg	☼	09/29/25 09:50	10/03/25 22:15	1
Carbon tetrachloride	0.00089	U	0.00089	0.00034	mg/Kg	☼	09/29/25 09:50	10/03/25 22:15	1
Chlorobenzene	0.00089	U	0.00089	0.00045	mg/Kg	☼	09/29/25 09:50	10/03/25 22:15	1
Chlorobromomethane	0.00089	U	0.00089	0.00053	mg/Kg	☼	09/29/25 09:50	10/03/25 22:15	1
Chlorodibromomethane	0.00089	U *	0.00089	0.00048	mg/Kg	☼	09/29/25 09:50	10/03/25 22:15	1
Chloroethane	0.00089	U	0.00089	0.00046	mg/Kg	☼	09/29/25 09:50	10/03/25 22:15	1
Chloroform	0.00089	U	0.00089	0.00086	mg/Kg	☼	09/29/25 09:50	10/03/25 22:15	1
Chloromethane	0.00089	U	0.00089	0.00039	mg/Kg	☼	09/29/25 09:50	10/03/25 22:15	1
cis-1,2-Dichloroethene	0.00089	U	0.00089	0.00032	mg/Kg	☼	09/29/25 09:50	10/03/25 22:15	1
cis-1,3-Dichloropropene	0.00089	U	0.00089	0.00024	mg/Kg	☼	09/29/25 09:50	10/03/25 22:15	1
Cyclohexane	0.00089	U	0.00089	0.00020	mg/Kg	☼	09/29/25 09:50	10/03/25 22:15	1
Dichlorobromomethane	0.00089	U	0.00089	0.00023	mg/Kg	☼	09/29/25 09:50	10/03/25 22:15	1
Dichlorodifluoromethane	0.00089	U	0.00089	0.00030	mg/Kg	☼	09/29/25 09:50	10/03/25 22:15	1
Ethylbenzene	0.00089	U	0.00089	0.00042	mg/Kg	☼	09/29/25 09:50	10/03/25 22:15	1
Ethylene Dibromide	0.00089	U	0.00089	0.00045	mg/Kg	☼	09/29/25 09:50	10/03/25 22:15	1
Isopropylbenzene	0.00089	U	0.00089	0.00025	mg/Kg	☼	09/29/25 09:50	10/03/25 22:15	1
Methyl acetate	0.0044	U *	0.0044	0.0038	mg/Kg	☼	09/29/25 09:50	10/03/25 22:15	1
Methyl tert-butyl ether	0.00089	U	0.00089	0.00045	mg/Kg	☼	09/29/25 09:50	10/03/25 22:15	1
Methylcyclohexane	0.00089	U	0.00089	0.00044	mg/Kg	☼	09/29/25 09:50	10/03/25 22:15	1
Methylene Chloride	0.0018	U	0.0018	0.0010	mg/Kg	☼	09/29/25 09:50	10/03/25 22:15	1
m-Xylene & p-Xylene	0.00089	U	0.00089	0.00038	mg/Kg	☼	09/29/25 09:50	10/03/25 22:15	1
n-Butylbenzene	0.00089	U	0.00089	0.00026	mg/Kg	☼	09/29/25 09:50	10/03/25 22:15	1
N-Propylbenzene	0.00089	U	0.00089	0.00040	mg/Kg	☼	09/29/25 09:50	10/03/25 22:15	1
o-Xylene	0.00089	U	0.00089	0.00041	mg/Kg	☼	09/29/25 09:50	10/03/25 22:15	1
sec-Butylbenzene	0.00089	U	0.00089	0.00026	mg/Kg	☼	09/29/25 09:50	10/03/25 22:15	1
Styrene	0.00089	U	0.00089	0.00025	mg/Kg	☼	09/29/25 09:50	10/03/25 22:15	1

Client Sample ID: 58C3_8-9

Lab Sample ID: 460-335806-41

Date Collected: 09/26/25 11:40
Matrix: Solid
Date Received: 09/26/25 16:20
Percent Solids: 85.5

Method: SW846 8260D - Volatile Organic Compounds by GC/MS (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
tert-Butylbenzene	0.00089	U	0.00089	0.00024	mg/Kg	☼	09/29/25 09:50	10/03/25 22:15	1
Tetrachloroethene	0.00089	U	0.00089	0.00027	mg/Kg	☼	09/29/25 09:50	10/03/25 22:15	1
Toluene	0.00089	U	0.00089	0.00021	mg/Kg	☼	09/29/25 09:50	10/03/25 22:15	1
trans-1,2-Dichloroethene	0.00089	U	0.00089	0.00022	mg/Kg	☼	09/29/25 09:50	10/03/25 22:15	1
trans-1,3-Dichloropropene	0.00089	U	0.00089	0.00024	mg/Kg	☼	09/29/25 09:50	10/03/25 22:15	1
Trichloroethene	0.00089	U	0.00089	0.00028	mg/Kg	☼	09/29/25 09:50	10/03/25 22:15	1
Trichlorofluoromethane	0.00089	U	0.00089	0.00036	mg/Kg	☼	09/29/25 09:50	10/03/25 22:15	1
Vinyl chloride	0.00089	U	0.00089	0.00048	mg/Kg	☼	09/29/25 09:50	10/03/25 22:15	1
Xylenes, Total	0.0018	U	0.0018	0.00015	mg/Kg	☼	09/29/25 09:50	10/03/25 22:15	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,2-Dichloroethane-d4 (Surr)	*105*		*65 - 138*	*09/29/25 09:50*	*10/03/25 22:15*	*1*
4-Bromofluorobenzene	*91*		*71 - 128*	*09/29/25 09:50*	*10/03/25 22:15*	*1*
Dibromofluoromethane (Surr)	*95*		*50 - 150*	*09/29/25 09:50*	*10/03/25 22:15*	*1*
Toluene-d8 (Surr)	*99*		*71 - 126*	*09/29/25 09:50*	*10/03/25 22:15*	*1*

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Percent Moisture (EPA Moisture)	**14.5**		1.0	1.0	%			09/28/25 21:11	1
Percent Solids (EPA Moisture)	**85.5**		1.0	1.0	%			09/28/25 21:11	1

Client Sample ID: 58D1_1-2

Lab Sample ID: 460-335806-42

Date Collected: 09/26/25 11:42
Matrix: Solid
Date Received: 09/26/25 16:20
Percent Solids: 95.6

Method: SW846 8260D - Volatile Organic Compounds by GC/MS

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1-Trichloroethane	0.0017	U	0.0017	0.00039	mg/Kg	☼	09/29/25 09:50	10/03/25 22:39	1
1,1,2,2-Tetrachloroethane	0.0017	U	0.0017	0.00086	mg/Kg	☼	09/29/25 09:50	10/03/25 22:39	1
1,1,2-Trichloro-1,2,2-trifluoroethane	0.0017	U	0.0017	0.00050	mg/Kg	☼	09/29/25 09:50	10/03/25 22:39	1
1,1,2-Trichloroethane	0.0017	U	0.0017	0.0010	mg/Kg	☼	09/29/25 09:50	10/03/25 22:39	1
1,1-Dichloroethane	0.0017	U	0.0017	0.00099	mg/Kg	☼	09/29/25 09:50	10/03/25 22:39	1
1,1-Dichloroethene	0.0017	U	0.0017	0.00037	mg/Kg	☼	09/29/25 09:50	10/03/25 22:39	1
1,2,3-Trichlorobenzene	0.0017	U	0.0017	0.0012	mg/Kg	☼	09/29/25 09:50	10/03/25 22:39	1
1,2,4-Trichlorobenzene	0.0017	U	0.0017	0.00059	mg/Kg	☼	09/29/25 09:50	10/03/25 22:39	1
1,2,4-Trimethylbenzene	0.0017	U	0.0017	0.00041	mg/Kg	☼	09/29/25 09:50	10/03/25 22:39	1
1,2-Dibromo-3-Chloropropane	0.0017	U	0.0017	0.00076	mg/Kg	☼	09/29/25 09:50	10/03/25 22:39	1
1,2-Dichlorobenzene	0.0017	U	0.0017	0.00060	mg/Kg	☼	09/29/25 09:50	10/03/25 22:39	1
1,2-Dichloroethane	0.0017	U	0.0017	0.00049	mg/Kg	☼	09/29/25 09:50	10/03/25 22:39	1
1,2-Dichloropropane	0.0017	U	0.0017	0.00070	mg/Kg	☼	09/29/25 09:50	10/03/25 22:39	1
1,3,5-Trimethylbenzene	0.0017	U	0.0017	0.00052	mg/Kg	☼	09/29/25 09:50	10/03/25 22:39	1
1,3-Dichlorobenzene	0.0017	U	0.0017	0.00060	mg/Kg	☼	09/29/25 09:50	10/03/25 22:39	1
1,4-Dichlorobenzene	0.0017	U	0.0017	0.00086	mg/Kg	☼	09/29/25 09:50	10/03/25 22:39	1
2-Butanone (MEK)	0.0083	U	0.0083	0.00061	mg/Kg	☼	09/29/25 09:50	10/03/25 22:39	1
2-Hexanone	0.0083	U	0.0083	0.0028	mg/Kg	☼	09/29/25 09:50	10/03/25 22:39	1
4-Methyl-2-pentanone (MIBK)	0.0083	U	0.0083	0.0026	mg/Kg	☼	09/29/25 09:50	10/03/25 22:39	1
Acetone	0.0099	U	0.0099	0.0095	mg/Kg	☼	09/29/25 09:50	10/03/25 22:39	1
Benzene	0.0017	U	0.0017	0.00094	mg/Kg	☼	09/29/25 09:50	10/03/25 22:39	1
Bromoform	0.0017	U *	0.0017	0.00070	mg/Kg	☼	09/29/25 09:50	10/03/25 22:39	1
Bromomethane	0.0033	U	0.0033	0.0017	mg/Kg	☼	09/29/25 09:50	10/03/25 22:39	1

Client Sample ID: 58D1_1-2
Date Collected: 09/26/25 11:42
Date Received: 09/26/25 16:20

Lab Sample ID: 460-335806-42
Matrix: Solid
Percent Solids: 95.6

Method: SW846 8260D - Volatile Organic Compounds by GC/MS (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Carbon disulfide	0.0017	U	0.0017	0.00044	mg/Kg	☼	09/29/25 09:50	10/03/25 22:39	1
Carbon tetrachloride	0.0017	U	0.0017	0.00064	mg/Kg	☼	09/29/25 09:50	10/03/25 22:39	1
Chlorobenzene	0.0017	U	0.0017	0.00084	mg/Kg	☼	09/29/25 09:50	10/03/25 22:39	1
Chlorobromomethane	0.0017	U	0.0017	0.00099	mg/Kg	☼	09/29/25 09:50	10/03/25 22:39	1
Chlorodibromomethane	0.0017	U *	0.0017	0.00089	mg/Kg	☼	09/29/25 09:50	10/03/25 22:39	1
Chloroethane	0.0017	U	0.0017	0.00086	mg/Kg	☼	09/29/25 09:50	10/03/25 22:39	1
Chloroform	0.0017	U	0.0017	0.0016	mg/Kg	☼	09/29/25 09:50	10/03/25 22:39	1
Chloromethane	0.0017	U	0.0017	0.00072	mg/Kg	☼	09/29/25 09:50	10/03/25 22:39	1
cis-1,2-Dichloroethene	0.0017	U	0.0017	0.00059	mg/Kg	☼	09/29/25 09:50	10/03/25 22:39	1
cis-1,3-Dichloropropene	0.0017	U	0.0017	0.00045	mg/Kg	☼	09/29/25 09:50	10/03/25 22:39	1
Cyclohexane	0.0017	U	0.0017	0.00037	mg/Kg	☼	09/29/25 09:50	10/03/25 22:39	1
Dichlorobromomethane	0.0017	U	0.0017	0.00043	mg/Kg	☼	09/29/25 09:50	10/03/25 22:39	1
Dichlorodifluoromethane	0.0017	U	0.0017	0.00056	mg/Kg	☼	09/29/25 09:50	10/03/25 22:39	1
Ethylbenzene	0.0017	U	0.0017	0.00078	mg/Kg	☼	09/29/25 09:50	10/03/25 22:39	1
Ethylene Dibromide	0.0017	U	0.0017	0.00083	mg/Kg	☼	09/29/25 09:50	10/03/25 22:39	1
Isopropylbenzene	0.0017	U	0.0017	0.00047	mg/Kg	☼	09/29/25 09:50	10/03/25 22:39	1
Methyl acetate	0.0083	U *	0.0083	0.0071	mg/Kg	☼	09/29/25 09:50	10/03/25 22:39	1
Methyl tert-butyl ether	0.0017	U	0.0017	0.00085	mg/Kg	☼	09/29/25 09:50	10/03/25 22:39	1
Methylcyclohexane	0.0017	U	0.0017	0.00083	mg/Kg	☼	09/29/25 09:50	10/03/25 22:39	1
Methylene Chloride	**0.0035**		0.0033	0.0019	mg/Kg	☼	09/29/25 09:50	10/03/25 22:39	1
m-Xylene & p-Xylene	0.0017	U	0.0017	0.00070	mg/Kg	☼	09/29/25 09:50	10/03/25 22:39	1
n-Butylbenzene	0.0017	U	0.0017	0.00049	mg/Kg	☼	09/29/25 09:50	10/03/25 22:39	1
N-Propylbenzene	0.0017	U	0.0017	0.00074	mg/Kg	☼	09/29/25 09:50	10/03/25 22:39	1
o-Xylene	0.0017	U	0.0017	0.00076	mg/Kg	☼	09/29/25 09:50	10/03/25 22:39	1
sec-Butylbenzene	0.0017	U	0.0017	0.00048	mg/Kg	☼	09/29/25 09:50	10/03/25 22:39	1
Styrene	0.0017	U	0.0017	0.00046	mg/Kg	☼	09/29/25 09:50	10/03/25 22:39	1
tert-Butylbenzene	0.0017	U	0.0017	0.00046	mg/Kg	☼	09/29/25 09:50	10/03/25 22:39	1
Tetrachloroethene	0.0017	U	0.0017	0.00051	mg/Kg	☼	09/29/25 09:50	10/03/25 22:39	1
Toluene	0.0017	U	0.0017	0.00039	mg/Kg	☼	09/29/25 09:50	10/03/25 22:39	1
trans-1,2-Dichloroethene	0.0017	U	0.0017	0.00041	mg/Kg	☼	09/29/25 09:50	10/03/25 22:39	1
trans-1,3-Dichloropropene	0.0017	U	0.0017	0.00044	mg/Kg	☼	09/29/25 09:50	10/03/25 22:39	1
Trichloroethene	0.0017	U	0.0017	0.00053	mg/Kg	☼	09/29/25 09:50	10/03/25 22:39	1
Trichlorofluoromethane	0.0017	U	0.0017	0.00067	mg/Kg	☼	09/29/25 09:50	10/03/25 22:39	1
Vinyl chloride	0.0017	U	0.0017	0.00090	mg/Kg	☼	09/29/25 09:50	10/03/25 22:39	1
Xylenes, Total	0.0033	U	0.0033	0.00029	mg/Kg	☼	09/29/25 09:50	10/03/25 22:39	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,2-Dichloroethane-d4 (Surr)	*108*		*65 - 138*	*09/29/25 09:50*	*10/03/25 22:39*	*1*
4-Bromofluorobenzene	*92*		*71 - 128*	*09/29/25 09:50*	*10/03/25 22:39*	*1*
Dibromofluoromethane (Surr)	*96*		*50 - 150*	*09/29/25 09:50*	*10/03/25 22:39*	*1*
Toluene-d8 (Surr)	*99*		*71 - 126*	*09/29/25 09:50*	*10/03/25 22:39*	*1*

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Percent Moisture (EPA Moisture)	**4.4**		1.0	1.0	%			09/28/25 21:11	1
Percent Solids (EPA Moisture)	**95.6**		1.0	1.0	%			09/28/25 21:11	1

Client: Haley & Aldrich, Inc.
Project/Site: Former Port Mobil

Job ID: 460-335806-1

Client Sample ID: 58D2_2-3
Date Collected: 09/26/25 11:45
Date Received: 09/26/25 16:20

Lab Sample ID: 460-335806-43
Matrix: Solid
Percent Solids: 95.1

Method: SW846 8260D - Volatile Organic Compounds by GC/MS

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1-Trichloroethane	0.0016	U	0.0016	0.00037	mg/Kg	☼	09/29/25 09:51	10/03/25 23:04	1
1,1,2,2-Tetrachloroethane	0.0016	U	0.0016	0.00082	mg/Kg	☼	09/29/25 09:51	10/03/25 23:04	1
1,1,2-Trichloro-1,2,2-trifluoroethane	0.0016	U	0.0016	0.00047	mg/Kg	☼	09/29/25 09:51	10/03/25 23:04	1
1,1,2-Trichloroethane	0.0016	U	0.0016	0.00094	mg/Kg	☼	09/29/25 09:51	10/03/25 23:04	1
1,1-Dichloroethane	0.0016	U	0.0016	0.00094	mg/Kg	☼	09/29/25 09:51	10/03/25 23:04	1
1,1-Dichloroethene	0.0016	U	0.0016	0.00035	mg/Kg	☼	09/29/25 09:51	10/03/25 23:04	1
1,2,3-Trichlorobenzene	0.0016	U	0.0016	0.0012	mg/Kg	☼	09/29/25 09:51	10/03/25 23:04	1
1,2,4-Trichlorobenzene	0.0016	U	0.0016	0.00056	mg/Kg	☼	09/29/25 09:51	10/03/25 23:04	1
1,2,4-Trimethylbenzene	0.0016	U	0.0016	0.00039	mg/Kg	☼	09/29/25 09:51	10/03/25 23:04	1
1,2-Dibromo-3-Chloropropane	0.0016	U	0.0016	0.00072	mg/Kg	☼	09/29/25 09:51	10/03/25 23:04	1
1,2-Dichlorobenzene	0.0016	U	0.0016	0.00057	mg/Kg	☼	09/29/25 09:51	10/03/25 23:04	1
1,2-Dichloroethane	0.0016	U	0.0016	0.00046	mg/Kg	☼	09/29/25 09:51	10/03/25 23:04	1
1,2-Dichloropropane	0.0016	U	0.0016	0.00066	mg/Kg	☼	09/29/25 09:51	10/03/25 23:04	1
1,3,5-Trimethylbenzene	0.0016	U	0.0016	0.00049	mg/Kg	☼	09/29/25 09:51	10/03/25 23:04	1
1,3-Dichlorobenzene	0.0016	U	0.0016	0.00057	mg/Kg	☼	09/29/25 09:51	10/03/25 23:04	1
1,4-Dichlorobenzene	0.0016	U	0.0016	0.00081	mg/Kg	☼	09/29/25 09:51	10/03/25 23:04	1
2-Butanone (MEK)	0.0078	U	0.0078	0.00058	mg/Kg	☼	09/29/25 09:51	10/03/25 23:04	1
2-Hexanone	0.0078	U	0.0078	0.0027	mg/Kg	☼	09/29/25 09:51	10/03/25 23:04	1
4-Methyl-2-pentanone (MIBK)	0.0078	U	0.0078	0.0024	mg/Kg	☼	09/29/25 09:51	10/03/25 23:04	1
Acetone	0.0094	U	0.0094	0.0090	mg/Kg	☼	09/29/25 09:51	10/03/25 23:04	1
Benzene	0.0016	U	0.0016	0.00089	mg/Kg	☼	09/29/25 09:51	10/03/25 23:04	1
Bromoform	0.0016	U *	0.0016	0.00067	mg/Kg	☼	09/29/25 09:51	10/03/25 23:04	1
Bromomethane	0.0031	U	0.0031	0.0016	mg/Kg	☼	09/29/25 09:51	10/03/25 23:04	1
Carbon disulfide	0.0016	U	0.0016	0.00042	mg/Kg	☼	09/29/25 09:51	10/03/25 23:04	1
Carbon tetrachloride	0.0016	U	0.0016	0.00061	mg/Kg	☼	09/29/25 09:51	10/03/25 23:04	1
Chlorobenzene	0.0016	U	0.0016	0.00080	mg/Kg	☼	09/29/25 09:51	10/03/25 23:04	1
Chlorobromomethane	0.0016	U	0.0016	0.00094	mg/Kg	☼	09/29/25 09:51	10/03/25 23:04	1
Chlorodibromomethane	0.0016	U *	0.0016	0.00084	mg/Kg	☼	09/29/25 09:51	10/03/25 23:04	1
Chloroethane	0.0016	U	0.0016	0.00082	mg/Kg	☼	09/29/25 09:51	10/03/25 23:04	1
Chloroform	0.0016	U	0.0016	0.0015	mg/Kg	☼	09/29/25 09:51	10/03/25 23:04	1
Chloromethane	0.0016	U	0.0016	0.00068	mg/Kg	☼	09/29/25 09:51	10/03/25 23:04	1
cis-1,2-Dichloroethene	0.0016	U	0.0016	0.00056	mg/Kg	☼	09/29/25 09:51	10/03/25 23:04	1
cis-1,3-Dichloropropene	0.0016	U	0.0016	0.00043	mg/Kg	☼	09/29/25 09:51	10/03/25 23:04	1
Cyclohexane	0.0016	U	0.0016	0.00035	mg/Kg	☼	09/29/25 09:51	10/03/25 23:04	1
Dichlorobromomethane	0.0016	U	0.0016	0.00040	mg/Kg	☼	09/29/25 09:51	10/03/25 23:04	1
Dichlorodifluoromethane	0.0016	U	0.0016	0.00053	mg/Kg	☼	09/29/25 09:51	10/03/25 23:04	1
Ethylbenzene	0.0016	U	0.0016	0.00073	mg/Kg	☼	09/29/25 09:51	10/03/25 23:04	1
Ethylene Dibromide	0.0016	U	0.0016	0.00079	mg/Kg	☼	09/29/25 09:51	10/03/25 23:04	1
Isopropylbenzene	0.0016	U	0.0016	0.00045	mg/Kg	☼	09/29/25 09:51	10/03/25 23:04	1
Methyl acetate	0.0078	U *	0.0078	0.0067	mg/Kg	☼	09/29/25 09:51	10/03/25 23:04	1
Methyl tert-butyl ether	0.0016	U	0.0016	0.00080	mg/Kg	☼	09/29/25 09:51	10/03/25 23:04	1
Methylcyclohexane	0.0016	U	0.0016	0.00078	mg/Kg	☼	09/29/25 09:51	10/03/25 23:04	1
Methylene Chloride	0.0031	U	0.0031	0.0018	mg/Kg	☼	09/29/25 09:51	10/03/25 23:04	1
m-Xylene & p-Xylene	0.0016	U	0.0016	0.00066	mg/Kg	☼	09/29/25 09:51	10/03/25 23:04	1
n-Butylbenzene	0.0016	U	0.0016	0.00046	mg/Kg	☼	09/29/25 09:51	10/03/25 23:04	1
N-Propylbenzene	0.0016	U	0.0016	0.00070	mg/Kg	☼	09/29/25 09:51	10/03/25 23:04	1
o-Xylene	0.0016	U	0.0016	0.00072	mg/Kg	☼	09/29/25 09:51	10/03/25 23:04	1
sec-Butylbenzene	0.0016	U	0.0016	0.00045	mg/Kg	☼	09/29/25 09:51	10/03/25 23:04	1
Styrene	0.0016	U	0.0016	0.00044	mg/Kg	☼	09/29/25 09:51	10/03/25 23:04	1

Client Sample ID: 58D2_2-3

Lab Sample ID: 460-335806-43

Date Collected: 09/26/25 11:45
Matrix: Solid
Date Received: 09/26/25 16:20
Percent Solids: 95.1

Method: SW846 8260D - Volatile Organic Compounds by GC/MS (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
tert-Butylbenzene	0.0016	U	0.0016	0.00043	mg/Kg	☼	09/29/25 09:51	10/03/25 23:04	1
Tetrachloroethene	0.0016	U	0.0016	0.00048	mg/Kg	☼	09/29/25 09:51	10/03/25 23:04	1
Toluene	0.0016	U	0.0016	0.00037	mg/Kg	☼	09/29/25 09:51	10/03/25 23:04	1
trans-1,2-Dichloroethene	0.0016	U	0.0016	0.00039	mg/Kg	☼	09/29/25 09:51	10/03/25 23:04	1
trans-1,3-Dichloropropene	0.0016	U	0.0016	0.00042	mg/Kg	☼	09/29/25 09:51	10/03/25 23:04	1
Trichloroethene	0.0016	U	0.0016	0.00050	mg/Kg	☼	09/29/25 09:51	10/03/25 23:04	1
Trichlorofluoromethane	0.0016	U	0.0016	0.00064	mg/Kg	☼	09/29/25 09:51	10/03/25 23:04	1
Vinyl chloride	0.0016	U	0.0016	0.00086	mg/Kg	☼	09/29/25 09:51	10/03/25 23:04	1
Xylenes, Total	0.0031	U	0.0031	0.00027	mg/Kg	☼	09/29/25 09:51	10/03/25 23:04	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,2-Dichloroethane-d4 (Surr)	*104*		*65 - 138*	*09/29/25 09:51*	*10/03/25 23:04*	*1*
4-Bromofluorobenzene	*91*		*71 - 128*	*09/29/25 09:51*	*10/03/25 23:04*	*1*
Dibromofluoromethane (Surr)	*95*		*50 - 150*	*09/29/25 09:51*	*10/03/25 23:04*	*1*
Toluene-d8 (Surr)	*100*		*71 - 126*	*09/29/25 09:51*	*10/03/25 23:04*	*1*

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Percent Moisture (EPA Moisture)	**4.9**		1.0	1.0	%			09/28/25 21:11	1
Percent Solids (EPA Moisture)	**95.1**		1.0	1.0	%			09/28/25 21:11	1

Client Sample ID: 58D3_4-5

Lab Sample ID: 460-335806-44

Date Collected: 09/26/25 11:50
Matrix: Solid
Date Received: 09/26/25 16:20
Percent Solids: 93.4

Method: SW846 8260D - Volatile Organic Compounds by GC/MS

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1-Trichloroethane	0.0020	U	0.0020	0.00047	mg/Kg	☼	09/29/25 09:51	10/03/25 23:28	1
1,1,2,2-Tetrachloroethane	0.0020	U	0.0020	0.0011	mg/Kg	☼	09/29/25 09:51	10/03/25 23:28	1
1,1,2-Trichloro-1,2,2-trifluoroethane	0.0020	U	0.0020	0.00061	mg/Kg	☼	09/29/25 09:51	10/03/25 23:28	1
1,1,2-Trichloroethane	0.0020	U	0.0020	0.0012	mg/Kg	☼	09/29/25 09:51	10/03/25 23:28	1
1,1-Dichloroethane	0.0020	U	0.0020	0.0012	mg/Kg	☼	09/29/25 09:51	10/03/25 23:28	1
1,1-Dichloroethene	0.0020	U	0.0020	0.00046	mg/Kg	☼	09/29/25 09:51	10/03/25 23:28	1
1,2,3-Trichlorobenzene	0.0020	U	0.0020	0.0015	mg/Kg	☼	09/29/25 09:51	10/03/25 23:28	1
1,2,4-Trichlorobenzene	0.0020	U	0.0020	0.00073	mg/Kg	☼	09/29/25 09:51	10/03/25 23:28	1
1,2,4-Trimethylbenzene	0.0020	U	0.0020	0.00050	mg/Kg	☼	09/29/25 09:51	10/03/25 23:28	1
1,2-Dibromo-3-Chloropropane	0.0020	U	0.0020	0.00094	mg/Kg	☼	09/29/25 09:51	10/03/25 23:28	1
1,2-Dichlorobenzene	0.0020	U	0.0020	0.00074	mg/Kg	☼	09/29/25 09:51	10/03/25 23:28	1
1,2-Dichloroethane	0.0020	U	0.0020	0.00060	mg/Kg	☼	09/29/25 09:51	10/03/25 23:28	1
1,2-Dichloropropane	0.0020	U	0.0020	0.00086	mg/Kg	☼	09/29/25 09:51	10/03/25 23:28	1
1,3,5-Trimethylbenzene	0.0020	U	0.0020	0.00064	mg/Kg	☼	09/29/25 09:51	10/03/25 23:28	1
1,3-Dichlorobenzene	0.0020	U	0.0020	0.00074	mg/Kg	☼	09/29/25 09:51	10/03/25 23:28	1
1,4-Dichlorobenzene	0.0020	U	0.0020	0.0011	mg/Kg	☼	09/29/25 09:51	10/03/25 23:28	1
2-Butanone (MEK)	0.010	U	0.010	0.00075	mg/Kg	☼	09/29/25 09:51	10/03/25 23:28	1
2-Hexanone	0.010	U	0.010	0.0035	mg/Kg	☼	09/29/25 09:51	10/03/25 23:28	1
4-Methyl-2-pentanone (MIBK)	0.010	U	0.010	0.0032	mg/Kg	☼	09/29/25 09:51	10/03/25 23:28	1
Acetone	0.012	U	0.012	0.012	mg/Kg	☼	09/29/25 09:51	10/03/25 23:28	1
Benzene	0.0020	U	0.0020	0.0012	mg/Kg	☼	09/29/25 09:51	10/03/25 23:28	1
Bromoform	0.0020	U *	0.0020	0.00087	mg/Kg	☼	09/29/25 09:51	10/03/25 23:28	1
Bromomethane	0.0041	U	0.0041	0.0020	mg/Kg	☼	09/29/25 09:51	10/03/25 23:28	1

Client Sample ID: 58D3_4-5
Date Collected: 09/26/25 11:50
Date Received: 09/26/25 16:20

Lab Sample ID: 460-335806-44
Matrix: Solid
Percent Solids: 93.4

Method: SW846 8260D - Volatile Organic Compounds by GC/MS (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Carbon disulfide	0.0020	U	0.0020	0.00054	mg/Kg	☼	09/29/25 09:51	10/03/25 23:28	1
Carbon tetrachloride	0.0020	U	0.0020	0.00079	mg/Kg	☼	09/29/25 09:51	10/03/25 23:28	1
Chlorobenzene	0.0020	U	0.0020	0.0010	mg/Kg	☼	09/29/25 09:51	10/03/25 23:28	1
Chlorobromomethane	0.0020	U	0.0020	0.0012	mg/Kg	☼	09/29/25 09:51	10/03/25 23:28	1
Chlorodibromomethane	0.0020	U *	0.0020	0.0011	mg/Kg	☼	09/29/25 09:51	10/03/25 23:28	1
Chloroethane	0.0020	U	0.0020	0.0011	mg/Kg	☼	09/29/25 09:51	10/03/25 23:28	1
Chloroform	0.0020	U	0.0020	0.0020	mg/Kg	☼	09/29/25 09:51	10/03/25 23:28	1
Chloromethane	0.0020	U	0.0020	0.00089	mg/Kg	☼	09/29/25 09:51	10/03/25 23:28	1
cis-1,2-Dichloroethene	0.0020	U	0.0020	0.00073	mg/Kg	☼	09/29/25 09:51	10/03/25 23:28	1
cis-1,3-Dichloropropene	0.0020	U	0.0020	0.00056	mg/Kg	☼	09/29/25 09:51	10/03/25 23:28	1
Cyclohexane	0.0020	U	0.0020	0.00045	mg/Kg	☼	09/29/25 09:51	10/03/25 23:28	1
Dichlorobromomethane	0.0020	U	0.0020	0.00052	mg/Kg	☼	09/29/25 09:51	10/03/25 23:28	1
Dichlorodifluoromethane	0.0020	U	0.0020	0.00069	mg/Kg	☼	09/29/25 09:51	10/03/25 23:28	1
Ethylbenzene	0.0020	U	0.0020	0.00095	mg/Kg	☼	09/29/25 09:51	10/03/25 23:28	1
Ethylene Dibromide	0.0020	U	0.0020	0.0010	mg/Kg	☼	09/29/25 09:51	10/03/25 23:28	1
Isopropylbenzene	0.0020	U	0.0020	0.00058	mg/Kg	☼	09/29/25 09:51	10/03/25 23:28	1
Methyl acetate	0.010	U *	0.010	0.0088	mg/Kg	☼	09/29/25 09:51	10/03/25 23:28	1
Methyl tert-butyl ether	0.0020	U	0.0020	0.0010	mg/Kg	☼	09/29/25 09:51	10/03/25 23:28	1
Methylcyclohexane	0.0020	U	0.0020	0.0010	mg/Kg	☼	09/29/25 09:51	10/03/25 23:28	1
Methylene Chloride	**0.0054**		0.0041	0.0023	mg/Kg	☼	09/29/25 09:51	10/03/25 23:28	1
m-Xylene & p-Xylene	0.0020	U	0.0020	0.00086	mg/Kg	☼	09/29/25 09:51	10/03/25 23:28	1
n-Butylbenzene	0.0020	U	0.0020	0.00060	mg/Kg	☼	09/29/25 09:51	10/03/25 23:28	1
N-Propylbenzene	0.0020	U	0.0020	0.00092	mg/Kg	☼	09/29/25 09:51	10/03/25 23:28	1
o-Xylene	0.0020	U	0.0020	0.00094	mg/Kg	☼	09/29/25 09:51	10/03/25 23:28	1
sec-Butylbenzene	0.0020	U	0.0020	0.00059	mg/Kg	☼	09/29/25 09:51	10/03/25 23:28	1
Styrene	0.0020	U	0.0020	0.00057	mg/Kg	☼	09/29/25 09:51	10/03/25 23:28	1
tert-Butylbenzene	0.0020	U	0.0020	0.00056	mg/Kg	☼	09/29/25 09:51	10/03/25 23:28	1
Tetrachloroethene	0.0020	U	0.0020	0.00062	mg/Kg	☼	09/29/25 09:51	10/03/25 23:28	1
Toluene	0.0020	U	0.0020	0.00048	mg/Kg	☼	09/29/25 09:51	10/03/25 23:28	1
trans-1,2-Dichloroethene	0.0020	U	0.0020	0.00050	mg/Kg	☼	09/29/25 09:51	10/03/25 23:28	1
trans-1,3-Dichloropropene	0.0020	U	0.0020	0.00054	mg/Kg	☼	09/29/25 09:51	10/03/25 23:28	1
Trichloroethene	0.0020	U	0.0020	0.00065	mg/Kg	☼	09/29/25 09:51	10/03/25 23:28	1
Trichlorofluoromethane	0.0020	U	0.0020	0.00083	mg/Kg	☼	09/29/25 09:51	10/03/25 23:28	1
Vinyl chloride	0.0020	U	0.0020	0.0011	mg/Kg	☼	09/29/25 09:51	10/03/25 23:28	1
Xylenes, Total	0.0041	U	0.0041	0.00035	mg/Kg	☼	09/29/25 09:51	10/03/25 23:28	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,2-Dichloroethane-d4 (Surr)	*106*		*65 - 138*	*09/29/25 09:51*	*10/03/25 23:28*	*1*
4-Bromofluorobenzene	*92*		*71 - 128*	*09/29/25 09:51*	*10/03/25 23:28*	*1*
Dibromofluoromethane (Surr)	*97*		*50 - 150*	*09/29/25 09:51*	*10/03/25 23:28*	*1*
Toluene-d8 (Surr)	*100*		*71 - 126*	*09/29/25 09:51*	*10/03/25 23:28*	*1*

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Percent Moisture (EPA Moisture)	**6.6**		1.0	1.0	%			09/28/25 21:11	1
Percent Solids (EPA Moisture)	**93.4**		1.0	1.0	%			09/28/25 21:11	1

Client: Haley & Aldrich, Inc.
Project/Site: Former Port Mobil

Job ID: 460-335806-1

Client Sample ID: 58D1_5-6
Date Collected: 09/26/25 11:55
Date Received: 09/26/25 16:20

Lab Sample ID: 460-335806-45
Matrix: Solid
Percent Solids: 93.1

Method: SW846 8260D - Volatile Organic Compounds by GC/MS

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1-Trichloroethane	0.0014	U	0.0014	0.00032	mg/Kg	☼	09/29/25 10:07	10/03/25 23:57	1
1,1,2,2-Tetrachloroethane	0.0014	U	0.0014	0.00072	mg/Kg	☼	09/29/25 10:07	10/03/25 23:57	1
1,1,2-Trichloro-1,2,2-trifluoroethane	0.0014	U	0.0014	0.00042	mg/Kg	☼	09/29/25 10:07	10/03/25 23:57	1
1,1,2-Trichloroethane	0.0014	U	0.0014	0.00083	mg/Kg	☼	09/29/25 10:07	10/03/25 23:57	1
1,1-Dichloroethane	0.0014	U	0.0014	0.00083	mg/Kg	☼	09/29/25 10:07	10/03/25 23:57	1
1,1-Dichloroethene	0.0014	U	0.0014	0.00031	mg/Kg	☼	09/29/25 10:07	10/03/25 23:57	1
1,2,3-Trichlorobenzene	0.0014	U	0.0014	0.0010	mg/Kg	☼	09/29/25 10:07	10/03/25 23:57	1
1,2,4-Trichlorobenzene	0.0014	U	0.0014	0.00050	mg/Kg	☼	09/29/25 10:07	10/03/25 23:57	1
1,2,4-Trimethylbenzene	0.0014	U	0.0014	0.00034	mg/Kg	☼	09/29/25 10:07	10/03/25 23:57	1
1,2-Dibromo-3-Chloropropane	0.0014	U	0.0014	0.00064	mg/Kg	☼	09/29/25 10:07	10/03/25 23:57	1
1,2-Dichlorobenzene	0.0014	U	0.0014	0.00050	mg/Kg	☼	09/29/25 10:07	10/03/25 23:57	1
1,2-Dichloroethane	0.0014	U	0.0014	0.00041	mg/Kg	☼	09/29/25 10:07	10/03/25 23:57	1
1,2-Dichloropropane	0.0014	U	0.0014	0.00059	mg/Kg	☼	09/29/25 10:07	10/03/25 23:57	1
1,3,5-Trimethylbenzene	0.0014	U	0.0014	0.00044	mg/Kg	☼	09/29/25 10:07	10/03/25 23:57	1
1,3-Dichlorobenzene	0.0014	U	0.0014	0.00051	mg/Kg	☼	09/29/25 10:07	10/03/25 23:57	1
1,4-Dichlorobenzene	0.0014	U	0.0014	0.00072	mg/Kg	☼	09/29/25 10:07	10/03/25 23:57	1
2-Butanone (MEK)	0.0069	U	0.0069	0.00051	mg/Kg	☼	09/29/25 10:07	10/03/25 23:57	1
2-Hexanone	0.0069	U	0.0069	0.0024	mg/Kg	☼	09/29/25 10:07	10/03/25 23:57	1
4-Methyl-2-pentanone (MIBK)	0.0069	U	0.0069	0.0022	mg/Kg	☼	09/29/25 10:07	10/03/25 23:57	1
Acetone	0.0083	U	0.0083	0.0079	mg/Kg	☼	09/29/25 10:07	10/03/25 23:57	1
Benzene	0.0014	U	0.0014	0.00079	mg/Kg	☼	09/29/25 10:07	10/03/25 23:57	1
Bromoform	0.0014	U *	0.0014	0.00059	mg/Kg	☼	09/29/25 10:07	10/03/25 23:57	1
Bromomethane	0.0028	U	0.0028	0.0014	mg/Kg	☼	09/29/25 10:07	10/03/25 23:57	1
Carbon disulfide	0.0014	U	0.0014	0.00037	mg/Kg	☼	09/29/25 10:07	10/03/25 23:57	1
Carbon tetrachloride	0.0014	U	0.0014	0.00054	mg/Kg	☼	09/29/25 10:07	10/03/25 23:57	1
Chlorobenzene	0.0014	U	0.0014	0.00070	mg/Kg	☼	09/29/25 10:07	10/03/25 23:57	1
Chlorobromomethane	0.0014	U	0.0014	0.00083	mg/Kg	☼	09/29/25 10:07	10/03/25 23:57	1
Chlorodibromomethane	0.0014	U *	0.0014	0.00075	mg/Kg	☼	09/29/25 10:07	10/03/25 23:57	1
Chloroethane	0.0014	U	0.0014	0.00072	mg/Kg	☼	09/29/25 10:07	10/03/25 23:57	1
Chloroform	0.0014	U	0.0014	0.0013	mg/Kg	☼	09/29/25 10:07	10/03/25 23:57	1
Chloromethane	0.0014	U	0.0014	0.00060	mg/Kg	☼	09/29/25 10:07	10/03/25 23:57	1
cis-1,2-Dichloroethene	0.0014	U	0.0014	0.00050	mg/Kg	☼	09/29/25 10:07	10/03/25 23:57	1
cis-1,3-Dichloropropene	0.0014	U	0.0014	0.00038	mg/Kg	☼	09/29/25 10:07	10/03/25 23:57	1
Cyclohexane	0.0014	U	0.0014	0.00031	mg/Kg	☼	09/29/25 10:07	10/03/25 23:57	1
Dichlorobromomethane	0.0014	U	0.0014	0.00036	mg/Kg	☼	09/29/25 10:07	10/03/25 23:57	1
Dichlorodifluoromethane	0.0014	U	0.0014	0.00047	mg/Kg	☼	09/29/25 10:07	10/03/25 23:57	1
Ethylbenzene	0.0014	U	0.0014	0.00065	mg/Kg	☼	09/29/25 10:07	10/03/25 23:57	1
Ethylene Dibromide	0.0014	U	0.0014	0.00070	mg/Kg	☼	09/29/25 10:07	10/03/25 23:57	1
Isopropylbenzene	0.0014	U	0.0014	0.00040	mg/Kg	☼	09/29/25 10:07	10/03/25 23:57	1
Methyl acetate	0.0069	U *	0.0069	0.0060	mg/Kg	☼	09/29/25 10:07	10/03/25 23:57	1
Methyl tert-butyl ether	0.0014	U	0.0014	0.00071	mg/Kg	☼	09/29/25 10:07	10/03/25 23:57	1
Methylcyclohexane	0.0014	U	0.0014	0.00069	mg/Kg	☼	09/29/25 10:07	10/03/25 23:57	1
Methylene Chloride	**0.0034**		0.0028	0.0016	mg/Kg	☼	09/29/25 10:07	10/03/25 23:57	1
m-Xylene & p-Xylene	0.0014	U	0.0014	0.00059	mg/Kg	☼	09/29/25 10:07	10/03/25 23:57	1
n-Butylbenzene	0.0014	U	0.0014	0.00041	mg/Kg	☼	09/29/25 10:07	10/03/25 23:57	1
N-Propylbenzene	0.0014	U	0.0014	0.00062	mg/Kg	☼	09/29/25 10:07	10/03/25 23:57	1
o-Xylene	0.0014	U	0.0014	0.00064	mg/Kg	☼	09/29/25 10:07	10/03/25 23:57	1
sec-Butylbenzene	0.0014	U	0.0014	0.00040	mg/Kg	☼	09/29/25 10:07	10/03/25 23:57	1
Styrene	0.0014	U	0.0014	0.00039	mg/Kg	☼	09/29/25 10:07	10/03/25 23:57	1

Client Sample ID: 58D1_5-6

Lab Sample ID: 460-335806-45

Date Collected: 09/26/25 11:55
Matrix: Solid
Date Received: 09/26/25 16:20
Percent Solids: 93.1

Method: SW846 8260D - Volatile Organic Compounds by GC/MS (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
tert-Butylbenzene	0.0014	U	0.0014	0.00038	mg/Kg	☼	09/29/25 10:07	10/03/25 23:57	1
Tetrachloroethene	0.0014	U	0.0014	0.00042	mg/Kg	☼	09/29/25 10:07	10/03/25 23:57	1
Toluene	0.0014	U	0.0014	0.00032	mg/Kg	☼	09/29/25 10:07	10/03/25 23:57	1
trans-1,2-Dichloroethene	0.0014	U	0.0014	0.00034	mg/Kg	☼	09/29/25 10:07	10/03/25 23:57	1
trans-1,3-Dichloropropene	0.0014	U	0.0014	0.00037	mg/Kg	☼	09/29/25 10:07	10/03/25 23:57	1
Trichloroethene	0.0014	U	0.0014	0.00045	mg/Kg	☼	09/29/25 10:07	10/03/25 23:57	1
Trichlorofluoromethane	0.0014	U	0.0014	0.00056	mg/Kg	☼	09/29/25 10:07	10/03/25 23:57	1
Vinyl chloride	0.0014	U	0.0014	0.00076	mg/Kg	☼	09/29/25 10:07	10/03/25 23:57	1
Xylenes, Total	0.0028	U	0.0028	0.00024	mg/Kg	☼	09/29/25 10:07	10/03/25 23:57	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,2-Dichloroethane-d4 (Surr)	*110*		*65 - 138*	*09/29/25 10:07*	*10/03/25 23:57*	*1*
4-Bromofluorobenzene	*95*		*71 - 128*	*09/29/25 10:07*	*10/03/25 23:57*	*1*
Dibromofluoromethane (Surr)	*98*		*50 - 150*	*09/29/25 10:07*	*10/03/25 23:57*	*1*
Toluene-d8 (Surr)	*100*		*71 - 126*	*09/29/25 10:07*	*10/03/25 23:57*	*1*

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Percent Moisture (EPA Moisture)	**6.9**		1.0	1.0	%			09/28/25 21:11	1
Percent Solids (EPA Moisture)	**93.1**		1.0	1.0	%			09/28/25 21:11	1

Client Sample ID: 58D2_6-7

Lab Sample ID: 460-335806-46

Date Collected: 09/26/25 12:00
Matrix: Solid
Date Received: 09/26/25 16:20
Percent Solids: 93.5

Method: SW846 8260D - Volatile Organic Compounds by GC/MS

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1-Trichloroethane	0.0015	U	0.0015	0.00035	mg/Kg	☼	09/29/25 10:07	10/04/25 00:22	1
1,1,2,2-Tetrachloroethane	0.0015	U	0.0015	0.00078	mg/Kg	☼	09/29/25 10:07	10/04/25 00:22	1
1,1,2-Trichloro-1,2,2-trifluoroethane	0.0015	U	0.0015	0.00045	mg/Kg	☼	09/29/25 10:07	10/04/25 00:22	1
1,1,2-Trichloroethane	0.0015	U	0.0015	0.00090	mg/Kg	☼	09/29/25 10:07	10/04/25 00:22	1
1,1-Dichloroethane	0.0015	U	0.0015	0.00089	mg/Kg	☼	09/29/25 10:07	10/04/25 00:22	1
1,1-Dichloroethene	0.0015	U	0.0015	0.00034	mg/Kg	☼	09/29/25 10:07	10/04/25 00:22	1
1,2,3-Trichlorobenzene	0.0015	U	0.0015	0.0011	mg/Kg	☼	09/29/25 10:07	10/04/25 00:22	1
1,2,4-Trichlorobenzene	0.0015	U	0.0015	0.00053	mg/Kg	☼	09/29/25 10:07	10/04/25 00:22	1
1,2,4-Trimethylbenzene	0.0015	U	0.0015	0.00037	mg/Kg	☼	09/29/25 10:07	10/04/25 00:22	1
1,2-Dibromo-3-Chloropropane	0.0015	U	0.0015	0.00069	mg/Kg	☼	09/29/25 10:07	10/04/25 00:22	1
1,2-Dichlorobenzene	0.0015	U	0.0015	0.00054	mg/Kg	☼	09/29/25 10:07	10/04/25 00:22	1
1,2-Dichloroethane	0.0015	U	0.0015	0.00044	mg/Kg	☼	09/29/25 10:07	10/04/25 00:22	1
1,2-Dichloropropane	0.0015	U	0.0015	0.00063	mg/Kg	☼	09/29/25 10:07	10/04/25 00:22	1
1,3,5-Trimethylbenzene	0.0015	U	0.0015	0.00047	mg/Kg	☼	09/29/25 10:07	10/04/25 00:22	1
1,3-Dichlorobenzene	0.0015	U	0.0015	0.00054	mg/Kg	☼	09/29/25 10:07	10/04/25 00:22	1
1,4-Dichlorobenzene	0.0015	U	0.0015	0.00077	mg/Kg	☼	09/29/25 10:07	10/04/25 00:22	1
2-Butanone (MEK)	0.0075	U	0.0075	0.00055	mg/Kg	☼	09/29/25 10:07	10/04/25 00:22	1
2-Hexanone	0.0075	U	0.0075	0.0025	mg/Kg	☼	09/29/25 10:07	10/04/25 00:22	1
4-Methyl-2-pentanone (MIBK)	0.0075	U	0.0075	0.0023	mg/Kg	☼	09/29/25 10:07	10/04/25 00:22	1
Acetone	0.0089	U	0.0089	0.0085	mg/Kg	☼	09/29/25 10:07	10/04/25 00:22	1
Benzene	0.0015	U	0.0015	0.00084	mg/Kg	☼	09/29/25 10:07	10/04/25 00:22	1
Bromoform	0.0015	U *	0.0015	0.00063	mg/Kg	☼	09/29/25 10:07	10/04/25 00:22	1
Bromomethane	0.0030	U	0.0030	0.0015	mg/Kg	☼	09/29/25 10:07	10/04/25 00:22	1

Client Sample ID: 58D2_6-7

Date Collected: 09/26/25 12:00
Date Received: 09/26/25 16:20

Lab Sample ID: 460-335806-46

Matrix: Solid
Percent Solids: 93.5

Method: SW846 8260D - Volatile Organic Compounds by GC/MS (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Carbon disulfide	0.0015	U	0.0015	0.00040	mg/Kg	☼	09/29/25 10:07	10/04/25 00:22	1
Carbon tetrachloride	0.0015	U	0.0015	0.00058	mg/Kg	☼	09/29/25 10:07	10/04/25 00:22	1
Chlorobenzene	0.0015	U	0.0015	0.00076	mg/Kg	☼	09/29/25 10:07	10/04/25 00:22	1
Chlorobromomethane	0.0015	U	0.0015	0.00089	mg/Kg	☼	09/29/25 10:07	10/04/25 00:22	1
Chlorodibromomethane	0.0015	U *	0.0015	0.00080	mg/Kg	☼	09/29/25 10:07	10/04/25 00:22	1
Chloroethane	0.0015	U	0.0015	0.00078	mg/Kg	☼	09/29/25 10:07	10/04/25 00:22	1
Chloroform	0.0015	U	0.0015	0.0014	mg/Kg	☼	09/29/25 10:07	10/04/25 00:22	1
Chloromethane	0.0015	U	0.0015	0.00065	mg/Kg	☼	09/29/25 10:07	10/04/25 00:22	1
cis-1,2-Dichloroethene	0.0015	U	0.0015	0.00053	mg/Kg	☼	09/29/25 10:07	10/04/25 00:22	1
cis-1,3-Dichloropropene	0.0015	U	0.0015	0.00041	mg/Kg	☼	09/29/25 10:07	10/04/25 00:22	1
Cyclohexane	0.0015	U	0.0015	0.00033	mg/Kg	☼	09/29/25 10:07	10/04/25 00:22	1
Dichlorobromomethane	0.0015	U	0.0015	0.00038	mg/Kg	☼	09/29/25 10:07	10/04/25 00:22	1
Dichlorodifluoromethane	0.0015	U	0.0015	0.00050	mg/Kg	☼	09/29/25 10:07	10/04/25 00:22	1
Ethylbenzene	0.0015	U	0.0015	0.00070	mg/Kg	☼	09/29/25 10:07	10/04/25 00:22	1
Ethylene Dibromide	0.0015	U	0.0015	0.00075	mg/Kg	☼	09/29/25 10:07	10/04/25 00:22	1
Isopropylbenzene	0.0015	U	0.0015	0.00042	mg/Kg	☼	09/29/25 10:07	10/04/25 00:22	1
Methyl acetate	0.0075	U *	0.0075	0.0064	mg/Kg	☼	09/29/25 10:07	10/04/25 00:22	1
Methyl tert-butyl ether	0.0015	U	0.0015	0.00076	mg/Kg	☼	09/29/25 10:07	10/04/25 00:22	1
Methylcyclohexane	0.0015	U	0.0015	0.00074	mg/Kg	☼	09/29/25 10:07	10/04/25 00:22	1
Methylene Chloride	**0.0043**		0.0030	0.0017	mg/Kg	☼	09/29/25 10:07	10/04/25 00:22	1
m-Xylene & p-Xylene	0.0015	U	0.0015	0.00063	mg/Kg	☼	09/29/25 10:07	10/04/25 00:22	1
n-Butylbenzene	0.0015	U	0.0015	0.00044	mg/Kg	☼	09/29/25 10:07	10/04/25 00:22	1
N-Propylbenzene	0.0015	U	0.0015	0.00067	mg/Kg	☼	09/29/25 10:07	10/04/25 00:22	1
o-Xylene	0.0015	U	0.0015	0.00069	mg/Kg	☼	09/29/25 10:07	10/04/25 00:22	1
sec-Butylbenzene	0.0015	U	0.0015	0.00043	mg/Kg	☼	09/29/25 10:07	10/04/25 00:22	1
Styrene	0.0015	U	0.0015	0.00041	mg/Kg	☼	09/29/25 10:07	10/04/25 00:22	1
tert-Butylbenzene	0.0015	U	0.0015	0.00041	mg/Kg	☼	09/29/25 10:07	10/04/25 00:22	1
Tetrachloroethene	0.0015	U	0.0015	0.00045	mg/Kg	☼	09/29/25 10:07	10/04/25 00:22	1
Toluene	0.0015	U	0.0015	0.00035	mg/Kg	☼	09/29/25 10:07	10/04/25 00:22	1
trans-1,2-Dichloroethene	0.0015	U	0.0015	0.00037	mg/Kg	☼	09/29/25 10:07	10/04/25 00:22	1
trans-1,3-Dichloropropene	0.0015	U	0.0015	0.00040	mg/Kg	☼	09/29/25 10:07	10/04/25 00:22	1
Trichloroethene	0.0015	U	0.0015	0.00048	mg/Kg	☼	09/29/25 10:07	10/04/25 00:22	1
Trichlorofluoromethane	0.0015	U	0.0015	0.00060	mg/Kg	☼	09/29/25 10:07	10/04/25 00:22	1
Vinyl chloride	0.0015	U	0.0015	0.00081	mg/Kg	☼	09/29/25 10:07	10/04/25 00:22	1
Xylenes, Total	0.0030	U	0.0030	0.00026	mg/Kg	☼	09/29/25 10:07	10/04/25 00:22	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,2-Dichloroethane-d4 (Surr)	*106*		*65 - 138*	*09/29/25 10:07*	*10/04/25 00:22*	*1*
4-Bromofluorobenzene	*93*		*71 - 128*	*09/29/25 10:07*	*10/04/25 00:22*	*1*
Dibromofluoromethane (Surr)	*96*		*50 - 150*	*09/29/25 10:07*	*10/04/25 00:22*	*1*
Toluene-d8 (Surr)	*100*		*71 - 126*	*09/29/25 10:07*	*10/04/25 00:22*	*1*

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Percent Moisture (EPA Moisture)	**6.5**		1.0	1.0	%			09/28/25 21:11	1
Percent Solids (EPA Moisture)	**93.5**		1.0	1.0	%			09/28/25 21:11	1

Client: Haley & Aldrich, Inc.
Project/Site: Former Port Mobil

Job ID: 460-335806-1

Client Sample ID: 58D3_8-9
Date Collected: 09/26/25 12:05
Date Received: 09/26/25 16:20

Lab Sample ID: 460-335806-47
Matrix: Solid
Percent Solids: 89.5

Method: SW846 8260D - Volatile Organic Compounds by GC/MS

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1-Trichloroethane	0.0013	U	0.0013	0.00029	mg/Kg	☼	09/29/25 10:07	10/04/25 00:47	1
1,1,2,2-Tetrachloroethane	0.0013	U	0.0013	0.00065	mg/Kg	☼	09/29/25 10:07	10/04/25 00:47	1
1,1,2-Trichloro-1,2,2-trifluoroethane	0.0013	U	0.0013	0.00038	mg/Kg	☼	09/29/25 10:07	10/04/25 00:47	1
1,1,2-Trichloroethane	0.0013	U	0.0013	0.00075	mg/Kg	☼	09/29/25 10:07	10/04/25 00:47	1
1,1-Dichloroethane	0.0013	U	0.0013	0.00075	mg/Kg	☼	09/29/25 10:07	10/04/25 00:47	1
1,1-Dichloroethene	0.0013	U	0.0013	0.00028	mg/Kg	☼	09/29/25 10:07	10/04/25 00:47	1
1,2,3-Trichlorobenzene	0.0013	U	0.0013	0.00092	mg/Kg	☼	09/29/25 10:07	10/04/25 00:47	1
1,2,4-Trichlorobenzene	0.0013	U	0.0013	0.00045	mg/Kg	☼	09/29/25 10:07	10/04/25 00:47	1
1,2,4-Trimethylbenzene	0.0013	U	0.0013	0.00031	mg/Kg	☼	09/29/25 10:07	10/04/25 00:47	1
1,2-Dibromo-3-Chloropropane	0.0013	U	0.0013	0.00058	mg/Kg	☼	09/29/25 10:07	10/04/25 00:47	1
1,2-Dichlorobenzene	0.0013	U	0.0013	0.00045	mg/Kg	☼	09/29/25 10:07	10/04/25 00:47	1
1,2-Dichloroethane	0.0013	U	0.0013	0.00037	mg/Kg	☼	09/29/25 10:07	10/04/25 00:47	1
1,2-Dichloropropane	0.0013	U	0.0013	0.00053	mg/Kg	☼	09/29/25 10:07	10/04/25 00:47	1
1,3,5-Trimethylbenzene	0.0013	U	0.0013	0.00039	mg/Kg	☼	09/29/25 10:07	10/04/25 00:47	1
1,3-Dichlorobenzene	0.0013	U	0.0013	0.00046	mg/Kg	☼	09/29/25 10:07	10/04/25 00:47	1
1,4-Dichlorobenzene	0.0013	U	0.0013	0.00065	mg/Kg	☼	09/29/25 10:07	10/04/25 00:47	1
2-Butanone (MEK)	0.0063	U	0.0063	0.00046	mg/Kg	☼	09/29/25 10:07	10/04/25 00:47	1
2-Hexanone	0.0063	U	0.0063	0.0021	mg/Kg	☼	09/29/25 10:07	10/04/25 00:47	1
4-Methyl-2-pentanone (MIBK)	0.0063	U	0.0063	0.0019	mg/Kg	☼	09/29/25 10:07	10/04/25 00:47	1
Acetone	0.0075	U	0.0075	0.0072	mg/Kg	☼	09/29/25 10:07	10/04/25 00:47	1
Benzene	0.0013	U	0.0013	0.00071	mg/Kg	☼	09/29/25 10:07	10/04/25 00:47	1
Bromoform	0.0013	U *	0.0013	0.00053	mg/Kg	☼	09/29/25 10:07	10/04/25 00:47	1
Bromomethane	0.0025	U	0.0025	0.0013	mg/Kg	☼	09/29/25 10:07	10/04/25 00:47	1
Carbon disulfide	0.0013	U	0.0013	0.00033	mg/Kg	☼	09/29/25 10:07	10/04/25 00:47	1
Carbon tetrachloride	0.0013	U	0.0013	0.00048	mg/Kg	☼	09/29/25 10:07	10/04/25 00:47	1
Chlorobenzene	0.0013	U	0.0013	0.00063	mg/Kg	☼	09/29/25 10:07	10/04/25 00:47	1
Chlorobromomethane	0.0013	U	0.0013	0.00075	mg/Kg	☼	09/29/25 10:07	10/04/25 00:47	1
Chlorodibromomethane	0.0013	U *	0.0013	0.00067	mg/Kg	☼	09/29/25 10:07	10/04/25 00:47	1
Chloroethane	0.0013	U	0.0013	0.00065	mg/Kg	☼	09/29/25 10:07	10/04/25 00:47	1
Chloroform	0.0013	U	0.0013	0.0012	mg/Kg	☼	09/29/25 10:07	10/04/25 00:47	1
Chloromethane	0.0013	U	0.0013	0.00054	mg/Kg	☼	09/29/25 10:07	10/04/25 00:47	1
cis-1,2-Dichloroethene	0.0013	U	0.0013	0.00045	mg/Kg	☼	09/29/25 10:07	10/04/25 00:47	1
cis-1,3-Dichloropropene	0.0013	U	0.0013	0.00034	mg/Kg	☼	09/29/25 10:07	10/04/25 00:47	1
Cyclohexane	0.0013	U	0.0013	0.00028	mg/Kg	☼	09/29/25 10:07	10/04/25 00:47	1
Dichlorobromomethane	0.0013	U	0.0013	0.00032	mg/Kg	☼	09/29/25 10:07	10/04/25 00:47	1
Dichlorodifluoromethane	0.0013	U	0.0013	0.00042	mg/Kg	☼	09/29/25 10:07	10/04/25 00:47	1
Ethylbenzene	0.0013	U	0.0013	0.00059	mg/Kg	☼	09/29/25 10:07	10/04/25 00:47	1
Ethylene Dibromide	0.0013	U	0.0013	0.00063	mg/Kg	☼	09/29/25 10:07	10/04/25 00:47	1
Isopropylbenzene	0.0013	U	0.0013	0.00036	mg/Kg	☼	09/29/25 10:07	10/04/25 00:47	1
Methyl acetate	0.0063	U *	0.0063	0.0054	mg/Kg	☼	09/29/25 10:07	10/04/25 00:47	1
Methyl tert-butyl ether	0.0013	U	0.0013	0.00064	mg/Kg	☼	09/29/25 10:07	10/04/25 00:47	1
Methylcyclohexane	0.0013	U	0.0013	0.00062	mg/Kg	☼	09/29/25 10:07	10/04/25 00:47	1
Methylene Chloride	**0.0040**		0.0025	0.0014	mg/Kg	☼	09/29/25 10:07	10/04/25 00:47	1
m-Xylene & p-Xylene	0.0013	U	0.0013	0.00053	mg/Kg	☼	09/29/25 10:07	10/04/25 00:47	1
n-Butylbenzene	0.0013	U	0.0013	0.00037	mg/Kg	☼	09/29/25 10:07	10/04/25 00:47	1
N-Propylbenzene	0.0013	U	0.0013	0.00056	mg/Kg	☼	09/29/25 10:07	10/04/25 00:47	1
o-Xylene	0.0013	U	0.0013	0.00058	mg/Kg	☼	09/29/25 10:07	10/04/25 00:47	1
sec-Butylbenzene	0.0013	U	0.0013	0.00036	mg/Kg	☼	09/29/25 10:07	10/04/25 00:47	1
Styrene	0.0013	U	0.0013	0.00035	mg/Kg	☼	09/29/25 10:07	10/04/25 00:47	1

Client Sample ID: 58D3_8-9

Lab Sample ID: 460-335806-47

Date Collected: 09/26/25 12:05
Date Received: 09/26/25 16:20

Matrix: Solid
Percent Solids: 89.5

Method: SW846 8260D - Volatile Organic Compounds by GC/MS (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
tert-Butylbenzene	0.0013	U	0.0013	0.00035	mg/Kg	☼	09/29/25 10:07	10/04/25 00:47	1
Tetrachloroethene	0.0013	U	0.0013	0.00038	mg/Kg	☼	09/29/25 10:07	10/04/25 00:47	1
Toluene	0.0013	U	0.0013	0.00029	mg/Kg	☼	09/29/25 10:07	10/04/25 00:47	1
trans-1,2-Dichloroethene	0.0013	U	0.0013	0.00031	mg/Kg	☼	09/29/25 10:07	10/04/25 00:47	1
trans-1,3-Dichloropropene	0.0013	U	0.0013	0.00033	mg/Kg	☼	09/29/25 10:07	10/04/25 00:47	1
Trichloroethene	0.0013	U	0.0013	0.00040	mg/Kg	☼	09/29/25 10:07	10/04/25 00:47	1
Trichlorofluoromethane	0.0013	U	0.0013	0.00051	mg/Kg	☼	09/29/25 10:07	10/04/25 00:47	1
Vinyl chloride	0.0013	U	0.0013	0.00068	mg/Kg	☼	09/29/25 10:07	10/04/25 00:47	1
Xylenes, Total	0.0025	U	0.0025	0.00022	mg/Kg	☼	09/29/25 10:07	10/04/25 00:47	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,2-Dichloroethane-d4 (Surr)	*96*		*65 - 138*	*09/29/25 10:07*	*10/04/25 00:47*	*1*
4-Bromofluorobenzene	*92*		*71 - 128*	*09/29/25 10:07*	*10/04/25 00:47*	*1*
Dibromofluoromethane (Surr)	*95*		*50 - 150*	*09/29/25 10:07*	*10/04/25 00:47*	*1*
Toluene-d8 (Surr)	*100*		*71 - 126*	*09/29/25 10:07*	*10/04/25 00:47*	*1*

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Percent Moisture (EPA Moisture)	**10.5**		1.0	1.0	%			09/28/25 21:11	1
Percent Solids (EPA Moisture)	**89.5**		1.0	1.0	%			09/28/25 21:11	1

Client Sample ID: 58D3_9-10

Lab Sample ID: 460-335806-48

Date Collected: 09/26/25 12:10
Date Received: 09/26/25 16:20

Matrix: Solid
Percent Solids: 92.2

Method: SW846 8260D - Volatile Organic Compounds by GC/MS

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1-Trichloroethane	0.0018	U	0.0018	0.00042	mg/Kg	☼	09/29/25 10:08	10/04/25 01:12	1
1,1,2,2-Tetrachloroethane	0.0018	U	0.0018	0.00095	mg/Kg	☼	09/29/25 10:08	10/04/25 01:12	1
1,1,2-Trichloro-1,2,2-trifluoroethane	0.0018	U	0.0018	0.00055	mg/Kg	☼	09/29/25 10:08	10/04/25 01:12	1
1,1,2-Trichloroethane	0.0018	U	0.0018	0.0011	mg/Kg	☼	09/29/25 10:08	10/04/25 01:12	1
1,1-Dichloroethane	0.0018	U	0.0018	0.0011	mg/Kg	☼	09/29/25 10:08	10/04/25 01:12	1
1,1-Dichloroethene	0.0018	U	0.0018	0.00041	mg/Kg	☼	09/29/25 10:08	10/04/25 01:12	1
1,2,3-Trichlorobenzene	0.0018	U	0.0018	0.0013	mg/Kg	☼	09/29/25 10:08	10/04/25 01:12	1
1,2,4-Trichlorobenzene	0.0018	U	0.0018	0.00065	mg/Kg	☼	09/29/25 10:08	10/04/25 01:12	1
1,2,4-Trimethylbenzene	0.0018	U	0.0018	0.00045	mg/Kg	☼	09/29/25 10:08	10/04/25 01:12	1
1,2-Dibromo-3-Chloropropane	0.0018	U	0.0018	0.00084	mg/Kg	☼	09/29/25 10:08	10/04/25 01:12	1
1,2-Dichlorobenzene	0.0018	U	0.0018	0.00066	mg/Kg	☼	09/29/25 10:08	10/04/25 01:12	1
1,2-Dichloroethane	0.0018	U	0.0018	0.00054	mg/Kg	☼	09/29/25 10:08	10/04/25 01:12	1
1,2-Dichloropropane	0.0018	U	0.0018	0.00077	mg/Kg	☼	09/29/25 10:08	10/04/25 01:12	1
1,3,5-Trimethylbenzene	0.0018	U	0.0018	0.00057	mg/Kg	☼	09/29/25 10:08	10/04/25 01:12	1
1,3-Dichlorobenzene	0.0018	U	0.0018	0.00066	mg/Kg	☼	09/29/25 10:08	10/04/25 01:12	1
1,4-Dichlorobenzene	0.0018	U	0.0018	0.00095	mg/Kg	☼	09/29/25 10:08	10/04/25 01:12	1
2-Butanone (MEK)	0.0091	U	0.0091	0.00067	mg/Kg	☼	09/29/25 10:08	10/04/25 01:12	1
2-Hexanone	0.0091	U	0.0091	0.0031	mg/Kg	☼	09/29/25 10:08	10/04/25 01:12	1
4-Methyl-2-pentanone (MIBK)	0.0091	U	0.0091	0.0028	mg/Kg	☼	09/29/25 10:08	10/04/25 01:12	1
Acetone	0.011	U	0.011	0.010	mg/Kg	☼	09/29/25 10:08	10/04/25 01:12	1
Benzene	0.0018	U	0.0018	0.0010	mg/Kg	☼	09/29/25 10:08	10/04/25 01:12	1
Bromoform	0.0018	U *	0.0018	0.00077	mg/Kg	☼	09/29/25 10:08	10/04/25 01:12	1
Bromomethane	0.0036	U	0.0036	0.0018	mg/Kg	☼	09/29/25 10:08	10/04/25 01:12	1

Client Sample ID: 58D3_9-10
Date Collected: 09/26/25 12:10
Date Received: 09/26/25 16:20

Lab Sample ID: 460-335806-48
Matrix: Solid
Percent Solids: 92.2

Method: SW846 8260D - Volatile Organic Compounds by GC/MS (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Carbon disulfide	0.0018	U	0.0018	0.00048	mg/Kg	☼	09/29/25 10:08	10/04/25 01:12	1
Carbon tetrachloride	0.0018	U	0.0018	0.00071	mg/Kg	☼	09/29/25 10:08	10/04/25 01:12	1
Chlorobenzene	0.0018	U	0.0018	0.00092	mg/Kg	☼	09/29/25 10:08	10/04/25 01:12	1
Chlorobromomethane	0.0018	U	0.0018	0.0011	mg/Kg	☼	09/29/25 10:08	10/04/25 01:12	1
Chlorodibromomethane	0.0018	U *	0.0018	0.00098	mg/Kg	☼	09/29/25 10:08	10/04/25 01:12	1
Chloroethane	0.0018	U	0.0018	0.00095	mg/Kg	☼	09/29/25 10:08	10/04/25 01:12	1
Chloroform	0.0018	U	0.0018	0.0018	mg/Kg	☼	09/29/25 10:08	10/04/25 01:12	1
Chloromethane	0.0018	U	0.0018	0.00079	mg/Kg	☼	09/29/25 10:08	10/04/25 01:12	1
cis-1,2-Dichloroethene	0.0018	U	0.0018	0.00065	mg/Kg	☼	09/29/25 10:08	10/04/25 01:12	1
cis-1,3-Dichloropropene	0.0018	U	0.0018	0.00050	mg/Kg	☼	09/29/25 10:08	10/04/25 01:12	1
Cyclohexane	0.0018	U	0.0018	0.00040	mg/Kg	☼	09/29/25 10:08	10/04/25 01:12	1
Dichlorobromomethane	0.0018	U	0.0018	0.00047	mg/Kg	☼	09/29/25 10:08	10/04/25 01:12	1
Dichlorodifluoromethane	0.0018	U	0.0018	0.00062	mg/Kg	☼	09/29/25 10:08	10/04/25 01:12	1
Ethylbenzene	0.0018	U	0.0018	0.00085	mg/Kg	☼	09/29/25 10:08	10/04/25 01:12	1
Ethylene Dibromide	0.0018	U	0.0018	0.00092	mg/Kg	☼	09/29/25 10:08	10/04/25 01:12	1
Isopropylbenzene	0.0018	U	0.0018	0.00052	mg/Kg	☼	09/29/25 10:08	10/04/25 01:12	1
Methyl acetate	0.0091	U *	0.0091	0.0078	mg/Kg	☼	09/29/25 10:08	10/04/25 01:12	1
Methyl tert-butyl ether	0.0018	U	0.0018	0.00093	mg/Kg	☼	09/29/25 10:08	10/04/25 01:12	1
Methylcyclohexane	0.0018	U	0.0018	0.00091	mg/Kg	☼	09/29/25 10:08	10/04/25 01:12	1
Methylene Chloride	**0.0028**	**J**	0.0036	0.0021	mg/Kg	☼	09/29/25 10:08	10/04/25 01:12	1
m-Xylene & p-Xylene	0.0018	U	0.0018	0.00077	mg/Kg	☼	09/29/25 10:08	10/04/25 01:12	1
n-Butylbenzene	0.0018	U	0.0018	0.00054	mg/Kg	☼	09/29/25 10:08	10/04/25 01:12	1
N-Propylbenzene	0.0018	U	0.0018	0.00082	mg/Kg	☼	09/29/25 10:08	10/04/25 01:12	1
o-Xylene	0.0018	U	0.0018	0.00084	mg/Kg	☼	09/29/25 10:08	10/04/25 01:12	1
sec-Butylbenzene	0.0018	U	0.0018	0.00052	mg/Kg	☼	09/29/25 10:08	10/04/25 01:12	1
Styrene	0.0018	U	0.0018	0.00051	mg/Kg	☼	09/29/25 10:08	10/04/25 01:12	1
tert-Butylbenzene	0.0018	U	0.0018	0.00050	mg/Kg	☼	09/29/25 10:08	10/04/25 01:12	1
Tetrachloroethene	0.0018	U	0.0018	0.00056	mg/Kg	☼	09/29/25 10:08	10/04/25 01:12	1
Toluene	0.0018	U	0.0018	0.00043	mg/Kg	☼	09/29/25 10:08	10/04/25 01:12	1
trans-1,2-Dichloroethene	0.0018	U	0.0018	0.00045	mg/Kg	☼	09/29/25 10:08	10/04/25 01:12	1
trans-1,3-Dichloropropene	0.0018	U	0.0018	0.00048	mg/Kg	☼	09/29/25 10:08	10/04/25 01:12	1
Trichloroethene	0.0018	U	0.0018	0.00058	mg/Kg	☼	09/29/25 10:08	10/04/25 01:12	1
Trichlorofluoromethane	0.0018	U	0.0018	0.00074	mg/Kg	☼	09/29/25 10:08	10/04/25 01:12	1
Vinyl chloride	0.0018	U	0.0018	0.00099	mg/Kg	☼	09/29/25 10:08	10/04/25 01:12	1
Xylenes, Total	0.0036	U	0.0036	0.00032	mg/Kg	☼	09/29/25 10:08	10/04/25 01:12	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,2-Dichloroethane-d4 (Surr)	*107*		*65 - 138*	*09/29/25 10:08*	*10/04/25 01:12*	*1*
4-Bromofluorobenzene	*92*		*71 - 128*	*09/29/25 10:08*	*10/04/25 01:12*	*1*
Dibromofluoromethane (Surr)	*95*		*50 - 150*	*09/29/25 10:08*	*10/04/25 01:12*	*1*
Toluene-d8 (Surr)	*100*		*71 - 126*	*09/29/25 10:08*	*10/04/25 01:12*	*1*

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Percent Moisture (EPA Moisture)	**7.8**		1.0	1.0	%			09/28/25 21:11	1
Percent Solids (EPA Moisture)	**92.2**		1.0	1.0	%			09/28/25 21:11	1

Client Sample ID: 58E1_1-2
Date Collected: 09/26/25 12:15
Date Received: 09/26/25 16:20

Lab Sample ID: 460-335806-49
Matrix: Solid
Percent Solids: 93.4

Method: SW846 8260D - Volatile Organic Compounds by GC/MS

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1-Trichloroethane	0.0012	U	0.0012	0.00029	mg/Kg	☼	09/29/25 10:08	10/04/25 01:37	1
1,1,2,2-Tetrachloroethane	0.0012	U	0.0012	0.00064	mg/Kg	☼	09/29/25 10:08	10/04/25 01:37	1
1,1,2-Trichloro-1,2,2-trifluoroethane	0.0012	U	0.0012	0.00037	mg/Kg	☼	09/29/25 10:08	10/04/25 01:37	1
1,1,2-Trichloroethane	0.0012	U	0.0012	0.00074	mg/Kg	☼	09/29/25 10:08	10/04/25 01:37	1
1,1-Dichloroethane	0.0012	U	0.0012	0.00073	mg/Kg	☼	09/29/25 10:08	10/04/25 01:37	1
1,1-Dichloroethene	0.0012	U	0.0012	0.00028	mg/Kg	☼	09/29/25 10:08	10/04/25 01:37	1
1,2,3-Trichlorobenzene	0.0012	U	0.0012	0.00091	mg/Kg	☼	09/29/25 10:08	10/04/25 01:37	1
1,2,4-Trichlorobenzene	0.0012	U	0.0012	0.00044	mg/Kg	☼	09/29/25 10:08	10/04/25 01:37	1
1,2,4-Trimethylbenzene	0.0012	U	0.0012	0.00030	mg/Kg	☼	09/29/25 10:08	10/04/25 01:37	1
1,2-Dibromo-3-Chloropropane	0.0012	U	0.0012	0.00056	mg/Kg	☼	09/29/25 10:08	10/04/25 01:37	1
1,2-Dichlorobenzene	0.0012	U	0.0012	0.00044	mg/Kg	☼	09/29/25 10:08	10/04/25 01:37	1
1,2-Dichloroethane	0.0012	U	0.0012	0.00036	mg/Kg	☼	09/29/25 10:08	10/04/25 01:37	1
1,2-Dichloropropane	0.0012	U	0.0012	0.00052	mg/Kg	☼	09/29/25 10:08	10/04/25 01:37	1
1,3,5-Trimethylbenzene	0.0012	U	0.0012	0.00039	mg/Kg	☼	09/29/25 10:08	10/04/25 01:37	1
1,3-Dichlorobenzene	0.0012	U	0.0012	0.00045	mg/Kg	☼	09/29/25 10:08	10/04/25 01:37	1
1,4-Dichlorobenzene	0.0012	U	0.0012	0.00064	mg/Kg	☼	09/29/25 10:08	10/04/25 01:37	1
2-Butanone (MEK)	0.0061	U	0.0061	0.00045	mg/Kg	☼	09/29/25 10:08	10/04/25 01:37	1
2-Hexanone	0.0061	U	0.0061	0.0021	mg/Kg	☼	09/29/25 10:08	10/04/25 01:37	1
4-Methyl-2-pentanone (MIBK)	0.0061	U	0.0061	0.0019	mg/Kg	☼	09/29/25 10:08	10/04/25 01:37	1
Acetone	0.0074	U	0.0074	0.0070	mg/Kg	☼	09/29/25 10:08	10/04/25 01:37	1
Benzene	0.0012	U	0.0012	0.00070	mg/Kg	☼	09/29/25 10:08	10/04/25 01:37	1
Bromoform	0.0012	U *	0.0012	0.00052	mg/Kg	☼	09/29/25 10:08	10/04/25 01:37	1
Bromomethane	0.0025	U	0.0025	0.0012	mg/Kg	☼	09/29/25 10:08	10/04/25 01:37	1
Carbon disulfide	0.0012	U	0.0012	0.00033	mg/Kg	☼	09/29/25 10:08	10/04/25 01:37	1
Carbon tetrachloride	0.0012	U	0.0012	0.00048	mg/Kg	☼	09/29/25 10:08	10/04/25 01:37	1
Chlorobenzene	0.0012	U	0.0012	0.00062	mg/Kg	☼	09/29/25 10:08	10/04/25 01:37	1
Chlorobromomethane	0.0012	U	0.0012	0.00073	mg/Kg	☼	09/29/25 10:08	10/04/25 01:37	1
Chlorodibromomethane	0.0012	U *	0.0012	0.00066	mg/Kg	☼	09/29/25 10:08	10/04/25 01:37	1
Chloroethane	0.0012	U	0.0012	0.00064	mg/Kg	☼	09/29/25 10:08	10/04/25 01:37	1
Chloroform	0.0012	U	0.0012	0.0012	mg/Kg	☼	09/29/25 10:08	10/04/25 01:37	1
Chloromethane	0.0012	U	0.0012	0.00053	mg/Kg	☼	09/29/25 10:08	10/04/25 01:37	1
cis-1,2-Dichloroethene	0.0012	U	0.0012	0.00044	mg/Kg	☼	09/29/25 10:08	10/04/25 01:37	1
cis-1,3-Dichloropropene	0.0012	U	0.0012	0.00034	mg/Kg	☼	09/29/25 10:08	10/04/25 01:37	1
Cyclohexane	0.0012	U	0.0012	0.00027	mg/Kg	☼	09/29/25 10:08	10/04/25 01:37	1
Dichlorobromomethane	0.0012	U	0.0012	0.00032	mg/Kg	☼	09/29/25 10:08	10/04/25 01:37	1
Dichlorodifluoromethane	0.0012	U	0.0012	0.00042	mg/Kg	☼	09/29/25 10:08	10/04/25 01:37	1
Ethylbenzene	0.0012	U	0.0012	0.00057	mg/Kg	☼	09/29/25 10:08	10/04/25 01:37	1
Ethylene Dibromide	0.0012	U	0.0012	0.00062	mg/Kg	☼	09/29/25 10:08	10/04/25 01:37	1
Isopropylbenzene	0.0012	U	0.0012	0.00035	mg/Kg	☼	09/29/25 10:08	10/04/25 01:37	1
Methyl acetate	0.0061	U *	0.0061	0.0053	mg/Kg	☼	09/29/25 10:08	10/04/25 01:37	1
Methyl tert-butyl ether	0.0012	U	0.0012	0.00063	mg/Kg	☼	09/29/25 10:08	10/04/25 01:37	1
Methylcyclohexane	0.0012	U	0.0012	0.00061	mg/Kg	☼	09/29/25 10:08	10/04/25 01:37	1
Methylene Chloride	**0.0016**	**J**	0.0025	0.0014	mg/Kg	☼	09/29/25 10:08	10/04/25 01:37	1
m-Xylene & p-Xylene	0.0012	U	0.0012	0.00052	mg/Kg	☼	09/29/25 10:08	10/04/25 01:37	1
n-Butylbenzene	0.0012	U	0.0012	0.00036	mg/Kg	☼	09/29/25 10:08	10/04/25 01:37	1
N-Propylbenzene	0.0012	U	0.0012	0.00055	mg/Kg	☼	09/29/25 10:08	10/04/25 01:37	1
o-Xylene	0.0012	U	0.0012	0.00057	mg/Kg	☼	09/29/25 10:08	10/04/25 01:37	1
sec-Butylbenzene	0.0012	U	0.0012	0.00035	mg/Kg	☼	09/29/25 10:08	10/04/25 01:37	1
Styrene	0.0012	U	0.0012	0.00034	mg/Kg	☼	09/29/25 10:08	10/04/25 01:37	1

Client Sample ID: 58E1_1-2

Lab Sample ID: 460-335806-49

Date Collected: 09/26/25 12:15
Matrix: Solid
Date Received: 09/26/25 16:20
Percent Solids: 93.4

Method: SW846 8260D - Volatile Organic Compounds by GC/MS (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
tert-Butylbenzene	0.0012	U	0.0012	0.00034	mg/Kg	☼	09/29/25 10:08	10/04/25 01:37	1
Tetrachloroethene	0.0012	U	0.0012	0.00037	mg/Kg	☼	09/29/25 10:08	10/04/25 01:37	1
Toluene	0.0012	U	0.0012	0.00029	mg/Kg	☼	09/29/25 10:08	10/04/25 01:37	1
trans-1,2-Dichloroethene	0.0012	U	0.0012	0.00030	mg/Kg	☼	09/29/25 10:08	10/04/25 01:37	1
trans-1,3-Dichloropropene	0.0012	U	0.0012	0.00033	mg/Kg	☼	09/29/25 10:08	10/04/25 01:37	1
Trichloroethene	0.0012	U	0.0012	0.00039	mg/Kg	☼	09/29/25 10:08	10/04/25 01:37	1
Trichlorofluoromethane	0.0012	U	0.0012	0.00050	mg/Kg	☼	09/29/25 10:08	10/04/25 01:37	1
Vinyl chloride	0.0012	U	0.0012	0.00067	mg/Kg	☼	09/29/25 10:08	10/04/25 01:37	1
Xylenes, Total	0.0025	U	0.0025	0.00021	mg/Kg	☼	09/29/25 10:08	10/04/25 01:37	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,2-Dichloroethane-d4 (Surr)	*110*		*65 - 138*	*09/29/25 10:08*	*10/04/25 01:37*	*1*
4-Bromofluorobenzene	*94*		*71 - 128*	*09/29/25 10:08*	*10/04/25 01:37*	*1*
Dibromofluoromethane (Surr)	*98*		*50 - 150*	*09/29/25 10:08*	*10/04/25 01:37*	*1*
Toluene-d8 (Surr)	*102*		*71 - 126*	*09/29/25 10:08*	*10/04/25 01:37*	*1*

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Percent Moisture (EPA Moisture)	**6.6**		1.0	1.0	%			09/28/25 21:11	1
Percent Solids (EPA Moisture)	**93.4**		1.0	1.0	%			09/28/25 21:11	1

Client Sample ID: 58E2_2-3

Lab Sample ID: 460-335806-50

Date Collected: 09/26/25 12:20
Matrix: Solid
Date Received: 09/26/25 16:20
Percent Solids: 87.9

Method: SW846 8260D - Volatile Organic Compounds by GC/MS

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1-Trichloroethane	0.0014	U	0.0014	0.00032	mg/Kg	☼	09/29/25 10:08	10/04/25 02:02	1
1,1,2,2-Tetrachloroethane	0.0014	U	0.0014	0.00072	mg/Kg	☼	09/29/25 10:08	10/04/25 02:02	1
1,1,2-Trichloro-1,2,2-trifluoroethane	0.0014	U	0.0014	0.00042	mg/Kg	☼	09/29/25 10:08	10/04/25 02:02	1
1,1,2-Trichloroethane	0.0014	U	0.0014	0.00083	mg/Kg	☼	09/29/25 10:08	10/04/25 02:02	1
1,1-Dichloroethane	0.0014	U	0.0014	0.00082	mg/Kg	☼	09/29/25 10:08	10/04/25 02:02	1
1,1-Dichloroethene	0.0014	U	0.0014	0.00031	mg/Kg	☼	09/29/25 10:08	10/04/25 02:02	1
1,2,3-Trichlorobenzene	0.0014	U	0.0014	0.0010	mg/Kg	☼	09/29/25 10:08	10/04/25 02:02	1
1,2,4-Trichlorobenzene	0.0014	U	0.0014	0.00049	mg/Kg	☼	09/29/25 10:08	10/04/25 02:02	1
1,2,4-Trimethylbenzene	0.0014	U	0.0014	0.00034	mg/Kg	☼	09/29/25 10:08	10/04/25 02:02	1
1,2-Dibromo-3-Chloropropane	0.0014	U	0.0014	0.00063	mg/Kg	☼	09/29/25 10:08	10/04/25 02:02	1
1,2-Dichlorobenzene	0.0014	U	0.0014	0.00050	mg/Kg	☼	09/29/25 10:08	10/04/25 02:02	1
1,2-Dichloroethane	0.0014	U	0.0014	0.00041	mg/Kg	☼	09/29/25 10:08	10/04/25 02:02	1
1,2-Dichloropropane	0.0014	U	0.0014	0.00058	mg/Kg	☼	09/29/25 10:08	10/04/25 02:02	1
1,3,5-Trimethylbenzene	0.0014	U	0.0014	0.00043	mg/Kg	☼	09/29/25 10:08	10/04/25 02:02	1
1,3-Dichlorobenzene	0.0014	U	0.0014	0.00050	mg/Kg	☼	09/29/25 10:08	10/04/25 02:02	1
1,4-Dichlorobenzene	0.0014	U	0.0014	0.00072	mg/Kg	☼	09/29/25 10:08	10/04/25 02:02	1
2-Butanone (MEK)	0.0069	U	0.0069	0.00051	mg/Kg	☼	09/29/25 10:08	10/04/25 02:02	1
2-Hexanone	0.0069	U	0.0069	0.0024	mg/Kg	☼	09/29/25 10:08	10/04/25 02:02	1
4-Methyl-2-pentanone (MIBK)	0.0069	U	0.0069	0.0021	mg/Kg	☼	09/29/25 10:08	10/04/25 02:02	1
Acetone	0.0083	U	0.0083	0.0079	mg/Kg	☼	09/29/25 10:08	10/04/25 02:02	1
Benzene	0.0014	U	0.0014	0.00078	mg/Kg	☼	09/29/25 10:08	10/04/25 02:02	1
Bromoform	0.0014	U *	0.0014	0.00059	mg/Kg	☼	09/29/25 10:08	10/04/25 02:02	1
Bromomethane	0.0028	U	0.0028	0.0014	mg/Kg	☼	09/29/25 10:08	10/04/25 02:02	1

Client Sample ID: 58E2_2-3
Date Collected: 09/26/25 12:20
Date Received: 09/26/25 16:20

Lab Sample ID: 460-335806-50
Matrix: Solid
Percent Solids: 87.9

Method: SW846 8260D - Volatile Organic Compounds by GC/MS (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Carbon disulfide	0.0014	U	0.0014	0.00037	mg/Kg	☼	09/29/25 10:08	10/04/25 02:02	1
Carbon tetrachloride	0.0014	U	0.0014	0.00053	mg/Kg	☼	09/29/25 10:08	10/04/25 02:02	1
Chlorobenzene	0.0014	U	0.0014	0.00070	mg/Kg	☼	09/29/25 10:08	10/04/25 02:02	1
Chlorobromomethane	0.0014	U	0.0014	0.00082	mg/Kg	☼	09/29/25 10:08	10/04/25 02:02	1
Chlorodibromomethane	0.0014	U *	0.0014	0.00074	mg/Kg	☼	09/29/25 10:08	10/04/25 02:02	1
Chloroethane	0.0014	U	0.0014	0.00072	mg/Kg	☼	09/29/25 10:08	10/04/25 02:02	1
Chloroform	0.0014	U	0.0014	0.0013	mg/Kg	☼	09/29/25 10:08	10/04/25 02:02	1
Chloromethane	0.0014	U	0.0014	0.00060	mg/Kg	☼	09/29/25 10:08	10/04/25 02:02	1
cis-1,2-Dichloroethene	0.0014	U	0.0014	0.00049	mg/Kg	☼	09/29/25 10:08	10/04/25 02:02	1
cis-1,3-Dichloropropene	0.0014	U	0.0014	0.00038	mg/Kg	☼	09/29/25 10:08	10/04/25 02:02	1
Cyclohexane	0.0014	U	0.0014	0.00030	mg/Kg	☼	09/29/25 10:08	10/04/25 02:02	1
Dichlorobromomethane	0.0014	U	0.0014	0.00035	mg/Kg	☼	09/29/25 10:08	10/04/25 02:02	1
Dichlorodifluoromethane	0.0014	U	0.0014	0.00047	mg/Kg	☼	09/29/25 10:08	10/04/25 02:02	1
Ethylbenzene	0.0014	U	0.0014	0.00065	mg/Kg	☼	09/29/25 10:08	10/04/25 02:02	1
Ethylene Dibromide	0.0014	U	0.0014	0.00070	mg/Kg	☼	09/29/25 10:08	10/04/25 02:02	1
Isopropylbenzene	0.0014	U	0.0014	0.00039	mg/Kg	☼	09/29/25 10:08	10/04/25 02:02	1
Methyl acetate	0.0069	U *	0.0069	0.0059	mg/Kg	☼	09/29/25 10:08	10/04/25 02:02	1
Methyl tert-butyl ether	0.0014	U	0.0014	0.00071	mg/Kg	☼	09/29/25 10:08	10/04/25 02:02	1
Methylcyclohexane	0.0014	U	0.0014	0.00069	mg/Kg	☼	09/29/25 10:08	10/04/25 02:02	1
Methylene Chloride	**0.0035**		0.0028	0.0016	mg/Kg	☼	09/29/25 10:08	10/04/25 02:02	1
m-Xylene & p-Xylene	0.0014	U	0.0014	0.00058	mg/Kg	☼	09/29/25 10:08	10/04/25 02:02	1
n-Butylbenzene	0.0014	U	0.0014	0.00041	mg/Kg	☼	09/29/25 10:08	10/04/25 02:02	1
N-Propylbenzene	0.0014	U	0.0014	0.00062	mg/Kg	☼	09/29/25 10:08	10/04/25 02:02	1
o-Xylene	0.0014	U	0.0014	0.00064	mg/Kg	☼	09/29/25 10:08	10/04/25 02:02	1
sec-Butylbenzene	0.0014	U	0.0014	0.00040	mg/Kg	☼	09/29/25 10:08	10/04/25 02:02	1
Styrene	0.0014	U	0.0014	0.00038	mg/Kg	☼	09/29/25 10:08	10/04/25 02:02	1
tert-Butylbenzene	0.0014	U	0.0014	0.00038	mg/Kg	☼	09/29/25 10:08	10/04/25 02:02	1
Tetrachloroethene	0.0014	U	0.0014	0.00042	mg/Kg	☼	09/29/25 10:08	10/04/25 02:02	1
Toluene	0.0014	U	0.0014	0.00032	mg/Kg	☼	09/29/25 10:08	10/04/25 02:02	1
trans-1,2-Dichloroethene	0.0014	U	0.0014	0.00034	mg/Kg	☼	09/29/25 10:08	10/04/25 02:02	1
trans-1,3-Dichloropropene	0.0014	U	0.0014	0.00037	mg/Kg	☼	09/29/25 10:08	10/04/25 02:02	1
Trichloroethene	0.0014	U	0.0014	0.00044	mg/Kg	☼	09/29/25 10:08	10/04/25 02:02	1
Trichlorofluoromethane	0.0014	U	0.0014	0.00056	mg/Kg	☼	09/29/25 10:08	10/04/25 02:02	1
Vinyl chloride	0.0014	U	0.0014	0.00075	mg/Kg	☼	09/29/25 10:08	10/04/25 02:02	1
Xylenes, Total	0.0028	U	0.0028	0.00024	mg/Kg	☼	09/29/25 10:08	10/04/25 02:02	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,2-Dichloroethane-d4 (Surr)	*108*		*65 - 138*	*09/29/25 10:08*	*10/04/25 02:02*	*1*
4-Bromofluorobenzene	*93*		*71 - 128*	*09/29/25 10:08*	*10/04/25 02:02*	*1*
Dibromofluoromethane (Surr)	*97*		*50 - 150*	*09/29/25 10:08*	*10/04/25 02:02*	*1*
Toluene-d8 (Surr)	*100*		*71 - 126*	*09/29/25 10:08*	*10/04/25 02:02*	*1*

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Percent Moisture (EPA Moisture)	**12.1**		1.0	1.0	%			09/28/25 21:11	1
Percent Solids (EPA Moisture)	**87.9**		1.0	1.0	%			09/28/25 21:11	1

Client: Haley & Aldrich, Inc.
Project/Site: Former Port Mobil

Job ID: 460-335806-1

Client Sample ID: 58E3_4-5
Date Collected: 09/26/25 12:05
Date Received: 09/26/25 16:20

Lab Sample ID: 460-335806-51
Matrix: Solid
Percent Solids: 89.6

Method: SW846 8260D - Volatile Organic Compounds by GC/MS

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1-Trichloroethane	0.0013	U	0.0013	0.00029	mg/Kg	☼	09/29/25 10:09	10/04/25 02:27	1
1,1,2,2-Tetrachloroethane	0.0013	U	0.0013	0.00065	mg/Kg	☼	09/29/25 10:09	10/04/25 02:27	1
1,1,2-Trichloro-1,2,2-trifluoroethane	0.0013	U	0.0013	0.00038	mg/Kg	☼	09/29/25 10:09	10/04/25 02:27	1
1,1,2-Trichloroethane	0.0013	U	0.0013	0.00075	mg/Kg	☼	09/29/25 10:09	10/04/25 02:27	1
1,1-Dichloroethane	0.0013	U	0.0013	0.00075	mg/Kg	☼	09/29/25 10:09	10/04/25 02:27	1
1,1-Dichloroethene	0.0013	U	0.0013	0.00028	mg/Kg	☼	09/29/25 10:09	10/04/25 02:27	1
1,2,3-Trichlorobenzene	0.0013	U	0.0013	0.00092	mg/Kg	☼	09/29/25 10:09	10/04/25 02:27	1
1,2,4-Trichlorobenzene	0.0013	U	0.0013	0.00045	mg/Kg	☼	09/29/25 10:09	10/04/25 02:27	1
1,2,4-Trimethylbenzene	0.0013	U	0.0013	0.00031	mg/Kg	☼	09/29/25 10:09	10/04/25 02:27	1
1,2-Dibromo-3-Chloropropane	0.0013	U	0.0013	0.00058	mg/Kg	☼	09/29/25 10:09	10/04/25 02:27	1
1,2-Dichlorobenzene	0.0013	U	0.0013	0.00045	mg/Kg	☼	09/29/25 10:09	10/04/25 02:27	1
1,2-Dichloroethane	0.0013	U	0.0013	0.00037	mg/Kg	☼	09/29/25 10:09	10/04/25 02:27	1
1,2-Dichloropropane	0.0013	U	0.0013	0.00053	mg/Kg	☼	09/29/25 10:09	10/04/25 02:27	1
1,3,5-Trimethylbenzene	0.0013	U	0.0013	0.00039	mg/Kg	☼	09/29/25 10:09	10/04/25 02:27	1
1,3-Dichlorobenzene	0.0013	U	0.0013	0.00046	mg/Kg	☼	09/29/25 10:09	10/04/25 02:27	1
1,4-Dichlorobenzene	0.0013	U	0.0013	0.00065	mg/Kg	☼	09/29/25 10:09	10/04/25 02:27	1
2-Butanone (MEK)	0.0063	U	0.0063	0.00046	mg/Kg	☼	09/29/25 10:09	10/04/25 02:27	1
2-Hexanone	0.0063	U	0.0063	0.0021	mg/Kg	☼	09/29/25 10:09	10/04/25 02:27	1
4-Methyl-2-pentanone (MIBK)	0.0063	U	0.0063	0.0019	mg/Kg	☼	09/29/25 10:09	10/04/25 02:27	1
Acetone	0.0075	U	0.0075	0.0071	mg/Kg	☼	09/29/25 10:09	10/04/25 02:27	1
Benzene	0.0013	U	0.0013	0.00071	mg/Kg	☼	09/29/25 10:09	10/04/25 02:27	1
Bromoform	0.0013	U *	0.0013	0.00053	mg/Kg	☼	09/29/25 10:09	10/04/25 02:27	1
Bromomethane	0.0025	U	0.0025	0.0013	mg/Kg	☼	09/29/25 10:09	10/04/25 02:27	1
Carbon disulfide	0.0013	U	0.0013	0.00033	mg/Kg	☼	09/29/25 10:09	10/04/25 02:27	1
Carbon tetrachloride	0.0013	U	0.0013	0.00048	mg/Kg	☼	09/29/25 10:09	10/04/25 02:27	1
Chlorobenzene	0.0013	U	0.0013	0.00063	mg/Kg	☼	09/29/25 10:09	10/04/25 02:27	1
Chlorobromomethane	0.0013	U	0.0013	0.00075	mg/Kg	☼	09/29/25 10:09	10/04/25 02:27	1
Chlorodibromomethane	0.0013	U *	0.0013	0.00067	mg/Kg	☼	09/29/25 10:09	10/04/25 02:27	1
Chloroethane	0.0013	U	0.0013	0.00065	mg/Kg	☼	09/29/25 10:09	10/04/25 02:27	1
Chloroform	0.0013	U	0.0013	0.0012	mg/Kg	☼	09/29/25 10:09	10/04/25 02:27	1
Chloromethane	0.0013	U	0.0013	0.00054	mg/Kg	☼	09/29/25 10:09	10/04/25 02:27	1
cis-1,2-Dichloroethene	0.0013	U	0.0013	0.00045	mg/Kg	☼	09/29/25 10:09	10/04/25 02:27	1
cis-1,3-Dichloropropene	0.0013	U	0.0013	0.00034	mg/Kg	☼	09/29/25 10:09	10/04/25 02:27	1
Cyclohexane	0.0013	U	0.0013	0.00028	mg/Kg	☼	09/29/25 10:09	10/04/25 02:27	1
Dichlorobromomethane	0.0013	U	0.0013	0.00032	mg/Kg	☼	09/29/25 10:09	10/04/25 02:27	1
Dichlorodifluoromethane	0.0013	U	0.0013	0.00042	mg/Kg	☼	09/29/25 10:09	10/04/25 02:27	1
Ethylbenzene	0.0013	U	0.0013	0.00059	mg/Kg	☼	09/29/25 10:09	10/04/25 02:27	1
Ethylene Dibromide	0.0013	U	0.0013	0.00063	mg/Kg	☼	09/29/25 10:09	10/04/25 02:27	1
Isopropylbenzene	0.0013	U	0.0013	0.00036	mg/Kg	☼	09/29/25 10:09	10/04/25 02:27	1
Methyl acetate	0.0063	U *	0.0063	0.0054	mg/Kg	☼	09/29/25 10:09	10/04/25 02:27	1
Methyl tert-butyl ether	0.0013	U	0.0013	0.00064	mg/Kg	☼	09/29/25 10:09	10/04/25 02:27	1
Methylcyclohexane	0.0013	U	0.0013	0.00062	mg/Kg	☼	09/29/25 10:09	10/04/25 02:27	1
Methylene Chloride	**0.0029**		0.0025	0.0014	mg/Kg	☼	09/29/25 10:09	10/04/25 02:27	1
m-Xylene & p-Xylene	0.0013	U	0.0013	0.00053	mg/Kg	☼	09/29/25 10:09	10/04/25 02:27	1
n-Butylbenzene	0.0013	U	0.0013	0.00037	mg/Kg	☼	09/29/25 10:09	10/04/25 02:27	1
N-Propylbenzene	0.0013	U	0.0013	0.00056	mg/Kg	☼	09/29/25 10:09	10/04/25 02:27	1
o-Xylene	0.0013	U	0.0013	0.00058	mg/Kg	☼	09/29/25 10:09	10/04/25 02:27	1
sec-Butylbenzene	0.0013	U	0.0013	0.00036	mg/Kg	☼	09/29/25 10:09	10/04/25 02:27	1
Styrene	0.0013	U	0.0013	0.00035	mg/Kg	☼	09/29/25 10:09	10/04/25 02:27	1

Client Sample ID: 58E3_4-5

Lab Sample ID: 460-335806-51

Date Collected: 09/26/25 12:05
Matrix: Solid
Date Received: 09/26/25 16:20
Percent Solids: 89.6

Method: SW846 8260D - Volatile Organic Compounds by GC/MS (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
tert-Butylbenzene	0.0013	U	0.0013	0.00035	mg/Kg	☼	09/29/25 10:09	10/04/25 02:27	1
Tetrachloroethene	0.0013	U	0.0013	0.00038	mg/Kg	☼	09/29/25 10:09	10/04/25 02:27	1
Toluene	0.0013	U	0.0013	0.00029	mg/Kg	☼	09/29/25 10:09	10/04/25 02:27	1
trans-1,2-Dichloroethene	0.0013	U	0.0013	0.00031	mg/Kg	☼	09/29/25 10:09	10/04/25 02:27	1
trans-1,3-Dichloropropene	0.0013	U	0.0013	0.00033	mg/Kg	☼	09/29/25 10:09	10/04/25 02:27	1
Trichloroethene	0.0013	U	0.0013	0.00040	mg/Kg	☼	09/29/25 10:09	10/04/25 02:27	1
Trichlorofluoromethane	0.0013	U	0.0013	0.00051	mg/Kg	☼	09/29/25 10:09	10/04/25 02:27	1
Vinyl chloride	0.0013	U	0.0013	0.00068	mg/Kg	☼	09/29/25 10:09	10/04/25 02:27	1
Xylenes, Total	0.0025	U	0.0025	0.00022	mg/Kg	☼	09/29/25 10:09	10/04/25 02:27	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,2-Dichloroethane-d4 (Surr)	*96*		*65 - 138*	*09/29/25 10:09*	*10/04/25 02:27*	*1*
4-Bromofluorobenzene	*80*		*71 - 128*	*09/29/25 10:09*	*10/04/25 02:27*	*1*
Dibromofluoromethane (Surr)	*84*		*50 - 150*	*09/29/25 10:09*	*10/04/25 02:27*	*1*
Toluene-d8 (Surr)	*87*		*71 - 126*	*09/29/25 10:09*	*10/04/25 02:27*	*1*

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Percent Moisture (EPA Moisture)	**10.4**		1.0	1.0	%			09/28/25 21:11	1
Percent Solids (EPA Moisture)	**89.6**		1.0	1.0	%			09/28/25 21:11	1

Client Sample ID: 58E1_5-6

Lab Sample ID: 460-335806-52

Date Collected: 09/26/25 12:30
Matrix: Solid
Date Received: 09/26/25 16:20
Percent Solids: 87.9

Method: SW846 8260D - Volatile Organic Compounds by GC/MS

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1-Trichloroethane	0.00075	U	0.00075	0.00017	mg/Kg	☼	09/29/25 10:09	10/04/25 02:52	1
1,1,2,2-Tetrachloroethane	0.00075	U	0.00075	0.00039	mg/Kg	☼	09/29/25 10:09	10/04/25 02:52	1
1,1,2-Trichloro-1,2,2-trifluoroethane	0.00075	U	0.00075	0.00023	mg/Kg	☼	09/29/25 10:09	10/04/25 02:52	1
1,1,2-Trichloroethane	0.00075	U	0.00075	0.00045	mg/Kg	☼	09/29/25 10:09	10/04/25 02:52	1
1,1-Dichloroethane	0.00075	U	0.00075	0.00045	mg/Kg	☼	09/29/25 10:09	10/04/25 02:52	1
1,1-Dichloroethene	0.00075	U	0.00075	0.00017	mg/Kg	☼	09/29/25 10:09	10/04/25 02:52	1
1,2,3-Trichlorobenzene	0.00075	U	0.00075	0.00055	mg/Kg	☼	09/29/25 10:09	10/04/25 02:52	1
1,2,4-Trichlorobenzene	0.00075	U	0.00075	0.00027	mg/Kg	☼	09/29/25 10:09	10/04/25 02:52	1
1,2,4-Trimethylbenzene	0.00075	U	0.00075	0.00018	mg/Kg	☼	09/29/25 10:09	10/04/25 02:52	1
1,2-Dibromo-3-Chloropropane	0.00075	U	0.00075	0.00034	mg/Kg	☼	09/29/25 10:09	10/04/25 02:52	1
1,2-Dichlorobenzene	0.00075	U	0.00075	0.00027	mg/Kg	☼	09/29/25 10:09	10/04/25 02:52	1
1,2-Dichloroethane	0.00075	U	0.00075	0.00022	mg/Kg	☼	09/29/25 10:09	10/04/25 02:52	1
1,2-Dichloropropane	0.00075	U	0.00075	0.00032	mg/Kg	☼	09/29/25 10:09	10/04/25 02:52	1
1,3,5-Trimethylbenzene	0.00075	U	0.00075	0.00023	mg/Kg	☼	09/29/25 10:09	10/04/25 02:52	1
1,3-Dichlorobenzene	0.00075	U	0.00075	0.00027	mg/Kg	☼	09/29/25 10:09	10/04/25 02:52	1
1,4-Dichlorobenzene	0.00075	U	0.00075	0.00039	mg/Kg	☼	09/29/25 10:09	10/04/25 02:52	1
2-Butanone (MEK)	0.0037	U	0.0037	0.00028	mg/Kg	☼	09/29/25 10:09	10/04/25 02:52	1
2-Hexanone	0.0037	U	0.0037	0.0013	mg/Kg	☼	09/29/25 10:09	10/04/25 02:52	1
4-Methyl-2-pentanone (MIBK)	0.0037	U	0.0037	0.0012	mg/Kg	☼	09/29/25 10:09	10/04/25 02:52	1
Acetone	0.0045	U	0.0045	0.0043	mg/Kg	☼	09/29/25 10:09	10/04/25 02:52	1
Benzene	0.00075	U	0.00075	0.00042	mg/Kg	☼	09/29/25 10:09	10/04/25 02:52	1
Bromoform	0.00075	U *	0.00075	0.00032	mg/Kg	☼	09/29/25 10:09	10/04/25 02:52	1
Bromomethane	0.0015	U	0.0015	0.00075	mg/Kg	☼	09/29/25 10:09	10/04/25 02:52	1

Client: Haley & Aldrich, Inc.
Project/Site: Former Port Mobil

Job ID: 460-335806-1

Client Sample ID: 58E1_5-6
Date Collected: 09/26/25 12:30
Date Received: 09/26/25 16:20

Lab Sample ID: 460-335806-52
Matrix: Solid
Percent Solids: 87.9

Method: SW846 8260D - Volatile Organic Compounds by GC/MS (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Carbon disulfide	0.00075	U	0.00075	0.00020	mg/Kg	☼	09/29/25 10:09	10/04/25 02:52	1
Carbon tetrachloride	0.00075	U	0.00075	0.00029	mg/Kg	☼	09/29/25 10:09	10/04/25 02:52	1
Chlorobenzene	0.00075	U	0.00075	0.00038	mg/Kg	☼	09/29/25 10:09	10/04/25 02:52	1
Chlorobromomethane	0.00075	U	0.00075	0.00045	mg/Kg	☼	09/29/25 10:09	10/04/25 02:52	1
Chlorodibromomethane	0.00075	U *	0.00075	0.00040	mg/Kg	☼	09/29/25 10:09	10/04/25 02:52	1
Chloroethane	0.00075	U	0.00075	0.00039	mg/Kg	☼	09/29/25 10:09	10/04/25 02:52	1
Chloroform	0.00075	U	0.00075	0.00073	mg/Kg	☼	09/29/25 10:09	10/04/25 02:52	1
Chloromethane	0.00075	U	0.00075	0.00033	mg/Kg	☼	09/29/25 10:09	10/04/25 02:52	1
cis-1,2-Dichloroethene	0.00075	U	0.00075	0.00027	mg/Kg	☼	09/29/25 10:09	10/04/25 02:52	1
cis-1,3-Dichloropropene	0.00075	U	0.00075	0.00020	mg/Kg	☼	09/29/25 10:09	10/04/25 02:52	1
Cyclohexane	0.00075	U	0.00075	0.00017	mg/Kg	☼	09/29/25 10:09	10/04/25 02:52	1
Dichlorobromomethane	0.00075	U	0.00075	0.00019	mg/Kg	☼	09/29/25 10:09	10/04/25 02:52	1
Dichlorodifluoromethane	0.00075	U	0.00075	0.00025	mg/Kg	☼	09/29/25 10:09	10/04/25 02:52	1
Ethylbenzene	0.00075	U	0.00075	0.00035	mg/Kg	☼	09/29/25 10:09	10/04/25 02:52	1
Ethylene Dibromide	0.00075	U	0.00075	0.00038	mg/Kg	☼	09/29/25 10:09	10/04/25 02:52	1
Isopropylbenzene	0.00075	U	0.00075	0.00021	mg/Kg	☼	09/29/25 10:09	10/04/25 02:52	1
Methyl acetate	0.0037	U *	0.0037	0.0032	mg/Kg	☼	09/29/25 10:09	10/04/25 02:52	1
Methyl tert-butyl ether	0.00075	U	0.00075	0.00038	mg/Kg	☼	09/29/25 10:09	10/04/25 02:52	1
Methylcyclohexane	0.00075	U	0.00075	0.00037	mg/Kg	☼	09/29/25 10:09	10/04/25 02:52	1
Methylene Chloride	0.0015	U	0.0015	0.00086	mg/Kg	☼	09/29/25 10:09	10/04/25 02:52	1
m-Xylene & p-Xylene	0.00075	U	0.00075	0.00032	mg/Kg	☼	09/29/25 10:09	10/04/25 02:52	1
n-Butylbenzene	0.00075	U	0.00075	0.00022	mg/Kg	☼	09/29/25 10:09	10/04/25 02:52	1
N-Propylbenzene	0.00075	U	0.00075	0.00034	mg/Kg	☼	09/29/25 10:09	10/04/25 02:52	1
o-Xylene	0.00075	U	0.00075	0.00034	mg/Kg	☼	09/29/25 10:09	10/04/25 02:52	1
sec-Butylbenzene	0.00075	U	0.00075	0.00022	mg/Kg	☼	09/29/25 10:09	10/04/25 02:52	1
Styrene	0.00075	U	0.00075	0.00021	mg/Kg	☼	09/29/25 10:09	10/04/25 02:52	1
tert-Butylbenzene	0.00075	U	0.00075	0.00021	mg/Kg	☼	09/29/25 10:09	10/04/25 02:52	1
Tetrachloroethene	0.00075	U	0.00075	0.00023	mg/Kg	☼	09/29/25 10:09	10/04/25 02:52	1
Toluene	0.00075	U	0.00075	0.00018	mg/Kg	☼	09/29/25 10:09	10/04/25 02:52	1
trans-1,2-Dichloroethene	0.00075	U	0.00075	0.00018	mg/Kg	☼	09/29/25 10:09	10/04/25 02:52	1
trans-1,3-Dichloropropene	0.00075	U	0.00075	0.00020	mg/Kg	☼	09/29/25 10:09	10/04/25 02:52	1
Trichloroethene	0.00075	U	0.00075	0.00024	mg/Kg	☼	09/29/25 10:09	10/04/25 02:52	1
Trichlorofluoromethane	0.00075	U	0.00075	0.00030	mg/Kg	☼	09/29/25 10:09	10/04/25 02:52	1
Vinyl chloride	0.00075	U	0.00075	0.00041	mg/Kg	☼	09/29/25 10:09	10/04/25 02:52	1
Xylenes, Total	0.0015	U	0.0015	0.00013	mg/Kg	☼	09/29/25 10:09	10/04/25 02:52	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,2-Dichloroethane-d4 (Surr)	*109*		*65 - 138*	*09/29/25 10:09*	*10/04/25 02:52*	*1*
4-Bromofluorobenzene	*93*		*71 - 128*	*09/29/25 10:09*	*10/04/25 02:52*	*1*
Dibromofluoromethane (Surr)	*97*		*50 - 150*	*09/29/25 10:09*	*10/04/25 02:52*	*1*
Toluene-d8 (Surr)	*99*		*71 - 126*	*09/29/25 10:09*	*10/04/25 02:52*	*1*

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Percent Moisture (EPA Moisture)	12.1		1.0	1.0	%			09/28/25 21:11	1
Percent Solids (EPA Moisture)	87.9		1.0	1.0	%			09/28/25 21:11	1

Client: Haley & Aldrich, Inc.
Project/Site: Former Port Mobil

Job ID: 460-335806-1

Client Sample ID: 58E2_7-8
Date Collected: 09/26/25 12:35
Date Received: 09/26/25 16:20

Lab Sample ID: 460-335806-53
Matrix: Solid
Percent Solids: 89.4

Method: SW846 8260D - Volatile Organic Compounds by GC/MS

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1-Trichloroethane	0.0013	U	0.0013	0.00031	mg/Kg	☼	09/29/25 10:10	10/04/25 03:16	1
1,1,2,2-Tetrachloroethane	0.0013	U	0.0013	0.00069	mg/Kg	☼	09/29/25 10:10	10/04/25 03:16	1
1,1,2-Trichloro-1,2,2-trifluoroethane	0.0013	U	0.0013	0.00040	mg/Kg	☼	09/29/25 10:10	10/04/25 03:16	1
1,1,2-Trichloroethane	0.0013	U	0.0013	0.00079	mg/Kg	☼	09/29/25 10:10	10/04/25 03:16	1
1,1-Dichloroethane	0.0013	U	0.0013	0.00078	mg/Kg	☼	09/29/25 10:10	10/04/25 03:16	1
1,1-Dichloroethene	0.0013	U	0.0013	0.00030	mg/Kg	☼	09/29/25 10:10	10/04/25 03:16	1
1,2,3-Trichlorobenzene	0.0013	U	0.0013	0.00097	mg/Kg	☼	09/29/25 10:10	10/04/25 03:16	1
1,2,4-Trichlorobenzene	0.0013	U	0.0013	0.00047	mg/Kg	☼	09/29/25 10:10	10/04/25 03:16	1
1,2,4-Trimethylbenzene	0.0013	U	0.0013	0.00032	mg/Kg	☼	09/29/25 10:10	10/04/25 03:16	1
1,2-Dibromo-3-Chloropropane	0.0013	U	0.0013	0.00060	mg/Kg	☼	09/29/25 10:10	10/04/25 03:16	1
1,2-Dichlorobenzene	0.0013	U	0.0013	0.00047	mg/Kg	☼	09/29/25 10:10	10/04/25 03:16	1
1,2-Dichloroethane	0.0013	U	0.0013	0.00039	mg/Kg	☼	09/29/25 10:10	10/04/25 03:16	1
1,2-Dichloropropane	0.0013	U	0.0013	0.00056	mg/Kg	☼	09/29/25 10:10	10/04/25 03:16	1
1,3,5-Trimethylbenzene	0.0013	U	0.0013	0.00041	mg/Kg	☼	09/29/25 10:10	10/04/25 03:16	1
1,3-Dichlorobenzene	0.0013	U	0.0013	0.00048	mg/Kg	☼	09/29/25 10:10	10/04/25 03:16	1
1,4-Dichlorobenzene	0.0013	U	0.0013	0.00068	mg/Kg	☼	09/29/25 10:10	10/04/25 03:16	1
2-Butanone (MEK)	0.0066	U	0.0066	0.00048	mg/Kg	☼	09/29/25 10:10	10/04/25 03:16	1
2-Hexanone	0.0066	U	0.0066	0.0022	mg/Kg	☼	09/29/25 10:10	10/04/25 03:16	1
4-Methyl-2-pentanone (MIBK)	0.0066	U	0.0066	0.0020	mg/Kg	☼	09/29/25 10:10	10/04/25 03:16	1
Acetone	0.0079	U	0.0079	0.0075	mg/Kg	☼	09/29/25 10:10	10/04/25 03:16	1
Benzene	0.0013	U	0.0013	0.00074	mg/Kg	☼	09/29/25 10:10	10/04/25 03:16	1
Bromoform	0.0013	U *	0.0013	0.00056	mg/Kg	☼	09/29/25 10:10	10/04/25 03:16	1
Bromomethane	0.0026	U	0.0026	0.0013	mg/Kg	☼	09/29/25 10:10	10/04/25 03:16	1
Carbon disulfide	0.0013	U	0.0013	0.00035	mg/Kg	☼	09/29/25 10:10	10/04/25 03:16	1
Carbon tetrachloride	0.0013	U	0.0013	0.00051	mg/Kg	☼	09/29/25 10:10	10/04/25 03:16	1
Chlorobenzene	0.0013	U	0.0013	0.00067	mg/Kg	☼	09/29/25 10:10	10/04/25 03:16	1
Chlorobromomethane	0.0013	U	0.0013	0.00078	mg/Kg	☼	09/29/25 10:10	10/04/25 03:16	1
Chlorodibromomethane	0.0013	U *	0.0013	0.00070	mg/Kg	☼	09/29/25 10:10	10/04/25 03:16	1
Chloroethane	0.0013	U	0.0013	0.00069	mg/Kg	☼	09/29/25 10:10	10/04/25 03:16	1
Chloroform	0.0013	U	0.0013	0.0013	mg/Kg	☼	09/29/25 10:10	10/04/25 03:16	1
Chloromethane	0.0013	U	0.0013	0.00057	mg/Kg	☼	09/29/25 10:10	10/04/25 03:16	1
cis-1,2-Dichloroethene	0.0013	U	0.0013	0.00047	mg/Kg	☼	09/29/25 10:10	10/04/25 03:16	1
cis-1,3-Dichloropropene	0.0013	U	0.0013	0.00036	mg/Kg	☼	09/29/25 10:10	10/04/25 03:16	1
Cyclohexane	0.0013	U	0.0013	0.00029	mg/Kg	☼	09/29/25 10:10	10/04/25 03:16	1
Dichlorobromomethane	0.0013	U	0.0013	0.00034	mg/Kg	☼	09/29/25 10:10	10/04/25 03:16	1
Dichlorodifluoromethane	0.0013	U	0.0013	0.00044	mg/Kg	☼	09/29/25 10:10	10/04/25 03:16	1
Ethylbenzene	0.0013	U	0.0013	0.00061	mg/Kg	☼	09/29/25 10:10	10/04/25 03:16	1
Ethylene Dibromide	0.0013	U	0.0013	0.00066	mg/Kg	☼	09/29/25 10:10	10/04/25 03:16	1
Isopropylbenzene	0.0013	U	0.0013	0.00037	mg/Kg	☼	09/29/25 10:10	10/04/25 03:16	1
Methyl acetate	0.0066	U *	0.0066	0.0056	mg/Kg	☼	09/29/25 10:10	10/04/25 03:16	1
Methyl tert-butyl ether	0.0013	U	0.0013	0.00067	mg/Kg	☼	09/29/25 10:10	10/04/25 03:16	1
Methylcyclohexane	0.0013	U	0.0013	0.00065	mg/Kg	☼	09/29/25 10:10	10/04/25 03:16	1
Methylene Chloride	**0.0021**	**J**	0.0026	0.0015	mg/Kg	☼	09/29/25 10:10	10/04/25 03:16	1
m-Xylene & p-Xylene	0.0013	U	0.0013	0.00056	mg/Kg	☼	09/29/25 10:10	10/04/25 03:16	1
n-Butylbenzene	0.0013	U	0.0013	0.00039	mg/Kg	☼	09/29/25 10:10	10/04/25 03:16	1
N-Propylbenzene	0.0013	U	0.0013	0.00059	mg/Kg	☼	09/29/25 10:10	10/04/25 03:16	1
o-Xylene	0.0013	U	0.0013	0.00061	mg/Kg	☼	09/29/25 10:10	10/04/25 03:16	1
sec-Butylbenzene	0.0013	U	0.0013	0.00038	mg/Kg	☼	09/29/25 10:10	10/04/25 03:16	1
Styrene	0.0013	U	0.0013	0.00036	mg/Kg	☼	09/29/25 10:10	10/04/25 03:16	1

Client Sample ID: 58E2_7-8

Lab Sample ID: 460-335806-53

Date Collected: 09/26/25 12:35
Matrix: Solid
Date Received: 09/26/25 16:20
Percent Solids: 89.4

Method: SW846 8260D - Volatile Organic Compounds by GC/MS (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
tert-Butylbenzene	0.0013	U	0.0013	0.00036	mg/Kg	☼	09/29/25 10:10	10/04/25 03:16	1
Tetrachloroethene	0.0013	U	0.0013	0.00040	mg/Kg	☼	09/29/25 10:10	10/04/25 03:16	1
Toluene	0.0013	U	0.0013	0.00031	mg/Kg	☼	09/29/25 10:10	10/04/25 03:16	1
trans-1,2-Dichloroethene	0.0013	U	0.0013	0.00032	mg/Kg	☼	09/29/25 10:10	10/04/25 03:16	1
trans-1,3-Dichloropropene	0.0013	U	0.0013	0.00035	mg/Kg	☼	09/29/25 10:10	10/04/25 03:16	1
Trichloroethene	0.0013	U	0.0013	0.00042	mg/Kg	☼	09/29/25 10:10	10/04/25 03:16	1
Trichlorofluoromethane	0.0013	U	0.0013	0.00053	mg/Kg	☼	09/29/25 10:10	10/04/25 03:16	1
Vinyl chloride	0.0013	U	0.0013	0.00072	mg/Kg	☼	09/29/25 10:10	10/04/25 03:16	1
Xylenes, Total	0.0026	U	0.0026	0.00023	mg/Kg	☼	09/29/25 10:10	10/04/25 03:16	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,2-Dichloroethane-d4 (Surr)	*106*		*65 - 138*	*09/29/25 10:10*	*10/04/25 03:16*	*1*
4-Bromofluorobenzene	*92*		*71 - 128*	*09/29/25 10:10*	*10/04/25 03:16*	*1*
Dibromofluoromethane (Surr)	*95*		*50 - 150*	*09/29/25 10:10*	*10/04/25 03:16*	*1*
Toluene-d8 (Surr)	*99*		*71 - 126*	*09/29/25 10:10*	*10/04/25 03:16*	*1*

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Percent Moisture (EPA Moisture)	**10.6**		1.0	1.0	%			09/28/25 21:11	1
Percent Solids (EPA Moisture)	**89.4**		1.0	1.0	%			09/28/25 21:11	1

Client Sample ID: 58E3_8-9

Lab Sample ID: 460-335806-54

Date Collected: 09/26/25 12:40
Matrix: Solid
Date Received: 09/26/25 16:20
Percent Solids: 85.2

Method: SW846 8260D - Volatile Organic Compounds by GC/MS

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1-Trichloroethane	0.0010	U	0.0010	0.00024	mg/Kg	☼	09/29/25 10:10	10/05/25 07:55	1
1,1,2,2-Tetrachloroethane	0.0010	U	0.0010	0.00054	mg/Kg	☼	09/29/25 10:10	10/05/25 07:55	1
1,1,2-Trichloro-1,2,2-trifluoroethane	0.0010	U	0.0010	0.00031	mg/Kg	☼	09/29/25 10:10	10/05/25 07:55	1
1,1,2-Trichloroethane	0.0010	U	0.0010	0.00062	mg/Kg	☼	09/29/25 10:10	10/05/25 07:55	1
1,1-Dichloroethane	0.0010	U	0.0010	0.00061	mg/Kg	☼	09/29/25 10:10	10/05/25 07:55	1
1,1-Dichloroethene	0.0010	U	0.0010	0.00023	mg/Kg	☼	09/29/25 10:10	10/05/25 07:55	1
1,2,3-Trichlorobenzene	0.0010	U	0.0010	0.00076	mg/Kg	☼	09/29/25 10:10	10/05/25 07:55	1
1,2,4-Trichlorobenzene	0.0010	U *	0.0010	0.00037	mg/Kg	☼	09/29/25 10:10	10/05/25 07:55	1
1,2,4-Trimethylbenzene	0.0010	U	0.0010	0.00025	mg/Kg	☼	09/29/25 10:10	10/05/25 07:55	1
1,2-Dibromo-3-Chloropropane	0.0010	U	0.0010	0.00047	mg/Kg	☼	09/29/25 10:10	10/05/25 07:55	1
1,2-Dichlorobenzene	0.0010	U	0.0010	0.00037	mg/Kg	☼	09/29/25 10:10	10/05/25 07:55	1
1,2-Dichloroethane	0.0010	U	0.0010	0.00030	mg/Kg	☼	09/29/25 10:10	10/05/25 07:55	1
1,2-Dichloropropane	0.0010	U	0.0010	0.00043	mg/Kg	☼	09/29/25 10:10	10/05/25 07:55	1
1,3,5-Trimethylbenzene	0.0010	U	0.0010	0.00032	mg/Kg	☼	09/29/25 10:10	10/05/25 07:55	1
1,3-Dichlorobenzene	0.0010	U	0.0010	0.00037	mg/Kg	☼	09/29/25 10:10	10/05/25 07:55	1
1,4-Dichlorobenzene	0.0010	U	0.0010	0.00053	mg/Kg	☼	09/29/25 10:10	10/05/25 07:55	1
2-Butanone (MEK)	0.0051	U	0.0051	0.00038	mg/Kg	☼	09/29/25 10:10	10/05/25 07:55	1
2-Hexanone	0.0051	U	0.0051	0.0018	mg/Kg	☼	09/29/25 10:10	10/05/25 07:55	1
4-Methyl-2-pentanone (MIBK)	0.0051	U	0.0051	0.0016	mg/Kg	☼	09/29/25 10:10	10/05/25 07:55	1
Acetone	0.0062	U	0.0062	0.0059	mg/Kg	☼	09/29/25 10:10	10/05/25 07:55	1
Benzene	0.0010	U	0.0010	0.00058	mg/Kg	☼	09/29/25 10:10	10/05/25 07:55	1
Bromoform	0.0010	U	0.0010	0.00044	mg/Kg	☼	09/29/25 10:10	10/05/25 07:55	1
Bromomethane	0.0021	U	0.0021	0.0010	mg/Kg	☼	09/29/25 10:10	10/05/25 07:55	1

Client Sample ID: 58E3_8-9
Date Collected: 09/26/25 12:40
Date Received: 09/26/25 16:20

Lab Sample ID: 460-335806-54
Matrix: Solid
Percent Solids: 85.2

Method: SW846 8260D - Volatile Organic Compounds by GC/MS (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Carbon disulfide	0.0010	U	0.0010	0.00027	mg/Kg	☼	09/29/25 10:10	10/05/25 07:55	1
Carbon tetrachloride	0.0010	U	0.0010	0.00040	mg/Kg	☼	09/29/25 10:10	10/05/25 07:55	1
Chlorobenzene	0.0010	U	0.0010	0.00052	mg/Kg	☼	09/29/25 10:10	10/05/25 07:55	1
Chlorobromomethane	0.0010	U	0.0010	0.00061	mg/Kg	☼	09/29/25 10:10	10/05/25 07:55	1
Chlorodibromomethane	0.0010	U	0.0010	0.00055	mg/Kg	☼	09/29/25 10:10	10/05/25 07:55	1
Chloroethane	0.0010	U	0.0010	0.00054	mg/Kg	☼	09/29/25 10:10	10/05/25 07:55	1
Chloroform	0.0010	U	0.0010	0.0010	mg/Kg	☼	09/29/25 10:10	10/05/25 07:55	1
Chloromethane	0.0010	U	0.0010	0.00045	mg/Kg	☼	09/29/25 10:10	10/05/25 07:55	1
cis-1,2-Dichloroethene	0.0010	U	0.0010	0.00037	mg/Kg	☼	09/29/25 10:10	10/05/25 07:55	1
cis-1,3-Dichloropropene	0.0010	U	0.0010	0.00028	mg/Kg	☼	09/29/25 10:10	10/05/25 07:55	1
Cyclohexane	0.0010	U	0.0010	0.00023	mg/Kg	☼	09/29/25 10:10	10/05/25 07:55	1
Dichlorobromomethane	0.0010	U	0.0010	0.00026	mg/Kg	☼	09/29/25 10:10	10/05/25 07:55	1
Dichlorodifluoromethane	0.0010	U	0.0010	0.00035	mg/Kg	☼	09/29/25 10:10	10/05/25 07:55	1
Ethylbenzene	0.0010	U	0.0010	0.00048	mg/Kg	☼	09/29/25 10:10	10/05/25 07:55	1
Ethylene Dibromide	0.0010	U	0.0010	0.00052	mg/Kg	☼	09/29/25 10:10	10/05/25 07:55	1
Isopropylbenzene	0.0010	U	0.0010	0.00029	mg/Kg	☼	09/29/25 10:10	10/05/25 07:55	1
Methyl acetate	0.0051	U	0.0051	0.0044	mg/Kg	☼	09/29/25 10:10	10/05/25 07:55	1
Methyl tert-butyl ether	0.0010	U	0.0010	0.00053	mg/Kg	☼	09/29/25 10:10	10/05/25 07:55	1
Methylcyclohexane	0.0010	U	0.0010	0.00051	mg/Kg	☼	09/29/25 10:10	10/05/25 07:55	1
Methylene Chloride	0.0021	U	0.0021	0.0012	mg/Kg	☼	09/29/25 10:10	10/05/25 07:55	1
m-Xylene & p-Xylene	0.0010	U	0.0010	0.00043	mg/Kg	☼	09/29/25 10:10	10/05/25 07:55	1
n-Butylbenzene	0.0010	U	0.0010	0.00030	mg/Kg	☼	09/29/25 10:10	10/05/25 07:55	1
N-Propylbenzene	0.0010	U	0.0010	0.00046	mg/Kg	☼	09/29/25 10:10	10/05/25 07:55	1
o-Xylene	0.0010	U	0.0010	0.00047	mg/Kg	☼	09/29/25 10:10	10/05/25 07:55	1
sec-Butylbenzene	0.0010	U	0.0010	0.00030	mg/Kg	☼	09/29/25 10:10	10/05/25 07:55	1
Styrene	0.0010	U	0.0010	0.00029	mg/Kg	☼	09/29/25 10:10	10/05/25 07:55	1
tert-Butylbenzene	0.0010	U	0.0010	0.00028	mg/Kg	☼	09/29/25 10:10	10/05/25 07:55	1
Tetrachloroethene	0.0010	U	0.0010	0.00031	mg/Kg	☼	09/29/25 10:10	10/05/25 07:55	1
Toluene	0.0010	U	0.0010	0.00024	mg/Kg	☼	09/29/25 10:10	10/05/25 07:55	1
trans-1,2-Dichloroethene	0.0010	U	0.0010	0.00025	mg/Kg	☼	09/29/25 10:10	10/05/25 07:55	1
trans-1,3-Dichloropropene	0.0010	U	0.0010	0.00027	mg/Kg	☼	09/29/25 10:10	10/05/25 07:55	1
Trichloroethene	0.0010	U	0.0010	0.00033	mg/Kg	☼	09/29/25 10:10	10/05/25 07:55	1
Trichlorofluoromethane	0.0010	U	0.0010	0.00042	mg/Kg	☼	09/29/25 10:10	10/05/25 07:55	1
Vinyl chloride	0.0010	U	0.0010	0.00056	mg/Kg	☼	09/29/25 10:10	10/05/25 07:55	1
Xylenes, Total	0.0021	U	0.0021	0.00018	mg/Kg	☼	09/29/25 10:10	10/05/25 07:55	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,2-Dichloroethane-d4 (Surr)	*110*		*65 - 138*	*09/29/25 10:10*	*10/05/25 07:55*	*1*
4-Bromofluorobenzene	*99*		*71 - 128*	*09/29/25 10:10*	*10/05/25 07:55*	*1*
Dibromofluoromethane (Surr)	*116*		*50 - 150*	*09/29/25 10:10*	*10/05/25 07:55*	*1*
Toluene-d8 (Surr)	*94*		*71 - 126*	*09/29/25 10:10*	*10/05/25 07:55*	*1*

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Percent Moisture (EPA Moisture)	**14.8**		1.0	1.0	%			09/28/25 21:11	1
Percent Solids (EPA Moisture)	**85.2**		1.0	1.0	%			09/28/25 21:11	1

Client: Haley & Aldrich, Inc.
Project/Site: Former Port Mobil

Job ID: 460-335806-1

Client Sample ID: 58E2_9-10
Date Collected: 09/26/25 12:45
Date Received: 09/26/25 16:20

Lab Sample ID: 460-335806-55
Matrix: Solid
Percent Solids: 87.4

Method: SW846 8260D - Volatile Organic Compounds by GC/MS

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1-Trichloroethane	0.0018	U	0.0018	0.00042	mg/Kg	☼	09/29/25 10:11	10/05/25 08:18	1
1,1,2,2-Tetrachloroethane	0.0018	U	0.0018	0.00095	mg/Kg	☼	09/29/25 10:11	10/05/25 08:18	1
1,1,2-Trichloro-1,2,2-trifluoroethane	0.0018	U	0.0018	0.00055	mg/Kg	☼	09/29/25 10:11	10/05/25 08:18	1
1,1,2-Trichloroethane	0.0018	U	0.0018	0.0011	mg/Kg	☼	09/29/25 10:11	10/05/25 08:18	1
1,1-Dichloroethane	0.0018	U	0.0018	0.0011	mg/Kg	☼	09/29/25 10:11	10/05/25 08:18	1
1,1-Dichloroethene	0.0018	U	0.0018	0.00041	mg/Kg	☼	09/29/25 10:11	10/05/25 08:18	1
1,2,3-Trichlorobenzene	0.0018	U	0.0018	0.0013	mg/Kg	☼	09/29/25 10:11	10/05/25 08:18	1
1,2,4-Trichlorobenzene	0.0018	U *	0.0018	0.00065	mg/Kg	☼	09/29/25 10:11	10/05/25 08:18	1
1,2,4-Trimethylbenzene	0.0018	U	0.0018	0.00045	mg/Kg	☼	09/29/25 10:11	10/05/25 08:18	1
1,2-Dibromo-3-Chloropropane	0.0018	U	0.0018	0.00084	mg/Kg	☼	09/29/25 10:11	10/05/25 08:18	1
1,2-Dichlorobenzene	0.0018	U	0.0018	0.00066	mg/Kg	☼	09/29/25 10:11	10/05/25 08:18	1
1,2-Dichloroethane	0.0018	U	0.0018	0.00054	mg/Kg	☼	09/29/25 10:11	10/05/25 08:18	1
1,2-Dichloropropane	0.0018	U	0.0018	0.00077	mg/Kg	☼	09/29/25 10:11	10/05/25 08:18	1
1,3,5-Trimethylbenzene	0.0018	U	0.0018	0.00057	mg/Kg	☼	09/29/25 10:11	10/05/25 08:18	1
1,3-Dichlorobenzene	0.0018	U	0.0018	0.00066	mg/Kg	☼	09/29/25 10:11	10/05/25 08:18	1
1,4-Dichlorobenzene	0.0018	U	0.0018	0.00094	mg/Kg	☼	09/29/25 10:11	10/05/25 08:18	1
2-Butanone (MEK)	0.0091	U	0.0091	0.00067	mg/Kg	☼	09/29/25 10:11	10/05/25 08:18	1
2-Hexanone	0.0091	U	0.0091	0.0031	mg/Kg	☼	09/29/25 10:11	10/05/25 08:18	1
4-Methyl-2-pentanone (MIBK)	0.0091	U	0.0091	0.0028	mg/Kg	☼	09/29/25 10:11	10/05/25 08:18	1
Acetone	0.011	U	0.011	0.010	mg/Kg	☼	09/29/25 10:11	10/05/25 08:18	1
Benzene	0.0018	U	0.0018	0.0010	mg/Kg	☼	09/29/25 10:11	10/05/25 08:18	1
Bromoform	0.0018	U	0.0018	0.00077	mg/Kg	☼	09/29/25 10:11	10/05/25 08:18	1
Bromomethane	0.0036	U	0.0036	0.0018	mg/Kg	☼	09/29/25 10:11	10/05/25 08:18	1
Carbon disulfide	0.0018	U	0.0018	0.00048	mg/Kg	☼	09/29/25 10:11	10/05/25 08:18	1
Carbon tetrachloride	0.0018	U	0.0018	0.00070	mg/Kg	☼	09/29/25 10:11	10/05/25 08:18	1
Chlorobenzene	0.0018	U	0.0018	0.00092	mg/Kg	☼	09/29/25 10:11	10/05/25 08:18	1
Chlorobromomethane	0.0018	U	0.0018	0.0011	mg/Kg	☼	09/29/25 10:11	10/05/25 08:18	1
Chlorodibromomethane	0.0018	U	0.0018	0.00098	mg/Kg	☼	09/29/25 10:11	10/05/25 08:18	1
Chloroethane	0.0018	U	0.0018	0.00095	mg/Kg	☼	09/29/25 10:11	10/05/25 08:18	1
Chloroform	0.0018	U	0.0018	0.0018	mg/Kg	☼	09/29/25 10:11	10/05/25 08:18	1
Chloromethane	0.0018	U	0.0018	0.00079	mg/Kg	☼	09/29/25 10:11	10/05/25 08:18	1
cis-1,2-Dichloroethene	0.0018	U	0.0018	0.00065	mg/Kg	☼	09/29/25 10:11	10/05/25 08:18	1
cis-1,3-Dichloropropene	0.0018	U	0.0018	0.00050	mg/Kg	☼	09/29/25 10:11	10/05/25 08:18	1
Cyclohexane	0.0018	U	0.0018	0.00040	mg/Kg	☼	09/29/25 10:11	10/05/25 08:18	1
Dichlorobromomethane	0.0018	U	0.0018	0.00047	mg/Kg	☼	09/29/25 10:11	10/05/25 08:18	1
Dichlorodifluoromethane	0.0018	U	0.0018	0.00061	mg/Kg	☼	09/29/25 10:11	10/05/25 08:18	1
Ethylbenzene	0.0018	U	0.0018	0.00085	mg/Kg	☼	09/29/25 10:11	10/05/25 08:18	1
Ethylene Dibromide	0.0018	U	0.0018	0.00092	mg/Kg	☼	09/29/25 10:11	10/05/25 08:18	1
Isopropylbenzene	0.0018	U	0.0018	0.00052	mg/Kg	☼	09/29/25 10:11	10/05/25 08:18	1
Methyl acetate	0.0091	U	0.0091	0.0078	mg/Kg	☼	09/29/25 10:11	10/05/25 08:18	1
Methyl tert-butyl ether	0.0018	U	0.0018	0.00093	mg/Kg	☼	09/29/25 10:11	10/05/25 08:18	1
Methylcyclohexane	0.0018	U	0.0018	0.00091	mg/Kg	☼	09/29/25 10:11	10/05/25 08:18	1
Methylene Chloride	0.0036	U	0.0036	0.0021	mg/Kg	☼	09/29/25 10:11	10/05/25 08:18	1
m-Xylene & p-Xylene	0.0018	U	0.0018	0.00077	mg/Kg	☼	09/29/25 10:11	10/05/25 08:18	1
n-Butylbenzene	0.0018	U	0.0018	0.00053	mg/Kg	☼	09/29/25 10:11	10/05/25 08:18	1
N-Propylbenzene	0.0018	U	0.0018	0.00082	mg/Kg	☼	09/29/25 10:11	10/05/25 08:18	1
o-Xylene	0.0018	U	0.0018	0.00084	mg/Kg	☼	09/29/25 10:11	10/05/25 08:18	1
sec-Butylbenzene	0.0018	U	0.0018	0.00052	mg/Kg	☼	09/29/25 10:11	10/05/25 08:18	1
Styrene	0.0018	U	0.0018	0.00051	mg/Kg	☼	09/29/25 10:11	10/05/25 08:18	1

Client Sample ID: 58E2_9-10

Lab Sample ID: 460-335806-55

Date Collected: 09/26/25 12:45
Matrix: Solid
Date Received: 09/26/25 16:20
Percent Solids: 87.4

Method: SW846 8260D - Volatile Organic Compounds by GC/MS (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
tert-Butylbenzene	0.0018	U	0.0018	0.00050	mg/Kg	☼	09/29/25 10:11	10/05/25 08:18	1
Tetrachloroethene	0.0018	U	0.0018	0.00055	mg/Kg	☼	09/29/25 10:11	10/05/25 08:18	1
Toluene	0.0018	U	0.0018	0.00043	mg/Kg	☼	09/29/25 10:11	10/05/25 08:18	1
trans-1,2-Dichloroethene	0.0018	U	0.0018	0.00045	mg/Kg	☼	09/29/25 10:11	10/05/25 08:18	1
trans-1,3-Dichloropropene	0.0018	U	0.0018	0.00048	mg/Kg	☼	09/29/25 10:11	10/05/25 08:18	1
Trichloroethene	0.0018	U	0.0018	0.00058	mg/Kg	☼	09/29/25 10:11	10/05/25 08:18	1
Trichlorofluoromethane	0.0018	U	0.0018	0.00074	mg/Kg	☼	09/29/25 10:11	10/05/25 08:18	1
Vinyl chloride	0.0018	U	0.0018	0.00099	mg/Kg	☼	09/29/25 10:11	10/05/25 08:18	1
Xylenes, Total	0.0036	U	0.0036	0.00032	mg/Kg	☼	09/29/25 10:11	10/05/25 08:18	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,2-Dichloroethane-d4 (Surr)	*107*		*65 - 138*	*09/29/25 10:11*	*10/05/25 08:18*	*1*
4-Bromofluorobenzene	*100*		*71 - 128*	*09/29/25 10:11*	*10/05/25 08:18*	*1*
Dibromofluoromethane (Surr)	*116*		*50 - 150*	*09/29/25 10:11*	*10/05/25 08:18*	*1*
Toluene-d8 (Surr)	*95*		*71 - 126*	*09/29/25 10:11*	*10/05/25 08:18*	*1*

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Percent Moisture (EPA Moisture)	**12.6**		1.0	1.0	%			09/28/25 21:11	1
Percent Solids (EPA Moisture)	**87.4**		1.0	1.0	%			09/28/25 21:11	1

Client Sample ID: 58F1_1-2

Lab Sample ID: 460-335806-56

Date Collected: 09/26/25 12:50
Matrix: Solid
Date Received: 09/26/25 16:20
Percent Solids: 88.2

Method: SW846 8260D - Volatile Organic Compounds by GC/MS

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1-Trichloroethane	0.0012	U	0.0012	0.00028	mg/Kg	☼	09/29/25 10:10	10/05/25 08:42	1
1,1,2,2-Tetrachloroethane	0.0012	U	0.0012	0.00063	mg/Kg	☼	09/29/25 10:10	10/05/25 08:42	1
1,1,2-Trichloro-1,2,2-trifluoroethane	0.0012	U	0.0012	0.00036	mg/Kg	☼	09/29/25 10:10	10/05/25 08:42	1
1,1,2-Trichloroethane	0.0012	U	0.0012	0.00073	mg/Kg	☼	09/29/25 10:10	10/05/25 08:42	1
1,1-Dichloroethane	0.0012	U	0.0012	0.00072	mg/Kg	☼	09/29/25 10:10	10/05/25 08:42	1
1,1-Dichloroethene	0.0012	U	0.0012	0.00027	mg/Kg	☼	09/29/25 10:10	10/05/25 08:42	1
1,2,3-Trichlorobenzene	0.0012	U	0.0012	0.00089	mg/Kg	☼	09/29/25 10:10	10/05/25 08:42	1
1,2,4-Trichlorobenzene	0.0012	U *	0.0012	0.00043	mg/Kg	☼	09/29/25 10:10	10/05/25 08:42	1
1,2,4-Trimethylbenzene	0.0012	U	0.0012	0.00030	mg/Kg	☼	09/29/25 10:10	10/05/25 08:42	1
1,2-Dibromo-3-Chloropropane	0.0012	U	0.0012	0.00056	mg/Kg	☼	09/29/25 10:10	10/05/25 08:42	1
1,2-Dichlorobenzene	0.0012	U	0.0012	0.00044	mg/Kg	☼	09/29/25 10:10	10/05/25 08:42	1
1,2-Dichloroethane	0.0012	U	0.0012	0.00036	mg/Kg	☼	09/29/25 10:10	10/05/25 08:42	1
1,2-Dichloropropane	0.0012	U	0.0012	0.00051	mg/Kg	☼	09/29/25 10:10	10/05/25 08:42	1
1,3,5-Trimethylbenzene	0.0012	U	0.0012	0.00038	mg/Kg	☼	09/29/25 10:10	10/05/25 08:42	1
1,3-Dichlorobenzene	0.0012	U	0.0012	0.00044	mg/Kg	☼	09/29/25 10:10	10/05/25 08:42	1
1,4-Dichlorobenzene	0.0012	U	0.0012	0.00063	mg/Kg	☼	09/29/25 10:10	10/05/25 08:42	1
2-Butanone (MEK)	0.0060	U	0.0060	0.00045	mg/Kg	☼	09/29/25 10:10	10/05/25 08:42	1
2-Hexanone	0.0060	U	0.0060	0.0021	mg/Kg	☼	09/29/25 10:10	10/05/25 08:42	1
4-Methyl-2-pentanone (MIBK)	0.0060	U	0.0060	0.0019	mg/Kg	☼	09/29/25 10:10	10/05/25 08:42	1
Acetone	0.0073	U	0.0073	0.0069	mg/Kg	☼	09/29/25 10:10	10/05/25 08:42	1
Benzene	0.0012	U	0.0012	0.00069	mg/Kg	☼	09/29/25 10:10	10/05/25 08:42	1
Bromoform	0.0012	U	0.0012	0.00051	mg/Kg	☼	09/29/25 10:10	10/05/25 08:42	1
Bromomethane	0.0024	U	0.0024	0.0012	mg/Kg	☼	09/29/25 10:10	10/05/25 08:42	1

Client: Haley & Aldrich, Inc.
Project/Site: Former Port Mobil

Job ID: 460-335806-1

Client Sample ID: 58F1_1-2
Date Collected: 09/26/25 12:50
Date Received: 09/26/25 16:20

Lab Sample ID: 460-335806-56
Matrix: Solid
Percent Solids: 88.2

Method: SW846 8260D - Volatile Organic Compounds by GC/MS (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Carbon disulfide	0.0012	U	0.0012	0.00032	mg/Kg	☼	09/29/25 10:10	10/05/25 08:42	1
Carbon tetrachloride	0.0012	U	0.0012	0.00047	mg/Kg	☼	09/29/25 10:10	10/05/25 08:42	1
Chlorobenzene	0.0012	U	0.0012	0.00061	mg/Kg	☼	09/29/25 10:10	10/05/25 08:42	1
Chlorobromomethane	0.0012	U	0.0012	0.00072	mg/Kg	☼	09/29/25 10:10	10/05/25 08:42	1
Chlorodibromomethane	0.0012	U	0.0012	0.00065	mg/Kg	☼	09/29/25 10:10	10/05/25 08:42	1
Chloroethane	0.0012	U	0.0012	0.00063	mg/Kg	☼	09/29/25 10:10	10/05/25 08:42	1
Chloroform	0.0012	U	0.0012	0.0012	mg/Kg	☼	09/29/25 10:10	10/05/25 08:42	1
Chloromethane	0.0012	U	0.0012	0.00053	mg/Kg	☼	09/29/25 10:10	10/05/25 08:42	1
cis-1,2-Dichloroethene	0.0012	U	0.0012	0.00043	mg/Kg	☼	09/29/25 10:10	10/05/25 08:42	1
cis-1,3-Dichloropropene	0.0012	U	0.0012	0.00033	mg/Kg	☼	09/29/25 10:10	10/05/25 08:42	1
Cyclohexane	0.0012	U	0.0012	0.00027	mg/Kg	☼	09/29/25 10:10	10/05/25 08:42	1
Dichlorobromomethane	0.0012	U	0.0012	0.00031	mg/Kg	☼	09/29/25 10:10	10/05/25 08:42	1
Dichlorodifluoromethane	0.0012	U	0.0012	0.00041	mg/Kg	☼	09/29/25 10:10	10/05/25 08:42	1
Ethylbenzene	0.0012	U	0.0012	0.00057	mg/Kg	☼	09/29/25 10:10	10/05/25 08:42	1
Ethylene Dibromide	0.0012	U	0.0012	0.00061	mg/Kg	☼	09/29/25 10:10	10/05/25 08:42	1
Isopropylbenzene	0.0012	U	0.0012	0.00034	mg/Kg	☼	09/29/25 10:10	10/05/25 08:42	1
Methyl acetate	0.0060	U	0.0060	0.0052	mg/Kg	☼	09/29/25 10:10	10/05/25 08:42	1
Methyl tert-butyl ether	0.0012	U	0.0012	0.00062	mg/Kg	☼	09/29/25 10:10	10/05/25 08:42	1
Methylcyclohexane	0.0012	U	0.0012	0.00060	mg/Kg	☼	09/29/25 10:10	10/05/25 08:42	1
Methylene Chloride	0.0024	U	0.0024	0.0014	mg/Kg	☼	09/29/25 10:10	10/05/25 08:42	1
m-Xylene & p-Xylene	0.0012	U	0.0012	0.00051	mg/Kg	☼	09/29/25 10:10	10/05/25 08:42	1
n-Butylbenzene	0.0012	U	0.0012	0.00036	mg/Kg	☼	09/29/25 10:10	10/05/25 08:42	1
N-Propylbenzene	0.0012	U	0.0012	0.00054	mg/Kg	☼	09/29/25 10:10	10/05/25 08:42	1
o-Xylene	0.0012	U	0.0012	0.00056	mg/Kg	☼	09/29/25 10:10	10/05/25 08:42	1
sec-Butylbenzene	0.0012	U	0.0012	0.00035	mg/Kg	☼	09/29/25 10:10	10/05/25 08:42	1
Styrene	0.0012	U	0.0012	0.00034	mg/Kg	☼	09/29/25 10:10	10/05/25 08:42	1
tert-Butylbenzene	0.0012	U	0.0012	0.00033	mg/Kg	☼	09/29/25 10:10	10/05/25 08:42	1
Tetrachloroethene	0.0012	U	0.0012	0.00037	mg/Kg	☼	09/29/25 10:10	10/05/25 08:42	1
Toluene	0.0012	U	0.0012	0.00028	mg/Kg	☼	09/29/25 10:10	10/05/25 08:42	1
trans-1,2-Dichloroethene	0.0012	U	0.0012	0.00030	mg/Kg	☼	09/29/25 10:10	10/05/25 08:42	1
trans-1,3-Dichloropropene	0.0012	U	0.0012	0.00032	mg/Kg	☼	09/29/25 10:10	10/05/25 08:42	1
Trichloroethene	0.0012	U	0.0012	0.00039	mg/Kg	☼	09/29/25 10:10	10/05/25 08:42	1
Trichlorofluoromethane	0.0012	U	0.0012	0.00049	mg/Kg	☼	09/29/25 10:10	10/05/25 08:42	1
Vinyl chloride	0.0012	U	0.0012	0.00066	mg/Kg	☼	09/29/25 10:10	10/05/25 08:42	1
Xylenes, Total	0.0024	U	0.0024	0.00021	mg/Kg	☼	09/29/25 10:10	10/05/25 08:42	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,2-Dichloroethane-d4 (Surr)	*110*		*65 - 138*	*09/29/25 10:10*	*10/05/25 08:42*	*1*
4-Bromofluorobenzene	*100*		*71 - 128*	*09/29/25 10:10*	*10/05/25 08:42*	*1*
Dibromofluoromethane (Surr)	*119*		*50 - 150*	*09/29/25 10:10*	*10/05/25 08:42*	*1*
Toluene-d8 (Surr)	*95*		*71 - 126*	*09/29/25 10:10*	*10/05/25 08:42*	*1*

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Percent Moisture (EPA Moisture)	11.8		1.0	1.0	%			09/28/25 21:11	1
Percent Solids (EPA Moisture)	88.2		1.0	1.0	%			09/28/25 21:11	1

Client: Haley & Aldrich, Inc.
Project/Site: Former Port Mobil

Job ID: 460-335806-1

Client Sample ID: 58F2_3-4
Date Collected: 09/26/25 12:55
Date Received: 09/26/25 16:20

Lab Sample ID: 460-335806-57
Matrix: Solid
Percent Solids: 89.7

Method: SW846 8260D - Volatile Organic Compounds by GC/MS

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1-Trichloroethane	0.0011	U	0.0011	0.00026	mg/Kg	☼	09/29/25 10:11	10/05/25 09:05	1
1,1,2,2-Tetrachloroethane	0.0011	U	0.0011	0.00057	mg/Kg	☼	09/29/25 10:11	10/05/25 09:05	1
1,1,2-Trichloro-1,2,2-trifluoroethane	0.0011	U	0.0011	0.00033	mg/Kg	☼	09/29/25 10:11	10/05/25 09:05	1
1,1,2-Trichloroethane	0.0011	U	0.0011	0.00066	mg/Kg	☼	09/29/25 10:11	10/05/25 09:05	1
1,1-Dichloroethane	0.0011	U	0.0011	0.00065	mg/Kg	☼	09/29/25 10:11	10/05/25 09:05	1
1,1-Dichloroethene	0.0011	U	0.0011	0.00025	mg/Kg	☼	09/29/25 10:11	10/05/25 09:05	1
1,2,3-Trichlorobenzene	0.0011	U	0.0011	0.00081	mg/Kg	☼	09/29/25 10:11	10/05/25 09:05	1
1,2,4-Trichlorobenzene	0.0011	U *	0.0011	0.00039	mg/Kg	☼	09/29/25 10:11	10/05/25 09:05	1
1,2,4-Trimethylbenzene	0.0011	U	0.0011	0.00027	mg/Kg	☼	09/29/25 10:11	10/05/25 09:05	1
1,2-Dibromo-3-Chloropropane	0.0011	U	0.0011	0.00050	mg/Kg	☼	09/29/25 10:11	10/05/25 09:05	1
1,2-Dichlorobenzene	0.0011	U	0.0011	0.00040	mg/Kg	☼	09/29/25 10:11	10/05/25 09:05	1
1,2-Dichloroethane	0.0011	U	0.0011	0.00032	mg/Kg	☼	09/29/25 10:11	10/05/25 09:05	1
1,2-Dichloropropane	0.0011	U	0.0011	0.00046	mg/Kg	☼	09/29/25 10:11	10/05/25 09:05	1
1,3,5-Trimethylbenzene	0.0011	U	0.0011	0.00034	mg/Kg	☼	09/29/25 10:11	10/05/25 09:05	1
1,3-Dichlorobenzene	0.0011	U	0.0011	0.00040	mg/Kg	☼	09/29/25 10:11	10/05/25 09:05	1
1,4-Dichlorobenzene	0.0011	U	0.0011	0.00057	mg/Kg	☼	09/29/25 10:11	10/05/25 09:05	1
2-Butanone (MEK)	0.0055	U	0.0055	0.00040	mg/Kg	☼	09/29/25 10:11	10/05/25 09:05	1
2-Hexanone	0.0055	U	0.0055	0.0019	mg/Kg	☼	09/29/25 10:11	10/05/25 09:05	1
4-Methyl-2-pentanone (MIBK)	0.0055	U	0.0055	0.0017	mg/Kg	☼	09/29/25 10:11	10/05/25 09:05	1
Acetone	0.0066	U	0.0066	0.0063	mg/Kg	☼	09/29/25 10:11	10/05/25 09:05	1
Benzene	0.0011	U	0.0011	0.00062	mg/Kg	☼	09/29/25 10:11	10/05/25 09:05	1
Bromoform	0.0011	U	0.0011	0.00047	mg/Kg	☼	09/29/25 10:11	10/05/25 09:05	1
Bromomethane	0.0022	U	0.0022	0.0011	mg/Kg	☼	09/29/25 10:11	10/05/25 09:05	1
Carbon disulfide	0.0011	U	0.0011	0.00029	mg/Kg	☼	09/29/25 10:11	10/05/25 09:05	1
Carbon tetrachloride	0.0011	U	0.0011	0.00042	mg/Kg	☼	09/29/25 10:11	10/05/25 09:05	1
Chlorobenzene	0.0011	U	0.0011	0.00055	mg/Kg	☼	09/29/25 10:11	10/05/25 09:05	1
Chlorobromomethane	0.0011	U	0.0011	0.00065	mg/Kg	☼	09/29/25 10:11	10/05/25 09:05	1
Chlorodibromomethane	0.0011	U	0.0011	0.00059	mg/Kg	☼	09/29/25 10:11	10/05/25 09:05	1
Chloroethane	0.0011	U	0.0011	0.00057	mg/Kg	☼	09/29/25 10:11	10/05/25 09:05	1
Chloroform	0.0011	U	0.0011	0.0011	mg/Kg	☼	09/29/25 10:11	10/05/25 09:05	1
Chloromethane	0.0011	U	0.0011	0.00048	mg/Kg	☼	09/29/25 10:11	10/05/25 09:05	1
cis-1,2-Dichloroethene	0.0011	U	0.0011	0.00039	mg/Kg	☼	09/29/25 10:11	10/05/25 09:05	1
cis-1,3-Dichloropropene	0.0011	U	0.0011	0.00030	mg/Kg	☼	09/29/25 10:11	10/05/25 09:05	1
Cyclohexane	0.0011	U	0.0011	0.00024	mg/Kg	☼	09/29/25 10:11	10/05/25 09:05	1
Dichlorobromomethane	0.0011	U	0.0011	0.00028	mg/Kg	☼	09/29/25 10:11	10/05/25 09:05	1
Dichlorodifluoromethane	0.0011	U	0.0011	0.00037	mg/Kg	☼	09/29/25 10:11	10/05/25 09:05	1
Ethylbenzene	0.0011	U	0.0011	0.00051	mg/Kg	☼	09/29/25 10:11	10/05/25 09:05	1
Ethylene Dibromide	0.0011	U	0.0011	0.00055	mg/Kg	☼	09/29/25 10:11	10/05/25 09:05	1
Isopropylbenzene	0.0011	U	0.0011	0.00031	mg/Kg	☼	09/29/25 10:11	10/05/25 09:05	1
Methyl acetate	0.0055	U	0.0055	0.0047	mg/Kg	☼	09/29/25 10:11	10/05/25 09:05	1
Methyl tert-butyl ether	0.0011	U	0.0011	0.00056	mg/Kg	☼	09/29/25 10:11	10/05/25 09:05	1
Methylcyclohexane	0.0011	U	0.0011	0.00055	mg/Kg	☼	09/29/25 10:11	10/05/25 09:05	1
Methylene Chloride	0.0022	U	0.0022	0.0013	mg/Kg	☼	09/29/25 10:11	10/05/25 09:05	1
m-Xylene & p-Xylene	0.0011	U	0.0011	0.00046	mg/Kg	☼	09/29/25 10:11	10/05/25 09:05	1
n-Butylbenzene	0.0011	U	0.0011	0.00032	mg/Kg	☼	09/29/25 10:11	10/05/25 09:05	1
N-Propylbenzene	0.0011	U	0.0011	0.00049	mg/Kg	☼	09/29/25 10:11	10/05/25 09:05	1
o-Xylene	0.0011	U	0.0011	0.00050	mg/Kg	☼	09/29/25 10:11	10/05/25 09:05	1
sec-Butylbenzene	0.0011	U	0.0011	0.00032	mg/Kg	☼	09/29/25 10:11	10/05/25 09:05	1
Styrene	0.0011	U	0.0011	0.00030	mg/Kg	☼	09/29/25 10:11	10/05/25 09:05	1

Client Sample ID: 58F2_3-4

Lab Sample ID: 460-335806-57

Date Collected: 09/26/25 12:55
Matrix: Solid
Date Received: 09/26/25 16:20
Percent Solids: 89.7

Method: SW846 8260D - Volatile Organic Compounds by GC/MS (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
tert-Butylbenzene	0.0011	U	0.0011	0.00030	mg/Kg	☼	09/29/25 10:11	10/05/25 09:05	1
Tetrachloroethene	0.0011	U	0.0011	0.00033	mg/Kg	☼	09/29/25 10:11	10/05/25 09:05	1
Toluene	0.0011	U	0.0011	0.00026	mg/Kg	☼	09/29/25 10:11	10/05/25 09:05	1
trans-1,2-Dichloroethene	0.0011	U	0.0011	0.00027	mg/Kg	☼	09/29/25 10:11	10/05/25 09:05	1
trans-1,3-Dichloropropene	0.0011	U	0.0011	0.00029	mg/Kg	☼	09/29/25 10:11	10/05/25 09:05	1
Trichloroethene	0.0011	U	0.0011	0.00035	mg/Kg	☼	09/29/25 10:11	10/05/25 09:05	1
Trichlorofluoromethane	0.0011	U	0.0011	0.00044	mg/Kg	☼	09/29/25 10:11	10/05/25 09:05	1
Vinyl chloride	0.0011	U	0.0011	0.00060	mg/Kg	☼	09/29/25 10:11	10/05/25 09:05	1
Xylenes, Total	0.0022	U	0.0022	0.00019	mg/Kg	☼	09/29/25 10:11	10/05/25 09:05	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,2-Dichloroethane-d4 (Surr)	*111*		*65 - 138*	*09/29/25 10:11*	*10/05/25 09:05*	*1*
4-Bromofluorobenzene	*99*		*71 - 128*	*09/29/25 10:11*	*10/05/25 09:05*	*1*
Dibromofluoromethane (Surr)	*118*		*50 - 150*	*09/29/25 10:11*	*10/05/25 09:05*	*1*
Toluene-d8 (Surr)	*95*		*71 - 126*	*09/29/25 10:11*	*10/05/25 09:05*	*1*

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Percent Moisture (EPA Moisture)	**10.3**		1.0	1.0	%			09/28/25 21:11	1
Percent Solids (EPA Moisture)	**89.7**		1.0	1.0	%			09/28/25 21:11	1

Client Sample ID: 58F3_4-5

Lab Sample ID: 460-335806-58

Date Collected: 09/26/25 13:00
Matrix: Solid
Date Received: 09/26/25 16:20
Percent Solids: 89.0

Method: SW846 8260D - Volatile Organic Compounds by GC/MS

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1-Trichloroethane	0.0014	U	0.0014	0.00033	mg/Kg	☼	09/29/25 10:11	10/05/25 09:28	1
1,1,2,2-Tetrachloroethane	0.0014	U	0.0014	0.00073	mg/Kg	☼	09/29/25 10:11	10/05/25 09:28	1
1,1,2-Trichloro-1,2,2-trifluoroethane	0.0014	U	0.0014	0.00042	mg/Kg	☼	09/29/25 10:11	10/05/25 09:28	1
1,1,2-Trichloroethane	0.0014	U	0.0014	0.00084	mg/Kg	☼	09/29/25 10:11	10/05/25 09:28	1
1,1-Dichloroethane	0.0014	U	0.0014	0.00083	mg/Kg	☼	09/29/25 10:11	10/05/25 09:28	1
1,1-Dichloroethene	0.0014	U	0.0014	0.00031	mg/Kg	☼	09/29/25 10:11	10/05/25 09:28	1
1,2,3-Trichlorobenzene	0.0014	U	0.0014	0.0010	mg/Kg	☼	09/29/25 10:11	10/05/25 09:28	1
1,2,4-Trichlorobenzene	0.0014	U *	0.0014	0.00050	mg/Kg	☼	09/29/25 10:11	10/05/25 09:28	1
1,2,4-Trimethylbenzene	0.0014	U	0.0014	0.00034	mg/Kg	☼	09/29/25 10:11	10/05/25 09:28	1
1,2-Dibromo-3-Chloropropane	0.0014	U	0.0014	0.00064	mg/Kg	☼	09/29/25 10:11	10/05/25 09:28	1
1,2-Dichlorobenzene	0.0014	U	0.0014	0.00050	mg/Kg	☼	09/29/25 10:11	10/05/25 09:28	1
1,2-Dichloroethane	0.0014	U	0.0014	0.00041	mg/Kg	☼	09/29/25 10:11	10/05/25 09:28	1
1,2-Dichloropropane	0.0014	U	0.0014	0.00059	mg/Kg	☼	09/29/25 10:11	10/05/25 09:28	1
1,3,5-Trimethylbenzene	0.0014	U	0.0014	0.00044	mg/Kg	☼	09/29/25 10:11	10/05/25 09:28	1
1,3-Dichlorobenzene	0.0014	U	0.0014	0.00051	mg/Kg	☼	09/29/25 10:11	10/05/25 09:28	1
1,4-Dichlorobenzene	0.0014	U	0.0014	0.00072	mg/Kg	☼	09/29/25 10:11	10/05/25 09:28	1
2-Butanone (MEK)	0.0070	U	0.0070	0.00051	mg/Kg	☼	09/29/25 10:11	10/05/25 09:28	1
2-Hexanone	0.0070	U	0.0070	0.0024	mg/Kg	☼	09/29/25 10:11	10/05/25 09:28	1
4-Methyl-2-pentanone (MIBK)	0.0070	U	0.0070	0.0022	mg/Kg	☼	09/29/25 10:11	10/05/25 09:28	1
Acetone	0.0084	U	0.0084	0.0080	mg/Kg	☼	09/29/25 10:11	10/05/25 09:28	1
Benzene	0.0014	U	0.0014	0.00079	mg/Kg	☼	09/29/25 10:11	10/05/25 09:28	1
Bromoform	0.0014	U	0.0014	0.00059	mg/Kg	☼	09/29/25 10:11	10/05/25 09:28	1
Bromomethane	0.0028	U	0.0028	0.0014	mg/Kg	☼	09/29/25 10:11	10/05/25 09:28	1

Client Sample ID: 58F3_4-5
Date Collected: 09/26/25 13:00
Date Received: 09/26/25 16:20

Lab Sample ID: 460-335806-58
Matrix: Solid
Percent Solids: 89.0

Method: SW846 8260D - Volatile Organic Compounds by GC/MS (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Carbon disulfide	0.0014	U	0.0014	0.00037	mg/Kg	☼	09/29/25 10:11	10/05/25 09:28	1
Carbon tetrachloride	0.0014	U	0.0014	0.00054	mg/Kg	☼	09/29/25 10:11	10/05/25 09:28	1
Chlorobenzene	0.0014	U	0.0014	0.00071	mg/Kg	☼	09/29/25 10:11	10/05/25 09:28	1
Chlorobromomethane	0.0014	U	0.0014	0.00083	mg/Kg	☼	09/29/25 10:11	10/05/25 09:28	1
Chlorodibromomethane	0.0014	U	0.0014	0.00075	mg/Kg	☼	09/29/25 10:11	10/05/25 09:28	1
Chloroethane	0.0014	U	0.0014	0.00073	mg/Kg	☼	09/29/25 10:11	10/05/25 09:28	1
Chloroform	0.0014	U	0.0014	0.0014	mg/Kg	☼	09/29/25 10:11	10/05/25 09:28	1
Chloromethane	0.0014	U	0.0014	0.00061	mg/Kg	☼	09/29/25 10:11	10/05/25 09:28	1
cis-1,2-Dichloroethene	0.0014	U	0.0014	0.00050	mg/Kg	☼	09/29/25 10:11	10/05/25 09:28	1
cis-1,3-Dichloropropene	0.0014	U	0.0014	0.00038	mg/Kg	☼	09/29/25 10:11	10/05/25 09:28	1
Cyclohexane	0.0014	U	0.0014	0.00031	mg/Kg	☼	09/29/25 10:11	10/05/25 09:28	1
Dichlorobromomethane	0.0014	U	0.0014	0.00036	mg/Kg	☼	09/29/25 10:11	10/05/25 09:28	1
Dichlorodifluoromethane	0.0014	U	0.0014	0.00047	mg/Kg	☼	09/29/25 10:11	10/05/25 09:28	1
Ethylbenzene	0.0014	U	0.0014	0.00065	mg/Kg	☼	09/29/25 10:11	10/05/25 09:28	1
Ethylene Dibromide	0.0014	U	0.0014	0.00070	mg/Kg	☼	09/29/25 10:11	10/05/25 09:28	1
Isopropylbenzene	0.0014	U	0.0014	0.00040	mg/Kg	☼	09/29/25 10:11	10/05/25 09:28	1
Methyl acetate	0.0070	U	0.0070	0.0060	mg/Kg	☼	09/29/25 10:11	10/05/25 09:28	1
Methyl tert-butyl ether	0.0014	U	0.0014	0.00071	mg/Kg	☼	09/29/25 10:11	10/05/25 09:28	1
Methylcyclohexane	0.0014	U	0.0014	0.00070	mg/Kg	☼	09/29/25 10:11	10/05/25 09:28	1
Methylene Chloride	**0.0018**	**J**	0.0028	0.0016	mg/Kg	☼	09/29/25 10:11	10/05/25 09:28	1
m-Xylene & p-Xylene	0.0014	U	0.0014	0.00059	mg/Kg	☼	09/29/25 10:11	10/05/25 09:28	1
n-Butylbenzene	0.0014	U	0.0014	0.00041	mg/Kg	☼	09/29/25 10:11	10/05/25 09:28	1
N-Propylbenzene	0.0014	U	0.0014	0.00063	mg/Kg	☼	09/29/25 10:11	10/05/25 09:28	1
o-Xylene	0.0014	U	0.0014	0.00064	mg/Kg	☼	09/29/25 10:11	10/05/25 09:28	1
sec-Butylbenzene	0.0014	U	0.0014	0.00040	mg/Kg	☼	09/29/25 10:11	10/05/25 09:28	1
Styrene	0.0014	U	0.0014	0.00039	mg/Kg	☼	09/29/25 10:11	10/05/25 09:28	1
tert-Butylbenzene	0.0014	U	0.0014	0.00039	mg/Kg	☼	09/29/25 10:11	10/05/25 09:28	1
Tetrachloroethene	0.0014	U	0.0014	0.00043	mg/Kg	☼	09/29/25 10:11	10/05/25 09:28	1
Toluene	0.0014	U	0.0014	0.00033	mg/Kg	☼	09/29/25 10:11	10/05/25 09:28	1
trans-1,2-Dichloroethene	0.0014	U	0.0014	0.00034	mg/Kg	☼	09/29/25 10:11	10/05/25 09:28	1
trans-1,3-Dichloropropene	0.0014	U	0.0014	0.00037	mg/Kg	☼	09/29/25 10:11	10/05/25 09:28	1
Trichloroethene	0.0014	U	0.0014	0.00045	mg/Kg	☼	09/29/25 10:11	10/05/25 09:28	1
Trichlorofluoromethane	0.0014	U	0.0014	0.00057	mg/Kg	☼	09/29/25 10:11	10/05/25 09:28	1
Vinyl chloride	0.0014	U	0.0014	0.00076	mg/Kg	☼	09/29/25 10:11	10/05/25 09:28	1
Xylenes, Total	0.0028	U	0.0028	0.00024	mg/Kg	☼	09/29/25 10:11	10/05/25 09:28	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,2-Dichloroethane-d4 (Surr)	*109*		*65 - 138*	*09/29/25 10:11*	*10/05/25 09:28*	*1*
4-Bromofluorobenzene	*100*		*71 - 128*	*09/29/25 10:11*	*10/05/25 09:28*	*1*
Dibromofluoromethane (Surr)	*116*		*50 - 150*	*09/29/25 10:11*	*10/05/25 09:28*	*1*
Toluene-d8 (Surr)	*95*		*71 - 126*	*09/29/25 10:11*	*10/05/25 09:28*	*1*

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Percent Moisture (EPA Moisture)	**11.0**		1.0	1.0	%			09/28/25 21:11	1
Percent Solids (EPA Moisture)	**89.0**		1.0	1.0	%			09/28/25 21:11	1

Client Sample ID: 58F1_5-6

Date Collected: 09/26/25 13:05
Date Received: 09/26/25 16:20

Lab Sample ID: 460-335806-59

Matrix: Solid
Percent Solids: 88.8

Method: SW846 8260D - Volatile Organic Compounds by GC/MS

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1-Trichloroethane	0.0011	U	0.0011	0.00026	mg/Kg	☼	09/29/25 10:12	10/05/25 21:24	1
1,1,2,2-Tetrachloroethane	0.0011	U	0.0011	0.00058	mg/Kg	☼	09/29/25 10:12	10/05/25 21:24	1
1,1,2-Trichloro-1,2,2-trifluoroethane	0.0011	U	0.0011	0.00034	mg/Kg	☼	09/29/25 10:12	10/05/25 21:24	1
1,1,2-Trichloroethane	0.0011	U	0.0011	0.00067	mg/Kg	☼	09/29/25 10:12	10/05/25 21:24	1
1,1-Dichloroethane	0.0011	U	0.0011	0.00067	mg/Kg	☼	09/29/25 10:12	10/05/25 21:24	1
1,1-Dichloroethene	0.0011	U *	0.0011	0.00025	mg/Kg	☼	09/29/25 10:12	10/05/25 21:24	1
1,2,3-Trichlorobenzene	0.0011	U	0.0011	0.00083	mg/Kg	☼	09/29/25 10:12	10/05/25 21:24	1
1,2,4-Trichlorobenzene	0.0011	U	0.0011	0.00040	mg/Kg	☼	09/29/25 10:12	10/05/25 21:24	1
1,2,4-Trimethylbenzene	0.0011	U	0.0011	0.00028	mg/Kg	☼	09/29/25 10:12	10/05/25 21:24	1
1,2-Dibromo-3-Chloropropane	0.0011	U	0.0011	0.00052	mg/Kg	☼	09/29/25 10:12	10/05/25 21:24	1
1,2-Dichlorobenzene	0.0011	U	0.0011	0.00040	mg/Kg	☼	09/29/25 10:12	10/05/25 21:24	1
1,2-Dichloroethane	0.0011	U	0.0011	0.00033	mg/Kg	☼	09/29/25 10:12	10/05/25 21:24	1
1,2-Dichloropropane	0.0011	U	0.0011	0.00047	mg/Kg	☼	09/29/25 10:12	10/05/25 21:24	1
1,3,5-Trimethylbenzene	0.0011	U	0.0011	0.00035	mg/Kg	☼	09/29/25 10:12	10/05/25 21:24	1
1,3-Dichlorobenzene	0.0011	U	0.0011	0.00041	mg/Kg	☼	09/29/25 10:12	10/05/25 21:24	1
1,4-Dichlorobenzene	0.0011	U	0.0011	0.00058	mg/Kg	☼	09/29/25 10:12	10/05/25 21:24	1
2-Butanone (MEK)	0.0056	U	0.0056	0.00041	mg/Kg	☼	09/29/25 10:12	10/05/25 21:24	1
2-Hexanone	0.0056	U	0.0056	0.0019	mg/Kg	☼	09/29/25 10:12	10/05/25 21:24	1
4-Methyl-2-pentanone (MIBK)	0.0056	U	0.0056	0.0017	mg/Kg	☼	09/29/25 10:12	10/05/25 21:24	1
Acetone	0.0067	U	0.0067	0.0064	mg/Kg	☼	09/29/25 10:12	10/05/25 21:24	1
Benzene	0.0011	U	0.0011	0.00064	mg/Kg	☼	09/29/25 10:12	10/05/25 21:24	1
Bromoform	0.0011	U	0.0011	0.00048	mg/Kg	☼	09/29/25 10:12	10/05/25 21:24	1
Bromomethane	0.0022	U	0.0022	0.0011	mg/Kg	☼	09/29/25 10:12	10/05/25 21:24	1
Carbon disulfide	0.0011	U	0.0011	0.00030	mg/Kg	☼	09/29/25 10:12	10/05/25 21:24	1
Carbon tetrachloride	0.0011	U	0.0011	0.00043	mg/Kg	☼	09/29/25 10:12	10/05/25 21:24	1
Chlorobenzene	0.0011	U	0.0011	0.00057	mg/Kg	☼	09/29/25 10:12	10/05/25 21:24	1
Chlorobromomethane	0.0011	U	0.0011	0.00067	mg/Kg	☼	09/29/25 10:12	10/05/25 21:24	1
Chlorodibromomethane	0.0011	U	0.0011	0.00060	mg/Kg	☼	09/29/25 10:12	10/05/25 21:24	1
Chloroethane	0.0011	U	0.0011	0.00058	mg/Kg	☼	09/29/25 10:12	10/05/25 21:24	1
Chloroform	0.0011	U	0.0011	0.0011	mg/Kg	☼	09/29/25 10:12	10/05/25 21:24	1
Chloromethane	0.0011	U	0.0011	0.00049	mg/Kg	☼	09/29/25 10:12	10/05/25 21:24	1
cis-1,2-Dichloroethene	0.0011	U	0.0011	0.00040	mg/Kg	☼	09/29/25 10:12	10/05/25 21:24	1
cis-1,3-Dichloropropene	0.0011	U	0.0011	0.00031	mg/Kg	☼	09/29/25 10:12	10/05/25 21:24	1
Cyclohexane	0.0011	U	0.0011	0.00025	mg/Kg	☼	09/29/25 10:12	10/05/25 21:24	1
Dichlorobromomethane	0.0011	U	0.0011	0.00029	mg/Kg	☼	09/29/25 10:12	10/05/25 21:24	1
Dichlorodifluoromethane	0.0011	U	0.0011	0.00038	mg/Kg	☼	09/29/25 10:12	10/05/25 21:24	1
Ethylbenzene	0.0011	U	0.0011	0.00052	mg/Kg	☼	09/29/25 10:12	10/05/25 21:24	1
Ethylene Dibromide	0.0011	U	0.0011	0.00056	mg/Kg	☼	09/29/25 10:12	10/05/25 21:24	1
Isopropylbenzene	0.0011	U	0.0011	0.00032	mg/Kg	☼	09/29/25 10:12	10/05/25 21:24	1
Methyl acetate	0.0056	U	0.0056	0.0048	mg/Kg	☼	09/29/25 10:12	10/05/25 21:24	1
Methyl tert-butyl ether	0.0011	U	0.0011	0.00057	mg/Kg	☼	09/29/25 10:12	10/05/25 21:24	1
Methylcyclohexane	0.0011	U	0.0011	0.00056	mg/Kg	☼	09/29/25 10:12	10/05/25 21:24	1
Methylene Chloride	**0.0028**		0.0022	0.0013	mg/Kg	☼	09/29/25 10:12	10/05/25 21:24	1
m-Xylene & p-Xylene	0.0011	U	0.0011	0.00047	mg/Kg	☼	09/29/25 10:12	10/05/25 21:24	1
n-Butylbenzene	0.0011	U	0.0011	0.00033	mg/Kg	☼	09/29/25 10:12	10/05/25 21:24	1
N-Propylbenzene	0.0011	U	0.0011	0.00050	mg/Kg	☼	09/29/25 10:12	10/05/25 21:24	1
o-Xylene	0.0011	U	0.0011	0.00052	mg/Kg	☼	09/29/25 10:12	10/05/25 21:24	1
sec-Butylbenzene	0.0011	U	0.0011	0.00032	mg/Kg	☼	09/29/25 10:12	10/05/25 21:24	1
Styrene	0.0011	U	0.0011	0.00031	mg/Kg	☼	09/29/25 10:12	10/05/25 21:24	1

Client Sample ID: 58F1_5-6

Lab Sample ID: 460-335806-59

Date Collected: 09/26/25 13:05
Matrix: Solid
Date Received: 09/26/25 16:20
Percent Solids: 88.8

Method: SW846 8260D - Volatile Organic Compounds by GC/MS (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
tert-Butylbenzene	0.0011	U	0.0011	0.00031	mg/Kg	☼	09/29/25 10:12	10/05/25 21:24	1
Tetrachloroethene	0.0011	U	0.0011	0.00034	mg/Kg	☼	09/29/25 10:12	10/05/25 21:24	1
Toluene	0.0011	U	0.0011	0.00026	mg/Kg	☼	09/29/25 10:12	10/05/25 21:24	1
trans-1,2-Dichloroethene	0.0011	U	0.0011	0.00028	mg/Kg	☼	09/29/25 10:12	10/05/25 21:24	1
trans-1,3-Dichloropropene	0.0011	U	0.0011	0.00030	mg/Kg	☼	09/29/25 10:12	10/05/25 21:24	1
Trichloroethene	0.0011	U	0.0011	0.00036	mg/Kg	☼	09/29/25 10:12	10/05/25 21:24	1
Trichlorofluoromethane	0.0011	U	0.0011	0.00045	mg/Kg	☼	09/29/25 10:12	10/05/25 21:24	1
Vinyl chloride	0.0011	U	0.0011	0.00061	mg/Kg	☼	09/29/25 10:12	10/05/25 21:24	1
Xylenes, Total	0.0022	U	0.0022	0.00019	mg/Kg	☼	09/29/25 10:12	10/05/25 21:24	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,2-Dichloroethane-d4 (Surr)	*110*		*65 - 138*	*09/29/25 10:12*	*10/05/25 21:24*	*1*
4-Bromofluorobenzene	*98*		*71 - 128*	*09/29/25 10:12*	*10/05/25 21:24*	*1*
Dibromofluoromethane (Surr)	*117*		*50 - 150*	*09/29/25 10:12*	*10/05/25 21:24*	*1*
Toluene-d8 (Surr)	*95*		*71 - 126*	*09/29/25 10:12*	*10/05/25 21:24*	*1*

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Percent Moisture (EPA Moisture)	**11.2**		1.0	1.0	%			09/28/25 21:11	1
Percent Solids (EPA Moisture)	**88.8**		1.0	1.0	%			09/28/25 21:11	1

Client Sample ID: 58F2_7-8

Lab Sample ID: 460-335806-60

Date Collected: 09/26/25 13:10
Matrix: Solid
Date Received: 09/26/25 16:20
Percent Solids: 93.1

Method: SW846 8260D - Volatile Organic Compounds by GC/MS

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1-Trichloroethane	0.00067	U	0.00067	0.00016	mg/Kg	☼	09/29/25 10:12	10/05/25 21:47	1
1,1,2,2-Tetrachloroethane	0.00067	U	0.00067	0.00035	mg/Kg	☼	09/29/25 10:12	10/05/25 21:47	1
1,1,2-Trichloro-1,2,2-trifluoroethane	0.00067	U	0.00067	0.00020	mg/Kg	☼	09/29/25 10:12	10/05/25 21:47	1
1,1,2-Trichloroethane	0.00067	U	0.00067	0.00040	mg/Kg	☼	09/29/25 10:12	10/05/25 21:47	1
1,1-Dichloroethane	0.00067	U	0.00067	0.00040	mg/Kg	☼	09/29/25 10:12	10/05/25 21:47	1
1,1-Dichloroethene	0.00067	U *	0.00067	0.00015	mg/Kg	☼	09/29/25 10:12	10/05/25 21:47	1
1,2,3-Trichlorobenzene	0.00067	U	0.00067	0.00049	mg/Kg	☼	09/29/25 10:12	10/05/25 21:47	1
1,2,4-Trichlorobenzene	0.00067	U	0.00067	0.00024	mg/Kg	☼	09/29/25 10:12	10/05/25 21:47	1
1,2,4-Trimethylbenzene	0.00067	U	0.00067	0.00016	mg/Kg	☼	09/29/25 10:12	10/05/25 21:47	1
1,2-Dibromo-3-Chloropropane	0.00067	U	0.00067	0.00031	mg/Kg	☼	09/29/25 10:12	10/05/25 21:47	1
1,2-Dichlorobenzene	0.00067	U	0.00067	0.00024	mg/Kg	☼	09/29/25 10:12	10/05/25 21:47	1
1,2-Dichloroethane	0.00067	U	0.00067	0.00020	mg/Kg	☼	09/29/25 10:12	10/05/25 21:47	1
1,2-Dichloropropane	0.00067	U	0.00067	0.00028	mg/Kg	☼	09/29/25 10:12	10/05/25 21:47	1
1,3,5-Trimethylbenzene	0.00067	U	0.00067	0.00021	mg/Kg	☼	09/29/25 10:12	10/05/25 21:47	1
1,3-Dichlorobenzene	0.00067	U	0.00067	0.00024	mg/Kg	☼	09/29/25 10:12	10/05/25 21:47	1
1,4-Dichlorobenzene	0.00067	U	0.00067	0.00035	mg/Kg	☼	09/29/25 10:12	10/05/25 21:47	1
2-Butanone (MEK)	0.0033	U	0.0033	0.00025	mg/Kg	☼	09/29/25 10:12	10/05/25 21:47	1
2-Hexanone	0.0033	U	0.0033	0.0011	mg/Kg	☼	09/29/25 10:12	10/05/25 21:47	1
4-Methyl-2-pentanone (MIBK)	0.0033	U	0.0033	0.0010	mg/Kg	☼	09/29/25 10:12	10/05/25 21:47	1
Acetone	0.0040	U	0.0040	0.0038	mg/Kg	☼	09/29/25 10:12	10/05/25 21:47	1
Benzene	0.00067	U	0.00067	0.00038	mg/Kg	☼	09/29/25 10:12	10/05/25 21:47	1
Bromoform	0.00067	U	0.00067	0.00028	mg/Kg	☼	09/29/25 10:12	10/05/25 21:47	1
Bromomethane	0.0013	U	0.0013	0.00067	mg/Kg	☼	09/29/25 10:12	10/05/25 21:47	1

Client Sample ID: 58F2_7-8
Date Collected: 09/26/25 13:10
Date Received: 09/26/25 16:20

Lab Sample ID: 460-335806-60
Matrix: Solid
Percent Solids: 93.1

Method: SW846 8260D - Volatile Organic Compounds by GC/MS (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Carbon disulfide	0.00067	U	0.00067	0.00018	mg/Kg	☼	09/29/25 10:12	10/05/25 21:47	1
Carbon tetrachloride	0.00067	U	0.00067	0.00026	mg/Kg	☼	09/29/25 10:12	10/05/25 21:47	1
Chlorobenzene	0.00067	U	0.00067	0.00034	mg/Kg	☼	09/29/25 10:12	10/05/25 21:47	1
Chlorobromomethane	0.00067	U	0.00067	0.00040	mg/Kg	☼	09/29/25 10:12	10/05/25 21:47	1
Chlorodibromomethane	0.00067	U	0.00067	0.00036	mg/Kg	☼	09/29/25 10:12	10/05/25 21:47	1
Chloroethane	0.00067	U	0.00067	0.00035	mg/Kg	☼	09/29/25 10:12	10/05/25 21:47	1
Chloroform	0.00067	U	0.00067	0.00065	mg/Kg	☼	09/29/25 10:12	10/05/25 21:47	1
Chloromethane	0.00067	U	0.00067	0.00029	mg/Kg	☼	09/29/25 10:12	10/05/25 21:47	1
cis-1,2-Dichloroethene	0.00067	U	0.00067	0.00024	mg/Kg	☼	09/29/25 10:12	10/05/25 21:47	1
cis-1,3-Dichloropropene	0.00067	U	0.00067	0.00018	mg/Kg	☼	09/29/25 10:12	10/05/25 21:47	1
Cyclohexane	0.00067	U	0.00067	0.00015	mg/Kg	☼	09/29/25 10:12	10/05/25 21:47	1
Dichlorobromomethane	0.00067	U	0.00067	0.00017	mg/Kg	☼	09/29/25 10:12	10/05/25 21:47	1
Dichlorodifluoromethane	0.00067	U	0.00067	0.00023	mg/Kg	☼	09/29/25 10:12	10/05/25 21:47	1
Ethylbenzene	0.00067	U	0.00067	0.00031	mg/Kg	☼	09/29/25 10:12	10/05/25 21:47	1
Ethylene Dibromide	0.00067	U	0.00067	0.00034	mg/Kg	☼	09/29/25 10:12	10/05/25 21:47	1
Isopropylbenzene	0.00067	U	0.00067	0.00019	mg/Kg	☼	09/29/25 10:12	10/05/25 21:47	1
Methyl acetate	0.0033	U	0.0033	0.0029	mg/Kg	☼	09/29/25 10:12	10/05/25 21:47	1
Methyl tert-butyl ether	0.00067	U	0.00067	0.00034	mg/Kg	☼	09/29/25 10:12	10/05/25 21:47	1
Methylcyclohexane	0.00067	U	0.00067	0.00033	mg/Kg	☼	09/29/25 10:12	10/05/25 21:47	1
Methylene Chloride	0.0013	U	0.0013	0.00076	mg/Kg	☼	09/29/25 10:12	10/05/25 21:47	1
m-Xylene & p-Xylene	0.00067	U	0.00067	0.00028	mg/Kg	☼	09/29/25 10:12	10/05/25 21:47	1
n-Butylbenzene	0.00067	U	0.00067	0.00020	mg/Kg	☼	09/29/25 10:12	10/05/25 21:47	1
N-Propylbenzene	0.00067	U	0.00067	0.00030	mg/Kg	☼	09/29/25 10:12	10/05/25 21:47	1
o-Xylene	0.00067	U	0.00067	0.00031	mg/Kg	☼	09/29/25 10:12	10/05/25 21:47	1
sec-Butylbenzene	0.00067	U	0.00067	0.00019	mg/Kg	☼	09/29/25 10:12	10/05/25 21:47	1
Styrene	0.00067	U	0.00067	0.00019	mg/Kg	☼	09/29/25 10:12	10/05/25 21:47	1
tert-Butylbenzene	0.00067	U	0.00067	0.00018	mg/Kg	☼	09/29/25 10:12	10/05/25 21:47	1
Tetrachloroethene	0.00067	U	0.00067	0.00020	mg/Kg	☼	09/29/25 10:12	10/05/25 21:47	1
Toluene	0.00067	U	0.00067	0.00016	mg/Kg	☼	09/29/25 10:12	10/05/25 21:47	1
trans-1,2-Dichloroethene	0.00067	U	0.00067	0.00016	mg/Kg	☼	09/29/25 10:12	10/05/25 21:47	1
trans-1,3-Dichloropropene	0.00067	U	0.00067	0.00018	mg/Kg	☼	09/29/25 10:12	10/05/25 21:47	1
Trichloroethene	0.00067	U	0.00067	0.00021	mg/Kg	☼	09/29/25 10:12	10/05/25 21:47	1
Trichlorofluoromethane	0.00067	U	0.00067	0.00027	mg/Kg	☼	09/29/25 10:12	10/05/25 21:47	1
Vinyl chloride	0.00067	U	0.00067	0.00036	mg/Kg	☼	09/29/25 10:12	10/05/25 21:47	1
Xylenes, Total	0.0013	U	0.0013	0.00012	mg/Kg	☼	09/29/25 10:12	10/05/25 21:47	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,2-Dichloroethane-d4 (Surr)	*108*		*65 - 138*	*09/29/25 10:12*	*10/05/25 21:47*	*1*
4-Bromofluorobenzene	*99*		*71 - 128*	*09/29/25 10:12*	*10/05/25 21:47*	*1*
Dibromofluoromethane (Surr)	*115*		*50 - 150*	*09/29/25 10:12*	*10/05/25 21:47*	*1*
Toluene-d8 (Surr)	*96*		*71 - 126*	*09/29/25 10:12*	*10/05/25 21:47*	*1*

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Percent Moisture (EPA Moisture)	**6.9**		1.0	1.0	%			09/28/25 21:11	1
Percent Solids (EPA Moisture)	**93.1**		1.0	1.0	%			09/28/25 21:11	1

Client: Haley & Aldrich, Inc.
Project/Site: Former Port Mobil

Job ID: 460-335806-1

Client Sample ID: 58F3_8-9
Date Collected: 09/26/25 13:15
Date Received: 09/26/25 16:20

Lab Sample ID: 460-335806-61
Matrix: Solid
Percent Solids: 87.1

Method: SW846 8260D - Volatile Organic Compounds by GC/MS

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1-Trichloroethane	0.00099	U	0.00099	0.00023	mg/Kg	☼	09/29/25 10:13	10/05/25 22:10	1
1,1,2,2-Tetrachloroethane	0.00099	U	0.00099	0.00052	mg/Kg	☼	09/29/25 10:13	10/05/25 22:10	1
1,1,2-Trichloro-1,2,2-trifluoroethane	0.00099	U	0.00099	0.00030	mg/Kg	☼	09/29/25 10:13	10/05/25 22:10	1
1,1,2-Trichloroethane	0.00099	U	0.00099	0.00060	mg/Kg	☼	09/29/25 10:13	10/05/25 22:10	1
1,1-Dichloroethane	0.00099	U	0.00099	0.00059	mg/Kg	☼	09/29/25 10:13	10/05/25 22:10	1
1,1-Dichloroethene	0.00099	U *	0.00099	0.00022	mg/Kg	☼	09/29/25 10:13	10/05/25 22:10	1
1,2,3-Trichlorobenzene	0.00099	U	0.00099	0.00073	mg/Kg	☼	09/29/25 10:13	10/05/25 22:10	1
1,2,4-Trichlorobenzene	0.00099	U	0.00099	0.00036	mg/Kg	☼	09/29/25 10:13	10/05/25 22:10	1
1,2,4-Trimethylbenzene	0.00099	U	0.00099	0.00024	mg/Kg	☼	09/29/25 10:13	10/05/25 22:10	1
1,2-Dibromo-3-Chloropropane	0.00099	U	0.00099	0.00046	mg/Kg	☼	09/29/25 10:13	10/05/25 22:10	1
1,2-Dichlorobenzene	0.00099	U	0.00099	0.00036	mg/Kg	☼	09/29/25 10:13	10/05/25 22:10	1
1,2-Dichloroethane	0.00099	U	0.00099	0.00029	mg/Kg	☼	09/29/25 10:13	10/05/25 22:10	1
1,2-Dichloropropane	0.00099	U	0.00099	0.00042	mg/Kg	☼	09/29/25 10:13	10/05/25 22:10	1
1,3,5-Trimethylbenzene	0.00099	U	0.00099	0.00031	mg/Kg	☼	09/29/25 10:13	10/05/25 22:10	1
1,3-Dichlorobenzene	0.00099	U	0.00099	0.00036	mg/Kg	☼	09/29/25 10:13	10/05/25 22:10	1
1,4-Dichlorobenzene	0.00099	U	0.00099	0.00052	mg/Kg	☼	09/29/25 10:13	10/05/25 22:10	1
2-Butanone (MEK)	0.0050	U	0.0050	0.00037	mg/Kg	☼	09/29/25 10:13	10/05/25 22:10	1
2-Hexanone	0.0050	U	0.0050	0.0017	mg/Kg	☼	09/29/25 10:13	10/05/25 22:10	1
4-Methyl-2-pentanone (MIBK)	0.0050	U	0.0050	0.0015	mg/Kg	☼	09/29/25 10:13	10/05/25 22:10	1
Acetone	0.0060	U	0.0060	0.0057	mg/Kg	☼	09/29/25 10:13	10/05/25 22:10	1
Benzene	0.00099	U	0.00099	0.00056	mg/Kg	☼	09/29/25 10:13	10/05/25 22:10	1
Bromoform	0.00099	U	0.00099	0.00042	mg/Kg	☼	09/29/25 10:13	10/05/25 22:10	1
Bromomethane	0.0020	U	0.0020	0.00099	mg/Kg	☼	09/29/25 10:13	10/05/25 22:10	1
Carbon disulfide	0.00099	U	0.00099	0.00026	mg/Kg	☼	09/29/25 10:13	10/05/25 22:10	1
Carbon tetrachloride	0.00099	U	0.00099	0.00038	mg/Kg	☼	09/29/25 10:13	10/05/25 22:10	1
Chlorobenzene	0.00099	U	0.00099	0.00050	mg/Kg	☼	09/29/25 10:13	10/05/25 22:10	1
Chlorobromomethane	0.00099	U	0.00099	0.00059	mg/Kg	☼	09/29/25 10:13	10/05/25 22:10	1
Chlorodibromomethane	0.00099	U	0.00099	0.00053	mg/Kg	☼	09/29/25 10:13	10/05/25 22:10	1
Chloroethane	0.00099	U	0.00099	0.00052	mg/Kg	☼	09/29/25 10:13	10/05/25 22:10	1
Chloroform	0.00099	U	0.00099	0.00097	mg/Kg	☼	09/29/25 10:13	10/05/25 22:10	1
Chloromethane	0.00099	U	0.00099	0.00043	mg/Kg	☼	09/29/25 10:13	10/05/25 22:10	1
cis-1,2-Dichloroethene	0.00099	U	0.00099	0.00036	mg/Kg	☼	09/29/25 10:13	10/05/25 22:10	1
cis-1,3-Dichloropropene	0.00099	U	0.00099	0.00027	mg/Kg	☼	09/29/25 10:13	10/05/25 22:10	1
Cyclohexane	0.00099	U	0.00099	0.00022	mg/Kg	☼	09/29/25 10:13	10/05/25 22:10	1
Dichlorobromomethane	0.00099	U	0.00099	0.00026	mg/Kg	☼	09/29/25 10:13	10/05/25 22:10	1
Dichlorodifluoromethane	0.00099	U	0.00099	0.00034	mg/Kg	☼	09/29/25 10:13	10/05/25 22:10	1
Ethylbenzene	0.00099	U	0.00099	0.00047	mg/Kg	☼	09/29/25 10:13	10/05/25 22:10	1
Ethylene Dibromide	0.00099	U	0.00099	0.00050	mg/Kg	☼	09/29/25 10:13	10/05/25 22:10	1
Isopropylbenzene	0.00099	U	0.00099	0.00028	mg/Kg	☼	09/29/25 10:13	10/05/25 22:10	1
Methyl acetate	0.0050	U	0.0050	0.0043	mg/Kg	☼	09/29/25 10:13	10/05/25 22:10	1
Methyl tert-butyl ether	0.00099	U	0.00099	0.00051	mg/Kg	☼	09/29/25 10:13	10/05/25 22:10	1
Methylcyclohexane	0.00099	U	0.00099	0.00050	mg/Kg	☼	09/29/25 10:13	10/05/25 22:10	1
Methylene Chloride	**0.0020**		0.0020	0.0011	mg/Kg	☼	09/29/25 10:13	10/05/25 22:10	1
m-Xylene & p-Xylene	0.00099	U	0.00099	0.00042	mg/Kg	☼	09/29/25 10:13	10/05/25 22:10	1
n-Butylbenzene	0.00099	U	0.00099	0.00029	mg/Kg	☼	09/29/25 10:13	10/05/25 22:10	1
N-Propylbenzene	0.00099	U	0.00099	0.00045	mg/Kg	☼	09/29/25 10:13	10/05/25 22:10	1
o-Xylene	0.00099	U	0.00099	0.00046	mg/Kg	☼	09/29/25 10:13	10/05/25 22:10	1
sec-Butylbenzene	0.00099	U	0.00099	0.00029	mg/Kg	☼	09/29/25 10:13	10/05/25 22:10	1
Styrene	0.00099	U	0.00099	0.00028	mg/Kg	☼	09/29/25 10:13	10/05/25 22:10	1

Client Sample ID: 58F3_8-9

Lab Sample ID: 460-335806-61

Date Collected: 09/26/25 13:15
Matrix: Solid
Date Received: 09/26/25 16:20
Percent Solids: 87.1

Method: SW846 8260D - Volatile Organic Compounds by GC/MS (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
tert-Butylbenzene	0.00099	U	0.00099	0.00027	mg/Kg	☼	09/29/25 10:13	10/05/25 22:10	1
Tetrachloroethene	0.00099	U	0.00099	0.00030	mg/Kg	☼	09/29/25 10:13	10/05/25 22:10	1
Toluene	0.00099	U	0.00099	0.00023	mg/Kg	☼	09/29/25 10:13	10/05/25 22:10	1
trans-1,2-Dichloroethene	0.00099	U	0.00099	0.00024	mg/Kg	☼	09/29/25 10:13	10/05/25 22:10	1
trans-1,3-Dichloropropene	0.00099	U	0.00099	0.00026	mg/Kg	☼	09/29/25 10:13	10/05/25 22:10	1
Trichloroethene	0.00099	U	0.00099	0.00032	mg/Kg	☼	09/29/25 10:13	10/05/25 22:10	1
Trichlorofluoromethane	0.00099	U	0.00099	0.00040	mg/Kg	☼	09/29/25 10:13	10/05/25 22:10	1
Vinyl chloride	0.00099	U	0.00099	0.00054	mg/Kg	☼	09/29/25 10:13	10/05/25 22:10	1
Xylenes, Total	0.0020	U	0.0020	0.00017	mg/Kg	☼	09/29/25 10:13	10/05/25 22:10	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,2-Dichloroethane-d4 (Surr)	*111*		*65 - 138*	*09/29/25 10:13*	*10/05/25 22:10*	*1*
4-Bromofluorobenzene	*99*		*71 - 128*	*09/29/25 10:13*	*10/05/25 22:10*	*1*
Dibromofluoromethane (Surr)	*117*		*50 - 150*	*09/29/25 10:13*	*10/05/25 22:10*	*1*
Toluene-d8 (Surr)	*95*		*71 - 126*	*09/29/25 10:13*	*10/05/25 22:10*	*1*

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Percent Moisture (EPA Moisture)	**12.9**		1.0	1.0	%			09/28/25 21:11	1
Percent Solids (EPA Moisture)	**87.1**		1.0	1.0	%			09/28/25 21:11	1

Client Sample ID: 58F1_9-10

Lab Sample ID: 460-335806-62

Date Collected: 09/26/25 13:20
Matrix: Solid
Date Received: 09/26/25 16:20
Percent Solids: 88.6

Method: SW846 8260D - Volatile Organic Compounds by GC/MS

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1-Trichloroethane	0.00097	U	0.00097	0.00023	mg/Kg	☼	09/29/25 10:13	10/05/25 22:33	1
1,1,2,2-Tetrachloroethane	0.00097	U	0.00097	0.00051	mg/Kg	☼	09/29/25 10:13	10/05/25 22:33	1
1,1,2-Trichloro-1,2,2-trifluoroethane	0.00097	U	0.00097	0.00029	mg/Kg	☼	09/29/25 10:13	10/05/25 22:33	1
1,1,2-Trichloroethane	0.00097	U	0.00097	0.00058	mg/Kg	☼	09/29/25 10:13	10/05/25 22:33	1
1,1-Dichloroethane	0.00097	U	0.00097	0.00058	mg/Kg	☼	09/29/25 10:13	10/05/25 22:33	1
1,1-Dichloroethene	0.00097	U *	0.00097	0.00022	mg/Kg	☼	09/29/25 10:13	10/05/25 22:33	1
1,2,3-Trichlorobenzene	0.00097	U	0.00097	0.00071	mg/Kg	☼	09/29/25 10:13	10/05/25 22:33	1
1,2,4-Trichlorobenzene	0.00097	U	0.00097	0.00035	mg/Kg	☼	09/29/25 10:13	10/05/25 22:33	1
1,2,4-Trimethylbenzene	0.00097	U	0.00097	0.00024	mg/Kg	☼	09/29/25 10:13	10/05/25 22:33	1
1,2-Dibromo-3-Chloropropane	0.00097	U	0.00097	0.00045	mg/Kg	☼	09/29/25 10:13	10/05/25 22:33	1
1,2-Dichlorobenzene	0.00097	U	0.00097	0.00035	mg/Kg	☼	09/29/25 10:13	10/05/25 22:33	1
1,2-Dichloroethane	0.00097	U	0.00097	0.00029	mg/Kg	☼	09/29/25 10:13	10/05/25 22:33	1
1,2-Dichloropropane	0.00097	U	0.00097	0.00041	mg/Kg	☼	09/29/25 10:13	10/05/25 22:33	1
1,3,5-Trimethylbenzene	0.00097	U	0.00097	0.00030	mg/Kg	☼	09/29/25 10:13	10/05/25 22:33	1
1,3-Dichlorobenzene	0.00097	U	0.00097	0.00035	mg/Kg	☼	09/29/25 10:13	10/05/25 22:33	1
1,4-Dichlorobenzene	0.00097	U	0.00097	0.00050	mg/Kg	☼	09/29/25 10:13	10/05/25 22:33	1
2-Butanone (MEK)	0.0048	U	0.0048	0.00036	mg/Kg	☼	09/29/25 10:13	10/05/25 22:33	1
2-Hexanone	0.0048	U	0.0048	0.0017	mg/Kg	☼	09/29/25 10:13	10/05/25 22:33	1
4-Methyl-2-pentanone (MIBK)	0.0048	U	0.0048	0.0015	mg/Kg	☼	09/29/25 10:13	10/05/25 22:33	1
Acetone	0.0058	U	0.0058	0.0055	mg/Kg	☼	09/29/25 10:13	10/05/25 22:33	1
Benzene	0.00097	U	0.00097	0.00055	mg/Kg	☼	09/29/25 10:13	10/05/25 22:33	1
Bromoform	0.00097	U	0.00097	0.00041	mg/Kg	☼	09/29/25 10:13	10/05/25 22:33	1
Bromomethane	0.0019	U	0.0019	0.00097	mg/Kg	☼	09/29/25 10:13	10/05/25 22:33	1

Client Sample ID: 58F1_9-10

Date Collected: 09/26/25 13:20
Date Received: 09/26/25 16:20

Lab Sample ID: 460-335806-62

Matrix: Solid
Percent Solids: 88.6

Method: SW846 8260D - Volatile Organic Compounds by GC/MS (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Carbon disulfide	0.00097	U	0.00097	0.00026	mg/Kg	☼	09/29/25 10:13	10/05/25 22:33	1
Carbon tetrachloride	0.00097	U	0.00097	0.00037	mg/Kg	☼	09/29/25 10:13	10/05/25 22:33	1
Chlorobenzene	0.00097	U	0.00097	0.00049	mg/Kg	☼	09/29/25 10:13	10/05/25 22:33	1
Chlorobromomethane	0.00097	U	0.00097	0.00058	mg/Kg	☼	09/29/25 10:13	10/05/25 22:33	1
Chlorodibromomethane	0.00097	U	0.00097	0.00052	mg/Kg	☼	09/29/25 10:13	10/05/25 22:33	1
Chloroethane	0.00097	U	0.00097	0.00051	mg/Kg	☼	09/29/25 10:13	10/05/25 22:33	1
Chloroform	0.00097	U	0.00097	0.00094	mg/Kg	☼	09/29/25 10:13	10/05/25 22:33	1
Chloromethane	0.00097	U	0.00097	0.00042	mg/Kg	☼	09/29/25 10:13	10/05/25 22:33	1
cis-1,2-Dichloroethene	0.00097	U	0.00097	0.00035	mg/Kg	☼	09/29/25 10:13	10/05/25 22:33	1
cis-1,3-Dichloropropene	0.00097	U	0.00097	0.00026	mg/Kg	☼	09/29/25 10:13	10/05/25 22:33	1
Cyclohexane	0.00097	U	0.00097	0.00021	mg/Kg	☼	09/29/25 10:13	10/05/25 22:33	1
Dichlorobromomethane	0.00097	U	0.00097	0.00025	mg/Kg	☼	09/29/25 10:13	10/05/25 22:33	1
Dichlorodifluoromethane	0.00097	U	0.00097	0.00033	mg/Kg	☼	09/29/25 10:13	10/05/25 22:33	1
Ethylbenzene	0.00097	U	0.00097	0.00045	mg/Kg	☼	09/29/25 10:13	10/05/25 22:33	1
Ethylene Dibromide	0.00097	U	0.00097	0.00049	mg/Kg	☼	09/29/25 10:13	10/05/25 22:33	1
Isopropylbenzene	0.00097	U	0.00097	0.00028	mg/Kg	☼	09/29/25 10:13	10/05/25 22:33	1
Methyl acetate	0.0048	U	0.0048	0.0042	mg/Kg	☼	09/29/25 10:13	10/05/25 22:33	1
Methyl tert-butyl ether	0.00097	U	0.00097	0.00050	mg/Kg	☼	09/29/25 10:13	10/05/25 22:33	1
Methylcyclohexane	0.00097	U	0.00097	0.00048	mg/Kg	☼	09/29/25 10:13	10/05/25 22:33	1
Methylene Chloride	**0.0020**		0.0019	0.0011	mg/Kg	☼	09/29/25 10:13	10/05/25 22:33	1
m-Xylene & p-Xylene	0.00097	U	0.00097	0.00041	mg/Kg	☼	09/29/25 10:13	10/05/25 22:33	1
n-Butylbenzene	0.00097	U	0.00097	0.00028	mg/Kg	☼	09/29/25 10:13	10/05/25 22:33	1
N-Propylbenzene	0.00097	U	0.00097	0.00043	mg/Kg	☼	09/29/25 10:13	10/05/25 22:33	1
o-Xylene	0.00097	U	0.00097	0.00045	mg/Kg	☼	09/29/25 10:13	10/05/25 22:33	1
sec-Butylbenzene	0.00097	U	0.00097	0.00028	mg/Kg	☼	09/29/25 10:13	10/05/25 22:33	1
Styrene	0.00097	U	0.00097	0.00027	mg/Kg	☼	09/29/25 10:13	10/05/25 22:33	1
tert-Butylbenzene	0.00097	U	0.00097	0.00027	mg/Kg	☼	09/29/25 10:13	10/05/25 22:33	1
Tetrachloroethene	0.00097	U	0.00097	0.00030	mg/Kg	☼	09/29/25 10:13	10/05/25 22:33	1
Toluene	0.00097	U	0.00097	0.00023	mg/Kg	☼	09/29/25 10:13	10/05/25 22:33	1
trans-1,2-Dichloroethene	0.00097	U	0.00097	0.00024	mg/Kg	☼	09/29/25 10:13	10/05/25 22:33	1
trans-1,3-Dichloropropene	0.00097	U	0.00097	0.00026	mg/Kg	☼	09/29/25 10:13	10/05/25 22:33	1
Trichloroethene	0.00097	U	0.00097	0.00031	mg/Kg	☼	09/29/25 10:13	10/05/25 22:33	1
Trichlorofluoromethane	0.00097	U	0.00097	0.00039	mg/Kg	☼	09/29/25 10:13	10/05/25 22:33	1
Vinyl chloride	0.00097	U	0.00097	0.00053	mg/Kg	☼	09/29/25 10:13	10/05/25 22:33	1
Xylenes, Total	0.0019	U	0.0019	0.00017	mg/Kg	☼	09/29/25 10:13	10/05/25 22:33	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,2-Dichloroethane-d4 (Surr)	*108*		*65 - 138*	*09/29/25 10:13*	*10/05/25 22:33*	*1*
4-Bromofluorobenzene	*99*		*71 - 128*	*09/29/25 10:13*	*10/05/25 22:33*	*1*
Dibromofluoromethane (Surr)	*113*		*50 - 150*	*09/29/25 10:13*	*10/05/25 22:33*	*1*
Toluene-d8 (Surr)	*95*		*71 - 126*	*09/29/25 10:13*	*10/05/25 22:33*	*1*

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Percent Moisture (EPA Moisture)	**11.4**		1.0	1.0	%			09/28/25 21:11	1
Percent Solids (EPA Moisture)	**88.6**		1.0	1.0	%			09/28/25 21:11	1

Client: Haley & Aldrich, Inc.
Project/Site: Former Port Mobil

Job ID: 460-335806-1

Client Sample ID: 58G1_1-2
Date Collected: 09/26/25 13:25
Date Received: 09/26/25 16:20

Lab Sample ID: 460-335806-63
Matrix: Solid
Percent Solids: 88.6

Method: SW846 8260D - Volatile Organic Compounds by GC/MS

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1-Trichloroethane	0.0014	U	0.0014	0.00032	mg/Kg	☼	09/29/25 10:13	10/06/25 02:01	1
1,1,2,2-Tetrachloroethane	0.0014	U	0.0014	0.00072	mg/Kg	☼	09/29/25 10:13	10/06/25 02:01	1
1,1,2-Trichloro-1,2,2-trifluoroethane	0.0014	U	0.0014	0.00041	mg/Kg	☼	09/29/25 10:13	10/06/25 02:01	1
1,1,2-Trichloroethane	0.0014	U	0.0014	0.00083	mg/Kg	☼	09/29/25 10:13	10/06/25 02:01	1
1,1-Dichloroethane	0.0014	U	0.0014	0.00082	mg/Kg	☼	09/29/25 10:13	10/06/25 02:01	1
1,1-Dichloroethene	0.0014	U	0.0014	0.00031	mg/Kg	☼	09/29/25 10:13	10/06/25 02:01	1
1,2,3-Trichlorobenzene	0.0014	U	0.0014	0.0010	mg/Kg	☼	09/29/25 10:13	10/06/25 02:01	1
1,2,4-Trichlorobenzene	0.0014	U	0.0014	0.00049	mg/Kg	☼	09/29/25 10:13	10/06/25 02:01	1
1,2,4-Trimethylbenzene	0.0014	U	0.0014	0.00034	mg/Kg	☼	09/29/25 10:13	10/06/25 02:01	1
1,2-Dibromo-3-Chloropropane	0.0014	U	0.0014	0.00063	mg/Kg	☼	09/29/25 10:13	10/06/25 02:01	1
1,2-Dichlorobenzene	0.0014	U	0.0014	0.00050	mg/Kg	☼	09/29/25 10:13	10/06/25 02:01	1
1,2-Dichloroethane	0.0014	U	0.0014	0.00041	mg/Kg	☼	09/29/25 10:13	10/06/25 02:01	1
1,2-Dichloropropane	0.0014	U	0.0014	0.00058	mg/Kg	☼	09/29/25 10:13	10/06/25 02:01	1
1,3,5-Trimethylbenzene	0.0014	U	0.0014	0.00043	mg/Kg	☼	09/29/25 10:13	10/06/25 02:01	1
1,3-Dichlorobenzene	0.0014	U	0.0014	0.00050	mg/Kg	☼	09/29/25 10:13	10/06/25 02:01	1
1,4-Dichlorobenzene	0.0014	U	0.0014	0.00071	mg/Kg	☼	09/29/25 10:13	10/06/25 02:01	1
2-Butanone (MEK)	0.0069	U	0.0069	0.00051	mg/Kg	☼	09/29/25 10:13	10/06/25 02:01	1
2-Hexanone	0.0069	U	0.0069	0.0024	mg/Kg	☼	09/29/25 10:13	10/06/25 02:01	1
4-Methyl-2-pentanone (MIBK)	0.0069	U	0.0069	0.0021	mg/Kg	☼	09/29/25 10:13	10/06/25 02:01	1
Acetone	0.0083	U	0.0083	0.0079	mg/Kg	☼	09/29/25 10:13	10/06/25 02:01	1
Benzene	0.0014	U	0.0014	0.00078	mg/Kg	☼	09/29/25 10:13	10/06/25 02:01	1
Bromoform	0.0014	U	0.0014	0.00058	mg/Kg	☼	09/29/25 10:13	10/06/25 02:01	1
Bromomethane	0.0028	U	0.0028	0.0014	mg/Kg	☼	09/29/25 10:13	10/06/25 02:01	1
Carbon disulfide	0.0014	U	0.0014	0.00037	mg/Kg	☼	09/29/25 10:13	10/06/25 02:01	1
Carbon tetrachloride	0.0014	U	0.0014	0.00053	mg/Kg	☼	09/29/25 10:13	10/06/25 02:01	1
Chlorobenzene	0.0014	U	0.0014	0.00070	mg/Kg	☼	09/29/25 10:13	10/06/25 02:01	1
Chlorobromomethane	0.0014	U	0.0014	0.00082	mg/Kg	☼	09/29/25 10:13	10/06/25 02:01	1
Chlorodibromomethane	0.0014	U	0.0014	0.00074	mg/Kg	☼	09/29/25 10:13	10/06/25 02:01	1
Chloroethane	0.0014	U	0.0014	0.00072	mg/Kg	☼	09/29/25 10:13	10/06/25 02:01	1
Chloroform	0.0014	U	0.0014	0.0013	mg/Kg	☼	09/29/25 10:13	10/06/25 02:01	1
Chloromethane	0.0014	U	0.0014	0.00060	mg/Kg	☼	09/29/25 10:13	10/06/25 02:01	1
cis-1,2-Dichloroethene	0.0014	U	0.0014	0.00049	mg/Kg	☼	09/29/25 10:13	10/06/25 02:01	1
cis-1,3-Dichloropropene	0.0014	U	0.0014	0.00038	mg/Kg	☼	09/29/25 10:13	10/06/25 02:01	1
Cyclohexane	0.0014	U	0.0014	0.00030	mg/Kg	☼	09/29/25 10:13	10/06/25 02:01	1
Dichlorobromomethane	0.0014	U	0.0014	0.00035	mg/Kg	☼	09/29/25 10:13	10/06/25 02:01	1
Dichlorodifluoromethane	0.0014	U	0.0014	0.00046	mg/Kg	☼	09/29/25 10:13	10/06/25 02:01	1
Ethylbenzene	0.0014	U	0.0014	0.00064	mg/Kg	☼	09/29/25 10:13	10/06/25 02:01	1
Ethylene Dibromide	0.0014	U	0.0014	0.00069	mg/Kg	☼	09/29/25 10:13	10/06/25 02:01	1
Isopropylbenzene	0.0014	U	0.0014	0.00039	mg/Kg	☼	09/29/25 10:13	10/06/25 02:01	1
Methyl acetate	0.0069	U	0.0069	0.0059	mg/Kg	☼	09/29/25 10:13	10/06/25 02:01	1
Methyl tert-butyl ether	0.0014	U	0.0014	0.00070	mg/Kg	☼	09/29/25 10:13	10/06/25 02:01	1
Methylcyclohexane	0.0014	U	0.0014	0.00069	mg/Kg	☼	09/29/25 10:13	10/06/25 02:01	1
Methylene Chloride	0.0028	U	0.0028	0.0016	mg/Kg	☼	09/29/25 10:13	10/06/25 02:01	1
m-Xylene & p-Xylene	0.0014	U	0.0014	0.00058	mg/Kg	☼	09/29/25 10:13	10/06/25 02:01	1
n-Butylbenzene	0.0014	U	0.0014	0.00040	mg/Kg	☼	09/29/25 10:13	10/06/25 02:01	1
N-Propylbenzene	0.0014	U	0.0014	0.00062	mg/Kg	☼	09/29/25 10:13	10/06/25 02:01	1
o-Xylene	0.0014	U	0.0014	0.00063	mg/Kg	☼	09/29/25 10:13	10/06/25 02:01	1
sec-Butylbenzene	0.0014	U	0.0014	0.00040	mg/Kg	☼	09/29/25 10:13	10/06/25 02:01	1
Styrene	0.0014	U	0.0014	0.00038	mg/Kg	☼	09/29/25 10:13	10/06/25 02:01	1

Client Sample ID: 58G1_1-2

Lab Sample ID: 460-335806-63

Date Collected: 09/26/25 13:25
Matrix: Solid
Date Received: 09/26/25 16:20
Percent Solids: 88.6

Method: SW846 8260D - Volatile Organic Compounds by GC/MS (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
tert-Butylbenzene	0.0014	U	0.0014	0.00038	mg/Kg	☼	09/29/25 10:13	10/06/25 02:01	1
Tetrachloroethene	0.0014	U	0.0014	0.00042	mg/Kg	☼	09/29/25 10:13	10/06/25 02:01	1
Toluene	0.0014	U	0.0014	0.00032	mg/Kg	☼	09/29/25 10:13	10/06/25 02:01	1
trans-1,2-Dichloroethene	0.0014	U	0.0014	0.00034	mg/Kg	☼	09/29/25 10:13	10/06/25 02:01	1
trans-1,3-Dichloropropene	0.0014	U	0.0014	0.00037	mg/Kg	☼	09/29/25 10:13	10/06/25 02:01	1
Trichloroethene	0.0014	U	0.0014	0.00044	mg/Kg	☼	09/29/25 10:13	10/06/25 02:01	1
Trichlorofluoromethane	0.0014	U	0.0014	0.00056	mg/Kg	☼	09/29/25 10:13	10/06/25 02:01	1
Vinyl chloride	0.0014	U	0.0014	0.00075	mg/Kg	☼	09/29/25 10:13	10/06/25 02:01	1
Xylenes, Total	0.0028	U	0.0028	0.00024	mg/Kg	☼	09/29/25 10:13	10/06/25 02:01	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,2-Dichloroethane-d4 (Surr)	*108*		*65 - 138*	*09/29/25 10:13*	*10/06/25 02:01*	*1*
4-Bromofluorobenzene	*98*		*71 - 128*	*09/29/25 10:13*	*10/06/25 02:01*	*1*
Dibromofluoromethane (Surr)	*113*		*50 - 150*	*09/29/25 10:13*	*10/06/25 02:01*	*1*
Toluene-d8 (Surr)	*96*		*71 - 126*	*09/29/25 10:13*	*10/06/25 02:01*	*1*

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Percent Moisture (EPA Moisture)	**11.4**		1.0	1.0	%			09/28/25 21:11	1
Percent Solids (EPA Moisture)	**88.6**		1.0	1.0	%			09/28/25 21:11	1

Client Sample ID: 58G2_3-4

Lab Sample ID: 460-335806-64

Date Collected: 09/26/25 13:30
Matrix: Solid
Date Received: 09/26/25 16:20
Percent Solids: 87.4

Method: SW846 8260D - Volatile Organic Compounds by GC/MS

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1-Trichloroethane	0.0010	U	0.0010	0.00023	mg/Kg	☼	09/29/25 10:14	10/05/25 15:16	1
1,1,2,2-Tetrachloroethane	0.0010	U	0.0010	0.00052	mg/Kg	☼	09/29/25 10:14	10/05/25 15:16	1
1,1,2-Trichloro-1,2,2-trifluoroethane	0.0010	U	0.0010	0.00030	mg/Kg	☼	09/29/25 10:14	10/05/25 15:16	1
1,1,2-Trichloroethane	0.0010	U	0.0010	0.00060	mg/Kg	☼	09/29/25 10:14	10/05/25 15:16	1
1,1-Dichloroethane	0.0010	U	0.0010	0.00060	mg/Kg	☼	09/29/25 10:14	10/05/25 15:16	1
1,1-Dichloroethene	0.0010	U *	0.0010	0.00022	mg/Kg	☼	09/29/25 10:14	10/05/25 15:16	1
1,2,3-Trichlorobenzene	0.0010	U	0.0010	0.00074	mg/Kg	☼	09/29/25 10:14	10/05/25 15:16	1
1,2,4-Trichlorobenzene	0.0010	U	0.0010	0.00036	mg/Kg	☼	09/29/25 10:14	10/05/25 15:16	1
1,2,4-Trimethylbenzene	0.0010	U	0.0010	0.00025	mg/Kg	☼	09/29/25 10:14	10/05/25 15:16	1
1,2-Dibromo-3-Chloropropane	0.0010	U	0.0010	0.00046	mg/Kg	☼	09/29/25 10:14	10/05/25 15:16	1
1,2-Dichlorobenzene	0.0010	U	0.0010	0.00036	mg/Kg	☼	09/29/25 10:14	10/05/25 15:16	1
1,2-Dichloroethane	0.0010	U	0.0010	0.00030	mg/Kg	☼	09/29/25 10:14	10/05/25 15:16	1
1,2-Dichloropropane	0.0010	U	0.0010	0.00042	mg/Kg	☼	09/29/25 10:14	10/05/25 15:16	1
1,3,5-Trimethylbenzene	0.0010	U	0.0010	0.00031	mg/Kg	☼	09/29/25 10:14	10/05/25 15:16	1
1,3-Dichlorobenzene	0.0010	U	0.0010	0.00036	mg/Kg	☼	09/29/25 10:14	10/05/25 15:16	1
1,4-Dichlorobenzene	0.0010	U	0.0010	0.00052	mg/Kg	☼	09/29/25 10:14	10/05/25 15:16	1
2-Butanone (MEK)	0.0050	U	0.0050	0.00037	mg/Kg	☼	09/29/25 10:14	10/05/25 15:16	1
2-Hexanone	0.0050	U	0.0050	0.0017	mg/Kg	☼	09/29/25 10:14	10/05/25 15:16	1
4-Methyl-2-pentanone (MIBK)	0.0050	U	0.0050	0.0016	mg/Kg	☼	09/29/25 10:14	10/05/25 15:16	1
Acetone	0.0060	U	0.0060	0.0057	mg/Kg	☼	09/29/25 10:14	10/05/25 15:16	1
Benzene	0.0010	U	0.0010	0.00057	mg/Kg	☼	09/29/25 10:14	10/05/25 15:16	1
Bromoform	0.0010	U	0.0010	0.00042	mg/Kg	☼	09/29/25 10:14	10/05/25 15:16	1
Bromomethane	0.0020	U	0.0020	0.0010	mg/Kg	☼	09/29/25 10:14	10/05/25 15:16	1

Client Sample ID: 58G2_3-4
Date Collected: 09/26/25 13:30
Date Received: 09/26/25 16:20

Lab Sample ID: 460-335806-64
Matrix: Solid
Percent Solids: 87.4

Method: SW846 8260D - Volatile Organic Compounds by GC/MS (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Carbon disulfide	0.0010	U	0.0010	0.00027	mg/Kg	☼	09/29/25 10:14	10/05/25 15:16	1
Carbon tetrachloride	0.0010	U	0.0010	0.00039	mg/Kg	☼	09/29/25 10:14	10/05/25 15:16	1
Chlorobenzene	0.0010	U	0.0010	0.00051	mg/Kg	☼	09/29/25 10:14	10/05/25 15:16	1
Chlorobromomethane	0.0010	U	0.0010	0.00059	mg/Kg	☼	09/29/25 10:14	10/05/25 15:16	1
Chlorodibromomethane	0.0010	U	0.0010	0.00054	mg/Kg	☼	09/29/25 10:14	10/05/25 15:16	1
Chloroethane	0.0010	U	0.0010	0.00052	mg/Kg	☼	09/29/25 10:14	10/05/25 15:16	1
Chloroform	0.0010	U	0.0010	0.00097	mg/Kg	☼	09/29/25 10:14	10/05/25 15:16	1
Chloromethane	0.0010	U	0.0010	0.00043	mg/Kg	☼	09/29/25 10:14	10/05/25 15:16	1
cis-1,2-Dichloroethene	0.0010	U	0.0010	0.00036	mg/Kg	☼	09/29/25 10:14	10/05/25 15:16	1
cis-1,3-Dichloropropene	0.0010	U	0.0010	0.00027	mg/Kg	☼	09/29/25 10:14	10/05/25 15:16	1
Cyclohexane	0.0010	U	0.0010	0.00022	mg/Kg	☼	09/29/25 10:14	10/05/25 15:16	1
Dichlorobromomethane	0.0010	U	0.0010	0.00026	mg/Kg	☼	09/29/25 10:14	10/05/25 15:16	1
Dichlorodifluoromethane	0.0010	U	0.0010	0.00034	mg/Kg	☼	09/29/25 10:14	10/05/25 15:16	1
Ethylbenzene	0.0010	U	0.0010	0.00047	mg/Kg	☼	09/29/25 10:14	10/05/25 15:16	1
Ethylene Dibromide	0.0010	U	0.0010	0.00050	mg/Kg	☼	09/29/25 10:14	10/05/25 15:16	1
Isopropylbenzene	0.0010	U	0.0010	0.00028	mg/Kg	☼	09/29/25 10:14	10/05/25 15:16	1
Methyl acetate	0.0050	U	0.0050	0.0043	mg/Kg	☼	09/29/25 10:14	10/05/25 15:16	1
Methyl tert-butyl ether	0.0010	U	0.0010	0.00051	mg/Kg	☼	09/29/25 10:14	10/05/25 15:16	1
Methylcyclohexane	0.0010	U	0.0010	0.00050	mg/Kg	☼	09/29/25 10:14	10/05/25 15:16	1
Methylene Chloride	**0.0013**	**J**	0.0020	0.0011	mg/Kg	☼	09/29/25 10:14	10/05/25 15:16	1
m-Xylene & p-Xylene	0.0010	U	0.0010	0.00042	mg/Kg	☼	09/29/25 10:14	10/05/25 15:16	1
n-Butylbenzene	0.0010	U	0.0010	0.00029	mg/Kg	☼	09/29/25 10:14	10/05/25 15:16	1
N-Propylbenzene	0.0010	U	0.0010	0.00045	mg/Kg	☼	09/29/25 10:14	10/05/25 15:16	1
o-Xylene	0.0010	U	0.0010	0.00046	mg/Kg	☼	09/29/25 10:14	10/05/25 15:16	1
sec-Butylbenzene	0.0010	U	0.0010	0.00029	mg/Kg	☼	09/29/25 10:14	10/05/25 15:16	1
Styrene	0.0010	U	0.0010	0.00028	mg/Kg	☼	09/29/25 10:14	10/05/25 15:16	1
tert-Butylbenzene	0.0010	U	0.0010	0.00028	mg/Kg	☼	09/29/25 10:14	10/05/25 15:16	1
Tetrachloroethene	0.0010	U	0.0010	0.00030	mg/Kg	☼	09/29/25 10:14	10/05/25 15:16	1
Toluene	0.0010	U	0.0010	0.00023	mg/Kg	☼	09/29/25 10:14	10/05/25 15:16	1
trans-1,2-Dichloroethene	0.0010	U	0.0010	0.00025	mg/Kg	☼	09/29/25 10:14	10/05/25 15:16	1
trans-1,3-Dichloropropene	0.0010	U	0.0010	0.00027	mg/Kg	☼	09/29/25 10:14	10/05/25 15:16	1
Trichloroethene	0.0010	U	0.0010	0.00032	mg/Kg	☼	09/29/25 10:14	10/05/25 15:16	1
Trichlorofluoromethane	0.0010	U	0.0010	0.00040	mg/Kg	☼	09/29/25 10:14	10/05/25 15:16	1
Vinyl chloride	0.0010	U	0.0010	0.00054	mg/Kg	☼	09/29/25 10:14	10/05/25 15:16	1
Xylenes, Total	0.0020	U	0.0020	0.00017	mg/Kg	☼	09/29/25 10:14	10/05/25 15:16	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,2-Dichloroethane-d4 (Surr)	*109*		*65 - 138*	*09/29/25 10:14*	*10/05/25 15:16*	*1*
4-Bromofluorobenzene	*100*		*71 - 128*	*09/29/25 10:14*	*10/05/25 15:16*	*1*
Dibromofluoromethane (Surr)	*112*		*50 - 150*	*09/29/25 10:14*	*10/05/25 15:16*	*1*
Toluene-d8 (Surr)	*96*		*71 - 126*	*09/29/25 10:14*	*10/05/25 15:16*	*1*

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Percent Moisture (EPA Moisture)	**12.6**		1.0	1.0	%			09/28/25 21:11	1
Percent Solids (EPA Moisture)	**87.4**		1.0	1.0	%			09/28/25 21:11	1

Client: Haley & Aldrich, Inc.
Project/Site: Former Port Mobil

Job ID: 460-335806-1

Client Sample ID: 58G3_4-5
Date Collected: 09/26/25 13:35
Date Received: 09/26/25 16:20

Lab Sample ID: 460-335806-65
Matrix: Solid
Percent Solids: 90.7

Method: SW846 8260D - Volatile Organic Compounds by GC/MS

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1-Trichloroethane	0.0012	U	0.0012	0.00029	mg/Kg	☼	09/29/25 10:14	10/05/25 15:39	1
1,1,2,2-Tetrachloroethane	0.0012	U	0.0012	0.00064	mg/Kg	☼	09/29/25 10:14	10/05/25 15:39	1
1,1,2-Trichloro-1,2,2-trifluoroethane	0.0012	U	0.0012	0.00037	mg/Kg	☼	09/29/25 10:14	10/05/25 15:39	1
1,1,2-Trichloroethane	0.0012	U	0.0012	0.00074	mg/Kg	☼	09/29/25 10:14	10/05/25 15:39	1
1,1-Dichloroethane	0.0012	U	0.0012	0.00074	mg/Kg	☼	09/29/25 10:14	10/05/25 15:39	1
1,1-Dichloroethene	0.0012	U *	0.0012	0.00028	mg/Kg	☼	09/29/25 10:14	10/05/25 15:39	1
1,2,3-Trichlorobenzene	0.0012	U	0.0012	0.00091	mg/Kg	☼	09/29/25 10:14	10/05/25 15:39	1
1,2,4-Trichlorobenzene	0.0012	U	0.0012	0.00044	mg/Kg	☼	09/29/25 10:14	10/05/25 15:39	1
1,2,4-Trimethylbenzene	0.0012	U	0.0012	0.00030	mg/Kg	☼	09/29/25 10:14	10/05/25 15:39	1
1,2-Dibromo-3-Chloropropane	0.0012	U	0.0012	0.00057	mg/Kg	☼	09/29/25 10:14	10/05/25 15:39	1
1,2-Dichlorobenzene	0.0012	U	0.0012	0.00044	mg/Kg	☼	09/29/25 10:14	10/05/25 15:39	1
1,2-Dichloroethane	0.0012	U	0.0012	0.00036	mg/Kg	☼	09/29/25 10:14	10/05/25 15:39	1
1,2-Dichloropropane	0.0012	U	0.0012	0.00052	mg/Kg	☼	09/29/25 10:14	10/05/25 15:39	1
1,3,5-Trimethylbenzene	0.0012	U	0.0012	0.00039	mg/Kg	☼	09/29/25 10:14	10/05/25 15:39	1
1,3-Dichlorobenzene	0.0012	U	0.0012	0.00045	mg/Kg	☼	09/29/25 10:14	10/05/25 15:39	1
1,4-Dichlorobenzene	0.0012	U	0.0012	0.00064	mg/Kg	☼	09/29/25 10:14	10/05/25 15:39	1
2-Butanone (MEK)	0.0062	U	0.0062	0.00045	mg/Kg	☼	09/29/25 10:14	10/05/25 15:39	1
2-Hexanone	0.0062	U	0.0062	0.0021	mg/Kg	☼	09/29/25 10:14	10/05/25 15:39	1
4-Methyl-2-pentanone (MIBK)	0.0062	U	0.0062	0.0019	mg/Kg	☼	09/29/25 10:14	10/05/25 15:39	1
Acetone	0.0074	U	0.0074	0.0070	mg/Kg	☼	09/29/25 10:14	10/05/25 15:39	1
Benzene	0.0012	U	0.0012	0.00070	mg/Kg	☼	09/29/25 10:14	10/05/25 15:39	1
Bromoform	0.0012	U	0.0012	0.00052	mg/Kg	☼	09/29/25 10:14	10/05/25 15:39	1
Bromomethane	0.0025	U	0.0025	0.0012	mg/Kg	☼	09/29/25 10:14	10/05/25 15:39	1
Carbon disulfide	0.0012	U	0.0012	0.00033	mg/Kg	☼	09/29/25 10:14	10/05/25 15:39	1
Carbon tetrachloride	0.0012	U	0.0012	0.00048	mg/Kg	☼	09/29/25 10:14	10/05/25 15:39	1
Chlorobenzene	0.0012	U	0.0012	0.00062	mg/Kg	☼	09/29/25 10:14	10/05/25 15:39	1
Chlorobromomethane	0.0012	U	0.0012	0.00073	mg/Kg	☼	09/29/25 10:14	10/05/25 15:39	1
Chlorodibromomethane	0.0012	U	0.0012	0.00066	mg/Kg	☼	09/29/25 10:14	10/05/25 15:39	1
Chloroethane	0.0012	U	0.0012	0.00064	mg/Kg	☼	09/29/25 10:14	10/05/25 15:39	1
Chloroform	0.0012	U	0.0012	0.0012	mg/Kg	☼	09/29/25 10:14	10/05/25 15:39	1
Chloromethane	0.0012	U	0.0012	0.00054	mg/Kg	☼	09/29/25 10:14	10/05/25 15:39	1
cis-1,2-Dichloroethene	0.0012	U	0.0012	0.00044	mg/Kg	☼	09/29/25 10:14	10/05/25 15:39	1
cis-1,3-Dichloropropene	0.0012	U	0.0012	0.00034	mg/Kg	☼	09/29/25 10:14	10/05/25 15:39	1
Cyclohexane	0.0012	U	0.0012	0.00027	mg/Kg	☼	09/29/25 10:14	10/05/25 15:39	1
Dichlorobromomethane	0.0012	U	0.0012	0.00032	mg/Kg	☼	09/29/25 10:14	10/05/25 15:39	1
Dichlorodifluoromethane	0.0012	U	0.0012	0.00042	mg/Kg	☼	09/29/25 10:14	10/05/25 15:39	1
Ethylbenzene	0.0012	U	0.0012	0.00058	mg/Kg	☼	09/29/25 10:14	10/05/25 15:39	1
Ethylene Dibromide	0.0012	U	0.0012	0.00062	mg/Kg	☼	09/29/25 10:14	10/05/25 15:39	1
Isopropylbenzene	0.0012	U	0.0012	0.00035	mg/Kg	☼	09/29/25 10:14	10/05/25 15:39	1
Methyl acetate	0.0062	U	0.0062	0.0053	mg/Kg	☼	09/29/25 10:14	10/05/25 15:39	1
Methyl tert-butyl ether	0.0012	U	0.0012	0.00063	mg/Kg	☼	09/29/25 10:14	10/05/25 15:39	1
Methylcyclohexane	0.0012	U	0.0012	0.00061	mg/Kg	☼	09/29/25 10:14	10/05/25 15:39	1
Methylene Chloride	0.0025	U	0.0025	0.0014	mg/Kg	☼	09/29/25 10:14	10/05/25 15:39	1
m-Xylene & p-Xylene	0.0012	U	0.0012	0.00052	mg/Kg	☼	09/29/25 10:14	10/05/25 15:39	1
n-Butylbenzene	0.0012	U	0.0012	0.00036	mg/Kg	☼	09/29/25 10:14	10/05/25 15:39	1
N-Propylbenzene	0.0012	U	0.0012	0.00055	mg/Kg	☼	09/29/25 10:14	10/05/25 15:39	1
o-Xylene	0.0012	U	0.0012	0.00057	mg/Kg	☼	09/29/25 10:14	10/05/25 15:39	1
sec-Butylbenzene	0.0012	U	0.0012	0.00035	mg/Kg	☼	09/29/25 10:14	10/05/25 15:39	1
Styrene	0.0012	U	0.0012	0.00034	mg/Kg	☼	09/29/25 10:14	10/05/25 15:39	1

Client Sample ID: 58G3_4-5

Date Collected: 09/26/25 13:35
Date Received: 09/26/25 16:20

Lab Sample ID: 460-335806-65

Matrix: Solid
Percent Solids: 90.7

Method: SW846 8260D - Volatile Organic Compounds by GC/MS (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
tert-Butylbenzene	0.0012	U	0.0012	0.00034	mg/Kg	☼	09/29/25 10:14	10/05/25 15:39	1
Tetrachloroethene	0.0012	U	0.0012	0.00038	mg/Kg	☼	09/29/25 10:14	10/05/25 15:39	1
Toluene	0.0012	U	0.0012	0.00029	mg/Kg	☼	09/29/25 10:14	10/05/25 15:39	1
trans-1,2-Dichloroethene	0.0012	U	0.0012	0.00030	mg/Kg	☼	09/29/25 10:14	10/05/25 15:39	1
trans-1,3-Dichloropropene	0.0012	U	0.0012	0.00033	mg/Kg	☼	09/29/25 10:14	10/05/25 15:39	1
Trichloroethene	0.0012	U	0.0012	0.00040	mg/Kg	☼	09/29/25 10:14	10/05/25 15:39	1
Trichlorofluoromethane	0.0012	U	0.0012	0.00050	mg/Kg	☼	09/29/25 10:14	10/05/25 15:39	1
Vinyl chloride	0.0012	U	0.0012	0.00067	mg/Kg	☼	09/29/25 10:14	10/05/25 15:39	1
Xylenes, Total	0.0025	U	0.0025	0.00021	mg/Kg	☼	09/29/25 10:14	10/05/25 15:39	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,2-Dichloroethane-d4 (Surr)	*109*		*65 - 138*	*09/29/25 10:14*	*10/05/25 15:39*	*1*
4-Bromofluorobenzene	*99*		*71 - 128*	*09/29/25 10:14*	*10/05/25 15:39*	*1*
Dibromofluoromethane (Surr)	*113*		*50 - 150*	*09/29/25 10:14*	*10/05/25 15:39*	*1*
Toluene-d8 (Surr)	*96*		*71 - 126*	*09/29/25 10:14*	*10/05/25 15:39*	*1*

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Percent Moisture (EPA Moisture)	**9.3**		1.0	1.0	%			09/28/25 21:11	1
Percent Solids (EPA Moisture)	**90.7**		1.0	1.0	%			09/28/25 21:11	1

Client Sample ID: 58G1_5-6

Date Collected: 09/26/25 13:40
Date Received: 09/26/25 16:20

Lab Sample ID: 460-335806-66

Matrix: Solid
Percent Solids: 86.5

Method: SW846 8260D - Volatile Organic Compounds by GC/MS

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1-Trichloroethane	0.00077	U	0.00077	0.00018	mg/Kg	☼	09/29/25 10:14	10/05/25 16:02	1
1,1,2,2-Tetrachloroethane	0.00077	U	0.00077	0.00040	mg/Kg	☼	09/29/25 10:14	10/05/25 16:02	1
1,1,2-Trichloro-1,2,2-trifluoroethane	0.00077	U	0.00077	0.00023	mg/Kg	☼	09/29/25 10:14	10/05/25 16:02	1
1,1,2-Trichloroethane	0.00077	U	0.00077	0.00046	mg/Kg	☼	09/29/25 10:14	10/05/25 16:02	1
1,1-Dichloroethane	0.00077	U	0.00077	0.00046	mg/Kg	☼	09/29/25 10:14	10/05/25 16:02	1
1,1-Dichloroethene	0.00077	U *	0.00077	0.00017	mg/Kg	☼	09/29/25 10:14	10/05/25 16:02	1
1,2,3-Trichlorobenzene	0.00077	U	0.00077	0.00057	mg/Kg	☼	09/29/25 10:14	10/05/25 16:02	1
1,2,4-Trichlorobenzene	0.00077	U	0.00077	0.00027	mg/Kg	☼	09/29/25 10:14	10/05/25 16:02	1
1,2,4-Trimethylbenzene	0.00077	U	0.00077	0.00019	mg/Kg	☼	09/29/25 10:14	10/05/25 16:02	1
1,2-Dibromo-3-Chloropropane	0.00077	U	0.00077	0.00035	mg/Kg	☼	09/29/25 10:14	10/05/25 16:02	1
1,2-Dichlorobenzene	0.00077	U	0.00077	0.00028	mg/Kg	☼	09/29/25 10:14	10/05/25 16:02	1
1,2-Dichloroethane	0.00077	U	0.00077	0.00023	mg/Kg	☼	09/29/25 10:14	10/05/25 16:02	1
1,2-Dichloropropane	0.00077	U	0.00077	0.00032	mg/Kg	☼	09/29/25 10:14	10/05/25 16:02	1
1,3,5-Trimethylbenzene	0.00077	U	0.00077	0.00024	mg/Kg	☼	09/29/25 10:14	10/05/25 16:02	1
1,3-Dichlorobenzene	0.00077	U	0.00077	0.00028	mg/Kg	☼	09/29/25 10:14	10/05/25 16:02	1
1,4-Dichlorobenzene	0.00077	U	0.00077	0.00040	mg/Kg	☼	09/29/25 10:14	10/05/25 16:02	1
2-Butanone (MEK)	0.0038	U	0.0038	0.00028	mg/Kg	☼	09/29/25 10:14	10/05/25 16:02	1
2-Hexanone	0.0038	U	0.0038	0.0013	mg/Kg	☼	09/29/25 10:14	10/05/25 16:02	1
4-Methyl-2-pentanone (MIBK)	0.0038	U	0.0038	0.0012	mg/Kg	☼	09/29/25 10:14	10/05/25 16:02	1
Acetone	**0.013**		0.0046	0.0044	mg/Kg	☼	09/29/25 10:14	10/05/25 16:02	1
Benzene	0.00077	U	0.00077	0.00043	mg/Kg	☼	09/29/25 10:14	10/05/25 16:02	1
Bromoform	0.00077	U	0.00077	0.00033	mg/Kg	☼	09/29/25 10:14	10/05/25 16:02	1
Bromomethane	0.0015	U	0.0015	0.00077	mg/Kg	☼	09/29/25 10:14	10/05/25 16:02	1

Client Sample ID: 58G1_5-6

Date Collected: 09/26/25 13:40
Date Received: 09/26/25 16:20

Lab Sample ID: 460-335806-66

Matrix: Solid
Percent Solids: 86.5

Method: SW846 8260D - Volatile Organic Compounds by GC/MS (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Carbon disulfide	0.00077	U	0.00077	0.00020	mg/Kg	☼	09/29/25 10:14	10/05/25 16:02	1
Carbon tetrachloride	0.00077	U	0.00077	0.00030	mg/Kg	☼	09/29/25 10:14	10/05/25 16:02	1
Chlorobenzene	0.00077	U	0.00077	0.00039	mg/Kg	☼	09/29/25 10:14	10/05/25 16:02	1
Chlorobromomethane	0.00077	U	0.00077	0.00046	mg/Kg	☼	09/29/25 10:14	10/05/25 16:02	1
Chlorodibromomethane	0.00077	U	0.00077	0.00041	mg/Kg	☼	09/29/25 10:14	10/05/25 16:02	1
Chloroethane	0.00077	U	0.00077	0.00040	mg/Kg	☼	09/29/25 10:14	10/05/25 16:02	1
Chloroform	0.00077	U	0.00077	0.00074	mg/Kg	☼	09/29/25 10:14	10/05/25 16:02	1
Chloromethane	0.00077	U	0.00077	0.00033	mg/Kg	☼	09/29/25 10:14	10/05/25 16:02	1
cis-1,2-Dichloroethene	0.00077	U	0.00077	0.00027	mg/Kg	☼	09/29/25 10:14	10/05/25 16:02	1
cis-1,3-Dichloropropene	0.00077	U	0.00077	0.00021	mg/Kg	☼	09/29/25 10:14	10/05/25 16:02	1
Cyclohexane	0.00077	U	0.00077	0.00017	mg/Kg	☼	09/29/25 10:14	10/05/25 16:02	1
Dichlorobromomethane	0.00077	U	0.00077	0.00020	mg/Kg	☼	09/29/25 10:14	10/05/25 16:02	1
Dichlorodifluoromethane	0.00077	U	0.00077	0.00026	mg/Kg	☼	09/29/25 10:14	10/05/25 16:02	1
Ethylbenzene	0.00077	U	0.00077	0.00036	mg/Kg	☼	09/29/25 10:14	10/05/25 16:02	1
Ethylene Dibromide	0.00077	U	0.00077	0.00039	mg/Kg	☼	09/29/25 10:14	10/05/25 16:02	1
Isopropylbenzene	0.00077	U	0.00077	0.00022	mg/Kg	☼	09/29/25 10:14	10/05/25 16:02	1
Methyl acetate	0.0038	U	0.0038	0.0033	mg/Kg	☼	09/29/25 10:14	10/05/25 16:02	1
Methyl tert-butyl ether	0.00077	U	0.00077	0.00039	mg/Kg	☼	09/29/25 10:14	10/05/25 16:02	1
Methylcyclohexane	0.00077	U	0.00077	0.00038	mg/Kg	☼	09/29/25 10:14	10/05/25 16:02	1
Methylene Chloride	**0.0011**	**J**	0.0015	0.00088	mg/Kg	☼	09/29/25 10:14	10/05/25 16:02	1
m-Xylene & p-Xylene	0.00077	U	0.00077	0.00032	mg/Kg	☼	09/29/25 10:14	10/05/25 16:02	1
n-Butylbenzene	0.00077	U	0.00077	0.00023	mg/Kg	☼	09/29/25 10:14	10/05/25 16:02	1
N-Propylbenzene	0.00077	U	0.00077	0.00034	mg/Kg	☼	09/29/25 10:14	10/05/25 16:02	1
o-Xylene	0.00077	U	0.00077	0.00035	mg/Kg	☼	09/29/25 10:14	10/05/25 16:02	1
sec-Butylbenzene	0.00077	U	0.00077	0.00022	mg/Kg	☼	09/29/25 10:14	10/05/25 16:02	1
Styrene	0.00077	U	0.00077	0.00021	mg/Kg	☼	09/29/25 10:14	10/05/25 16:02	1
tert-Butylbenzene	0.00077	U	0.00077	0.00021	mg/Kg	☼	09/29/25 10:14	10/05/25 16:02	1
Tetrachloroethene	0.00077	U	0.00077	0.00023	mg/Kg	☼	09/29/25 10:14	10/05/25 16:02	1
Toluene	0.00077	U	0.00077	0.00018	mg/Kg	☼	09/29/25 10:14	10/05/25 16:02	1
trans-1,2-Dichloroethene	0.00077	U	0.00077	0.00019	mg/Kg	☼	09/29/25 10:14	10/05/25 16:02	1
trans-1,3-Dichloropropene	0.00077	U	0.00077	0.00020	mg/Kg	☼	09/29/25 10:14	10/05/25 16:02	1
Trichloroethene	0.00077	U	0.00077	0.00025	mg/Kg	☼	09/29/25 10:14	10/05/25 16:02	1
Trichlorofluoromethane	0.00077	U	0.00077	0.00031	mg/Kg	☼	09/29/25 10:14	10/05/25 16:02	1
Vinyl chloride	0.00077	U	0.00077	0.00042	mg/Kg	☼	09/29/25 10:14	10/05/25 16:02	1
Xylenes, Total	0.0015	U	0.0015	0.00013	mg/Kg	☼	09/29/25 10:14	10/05/25 16:02	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,2-Dichloroethane-d4 (Surr)	*112*		*65 - 138*	*09/29/25 10:14*	*10/05/25 16:02*	*1*
4-Bromofluorobenzene	*99*		*71 - 128*	*09/29/25 10:14*	*10/05/25 16:02*	*1*
Dibromofluoromethane (Surr)	*114*		*50 - 150*	*09/29/25 10:14*	*10/05/25 16:02*	*1*
Toluene-d8 (Surr)	*95*		*71 - 126*	*09/29/25 10:14*	*10/05/25 16:02*	*1*

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Percent Moisture (EPA Moisture)	**13.5**		1.0	1.0	%			09/28/25 21:11	1
Percent Solids (EPA Moisture)	**86.5**		1.0	1.0	%			09/28/25 21:11	1

Client: Haley & Aldrich, Inc.
Project/Site: Former Port Mobil

Job ID: 460-335806-1

Client Sample ID: 58G2_7-8
Date Collected: 09/26/25 13:45
Date Received: 09/26/25 16:20

Lab Sample ID: 460-335806-67
Matrix: Solid
Percent Solids: 88.8

Method: SW846 8260D - Volatile Organic Compounds by GC/MS

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1-Trichloroethane	0.0011	U	0.0011	0.00026	mg/Kg	☼	09/29/25 10:15	10/05/25 16:25	1
1,1,2,2-Tetrachloroethane	0.0011	U	0.0011	0.00058	mg/Kg	☼	09/29/25 10:15	10/05/25 16:25	1
1,1,2-Trichloro-1,2,2-trifluoroethane	0.0011	U	0.0011	0.00033	mg/Kg	☼	09/29/25 10:15	10/05/25 16:25	1
1,1,2-Trichloroethane	0.0011	U	0.0011	0.00067	mg/Kg	☼	09/29/25 10:15	10/05/25 16:25	1
1,1-Dichloroethane	0.0011	U	0.0011	0.00066	mg/Kg	☼	09/29/25 10:15	10/05/25 16:25	1
1,1-Dichloroethene	0.0011	U *	0.0011	0.00025	mg/Kg	☼	09/29/25 10:15	10/05/25 16:25	1
1,2,3-Trichlorobenzene	0.0011	U	0.0011	0.00082	mg/Kg	☼	09/29/25 10:15	10/05/25 16:25	1
1,2,4-Trichlorobenzene	0.0011	U	0.0011	0.00040	mg/Kg	☼	09/29/25 10:15	10/05/25 16:25	1
1,2,4-Trimethylbenzene	0.0011	U	0.0011	0.00027	mg/Kg	☼	09/29/25 10:15	10/05/25 16:25	1
1,2-Dibromo-3-Chloropropane	0.0011	U	0.0011	0.00051	mg/Kg	☼	09/29/25 10:15	10/05/25 16:25	1
1,2-Dichlorobenzene	0.0011	U	0.0011	0.00040	mg/Kg	☼	09/29/25 10:15	10/05/25 16:25	1
1,2-Dichloroethane	0.0011	U	0.0011	0.00033	mg/Kg	☼	09/29/25 10:15	10/05/25 16:25	1
1,2-Dichloropropane	0.0011	U	0.0011	0.00047	mg/Kg	☼	09/29/25 10:15	10/05/25 16:25	1
1,3,5-Trimethylbenzene	0.0011	U	0.0011	0.00035	mg/Kg	☼	09/29/25 10:15	10/05/25 16:25	1
1,3-Dichlorobenzene	0.0011	U	0.0011	0.00040	mg/Kg	☼	09/29/25 10:15	10/05/25 16:25	1
1,4-Dichlorobenzene	0.0011	U	0.0011	0.00057	mg/Kg	☼	09/29/25 10:15	10/05/25 16:25	1
2-Butanone (MEK)	0.0055	U	0.0055	0.00041	mg/Kg	☼	09/29/25 10:15	10/05/25 16:25	1
2-Hexanone	0.0055	U	0.0055	0.0019	mg/Kg	☼	09/29/25 10:15	10/05/25 16:25	1
4-Methyl-2-pentanone (MIBK)	0.0055	U	0.0055	0.0017	mg/Kg	☼	09/29/25 10:15	10/05/25 16:25	1
Acetone	0.0066	U	0.0066	0.0063	mg/Kg	☼	09/29/25 10:15	10/05/25 16:25	1
Benzene	0.0011	U	0.0011	0.00063	mg/Kg	☼	09/29/25 10:15	10/05/25 16:25	1
Bromoform	0.0011	U	0.0011	0.00047	mg/Kg	☼	09/29/25 10:15	10/05/25 16:25	1
Bromomethane	0.0022	U	0.0022	0.0011	mg/Kg	☼	09/29/25 10:15	10/05/25 16:25	1
Carbon disulfide	0.0011	U	0.0011	0.00029	mg/Kg	☼	09/29/25 10:15	10/05/25 16:25	1
Carbon tetrachloride	0.0011	U	0.0011	0.00043	mg/Kg	☼	09/29/25 10:15	10/05/25 16:25	1
Chlorobenzene	0.0011	U	0.0011	0.00056	mg/Kg	☼	09/29/25 10:15	10/05/25 16:25	1
Chlorobromomethane	0.0011	U	0.0011	0.00066	mg/Kg	☼	09/29/25 10:15	10/05/25 16:25	1
Chlorodibromomethane	0.0011	U	0.0011	0.00059	mg/Kg	☼	09/29/25 10:15	10/05/25 16:25	1
Chloroethane	0.0011	U	0.0011	0.00058	mg/Kg	☼	09/29/25 10:15	10/05/25 16:25	1
Chloroform	0.0011	U	0.0011	0.0011	mg/Kg	☼	09/29/25 10:15	10/05/25 16:25	1
Chloromethane	0.0011	U	0.0011	0.00048	mg/Kg	☼	09/29/25 10:15	10/05/25 16:25	1
cis-1,2-Dichloroethene	0.0011	U	0.0011	0.00040	mg/Kg	☼	09/29/25 10:15	10/05/25 16:25	1
cis-1,3-Dichloropropene	0.0011	U	0.0011	0.00030	mg/Kg	☼	09/29/25 10:15	10/05/25 16:25	1
Cyclohexane	0.0011	U	0.0011	0.00024	mg/Kg	☼	09/29/25 10:15	10/05/25 16:25	1
Dichlorobromomethane	0.0011	U	0.0011	0.00028	mg/Kg	☼	09/29/25 10:15	10/05/25 16:25	1
Dichlorodifluoromethane	0.0011	U	0.0011	0.00037	mg/Kg	☼	09/29/25 10:15	10/05/25 16:25	1
Ethylbenzene	0.0011	U	0.0011	0.00052	mg/Kg	☼	09/29/25 10:15	10/05/25 16:25	1
Ethylene Dibromide	0.0011	U	0.0011	0.00056	mg/Kg	☼	09/29/25 10:15	10/05/25 16:25	1
Isopropylbenzene	0.0011	U	0.0011	0.00032	mg/Kg	☼	09/29/25 10:15	10/05/25 16:25	1
Methyl acetate	0.0055	U	0.0055	0.0048	mg/Kg	☼	09/29/25 10:15	10/05/25 16:25	1
Methyl tert-butyl ether	0.0011	U	0.0011	0.00057	mg/Kg	☼	09/29/25 10:15	10/05/25 16:25	1
Methylcyclohexane	0.0011	U	0.0011	0.00055	mg/Kg	☼	09/29/25 10:15	10/05/25 16:25	1
Methylene Chloride	**0.0021**	**J**	0.0022	0.0013	mg/Kg	☼	09/29/25 10:15	10/05/25 16:25	1
m-Xylene & p-Xylene	0.0011	U	0.0011	0.00047	mg/Kg	☼	09/29/25 10:15	10/05/25 16:25	1
n-Butylbenzene	0.0011	U	0.0011	0.00033	mg/Kg	☼	09/29/25 10:15	10/05/25 16:25	1
N-Propylbenzene	0.0011	U	0.0011	0.00050	mg/Kg	☼	09/29/25 10:15	10/05/25 16:25	1
o-Xylene	0.0011	U	0.0011	0.00051	mg/Kg	☼	09/29/25 10:15	10/05/25 16:25	1
sec-Butylbenzene	0.0011	U	0.0011	0.00032	mg/Kg	☼	09/29/25 10:15	10/05/25 16:25	1
Styrene	0.0011	U	0.0011	0.00031	mg/Kg	☼	09/29/25 10:15	10/05/25 16:25	1

Client Sample ID: 58G2_7-8

Lab Sample ID: 460-335806-67
Date Collected: 09/26/25 13:45
Matrix: Solid
Date Received: 09/26/25 16:20
Percent Solids: 88.8

Method: SW846 8260D - Volatile Organic Compounds by GC/MS (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
tert-Butylbenzene	0.0011	U	0.0011	0.00031	mg/Kg	☼	09/29/25 10:15	10/05/25 16:25	1
Tetrachloroethene	0.0011	U	0.0011	0.00034	mg/Kg	☼	09/29/25 10:15	10/05/25 16:25	1
Toluene	0.0011	U	0.0011	0.00026	mg/Kg	☼	09/29/25 10:15	10/05/25 16:25	1
trans-1,2-Dichloroethene	0.0011	U	0.0011	0.00027	mg/Kg	☼	09/29/25 10:15	10/05/25 16:25	1
trans-1,3-Dichloropropene	0.0011	U	0.0011	0.00029	mg/Kg	☼	09/29/25 10:15	10/05/25 16:25	1
Trichloroethene	0.0011	U	0.0011	0.00036	mg/Kg	☼	09/29/25 10:15	10/05/25 16:25	1
Trichlorofluoromethane	0.0011	U	0.0011	0.00045	mg/Kg	☼	09/29/25 10:15	10/05/25 16:25	1
Vinyl chloride	0.0011	U	0.0011	0.00060	mg/Kg	☼	09/29/25 10:15	10/05/25 16:25	1
Xylenes, Total	0.0022	U	0.0022	0.00019	mg/Kg	☼	09/29/25 10:15	10/05/25 16:25	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,2-Dichloroethane-d4 (Surr)	*110*		*65 - 138*	*09/29/25 10:15*	*10/05/25 16:25*	*1*
4-Bromofluorobenzene	*98*		*71 - 128*	*09/29/25 10:15*	*10/05/25 16:25*	*1*
Dibromofluoromethane (Surr)	*116*		*50 - 150*	*09/29/25 10:15*	*10/05/25 16:25*	*1*
Toluene-d8 (Surr)	*95*		*71 - 126*	*09/29/25 10:15*	*10/05/25 16:25*	*1*

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Percent Moisture (EPA Moisture)	**11.2**		1.0	1.0	%			09/28/25 21:11	1
Percent Solids (EPA Moisture)	**88.8**		1.0	1.0	%			09/28/25 21:11	1

Client Sample ID: 58G3_9-10

Lab Sample ID: 460-335806-68
Date Collected: 09/26/25 13:50
Matrix: Solid
Date Received: 09/26/25 16:20
Percent Solids: 87.8

Method: SW846 8260D - Volatile Organic Compounds by GC/MS

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1-Trichloroethane	0.00088	U	0.00088	0.00021	mg/Kg	☼	09/29/25 10:15	10/05/25 16:48	1
1,1,2,2-Tetrachloroethane	0.00088	U	0.00088	0.00046	mg/Kg	☼	09/29/25 10:15	10/05/25 16:48	1
1,1,2-Trichloro-1,2,2-trifluoroethane	0.00088	U	0.00088	0.00027	mg/Kg	☼	09/29/25 10:15	10/05/25 16:48	1
1,1,2-Trichloroethane	0.00088	U	0.00088	0.00053	mg/Kg	☼	09/29/25 10:15	10/05/25 16:48	1
1,1-Dichloroethane	0.00088	U	0.00088	0.00053	mg/Kg	☼	09/29/25 10:15	10/05/25 16:48	1
1,1-Dichloroethene	0.00088	U *	0.00088	0.00020	mg/Kg	☼	09/29/25 10:15	10/05/25 16:48	1
1,2,3-Trichlorobenzene	0.00088	U	0.00088	0.00065	mg/Kg	☼	09/29/25 10:15	10/05/25 16:48	1
1,2,4-Trichlorobenzene	0.00088	U	0.00088	0.00032	mg/Kg	☼	09/29/25 10:15	10/05/25 16:48	1
1,2,4-Trimethylbenzene	0.00088	U	0.00088	0.00022	mg/Kg	☼	09/29/25 10:15	10/05/25 16:48	1
1,2-Dibromo-3-Chloropropane	0.00088	U	0.00088	0.00041	mg/Kg	☼	09/29/25 10:15	10/05/25 16:48	1
1,2-Dichlorobenzene	0.00088	U	0.00088	0.00032	mg/Kg	☼	09/29/25 10:15	10/05/25 16:48	1
1,2-Dichloroethane	0.00088	U	0.00088	0.00026	mg/Kg	☼	09/29/25 10:15	10/05/25 16:48	1
1,2-Dichloropropane	0.00088	U	0.00088	0.00037	mg/Kg	☼	09/29/25 10:15	10/05/25 16:48	1
1,3,5-Trimethylbenzene	0.00088	U	0.00088	0.00028	mg/Kg	☼	09/29/25 10:15	10/05/25 16:48	1
1,3-Dichlorobenzene	0.00088	U	0.00088	0.00032	mg/Kg	☼	09/29/25 10:15	10/05/25 16:48	1
1,4-Dichlorobenzene	0.00088	U	0.00088	0.00046	mg/Kg	☼	09/29/25 10:15	10/05/25 16:48	1
2-Butanone (MEK)	0.0044	U	0.0044	0.00032	mg/Kg	☼	09/29/25 10:15	10/05/25 16:48	1
2-Hexanone	0.0044	U	0.0044	0.0015	mg/Kg	☼	09/29/25 10:15	10/05/25 16:48	1
4-Methyl-2-pentanone (MIBK)	0.0044	U	0.0044	0.0014	mg/Kg	☼	09/29/25 10:15	10/05/25 16:48	1
Acetone	0.0053	U	0.0053	0.0050	mg/Kg	☼	09/29/25 10:15	10/05/25 16:48	1
Benzene	0.00088	U	0.00088	0.00050	mg/Kg	☼	09/29/25 10:15	10/05/25 16:48	1
Bromoform	0.00088	U	0.00088	0.00037	mg/Kg	☼	09/29/25 10:15	10/05/25 16:48	1
Bromomethane	0.0018	U	0.0018	0.00088	mg/Kg	☼	09/29/25 10:15	10/05/25 16:48	1

Client: Haley & Aldrich, Inc.
Project/Site: Former Port Mobil

Job ID: 460-335806-1

Client Sample ID: 58G3_9-10
Date Collected: 09/26/25 13:50
Date Received: 09/26/25 16:20

Lab Sample ID: 460-335806-68
Matrix: Solid
Percent Solids: 87.8

Method: SW846 8260D - Volatile Organic Compounds by GC/MS (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Carbon disulfide	0.00088	U	0.00088	0.00023	mg/Kg	☼	09/29/25 10:15	10/05/25 16:48	1
Carbon tetrachloride	0.00088	U	0.00088	0.00034	mg/Kg	☼	09/29/25 10:15	10/05/25 16:48	1
Chlorobenzene	0.00088	U	0.00088	0.00045	mg/Kg	☼	09/29/25 10:15	10/05/25 16:48	1
Chlorobromomethane	0.00088	U	0.00088	0.00053	mg/Kg	☼	09/29/25 10:15	10/05/25 16:48	1
Chlorodibromomethane	0.00088	U	0.00088	0.00047	mg/Kg	☼	09/29/25 10:15	10/05/25 16:48	1
Chloroethane	0.00088	U	0.00088	0.00046	mg/Kg	☼	09/29/25 10:15	10/05/25 16:48	1
Chloroform	0.00088	U	0.00088	0.00086	mg/Kg	☼	09/29/25 10:15	10/05/25 16:48	1
Chloromethane	0.00088	U	0.00088	0.00038	mg/Kg	☼	09/29/25 10:15	10/05/25 16:48	1
cis-1,2-Dichloroethene	0.00088	U	0.00088	0.00032	mg/Kg	☼	09/29/25 10:15	10/05/25 16:48	1
cis-1,3-Dichloropropene	0.00088	U	0.00088	0.00024	mg/Kg	☼	09/29/25 10:15	10/05/25 16:48	1
Cyclohexane	0.00088	U	0.00088	0.00019	mg/Kg	☼	09/29/25 10:15	10/05/25 16:48	1
Dichlorobromomethane	0.00088	U	0.00088	0.00023	mg/Kg	☼	09/29/25 10:15	10/05/25 16:48	1
Dichlorodifluoromethane	0.00088	U	0.00088	0.00030	mg/Kg	☼	09/29/25 10:15	10/05/25 16:48	1
Ethylbenzene	0.00088	U	0.00088	0.00041	mg/Kg	☼	09/29/25 10:15	10/05/25 16:48	1
Ethylene Dibromide	0.00088	U	0.00088	0.00044	mg/Kg	☼	09/29/25 10:15	10/05/25 16:48	1
Isopropylbenzene	0.00088	U	0.00088	0.00025	mg/Kg	☼	09/29/25 10:15	10/05/25 16:48	1
Methyl acetate	0.0044	U	0.0044	0.0038	mg/Kg	☼	09/29/25 10:15	10/05/25 16:48	1
Methyl tert-butyl ether	0.00088	U	0.00088	0.00045	mg/Kg	☼	09/29/25 10:15	10/05/25 16:48	1
Methylcyclohexane	0.00088	U	0.00088	0.00044	mg/Kg	☼	09/29/25 10:15	10/05/25 16:48	1
Methylene Chloride	**0.0030**		0.0018	0.0010	mg/Kg	☼	09/29/25 10:15	10/05/25 16:48	1
m-Xylene & p-Xylene	0.00088	U	0.00088	0.00037	mg/Kg	☼	09/29/25 10:15	10/05/25 16:48	1
n-Butylbenzene	0.00088	U	0.00088	0.00026	mg/Kg	☼	09/29/25 10:15	10/05/25 16:48	1
N-Propylbenzene	0.00088	U	0.00088	0.00040	mg/Kg	☼	09/29/25 10:15	10/05/25 16:48	1
o-Xylene	0.00088	U	0.00088	0.00041	mg/Kg	☼	09/29/25 10:15	10/05/25 16:48	1
sec-Butylbenzene	0.00088	U	0.00088	0.00025	mg/Kg	☼	09/29/25 10:15	10/05/25 16:48	1
Styrene	0.00088	U	0.00088	0.00024	mg/Kg	☼	09/29/25 10:15	10/05/25 16:48	1
tert-Butylbenzene	0.00088	U	0.00088	0.00024	mg/Kg	☼	09/29/25 10:15	10/05/25 16:48	1
Tetrachloroethene	0.00088	U	0.00088	0.00027	mg/Kg	☼	09/29/25 10:15	10/05/25 16:48	1
Toluene	0.00088	U	0.00088	0.00021	mg/Kg	☼	09/29/25 10:15	10/05/25 16:48	1
trans-1,2-Dichloroethene	0.00088	U	0.00088	0.00022	mg/Kg	☼	09/29/25 10:15	10/05/25 16:48	1
trans-1,3-Dichloropropene	0.00088	U	0.00088	0.00023	mg/Kg	☼	09/29/25 10:15	10/05/25 16:48	1
Trichloroethene	0.00088	U	0.00088	0.00028	mg/Kg	☼	09/29/25 10:15	10/05/25 16:48	1
Trichlorofluoromethane	0.00088	U	0.00088	0.00036	mg/Kg	☼	09/29/25 10:15	10/05/25 16:48	1
Vinyl chloride	0.00088	U	0.00088	0.00048	mg/Kg	☼	09/29/25 10:15	10/05/25 16:48	1
Xylenes, Total	0.0018	U	0.0018	0.00015	mg/Kg	☼	09/29/25 10:15	10/05/25 16:48	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,2-Dichloroethane-d4 (Surr)	*112*		*65 - 138*	*09/29/25 10:15*	*10/05/25 16:48*	*1*
4-Bromofluorobenzene	*105*		*71 - 128*	*09/29/25 10:15*	*10/05/25 16:48*	*1*
Dibromofluoromethane (Surr)	*117*		*50 - 150*	*09/29/25 10:15*	*10/05/25 16:48*	*1*
Toluene-d8 (Surr)	*98*		*71 - 126*	*09/29/25 10:15*	*10/05/25 16:48*	*1*

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Percent Moisture (EPA Moisture)	**12.2**		1.0	1.0	%			09/28/25 21:11	1
Percent Solids (EPA Moisture)	**87.8**		1.0	1.0	%			09/28/25 21:11	1

Client: Haley & Aldrich, Inc.
Project/Site: Former Port Mobil

Job ID: 460-335806-1

Client Sample ID: 58G3_6-7
Date Collected: 09/26/25 13:55
Date Received: 09/26/25 16:20

Lab Sample ID: 460-335806-69
Matrix: Solid
Percent Solids: 87.6

Method: SW846 8260D - Volatile Organic Compounds by GC/MS

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1-Trichloroethane	0.0010	U	0.0010	0.00024	mg/Kg	☼	09/29/25 10:25	10/05/25 17:11	1
1,1,2,2-Tetrachloroethane	0.0010	U	0.0010	0.00053	mg/Kg	☼	09/29/25 10:25	10/05/25 17:11	1
1,1,2-Trichloro-1,2,2-trifluoroethane	0.0010	U	0.0010	0.00030	mg/Kg	☼	09/29/25 10:25	10/05/25 17:11	1
1,1,2-Trichloroethane	0.0010	U	0.0010	0.00061	mg/Kg	☼	09/29/25 10:25	10/05/25 17:11	1
1,1-Dichloroethane	0.0010	U	0.0010	0.00060	mg/Kg	☼	09/29/25 10:25	10/05/25 17:11	1
1,1-Dichloroethene	0.0010	U *	0.0010	0.00023	mg/Kg	☼	09/29/25 10:25	10/05/25 17:11	1
1,2,3-Trichlorobenzene	0.0010	U	0.0010	0.00075	mg/Kg	☼	09/29/25 10:25	10/05/25 17:11	1
1,2,4-Trichlorobenzene	0.0010	U	0.0010	0.00036	mg/Kg	☼	09/29/25 10:25	10/05/25 17:11	1
1,2,4-Trimethylbenzene	0.0010	U	0.0010	0.00025	mg/Kg	☼	09/29/25 10:25	10/05/25 17:11	1
1,2-Dibromo-3-Chloropropane	0.0010	U	0.0010	0.00047	mg/Kg	☼	09/29/25 10:25	10/05/25 17:11	1
1,2-Dichlorobenzene	0.0010	U	0.0010	0.00036	mg/Kg	☼	09/29/25 10:25	10/05/25 17:11	1
1,2-Dichloroethane	0.0010	U	0.0010	0.00030	mg/Kg	☼	09/29/25 10:25	10/05/25 17:11	1
1,2-Dichloropropane	0.0010	U	0.0010	0.00043	mg/Kg	☼	09/29/25 10:25	10/05/25 17:11	1
1,3,5-Trimethylbenzene	0.0010	U	0.0010	0.00032	mg/Kg	☼	09/29/25 10:25	10/05/25 17:11	1
1,3-Dichlorobenzene	0.0010	U	0.0010	0.00037	mg/Kg	☼	09/29/25 10:25	10/05/25 17:11	1
1,4-Dichlorobenzene	0.0010	U	0.0010	0.00052	mg/Kg	☼	09/29/25 10:25	10/05/25 17:11	1
2-Butanone (MEK)	0.0051	U	0.0051	0.00037	mg/Kg	☼	09/29/25 10:25	10/05/25 17:11	1
2-Hexanone	0.0051	U	0.0051	0.0017	mg/Kg	☼	09/29/25 10:25	10/05/25 17:11	1
4-Methyl-2-pentanone (MIBK)	0.0051	U	0.0051	0.0016	mg/Kg	☼	09/29/25 10:25	10/05/25 17:11	1
Acetone	0.0061	U	0.0061	0.0058	mg/Kg	☼	09/29/25 10:25	10/05/25 17:11	1
Benzene	0.0010	U	0.0010	0.00057	mg/Kg	☼	09/29/25 10:25	10/05/25 17:11	1
Bromoform	0.0010	U	0.0010	0.00043	mg/Kg	☼	09/29/25 10:25	10/05/25 17:11	1
Bromomethane	0.0020	U	0.0020	0.0010	mg/Kg	☼	09/29/25 10:25	10/05/25 17:11	1
Carbon disulfide	0.0010	U	0.0010	0.00027	mg/Kg	☼	09/29/25 10:25	10/05/25 17:11	1
Carbon tetrachloride	0.0010	U	0.0010	0.00039	mg/Kg	☼	09/29/25 10:25	10/05/25 17:11	1
Chlorobenzene	0.0010	U	0.0010	0.00051	mg/Kg	☼	09/29/25 10:25	10/05/25 17:11	1
Chlorobromomethane	0.0010	U	0.0010	0.00060	mg/Kg	☼	09/29/25 10:25	10/05/25 17:11	1
Chlorodibromomethane	0.0010	U	0.0010	0.00054	mg/Kg	☼	09/29/25 10:25	10/05/25 17:11	1
Chloroethane	0.0010	U	0.0010	0.00053	mg/Kg	☼	09/29/25 10:25	10/05/25 17:11	1
Chloroform	0.0010	U	0.0010	0.00098	mg/Kg	☼	09/29/25 10:25	10/05/25 17:11	1
Chloromethane	0.0010	U	0.0010	0.00044	mg/Kg	☼	09/29/25 10:25	10/05/25 17:11	1
cis-1,2-Dichloroethene	0.0010	U	0.0010	0.00036	mg/Kg	☼	09/29/25 10:25	10/05/25 17:11	1
cis-1,3-Dichloropropene	0.0010	U	0.0010	0.00028	mg/Kg	☼	09/29/25 10:25	10/05/25 17:11	1
Cyclohexane	0.0010	U	0.0010	0.00022	mg/Kg	☼	09/29/25 10:25	10/05/25 17:11	1
Dichlorobromomethane	0.0010	U	0.0010	0.00026	mg/Kg	☼	09/29/25 10:25	10/05/25 17:11	1
Dichlorodifluoromethane	0.0010	U	0.0010	0.00034	mg/Kg	☼	09/29/25 10:25	10/05/25 17:11	1
Ethylbenzene	0.0010	U	0.0010	0.00047	mg/Kg	☼	09/29/25 10:25	10/05/25 17:11	1
Ethylene Dibromide	0.0010	U	0.0010	0.00051	mg/Kg	☼	09/29/25 10:25	10/05/25 17:11	1
Isopropylbenzene	0.0010	U	0.0010	0.00029	mg/Kg	☼	09/29/25 10:25	10/05/25 17:11	1
Methyl acetate	0.0051	U	0.0051	0.0043	mg/Kg	☼	09/29/25 10:25	10/05/25 17:11	1
Methyl tert-butyl ether	0.0010	U	0.0010	0.00052	mg/Kg	☼	09/29/25 10:25	10/05/25 17:11	1
Methylcyclohexane	0.0010	U	0.0010	0.00050	mg/Kg	☼	09/29/25 10:25	10/05/25 17:11	1
Methylene Chloride	0.0020	U	0.0020	0.0012	mg/Kg	☼	09/29/25 10:25	10/05/25 17:11	1
m-Xylene & p-Xylene	0.0010	U	0.0010	0.00043	mg/Kg	☼	09/29/25 10:25	10/05/25 17:11	1
n-Butylbenzene	0.0010	U	0.0010	0.00030	mg/Kg	☼	09/29/25 10:25	10/05/25 17:11	1
N-Propylbenzene	0.0010	U	0.0010	0.00045	mg/Kg	☼	09/29/25 10:25	10/05/25 17:11	1
o-Xylene	0.0010	U	0.0010	0.00047	mg/Kg	☼	09/29/25 10:25	10/05/25 17:11	1
sec-Butylbenzene	0.0010	U	0.0010	0.00029	mg/Kg	☼	09/29/25 10:25	10/05/25 17:11	1
Styrene	0.0010	U	0.0010	0.00028	mg/Kg	☼	09/29/25 10:25	10/05/25 17:11	1

Client Sample ID: 58G3_6-7

Lab Sample ID: 460-335806-69
Date Collected: 09/26/25 13:55
Matrix: Solid
Date Received: 09/26/25 16:20
Percent Solids: 87.6

Method: SW846 8260D - Volatile Organic Compounds by GC/MS (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
tert-Butylbenzene	0.0010	U	0.0010	0.00028	mg/Kg	☼	09/29/25 10:25	10/05/25 17:11	1
Tetrachloroethene	0.0010	U	0.0010	0.00031	mg/Kg	☼	09/29/25 10:25	10/05/25 17:11	1
Toluene	0.0010	U	0.0010	0.00024	mg/Kg	☼	09/29/25 10:25	10/05/25 17:11	1
trans-1,2-Dichloroethene	0.0010	U	0.0010	0.00025	mg/Kg	☼	09/29/25 10:25	10/05/25 17:11	1
trans-1,3-Dichloropropene	0.0010	U	0.0010	0.00027	mg/Kg	☼	09/29/25 10:25	10/05/25 17:11	1
Trichloroethene	0.0010	U	0.0010	0.00032	mg/Kg	☼	09/29/25 10:25	10/05/25 17:11	1
Trichlorofluoromethane	0.0010	U	0.0010	0.00041	mg/Kg	☼	09/29/25 10:25	10/05/25 17:11	1
Vinyl chloride	0.0010	U	0.0010	0.00055	mg/Kg	☼	09/29/25 10:25	10/05/25 17:11	1
Xylenes, Total	0.0020	U	0.0020	0.00018	mg/Kg	☼	09/29/25 10:25	10/05/25 17:11	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,2-Dichloroethane-d4 (Surr)	*110*		*65 - 138*	*09/29/25 10:25*	*10/05/25 17:11*	*1*
4-Bromofluorobenzene	*99*		*71 - 128*	*09/29/25 10:25*	*10/05/25 17:11*	*1*
Dibromofluoromethane (Surr)	*114*		*50 - 150*	*09/29/25 10:25*	*10/05/25 17:11*	*1*
Toluene-d8 (Surr)	*95*		*71 - 126*	*09/29/25 10:25*	*10/05/25 17:11*	*1*

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Percent Moisture (EPA Moisture)	**12.4**		1.0	1.0	%			09/28/25 21:11	1
Percent Solids (EPA Moisture)	**87.6**		1.0	1.0	%			09/28/25 21:11	1

Client Sample ID: 58H1_2-3

Lab Sample ID: 460-335806-70
Date Collected: 09/26/25 14:00
Matrix: Solid
Date Received: 09/26/25 16:20
Percent Solids: 90.5

Method: SW846 8260D - Volatile Organic Compounds by GC/MS

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1-Trichloroethane	0.0017	U	0.0017	0.00039	mg/Kg	☼	09/29/25 10:25	10/05/25 17:34	1
1,1,2,2-Tetrachloroethane	0.0017	U	0.0017	0.00088	mg/Kg	☼	09/29/25 10:25	10/05/25 17:34	1
1,1,2-Trichloro-1,2,2-trifluoroethane	0.0017	U	0.0017	0.00051	mg/Kg	☼	09/29/25 10:25	10/05/25 17:34	1
1,1,2-Trichloroethane	0.0017	U	0.0017	0.0010	mg/Kg	☼	09/29/25 10:25	10/05/25 17:34	1
1,1-Dichloroethane	0.0017	U	0.0017	0.0010	mg/Kg	☼	09/29/25 10:25	10/05/25 17:34	1
1,1-Dichloroethene	0.0017	U *	0.0017	0.00038	mg/Kg	☼	09/29/25 10:25	10/05/25 17:34	1
1,2,3-Trichlorobenzene	0.0017	U	0.0017	0.0012	mg/Kg	☼	09/29/25 10:25	10/05/25 17:34	1
1,2,4-Trichlorobenzene	0.0017	U	0.0017	0.00060	mg/Kg	☼	09/29/25 10:25	10/05/25 17:34	1
1,2,4-Trimethylbenzene	0.0017	U	0.0017	0.00042	mg/Kg	☼	09/29/25 10:25	10/05/25 17:34	1
1,2-Dibromo-3-Chloropropane	0.0017	U	0.0017	0.00078	mg/Kg	☼	09/29/25 10:25	10/05/25 17:34	1
1,2-Dichlorobenzene	0.0017	U	0.0017	0.00061	mg/Kg	☼	09/29/25 10:25	10/05/25 17:34	1
1,2-Dichloroethane	0.0017	U	0.0017	0.00050	mg/Kg	☼	09/29/25 10:25	10/05/25 17:34	1
1,2-Dichloropropane	0.0017	U	0.0017	0.00071	mg/Kg	☼	09/29/25 10:25	10/05/25 17:34	1
1,3,5-Trimethylbenzene	0.0017	U	0.0017	0.00053	mg/Kg	☼	09/29/25 10:25	10/05/25 17:34	1
1,3-Dichlorobenzene	0.0017	U	0.0017	0.00062	mg/Kg	☼	09/29/25 10:25	10/05/25 17:34	1
1,4-Dichlorobenzene	0.0017	U	0.0017	0.00088	mg/Kg	☼	09/29/25 10:25	10/05/25 17:34	1
2-Butanone (MEK)	0.0084	U	0.0084	0.00062	mg/Kg	☼	09/29/25 10:25	10/05/25 17:34	1
2-Hexanone	0.0084	U	0.0084	0.0029	mg/Kg	☼	09/29/25 10:25	10/05/25 17:34	1
4-Methyl-2-pentanone (MIBK)	0.0084	U	0.0084	0.0026	mg/Kg	☼	09/29/25 10:25	10/05/25 17:34	1
Acetone	0.010	U	0.010	0.0097	mg/Kg	☼	09/29/25 10:25	10/05/25 17:34	1
Benzene	0.0017	U	0.0017	0.00096	mg/Kg	☼	09/29/25 10:25	10/05/25 17:34	1
Bromoform	0.0017	U	0.0017	0.00072	mg/Kg	☼	09/29/25 10:25	10/05/25 17:34	1
Bromomethane	0.0034	U	0.0034	0.0017	mg/Kg	☼	09/29/25 10:25	10/05/25 17:34	1

Client: Haley & Aldrich, Inc.
Project/Site: Former Port Mobil

Job ID: 460-335806-1

Client Sample ID: 58H1_2-3
Date Collected: 09/26/25 14:00
Date Received: 09/26/25 16:20

Lab Sample ID: 460-335806-70
Matrix: Solid
Percent Solids: 90.5

Method: SW846 8260D - Volatile Organic Compounds by GC/MS (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Carbon disulfide	0.0017	U	0.0017	0.00045	mg/Kg	☼	09/29/25 10:25	10/05/25 17:34	1
Carbon tetrachloride	0.0017	U	0.0017	0.00065	mg/Kg	☼	09/29/25 10:25	10/05/25 17:34	1
Chlorobenzene	0.0017	U	0.0017	0.00086	mg/Kg	☼	09/29/25 10:25	10/05/25 17:34	1
Chlorobromomethane	0.0017	U	0.0017	0.0010	mg/Kg	☼	09/29/25 10:25	10/05/25 17:34	1
Chlorodibromomethane	0.0017	U	0.0017	0.00091	mg/Kg	☼	09/29/25 10:25	10/05/25 17:34	1
Chloroethane	0.0017	U	0.0017	0.00088	mg/Kg	☼	09/29/25 10:25	10/05/25 17:34	1
Chloroform	0.0017	U	0.0017	0.0016	mg/Kg	☼	09/29/25 10:25	10/05/25 17:34	1
Chloromethane	0.0017	U	0.0017	0.00073	mg/Kg	☼	09/29/25 10:25	10/05/25 17:34	1
cis-1,2-Dichloroethene	0.0017	U	0.0017	0.00060	mg/Kg	☼	09/29/25 10:25	10/05/25 17:34	1
cis-1,3-Dichloropropene	0.0017	U	0.0017	0.00046	mg/Kg	☼	09/29/25 10:25	10/05/25 17:34	1
Cyclohexane	0.0017	U	0.0017	0.00037	mg/Kg	☼	09/29/25 10:25	10/05/25 17:34	1
Dichlorobromomethane	0.0017	U	0.0017	0.00043	mg/Kg	☼	09/29/25 10:25	10/05/25 17:34	1
Dichlorodifluoromethane	0.0017	U	0.0017	0.00057	mg/Kg	☼	09/29/25 10:25	10/05/25 17:34	1
Ethylbenzene	0.0017	U	0.0017	0.00079	mg/Kg	☼	09/29/25 10:25	10/05/25 17:34	1
Ethylene Dibromide	0.0017	U	0.0017	0.00085	mg/Kg	☼	09/29/25 10:25	10/05/25 17:34	1
Isopropylbenzene	0.0017	U	0.0017	0.00048	mg/Kg	☼	09/29/25 10:25	10/05/25 17:34	1
Methyl acetate	0.0084	U	0.0084	0.0073	mg/Kg	☼	09/29/25 10:25	10/05/25 17:34	1
Methyl tert-butyl ether	0.0017	U	0.0017	0.00086	mg/Kg	☼	09/29/25 10:25	10/05/25 17:34	1
Methylcyclohexane	0.0017	U	0.0017	0.00084	mg/Kg	☼	09/29/25 10:25	10/05/25 17:34	1
Methylene Chloride	**0.0055**		0.0034	0.0019	mg/Kg	☼	09/29/25 10:25	10/05/25 17:34	1
m-Xylene & p-Xylene	0.0017	U	0.0017	0.00071	mg/Kg	☼	09/29/25 10:25	10/05/25 17:34	1
n-Butylbenzene	0.0017	U	0.0017	0.00050	mg/Kg	☼	09/29/25 10:25	10/05/25 17:34	1
N-Propylbenzene	0.0017	U	0.0017	0.00076	mg/Kg	☼	09/29/25 10:25	10/05/25 17:34	1
o-Xylene	0.0017	U	0.0017	0.00078	mg/Kg	☼	09/29/25 10:25	10/05/25 17:34	1
sec-Butylbenzene	0.0017	U	0.0017	0.00049	mg/Kg	☼	09/29/25 10:25	10/05/25 17:34	1
Styrene	0.0017	U	0.0017	0.00047	mg/Kg	☼	09/29/25 10:25	10/05/25 17:34	1
tert-Butylbenzene	0.0017	U	0.0017	0.00047	mg/Kg	☼	09/29/25 10:25	10/05/25 17:34	1
Tetrachloroethene	0.0017	U	0.0017	0.00052	mg/Kg	☼	09/29/25 10:25	10/05/25 17:34	1
Toluene	0.0017	U	0.0017	0.00040	mg/Kg	☼	09/29/25 10:25	10/05/25 17:34	1
trans-1,2-Dichloroethene	0.0017	U	0.0017	0.00042	mg/Kg	☼	09/29/25 10:25	10/05/25 17:34	1
trans-1,3-Dichloropropene	0.0017	U	0.0017	0.00045	mg/Kg	☼	09/29/25 10:25	10/05/25 17:34	1
Trichloroethene	0.0017	U	0.0017	0.00054	mg/Kg	☼	09/29/25 10:25	10/05/25 17:34	1
Trichlorofluoromethane	0.0017	U	0.0017	0.00069	mg/Kg	☼	09/29/25 10:25	10/05/25 17:34	1
Vinyl chloride	0.0017	U	0.0017	0.00092	mg/Kg	☼	09/29/25 10:25	10/05/25 17:34	1
Xylenes, Total	0.0034	U	0.0034	0.00029	mg/Kg	☼	09/29/25 10:25	10/05/25 17:34	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,2-Dichloroethane-d4 (Surr)	*110*		*65 - 138*	*09/29/25 10:25*	*10/05/25 17:34*	*1*
4-Bromofluorobenzene	*99*		*71 - 128*	*09/29/25 10:25*	*10/05/25 17:34*	*1*
Dibromofluoromethane (Surr)	*113*		*50 - 150*	*09/29/25 10:25*	*10/05/25 17:34*	*1*
Toluene-d8 (Surr)	*95*		*71 - 126*	*09/29/25 10:25*	*10/05/25 17:34*	*1*

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Percent Moisture (EPA Moisture)	**9.5**		1.0	1.0	%			09/28/25 21:11	1
Percent Solids (EPA Moisture)	**90.5**		1.0	1.0	%			09/28/25 21:11	1

Client Sample ID: 58H2_3-4

Date Collected: 09/26/25 14:05
Date Received: 09/26/25 16:20

Lab Sample ID: 460-335806-71

Matrix: Solid
Percent Solids: 88.0

Method: SW846 8260D - Volatile Organic Compounds by GC/MS

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1-Trichloroethane	0.0012	U	0.0012	0.00028	mg/Kg	☼	09/29/25 10:25	10/05/25 17:57	1
1,1,2,2-Tetrachloroethane	0.0012	U	0.0012	0.00063	mg/Kg	☼	09/29/25 10:25	10/05/25 17:57	1
1,1,2-Trichloro-1,2,2-trifluoroethane	0.0012	U	0.0012	0.00036	mg/Kg	☼	09/29/25 10:25	10/05/25 17:57	1
1,1,2-Trichloroethane	0.0012	U	0.0012	0.00072	mg/Kg	☼	09/29/25 10:25	10/05/25 17:57	1
1,1-Dichloroethane	0.0012	U	0.0012	0.00072	mg/Kg	☼	09/29/25 10:25	10/05/25 17:57	1
1,1-Dichloroethene	0.0012	U *	0.0012	0.00027	mg/Kg	☼	09/29/25 10:25	10/05/25 17:57	1
1,2,3-Trichlorobenzene	0.0012	U	0.0012	0.00089	mg/Kg	☼	09/29/25 10:25	10/05/25 17:57	1
1,2,4-Trichlorobenzene	0.0012	U	0.0012	0.00043	mg/Kg	☼	09/29/25 10:25	10/05/25 17:57	1
1,2,4-Trimethylbenzene	0.0012	U	0.0012	0.00030	mg/Kg	☼	09/29/25 10:25	10/05/25 17:57	1
1,2-Dibromo-3-Chloropropane	0.0012	U	0.0012	0.00055	mg/Kg	☼	09/29/25 10:25	10/05/25 17:57	1
1,2-Dichlorobenzene	0.0012	U	0.0012	0.00043	mg/Kg	☼	09/29/25 10:25	10/05/25 17:57	1
1,2-Dichloroethane	0.0012	U	0.0012	0.00036	mg/Kg	☼	09/29/25 10:25	10/05/25 17:57	1
1,2-Dichloropropane	0.0012	U	0.0012	0.00051	mg/Kg	☼	09/29/25 10:25	10/05/25 17:57	1
1,3,5-Trimethylbenzene	0.0012	U	0.0012	0.00038	mg/Kg	☼	09/29/25 10:25	10/05/25 17:57	1
1,3-Dichlorobenzene	0.0012	U	0.0012	0.00044	mg/Kg	☼	09/29/25 10:25	10/05/25 17:57	1
1,4-Dichlorobenzene	0.0012	U	0.0012	0.00062	mg/Kg	☼	09/29/25 10:25	10/05/25 17:57	1
2-Butanone (MEK)	0.0060	U	0.0060	0.00044	mg/Kg	☼	09/29/25 10:25	10/05/25 17:57	1
2-Hexanone	0.0060	U	0.0060	0.0021	mg/Kg	☼	09/29/25 10:25	10/05/25 17:57	1
4-Methyl-2-pentanone (MIBK)	0.0060	U	0.0060	0.0019	mg/Kg	☼	09/29/25 10:25	10/05/25 17:57	1
Acetone	0.0072	U	0.0072	0.0069	mg/Kg	☼	09/29/25 10:25	10/05/25 17:57	1
Benzene	0.0012	U	0.0012	0.00068	mg/Kg	☼	09/29/25 10:25	10/05/25 17:57	1
Bromoform	0.0012	U	0.0012	0.00051	mg/Kg	☼	09/29/25 10:25	10/05/25 17:57	1
Bromomethane	0.0024	U	0.0024	0.0012	mg/Kg	☼	09/29/25 10:25	10/05/25 17:57	1
Carbon disulfide	0.0012	U	0.0012	0.00032	mg/Kg	☼	09/29/25 10:25	10/05/25 17:57	1
Carbon tetrachloride	0.0012	U	0.0012	0.00047	mg/Kg	☼	09/29/25 10:25	10/05/25 17:57	1
Chlorobenzene	0.0012	U	0.0012	0.00061	mg/Kg	☼	09/29/25 10:25	10/05/25 17:57	1
Chlorobromomethane	0.0012	U	0.0012	0.00072	mg/Kg	☼	09/29/25 10:25	10/05/25 17:57	1
Chlorodibromomethane	0.0012	U	0.0012	0.00065	mg/Kg	☼	09/29/25 10:25	10/05/25 17:57	1
Chloroethane	0.0012	U	0.0012	0.00063	mg/Kg	☼	09/29/25 10:25	10/05/25 17:57	1
Chloroform	0.0012	U	0.0012	0.0012	mg/Kg	☼	09/29/25 10:25	10/05/25 17:57	1
Chloromethane	0.0012	U	0.0012	0.00052	mg/Kg	☼	09/29/25 10:25	10/05/25 17:57	1
cis-1,2-Dichloroethene	0.0012	U	0.0012	0.00043	mg/Kg	☼	09/29/25 10:25	10/05/25 17:57	1
cis-1,3-Dichloropropene	0.0012	U	0.0012	0.00033	mg/Kg	☼	09/29/25 10:25	10/05/25 17:57	1
Cyclohexane	0.0012	U	0.0012	0.00027	mg/Kg	☼	09/29/25 10:25	10/05/25 17:57	1
Dichlorobromomethane	0.0012	U	0.0012	0.00031	mg/Kg	☼	09/29/25 10:25	10/05/25 17:57	1
Dichlorodifluoromethane	0.0012	U	0.0012	0.00041	mg/Kg	☼	09/29/25 10:25	10/05/25 17:57	1
Ethylbenzene	0.0012	U	0.0012	0.00056	mg/Kg	☼	09/29/25 10:25	10/05/25 17:57	1
Ethylene Dibromide	0.0012	U	0.0012	0.00061	mg/Kg	☼	09/29/25 10:25	10/05/25 17:57	1
Isopropylbenzene	0.0012	U	0.0012	0.00034	mg/Kg	☼	09/29/25 10:25	10/05/25 17:57	1
Methyl acetate	0.0060	U	0.0060	0.0052	mg/Kg	☼	09/29/25 10:25	10/05/25 17:57	1
Methyl tert-butyl ether	0.0012	U	0.0012	0.00062	mg/Kg	☼	09/29/25 10:25	10/05/25 17:57	1
Methylcyclohexane	0.0012	U	0.0012	0.00060	mg/Kg	☼	09/29/25 10:25	10/05/25 17:57	1
Methylene Chloride	**0.0032**		0.0024	0.0014	mg/Kg	☼	09/29/25 10:25	10/05/25 17:57	1
m-Xylene & p-Xylene	0.0012	U	0.0012	0.00051	mg/Kg	☼	09/29/25 10:25	10/05/25 17:57	1
n-Butylbenzene	0.0012	U	0.0012	0.00035	mg/Kg	☼	09/29/25 10:25	10/05/25 17:57	1
N-Propylbenzene	0.0012	U	0.0012	0.00054	mg/Kg	☼	09/29/25 10:25	10/05/25 17:57	1
o-Xylene	0.0012	U	0.0012	0.00055	mg/Kg	☼	09/29/25 10:25	10/05/25 17:57	1
sec-Butylbenzene	0.0012	U	0.0012	0.00035	mg/Kg	☼	09/29/25 10:25	10/05/25 17:57	1
Styrene	0.0012	U	0.0012	0.00033	mg/Kg	☼	09/29/25 10:25	10/05/25 17:57	1

Client Sample ID: 58H2_3-4

Lab Sample ID: 460-335806-71
Date Collected: 09/26/25 14:05
Matrix: Solid
Date Received: 09/26/25 16:20
Percent Solids: 88.0

Method: SW846 8260D - Volatile Organic Compounds by GC/MS (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
tert-Butylbenzene	0.0012	U	0.0012	0.00033	mg/Kg	☼	09/29/25 10:25	10/05/25 17:57	1
Tetrachloroethene	0.0012	U	0.0012	0.00037	mg/Kg	☼	09/29/25 10:25	10/05/25 17:57	1
Toluene	0.0012	U	0.0012	0.00028	mg/Kg	☼	09/29/25 10:25	10/05/25 17:57	1
trans-1,2-Dichloroethene	0.0012	U	0.0012	0.00030	mg/Kg	☼	09/29/25 10:25	10/05/25 17:57	1
trans-1,3-Dichloropropene	0.0012	U	0.0012	0.00032	mg/Kg	☼	09/29/25 10:25	10/05/25 17:57	1
Trichloroethene	0.0012	U	0.0012	0.00039	mg/Kg	☼	09/29/25 10:25	10/05/25 17:57	1
Trichlorofluoromethane	0.0012	U	0.0012	0.00049	mg/Kg	☼	09/29/25 10:25	10/05/25 17:57	1
Vinyl chloride	0.0012	U	0.0012	0.00066	mg/Kg	☼	09/29/25 10:25	10/05/25 17:57	1
Xylenes, Total	0.0024	U	0.0024	0.00021	mg/Kg	☼	09/29/25 10:25	10/05/25 17:57	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,2-Dichloroethane-d4 (Surr)	*110*		*65 - 138*	*09/29/25 10:25*	*10/05/25 17:57*	*1*
4-Bromofluorobenzene	*100*		*71 - 128*	*09/29/25 10:25*	*10/05/25 17:57*	*1*
Dibromofluoromethane (Surr)	*111*		*50 - 150*	*09/29/25 10:25*	*10/05/25 17:57*	*1*
Toluene-d8 (Surr)	*96*		*71 - 126*	*09/29/25 10:25*	*10/05/25 17:57*	*1*

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Percent Moisture (EPA Moisture)	**12.0**		1.0	1.0	%			09/28/25 21:11	1
Percent Solids (EPA Moisture)	**88.0**		1.0	1.0	%			09/28/25 21:11	1

Client Sample ID: 58H3_1-2

Lab Sample ID: 460-335806-72
Date Collected: 09/26/25 14:10
Matrix: Solid
Date Received: 09/26/25 16:20
Percent Solids: 90.7

Method: SW846 8260D - Volatile Organic Compounds by GC/MS

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1-Trichloroethane	0.0013	U	0.0013	0.00029	mg/Kg	☼	09/29/25 10:26	10/05/25 18:20	1
1,1,2,2-Tetrachloroethane	0.0013	U	0.0013	0.00066	mg/Kg	☼	09/29/25 10:26	10/05/25 18:20	1
1,1,2-Trichloro-1,2,2-trifluoroethane	0.0013	U	0.0013	0.00038	mg/Kg	☼	09/29/25 10:26	10/05/25 18:20	1
1,1,2-Trichloroethane	0.0013	U	0.0013	0.00076	mg/Kg	☼	09/29/25 10:26	10/05/25 18:20	1
1,1-Dichloroethane	0.0013	U	0.0013	0.00075	mg/Kg	☼	09/29/25 10:26	10/05/25 18:20	1
1,1-Dichloroethene	0.0013	U *	0.0013	0.00028	mg/Kg	☼	09/29/25 10:26	10/05/25 18:20	1
1,2,3-Trichlorobenzene	0.0013	U	0.0013	0.00093	mg/Kg	☼	09/29/25 10:26	10/05/25 18:20	1
1,2,4-Trichlorobenzene	0.0013	U	0.0013	0.00045	mg/Kg	☼	09/29/25 10:26	10/05/25 18:20	1
1,2,4-Trimethylbenzene	0.0013	U	0.0013	0.00031	mg/Kg	☼	09/29/25 10:26	10/05/25 18:20	1
1,2-Dibromo-3-Chloropropane	0.0013	U	0.0013	0.00058	mg/Kg	☼	09/29/25 10:26	10/05/25 18:20	1
1,2-Dichlorobenzene	0.0013	U	0.0013	0.00045	mg/Kg	☼	09/29/25 10:26	10/05/25 18:20	1
1,2-Dichloroethane	0.0013	U	0.0013	0.00037	mg/Kg	☼	09/29/25 10:26	10/05/25 18:20	1
1,2-Dichloropropane	0.0013	U	0.0013	0.00053	mg/Kg	☼	09/29/25 10:26	10/05/25 18:20	1
1,3,5-Trimethylbenzene	0.0013	U	0.0013	0.00039	mg/Kg	☼	09/29/25 10:26	10/05/25 18:20	1
1,3-Dichlorobenzene	0.0013	U	0.0013	0.00046	mg/Kg	☼	09/29/25 10:26	10/05/25 18:20	1
1,4-Dichlorobenzene	0.0013	U	0.0013	0.00065	mg/Kg	☼	09/29/25 10:26	10/05/25 18:20	1
2-Butanone (MEK)	0.0063	U	0.0063	0.00046	mg/Kg	☼	09/29/25 10:26	10/05/25 18:20	1
2-Hexanone	0.0063	U	0.0063	0.0022	mg/Kg	☼	09/29/25 10:26	10/05/25 18:20	1
4-Methyl-2-pentanone (MIBK)	0.0063	U	0.0063	0.0020	mg/Kg	☼	09/29/25 10:26	10/05/25 18:20	1
Acetone	0.0075	U	0.0075	0.0072	mg/Kg	☼	09/29/25 10:26	10/05/25 18:20	1
Benzene	0.0013	U	0.0013	0.00071	mg/Kg	☼	09/29/25 10:26	10/05/25 18:20	1
Bromoform	0.0013	U	0.0013	0.00053	mg/Kg	☼	09/29/25 10:26	10/05/25 18:20	1
Bromomethane	0.0025	U	0.0025	0.0013	mg/Kg	☼	09/29/25 10:26	10/05/25 18:20	1

Client: Haley & Aldrich, Inc.
Project/Site: Former Port Mobil

Job ID: 460-335806-1

Client Sample ID: 58H3_1-2
Date Collected: 09/26/25 14:10
Date Received: 09/26/25 16:20

Lab Sample ID: 460-335806-72
Matrix: Solid
Percent Solids: 90.7

Method: SW846 8260D - Volatile Organic Compounds by GC/MS (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Carbon disulfide	0.0013	U	0.0013	0.00033	mg/Kg	☼	09/29/25 10:26	10/05/25 18:20	1
Carbon tetrachloride	0.0013	U	0.0013	0.00049	mg/Kg	☼	09/29/25 10:26	10/05/25 18:20	1
Chlorobenzene	0.0013	U	0.0013	0.00064	mg/Kg	☼	09/29/25 10:26	10/05/25 18:20	1
Chlorobromomethane	0.0013	U	0.0013	0.00075	mg/Kg	☼	09/29/25 10:26	10/05/25 18:20	1
Chlorodibromomethane	0.0013	U	0.0013	0.00067	mg/Kg	☼	09/29/25 10:26	10/05/25 18:20	1
Chloroethane	0.0013	U	0.0013	0.00066	mg/Kg	☼	09/29/25 10:26	10/05/25 18:20	1
Chloroform	0.0013	U	0.0013	0.0012	mg/Kg	☼	09/29/25 10:26	10/05/25 18:20	1
Chloromethane	0.0013	U	0.0013	0.00055	mg/Kg	☼	09/29/25 10:26	10/05/25 18:20	1
cis-1,2-Dichloroethene	0.0013	U	0.0013	0.00045	mg/Kg	☼	09/29/25 10:26	10/05/25 18:20	1
cis-1,3-Dichloropropene	0.0013	U	0.0013	0.00034	mg/Kg	☼	09/29/25 10:26	10/05/25 18:20	1
Cyclohexane	0.0013	U	0.0013	0.00028	mg/Kg	☼	09/29/25 10:26	10/05/25 18:20	1
Dichlorobromomethane	0.0013	U	0.0013	0.00032	mg/Kg	☼	09/29/25 10:26	10/05/25 18:20	1
Dichlorodifluoromethane	0.0013	U	0.0013	0.00042	mg/Kg	☼	09/29/25 10:26	10/05/25 18:20	1
Ethylbenzene	0.0013	U	0.0013	0.00059	mg/Kg	☼	09/29/25 10:26	10/05/25 18:20	1
Ethylene Dibromide	0.0013	U	0.0013	0.00063	mg/Kg	☼	09/29/25 10:26	10/05/25 18:20	1
Isopropylbenzene	0.0013	U	0.0013	0.00036	mg/Kg	☼	09/29/25 10:26	10/05/25 18:20	1
Methyl acetate	0.0063	U	0.0063	0.0054	mg/Kg	☼	09/29/25 10:26	10/05/25 18:20	1
Methyl tert-butyl ether	0.0013	U	0.0013	0.00064	mg/Kg	☼	09/29/25 10:26	10/05/25 18:20	1
Methylcyclohexane	0.0013	U	0.0013	0.00063	mg/Kg	☼	09/29/25 10:26	10/05/25 18:20	1
Methylene Chloride	**0.0048**		0.0025	0.0014	mg/Kg	☼	09/29/25 10:26	10/05/25 18:20	1
m-Xylene & p-Xylene	0.0013	U	0.0013	0.00053	mg/Kg	☼	09/29/25 10:26	10/05/25 18:20	1
n-Butylbenzene	0.0013	U	0.0013	0.00037	mg/Kg	☼	09/29/25 10:26	10/05/25 18:20	1
N-Propylbenzene	0.0013	U	0.0013	0.00056	mg/Kg	☼	09/29/25 10:26	10/05/25 18:20	1
o-Xylene	0.0013	U	0.0013	0.00058	mg/Kg	☼	09/29/25 10:26	10/05/25 18:20	1
sec-Butylbenzene	0.0013	U	0.0013	0.00036	mg/Kg	☼	09/29/25 10:26	10/05/25 18:20	1
Styrene	0.0013	U	0.0013	0.00035	mg/Kg	☼	09/29/25 10:26	10/05/25 18:20	1
tert-Butylbenzene	0.0013	U	0.0013	0.00035	mg/Kg	☼	09/29/25 10:26	10/05/25 18:20	1
Tetrachloroethene	0.0013	U	0.0013	0.00038	mg/Kg	☼	09/29/25 10:26	10/05/25 18:20	1
Toluene	0.0013	U	0.0013	0.00029	mg/Kg	☼	09/29/25 10:26	10/05/25 18:20	1
trans-1,2-Dichloroethene	0.0013	U	0.0013	0.00031	mg/Kg	☼	09/29/25 10:26	10/05/25 18:20	1
trans-1,3-Dichloropropene	0.0013	U	0.0013	0.00033	mg/Kg	☼	09/29/25 10:26	10/05/25 18:20	1
Trichloroethene	0.0013	U	0.0013	0.00040	mg/Kg	☼	09/29/25 10:26	10/05/25 18:20	1
Trichlorofluoromethane	0.0013	U	0.0013	0.00051	mg/Kg	☼	09/29/25 10:26	10/05/25 18:20	1
Vinyl chloride	0.0013	U	0.0013	0.00069	mg/Kg	☼	09/29/25 10:26	10/05/25 18:20	1
Xylenes, Total	0.0025	U	0.0025	0.00022	mg/Kg	☼	09/29/25 10:26	10/05/25 18:20	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,2-Dichloroethane-d4 (Surr)	*112*		*65 - 138*	*09/29/25 10:26*	*10/05/25 18:20*	*1*
4-Bromofluorobenzene	*98*		*71 - 128*	*09/29/25 10:26*	*10/05/25 18:20*	*1*
Dibromofluoromethane (Surr)	*117*		*50 - 150*	*09/29/25 10:26*	*10/05/25 18:20*	*1*
Toluene-d8 (Surr)	*95*		*71 - 126*	*09/29/25 10:26*	*10/05/25 18:20*	*1*

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Percent Moisture (EPA Moisture)	**9.3**		1.0	1.0	%			09/28/25 21:11	1
Percent Solids (EPA Moisture)	**90.7**		1.0	1.0	%			09/28/25 21:11	1

Client: Haley & Aldrich, Inc.
Project/Site: Former Port Mobil

Job ID: 460-335806-1

Client Sample ID: 58H1_5-6
Date Collected: 09/26/25 14:15
Date Received: 09/26/25 16:20

Lab Sample ID: 460-335806-73
Matrix: Solid
Percent Solids: 90.9

Method: SW846 8260D - Volatile Organic Compounds by GC/MS

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1-Trichloroethane	0.0011	U	0.0011	0.00024	mg/Kg	☼	09/29/25 10:26	10/05/25 18:43	1
1,1,2,2-Tetrachloroethane	0.0011	U	0.0011	0.00055	mg/Kg	☼	09/29/25 10:26	10/05/25 18:43	1
1,1,2-Trichloro-1,2,2-trifluoroethane	0.0011	U	0.0011	0.00032	mg/Kg	☼	09/29/25 10:26	10/05/25 18:43	1
1,1,2-Trichloroethane	0.0011	U	0.0011	0.00063	mg/Kg	☼	09/29/25 10:26	10/05/25 18:43	1
1,1-Dichloroethane	0.0011	U	0.0011	0.00063	mg/Kg	☼	09/29/25 10:26	10/05/25 18:43	1
1,1-Dichloroethene	0.0011	U *	0.0011	0.00024	mg/Kg	☼	09/29/25 10:26	10/05/25 18:43	1
1,2,3-Trichlorobenzene	0.0011	U	0.0011	0.00078	mg/Kg	☼	09/29/25 10:26	10/05/25 18:43	1
1,2,4-Trichlorobenzene	0.0011	U	0.0011	0.00038	mg/Kg	☼	09/29/25 10:26	10/05/25 18:43	1
1,2,4-Trimethylbenzene	0.0011	U	0.0011	0.00026	mg/Kg	☼	09/29/25 10:26	10/05/25 18:43	1
1,2-Dibromo-3-Chloropropane	0.0011	U	0.0011	0.00048	mg/Kg	☼	09/29/25 10:26	10/05/25 18:43	1
1,2-Dichlorobenzene	0.0011	U	0.0011	0.00038	mg/Kg	☼	09/29/25 10:26	10/05/25 18:43	1
1,2-Dichloroethane	0.0011	U	0.0011	0.00031	mg/Kg	☼	09/29/25 10:26	10/05/25 18:43	1
1,2-Dichloropropane	0.0011	U	0.0011	0.00044	mg/Kg	☼	09/29/25 10:26	10/05/25 18:43	1
1,3,5-Trimethylbenzene	0.0011	U	0.0011	0.00033	mg/Kg	☼	09/29/25 10:26	10/05/25 18:43	1
1,3-Dichlorobenzene	0.0011	U	0.0011	0.00038	mg/Kg	☼	09/29/25 10:26	10/05/25 18:43	1
1,4-Dichlorobenzene	0.0011	U	0.0011	0.00055	mg/Kg	☼	09/29/25 10:26	10/05/25 18:43	1
2-Butanone (MEK)	0.0053	U	0.0053	0.00039	mg/Kg	☼	09/29/25 10:26	10/05/25 18:43	1
2-Hexanone	0.0053	U	0.0053	0.0018	mg/Kg	☼	09/29/25 10:26	10/05/25 18:43	1
4-Methyl-2-pentanone (MIBK)	0.0053	U	0.0053	0.0016	mg/Kg	☼	09/29/25 10:26	10/05/25 18:43	1
Acetone	0.0063	U	0.0063	0.0060	mg/Kg	☼	09/29/25 10:26	10/05/25 18:43	1
Benzene	0.0011	U	0.0011	0.00060	mg/Kg	☼	09/29/25 10:26	10/05/25 18:43	1
Bromoform	0.0011	U	0.0011	0.00045	mg/Kg	☼	09/29/25 10:26	10/05/25 18:43	1
Bromomethane	0.0021	U	0.0021	0.0011	mg/Kg	☼	09/29/25 10:26	10/05/25 18:43	1
Carbon disulfide	0.0011	U	0.0011	0.00028	mg/Kg	☼	09/29/25 10:26	10/05/25 18:43	1
Carbon tetrachloride	0.0011	U	0.0011	0.00041	mg/Kg	☼	09/29/25 10:26	10/05/25 18:43	1
Chlorobenzene	0.0011	U	0.0011	0.00053	mg/Kg	☼	09/29/25 10:26	10/05/25 18:43	1
Chlorobromomethane	0.0011	U	0.0011	0.00063	mg/Kg	☼	09/29/25 10:26	10/05/25 18:43	1
Chlorodibromomethane	0.0011	U	0.0011	0.00056	mg/Kg	☼	09/29/25 10:26	10/05/25 18:43	1
Chloroethane	0.0011	U	0.0011	0.00055	mg/Kg	☼	09/29/25 10:26	10/05/25 18:43	1
Chloroform	0.0011	U	0.0011	0.0010	mg/Kg	☼	09/29/25 10:26	10/05/25 18:43	1
Chloromethane	0.0011	U	0.0011	0.00046	mg/Kg	☼	09/29/25 10:26	10/05/25 18:43	1
cis-1,2-Dichloroethene	0.0011	U	0.0011	0.00038	mg/Kg	☼	09/29/25 10:26	10/05/25 18:43	1
cis-1,3-Dichloropropene	0.0011	U	0.0011	0.00029	mg/Kg	☼	09/29/25 10:26	10/05/25 18:43	1
Cyclohexane	0.0011	U	0.0011	0.00023	mg/Kg	☼	09/29/25 10:26	10/05/25 18:43	1
Dichlorobromomethane	0.0011	U	0.0011	0.00027	mg/Kg	☼	09/29/25 10:26	10/05/25 18:43	1
Dichlorodifluoromethane	0.0011	U	0.0011	0.00036	mg/Kg	☼	09/29/25 10:26	10/05/25 18:43	1
Ethylbenzene	0.0011	U	0.0011	0.00049	mg/Kg	☼	09/29/25 10:26	10/05/25 18:43	1
Ethylene Dibromide	0.0011	U	0.0011	0.00053	mg/Kg	☼	09/29/25 10:26	10/05/25 18:43	1
Isopropylbenzene	0.0011	U	0.0011	0.00030	mg/Kg	☼	09/29/25 10:26	10/05/25 18:43	1
Methyl acetate	0.0053	U	0.0053	0.0045	mg/Kg	☼	09/29/25 10:26	10/05/25 18:43	1
Methyl tert-butyl ether	0.0011	U	0.0011	0.00054	mg/Kg	☼	09/29/25 10:26	10/05/25 18:43	1
Methylcyclohexane	0.0011	U	0.0011	0.00052	mg/Kg	☼	09/29/25 10:26	10/05/25 18:43	1
Methylene Chloride	**0.0034**		0.0021	0.0012	mg/Kg	☼	09/29/25 10:26	10/05/25 18:43	1
m-Xylene & p-Xylene	0.0011	U	0.0011	0.00044	mg/Kg	☼	09/29/25 10:26	10/05/25 18:43	1
n-Butylbenzene	0.0011	U	0.0011	0.00031	mg/Kg	☼	09/29/25 10:26	10/05/25 18:43	1
N-Propylbenzene	0.0011	U	0.0011	0.00047	mg/Kg	☼	09/29/25 10:26	10/05/25 18:43	1
o-Xylene	0.0011	U	0.0011	0.00048	mg/Kg	☼	09/29/25 10:26	10/05/25 18:43	1
sec-Butylbenzene	0.0011	U	0.0011	0.00030	mg/Kg	☼	09/29/25 10:26	10/05/25 18:43	1
Styrene	0.0011	U	0.0011	0.00029	mg/Kg	☼	09/29/25 10:26	10/05/25 18:43	1

Client Sample ID: 58H1_5-6

Lab Sample ID: 460-335806-73

Date Collected: 09/26/25 14:15
Matrix: Solid
Date Received: 09/26/25 16:20
Percent Solids: 90.9

Method: SW846 8260D - Volatile Organic Compounds by GC/MS (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
tert-Butylbenzene	0.0011	U	0.0011	0.00029	mg/Kg	☼	09/29/25 10:26	10/05/25 18:43	1
Tetrachloroethene	0.0011	U	0.0011	0.00032	mg/Kg	☼	09/29/25 10:26	10/05/25 18:43	1
Toluene	0.0011	U	0.0011	0.00025	mg/Kg	☼	09/29/25 10:26	10/05/25 18:43	1
trans-1,2-Dichloroethene	0.0011	U	0.0011	0.00026	mg/Kg	☼	09/29/25 10:26	10/05/25 18:43	1
trans-1,3-Dichloropropene	0.0011	U	0.0011	0.00028	mg/Kg	☼	09/29/25 10:26	10/05/25 18:43	1
Trichloroethene	0.0011	U	0.0011	0.00034	mg/Kg	☼	09/29/25 10:26	10/05/25 18:43	1
Trichlorofluoromethane	0.0011	U	0.0011	0.00043	mg/Kg	☼	09/29/25 10:26	10/05/25 18:43	1
Vinyl chloride	0.0011	U	0.0011	0.00057	mg/Kg	☼	09/29/25 10:26	10/05/25 18:43	1
Xylenes, Total	0.0021	U	0.0021	0.00018	mg/Kg	☼	09/29/25 10:26	10/05/25 18:43	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,2-Dichloroethane-d4 (Surr)	*112*		*65 - 138*	*09/29/25 10:26*	*10/05/25 18:43*	*1*
4-Bromofluorobenzene	*100*		*71 - 128*	*09/29/25 10:26*	*10/05/25 18:43*	*1*
Dibromofluoromethane (Surr)	*118*		*50 - 150*	*09/29/25 10:26*	*10/05/25 18:43*	*1*
Toluene-d8 (Surr)	*94*		*71 - 126*	*09/29/25 10:26*	*10/05/25 18:43*	*1*

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Percent Moisture (EPA Moisture)	**9.1**		1.0	1.0	%			09/28/25 21:11	1
Percent Solids (EPA Moisture)	**90.9**		1.0	1.0	%			09/28/25 21:11	1

Client Sample ID: 58H2_6-7

Lab Sample ID: 460-335806-74

Date Collected: 09/26/25 14:20
Matrix: Solid
Date Received: 09/26/25 16:20
Percent Solids: 88.6

Method: SW846 8260D - Volatile Organic Compounds by GC/MS

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1-Trichloroethane	0.00083	U	0.00083	0.00019	mg/Kg	☼	09/29/25 10:26	10/05/25 19:06	1
1,1,2,2-Tetrachloroethane	0.00083	U	0.00083	0.00044	mg/Kg	☼	09/29/25 10:26	10/05/25 19:06	1
1,1,2-Trichloro-1,2,2-trifluoroethane	0.00083	U	0.00083	0.00025	mg/Kg	☼	09/29/25 10:26	10/05/25 19:06	1
1,1,2-Trichloroethane	0.00083	U	0.00083	0.00050	mg/Kg	☼	09/29/25 10:26	10/05/25 19:06	1
1,1-Dichloroethane	0.00083	U	0.00083	0.00050	mg/Kg	☼	09/29/25 10:26	10/05/25 19:06	1
1,1-Dichloroethene	0.00083	U *	0.00083	0.00019	mg/Kg	☼	09/29/25 10:26	10/05/25 19:06	1
1,2,3-Trichlorobenzene	0.00083	U	0.00083	0.00062	mg/Kg	☼	09/29/25 10:26	10/05/25 19:06	1
1,2,4-Trichlorobenzene	0.00083	U	0.00083	0.00030	mg/Kg	☼	09/29/25 10:26	10/05/25 19:06	1
1,2,4-Trimethylbenzene	0.00083	U	0.00083	0.00021	mg/Kg	☼	09/29/25 10:26	10/05/25 19:06	1
1,2-Dibromo-3-Chloropropane	0.00083	U	0.00083	0.00038	mg/Kg	☼	09/29/25 10:26	10/05/25 19:06	1
1,2-Dichlorobenzene	0.00083	U	0.00083	0.00030	mg/Kg	☼	09/29/25 10:26	10/05/25 19:06	1
1,2-Dichloroethane	0.00083	U	0.00083	0.00025	mg/Kg	☼	09/29/25 10:26	10/05/25 19:06	1
1,2-Dichloropropane	0.00083	U	0.00083	0.00035	mg/Kg	☼	09/29/25 10:26	10/05/25 19:06	1
1,3,5-Trimethylbenzene	0.00083	U	0.00083	0.00026	mg/Kg	☼	09/29/25 10:26	10/05/25 19:06	1
1,3-Dichlorobenzene	0.00083	U	0.00083	0.00030	mg/Kg	☼	09/29/25 10:26	10/05/25 19:06	1
1,4-Dichlorobenzene	0.00083	U	0.00083	0.00043	mg/Kg	☼	09/29/25 10:26	10/05/25 19:06	1
2-Butanone (MEK)	0.0042	U	0.0042	0.00031	mg/Kg	☼	09/29/25 10:26	10/05/25 19:06	1
2-Hexanone	0.0042	U	0.0042	0.0014	mg/Kg	☼	09/29/25 10:26	10/05/25 19:06	1
4-Methyl-2-pentanone (MIBK)	0.0042	U	0.0042	0.0013	mg/Kg	☼	09/29/25 10:26	10/05/25 19:06	1
Acetone	0.0050	U	0.0050	0.0048	mg/Kg	☼	09/29/25 10:26	10/05/25 19:06	1
Benzene	0.00083	U	0.00083	0.00047	mg/Kg	☼	09/29/25 10:26	10/05/25 19:06	1
Bromoform	0.00083	U	0.00083	0.00035	mg/Kg	☼	09/29/25 10:26	10/05/25 19:06	1
Bromomethane	0.0017	U	0.0017	0.00083	mg/Kg	☼	09/29/25 10:26	10/05/25 19:06	1

Client: Haley & Aldrich, Inc.
Project/Site: Former Port Mobil

Job ID: 460-335806-1

Client Sample ID: 58H2_6-7
Date Collected: 09/26/25 14:20
Date Received: 09/26/25 16:20

Lab Sample ID: 460-335806-74
Matrix: Solid
Percent Solids: 88.6

Method: SW846 8260D - Volatile Organic Compounds by GC/MS (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Carbon disulfide	0.00083	U	0.00083	0.00022	mg/Kg	☼	09/29/25 10:26	10/05/25 19:06	1
Carbon tetrachloride	0.00083	U	0.00083	0.00032	mg/Kg	☼	09/29/25 10:26	10/05/25 19:06	1
Chlorobenzene	0.00083	U	0.00083	0.00042	mg/Kg	☼	09/29/25 10:26	10/05/25 19:06	1
Chlorobromomethane	0.00083	U	0.00083	0.00050	mg/Kg	☼	09/29/25 10:26	10/05/25 19:06	1
Chlorodibromomethane	0.00083	U	0.00083	0.00045	mg/Kg	☼	09/29/25 10:26	10/05/25 19:06	1
Chloroethane	0.00083	U	0.00083	0.00044	mg/Kg	☼	09/29/25 10:26	10/05/25 19:06	1
Chloroform	0.00083	U	0.00083	0.00081	mg/Kg	☼	09/29/25 10:26	10/05/25 19:06	1
Chloromethane	0.00083	U	0.00083	0.00036	mg/Kg	☼	09/29/25 10:26	10/05/25 19:06	1
cis-1,2-Dichloroethene	0.00083	U	0.00083	0.00030	mg/Kg	☼	09/29/25 10:26	10/05/25 19:06	1
cis-1,3-Dichloropropene	0.00083	U	0.00083	0.00023	mg/Kg	☼	09/29/25 10:26	10/05/25 19:06	1
Cyclohexane	0.00083	U	0.00083	0.00018	mg/Kg	☼	09/29/25 10:26	10/05/25 19:06	1
Dichlorobromomethane	0.00083	U	0.00083	0.00021	mg/Kg	☼	09/29/25 10:26	10/05/25 19:06	1
Dichlorodifluoromethane	0.00083	U	0.00083	0.00028	mg/Kg	☼	09/29/25 10:26	10/05/25 19:06	1
Ethylbenzene	0.00083	U	0.00083	0.00039	mg/Kg	☼	09/29/25 10:26	10/05/25 19:06	1
Ethylene Dibromide	0.00083	U	0.00083	0.00042	mg/Kg	☼	09/29/25 10:26	10/05/25 19:06	1
Isopropylbenzene	0.00083	U	0.00083	0.00024	mg/Kg	☼	09/29/25 10:26	10/05/25 19:06	1
Methyl acetate	0.0042	U	0.0042	0.0036	mg/Kg	☼	09/29/25 10:26	10/05/25 19:06	1
Methyl tert-butyl ether	0.00083	U	0.00083	0.00043	mg/Kg	☼	09/29/25 10:26	10/05/25 19:06	1
Methylcyclohexane	0.00083	U	0.00083	0.00042	mg/Kg	☼	09/29/25 10:26	10/05/25 19:06	1
Methylene Chloride	0.0017	U	0.0017	0.00095	mg/Kg	☼	09/29/25 10:26	10/05/25 19:06	1
m-Xylene & p-Xylene	0.00083	U	0.00083	0.00035	mg/Kg	☼	09/29/25 10:26	10/05/25 19:06	1
n-Butylbenzene	0.00083	U	0.00083	0.00025	mg/Kg	☼	09/29/25 10:26	10/05/25 19:06	1
N-Propylbenzene	0.00083	U	0.00083	0.00037	mg/Kg	☼	09/29/25 10:26	10/05/25 19:06	1
o-Xylene	0.00083	U	0.00083	0.00038	mg/Kg	☼	09/29/25 10:26	10/05/25 19:06	1
sec-Butylbenzene	0.00083	U	0.00083	0.00024	mg/Kg	☼	09/29/25 10:26	10/05/25 19:06	1
Styrene	0.00083	U	0.00083	0.00023	mg/Kg	☼	09/29/25 10:26	10/05/25 19:06	1
tert-Butylbenzene	0.00083	U	0.00083	0.00023	mg/Kg	☼	09/29/25 10:26	10/05/25 19:06	1
Tetrachloroethene	0.00083	U	0.00083	0.00025	mg/Kg	☼	09/29/25 10:26	10/05/25 19:06	1
Toluene	0.00083	U	0.00083	0.00020	mg/Kg	☼	09/29/25 10:26	10/05/25 19:06	1
trans-1,2-Dichloroethene	0.00083	U	0.00083	0.00021	mg/Kg	☼	09/29/25 10:26	10/05/25 19:06	1
trans-1,3-Dichloropropene	0.00083	U	0.00083	0.00022	mg/Kg	☼	09/29/25 10:26	10/05/25 19:06	1
Trichloroethene	0.00083	U	0.00083	0.00027	mg/Kg	☼	09/29/25 10:26	10/05/25 19:06	1
Trichlorofluoromethane	0.00083	U	0.00083	0.00034	mg/Kg	☼	09/29/25 10:26	10/05/25 19:06	1
Vinyl chloride	0.00083	U	0.00083	0.00046	mg/Kg	☼	09/29/25 10:26	10/05/25 19:06	1
Xylenes, Total	0.0017	U	0.0017	0.00015	mg/Kg	☼	09/29/25 10:26	10/05/25 19:06	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,2-Dichloroethane-d4 (Surr)	*109*		*65 - 138*	*09/29/25 10:26*	*10/05/25 19:06*	*1*
4-Bromofluorobenzene	*98*		*71 - 128*	*09/29/25 10:26*	*10/05/25 19:06*	*1*
Dibromofluoromethane (Surr)	*112*		*50 - 150*	*09/29/25 10:26*	*10/05/25 19:06*	*1*
Toluene-d8 (Surr)	*95*		*71 - 126*	*09/29/25 10:26*	*10/05/25 19:06*	*1*

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Percent Moisture (EPA Moisture)	**11.4**		1.0	1.0	%			09/28/25 21:11	1
Percent Solids (EPA Moisture)	**88.6**		1.0	1.0	%			09/28/25 21:11	1

Client: Haley & Aldrich, Inc.
Project/Site: Former Port Mobil

Job ID: 460-335806-1

Client Sample ID: 58H3_7-8
Date Collected: 09/26/25 14:25
Date Received: 09/26/25 16:20

Lab Sample ID: 460-335806-75
Matrix: Solid
Percent Solids: 94.0

Method: SW846 8260D - Volatile Organic Compounds by GC/MS

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1-Trichloroethane	0.0011	U	0.0011	0.00026	mg/Kg	☼	09/29/25 10:27	10/05/25 19:29	1
1,1,2,2-Tetrachloroethane	0.0011	U	0.0011	0.00059	mg/Kg	☼	09/29/25 10:27	10/05/25 19:29	1
1,1,2-Trichloro-1,2,2-trifluoroethane	0.0011	U	0.0011	0.00034	mg/Kg	☼	09/29/25 10:27	10/05/25 19:29	1
1,1,2-Trichloroethane	0.0011	U	0.0011	0.00068	mg/Kg	☼	09/29/25 10:27	10/05/25 19:29	1
1,1-Dichloroethane	0.0011	U	0.0011	0.00067	mg/Kg	☼	09/29/25 10:27	10/05/25 19:29	1
1,1-Dichloroethene	0.0011	U *	0.0011	0.00025	mg/Kg	☼	09/29/25 10:27	10/05/25 19:29	1
1,2,3-Trichlorobenzene	0.0011	U	0.0011	0.00083	mg/Kg	☼	09/29/25 10:27	10/05/25 19:29	1
1,2,4-Trichlorobenzene	0.0011	U	0.0011	0.00040	mg/Kg	☼	09/29/25 10:27	10/05/25 19:29	1
1,2,4-Trimethylbenzene	0.0011	U	0.0011	0.00028	mg/Kg	☼	09/29/25 10:27	10/05/25 19:29	1
1,2-Dibromo-3-Chloropropane	0.0011	U	0.0011	0.00052	mg/Kg	☼	09/29/25 10:27	10/05/25 19:29	1
1,2-Dichlorobenzene	0.0011	U	0.0011	0.00041	mg/Kg	☼	09/29/25 10:27	10/05/25 19:29	1
1,2-Dichloroethane	0.0011	U	0.0011	0.00033	mg/Kg	☼	09/29/25 10:27	10/05/25 19:29	1
1,2-Dichloropropane	0.0011	U	0.0011	0.00048	mg/Kg	☼	09/29/25 10:27	10/05/25 19:29	1
1,3,5-Trimethylbenzene	0.0011	U	0.0011	0.00035	mg/Kg	☼	09/29/25 10:27	10/05/25 19:29	1
1,3-Dichlorobenzene	0.0011	U	0.0011	0.00041	mg/Kg	☼	09/29/25 10:27	10/05/25 19:29	1
1,4-Dichlorobenzene	0.0011	U	0.0011	0.00058	mg/Kg	☼	09/29/25 10:27	10/05/25 19:29	1
2-Butanone (MEK)	0.0056	U	0.0056	0.00041	mg/Kg	☼	09/29/25 10:27	10/05/25 19:29	1
2-Hexanone	0.0056	U	0.0056	0.0019	mg/Kg	☼	09/29/25 10:27	10/05/25 19:29	1
4-Methyl-2-pentanone (MIBK)	0.0056	U	0.0056	0.0017	mg/Kg	☼	09/29/25 10:27	10/05/25 19:29	1
Acetone	0.0067	U	0.0067	0.0064	mg/Kg	☼	09/29/25 10:27	10/05/25 19:29	1
Benzene	0.0011	U	0.0011	0.00064	mg/Kg	☼	09/29/25 10:27	10/05/25 19:29	1
Bromoform	0.0011	U	0.0011	0.00048	mg/Kg	☼	09/29/25 10:27	10/05/25 19:29	1
Bromomethane	0.0022	U	0.0022	0.0011	mg/Kg	☼	09/29/25 10:27	10/05/25 19:29	1
Carbon disulfide	0.0011	U	0.0011	0.00030	mg/Kg	☼	09/29/25 10:27	10/05/25 19:29	1
Carbon tetrachloride	0.0011	U	0.0011	0.00043	mg/Kg	☼	09/29/25 10:27	10/05/25 19:29	1
Chlorobenzene	0.0011	U	0.0011	0.00057	mg/Kg	☼	09/29/25 10:27	10/05/25 19:29	1
Chlorobromomethane	0.0011	U	0.0011	0.00067	mg/Kg	☼	09/29/25 10:27	10/05/25 19:29	1
Chlorodibromomethane	0.0011	U	0.0011	0.00060	mg/Kg	☼	09/29/25 10:27	10/05/25 19:29	1
Chloroethane	0.0011	U	0.0011	0.00059	mg/Kg	☼	09/29/25 10:27	10/05/25 19:29	1
Chloroform	0.0011	U	0.0011	0.0011	mg/Kg	☼	09/29/25 10:27	10/05/25 19:29	1
Chloromethane	0.0011	U	0.0011	0.00049	mg/Kg	☼	09/29/25 10:27	10/05/25 19:29	1
cis-1,2-Dichloroethene	0.0011	U	0.0011	0.00040	mg/Kg	☼	09/29/25 10:27	10/05/25 19:29	1
cis-1,3-Dichloropropene	0.0011	U	0.0011	0.00031	mg/Kg	☼	09/29/25 10:27	10/05/25 19:29	1
Cyclohexane	0.0011	U	0.0011	0.00025	mg/Kg	☼	09/29/25 10:27	10/05/25 19:29	1
Dichlorobromomethane	0.0011	U	0.0011	0.00029	mg/Kg	☼	09/29/25 10:27	10/05/25 19:29	1
Dichlorodifluoromethane	0.0011	U	0.0011	0.00038	mg/Kg	☼	09/29/25 10:27	10/05/25 19:29	1
Ethylbenzene	0.0011	U	0.0011	0.00053	mg/Kg	☼	09/29/25 10:27	10/05/25 19:29	1
Ethylene Dibromide	0.0011	U	0.0011	0.00057	mg/Kg	☼	09/29/25 10:27	10/05/25 19:29	1
Isopropylbenzene	0.0011	U	0.0011	0.00032	mg/Kg	☼	09/29/25 10:27	10/05/25 19:29	1
Methyl acetate	0.0056	U	0.0056	0.0048	mg/Kg	☼	09/29/25 10:27	10/05/25 19:29	1
Methyl tert-butyl ether	0.0011	U	0.0011	0.00058	mg/Kg	☼	09/29/25 10:27	10/05/25 19:29	1
Methylcyclohexane	0.0011	U	0.0011	0.00056	mg/Kg	☼	09/29/25 10:27	10/05/25 19:29	1
Methylene Chloride	**0.0037**		0.0022	0.0013	mg/Kg	☼	09/29/25 10:27	10/05/25 19:29	1
m-Xylene & p-Xylene	0.0011	U	0.0011	0.00048	mg/Kg	☼	09/29/25 10:27	10/05/25 19:29	1
n-Butylbenzene	0.0011	U	0.0011	0.00033	mg/Kg	☼	09/29/25 10:27	10/05/25 19:29	1
N-Propylbenzene	0.0011	U	0.0011	0.00050	mg/Kg	☼	09/29/25 10:27	10/05/25 19:29	1
o-Xylene	0.0011	U	0.0011	0.00052	mg/Kg	☼	09/29/25 10:27	10/05/25 19:29	1
sec-Butylbenzene	0.0011	U	0.0011	0.00032	mg/Kg	☼	09/29/25 10:27	10/05/25 19:29	1
Styrene	0.0011	U	0.0011	0.00031	mg/Kg	☼	09/29/25 10:27	10/05/25 19:29	1

Client Sample ID: 58H3_7-8

Lab Sample ID: 460-335806-75

Date Collected: 09/26/25 14:25
Matrix: Solid
Date Received: 09/26/25 16:20
Percent Solids: 94.0

Method: SW846 8260D - Volatile Organic Compounds by GC/MS (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
tert-Butylbenzene	0.0011	U	0.0011	0.00031	mg/Kg	☼	09/29/25 10:27	10/05/25 19:29	1
Tetrachloroethene	0.0011	U	0.0011	0.00034	mg/Kg	☼	09/29/25 10:27	10/05/25 19:29	1
Toluene	0.0011	U	0.0011	0.00026	mg/Kg	☼	09/29/25 10:27	10/05/25 19:29	1
trans-1,2-Dichloroethene	0.0011	U	0.0011	0.00028	mg/Kg	☼	09/29/25 10:27	10/05/25 19:29	1
trans-1,3-Dichloropropene	0.0011	U	0.0011	0.00030	mg/Kg	☼	09/29/25 10:27	10/05/25 19:29	1
Trichloroethene	0.0011	U	0.0011	0.00036	mg/Kg	☼	09/29/25 10:27	10/05/25 19:29	1
Trichlorofluoromethane	0.0011	U	0.0011	0.00046	mg/Kg	☼	09/29/25 10:27	10/05/25 19:29	1
Vinyl chloride	0.0011	U	0.0011	0.00061	mg/Kg	☼	09/29/25 10:27	10/05/25 19:29	1
Xylenes, Total	0.0022	U	0.0022	0.00020	mg/Kg	☼	09/29/25 10:27	10/05/25 19:29	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,2-Dichloroethane-d4 (Surr)	*112*		*65 - 138*	*09/29/25 10:27*	*10/05/25 19:29*	*1*
4-Bromofluorobenzene	*103*		*71 - 128*	*09/29/25 10:27*	*10/05/25 19:29*	*1*
Dibromofluoromethane (Surr)	*115*		*50 - 150*	*09/29/25 10:27*	*10/05/25 19:29*	*1*
Toluene-d8 (Surr)	*96*		*71 - 126*	*09/29/25 10:27*	*10/05/25 19:29*	*1*

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Percent Moisture (EPA Moisture)	**6.0**		1.0	1.0	%			09/28/25 21:11	1
Percent Solids (EPA Moisture)	**94.0**		1.0	1.0	%			09/28/25 21:11	1

Client Sample ID: 58H1_9-10

Lab Sample ID: 460-335806-76

Date Collected: 09/26/25 14:30
Matrix: Solid
Date Received: 09/26/25 16:20
Percent Solids: 88.0

Method: SW846 8260D - Volatile Organic Compounds by GC/MS

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1-Trichloroethane	0.00093	U	0.00093	0.00022	mg/Kg	☼	09/29/25 10:27	10/05/25 19:52	1
1,1,2,2-Tetrachloroethane	0.00093	U	0.00093	0.00048	mg/Kg	☼	09/29/25 10:27	10/05/25 19:52	1
1,1,2-Trichloro-1,2,2-trifluoroethane	0.00093	U	0.00093	0.00028	mg/Kg	☼	09/29/25 10:27	10/05/25 19:52	1
1,1,2-Trichloroethane	0.00093	U	0.00093	0.00056	mg/Kg	☼	09/29/25 10:27	10/05/25 19:52	1
1,1-Dichloroethane	0.00093	U	0.00093	0.00055	mg/Kg	☼	09/29/25 10:27	10/05/25 19:52	1
1,1-Dichloroethene	0.00093	U *	0.00093	0.00021	mg/Kg	☼	09/29/25 10:27	10/05/25 19:52	1
1,2,3-Trichlorobenzene	0.00093	U	0.00093	0.00068	mg/Kg	☼	09/29/25 10:27	10/05/25 19:52	1
1,2,4-Trichlorobenzene	0.00093	U	0.00093	0.00033	mg/Kg	☼	09/29/25 10:27	10/05/25 19:52	1
1,2,4-Trimethylbenzene	0.00093	U	0.00093	0.00023	mg/Kg	☼	09/29/25 10:27	10/05/25 19:52	1
1,2-Dibromo-3-Chloropropane	0.00093	U	0.00093	0.00043	mg/Kg	☼	09/29/25 10:27	10/05/25 19:52	1
1,2-Dichlorobenzene	0.00093	U	0.00093	0.00033	mg/Kg	☼	09/29/25 10:27	10/05/25 19:52	1
1,2-Dichloroethane	0.00093	U	0.00093	0.00027	mg/Kg	☼	09/29/25 10:27	10/05/25 19:52	1
1,2-Dichloropropane	0.00093	U	0.00093	0.00039	mg/Kg	☼	09/29/25 10:27	10/05/25 19:52	1
1,3,5-Trimethylbenzene	0.00093	U	0.00093	0.00029	mg/Kg	☼	09/29/25 10:27	10/05/25 19:52	1
1,3-Dichlorobenzene	0.00093	U	0.00093	0.00034	mg/Kg	☼	09/29/25 10:27	10/05/25 19:52	1
1,4-Dichlorobenzene	0.00093	U	0.00093	0.00048	mg/Kg	☼	09/29/25 10:27	10/05/25 19:52	1
2-Butanone (MEK)	0.0046	U	0.0046	0.00034	mg/Kg	☼	09/29/25 10:27	10/05/25 19:52	1
2-Hexanone	0.0046	U	0.0046	0.0016	mg/Kg	☼	09/29/25 10:27	10/05/25 19:52	1
4-Methyl-2-pentanone (MIBK)	0.0046	U	0.0046	0.0014	mg/Kg	☼	09/29/25 10:27	10/05/25 19:52	1
Acetone	0.0056	U	0.0056	0.0053	mg/Kg	☼	09/29/25 10:27	10/05/25 19:52	1
Benzene	0.00093	U	0.00093	0.00053	mg/Kg	☼	09/29/25 10:27	10/05/25 19:52	1
Bromoform	0.00093	U	0.00093	0.00039	mg/Kg	☼	09/29/25 10:27	10/05/25 19:52	1
Bromomethane	0.0019	U	0.0019	0.00093	mg/Kg	☼	09/29/25 10:27	10/05/25 19:52	1

Client Sample ID: 58H1_9-10
Date Collected: 09/26/25 14:30
Date Received: 09/26/25 16:20

Lab Sample ID: 460-335806-76
Matrix: Solid
Percent Solids: 88.0

Method: SW846 8260D - Volatile Organic Compounds by GC/MS (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Carbon disulfide	0.00093	U	0.00093	0.00025	mg/Kg	☼	09/29/25 10:27	10/05/25 19:52	1
Carbon tetrachloride	0.00093	U	0.00093	0.00036	mg/Kg	☼	09/29/25 10:27	10/05/25 19:52	1
Chlorobenzene	0.00093	U	0.00093	0.00047	mg/Kg	☼	09/29/25 10:27	10/05/25 19:52	1
Chlorobromomethane	0.00093	U	0.00093	0.00055	mg/Kg	☼	09/29/25 10:27	10/05/25 19:52	1
Chlorodibromomethane	0.00093	U	0.00093	0.00050	mg/Kg	☼	09/29/25 10:27	10/05/25 19:52	1
Chloroethane	0.00093	U	0.00093	0.00048	mg/Kg	☼	09/29/25 10:27	10/05/25 19:52	1
Chloroform	0.00093	U	0.00093	0.00090	mg/Kg	☼	09/29/25 10:27	10/05/25 19:52	1
Chloromethane	0.00093	U	0.00093	0.00040	mg/Kg	☼	09/29/25 10:27	10/05/25 19:52	1
cis-1,2-Dichloroethene	0.00093	U	0.00093	0.00033	mg/Kg	☼	09/29/25 10:27	10/05/25 19:52	1
cis-1,3-Dichloropropene	0.00093	U	0.00093	0.00025	mg/Kg	☼	09/29/25 10:27	10/05/25 19:52	1
Cyclohexane	0.00093	U	0.00093	0.00020	mg/Kg	☼	09/29/25 10:27	10/05/25 19:52	1
Dichlorobromomethane	0.00093	U	0.00093	0.00024	mg/Kg	☼	09/29/25 10:27	10/05/25 19:52	1
Dichlorodifluoromethane	0.00093	U	0.00093	0.00031	mg/Kg	☼	09/29/25 10:27	10/05/25 19:52	1
Ethylbenzene	0.00093	U	0.00093	0.00043	mg/Kg	☼	09/29/25 10:27	10/05/25 19:52	1
Ethylene Dibromide	0.00093	U	0.00093	0.00047	mg/Kg	☼	09/29/25 10:27	10/05/25 19:52	1
Isopropylbenzene	0.00093	U	0.00093	0.00026	mg/Kg	☼	09/29/25 10:27	10/05/25 19:52	1
Methyl acetate	0.0046	U	0.0046	0.0040	mg/Kg	☼	09/29/25 10:27	10/05/25 19:52	1
Methyl tert-butyl ether	0.00093	U	0.00093	0.00047	mg/Kg	☼	09/29/25 10:27	10/05/25 19:52	1
Methylcyclohexane	0.00093	U	0.00093	0.00046	mg/Kg	☼	09/29/25 10:27	10/05/25 19:52	1
Methylene Chloride	**0.0020**		0.0019	0.0011	mg/Kg	☼	09/29/25 10:27	10/05/25 19:52	1
m-Xylene & p-Xylene	0.00093	U	0.00093	0.00039	mg/Kg	☼	09/29/25 10:27	10/05/25 19:52	1
n-Butylbenzene	0.00093	U	0.00093	0.00027	mg/Kg	☼	09/29/25 10:27	10/05/25 19:52	1
N-Propylbenzene	0.00093	U	0.00093	0.00042	mg/Kg	☼	09/29/25 10:27	10/05/25 19:52	1
o-Xylene	0.00093	U	0.00093	0.00043	mg/Kg	☼	09/29/25 10:27	10/05/25 19:52	1
sec-Butylbenzene	0.00093	U	0.00093	0.00027	mg/Kg	☼	09/29/25 10:27	10/05/25 19:52	1
Styrene	0.00093	U	0.00093	0.00026	mg/Kg	☼	09/29/25 10:27	10/05/25 19:52	1
tert-Butylbenzene	0.00093	U	0.00093	0.00026	mg/Kg	☼	09/29/25 10:27	10/05/25 19:52	1
Tetrachloroethene	0.00093	U	0.00093	0.00028	mg/Kg	☼	09/29/25 10:27	10/05/25 19:52	1
Toluene	0.00093	U	0.00093	0.00022	mg/Kg	☼	09/29/25 10:27	10/05/25 19:52	1
trans-1,2-Dichloroethene	0.00093	U	0.00093	0.00023	mg/Kg	☼	09/29/25 10:27	10/05/25 19:52	1
trans-1,3-Dichloropropene	0.00093	U	0.00093	0.00025	mg/Kg	☼	09/29/25 10:27	10/05/25 19:52	1
Trichloroethene	0.00093	U	0.00093	0.00030	mg/Kg	☼	09/29/25 10:27	10/05/25 19:52	1
Trichlorofluoromethane	0.00093	U	0.00093	0.00038	mg/Kg	☼	09/29/25 10:27	10/05/25 19:52	1
Vinyl chloride	0.00093	U	0.00093	0.00051	mg/Kg	☼	09/29/25 10:27	10/05/25 19:52	1
Xylenes, Total	0.0019	U	0.0019	0.00016	mg/Kg	☼	09/29/25 10:27	10/05/25 19:52	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,2-Dichloroethane-d4 (Surr)	*110*		*65 - 138*	*09/29/25 10:27*	*10/05/25 19:52*	*1*
4-Bromofluorobenzene	*99*		*71 - 128*	*09/29/25 10:27*	*10/05/25 19:52*	*1*
Dibromofluoromethane (Surr)	*116*		*50 - 150*	*09/29/25 10:27*	*10/05/25 19:52*	*1*
Toluene-d8 (Surr)	*95*		*71 - 126*	*09/29/25 10:27*	*10/05/25 19:52*	*1*

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Percent Moisture (EPA Moisture)	**12.0**		1.0	1.0	%			09/28/25 21:11	1
Percent Solids (EPA Moisture)	**88.0**		1.0	1.0	%			09/28/25 21:11	1

Client: Haley & Aldrich, Inc.
Project/Site: Former Port Mobil

Job ID: 460-335806-1

Client Sample ID: 58I2_0-1
Date Collected: 09/26/25 14:35
Date Received: 09/26/25 16:20

Lab Sample ID: 460-335806-77
Matrix: Solid
Percent Solids: 88.2

Method: SW846 8260D - Volatile Organic Compounds by GC/MS

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1-Trichloroethane	0.00098	U	0.00098	0.00023	mg/Kg	☼	09/29/25 10:27	10/03/25 20:07	1
1,1,2,2-Tetrachloroethane	0.00098	U	0.00098	0.00051	mg/Kg	☼	09/29/25 10:27	10/03/25 20:07	1
1,1,2-Trichloro-1,2,2-trifluoroethane	0.00098	U	0.00098	0.00029	mg/Kg	☼	09/29/25 10:27	10/03/25 20:07	1
1,1,2-Trichloroethane	0.00098	U	0.00098	0.00059	mg/Kg	☼	09/29/25 10:27	10/03/25 20:07	1
1,1-Dichloroethane	0.00098	U	0.00098	0.00058	mg/Kg	☼	09/29/25 10:27	10/03/25 20:07	1
1,1-Dichloroethene	0.00098	U	0.00098	0.00022	mg/Kg	☼	09/29/25 10:27	10/03/25 20:07	1
1,2,3-Trichlorobenzene	0.00098	U	0.00098	0.00072	mg/Kg	☼	09/29/25 10:27	10/03/25 20:07	1
1,2,4-Trichlorobenzene	0.00098	U	0.00098	0.00035	mg/Kg	☼	09/29/25 10:27	10/03/25 20:07	1
1,2,4-Trimethylbenzene	0.00098	U	0.00098	0.00024	mg/Kg	☼	09/29/25 10:27	10/03/25 20:07	1
1,2-Dibromo-3-Chloropropane	0.00098	U	0.00098	0.00045	mg/Kg	☼	09/29/25 10:27	10/03/25 20:07	1
1,2-Dichlorobenzene	0.00098	U	0.00098	0.00035	mg/Kg	☼	09/29/25 10:27	10/03/25 20:07	1
1,2-Dichloroethane	0.00098	U	0.00098	0.00029	mg/Kg	☼	09/29/25 10:27	10/03/25 20:07	1
1,2-Dichloropropane	0.00098	U	0.00098	0.00041	mg/Kg	☼	09/29/25 10:27	10/03/25 20:07	1
1,3,5-Trimethylbenzene	0.00098	U	0.00098	0.00031	mg/Kg	☼	09/29/25 10:27	10/03/25 20:07	1
1,3-Dichlorobenzene	0.00098	U	0.00098	0.00036	mg/Kg	☼	09/29/25 10:27	10/03/25 20:07	1
1,4-Dichlorobenzene	0.00098	U	0.00098	0.00051	mg/Kg	☼	09/29/25 10:27	10/03/25 20:07	1
2-Butanone (MEK)	0.0049	U	0.0049	0.00036	mg/Kg	☼	09/29/25 10:27	10/03/25 20:07	1
2-Hexanone	0.0049	U	0.0049	0.0017	mg/Kg	☼	09/29/25 10:27	10/03/25 20:07	1
4-Methyl-2-pentanone (MIBK)	0.0049	U	0.0049	0.0015	mg/Kg	☼	09/29/25 10:27	10/03/25 20:07	1
Acetone	0.0059	U	0.0059	0.0056	mg/Kg	☼	09/29/25 10:27	10/03/25 20:07	1
Benzene	0.00098	U	0.00098	0.00055	mg/Kg	☼	09/29/25 10:27	10/03/25 20:07	1
Bromoform	0.00098	U	0.00098	0.00041	mg/Kg	☼	09/29/25 10:27	10/03/25 20:07	1
Bromomethane	0.0020	U	0.0020	0.00098	mg/Kg	☼	09/29/25 10:27	10/03/25 20:07	1
Carbon disulfide	0.00098	U	0.00098	0.00026	mg/Kg	☼	09/29/25 10:27	10/03/25 20:07	1
Carbon tetrachloride	0.00098	U	0.00098	0.00038	mg/Kg	☼	09/29/25 10:27	10/03/25 20:07	1
Chlorobenzene	0.00098	U	0.00098	0.00049	mg/Kg	☼	09/29/25 10:27	10/03/25 20:07	1
Chlorobromomethane	0.00098	U	0.00098	0.00058	mg/Kg	☼	09/29/25 10:27	10/03/25 20:07	1
Chlorodibromomethane	0.00098	U	0.00098	0.00052	mg/Kg	☼	09/29/25 10:27	10/03/25 20:07	1
Chloroethane	0.00098	U	0.00098	0.00051	mg/Kg	☼	09/29/25 10:27	10/03/25 20:07	1
Chloroform	0.00098	U	0.00098	0.00095	mg/Kg	☼	09/29/25 10:27	10/03/25 20:07	1
Chloromethane	0.00098	U	0.00098	0.00042	mg/Kg	☼	09/29/25 10:27	10/03/25 20:07	1
cis-1,2-Dichloroethene	0.00098	U	0.00098	0.00035	mg/Kg	☼	09/29/25 10:27	10/03/25 20:07	1
cis-1,3-Dichloropropene	0.00098	U	0.00098	0.00027	mg/Kg	☼	09/29/25 10:27	10/03/25 20:07	1
Cyclohexane	0.00098	U	0.00098	0.00022	mg/Kg	☼	09/29/25 10:27	10/03/25 20:07	1
Dichlorobromomethane	0.00098	U	0.00098	0.00025	mg/Kg	☼	09/29/25 10:27	10/03/25 20:07	1
Dichlorodifluoromethane	0.00098	U	0.00098	0.00033	mg/Kg	☼	09/29/25 10:27	10/03/25 20:07	1
Ethylbenzene	0.00098	U	0.00098	0.00046	mg/Kg	☼	09/29/25 10:27	10/03/25 20:07	1
Ethylene Dibromide	0.00098	U	0.00098	0.00049	mg/Kg	☼	09/29/25 10:27	10/03/25 20:07	1
Isopropylbenzene	0.00098	U	0.00098	0.00028	mg/Kg	☼	09/29/25 10:27	10/03/25 20:07	1
Methyl acetate	0.0049	U	0.0049	0.0042	mg/Kg	☼	09/29/25 10:27	10/03/25 20:07	1
Methyl tert-butyl ether	0.00098	U	0.00098	0.00050	mg/Kg	☼	09/29/25 10:27	10/03/25 20:07	1
Methylcyclohexane	0.00098	U	0.00098	0.00049	mg/Kg	☼	09/29/25 10:27	10/03/25 20:07	1
Methylene Chloride	**0.0018**	**J**	0.0020	0.0011	mg/Kg	☼	09/29/25 10:27	10/03/25 20:07	1
m-Xylene & p-Xylene	0.00098	U	0.00098	0.00041	mg/Kg	☼	09/29/25 10:27	10/03/25 20:07	1
n-Butylbenzene	0.00098	U	0.00098	0.00029	mg/Kg	☼	09/29/25 10:27	10/03/25 20:07	1
N-Propylbenzene	0.00098	U	0.00098	0.00044	mg/Kg	☼	09/29/25 10:27	10/03/25 20:07	1
o-Xylene	0.00098	U	0.00098	0.00045	mg/Kg	☼	09/29/25 10:27	10/03/25 20:07	1
sec-Butylbenzene	0.00098	U	0.00098	0.00028	mg/Kg	☼	09/29/25 10:27	10/03/25 20:07	1
Styrene	0.00098	U	0.00098	0.00027	mg/Kg	☼	09/29/25 10:27	10/03/25 20:07	1

Client Sample ID: 58I2_0-1

Lab Sample ID: 460-335806-77
Date Collected: 09/26/25 14:35
Matrix: Solid
Date Received: 09/26/25 16:20
Percent Solids: 88.2

Method: SW846 8260D - Volatile Organic Compounds by GC/MS (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
tert-Butylbenzene	0.00098	U	0.00098	0.00027	mg/Kg	☼	09/29/25 10:27	10/03/25 20:07	1
Tetrachloroethene	0.00098	U	0.00098	0.00030	mg/Kg	☼	09/29/25 10:27	10/03/25 20:07	1
Toluene	0.00098	U	0.00098	0.00023	mg/Kg	☼	09/29/25 10:27	10/03/25 20:07	1
trans-1,2-Dichloroethene	0.00098	U	0.00098	0.00024	mg/Kg	☼	09/29/25 10:27	10/03/25 20:07	1
trans-1,3-Dichloropropene	0.00098	U	0.00098	0.00026	mg/Kg	☼	09/29/25 10:27	10/03/25 20:07	1
Trichloroethene	0.00098	U	0.00098	0.00031	mg/Kg	☼	09/29/25 10:27	10/03/25 20:07	1
Trichlorofluoromethane	0.00098	U	0.00098	0.00040	mg/Kg	☼	09/29/25 10:27	10/03/25 20:07	1
Vinyl chloride	0.00098	U	0.00098	0.00053	mg/Kg	☼	09/29/25 10:27	10/03/25 20:07	1
Xylenes, Total	0.0020	U	0.0020	0.00017	mg/Kg	☼	09/29/25 10:27	10/03/25 20:07	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,2-Dichloroethane-d4 (Surr)	*115*		*65 - 138*	*09/29/25 10:27*	*10/03/25 20:07*	*1*
4-Bromofluorobenzene	*100*		*71 - 128*	*09/29/25 10:27*	*10/03/25 20:07*	*1*
Dibromofluoromethane (Surr)	*120*		*50 - 150*	*09/29/25 10:27*	*10/03/25 20:07*	*1*
Toluene-d8 (Surr)	*96*		*71 - 126*	*09/29/25 10:27*	*10/03/25 20:07*	*1*

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Percent Moisture (EPA Moisture)	**11.8**		1.0	1.0	%			09/28/25 21:11	1
Percent Solids (EPA Moisture)	**88.2**		1.0	1.0	%			09/28/25 21:11	1

Client Sample ID: 58I1_1-2

Lab Sample ID: 460-335806-78
Date Collected: 09/26/25 14:40
Matrix: Solid
Date Received: 09/26/25 16:20
Percent Solids: 89.1

Method: SW846 8260D - Volatile Organic Compounds by GC/MS

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1-Trichloroethane	0.0010	U	0.0010	0.00023	mg/Kg	☼	09/29/25 10:28	10/03/25 20:30	1
1,1,2,2-Tetrachloroethane	0.0010	U	0.0010	0.00052	mg/Kg	☼	09/29/25 10:28	10/03/25 20:30	1
1,1,2-Trichloro-1,2,2-trifluoroethane	0.0010	U	0.0010	0.00030	mg/Kg	☼	09/29/25 10:28	10/03/25 20:30	1
1,1,2-Trichloroethane	0.0010	U	0.0010	0.00060	mg/Kg	☼	09/29/25 10:28	10/03/25 20:30	1
1,1-Dichloroethane	0.0010	U	0.0010	0.00060	mg/Kg	☼	09/29/25 10:28	10/03/25 20:30	1
1,1-Dichloroethene	0.0010	U	0.0010	0.00023	mg/Kg	☼	09/29/25 10:28	10/03/25 20:30	1
1,2,3-Trichlorobenzene	0.0010	U	0.0010	0.00074	mg/Kg	☼	09/29/25 10:28	10/03/25 20:30	1
1,2,4-Trichlorobenzene	0.0010	U	0.0010	0.00036	mg/Kg	☼	09/29/25 10:28	10/03/25 20:30	1
1,2,4-Trimethylbenzene	0.0010	U	0.0010	0.00025	mg/Kg	☼	09/29/25 10:28	10/03/25 20:30	1
1,2-Dibromo-3-Chloropropane	0.0010	U	0.0010	0.00046	mg/Kg	☼	09/29/25 10:28	10/03/25 20:30	1
1,2-Dichlorobenzene	0.0010	U	0.0010	0.00036	mg/Kg	☼	09/29/25 10:28	10/03/25 20:30	1
1,2-Dichloroethane	0.0010	U	0.0010	0.00030	mg/Kg	☼	09/29/25 10:28	10/03/25 20:30	1
1,2-Dichloropropane	0.0010	U	0.0010	0.00042	mg/Kg	☼	09/29/25 10:28	10/03/25 20:30	1
1,3,5-Trimethylbenzene	0.0010	U	0.0010	0.00031	mg/Kg	☼	09/29/25 10:28	10/03/25 20:30	1
1,3-Dichlorobenzene	0.0010	U	0.0010	0.00037	mg/Kg	☼	09/29/25 10:28	10/03/25 20:30	1
1,4-Dichlorobenzene	0.0010	U	0.0010	0.00052	mg/Kg	☼	09/29/25 10:28	10/03/25 20:30	1
2-Butanone (MEK)	0.0050	U	0.0050	0.00037	mg/Kg	☼	09/29/25 10:28	10/03/25 20:30	1
2-Hexanone	0.0050	U	0.0050	0.0017	mg/Kg	☼	09/29/25 10:28	10/03/25 20:30	1
4-Methyl-2-pentanone (MIBK)	0.0050	U	0.0050	0.0016	mg/Kg	☼	09/29/25 10:28	10/03/25 20:30	1
Acetone	0.0060	U	0.0060	0.0057	mg/Kg	☼	09/29/25 10:28	10/03/25 20:30	1
Benzene	0.0010	U	0.0010	0.00057	mg/Kg	☼	09/29/25 10:28	10/03/25 20:30	1
Bromoform	0.0010	U	0.0010	0.00043	mg/Kg	☼	09/29/25 10:28	10/03/25 20:30	1
Bromomethane	0.0020	U	0.0020	0.0010	mg/Kg	☼	09/29/25 10:28	10/03/25 20:30	1

Client Sample ID: 58I1_1-2
Date Collected: 09/26/25 14:40
Date Received: 09/26/25 16:20

Lab Sample ID: 460-335806-78
Matrix: Solid
Percent Solids: 89.1

Method: SW846 8260D - Volatile Organic Compounds by GC/MS (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Carbon disulfide	0.0010	U	0.0010	0.00027	mg/Kg	☼	09/29/25 10:28	10/03/25 20:30	1
Carbon tetrachloride	0.0010	U	0.0010	0.00039	mg/Kg	☼	09/29/25 10:28	10/03/25 20:30	1
Chlorobenzene	0.0010	U	0.0010	0.00051	mg/Kg	☼	09/29/25 10:28	10/03/25 20:30	1
Chlorobromomethane	0.0010	U	0.0010	0.00060	mg/Kg	☼	09/29/25 10:28	10/03/25 20:30	1
Chlorodibromomethane	0.0010	U	0.0010	0.00054	mg/Kg	☼	09/29/25 10:28	10/03/25 20:30	1
Chloroethane	0.0010	U	0.0010	0.00052	mg/Kg	☼	09/29/25 10:28	10/03/25 20:30	1
Chloroform	0.0010	U	0.0010	0.00097	mg/Kg	☼	09/29/25 10:28	10/03/25 20:30	1
Chloromethane	0.0010	U	0.0010	0.00044	mg/Kg	☼	09/29/25 10:28	10/03/25 20:30	1
cis-1,2-Dichloroethene	0.0010	U	0.0010	0.00036	mg/Kg	☼	09/29/25 10:28	10/03/25 20:30	1
cis-1,3-Dichloropropene	0.0010	U	0.0010	0.00027	mg/Kg	☼	09/29/25 10:28	10/03/25 20:30	1
Cyclohexane	0.0010	U	0.0010	0.00022	mg/Kg	☼	09/29/25 10:28	10/03/25 20:30	1
Dichlorobromomethane	0.0010	U	0.0010	0.00026	mg/Kg	☼	09/29/25 10:28	10/03/25 20:30	1
Dichlorodifluoromethane	0.0010	U	0.0010	0.00034	mg/Kg	☼	09/29/25 10:28	10/03/25 20:30	1
Ethylbenzene	0.0010	U	0.0010	0.00047	mg/Kg	☼	09/29/25 10:28	10/03/25 20:30	1
Ethylene Dibromide	0.0010	U	0.0010	0.00050	mg/Kg	☼	09/29/25 10:28	10/03/25 20:30	1
Isopropylbenzene	0.0010	U	0.0010	0.00029	mg/Kg	☼	09/29/25 10:28	10/03/25 20:30	1
Methyl acetate	0.0050	U	0.0050	0.0043	mg/Kg	☼	09/29/25 10:28	10/03/25 20:30	1
Methyl tert-butyl ether	0.0010	U	0.0010	0.00051	mg/Kg	☼	09/29/25 10:28	10/03/25 20:30	1
Methylcyclohexane	0.0010	U	0.0010	0.00050	mg/Kg	☼	09/29/25 10:28	10/03/25 20:30	1
Methylene Chloride	**0.0035**		0.0020	0.0011	mg/Kg	☼	09/29/25 10:28	10/03/25 20:30	1
m-Xylene & p-Xylene	0.0010	U	0.0010	0.00042	mg/Kg	☼	09/29/25 10:28	10/03/25 20:30	1
n-Butylbenzene	0.0010	U	0.0010	0.00029	mg/Kg	☼	09/29/25 10:28	10/03/25 20:30	1
N-Propylbenzene	0.0010	U	0.0010	0.00045	mg/Kg	☼	09/29/25 10:28	10/03/25 20:30	1
o-Xylene	0.0010	U	0.0010	0.00046	mg/Kg	☼	09/29/25 10:28	10/03/25 20:30	1
sec-Butylbenzene	0.0010	U	0.0010	0.00029	mg/Kg	☼	09/29/25 10:28	10/03/25 20:30	1
Styrene	0.0010	U	0.0010	0.00028	mg/Kg	☼	09/29/25 10:28	10/03/25 20:30	1
tert-Butylbenzene	0.0010	U	0.0010	0.00028	mg/Kg	☼	09/29/25 10:28	10/03/25 20:30	1
Tetrachloroethene	0.0010	U	0.0010	0.00031	mg/Kg	☼	09/29/25 10:28	10/03/25 20:30	1
Toluene	0.0010	U	0.0010	0.00023	mg/Kg	☼	09/29/25 10:28	10/03/25 20:30	1
trans-1,2-Dichloroethene	0.0010	U	0.0010	0.00025	mg/Kg	☼	09/29/25 10:28	10/03/25 20:30	1
trans-1,3-Dichloropropene	0.0010	U	0.0010	0.00027	mg/Kg	☼	09/29/25 10:28	10/03/25 20:30	1
Trichloroethene	0.0010	U	0.0010	0.00032	mg/Kg	☼	09/29/25 10:28	10/03/25 20:30	1
Trichlorofluoromethane	0.0010	U	0.0010	0.00041	mg/Kg	☼	09/29/25 10:28	10/03/25 20:30	1
Vinyl chloride	0.0010	U	0.0010	0.00055	mg/Kg	☼	09/29/25 10:28	10/03/25 20:30	1
Xylenes, Total	0.0020	U	0.0020	0.00017	mg/Kg	☼	09/29/25 10:28	10/03/25 20:30	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,2-Dichloroethane-d4 (Surr)	*114*		*65 - 138*	*09/29/25 10:28*	*10/03/25 20:30*	*1*
4-Bromofluorobenzene	*100*		*71 - 128*	*09/29/25 10:28*	*10/03/25 20:30*	*1*
Dibromofluoromethane (Surr)	*116*		*50 - 150*	*09/29/25 10:28*	*10/03/25 20:30*	*1*
Toluene-d8 (Surr)	*96*		*71 - 126*	*09/29/25 10:28*	*10/03/25 20:30*	*1*

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Percent Moisture (EPA Moisture)	**10.9**		1.0	1.0	%			09/28/25 21:11	1
Percent Solids (EPA Moisture)	**89.1**		1.0	1.0	%			09/28/25 21:11	1

Client: Haley & Aldrich, Inc.
Project/Site: Former Port Mobil

Job ID: 460-335806-1

Client Sample ID: 58I3_3-4
Date Collected: 09/26/25 14:45
Date Received: 09/26/25 16:20

Lab Sample ID: 460-335806-79
Matrix: Solid
Percent Solids: 87.1

Method: SW846 8260D - Volatile Organic Compounds by GC/MS

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1-Trichloroethane	0.00099	U	0.00099	0.00023	mg/Kg	☼	09/29/25 10:28	10/03/25 20:53	1
1,1,2,2-Tetrachloroethane	0.00099	U	0.00099	0.00052	mg/Kg	☼	09/29/25 10:28	10/03/25 20:53	1
1,1,2-Trichloro-1,2,2-trifluoroethane	0.00099	U	0.00099	0.00030	mg/Kg	☼	09/29/25 10:28	10/03/25 20:53	1
1,1,2-Trichloroethane	0.00099	U	0.00099	0.00060	mg/Kg	☼	09/29/25 10:28	10/03/25 20:53	1
1,1-Dichloroethane	0.00099	U	0.00099	0.00059	mg/Kg	☼	09/29/25 10:28	10/03/25 20:53	1
1,1-Dichloroethene	0.00099	U	0.00099	0.00022	mg/Kg	☼	09/29/25 10:28	10/03/25 20:53	1
1,2,3-Trichlorobenzene	0.00099	U	0.00099	0.00073	mg/Kg	☼	09/29/25 10:28	10/03/25 20:53	1
1,2,4-Trichlorobenzene	0.00099	U	0.00099	0.00036	mg/Kg	☼	09/29/25 10:28	10/03/25 20:53	1
1,2,4-Trimethylbenzene	0.00099	U	0.00099	0.00024	mg/Kg	☼	09/29/25 10:28	10/03/25 20:53	1
1,2-Dibromo-3-Chloropropane	0.00099	U	0.00099	0.00046	mg/Kg	☼	09/29/25 10:28	10/03/25 20:53	1
1,2-Dichlorobenzene	0.00099	U	0.00099	0.00036	mg/Kg	☼	09/29/25 10:28	10/03/25 20:53	1
1,2-Dichloroethane	0.00099	U	0.00099	0.00029	mg/Kg	☼	09/29/25 10:28	10/03/25 20:53	1
1,2-Dichloropropane	0.00099	U	0.00099	0.00042	mg/Kg	☼	09/29/25 10:28	10/03/25 20:53	1
1,3,5-Trimethylbenzene	0.00099	U	0.00099	0.00031	mg/Kg	☼	09/29/25 10:28	10/03/25 20:53	1
1,3-Dichlorobenzene	0.00099	U	0.00099	0.00036	mg/Kg	☼	09/29/25 10:28	10/03/25 20:53	1
1,4-Dichlorobenzene	0.00099	U	0.00099	0.00052	mg/Kg	☼	09/29/25 10:28	10/03/25 20:53	1
2-Butanone (MEK)	0.0050	U	0.0050	0.00037	mg/Kg	☼	09/29/25 10:28	10/03/25 20:53	1
2-Hexanone	0.0050	U	0.0050	0.0017	mg/Kg	☼	09/29/25 10:28	10/03/25 20:53	1
4-Methyl-2-pentanone (MIBK)	0.0050	U	0.0050	0.0015	mg/Kg	☼	09/29/25 10:28	10/03/25 20:53	1
Acetone	0.0060	U	0.0060	0.0057	mg/Kg	☼	09/29/25 10:28	10/03/25 20:53	1
Benzene	0.00099	U	0.00099	0.00056	mg/Kg	☼	09/29/25 10:28	10/03/25 20:53	1
Bromoform	0.00099	U	0.00099	0.00042	mg/Kg	☼	09/29/25 10:28	10/03/25 20:53	1
Bromomethane	0.0020	U	0.0020	0.00099	mg/Kg	☼	09/29/25 10:28	10/03/25 20:53	1
Carbon disulfide	0.00099	U	0.00099	0.00026	mg/Kg	☼	09/29/25 10:28	10/03/25 20:53	1
Carbon tetrachloride	0.00099	U	0.00099	0.00039	mg/Kg	☼	09/29/25 10:28	10/03/25 20:53	1
Chlorobenzene	0.00099	U	0.00099	0.00050	mg/Kg	☼	09/29/25 10:28	10/03/25 20:53	1
Chlorobromomethane	0.00099	U	0.00099	0.00059	mg/Kg	☼	09/29/25 10:28	10/03/25 20:53	1
Chlorodibromomethane	0.00099	U	0.00099	0.00053	mg/Kg	☼	09/29/25 10:28	10/03/25 20:53	1
Chloroethane	0.00099	U	0.00099	0.00052	mg/Kg	☼	09/29/25 10:28	10/03/25 20:53	1
Chloroform	0.00099	U	0.00099	0.00097	mg/Kg	☼	09/29/25 10:28	10/03/25 20:53	1
Chloromethane	0.00099	U	0.00099	0.00043	mg/Kg	☼	09/29/25 10:28	10/03/25 20:53	1
cis-1,2-Dichloroethene	0.00099	U	0.00099	0.00036	mg/Kg	☼	09/29/25 10:28	10/03/25 20:53	1
cis-1,3-Dichloropropene	0.00099	U	0.00099	0.00027	mg/Kg	☼	09/29/25 10:28	10/03/25 20:53	1
Cyclohexane	0.00099	U	0.00099	0.00022	mg/Kg	☼	09/29/25 10:28	10/03/25 20:53	1
Dichlorobromomethane	0.00099	U	0.00099	0.00026	mg/Kg	☼	09/29/25 10:28	10/03/25 20:53	1
Dichlorodifluoromethane	0.00099	U	0.00099	0.00034	mg/Kg	☼	09/29/25 10:28	10/03/25 20:53	1
Ethylbenzene	0.00099	U	0.00099	0.00047	mg/Kg	☼	09/29/25 10:28	10/03/25 20:53	1
Ethylene Dibromide	0.00099	U	0.00099	0.00050	mg/Kg	☼	09/29/25 10:28	10/03/25 20:53	1
Isopropylbenzene	0.00099	U	0.00099	0.00028	mg/Kg	☼	09/29/25 10:28	10/03/25 20:53	1
Methyl acetate	0.0050	U	0.0050	0.0043	mg/Kg	☼	09/29/25 10:28	10/03/25 20:53	1
Methyl tert-butyl ether	0.00099	U	0.00099	0.00051	mg/Kg	☼	09/29/25 10:28	10/03/25 20:53	1
Methylcyclohexane	0.00099	U	0.00099	0.00050	mg/Kg	☼	09/29/25 10:28	10/03/25 20:53	1
Methylene Chloride	**0.0019**	**J**	0.0020	0.0011	mg/Kg	☼	09/29/25 10:28	10/03/25 20:53	1
m-Xylene & p-Xylene	0.00099	U	0.00099	0.00042	mg/Kg	☼	09/29/25 10:28	10/03/25 20:53	1
n-Butylbenzene	0.00099	U	0.00099	0.00029	mg/Kg	☼	09/29/25 10:28	10/03/25 20:53	1
N-Propylbenzene	0.00099	U	0.00099	0.00045	mg/Kg	☼	09/29/25 10:28	10/03/25 20:53	1
o-Xylene	0.00099	U	0.00099	0.00046	mg/Kg	☼	09/29/25 10:28	10/03/25 20:53	1
sec-Butylbenzene	0.00099	U	0.00099	0.00029	mg/Kg	☼	09/29/25 10:28	10/03/25 20:53	1
Styrene	0.00099	U	0.00099	0.00028	mg/Kg	☼	09/29/25 10:28	10/03/25 20:53	1

Client Sample ID: 58I3_3-4

Lab Sample ID: 460-335806-79
Date Collected: 09/26/25 14:45
Matrix: Solid
Date Received: 09/26/25 16:20
Percent Solids: 87.1

Method: SW846 8260D - Volatile Organic Compounds by GC/MS (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
tert-Butylbenzene	0.00099	U	0.00099	0.00027	mg/Kg	☼	09/29/25 10:28	10/03/25 20:53	1
Tetrachloroethene	0.00099	U	0.00099	0.00030	mg/Kg	☼	09/29/25 10:28	10/03/25 20:53	1
Toluene	0.00099	U	0.00099	0.00023	mg/Kg	☼	09/29/25 10:28	10/03/25 20:53	1
trans-1,2-Dichloroethene	0.00099	U	0.00099	0.00024	mg/Kg	☼	09/29/25 10:28	10/03/25 20:53	1
trans-1,3-Dichloropropene	0.00099	U	0.00099	0.00026	mg/Kg	☼	09/29/25 10:28	10/03/25 20:53	1
Trichloroethene	0.00099	U	0.00099	0.00032	mg/Kg	☼	09/29/25 10:28	10/03/25 20:53	1
Trichlorofluoromethane	0.00099	U	0.00099	0.00040	mg/Kg	☼	09/29/25 10:28	10/03/25 20:53	1
Vinyl chloride	0.00099	U	0.00099	0.00054	mg/Kg	☼	09/29/25 10:28	10/03/25 20:53	1
Xylenes, Total	0.0020	U	0.0020	0.00017	mg/Kg	☼	09/29/25 10:28	10/03/25 20:53	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,2-Dichloroethane-d4 (Surr)	*114*		*65 - 138*	*09/29/25 10:28*	*10/03/25 20:53*	*1*
4-Bromofluorobenzene	*100*		*71 - 128*	*09/29/25 10:28*	*10/03/25 20:53*	*1*
Dibromofluoromethane (Surr)	*119*		*50 - 150*	*09/29/25 10:28*	*10/03/25 20:53*	*1*
Toluene-d8 (Surr)	*96*		*71 - 126*	*09/29/25 10:28*	*10/03/25 20:53*	*1*

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Percent Moisture (EPA Moisture)	**12.9**		1.0	1.0	%			09/28/25 21:11	1
Percent Solids (EPA Moisture)	**87.1**		1.0	1.0	%			09/28/25 21:11	1

Client Sample ID: 58I2_4-5

Lab Sample ID: 460-335806-80
Date Collected: 09/26/25 14:50
Matrix: Solid
Date Received: 09/26/25 16:20
Percent Solids: 90.3

Method: SW846 8260D - Volatile Organic Compounds by GC/MS

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1-Trichloroethane	0.00098	U	0.00098	0.00023	mg/Kg	☼	09/29/25 10:28	10/03/25 21:16	1
1,1,2,2-Tetrachloroethane	0.00098	U	0.00098	0.00051	mg/Kg	☼	09/29/25 10:28	10/03/25 21:16	1
1,1,2-Trichloro-1,2,2-trifluoroethane	0.00098	U	0.00098	0.00029	mg/Kg	☼	09/29/25 10:28	10/03/25 21:16	1
1,1,2-Trichloroethane	0.00098	U	0.00098	0.00059	mg/Kg	☼	09/29/25 10:28	10/03/25 21:16	1
1,1-Dichloroethane	0.00098	U	0.00098	0.00058	mg/Kg	☼	09/29/25 10:28	10/03/25 21:16	1
1,1-Dichloroethene	0.00098	U	0.00098	0.00022	mg/Kg	☼	09/29/25 10:28	10/03/25 21:16	1
1,2,3-Trichlorobenzene	0.00098	U	0.00098	0.00072	mg/Kg	☼	09/29/25 10:28	10/03/25 21:16	1
1,2,4-Trichlorobenzene	0.00098	U	0.00098	0.00035	mg/Kg	☼	09/29/25 10:28	10/03/25 21:16	1
1,2,4-Trimethylbenzene	0.00098	U	0.00098	0.00024	mg/Kg	☼	09/29/25 10:28	10/03/25 21:16	1
1,2-Dibromo-3-Chloropropane	0.00098	U	0.00098	0.00045	mg/Kg	☼	09/29/25 10:28	10/03/25 21:16	1
1,2-Dichlorobenzene	0.00098	U	0.00098	0.00035	mg/Kg	☼	09/29/25 10:28	10/03/25 21:16	1
1,2-Dichloroethane	0.00098	U	0.00098	0.00029	mg/Kg	☼	09/29/25 10:28	10/03/25 21:16	1
1,2-Dichloropropane	0.00098	U	0.00098	0.00041	mg/Kg	☼	09/29/25 10:28	10/03/25 21:16	1
1,3,5-Trimethylbenzene	0.00098	U	0.00098	0.00031	mg/Kg	☼	09/29/25 10:28	10/03/25 21:16	1
1,3-Dichlorobenzene	0.00098	U	0.00098	0.00036	mg/Kg	☼	09/29/25 10:28	10/03/25 21:16	1
1,4-Dichlorobenzene	0.00098	U	0.00098	0.00051	mg/Kg	☼	09/29/25 10:28	10/03/25 21:16	1
2-Butanone (MEK)	0.0049	U	0.0049	0.00036	mg/Kg	☼	09/29/25 10:28	10/03/25 21:16	1
2-Hexanone	0.0049	U	0.0049	0.0017	mg/Kg	☼	09/29/25 10:28	10/03/25 21:16	1
4-Methyl-2-pentanone (MIBK)	0.0049	U	0.0049	0.0015	mg/Kg	☼	09/29/25 10:28	10/03/25 21:16	1
Acetone	0.0059	U	0.0059	0.0056	mg/Kg	☼	09/29/25 10:28	10/03/25 21:16	1
Benzene	0.00098	U	0.00098	0.00056	mg/Kg	☼	09/29/25 10:28	10/03/25 21:16	1
Bromoform	0.00098	U	0.00098	0.00042	mg/Kg	☼	09/29/25 10:28	10/03/25 21:16	1
Bromomethane	0.0020	U	0.0020	0.00098	mg/Kg	☼	09/29/25 10:28	10/03/25 21:16	1

Client: Haley & Aldrich, Inc.
Project/Site: Former Port Mobil

Job ID: 460-335806-1

Client Sample ID: 58I2_4-5
Date Collected: 09/26/25 14:50
Date Received: 09/26/25 16:20

Lab Sample ID: 460-335806-80
Matrix: Solid
Percent Solids: 90.3

Method: SW846 8260D - Volatile Organic Compounds by GC/MS (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Carbon disulfide	0.00098	U	0.00098	0.00026	mg/Kg	☼	09/29/25 10:28	10/03/25 21:16	1
Carbon tetrachloride	0.00098	U	0.00098	0.00038	mg/Kg	☼	09/29/25 10:28	10/03/25 21:16	1
Chlorobenzene	0.00098	U	0.00098	0.00050	mg/Kg	☼	09/29/25 10:28	10/03/25 21:16	1
Chlorobromomethane	0.00098	U	0.00098	0.00058	mg/Kg	☼	09/29/25 10:28	10/03/25 21:16	1
Chlorodibromomethane	0.00098	U	0.00098	0.00053	mg/Kg	☼	09/29/25 10:28	10/03/25 21:16	1
Chloroethane	0.00098	U	0.00098	0.00051	mg/Kg	☼	09/29/25 10:28	10/03/25 21:16	1
Chloroform	0.00098	U	0.00098	0.00095	mg/Kg	☼	09/29/25 10:28	10/03/25 21:16	1
Chloromethane	0.00098	U	0.00098	0.00043	mg/Kg	☼	09/29/25 10:28	10/03/25 21:16	1
cis-1,2-Dichloroethene	0.00098	U	0.00098	0.00035	mg/Kg	☼	09/29/25 10:28	10/03/25 21:16	1
cis-1,3-Dichloropropene	0.00098	U	0.00098	0.00027	mg/Kg	☼	09/29/25 10:28	10/03/25 21:16	1
Cyclohexane	0.00098	U	0.00098	0.00022	mg/Kg	☼	09/29/25 10:28	10/03/25 21:16	1
Dichlorobromomethane	0.00098	U	0.00098	0.00025	mg/Kg	☼	09/29/25 10:28	10/03/25 21:16	1
Dichlorodifluoromethane	0.00098	U	0.00098	0.00033	mg/Kg	☼	09/29/25 10:28	10/03/25 21:16	1
Ethylbenzene	0.00098	U	0.00098	0.00046	mg/Kg	☼	09/29/25 10:28	10/03/25 21:16	1
Ethylene Dibromide	0.00098	U	0.00098	0.00049	mg/Kg	☼	09/29/25 10:28	10/03/25 21:16	1
Isopropylbenzene	0.00098	U	0.00098	0.00028	mg/Kg	☼	09/29/25 10:28	10/03/25 21:16	1
Methyl acetate	0.0049	U	0.0049	0.0042	mg/Kg	☼	09/29/25 10:28	10/03/25 21:16	1
Methyl tert-butyl ether	0.00098	U	0.00098	0.00050	mg/Kg	☼	09/29/25 10:28	10/03/25 21:16	1
Methylcyclohexane	0.00098	U	0.00098	0.00049	mg/Kg	☼	09/29/25 10:28	10/03/25 21:16	1
Methylene Chloride	**0.0020**		0.0020	0.0011	mg/Kg	☼	09/29/25 10:28	10/03/25 21:16	1
m-Xylene & p-Xylene	0.00098	U	0.00098	0.00041	mg/Kg	☼	09/29/25 10:28	10/03/25 21:16	1
n-Butylbenzene	0.00098	U	0.00098	0.00029	mg/Kg	☼	09/29/25 10:28	10/03/25 21:16	1
N-Propylbenzene	0.00098	U	0.00098	0.00044	mg/Kg	☼	09/29/25 10:28	10/03/25 21:16	1
o-Xylene	0.00098	U	0.00098	0.00045	mg/Kg	☼	09/29/25 10:28	10/03/25 21:16	1
sec-Butylbenzene	0.00098	U	0.00098	0.00028	mg/Kg	☼	09/29/25 10:28	10/03/25 21:16	1
Styrene	0.00098	U	0.00098	0.00027	mg/Kg	☼	09/29/25 10:28	10/03/25 21:16	1
tert-Butylbenzene	0.00098	U	0.00098	0.00027	mg/Kg	☼	09/29/25 10:28	10/03/25 21:16	1
Tetrachloroethene	0.00098	U	0.00098	0.00030	mg/Kg	☼	09/29/25 10:28	10/03/25 21:16	1
Toluene	0.00098	U	0.00098	0.00023	mg/Kg	☼	09/29/25 10:28	10/03/25 21:16	1
trans-1,2-Dichloroethene	0.00098	U	0.00098	0.00024	mg/Kg	☼	09/29/25 10:28	10/03/25 21:16	1
trans-1,3-Dichloropropene	0.00098	U	0.00098	0.00026	mg/Kg	☼	09/29/25 10:28	10/03/25 21:16	1
Trichloroethene	0.00098	U	0.00098	0.00031	mg/Kg	☼	09/29/25 10:28	10/03/25 21:16	1
Trichlorofluoromethane	0.00098	U	0.00098	0.00040	mg/Kg	☼	09/29/25 10:28	10/03/25 21:16	1
Vinyl chloride	0.00098	U	0.00098	0.00053	mg/Kg	☼	09/29/25 10:28	10/03/25 21:16	1
Xylenes, Total	0.0020	U	0.0020	0.00017	mg/Kg	☼	09/29/25 10:28	10/03/25 21:16	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,2-Dichloroethane-d4 (Surr)	*113*		*65 - 138*	*09/29/25 10:28*	*10/03/25 21:16*	*1*
4-Bromofluorobenzene	*99*		*71 - 128*	*09/29/25 10:28*	*10/03/25 21:16*	*1*
Dibromofluoromethane (Surr)	*115*		*50 - 150*	*09/29/25 10:28*	*10/03/25 21:16*	*1*
Toluene-d8 (Surr)	*96*		*71 - 126*	*09/29/25 10:28*	*10/03/25 21:16*	*1*

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Percent Moisture (EPA Moisture)	**9.7**		1.0	1.0	%			09/28/25 21:11	1
Percent Solids (EPA Moisture)	**90.3**		1.0	1.0	%			09/28/25 21:11	1

Client: Haley & Aldrich, Inc.
Project/Site: Former Port Mobil

Job ID: 460-335806-1

Client Sample ID: 58I3_5-6
Date Collected: 09/26/25 14:55
Date Received: 09/26/25 16:20

Lab Sample ID: 460-335806-81
Matrix: Solid
Percent Solids: 89.8

Method: SW846 8260D - Volatile Organic Compounds by GC/MS

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1-Trichloroethane	0.0014	U	0.0014	0.00033	mg/Kg	☼	09/29/25 10:29	10/03/25 21:39	1
1,1,2,2-Tetrachloroethane	0.0014	U	0.0014	0.00073	mg/Kg	☼	09/29/25 10:29	10/03/25 21:39	1
1,1,2-Trichloro-1,2,2-trifluoroethane	0.0014	U	0.0014	0.00042	mg/Kg	☼	09/29/25 10:29	10/03/25 21:39	1
1,1,2-Trichloroethane	0.0014	U	0.0014	0.00084	mg/Kg	☼	09/29/25 10:29	10/03/25 21:39	1
1,1-Dichloroethane	0.0014	U	0.0014	0.00084	mg/Kg	☼	09/29/25 10:29	10/03/25 21:39	1
1,1-Dichloroethene	0.0014	U	0.0014	0.00032	mg/Kg	☼	09/29/25 10:29	10/03/25 21:39	1
1,2,3-Trichlorobenzene	0.0014	U	0.0014	0.0010	mg/Kg	☼	09/29/25 10:29	10/03/25 21:39	1
1,2,4-Trichlorobenzene	0.0014	U	0.0014	0.00050	mg/Kg	☼	09/29/25 10:29	10/03/25 21:39	1
1,2,4-Trimethylbenzene	0.0014	U	0.0014	0.00034	mg/Kg	☼	09/29/25 10:29	10/03/25 21:39	1
1,2-Dibromo-3-Chloropropane	0.0014	U	0.0014	0.00064	mg/Kg	☼	09/29/25 10:29	10/03/25 21:39	1
1,2-Dichlorobenzene	0.0014	U	0.0014	0.00051	mg/Kg	☼	09/29/25 10:29	10/03/25 21:39	1
1,2-Dichloroethane	0.0014	U	0.0014	0.00041	mg/Kg	☼	09/29/25 10:29	10/03/25 21:39	1
1,2-Dichloropropane	0.0014	U	0.0014	0.00059	mg/Kg	☼	09/29/25 10:29	10/03/25 21:39	1
1,3,5-Trimethylbenzene	0.0014	U	0.0014	0.00044	mg/Kg	☼	09/29/25 10:29	10/03/25 21:39	1
1,3-Dichlorobenzene	0.0014	U	0.0014	0.00051	mg/Kg	☼	09/29/25 10:29	10/03/25 21:39	1
1,4-Dichlorobenzene	0.0014	U	0.0014	0.00073	mg/Kg	☼	09/29/25 10:29	10/03/25 21:39	1
2-Butanone (MEK)	0.0070	U	0.0070	0.00052	mg/Kg	☼	09/29/25 10:29	10/03/25 21:39	1
2-Hexanone	0.0070	U	0.0070	0.0024	mg/Kg	☼	09/29/25 10:29	10/03/25 21:39	1
4-Methyl-2-pentanone (MIBK)	0.0070	U	0.0070	0.0022	mg/Kg	☼	09/29/25 10:29	10/03/25 21:39	1
Acetone	0.0084	U	0.0084	0.0080	mg/Kg	☼	09/29/25 10:29	10/03/25 21:39	1
Benzene	0.0014	U	0.0014	0.00079	mg/Kg	☼	09/29/25 10:29	10/03/25 21:39	1
Bromoform	0.0014	U	0.0014	0.00060	mg/Kg	☼	09/29/25 10:29	10/03/25 21:39	1
Bromomethane	0.0028	U	0.0028	0.0014	mg/Kg	☼	09/29/25 10:29	10/03/25 21:39	1
Carbon disulfide	0.0014	U	0.0014	0.00037	mg/Kg	☼	09/29/25 10:29	10/03/25 21:39	1
Carbon tetrachloride	0.0014	U	0.0014	0.00054	mg/Kg	☼	09/29/25 10:29	10/03/25 21:39	1
Chlorobenzene	0.0014	U	0.0014	0.00071	mg/Kg	☼	09/29/25 10:29	10/03/25 21:39	1
Chlorobromomethane	0.0014	U	0.0014	0.00084	mg/Kg	☼	09/29/25 10:29	10/03/25 21:39	1
Chlorodibromomethane	0.0014	U	0.0014	0.00075	mg/Kg	☼	09/29/25 10:29	10/03/25 21:39	1
Chloroethane	0.0014	U	0.0014	0.00073	mg/Kg	☼	09/29/25 10:29	10/03/25 21:39	1
Chloroform	0.0014	U	0.0014	0.0014	mg/Kg	☼	09/29/25 10:29	10/03/25 21:39	1
Chloromethane	0.0014	U	0.0014	0.00061	mg/Kg	☼	09/29/25 10:29	10/03/25 21:39	1
cis-1,2-Dichloroethene	0.0014	U	0.0014	0.00050	mg/Kg	☼	09/29/25 10:29	10/03/25 21:39	1
cis-1,3-Dichloropropene	0.0014	U	0.0014	0.00038	mg/Kg	☼	09/29/25 10:29	10/03/25 21:39	1
Cyclohexane	0.0014	U	0.0014	0.00031	mg/Kg	☼	09/29/25 10:29	10/03/25 21:39	1
Dichlorobromomethane	0.0014	U	0.0014	0.00036	mg/Kg	☼	09/29/25 10:29	10/03/25 21:39	1
Dichlorodifluoromethane	0.0014	U	0.0014	0.00047	mg/Kg	☼	09/29/25 10:29	10/03/25 21:39	1
Ethylbenzene	0.0014	U	0.0014	0.00066	mg/Kg	☼	09/29/25 10:29	10/03/25 21:39	1
Ethylene Dibromide	0.0014	U	0.0014	0.00071	mg/Kg	☼	09/29/25 10:29	10/03/25 21:39	1
Isopropylbenzene	0.0014	U	0.0014	0.00040	mg/Kg	☼	09/29/25 10:29	10/03/25 21:39	1
Methyl acetate	0.0070	U	0.0070	0.0060	mg/Kg	☼	09/29/25 10:29	10/03/25 21:39	1
Methyl tert-butyl ether	0.0014	U	0.0014	0.00072	mg/Kg	☼	09/29/25 10:29	10/03/25 21:39	1
Methylcyclohexane	0.0014	U	0.0014	0.00070	mg/Kg	☼	09/29/25 10:29	10/03/25 21:39	1
Methylene Chloride	**0.0033**		0.0028	0.0016	mg/Kg	☼	09/29/25 10:29	10/03/25 21:39	1
m-Xylene & p-Xylene	0.0014	U	0.0014	0.00059	mg/Kg	☼	09/29/25 10:29	10/03/25 21:39	1
n-Butylbenzene	0.0014	U	0.0014	0.00041	mg/Kg	☼	09/29/25 10:29	10/03/25 21:39	1
N-Propylbenzene	0.0014	U	0.0014	0.00063	mg/Kg	☼	09/29/25 10:29	10/03/25 21:39	1
o-Xylene	0.0014	U	0.0014	0.00065	mg/Kg	☼	09/29/25 10:29	10/03/25 21:39	1
sec-Butylbenzene	0.0014	U	0.0014	0.00040	mg/Kg	☼	09/29/25 10:29	10/03/25 21:39	1
Styrene	0.0014	U	0.0014	0.00039	mg/Kg	☼	09/29/25 10:29	10/03/25 21:39	1

Client Sample ID: 58I3_5-6

Lab Sample ID: 460-335806-81

Date Collected: 09/26/25 14:55
Matrix: Solid
Date Received: 09/26/25 16:20
Percent Solids: 89.8

Method: SW846 8260D - Volatile Organic Compounds by GC/MS (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
tert-Butylbenzene	0.0014	U	0.0014	0.00039	mg/Kg	☼	09/29/25 10:29	10/03/25 21:39	1
Tetrachloroethene	0.0014	U	0.0014	0.00043	mg/Kg	☼	09/29/25 10:29	10/03/25 21:39	1
Toluene	0.0014	U	0.0014	0.00033	mg/Kg	☼	09/29/25 10:29	10/03/25 21:39	1
trans-1,2-Dichloroethene	0.0014	U	0.0014	0.00034	mg/Kg	☼	09/29/25 10:29	10/03/25 21:39	1
trans-1,3-Dichloropropene	0.0014	U	0.0014	0.00037	mg/Kg	☼	09/29/25 10:29	10/03/25 21:39	1
Trichloroethene	0.0014	U	0.0014	0.00045	mg/Kg	☼	09/29/25 10:29	10/03/25 21:39	1
Trichlorofluoromethane	0.0014	U	0.0014	0.00057	mg/Kg	☼	09/29/25 10:29	10/03/25 21:39	1
Vinyl chloride	0.0014	U	0.0014	0.00077	mg/Kg	☼	09/29/25 10:29	10/03/25 21:39	1
Xylenes, Total	0.0028	U	0.0028	0.00024	mg/Kg	☼	09/29/25 10:29	10/03/25 21:39	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,2-Dichloroethane-d4 (Surr)	*115*		*65 - 138*	*09/29/25 10:29*	*10/03/25 21:39*	*1*
4-Bromofluorobenzene	*102*		*71 - 128*	*09/29/25 10:29*	*10/03/25 21:39*	*1*
Dibromofluoromethane (Surr)	*115*		*50 - 150*	*09/29/25 10:29*	*10/03/25 21:39*	*1*
Toluene-d8 (Surr)	*97*		*71 - 126*	*09/29/25 10:29*	*10/03/25 21:39*	*1*

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Percent Moisture (EPA Moisture)	**10.2**		1.0	1.0	%			09/28/25 21:11	1
Percent Solids (EPA Moisture)	**89.8**		1.0	1.0	%			09/28/25 21:11	1

Client Sample ID: 58I1_7-8

Lab Sample ID: 460-335806-82

Date Collected: 09/26/25 15:00
Matrix: Solid
Date Received: 09/26/25 16:20
Percent Solids: 88.0

Method: SW846 8260D - Volatile Organic Compounds by GC/MS

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1-Trichloroethane	0.0011	U	0.0011	0.00025	mg/Kg	☼	09/29/25 10:29	10/03/25 22:02	1
1,1,2,2-Tetrachloroethane	0.0011	U	0.0011	0.00055	mg/Kg	☼	09/29/25 10:29	10/03/25 22:02	1
1,1,2-Trichloro-1,2,2-trifluoroethane	0.0011	U	0.0011	0.00032	mg/Kg	☼	09/29/25 10:29	10/03/25 22:02	1
1,1,2-Trichloroethane	0.0011	U	0.0011	0.00064	mg/Kg	☼	09/29/25 10:29	10/03/25 22:02	1
1,1-Dichloroethane	0.0011	U	0.0011	0.00063	mg/Kg	☼	09/29/25 10:29	10/03/25 22:02	1
1,1-Dichloroethene	0.0011	U	0.0011	0.00024	mg/Kg	☼	09/29/25 10:29	10/03/25 22:02	1
1,2,3-Trichlorobenzene	0.0011	U	0.0011	0.00078	mg/Kg	☼	09/29/25 10:29	10/03/25 22:02	1
1,2,4-Trichlorobenzene	0.0011	U	0.0011	0.00038	mg/Kg	☼	09/29/25 10:29	10/03/25 22:02	1
1,2,4-Trimethylbenzene	0.0011	U	0.0011	0.00026	mg/Kg	☼	09/29/25 10:29	10/03/25 22:02	1
1,2-Dibromo-3-Chloropropane	0.0011	U	0.0011	0.00049	mg/Kg	☼	09/29/25 10:29	10/03/25 22:02	1
1,2-Dichlorobenzene	0.0011	U	0.0011	0.00038	mg/Kg	☼	09/29/25 10:29	10/03/25 22:02	1
1,2-Dichloroethane	0.0011	U	0.0011	0.00031	mg/Kg	☼	09/29/25 10:29	10/03/25 22:02	1
1,2-Dichloropropane	0.0011	U	0.0011	0.00045	mg/Kg	☼	09/29/25 10:29	10/03/25 22:02	1
1,3,5-Trimethylbenzene	0.0011	U	0.0011	0.00033	mg/Kg	☼	09/29/25 10:29	10/03/25 22:02	1
1,3-Dichlorobenzene	0.0011	U	0.0011	0.00039	mg/Kg	☼	09/29/25 10:29	10/03/25 22:02	1
1,4-Dichlorobenzene	0.0011	U	0.0011	0.00055	mg/Kg	☼	09/29/25 10:29	10/03/25 22:02	1
2-Butanone (MEK)	0.0053	U	0.0053	0.00039	mg/Kg	☼	09/29/25 10:29	10/03/25 22:02	1
2-Hexanone	0.0053	U	0.0053	0.0018	mg/Kg	☼	09/29/25 10:29	10/03/25 22:02	1
4-Methyl-2-pentanone (MIBK)	0.0053	U	0.0053	0.0016	mg/Kg	☼	09/29/25 10:29	10/03/25 22:02	1
Acetone	0.0064	U	0.0064	0.0061	mg/Kg	☼	09/29/25 10:29	10/03/25 22:02	1
Benzene	0.0011	U	0.0011	0.00060	mg/Kg	☼	09/29/25 10:29	10/03/25 22:02	1
Bromoform	0.0011	U	0.0011	0.00045	mg/Kg	☼	09/29/25 10:29	10/03/25 22:02	1
Bromomethane	0.0021	U	0.0021	0.0011	mg/Kg	☼	09/29/25 10:29	10/03/25 22:02	1

Client Sample ID: 58I1_7-8
Date Collected: 09/26/25 15:00
Date Received: 09/26/25 16:20

Lab Sample ID: 460-335806-82
Matrix: Solid
Percent Solids: 88.0

Method: SW846 8260D - Volatile Organic Compounds by GC/MS (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Carbon disulfide	0.0011	U	0.0011	0.00028	mg/Kg	☼	09/29/25 10:29	10/03/25 22:02	1
Carbon tetrachloride	0.0011	U	0.0011	0.00041	mg/Kg	☼	09/29/25 10:29	10/03/25 22:02	1
Chlorobenzene	0.0011	U	0.0011	0.00054	mg/Kg	☼	09/29/25 10:29	10/03/25 22:02	1
Chlorobromomethane	0.0011	U	0.0011	0.00063	mg/Kg	☼	09/29/25 10:29	10/03/25 22:02	1
Chlorodibromomethane	0.0011	U	0.0011	0.00057	mg/Kg	☼	09/29/25 10:29	10/03/25 22:02	1
Chloroethane	0.0011	U	0.0011	0.00055	mg/Kg	☼	09/29/25 10:29	10/03/25 22:02	1
Chloroform	0.0011	U	0.0011	0.0010	mg/Kg	☼	09/29/25 10:29	10/03/25 22:02	1
Chloromethane	0.0011	U	0.0011	0.00046	mg/Kg	☼	09/29/25 10:29	10/03/25 22:02	1
cis-1,2-Dichloroethene	0.0011	U	0.0011	0.00038	mg/Kg	☼	09/29/25 10:29	10/03/25 22:02	1
cis-1,3-Dichloropropene	0.0011	U	0.0011	0.00029	mg/Kg	☼	09/29/25 10:29	10/03/25 22:02	1
Cyclohexane	0.0011	U	0.0011	0.00023	mg/Kg	☼	09/29/25 10:29	10/03/25 22:02	1
Dichlorobromomethane	0.0011	U	0.0011	0.00027	mg/Kg	☼	09/29/25 10:29	10/03/25 22:02	1
Dichlorodifluoromethane	0.0011	U	0.0011	0.00036	mg/Kg	☼	09/29/25 10:29	10/03/25 22:02	1
Ethylbenzene	0.0011	U	0.0011	0.00050	mg/Kg	☼	09/29/25 10:29	10/03/25 22:02	1
Ethylene Dibromide	0.0011	U	0.0011	0.00053	mg/Kg	☼	09/29/25 10:29	10/03/25 22:02	1
Isopropylbenzene	0.0011	U	0.0011	0.00030	mg/Kg	☼	09/29/25 10:29	10/03/25 22:02	1
Methyl acetate	0.0053	U	0.0053	0.0046	mg/Kg	☼	09/29/25 10:29	10/03/25 22:02	1
Methyl tert-butyl ether	0.0011	U	0.0011	0.00054	mg/Kg	☼	09/29/25 10:29	10/03/25 22:02	1
Methylcyclohexane	0.0011	U	0.0011	0.00053	mg/Kg	☼	09/29/25 10:29	10/03/25 22:02	1
Methylene Chloride	**0.0027**		0.0021	0.0012	mg/Kg	☼	09/29/25 10:29	10/03/25 22:02	1
m-Xylene & p-Xylene	0.0011	U	0.0011	0.00045	mg/Kg	☼	09/29/25 10:29	10/03/25 22:02	1
n-Butylbenzene	0.0011	U	0.0011	0.00031	mg/Kg	☼	09/29/25 10:29	10/03/25 22:02	1
N-Propylbenzene	0.0011	U	0.0011	0.00048	mg/Kg	☼	09/29/25 10:29	10/03/25 22:02	1
o-Xylene	0.0011	U	0.0011	0.00049	mg/Kg	☼	09/29/25 10:29	10/03/25 22:02	1
sec-Butylbenzene	0.0011	U	0.0011	0.00031	mg/Kg	☼	09/29/25 10:29	10/03/25 22:02	1
Styrene	0.0011	U	0.0011	0.00029	mg/Kg	☼	09/29/25 10:29	10/03/25 22:02	1
tert-Butylbenzene	0.0011	U	0.0011	0.00029	mg/Kg	☼	09/29/25 10:29	10/03/25 22:02	1
Tetrachloroethene	0.0011	U	0.0011	0.00032	mg/Kg	☼	09/29/25 10:29	10/03/25 22:02	1
Toluene	0.0011	U	0.0011	0.00025	mg/Kg	☼	09/29/25 10:29	10/03/25 22:02	1
trans-1,2-Dichloroethene	0.0011	U	0.0011	0.00026	mg/Kg	☼	09/29/25 10:29	10/03/25 22:02	1
trans-1,3-Dichloropropene	0.0011	U	0.0011	0.00028	mg/Kg	☼	09/29/25 10:29	10/03/25 22:02	1
Trichloroethene	0.0011	U	0.0011	0.00034	mg/Kg	☼	09/29/25 10:29	10/03/25 22:02	1
Trichlorofluoromethane	0.0011	U	0.0011	0.00043	mg/Kg	☼	09/29/25 10:29	10/03/25 22:02	1
Vinyl chloride	0.0011	U	0.0011	0.00058	mg/Kg	☼	09/29/25 10:29	10/03/25 22:02	1
Xylenes, Total	0.0021	U	0.0021	0.00018	mg/Kg	☼	09/29/25 10:29	10/03/25 22:02	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,2-Dichloroethane-d4 (Surr)	*113*		*65 - 138*	*09/29/25 10:29*	*10/03/25 22:02*	*1*
4-Bromofluorobenzene	*101*		*71 - 128*	*09/29/25 10:29*	*10/03/25 22:02*	*1*
Dibromofluoromethane (Surr)	*114*		*50 - 150*	*09/29/25 10:29*	*10/03/25 22:02*	*1*
Toluene-d8 (Surr)	*97*		*71 - 126*	*09/29/25 10:29*	*10/03/25 22:02*	*1*

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Percent Moisture (EPA Moisture)	**12.0**		1.0	1.0	%			09/28/25 21:11	1
Percent Solids (EPA Moisture)	**88.0**		1.0	1.0	%			09/28/25 21:11	1

Client: Haley & Aldrich, Inc.
Project/Site: Former Port Mobil

Job ID: 460-335806-1

Client Sample ID: 58I2_9-10
Date Collected: 09/26/25 15:05
Date Received: 09/26/25 16:20

Lab Sample ID: 460-335806-83
Matrix: Solid
Percent Solids: 85.0

Method: SW846 8260D - Volatile Organic Compounds by GC/MS

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1-Trichloroethane	0.00084	U	0.00084	0.00020	mg/Kg	☼	09/29/25 10:30	10/03/25 22:25	1
1,1,2,2-Tetrachloroethane	0.00084	U	0.00084	0.00044	mg/Kg	☼	09/29/25 10:30	10/03/25 22:25	1
1,1,2-Trichloro-1,2,2-trifluoroethane	0.00084	U	0.00084	0.00025	mg/Kg	☼	09/29/25 10:30	10/03/25 22:25	1
1,1,2-Trichloroethane	0.00084	U	0.00084	0.00050	mg/Kg	☼	09/29/25 10:30	10/03/25 22:25	1
1,1-Dichloroethane	0.00084	U	0.00084	0.00050	mg/Kg	☼	09/29/25 10:30	10/03/25 22:25	1
1,1-Dichloroethene	0.00084	U	0.00084	0.00019	mg/Kg	☼	09/29/25 10:30	10/03/25 22:25	1
1,2,3-Trichlorobenzene	0.00084	U	0.00084	0.00062	mg/Kg	☼	09/29/25 10:30	10/03/25 22:25	1
1,2,4-Trichlorobenzene	0.00084	U	0.00084	0.00030	mg/Kg	☼	09/29/25 10:30	10/03/25 22:25	1
1,2,4-Trimethylbenzene	0.00084	U	0.00084	0.00021	mg/Kg	☼	09/29/25 10:30	10/03/25 22:25	1
1,2-Dibromo-3-Chloropropane	0.00084	U	0.00084	0.00039	mg/Kg	☼	09/29/25 10:30	10/03/25 22:25	1
1,2-Dichlorobenzene	0.00084	U	0.00084	0.00030	mg/Kg	☼	09/29/25 10:30	10/03/25 22:25	1
1,2-Dichloroethane	0.00084	U	0.00084	0.00025	mg/Kg	☼	09/29/25 10:30	10/03/25 22:25	1
1,2-Dichloropropane	0.00084	U	0.00084	0.00035	mg/Kg	☼	09/29/25 10:30	10/03/25 22:25	1
1,3,5-Trimethylbenzene	0.00084	U	0.00084	0.00026	mg/Kg	☼	09/29/25 10:30	10/03/25 22:25	1
1,3-Dichlorobenzene	0.00084	U	0.00084	0.00031	mg/Kg	☼	09/29/25 10:30	10/03/25 22:25	1
1,4-Dichlorobenzene	0.00084	U	0.00084	0.00044	mg/Kg	☼	09/29/25 10:30	10/03/25 22:25	1
2-Butanone (MEK)	0.0042	U	0.0042	0.00031	mg/Kg	☼	09/29/25 10:30	10/03/25 22:25	1
2-Hexanone	0.0042	U	0.0042	0.0014	mg/Kg	☼	09/29/25 10:30	10/03/25 22:25	1
4-Methyl-2-pentanone (MIBK)	0.0042	U	0.0042	0.0013	mg/Kg	☼	09/29/25 10:30	10/03/25 22:25	1
Acetone	0.0050	U	0.0050	0.0048	mg/Kg	☼	09/29/25 10:30	10/03/25 22:25	1
Benzene	0.00084	U	0.00084	0.00048	mg/Kg	☼	09/29/25 10:30	10/03/25 22:25	1
Bromoform	0.00084	U	0.00084	0.00036	mg/Kg	☼	09/29/25 10:30	10/03/25 22:25	1
Bromomethane	0.0017	U	0.0017	0.00084	mg/Kg	☼	09/29/25 10:30	10/03/25 22:25	1
Carbon disulfide	0.00084	U	0.00084	0.00022	mg/Kg	☼	09/29/25 10:30	10/03/25 22:25	1
Carbon tetrachloride	0.00084	U	0.00084	0.00032	mg/Kg	☼	09/29/25 10:30	10/03/25 22:25	1
Chlorobenzene	0.00084	U	0.00084	0.00042	mg/Kg	☼	09/29/25 10:30	10/03/25 22:25	1
Chlorobromomethane	0.00084	U	0.00084	0.00050	mg/Kg	☼	09/29/25 10:30	10/03/25 22:25	1
Chlorodibromomethane	0.00084	U	0.00084	0.00045	mg/Kg	☼	09/29/25 10:30	10/03/25 22:25	1
Chloroethane	0.00084	U	0.00084	0.00044	mg/Kg	☼	09/29/25 10:30	10/03/25 22:25	1
Chloroform	0.00084	U	0.00084	0.00081	mg/Kg	☼	09/29/25 10:30	10/03/25 22:25	1
Chloromethane	0.00084	U	0.00084	0.00036	mg/Kg	☼	09/29/25 10:30	10/03/25 22:25	1
cis-1,2-Dichloroethene	0.00084	U	0.00084	0.00030	mg/Kg	☼	09/29/25 10:30	10/03/25 22:25	1
cis-1,3-Dichloropropene	0.00084	U	0.00084	0.00023	mg/Kg	☼	09/29/25 10:30	10/03/25 22:25	1
Cyclohexane	0.00084	U	0.00084	0.00019	mg/Kg	☼	09/29/25 10:30	10/03/25 22:25	1
Dichlorobromomethane	0.00084	U	0.00084	0.00022	mg/Kg	☼	09/29/25 10:30	10/03/25 22:25	1
Dichlorodifluoromethane	0.00084	U	0.00084	0.00028	mg/Kg	☼	09/29/25 10:30	10/03/25 22:25	1
Ethylbenzene	0.00084	U	0.00084	0.00039	mg/Kg	☼	09/29/25 10:30	10/03/25 22:25	1
Ethylene Dibromide	0.00084	U	0.00084	0.00042	mg/Kg	☼	09/29/25 10:30	10/03/25 22:25	1
Isopropylbenzene	0.00084	U	0.00084	0.00024	mg/Kg	☼	09/29/25 10:30	10/03/25 22:25	1
Methyl acetate	0.0042	U	0.0042	0.0036	mg/Kg	☼	09/29/25 10:30	10/03/25 22:25	1
Methyl tert-butyl ether	0.00084	U	0.00084	0.00043	mg/Kg	☼	09/29/25 10:30	10/03/25 22:25	1
Methylcyclohexane	0.00084	U	0.00084	0.00042	mg/Kg	☼	09/29/25 10:30	10/03/25 22:25	1
Methylene Chloride	**0.0014**	**J**	0.0017	0.00096	mg/Kg	☼	09/29/25 10:30	10/03/25 22:25	1
m-Xylene & p-Xylene	0.00084	U	0.00084	0.00035	mg/Kg	☼	09/29/25 10:30	10/03/25 22:25	1
n-Butylbenzene	0.00084	U	0.00084	0.00025	mg/Kg	☼	09/29/25 10:30	10/03/25 22:25	1
N-Propylbenzene	0.00084	U	0.00084	0.00038	mg/Kg	☼	09/29/25 10:30	10/03/25 22:25	1
o-Xylene	0.00084	U	0.00084	0.00039	mg/Kg	☼	09/29/25 10:30	10/03/25 22:25	1
sec-Butylbenzene	0.00084	U	0.00084	0.00024	mg/Kg	☼	09/29/25 10:30	10/03/25 22:25	1
Styrene	0.00084	U	0.00084	0.00023	mg/Kg	☼	09/29/25 10:30	10/03/25 22:25	1

Client Sample ID: 58I2_9-10

Lab Sample ID: 460-335806-83

Date Collected: 09/26/25 15:05
Matrix: Solid
Date Received: 09/26/25 16:20
Percent Solids: 85.0

Method: SW846 8260D - Volatile Organic Compounds by GC/MS (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
tert-Butylbenzene	0.00084	U	0.00084	0.00023	mg/Kg	☼	09/29/25 10:30	10/03/25 22:25	1
Tetrachloroethene	0.00084	U	0.00084	0.00026	mg/Kg	☼	09/29/25 10:30	10/03/25 22:25	1
Toluene	0.00084	U	0.00084	0.00020	mg/Kg	☼	09/29/25 10:30	10/03/25 22:25	1
trans-1,2-Dichloroethene	0.00084	U	0.00084	0.00021	mg/Kg	☼	09/29/25 10:30	10/03/25 22:25	1
trans-1,3-Dichloropropene	0.00084	U	0.00084	0.00022	mg/Kg	☼	09/29/25 10:30	10/03/25 22:25	1
Trichloroethene	0.00084	U	0.00084	0.00027	mg/Kg	☼	09/29/25 10:30	10/03/25 22:25	1
Trichlorofluoromethane	0.00084	U	0.00084	0.00034	mg/Kg	☼	09/29/25 10:30	10/03/25 22:25	1
Vinyl chloride	0.00084	U	0.00084	0.00046	mg/Kg	☼	09/29/25 10:30	10/03/25 22:25	1
Xylenes, Total	0.0017	U	0.0017	0.00015	mg/Kg	☼	09/29/25 10:30	10/03/25 22:25	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,2-Dichloroethane-d4 (Surr)	*113*		*65 - 138*	*09/29/25 10:30*	*10/03/25 22:25*	*1*
4-Bromofluorobenzene	*98*		*71 - 128*	*09/29/25 10:30*	*10/03/25 22:25*	*1*
Dibromofluoromethane (Surr)	*117*		*50 - 150*	*09/29/25 10:30*	*10/03/25 22:25*	*1*
Toluene-d8 (Surr)	*97*		*71 - 126*	*09/29/25 10:30*	*10/03/25 22:25*	*1*

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Percent Moisture (EPA Moisture)	**15.0**		1.0	1.0	%			09/28/25 21:11	1
Percent Solids (EPA Moisture)	**85.0**		1.0	1.0	%			09/28/25 21:11	1

Client Sample ID: 58J1_1-2

Lab Sample ID: 460-335806-84

Date Collected: 09/26/25 15:10
Matrix: Solid
Date Received: 09/26/25 16:20
Percent Solids: 94.9

Method: SW846 8260D - Volatile Organic Compounds by GC/MS

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1-Trichloroethane	0.0018	U	0.0018	0.00041	mg/Kg	☼	09/29/25 10:30	10/03/25 22:48	1
1,1,2,2-Tetrachloroethane	0.0018	U	0.0018	0.00093	mg/Kg	☼	09/29/25 10:30	10/03/25 22:48	1
1,1,2-Trichloro-1,2,2-trifluoroethane	0.0018	U	0.0018	0.00054	mg/Kg	☼	09/29/25 10:30	10/03/25 22:48	1
1,1,2-Trichloroethane	0.0018	U	0.0018	0.0011	mg/Kg	☼	09/29/25 10:30	10/03/25 22:48	1
1,1-Dichloroethane	0.0018	U	0.0018	0.0011	mg/Kg	☼	09/29/25 10:30	10/03/25 22:48	1
1,1-Dichloroethene	0.0018	U	0.0018	0.00040	mg/Kg	☼	09/29/25 10:30	10/03/25 22:48	1
1,2,3-Trichlorobenzene	0.0018	U	0.0018	0.0013	mg/Kg	☼	09/29/25 10:30	10/03/25 22:48	1
1,2,4-Trichlorobenzene	0.0018	U	0.0018	0.00064	mg/Kg	☼	09/29/25 10:30	10/03/25 22:48	1
1,2,4-Trimethylbenzene	0.0018	U	0.0018	0.00044	mg/Kg	☼	09/29/25 10:30	10/03/25 22:48	1
1,2-Dibromo-3-Chloropropane	0.0018	U	0.0018	0.00082	mg/Kg	☼	09/29/25 10:30	10/03/25 22:48	1
1,2-Dichlorobenzene	0.0018	U	0.0018	0.00064	mg/Kg	☼	09/29/25 10:30	10/03/25 22:48	1
1,2-Dichloroethane	0.0018	U	0.0018	0.00053	mg/Kg	☼	09/29/25 10:30	10/03/25 22:48	1
1,2-Dichloropropane	0.0018	U	0.0018	0.00075	mg/Kg	☼	09/29/25 10:30	10/03/25 22:48	1
1,3,5-Trimethylbenzene	0.0018	U	0.0018	0.00056	mg/Kg	☼	09/29/25 10:30	10/03/25 22:48	1
1,3-Dichlorobenzene	0.0018	U	0.0018	0.00065	mg/Kg	☼	09/29/25 10:30	10/03/25 22:48	1
1,4-Dichlorobenzene	0.0018	U	0.0018	0.00092	mg/Kg	☼	09/29/25 10:30	10/03/25 22:48	1
2-Butanone (MEK)	0.0089	U	0.0089	0.00065	mg/Kg	☼	09/29/25 10:30	10/03/25 22:48	1
2-Hexanone	0.0089	U	0.0089	0.0030	mg/Kg	☼	09/29/25 10:30	10/03/25 22:48	1
4-Methyl-2-pentanone (MIBK)	0.0089	U	0.0089	0.0028	mg/Kg	☼	09/29/25 10:30	10/03/25 22:48	1
Acetone	0.011	U	0.011	0.010	mg/Kg	☼	09/29/25 10:30	10/03/25 22:48	1
Benzene	0.0018	U	0.0018	0.0010	mg/Kg	☼	09/29/25 10:30	10/03/25 22:48	1
Bromoform	0.0018	U	0.0018	0.00076	mg/Kg	☼	09/29/25 10:30	10/03/25 22:48	1
Bromomethane	0.0036	U	0.0036	0.0018	mg/Kg	☼	09/29/25 10:30	10/03/25 22:48	1

Client Sample ID: 58J1_1-2
Date Collected: 09/26/25 15:10
Date Received: 09/26/25 16:20

Lab Sample ID: 460-335806-84
Matrix: Solid
Percent Solids: 94.9

Method: SW846 8260D - Volatile Organic Compounds by GC/MS (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Carbon disulfide	0.0018	U	0.0018	0.00047	mg/Kg	☼	09/29/25 10:30	10/03/25 22:48	1
Carbon tetrachloride	0.0018	U	0.0018	0.00069	mg/Kg	☼	09/29/25 10:30	10/03/25 22:48	1
Chlorobenzene	0.0018	U	0.0018	0.00090	mg/Kg	☼	09/29/25 10:30	10/03/25 22:48	1
Chlorobromomethane	0.0018	U	0.0018	0.0011	mg/Kg	☼	09/29/25 10:30	10/03/25 22:48	1
Chlorodibromomethane	0.0018	U	0.0018	0.00095	mg/Kg	☼	09/29/25 10:30	10/03/25 22:48	1
Chloroethane	0.0018	U	0.0018	0.00093	mg/Kg	☼	09/29/25 10:30	10/03/25 22:48	1
Chloroform	0.0018	U	0.0018	0.0017	mg/Kg	☼	09/29/25 10:30	10/03/25 22:48	1
Chloromethane	0.0018	U	0.0018	0.00077	mg/Kg	☼	09/29/25 10:30	10/03/25 22:48	1
cis-1,2-Dichloroethene	0.0018	U	0.0018	0.00064	mg/Kg	☼	09/29/25 10:30	10/03/25 22:48	1
cis-1,3-Dichloropropene	0.0018	U	0.0018	0.00049	mg/Kg	☼	09/29/25 10:30	10/03/25 22:48	1
Cyclohexane	0.0018	U	0.0018	0.00039	mg/Kg	☼	09/29/25 10:30	10/03/25 22:48	1
Dichlorobromomethane	0.0018	U	0.0018	0.00046	mg/Kg	☼	09/29/25 10:30	10/03/25 22:48	1
Dichlorodifluoromethane	0.0018	U	0.0018	0.00060	mg/Kg	☼	09/29/25 10:30	10/03/25 22:48	1
Ethylbenzene	0.0018	U	0.0018	0.00083	mg/Kg	☼	09/29/25 10:30	10/03/25 22:48	1
Ethylene Dibromide	0.0018	U	0.0018	0.00090	mg/Kg	☼	09/29/25 10:30	10/03/25 22:48	1
Isopropylbenzene	0.0018	U	0.0018	0.00051	mg/Kg	☼	09/29/25 10:30	10/03/25 22:48	1
Methyl acetate	0.0089	U	0.0089	0.0076	mg/Kg	☼	09/29/25 10:30	10/03/25 22:48	1
Methyl tert-butyl ether	0.0018	U	0.0018	0.00091	mg/Kg	☼	09/29/25 10:30	10/03/25 22:48	1
Methylcyclohexane	0.0018	U	0.0018	0.00089	mg/Kg	☼	09/29/25 10:30	10/03/25 22:48	1
Methylene Chloride	**0.0051**		0.0036	0.0020	mg/Kg	☼	09/29/25 10:30	10/03/25 22:48	1
m-Xylene & p-Xylene	0.0018	U	0.0018	0.00075	mg/Kg	☼	09/29/25 10:30	10/03/25 22:48	1
n-Butylbenzene	0.0018	U	0.0018	0.00052	mg/Kg	☼	09/29/25 10:30	10/03/25 22:48	1
N-Propylbenzene	0.0018	U	0.0018	0.00080	mg/Kg	☼	09/29/25 10:30	10/03/25 22:48	1
o-Xylene	0.0018	U	0.0018	0.00082	mg/Kg	☼	09/29/25 10:30	10/03/25 22:48	1
sec-Butylbenzene	0.0018	U	0.0018	0.00051	mg/Kg	☼	09/29/25 10:30	10/03/25 22:48	1
Styrene	0.0018	U	0.0018	0.00049	mg/Kg	☼	09/29/25 10:30	10/03/25 22:48	1
tert-Butylbenzene	0.0018	U	0.0018	0.00049	mg/Kg	☼	09/29/25 10:30	10/03/25 22:48	1
Tetrachloroethene	0.0018	U	0.0018	0.00054	mg/Kg	☼	09/29/25 10:30	10/03/25 22:48	1
Toluene	0.0018	U	0.0018	0.00042	mg/Kg	☼	09/29/25 10:30	10/03/25 22:48	1
trans-1,2-Dichloroethene	0.0018	U	0.0018	0.00044	mg/Kg	☼	09/29/25 10:30	10/03/25 22:48	1
trans-1,3-Dichloropropene	0.0018	U	0.0018	0.00047	mg/Kg	☼	09/29/25 10:30	10/03/25 22:48	1
Trichloroethene	0.0018	U	0.0018	0.00057	mg/Kg	☼	09/29/25 10:30	10/03/25 22:48	1
Trichlorofluoromethane	0.0018	U	0.0018	0.00072	mg/Kg	☼	09/29/25 10:30	10/03/25 22:48	1
Vinyl chloride	0.0018	U	0.0018	0.00097	mg/Kg	☼	09/29/25 10:30	10/03/25 22:48	1
Xylenes, Total	0.0036	U	0.0036	0.00031	mg/Kg	☼	09/29/25 10:30	10/03/25 22:48	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,2-Dichloroethane-d4 (Surr)	*110*		*65 - 138*	*09/29/25 10:30*	*10/03/25 22:48*	*1*
4-Bromofluorobenzene	*103*		*71 - 128*	*09/29/25 10:30*	*10/03/25 22:48*	*1*
Dibromofluoromethane (Surr)	*116*		*50 - 150*	*09/29/25 10:30*	*10/03/25 22:48*	*1*
Toluene-d8 (Surr)	*98*		*71 - 126*	*09/29/25 10:30*	*10/03/25 22:48*	*1*

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Percent Moisture (EPA Moisture)	**5.1**		1.0	1.0	%			09/28/25 21:11	1
Percent Solids (EPA Moisture)	**94.9**		1.0	1.0	%			09/28/25 21:11	1

Client: Haley & Aldrich, Inc.
Project/Site: Former Port Mobil

Job ID: 460-335806-1

Client Sample ID: 58J2_2-3
Date Collected: 09/26/25 15:15
Date Received: 09/26/25 16:20

Lab Sample ID: 460-335806-85
Matrix: Solid
Percent Solids: 95.0

Method: SW846 8260D - Volatile Organic Compounds by GC/MS

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1-Trichloroethane	0.0017	U	0.0017	0.00039	mg/Kg	☼	09/29/25 10:30	10/03/25 23:12	1
1,1,2,2-Tetrachloroethane	0.0017	U	0.0017	0.00088	mg/Kg	☼	09/29/25 10:30	10/03/25 23:12	1
1,1,2-Trichloro-1,2,2-trifluoroethane	0.0017	U	0.0017	0.00051	mg/Kg	☼	09/29/25 10:30	10/03/25 23:12	1
1,1,2-Trichloroethane	0.0017	U	0.0017	0.0010	mg/Kg	☼	09/29/25 10:30	10/03/25 23:12	1
1,1-Dichloroethane	0.0017	U	0.0017	0.0010	mg/Kg	☼	09/29/25 10:30	10/03/25 23:12	1
1,1-Dichloroethene	0.0017	U	0.0017	0.00038	mg/Kg	☼	09/29/25 10:30	10/03/25 23:12	1
1,2,3-Trichlorobenzene	0.0017	U	0.0017	0.0012	mg/Kg	☼	09/29/25 10:30	10/03/25 23:12	1
1,2,4-Trichlorobenzene	0.0017	U	0.0017	0.00061	mg/Kg	☼	09/29/25 10:30	10/03/25 23:12	1
1,2,4-Trimethylbenzene	0.0017	U	0.0017	0.00042	mg/Kg	☼	09/29/25 10:30	10/03/25 23:12	1
1,2-Dibromo-3-Chloropropane	0.0017	U	0.0017	0.00078	mg/Kg	☼	09/29/25 10:30	10/03/25 23:12	1
1,2-Dichlorobenzene	0.0017	U	0.0017	0.00061	mg/Kg	☼	09/29/25 10:30	10/03/25 23:12	1
1,2-Dichloroethane	0.0017	U	0.0017	0.00050	mg/Kg	☼	09/29/25 10:30	10/03/25 23:12	1
1,2-Dichloropropane	0.0017	U	0.0017	0.00072	mg/Kg	☼	09/29/25 10:30	10/03/25 23:12	1
1,3,5-Trimethylbenzene	0.0017	U	0.0017	0.00053	mg/Kg	☼	09/29/25 10:30	10/03/25 23:12	1
1,3-Dichlorobenzene	0.0017	U	0.0017	0.00062	mg/Kg	☼	09/29/25 10:30	10/03/25 23:12	1
1,4-Dichlorobenzene	0.0017	U	0.0017	0.00088	mg/Kg	☼	09/29/25 10:30	10/03/25 23:12	1
2-Butanone (MEK)	0.0085	U	0.0085	0.00062	mg/Kg	☼	09/29/25 10:30	10/03/25 23:12	1
2-Hexanone	0.0085	U	0.0085	0.0029	mg/Kg	☼	09/29/25 10:30	10/03/25 23:12	1
4-Methyl-2-pentanone (MIBK)	0.0085	U	0.0085	0.0026	mg/Kg	☼	09/29/25 10:30	10/03/25 23:12	1
Acetone	0.010	U	0.010	0.0097	mg/Kg	☼	09/29/25 10:30	10/03/25 23:12	1
Benzene	0.0017	U	0.0017	0.00096	mg/Kg	☼	09/29/25 10:30	10/03/25 23:12	1
Bromoform	0.0017	U	0.0017	0.00072	mg/Kg	☼	09/29/25 10:30	10/03/25 23:12	1
Bromomethane	0.0034	U	0.0034	0.0017	mg/Kg	☼	09/29/25 10:30	10/03/25 23:12	1
Carbon disulfide	0.0017	U	0.0017	0.00045	mg/Kg	☼	09/29/25 10:30	10/03/25 23:12	1
Carbon tetrachloride	0.0017	U	0.0017	0.00065	mg/Kg	☼	09/29/25 10:30	10/03/25 23:12	1
Chlorobenzene	0.0017	U	0.0017	0.00086	mg/Kg	☼	09/29/25 10:30	10/03/25 23:12	1
Chlorobromomethane	0.0017	U	0.0017	0.0010	mg/Kg	☼	09/29/25 10:30	10/03/25 23:12	1
Chlorodibromomethane	0.0017	U	0.0017	0.00091	mg/Kg	☼	09/29/25 10:30	10/03/25 23:12	1
Chloroethane	0.0017	U	0.0017	0.00088	mg/Kg	☼	09/29/25 10:30	10/03/25 23:12	1
Chloroform	0.0017	U	0.0017	0.0016	mg/Kg	☼	09/29/25 10:30	10/03/25 23:12	1
Chloromethane	0.0017	U	0.0017	0.00074	mg/Kg	☼	09/29/25 10:30	10/03/25 23:12	1
cis-1,2-Dichloroethene	0.0017	U	0.0017	0.00061	mg/Kg	☼	09/29/25 10:30	10/03/25 23:12	1
cis-1,3-Dichloropropene	0.0017	U	0.0017	0.00046	mg/Kg	☼	09/29/25 10:30	10/03/25 23:12	1
Cyclohexane	0.0017	U	0.0017	0.00037	mg/Kg	☼	09/29/25 10:30	10/03/25 23:12	1
Dichlorobromomethane	0.0017	U	0.0017	0.00043	mg/Kg	☼	09/29/25 10:30	10/03/25 23:12	1
Dichlorodifluoromethane	0.0017	U	0.0017	0.00057	mg/Kg	☼	09/29/25 10:30	10/03/25 23:12	1
Ethylbenzene	0.0017	U	0.0017	0.00079	mg/Kg	☼	09/29/25 10:30	10/03/25 23:12	1
Ethylene Dibromide	0.0017	U	0.0017	0.00085	mg/Kg	☼	09/29/25 10:30	10/03/25 23:12	1
Isopropylbenzene	0.0017	U	0.0017	0.00048	mg/Kg	☼	09/29/25 10:30	10/03/25 23:12	1
Methyl acetate	0.0085	U	0.0085	0.0073	mg/Kg	☼	09/29/25 10:30	10/03/25 23:12	1
Methyl tert-butyl ether	0.0017	U	0.0017	0.00087	mg/Kg	☼	09/29/25 10:30	10/03/25 23:12	1
Methylcyclohexane	0.0017	U	0.0017	0.00084	mg/Kg	☼	09/29/25 10:30	10/03/25 23:12	1
Methylene Chloride	**0.0031**	**J**	0.0034	0.0019	mg/Kg	☼	09/29/25 10:30	10/03/25 23:12	1
m-Xylene & p-Xylene	0.0017	U	0.0017	0.00072	mg/Kg	☼	09/29/25 10:30	10/03/25 23:12	1
n-Butylbenzene	0.0017	U	0.0017	0.00050	mg/Kg	☼	09/29/25 10:30	10/03/25 23:12	1
N-Propylbenzene	0.0017	U	0.0017	0.00076	mg/Kg	☼	09/29/25 10:30	10/03/25 23:12	1
o-Xylene	0.0017	U	0.0017	0.00078	mg/Kg	☼	09/29/25 10:30	10/03/25 23:12	1
sec-Butylbenzene	0.0017	U	0.0017	0.00049	mg/Kg	☼	09/29/25 10:30	10/03/25 23:12	1
Styrene	0.0017	U	0.0017	0.00047	mg/Kg	☼	09/29/25 10:30	10/03/25 23:12	1

Client Sample ID: 58J2_2-3

Lab Sample ID: 460-335806-85

Date Collected: 09/26/25 15:15
Matrix: Solid
Date Received: 09/26/25 16:20
Percent Solids: 95.0

Method: SW846 8260D - Volatile Organic Compounds by GC/MS (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
tert-Butylbenzene	0.0017	U	0.0017	0.00047	mg/Kg	☼	09/29/25 10:30	10/03/25 23:12	1
Tetrachloroethene	0.0017	U	0.0017	0.00052	mg/Kg	☼	09/29/25 10:30	10/03/25 23:12	1
Toluene	0.0017	U	0.0017	0.00040	mg/Kg	☼	09/29/25 10:30	10/03/25 23:12	1
trans-1,2-Dichloroethene	0.0017	U	0.0017	0.00042	mg/Kg	☼	09/29/25 10:30	10/03/25 23:12	1
trans-1,3-Dichloropropene	0.0017	U	0.0017	0.00045	mg/Kg	☼	09/29/25 10:30	10/03/25 23:12	1
Trichloroethene	0.0017	U	0.0017	0.00054	mg/Kg	☼	09/29/25 10:30	10/03/25 23:12	1
Trichlorofluoromethane	0.0017	U	0.0017	0.00069	mg/Kg	☼	09/29/25 10:30	10/03/25 23:12	1
Vinyl chloride	0.0017	U	0.0017	0.00092	mg/Kg	☼	09/29/25 10:30	10/03/25 23:12	1
Xylenes, Total	0.0034	U	0.0034	0.00029	mg/Kg	☼	09/29/25 10:30	10/03/25 23:12	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,2-Dichloroethane-d4 (Surr)	*112*		*65 - 138*	*09/29/25 10:30*	*10/03/25 23:12*	*1*
4-Bromofluorobenzene	*104*		*71 - 128*	*09/29/25 10:30*	*10/03/25 23:12*	*1*
Dibromofluoromethane (Surr)	*114*		*50 - 150*	*09/29/25 10:30*	*10/03/25 23:12*	*1*
Toluene-d8 (Surr)	*97*		*71 - 126*	*09/29/25 10:30*	*10/03/25 23:12*	*1*

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Percent Moisture (EPA Moisture)	**5.0**		1.0	1.0	%			09/28/25 21:11	1
Percent Solids (EPA Moisture)	**95.0**		1.0	1.0	%			09/28/25 21:11	1

Client Sample ID: 58J3_3-4

Lab Sample ID: 460-335806-86

Date Collected: 09/26/25 15:20
Matrix: Solid
Date Received: 09/26/25 16:20
Percent Solids: 87.9

Method: SW846 8260D - Volatile Organic Compounds by GC/MS

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1-Trichloroethane	0.0014	U	0.0014	0.00032	mg/Kg	☼	09/29/25 10:31	10/03/25 23:35	1
1,1,2,2-Tetrachloroethane	0.0014	U	0.0014	0.00071	mg/Kg	☼	09/29/25 10:31	10/03/25 23:35	1
1,1,2-Trichloro-1,2,2-trifluoroethane	0.0014	U	0.0014	0.00041	mg/Kg	☼	09/29/25 10:31	10/03/25 23:35	1
1,1,2-Trichloroethane	0.0014	U	0.0014	0.00082	mg/Kg	☼	09/29/25 10:31	10/03/25 23:35	1
1,1-Dichloroethane	0.0014	U	0.0014	0.00081	mg/Kg	☼	09/29/25 10:31	10/03/25 23:35	1
1,1-Dichloroethene	0.0014	U	0.0014	0.00031	mg/Kg	☼	09/29/25 10:31	10/03/25 23:35	1
1,2,3-Trichlorobenzene	0.0014	U	0.0014	0.0010	mg/Kg	☼	09/29/25 10:31	10/03/25 23:35	1
1,2,4-Trichlorobenzene	0.0014	U	0.0014	0.00049	mg/Kg	☼	09/29/25 10:31	10/03/25 23:35	1
1,2,4-Trimethylbenzene	0.0014	U	0.0014	0.00033	mg/Kg	☼	09/29/25 10:31	10/03/25 23:35	1
1,2-Dibromo-3-Chloropropane	0.0014	U	0.0014	0.00063	mg/Kg	☼	09/29/25 10:31	10/03/25 23:35	1
1,2-Dichlorobenzene	0.0014	U	0.0014	0.00049	mg/Kg	☼	09/29/25 10:31	10/03/25 23:35	1
1,2-Dichloroethane	0.0014	U	0.0014	0.00040	mg/Kg	☼	09/29/25 10:31	10/03/25 23:35	1
1,2-Dichloropropane	0.0014	U	0.0014	0.00058	mg/Kg	☼	09/29/25 10:31	10/03/25 23:35	1
1,3,5-Trimethylbenzene	0.0014	U	0.0014	0.00043	mg/Kg	☼	09/29/25 10:31	10/03/25 23:35	1
1,3-Dichlorobenzene	0.0014	U	0.0014	0.00050	mg/Kg	☼	09/29/25 10:31	10/03/25 23:35	1
1,4-Dichlorobenzene	0.0014	U	0.0014	0.00071	mg/Kg	☼	09/29/25 10:31	10/03/25 23:35	1
2-Butanone (MEK)	0.0068	U	0.0068	0.00050	mg/Kg	☼	09/29/25 10:31	10/03/25 23:35	1
2-Hexanone	0.0068	U	0.0068	0.0023	mg/Kg	☼	09/29/25 10:31	10/03/25 23:35	1
4-Methyl-2-pentanone (MIBK)	0.0068	U	0.0068	0.0021	mg/Kg	☼	09/29/25 10:31	10/03/25 23:35	1
Acetone	0.0082	U	0.0082	0.0078	mg/Kg	☼	09/29/25 10:31	10/03/25 23:35	1
Benzene	0.0014	U	0.0014	0.00077	mg/Kg	☼	09/29/25 10:31	10/03/25 23:35	1
Bromoform	0.0014	U	0.0014	0.00058	mg/Kg	☼	09/29/25 10:31	10/03/25 23:35	1
Bromomethane	0.0027	U	0.0027	0.0014	mg/Kg	☼	09/29/25 10:31	10/03/25 23:35	1

Client: Haley & Aldrich, Inc.
Project/Site: Former Port Mobil

Job ID: 460-335806-1

Client Sample ID: 58J3_3-4
Date Collected: 09/26/25 15:20
Date Received: 09/26/25 16:20

Lab Sample ID: 460-335806-86
Matrix: Solid
Percent Solids: 87.9

Method: SW846 8260D - Volatile Organic Compounds by GC/MS (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Carbon disulfide	0.0014	U	0.0014	0.00036	mg/Kg	☼	09/29/25 10:31	10/03/25 23:35	1
Carbon tetrachloride	0.0014	U	0.0014	0.00053	mg/Kg	☼	09/29/25 10:31	10/03/25 23:35	1
Chlorobenzene	0.0014	U	0.0014	0.00069	mg/Kg	☼	09/29/25 10:31	10/03/25 23:35	1
Chlorobromomethane	0.0014	U	0.0014	0.00081	mg/Kg	☼	09/29/25 10:31	10/03/25 23:35	1
Chlorodibromomethane	0.0014	U	0.0014	0.00073	mg/Kg	☼	09/29/25 10:31	10/03/25 23:35	1
Chloroethane	0.0014	U	0.0014	0.00071	mg/Kg	☼	09/29/25 10:31	10/03/25 23:35	1
Chloroform	0.0014	U	0.0014	0.0013	mg/Kg	☼	09/29/25 10:31	10/03/25 23:35	1
Chloromethane	0.0014	U	0.0014	0.00059	mg/Kg	☼	09/29/25 10:31	10/03/25 23:35	1
cis-1,2-Dichloroethene	0.0014	U	0.0014	0.00049	mg/Kg	☼	09/29/25 10:31	10/03/25 23:35	1
cis-1,3-Dichloropropene	0.0014	U	0.0014	0.00037	mg/Kg	☼	09/29/25 10:31	10/03/25 23:35	1
Cyclohexane	0.0014	U	0.0014	0.00030	mg/Kg	☼	09/29/25 10:31	10/03/25 23:35	1
Dichlorobromomethane	0.0014	U	0.0014	0.00035	mg/Kg	☼	09/29/25 10:31	10/03/25 23:35	1
Dichlorodifluoromethane	0.0014	U	0.0014	0.00046	mg/Kg	☼	09/29/25 10:31	10/03/25 23:35	1
Ethylbenzene	0.0014	U	0.0014	0.00064	mg/Kg	☼	09/29/25 10:31	10/03/25 23:35	1
Ethylene Dibromide	0.0014	U	0.0014	0.00069	mg/Kg	☼	09/29/25 10:31	10/03/25 23:35	1
Isopropylbenzene	0.0014	U	0.0014	0.00039	mg/Kg	☼	09/29/25 10:31	10/03/25 23:35	1
Methyl acetate	0.0068	U	0.0068	0.0059	mg/Kg	☼	09/29/25 10:31	10/03/25 23:35	1
Methyl tert-butyl ether	0.0014	U	0.0014	0.00070	mg/Kg	☼	09/29/25 10:31	10/03/25 23:35	1
Methylcyclohexane	0.0014	U	0.0014	0.00068	mg/Kg	☼	09/29/25 10:31	10/03/25 23:35	1
Methylene Chloride	**0.0043**		0.0027	0.0016	mg/Kg	☼	09/29/25 10:31	10/03/25 23:35	1
m-Xylene & p-Xylene	0.0014	U	0.0014	0.00058	mg/Kg	☼	09/29/25 10:31	10/03/25 23:35	1
n-Butylbenzene	0.0014	U	0.0014	0.00040	mg/Kg	☼	09/29/25 10:31	10/03/25 23:35	1
N-Propylbenzene	0.0014	U	0.0014	0.00061	mg/Kg	☼	09/29/25 10:31	10/03/25 23:35	1
o-Xylene	0.0014	U	0.0014	0.00063	mg/Kg	☼	09/29/25 10:31	10/03/25 23:35	1
sec-Butylbenzene	0.0014	U	0.0014	0.00039	mg/Kg	☼	09/29/25 10:31	10/03/25 23:35	1
Styrene	0.0014	U	0.0014	0.00038	mg/Kg	☼	09/29/25 10:31	10/03/25 23:35	1
tert-Butylbenzene	0.0014	U	0.0014	0.00038	mg/Kg	☼	09/29/25 10:31	10/03/25 23:35	1
Tetrachloroethene	0.0014	U	0.0014	0.00042	mg/Kg	☼	09/29/25 10:31	10/03/25 23:35	1
Toluene	0.0014	U	0.0014	0.00032	mg/Kg	☼	09/29/25 10:31	10/03/25 23:35	1
trans-1,2-Dichloroethene	0.0014	U	0.0014	0.00033	mg/Kg	☼	09/29/25 10:31	10/03/25 23:35	1
trans-1,3-Dichloropropene	0.0014	U	0.0014	0.00036	mg/Kg	☼	09/29/25 10:31	10/03/25 23:35	1
Trichloroethene	0.0014	U	0.0014	0.00044	mg/Kg	☼	09/29/25 10:31	10/03/25 23:35	1
Trichlorofluoromethane	0.0014	U	0.0014	0.00055	mg/Kg	☼	09/29/25 10:31	10/03/25 23:35	1
Vinyl chloride	0.0014	U	0.0014	0.00074	mg/Kg	☼	09/29/25 10:31	10/03/25 23:35	1
Xylenes, Total	0.0027	U	0.0027	0.00024	mg/Kg	☼	09/29/25 10:31	10/03/25 23:35	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,2-Dichloroethane-d4 (Surr)	*115*		*65 - 138*	*09/29/25 10:31*	*10/03/25 23:35*	*1*
4-Bromofluorobenzene	*101*		*71 - 128*	*09/29/25 10:31*	*10/03/25 23:35*	*1*
Dibromofluoromethane (Surr)	*115*		*50 - 150*	*09/29/25 10:31*	*10/03/25 23:35*	*1*
Toluene-d8 (Surr)	*97*		*71 - 126*	*09/29/25 10:31*	*10/03/25 23:35*	*1*

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Percent Moisture (EPA Moisture)	**12.1**		1.0	1.0	%			09/28/25 21:11	1
Percent Solids (EPA Moisture)	**87.9**		1.0	1.0	%			09/28/25 21:11	1

Client: Haley & Aldrich, Inc.
Project/Site: Former Port Mobil

Job ID: 460-335806-1

Client Sample ID: 58J1_5-6
Date Collected: 09/26/25 15:25
Date Received: 09/26/25 16:20

Lab Sample ID: 460-335806-87
Matrix: Solid
Percent Solids: 95.2

Method: SW846 8260D - Volatile Organic Compounds by GC/MS

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1-Trichloroethane	0.0018	U	0.0018	0.00043	mg/Kg	☼	09/29/25 10:31	10/03/25 23:58	1
1,1,2,2-Tetrachloroethane	0.0018	U	0.0018	0.00096	mg/Kg	☼	09/29/25 10:31	10/03/25 23:58	1
1,1,2-Trichloro-1,2,2-trifluoroethane	0.0018	U	0.0018	0.00055	mg/Kg	☼	09/29/25 10:31	10/03/25 23:58	1
1,1,2-Trichloroethane	0.0018	U	0.0018	0.0011	mg/Kg	☼	09/29/25 10:31	10/03/25 23:58	1
1,1-Dichloroethane	0.0018	U	0.0018	0.0011	mg/Kg	☼	09/29/25 10:31	10/03/25 23:58	1
1,1-Dichloroethene	0.0018	U	0.0018	0.00041	mg/Kg	☼	09/29/25 10:31	10/03/25 23:58	1
1,2,3-Trichlorobenzene	0.0018	U	0.0018	0.0014	mg/Kg	☼	09/29/25 10:31	10/03/25 23:58	1
1,2,4-Trichlorobenzene	0.0018	U	0.0018	0.00066	mg/Kg	☼	09/29/25 10:31	10/03/25 23:58	1
1,2,4-Trimethylbenzene	0.0018	U	0.0018	0.00045	mg/Kg	☼	09/29/25 10:31	10/03/25 23:58	1
1,2-Dibromo-3-Chloropropane	0.0018	U	0.0018	0.00084	mg/Kg	☼	09/29/25 10:31	10/03/25 23:58	1
1,2-Dichlorobenzene	0.0018	U	0.0018	0.00066	mg/Kg	☼	09/29/25 10:31	10/03/25 23:58	1
1,2-Dichloroethane	0.0018	U	0.0018	0.00054	mg/Kg	☼	09/29/25 10:31	10/03/25 23:58	1
1,2-Dichloropropane	0.0018	U	0.0018	0.00078	mg/Kg	☼	09/29/25 10:31	10/03/25 23:58	1
1,3,5-Trimethylbenzene	0.0018	U	0.0018	0.00058	mg/Kg	☼	09/29/25 10:31	10/03/25 23:58	1
1,3-Dichlorobenzene	0.0018	U	0.0018	0.00067	mg/Kg	☼	09/29/25 10:31	10/03/25 23:58	1
1,4-Dichlorobenzene	0.0018	U	0.0018	0.00095	mg/Kg	☼	09/29/25 10:31	10/03/25 23:58	1
2-Butanone (MEK)	0.0092	U	0.0092	0.00068	mg/Kg	☼	09/29/25 10:31	10/03/25 23:58	1
2-Hexanone	0.0092	U	0.0092	0.0031	mg/Kg	☼	09/29/25 10:31	10/03/25 23:58	1
4-Methyl-2-pentanone (MIBK)	0.0092	U	0.0092	0.0029	mg/Kg	☼	09/29/25 10:31	10/03/25 23:58	1
Acetone	0.011	U	0.011	0.010	mg/Kg	☼	09/29/25 10:31	10/03/25 23:58	1
Benzene	0.0018	U	0.0018	0.0010	mg/Kg	☼	09/29/25 10:31	10/03/25 23:58	1
Bromoform	0.0018	U	0.0018	0.00078	mg/Kg	☼	09/29/25 10:31	10/03/25 23:58	1
Bromomethane	0.0037	U	0.0037	0.0018	mg/Kg	☼	09/29/25 10:31	10/03/25 23:58	1
Carbon disulfide	0.0018	U	0.0018	0.00049	mg/Kg	☼	09/29/25 10:31	10/03/25 23:58	1
Carbon tetrachloride	0.0018	U	0.0018	0.00071	mg/Kg	☼	09/29/25 10:31	10/03/25 23:58	1
Chlorobenzene	0.0018	U	0.0018	0.00093	mg/Kg	☼	09/29/25 10:31	10/03/25 23:58	1
Chlorobromomethane	0.0018	U	0.0018	0.0011	mg/Kg	☼	09/29/25 10:31	10/03/25 23:58	1
Chlorodibromomethane	0.0018	U	0.0018	0.00099	mg/Kg	☼	09/29/25 10:31	10/03/25 23:58	1
Chloroethane	0.0018	U	0.0018	0.00096	mg/Kg	☼	09/29/25 10:31	10/03/25 23:58	1
Chloroform	0.0018	U	0.0018	0.0018	mg/Kg	☼	09/29/25 10:31	10/03/25 23:58	1
Chloromethane	0.0018	U	0.0018	0.00080	mg/Kg	☼	09/29/25 10:31	10/03/25 23:58	1
cis-1,2-Dichloroethene	0.0018	U	0.0018	0.00066	mg/Kg	☼	09/29/25 10:31	10/03/25 23:58	1
cis-1,3-Dichloropropene	0.0018	U	0.0018	0.00050	mg/Kg	☼	09/29/25 10:31	10/03/25 23:58	1
Cyclohexane	0.0018	U	0.0018	0.00041	mg/Kg	☼	09/29/25 10:31	10/03/25 23:58	1
Dichlorobromomethane	0.0018	U	0.0018	0.00047	mg/Kg	☼	09/29/25 10:31	10/03/25 23:58	1
Dichlorodifluoromethane	0.0018	U	0.0018	0.00062	mg/Kg	☼	09/29/25 10:31	10/03/25 23:58	1
Ethylbenzene	0.0018	U	0.0018	0.00086	mg/Kg	☼	09/29/25 10:31	10/03/25 23:58	1
Ethylene Dibromide	0.0018	U	0.0018	0.00093	mg/Kg	☼	09/29/25 10:31	10/03/25 23:58	1
Isopropylbenzene	0.0018	U	0.0018	0.00052	mg/Kg	☼	09/29/25 10:31	10/03/25 23:58	1
Methyl acetate	0.0092	U	0.0092	0.0079	mg/Kg	☼	09/29/25 10:31	10/03/25 23:58	1
Methyl tert-butyl ether	0.0018	U	0.0018	0.00094	mg/Kg	☼	09/29/25 10:31	10/03/25 23:58	1
Methylcyclohexane	0.0018	U	0.0018	0.00092	mg/Kg	☼	09/29/25 10:31	10/03/25 23:58	1
Methylene Chloride	**0.0035**	**J**	0.0037	0.0021	mg/Kg	☼	09/29/25 10:31	10/03/25 23:58	1
m-Xylene & p-Xylene	0.0018	U	0.0018	0.00078	mg/Kg	☼	09/29/25 10:31	10/03/25 23:58	1
n-Butylbenzene	0.0018	U	0.0018	0.00054	mg/Kg	☼	09/29/25 10:31	10/03/25 23:58	1
N-Propylbenzene	0.0018	U	0.0018	0.00082	mg/Kg	☼	09/29/25 10:31	10/03/25 23:58	1
o-Xylene	0.0018	U	0.0018	0.00085	mg/Kg	☼	09/29/25 10:31	10/03/25 23:58	1
sec-Butylbenzene	0.0018	U	0.0018	0.00053	mg/Kg	☼	09/29/25 10:31	10/03/25 23:58	1
Styrene	0.0018	U	0.0018	0.00051	mg/Kg	☼	09/29/25 10:31	10/03/25 23:58	1

Client Sample ID: 58J1_5-6

Lab Sample ID: 460-335806-87

Date Collected: 09/26/25 15:25
Matrix: Solid
Date Received: 09/26/25 16:20
Percent Solids: 95.2

Method: SW846 8260D - Volatile Organic Compounds by GC/MS (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
tert-Butylbenzene	0.0018	U	0.0018	0.00051	mg/Kg	☼	09/29/25 10:31	10/03/25 23:58	1
Tetrachloroethene	0.0018	U	0.0018	0.00056	mg/Kg	☼	09/29/25 10:31	10/03/25 23:58	1
Toluene	0.0018	U	0.0018	0.00043	mg/Kg	☼	09/29/25 10:31	10/03/25 23:58	1
trans-1,2-Dichloroethene	0.0018	U	0.0018	0.00045	mg/Kg	☼	09/29/25 10:31	10/03/25 23:58	1
trans-1,3-Dichloropropene	0.0018	U	0.0018	0.00049	mg/Kg	☼	09/29/25 10:31	10/03/25 23:58	1
Trichloroethene	0.0018	U	0.0018	0.00059	mg/Kg	☼	09/29/25 10:31	10/03/25 23:58	1
Trichlorofluoromethane	0.0018	U	0.0018	0.00075	mg/Kg	☼	09/29/25 10:31	10/03/25 23:58	1
Vinyl chloride	0.0018	U	0.0018	0.0010	mg/Kg	☼	09/29/25 10:31	10/03/25 23:58	1
Xylenes, Total	0.0037	U	0.0037	0.00032	mg/Kg	☼	09/29/25 10:31	10/03/25 23:58	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,2-Dichloroethane-d4 (Surr)	*114*		*65 - 138*	*09/29/25 10:31*	*10/03/25 23:58*	*1*
4-Bromofluorobenzene	*103*		*71 - 128*	*09/29/25 10:31*	*10/03/25 23:58*	*1*
Dibromofluoromethane (Surr)	*117*		*50 - 150*	*09/29/25 10:31*	*10/03/25 23:58*	*1*
Toluene-d8 (Surr)	*97*		*71 - 126*	*09/29/25 10:31*	*10/03/25 23:58*	*1*

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Percent Moisture (EPA Moisture)	**4.8**		1.0	1.0	%			09/28/25 21:11	1
Percent Solids (EPA Moisture)	**95.2**		1.0	1.0	%			09/28/25 21:11	1

Client Sample ID: 58J2_6-7

Lab Sample ID: 460-335806-88

Date Collected: 09/26/25 15:30
Matrix: Solid
Date Received: 09/26/25 16:20
Percent Solids: 91.8

Method: SW846 8260D - Volatile Organic Compounds by GC/MS

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1-Trichloroethane	0.0016	U	0.0016	0.00037	mg/Kg	☼	09/29/25 10:31	10/04/25 00:21	1
1,1,2,2-Tetrachloroethane	0.0016	U	0.0016	0.00083	mg/Kg	☼	09/29/25 10:31	10/04/25 00:21	1
1,1,2-Trichloro-1,2,2-trifluoroethane	0.0016	U	0.0016	0.00048	mg/Kg	☼	09/29/25 10:31	10/04/25 00:21	1
1,1,2-Trichloroethane	0.0016	U	0.0016	0.00096	mg/Kg	☼	09/29/25 10:31	10/04/25 00:21	1
1,1-Dichloroethane	0.0016	U	0.0016	0.00095	mg/Kg	☼	09/29/25 10:31	10/04/25 00:21	1
1,1-Dichloroethene	0.0016	U	0.0016	0.00036	mg/Kg	☼	09/29/25 10:31	10/04/25 00:21	1
1,2,3-Trichlorobenzene	0.0016	U	0.0016	0.0012	mg/Kg	☼	09/29/25 10:31	10/04/25 00:21	1
1,2,4-Trichlorobenzene	0.0016	U	0.0016	0.00057	mg/Kg	☼	09/29/25 10:31	10/04/25 00:21	1
1,2,4-Trimethylbenzene	0.0016	U	0.0016	0.00039	mg/Kg	☼	09/29/25 10:31	10/04/25 00:21	1
1,2-Dibromo-3-Chloropropane	0.0016	U	0.0016	0.00073	mg/Kg	☼	09/29/25 10:31	10/04/25 00:21	1
1,2-Dichlorobenzene	0.0016	U	0.0016	0.00058	mg/Kg	☼	09/29/25 10:31	10/04/25 00:21	1
1,2-Dichloroethane	0.0016	U	0.0016	0.00047	mg/Kg	☼	09/29/25 10:31	10/04/25 00:21	1
1,2-Dichloropropane	0.0016	U	0.0016	0.00067	mg/Kg	☼	09/29/25 10:31	10/04/25 00:21	1
1,3,5-Trimethylbenzene	0.0016	U	0.0016	0.00050	mg/Kg	☼	09/29/25 10:31	10/04/25 00:21	1
1,3-Dichlorobenzene	0.0016	U	0.0016	0.00058	mg/Kg	☼	09/29/25 10:31	10/04/25 00:21	1
1,4-Dichlorobenzene	0.0016	U	0.0016	0.00083	mg/Kg	☼	09/29/25 10:31	10/04/25 00:21	1
2-Butanone (MEK)	0.0080	U	0.0080	0.00059	mg/Kg	☼	09/29/25 10:31	10/04/25 00:21	1
2-Hexanone	0.0080	U	0.0080	0.0027	mg/Kg	☼	09/29/25 10:31	10/04/25 00:21	1
4-Methyl-2-pentanone (MIBK)	0.0080	U	0.0080	0.0025	mg/Kg	☼	09/29/25 10:31	10/04/25 00:21	1
Acetone	0.0096	U	0.0096	0.0091	mg/Kg	☼	09/29/25 10:31	10/04/25 00:21	1
Benzene	0.0016	U	0.0016	0.00090	mg/Kg	☼	09/29/25 10:31	10/04/25 00:21	1
Bromoform	0.0016	U	0.0016	0.00068	mg/Kg	☼	09/29/25 10:31	10/04/25 00:21	1
Bromomethane	0.0032	U	0.0032	0.0016	mg/Kg	☼	09/29/25 10:31	10/04/25 00:21	1

Client Sample ID: 58J2_6-7
Date Collected: 09/26/25 15:30
Date Received: 09/26/25 16:20

Lab Sample ID: 460-335806-88
Matrix: Solid
Percent Solids: 91.8

Method: SW846 8260D - Volatile Organic Compounds by GC/MS (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Carbon disulfide	0.0016	U	0.0016	0.00042	mg/Kg	☼	09/29/25 10:31	10/04/25 00:21	1
Carbon tetrachloride	0.0016	U	0.0016	0.00062	mg/Kg	☼	09/29/25 10:31	10/04/25 00:21	1
Chlorobenzene	0.0016	U	0.0016	0.00081	mg/Kg	☼	09/29/25 10:31	10/04/25 00:21	1
Chlorobromomethane	0.0016	U	0.0016	0.00095	mg/Kg	☼	09/29/25 10:31	10/04/25 00:21	1
Chlorodibromomethane	0.0016	U	0.0016	0.00086	mg/Kg	☼	09/29/25 10:31	10/04/25 00:21	1
Chloroethane	0.0016	U	0.0016	0.00083	mg/Kg	☼	09/29/25 10:31	10/04/25 00:21	1
Chloroform	0.0016	U	0.0016	0.0015	mg/Kg	☼	09/29/25 10:31	10/04/25 00:21	1
Chloromethane	0.0016	U	0.0016	0.00069	mg/Kg	☼	09/29/25 10:31	10/04/25 00:21	1
cis-1,2-Dichloroethene	0.0016	U	0.0016	0.00057	mg/Kg	☼	09/29/25 10:31	10/04/25 00:21	1
cis-1,3-Dichloropropene	0.0016	U	0.0016	0.00044	mg/Kg	☼	09/29/25 10:31	10/04/25 00:21	1
Cyclohexane	0.0016	U	0.0016	0.00035	mg/Kg	☼	09/29/25 10:31	10/04/25 00:21	1
Dichlorobromomethane	0.0016	U	0.0016	0.00041	mg/Kg	☼	09/29/25 10:31	10/04/25 00:21	1
Dichlorodifluoromethane	0.0016	U	0.0016	0.00054	mg/Kg	☼	09/29/25 10:31	10/04/25 00:21	1
Ethylbenzene	0.0016	U	0.0016	0.00075	mg/Kg	☼	09/29/25 10:31	10/04/25 00:21	1
Ethylene Dibromide	0.0016	U	0.0016	0.00080	mg/Kg	☼	09/29/25 10:31	10/04/25 00:21	1
Isopropylbenzene	0.0016	U	0.0016	0.00045	mg/Kg	☼	09/29/25 10:31	10/04/25 00:21	1
Methyl acetate	0.0080	U	0.0080	0.0069	mg/Kg	☼	09/29/25 10:31	10/04/25 00:21	1
Methyl tert-butyl ether	0.0016	U	0.0016	0.00082	mg/Kg	☼	09/29/25 10:31	10/04/25 00:21	1
Methylcyclohexane	0.0016	U	0.0016	0.00080	mg/Kg	☼	09/29/25 10:31	10/04/25 00:21	1
Methylene Chloride	**0.0059**		0.0032	0.0018	mg/Kg	☼	09/29/25 10:31	10/04/25 00:21	1
m-Xylene & p-Xylene	0.0016	U	0.0016	0.00067	mg/Kg	☼	09/29/25 10:31	10/04/25 00:21	1
n-Butylbenzene	0.0016	U	0.0016	0.00047	mg/Kg	☼	09/29/25 10:31	10/04/25 00:21	1
N-Propylbenzene	0.0016	U	0.0016	0.00072	mg/Kg	☼	09/29/25 10:31	10/04/25 00:21	1
o-Xylene	0.0016	U	0.0016	0.00073	mg/Kg	☼	09/29/25 10:31	10/04/25 00:21	1
sec-Butylbenzene	0.0016	U	0.0016	0.00046	mg/Kg	☼	09/29/25 10:31	10/04/25 00:21	1
Styrene	0.0016	U	0.0016	0.00044	mg/Kg	☼	09/29/25 10:31	10/04/25 00:21	1
tert-Butylbenzene	0.0016	U	0.0016	0.00044	mg/Kg	☼	09/29/25 10:31	10/04/25 00:21	1
Tetrachloroethene	0.0016	U	0.0016	0.00049	mg/Kg	☼	09/29/25 10:31	10/04/25 00:21	1
Toluene	0.0016	U	0.0016	0.00037	mg/Kg	☼	09/29/25 10:31	10/04/25 00:21	1
trans-1,2-Dichloroethene	0.0016	U	0.0016	0.00039	mg/Kg	☼	09/29/25 10:31	10/04/25 00:21	1
trans-1,3-Dichloropropene	0.0016	U	0.0016	0.00042	mg/Kg	☼	09/29/25 10:31	10/04/25 00:21	1
Trichloroethene	0.0016	U	0.0016	0.00051	mg/Kg	☼	09/29/25 10:31	10/04/25 00:21	1
Trichlorofluoromethane	0.0016	U	0.0016	0.00065	mg/Kg	☼	09/29/25 10:31	10/04/25 00:21	1
Vinyl chloride	0.0016	U	0.0016	0.00087	mg/Kg	☼	09/29/25 10:31	10/04/25 00:21	1
Xylenes, Total	0.0032	U	0.0032	0.00028	mg/Kg	☼	09/29/25 10:31	10/04/25 00:21	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,2-Dichloroethane-d4 (Surr)	*114*		*65 - 138*	*09/29/25 10:31*	*10/04/25 00:21*	*1*
4-Bromofluorobenzene	*101*		*71 - 128*	*09/29/25 10:31*	*10/04/25 00:21*	*1*
Dibromofluoromethane (Surr)	*113*		*50 - 150*	*09/29/25 10:31*	*10/04/25 00:21*	*1*
Toluene-d8 (Surr)	*97*		*71 - 126*	*09/29/25 10:31*	*10/04/25 00:21*	*1*

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Percent Moisture (EPA Moisture)	**8.1**		1.0	1.0	%			09/28/25 21:11	1
Percent Solids (EPA Moisture)	**91.9**		1.0	1.0	%			09/28/25 21:11	1

Client: Haley & Aldrich, Inc.
Project/Site: Former Port Mobil

Job ID: 460-335806-1

Client Sample ID: 58J3_7-8
Date Collected: 09/26/25 15:35
Date Received: 09/26/25 16:20

Lab Sample ID: 460-335806-89
Matrix: Solid
Percent Solids: 90.5

Method: SW846 8260D - Volatile Organic Compounds by GC/MS

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1-Trichloroethane	0.0012	U	0.0012	0.00027	mg/Kg	☼	09/29/25 10:32	10/04/25 00:44	1
1,1,2,2-Tetrachloroethane	0.0012	U	0.0012	0.00060	mg/Kg	☼	09/29/25 10:32	10/04/25 00:44	1
1,1,2-Trichloro-1,2,2-trifluoroethane	0.0012	U	0.0012	0.00035	mg/Kg	☼	09/29/25 10:32	10/04/25 00:44	1
1,1,2-Trichloroethane	0.0012	U	0.0012	0.00070	mg/Kg	☼	09/29/25 10:32	10/04/25 00:44	1
1,1-Dichloroethane	0.0012	U	0.0012	0.00069	mg/Kg	☼	09/29/25 10:32	10/04/25 00:44	1
1,1-Dichloroethene	0.0012	U	0.0012	0.00026	mg/Kg	☼	09/29/25 10:32	10/04/25 00:44	1
1,2,3-Trichlorobenzene	0.0012	U	0.0012	0.00085	mg/Kg	☼	09/29/25 10:32	10/04/25 00:44	1
1,2,4-Trichlorobenzene	0.0012	U	0.0012	0.00041	mg/Kg	☼	09/29/25 10:32	10/04/25 00:44	1
1,2,4-Trimethylbenzene	0.0012	U	0.0012	0.00028	mg/Kg	☼	09/29/25 10:32	10/04/25 00:44	1
1,2-Dibromo-3-Chloropropane	0.0012	U	0.0012	0.00053	mg/Kg	☼	09/29/25 10:32	10/04/25 00:44	1
1,2-Dichlorobenzene	0.0012	U	0.0012	0.00042	mg/Kg	☼	09/29/25 10:32	10/04/25 00:44	1
1,2-Dichloroethane	0.0012	U	0.0012	0.00034	mg/Kg	☼	09/29/25 10:32	10/04/25 00:44	1
1,2-Dichloropropane	0.0012	U	0.0012	0.00049	mg/Kg	☼	09/29/25 10:32	10/04/25 00:44	1
1,3,5-Trimethylbenzene	0.0012	U	0.0012	0.00036	mg/Kg	☼	09/29/25 10:32	10/04/25 00:44	1
1,3-Dichlorobenzene	0.0012	U	0.0012	0.00042	mg/Kg	☼	09/29/25 10:32	10/04/25 00:44	1
1,4-Dichlorobenzene	0.0012	U	0.0012	0.00060	mg/Kg	☼	09/29/25 10:32	10/04/25 00:44	1
2-Butanone (MEK)	0.0058	U	0.0058	0.00043	mg/Kg	☼	09/29/25 10:32	10/04/25 00:44	1
2-Hexanone	0.0058	U	0.0058	0.0020	mg/Kg	☼	09/29/25 10:32	10/04/25 00:44	1
4-Methyl-2-pentanone (MIBK)	0.0058	U	0.0058	0.0018	mg/Kg	☼	09/29/25 10:32	10/04/25 00:44	1
Acetone	0.0069	U	0.0069	0.0066	mg/Kg	☼	09/29/25 10:32	10/04/25 00:44	1
Benzene	0.0012	U	0.0012	0.00066	mg/Kg	☼	09/29/25 10:32	10/04/25 00:44	1
Bromoform	0.0012	U	0.0012	0.00049	mg/Kg	☼	09/29/25 10:32	10/04/25 00:44	1
Bromomethane	0.0023	U	0.0023	0.0012	mg/Kg	☼	09/29/25 10:32	10/04/25 00:44	1
Carbon disulfide	0.0012	U	0.0012	0.00031	mg/Kg	☼	09/29/25 10:32	10/04/25 00:44	1
Carbon tetrachloride	0.0012	U	0.0012	0.00045	mg/Kg	☼	09/29/25 10:32	10/04/25 00:44	1
Chlorobenzene	0.0012	U	0.0012	0.00059	mg/Kg	☼	09/29/25 10:32	10/04/25 00:44	1
Chlorobromomethane	0.0012	U	0.0012	0.00069	mg/Kg	☼	09/29/25 10:32	10/04/25 00:44	1
Chlorodibromomethane	0.0012	U	0.0012	0.00062	mg/Kg	☼	09/29/25 10:32	10/04/25 00:44	1
Chloroethane	0.0012	U	0.0012	0.00060	mg/Kg	☼	09/29/25 10:32	10/04/25 00:44	1
Chloroform	0.0012	U	0.0012	0.0011	mg/Kg	☼	09/29/25 10:32	10/04/25 00:44	1
Chloromethane	0.0012	U	0.0012	0.00050	mg/Kg	☼	09/29/25 10:32	10/04/25 00:44	1
cis-1,2-Dichloroethene	0.0012	U	0.0012	0.00041	mg/Kg	☼	09/29/25 10:32	10/04/25 00:44	1
cis-1,3-Dichloropropene	0.0012	U	0.0012	0.00032	mg/Kg	☼	09/29/25 10:32	10/04/25 00:44	1
Cyclohexane	0.0012	U	0.0012	0.00026	mg/Kg	☼	09/29/25 10:32	10/04/25 00:44	1
Dichlorobromomethane	0.0012	U	0.0012	0.00030	mg/Kg	☼	09/29/25 10:32	10/04/25 00:44	1
Dichlorodifluoromethane	0.0012	U	0.0012	0.00039	mg/Kg	☼	09/29/25 10:32	10/04/25 00:44	1
Ethylbenzene	0.0012	U	0.0012	0.00054	mg/Kg	☼	09/29/25 10:32	10/04/25 00:44	1
Ethylene Dibromide	0.0012	U	0.0012	0.00058	mg/Kg	☼	09/29/25 10:32	10/04/25 00:44	1
Isopropylbenzene	0.0012	U	0.0012	0.00033	mg/Kg	☼	09/29/25 10:32	10/04/25 00:44	1
Methyl acetate	0.0058	U	0.0058	0.0050	mg/Kg	☼	09/29/25 10:32	10/04/25 00:44	1
Methyl tert-butyl ether	0.0012	U	0.0012	0.00059	mg/Kg	☼	09/29/25 10:32	10/04/25 00:44	1
Methylcyclohexane	0.0012	U	0.0012	0.00058	mg/Kg	☼	09/29/25 10:32	10/04/25 00:44	1
Methylene Chloride	**0.0030**		0.0023	0.0013	mg/Kg	☼	09/29/25 10:32	10/04/25 00:44	1
m-Xylene & p-Xylene	0.0012	U	0.0012	0.00049	mg/Kg	☼	09/29/25 10:32	10/04/25 00:44	1
n-Butylbenzene	0.0012	U	0.0012	0.00034	mg/Kg	☼	09/29/25 10:32	10/04/25 00:44	1
N-Propylbenzene	0.0012	U	0.0012	0.00052	mg/Kg	☼	09/29/25 10:32	10/04/25 00:44	1
o-Xylene	0.0012	U	0.0012	0.00053	mg/Kg	☼	09/29/25 10:32	10/04/25 00:44	1
sec-Butylbenzene	0.0012	U	0.0012	0.00033	mg/Kg	☼	09/29/25 10:32	10/04/25 00:44	1
Styrene	0.0012	U	0.0012	0.00032	mg/Kg	☼	09/29/25 10:32	10/04/25 00:44	1

Client Sample ID: 58J3_7-8

Lab Sample ID: 460-335806-89

Date Collected: 09/26/25 15:35
Matrix: Solid
Date Received: 09/26/25 16:20
Percent Solids: 90.5

Method: SW846 8260D - Volatile Organic Compounds by GC/MS (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
tert-Butylbenzene	0.0012	U	0.0012	0.00032	mg/Kg	☼	09/29/25 10:32	10/04/25 00:44	1
Tetrachloroethene	0.0012	U	0.0012	0.00035	mg/Kg	☼	09/29/25 10:32	10/04/25 00:44	1
Toluene	0.0012	U	0.0012	0.00027	mg/Kg	☼	09/29/25 10:32	10/04/25 00:44	1
trans-1,2-Dichloroethene	0.0012	U	0.0012	0.00028	mg/Kg	☼	09/29/25 10:32	10/04/25 00:44	1
trans-1,3-Dichloropropene	0.0012	U	0.0012	0.00031	mg/Kg	☼	09/29/25 10:32	10/04/25 00:44	1
Trichloroethene	0.0012	U	0.0012	0.00037	mg/Kg	☼	09/29/25 10:32	10/04/25 00:44	1
Trichlorofluoromethane	0.0012	U	0.0012	0.00047	mg/Kg	☼	09/29/25 10:32	10/04/25 00:44	1
Vinyl chloride	0.0012	U	0.0012	0.00063	mg/Kg	☼	09/29/25 10:32	10/04/25 00:44	1
Xylenes, Total	0.0023	U	0.0023	0.00020	mg/Kg	☼	09/29/25 10:32	10/04/25 00:44	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,2-Dichloroethane-d4 (Surr)	*112*		*65 - 138*	*09/29/25 10:32*	*10/04/25 00:44*	*1*
4-Bromofluorobenzene	*100*		*71 - 128*	*09/29/25 10:32*	*10/04/25 00:44*	*1*
Dibromofluoromethane (Surr)	*113*		*50 - 150*	*09/29/25 10:32*	*10/04/25 00:44*	*1*
Toluene-d8 (Surr)	*96*		*71 - 126*	*09/29/25 10:32*	*10/04/25 00:44*	*1*

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Percent Moisture (EPA Moisture)	**9.5**		1.0	1.0	%			09/28/25 21:11	1
Percent Solids (EPA Moisture)	**90.5**		1.0	1.0	%			09/28/25 21:11	1

Client Sample ID: 58J1_8-9

Lab Sample ID: 460-335806-90

Date Collected: 09/26/25 15:40
Matrix: Solid
Date Received: 09/26/25 16:20
Percent Solids: 89.0

Method: SW846 8260D - Volatile Organic Compounds by GC/MS

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1-Trichloroethane	0.0010	U	0.0010	0.00024	mg/Kg	☼	09/29/25 10:32	10/04/25 01:07	1
1,1,2,2-Tetrachloroethane	0.0010	U	0.0010	0.00055	mg/Kg	☼	09/29/25 10:32	10/04/25 01:07	1
1,1,2-Trichloro-1,2,2-trifluoroethane	0.0010	U	0.0010	0.00032	mg/Kg	☼	09/29/25 10:32	10/04/25 01:07	1
1,1,2-Trichloroethane	0.0010	U	0.0010	0.00063	mg/Kg	☼	09/29/25 10:32	10/04/25 01:07	1
1,1-Dichloroethane	0.0010	U	0.0010	0.00063	mg/Kg	☼	09/29/25 10:32	10/04/25 01:07	1
1,1-Dichloroethene	0.0010	U	0.0010	0.00024	mg/Kg	☼	09/29/25 10:32	10/04/25 01:07	1
1,2,3-Trichlorobenzene	0.0010	U	0.0010	0.00077	mg/Kg	☼	09/29/25 10:32	10/04/25 01:07	1
1,2,4-Trichlorobenzene	0.0010	U	0.0010	0.00038	mg/Kg	☼	09/29/25 10:32	10/04/25 01:07	1
1,2,4-Trimethylbenzene	0.0010	U	0.0010	0.00026	mg/Kg	☼	09/29/25 10:32	10/04/25 01:07	1
1,2-Dibromo-3-Chloropropane	0.0010	U	0.0010	0.00048	mg/Kg	☼	09/29/25 10:32	10/04/25 01:07	1
1,2-Dichlorobenzene	0.0010	U	0.0010	0.00038	mg/Kg	☼	09/29/25 10:32	10/04/25 01:07	1
1,2-Dichloroethane	0.0010	U	0.0010	0.00031	mg/Kg	☼	09/29/25 10:32	10/04/25 01:07	1
1,2-Dichloropropane	0.0010	U	0.0010	0.00044	mg/Kg	☼	09/29/25 10:32	10/04/25 01:07	1
1,3,5-Trimethylbenzene	0.0010	U	0.0010	0.00033	mg/Kg	☼	09/29/25 10:32	10/04/25 01:07	1
1,3-Dichlorobenzene	0.0010	U	0.0010	0.00038	mg/Kg	☼	09/29/25 10:32	10/04/25 01:07	1
1,4-Dichlorobenzene	0.0010	U	0.0010	0.00054	mg/Kg	☼	09/29/25 10:32	10/04/25 01:07	1
2-Butanone (MEK)	0.0052	U	0.0052	0.00039	mg/Kg	☼	09/29/25 10:32	10/04/25 01:07	1
2-Hexanone	0.0052	U	0.0052	0.0018	mg/Kg	☼	09/29/25 10:32	10/04/25 01:07	1
4-Methyl-2-pentanone (MIBK)	0.0052	U	0.0052	0.0016	mg/Kg	☼	09/29/25 10:32	10/04/25 01:07	1
Acetone	0.0063	U	0.0063	0.0060	mg/Kg	☼	09/29/25 10:32	10/04/25 01:07	1
Benzene	0.0010	U	0.0010	0.00059	mg/Kg	☼	09/29/25 10:32	10/04/25 01:07	1
Bromoform	0.0010	U	0.0010	0.00045	mg/Kg	☼	09/29/25 10:32	10/04/25 01:07	1
Bromomethane	0.0021	U	0.0021	0.0010	mg/Kg	☼	09/29/25 10:32	10/04/25 01:07	1

Client Sample ID: 58J1_8-9
Date Collected: 09/26/25 15:40
Date Received: 09/26/25 16:20

Lab Sample ID: 460-335806-90
Matrix: Solid
Percent Solids: 89.0

Method: SW846 8260D - Volatile Organic Compounds by GC/MS (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Carbon disulfide	0.0010	U	0.0010	0.00028	mg/Kg	☼	09/29/25 10:32	10/04/25 01:07	1
Carbon tetrachloride	0.0010	U	0.0010	0.00041	mg/Kg	☼	09/29/25 10:32	10/04/25 01:07	1
Chlorobenzene	0.0010	U	0.0010	0.00053	mg/Kg	☼	09/29/25 10:32	10/04/25 01:07	1
Chlorobromomethane	0.0010	U	0.0010	0.00063	mg/Kg	☼	09/29/25 10:32	10/04/25 01:07	1
Chlorodibromomethane	0.0010	U	0.0010	0.00056	mg/Kg	☼	09/29/25 10:32	10/04/25 01:07	1
Chloroethane	0.0010	U	0.0010	0.00055	mg/Kg	☼	09/29/25 10:32	10/04/25 01:07	1
Chloroform	0.0010	U	0.0010	0.0010	mg/Kg	☼	09/29/25 10:32	10/04/25 01:07	1
Chloromethane	0.0010	U	0.0010	0.00046	mg/Kg	☼	09/29/25 10:32	10/04/25 01:07	1
cis-1,2-Dichloroethene	0.0010	U	0.0010	0.00038	mg/Kg	☼	09/29/25 10:32	10/04/25 01:07	1
cis-1,3-Dichloropropene	0.0010	U	0.0010	0.00029	mg/Kg	☼	09/29/25 10:32	10/04/25 01:07	1
Cyclohexane	0.0010	U	0.0010	0.00023	mg/Kg	☼	09/29/25 10:32	10/04/25 01:07	1
Dichlorobromomethane	0.0010	U	0.0010	0.00027	mg/Kg	☼	09/29/25 10:32	10/04/25 01:07	1
Dichlorodifluoromethane	0.0010	U	0.0010	0.00035	mg/Kg	☼	09/29/25 10:32	10/04/25 01:07	1
Ethylbenzene	0.0010	U	0.0010	0.00049	mg/Kg	☼	09/29/25 10:32	10/04/25 01:07	1
Ethylene Dibromide	0.0010	U	0.0010	0.00053	mg/Kg	☼	09/29/25 10:32	10/04/25 01:07	1
Isopropylbenzene	0.0010	U	0.0010	0.00030	mg/Kg	☼	09/29/25 10:32	10/04/25 01:07	1
Methyl acetate	0.0052	U	0.0052	0.0045	mg/Kg	☼	09/29/25 10:32	10/04/25 01:07	1
Methyl tert-butyl ether	0.0010	U	0.0010	0.00054	mg/Kg	☼	09/29/25 10:32	10/04/25 01:07	1
Methylcyclohexane	0.0010	U	0.0010	0.00052	mg/Kg	☼	09/29/25 10:32	10/04/25 01:07	1
Methylene Chloride	**0.0014**	**J**	0.0021	0.0012	mg/Kg	☼	09/29/25 10:32	10/04/25 01:07	1
m-Xylene & p-Xylene	0.0010	U	0.0010	0.00044	mg/Kg	☼	09/29/25 10:32	10/04/25 01:07	1
n-Butylbenzene	0.0010	U	0.0010	0.00031	mg/Kg	☼	09/29/25 10:32	10/04/25 01:07	1
N-Propylbenzene	0.0010	U	0.0010	0.00047	mg/Kg	☼	09/29/25 10:32	10/04/25 01:07	1
o-Xylene	0.0010	U	0.0010	0.00048	mg/Kg	☼	09/29/25 10:32	10/04/25 01:07	1
sec-Butylbenzene	0.0010	U	0.0010	0.00030	mg/Kg	☼	09/29/25 10:32	10/04/25 01:07	1
Styrene	0.0010	U	0.0010	0.00029	mg/Kg	☼	09/29/25 10:32	10/04/25 01:07	1
tert-Butylbenzene	0.0010	U	0.0010	0.00029	mg/Kg	☼	09/29/25 10:32	10/04/25 01:07	1
Tetrachloroethene	0.0010	U	0.0010	0.00032	mg/Kg	☼	09/29/25 10:32	10/04/25 01:07	1
Toluene	0.0010	U	0.0010	0.00025	mg/Kg	☼	09/29/25 10:32	10/04/25 01:07	1
trans-1,2-Dichloroethene	0.0010	U	0.0010	0.00026	mg/Kg	☼	09/29/25 10:32	10/04/25 01:07	1
trans-1,3-Dichloropropene	0.0010	U	0.0010	0.00028	mg/Kg	☼	09/29/25 10:32	10/04/25 01:07	1
Trichloroethene	0.0010	U	0.0010	0.00034	mg/Kg	☼	09/29/25 10:32	10/04/25 01:07	1
Trichlorofluoromethane	0.0010	U	0.0010	0.00043	mg/Kg	☼	09/29/25 10:32	10/04/25 01:07	1
Vinyl chloride	0.0010	U	0.0010	0.00057	mg/Kg	☼	09/29/25 10:32	10/04/25 01:07	1
Xylenes, Total	0.0021	U	0.0021	0.00018	mg/Kg	☼	09/29/25 10:32	10/04/25 01:07	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,2-Dichloroethane-d4 (Surr)	*116*		*65 - 138*	*09/29/25 10:32*	*10/04/25 01:07*	*1*
4-Bromofluorobenzene	*105*		*71 - 128*	*09/29/25 10:32*	*10/04/25 01:07*	*1*
Dibromofluoromethane (Surr)	*117*		*50 - 150*	*09/29/25 10:32*	*10/04/25 01:07*	*1*
Toluene-d8 (Surr)	*98*		*71 - 126*	*09/29/25 10:32*	*10/04/25 01:07*	*1*

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Percent Moisture (EPA Moisture)	**11.0**		1.0	1.0	%			09/28/25 21:11	1
Percent Solids (EPA Moisture)	**89.0**		1.0	1.0	%			09/28/25 21:11	1

Surrogate Summary

Client: Haley & Aldrich, Inc.
Project/Site: Former Port Mobil

Job ID: 460-335806-1

Method: 8260D - Volatile Organic Compounds by GC/MS

Matrix: Solid

Prep Type: Total/NA

		Percent Surrogate Recovery (Acceptance Limits)			
		DCA	BFB	DBFM	TOL
Lab Sample ID	Client Sample ID	(65-138)	(71-128)	(50-150)	(71-126)
460-335806-21	58A1_1-2	119	95	111	104
460-335806-22	58A2_2-3	118	101	113	108
460-335806-23	58A3_3-4	122	100	111	105
460-335806-24	58A1_5-6	118	93	107	101
460-335806-25	58A2_6-7	121	99	114	105
460-335806-26	58A3_7-8	121	95	111	102
460-335806-27	58A2_9-10	121	96	112	102
460-335806-28	58B1_0-1	123	98	113	103
460-335806-29	58B2_2-3	122	96	111	104
460-335806-30	58B2_3-4	116	94	111	103
460-335806-31	58B1_4-5	116	95	111	105
460-335806-32	58B2_5-6	118	94	110	102
460-335806-33	58B3_7-8	119	94	109	100
460-335806-34	58B2_9-10	121	95	113	103
460-335806-35	58C3_1-2	118	96	111	100
460-335806-36	58C2_2-3	108	90	95	100
460-335806-37	58C1_3-4	106	93	94	103
460-335806-38	58C3_5-6	106	92	94	101
460-335806-39	58C2_6-7	108	94	96	102
460-335806-40	58C1_7-8	108	93	96	100
460-335806-41	58C3_8-9	105	91	95	99
460-335806-42	58D1_1-2	108	92	96	99
460-335806-43	58D2_2-3	104	91	95	100
460-335806-44	58D3_4-5	106	92	97	100
460-335806-45	58D1_5-6	110	95	98	100
460-335806-46	58D2_6-7	106	93	96	100
460-335806-47	58D3_8-9	96	92	95	100
460-335806-48	58D3_9-10	107	92	95	100
460-335806-49	58E1_1-2	110	94	98	102
460-335806-50	58E2_2-3	108	93	97	100
460-335806-51	58E3_4-5	96	80	84	87
460-335806-52	58E1_5-6	109	93	97	99
460-335806-53	58E2_7-8	106	92	95	99
460-335806-54	58E3_8-9	110	99	116	94
460-335806-55	58E2_9-10	107	100	116	95
460-335806-56	58F1_1-2	110	100	119	95
460-335806-57	58F2_3-4	111	99	118	95
460-335806-58	58F3_4-5	109	100	116	95
460-335806-59	58F1_5-6	110	98	117	95
460-335806-60	58F2_7-8	108	99	115	96
460-335806-61	58F3_8-9	111	99	117	95
460-335806-62	58F1_9-10	108	99	113	95
460-335806-63	58G1_1-2	108	98	113	96
460-335806-64	58G2_3-4	109	100	112	96
460-335806-65	58G3_4-5	109	99	113	96
460-335806-66	58G1_5-6	112	99	114	95
460-335806-67	58G2_7-8	110	98	116	95
460-335806-68	58G3_9-10	112	105	117	98
460-335806-69	58G3_6-7	110	99	114	95

Surrogate Summary

Client: Haley & Aldrich, Inc.
Project/Site: Former Port Mobil

Job ID: 460-335806-1

Method: 8260D - Volatile Organic Compounds by GC/MS (Continued)

Matrix: Solid

Prep Type: Total/NA

		Percent Surrogate Recovery (Acceptance Limits)			
		DCA	BFB	DBFM	TOL
Lab Sample ID	Client Sample ID	(65-138)	(71-128)	(50-150)	(71-126)
460-335806-70	58H1_2-3	110	99	113	95
460-335806-71	58H2_3-4	110	100	111	96
460-335806-72	58H3_1-2	112	98	117	95
460-335806-73	58H1_5-6	112	100	118	94
460-335806-74	58H2_6-7	109	98	112	95
460-335806-75	58H3_7-8	112	103	115	96
460-335806-76	58H1_9-10	110	99	116	95
460-335806-77	58I2_0-1	115	100	120	96
460-335806-78	58I1_1-2	114	100	116	96
460-335806-79	58I3_3-4	114	100	119	96
460-335806-80	58I2_4-5	113	99	115	96
460-335806-81	58I3_5-6	115	102	115	97
460-335806-82	58I1_7-8	113	101	114	97
460-335806-83	58I2_9-10	113	98	117	97
460-335806-84	58J1_1-2	110	103	116	98
460-335806-85	58J2_2-3	112	104	114	97
460-335806-86	58J3_3-4	115	101	115	97
460-335806-87	58J1_5-6	114	103	117	97
460-335806-88	58J2_6-7	114	101	113	97
460-335806-89	58J3_7-8	112	100	113	96
460-335806-90	58J1_8-9	116	105	117	98
460-335982-B-7-B MS	Matrix Spike	95	100	100	97
460-335982-B-7-C MSD	Matrix Spike Duplicate	98	99	100	98
LCS 460-1065633/2	Lab Control Sample	107	94	95	106
LCS 460-1065636/2	Lab Control Sample	106	93	103	101
LCS 460-1065774/3	Lab Control Sample	102	99	103	98
LCS 460-1065958/3	Lab Control Sample	100	99	100	99
LCS 460-1065959/3	Lab Control Sample	99	100	95	98
LCS 460-1066077/3	Lab Control Sample	102	99	100	98
LCSD 460-1065633/4	Lab Control Sample Dup	106	94	94	105
LCSD 460-1065636/4	Lab Control Sample Dup	122	103	114	113
LCSD 460-1065774/4	Lab Control Sample Dup	103	99	105	98
LCSD 460-1065959/4	Lab Control Sample Dup	96	102	94	98
LCSD 460-1066077/4	Lab Control Sample Dup	101	100	100	98
MB 460-1065633/7	Method Blank	106	93	95	102
MB 460-1065636/8	Method Blank	117	100	111	107
MB 460-1065774/7	Method Blank	107	98	119	97
MB 460-1065958/8	Method Blank	111	99	115	95
MB 460-1065959/6	Method Blank	109	97	114	95
MB 460-1066077/7	Method Blank	102	99	111	96

Surrogate Legend

DCA = 1,2-Dichloroethane-d4 (Surr)
BFB = 4-Bromofluorobenzene
DBFM = Dibromofluoromethane (Surr)
TOL = Toluene-d8 (Surr)

Surrogate Summary

Client: Haley & Aldrich, Inc.
Project/Site: Former Port Mobil

Job ID: 460-335806-1

Method: 8270E - Semivolatile Organic Compounds (GC/MS)

Matrix: Solid

Prep Type: Total/NA

		Percent Surrogate Recovery (Acceptance Limits)					
Lab Sample ID	Client Sample ID	TBP (18-137)	FBP (33-117)	2FP (24-120)	NBZ (27-120)	PHL (28-118)	TPHL (33-124)
460-335637-B-5-D MS	Matrix Spike	70	65	71	69	69	68
460-335637-B-5-E MSD	Matrix Spike Duplicate	70	66	73	70	71	68
460-335806-1	58A_0-5	62	59	62	62	63	65
460-335806-1 MS	58A_0-5	62	62	66	66	65	66
460-335806-1 MSD	58A_0-5	66	63	69	67	68	66
460-335806-2	58A_5-10	50	42	41	44	44	64
460-335806-3	58B_0-5	57	47	43	46	46	65
460-335806-4	58B_5-10	57	50	51	51	53	64
460-335806-5	58C_0-5	52	45	44	46	46	62
460-335806-6	58C_5-10	64	62	63	64	62	64
460-335806-7	58D_0-5	58	51	46	47	48	63
460-335806-8	58D_5-10	60	61	63	62	62	64
460-335806-9	58E_0-5	56	42	41	43	41	64
460-335806-10	58E_5-10	43	36	34	37	34	66
460-335806-11	58F_0-5	54	41	40	42	41	64
460-335806-12	58F_5-10	53	52	50	52	50	62
460-335806-13	58G_0-5	49	39	38	40	38	61
460-335806-14	58G_5-10	56	56	55	56	54	64
460-335806-15	58H_0-5	56	53	50	52	50	63
460-335806-16	58H_5-10	73	68	74	72	70	73
460-335806-17	58I_0-5	69	66	75	71	70	69
460-335806-18	58I_5-10	73	69	76	74	74	76
460-335806-19	58J_0-5	67	61	68	64	64	67
460-335806-20	58J_5-10	68	63	70	68	66	70
LCS 460-1064131/2-A	Lab Control Sample	73	67	75	72	73	69
LCS 460-1064230/2-A	Lab Control Sample	72	68	76	77	75	72
LCSD 460-1064131/3-A	Lab Control Sample Dup	72	65	72	69	69	67
LCSD 460-1064230/3-A	Lab Control Sample Dup	72	70	78	75	77	72
MB 460-1064131/1-A	Method Blank	64	65	71	68	68	66
MB 460-1064230/1-A	Method Blank	60	55	57	59	57	64

Surrogate Legend

TBP = 2,4,6-Tribromophenol (Surr)
FBP = 2-Fluorobiphenyl
2FP = 2-Fluorophenol (Surr)
NBZ = Nitrobenzene-d5 (Surr)
PHL = Phenol-d5 (Surr)
TPHL = Terphenyl-d14 (Surr)

Method: 8081B - Organochlorine Pesticides (GC)

Matrix: Solid

Prep Type: Total/NA

		Percent Surrogate Recovery (Acceptance Limits)			
Lab Sample ID	Client Sample ID	DCBP1 (10-150)	DCBP2 (10-150)	TCX1 (14-150)	TCX2 (14-150)
460-335806-1	58A_0-5	101	89	61	61
460-335806-1 MS	58A_0-5	74	69	60	65
460-335806-1 MSD	58A_0-5	91	87	71	65
460-335806-2	58A_5-10	94	89	57	54
460-335806-3	58B_0-5	98	94	78	77
460-335806-4	58B_5-10	107	104	88	90

Method: 8081B - Organochlorine Pesticides (GC) (Continued)

Matrix: Solid

Prep Type: Total/NA

		Percent Surrogate Recovery (Acceptance Limits)			
Lab Sample ID	Client Sample ID	DCBP1 (10-150)	DCBP2 (10-150)	TCX1 (14-150)	TCX2 (14-150)
460-335806-5	58C_0-5	115	113	94	91
460-335806-6	58C_5-10	106	106	95	97
460-335806-7	58D_0-5	110	102	95	90
460-335806-8	58D_5-10	114	111	100	95
460-335806-9	58E_0-5	99	94	76	78
460-335806-10	58E_5-10	120	125	93	92
460-335806-11	58F_0-5	103	100	79	89
460-335806-12	58F_5-10	112	124	84	97
460-335806-13	58G_0-5	109	103	74	84
460-335806-14	58G_5-10	106	143	74	80
460-335806-15	58H_0-5	120	115	89	88
460-335806-16	58H_5-10	102	97	80	87
460-335806-17	58I_0-5	152 *	115	89	83
460-335806-18	58I_5-10	131	110	86	95
460-335806-19	58J_0-5	136	112	95	101
460-335806-20	58J_5-10	140	106	85	109
LCS 460-1064250/2-A	Lab Control Sample	54	47	62	64
LCSD 460-1064250/3-A	Lab Control Sample Dup	57	49	63	59
MB 460-1064250/1-A	Method Blank	70	67	68	87

Surrogate Legend

DCBP = DCB Decachlorobiphenyl

TCX = Tetrachloro-m-xylene

Method: 8082A - Polychlorinated Biphenyls (PCBs) by Gas Chromatography

Matrix: Solid

Prep Type: Total/NA

		Percent Surrogate Recovery (Acceptance Limits)			
Lab Sample ID	Client Sample ID	DCBP1 (10-150)	DCBP2 (10-150)	TCX1 (10-150)	TCX2 (10-150)
460-335806-1	58A_0-5	122	108	70	71
460-335806-1 MS	58A_0-5	119	111	94	93
460-335806-1 MSD	58A_0-5	134	112	95	93
460-335806-2	58A_5-10	117	106	64	64
460-335806-3	58B_0-5	114	106	85	86
460-335806-4	58B_5-10	117	111	93	93
460-335806-5	58C_0-5	124	117	96	96
460-335806-6	58C_5-10	130	126	110	112
460-335806-7	58D_0-5	126	123	106	107
460-335806-8	58D_5-10	142	138	117	121
460-335806-9	58E_0-5	131	124	96	98
460-335806-10	58E_5-10	132	126	100	101
460-335806-11	58F_0-5	116	105	84	84
460-335806-12	58F_5-10	136	138	102	102
460-335806-13	58G_0-5	110	103	70	71
460-335806-14	58G_5-10	130	150	93	89
460-335806-15	58H_0-5	151 *	142	107	108
460-335806-16	58H_5-10	134	130	103	104
460-335806-17	58I_0-5	154 *	149	114	117
460-335806-18	58I_5-10	144	141	114	115
460-335806-19	58J_0-5	105	110	102	104

Surrogate Summary

Client: Haley & Aldrich, Inc.
Project/Site: Former Port Mobil

Job ID: 460-335806-1

Method: 8082A - Polychlorinated Biphenyls (PCBs) by Gas Chromatography (Continued)

Matrix: Solid

Prep Type: Total/NA

		Percent Surrogate Recovery (Acceptance Limits)			
Lab Sample ID	Client Sample ID	DCBP1 (10-150)	DCBP2 (10-150)	TCX1 (10-150)	TCX2 (10-150)
460-335806-20	58J_5-10	146	148	121	123
LCS 460-1064249/2-A	Lab Control Sample	96	85	89	87
LCSD 460-1064249/3-A	Lab Control Sample Dup	96	84	88	85
MB 460-1064249/1-A	Method Blank	102	90	82	83

Surrogate Legend

DCBP = DCB Decachlorobiphenyl

TCX = Tetrachloro-m-xylene

Isotope Dilution Summary

Client: Haley & Aldrich, Inc.
Project/Site: Former Port Mobil

Job ID: 460-335806-1

Method: 1633A - Per- and Polyfluoroalkyl Substances by LC/MS/MS, 1633A

Matrix: Solid **Prep Type: Total/NA**

		Percent Isotope Dilution Recovery (Acceptance Limits)							
Lab Sample ID	Client Sample ID	PFBA (8-130)	PFPeA (35-130)	13C5PHA (40-130)	C4PFHA (40-130)	C8PFOA (40-130)	C9PFNA (40-130)	C6PFDA (40-130)	13C7PUA (40-130)
460-335806-1	58A_0-5	118	113	111	109	99.8	94.7	86.1	82.2
460-335806-2	58A_5-10	110	109	105	108	99.4	99.2	96.9	147 *
460-335806-3	58B_0-5	104	101	104	103	97.0	96.7	87.0	84.8
460-335806-4	58B_5-10	92.5	88.0	87.5	87.3	79.3	74.6	78.8	73.7
460-335806-5	58C_0-5	109	105	105	108	103	100	92.7	87.7
460-335806-6	58C_5-10	110	109	111	111	102	106	93.2	83.6
460-335806-7	58D_0-5	107	102	102	102	92.8	95.0	92.1	85.8
460-335806-8	58D_5-10	103	99.1	99.6	102	90.4	87.0	86.1	82.8
460-335806-9	58E_0-5	104	98.1	100	103	96.9	92.6	93.6	91.1
460-335806-10	58E_5-10	101	97.0	94.3	98.8	87.2	80.8	72.9	73.2
460-335806-11	58F_0-5	114	110	108	113	104	112	97.1	99.2
460-335806-12	58F_5-10	98.2	93.1	88.7	97.6	86.5	88.4	83.3	82.3
460-335806-13	58G_0-5	109	102	104	108	101	100	89.9	93.0
460-335806-14	58G_5-10	107	100	102	102	97.9	93.1	94.3	96.3
460-335806-15	58H_0-5	110	105	104	103	100	95.7	91.1	94.8
460-335806-16	58H_5-10	128	119	116	121	108	102	90.5	78.8
460-335806-17	58I_0-5	131 *	123	121	126	113	96.8	89.2	81.7
460-335806-18	58I_5-10	112	107	104	114	91.5	94.8	93.9	89.2
460-335806-19	58J_0-5	104	95.8	95.3	98.7	98.0	91.3	90.1	83.1
460-335806-20	58J_5-10	122	116	116	120	113	108	96.7	87.8
LCS 410-709163/2-A	Lab Control Sample	67.9	63.8	59.3	64.1	56.5	57.9	63.6	74.0
LCSD 410-709163/3-A	Lab Control Sample Dup	113	110	110	111	105	106	94.8	100
LLCS 410-709163/4-A	Lab Control Sample	119	118	116	122	120	116	110	100
MB 410-709163/1-A	Method Blank	86.6	82.6	82.6	85.6	80.8	78.8	75.7	82.3

		Percent Isotope Dilution Recovery (Acceptance Limits)							
Lab Sample ID	Client Sample ID	PFTDA (20-130)	C3PFBS (40-135)	C3PFHS (40-130)	C8PFOS (40-130)	PFOSA (40-130)	d3NMFOS (40-135)	d5NEFOS (40-150)	M242FTS (40-165)
460-335806-1	58A_0-5	63.1	61.3	96.9	91.2	86.7	71.8	104	135
460-335806-2	58A_5-10	109	113	94.8	93.3	86.9	51.0	92.8	126
460-335806-3	58B_0-5	61.4	105	89.9	85.5	81.8	70.8	88.4	113
460-335806-4	58B_5-10	57.1	88.8	75.6	69.1	68.3	55.4	73.3	92.6
460-335806-5	58C_0-5	69.6	110	94.7	88.6	87.6	67.6	92.0	122
460-335806-6	58C_5-10	62.1	111	96.1	90.2	84.5	68.6	88.0	122
460-335806-7	58D_0-5	60.6	104	89.9	87.3	82.2	64.3	81.2	122
460-335806-8	58D_5-10	64.6	102	88.3	82.4	76.6	64.0	79.8	101
460-335806-9	58E_0-5	70.9	108	92.1	89.8	83.3	67.9	92.0	115
460-335806-10	58E_5-10	50.6	106	88.4	75.7	72.4	59.5	84.3	113
460-335806-11	58F_0-5	77.3	114	100	99.4	92.4	76.5	99.1	117
460-335806-12	58F_5-10	66.5	98.9	85.2	80.1	74.7	65.3	88.9	112
460-335806-13	58G_0-5	63.5	113	98.0	92.6	87.2	76.2	99.4	121
460-335806-14	58G_5-10	77.8	108	90.5	95.3	86.8	78.4	102	128
460-335806-15	58H_0-5	68.7	108	94.5	92.3	85.4	74.7	94.4	124
460-335806-16	58H_5-10	56.4	127	104	88.9	83.4	65.3	76.4	153
460-335806-17	58I_0-5	58.3	132	105	91.8	87.4	68.1	80.0	146
460-335806-18	58I_5-10	58.9	116	95.7	88.0	82.0	66.7	93.4	124
460-335806-19	58J_0-5	65.4	106	93.0	92.2	85.4	74.3	88.4	116
460-335806-20	58J_5-10	75.3	126	109	99.6	91.1	76.0	98.3	143
LCS 410-709163/2-A	Lab Control Sample	63.0	66.6	55.7	59.0	62.3	62.3	102	69.9
LCSD 410-709163/3-A	Lab Control Sample Dup	78.9	118	104	103	96.6	83.2	106	124

Isotope Dilution Summary

Client: Haley & Aldrich, Inc.
Project/Site: Former Port Mobil

Job ID: 460-335806-1

Method: 1633A - Per- and Polyfluoroalkyl Substances by LC/MS/MS, 1633A (Continued)

Matrix: Solid

Prep Type: Total/NA

		Percent Isotope Dilution Recovery (Acceptance Limits)							
Lab Sample ID	Client Sample ID	PFTDA (20-130)	C3PFBS (40-135)	C3PFHS (40-130)	C8PFOS (40-130)	PFOSA (40-130)	d3NMFOS (40-135)	d5NEFOS (40-150)	M242FTS (40-165)
LLCS 410-709163/4-A	Lab Control Sample	90.1	127	112	113	102	87.8	107	136
MB 410-709163/1-A	Method Blank	73.2	90.8	81.8	77.9	71.1	66.5	113	93.6

		Percent Isotope Dilution Recovery (Acceptance Limits)							
Lab Sample ID	Client Sample ID	M262FTS (40-215)	M282FTS (40-275)	HFPODA (40-130)	NMFM (20-130)	NEFM (15-130)	d5NPFSA (10-130)	d3NMFSA (10-130)	PFDoA (40-130)
460-335806-1	58A_0-5	111	73.6	107	44.2	34.5	66.9	74.7	77.0
460-335806-2	58A_5-10	108	77.0	101	30.8	17.8	68.3	76.1	98.7
460-335806-3	58B_0-5	104	70.6	97.4	25.4	17.0	61.9	71.1	78.5
460-335806-4	58B_5-10	83.7	60.1	81.0	35.4	29.2	56.8	62.7	70.5
460-335806-5	58C_0-5	108	74.4	104	50.1	41.1	70.0	80.4	79.3
460-335806-6	58C_5-10	114	74.7	108	42.3	34.2	60.1	70.4	75.0
460-335806-7	58D_0-5	108	74.8	93.3	46.4	38.9	63.7	72.8	81.8
460-335806-8	58D_5-10	93.5	68.8	95.2	44.2	37.4	62.1	69.6	76.6
460-335806-9	58E_0-5	104	72.7	99.0	51.2	41.9	65.0	72.7	78.4
460-335806-10	58E_5-10	103	68.4	86.9	41.3	31.5	53.5	58.7	63.9
460-335806-11	58F_0-5	108	83.8	106	49.5	32.0	68.9	77.8	79.1
460-335806-12	58F_5-10	104	73.8	88.5	50.2	40.9	60.9	64.1	79.0
460-335806-13	58G_0-5	111	79.9	101	73.5	64.0	67.9	77.4	80.5
460-335806-14	58G_5-10	114	90.3	105	57.5	43.3	71.5	79.4	85.4
460-335806-15	58H_0-5	111	82.0	100	54.2	40.7	69.4	75.9	85.9
460-335806-16	58H_5-10	128	84.2	121	28.7	18.4	64.4	74.8	67.9
460-335806-17	58I_0-5	123	76.5	122	30.8	22.3	63.4	72.1	66.8
460-335806-18	58I_5-10	110	71.8	107	42.0	30.2	62.3	70.6	78.7
460-335806-19	58J_0-5	103	76.7	93.0	47.9	35.7	73.0	78.5	76.3
460-335806-20	58J_5-10	129	86.4	112	47.1	35.1	71.1	80.5	85.6
LCS 410-709163/2-A	Lab Control Sample	61.9	51.5	58.7	49.1	44.3	54.5	58.6	83.6
LCSD 410-709163/3-A	Lab Control Sample Dup	108	85.6	108	58.6	47.5	71.3	76.7	91.7
LLCS 410-709163/4-A	Lab Control Sample	124	94.1	116	74.9	60.3	76.7	84.8	91.4
MB 410-709163/1-A	Method Blank	85.5	66.5	79.0	48.5	38.3	57.4	62.8	78.0

Surrogate Legend

PFBA = 13C4 PFBA
PFPeA = 13C5 PFPeA
13C5PHA = 13C5 PFHxA
C4PFHA = 13C4 PFHpA
C8PFOA = 13C8 PFOA
C9PFNA = 13C9 PFNA
C6PFDA = 13C6 PFDA
13C7PUA = 13C7 PFUnA
PFTDA = 13C2 PFTeDA
C3PFBS = 13C3 PFBS
C3PFHS = 13C3 PFHxS
C8PFOS = 13C8 PFOS
PFOSA = 13C8 FOSA
d3NMFOS = d3-NMeFOSAA
d5NEFOS = d5-NEtFOSAA
M242FTS = 13C2 4:2 FTS
M262FTS = 13C2 6:2 FTS
M282FTS = 13C2 8:2 FTS
HFPODA = 13C3 HFPO-DA

Isotope Dilution Summary

Client: Haley & Aldrich, Inc.
Project/Site: Former Port Mobil

Job ID: 460-335806-1

NMFM = d7-N-MeFOSE-M
NEFM = d9-N-EtFOSE-M
d5NPFSA = d5-NEtPFOSA
d3NMFSA = d3-NMePFOSA
PFDoA = 13C2 PFDoA

Method: 8260D - Volatile Organic Compounds by GC/MS

Lab Sample ID: 460-335982-B-7-B MS
Matrix: Solid
Analysis Batch: 1065958

Client Sample ID: Matrix Spike
Prep Type: Total/NA
Prep Batch: 1064815

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec Limits
1,1,1-Trichloroethane	0.00071	U	0.0122	0.0108		mg/Kg	☼	88	78 - 120
1,1,2,2-Tetrachloroethane	0.00071	U	0.0122	0.00707	*	mg/Kg	☼	58	70 - 133
1,1,2-Trichloro-1,2,2-trifluoroethane	0.00071	U	0.0122	0.0108		mg/Kg	☼	88	75 - 121
1,1,2-Trichloroethane	0.00071	U	0.0122	0.0101		mg/Kg	☼	83	80 - 120
1,1-Dichloroethane	0.00071	U	0.0122	0.0101		mg/Kg	☼	82	72 - 120
1,1-Dichloroethene	0.00071	U	0.0122	0.0102		mg/Kg	☼	83	76 - 120
1,2,3-Trichlorobenzene	0.00071	U	0.0122	0.00696	*	mg/Kg	☼	57	77 - 137
1,2,4-Trichlorobenzene	0.00071	U *	0.0122	0.00594	*	mg/Kg	☼	49	77 - 136
1,2,4-Trimethylbenzene	0.00071	U	0.0122	0.00835	*	mg/Kg	☼	68	75 - 120
1,2-Dibromo-3-Chloropropane	0.00071	U	0.0122	0.00755	*	mg/Kg	☼	62	80 - 124
1,2-Dichlorobenzene	0.00071	U	0.0122	0.00906	*	mg/Kg	☼	74	80 - 120
1,2-Dichloroethane	0.00071	U	0.0122	0.0104		mg/Kg	☼	85	70 - 123
1,2-Dichloropropane	0.00071	U	0.0122	0.00961		mg/Kg	☼	79	73 - 124
1,3,5-Trimethylbenzene	0.00071	U	0.0122	0.00860		mg/Kg	☼	70	70 - 120
1,3-Dichlorobenzene	0.00071	U	0.0122	0.00793	*	mg/Kg	☼	65	80 - 120
1,4-Dichlorobenzene	0.00071	U	0.0122	0.00781	*	mg/Kg	☼	64	80 - 120
2-Butanone (MEK)	0.0035	U	0.0611	0.0588		mg/Kg	☼	96	64 - 128
2-Hexanone	0.0035	U	0.0611	0.0644		mg/Kg	☼	105	75 - 120
4-Methyl-2-pentanone (MIBK)	0.0035	U	0.0611	0.0687		mg/Kg	☼	112	80 - 120
Acetone	0.0042	U	0.0611	0.0871	*	mg/Kg	☼	143	58 - 122
Benzene	0.00071	U	0.0122	0.00961		mg/Kg	☼	79	75 - 120
Bromoform	0.00071	U	0.0122	0.00923		mg/Kg	☼	76	61 - 125
Bromomethane	0.0014	U	0.0122	0.00977		mg/Kg	☼	80	37 - 150
Carbon disulfide	0.0011		0.0122	0.00975		mg/Kg	☼	71	57 - 133
Carbon tetrachloride	0.00071	U	0.0122	0.00996		mg/Kg	☼	81	66 - 127
Chlorobenzene	0.00071	U	0.0122	0.00939	*	mg/Kg	☼	77	80 - 120
Chlorobromomethane	0.00071	U	0.0122	0.0114		mg/Kg	☼	93	76 - 127
Chlorodibromomethane	0.00071	U	0.0122	0.00952		mg/Kg	☼	78	72 - 120
Chloroethane	0.00071	U	0.0122	0.00772		mg/Kg	☼	63	60 - 123
Chloroform	0.00071	U	0.0122	0.0104		mg/Kg	☼	85	79 - 126
Chloromethane	0.00071	U	0.0122	0.00600		mg/Kg	☼	49	46 - 122
cis-1,2-Dichloroethene	0.00071	U	0.0122	0.0102		mg/Kg	☼	84	80 - 123
cis-1,3-Dichloropropene	0.00071	U	0.0122	0.00752	*	mg/Kg	☼	62	75 - 120
Cyclohexane	0.00071	U	0.0122	0.0106		mg/Kg	☼	86	65 - 132
Dichlorobromomethane	0.00071	U	0.0122	0.0102		mg/Kg	☼	83	77 - 124
Dichlorodifluoromethane	0.00071	U	0.0122	0.00865		mg/Kg	☼	71	45 - 129
Ethylbenzene	0.00071	U	0.0122	0.00952	*	mg/Kg	☼	78	80 - 120
Ethylene Dibromide	0.00071	U	0.0122	0.00975		mg/Kg	☼	80	79 - 120
Isopropylbenzene	0.00071	U	0.0122	0.00930		mg/Kg	☼	76	74 - 120
Methyl acetate	0.0035	U	0.0244	0.0195		mg/Kg	☼	80	57 - 120
Methyl tert-butyl ether	0.00071	U	0.0122	0.00941		mg/Kg	☼	77	74 - 125
Methylcyclohexane	0.00071	U	0.0122	0.00999		mg/Kg	☼	82	66 - 125
Methylene Chloride	0.0014	U	0.0122	0.0111		mg/Kg	☼	91	78 - 120
m-Xylene & p-Xylene	0.00071	U	0.0122	0.00923	*	mg/Kg	☼	76	80 - 120
n-Butylbenzene	0.00071	U	0.0122	0.00712	*	mg/Kg	☼	58	72 - 120
N-Propylbenzene	0.00071	U	0.0122	0.00856		mg/Kg	☼	70	68 - 120
o-Xylene	0.00071	U	0.0122	0.00984		mg/Kg	☼	80	80 - 120
sec-Butylbenzene	0.00071	U	0.0122	0.00865	*	mg/Kg	☼	71	78 - 120

Method: 8260D - Volatile Organic Compounds by GC/MS (Continued)

Lab Sample ID: 460-335982-B-7-B MS
Matrix: Solid
Analysis Batch: 1065958

Client Sample ID: Matrix Spike
Prep Type: Total/NA
Prep Batch: 1064815

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec Limits
Styrene	0.00071	U	0.0122	0.00855	*	mg/Kg	☼	70	80 - 120
tert-Butylbenzene	0.00071	U	0.0122	0.00925	*	mg/Kg	☼	76	80 - 120
Tetrachloroethene	0.00071	U	0.0122	0.00935		mg/Kg	☼	77	73 - 120
Toluene	0.00071	U	0.0122	0.00942	*	mg/Kg	☼	77	80 - 120
trans-1,2-Dichloroethene	0.00071	U	0.0122	0.00962		mg/Kg	☼	79	78 - 120
trans-1,3-Dichloropropene	0.00071	U	0.0122	0.00728	*	mg/Kg	☼	60	77 - 120
Trichloroethene	0.00071	U	0.0122	0.0113		mg/Kg	☼	92	80 - 120
Trichlorofluoromethane	0.00071	U	0.0122	0.00914		mg/Kg	☼	75	61 - 130
Vinyl chloride	0.00071	U	0.0122	0.00733		mg/Kg	☼	60	54 - 122
Xylenes, Total	0.0014	U	0.0244	0.0191	*	mg/Kg	☼	78	80 - 120

Surrogate	*MS %Recovery*	*MS Qualifier*	*Limits*
1,2-Dichloroethane-d4 (Surr)	*95*		*65 - 138*
4-Bromofluorobenzene	*100*		*71 - 128*
Dibromofluoromethane (Surr)	*100*		*50 - 150*
Toluene-d8 (Surr)	*97*		*71 - 126*

Lab Sample ID: 460-335982-B-7-C MSD
Matrix: Solid
Analysis Batch: 1065958

Client Sample ID: Matrix Spike Duplicate
Prep Type: Total/NA
Prep Batch: 1064815

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
1,1,1-Trichloroethane	0.00071	U	0.0116	0.00686	*	mg/Kg	☼	59	78 - 120	44	30
1,1,2,2-Tetrachloroethane	0.00071	U	0.0116	0.00511	*	mg/Kg	☼	44	70 - 133	32	30
1,1,2-Trichloro-1,2,2-trifluoroethane	0.00071	U	0.0116	0.00667	*	mg/Kg	☼	57	75 - 121	47	30
1,1,2-Trichloroethane	0.00071	U	0.0116	0.00737	*	mg/Kg	☼	63	80 - 120	31	30
1,1-Dichloroethane	0.00071	U	0.0116	0.00718	*	mg/Kg	☼	62	72 - 120	33	30
1,1-Dichloroethene	0.00071	U	0.0116	0.00658	*	mg/Kg	☼	57	76 - 120	43	30
1,2,3-Trichlorobenzene	0.00071	U	0.0116	0.00460	*	mg/Kg	☼	40	77 - 137	41	30
1,2,4-Trichlorobenzene	0.00071	U *	0.0116	0.00386	*	mg/Kg	☼	33	77 - 136	43	30
1,2,4-Trimethylbenzene	0.00071	U	0.0116	0.00551	*	mg/Kg	☼	47	75 - 120	41	30
1,2-Dibromo-3-Chloropropane	0.00071	U	0.0116	0.00551	*	mg/Kg	☼	47	80 - 124	31	30
1,2-Dichlorobenzene	0.00071	U	0.0116	0.00607	*	mg/Kg	☼	52	80 - 120	40	30
1,2-Dichloroethane	0.00071	U	0.0116	0.00761	*	mg/Kg	☼	66	70 - 123	31	30
1,2-Dichloropropane	0.00071	U	0.0116	0.00681	*	mg/Kg	☼	59	73 - 124	34	30
1,3,5-Trimethylbenzene	0.00071	U	0.0116	0.00553	*	mg/Kg	☼	48	70 - 120	43	30
1,3-Dichlorobenzene	0.00071	U	0.0116	0.00529	*	mg/Kg	☼	46	80 - 120	40	30
1,4-Dichlorobenzene	0.00071	U	0.0116	0.00523	*	mg/Kg	☼	45	80 - 120	40	30
2-Butanone (MEK)	0.0035	U	0.0580	0.0445		mg/Kg	☼	77	64 - 128	28	30
2-Hexanone	0.0035	U	0.0580	0.0490		mg/Kg	☼	84	75 - 120	27	30
4-Methyl-2-pentanone (MIBK)	0.0035	U	0.0580	0.0525		mg/Kg	☼	90	80 - 120	27	30
Acetone	0.0042	U	0.0580	0.0525	*	mg/Kg	☼	90	58 - 122	50	30
Benzene	0.00071	U	0.0116	0.00670	*	mg/Kg	☼	58	75 - 120	36	30
Bromoform	0.00071	U	0.0116	0.00681	*	mg/Kg	☼	59	61 - 125	30	30
Bromomethane	0.0014	U	0.0116	0.00623	*	mg/Kg	☼	54	37 - 150	44	30
Carbon disulfide	0.0011		0.0116	0.00691	*	mg/Kg	☼	50	57 - 133	34	30
Carbon tetrachloride	0.00071	U	0.0116	0.00629	*	mg/Kg	☼	54	66 - 127	45	30
Chlorobenzene	0.00071	U	0.0116	0.00645	*	mg/Kg	☼	56	80 - 120	37	30

Method: 8260D - Volatile Organic Compounds by GC/MS (Continued)

Lab Sample ID: 460-335982-B-7-C MSD
Matrix: Solid
Analysis Batch: 1065958

Client Sample ID: Matrix Spike Duplicate
Prep Type: Total/NA
Prep Batch: 1064815

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Chlorobromomethane	0.00071	U	0.0116	0.00845	*	mg/Kg	☼	73	76 - 127	30	30
Chlorodibromomethane	0.00071	U	0.0116	0.00721	*	mg/Kg	☼	62	72 - 120	28	30
Chloroethane	0.00071	U	0.0116	0.00607	*	mg/Kg	☼	52	60 - 123	24	30
Chloroform	0.00071	U	0.0116	0.00761	*	mg/Kg	☼	66	79 - 126	31	30
Chloromethane	0.00071	U	0.0116	0.00471	*	mg/Kg	☼	41	46 - 122	24	30
cis-1,2-Dichloroethene	0.00071	U	0.0116	0.00738	*	mg/Kg	☼	64	80 - 123	32	30
cis-1,3-Dichloropropene	0.00071	U	0.0116	0.00545	*	mg/Kg	☼	47	75 - 120	32	30
Cyclohexane	0.00071	U	0.0116	0.00635	*	mg/Kg	☼	55	65 - 132	50	30
Dichlorobromomethane	0.00071	U	0.0116	0.00747	*	mg/Kg	☼	64	77 - 124	30	30
Dichlorodifluoromethane	0.00071	U	0.0116	0.00560	*	mg/Kg	☼	48	45 - 129	43	30
Ethylbenzene	0.00071	U	0.0116	0.00633	*	mg/Kg	☼	54	80 - 120	40	30
Ethylene Dibromide	0.00071	U	0.0116	0.00707	*	mg/Kg	☼	61	79 - 120	32	30
Isopropylbenzene	0.00071	U	0.0116	0.00604	*	mg/Kg	☼	52	74 - 120	43	30
Methyl acetate	0.0035	U	0.0232	0.0155		mg/Kg	☼	67	57 - 120	23	30
Methyl tert-butyl ether	0.00071	U	0.0116	0.00696	*	mg/Kg	☼	60	74 - 125	30	30
Methylcyclohexane	0.00071	U	0.0116	0.00586	*	mg/Kg	☼	50	66 - 125	52	30
Methylene Chloride	0.0014	U	0.0116	0.00802	*	mg/Kg	☼	69	78 - 120	32	30
m-Xylene & p-Xylene	0.00071	U	0.0116	0.00615	*	mg/Kg	☼	53	80 - 120	40	30
n-Butylbenzene	0.00071	U	0.0116	0.00443	*	mg/Kg	☼	38	72 - 120	47	30
N-Propylbenzene	0.00071	U	0.0116	0.00558	*	mg/Kg	☼	48	68 - 120	42	30
o-Xylene	0.00071	U	0.0116	0.00664	*	mg/Kg	☼	57	80 - 120	39	30
sec-Butylbenzene	0.00071	U	0.0116	0.00526	*	mg/Kg	☼	45	78 - 120	49	30
Styrene	0.00071	U	0.0116	0.00572	*	mg/Kg	☼	49	80 - 120	40	30
tert-Butylbenzene	0.00071	U	0.0116	0.00563	*	mg/Kg	☼	48	80 - 120	49	30
Tetrachloroethene	0.00071	U	0.0116	0.00601	*	mg/Kg	☼	52	73 - 120	44	30
Toluene	0.00071	U	0.0116	0.00639	*	mg/Kg	☼	55	80 - 120	38	30
trans-1,2-Dichloroethene	0.00071	U	0.0116	0.00672	*	mg/Kg	☼	58	78 - 120	35	30
trans-1,3-Dichloropropene	0.00071	U	0.0116	0.00518	*	mg/Kg	☼	45	77 - 120	34	30
Trichloroethene	0.00071	U	0.0116	0.00745	*	mg/Kg	☼	64	80 - 120	41	30
Trichlorofluoromethane	0.00071	U	0.0116	0.00612	*	mg/Kg	☼	53	61 - 130	40	30
Vinyl chloride	0.00071	U	0.0116	0.00530	*	mg/Kg	☼	46	54 - 122	32	30
Xylenes, Total	0.0014	U	0.0232	0.0128	*	mg/Kg	☼	55	80 - 120	39	30

Surrogate	*MSD %Recovery*	*MSD Qualifier*	*Limits*
1,2-Dichloroethane-d4 (Surr)	*98*		*65 - 138*
4-Bromofluorobenzene	*99*		*71 - 128*
Dibromofluoromethane (Surr)	*100*		*50 - 150*
Toluene-d8 (Surr)	*98*		*71 - 126*

Lab Sample ID: MB 460-1065633/7
Matrix: Solid
Analysis Batch: 1065633

Client Sample ID: Method Blank
Prep Type: Total/NA

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1-Trichloroethane	0.0010	U	0.0010	0.00023	mg/Kg			10/03/25 18:56	1
1,1,2,2-Tetrachloroethane	0.0010	U	0.0010	0.00052	mg/Kg			10/03/25 18:56	1
1,1,2-Trichloro-1,2,2-trifluoroethane	0.0010	U	0.0010	0.00030	mg/Kg			10/03/25 18:56	1
1,1,2-Trichloroethane	0.0010	U	0.0010	0.00060	mg/Kg			10/03/25 18:56	1

Method: 8260D - Volatile Organic Compounds by GC/MS (Continued)

Lab Sample ID: MB 460-1065633/7
Matrix: Solid
Analysis Batch: 1065633

Client Sample ID: Method Blank
Prep Type: Total/NA

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1-Dichloroethane	0.0010	U	0.0010	0.00060	mg/Kg			10/03/25 18:56	1
1,1-Dichloroethane	0.0010	U	0.0010	0.00060	mg/Kg			10/03/25 18:56	1
1,1-Dichloroethene	0.0010	U	0.0010	0.00023	mg/Kg			10/03/25 18:56	1
1,2,3-Trichlorobenzene	0.0010	U	0.0010	0.00074	mg/Kg			10/03/25 18:56	1
1,2,4-Trichlorobenzene	0.0010	U	0.0010	0.00036	mg/Kg			10/03/25 18:56	1
1,2,4-Trimethylbenzene	0.0010	U	0.0010	0.00025	mg/Kg			10/03/25 18:56	1
1,2-Dibromo-3-Chloropropane	0.0010	U	0.0010	0.00046	mg/Kg			10/03/25 18:56	1
1,2-Dichlorobenzene	0.0010	U	0.0010	0.00036	mg/Kg			10/03/25 18:56	1
1,2-Dichloroethane	0.0010	U	0.0010	0.00030	mg/Kg			10/03/25 18:56	1
1,2-Dichloropropane	0.0010	U	0.0010	0.00042	mg/Kg			10/03/25 18:56	1
1,3,5-Trimethylbenzene	0.0010	U	0.0010	0.00031	mg/Kg			10/03/25 18:56	1
1,3-Dichlorobenzene	0.0010	U	0.0010	0.00037	mg/Kg			10/03/25 18:56	1
1,4-Dichlorobenzene	0.0010	U	0.0010	0.00052	mg/Kg			10/03/25 18:56	1
2-Butanone (MEK)	0.0050	U	0.0050	0.00037	mg/Kg			10/03/25 18:56	1
2-Hexanone	0.0050	U	0.0050	0.0017	mg/Kg			10/03/25 18:56	1
4-Methyl-2-pentanone (MIBK)	0.0050	U	0.0050	0.0016	mg/Kg			10/03/25 18:56	1
Acetone	0.0060	U	0.0060	0.0057	mg/Kg			10/03/25 18:56	1
Benzene	0.0010	U	0.0010	0.00057	mg/Kg			10/03/25 18:56	1
Bromoform	0.0010	U	0.0010	0.00043	mg/Kg			10/03/25 18:56	1
Bromomethane	0.0020	U	0.0020	0.0010	mg/Kg			10/03/25 18:56	1
Carbon disulfide	0.0010	U	0.0010	0.00027	mg/Kg			10/03/25 18:56	1
Carbon tetrachloride	0.0010	U	0.0010	0.00039	mg/Kg			10/03/25 18:56	1
Chlorobenzene	0.0010	U	0.0010	0.00051	mg/Kg			10/03/25 18:56	1
Chlorobromomethane	0.0010	U	0.0010	0.00060	mg/Kg			10/03/25 18:56	1
Chlorodibromomethane	0.0010	U	0.0010	0.00054	mg/Kg			10/03/25 18:56	1
Chloroethane	0.0010	U	0.0010	0.00052	mg/Kg			10/03/25 18:56	1
Chloroform	0.0010	U	0.0010	0.00097	mg/Kg			10/03/25 18:56	1
Chloromethane	0.0010	U	0.0010	0.00044	mg/Kg			10/03/25 18:56	1
cis-1,2-Dichloroethene	0.0010	U	0.0010	0.00036	mg/Kg			10/03/25 18:56	1
cis-1,3-Dichloropropene	0.0010	U	0.0010	0.00027	mg/Kg			10/03/25 18:56	1
Cyclohexane	0.0010	U	0.0010	0.00022	mg/Kg			10/03/25 18:56	1
Dichlorobromomethane	0.0010	U	0.0010	0.00026	mg/Kg			10/03/25 18:56	1
Dichlorodifluoromethane	0.0010	U	0.0010	0.00034	mg/Kg			10/03/25 18:56	1
Ethylbenzene	0.0010	U	0.0010	0.00047	mg/Kg			10/03/25 18:56	1
Ethylene Dibromide	0.0010	U	0.0010	0.00050	mg/Kg			10/03/25 18:56	1
Isopropylbenzene	0.0010	U	0.0010	0.00029	mg/Kg			10/03/25 18:56	1
Methyl acetate	0.0050	U	0.0050	0.0043	mg/Kg			10/03/25 18:56	1
Methyl tert-butyl ether	0.0010	U	0.0010	0.00051	mg/Kg			10/03/25 18:56	1
Methylcyclohexane	0.0010	U	0.0010	0.00050	mg/Kg			10/03/25 18:56	1
Methylene Chloride	0.0020	U	0.0020	0.0011	mg/Kg			10/03/25 18:56	1
m-Xylene & p-Xylene	0.0010	U	0.0010	0.00042	mg/Kg			10/03/25 18:56	1
n-Butylbenzene	0.0010	U	0.0010	0.00029	mg/Kg			10/03/25 18:56	1
N-Propylbenzene	0.0010	U	0.0010	0.00045	mg/Kg			10/03/25 18:56	1
o-Xylene	0.0010	U	0.0010	0.00046	mg/Kg			10/03/25 18:56	1
sec-Butylbenzene	0.0010	U	0.0010	0.00029	mg/Kg			10/03/25 18:56	1
Styrene	0.0010	U	0.0010	0.00028	mg/Kg			10/03/25 18:56	1
tert-Butylbenzene	0.0010	U	0.0010	0.00028	mg/Kg			10/03/25 18:56	1
Tetrachloroethene	0.0010	U	0.0010	0.00031	mg/Kg			10/03/25 18:56	1
Toluene	0.0010	U	0.0010	0.00023	mg/Kg			10/03/25 18:56	1

Method: 8260D - Volatile Organic Compounds by GC/MS (Continued)

Lab Sample ID: MB 460-1065633/7
Matrix: Solid
Analysis Batch: 1065633

Client Sample ID: Method Blank
Prep Type: Total/NA

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
trans-1,2-Dichloroethene	0.0010	U	0.0010	0.00025	mg/Kg			10/03/25 18:56	1
trans-1,2-Dichloroethene	0.0010	U	0.0010	0.00025	mg/Kg			10/03/25 18:56	1
trans-1,3-Dichloropropene	0.0010	U	0.0010	0.00027	mg/Kg			10/03/25 18:56	1
Trichloroethene	0.0010	U	0.0010	0.00032	mg/Kg			10/03/25 18:56	1
Trichlorofluoromethane	0.0010	U	0.0010	0.00041	mg/Kg			10/03/25 18:56	1
Vinyl chloride	0.0010	U	0.0010	0.00055	mg/Kg			10/03/25 18:56	1
Xylenes, Total	0.0020	U	0.0020	0.00017	mg/Kg			10/03/25 18:56	1

Surrogate	*MB %Recovery*	*MB Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,2-Dichloroethane-d4 (Surr)	*106*		*65 - 138*		*10/03/25 18:56*	*1*
4-Bromofluorobenzene	*93*		*71 - 128*		*10/03/25 18:56*	*1*
Dibromofluoromethane (Surr)	*95*		*50 - 150*		*10/03/25 18:56*	*1*
Toluene-d8 (Surr)	*102*		*71 - 126*		*10/03/25 18:56*	*1*

Lab Sample ID: LCS 460-1065633/2
Matrix: Solid
Analysis Batch: 1065633

Client Sample ID: Lab Control Sample
Prep Type: Total/NA

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
1,1,1-Trichloroethane	0.0200	0.0178		mg/Kg		89	78 - 120
1,1,2,2-Tetrachloroethane	0.0200	0.0221		mg/Kg		111	70 - 133
1,1,2-Trichloro-1,2,2-trifluoroethane	0.0200	0.0178		mg/Kg		89	75 - 121
1,1,2-Trichloroethane	0.0200	0.0204		mg/Kg		102	80 - 120
1,1-Dichloroethane	0.0200	0.0209		mg/Kg		105	72 - 120
1,1-Dichloroethene	0.0200	0.0173		mg/Kg		86	76 - 120
1,2,3-Trichlorobenzene	0.0200	0.0170		mg/Kg		85	77 - 137
1,2,4-Trichlorobenzene	0.0200	0.0161		mg/Kg		80	77 - 136
1,2,4-Trimethylbenzene	0.0200	0.0179		mg/Kg		90	75 - 120
1,2-Dibromo-3-Chloropropane	0.0200	0.0174		mg/Kg		87	80 - 124
1,2-Dichlorobenzene	0.0200	0.0182		mg/Kg		91	80 - 120
1,2-Dichloroethane	0.0200	0.0191		mg/Kg		96	70 - 123
1,2-Dichloropropane	0.0200	0.0223		mg/Kg		111	73 - 124
1,3,5-Trimethylbenzene	0.0200	0.0184		mg/Kg		92	70 - 120
1,3-Dichlorobenzene	0.0200	0.0171		mg/Kg		85	80 - 120
1,4-Dichlorobenzene	0.0200	0.0173		mg/Kg		87	80 - 120
2-Butanone (MEK)	0.100	0.0696		mg/Kg		70	64 - 128
2-Hexanone	0.100	0.0825		mg/Kg		82	75 - 120
4-Methyl-2-pentanone (MIBK)	0.100	0.0880		mg/Kg		88	80 - 120
Acetone	0.100	0.0818		mg/Kg		82	58 - 122
Benzene	0.0200	0.0204		mg/Kg		102	75 - 120
Bromoform	0.0200	0.0258	*	mg/Kg		129	61 - 125
Bromomethane	0.0200	0.0180		mg/Kg		90	37 - 150
Carbon disulfide	0.0200	0.0194		mg/Kg		97	57 - 133
Carbon tetrachloride	0.0200	0.0211		mg/Kg		106	66 - 127
Chlorobenzene	0.0200	0.0180		mg/Kg		90	80 - 120
Chlorobromomethane	0.0200	0.0165		mg/Kg		83	76 - 127
Chlorodibromomethane	0.0200	0.0244	*	mg/Kg		122	72 - 120
Chloroethane	0.0200	0.0217		mg/Kg		109	60 - 123

Method: 8260D - Volatile Organic Compounds by GC/MS (Continued)

Lab Sample ID: LCS 460-1065633/2
Matrix: Solid
Analysis Batch: 1065633

Client Sample ID: Lab Control Sample
Prep Type: Total/NA

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
Chloroform	0.0200	0.0182		mg/Kg		91	79 - 126
Chloromethane	0.0200	0.0206		mg/Kg		103	46 - 122
cis-1,2-Dichloroethene	0.0200	0.0173		mg/Kg		86	80 - 123
cis-1,3-Dichloropropene	0.0200	0.0217		mg/Kg		108	75 - 120
Cyclohexane	0.0200	0.0176		mg/Kg		88	65 - 132
Dichlorobromomethane	0.0200	0.0204		mg/Kg		102	77 - 124
Dichlorodifluoromethane	0.0200	0.0170		mg/Kg		85	45 - 129
Ethylbenzene	0.0200	0.0182		mg/Kg		91	80 - 120
Ethylene Dibromide	0.0200	0.0187		mg/Kg		93	79 - 120
Isopropylbenzene	0.0200	0.0181		mg/Kg		90	74 - 120
Methyl acetate	0.0400	0.0546	*	mg/Kg		136	57 - 120
Methyl tert-butyl ether	0.0200	0.0184		mg/Kg		92	74 - 125
Methylcyclohexane	0.0200	0.0177		mg/Kg		88	66 - 125
Methylene Chloride	0.0200	0.0186		mg/Kg		93	78 - 120
m-Xylene & p-Xylene	0.0200	0.0177		mg/Kg		89	80 - 120
n-Butylbenzene	0.0200	0.0194		mg/Kg		97	72 - 120
N-Propylbenzene	0.0200	0.0176		mg/Kg		88	68 - 120
o-Xylene	0.0200	0.0180		mg/Kg		90	80 - 120
sec-Butylbenzene	0.0200	0.0184		mg/Kg		92	78 - 120
Styrene	0.0200	0.0165		mg/Kg		83	80 - 120
tert-Butylbenzene	0.0200	0.0178		mg/Kg		89	80 - 120
Tetrachloroethene	0.0200	0.0162		mg/Kg		81	73 - 120
Toluene	0.0200	0.0182		mg/Kg		91	80 - 120
trans-1,2-Dichloroethene	0.0200	0.0172		mg/Kg		86	78 - 120
trans-1,3-Dichloropropene	0.0200	0.0203		mg/Kg		102	77 - 120
Trichloroethene	0.0200	0.0170		mg/Kg		85	80 - 120
Trichlorofluoromethane	0.0200	0.0171		mg/Kg		86	61 - 130
Vinyl chloride	0.0200	0.0216		mg/Kg		108	54 - 122
Xylenes, Total	0.0400	0.0357		mg/Kg		89	80 - 120

Surrogate	*LCS %Recovery*	*LCS Qualifier*	*Limits*
1,2-Dichloroethane-d4 (Surr)	*107*		*65 - 138*
4-Bromofluorobenzene	*94*		*71 - 128*
Dibromofluoromethane (Surr)	*95*		*50 - 150*
Toluene-d8 (Surr)	*106*		*71 - 126*

Lab Sample ID: LCSD 460-1065633/4
Matrix: Solid
Analysis Batch: 1065633

Client Sample ID: Lab Control Sample Dup
Prep Type: Total/NA

Analyte	Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
1,1,1-Trichloroethane	0.0200	0.0171		mg/Kg		86	78 - 120	4	30
1,1,2,2-Tetrachloroethane	0.0200	0.0219		mg/Kg		109	70 - 133	1	30
1,1,2-Trichloro-1,2,2-trifluoroethane	0.0200	0.0158		mg/Kg		79	75 - 121	12	30
1,1,2-Trichloroethane	0.0200	0.0197		mg/Kg		99	80 - 120	3	30
1,1-Dichloroethane	0.0200	0.0204		mg/Kg		102	72 - 120	3	30
1,1-Dichloroethene	0.0200	0.0156		mg/Kg		78	76 - 120	10	30
1,2,3-Trichlorobenzene	0.0200	0.0169		mg/Kg		85	77 - 137	0	30

Method: 8260D - Volatile Organic Compounds by GC/MS (Continued)

Lab Sample ID: LCSD 460-1065633/4
Matrix: Solid
Analysis Batch: 1065633

Client Sample ID: Lab Control Sample Dup
Prep Type: Total/NA

Analyte	Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
1,2,4-Trichlorobenzene	0.0200	0.0164		mg/Kg		82	77 - 136	2	30
1,2,4-Trimethylbenzene	0.0200	0.0178		mg/Kg		89	75 - 120	0	30
1,2-Dibromo-3-Chloropropane	0.0200	0.0170		mg/Kg		85	80 - 124	3	30
1,2-Dichlorobenzene	0.0200	0.0178		mg/Kg		89	80 - 120	2	30
1,2-Dichloroethane	0.0200	0.0184		mg/Kg		92	70 - 123	4	30
1,2-Dichloropropane	0.0200	0.0216		mg/Kg		108	73 - 124	3	30
1,3,5-Trimethylbenzene	0.0200	0.0180		mg/Kg		90	70 - 120	2	30
1,3-Dichlorobenzene	0.0200	0.0171		mg/Kg		85	80 - 120	0	30
1,4-Dichlorobenzene	0.0200	0.0173		mg/Kg		86	80 - 120	0	30
2-Butanone (MEK)	0.100	0.0691		mg/Kg		69	64 - 128	1	30
2-Hexanone	0.100	0.0833		mg/Kg		83	75 - 120	1	30
4-Methyl-2-pentanone (MIBK)	0.100	0.0881		mg/Kg		88	80 - 120	0	30
Acetone	0.100	0.0792		mg/Kg		79	58 - 122	3	30
Benzene	0.0200	0.0195		mg/Kg		97	75 - 120	5	30
Bromoform	0.0200	0.0263	*	mg/Kg		131	61 - 125	2	30
Bromomethane	0.0200	0.0173		mg/Kg		86	37 - 150	4	30
Carbon disulfide	0.0200	0.0180		mg/Kg		90	57 - 133	8	30
Carbon tetrachloride	0.0200	0.0204		mg/Kg		102	66 - 127	3	30
Chlorobenzene	0.0200	0.0175		mg/Kg		87	80 - 120	3	30
Chlorobromomethane	0.0200	0.0160		mg/Kg		80	76 - 127	3	30
Chlorodibromomethane	0.0200	0.0240		mg/Kg		120	72 - 120	2	30
Chloroethane	0.0200	0.0209		mg/Kg		104	60 - 123	4	30
Chloroform	0.0200	0.0178		mg/Kg		89	79 - 126	2	30
Chloromethane	0.0200	0.0204		mg/Kg		102	46 - 122	1	30
cis-1,2-Dichloroethene	0.0200	0.0166		mg/Kg		83	80 - 123	4	30
cis-1,3-Dichloropropene	0.0200	0.0208		mg/Kg		104	75 - 120	4	30
Cyclohexane	0.0200	0.0172		mg/Kg		86	65 - 132	2	30
Dichlorobromomethane	0.0200	0.0200		mg/Kg		100	77 - 124	2	30
Dichlorodifluoromethane	0.0200	0.0163		mg/Kg		82	45 - 129	4	30
Ethylbenzene	0.0200	0.0172		mg/Kg		86	80 - 120	5	30
Ethylene Dibromide	0.0200	0.0183		mg/Kg		91	79 - 120	2	30
Isopropylbenzene	0.0200	0.0174		mg/Kg		87	74 - 120	3	30
Methyl acetate	0.0400	0.0522	*	mg/Kg		131	57 - 120	4	30
Methyl tert-butyl ether	0.0200	0.0180		mg/Kg		90	74 - 125	2	30
Methylcyclohexane	0.0200	0.0169		mg/Kg		85	66 - 125	4	30
Methylene Chloride	0.0200	0.0178		mg/Kg		89	78 - 120	5	30
m-Xylene & p-Xylene	0.0200	0.0170		mg/Kg		85	80 - 120	4	30
n-Butylbenzene	0.0200	0.0194		mg/Kg		97	72 - 120	0	30
N-Propylbenzene	0.0200	0.0173		mg/Kg		87	68 - 120	2	30
o-Xylene	0.0200	0.0174		mg/Kg		87	80 - 120	3	30
sec-Butylbenzene	0.0200	0.0179		mg/Kg		90	78 - 120	3	30
Styrene	0.0200	0.0163		mg/Kg		81	80 - 120	1	30
tert-Butylbenzene	0.0200	0.0173		mg/Kg		86	80 - 120	3	30
Tetrachloroethene	0.0200	0.0157		mg/Kg		78	73 - 120	4	30
Toluene	0.0200	0.0176		mg/Kg		88	80 - 120	4	30
trans-1,2-Dichloroethene	0.0200	0.0163		mg/Kg		81	78 - 120	6	30
trans-1,3-Dichloropropene	0.0200	0.0199		mg/Kg		100	77 - 120	2	30
Trichloroethene	0.0200	0.0166		mg/Kg		83	80 - 120	3	30
Trichlorofluoromethane	0.0200	0.0167		mg/Kg		84	61 - 130	2	30

Method: 8260D - Volatile Organic Compounds by GC/MS (Continued)

Lab Sample ID: LCSD 460-1065633/4
Matrix: Solid
Analysis Batch: 1065633

Client Sample ID: Lab Control Sample Dup
Prep Type: Total/NA

Analyte			Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Vinyl chloride			0.0200	0.0208		mg/Kg		104	54 - 122	3	30
Xylenes, Total			0.0400	0.0345		mg/Kg		86	80 - 120	4	30

Surrogate	*LCSD %Recovery*	*LCSD Qualifier*	*Limits*
1,2-Dichloroethane-d4 (Surr)	*106*		*65 - 138*
4-Bromofluorobenzene	*94*		*71 - 128*
Dibromofluoromethane (Surr)	*94*		*50 - 150*
Toluene-d8 (Surr)	*105*		*71 - 126*

Lab Sample ID: MB 460-1065636/8
Matrix: Solid
Analysis Batch: 1065636

Client Sample ID: Method Blank
Prep Type: Total/NA

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1-Trichloroethane	0.0010	U	0.0010	0.00023	mg/Kg			10/03/25 19:29	1
1,1,2,2-Tetrachloroethane	0.0010	U	0.0010	0.00052	mg/Kg			10/03/25 19:29	1
1,1,2-Trichloro-1,2,2-trifluoroethane	0.0010	U	0.0010	0.00030	mg/Kg			10/03/25 19:29	1
1,1,2-Trichloroethane	0.0010	U	0.0010	0.00060	mg/Kg			10/03/25 19:29	1
1,1-Dichloroethane	0.0010	U	0.0010	0.00060	mg/Kg			10/03/25 19:29	1
1,1-Dichloroethene	0.0010	U	0.0010	0.00023	mg/Kg			10/03/25 19:29	1
1,2,3-Trichlorobenzene	0.0010	U	0.0010	0.00074	mg/Kg			10/03/25 19:29	1
1,2,4-Trichlorobenzene	0.0010	U	0.0010	0.00036	mg/Kg			10/03/25 19:29	1
1,2,4-Trimethylbenzene	0.0010	U	0.0010	0.00025	mg/Kg			10/03/25 19:29	1
1,2-Dibromo-3-Chloropropane	0.0010	U	0.0010	0.00046	mg/Kg			10/03/25 19:29	1
1,2-Dichlorobenzene	0.0010	U	0.0010	0.00036	mg/Kg			10/03/25 19:29	1
1,2-Dichloroethane	0.0010	U	0.0010	0.00030	mg/Kg			10/03/25 19:29	1
1,2-Dichloropropane	0.0010	U	0.0010	0.00042	mg/Kg			10/03/25 19:29	1
1,3,5-Trimethylbenzene	0.0010	U	0.0010	0.00031	mg/Kg			10/03/25 19:29	1
1,3-Dichlorobenzene	0.0010	U	0.0010	0.00037	mg/Kg			10/03/25 19:29	1
1,4-Dichlorobenzene	0.0010	U	0.0010	0.00052	mg/Kg			10/03/25 19:29	1
2-Butanone (MEK)	0.0050	U	0.0050	0.00037	mg/Kg			10/03/25 19:29	1
2-Hexanone	0.0050	U	0.0050	0.0017	mg/Kg			10/03/25 19:29	1
4-Methyl-2-pentanone (MIBK)	0.0050	U	0.0050	0.0016	mg/Kg			10/03/25 19:29	1
Acetone	0.0060	U	0.0060	0.0057	mg/Kg			10/03/25 19:29	1
Benzene	0.0010	U	0.0010	0.00057	mg/Kg			10/03/25 19:29	1
Bromoform	0.0010	U	0.0010	0.00043	mg/Kg			10/03/25 19:29	1
Bromomethane	0.0020	U	0.0020	0.0010	mg/Kg			10/03/25 19:29	1
Carbon disulfide	0.0010	U	0.0010	0.00027	mg/Kg			10/03/25 19:29	1
Carbon tetrachloride	0.0010	U	0.0010	0.00039	mg/Kg			10/03/25 19:29	1
Chlorobenzene	0.0010	U	0.0010	0.00051	mg/Kg			10/03/25 19:29	1
Chlorobromomethane	0.0010	U	0.0010	0.00060	mg/Kg			10/03/25 19:29	1
Chlorodibromomethane	0.0010	U	0.0010	0.00054	mg/Kg			10/03/25 19:29	1
Chloroethane	0.0010	U	0.0010	0.00052	mg/Kg			10/03/25 19:29	1
Chloroform	0.0010	U	0.0010	0.00097	mg/Kg			10/03/25 19:29	1
Chloromethane	0.0010	U	0.0010	0.00044	mg/Kg			10/03/25 19:29	1
cis-1,2-Dichloroethene	0.0010	U	0.0010	0.00036	mg/Kg			10/03/25 19:29	1
cis-1,3-Dichloropropene	0.0010	U	0.0010	0.00027	mg/Kg			10/03/25 19:29	1
Cyclohexane	0.0010	U	0.0010	0.00022	mg/Kg			10/03/25 19:29	1

Method: 8260D - Volatile Organic Compounds by GC/MS (Continued)

Lab Sample ID: MB 460-1065636/8
Matrix: Solid
Analysis Batch: 1065636

Client Sample ID: Method Blank
Prep Type: Total/NA

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Dichlorobromomethane	0.0010	U	0.0010	0.00026	mg/Kg			10/03/25 19:29	1
Dichlorobromomethane	0.0010	U	0.0010	0.00026	mg/Kg			10/03/25 19:29	1
Dichlorodifluoromethane	0.0010	U	0.0010	0.00034	mg/Kg			10/03/25 19:29	1
Ethylbenzene	0.0010	U	0.0010	0.00047	mg/Kg			10/03/25 19:29	1
Ethylene Dibromide	0.0010	U	0.0010	0.00050	mg/Kg			10/03/25 19:29	1
Isopropylbenzene	0.0010	U	0.0010	0.00029	mg/Kg			10/03/25 19:29	1
Methyl acetate	0.0050	U	0.0050	0.0043	mg/Kg			10/03/25 19:29	1
Methyl tert-butyl ether	0.0010	U	0.0010	0.00051	mg/Kg			10/03/25 19:29	1
Methylcyclohexane	0.0010	U	0.0010	0.00050	mg/Kg			10/03/25 19:29	1
Methylene Chloride	0.0020	U	0.0020	0.0011	mg/Kg			10/03/25 19:29	1
m-Xylene & p-Xylene	0.0010	U	0.0010	0.00042	mg/Kg			10/03/25 19:29	1
n-Butylbenzene	0.0010	U	0.0010	0.00029	mg/Kg			10/03/25 19:29	1
N-Propylbenzene	0.0010	U	0.0010	0.00045	mg/Kg			10/03/25 19:29	1
o-Xylene	0.0010	U	0.0010	0.00046	mg/Kg			10/03/25 19:29	1
sec-Butylbenzene	0.0010	U	0.0010	0.00029	mg/Kg			10/03/25 19:29	1
Styrene	0.0010	U	0.0010	0.00028	mg/Kg			10/03/25 19:29	1
tert-Butylbenzene	0.0010	U	0.0010	0.00028	mg/Kg			10/03/25 19:29	1
Tetrachloroethene	0.0010	U	0.0010	0.00031	mg/Kg			10/03/25 19:29	1
Toluene	0.0010	U	0.0010	0.00023	mg/Kg			10/03/25 19:29	1
trans-1,2-Dichloroethene	0.0010	U	0.0010	0.00025	mg/Kg			10/03/25 19:29	1
trans-1,3-Dichloropropene	0.0010	U	0.0010	0.00027	mg/Kg			10/03/25 19:29	1
Trichloroethene	0.0010	U	0.0010	0.00032	mg/Kg			10/03/25 19:29	1
Trichlorofluoromethane	0.0010	U	0.0010	0.00041	mg/Kg			10/03/25 19:29	1
Vinyl chloride	0.0010	U	0.0010	0.00055	mg/Kg			10/03/25 19:29	1
Xylenes, Total	0.0020	U	0.0020	0.00017	mg/Kg			10/03/25 19:29	1

Surrogate	*MB %Recovery*	*MB Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,2-Dichloroethane-d4 (Surr)	*117*		*65 - 138*		*10/03/25 19:29*	*1*
4-Bromofluorobenzene	*100*		*71 - 128*		*10/03/25 19:29*	*1*
Dibromofluoromethane (Surr)	*111*		*50 - 150*		*10/03/25 19:29*	*1*
Toluene-d8 (Surr)	*107*		*71 - 126*		*10/03/25 19:29*	*1*

Lab Sample ID: LCS 460-1065636/2
Matrix: Solid
Analysis Batch: 1065636

Client Sample ID: Lab Control Sample
Prep Type: Total/NA

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
1,1,1-Trichloroethane	0.0200	0.0198		mg/Kg		99	78 - 120
1,1,2,2-Tetrachloroethane	0.0200	0.0192		mg/Kg		96	70 - 133
1,1,2-Trichloro-1,2,2-trifluoroethane	0.0200	0.0202		mg/Kg		101	75 - 121
1,1,2-Trichloroethane	0.0200	0.0187		mg/Kg		94	80 - 120
1,1-Dichloroethane	0.0200	0.0199		mg/Kg		100	72 - 120
1,1-Dichloroethene	0.0200	0.0189		mg/Kg		95	76 - 120
1,2,3-Trichlorobenzene	0.0200	0.0195		mg/Kg		97	77 - 137
1,2,4-Trichlorobenzene	0.0200	0.0193		mg/Kg		96	77 - 136
1,2,4-Trimethylbenzene	0.0200	0.0186		mg/Kg		93	75 - 120
1,2-Dibromo-3-Chloropropane	0.0200	0.0190		mg/Kg		95	80 - 124
1,2-Dichlorobenzene	0.0200	0.0183		mg/Kg		92	80 - 120

Method: 8260D - Volatile Organic Compounds by GC/MS (Continued)

Lab Sample ID: LCS 460-1065636/2
Matrix: Solid
Analysis Batch: 1065636

Client Sample ID: Lab Control Sample
Prep Type: Total/NA

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
1,2-Dichloroethane	0.0200	0.0205		mg/Kg		102	70 - 123
1,2-Dichloropropane	0.0200	0.0196		mg/Kg		98	73 - 124
1,3,5-Trimethylbenzene	0.0200	0.0186		mg/Kg		93	70 - 120
1,3-Dichlorobenzene	0.0200	0.0183		mg/Kg		92	80 - 120
1,4-Dichlorobenzene	0.0200	0.0184		mg/Kg		92	80 - 120
2-Butanone (MEK)	0.100	0.101		mg/Kg		101	64 - 128
2-Hexanone	0.100	0.104		mg/Kg		104	75 - 120
4-Methyl-2-pentanone (MIBK)	0.100	0.103		mg/Kg		103	80 - 120
Acetone	0.100	0.0955		mg/Kg		95	58 - 122
Benzene	0.0200	0.0188		mg/Kg		94	75 - 120
Bromoform	0.0200	0.0169		mg/Kg		85	61 - 125
Bromomethane	0.0200	0.0122		mg/Kg		61	37 - 150
Carbon disulfide	0.0200	0.0179		mg/Kg		89	57 - 133
Carbon tetrachloride	0.0200	0.0187		mg/Kg		94	66 - 127
Chlorobenzene	0.0200	0.0188		mg/Kg		94	80 - 120
Chlorobromomethane	0.0200	0.0189		mg/Kg		95	76 - 127
Chlorodibromomethane	0.0200	0.0176		mg/Kg		88	72 - 120
Chloroethane	0.0200	0.0177		mg/Kg		88	60 - 123
Chloroform	0.0200	0.0202		mg/Kg		101	79 - 126
Chloromethane	0.0200	0.0158		mg/Kg		79	46 - 122
cis-1,2-Dichloroethene	0.0200	0.0191		mg/Kg		95	80 - 123
cis-1,3-Dichloropropene	0.0200	0.0179		mg/Kg		90	75 - 120
Cyclohexane	0.0200	0.0196		mg/Kg		98	65 - 132
Dichlorobromomethane	0.0200	0.0189		mg/Kg		95	77 - 124
Dichlorodifluoromethane	0.0200	0.0163		mg/Kg		82	45 - 129
Ethylbenzene	0.0200	0.0183		mg/Kg		92	80 - 120
Ethylene Dibromide	0.0200	0.0194		mg/Kg		97	79 - 120
Isopropylbenzene	0.0200	0.0188		mg/Kg		94	74 - 120
Methyl acetate	0.0400	0.0419		mg/Kg		105	57 - 120
Methyl tert-butyl ether	0.0200	0.0198		mg/Kg		99	74 - 125
Methylcyclohexane	0.0200	0.0197		mg/Kg		99	66 - 125
Methylene Chloride	0.0200	0.0193		mg/Kg		97	78 - 120
m-Xylene & p-Xylene	0.0200	0.0188		mg/Kg		94	80 - 120
n-Butylbenzene	0.0200	0.0195		mg/Kg		97	72 - 120
N-Propylbenzene	0.0200	0.0184		mg/Kg		92	68 - 120
o-Xylene	0.0200	0.0188		mg/Kg		94	80 - 120
sec-Butylbenzene	0.0200	0.0192		mg/Kg		96	78 - 120
Styrene	0.0200	0.0197		mg/Kg		98	80 - 120
tert-Butylbenzene	0.0200	0.0195		mg/Kg		97	80 - 120
Tetrachloroethene	0.0200	0.0183		mg/Kg		92	73 - 120
Toluene	0.0200	0.0185		mg/Kg		93	80 - 120
trans-1,2-Dichloroethene	0.0200	0.0191		mg/Kg		96	78 - 120
trans-1,3-Dichloropropene	0.0200	0.0177		mg/Kg		89	77 - 120
Trichloroethene	0.0200	0.0193		mg/Kg		97	80 - 120
Trichlorofluoromethane	0.0200	0.0179		mg/Kg		90	61 - 130
Vinyl chloride	0.0200	0.0184		mg/Kg		92	54 - 122
Xylenes, Total	0.0400	0.0375		mg/Kg		94	80 - 120

Method: 8260D - Volatile Organic Compounds by GC/MS (Continued)

Lab Sample ID: LCS 460-1065636/2
Matrix: Solid
Analysis Batch: 1065636

Client Sample ID: Lab Control Sample
Prep Type: Total/NA

Surrogate	LCS %Recovery	LCS Qualifier	Limits
1,2-Dichloroethane-d4 (Surr)	*106*		*65 - 138*
4-Bromofluorobenzene	*93*		*71 - 128*
Dibromofluoromethane (Surr)	*103*		*50 - 150*
Toluene-d8 (Surr)	*101*		*71 - 126*

Lab Sample ID: LCSD 460-1065636/4
Matrix: Solid
Analysis Batch: 1065636

Client Sample ID: Lab Control Sample Dup
Prep Type: Total/NA

Analyte			Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
1,1,1-Trichloroethane			0.0200	0.0223		mg/Kg		112	78 - 120	12	30
1,1,2,2-Tetrachloroethane			0.0200	0.0212		mg/Kg		106	70 - 133	10	30
1,1,2-Trichloro-1,2,2-trifluoroethane			0.0200	0.0229		mg/Kg		115	75 - 121	13	30
1,1,2-Trichloroethane			0.0200	0.0203		mg/Kg		102	80 - 120	8	30
1,1-Dichloroethane			0.0200	0.0224		mg/Kg		112	72 - 120	12	30
1,1-Dichloroethene			0.0200	0.0213		mg/Kg		106	76 - 120	12	30
1,2,3-Trichlorobenzene			0.0200	0.0211		mg/Kg		105	77 - 137	8	30
1,2,4-Trichlorobenzene			0.0200	0.0207		mg/Kg		104	77 - 136	7	30
1,2,4-Trimethylbenzene			0.0200	0.0208		mg/Kg		104	75 - 120	11	30
1,2-Dibromo-3-Chloropropane			0.0200	0.0207		mg/Kg		104	80 - 124	8	30
1,2-Dichlorobenzene			0.0200	0.0202		mg/Kg		101	80 - 120	10	30
1,2-Dichloroethane			0.0200	0.0226		mg/Kg		113	70 - 123	10	30
1,2-Dichloropropane			0.0200	0.0216		mg/Kg		108	73 - 124	10	30
1,3,5-Trimethylbenzene			0.0200	0.0212		mg/Kg		106	70 - 120	13	30
1,3-Dichlorobenzene			0.0200	0.0204		mg/Kg		102	80 - 120	11	30
1,4-Dichlorobenzene			0.0200	0.0204		mg/Kg		102	80 - 120	10	30
2-Butanone (MEK)			0.100	0.110		mg/Kg		110	64 - 128	9	30
2-Hexanone			0.100	0.111		mg/Kg		111	75 - 120	7	30
4-Methyl-2-pentanone (MIBK)			0.100	0.110		mg/Kg		110	80 - 120	6	30
Acetone			0.100	0.102		mg/Kg		102	58 - 122	6	30
Benzene			0.0200	0.0207		mg/Kg		103	75 - 120	10	30
Bromoform			0.0200	0.0187		mg/Kg		94	61 - 125	10	30
Bromomethane			0.0200	0.0139		mg/Kg		69	37 - 150	13	30
Carbon disulfide			0.0200	0.0203		mg/Kg		101	57 - 133	13	30
Carbon tetrachloride			0.0200	0.0214		mg/Kg		107	66 - 127	13	30
Chlorobenzene			0.0200	0.0205		mg/Kg		103	80 - 120	9	30
Chlorobromomethane			0.0200	0.0222		mg/Kg		111	76 - 127	16	30
Chlorodibromomethane			0.0200	0.0191		mg/Kg		96	72 - 120	9	30
Chloroethane			0.0200	0.0198		mg/Kg		99	60 - 123	11	30
Chloroform			0.0200	0.0227		mg/Kg		114	79 - 126	12	30
Chloromethane			0.0200	0.0179		mg/Kg		90	46 - 122	12	30
cis-1,2-Dichloroethene			0.0200	0.0216		mg/Kg		108	80 - 123	12	30
cis-1,3-Dichloropropene			0.0200	0.0199		mg/Kg		100	75 - 120	11	30
Cyclohexane			0.0200	0.0225		mg/Kg		112	65 - 132	13	30
Dichlorobromomethane			0.0200	0.0211		mg/Kg		106	77 - 124	11	30
Dichlorodifluoromethane			0.0200	0.0179		mg/Kg		89	45 - 129	9	30
Ethylbenzene			0.0200	0.0207		mg/Kg		104	80 - 120	12	30
Ethylene Dibromide			0.0200	0.0204		mg/Kg		102	79 - 120	5	30

Method: 8260D - Volatile Organic Compounds by GC/MS (Continued)

Lab Sample ID: LCSD 460-1065636/4
Matrix: Solid
Analysis Batch: 1065636

Client Sample ID: Lab Control Sample Dup
Prep Type: Total/NA

Analyte	Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Isopropylbenzene	0.0200	0.0210		mg/Kg		105	74 - 120	11	30
Methyl acetate	0.0400	0.0454		mg/Kg		113	57 - 120	8	30
Methyl tert-butyl ether	0.0200	0.0214		mg/Kg		107	74 - 125	8	30
Methylcyclohexane	0.0200	0.0224		mg/Kg		112	66 - 125	13	30
Methylene Chloride	0.0200	0.0221		mg/Kg		110	78 - 120	13	30
m-Xylene & p-Xylene	0.0200	0.0206		mg/Kg		103	80 - 120	9	30
n-Butylbenzene	0.0200	0.0218		mg/Kg		109	72 - 120	11	30
N-Propylbenzene	0.0200	0.0208		mg/Kg		104	68 - 120	12	30
o-Xylene	0.0200	0.0208		mg/Kg		104	80 - 120	10	30
sec-Butylbenzene	0.0200	0.0216		mg/Kg		108	78 - 120	12	30
Styrene	0.0200	0.0213		mg/Kg		106	80 - 120	8	30
tert-Butylbenzene	0.0200	0.0220		mg/Kg		110	80 - 120	12	30
Tetrachloroethene	0.0200	0.0205		mg/Kg		102	73 - 120	11	30
Toluene	0.0200	0.0206		mg/Kg		103	80 - 120	11	30
trans-1,2-Dichloroethene	0.0200	0.0218		mg/Kg		109	78 - 120	13	30
trans-1,3-Dichloropropene	0.0200	0.0191		mg/Kg		96	77 - 120	8	30
Trichloroethene	0.0200	0.0218		mg/Kg		109	80 - 120	12	30
Trichlorofluoromethane	0.0200	0.0201		mg/Kg		101	61 - 130	11	30
Vinyl chloride	0.0200	0.0211		mg/Kg		105	54 - 122	14	30
Xylenes, Total	0.0400	0.0414		mg/Kg		103	80 - 120	10	30

Surrogate	*LCSD %Recovery*	*LCSD Qualifier*	*Limits*
1,2-Dichloroethane-d4 (Surr)	*122*		*65 - 138*
4-Bromofluorobenzene	*103*		*71 - 128*
Dibromofluoromethane (Surr)	*114*		*50 - 150*
Toluene-d8 (Surr)	*113*		*71 - 126*

Lab Sample ID: MB 460-1065774/7
Matrix: Solid
Analysis Batch: 1065774

Client Sample ID: Method Blank
Prep Type: Total/NA

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1-Trichloroethane	0.0010	U	0.0010	0.00023	mg/Kg			10/03/25 19:41	1
1,1,2,2-Tetrachloroethane	0.0010	U	0.0010	0.00052	mg/Kg			10/03/25 19:41	1
1,1,2-Trichloro-1,2,2-trifluoroethane	0.0010	U	0.0010	0.00030	mg/Kg			10/03/25 19:41	1
1,1,2-Trichloroethane	0.0010	U	0.0010	0.00060	mg/Kg			10/03/25 19:41	1
1,1-Dichloroethane	0.0010	U	0.0010	0.00060	mg/Kg			10/03/25 19:41	1
1,1-Dichloroethene	0.0010	U	0.0010	0.00023	mg/Kg			10/03/25 19:41	1
1,2,3-Trichlorobenzene	0.0010	U	0.0010	0.00074	mg/Kg			10/03/25 19:41	1
1,2,4-Trichlorobenzene	0.0010	U	0.0010	0.00036	mg/Kg			10/03/25 19:41	1
1,2,4-Trimethylbenzene	0.0010	U	0.0010	0.00025	mg/Kg			10/03/25 19:41	1
1,2-Dibromo-3-Chloropropane	0.0010	U	0.0010	0.00046	mg/Kg			10/03/25 19:41	1
1,2-Dichlorobenzene	0.0010	U	0.0010	0.00036	mg/Kg			10/03/25 19:41	1
1,2-Dichloroethane	0.0010	U	0.0010	0.00030	mg/Kg			10/03/25 19:41	1
1,2-Dichloropropane	0.0010	U	0.0010	0.00042	mg/Kg			10/03/25 19:41	1
1,3,5-Trimethylbenzene	0.0010	U	0.0010	0.00031	mg/Kg			10/03/25 19:41	1
1,3-Dichlorobenzene	0.0010	U	0.0010	0.00037	mg/Kg			10/03/25 19:41	1
1,4-Dichlorobenzene	0.0010	U	0.0010	0.00052	mg/Kg			10/03/25 19:41	1

Method: 8260D - Volatile Organic Compounds by GC/MS (Continued)

Lab Sample ID: MB 460-1065774/7
Matrix: Solid
Analysis Batch: 1065774

Client Sample ID: Method Blank
Prep Type: Total/NA

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
2-Butanone (MEK)	0.0050	U	0.0050	0.00037	mg/Kg			10/03/25 19:41	1
2-Butanone (MEK)	0.0050	U	0.0050	0.00037	mg/Kg			10/03/25 19:41	1
2-Hexanone	0.0050	U	0.0050	0.0017	mg/Kg			10/03/25 19:41	1
4-Methyl-2-pentanone (MIBK)	0.0050	U	0.0050	0.0016	mg/Kg			10/03/25 19:41	1
Acetone	0.0060	U	0.0060	0.0057	mg/Kg			10/03/25 19:41	1
Benzene	0.0010	U	0.0010	0.00057	mg/Kg			10/03/25 19:41	1
Bromoform	0.0010	U	0.0010	0.00043	mg/Kg			10/03/25 19:41	1
Bromomethane	0.0020	U	0.0020	0.0010	mg/Kg			10/03/25 19:41	1
Carbon disulfide	0.0010	U	0.0010	0.00027	mg/Kg			10/03/25 19:41	1
Carbon tetrachloride	0.0010	U	0.0010	0.00039	mg/Kg			10/03/25 19:41	1
Chlorobenzene	0.0010	U	0.0010	0.00051	mg/Kg			10/03/25 19:41	1
Chlorobromomethane	0.0010	U	0.0010	0.00060	mg/Kg			10/03/25 19:41	1
Chlorodibromomethane	0.0010	U	0.0010	0.00054	mg/Kg			10/03/25 19:41	1
Chloroethane	0.0010	U	0.0010	0.00052	mg/Kg			10/03/25 19:41	1
Chloroform	0.0010	U	0.0010	0.00097	mg/Kg			10/03/25 19:41	1
Chloromethane	0.0010	U	0.0010	0.00044	mg/Kg			10/03/25 19:41	1
cis-1,2-Dichloroethene	0.0010	U	0.0010	0.00036	mg/Kg			10/03/25 19:41	1
cis-1,3-Dichloropropene	0.0010	U	0.0010	0.00027	mg/Kg			10/03/25 19:41	1
Cyclohexane	0.0010	U	0.0010	0.00022	mg/Kg			10/03/25 19:41	1
Dichlorobromomethane	0.0010	U	0.0010	0.00026	mg/Kg			10/03/25 19:41	1
Dichlorodifluoromethane	0.0010	U	0.0010	0.00034	mg/Kg			10/03/25 19:41	1
Ethylbenzene	0.0010	U	0.0010	0.00047	mg/Kg			10/03/25 19:41	1
Ethylene Dibromide	0.0010	U	0.0010	0.00050	mg/Kg			10/03/25 19:41	1
Isopropylbenzene	0.0010	U	0.0010	0.00029	mg/Kg			10/03/25 19:41	1
Methyl acetate	0.0050	U	0.0050	0.0043	mg/Kg			10/03/25 19:41	1
Methyl tert-butyl ether	0.0010	U	0.0010	0.00051	mg/Kg			10/03/25 19:41	1
Methylcyclohexane	0.0010	U	0.0010	0.00050	mg/Kg			10/03/25 19:41	1
Methylene Chloride	0.0020	U	0.0020	0.0011	mg/Kg			10/03/25 19:41	1
m-Xylene & p-Xylene	0.0010	U	0.0010	0.00042	mg/Kg			10/03/25 19:41	1
n-Butylbenzene	0.0010	U	0.0010	0.00029	mg/Kg			10/03/25 19:41	1
N-Propylbenzene	0.0010	U	0.0010	0.00045	mg/Kg			10/03/25 19:41	1
o-Xylene	0.0010	U	0.0010	0.00046	mg/Kg			10/03/25 19:41	1
sec-Butylbenzene	0.0010	U	0.0010	0.00029	mg/Kg			10/03/25 19:41	1
Styrene	0.0010	U	0.0010	0.00028	mg/Kg			10/03/25 19:41	1
tert-Butylbenzene	0.0010	U	0.0010	0.00028	mg/Kg			10/03/25 19:41	1
Tetrachloroethene	0.0010	U	0.0010	0.00031	mg/Kg			10/03/25 19:41	1
Toluene	0.0010	U	0.0010	0.00023	mg/Kg			10/03/25 19:41	1
trans-1,2-Dichloroethene	0.0010	U	0.0010	0.00025	mg/Kg			10/03/25 19:41	1
trans-1,3-Dichloropropene	0.0010	U	0.0010	0.00027	mg/Kg			10/03/25 19:41	1
Trichloroethene	0.0010	U	0.0010	0.00032	mg/Kg			10/03/25 19:41	1
Trichlorofluoromethane	0.0010	U	0.0010	0.00041	mg/Kg			10/03/25 19:41	1
Vinyl chloride	0.0010	U	0.0010	0.00055	mg/Kg			10/03/25 19:41	1
Xylenes, Total	0.0020	U	0.0020	0.00017	mg/Kg			10/03/25 19:41	1

Surrogate	*MB %Recovery*	*MB Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,2-Dichloroethane-d4 (Surr)	*107*		*65 - 138*		*10/03/25 19:41*	*1*
4-Bromofluorobenzene	*98*		*71 - 128*		*10/03/25 19:41*	*1*
Dibromofluoromethane (Surr)	*119*		*50 - 150*		*10/03/25 19:41*	*1*

Method: 8260D - Volatile Organic Compounds by GC/MS (Continued)

Lab Sample ID: MB 460-1065774/7
Matrix: Solid
Analysis Batch: 1065774

Client Sample ID: Method Blank
Prep Type: Total/NA

Surrogate	MB %Recovery	MB Qualifier	Limits	Prepared	Analyzed	Dil Fac
Toluene-d8 (Surr)	97		71 - 126		10/03/25 19:41	1

Lab Sample ID: LCS 460-1065774/3
Matrix: Solid
Analysis Batch: 1065774

Client Sample ID: Lab Control Sample
Prep Type: Total/NA

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
1,1,1-Trichloroethane	0.0200	0.0220		mg/Kg		110	78 - 120
1,1,2,2-Tetrachloroethane	0.0200	0.0191		mg/Kg		96	70 - 133
1,1,2-Trichloro-1,2,2-trifluoroethane	0.0200	0.0230		mg/Kg		115	75 - 121
1,1,2-Trichloroethane	0.0200	0.0190		mg/Kg		95	80 - 120
1,1-Dichloroethane	0.0200	0.0208		mg/Kg		104	72 - 120
1,1-Dichloroethene	0.0200	0.0218		mg/Kg		109	76 - 120
1,2,3-Trichlorobenzene	0.0200	0.0203		mg/Kg		101	77 - 137
1,2,4-Trichlorobenzene	0.0200	0.0199		mg/Kg		100	77 - 136
1,2,4-Trimethylbenzene	0.0200	0.0204		mg/Kg		102	75 - 120
1,2-Dibromo-3-Chloropropane	0.0200	0.0187		mg/Kg		93	80 - 124
1,2-Dichlorobenzene	0.0200	0.0212		mg/Kg		106	80 - 120
1,2-Dichloroethane	0.0200	0.0209		mg/Kg		104	70 - 123
1,2-Dichloropropane	0.0200	0.0195		mg/Kg		98	73 - 124
1,3,5-Trimethylbenzene	0.0200	0.0208		mg/Kg		104	70 - 120
1,3-Dichlorobenzene	0.0200	0.0208		mg/Kg		104	80 - 120
1,4-Dichlorobenzene	0.0200	0.0211		mg/Kg		105	80 - 120
2-Butanone (MEK)	0.100	0.0995		mg/Kg		100	64 - 128
2-Hexanone	0.100	0.103		mg/Kg		103	75 - 120
4-Methyl-2-pentanone (MIBK)	0.100	0.102		mg/Kg		102	80 - 120
Acetone	0.100	0.109		mg/Kg		109	58 - 122
Benzene	0.0200	0.0184		mg/Kg		92	75 - 120
Bromoform	0.0200	0.0194		mg/Kg		97	61 - 125
Bromomethane	0.0200	0.0136		mg/Kg		68	37 - 150
Carbon disulfide	0.0200	0.0198		mg/Kg		99	57 - 133
Carbon tetrachloride	0.0200	0.0216		mg/Kg		108	66 - 127
Chlorobenzene	0.0200	0.0199		mg/Kg		99	80 - 120
Chlorobromomethane	0.0200	0.0212		mg/Kg		106	76 - 127
Chlorodibromomethane	0.0200	0.0190		mg/Kg		95	72 - 120
Chloroethane	0.0200	0.0205		mg/Kg		102	60 - 123
Chloroform	0.0200	0.0210		mg/Kg		105	79 - 126
Chloromethane	0.0200	0.0183		mg/Kg		91	46 - 122
cis-1,2-Dichloroethene	0.0200	0.0215		mg/Kg		108	80 - 123
cis-1,3-Dichloropropene	0.0200	0.0185		mg/Kg		92	75 - 120
Cyclohexane	0.0200	0.0220		mg/Kg		110	65 - 132
Dichlorobromomethane	0.0200	0.0207		mg/Kg		103	77 - 124
Dichlorodifluoromethane	0.0200	0.0194		mg/Kg		97	45 - 129
Ethylbenzene	0.0200	0.0211		mg/Kg		106	80 - 120
Ethylene Dibromide	0.0200	0.0197		mg/Kg		99	79 - 120
Isopropylbenzene	0.0200	0.0213		mg/Kg		107	74 - 120
Methyl acetate	0.0400	0.0398		mg/Kg		99	57 - 120
Methyl tert-butyl ether	0.0200	0.0192		mg/Kg		96	74 - 125

Method: 8260D - Volatile Organic Compounds by GC/MS (Continued)

Lab Sample ID: LCS 460-1065774/3
Matrix: Solid
Analysis Batch: 1065774

Client Sample ID: Lab Control Sample
Prep Type: Total/NA

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
Methylcyclohexane	0.0200	0.0208		mg/Kg		104	66 - 125
Methylene Chloride	0.0200	0.0221		mg/Kg		111	78 - 120
m-Xylene & p-Xylene	0.0200	0.0215		mg/Kg		107	80 - 120
n-Butylbenzene	0.0200	0.0215		mg/Kg		108	72 - 120
N-Propylbenzene	0.0200	0.0208		mg/Kg		104	68 - 120
o-Xylene	0.0200	0.0212		mg/Kg		106	80 - 120
sec-Butylbenzene	0.0200	0.0211		mg/Kg		105	78 - 120
Styrene	0.0200	0.0203		mg/Kg		101	80 - 120
tert-Butylbenzene	0.0200	0.0209		mg/Kg		104	80 - 120
Tetrachloroethene	0.0200	0.0206		mg/Kg		103	73 - 120
Toluene	0.0200	0.0194		mg/Kg		97	80 - 120
trans-1,2-Dichloroethene	0.0200	0.0211		mg/Kg		105	78 - 120
trans-1,3-Dichloropropene	0.0200	0.0188		mg/Kg		94	77 - 120
Trichloroethene	0.0200	0.0207		mg/Kg		104	80 - 120
Trichlorofluoromethane	0.0200	0.0223		mg/Kg		111	61 - 130
Vinyl chloride	0.0200	0.0209		mg/Kg		105	54 - 122
Xylenes, Total	0.0400	0.0427		mg/Kg		107	80 - 120

Surrogate	*LCS %Recovery*	*LCS Qualifier*	*Limits*
1,2-Dichloroethane-d4 (Surr)	*102*		*65 - 138*
4-Bromofluorobenzene	*99*		*71 - 128*
Dibromofluoromethane (Surr)	*103*		*50 - 150*
Toluene-d8 (Surr)	*98*		*71 - 126*

Lab Sample ID: LCSD 460-1065774/4
Matrix: Solid
Analysis Batch: 1065774

Client Sample ID: Lab Control Sample Dup
Prep Type: Total/NA

Analyte	Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
1,1,1-Trichloroethane	0.0200	0.0221		mg/Kg		110	78 - 120	0	30
1,1,2,2-Tetrachloroethane	0.0200	0.0184		mg/Kg		92	70 - 133	4	30
1,1,2-Trichloro-1,2,2-trifluoroethane	0.0200	0.0230		mg/Kg		115	75 - 121	0	30
1,1,2-Trichloroethane	0.0200	0.0185		mg/Kg		93	80 - 120	3	30
1,1-Dichloroethane	0.0200	0.0211		mg/Kg		106	72 - 120	2	30
1,1-Dichloroethene	0.0200	0.0217		mg/Kg		108	76 - 120	1	30
1,2,3-Trichlorobenzene	0.0200	0.0194		mg/Kg		97	77 - 137	4	30
1,2,4-Trichlorobenzene	0.0200	0.0195		mg/Kg		97	77 - 136	2	30
1,2,4-Trimethylbenzene	0.0200	0.0203		mg/Kg		101	75 - 120	1	30
1,2-Dibromo-3-Chloropropane	0.0200	0.0182		mg/Kg		91	80 - 124	3	30
1,2-Dichlorobenzene	0.0200	0.0207		mg/Kg		103	80 - 120	2	30
1,2-Dichloroethane	0.0200	0.0203		mg/Kg		102	70 - 123	3	30
1,2-Dichloropropane	0.0200	0.0189		mg/Kg		95	73 - 124	3	30
1,3,5-Trimethylbenzene	0.0200	0.0205		mg/Kg		102	70 - 120	2	30
1,3-Dichlorobenzene	0.0200	0.0198		mg/Kg		99	80 - 120	5	30
1,4-Dichlorobenzene	0.0200	0.0206		mg/Kg		103	80 - 120	2	30
2-Butanone (MEK)	0.100	0.0911		mg/Kg		91	64 - 128	9	30
2-Hexanone	0.100	0.0977		mg/Kg		98	75 - 120	5	30
4-Methyl-2-pentanone (MIBK)	0.100	0.0956		mg/Kg		96	80 - 120	7	30

Method: 8260D - Volatile Organic Compounds by GC/MS (Continued)

Lab Sample ID: LCSD 460-1065774/4
Matrix: Solid
Analysis Batch: 1065774

Client Sample ID: Lab Control Sample Dup
Prep Type: Total/NA

Analyte			Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Acetone			0.100	0.105		mg/Kg		105	58 - 122	4	30
Benzene			0.0200	0.0182		mg/Kg		91	75 - 120	1	30
Bromoform			0.0200	0.0181		mg/Kg		91	61 - 125	7	30
Bromomethane			0.0200	0.0174		mg/Kg		87	37 - 150	25	30
Carbon disulfide			0.0200	0.0199		mg/Kg		100	57 - 133	0	30
Carbon tetrachloride			0.0200	0.0215		mg/Kg		107	66 - 127	1	30
Chlorobenzene			0.0200	0.0198		mg/Kg		99	80 - 120	0	30
Chlorobromomethane			0.0200	0.0214		mg/Kg		107	76 - 127	1	30
Chlorodibromomethane			0.0200	0.0185		mg/Kg		93	72 - 120	3	30
Chloroethane			0.0200	0.0220		mg/Kg		110	60 - 123	7	30
Chloroform			0.0200	0.0206		mg/Kg		103	79 - 126	2	30
Chloromethane			0.0200	0.0199		mg/Kg		99	46 - 122	8	30
cis-1,2-Dichloroethene			0.0200	0.0210		mg/Kg		105	80 - 123	2	30
cis-1,3-Dichloropropene			0.0200	0.0178		mg/Kg		89	75 - 120	4	30
Cyclohexane			0.0200	0.0218		mg/Kg		109	65 - 132	1	30
Dichlorobromomethane			0.0200	0.0205		mg/Kg		103	77 - 124	1	30
Dichlorodifluoromethane			0.0200	0.0175		mg/Kg		87	45 - 129	10	30
Ethylbenzene			0.0200	0.0208		mg/Kg		104	80 - 120	2	30
Ethylene Dibromide			0.0200	0.0188		mg/Kg		94	79 - 120	5	30
Isopropylbenzene			0.0200	0.0211		mg/Kg		105	74 - 120	1	30
Methyl acetate			0.0400	0.0391		mg/Kg		98	57 - 120	2	30
Methyl tert-butyl ether			0.0200	0.0178		mg/Kg		89	74 - 125	8	30
Methylcyclohexane			0.0200	0.0214		mg/Kg		107	66 - 125	3	30
Methylene Chloride			0.0200	0.0218		mg/Kg		109	78 - 120	2	30
m-Xylene & p-Xylene			0.0200	0.0214		mg/Kg		107	80 - 120	0	30
n-Butylbenzene			0.0200	0.0211		mg/Kg		105	72 - 120	2	30
N-Propylbenzene			0.0200	0.0207		mg/Kg		104	68 - 120	0	30
o-Xylene			0.0200	0.0211		mg/Kg		105	80 - 120	0	30
sec-Butylbenzene			0.0200	0.0208		mg/Kg		104	78 - 120	1	30
Styrene			0.0200	0.0202		mg/Kg		101	80 - 120	0	30
tert-Butylbenzene			0.0200	0.0206		mg/Kg		103	80 - 120	1	30
Tetrachloroethene			0.0200	0.0202		mg/Kg		101	73 - 120	2	30
Toluene			0.0200	0.0191		mg/Kg		96	80 - 120	1	30
trans-1,2-Dichloroethene			0.0200	0.0218		mg/Kg		109	78 - 120	3	30
trans-1,3-Dichloropropene			0.0200	0.0180		mg/Kg		90	77 - 120	5	30
Trichloroethene			0.0200	0.0205		mg/Kg		103	80 - 120	1	30
Trichlorofluoromethane			0.0200	0.0246		mg/Kg		123	61 - 130	10	30
Vinyl chloride			0.0200	0.0220		mg/Kg		110	54 - 122	5	30
Xylenes, Total			0.0400	0.0425		mg/Kg		106	80 - 120	0	30

Surrogate	*LCSD %Recovery*	*LCSD Qualifier*	*Limits*
1,2-Dichloroethane-d4 (Surr)	*103*		*65 - 138*
4-Bromofluorobenzene	*99*		*71 - 128*
Dibromofluoromethane (Surr)	*105*		*50 - 150*
Toluene-d8 (Surr)	*98*		*71 - 126*

Method: 8260D - Volatile Organic Compounds by GC/MS (Continued)

Lab Sample ID: MB 460-1065958/8
Matrix: Solid
Analysis Batch: 1065958

Client Sample ID: Method Blank
Prep Type: Total/NA

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1-Trichloroethane	0.0010	U	0.0010	0.00023	mg/Kg			10/05/25 03:42	1
1,1,2,2-Tetrachloroethane	0.0010	U	0.0010	0.00052	mg/Kg			10/05/25 03:42	1
1,1,2-Trichloro-1,2,2-trifluoroethane	0.0010	U	0.0010	0.00030	mg/Kg			10/05/25 03:42	1
1,1,2-Trichloroethane	0.0010	U	0.0010	0.00060	mg/Kg			10/05/25 03:42	1
1,1-Dichloroethane	0.0010	U	0.0010	0.00060	mg/Kg			10/05/25 03:42	1
1,1-Dichloroethene	0.0010	U	0.0010	0.00023	mg/Kg			10/05/25 03:42	1
1,2,3-Trichlorobenzene	0.0010	U	0.0010	0.00074	mg/Kg			10/05/25 03:42	1
1,2,4-Trichlorobenzene	0.0010	U	0.0010	0.00036	mg/Kg			10/05/25 03:42	1
1,2,4-Trimethylbenzene	0.0010	U	0.0010	0.00025	mg/Kg			10/05/25 03:42	1
1,2-Dibromo-3-Chloropropane	0.0010	U	0.0010	0.00046	mg/Kg			10/05/25 03:42	1
1,2-Dichlorobenzene	0.0010	U	0.0010	0.00036	mg/Kg			10/05/25 03:42	1
1,2-Dichloroethane	0.0010	U	0.0010	0.00030	mg/Kg			10/05/25 03:42	1
1,2-Dichloropropane	0.0010	U	0.0010	0.00042	mg/Kg			10/05/25 03:42	1
1,3,5-Trimethylbenzene	0.0010	U	0.0010	0.00031	mg/Kg			10/05/25 03:42	1
1,3-Dichlorobenzene	0.0010	U	0.0010	0.00037	mg/Kg			10/05/25 03:42	1
1,4-Dichlorobenzene	0.0010	U	0.0010	0.00052	mg/Kg			10/05/25 03:42	1
2-Butanone (MEK)	0.0050	U	0.0050	0.00037	mg/Kg			10/05/25 03:42	1
2-Hexanone	0.0050	U	0.0050	0.0017	mg/Kg			10/05/25 03:42	1
4-Methyl-2-pentanone (MIBK)	0.0050	U	0.0050	0.0016	mg/Kg			10/05/25 03:42	1
Acetone	0.0060	U	0.0060	0.0057	mg/Kg			10/05/25 03:42	1
Benzene	0.0010	U	0.0010	0.00057	mg/Kg			10/05/25 03:42	1
Bromoform	0.0010	U	0.0010	0.00043	mg/Kg			10/05/25 03:42	1
Bromomethane	0.0020	U	0.0020	0.0010	mg/Kg			10/05/25 03:42	1
Carbon disulfide	0.0010	U	0.0010	0.00027	mg/Kg			10/05/25 03:42	1
Carbon tetrachloride	0.0010	U	0.0010	0.00039	mg/Kg			10/05/25 03:42	1
Chlorobenzene	0.0010	U	0.0010	0.00051	mg/Kg			10/05/25 03:42	1
Chlorobromomethane	0.0010	U	0.0010	0.00060	mg/Kg			10/05/25 03:42	1
Chlorodibromomethane	0.0010	U	0.0010	0.00054	mg/Kg			10/05/25 03:42	1
Chloroethane	0.0010	U	0.0010	0.00052	mg/Kg			10/05/25 03:42	1
Chloroform	0.0010	U	0.0010	0.00097	mg/Kg			10/05/25 03:42	1
Chloromethane	0.0010	U	0.0010	0.00044	mg/Kg			10/05/25 03:42	1
cis-1,2-Dichloroethene	0.0010	U	0.0010	0.00036	mg/Kg			10/05/25 03:42	1
cis-1,3-Dichloropropene	0.0010	U	0.0010	0.00027	mg/Kg			10/05/25 03:42	1
Cyclohexane	0.0010	U	0.0010	0.00022	mg/Kg			10/05/25 03:42	1
Dichlorobromomethane	0.0010	U	0.0010	0.00026	mg/Kg			10/05/25 03:42	1
Dichlorodifluoromethane	0.0010	U	0.0010	0.00034	mg/Kg			10/05/25 03:42	1
Ethylbenzene	0.0010	U	0.0010	0.00047	mg/Kg			10/05/25 03:42	1
Ethylene Dibromide	0.0010	U	0.0010	0.00050	mg/Kg			10/05/25 03:42	1
Isopropylbenzene	0.0010	U	0.0010	0.00029	mg/Kg			10/05/25 03:42	1
Methyl acetate	0.0050	U	0.0050	0.0043	mg/Kg			10/05/25 03:42	1
Methyl tert-butyl ether	0.0010	U	0.0010	0.00051	mg/Kg			10/05/25 03:42	1
Methylcyclohexane	0.0010	U	0.0010	0.00050	mg/Kg			10/05/25 03:42	1
Methylene Chloride	0.0020	U	0.0020	0.0011	mg/Kg			10/05/25 03:42	1
m-Xylene & p-Xylene	0.0010	U	0.0010	0.00042	mg/Kg			10/05/25 03:42	1
n-Butylbenzene	0.0010	U	0.0010	0.00029	mg/Kg			10/05/25 03:42	1
N-Propylbenzene	0.0010	U	0.0010	0.00045	mg/Kg			10/05/25 03:42	1
o-Xylene	0.0010	U	0.0010	0.00046	mg/Kg			10/05/25 03:42	1
sec-Butylbenzene	0.0010	U	0.0010	0.00029	mg/Kg			10/05/25 03:42	1

Method: 8260D - Volatile Organic Compounds by GC/MS (Continued)

Lab Sample ID: MB 460-1065958/8
Matrix: Solid
Analysis Batch: 1065958

Client Sample ID: Method Blank
Prep Type: Total/NA

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Styrene	0.0010	U	0.0010	0.00028	mg/Kg			10/05/25 03:42	1
Styrene	0.0010	U	0.0010	0.00028	mg/Kg			10/05/25 03:42	1
tert-Butylbenzene	0.0010	U	0.0010	0.00028	mg/Kg			10/05/25 03:42	1
Tetrachloroethene	0.0010	U	0.0010	0.00031	mg/Kg			10/05/25 03:42	1
Toluene	0.0010	U	0.0010	0.00023	mg/Kg			10/05/25 03:42	1
trans-1,2-Dichloroethene	0.0010	U	0.0010	0.00025	mg/Kg			10/05/25 03:42	1
trans-1,3-Dichloropropene	0.0010	U	0.0010	0.00027	mg/Kg			10/05/25 03:42	1
Trichloroethene	0.0010	U	0.0010	0.00032	mg/Kg			10/05/25 03:42	1
Trichlorofluoromethane	0.0010	U	0.0010	0.00041	mg/Kg			10/05/25 03:42	1
Vinyl chloride	0.0010	U	0.0010	0.00055	mg/Kg			10/05/25 03:42	1
Xylenes, Total	0.0020	U	0.0020	0.00017	mg/Kg			10/05/25 03:42	1

Surrogate	*MB %Recovery*	*MB Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,2-Dichloroethane-d4 (Surr)	*111*		*65 - 138*		*10/05/25 03:42*	*1*
4-Bromofluorobenzene	*99*		*71 - 128*		*10/05/25 03:42*	*1*
Dibromofluoromethane (Surr)	*115*		*50 - 150*		*10/05/25 03:42*	*1*
Toluene-d8 (Surr)	*95*		*71 - 126*		*10/05/25 03:42*	*1*

Lab Sample ID: LCS 460-1065958/3
Matrix: Solid
Analysis Batch: 1065958

Client Sample ID: Lab Control Sample
Prep Type: Total/NA

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
1,1,1-Trichloroethane	0.0200	0.0178		mg/Kg		89	78 - 120
1,1,2,2-Tetrachloroethane	0.0200	0.0177		mg/Kg		88	70 - 133
1,1,2-Trichloro-1,2,2-trifluoroethane	0.0200	0.0181		mg/Kg		91	75 - 121
1,1,2-Trichloroethane	0.0200	0.0197		mg/Kg		98	80 - 120
1,1-Dichloroethane	0.0200	0.0173		mg/Kg		86	72 - 120
1,1-Dichloroethene	0.0200	0.0169		mg/Kg		84	76 - 120
1,2,3-Trichlorobenzene	0.0200	0.0171		mg/Kg		86	77 - 137
1,2,4-Trichlorobenzene	0.0200	0.0147	*	mg/Kg		73	77 - 136
1,2,4-Trimethylbenzene	0.0200	0.0163		mg/Kg		82	75 - 120
1,2-Dibromo-3-Chloropropane	0.0200	0.0167		mg/Kg		84	80 - 124
1,2-Dichlorobenzene	0.0200	0.0188		mg/Kg		94	80 - 120
1,2-Dichloroethane	0.0200	0.0193		mg/Kg		97	70 - 123
1,2-Dichloropropane	0.0200	0.0171		mg/Kg		86	73 - 124
1,3,5-Trimethylbenzene	0.0200	0.0166		mg/Kg		83	70 - 120
1,3-Dichlorobenzene	0.0200	0.0167		mg/Kg		84	80 - 120
1,4-Dichlorobenzene	0.0200	0.0172		mg/Kg		86	80 - 120
2-Butanone (MEK)	0.100	0.102		mg/Kg		102	64 - 128
2-Hexanone	0.100	0.113		mg/Kg		113	75 - 120
4-Methyl-2-pentanone (MIBK)	0.100	0.117		mg/Kg		117	80 - 120
Acetone	0.100	0.111		mg/Kg		111	58 - 122
Benzene	0.0200	0.0167		mg/Kg		84	75 - 120
Bromoform	0.0200	0.0191		mg/Kg		96	61 - 125
Bromomethane	0.0200	0.0165		mg/Kg		82	37 - 150
Carbon disulfide	0.0200	0.0149		mg/Kg		74	57 - 133
Carbon tetrachloride	0.0200	0.0176		mg/Kg		88	66 - 127

Method: 8260D - Volatile Organic Compounds by GC/MS (Continued)

Lab Sample ID: LCS 460-1065958/3
Matrix: Solid
Analysis Batch: 1065958

Client Sample ID: Lab Control Sample
Prep Type: Total/NA

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
Chlorobenzene	0.0200	0.0179		mg/Kg		89	80 - 120
Chlorobromomethane	0.0200	0.0202		mg/Kg		101	76 - 127
Chlorodibromomethane	0.0200	0.0187		mg/Kg		93	72 - 120
Chloroethane	0.0200	0.0154		mg/Kg		77	60 - 123
Chloroform	0.0200	0.0185		mg/Kg		93	79 - 126
Chloromethane	0.0200	0.0140		mg/Kg		70	46 - 122
cis-1,2-Dichloroethene	0.0200	0.0186		mg/Kg		93	80 - 123
cis-1,3-Dichloropropene	0.0200	0.0161		mg/Kg		81	75 - 120
Cyclohexane	0.0200	0.0173		mg/Kg		87	65 - 132
Dichlorobromomethane	0.0200	0.0190		mg/Kg		95	77 - 124
Dichlorodifluoromethane	0.0200	0.0174		mg/Kg		87	45 - 129
Ethylbenzene	0.0200	0.0173		mg/Kg		86	80 - 120
Ethylene Dibromide	0.0200	0.0192		mg/Kg		96	79 - 120
Isopropylbenzene	0.0200	0.0172		mg/Kg		86	74 - 120
Methyl acetate	0.0400	0.0354		mg/Kg		88	57 - 120
Methyl tert-butyl ether	0.0200	0.0183		mg/Kg		92	74 - 125
Methylcyclohexane	0.0200	0.0168		mg/Kg		84	66 - 125
Methylene Chloride	0.0200	0.0192		mg/Kg		96	78 - 120
m-Xylene & p-Xylene	0.0200	0.0177		mg/Kg		88	80 - 120
n-Butylbenzene	0.0200	0.0149		mg/Kg		74	72 - 120
N-Propylbenzene	0.0200	0.0163		mg/Kg		81	68 - 120
o-Xylene	0.0200	0.0182		mg/Kg		91	80 - 120
sec-Butylbenzene	0.0200	0.0161		mg/Kg		80	78 - 120
Styrene	0.0200	0.0180		mg/Kg		90	80 - 120
tert-Butylbenzene	0.0200	0.0168		mg/Kg		84	80 - 120
Tetrachloroethene	0.0200	0.0170		mg/Kg		85	73 - 120
Toluene	0.0200	0.0170		mg/Kg		85	80 - 120
trans-1,2-Dichloroethene	0.0200	0.0171		mg/Kg		86	78 - 120
trans-1,3-Dichloropropene	0.0200	0.0160		mg/Kg		80	77 - 120
Trichloroethene	0.0200	0.0177		mg/Kg		89	80 - 120
Trichlorofluoromethane	0.0200	0.0176		mg/Kg		88	61 - 130
Vinyl chloride	0.0200	0.0154		mg/Kg		77	54 - 122
Xylenes, Total	0.0400	0.0359		mg/Kg		90	80 - 120

Surrogate	*LCS %Recovery*	*LCS Qualifier*	*Limits*
1,2-Dichloroethane-d4 (Surr)	*100*		*65 - 138*
4-Bromofluorobenzene	*99*		*71 - 128*
Dibromofluoromethane (Surr)	*100*		*50 - 150*
Toluene-d8 (Surr)	*99*		*71 - 126*

Lab Sample ID: MB 460-1065959/6
Matrix: Solid
Analysis Batch: 1065959

Client Sample ID: Method Blank
Prep Type: Total/NA

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1-Trichloroethane	0.0010	U	0.0010	0.00023	mg/Kg			10/05/25 14:30	1
1,1,2,2-Tetrachloroethane	0.0010	U	0.0010	0.00052	mg/Kg			10/05/25 14:30	1
1,1,2-Trichloro-1,2,2-trifluoroethane	0.0010	U	0.0010	0.00030	mg/Kg			10/05/25 14:30	1

Method: 8260D - Volatile Organic Compounds by GC/MS (Continued)

Lab Sample ID: MB 460-1065959/6
Matrix: Solid
Analysis Batch: 1065959

Client Sample ID: Method Blank
Prep Type: Total/NA

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,2-Trichloroethane	0.0010	U	0.0010	0.00060	mg/Kg			10/05/25 14:30	1
1,1,2-Trichloroethane	0.0010	U	0.0010	0.00060	mg/Kg			10/05/25 14:30	1
1,1-Dichloroethane	0.0010	U	0.0010	0.00060	mg/Kg			10/05/25 14:30	1
1,1-Dichloroethene	0.0010	U	0.0010	0.00023	mg/Kg			10/05/25 14:30	1
1,2,3-Trichlorobenzene	0.0010	U	0.0010	0.00074	mg/Kg			10/05/25 14:30	1
1,2,4-Trichlorobenzene	0.0010	U	0.0010	0.00036	mg/Kg			10/05/25 14:30	1
1,2,4-Trimethylbenzene	0.0010	U	0.0010	0.00025	mg/Kg			10/05/25 14:30	1
1,2-Dibromo-3-Chloropropane	0.0010	U	0.0010	0.00046	mg/Kg			10/05/25 14:30	1
1,2-Dichlorobenzene	0.0010	U	0.0010	0.00036	mg/Kg			10/05/25 14:30	1
1,2-Dichloroethane	0.0010	U	0.0010	0.00030	mg/Kg			10/05/25 14:30	1
1,2-Dichloropropane	0.0010	U	0.0010	0.00042	mg/Kg			10/05/25 14:30	1
1,3,5-Trimethylbenzene	0.0010	U	0.0010	0.00031	mg/Kg			10/05/25 14:30	1
1,3-Dichlorobenzene	0.0010	U	0.0010	0.00037	mg/Kg			10/05/25 14:30	1
1,4-Dichlorobenzene	0.0010	U	0.0010	0.00052	mg/Kg			10/05/25 14:30	1
2-Butanone (MEK)	0.0050	U	0.0050	0.00037	mg/Kg			10/05/25 14:30	1
2-Hexanone	0.0050	U	0.0050	0.0017	mg/Kg			10/05/25 14:30	1
4-Methyl-2-pentanone (MIBK)	0.0050	U	0.0050	0.0016	mg/Kg			10/05/25 14:30	1
Acetone	0.0060	U	0.0060	0.0057	mg/Kg			10/05/25 14:30	1
Benzene	0.0010	U	0.0010	0.00057	mg/Kg			10/05/25 14:30	1
Bromoform	0.0010	U	0.0010	0.00043	mg/Kg			10/05/25 14:30	1
Bromomethane	0.0020	U	0.0020	0.0010	mg/Kg			10/05/25 14:30	1
Carbon disulfide	0.0010	U	0.0010	0.00027	mg/Kg			10/05/25 14:30	1
Carbon tetrachloride	0.0010	U	0.0010	0.00039	mg/Kg			10/05/25 14:30	1
Chlorobenzene	0.0010	U	0.0010	0.00051	mg/Kg			10/05/25 14:30	1
Chlorobromomethane	0.0010	U	0.0010	0.00060	mg/Kg			10/05/25 14:30	1
Chlorodibromomethane	0.0010	U	0.0010	0.00054	mg/Kg			10/05/25 14:30	1
Chloroethane	0.0010	U	0.0010	0.00052	mg/Kg			10/05/25 14:30	1
Chloroform	0.0010	U	0.0010	0.00097	mg/Kg			10/05/25 14:30	1
Chloromethane	0.0010	U	0.0010	0.00044	mg/Kg			10/05/25 14:30	1
cis-1,2-Dichloroethene	0.0010	U	0.0010	0.00036	mg/Kg			10/05/25 14:30	1
cis-1,3-Dichloropropene	0.0010	U	0.0010	0.00027	mg/Kg			10/05/25 14:30	1
Cyclohexane	0.0010	U	0.0010	0.00022	mg/Kg			10/05/25 14:30	1
Dichlorobromomethane	0.0010	U	0.0010	0.00026	mg/Kg			10/05/25 14:30	1
Dichlorodifluoromethane	0.0010	U	0.0010	0.00034	mg/Kg			10/05/25 14:30	1
Ethylbenzene	0.0010	U	0.0010	0.00047	mg/Kg			10/05/25 14:30	1
Ethylene Dibromide	0.0010	U	0.0010	0.00050	mg/Kg			10/05/25 14:30	1
Isopropylbenzene	0.0010	U	0.0010	0.00029	mg/Kg			10/05/25 14:30	1
Methyl acetate	0.0050	U	0.0050	0.0043	mg/Kg			10/05/25 14:30	1
Methyl tert-butyl ether	0.0010	U	0.0010	0.00051	mg/Kg			10/05/25 14:30	1
Methylcyclohexane	0.0010	U	0.0010	0.00050	mg/Kg			10/05/25 14:30	1
Methylene Chloride	0.0020	U	0.0020	0.0011	mg/Kg			10/05/25 14:30	1
m-Xylene & p-Xylene	0.0010	U	0.0010	0.00042	mg/Kg			10/05/25 14:30	1
n-Butylbenzene	0.0010	U	0.0010	0.00029	mg/Kg			10/05/25 14:30	1
N-Propylbenzene	0.0010	U	0.0010	0.00045	mg/Kg			10/05/25 14:30	1
o-Xylene	0.0010	U	0.0010	0.00046	mg/Kg			10/05/25 14:30	1
sec-Butylbenzene	0.0010	U	0.0010	0.00029	mg/Kg			10/05/25 14:30	1
Styrene	0.0010	U	0.0010	0.00028	mg/Kg			10/05/25 14:30	1
tert-Butylbenzene	0.0010	U	0.0010	0.00028	mg/Kg			10/05/25 14:30	1
Tetrachloroethene	0.0010	U	0.0010	0.00031	mg/Kg			10/05/25 14:30	1

Method: 8260D - Volatile Organic Compounds by GC/MS (Continued)

Lab Sample ID: MB 460-1065959/6
Matrix: Solid
Analysis Batch: 1065959

Client Sample ID: Method Blank
Prep Type: Total/NA

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Toluene	0.0010	U	0.0010	0.00023	mg/Kg			10/05/25 14:30	1
Toluene	0.0010	U	0.0010	0.00023	mg/Kg			10/05/25 14:30	1
trans-1,2-Dichloroethene	0.0010	U	0.0010	0.00025	mg/Kg			10/05/25 14:30	1
trans-1,3-Dichloropropene	0.0010	U	0.0010	0.00027	mg/Kg			10/05/25 14:30	1
Trichloroethene	0.0010	U	0.0010	0.00032	mg/Kg			10/05/25 14:30	1
Trichlorofluoromethane	0.0010	U	0.0010	0.00041	mg/Kg			10/05/25 14:30	1
Vinyl chloride	0.0010	U	0.0010	0.00055	mg/Kg			10/05/25 14:30	1
Xylenes, Total	0.0020	U	0.0020	0.00017	mg/Kg			10/05/25 14:30	1

Surrogate	*MB %Recovery*	*MB Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,2-Dichloroethane-d4 (Surr)	*109*		*65 - 138*		*10/05/25 14:30*	*1*
4-Bromofluorobenzene	*97*		*71 - 128*		*10/05/25 14:30*	*1*
Dibromofluoromethane (Surr)	*114*		*50 - 150*		*10/05/25 14:30*	*1*
Toluene-d8 (Surr)	*95*		*71 - 126*		*10/05/25 14:30*	*1*

Lab Sample ID: LCS 460-1065959/3
Matrix: Solid
Analysis Batch: 1065959

Client Sample ID: Lab Control Sample
Prep Type: Total/NA

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
1,1,1-Trichloroethane	0.0200	0.0164		mg/Kg		82	78 - 120
1,1,2,2-Tetrachloroethane	0.0200	0.0182		mg/Kg		91	70 - 133
1,1,2-Trichloro-1,2,2-trifluoroethane	0.0200	0.0155		mg/Kg		78	75 - 121
1,1,2-Trichloroethane	0.0200	0.0200		mg/Kg		100	80 - 120
1,1-Dichloroethane	0.0200	0.0163		mg/Kg		82	72 - 120
1,1-Dichloroethene	0.0200	0.0148	*	mg/Kg		74	76 - 120
1,2,3-Trichlorobenzene	0.0200	0.0181		mg/Kg		90	77 - 137
1,2,4-Trichlorobenzene	0.0200	0.0163		mg/Kg		82	77 - 136
1,2,4-Trimethylbenzene	0.0200	0.0167		mg/Kg		83	75 - 120
1,2-Dibromo-3-Chloropropane	0.0200	0.0175		mg/Kg		88	80 - 124
1,2-Dichlorobenzene	0.0200	0.0192		mg/Kg		96	80 - 120
1,2-Dichloroethane	0.0200	0.0188		mg/Kg		94	70 - 123
1,2-Dichloropropane	0.0200	0.0170		mg/Kg		85	73 - 124
1,3,5-Trimethylbenzene	0.0200	0.0165		mg/Kg		83	70 - 120
1,3-Dichlorobenzene	0.0200	0.0172		mg/Kg		86	80 - 120
1,4-Dichlorobenzene	0.0200	0.0180		mg/Kg		90	80 - 120
2-Butanone (MEK)	0.100	0.104		mg/Kg		104	64 - 128
2-Hexanone	0.100	0.111		mg/Kg		111	75 - 120
4-Methyl-2-pentanone (MIBK)	0.100	0.114		mg/Kg		114	80 - 120
Acetone	0.100	0.102		mg/Kg		102	58 - 122
Benzene	0.0200	0.0163		mg/Kg		82	75 - 120
Bromoform	0.0200	0.0198		mg/Kg		99	61 - 125
Bromomethane	0.0200	0.0130		mg/Kg		65	37 - 150
Carbon disulfide	0.0200	0.0128		mg/Kg		64	57 - 133
Carbon tetrachloride	0.0200	0.0153		mg/Kg		77	66 - 127
Chlorobenzene	0.0200	0.0175		mg/Kg		88	80 - 120
Chlorobromomethane	0.0200	0.0190		mg/Kg		95	76 - 127
Chlorodibromomethane	0.0200	0.0195		mg/Kg		98	72 - 120

Method: 8260D - Volatile Organic Compounds by GC/MS (Continued)

Lab Sample ID: LCS 460-1065959/3
Matrix: Solid
Analysis Batch: 1065959

Client Sample ID: Lab Control Sample
Prep Type: Total/NA

Analyte			Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits		
Chloroethane			0.0200	0.0145		mg/Kg		73	60 - 123		
Chloroform			0.0200	0.0170		mg/Kg		85	79 - 126		
Chloromethane			0.0200	0.0126		mg/Kg		63	46 - 122		
cis-1,2-Dichloroethene			0.0200	0.0177		mg/Kg		89	80 - 123		
cis-1,3-Dichloropropene			0.0200	0.0168		mg/Kg		84	75 - 120		
Cyclohexane			0.0200	0.0149		mg/Kg		74	65 - 132		
Dichlorobromomethane			0.0200	0.0181		mg/Kg		91	77 - 124		
Dichlorodifluoromethane			0.0200	0.0147		mg/Kg		73	45 - 129		
Ethylbenzene			0.0200	0.0171		mg/Kg		85	80 - 120		
Ethylene Dibromide			0.0200	0.0201		mg/Kg		100	79 - 120		
Isopropylbenzene			0.0200	0.0165		mg/Kg		83	74 - 120		
Methyl acetate			0.0400	0.0367		mg/Kg		92	57 - 120		
Methyl tert-butyl ether			0.0200	0.0185		mg/Kg		92	74 - 125		
Methylcyclohexane			0.0200	0.0148		mg/Kg		74	66 - 125		
Methylene Chloride			0.0200	0.0187		mg/Kg		93	78 - 120		
m-Xylene & p-Xylene			0.0200	0.0170		mg/Kg		85	80 - 120		
n-Butylbenzene			0.0200	0.0152		mg/Kg		76	72 - 120		
N-Propylbenzene			0.0200	0.0163		mg/Kg		81	68 - 120		
o-Xylene			0.0200	0.0177		mg/Kg		89	80 - 120		
sec-Butylbenzene			0.0200	0.0159		mg/Kg		79	78 - 120		
Styrene			0.0200	0.0173		mg/Kg		87	80 - 120		
tert-Butylbenzene			0.0200	0.0163		mg/Kg		81	80 - 120		
Tetrachloroethene			0.0200	0.0160		mg/Kg		80	73 - 120		
Toluene			0.0200	0.0163		mg/Kg		82	80 - 120		
trans-1,2-Dichloroethene			0.0200	0.0156		mg/Kg		78	78 - 120		
trans-1,3-Dichloropropene			0.0200	0.0172		mg/Kg		86	77 - 120		
Trichloroethene			0.0200	0.0166		mg/Kg		83	80 - 120		
Trichlorofluoromethane			0.0200	0.0149		mg/Kg		74	61 - 130		
Vinyl chloride			0.0200	0.0134		mg/Kg		67	54 - 122		
Xylenes, Total			0.0400	0.0348		mg/Kg		87	80 - 120		

Surrogate	*LCS %Recovery*	*LCS Qualifier*	*Limits*
1,2-Dichloroethane-d4 (Surr)	*99*		*65 - 138*
4-Bromofluorobenzene	*100*		*71 - 128*
Dibromofluoromethane (Surr)	*95*		*50 - 150*
Toluene-d8 (Surr)	*98*		*71 - 126*

Lab Sample ID: LCSD 460-1065959/4
Matrix: Solid
Analysis Batch: 1065959

Client Sample ID: Lab Control Sample Dup
Prep Type: Total/NA

Analyte			Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
1,1,1-Trichloroethane			0.0200	0.0178		mg/Kg		89	78 - 120	8	30
1,1,2,2-Tetrachloroethane			0.0200	0.0188		mg/Kg		94	70 - 133	3	30
1,1,2-Trichloro-1,2,2-trifluoroethane			0.0200	0.0178		mg/Kg		89	75 - 121	14	30
1,1,2-Trichloroethane			0.0200	0.0201		mg/Kg		100	80 - 120	0	30
1,1-Dichloroethane			0.0200	0.0171		mg/Kg		86	72 - 120	5	30
1,1-Dichloroethene			0.0200	0.0165		mg/Kg		83	76 - 120	11	30

Method: 8260D - Volatile Organic Compounds by GC/MS (Continued)

Lab Sample ID: LCSD 460-1065959/4
Matrix: Solid
Analysis Batch: 1065959

Client Sample ID: Lab Control Sample Dup
Prep Type: Total/NA

Analyte	Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
1,2,3-Trichlorobenzene	0.0200	0.0187		mg/Kg		93	77 - 137	3	30
1,2,4-Trichlorobenzene	0.0200	0.0172		mg/Kg		86	77 - 136	5	30
1,2,4-Trimethylbenzene	0.0200	0.0179		mg/Kg		90	75 - 120	7	30
1,2-Dibromo-3-Chloropropane	0.0200	0.0176		mg/Kg		88	80 - 124	0	30
1,2-Dichlorobenzene	0.0200	0.0199		mg/Kg		100	80 - 120	4	30
1,2-Dichloroethane	0.0200	0.0189		mg/Kg		94	70 - 123	0	30
1,2-Dichloropropane	0.0200	0.0173		mg/Kg		87	73 - 124	2	30
1,3,5-Trimethylbenzene	0.0200	0.0178		mg/Kg		89	70 - 120	8	30
1,3-Dichlorobenzene	0.0200	0.0186		mg/Kg		93	80 - 120	8	30
1,4-Dichlorobenzene	0.0200	0.0190		mg/Kg		95	80 - 120	5	30
2-Butanone (MEK)	0.100	0.104		mg/Kg		104	64 - 128	1	30
2-Hexanone	0.100	0.111		mg/Kg		111	75 - 120	0	30
4-Methyl-2-pentanone (MIBK)	0.100	0.117		mg/Kg		117	80 - 120	2	30
Acetone	0.100	0.105		mg/Kg		105	58 - 122	3	30
Benzene	0.0200	0.0174		mg/Kg		87	75 - 120	6	30
Bromoform	0.0200	0.0192		mg/Kg		96	61 - 125	3	30
Bromomethane	0.0200	0.0124		mg/Kg		62	37 - 150	5	30
Carbon disulfide	0.0200	0.0143		mg/Kg		72	57 - 133	11	30
Carbon tetrachloride	0.0200	0.0169		mg/Kg		85	66 - 127	10	30
Chlorobenzene	0.0200	0.0185		mg/Kg		93	80 - 120	6	30
Chlorobromomethane	0.0200	0.0191		mg/Kg		96	76 - 127	1	30
Chlorodibromomethane	0.0200	0.0194		mg/Kg		97	72 - 120	0	30
Chloroethane	0.0200	0.0152		mg/Kg		76	60 - 123	4	30
Chloroform	0.0200	0.0179		mg/Kg		89	79 - 126	5	30
Chloromethane	0.0200	0.0131		mg/Kg		65	46 - 122	4	30
cis-1,2-Dichloroethene	0.0200	0.0177		mg/Kg		89	80 - 123	0	30
cis-1,3-Dichloropropene	0.0200	0.0175		mg/Kg		87	75 - 120	4	30
Cyclohexane	0.0200	0.0170		mg/Kg		85	65 - 132	13	30
Dichlorobromomethane	0.0200	0.0188		mg/Kg		94	77 - 124	4	30
Dichlorodifluoromethane	0.0200	0.0160		mg/Kg		80	45 - 129	8	30
Ethylbenzene	0.0200	0.0183		mg/Kg		92	80 - 120	7	30
Ethylene Dibromide	0.0200	0.0201		mg/Kg		100	79 - 120	0	30
Isopropylbenzene	0.0200	0.0180		mg/Kg		90	74 - 120	9	30
Methyl acetate	0.0400	0.0343		mg/Kg		86	57 - 120	7	30
Methyl tert-butyl ether	0.0200	0.0186		mg/Kg		93	74 - 125	1	30
Methylcyclohexane	0.0200	0.0168		mg/Kg		84	66 - 125	12	30
Methylene Chloride	0.0200	0.0188		mg/Kg		94	78 - 120	1	30
m-Xylene & p-Xylene	0.0200	0.0184		mg/Kg		92	80 - 120	8	30
n-Butylbenzene	0.0200	0.0171		mg/Kg		85	72 - 120	12	30
N-Propylbenzene	0.0200	0.0175		mg/Kg		88	68 - 120	7	30
o-Xylene	0.0200	0.0188		mg/Kg		94	80 - 120	6	30
sec-Butylbenzene	0.0200	0.0174		mg/Kg		87	78 - 120	9	30
Styrene	0.0200	0.0181		mg/Kg		91	80 - 120	4	30
tert-Butylbenzene	0.0200	0.0178		mg/Kg		89	80 - 120	9	30
Tetrachloroethene	0.0200	0.0183		mg/Kg		92	73 - 120	14	30
Toluene	0.0200	0.0173		mg/Kg		87	80 - 120	6	30
trans-1,2-Dichloroethene	0.0200	0.0169		mg/Kg		85	78 - 120	8	30
trans-1,3-Dichloropropene	0.0200	0.0177		mg/Kg		89	77 - 120	3	30
Trichloroethene	0.0200	0.0177		mg/Kg		89	80 - 120	6	30

Method: 8260D - Volatile Organic Compounds by GC/MS (Continued)

Lab Sample ID: LCSD 460-1065959/4
Matrix: Solid
Analysis Batch: 1065959

Client Sample ID: Lab Control Sample Dup
Prep Type: Total/NA

Analyte			Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Trichlorofluoromethane			0.0200	0.0159		mg/Kg		80	61 - 130	7	30
Vinyl chloride			0.0200	0.0144		mg/Kg		72	54 - 122	7	30
Xylenes, Total			0.0400	0.0372		mg/Kg		93	80 - 120	7	30

Surrogate	*LCSD %Recovery*	*LCSD Qualifier*	*Limits*
1,2-Dichloroethane-d4 (Surr)	*96*		*65 - 138*
4-Bromofluorobenzene	*102*		*71 - 128*
Dibromofluoromethane (Surr)	*94*		*50 - 150*
Toluene-d8 (Surr)	*98*		*71 - 126*

Lab Sample ID: MB 460-1066077/7
Matrix: Solid
Analysis Batch: 1066077

Client Sample ID: Method Blank
Prep Type: Total/NA

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1-Trichloroethane	0.0010	U	0.0010	0.00023	mg/Kg			10/06/25 01:15	1
1,1,2,2-Tetrachloroethane	0.0010	U	0.0010	0.00052	mg/Kg			10/06/25 01:15	1
1,1,2-Trichloro-1,2,2-trifluoroethane	0.0010	U	0.0010	0.00030	mg/Kg			10/06/25 01:15	1
1,1,2-Trichloroethane	0.0010	U	0.0010	0.00060	mg/Kg			10/06/25 01:15	1
1,1-Dichloroethane	0.0010	U	0.0010	0.00060	mg/Kg			10/06/25 01:15	1
1,1-Dichloroethene	0.0010	U	0.0010	0.00023	mg/Kg			10/06/25 01:15	1
1,2,3-Trichlorobenzene	0.0010	U	0.0010	0.00074	mg/Kg			10/06/25 01:15	1
1,2,4-Trichlorobenzene	0.0010	U	0.0010	0.00036	mg/Kg			10/06/25 01:15	1
1,2,4-Trimethylbenzene	0.0010	U	0.0010	0.00025	mg/Kg			10/06/25 01:15	1
1,2-Dibromo-3-Chloropropane	0.0010	U	0.0010	0.00046	mg/Kg			10/06/25 01:15	1
1,2-Dichlorobenzene	0.0010	U	0.0010	0.00036	mg/Kg			10/06/25 01:15	1
1,2-Dichloroethane	0.0010	U	0.0010	0.00030	mg/Kg			10/06/25 01:15	1
1,2-Dichloropropane	0.0010	U	0.0010	0.00042	mg/Kg			10/06/25 01:15	1
1,3,5-Trimethylbenzene	0.0010	U	0.0010	0.00031	mg/Kg			10/06/25 01:15	1
1,3-Dichlorobenzene	0.0010	U	0.0010	0.00037	mg/Kg			10/06/25 01:15	1
1,4-Dichlorobenzene	0.0010	U	0.0010	0.00052	mg/Kg			10/06/25 01:15	1
2-Butanone (MEK)	0.0050	U	0.0050	0.00037	mg/Kg			10/06/25 01:15	1
2-Hexanone	0.0050	U	0.0050	0.0017	mg/Kg			10/06/25 01:15	1
4-Methyl-2-pentanone (MIBK)	0.0050	U	0.0050	0.0016	mg/Kg			10/06/25 01:15	1
Acetone	0.0060	U	0.0060	0.0057	mg/Kg			10/06/25 01:15	1
Benzene	0.0010	U	0.0010	0.00057	mg/Kg			10/06/25 01:15	1
Bromoform	0.0010	U	0.0010	0.00043	mg/Kg			10/06/25 01:15	1
Bromomethane	0.0020	U	0.0020	0.0010	mg/Kg			10/06/25 01:15	1
Carbon disulfide	0.0010	U	0.0010	0.00027	mg/Kg			10/06/25 01:15	1
Carbon tetrachloride	0.0010	U	0.0010	0.00039	mg/Kg			10/06/25 01:15	1
Chlorobenzene	0.0010	U	0.0010	0.00051	mg/Kg			10/06/25 01:15	1
Chlorobromomethane	0.0010	U	0.0010	0.00060	mg/Kg			10/06/25 01:15	1
Chlorodibromomethane	0.0010	U	0.0010	0.00054	mg/Kg			10/06/25 01:15	1
Chloroethane	0.0010	U	0.0010	0.00052	mg/Kg			10/06/25 01:15	1
Chloroform	0.0010	U	0.0010	0.00097	mg/Kg			10/06/25 01:15	1
Chloromethane	0.0010	U	0.0010	0.00044	mg/Kg			10/06/25 01:15	1
cis-1,2-Dichloroethene	0.0010	U	0.0010	0.00036	mg/Kg			10/06/25 01:15	1
cis-1,3-Dichloropropene	0.0010	U	0.0010	0.00027	mg/Kg			10/06/25 01:15	1

Method: 8260D - Volatile Organic Compounds by GC/MS (Continued)

Lab Sample ID: MB 460-1066077/7
Matrix: Solid
Analysis Batch: 1066077

Client Sample ID: Method Blank
Prep Type: Total/NA

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Cyclohexane	0.0010	U	0.0010	0.00022	mg/Kg			10/06/25 01:15	1
Cyclohexane	0.0010	U	0.0010	0.00022	mg/Kg			10/06/25 01:15	1
Dichlorobromomethane	0.0010	U	0.0010	0.00026	mg/Kg			10/06/25 01:15	1
Dichlorodifluoromethane	0.0010	U	0.0010	0.00034	mg/Kg			10/06/25 01:15	1
Ethylbenzene	0.0010	U	0.0010	0.00047	mg/Kg			10/06/25 01:15	1
Ethylene Dibromide	0.0010	U	0.0010	0.00050	mg/Kg			10/06/25 01:15	1
Isopropylbenzene	0.0010	U	0.0010	0.00029	mg/Kg			10/06/25 01:15	1
Methyl acetate	0.0050	U	0.0050	0.0043	mg/Kg			10/06/25 01:15	1
Methyl tert-butyl ether	0.0010	U	0.0010	0.00051	mg/Kg			10/06/25 01:15	1
Methylcyclohexane	0.0010	U	0.0010	0.00050	mg/Kg			10/06/25 01:15	1
Methylene Chloride	0.0020	U	0.0020	0.0011	mg/Kg			10/06/25 01:15	1
m-Xylene & p-Xylene	0.0010	U	0.0010	0.00042	mg/Kg			10/06/25 01:15	1
n-Butylbenzene	0.0010	U	0.0010	0.00029	mg/Kg			10/06/25 01:15	1
N-Propylbenzene	0.0010	U	0.0010	0.00045	mg/Kg			10/06/25 01:15	1
o-Xylene	0.0010	U	0.0010	0.00046	mg/Kg			10/06/25 01:15	1
sec-Butylbenzene	0.0010	U	0.0010	0.00029	mg/Kg			10/06/25 01:15	1
Styrene	0.000556	J	0.0010	0.00028	mg/Kg			10/06/25 01:15	1
tert-Butylbenzene	0.0010	U	0.0010	0.00028	mg/Kg			10/06/25 01:15	1
Tetrachloroethene	0.0010	U	0.0010	0.00031	mg/Kg			10/06/25 01:15	1
Toluene	0.0010	U	0.0010	0.00023	mg/Kg			10/06/25 01:15	1
trans-1,2-Dichloroethene	0.0010	U	0.0010	0.00025	mg/Kg			10/06/25 01:15	1
trans-1,3-Dichloropropene	0.0010	U	0.0010	0.00027	mg/Kg			10/06/25 01:15	1
Trichloroethene	0.0010	U	0.0010	0.00032	mg/Kg			10/06/25 01:15	1
Trichlorofluoromethane	0.0010	U	0.0010	0.00041	mg/Kg			10/06/25 01:15	1
Vinyl chloride	0.0010	U	0.0010	0.00055	mg/Kg			10/06/25 01:15	1
Xylenes, Total	0.0020	U	0.0020	0.00017	mg/Kg			10/06/25 01:15	1

Surrogate	*MB %Recovery*	*MB Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,2-Dichloroethane-d4 (Surr)	*102*		*65 - 138*		*10/06/25 01:15*	*1*
4-Bromofluorobenzene	*99*		*71 - 128*		*10/06/25 01:15*	*1*
Dibromofluoromethane (Surr)	*111*		*50 - 150*		*10/06/25 01:15*	*1*
Toluene-d8 (Surr)	*96*		*71 - 126*		*10/06/25 01:15*	*1*

Lab Sample ID: LCS 460-1066077/3
Matrix: Solid
Analysis Batch: 1066077

Client Sample ID: Lab Control Sample
Prep Type: Total/NA

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
1,1,1-Trichloroethane	0.0200	0.0198		mg/Kg		99	78 - 120
1,1,2,2-Tetrachloroethane	0.0200	0.0182		mg/Kg		91	70 - 133
1,1,2-Trichloro-1,2,2-trifluoroethane	0.0200	0.0210		mg/Kg		105	75 - 121
1,1,2-Trichloroethane	0.0200	0.0197		mg/Kg		99	80 - 120
1,1-Dichloroethane	0.0200	0.0188		mg/Kg		94	72 - 120
1,1-Dichloroethene	0.0200	0.0201		mg/Kg		101	76 - 120
1,2,3-Trichlorobenzene	0.0200	0.0189		mg/Kg		94	77 - 137
1,2,4-Trichlorobenzene	0.0200	0.0178		mg/Kg		89	77 - 136
1,2,4-Trimethylbenzene	0.0200	0.0179		mg/Kg		90	75 - 120
1,2-Dibromo-3-Chloropropane	0.0200	0.0168		mg/Kg		84	80 - 124

Method: 8260D - Volatile Organic Compounds by GC/MS (Continued)

Lab Sample ID: LCS 460-1066077/3
Matrix: Solid
Analysis Batch: 1066077

Client Sample ID: Lab Control Sample
Prep Type: Total/NA

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
1,2-Dichlorobenzene	0.0200	0.0199		mg/Kg		100	80 - 120
1,2-Dichloroethane	0.0200	0.0199		mg/Kg		99	70 - 123
1,2-Dichloropropane	0.0200	0.0182		mg/Kg		91	73 - 124
1,3,5-Trimethylbenzene	0.0200	0.0180		mg/Kg		90	70 - 120
1,3-Dichlorobenzene	0.0200	0.0187		mg/Kg		93	80 - 120
1,4-Dichlorobenzene	0.0200	0.0192		mg/Kg		96	80 - 120
2-Butanone (MEK)	0.100	0.0978		mg/Kg		98	64 - 128
2-Hexanone	0.100	0.107		mg/Kg		107	75 - 120
4-Methyl-2-pentanone (MIBK)	0.100	0.111		mg/Kg		111	80 - 120
Acetone	0.100	0.101		mg/Kg		101	58 - 122
Benzene	0.0200	0.0183		mg/Kg		92	75 - 120
Bromoform	0.0200	0.0193		mg/Kg		96	61 - 125
Bromomethane	0.0200	0.0201		mg/Kg		101	37 - 150
Carbon disulfide	0.0200	0.0216		mg/Kg		108	57 - 133
Carbon tetrachloride	0.0200	0.0190		mg/Kg		95	66 - 127
Chlorobenzene	0.0200	0.0189		mg/Kg		95	80 - 120
Chlorobromomethane	0.0200	0.0211		mg/Kg		106	76 - 127
Chlorodibromomethane	0.0200	0.0193		mg/Kg		97	72 - 120
Chloroethane	0.0200	0.0212		mg/Kg		106	60 - 123
Chloroform	0.0200	0.0191		mg/Kg		95	79 - 126
Chloromethane	0.0200	0.0215		mg/Kg		107	46 - 122
cis-1,2-Dichloroethene	0.0200	0.0199		mg/Kg		99	80 - 123
cis-1,3-Dichloropropene	0.0200	0.0181		mg/Kg		90	75 - 120
Cyclohexane	0.0200	0.0212		mg/Kg		106	65 - 132
Dichlorobromomethane	0.0200	0.0194		mg/Kg		97	77 - 124
Dichlorodifluoromethane	0.0200	0.0247		mg/Kg		124	45 - 129
Ethylbenzene	0.0200	0.0191		mg/Kg		96	80 - 120
Ethylene Dibromide	0.0200	0.0201		mg/Kg		101	79 - 120
Isopropylbenzene	0.0200	0.0187		mg/Kg		93	74 - 120
Methyl acetate	0.0400	0.0353		mg/Kg		88	57 - 120
Methyl tert-butyl ether	0.0200	0.0191		mg/Kg		95	74 - 125
Methylcyclohexane	0.0200	0.0202		mg/Kg		101	66 - 125
Methylene Chloride	0.0200	0.0212		mg/Kg		106	78 - 120
m-Xylene & p-Xylene	0.0200	0.0196		mg/Kg		98	80 - 120
n-Butylbenzene	0.0200	0.0178		mg/Kg		89	72 - 120
N-Propylbenzene	0.0200	0.0180		mg/Kg		90	68 - 120
o-Xylene	0.0200	0.0194		mg/Kg		97	80 - 120
sec-Butylbenzene	0.0200	0.0179		mg/Kg		90	78 - 120
Styrene	0.0200	0.0191		mg/Kg		96	80 - 120
tert-Butylbenzene	0.0200	0.0182		mg/Kg		91	80 - 120
Tetrachloroethene	0.0200	0.0198		mg/Kg		99	73 - 120
Toluene	0.0200	0.0182		mg/Kg		91	80 - 120
trans-1,2-Dichloroethene	0.0200	0.0202		mg/Kg		101	78 - 120
trans-1,3-Dichloropropene	0.0200	0.0176		mg/Kg		88	77 - 120
Trichloroethene	0.0200	0.0196		mg/Kg		98	80 - 120
Trichlorofluoromethane	0.0200	0.0227		mg/Kg		114	61 - 130
Vinyl chloride	0.0200	0.0233		mg/Kg		117	54 - 122
Xylenes, Total	0.0400	0.0390		mg/Kg		98	80 - 120

Method: 8260D - Volatile Organic Compounds by GC/MS (Continued)

Lab Sample ID: LCS 460-1066077/3
Matrix: Solid
Analysis Batch: 1066077

Client Sample ID: Lab Control Sample
Prep Type: Total/NA

Surrogate	LCS %Recovery	LCS Qualifier	Limits
1,2-Dichloroethane-d4 (Surr)	*102*		*65 - 138*
4-Bromofluorobenzene	*99*		*71 - 128*
Dibromofluoromethane (Surr)	*100*		*50 - 150*
Toluene-d8 (Surr)	*98*		*71 - 126*

Lab Sample ID: LCSD 460-1066077/4
Matrix: Solid
Analysis Batch: 1066077

Client Sample ID: Lab Control Sample Dup
Prep Type: Total/NA

Analyte			Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
1,1,1-Trichloroethane			0.0200	0.0195		mg/Kg		98	78 - 120	1	30
1,1,2,2-Tetrachloroethane			0.0200	0.0176		mg/Kg		88	70 - 133	3	30
1,1,2-Trichloro-1,2,2-trifluoroethane			0.0200	0.0212		mg/Kg		106	75 - 121	1	30
1,1,2-Trichloroethane			0.0200	0.0188		mg/Kg		94	80 - 120	5	30
1,1-Dichloroethane			0.0200	0.0186		mg/Kg		93	72 - 120	1	30
1,1-Dichloroethene			0.0200	0.0199		mg/Kg		99	76 - 120	1	30
1,2,3-Trichlorobenzene			0.0200	0.0181		mg/Kg		91	77 - 137	4	30
1,2,4-Trichlorobenzene			0.0200	0.0169		mg/Kg		85	77 - 136	5	30
1,2,4-Trimethylbenzene			0.0200	0.0174		mg/Kg		87	75 - 120	3	30
1,2-Dibromo-3-Chloropropane			0.0200	0.0159		mg/Kg		80	80 - 124	5	30
1,2-Dichlorobenzene			0.0200	0.0195		mg/Kg		98	80 - 120	2	30
1,2-Dichloroethane			0.0200	0.0196		mg/Kg		98	70 - 123	1	30
1,2-Dichloropropane			0.0200	0.0178		mg/Kg		89	73 - 124	2	30
1,3,5-Trimethylbenzene			0.0200	0.0174		mg/Kg		87	70 - 120	4	30
1,3-Dichlorobenzene			0.0200	0.0181		mg/Kg		90	80 - 120	3	30
1,4-Dichlorobenzene			0.0200	0.0184		mg/Kg		92	80 - 120	4	30
2-Butanone (MEK)			0.100	0.0971		mg/Kg		97	64 - 128	1	30
2-Hexanone			0.100	0.107		mg/Kg		107	75 - 120	0	30
4-Methyl-2-pentanone (MIBK)			0.100	0.113		mg/Kg		113	80 - 120	2	30
Acetone			0.100	0.105		mg/Kg		105	58 - 122	3	30
Benzene			0.0200	0.0176		mg/Kg		88	75 - 120	4	30
Bromoform			0.0200	0.0183		mg/Kg		91	61 - 125	5	30
Bromomethane			0.0200	0.0223		mg/Kg		112	37 - 150	10	30
Carbon disulfide			0.0200	0.0213		mg/Kg		106	57 - 133	1	30
Carbon tetrachloride			0.0200	0.0187		mg/Kg		94	66 - 127	1	30
Chlorobenzene			0.0200	0.0182		mg/Kg		91	80 - 120	4	30
Chlorobromomethane			0.0200	0.0205		mg/Kg		102	76 - 127	3	30
Chlorodibromomethane			0.0200	0.0180		mg/Kg		90	72 - 120	7	30
Chloroethane			0.0200	0.0210		mg/Kg		105	60 - 123	1	30
Chloroform			0.0200	0.0191		mg/Kg		95	79 - 126	0	30
Chloromethane			0.0200	0.0211		mg/Kg		106	46 - 122	2	30
cis-1,2-Dichloroethene			0.0200	0.0194		mg/Kg		97	80 - 123	2	30
cis-1,3-Dichloropropene			0.0200	0.0167		mg/Kg		84	75 - 120	8	30
Cyclohexane			0.0200	0.0212		mg/Kg		106	65 - 132	0	30
Dichlorobromomethane			0.0200	0.0186		mg/Kg		93	77 - 124	4	30
Dichlorodifluoromethane			0.0200	0.0223		mg/Kg		112	45 - 129	10	30
Ethylbenzene			0.0200	0.0186		mg/Kg		93	80 - 120	3	30
Ethylene Dibromide			0.0200	0.0192		mg/Kg		96	79 - 120	5	30

Method: 8260D - Volatile Organic Compounds by GC/MS (Continued)

Lab Sample ID: LCSD 460-1066077/4
Matrix: Solid
Analysis Batch: 1066077

Client Sample ID: Lab Control Sample Dup
Prep Type: Total/NA

Analyte	Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Isopropylbenzene	0.0200	0.0182		mg/Kg		91	74 - 120	2	30
Methyl acetate	0.0400	0.0335		mg/Kg		84	57 - 120	5	30
Methyl tert-butyl ether	0.0200	0.0179		mg/Kg		89	74 - 125	6	30
Methylcyclohexane	0.0200	0.0202		mg/Kg		101	66 - 125	0	30
Methylene Chloride	0.0200	0.0205		mg/Kg		103	78 - 120	3	30
m-Xylene & p-Xylene	0.0200	0.0186		mg/Kg		93	80 - 120	5	30
n-Butylbenzene	0.0200	0.0166		mg/Kg		83	72 - 120	7	30
N-Propylbenzene	0.0200	0.0178		mg/Kg		89	68 - 120	2	30
o-Xylene	0.0200	0.0189		mg/Kg		94	80 - 120	3	30
sec-Butylbenzene	0.0200	0.0171		mg/Kg		86	78 - 120	5	30
Styrene	0.0200	0.0185		mg/Kg		92	80 - 120	3	30
tert-Butylbenzene	0.0200	0.0175		mg/Kg		88	80 - 120	4	30
Tetrachloroethene	0.0200	0.0187		mg/Kg		94	73 - 120	6	30
Toluene	0.0200	0.0177		mg/Kg		88	80 - 120	3	30
trans-1,2-Dichloroethene	0.0200	0.0199		mg/Kg		99	78 - 120	2	30
trans-1,3-Dichloropropene	0.0200	0.0167		mg/Kg		84	77 - 120	5	30
Trichloroethene	0.0200	0.0184		mg/Kg		92	80 - 120	6	30
Trichlorofluoromethane	0.0200	0.0229		mg/Kg		114	61 - 130	1	30
Vinyl chloride	0.0200	0.0227		mg/Kg		113	54 - 122	3	30
Xylenes, Total	0.0400	0.0374		mg/Kg		94	80 - 120	4	30

Surrogate	*LCSD %Recovery*	*LCSD Qualifier*	*Limits*
1,2-Dichloroethane-d4 (Surr)	*101*		*65 - 138*
4-Bromofluorobenzene	*100*		*71 - 128*
Dibromofluoromethane (Surr)	*100*		*50 - 150*
Toluene-d8 (Surr)	*98*		*71 - 126*

Method: 8270E - Semivolatile Organic Compounds (GC/MS)

Lab Sample ID: MB 460-1064131/1-A
Matrix: Solid
Analysis Batch: 1064171

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 1064131

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1'-Biphenyl	0.33	U	0.33	0.012	mg/Kg		09/27/25 07:27	09/27/25 12:21	1
1,2,4,5-Tetrachlorobenzene	0.33	U	0.33	0.010	mg/Kg		09/27/25 07:27	09/27/25 12:21	1
1,4-Dioxane	0.033	U	0.033	0.029	mg/Kg		09/27/25 07:27	09/27/25 12:21	1
2,2'-oxybis[1-chloropropane]	0.33	U	0.33	0.020	mg/Kg		09/27/25 07:27	09/27/25 12:21	1
2,3,4,6-Tetrachlorophenol	0.33	U	0.33	0.022	mg/Kg		09/27/25 07:27	09/27/25 12:21	1
2,4,5-Trichlorophenol	0.33	U	0.33	0.034	mg/Kg		09/27/25 07:27	09/27/25 12:21	1
2,4,6-Trichlorophenol	0.13	U	0.13	0.042	mg/Kg		09/27/25 07:27	09/27/25 12:21	1
2,4-Dichlorophenol	0.13	U	0.13	0.021	mg/Kg		09/27/25 07:27	09/27/25 12:21	1
2,4-Dimethylphenol	0.33	U	0.33	0.039	mg/Kg		09/27/25 07:27	09/27/25 12:21	1
2,4-Dinitrophenol	0.27	U	0.27	0.16	mg/Kg		09/27/25 07:27	09/27/25 12:21	1
2,4-Dinitrotoluene	0.067	U	0.067	0.036	mg/Kg		09/27/25 07:27	09/27/25 12:21	1
2,6-Dinitrotoluene	0.067	U	0.067	0.024	mg/Kg		09/27/25 07:27	09/27/25 12:21	1
2-Chloronaphthalene	0.33	U	0.33	0.043	mg/Kg		09/27/25 07:27	09/27/25 12:21	1
2-Chlorophenol	0.33	U	0.33	0.012	mg/Kg		09/27/25 07:27	09/27/25 12:21	1
2-Methylnaphthalene	0.33	U	0.33	0.0093	mg/Kg		09/27/25 07:27	09/27/25 12:21	1

Method: 8270E - Semivolatile Organic Compounds (GC/MS) (Continued)

Lab Sample ID: MB 460-1064131/1-A
Matrix: Solid
Analysis Batch: 1064171

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 1064131

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
2-Methylphenol	0.33	U	0.33	0.012	mg/Kg		09/27/25 07:27	09/27/25 12:21	1
2-Methylphenol	0.33	U	0.33	0.012	mg/Kg		09/27/25 07:27	09/27/25 12:21	1
2-Nitroaniline	0.33	U	0.33	0.025	mg/Kg		09/27/25 07:27	09/27/25 12:21	1
2-Nitrophenol	0.33	U	0.33	0.033	mg/Kg		09/27/25 07:27	09/27/25 12:21	1
3 & 4 Methylphenol	0.33	U	0.33	0.021	mg/Kg		09/27/25 07:27	09/27/25 12:21	1
3,3'-Dichlorobenzidine	0.13	U	0.13	0.050	mg/Kg		09/27/25 07:27	09/27/25 12:21	1
3-Nitroaniline	0.33	U	0.33	0.079	mg/Kg		09/27/25 07:27	09/27/25 12:21	1
4,6-Dinitro-2-methylphenol	0.27	U	0.27	0.14	mg/Kg		09/27/25 07:27	09/27/25 12:21	1
4-Bromophenyl phenyl ether	0.33	U	0.33	0.013	mg/Kg		09/27/25 07:27	09/27/25 12:21	1
4-Chloro-3-methylphenol	0.33	U	0.33	0.019	mg/Kg		09/27/25 07:27	09/27/25 12:21	1
4-Chloroaniline	0.33	U	0.33	0.059	mg/Kg		09/27/25 07:27	09/27/25 12:21	1
4-Chlorophenyl phenyl ether	0.33	U	0.33	0.012	mg/Kg		09/27/25 07:27	09/27/25 12:21	1
4-Methylphenol	0.33	U	0.33	0.021	mg/Kg		09/27/25 07:27	09/27/25 12:21	1
4-Nitroaniline	0.33	U	0.33	0.084	mg/Kg		09/27/25 07:27	09/27/25 12:21	1
4-Nitrophenol	0.67	U	0.67	0.054	mg/Kg		09/27/25 07:27	09/27/25 12:21	1
Acenaphthene	0.33	U	0.33	0.0094	mg/Kg		09/27/25 07:27	09/27/25 12:21	1
Acenaphthylene	0.33	U	0.33	0.0095	mg/Kg		09/27/25 07:27	09/27/25 12:21	1
Acetophenone	0.33	U	0.33	0.016	mg/Kg		09/27/25 07:27	09/27/25 12:21	1
Anthracene	0.33	U	0.33	0.010	mg/Kg		09/27/25 07:27	09/27/25 12:21	1
Atrazine	0.13	U	0.13	0.019	mg/Kg		09/27/25 07:27	09/27/25 12:21	1
Benzaldehyde	0.33	U	0.33	0.055	mg/Kg		09/27/25 07:27	09/27/25 12:21	1
Benzo[a]anthracene	0.033	U	0.033	0.025	mg/Kg		09/27/25 07:27	09/27/25 12:21	1
Benzo[a]pyrene	0.033	U	0.033	0.0088	mg/Kg		09/27/25 07:27	09/27/25 12:21	1
Benzo[b]fluoranthene	0.033	U	0.033	0.0086	mg/Kg		09/27/25 07:27	09/27/25 12:21	1
Benzo[g,h,i]perylene	0.33	U	0.33	0.0098	mg/Kg		09/27/25 07:27	09/27/25 12:21	1
Benzo[k]fluoranthene	0.033	U	0.033	0.0065	mg/Kg		09/27/25 07:27	09/27/25 12:21	1
Bis(2-chloroethoxy)methane	0.33	U	0.33	0.061	mg/Kg		09/27/25 07:27	09/27/25 12:21	1
Bis(2-chloroethyl)ether	0.033	U	0.033	0.012	mg/Kg		09/27/25 07:27	09/27/25 12:21	1
Bis(2-ethylhexyl) phthalate	0.33	U	0.33	0.017	mg/Kg		09/27/25 07:27	09/27/25 12:21	1
Butyl benzyl phthalate	0.33	U	0.33	0.016	mg/Kg		09/27/25 07:27	09/27/25 12:21	1
Caprolactam	0.33	U	0.33	0.051	mg/Kg		09/27/25 07:27	09/27/25 12:21	1
Carbazole	0.33	U	0.33	0.013	mg/Kg		09/27/25 07:27	09/27/25 12:21	1
Chrysene	0.33	U	0.33	0.014	mg/Kg		09/27/25 07:27	09/27/25 12:21	1
Dibenz(a,h)anthracene	0.033	U	0.033	0.014	mg/Kg		09/27/25 07:27	09/27/25 12:21	1
Dibenzofuran	0.33	U	0.33	0.011	mg/Kg		09/27/25 07:27	09/27/25 12:21	1
Diethyl phthalate	0.33	U	0.33	0.011	mg/Kg		09/27/25 07:27	09/27/25 12:21	1
Dimethyl phthalate	0.33	U	0.33	0.075	mg/Kg		09/27/25 07:27	09/27/25 12:21	1
Di-n-butyl phthalate	0.33	U	0.33	0.012	mg/Kg		09/27/25 07:27	09/27/25 12:21	1
Di-n-octyl phthalate	0.33	U	0.33	0.018	mg/Kg		09/27/25 07:27	09/27/25 12:21	1
Fluoranthene	0.33	U	0.33	0.012	mg/Kg		09/27/25 07:27	09/27/25 12:21	1
Fluorene	0.33	U	0.33	0.0097	mg/Kg		09/27/25 07:27	09/27/25 12:21	1
Hexachlorobenzene	0.033	U	0.033	0.016	mg/Kg		09/27/25 07:27	09/27/25 12:21	1
Hexachlorobutadiene	0.067	U	0.067	0.0070	mg/Kg		09/27/25 07:27	09/27/25 12:21	1
Hexachlorocyclopentadiene	0.33	U	0.33	0.029	mg/Kg		09/27/25 07:27	09/27/25 12:21	1
Hexachloroethane	0.033	U	0.033	0.011	mg/Kg		09/27/25 07:27	09/27/25 12:21	1
Indeno[1,2,3-cd]pyrene	0.033	U	0.033	0.013	mg/Kg		09/27/25 07:27	09/27/25 12:21	1
Isophorone	0.13	U	0.13	0.096	mg/Kg		09/27/25 07:27	09/27/25 12:21	1
Naphthalene	0.33	U	0.33	0.0057	mg/Kg		09/27/25 07:27	09/27/25 12:21	1
Nitrobenzene	0.033	U	0.033	0.018	mg/Kg		09/27/25 07:27	09/27/25 12:21	1

Method: 8270E - Semivolatile Organic Compounds (GC/MS) (Continued)

Lab Sample ID: MB 460-1064131/1-A
Matrix: Solid
Analysis Batch: 1064171

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 1064131

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
N-Nitrosodi-n-propylamine	0.033	U	0.033	0.024	mg/Kg		09/27/25 07:27	09/27/25 12:21	1
N-Nitrosodi-n-propylamine	0.033	U	0.033	0.024	mg/Kg		09/27/25 07:27	09/27/25 12:21	1
N-Nitrosodiphenylamine	0.33	U	0.33	0.027	mg/Kg		09/27/25 07:27	09/27/25 12:21	1
Pentachlorophenol	0.27	U	0.27	0.068	mg/Kg		09/27/25 07:27	09/27/25 12:21	1
Phenanthrene	0.33	U	0.33	0.014	mg/Kg		09/27/25 07:27	09/27/25 12:21	1
Phenol	0.33	U	0.33	0.012	mg/Kg		09/27/25 07:27	09/27/25 12:21	1
Pyrene	0.33	U	0.33	0.0082	mg/Kg		09/27/25 07:27	09/27/25 12:21	1

Surrogate	*MB %Recovery*	*MB Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
2,4,6-Tribromophenol (Surr)	*64*		*18 - 137*	*09/27/25 07:27*	*09/27/25 12:21*	*1*
2-Fluorobiphenyl	*65*		*33 - 117*	*09/27/25 07:27*	*09/27/25 12:21*	*1*
2-Fluorophenol (Surr)	*71*		*24 - 120*	*09/27/25 07:27*	*09/27/25 12:21*	*1*
Nitrobenzene-d5 (Surr)	*68*		*27 - 120*	*09/27/25 07:27*	*09/27/25 12:21*	*1*
Phenol-d5 (Surr)	*68*		*28 - 118*	*09/27/25 07:27*	*09/27/25 12:21*	*1*
Terphenyl-d14 (Surr)	*66*		*33 - 124*	*09/27/25 07:27*	*09/27/25 12:21*	*1*

Lab Sample ID: LCS 460-1064131/2-A
Matrix: Solid
Analysis Batch: 1064171

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 1064131

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
1,1'-Biphenyl	3.33	2.91		mg/Kg		87	64 - 120
1,2,4,5-Tetrachlorobenzene	3.33	2.99		mg/Kg		90	60 - 120
1,4-Dioxane	3.33	2.21		mg/Kg		66	31 - 105
2,2'-oxybis[1-chloropropane]	3.33	3.03		mg/Kg		91	50 - 126
2,3,4,6-Tetrachlorophenol	3.33	3.15		mg/Kg		95	62 - 120
2,4,5-Trichlorophenol	3.33	3.07		mg/Kg		92	64 - 120
2,4,6-Trichlorophenol	3.33	3.07		mg/Kg		92	65 - 120
2,4-Dichlorophenol	3.33	3.26		mg/Kg		98	66 - 120
2,4-Dimethylphenol	3.33	3.19		mg/Kg		96	75 - 136
2,4-Dinitrophenol	6.67	6.84		mg/Kg		103	41 - 120
2,4-Dinitrotoluene	3.33	3.32		mg/Kg		100	65 - 124
2,6-Dinitrotoluene	3.33	3.18		mg/Kg		95	67 - 121
2-Chloronaphthalene	3.33	2.92		mg/Kg		88	64 - 120
2-Chlorophenol	3.33	3.24		mg/Kg		97	63 - 120
2-Methylnaphthalene	3.33	3.25		mg/Kg		97	56 - 102
2-Methylphenol	3.33	3.16		mg/Kg		95	63 - 120
2-Nitroaniline	3.33	2.85		mg/Kg		85	52 - 120
2-Nitrophenol	3.33	3.37		mg/Kg		101	64 - 120
3 & 4 Methylphenol	3.33	3.21		mg/Kg		96	61 - 120
3,3'-Dichlorobenzidine	3.33	2.34		mg/Kg		70	10 - 106
3-Nitroaniline	3.33	2.30		mg/Kg		69	18 - 105
4,6-Dinitro-2-methylphenol	6.67	7.73		mg/Kg		116	61 - 127
4-Bromophenyl phenyl ether	3.33	3.18		mg/Kg		95	64 - 120
4-Chloro-3-methylphenol	3.33	3.18		mg/Kg		95	68 - 120
4-Chloroaniline	3.33	1.90		mg/Kg		57	10 - 107
4-Chlorophenyl phenyl ether	3.33	2.97		mg/Kg		89	62 - 120
4-Methylphenol	3.33	3.21		mg/Kg		96	61 - 120

Method: 8270E - Semivolatile Organic Compounds (GC/MS) (Continued)

Lab Sample ID: LCS 460-1064131/2-A
Matrix: Solid
Analysis Batch: 1064171

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 1064131

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
4-Nitroaniline	3.33	3.01		mg/Kg		90	51 - 112
4-Nitrophenol	6.67	6.17		mg/Kg		93	52 - 122
Acenaphthene	3.33	2.90		mg/Kg		87	65 - 120
Acenaphthylene	3.33	3.06		mg/Kg		92	68 - 120
Acetophenone	3.33	3.17		mg/Kg		95	61 - 111
Anthracene	3.33	3.18		mg/Kg		95	67 - 120
Atrazine	1.33	2.12	*	mg/Kg		159	52 - 150
Benzaldehyde	1.33	2.03	*	mg/Kg		152	45 - 150
Benzo[a]anthracene	3.33	3.17		mg/Kg		95	66 - 120
Benzo[a]pyrene	3.33	3.34		mg/Kg		100	69 - 123
Benzo[b]fluoranthene	3.33	3.38		mg/Kg		101	66 - 125
Benzo[g,h,i]perylene	3.33	3.09		mg/Kg		93	66 - 138
Benzo[k]fluoranthene	3.33	3.08		mg/Kg		92	67 - 122
Bis(2-chloroethoxy)methane	3.33	3.12		mg/Kg		94	62 - 120
Bis(2-chloroethyl)ether	3.33	3.12		mg/Kg		94	60 - 120
Bis(2-ethylhexyl) phthalate	3.33	3.41		mg/Kg		102	64 - 125
Butyl benzyl phthalate	3.33	3.51		mg/Kg		105	62 - 127
Caprolactam	1.33	1.99		mg/Kg		149	46 - 150
Carbazole	3.33	3.18		mg/Kg		95	64 - 120
Chrysene	3.33	3.22		mg/Kg		97	67 - 120
Dibenz(a,h)anthracene	3.33	3.42		mg/Kg		102	66 - 128
Dibenzofuran	3.33	2.92		mg/Kg		88	61 - 120
Diethyl phthalate	3.33	3.05		mg/Kg		91	63 - 120
Dimethyl phthalate	3.33	3.01		mg/Kg		90	65 - 120
Di-n-butyl phthalate	3.33	3.63		mg/Kg		109	61 - 120
Di-n-octyl phthalate	3.33	3.50		mg/Kg		105	61 - 123
Fluoranthene	3.33	3.26		mg/Kg		98	61 - 120
Fluorene	3.33	2.96		mg/Kg		89	64 - 120
Hexachlorobenzene	3.33	3.15		mg/Kg		94	66 - 120
Hexachlorobutadiene	3.33	3.16		mg/Kg		95	62 - 120
Hexachlorocyclopentadiene	3.33	2.42		mg/Kg		73	32 - 150
Hexachloroethane	3.33	3.10		mg/Kg		93	61 - 112
Indeno[1,2,3-cd]pyrene	3.33	3.00		mg/Kg		90	63 - 137
Isophorone	3.33	3.15		mg/Kg		94	61 - 120
Naphthalene	3.33	3.12		mg/Kg		94	63 - 113
Nitrobenzene	3.33	3.29		mg/Kg		99	63 - 120
N-Nitrosodi-n-propylamine	3.33	3.15		mg/Kg		94	60 - 120
N-Nitrosodiphenylamine	3.33	3.19		mg/Kg		96	63 - 120
Pentachlorophenol	6.67	6.77		mg/Kg		102	61 - 126
Phenanthrene	3.33	3.20		mg/Kg		96	66 - 120
Phenol	3.33	3.19		mg/Kg		96	63 - 120
Pyrene	3.33	3.18		mg/Kg		95	61 - 121

Surrogate	*LCS %Recovery*	*LCS Qualifier*	*Limits*
2,4,6-Tribromophenol (Surr)	*73*		*18 - 137*
2-Fluorobiphenyl	*67*		*33 - 117*
2-Fluorophenol (Surr)	*75*		*24 - 120*
Nitrobenzene-d5 (Surr)	*72*		*27 - 120*

Method: 8270E - Semivolatile Organic Compounds (GC/MS) (Continued)

Lab Sample ID: LCS 460-1064131/2-A
Matrix: Solid
Analysis Batch: 1064171

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 1064131

Surrogate	*LCS %Recovery*	*LCS Qualifier*	*Limits*
Phenol-d5 (Surr)	*73*		*28 - 118*
Terphenyl-d14 (Surr)	*69*		*33 - 124*

Lab Sample ID: LCSD 460-1064131/3-A
Matrix: Solid
Analysis Batch: 1064171

Client Sample ID: Lab Control Sample Dup
Prep Type: Total/NA
Prep Batch: 1064131

Analyte			Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
1,1'-Biphenyl			3.33	2.73		mg/Kg		82	64 - 120	6	30
1,2,4,5-Tetrachlorobenzene			3.33	2.73		mg/Kg		82	60 - 120	9	30
1,4-Dioxane			3.33	2.12		mg/Kg		63	31 - 105	5	30
2,2'-oxybis[1-chloropropane]			3.33	2.79		mg/Kg		84	50 - 126	8	30
2,3,4,6-Tetrachlorophenol			3.33	3.04		mg/Kg		91	62 - 120	3	30
2,4,5-Trichlorophenol			3.33	2.86		mg/Kg		86	64 - 120	7	30
2,4,6-Trichlorophenol			3.33	2.90		mg/Kg		87	65 - 120	6	30
2,4-Dichlorophenol			3.33	3.00		mg/Kg		90	66 - 120	8	30
2,4-Dimethylphenol			3.33	2.96		mg/Kg		89	75 - 136	7	30
2,4-Dinitrophenol			6.67	6.75		mg/Kg		101	41 - 120	1	30
2,4-Dinitrotoluene			3.33	3.21		mg/Kg		96	65 - 124	3	30
2,6-Dinitrotoluene			3.33	2.98		mg/Kg		90	67 - 121	6	30
2-Chloronaphthalene			3.33	2.71		mg/Kg		81	64 - 120	7	30
2-Chlorophenol			3.33	3.02		mg/Kg		91	63 - 120	7	30
2-Methylnaphthalene			3.33	3.02		mg/Kg		91	56 - 102	7	30
2-Methylphenol			3.33	2.94		mg/Kg		88	63 - 120	7	30
2-Nitroaniline			3.33	2.67		mg/Kg		80	52 - 120	7	30
2-Nitrophenol			3.33	3.13		mg/Kg		94	64 - 120	8	30
3 & 4 Methylphenol			3.33	2.96		mg/Kg		89	61 - 120	8	30
3,3'-Dichlorobenzidine			3.33	2.40		mg/Kg		72	10 - 106	3	30
3-Nitroaniline			3.33	2.31		mg/Kg		69	18 - 105	0	30
4,6-Dinitro-2-methylphenol			6.67	7.56		mg/Kg		113	61 - 127	2	30
4-Bromophenyl phenyl ether			3.33	3.04		mg/Kg		91	64 - 120	5	30
4-Chloro-3-methylphenol			3.33	2.98		mg/Kg		90	68 - 120	6	30
4-Chloroaniline			3.33	2.03		mg/Kg		61	10 - 107	6	30
4-Chlorophenyl phenyl ether			3.33	2.82		mg/Kg		85	62 - 120	5	30
4-Methylphenol			3.33	2.96		mg/Kg		89	61 - 120	8	30
4-Nitroaniline			3.33	3.02		mg/Kg		91	51 - 112	0	30
4-Nitrophenol			6.67	5.73		mg/Kg		86	52 - 122	7	30
Acenaphthene			3.33	2.75		mg/Kg		83	65 - 120	5	30
Acenaphthylene			3.33	2.86		mg/Kg		86	68 - 120	7	30
Acetophenone			3.33	2.90		mg/Kg		87	61 - 111	9	30
Anthracene			3.33	3.05		mg/Kg		92	67 - 120	4	30
Atrazine			1.33	1.63		mg/Kg		122	52 - 150	26	30
Benzaldehyde			1.33	1.55		mg/Kg		116	45 - 150	27	30
Benzo[a]anthracene			3.33	3.08		mg/Kg		92	66 - 120	3	30
Benzo[a]pyrene			3.33	3.24		mg/Kg		97	69 - 123	3	30
Benzo[b]fluoranthene			3.33	3.07		mg/Kg		92	66 - 125	10	30
Benzo[g,h,i]perylene			3.33	3.00		mg/Kg		90	66 - 138	3	30
Benzo[k]fluoranthene			3.33	3.22		mg/Kg		97	67 - 122	5	30

Method: 8270E - Semivolatile Organic Compounds (GC/MS) (Continued)

Lab Sample ID: LCSD 460-1064131/3-A
Matrix: Solid
Analysis Batch: 1064171

Client Sample ID: Lab Control Sample Dup
Prep Type: Total/NA
Prep Batch: 1064131

Analyte	Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Bis(2-chloroethoxy)methane	3.33	2.88		mg/Kg		87	62 - 120	8	30
Bis(2-chloroethyl)ether	3.33	2.89		mg/Kg		87	60 - 120	8	30
Bis(2-ethylhexyl) phthalate	3.33	3.26		mg/Kg		98	64 - 125	4	30
Butyl benzyl phthalate	3.33	3.34		mg/Kg		100	62 - 127	5	30
Caprolactam	1.33	1.59		mg/Kg		119	46 - 150	23	30
Carbazole	3.33	3.08		mg/Kg		93	64 - 120	3	30
Chrysene	3.33	3.09		mg/Kg		93	67 - 120	4	30
Dibenz(a,h)anthracene	3.33	3.33		mg/Kg		100	66 - 128	2	30
Dibenzofuran	3.33	2.79		mg/Kg		84	61 - 120	5	30
Diethyl phthalate	3.33	2.94		mg/Kg		88	63 - 120	3	30
Dimethyl phthalate	3.33	2.95		mg/Kg		88	65 - 120	2	30
Di-n-butyl phthalate	3.33	3.47		mg/Kg		104	61 - 120	5	30
Di-n-octyl phthalate	3.33	3.38		mg/Kg		101	61 - 123	3	30
Fluoranthene	3.33	3.10		mg/Kg		93	61 - 120	5	30
Fluorene	3.33	2.82		mg/Kg		84	64 - 120	5	30
Hexachlorobenzene	3.33	2.99		mg/Kg		90	66 - 120	5	30
Hexachlorobutadiene	3.33	2.92		mg/Kg		88	62 - 120	8	30
Hexachlorocyclopentadiene	3.33	2.21		mg/Kg		66	32 - 150	9	30
Hexachloroethane	3.33	2.88		mg/Kg		86	61 - 112	7	30
Indeno[1,2,3-cd]pyrene	3.33	2.98		mg/Kg		90	63 - 137	0	30
Isophorone	3.33	2.91		mg/Kg		87	61 - 120	8	30
Naphthalene	3.33	2.87		mg/Kg		86	63 - 113	8	30
Nitrobenzene	3.33	2.99		mg/Kg		90	63 - 120	9	30
N-Nitrosodi-n-propylamine	3.33	2.95		mg/Kg		88	60 - 120	7	30
N-Nitrosodiphenylamine	3.33	3.02		mg/Kg		91	63 - 120	5	30
Pentachlorophenol	6.67	6.50		mg/Kg		98	61 - 126	4	30
Phenanthrene	3.33	3.04		mg/Kg		91	66 - 120	5	30
Phenol	3.33	2.86		mg/Kg		86	63 - 120	11	30
Pyrene	3.33	3.06		mg/Kg		92	61 - 121	4	30

Surrogate	*LCSD %Recovery*	*LCSD Qualifier*	*Limits*
2,4,6-Tribromophenol (Surr)	*72*		*18 - 137*
2-Fluorobiphenyl	*65*		*33 - 117*
2-Fluorophenol (Surr)	*72*		*24 - 120*
Nitrobenzene-d5 (Surr)	*69*		*27 - 120*
Phenol-d5 (Surr)	*69*		*28 - 118*
Terphenyl-d14 (Surr)	*67*		*33 - 124*

Lab Sample ID: 460-335637-B-5-D MS
Matrix: Solid
Analysis Batch: 1064171

Client Sample ID: Matrix Spike
Prep Type: Total/NA
Prep Batch: 1064131

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec Limits
1,1'-Biphenyl	0.33	U	3.33	2.84		mg/Kg	☼	85	64 - 120
1,2,4,5-Tetrachlorobenzene	0.33	U	3.33	2.83		mg/Kg	☼	85	60 - 120
1,4-Dioxane	0.033	U	3.33	1.77		mg/Kg	☼	53	31 - 105
2,2'-oxybis[1-chloropropane]	0.33	U	3.33	2.84		mg/Kg	☼	85	50 - 126
2,3,4,6-Tetrachlorophenol	0.33	U	3.33	3.07		mg/Kg	☼	92	62 - 120

Method: 8270E - Semivolatile Organic Compounds (GC/MS) (Continued)

Lab Sample ID: 460-335637-B-5-D MS
Matrix: Solid
Analysis Batch: 1064171

Client Sample ID: Matrix Spike
Prep Type: Total/NA
Prep Batch: 1064131

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec Limits
2,4,5-Trichlorophenol	0.33	U	3.33	2.98		mg/Kg	☼	89	64 - 120
2,4,6-Trichlorophenol	0.13	U	3.33	2.99		mg/Kg	☼	90	65 - 120
2,4-Dichlorophenol	0.13	U	3.33	3.06		mg/Kg	☼	92	66 - 120
2,4-Dimethylphenol	0.33	U	3.33	3.04		mg/Kg	☼	91	75 - 136
2,4-Dinitrophenol	0.27	U	6.67	6.27		mg/Kg	☼	94	41 - 120
2,4-Dinitrotoluene	0.067	U	3.33	3.23		mg/Kg	☼	97	65 - 124
2,6-Dinitrotoluene	0.067	U	3.33	3.06		mg/Kg	☼	92	67 - 121
2-Chloronaphthalene	0.33	U	3.33	2.84		mg/Kg	☼	85	64 - 120
2-Chlorophenol	0.33	U	3.33	3.03		mg/Kg	☼	91	63 - 120
2-Methylnaphthalene	0.33	U	3.33	3.11		mg/Kg	☼	93	56 - 102
2-Methylphenol	0.33	U	3.33	3.00		mg/Kg	☼	90	63 - 120
2-Nitroaniline	0.33	U	3.33	2.77		mg/Kg	☼	83	52 - 120
2-Nitrophenol	0.33	U	3.33	3.20		mg/Kg	☼	96	64 - 120
3 & 4 Methylphenol	0.33	U	3.33	3.01		mg/Kg	☼	90	61 - 120
3,3'-Dichlorobenzidine	0.13	U	3.33	2.45		mg/Kg	☼	73	10 - 106
3-Nitroaniline	0.33	U	3.33	2.40		mg/Kg	☼	72	18 - 105
4,6-Dinitro-2-methylphenol	0.27	U	6.67	7.02		mg/Kg	☼	105	61 - 127
4-Bromophenyl phenyl ether	0.33	U	3.33	3.05		mg/Kg	☼	91	64 - 120
4-Chloro-3-methylphenol	0.33	U	3.33	3.10		mg/Kg	☼	93	68 - 120
4-Chloroaniline	0.33	U	3.33	1.93		mg/Kg	☼	58	10 - 107
4-Chlorophenyl phenyl ether	0.33	U	3.33	2.90		mg/Kg	☼	87	62 - 120
4-Methylphenol	0.33	U	3.33	3.01		mg/Kg	☼	90	61 - 120
4-Nitroaniline	0.33	U	3.33	2.95		mg/Kg	☼	88	51 - 112
4-Nitrophenol	0.67	U	6.67	5.93		mg/Kg	☼	89	52 - 122
Acenaphthene	0.33	U	3.33	2.84		mg/Kg	☼	85	65 - 120
Acenaphthylene	0.33	U	3.33	2.99		mg/Kg	☼	90	68 - 120
Acetophenone	0.33	U	3.33	2.95		mg/Kg	☼	88	61 - 111
Anthracene	0.33	U	3.33	3.09		mg/Kg	☼	93	67 - 120
Atrazine	0.13	U *	1.33	2.01	*	mg/Kg	☼	151	52 - 150
Benzaldehyde	0.33	U *	1.33	1.86	E	mg/Kg	☼	140	45 - 150
Benzo[a]anthracene	0.033	U	3.33	3.07		mg/Kg	☼	92	66 - 120
Benzo[a]pyrene	0.033	U	3.33	3.26		mg/Kg	☼	98	69 - 123
Benzo[b]fluoranthene	0.033	U	3.33	3.08		mg/Kg	☼	92	66 - 125
Benzo[g,h,i]perylene	0.33	U	3.33	3.09		mg/Kg	☼	93	66 - 138
Benzo[k]fluoranthene	0.033	U	3.33	3.17		mg/Kg	☼	95	67 - 122
Bis(2-chloroethoxy)methane	0.33	U	3.33	2.96		mg/Kg	☼	89	62 - 120
Bis(2-chloroethyl)ether	0.033	U	3.33	2.93		mg/Kg	☼	88	60 - 120
Bis(2-ethylhexyl) phthalate	0.33	U	3.33	3.35		mg/Kg	☼	100	64 - 125
Butyl benzyl phthalate	0.33	U	3.33	3.47		mg/Kg	☼	104	62 - 127
Caprolactam	0.33	U	1.33	2.02	*	mg/Kg	☼	151	46 - 150
Carbazole	0.33	U	3.33	3.08		mg/Kg	☼	92	64 - 120
Chrysene	0.33	U	3.33	3.06		mg/Kg	☼	92	67 - 120
Dibenz(a,h)anthracene	0.033	U	3.33	3.38		mg/Kg	☼	101	66 - 128
Dibenzofuran	0.33	U	3.33	2.87		mg/Kg	☼	86	61 - 120
Diethyl phthalate	0.33	U	3.33	2.97		mg/Kg	☼	89	63 - 120
Dimethyl phthalate	0.33	U	3.33	2.96		mg/Kg	☼	89	65 - 120
Di-n-butyl phthalate	0.33	U	3.33	3.54		mg/Kg	☼	106	61 - 120
Di-n-octyl phthalate	0.33	U	3.33	3.44		mg/Kg	☼	103	61 - 123
Fluoranthene	0.33	U	3.33	3.09		mg/Kg	☼	93	61 - 120

Method: 8270E - Semivolatile Organic Compounds (GC/MS) (Continued)

Lab Sample ID: 460-335637-B-5-D MS
Matrix: Solid
Analysis Batch: 1064171

Client Sample ID: Matrix Spike
Prep Type: Total/NA
Prep Batch: 1064131

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec Limits
Fluorene	0.33	U	3.33	2.87		mg/Kg	☼	86	64 - 120
Hexachlorobenzene	0.033	U	3.33	3.00		mg/Kg	☼	90	66 - 120
Hexachlorobutadiene	0.067	U	3.33	2.96		mg/Kg	☼	89	62 - 120
Hexachlorocyclopentadiene	0.33	U	3.33	1.78		mg/Kg	☼	53	32 - 150
Hexachloroethane	0.033	U	3.33	2.88		mg/Kg	☼	86	61 - 112
Indeno[1,2,3-cd]pyrene	0.033	U	3.33	3.07		mg/Kg	☼	92	63 - 137
Isophorone	0.13	U	3.33	3.01		mg/Kg	☼	90	61 - 120
Naphthalene	0.33	U	3.33	2.95		mg/Kg	☼	89	63 - 113
Nitrobenzene	0.033	U	3.33	3.06		mg/Kg	☼	92	63 - 120
N-Nitrosodi-n-propylamine	0.033	U	3.33	3.02		mg/Kg	☼	91	60 - 120
N-Nitrosodiphenylamine	0.33	U	3.33	3.05		mg/Kg	☼	91	63 - 120
Pentachlorophenol	0.27	U	6.67	6.55		mg/Kg	☼	98	61 - 126
Phenanthrene	0.33	U	3.33	3.06		mg/Kg	☼	92	66 - 120
Phenol	0.33	U	3.33	2.98		mg/Kg	☼	89	63 - 120
Pyrene	0.33	U	3.33	3.11		mg/Kg	☼	93	61 - 121

Surrogate	*MS %Recovery*	*MS Qualifier*	*Limits*
2,4,6-Tribromophenol (Surr)	*70*		*18 - 137*
2-Fluorobiphenyl	*65*		*33 - 117*
2-Fluorophenol (Surr)	*71*		*24 - 120*
Nitrobenzene-d5 (Surr)	*69*		*27 - 120*
Phenol-d5 (Surr)	*69*		*28 - 118*
Terphenyl-d14 (Surr)	*68*		*33 - 124*

Lab Sample ID: 460-335637-B-5-E MSD
Matrix: Solid
Analysis Batch: 1064171

Client Sample ID: Matrix Spike Duplicate
Prep Type: Total/NA
Prep Batch: 1064131

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
1,1'-Biphenyl	0.33	U	3.34	2.85		mg/Kg	☼	85	64 - 120	1	30
1,2,4,5-Tetrachlorobenzene	0.33	U	3.34	2.85		mg/Kg	☼	85	60 - 120	1	30
1,4-Dioxane	0.033	U	3.34	1.83		mg/Kg	☼	55	31 - 105	3	30
2,2'-oxybis[1-chloropropane]	0.33	U	3.34	2.90		mg/Kg	☼	87	50 - 126	2	30
2,3,4,6-Tetrachlorophenol	0.33	U	3.34	3.10		mg/Kg	☼	93	62 - 120	1	30
2,4,5-Trichlorophenol	0.33	U	3.34	3.00		mg/Kg	☼	90	64 - 120	1	30
2,4,6-Trichlorophenol	0.13	U	3.34	2.99		mg/Kg	☼	90	65 - 120	0	30
2,4-Dichlorophenol	0.13	U	3.34	3.11		mg/Kg	☼	93	66 - 120	2	30
2,4-Dimethylphenol	0.33	U	3.34	3.10		mg/Kg	☼	93	75 - 136	2	30
2,4-Dinitrophenol	0.27	U	6.68	6.47		mg/Kg	☼	97	41 - 120	3	30
2,4-Dinitrotoluene	0.067	U	3.34	3.26		mg/Kg	☼	98	65 - 124	1	30
2,6-Dinitrotoluene	0.067	U	3.34	3.07		mg/Kg	☼	92	67 - 121	0	30
2-Chloronaphthalene	0.33	U	3.34	2.83		mg/Kg	☼	85	64 - 120	0	30
2-Chlorophenol	0.33	U	3.34	3.11		mg/Kg	☼	93	63 - 120	3	30
2-Methylnaphthalene	0.33	U	3.34	3.14		mg/Kg	☼	94	56 - 102	1	30
2-Methylphenol	0.33	U	3.34	3.08		mg/Kg	☼	92	63 - 120	3	30
2-Nitroaniline	0.33	U	3.34	2.80		mg/Kg	☼	84	52 - 120	1	30
2-Nitrophenol	0.33	U	3.34	3.27		mg/Kg	☼	98	64 - 120	2	30
3 & 4 Methylphenol	0.33	U	3.34	3.09		mg/Kg	☼	93	61 - 120	3	30

Method: 8270E - Semivolatile Organic Compounds (GC/MS) (Continued)

Lab Sample ID: 460-335637-B-5-E MSD
Matrix: Solid
Analysis Batch: 1064171

Client Sample ID: Matrix Spike Duplicate
Prep Type: Total/NA
Prep Batch: 1064131

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
3,3'-Dichlorobenzidine	0.13	U	3.34	2.60		mg/Kg	☼	78	10 - 106	6	30
3-Nitroaniline	0.33	U	3.34	2.44		mg/Kg	☼	73	18 - 105	2	30
4,6-Dinitro-2-methylphenol	0.27	U	6.68	7.30		mg/Kg	☼	109	61 - 127	4	30
4-Bromophenyl phenyl ether	0.33	U	3.34	3.10		mg/Kg	☼	93	64 - 120	2	30
4-Chloro-3-methylphenol	0.33	U	3.34	3.15		mg/Kg	☼	94	68 - 120	2	30
4-Chloroaniline	0.33	U	3.34	2.05		mg/Kg	☼	62	10 - 107	6	30
4-Chlorophenyl phenyl ether	0.33	U	3.34	2.91		mg/Kg	☼	87	62 - 120	0	30
4-Methylphenol	0.33	U	3.34	3.09		mg/Kg	☼	93	61 - 120	3	30
4-Nitroaniline	0.33	U	3.34	2.99		mg/Kg	☼	90	51 - 112	1	30
4-Nitrophenol	0.67	U	6.68	6.07		mg/Kg	☼	91	52 - 122	2	30
Acenaphthene	0.33	U	3.34	2.85		mg/Kg	☼	85	65 - 120	0	30
Acenaphthylene	0.33	U	3.34	2.99		mg/Kg	☼	89	68 - 120	0	30
Acetophenone	0.33	U	3.34	3.05		mg/Kg	☼	91	61 - 111	4	30
Anthracene	0.33	U	3.34	3.14		mg/Kg	☼	94	67 - 120	2	30
Atrazine	0.13	U *	1.34	1.63		mg/Kg	☼	122	52 - 150	21	30
Benzaldehyde	0.33	U *	1.34	1.52	E	mg/Kg	☼	114	45 - 150	20	30
Benzo[a]anthracene	0.033	U	3.34	3.12		mg/Kg	☼	93	66 - 120	2	30
Benzo[a]pyrene	0.033	U	3.34	3.33		mg/Kg	☼	100	69 - 123	2	30
Benzo[b]fluoranthene	0.033	U	3.34	3.13		mg/Kg	☼	94	66 - 125	2	30
Benzo[g,h,i]perylene	0.33	U	3.34	3.15		mg/Kg	☼	94	66 - 138	2	30
Benzo[k]fluoranthene	0.033	U	3.34	3.26		mg/Kg	☼	98	67 - 122	3	30
Bis(2-chloroethoxy)methane	0.33	U	3.34	3.02		mg/Kg	☼	91	62 - 120	2	30
Bis(2-chloroethyl)ether	0.033	U	3.34	3.02		mg/Kg	☼	91	60 - 120	3	30
Bis(2-ethylhexyl) phthalate	0.33	U	3.34	3.37		mg/Kg	☼	101	64 - 125	1	30
Butyl benzyl phthalate	0.33	U	3.34	3.50		mg/Kg	☼	105	62 - 127	1	30
Caprolactam	0.33	U	1.34	1.68		mg/Kg	☼	125	46 - 150	19	30
Carbazole	0.33	U	3.34	3.15		mg/Kg	☼	94	64 - 120	2	30
Chrysene	0.33	U	3.34	3.14		mg/Kg	☼	94	67 - 120	2	30
Dibenz(a,h)anthracene	0.033	U	3.34	3.49		mg/Kg	☼	104	66 - 128	3	30
Dibenzofuran	0.33	U	3.34	2.87		mg/Kg	☼	86	61 - 120	0	30
Diethyl phthalate	0.33	U	3.34	3.00		mg/Kg	☼	90	63 - 120	1	30
Dimethyl phthalate	0.33	U	3.34	2.96		mg/Kg	☼	89	65 - 120	0	30
Di-n-butyl phthalate	0.33	U	3.34	3.61		mg/Kg	☼	108	61 - 120	2	30
Di-n-octyl phthalate	0.33	U	3.34	3.50		mg/Kg	☼	105	61 - 123	2	30
Fluoranthene	0.33	U	3.34	3.14		mg/Kg	☼	94	61 - 120	2	30
Fluorene	0.33	U	3.34	2.90		mg/Kg	☼	87	64 - 120	1	30
Hexachlorobenzene	0.033	U	3.34	3.08		mg/Kg	☼	92	66 - 120	3	30
Hexachlorobutadiene	0.067	U	3.34	3.01		mg/Kg	☼	90	62 - 120	1	30
Hexachlorocyclopentadiene	0.33	U	3.34	1.87		mg/Kg	☼	56	32 - 150	5	30
Hexachloroethane	0.033	U	3.34	2.95		mg/Kg	☼	88	61 - 112	2	30
Indeno[1,2,3-cd]pyrene	0.033	U	3.34	3.12		mg/Kg	☼	94	63 - 137	2	30
Isophorone	0.13	U	3.34	3.09		mg/Kg	☼	92	61 - 120	3	30
Naphthalene	0.33	U	3.34	2.99		mg/Kg	☼	89	63 - 113	1	30
Nitrobenzene	0.033	U	3.34	3.10		mg/Kg	☼	93	63 - 120	1	30
N-Nitrosodi-n-propylamine	0.033	U	3.34	3.06		mg/Kg	☼	92	60 - 120	1	30
N-Nitrosodiphenylamine	0.33	U	3.34	3.13		mg/Kg	☼	94	63 - 120	3	30
Pentachlorophenol	0.27	U	6.68	6.68		mg/Kg	☼	100	61 - 126	2	30
Phenanthrene	0.33	U	3.34	3.12		mg/Kg	☼	93	66 - 120	2	30
Phenol	0.33	U	3.34	3.08		mg/Kg	☼	92	63 - 120	3	30

Method: 8270E - Semivolatile Organic Compounds (GC/MS) (Continued)

Lab Sample ID: 460-335637-B-5-E MSD
Matrix: Solid
Analysis Batch: 1064171

Client Sample ID: Matrix Spike Duplicate
Prep Type: Total/NA
Prep Batch: 1064131

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Pyrene	0.33	U	3.34	3.16		mg/Kg	☼	95	61 - 121	1	30

Surrogate	*MSD %Recovery*	*MSD Qualifier*	*Limits*
2,4,6-Tribromophenol (Surr)	*70*		*18 - 137*
2-Fluorobiphenyl	*66*		*33 - 117*
2-Fluorophenol (Surr)	*73*		*24 - 120*
Nitrobenzene-d5 (Surr)	*70*		*27 - 120*
Phenol-d5 (Surr)	*71*		*28 - 118*
Terphenyl-d14 (Surr)	*68*		*33 - 124*

Lab Sample ID: MB 460-1064230/1-A
Matrix: Solid
Analysis Batch: 1064281

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 1064230

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1'-Biphenyl	0.33	U	0.33	0.012	mg/Kg		09/27/25 15:56	09/28/25 06:58	1
1,2,4,5-Tetrachlorobenzene	0.33	U	0.33	0.010	mg/Kg		09/27/25 15:56	09/28/25 06:58	1
1,4-Dioxane	0.033	U	0.033	0.029	mg/Kg		09/27/25 15:56	09/28/25 06:58	1
2,2'-oxybis[1-chloropropane]	0.33	U	0.33	0.020	mg/Kg		09/27/25 15:56	09/28/25 06:58	1
2,3,4,6-Tetrachlorophenol	0.33	U	0.33	0.022	mg/Kg		09/27/25 15:56	09/28/25 06:58	1
2,4,5-Trichlorophenol	0.33	U	0.33	0.034	mg/Kg		09/27/25 15:56	09/28/25 06:58	1
2,4,6-Trichlorophenol	0.13	U	0.13	0.042	mg/Kg		09/27/25 15:56	09/28/25 06:58	1
2,4-Dichlorophenol	0.13	U	0.13	0.021	mg/Kg		09/27/25 15:56	09/28/25 06:58	1
2,4-Dimethylphenol	0.33	U	0.33	0.039	mg/Kg		09/27/25 15:56	09/28/25 06:58	1
2,4-Dinitrophenol	0.27	U	0.27	0.16	mg/Kg		09/27/25 15:56	09/28/25 06:58	1
2,4-Dinitrotoluene	0.067	U	0.067	0.036	mg/Kg		09/27/25 15:56	09/28/25 06:58	1
2,6-Dinitrotoluene	0.067	U	0.067	0.024	mg/Kg		09/27/25 15:56	09/28/25 06:58	1
2-Chloronaphthalene	0.33	U	0.33	0.043	mg/Kg		09/27/25 15:56	09/28/25 06:58	1
2-Chlorophenol	0.33	U	0.33	0.012	mg/Kg		09/27/25 15:56	09/28/25 06:58	1
2-Methylnaphthalene	0.33	U	0.33	0.0093	mg/Kg		09/27/25 15:56	09/28/25 06:58	1
2-Methylphenol	0.33	U	0.33	0.012	mg/Kg		09/27/25 15:56	09/28/25 06:58	1
2-Nitroaniline	0.33	U	0.33	0.025	mg/Kg		09/27/25 15:56	09/28/25 06:58	1
2-Nitrophenol	0.33	U	0.33	0.033	mg/Kg		09/27/25 15:56	09/28/25 06:58	1
3 & 4 Methylphenol	0.33	U	0.33	0.021	mg/Kg		09/27/25 15:56	09/28/25 06:58	1
3,3'-Dichlorobenzidine	0.13	U	0.13	0.050	mg/Kg		09/27/25 15:56	09/28/25 06:58	1
3-Nitroaniline	0.33	U	0.33	0.079	mg/Kg		09/27/25 15:56	09/28/25 06:58	1
4,6-Dinitro-2-methylphenol	0.27	U	0.27	0.14	mg/Kg		09/27/25 15:56	09/28/25 06:58	1
4-Bromophenyl phenyl ether	0.33	U	0.33	0.013	mg/Kg		09/27/25 15:56	09/28/25 06:58	1
4-Chloro-3-methylphenol	0.33	U	0.33	0.019	mg/Kg		09/27/25 15:56	09/28/25 06:58	1
4-Chloroaniline	0.33	U	0.33	0.059	mg/Kg		09/27/25 15:56	09/28/25 06:58	1
4-Chlorophenyl phenyl ether	0.33	U	0.33	0.012	mg/Kg		09/27/25 15:56	09/28/25 06:58	1
4-Methylphenol	0.33	U	0.33	0.021	mg/Kg		09/27/25 15:56	09/28/25 06:58	1
4-Nitroaniline	0.33	U	0.33	0.084	mg/Kg		09/27/25 15:56	09/28/25 06:58	1
4-Nitrophenol	0.67	U	0.67	0.054	mg/Kg		09/27/25 15:56	09/28/25 06:58	1
Acenaphthene	0.33	U	0.33	0.0094	mg/Kg		09/27/25 15:56	09/28/25 06:58	1
Acenaphthylene	0.33	U	0.33	0.0095	mg/Kg		09/27/25 15:56	09/28/25 06:58	1
Acetophenone	0.33	U	0.33	0.016	mg/Kg		09/27/25 15:56	09/28/25 06:58	1
Anthracene	0.33	U	0.33	0.010	mg/Kg		09/27/25 15:56	09/28/25 06:58	1

Method: 8270E - Semivolatile Organic Compounds (GC/MS) (Continued)

Lab Sample ID: MB 460-1064230/1-A
Matrix: Solid
Analysis Batch: 1064281

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 1064230

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Atrazine	0.13	U	0.13	0.019	mg/Kg		09/27/25 15:56	09/28/25 06:58	1
Atrazine	0.13	U	0.13	0.019	mg/Kg		09/27/25 15:56	09/28/25 06:58	1
Benzaldehyde	0.33	U	0.33	0.055	mg/Kg		09/27/25 15:56	09/28/25 06:58	1
Benzo[a]anthracene	0.033	U	0.033	0.025	mg/Kg		09/27/25 15:56	09/28/25 06:58	1
Benzo[a]pyrene	0.033	U	0.033	0.0088	mg/Kg		09/27/25 15:56	09/28/25 06:58	1
Benzo[b]fluoranthene	0.033	U	0.033	0.0086	mg/Kg		09/27/25 15:56	09/28/25 06:58	1
Benzo[g,h,i]perylene	0.33	U	0.33	0.0098	mg/Kg		09/27/25 15:56	09/28/25 06:58	1
Benzo[k]fluoranthene	0.033	U	0.033	0.0065	mg/Kg		09/27/25 15:56	09/28/25 06:58	1
Bis(2-chloroethoxy)methane	0.33	U	0.33	0.061	mg/Kg		09/27/25 15:56	09/28/25 06:58	1
Bis(2-chloroethyl)ether	0.033	U	0.033	0.012	mg/Kg		09/27/25 15:56	09/28/25 06:58	1
Bis(2-ethylhexyl) phthalate	0.33	U	0.33	0.017	mg/Kg		09/27/25 15:56	09/28/25 06:58	1
Butyl benzyl phthalate	0.33	U	0.33	0.016	mg/Kg		09/27/25 15:56	09/28/25 06:58	1
Caprolactam	0.33	U	0.33	0.051	mg/Kg		09/27/25 15:56	09/28/25 06:58	1
Carbazole	0.33	U	0.33	0.013	mg/Kg		09/27/25 15:56	09/28/25 06:58	1
Chrysene	0.33	U	0.33	0.014	mg/Kg		09/27/25 15:56	09/28/25 06:58	1
Dibenz(a,h)anthracene	0.033	U	0.033	0.014	mg/Kg		09/27/25 15:56	09/28/25 06:58	1
Dibenzofuran	0.33	U	0.33	0.011	mg/Kg		09/27/25 15:56	09/28/25 06:58	1
Diethyl phthalate	0.33	U	0.33	0.011	mg/Kg		09/27/25 15:56	09/28/25 06:58	1
Dimethyl phthalate	0.33	U	0.33	0.075	mg/Kg		09/27/25 15:56	09/28/25 06:58	1
Di-n-butyl phthalate	0.33	U	0.33	0.012	mg/Kg		09/27/25 15:56	09/28/25 06:58	1
Di-n-octyl phthalate	0.33	U	0.33	0.018	mg/Kg		09/27/25 15:56	09/28/25 06:58	1
Fluoranthene	0.33	U	0.33	0.012	mg/Kg		09/27/25 15:56	09/28/25 06:58	1
Fluorene	0.33	U	0.33	0.0097	mg/Kg		09/27/25 15:56	09/28/25 06:58	1
Hexachlorobenzene	0.033	U	0.033	0.016	mg/Kg		09/27/25 15:56	09/28/25 06:58	1
Hexachlorobutadiene	0.067	U	0.067	0.0070	mg/Kg		09/27/25 15:56	09/28/25 06:58	1
Hexachlorocyclopentadiene	0.33	U	0.33	0.029	mg/Kg		09/27/25 15:56	09/28/25 06:58	1
Hexachloroethane	0.033	U	0.033	0.011	mg/Kg		09/27/25 15:56	09/28/25 06:58	1
Indeno[1,2,3-cd]pyrene	0.033	U	0.033	0.013	mg/Kg		09/27/25 15:56	09/28/25 06:58	1
Isophorone	0.13	U	0.13	0.096	mg/Kg		09/27/25 15:56	09/28/25 06:58	1
Naphthalene	0.33	U	0.33	0.0057	mg/Kg		09/27/25 15:56	09/28/25 06:58	1
Nitrobenzene	0.033	U	0.033	0.018	mg/Kg		09/27/25 15:56	09/28/25 06:58	1
N-Nitrosodi-n-propylamine	0.033	U	0.033	0.024	mg/Kg		09/27/25 15:56	09/28/25 06:58	1
N-Nitrosodiphenylamine	0.33	U	0.33	0.027	mg/Kg		09/27/25 15:56	09/28/25 06:58	1
Pentachlorophenol	0.27	U	0.27	0.068	mg/Kg		09/27/25 15:56	09/28/25 06:58	1
Phenanthrene	0.33	U	0.33	0.014	mg/Kg		09/27/25 15:56	09/28/25 06:58	1
Phenol	0.33	U	0.33	0.012	mg/Kg		09/27/25 15:56	09/28/25 06:58	1
Pyrene	0.33	U	0.33	0.0082	mg/Kg		09/27/25 15:56	09/28/25 06:58	1

Surrogate	*MB %Recovery*	*MB Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
2,4,6-Tribromophenol (Surr)	*60*		*18 - 137*	*09/27/25 15:56*	*09/28/25 06:58*	*1*
2-Fluorobiphenyl	*55*		*33 - 117*	*09/27/25 15:56*	*09/28/25 06:58*	*1*
2-Fluorophenol (Surr)	*57*		*24 - 120*	*09/27/25 15:56*	*09/28/25 06:58*	*1*
Nitrobenzene-d5 (Surr)	*59*		*27 - 120*	*09/27/25 15:56*	*09/28/25 06:58*	*1*
Phenol-d5 (Surr)	*57*		*28 - 118*	*09/27/25 15:56*	*09/28/25 06:58*	*1*
Terphenyl-d14 (Surr)	*64*		*33 - 124*	*09/27/25 15:56*	*09/28/25 06:58*	*1*

Method: 8270E - Semivolatile Organic Compounds (GC/MS) (Continued)

Lab Sample ID: LCS 460-1064230/2-A
Matrix: Solid
Analysis Batch: 1064281

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 1064230

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
1,1'-Biphenyl	3.33	2.61		mg/Kg		78	64 - 120
1,2,4,5-Tetrachlorobenzene	3.33	2.59		mg/Kg		78	60 - 120
1,4-Dioxane	3.33	2.38		mg/Kg		71	31 - 105
2,2'-oxybis[1-chloropropane]	3.33	2.63		mg/Kg		79	50 - 126
2,3,4,6-Tetrachlorophenol	3.33	2.79		mg/Kg		84	62 - 120
2,4,5-Trichlorophenol	3.33	2.77		mg/Kg		83	64 - 120
2,4,6-Trichlorophenol	3.33	2.84		mg/Kg		85	65 - 120
2,4-Dichlorophenol	3.33	3.02		mg/Kg		91	66 - 120
2,4-Dimethylphenol	3.33	2.94		mg/Kg		88	75 - 136
2,4-Dinitrophenol	6.67	6.94		mg/Kg		104	41 - 120
2,4-Dinitrotoluene	3.33	3.21		mg/Kg		96	65 - 124
2,6-Dinitrotoluene	3.33	3.14		mg/Kg		94	67 - 121
2-Chloronaphthalene	3.33	2.51		mg/Kg		75	64 - 120
2-Chlorophenol	3.33	2.84		mg/Kg		85	63 - 120
2-Methylnaphthalene	3.33	2.89		mg/Kg		87	56 - 102
2-Methylphenol	3.33	2.85		mg/Kg		86	63 - 120
2-Nitroaniline	3.33	2.89		mg/Kg		87	52 - 120
2-Nitrophenol	3.33	3.46		mg/Kg		104	64 - 120
3 & 4 Methylphenol	3.33	2.94		mg/Kg		88	61 - 120
3,3'-Dichlorobenzidine	3.33	1.83		mg/Kg		55	10 - 106
3-Nitroaniline	3.33	2.50		mg/Kg		75	18 - 105
4,6-Dinitro-2-methylphenol	6.67	6.76		mg/Kg		101	61 - 127
4-Bromophenyl phenyl ether	3.33	2.86		mg/Kg		86	64 - 120
4-Chloro-3-methylphenol	3.33	2.91		mg/Kg		87	68 - 120
4-Chloroaniline	3.33	1.99		mg/Kg		60	10 - 107
4-Chlorophenyl phenyl ether	3.33	2.64		mg/Kg		79	62 - 120
4-Methylphenol	3.33	2.94		mg/Kg		88	61 - 120
4-Nitroaniline	3.33	2.64		mg/Kg		79	51 - 112
4-Nitrophenol	6.67	5.54		mg/Kg		83	52 - 122
Acenaphthene	3.33	2.53		mg/Kg		76	65 - 120
Acenaphthylene	3.33	2.72		mg/Kg		82	68 - 120
Acetophenone	3.33	2.80		mg/Kg		84	61 - 111
Anthracene	3.33	2.78		mg/Kg		83	67 - 120
Atrazine	1.33	1.26		mg/Kg		95	52 - 150
Benzaldehyde	1.33	1.26		mg/Kg		94	45 - 150
Benzo[a]anthracene	3.33	2.68		mg/Kg		80	66 - 120
Benzo[a]pyrene	3.33	2.76		mg/Kg		83	69 - 123
Benzo[b]fluoranthene	3.33	2.74		mg/Kg		82	66 - 125
Benzo[g,h,i]perylene	3.33	2.77		mg/Kg		83	66 - 138
Benzo[k]fluoranthene	3.33	2.66		mg/Kg		80	67 - 122
Bis(2-chloroethoxy)methane	3.33	2.74		mg/Kg		82	62 - 120
Bis(2-chloroethyl)ether	3.33	2.70		mg/Kg		81	60 - 120
Bis(2-ethylhexyl) phthalate	3.33	2.98		mg/Kg		89	64 - 125
Butyl benzyl phthalate	3.33	3.25		mg/Kg		98	62 - 127
Caprolactam	1.33	1.24		mg/Kg		93	46 - 150
Carbazole	3.33	2.78		mg/Kg		83	64 - 120
Chrysene	3.33	2.79		mg/Kg		84	67 - 120
Dibenz(a,h)anthracene	3.33	2.99		mg/Kg		90	66 - 128

Method: 8270E - Semivolatile Organic Compounds (GC/MS) (Continued)

Lab Sample ID: LCS 460-1064230/2-A
Matrix: Solid
Analysis Batch: 1064281

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 1064230

Analyte			Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits		
Dibenzofuran			3.33	2.57		mg/Kg		77	61 - 120		
Diethyl phthalate			3.33	2.63		mg/Kg		79	63 - 120		
Dimethyl phthalate			3.33	2.68		mg/Kg		80	65 - 120		
Di-n-butyl phthalate			3.33	3.00		mg/Kg		90	61 - 120		
Di-n-octyl phthalate			3.33	3.12		mg/Kg		94	61 - 123		
Fluoranthene			3.33	2.71		mg/Kg		81	61 - 120		
Fluorene			3.33	2.63		mg/Kg		79	64 - 120		
Hexachlorobenzene			3.33	2.80		mg/Kg		84	66 - 120		
Hexachlorobutadiene			3.33	2.72		mg/Kg		81	62 - 120		
Hexachlorocyclopentadiene			3.33	3.01		mg/Kg		90	32 - 150		
Hexachloroethane			3.33	2.81		mg/Kg		84	61 - 112		
Indeno[1,2,3-cd]pyrene			3.33	2.98		mg/Kg		89	63 - 137		
Isophorone			3.33	2.78		mg/Kg		84	61 - 120		
Naphthalene			3.33	2.72		mg/Kg		82	63 - 113		
Nitrobenzene			3.33	2.98		mg/Kg		89	63 - 120		
N-Nitrosodi-n-propylamine			3.33	2.73		mg/Kg		82	60 - 120		
N-Nitrosodiphenylamine			3.33	2.84		mg/Kg		85	63 - 120		
Pentachlorophenol			6.67	6.10		mg/Kg		92	61 - 126		
Phenanthrene			3.33	2.75		mg/Kg		83	66 - 120		
Phenol			3.33	2.79		mg/Kg		84	63 - 120		
Pyrene			3.33	2.87		mg/Kg		86	61 - 121		

Surrogate	*LCS %Recovery*	*LCS Qualifier*	*Limits*
2,4,6-Tribromophenol (Surr)	*72*		*18 - 137*
2-Fluorobiphenyl	*68*		*33 - 117*
2-Fluorophenol (Surr)	*76*		*24 - 120*
Nitrobenzene-d5 (Surr)	*77*		*27 - 120*
Phenol-d5 (Surr)	*75*		*28 - 118*
Terphenyl-d14 (Surr)	*72*		*33 - 124*

Lab Sample ID: LCSD 460-1064230/3-A
Matrix: Solid
Analysis Batch: 1064281

Client Sample ID: Lab Control Sample Dup
Prep Type: Total/NA
Prep Batch: 1064230

Analyte			Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
1,1'-Biphenyl			3.33	2.66		mg/Kg		80	64 - 120	2	30
1,2,4,5-Tetrachlorobenzene			3.33	2.67		mg/Kg		80	60 - 120	3	30
1,4-Dioxane			3.33	2.48		mg/Kg		74	31 - 105	4	30
2,2'-oxybis[1-chloropropane]			3.33	2.68		mg/Kg		80	50 - 126	2	30
2,3,4,6-Tetrachlorophenol			3.33	2.81		mg/Kg		84	62 - 120	1	30
2,4,5-Trichlorophenol			3.33	2.77		mg/Kg		83	64 - 120	0	30
2,4,6-Trichlorophenol			3.33	2.87		mg/Kg		86	65 - 120	1	30
2,4-Dichlorophenol			3.33	3.00		mg/Kg		90	66 - 120	1	30
2,4-Dimethylphenol			3.33	2.86		mg/Kg		86	75 - 136	3	30
2,4-Dinitrophenol			6.67	6.92		mg/Kg		104	41 - 120	0	30
2,4-Dinitrotoluene			3.33	3.24		mg/Kg		97	65 - 124	1	30
2,6-Dinitrotoluene			3.33	3.12		mg/Kg		94	67 - 121	0	30
2-Chloronaphthalene			3.33	2.60		mg/Kg		78	64 - 120	3	30

Method: 8270E - Semivolatile Organic Compounds (GC/MS) (Continued)

Lab Sample ID: LCSD 460-1064230/3-A
Matrix: Solid
Analysis Batch: 1064281

Client Sample ID: Lab Control Sample Dup
Prep Type: Total/NA
Prep Batch: 1064230

Analyte			Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
2-Chlorophenol			3.33	2.92		mg/Kg		88	63 - 120	3	30
2-Methylnaphthalene			3.33	2.89		mg/Kg		87	56 - 102	0	30
2-Methylphenol			3.33	2.90		mg/Kg		87	63 - 120	2	30
2-Nitroaniline			3.33	2.91		mg/Kg		87	52 - 120	1	30
2-Nitrophenol			3.33	3.51		mg/Kg		105	64 - 120	2	30
3 & 4 Methylphenol			3.33	2.97		mg/Kg		89	61 - 120	1	30
3,3'-Dichlorobenzidine			3.33	1.87		mg/Kg		56	10 - 106	2	30
3-Nitroaniline			3.33	2.58		mg/Kg		77	18 - 105	3	30
4,6-Dinitro-2-methylphenol			6.67	6.59		mg/Kg		99	61 - 127	2	30
4-Bromophenyl phenyl ether			3.33	2.86		mg/Kg		86	64 - 120	0	30
4-Chloro-3-methylphenol			3.33	2.96		mg/Kg		89	68 - 120	2	30
4-Chloroaniline			3.33	2.04		mg/Kg		61	10 - 107	2	30
4-Chlorophenyl phenyl ether			3.33	2.66		mg/Kg		80	62 - 120	1	30
4-Methylphenol			3.33	2.97		mg/Kg		89	61 - 120	1	30
4-Nitroaniline			3.33	2.68		mg/Kg		80	51 - 112	2	30
4-Nitrophenol			6.67	5.60		mg/Kg		84	52 - 122	1	30
Acenaphthene			3.33	2.59		mg/Kg		78	65 - 120	2	30
Acenaphthylene			3.33	2.78		mg/Kg		83	68 - 120	2	30
Acetophenone			3.33	2.83		mg/Kg		85	61 - 111	1	30
Anthracene			3.33	2.76		mg/Kg		83	67 - 120	1	30
Atrazine			1.33	1.28		mg/Kg		96	52 - 150	1	30
Benzaldehyde			1.33	1.28		mg/Kg		96	45 - 150	2	30
Benzo[a]anthracene			3.33	2.70		mg/Kg		81	66 - 120	1	30
Benzo[a]pyrene			3.33	2.71		mg/Kg		81	69 - 123	2	30
Benzo[b]fluoranthene			3.33	2.75		mg/Kg		83	66 - 125	1	30
Benzo[g,h,i]perylene			3.33	2.71		mg/Kg		81	66 - 138	2	30
Benzo[k]fluoranthene			3.33	2.53		mg/Kg		76	67 - 122	5	30
Bis(2-chloroethoxy)methane			3.33	2.79		mg/Kg		84	62 - 120	2	30
Bis(2-chloroethyl)ether			3.33	2.77		mg/Kg		83	60 - 120	3	30
Bis(2-ethylhexyl) phthalate			3.33	2.99		mg/Kg		90	64 - 125	0	30
Butyl benzyl phthalate			3.33	3.28		mg/Kg		98	62 - 127	1	30
Caprolactam			1.33	1.22		mg/Kg		92	46 - 150	2	30
Carbazole			3.33	2.70		mg/Kg		81	64 - 120	3	30
Chrysene			3.33	2.81		mg/Kg		84	67 - 120	1	30
Dibenz(a,h)anthracene			3.33	2.91		mg/Kg		87	66 - 128	3	30
Dibenzofuran			3.33	2.64		mg/Kg		79	61 - 120	2	30
Diethyl phthalate			3.33	2.68		mg/Kg		80	63 - 120	2	30
Dimethyl phthalate			3.33	2.72		mg/Kg		82	65 - 120	1	30
Di-n-butyl phthalate			3.33	2.98		mg/Kg		89	61 - 120	1	30
Di-n-octyl phthalate			3.33	3.09		mg/Kg		93	61 - 123	1	30
Fluoranthene			3.33	2.68		mg/Kg		80	61 - 120	1	30
Fluorene			3.33	2.66		mg/Kg		80	64 - 120	1	30
Hexachlorobenzene			3.33	2.80		mg/Kg		84	66 - 120	0	30
Hexachlorobutadiene			3.33	2.76		mg/Kg		83	62 - 120	2	30
Hexachlorocyclopentadiene			3.33	3.07		mg/Kg		92	32 - 150	2	30
Hexachloroethane			3.33	2.90		mg/Kg		87	61 - 112	3	30
Indeno[1,2,3-cd]pyrene			3.33	2.94		mg/Kg		88	63 - 137	1	30
Isophorone			3.33	2.78		mg/Kg		83	61 - 120	0	30
Naphthalene			3.33	2.72		mg/Kg		82	63 - 113	0	30

Method: 8270E - Semivolatile Organic Compounds (GC/MS) (Continued)

Lab Sample ID: LCSD 460-1064230/3-A
Matrix: Solid
Analysis Batch: 1064281

Client Sample ID: Lab Control Sample Dup
Prep Type: Total/NA
Prep Batch: 1064230

Analyte			Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Nitrobenzene			3.33	2.99		mg/Kg		90	63 - 120	0	30
N-Nitrosodi-n-propylamine			3.33	2.76		mg/Kg		83	60 - 120	1	30
N-Nitrosodiphenylamine			3.33	2.81		mg/Kg		84	63 - 120	1	30
Pentachlorophenol			6.67	6.04		mg/Kg		91	61 - 126	1	30
Phenanthrene			3.33	2.72		mg/Kg		82	66 - 120	1	30
Phenol			3.33	2.82		mg/Kg		85	63 - 120	1	30
Pyrene			3.33	2.88		mg/Kg		86	61 - 121	0	30

Surrogate	*LCSD %Recovery*	*LCSD Qualifier*	*Limits*
2,4,6-Tribromophenol (Surr)	*72*		*18 - 137*
2-Fluorobiphenyl	*70*		*33 - 117*
2-Fluorophenol (Surr)	*78*		*24 - 120*
Nitrobenzene-d5 (Surr)	*75*		*27 - 120*
Phenol-d5 (Surr)	*77*		*28 - 118*
Terphenyl-d14 (Surr)	*72*		*33 - 124*

Lab Sample ID: 460-335806-1 MS
Matrix: Solid
Analysis Batch: 1064281

Client Sample ID: 58A_0-5
Prep Type: Total/NA
Prep Batch: 1064230

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec Limits
1,1'-Biphenyl	0.36	U	3.58	2.55		mg/Kg	☼	71	64 - 120
1,2,4,5-Tetrachlorobenzene	0.36	U	3.58	2.51		mg/Kg	☼	70	60 - 120
1,4-Dioxane	0.036	U	3.58	2.01		mg/Kg	☼	56	31 - 105
2,2'-oxybis[1-chloropropane]	0.36	U	3.58	2.41		mg/Kg	☼	67	50 - 126
2,3,4,6-Tetrachlorophenol	0.36	U	3.58	2.69		mg/Kg	☼	75	62 - 120
2,4,5-Trichlorophenol	0.36	U	3.58	2.67		mg/Kg	☼	75	64 - 120
2,4,6-Trichlorophenol	0.14	U	3.58	2.75		mg/Kg	☼	77	65 - 120
2,4-Dichlorophenol	0.14	U	3.58	2.92		mg/Kg	☼	82	66 - 120
2,4-Dimethylphenol	0.36	U	3.58	2.77		mg/Kg	☼	77	75 - 136
2,4-Dinitrophenol	0.29	U	7.15	6.26		mg/Kg	☼	88	41 - 120
2,4-Dinitrotoluene	0.072	U	3.58	3.06		mg/Kg	☼	86	65 - 124
2,6-Dinitrotoluene	0.072	U	3.58	3.01		mg/Kg	☼	84	67 - 121
2-Chloronaphthalene	0.36	U	3.58	2.53		mg/Kg	☼	71	64 - 120
2-Chlorophenol	0.36	U	3.58	2.71		mg/Kg	☼	76	63 - 120
2-Methylnaphthalene	0.36	U	3.58	2.74		mg/Kg	☼	77	56 - 102
2-Methylphenol	0.36	U	3.58	2.68		mg/Kg	☼	75	63 - 120
2-Nitroaniline	0.36	U	3.58	2.75		mg/Kg	☼	77	52 - 120
2-Nitrophenol	0.36	U	3.58	3.22		mg/Kg	☼	90	64 - 120
3 & 4 Methylphenol	0.36	U	3.58	2.80		mg/Kg	☼	78	61 - 120
3,3'-Dichlorobenzidine	0.14	U	3.58	1.42		mg/Kg	☼	40	10 - 106
3-Nitroaniline	0.36	U	3.58	2.20		mg/Kg	☼	62	18 - 105
4,6-Dinitro-2-methylphenol	0.29	U	7.15	6.24		mg/Kg	☼	87	61 - 127
4-Bromophenyl phenyl ether	0.36	U	3.58	2.72		mg/Kg	☼	76	64 - 120
4-Chloro-3-methylphenol	0.36	U	3.58	2.77		mg/Kg	☼	78	68 - 120
4-Chloroaniline	0.36	U	3.58	1.38		mg/Kg	☼	39	10 - 107
4-Chlorophenyl phenyl ether	0.36	U	3.58	2.57		mg/Kg	☼	72	62 - 120
4-Methylphenol	0.36	U	3.58	2.80		mg/Kg	☼	78	61 - 120

Method: 8270E - Semivolatile Organic Compounds (GC/MS) (Continued)

Lab Sample ID: 460-335806-1 MS
Matrix: Solid
Analysis Batch: 1064281

Client Sample ID: 58A_0-5
Prep Type: Total/NA
Prep Batch: 1064230

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec Limits
4-Nitroaniline	0.36	U	3.58	2.43		mg/Kg	☼	68	51 - 112
4-Nitrophenol	0.72	U	7.15	5.10		mg/Kg	☼	71	52 - 122
Acenaphthene	0.36	U	3.58	2.53		mg/Kg	☼	71	65 - 120
Acenaphthylene	0.36	U	3.58	2.62		mg/Kg	☼	73	68 - 120
Acetophenone	0.36	U	3.58	2.64		mg/Kg	☼	74	61 - 111
Anthracene	0.36	U	3.58	2.66		mg/Kg	☼	74	67 - 120
Atrazine	0.14	U	1.43	1.33		mg/Kg	☼	93	52 - 150
Benzaldehyde	0.36	U	1.43	1.24	E	mg/Kg	☼	87	45 - 150
Benzo[a]anthracene	0.036	U	3.58	2.63		mg/Kg	☼	73	66 - 120
Benzo[a]pyrene	0.036	U	3.58	2.64		mg/Kg	☼	74	69 - 123
Benzo[b]fluoranthene	0.036	U	3.58	2.66		mg/Kg	☼	74	66 - 125
Benzo[g,h,i]perylene	0.36	U	3.58	2.54		mg/Kg	☼	71	66 - 138
Benzo[k]fluoranthene	0.036	U	3.58	2.58		mg/Kg	☼	72	67 - 122
Bis(2-chloroethoxy)methane	0.36	U	3.58	2.61		mg/Kg	☼	73	62 - 120
Bis(2-chloroethyl)ether	0.036	U	3.58	2.49		mg/Kg	☼	70	60 - 120
Bis(2-ethylhexyl) phthalate	0.36	U	3.58	2.88		mg/Kg	☼	81	64 - 125
Butyl benzyl phthalate	0.36	U	3.58	3.23		mg/Kg	☼	90	62 - 127
Caprolactam	0.36	U	1.43	1.23		mg/Kg	☼	86	46 - 150
Carbazole	0.36	U	3.58	2.66		mg/Kg	☼	74	64 - 120
Chrysene	0.36	U	3.58	2.73		mg/Kg	☼	76	67 - 120
Dibenz(a,h)anthracene	0.036	U	3.58	2.75		mg/Kg	☼	77	66 - 128
Dibenzofuran	0.36	U	3.58	2.49		mg/Kg	☼	70	61 - 120
Diethyl phthalate	0.36	U	3.58	2.51		mg/Kg	☼	70	63 - 120
Dimethyl phthalate	0.36	U	3.58	2.62		mg/Kg	☼	73	65 - 120
Di-n-butyl phthalate	0.36	U	3.58	2.85		mg/Kg	☼	80	61 - 120
Di-n-octyl phthalate	0.36	U	3.58	3.09		mg/Kg	☼	86	61 - 123
Fluoranthene	0.36	U	3.58	2.59		mg/Kg	☼	72	61 - 120
Fluorene	0.36	U	3.58	2.54		mg/Kg	☼	71	64 - 120
Hexachlorobenzene	0.036	U	3.58	2.69		mg/Kg	☼	75	66 - 120
Hexachlorobutadiene	0.072	U	3.58	2.58		mg/Kg	☼	72	62 - 120
Hexachlorocyclopentadiene	0.36	U	3.58	2.87		mg/Kg	☼	80	32 - 150
Hexachloroethane	0.036	U	3.58	2.60		mg/Kg	☼	73	61 - 112
Indeno[1,2,3-cd]pyrene	0.036	U	3.58	2.75		mg/Kg	☼	77	63 - 137
Isophorone	0.14	U	3.58	2.57		mg/Kg	☼	72	61 - 120
Naphthalene	0.36	U	3.58	2.59		mg/Kg	☼	73	63 - 113
Nitrobenzene	0.036	U	3.58	2.72		mg/Kg	☼	76	63 - 120
N-Nitrosodi-n-propylamine	0.036	U	3.58	2.59		mg/Kg	☼	72	60 - 120
N-Nitrosodiphenylamine	0.36	U	3.58	2.76		mg/Kg	☼	77	63 - 120
Pentachlorophenol	0.29	U	7.15	5.87		mg/Kg	☼	82	61 - 126
Phenanthrene	0.36	U	3.58	2.67		mg/Kg	☼	75	66 - 120
Phenol	0.36	U	3.58	2.62		mg/Kg	☼	73	63 - 120
Pyrene	0.36	U	3.58	2.87		mg/Kg	☼	80	61 - 121

Surrogate	*MS %Recovery*	*MS Qualifier*	*Limits*
2,4,6-Tribromophenol (Surr)	*62*		*18 - 137*
2-Fluorobiphenyl	*62*		*33 - 117*
2-Fluorophenol (Surr)	*66*		*24 - 120*
Nitrobenzene-d5 (Surr)	*66*		*27 - 120*

Method: 8270E - Semivolatile Organic Compounds (GC/MS) (Continued)

Lab Sample ID: 460-335806-1 MS
Matrix: Solid
Analysis Batch: 1064281

Client Sample ID: 58A_0-5
Prep Type: Total/NA
Prep Batch: 1064230

Surrogate	MS %Recovery	MS Qualifier	Limits
Phenol-d5 (Surr)	65		28 - 118
Terphenyl-d14 (Surr)	66		33 - 124

Lab Sample ID: 460-335806-1 MSD
Matrix: Solid
Analysis Batch: 1064281

Client Sample ID: 58A_0-5
Prep Type: Total/NA
Prep Batch: 1064230

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
1,1'-Biphenyl	0.36	U	3.58	2.54		mg/Kg	☼	71	64 - 120	0	30
1,2,4,5-Tetrachlorobenzene	0.36	U	3.58	2.52		mg/Kg	☼	70	60 - 120	0	30
1,4-Dioxane	0.036	U	3.58	2.03		mg/Kg	☼	57	31 - 105	1	30
2,2'-oxybis[1-chloropropane]	0.36	U	3.58	2.52		mg/Kg	☼	70	50 - 126	4	30
2,3,4,6-Tetrachlorophenol	0.36	U	3.58	2.72		mg/Kg	☼	76	62 - 120	1	30
2,4,5-Trichlorophenol	0.36	U	3.58	2.69		mg/Kg	☼	75	64 - 120	1	30
2,4,6-Trichlorophenol	0.14	U	3.58	2.70		mg/Kg	☼	75	65 - 120	2	30
2,4-Dichlorophenol	0.14	U	3.58	2.90		mg/Kg	☼	81	66 - 120	0	30
2,4-Dimethylphenol	0.36	U	3.58	2.76		mg/Kg	☼	77	75 - 136	1	30
2,4-Dinitrophenol	0.29	U	7.15	6.61		mg/Kg	☼	92	41 - 120	5	30
2,4-Dinitrotoluene	0.072	U	3.58	3.09		mg/Kg	☼	86	65 - 124	1	30
2,6-Dinitrotoluene	0.072	U	3.58	3.07		mg/Kg	☼	86	67 - 121	2	30
2-Chloronaphthalene	0.36	U	3.58	2.46		mg/Kg	☼	69	64 - 120	3	30
2-Chlorophenol	0.36	U	3.58	2.75		mg/Kg	☼	77	63 - 120	2	30
2-Methylnaphthalene	0.36	U	3.58	2.77		mg/Kg	☼	77	56 - 102	1	30
2-Methylphenol	0.36	U	3.58	2.82		mg/Kg	☼	79	63 - 120	5	30
2-Nitroaniline	0.36	U	3.58	2.77		mg/Kg	☼	78	52 - 120	1	30
2-Nitrophenol	0.36	U	3.58	3.13		mg/Kg	☼	87	64 - 120	3	30
3 & 4 Methylphenol	0.36	U	3.58	2.92		mg/Kg	☼	82	61 - 120	4	30
3,3'-Dichlorobenzidine	0.14	U	3.58	1.64		mg/Kg	☼	46	10 - 106	15	30
3-Nitroaniline	0.36	U	3.58	2.26		mg/Kg	☼	63	18 - 105	3	30
4,6-Dinitro-2-methylphenol	0.29	U	7.15	6.54		mg/Kg	☼	91	61 - 127	5	30
4-Bromophenyl phenyl ether	0.36	U	3.58	2.79		mg/Kg	☼	78	64 - 120	3	30
4-Chloro-3-methylphenol	0.36	U	3.58	2.80		mg/Kg	☼	78	68 - 120	1	30
4-Chloroaniline	0.36	U	3.58	1.58		mg/Kg	☼	44	10 - 107	13	30
4-Chlorophenyl phenyl ether	0.36	U	3.58	2.65		mg/Kg	☼	74	62 - 120	3	30
4-Methylphenol	0.36	U	3.58	2.92		mg/Kg	☼	82	61 - 120	4	30
4-Nitroaniline	0.36	U	3.58	2.50		mg/Kg	☼	70	51 - 112	3	30
4-Nitrophenol	0.72	U	7.15	5.30		mg/Kg	☼	74	52 - 122	4	30
Acenaphthene	0.36	U	3.58	2.55		mg/Kg	☼	71	65 - 120	1	30
Acenaphthylene	0.36	U	3.58	2.63		mg/Kg	☼	73	68 - 120	0	30
Acetophenone	0.36	U	3.58	2.77		mg/Kg	☼	78	61 - 111	5	30
Anthracene	0.36	U	3.58	2.75		mg/Kg	☼	77	67 - 120	3	30
Atrazine	0.14	U	1.43	1.40		mg/Kg	☼	98	52 - 150	5	30
Benzaldehyde	0.36	U	1.43	1.34	E	mg/Kg	☼	93	45 - 150	8	30
Benzo[a]anthracene	0.036	U	3.58	2.66		mg/Kg	☼	74	66 - 120	1	30
Benzo[a]pyrene	0.036	U	3.58	2.77		mg/Kg	☼	78	69 - 123	5	30
Benzo[b]fluoranthene	0.036	U	3.58	2.84		mg/Kg	☼	79	66 - 125	6	30
Benzo[g,h,i]perylene	0.36	U	3.58	2.70		mg/Kg	☼	76	66 - 138	6	30
Benzo[k]fluoranthene	0.036	U	3.58	2.63		mg/Kg	☼	74	67 - 122	2	30

Method: 8270E - Semivolatile Organic Compounds (GC/MS) (Continued)

Lab Sample ID: 460-335806-1 MSD
Matrix: Solid
Analysis Batch: 1064281

Client Sample ID: 58A_0-5
Prep Type: Total/NA
Prep Batch: 1064230

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Bis(2-chloroethoxy)methane	0.36	U	3.58	2.59		mg/Kg	☼	72	62 - 120	1	30
Bis(2-chloroethyl)ether	0.036	U	3.58	2.54		mg/Kg	☼	71	60 - 120	2	30
Bis(2-ethylhexyl) phthalate	0.36	U	3.58	2.98		mg/Kg	☼	83	64 - 125	3	30
Butyl benzyl phthalate	0.36	U	3.58	3.19		mg/Kg	☼	89	62 - 127	1	30
Caprolactam	0.36	U	1.43	1.33		mg/Kg	☼	93	46 - 150	8	30
Carbazole	0.36	U	3.58	2.76		mg/Kg	☼	77	64 - 120	4	30
Chrysene	0.36	U	3.58	2.73		mg/Kg	☼	76	67 - 120	0	30
Dibenz(a,h)anthracene	0.036	U	3.58	2.90		mg/Kg	☼	81	66 - 128	5	30
Dibenzofuran	0.36	U	3.58	2.55		mg/Kg	☼	71	61 - 120	2	30
Diethyl phthalate	0.36	U	3.58	2.58		mg/Kg	☼	72	63 - 120	3	30
Dimethyl phthalate	0.36	U	3.58	2.61		mg/Kg	☼	73	65 - 120	0	30
Di-n-butyl phthalate	0.36	U	3.58	3.01		mg/Kg	☼	84	61 - 120	5	30
Di-n-octyl phthalate	0.36	U	3.58	3.21		mg/Kg	☼	90	61 - 123	4	30
Fluoranthene	0.36	U	3.58	2.70		mg/Kg	☼	75	61 - 120	4	30
Fluorene	0.36	U	3.58	2.65		mg/Kg	☼	74	64 - 120	4	30
Hexachlorobenzene	0.036	U	3.58	2.78		mg/Kg	☼	78	66 - 120	3	30
Hexachlorobutadiene	0.072	U	3.58	2.59		mg/Kg	☼	72	62 - 120	0	30
Hexachlorocyclopentadiene	0.36	U	3.58	2.69		mg/Kg	☼	75	32 - 150	7	30
Hexachloroethane	0.036	U	3.58	2.70		mg/Kg	☼	75	61 - 112	3	30
Indeno[1,2,3-cd]pyrene	0.036	U	3.58	2.88		mg/Kg	☼	81	63 - 137	5	30
Isophorone	0.14	U	3.58	2.58		mg/Kg	☼	72	61 - 120	1	30
Naphthalene	0.36	U	3.58	2.59		mg/Kg	☼	72	63 - 113	0	30
Nitrobenzene	0.036	U	3.58	2.87		mg/Kg	☼	80	63 - 120	5	30
N-Nitrosodi-n-propylamine	0.036	U	3.58	2.72		mg/Kg	☼	76	60 - 120	5	30
N-Nitrosodiphenylamine	0.36	U	3.58	2.83		mg/Kg	☼	79	63 - 120	2	30
Pentachlorophenol	0.29	U	7.15	6.07		mg/Kg	☼	85	61 - 126	3	30
Phenanthrene	0.36	U	3.58	2.73		mg/Kg	☼	76	66 - 120	2	30
Phenol	0.36	U	3.58	2.73		mg/Kg	☼	76	63 - 120	4	30
Pyrene	0.36	U	3.58	2.89		mg/Kg	☼	81	61 - 121	1	30

Surrogate	*MSD %Recovery*	*MSD Qualifier*	*Limits*
2,4,6-Tribromophenol (Surr)	*66*		*18 - 137*
2-Fluorobiphenyl	*63*		*33 - 117*
2-Fluorophenol (Surr)	*69*		*24 - 120*
Nitrobenzene-d5 (Surr)	*67*		*27 - 120*
Phenol-d5 (Surr)	*68*		*28 - 118*
Terphenyl-d14 (Surr)	*66*		*33 - 124*

Method: 8081B - Organochlorine Pesticides (GC)

Lab Sample ID: MB 460-1064250/1-A
Matrix: Solid
Analysis Batch: 1064305

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 1064250

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
4,4'-DDD	0.0067	U	0.0067	0.0011	mg/Kg		09/27/25 19:17	09/28/25 14:47	1
4,4'-DDD	0.0067	U	0.0067	0.0011	mg/Kg		09/27/25 19:17	09/28/25 14:47	1
4,4'-DDE	0.0067	U	0.0067	0.00079	mg/Kg		09/27/25 19:17	09/28/25 14:47	1
4,4'-DDE	0.0067	U	0.0067	0.00079	mg/Kg		09/27/25 19:17	09/28/25 14:47	1

Method: 8081B - Organochlorine Pesticides (GC) (Continued)

Lab Sample ID: MB 460-1064250/1-A
Matrix: Solid
Analysis Batch: 1064305

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 1064250

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
4,4'-DDT	0.0067	U	0.0067	0.0012	mg/Kg		09/27/25 19:17	09/28/25 14:47	1
4,4'-DDT	0.0067	U	0.0067	0.0012	mg/Kg		09/27/25 19:17	09/28/25 14:47	1
4,4'-DDT	0.0067	U	0.0067	0.0012	mg/Kg		09/27/25 19:17	09/28/25 14:47	1
Aldrin	0.0067	U	0.0067	0.0010	mg/Kg		09/27/25 19:17	09/28/25 14:47	1
Aldrin	0.0067	U	0.0067	0.0010	mg/Kg		09/27/25 19:17	09/28/25 14:47	1
alpha-BHC	0.0020	U	0.0020	0.00068	mg/Kg		09/27/25 19:17	09/28/25 14:47	1
alpha-BHC	0.0020	U	0.0020	0.00068	mg/Kg		09/27/25 19:17	09/28/25 14:47	1
beta-BHC	0.0020	U	0.0020	0.00075	mg/Kg		09/27/25 19:17	09/28/25 14:47	1
beta-BHC	0.0020	U	0.0020	0.00075	mg/Kg		09/27/25 19:17	09/28/25 14:47	1
Chlordane (technical)	0.067	U	0.067	0.016	mg/Kg		09/27/25 19:17	09/28/25 14:47	1
Chlordane (technical)	0.067	U	0.067	0.016	mg/Kg		09/27/25 19:17	09/28/25 14:47	1
cis-Chlordane	0.0067	U	0.0067	0.0011	mg/Kg		09/27/25 19:17	09/28/25 14:47	1
cis-Chlordane	0.0067	U	0.0067	0.0011	mg/Kg		09/27/25 19:17	09/28/25 14:47	1
delta-BHC	0.0020	U	0.0020	0.00041	mg/Kg		09/27/25 19:17	09/28/25 14:47	1
delta-BHC	0.0020	U	0.0020	0.00041	mg/Kg		09/27/25 19:17	09/28/25 14:47	1
Dieldrin	0.0020	U	0.0020	0.00087	mg/Kg		09/27/25 19:17	09/28/25 14:47	1
Dieldrin	0.0020	U	0.0020	0.00087	mg/Kg		09/27/25 19:17	09/28/25 14:47	1
Endosulfan I	0.0067	U	0.0067	0.0010	mg/Kg		09/27/25 19:17	09/28/25 14:47	1
Endosulfan I	0.0067	U	0.0067	0.0010	mg/Kg		09/27/25 19:17	09/28/25 14:47	1
Endosulfan II	0.0067	U	0.0067	0.0017	mg/Kg		09/27/25 19:17	09/28/25 14:47	1
Endosulfan II	0.0067	U	0.0067	0.0017	mg/Kg		09/27/25 19:17	09/28/25 14:47	1
Endosulfan sulfate	0.0067	U	0.0067	0.00084	mg/Kg		09/27/25 19:17	09/28/25 14:47	1
Endosulfan sulfate	0.0067	U	0.0067	0.00084	mg/Kg		09/27/25 19:17	09/28/25 14:47	1
Endrin	0.0067	U	0.0067	0.00096	mg/Kg		09/27/25 19:17	09/28/25 14:47	1
Endrin	0.0067	U	0.0067	0.00096	mg/Kg		09/27/25 19:17	09/28/25 14:47	1
Endrin aldehyde	0.0067	U	0.0067	0.0016	mg/Kg		09/27/25 19:17	09/28/25 14:47	1
Endrin aldehyde	0.0067	U	0.0067	0.0016	mg/Kg		09/27/25 19:17	09/28/25 14:47	1
Endrin ketone	0.0067	U	0.0067	0.0013	mg/Kg		09/27/25 19:17	09/28/25 14:47	1
Endrin ketone	0.0067	U	0.0067	0.0013	mg/Kg		09/27/25 19:17	09/28/25 14:47	1
gamma-BHC (Lindane)	0.0020	U	0.0020	0.00062	mg/Kg		09/27/25 19:17	09/28/25 14:47	1
gamma-BHC (Lindane)	0.0020	U	0.0020	0.00062	mg/Kg		09/27/25 19:17	09/28/25 14:47	1
Heptachlor	0.0067	U	0.0067	0.00079	mg/Kg		09/27/25 19:17	09/28/25 14:47	1
Heptachlor	0.0067	U	0.0067	0.00079	mg/Kg		09/27/25 19:17	09/28/25 14:47	1
Heptachlor epoxide	0.0067	U	0.0067	0.0010	mg/Kg		09/27/25 19:17	09/28/25 14:47	1
Heptachlor epoxide	0.0067	U	0.0067	0.0010	mg/Kg		09/27/25 19:17	09/28/25 14:47	1
Methoxychlor	0.0067	U	0.0067	0.0015	mg/Kg		09/27/25 19:17	09/28/25 14:47	1
Methoxychlor	0.0067	U	0.0067	0.0015	mg/Kg		09/27/25 19:17	09/28/25 14:47	1
Toxaphene	0.067	U	0.067	0.024	mg/Kg		09/27/25 19:17	09/28/25 14:47	1
Toxaphene	0.067	U	0.067	0.024	mg/Kg		09/27/25 19:17	09/28/25 14:47	1

Surrogate	*MB %Recovery*	*MB Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
DCB Decachlorobiphenyl	*67*		*10 - 150*	*09/27/25 19:17*	*09/28/25 14:47*	*1*
DCB Decachlorobiphenyl	*70*		*10 - 150*	*09/27/25 19:17*	*09/28/25 14:47*	*1*
Tetrachloro-m-xylene	*87*		*14 - 150*	*09/27/25 19:17*	*09/28/25 14:47*	*1*
Tetrachloro-m-xylene	*68*		*14 - 150*	*09/27/25 19:17*	*09/28/25 14:47*	*1*

Method: 8081B - Organochlorine Pesticides (GC) (Continued)

Lab Sample ID: LCS 460-1064250/2-A
Matrix: Solid
Analysis Batch: 1064305

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 1064250

Analyte			Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits		
4,4'-DDD			0.133	0.158		mg/Kg		118	71 - 134		
4,4'-DDD			0.133	0.153		mg/Kg		115	71 - 134		
4,4'-DDE			0.133	0.159		mg/Kg		119	71 - 137		
4,4'-DDE			0.133	0.143		mg/Kg		108	71 - 137		
4,4'-DDT			0.133	0.154		mg/Kg		115	69 - 140		
4,4'-DDT			0.133	0.149		mg/Kg		111	69 - 140		
Aldrin			0.133	0.151		mg/Kg		113	68 - 136		
Aldrin			0.133	0.134		mg/Kg		101	68 - 136		
alpha-BHC			0.133	0.156		mg/Kg		117	71 - 136		
alpha-BHC			0.133	0.157		mg/Kg		118	71 - 136		
beta-BHC			0.133	0.158		mg/Kg		118	67 - 133		
beta-BHC			0.133	0.140		mg/Kg		105	67 - 133		
cis-Chlordane			0.133	0.159		mg/Kg		120	70 - 140		
cis-Chlordane			0.133	0.141		mg/Kg		106	70 - 140		
delta-BHC			0.133	0.162		mg/Kg		121	70 - 135		
delta-BHC			0.133	0.162		mg/Kg		121	70 - 135		
Dieldrin			0.133	0.152		mg/Kg		114	71 - 135		
Dieldrin			0.133	0.142		mg/Kg		107	71 - 135		
Endosulfan I			0.133	0.160		mg/Kg		120	70 - 141		
Endosulfan I			0.133	0.140		mg/Kg		105	70 - 141		
Endosulfan II			0.133	0.153		mg/Kg		115	75 - 141		
Endosulfan II			0.133	0.144		mg/Kg		108	75 - 141		
Endosulfan sulfate			0.133	0.150		mg/Kg		113	67 - 130		
Endosulfan sulfate			0.133	0.127		mg/Kg		95	67 - 130		
Endrin			0.133	0.154		mg/Kg		116	66 - 143		
Endrin			0.133	0.143		mg/Kg		107	66 - 143		
Endrin aldehyde			0.133	0.155		mg/Kg		116	70 - 132		
Endrin aldehyde			0.133	0.131		mg/Kg		98	70 - 132		
Endrin ketone			0.133	0.163		mg/Kg		123	66 - 137		
Endrin ketone			0.133	0.131		mg/Kg		98	66 - 137		
gamma-BHC (Lindane)			0.133	0.162		mg/Kg		121	71 - 137		
gamma-BHC (Lindane)			0.133	0.153		mg/Kg		115	71 - 137		
Heptachlor			0.133	0.161		mg/Kg		121	70 - 140		
Heptachlor			0.133	0.152		mg/Kg		114	70 - 140		
Heptachlor epoxide			0.133	0.160		mg/Kg		120	70 - 135		
Heptachlor epoxide			0.133	0.149		mg/Kg		111	70 - 135		
Methoxychlor			0.133	0.154		mg/Kg		115	63 - 138		
Methoxychlor			0.133	0.153		mg/Kg		115	63 - 138		

Surrogate	*LCS %Recovery*	*LCS Qualifier*	*Limits*
DCB Decachlorobiphenyl	*47*		*10 - 150*
DCB Decachlorobiphenyl	*54*		*10 - 150*
Tetrachloro-m-xylene	*64*		*14 - 150*
Tetrachloro-m-xylene	*62*		*14 - 150*

Method: 8081B - Organochlorine Pesticides (GC) (Continued)

Lab Sample ID: LCSD 460-1064250/3-A
Matrix: Solid
Analysis Batch: 1064305

Client Sample ID: Lab Control Sample Dup
Prep Type: Total/NA
Prep Batch: 1064250

Analyte			Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
4,4'-DDD			0.133	0.163		mg/Kg		123	71 - 134	3	30
4,4'-DDD			0.133	0.156		mg/Kg		117	71 - 134	2	30
4,4'-DDE			0.133	0.162		mg/Kg		122	71 - 137	2	30
4,4'-DDE			0.133	0.145		mg/Kg		108	71 - 137	1	30
4,4'-DDT			0.133	0.155		mg/Kg		116	69 - 140	1	30
4,4'-DDT			0.133	0.148		mg/Kg		111	69 - 140	1	30
Aldrin			0.133	0.153		mg/Kg		115	68 - 136	1	30
Aldrin			0.133	0.135		mg/Kg		101	68 - 136	1	30
alpha-BHC			0.133	0.159		mg/Kg		119	71 - 136	2	30
alpha-BHC			0.133	0.158		mg/Kg		119	71 - 136	1	30
beta-BHC			0.133	0.161		mg/Kg		120	67 - 133	2	30
beta-BHC			0.133	0.140		mg/Kg		105	67 - 133	1	30
cis-Chlordane			0.133	0.163		mg/Kg		122	70 - 140	2	30
cis-Chlordane			0.133	0.144		mg/Kg		108	70 - 140	2	30
delta-BHC			0.133	0.165		mg/Kg		123	70 - 135	2	30
delta-BHC			0.133	0.163		mg/Kg		122	70 - 135	1	30
Dieldrin			0.133	0.156		mg/Kg		117	71 - 135	2	30
Dieldrin			0.133	0.144		mg/Kg		108	71 - 135	2	30
Endosulfan I			0.133	0.163		mg/Kg		123	70 - 141	2	30
Endosulfan I			0.133	0.143		mg/Kg		107	70 - 141	2	30
Endosulfan II			0.133	0.158		mg/Kg		119	75 - 141	3	30
Endosulfan II			0.133	0.146		mg/Kg		109	75 - 141	1	30
Endosulfan sulfate			0.133	0.155		mg/Kg		116	67 - 130	3	30
Endosulfan sulfate			0.133	0.129		mg/Kg		97	67 - 130	2	30
Endrin			0.133	0.158		mg/Kg		119	66 - 143	3	30
Endrin			0.133	0.143		mg/Kg		107	66 - 143	0	30
Endrin aldehyde			0.133	0.160		mg/Kg		120	70 - 132	3	30
Endrin aldehyde			0.133	0.133		mg/Kg		100	70 - 132	1	30
Endrin ketone			0.133	0.169		mg/Kg		127	66 - 137	3	30
Endrin ketone			0.133	0.134		mg/Kg		100	66 - 137	2	30
gamma-BHC (Lindane)			0.133	0.165		mg/Kg		124	71 - 137	2	30
gamma-BHC (Lindane)			0.133	0.155		mg/Kg		116	71 - 137	1	30
Heptachlor			0.133	0.163		mg/Kg		123	70 - 140	1	30
Heptachlor			0.133	0.153		mg/Kg		115	70 - 140	1	30
Heptachlor epoxide			0.133	0.163		mg/Kg		122	70 - 135	2	30
Heptachlor epoxide			0.133	0.150		mg/Kg		112	70 - 135	1	30
Methoxychlor			0.133	0.156		mg/Kg		117	63 - 138	1	30
Methoxychlor			0.133	0.152		mg/Kg		114	63 - 138	1	30

Surrogate	*LCSD %Recovery*	*LCSD Qualifier*	*Limits*
DCB Decachlorobiphenyl	*49*		*10 - 150*
DCB Decachlorobiphenyl	*57*		*10 - 150*
Tetrachloro-m-xylene	*59*		*14 - 150*
Tetrachloro-m-xylene	*63*		*14 - 150*

Method: 8081B - Organochlorine Pesticides (GC) (Continued)

Lab Sample ID: 460-335806-1 MS
Matrix: Solid
Analysis Batch: 1064305

Client Sample ID: 58A_0-5
Prep Type: Total/NA
Prep Batch: 1064250

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec Limits
4,4'-DDD	0.0072	U	0.144	0.213	*	mg/Kg	☼	148	71 - 134
4,4'-DDD	0.0072	U	0.144	0.210	*	mg/Kg	☼	145	71 - 134
4,4'-DDE	0.0072	U	0.144	0.215	*	mg/Kg	☼	149	71 - 137
4,4'-DDE	0.0072	U	0.144	0.195		mg/Kg	☼	135	71 - 137
4,4'-DDT	0.0072	U	0.144	0.212	*	mg/Kg	☼	147	69 - 140
4,4'-DDT	0.0072	U	0.144	0.205	*	mg/Kg	☼	142	69 - 140
Aldrin	0.0072	U	0.144	0.202	*	mg/Kg	☼	140	68 - 136
Aldrin	0.0072	U	0.144	0.179		mg/Kg	☼	124	68 - 136
alpha-BHC	0.0022	U	0.144	0.203	*	mg/Kg	☼	141	71 - 136
alpha-BHC	0.0022	U	0.144	0.203	*	mg/Kg	☼	141	71 - 136
beta-BHC	0.0022	U	0.144	0.202	*	mg/Kg	☼	140	67 - 133
beta-BHC	0.0022	U	0.144	0.183		mg/Kg	☼	127	67 - 133
cis-Chlordane	0.0072	U	0.144	0.210	*	mg/Kg	☼	146	70 - 140
cis-Chlordane	0.0072	U	0.144	0.189		mg/Kg	☼	131	70 - 140
delta-BHC	0.0022	U	0.144	0.219	*	mg/Kg	☼	152	70 - 135
delta-BHC	0.0022	U	0.144	0.216	*	mg/Kg	☼	150	70 - 135
Dieldrin	0.0022	U	0.144	0.206	*	mg/Kg	☼	143	71 - 135
Dieldrin	0.0022	U	0.144	0.193		mg/Kg	☼	134	71 - 135
Endosulfan I	0.0072	U	0.144	0.210	*	mg/Kg	☼	146	70 - 141
Endosulfan I	0.0072	U	0.144	0.188		mg/Kg	☼	131	70 - 141
Endosulfan II	0.0072	U	0.144	0.207	*	mg/Kg	☼	143	75 - 141
Endosulfan II	0.0072	U	0.144	0.196		mg/Kg	☼	136	75 - 141
Endosulfan sulfate	0.0072	U	0.144	0.202	*	mg/Kg	☼	140	67 - 130
Endosulfan sulfate	0.0072	U	0.144	0.174		mg/Kg	☼	121	67 - 130
Endrin	0.0072	U	0.144	0.207	*	mg/Kg	☼	144	66 - 143
Endrin	0.0072	U	0.144	0.193		mg/Kg	☼	134	66 - 143
Endrin aldehyde	0.0072	U	0.144	0.193	*	mg/Kg	☼	134	70 - 132
Endrin aldehyde	0.0072	U	0.144	0.168		mg/Kg	☼	117	70 - 132
Endrin ketone	0.0072	U	0.144	0.222	*	mg/Kg	☼	154	66 - 137
Endrin ketone	0.0072	U	0.144	0.182		mg/Kg	☼	126	66 - 137
gamma-BHC (Lindane)	0.0022	U	0.144	0.212	*	mg/Kg	☼	147	71 - 137
gamma-BHC (Lindane)	0.0022	U	0.144	0.201	*	mg/Kg	☼	139	71 - 137
Heptachlor	0.0072	U	0.144	0.211	*	mg/Kg	☼	146	70 - 140
Heptachlor	0.0072	U	0.144	0.201		mg/Kg	☼	139	70 - 140
Heptachlor epoxide	0.0072	U	0.144	0.211	*	mg/Kg	☼	146	70 - 135
Heptachlor epoxide	0.0072	U	0.144	0.197	*	mg/Kg	☼	137	70 - 135
Methoxychlor	0.0072	U	0.144	0.206	*	mg/Kg	☼	143	63 - 138
Methoxychlor	0.0072	U	0.144	0.210	*	mg/Kg	☼	145	63 - 138

Surrogate	*MS %Recovery*	*MS Qualifier*	*Limits*
DCB Decachlorobiphenyl	*69*		*10 - 150*
DCB Decachlorobiphenyl	*74*		*10 - 150*
Tetrachloro-m-xylene	*65*		*14 - 150*
Tetrachloro-m-xylene	*60*		*14 - 150*

Method: 8081B - Organochlorine Pesticides (GC) (Continued)

Lab Sample ID: 460-335806-1 MSD
Matrix: Solid
Analysis Batch: 1064305

Client Sample ID: 58A_0-5
Prep Type: Total/NA
Prep Batch: 1064250

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
4,4'-DDD	0.0072	U	0.144	0.263	*	mg/Kg	☼	182	71 - 134	21	30
4,4'-DDD	0.0072	U	0.144	0.255	*	mg/Kg	☼	177	71 - 134	20	30
4,4'-DDE	0.0072	U	0.144	0.264	*	mg/Kg	☼	183	71 - 137	20	30
4,4'-DDE	0.0072	U	0.144	0.237	*	mg/Kg	☼	164	71 - 137	19	30
4,4'-DDT	0.0072	U	0.144	0.260	*	mg/Kg	☼	180	69 - 140	21	30
4,4'-DDT	0.0072	U	0.144	0.252	*	mg/Kg	☼	175	69 - 140	20	30
Aldrin	0.0072	U	0.144	0.245	*	mg/Kg	☼	170	68 - 136	19	30
Aldrin	0.0072	U	0.144	0.216	*	mg/Kg	☼	150	68 - 136	19	30
alpha-BHC	0.0022	U	0.144	0.244	*	mg/Kg	☼	169	71 - 136	18	30
alpha-BHC	0.0022	U	0.144	0.242	*	mg/Kg	☼	168	71 - 136	18	30
beta-BHC	0.0022	U	0.144	0.244	*	mg/Kg	☼	169	67 - 133	19	30
beta-BHC	0.0022	U	0.144	0.220	*	mg/Kg	☼	153	67 - 133	19	30
cis-Chlordane	0.0072	U	0.144	0.258	*	mg/Kg	☼	179	70 - 140	20	30
cis-Chlordane	0.0072	U	0.144	0.230	*	mg/Kg	☼	160	70 - 140	19	30
delta-BHC	0.0022	U	0.144	0.267	*	mg/Kg	☼	185	70 - 135	20	30
delta-BHC	0.0022	U	0.144	0.257	*	mg/Kg	☼	178	70 - 135	17	30
Dieldrin	0.0022	U	0.144	0.253	*	mg/Kg	☼	175	71 - 135	21	30
Dieldrin	0.0022	U	0.144	0.235	*	mg/Kg	☼	163	71 - 135	19	30
Endosulfan I	0.0072	U	0.144	0.257	*	mg/Kg	☼	178	70 - 141	20	30
Endosulfan I	0.0072	U	0.144	0.229	*	mg/Kg	☼	159	70 - 141	19	30
Endosulfan II	0.0072	U	0.144	0.254	*	mg/Kg	☼	176	75 - 141	20	30
Endosulfan II	0.0072	U	0.144	0.239	*	mg/Kg	☼	166	75 - 141	20	30
Endosulfan sulfate	0.0072	U	0.144	0.248	*	mg/Kg	☼	172	67 - 130	20	30
Endosulfan sulfate	0.0072	U	0.144	0.213	*	mg/Kg	☼	148	67 - 130	20	30
Endrin	0.0072	U	0.144	0.255	*	mg/Kg	☼	177	66 - 143	21	30
Endrin	0.0072	U	0.144	0.235	*	mg/Kg	☼	163	66 - 143	19	30
Endrin aldehyde	0.0072	U	0.144	0.236	*	mg/Kg	☼	164	70 - 132	20	30
Endrin aldehyde	0.0072	U	0.144	0.205	*	mg/Kg	☼	142	70 - 132	20	30
Endrin ketone	0.0072	U	0.144	0.273	*	mg/Kg	☼	189	66 - 137	20	30
Endrin ketone	0.0072	U	0.144	0.223	*	mg/Kg	☼	155	66 - 137	20	30
gamma-BHC (Lindane)	0.0022	U	0.144	0.256	*	mg/Kg	☼	178	71 - 137	19	30
gamma-BHC (Lindane)	0.0022	U	0.144	0.242	*	mg/Kg	☼	167	71 - 137	18	30
Heptachlor	0.0072	U	0.144	0.256	*	mg/Kg	☼	177	70 - 140	19	30
Heptachlor	0.0072	U	0.144	0.242	*	mg/Kg	☼	168	70 - 140	18	30
Heptachlor epoxide	0.0072	U	0.144	0.256	*	mg/Kg	☼	178	70 - 135	19	30
Heptachlor epoxide	0.0072	U	0.144	0.238	*	mg/Kg	☼	165	70 - 135	19	30
Methoxychlor	0.0072	U	0.144	0.253	*	mg/Kg	☼	176	63 - 138	20	30
Methoxychlor	0.0072	U	0.144	0.257	*	mg/Kg	☼	178	63 - 138	20	30

Surrogate	*MSD %Recovery*	*MSD Qualifier*	*Limits*
DCB Decachlorobiphenyl	*87*		*10 - 150*
DCB Decachlorobiphenyl	*91*		*10 - 150*
Tetrachloro-m-xylene	*65*		*14 - 150*
Tetrachloro-m-xylene	*71*		*14 - 150*

Method: 8082A - Polychlorinated Biphenyls (PCBs) by Gas Chromatography

Lab Sample ID: MB 460-1064249/1-A
Matrix: Solid
Analysis Batch: 1064298

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 1064249

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Aroclor 1016	0.067	U	0.067	0.018	mg/Kg		09/27/25 19:15	09/28/25 08:54	1
Aroclor 1016	0.067	U	0.067	0.018	mg/Kg		09/27/25 19:15	09/28/25 08:54	1
Aroclor 1221	0.067	U	0.067	0.018	mg/Kg		09/27/25 19:15	09/28/25 08:54	1
Aroclor 1221	0.067	U	0.067	0.018	mg/Kg		09/27/25 19:15	09/28/25 08:54	1
Aroclor 1232	0.067	U	0.067	0.018	mg/Kg		09/27/25 19:15	09/28/25 08:54	1
Aroclor 1232	0.067	U	0.067	0.018	mg/Kg		09/27/25 19:15	09/28/25 08:54	1
Aroclor 1242	0.067	U	0.067	0.018	mg/Kg		09/27/25 19:15	09/28/25 08:54	1
Aroclor 1242	0.067	U	0.067	0.018	mg/Kg		09/27/25 19:15	09/28/25 08:54	1
Aroclor 1248	0.067	U	0.067	0.018	mg/Kg		09/27/25 19:15	09/28/25 08:54	1
Aroclor 1248	0.067	U	0.067	0.018	mg/Kg		09/27/25 19:15	09/28/25 08:54	1
Aroclor 1254	0.067	U	0.067	0.018	mg/Kg		09/27/25 19:15	09/28/25 08:54	1
Aroclor 1254	0.067	U	0.067	0.018	mg/Kg		09/27/25 19:15	09/28/25 08:54	1
Aroclor 1260	0.067	U	0.067	0.018	mg/Kg		09/27/25 19:15	09/28/25 08:54	1
Aroclor 1260	0.067	U	0.067	0.018	mg/Kg		09/27/25 19:15	09/28/25 08:54	1
Aroclor-1262	0.067	U	0.067	0.018	mg/Kg		09/27/25 19:15	09/28/25 08:54	1
Aroclor-1262	0.067	U	0.067	0.018	mg/Kg		09/27/25 19:15	09/28/25 08:54	1
Aroclor 1268	0.067	U	0.067	0.018	mg/Kg		09/27/25 19:15	09/28/25 08:54	1
Aroclor 1268	0.067	U	0.067	0.018	mg/Kg		09/27/25 19:15	09/28/25 08:54	1
Polychlorinated biphenyls, Total	0.067	U	0.067	0.018	mg/Kg		09/27/25 19:15	09/28/25 08:54	1
Polychlorinated biphenyls, Total	0.067	U	0.067	0.018	mg/Kg		09/27/25 19:15	09/28/25 08:54	1

Surrogate	*MB %Recovery*	*MB Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
DCB Decachlorobiphenyl	*90*		*10 - 150*	*09/27/25 19:15*	*09/28/25 08:54*	*1*
DCB Decachlorobiphenyl	*102*		*10 - 150*	*09/27/25 19:15*	*09/28/25 08:54*	*1*
Tetrachloro-m-xylene	*83*		*10 - 150*	*09/27/25 19:15*	*09/28/25 08:54*	*1*
Tetrachloro-m-xylene	*82*		*10 - 150*	*09/27/25 19:15*	*09/28/25 08:54*	*1*

Lab Sample ID: LCS 460-1064249/2-A
Matrix: Solid
Analysis Batch: 1064298

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 1064249

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
Aroclor 1016	0.333	0.336		mg/Kg		101	59 - 149
Aroclor 1016	0.333	0.347		mg/Kg		104	59 - 149
Aroclor 1260	0.333	0.349		mg/Kg		105	62 - 145
Aroclor 1260	0.333	0.356		mg/Kg		107	62 - 145

Surrogate	*LCS %Recovery*	*LCS Qualifier*	*Limits*
DCB Decachlorobiphenyl	*85*		*10 - 150*
DCB Decachlorobiphenyl	*96*		*10 - 150*
Tetrachloro-m-xylene	*87*		*10 - 150*
Tetrachloro-m-xylene	*89*		*10 - 150*

Method: 8082A - Polychlorinated Biphenyls (PCBs) by Gas Chromatography (Continued)

Lab Sample ID: LCSD 460-1064249/3-A
Matrix: Solid
Analysis Batch: 1064298

Client Sample ID: Lab Control Sample Dup
Prep Type: Total/NA
Prep Batch: 1064249

Analyte			Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Aroclor 1016			0.333	0.332		mg/Kg		100	59 - 149	1	30
Aroclor 1016			0.333	0.343		mg/Kg		103	59 - 149	1	30
Aroclor 1260			0.333	0.346		mg/Kg		104	62 - 145	1	30
Aroclor 1260			0.333	0.351		mg/Kg		105	62 - 145	2	30

Surrogate	*LCSD %Recovery*	*LCSD Qualifier*	*Limits*
DCB Decachlorobiphenyl	*84*		*10 - 150*
DCB Decachlorobiphenyl	*96*		*10 - 150*
Tetrachloro-m-xylene	*85*		*10 - 150*
Tetrachloro-m-xylene	*88*		*10 - 150*

Lab Sample ID: 460-335806-1 MS
Matrix: Solid
Analysis Batch: 1064298

Client Sample ID: 58A_0-5
Prep Type: Total/NA
Prep Batch: 1064249

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec Limits
Aroclor 1016	0.072	U	0.361	0.411		mg/Kg	☼	114	59 - 149
Aroclor 1016	0.072	U	0.361	0.420		mg/Kg	☼	116	59 - 149
Aroclor 1260	0.072	U	0.361	0.470		mg/Kg	☼	130	62 - 145
Aroclor 1260	0.072	U	0.361	0.461		mg/Kg	☼	128	62 - 145

Surrogate	*MS %Recovery*	*MS Qualifier*	*Limits*
DCB Decachlorobiphenyl	*111*		*10 - 150*
DCB Decachlorobiphenyl	*119*		*10 - 150*
Tetrachloro-m-xylene	*93*		*10 - 150*
Tetrachloro-m-xylene	*94*		*10 - 150*

Lab Sample ID: 460-335806-1 MSD
Matrix: Solid
Analysis Batch: 1064298

Client Sample ID: 58A_0-5
Prep Type: Total/NA
Prep Batch: 1064249

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Aroclor 1016	0.072	U	0.361	0.412		mg/Kg	☼	114	59 - 149	0	30
Aroclor 1016	0.072	U	0.361	0.424		mg/Kg	☼	118	59 - 149	1	30
Aroclor 1260	0.072	U	0.361	0.456		mg/Kg	☼	126	62 - 145	3	30
Aroclor 1260	0.072	U	0.361	0.465		mg/Kg	☼	129	62 - 145	1	30

Surrogate	*MSD %Recovery*	*MSD Qualifier*	*Limits*
DCB Decachlorobiphenyl	*112*		*10 - 150*
DCB Decachlorobiphenyl	*134*		*10 - 150*
Tetrachloro-m-xylene	*93*		*10 - 150*
Tetrachloro-m-xylene	*95*		*10 - 150*

Method: 1633A - Per- and Polyfluoroalkyl Substances by LC/MS/MS, 1633A

Lab Sample ID: MB 410-709163/1-A
Matrix: Solid
Analysis Batch: 709339

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 709163

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Perfluorobutanoic acid (PFBA)	0.40	U	0.40	0.10	ug/Kg		10/04/25 05:49	10/05/25 21:51	1
Perfluoropentanoic acid (PFPeA)	0.20	U	0.20	0.10	ug/Kg		10/04/25 05:49	10/05/25 21:51	1
Perfluorohexanoic acid (PFHxA)	0.20	U	0.20	0.10	ug/Kg		10/04/25 05:49	10/05/25 21:51	1
Perfluoroheptanoic acid (PFHpA)	0.20	U	0.20	0.10	ug/Kg		10/04/25 05:49	10/05/25 21:51	1
Perfluorooctanoic acid (PFOA)	0.20	U	0.20	0.060	ug/Kg		10/04/25 05:49	10/05/25 21:51	1
Perfluorononanoic acid (PFNA)	0.20	U	0.20	0.10	ug/Kg		10/04/25 05:49	10/05/25 21:51	1
Perfluorodecanoic acid (PFDA)	0.20	U	0.20	0.060	ug/Kg		10/04/25 05:49	10/05/25 21:51	1
Perfluoroundecanoic acid (PFUnA)	0.20	U	0.20	0.10	ug/Kg		10/04/25 05:49	10/05/25 21:51	1
Perfluorododecanoic acid (PFDoA)	0.20	U	0.20	0.10	ug/Kg		10/04/25 05:49	10/05/25 21:51	1
Perfluorotridecanoic acid (PFTrDA)	0.20	U	0.20	0.10	ug/Kg		10/04/25 05:49	10/05/25 21:51	1
Perfluorotetradecanoic acid (PFTeDA)	0.20	U	0.20	0.10	ug/Kg		10/04/25 05:49	10/05/25 21:51	1
Perfluorobutanesulfonic acid (PFBS)	0.20	U	0.20	0.10	ug/Kg		10/04/25 05:49	10/05/25 21:51	1
Perfluoropentanesulfonic acid (PFPeS)	0.20	U	0.20	0.10	ug/Kg		10/04/25 05:49	10/05/25 21:51	1
Perfluorohexanesulfonic acid (PFHxS)	0.20	U	0.20	0.10	ug/Kg		10/04/25 05:49	10/05/25 21:51	1
Perfluoroheptanesulfonic acid (PFHpS)	0.20	U	0.20	0.10	ug/Kg		10/04/25 05:49	10/05/25 21:51	1
Perfluorooctanesulfonic acid (PFOS)	0.20	U	0.20	0.10	ug/Kg		10/04/25 05:49	10/05/25 21:51	1
Perfluorononanesulfonic acid (PFNS)	0.20	U	0.20	0.10	ug/Kg		10/04/25 05:49	10/05/25 21:51	1
Perfluorodecanesulfonic acid (PFDS)	0.20	U	0.20	0.10	ug/Kg		10/04/25 05:49	10/05/25 21:51	1
Perfluorododecanesulfonic acid (PFDoS)	0.20	U	0.20	0.10	ug/Kg		10/04/25 05:49	10/05/25 21:51	1
1H,1H,2H,2H-Perfluorohexane sulfonic acid (4:2 FTS)	0.40	U	0.40	0.20	ug/Kg		10/04/25 05:49	10/05/25 21:51	1
1H,1H,2H,2H-Perfluorooctane sulfonic acid (6:2 FTS)	0.40	U	0.40	0.20	ug/Kg		10/04/25 05:49	10/05/25 21:51	1
1H,1H,2H,2H-Perfluorodecane sulfonic acid (8:2 FTS)	0.40	U	0.40	0.20	ug/Kg		10/04/25 05:49	10/05/25 21:51	1
Perfluorooctanesulfonamide (PFOSA)	0.20	U	0.20	0.10	ug/Kg		10/04/25 05:49	10/05/25 21:51	1
N-methylperfluorooctane sulfonamide (NMeFOSA)	0.20	U	0.20	0.10	ug/Kg		10/04/25 05:49	10/05/25 21:51	1
N-ethylperfluorooctane sulfonamide (NEtFOSA)	0.20	U	0.20	0.10	ug/Kg		10/04/25 05:49	10/05/25 21:51	1
N-methylperfluorooctanesulfonamidoacetic acid (NMeFOSAA)	0.20	U	0.20	0.10	ug/Kg		10/04/25 05:49	10/05/25 21:51	1
N-ethylperfluorooctanesulfonamidoacetic acid (NEtFOSAA)	0.20	U	0.20	0.10	ug/Kg		10/04/25 05:49	10/05/25 21:51	1
N-methylperfluorooctane sulfonamidoethanol (NMeFOSE)	1.00	U	1.00	0.50	ug/Kg		10/04/25 05:49	10/05/25 21:51	1
N-ethylperfluorooctane sulfonamidoethanol (NEtFOSE)	1.00	U	1.00	0.50	ug/Kg		10/04/25 05:49	10/05/25 21:51	1
Hexafluoropropylene Oxide Dimer Acid (HFPO-DA)	0.20	U	0.20	0.10	ug/Kg		10/04/25 05:49	10/05/25 21:51	1
4,8-Dioxa-3H-perfluorononanoic acid (ADONA)	0.20	U	0.20	0.10	ug/Kg		10/04/25 05:49	10/05/25 21:51	1
Perfluoro-3-methoxypropanoic acid (PFMPA)	0.20	U	0.20	0.10	ug/Kg		10/04/25 05:49	10/05/25 21:51	1
Perfluoro-4-methoxybutanoic acid (PFMBA)	0.20	U	0.20	0.10	ug/Kg		10/04/25 05:49	10/05/25 21:51	1
Nonafluoro-3,6-dioxaheptanoic acid (NFDHA)	0.20	U	0.20	0.10	ug/Kg		10/04/25 05:49	10/05/25 21:51	1
9-Chlorohexadecafluoro-3-oxanonane-1-sulfonic acid (9Cl-PF3ONS)	0.20	U	0.20	0.10	ug/Kg		10/04/25 05:49	10/05/25 21:51	1

Method: 1633A - Per- and Polyfluoroalkyl Substances by LC/MS/MS, 1633A (Continued)

Lab Sample ID: MB 410-709163/1-A
Matrix: Solid
Analysis Batch: 709339

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 709163

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
11-Chloroeicosafluoro-3-oxaundecane-1-sulfonic acid (11Cl-PF3OUdS)	0.20	U	0.20	0.10	ug/Kg		10/04/25 05:49	10/05/25 21:51	1
11-Chloroeicosafluoro-3-oxaundecane-1-sulfonic acid (11Cl-PF3OUdS)	0.20	U	0.20	0.10	ug/Kg		10/04/25 05:49	10/05/25 21:51	1
Perfluoro (2-ethoxyethane) sulfonic acid (PFEESA)	0.20	U	0.20	0.10	ug/Kg		10/04/25 05:49	10/05/25 21:51	1
3-Perfluoropropylpropanoic acid (3:3 FTCA)	0.40	U	0.40	0.20	ug/Kg		10/04/25 05:49	10/05/25 21:51	1
3-Perfluoropentylpropanoic acid (5:3 FTCA)	1.00	U	1.00	0.50	ug/Kg		10/04/25 05:49	10/05/25 21:51	1
3-Perfluoroheptylpropanoic acid (7:3 FTCA)	1.00	U	1.00	0.50	ug/Kg		10/04/25 05:49	10/05/25 21:51	1

Isotope Dilution	*MB %Recovery*	*MB Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
13C4 PFBA	*86.6*		*8 - 130*	*10/04/25 05:49*	*10/05/25 21:51*	*1*
13C5 PFPeA	*82.6*		*35 - 130*	*10/04/25 05:49*	*10/05/25 21:51*	*1*
13C5 PFHxA	*82.6*		*40 - 130*	*10/04/25 05:49*	*10/05/25 21:51*	*1*
13C4 PFHpA	*85.6*		*40 - 130*	*10/04/25 05:49*	*10/05/25 21:51*	*1*
13C8 PFOA	*80.8*		*40 - 130*	*10/04/25 05:49*	*10/05/25 21:51*	*1*
13C9 PFNA	*78.8*		*40 - 130*	*10/04/25 05:49*	*10/05/25 21:51*	*1*
13C6 PFDA	*75.7*		*40 - 130*	*10/04/25 05:49*	*10/05/25 21:51*	*1*
13C7 PFUnA	*82.3*		*40 - 130*	*10/04/25 05:49*	*10/05/25 21:51*	*1*
13C2 PFTeDA	*73.2*		*20 - 130*	*10/04/25 05:49*	*10/05/25 21:51*	*1*
13C3 PFBS	*90.8*		*40 - 135*	*10/04/25 05:49*	*10/05/25 21:51*	*1*
13C3 PFHxS	*81.8*		*40 - 130*	*10/04/25 05:49*	*10/05/25 21:51*	*1*
13C8 PFOS	*77.9*		*40 - 130*	*10/04/25 05:49*	*10/05/25 21:51*	*1*
13C8 FOSA	*71.1*		*40 - 130*	*10/04/25 05:49*	*10/05/25 21:51*	*1*
d3-NMeFOSAA	*66.5*		*40 - 135*	*10/04/25 05:49*	*10/05/25 21:51*	*1*
d5-NEtFOSAA	*113*		*40 - 150*	*10/04/25 05:49*	*10/05/25 21:51*	*1*
13C2 4:2 FTS	*93.6*		*40 - 165*	*10/04/25 05:49*	*10/05/25 21:51*	*1*
13C2 6:2 FTS	*85.5*		*40 - 215*	*10/04/25 05:49*	*10/05/25 21:51*	*1*
13C2 8:2 FTS	*66.5*		*40 - 275*	*10/04/25 05:49*	*10/05/25 21:51*	*1*
13C3 HFPO-DA	*79.0*		*40 - 130*	*10/04/25 05:49*	*10/05/25 21:51*	*1*
d7-N-MeFOSE-M	*48.5*		*20 - 130*	*10/04/25 05:49*	*10/05/25 21:51*	*1*
d9-N-EtFOSE-M	*38.3*		*15 - 130*	*10/04/25 05:49*	*10/05/25 21:51*	*1*
d5-NEtPFOSA	*57.4*		*10 - 130*	*10/04/25 05:49*	*10/05/25 21:51*	*1*
d3-NMePFOSA	*62.8*		*10 - 130*	*10/04/25 05:49*	*10/05/25 21:51*	*1*
13C2 PFDoA	*78.0*		*40 - 130*	*10/04/25 05:49*	*10/05/25 21:51*	*1*

Lab Sample ID: LCS 410-709163/2-A
Matrix: Solid
Analysis Batch: 709339

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 709163

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
Perfluorobutanoic acid (PFBA)	5.00	4.525		ug/Kg		91	70 - 140
Perfluoropentanoic acid (PFPeA)	2.50	2.386		ug/Kg		95	60 - 150
Perfluorohexanoic acid (PFHxA)	2.50	2.363		ug/Kg		95	65 - 140
Perfluoroheptanoic acid (PFHpA)	2.50	2.266		ug/Kg		91	65 - 145
Perfluorooctanoic acid (PFOA)	2.50	2.309		ug/Kg		92	70 - 150
Perfluorononanoic acid (PFNA)	2.50	2.298		ug/Kg		92	70 - 155

Method: 1633A - Per- and Polyfluoroalkyl Substances by LC/MS/MS, 1633A (Continued)

Lab Sample ID: LCS 410-709163/2-A
Matrix: Solid
Analysis Batch: 709339

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 709163

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
Perfluorodecanoic acid (PFDA)	2.50	2.372		ug/Kg		95	70 - 155
Perfluoroundecanoic acid (PFUnA)	2.50	2.427		ug/Kg		97	70 - 155
Perfluorododecanoic acid (PFDoA)	2.50	2.154		ug/Kg		86	70 - 150
Perfluorotridecanoic acid (PFTrDA)	2.50	2.307		ug/Kg		92	65 - 150
Perfluorotetradecanoic acid (PFTeDA)	2.50	2.567		ug/Kg		103	65 - 150
Perfluorobutanesulfonic acid (PFBS)	2.22	1.971		ug/Kg		89	65 - 145
Perfluoropentanesulfonic acid (PFPeS)	2.35	2.451		ug/Kg		104	55 - 160
Perfluorohexanesulfonic acid (PFHxS)	2.28	2.109		ug/Kg		93	60 - 150
Perfluoroheptanesulfonic acid (PFHpS)	2.39	2.193		ug/Kg		92	65 - 155
Perfluorooctanesulfonic acid (PFOS)	2.33	2.121		ug/Kg		91	65 - 160
Perfluorononanesulfonic acid (PFNS)	2.41	2.501		ug/Kg		104	55 - 140
Perfluorodecanesulfonic acid (PFDS)	2.41	2.895		ug/Kg		120	40 - 155
Perfluorododecanesulfonic acid (PFDoS)	2.43	2.644		ug/Kg		109	25 - 160
1H,1H,2H,2H-Perfluorohexane sulfonic acid (4:2 FTS)	4.69	4.575		ug/Kg		98	60 - 150
1H,1H,2H,2H-Perfluorooctane sulfonic acid (6:2 FTS)	4.76	4.431		ug/Kg		93	55 - 200
1H,1H,2H,2H-Perfluorodecane sulfonic acid (8:2 FTS)	4.80	4.710		ug/Kg		98	70 - 150
Perfluorooctanesulfonamide (PFOSA)	2.50	2.307		ug/Kg		92	70 - 140
N-methylperfluorooctane sulfonamide (NMeFOSA)	2.50	2.273		ug/Kg		91	70 - 155
N-ethylperfluorooctane sulfonamide (NEtFOSA)	2.50	2.305		ug/Kg		92	70 - 140
N-methylperfluorooctanesulfonamidoacetic acid (NMeFOSAA)	2.50	2.288		ug/Kg		92	65 - 155
N-ethylperfluorooctanesulfonamidoacetic acid (NEtFOSAA)	2.50	2.416		ug/Kg		97	65 - 165
N-methylperfluorooctane sulfonamidoethanol (NMeFOSE)	12.5	11.36		ug/Kg		91	70 - 140
N-ethylperfluorooctane sulfonamidoethanol (NEtFOSE)	12.5	11.40		ug/Kg		91	70 - 135
Hexafluoropropylene Oxide Dimer Acid (HFPO-DA)	1.88	1.823		ug/Kg		97	70 - 145
4,8-Dioxa-3H-perfluorononanoic acid (ADONA)	2.37	2.271		ug/Kg		96	70 - 160
Perfluoro-3-methoxypropanoic acid (PFMPA)	2.50	2.441		ug/Kg		98	30 - 140
Perfluoro-4-methoxybutanoic acid (PFMBA)	2.50	2.275		ug/Kg		91	60 - 150
Nonafluoro-3,6-dioxaheptanoic acid (NFDHA)	2.50	2.166		ug/Kg		87	60 - 155

Method: 1633A - Per- and Polyfluoroalkyl Substances by LC/MS/MS, 1633A (Continued)

Lab Sample ID: LCS 410-709163/2-A
Matrix: Solid
Analysis Batch: 709339

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 709163

Analyte			Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits		
9-Chlorohexadecafluoro-3-oxanonane-1-sulfonic acid (9Cl-PF3ONS)			2.34	2.413		ug/Kg		103	70 - 150		
11-Chloroeicosafluoro-3-oxaundecane-1-sulfonic acid (11Cl-PF3OUdS)			2.36	2.996		ug/Kg		127	45 - 160		
Perfluoro (2-ethoxyethane) sulfonic acid (PFEESA)			2.23	2.201		ug/Kg		99	70 - 140		
3-Perfluoropropylpropanoic acid (3:3 FTCA)			5.00	3.909		ug/Kg		78	45 - 130		
3-Perfluoropentylpropanoic acid (5:3 FTCA)			12.5	10.00		ug/Kg		80	60 - 130		
3-Perfluoroheptylpropanoic acid (7:3 FTCA)			12.5	10.06		ug/Kg		80	60 - 150		

Isotope Dilution	*LCS %Recovery*	*LCS Qualifier*	*Limits*
13C4 PFBA	*67.9*		*8 - 130*
13C5 PFPeA	*63.8*		*35 - 130*
13C5 PFHxA	*59.3*		*40 - 130*
13C4 PFHpA	*64.1*		*40 - 130*
13C8 PFOA	*56.5*		*40 - 130*
13C9 PFNA	*57.9*		*40 - 130*
13C6 PFDA	*63.6*		*40 - 130*
13C7 PFUnA	*74.0*		*40 - 130*
13C2 PFTeDA	*63.0*		*20 - 130*
13C3 PFBS	*66.6*		*40 - 135*
13C3 PFHxS	*55.7*		*40 - 130*
13C8 PFOS	*59.0*		*40 - 130*
13C8 FOSA	*62.3*		*40 - 130*
d3-NMeFOSAA	*62.3*		*40 - 135*
d5-NEtFOSAA	*102*		*40 - 150*
13C2 4:2 FTS	*69.9*		*40 - 165*
13C2 6:2 FTS	*61.9*		*40 - 215*
13C2 8:2 FTS	*51.5*		*40 - 275*
13C3 HFPO-DA	*58.7*		*40 - 130*
d7-N-MeFOSE-M	*49.1*		*20 - 130*
d9-N-EtFOSE-M	*44.3*		*15 - 130*
d5-NEtPFOSA	*54.5*		*10 - 130*
d3-NMePFOSA	*58.6*		*10 - 130*
13C2 PFDoA	*83.6*		*40 - 130*

Lab Sample ID: LCSD 410-709163/3-A
Matrix: Solid
Analysis Batch: 709339

Client Sample ID: Lab Control Sample Dup
Prep Type: Total/NA
Prep Batch: 709163

Analyte			Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Perfluorobutanoic acid (PFBA)			5.00	4.813		ug/Kg		96	70 - 140	6	30
Perfluoropentanoic acid (PFPeA)			2.50	2.479		ug/Kg		99	60 - 150	4	30
Perfluorohexanoic acid (PFHxA)			2.50	2.329		ug/Kg		93	65 - 140	1	30
Perfluoroheptanoic acid (PFHpA)			2.50	2.501		ug/Kg		100	65 - 145	10	30
Perfluorooctanoic acid (PFOA)			2.50	2.410		ug/Kg		96	70 - 150	4	30

Method: 1633A - Per- and Polyfluoroalkyl Substances by LC/MS/MS, 1633A (Continued)

Lab Sample ID: LCSD 410-709163/3-A
Matrix: Solid
Analysis Batch: 709339

Client Sample ID: Lab Control Sample Dup
Prep Type: Total/NA
Prep Batch: 709163

Analyte	Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Perfluorononanoic acid (PFNA)	2.50	2.381		ug/Kg		95	70 - 155	4	30
Perfluorodecanoic acid (PFDA)	2.50	2.461		ug/Kg		98	70 - 155	4	30
Perfluoroundecanoic acid (PFUnA)	2.50	2.204		ug/Kg		88	70 - 155	10	30
Perfluorododecanoic acid (PFDoA)	2.50	2.271		ug/Kg		91	70 - 150	5	30
Perfluorotridecanoic acid (PFTrDA)	2.50	2.441		ug/Kg		98	65 - 150	6	30
Perfluorotetradecanoic acid (PFTeDA)	2.50	2.316		ug/Kg		93	65 - 150	10	30
Perfluorobutanesulfonic acid (PFBS)	2.22	2.117		ug/Kg		95	65 - 145	7	30
Perfluoropentanesulfonic acid (PFPeS)	2.35	2.556		ug/Kg		109	55 - 160	4	30
Perfluorohexanesulfonic acid (PFHxS)	2.28	2.210		ug/Kg		97	60 - 150	5	30
Perfluoroheptanesulfonic acid (PFHpS)	2.39	2.329		ug/Kg		98	65 - 155	6	30
Perfluorooctanesulfonic acid (PFOS)	2.33	2.103		ug/Kg		90	65 - 160	1	30
Perfluorononanesulfonic acid (PFNS)	2.41	2.158		ug/Kg		90	55 - 140	15	30
Perfluorodecanesulfonic acid (PFDS)	2.41	2.084	*	ug/Kg		86	40 - 155	33	30
Perfluorododecanesulfonic acid (PFDoS)	2.43	1.908	*	ug/Kg		79	25 - 160	32	30
1H,1H,2H,2H-Perfluorohexane sulfonic acid (4:2 FTS)	4.69	4.540		ug/Kg		97	60 - 150	1	30
1H,1H,2H,2H-Perfluorooctane sulfonic acid (6:2 FTS)	4.76	4.924		ug/Kg		103	55 - 200	11	30
1H,1H,2H,2H-Perfluorodecane sulfonic acid (8:2 FTS)	4.80	4.875		ug/Kg		102	70 - 150	3	30
Perfluorooctanesulfonamide (PFOSA)	2.50	2.437		ug/Kg		97	70 - 140	5	30
N-methylperfluorooctane sulfonamide (NMeFOSA)	2.50	2.495		ug/Kg		100	70 - 155	9	30
N-ethylperfluorooctane sulfonamide (NEtFOSA)	2.50	2.399		ug/Kg		96	70 - 140	4	30
N-methylperfluorooctanesulfonamidoacetic acid (NMeFOSAA)	2.50	2.413		ug/Kg		97	65 - 155	5	30
N-ethylperfluorooctanesulfonamidoacetic acid (NEtFOSAA)	2.50	2.624		ug/Kg		105	65 - 165	8	30
N-methylperfluorooctane sulfonamidoethanol (NMeFOSE)	12.5	12.17		ug/Kg		97	70 - 140	7	30
N-ethylperfluorooctane sulfonamidoethanol (NEtFOSE)	12.5	12.58		ug/Kg		101	70 - 135	10	30
Hexafluoropropylene Oxide Dimer Acid (HFPO-DA)	1.88	1.928		ug/Kg		103	70 - 145	6	30
4,8-Dioxa-3H-perfluorononanoic acid (ADONA)	2.37	2.304		ug/Kg		97	70 - 160	1	30
Perfluoro-3-methoxypropanoic acid (PFMPA)	2.50	2.460		ug/Kg		98	30 - 140	1	30
Perfluoro-4-methoxybutanoic acid (PFMBA)	2.50	2.452		ug/Kg		98	60 - 150	8	30

Method: 1633A - Per- and Polyfluoroalkyl Substances by LC/MS/MS, 1633A (Continued)

Lab Sample ID: LCSD 410-709163/3-A
Matrix: Solid
Analysis Batch: 709339

Client Sample ID: Lab Control Sample Dup
Prep Type: Total/NA
Prep Batch: 709163

Analyte			Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Nonafluoro-3,6-dioxaheptanoic acid (NFDHA)			2.50	2.454		ug/Kg		98	60 - 155	12	30
9-Chlorohexadecafluoro-3-oxanonane-1-sulfonic acid (9Cl-PF3ONS)			2.34	2.189		ug/Kg		94	70 - 150	10	30
11-Chloroeicosafluoro-3-oxaundecane-1-sulfonic acid (11Cl-PF3OUdS)			2.36	2.023	*	ug/Kg		86	45 - 160	39	30
Perfluoro (2-ethoxyethane) sulfonic acid (PFEESA)			2.23	2.178		ug/Kg		98	70 - 140	1	30
3-Perfluoropropylpropanoic acid (3:3 FTCA)			5.00	3.999		ug/Kg		80	45 - 130	2	30
3-Perfluoropentylpropanoic acid (5:3 FTCA)			12.5	10.28		ug/Kg		82	60 - 130	3	30
3-Perfluoroheptylpropanoic acid (7:3 FTCA)			12.5	9.984		ug/Kg		80	60 - 150	1	30

Isotope Dilution	*LCSD %Recovery*	*LCSD Qualifier*	*Limits*
13C4 PFBA	*113*		*8 - 130*
13C5 PFPeA	*110*		*35 - 130*
13C5 PFHxA	*110*		*40 - 130*
13C4 PFHpA	*111*		*40 - 130*
13C8 PFOA	*105*		*40 - 130*
13C9 PFNA	*106*		*40 - 130*
13C6 PFDA	*94.8*		*40 - 130*
13C7 PFUnA	*100*		*40 - 130*
13C2 PFTeDA	*78.9*		*20 - 130*
13C3 PFBS	*118*		*40 - 135*
13C3 PFHxS	*104*		*40 - 130*
13C8 PFOS	*103*		*40 - 130*
13C8 FOSA	*96.6*		*40 - 130*
d3-NMeFOSAA	*83.2*		*40 - 135*
d5-NEtFOSAA	*106*		*40 - 150*
13C2 4:2 FTS	*124*		*40 - 165*
13C2 6:2 FTS	*108*		*40 - 215*
13C2 8:2 FTS	*85.6*		*40 - 275*
13C3 HFPO-DA	*108*		*40 - 130*
d7-N-MeFOSE-M	*58.6*		*20 - 130*
d9-N-EtFOSE-M	*47.5*		*15 - 130*
d5-NEtPFOSA	*71.3*		*10 - 130*
d3-NMePFOSA	*76.7*		*10 - 130*
13C2 PFDoA	*91.7*		*40 - 130*

Lab Sample ID: LLCS 410-709163/4-A
Matrix: Solid
Analysis Batch: 709339

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 709163

Analyte			Spike Added	LLCS Result	LLCS Qualifier	Unit	D	%Rec	%Rec Limits
Perfluorobutanoic acid (PFBA)			0.500	0.430		ug/Kg		86	70 - 140
Perfluoropentanoic acid (PFPeA)			0.250	0.227		ug/Kg		91	60 - 150
Perfluorohexanoic acid (PFHxA)			0.250	0.234		ug/Kg		93	65 - 140

Method: 1633A - Per- and Polyfluoroalkyl Substances by LC/MS/MS, 1633A (Continued)

Lab Sample ID: LLCS 410-709163/4-A
Matrix: Solid
Analysis Batch: 709339

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 709163

Analyte	Spike Added	LLCS Result	LLCS Qualifier	Unit	D	%Rec	%Rec Limits
Perfluoroheptanoic acid (PFHpA)	0.250	0.246		ug/Kg		98	65 - 145
Perfluorooctanoic acid (PFOA)	0.250	0.231		ug/Kg		92	70 - 150
Perfluorononanoic acid (PFNA)	0.250	0.221		ug/Kg		89	70 - 155
Perfluorodecanoic acid (PFDA)	0.250	0.210		ug/Kg		84	70 - 155
Perfluoroundecanoic acid (PFUnA)	0.250	0.235		ug/Kg		94	70 - 155
Perfluorododecanoic acid (PFDoA)	0.250	0.207		ug/Kg		83	70 - 150
Perfluorotridecanoic acid (PFTrDA)	0.250	0.212		ug/Kg		85	65 - 150
Perfluorotetradecanoic acid (PFTeDA)	0.250	0.220		ug/Kg		88	65 - 150
Perfluorobutanesulfonic acid (PFBS)	0.222	0.193	J	ug/Kg		87	65 - 145
Perfluoropentanesulfonic acid (PFPeS)	0.235	0.226		ug/Kg		96	55 - 160
Perfluorohexanesulfonic acid (PFHxS)	0.228	0.207		ug/Kg		91	60 - 150
Perfluoroheptanesulfonic acid (PFHpS)	0.239	0.229		ug/Kg		96	65 - 155
Perfluorooctanesulfonic acid (PFOS)	0.233	0.214		ug/Kg		92	65 - 160
Perfluorononanesulfonic acid (PFNS)	0.241	0.179	J	ug/Kg		74	55 - 140
Perfluorodecanesulfonic acid (PFDS)	0.241	0.179	J	ug/Kg		74	40 - 155
Perfluorododecanesulfonic acid (PFDoS)	0.243	0.169	J	ug/Kg		70	25 - 160
1H,1H,2H,2H-Perfluorohexane sulfonic acid (4:2 FTS)	0.469	0.418		ug/Kg		89	60 - 150
1H,1H,2H,2H-Perfluorooctane sulfonic acid (6:2 FTS)	0.476	0.468		ug/Kg		98	55 - 200
1H,1H,2H,2H-Perfluorodecane sulfonic acid (8:2 FTS)	0.480	0.442		ug/Kg		92	70 - 150
Perfluorooctanesulfonamide (PFOSA)	0.250	0.256		ug/Kg		102	70 - 140
N-methylperfluorooctane sulfonamide (NMeFOSA)	0.250	0.227		ug/Kg		91	70 - 155
N-ethylperfluorooctane sulfonamide (NEtFOSA)	0.250	0.235		ug/Kg		94	70 - 140
N-methylperfluorooctanesulfonamidoacetic acid (NMeFOSAA)	0.250	0.186	J	ug/Kg		74	65 - 155
N-ethylperfluorooctanesulfonamidoacetic acid (NEtFOSAA)	0.250	0.225		ug/Kg		90	65 - 165
N-methylperfluorooctane sulfonamidoethanol (NMeFOSE)	1.25	1.373		ug/Kg		110	70 - 140
N-ethylperfluorooctane sulfonamidoethanol (NEtFOSE)	1.25	1.351		ug/Kg		108	70 - 135
Hexafluoropropylene Oxide Dimer Acid (HFPO-DA)	0.188	0.185	J	ug/Kg		98	70 - 145
4,8-Dioxa-3H-perfluorononanoic acid (ADONA)	0.237	0.235		ug/Kg		99	70 - 160
Perfluoro-3-methoxypropanoic acid (PFMPA)	0.250	0.220		ug/Kg		88	30 - 140

Method: 1633A - Per- and Polyfluoroalkyl Substances by LC/MS/MS, 1633A (Continued)

Lab Sample ID: LLCS 410-709163/4-A
Matrix: Solid
Analysis Batch: 709339

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 709163

Analyte			Spike Added	LLCS Result	LLCS Qualifier	Unit	D	%Rec	%Rec Limits		
Perfluoro-4-methoxybutanoic acid (PFMBA)			0.250	0.213		ug/Kg		85	60 - 150		
Nonafluoro-3,6-dioxaheptanoic acid (NFDHA)			0.250	0.264		ug/Kg		106	60 - 155		
9-Chlorohexadecafluoro-3-oxanonane-1-sulfonic acid (9Cl-PF3ONS)			0.234	0.237		ug/Kg		102	70 - 150		
11-Chloroeicosafluoro-3-oxaundecane-1-sulfonic acid (11Cl-PF3OUdS)			0.236	0.182	J	ug/Kg		77	45 - 160		
Perfluoro (2-ethoxyethane) sulfonic acid (PFEESA)			0.223	0.194	J	ug/Kg		87	70 - 140		
3-Perfluoropropylpropanoic acid (3:3 FTCA)			0.500	0.384	J	ug/Kg		77	45 - 130		
3-Perfluoropentylpropanoic acid (5:3 FTCA)			1.25	1.059		ug/Kg		85	60 - 130		
3-Perfluoroheptylpropanoic acid (7:3 FTCA)			1.25	0.913	J	ug/Kg		73	60 - 150		

Isotope Dilution	*LLCS %Recovery*	*LLCS Qualifier*	*Limits*
13C4 PFBA	*119*		*8 - 130*
13C5 PFPeA	*118*		*35 - 130*
13C5 PFHxA	*116*		*40 - 130*
13C4 PFHpA	*122*		*40 - 130*
13C8 PFOA	*120*		*40 - 130*
13C9 PFNA	*116*		*40 - 130*
13C6 PFDA	*110*		*40 - 130*
13C7 PFUnA	*100*		*40 - 130*
13C2 PFTeDA	*90.1*		*20 - 130*
13C3 PFBS	*127*		*40 - 135*
13C3 PFHxS	*112*		*40 - 130*
13C8 PFOS	*113*		*40 - 130*
13C8 FOSA	*102*		*40 - 130*
d3-NMeFOSAA	*87.8*		*40 - 135*
d5-NEtFOSAA	*107*		*40 - 150*
13C2 4:2 FTS	*136*		*40 - 165*
13C2 6:2 FTS	*124*		*40 - 215*
13C2 8:2 FTS	*94.1*		*40 - 275*
13C3 HFPO-DA	*116*		*40 - 130*
d7-N-MeFOSE-M	*74.9*		*20 - 130*
d9-N-EtFOSE-M	*60.3*		*15 - 130*
d5-NEtPFOSA	*76.7*		*10 - 130*
d3-NMePFOSA	*84.8*		*10 - 130*
13C2 PFDoA	*91.4*		*40 - 130*

Method: 6020B - Metals (ICP/MS)

Lab Sample ID: MB 460-1065581/1-A
Matrix: Solid
Analysis Batch: 1065734

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 1065581

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Aluminum	20.0	U	20.0	5.5	mg/Kg		10/03/25 07:27	10/03/25 21:15	1
Antimony	1.0	U	1.0	0.15	mg/Kg		10/03/25 07:27	10/03/25 21:15	1
Arsenic	1.0	U	1.0	0.10	mg/Kg		10/03/25 07:27	10/03/25 21:15	1
Barium	2.0	U	2.0	0.15	mg/Kg		10/03/25 07:27	10/03/25 21:15	1
Beryllium	0.40	U	0.40	0.022	mg/Kg		10/03/25 07:27	10/03/25 21:15	1
Cadmium	1.0	U	1.0	0.11	mg/Kg		10/03/25 07:27	10/03/25 21:15	1
Calcium	100	U	100	9.7	mg/Kg		10/03/25 07:27	10/03/25 21:15	1
Chromium	2.0	U	2.0	0.30	mg/Kg		10/03/25 07:27	10/03/25 21:15	1
Cobalt	1.0	U	1.0	0.15	mg/Kg		10/03/25 07:27	10/03/25 21:15	1
Copper	2.0	U	2.0	0.37	mg/Kg		10/03/25 07:27	10/03/25 21:15	1
Iron	60.0	U	60.0	7.7	mg/Kg		10/03/25 07:27	10/03/25 21:15	1
Lead	0.60	U	0.60	0.20	mg/Kg		10/03/25 07:27	10/03/25 21:15	1
Magnesium	100	U	100	10.2	mg/Kg		10/03/25 07:27	10/03/25 21:15	1
Manganese	4.0	U	4.0	0.40	mg/Kg		10/03/25 07:27	10/03/25 21:15	1
Nickel	2.0	U	2.0	0.18	mg/Kg		10/03/25 07:27	10/03/25 21:15	1
Potassium	100	U	100	16.2	mg/Kg		10/03/25 07:27	10/03/25 21:15	1
Selenium	1.3	U	1.3	0.13	mg/Kg		10/03/25 07:27	10/03/25 21:15	1
Silver	0.40	U	0.40	0.089	mg/Kg		10/03/25 07:27	10/03/25 21:15	1
Sodium	100	U	100	45.7	mg/Kg		10/03/25 07:27	10/03/25 21:15	1
Thallium	0.40	U	0.40	0.041	mg/Kg		10/03/25 07:27	10/03/25 21:15	1
Vanadium	2.0	U	2.0	0.21	mg/Kg		10/03/25 07:27	10/03/25 21:15	1
Zinc	8.0	U	8.0	1.1	mg/Kg		10/03/25 07:27	10/03/25 21:15	1

Lab Sample ID: 460-335806-20 MS
Matrix: Solid
Analysis Batch: 1065734

Client Sample ID: 58J_5-10
Prep Type: Total/NA
Prep Batch: 1065581

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec Limits
Aluminum	6910		536	7731	4	mg/Kg	☼	153	75 - 125
Antimony	0.63	J	5.36	2.83	N	mg/Kg	☼	41	75 - 125
Arsenic	8.1		10.7	16.86		mg/Kg	☼	82	75 - 125
Barium	34.4		10.7	40.64	N	mg/Kg	☼	58	75 - 125
Beryllium	0.51		5.36	4.99		mg/Kg	☼	84	75 - 125
Cadmium	0.31	J	5.36	5.23		mg/Kg	☼	92	75 - 125
Calcium	1640		536	2215		mg/Kg	☼	108	75 - 125
Chromium	13.7		10.7	22.93		mg/Kg	☼	86	75 - 125
Cobalt	5.6		5.36	10.13		mg/Kg	☼	84	75 - 125
Copper	42.1		10.7	47.30	N	mg/Kg	☼	49	75 - 125
Iron	19400		536	18130	4	mg/Kg	☼	-232	75 - 125
Lead	51.8		5.36	53.67	4	mg/Kg	☼	34	75 - 125
Magnesium	2460		536	2939	4	mg/Kg	☼	89	75 - 125
Manganese	228		53.6	264.1	4	mg/Kg	☼	67	75 - 125
Nickel	12.0		10.7	19.99	N	mg/Kg	☼	74	75 - 125
Potassium	889		536	1449		mg/Kg	☼	105	75 - 125
Selenium	0.32	J	10.7	9.84		mg/Kg	☼	89	75 - 125
Silver	0.27	J	5.36	5.18		mg/Kg	☼	92	75 - 125
Sodium	76.6	J	536	591.7		mg/Kg	☼	96	75 - 125
Thallium	0.079	J	4.29	3.91		mg/Kg	☼	89	75 - 125
Vanadium	23.4		10.7	32.81		mg/Kg	☼	88	75 - 125

Method: 6020B - Metals (ICP/MS) (Continued)

Lab Sample ID: 460-335806-20 MS
Matrix: Solid
Analysis Batch: 1065734

Client Sample ID: 58J_5-10
Prep Type: Total/NA
Prep Batch: 1065581

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec Limits
Zinc	65.1		53.6	106.8		mg/Kg	☼	78	75 - 125

Lab Sample ID: 460-335806-20 DU
Matrix: Solid
Analysis Batch: 1065734

Client Sample ID: 58J_5-10
Prep Type: Total/NA
Prep Batch: 1065581

Analyte	Sample Result	Sample Qualifier	DU Result	DU Qualifier	Unit	D	RPD	RPD Limit
Aluminum	6910		6621		mg/Kg	☼	4	20
Antimony	0.63	J	0.728	J	mg/Kg	☼	15	20
Arsenic	8.1		7.66		mg/Kg	☼	5	20
Barium	34.4		31.54		mg/Kg	☼	9	20
Beryllium	0.51		0.431		mg/Kg	☼	17	20
Cadmium	0.31	J	0.303	J	mg/Kg	☼	3	20
Calcium	1640		1737		mg/Kg	☼	6	20
Chromium	13.7		14.43		mg/Kg	☼	5	20
Cobalt	5.6		5.72		mg/Kg	☼	1	20
Copper	42.1		41.82		mg/Kg	☼	0.6	20
Iron	19400		18200		mg/Kg	☼	6	20
Lead	51.8		62.27		mg/Kg	☼	18	20
Magnesium	2460		2484		mg/Kg	☼	0.8	20
Manganese	228		228.9		mg/Kg	☼	0.2	20
Nickel	12.0		11.71		mg/Kg	☼	3	20
Potassium	889		854.1		mg/Kg	☼	4	20
Selenium	0.32	J	0.227	J	mg/Kg	☼	35	20
Silver	0.27	J	0.275	J	mg/Kg	☼	2	20
Sodium	76.6	J	87.54	J	mg/Kg	☼	13	20
Thallium	0.079	J	0.0761	J	mg/Kg	☼	4	20
Vanadium	23.4		23.58		mg/Kg	☼	0.7	20
Zinc	65.1		61.20		mg/Kg	☼	6	20

Method: 7471B - Mercury (CVAA)

Lab Sample ID: MB 460-1065520/10-A
Matrix: Solid
Analysis Batch: 1065675

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 1065520

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	0.017	U	0.017	0.0080	mg/Kg		10/03/25 01:44	10/03/25 08:54	1

Lab Sample ID: LCSSRM 460-1065520/11-A
Matrix: Solid
Analysis Batch: 1065675

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 1065520

Analyte	Spike Added	LCSSRM Result	LCSSRM Qualifier	Unit	D	%Rec	%Rec Limits
Mercury	14.1	12.42		mg/Kg		88.1	69.6 - 130.5

Method: 7471B - Mercury (CVAA) (Continued)

Lab Sample ID: 460-335744-D-1-D MS — **Client Sample ID: Matrix Spike**
Matrix: Solid — **Prep Type: Total/NA**
Analysis Batch: 1065675 — **Prep Batch: 1065520**

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec Limits
Mercury	0.33		0.0889	0.581	N	mg/Kg	☼	280	80 - 120

Lab Sample ID: 460-335744-D-1-C DU — **Client Sample ID: Duplicate**
Matrix: Solid — **Prep Type: Total/NA**
Analysis Batch: 1065675 — **Prep Batch: 1065520**

Analyte	Sample Result	Sample Qualifier	DU Result	DU Qualifier	Unit	D	RPD	RPD Limit
Mercury	0.33		0.331		mg/Kg	☼	0.3	20

Lab Sample ID: MB 460-1065521/1-A — **Client Sample ID: Method Blank**
Matrix: Solid — **Prep Type: Total/NA**
Analysis Batch: 1065675 — **Prep Batch: 1065521**

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	0.017	U	0.017	0.0080	mg/Kg		10/03/25 02:15	10/03/25 10:20	1

Lab Sample ID: LCSSRM 460-1065521/2-A — **Client Sample ID: Lab Control Sample**
Matrix: Solid — **Prep Type: Total/NA**
Analysis Batch: 1065675 — **Prep Batch: 1065521**

Analyte	Spike Added	LCSSRM Result	LCSSRM Qualifier	Unit	D	%Rec	%Rec Limits
Mercury	14.1	12.86		mg/Kg		91.2	69.6 - 130.5

Lab Sample ID: 460-335806-8 MS — **Client Sample ID: 58D_5-10**
Matrix: Solid — **Prep Type: Total/NA**
Analysis Batch: 1065675 — **Prep Batch: 1065521**

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec Limits
Mercury	0.041		0.0857	0.127		mg/Kg	☼	101	80 - 120

Lab Sample ID: 460-335806-8 DU — **Client Sample ID: 58D_5-10**
Matrix: Solid — **Prep Type: Total/NA**
Analysis Batch: 1065675 — **Prep Batch: 1065521**

Analyte	Sample Result	Sample Qualifier	DU Result	DU Qualifier	Unit	D	RPD	RPD Limit
Mercury	0.041		0.0419		mg/Kg	☼	3	20

Method: Moisture - Percent Moisture

Lab Sample ID: 460-335806-30 DU — **Client Sample ID: 58B2_3-4**
Matrix: Solid — **Prep Type: Total/NA**
Analysis Batch: 1064401

Analyte	Sample Result	Sample Qualifier	DU Result	DU Qualifier	Unit	D	RPD	RPD Limit
Percent Moisture	11.3		17.7	*	%		44	20
Percent Solids	88.7		82.3		%		8	20

Method: Moisture - Percent Moisture (Continued)

Lab Sample ID: 460-335806-50 DU
Matrix: Solid
Analysis Batch: 1064401

Client Sample ID: 58E2_2-3
Prep Type: Total/NA

Analyte	Sample Result	Sample Qualifier		DU Result	DU Qualifier	Unit	D			RPD	RPD Limit
Percent Moisture	12.1			18.1	*	%				40	20
Percent Solids	87.9			81.9		%				7	20

Lab Sample ID: 460-335806-70 DU
Matrix: Solid
Analysis Batch: 1064401

Client Sample ID: 58H1_2-3
Prep Type: Total/NA

Analyte	Sample Result	Sample Qualifier		DU Result	DU Qualifier	Unit	D			RPD	RPD Limit
Percent Moisture	9.5			14.3	*	%				41	20
Percent Solids	90.5			85.7		%				5	20

Lab Sample ID: 460-335806-90 DU
Matrix: Solid
Analysis Batch: 1064401

Client Sample ID: 58J1_8-9
Prep Type: Total/NA

Analyte	Sample Result	Sample Qualifier		DU Result	DU Qualifier	Unit	D			RPD	RPD Limit
Percent Moisture	11.0			19.3	*	%				55	20
Percent Solids	89.0			80.7		%				10	20

Lab Sample ID: 460-335806-2 DU
Matrix: Solid
Analysis Batch: 1065181

Client Sample ID: 58A_5-10
Prep Type: Total/NA

Analyte	Sample Result	Sample Qualifier		DU Result	DU Qualifier	Unit	D			RPD	RPD Limit
Percent Moisture	10.2			9.0		%				13	20
Percent Solids	89.8			91.0		%				1	20

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Prep Batch: 1064517

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
460-335806-21	58A1_1-2	Total/NA	Solid	5035	
460-335806-22	58A2_2-3	Total/NA	Solid	5035	
460-335806-23	58A3_3-4	Total/NA	Solid	5035	
460-335806-24	58A1_5-6	Total/NA	Solid	5035	
460-335806-25	58A2_6-7	Total/NA	Solid	5035	
460-335806-26	58A3_7-8	Total/NA	Solid	5035	
460-335806-27	58A2_9-10	Total/NA	Solid	5035	
460-335806-28	58B1_0-1	Total/NA	Solid	5035	
460-335806-29	58B2_2-3	Total/NA	Solid	5035	
460-335806-30	58B2_3-4	Total/NA	Solid	5035	
460-335806-31	58B1_4-5	Total/NA	Solid	5035	
460-335806-32	58B2_5-6	Total/NA	Solid	5035	
460-335806-33	58B3_7-8	Total/NA	Solid	5035	
460-335806-34	58B2_9-10	Total/NA	Solid	5035	
460-335806-35	58C3_1-2	Total/NA	Solid	5035	
460-335806-36	58C2_2-3	Total/NA	Solid	5035	
460-335806-37	58C1_3-4	Total/NA	Solid	5035	
460-335806-38	58C3_5-6	Total/NA	Solid	5035	
460-335806-39	58C2_6-7	Total/NA	Solid	5035	
460-335806-40	58C1_7-8	Total/NA	Solid	5035	
460-335806-41	58C3_8-9	Total/NA	Solid	5035	
460-335806-42	58D1_1-2	Total/NA	Solid	5035	
460-335806-43	58D2_2-3	Total/NA	Solid	5035	
460-335806-44	58D3_4-5	Total/NA	Solid	5035	

Prep Batch: 1064524

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
460-335806-45	58D1_5-6	Total/NA	Solid	5035	
460-335806-46	58D2_6-7	Total/NA	Solid	5035	
460-335806-47	58D3_8-9	Total/NA	Solid	5035	
460-335806-48	58D3_9-10	Total/NA	Solid	5035	
460-335806-49	58E1_1-2	Total/NA	Solid	5035	
460-335806-50	58E2_2-3	Total/NA	Solid	5035	
460-335806-51	58E3_4-5	Total/NA	Solid	5035	
460-335806-52	58E1_5-6	Total/NA	Solid	5035	
460-335806-53	58E2_7-8	Total/NA	Solid	5035	
460-335806-54	58E3_8-9	Total/NA	Solid	5035	
460-335806-55	58E2_9-10	Total/NA	Solid	5035	
460-335806-56	58F1_1-2	Total/NA	Solid	5035	
460-335806-57	58F2_3-4	Total/NA	Solid	5035	
460-335806-58	58F3_4-5	Total/NA	Solid	5035	
460-335806-59	58F1_5-6	Total/NA	Solid	5035	
460-335806-60	58F2_7-8	Total/NA	Solid	5035	
460-335806-61	58F3_8-9	Total/NA	Solid	5035	
460-335806-62	58F1_9-10	Total/NA	Solid	5035	
460-335806-63	58G1_1-2	Total/NA	Solid	5035	
460-335806-64	58G2_3-4	Total/NA	Solid	5035	
460-335806-65	58G3_4-5	Total/NA	Solid	5035	
460-335806-66	58G1_5-6	Total/NA	Solid	5035	
460-335806-67	58G2_7-8	Total/NA	Solid	5035	
460-335806-68	58G3_9-10	Total/NA	Solid	5035	

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Prep Batch: 1064529

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
460-335806-69	58G3_6-7	Total/NA	Solid	5035	
460-335806-70	58H1_2-3	Total/NA	Solid	5035	
460-335806-71	58H2_3-4	Total/NA	Solid	5035	
460-335806-72	58H3_1-2	Total/NA	Solid	5035	
460-335806-73	58H1_5-6	Total/NA	Solid	5035	
460-335806-74	58H2_6-7	Total/NA	Solid	5035	
460-335806-75	58H3_7-8	Total/NA	Solid	5035	
460-335806-76	58H1_9-10	Total/NA	Solid	5035	
460-335806-77	58I2_0-1	Total/NA	Solid	5035	
460-335806-78	58I1_1-2	Total/NA	Solid	5035	
460-335806-79	58I3_3-4	Total/NA	Solid	5035	
460-335806-80	58I2_4-5	Total/NA	Solid	5035	
460-335806-81	58I3_5-6	Total/NA	Solid	5035	
460-335806-82	58I1_7-8	Total/NA	Solid	5035	
460-335806-83	58I2_9-10	Total/NA	Solid	5035	
460-335806-84	58J1_1-2	Total/NA	Solid	5035	
460-335806-85	58J2_2-3	Total/NA	Solid	5035	
460-335806-86	58J3_3-4	Total/NA	Solid	5035	
460-335806-87	58J1_5-6	Total/NA	Solid	5035	
460-335806-88	58J2_6-7	Total/NA	Solid	5035	
460-335806-89	58J3_7-8	Total/NA	Solid	5035	
460-335806-90	58J1_8-9	Total/NA	Solid	5035	

Prep Batch: 1064815

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
460-335982-B-7-B MS	Matrix Spike	Total/NA	Solid	5035	
460-335982-B-7-C MSD	Matrix Spike Duplicate	Total/NA	Solid	5035	

Analysis Batch: 1065633

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
460-335806-36	58C2_2-3	Total/NA	Solid	8260D	1064517
460-335806-37	58C1_3-4	Total/NA	Solid	8260D	1064517
460-335806-38	58C3_5-6	Total/NA	Solid	8260D	1064517
460-335806-39	58C2_6-7	Total/NA	Solid	8260D	1064517
460-335806-40	58C1_7-8	Total/NA	Solid	8260D	1064517
460-335806-41	58C3_8-9	Total/NA	Solid	8260D	1064517
460-335806-42	58D1_1-2	Total/NA	Solid	8260D	1064517
460-335806-43	58D2_2-3	Total/NA	Solid	8260D	1064517
460-335806-44	58D3_4-5	Total/NA	Solid	8260D	1064517
460-335806-45	58D1_5-6	Total/NA	Solid	8260D	1064524
460-335806-46	58D2_6-7	Total/NA	Solid	8260D	1064524
460-335806-47	58D3_8-9	Total/NA	Solid	8260D	1064524
460-335806-48	58D3_9-10	Total/NA	Solid	8260D	1064524
460-335806-49	58E1_1-2	Total/NA	Solid	8260D	1064524
460-335806-50	58E2_2-3	Total/NA	Solid	8260D	1064524
460-335806-51	58E3_4-5	Total/NA	Solid	8260D	1064524
460-335806-52	58E1_5-6	Total/NA	Solid	8260D	1064524
460-335806-53	58E2_7-8	Total/NA	Solid	8260D	1064524
MB 460-1065633/7	Method Blank	Total/NA	Solid	8260D	
LCS 460-1065633/2	Lab Control Sample	Total/NA	Solid	8260D	
LCSD 460-1065633/4	Lab Control Sample Dup	Total/NA	Solid	8260D	

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Analysis Batch: 1065636

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
460-335806-21	58A1_1-2	Total/NA	Solid	8260D	1064517
460-335806-22	58A2_2-3	Total/NA	Solid	8260D	1064517
460-335806-23	58A3_3-4	Total/NA	Solid	8260D	1064517
460-335806-24	58A1_5-6	Total/NA	Solid	8260D	1064517
460-335806-25	58A2_6-7	Total/NA	Solid	8260D	1064517
460-335806-26	58A3_7-8	Total/NA	Solid	8260D	1064517
460-335806-27	58A2_9-10	Total/NA	Solid	8260D	1064517
460-335806-28	58B1_0-1	Total/NA	Solid	8260D	1064517
460-335806-29	58B2_2-3	Total/NA	Solid	8260D	1064517
460-335806-30	58B2_3-4	Total/NA	Solid	8260D	1064517
460-335806-31	58B1_4-5	Total/NA	Solid	8260D	1064517
460-335806-32	58B2_5-6	Total/NA	Solid	8260D	1064517
460-335806-33	58B3_7-8	Total/NA	Solid	8260D	1064517
460-335806-34	58B2_9-10	Total/NA	Solid	8260D	1064517
460-335806-35	58C3_1-2	Total/NA	Solid	8260D	1064517
MB 460-1065636/8	Method Blank	Total/NA	Solid	8260D	
LCS 460-1065636/2	Lab Control Sample	Total/NA	Solid	8260D	
LCSD 460-1065636/4	Lab Control Sample Dup	Total/NA	Solid	8260D	

Analysis Batch: 1065774

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
460-335806-77	58I2_0-1	Total/NA	Solid	8260D	1064529
460-335806-78	58I1_1-2	Total/NA	Solid	8260D	1064529
460-335806-79	58I3_3-4	Total/NA	Solid	8260D	1064529
460-335806-80	58I2_4-5	Total/NA	Solid	8260D	1064529
460-335806-81	58I3_5-6	Total/NA	Solid	8260D	1064529
460-335806-82	58I1_7-8	Total/NA	Solid	8260D	1064529
460-335806-83	58I2_9-10	Total/NA	Solid	8260D	1064529
460-335806-84	58J1_1-2	Total/NA	Solid	8260D	1064529
460-335806-85	58J2_2-3	Total/NA	Solid	8260D	1064529
460-335806-86	58J3_3-4	Total/NA	Solid	8260D	1064529
460-335806-87	58J1_5-6	Total/NA	Solid	8260D	1064529
460-335806-88	58J2_6-7	Total/NA	Solid	8260D	1064529
460-335806-89	58J3_7-8	Total/NA	Solid	8260D	1064529
460-335806-90	58J1_8-9	Total/NA	Solid	8260D	1064529
MB 460-1065774/7	Method Blank	Total/NA	Solid	8260D	
LCS 460-1065774/3	Lab Control Sample	Total/NA	Solid	8260D	
LCSD 460-1065774/4	Lab Control Sample Dup	Total/NA	Solid	8260D	

Analysis Batch: 1065958

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
460-335806-54	58E3_8-9	Total/NA	Solid	8260D	1064524
460-335806-55	58E2_9-10	Total/NA	Solid	8260D	1064524
460-335806-56	58F1_1-2	Total/NA	Solid	8260D	1064524
460-335806-57	58F2_3-4	Total/NA	Solid	8260D	1064524
460-335806-58	58F3_4-5	Total/NA	Solid	8260D	1064524
MB 460-1065958/8	Method Blank	Total/NA	Solid	8260D	
LCS 460-1065958/3	Lab Control Sample	Total/NA	Solid	8260D	
460-335982-B-7-B MS	Matrix Spike	Total/NA	Solid	8260D	1064815
460-335982-B-7-C MSD	Matrix Spike Duplicate	Total/NA	Solid	8260D	1064815

QC Association Summary

Client: Haley & Aldrich, Inc.
Project/Site: Former Port Mobil

Job ID: 460-335806-1

GC/MS VOA

Analysis Batch: 1065959

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
460-335806-59	58F1_5-6	Total/NA	Solid	8260D	1064524
460-335806-60	58F2_7-8	Total/NA	Solid	8260D	1064524
460-335806-61	58F3_8-9	Total/NA	Solid	8260D	1064524
460-335806-62	58F1_9-10	Total/NA	Solid	8260D	1064524
460-335806-64	58G2_3-4	Total/NA	Solid	8260D	1064524
460-335806-65	58G3_4-5	Total/NA	Solid	8260D	1064524
460-335806-66	58G1_5-6	Total/NA	Solid	8260D	1064524
460-335806-67	58G2_7-8	Total/NA	Solid	8260D	1064524
460-335806-68	58G3_9-10	Total/NA	Solid	8260D	1064524
460-335806-69	58G3_6-7	Total/NA	Solid	8260D	1064529
460-335806-70	58H1_2-3	Total/NA	Solid	8260D	1064529
460-335806-71	58H2_3-4	Total/NA	Solid	8260D	1064529
460-335806-72	58H3_1-2	Total/NA	Solid	8260D	1064529
460-335806-73	58H1_5-6	Total/NA	Solid	8260D	1064529
460-335806-74	58H2_6-7	Total/NA	Solid	8260D	1064529
460-335806-75	58H3_7-8	Total/NA	Solid	8260D	1064529
460-335806-76	58H1_9-10	Total/NA	Solid	8260D	1064529
MB 460-1065959/6	Method Blank	Total/NA	Solid	8260D	
LCS 460-1065959/3	Lab Control Sample	Total/NA	Solid	8260D	
LCSD 460-1065959/4	Lab Control Sample Dup	Total/NA	Solid	8260D	

Analysis Batch: 1066077

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
460-335806-63	58G1_1-2	Total/NA	Solid	8260D	1064524
MB 460-1066077/7	Method Blank	Total/NA	Solid	8260D	
LCS 460-1066077/3	Lab Control Sample	Total/NA	Solid	8260D	
LCSD 460-1066077/4	Lab Control Sample Dup	Total/NA	Solid	8260D	

GC/MS Semi VOA

Prep Batch: 1064131

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
460-335806-16	58H_5-10	Total/NA	Solid	3546	
460-335806-17	58I_0-5	Total/NA	Solid	3546	
460-335806-18	58I_5-10	Total/NA	Solid	3546	
460-335806-19	58J_0-5	Total/NA	Solid	3546	
460-335806-20	58J_5-10	Total/NA	Solid	3546	
MB 460-1064131/1-A	Method Blank	Total/NA	Solid	3546	
LCS 460-1064131/2-A	Lab Control Sample	Total/NA	Solid	3546	
LCSD 460-1064131/3-A	Lab Control Sample Dup	Total/NA	Solid	3546	
460-335637-B-5-D MS	Matrix Spike	Total/NA	Solid	3546	
460-335637-B-5-E MSD	Matrix Spike Duplicate	Total/NA	Solid	3546	

Analysis Batch: 1064171

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
460-335806-16	58H_5-10	Total/NA	Solid	8270E	1064131
460-335806-17	58I_0-5	Total/NA	Solid	8270E	1064131
460-335806-18	58I_5-10	Total/NA	Solid	8270E	1064131
460-335806-19	58J_0-5	Total/NA	Solid	8270E	1064131
460-335806-20	58J_5-10	Total/NA	Solid	8270E	1064131
MB 460-1064131/1-A	Method Blank	Total/NA	Solid	8270E	1064131

GC/MS Semi VOA (Continued)

Analysis Batch: 1064171 (Continued)

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
LCS 460-1064131/2-A	Lab Control Sample	Total/NA	Solid	8270E	1064131
LCSD 460-1064131/3-A	Lab Control Sample Dup	Total/NA	Solid	8270E	1064131
460-335637-B-5-D MS	Matrix Spike	Total/NA	Solid	8270E	1064131
460-335637-B-5-E MSD	Matrix Spike Duplicate	Total/NA	Solid	8270E	1064131

Prep Batch: 1064230

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
460-335806-1	58A_0-5	Total/NA	Solid	3546	
460-335806-2	58A_5-10	Total/NA	Solid	3546	
460-335806-3	58B_0-5	Total/NA	Solid	3546	
460-335806-4	58B_5-10	Total/NA	Solid	3546	
460-335806-5	58C_0-5	Total/NA	Solid	3546	
460-335806-6	58C_5-10	Total/NA	Solid	3546	
460-335806-7	58D_0-5	Total/NA	Solid	3546	
460-335806-8	58D_5-10	Total/NA	Solid	3546	
460-335806-9	58E_0-5	Total/NA	Solid	3546	
460-335806-10	58E_5-10	Total/NA	Solid	3546	
460-335806-11	58F_0-5	Total/NA	Solid	3546	
460-335806-12	58F_5-10	Total/NA	Solid	3546	
460-335806-13	58G_0-5	Total/NA	Solid	3546	
460-335806-14	58G_5-10	Total/NA	Solid	3546	
460-335806-15	58H_0-5	Total/NA	Solid	3546	
MB 460-1064230/1-A	Method Blank	Total/NA	Solid	3546	
LCS 460-1064230/2-A	Lab Control Sample	Total/NA	Solid	3546	
LCSD 460-1064230/3-A	Lab Control Sample Dup	Total/NA	Solid	3546	
460-335806-1 MS	58A_0-5	Total/NA	Solid	3546	
460-335806-1 MSD	58A_0-5	Total/NA	Solid	3546	

Analysis Batch: 1064281

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
460-335806-1	58A_0-5	Total/NA	Solid	8270E	1064230
460-335806-2	58A_5-10	Total/NA	Solid	8270E	1064230
460-335806-3	58B_0-5	Total/NA	Solid	8270E	1064230
460-335806-4	58B_5-10	Total/NA	Solid	8270E	1064230
460-335806-5	58C_0-5	Total/NA	Solid	8270E	1064230
460-335806-6	58C_5-10	Total/NA	Solid	8270E	1064230
460-335806-7	58D_0-5	Total/NA	Solid	8270E	1064230
460-335806-8	58D_5-10	Total/NA	Solid	8270E	1064230
460-335806-9	58E_0-5	Total/NA	Solid	8270E	1064230
460-335806-10	58E_5-10	Total/NA	Solid	8270E	1064230
460-335806-11	58F_0-5	Total/NA	Solid	8270E	1064230
460-335806-12	58F_5-10	Total/NA	Solid	8270E	1064230
460-335806-13	58G_0-5	Total/NA	Solid	8270E	1064230
460-335806-14	58G_5-10	Total/NA	Solid	8270E	1064230
460-335806-15	58H_0-5	Total/NA	Solid	8270E	1064230
MB 460-1064230/1-A	Method Blank	Total/NA	Solid	8270E	1064230
LCS 460-1064230/2-A	Lab Control Sample	Total/NA	Solid	8270E	1064230
LCSD 460-1064230/3-A	Lab Control Sample Dup	Total/NA	Solid	8270E	1064230
460-335806-1 MS	58A_0-5	Total/NA	Solid	8270E	1064230
460-335806-1 MSD	58A_0-5	Total/NA	Solid	8270E	1064230

GC Semi VOA

Prep Batch: 1064249

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
460-335806-1	58A_0-5	Total/NA	Solid	3546	
460-335806-2	58A_5-10	Total/NA	Solid	3546	
460-335806-3	58B_0-5	Total/NA	Solid	3546	
460-335806-4	58B_5-10	Total/NA	Solid	3546	
460-335806-5	58C_0-5	Total/NA	Solid	3546	
460-335806-6	58C_5-10	Total/NA	Solid	3546	
460-335806-7	58D_0-5	Total/NA	Solid	3546	
460-335806-8	58D_5-10	Total/NA	Solid	3546	
460-335806-9	58E_0-5	Total/NA	Solid	3546	
460-335806-10	58E_5-10	Total/NA	Solid	3546	
460-335806-11	58F_0-5	Total/NA	Solid	3546	
460-335806-12	58F_5-10	Total/NA	Solid	3546	
460-335806-13	58G_0-5	Total/NA	Solid	3546	
460-335806-14	58G_5-10	Total/NA	Solid	3546	
460-335806-15	58H_0-5	Total/NA	Solid	3546	
460-335806-16	58H_5-10	Total/NA	Solid	3546	
460-335806-17	58I_0-5	Total/NA	Solid	3546	
460-335806-18	58I_5-10	Total/NA	Solid	3546	
460-335806-19	58J_0-5	Total/NA	Solid	3546	
460-335806-20	58J_5-10	Total/NA	Solid	3546	
MB 460-1064249/1-A	Method Blank	Total/NA	Solid	3546	
LCS 460-1064249/2-A	Lab Control Sample	Total/NA	Solid	3546	
LCSD 460-1064249/3-A	Lab Control Sample Dup	Total/NA	Solid	3546	
460-335806-1 MS	58A_0-5	Total/NA	Solid	3546	
460-335806-1 MSD	58A_0-5	Total/NA	Solid	3546	

Prep Batch: 1064250

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
460-335806-1	58A_0-5	Total/NA	Solid	3546	
460-335806-2	58A_5-10	Total/NA	Solid	3546	
460-335806-3	58B_0-5	Total/NA	Solid	3546	
460-335806-4	58B_5-10	Total/NA	Solid	3546	
460-335806-5	58C_0-5	Total/NA	Solid	3546	
460-335806-6	58C_5-10	Total/NA	Solid	3546	
460-335806-7	58D_0-5	Total/NA	Solid	3546	
460-335806-8	58D_5-10	Total/NA	Solid	3546	
460-335806-9	58E_0-5	Total/NA	Solid	3546	
460-335806-10	58E_5-10	Total/NA	Solid	3546	
460-335806-11	58F_0-5	Total/NA	Solid	3546	
460-335806-12	58F_5-10	Total/NA	Solid	3546	
460-335806-13	58G_0-5	Total/NA	Solid	3546	
460-335806-14	58G_5-10	Total/NA	Solid	3546	
460-335806-15	58H_0-5	Total/NA	Solid	3546	
460-335806-16	58H_5-10	Total/NA	Solid	3546	
460-335806-17	58I_0-5	Total/NA	Solid	3546	
460-335806-18	58I_5-10	Total/NA	Solid	3546	
460-335806-19	58J_0-5	Total/NA	Solid	3546	
460-335806-20	58J_5-10	Total/NA	Solid	3546	
MB 460-1064250/1-A	Method Blank	Total/NA	Solid	3546	
LCS 460-1064250/2-A	Lab Control Sample	Total/NA	Solid	3546	
LCSD 460-1064250/3-A	Lab Control Sample Dup	Total/NA	Solid	3546	

GC Semi VOA (Continued)

Prep Batch: 1064250 (Continued)

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
460-335806-1 MS	58A_0-5	Total/NA	Solid	3546	
460-335806-1 MSD	58A_0-5	Total/NA	Solid	3546	

Analysis Batch: 1064298

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
460-335806-1	58A_0-5	Total/NA	Solid	8082A	1064249
460-335806-2	58A_5-10	Total/NA	Solid	8082A	1064249
460-335806-3	58B_0-5	Total/NA	Solid	8082A	1064249
460-335806-4	58B_5-10	Total/NA	Solid	8082A	1064249
460-335806-5	58C_0-5	Total/NA	Solid	8082A	1064249
460-335806-6	58C_5-10	Total/NA	Solid	8082A	1064249
460-335806-7	58D_0-5	Total/NA	Solid	8082A	1064249
460-335806-8	58D_5-10	Total/NA	Solid	8082A	1064249
460-335806-9	58E_0-5	Total/NA	Solid	8082A	1064249
460-335806-10	58E_5-10	Total/NA	Solid	8082A	1064249
460-335806-11	58F_0-5	Total/NA	Solid	8082A	1064249
460-335806-12	58F_5-10	Total/NA	Solid	8082A	1064249
460-335806-13	58G_0-5	Total/NA	Solid	8082A	1064249
460-335806-14	58G_5-10	Total/NA	Solid	8082A	1064249
460-335806-15	58H_0-5	Total/NA	Solid	8082A	1064249
460-335806-16	58H_5-10	Total/NA	Solid	8082A	1064249
460-335806-17	58I_0-5	Total/NA	Solid	8082A	1064249
460-335806-18	58I_5-10	Total/NA	Solid	8082A	1064249
MB 460-1064249/1-A	Method Blank	Total/NA	Solid	8082A	1064249
LCS 460-1064249/2-A	Lab Control Sample	Total/NA	Solid	8082A	1064249
LCSD 460-1064249/3-A	Lab Control Sample Dup	Total/NA	Solid	8082A	1064249
460-335806-1 MS	58A_0-5	Total/NA	Solid	8082A	1064249
460-335806-1 MSD	58A_0-5	Total/NA	Solid	8082A	1064249

Analysis Batch: 1064305

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
460-335806-1	58A_0-5	Total/NA	Solid	8081B	1064250
460-335806-2	58A_5-10	Total/NA	Solid	8081B	1064250
460-335806-3	58B_0-5	Total/NA	Solid	8081B	1064250
460-335806-4	58B_5-10	Total/NA	Solid	8081B	1064250
460-335806-5	58C_0-5	Total/NA	Solid	8081B	1064250
460-335806-6	58C_5-10	Total/NA	Solid	8081B	1064250
460-335806-7	58D_0-5	Total/NA	Solid	8081B	1064250
460-335806-8	58D_5-10	Total/NA	Solid	8081B	1064250
460-335806-9	58E_0-5	Total/NA	Solid	8081B	1064250
460-335806-10	58E_5-10	Total/NA	Solid	8081B	1064250
460-335806-11	58F_0-5	Total/NA	Solid	8081B	1064250
460-335806-12	58F_5-10	Total/NA	Solid	8081B	1064250
460-335806-13	58G_0-5	Total/NA	Solid	8081B	1064250
460-335806-14	58G_5-10	Total/NA	Solid	8081B	1064250
460-335806-15	58H_0-5	Total/NA	Solid	8081B	1064250
460-335806-16	58H_5-10	Total/NA	Solid	8081B	1064250
MB 460-1064250/1-A	Method Blank	Total/NA	Solid	8081B	1064250
LCS 460-1064250/2-A	Lab Control Sample	Total/NA	Solid	8081B	1064250
LCSD 460-1064250/3-A	Lab Control Sample Dup	Total/NA	Solid	8081B	1064250
460-335806-1 MS	58A_0-5	Total/NA	Solid	8081B	1064250

GC Semi VOA (Continued)

Analysis Batch: 1064305 (Continued)

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
460-335806-1 MSD	58A_0-5	Total/NA	Solid	8081B	1064250

Analysis Batch: 1064403

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
460-335806-17	58I_0-5	Total/NA	Solid	8081B	1064250
460-335806-18	58I_5-10	Total/NA	Solid	8081B	1064250
460-335806-19	58J_0-5	Total/NA	Solid	8081B	1064250
460-335806-20	58J_5-10	Total/NA	Solid	8081B	1064250

Analysis Batch: 1064586

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
460-335806-19	58J_0-5	Total/NA	Solid	8082A	1064249
460-335806-20	58J_5-10	Total/NA	Solid	8082A	1064249

LCMS

Prep Batch: 709163

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
460-335806-1	58A_0-5	Total/NA	Solid	1633A Shake	
460-335806-2	58A_5-10	Total/NA	Solid	1633A Shake	
460-335806-3	58B_0-5	Total/NA	Solid	1633A Shake	
460-335806-4	58B_5-10	Total/NA	Solid	1633A Shake	
460-335806-5	58C_0-5	Total/NA	Solid	1633A Shake	
460-335806-6	58C_5-10	Total/NA	Solid	1633A Shake	
460-335806-7	58D_0-5	Total/NA	Solid	1633A Shake	
460-335806-8	58D_5-10	Total/NA	Solid	1633A Shake	
460-335806-9	58E_0-5	Total/NA	Solid	1633A Shake	
460-335806-10	58E_5-10	Total/NA	Solid	1633A Shake	
460-335806-11	58F_0-5	Total/NA	Solid	1633A Shake	
460-335806-12	58F_5-10	Total/NA	Solid	1633A Shake	
460-335806-13	58G_0-5	Total/NA	Solid	1633A Shake	
460-335806-14	58G_5-10	Total/NA	Solid	1633A Shake	
460-335806-15	58H_0-5	Total/NA	Solid	1633A Shake	
460-335806-16	58H_5-10	Total/NA	Solid	1633A Shake	
460-335806-17	58I_0-5	Total/NA	Solid	1633A Shake	
460-335806-18	58I_5-10	Total/NA	Solid	1633A Shake	
460-335806-19	58J_0-5	Total/NA	Solid	1633A Shake	
460-335806-20	58J_5-10	Total/NA	Solid	1633A Shake	
MB 410-709163/1-A	Method Blank	Total/NA	Solid	1633A Shake	
LCS 410-709163/2-A	Lab Control Sample	Total/NA	Solid	1633A Shake	
LCSD 410-709163/3-A	Lab Control Sample Dup	Total/NA	Solid	1633A Shake	
LLCS 410-709163/4-A	Lab Control Sample	Total/NA	Solid	1633A Shake	

Analysis Batch: 709339

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
460-335806-1	58A_0-5	Total/NA	Solid	1633A	709163
460-335806-2	58A_5-10	Total/NA	Solid	1633A	709163
460-335806-3	58B_0-5	Total/NA	Solid	1633A	709163
460-335806-4	58B_5-10	Total/NA	Solid	1633A	709163
460-335806-5	58C_0-5	Total/NA	Solid	1633A	709163
460-335806-6	58C_5-10	Total/NA	Solid	1633A	709163

LCMS (Continued)

Analysis Batch: 709339 (Continued)

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
460-335806-7	58D_0-5	Total/NA	Solid	1633A	709163
460-335806-8	58D_5-10	Total/NA	Solid	1633A	709163
460-335806-9	58E_0-5	Total/NA	Solid	1633A	709163
460-335806-10	58E_5-10	Total/NA	Solid	1633A	709163
460-335806-11	58F_0-5	Total/NA	Solid	1633A	709163
460-335806-12	58F_5-10	Total/NA	Solid	1633A	709163
460-335806-13	58G_0-5	Total/NA	Solid	1633A	709163
460-335806-14	58G_5-10	Total/NA	Solid	1633A	709163
460-335806-15	58H_0-5	Total/NA	Solid	1633A	709163
460-335806-16	58H_5-10	Total/NA	Solid	1633A	709163
460-335806-17	58I_0-5	Total/NA	Solid	1633A	709163
460-335806-18	58I_5-10	Total/NA	Solid	1633A	709163
460-335806-19	58J_0-5	Total/NA	Solid	1633A	709163
460-335806-20	58J_5-10	Total/NA	Solid	1633A	709163
MB 410-709163/1-A	Method Blank	Total/NA	Solid	1633A	709163
LCS 410-709163/2-A	Lab Control Sample	Total/NA	Solid	1633A	709163
LCSD 410-709163/3-A	Lab Control Sample Dup	Total/NA	Solid	1633A	709163
LLCS 410-709163/4-A	Lab Control Sample	Total/NA	Solid	1633A	709163

Metals

Prep Batch: 1065520

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
460-335806-1	58A_0-5	Total/NA	Solid	7471B	
460-335806-2	58A_5-10	Total/NA	Solid	7471B	
460-335806-3	58B_0-5	Total/NA	Solid	7471B	
460-335806-4	58B_5-10	Total/NA	Solid	7471B	
460-335806-5	58C_0-5	Total/NA	Solid	7471B	
460-335806-6	58C_5-10	Total/NA	Solid	7471B	
460-335806-7	58D_0-5	Total/NA	Solid	7471B	
MB 460-1065520/10-A	Method Blank	Total/NA	Solid	7471B	
LCSSRM 460-1065520/11-A	Lab Control Sample	Total/NA	Solid	7471B	
460-335744-D-1-D MS	Matrix Spike	Total/NA	Solid	7471B	
460-335744-D-1-C DU	Duplicate	Total/NA	Solid	7471B	

Prep Batch: 1065521

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
460-335806-8	58D_5-10	Total/NA	Solid	7471B	
460-335806-9	58E_0-5	Total/NA	Solid	7471B	
460-335806-10	58E_5-10	Total/NA	Solid	7471B	
460-335806-11	58F_0-5	Total/NA	Solid	7471B	
460-335806-12	58F_5-10	Total/NA	Solid	7471B	
460-335806-13	58G_0-5	Total/NA	Solid	7471B	
460-335806-14	58G_5-10	Total/NA	Solid	7471B	
460-335806-15	58H_0-5	Total/NA	Solid	7471B	
460-335806-16	58H_5-10	Total/NA	Solid	7471B	
460-335806-17	58I_0-5	Total/NA	Solid	7471B	
460-335806-18	58I_5-10	Total/NA	Solid	7471B	
460-335806-19	58J_0-5	Total/NA	Solid	7471B	
460-335806-20	58J_5-10	Total/NA	Solid	7471B	
MB 460-1065521/1-A	Method Blank	Total/NA	Solid	7471B	

Metals (Continued)

Prep Batch: 1065521 (Continued)

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
LCSSRM 460-1065521/2-A	Lab Control Sample	Total/NA	Solid	7471B	
460-335806-8 MS	58D_5-10	Total/NA	Solid	7471B	
460-335806-8 DU	58D_5-10	Total/NA	Solid	7471B	

Prep Batch: 1065581

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
460-335806-1	58A_0-5	Total/NA	Solid	3050B	
460-335806-2	58A_5-10	Total/NA	Solid	3050B	
460-335806-3	58B_0-5	Total/NA	Solid	3050B	
460-335806-4	58B_5-10	Total/NA	Solid	3050B	
460-335806-5	58C_0-5	Total/NA	Solid	3050B	
460-335806-6	58C_5-10	Total/NA	Solid	3050B	
460-335806-7	58D_0-5	Total/NA	Solid	3050B	
460-335806-8	58D_5-10	Total/NA	Solid	3050B	
460-335806-9	58E_0-5	Total/NA	Solid	3050B	
460-335806-10	58E_5-10	Total/NA	Solid	3050B	
460-335806-11	58F_0-5	Total/NA	Solid	3050B	
460-335806-12	58F_5-10	Total/NA	Solid	3050B	
460-335806-13	58G_0-5	Total/NA	Solid	3050B	
460-335806-14	58G_5-10	Total/NA	Solid	3050B	
460-335806-15	58H_0-5	Total/NA	Solid	3050B	
460-335806-16	58H_5-10	Total/NA	Solid	3050B	
460-335806-17	58I_0-5	Total/NA	Solid	3050B	
460-335806-18	58I_5-10	Total/NA	Solid	3050B	
460-335806-19	58J_0-5	Total/NA	Solid	3050B	
460-335806-20	58J_5-10	Total/NA	Solid	3050B	
MB 460-1065581/1-A	Method Blank	Total/NA	Solid	3050B	
460-335806-20 MS	58J_5-10	Total/NA	Solid	3050B	
460-335806-20 DU	58J_5-10	Total/NA	Solid	3050B	

Analysis Batch: 1065675

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
460-335806-1	58A_0-5	Total/NA	Solid	7471B	1065520
460-335806-2	58A_5-10	Total/NA	Solid	7471B	1065520
460-335806-3	58B_0-5	Total/NA	Solid	7471B	1065520
460-335806-4	58B_5-10	Total/NA	Solid	7471B	1065520
460-335806-5	58C_0-5	Total/NA	Solid	7471B	1065520
460-335806-6	58C_5-10	Total/NA	Solid	7471B	1065520
460-335806-7	58D_0-5	Total/NA	Solid	7471B	1065520
460-335806-8	58D_5-10	Total/NA	Solid	7471B	1065521
460-335806-9	58E_0-5	Total/NA	Solid	7471B	1065521
460-335806-10	58E_5-10	Total/NA	Solid	7471B	1065521
460-335806-11	58F_0-5	Total/NA	Solid	7471B	1065521
460-335806-12	58F_5-10	Total/NA	Solid	7471B	1065521
460-335806-13	58G_0-5	Total/NA	Solid	7471B	1065521
460-335806-14	58G_5-10	Total/NA	Solid	7471B	1065521
460-335806-15	58H_0-5	Total/NA	Solid	7471B	1065521
460-335806-16	58H_5-10	Total/NA	Solid	7471B	1065521
460-335806-17	58I_0-5	Total/NA	Solid	7471B	1065521
460-335806-18	58I_5-10	Total/NA	Solid	7471B	1065521
460-335806-19	58J_0-5	Total/NA	Solid	7471B	1065521

Metals (Continued)

Analysis Batch: 1065675 (Continued)

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
460-335806-20	58J_5-10	Total/NA	Solid	7471B	1065521
MB 460-1065520/10-A	Method Blank	Total/NA	Solid	7471B	1065520
MB 460-1065521/1-A	Method Blank	Total/NA	Solid	7471B	1065521
LCSSRM 460-1065520/11-A	Lab Control Sample	Total/NA	Solid	7471B	1065520
LCSSRM 460-1065521/2-A	Lab Control Sample	Total/NA	Solid	7471B	1065521
460-335744-D-1-D MS	Matrix Spike	Total/NA	Solid	7471B	1065520
460-335806-8 MS	58D_5-10	Total/NA	Solid	7471B	1065521
460-335744-D-1-C DU	Duplicate	Total/NA	Solid	7471B	1065520
460-335806-8 DU	58D_5-10	Total/NA	Solid	7471B	1065521

Analysis Batch: 1065734

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
460-335806-1	58A_0-5	Total/NA	Solid	6020B	1065581
460-335806-2	58A_5-10	Total/NA	Solid	6020B	1065581
460-335806-3	58B_0-5	Total/NA	Solid	6020B	1065581
460-335806-4	58B_5-10	Total/NA	Solid	6020B	1065581
460-335806-5	58C_0-5	Total/NA	Solid	6020B	1065581
460-335806-6	58C_5-10	Total/NA	Solid	6020B	1065581
460-335806-7	58D_0-5	Total/NA	Solid	6020B	1065581
460-335806-8	58D_5-10	Total/NA	Solid	6020B	1065581
460-335806-9	58E_0-5	Total/NA	Solid	6020B	1065581
460-335806-10	58E_5-10	Total/NA	Solid	6020B	1065581
460-335806-11	58F_0-5	Total/NA	Solid	6020B	1065581
460-335806-12	58F_5-10	Total/NA	Solid	6020B	1065581
460-335806-13	58G_0-5	Total/NA	Solid	6020B	1065581
460-335806-14	58G_5-10	Total/NA	Solid	6020B	1065581
460-335806-15	58H_0-5	Total/NA	Solid	6020B	1065581
460-335806-16	58H_5-10	Total/NA	Solid	6020B	1065581
460-335806-17	58I_0-5	Total/NA	Solid	6020B	1065581
460-335806-18	58I_5-10	Total/NA	Solid	6020B	1065581
460-335806-19	58J_0-5	Total/NA	Solid	6020B	1065581
460-335806-20	58J_5-10	Total/NA	Solid	6020B	1065581
MB 460-1065581/1-A	Method Blank	Total/NA	Solid	6020B	1065581
460-335806-20 MS	58J_5-10	Total/NA	Solid	6020B	1065581
460-335806-20 DU	58J_5-10	Total/NA	Solid	6020B	1065581

General Chemistry

Analysis Batch: 1064401

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
460-335806-21	58A1_1-2	Total/NA	Solid	Moisture	
460-335806-22	58A2_2-3	Total/NA	Solid	Moisture	
460-335806-23	58A3_3-4	Total/NA	Solid	Moisture	
460-335806-24	58A1_5-6	Total/NA	Solid	Moisture	
460-335806-25	58A2_6-7	Total/NA	Solid	Moisture	
460-335806-26	58A3_7-8	Total/NA	Solid	Moisture	
460-335806-27	58A2_9-10	Total/NA	Solid	Moisture	
460-335806-28	58B1_0-1	Total/NA	Solid	Moisture	
460-335806-29	58B2_2-3	Total/NA	Solid	Moisture	
460-335806-30	58B2_3-4	Total/NA	Solid	Moisture	
460-335806-31	58B1_4-5	Total/NA	Solid	Moisture	

General Chemistry (Continued)

Analysis Batch: 1064401 (Continued)

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
460-335806-32	58B2_5-6	Total/NA	Solid	Moisture	
460-335806-33	58B3_7-8	Total/NA	Solid	Moisture	
460-335806-34	58B2_9-10	Total/NA	Solid	Moisture	
460-335806-35	58C3_1-2	Total/NA	Solid	Moisture	
460-335806-36	58C2_2-3	Total/NA	Solid	Moisture	
460-335806-37	58C1_3-4	Total/NA	Solid	Moisture	
460-335806-38	58C3_5-6	Total/NA	Solid	Moisture	
460-335806-39	58C2_6-7	Total/NA	Solid	Moisture	
460-335806-40	58C1_7-8	Total/NA	Solid	Moisture	
460-335806-41	58C3_8-9	Total/NA	Solid	Moisture	
460-335806-42	58D1_1-2	Total/NA	Solid	Moisture	
460-335806-43	58D2_2-3	Total/NA	Solid	Moisture	
460-335806-44	58D3_4-5	Total/NA	Solid	Moisture	
460-335806-45	58D1_5-6	Total/NA	Solid	Moisture	
460-335806-46	58D2_6-7	Total/NA	Solid	Moisture	
460-335806-47	58D3_8-9	Total/NA	Solid	Moisture	
460-335806-48	58D3_9-10	Total/NA	Solid	Moisture	
460-335806-49	58E1_1-2	Total/NA	Solid	Moisture	
460-335806-50	58E2_2-3	Total/NA	Solid	Moisture	
460-335806-51	58E3_4-5	Total/NA	Solid	Moisture	
460-335806-52	58E1_5-6	Total/NA	Solid	Moisture	
460-335806-53	58E2_7-8	Total/NA	Solid	Moisture	
460-335806-54	58E3_8-9	Total/NA	Solid	Moisture	
460-335806-55	58E2_9-10	Total/NA	Solid	Moisture	
460-335806-56	58F1_1-2	Total/NA	Solid	Moisture	
460-335806-57	58F2_3-4	Total/NA	Solid	Moisture	
460-335806-58	58F3_4-5	Total/NA	Solid	Moisture	
460-335806-59	58F1_5-6	Total/NA	Solid	Moisture	
460-335806-60	58F2_7-8	Total/NA	Solid	Moisture	
460-335806-61	58F3_8-9	Total/NA	Solid	Moisture	
460-335806-62	58F1_9-10	Total/NA	Solid	Moisture	
460-335806-63	58G1_1-2	Total/NA	Solid	Moisture	
460-335806-64	58G2_3-4	Total/NA	Solid	Moisture	
460-335806-65	58G3_4-5	Total/NA	Solid	Moisture	
460-335806-66	58G1_5-6	Total/NA	Solid	Moisture	
460-335806-67	58G2_7-8	Total/NA	Solid	Moisture	
460-335806-68	58G3_9-10	Total/NA	Solid	Moisture	
460-335806-69	58G3_6-7	Total/NA	Solid	Moisture	
460-335806-70	58H1_2-3	Total/NA	Solid	Moisture	
460-335806-71	58H2_3-4	Total/NA	Solid	Moisture	
460-335806-72	58H3_1-2	Total/NA	Solid	Moisture	
460-335806-73	58H1_5-6	Total/NA	Solid	Moisture	
460-335806-74	58H2_6-7	Total/NA	Solid	Moisture	
460-335806-75	58H3_7-8	Total/NA	Solid	Moisture	
460-335806-76	58H1_9-10	Total/NA	Solid	Moisture	
460-335806-77	58I2_0-1	Total/NA	Solid	Moisture	
460-335806-78	58I1_1-2	Total/NA	Solid	Moisture	
460-335806-79	58I3_3-4	Total/NA	Solid	Moisture	
460-335806-80	58I2_4-5	Total/NA	Solid	Moisture	
460-335806-81	58I3_5-6	Total/NA	Solid	Moisture	
460-335806-82	58I1_7-8	Total/NA	Solid	Moisture	

General Chemistry (Continued)

Analysis Batch: 1064401 (Continued)

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
460-335806-83	58I2_9-10	Total/NA	Solid	Moisture	
460-335806-84	58J1_1-2	Total/NA	Solid	Moisture	
460-335806-85	58J2_2-3	Total/NA	Solid	Moisture	
460-335806-86	58J3_3-4	Total/NA	Solid	Moisture	
460-335806-87	58J1_5-6	Total/NA	Solid	Moisture	
460-335806-88	58J2_6-7	Total/NA	Solid	Moisture	
460-335806-89	58J3_7-8	Total/NA	Solid	Moisture	
460-335806-90	58J1_8-9	Total/NA	Solid	Moisture	
460-335381-A-22 MS	Matrix Spike	Total/NA	Solid	Moisture	
460-335381-A-22 MSD	Matrix Spike Duplicate	Total/NA	Solid	Moisture	
460-335652-D-6 MSS	Matrix Spike	Total/NA	Solid	Moisture	
460-335806-30 DU	58B2_3-4	Total/NA	Solid	Moisture	
460-335806-50 DU	58E2_2-3	Total/NA	Solid	Moisture	
460-335806-70 DU	58H1_2-3	Total/NA	Solid	Moisture	
460-335806-90 DU	58J1_8-9	Total/NA	Solid	Moisture	

Analysis Batch: 1065181

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
460-335806-1	58A_0-5	Total/NA	Solid	Moisture	
460-335806-2	58A_5-10	Total/NA	Solid	Moisture	
460-335806-3	58B_0-5	Total/NA	Solid	Moisture	
460-335806-4	58B_5-10	Total/NA	Solid	Moisture	
460-335806-5	58C_0-5	Total/NA	Solid	Moisture	
460-335806-6	58C_5-10	Total/NA	Solid	Moisture	
460-335806-7	58D_0-5	Total/NA	Solid	Moisture	
460-335806-8	58D_5-10	Total/NA	Solid	Moisture	
460-335806-9	58E_0-5	Total/NA	Solid	Moisture	
460-335806-10	58E_5-10	Total/NA	Solid	Moisture	
460-335806-11	58F_0-5	Total/NA	Solid	Moisture	
460-335806-12	58F_5-10	Total/NA	Solid	Moisture	
460-335806-13	58G_0-5	Total/NA	Solid	Moisture	
460-335806-14	58G_5-10	Total/NA	Solid	Moisture	
460-335806-15	58H_0-5	Total/NA	Solid	Moisture	
460-335806-16	58H_5-10	Total/NA	Solid	Moisture	
460-335806-17	58I_0-5	Total/NA	Solid	Moisture	
460-335806-18	58I_5-10	Total/NA	Solid	Moisture	
460-335806-19	58J_0-5	Total/NA	Solid	Moisture	
460-335806-20	58J_5-10	Total/NA	Solid	Moisture	
460-335806-2 DU	58A_5-10	Total/NA	Solid	Moisture	

Lab Chronicle

Client: Haley & Aldrich, Inc.
Project/Site: Former Port Mobil

Job ID: 460-335806-1

Client Sample ID: 58A_0-5
Date Collected: 09/26/25 08:00
Date Received: 09/26/25 16:20

Lab Sample ID: 460-335806-1
Matrix: Solid

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Analysis	Moisture		1	1065181	CJC	EET EDI	10/01/25 18:45

Client Sample ID: 58A_0-5
Date Collected: 09/26/25 08:00
Date Received: 09/26/25 16:20

Lab Sample ID: 460-335806-1
Matrix: Solid
Percent Solids: 92.5

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Prep	3546			1064230	GXY	EET EDI	09/27/25 15:56
Total/NA	Analysis	8270E		1	1064281	YAH	EET EDI	09/28/25 07:22
Total/NA	Prep	3546			1064250	ZXB	EET EDI	09/27/25 19:17
Total/NA	Analysis	8081B		1	1064305	FAM	EET EDI	09/28/25 15:26
Total/NA	Prep	3546			1064249	ZXB	EET EDI	09/27/25 19:15
Total/NA	Analysis	8082A		1	1064298	AAA	EET EDI	09/28/25 10:02
Total/NA	Prep	1633A Shake			709163	D5RZ	ELLE	10/04/25 05:49
Total/NA	Analysis	1633A		1	709339	P7EB	ELLE	10/05/25 22:46
Total/NA	Prep	3050B			1065581	FBT	EET EDI	10/03/25 07:27
Total/NA	Analysis	6020B		1	1065734	LBD	EET EDI	10/03/25 21:35
Total/NA	Prep	7471B			1065520	TJS	EET EDI	10/03/25 01:44
Total/NA	Analysis	7471B		1	1065675	LBD	EET EDI	10/03/25 09:54

Client Sample ID: 58A_5-10
Date Collected: 09/26/25 08:05
Date Received: 09/26/25 16:20

Lab Sample ID: 460-335806-2
Matrix: Solid

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Analysis	Moisture		1	1065181	CJC	EET EDI	10/01/25 18:45

Client Sample ID: 58A_5-10
Date Collected: 09/26/25 08:05
Date Received: 09/26/25 16:20

Lab Sample ID: 460-335806-2
Matrix: Solid
Percent Solids: 89.8

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Prep	3546			1064230	GXY	EET EDI	09/27/25 15:56
Total/NA	Analysis	8270E		1	1064281	YAH	EET EDI	09/28/25 08:36
Total/NA	Prep	3546			1064250	ZXB	EET EDI	09/27/25 19:17
Total/NA	Analysis	8081B		1	1064305	FAM	EET EDI	09/28/25 15:39
Total/NA	Prep	3546			1064249	ZXB	EET EDI	09/27/25 19:15
Total/NA	Analysis	8082A		1	1064298	AAA	EET EDI	09/28/25 10:24
Total/NA	Prep	1633A Shake			709163	D5RZ	ELLE	10/04/25 05:49
Total/NA	Analysis	1633A		1	709339	P7EB	ELLE	10/05/25 22:59
Total/NA	Prep	3050B			1065581	FBT	EET EDI	10/03/25 07:27
Total/NA	Analysis	6020B		1	1065734	LBD	EET EDI	10/03/25 21:40
Total/NA	Prep	7471B			1065520	TJS	EET EDI	10/03/25 01:44
Total/NA	Analysis	7471B		1	1065675	LBD	EET EDI	10/03/25 09:57

Lab Chronicle

Client: Haley & Aldrich, Inc.
Project/Site: Former Port Mobil

Job ID: 460-335806-1

Client Sample ID: 58B_0-5
Date Collected: 09/26/25 08:10
Date Received: 09/26/25 16:20

Lab Sample ID: 460-335806-3
Matrix: Solid

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Analysis	Moisture		1	1065181	CJC	EET EDI	10/01/25 18:45

Client Sample ID: 58B_0-5
Date Collected: 09/26/25 08:10
Date Received: 09/26/25 16:20

Lab Sample ID: 460-335806-3
Matrix: Solid
Percent Solids: 95.8

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Prep	3546			1064230	GXY	EET EDI	09/27/25 15:56
Total/NA	Analysis	8270E		1	1064281	YAH	EET EDI	09/28/25 09:01
Total/NA	Prep	3546			1064250	ZXB	EET EDI	09/27/25 19:17
Total/NA	Analysis	8081B		1	1064305	FAM	EET EDI	09/28/25 15:53
Total/NA	Prep	3546			1064249	ZXB	EET EDI	09/27/25 19:15
Total/NA	Analysis	8082A		1	1064298	AAA	EET EDI	09/28/25 10:47
Total/NA	Prep	1633A Shake			709163	D5RZ	ELLE	10/04/25 05:49
Total/NA	Analysis	1633A		1	709339	P7EB	ELLE	10/05/25 23:13
Total/NA	Prep	3050B			1065581	FBT	EET EDI	10/03/25 07:27
Total/NA	Analysis	6020B		1	1065734	LBD	EET EDI	10/03/25 21:49
Total/NA	Prep	7471B			1065520	TJS	EET EDI	10/03/25 01:44
Total/NA	Analysis	7471B		1	1065675	LBD	EET EDI	10/03/25 10:06

Client Sample ID: 58B_5-10
Date Collected: 09/26/25 08:15
Date Received: 09/26/25 16:20

Lab Sample ID: 460-335806-4
Matrix: Solid

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Analysis	Moisture		1	1065181	CJC	EET EDI	10/01/25 18:45

Client Sample ID: 58B_5-10
Date Collected: 09/26/25 08:15
Date Received: 09/26/25 16:20

Lab Sample ID: 460-335806-4
Matrix: Solid
Percent Solids: 94.7

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Prep	3546			1064230	GXY	EET EDI	09/27/25 15:56
Total/NA	Analysis	8270E		1	1064281	YAH	EET EDI	09/28/25 09:25
Total/NA	Prep	3546			1064250	ZXB	EET EDI	09/27/25 19:17
Total/NA	Analysis	8081B		1	1064305	FAM	EET EDI	09/28/25 16:06
Total/NA	Prep	3546			1064249	ZXB	EET EDI	09/27/25 19:15
Total/NA	Analysis	8082A		1	1064298	AAA	EET EDI	09/28/25 11:09
Total/NA	Prep	1633A Shake			709163	D5RZ	ELLE	10/04/25 05:49
Total/NA	Analysis	1633A		1	709339	P7EB	ELLE	10/05/25 23:27
Total/NA	Prep	3050B			1065581	FBT	EET EDI	10/03/25 07:27
Total/NA	Analysis	6020B		1	1065734	LBD	EET EDI	10/03/25 21:52
Total/NA	Prep	7471B			1065520	TJS	EET EDI	10/03/25 01:44
Total/NA	Analysis	7471B		1	1065675	LBD	EET EDI	10/03/25 10:09

Lab Chronicle

Client: Haley & Aldrich, Inc.
Project/Site: Former Port Mobil

Job ID: 460-335806-1

Client Sample ID: 58C_0-5
Date Collected: 09/26/25 08:20
Date Received: 09/26/25 16:20

Lab Sample ID: 460-335806-5
Matrix: Solid

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Analysis	Moisture		1	1065181	CJC	EET EDI	10/01/25 18:45

Client Sample ID: 58C_0-5
Date Collected: 09/26/25 08:20
Date Received: 09/26/25 16:20

Lab Sample ID: 460-335806-5
Matrix: Solid
Percent Solids: 89.9

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Prep	3546			1064230	GXY	EET EDI	09/27/25 15:56
Total/NA	Analysis	8270E		1	1064281	YAH	EET EDI	09/28/25 09:50
Total/NA	Prep	3546			1064250	ZXB	EET EDI	09/27/25 19:17
Total/NA	Analysis	8081B		1	1064305	FAM	EET EDI	09/28/25 16:19
Total/NA	Prep	3546			1064249	ZXB	EET EDI	09/27/25 19:15
Total/NA	Analysis	8082A		1	1064298	AAA	EET EDI	09/28/25 11:32
Total/NA	Prep	1633A Shake			709163	D5RZ	ELLE	10/04/25 05:49
Total/NA	Analysis	1633A		1	709339	P7EB	ELLE	10/05/25 23:40
Total/NA	Prep	3050B			1065581	FBT	EET EDI	10/03/25 07:27
Total/NA	Analysis	6020B		1	1065734	LBD	EET EDI	10/03/25 21:55
Total/NA	Prep	7471B			1065520	TJS	EET EDI	10/03/25 01:44
Total/NA	Analysis	7471B		1	1065675	LBD	EET EDI	10/03/25 10:12

Client Sample ID: 58C_5-10
Date Collected: 09/26/25 08:25
Date Received: 09/26/25 16:20

Lab Sample ID: 460-335806-6
Matrix: Solid

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Analysis	Moisture		1	1065181	CJC	EET EDI	10/01/25 18:45

Client Sample ID: 58C_5-10
Date Collected: 09/26/25 08:25
Date Received: 09/26/25 16:20

Lab Sample ID: 460-335806-6
Matrix: Solid
Percent Solids: 86.6

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Prep	3546			1064230	GXY	EET EDI	09/27/25 15:56
Total/NA	Analysis	8270E		1	1064281	YAH	EET EDI	09/28/25 10:14
Total/NA	Prep	3546			1064250	ZXB	EET EDI	09/27/25 19:17
Total/NA	Analysis	8081B		1	1064305	FAM	EET EDI	09/28/25 16:32
Total/NA	Prep	3546			1064249	ZXB	EET EDI	09/27/25 19:15
Total/NA	Analysis	8082A		1	1064298	AAA	EET EDI	09/28/25 11:54
Total/NA	Prep	1633A Shake			709163	D5RZ	ELLE	10/04/25 05:49
Total/NA	Analysis	1633A		1	709339	P7EB	ELLE	10/05/25 23:54
Total/NA	Prep	3050B			1065581	FBT	EET EDI	10/03/25 07:27
Total/NA	Analysis	6020B		1	1065734	LBD	EET EDI	10/03/25 21:57
Total/NA	Prep	7471B			1065520	TJS	EET EDI	10/03/25 01:44
Total/NA	Analysis	7471B		1	1065675	LBD	EET EDI	10/03/25 10:14

Lab Chronicle

Client: Haley & Aldrich, Inc.
Project/Site: Former Port Mobil

Job ID: 460-335806-1

Client Sample ID: 58D_0-5
Date Collected: 09/26/25 08:30
Date Received: 09/26/25 16:20

Lab Sample ID: 460-335806-7
Matrix: Solid

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Analysis	Moisture		1	1065181	CJC	EET EDI	10/01/25 18:45

Client Sample ID: 58D_0-5
Date Collected: 09/26/25 08:30
Date Received: 09/26/25 16:20

Lab Sample ID: 460-335806-7
Matrix: Solid
Percent Solids: 96.8

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Prep	3546			1064230	GXY	EET EDI	09/27/25 15:56
Total/NA	Analysis	8270E		1	1064281	YAH	EET EDI	09/28/25 10:39
Total/NA	Prep	3546			1064250	ZXB	EET EDI	09/27/25 19:17
Total/NA	Analysis	8081B		1	1064305	FAM	EET EDI	09/28/25 16:45
Total/NA	Prep	3546			1064249	ZXB	EET EDI	09/27/25 19:15
Total/NA	Analysis	8082A		1	1064298	AAA	EET EDI	09/28/25 12:17
Total/NA	Prep	1633A Shake			709163	D5RZ	ELLE	10/04/25 05:49
Total/NA	Analysis	1633A		1	709339	P7EB	ELLE	10/06/25 00:08
Total/NA	Prep	3050B			1065581	FBT	EET EDI	10/03/25 07:27
Total/NA	Analysis	6020B		1	1065734	LBD	EET EDI	10/03/25 22:00
Total/NA	Prep	7471B			1065520	TJS	EET EDI	10/03/25 01:44
Total/NA	Analysis	7471B		1	1065675	LBD	EET EDI	10/03/25 10:17

Client Sample ID: 58D_5-10
Date Collected: 09/26/25 08:35
Date Received: 09/26/25 16:20

Lab Sample ID: 460-335806-8
Matrix: Solid

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Analysis	Moisture		1	1065181	CJC	EET EDI	10/01/25 18:45

Client Sample ID: 58D_5-10
Date Collected: 09/26/25 08:35
Date Received: 09/26/25 16:20

Lab Sample ID: 460-335806-8
Matrix: Solid
Percent Solids: 95.7

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Prep	3546			1064230	GXY	EET EDI	09/27/25 15:56
Total/NA	Analysis	8270E		1	1064281	YAH	EET EDI	09/28/25 11:03
Total/NA	Prep	3546			1064250	ZXB	EET EDI	09/27/25 19:17
Total/NA	Analysis	8081B		1	1064305	FAM	EET EDI	09/28/25 16:58
Total/NA	Prep	3546			1064249	ZXB	EET EDI	09/27/25 19:15
Total/NA	Analysis	8082A		1	1064298	AAA	EET EDI	09/28/25 12:39
Total/NA	Prep	1633A Shake			709163	D5RZ	ELLE	10/04/25 05:49
Total/NA	Analysis	1633A		1	709339	P7EB	ELLE	10/06/25 00:21
Total/NA	Prep	3050B			1065581	FBT	EET EDI	10/03/25 07:27
Total/NA	Analysis	6020B		1	1065734	LBD	EET EDI	10/03/25 22:03
Total/NA	Prep	7471B			1065521	TJS	EET EDI	10/03/25 02:15
Total/NA	Analysis	7471B		1	1065675	LBD	EET EDI	10/03/25 10:26

Lab Chronicle

Client: Haley & Aldrich, Inc.
Project/Site: Former Port Mobil

Job ID: 460-335806-1

Client Sample ID: 58E_0-5
Date Collected: 09/26/25 08:40
Date Received: 09/26/25 16:20

Lab Sample ID: 460-335806-9
Matrix: Solid

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Analysis	Moisture		1	1065181	CJC	EET EDI	10/01/25 18:45

Client Sample ID: 58E_0-5
Date Collected: 09/26/25 08:40
Date Received: 09/26/25 16:20

Lab Sample ID: 460-335806-9
Matrix: Solid
Percent Solids: 92.9

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Prep	3546			1064230	GXY	EET EDI	09/27/25 15:56
Total/NA	Analysis	8270E		1	1064281	YAH	EET EDI	09/28/25 11:28
Total/NA	Prep	3546			1064250	ZXB	EET EDI	09/27/25 19:17
Total/NA	Analysis	8081B		1	1064305	FAM	EET EDI	09/28/25 17:11
Total/NA	Prep	3546			1064249	ZXB	EET EDI	09/27/25 19:15
Total/NA	Analysis	8082A		1	1064298	AAA	EET EDI	09/28/25 13:02
Total/NA	Prep	1633A Shake			709163	D5RZ	ELLE	10/04/25 05:49
Total/NA	Analysis	1633A		1	709339	P7EB	ELLE	10/06/25 00:35
Total/NA	Prep	3050B			1065581	FBT	EET EDI	10/03/25 07:27
Total/NA	Analysis	6020B		1	1065734	LBD	EET EDI	10/03/25 22:06
Total/NA	Prep	7471B			1065521	TJS	EET EDI	10/03/25 02:15
Total/NA	Analysis	7471B		1	1065675	LBD	EET EDI	10/03/25 10:43

Client Sample ID: 58E_5-10
Date Collected: 09/26/25 08:45
Date Received: 09/26/25 16:20

Lab Sample ID: 460-335806-10
Matrix: Solid

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Analysis	Moisture		1	1065181	CJC	EET EDI	10/01/25 18:45

Client Sample ID: 58E_5-10
Date Collected: 09/26/25 08:45
Date Received: 09/26/25 16:20

Lab Sample ID: 460-335806-10
Matrix: Solid
Percent Solids: 88.7

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Prep	3546			1064230	GXY	EET EDI	09/27/25 15:56
Total/NA	Analysis	8270E		1	1064281	YAH	EET EDI	09/28/25 11:53
Total/NA	Prep	3546			1064250	ZXB	EET EDI	09/27/25 19:17
Total/NA	Analysis	8081B		1	1064305	FAM	EET EDI	09/28/25 17:24
Total/NA	Prep	3546			1064249	ZXB	EET EDI	09/27/25 19:15
Total/NA	Analysis	8082A		1	1064298	AAA	EET EDI	09/28/25 13:24
Total/NA	Prep	1633A Shake			709163	D5RZ	ELLE	10/04/25 05:49
Total/NA	Analysis	1633A		1	709339	P7EB	ELLE	10/06/25 00:48
Total/NA	Prep	3050B			1065581	FBT	EET EDI	10/03/25 07:27
Total/NA	Analysis	6020B		1	1065734	LBD	EET EDI	10/03/25 22:09
Total/NA	Prep	7471B			1065521	TJS	EET EDI	10/03/25 02:15
Total/NA	Analysis	7471B		1	1065675	LBD	EET EDI	10/03/25 10:46

Lab Chronicle

Client: Haley & Aldrich, Inc.
Project/Site: Former Port Mobil

Job ID: 460-335806-1

Client Sample ID: 58F_0-5
Date Collected: 09/26/25 09:00
Date Received: 09/26/25 16:20

Lab Sample ID: 460-335806-11
Matrix: Solid

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Analysis	Moisture		1	1065181	CJC	EET EDI	10/01/25 18:45

Client Sample ID: 58F_0-5
Date Collected: 09/26/25 09:00
Date Received: 09/26/25 16:20

Lab Sample ID: 460-335806-11
Matrix: Solid
Percent Solids: 89.2

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Prep	3546			1064230	GXY	EET EDI	09/27/25 15:56
Total/NA	Analysis	8270E		1	1064281	YAH	EET EDI	09/28/25 12:17
Total/NA	Prep	3546			1064250	ZXB	EET EDI	09/27/25 19:17
Total/NA	Analysis	8081B		1	1064305	FAM	EET EDI	09/28/25 17:37
Total/NA	Prep	3546			1064249	ZXB	EET EDI	09/27/25 19:15
Total/NA	Analysis	8082A		1	1064298	AAA	EET EDI	09/28/25 13:47
Total/NA	Prep	1633A Shake			709163	D5RZ	ELLE	10/04/25 05:49
Total/NA	Analysis	1633A		1	709339	P7EB	ELLE	10/06/25 01:29
Total/NA	Prep	3050B			1065581	FBT	EET EDI	10/03/25 07:27
Total/NA	Analysis	6020B		1	1065734	LBD	EET EDI	10/03/25 22:14
Total/NA	Prep	7471B			1065521	TJS	EET EDI	10/03/25 02:15
Total/NA	Analysis	7471B		1	1065675	LBD	EET EDI	10/03/25 10:49

Client Sample ID: 58F_5-10
Date Collected: 09/26/25 09:05
Date Received: 09/26/25 16:20

Lab Sample ID: 460-335806-12
Matrix: Solid

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Analysis	Moisture		1	1065181	CJC	EET EDI	10/01/25 18:45

Client Sample ID: 58F_5-10
Date Collected: 09/26/25 09:05
Date Received: 09/26/25 16:20

Lab Sample ID: 460-335806-12
Matrix: Solid
Percent Solids: 86.8

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Prep	3546			1064230	GXY	EET EDI	09/27/25 15:56
Total/NA	Analysis	8270E		1	1064281	YAH	EET EDI	09/28/25 12:42
Total/NA	Prep	3546			1064250	ZXB	EET EDI	09/27/25 19:17
Total/NA	Analysis	8081B		1	1064305	FAM	EET EDI	09/28/25 17:50
Total/NA	Prep	3546			1064249	ZXB	EET EDI	09/27/25 19:15
Total/NA	Analysis	8082A		1	1064298	AAA	EET EDI	09/28/25 14:09
Total/NA	Prep	1633A Shake			709163	D5RZ	ELLE	10/04/25 05:49
Total/NA	Analysis	1633A		1	709339	P7EB	ELLE	10/06/25 01:43
Total/NA	Prep	3050B			1065581	FBT	EET EDI	10/03/25 07:27
Total/NA	Analysis	6020B		1	1065734	LBD	EET EDI	10/03/25 22:23
Total/NA	Prep	7471B			1065521	TJS	EET EDI	10/03/25 02:15
Total/NA	Analysis	7471B		1	1065675	LBD	EET EDI	10/03/25 10:52

Client Sample ID: 58G_0-5
Date Collected: 09/26/25 09:10
Date Received: 09/26/25 16:20

Lab Sample ID: 460-335806-13
Matrix: Solid

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Analysis	Moisture		1	1065181	CJC	EET EDI	10/01/25 18:45

Client Sample ID: 58G_0-5
Date Collected: 09/26/25 09:10
Date Received: 09/26/25 16:20

Lab Sample ID: 460-335806-13
Matrix: Solid
Percent Solids: 88.9

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Prep	3546			1064230	GXY	EET EDI	09/27/25 15:56
Total/NA	Analysis	8270E		1	1064281	YAH	EET EDI	09/28/25 13:06
Total/NA	Prep	3546			1064250	ZXB	EET EDI	09/27/25 19:17
Total/NA	Analysis	8081B		1	1064305	FAM	EET EDI	09/28/25 18:03
Total/NA	Prep	3546			1064249	ZXB	EET EDI	09/27/25 19:15
Total/NA	Analysis	8082A		1	1064298	AAA	EET EDI	09/28/25 14:31
Total/NA	Prep	1633A Shake			709163	D5RZ	ELLE	10/04/25 05:49
Total/NA	Analysis	1633A		1	709339	P7EB	ELLE	10/06/25 01:56
Total/NA	Prep	3050B			1065581	FBT	EET EDI	10/03/25 07:27
Total/NA	Analysis	6020B		1	1065734	LBD	EET EDI	10/03/25 22:26
Total/NA	Prep	7471B			1065521	TJS	EET EDI	10/03/25 02:15
Total/NA	Analysis	7471B		1	1065675	LBD	EET EDI	10/03/25 10:55

Client Sample ID: 58G_5-10
Date Collected: 09/26/25 09:15
Date Received: 09/26/25 16:20

Lab Sample ID: 460-335806-14
Matrix: Solid

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Analysis	Moisture		1	1065181	CJC	EET EDI	10/01/25 18:45

Client Sample ID: 58G_5-10
Date Collected: 09/26/25 09:15
Date Received: 09/26/25 16:20

Lab Sample ID: 460-335806-14
Matrix: Solid
Percent Solids: 90.3

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Prep	3546			1064230	GXY	EET EDI	09/27/25 15:56
Total/NA	Analysis	8270E		1	1064281	YAH	EET EDI	09/28/25 13:31
Total/NA	Prep	3546			1064250	ZXB	EET EDI	09/27/25 19:17
Total/NA	Analysis	8081B		1	1064305	FAM	EET EDI	09/28/25 18:16
Total/NA	Prep	3546			1064249	ZXB	EET EDI	09/27/25 19:15
Total/NA	Analysis	8082A		1	1064298	AAA	EET EDI	09/28/25 14:54
Total/NA	Prep	1633A Shake			709163	D5RZ	ELLE	10/04/25 05:49
Total/NA	Analysis	1633A		1	709339	P7EB	ELLE	10/06/25 02:10
Total/NA	Prep	3050B			1065581	FBT	EET EDI	10/03/25 07:27
Total/NA	Analysis	6020B		1	1065734	LBD	EET EDI	10/03/25 22:28
Total/NA	Prep	7471B			1065521	TJS	EET EDI	10/03/25 02:15
Total/NA	Analysis	7471B		1	1065675	LBD	EET EDI	10/03/25 10:58

Client Sample ID: 58H_0-5
Date Collected: 09/26/25 09:20
Date Received: 09/26/25 16:20

Lab Sample ID: 460-335806-15
Matrix: Solid

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Analysis	Moisture		1	1065181	CJC	EET EDI	10/01/25 18:45

Client Sample ID: 58H_0-5
Date Collected: 09/26/25 09:20
Date Received: 09/26/25 16:20

Lab Sample ID: 460-335806-15
Matrix: Solid
Percent Solids: 92.4

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Prep	3546			1064230	GXY	EET EDI	09/27/25 15:56
Total/NA	Analysis	8270E		1	1064281	YAH	EET EDI	09/28/25 13:55
Total/NA	Prep	3546			1064250	ZXB	EET EDI	09/27/25 19:17
Total/NA	Analysis	8081B		1	1064305	FAM	EET EDI	09/28/25 18:29
Total/NA	Prep	3546			1064249	ZXB	EET EDI	09/27/25 19:15
Total/NA	Analysis	8082A		1	1064298	AAA	EET EDI	09/28/25 15:16
Total/NA	Prep	1633A Shake			709163	D5RZ	ELLE	10/04/25 05:49
Total/NA	Analysis	1633A		1	709339	P7EB	ELLE	10/06/25 02:24
Total/NA	Prep	3050B			1065581	FBT	EET EDI	10/03/25 07:27
Total/NA	Analysis	6020B		1	1065734	LBD	EET EDI	10/03/25 22:31
Total/NA	Prep	7471B			1065521	TJS	EET EDI	10/03/25 02:15
Total/NA	Analysis	7471B		1	1065675	LBD	EET EDI	10/03/25 11:01

Client Sample ID: 58H_5-10
Date Collected: 09/26/25 09:25
Date Received: 09/26/25 16:20

Lab Sample ID: 460-335806-16
Matrix: Solid

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Analysis	Moisture		1	1065181	CJC	EET EDI	10/01/25 18:45

Client Sample ID: 58H_5-10
Date Collected: 09/26/25 09:25
Date Received: 09/26/25 16:20

Lab Sample ID: 460-335806-16
Matrix: Solid
Percent Solids: 90.6

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Prep	3546			1064131	BJB	EET EDI	09/27/25 07:27
Total/NA	Analysis	8270E		1	1064171	YAH	EET EDI	09/27/25 16:26
Total/NA	Prep	3546			1064250	ZXB	EET EDI	09/27/25 19:17
Total/NA	Analysis	8081B		1	1064305	FAM	EET EDI	09/28/25 18:42
Total/NA	Prep	3546			1064249	ZXB	EET EDI	09/27/25 19:15
Total/NA	Analysis	8082A		1	1064298	AAA	EET EDI	09/28/25 15:39
Total/NA	Prep	1633A Shake			709163	D5RZ	ELLE	10/04/25 05:49
Total/NA	Analysis	1633A		1	709339	P7EB	ELLE	10/06/25 02:37
Total/NA	Prep	3050B			1065581	FBT	EET EDI	10/03/25 07:27
Total/NA	Analysis	6020B		1	1065734	LBD	EET EDI	10/03/25 22:34
Total/NA	Prep	7471B			1065521	TJS	EET EDI	10/03/25 02:15
Total/NA	Analysis	7471B		1	1065675	LBD	EET EDI	10/03/25 11:03

Client Sample ID: 58I_0-5
Date Collected: 09/26/25 09:30
Date Received: 09/26/25 16:20

Lab Sample ID: 460-335806-17
Matrix: Solid

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Analysis	Moisture		1	1065181	CJC	EET EDI	10/01/25 18:45

Client Sample ID: 58I_0-5
Date Collected: 09/26/25 09:30
Date Received: 09/26/25 16:20

Lab Sample ID: 460-335806-17
Matrix: Solid
Percent Solids: 90.7

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Prep	3546			1064131	BJB	EET EDI	09/27/25 07:27
Total/NA	Analysis	8270E		1	1064171	YAH	EET EDI	09/27/25 16:43
Total/NA	Prep	3546			1064250	ZXB	EET EDI	09/27/25 19:17
Total/NA	Analysis	8081B		1	1064403	FAM	EET EDI	09/29/25 13:35
Total/NA	Prep	3546			1064249	ZXB	EET EDI	09/27/25 19:15
Total/NA	Analysis	8082A		1	1064298	AAA	EET EDI	09/28/25 16:01
Total/NA	Prep	1633A Shake			709163	D5RZ	ELLE	10/04/25 05:49
Total/NA	Analysis	1633A		1	709339	P7EB	ELLE	10/06/25 02:51
Total/NA	Prep	3050B			1065581	FBT	EET EDI	10/03/25 07:27
Total/NA	Analysis	6020B		1	1065734	LBD	EET EDI	10/03/25 22:37
Total/NA	Prep	7471B			1065521	TJS	EET EDI	10/03/25 02:15
Total/NA	Analysis	7471B		1	1065675	LBD	EET EDI	10/03/25 11:06

Client Sample ID: 58I_5-10
Date Collected: 09/26/25 09:35
Date Received: 09/26/25 16:20

Lab Sample ID: 460-335806-18
Matrix: Solid

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Analysis	Moisture		1	1065181	CJC	EET EDI	10/01/25 18:45

Client Sample ID: 58I_5-10
Date Collected: 09/26/25 09:35
Date Received: 09/26/25 16:20

Lab Sample ID: 460-335806-18
Matrix: Solid
Percent Solids: 90.0

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Prep	3546			1064131	BJB	EET EDI	09/27/25 07:27
Total/NA	Analysis	8270E		1	1064171	YAH	EET EDI	09/27/25 17:01
Total/NA	Prep	3546			1064250	ZXB	EET EDI	09/27/25 19:17
Total/NA	Analysis	8081B		1	1064403	FAM	EET EDI	09/29/25 13:48
Total/NA	Prep	3546			1064249	ZXB	EET EDI	09/27/25 19:15
Total/NA	Analysis	8082A		1	1064298	AAA	EET EDI	09/28/25 16:24
Total/NA	Prep	1633A Shake			709163	D5RZ	ELLE	10/04/25 05:49
Total/NA	Analysis	1633A		1	709339	P7EB	ELLE	10/06/25 03:05
Total/NA	Prep	3050B			1065581	FBT	EET EDI	10/03/25 07:27
Total/NA	Analysis	6020B		1	1065734	LBD	EET EDI	10/03/25 22:40
Total/NA	Prep	7471B			1065521	TJS	EET EDI	10/03/25 02:15
Total/NA	Analysis	7471B		1	1065675	LBD	EET EDI	10/03/25 11:15

Lab Chronicle

Client: Haley & Aldrich, Inc.
Project/Site: Former Port Mobil

Job ID: 460-335806-1

Client Sample ID: 58J_0-5
Date Collected: 09/26/25 09:40
Date Received: 09/26/25 16:20

Lab Sample ID: 460-335806-19
Matrix: Solid

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Analysis	Moisture		1	1065181	CJC	EET EDI	10/01/25 18:45

Client Sample ID: 58J_0-5
Date Collected: 09/26/25 09:40
Date Received: 09/26/25 16:20

Lab Sample ID: 460-335806-19
Matrix: Solid
Percent Solids: 93.5

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Prep	3546			1064131	BJB	EET EDI	09/27/25 07:27
Total/NA	Analysis	8270E		1	1064171	YAH	EET EDI	09/27/25 17:18
Total/NA	Prep	3546			1064250	ZXB	EET EDI	09/27/25 19:17
Total/NA	Analysis	8081B		1	1064403	FAM	EET EDI	09/29/25 14:00
Total/NA	Prep	3546			1064249	ZXB	EET EDI	09/27/25 19:15
Total/NA	Analysis	8082A		1	1064586	JHP	EET EDI	09/30/25 00:14
Total/NA	Prep	1633A Shake			709163	D5RZ	ELLE	10/04/25 05:49
Total/NA	Analysis	1633A		1	709339	P7EB	ELLE	10/06/25 03:18
Total/NA	Prep	3050B			1065581	FBT	EET EDI	10/03/25 07:27
Total/NA	Analysis	6020B		1	1065734	LBD	EET EDI	10/03/25 22:45
Total/NA	Prep	7471B			1065521	TJS	EET EDI	10/03/25 02:15
Total/NA	Analysis	7471B		1	1065675	LBD	EET EDI	10/03/25 11:18

Client Sample ID: 58J_5-10
Date Collected: 09/26/25 09:45
Date Received: 09/26/25 16:20

Lab Sample ID: 460-335806-20
Matrix: Solid

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Analysis	Moisture		1	1065181	CJC	EET EDI	10/01/25 18:45

Client Sample ID: 58J_5-10
Date Collected: 09/26/25 09:45
Date Received: 09/26/25 16:20

Lab Sample ID: 460-335806-20
Matrix: Solid
Percent Solids: 93.3

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Prep	3546			1064131	BJB	EET EDI	09/27/25 07:27
Total/NA	Analysis	8270E		1	1064171	YAH	EET EDI	09/27/25 17:36
Total/NA	Prep	3546			1064250	ZXB	EET EDI	09/27/25 19:17
Total/NA	Analysis	8081B		1	1064403	FAM	EET EDI	09/29/25 14:12
Total/NA	Prep	3546			1064249	ZXB	EET EDI	09/27/25 19:15
Total/NA	Analysis	8082A		1	1064586	JHP	EET EDI	09/30/25 00:36
Total/NA	Prep	1633A Shake			709163	D5RZ	ELLE	10/04/25 05:49
Total/NA	Analysis	1633A		1	709339	P7EB	ELLE	10/06/25 03:32
Total/NA	Prep	3050B			1065581	FBT	EET EDI	10/03/25 07:27
Total/NA	Analysis	6020B		1	1065734	LBD	EET EDI	10/03/25 21:29
Total/NA	Prep	7471B			1065521	TJS	EET EDI	10/03/25 02:15
Total/NA	Analysis	7471B		1	1065675	LBD	EET EDI	10/03/25 11:21

Lab Chronicle

Client: Haley & Aldrich, Inc.
Project/Site: Former Port Mobil

Job ID: 460-335806-1

Client Sample ID: 58A1_1-2
Date Collected: 09/26/25 10:00
Date Received: 09/26/25 16:20

Lab Sample ID: 460-335806-21
Matrix: Solid

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Analysis	Moisture		1	1064401	CJC	EET EDI	09/28/25 21:11

Client Sample ID: 58A1_1-2
Date Collected: 09/26/25 10:00
Date Received: 09/26/25 16:20

Lab Sample ID: 460-335806-21
Matrix: Solid
Percent Solids: 90.9

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Prep	5035			1064517	JCZ	EET EDI	09/29/25 09:43
Total/NA	Analysis	8260D		1	1065636	AAT	EET EDI	10/03/25 22:15

Client Sample ID: 58A2_2-3
Date Collected: 09/26/25 10:05
Date Received: 09/26/25 16:20

Lab Sample ID: 460-335806-22
Matrix: Solid

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Analysis	Moisture		1	1064401	CJC	EET EDI	09/28/25 21:11

Client Sample ID: 58A2_2-3
Date Collected: 09/26/25 10:05
Date Received: 09/26/25 16:20

Lab Sample ID: 460-335806-22
Matrix: Solid
Percent Solids: 90.1

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Prep	5035			1064517	JCZ	EET EDI	09/29/25 09:43
Total/NA	Analysis	8260D		1	1065636	AAT	EET EDI	10/03/25 22:39

Client Sample ID: 58A3_3-4
Date Collected: 09/26/25 10:10
Date Received: 09/26/25 16:20

Lab Sample ID: 460-335806-23
Matrix: Solid

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Analysis	Moisture		1	1064401	CJC	EET EDI	09/28/25 21:11

Client Sample ID: 58A3_3-4
Date Collected: 09/26/25 10:10
Date Received: 09/26/25 16:20

Lab Sample ID: 460-335806-23
Matrix: Solid
Percent Solids: 95.1

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Prep	5035			1064517	JCZ	EET EDI	09/29/25 09:43
Total/NA	Analysis	8260D		1	1065636	AAT	EET EDI	10/03/25 23:03

Client Sample ID: 58A1_5-6
Date Collected: 09/26/25 10:15
Date Received: 09/26/25 16:20

Lab Sample ID: 460-335806-24
Matrix: Solid

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Analysis	Moisture		1	1064401	CJC	EET EDI	09/28/25 21:11

Lab Chronicle

Client: Haley & Aldrich, Inc.
Project/Site: Former Port Mobil

Job ID: 460-335806-1

Client Sample ID: 58A1_5-6
Date Collected: 09/26/25 10:15
Date Received: 09/26/25 16:20

Lab Sample ID: 460-335806-24
Matrix: Solid
Percent Solids: 88.4

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Prep	5035			1064517	JCZ	EET EDI	09/29/25 09:44
Total/NA	Analysis	8260D		1	1065636	AAT	EET EDI	10/03/25 23:27

Client Sample ID: 58A2_6-7
Date Collected: 09/26/25 10:20
Date Received: 09/26/25 16:20

Lab Sample ID: 460-335806-25
Matrix: Solid

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Analysis	Moisture		1	1064401	CJC	EET EDI	09/28/25 21:11

Client Sample ID: 58A2_6-7
Date Collected: 09/26/25 10:20
Date Received: 09/26/25 16:20

Lab Sample ID: 460-335806-25
Matrix: Solid
Percent Solids: 89.3

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Prep	5035			1064517	JCZ	EET EDI	09/29/25 09:44
Total/NA	Analysis	8260D		1	1065636	AAT	EET EDI	10/03/25 23:50

Client Sample ID: 58A3_7-8
Date Collected: 09/26/25 10:25
Date Received: 09/26/25 16:20

Lab Sample ID: 460-335806-26
Matrix: Solid

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Analysis	Moisture		1	1064401	CJC	EET EDI	09/28/25 21:11

Client Sample ID: 58A3_7-8
Date Collected: 09/26/25 10:25
Date Received: 09/26/25 16:20

Lab Sample ID: 460-335806-26
Matrix: Solid
Percent Solids: 84.8

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Prep	5035			1064517	JCZ	EET EDI	09/29/25 09:44
Total/NA	Analysis	8260D		1	1065636	AAT	EET EDI	10/04/25 00:14

Client Sample ID: 58A2_9-10
Date Collected: 09/26/25 10:30
Date Received: 09/26/25 16:20

Lab Sample ID: 460-335806-27
Matrix: Solid

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Analysis	Moisture		1	1064401	CJC	EET EDI	09/28/25 21:11

Lab Chronicle

Client: Haley & Aldrich, Inc.
Project/Site: Former Port Mobil

Job ID: 460-335806-1

Client Sample ID: 58A2_9-10
Date Collected: 09/26/25 10:30
Date Received: 09/26/25 16:20

Lab Sample ID: 460-335806-27
Matrix: Solid
Percent Solids: 84.1

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Prep	5035			1064517	JCZ	EET EDI	09/29/25 09:45
Total/NA	Analysis	8260D		1	1065636	AAT	EET EDI	10/04/25 00:38

Client Sample ID: 58B1_0-1
Date Collected: 09/26/25 10:35
Date Received: 09/26/25 16:20

Lab Sample ID: 460-335806-28
Matrix: Solid

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Analysis	Moisture		1	1064401	CJC	EET EDI	09/28/25 21:11

Client Sample ID: 58B1_0-1
Date Collected: 09/26/25 10:35
Date Received: 09/26/25 16:20

Lab Sample ID: 460-335806-28
Matrix: Solid
Percent Solids: 89.7

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Prep	5035			1064517	JCZ	EET EDI	09/29/25 09:45
Total/NA	Analysis	8260D		1	1065636	AAT	EET EDI	10/04/25 01:02

Client Sample ID: 58B2_2-3
Date Collected: 09/26/25 10:40
Date Received: 09/26/25 16:20

Lab Sample ID: 460-335806-29
Matrix: Solid

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Analysis	Moisture		1	1064401	CJC	EET EDI	09/28/25 21:11

Client Sample ID: 58B2_2-3
Date Collected: 09/26/25 10:40
Date Received: 09/26/25 16:20

Lab Sample ID: 460-335806-29
Matrix: Solid
Percent Solids: 89.2

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Prep	5035			1064517	JCZ	EET EDI	09/29/25 09:46
Total/NA	Analysis	8260D		1	1065636	AAT	EET EDI	10/04/25 01:26

Client Sample ID: 58B2_3-4
Date Collected: 09/26/25 10:45
Date Received: 09/26/25 16:20

Lab Sample ID: 460-335806-30
Matrix: Solid

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Analysis	Moisture		1	1064401	CJC	EET EDI	09/28/25 21:11

Lab Chronicle

Client: Haley & Aldrich, Inc.
Project/Site: Former Port Mobil

Job ID: 460-335806-1

Client Sample ID: 58B2_3-4
Date Collected: 09/26/25 10:45
Date Received: 09/26/25 16:20

Lab Sample ID: 460-335806-30
Matrix: Solid
Percent Solids: 88.7

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Prep	5035			1064517	JCZ	EET EDI	09/29/25 09:46
Total/NA	Analysis	8260D		1	1065636	AAT	EET EDI	10/04/25 01:49

Client Sample ID: 58B1_4-5
Date Collected: 09/26/25 10:50
Date Received: 09/26/25 16:20

Lab Sample ID: 460-335806-31
Matrix: Solid

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Analysis	Moisture		1	1064401	CJC	EET EDI	09/28/25 21:11

Client Sample ID: 58B1_4-5
Date Collected: 09/26/25 10:50
Date Received: 09/26/25 16:20

Lab Sample ID: 460-335806-31
Matrix: Solid
Percent Solids: 89.7

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Prep	5035			1064517	JCZ	EET EDI	09/29/25 09:46
Total/NA	Analysis	8260D		1	1065636	AAT	EET EDI	10/04/25 02:13

Client Sample ID: 58B2_5-6
Date Collected: 09/26/25 10:55
Date Received: 09/26/25 16:20

Lab Sample ID: 460-335806-32
Matrix: Solid

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Analysis	Moisture		1	1064401	CJC	EET EDI	09/28/25 21:11

Client Sample ID: 58B2_5-6
Date Collected: 09/26/25 10:55
Date Received: 09/26/25 16:20

Lab Sample ID: 460-335806-32
Matrix: Solid
Percent Solids: 91.5

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Prep	5035			1064517	JCZ	EET EDI	09/29/25 09:47
Total/NA	Analysis	8260D		1	1065636	AAT	EET EDI	10/04/25 02:37

Client Sample ID: 58B3_7-8
Date Collected: 09/26/25 11:00
Date Received: 09/26/25 16:20

Lab Sample ID: 460-335806-33
Matrix: Solid

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Analysis	Moisture		1	1064401	CJC	EET EDI	09/28/25 21:11

Lab Chronicle

Client: Haley & Aldrich, Inc.
Project/Site: Former Port Mobil

Job ID: 460-335806-1

Client Sample ID: 58B3_7-8
Date Collected: 09/26/25 11:00
Date Received: 09/26/25 16:20

Lab Sample ID: 460-335806-33
Matrix: Solid
Percent Solids: 92.8

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Prep	5035			1064517	JCZ	EET EDI	09/29/25 09:47
Total/NA	Analysis	8260D		1	1065636	AAT	EET EDI	10/04/25 03:01

Client Sample ID: 58B2_9-10
Date Collected: 09/26/25 11:05
Date Received: 09/26/25 16:20

Lab Sample ID: 460-335806-34
Matrix: Solid

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Analysis	Moisture		1	1064401	CJC	EET EDI	09/28/25 21:11

Client Sample ID: 58B2_9-10
Date Collected: 09/26/25 11:05
Date Received: 09/26/25 16:20

Lab Sample ID: 460-335806-34
Matrix: Solid
Percent Solids: 93.7

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Prep	5035			1064517	JCZ	EET EDI	09/29/25 09:47
Total/NA	Analysis	8260D		1	1065636	AAT	EET EDI	10/04/25 03:25

Client Sample ID: 58C3_1-2
Date Collected: 09/26/25 11:10
Date Received: 09/26/25 16:20

Lab Sample ID: 460-335806-35
Matrix: Solid

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Analysis	Moisture		1	1064401	CJC	EET EDI	09/28/25 21:11

Client Sample ID: 58C3_1-2
Date Collected: 09/26/25 11:10
Date Received: 09/26/25 16:20

Lab Sample ID: 460-335806-35
Matrix: Solid
Percent Solids: 88.6

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Prep	5035			1064517	JCZ	EET EDI	09/29/25 09:48
Total/NA	Analysis	8260D		1	1065636	AAT	EET EDI	10/04/25 03:48

Client Sample ID: 58C2_2-3
Date Collected: 09/26/25 11:15
Date Received: 09/26/25 16:20

Lab Sample ID: 460-335806-36
Matrix: Solid

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Analysis	Moisture		1	1064401	CJC	EET EDI	09/28/25 21:11

Lab Chronicle

Client: Haley & Aldrich, Inc.
Project/Site: Former Port Mobil

Job ID: 460-335806-1

Client Sample ID: 58C2_2-3
Date Collected: 09/26/25 11:15
Date Received: 09/26/25 16:20

Lab Sample ID: 460-335806-36
Matrix: Solid
Percent Solids: 89.4

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Prep	5035			1064517	JCZ	EET EDI	09/29/25 09:48
Total/NA	Analysis	8260D		1	1065633	AAT	EET EDI	10/03/25 20:10

Client Sample ID: 58C1_3-4
Date Collected: 09/26/25 11:20
Date Received: 09/26/25 16:20

Lab Sample ID: 460-335806-37
Matrix: Solid

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Analysis	Moisture		1	1064401	CJC	EET EDI	09/28/25 21:11

Client Sample ID: 58C1_3-4
Date Collected: 09/26/25 11:20
Date Received: 09/26/25 16:20

Lab Sample ID: 460-335806-37
Matrix: Solid
Percent Solids: 91.6

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Prep	5035			1064517	JCZ	EET EDI	09/29/25 09:49
Total/NA	Analysis	8260D		1	1065633	AAT	EET EDI	10/03/25 20:35

Client Sample ID: 58C3_5-6
Date Collected: 09/26/25 11:25
Date Received: 09/26/25 16:20

Lab Sample ID: 460-335806-38
Matrix: Solid

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Analysis	Moisture		1	1064401	CJC	EET EDI	09/28/25 21:11

Client Sample ID: 58C3_5-6
Date Collected: 09/26/25 11:25
Date Received: 09/26/25 16:20

Lab Sample ID: 460-335806-38
Matrix: Solid
Percent Solids: 88.5

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Prep	5035			1064517	JCZ	EET EDI	09/29/25 09:49
Total/NA	Analysis	8260D		1	1065633	AAT	EET EDI	10/03/25 20:59

Client Sample ID: 58C2_6-7
Date Collected: 09/26/25 11:30
Date Received: 09/26/25 16:20

Lab Sample ID: 460-335806-39
Matrix: Solid

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Analysis	Moisture		1	1064401	CJC	EET EDI	09/28/25 21:11

Lab Chronicle

Client: Haley & Aldrich, Inc.
Project/Site: Former Port Mobil

Job ID: 460-335806-1

Client Sample ID: 58C2_6-7

Lab Sample ID: 460-335806-39
Date Collected: 09/26/25 11:30
Matrix: Solid
Date Received: 09/26/25 16:20
Percent Solids: 86.4

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Prep	5035			1064517	JCZ	EET EDI	09/29/25 09:49
Total/NA	Analysis	8260D		1	1065633	AAT	EET EDI	10/03/25 21:24

Client Sample ID: 58C1_7-8

Lab Sample ID: 460-335806-40
Date Collected: 09/26/25 11:35
Matrix: Solid
Date Received: 09/26/25 16:20

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Analysis	Moisture		1	1064401	CJC	EET EDI	09/28/25 21:11

Client Sample ID: 58C1_7-8

Lab Sample ID: 460-335806-40
Date Collected: 09/26/25 11:35
Matrix: Solid
Date Received: 09/26/25 16:20
Percent Solids: 90.1

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Prep	5035			1064517	JCZ	EET EDI	09/29/25 09:50
Total/NA	Analysis	8260D		1	1065633	AAT	EET EDI	10/03/25 21:49

Client Sample ID: 58C3_8-9

Lab Sample ID: 460-335806-41
Date Collected: 09/26/25 11:40
Matrix: Solid
Date Received: 09/26/25 16:20

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Analysis	Moisture		1	1064401	CJC	EET EDI	09/28/25 21:11

Client Sample ID: 58C3_8-9

Lab Sample ID: 460-335806-41
Date Collected: 09/26/25 11:40
Matrix: Solid
Date Received: 09/26/25 16:20
Percent Solids: 85.5

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Prep	5035			1064517	JCZ	EET EDI	09/29/25 09:50
Total/NA	Analysis	8260D		1	1065633	AAT	EET EDI	10/03/25 22:15

Client Sample ID: 58D1_1-2

Lab Sample ID: 460-335806-42
Date Collected: 09/26/25 11:42
Matrix: Solid
Date Received: 09/26/25 16:20

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Analysis	Moisture		1	1064401	CJC	EET EDI	09/28/25 21:11

Lab Chronicle

Client: Haley & Aldrich, Inc.
Project/Site: Former Port Mobil

Job ID: 460-335806-1

Client Sample ID: 58D1_1-2
Date Collected: 09/26/25 11:42
Date Received: 09/26/25 16:20

Lab Sample ID: 460-335806-42
Matrix: Solid
Percent Solids: 95.6

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Prep	5035			1064517	JCZ	EET EDI	09/29/25 09:50
Total/NA	Analysis	8260D		1	1065633	AAT	EET EDI	10/03/25 22:39

Client Sample ID: 58D2_2-3
Date Collected: 09/26/25 11:45
Date Received: 09/26/25 16:20

Lab Sample ID: 460-335806-43
Matrix: Solid

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Analysis	Moisture		1	1064401	CJC	EET EDI	09/28/25 21:11

Client Sample ID: 58D2_2-3
Date Collected: 09/26/25 11:45
Date Received: 09/26/25 16:20

Lab Sample ID: 460-335806-43
Matrix: Solid
Percent Solids: 95.1

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Prep	5035			1064517	JCZ	EET EDI	09/29/25 09:51
Total/NA	Analysis	8260D		1	1065633	AAT	EET EDI	10/03/25 23:04

Client Sample ID: 58D3_4-5
Date Collected: 09/26/25 11:50
Date Received: 09/26/25 16:20

Lab Sample ID: 460-335806-44
Matrix: Solid

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Analysis	Moisture		1	1064401	CJC	EET EDI	09/28/25 21:11

Client Sample ID: 58D3_4-5
Date Collected: 09/26/25 11:50
Date Received: 09/26/25 16:20

Lab Sample ID: 460-335806-44
Matrix: Solid
Percent Solids: 93.4

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Prep	5035			1064517	JCZ	EET EDI	09/29/25 09:51
Total/NA	Analysis	8260D		1	1065633	AAT	EET EDI	10/03/25 23:28

Client Sample ID: 58D1_5-6
Date Collected: 09/26/25 11:55
Date Received: 09/26/25 16:20

Lab Sample ID: 460-335806-45
Matrix: Solid

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Analysis	Moisture		1	1064401	CJC	EET EDI	09/28/25 21:11

Lab Chronicle

Client: Haley & Aldrich, Inc.
Project/Site: Former Port Mobil

Job ID: 460-335806-1

Client Sample ID: 58D1_5-6
Date Collected: 09/26/25 11:55
Date Received: 09/26/25 16:20

Lab Sample ID: 460-335806-45
Matrix: Solid
Percent Solids: 93.1

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Prep	5035			1064524	JCZ	EET EDI	09/29/25 10:07
Total/NA	Analysis	8260D		1	1065633	AAT	EET EDI	10/03/25 23:57

Client Sample ID: 58D2_6-7
Date Collected: 09/26/25 12:00
Date Received: 09/26/25 16:20

Lab Sample ID: 460-335806-46
Matrix: Solid

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Analysis	Moisture		1	1064401	CJC	EET EDI	09/28/25 21:11

Client Sample ID: 58D2_6-7
Date Collected: 09/26/25 12:00
Date Received: 09/26/25 16:20

Lab Sample ID: 460-335806-46
Matrix: Solid
Percent Solids: 93.5

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Prep	5035			1064524	JCZ	EET EDI	09/29/25 10:07
Total/NA	Analysis	8260D		1	1065633	AAT	EET EDI	10/04/25 00:22

Client Sample ID: 58D3_8-9
Date Collected: 09/26/25 12:05
Date Received: 09/26/25 16:20

Lab Sample ID: 460-335806-47
Matrix: Solid

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Analysis	Moisture		1	1064401	CJC	EET EDI	09/28/25 21:11

Client Sample ID: 58D3_8-9
Date Collected: 09/26/25 12:05
Date Received: 09/26/25 16:20

Lab Sample ID: 460-335806-47
Matrix: Solid
Percent Solids: 89.5

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Prep	5035			1064524	JCZ	EET EDI	09/29/25 10:07
Total/NA	Analysis	8260D		1	1065633	AAT	EET EDI	10/04/25 00:47

Client Sample ID: 58D3_9-10
Date Collected: 09/26/25 12:10
Date Received: 09/26/25 16:20

Lab Sample ID: 460-335806-48
Matrix: Solid

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Analysis	Moisture		1	1064401	CJC	EET EDI	09/28/25 21:11

Lab Chronicle

Client: Haley & Aldrich, Inc.
Project/Site: Former Port Mobil

Job ID: 460-335806-1

Client Sample ID: 58D3_9-10
Date Collected: 09/26/25 12:10
Date Received: 09/26/25 16:20

Lab Sample ID: 460-335806-48
Matrix: Solid
Percent Solids: 92.2

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Prep	5035			1064524	JCZ	EET EDI	09/29/25 10:08
Total/NA	Analysis	8260D		1	1065633	AAT	EET EDI	10/04/25 01:12

Client Sample ID: 58E1_1-2
Date Collected: 09/26/25 12:15
Date Received: 09/26/25 16:20

Lab Sample ID: 460-335806-49
Matrix: Solid

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Analysis	Moisture		1	1064401	CJC	EET EDI	09/28/25 21:11

Client Sample ID: 58E1_1-2
Date Collected: 09/26/25 12:15
Date Received: 09/26/25 16:20

Lab Sample ID: 460-335806-49
Matrix: Solid
Percent Solids: 93.4

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Prep	5035			1064524	JCZ	EET EDI	09/29/25 10:08
Total/NA	Analysis	8260D		1	1065633	AAT	EET EDI	10/04/25 01:37

Client Sample ID: 58E2_2-3
Date Collected: 09/26/25 12:20
Date Received: 09/26/25 16:20

Lab Sample ID: 460-335806-50
Matrix: Solid

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Analysis	Moisture		1	1064401	CJC	EET EDI	09/28/25 21:11

Client Sample ID: 58E2_2-3
Date Collected: 09/26/25 12:20
Date Received: 09/26/25 16:20

Lab Sample ID: 460-335806-50
Matrix: Solid
Percent Solids: 87.9

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Prep	5035			1064524	JCZ	EET EDI	09/29/25 10:08
Total/NA	Analysis	8260D		1	1065633	AAT	EET EDI	10/04/25 02:02

Client Sample ID: 58E3_4-5
Date Collected: 09/26/25 12:05
Date Received: 09/26/25 16:20

Lab Sample ID: 460-335806-51
Matrix: Solid

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Analysis	Moisture		1	1064401	CJC	EET EDI	09/28/25 21:11

Lab Chronicle

Client: Haley & Aldrich, Inc.
Project/Site: Former Port Mobil

Job ID: 460-335806-1

Client Sample ID: 58E3_4-5
Date Collected: 09/26/25 12:05
Date Received: 09/26/25 16:20

Lab Sample ID: 460-335806-51
Matrix: Solid
Percent Solids: 89.6

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Prep	5035			1064524	JCZ	EET EDI	09/29/25 10:09
Total/NA	Analysis	8260D		1	1065633	AAT	EET EDI	10/04/25 02:27

Client Sample ID: 58E1_5-6
Date Collected: 09/26/25 12:30
Date Received: 09/26/25 16:20

Lab Sample ID: 460-335806-52
Matrix: Solid

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Analysis	Moisture		1	1064401	CJC	EET EDI	09/28/25 21:11

Client Sample ID: 58E1_5-6
Date Collected: 09/26/25 12:30
Date Received: 09/26/25 16:20

Lab Sample ID: 460-335806-52
Matrix: Solid
Percent Solids: 87.9

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Prep	5035			1064524	JCZ	EET EDI	09/29/25 10:09
Total/NA	Analysis	8260D		1	1065633	AAT	EET EDI	10/04/25 02:52

Client Sample ID: 58E2_7-8
Date Collected: 09/26/25 12:35
Date Received: 09/26/25 16:20

Lab Sample ID: 460-335806-53
Matrix: Solid

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Analysis	Moisture		1	1064401	CJC	EET EDI	09/28/25 21:11

Client Sample ID: 58E2_7-8
Date Collected: 09/26/25 12:35
Date Received: 09/26/25 16:20

Lab Sample ID: 460-335806-53
Matrix: Solid
Percent Solids: 89.4

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Prep	5035			1064524	JCZ	EET EDI	09/29/25 10:10
Total/NA	Analysis	8260D		1	1065633	AAT	EET EDI	10/04/25 03:16

Client Sample ID: 58E3_8-9
Date Collected: 09/26/25 12:40
Date Received: 09/26/25 16:20

Lab Sample ID: 460-335806-54
Matrix: Solid

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Analysis	Moisture		1	1064401	CJC	EET EDI	09/28/25 21:11

Lab Chronicle

Client: Haley & Aldrich, Inc.
Project/Site: Former Port Mobil

Job ID: 460-335806-1

Client Sample ID: 58E3_8-9
Date Collected: 09/26/25 12:40
Date Received: 09/26/25 16:20

Lab Sample ID: 460-335806-54
Matrix: Solid
Percent Solids: 85.2

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Prep	5035			1064524	JCZ	EET EDI	09/29/25 10:10
Total/NA	Analysis	8260D		1	1065958	EMM	EET EDI	10/05/25 07:55

Client Sample ID: 58E2_9-10
Date Collected: 09/26/25 12:45
Date Received: 09/26/25 16:20

Lab Sample ID: 460-335806-55
Matrix: Solid

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Analysis	Moisture		1	1064401	CJC	EET EDI	09/28/25 21:11

Client Sample ID: 58E2_9-10
Date Collected: 09/26/25 12:45
Date Received: 09/26/25 16:20

Lab Sample ID: 460-335806-55
Matrix: Solid
Percent Solids: 87.4

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Prep	5035			1064524	JCZ	EET EDI	09/29/25 10:11
Total/NA	Analysis	8260D		1	1065958	EMM	EET EDI	10/05/25 08:18

Client Sample ID: 58F1_1-2
Date Collected: 09/26/25 12:50
Date Received: 09/26/25 16:20

Lab Sample ID: 460-335806-56
Matrix: Solid

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Analysis	Moisture		1	1064401	CJC	EET EDI	09/28/25 21:11

Client Sample ID: 58F1_1-2
Date Collected: 09/26/25 12:50
Date Received: 09/26/25 16:20

Lab Sample ID: 460-335806-56
Matrix: Solid
Percent Solids: 88.2

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Prep	5035			1064524	JCZ	EET EDI	09/29/25 10:10
Total/NA	Analysis	8260D		1	1065958	EMM	EET EDI	10/05/25 08:42

Client Sample ID: 58F2_3-4
Date Collected: 09/26/25 12:55
Date Received: 09/26/25 16:20

Lab Sample ID: 460-335806-57
Matrix: Solid

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Analysis	Moisture		1	1064401	CJC	EET EDI	09/28/25 21:11

Client Sample ID: 58F2_3-4

Lab Sample ID: 460-335806-57
Date Collected: 09/26/25 12:55
Matrix: Solid
Date Received: 09/26/25 16:20
Percent Solids: 89.7

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Prep	5035			1064524	JCZ	EET EDI	09/29/25 10:11
Total/NA	Analysis	8260D		1	1065958	EMM	EET EDI	10/05/25 09:05

Client Sample ID: 58F3_4-5

Lab Sample ID: 460-335806-58
Date Collected: 09/26/25 13:00
Matrix: Solid
Date Received: 09/26/25 16:20

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Analysis	Moisture		1	1064401	CJC	EET EDI	09/28/25 21:11

Client Sample ID: 58F3_4-5

Lab Sample ID: 460-335806-58
Date Collected: 09/26/25 13:00
Matrix: Solid
Date Received: 09/26/25 16:20
Percent Solids: 89.0

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Prep	5035			1064524	JCZ	EET EDI	09/29/25 10:11
Total/NA	Analysis	8260D		1	1065958	EMM	EET EDI	10/05/25 09:28

Client Sample ID: 58F1_5-6

Lab Sample ID: 460-335806-59
Date Collected: 09/26/25 13:05
Matrix: Solid
Date Received: 09/26/25 16:20

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Analysis	Moisture		1	1064401	CJC	EET EDI	09/28/25 21:11

Client Sample ID: 58F1_5-6

Lab Sample ID: 460-335806-59
Date Collected: 09/26/25 13:05
Matrix: Solid
Date Received: 09/26/25 16:20
Percent Solids: 88.8

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Prep	5035			1064524	JCZ	EET EDI	09/29/25 10:12
Total/NA	Analysis	8260D		1	1065959	EMM	EET EDI	10/05/25 21:24

Client Sample ID: 58F2_7-8

Lab Sample ID: 460-335806-60
Date Collected: 09/26/25 13:10
Matrix: Solid
Date Received: 09/26/25 16:20

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Analysis	Moisture		1	1064401	CJC	EET EDI	09/28/25 21:11

Lab Chronicle

Client: Haley & Aldrich, Inc.
Project/Site: Former Port Mobil

Job ID: 460-335806-1

Client Sample ID: 58F2_7-8
Date Collected: 09/26/25 13:10
Date Received: 09/26/25 16:20

Lab Sample ID: 460-335806-60
Matrix: Solid
Percent Solids: 93.1

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Prep	5035			1064524	JCZ	EET EDI	09/29/25 10:12
Total/NA	Analysis	8260D		1	1065959	EMM	EET EDI	10/05/25 21:47

Client Sample ID: 58F3_8-9
Date Collected: 09/26/25 13:15
Date Received: 09/26/25 16:20

Lab Sample ID: 460-335806-61
Matrix: Solid

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Analysis	Moisture		1	1064401	CJC	EET EDI	09/28/25 21:11

Client Sample ID: 58F3_8-9
Date Collected: 09/26/25 13:15
Date Received: 09/26/25 16:20

Lab Sample ID: 460-335806-61
Matrix: Solid
Percent Solids: 87.1

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Prep	5035			1064524	JCZ	EET EDI	09/29/25 10:13
Total/NA	Analysis	8260D		1	1065959	EMM	EET EDI	10/05/25 22:10

Client Sample ID: 58F1_9-10
Date Collected: 09/26/25 13:20
Date Received: 09/26/25 16:20

Lab Sample ID: 460-335806-62
Matrix: Solid

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Analysis	Moisture		1	1064401	CJC	EET EDI	09/28/25 21:11

Client Sample ID: 58F1_9-10
Date Collected: 09/26/25 13:20
Date Received: 09/26/25 16:20

Lab Sample ID: 460-335806-62
Matrix: Solid
Percent Solids: 88.6

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Prep	5035			1064524	JCZ	EET EDI	09/29/25 10:13
Total/NA	Analysis	8260D		1	1065959	EMM	EET EDI	10/05/25 22:33

Client Sample ID: 58G1_1-2
Date Collected: 09/26/25 13:25
Date Received: 09/26/25 16:20

Lab Sample ID: 460-335806-63
Matrix: Solid

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Analysis	Moisture		1	1064401	CJC	EET EDI	09/28/25 21:11

Lab Chronicle

Client: Haley & Aldrich, Inc.
Project/Site: Former Port Mobil

Job ID: 460-335806-1

Client Sample ID: 58G1_1-2
Date Collected: 09/26/25 13:25
Date Received: 09/26/25 16:20

Lab Sample ID: 460-335806-63
Matrix: Solid
Percent Solids: 88.6

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Prep	5035			1064524	JCZ	EET EDI	09/29/25 10:13
Total/NA	Analysis	8260D		1	1066077	EMM	EET EDI	10/06/25 02:01

Client Sample ID: 58G2_3-4
Date Collected: 09/26/25 13:30
Date Received: 09/26/25 16:20

Lab Sample ID: 460-335806-64
Matrix: Solid

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Analysis	Moisture		1	1064401	CJC	EET EDI	09/28/25 21:11

Client Sample ID: 58G2_3-4
Date Collected: 09/26/25 13:30
Date Received: 09/26/25 16:20

Lab Sample ID: 460-335806-64
Matrix: Solid
Percent Solids: 87.4

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Prep	5035			1064524	JCZ	EET EDI	09/29/25 10:14
Total/NA	Analysis	8260D		1	1065959	EMM	EET EDI	10/05/25 15:16

Client Sample ID: 58G3_4-5
Date Collected: 09/26/25 13:35
Date Received: 09/26/25 16:20

Lab Sample ID: 460-335806-65
Matrix: Solid

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Analysis	Moisture		1	1064401	CJC	EET EDI	09/28/25 21:11

Client Sample ID: 58G3_4-5
Date Collected: 09/26/25 13:35
Date Received: 09/26/25 16:20

Lab Sample ID: 460-335806-65
Matrix: Solid
Percent Solids: 90.7

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Prep	5035			1064524	JCZ	EET EDI	09/29/25 10:14
Total/NA	Analysis	8260D		1	1065959	EMM	EET EDI	10/05/25 15:39

Client Sample ID: 58G1_5-6
Date Collected: 09/26/25 13:40
Date Received: 09/26/25 16:20

Lab Sample ID: 460-335806-66
Matrix: Solid

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Analysis	Moisture		1	1064401	CJC	EET EDI	09/28/25 21:11

Lab Chronicle

Client: Haley & Aldrich, Inc.
Project/Site: Former Port Mobil

Job ID: 460-335806-1

Client Sample ID: 58G1_5-6

Lab Sample ID: 460-335806-66
Date Collected: 09/26/25 13:40
Matrix: Solid
Date Received: 09/26/25 16:20
Percent Solids: 86.5

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Prep	5035			1064524	JCZ	EET EDI	09/29/25 10:14
Total/NA	Analysis	8260D		1	1065959	EMM	EET EDI	10/05/25 16:02

Client Sample ID: 58G2_7-8

Lab Sample ID: 460-335806-67
Date Collected: 09/26/25 13:45
Matrix: Solid
Date Received: 09/26/25 16:20

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Analysis	Moisture		1	1064401	CJC	EET EDI	09/28/25 21:11

Client Sample ID: 58G2_7-8

Lab Sample ID: 460-335806-67
Date Collected: 09/26/25 13:45
Matrix: Solid
Date Received: 09/26/25 16:20
Percent Solids: 88.8

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Prep	5035			1064524	JCZ	EET EDI	09/29/25 10:15
Total/NA	Analysis	8260D		1	1065959	EMM	EET EDI	10/05/25 16:25

Client Sample ID: 58G3_9-10

Lab Sample ID: 460-335806-68
Date Collected: 09/26/25 13:50
Matrix: Solid
Date Received: 09/26/25 16:20

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Analysis	Moisture		1	1064401	CJC	EET EDI	09/28/25 21:11

Client Sample ID: 58G3_9-10

Lab Sample ID: 460-335806-68
Date Collected: 09/26/25 13:50
Matrix: Solid
Date Received: 09/26/25 16:20
Percent Solids: 87.8

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Prep	5035			1064524	JCZ	EET EDI	09/29/25 10:15
Total/NA	Analysis	8260D		1	1065959	EMM	EET EDI	10/05/25 16:48

Client Sample ID: 58G3_6-7

Lab Sample ID: 460-335806-69
Date Collected: 09/26/25 13:55
Matrix: Solid
Date Received: 09/26/25 16:20

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Analysis	Moisture		1	1064401	CJC	EET EDI	09/28/25 21:11

Lab Chronicle

Client: Haley & Aldrich, Inc.
Project/Site: Former Port Mobil

Job ID: 460-335806-1

Client Sample ID: 58G3_6-7
Date Collected: 09/26/25 13:55
Date Received: 09/26/25 16:20

Lab Sample ID: 460-335806-69
Matrix: Solid
Percent Solids: 87.6

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Prep	5035			1064529	JCZ	EET EDI	09/29/25 10:25
Total/NA	Analysis	8260D		1	1065959	EMM	EET EDI	10/05/25 17:11

Client Sample ID: 58H1_2-3
Date Collected: 09/26/25 14:00
Date Received: 09/26/25 16:20

Lab Sample ID: 460-335806-70
Matrix: Solid

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Analysis	Moisture		1	1064401	CJC	EET EDI	09/28/25 21:11

Client Sample ID: 58H1_2-3
Date Collected: 09/26/25 14:00
Date Received: 09/26/25 16:20

Lab Sample ID: 460-335806-70
Matrix: Solid
Percent Solids: 90.5

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Prep	5035			1064529	JCZ	EET EDI	09/29/25 10:25
Total/NA	Analysis	8260D		1	1065959	EMM	EET EDI	10/05/25 17:34

Client Sample ID: 58H2_3-4
Date Collected: 09/26/25 14:05
Date Received: 09/26/25 16:20

Lab Sample ID: 460-335806-71
Matrix: Solid

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Analysis	Moisture		1	1064401	CJC	EET EDI	09/28/25 21:11

Client Sample ID: 58H2_3-4
Date Collected: 09/26/25 14:05
Date Received: 09/26/25 16:20

Lab Sample ID: 460-335806-71
Matrix: Solid
Percent Solids: 88.0

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Prep	5035			1064529	JCZ	EET EDI	09/29/25 10:25
Total/NA	Analysis	8260D		1	1065959	EMM	EET EDI	10/05/25 17:57

Client Sample ID: 58H3_1-2
Date Collected: 09/26/25 14:10
Date Received: 09/26/25 16:20

Lab Sample ID: 460-335806-72
Matrix: Solid

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Analysis	Moisture		1	1064401	CJC	EET EDI	09/28/25 21:11

Lab Chronicle

Client: Haley & Aldrich, Inc.
Project/Site: Former Port Mobil

Job ID: 460-335806-1

Client Sample ID: 58H3_1-2
Date Collected: 09/26/25 14:10
Date Received: 09/26/25 16:20

Lab Sample ID: 460-335806-72
Matrix: Solid
Percent Solids: 90.7

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Prep	5035			1064529	JCZ	EET EDI	09/29/25 10:26
Total/NA	Analysis	8260D		1	1065959	EMM	EET EDI	10/05/25 18:20

Client Sample ID: 58H1_5-6
Date Collected: 09/26/25 14:15
Date Received: 09/26/25 16:20

Lab Sample ID: 460-335806-73
Matrix: Solid

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Analysis	Moisture		1	1064401	CJC	EET EDI	09/28/25 21:11

Client Sample ID: 58H1_5-6
Date Collected: 09/26/25 14:15
Date Received: 09/26/25 16:20

Lab Sample ID: 460-335806-73
Matrix: Solid
Percent Solids: 90.9

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Prep	5035			1064529	JCZ	EET EDI	09/29/25 10:26
Total/NA	Analysis	8260D		1	1065959	EMM	EET EDI	10/05/25 18:43

Client Sample ID: 58H2_6-7
Date Collected: 09/26/25 14:20
Date Received: 09/26/25 16:20

Lab Sample ID: 460-335806-74
Matrix: Solid

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Analysis	Moisture		1	1064401	CJC	EET EDI	09/28/25 21:11

Client Sample ID: 58H2_6-7
Date Collected: 09/26/25 14:20
Date Received: 09/26/25 16:20

Lab Sample ID: 460-335806-74
Matrix: Solid
Percent Solids: 88.6

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Prep	5035			1064529	JCZ	EET EDI	09/29/25 10:26
Total/NA	Analysis	8260D		1	1065959	EMM	EET EDI	10/05/25 19:06

Client Sample ID: 58H3_7-8
Date Collected: 09/26/25 14:25
Date Received: 09/26/25 16:20

Lab Sample ID: 460-335806-75
Matrix: Solid

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Analysis	Moisture		1	1064401	CJC	EET EDI	09/28/25 21:11

Lab Chronicle

Client: Haley & Aldrich, Inc.
Project/Site: Former Port Mobil

Job ID: 460-335806-1

Client Sample ID: 58H3_7-8
Date Collected: 09/26/25 14:25
Date Received: 09/26/25 16:20

Lab Sample ID: 460-335806-75
Matrix: Solid
Percent Solids: 94.0

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Prep	5035			1064529	JCZ	EET EDI	09/29/25 10:27
Total/NA	Analysis	8260D		1	1065959	EMM	EET EDI	10/05/25 19:29

Client Sample ID: 58H1_9-10
Date Collected: 09/26/25 14:30
Date Received: 09/26/25 16:20

Lab Sample ID: 460-335806-76
Matrix: Solid

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Analysis	Moisture		1	1064401	CJC	EET EDI	09/28/25 21:11

Client Sample ID: 58H1_9-10
Date Collected: 09/26/25 14:30
Date Received: 09/26/25 16:20

Lab Sample ID: 460-335806-76
Matrix: Solid
Percent Solids: 88.0

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Prep	5035			1064529	JCZ	EET EDI	09/29/25 10:27
Total/NA	Analysis	8260D		1	1065959	EMM	EET EDI	10/05/25 19:52

Client Sample ID: 58I2_0-1
Date Collected: 09/26/25 14:35
Date Received: 09/26/25 16:20

Lab Sample ID: 460-335806-77
Matrix: Solid

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Analysis	Moisture		1	1064401	CJC	EET EDI	09/28/25 21:11

Client Sample ID: 58I2_0-1
Date Collected: 09/26/25 14:35
Date Received: 09/26/25 16:20

Lab Sample ID: 460-335806-77
Matrix: Solid
Percent Solids: 88.2

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Prep	5035			1064529	JCZ	EET EDI	09/29/25 10:27
Total/NA	Analysis	8260D		1	1065774	SZK	EET EDI	10/03/25 20:07

Client Sample ID: 58I1_1-2
Date Collected: 09/26/25 14:40
Date Received: 09/26/25 16:20

Lab Sample ID: 460-335806-78
Matrix: Solid

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Analysis	Moisture		1	1064401	CJC	EET EDI	09/28/25 21:11

Lab Chronicle

Client: Haley & Aldrich, Inc.
Project/Site: Former Port Mobil

Job ID: 460-335806-1

Client Sample ID: 58I1_1-2
Date Collected: 09/26/25 14:40
Date Received: 09/26/25 16:20

Lab Sample ID: 460-335806-78
Matrix: Solid
Percent Solids: 89.1

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Prep	5035			1064529	JCZ	EET EDI	09/29/25 10:28
Total/NA	Analysis	8260D		1	1065774	SZK	EET EDI	10/03/25 20:30

Client Sample ID: 58I3_3-4
Date Collected: 09/26/25 14:45
Date Received: 09/26/25 16:20

Lab Sample ID: 460-335806-79
Matrix: Solid

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Analysis	Moisture		1	1064401	CJC	EET EDI	09/28/25 21:11

Client Sample ID: 58I3_3-4
Date Collected: 09/26/25 14:45
Date Received: 09/26/25 16:20

Lab Sample ID: 460-335806-79
Matrix: Solid
Percent Solids: 87.1

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Prep	5035			1064529	JCZ	EET EDI	09/29/25 10:28
Total/NA	Analysis	8260D		1	1065774	SZK	EET EDI	10/03/25 20:53

Client Sample ID: 58I2_4-5
Date Collected: 09/26/25 14:50
Date Received: 09/26/25 16:20

Lab Sample ID: 460-335806-80
Matrix: Solid

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Analysis	Moisture		1	1064401	CJC	EET EDI	09/28/25 21:11

Client Sample ID: 58I2_4-5
Date Collected: 09/26/25 14:50
Date Received: 09/26/25 16:20

Lab Sample ID: 460-335806-80
Matrix: Solid
Percent Solids: 90.3

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Prep	5035			1064529	JCZ	EET EDI	09/29/25 10:28
Total/NA	Analysis	8260D		1	1065774	SZK	EET EDI	10/03/25 21:16

Client Sample ID: 58I3_5-6
Date Collected: 09/26/25 14:55
Date Received: 09/26/25 16:20

Lab Sample ID: 460-335806-81
Matrix: Solid

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Analysis	Moisture		1	1064401	CJC	EET EDI	09/28/25 21:11

Lab Chronicle

Client: Haley & Aldrich, Inc.
Project/Site: Former Port Mobil

Job ID: 460-335806-1

Client Sample ID: 58I3_5-6
Date Collected: 09/26/25 14:55
Date Received: 09/26/25 16:20

Lab Sample ID: 460-335806-81
Matrix: Solid
Percent Solids: 89.8

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Prep	5035			1064529	JCZ	EET EDI	09/29/25 10:29
Total/NA	Analysis	8260D		1	1065774	SZK	EET EDI	10/03/25 21:39

Client Sample ID: 58I1_7-8
Date Collected: 09/26/25 15:00
Date Received: 09/26/25 16:20

Lab Sample ID: 460-335806-82
Matrix: Solid

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Analysis	Moisture		1	1064401	CJC	EET EDI	09/28/25 21:11

Client Sample ID: 58I1_7-8
Date Collected: 09/26/25 15:00
Date Received: 09/26/25 16:20

Lab Sample ID: 460-335806-82
Matrix: Solid
Percent Solids: 88.0

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Prep	5035			1064529	JCZ	EET EDI	09/29/25 10:29
Total/NA	Analysis	8260D		1	1065774	SZK	EET EDI	10/03/25 22:02

Client Sample ID: 58I2_9-10
Date Collected: 09/26/25 15:05
Date Received: 09/26/25 16:20

Lab Sample ID: 460-335806-83
Matrix: Solid

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Analysis	Moisture		1	1064401	CJC	EET EDI	09/28/25 21:11

Client Sample ID: 58I2_9-10
Date Collected: 09/26/25 15:05
Date Received: 09/26/25 16:20

Lab Sample ID: 460-335806-83
Matrix: Solid
Percent Solids: 85.0

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Prep	5035			1064529	JCZ	EET EDI	09/29/25 10:30
Total/NA	Analysis	8260D		1	1065774	SZK	EET EDI	10/03/25 22:25

Client Sample ID: 58J1_1-2
Date Collected: 09/26/25 15:10
Date Received: 09/26/25 16:20

Lab Sample ID: 460-335806-84
Matrix: Solid

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Analysis	Moisture		1	1064401	CJC	EET EDI	09/28/25 21:11

Lab Chronicle

Client: Haley & Aldrich, Inc.
Project/Site: Former Port Mobil

Job ID: 460-335806-1

Client Sample ID: 58J1_1-2
Date Collected: 09/26/25 15:10
Date Received: 09/26/25 16:20

Lab Sample ID: 460-335806-84
Matrix: Solid
Percent Solids: 94.9

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Prep	5035			1064529	JCZ	EET EDI	09/29/25 10:30
Total/NA	Analysis	8260D		1	1065774	SZK	EET EDI	10/03/25 22:48

Client Sample ID: 58J2_2-3
Date Collected: 09/26/25 15:15
Date Received: 09/26/25 16:20

Lab Sample ID: 460-335806-85
Matrix: Solid

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Analysis	Moisture		1	1064401	CJC	EET EDI	09/28/25 21:11

Client Sample ID: 58J2_2-3
Date Collected: 09/26/25 15:15
Date Received: 09/26/25 16:20

Lab Sample ID: 460-335806-85
Matrix: Solid
Percent Solids: 95.0

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Prep	5035			1064529	JCZ	EET EDI	09/29/25 10:30
Total/NA	Analysis	8260D		1	1065774	SZK	EET EDI	10/03/25 23:12

Client Sample ID: 58J3_3-4
Date Collected: 09/26/25 15:20
Date Received: 09/26/25 16:20

Lab Sample ID: 460-335806-86
Matrix: Solid

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Analysis	Moisture		1	1064401	CJC	EET EDI	09/28/25 21:11

Client Sample ID: 58J3_3-4
Date Collected: 09/26/25 15:20
Date Received: 09/26/25 16:20

Lab Sample ID: 460-335806-86
Matrix: Solid
Percent Solids: 87.9

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Prep	5035			1064529	JCZ	EET EDI	09/29/25 10:31
Total/NA	Analysis	8260D		1	1065774	SZK	EET EDI	10/03/25 23:35

Client Sample ID: 58J1_5-6
Date Collected: 09/26/25 15:25
Date Received: 09/26/25 16:20

Lab Sample ID: 460-335806-87
Matrix: Solid

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Analysis	Moisture		1	1064401	CJC	EET EDI	09/28/25 21:11

Lab Chronicle

Client: Haley & Aldrich, Inc.
Project/Site: Former Port Mobil

Job ID: 460-335806-1

Client Sample ID: 58J1_5-6

Lab Sample ID: 460-335806-87
Date Collected: 09/26/25 15:25
Matrix: Solid
Date Received: 09/26/25 16:20
Percent Solids: 95.2

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Prep	5035			1064529	JCZ	EET EDI	09/29/25 10:31
Total/NA	Analysis	8260D		1	1065774	SZK	EET EDI	10/03/25 23:58

Client Sample ID: 58J2_6-7

Lab Sample ID: 460-335806-88
Date Collected: 09/26/25 15:30
Matrix: Solid
Date Received: 09/26/25 16:20

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Analysis	Moisture		1	1064401	CJC	EET EDI	09/28/25 21:11

Client Sample ID: 58J2_6-7

Lab Sample ID: 460-335806-88
Date Collected: 09/26/25 15:30
Matrix: Solid
Date Received: 09/26/25 16:20
Percent Solids: 91.8

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Prep	5035			1064529	JCZ	EET EDI	09/29/25 10:31
Total/NA	Analysis	8260D		1	1065774	SZK	EET EDI	10/04/25 00:21

Client Sample ID: 58J3_7-8

Lab Sample ID: 460-335806-89
Date Collected: 09/26/25 15:35
Matrix: Solid
Date Received: 09/26/25 16:20

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Analysis	Moisture		1	1064401	CJC	EET EDI	09/28/25 21:11

Client Sample ID: 58J3_7-8

Lab Sample ID: 460-335806-89
Date Collected: 09/26/25 15:35
Matrix: Solid
Date Received: 09/26/25 16:20
Percent Solids: 90.5

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Prep	5035			1064529	JCZ	EET EDI	09/29/25 10:32
Total/NA	Analysis	8260D		1	1065774	SZK	EET EDI	10/04/25 00:44

Client Sample ID: 58J1_8-9

Lab Sample ID: 460-335806-90
Date Collected: 09/26/25 15:40
Matrix: Solid
Date Received: 09/26/25 16:20

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Analysis	Moisture		1	1064401	CJC	EET EDI	09/28/25 21:11

Lab Chronicle

Client: Haley & Aldrich, Inc.
Project/Site: Former Port Mobil

Job ID: 460-335806-1

Client Sample ID: 58J1_8-9

Date Collected: 09/26/25 15:40
Date Received: 09/26/25 16:20

Lab Sample ID: 460-335806-90

Matrix: Solid
Percent Solids: 89.0

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Prep	5035			1064529	JCZ	EET EDI	09/29/25 10:32
Total/NA	Analysis	8260D		1	1065774	SZK	EET EDI	10/04/25 01:07

Laboratory References:

EET EDI = Eurofins Edison, 777 New Durham Road, Edison, NJ 08817, TEL (732)549-3900

ELLE = Eurofins Lancaster Laboratories Environment Testing, LLC, 2425 New Holland Pike, Lancaster, PA 17601, TEL (717)656-2300

Accreditation/Certification Summary

Client: Haley & Aldrich, Inc.
Project/Site: Former Port Mobil

Job ID: 460-335806-1

Laboratory: Eurofins Edison

Unless otherwise noted, all analytes for this laboratory were covered under each accreditation/certification below.

Authority	Program	Identification Number	Expiration Date
New York	NELAP	11452	04-01-26

The following analytes are included in this report, but the laboratory is not certified by the governing authority. This list may include analytes for which the agency does not offer certification.

Analysis Method	Prep Method	Matrix	Analyte
8270E	3546	Solid	3 & 4 Methylphenol
Moisture		Solid	Percent Moisture
Moisture		Solid	Percent Solids

Laboratory: Eurofins Lancaster Laboratories Environment Testing, LLC

All accreditations/certifications held by this laboratory are listed. Not all accreditations/certifications are applicable to this report.

Authority	Program	Identification Number	Expiration Date
A2LA	Dept. of Defense ELAP	0001.01	11-30-26
A2LA	Dept. of Energy	0001.01	11-30-26
A2LA	ISO/IEC 17025	0001.01	11-30-26
Alabama	State	43200	01-31-26
Alaska	State	PA00009	06-30-26
Alaska (UST)	State	17-027	12-30-26
Arizona	State	AZ0780	03-12-26
Arkansas DEQ	State	88-00660	08-09-26
California	State	2792	01-31-26
Colorado	State	PA00009	06-30-26
Connecticut	State	PH-0746	06-30-27
DE Haz. Subst. Cleanup Act (HSCA)	State	019-006 (PA cert)	01-31-26
Delaware (DW)	State	N/A	01-31-26
Florida	NELAP	E87997	07-01-26
Georgia (DW)	State	C048	01-31-26
Illinois	NELAP	200027	01-31-26
Iowa	State	361	03-01-26
Kansas	NELAP	E-10151	10-31-25
Kentucky (DW)	State	KY90088	12-31-25
Kentucky (UST)	State	0001.01	11-30-26
Kentucky (WW)	State	KY90088	12-31-25
Louisiana (All)	NELAP	02055	06-30-26
Maine	State	2019012	03-12-27
Maryland	State	100	06-30-26
Massachusetts	State	M-PA009	06-30-26
Michigan	State	9930	01-31-26
Minnesota	NELAP	042-999-487	12-31-25
Mississippi	State	023	01-31-26
Missouri	State	450	01-31-28
Montana (DW)	State	0098	01-01-26
Nebraska	State	NE-OS-32-17	01-31-26
New Hampshire	NELAP	2730	01-10-26
New Jersey	NELAP	PA011	06-30-26
New York	NELAP	10670	04-01-26
North Carolina (DW)	State	42705	07-31-26
North Carolina (WW/SW)	State	521	12-31-25
North Dakota	State	R-205	01-31-24 *
Ohio	State	87787	01-31-26

* Accreditation/Certification renewal pending - accreditation/certification considered valid.

Accreditation/Certification Summary

Client: Haley & Aldrich, Inc.
Project/Site: Former Port Mobil

Job ID: 460-335806-1

Laboratory: Eurofins Lancaster Laboratories Environment Testing, LLC (Continued)

All accreditations/certifications held by this laboratory are listed. Not all accreditations/certifications are applicable to this report.

Authority	Program	Identification Number	Expiration Date
Oklahoma	NELAP	9804	12-31-25
Oregon	NELAP	PA200001	09-12-26
Pennsylvania	NELAP	36-00037	01-31-26
Quebec Ministry of Environment and Fight against Climate Change	PALA	507	09-16-29
Rhode Island	State	LAO00338	12-30-25
South Carolina	State	89002	01-31-26
Tennessee	State	02838	01-31-26
Texas	NELAP	T104704194-23-46	08-31-26
USDA	US Federal Programs	525-22-298-19481	10-25-25
Vermont	State	VT - 36037	10-27-25
Virginia	NELAP	460182	06-14-26
Washington	State	C457	04-11-26
West Virginia (DW)	State	9906 C	03-31-26
West Virginia DEP	State	055	07-31-26
Wyoming	State	8TMS-L	01-31-26
Wyoming (UST)	A2LA	0001.01	11-30-26

Method Summary

Client: Haley & Aldrich, Inc.
Project/Site: Former Port Mobil

Job ID: 460-335806-1

Method	Method Description	Protocol	Laboratory
8260D	Volatile Organic Compounds by GC/MS	SW846	EET EDI
8270E	Semivolatile Organic Compounds (GC/MS)	SW846	EET EDI
8081B	Organochlorine Pesticides (GC)	SW846	EET EDI
8082A	Polychlorinated Biphenyls (PCBs) by Gas Chromatography	SW846	EET EDI
1633A	Per- and Polyfluoroalkyl Substances by LC/MS/MS, 1633A	EPA	ELLE
6020B	Metals (ICP/MS)	SW846	EET EDI
7471B	Mercury (CVAA)	SW846	EET EDI
Moisture	Percent Moisture	EPA	EET EDI
1633A Shake	Shake Extraction with SPE	EPA	ELLE
3050B	Preparation, Metals	SW846	EET EDI
3546	Microwave Extraction	SW846	EET EDI
5035	Closed System Purge and Trap	SW846	EET EDI
7471B	Preparation, Mercury	SW846	EET EDI

Protocol References:

EPA = US Environmental Protection Agency

SW846 = "Test Methods For Evaluating Solid Waste, Physical/Chemical Methods", Third Edition, November 1986 And Its Updates.

Laboratory References:

EET EDI = Eurofins Edison, 777 New Durham Road, Edison, NJ 08817, TEL (732)549-3900

ELLE = Eurofins Lancaster Laboratories Environment Testing, LLC, 2425 New Holland Pike, Lancaster, PA 17601, TEL (717)656-2300

Sample Summary

Client: Haley & Aldrich, Inc.
Project/Site: Former Port Mobil

Job ID: 460-335806-1

Lab Sample ID	Client Sample ID	Matrix	Collected	Received	Sample Origin
460-335806-1	58A_0-5	Solid	09/26/25 08:00	09/26/25 16:20	New York
460-335806-2	58A_5-10	Solid	09/26/25 08:05	09/26/25 16:20	New York
460-335806-3	58B_0-5	Solid	09/26/25 08:10	09/26/25 16:20	New York
460-335806-4	58B_5-10	Solid	09/26/25 08:15	09/26/25 16:20	New York
460-335806-5	58C_0-5	Solid	09/26/25 08:20	09/26/25 16:20	New York
460-335806-6	58C_5-10	Solid	09/26/25 08:25	09/26/25 16:20	New York
460-335806-7	58D_0-5	Solid	09/26/25 08:30	09/26/25 16:20	New York
460-335806-8	58D_5-10	Solid	09/26/25 08:35	09/26/25 16:20	New York
460-335806-9	58E_0-5	Solid	09/26/25 08:40	09/26/25 16:20	New York
460-335806-10	58E_5-10	Solid	09/26/25 08:45	09/26/25 16:20	New York
460-335806-11	58F_0-5	Solid	09/26/25 09:00	09/26/25 16:20	New York
460-335806-12	58F_5-10	Solid	09/26/25 09:05	09/26/25 16:20	New York
460-335806-13	58G_0-5	Solid	09/26/25 09:10	09/26/25 16:20	New York
460-335806-14	58G_5-10	Solid	09/26/25 09:15	09/26/25 16:20	New York
460-335806-15	58H_0-5	Solid	09/26/25 09:20	09/26/25 16:20	New York
460-335806-16	58H_5-10	Solid	09/26/25 09:25	09/26/25 16:20	New York
460-335806-17	58I_0-5	Solid	09/26/25 09:30	09/26/25 16:20	New York
460-335806-18	58I_5-10	Solid	09/26/25 09:35	09/26/25 16:20	New York
460-335806-19	58J_0-5	Solid	09/26/25 09:40	09/26/25 16:20	New York
460-335806-20	58J_5-10	Solid	09/26/25 09:45	09/26/25 16:20	New York
460-335806-21	58A1_1-2	Solid	09/26/25 10:00	09/26/25 16:20	New York
460-335806-22	58A2_2-3	Solid	09/26/25 10:05	09/26/25 16:20	New York
460-335806-23	58A3_3-4	Solid	09/26/25 10:10	09/26/25 16:20	New York
460-335806-24	58A1_5-6	Solid	09/26/25 10:15	09/26/25 16:20	New York
460-335806-25	58A2_6-7	Solid	09/26/25 10:20	09/26/25 16:20	New York
460-335806-26	58A3_7-8	Solid	09/26/25 10:25	09/26/25 16:20	New York
460-335806-27	58A2_9-10	Solid	09/26/25 10:30	09/26/25 16:20	New York
460-335806-28	58B1_0-1	Solid	09/26/25 10:35	09/26/25 16:20	New York
460-335806-29	58B2_2-3	Solid	09/26/25 10:40	09/26/25 16:20	New York
460-335806-30	58B2_3-4	Solid	09/26/25 10:45	09/26/25 16:20	New York
460-335806-31	58B1_4-5	Solid	09/26/25 10:50	09/26/25 16:20	New York
460-335806-32	58B2_5-6	Solid	09/26/25 10:55	09/26/25 16:20	New York
460-335806-33	58B3_7-8	Solid	09/26/25 11:00	09/26/25 16:20	New York
460-335806-34	58B2_9-10	Solid	09/26/25 11:05	09/26/25 16:20	New York
460-335806-35	58C3_1-2	Solid	09/26/25 11:10	09/26/25 16:20	New York
460-335806-36	58C2_2-3	Solid	09/26/25 11:15	09/26/25 16:20	New York
460-335806-37	58C1_3-4	Solid	09/26/25 11:20	09/26/25 16:20	New York
460-335806-38	58C3_5-6	Solid	09/26/25 11:25	09/26/25 16:20	New York
460-335806-39	58C2_6-7	Solid	09/26/25 11:30	09/26/25 16:20	New York
460-335806-40	58C1_7-8	Solid	09/26/25 11:35	09/26/25 16:20	New York
460-335806-41	58C3_8-9	Solid	09/26/25 11:40	09/26/25 16:20	New York
460-335806-42	58D1_1-2	Solid	09/26/25 11:42	09/26/25 16:20	New York
460-335806-43	58D2_2-3	Solid	09/26/25 11:45	09/26/25 16:20	New York
460-335806-44	58D3_4-5	Solid	09/26/25 11:50	09/26/25 16:20	New York
460-335806-45	58D1_5-6	Solid	09/26/25 11:55	09/26/25 16:20	New York
460-335806-46	58D2_6-7	Solid	09/26/25 12:00	09/26/25 16:20	New York
460-335806-47	58D3_8-9	Solid	09/26/25 12:05	09/26/25 16:20	New York
460-335806-48	58D3_9-10	Solid	09/26/25 12:10	09/26/25 16:20	New York
460-335806-49	58E1_1-2	Solid	09/26/25 12:15	09/26/25 16:20	New York
460-335806-50	58E2_2-3	Solid	09/26/25 12:20	09/26/25 16:20	New York
460-335806-51	58E3_4-5	Solid	09/26/25 12:05	09/26/25 16:20	New York
460-335806-52	58E1_5-6	Solid	09/26/25 12:30	09/26/25 16:20	New York
460-335806-53	58E2_7-8	Solid	09/26/25 12:35	09/26/25 16:20	New York

Sample Summary

Client: Haley & Aldrich, Inc.
Project/Site: Former Port Mobil

Job ID: 460-335806-1

Lab Sample ID	Client Sample ID	Matrix	Collected	Received	Sample Origin
460-335806-54	58E3_8-9	Solid	09/26/25 12:40	09/26/25 16:20	New York
460-335806-55	58E2_9-10	Solid	09/26/25 12:45	09/26/25 16:20	New York
460-335806-56	58F1_1-2	Solid	09/26/25 12:50	09/26/25 16:20	New York
460-335806-57	58F2_3-4	Solid	09/26/25 12:55	09/26/25 16:20	New York
460-335806-58	58F3_4-5	Solid	09/26/25 13:00	09/26/25 16:20	New York
460-335806-59	58F1_5-6	Solid	09/26/25 13:05	09/26/25 16:20	New York
460-335806-60	58F2_7-8	Solid	09/26/25 13:10	09/26/25 16:20	New York
460-335806-61	58F3_8-9	Solid	09/26/25 13:15	09/26/25 16:20	New York
460-335806-62	58F1_9-10	Solid	09/26/25 13:20	09/26/25 16:20	New York
460-335806-63	58G1_1-2	Solid	09/26/25 13:25	09/26/25 16:20	New York
460-335806-64	58G2_3-4	Solid	09/26/25 13:30	09/26/25 16:20	New York
460-335806-65	58G3_4-5	Solid	09/26/25 13:35	09/26/25 16:20	New York
460-335806-66	58G1_5-6	Solid	09/26/25 13:40	09/26/25 16:20	New York
460-335806-67	58G2_7-8	Solid	09/26/25 13:45	09/26/25 16:20	New York
460-335806-68	58G3_9-10	Solid	09/26/25 13:50	09/26/25 16:20	New York
460-335806-69	58G3_6-7	Solid	09/26/25 13:55	09/26/25 16:20	New York
460-335806-70	58H1_2-3	Solid	09/26/25 14:00	09/26/25 16:20	New York
460-335806-71	58H2_3-4	Solid	09/26/25 14:05	09/26/25 16:20	New York
460-335806-72	58H3_1-2	Solid	09/26/25 14:10	09/26/25 16:20	New York
460-335806-73	58H1_5-6	Solid	09/26/25 14:15	09/26/25 16:20	New York
460-335806-74	58H2_6-7	Solid	09/26/25 14:20	09/26/25 16:20	New York
460-335806-75	58H3_7-8	Solid	09/26/25 14:25	09/26/25 16:20	New York
460-335806-76	58H1_9-10	Solid	09/26/25 14:30	09/26/25 16:20	New York
460-335806-77	58I2_0-1	Solid	09/26/25 14:35	09/26/25 16:20	New York
460-335806-78	58I1_1-2	Solid	09/26/25 14:40	09/26/25 16:20	New York
460-335806-79	58I3_3-4	Solid	09/26/25 14:45	09/26/25 16:20	New York
460-335806-80	58I2_4-5	Solid	09/26/25 14:50	09/26/25 16:20	New York
460-335806-81	58I3_5-6	Solid	09/26/25 14:55	09/26/25 16:20	New York
460-335806-82	58I1_7-8	Solid	09/26/25 15:00	09/26/25 16:20	New York
460-335806-83	58I2_9-10	Solid	09/26/25 15:05	09/26/25 16:20	New York
460-335806-84	58J1_1-2	Solid	09/26/25 15:10	09/26/25 16:20	New York
460-335806-85	58J2_2-3	Solid	09/26/25 15:15	09/26/25 16:20	New York
460-335806-86	58J3_3-4	Solid	09/26/25 15:20	09/26/25 16:20	New York
460-335806-87	58J1_5-6	Solid	09/26/25 15:25	09/26/25 16:20	New York
460-335806-88	58J2_6-7	Solid	09/26/25 15:30	09/26/25 16:20	New York
460-335806-89	58J3_7-8	Solid	09/26/25 15:35	09/26/25 16:20	New York
460-335806-90	58J1_8-9	Solid	09/26/25 15:40	09/26/25 16:20	New York

Eurofins Edison
777 New Durham Road
Edison, NJ 08817
Phone (732) 549-3900 Phone (732) 549-3679

3 coolers Total.

Chain of Custody Record

eurofins | Environment Testing

Client Information	Sampler: KRO	Lab PM: Flannery Elizabeth J	Carrier Tracking No(s):	COC No: 460-200410-131129.8
Client Contact: Sarah Commisso	Phone:	E-Mail: Elizabeth.Flannery@et.eurofinsus.com	State of Origin:	Page: ~~Page 8 of 21~~ 1/9
Company: Haley & Aldrich, Inc.	PWSID:			Job #: 335806
Address: 213 West 35th Street, 7th Floor	Due Date Requested:			
City: New York	TAT Requested (days): 5-DAY			
State, Zip: NY 10001	Compliance Project: Δ Yes Δ No			
Phone:	PO #: ~~0208968-001-001-00~~ 0213836-001-03			
Email: SCommisso@haleyaldrich.com	WO #: 4101 Arthur Kill Road, Staten Island, NY			
Project Name: 4101 Arthur Kill Former Port Mobil	Project #: 46042832			
Site:	SSOW#:			

Analysis Requested

Preservation Codes: N None; F MeOH

460-335806 Chain of Custody

Sample Identification	Sample Date	Sample Time	Sample Type (C=comp, G=grab)	Matrix (W=water, S=solid, O=waste/oil, BT=Tissue, A=Air, DW=Drinking Water)	Field Filtered Sample (Yes or No)	Perform MS/MSD (Yes or No)	8020B, 7471B, 8081B, 8082A, 8270E	8260D TCLP part 375 VOCs	1633 - Standard List of 40	Total Num	Special Instructions/Note:
		Preservation Code:					N	F	N		
58A_0-5	9/26/25	800	C	Solid			X		X		1
58A_5-10		805		Solid							2
58B_0-5		810		Solid							3
58B_5-10		815		Solid							4
58C_0-5		820		Solid							5
58C_5-10		825		Solid							6
58D_0-5		830		Solid							7
58D_5-10		835		Solid							8
58E_0-5		840		Solid							9
58E_5-10		845		Solid							10
58F_0-5		~~855~~ 900		Solid							11

Possible Hazard Identification
☐ Non-Hazard ☐ Flammable ☐ Skin Irritant ☐ Poison B ☐ Unknown ☐ Radiological

Sample Disposal (A fee may be assessed if samples are retained longer than 1 month)
☐ Return To Client ☐ Disposal By Lab ☐ Archive For _____ Months

Deliverable Requested: I, II, III, IV Other (specify)

Special Instructions/QC Requirements:

Empty Kit Relinquished by:	Date:	Time:	Method of Shipment:
Relinquished by:	Date/Time: 9/26/25 1525	Company: H&A	Received by:	Date/Time: 09/26/25 15:41	Company
Relinquished by:	Date/Time: 09/26/25	Company: EE-20	Received by:	Date/Time: 9/26/25 1520	Company: EET6
Relinquished by:	Date/Time:	Company	Received by:	Date/Time:	Company

Custody Seals Intact: Δ Yes Δ No | Custody Seal No. 2-0-1-7 / 2-3-20

Cooler Temperature(s) °C and Other Remarks: 2.3-2.2-2

Ver 05/06/2024

Eurofins Edison
777 New Durham Road
Edison, NJ 08817
Phone (732) 549-3900 Phone (732) 549-3679

Chain of Custody Record

eurofins | Environment Testing

Client Information	Sampler: KRO	Lab PM: Flannery Elizabeth J	Carrier Tracking No(s):	COC No: 460-200410-131129.9
Client Contact: Sarah Commisso	Phone:	E-Mail: Elizabeth.Flannery@et.eurofinsus.com	State of Origin:	Page: Page ~~9 of 21~~ 2 19
Company: Haley & Aldrich, Inc.	PWSID:			Job #: 335806
Address: 213 West 35th Street, 7th Floor	Due Date Requested:			
City: New York	TAT Requested (days): 5-DAY			
State, Zip: NY 10001	Compliance Project: Δ Yes Δ No			
Phone:	PO #: 0213836-001-002-03 0208988-001-001-06			
Email: SCommisso@haleyaldrich.com	WO #: 4101 Arthur Kill Road, Staten Island, NY			
Project Name: 4101 Arthur Kill - Former Port Mobil	Project #: 46042832			
Site:	SSOW#:			

Analysis Requested

Preservation Codes: N None; F MeOH

Sample Identification	Sample Date	Sample Time	Sample Type (C=Comp, G=grab)	Matrix (W=water, S=solid, O=waste/oil, BT=Tissue, A=Air, DW=Drinking Water)	Field Filtered Sample (Yes or No)	Perform MS/MSD (Yes or No)	8020B, 7471B, 8081B, 8082A, 8270E	8260D TCLPart 375 VOCs	1633 Standard List of 9D	Total Number of containers	Special Instructions/Note:
			Preservation Code:				N	F	N		
58F_5-10	9/26/25	905	C	Solid			X		X		12
58G_0-5		910		Solid							13
58G_5-10		915		Solid							14
58H_0-5		920		Solid							15
58H_5-10		925		Solid							16
58I_0-5		930		Solid							17
58I_5-10		935		Solid							18
58J_0-5		940		Solid							19
58J_5-10		945		Solid							20
				Solid							
				Solid							

Other:

Possible Hazard Identification
☐ Non-Hazard ☐ Flammable ☐ Skin Irritant ☐ Poison B ☐ Unknown ☐ Radiological

Sample Disposal (A fee may be assessed if samples are retained longer than 1 month)
☐ Return To Client ☐ Disposal By Lab ☐ Archive For _____ Months

Deliverable Requested: I, II, III, IV Other (specify)

Special Instructions/QC Requirements:

Empty Kit Relinquished by	Date:	Time:	Method of Shipment:

	Relinquished by:	Date/Time:	Company	Received by:	Date/Time:	Company
1	K Dlown	9/26/25 1535	HSA		09/26/25 1535	HSA
2		09/26/25	TC-20		9/26/25 1620	HSA
3	Relinquished by:	Date/Time:	Company	Received by:	Date/Time:	Company

Custody Seals Intact: Δ Yes Δ No	Custody Seal No.	Cooler Temperature(s) °C and Other Remarks:

Ver: 05/06/2024

Page 360 of 373

10/7/2025

Eurofins Edison
777 New Durham Road
Edison, NJ 08817
Phone (732) 549-3900 Phone (732) 549-3679

Chain of Custody Record

eurofins | Environment Testing

Client Information	Sampler: KRO	Lab PM: Flannery Elizabeth J	Carrier Tracking No(s):	COC No: 460-200410-131129.10
Client Contact: Sarah Commisso	Phone:	E-Mail: Elizabeth.Flannery@et.eurofinsus.com	State of Origin:	Page: Page ~~10 of 24~~ 3 19
Company: Haley & Aldrich, Inc.	PWSID:			Job #: 335806
Address: 213 West 35th Street, 7th Floor	Due Date Requested:			
City: New York	TAT Requested (days): 5-DAY			
State, Zip: NY 10001	Compliance Project: Δ Yes Δ No			
Phone:	PO #: 02153316-001-002-03 ~~0208988-001-001-06~~			
Email: SCommisso@haleyaldrich.com	WO #: 4101 Arthur Kill Road, Staten Island, NY			
Project Name: 4101 Arthur Kill Former Port Mobil	Project #: 46042832			
Site:	SSOW#:			

Analysis Requested

Preservation Codes:
N None
F MeOH
Other:

Sample Identification	Sample Date	Sample Time	Sample Type (C=Comp, G=grab)	Matrix (W=water, S=solid, O=waste/oil, BT=Tissue, A=Air, DW=Drinking Water)	Field Filtered Sample (Yes or No)	Perform MS/MSD (Yes or No)	6020B, 7471B, 8081B, 8082A, 8270E	8260D TCLPart 375 VOCs	Total Number of containers	Special Instructions/Note:
Preservation Code:							N	F		
58A1_1-2	9/26/25	1000	G	Solid				X		21
58A2_2-3		1005		Solid						22
58A3_3-4		1010		Solid						23
58A1_5-6		1015		Solid						24
58A2_6-7		1020		Solid						25
58A3_7-8		1025		Solid						26
58A2_9-10		1030		Solid						27
58B1_0-1		1035		Solid						28
58B2_2-3		1040		Solid						29
58B3_3-4		1045		Solid						30
58B1_4-5		1050		Solid						31

Possible Hazard Identification
☐ Non-Hazard ☐ Flammable ☐ Skin Irritant ☐ Poison B ☐ Unknown ☐ Radiological

Sample Disposal (A fee may be assessed if samples are retained longer than 1 month)
☐ Return To Client ☐ Disposal By Lab ☐ Archive For _____ Months

Deliverable Requested: I II, III, IV Other (specify)

Special Instructions/QC Requirements:

Empty Kit Relinquished by:	Date:	Time:	Method of Shipment:
Relinquished by: KOlsen	Date/Time: 9/26/25 1535	Company: HHA	Received by: [signature] 09/26
Relinquished by: [signature]	Date/Time: 09/26/25	Company: [illegible]	Received by: [signature]
Relinquished by:	Date/Time:	Company:	Received by:

Received by:	Date/Time:	Company
	1545	
	9/28/25 1620	[illegible]
	Date/Time:	Company

Custody Seals Intact: Δ Yes Δ No | Custody Seal No.:

Cooler Temperature(s) °C and Other Remarks:

Ver 05/06/2024

Eurofins Edison
777 New Durham Road
Edison, NJ 08817
Phone (732) 549-3900 Phone (732) 549-3679

Chain of Custody Record

eurofins | Environment Testing

Client Information	Sampler: KRO	Lab PM: Flannery Elizabeth J	Carrier Tracking No(s):	COC No: 460-200410-131129.11
Client Contact: Sarah Commisso	Phone:	E-Mail: Elizabeth.Flannery@et.eurofinsus.com	State of Origin:	Page: ~~Page 11 of 27~~ 4/9
Company: Haley & Aldrich, Inc.	PWSID:			Job #: 335806
Address: 213 West 35th Street, 7th Floor	Due Date Requested:			
City: New York	TAT Requested (days): 5 DAY			
State, Zip: NY 10001	Compliance Project: Δ Yes Δ No			
Phone:	PO #: ~~0208988-001-001-06~~ 0213836-C01-C02-03			
Email: SCommisso@haleyaldrich.com	WO #: 4101 Arthur Kill Road, Staten Island, NY			
Project Name: 4101 Arthur Kill - Former Port Mobil	Project #: 46042832			
Site:	SSOW#:			

Analysis Requested

Preservation Codes: N None; F MeOH; Other

Sample Identification	Sample Date	Sample Time	Sample Type (C=comp, G=grab)	Matrix (W=water, S=solid, O=waste/oil, BT=Tissue, A=Air, DW=Drinking Water)	Field Filtered Sample (Yes or No)	Perform MS/MSD (Yes or No)	6020B, 7471B, 8081B, 8082A, 8270E	8260D TCL/Part 375 VOCs	Total Number of containers	Special Instructions/Note:
			Preservation Code:				N	F		
58B2_5-6	9/26/25	1055	G	Solid				X		32
58B3_7-8		1100		Solid						33
58B2_9-10		1105		Solid						34
58C3_1-2		1110		Solid						35
58C2_2-3		1115		Solid						36
58C3_3-4		1120		Solid						37
58C3_5-6		1125		Solid						38
58C2_6-7		1130		Solid						39
58C1_7-8		1135		Solid						40
58C3_8-9		1140		Solid						41
58D1_1-2		1145		Solid						42

Possible Hazard Identification
☐ Non-Hazard ☐ Flammable ☐ Skin Irritant ☐ Poison B ☐ Unknown ☐ Radiological

Sample Disposal (A fee may be assessed if samples are retained longer than 1 month)
☐ Return To Client ☐ Disposal By Lab ☐ Archive For _____ Months

Deliverable Requested: I, II, III, IV Other (specify)

Special Instructions/QC Requirements:

Empty Kit Relinquished by:	Date:	Time:	Method of Shipment:

	Relinquished by:	Date/Time:	Company	Received by:	Date/Time:	Company
	KOlsson	9/26/25 1535	T&A		09/26/25	15:47
	Relinquished by:	Date/Time:	Company	Received by:	Date/Time:	Company
		09/26/25	16:20		9/26/25 1620	EET
	Relinquished by:	Date/Time:	Company	Received by:	Date/Time:	Company

Custody Seals Intact: Δ Yes Δ No | Custody Seal No.:

Cooler Temperature(s) °C and Other Remarks:

Ver 05/06/2024

Eurofins Edison
777 New Durham Road
Edison, NJ 08817
Phone (732) 549-3900 Phone (732) 549-3679

Chain of Custody Record

eurofins | Environment Testing

Client Information	Sampler: KRO	Lab PM: Flannery Elizabeth J	Carrier Tracking No(s):	COC No: 460-200410-131129.12
Client Contact: Sarah Commisso	Phone:	E-Mail: Elizabeth.Flannery@et.eurofinsus.com	State of Origin:	Page: Page ~~12 of 21~~ 5/9
Company: Haley & Aldrich, Inc.	PWSID:			Job #: 325806
Address: 213 West 35th Street, 7th Floor	Due Date Requested:			
City: New York	TAT Requested (days): 5-DAY			
State, Zip: NY 10001	Compliance Project: Δ Yes Δ No			
Phone:	PO #: 0213836-001-002 03 ~~0208088-001-001.05~~			
Email: SCommisso@haleyaldrich.com	WO #: 4101 Arthur Kill Road, Staten Island, NY			
Project Name: 4101 Arthur Kill Former Port Mobil	Project #: 46042832			
Site:	SSOW#:			

Analysis Requested

Preservation Codes: N None; F MeOH; Other

Sample Identification	Sample Date	Sample Time	Sample Type (C=Comp, G=grab)	Matrix (W=water, S=solid, O=waste/oil, BT=Tissue, A=Air, DW=Drinking Water)	Field Filtered Sample (Yes or No)	Perform MS/MSD (Yes or No)	8020B, 7471B, 8081B, 8082A, 8270E	8260D TCL/Part 375 VOCs	Total Number of containers	Special Instructions/Note:
			Preservation Code:				N	F		
58D2_2-3	9/26/25	1145	G	Solid				X		43
58D3_~~3-4~~ 4-5		1150		Solid						44
58D1_5-6		1155		Solid						45
58D2_6-7		1200		Solid						46
58D3_8-9		1205		Solid						47
58D3_9-10		1210		Solid						48
58E1_1-2		1215		Solid						49
58E2_2-3		1220		Solid						50
58E3_4-5		1225		Solid						51
58E1_5-6		1230		Solid						52
58E2_7-8		1235		Solid						53

Possible Hazard Identification
☐ Non-Hazard ☐ Flammable ☐ Skin Irritant ☐ Poison B ☐ Unknown ☐ Radiological

Sample Disposal (A fee may be assessed if samples are retained longer than 1 month)
☐ Return To Client ☐ Disposal By Lab ☐ Archive For _____ Months

Deliverable Requested: I, II, III, IV Other (specify)

Special Instructions/QC Requirements:

Empty Kit Relinquished by:	Date:	Time:	Method of Shipment:

	Relinquished by:	Date/Time:	Company	Received by:	Date/Time:	Company
	KOlsson	9/26/25 1535	HHA		09/26/25 1535	HHA
	Relinquished by:	Date/Time:	Company	Received by:	Date/Time:	Company
		09/26/25	1620		9/26/25 1620	EGTG
	Relinquished by:	Date/Time:	Company	Received by:	Date/Time:	Company

Custody Seals Intact: Δ Yes Δ No | Custody Seal No.:

Cooler Temperature(s) °C and Other Remarks:

Ver: 05/06/2024

Eurofins Edison
777 New Durham Road
Edison, NJ 08817
Phone (732) 549-3900 Phone (732) 549-3679

Chain of Custody Record

eurofins | Environment Testing

Client Information	Sampler: KRO	Lab PM: Flannery Elizabeth J	Carrier Tracking No(s):	COC No: 460-200410-131129.13
Client Contact: Sarah Commisso	Phone:	E-Mail: Elizabeth.Flannery@et.eurofinsus.com	State of Origin:	Page: Page ~~18 of 24~~ 6/9
Company: Haley & Aldrich, Inc.	PWSID:			Job #: 3258176
Address: 213 West 35th Street, 7th Floor	Due Date Requested:			
City: New York	TAT Requested (days): 5-DAY			
State, Zip: NY 10001	Compliance Project: Δ Yes Δ No			
Phone:	PO #: 0213836-001-002-03 ~~0208088-001-001-06~~			
Email: SCommisso@haleyaldrich.com	WO #: 4101 Arthur Kill Road, Staten Island, NY			
Project Name: 4101 Arthur Kill Former Port Mobil	Project #: 46042832			
Site:	SSOW#:			

Analysis Requested

Preservation Codes: N None; F MeOH; Other

Sample Identification	Sample Date	Sample Time	Sample Type (C=comp, G=grab)	Matrix (W=water, S=solid, O=waste/oil, BT=Tissue, A=Air, DW=Drinking Water)	Field Filtered Sample (Yes or No)	Perform MS/MSD (Yes or No)	6020B, 7471B, 8081B, 8082A, 8270E 8260D TCL/Part 375 VOCs	Total Number of containers	Special Instructions/Note:
			Preservation Code:				N F		
58E3_8-9	9/26/25	1240	G	Solid			X		54
58E2_9-10		1245		Solid					55
58F1_1-2		1250		Solid					56
58F2_3 4		1255		Solid					57
58F3_4-5		1300		Solid					58
58F1_5-6		1305		Solid					59
58F2_7-8		1310		Solid					60
58F3_8-9		1315		Solid					61
58F1_9-10		1320		Solid					62
58G1_1-2		1325		Solid					63
58G2_3-4		1330		Solid					64

Possible Hazard Identification
☐ Non-Hazard ☐ Flammable ☐ Skin Irritant ☐ Poison B ☐ Unknown ☐ Radiological

Sample Disposal (A fee may be assessed if samples are retained longer than 1 month)
☐ Return To Client ☐ Disposal By Lab ☐ Archive For _____ Months

Deliverable Requested: I, II, III, IV Other (specify)

Special Instructions/QC Requirements:

Empty Kit Relinquished by:	Date:	Time:	Method of Shipment:				
Relinquished by: KOlonnn	Date/Time: 9/26/25 1535	Company: H&A	Received by:	Date/Time: 09/26/25 15	Company:		
Relinquished by:	Date/Time: 09/26/25	Company: 16-20	Received by:	Date/Time: 9/26/25 1620	Company: EST		
Relinquished by:	Date/Time:	Company:	Received by:	Date/Time:	Company:		

Custody Seals Intact: Δ Yes Δ No	Custody Seal No.	Cooler Temperature(s) °C and Other Remarks:

Ver: 05/06/2024

Eurofins Edison
777 New Durham Road
Edison, NJ 08817
Phone (732) 549-3900 Phone (732) 549-3679

Chain of Custody Record

eurofins | Environment Testing

Client Information	Sampler: KRO	Lab PM: Flannery Elizabeth J	Carrier Tracking No(s):	COC No: 460-200410-131129.14
Client Contact: Sarah Commisso	Phone:	E-Mail: Elizabeth.Flannery@et.eurofinsus.com	State of Origin:	Page: Page ~~14 of 21~~ 7/9
Company: Haley & Aldrich, Inc.	PWSID:			Job #: 135806
Address: 213 West 35th Street, 7th Floor	Due Date Requested:			
City: New York	TAT Requested (days): 5-DAY			
State, Zip: NY 10001	Compliance Project: Δ Yes Δ No			
Phone:	PO #: 0213536-001-002-03 ~~0200988-001-001-06~~			
Email: SCommisso@haleyaldrich.com	WO #: 4101 Arthur Kill Road, Staten Island, NY			
Project Name: 4101 Arthur Kill Former Port Mobil	Project #: 46042832			
Site:	SSOW#:			

Analysis Requested

Preservation Codes: N None; F MeOH; Other:

Sample Identification	Sample Date	Sample Time	Sample Type (C=comp, G=grab)	Matrix (W=water, S=solid, O=waste/oil, BT=Tissue, A=Air, DW=Drinking Water)	Field Filtered Sample (Yes or No)	Perform MS/MSD (Yes or No)	6020B, 7471B, 6010B, 8082A, 8270E	8260D TCL/Part 375 VOCs	Total Number of containers	Special Instructions/Note:
			Preservation Code:				N	F		
58G3_4-5	9/26/25	1335	G	Solid				X		65
58G1_5-6		1340		Solid						66
58G2-7-8		1345		Solid						67
58G3_9-10		1350		Solid						68
58G3_6-7		1355		Solid						69
58H1_2-3		1400		Solid						70
58H2_3-4		1405		Solid						71
58H3_1-2		1410		Solid						72
58H1_5-6		1415		Solid						73
58H2_6-7		1420		Solid						74
58H3_7-8		1425		Solid						75

Possible Hazard Identification
☐ Non-Hazard ☐ Flammable ☐ Skin Irritant ☐ Poison B ☐ Unknown ☐ Radiological

Sample Disposal (A fee may be assessed if samples are retained longer than 1 month)
☐ Return To Client ☐ Disposal By Lab ☐ Archive For _____ Months

Deliverable Requested: I, II, III, IV Other (specify)

Special Instructions/QC Requirements:

Empty Kit Relinquished by:	Date:	Time:	Method of Shipment:

	Relinquished by:	Date/Time:	Company	Received by:	Date/Time:	Company
1	KOlomm	9/26/25 1535	HRA		9/26/25 1541	
2		09/26/25			9/26/25 1620	
3		Date/Time:	Company	Received by:	Date/Time:	Company

Custody Seals Intact: Δ Yes Δ No | Custody Seal No.:

Cooler Temperature(s) °C and Other Remarks:

Ver: 05/06/2024

Eurofins Edison
777 New Durham Road
Edison, NJ 08817
Phone (732) 549-3900 Phone (732) 549-3679

Chain of Custody Record

eurofins | Environment Testing

Client Information	Sampler: KRD	Lab PM: Flannery Elizabeth J	Carrier Tracking No(s):	COC No: 460-200410-131129.15
Client Contact: Sarah Commisso	Phone:	E-Mail: Elizabeth.Flannery@et.eurofinsus.com	State of Origin:	Page: Page ~~15 of 21~~ 8/9
Company: Haley & Aldrich, Inc.	PWSID:			Job #: 335806
Address: 213 West 35th Street, 7th Floor	Due Date Requested:			
City: New York	TAT Requested (days): 5-DAY			
State, Zip: NY 10001	Compliance Project: Δ Yes Δ No			
Phone:	PO #: 0213836 -001-002-03 ~~6208935-001-001-06~~			
Email: SCommisso@haleyaldrich.com	WO #: 4101 Arthur Kill Road, Staten Island, NY			
Project Name: 4101 Arthur Kill - Former Port Mobil	Project #: 46042832			
Site:	SSOW#:			

Analysis Requested

Preservation Codes: N None; F MeOH

Sample Identification	Sample Date	Sample Time	Sample Type (C=comp, G=grab)	Matrix (W=water, S=solid, O=waste/oil, BT=Tissue, A=Air, DW=Drinking Water)	Field Filtered Sample (Yes or No)	Perform MS/MSD (Yes or No)	6020B, 7471B, 8081B, 8082A, 8270E	8260D TCL/Part 375 VOCs	Total Number of containers	Special Instructions/Note:
			Preservation Code:				N	F		
58H1_9-10	9/26/25	1430	G	Solid				X		76
58I2_0-1		1435		Solid						77
58I1_1-2		1440		Solid						78
58I3_3-4		1445		Solid						79
58I2_4-5		1450		Solid						80
58I3_5-6		1455		Solid						81
58I1_7-8		1500		Solid						82
58I2_9-10		1505		Solid						83
58J1_1-2		1510		Solid						84
58J2_2-3		1515		Solid						85
58J3_3-4		1520		Solid						86

Possible Hazard Identification
☐ Non-Hazard ☐ Flammable ☐ Skin Irritant ☐ Poison B ☐ Unknown ☐ Radiological

Sample Disposal (A fee may be assessed if samples are retained longer than 1 month)
☐ Return To Client ☐ Disposal By Lab ☐ Archive For _____ Months

Deliverable Requested: I, II, III, IV Other (specify)

Special Instructions/QC Requirements:

Empty Kit Relinquished by:	Date:	Time:	Method of Shipment:

	Relinquished by:	Date/Time:	Company	Received by:	Date/Time:	Company
1	K Klomm	9/26/25 1535	MEA		9/26/25	
2		09/26/25 1620	G&O		9/26/25 1620	
3		Date/Time:	Company	Received by:	Date/Time:	Company

Custody Seals Intact: Δ Yes Δ No	Custody Seal No.	Cooler Temperature(s) °C and Other Remarks:

Ver: 05/06/2024

Eurofins Edison
777 New Durham Road
Edison NJ 08817
Phone (732) 549-3900 Phone (732) 549-3679

Chain of Custody Record

eurofins | Environment Testing

Client Information	Sampler: KRD	Lab PM: Flannery Elizabeth J	Carrier Tracking No(s):	COC No: 460-200410-131129.16
Client Contact: Sarah Commisso	Phone:	E-Mail: Elizabeth.Flannery@et.eurofinsus.com	State of Origin:	Page: Page ~~15 of 21~~ 9/9
Company: Haley & Aldrich, Inc.	PWSID:			Job #: 335806
Address: 213 West 35th Street, 7th Floor	Due Date Requested:			
City: New York	TAT Requested (days): 5 DAY			
State, Zip: NY 10001	Compliance Project: Δ Yes Δ No			
Phone:	PO #: 0213330-001-002-03 ~~9208988-001-001-06~~			
Email: SCommisso@haleyaldrich.com	WO #: 4101 Arthur Kill Road, Staten Island, NY			
Project Name: 4101 Arthur Kill - Former Port Mobil	Project #: 46042832			
Site:	SSOW#:			

Analysis Requested

Preservation Codes: N None; F MeOH

Sample Identification	Sample Date	Sample Time	Sample Type (C=comp, G=grab)	Matrix (W=water, S=solid, O=waste/oil, BT=Tissue, A=Air, DW=Drinking water)	Field Filtered Sample (Yes or No)	Perform MS/MSD (Yes or No)	6020B, 7471B, 8081B, 8082A, 8270E	8260D TCL/Part 375 VOCs	Total Number of containers	Special Instructions/Note:
Preservation Code:							N	F		Other:
58J1-5-6	9/26/25	1525	G	Solid				X		87
58J2-6-7		1530		Solid						88
58J3 7-8		1535		Solid						89
58J1-8-9		1540		Solid						90
				Solid						
				Solid						
				Solid						
				Solid						
				Solid						
				Solid						
				Solid						
				Solid						

Possible Hazard Identification
☐ Non-Hazard ☐ Flammable ☐ Skin Irritant ☐ Poison B ☐ Unknown ☐ Radiological

Sample Disposal (A fee may be assessed if samples are retained longer than 1 month)
☐ Return To Client ☐ Disposal By Lab ☐ Archive For _____ Months

Deliverable Requested: I, II, III, IV Other (specify)

Special Instructions/QC Requirements:

Empty Kit Relinquished by:	Date:	Time:	Method of Shipment:

	Relinquished by:	Date/Time:	Company	Received by:	Date/Time:	Company
1	KOberman	9/26/25 1555	HKH		09/26/25	13-91
2		09/26/25	16-20		9/26/25 1620	FEDEX
3	Relinquished by:	Date/Time:	Company	Received by:	Date/Time:	Company

Custody Seals Intact: Δ Yes Δ No | Custody Seal No.:

Cooler Temperature(s) °C and Other Remarks:

Ver: 05/06/2024

335806

Eurofins TestAmerica Edison
Receipt Temperature and pH Log

Job Number: _____

Number of Coolers: 3 IR Gun # 9

Cooler Temperatures

	RAW	CORRECTED		RAW	CORRECTED		RAW	CORRECTED
Cooler #1:	2.0 °C	1.7°C	Cooler #4:	°C	°C	Cooler #7:	°C	°C
Cooler #2:	2.3°C	2.0°C	Cooler #5:	°C	°C	Cooler #8:	°C	°C
Cooler #3:	2.5°C	2.2	Cooler #6:	°C	°C	Cooler #9:	°C	°C

TALS Sample Number	Ammonia (pH<2)	COD (pH<2)	Nitrate Nitrite (pH<2)	Metals* (pH<2)	Hardness (pH<2)	Pest (pH 5-9)	EPH or QAM (pH<2)	Phenols (pH<2)	Sulfide (pH>9)	TKN (pH<2)	TOC (pH<2)	Total Cyanide (pH>12)	Total Phos (pH<2)	Other	Other

If pH adjustments are required record the information below:

Sample No(s). adjusted: _____

Preservative Name/Conc. _____ Volume of Preservative used (ml) _____

Lot # of Preservative(s): _____ Expiration Date: _____

The appropriate Project Manager and Department Manager should be notified about the samples which were pH adjusted.

*Samples for Metal analysis which are out of compliance must be acidified at least 24 hours prior to analysis.

EDS-WI-038, Rev 4.1
10/22/2019

Initials: _____ Date: 09/26

Eurofins Edison
777 New Durham Road
Edison, NJ 08817
Phone: 732-549-3900 Fax: 732-549-3679

Chain of Custody Record

eurofins | Environment Testing

Client Information (Sub Contract Lab)	Sampler: N/A	Lab PM: Flannery, Elizabeth J	Carrier Tracking No(s): N/A	COC No: 460-75495.1
Client Contact: Shipping/Receiving	Phone: N/A	E-Mail: Elizabeth.Flannery@et.eurofinsus.com	State of Origin: New York	Page: Page 1 of 3
Company: Eurofins Lancaster Laboratories Environm		Accreditations Required (See note): NELAP - New York		Job #: 460-335806-1
Address: 2425 New Holland Pike, ,	Due Date Requested: 10/3/2025			Preservation Codes: -
City: Lancaster	TAT Requested (days): N/A			
State, Zip: PA, 17601				
Phone: 717-656-2300(Tel)	PO #: N/A			
Email: N/A	WO #: N/A			
Project Name: Former Port Mobil	Project #: 46042832			
Site: N/A	SSOW#: N/A			Other: N/A

Analysis Requested

Sample Identification - Client ID (Lab ID)	Sample Date	Sample Time	Sample Type (C=comp, G=grab)	Matrix (W=water, S=solid, O=waste/oil, BT=Tissue, A=Air)	Field Filtered Sample (Yes or No)	Perform MS/MSD (Yes or No)	1633A/1633A_Shake1633 Standard List 40	Total Number of containers	Special Instructions/Note:
			Preservation Code:						
58A_0-5 (460-335806-1)	9/26/25	08:00 Eastern	G	Solid			X	1	
58A_5-10 (460-335806-2)	9/26/25	08:05 Eastern	G	Solid			X	1	
58B_0-5 (460-335806-3)	9/26/25	08:10 Eastern	G	Solid			X	1	
58B_5-10 (460-335806-4)	9/26/25	08:15 Eastern	G	Solid			X	1	
58C_0-5 (460-335806-5)	9/26/25	08:20 Eastern	G	Solid			X	1	
58C_5-10 (460-335806-6)	9/26/25	08:25 Eastern	G	Solid			X	1	
58D_0-5 (460-335806-7)	9/26/25	08:30 Eastern	G	Solid			X	1	
58D_5-10 (460-335806-8)	9/26/25	08:35 Eastern	G	Solid			X	1	
58E_0-5 (460-335806-9)	9/26/25	08:40 Eastern	G	Solid			X	1	

Note: Since laboratory accreditations are subject to change, Eurofins Environment Testing Northeast, LLC places the ownership of method, analyte & accreditation compliance upon our subcontract laboratories. This sample shipment is forwarded under chain-of-custody. If the laboratory does not currently maintain accreditation in the State of Origin listed above for analysis/tests/matrix being analyzed, the samples must be shipped back to the Eurofins Environment Testing Northeast, LLC laboratory or other instructions will be provided. Any changes to accreditation status should be brought to Eurofins Environment Testing Northeast, LLC attention immediately. If all requested accreditations are current to date, return the signed Chain of Custody attesting to said compliance to Eurofins Environment Testing Northeast, LLC.

Possible Hazard Identification	Sample Disposal (A fee may be assessed if samples are retained longer than 1 month)
Unconfirmed	☐ Return To Client ☐ Disposal By Lab ☐ Archive For _____ Months
Deliverable Requested: I, II, III, IV, Other (specify) Primary Deliverable Rank: 1	Special Instructions/QC Requirements:

Empty Kit Relinquished by:	Date:	Time:	Method of Shipment:

Relinquished by:	Date/Time: 9/29/25 1700	Company: ET/EL	Received by:	Date/Time: 9/29/25 1700	Company: EL
Relinquished by:	Date/Time: 9/29/25 2015	Company: FM	Received by:	Date/Time:	Company:
Relinquished by:	Date/Time:	Company:	Received by:	Date/Time: 9/29/25 2015	Company: ELL

Custody Seals Intact: ∆ Yes ∆ No	Custody Seal No.:	Cooler Temperature(s) °C and Other Remarks: R: 2.8-3.1 / C: 2.7-3.0

Ver: 10/10/2024

Eurofins Edison
777 New Durham Road
Edison, NJ 08817
Phone: 732-549-3900 Fax: 732-549-3679

Chain of Custody Record

eurofins | Environment Testing

Client Information (Sub Contract Lab)	Sampler: N/A	Lab PM: Flannery, Elizabeth J	Carrier Tracking No(s): N/A	COC No: 460-75495.2
Client Contact: Shipping/Receiving	Phone: N/A	E-Mail: Elizabeth.Flannery@et.eurofinsus.com	State of Origin: New York	Page: Page 2 of 3
Company: Eurofins Lancaster Laboratories Environm		Accreditations Required (See note): NELAP - New York		Job #: 460-335806-1
Address: 2425 New Holland Pike, ,	Due Date Requested: 10/3/2025			Preservation Codes: -
City: Lancaster	TAT Requested (days): N/A			
State, Zip: PA, 17601				
Phone: 717-656-2300(Tel)	PO #: N/A			
Email: N/A	WO #: N/A			
Project Name: Former Port Mobil	Project #: 46042832			
Site: N/A	SSOW#: N/A			Other: N/A

Sample Identification - Client ID (Lab ID)	Sample Date	Sample Time	Sample Type (C=comp, G=grab)	Matrix (W=water, S=solid, O=waste/oil, BT=Tissue, A=Air)	Field Filtered Sample (Yes or No)	Perform MS/MSD (Yes or No)	1633A/1633A_Shake1633 Standard List 40	Total Number of containers	Special Instructions/Note:
			Preservation Code:						
58E_5-10 (460-335806-10)	9/26/25	08:45 Eastern	G	Solid			X	1	
58F_0-5 (460-335806-11)	9/26/25	09:00 Eastern	G	Solid			X	1	
58F_5-10 (460-335806-12)	9/26/25	09:05 Eastern	G	Solid			X	1	
58G_0-5 (460-335806-13)	9/26/25	09:10 Eastern	G	Solid			X	1	
58G_5-10 (460-335806-14)	9/26/25	09:15 Eastern	G	Solid			X	1	
58H_0-5 (460-335806-15)	9/26/25	09:20 Eastern	G	Solid			X	1	
58H_5-10 (460-335806-16)	9/26/25	09:25 Eastern	G	Solid			X	1	
58I_0-5 (460-335806-17)	9/26/25	09:30 Eastern	G	Solid			X	1	
58I_5-10 (460-335806-18)	9/26/25	09:35 Eastern	G	Solid			X	1	

Note: Since laboratory accreditations are subject to change, Eurofins Environment Testing Northeast, LLC places the ownership of method, analyte & accreditation compliance upon our subcontract laboratories. This sample shipment is forwarded under chain-of-custody. If the laboratory does not currently maintain accreditation in the State of Origin listed above for analysis/tests/matrix being analyzed, the samples must be shipped back to the Eurofins Environment Testing Northeast, LLC laboratory or other instructions will be provided. Any changes to accreditation status should be brought to Eurofins Environment Testing Northeast, LLC attention immediately. If all requested accreditations are current to date, return the signed Chain of Custody attesting to said compliance to Eurofins Environment Testing Northeast, LLC.

Possible Hazard Identification	*Sample Disposal (A fee may be assessed if samples are retained longer than 1 month)*
Unconfirmed	☐ *Return To Client* ☐ *Disposal By Lab* ☐ *Archive For* _____ *Months*
Deliverable Requested: I, II, III, IV, Other (specify) Primary Deliverable Rank: 1	Special Instructions/QC Requirements:

Empty Kit Relinquished by:	Date:	Time:	Method of Shipment:

	Relinquished by:	Date/Time:	Company	Received by:	Date/Time:	Company
1		9/29/25 1200	ET		9/29/25 1700	EG
2		9/29/25 2015	ET			
3					9/29/25 2015	ET

Custody Seals Intact: Δ Yes Δ No	Custody Seal No.:	Cooler Temperature(s) °C and Other Remarks: R: 2.8-3.1 / C: 2.7-3.0

Ver: 10/10/2024

Eurofins Edison
777 New Durham Road
Edison, NJ 08817
Phone: 732-549-3900 Fax: 732-549-3679

Chain of Custody Record

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Client Information (Sub Contract Lab)	Sampler: N/A	Lab PM: Flannery, Elizabeth J	Carrier Tracking No(s): N/A	COC No: 460-75495.3
Client Contact: Shipping/Receiving	Phone: N/A	E-Mail: Elizabeth.Flannery@et.eurofinsus.com	State of Origin: New York	Page: Page 3 of 3
Company: Eurofins Lancaster Laboratories Environm		Accreditations Required (See note): NELAP - New York		Job #: 460-335806-1
Address: 2425 New Holland Pike, ,	Due Date Requested: 10/3/2025			Preservation Codes: -
City: Lancaster	TAT Requested (days): N/A			
State, Zip: PA, 17601				
Phone: 717-656-2300(Tel)	PO #: N/A			
Email: N/A	WO #: N/A			
Project Name: Former Port Mobil	Project #: 46042832			
Site: N/A	SSOW#: N/A			Other: N/A

Sample Identification - Client ID (Lab ID)	Sample Date	Sample Time	Sample Type (C=comp, G=grab)	Matrix (W=water, S=solid, O=waste/oil, BT=Tissue, A=Air)	Field Filtered Sample (Yes or No)	Perform MS/MSD (Yes or No)	1633A/1633A_Shake1633 Standard List 40	Total Number of containers	Special Instructions/Note:
			Preservation Code:						
58J_0-5 (460-335806-19)	9/26/25	09:40 Eastern	G	Solid			X	1	

Analysis Requested

Note: Since laboratory accreditations are subject to change, Eurofins Environment Testing Northeast, LLC places the ownership of method, analyte & accreditation compliance upon our subcontract laboratories. This sample shipment is forwarded under chain-of-custody. If the laboratory does not currently maintain accreditation in the State of Origin listed above for analysis/tests/matrix being analyzed, the samples must be shipped back to the Eurofins Environment Testing Northeast, LLC laboratory or other instructions will be provided. Any changes to accreditation status should be brought to Eurofins Environment Testing Northeast, LLC attention immediately. If all requested accreditations are current to date, return the signed Chain of Custody attesting to said compliance to Eurofins Environment Testing Northeast, LLC.

Possible Hazard Identification	Sample Disposal (A fee may be assessed if samples are retained longer than 1 month)
Unconfirmed	☐ Return To Client ☐ Disposal By Lab ☐ Archive For _____ Months
Deliverable Requested: I, II, III, IV, Other (specify) Primary Deliverable Rank: 1	Special Instructions/QC Requirements:

Empty Kit Relinquished by:	Date:	Time:	Method of Shipment:

	Relinquished by:	Date/Time:	Company	Received by:	Date/Time:	Company
1		9/29/25 1700			9/29/25 1700	
2		9/29/25 2015				
3					9/29/25 2015	

Custody Seals Intact: Δ Yes Δ No	Custody Seal No.:	Cooler Temperature(s) °C and Other Remarks: R: 2.8 - 3.1 / C: 2.7 - 3.0

Ver: 10/10/2024

Login Sample Receipt Checklist

Client: Haley & Aldrich, Inc.

Job Number: 460-335806-1

Login Number: 335806
List Number: 1
Creator: Rivera, Kenneth

List Source: Eurofins Edison

Question	Answer	Comment
Radioactivity wasn't checked or is </= background as measured by a survey meter.	N/A	
The cooler's custody seal, if present, is intact.	True	
Sample custody seals, if present, are intact.	True	
The cooler or samples do not appear to have been compromised or tampered with.	True	
Samples were received on ice.	True	
Cooler Temperature is acceptable.	True	
Cooler Temperature is recorded.	True	
COC is present.	True	
COC is filled out in ink and legible.	True	
COC is filled out with all pertinent information.	True	
Is the Field Sampler's name present on COC?	True	
There are no discrepancies between the containers received and the COC.	True	
Samples are received within Holding Time (excluding tests with immediate HTs)	True	
Sample containers have legible labels.	True	
Containers are not broken or leaking.	True	
Sample collection date/times are provided.	True	
Appropriate sample containers are used.	True	
Sample bottles are completely filled.	True	
Sample Preservation Verified.	True	
There is sufficient vol. for all requested analyses, incl. any requested MS/MSDs	True	
Containers requiring zero headspace have no headspace or bubble is <6mm (1/4").	True	
Multiphasic samples are not present.	True	
Samples do not require splitting or compositing.	True	
Residual Chlorine Checked.	N/A	

Login Sample Receipt Checklist

Client: Haley & Aldrich, Inc.

Job Number: 460-335806-1

Login Number: 335806
List Number: 2
Creator: Williams, Aeric

List Source: Eurofins Lancaster Laboratories Environment Testing, LLC
List Creation: 09/30/25 09:42 AM

Question	Answer	Comment
The cooler's custody seal is intact.	N/A	
The cooler or samples do not appear to have been compromised or tampered with.	True	
Samples were received on ice.	True	
Cooler Temperature acceptable,where thermal pres is required(</=6C, not frozen).	True	
Cooler Temperature is recorded.	True	
WV:Container Temp acceptable,where thermal pres is required (</=6C, not frozen).	N/A	
WV: Container Temperature is recorded.	N/A	
COC is present.	True	
COC is filled out in ink and legible.	True	
COC is filled out with all pertinent information.	True	
There are no discrepancies between the containers received and the COC.	True	
Sample containers have legible labels.	True	
Containers are not broken or leaking.	True	
Sample collection date/times are provided.	True	
Appropriate sample containers are used.	True	
Sample bottles are completely filled.	True	
There is sufficient vol. for all requested analyses.	True	
Is the Field Sampler's name present on COC?	False	Received project as a subcontract.
Sample custody seals are intact.	N/A	
VOA sample vials do not have headspace >6mm in diameter (none, if from WV)?	N/A	

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ANALYTICAL REPORT

PREPARED FOR

Attn: Sarah Commisso
Haley & Aldrich, Inc.
213 West 35th Street, 7th Floor
New York, New York 10001

Generated 10/8/2025 5:05:44 PM

JOB DESCRIPTION

Former Port Mobil

JOB NUMBER

460-335975-1

Eurofins Edison
777 New Durham Road
Edison NJ 08817

See page two for job notes and contact information.

my EOL

Eurofins Edison

Job Notes

This report may not be reproduced except in full, and with written approval from the laboratory. The results relate only to the samples tested. For questions please contact the Project Manager at the e-mail address or telephone number listed on this page.

The test results in this report relate only to the samples as received by the laboratory and will meet all requirements of the methodology, with any exceptions noted. This report shall not be reproduced except in full, without the express written approval of the laboratory. All questions should be directed to the Eurofins Environment Testing Northeast, LLC Project Manager.

Compliance Statement

I certify that this data package is in compliance with the terms and conditions of the contract, both technically and for completeness, for other than the conditions detailed within the body of this report. Release of the data contained in this sample data package and in the electronic data deliverable has been authorized by the Laboratory Manager or his/her designee, as verified by the following signature.

Authorization

Generated
10/8/2025 5:05:44 PM

Authorized for release by
Elizabeth Flannery, Project Manager I
Elizabeth.Flannery@et.eurofinsus.com
(732)549-3900

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Qualifiers

GC/MS VOA

Qualifier	Qualifier Description
*	ISTD response or retention time outside acceptable limits
*	LCS or LCSD is outside acceptance limits.
J	Indicates an estimated value.
U	Analyzed for but not detected.

GC/MS Semi VOA

Qualifier	Qualifier Description
*	MS or MSD is outside acceptance limits.
E	Compound concentration exceeds the upper level of the calibration range of the instrument for that specific analysis.
J	Indicates an estimated value.
U	Analyzed for but not detected.

GC Semi VOA

Qualifier	Qualifier Description
U	Analyzed for but not detected.

LCMS

Qualifier	Qualifier Description
*	Isotope Dilution analyte is outside acceptance limits.
J	Indicates an estimated value.
U	Analyzed for but not detected.

Metals

Qualifier	Qualifier Description
*	Duplicate analysis not within control limits.
4	MS, MSD: The analyte present in the original sample is greater than 4 times the matrix spike concentration; therefore, control limits are not applicable.
J	Sample result is greater than the MDL but below the CRDL
N	Spiked sample recovery is not within control limits.
U	Indicates analyzed for but not detected.

General Chemistry

Qualifier	Qualifier Description
U	Indicates analyzed for but not detected.

Glossary

Abbreviation	These commonly used abbreviations may or may not be present in this report.
☼	Listed under the "D" column to designate that the result is reported on a dry weight basis
%R	Percent Recovery
CFL	Contains Free Liquid
CFU	Colony Forming Unit
CNF	Contains No Free Liquid
DER	Duplicate Error Ratio (normalized absolute difference)
Dil Fac	Dilution Factor
DL	Detection Limit (DoD/DOE)
DL, RA, RE, IN	Indicates a Dilution, Re-analysis, Re-extraction, or additional Initial metals/anion analysis of the sample
DLC	Decision Level Concentration (Radiochemistry)
EDL	Estimated Detection Limit (Dioxin)
LOD	Limit of Detection (DoD/DOE)
LOQ	Limit of Quantitation (DoD/DOE)
MCL	EPA recommended "Maximum Contaminant Level"
MDA	Minimum Detectable Activity (Radiochemistry)
MDC	Minimum Detectable Concentration (Radiochemistry)
MDL	Method Detection Limit
ML	Minimum Level (Dioxin)
MPN	Most Probable Number

Glossary (Continued)

Abbreviation	These commonly used abbreviations may or may not be present in this report.
MQL	Method Quantitation Limit
NC	Not Calculated
ND	Not Detected at the reporting limit (or MDL or EDL if shown)
NEG	Negative / Absent
POS	Positive / Present
PQL	Practical Quantitation Limit
PRES	Presumptive
QC	Quality Control
RER	Relative Error Ratio (Radiochemistry)
RL	Reporting Limit or Requested Limit (Radiochemistry)
RPD	Relative Percent Difference, a measure of the relative difference between two points
TEF	Toxicity Equivalent Factor (Dioxin)
TEQ	Toxicity Equivalent Quotient (Dioxin)
TNTC	Too Numerous To Count

Job Narrative
460-335975-1

The analytical test results presented in this report meet all requirements of the associated regulatory program listed on the Accreditation/Certification Summary Page, unless otherwise noted. Data qualifiers and/or narrative comments are included to explain any exceptions, if applicable. Regulated compliance samples (e.g. SDWA, NPDES) must comply with associated agency requirements/permits.

- Matrix-specific batch QC (e.g., MS, MSD, SD) may not be reported when insufficient sample volume is available or when site-specific QC samples are not submitted. In such cases, a Laboratory Control Sample Duplicate (LCSD) may be analyzed to provide precision data for the batch.
- For samples analyzed using surrogate and/or isotope dilution analytes, any recoveries falling outside of established acceptance criteria are re-prepared and/or re-analyzed to confirm results, unless the deviation is due to sample dilution or otherwise explained in the case narrative.

Receipt
The samples were received on 9/29/2025 3:30 PM. Unless otherwise noted below, the samples arrived in good condition, and, where required, properly preserved and on ice. The temperatures of the 3 coolers at receipt time were 1.2°C, 1.2°C and 1.3°C.

Method 8260D - Volatile Organic Compounds by GC/MS
Samples 59A1_0-1 (460-335975-17), 59A2_2-3 (460-335975-18), 59A3_3-4 (460-335975-19), 59A1_4-5 (460-335975-20), 59A2_6-7 (460-335975-21), 59A3_8-9 (460-335975-22), 59A3_11-12 (460-335975-23), 59B1_1-2 (460-335975-24), 59B2_2-3 (460-335975-25), 59B3_4-5 (460-335975-26), 59B1_5-6 (460-335975-27), 59B2_7.8 (460-335975-28), 59B3_8-9 (460-335975-29), 59B2_9-10 (460-335975-30), 59C1_1-2 (460-335975-31), 59C2_3-4 (460-335975-32), 59C3_4-5 (460-335975-33), 59C1_5-6 (460-335975-34), 59C2_6-7 (460-335975-35), 59C3_8-9 (460-335975-36), 59C1_9-10 (460-335975-37), 59D1_1-2 (460-335975-38), 59D2_2-3 (460-335975-39), 59D3_3-4 (460-335975-40), 59D1_6-7 (460-335975-41), 59D2_7-8 (460-335975-42), 59D3_8-9 (460-335975-43), 59D2_11-12 (460-335975-44), 59E1_1-2 (460-335975-45), 59E2_2-3 (460-335975-46), 59E3_4-5 (460-335975-47), 59E1_6-7 (460-335975-48), 59E2_8-9 (460-335975-49), 59E3_9-10 (460-335975-50), 59E1_11-12 (460-335975-51), 59F1_1-2 (460-335975-52), 59F2_3-4 (460-335975-53), 59F3_4-5 (460-335975-54), 59F1_5-6 (460-335975-55), 59F2_7-8 (460-335975-56), 59F3_9-10 (460-335975-57), 59F1_11-12 (460-335975-58), 57A1_1-2 (460-335975-59), 57A2_2-3 (460-335975-60), 57A3_3-4 (460-335975-61), 57A1_4-5 (460-335975-62), 57A2_6-7 (460-335975-63), 57A3_5-6 (460-335975-64), 57A3_7-8 (460-335975-65), 57B1_1-2 (460-335975-66), 57B2_2-3 (460-335975-67), 57B3_3-4 (460-335975-68), 57B1_4-5 (460-335975-69), 57B2_5-6 (460-335975-70), 57B3_6-7 (460-335975-71) and 57B1_7-8 (460-335975-72) were analyzed for Volatile Organic Compounds by GC/MS. The samples were prepared on 10/2/2025 and analyzed on 10/4/2025, 10/5/2025 and 10/6/2025.

The continuing calibration verification (CCV) analyzed in batch 460-1065968 was outside the method criteria for the following analytes: Bromoform and Methyl acetate (biased high) and Dichlorodifluoromethane and Trichlorofluoromethane (biased low). A CCV standard at or below the reporting limit (RL) was analyzed with the affected samples and found to be acceptable. As indicated in the reference method, sample analysis may proceed; however, any detection for the affected analytes is considered estimated.

The laboratory control sample (LCS) and / or laboratory control sample duplicate (LCSD) for analytical batch 460-1065968 recovered outside control limits for the following analytes: Bromoform, Chlorodibromomethane and Methyl acetate. These analytes were biased high in the LCS/LCSD and were not detected in the associated samples; therefore, the data have been reported.

The continuing calibration verification (CCV) associated with batch 460-1066001 recovered above the upper control limit for Bromoform, Carbon tetrachloride and Methyl acetate. The samples associated with this CCV were non-detects for the affected analytes; therefore, the data have been reported.

The laboratory control sample (LCS) and / or laboratory control sample duplicate (LCSD) for analytical batch 460-1066001 recovered outside control limits for the following analytes: Bromoform, Methyl acetate and Chlorodibromomethane. These analytes were biased high in the LCS/LCSD and were not detected in the associated samples; therefore, the data have been reported.

The continuing calibration verification (CCV) associated with batch 460-1065774 recovered above the upper control limit for Trichlorofluoromethane and Vinyl chloride. The samples associated with this CCV were non-detects for the affected analytes; therefore, the data have been reported.

The continuing calibration verification (CCV) analyzed in batch 460-1065795 was outside the method criteria for the following analyte(s): Chloromethane and Vinyl chloride (biased low). A CCV standard at or below the reporting limit (RL) was analyzed with the affected samples and found to be acceptable. As indicated in the reference method, sample analysis may proceed; however, any detection for the affected analyte(s) is considered estimated.

The continuing calibration verification (CCV) analyzed in batch 460-1065796 was outside the method criteria for the following analyte(s): Chloromethane and Methyl acetate (biased low). A CCV standard at or below the reporting limit (RL) was analyzed with the affected samples and found to be acceptable. As indicated in the reference method, sample analysis may proceed; however, any detection for the affected analyte(s) is considered estimated.

The continuing calibration verification (CCV) associated with batch 460-1066059 recovered above the upper control limit for Dichlorodifluoromethane. The samples associated with this CCV were non-detects for the affected analytes; therefore, the data have been reported.

The continuing calibration verification (CCV) analyzed in batch 460-1065959 was outside the method criteria for the following analyte(s): Chloromethane and Vinyl chloride (biased low). A CCV standard at or below the reporting limit (RL) was analyzed with the affected samples and found to be acceptable. As indicated in the reference method, sample analysis may proceed; however, any detection for the affected analyte(s) is considered estimated.

The laboratory control sample (LCS) for analytical batch 460-1065959 recovered outside control limits for the following analyte: 1,1-Dichloroethene. This analyte was biased low in the LCS and was not detected in the associated samples; therefore, the data have been reported.

Internal standard (ISTD) response for the following sample was outside of acceptance limits (biased low): 57A1_4-5 (460-335975-62). The sample was not re-analyzed due to insufficient volume. Second low level aliquot container was cracked.

Method 8270E - Semivolatile Organic Compounds (GC/MS)
Samples 59A_0-6 (460-335975-1), 59A_6-12 (460-335975-2), 59B_0-6 (460-335975-3), 59B_6-12 (460-335975-4), 59C_0-6 (460-335975-5), 59C_6-12 (460-335975-6), 59D_0-6 (460-335975-7), 59D_6-12 (460-335975-8), 59E_0-6 (460-335975-9), 59E_6-12 (460-335975-10), 59F_0-6 (460-335975-11), 59F_6-12 (460-335975-12), 57A_0-4 (460-335975-13), 57A_4-8 (460-335975-14), 57B_0-4 (460-335975-15) and 57B_4-8 (460-335975-16) were analyzed for Semivolatile Organic Compounds (GC/MS). The samples were prepared on 9/30/2025 and analyzed on 10/1/2025.

The continuing calibration verification (CCV) analyzed in batch 460-1064969 was outside the method criteria for the following analyte(s): Benzaldehyde. A CCV standard at or below the reporting limit (RL) was analyzed with the affected samples and found to be acceptable. As indicated in the reference method, sample analysis may proceed; however, any detection for the affected analyte(s) is considered estimated.

Method 8082A - Polychlorinated Biphenyls (PCBs) by Gas Chromatography
Samples 59A_0-6 (460-335975-1), 59A_6-12 (460-335975-2), 59B_0-6 (460-335975-3), 59B_6-12 (460-335975-4), 59C_0-6 (460-335975-5), 59C_6-12 (460-335975-6), 59D_0-6 (460-335975-7), 59D_6-12 (460-335975-8), 59E_0-6 (460-335975-9), 59E_6-12 (460-335975-10), 59F_0-6 (460-335975-11), 59F_6-12 (460-335975-12), 57A_0-4 (460-335975-13), 57A_4-8 (460-335975-14), 57B_0-4 (460-335975-15) and 57B_4-8 (460-335975-16) were analyzed for Polychlorinated Biphenyls (PCBs) by Gas Chromatography. The samples were prepared on 9/30/2025 and analyzed on 10/1/2025.

Method 8081B - Organochlorine Pesticides (GC)
Samples 59A_0-6 (460-335975-1), 59A_6-12 (460-335975-2), 59B_0-6 (460-335975-3), 59B_6-12 (460-335975-4), 59C_0-6 (460-335975-5), 59C_6-12 (460-335975-6), 59D_0-6 (460-335975-7), 59D_6-12 (460-335975-8), 59E_0-6 (460-335975-9), 59E_6-12 (460-335975-10), 59F_0-6 (460-335975-11), 59F_6-12 (460-335975-12), 57A_0-4 (460-335975-13), 57A_4-8 (460-335975-14), 57B_0-4 (460-335975-15) and 57B_4-8 (460-335975-16) were analyzed for Organochlorine Pesticides (GC). The samples were prepared on 9/30/2025 and analyzed on 10/1/2025.

Method 1633A - Per- and Polyfluoroalkyl Substances by LC/MS/MS, 1633A
Samples 59A_0-6 (460-335975-1), 59A_6-12 (460-335975-2), 59B_0-6 (460-335975-3), 59B_6-12 (460-335975-4), 59C_0-6 (460-335975-5), 59C_6-12 (460-335975-6), 59D_0-6 (460-335975-7), 59D_6-12 (460-335975-8), 59E_0-6 (460-335975-9), 59E_6-12 (460-335975-10), 59F_0-6 (460-335975-11), 59F_6-12 (460-335975-12), 57A_0-4 (460-335975-13), 57A_4-8 (460-335975-14), 57B_0-4 (460-335975-15) and 57B_4-8 (460-335975-16) were analyzed for Per- and Polyfluoroalkyl Substances by LC/MS/MS, 1633A. The samples were prepared on 10/3/2025 and 10/7/2025 and analyzed on 10/4/2025, 10/6/2025 and 10/8/2025.

The labeled isotopes 13C2 4:2 FTS are outside QC acceptance limits. Since the recovery in sample 57A_4-8 (460-335975-14) is

Job ID: 460-335975-1 (Continued) Eurofins Edison

less than 350%, the data is reported.

The recovery for labeled isotope: 13C2 8:2 FTS is outside the QC acceptance limits in the opening continuing calibration verification standard, biased high. Since the recovery for the labeled isotope is within QC limits in the following sample: 59F_6-12 (460-335975-12), the data is reported.

The recovery for labeled isotope: 13C2 8:2 FTS is outside the QC acceptance limits in the closing continuing calibration verification standard, biased high. Since the recovery for the labeled isotope is within QC limits in the following sample: 59C_0-6 (460-335975-5), the data is reported.

Method 6020B - Metals (ICP/MS)
Samples 59A_0-6 (460-335975-1), 59A_6-12 (460-335975-2), 59B_0-6 (460-335975-3), 59B_6-12 (460-335975-4), 59C_0-6 (460-335975-5), 59C_6-12 (460-335975-6), 59D_0-6 (460-335975-7), 59D_6-12 (460-335975-8), 59E_0-6 (460-335975-9), 59E_6-12 (460-335975-10), 59F_0-6 (460-335975-11), 59F_6-12 (460-335975-12), 57A_0-4 (460-335975-13), 57A_4-8 (460-335975-14), 57B_0-4 (460-335975-15) and 57B_4-8 (460-335975-16) were analyzed for Metals (ICP/MS). The samples were prepared on 10/3/2025 and analyzed on 10/4/2025 and 10/5/2025.

Method 7471B - Mercury (CVAA)
Samples 59A_0-6 (460-335975-1), 59A_6-12 (460-335975-2), 59B_0-6 (460-335975-3), 59B_6-12 (460-335975-4), 59C_0-6 (460-335975-5), 59C_6-12 (460-335975-6), 59D_0-6 (460-335975-7), 59D_6-12 (460-335975-8), 59E_0-6 (460-335975-9), 59E_6-12 (460-335975-10), 59F_0-6 (460-335975-11), 59F_6-12 (460-335975-12), 57A_0-4 (460-335975-13), 57A_4-8 (460-335975-14), 57B_0-4 (460-335975-15) and 57B_4-8 (460-335975-16) were analyzed for Mercury (CVAA). The samples were prepared and analyzed on 10/6/2025.

Method Moisture - Percent Moisture
Samples 59A_0-6 (460-335975-1), 59A_6-12 (460-335975-2), 59B_0-6 (460-335975-3), 59B_6-12 (460-335975-4), 59C_0-6 (460-335975-5), 59C_6-12 (460-335975-6), 59D_0-6 (460-335975-7), 59D_6-12 (460-335975-8), 59E_0-6 (460-335975-9), 59E_6-12 (460-335975-10), 59F_0-6 (460-335975-11), 59F_6-12 (460-335975-12), 57A_0-4 (460-335975-13), 57A_4-8 (460-335975-14), 57B_0-4 (460-335975-15), 57B_4-8 (460-335975-16), 59A1_0-1 (460-335975-17), 59A2_2-3 (460-335975-18), 59A3_3-4 (460-335975-19), 59A1_4-5 (460-335975-20), 59A2_6-7 (460-335975-21), 59A3_8-9 (460-335975-22), 59A3_11-12 (460-335975-23), 59B1_1-2 (460-335975-24), 59B2_2-3 (460-335975-25), 59B3_4-5 (460-335975-26), 59B1_5-6 (460-335975-27), 59B2_7.8 (460-335975-28), 59B3_8-9 (460-335975-29), 59B2_9-10 (460-335975-30), 59C1_1-2 (460-335975-31), 59C2_3-4 (460-335975-32), 59C3_4-5 (460-335975-33), 59C1_5-6 (460-335975-34), 59C2_6-7 (460-335975-35), 59C3_8-9 (460-335975-36), 59C1_9-10 (460-335975-37), 59D1_1-2 (460-335975-38), 59D2_2-3 (460-335975-39), 59D3_3-4 (460-335975-40), 59D1_6-7 (460-335975-41), 59D2_7-8 (460-335975-42), 59D3_8-9 (460-335975-43), 59D2_11-12 (460-335975-44), 59E1_1-2 (460-335975-45), 59E2_2-3 (460-335975-46), 59E3_4-5 (460-335975-47), 59E1_6-7 (460-335975-48), 59E2_8-9 (460-335975-49), 59E3_9-10 (460-335975-50), 59E1_11-12 (460-335975-51), 59F1_1-2 (460-335975-52), 59F2_3-4 (460-335975-53), 59F3_4-5 (460-335975-54), 59F1_5-6 (460-335975-55), 59F2_7-8 (460-335975-56), 59F3_9-10 (460-335975-57), 59F1_11-12 (460-335975-58), 57A1_1-2 (460-335975-59), 57A2_2-3 (460-335975-60), 57A3_3-4 (460-335975-61), 57A1_4-5 (460-335975-62), 57A2_6-7 (460-335975-63), 57A3_5-6 (460-335975-64), 57A3_7-8 (460-335975-65), 57B1_1-2 (460-335975-66), 57B2_2-3 (460-335975-67), 57B3_3-4 (460-335975-68), 57B1_4-5 (460-335975-69), 57B2_5-6 (460-335975-70), 57B3_6-7 (460-335975-71) and 57B1_7-8 (460-335975-72) were analyzed for Percent Moisture. The samples were analyzed on 10/2/2025.

Detection Summary

Client: Haley & Aldrich, Inc.
Project/Site: Former Port Mobil

Job ID: 460-335975-1

Client Sample ID: 59A_0-6 — Lab Sample ID: 460-335975-1

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Perfluorooctanoic acid (PFOA)	0.12	J	0.20	0.059	ug/Kg	1	☼	1633A	Total/NA
Perfluorononanoic acid (PFNA)	0.12	J	0.20	0.098	ug/Kg	1	☼	1633A	Total/NA
Perfluoroundecanoic acid (PFUnA)	0.10	J	0.20	0.098	ug/Kg	1	☼	1633A	Total/NA
Aluminum	5930		16.7	4.6	mg/Kg	1	☼	6020B	Total/NA
Antimony	0.87		0.84	0.12	mg/Kg	1	☼	6020B	Total/NA
Arsenic	6.6		0.84	0.086	mg/Kg	1	☼	6020B	Total/NA
Barium	30.5		1.7	0.12	mg/Kg	1	☼	6020B	Total/NA
Beryllium	0.45		0.33	0.018	mg/Kg	1	☼	6020B	Total/NA
Calcium	520		83.5	8.1	mg/Kg	1	☼	6020B	Total/NA
Chromium	12.6		1.7	0.25	mg/Kg	1	☼	6020B	Total/NA
Cobalt	5.2		0.84	0.12	mg/Kg	1	☼	6020B	Total/NA
Copper	15.4		1.7	0.31	mg/Kg	1	☼	6020B	Total/NA
Iron	17600		50.1	6.4	mg/Kg	1	☼	6020B	Total/NA
Lead	12.6		0.50	0.17	mg/Kg	1	☼	6020B	Total/NA
Magnesium	1490		83.5	8.5	mg/Kg	1	☼	6020B	Total/NA
Manganese	198		3.3	0.34	mg/Kg	1	☼	6020B	Total/NA
Nickel	7.4		1.7	0.15	mg/Kg	1	☼	6020B	Total/NA
Potassium	1210		83.5	13.5	mg/Kg	1	☼	6020B	Total/NA
Selenium	0.18	J	1.0	0.11	mg/Kg	1	☼	6020B	Total/NA
Silver	0.077	J	0.33	0.074	mg/Kg	1	☼	6020B	Total/NA
Thallium	0.063	J	0.33	0.034	mg/Kg	1	☼	6020B	Total/NA
Vanadium	20.6		1.7	0.17	mg/Kg	1	☼	6020B	Total/NA
Zinc	28.6		6.7	0.91	mg/Kg	1	☼	6020B	Total/NA
Mercury	0.025		0.016	0.0075	mg/Kg	1	☼	7471B	Total/NA

Client Sample ID: 59A_6-12 — Lab Sample ID: 460-335975-2

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Perfluorooctanoic acid (PFOA)	0.085	J	0.19	0.058	ug/Kg	1	☼	1633A	Total/NA
Perfluorononanoic acid (PFNA)	0.44		0.19	0.097	ug/Kg	1	☼	1633A	Total/NA
Perfluorodecanoic acid (PFDA)	0.086	J	0.19	0.058	ug/Kg	1	☼	1633A	Total/NA
Perfluoroundecanoic acid (PFUnA)	0.35		0.19	0.097	ug/Kg	1	☼	1633A	Total/NA
Perfluorotridecanoic acid (PFTrDA)	0.13	J	0.19	0.097	ug/Kg	1	☼	1633A	Total/NA
Aluminum	9480		16.9	4.6	mg/Kg	1	☼	6020B	Total/NA
Antimony	0.59	J	0.85	0.12	mg/Kg	1	☼	6020B	Total/NA
Arsenic	4.9		0.85	0.087	mg/Kg	1	☼	6020B	Total/NA
Barium	49.5		1.7	0.12	mg/Kg	1	☼	6020B	Total/NA
Beryllium	0.51		0.34	0.019	mg/Kg	1	☼	6020B	Total/NA
Cadmium	0.11	J	0.85	0.096	mg/Kg	1	☼	6020B	Total/NA
Calcium	743		84.7	8.2	mg/Kg	1	☼	6020B	Total/NA
Chromium	15.8		1.7	0.25	mg/Kg	1	☼	6020B	Total/NA
Cobalt	6.6		0.85	0.13	mg/Kg	1	☼	6020B	Total/NA
Copper	18.4		1.7	0.31	mg/Kg	1	☼	6020B	Total/NA
Iron	19100		50.8	6.5	mg/Kg	1	☼	6020B	Total/NA
Lead	17.3		0.51	0.17	mg/Kg	1	☼	6020B	Total/NA
Magnesium	2530		84.7	8.6	mg/Kg	1	☼	6020B	Total/NA
Manganese	243		3.4	0.34	mg/Kg	1	☼	6020B	Total/NA
Nickel	12.2		1.7	0.15	mg/Kg	1	☼	6020B	Total/NA
Potassium	1180		84.7	13.7	mg/Kg	1	☼	6020B	Total/NA
Selenium	0.22	J	1.1	0.11	mg/Kg	1	☼	6020B	Total/NA
Sodium	64.0	J	84.7	38.7	mg/Kg	1	☼	6020B	Total/NA

This Detection Summary does not include radiochemical test results.

Client Sample ID: 59A_6-12 (Continued) — Lab Sample ID: 460-335975-2

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Thallium	0.11	J	0.34	0.035	mg/Kg	1	☼	6020B	Total/NA
Vanadium	24.5		1.7	0.17	mg/Kg	1	☼	6020B	Total/NA
Zinc	38.0		6.8	0.92	mg/Kg	1	☼	6020B	Total/NA
Mercury	0.022		0.018	0.0085	mg/Kg	1	☼	7471B	Total/NA

Client Sample ID: 59B_0-6 — Lab Sample ID: 460-335975-3

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Perfluorononanoic acid (PFNA)	0.12	J	0.20	0.098	ug/Kg	1	☼	1633A	Total/NA
Perfluorodecanoic acid (PFDA)	0.24		0.20	0.059	ug/Kg	1	☼	1633A	Total/NA
Perfluoroundecanoic acid (PFUnA)	2.39		0.20	0.098	ug/Kg	1	☼	1633A	Total/NA
Perfluorododecanoic acid (PFDoA)	0.11	J	0.20	0.098	ug/Kg	1	☼	1633A	Total/NA
Perfluorotridecanoic acid (PFTrDA)	1.11		0.20	0.098	ug/Kg	1	☼	1633A	Total/NA
Aluminum	8980		17.6	4.8	mg/Kg	1	☼	6020B	Total/NA
Antimony	0.96		0.88	0.13	mg/Kg	1	☼	6020B	Total/NA
Arsenic	5.9		0.88	0.091	mg/Kg	1	☼	6020B	Total/NA
Barium	49.5		1.8	0.13	mg/Kg	1	☼	6020B	Total/NA
Beryllium	0.50		0.35	0.019	mg/Kg	1	☼	6020B	Total/NA
Cadmium	0.12	J	0.88	0.099	mg/Kg	1	☼	6020B	Total/NA
Calcium	2430		87.9	8.6	mg/Kg	1	☼	6020B	Total/NA
Chromium	15.1		1.8	0.26	mg/Kg	1	☼	6020B	Total/NA
Cobalt	6.0		0.88	0.13	mg/Kg	1	☼	6020B	Total/NA
Copper	19.7		1.8	0.32	mg/Kg	1	☼	6020B	Total/NA
Iron	18500		52.8	6.7	mg/Kg	1	☼	6020B	Total/NA
Lead	23.1		0.53	0.18	mg/Kg	1	☼	6020B	Total/NA
Magnesium	3160		87.9	9.0	mg/Kg	1	☼	6020B	Total/NA
Manganese	230		3.5	0.35	mg/Kg	1	☼	6020B	Total/NA
Nickel	12.3		1.8	0.16	mg/Kg	1	☼	6020B	Total/NA
Potassium	1080		87.9	14.2	mg/Kg	1	☼	6020B	Total/NA
Selenium	0.17	J	1.1	0.11	mg/Kg	1	☼	6020B	Total/NA
Silver	0.096	J	0.35	0.078	mg/Kg	1	☼	6020B	Total/NA
Sodium	62.4	J	87.9	40.2	mg/Kg	1	☼	6020B	Total/NA
Thallium	0.11	J	0.35	0.036	mg/Kg	1	☼	6020B	Total/NA
Vanadium	23.4		1.8	0.18	mg/Kg	1	☼	6020B	Total/NA
Zinc	43.5		7.0	0.96	mg/Kg	1	☼	6020B	Total/NA
Mercury	0.032		0.019	0.0087	mg/Kg	1	☼	7471B	Total/NA

Client Sample ID: 59B_6-12 — Lab Sample ID: 460-335975-4

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Perfluorononanoic acid (PFNA)	0.098	J	0.20	0.098	ug/Kg	1	☼	1633A	Total/NA
Perfluorodecanoic acid (PFDA)	0.19	J	0.20	0.059	ug/Kg	1	☼	1633A	Total/NA
Perfluoroundecanoic acid (PFUnA)	3.09		0.20	0.098	ug/Kg	1	☼	1633A	Total/NA
Perfluorododecanoic acid (PFDoA)	0.11	J	0.20	0.098	ug/Kg	1	☼	1633A	Total/NA
Perfluorotridecanoic acid (PFTrDA)	1.36		0.20	0.098	ug/Kg	1	☼	1633A	Total/NA
Aluminum	6850		16.8	4.6	mg/Kg	1	☼	6020B	Total/NA
Antimony	1.1		0.84	0.12	mg/Kg	1	☼	6020B	Total/NA
Arsenic	5.5		0.84	0.086	mg/Kg	1	☼	6020B	Total/NA
Barium	38.7		1.7	0.12	mg/Kg	1	☼	6020B	Total/NA
Beryllium	0.45		0.34	0.018	mg/Kg	1	☼	6020B	Total/NA
Cadmium	0.17	J	0.84	0.095	mg/Kg	1	☼	6020B	Total/NA
Calcium	1070		83.8	8.2	mg/Kg	1	☼	6020B	Total/NA

This Detection Summary does not include radiochemical test results.

Client Sample ID: 59B_6-12 (Continued)

Lab Sample ID: 460-335975-4

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Chromium	14.2		1.7	0.25	mg/Kg	1	☼	6020B	Total/NA
Cobalt	5.4		0.84	0.12	mg/Kg	1	☼	6020B	Total/NA
Copper	26.7		1.7	0.31	mg/Kg	1	☼	6020B	Total/NA
Iron	16600		50.3	6.4	mg/Kg	1	☼	6020B	Total/NA
Lead	28.1		0.50	0.17	mg/Kg	1	☼	6020B	Total/NA
Magnesium	2010		83.8	8.5	mg/Kg	1	☼	6020B	Total/NA
Manganese	222		3.4	0.34	mg/Kg	1	☼	6020B	Total/NA
Nickel	10		1.7	0.15	mg/Kg	1	☼	6020B	Total/NA
Potassium	1010		83.8	13.6	mg/Kg	1	☼	6020B	Total/NA
Selenium	0.24	J	1.0	0.11	mg/Kg	1	☼	6020B	Total/NA
Silver	0.16	J	0.34	0.075	mg/Kg	1	☼	6020B	Total/NA
Sodium	51.8	J	83.8	38.3	mg/Kg	1	☼	6020B	Total/NA
Thallium	0.087	J	0.34	0.034	mg/Kg	1	☼	6020B	Total/NA
Vanadium	21.9		1.7	0.17	mg/Kg	1	☼	6020B	Total/NA
Zinc	41.3		6.7	0.91	mg/Kg	1	☼	6020B	Total/NA
Mercury	0.027		0.017	0.0079	mg/Kg	1	☼	7471B	Total/NA

Client Sample ID: 59C_0-6

Lab Sample ID: 460-335975-5

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Perfluoroheptanoic acid (PFHpA)	0.10	J	0.19	0.096	ug/Kg	1	☼	1633A	Total/NA
Perfluorooctanoic acid (PFOA)	0.14	J	0.19	0.057	ug/Kg	1	☼	1633A	Total/NA
Perfluorononanoic acid (PFNA)	0.47		0.19	0.096	ug/Kg	1	☼	1633A	Total/NA
Perfluorodecanoic acid (PFDA)	0.52		0.19	0.057	ug/Kg	1	☼	1633A	Total/NA
Perfluoroundecanoic acid (PFUnA)	2.28		0.19	0.096	ug/Kg	1	☼	1633A	Total/NA
Perfluorododecanoic acid (PFDoA)	0.44		0.19	0.096	ug/Kg	1	☼	1633A	Total/NA
Perfluorotridecanoic acid (PFTrDA)	1.86		0.19	0.096	ug/Kg	1	☼	1633A	Total/NA
Perfluorotetradecanoic acid (PFTeDA)	0.10	J	0.19	0.096	ug/Kg	1	☼	1633A	Total/NA
1H,1H,2H,2H-Perfluorodecane sulfonic acid (8:2 FTS)	0.24	J	0.38	0.19	ug/Kg	1	☼	1633A	Total/NA
Aluminum	9520		17.1	4.7	mg/Kg	1	☼	6020B	Total/NA
Antimony	1.4		0.85	0.12	mg/Kg	1	☼	6020B	Total/NA
Arsenic	5.8		0.85	0.088	mg/Kg	1	☼	6020B	Total/NA
Barium	72.0		1.7	0.12	mg/Kg	1	☼	6020B	Total/NA
Beryllium	0.68		0.34	0.019	mg/Kg	1	☼	6020B	Total/NA
Cadmium	0.37	J	0.85	0.096	mg/Kg	1	☼	6020B	Total/NA
Calcium	7500		85.3	8.3	mg/Kg	1	☼	6020B	Total/NA
Chromium	20.7		1.7	0.25	mg/Kg	1	☼	6020B	Total/NA
Cobalt	7.7		0.85	0.13	mg/Kg	1	☼	6020B	Total/NA
Copper	35.7		1.7	0.31	mg/Kg	1	☼	6020B	Total/NA
Iron	24300		51.2	6.5	mg/Kg	1	☼	6020B	Total/NA
Lead	234		0.51	0.17	mg/Kg	1	☼	6020B	Total/NA
Magnesium	5580		85.3	8.7	mg/Kg	1	☼	6020B	Total/NA
Manganese	312		3.4	0.34	mg/Kg	1	☼	6020B	Total/NA
Nickel	43.5		1.7	0.15	mg/Kg	1	☼	6020B	Total/NA
Potassium	1440		85.3	13.8	mg/Kg	1	☼	6020B	Total/NA
Selenium	0.18	J	1.1	0.11	mg/Kg	1	☼	6020B	Total/NA
Silver	0.18	J	0.34	0.076	mg/Kg	1	☼	6020B	Total/NA
Sodium	145		85.3	39.0	mg/Kg	1	☼	6020B	Total/NA
Thallium	0.12	J	0.34	0.035	mg/Kg	1	☼	6020B	Total/NA
Vanadium	28.2		1.7	0.18	mg/Kg	1	☼	6020B	Total/NA
Zinc	95.2		6.8	0.93	mg/Kg	1	☼	6020B	Total/NA

This Detection Summary does not include radiochemical test results.

Client Sample ID: 59C_0-6 (Continued)

Lab Sample ID: 460-335975-5

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Mercury	0.030		0.019	0.0089	mg/Kg	1	☼	7471B	Total/NA

Client Sample ID: 59C_6-12

Lab Sample ID: 460-335975-6

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Perfluorononanoic acid (PFNA)	0.16	J	0.19	0.097	ug/Kg	1	☼	1633A	Total/NA
Perfluorodecanoic acid (PFDA)	0.16	J	0.19	0.058	ug/Kg	1	☼	1633A	Total/NA
Perfluoroundecanoic acid (PFUnA)	1.19		0.19	0.097	ug/Kg	1	☼	1633A	Total/NA
Perfluorododecanoic acid (PFDoA)	0.39		0.19	0.097	ug/Kg	1	☼	1633A	Total/NA
Perfluorotridecanoic acid (PFTrDA)	2.21		0.19	0.097	ug/Kg	1	☼	1633A	Total/NA
Perfluorooctanesulfonic acid (PFOS)	0.13	J	0.19	0.097	ug/Kg	1	☼	1633A	Total/NA
Aluminum	8520		17.6	4.8	mg/Kg	1	☼	6020B	Total/NA
Antimony	1.4		0.88	0.13	mg/Kg	1	☼	6020B	Total/NA
Arsenic	5.9		0.88	0.091	mg/Kg	1	☼	6020B	Total/NA
Barium	67.3		1.8	0.13	mg/Kg	1	☼	6020B	Total/NA
Beryllium	0.61		0.35	0.019	mg/Kg	1	☼	6020B	Total/NA
Cadmium	0.38	J	0.88	0.099	mg/Kg	1	☼	6020B	Total/NA
Calcium	6340		87.9	8.6	mg/Kg	1	☼	6020B	Total/NA
Chromium	18.5		1.8	0.26	mg/Kg	1	☼	6020B	Total/NA
Cobalt	6.9		0.88	0.13	mg/Kg	1	☼	6020B	Total/NA
Copper	33.0		1.8	0.32	mg/Kg	1	☼	6020B	Total/NA
Iron	22300		52.7	6.7	mg/Kg	1	☼	6020B	Total/NA
Lead	126		0.53	0.18	mg/Kg	1	☼	6020B	Total/NA
Magnesium	4740		87.9	9.0	mg/Kg	1	☼	6020B	Total/NA
Manganese	300		3.5	0.35	mg/Kg	1	☼	6020B	Total/NA
Nickel	16.4		1.8	0.16	mg/Kg	1	☼	6020B	Total/NA
Potassium	1320		87.9	14.2	mg/Kg	1	☼	6020B	Total/NA
Selenium	0.19	J	1.1	0.11	mg/Kg	1	☼	6020B	Total/NA
Silver	0.17	J	0.35	0.078	mg/Kg	1	☼	6020B	Total/NA
Sodium	122		87.9	40.2	mg/Kg	1	☼	6020B	Total/NA
Thallium	0.11	J	0.35	0.036	mg/Kg	1	☼	6020B	Total/NA
Vanadium	26.2		1.8	0.18	mg/Kg	1	☼	6020B	Total/NA
Zinc	84.4		7.0	0.96	mg/Kg	1	☼	6020B	Total/NA
Mercury	0.026		0.017	0.0082	mg/Kg	1	☼	7471B	Total/NA

Client Sample ID: 59D_0-6

Lab Sample ID: 460-335975-7

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Perfluorononanoic acid (PFNA)	0.62		0.20	0.10	ug/Kg	1	☼	1633A	Total/NA
Perfluorodecanoic acid (PFDA)	0.22		0.20	0.060	ug/Kg	1	☼	1633A	Total/NA
Perfluoroundecanoic acid (PFUnA)	2.21		0.20	0.10	ug/Kg	1	☼	1633A	Total/NA
Perfluorododecanoic acid (PFDoA)	0.28		0.20	0.10	ug/Kg	1	☼	1633A	Total/NA
Perfluorotridecanoic acid (PFTrDA)	1.72		0.20	0.10	ug/Kg	1	☼	1633A	Total/NA
Aluminum	7060		17.7	4.9	mg/Kg	1	☼	6020B	Total/NA
Antimony	1.2		0.88	0.13	mg/Kg	1	☼	6020B	Total/NA
Arsenic	6.3		0.88	0.091	mg/Kg	1	☼	6020B	Total/NA
Barium	55.0		1.8	0.13	mg/Kg	1	☼	6020B	Total/NA
Beryllium	0.61		0.35	0.019	mg/Kg	1	☼	6020B	Total/NA
Cadmium	0.25	J	0.88	0.10	mg/Kg	1	☼	6020B	Total/NA
Calcium	2590		88.4	8.6	mg/Kg	1	☼	6020B	Total/NA
Chromium	19.2		1.8	0.26	mg/Kg	1	☼	6020B	Total/NA
Cobalt	8.3		0.88	0.13	mg/Kg	1	☼	6020B	Total/NA

This Detection Summary does not include radiochemical test results.

Client Sample ID: 59D_0-6 (Continued) — Lab Sample ID: 460-335975-7

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Copper	39.6		1.8	0.33	mg/Kg	1	☼	6020B	Total/NA
Iron	20900		53.0	6.8	mg/Kg	1	☼	6020B	Total/NA
Lead	132		0.53	0.18	mg/Kg	1	☼	6020B	Total/NA
Magnesium	2720		88.4	9.0	mg/Kg	1	☼	6020B	Total/NA
Manganese	217		3.5	0.36	mg/Kg	1	☼	6020B	Total/NA
Nickel	20.3		1.8	0.16	mg/Kg	1	☼	6020B	Total/NA
Potassium	1430		88.4	14.3	mg/Kg	1	☼	6020B	Total/NA
Selenium	0.20	J	1.1	0.11	mg/Kg	1	☼	6020B	Total/NA
Silver	0.14	J	0.35	0.079	mg/Kg	1	☼	6020B	Total/NA
Sodium	79.8	J	88.4	40.4	mg/Kg	1	☼	6020B	Total/NA
Thallium	0.094	J	0.35	0.036	mg/Kg	1	☼	6020B	Total/NA
Vanadium	26.0		1.8	0.18	mg/Kg	1	☼	6020B	Total/NA
Zinc	106		7.1	0.96	mg/Kg	1	☼	6020B	Total/NA
Mercury	0.052		0.018	0.0086	mg/Kg	1	☼	7471B	Total/NA

Client Sample ID: 59D_6-12 — Lab Sample ID: 460-335975-8

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Perfluorooctanoic acid (PFOA)	0.16	J	0.19	0.058	ug/Kg	1	☼	1633A	Total/NA
Perfluorononanoic acid (PFNA)	1.96		0.19	0.096	ug/Kg	1	☼	1633A	Total/NA
Perfluorodecanoic acid (PFDA)	0.48		0.19	0.058	ug/Kg	1	☼	1633A	Total/NA
Perfluoroundecanoic acid (PFUnA)	4.79		0.19	0.096	ug/Kg	1	☼	1633A	Total/NA
Perfluorododecanoic acid (PFDoA)	0.35		0.19	0.096	ug/Kg	1	☼	1633A	Total/NA
Perfluorotridecanoic acid (PFTrDA)	3.43		0.19	0.096	ug/Kg	1	☼	1633A	Total/NA
Aluminum	7280		16.4	4.5	mg/Kg	1	☼	6020B	Total/NA
Antimony	1.2		0.82	0.12	mg/Kg	1	☼	6020B	Total/NA
Arsenic	6.8		0.82	0.084	mg/Kg	1	☼	6020B	Total/NA
Barium	60.7		1.6	0.12	mg/Kg	1	☼	6020B	Total/NA
Beryllium	0.66		0.33	0.018	mg/Kg	1	☼	6020B	Total/NA
Cadmium	0.23	J	0.82	0.092	mg/Kg	1	☼	6020B	Total/NA
Calcium	2070		81.8	8.0	mg/Kg	1	☼	6020B	Total/NA
Chromium	19.1		1.6	0.24	mg/Kg	1	☼	6020B	Total/NA
Cobalt	7.5		0.82	0.12	mg/Kg	1	☼	6020B	Total/NA
Copper	43.7		1.6	0.30	mg/Kg	1	☼	6020B	Total/NA
Iron	21400		49.1	6.3	mg/Kg	1	☼	6020B	Total/NA
Lead	279		0.49	0.16	mg/Kg	1	☼	6020B	Total/NA
Magnesium	2110		81.8	8.3	mg/Kg	1	☼	6020B	Total/NA
Manganese	181		3.3	0.33	mg/Kg	1	☼	6020B	Total/NA
Nickel	21.6		1.6	0.14	mg/Kg	1	☼	6020B	Total/NA
Potassium	1420		81.8	13.2	mg/Kg	1	☼	6020B	Total/NA
Selenium	0.25	J	1.0	0.10	mg/Kg	1	☼	6020B	Total/NA
Silver	0.14	J	0.33	0.073	mg/Kg	1	☼	6020B	Total/NA
Sodium	93.2		81.8	37.4	mg/Kg	1	☼	6020B	Total/NA
Thallium	0.096	J	0.33	0.034	mg/Kg	1	☼	6020B	Total/NA
Vanadium	25.3		1.6	0.17	mg/Kg	1	☼	6020B	Total/NA
Zinc	140		6.5	0.89	mg/Kg	1	☼	6020B	Total/NA
Mercury	0.030		0.017	0.0082	mg/Kg	1	☼	7471B	Total/NA

Client Sample ID: 59E_0-6 — Lab Sample ID: 460-335975-9

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Pyrene	0.012	J	0.35	0.0088	mg/Kg	1	☼	8270E	Total/NA

This Detection Summary does not include radiochemical test results.

Client Sample ID: 59E_0-6 (Continued)

Lab Sample ID: 460-335975-9

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Perfluoroheptanoic acid (PFHpA)	0.13	J	0.19	0.095	ug/Kg	1	☼	1633A	Total/NA
Perfluorooctanoic acid (PFOA)	0.35		0.19	0.057	ug/Kg	1	☼	1633A	Total/NA
Perfluorononanoic acid (PFNA)	1.45		0.19	0.095	ug/Kg	1	☼	1633A	Total/NA
Perfluorodecanoic acid (PFDA)	0.45		0.19	0.057	ug/Kg	1	☼	1633A	Total/NA
Perfluoroundecanoic acid (PFUnA)	2.24		0.19	0.095	ug/Kg	1	☼	1633A	Total/NA
Perfluorododecanoic acid (PFDoA)	0.28		0.19	0.095	ug/Kg	1	☼	1633A	Total/NA
Perfluorotridecanoic acid (PFTrDA)	2.18		0.19	0.095	ug/Kg	1	☼	1633A	Total/NA
Perfluorotetradecanoic acid (PFTeDA)	0.15	J	0.19	0.095	ug/Kg	1	☼	1633A	Total/NA
Perfluorooctanesulfonic acid (PFOS)	0.13	J	0.19	0.095	ug/Kg	1	☼	1633A	Total/NA
Aluminum	4690		15.9	4.4	mg/Kg	1	☼	6020B	Total/NA
Antimony	4.2		0.80	0.12	mg/Kg	1	☼	6020B	Total/NA
Arsenic	13.6		0.80	0.082	mg/Kg	1	☼	6020B	Total/NA
Barium	50.4		1.6	0.12	mg/Kg	1	☼	6020B	Total/NA
Beryllium	0.57		0.32	0.018	mg/Kg	1	☼	6020B	Total/NA
Cadmium	0.84		0.80	0.090	mg/Kg	1	☼	6020B	Total/NA
Calcium	1070		79.6	7.7	mg/Kg	1	☼	6020B	Total/NA
Chromium	14.8		1.6	0.24	mg/Kg	1	☼	6020B	Total/NA
Cobalt	5.6		0.80	0.12	mg/Kg	1	☼	6020B	Total/NA
Copper	100		1.6	0.29	mg/Kg	1	☼	6020B	Total/NA
Iron	21900		47.7	6.1	mg/Kg	1	☼	6020B	Total/NA
Lead	84.3		0.48	0.16	mg/Kg	1	☼	6020B	Total/NA
Magnesium	1380		79.6	8.1	mg/Kg	1	☼	6020B	Total/NA
Manganese	148		3.2	0.32	mg/Kg	1	☼	6020B	Total/NA
Nickel	13.5		1.6	0.14	mg/Kg	1	☼	6020B	Total/NA
Potassium	1270		79.6	12.9	mg/Kg	1	☼	6020B	Total/NA
Selenium	0.90	J	0.99	0.10	mg/Kg	1	☼	6020B	Total/NA
Silver	0.72		0.32	0.071	mg/Kg	1	☼	6020B	Total/NA
Sodium	66.0	J	79.6	36.4	mg/Kg	1	☼	6020B	Total/NA
Thallium	0.11	J	0.32	0.033	mg/Kg	1	☼	6020B	Total/NA
Vanadium	35.1		1.6	0.16	mg/Kg	1	☼	6020B	Total/NA
Zinc	105		6.4	0.87	mg/Kg	1	☼	6020B	Total/NA
Mercury	0.098		0.018	0.0083	mg/Kg	1	☼	7471B	Total/NA

Client Sample ID: 59E_6-12

Lab Sample ID: 460-335975-10

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Perfluorooctanoic acid (PFOA)	0.24		0.20	0.060	ug/Kg	1	☼	1633A	Total/NA
Perfluorononanoic acid (PFNA)	1.70		0.20	0.10	ug/Kg	1	☼	1633A	Total/NA
Perfluorodecanoic acid (PFDA)	0.57		0.20	0.060	ug/Kg	1	☼	1633A	Total/NA
Perfluoroundecanoic acid (PFUnA)	3.80		0.20	0.10	ug/Kg	1	☼	1633A	Total/NA
Perfluorododecanoic acid (PFDoA)	0.36		0.20	0.10	ug/Kg	1	☼	1633A	Total/NA
Perfluorotridecanoic acid (PFTrDA)	2.72		0.20	0.10	ug/Kg	1	☼	1633A	Total/NA
Perfluorotetradecanoic acid (PFTeDA)	0.12	J	0.20	0.10	ug/Kg	1	☼	1633A	Total/NA
Perfluorooctanesulfonic acid (PFOS)	0.20		0.20	0.10	ug/Kg	1	☼	1633A	Total/NA
1H,1H,2H,2H-Perfluorodecane sulfonic acid (8:2 FTS)	0.21	J	0.40	0.20	ug/Kg	1	☼	1633A	Total/NA
Aluminum	5680		17.9	4.9	mg/Kg	1	☼	6020B	Total/NA
Antimony	1.8		0.89	0.13	mg/Kg	1	☼	6020B	Total/NA
Arsenic	7.9		0.89	0.092	mg/Kg	1	☼	6020B	Total/NA
Barium	45.0		1.8	0.13	mg/Kg	1	☼	6020B	Total/NA
Beryllium	0.57		0.36	0.020	mg/Kg	1	☼	6020B	Total/NA
Cadmium	0.31	J	0.89	0.10	mg/Kg	1	☼	6020B	Total/NA

This Detection Summary does not include radiochemical test results.

Client Sample ID: 59E_6-12 (Continued) — Lab Sample ID: 460-335975-10

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Calcium	1430		89.3	8.7	mg/Kg	1	☼	6020B	Total/NA
Chromium	16.7		1.8	0.27	mg/Kg	1	☼	6020B	Total/NA
Cobalt	5.1		0.89	0.13	mg/Kg	1	☼	6020B	Total/NA
Copper	46.8		1.8	0.33	mg/Kg	1	☼	6020B	Total/NA
Iron	19400		53.6	6.8	mg/Kg	1	☼	6020B	Total/NA
Lead	101		0.54	0.18	mg/Kg	1	☼	6020B	Total/NA
Magnesium	1570		89.3	9.1	mg/Kg	1	☼	6020B	Total/NA
Manganese	165		3.6	0.36	mg/Kg	1	☼	6020B	Total/NA
Nickel	11.6		1.8	0.16	mg/Kg	1	☼	6020B	Total/NA
Potassium	1420		89.3	14.5	mg/Kg	1	☼	6020B	Total/NA
Selenium	0.26	J	1.1	0.11	mg/Kg	1	☼	6020B	Total/NA
Silver	0.25	J	0.36	0.079	mg/Kg	1	☼	6020B	Total/NA
Sodium	70.6	J	89.3	40.8	mg/Kg	1	☼	6020B	Total/NA
Thallium	0.079	J	0.36	0.037	mg/Kg	1	☼	6020B	Total/NA
Vanadium	23.8		1.8	0.18	mg/Kg	1	☼	6020B	Total/NA
Zinc	81.4		7.1	0.97	mg/Kg	1	☼	6020B	Total/NA
Mercury	0.049		0.017	0.0080	mg/Kg	1	☼	7471B	Total/NA

Client Sample ID: 59F_0-6 — Lab Sample ID: 460-335975-11

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Perfluorobutanoic acid (PFBA)	0.12	J	0.38	0.095	ug/Kg	1	☼	1633A	Total/NA
Perfluoropentanoic acid (PFPeA)	0.30		0.19	0.095	ug/Kg	1	☼	1633A	Total/NA
Perfluorohexanoic acid (PFHxA)	0.15	J	0.19	0.095	ug/Kg	1	☼	1633A	Total/NA
Perfluoroheptanoic acid (PFHpA)	0.19		0.19	0.095	ug/Kg	1	☼	1633A	Total/NA
Perfluorooctanoic acid (PFOA)	0.24		0.19	0.057	ug/Kg	1	☼	1633A	Total/NA
Perfluorononanoic acid (PFNA)	0.46		0.19	0.095	ug/Kg	1	☼	1633A	Total/NA
Perfluorodecanoic acid (PFDA)	0.23		0.19	0.057	ug/Kg	1	☼	1633A	Total/NA
Perfluoroundecanoic acid (PFUnA)	1.12		0.19	0.095	ug/Kg	1	☼	1633A	Total/NA
Perfluorododecanoic acid (PFDoA)	0.13	J	0.19	0.095	ug/Kg	1	☼	1633A	Total/NA
Perfluorotridecanoic acid (PFTrDA)	3.82		0.19	0.095	ug/Kg	1	☼	1633A	Total/NA
Aluminum	4600		15.9	4.4	mg/Kg	1	☼	6020B	Total/NA
Antimony	1.4		0.80	0.12	mg/Kg	1	☼	6020B	Total/NA
Arsenic	7.0		0.80	0.082	mg/Kg	1	☼	6020B	Total/NA
Barium	24.6		1.6	0.12	mg/Kg	1	☼	6020B	Total/NA
Beryllium	0.50		0.32	0.017	mg/Kg	1	☼	6020B	Total/NA
Cadmium	0.23	J	0.80	0.090	mg/Kg	1	☼	6020B	Total/NA
Calcium	2000		79.5	7.7	mg/Kg	1	☼	6020B	Total/NA
Chromium	11.8		1.6	0.24	mg/Kg	1	☼	6020B	Total/NA
Cobalt	5.1		0.80	0.12	mg/Kg	1	☼	6020B	Total/NA
Copper	27.5		1.6	0.29	mg/Kg	1	☼	6020B	Total/NA
Iron	18500		47.7	6.1	mg/Kg	1	☼	6020B	Total/NA
Lead	43.0		0.48	0.16	mg/Kg	1	☼	6020B	Total/NA
Magnesium	1910		79.5	8.1	mg/Kg	1	☼	6020B	Total/NA
Manganese	166		3.2	0.32	mg/Kg	1	☼	6020B	Total/NA
Nickel	9.6		1.6	0.14	mg/Kg	1	☼	6020B	Total/NA
Potassium	1460		79.5	12.9	mg/Kg	1	☼	6020B	Total/NA
Selenium	0.35	J	0.99	0.10	mg/Kg	1	☼	6020B	Total/NA
Silver	0.15	J	0.32	0.071	mg/Kg	1	☼	6020B	Total/NA
Sodium	46.2	J	79.5	36.3	mg/Kg	1	☼	6020B	Total/NA
Thallium	0.047	J	0.32	0.033	mg/Kg	1	☼	6020B	Total/NA

This Detection Summary does not include radiochemical test results.

Client Sample ID: 59F_0-6 (Continued) — Lab Sample ID: 460-335975-11

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Vanadium	20.8		1.6	0.16	mg/Kg	1	☼	6020B	Total/NA
Zinc	65.6		6.4	0.87	mg/Kg	1	☼	6020B	Total/NA
Mercury	0.017		0.016	0.0073	mg/Kg	1	☼	7471B	Total/NA

Client Sample ID: 59F_6-12 — Lab Sample ID: 460-335975-12

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Perfluorooctanoic acid (PFOA)	0.12	J	0.19	0.058	ug/Kg	1	☼	1633A	Total/NA
Perfluorononanoic acid (PFNA)	0.56		0.19	0.097	ug/Kg	1	☼	1633A	Total/NA
Perfluorodecanoic acid (PFDA)	0.27		0.19	0.058	ug/Kg	1	☼	1633A	Total/NA
Perfluoroundecanoic acid (PFUnA)	1.71		0.19	0.097	ug/Kg	1	☼	1633A	Total/NA
Perfluorododecanoic acid (PFDoA)	0.23		0.19	0.097	ug/Kg	1	☼	1633A	Total/NA
Perfluorotridecanoic acid (PFTrDA)	1.80		0.19	0.097	ug/Kg	1	☼	1633A	Total/NA
Perfluorotetradecanoic acid (PFTeDA)	0.098	J	0.19	0.097	ug/Kg	1	☼	1633A	Total/NA
1H,1H,2H,2H-Perfluorodecane sulfonic acid (8:2 FTS)	0.19	J	0.39	0.19	ug/Kg	1	☼	1633A	Total/NA
Aluminum	4700		17.2	4.7	mg/Kg	1	☼	6020B	Total/NA
Antimony	2.4		0.86	0.13	mg/Kg	1	☼	6020B	Total/NA
Arsenic	11.6		0.86	0.088	mg/Kg	1	☼	6020B	Total/NA
Barium	28.7		1.7	0.12	mg/Kg	1	☼	6020B	Total/NA
Beryllium	0.52		0.34	0.019	mg/Kg	1	☼	6020B	Total/NA
Cadmium	0.50	J	0.86	0.097	mg/Kg	1	☼	6020B	Total/NA
Calcium	5970		85.8	8.3	mg/Kg	1	☼	6020B	Total/NA
Chromium	13.2		1.7	0.25	mg/Kg	1	☼	6020B	Total/NA
Cobalt	5.7		0.86	0.13	mg/Kg	1	☼	6020B	Total/NA
Copper	52.9		1.7	0.32	mg/Kg	1	☼	6020B	Total/NA
Iron	21300		51.5	6.6	mg/Kg	1	☼	6020B	Total/NA
Lead	74.3		0.51	0.17	mg/Kg	1	☼	6020B	Total/NA
Magnesium	4190		85.8	8.8	mg/Kg	1	☼	6020B	Total/NA
Manganese	200		3.4	0.35	mg/Kg	1	☼	6020B	Total/NA
Nickel	11.1		1.7	0.15	mg/Kg	1	☼	6020B	Total/NA
Potassium	1540		85.8	13.9	mg/Kg	1	☼	6020B	Total/NA
Selenium	0.37	J	1.1	0.11	mg/Kg	1	☼	6020B	Total/NA
Silver	0.39		0.34	0.076	mg/Kg	1	☼	6020B	Total/NA
Sodium	40.2	J	85.8	39.2	mg/Kg	1	☼	6020B	Total/NA
Thallium	0.060	J	0.34	0.035	mg/Kg	1	☼	6020B	Total/NA
Vanadium	30.5		1.7	0.18	mg/Kg	1	☼	6020B	Total/NA
Zinc	79.4		6.9	0.94	mg/Kg	1	☼	6020B	Total/NA
Mercury	0.075		0.016	0.0077	mg/Kg	1	☼	7471B	Total/NA

Client Sample ID: 57A_0-4 — Lab Sample ID: 460-335975-13

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Perfluoroheptanoic acid (PFHpA)	0.17	J	0.20	0.10	ug/Kg	1	☼	1633A	Total/NA
Perfluorooctanoic acid (PFOA)	0.26		0.20	0.060	ug/Kg	1	☼	1633A	Total/NA
Perfluorononanoic acid (PFNA)	0.39		0.20	0.10	ug/Kg	1	☼	1633A	Total/NA
Perfluorodecanoic acid (PFDA)	0.85		0.20	0.060	ug/Kg	1	☼	1633A	Total/NA
Perfluoroundecanoic acid (PFUnA)	1.37		0.20	0.10	ug/Kg	1	☼	1633A	Total/NA
Perfluorododecanoic acid (PFDoA)	0.43		0.20	0.10	ug/Kg	1	☼	1633A	Total/NA
Perfluorotridecanoic acid (PFTrDA)	1.35		0.20	0.10	ug/Kg	1	☼	1633A	Total/NA
Perfluorotetradecanoic acid (PFTeDA)	0.15	J	0.20	0.10	ug/Kg	1	☼	1633A	Total/NA

This Detection Summary does not include radiochemical test results.

Client Sample ID: 57A_0-4 (Continued)

Lab Sample ID: 460-335975-13

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
1H,1H,2H,2H-Perfluorodecane sulfonic acid (8:2 FTS)	0.71		0.40	0.20	ug/Kg	1	☼	1633A	Total/NA
Aluminum	10600		17.5	4.8	mg/Kg	1	☼	6020B	Total/NA
Antimony	4.6		0.87	0.13	mg/Kg	1	☼	6020B	Total/NA
Arsenic	12.7		0.87	0.090	mg/Kg	1	☼	6020B	Total/NA
Barium	147		1.7	0.13	mg/Kg	1	☼	6020B	Total/NA
Beryllium	2.8		0.35	0.019	mg/Kg	1	☼	6020B	Total/NA
Cadmium	0.75	J	0.87	0.099	mg/Kg	1	☼	6020B	Total/NA
Calcium	3750		87.3	8.5	mg/Kg	1	☼	6020B	Total/NA
Chromium	108		1.7	0.26	mg/Kg	1	☼	6020B	Total/NA
Cobalt	46.8		0.87	0.13	mg/Kg	1	☼	6020B	Total/NA
Copper	462		1.7	0.32	mg/Kg	1	☼	6020B	Total/NA
Iron	39300		52.4	6.7	mg/Kg	1	☼	6020B	Total/NA
Lead	769		0.52	0.17	mg/Kg	1	☼	6020B	Total/NA
Magnesium	2150		87.3	8.9	mg/Kg	1	☼	6020B	Total/NA
Manganese	266		3.5	0.35	mg/Kg	1	☼	6020B	Total/NA
Nickel	216		1.7	0.15	mg/Kg	1	☼	6020B	Total/NA
Potassium	1680		87.3	14.1	mg/Kg	1	☼	6020B	Total/NA
Selenium	1.9		1.1	0.11	mg/Kg	1	☼	6020B	Total/NA
Silver	0.82		0.35	0.078	mg/Kg	1	☼	6020B	Total/NA
Sodium	307		87.3	39.9	mg/Kg	1	☼	6020B	Total/NA
Thallium	0.069	J	0.35	0.036	mg/Kg	1	☼	6020B	Total/NA
Vanadium	37.3		1.7	0.18	mg/Kg	1	☼	6020B	Total/NA
Zinc	1420		7.0	0.95	mg/Kg	1	☼	6020B	Total/NA
Mercury	0.026		0.018	0.0086	mg/Kg	1	☼	7471B	Total/NA

Client Sample ID: 57A_4-8

Lab Sample ID: 460-335975-14

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Perfluoroheptanoic acid (PFHpA)	0.10	J	0.20	0.099	ug/Kg	1	☼	1633A	Total/NA
Perfluorooctanoic acid (PFOA)	0.15	J	0.20	0.060	ug/Kg	1	☼	1633A	Total/NA
Perfluorononanoic acid (PFNA)	0.22		0.20	0.099	ug/Kg	1	☼	1633A	Total/NA
Perfluorodecanoic acid (PFDA)	0.56		0.20	0.060	ug/Kg	1	☼	1633A	Total/NA
Perfluoroundecanoic acid (PFUnA)	0.93		0.20	0.099	ug/Kg	1	☼	1633A	Total/NA
Perfluorododecanoic acid (PFDoA)	0.39		0.20	0.099	ug/Kg	1	☼	1633A	Total/NA
Perfluorotridecanoic acid (PFTrDA)	0.60		0.20	0.099	ug/Kg	1	☼	1633A	Total/NA
1H,1H,2H,2H-Perfluorodecane sulfonic acid (8:2 FTS)	0.53		0.40	0.20	ug/Kg	1	☼	1633A	Total/NA
Aluminum	5580		16.5	4.5	mg/Kg	1	☼	6020B	Total/NA
Antimony	1.2		0.83	0.12	mg/Kg	1	☼	6020B	Total/NA
Arsenic	7.4		0.83	0.085	mg/Kg	1	☼	6020B	Total/NA
Barium	49.1		1.7	0.12	mg/Kg	1	☼	6020B	Total/NA
Beryllium	1.0		0.33	0.018	mg/Kg	1	☼	6020B	Total/NA
Cadmium	0.16	J	0.83	0.093	mg/Kg	1	☼	6020B	Total/NA
Calcium	1020		82.7	8.1	mg/Kg	1	☼	6020B	Total/NA
Chromium	28.6		1.7	0.25	mg/Kg	1	☼	6020B	Total/NA
Cobalt	11.7		0.83	0.12	mg/Kg	1	☼	6020B	Total/NA
Copper	96.8		1.7	0.30	mg/Kg	1	☼	6020B	Total/NA
Iron	22600		49.6	6.3	mg/Kg	1	☼	6020B	Total/NA
Lead	109		0.50	0.17	mg/Kg	1	☼	6020B	Total/NA
Magnesium	1240		82.7	8.4	mg/Kg	1	☼	6020B	Total/NA
Manganese	298		3.3	0.33	mg/Kg	1	☼	6020B	Total/NA

This Detection Summary does not include radiochemical test results.

Client Sample ID: 57A_4-8 (Continued) — Lab Sample ID: 460-335975-14

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Nickel	43.1		1.7	0.15	mg/Kg	1	☼	6020B	Total/NA
Potassium	1650		82.7	13.4	mg/Kg	1	☼	6020B	Total/NA
Selenium	0.65	J	1.0	0.11	mg/Kg	1	☼	6020B	Total/NA
Silver	0.16	J	0.33	0.074	mg/Kg	1	☼	6020B	Total/NA
Sodium	80.2	J	82.7	37.8	mg/Kg	1	☼	6020B	Total/NA
Thallium	0.045	J	0.33	0.034	mg/Kg	1	☼	6020B	Total/NA
Vanadium	22.7		1.7	0.17	mg/Kg	1	☼	6020B	Total/NA
Zinc	281		6.6	0.90	mg/Kg	1	☼	6020B	Total/NA
Mercury	0.014	J	0.018	0.0085	mg/Kg	1	☼	7471B	Total/NA

Client Sample ID: 57B_0-4 — Lab Sample ID: 460-335975-15

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Perfluoroheptanoic acid (PFHpA)	0.16	J	0.19	0.096	ug/Kg	1	☼	1633A	Total/NA
Perfluorooctanoic acid (PFOA)	0.34		0.19	0.058	ug/Kg	1	☼	1633A	Total/NA
Perfluorononanoic acid (PFNA)	0.32		0.19	0.096	ug/Kg	1	☼	1633A	Total/NA
Perfluorodecanoic acid (PFDA)	0.50		0.19	0.058	ug/Kg	1	☼	1633A	Total/NA
Perfluoroundecanoic acid (PFUnA)	0.68		0.19	0.096	ug/Kg	1	☼	1633A	Total/NA
Perfluorododecanoic acid (PFDoA)	0.35		0.19	0.096	ug/Kg	1	☼	1633A	Total/NA
Perfluorotridecanoic acid (PFTrDA)	1.09		0.19	0.096	ug/Kg	1	☼	1633A	Total/NA
Perfluorotetradecanoic acid (PFTeDA)	0.19		0.19	0.096	ug/Kg	1	☼	1633A	Total/NA
1H,1H,2H,2H-Perfluorooctane sulfonic acid (6:2 FTS)	0.24	J	0.38	0.19	ug/Kg	1	☼	1633A	Total/NA
1H,1H,2H,2H-Perfluorodecane sulfonic acid (8:2 FTS)	11.2		0.38	0.19	ug/Kg	1	☼	1633A	Total/NA
3-Perfluoroheptylpropanoic acid (7:3 FTCA)	0.54	J	0.96	0.48	ug/Kg	1	☼	1633A	Total/NA
Aluminum	4270		17.9	4.9	mg/Kg	1	☼	6020B	Total/NA
Antimony	1.2		0.90	0.13	mg/Kg	1	☼	6020B	Total/NA
Arsenic	7.3		0.90	0.092	mg/Kg	1	☼	6020B	Total/NA
Barium	26.0		1.8	0.13	mg/Kg	1	☼	6020B	Total/NA
Beryllium	0.58		0.36	0.020	mg/Kg	1	☼	6020B	Total/NA
Cadmium	0.19	J	0.90	0.10	mg/Kg	1	☼	6020B	Total/NA
Calcium	574		89.7	8.7	mg/Kg	1	☼	6020B	Total/NA
Chromium	16.0		1.8	0.27	mg/Kg	1	☼	6020B	Total/NA
Cobalt	5.4		0.90	0.13	mg/Kg	1	☼	6020B	Total/NA
Copper	50.7		1.8	0.33	mg/Kg	1	☼	6020B	Total/NA
Iron	16200		53.8	6.9	mg/Kg	1	☼	6020B	Total/NA
Lead	80.3		0.54	0.18	mg/Kg	1	☼	6020B	Total/NA
Magnesium	859		89.7	9.2	mg/Kg	1	☼	6020B	Total/NA
Manganese	76.0		3.6	0.36	mg/Kg	1	☼	6020B	Total/NA
Nickel	20.7		1.8	0.16	mg/Kg	1	☼	6020B	Total/NA
Potassium	1130		89.7	14.5	mg/Kg	1	☼	6020B	Total/NA
Selenium	0.47	J	1.1	0.11	mg/Kg	1	☼	6020B	Total/NA
Silver	0.18	J	0.36	0.080	mg/Kg	1	☼	6020B	Total/NA
Thallium	0.038	J	0.36	0.037	mg/Kg	1	☼	6020B	Total/NA
Vanadium	20.4		1.8	0.18	mg/Kg	1	☼	6020B	Total/NA
Zinc	118		7.2	0.98	mg/Kg	1	☼	6020B	Total/NA
Mercury	0.016	J	0.019	0.0090	mg/Kg	1	☼	7471B	Total/NA

This Detection Summary does not include radiochemical test results.

Detection Summary

Client: Haley & Aldrich, Inc.
Project/Site: Former Port Mobil

Job ID: 460-335975-1

Client Sample ID: 57B_4-8 — Lab Sample ID: 460-335975-16

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Benzo[a]pyrene	0.011	J	0.040	0.011	mg/Kg	1	☼	8270E	Total/NA
Benzo[b]fluoranthene	0.012	J	0.040	0.010	mg/Kg	1	☼	8270E	Total/NA
Benzo[g,h,i]perylene	0.014	J	0.40	0.012	mg/Kg	1	☼	8270E	Total/NA
Benzo[k]fluoranthene	0.0080	J	0.040	0.0078	mg/Kg	1	☼	8270E	Total/NA
Perfluorohexanoic acid (PFHxA)	0.098	J	0.20	0.098	ug/Kg	1	☼	1633A	Total/NA
Perfluoroheptanoic acid (PFHpA)	0.30		0.20	0.098	ug/Kg	1	☼	1633A	Total/NA
Perfluorooctanoic acid (PFOA)	0.49		0.20	0.059	ug/Kg	1	☼	1633A	Total/NA
Perfluorononanoic acid (PFNA)	0.37		0.20	0.098	ug/Kg	1	☼	1633A	Total/NA
Perfluorodecanoic acid (PFDA)	0.70		0.20	0.059	ug/Kg	1	☼	1633A	Total/NA
Perfluoroundecanoic acid (PFUnA)	1.52		0.20	0.098	ug/Kg	1	☼	1633A	Total/NA
Perfluorododecanoic acid (PFDoA)	0.51		0.20	0.098	ug/Kg	1	☼	1633A	Total/NA
Perfluorotridecanoic acid (PFTrDA)	1.01		0.20	0.098	ug/Kg	1	☼	1633A	Total/NA
Perfluorotetradecanoic acid (PFTeDA)	0.20		0.20	0.098	ug/Kg	1	☼	1633A	Total/NA
1H,1H,2H,2H-Perfluorooctane sulfonic acid (6:2 FTS)	0.25	J	0.39	0.20	ug/Kg	1	☼	1633A	Total/NA
1H,1H,2H,2H-Perfluorodecane sulfonic acid (8:2 FTS)	8.38		0.39	0.20	ug/Kg	1	☼	1633A	Total/NA
Aluminum	7160		18.5	5.1	mg/Kg	1	☼	6020B	Total/NA
Antimony	1.9		0.92	0.13	mg/Kg	1	☼	6020B	Total/NA
Arsenic	9.9		0.92	0.095	mg/Kg	1	☼	6020B	Total/NA
Barium	63.3		1.8	0.13	mg/Kg	1	☼	6020B	Total/NA
Beryllium	1.0		0.37	0.020	mg/Kg	1	☼	6020B	Total/NA
Cadmium	0.43	J	0.92	0.10	mg/Kg	1	☼	6020B	Total/NA
Calcium	5710		92.4	9.0	mg/Kg	1	☼	6020B	Total/NA
Chromium	28.5		1.8	0.27	mg/Kg	1	☼	6020B	Total/NA
Cobalt	12.1		0.92	0.14	mg/Kg	1	☼	6020B	Total/NA
Copper	97.9		1.8	0.34	mg/Kg	1	☼	6020B	Total/NA
Iron	23400		55.4	7.1	mg/Kg	1	☼	6020B	Total/NA
Lead	159		0.55	0.18	mg/Kg	1	☼	6020B	Total/NA
Magnesium	3770		92.4	9.4	mg/Kg	1	☼	6020B	Total/NA
Manganese	143		3.7	0.37	mg/Kg	1	☼	6020B	Total/NA
Nickel	44.3		1.8	0.16	mg/Kg	1	☼	6020B	Total/NA
Potassium	1770		92.4	15.0	mg/Kg	1	☼	6020B	Total/NA
Selenium	0.70	J	1.2	0.12	mg/Kg	1	☼	6020B	Total/NA
Silver	0.31	J	0.37	0.082	mg/Kg	1	☼	6020B	Total/NA
Sodium	116		92.4	42.2	mg/Kg	1	☼	6020B	Total/NA
Thallium	0.056	J	0.37	0.038	mg/Kg	1	☼	6020B	Total/NA
Vanadium	29.2		1.8	0.19	mg/Kg	1	☼	6020B	Total/NA
Zinc	423		7.4	1.0	mg/Kg	1	☼	6020B	Total/NA
Mercury	0.013	J	0.019	0.0090	mg/Kg	1	☼	7471B	Total/NA

Client Sample ID: 59A1_0-1 — Lab Sample ID: 460-335975-17

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Methylene Chloride	0.0028		0.0022	0.0013	mg/Kg	1	☼	8260D	Total/NA

Client Sample ID: 59A2_2-3 — Lab Sample ID: 460-335975-18

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Methylene Chloride	0.0026		0.0021	0.0012	mg/Kg	1	☼	8260D	Total/NA

This Detection Summary does not include radiochemical test results.

Eurofins Edison

Detection Summary

Client: Haley & Aldrich, Inc.
Project/Site: Former Port Mobil

Job ID: 460-335975-1

Client Sample ID: 59A3_3-4 — Lab Sample ID: 460-335975-19

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Methylene Chloride	0.0037		0.0020	0.0011	mg/Kg	1	☼	8260D	Total/NA

Client Sample ID: 59A1_4-5 — Lab Sample ID: 460-335975-20

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Methylene Chloride	0.0038		0.0032	0.0018	mg/Kg	1	☼	8260D	Total/NA

Client Sample ID: 59A2_6-7 — Lab Sample ID: 460-335975-21

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Methylene Chloride	0.0067		0.0021	0.0012	mg/Kg	1	☼	8260D	Total/NA

Client Sample ID: 59A3_8-9 — Lab Sample ID: 460-335975-22

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Methylene Chloride	0.0022		0.0020	0.0012	mg/Kg	1	☼	8260D	Total/NA

Client Sample ID: 59A3_11-12 — Lab Sample ID: 460-335975-23

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Methylene Chloride	0.0021		0.0019	0.0011	mg/Kg	1	☼	8260D	Total/NA

Client Sample ID: 59B1_1-2 — Lab Sample ID: 460-335975-24

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Methylene Chloride	0.0032		0.0024	0.0014	mg/Kg	1	☼	8260D	Total/NA

Client Sample ID: 59B2_2-3 — Lab Sample ID: 460-335975-25

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Methylene Chloride	0.0029		0.0025	0.0014	mg/Kg	1	☼	8260D	Total/NA

Client Sample ID: 59B3_4-5 — Lab Sample ID: 460-335975-26

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Methylene Chloride	0.0023		0.0015	0.00087	mg/Kg	1	☼	8260D	Total/NA

Client Sample ID: 59B1_5-6 — Lab Sample ID: 460-335975-27

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Methylene Chloride	0.0030		0.0019	0.0011	mg/Kg	1	☼	8260D	Total/NA

Client Sample ID: 59B2_7.8 — Lab Sample ID: 460-335975-28

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Methylene Chloride	0.0062		0.0035	0.0020	mg/Kg	1	☼	8260D	Total/NA

Client Sample ID: 59B3_8-9 — Lab Sample ID: 460-335975-29

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Methylene Chloride	0.0019	J	0.0022	0.0012	mg/Kg	1	☼	8260D	Total/NA

Client Sample ID: 59B2_9-10 — Lab Sample ID: 460-335975-30

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Methylene Chloride	0.0024		0.0019	0.0011	mg/Kg	1	☼	8260D	Total/NA

This Detection Summary does not include radiochemical test results.

Detection Summary

Client: Haley & Aldrich, Inc.
Project/Site: Former Port Mobil

Job ID: 460-335975-1

Client Sample ID: 59C1_1-2 — Lab Sample ID: 460-335975-31

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Methylene Chloride	0.0031		0.0022	0.0012	mg/Kg	1	☼	8260D	Total/NA

Client Sample ID: 59C2_3-4 — Lab Sample ID: 460-335975-32

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Methylene Chloride	0.0032		0.0025	0.0015	mg/Kg	1	☼	8260D	Total/NA

Client Sample ID: 59C3_4-5 — Lab Sample ID: 460-335975-33

No Detections.

Client Sample ID: 59C1_5-6 — Lab Sample ID: 460-335975-34

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Methylene Chloride	0.0024		0.0023	0.0013	mg/Kg	1	☼	8260D	Total/NA

Client Sample ID: 59C2_6-7 — Lab Sample ID: 460-335975-35

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Methylene Chloride	0.0013	J	0.0019	0.0011	mg/Kg	1	☼	8260D	Total/NA

Client Sample ID: 59C3_8-9 — Lab Sample ID: 460-335975-36

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Methylene Chloride	0.0012	J	0.0021	0.0012	mg/Kg	1	☼	8260D	Total/NA

Client Sample ID: 59C1_9-10 — Lab Sample ID: 460-335975-37

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Methylene Chloride	0.0020		0.0019	0.0011	mg/Kg	1	☼	8260D	Total/NA

Client Sample ID: 59D1_1-2 — Lab Sample ID: 460-335975-38

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Methylene Chloride	0.0017		0.0017	0.00095	mg/Kg	1	☼	8260D	Total/NA

Client Sample ID: 59D2_2-3 — Lab Sample ID: 460-335975-39

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Methylene Chloride	0.0025		0.0017	0.00099	mg/Kg	1	☼	8260D	Total/NA

Client Sample ID: 59D3_3-4 — Lab Sample ID: 460-335975-40

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Methylene Chloride	0.0037		0.0033	0.0019	mg/Kg	1	☼	8260D	Total/NA

Client Sample ID: 59D1_6-7 — Lab Sample ID: 460-335975-41

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Methylene Chloride	0.0033		0.0022	0.0012	mg/Kg	1	☼	8260D	Total/NA

Client Sample ID: 59D2_7-8 — Lab Sample ID: 460-335975-42

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Methylene Chloride	0.00091	J	0.0014	0.00080	mg/Kg	1	☼	8260D	Total/NA

This Detection Summary does not include radiochemical test results.

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Detection Summary

Client: Haley & Aldrich, Inc.
Project/Site: Former Port Mobil

Job ID: 460-335975-1

Client Sample ID: 59D3_8-9 — Lab Sample ID: 460-335975-43

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Methylene Chloride	0.0028		0.0022	0.0013	mg/Kg	1	☼	8260D	Total/NA

Client Sample ID: 59D2_11-12 — Lab Sample ID: 460-335975-44

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Methylene Chloride	0.0028		0.0023	0.0013	mg/Kg	1	☼	8260D	Total/NA
Xylenes, Total	0.00041	J	0.0023	0.00020	mg/Kg	1	☼	8260D	Total/NA

Client Sample ID: 59E1_1-2 — Lab Sample ID: 460-335975-45

No Detections.

Client Sample ID: 59E2_2-3 — Lab Sample ID: 460-335975-46

No Detections.

Client Sample ID: 59E3_4-5 — Lab Sample ID: 460-335975-47

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Methylene Chloride	0.0027		0.0019	0.0011	mg/Kg	1	☼	8260D	Total/NA

Client Sample ID: 59E1_6-7 — Lab Sample ID: 460-335975-48

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Methylene Chloride	0.0022	J	0.0024	0.0014	mg/Kg	1	☼	8260D	Total/NA

Client Sample ID: 59E2_8-9 — Lab Sample ID: 460-335975-49

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Methylene Chloride	0.0020	J	0.0023	0.0013	mg/Kg	1	☼	8260D	Total/NA

Client Sample ID: 59E3_9-10 — Lab Sample ID: 460-335975-50

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Methylene Chloride	0.0019		0.0019	0.0011	mg/Kg	1	☼	8260D	Total/NA

Client Sample ID: 59E1_11-12 — Lab Sample ID: 460-335975-51

No Detections.

Client Sample ID: 59F1_1-2 — Lab Sample ID: 460-335975-52

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Methylene Chloride	0.0031		0.0022	0.0013	mg/Kg	1	☼	8260D	Total/NA

Client Sample ID: 59F2_3-4 — Lab Sample ID: 460-335975-53

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Methylene Chloride	0.0050		0.0036	0.0021	mg/Kg	1	☼	8260D	Total/NA

Client Sample ID: 59F3_4-5 — Lab Sample ID: 460-335975-54

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Methylene Chloride	0.0023	J	0.0028	0.0016	mg/Kg	1	☼	8260D	Total/NA

Client Sample ID: 59F1_5-6 — Lab Sample ID: 460-335975-55

No Detections.

This Detection Summary does not include radiochemical test results.

Eurofins Edison

Detection Summary

Client: Haley & Aldrich, Inc.
Project/Site: Former Port Mobil

Job ID: 460-335975-1

Client Sample ID: 59F2_7-8 — Lab Sample ID: 460-335975-56

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Methylene Chloride	0.0029		0.0022	0.0013	mg/Kg	1	☼	8260D	Total/NA

Client Sample ID: 59F3_9-10 — Lab Sample ID: 460-335975-57

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Methylene Chloride	0.0015	J	0.0023	0.0013	mg/Kg	1	☼	8260D	Total/NA

Client Sample ID: 59F1_11-12 — Lab Sample ID: 460-335975-58

No Detections.

Client Sample ID: 57A1_1-2 — Lab Sample ID: 460-335975-59

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Methylene Chloride	0.0040		0.0027	0.0016	mg/Kg	1	☼	8260D	Total/NA

Client Sample ID: 57A2_2-3 — Lab Sample ID: 460-335975-60

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Methylene Chloride	0.0080		0.0044	0.0025	mg/Kg	1	☼	8260D	Total/NA

Client Sample ID: 57A3_3-4 — Lab Sample ID: 460-335975-61

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Methylene Chloride	0.0021		0.0021	0.0012	mg/Kg	1	☼	8260D	Total/NA

Client Sample ID: 57A1_4-5 — Lab Sample ID: 460-335975-62

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Acetone	0.0075	*	0.0050	0.0048	mg/Kg	1	☼	8260D	Total/NA

Client Sample ID: 57A2_6-7 — Lab Sample ID: 460-335975-63

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Methylene Chloride	0.0018	J	0.0019	0.0011	mg/Kg	1	☼	8260D	Total/NA

Client Sample ID: 57A3_5-6 — Lab Sample ID: 460-335975-64

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Methylene Chloride	0.0033		0.0022	0.0013	mg/Kg	1	☼	8260D	Total/NA

Client Sample ID: 57A3_7-8 — Lab Sample ID: 460-335975-65

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Methylene Chloride	0.0034		0.0020	0.0012	mg/Kg	1	☼	8260D	Total/NA

Client Sample ID: 57B1_1-2 — Lab Sample ID: 460-335975-66

No Detections.

Client Sample ID: 57B2_2-3 — Lab Sample ID: 460-335975-67

No Detections.

Client Sample ID: 57B3_3-4 — Lab Sample ID: 460-335975-68

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Methylene Chloride	0.0038		0.0021	0.0012	mg/Kg	1	☼	8260D	Total/NA

This Detection Summary does not include radiochemical test results.

Eurofins Edison

Detection Summary

Client: Haley & Aldrich, Inc.
Project/Site: Former Port Mobil

Job ID: 460-335975-1

Client Sample ID: 57B1_4-5 — Lab Sample ID: 460-335975-69

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Methylene Chloride	0.0046		0.0021	0.0012	mg/Kg	1	☼	8260D	Total/NA

Client Sample ID: 57B2_5-6 — Lab Sample ID: 460-335975-70

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Methylene Chloride	0.0024		0.0018	0.0010	mg/Kg	1	☼	8260D	Total/NA

Client Sample ID: 57B3_6-7 — Lab Sample ID: 460-335975-71

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Methylene Chloride	0.0040		0.0022	0.0013	mg/Kg	1	☼	8260D	Total/NA

Client Sample ID: 57B1_7-8 — Lab Sample ID: 460-335975-72

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Methylene Chloride	0.0047		0.0025	0.0014	mg/Kg	1	☼	8260D	Total/NA

This Detection Summary does not include radiochemical test results.

Client: Haley & Aldrich, Inc.
Project/Site: Former Port Mobil

Job ID: 460-335975-1

Client Sample ID: 59A_0-6
Date Collected: 09/29/25 11:30
Date Received: 09/29/25 15:30

Lab Sample ID: 460-335975-1
Matrix: Solid
Percent Solids: 94.3

Method: SW846 8270E - Semivolatile Organic Compounds (GC/MS)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1'-Biphenyl	0.35	U	0.35	0.012	mg/Kg	☼	09/30/25 22:25	10/01/25 07:40	1
1,2,4,5-Tetrachlorobenzene	0.35	U	0.35	0.011	mg/Kg	☼	09/30/25 22:25	10/01/25 07:40	1
1,4-Dioxane	0.035	U	0.035	0.030	mg/Kg	☼	09/30/25 22:25	10/01/25 07:40	1
2,2'-oxybis[1-chloropropane]	0.35	U	0.35	0.021	mg/Kg	☼	09/30/25 22:25	10/01/25 07:40	1
2,3,4,6-Tetrachlorophenol	0.35	U	0.35	0.024	mg/Kg	☼	09/30/25 22:25	10/01/25 07:40	1
2,4,5-Trichlorophenol	0.35	U	0.35	0.036	mg/Kg	☼	09/30/25 22:25	10/01/25 07:40	1
2,4,6-Trichlorophenol	0.14	U	0.14	0.045	mg/Kg	☼	09/30/25 22:25	10/01/25 07:40	1
2,4-Dichlorophenol	0.14	U	0.14	0.022	mg/Kg	☼	09/30/25 22:25	10/01/25 07:40	1
2,4-Dimethylphenol	0.35	U	0.35	0.042	mg/Kg	☼	09/30/25 22:25	10/01/25 07:40	1
2,4-Dinitrophenol	0.28	U	0.28	0.17	mg/Kg	☼	09/30/25 22:25	10/01/25 07:40	1
2,4-Dinitrotoluene	0.071	U	0.071	0.038	mg/Kg	☼	09/30/25 22:25	10/01/25 07:40	1
2,6-Dinitrotoluene	0.071	U	0.071	0.025	mg/Kg	☼	09/30/25 22:25	10/01/25 07:40	1
2-Chloronaphthalene	0.35	U	0.35	0.045	mg/Kg	☼	09/30/25 22:25	10/01/25 07:40	1
2-Chlorophenol	0.35	U	0.35	0.012	mg/Kg	☼	09/30/25 22:25	10/01/25 07:40	1
2-Methylnaphthalene	0.35	U	0.35	0.0098	mg/Kg	☼	09/30/25 22:25	10/01/25 07:40	1
2-Methylphenol	0.35	U	0.35	0.013	mg/Kg	☼	09/30/25 22:25	10/01/25 07:40	1
2-Nitroaniline	0.35	U	0.35	0.027	mg/Kg	☼	09/30/25 22:25	10/01/25 07:40	1
2-Nitrophenol	0.35	U	0.35	0.035	mg/Kg	☼	09/30/25 22:25	10/01/25 07:40	1
3 & 4 Methylphenol	0.35	U	0.35	0.022	mg/Kg	☼	09/30/25 22:25	10/01/25 07:40	1
3,3'-Dichlorobenzidine	0.14	U	0.14	0.053	mg/Kg	☼	09/30/25 22:25	10/01/25 07:40	1
3-Nitroaniline	0.35	U	0.35	0.083	mg/Kg	☼	09/30/25 22:25	10/01/25 07:40	1
4,6-Dinitro-2-methylphenol	0.28	U	0.28	0.14	mg/Kg	☼	09/30/25 22:25	10/01/25 07:40	1
4-Bromophenyl phenyl ether	0.35	U	0.35	0.014	mg/Kg	☼	09/30/25 22:25	10/01/25 07:40	1
4-Chloro-3-methylphenol	0.35	U	0.35	0.020	mg/Kg	☼	09/30/25 22:25	10/01/25 07:40	1
4-Chloroaniline	0.35	U	0.35	0.062	mg/Kg	☼	09/30/25 22:25	10/01/25 07:40	1
4-Chlorophenyl phenyl ether	0.35	U	0.35	0.012	mg/Kg	☼	09/30/25 22:25	10/01/25 07:40	1
4-Methylphenol	0.35	U	0.35	0.022	mg/Kg	☼	09/30/25 22:25	10/01/25 07:40	1
4-Nitroaniline	0.35	U	0.35	0.089	mg/Kg	☼	09/30/25 22:25	10/01/25 07:40	1
4-Nitrophenol	0.71	U	0.71	0.057	mg/Kg	☼	09/30/25 22:25	10/01/25 07:40	1
Acenaphthene	0.35	U	0.35	0.0099	mg/Kg	☼	09/30/25 22:25	10/01/25 07:40	1
Acenaphthylene	0.35	U	0.35	0.010	mg/Kg	☼	09/30/25 22:25	10/01/25 07:40	1
Acetophenone	0.35	U	0.35	0.017	mg/Kg	☼	09/30/25 22:25	10/01/25 07:40	1
Anthracene	0.35	U	0.35	0.011	mg/Kg	☼	09/30/25 22:25	10/01/25 07:40	1
Atrazine	0.14	U	0.14	0.021	mg/Kg	☼	09/30/25 22:25	10/01/25 07:40	1
Benzaldehyde	0.35	U	0.35	0.058	mg/Kg	☼	09/30/25 22:25	10/01/25 07:40	1
Benzo[a]anthracene	0.035	U	0.035	0.026	mg/Kg	☼	09/30/25 22:25	10/01/25 07:40	1
Benzo[a]pyrene	0.035	U	0.035	0.0093	mg/Kg	☼	09/30/25 22:25	10/01/25 07:40	1
Benzo[b]fluoranthene	0.035	U	0.035	0.0090	mg/Kg	☼	09/30/25 22:25	10/01/25 07:40	1
Benzo[g,h,i]perylene	0.35	U	0.35	0.010	mg/Kg	☼	09/30/25 22:25	10/01/25 07:40	1
Benzo[k]fluoranthene	0.035	U	0.035	0.0068	mg/Kg	☼	09/30/25 22:25	10/01/25 07:40	1
Bis(2-chloroethoxy)methane	0.35	U	0.35	0.064	mg/Kg	☼	09/30/25 22:25	10/01/25 07:40	1
Bis(2-chloroethyl)ether	0.035	U	0.035	0.012	mg/Kg	☼	09/30/25 22:25	10/01/25 07:40	1
Bis(2-ethylhexyl) phthalate	0.35	U	0.35	0.018	mg/Kg	☼	09/30/25 22:25	10/01/25 07:40	1
Butyl benzyl phthalate	0.35	U	0.35	0.016	mg/Kg	☼	09/30/25 22:25	10/01/25 07:40	1
Caprolactam	0.35	U	0.35	0.054	mg/Kg	☼	09/30/25 22:25	10/01/25 07:40	1
Carbazole	0.35	U	0.35	0.013	mg/Kg	☼	09/30/25 22:25	10/01/25 07:40	1
Chrysene	0.35	U	0.35	0.015	mg/Kg	☼	09/30/25 22:25	10/01/25 07:40	1
Dibenz(a,h)anthracene	0.035	U	0.035	0.015	mg/Kg	☼	09/30/25 22:25	10/01/25 07:40	1
Dibenzofuran	0.35	U	0.35	0.012	mg/Kg	☼	09/30/25 22:25	10/01/25 07:40	1

Client Sample ID: 59A_0-6

Date Collected: 09/29/25 11:30
Date Received: 09/29/25 15:30

Lab Sample ID: 460-335975-1

Matrix: Solid
Percent Solids: 94.3

Method: SW846 8270E - Semivolatile Organic Compounds (GC/MS) (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Diethyl phthalate	0.35	U	0.35	0.011	mg/Kg	☼	09/30/25 22:25	10/01/25 07:40	1
Dimethyl phthalate	0.35	U	0.35	0.079	mg/Kg	☼	09/30/25 22:25	10/01/25 07:40	1
Di-n-butyl phthalate	0.35	U	0.35	0.013	mg/Kg	☼	09/30/25 22:25	10/01/25 07:40	1
Di-n-octyl phthalate	0.35	U	0.35	0.018	mg/Kg	☼	09/30/25 22:25	10/01/25 07:40	1
Fluoranthene	0.35	U	0.35	0.012	mg/Kg	☼	09/30/25 22:25	10/01/25 07:40	1
Fluorene	0.35	U	0.35	0.010	mg/Kg	☼	09/30/25 22:25	10/01/25 07:40	1
Hexachlorobenzene	0.035	U	0.035	0.017	mg/Kg	☼	09/30/25 22:25	10/01/25 07:40	1
Hexachlorobutadiene	0.071	U	0.071	0.0074	mg/Kg	☼	09/30/25 22:25	10/01/25 07:40	1
Hexachlorocyclopentadiene	0.35	U	0.35	0.031	mg/Kg	☼	09/30/25 22:25	10/01/25 07:40	1
Hexachloroethane	0.035	U	0.035	0.012	mg/Kg	☼	09/30/25 22:25	10/01/25 07:40	1
Indeno[1,2,3-cd]pyrene	0.035	U	0.035	0.014	mg/Kg	☼	09/30/25 22:25	10/01/25 07:40	1
Isophorone	0.14	U	0.14	0.10	mg/Kg	☼	09/30/25 22:25	10/01/25 07:40	1
Naphthalene	0.35	U	0.35	0.0060	mg/Kg	☼	09/30/25 22:25	10/01/25 07:40	1
Nitrobenzene	0.035	U	0.035	0.019	mg/Kg	☼	09/30/25 22:25	10/01/25 07:40	1
N-Nitrosodi-n-propylamine	0.035	U	0.035	0.025	mg/Kg	☼	09/30/25 22:25	10/01/25 07:40	1
N-Nitrosodiphenylamine	0.35	U	0.35	0.029	mg/Kg	☼	09/30/25 22:25	10/01/25 07:40	1
Pentachlorophenol	0.28	U	0.28	0.072	mg/Kg	☼	09/30/25 22:25	10/01/25 07:40	1
Phenanthrene	0.35	U	0.35	0.014	mg/Kg	☼	09/30/25 22:25	10/01/25 07:40	1
Phenol	0.35	U	0.35	0.013	mg/Kg	☼	09/30/25 22:25	10/01/25 07:40	1
Pyrene	0.35	U	0.35	0.0087	mg/Kg	☼	09/30/25 22:25	10/01/25 07:40	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
2,4,6-Tribromophenol (Surr)	*54*		*18 - 137*	*09/30/25 22:25*	*10/01/25 07:40*	*1*
2-Fluorobiphenyl	*58*		*33 - 117*	*09/30/25 22:25*	*10/01/25 07:40*	*1*
2-Fluorophenol (Surr)	*63*		*24 - 120*	*09/30/25 22:25*	*10/01/25 07:40*	*1*
Nitrobenzene-d5 (Surr)	*61*		*27 - 120*	*09/30/25 22:25*	*10/01/25 07:40*	*1*
Phenol-d5 (Surr)	*61*		*28 - 118*	*09/30/25 22:25*	*10/01/25 07:40*	*1*
Terphenyl-d14 (Surr)	*66*		*33 - 124*	*09/30/25 22:25*	*10/01/25 07:40*	*1*

Method: SW846 8081B - Organochlorine Pesticides (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
4,4'-DDD	0.0071	U	0.0071	0.0012	mg/Kg	☼	09/30/25 16:49	10/01/25 08:47	1
4,4'-DDE	0.0071	U	0.0071	0.00084	mg/Kg	☼	09/30/25 16:49	10/01/25 08:47	1
4,4'-DDT	0.0071	U	0.0071	0.0013	mg/Kg	☼	09/30/25 16:49	10/01/25 08:47	1
Aldrin	0.0071	U	0.0071	0.0011	mg/Kg	☼	09/30/25 16:49	10/01/25 08:47	1
alpha-BHC	0.0021	U	0.0021	0.00072	mg/Kg	☼	09/30/25 16:49	10/01/25 08:47	1
beta-BHC	0.0021	U	0.0021	0.00080	mg/Kg	☼	09/30/25 16:49	10/01/25 08:47	1
Chlordane (technical)	0.071	U	0.071	0.017	mg/Kg	☼	09/30/25 16:49	10/01/25 08:47	1
cis-Chlordane	0.0071	U	0.0071	0.0011	mg/Kg	☼	09/30/25 16:49	10/01/25 08:47	1
delta-BHC	0.0021	U	0.0021	0.00043	mg/Kg	☼	09/30/25 16:49	10/01/25 08:47	1
Dieldrin	0.0021	U	0.0021	0.00092	mg/Kg	☼	09/30/25 16:49	10/01/25 08:47	1
Endosulfan I	0.0071	U	0.0071	0.0011	mg/Kg	☼	09/30/25 16:49	10/01/25 08:47	1
Endosulfan II	0.0071	U	0.0071	0.0018	mg/Kg	☼	09/30/25 16:49	10/01/25 08:47	1
Endosulfan sulfate	0.0071	U	0.0071	0.00089	mg/Kg	☼	09/30/25 16:49	10/01/25 08:47	1
Endrin	0.0071	U	0.0071	0.0010	mg/Kg	☼	09/30/25 16:49	10/01/25 08:47	1
Endrin aldehyde	0.0071	U	0.0071	0.0017	mg/Kg	☼	09/30/25 16:49	10/01/25 08:47	1
Endrin ketone	0.0071	U	0.0071	0.0014	mg/Kg	☼	09/30/25 16:49	10/01/25 08:47	1
gamma-BHC (Lindane)	0.0021	U	0.0021	0.00066	mg/Kg	☼	09/30/25 16:49	10/01/25 08:47	1
Heptachlor	0.0071	U	0.0071	0.00084	mg/Kg	☼	09/30/25 16:49	10/01/25 08:47	1
Heptachlor epoxide	0.0071	U	0.0071	0.0011	mg/Kg	☼	09/30/25 16:49	10/01/25 08:47	1

Client Sample ID: 59A_0-6
Date Collected: 09/29/25 11:30
Date Received: 09/29/25 15:30

Lab Sample ID: 460-335975-1
Matrix: Solid
Percent Solids: 94.3

Method: SW846 8081B - Organochlorine Pesticides (GC) (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Methoxychlor	0.0071	U	0.0071	0.0016	mg/Kg	☼	09/30/25 16:49	10/01/25 08:47	1
Toxaphene	0.071	U	0.071	0.026	mg/Kg	☼	09/30/25 16:49	10/01/25 08:47	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
DCB Decachlorobiphenyl	*96*		*10 - 150*	*09/30/25 16:49*	*10/01/25 08:47*	*1*
DCB Decachlorobiphenyl	*115*		*10 - 150*	*09/30/25 16:49*	*10/01/25 08:47*	*1*
Tetrachloro-m-xylene	*98*		*14 - 150*	*09/30/25 16:49*	*10/01/25 08:47*	*1*
Tetrachloro-m-xylene	*91*		*14 - 150*	*09/30/25 16:49*	*10/01/25 08:47*	*1*

Method: SW846 8082A - Polychlorinated Biphenyls (PCBs) by Gas Chromatography

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Aroclor 1016	0.071	U	0.071	0.019	mg/Kg	☼	09/30/25 16:45	10/01/25 12:17	1
Aroclor 1221	0.071	U	0.071	0.019	mg/Kg	☼	09/30/25 16:45	10/01/25 12:17	1
Aroclor 1232	0.071	U	0.071	0.019	mg/Kg	☼	09/30/25 16:45	10/01/25 12:17	1
Aroclor 1242	0.071	U	0.071	0.019	mg/Kg	☼	09/30/25 16:45	10/01/25 12:17	1
Aroclor 1248	0.071	U	0.071	0.019	mg/Kg	☼	09/30/25 16:45	10/01/25 12:17	1
Aroclor 1254	0.071	U	0.071	0.019	mg/Kg	☼	09/30/25 16:45	10/01/25 12:17	1
Aroclor 1260	0.071	U	0.071	0.019	mg/Kg	☼	09/30/25 16:45	10/01/25 12:17	1
Aroclor-1262	0.071	U	0.071	0.019	mg/Kg	☼	09/30/25 16:45	10/01/25 12:17	1
Aroclor 1268	0.071	U	0.071	0.019	mg/Kg	☼	09/30/25 16:45	10/01/25 12:17	1
Polychlorinated biphenyls, Total	0.071	U	0.071	0.019	mg/Kg	☼	09/30/25 16:45	10/01/25 12:17	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
DCB Decachlorobiphenyl	*86*		*10 - 150*	*09/30/25 16:45*	*10/01/25 12:17*	*1*
DCB Decachlorobiphenyl	*100*		*10 - 150*	*09/30/25 16:45*	*10/01/25 12:17*	*1*
Tetrachloro-m-xylene	*90*		*10 - 150*	*09/30/25 16:45*	*10/01/25 12:17*	*1*
Tetrachloro-m-xylene	*98*		*10 - 150*	*09/30/25 16:45*	*10/01/25 12:17*	*1*

Method: EPA 1633A - Per- and Polyfluoroalkyl Substances by LC/MS/MS, 1633A

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Perfluorobutanoic acid (PFBA)	0.39	U	0.39	0.098	ug/Kg	☼	10/07/25 09:25	10/08/25 04:59	1
Perfluoropentanoic acid (PFPeA)	0.20	U	0.20	0.098	ug/Kg	☼	10/07/25 09:25	10/08/25 04:59	1
Perfluorohexanoic acid (PFHxA)	0.20	U	0.20	0.098	ug/Kg	☼	10/07/25 09:25	10/08/25 04:59	1
Perfluoroheptanoic acid (PFHpA)	0.20	U	0.20	0.098	ug/Kg	☼	10/07/25 09:25	10/08/25 04:59	1
Perfluorooctanoic acid (PFOA)	**0.12**	**J**	0.20	0.059	ug/Kg	☼	10/07/25 09:25	10/08/25 04:59	1
Perfluorononanoic acid (PFNA)	**0.12**	**J**	0.20	0.098	ug/Kg	☼	10/07/25 09:25	10/08/25 04:59	1
Perfluorodecanoic acid (PFDA)	0.20	U	0.20	0.059	ug/Kg	☼	10/07/25 09:25	10/08/25 04:59	1
Perfluoroundecanoic acid (PFUnA)	**0.10**	**J**	0.20	0.098	ug/Kg	☼	10/07/25 09:25	10/08/25 04:59	1
Perfluorododecanoic acid (PFDoA)	0.20	U	0.20	0.098	ug/Kg	☼	10/07/25 09:25	10/08/25 04:59	1
Perfluorotridecanoic acid (PFTrDA)	0.20	U	0.20	0.098	ug/Kg	☼	10/07/25 09:25	10/08/25 04:59	1
Perfluorotetradecanoic acid (PFTeDA)	0.20	U	0.20	0.098	ug/Kg	☼	10/07/25 09:25	10/08/25 04:59	1
Perfluorobutanesulfonic acid (PFBS)	0.20	U	0.20	0.098	ug/Kg	☼	10/07/25 09:25	10/08/25 04:59	1
Perfluoropentanesulfonic acid (PFPeS)	0.20	U	0.20	0.098	ug/Kg	☼	10/07/25 09:25	10/08/25 04:59	1
Perfluorohexanesulfonic acid (PFHxS)	0.20	U	0.20	0.098	ug/Kg	☼	10/07/25 09:25	10/08/25 04:59	1
Perfluoroheptanesulfonic acid (PFHpS)	0.20	U	0.20	0.098	ug/Kg	☼	10/07/25 09:25	10/08/25 04:59	1
Perfluorooctanesulfonic acid (PFOS)	0.20	U	0.20	0.098	ug/Kg	☼	10/07/25 09:25	10/08/25 04:59	1
Perfluorononanesulfonic acid (PFNS)	0.20	U	0.20	0.098	ug/Kg	☼	10/07/25 09:25	10/08/25 04:59	1
Perfluorodecanesulfonic acid (PFDS)	0.20	U	0.20	0.098	ug/Kg	☼	10/07/25 09:25	10/08/25 04:59	1

Client Sample ID: 59A_0-6
Date Collected: 09/29/25 11:30
Date Received: 09/29/25 15:30

Lab Sample ID: 460-335975-1
Matrix: Solid
Percent Solids: 94.3

Method: EPA 1633A - Per- and Polyfluoroalkyl Substances by LC/MS/MS, 1633A (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Perfluorododecanesulfonic acid (PFDoS)	0.20	U	0.20	0.098	ug/Kg	☼	10/07/25 09:25	10/08/25 04:59	1
1H,1H,2H,2H-Perfluorohexane sulfonic acid (4:2 FTS)	0.39	U	0.39	0.20	ug/Kg	☼	10/07/25 09:25	10/08/25 04:59	1
1H,1H,2H,2H-Perfluorooctane sulfonic acid (6:2 FTS)	0.39	U	0.39	0.20	ug/Kg	☼	10/07/25 09:25	10/08/25 04:59	1
1H,1H,2H,2H-Perfluorodecane sulfonic acid (8:2 FTS)	0.39	U	0.39	0.20	ug/Kg	☼	10/07/25 09:25	10/08/25 04:59	1
Perfluorooctanesulfonamide (PFOSA)	0.20	U	0.20	0.098	ug/Kg	☼	10/07/25 09:25	10/08/25 04:59	1
N-methylperfluorooctane sulfonamide (NMeFOSA)	0.20	U	0.20	0.098	ug/Kg	☼	10/07/25 09:25	10/08/25 04:59	1
N-ethylperfluorooctane sulfonamide (NEtFOSA)	0.20	U	0.20	0.098	ug/Kg	☼	10/07/25 09:25	10/08/25 04:59	1
N-methylperfluorooctanesulfonamidoacetic acid (NMeFOSAA)	0.20	U	0.20	0.098	ug/Kg	☼	10/07/25 09:25	10/08/25 04:59	1
N-ethylperfluorooctanesulfonamidoacetic acid (NEtFOSAA)	0.20	U	0.20	0.098	ug/Kg	☼	10/07/25 09:25	10/08/25 04:59	1
N-methylperfluorooctane sulfonamidoethanol (NMeFOSE)	0.98	U	0.98	0.49	ug/Kg	☼	10/07/25 09:25	10/08/25 04:59	1
N-ethylperfluorooctane sulfonamidoethanol (NEtFOSE)	0.98	U	0.98	0.49	ug/Kg	☼	10/07/25 09:25	10/08/25 04:59	1
Hexafluoropropylene Oxide Dimer Acid (HFPO-DA)	0.20	U	0.20	0.098	ug/Kg	☼	10/07/25 09:25	10/08/25 04:59	1
4,8-Dioxa-3H-perfluorononanoic acid (ADONA)	0.20	U	0.20	0.098	ug/Kg	☼	10/07/25 09:25	10/08/25 04:59	1
Perfluoro-3-methoxypropanoic acid (PFMPA)	0.20	U	0.20	0.098	ug/Kg	☼	10/07/25 09:25	10/08/25 04:59	1
Perfluoro-4-methoxybutanoic acid (PFMBA)	0.20	U	0.20	0.098	ug/Kg	☼	10/07/25 09:25	10/08/25 04:59	1
Nonafluoro-3,6-dioxaheptanoic acid (NFDHA)	0.20	U	0.20	0.098	ug/Kg	☼	10/07/25 09:25	10/08/25 04:59	1
9-Chlorohexadecafluoro-3-oxanonane-1-sulfonic acid (9Cl-PF3ONS)	0.20	U	0.20	0.098	ug/Kg	☼	10/07/25 09:25	10/08/25 04:59	1
11-Chloroeicosafluoro-3-oxaundecane-1-sulfonic acid (11Cl-PF3OUdS)	0.20	U	0.20	0.098	ug/Kg	☼	10/07/25 09:25	10/08/25 04:59	1
Perfluoro (2-ethoxyethane) sulfonic acid (PFEESA)	0.20	U	0.20	0.098	ug/Kg	☼	10/07/25 09:25	10/08/25 04:59	1
3-Perfluoropropylpropanoic acid (3:3 FTCA)	0.39	U	0.39	0.20	ug/Kg	☼	10/07/25 09:25	10/08/25 04:59	1
3-Perfluoropentylpropanoic acid (5:3 FTCA)	0.98	U	0.98	0.49	ug/Kg	☼	10/07/25 09:25	10/08/25 04:59	1
3-Perfluoroheptylpropanoic acid (7:3 FTCA)	0.98	U	0.98	0.49	ug/Kg	☼	10/07/25 09:25	10/08/25 04:59	1

Isotope Dilution	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
13C4 PFBA	*91.9*		*8 - 130*	*10/07/25 09:25*	*10/08/25 04:59*	*1*
13C5 PFPeA	*90.3*		*35 - 130*	*10/07/25 09:25*	*10/08/25 04:59*	*1*
13C5 PFHxA	*88.6*		*40 - 130*	*10/07/25 09:25*	*10/08/25 04:59*	*1*
13C4 PFHpA	*86.8*		*40 - 130*	*10/07/25 09:25*	*10/08/25 04:59*	*1*
13C8 PFOA	*85.8*		*40 - 130*	*10/07/25 09:25*	*10/08/25 04:59*	*1*
13C9 PFNA	*87.7*		*40 - 130*	*10/07/25 09:25*	*10/08/25 04:59*	*1*
13C6 PFDA	*74.6*		*40 - 130*	*10/07/25 09:25*	*10/08/25 04:59*	*1*
13C7 PFUnA	*57.1*		*40 - 130*	*10/07/25 09:25*	*10/08/25 04:59*	*1*
13C2 PFTeDA	*42.6*		*20 - 130*	*10/07/25 09:25*	*10/08/25 04:59*	*1*
13C3 PFBS	*82.5*		*40 - 135*	*10/07/25 09:25*	*10/08/25 04:59*	*1*

Client Sample ID: 59A_0-6

Date Collected: 09/29/25 11:30
Date Received: 09/29/25 15:30

Lab Sample ID: 460-335975-1

Matrix: Solid
Percent Solids: 94.3

Method: EPA 1633A - Per- and Polyfluoroalkyl Substances by LC/MS/MS, 1633A (Continued)

Isotope Dilution	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
13C3 PFHxS	77.0		40 - 130	10/07/25 09:25	10/08/25 04:59	1
13C8 PFOS	75.1		40 - 130	10/07/25 09:25	10/08/25 04:59	1
13C8 FOSA	110		40 - 130	10/07/25 09:25	10/08/25 04:59	1
d3-NMeFOSAA	107		40 - 135	10/07/25 09:25	10/08/25 04:59	1
d5-NEtFOSAA	90.7		40 - 150	10/07/25 09:25	10/08/25 04:59	1
13C2 4:2 FTS	101		40 - 165	10/07/25 09:25	10/08/25 04:59	1
13C2 6:2 FTS	115		40 - 215	10/07/25 09:25	10/08/25 04:59	1
13C2 8:2 FTS	103		40 - 275	10/07/25 09:25	10/08/25 04:59	1
13C3 HFPO-DA	80.3		40 - 130	10/07/25 09:25	10/08/25 04:59	1
d7-N-MeFOSE-M	36.2		20 - 130	10/07/25 09:25	10/08/25 04:59	1
d9-N-EtFOSE-M	23.0		15 - 130	10/07/25 09:25	10/08/25 04:59	1
d5-NEtPFOSA	46.1		10 - 130	10/07/25 09:25	10/08/25 04:59	1
d3-NMePFOSA	58.6		10 - 130	10/07/25 09:25	10/08/25 04:59	1
13C2 PFDoA	55.8		40 - 130	10/07/25 09:25	10/08/25 04:59	1

Method: SW846 6020B - Metals (ICP/MS)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Aluminum	**5930**		16.7	4.6	mg/Kg	☼	10/03/25 19:40	10/05/25 13:45	1
Antimony	**0.87**		0.84	0.12	mg/Kg	☼	10/03/25 19:40	10/05/25 13:45	1
Arsenic	**6.6**		0.84	0.086	mg/Kg	☼	10/03/25 19:40	10/05/25 13:45	1
Barium	**30.5**		1.7	0.12	mg/Kg	☼	10/03/25 19:40	10/05/25 13:45	1
Beryllium	**0.45**		0.33	0.018	mg/Kg	☼	10/03/25 19:40	10/05/25 13:45	1
Cadmium	0.84	U	0.84	0.094	mg/Kg	☼	10/03/25 19:40	10/05/25 13:45	1
Calcium	**520**		83.5	8.1	mg/Kg	☼	10/03/25 19:40	10/05/25 13:45	1
Chromium	**12.6**		1.7	0.25	mg/Kg	☼	10/03/25 19:40	10/05/25 13:45	1
Cobalt	**5.2**		0.84	0.12	mg/Kg	☼	10/03/25 19:40	10/05/25 13:45	1
Copper	**15.4**		1.7	0.31	mg/Kg	☼	10/03/25 19:40	10/05/25 13:45	1
Iron	**17600**		50.1	6.4	mg/Kg	☼	10/03/25 19:40	10/05/25 13:45	1
Lead	**12.6**		0.50	0.17	mg/Kg	☼	10/03/25 19:40	10/05/25 13:45	1
Magnesium	**1490**		83.5	8.5	mg/Kg	☼	10/03/25 19:40	10/05/25 13:45	1
Manganese	**198**		3.3	0.34	mg/Kg	☼	10/03/25 19:40	10/05/25 13:45	1
Nickel	**7.4**		1.7	0.15	mg/Kg	☼	10/03/25 19:40	10/05/25 13:45	1
Potassium	**1210**		83.5	13.5	mg/Kg	☼	10/03/25 19:40	10/05/25 13:45	1
Selenium	**0.18**	**J**	1.0	0.11	mg/Kg	☼	10/03/25 19:40	10/05/25 13:45	1
Silver	**0.077**	**J**	0.33	0.074	mg/Kg	☼	10/03/25 19:40	10/05/25 13:45	1
Sodium	83.5	U	83.5	38.2	mg/Kg	☼	10/03/25 19:40	10/05/25 13:45	1
Thallium	**0.063**	**J**	0.33	0.034	mg/Kg	☼	10/03/25 19:40	10/05/25 13:45	1
Vanadium	**20.6**		1.7	0.17	mg/Kg	☼	10/03/25 19:40	10/05/25 13:45	1
Zinc	**28.6**		6.7	0.91	mg/Kg	☼	10/03/25 19:40	10/05/25 13:45	1

Method: SW846 7471B - Mercury (CVAA)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	**0.025**		0.016	0.0075	mg/Kg	☼	10/06/25 01:04	10/06/25 11:12	1

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Percent Moisture (EPA Moisture)	**5.7**		1.0	1.0	%			10/02/25 17:22	1
Percent Solids (EPA Moisture)	**94.3**		1.0	1.0	%			10/02/25 17:22	1

Client: Haley & Aldrich, Inc.
Project/Site: Former Port Mobil

Job ID: 460-335975-1

Client Sample ID: 59A_6-12
Date Collected: 09/29/25 11:35
Date Received: 09/29/25 15:30

Lab Sample ID: 460-335975-2
Matrix: Solid
Percent Solids: 90.2

Method: SW846 8270E - Semivolatile Organic Compounds (GC/MS)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1'-Biphenyl	0.37	U	0.37	0.013	mg/Kg	☼	09/30/25 22:25	10/01/25 08:48	1
1,2,4,5-Tetrachlorobenzene	0.37	U	0.37	0.011	mg/Kg	☼	09/30/25 22:25	10/01/25 08:48	1
1,4-Dioxane	0.037	U	0.037	0.032	mg/Kg	☼	09/30/25 22:25	10/01/25 08:48	1
2,2'-oxybis[1-chloropropane]	0.37	U	0.37	0.022	mg/Kg	☼	09/30/25 22:25	10/01/25 08:48	1
2,3,4,6-Tetrachlorophenol	0.37	U	0.37	0.025	mg/Kg	☼	09/30/25 22:25	10/01/25 08:48	1
2,4,5-Trichlorophenol	0.37	U	0.37	0.037	mg/Kg	☼	09/30/25 22:25	10/01/25 08:48	1
2,4,6-Trichlorophenol	0.15	U	0.15	0.047	mg/Kg	☼	09/30/25 22:25	10/01/25 08:48	1
2,4-Dichlorophenol	0.15	U	0.15	0.023	mg/Kg	☼	09/30/25 22:25	10/01/25 08:48	1
2,4-Dimethylphenol	0.37	U	0.37	0.044	mg/Kg	☼	09/30/25 22:25	10/01/25 08:48	1
2,4-Dinitrophenol	0.29	U	0.29	0.18	mg/Kg	☼	09/30/25 22:25	10/01/25 08:48	1
2,4-Dinitrotoluene	0.074	U	0.074	0.039	mg/Kg	☼	09/30/25 22:25	10/01/25 08:48	1
2,6-Dinitrotoluene	0.074	U	0.074	0.026	mg/Kg	☼	09/30/25 22:25	10/01/25 08:48	1
2-Chloronaphthalene	0.37	U	0.37	0.047	mg/Kg	☼	09/30/25 22:25	10/01/25 08:48	1
2-Chlorophenol	0.37	U	0.37	0.013	mg/Kg	☼	09/30/25 22:25	10/01/25 08:48	1
2-Methylnaphthalene	0.37	U	0.37	0.010	mg/Kg	☼	09/30/25 22:25	10/01/25 08:48	1
2-Methylphenol	0.37	U	0.37	0.014	mg/Kg	☼	09/30/25 22:25	10/01/25 08:48	1
2-Nitroaniline	0.37	U	0.37	0.028	mg/Kg	☼	09/30/25 22:25	10/01/25 08:48	1
2-Nitrophenol	0.37	U	0.37	0.037	mg/Kg	☼	09/30/25 22:25	10/01/25 08:48	1
3 & 4 Methylphenol	0.37	U	0.37	0.023	mg/Kg	☼	09/30/25 22:25	10/01/25 08:48	1
3,3'-Dichlorobenzidine	0.15	U	0.15	0.055	mg/Kg	☼	09/30/25 22:25	10/01/25 08:48	1
3-Nitroaniline	0.37	U	0.37	0.087	mg/Kg	☼	09/30/25 22:25	10/01/25 08:48	1
4,6-Dinitro-2-methylphenol	0.29	U	0.29	0.15	mg/Kg	☼	09/30/25 22:25	10/01/25 08:48	1
4-Bromophenyl phenyl ether	0.37	U	0.37	0.015	mg/Kg	☼	09/30/25 22:25	10/01/25 08:48	1
4-Chloro-3-methylphenol	0.37	U	0.37	0.021	mg/Kg	☼	09/30/25 22:25	10/01/25 08:48	1
4-Chloroaniline	0.37	U	0.37	0.065	mg/Kg	☼	09/30/25 22:25	10/01/25 08:48	1
4-Chlorophenyl phenyl ether	0.37	U	0.37	0.013	mg/Kg	☼	09/30/25 22:25	10/01/25 08:48	1
4-Methylphenol	0.37	U	0.37	0.023	mg/Kg	☼	09/30/25 22:25	10/01/25 08:48	1
4-Nitroaniline	0.37	U	0.37	0.093	mg/Kg	☼	09/30/25 22:25	10/01/25 08:48	1
4-Nitrophenol	0.74	U	0.74	0.060	mg/Kg	☼	09/30/25 22:25	10/01/25 08:48	1
Acenaphthene	0.37	U	0.37	0.010	mg/Kg	☼	09/30/25 22:25	10/01/25 08:48	1
Acenaphthylene	0.37	U	0.37	0.010	mg/Kg	☼	09/30/25 22:25	10/01/25 08:48	1
Acetophenone	0.37	U	0.37	0.018	mg/Kg	☼	09/30/25 22:25	10/01/25 08:48	1
Anthracene	0.37	U	0.37	0.011	mg/Kg	☼	09/30/25 22:25	10/01/25 08:48	1
Atrazine	0.15	U	0.15	0.022	mg/Kg	☼	09/30/25 22:25	10/01/25 08:48	1
Benzaldehyde	0.37	U	0.37	0.061	mg/Kg	☼	09/30/25 22:25	10/01/25 08:48	1
Benzo[a]anthracene	0.037	U	0.037	0.028	mg/Kg	☼	09/30/25 22:25	10/01/25 08:48	1
Benzo[a]pyrene	0.037	U	0.037	0.0098	mg/Kg	☼	09/30/25 22:25	10/01/25 08:48	1
Benzo[b]fluoranthene	0.037	U	0.037	0.0095	mg/Kg	☼	09/30/25 22:25	10/01/25 08:48	1
Benzo[g,h,i]perylene	0.37	U	0.37	0.011	mg/Kg	☼	09/30/25 22:25	10/01/25 08:48	1
Benzo[k]fluoranthene	0.037	U	0.037	0.0072	mg/Kg	☼	09/30/25 22:25	10/01/25 08:48	1
Bis(2-chloroethoxy)methane	0.37	U	0.37	0.068	mg/Kg	☼	09/30/25 22:25	10/01/25 08:48	1
Bis(2-chloroethyl)ether	0.037	U	0.037	0.013	mg/Kg	☼	09/30/25 22:25	10/01/25 08:48	1
Bis(2-ethylhexyl) phthalate	0.37	U	0.37	0.019	mg/Kg	☼	09/30/25 22:25	10/01/25 08:48	1
Butyl benzyl phthalate	0.37	U	0.37	0.017	mg/Kg	☼	09/30/25 22:25	10/01/25 08:48	1
Caprolactam	0.37	U	0.37	0.057	mg/Kg	☼	09/30/25 22:25	10/01/25 08:48	1
Carbazole	0.37	U	0.37	0.014	mg/Kg	☼	09/30/25 22:25	10/01/25 08:48	1
Chrysene	0.37	U	0.37	0.015	mg/Kg	☼	09/30/25 22:25	10/01/25 08:48	1
Dibenz(a,h)anthracene	0.037	U	0.037	0.016	mg/Kg	☼	09/30/25 22:25	10/01/25 08:48	1
Dibenzofuran	0.37	U	0.37	0.012	mg/Kg	☼	09/30/25 22:25	10/01/25 08:48	1

Client Sample ID: 59A_6-12

Date Collected: 09/29/25 11:35
Date Received: 09/29/25 15:30

Lab Sample ID: 460-335975-2

Matrix: Solid
Percent Solids: 90.2

Method: SW846 8270E - Semivolatile Organic Compounds (GC/MS) (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Diethyl phthalate	0.37	U	0.37	0.012	mg/Kg	☼	09/30/25 22:25	10/01/25 08:48	1
Dimethyl phthalate	0.37	U	0.37	0.083	mg/Kg	☼	09/30/25 22:25	10/01/25 08:48	1
Di-n-butyl phthalate	0.37	U	0.37	0.014	mg/Kg	☼	09/30/25 22:25	10/01/25 08:48	1
Di-n-octyl phthalate	0.37	U	0.37	0.019	mg/Kg	☼	09/30/25 22:25	10/01/25 08:48	1
Fluoranthene	0.37	U	0.37	0.013	mg/Kg	☼	09/30/25 22:25	10/01/25 08:48	1
Fluorene	0.37	U	0.37	0.011	mg/Kg	☼	09/30/25 22:25	10/01/25 08:48	1
Hexachlorobenzene	0.037	U	0.037	0.017	mg/Kg	☼	09/30/25 22:25	10/01/25 08:48	1
Hexachlorobutadiene	0.074	U	0.074	0.0078	mg/Kg	☼	09/30/25 22:25	10/01/25 08:48	1
Hexachlorocyclopentadiene	0.37	U	0.37	0.032	mg/Kg	☼	09/30/25 22:25	10/01/25 08:48	1
Hexachloroethane	0.037	U	0.037	0.013	mg/Kg	☼	09/30/25 22:25	10/01/25 08:48	1
Indeno[1,2,3-cd]pyrene	0.037	U	0.037	0.014	mg/Kg	☼	09/30/25 22:25	10/01/25 08:48	1
Isophorone	0.15	U	0.15	0.11	mg/Kg	☼	09/30/25 22:25	10/01/25 08:48	1
Naphthalene	0.37	U	0.37	0.0063	mg/Kg	☼	09/30/25 22:25	10/01/25 08:48	1
Nitrobenzene	0.037	U	0.037	0.020	mg/Kg	☼	09/30/25 22:25	10/01/25 08:48	1
N-Nitrosodi-n-propylamine	0.037	U	0.037	0.027	mg/Kg	☼	09/30/25 22:25	10/01/25 08:48	1
N-Nitrosodiphenylamine	0.37	U	0.37	0.030	mg/Kg	☼	09/30/25 22:25	10/01/25 08:48	1
Pentachlorophenol	0.29	U	0.29	0.075	mg/Kg	☼	09/30/25 22:25	10/01/25 08:48	1
Phenanthrene	0.37	U	0.37	0.015	mg/Kg	☼	09/30/25 22:25	10/01/25 08:48	1
Phenol	0.37	U	0.37	0.013	mg/Kg	☼	09/30/25 22:25	10/01/25 08:48	1
Pyrene	0.37	U	0.37	0.0091	mg/Kg	☼	09/30/25 22:25	10/01/25 08:48	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
2,4,6-Tribromophenol (Surr)	*55*		*18 - 137*	*09/30/25 22:25*	*10/01/25 08:48*	*1*
2-Fluorobiphenyl	*55*		*33 - 117*	*09/30/25 22:25*	*10/01/25 08:48*	*1*
2-Fluorophenol (Surr)	*59*		*24 - 120*	*09/30/25 22:25*	*10/01/25 08:48*	*1*
Nitrobenzene-d5 (Surr)	*58*		*27 - 120*	*09/30/25 22:25*	*10/01/25 08:48*	*1*
Phenol-d5 (Surr)	*57*		*28 - 118*	*09/30/25 22:25*	*10/01/25 08:48*	*1*
Terphenyl-d14 (Surr)	*62*		*33 - 124*	*09/30/25 22:25*	*10/01/25 08:48*	*1*

Method: SW846 8081B - Organochlorine Pesticides (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
4,4'-DDD	0.0074	U	0.0074	0.0013	mg/Kg	☼	09/30/25 16:49	10/01/25 08:59	1
4,4'-DDE	0.0074	U	0.0074	0.00088	mg/Kg	☼	09/30/25 16:49	10/01/25 08:59	1
4,4'-DDT	0.0074	U	0.0074	0.0014	mg/Kg	☼	09/30/25 16:49	10/01/25 08:59	1
Aldrin	0.0074	U	0.0074	0.0011	mg/Kg	☼	09/30/25 16:49	10/01/25 08:59	1
alpha-BHC	0.0022	U	0.0022	0.00075	mg/Kg	☼	09/30/25 16:49	10/01/25 08:59	1
beta-BHC	0.0022	U	0.0022	0.00083	mg/Kg	☼	09/30/25 16:49	10/01/25 08:59	1
Chlordane (technical)	0.074	U	0.074	0.018	mg/Kg	☼	09/30/25 16:49	10/01/25 08:59	1
cis-Chlordane	0.0074	U	0.0074	0.0012	mg/Kg	☼	09/30/25 16:49	10/01/25 08:59	1
delta-BHC	0.0022	U	0.0022	0.00045	mg/Kg	☼	09/30/25 16:49	10/01/25 08:59	1
Dieldrin	0.0022	U	0.0022	0.00096	mg/Kg	☼	09/30/25 16:49	10/01/25 08:59	1
Endosulfan I	0.0074	U	0.0074	0.0011	mg/Kg	☼	09/30/25 16:49	10/01/25 08:59	1
Endosulfan II	0.0074	U	0.0074	0.0019	mg/Kg	☼	09/30/25 16:49	10/01/25 08:59	1
Endosulfan sulfate	0.0074	U	0.0074	0.00093	mg/Kg	☼	09/30/25 16:49	10/01/25 08:59	1
Endrin	0.0074	U	0.0074	0.0011	mg/Kg	☼	09/30/25 16:49	10/01/25 08:59	1
Endrin aldehyde	0.0074	U	0.0074	0.0018	mg/Kg	☼	09/30/25 16:49	10/01/25 08:59	1
Endrin ketone	0.0074	U	0.0074	0.0014	mg/Kg	☼	09/30/25 16:49	10/01/25 08:59	1
gamma-BHC (Lindane)	0.0022	U	0.0022	0.00069	mg/Kg	☼	09/30/25 16:49	10/01/25 08:59	1
Heptachlor	0.0074	U	0.0074	0.00088	mg/Kg	☼	09/30/25 16:49	10/01/25 08:59	1
Heptachlor epoxide	0.0074	U	0.0074	0.0011	mg/Kg	☼	09/30/25 16:49	10/01/25 08:59	1

Client Sample ID: 59A_6-12

Date Collected: 09/29/25 11:35
Date Received: 09/29/25 15:30

Lab Sample ID: 460-335975-2

Matrix: Solid
Percent Solids: 90.2

Method: SW846 8081B - Organochlorine Pesticides (GC) (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Methoxychlor	0.0074	U	0.0074	0.0017	mg/Kg	☼	09/30/25 16:49	10/01/25 08:59	1
Toxaphene	0.074	U	0.074	0.027	mg/Kg	☼	09/30/25 16:49	10/01/25 08:59	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
DCB Decachlorobiphenyl	*92*		*10 - 150*	*09/30/25 16:49*	*10/01/25 08:59*	*1*
DCB Decachlorobiphenyl	*113*		*10 - 150*	*09/30/25 16:49*	*10/01/25 08:59*	*1*
Tetrachloro-m-xylene	*92*		*14 - 150*	*09/30/25 16:49*	*10/01/25 08:59*	*1*
Tetrachloro-m-xylene	*92*		*14 - 150*	*09/30/25 16:49*	*10/01/25 08:59*	*1*

Method: SW846 8082A - Polychlorinated Biphenyls (PCBs) by Gas Chromatography

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Aroclor 1016	0.074	U	0.074	0.020	mg/Kg	☼	09/30/25 16:45	10/01/25 12:34	1
Aroclor 1221	0.074	U	0.074	0.020	mg/Kg	☼	09/30/25 16:45	10/01/25 12:34	1
Aroclor 1232	0.074	U	0.074	0.020	mg/Kg	☼	09/30/25 16:45	10/01/25 12:34	1
Aroclor 1242	0.074	U	0.074	0.020	mg/Kg	☼	09/30/25 16:45	10/01/25 12:34	1
Aroclor 1248	0.074	U	0.074	0.020	mg/Kg	☼	09/30/25 16:45	10/01/25 12:34	1
Aroclor 1254	0.074	U	0.074	0.020	mg/Kg	☼	09/30/25 16:45	10/01/25 12:34	1
Aroclor 1260	0.074	U	0.074	0.020	mg/Kg	☼	09/30/25 16:45	10/01/25 12:34	1
Aroclor-1262	0.074	U	0.074	0.020	mg/Kg	☼	09/30/25 16:45	10/01/25 12:34	1
Aroclor 1268	0.074	U	0.074	0.020	mg/Kg	☼	09/30/25 16:45	10/01/25 12:34	1
Polychlorinated biphenyls, Total	0.074	U	0.074	0.020	mg/Kg	☼	09/30/25 16:45	10/01/25 12:34	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
DCB Decachlorobiphenyl	*82*		*10 - 150*	*09/30/25 16:45*	*10/01/25 12:34*	*1*
DCB Decachlorobiphenyl	*92*		*10 - 150*	*09/30/25 16:45*	*10/01/25 12:34*	*1*
Tetrachloro-m-xylene	*87*		*10 - 150*	*09/30/25 16:45*	*10/01/25 12:34*	*1*
Tetrachloro-m-xylene	*91*		*10 - 150*	*09/30/25 16:45*	*10/01/25 12:34*	*1*

Method: EPA 1633A - Per- and Polyfluoroalkyl Substances by LC/MS/MS, 1633A

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Perfluorobutanoic acid (PFBA)	0.39	U	0.39	0.097	ug/Kg	☼	10/07/25 09:25	10/08/25 05:13	1
Perfluoropentanoic acid (PFPeA)	0.19	U	0.19	0.097	ug/Kg	☼	10/07/25 09:25	10/08/25 05:13	1
Perfluorohexanoic acid (PFHxA)	0.19	U	0.19	0.097	ug/Kg	☼	10/07/25 09:25	10/08/25 05:13	1
Perfluoroheptanoic acid (PFHpA)	0.19	U	0.19	0.097	ug/Kg	☼	10/07/25 09:25	10/08/25 05:13	1
Perfluorooctanoic acid (PFOA)	**0.085**	**J**	0.19	0.058	ug/Kg	☼	10/07/25 09:25	10/08/25 05:13	1
Perfluorononanoic acid (PFNA)	**0.44**		0.19	0.097	ug/Kg	☼	10/07/25 09:25	10/08/25 05:13	1
Perfluorodecanoic acid (PFDA)	**0.086**	**J**	0.19	0.058	ug/Kg	☼	10/07/25 09:25	10/08/25 05:13	1
Perfluoroundecanoic acid (PFUnA)	**0.35**		0.19	0.097	ug/Kg	☼	10/07/25 09:25	10/08/25 05:13	1
Perfluorododecanoic acid (PFDoA)	0.19	U	0.19	0.097	ug/Kg	☼	10/07/25 09:25	10/08/25 05:13	1
Perfluorotridecanoic acid (PFTrDA)	**0.13**	**J**	0.19	0.097	ug/Kg	☼	10/07/25 09:25	10/08/25 05:13	1
Perfluorotetradecanoic acid (PFTeDA)	0.19	U	0.19	0.097	ug/Kg	☼	10/07/25 09:25	10/08/25 05:13	1
Perfluorobutanesulfonic acid (PFBS)	0.19	U	0.19	0.097	ug/Kg	☼	10/07/25 09:25	10/08/25 05:13	1
Perfluoropentanesulfonic acid (PFPeS)	0.19	U	0.19	0.097	ug/Kg	☼	10/07/25 09:25	10/08/25 05:13	1
Perfluorohexanesulfonic acid (PFHxS)	0.19	U	0.19	0.097	ug/Kg	☼	10/07/25 09:25	10/08/25 05:13	1
Perfluoroheptanesulfonic acid (PFHpS)	0.19	U	0.19	0.097	ug/Kg	☼	10/07/25 09:25	10/08/25 05:13	1
Perfluorooctanesulfonic acid (PFOS)	0.19	U	0.19	0.097	ug/Kg	☼	10/07/25 09:25	10/08/25 05:13	1
Perfluorononanesulfonic acid (PFNS)	0.19	U	0.19	0.097	ug/Kg	☼	10/07/25 09:25	10/08/25 05:13	1

Client Sample ID: 59A_6-12
Date Collected: 09/29/25 11:35
Date Received: 09/29/25 15:30

Lab Sample ID: 460-335975-2
Matrix: Solid
Percent Solids: 90.2

Method: EPA 1633A - Per- and Polyfluoroalkyl Substances by LC/MS/MS, 1633A (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Perfluorodecanesulfonic acid (PFDS)	0.19	U	0.19	0.097	ug/Kg	☼	10/07/25 09:25	10/08/25 05:13	1
Perfluorododecanesulfonic acid (PFDoS)	0.19	U	0.19	0.097	ug/Kg	☼	10/07/25 09:25	10/08/25 05:13	1
1H,1H,2H,2H-Perfluorohexane sulfonic acid (4:2 FTS)	0.39	U	0.39	0.19	ug/Kg	☼	10/07/25 09:25	10/08/25 05:13	1
1H,1H,2H,2H-Perfluorooctane sulfonic acid (6:2 FTS)	0.39	U	0.39	0.19	ug/Kg	☼	10/07/25 09:25	10/08/25 05:13	1
1H,1H,2H,2H-Perfluorodecane sulfonic acid (8:2 FTS)	0.39	U	0.39	0.19	ug/Kg	☼	10/07/25 09:25	10/08/25 05:13	1
Perfluorooctanesulfonamide (PFOSA)	0.19	U	0.19	0.097	ug/Kg	☼	10/07/25 09:25	10/08/25 05:13	1
N-methylperfluorooctane sulfonamide (NMeFOSA)	0.19	U	0.19	0.097	ug/Kg	☼	10/07/25 09:25	10/08/25 05:13	1
N-ethylperfluorooctane sulfonamide (NEtFOSA)	0.19	U	0.19	0.097	ug/Kg	☼	10/07/25 09:25	10/08/25 05:13	1
N-methylperfluorooctanesulfonamidoacetic acid (NMeFOSAA)	0.19	U	0.19	0.097	ug/Kg	☼	10/07/25 09:25	10/08/25 05:13	1
N-ethylperfluorooctanesulfonamidoacetic acid (NEtFOSAA)	0.19	U	0.19	0.097	ug/Kg	☼	10/07/25 09:25	10/08/25 05:13	1
N-methylperfluorooctane sulfonamidoethanol (NMeFOSE)	0.97	U	0.97	0.48	ug/Kg	☼	10/07/25 09:25	10/08/25 05:13	1
N-ethylperfluorooctane sulfonamidoethanol (NEtFOSE)	0.97	U	0.97	0.48	ug/Kg	☼	10/07/25 09:25	10/08/25 05:13	1
Hexafluoropropylene Oxide Dimer Acid (HFPO-DA)	0.19	U	0.19	0.097	ug/Kg	☼	10/07/25 09:25	10/08/25 05:13	1
4,8-Dioxa-3H-perfluorononanoic acid (ADONA)	0.19	U	0.19	0.097	ug/Kg	☼	10/07/25 09:25	10/08/25 05:13	1
Perfluoro-3-methoxypropanoic acid (PFMPA)	0.19	U	0.19	0.097	ug/Kg	☼	10/07/25 09:25	10/08/25 05:13	1
Perfluoro-4-methoxybutanoic acid (PFMBA)	0.19	U	0.19	0.097	ug/Kg	☼	10/07/25 09:25	10/08/25 05:13	1
Nonafluoro-3,6-dioxaheptanoic acid (NFDHA)	0.19	U	0.19	0.097	ug/Kg	☼	10/07/25 09:25	10/08/25 05:13	1
9-Chlorohexadecafluoro-3-oxanonane-1-sulfonic acid (9Cl-PF3ONS)	0.19	U	0.19	0.097	ug/Kg	☼	10/07/25 09:25	10/08/25 05:13	1
11-Chloroeicosafluoro-3-oxaundecane-1-sulfonic acid (11Cl-PF3OUdS)	0.19	U	0.19	0.097	ug/Kg	☼	10/07/25 09:25	10/08/25 05:13	1
Perfluoro (2-ethoxyethane) sulfonic acid (PFEESA)	0.19	U	0.19	0.097	ug/Kg	☼	10/07/25 09:25	10/08/25 05:13	1
3-Perfluoropropylpropanoic acid (3:3 FTCA)	0.39	U	0.39	0.19	ug/Kg	☼	10/07/25 09:25	10/08/25 05:13	1
3-Perfluoropentylpropanoic acid (5:3 FTCA)	0.97	U	0.97	0.48	ug/Kg	☼	10/07/25 09:25	10/08/25 05:13	1
3-Perfluoroheptylpropanoic acid (7:3 FTCA)	0.97	U	0.97	0.48	ug/Kg	☼	10/07/25 09:25	10/08/25 05:13	1

Isotope Dilution	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
13C4 PFBA	*85.4*		*8 - 130*	*10/07/25 09:25*	*10/08/25 05:13*	*1*
13C5 PFPeA	*86.2*		*35 - 130*	*10/07/25 09:25*	*10/08/25 05:13*	*1*
13C5 PFHxA	*84.3*		*40 - 130*	*10/07/25 09:25*	*10/08/25 05:13*	*1*
13C4 PFHpA	*85.6*		*40 - 130*	*10/07/25 09:25*	*10/08/25 05:13*	*1*
13C8 PFOA	*82.4*		*40 - 130*	*10/07/25 09:25*	*10/08/25 05:13*	*1*
13C9 PFNA	*84.5*		*40 - 130*	*10/07/25 09:25*	*10/08/25 05:13*	*1*
13C6 PFDA	*75.1*		*40 - 130*	*10/07/25 09:25*	*10/08/25 05:13*	*1*
13C7 PFUnA	*68.0*		*40 - 130*	*10/07/25 09:25*	*10/08/25 05:13*	*1*
13C2 PFTeDA	*44.0*		*20 - 130*	*10/07/25 09:25*	*10/08/25 05:13*	*1*

Client Sample ID: 59A_6-12

Date Collected: 09/29/25 11:35
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Lab Sample ID: 460-335975-2

Matrix: Solid
Percent Solids: 90.2

Method: EPA 1633A - Per- and Polyfluoroalkyl Substances by LC/MS/MS, 1633A (Continued)

Isotope Dilution	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
13C3 PFBS	81.8		40 - 135	10/07/25 09:25	10/08/25 05:13	1
13C3 PFHxS	81.7		40 - 130	10/07/25 09:25	10/08/25 05:13	1
13C8 PFOS	79.4		40 - 130	10/07/25 09:25	10/08/25 05:13	1
13C8 FOSA	98.6		40 - 130	10/07/25 09:25	10/08/25 05:13	1
d3-NMeFOSAA	77.7		40 - 135	10/07/25 09:25	10/08/25 05:13	1
d5-NEtFOSAA	71.0		40 - 150	10/07/25 09:25	10/08/25 05:13	1
13C2 4:2 FTS	91.7		40 - 165	10/07/25 09:25	10/08/25 05:13	1
13C2 6:2 FTS	98.8		40 - 215	10/07/25 09:25	10/08/25 05:13	1
13C2 8:2 FTS	135		40 - 275	10/07/25 09:25	10/08/25 05:13	1
13C3 HFPO-DA	77.0		40 - 130	10/07/25 09:25	10/08/25 05:13	1
d7-N-MeFOSE-M	24.6		20 - 130	10/07/25 09:25	10/08/25 05:13	1
d9-N-EtFOSE-M	16.9		15 - 130	10/07/25 09:25	10/08/25 05:13	1
d5-NEtPFOSA	39.9		10 - 130	10/07/25 09:25	10/08/25 05:13	1
d3-NMePFOSA	53.0		10 - 130	10/07/25 09:25	10/08/25 05:13	1
13C2 PFDoA	63.1		40 - 130	10/07/25 09:25	10/08/25 05:13	1

Method: SW846 6020B - Metals (ICP/MS)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Aluminum	9480		16.9	4.6	mg/Kg	☼	10/03/25 19:40	10/05/25 13:48	1
Antimony	0.59	J	0.85	0.12	mg/Kg	☼	10/03/25 19:40	10/05/25 13:48	1
Arsenic	4.9		0.85	0.087	mg/Kg	☼	10/03/25 19:40	10/05/25 13:48	1
Barium	49.5		1.7	0.12	mg/Kg	☼	10/03/25 19:40	10/05/25 13:48	1
Beryllium	0.51		0.34	0.019	mg/Kg	☼	10/03/25 19:40	10/05/25 13:48	1
Cadmium	0.11	J	0.85	0.096	mg/Kg	☼	10/03/25 19:40	10/05/25 13:48	1
Calcium	743		84.7	8.2	mg/Kg	☼	10/03/25 19:40	10/05/25 13:48	1
Chromium	15.8		1.7	0.25	mg/Kg	☼	10/03/25 19:40	10/05/25 13:48	1
Cobalt	6.6		0.85	0.13	mg/Kg	☼	10/03/25 19:40	10/05/25 13:48	1
Copper	18.4		1.7	0.31	mg/Kg	☼	10/03/25 19:40	10/05/25 13:48	1
Iron	19100		50.8	6.5	mg/Kg	☼	10/03/25 19:40	10/05/25 13:48	1
Lead	17.3		0.51	0.17	mg/Kg	☼	10/03/25 19:40	10/05/25 13:48	1
Magnesium	2530		84.7	8.6	mg/Kg	☼	10/03/25 19:40	10/05/25 13:48	1
Manganese	243		3.4	0.34	mg/Kg	☼	10/03/25 19:40	10/05/25 13:48	1
Nickel	12.2		1.7	0.15	mg/Kg	☼	10/03/25 19:40	10/05/25 13:48	1
Potassium	1180		84.7	13.7	mg/Kg	☼	10/03/25 19:40	10/05/25 13:48	1
Selenium	0.22	J	1.1	0.11	mg/Kg	☼	10/03/25 19:40	10/05/25 13:48	1
Silver	0.34	U	0.34	0.075	mg/Kg	☼	10/03/25 19:40	10/05/25 13:48	1
Sodium	64.0	J	84.7	38.7	mg/Kg	☼	10/03/25 19:40	10/05/25 13:48	1
Thallium	0.11	J	0.34	0.035	mg/Kg	☼	10/03/25 19:40	10/05/25 13:48	1
Vanadium	24.5		1.7	0.17	mg/Kg	☼	10/03/25 19:40	10/05/25 13:48	1
Zinc	38.0		6.8	0.92	mg/Kg	☼	10/03/25 19:40	10/05/25 13:48	1

Method: SW846 7471B - Mercury (CVAA)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	0.022		0.018	0.0085	mg/Kg	☼	10/06/25 01:04	10/06/25 11:15	1

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Percent Moisture (EPA Moisture)	9.8		1.0	1.0	%			10/02/25 17:22	1
Percent Solids (EPA Moisture)	90.2		1.0	1.0	%			10/02/25 17:22	1

Client: Haley & Aldrich, Inc.
Project/Site: Former Port Mobil

Job ID: 460-335975-1

Client Sample ID: 59B_0-6
Date Collected: 09/29/25 11:40
Date Received: 09/29/25 15:30

Lab Sample ID: 460-335975-3
Matrix: Solid
Percent Solids: 90.2

Method: SW846 8270E - Semivolatile Organic Compounds (GC/MS)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1'-Biphenyl	0.36	U	0.36	0.013	mg/Kg	☼	09/30/25 22:25	10/01/25 09:11	1
1,2,4,5-Tetrachlorobenzene	0.36	U	0.36	0.011	mg/Kg	☼	09/30/25 22:25	10/01/25 09:11	1
1,4-Dioxane	0.036	U	0.036	0.032	mg/Kg	☼	09/30/25 22:25	10/01/25 09:11	1
2,2'-oxybis[1-chloropropane]	0.36	U	0.36	0.022	mg/Kg	☼	09/30/25 22:25	10/01/25 09:11	1
2,3,4,6-Tetrachlorophenol	0.36	U	0.36	0.025	mg/Kg	☼	09/30/25 22:25	10/01/25 09:11	1
2,4,5-Trichlorophenol	0.36	U	0.36	0.037	mg/Kg	☼	09/30/25 22:25	10/01/25 09:11	1
2,4,6-Trichlorophenol	0.15	U	0.15	0.047	mg/Kg	☼	09/30/25 22:25	10/01/25 09:11	1
2,4-Dichlorophenol	0.15	U	0.15	0.023	mg/Kg	☼	09/30/25 22:25	10/01/25 09:11	1
2,4-Dimethylphenol	0.36	U	0.36	0.043	mg/Kg	☼	09/30/25 22:25	10/01/25 09:11	1
2,4-Dinitrophenol	0.29	U	0.29	0.18	mg/Kg	☼	09/30/25 22:25	10/01/25 09:11	1
2,4-Dinitrotoluene	0.074	U	0.074	0.039	mg/Kg	☼	09/30/25 22:25	10/01/25 09:11	1
2,6-Dinitrotoluene	0.074	U	0.074	0.026	mg/Kg	☼	09/30/25 22:25	10/01/25 09:11	1
2-Chloronaphthalene	0.36	U	0.36	0.047	mg/Kg	☼	09/30/25 22:25	10/01/25 09:11	1
2-Chlorophenol	0.36	U	0.36	0.013	mg/Kg	☼	09/30/25 22:25	10/01/25 09:11	1
2-Methylnaphthalene	0.36	U	0.36	0.010	mg/Kg	☼	09/30/25 22:25	10/01/25 09:11	1
2-Methylphenol	0.36	U	0.36	0.014	mg/Kg	☼	09/30/25 22:25	10/01/25 09:11	1
2-Nitroaniline	0.36	U	0.36	0.028	mg/Kg	☼	09/30/25 22:25	10/01/25 09:11	1
2-Nitrophenol	0.36	U	0.36	0.036	mg/Kg	☼	09/30/25 22:25	10/01/25 09:11	1
3 & 4 Methylphenol	0.36	U	0.36	0.023	mg/Kg	☼	09/30/25 22:25	10/01/25 09:11	1
3,3'-Dichlorobenzidine	0.15	U	0.15	0.055	mg/Kg	☼	09/30/25 22:25	10/01/25 09:11	1
3-Nitroaniline	0.36	U	0.36	0.086	mg/Kg	☼	09/30/25 22:25	10/01/25 09:11	1
4,6-Dinitro-2-methylphenol	0.29	U	0.29	0.15	mg/Kg	☼	09/30/25 22:25	10/01/25 09:11	1
4-Bromophenyl phenyl ether	0.36	U	0.36	0.014	mg/Kg	☼	09/30/25 22:25	10/01/25 09:11	1
4-Chloro-3-methylphenol	0.36	U	0.36	0.020	mg/Kg	☼	09/30/25 22:25	10/01/25 09:11	1
4-Chloroaniline	0.36	U	0.36	0.065	mg/Kg	☼	09/30/25 22:25	10/01/25 09:11	1
4-Chlorophenyl phenyl ether	0.36	U	0.36	0.013	mg/Kg	☼	09/30/25 22:25	10/01/25 09:11	1
4-Methylphenol	0.36	U	0.36	0.023	mg/Kg	☼	09/30/25 22:25	10/01/25 09:11	1
4-Nitroaniline	0.36	U	0.36	0.092	mg/Kg	☼	09/30/25 22:25	10/01/25 09:11	1
4-Nitrophenol	0.74	U	0.74	0.059	mg/Kg	☼	09/30/25 22:25	10/01/25 09:11	1
Acenaphthene	0.36	U	0.36	0.010	mg/Kg	☼	09/30/25 22:25	10/01/25 09:11	1
Acenaphthylene	0.36	U	0.36	0.010	mg/Kg	☼	09/30/25 22:25	10/01/25 09:11	1
Acetophenone	0.36	U	0.36	0.018	mg/Kg	☼	09/30/25 22:25	10/01/25 09:11	1
Anthracene	0.36	U	0.36	0.011	mg/Kg	☼	09/30/25 22:25	10/01/25 09:11	1
Atrazine	0.15	U	0.15	0.021	mg/Kg	☼	09/30/25 22:25	10/01/25 09:11	1
Benzaldehyde	0.36	U	0.36	0.060	mg/Kg	☼	09/30/25 22:25	10/01/25 09:11	1
Benzo[a]anthracene	0.036	U	0.036	0.027	mg/Kg	☼	09/30/25 22:25	10/01/25 09:11	1
Benzo[a]pyrene	0.036	U	0.036	0.0097	mg/Kg	☼	09/30/25 22:25	10/01/25 09:11	1
Benzo[b]fluoranthene	0.036	U	0.036	0.0094	mg/Kg	☼	09/30/25 22:25	10/01/25 09:11	1
Benzo[g,h,i]perylene	0.36	U	0.36	0.011	mg/Kg	☼	09/30/25 22:25	10/01/25 09:11	1
Benzo[k]fluoranthene	0.036	U	0.036	0.0071	mg/Kg	☼	09/30/25 22:25	10/01/25 09:11	1
Bis(2-chloroethoxy)methane	0.36	U	0.36	0.067	mg/Kg	☼	09/30/25 22:25	10/01/25 09:11	1
Bis(2-chloroethyl)ether	0.036	U	0.036	0.013	mg/Kg	☼	09/30/25 22:25	10/01/25 09:11	1
Bis(2-ethylhexyl) phthalate	0.36	U	0.36	0.019	mg/Kg	☼	09/30/25 22:25	10/01/25 09:11	1
Butyl benzyl phthalate	0.36	U	0.36	0.017	mg/Kg	☼	09/30/25 22:25	10/01/25 09:11	1
Caprolactam	0.36	U	0.36	0.057	mg/Kg	☼	09/30/25 22:25	10/01/25 09:11	1
Carbazole	0.36	U	0.36	0.014	mg/Kg	☼	09/30/25 22:25	10/01/25 09:11	1
Chrysene	0.36	U	0.36	0.015	mg/Kg	☼	09/30/25 22:25	10/01/25 09:11	1
Dibenz(a,h)anthracene	0.036	U	0.036	0.016	mg/Kg	☼	09/30/25 22:25	10/01/25 09:11	1
Dibenzofuran	0.36	U	0.36	0.012	mg/Kg	☼	09/30/25 22:25	10/01/25 09:11	1

Client Sample ID: 59B_0-6
Date Collected: 09/29/25 11:40
Date Received: 09/29/25 15:30

Lab Sample ID: 460-335975-3
Matrix: Solid
Percent Solids: 90.2

Method: SW846 8270E - Semivolatile Organic Compounds (GC/MS) (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Diethyl phthalate	0.36	U	0.36	0.012	mg/Kg	☼	09/30/25 22:25	10/01/25 09:11	1
Dimethyl phthalate	0.36	U	0.36	0.083	mg/Kg	☼	09/30/25 22:25	10/01/25 09:11	1
Di-n-butyl phthalate	0.36	U	0.36	0.014	mg/Kg	☼	09/30/25 22:25	10/01/25 09:11	1
Di-n-octyl phthalate	0.36	U	0.36	0.019	mg/Kg	☼	09/30/25 22:25	10/01/25 09:11	1
Fluoranthene	0.36	U	0.36	0.013	mg/Kg	☼	09/30/25 22:25	10/01/25 09:11	1
Fluorene	0.36	U	0.36	0.011	mg/Kg	☼	09/30/25 22:25	10/01/25 09:11	1
Hexachlorobenzene	0.036	U	0.036	0.017	mg/Kg	☼	09/30/25 22:25	10/01/25 09:11	1
Hexachlorobutadiene	0.074	U	0.074	0.0077	mg/Kg	☼	09/30/25 22:25	10/01/25 09:11	1
Hexachlorocyclopentadiene	0.36	U	0.36	0.032	mg/Kg	☼	09/30/25 22:25	10/01/25 09:11	1
Hexachloroethane	0.036	U	0.036	0.012	mg/Kg	☼	09/30/25 22:25	10/01/25 09:11	1
Indeno[1,2,3-cd]pyrene	0.036	U	0.036	0.014	mg/Kg	☼	09/30/25 22:25	10/01/25 09:11	1
Isophorone	0.15	U	0.15	0.11	mg/Kg	☼	09/30/25 22:25	10/01/25 09:11	1
Naphthalene	0.36	U	0.36	0.0063	mg/Kg	☼	09/30/25 22:25	10/01/25 09:11	1
Nitrobenzene	0.036	U	0.036	0.020	mg/Kg	☼	09/30/25 22:25	10/01/25 09:11	1
N-Nitrosodi-n-propylamine	0.036	U	0.036	0.026	mg/Kg	☼	09/30/25 22:25	10/01/25 09:11	1
N-Nitrosodiphenylamine	0.36	U	0.36	0.030	mg/Kg	☼	09/30/25 22:25	10/01/25 09:11	1
Pentachlorophenol	0.29	U	0.29	0.075	mg/Kg	☼	09/30/25 22:25	10/01/25 09:11	1
Phenanthrene	0.36	U	0.36	0.015	mg/Kg	☼	09/30/25 22:25	10/01/25 09:11	1
Phenol	0.36	U	0.36	0.013	mg/Kg	☼	09/30/25 22:25	10/01/25 09:11	1
Pyrene	0.36	U	0.36	0.0090	mg/Kg	☼	09/30/25 22:25	10/01/25 09:11	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
2,4,6-Tribromophenol (Surr)	*56*		*18 - 137*	*09/30/25 22:25*	*10/01/25 09:11*	*1*
2-Fluorobiphenyl	*56*		*33 - 117*	*09/30/25 22:25*	*10/01/25 09:11*	*1*
2-Fluorophenol (Surr)	*61*		*24 - 120*	*09/30/25 22:25*	*10/01/25 09:11*	*1*
Nitrobenzene-d5 (Surr)	*59*		*27 - 120*	*09/30/25 22:25*	*10/01/25 09:11*	*1*
Phenol-d5 (Surr)	*60*		*28 - 118*	*09/30/25 22:25*	*10/01/25 09:11*	*1*
Terphenyl-d14 (Surr)	*65*		*33 - 124*	*09/30/25 22:25*	*10/01/25 09:11*	*1*

Method: SW846 8081B - Organochlorine Pesticides (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
4,4'-DDD	0.0074	U	0.0074	0.0013	mg/Kg	☼	09/30/25 16:49	10/01/25 09:12	1
4,4'-DDE	0.0074	U	0.0074	0.00088	mg/Kg	☼	09/30/25 16:49	10/01/25 09:12	1
4,4'-DDT	0.0074	U	0.0074	0.0014	mg/Kg	☼	09/30/25 16:49	10/01/25 09:12	1
Aldrin	0.0074	U	0.0074	0.0011	mg/Kg	☼	09/30/25 16:49	10/01/25 09:12	1
alpha-BHC	0.0022	U	0.0022	0.00075	mg/Kg	☼	09/30/25 16:49	10/01/25 09:12	1
beta-BHC	0.0022	U	0.0022	0.00083	mg/Kg	☼	09/30/25 16:49	10/01/25 09:12	1
Chlordane (technical)	0.074	U	0.074	0.018	mg/Kg	☼	09/30/25 16:49	10/01/25 09:12	1
cis-Chlordane	0.0074	U	0.0074	0.0012	mg/Kg	☼	09/30/25 16:49	10/01/25 09:12	1
delta-BHC	0.0022	U	0.0022	0.00045	mg/Kg	☼	09/30/25 16:49	10/01/25 09:12	1
Dieldrin	0.0022	U	0.0022	0.00096	mg/Kg	☼	09/30/25 16:49	10/01/25 09:12	1
Endosulfan I	0.0074	U	0.0074	0.0011	mg/Kg	☼	09/30/25 16:49	10/01/25 09:12	1
Endosulfan II	0.0074	U	0.0074	0.0019	mg/Kg	☼	09/30/25 16:49	10/01/25 09:12	1
Endosulfan sulfate	0.0074	U	0.0074	0.00093	mg/Kg	☼	09/30/25 16:49	10/01/25 09:12	1
Endrin	0.0074	U	0.0074	0.0011	mg/Kg	☼	09/30/25 16:49	10/01/25 09:12	1
Endrin aldehyde	0.0074	U	0.0074	0.0018	mg/Kg	☼	09/30/25 16:49	10/01/25 09:12	1
Endrin ketone	0.0074	U	0.0074	0.0014	mg/Kg	☼	09/30/25 16:49	10/01/25 09:12	1
gamma-BHC (Lindane)	0.0022	U	0.0022	0.00069	mg/Kg	☼	09/30/25 16:49	10/01/25 09:12	1
Heptachlor	0.0074	U	0.0074	0.00088	mg/Kg	☼	09/30/25 16:49	10/01/25 09:12	1
Heptachlor epoxide	0.0074	U	0.0074	0.0011	mg/Kg	☼	09/30/25 16:49	10/01/25 09:12	1

Client Sample ID: 59B_0-6
Date Collected: 09/29/25 11:40
Date Received: 09/29/25 15:30

Lab Sample ID: 460-335975-3
Matrix: Solid
Percent Solids: 90.2

Method: SW846 8081B - Organochlorine Pesticides (GC) (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Methoxychlor	0.0074	U	0.0074	0.0017	mg/Kg	☼	09/30/25 16:49	10/01/25 09:12	1
Toxaphene	0.074	U	0.074	0.027	mg/Kg	☼	09/30/25 16:49	10/01/25 09:12	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
DCB Decachlorobiphenyl	*96*		*10 - 150*	*09/30/25 16:49*	*10/01/25 09:12*	*1*
DCB Decachlorobiphenyl	*115*		*10 - 150*	*09/30/25 16:49*	*10/01/25 09:12*	*1*
Tetrachloro-m-xylene	*95*		*14 - 150*	*09/30/25 16:49*	*10/01/25 09:12*	*1*
Tetrachloro-m-xylene	*91*		*14 - 150*	*09/30/25 16:49*	*10/01/25 09:12*	*1*

Method: SW846 8082A - Polychlorinated Biphenyls (PCBs) by Gas Chromatography

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Aroclor 1016	0.074	U	0.074	0.020	mg/Kg	☼	09/30/25 16:45	10/01/25 12:51	1
Aroclor 1221	0.074	U	0.074	0.020	mg/Kg	☼	09/30/25 16:45	10/01/25 12:51	1
Aroclor 1232	0.074	U	0.074	0.020	mg/Kg	☼	09/30/25 16:45	10/01/25 12:51	1
Aroclor 1242	0.074	U	0.074	0.020	mg/Kg	☼	09/30/25 16:45	10/01/25 12:51	1
Aroclor 1248	0.074	U	0.074	0.020	mg/Kg	☼	09/30/25 16:45	10/01/25 12:51	1
Aroclor 1254	0.074	U	0.074	0.020	mg/Kg	☼	09/30/25 16:45	10/01/25 12:51	1
Aroclor 1260	0.074	U	0.074	0.020	mg/Kg	☼	09/30/25 16:45	10/01/25 12:51	1
Aroclor-1262	0.074	U	0.074	0.020	mg/Kg	☼	09/30/25 16:45	10/01/25 12:51	1
Aroclor 1268	0.074	U	0.074	0.020	mg/Kg	☼	09/30/25 16:45	10/01/25 12:51	1
Polychlorinated biphenyls, Total	0.074	U	0.074	0.020	mg/Kg	☼	09/30/25 16:45	10/01/25 12:51	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
DCB Decachlorobiphenyl	*87*		*10 - 150*	*09/30/25 16:45*	*10/01/25 12:51*	*1*
DCB Decachlorobiphenyl	*97*		*10 - 150*	*09/30/25 16:45*	*10/01/25 12:51*	*1*
Tetrachloro-m-xylene	*93*		*10 - 150*	*09/30/25 16:45*	*10/01/25 12:51*	*1*
Tetrachloro-m-xylene	*97*		*10 - 150*	*09/30/25 16:45*	*10/01/25 12:51*	*1*

Method: EPA 1633A - Per- and Polyfluoroalkyl Substances by LC/MS/MS, 1633A

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Perfluorobutanoic acid (PFBA)	0.39	U	0.39	0.098	ug/Kg	☼	10/07/25 09:25	10/08/25 05:26	1
Perfluoropentanoic acid (PFPeA)	0.20	U	0.20	0.098	ug/Kg	☼	10/07/25 09:25	10/08/25 05:26	1
Perfluorohexanoic acid (PFHxA)	0.20	U	0.20	0.098	ug/Kg	☼	10/07/25 09:25	10/08/25 05:26	1
Perfluoroheptanoic acid (PFHpA)	0.20	U	0.20	0.098	ug/Kg	☼	10/07/25 09:25	10/08/25 05:26	1
Perfluorooctanoic acid (PFOA)	0.20	U	0.20	0.059	ug/Kg	☼	10/07/25 09:25	10/08/25 05:26	1
Perfluorononanoic acid (PFNA)	**0.12**	**J**	0.20	0.098	ug/Kg	☼	10/07/25 09:25	10/08/25 05:26	1
Perfluorodecanoic acid (PFDA)	**0.24**		0.20	0.059	ug/Kg	☼	10/07/25 09:25	10/08/25 05:26	1
Perfluoroundecanoic acid (PFUnA)	**2.39**		0.20	0.098	ug/Kg	☼	10/07/25 09:25	10/08/25 05:26	1
Perfluorododecanoic acid (PFDoA)	**0.11**	**J**	0.20	0.098	ug/Kg	☼	10/07/25 09:25	10/08/25 05:26	1
Perfluorotridecanoic acid (PFTrDA)	**1.11**		0.20	0.098	ug/Kg	☼	10/07/25 09:25	10/08/25 05:26	1
Perfluorotetradecanoic acid (PFTeDA)	0.20	U	0.20	0.098	ug/Kg	☼	10/07/25 09:25	10/08/25 05:26	1
Perfluorobutanesulfonic acid (PFBS)	0.20	U	0.20	0.098	ug/Kg	☼	10/07/25 09:25	10/08/25 05:26	1
Perfluoropentanesulfonic acid (PFPeS)	0.20	U	0.20	0.098	ug/Kg	☼	10/07/25 09:25	10/08/25 05:26	1
Perfluorohexanesulfonic acid (PFHxS)	0.20	U	0.20	0.098	ug/Kg	☼	10/07/25 09:25	10/08/25 05:26	1
Perfluoroheptanesulfonic acid (PFHpS)	0.20	U	0.20	0.098	ug/Kg	☼	10/07/25 09:25	10/08/25 05:26	1
Perfluorooctanesulfonic acid (PFOS)	0.20	U	0.20	0.098	ug/Kg	☼	10/07/25 09:25	10/08/25 05:26	1
Perfluorononanesulfonic acid (PFNS)	0.20	U	0.20	0.098	ug/Kg	☼	10/07/25 09:25	10/08/25 05:26	1

Client Sample ID: 59B_0-6
Date Collected: 09/29/25 11:40
Date Received: 09/29/25 15:30

Lab Sample ID: 460-335975-3
Matrix: Solid
Percent Solids: 90.2

Method: EPA 1633A - Per- and Polyfluoroalkyl Substances by LC/MS/MS, 1633A (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Perfluorodecanesulfonic acid (PFDS)	0.20	U	0.20	0.098	ug/Kg	☼	10/07/25 09:25	10/08/25 05:26	1
Perfluorododecanesulfonic acid (PFDoS)	0.20	U	0.20	0.098	ug/Kg	☼	10/07/25 09:25	10/08/25 05:26	1
1H,1H,2H,2H-Perfluorohexane sulfonic acid (4:2 FTS)	0.39	U	0.39	0.20	ug/Kg	☼	10/07/25 09:25	10/08/25 05:26	1
1H,1H,2H,2H-Perfluorooctane sulfonic acid (6:2 FTS)	0.39	U	0.39	0.20	ug/Kg	☼	10/07/25 09:25	10/08/25 05:26	1
1H,1H,2H,2H-Perfluorodecane sulfonic acid (8:2 FTS)	0.39	U	0.39	0.20	ug/Kg	☼	10/07/25 09:25	10/08/25 05:26	1
Perfluorooctanesulfonamide (PFOSA)	0.20	U	0.20	0.098	ug/Kg	☼	10/07/25 09:25	10/08/25 05:26	1
N-methylperfluorooctane sulfonamide (NMeFOSA)	0.20	U	0.20	0.098	ug/Kg	☼	10/07/25 09:25	10/08/25 05:26	1
N-ethylperfluorooctane sulfonamide (NEtFOSA)	0.20	U	0.20	0.098	ug/Kg	☼	10/07/25 09:25	10/08/25 05:26	1
N-methylperfluorooctanesulfonamidoacetic acid (NMeFOSAA)	0.20	U	0.20	0.098	ug/Kg	☼	10/07/25 09:25	10/08/25 05:26	1
N-ethylperfluorooctanesulfonamidoacetic acid (NEtFOSAA)	0.20	U	0.20	0.098	ug/Kg	☼	10/07/25 09:25	10/08/25 05:26	1
N-methylperfluorooctane sulfonamidoethanol (NMeFOSE)	0.98	U	0.98	0.49	ug/Kg	☼	10/07/25 09:25	10/08/25 05:26	1
N-ethylperfluorooctane sulfonamidoethanol (NEtFOSE)	0.98	U	0.98	0.49	ug/Kg	☼	10/07/25 09:25	10/08/25 05:26	1
Hexafluoropropylene Oxide Dimer Acid (HFPO-DA)	0.20	U	0.20	0.098	ug/Kg	☼	10/07/25 09:25	10/08/25 05:26	1
4,8-Dioxa-3H-perfluorononanoic acid (ADONA)	0.20	U	0.20	0.098	ug/Kg	☼	10/07/25 09:25	10/08/25 05:26	1
Perfluoro-3-methoxypropanoic acid (PFMPA)	0.20	U	0.20	0.098	ug/Kg	☼	10/07/25 09:25	10/08/25 05:26	1
Perfluoro-4-methoxybutanoic acid (PFMBA)	0.20	U	0.20	0.098	ug/Kg	☼	10/07/25 09:25	10/08/25 05:26	1
Nonafluoro-3,6-dioxaheptanoic acid (NFDHA)	0.20	U	0.20	0.098	ug/Kg	☼	10/07/25 09:25	10/08/25 05:26	1
9-Chlorohexadecafluoro-3-oxanonane-1-sulfonic acid (9Cl-PF3ONS)	0.20	U	0.20	0.098	ug/Kg	☼	10/07/25 09:25	10/08/25 05:26	1
11-Chloroeicosafluoro-3-oxaundecane-1-sulfonic acid (11Cl-PF3OUdS)	0.20	U	0.20	0.098	ug/Kg	☼	10/07/25 09:25	10/08/25 05:26	1
Perfluoro (2-ethoxyethane) sulfonic acid (PFEESA)	0.20	U	0.20	0.098	ug/Kg	☼	10/07/25 09:25	10/08/25 05:26	1
3-Perfluoropropylpropanoic acid (3:3 FTCA)	0.39	U	0.39	0.20	ug/Kg	☼	10/07/25 09:25	10/08/25 05:26	1
3-Perfluoropentylpropanoic acid (5:3 FTCA)	0.98	U	0.98	0.49	ug/Kg	☼	10/07/25 09:25	10/08/25 05:26	1
3-Perfluoroheptylpropanoic acid (7:3 FTCA)	0.98	U	0.98	0.49	ug/Kg	☼	10/07/25 09:25	10/08/25 05:26	1

Isotope Dilution	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
13C4 PFBA	*82.2*		*8 - 130*	*10/07/25 09:25*	*10/08/25 05:26*	*1*
13C5 PFPeA	*80.1*		*35 - 130*	*10/07/25 09:25*	*10/08/25 05:26*	*1*
13C5 PFHxA	*80.6*		*40 - 130*	*10/07/25 09:25*	*10/08/25 05:26*	*1*
13C4 PFHpA	*78.8*		*40 - 130*	*10/07/25 09:25*	*10/08/25 05:26*	*1*
13C8 PFOA	*81.9*		*40 - 130*	*10/07/25 09:25*	*10/08/25 05:26*	*1*
13C9 PFNA	*81.0*		*40 - 130*	*10/07/25 09:25*	*10/08/25 05:26*	*1*
13C6 PFDA	*73.9*		*40 - 130*	*10/07/25 09:25*	*10/08/25 05:26*	*1*
13C7 PFUnA	*63.5*		*40 - 130*	*10/07/25 09:25*	*10/08/25 05:26*	*1*
13C2 PFTeDA	*39.3*		*20 - 130*	*10/07/25 09:25*	*10/08/25 05:26*	*1*

Client Sample ID: 59B_0-6
Date Collected: 09/29/25 11:40
Date Received: 09/29/25 15:30

Lab Sample ID: 460-335975-3
Matrix: Solid
Percent Solids: 90.2

Method: EPA 1633A - Per- and Polyfluoroalkyl Substances by LC/MS/MS, 1633A (Continued)

Isotope Dilution	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
13C3 PFBS	81.1		40 - 135	10/07/25 09:25	10/08/25 05:26	1
13C3 PFHxS	76.1		40 - 130	10/07/25 09:25	10/08/25 05:26	1
13C8 PFOS	75.3		40 - 130	10/07/25 09:25	10/08/25 05:26	1
13C8 FOSA	86.9		40 - 130	10/07/25 09:25	10/08/25 05:26	1
d3-NMeFOSAA	77.3		40 - 135	10/07/25 09:25	10/08/25 05:26	1
d5-NEtFOSAA	67.9		40 - 150	10/07/25 09:25	10/08/25 05:26	1
13C2 4:2 FTS	87.7		40 - 165	10/07/25 09:25	10/08/25 05:26	1
13C2 6:2 FTS	92.8		40 - 215	10/07/25 09:25	10/08/25 05:26	1
13C2 8:2 FTS	120		40 - 275	10/07/25 09:25	10/08/25 05:26	1
13C3 HFPO-DA	75.3		40 - 130	10/07/25 09:25	10/08/25 05:26	1
d7-N-MeFOSE-M	24.6		20 - 130	10/07/25 09:25	10/08/25 05:26	1
d9-N-EtFOSE-M	18.2		15 - 130	10/07/25 09:25	10/08/25 05:26	1
d5-NEtPFOSA	52.5		10 - 130	10/07/25 09:25	10/08/25 05:26	1
d3-NMePFOSA	61.6		10 - 130	10/07/25 09:25	10/08/25 05:26	1
13C2 PFDoA	55.6		40 - 130	10/07/25 09:25	10/08/25 05:26	1

Method: SW846 6020B - Metals (ICP/MS)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Aluminum	8980		17.6	4.8	mg/Kg	☼	10/03/25 19:40	10/05/25 13:51	1
Antimony	0.96		0.88	0.13	mg/Kg	☼	10/03/25 19:40	10/05/25 13:51	1
Arsenic	5.9		0.88	0.091	mg/Kg	☼	10/03/25 19:40	10/05/25 13:51	1
Barium	49.5		1.8	0.13	mg/Kg	☼	10/03/25 19:40	10/05/25 13:51	1
Beryllium	0.50		0.35	0.019	mg/Kg	☼	10/03/25 19:40	10/05/25 13:51	1
Cadmium	0.12	J	0.88	0.099	mg/Kg	☼	10/03/25 19:40	10/05/25 13:51	1
Calcium	2430		87.9	8.6	mg/Kg	☼	10/03/25 19:40	10/05/25 13:51	1
Chromium	15.1		1.8	0.26	mg/Kg	☼	10/03/25 19:40	10/05/25 13:51	1
Cobalt	6.0		0.88	0.13	mg/Kg	☼	10/03/25 19:40	10/05/25 13:51	1
Copper	19.7		1.8	0.32	mg/Kg	☼	10/03/25 19:40	10/05/25 13:51	1
Iron	18500		52.8	6.7	mg/Kg	☼	10/03/25 19:40	10/05/25 13:51	1
Lead	23.1		0.53	0.18	mg/Kg	☼	10/03/25 19:40	10/05/25 13:51	1
Magnesium	3160		87.9	9.0	mg/Kg	☼	10/03/25 19:40	10/05/25 13:51	1
Manganese	230		3.5	0.35	mg/Kg	☼	10/03/25 19:40	10/05/25 13:51	1
Nickel	12.3		1.8	0.16	mg/Kg	☼	10/03/25 19:40	10/05/25 13:51	1
Potassium	1080		87.9	14.2	mg/Kg	☼	10/03/25 19:40	10/05/25 13:51	1
Selenium	0.17	J	1.1	0.11	mg/Kg	☼	10/03/25 19:40	10/05/25 13:51	1
Silver	0.096	J	0.35	0.078	mg/Kg	☼	10/03/25 19:40	10/05/25 13:51	1
Sodium	62.4	J	87.9	40.2	mg/Kg	☼	10/03/25 19:40	10/05/25 13:51	1
Thallium	0.11	J	0.35	0.036	mg/Kg	☼	10/03/25 19:40	10/05/25 13:51	1
Vanadium	23.4		1.8	0.18	mg/Kg	☼	10/03/25 19:40	10/05/25 13:51	1
Zinc	43.5		7.0	0.96	mg/Kg	☼	10/03/25 19:40	10/05/25 13:51	1

Method: SW846 7471B - Mercury (CVAA)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	0.032		0.019	0.0087	mg/Kg	☼	10/06/25 01:04	10/06/25 11:23	1

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Percent Moisture (EPA Moisture)	9.8		1.0	1.0	%			10/02/25 17:22	1
Percent Solids (EPA Moisture)	90.2		1.0	1.0	%			10/02/25 17:22	1

Client Sample ID: 59B_6-12
Date Collected: 09/29/25 11:45
Date Received: 09/29/25 15:30

Lab Sample ID: 460-335975-4
Matrix: Solid
Percent Solids: 92.5

Method: SW846 8270E - Semivolatile Organic Compounds (GC/MS)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1'-Biphenyl	0.36	U	0.36	0.012	mg/Kg	☼	09/30/25 22:25	10/01/25 09:33	1
1,2,4,5-Tetrachlorobenzene	0.36	U	0.36	0.011	mg/Kg	☼	09/30/25 22:25	10/01/25 09:33	1
1,4-Dioxane	0.036	U	0.036	0.031	mg/Kg	☼	09/30/25 22:25	10/01/25 09:33	1
2,2'-oxybis[1-chloropropane]	0.36	U	0.36	0.021	mg/Kg	☼	09/30/25 22:25	10/01/25 09:33	1
2,3,4,6-Tetrachlorophenol	0.36	U	0.36	0.024	mg/Kg	☼	09/30/25 22:25	10/01/25 09:33	1
2,4,5-Trichlorophenol	0.36	U	0.36	0.036	mg/Kg	☼	09/30/25 22:25	10/01/25 09:33	1
2,4,6-Trichlorophenol	0.14	U	0.14	0.046	mg/Kg	☼	09/30/25 22:25	10/01/25 09:33	1
2,4-Dichlorophenol	0.14	U	0.14	0.023	mg/Kg	☼	09/30/25 22:25	10/01/25 09:33	1
2,4-Dimethylphenol	0.36	U	0.36	0.043	mg/Kg	☼	09/30/25 22:25	10/01/25 09:33	1
2,4-Dinitrophenol	0.29	U	0.29	0.17	mg/Kg	☼	09/30/25 22:25	10/01/25 09:33	1
2,4-Dinitrotoluene	0.072	U	0.072	0.038	mg/Kg	☼	09/30/25 22:25	10/01/25 09:33	1
2,6-Dinitrotoluene	0.072	U	0.072	0.026	mg/Kg	☼	09/30/25 22:25	10/01/25 09:33	1
2-Chloronaphthalene	0.36	U	0.36	0.046	mg/Kg	☼	09/30/25 22:25	10/01/25 09:33	1
2-Chlorophenol	0.36	U	0.36	0.013	mg/Kg	☼	09/30/25 22:25	10/01/25 09:33	1
2-Methylnaphthalene	0.36	U	0.36	0.010	mg/Kg	☼	09/30/25 22:25	10/01/25 09:33	1
2-Methylphenol	0.36	U	0.36	0.013	mg/Kg	☼	09/30/25 22:25	10/01/25 09:33	1
2-Nitroaniline	0.36	U	0.36	0.027	mg/Kg	☼	09/30/25 22:25	10/01/25 09:33	1
2-Nitrophenol	0.36	U	0.36	0.036	mg/Kg	☼	09/30/25 22:25	10/01/25 09:33	1
3 & 4 Methylphenol	0.36	U	0.36	0.022	mg/Kg	☼	09/30/25 22:25	10/01/25 09:33	1
3,3'-Dichlorobenzidine	0.14	U	0.14	0.054	mg/Kg	☼	09/30/25 22:25	10/01/25 09:33	1
3-Nitroaniline	0.36	U	0.36	0.085	mg/Kg	☼	09/30/25 22:25	10/01/25 09:33	1
4,6-Dinitro-2-methylphenol	0.29	U	0.29	0.15	mg/Kg	☼	09/30/25 22:25	10/01/25 09:33	1
4-Bromophenyl phenyl ether	0.36	U	0.36	0.014	mg/Kg	☼	09/30/25 22:25	10/01/25 09:33	1
4-Chloro-3-methylphenol	0.36	U	0.36	0.020	mg/Kg	☼	09/30/25 22:25	10/01/25 09:33	1
4-Chloroaniline	0.36	U	0.36	0.063	mg/Kg	☼	09/30/25 22:25	10/01/25 09:33	1
4-Chlorophenyl phenyl ether	0.36	U	0.36	0.013	mg/Kg	☼	09/30/25 22:25	10/01/25 09:33	1
4-Methylphenol	0.36	U	0.36	0.022	mg/Kg	☼	09/30/25 22:25	10/01/25 09:33	1
4-Nitroaniline	0.36	U	0.36	0.090	mg/Kg	☼	09/30/25 22:25	10/01/25 09:33	1
4-Nitrophenol	0.72	U	0.72	0.058	mg/Kg	☼	09/30/25 22:25	10/01/25 09:33	1
Acenaphthene	0.36	U	0.36	0.010	mg/Kg	☼	09/30/25 22:25	10/01/25 09:33	1
Acenaphthylene	0.36	U	0.36	0.010	mg/Kg	☼	09/30/25 22:25	10/01/25 09:33	1
Acetophenone	0.36	U	0.36	0.017	mg/Kg	☼	09/30/25 22:25	10/01/25 09:33	1
Anthracene	0.36	U	0.36	0.011	mg/Kg	☼	09/30/25 22:25	10/01/25 09:33	1
Atrazine	0.14	U	0.14	0.021	mg/Kg	☼	09/30/25 22:25	10/01/25 09:33	1
Benzaldehyde	0.36	U	0.36	0.059	mg/Kg	☼	09/30/25 22:25	10/01/25 09:33	1
Benzo[a]anthracene	0.036	U	0.036	0.027	mg/Kg	☼	09/30/25 22:25	10/01/25 09:33	1
Benzo[a]pyrene	0.036	U	0.036	0.0095	mg/Kg	☼	09/30/25 22:25	10/01/25 09:33	1
Benzo[b]fluoranthene	0.036	U	0.036	0.0092	mg/Kg	☼	09/30/25 22:25	10/01/25 09:33	1
Benzo[g,h,i]perylene	0.36	U	0.36	0.011	mg/Kg	☼	09/30/25 22:25	10/01/25 09:33	1
Benzo[k]fluoranthene	0.036	U	0.036	0.0070	mg/Kg	☼	09/30/25 22:25	10/01/25 09:33	1
Bis(2-chloroethoxy)methane	0.36	U	0.36	0.066	mg/Kg	☼	09/30/25 22:25	10/01/25 09:33	1
Bis(2-chloroethyl)ether	0.036	U	0.036	0.012	mg/Kg	☼	09/30/25 22:25	10/01/25 09:33	1
Bis(2-ethylhexyl) phthalate	0.36	U	0.36	0.019	mg/Kg	☼	09/30/25 22:25	10/01/25 09:33	1
Butyl benzyl phthalate	0.36	U	0.36	0.017	mg/Kg	☼	09/30/25 22:25	10/01/25 09:33	1
Caprolactam	0.36	U	0.36	0.055	mg/Kg	☼	09/30/25 22:25	10/01/25 09:33	1
Carbazole	0.36	U	0.36	0.014	mg/Kg	☼	09/30/25 22:25	10/01/25 09:33	1
Chrysene	0.36	U	0.36	0.015	mg/Kg	☼	09/30/25 22:25	10/01/25 09:33	1
Dibenz(a,h)anthracene	0.036	U	0.036	0.015	mg/Kg	☼	09/30/25 22:25	10/01/25 09:33	1
Dibenzofuran	0.36	U	0.36	0.012	mg/Kg	☼	09/30/25 22:25	10/01/25 09:33	1

Client Sample ID: 59B_6-12

Date Collected: 09/29/25 11:45
Date Received: 09/29/25 15:30

Lab Sample ID: 460-335975-4

Matrix: Solid
Percent Solids: 92.5

Method: SW846 8270E - Semivolatile Organic Compounds (GC/MS) (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Diethyl phthalate	0.36	U	0.36	0.011	mg/Kg	☼	09/30/25 22:25	10/01/25 09:33	1
Dimethyl phthalate	0.36	U	0.36	0.081	mg/Kg	☼	09/30/25 22:25	10/01/25 09:33	1
Di-n-butyl phthalate	0.36	U	0.36	0.013	mg/Kg	☼	09/30/25 22:25	10/01/25 09:33	1
Di-n-octyl phthalate	0.36	U	0.36	0.019	mg/Kg	☼	09/30/25 22:25	10/01/25 09:33	1
Fluoranthene	0.36	U	0.36	0.012	mg/Kg	☼	09/30/25 22:25	10/01/25 09:33	1
Fluorene	0.36	U	0.36	0.010	mg/Kg	☼	09/30/25 22:25	10/01/25 09:33	1
Hexachlorobenzene	0.036	U	0.036	0.017	mg/Kg	☼	09/30/25 22:25	10/01/25 09:33	1
Hexachlorobutadiene	0.072	U	0.072	0.0076	mg/Kg	☼	09/30/25 22:25	10/01/25 09:33	1
Hexachlorocyclopentadiene	0.36	U	0.36	0.031	mg/Kg	☼	09/30/25 22:25	10/01/25 09:33	1
Hexachloroethane	0.036	U	0.036	0.012	mg/Kg	☼	09/30/25 22:25	10/01/25 09:33	1
Indeno[1,2,3-cd]pyrene	0.036	U	0.036	0.014	mg/Kg	☼	09/30/25 22:25	10/01/25 09:33	1
Isophorone	0.14	U	0.14	0.10	mg/Kg	☼	09/30/25 22:25	10/01/25 09:33	1
Naphthalene	0.36	U	0.36	0.0062	mg/Kg	☼	09/30/25 22:25	10/01/25 09:33	1
Nitrobenzene	0.036	U	0.036	0.020	mg/Kg	☼	09/30/25 22:25	10/01/25 09:33	1
N-Nitrosodi-n-propylamine	0.036	U	0.036	0.026	mg/Kg	☼	09/30/25 22:25	10/01/25 09:33	1
N-Nitrosodiphenylamine	0.36	U	0.36	0.029	mg/Kg	☼	09/30/25 22:25	10/01/25 09:33	1
Pentachlorophenol	0.29	U	0.29	0.073	mg/Kg	☼	09/30/25 22:25	10/01/25 09:33	1
Phenanthrene	0.36	U	0.36	0.015	mg/Kg	☼	09/30/25 22:25	10/01/25 09:33	1
Phenol	0.36	U	0.36	0.013	mg/Kg	☼	09/30/25 22:25	10/01/25 09:33	1
Pyrene	0.36	U	0.36	0.0089	mg/Kg	☼	09/30/25 22:25	10/01/25 09:33	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
2,4,6-Tribromophenol (Surr)	*54*		*18 - 137*	*09/30/25 22:25*	*10/01/25 09:33*	*1*
2-Fluorobiphenyl	*57*		*33 - 117*	*09/30/25 22:25*	*10/01/25 09:33*	*1*
2-Fluorophenol (Surr)	*61*		*24 - 120*	*09/30/25 22:25*	*10/01/25 09:33*	*1*
Nitrobenzene-d5 (Surr)	*59*		*27 - 120*	*09/30/25 22:25*	*10/01/25 09:33*	*1*
Phenol-d5 (Surr)	*59*		*28 - 118*	*09/30/25 22:25*	*10/01/25 09:33*	*1*
Terphenyl-d14 (Surr)	*66*		*33 - 124*	*09/30/25 22:25*	*10/01/25 09:33*	*1*

Method: SW846 8081B - Organochlorine Pesticides (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
4,4'-DDD	0.0072	U	0.0072	0.0012	mg/Kg	☼	09/30/25 16:49	10/01/25 09:24	1
4,4'-DDE	0.0072	U	0.0072	0.00085	mg/Kg	☼	09/30/25 16:49	10/01/25 09:24	1
4,4'-DDT	0.0072	U	0.0072	0.0013	mg/Kg	☼	09/30/25 16:49	10/01/25 09:24	1
Aldrin	0.0072	U	0.0072	0.0011	mg/Kg	☼	09/30/25 16:49	10/01/25 09:24	1
alpha-BHC	0.0022	U	0.0022	0.00074	mg/Kg	☼	09/30/25 16:49	10/01/25 09:24	1
beta-BHC	0.0022	U	0.0022	0.00081	mg/Kg	☼	09/30/25 16:49	10/01/25 09:24	1
Chlordane (technical)	0.072	U	0.072	0.018	mg/Kg	☼	09/30/25 16:49	10/01/25 09:24	1
cis-Chlordane	0.0072	U	0.0072	0.0011	mg/Kg	☼	09/30/25 16:49	10/01/25 09:24	1
delta-BHC	0.0022	U	0.0022	0.00044	mg/Kg	☼	09/30/25 16:49	10/01/25 09:24	1
Dieldrin	0.0022	U	0.0022	0.00094	mg/Kg	☼	09/30/25 16:49	10/01/25 09:24	1
Endosulfan I	0.0072	U	0.0072	0.0011	mg/Kg	☼	09/30/25 16:49	10/01/25 09:24	1
Endosulfan II	0.0072	U	0.0072	0.0019	mg/Kg	☼	09/30/25 16:49	10/01/25 09:24	1
Endosulfan sulfate	0.0072	U	0.0072	0.00091	mg/Kg	☼	09/30/25 16:49	10/01/25 09:24	1
Endrin	0.0072	U	0.0072	0.0010	mg/Kg	☼	09/30/25 16:49	10/01/25 09:24	1
Endrin aldehyde	0.0072	U	0.0072	0.0017	mg/Kg	☼	09/30/25 16:49	10/01/25 09:24	1
Endrin ketone	0.0072	U	0.0072	0.0014	mg/Kg	☼	09/30/25 16:49	10/01/25 09:24	1
gamma-BHC (Lindane)	0.0022	U	0.0022	0.00067	mg/Kg	☼	09/30/25 16:49	10/01/25 09:24	1
Heptachlor	0.0072	U	0.0072	0.00085	mg/Kg	☼	09/30/25 16:49	10/01/25 09:24	1
Heptachlor epoxide	0.0072	U	0.0072	0.0011	mg/Kg	☼	09/30/25 16:49	10/01/25 09:24	1

Client Sample ID: 59B_6-12
Date Collected: 09/29/25 11:45
Date Received: 09/29/25 15:30

Lab Sample ID: 460-335975-4
Matrix: Solid
Percent Solids: 92.5

Method: SW846 8081B - Organochlorine Pesticides (GC) (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Methoxychlor	0.0072	U	0.0072	0.0017	mg/Kg	☼	09/30/25 16:49	10/01/25 09:24	1
Toxaphene	0.072	U	0.072	0.026	mg/Kg	☼	09/30/25 16:49	10/01/25 09:24	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
DCB Decachlorobiphenyl	*104*		*10 - 150*	*09/30/25 16:49*	*10/01/25 09:24*	*1*
DCB Decachlorobiphenyl	*123*		*10 - 150*	*09/30/25 16:49*	*10/01/25 09:24*	*1*
Tetrachloro-m-xylene	*103*		*14 - 150*	*09/30/25 16:49*	*10/01/25 09:24*	*1*
Tetrachloro-m-xylene	*100*		*14 - 150*	*09/30/25 16:49*	*10/01/25 09:24*	*1*

Method: SW846 8082A - Polychlorinated Biphenyls (PCBs) by Gas Chromatography

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Aroclor 1016	0.072	U	0.072	0.019	mg/Kg	☼	09/30/25 16:45	10/01/25 13:09	1
Aroclor 1221	0.072	U	0.072	0.019	mg/Kg	☼	09/30/25 16:45	10/01/25 13:09	1
Aroclor 1232	0.072	U	0.072	0.019	mg/Kg	☼	09/30/25 16:45	10/01/25 13:09	1
Aroclor 1242	0.072	U	0.072	0.019	mg/Kg	☼	09/30/25 16:45	10/01/25 13:09	1
Aroclor 1248	0.072	U	0.072	0.019	mg/Kg	☼	09/30/25 16:45	10/01/25 13:09	1
Aroclor 1254	0.072	U	0.072	0.019	mg/Kg	☼	09/30/25 16:45	10/01/25 13:09	1
Aroclor 1260	0.072	U	0.072	0.019	mg/Kg	☼	09/30/25 16:45	10/01/25 13:09	1
Aroclor-1262	0.072	U	0.072	0.019	mg/Kg	☼	09/30/25 16:45	10/01/25 13:09	1
Aroclor 1268	0.072	U	0.072	0.019	mg/Kg	☼	09/30/25 16:45	10/01/25 13:09	1
Polychlorinated biphenyls, Total	0.072	U	0.072	0.019	mg/Kg	☼	09/30/25 16:45	10/01/25 13:09	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
DCB Decachlorobiphenyl	*90*		*10 - 150*	*09/30/25 16:45*	*10/01/25 13:09*	*1*
DCB Decachlorobiphenyl	*98*		*10 - 150*	*09/30/25 16:45*	*10/01/25 13:09*	*1*
Tetrachloro-m-xylene	*96*		*10 - 150*	*09/30/25 16:45*	*10/01/25 13:09*	*1*
Tetrachloro-m-xylene	*95*		*10 - 150*	*09/30/25 16:45*	*10/01/25 13:09*	*1*

Method: EPA 1633A - Per- and Polyfluoroalkyl Substances by LC/MS/MS, 1633A

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Perfluorobutanoic acid (PFBA)	0.39	U	0.39	0.098	ug/Kg	☼	10/07/25 09:25	10/08/25 05:40	1
Perfluoropentanoic acid (PFPeA)	0.20	U	0.20	0.098	ug/Kg	☼	10/07/25 09:25	10/08/25 05:40	1
Perfluorohexanoic acid (PFHxA)	0.20	U	0.20	0.098	ug/Kg	☼	10/07/25 09:25	10/08/25 05:40	1
Perfluoroheptanoic acid (PFHpA)	0.20	U	0.20	0.098	ug/Kg	☼	10/07/25 09:25	10/08/25 05:40	1
Perfluorooctanoic acid (PFOA)	0.20	U	0.20	0.059	ug/Kg	☼	10/07/25 09:25	10/08/25 05:40	1
Perfluorononanoic acid (PFNA)	**0.098**	**J**	0.20	0.098	ug/Kg	☼	10/07/25 09:25	10/08/25 05:40	1
Perfluorodecanoic acid (PFDA)	**0.19**	**J**	0.20	0.059	ug/Kg	☼	10/07/25 09:25	10/08/25 05:40	1
Perfluoroundecanoic acid (PFUnA)	**3.09**		0.20	0.098	ug/Kg	☼	10/07/25 09:25	10/08/25 05:40	1
Perfluorododecanoic acid (PFDoA)	**0.11**	**J**	0.20	0.098	ug/Kg	☼	10/07/25 09:25	10/08/25 05:40	1
Perfluorotridecanoic acid (PFTrDA)	**1.36**		0.20	0.098	ug/Kg	☼	10/07/25 09:25	10/08/25 05:40	1
Perfluorotetradecanoic acid (PFTeDA)	0.20	U	0.20	0.098	ug/Kg	☼	10/07/25 09:25	10/08/25 05:40	1
Perfluorobutanesulfonic acid (PFBS)	0.20	U	0.20	0.098	ug/Kg	☼	10/07/25 09:25	10/08/25 05:40	1
Perfluoropentanesulfonic acid (PFPeS)	0.20	U	0.20	0.098	ug/Kg	☼	10/07/25 09:25	10/08/25 05:40	1
Perfluorohexanesulfonic acid (PFHxS)	0.20	U	0.20	0.098	ug/Kg	☼	10/07/25 09:25	10/08/25 05:40	1
Perfluoroheptanesulfonic acid (PFHpS)	0.20	U	0.20	0.098	ug/Kg	☼	10/07/25 09:25	10/08/25 05:40	1
Perfluorooctanesulfonic acid (PFOS)	0.20	U	0.20	0.098	ug/Kg	☼	10/07/25 09:25	10/08/25 05:40	1
Perfluorononanesulfonic acid (PFNS)	0.20	U	0.20	0.098	ug/Kg	☼	10/07/25 09:25	10/08/25 05:40	1

Client Sample ID: 59B_6-12
Date Collected: 09/29/25 11:45
Date Received: 09/29/25 15:30

Lab Sample ID: 460-335975-4
Matrix: Solid
Percent Solids: 92.5

Method: EPA 1633A - Per- and Polyfluoroalkyl Substances by LC/MS/MS, 1633A (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Perfluorodecanesulfonic acid (PFDS)	0.20	U	0.20	0.098	ug/Kg	☼	10/07/25 09:25	10/08/25 05:40	1
Perfluorododecanesulfonic acid (PFDoS)	0.20	U	0.20	0.098	ug/Kg	☼	10/07/25 09:25	10/08/25 05:40	1
1H,1H,2H,2H-Perfluorohexane sulfonic acid (4:2 FTS)	0.39	U	0.39	0.20	ug/Kg	☼	10/07/25 09:25	10/08/25 05:40	1
1H,1H,2H,2H-Perfluorooctane sulfonic acid (6:2 FTS)	0.39	U	0.39	0.20	ug/Kg	☼	10/07/25 09:25	10/08/25 05:40	1
1H,1H,2H,2H-Perfluorodecane sulfonic acid (8:2 FTS)	0.39	U	0.39	0.20	ug/Kg	☼	10/07/25 09:25	10/08/25 05:40	1
Perfluorooctanesulfonamide (PFOSA)	0.20	U	0.20	0.098	ug/Kg	☼	10/07/25 09:25	10/08/25 05:40	1
N-methylperfluorooctane sulfonamide (NMeFOSA)	0.20	U	0.20	0.098	ug/Kg	☼	10/07/25 09:25	10/08/25 05:40	1
N-ethylperfluorooctane sulfonamide (NEtFOSA)	0.20	U	0.20	0.098	ug/Kg	☼	10/07/25 09:25	10/08/25 05:40	1
N-methylperfluorooctanesulfonamidoacetic acid (NMeFOSAA)	0.20	U	0.20	0.098	ug/Kg	☼	10/07/25 09:25	10/08/25 05:40	1
N-ethylperfluorooctanesulfonamidoacetic acid (NEtFOSAA)	0.20	U	0.20	0.098	ug/Kg	☼	10/07/25 09:25	10/08/25 05:40	1
N-methylperfluorooctane sulfonamidoethanol (NMeFOSE)	0.98	U	0.98	0.49	ug/Kg	☼	10/07/25 09:25	10/08/25 05:40	1
N-ethylperfluorooctane sulfonamidoethanol (NEtFOSE)	0.98	U	0.98	0.49	ug/Kg	☼	10/07/25 09:25	10/08/25 05:40	1
Hexafluoropropylene Oxide Dimer Acid (HFPO-DA)	0.20	U	0.20	0.098	ug/Kg	☼	10/07/25 09:25	10/08/25 05:40	1
4,8-Dioxa-3H-perfluorononanoic acid (ADONA)	0.20	U	0.20	0.098	ug/Kg	☼	10/07/25 09:25	10/08/25 05:40	1
Perfluoro-3-methoxypropanoic acid (PFMPA)	0.20	U	0.20	0.098	ug/Kg	☼	10/07/25 09:25	10/08/25 05:40	1
Perfluoro-4-methoxybutanoic acid (PFMBA)	0.20	U	0.20	0.098	ug/Kg	☼	10/07/25 09:25	10/08/25 05:40	1
Nonafluoro-3,6-dioxaheptanoic acid (NFDHA)	0.20	U	0.20	0.098	ug/Kg	☼	10/07/25 09:25	10/08/25 05:40	1
9-Chlorohexadecafluoro-3-oxanonane-1-sulfonic acid (9Cl-PF3ONS)	0.20	U	0.20	0.098	ug/Kg	☼	10/07/25 09:25	10/08/25 05:40	1
11-Chloroeicosafluoro-3-oxaundecane-1-sulfonic acid (11Cl-PF3OUdS)	0.20	U	0.20	0.098	ug/Kg	☼	10/07/25 09:25	10/08/25 05:40	1
Perfluoro (2-ethoxyethane) sulfonic acid (PFEESA)	0.20	U	0.20	0.098	ug/Kg	☼	10/07/25 09:25	10/08/25 05:40	1
3-Perfluoropropylpropanoic acid (3:3 FTCA)	0.39	U	0.39	0.20	ug/Kg	☼	10/07/25 09:25	10/08/25 05:40	1
3-Perfluoropentylpropanoic acid (5:3 FTCA)	0.98	U	0.98	0.49	ug/Kg	☼	10/07/25 09:25	10/08/25 05:40	1
3-Perfluoroheptylpropanoic acid (7:3 FTCA)	0.98	U	0.98	0.49	ug/Kg	☼	10/07/25 09:25	10/08/25 05:40	1

Isotope Dilution	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
13C4 PFBA	*89.4*		*8 - 130*	*10/07/25 09:25*	*10/08/25 05:40*	*1*
13C5 PFPeA	*90.3*		*35 - 130*	*10/07/25 09:25*	*10/08/25 05:40*	*1*
13C5 PFHxA	*86.1*		*40 - 130*	*10/07/25 09:25*	*10/08/25 05:40*	*1*
13C4 PFHpA	*81.2*		*40 - 130*	*10/07/25 09:25*	*10/08/25 05:40*	*1*
13C8 PFOA	*78.7*		*40 - 130*	*10/07/25 09:25*	*10/08/25 05:40*	*1*
13C9 PFNA	*77.3*		*40 - 130*	*10/07/25 09:25*	*10/08/25 05:40*	*1*
13C6 PFDA	*73.9*		*40 - 130*	*10/07/25 09:25*	*10/08/25 05:40*	*1*
13C7 PFUnA	*69.4*		*40 - 130*	*10/07/25 09:25*	*10/08/25 05:40*	*1*
13C2 PFTeDA	*48.7*		*20 - 130*	*10/07/25 09:25*	*10/08/25 05:40*	*1*

Client Sample ID: 59B_6-12

Date Collected: 09/29/25 11:45
Date Received: 09/29/25 15:30

Lab Sample ID: 460-335975-4

Matrix: Solid
Percent Solids: 92.5

Method: EPA 1633A - Per- and Polyfluoroalkyl Substances by LC/MS/MS, 1633A (Continued)

Isotope Dilution	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
13C3 PFBS	82.1		40 - 135	10/07/25 09:25	10/08/25 05:40	1
13C3 PFHxS	79.9		40 - 130	10/07/25 09:25	10/08/25 05:40	1
13C8 PFOS	76.6		40 - 130	10/07/25 09:25	10/08/25 05:40	1
13C8 FOSA	82.8		40 - 130	10/07/25 09:25	10/08/25 05:40	1
d3-NMeFOSAA	69.6		40 - 135	10/07/25 09:25	10/08/25 05:40	1
d5-NEtFOSAA	63.0		40 - 150	10/07/25 09:25	10/08/25 05:40	1
13C2 4:2 FTS	88.4		40 - 165	10/07/25 09:25	10/08/25 05:40	1
13C2 6:2 FTS	82.6		40 - 215	10/07/25 09:25	10/08/25 05:40	1
13C2 8:2 FTS	106		40 - 275	10/07/25 09:25	10/08/25 05:40	1
13C3 HFPO-DA	80.2		40 - 130	10/07/25 09:25	10/08/25 05:40	1
d7-N-MeFOSE-M	38.4		20 - 130	10/07/25 09:25	10/08/25 05:40	1
d9-N-EtFOSE-M	25.5		15 - 130	10/07/25 09:25	10/08/25 05:40	1
d5-NEtPFOSA	50.4		10 - 130	10/07/25 09:25	10/08/25 05:40	1
d3-NMePFOSA	58.9		10 - 130	10/07/25 09:25	10/08/25 05:40	1
13C2 PFDoA	65.5		40 - 130	10/07/25 09:25	10/08/25 05:40	1

Method: SW846 6020B - Metals (ICP/MS)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Aluminum	6850		16.8	4.6	mg/Kg	☼	10/03/25 19:40	10/05/25 13:53	1
Antimony	1.1		0.84	0.12	mg/Kg	☼	10/03/25 19:40	10/05/25 13:53	1
Arsenic	5.5		0.84	0.086	mg/Kg	☼	10/03/25 19:40	10/05/25 13:53	1
Barium	38.7		1.7	0.12	mg/Kg	☼	10/03/25 19:40	10/05/25 13:53	1
Beryllium	0.45		0.34	0.018	mg/Kg	☼	10/03/25 19:40	10/05/25 13:53	1
Cadmium	0.17	J	0.84	0.095	mg/Kg	☼	10/03/25 19:40	10/05/25 13:53	1
Calcium	1070		83.8	8.2	mg/Kg	☼	10/03/25 19:40	10/05/25 13:53	1
Chromium	14.2		1.7	0.25	mg/Kg	☼	10/03/25 19:40	10/05/25 13:53	1
Cobalt	5.4		0.84	0.12	mg/Kg	☼	10/03/25 19:40	10/05/25 13:53	1
Copper	26.7		1.7	0.31	mg/Kg	☼	10/03/25 19:40	10/05/25 13:53	1
Iron	16600		50.3	6.4	mg/Kg	☼	10/03/25 19:40	10/05/25 13:53	1
Lead	28.1		0.50	0.17	mg/Kg	☼	10/03/25 19:40	10/05/25 13:53	1
Magnesium	2010		83.8	8.5	mg/Kg	☼	10/03/25 19:40	10/05/25 13:53	1
Manganese	222		3.4	0.34	mg/Kg	☼	10/03/25 19:40	10/05/25 13:53	1
Nickel	10		1.7	0.15	mg/Kg	☼	10/03/25 19:40	10/05/25 13:53	1
Potassium	1010		83.8	13.6	mg/Kg	☼	10/03/25 19:40	10/05/25 13:53	1
Selenium	0.24	J	1.0	0.11	mg/Kg	☼	10/03/25 19:40	10/05/25 13:53	1
Silver	0.16	J	0.34	0.075	mg/Kg	☼	10/03/25 19:40	10/05/25 13:53	1
Sodium	51.8	J	83.8	38.3	mg/Kg	☼	10/03/25 19:40	10/05/25 13:53	1
Thallium	0.087	J	0.34	0.034	mg/Kg	☼	10/03/25 19:40	10/05/25 13:53	1
Vanadium	21.9		1.7	0.17	mg/Kg	☼	10/03/25 19:40	10/05/25 13:53	1
Zinc	41.3		6.7	0.91	mg/Kg	☼	10/03/25 19:40	10/05/25 13:53	1

Method: SW846 7471B - Mercury (CVAA)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	0.027		0.017	0.0079	mg/Kg	☼	10/06/25 01:04	10/06/25 11:26	1

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Percent Moisture (EPA Moisture)	7.5		1.0	1.0	%			10/02/25 17:22	1
Percent Solids (EPA Moisture)	92.5		1.0	1.0	%			10/02/25 17:22	1

Client: Haley & Aldrich, Inc.
Project/Site: Former Port Mobil

Job ID: 460-335975-1

Client Sample ID: 59C_0-6
Date Collected: 09/29/25 11:50
Date Received: 09/29/25 15:30

Lab Sample ID: 460-335975-5
Matrix: Solid
Percent Solids: 90.1

Method: SW846 8270E - Semivolatile Organic Compounds (GC/MS)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1'-Biphenyl	0.36	U	0.36	0.013	mg/Kg	☼	09/30/25 22:25	10/01/25 09:56	1
1,2,4,5-Tetrachlorobenzene	0.36	U	0.36	0.011	mg/Kg	☼	09/30/25 22:25	10/01/25 09:56	1
1,4-Dioxane	0.036	U	0.036	0.032	mg/Kg	☼	09/30/25 22:25	10/01/25 09:56	1
2,2'-oxybis[1-chloropropane]	0.36	U	0.36	0.022	mg/Kg	☼	09/30/25 22:25	10/01/25 09:56	1
2,3,4,6-Tetrachlorophenol	0.36	U	0.36	0.025	mg/Kg	☼	09/30/25 22:25	10/01/25 09:56	1
2,4,5-Trichlorophenol	0.36	U	0.36	0.037	mg/Kg	☼	09/30/25 22:25	10/01/25 09:56	1
2,4,6-Trichlorophenol	0.15	U	0.15	0.047	mg/Kg	☼	09/30/25 22:25	10/01/25 09:56	1
2,4-Dichlorophenol	0.15	U	0.15	0.023	mg/Kg	☼	09/30/25 22:25	10/01/25 09:56	1
2,4-Dimethylphenol	0.36	U	0.36	0.044	mg/Kg	☼	09/30/25 22:25	10/01/25 09:56	1
2,4-Dinitrophenol	0.29	U	0.29	0.18	mg/Kg	☼	09/30/25 22:25	10/01/25 09:56	1
2,4-Dinitrotoluene	0.074	U	0.074	0.039	mg/Kg	☼	09/30/25 22:25	10/01/25 09:56	1
2,6-Dinitrotoluene	0.074	U	0.074	0.026	mg/Kg	☼	09/30/25 22:25	10/01/25 09:56	1
2-Chloronaphthalene	0.36	U	0.36	0.047	mg/Kg	☼	09/30/25 22:25	10/01/25 09:56	1
2-Chlorophenol	0.36	U	0.36	0.013	mg/Kg	☼	09/30/25 22:25	10/01/25 09:56	1
2-Methylnaphthalene	0.36	U	0.36	0.010	mg/Kg	☼	09/30/25 22:25	10/01/25 09:56	1
2-Methylphenol	0.36	U	0.36	0.014	mg/Kg	☼	09/30/25 22:25	10/01/25 09:56	1
2-Nitroaniline	0.36	U	0.36	0.028	mg/Kg	☼	09/30/25 22:25	10/01/25 09:56	1
2-Nitrophenol	0.36	U	0.36	0.037	mg/Kg	☼	09/30/25 22:25	10/01/25 09:56	1
3 & 4 Methylphenol	0.36	U	0.36	0.023	mg/Kg	☼	09/30/25 22:25	10/01/25 09:56	1
3,3'-Dichlorobenzidine	0.15	U	0.15	0.055	mg/Kg	☼	09/30/25 22:25	10/01/25 09:56	1
3-Nitroaniline	0.36	U	0.36	0.087	mg/Kg	☼	09/30/25 22:25	10/01/25 09:56	1
4,6-Dinitro-2-methylphenol	0.29	U	0.29	0.15	mg/Kg	☼	09/30/25 22:25	10/01/25 09:56	1
4-Bromophenyl phenyl ether	0.36	U	0.36	0.014	mg/Kg	☼	09/30/25 22:25	10/01/25 09:56	1
4-Chloro-3-methylphenol	0.36	U	0.36	0.020	mg/Kg	☼	09/30/25 22:25	10/01/25 09:56	1
4-Chloroaniline	0.36	U	0.36	0.065	mg/Kg	☼	09/30/25 22:25	10/01/25 09:56	1
4-Chlorophenyl phenyl ether	0.36	U	0.36	0.013	mg/Kg	☼	09/30/25 22:25	10/01/25 09:56	1
4-Methylphenol	0.36	U	0.36	0.023	mg/Kg	☼	09/30/25 22:25	10/01/25 09:56	1
4-Nitroaniline	0.36	U	0.36	0.093	mg/Kg	☼	09/30/25 22:25	10/01/25 09:56	1
4-Nitrophenol	0.74	U	0.74	0.059	mg/Kg	☼	09/30/25 22:25	10/01/25 09:56	1
Acenaphthene	0.36	U	0.36	0.010	mg/Kg	☼	09/30/25 22:25	10/01/25 09:56	1
Acenaphthylene	0.36	U	0.36	0.010	mg/Kg	☼	09/30/25 22:25	10/01/25 09:56	1
Acetophenone	0.36	U	0.36	0.018	mg/Kg	☼	09/30/25 22:25	10/01/25 09:56	1
Anthracene	0.36	U	0.36	0.011	mg/Kg	☼	09/30/25 22:25	10/01/25 09:56	1
Atrazine	0.15	U	0.15	0.021	mg/Kg	☼	09/30/25 22:25	10/01/25 09:56	1
Benzaldehyde	0.36	U	0.36	0.060	mg/Kg	☼	09/30/25 22:25	10/01/25 09:56	1
Benzo[a]anthracene	0.036	U	0.036	0.027	mg/Kg	☼	09/30/25 22:25	10/01/25 09:56	1
Benzo[a]pyrene	0.036	U	0.036	0.0097	mg/Kg	☼	09/30/25 22:25	10/01/25 09:56	1
Benzo[b]fluoranthene	0.036	U	0.036	0.0094	mg/Kg	☼	09/30/25 22:25	10/01/25 09:56	1
Benzo[g,h,i]perylene	0.36	U	0.36	0.011	mg/Kg	☼	09/30/25 22:25	10/01/25 09:56	1
Benzo[k]fluoranthene	0.036	U	0.036	0.0072	mg/Kg	☼	09/30/25 22:25	10/01/25 09:56	1
Bis(2-chloroethoxy)methane	0.36	U	0.36	0.067	mg/Kg	☼	09/30/25 22:25	10/01/25 09:56	1
Bis(2-chloroethyl)ether	0.036	U	0.036	0.013	mg/Kg	☼	09/30/25 22:25	10/01/25 09:56	1
Bis(2-ethylhexyl) phthalate	0.36	U	0.36	0.019	mg/Kg	☼	09/30/25 22:25	10/01/25 09:56	1
Butyl benzyl phthalate	0.36	U	0.36	0.017	mg/Kg	☼	09/30/25 22:25	10/01/25 09:56	1
Caprolactam	0.36	U	0.36	0.057	mg/Kg	☼	09/30/25 22:25	10/01/25 09:56	1
Carbazole	0.36	U	0.36	0.014	mg/Kg	☼	09/30/25 22:25	10/01/25 09:56	1
Chrysene	0.36	U	0.36	0.015	mg/Kg	☼	09/30/25 22:25	10/01/25 09:56	1
Dibenz(a,h)anthracene	0.036	U	0.036	0.016	mg/Kg	☼	09/30/25 22:25	10/01/25 09:56	1
Dibenzofuran	0.36	U	0.36	0.012	mg/Kg	☼	09/30/25 22:25	10/01/25 09:56	1

Client Sample ID: 59C_0-6

Date Collected: 09/29/25 11:50
Date Received: 09/29/25 15:30

Lab Sample ID: 460-335975-5

Matrix: Solid
Percent Solids: 90.1

Method: SW846 8270E - Semivolatile Organic Compounds (GC/MS) (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Diethyl phthalate	0.36	U	0.36	0.012	mg/Kg	☼	09/30/25 22:25	10/01/25 09:56	1
Dimethyl phthalate	0.36	U	0.36	0.083	mg/Kg	☼	09/30/25 22:25	10/01/25 09:56	1
Di-n-butyl phthalate	0.36	U	0.36	0.014	mg/Kg	☼	09/30/25 22:25	10/01/25 09:56	1
Di-n-octyl phthalate	0.36	U	0.36	0.019	mg/Kg	☼	09/30/25 22:25	10/01/25 09:56	1
Fluoranthene	0.36	U	0.36	0.013	mg/Kg	☼	09/30/25 22:25	10/01/25 09:56	1
Fluorene	0.36	U	0.36	0.011	mg/Kg	☼	09/30/25 22:25	10/01/25 09:56	1
Hexachlorobenzene	0.036	U	0.036	0.017	mg/Kg	☼	09/30/25 22:25	10/01/25 09:56	1
Hexachlorobutadiene	0.074	U	0.074	0.0078	mg/Kg	☼	09/30/25 22:25	10/01/25 09:56	1
Hexachlorocyclopentadiene	0.36	U	0.36	0.032	mg/Kg	☼	09/30/25 22:25	10/01/25 09:56	1
Hexachloroethane	0.036	U	0.036	0.013	mg/Kg	☼	09/30/25 22:25	10/01/25 09:56	1
Indeno[1,2,3-cd]pyrene	0.036	U	0.036	0.014	mg/Kg	☼	09/30/25 22:25	10/01/25 09:56	1
Isophorone	0.15	U	0.15	0.11	mg/Kg	☼	09/30/25 22:25	10/01/25 09:56	1
Naphthalene	0.36	U	0.36	0.0063	mg/Kg	☼	09/30/25 22:25	10/01/25 09:56	1
Nitrobenzene	0.036	U	0.036	0.020	mg/Kg	☼	09/30/25 22:25	10/01/25 09:56	1
N-Nitrosodi-n-propylamine	0.036	U	0.036	0.027	mg/Kg	☼	09/30/25 22:25	10/01/25 09:56	1
N-Nitrosodiphenylamine	0.36	U	0.36	0.030	mg/Kg	☼	09/30/25 22:25	10/01/25 09:56	1
Pentachlorophenol	0.29	U	0.29	0.075	mg/Kg	☼	09/30/25 22:25	10/01/25 09:56	1
Phenanthrene	0.36	U	0.36	0.015	mg/Kg	☼	09/30/25 22:25	10/01/25 09:56	1
Phenol	0.36	U	0.36	0.013	mg/Kg	☼	09/30/25 22:25	10/01/25 09:56	1
Pyrene	0.36	U	0.36	0.0091	mg/Kg	☼	09/30/25 22:25	10/01/25 09:56	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
2,4,6-Tribromophenol (Surr)	*55*		*18 - 137*	*09/30/25 22:25*	*10/01/25 09:56*	*1*
2-Fluorobiphenyl	*57*		*33 - 117*	*09/30/25 22:25*	*10/01/25 09:56*	*1*
2-Fluorophenol (Surr)	*60*		*24 - 120*	*09/30/25 22:25*	*10/01/25 09:56*	*1*
Nitrobenzene-d5 (Surr)	*60*		*27 - 120*	*09/30/25 22:25*	*10/01/25 09:56*	*1*
Phenol-d5 (Surr)	*59*		*28 - 118*	*09/30/25 22:25*	*10/01/25 09:56*	*1*
Terphenyl-d14 (Surr)	*64*		*33 - 124*	*09/30/25 22:25*	*10/01/25 09:56*	*1*

Method: SW846 8081B - Organochlorine Pesticides (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
4,4'-DDD	0.0074	U	0.0074	0.0013	mg/Kg	☼	09/30/25 16:49	10/01/25 09:36	1
4,4'-DDE	0.0074	U	0.0074	0.00088	mg/Kg	☼	09/30/25 16:49	10/01/25 09:36	1
4,4'-DDT	0.0074	U	0.0074	0.0014	mg/Kg	☼	09/30/25 16:49	10/01/25 09:36	1
Aldrin	0.0074	U	0.0074	0.0011	mg/Kg	☼	09/30/25 16:49	10/01/25 09:36	1
alpha-BHC	0.0022	U	0.0022	0.00075	mg/Kg	☼	09/30/25 16:49	10/01/25 09:36	1
beta-BHC	0.0022	U	0.0022	0.00083	mg/Kg	☼	09/30/25 16:49	10/01/25 09:36	1
Chlordane (technical)	0.074	U	0.074	0.018	mg/Kg	☼	09/30/25 16:49	10/01/25 09:36	1
cis-Chlordane	0.0074	U	0.0074	0.0012	mg/Kg	☼	09/30/25 16:49	10/01/25 09:36	1
delta-BHC	0.0022	U	0.0022	0.00045	mg/Kg	☼	09/30/25 16:49	10/01/25 09:36	1
Dieldrin	0.0022	U	0.0022	0.00097	mg/Kg	☼	09/30/25 16:49	10/01/25 09:36	1
Endosulfan I	0.0074	U	0.0074	0.0011	mg/Kg	☼	09/30/25 16:49	10/01/25 09:36	1
Endosulfan II	0.0074	U	0.0074	0.0019	mg/Kg	☼	09/30/25 16:49	10/01/25 09:36	1
Endosulfan sulfate	0.0074	U	0.0074	0.00093	mg/Kg	☼	09/30/25 16:49	10/01/25 09:36	1
Endrin	0.0074	U	0.0074	0.0011	mg/Kg	☼	09/30/25 16:49	10/01/25 09:36	1
Endrin aldehyde	0.0074	U	0.0074	0.0018	mg/Kg	☼	09/30/25 16:49	10/01/25 09:36	1
Endrin ketone	0.0074	U	0.0074	0.0014	mg/Kg	☼	09/30/25 16:49	10/01/25 09:36	1
gamma-BHC (Lindane)	0.0022	U	0.0022	0.00069	mg/Kg	☼	09/30/25 16:49	10/01/25 09:36	1
Heptachlor	0.0074	U	0.0074	0.00088	mg/Kg	☼	09/30/25 16:49	10/01/25 09:36	1
Heptachlor epoxide	0.0074	U	0.0074	0.0011	mg/Kg	☼	09/30/25 16:49	10/01/25 09:36	1

Client Sample ID: 59C_0-6

Date Collected: 09/29/25 11:50
Date Received: 09/29/25 15:30

Lab Sample ID: 460-335975-5

Matrix: Solid
Percent Solids: 90.1

Method: SW846 8081B - Organochlorine Pesticides (GC) (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Methoxychlor	0.0074	U	0.0074	0.0017	mg/Kg	☼	09/30/25 16:49	10/01/25 09:36	1
Toxaphene	0.074	U	0.074	0.027	mg/Kg	☼	09/30/25 16:49	10/01/25 09:36	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
DCB Decachlorobiphenyl	*101*		*10 - 150*	*09/30/25 16:49*	*10/01/25 09:36*	*1*
DCB Decachlorobiphenyl	*114*		*10 - 150*	*09/30/25 16:49*	*10/01/25 09:36*	*1*
Tetrachloro-m-xylene	*97*		*14 - 150*	*09/30/25 16:49*	*10/01/25 09:36*	*1*
Tetrachloro-m-xylene	*93*		*14 - 150*	*09/30/25 16:49*	*10/01/25 09:36*	*1*

Method: SW846 8082A - Polychlorinated Biphenyls (PCBs) by Gas Chromatography

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Aroclor 1016	0.074	U	0.074	0.020	mg/Kg	☼	09/30/25 16:45	10/01/25 13:26	1
Aroclor 1221	0.074	U	0.074	0.020	mg/Kg	☼	09/30/25 16:45	10/01/25 13:26	1
Aroclor 1232	0.074	U	0.074	0.020	mg/Kg	☼	09/30/25 16:45	10/01/25 13:26	1
Aroclor 1242	0.074	U	0.074	0.020	mg/Kg	☼	09/30/25 16:45	10/01/25 13:26	1
Aroclor 1248	0.074	U	0.074	0.020	mg/Kg	☼	09/30/25 16:45	10/01/25 13:26	1
Aroclor 1254	0.074	U	0.074	0.020	mg/Kg	☼	09/30/25 16:45	10/01/25 13:26	1
Aroclor 1260	0.074	U	0.074	0.020	mg/Kg	☼	09/30/25 16:45	10/01/25 13:26	1
Aroclor-1262	0.074	U	0.074	0.020	mg/Kg	☼	09/30/25 16:45	10/01/25 13:26	1
Aroclor 1268	0.074	U	0.074	0.020	mg/Kg	☼	09/30/25 16:45	10/01/25 13:26	1
Polychlorinated biphenyls, Total	0.074	U	0.074	0.020	mg/Kg	☼	09/30/25 16:45	10/01/25 13:26	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
DCB Decachlorobiphenyl	*94*		*10 - 150*	*09/30/25 16:45*	*10/01/25 13:26*	*1*
DCB Decachlorobiphenyl	*106*		*10 - 150*	*09/30/25 16:45*	*10/01/25 13:26*	*1*
Tetrachloro-m-xylene	*100*		*10 - 150*	*09/30/25 16:45*	*10/01/25 13:26*	*1*
Tetrachloro-m-xylene	*104*		*10 - 150*	*09/30/25 16:45*	*10/01/25 13:26*	*1*

Method: EPA 1633A - Per- and Polyfluoroalkyl Substances by LC/MS/MS, 1633A

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Perfluorobutanoic acid (PFBA)	0.38	U	0.38	0.096	ug/Kg	☼	10/03/25 14:04	10/06/25 11:03	1
Perfluoropentanoic acid (PFPeA)	0.19	U	0.19	0.096	ug/Kg	☼	10/03/25 14:04	10/06/25 11:03	1
Perfluorohexanoic acid (PFHxA)	0.19	U	0.19	0.096	ug/Kg	☼	10/03/25 14:04	10/06/25 11:03	1
Perfluoroheptanoic acid (PFHpA)	**0.10**	**J**	0.19	0.096	ug/Kg	☼	10/03/25 14:04	10/06/25 11:03	1
Perfluorooctanoic acid (PFOA)	**0.14**	**J**	0.19	0.057	ug/Kg	☼	10/03/25 14:04	10/06/25 11:03	1
Perfluorononanoic acid (PFNA)	**0.47**		0.19	0.096	ug/Kg	☼	10/03/25 14:04	10/06/25 11:03	1
Perfluorodecanoic acid (PFDA)	**0.52**		0.19	0.057	ug/Kg	☼	10/03/25 14:04	10/06/25 11:03	1
Perfluoroundecanoic acid (PFUnA)	**2.28**		0.19	0.096	ug/Kg	☼	10/03/25 14:04	10/06/25 11:03	1
Perfluorododecanoic acid (PFDoA)	**0.44**		0.19	0.096	ug/Kg	☼	10/03/25 14:04	10/06/25 11:03	1
Perfluorotridecanoic acid (PFTrDA)	**1.86**		0.19	0.096	ug/Kg	☼	10/03/25 14:04	10/06/25 11:03	1
Perfluorotetradecanoic acid (PFTeDA)	**0.10**	**J**	0.19	0.096	ug/Kg	☼	10/03/25 14:04	10/06/25 11:03	1
Perfluorobutanesulfonic acid (PFBS)	0.19	U	0.19	0.096	ug/Kg	☼	10/03/25 14:04	10/06/25 11:03	1
Perfluoropentanesulfonic acid (PFPeS)	0.19	U	0.19	0.096	ug/Kg	☼	10/03/25 14:04	10/06/25 11:03	1
Perfluorohexanesulfonic acid (PFHxS)	0.19	U	0.19	0.096	ug/Kg	☼	10/03/25 14:04	10/06/25 11:03	1
Perfluoroheptanesulfonic acid (PFHpS)	0.19	U	0.19	0.096	ug/Kg	☼	10/03/25 14:04	10/06/25 11:03	1
Perfluorooctanesulfonic acid (PFOS)	0.19	U	0.19	0.096	ug/Kg	☼	10/03/25 14:04	10/06/25 11:03	1

Client Sample ID: 59C_0-6
Date Collected: 09/29/25 11:50
Date Received: 09/29/25 15:30

Lab Sample ID: 460-335975-5
Matrix: Solid
Percent Solids: 90.1

Method: EPA 1633A - Per- and Polyfluoroalkyl Substances by LC/MS/MS, 1633A (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Perfluorononanesulfonic acid (PFNS)	0.19	U	0.19	0.096	ug/Kg	☼	10/03/25 14:04	10/06/25 11:03	1
Perfluorodecanesulfonic acid (PFDS)	0.19	U	0.19	0.096	ug/Kg	☼	10/03/25 14:04	10/06/25 11:03	1
Perfluorododecanesulfonic acid (PFDoS)	0.19	U	0.19	0.096	ug/Kg	☼	10/03/25 14:04	10/06/25 11:03	1
1H,1H,2H,2H-Perfluorohexane sulfonic acid (4:2 FTS)	0.38	U	0.38	0.19	ug/Kg	☼	10/03/25 14:04	10/06/25 11:03	1
1H,1H,2H,2H-Perfluorooctane sulfonic acid (6:2 FTS)	0.38	U	0.38	0.19	ug/Kg	☼	10/03/25 14:04	10/06/25 11:03	1
1H,1H,2H,2H-Perfluorodecane sulfonic acid (8:2 FTS)	**0.24**	**J**	0.38	0.19	ug/Kg	☼	10/03/25 14:04	10/06/25 11:03	1
Perfluorooctanesulfonamide (PFOSA)	0.19	U	0.19	0.096	ug/Kg	☼	10/03/25 14:04	10/06/25 11:03	1
N-methylperfluorooctane sulfonamide (NMeFOSA)	0.19	U	0.19	0.096	ug/Kg	☼	10/03/25 14:04	10/06/25 11:03	1
N-ethylperfluorooctane sulfonamide (NEtFOSA)	0.19	U	0.19	0.096	ug/Kg	☼	10/03/25 14:04	10/06/25 11:03	1
N-methylperfluorooctanesulfonamidoacetic acid (NMeFOSAA)	0.19	U	0.19	0.096	ug/Kg	☼	10/03/25 14:04	10/06/25 11:03	1
N-ethylperfluorooctanesulfonamidoacetic acid (NEtFOSAA)	0.19	U	0.19	0.096	ug/Kg	☼	10/03/25 14:04	10/06/25 11:03	1
N-methylperfluorooctane sulfonamidoethanol (NMeFOSE)	0.96	U	0.96	0.48	ug/Kg	☼	10/03/25 14:04	10/06/25 11:03	1
N-ethylperfluorooctane sulfonamidoethanol (NEtFOSE)	0.96	U	0.96	0.48	ug/Kg	☼	10/03/25 14:04	10/06/25 11:03	1
Hexafluoropropylene Oxide Dimer Acid (HFPO-DA)	0.19	U	0.19	0.096	ug/Kg	☼	10/03/25 14:04	10/06/25 11:03	1
4,8-Dioxa-3H-perfluorononanoic acid (ADONA)	0.19	U	0.19	0.096	ug/Kg	☼	10/03/25 14:04	10/06/25 11:03	1
Perfluoro-3-methoxypropanoic acid (PFMPA)	0.19	U	0.19	0.096	ug/Kg	☼	10/03/25 14:04	10/06/25 11:03	1
Perfluoro-4-methoxybutanoic acid (PFMBA)	0.19	U	0.19	0.096	ug/Kg	☼	10/03/25 14:04	10/06/25 11:03	1
Nonafluoro-3,6-dioxaheptanoic acid (NFDHA)	0.19	U	0.19	0.096	ug/Kg	☼	10/03/25 14:04	10/06/25 11:03	1
9-Chlorohexadecafluoro-3-oxanonane-1-sulfonic acid (9Cl-PF3ONS)	0.19	U	0.19	0.096	ug/Kg	☼	10/03/25 14:04	10/06/25 11:03	1
11-Chloroeicosafluoro-3-oxaundecane-1-sulfonic acid (11Cl-PF3OUdS)	0.19	U	0.19	0.096	ug/Kg	☼	10/03/25 14:04	10/06/25 11:03	1
Perfluoro (2-ethoxyethane) sulfonic acid (PFEESA)	0.19	U	0.19	0.096	ug/Kg	☼	10/03/25 14:04	10/06/25 11:03	1
3-Perfluoropropylpropanoic acid (3:3 FTCA)	0.38	U	0.38	0.19	ug/Kg	☼	10/03/25 14:04	10/06/25 11:03	1
3-Perfluoropentylpropanoic acid (5:3 FTCA)	0.96	U	0.96	0.48	ug/Kg	☼	10/03/25 14:04	10/06/25 11:03	1
3-Perfluoroheptylpropanoic acid (7:3 FTCA)	0.96	U	0.96	0.48	ug/Kg	☼	10/03/25 14:04	10/06/25 11:03	1

Isotope Dilution	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
13C4 PFBA	*81.7*		*8 - 130*	*10/03/25 14:04*	*10/06/25 11:03*	*1*
13C5 PFPeA	*88.5*		*35 - 130*	*10/03/25 14:04*	*10/06/25 11:03*	*1*
13C5 PFHxA	*77.6*		*40 - 130*	*10/03/25 14:04*	*10/06/25 11:03*	*1*
13C4 PFHpA	*82.4*		*40 - 130*	*10/03/25 14:04*	*10/06/25 11:03*	*1*
13C8 PFOA	*83.9*		*40 - 130*	*10/03/25 14:04*	*10/06/25 11:03*	*1*
13C9 PFNA	*84.3*		*40 - 130*	*10/03/25 14:04*	*10/06/25 11:03*	*1*
13C6 PFDA	*86.1*		*40 - 130*	*10/03/25 14:04*	*10/06/25 11:03*	*1*
13C7 PFUnA	*74.6*		*40 - 130*	*10/03/25 14:04*	*10/06/25 11:03*	*1*

Client Sample ID: 59C_0-6
Date Collected: 09/29/25 11:50
Date Received: 09/29/25 15:30

Lab Sample ID: 460-335975-5
Matrix: Solid
Percent Solids: 90.1

Method: EPA 1633A - Per- and Polyfluoroalkyl Substances by LC/MS/MS, 1633A (Continued)

Isotope Dilution	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
13C2 PFTeDA	74.9		20 - 130	10/03/25 14:04	10/06/25 11:03	1
13C3 PFBS	76.3		40 - 135	10/03/25 14:04	10/06/25 11:03	1
13C3 PFHxS	79.8		40 - 130	10/03/25 14:04	10/06/25 11:03	1
13C8 PFOS	82.8		40 - 130	10/03/25 14:04	10/06/25 11:03	1
13C8 FOSA	91.7		40 - 130	10/03/25 14:04	10/06/25 11:03	1
d3-NMeFOSAA	109		40 - 135	10/03/25 14:04	10/06/25 11:03	1
d5-NEtFOSAA	111		40 - 150	10/03/25 14:04	10/06/25 11:03	1
13C2 4:2 FTS	108		40 - 165	10/03/25 14:04	10/06/25 11:03	1
13C2 6:2 FTS	113		40 - 215	10/03/25 14:04	10/06/25 11:03	1
13C2 8:2 FTS	154		40 - 275	10/03/25 14:04	10/06/25 11:03	1
13C3 HFPO-DA	75.0		40 - 130	10/03/25 14:04	10/06/25 11:03	1
d7-N-MeFOSE-M	80.5		20 - 130	10/03/25 14:04	10/06/25 11:03	1
d9-N-EtFOSE-M	68.3		15 - 130	10/03/25 14:04	10/06/25 11:03	1
d5-NEtPFOSA	52.1		10 - 130	10/03/25 14:04	10/06/25 11:03	1
d3-NMePFOSA	60.9		10 - 130	10/03/25 14:04	10/06/25 11:03	1
13C2 PFDoA	69.7		40 - 130	10/03/25 14:04	10/06/25 11:03	1

Method: SW846 6020B - Metals (ICP/MS)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Aluminum	9520		17.1	4.7	mg/Kg	☼	10/03/25 19:40	10/05/25 13:56	1
Antimony	1.4		0.85	0.12	mg/Kg	☼	10/03/25 19:40	10/05/25 13:56	1
Arsenic	5.8		0.85	0.088	mg/Kg	☼	10/03/25 19:40	10/05/25 13:56	1
Barium	72.0		1.7	0.12	mg/Kg	☼	10/03/25 19:40	10/05/25 13:56	1
Beryllium	0.68		0.34	0.019	mg/Kg	☼	10/03/25 19:40	10/05/25 13:56	1
Cadmium	0.37	J	0.85	0.096	mg/Kg	☼	10/03/25 19:40	10/05/25 13:56	1
Calcium	7500		85.3	8.3	mg/Kg	☼	10/03/25 19:40	10/05/25 13:56	1
Chromium	20.7		1.7	0.25	mg/Kg	☼	10/03/25 19:40	10/05/25 13:56	1
Cobalt	7.7		0.85	0.13	mg/Kg	☼	10/03/25 19:40	10/05/25 13:56	1
Copper	35.7		1.7	0.31	mg/Kg	☼	10/03/25 19:40	10/05/25 13:56	1
Iron	24300		51.2	6.5	mg/Kg	☼	10/03/25 19:40	10/05/25 13:56	1
Lead	234		0.51	0.17	mg/Kg	☼	10/03/25 19:40	10/05/25 13:56	1
Magnesium	5580		85.3	8.7	mg/Kg	☼	10/03/25 19:40	10/05/25 13:56	1
Manganese	312		3.4	0.34	mg/Kg	☼	10/03/25 19:40	10/05/25 13:56	1
Nickel	43.5		1.7	0.15	mg/Kg	☼	10/03/25 19:40	10/05/25 13:56	1
Potassium	1440		85.3	13.8	mg/Kg	☼	10/03/25 19:40	10/05/25 13:56	1
Selenium	0.18	J	1.1	0.11	mg/Kg	☼	10/03/25 19:40	10/05/25 13:56	1
Silver	0.18	J	0.34	0.076	mg/Kg	☼	10/03/25 19:40	10/05/25 13:56	1
Sodium	145		85.3	39.0	mg/Kg	☼	10/03/25 19:40	10/05/25 13:56	1
Thallium	0.12	J	0.34	0.035	mg/Kg	☼	10/03/25 19:40	10/05/25 13:56	1
Vanadium	28.2		1.7	0.18	mg/Kg	☼	10/03/25 19:40	10/05/25 13:56	1
Zinc	95.2		6.8	0.93	mg/Kg	☼	10/03/25 19:40	10/05/25 13:56	1

Method: SW846 7471B - Mercury (CVAA)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	0.030		0.019	0.0089	mg/Kg	☼	10/06/25 01:04	10/06/25 11:29	1

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Percent Moisture (EPA Moisture)	9.9		1.0	1.0	%			10/02/25 17:22	1
Percent Solids (EPA Moisture)	90.1		1.0	1.0	%			10/02/25 17:22	1

Client Sample ID: 59C_6-12
Date Collected: 09/29/25 11:55
Date Received: 09/29/25 15:30

Lab Sample ID: 460-335975-6
Matrix: Solid
Percent Solids: 90.3

Method: SW846 8270E - Semivolatile Organic Compounds (GC/MS)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1'-Biphenyl	0.36	U	0.36	0.013	mg/Kg	☼	09/30/25 22:25	10/01/25 10:19	1
1,2,4,5-Tetrachlorobenzene	0.36	U	0.36	0.011	mg/Kg	☼	09/30/25 22:25	10/01/25 10:19	1
1,4-Dioxane	0.036	U	0.036	0.032	mg/Kg	☼	09/30/25 22:25	10/01/25 10:19	1
2,2'-oxybis[1-chloropropane]	0.36	U	0.36	0.022	mg/Kg	☼	09/30/25 22:25	10/01/25 10:19	1
2,3,4,6-Tetrachlorophenol	0.36	U	0.36	0.025	mg/Kg	☼	09/30/25 22:25	10/01/25 10:19	1
2,4,5-Trichlorophenol	0.36	U	0.36	0.037	mg/Kg	☼	09/30/25 22:25	10/01/25 10:19	1
2,4,6-Trichlorophenol	0.15	U	0.15	0.046	mg/Kg	☼	09/30/25 22:25	10/01/25 10:19	1
2,4-Dichlorophenol	0.15	U	0.15	0.023	mg/Kg	☼	09/30/25 22:25	10/01/25 10:19	1
2,4-Dimethylphenol	0.36	U	0.36	0.043	mg/Kg	☼	09/30/25 22:25	10/01/25 10:19	1
2,4-Dinitrophenol	0.29	U	0.29	0.18	mg/Kg	☼	09/30/25 22:25	10/01/25 10:19	1
2,4-Dinitrotoluene	0.073	U	0.073	0.039	mg/Kg	☼	09/30/25 22:25	10/01/25 10:19	1
2,6-Dinitrotoluene	0.073	U	0.073	0.026	mg/Kg	☼	09/30/25 22:25	10/01/25 10:19	1
2-Chloronaphthalene	0.36	U	0.36	0.047	mg/Kg	☼	09/30/25 22:25	10/01/25 10:19	1
2-Chlorophenol	0.36	U	0.36	0.013	mg/Kg	☼	09/30/25 22:25	10/01/25 10:19	1
2-Methylnaphthalene	0.36	U	0.36	0.010	mg/Kg	☼	09/30/25 22:25	10/01/25 10:19	1
2-Methylphenol	0.36	U	0.36	0.014	mg/Kg	☼	09/30/25 22:25	10/01/25 10:19	1
2-Nitroaniline	0.36	U	0.36	0.028	mg/Kg	☼	09/30/25 22:25	10/01/25 10:19	1
2-Nitrophenol	0.36	U	0.36	0.036	mg/Kg	☼	09/30/25 22:25	10/01/25 10:19	1
3 & 4 Methylphenol	0.36	U	0.36	0.023	mg/Kg	☼	09/30/25 22:25	10/01/25 10:19	1
3,3'-Dichlorobenzidine	0.15	U	0.15	0.055	mg/Kg	☼	09/30/25 22:25	10/01/25 10:19	1
3-Nitroaniline	0.36	U	0.36	0.086	mg/Kg	☼	09/30/25 22:25	10/01/25 10:19	1
4,6-Dinitro-2-methylphenol	0.29	U	0.29	0.15	mg/Kg	☼	09/30/25 22:25	10/01/25 10:19	1
4-Bromophenyl phenyl ether	0.36	U	0.36	0.014	mg/Kg	☼	09/30/25 22:25	10/01/25 10:19	1
4-Chloro-3-methylphenol	0.36	U	0.36	0.020	mg/Kg	☼	09/30/25 22:25	10/01/25 10:19	1
4-Chloroaniline	0.36	U	0.36	0.064	mg/Kg	☼	09/30/25 22:25	10/01/25 10:19	1
4-Chlorophenyl phenyl ether	0.36	U	0.36	0.013	mg/Kg	☼	09/30/25 22:25	10/01/25 10:19	1
4-Methylphenol	0.36	U	0.36	0.023	mg/Kg	☼	09/30/25 22:25	10/01/25 10:19	1
4-Nitroaniline	0.36	U	0.36	0.092	mg/Kg	☼	09/30/25 22:25	10/01/25 10:19	1
4-Nitrophenol	0.73	U	0.73	0.059	mg/Kg	☼	09/30/25 22:25	10/01/25 10:19	1
Acenaphthene	0.36	U	0.36	0.010	mg/Kg	☼	09/30/25 22:25	10/01/25 10:19	1
Acenaphthylene	0.36	U	0.36	0.010	mg/Kg	☼	09/30/25 22:25	10/01/25 10:19	1
Acetophenone	0.36	U	0.36	0.018	mg/Kg	☼	09/30/25 22:25	10/01/25 10:19	1
Anthracene	0.36	U	0.36	0.011	mg/Kg	☼	09/30/25 22:25	10/01/25 10:19	1
Atrazine	0.15	U	0.15	0.021	mg/Kg	☼	09/30/25 22:25	10/01/25 10:19	1
Benzaldehyde	0.36	U	0.36	0.060	mg/Kg	☼	09/30/25 22:25	10/01/25 10:19	1
Benzo[a]anthracene	0.036	U	0.036	0.027	mg/Kg	☼	09/30/25 22:25	10/01/25 10:19	1
Benzo[a]pyrene	0.036	U	0.036	0.0096	mg/Kg	☼	09/30/25 22:25	10/01/25 10:19	1
Benzo[b]fluoranthene	0.036	U	0.036	0.0094	mg/Kg	☼	09/30/25 22:25	10/01/25 10:19	1
Benzo[g,h,i]perylene	0.36	U	0.36	0.011	mg/Kg	☼	09/30/25 22:25	10/01/25 10:19	1
Benzo[k]fluoranthene	0.036	U	0.036	0.0071	mg/Kg	☼	09/30/25 22:25	10/01/25 10:19	1
Bis(2-chloroethoxy)methane	0.36	U	0.36	0.067	mg/Kg	☼	09/30/25 22:25	10/01/25 10:19	1
Bis(2-chloroethyl)ether	0.036	U	0.036	0.013	mg/Kg	☼	09/30/25 22:25	10/01/25 10:19	1
Bis(2-ethylhexyl) phthalate	0.36	U	0.36	0.019	mg/Kg	☼	09/30/25 22:25	10/01/25 10:19	1
Butyl benzyl phthalate	0.36	U	0.36	0.017	mg/Kg	☼	09/30/25 22:25	10/01/25 10:19	1
Caprolactam	0.36	U	0.36	0.056	mg/Kg	☼	09/30/25 22:25	10/01/25 10:19	1
Carbazole	0.36	U	0.36	0.014	mg/Kg	☼	09/30/25 22:25	10/01/25 10:19	1
Chrysene	0.36	U	0.36	0.015	mg/Kg	☼	09/30/25 22:25	10/01/25 10:19	1
Dibenz(a,h)anthracene	0.036	U	0.036	0.016	mg/Kg	☼	09/30/25 22:25	10/01/25 10:19	1
Dibenzofuran	0.36	U	0.36	0.012	mg/Kg	☼	09/30/25 22:25	10/01/25 10:19	1

Client Sample ID: 59C_6-12

Date Collected: 09/29/25 11:55
Date Received: 09/29/25 15:30

Lab Sample ID: 460-335975-6

Matrix: Solid
Percent Solids: 90.3

Method: SW846 8270E - Semivolatile Organic Compounds (GC/MS) (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Diethyl phthalate	0.36	U	0.36	0.012	mg/Kg	☼	09/30/25 22:25	10/01/25 10:19	1
Dimethyl phthalate	0.36	U	0.36	0.082	mg/Kg	☼	09/30/25 22:25	10/01/25 10:19	1
Di-n-butyl phthalate	0.36	U	0.36	0.014	mg/Kg	☼	09/30/25 22:25	10/01/25 10:19	1
Di-n-octyl phthalate	0.36	U	0.36	0.019	mg/Kg	☼	09/30/25 22:25	10/01/25 10:19	1
Fluoranthene	0.36	U	0.36	0.013	mg/Kg	☼	09/30/25 22:25	10/01/25 10:19	1
Fluorene	0.36	U	0.36	0.011	mg/Kg	☼	09/30/25 22:25	10/01/25 10:19	1
Hexachlorobenzene	0.036	U	0.036	0.017	mg/Kg	☼	09/30/25 22:25	10/01/25 10:19	1
Hexachlorobutadiene	0.073	U	0.073	0.0077	mg/Kg	☼	09/30/25 22:25	10/01/25 10:19	1
Hexachlorocyclopentadiene	0.36	U	0.36	0.032	mg/Kg	☼	09/30/25 22:25	10/01/25 10:19	1
Hexachloroethane	0.036	U	0.036	0.012	mg/Kg	☼	09/30/25 22:25	10/01/25 10:19	1
Indeno[1,2,3-cd]pyrene	0.036	U	0.036	0.014	mg/Kg	☼	09/30/25 22:25	10/01/25 10:19	1
Isophorone	0.15	U	0.15	0.10	mg/Kg	☼	09/30/25 22:25	10/01/25 10:19	1
Naphthalene	0.36	U	0.36	0.0063	mg/Kg	☼	09/30/25 22:25	10/01/25 10:19	1
Nitrobenzene	0.036	U	0.036	0.020	mg/Kg	☼	09/30/25 22:25	10/01/25 10:19	1
N-Nitrosodi-n-propylamine	0.036	U	0.036	0.026	mg/Kg	☼	09/30/25 22:25	10/01/25 10:19	1
N-Nitrosodiphenylamine	0.36	U	0.36	0.030	mg/Kg	☼	09/30/25 22:25	10/01/25 10:19	1
Pentachlorophenol	0.29	U	0.29	0.074	mg/Kg	☼	09/30/25 22:25	10/01/25 10:19	1
Phenanthrene	0.36	U	0.36	0.015	mg/Kg	☼	09/30/25 22:25	10/01/25 10:19	1
Phenol	0.36	U	0.36	0.013	mg/Kg	☼	09/30/25 22:25	10/01/25 10:19	1
Pyrene	0.36	U	0.36	0.0090	mg/Kg	☼	09/30/25 22:25	10/01/25 10:19	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
2,4,6-Tribromophenol (Surr)	*57*		*18 - 137*	*09/30/25 22:25*	*10/01/25 10:19*	*1*
2-Fluorobiphenyl	*59*		*33 - 117*	*09/30/25 22:25*	*10/01/25 10:19*	*1*
2-Fluorophenol (Surr)	*64*		*24 - 120*	*09/30/25 22:25*	*10/01/25 10:19*	*1*
Nitrobenzene-d5 (Surr)	*62*		*27 - 120*	*09/30/25 22:25*	*10/01/25 10:19*	*1*
Phenol-d5 (Surr)	*63*		*28 - 118*	*09/30/25 22:25*	*10/01/25 10:19*	*1*
Terphenyl-d14 (Surr)	*67*		*33 - 124*	*09/30/25 22:25*	*10/01/25 10:19*	*1*

Method: SW846 8081B - Organochlorine Pesticides (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
4,4'-DDD	0.0074	U	0.0074	0.0013	mg/Kg	☼	09/30/25 16:49	10/01/25 09:49	1
4,4'-DDE	0.0074	U	0.0074	0.00087	mg/Kg	☼	09/30/25 16:49	10/01/25 09:49	1
4,4'-DDT	0.0074	U	0.0074	0.0014	mg/Kg	☼	09/30/25 16:49	10/01/25 09:49	1
Aldrin	0.0074	U	0.0074	0.0011	mg/Kg	☼	09/30/25 16:49	10/01/25 09:49	1
alpha-BHC	0.0022	U	0.0022	0.00075	mg/Kg	☼	09/30/25 16:49	10/01/25 09:49	1
beta-BHC	0.0022	U	0.0022	0.00083	mg/Kg	☼	09/30/25 16:49	10/01/25 09:49	1
Chlordane (technical)	0.074	U	0.074	0.018	mg/Kg	☼	09/30/25 16:49	10/01/25 09:49	1
cis-Chlordane	0.0074	U	0.0074	0.0012	mg/Kg	☼	09/30/25 16:49	10/01/25 09:49	1
delta-BHC	0.0022	U	0.0022	0.00045	mg/Kg	☼	09/30/25 16:49	10/01/25 09:49	1
Dieldrin	0.0022	U	0.0022	0.00096	mg/Kg	☼	09/30/25 16:49	10/01/25 09:49	1
Endosulfan I	0.0074	U	0.0074	0.0011	mg/Kg	☼	09/30/25 16:49	10/01/25 09:49	1
Endosulfan II	0.0074	U	0.0074	0.0019	mg/Kg	☼	09/30/25 16:49	10/01/25 09:49	1
Endosulfan sulfate	0.0074	U	0.0074	0.00093	mg/Kg	☼	09/30/25 16:49	10/01/25 09:49	1
Endrin	0.0074	U	0.0074	0.0011	mg/Kg	☼	09/30/25 16:49	10/01/25 09:49	1
Endrin aldehyde	0.0074	U	0.0074	0.0017	mg/Kg	☼	09/30/25 16:49	10/01/25 09:49	1
Endrin ketone	0.0074	U	0.0074	0.0014	mg/Kg	☼	09/30/25 16:49	10/01/25 09:49	1
gamma-BHC (Lindane)	0.0022	U	0.0022	0.00069	mg/Kg	☼	09/30/25 16:49	10/01/25 09:49	1
Heptachlor	0.0074	U	0.0074	0.00087	mg/Kg	☼	09/30/25 16:49	10/01/25 09:49	1
Heptachlor epoxide	0.0074	U	0.0074	0.0011	mg/Kg	☼	09/30/25 16:49	10/01/25 09:49	1

Client Sample ID: 59C_6-12

Date Collected: 09/29/25 11:55
Date Received: 09/29/25 15:30

Lab Sample ID: 460-335975-6

Matrix: Solid
Percent Solids: 90.3

Method: SW846 8081B - Organochlorine Pesticides (GC) (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Methoxychlor	0.0074	U	0.0074	0.0017	mg/Kg	☼	09/30/25 16:49	10/01/25 09:49	1
Toxaphene	0.074	U	0.074	0.027	mg/Kg	☼	09/30/25 16:49	10/01/25 09:49	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
DCB Decachlorobiphenyl	*93*		*10 - 150*	*09/30/25 16:49*	*10/01/25 09:49*	*1*
DCB Decachlorobiphenyl	*109*		*10 - 150*	*09/30/25 16:49*	*10/01/25 09:49*	*1*
Tetrachloro-m-xylene	*94*		*14 - 150*	*09/30/25 16:49*	*10/01/25 09:49*	*1*
Tetrachloro-m-xylene	*91*		*14 - 150*	*09/30/25 16:49*	*10/01/25 09:49*	*1*

Method: SW846 8082A - Polychlorinated Biphenyls (PCBs) by Gas Chromatography

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Aroclor 1016	0.074	U	0.074	0.020	mg/Kg	☼	09/30/25 16:45	10/01/25 13:43	1
Aroclor 1221	0.074	U	0.074	0.020	mg/Kg	☼	09/30/25 16:45	10/01/25 13:43	1
Aroclor 1232	0.074	U	0.074	0.020	mg/Kg	☼	09/30/25 16:45	10/01/25 13:43	1
Aroclor 1242	0.074	U	0.074	0.020	mg/Kg	☼	09/30/25 16:45	10/01/25 13:43	1
Aroclor 1248	0.074	U	0.074	0.020	mg/Kg	☼	09/30/25 16:45	10/01/25 13:43	1
Aroclor 1254	0.074	U	0.074	0.020	mg/Kg	☼	09/30/25 16:45	10/01/25 13:43	1
Aroclor 1260	0.074	U	0.074	0.020	mg/Kg	☼	09/30/25 16:45	10/01/25 13:43	1
Aroclor-1262	0.074	U	0.074	0.020	mg/Kg	☼	09/30/25 16:45	10/01/25 13:43	1
Aroclor 1268	0.074	U	0.074	0.020	mg/Kg	☼	09/30/25 16:45	10/01/25 13:43	1
Polychlorinated biphenyls, Total	0.074	U	0.074	0.020	mg/Kg	☼	09/30/25 16:45	10/01/25 13:43	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
DCB Decachlorobiphenyl	*89*		*10 - 150*	*09/30/25 16:45*	*10/01/25 13:43*	*1*
DCB Decachlorobiphenyl	*98*		*10 - 150*	*09/30/25 16:45*	*10/01/25 13:43*	*1*
Tetrachloro-m-xylene	*97*		*10 - 150*	*09/30/25 16:45*	*10/01/25 13:43*	*1*
Tetrachloro-m-xylene	*96*		*10 - 150*	*09/30/25 16:45*	*10/01/25 13:43*	*1*

Method: EPA 1633A - Per- and Polyfluoroalkyl Substances by LC/MS/MS, 1633A

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Perfluorobutanoic acid (PFBA)	0.39	U	0.39	0.097	ug/Kg	☼	10/03/25 14:04	10/04/25 10:42	1
Perfluoropentanoic acid (PFPeA)	0.19	U	0.19	0.097	ug/Kg	☼	10/03/25 14:04	10/04/25 10:42	1
Perfluorohexanoic acid (PFHxA)	0.19	U	0.19	0.097	ug/Kg	☼	10/03/25 14:04	10/04/25 10:42	1
Perfluoroheptanoic acid (PFHpA)	0.19	U	0.19	0.097	ug/Kg	☼	10/03/25 14:04	10/04/25 10:42	1
Perfluorooctanoic acid (PFOA)	0.19	U	0.19	0.058	ug/Kg	☼	10/03/25 14:04	10/04/25 10:42	1
Perfluorononanoic acid (PFNA)	**0.16**	**J**	0.19	0.097	ug/Kg	☼	10/03/25 14:04	10/04/25 10:42	1
Perfluorodecanoic acid (PFDA)	**0.16**	**J**	0.19	0.058	ug/Kg	☼	10/03/25 14:04	10/04/25 10:42	1
Perfluoroundecanoic acid (PFUnA)	**1.19**		0.19	0.097	ug/Kg	☼	10/03/25 14:04	10/04/25 10:42	1
Perfluorododecanoic acid (PFDoA)	**0.39**		0.19	0.097	ug/Kg	☼	10/03/25 14:04	10/04/25 10:42	1
Perfluorotridecanoic acid (PFTrDA)	**2.21**		0.19	0.097	ug/Kg	☼	10/03/25 14:04	10/04/25 10:42	1
Perfluorotetradecanoic acid (PFTeDA)	0.19	U	0.19	0.097	ug/Kg	☼	10/03/25 14:04	10/04/25 10:42	1
Perfluorobutanesulfonic acid (PFBS)	0.19	U	0.19	0.097	ug/Kg	☼	10/03/25 14:04	10/04/25 10:42	1
Perfluoropentanesulfonic acid (PFPeS)	0.19	U	0.19	0.097	ug/Kg	☼	10/03/25 14:04	10/04/25 10:42	1
Perfluorohexanesulfonic acid (PFHxS)	0.19	U	0.19	0.097	ug/Kg	☼	10/03/25 14:04	10/04/25 10:42	1
Perfluoroheptanesulfonic acid (PFHpS)	0.19	U	0.19	0.097	ug/Kg	☼	10/03/25 14:04	10/04/25 10:42	1
Perfluorooctanesulfonic acid (PFOS)	**0.13**	**J**	0.19	0.097	ug/Kg	☼	10/03/25 14:04	10/04/25 10:42	1

Client Sample ID: 59C_6-12
Date Collected: 09/29/25 11:55
Date Received: 09/29/25 15:30

Lab Sample ID: 460-335975-6
Matrix: Solid
Percent Solids: 90.3

Method: EPA 1633A - Per- and Polyfluoroalkyl Substances by LC/MS/MS, 1633A (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Perfluorononanesulfonic acid (PFNS)	0.19	U	0.19	0.097	ug/Kg	☼	10/03/25 14:04	10/04/25 10:42	1
Perfluorodecanesulfonic acid (PFDS)	0.19	U	0.19	0.097	ug/Kg	☼	10/03/25 14:04	10/04/25 10:42	1
Perfluorododecanesulfonic acid (PFDoS)	0.19	U	0.19	0.097	ug/Kg	☼	10/03/25 14:04	10/04/25 10:42	1
1H,1H,2H,2H-Perfluorohexane sulfonic acid (4:2 FTS)	0.39	U	0.39	0.19	ug/Kg	☼	10/03/25 14:04	10/04/25 10:42	1
1H,1H,2H,2H-Perfluorooctane sulfonic acid (6:2 FTS)	0.39	U	0.39	0.19	ug/Kg	☼	10/03/25 14:04	10/04/25 10:42	1
1H,1H,2H,2H-Perfluorodecane sulfonic acid (8:2 FTS)	0.39	U	0.39	0.19	ug/Kg	☼	10/03/25 14:04	10/04/25 10:42	1
Perfluorooctanesulfonamide (PFOSA)	0.19	U	0.19	0.097	ug/Kg	☼	10/03/25 14:04	10/04/25 10:42	1
N-methylperfluorooctane sulfonamide (NMeFOSA)	0.19	U	0.19	0.097	ug/Kg	☼	10/03/25 14:04	10/04/25 10:42	1
N-ethylperfluorooctane sulfonamide (NEtFOSA)	0.19	U	0.19	0.097	ug/Kg	☼	10/03/25 14:04	10/04/25 10:42	1
N-methylperfluorooctanesulfonamidoacetic acid (NMeFOSAA)	0.19	U	0.19	0.097	ug/Kg	☼	10/03/25 14:04	10/04/25 10:42	1
N-ethylperfluorooctanesulfonamidoacetic acid (NEtFOSAA)	0.19	U	0.19	0.097	ug/Kg	☼	10/03/25 14:04	10/04/25 10:42	1
N-methylperfluorooctane sulfonamidoethanol (NMeFOSE)	0.97	U	0.97	0.49	ug/Kg	☼	10/03/25 14:04	10/04/25 10:42	1
N-ethylperfluorooctane sulfonamidoethanol (NEtFOSE)	0.97	U	0.97	0.49	ug/Kg	☼	10/03/25 14:04	10/04/25 10:42	1
Hexafluoropropylene Oxide Dimer Acid (HFPO-DA)	0.19	U	0.19	0.097	ug/Kg	☼	10/03/25 14:04	10/04/25 10:42	1
4,8-Dioxa-3H-perfluorononanoic acid (ADONA)	0.19	U	0.19	0.097	ug/Kg	☼	10/03/25 14:04	10/04/25 10:42	1
Perfluoro-3-methoxypropanoic acid (PFMPA)	0.19	U	0.19	0.097	ug/Kg	☼	10/03/25 14:04	10/04/25 10:42	1
Perfluoro-4-methoxybutanoic acid (PFMBA)	0.19	U	0.19	0.097	ug/Kg	☼	10/03/25 14:04	10/04/25 10:42	1
Nonafluoro-3,6-dioxaheptanoic acid (NFDHA)	0.19	U	0.19	0.097	ug/Kg	☼	10/03/25 14:04	10/04/25 10:42	1
9-Chlorohexadecafluoro-3-oxanonane-1-sulfonic acid (9Cl-PF3ONS)	0.19	U	0.19	0.097	ug/Kg	☼	10/03/25 14:04	10/04/25 10:42	1
11-Chloroeicosafluoro-3-oxaundecane-1-sulfonic acid (11Cl-PF3OUdS)	0.19	U	0.19	0.097	ug/Kg	☼	10/03/25 14:04	10/04/25 10:42	1
Perfluoro (2-ethoxyethane) sulfonic acid (PFEESA)	0.19	U	0.19	0.097	ug/Kg	☼	10/03/25 14:04	10/04/25 10:42	1
3-Perfluoropropylpropanoic acid (3:3 FTCA)	0.39	U	0.39	0.19	ug/Kg	☼	10/03/25 14:04	10/04/25 10:42	1
3-Perfluoropentylpropanoic acid (5:3 FTCA)	0.97	U	0.97	0.49	ug/Kg	☼	10/03/25 14:04	10/04/25 10:42	1
3-Perfluoroheptylpropanoic acid (7:3 FTCA)	0.97	U	0.97	0.49	ug/Kg	☼	10/03/25 14:04	10/04/25 10:42	1

Isotope Dilution	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
13C4 PFBA	*89.2*		*8 - 130*	*10/03/25 14:04*	*10/04/25 10:42*	*1*
13C5 PFPeA	*88.3*		*35 - 130*	*10/03/25 14:04*	*10/04/25 10:42*	*1*
13C5 PFHxA	*85.3*		*40 - 130*	*10/03/25 14:04*	*10/04/25 10:42*	*1*
13C4 PFHpA	*86.8*		*40 - 130*	*10/03/25 14:04*	*10/04/25 10:42*	*1*
13C8 PFOA	*89.1*		*40 - 130*	*10/03/25 14:04*	*10/04/25 10:42*	*1*
13C9 PFNA	*89.4*		*40 - 130*	*10/03/25 14:04*	*10/04/25 10:42*	*1*
13C6 PFDA	*89.1*		*40 - 130*	*10/03/25 14:04*	*10/04/25 10:42*	*1*
13C7 PFUnA	*79.1*		*40 - 130*	*10/03/25 14:04*	*10/04/25 10:42*	*1*

Client Sample ID: 59C_6-12

Date Collected: 09/29/25 11:55
Date Received: 09/29/25 15:30

Lab Sample ID: 460-335975-6

Matrix: Solid
Percent Solids: 90.3

Method: EPA 1633A - Per- and Polyfluoroalkyl Substances by LC/MS/MS, 1633A (Continued)

Isotope Dilution	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
13C2 PFTeDA	81.7		20 - 130	10/03/25 14:04	10/04/25 10:42	1
13C3 PFBS	84.7		40 - 135	10/03/25 14:04	10/04/25 10:42	1
13C3 PFHxS	85.7		40 - 130	10/03/25 14:04	10/04/25 10:42	1
13C8 PFOS	85.8		40 - 130	10/03/25 14:04	10/04/25 10:42	1
13C8 FOSA	76.2		40 - 130	10/03/25 14:04	10/04/25 10:42	1
d3-NMeFOSAA	89.9		40 - 135	10/03/25 14:04	10/04/25 10:42	1
d5-NEtFOSAA	79.6		40 - 150	10/03/25 14:04	10/04/25 10:42	1
13C2 4:2 FTS	97.5		40 - 165	10/03/25 14:04	10/04/25 10:42	1
13C2 6:2 FTS	100		40 - 215	10/03/25 14:04	10/04/25 10:42	1
13C2 8:2 FTS	148		40 - 275	10/03/25 14:04	10/04/25 10:42	1
13C3 HFPO-DA	78.8		40 - 130	10/03/25 14:04	10/04/25 10:42	1
d7-N-MeFOSE-M	71.1		20 - 130	10/03/25 14:04	10/04/25 10:42	1
d9-N-EtFOSE-M	69.0		15 - 130	10/03/25 14:04	10/04/25 10:42	1
d5-NEtPFOSA	69.1		10 - 130	10/03/25 14:04	10/04/25 10:42	1
d3-NMePFOSA	73.4		10 - 130	10/03/25 14:04	10/04/25 10:42	1
13C2 PFDoA	77.9		40 - 130	10/03/25 14:04	10/04/25 10:42	1

Method: SW846 6020B - Metals (ICP/MS)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Aluminum	8520		17.6	4.8	mg/Kg	☼	10/03/25 19:40	10/05/25 13:59	1
Antimony	1.4		0.88	0.13	mg/Kg	☼	10/03/25 19:40	10/05/25 13:59	1
Arsenic	5.9		0.88	0.091	mg/Kg	☼	10/03/25 19:40	10/05/25 13:59	1
Barium	67.3		1.8	0.13	mg/Kg	☼	10/03/25 19:40	10/05/25 13:59	1
Beryllium	0.61		0.35	0.019	mg/Kg	☼	10/03/25 19:40	10/05/25 13:59	1
Cadmium	0.38	J	0.88	0.099	mg/Kg	☼	10/03/25 19:40	10/05/25 13:59	1
Calcium	6340		87.9	8.6	mg/Kg	☼	10/03/25 19:40	10/05/25 13:59	1
Chromium	18.5		1.8	0.26	mg/Kg	☼	10/03/25 19:40	10/05/25 13:59	1
Cobalt	6.9		0.88	0.13	mg/Kg	☼	10/03/25 19:40	10/05/25 13:59	1
Copper	33.0		1.8	0.32	mg/Kg	☼	10/03/25 19:40	10/05/25 13:59	1
Iron	22300		52.7	6.7	mg/Kg	☼	10/03/25 19:40	10/05/25 13:59	1
Lead	126		0.53	0.18	mg/Kg	☼	10/03/25 19:40	10/05/25 13:59	1
Magnesium	4740		87.9	9.0	mg/Kg	☼	10/03/25 19:40	10/05/25 13:59	1
Manganese	300		3.5	0.35	mg/Kg	☼	10/03/25 19:40	10/05/25 13:59	1
Nickel	16.4		1.8	0.16	mg/Kg	☼	10/03/25 19:40	10/05/25 13:59	1
Potassium	1320		87.9	14.2	mg/Kg	☼	10/03/25 19:40	10/05/25 13:59	1
Selenium	0.19	J	1.1	0.11	mg/Kg	☼	10/03/25 19:40	10/05/25 13:59	1
Silver	0.17	J	0.35	0.078	mg/Kg	☼	10/03/25 19:40	10/05/25 13:59	1
Sodium	122		87.9	40.2	mg/Kg	☼	10/03/25 19:40	10/05/25 13:59	1
Thallium	0.11	J	0.35	0.036	mg/Kg	☼	10/03/25 19:40	10/05/25 13:59	1
Vanadium	26.2		1.8	0.18	mg/Kg	☼	10/03/25 19:40	10/05/25 13:59	1
Zinc	84.4		7.0	0.96	mg/Kg	☼	10/03/25 19:40	10/05/25 13:59	1

Method: SW846 7471B - Mercury (CVAA)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	0.026		0.017	0.0082	mg/Kg	☼	10/06/25 01:04	10/06/25 11:32	1

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Percent Moisture (EPA Moisture)	9.7		1.0	1.0	%			10/02/25 17:22	1
Percent Solids (EPA Moisture)	90.3		1.0	1.0	%			10/02/25 17:22	1

Client Sample ID: 59D_0-6
Date Collected: 09/29/25 12:00
Date Received: 09/29/25 15:30

Lab Sample ID: 460-335975-7
Matrix: Solid
Percent Solids: 89.8

Method: SW846 8270E - Semivolatile Organic Compounds (GC/MS)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1'-Biphenyl	0.37	U	0.37	0.013	mg/Kg	☼	09/30/25 22:25	10/01/25 10:41	1
1,2,4,5-Tetrachlorobenzene	0.37	U	0.37	0.011	mg/Kg	☼	09/30/25 22:25	10/01/25 10:41	1
1,4-Dioxane	0.037	U	0.037	0.032	mg/Kg	☼	09/30/25 22:25	10/01/25 10:41	1
2,2'-oxybis[1-chloropropane]	0.37	U	0.37	0.022	mg/Kg	☼	09/30/25 22:25	10/01/25 10:41	1
2,3,4,6-Tetrachlorophenol	0.37	U	0.37	0.025	mg/Kg	☼	09/30/25 22:25	10/01/25 10:41	1
2,4,5-Trichlorophenol	0.37	U	0.37	0.037	mg/Kg	☼	09/30/25 22:25	10/01/25 10:41	1
2,4,6-Trichlorophenol	0.15	U	0.15	0.047	mg/Kg	☼	09/30/25 22:25	10/01/25 10:41	1
2,4-Dichlorophenol	0.15	U	0.15	0.024	mg/Kg	☼	09/30/25 22:25	10/01/25 10:41	1
2,4-Dimethylphenol	0.37	U	0.37	0.044	mg/Kg	☼	09/30/25 22:25	10/01/25 10:41	1
2,4-Dinitrophenol	0.29	U	0.29	0.18	mg/Kg	☼	09/30/25 22:25	10/01/25 10:41	1
2,4-Dinitrotoluene	0.074	U	0.074	0.039	mg/Kg	☼	09/30/25 22:25	10/01/25 10:41	1
2,6-Dinitrotoluene	0.074	U	0.074	0.026	mg/Kg	☼	09/30/25 22:25	10/01/25 10:41	1
2-Chloronaphthalene	0.37	U	0.37	0.047	mg/Kg	☼	09/30/25 22:25	10/01/25 10:41	1
2-Chlorophenol	0.37	U	0.37	0.013	mg/Kg	☼	09/30/25 22:25	10/01/25 10:41	1
2-Methylnaphthalene	0.37	U	0.37	0.010	mg/Kg	☼	09/30/25 22:25	10/01/25 10:41	1
2-Methylphenol	0.37	U	0.37	0.014	mg/Kg	☼	09/30/25 22:25	10/01/25 10:41	1
2-Nitroaniline	0.37	U	0.37	0.028	mg/Kg	☼	09/30/25 22:25	10/01/25 10:41	1
2-Nitrophenol	0.37	U	0.37	0.037	mg/Kg	☼	09/30/25 22:25	10/01/25 10:41	1
3 & 4 Methylphenol	0.37	U	0.37	0.023	mg/Kg	☼	09/30/25 22:25	10/01/25 10:41	1
3,3'-Dichlorobenzidine	0.15	U	0.15	0.055	mg/Kg	☼	09/30/25 22:25	10/01/25 10:41	1
3-Nitroaniline	0.37	U	0.37	0.087	mg/Kg	☼	09/30/25 22:25	10/01/25 10:41	1
4,6-Dinitro-2-methylphenol	0.29	U	0.29	0.15	mg/Kg	☼	09/30/25 22:25	10/01/25 10:41	1
4-Bromophenyl phenyl ether	0.37	U	0.37	0.015	mg/Kg	☼	09/30/25 22:25	10/01/25 10:41	1
4-Chloro-3-methylphenol	0.37	U	0.37	0.021	mg/Kg	☼	09/30/25 22:25	10/01/25 10:41	1
4-Chloroaniline	0.37	U	0.37	0.065	mg/Kg	☼	09/30/25 22:25	10/01/25 10:41	1
4-Chlorophenyl phenyl ether	0.37	U	0.37	0.013	mg/Kg	☼	09/30/25 22:25	10/01/25 10:41	1
4-Methylphenol	0.37	U	0.37	0.023	mg/Kg	☼	09/30/25 22:25	10/01/25 10:41	1
4-Nitroaniline	0.37	U	0.37	0.093	mg/Kg	☼	09/30/25 22:25	10/01/25 10:41	1
4-Nitrophenol	0.74	U	0.74	0.060	mg/Kg	☼	09/30/25 22:25	10/01/25 10:41	1
Acenaphthene	0.37	U	0.37	0.010	mg/Kg	☼	09/30/25 22:25	10/01/25 10:41	1
Acenaphthylene	0.37	U	0.37	0.010	mg/Kg	☼	09/30/25 22:25	10/01/25 10:41	1
Acetophenone	0.37	U	0.37	0.018	mg/Kg	☼	09/30/25 22:25	10/01/25 10:41	1
Anthracene	0.37	U	0.37	0.011	mg/Kg	☼	09/30/25 22:25	10/01/25 10:41	1
Atrazine	0.15	U	0.15	0.022	mg/Kg	☼	09/30/25 22:25	10/01/25 10:41	1
Benzaldehyde	0.37	U	0.37	0.061	mg/Kg	☼	09/30/25 22:25	10/01/25 10:41	1
Benzo[a]anthracene	0.037	U	0.037	0.028	mg/Kg	☼	09/30/25 22:25	10/01/25 10:41	1
Benzo[a]pyrene	0.037	U	0.037	0.0098	mg/Kg	☼	09/30/25 22:25	10/01/25 10:41	1
Benzo[b]fluoranthene	0.037	U	0.037	0.0095	mg/Kg	☼	09/30/25 22:25	10/01/25 10:41	1
Benzo[g,h,i]perylene	0.37	U	0.37	0.011	mg/Kg	☼	09/30/25 22:25	10/01/25 10:41	1
Benzo[k]fluoranthene	0.037	U	0.037	0.0072	mg/Kg	☼	09/30/25 22:25	10/01/25 10:41	1
Bis(2-chloroethoxy)methane	0.37	U	0.37	0.068	mg/Kg	☼	09/30/25 22:25	10/01/25 10:41	1
Bis(2-chloroethyl)ether	0.037	U	0.037	0.013	mg/Kg	☼	09/30/25 22:25	10/01/25 10:41	1
Bis(2-ethylhexyl) phthalate	0.37	U	0.37	0.019	mg/Kg	☼	09/30/25 22:25	10/01/25 10:41	1
Butyl benzyl phthalate	0.37	U	0.37	0.017	mg/Kg	☼	09/30/25 22:25	10/01/25 10:41	1
Caprolactam	0.37	U	0.37	0.057	mg/Kg	☼	09/30/25 22:25	10/01/25 10:41	1
Carbazole	0.37	U	0.37	0.014	mg/Kg	☼	09/30/25 22:25	10/01/25 10:41	1
Chrysene	0.37	U	0.37	0.015	mg/Kg	☼	09/30/25 22:25	10/01/25 10:41	1
Dibenz(a,h)anthracene	0.037	U	0.037	0.016	mg/Kg	☼	09/30/25 22:25	10/01/25 10:41	1
Dibenzofuran	0.37	U	0.37	0.012	mg/Kg	☼	09/30/25 22:25	10/01/25 10:41	1

Client Sample ID: 59D_0-6

Date Collected: 09/29/25 12:00
Date Received: 09/29/25 15:30

Lab Sample ID: 460-335975-7

Matrix: Solid
Percent Solids: 89.8

Method: SW846 8270E - Semivolatile Organic Compounds (GC/MS) (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Diethyl phthalate	0.37	U	0.37	0.012	mg/Kg	☼	09/30/25 22:25	10/01/25 10:41	1
Dimethyl phthalate	0.37	U	0.37	0.083	mg/Kg	☼	09/30/25 22:25	10/01/25 10:41	1
Di-n-butyl phthalate	0.37	U	0.37	0.014	mg/Kg	☼	09/30/25 22:25	10/01/25 10:41	1
Di-n-octyl phthalate	0.37	U	0.37	0.019	mg/Kg	☼	09/30/25 22:25	10/01/25 10:41	1
Fluoranthene	0.37	U	0.37	0.013	mg/Kg	☼	09/30/25 22:25	10/01/25 10:41	1
Fluorene	0.37	U	0.37	0.011	mg/Kg	☼	09/30/25 22:25	10/01/25 10:41	1
Hexachlorobenzene	0.037	U	0.037	0.017	mg/Kg	☼	09/30/25 22:25	10/01/25 10:41	1
Hexachlorobutadiene	0.074	U	0.074	0.0078	mg/Kg	☼	09/30/25 22:25	10/01/25 10:41	1
Hexachlorocyclopentadiene	0.37	U	0.37	0.032	mg/Kg	☼	09/30/25 22:25	10/01/25 10:41	1
Hexachloroethane	0.037	U	0.037	0.013	mg/Kg	☼	09/30/25 22:25	10/01/25 10:41	1
Indeno[1,2,3-cd]pyrene	0.037	U	0.037	0.014	mg/Kg	☼	09/30/25 22:25	10/01/25 10:41	1
Isophorone	0.15	U	0.15	0.11	mg/Kg	☼	09/30/25 22:25	10/01/25 10:41	1
Naphthalene	0.37	U	0.37	0.0063	mg/Kg	☼	09/30/25 22:25	10/01/25 10:41	1
Nitrobenzene	0.037	U	0.037	0.020	mg/Kg	☼	09/30/25 22:25	10/01/25 10:41	1
N-Nitrosodi-n-propylamine	0.037	U	0.037	0.027	mg/Kg	☼	09/30/25 22:25	10/01/25 10:41	1
N-Nitrosodiphenylamine	0.37	U	0.37	0.030	mg/Kg	☼	09/30/25 22:25	10/01/25 10:41	1
Pentachlorophenol	0.29	U	0.29	0.075	mg/Kg	☼	09/30/25 22:25	10/01/25 10:41	1
Phenanthrene	0.37	U	0.37	0.015	mg/Kg	☼	09/30/25 22:25	10/01/25 10:41	1
Phenol	0.37	U	0.37	0.013	mg/Kg	☼	09/30/25 22:25	10/01/25 10:41	1
Pyrene	0.37	U	0.37	0.0091	mg/Kg	☼	09/30/25 22:25	10/01/25 10:41	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
2,4,6-Tribromophenol (Surr)	*57*		*18 - 137*	*09/30/25 22:25*	*10/01/25 10:41*	*1*
2-Fluorobiphenyl	*60*		*33 - 117*	*09/30/25 22:25*	*10/01/25 10:41*	*1*
2-Fluorophenol (Surr)	*65*		*24 - 120*	*09/30/25 22:25*	*10/01/25 10:41*	*1*
Nitrobenzene-d5 (Surr)	*62*		*27 - 120*	*09/30/25 22:25*	*10/01/25 10:41*	*1*
Phenol-d5 (Surr)	*63*		*28 - 118*	*09/30/25 22:25*	*10/01/25 10:41*	*1*
Terphenyl-d14 (Surr)	*68*		*33 - 124*	*09/30/25 22:25*	*10/01/25 10:41*	*1*

Method: SW846 8081B - Organochlorine Pesticides (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
4,4'-DDD	0.0075	U	0.0075	0.0013	mg/Kg	☼	09/30/25 16:49	10/01/25 10:01	1
4,4'-DDE	0.0075	U	0.0075	0.00088	mg/Kg	☼	09/30/25 16:49	10/01/25 10:01	1
4,4'-DDT	0.0075	U	0.0075	0.0014	mg/Kg	☼	09/30/25 16:49	10/01/25 10:01	1
Aldrin	0.0075	U	0.0075	0.0011	mg/Kg	☼	09/30/25 16:49	10/01/25 10:01	1
alpha-BHC	0.0022	U	0.0022	0.00076	mg/Kg	☼	09/30/25 16:49	10/01/25 10:01	1
beta-BHC	0.0022	U	0.0022	0.00084	mg/Kg	☼	09/30/25 16:49	10/01/25 10:01	1
Chlordane (technical)	0.075	U	0.075	0.018	mg/Kg	☼	09/30/25 16:49	10/01/25 10:01	1
cis-Chlordane	0.0075	U	0.0075	0.0012	mg/Kg	☼	09/30/25 16:49	10/01/25 10:01	1
delta-BHC	0.0022	U	0.0022	0.00046	mg/Kg	☼	09/30/25 16:49	10/01/25 10:01	1
Dieldrin	0.0022	U	0.0022	0.00097	mg/Kg	☼	09/30/25 16:49	10/01/25 10:01	1
Endosulfan I	0.0075	U	0.0075	0.0011	mg/Kg	☼	09/30/25 16:49	10/01/25 10:01	1
Endosulfan II	0.0075	U	0.0075	0.0019	mg/Kg	☼	09/30/25 16:49	10/01/25 10:01	1
Endosulfan sulfate	0.0075	U	0.0075	0.00094	mg/Kg	☼	09/30/25 16:49	10/01/25 10:01	1
Endrin	0.0075	U	0.0075	0.0011	mg/Kg	☼	09/30/25 16:49	10/01/25 10:01	1
Endrin aldehyde	0.0075	U	0.0075	0.0018	mg/Kg	☼	09/30/25 16:49	10/01/25 10:01	1
Endrin ketone	0.0075	U	0.0075	0.0014	mg/Kg	☼	09/30/25 16:49	10/01/25 10:01	1
gamma-BHC (Lindane)	0.0022	U	0.0022	0.00069	mg/Kg	☼	09/30/25 16:49	10/01/25 10:01	1
Heptachlor	0.0075	U	0.0075	0.00088	mg/Kg	☼	09/30/25 16:49	10/01/25 10:01	1
Heptachlor epoxide	0.0075	U	0.0075	0.0011	mg/Kg	☼	09/30/25 16:49	10/01/25 10:01	1

Client Sample ID: 59D_0-6
Date Collected: 09/29/25 12:00
Date Received: 09/29/25 15:30

Lab Sample ID: 460-335975-7
Matrix: Solid
Percent Solids: 89.8

Method: SW846 8081B - Organochlorine Pesticides (GC) (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Methoxychlor	0.0075	U	0.0075	0.0017	mg/Kg	☼	09/30/25 16:49	10/01/25 10:01	1
Toxaphene	0.075	U	0.075	0.027	mg/Kg	☼	09/30/25 16:49	10/01/25 10:01	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
DCB Decachlorobiphenyl	*100*		*10 - 150*	*09/30/25 16:49*	*10/01/25 10:01*	*1*
DCB Decachlorobiphenyl	*120*		*10 - 150*	*09/30/25 16:49*	*10/01/25 10:01*	*1*
Tetrachloro-m-xylene	*92*		*14 - 150*	*09/30/25 16:49*	*10/01/25 10:01*	*1*
Tetrachloro-m-xylene	*104*		*14 - 150*	*09/30/25 16:49*	*10/01/25 10:01*	*1*

Method: SW846 8082A - Polychlorinated Biphenyls (PCBs) by Gas Chromatography

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Aroclor 1016	0.075	U	0.075	0.020	mg/Kg	☼	09/30/25 16:45	10/01/25 14:01	1
Aroclor 1221	0.075	U	0.075	0.020	mg/Kg	☼	09/30/25 16:45	10/01/25 14:01	1
Aroclor 1232	0.075	U	0.075	0.020	mg/Kg	☼	09/30/25 16:45	10/01/25 14:01	1
Aroclor 1242	0.075	U	0.075	0.020	mg/Kg	☼	09/30/25 16:45	10/01/25 14:01	1
Aroclor 1248	0.075	U	0.075	0.020	mg/Kg	☼	09/30/25 16:45	10/01/25 14:01	1
Aroclor 1254	0.075	U	0.075	0.020	mg/Kg	☼	09/30/25 16:45	10/01/25 14:01	1
Aroclor 1260	0.075	U	0.075	0.020	mg/Kg	☼	09/30/25 16:45	10/01/25 14:01	1
Aroclor-1262	0.075	U	0.075	0.020	mg/Kg	☼	09/30/25 16:45	10/01/25 14:01	1
Aroclor 1268	0.075	U	0.075	0.020	mg/Kg	☼	09/30/25 16:45	10/01/25 14:01	1
Polychlorinated biphenyls, Total	0.075	U	0.075	0.020	mg/Kg	☼	09/30/25 16:45	10/01/25 14:01	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
DCB Decachlorobiphenyl	*106*		*10 - 150*	*09/30/25 16:45*	*10/01/25 14:01*	*1*
DCB Decachlorobiphenyl	*118*		*10 - 150*	*09/30/25 16:45*	*10/01/25 14:01*	*1*
Tetrachloro-m-xylene	*114*		*10 - 150*	*09/30/25 16:45*	*10/01/25 14:01*	*1*
Tetrachloro-m-xylene	*117*		*10 - 150*	*09/30/25 16:45*	*10/01/25 14:01*	*1*

Method: EPA 1633A - Per- and Polyfluoroalkyl Substances by LC/MS/MS, 1633A

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Perfluorobutanoic acid (PFBA)	0.40	U	0.40	0.10	ug/Kg	☼	10/03/25 14:04	10/04/25 10:56	1
Perfluoropentanoic acid (PFPeA)	0.20	U	0.20	0.10	ug/Kg	☼	10/03/25 14:04	10/04/25 10:56	1
Perfluorohexanoic acid (PFHxA)	0.20	U	0.20	0.10	ug/Kg	☼	10/03/25 14:04	10/04/25 10:56	1
Perfluoroheptanoic acid (PFHpA)	0.20	U	0.20	0.10	ug/Kg	☼	10/03/25 14:04	10/04/25 10:56	1
Perfluorooctanoic acid (PFOA)	0.20	U	0.20	0.060	ug/Kg	☼	10/03/25 14:04	10/04/25 10:56	1
Perfluorononanoic acid (PFNA)	**0.62**		0.20	0.10	ug/Kg	☼	10/03/25 14:04	10/04/25 10:56	1
Perfluorodecanoic acid (PFDA)	**0.22**		0.20	0.060	ug/Kg	☼	10/03/25 14:04	10/04/25 10:56	1
Perfluoroundecanoic acid (PFUnA)	**2.21**		0.20	0.10	ug/Kg	☼	10/03/25 14:04	10/04/25 10:56	1
Perfluorododecanoic acid (PFDoA)	**0.28**		0.20	0.10	ug/Kg	☼	10/03/25 14:04	10/04/25 10:56	1
Perfluorotridecanoic acid (PFTrDA)	**1.72**		0.20	0.10	ug/Kg	☼	10/03/25 14:04	10/04/25 10:56	1
Perfluorotetradecanoic acid (PFTeDA)	0.20	U	0.20	0.10	ug/Kg	☼	10/03/25 14:04	10/04/25 10:56	1
Perfluorobutanesulfonic acid (PFBS)	0.20	U	0.20	0.10	ug/Kg	☼	10/03/25 14:04	10/04/25 10:56	1
Perfluoropentanesulfonic acid (PFPeS)	0.20	U	0.20	0.10	ug/Kg	☼	10/03/25 14:04	10/04/25 10:56	1
Perfluorohexanesulfonic acid (PFHxS)	0.20	U	0.20	0.10	ug/Kg	☼	10/03/25 14:04	10/04/25 10:56	1
Perfluoroheptanesulfonic acid (PFHpS)	0.20	U	0.20	0.10	ug/Kg	☼	10/03/25 14:04	10/04/25 10:56	1
Perfluorooctanesulfonic acid (PFOS)	0.20	U	0.20	0.10	ug/Kg	☼	10/03/25 14:04	10/04/25 10:56	1
Perfluorononanesulfonic acid (PFNS)	0.20	U	0.20	0.10	ug/Kg	☼	10/03/25 14:04	10/04/25 10:56	1

Client Sample ID: 59D_0-6
Date Collected: 09/29/25 12:00
Date Received: 09/29/25 15:30

Lab Sample ID: 460-335975-7
Matrix: Solid
Percent Solids: 89.8

Method: EPA 1633A - Per- and Polyfluoroalkyl Substances by LC/MS/MS, 1633A (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Perfluorodecanesulfonic acid (PFDS)	0.20	U	0.20	0.10	ug/Kg	☼	10/03/25 14:04	10/04/25 10:56	1
Perfluorododecanesulfonic acid (PFDoS)	0.20	U	0.20	0.10	ug/Kg	☼	10/03/25 14:04	10/04/25 10:56	1
1H,1H,2H,2H-Perfluorohexane sulfonic acid (4:2 FTS)	0.40	U	0.40	0.20	ug/Kg	☼	10/03/25 14:04	10/04/25 10:56	1
1H,1H,2H,2H-Perfluorooctane sulfonic acid (6:2 FTS)	0.40	U	0.40	0.20	ug/Kg	☼	10/03/25 14:04	10/04/25 10:56	1
1H,1H,2H,2H-Perfluorodecane sulfonic acid (8:2 FTS)	0.40	U	0.40	0.20	ug/Kg	☼	10/03/25 14:04	10/04/25 10:56	1
Perfluorooctanesulfonamide (PFOSA)	0.20	U	0.20	0.10	ug/Kg	☼	10/03/25 14:04	10/04/25 10:56	1
N-methylperfluorooctane sulfonamide (NMeFOSA)	0.20	U	0.20	0.10	ug/Kg	☼	10/03/25 14:04	10/04/25 10:56	1
N-ethylperfluorooctane sulfonamide (NEtFOSA)	0.20	U	0.20	0.10	ug/Kg	☼	10/03/25 14:04	10/04/25 10:56	1
N-methylperfluorooctanesulfonamidoacetic acid (NMeFOSAA)	0.20	U	0.20	0.10	ug/Kg	☼	10/03/25 14:04	10/04/25 10:56	1
N-ethylperfluorooctanesulfonamidoacetic acid (NEtFOSAA)	0.20	U	0.20	0.10	ug/Kg	☼	10/03/25 14:04	10/04/25 10:56	1
N-methylperfluorooctane sulfonamidoethanol (NMeFOSE)	1.0	U	1.0	0.50	ug/Kg	☼	10/03/25 14:04	10/04/25 10:56	1
N-ethylperfluorooctane sulfonamidoethanol (NEtFOSE)	1.0	U	1.0	0.50	ug/Kg	☼	10/03/25 14:04	10/04/25 10:56	1
Hexafluoropropylene Oxide Dimer Acid (HFPO-DA)	0.20	U	0.20	0.10	ug/Kg	☼	10/03/25 14:04	10/04/25 10:56	1
4,8-Dioxa-3H-perfluorononanoic acid (ADONA)	0.20	U	0.20	0.10	ug/Kg	☼	10/03/25 14:04	10/04/25 10:56	1
Perfluoro-3-methoxypropanoic acid (PFMPA)	0.20	U	0.20	0.10	ug/Kg	☼	10/03/25 14:04	10/04/25 10:56	1
Perfluoro-4-methoxybutanoic acid (PFMBA)	0.20	U	0.20	0.10	ug/Kg	☼	10/03/25 14:04	10/04/25 10:56	1
Nonafluoro-3,6-dioxaheptanoic acid (NFDHA)	0.20	U	0.20	0.10	ug/Kg	☼	10/03/25 14:04	10/04/25 10:56	1
9-Chlorohexadecafluoro-3-oxanonane-1-sulfonic acid (9Cl-PF3ONS)	0.20	U	0.20	0.10	ug/Kg	☼	10/03/25 14:04	10/04/25 10:56	1
11-Chloroeicosafluoro-3-oxaundecane-1-sulfonic acid (11Cl-PF3OUdS)	0.20	U	0.20	0.10	ug/Kg	☼	10/03/25 14:04	10/04/25 10:56	1
Perfluoro (2-ethoxyethane) sulfonic acid (PFEESA)	0.20	U	0.20	0.10	ug/Kg	☼	10/03/25 14:04	10/04/25 10:56	1
3-Perfluoropropylpropanoic acid (3:3 FTCA)	0.40	U	0.40	0.20	ug/Kg	☼	10/03/25 14:04	10/04/25 10:56	1
3-Perfluoropentylpropanoic acid (5:3 FTCA)	1.0	U	1.0	0.50	ug/Kg	☼	10/03/25 14:04	10/04/25 10:56	1
3-Perfluoroheptylpropanoic acid (7:3 FTCA)	1.0	U	1.0	0.50	ug/Kg	☼	10/03/25 14:04	10/04/25 10:56	1

Isotope Dilution	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
13C4 PFBA	*99.2*		*8 - 130*	*10/03/25 14:04*	*10/04/25 10:56*	*1*
13C5 PFPeA	*95.0*		*35 - 130*	*10/03/25 14:04*	*10/04/25 10:56*	*1*
13C5 PFHxA	*96.4*		*40 - 130*	*10/03/25 14:04*	*10/04/25 10:56*	*1*
13C4 PFHpA	*98.1*		*40 - 130*	*10/03/25 14:04*	*10/04/25 10:56*	*1*
13C8 PFOA	*96.6*		*40 - 130*	*10/03/25 14:04*	*10/04/25 10:56*	*1*
13C9 PFNA	*93.7*		*40 - 130*	*10/03/25 14:04*	*10/04/25 10:56*	*1*
13C6 PFDA	*95.0*		*40 - 130*	*10/03/25 14:04*	*10/04/25 10:56*	*1*
13C7 PFUnA	*88.3*		*40 - 130*	*10/03/25 14:04*	*10/04/25 10:56*	*1*
13C2 PFTeDA	*78.6*		*20 - 130*	*10/03/25 14:04*	*10/04/25 10:56*	*1*

Client Sample ID: 59D_0-6

Date Collected: 09/29/25 12:00
Date Received: 09/29/25 15:30

Lab Sample ID: 460-335975-7

Matrix: Solid
Percent Solids: 89.8

Method: EPA 1633A - Per- and Polyfluoroalkyl Substances by LC/MS/MS, 1633A (Continued)

Isotope Dilution	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
13C3 PFBS	91.1		40 - 135	10/03/25 14:04	10/04/25 10:56	1
13C3 PFHxS	88.6		40 - 130	10/03/25 14:04	10/04/25 10:56	1
13C8 PFOS	89.4		40 - 130	10/03/25 14:04	10/04/25 10:56	1
13C8 FOSA	70.2		40 - 130	10/03/25 14:04	10/04/25 10:56	1
d3-NMeFOSAA	83.3		40 - 135	10/03/25 14:04	10/04/25 10:56	1
d5-NEtFOSAA	77.5		40 - 150	10/03/25 14:04	10/04/25 10:56	1
13C2 4:2 FTS	107		40 - 165	10/03/25 14:04	10/04/25 10:56	1
13C2 6:2 FTS	112		40 - 215	10/03/25 14:04	10/04/25 10:56	1
13C2 8:2 FTS	168		40 - 275	10/03/25 14:04	10/04/25 10:56	1
13C3 HFPO-DA	92.3		40 - 130	10/03/25 14:04	10/04/25 10:56	1
d7-N-MeFOSE-M	61.9		20 - 130	10/03/25 14:04	10/04/25 10:56	1
d9-N-EtFOSE-M	56.7		15 - 130	10/03/25 14:04	10/04/25 10:56	1
d5-NEtPFOSA	62.0		10 - 130	10/03/25 14:04	10/04/25 10:56	1
d3-NMePFOSA	66.6		10 - 130	10/03/25 14:04	10/04/25 10:56	1
13C2 PFDoA	76.7		40 - 130	10/03/25 14:04	10/04/25 10:56	1

Method: SW846 6020B - Metals (ICP/MS)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Aluminum	7060		17.7	4.9	mg/Kg	☼	10/03/25 19:40	10/05/25 14:07	1
Antimony	1.2		0.88	0.13	mg/Kg	☼	10/03/25 19:40	10/05/25 14:07	1
Arsenic	6.3		0.88	0.091	mg/Kg	☼	10/03/25 19:40	10/05/25 14:07	1
Barium	55.0		1.8	0.13	mg/Kg	☼	10/03/25 19:40	10/05/25 14:07	1
Beryllium	0.61		0.35	0.019	mg/Kg	☼	10/03/25 19:40	10/05/25 14:07	1
Cadmium	0.25	J	0.88	0.10	mg/Kg	☼	10/03/25 19:40	10/05/25 14:07	1
Calcium	2590		88.4	8.6	mg/Kg	☼	10/03/25 19:40	10/05/25 14:07	1
Chromium	19.2		1.8	0.26	mg/Kg	☼	10/03/25 19:40	10/05/25 14:07	1
Cobalt	8.3		0.88	0.13	mg/Kg	☼	10/03/25 19:40	10/05/25 14:07	1
Copper	39.6		1.8	0.33	mg/Kg	☼	10/03/25 19:40	10/05/25 14:07	1
Iron	20900		53.0	6.8	mg/Kg	☼	10/03/25 19:40	10/05/25 14:07	1
Lead	132		0.53	0.18	mg/Kg	☼	10/03/25 19:40	10/05/25 14:07	1
Magnesium	2720		88.4	9.0	mg/Kg	☼	10/03/25 19:40	10/05/25 14:07	1
Manganese	217		3.5	0.36	mg/Kg	☼	10/03/25 19:40	10/05/25 14:07	1
Nickel	20.3		1.8	0.16	mg/Kg	☼	10/03/25 19:40	10/05/25 14:07	1
Potassium	1430		88.4	14.3	mg/Kg	☼	10/03/25 19:40	10/05/25 14:07	1
Selenium	0.20	J	1.1	0.11	mg/Kg	☼	10/03/25 19:40	10/05/25 14:07	1
Silver	0.14	J	0.35	0.079	mg/Kg	☼	10/03/25 19:40	10/05/25 14:07	1
Sodium	79.8	J	88.4	40.4	mg/Kg	☼	10/03/25 19:40	10/05/25 14:07	1
Thallium	0.094	J	0.35	0.036	mg/Kg	☼	10/03/25 19:40	10/05/25 14:07	1
Vanadium	26.0		1.8	0.18	mg/Kg	☼	10/03/25 19:40	10/05/25 14:07	1
Zinc	106		7.1	0.96	mg/Kg	☼	10/03/25 19:40	10/05/25 14:07	1

Method: SW846 7471B - Mercury (CVAA)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	0.052		0.018	0.0086	mg/Kg	☼	10/06/25 01:04	10/06/25 11:35	1

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Percent Moisture (EPA Moisture)	10.2		1.0	1.0	%			10/02/25 17:22	1
Percent Solids (EPA Moisture)	89.8		1.0	1.0	%			10/02/25 17:22	1

Client: Haley & Aldrich, Inc.
Project/Site: Former Port Mobil

Job ID: 460-335975-1

Client Sample ID: 59D_6-12
Date Collected: 09/29/25 12:05
Date Received: 09/29/25 15:30

Lab Sample ID: 460-335975-8
Matrix: Solid
Percent Solids: 89.9

Method: SW846 8270E - Semivolatile Organic Compounds (GC/MS)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1'-Biphenyl	0.37	U	0.37	0.013	mg/Kg	☼	09/30/25 22:25	10/01/25 11:04	1
1,2,4,5-Tetrachlorobenzene	0.37	U	0.37	0.011	mg/Kg	☼	09/30/25 22:25	10/01/25 11:04	1
1,4-Dioxane	0.037	U	0.037	0.032	mg/Kg	☼	09/30/25 22:25	10/01/25 11:04	1
2,2'-oxybis[1-chloropropane]	0.37	U	0.37	0.022	mg/Kg	☼	09/30/25 22:25	10/01/25 11:04	1
2,3,4,6-Tetrachlorophenol	0.37	U	0.37	0.025	mg/Kg	☼	09/30/25 22:25	10/01/25 11:04	1
2,4,5-Trichlorophenol	0.37	U	0.37	0.037	mg/Kg	☼	09/30/25 22:25	10/01/25 11:04	1
2,4,6-Trichlorophenol	0.15	U	0.15	0.047	mg/Kg	☼	09/30/25 22:25	10/01/25 11:04	1
2,4-Dichlorophenol	0.15	U	0.15	0.024	mg/Kg	☼	09/30/25 22:25	10/01/25 11:04	1
2,4-Dimethylphenol	0.37	U	0.37	0.044	mg/Kg	☼	09/30/25 22:25	10/01/25 11:04	1
2,4-Dinitrophenol	0.29	U	0.29	0.18	mg/Kg	☼	09/30/25 22:25	10/01/25 11:04	1
2,4-Dinitrotoluene	0.074	U	0.074	0.039	mg/Kg	☼	09/30/25 22:25	10/01/25 11:04	1
2,6-Dinitrotoluene	0.074	U	0.074	0.027	mg/Kg	☼	09/30/25 22:25	10/01/25 11:04	1
2-Chloronaphthalene	0.37	U	0.37	0.047	mg/Kg	☼	09/30/25 22:25	10/01/25 11:04	1
2-Chlorophenol	0.37	U	0.37	0.013	mg/Kg	☼	09/30/25 22:25	10/01/25 11:04	1
2-Methylnaphthalene	0.37	U	0.37	0.010	mg/Kg	☼	09/30/25 22:25	10/01/25 11:04	1
2-Methylphenol	0.37	U	0.37	0.014	mg/Kg	☼	09/30/25 22:25	10/01/25 11:04	1
2-Nitroaniline	0.37	U	0.37	0.028	mg/Kg	☼	09/30/25 22:25	10/01/25 11:04	1
2-Nitrophenol	0.37	U	0.37	0.037	mg/Kg	☼	09/30/25 22:25	10/01/25 11:04	1
3 & 4 Methylphenol	0.37	U	0.37	0.023	mg/Kg	☼	09/30/25 22:25	10/01/25 11:04	1
3,3'-Dichlorobenzidine	0.15	U	0.15	0.055	mg/Kg	☼	09/30/25 22:25	10/01/25 11:04	1
3-Nitroaniline	0.37	U	0.37	0.087	mg/Kg	☼	09/30/25 22:25	10/01/25 11:04	1
4,6-Dinitro-2-methylphenol	0.29	U	0.29	0.15	mg/Kg	☼	09/30/25 22:25	10/01/25 11:04	1
4-Bromophenyl phenyl ether	0.37	U	0.37	0.015	mg/Kg	☼	09/30/25 22:25	10/01/25 11:04	1
4-Chloro-3-methylphenol	0.37	U	0.37	0.021	mg/Kg	☼	09/30/25 22:25	10/01/25 11:04	1
4-Chloroaniline	0.37	U	0.37	0.065	mg/Kg	☼	09/30/25 22:25	10/01/25 11:04	1
4-Chlorophenyl phenyl ether	0.37	U	0.37	0.013	mg/Kg	☼	09/30/25 22:25	10/01/25 11:04	1
4-Methylphenol	0.37	U	0.37	0.023	mg/Kg	☼	09/30/25 22:25	10/01/25 11:04	1
4-Nitroaniline	0.37	U	0.37	0.093	mg/Kg	☼	09/30/25 22:25	10/01/25 11:04	1
4-Nitrophenol	0.74	U	0.74	0.060	mg/Kg	☼	09/30/25 22:25	10/01/25 11:04	1
Acenaphthene	0.37	U	0.37	0.010	mg/Kg	☼	09/30/25 22:25	10/01/25 11:04	1
Acenaphthylene	0.37	U	0.37	0.010	mg/Kg	☼	09/30/25 22:25	10/01/25 11:04	1
Acetophenone	0.37	U	0.37	0.018	mg/Kg	☼	09/30/25 22:25	10/01/25 11:04	1
Anthracene	0.37	U	0.37	0.011	mg/Kg	☼	09/30/25 22:25	10/01/25 11:04	1
Atrazine	0.15	U	0.15	0.022	mg/Kg	☼	09/30/25 22:25	10/01/25 11:04	1
Benzaldehyde	0.37	U	0.37	0.061	mg/Kg	☼	09/30/25 22:25	10/01/25 11:04	1
Benzo[a]anthracene	0.037	U	0.037	0.028	mg/Kg	☼	09/30/25 22:25	10/01/25 11:04	1
Benzo[a]pyrene	0.037	U	0.037	0.0098	mg/Kg	☼	09/30/25 22:25	10/01/25 11:04	1
Benzo[b]fluoranthene	0.037	U	0.037	0.0095	mg/Kg	☼	09/30/25 22:25	10/01/25 11:04	1
Benzo[g,h,i]perylene	0.37	U	0.37	0.011	mg/Kg	☼	09/30/25 22:25	10/01/25 11:04	1
Benzo[k]fluoranthene	0.037	U	0.037	0.0072	mg/Kg	☼	09/30/25 22:25	10/01/25 11:04	1
Bis(2-chloroethoxy)methane	0.37	U	0.37	0.068	mg/Kg	☼	09/30/25 22:25	10/01/25 11:04	1
Bis(2-chloroethyl)ether	0.037	U	0.037	0.013	mg/Kg	☼	09/30/25 22:25	10/01/25 11:04	1
Bis(2-ethylhexyl) phthalate	0.37	U	0.37	0.019	mg/Kg	☼	09/30/25 22:25	10/01/25 11:04	1
Butyl benzyl phthalate	0.37	U	0.37	0.017	mg/Kg	☼	09/30/25 22:25	10/01/25 11:04	1
Caprolactam	0.37	U	0.37	0.057	mg/Kg	☼	09/30/25 22:25	10/01/25 11:04	1
Carbazole	0.37	U	0.37	0.014	mg/Kg	☼	09/30/25 22:25	10/01/25 11:04	1
Chrysene	0.37	U	0.37	0.015	mg/Kg	☼	09/30/25 22:25	10/01/25 11:04	1
Dibenz(a,h)anthracene	0.037	U	0.037	0.016	mg/Kg	☼	09/30/25 22:25	10/01/25 11:04	1
Dibenzofuran	0.37	U	0.37	0.012	mg/Kg	☼	09/30/25 22:25	10/01/25 11:04	1

Client Sample ID: 59D_6-12

Date Collected: 09/29/25 12:05
Date Received: 09/29/25 15:30

Lab Sample ID: 460-335975-8

Matrix: Solid
Percent Solids: 89.9

Method: SW846 8270E - Semivolatile Organic Compounds (GC/MS) (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Diethyl phthalate	0.37	U	0.37	0.012	mg/Kg	☼	09/30/25 22:25	10/01/25 11:04	1
Dimethyl phthalate	0.37	U	0.37	0.083	mg/Kg	☼	09/30/25 22:25	10/01/25 11:04	1
Di-n-butyl phthalate	0.37	U	0.37	0.014	mg/Kg	☼	09/30/25 22:25	10/01/25 11:04	1
Di-n-octyl phthalate	0.37	U	0.37	0.019	mg/Kg	☼	09/30/25 22:25	10/01/25 11:04	1
Fluoranthene	0.37	U	0.37	0.013	mg/Kg	☼	09/30/25 22:25	10/01/25 11:04	1
Fluorene	0.37	U	0.37	0.011	mg/Kg	☼	09/30/25 22:25	10/01/25 11:04	1
Hexachlorobenzene	0.037	U	0.037	0.017	mg/Kg	☼	09/30/25 22:25	10/01/25 11:04	1
Hexachlorobutadiene	0.074	U	0.074	0.0078	mg/Kg	☼	09/30/25 22:25	10/01/25 11:04	1
Hexachlorocyclopentadiene	0.37	U	0.37	0.032	mg/Kg	☼	09/30/25 22:25	10/01/25 11:04	1
Hexachloroethane	0.037	U	0.037	0.013	mg/Kg	☼	09/30/25 22:25	10/01/25 11:04	1
Indeno[1,2,3-cd]pyrene	0.037	U	0.037	0.014	mg/Kg	☼	09/30/25 22:25	10/01/25 11:04	1
Isophorone	0.15	U	0.15	0.11	mg/Kg	☼	09/30/25 22:25	10/01/25 11:04	1
Naphthalene	0.37	U	0.37	0.0063	mg/Kg	☼	09/30/25 22:25	10/01/25 11:04	1
Nitrobenzene	0.037	U	0.037	0.020	mg/Kg	☼	09/30/25 22:25	10/01/25 11:04	1
N-Nitrosodi-n-propylamine	0.037	U	0.037	0.027	mg/Kg	☼	09/30/25 22:25	10/01/25 11:04	1
N-Nitrosodiphenylamine	0.37	U	0.37	0.030	mg/Kg	☼	09/30/25 22:25	10/01/25 11:04	1
Pentachlorophenol	0.29	U	0.29	0.075	mg/Kg	☼	09/30/25 22:25	10/01/25 11:04	1
Phenanthrene	0.37	U	0.37	0.015	mg/Kg	☼	09/30/25 22:25	10/01/25 11:04	1
Phenol	0.37	U	0.37	0.013	mg/Kg	☼	09/30/25 22:25	10/01/25 11:04	1
Pyrene	0.37	U	0.37	0.0091	mg/Kg	☼	09/30/25 22:25	10/01/25 11:04	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
2,4,6-Tribromophenol (Surr)	*57*		*18 - 137*	*09/30/25 22:25*	*10/01/25 11:04*	*1*
2-Fluorobiphenyl	*58*		*33 - 117*	*09/30/25 22:25*	*10/01/25 11:04*	*1*
2-Fluorophenol (Surr)	*62*		*24 - 120*	*09/30/25 22:25*	*10/01/25 11:04*	*1*
Nitrobenzene-d5 (Surr)	*60*		*27 - 120*	*09/30/25 22:25*	*10/01/25 11:04*	*1*
Phenol-d5 (Surr)	*61*		*28 - 118*	*09/30/25 22:25*	*10/01/25 11:04*	*1*
Terphenyl-d14 (Surr)	*67*		*33 - 124*	*09/30/25 22:25*	*10/01/25 11:04*	*1*

Method: SW846 8081B - Organochlorine Pesticides (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
4,4'-DDD	0.0074	U	0.0074	0.0013	mg/Kg	☼	09/30/25 16:49	10/01/25 10:09	1
4,4'-DDE	0.0074	U	0.0074	0.00088	mg/Kg	☼	09/30/25 16:49	10/01/25 10:09	1
4,4'-DDT	0.0074	U	0.0074	0.0014	mg/Kg	☼	09/30/25 16:49	10/01/25 10:09	1
Aldrin	0.0074	U	0.0074	0.0011	mg/Kg	☼	09/30/25 16:49	10/01/25 10:09	1
alpha-BHC	0.0022	U	0.0022	0.00076	mg/Kg	☼	09/30/25 16:49	10/01/25 10:09	1
beta-BHC	0.0022	U	0.0022	0.00083	mg/Kg	☼	09/30/25 16:49	10/01/25 10:09	1
Chlordane (technical)	0.074	U	0.074	0.018	mg/Kg	☼	09/30/25 16:49	10/01/25 10:09	1
cis-Chlordane	0.0074	U	0.0074	0.0012	mg/Kg	☼	09/30/25 16:49	10/01/25 10:09	1
delta-BHC	0.0022	U	0.0022	0.00046	mg/Kg	☼	09/30/25 16:49	10/01/25 10:09	1
Dieldrin	0.0022	U	0.0022	0.00097	mg/Kg	☼	09/30/25 16:49	10/01/25 10:09	1
Endosulfan I	0.0074	U	0.0074	0.0011	mg/Kg	☼	09/30/25 16:49	10/01/25 10:09	1
Endosulfan II	0.0074	U	0.0074	0.0019	mg/Kg	☼	09/30/25 16:49	10/01/25 10:09	1
Endosulfan sulfate	0.0074	U	0.0074	0.00093	mg/Kg	☼	09/30/25 16:49	10/01/25 10:09	1
Endrin	0.0074	U	0.0074	0.0011	mg/Kg	☼	09/30/25 16:49	10/01/25 10:09	1
Endrin aldehyde	0.0074	U	0.0074	0.0018	mg/Kg	☼	09/30/25 16:49	10/01/25 10:09	1
Endrin ketone	0.0074	U	0.0074	0.0014	mg/Kg	☼	09/30/25 16:49	10/01/25 10:09	1
gamma-BHC (Lindane)	0.0022	U	0.0022	0.00069	mg/Kg	☼	09/30/25 16:49	10/01/25 10:09	1
Heptachlor	0.0074	U	0.0074	0.00088	mg/Kg	☼	09/30/25 16:49	10/01/25 10:09	1
Heptachlor epoxide	0.0074	U	0.0074	0.0011	mg/Kg	☼	09/30/25 16:49	10/01/25 10:09	1

Client Sample ID: 59D_6-12
Date Collected: 09/29/25 12:05
Date Received: 09/29/25 15:30

Lab Sample ID: 460-335975-8
Matrix: Solid
Percent Solids: 89.9

Method: SW846 8081B - Organochlorine Pesticides (GC) (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Methoxychlor	0.0074	U	0.0074	0.0017	mg/Kg	☼	09/30/25 16:49	10/01/25 10:09	1
Toxaphene	0.074	U	0.074	0.027	mg/Kg	☼	09/30/25 16:49	10/01/25 10:09	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
DCB Decachlorobiphenyl	*117*		*10 - 150*	*09/30/25 16:49*	*10/01/25 10:09*	*1*
DCB Decachlorobiphenyl	*116*		*10 - 150*	*09/30/25 16:49*	*10/01/25 10:09*	*1*
Tetrachloro-m-xylene	*102*		*14 - 150*	*09/30/25 16:49*	*10/01/25 10:09*	*1*
Tetrachloro-m-xylene	*104*		*14 - 150*	*09/30/25 16:49*	*10/01/25 10:09*	*1*

Method: SW846 8082A - Polychlorinated Biphenyls (PCBs) by Gas Chromatography

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Aroclor 1016	0.074	U	0.074	0.020	mg/Kg	☼	09/30/25 16:45	10/01/25 14:18	1
Aroclor 1221	0.074	U	0.074	0.020	mg/Kg	☼	09/30/25 16:45	10/01/25 14:18	1
Aroclor 1232	0.074	U	0.074	0.020	mg/Kg	☼	09/30/25 16:45	10/01/25 14:18	1
Aroclor 1242	0.074	U	0.074	0.020	mg/Kg	☼	09/30/25 16:45	10/01/25 14:18	1
Aroclor 1248	0.074	U	0.074	0.020	mg/Kg	☼	09/30/25 16:45	10/01/25 14:18	1
Aroclor 1254	0.074	U	0.074	0.020	mg/Kg	☼	09/30/25 16:45	10/01/25 14:18	1
Aroclor 1260	0.074	U	0.074	0.020	mg/Kg	☼	09/30/25 16:45	10/01/25 14:18	1
Aroclor-1262	0.074	U	0.074	0.020	mg/Kg	☼	09/30/25 16:45	10/01/25 14:18	1
Aroclor 1268	0.074	U	0.074	0.020	mg/Kg	☼	09/30/25 16:45	10/01/25 14:18	1
Polychlorinated biphenyls, Total	0.074	U	0.074	0.020	mg/Kg	☼	09/30/25 16:45	10/01/25 14:18	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
DCB Decachlorobiphenyl	*97*		*10 - 150*	*09/30/25 16:45*	*10/01/25 14:18*	*1*
DCB Decachlorobiphenyl	*115*		*10 - 150*	*09/30/25 16:45*	*10/01/25 14:18*	*1*
Tetrachloro-m-xylene	*105*		*10 - 150*	*09/30/25 16:45*	*10/01/25 14:18*	*1*
Tetrachloro-m-xylene	*113*		*10 - 150*	*09/30/25 16:45*	*10/01/25 14:18*	*1*

Method: EPA 1633A - Per- and Polyfluoroalkyl Substances by LC/MS/MS, 1633A

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Perfluorobutanoic acid (PFBA)	0.38	U	0.38	0.096	ug/Kg	☼	10/03/25 14:04	10/04/25 11:09	1
Perfluoropentanoic acid (PFPeA)	0.19	U	0.19	0.096	ug/Kg	☼	10/03/25 14:04	10/04/25 11:09	1
Perfluorohexanoic acid (PFHxA)	0.19	U	0.19	0.096	ug/Kg	☼	10/03/25 14:04	10/04/25 11:09	1
Perfluoroheptanoic acid (PFHpA)	0.19	U	0.19	0.096	ug/Kg	☼	10/03/25 14:04	10/04/25 11:09	1
Perfluorooctanoic acid (PFOA)	**0.16**	**J**	0.19	0.058	ug/Kg	☼	10/03/25 14:04	10/04/25 11:09	1
Perfluorononanoic acid (PFNA)	**1.96**		0.19	0.096	ug/Kg	☼	10/03/25 14:04	10/04/25 11:09	1
Perfluorodecanoic acid (PFDA)	**0.48**		0.19	0.058	ug/Kg	☼	10/03/25 14:04	10/04/25 11:09	1
Perfluoroundecanoic acid (PFUnA)	**4.79**		0.19	0.096	ug/Kg	☼	10/03/25 14:04	10/04/25 11:09	1
Perfluorododecanoic acid (PFDoA)	**0.35**		0.19	0.096	ug/Kg	☼	10/03/25 14:04	10/04/25 11:09	1
Perfluorotridecanoic acid (PFTrDA)	**3.43**		0.19	0.096	ug/Kg	☼	10/03/25 14:04	10/04/25 11:09	1
Perfluorotetradecanoic acid (PFTeDA)	0.19	U	0.19	0.096	ug/Kg	☼	10/03/25 14:04	10/04/25 11:09	1
Perfluorobutanesulfonic acid (PFBS)	0.19	U	0.19	0.096	ug/Kg	☼	10/03/25 14:04	10/04/25 11:09	1
Perfluoropentanesulfonic acid (PFPeS)	0.19	U	0.19	0.096	ug/Kg	☼	10/03/25 14:04	10/04/25 11:09	1
Perfluorohexanesulfonic acid (PFHxS)	0.19	U	0.19	0.096	ug/Kg	☼	10/03/25 14:04	10/04/25 11:09	1
Perfluoroheptanesulfonic acid (PFHpS)	0.19	U	0.19	0.096	ug/Kg	☼	10/03/25 14:04	10/04/25 11:09	1
Perfluorooctanesulfonic acid (PFOS)	0.19	U	0.19	0.096	ug/Kg	☼	10/03/25 14:04	10/04/25 11:09	1
Perfluorononanesulfonic acid (PFNS)	0.19	U	0.19	0.096	ug/Kg	☼	10/03/25 14:04	10/04/25 11:09	1

Client Sample ID: 59D_6-12
Date Collected: 09/29/25 12:05
Date Received: 09/29/25 15:30

Lab Sample ID: 460-335975-8
Matrix: Solid
Percent Solids: 89.9

Method: EPA 1633A - Per- and Polyfluoroalkyl Substances by LC/MS/MS, 1633A (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Perfluorodecanesulfonic acid (PFDS)	0.19	U	0.19	0.096	ug/Kg	☼	10/03/25 14:04	10/04/25 11:09	1
Perfluorododecanesulfonic acid (PFDoS)	0.19	U	0.19	0.096	ug/Kg	☼	10/03/25 14:04	10/04/25 11:09	1
1H,1H,2H,2H-Perfluorohexane sulfonic acid (4:2 FTS)	0.38	U	0.38	0.19	ug/Kg	☼	10/03/25 14:04	10/04/25 11:09	1
1H,1H,2H,2H-Perfluorooctane sulfonic acid (6:2 FTS)	0.38	U	0.38	0.19	ug/Kg	☼	10/03/25 14:04	10/04/25 11:09	1
1H,1H,2H,2H-Perfluorodecane sulfonic acid (8:2 FTS)	0.38	U	0.38	0.19	ug/Kg	☼	10/03/25 14:04	10/04/25 11:09	1
Perfluorooctanesulfonamide (PFOSA)	0.19	U	0.19	0.096	ug/Kg	☼	10/03/25 14:04	10/04/25 11:09	1
N-methylperfluorooctane sulfonamide (NMeFOSA)	0.19	U	0.19	0.096	ug/Kg	☼	10/03/25 14:04	10/04/25 11:09	1
N-ethylperfluorooctane sulfonamide (NEtFOSA)	0.19	U	0.19	0.096	ug/Kg	☼	10/03/25 14:04	10/04/25 11:09	1
N-methylperfluorooctanesulfonamidoacetic acid (NMeFOSAA)	0.19	U	0.19	0.096	ug/Kg	☼	10/03/25 14:04	10/04/25 11:09	1
N-ethylperfluorooctanesulfonamidoacetic acid (NEtFOSAA)	0.19	U	0.19	0.096	ug/Kg	☼	10/03/25 14:04	10/04/25 11:09	1
N-methylperfluorooctane sulfonamidoethanol (NMeFOSE)	0.96	U	0.96	0.48	ug/Kg	☼	10/03/25 14:04	10/04/25 11:09	1
N-ethylperfluorooctane sulfonamidoethanol (NEtFOSE)	0.96	U	0.96	0.48	ug/Kg	☼	10/03/25 14:04	10/04/25 11:09	1
Hexafluoropropylene Oxide Dimer Acid (HFPO-DA)	0.19	U	0.19	0.096	ug/Kg	☼	10/03/25 14:04	10/04/25 11:09	1
4,8-Dioxa-3H-perfluorononanoic acid (ADONA)	0.19	U	0.19	0.096	ug/Kg	☼	10/03/25 14:04	10/04/25 11:09	1
Perfluoro-3-methoxypropanoic acid (PFMPA)	0.19	U	0.19	0.096	ug/Kg	☼	10/03/25 14:04	10/04/25 11:09	1
Perfluoro-4-methoxybutanoic acid (PFMBA)	0.19	U	0.19	0.096	ug/Kg	☼	10/03/25 14:04	10/04/25 11:09	1
Nonafluoro-3,6-dioxaheptanoic acid (NFDHA)	0.19	U	0.19	0.096	ug/Kg	☼	10/03/25 14:04	10/04/25 11:09	1
9-Chlorohexadecafluoro-3-oxanonane-1-sulfonic acid (9Cl-PF3ONS)	0.19	U	0.19	0.096	ug/Kg	☼	10/03/25 14:04	10/04/25 11:09	1
11-Chloroeicosafluoro-3-oxaundecane-1-sulfonic acid (11Cl-PF3OUdS)	0.19	U	0.19	0.096	ug/Kg	☼	10/03/25 14:04	10/04/25 11:09	1
Perfluoro (2-ethoxyethane) sulfonic acid (PFEESA)	0.19	U	0.19	0.096	ug/Kg	☼	10/03/25 14:04	10/04/25 11:09	1
3-Perfluoropropylpropanoic acid (3:3 FTCA)	0.38	U	0.38	0.19	ug/Kg	☼	10/03/25 14:04	10/04/25 11:09	1
3-Perfluoropentylpropanoic acid (5:3 FTCA)	0.96	U	0.96	0.48	ug/Kg	☼	10/03/25 14:04	10/04/25 11:09	1
3-Perfluoroheptylpropanoic acid (7:3 FTCA)	0.96	U	0.96	0.48	ug/Kg	☼	10/03/25 14:04	10/04/25 11:09	1

Isotope Dilution	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
13C4 PFBA	*105*		*8 - 130*	*10/03/25 14:04*	*10/04/25 11:09*	*1*
13C5 PFPeA	*102*		*35 - 130*	*10/03/25 14:04*	*10/04/25 11:09*	*1*
13C5 PFHxA	*102*		*40 - 130*	*10/03/25 14:04*	*10/04/25 11:09*	*1*
13C4 PFHpA	*103*		*40 - 130*	*10/03/25 14:04*	*10/04/25 11:09*	*1*
13C8 PFOA	*101*		*40 - 130*	*10/03/25 14:04*	*10/04/25 11:09*	*1*
13C9 PFNA	*101*		*40 - 130*	*10/03/25 14:04*	*10/04/25 11:09*	*1*
13C6 PFDA	*94.9*		*40 - 130*	*10/03/25 14:04*	*10/04/25 11:09*	*1*
13C7 PFUnA	*85.3*		*40 - 130*	*10/03/25 14:04*	*10/04/25 11:09*	*1*
13C2 PFTeDA	*73.2*		*20 - 130*	*10/03/25 14:04*	*10/04/25 11:09*	*1*

Client Sample ID: 59D_6-12

Date Collected: 09/29/25 12:05
Date Received: 09/29/25 15:30

Lab Sample ID: 460-335975-8

Matrix: Solid
Percent Solids: 89.9

Method: EPA 1633A - Per- and Polyfluoroalkyl Substances by LC/MS/MS, 1633A (Continued)

Isotope Dilution	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
13C3 PFBS	93.8		40 - 135	10/03/25 14:04	10/04/25 11:09	1
13C3 PFHxS	94.7		40 - 130	10/03/25 14:04	10/04/25 11:09	1
13C8 PFOS	88.8		40 - 130	10/03/25 14:04	10/04/25 11:09	1
13C8 FOSA	72.2		40 - 130	10/03/25 14:04	10/04/25 11:09	1
d3-NMeFOSAA	82.6		40 - 135	10/03/25 14:04	10/04/25 11:09	1
d5-NEtFOSAA	75.8		40 - 150	10/03/25 14:04	10/04/25 11:09	1
13C2 4:2 FTS	118		40 - 165	10/03/25 14:04	10/04/25 11:09	1
13C2 6:2 FTS	113		40 - 215	10/03/25 14:04	10/04/25 11:09	1
13C2 8:2 FTS	167		40 - 275	10/03/25 14:04	10/04/25 11:09	1
13C3 HFPO-DA	92.6		40 - 130	10/03/25 14:04	10/04/25 11:09	1
d7-N-MeFOSE-M	56.2		20 - 130	10/03/25 14:04	10/04/25 11:09	1
d9-N-EtFOSE-M	50.4		15 - 130	10/03/25 14:04	10/04/25 11:09	1
d5-NEtPFOSA	69.1		10 - 130	10/03/25 14:04	10/04/25 11:09	1
d3-NMePFOSA	72.8		10 - 130	10/03/25 14:04	10/04/25 11:09	1
13C2 PFDoA	71.7		40 - 130	10/03/25 14:04	10/04/25 11:09	1

Method: SW846 6020B - Metals (ICP/MS)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Aluminum	7280		16.4	4.5	mg/Kg	☼	10/03/25 19:40	10/05/25 14:11	1
Antimony	1.2		0.82	0.12	mg/Kg	☼	10/03/25 19:40	10/05/25 14:11	1
Arsenic	6.8		0.82	0.084	mg/Kg	☼	10/03/25 19:40	10/05/25 14:11	1
Barium	60.7		1.6	0.12	mg/Kg	☼	10/03/25 19:40	10/05/25 14:11	1
Beryllium	0.66		0.33	0.018	mg/Kg	☼	10/03/25 19:40	10/05/25 14:11	1
Cadmium	0.23	J	0.82	0.092	mg/Kg	☼	10/03/25 19:40	10/05/25 14:11	1
Calcium	2070		81.8	8.0	mg/Kg	☼	10/03/25 19:40	10/05/25 14:11	1
Chromium	19.1		1.6	0.24	mg/Kg	☼	10/03/25 19:40	10/05/25 14:11	1
Cobalt	7.5		0.82	0.12	mg/Kg	☼	10/03/25 19:40	10/05/25 14:11	1
Copper	43.7		1.6	0.30	mg/Kg	☼	10/03/25 19:40	10/05/25 14:11	1
Iron	21400		49.1	6.3	mg/Kg	☼	10/03/25 19:40	10/05/25 14:11	1
Lead	279		0.49	0.16	mg/Kg	☼	10/03/25 19:40	10/05/25 14:11	1
Magnesium	2110		81.8	8.3	mg/Kg	☼	10/03/25 19:40	10/05/25 14:11	1
Manganese	181		3.3	0.33	mg/Kg	☼	10/03/25 19:40	10/05/25 14:11	1
Nickel	21.6		1.6	0.14	mg/Kg	☼	10/03/25 19:40	10/05/25 14:11	1
Potassium	1420		81.8	13.2	mg/Kg	☼	10/03/25 19:40	10/05/25 14:11	1
Selenium	0.25	J	1.0	0.10	mg/Kg	☼	10/03/25 19:40	10/05/25 14:11	1
Silver	0.14	J	0.33	0.073	mg/Kg	☼	10/03/25 19:40	10/05/25 14:11	1
Sodium	93.2		81.8	37.4	mg/Kg	☼	10/03/25 19:40	10/05/25 14:11	1
Thallium	0.096	J	0.33	0.034	mg/Kg	☼	10/03/25 19:40	10/05/25 14:11	1
Vanadium	25.3		1.6	0.17	mg/Kg	☼	10/03/25 19:40	10/05/25 14:11	1
Zinc	140		6.5	0.89	mg/Kg	☼	10/03/25 19:40	10/05/25 14:11	1

Method: SW846 7471B - Mercury (CVAA)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	0.030		0.017	0.0082	mg/Kg	☼	10/06/25 01:04	10/06/25 11:38	1

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Percent Moisture (EPA Moisture)	10.1		1.0	1.0	%			10/02/25 17:22	1
Percent Solids (EPA Moisture)	89.9		1.0	1.0	%			10/02/25 17:22	1

Client Sample ID: 59E_0-6
Date Collected: 09/29/25 12:10
Date Received: 09/29/25 15:30

Lab Sample ID: 460-335975-9
Matrix: Solid
Percent Solids: 93.1

Method: SW846 8270E - Semivolatile Organic Compounds (GC/MS)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1'-Biphenyl	0.35	U	0.35	0.012	mg/Kg	☼	09/30/25 22:25	10/01/25 11:26	1
1,2,4,5-Tetrachlorobenzene	0.35	U	0.35	0.011	mg/Kg	☼	09/30/25 22:25	10/01/25 11:26	1
1,4-Dioxane	0.035	U	0.035	0.031	mg/Kg	☼	09/30/25 22:25	10/01/25 11:26	1
2,2'-oxybis[1-chloropropane]	0.35	U	0.35	0.021	mg/Kg	☼	09/30/25 22:25	10/01/25 11:26	1
2,3,4,6-Tetrachlorophenol	0.35	U	0.35	0.024	mg/Kg	☼	09/30/25 22:25	10/01/25 11:26	1
2,4,5-Trichlorophenol	0.35	U	0.35	0.036	mg/Kg	☼	09/30/25 22:25	10/01/25 11:26	1
2,4,6-Trichlorophenol	0.14	U	0.14	0.045	mg/Kg	☼	09/30/25 22:25	10/01/25 11:26	1
2,4-Dichlorophenol	0.14	U	0.14	0.023	mg/Kg	☼	09/30/25 22:25	10/01/25 11:26	1
2,4-Dimethylphenol	0.35	U	0.35	0.042	mg/Kg	☼	09/30/25 22:25	10/01/25 11:26	1
2,4-Dinitrophenol	0.28	U	0.28	0.17	mg/Kg	☼	09/30/25 22:25	10/01/25 11:26	1
2,4-Dinitrotoluene	0.072	U	0.072	0.038	mg/Kg	☼	09/30/25 22:25	10/01/25 11:26	1
2,6-Dinitrotoluene	0.072	U	0.072	0.026	mg/Kg	☼	09/30/25 22:25	10/01/25 11:26	1
2-Chloronaphthalene	0.35	U	0.35	0.045	mg/Kg	☼	09/30/25 22:25	10/01/25 11:26	1
2-Chlorophenol	0.35	U	0.35	0.013	mg/Kg	☼	09/30/25 22:25	10/01/25 11:26	1
2-Methylnaphthalene	0.35	U	0.35	0.0099	mg/Kg	☼	09/30/25 22:25	10/01/25 11:26	1
2-Methylphenol	0.35	U	0.35	0.013	mg/Kg	☼	09/30/25 22:25	10/01/25 11:26	1
2-Nitroaniline	0.35	U	0.35	0.027	mg/Kg	☼	09/30/25 22:25	10/01/25 11:26	1
2-Nitrophenol	0.35	U	0.35	0.035	mg/Kg	☼	09/30/25 22:25	10/01/25 11:26	1
3 & 4 Methylphenol	0.35	U	0.35	0.022	mg/Kg	☼	09/30/25 22:25	10/01/25 11:26	1
3,3'-Dichlorobenzidine	0.14	U	0.14	0.053	mg/Kg	☼	09/30/25 22:25	10/01/25 11:26	1
3-Nitroaniline	0.35	U	0.35	0.084	mg/Kg	☼	09/30/25 22:25	10/01/25 11:26	1
4,6-Dinitro-2-methylphenol	0.28	U	0.28	0.14	mg/Kg	☼	09/30/25 22:25	10/01/25 11:26	1
4-Bromophenyl phenyl ether	0.35	U	0.35	0.014	mg/Kg	☼	09/30/25 22:25	10/01/25 11:26	1
4-Chloro-3-methylphenol	0.35	U	0.35	0.020	mg/Kg	☼	09/30/25 22:25	10/01/25 11:26	1
4-Chloroaniline	0.35	U	0.35	0.063	mg/Kg	☼	09/30/25 22:25	10/01/25 11:26	1
4-Chlorophenyl phenyl ether	0.35	U	0.35	0.012	mg/Kg	☼	09/30/25 22:25	10/01/25 11:26	1
4-Methylphenol	0.35	U	0.35	0.022	mg/Kg	☼	09/30/25 22:25	10/01/25 11:26	1
4-Nitroaniline	0.35	U	0.35	0.090	mg/Kg	☼	09/30/25 22:25	10/01/25 11:26	1
4-Nitrophenol	0.72	U	0.72	0.058	mg/Kg	☼	09/30/25 22:25	10/01/25 11:26	1
Acenaphthene	0.35	U	0.35	0.010	mg/Kg	☼	09/30/25 22:25	10/01/25 11:26	1
Acenaphthylene	0.35	U	0.35	0.010	mg/Kg	☼	09/30/25 22:25	10/01/25 11:26	1
Acetophenone	0.35	U	0.35	0.017	mg/Kg	☼	09/30/25 22:25	10/01/25 11:26	1
Anthracene	0.35	U	0.35	0.011	mg/Kg	☼	09/30/25 22:25	10/01/25 11:26	1
Atrazine	0.14	U	0.14	0.021	mg/Kg	☼	09/30/25 22:25	10/01/25 11:26	1
Benzaldehyde	0.35	U	0.35	0.059	mg/Kg	☼	09/30/25 22:25	10/01/25 11:26	1
Benzo[a]anthracene	0.035	U	0.035	0.027	mg/Kg	☼	09/30/25 22:25	10/01/25 11:26	1
Benzo[a]pyrene	0.035	U	0.035	0.0094	mg/Kg	☼	09/30/25 22:25	10/01/25 11:26	1
Benzo[b]fluoranthene	0.035	U	0.035	0.0092	mg/Kg	☼	09/30/25 22:25	10/01/25 11:26	1
Benzo[g,h,i]perylene	0.35	U	0.35	0.010	mg/Kg	☼	09/30/25 22:25	10/01/25 11:26	1
Benzo[k]fluoranthene	0.035	U	0.035	0.0069	mg/Kg	☼	09/30/25 22:25	10/01/25 11:26	1
Bis(2-chloroethoxy)methane	0.35	U	0.35	0.065	mg/Kg	☼	09/30/25 22:25	10/01/25 11:26	1
Bis(2-chloroethyl)ether	0.035	U	0.035	0.012	mg/Kg	☼	09/30/25 22:25	10/01/25 11:26	1
Bis(2-ethylhexyl) phthalate	0.35	U	0.35	0.019	mg/Kg	☼	09/30/25 22:25	10/01/25 11:26	1
Butyl benzyl phthalate	0.35	U	0.35	0.017	mg/Kg	☼	09/30/25 22:25	10/01/25 11:26	1
Caprolactam	0.35	U	0.35	0.055	mg/Kg	☼	09/30/25 22:25	10/01/25 11:26	1
Carbazole	0.35	U	0.35	0.013	mg/Kg	☼	09/30/25 22:25	10/01/25 11:26	1
Chrysene	0.35	U	0.35	0.015	mg/Kg	☼	09/30/25 22:25	10/01/25 11:26	1
Dibenz(a,h)anthracene	0.035	U	0.035	0.015	mg/Kg	☼	09/30/25 22:25	10/01/25 11:26	1
Dibenzofuran	0.35	U	0.35	0.012	mg/Kg	☼	09/30/25 22:25	10/01/25 11:26	1

Client Sample ID: 59E_0-6
Date Collected: 09/29/25 12:10
Date Received: 09/29/25 15:30

Lab Sample ID: 460-335975-9
Matrix: Solid
Percent Solids: 93.1

Method: SW846 8270E - Semivolatile Organic Compounds (GC/MS) (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Diethyl phthalate	0.35	U	0.35	0.011	mg/Kg	☼	09/30/25 22:25	10/01/25 11:26	1
Dimethyl phthalate	0.35	U	0.35	0.080	mg/Kg	☼	09/30/25 22:25	10/01/25 11:26	1
Di-n-butyl phthalate	0.35	U	0.35	0.013	mg/Kg	☼	09/30/25 22:25	10/01/25 11:26	1
Di-n-octyl phthalate	0.35	U	0.35	0.019	mg/Kg	☼	09/30/25 22:25	10/01/25 11:26	1
Fluoranthene	0.35	U	0.35	0.012	mg/Kg	☼	09/30/25 22:25	10/01/25 11:26	1
Fluorene	0.35	U	0.35	0.010	mg/Kg	☼	09/30/25 22:25	10/01/25 11:26	1
Hexachlorobenzene	0.035	U	0.035	0.017	mg/Kg	☼	09/30/25 22:25	10/01/25 11:26	1
Hexachlorobutadiene	0.072	U	0.072	0.0075	mg/Kg	☼	09/30/25 22:25	10/01/25 11:26	1
Hexachlorocyclopentadiene	0.35	U	0.35	0.031	mg/Kg	☼	09/30/25 22:25	10/01/25 11:26	1
Hexachloroethane	0.035	U	0.035	0.012	mg/Kg	☼	09/30/25 22:25	10/01/25 11:26	1
Indeno[1,2,3-cd]pyrene	0.035	U	0.035	0.014	mg/Kg	☼	09/30/25 22:25	10/01/25 11:26	1
Isophorone	0.14	U	0.14	0.10	mg/Kg	☼	09/30/25 22:25	10/01/25 11:26	1
Naphthalene	0.35	U	0.35	0.0061	mg/Kg	☼	09/30/25 22:25	10/01/25 11:26	1
Nitrobenzene	0.035	U	0.035	0.020	mg/Kg	☼	09/30/25 22:25	10/01/25 11:26	1
N-Nitrosodi-n-propylamine	0.035	U	0.035	0.026	mg/Kg	☼	09/30/25 22:25	10/01/25 11:26	1
N-Nitrosodiphenylamine	0.35	U	0.35	0.029	mg/Kg	☼	09/30/25 22:25	10/01/25 11:26	1
Pentachlorophenol	0.28	U	0.28	0.073	mg/Kg	☼	09/30/25 22:25	10/01/25 11:26	1
Phenanthrene	0.35	U	0.35	0.014	mg/Kg	☼	09/30/25 22:25	10/01/25 11:26	1
Phenol	0.35	U	0.35	0.013	mg/Kg	☼	09/30/25 22:25	10/01/25 11:26	1
Pyrene	**0.012**	**J**	0.35	0.0088	mg/Kg	☼	09/30/25 22:25	10/01/25 11:26	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
2,4,6-Tribromophenol (Surr)	*56*		*18 - 137*	*09/30/25 22:25*	*10/01/25 11:26*	*1*
2-Fluorobiphenyl	*57*		*33 - 117*	*09/30/25 22:25*	*10/01/25 11:26*	*1*
2-Fluorophenol (Surr)	*61*		*24 - 120*	*09/30/25 22:25*	*10/01/25 11:26*	*1*
Nitrobenzene-d5 (Surr)	*60*		*27 - 120*	*09/30/25 22:25*	*10/01/25 11:26*	*1*
Phenol-d5 (Surr)	*60*		*28 - 118*	*09/30/25 22:25*	*10/01/25 11:26*	*1*
Terphenyl-d14 (Surr)	*66*		*33 - 124*	*09/30/25 22:25*	*10/01/25 11:26*	*1*

Method: SW846 8081B - Organochlorine Pesticides (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
4,4'-DDD	0.0072	U	0.0072	0.0012	mg/Kg	☼	09/30/25 16:49	10/01/25 09:57	1
4,4'-DDE	0.0072	U	0.0072	0.00085	mg/Kg	☼	09/30/25 16:49	10/01/25 09:57	1
4,4'-DDT	0.0072	U	0.0072	0.0013	mg/Kg	☼	09/30/25 16:49	10/01/25 09:57	1
Aldrin	0.0072	U	0.0072	0.0011	mg/Kg	☼	09/30/25 16:49	10/01/25 09:57	1
alpha-BHC	0.0021	U	0.0021	0.00073	mg/Kg	☼	09/30/25 16:49	10/01/25 09:57	1
beta-BHC	0.0021	U	0.0021	0.00081	mg/Kg	☼	09/30/25 16:49	10/01/25 09:57	1
Chlordane (technical)	0.072	U	0.072	0.017	mg/Kg	☼	09/30/25 16:49	10/01/25 09:57	1
cis-Chlordane	0.0072	U	0.0072	0.0011	mg/Kg	☼	09/30/25 16:49	10/01/25 09:57	1
delta-BHC	0.0021	U	0.0021	0.00044	mg/Kg	☼	09/30/25 16:49	10/01/25 09:57	1
Dieldrin	0.0021	U	0.0021	0.00093	mg/Kg	☼	09/30/25 16:49	10/01/25 09:57	1
Endosulfan I	0.0072	U	0.0072	0.0011	mg/Kg	☼	09/30/25 16:49	10/01/25 09:57	1
Endosulfan II	0.0072	U	0.0072	0.0018	mg/Kg	☼	09/30/25 16:49	10/01/25 09:57	1
Endosulfan sulfate	0.0072	U	0.0072	0.00090	mg/Kg	☼	09/30/25 16:49	10/01/25 09:57	1
Endrin	0.0072	U	0.0072	0.0010	mg/Kg	☼	09/30/25 16:49	10/01/25 09:57	1
Endrin aldehyde	0.0072	U	0.0072	0.0017	mg/Kg	☼	09/30/25 16:49	10/01/25 09:57	1
Endrin ketone	0.0072	U	0.0072	0.0014	mg/Kg	☼	09/30/25 16:49	10/01/25 09:57	1
gamma-BHC (Lindane)	0.0021	U	0.0021	0.00067	mg/Kg	☼	09/30/25 16:49	10/01/25 09:57	1
Heptachlor	0.0072	U	0.0072	0.00085	mg/Kg	☼	09/30/25 16:49	10/01/25 09:57	1
Heptachlor epoxide	0.0072	U	0.0072	0.0011	mg/Kg	☼	09/30/25 16:49	10/01/25 09:57	1

Client Sample ID: 59E_0-6
Date Collected: 09/29/25 12:10
Date Received: 09/29/25 15:30

Lab Sample ID: 460-335975-9
Matrix: Solid
Percent Solids: 93.1

Method: SW846 8081B - Organochlorine Pesticides (GC) (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Methoxychlor	0.0072	U	0.0072	0.0016	mg/Kg	☼	09/30/25 16:49	10/01/25 09:57	1
Toxaphene	0.072	U	0.072	0.026	mg/Kg	☼	09/30/25 16:49	10/01/25 09:57	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
DCB Decachlorobiphenyl	*126*		*10 - 150*	*09/30/25 16:49*	*10/01/25 09:57*	*1*
DCB Decachlorobiphenyl	*125*		*10 - 150*	*09/30/25 16:49*	*10/01/25 09:57*	*1*
Tetrachloro-m-xylene	*111*		*14 - 150*	*09/30/25 16:49*	*10/01/25 09:57*	*1*
Tetrachloro-m-xylene	*109*		*14 - 150*	*09/30/25 16:49*	*10/01/25 09:57*	*1*

Method: SW846 8082A - Polychlorinated Biphenyls (PCBs) by Gas Chromatography

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Aroclor 1016	0.072	U	0.072	0.019	mg/Kg	☼	09/30/25 16:45	10/01/25 14:35	1
Aroclor 1221	0.072	U	0.072	0.019	mg/Kg	☼	09/30/25 16:45	10/01/25 14:35	1
Aroclor 1232	0.072	U	0.072	0.019	mg/Kg	☼	09/30/25 16:45	10/01/25 14:35	1
Aroclor 1242	0.072	U	0.072	0.019	mg/Kg	☼	09/30/25 16:45	10/01/25 14:35	1
Aroclor 1248	0.072	U	0.072	0.019	mg/Kg	☼	09/30/25 16:45	10/01/25 14:35	1
Aroclor 1254	0.072	U	0.072	0.019	mg/Kg	☼	09/30/25 16:45	10/01/25 14:35	1
Aroclor 1260	0.072	U	0.072	0.019	mg/Kg	☼	09/30/25 16:45	10/01/25 14:35	1
Aroclor-1262	0.072	U	0.072	0.019	mg/Kg	☼	09/30/25 16:45	10/01/25 14:35	1
Aroclor 1268	0.072	U	0.072	0.019	mg/Kg	☼	09/30/25 16:45	10/01/25 14:35	1
Polychlorinated biphenyls, Total	0.072	U	0.072	0.019	mg/Kg	☼	09/30/25 16:45	10/01/25 14:35	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
DCB Decachlorobiphenyl	*90*		*10 - 150*	*09/30/25 16:45*	*10/01/25 14:35*	*1*
DCB Decachlorobiphenyl	*102*		*10 - 150*	*09/30/25 16:45*	*10/01/25 14:35*	*1*
Tetrachloro-m-xylene	*96*		*10 - 150*	*09/30/25 16:45*	*10/01/25 14:35*	*1*
Tetrachloro-m-xylene	*101*		*10 - 150*	*09/30/25 16:45*	*10/01/25 14:35*	*1*

Method: EPA 1633A - Per- and Polyfluoroalkyl Substances by LC/MS/MS, 1633A

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Perfluorobutanoic acid (PFBA)	0.38	U	0.38	0.095	ug/Kg	☼	10/03/25 14:04	10/04/25 11:23	1
Perfluoropentanoic acid (PFPeA)	0.19	U	0.19	0.095	ug/Kg	☼	10/03/25 14:04	10/04/25 11:23	1
Perfluorohexanoic acid (PFHxA)	0.19	U	0.19	0.095	ug/Kg	☼	10/03/25 14:04	10/04/25 11:23	1
Perfluoroheptanoic acid (PFHpA)	**0.13**	**J**	0.19	0.095	ug/Kg	☼	10/03/25 14:04	10/04/25 11:23	1
Perfluorooctanoic acid (PFOA)	**0.35**		0.19	0.057	ug/Kg	☼	10/03/25 14:04	10/04/25 11:23	1
Perfluorononanoic acid (PFNA)	**1.45**		0.19	0.095	ug/Kg	☼	10/03/25 14:04	10/04/25 11:23	1
Perfluorodecanoic acid (PFDA)	**0.45**		0.19	0.057	ug/Kg	☼	10/03/25 14:04	10/04/25 11:23	1
Perfluoroundecanoic acid (PFUnA)	**2.24**		0.19	0.095	ug/Kg	☼	10/03/25 14:04	10/04/25 11:23	1
Perfluorododecanoic acid (PFDoA)	**0.28**		0.19	0.095	ug/Kg	☼	10/03/25 14:04	10/04/25 11:23	1
Perfluorotridecanoic acid (PFTrDA)	**2.18**		0.19	0.095	ug/Kg	☼	10/03/25 14:04	10/04/25 11:23	1
Perfluorotetradecanoic acid (PFTeDA)	**0.15**	**J**	0.19	0.095	ug/Kg	☼	10/03/25 14:04	10/04/25 11:23	1
Perfluorobutanesulfonic acid (PFBS)	0.19	U	0.19	0.095	ug/Kg	☼	10/03/25 14:04	10/04/25 11:23	1
Perfluoropentanesulfonic acid (PFPeS)	0.19	U	0.19	0.095	ug/Kg	☼	10/03/25 14:04	10/04/25 11:23	1
Perfluorohexanesulfonic acid (PFHxS)	0.19	U	0.19	0.095	ug/Kg	☼	10/03/25 14:04	10/04/25 11:23	1
Perfluoroheptanesulfonic acid (PFHpS)	0.19	U	0.19	0.095	ug/Kg	☼	10/03/25 14:04	10/04/25 11:23	1

Client Sample ID: 59E_0-6
Date Collected: 09/29/25 12:10
Date Received: 09/29/25 15:30

Lab Sample ID: 460-335975-9
Matrix: Solid
Percent Solids: 93.1

Method: EPA 1633A - Per- and Polyfluoroalkyl Substances by LC/MS/MS, 1633A (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Perfluorooctanesulfonic acid (PFOS)	**0.13**	**J**	0.19	0.095	ug/Kg	☼	10/03/25 14:04	10/04/25 11:23	1
Perfluorononanesulfonic acid (PFNS)	0.19	U	0.19	0.095	ug/Kg	☼	10/03/25 14:04	10/04/25 11:23	1
Perfluorodecanesulfonic acid (PFDS)	0.19	U	0.19	0.095	ug/Kg	☼	10/03/25 14:04	10/04/25 11:23	1
Perfluorododecanesulfonic acid (PFDoS)	0.19	U	0.19	0.095	ug/Kg	☼	10/03/25 14:04	10/04/25 11:23	1
1H,1H,2H,2H-Perfluorohexane sulfonic acid (4:2 FTS)	0.38	U	0.38	0.19	ug/Kg	☼	10/03/25 14:04	10/04/25 11:23	1
1H,1H,2H,2H-Perfluorooctane sulfonic acid (6:2 FTS)	0.38	U	0.38	0.19	ug/Kg	☼	10/03/25 14:04	10/04/25 11:23	1
1H,1H,2H,2H-Perfluorodecane sulfonic acid (8:2 FTS)	0.38	U	0.38	0.19	ug/Kg	☼	10/03/25 14:04	10/04/25 11:23	1
Perfluorooctanesulfonamide (PFOSA)	0.19	U	0.19	0.095	ug/Kg	☼	10/03/25 14:04	10/04/25 11:23	1
N-methylperfluorooctane sulfonamide (NMeFOSA)	0.19	U	0.19	0.095	ug/Kg	☼	10/03/25 14:04	10/04/25 11:23	1
N-ethylperfluorooctane sulfonamide (NEtFOSA)	0.19	U	0.19	0.095	ug/Kg	☼	10/03/25 14:04	10/04/25 11:23	1
N-methylperfluorooctanesulfonamidoacetic acid (NMeFOSAA)	0.19	U	0.19	0.095	ug/Kg	☼	10/03/25 14:04	10/04/25 11:23	1
N-ethylperfluorooctanesulfonamidoacetic acid (NEtFOSAA)	0.19	U	0.19	0.095	ug/Kg	☼	10/03/25 14:04	10/04/25 11:23	1
N-methylperfluorooctane sulfonamidoethanol (NMeFOSE)	0.95	U	0.95	0.48	ug/Kg	☼	10/03/25 14:04	10/04/25 11:23	1
N-ethylperfluorooctane sulfonamidoethanol (NEtFOSE)	0.95	U	0.95	0.48	ug/Kg	☼	10/03/25 14:04	10/04/25 11:23	1
Hexafluoropropylene Oxide Dimer Acid (HFPO-DA)	0.19	U	0.19	0.095	ug/Kg	☼	10/03/25 14:04	10/04/25 11:23	1
4,8-Dioxa-3H-perfluorononanoic acid (ADONA)	0.19	U	0.19	0.095	ug/Kg	☼	10/03/25 14:04	10/04/25 11:23	1
Perfluoro-3-methoxypropanoic acid (PFMPA)	0.19	U	0.19	0.095	ug/Kg	☼	10/03/25 14:04	10/04/25 11:23	1
Perfluoro-4-methoxybutanoic acid (PFMBA)	0.19	U	0.19	0.095	ug/Kg	☼	10/03/25 14:04	10/04/25 11:23	1
Nonafluoro-3,6-dioxaheptanoic acid (NFDHA)	0.19	U	0.19	0.095	ug/Kg	☼	10/03/25 14:04	10/04/25 11:23	1
9-Chlorohexadecafluoro-3-oxanonane-1-sulfonic acid (9Cl-PF3ONS)	0.19	U	0.19	0.095	ug/Kg	☼	10/03/25 14:04	10/04/25 11:23	1
11-Chloroeicosafluoro-3-oxaundecane-1-sulfonic acid (11Cl-PF3OUdS)	0.19	U	0.19	0.095	ug/Kg	☼	10/03/25 14:04	10/04/25 11:23	1
Perfluoro (2-ethoxyethane) sulfonic acid (PFEESA)	0.19	U	0.19	0.095	ug/Kg	☼	10/03/25 14:04	10/04/25 11:23	1
3-Perfluoropropylpropanoic acid (3:3 FTCA)	0.38	U	0.38	0.19	ug/Kg	☼	10/03/25 14:04	10/04/25 11:23	1
3-Perfluoropentylpropanoic acid (5:3 FTCA)	0.95	U	0.95	0.48	ug/Kg	☼	10/03/25 14:04	10/04/25 11:23	1
3-Perfluoroheptylpropanoic acid (7:3 FTCA)	0.95	U	0.95	0.48	ug/Kg	☼	10/03/25 14:04	10/04/25 11:23	1

Isotope Dilution	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
13C4 PFBA	*94.1*		*8 - 130*	*10/03/25 14:04*	*10/04/25 11:23*	*1*
13C5 PFPeA	*91.0*		*35 - 130*	*10/03/25 14:04*	*10/04/25 11:23*	*1*
13C5 PFHxA	*89.9*		*40 - 130*	*10/03/25 14:04*	*10/04/25 11:23*	*1*
13C4 PFHpA	*90.2*		*40 - 130*	*10/03/25 14:04*	*10/04/25 11:23*	*1*
13C8 PFOA	*91.3*		*40 - 130*	*10/03/25 14:04*	*10/04/25 11:23*	*1*
13C9 PFNA	*90.8*		*40 - 130*	*10/03/25 14:04*	*10/04/25 11:23*	*1*
13C6 PFDA	*90.4*		*40 - 130*	*10/03/25 14:04*	*10/04/25 11:23*	*1*

Client Sample ID: 59E_0-6
Date Collected: 09/29/25 12:10
Date Received: 09/29/25 15:30

Lab Sample ID: 460-335975-9
Matrix: Solid
Percent Solids: 93.1

Method: EPA 1633A - Per- and Polyfluoroalkyl Substances by LC/MS/MS, 1633A (Continued)

Isotope Dilution	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
13C7 PFUnA	86.1		40 - 130	10/03/25 14:04	10/04/25 11:23	1
13C2 PFTeDA	67.4		20 - 130	10/03/25 14:04	10/04/25 11:23	1
13C3 PFBS	90.0		40 - 135	10/03/25 14:04	10/04/25 11:23	1
13C3 PFHxS	89.5		40 - 130	10/03/25 14:04	10/04/25 11:23	1
13C8 PFOS	85.3		40 - 130	10/03/25 14:04	10/04/25 11:23	1
13C8 FOSA	70.0		40 - 130	10/03/25 14:04	10/04/25 11:23	1
d3-NMeFOSAA	84.0		40 - 135	10/03/25 14:04	10/04/25 11:23	1
d5-NEtFOSAA	76.3		40 - 150	10/03/25 14:04	10/04/25 11:23	1
13C2 4:2 FTS	104		40 - 165	10/03/25 14:04	10/04/25 11:23	1
13C2 6:2 FTS	103		40 - 215	10/03/25 14:04	10/04/25 11:23	1
13C2 8:2 FTS	153		40 - 275	10/03/25 14:04	10/04/25 11:23	1
13C3 HFPO-DA	86.1		40 - 130	10/03/25 14:04	10/04/25 11:23	1
d7-N-MeFOSE-M	64.9		20 - 130	10/03/25 14:04	10/04/25 11:23	1
d9-N-EtFOSE-M	61.2		15 - 130	10/03/25 14:04	10/04/25 11:23	1
d5-NEtPFOSA	65.5		10 - 130	10/03/25 14:04	10/04/25 11:23	1
d3-NMePFOSA	64.8		10 - 130	10/03/25 14:04	10/04/25 11:23	1
13C2 PFDoA	77.6		40 - 130	10/03/25 14:04	10/04/25 11:23	1

Method: SW846 6020B - Metals (ICP/MS)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Aluminum	4690		15.9	4.4	mg/Kg	☼	10/03/25 19:40	10/05/25 14:14	1
Antimony	4.2		0.80	0.12	mg/Kg	☼	10/03/25 19:40	10/05/25 14:14	1
Arsenic	13.6		0.80	0.082	mg/Kg	☼	10/03/25 19:40	10/05/25 14:14	1
Barium	50.4		1.6	0.12	mg/Kg	☼	10/03/25 19:40	10/05/25 14:14	1
Beryllium	0.57		0.32	0.018	mg/Kg	☼	10/03/25 19:40	10/05/25 14:14	1
Cadmium	0.84		0.80	0.090	mg/Kg	☼	10/03/25 19:40	10/05/25 14:14	1
Calcium	1070		79.6	7.7	mg/Kg	☼	10/03/25 19:40	10/05/25 14:14	1
Chromium	14.8		1.6	0.24	mg/Kg	☼	10/03/25 19:40	10/05/25 14:14	1
Cobalt	5.6		0.80	0.12	mg/Kg	☼	10/03/25 19:40	10/05/25 14:14	1
Copper	100		1.6	0.29	mg/Kg	☼	10/03/25 19:40	10/05/25 14:14	1
Iron	21900		47.7	6.1	mg/Kg	☼	10/03/25 19:40	10/05/25 14:14	1
Lead	84.3		0.48	0.16	mg/Kg	☼	10/03/25 19:40	10/05/25 14:14	1
Magnesium	1380		79.6	8.1	mg/Kg	☼	10/03/25 19:40	10/05/25 14:14	1
Manganese	148		3.2	0.32	mg/Kg	☼	10/03/25 19:40	10/05/25 14:14	1
Nickel	13.5		1.6	0.14	mg/Kg	☼	10/03/25 19:40	10/05/25 14:14	1
Potassium	1270		79.6	12.9	mg/Kg	☼	10/03/25 19:40	10/05/25 14:14	1
Selenium	0.90	J	0.99	0.10	mg/Kg	☼	10/03/25 19:40	10/05/25 14:14	1
Silver	0.72		0.32	0.071	mg/Kg	☼	10/03/25 19:40	10/05/25 14:14	1
Sodium	66.0	J	79.6	36.4	mg/Kg	☼	10/03/25 19:40	10/05/25 14:14	1
Thallium	0.11	J	0.32	0.033	mg/Kg	☼	10/03/25 19:40	10/05/25 14:14	1
Vanadium	35.1		1.6	0.16	mg/Kg	☼	10/03/25 19:40	10/05/25 14:14	1
Zinc	105		6.4	0.87	mg/Kg	☼	10/03/25 19:40	10/05/25 14:14	1

Method: SW846 7471B - Mercury (CVAA)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	0.098		0.018	0.0083	mg/Kg	☼	10/06/25 01:32	10/06/25 12:04	1

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Percent Moisture (EPA Moisture)	6.9		1.0	1.0	%			10/02/25 17:22	1

Client Sample ID: 59E_0-6

Lab Sample ID: 460-335975-9

Date Collected: 09/29/25 12:10
Matrix: Solid
Date Received: 09/29/25 15:30
Percent Solids: 93.1

General Chemistry (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Percent Solids (EPA Moisture)	93.1		1.0	1.0	%			10/02/25 17:22	1

Client Sample ID: 59E_6-12

Lab Sample ID: 460-335975-10

Date Collected: 09/29/25 12:15
Matrix: Solid
Date Received: 09/29/25 15:30
Percent Solids: 89.6

Method: SW846 8270E - Semivolatile Organic Compounds (GC/MS)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1'-Biphenyl	0.37	U	0.37	0.013	mg/Kg	☼	09/30/25 22:25	10/01/25 11:49	1
1,2,4,5-Tetrachlorobenzene	0.37	U	0.37	0.011	mg/Kg	☼	09/30/25 22:25	10/01/25 11:49	1
1,4-Dioxane	0.037	U	0.037	0.032	mg/Kg	☼	09/30/25 22:25	10/01/25 11:49	1
2,2'-oxybis[1-chloropropane]	0.37	U	0.37	0.022	mg/Kg	☼	09/30/25 22:25	10/01/25 11:49	1
2,3,4,6-Tetrachlorophenol	0.37	U	0.37	0.025	mg/Kg	☼	09/30/25 22:25	10/01/25 11:49	1
2,4,5-Trichlorophenol	0.37	U	0.37	0.038	mg/Kg	☼	09/30/25 22:25	10/01/25 11:49	1
2,4,6-Trichlorophenol	0.15	U	0.15	0.047	mg/Kg	☼	09/30/25 22:25	10/01/25 11:49	1
2,4-Dichlorophenol	0.15	U	0.15	0.024	mg/Kg	☼	09/30/25 22:25	10/01/25 11:49	1
2,4-Dimethylphenol	0.37	U	0.37	0.044	mg/Kg	☼	09/30/25 22:25	10/01/25 11:49	1
2,4-Dinitrophenol	0.30	U	0.30	0.18	mg/Kg	☼	09/30/25 22:25	10/01/25 11:49	1
2,4-Dinitrotoluene	0.075	U	0.075	0.040	mg/Kg	☼	09/30/25 22:25	10/01/25 11:49	1
2,6-Dinitrotoluene	0.075	U	0.075	0.027	mg/Kg	☼	09/30/25 22:25	10/01/25 11:49	1
2-Chloronaphthalene	0.37	U	0.37	0.047	mg/Kg	☼	09/30/25 22:25	10/01/25 11:49	1
2-Chlorophenol	0.37	U	0.37	0.013	mg/Kg	☼	09/30/25 22:25	10/01/25 11:49	1
2-Methylnaphthalene	0.37	U	0.37	0.010	mg/Kg	☼	09/30/25 22:25	10/01/25 11:49	1
2-Methylphenol	0.37	U	0.37	0.014	mg/Kg	☼	09/30/25 22:25	10/01/25 11:49	1
2-Nitroaniline	0.37	U	0.37	0.028	mg/Kg	☼	09/30/25 22:25	10/01/25 11:49	1
2-Nitrophenol	0.37	U	0.37	0.037	mg/Kg	☼	09/30/25 22:25	10/01/25 11:49	1
3 & 4 Methylphenol	0.37	U	0.37	0.023	mg/Kg	☼	09/30/25 22:25	10/01/25 11:49	1
3,3'-Dichlorobenzidine	0.15	U	0.15	0.056	mg/Kg	☼	09/30/25 22:25	10/01/25 11:49	1
3-Nitroaniline	0.37	U	0.37	0.088	mg/Kg	☼	09/30/25 22:25	10/01/25 11:49	1
4,6-Dinitro-2-methylphenol	0.30	U	0.30	0.15	mg/Kg	☼	09/30/25 22:25	10/01/25 11:49	1
4-Bromophenyl phenyl ether	0.37	U	0.37	0.015	mg/Kg	☼	09/30/25 22:25	10/01/25 11:49	1
4-Chloro-3-methylphenol	0.37	U	0.37	0.021	mg/Kg	☼	09/30/25 22:25	10/01/25 11:49	1
4-Chloroaniline	0.37	U	0.37	0.065	mg/Kg	☼	09/30/25 22:25	10/01/25 11:49	1
4-Chlorophenyl phenyl ether	0.37	U	0.37	0.013	mg/Kg	☼	09/30/25 22:25	10/01/25 11:49	1
4-Methylphenol	0.37	U	0.37	0.023	mg/Kg	☼	09/30/25 22:25	10/01/25 11:49	1
4-Nitroaniline	0.37	U	0.37	0.094	mg/Kg	☼	09/30/25 22:25	10/01/25 11:49	1
4-Nitrophenol	0.75	U	0.75	0.060	mg/Kg	☼	09/30/25 22:25	10/01/25 11:49	1
Acenaphthene	0.37	U	0.37	0.011	mg/Kg	☼	09/30/25 22:25	10/01/25 11:49	1
Acenaphthylene	0.37	U	0.37	0.011	mg/Kg	☼	09/30/25 22:25	10/01/25 11:49	1
Acetophenone	0.37	U	0.37	0.018	mg/Kg	☼	09/30/25 22:25	10/01/25 11:49	1
Anthracene	0.37	U	0.37	0.011	mg/Kg	☼	09/30/25 22:25	10/01/25 11:49	1
Atrazine	0.15	U	0.15	0.022	mg/Kg	☼	09/30/25 22:25	10/01/25 11:49	1
Benzaldehyde	0.37	U	0.37	0.061	mg/Kg	☼	09/30/25 22:25	10/01/25 11:49	1
Benzo[a]anthracene	0.037	U	0.037	0.028	mg/Kg	☼	09/30/25 22:25	10/01/25 11:49	1
Benzo[a]pyrene	0.037	U	0.037	0.0098	mg/Kg	☼	09/30/25 22:25	10/01/25 11:49	1
Benzo[b]fluoranthene	0.037	U	0.037	0.0095	mg/Kg	☼	09/30/25 22:25	10/01/25 11:49	1
Benzo[g,h,i]perylene	0.37	U	0.37	0.011	mg/Kg	☼	09/30/25 22:25	10/01/25 11:49	1
Benzo[k]fluoranthene	0.037	U	0.037	0.0072	mg/Kg	☼	09/30/25 22:25	10/01/25 11:49	1
Bis(2-chloroethoxy)methane	0.37	U	0.37	0.068	mg/Kg	☼	09/30/25 22:25	10/01/25 11:49	1
Bis(2-chloroethyl)ether	0.037	U	0.037	0.013	mg/Kg	☼	09/30/25 22:25	10/01/25 11:49	1

Client Sample ID: 59E_6-12
Date Collected: 09/29/25 12:15
Date Received: 09/29/25 15:30

Lab Sample ID: 460-335975-10
Matrix: Solid
Percent Solids: 89.6

Method: SW846 8270E - Semivolatile Organic Compounds (GC/MS) (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Bis(2-ethylhexyl) phthalate	0.37	U	0.37	0.020	mg/Kg	☼	09/30/25 22:25	10/01/25 11:49	1
Butyl benzyl phthalate	0.37	U	0.37	0.017	mg/Kg	☼	09/30/25 22:25	10/01/25 11:49	1
Caprolactam	0.37	U	0.37	0.057	mg/Kg	☼	09/30/25 22:25	10/01/25 11:49	1
Carbazole	0.37	U	0.37	0.014	mg/Kg	☼	09/30/25 22:25	10/01/25 11:49	1
Chrysene	0.37	U	0.37	0.015	mg/Kg	☼	09/30/25 22:25	10/01/25 11:49	1
Dibenz(a,h)anthracene	0.037	U	0.037	0.016	mg/Kg	☼	09/30/25 22:25	10/01/25 11:49	1
Dibenzofuran	0.37	U	0.37	0.012	mg/Kg	☼	09/30/25 22:25	10/01/25 11:49	1
Diethyl phthalate	0.37	U	0.37	0.012	mg/Kg	☼	09/30/25 22:25	10/01/25 11:49	1
Dimethyl phthalate	0.37	U	0.37	0.084	mg/Kg	☼	09/30/25 22:25	10/01/25 11:49	1
Di-n-butyl phthalate	0.37	U	0.37	0.014	mg/Kg	☼	09/30/25 22:25	10/01/25 11:49	1
Di-n-octyl phthalate	0.37	U	0.37	0.020	mg/Kg	☼	09/30/25 22:25	10/01/25 11:49	1
Fluoranthene	0.37	U	0.37	0.013	mg/Kg	☼	09/30/25 22:25	10/01/25 11:49	1
Fluorene	0.37	U	0.37	0.011	mg/Kg	☼	09/30/25 22:25	10/01/25 11:49	1
Hexachlorobenzene	0.037	U	0.037	0.018	mg/Kg	☼	09/30/25 22:25	10/01/25 11:49	1
Hexachlorobutadiene	0.075	U	0.075	0.0078	mg/Kg	☼	09/30/25 22:25	10/01/25 11:49	1
Hexachlorocyclopentadiene	0.37	U	0.37	0.032	mg/Kg	☼	09/30/25 22:25	10/01/25 11:49	1
Hexachloroethane	0.037	U	0.037	0.013	mg/Kg	☼	09/30/25 22:25	10/01/25 11:49	1
Indeno[1,2,3-cd]pyrene	0.037	U	0.037	0.014	mg/Kg	☼	09/30/25 22:25	10/01/25 11:49	1
Isophorone	0.15	U	0.15	0.11	mg/Kg	☼	09/30/25 22:25	10/01/25 11:49	1
Naphthalene	0.37	U	0.37	0.0064	mg/Kg	☼	09/30/25 22:25	10/01/25 11:49	1
Nitrobenzene	0.037	U	0.037	0.020	mg/Kg	☼	09/30/25 22:25	10/01/25 11:49	1
N-Nitrosodi-n-propylamine	0.037	U	0.037	0.027	mg/Kg	☼	09/30/25 22:25	10/01/25 11:49	1
N-Nitrosodiphenylamine	0.37	U	0.37	0.030	mg/Kg	☼	09/30/25 22:25	10/01/25 11:49	1
Pentachlorophenol	0.30	U	0.30	0.076	mg/Kg	☼	09/30/25 22:25	10/01/25 11:49	1
Phenanthrene	0.37	U	0.37	0.015	mg/Kg	☼	09/30/25 22:25	10/01/25 11:49	1
Phenol	0.37	U	0.37	0.014	mg/Kg	☼	09/30/25 22:25	10/01/25 11:49	1
Pyrene	0.37	U	0.37	0.0092	mg/Kg	☼	09/30/25 22:25	10/01/25 11:49	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
2,4,6-Tribromophenol (Surr)	*55*		*18 - 137*	*09/30/25 22:25*	*10/01/25 11:49*	*1*
2-Fluorobiphenyl	*58*		*33 - 117*	*09/30/25 22:25*	*10/01/25 11:49*	*1*
2-Fluorophenol (Surr)	*63*		*24 - 120*	*09/30/25 22:25*	*10/01/25 11:49*	*1*
Nitrobenzene-d5 (Surr)	*60*		*27 - 120*	*09/30/25 22:25*	*10/01/25 11:49*	*1*
Phenol-d5 (Surr)	*61*		*28 - 118*	*09/30/25 22:25*	*10/01/25 11:49*	*1*
Terphenyl-d14 (Surr)	*66*		*33 - 124*	*09/30/25 22:25*	*10/01/25 11:49*	*1*

Method: SW846 8081B - Organochlorine Pesticides (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
4,4'-DDD	0.0075	U	0.0075	0.0013	mg/Kg	☼	09/30/25 16:49	10/01/25 09:41	1
4,4'-DDE	0.0075	U	0.0075	0.00088	mg/Kg	☼	09/30/25 16:49	10/01/25 09:41	1
4,4'-DDT	0.0075	U	0.0075	0.0014	mg/Kg	☼	09/30/25 16:49	10/01/25 09:41	1
Aldrin	0.0075	U	0.0075	0.0011	mg/Kg	☼	09/30/25 16:49	10/01/25 09:41	1
alpha-BHC	0.0022	U	0.0022	0.00076	mg/Kg	☼	09/30/25 16:49	10/01/25 09:41	1
beta-BHC	0.0022	U	0.0022	0.00084	mg/Kg	☼	09/30/25 16:49	10/01/25 09:41	1
Chlordane (technical)	0.075	U	0.075	0.018	mg/Kg	☼	09/30/25 16:49	10/01/25 09:41	1
cis-Chlordane	0.0075	U	0.0075	0.0012	mg/Kg	☼	09/30/25 16:49	10/01/25 09:41	1
delta-BHC	0.0022	U	0.0022	0.00046	mg/Kg	☼	09/30/25 16:49	10/01/25 09:41	1
Dieldrin	0.0022	U	0.0022	0.00097	mg/Kg	☼	09/30/25 16:49	10/01/25 09:41	1
Endosulfan I	0.0075	U	0.0075	0.0011	mg/Kg	☼	09/30/25 16:49	10/01/25 09:41	1
Endosulfan II	0.0075	U	0.0075	0.0019	mg/Kg	☼	09/30/25 16:49	10/01/25 09:41	1

Client Sample ID: 59E_6-12

Date Collected: 09/29/25 12:15
Date Received: 09/29/25 15:30

Lab Sample ID: 460-335975-10

Matrix: Solid
Percent Solids: 89.6

Method: SW846 8081B - Organochlorine Pesticides (GC) (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Endosulfan sulfate	0.0075	U	0.0075	0.00094	mg/Kg	☼	09/30/25 16:49	10/01/25 09:41	1
Endrin	0.0075	U	0.0075	0.0011	mg/Kg	☼	09/30/25 16:49	10/01/25 09:41	1
Endrin aldehyde	0.0075	U	0.0075	0.0018	mg/Kg	☼	09/30/25 16:49	10/01/25 09:41	1
Endrin ketone	0.0075	U	0.0075	0.0015	mg/Kg	☼	09/30/25 16:49	10/01/25 09:41	1
gamma-BHC (Lindane)	0.0022	U	0.0022	0.00069	mg/Kg	☼	09/30/25 16:49	10/01/25 09:41	1
Heptachlor	0.0075	U	0.0075	0.00088	mg/Kg	☼	09/30/25 16:49	10/01/25 09:41	1
Heptachlor epoxide	0.0075	U	0.0075	0.0011	mg/Kg	☼	09/30/25 16:49	10/01/25 09:41	1
Methoxychlor	0.0075	U	0.0075	0.0017	mg/Kg	☼	09/30/25 16:49	10/01/25 09:41	1
Toxaphene	0.075	U	0.075	0.027	mg/Kg	☼	09/30/25 16:49	10/01/25 09:41	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
DCB Decachlorobiphenyl	*107*		*10 - 150*	*09/30/25 16:49*	*10/01/25 09:41*	*1*
DCB Decachlorobiphenyl	*109*		*10 - 150*	*09/30/25 16:49*	*10/01/25 09:41*	*1*
Tetrachloro-m-xylene	*96*		*14 - 150*	*09/30/25 16:49*	*10/01/25 09:41*	*1*
Tetrachloro-m-xylene	*95*		*14 - 150*	*09/30/25 16:49*	*10/01/25 09:41*	*1*

Method: SW846 8082A - Polychlorinated Biphenyls (PCBs) by Gas Chromatography

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Aroclor 1016	0.075	U	0.075	0.020	mg/Kg	☼	09/30/25 16:45	10/01/25 14:53	1
Aroclor 1221	0.075	U	0.075	0.020	mg/Kg	☼	09/30/25 16:45	10/01/25 14:53	1
Aroclor 1232	0.075	U	0.075	0.020	mg/Kg	☼	09/30/25 16:45	10/01/25 14:53	1
Aroclor 1242	0.075	U	0.075	0.020	mg/Kg	☼	09/30/25 16:45	10/01/25 14:53	1
Aroclor 1248	0.075	U	0.075	0.020	mg/Kg	☼	09/30/25 16:45	10/01/25 14:53	1
Aroclor 1254	0.075	U	0.075	0.020	mg/Kg	☼	09/30/25 16:45	10/01/25 14:53	1
Aroclor 1260	0.075	U	0.075	0.020	mg/Kg	☼	09/30/25 16:45	10/01/25 14:53	1
Aroclor-1262	0.075	U	0.075	0.020	mg/Kg	☼	09/30/25 16:45	10/01/25 14:53	1
Aroclor 1268	0.075	U	0.075	0.020	mg/Kg	☼	09/30/25 16:45	10/01/25 14:53	1
Polychlorinated biphenyls, Total	0.075	U	0.075	0.020	mg/Kg	☼	09/30/25 16:45	10/01/25 14:53	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
DCB Decachlorobiphenyl	*85*		*10 - 150*	*09/30/25 16:45*	*10/01/25 14:53*	*1*
DCB Decachlorobiphenyl	*99*		*10 - 150*	*09/30/25 16:45*	*10/01/25 14:53*	*1*
Tetrachloro-m-xylene	*92*		*10 - 150*	*09/30/25 16:45*	*10/01/25 14:53*	*1*
Tetrachloro-m-xylene	*97*		*10 - 150*	*09/30/25 16:45*	*10/01/25 14:53*	*1*

Method: EPA 1633A - Per- and Polyfluoroalkyl Substances by LC/MS/MS, 1633A

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Perfluorobutanoic acid (PFBA)	0.40	U	0.40	0.10	ug/Kg	☼	10/03/25 14:04	10/04/25 11:37	1
Perfluoropentanoic acid (PFPeA)	0.20	U	0.20	0.10	ug/Kg	☼	10/03/25 14:04	10/04/25 11:37	1
Perfluorohexanoic acid (PFHxA)	0.20	U	0.20	0.10	ug/Kg	☼	10/03/25 14:04	10/04/25 11:37	1
Perfluoroheptanoic acid (PFHpA)	0.20	U	0.20	0.10	ug/Kg	☼	10/03/25 14:04	10/04/25 11:37	1
Perfluorooctanoic acid (PFOA)	**0.24**		0.20	0.060	ug/Kg	☼	10/03/25 14:04	10/04/25 11:37	1
Perfluorononanoic acid (PFNA)	**1.70**		0.20	0.10	ug/Kg	☼	10/03/25 14:04	10/04/25 11:37	1
Perfluorodecanoic acid (PFDA)	**0.57**		0.20	0.060	ug/Kg	☼	10/03/25 14:04	10/04/25 11:37	1
Perfluoroundecanoic acid (PFUnA)	**3.80**		0.20	0.10	ug/Kg	☼	10/03/25 14:04	10/04/25 11:37	1
Perfluorododecanoic acid (PFDoA)	**0.36**		0.20	0.10	ug/Kg	☼	10/03/25 14:04	10/04/25 11:37	1
Perfluorotridecanoic acid (PFTrDA)	**2.72**		0.20	0.10	ug/Kg	☼	10/03/25 14:04	10/04/25 11:37	1

Client Sample ID: 59E_6-12
Date Collected: 09/29/25 12:15
Date Received: 09/29/25 15:30

Lab Sample ID: 460-335975-10
Matrix: Solid
Percent Solids: 89.6

Method: EPA 1633A - Per- and Polyfluoroalkyl Substances by LC/MS/MS, 1633A (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Perfluorotetradecanoic acid (PFTeDA)	**0.12**	**J**	0.20	0.10	ug/Kg	☼	10/03/25 14:04	10/04/25 11:37	1
Perfluorobutanesulfonic acid (PFBS)	0.20	U	0.20	0.10	ug/Kg	☼	10/03/25 14:04	10/04/25 11:37	1
Perfluoropentanesulfonic acid (PFPeS)	0.20	U	0.20	0.10	ug/Kg	☼	10/03/25 14:04	10/04/25 11:37	1
Perfluorohexanesulfonic acid (PFHxS)	0.20	U	0.20	0.10	ug/Kg	☼	10/03/25 14:04	10/04/25 11:37	1
Perfluoroheptanesulfonic acid (PFHpS)	0.20	U	0.20	0.10	ug/Kg	☼	10/03/25 14:04	10/04/25 11:37	1
Perfluorooctanesulfonic acid (PFOS)	**0.20**		0.20	0.10	ug/Kg	☼	10/03/25 14:04	10/04/25 11:37	1
Perfluorononanesulfonic acid (PFNS)	0.20	U	0.20	0.10	ug/Kg	☼	10/03/25 14:04	10/04/25 11:37	1
Perfluorodecanesulfonic acid (PFDS)	0.20	U	0.20	0.10	ug/Kg	☼	10/03/25 14:04	10/04/25 11:37	1
Perfluorododecanesulfonic acid (PFDoS)	0.20	U	0.20	0.10	ug/Kg	☼	10/03/25 14:04	10/04/25 11:37	1
1H,1H,2H,2H-Perfluorohexane sulfonic acid (4:2 FTS)	0.40	U	0.40	0.20	ug/Kg	☼	10/03/25 14:04	10/04/25 11:37	1
1H,1H,2H,2H-Perfluorooctane sulfonic acid (6:2 FTS)	0.40	U	0.40	0.20	ug/Kg	☼	10/03/25 14:04	10/04/25 11:37	1
1H,1H,2H,2H-Perfluorodecane sulfonic acid (8:2 FTS)	**0.21**	**J**	0.40	0.20	ug/Kg	☼	10/03/25 14:04	10/04/25 11:37	1
Perfluorooctanesulfonamide (PFOSA)	0.20	U	0.20	0.10	ug/Kg	☼	10/03/25 14:04	10/04/25 11:37	1
N-methylperfluorooctane sulfonamide (NMeFOSA)	0.20	U	0.20	0.10	ug/Kg	☼	10/03/25 14:04	10/04/25 11:37	1
N-ethylperfluorooctane sulfonamide (NEtFOSA)	0.20	U	0.20	0.10	ug/Kg	☼	10/03/25 14:04	10/04/25 11:37	1
N-methylperfluorooctanesulfonamidoacetic acid (NMeFOSAA)	0.20	U	0.20	0.10	ug/Kg	☼	10/03/25 14:04	10/04/25 11:37	1
N-ethylperfluorooctanesulfonamidoacetic acid (NEtFOSAA)	0.20	U	0.20	0.10	ug/Kg	☼	10/03/25 14:04	10/04/25 11:37	1
N-methylperfluorooctane sulfonamidoethanol (NMeFOSE)	1.00	U	1.00	0.50	ug/Kg	☼	10/03/25 14:04	10/04/25 11:37	1
N-ethylperfluorooctane sulfonamidoethanol (NEtFOSE)	1.00	U	1.00	0.50	ug/Kg	☼	10/03/25 14:04	10/04/25 11:37	1
Hexafluoropropylene Oxide Dimer Acid (HFPO-DA)	0.20	U	0.20	0.10	ug/Kg	☼	10/03/25 14:04	10/04/25 11:37	1
4,8-Dioxa-3H-perfluorononanoic acid (ADONA)	0.20	U	0.20	0.10	ug/Kg	☼	10/03/25 14:04	10/04/25 11:37	1
Perfluoro-3-methoxypropanoic acid (PFMPA)	0.20	U	0.20	0.10	ug/Kg	☼	10/03/25 14:04	10/04/25 11:37	1
Perfluoro-4-methoxybutanoic acid (PFMBA)	0.20	U	0.20	0.10	ug/Kg	☼	10/03/25 14:04	10/04/25 11:37	1
Nonafluoro-3,6-dioxaheptanoic acid (NFDHA)	0.20	U	0.20	0.10	ug/Kg	☼	10/03/25 14:04	10/04/25 11:37	1
9-Chlorohexadecafluoro-3-oxanonane-1-sulfonic acid (9Cl-PF3ONS)	0.20	U	0.20	0.10	ug/Kg	☼	10/03/25 14:04	10/04/25 11:37	1
11-Chloroeicosafluoro-3-oxaundecane-1-sulfonic acid (11Cl-PF3OUdS)	0.20	U	0.20	0.10	ug/Kg	☼	10/03/25 14:04	10/04/25 11:37	1
Perfluoro (2-ethoxyethane) sulfonic acid (PFEESA)	0.20	U	0.20	0.10	ug/Kg	☼	10/03/25 14:04	10/04/25 11:37	1
3-Perfluoropropylpropanoic acid (3:3 FTCA)	0.40	U	0.40	0.20	ug/Kg	☼	10/03/25 14:04	10/04/25 11:37	1
3-Perfluoropentylpropanoic acid (5:3 FTCA)	1.00	U	1.00	0.50	ug/Kg	☼	10/03/25 14:04	10/04/25 11:37	1
3-Perfluoroheptylpropanoic acid (7:3 FTCA)	1.00	U	1.00	0.50	ug/Kg	☼	10/03/25 14:04	10/04/25 11:37	1

Client Sample ID: 59E_6-12

Date Collected: 09/29/25 12:15
Date Received: 09/29/25 15:30

Lab Sample ID: 460-335975-10

Matrix: Solid
Percent Solids: 89.6

Isotope Dilution	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
13C4 PFBA	103		8 - 130	10/03/25 14:04	10/04/25 11:37	1
13C5 PFPeA	97.7		35 - 130	10/03/25 14:04	10/04/25 11:37	1
13C5 PFHxA	98.5		40 - 130	10/03/25 14:04	10/04/25 11:37	1
13C4 PFHpA	99.2		40 - 130	10/03/25 14:04	10/04/25 11:37	1
13C8 PFOA	101		40 - 130	10/03/25 14:04	10/04/25 11:37	1
13C9 PFNA	99.0		40 - 130	10/03/25 14:04	10/04/25 11:37	1
13C6 PFDA	93.3		40 - 130	10/03/25 14:04	10/04/25 11:37	1
13C7 PFUnA	93.0		40 - 130	10/03/25 14:04	10/04/25 11:37	1
13C2 PFTeDA	78.3		20 - 130	10/03/25 14:04	10/04/25 11:37	1
13C3 PFBS	93.5		40 - 135	10/03/25 14:04	10/04/25 11:37	1
13C3 PFHxS	92.9		40 - 130	10/03/25 14:04	10/04/25 11:37	1
13C8 PFOS	92.3		40 - 130	10/03/25 14:04	10/04/25 11:37	1
13C8 FOSA	78.4		40 - 130	10/03/25 14:04	10/04/25 11:37	1
d3-NMeFOSAA	92.1		40 - 135	10/03/25 14:04	10/04/25 11:37	1
d5-NEtFOSAA	82.9		40 - 150	10/03/25 14:04	10/04/25 11:37	1
13C2 4:2 FTS	111		40 - 165	10/03/25 14:04	10/04/25 11:37	1
13C2 6:2 FTS	116		40 - 215	10/03/25 14:04	10/04/25 11:37	1
13C2 8:2 FTS	172		40 - 275	10/03/25 14:04	10/04/25 11:37	1
13C3 HFPO-DA	91.5		40 - 130	10/03/25 14:04	10/04/25 11:37	1
d7-N-MeFOSE-M	72.8		20 - 130	10/03/25 14:04	10/04/25 11:37	1
d9-N-EtFOSE-M	59.6		15 - 130	10/03/25 14:04	10/04/25 11:37	1
d5-NEtPFOSA	71.9		10 - 130	10/03/25 14:04	10/04/25 11:37	1
d3-NMePFOSA	73.9		10 - 130	10/03/25 14:04	10/04/25 11:37	1
13C2 PFDoA	76.9		40 - 130	10/03/25 14:04	10/04/25 11:37	1

Method: SW846 6020B - Metals (ICP/MS)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Aluminum	5680		17.9	4.9	mg/Kg	☼	10/03/25 19:40	10/05/25 14:17	1
Antimony	1.8		0.89	0.13	mg/Kg	☼	10/03/25 19:40	10/05/25 14:17	1
Arsenic	7.9		0.89	0.092	mg/Kg	☼	10/03/25 19:40	10/05/25 14:17	1
Barium	45.0		1.8	0.13	mg/Kg	☼	10/03/25 19:40	10/05/25 14:17	1
Beryllium	0.57		0.36	0.020	mg/Kg	☼	10/03/25 19:40	10/05/25 14:17	1
Cadmium	0.31	J	0.89	0.10	mg/Kg	☼	10/03/25 19:40	10/05/25 14:17	1
Calcium	1430		89.3	8.7	mg/Kg	☼	10/03/25 19:40	10/05/25 14:17	1
Chromium	16.7		1.8	0.27	mg/Kg	☼	10/03/25 19:40	10/05/25 14:17	1
Cobalt	5.1		0.89	0.13	mg/Kg	☼	10/03/25 19:40	10/05/25 14:17	1
Copper	46.8		1.8	0.33	mg/Kg	☼	10/03/25 19:40	10/05/25 14:17	1
Iron	19400		53.6	6.8	mg/Kg	☼	10/03/25 19:40	10/05/25 14:17	1
Lead	101		0.54	0.18	mg/Kg	☼	10/03/25 19:40	10/05/25 14:17	1
Magnesium	1570		89.3	9.1	mg/Kg	☼	10/03/25 19:40	10/05/25 14:17	1
Manganese	165		3.6	0.36	mg/Kg	☼	10/03/25 19:40	10/05/25 14:17	1
Nickel	11.6		1.8	0.16	mg/Kg	☼	10/03/25 19:40	10/05/25 14:17	1
Potassium	1420		89.3	14.5	mg/Kg	☼	10/03/25 19:40	10/05/25 14:17	1
Selenium	0.26	J	1.1	0.11	mg/Kg	☼	10/03/25 19:40	10/05/25 14:17	1
Silver	0.25	J	0.36	0.079	mg/Kg	☼	10/03/25 19:40	10/05/25 14:17	1
Sodium	70.6	J	89.3	40.8	mg/Kg	☼	10/03/25 19:40	10/05/25 14:17	1
Thallium	0.079	J	0.36	0.037	mg/Kg	☼	10/03/25 19:40	10/05/25 14:17	1
Vanadium	23.8		1.8	0.18	mg/Kg	☼	10/03/25 19:40	10/05/25 14:17	1
Zinc	81.4		7.1	0.97	mg/Kg	☼	10/03/25 19:40	10/05/25 14:17	1

Client Sample ID: 59E_6-12

Lab Sample ID: 460-335975-10

Date Collected: 09/29/25 12:15

Matrix: Solid

Date Received: 09/29/25 15:30

Percent Solids: 89.6

Method: SW846 7471B - Mercury (CVAA)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	0.049		0.017	0.0080	mg/Kg	☼	10/06/25 01:32	10/06/25 11:46	1

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Percent Moisture (EPA Moisture)	10.4		1.0	1.0	%			10/02/25 17:22	1
Percent Solids (EPA Moisture)	89.6		1.0	1.0	%			10/02/25 17:22	1

Client Sample ID: 59F_0-6

Lab Sample ID: 460-335975-11

Date Collected: 09/29/25 12:20

Matrix: Solid

Date Received: 09/29/25 15:30

Percent Solids: 96.7

Method: SW846 8270E - Semivolatile Organic Compounds (GC/MS)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1'-Biphenyl	0.34	U	0.34	0.012	mg/Kg	☼	09/30/25 22:25	10/01/25 12:11	1
1,2,4,5-Tetrachlorobenzene	0.34	U	0.34	0.011	mg/Kg	☼	09/30/25 22:25	10/01/25 12:11	1
1,4-Dioxane	0.034	U	0.034	0.030	mg/Kg	☼	09/30/25 22:25	10/01/25 12:11	1
2,2'-oxybis[1-chloropropane]	0.34	U	0.34	0.020	mg/Kg	☼	09/30/25 22:25	10/01/25 12:11	1
2,3,4,6-Tetrachlorophenol	0.34	U	0.34	0.023	mg/Kg	☼	09/30/25 22:25	10/01/25 12:11	1
2,4,5-Trichlorophenol	0.34	U	0.34	0.035	mg/Kg	☼	09/30/25 22:25	10/01/25 12:11	1
2,4,6-Trichlorophenol	0.14	U	0.14	0.044	mg/Kg	☼	09/30/25 22:25	10/01/25 12:11	1
2,4-Dichlorophenol	0.14	U	0.14	0.022	mg/Kg	☼	09/30/25 22:25	10/01/25 12:11	1
2,4-Dimethylphenol	0.34	U	0.34	0.041	mg/Kg	☼	09/30/25 22:25	10/01/25 12:11	1
2,4-Dinitrophenol	0.27	U	0.27	0.17	mg/Kg	☼	09/30/25 22:25	10/01/25 12:11	1
2,4-Dinitrotoluene	0.069	U	0.069	0.037	mg/Kg	☼	09/30/25 22:25	10/01/25 12:11	1
2,6-Dinitrotoluene	0.069	U	0.069	0.025	mg/Kg	☼	09/30/25 22:25	10/01/25 12:11	1
2-Chloronaphthalene	0.34	U	0.34	0.044	mg/Kg	☼	09/30/25 22:25	10/01/25 12:11	1
2-Chlorophenol	0.34	U	0.34	0.012	mg/Kg	☼	09/30/25 22:25	10/01/25 12:11	1
2-Methylnaphthalene	0.34	U	0.34	0.0095	mg/Kg	☼	09/30/25 22:25	10/01/25 12:11	1
2-Methylphenol	0.34	U	0.34	0.013	mg/Kg	☼	09/30/25 22:25	10/01/25 12:11	1
2-Nitroaniline	0.34	U	0.34	0.026	mg/Kg	☼	09/30/25 22:25	10/01/25 12:11	1
2-Nitrophenol	0.34	U	0.34	0.034	mg/Kg	☼	09/30/25 22:25	10/01/25 12:11	1
3 & 4 Methylphenol	0.34	U	0.34	0.021	mg/Kg	☼	09/30/25 22:25	10/01/25 12:11	1
3,3'-Dichlorobenzidine	0.14	U	0.14	0.051	mg/Kg	☼	09/30/25 22:25	10/01/25 12:11	1
3-Nitroaniline	0.34	U	0.34	0.081	mg/Kg	☼	09/30/25 22:25	10/01/25 12:11	1
4,6-Dinitro-2-methylphenol	0.27	U	0.27	0.14	mg/Kg	☼	09/30/25 22:25	10/01/25 12:11	1
4-Bromophenyl phenyl ether	0.34	U	0.34	0.014	mg/Kg	☼	09/30/25 22:25	10/01/25 12:11	1
4-Chloro-3-methylphenol	0.34	U	0.34	0.019	mg/Kg	☼	09/30/25 22:25	10/01/25 12:11	1
4-Chloroaniline	0.34	U	0.34	0.060	mg/Kg	☼	09/30/25 22:25	10/01/25 12:11	1
4-Chlorophenyl phenyl ether	0.34	U	0.34	0.012	mg/Kg	☼	09/30/25 22:25	10/01/25 12:11	1
4-Methylphenol	0.34	U	0.34	0.021	mg/Kg	☼	09/30/25 22:25	10/01/25 12:11	1
4-Nitroaniline	0.34	U	0.34	0.086	mg/Kg	☼	09/30/25 22:25	10/01/25 12:11	1
4-Nitrophenol	0.69	U	0.69	0.056	mg/Kg	☼	09/30/25 22:25	10/01/25 12:11	1
Acenaphthene	0.34	U	0.34	0.0097	mg/Kg	☼	09/30/25 22:25	10/01/25 12:11	1
Acenaphthylene	0.34	U	0.34	0.0097	mg/Kg	☼	09/30/25 22:25	10/01/25 12:11	1
Acetophenone	0.34	U	0.34	0.017	mg/Kg	☼	09/30/25 22:25	10/01/25 12:11	1
Anthracene	0.34	U	0.34	0.010	mg/Kg	☼	09/30/25 22:25	10/01/25 12:11	1
Atrazine	0.14	U	0.14	0.020	mg/Kg	☼	09/30/25 22:25	10/01/25 12:11	1
Benzaldehyde	0.34	U	0.34	0.056	mg/Kg	☼	09/30/25 22:25	10/01/25 12:11	1
Benzo[a]anthracene	0.034	U	0.034	0.026	mg/Kg	☼	09/30/25 22:25	10/01/25 12:11	1
Benzo[a]pyrene	0.034	U	0.034	0.0091	mg/Kg	☼	09/30/25 22:25	10/01/25 12:11	1

Client Sample ID: 59F_0-6
Date Collected: 09/29/25 12:20
Date Received: 09/29/25 15:30

Lab Sample ID: 460-335975-11
Matrix: Solid
Percent Solids: 96.7

Method: SW846 8270E - Semivolatile Organic Compounds (GC/MS) (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzo[b]fluoranthene	0.034	U	0.034	0.0088	mg/Kg	☼	09/30/25 22:25	10/01/25 12:11	1
Benzo[g,h,i]perylene	0.34	U	0.34	0.010	mg/Kg	☼	09/30/25 22:25	10/01/25 12:11	1
Benzo[k]fluoranthene	0.034	U	0.034	0.0067	mg/Kg	☼	09/30/25 22:25	10/01/25 12:11	1
Bis(2-chloroethoxy)methane	0.34	U	0.34	0.063	mg/Kg	☼	09/30/25 22:25	10/01/25 12:11	1
Bis(2-chloroethyl)ether	0.034	U	0.034	0.012	mg/Kg	☼	09/30/25 22:25	10/01/25 12:11	1
Bis(2-ethylhexyl) phthalate	0.34	U	0.34	0.018	mg/Kg	☼	09/30/25 22:25	10/01/25 12:11	1
Butyl benzyl phthalate	0.34	U	0.34	0.016	mg/Kg	☼	09/30/25 22:25	10/01/25 12:11	1
Caprolactam	0.34	U	0.34	0.053	mg/Kg	☼	09/30/25 22:25	10/01/25 12:11	1
Carbazole	0.34	U	0.34	0.013	mg/Kg	☼	09/30/25 22:25	10/01/25 12:11	1
Chrysene	0.34	U	0.34	0.014	mg/Kg	☼	09/30/25 22:25	10/01/25 12:11	1
Dibenz(a,h)anthracene	0.034	U	0.034	0.015	mg/Kg	☼	09/30/25 22:25	10/01/25 12:11	1
Dibenzofuran	0.34	U	0.34	0.011	mg/Kg	☼	09/30/25 22:25	10/01/25 12:11	1
Diethyl phthalate	0.34	U	0.34	0.011	mg/Kg	☼	09/30/25 22:25	10/01/25 12:11	1
Dimethyl phthalate	0.34	U	0.34	0.077	mg/Kg	☼	09/30/25 22:25	10/01/25 12:11	1
Di-n-butyl phthalate	0.34	U	0.34	0.013	mg/Kg	☼	09/30/25 22:25	10/01/25 12:11	1
Di-n-octyl phthalate	0.34	U	0.34	0.018	mg/Kg	☼	09/30/25 22:25	10/01/25 12:11	1
Fluoranthene	0.34	U	0.34	0.012	mg/Kg	☼	09/30/25 22:25	10/01/25 12:11	1
Fluorene	0.34	U	0.34	0.010	mg/Kg	☼	09/30/25 22:25	10/01/25 12:11	1
Hexachlorobenzene	0.034	U	0.034	0.016	mg/Kg	☼	09/30/25 22:25	10/01/25 12:11	1
Hexachlorobutadiene	0.069	U	0.069	0.0072	mg/Kg	☼	09/30/25 22:25	10/01/25 12:11	1
Hexachlorocyclopentadiene	0.34	U	0.34	0.030	mg/Kg	☼	09/30/25 22:25	10/01/25 12:11	1
Hexachloroethane	0.034	U	0.034	0.012	mg/Kg	☼	09/30/25 22:25	10/01/25 12:11	1
Indeno[1,2,3-cd]pyrene	0.034	U	0.034	0.013	mg/Kg	☼	09/30/25 22:25	10/01/25 12:11	1
Isophorone	0.14	U	0.14	0.098	mg/Kg	☼	09/30/25 22:25	10/01/25 12:11	1
Naphthalene	0.34	U	0.34	0.0059	mg/Kg	☼	09/30/25 22:25	10/01/25 12:11	1
Nitrobenzene	0.034	U	0.034	0.019	mg/Kg	☼	09/30/25 22:25	10/01/25 12:11	1
N-Nitrosodi-n-propylamine	0.034	U	0.034	0.025	mg/Kg	☼	09/30/25 22:25	10/01/25 12:11	1
N-Nitrosodiphenylamine	0.34	U	0.34	0.028	mg/Kg	☼	09/30/25 22:25	10/01/25 12:11	1
Pentachlorophenol	0.27	U	0.27	0.070	mg/Kg	☼	09/30/25 22:25	10/01/25 12:11	1
Phenanthrene	0.34	U	0.34	0.014	mg/Kg	☼	09/30/25 22:25	10/01/25 12:11	1
Phenol	0.34	U	0.34	0.013	mg/Kg	☼	09/30/25 22:25	10/01/25 12:11	1
Pyrene	0.34	U	0.34	0.0085	mg/Kg	☼	09/30/25 22:25	10/01/25 12:11	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
2,4,6-Tribromophenol (Surr)	*55*		*18 - 137*	*09/30/25 22:25*	*10/01/25 12:11*	*1*
2-Fluorobiphenyl	*56*		*33 - 117*	*09/30/25 22:25*	*10/01/25 12:11*	*1*
2-Fluorophenol (Surr)	*61*		*24 - 120*	*09/30/25 22:25*	*10/01/25 12:11*	*1*
Nitrobenzene-d5 (Surr)	*59*		*27 - 120*	*09/30/25 22:25*	*10/01/25 12:11*	*1*
Phenol-d5 (Surr)	*60*		*28 - 118*	*09/30/25 22:25*	*10/01/25 12:11*	*1*
Terphenyl-d14 (Surr)	*63*		*33 - 124*	*09/30/25 22:25*	*10/01/25 12:11*	*1*

Method: SW846 8081B - Organochlorine Pesticides (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
4,4'-DDD	0.0069	U	0.0069	0.0012	mg/Kg	☼	09/30/25 16:49	10/01/25 09:29	1
4,4'-DDE	0.0069	U	0.0069	0.00082	mg/Kg	☼	09/30/25 16:49	10/01/25 09:29	1
4,4'-DDT	0.0069	U	0.0069	0.0013	mg/Kg	☼	09/30/25 16:49	10/01/25 09:29	1
Aldrin	0.0069	U	0.0069	0.0010	mg/Kg	☼	09/30/25 16:49	10/01/25 09:29	1
alpha-BHC	0.0021	U	0.0021	0.00070	mg/Kg	☼	09/30/25 16:49	10/01/25 09:29	1
beta-BHC	0.0021	U	0.0021	0.00078	mg/Kg	☼	09/30/25 16:49	10/01/25 09:29	1
Chlordane (technical)	0.069	U	0.069	0.017	mg/Kg	☼	09/30/25 16:49	10/01/25 09:29	1

Client Sample ID: 59F_0-6

Date Collected: 09/29/25 12:20
Date Received: 09/29/25 15:30

Lab Sample ID: 460-335975-11

Matrix: Solid
Percent Solids: 96.7

Method: SW846 8081B - Organochlorine Pesticides (GC) (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
cis-Chlordane	0.0069	U	0.0069	0.0011	mg/Kg	☼	09/30/25 16:49	10/01/25 09:29	1
delta-BHC	0.0021	U	0.0021	0.00042	mg/Kg	☼	09/30/25 16:49	10/01/25 09:29	1
Dieldrin	0.0021	U	0.0021	0.00090	mg/Kg	☼	09/30/25 16:49	10/01/25 09:29	1
Endosulfan I	0.0069	U	0.0069	0.0011	mg/Kg	☼	09/30/25 16:49	10/01/25 09:29	1
Endosulfan II	0.0069	U	0.0069	0.0018	mg/Kg	☼	09/30/25 16:49	10/01/25 09:29	1
Endosulfan sulfate	0.0069	U	0.0069	0.00087	mg/Kg	☼	09/30/25 16:49	10/01/25 09:29	1
Endrin	0.0069	U	0.0069	0.00099	mg/Kg	☼	09/30/25 16:49	10/01/25 09:29	1
Endrin aldehyde	0.0069	U	0.0069	0.0016	mg/Kg	☼	09/30/25 16:49	10/01/25 09:29	1
Endrin ketone	0.0069	U	0.0069	0.0013	mg/Kg	☼	09/30/25 16:49	10/01/25 09:29	1
gamma-BHC (Lindane)	0.0021	U	0.0021	0.00064	mg/Kg	☼	09/30/25 16:49	10/01/25 09:29	1
Heptachlor	0.0069	U	0.0069	0.00082	mg/Kg	☼	09/30/25 16:49	10/01/25 09:29	1
Heptachlor epoxide	0.0069	U	0.0069	0.0010	mg/Kg	☼	09/30/25 16:49	10/01/25 09:29	1
Methoxychlor	0.0069	U	0.0069	0.0016	mg/Kg	☼	09/30/25 16:49	10/01/25 09:29	1
Toxaphene	0.069	U	0.069	0.025	mg/Kg	☼	09/30/25 16:49	10/01/25 09:29	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
DCB Decachlorobiphenyl	*121*		*10 - 150*	*09/30/25 16:49*	*10/01/25 09:29*	*1*
DCB Decachlorobiphenyl	*126*		*10 - 150*	*09/30/25 16:49*	*10/01/25 09:29*	*1*
Tetrachloro-m-xylene	*109*		*14 - 150*	*09/30/25 16:49*	*10/01/25 09:29*	*1*
Tetrachloro-m-xylene	*109*		*14 - 150*	*09/30/25 16:49*	*10/01/25 09:29*	*1*

Method: SW846 8082A - Polychlorinated Biphenyls (PCBs) by Gas Chromatography

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Aroclor 1016	0.069	U	0.069	0.018	mg/Kg	☼	09/30/25 16:45	10/01/25 15:10	1
Aroclor 1221	0.069	U	0.069	0.018	mg/Kg	☼	09/30/25 16:45	10/01/25 15:10	1
Aroclor 1232	0.069	U	0.069	0.018	mg/Kg	☼	09/30/25 16:45	10/01/25 15:10	1
Aroclor 1242	0.069	U	0.069	0.018	mg/Kg	☼	09/30/25 16:45	10/01/25 15:10	1
Aroclor 1248	0.069	U	0.069	0.018	mg/Kg	☼	09/30/25 16:45	10/01/25 15:10	1
Aroclor 1254	0.069	U	0.069	0.018	mg/Kg	☼	09/30/25 16:45	10/01/25 15:10	1
Aroclor 1260	0.069	U	0.069	0.018	mg/Kg	☼	09/30/25 16:45	10/01/25 15:10	1
Aroclor-1262	0.069	U	0.069	0.018	mg/Kg	☼	09/30/25 16:45	10/01/25 15:10	1
Aroclor 1268	0.069	U	0.069	0.018	mg/Kg	☼	09/30/25 16:45	10/01/25 15:10	1
Polychlorinated biphenyls, Total	0.069	U	0.069	0.018	mg/Kg	☼	09/30/25 16:45	10/01/25 15:10	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
DCB Decachlorobiphenyl	*88*		*10 - 150*	*09/30/25 16:45*	*10/01/25 15:10*	*1*
DCB Decachlorobiphenyl	*102*		*10 - 150*	*09/30/25 16:45*	*10/01/25 15:10*	*1*
Tetrachloro-m-xylene	*96*		*10 - 150*	*09/30/25 16:45*	*10/01/25 15:10*	*1*
Tetrachloro-m-xylene	*102*		*10 - 150*	*09/30/25 16:45*	*10/01/25 15:10*	*1*

Method: EPA 1633A - Per- and Polyfluoroalkyl Substances by LC/MS/MS, 1633A

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Perfluorobutanoic acid (PFBA)	**0.12**	**J**	0.38	0.095	ug/Kg	☼	10/03/25 14:04	10/04/25 11:50	1
Perfluoropentanoic acid (PFPeA)	**0.30**		0.19	0.095	ug/Kg	☼	10/03/25 14:04	10/04/25 11:50	1
Perfluorohexanoic acid (PFHxA)	**0.15**	**J**	0.19	0.095	ug/Kg	☼	10/03/25 14:04	10/04/25 11:50	1
Perfluoroheptanoic acid (PFHpA)	**0.19**		0.19	0.095	ug/Kg	☼	10/03/25 14:04	10/04/25 11:50	1
Perfluorooctanoic acid (PFOA)	**0.24**		0.19	0.057	ug/Kg	☼	10/03/25 14:04	10/04/25 11:50	1
Perfluorononanoic acid (PFNA)	**0.46**		0.19	0.095	ug/Kg	☼	10/03/25 14:04	10/04/25 11:50	1
Perfluorodecanoic acid (PFDA)	**0.23**		0.19	0.057	ug/Kg	☼	10/03/25 14:04	10/04/25 11:50	1
Perfluoroundecanoic acid (PFUnA)	**1.12**		0.19	0.095	ug/Kg	☼	10/03/25 14:04	10/04/25 11:50	1

Client Sample ID: 59F_0-6
Date Collected: 09/29/25 12:20
Date Received: 09/29/25 15:30

Lab Sample ID: 460-335975-11
Matrix: Solid
Percent Solids: 96.7

Method: EPA 1633A - Per- and Polyfluoroalkyl Substances by LC/MS/MS, 1633A (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Perfluorododecanoic acid (PFDoA)	**0.13**	**J**	0.19	0.095	ug/Kg	☼	10/03/25 14:04	10/04/25 11:50	1
Perfluorotridecanoic acid (PFTrDA)	**3.82**		0.19	0.095	ug/Kg	☼	10/03/25 14:04	10/04/25 11:50	1
Perfluorotetradecanoic acid (PFTeDA)	0.19	U	0.19	0.095	ug/Kg	☼	10/03/25 14:04	10/04/25 11:50	1
Perfluorobutanesulfonic acid (PFBS)	0.19	U	0.19	0.095	ug/Kg	☼	10/03/25 14:04	10/04/25 11:50	1
Perfluoropentanesulfonic acid (PFPeS)	0.19	U	0.19	0.095	ug/Kg	☼	10/03/25 14:04	10/04/25 11:50	1
Perfluorohexanesulfonic acid (PFHxS)	0.19	U	0.19	0.095	ug/Kg	☼	10/03/25 14:04	10/04/25 11:50	1
Perfluoroheptanesulfonic acid (PFHpS)	0.19	U	0.19	0.095	ug/Kg	☼	10/03/25 14:04	10/04/25 11:50	1
Perfluorooctanesulfonic acid (PFOS)	0.19	U	0.19	0.095	ug/Kg	☼	10/03/25 14:04	10/04/25 11:50	1
Perfluorononanesulfonic acid (PFNS)	0.19	U	0.19	0.095	ug/Kg	☼	10/03/25 14:04	10/04/25 11:50	1
Perfluorodecanesulfonic acid (PFDS)	0.19	U	0.19	0.095	ug/Kg	☼	10/03/25 14:04	10/04/25 11:50	1
Perfluorododecanesulfonic acid (PFDoS)	0.19	U	0.19	0.095	ug/Kg	☼	10/03/25 14:04	10/04/25 11:50	1
1H,1H,2H,2H-Perfluorohexane sulfonic acid (4:2 FTS)	0.38	U	0.38	0.19	ug/Kg	☼	10/03/25 14:04	10/04/25 11:50	1
1H,1H,2H,2H-Perfluorooctane sulfonic acid (6:2 FTS)	0.38	U	0.38	0.19	ug/Kg	☼	10/03/25 14:04	10/04/25 11:50	1
1H,1H,2H,2H-Perfluorodecane sulfonic acid (8:2 FTS)	0.38	U	0.38	0.19	ug/Kg	☼	10/03/25 14:04	10/04/25 11:50	1
Perfluorooctanesulfonamide (PFOSA)	0.19	U	0.19	0.095	ug/Kg	☼	10/03/25 14:04	10/04/25 11:50	1
N-methylperfluorooctane sulfonamide (NMeFOSA)	0.19	U	0.19	0.095	ug/Kg	☼	10/03/25 14:04	10/04/25 11:50	1
N-ethylperfluorooctane sulfonamide (NEtFOSA)	0.19	U	0.19	0.095	ug/Kg	☼	10/03/25 14:04	10/04/25 11:50	1
N-methylperfluorooctanesulfonamidoacetic acid (NMeFOSAA)	0.19	U	0.19	0.095	ug/Kg	☼	10/03/25 14:04	10/04/25 11:50	1
N-ethylperfluorooctanesulfonamidoacetic acid (NEtFOSAA)	0.19	U	0.19	0.095	ug/Kg	☼	10/03/25 14:04	10/04/25 11:50	1
N-methylperfluorooctane sulfonamidoethanol (NMeFOSE)	0.95	U	0.95	0.48	ug/Kg	☼	10/03/25 14:04	10/04/25 11:50	1
N-ethylperfluorooctane sulfonamidoethanol (NEtFOSE)	0.95	U	0.95	0.48	ug/Kg	☼	10/03/25 14:04	10/04/25 11:50	1
Hexafluoropropylene Oxide Dimer Acid (HFPO-DA)	0.19	U	0.19	0.095	ug/Kg	☼	10/03/25 14:04	10/04/25 11:50	1
4,8-Dioxa-3H-perfluorononanoic acid (ADONA)	0.19	U	0.19	0.095	ug/Kg	☼	10/03/25 14:04	10/04/25 11:50	1
Perfluoro-3-methoxypropanoic acid (PFMPA)	0.19	U	0.19	0.095	ug/Kg	☼	10/03/25 14:04	10/04/25 11:50	1
Perfluoro-4-methoxybutanoic acid (PFMBA)	0.19	U	0.19	0.095	ug/Kg	☼	10/03/25 14:04	10/04/25 11:50	1
Nonafluoro-3,6-dioxaheptanoic acid (NFDHA)	0.19	U	0.19	0.095	ug/Kg	☼	10/03/25 14:04	10/04/25 11:50	1
9-Chlorohexadecafluoro-3-oxanonane-1-sulfonic acid (9Cl-PF3ONS)	0.19	U	0.19	0.095	ug/Kg	☼	10/03/25 14:04	10/04/25 11:50	1
11-Chloroeicosafluoro-3-oxaundecane-1-sulfonic acid (11Cl-PF3OUdS)	0.19	U	0.19	0.095	ug/Kg	☼	10/03/25 14:04	10/04/25 11:50	1
Perfluoro (2-ethoxyethane) sulfonic acid (PFEESA)	0.19	U	0.19	0.095	ug/Kg	☼	10/03/25 14:04	10/04/25 11:50	1
3-Perfluoropropylpropanoic acid (3:3 FTCA)	0.38	U	0.38	0.19	ug/Kg	☼	10/03/25 14:04	10/04/25 11:50	1
3-Perfluoropentylpropanoic acid (5:3 FTCA)	0.95	U	0.95	0.48	ug/Kg	☼	10/03/25 14:04	10/04/25 11:50	1

Client Sample ID: 59F_0-6
Date Collected: 09/29/25 12:20
Date Received: 09/29/25 15:30

Lab Sample ID: 460-335975-11
Matrix: Solid
Percent Solids: 96.7

Method: EPA 1633A - Per- and Polyfluoroalkyl Substances by LC/MS/MS, 1633A (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
3-Perfluoroheptylpropanoic acid (7:3 FTCA)	0.95	U	0.95	0.48	ug/Kg	☼	10/03/25 14:04	10/04/25 11:50	1

Isotope Dilution	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
13C4 PFBA	*104*		*8 - 130*	*10/03/25 14:04*	*10/04/25 11:50*	*1*
13C5 PFPeA	*96.1*		*35 - 130*	*10/03/25 14:04*	*10/04/25 11:50*	*1*
13C5 PFHxA	*98.0*		*40 - 130*	*10/03/25 14:04*	*10/04/25 11:50*	*1*
13C4 PFHpA	*102*		*40 - 130*	*10/03/25 14:04*	*10/04/25 11:50*	*1*
13C8 PFOA	*100*		*40 - 130*	*10/03/25 14:04*	*10/04/25 11:50*	*1*
13C9 PFNA	*99.7*		*40 - 130*	*10/03/25 14:04*	*10/04/25 11:50*	*1*
13C6 PFDA	*97.3*		*40 - 130*	*10/03/25 14:04*	*10/04/25 11:50*	*1*
13C7 PFUnA	*90.0*		*40 - 130*	*10/03/25 14:04*	*10/04/25 11:50*	*1*
13C2 PFTeDA	*48.1*		*20 - 130*	*10/03/25 14:04*	*10/04/25 11:50*	*1*
13C3 PFBS	*96.2*		*40 - 135*	*10/03/25 14:04*	*10/04/25 11:50*	*1*
13C3 PFHxS	*97.7*		*40 - 130*	*10/03/25 14:04*	*10/04/25 11:50*	*1*
13C8 PFOS	*96.9*		*40 - 130*	*10/03/25 14:04*	*10/04/25 11:50*	*1*
13C8 FOSA	*79.8*		*40 - 130*	*10/03/25 14:04*	*10/04/25 11:50*	*1*
d3-NMeFOSAA	*75.7*		*40 - 135*	*10/03/25 14:04*	*10/04/25 11:50*	*1*
d5-NEtFOSAA	*65.7*		*40 - 150*	*10/03/25 14:04*	*10/04/25 11:50*	*1*
13C2 4:2 FTS	*107*		*40 - 165*	*10/03/25 14:04*	*10/04/25 11:50*	*1*
13C2 6:2 FTS	*109*		*40 - 215*	*10/03/25 14:04*	*10/04/25 11:50*	*1*
13C2 8:2 FTS	*173*		*40 - 275*	*10/03/25 14:04*	*10/04/25 11:50*	*1*
13C3 HFPO-DA	*91.3*		*40 - 130*	*10/03/25 14:04*	*10/04/25 11:50*	*1*
d7-N-MeFOSE-M	*72.8*		*20 - 130*	*10/03/25 14:04*	*10/04/25 11:50*	*1*
d9-N-EtFOSE-M	*70.1*		*15 - 130*	*10/03/25 14:04*	*10/04/25 11:50*	*1*
d5-NEtPFOSA	*71.6*		*10 - 130*	*10/03/25 14:04*	*10/04/25 11:50*	*1*
d3-NMePFOSA	*74.1*		*10 - 130*	*10/03/25 14:04*	*10/04/25 11:50*	*1*
13C2 PFDoA	*76.5*		*40 - 130*	*10/03/25 14:04*	*10/04/25 11:50*	*1*

Method: SW846 6020B - Metals (ICP/MS)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Aluminum	**4600**		15.9	4.4	mg/Kg	☼	10/03/25 19:40	10/05/25 14:19	1
Antimony	**1.4**		0.80	0.12	mg/Kg	☼	10/03/25 19:40	10/05/25 14:19	1
Arsenic	**7.0**		0.80	0.082	mg/Kg	☼	10/03/25 19:40	10/05/25 14:19	1
Barium	**24.6**		1.6	0.12	mg/Kg	☼	10/03/25 19:40	10/05/25 14:19	1
Beryllium	**0.50**		0.32	0.017	mg/Kg	☼	10/03/25 19:40	10/05/25 14:19	1
Cadmium	**0.23**	**J**	0.80	0.090	mg/Kg	☼	10/03/25 19:40	10/05/25 14:19	1
Calcium	**2000**		79.5	7.7	mg/Kg	☼	10/03/25 19:40	10/05/25 14:19	1
Chromium	**11.8**		1.6	0.24	mg/Kg	☼	10/03/25 19:40	10/05/25 14:19	1
Cobalt	**5.1**		0.80	0.12	mg/Kg	☼	10/03/25 19:40	10/05/25 14:19	1
Copper	**27.5**		1.6	0.29	mg/Kg	☼	10/03/25 19:40	10/05/25 14:19	1
Iron	**18500**		47.7	6.1	mg/Kg	☼	10/03/25 19:40	10/05/25 14:19	1
Lead	**43.0**		0.48	0.16	mg/Kg	☼	10/03/25 19:40	10/05/25 14:19	1
Magnesium	**1910**		79.5	8.1	mg/Kg	☼	10/03/25 19:40	10/05/25 14:19	1
Manganese	**166**		3.2	0.32	mg/Kg	☼	10/03/25 19:40	10/05/25 14:19	1
Nickel	**9.6**		1.6	0.14	mg/Kg	☼	10/03/25 19:40	10/05/25 14:19	1
Potassium	**1460**		79.5	12.9	mg/Kg	☼	10/03/25 19:40	10/05/25 14:19	1
Selenium	**0.35**	**J**	0.99	0.10	mg/Kg	☼	10/03/25 19:40	10/05/25 14:19	1
Silver	**0.15**	**J**	0.32	0.071	mg/Kg	☼	10/03/25 19:40	10/05/25 14:19	1
Sodium	**46.2**	**J**	79.5	36.3	mg/Kg	☼	10/03/25 19:40	10/05/25 14:19	1
Thallium	**0.047**	**J**	0.32	0.033	mg/Kg	☼	10/03/25 19:40	10/05/25 14:19	1

Client Sample ID: 59F_0-6

Date Collected: 09/29/25 12:20
Date Received: 09/29/25 15:30

Lab Sample ID: 460-335975-11

Matrix: Solid
Percent Solids: 96.7

Method: SW846 6020B - Metals (ICP/MS) (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Vanadium	20.8		1.6	0.16	mg/Kg	☼	10/03/25 19:40	10/05/25 14:19	1
Zinc	65.6		6.4	0.87	mg/Kg	☼	10/03/25 19:40	10/05/25 14:19	1

Method: SW846 7471B - Mercury (CVAA)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	0.017		0.016	0.0073	mg/Kg	☼	10/06/25 01:32	10/06/25 12:06	1

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Percent Moisture (EPA Moisture)	3.3		1.0	1.0	%			10/02/25 17:22	1
Percent Solids (EPA Moisture)	96.7		1.0	1.0	%			10/02/25 17:22	1

Client Sample ID: 59F_6-12

Date Collected: 09/29/25 12:25
Date Received: 09/29/25 15:30

Lab Sample ID: 460-335975-12

Matrix: Solid
Percent Solids: 94.0

Method: SW846 8270E - Semivolatile Organic Compounds (GC/MS)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1'-Biphenyl	0.35	U	0.35	0.012	mg/Kg	☼	09/30/25 22:25	10/01/25 12:34	1
1,2,4,5-Tetrachlorobenzene	0.35	U	0.35	0.011	mg/Kg	☼	09/30/25 22:25	10/01/25 12:34	1
1,4-Dioxane	0.035	U	0.035	0.031	mg/Kg	☼	09/30/25 22:25	10/01/25 12:34	1
2,2'-oxybis[1-chloropropane]	0.35	U	0.35	0.021	mg/Kg	☼	09/30/25 22:25	10/01/25 12:34	1
2,3,4,6-Tetrachlorophenol	0.35	U	0.35	0.024	mg/Kg	☼	09/30/25 22:25	10/01/25 12:34	1
2,4,5-Trichlorophenol	0.35	U	0.35	0.036	mg/Kg	☼	09/30/25 22:25	10/01/25 12:34	1
2,4,6-Trichlorophenol	0.14	U	0.14	0.045	mg/Kg	☼	09/30/25 22:25	10/01/25 12:34	1
2,4-Dichlorophenol	0.14	U	0.14	0.022	mg/Kg	☼	09/30/25 22:25	10/01/25 12:34	1
2,4-Dimethylphenol	0.35	U	0.35	0.042	mg/Kg	☼	09/30/25 22:25	10/01/25 12:34	1
2,4-Dinitrophenol	0.28	U	0.28	0.17	mg/Kg	☼	09/30/25 22:25	10/01/25 12:34	1
2,4-Dinitrotoluene	0.071	U	0.071	0.038	mg/Kg	☼	09/30/25 22:25	10/01/25 12:34	1
2,6-Dinitrotoluene	0.071	U	0.071	0.025	mg/Kg	☼	09/30/25 22:25	10/01/25 12:34	1
2-Chloronaphthalene	0.35	U	0.35	0.045	mg/Kg	☼	09/30/25 22:25	10/01/25 12:34	1
2-Chlorophenol	0.35	U	0.35	0.012	mg/Kg	☼	09/30/25 22:25	10/01/25 12:34	1
2-Methylnaphthalene	0.35	U	0.35	0.0098	mg/Kg	☼	09/30/25 22:25	10/01/25 12:34	1
2-Methylphenol	0.35	U	0.35	0.013	mg/Kg	☼	09/30/25 22:25	10/01/25 12:34	1
2-Nitroaniline	0.35	U	0.35	0.027	mg/Kg	☼	09/30/25 22:25	10/01/25 12:34	1
2-Nitrophenol	0.35	U	0.35	0.035	mg/Kg	☼	09/30/25 22:25	10/01/25 12:34	1
3 & 4 Methylphenol	0.35	U	0.35	0.022	mg/Kg	☼	09/30/25 22:25	10/01/25 12:34	1
3,3'-Dichlorobenzidine	0.14	U	0.14	0.053	mg/Kg	☼	09/30/25 22:25	10/01/25 12:34	1
3-Nitroaniline	0.35	U	0.35	0.083	mg/Kg	☼	09/30/25 22:25	10/01/25 12:34	1
4,6-Dinitro-2-methylphenol	0.28	U	0.28	0.14	mg/Kg	☼	09/30/25 22:25	10/01/25 12:34	1
4-Bromophenyl phenyl ether	0.35	U	0.35	0.014	mg/Kg	☼	09/30/25 22:25	10/01/25 12:34	1
4-Chloro-3-methylphenol	0.35	U	0.35	0.020	mg/Kg	☼	09/30/25 22:25	10/01/25 12:34	1
4-Chloroaniline	0.35	U	0.35	0.062	mg/Kg	☼	09/30/25 22:25	10/01/25 12:34	1
4-Chlorophenyl phenyl ether	0.35	U	0.35	0.012	mg/Kg	☼	09/30/25 22:25	10/01/25 12:34	1
4-Methylphenol	0.35	U	0.35	0.022	mg/Kg	☼	09/30/25 22:25	10/01/25 12:34	1
4-Nitroaniline	0.35	U	0.35	0.089	mg/Kg	☼	09/30/25 22:25	10/01/25 12:34	1
4-Nitrophenol	0.71	U	0.71	0.057	mg/Kg	☼	09/30/25 22:25	10/01/25 12:34	1
Acenaphthene	0.35	U	0.35	0.010	mg/Kg	☼	09/30/25 22:25	10/01/25 12:34	1
Acenaphthylene	0.35	U	0.35	0.010	mg/Kg	☼	09/30/25 22:25	10/01/25 12:34	1
Acetophenone	0.35	U	0.35	0.017	mg/Kg	☼	09/30/25 22:25	10/01/25 12:34	1

Client Sample ID: 59F_6-12
Date Collected: 09/29/25 12:25
Date Received: 09/29/25 15:30

Lab Sample ID: 460-335975-12
Matrix: Solid
Percent Solids: 94.0

Method: SW846 8270E - Semivolatile Organic Compounds (GC/MS) (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Anthracene	0.35	U	0.35	0.011	mg/Kg	☼	09/30/25 22:25	10/01/25 12:34	1
Atrazine	0.14	U	0.14	0.021	mg/Kg	☼	09/30/25 22:25	10/01/25 12:34	1
Benzaldehyde	0.35	U	0.35	0.058	mg/Kg	☼	09/30/25 22:25	10/01/25 12:34	1
Benzo[a]anthracene	0.035	U	0.035	0.026	mg/Kg	☼	09/30/25 22:25	10/01/25 12:34	1
Benzo[a]pyrene	0.035	U	0.035	0.0093	mg/Kg	☼	09/30/25 22:25	10/01/25 12:34	1
Benzo[b]fluoranthene	0.035	U	0.035	0.0091	mg/Kg	☼	09/30/25 22:25	10/01/25 12:34	1
Benzo[g,h,i]perylene	0.35	U	0.35	0.010	mg/Kg	☼	09/30/25 22:25	10/01/25 12:34	1
Benzo[k]fluoranthene	0.035	U	0.035	0.0069	mg/Kg	☼	09/30/25 22:25	10/01/25 12:34	1
Bis(2-chloroethoxy)methane	0.35	U	0.35	0.065	mg/Kg	☼	09/30/25 22:25	10/01/25 12:34	1
Bis(2-chloroethyl)ether	0.035	U	0.035	0.012	mg/Kg	☼	09/30/25 22:25	10/01/25 12:34	1
Bis(2-ethylhexyl) phthalate	0.35	U	0.35	0.019	mg/Kg	☼	09/30/25 22:25	10/01/25 12:34	1
Butyl benzyl phthalate	0.35	U	0.35	0.016	mg/Kg	☼	09/30/25 22:25	10/01/25 12:34	1
Caprolactam	0.35	U	0.35	0.054	mg/Kg	☼	09/30/25 22:25	10/01/25 12:34	1
Carbazole	0.35	U	0.35	0.013	mg/Kg	☼	09/30/25 22:25	10/01/25 12:34	1
Chrysene	0.35	U	0.35	0.015	mg/Kg	☼	09/30/25 22:25	10/01/25 12:34	1
Dibenz(a,h)anthracene	0.035	U	0.035	0.015	mg/Kg	☼	09/30/25 22:25	10/01/25 12:34	1
Dibenzofuran	0.35	U	0.35	0.012	mg/Kg	☼	09/30/25 22:25	10/01/25 12:34	1
Diethyl phthalate	0.35	U	0.35	0.011	mg/Kg	☼	09/30/25 22:25	10/01/25 12:34	1
Dimethyl phthalate	0.35	U	0.35	0.080	mg/Kg	☼	09/30/25 22:25	10/01/25 12:34	1
Di-n-butyl phthalate	0.35	U	0.35	0.013	mg/Kg	☼	09/30/25 22:25	10/01/25 12:34	1
Di-n-octyl phthalate	0.35	U	0.35	0.019	mg/Kg	☼	09/30/25 22:25	10/01/25 12:34	1
Fluoranthene	0.35	U	0.35	0.012	mg/Kg	☼	09/30/25 22:25	10/01/25 12:34	1
Fluorene	0.35	U	0.35	0.010	mg/Kg	☼	09/30/25 22:25	10/01/25 12:34	1
Hexachlorobenzene	0.035	U	0.035	0.017	mg/Kg	☼	09/30/25 22:25	10/01/25 12:34	1
Hexachlorobutadiene	0.071	U	0.071	0.0075	mg/Kg	☼	09/30/25 22:25	10/01/25 12:34	1
Hexachlorocyclopentadiene	0.35	U	0.35	0.031	mg/Kg	☼	09/30/25 22:25	10/01/25 12:34	1
Hexachloroethane	0.035	U	0.035	0.012	mg/Kg	☼	09/30/25 22:25	10/01/25 12:34	1
Indeno[1,2,3-cd]pyrene	0.035	U	0.035	0.014	mg/Kg	☼	09/30/25 22:25	10/01/25 12:34	1
Isophorone	0.14	U	0.14	0.10	mg/Kg	☼	09/30/25 22:25	10/01/25 12:34	1
Naphthalene	0.35	U	0.35	0.0061	mg/Kg	☼	09/30/25 22:25	10/01/25 12:34	1
Nitrobenzene	0.035	U	0.035	0.019	mg/Kg	☼	09/30/25 22:25	10/01/25 12:34	1
N-Nitrosodi-n-propylamine	0.035	U	0.035	0.025	mg/Kg	☼	09/30/25 22:25	10/01/25 12:34	1
N-Nitrosodiphenylamine	0.35	U	0.35	0.029	mg/Kg	☼	09/30/25 22:25	10/01/25 12:34	1
Pentachlorophenol	0.28	U	0.28	0.072	mg/Kg	☼	09/30/25 22:25	10/01/25 12:34	1
Phenanthrene	0.35	U	0.35	0.014	mg/Kg	☼	09/30/25 22:25	10/01/25 12:34	1
Phenol	0.35	U	0.35	0.013	mg/Kg	☼	09/30/25 22:25	10/01/25 12:34	1
Pyrene	0.35	U	0.35	0.0087	mg/Kg	☼	09/30/25 22:25	10/01/25 12:34	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
2,4,6-Tribromophenol (Surr)	*50*		*18 - 137*	*09/30/25 22:25*	*10/01/25 12:34*	*1*
2-Fluorobiphenyl	*55*		*33 - 117*	*09/30/25 22:25*	*10/01/25 12:34*	*1*
2-Fluorophenol (Surr)	*58*		*24 - 120*	*09/30/25 22:25*	*10/01/25 12:34*	*1*
Nitrobenzene-d5 (Surr)	*57*		*27 - 120*	*09/30/25 22:25*	*10/01/25 12:34*	*1*
Phenol-d5 (Surr)	*58*		*28 - 118*	*09/30/25 22:25*	*10/01/25 12:34*	*1*
Terphenyl-d14 (Surr)	*62*		*33 - 124*	*09/30/25 22:25*	*10/01/25 12:34*	*1*

Method: SW846 8081B - Organochlorine Pesticides (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
4,4'-DDD	0.0071	U	0.0071	0.0012	mg/Kg	☼	09/30/25 16:49	10/01/25 09:13	1
4,4'-DDE	0.0071	U	0.0071	0.00084	mg/Kg	☼	09/30/25 16:49	10/01/25 09:13	1

Client Sample ID: 59F_6-12
Date Collected: 09/29/25 12:25
Date Received: 09/29/25 15:30

Lab Sample ID: 460-335975-12
Matrix: Solid
Percent Solids: 94.0

Method: SW846 8081B - Organochlorine Pesticides (GC) (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
4,4'-DDT	0.0071	U	0.0071	0.0013	mg/Kg	☼	09/30/25 16:49	10/01/25 09:13	1
Aldrin	0.0071	U	0.0071	0.0011	mg/Kg	☼	09/30/25 16:49	10/01/25 09:13	1
alpha-BHC	0.0021	U	0.0021	0.00072	mg/Kg	☼	09/30/25 16:49	10/01/25 09:13	1
beta-BHC	0.0021	U	0.0021	0.00080	mg/Kg	☼	09/30/25 16:49	10/01/25 09:13	1
Chlordane (technical)	0.071	U	0.071	0.017	mg/Kg	☼	09/30/25 16:49	10/01/25 09:13	1
cis-Chlordane	0.0071	U	0.0071	0.0011	mg/Kg	☼	09/30/25 16:49	10/01/25 09:13	1
delta-BHC	0.0021	U	0.0021	0.00044	mg/Kg	☼	09/30/25 16:49	10/01/25 09:13	1
Dieldrin	0.0021	U	0.0021	0.00093	mg/Kg	☼	09/30/25 16:49	10/01/25 09:13	1
Endosulfan I	0.0071	U	0.0071	0.0011	mg/Kg	☼	09/30/25 16:49	10/01/25 09:13	1
Endosulfan II	0.0071	U	0.0071	0.0018	mg/Kg	☼	09/30/25 16:49	10/01/25 09:13	1
Endosulfan sulfate	0.0071	U	0.0071	0.00089	mg/Kg	☼	09/30/25 16:49	10/01/25 09:13	1
Endrin	0.0071	U	0.0071	0.0010	mg/Kg	☼	09/30/25 16:49	10/01/25 09:13	1
Endrin aldehyde	0.0071	U	0.0071	0.0017	mg/Kg	☼	09/30/25 16:49	10/01/25 09:13	1
Endrin ketone	0.0071	U	0.0071	0.0014	mg/Kg	☼	09/30/25 16:49	10/01/25 09:13	1
gamma-BHC (Lindane)	0.0021	U	0.0021	0.00066	mg/Kg	☼	09/30/25 16:49	10/01/25 09:13	1
Heptachlor	0.0071	U	0.0071	0.00084	mg/Kg	☼	09/30/25 16:49	10/01/25 09:13	1
Heptachlor epoxide	0.0071	U	0.0071	0.0011	mg/Kg	☼	09/30/25 16:49	10/01/25 09:13	1
Methoxychlor	0.0071	U	0.0071	0.0016	mg/Kg	☼	09/30/25 16:49	10/01/25 09:13	1
Toxaphene	0.071	U	0.071	0.026	mg/Kg	☼	09/30/25 16:49	10/01/25 09:13	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
DCB Decachlorobiphenyl	*113*		*10 - 150*	*09/30/25 16:49*	*10/01/25 09:13*	*1*
DCB Decachlorobiphenyl	*118*		*10 - 150*	*09/30/25 16:49*	*10/01/25 09:13*	*1*
Tetrachloro-m-xylene	*103*		*14 - 150*	*09/30/25 16:49*	*10/01/25 09:13*	*1*
Tetrachloro-m-xylene	*103*		*14 - 150*	*09/30/25 16:49*	*10/01/25 09:13*	*1*

Method: SW846 8082A - Polychlorinated Biphenyls (PCBs) by Gas Chromatography

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Aroclor 1016	0.071	U	0.071	0.019	mg/Kg	☼	09/30/25 16:45	10/01/25 15:27	1
Aroclor 1221	0.071	U	0.071	0.019	mg/Kg	☼	09/30/25 16:45	10/01/25 15:27	1
Aroclor 1232	0.071	U	0.071	0.019	mg/Kg	☼	09/30/25 16:45	10/01/25 15:27	1
Aroclor 1242	0.071	U	0.071	0.019	mg/Kg	☼	09/30/25 16:45	10/01/25 15:27	1
Aroclor 1248	0.071	U	0.071	0.019	mg/Kg	☼	09/30/25 16:45	10/01/25 15:27	1
Aroclor 1254	0.071	U	0.071	0.019	mg/Kg	☼	09/30/25 16:45	10/01/25 15:27	1
Aroclor 1260	0.071	U	0.071	0.019	mg/Kg	☼	09/30/25 16:45	10/01/25 15:27	1
Aroclor-1262	0.071	U	0.071	0.019	mg/Kg	☼	09/30/25 16:45	10/01/25 15:27	1
Aroclor 1268	0.071	U	0.071	0.019	mg/Kg	☼	09/30/25 16:45	10/01/25 15:27	1
Polychlorinated biphenyls, Total	0.071	U	0.071	0.019	mg/Kg	☼	09/30/25 16:45	10/01/25 15:27	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
DCB Decachlorobiphenyl	*94*		*10 - 150*	*09/30/25 16:45*	*10/01/25 15:27*	*1*
DCB Decachlorobiphenyl	*108*		*10 - 150*	*09/30/25 16:45*	*10/01/25 15:27*	*1*
Tetrachloro-m-xylene	*102*		*10 - 150*	*09/30/25 16:45*	*10/01/25 15:27*	*1*
Tetrachloro-m-xylene	*107*		*10 - 150*	*09/30/25 16:45*	*10/01/25 15:27*	*1*

Method: EPA 1633A - Per- and Polyfluoroalkyl Substances by LC/MS/MS, 1633A

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Perfluorobutanoic acid (PFBA)	0.39	U	0.39	0.097	ug/Kg	☼	10/03/25 14:04	10/06/25 11:57	1
Perfluoropentanoic acid (PFPeA)	0.19	U	0.19	0.097	ug/Kg	☼	10/03/25 14:04	10/06/25 11:57	1
Perfluorohexanoic acid (PFHxA)	0.19	U	0.19	0.097	ug/Kg	☼	10/03/25 14:04	10/06/25 11:57	1

Client Sample ID: 59F_6-12
Date Collected: 09/29/25 12:25
Date Received: 09/29/25 15:30

Lab Sample ID: 460-335975-12
Matrix: Solid
Percent Solids: 94.0

Method: EPA 1633A - Per- and Polyfluoroalkyl Substances by LC/MS/MS, 1633A (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Perfluoroheptanoic acid (PFHpA)	0.19	U	0.19	0.097	ug/Kg	☼	10/03/25 14:04	10/06/25 11:57	1
Perfluorooctanoic acid (PFOA)	**0.12**	**J**	0.19	0.058	ug/Kg	☼	10/03/25 14:04	10/06/25 11:57	1
Perfluorononanoic acid (PFNA)	**0.56**		0.19	0.097	ug/Kg	☼	10/03/25 14:04	10/06/25 11:57	1
Perfluorodecanoic acid (PFDA)	**0.27**		0.19	0.058	ug/Kg	☼	10/03/25 14:04	10/06/25 11:57	1
Perfluoroundecanoic acid (PFUnA)	**1.71**		0.19	0.097	ug/Kg	☼	10/03/25 14:04	10/06/25 11:57	1
Perfluorododecanoic acid (PFDoA)	**0.23**		0.19	0.097	ug/Kg	☼	10/03/25 14:04	10/06/25 11:57	1
Perfluorotridecanoic acid (PFTrDA)	**1.80**		0.19	0.097	ug/Kg	☼	10/03/25 14:04	10/06/25 11:57	1
Perfluorotetradecanoic acid (PFTeDA)	**0.098**	**J**	0.19	0.097	ug/Kg	☼	10/03/25 14:04	10/06/25 11:57	1
Perfluorobutanesulfonic acid (PFBS)	0.19	U	0.19	0.097	ug/Kg	☼	10/03/25 14:04	10/06/25 11:57	1
Perfluoropentanesulfonic acid (PFPeS)	0.19	U	0.19	0.097	ug/Kg	☼	10/03/25 14:04	10/06/25 11:57	1
Perfluorohexanesulfonic acid (PFHxS)	0.19	U	0.19	0.097	ug/Kg	☼	10/03/25 14:04	10/06/25 11:57	1
Perfluoroheptanesulfonic acid (PFHpS)	0.19	U	0.19	0.097	ug/Kg	☼	10/03/25 14:04	10/06/25 11:57	1
Perfluorooctanesulfonic acid (PFOS)	0.19	U	0.19	0.097	ug/Kg	☼	10/03/25 14:04	10/06/25 11:57	1
Perfluorononanesulfonic acid (PFNS)	0.19	U	0.19	0.097	ug/Kg	☼	10/03/25 14:04	10/06/25 11:57	1
Perfluorodecanesulfonic acid (PFDS)	0.19	U	0.19	0.097	ug/Kg	☼	10/03/25 14:04	10/06/25 11:57	1
Perfluorododecanesulfonic acid (PFDoS)	0.19	U	0.19	0.097	ug/Kg	☼	10/03/25 14:04	10/06/25 11:57	1
1H,1H,2H,2H-Perfluorohexane sulfonic acid (4:2 FTS)	0.39	U	0.39	0.19	ug/Kg	☼	10/03/25 14:04	10/06/25 11:57	1
1H,1H,2H,2H-Perfluorooctane sulfonic acid (6:2 FTS)	0.39	U	0.39	0.19	ug/Kg	☼	10/03/25 14:04	10/06/25 11:57	1
1H,1H,2H,2H-Perfluorodecane sulfonic acid (8:2 FTS)	**0.19**	**J**	0.39	0.19	ug/Kg	☼	10/03/25 14:04	10/06/25 11:57	1
Perfluorooctanesulfonamide (PFOSA)	0.19	U	0.19	0.097	ug/Kg	☼	10/03/25 14:04	10/06/25 11:57	1
N-methylperfluorooctane sulfonamide (NMeFOSA)	0.19	U	0.19	0.097	ug/Kg	☼	10/03/25 14:04	10/06/25 11:57	1
N-ethylperfluorooctane sulfonamide (NEtFOSA)	0.19	U	0.19	0.097	ug/Kg	☼	10/03/25 14:04	10/06/25 11:57	1
N-methylperfluorooctanesulfonamidoacetic acid (NMeFOSAA)	0.19	U	0.19	0.097	ug/Kg	☼	10/03/25 14:04	10/06/25 11:57	1
N-ethylperfluorooctanesulfonamidoacetic acid (NEtFOSAA)	0.19	U	0.19	0.097	ug/Kg	☼	10/03/25 14:04	10/06/25 11:57	1
N-methylperfluorooctane sulfonamidoethanol (NMeFOSE)	0.97	U	0.97	0.49	ug/Kg	☼	10/03/25 14:04	10/06/25 11:57	1
N-ethylperfluorooctane sulfonamidoethanol (NEtFOSE)	0.97	U	0.97	0.49	ug/Kg	☼	10/03/25 14:04	10/06/25 11:57	1
Hexafluoropropylene Oxide Dimer Acid (HFPO-DA)	0.19	U	0.19	0.097	ug/Kg	☼	10/03/25 14:04	10/06/25 11:57	1
4,8-Dioxa-3H-perfluorononanoic acid (ADONA)	0.19	U	0.19	0.097	ug/Kg	☼	10/03/25 14:04	10/06/25 11:57	1
Perfluoro-3-methoxypropanoic acid (PFMPA)	0.19	U	0.19	0.097	ug/Kg	☼	10/03/25 14:04	10/06/25 11:57	1
Perfluoro-4-methoxybutanoic acid (PFMBA)	0.19	U	0.19	0.097	ug/Kg	☼	10/03/25 14:04	10/06/25 11:57	1
Nonafluoro-3,6-dioxaheptanoic acid (NFDHA)	0.19	U	0.19	0.097	ug/Kg	☼	10/03/25 14:04	10/06/25 11:57	1
9-Chlorohexadecafluoro-3-oxanonane-1-sulfonic acid (9Cl-PF3ONS)	0.19	U	0.19	0.097	ug/Kg	☼	10/03/25 14:04	10/06/25 11:57	1

Client Sample ID: 59F_6-12
Date Collected: 09/29/25 12:25
Date Received: 09/29/25 15:30

Lab Sample ID: 460-335975-12
Matrix: Solid
Percent Solids: 94.0

Method: EPA 1633A - Per- and Polyfluoroalkyl Substances by LC/MS/MS, 1633A (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
11-Chloroeicosafluoro-3-oxaundecane-1-sulfonic acid (11Cl-PF3OUdS)	0.19	U	0.19	0.097	ug/Kg	☼	10/03/25 14:04	10/06/25 11:57	1
Perfluoro (2-ethoxyethane) sulfonic acid (PFEESA)	0.19	U	0.19	0.097	ug/Kg	☼	10/03/25 14:04	10/06/25 11:57	1
3-Perfluoropropylpropanoic acid (3:3 FTCA)	0.39	U	0.39	0.19	ug/Kg	☼	10/03/25 14:04	10/06/25 11:57	1
3-Perfluoropentylpropanoic acid (5:3 FTCA)	0.97	U	0.97	0.49	ug/Kg	☼	10/03/25 14:04	10/06/25 11:57	1
3-Perfluoroheptylpropanoic acid (7:3 FTCA)	0.97	U	0.97	0.49	ug/Kg	☼	10/03/25 14:04	10/06/25 11:57	1

Isotope Dilution	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
13C4 PFBA	*94.8*		*8 - 130*	*10/03/25 14:04*	*10/06/25 11:57*	*1*
13C5 PFPeA	*95.9*		*35 - 130*	*10/03/25 14:04*	*10/06/25 11:57*	*1*
13C5 PFHxA	*90.3*		*40 - 130*	*10/03/25 14:04*	*10/06/25 11:57*	*1*
13C4 PFHpA	*92.4*		*40 - 130*	*10/03/25 14:04*	*10/06/25 11:57*	*1*
13C8 PFOA	*94.6*		*40 - 130*	*10/03/25 14:04*	*10/06/25 11:57*	*1*
13C9 PFNA	*101*		*40 - 130*	*10/03/25 14:04*	*10/06/25 11:57*	*1*
13C6 PFDA	*94.7*		*40 - 130*	*10/03/25 14:04*	*10/06/25 11:57*	*1*
13C7 PFUnA	*85.1*		*40 - 130*	*10/03/25 14:04*	*10/06/25 11:57*	*1*
13C2 PFTeDA	*88.9*		*20 - 130*	*10/03/25 14:04*	*10/06/25 11:57*	*1*
13C3 PFBS	*88.3*		*40 - 135*	*10/03/25 14:04*	*10/06/25 11:57*	*1*
13C3 PFHxS	*94.7*		*40 - 130*	*10/03/25 14:04*	*10/06/25 11:57*	*1*
13C8 PFOS	*93.6*		*40 - 130*	*10/03/25 14:04*	*10/06/25 11:57*	*1*
13C8 FOSA	*84.0*		*40 - 130*	*10/03/25 14:04*	*10/06/25 11:57*	*1*
d3-NMeFOSAA	*94.9*		*40 - 135*	*10/03/25 14:04*	*10/06/25 11:57*	*1*
d5-NEtFOSAA	*87.0*		*40 - 150*	*10/03/25 14:04*	*10/06/25 11:57*	*1*
13C2 4:2 FTS	*118*		*40 - 165*	*10/03/25 14:04*	*10/06/25 11:57*	*1*
13C2 6:2 FTS	*123*		*40 - 215*	*10/03/25 14:04*	*10/06/25 11:57*	*1*
13C2 8:2 FTS	*167*		*40 - 275*	*10/03/25 14:04*	*10/06/25 11:57*	*1*
13C3 HFPO-DA	*88.5*		*40 - 130*	*10/03/25 14:04*	*10/06/25 11:57*	*1*
d7-N-MeFOSE-M	*80.3*		*20 - 130*	*10/03/25 14:04*	*10/06/25 11:57*	*1*
d9-N-EtFOSE-M	*79.2*		*15 - 130*	*10/03/25 14:04*	*10/06/25 11:57*	*1*
d5-NEtPFOSA	*66.6*		*10 - 130*	*10/03/25 14:04*	*10/06/25 11:57*	*1*
d3-NMePFOSA	*73.1*		*10 - 130*	*10/03/25 14:04*	*10/06/25 11:57*	*1*
13C2 PFDoA	*82.2*		*40 - 130*	*10/03/25 14:04*	*10/06/25 11:57*	*1*

Method: SW846 6020B - Metals (ICP/MS)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Aluminum	**4700**		17.2	4.7	mg/Kg	☼	10/03/25 19:40	10/05/25 14:22	1
Antimony	**2.4**		0.86	0.13	mg/Kg	☼	10/03/25 19:40	10/05/25 14:22	1
Arsenic	**11.6**		0.86	0.088	mg/Kg	☼	10/03/25 19:40	10/05/25 14:22	1
Barium	**28.7**		1.7	0.12	mg/Kg	☼	10/03/25 19:40	10/05/25 14:22	1
Beryllium	**0.52**		0.34	0.019	mg/Kg	☼	10/03/25 19:40	10/05/25 14:22	1
Cadmium	**0.50**	**J**	0.86	0.097	mg/Kg	☼	10/03/25 19:40	10/05/25 14:22	1
Calcium	**5970**		85.8	8.3	mg/Kg	☼	10/03/25 19:40	10/05/25 14:22	1
Chromium	**13.2**		1.7	0.25	mg/Kg	☼	10/03/25 19:40	10/05/25 14:22	1
Cobalt	**5.7**		0.86	0.13	mg/Kg	☼	10/03/25 19:40	10/05/25 14:22	1
Copper	**52.9**		1.7	0.32	mg/Kg	☼	10/03/25 19:40	10/05/25 14:22	1
Iron	**21300**		51.5	6.6	mg/Kg	☼	10/03/25 19:40	10/05/25 14:22	1
Lead	**74.3**		0.51	0.17	mg/Kg	☼	10/03/25 19:40	10/05/25 14:22	1
Magnesium	**4190**		85.8	8.8	mg/Kg	☼	10/03/25 19:40	10/05/25 14:22	1

Client Sample ID: 59F_6-12

Date Collected: 09/29/25 12:25
Date Received: 09/29/25 15:30

Lab Sample ID: 460-335975-12

Matrix: Solid
Percent Solids: 94.0

Method: SW846 6020B - Metals (ICP/MS) (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Manganese	200		3.4	0.35	mg/Kg	☼	10/03/25 19:40	10/05/25 14:22	1
Nickel	11.1		1.7	0.15	mg/Kg	☼	10/03/25 19:40	10/05/25 14:22	1
Potassium	1540		85.8	13.9	mg/Kg	☼	10/03/25 19:40	10/05/25 14:22	1
Selenium	0.37	J	1.1	0.11	mg/Kg	☼	10/03/25 19:40	10/05/25 14:22	1
Silver	0.39		0.34	0.076	mg/Kg	☼	10/03/25 19:40	10/05/25 14:22	1
Sodium	40.2	J	85.8	39.2	mg/Kg	☼	10/03/25 19:40	10/05/25 14:22	1
Thallium	0.060	J	0.34	0.035	mg/Kg	☼	10/03/25 19:40	10/05/25 14:22	1
Vanadium	30.5		1.7	0.18	mg/Kg	☼	10/03/25 19:40	10/05/25 14:22	1
Zinc	79.4		6.9	0.94	mg/Kg	☼	10/03/25 19:40	10/05/25 14:22	1

Method: SW846 7471B - Mercury (CVAA)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	0.075		0.016	0.0077	mg/Kg	☼	10/06/25 01:32	10/06/25 12:09	1

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Percent Moisture (EPA Moisture)	6.0		1.0	1.0	%			10/02/25 17:22	1
Percent Solids (EPA Moisture)	94.0		1.0	1.0	%			10/02/25 17:22	1

Client Sample ID: 57A_0-4

Date Collected: 09/29/25 13:40
Date Received: 09/29/25 15:30

Lab Sample ID: 460-335975-13

Matrix: Solid
Percent Solids: 88.1

Method: SW846 8270E - Semivolatile Organic Compounds (GC/MS)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1'-Biphenyl	0.37	U	0.37	0.013	mg/Kg	☼	09/30/25 22:25	10/01/25 12:57	1
1,2,4,5-Tetrachlorobenzene	0.37	U	0.37	0.012	mg/Kg	☼	09/30/25 22:25	10/01/25 12:57	1
1,4-Dioxane	0.037	U	0.037	0.032	mg/Kg	☼	09/30/25 22:25	10/01/25 12:57	1
2,2'-oxybis[1-chloropropane]	0.37	U	0.37	0.022	mg/Kg	☼	09/30/25 22:25	10/01/25 12:57	1
2,3,4,6-Tetrachlorophenol	0.37	U	0.37	0.025	mg/Kg	☼	09/30/25 22:25	10/01/25 12:57	1
2,4,5-Trichlorophenol	0.37	U	0.37	0.038	mg/Kg	☼	09/30/25 22:25	10/01/25 12:57	1
2,4,6-Trichlorophenol	0.15	U	0.15	0.048	mg/Kg	☼	09/30/25 22:25	10/01/25 12:57	1
2,4-Dichlorophenol	0.15	U	0.15	0.024	mg/Kg	☼	09/30/25 22:25	10/01/25 12:57	1
2,4-Dimethylphenol	0.37	U	0.37	0.044	mg/Kg	☼	09/30/25 22:25	10/01/25 12:57	1
2,4-Dinitrophenol	0.30	U	0.30	0.18	mg/Kg	☼	09/30/25 22:25	10/01/25 12:57	1
2,4-Dinitrotoluene	0.075	U	0.075	0.040	mg/Kg	☼	09/30/25 22:25	10/01/25 12:57	1
2,6-Dinitrotoluene	0.075	U	0.075	0.027	mg/Kg	☼	09/30/25 22:25	10/01/25 12:57	1
2-Chloronaphthalene	0.37	U	0.37	0.048	mg/Kg	☼	09/30/25 22:25	10/01/25 12:57	1
2-Chlorophenol	0.37	U	0.37	0.013	mg/Kg	☼	09/30/25 22:25	10/01/25 12:57	1
2-Methylnaphthalene	0.37	U	0.37	0.010	mg/Kg	☼	09/30/25 22:25	10/01/25 12:57	1
2-Methylphenol	0.37	U	0.37	0.014	mg/Kg	☼	09/30/25 22:25	10/01/25 12:57	1
2-Nitroaniline	0.37	U	0.37	0.028	mg/Kg	☼	09/30/25 22:25	10/01/25 12:57	1
2-Nitrophenol	0.37	U	0.37	0.037	mg/Kg	☼	09/30/25 22:25	10/01/25 12:57	1
3 & 4 Methylphenol	0.37	U	0.37	0.023	mg/Kg	☼	09/30/25 22:25	10/01/25 12:57	1
3,3'-Dichlorobenzidine	0.15	U	0.15	0.056	mg/Kg	☼	09/30/25 22:25	10/01/25 12:57	1
3-Nitroaniline	0.37	U	0.37	0.088	mg/Kg	☼	09/30/25 22:25	10/01/25 12:57	1
4,6-Dinitro-2-methylphenol	0.30	U	0.30	0.15	mg/Kg	☼	09/30/25 22:25	10/01/25 12:57	1
4-Bromophenyl phenyl ether	0.37	U	0.37	0.015	mg/Kg	☼	09/30/25 22:25	10/01/25 12:57	1
4-Chloro-3-methylphenol	0.37	U	0.37	0.021	mg/Kg	☼	09/30/25 22:25	10/01/25 12:57	1
4-Chloroaniline	0.37	U	0.37	0.066	mg/Kg	☼	09/30/25 22:25	10/01/25 12:57	1

Client Sample ID: 57A_0-4
Date Collected: 09/29/25 13:40
Date Received: 09/29/25 15:30

Lab Sample ID: 460-335975-13
Matrix: Solid
Percent Solids: 88.1

Method: SW846 8270E - Semivolatile Organic Compounds (GC/MS) (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
4-Chlorophenyl phenyl ether	0.37	U	0.37	0.013	mg/Kg	☼	09/30/25 22:25	10/01/25 12:57	1
4-Methylphenol	0.37	U	0.37	0.023	mg/Kg	☼	09/30/25 22:25	10/01/25 12:57	1
4-Nitroaniline	0.37	U	0.37	0.094	mg/Kg	☼	09/30/25 22:25	10/01/25 12:57	1
4-Nitrophenol	0.75	U	0.75	0.061	mg/Kg	☼	09/30/25 22:25	10/01/25 12:57	1
Acenaphthene	0.37	U	0.37	0.011	mg/Kg	☼	09/30/25 22:25	10/01/25 12:57	1
Acenaphthylene	0.37	U	0.37	0.011	mg/Kg	☼	09/30/25 22:25	10/01/25 12:57	1
Acetophenone	0.37	U	0.37	0.018	mg/Kg	☼	09/30/25 22:25	10/01/25 12:57	1
Anthracene	0.37	U	0.37	0.011	mg/Kg	☼	09/30/25 22:25	10/01/25 12:57	1
Atrazine	0.15	U	0.15	0.022	mg/Kg	☼	09/30/25 22:25	10/01/25 12:57	1
Benzaldehyde	0.37	U	0.37	0.061	mg/Kg	☼	09/30/25 22:25	10/01/25 12:57	1
Benzo[a]anthracene	0.037	U	0.037	0.028	mg/Kg	☼	09/30/25 22:25	10/01/25 12:57	1
Benzo[a]pyrene	0.037	U	0.037	0.0099	mg/Kg	☼	09/30/25 22:25	10/01/25 12:57	1
Benzo[b]fluoranthene	0.037	U	0.037	0.0096	mg/Kg	☼	09/30/25 22:25	10/01/25 12:57	1
Benzo[g,h,i]perylene	0.37	U	0.37	0.011	mg/Kg	☼	09/30/25 22:25	10/01/25 12:57	1
Benzo[k]fluoranthene	0.037	U	0.037	0.0073	mg/Kg	☼	09/30/25 22:25	10/01/25 12:57	1
Bis(2-chloroethoxy)methane	0.37	U	0.37	0.069	mg/Kg	☼	09/30/25 22:25	10/01/25 12:57	1
Bis(2-chloroethyl)ether	0.037	U	0.037	0.013	mg/Kg	☼	09/30/25 22:25	10/01/25 12:57	1
Bis(2-ethylhexyl) phthalate	0.37	U	0.37	0.020	mg/Kg	☼	09/30/25 22:25	10/01/25 12:57	1
Butyl benzyl phthalate	0.37	U	0.37	0.017	mg/Kg	☼	09/30/25 22:25	10/01/25 12:57	1
Caprolactam	0.37	U	0.37	0.058	mg/Kg	☼	09/30/25 22:25	10/01/25 12:57	1
Carbazole	0.37	U	0.37	0.014	mg/Kg	☼	09/30/25 22:25	10/01/25 12:57	1
Chrysene	0.37	U	0.37	0.016	mg/Kg	☼	09/30/25 22:25	10/01/25 12:57	1
Dibenz(a,h)anthracene	0.037	U	0.037	0.016	mg/Kg	☼	09/30/25 22:25	10/01/25 12:57	1
Dibenzofuran	0.37	U	0.37	0.012	mg/Kg	☼	09/30/25 22:25	10/01/25 12:57	1
Diethyl phthalate	0.37	U	0.37	0.012	mg/Kg	☼	09/30/25 22:25	10/01/25 12:57	1
Dimethyl phthalate	0.37	U	0.37	0.084	mg/Kg	☼	09/30/25 22:25	10/01/25 12:57	1
Di-n-butyl phthalate	0.37	U	0.37	0.014	mg/Kg	☼	09/30/25 22:25	10/01/25 12:57	1
Di-n-octyl phthalate	0.37	U	0.37	0.020	mg/Kg	☼	09/30/25 22:25	10/01/25 12:57	1
Fluoranthene	0.37	U	0.37	0.013	mg/Kg	☼	09/30/25 22:25	10/01/25 12:57	1
Fluorene	0.37	U	0.37	0.011	mg/Kg	☼	09/30/25 22:25	10/01/25 12:57	1
Hexachlorobenzene	0.037	U	0.037	0.018	mg/Kg	☼	09/30/25 22:25	10/01/25 12:57	1
Hexachlorobutadiene	0.075	U	0.075	0.0079	mg/Kg	☼	09/30/25 22:25	10/01/25 12:57	1
Hexachlorocyclopentadiene	0.37	U	0.37	0.033	mg/Kg	☼	09/30/25 22:25	10/01/25 12:57	1
Hexachloroethane	0.037	U	0.037	0.013	mg/Kg	☼	09/30/25 22:25	10/01/25 12:57	1
Indeno[1,2,3-cd]pyrene	0.037	U	0.037	0.015	mg/Kg	☼	09/30/25 22:25	10/01/25 12:57	1
Isophorone	0.15	U	0.15	0.11	mg/Kg	☼	09/30/25 22:25	10/01/25 12:57	1
Naphthalene	0.37	U	0.37	0.0064	mg/Kg	☼	09/30/25 22:25	10/01/25 12:57	1
Nitrobenzene	0.037	U	0.037	0.021	mg/Kg	☼	09/30/25 22:25	10/01/25 12:57	1
N-Nitrosodi-n-propylamine	0.037	U	0.037	0.027	mg/Kg	☼	09/30/25 22:25	10/01/25 12:57	1
N-Nitrosodiphenylamine	0.37	U	0.37	0.031	mg/Kg	☼	09/30/25 22:25	10/01/25 12:57	1
Pentachlorophenol	0.30	U	0.30	0.076	mg/Kg	☼	09/30/25 22:25	10/01/25 12:57	1
Phenanthrene	0.37	U	0.37	0.015	mg/Kg	☼	09/30/25 22:25	10/01/25 12:57	1
Phenol	0.37	U	0.37	0.014	mg/Kg	☼	09/30/25 22:25	10/01/25 12:57	1
Pyrene	0.37	U	0.37	0.0092	mg/Kg	☼	09/30/25 22:25	10/01/25 12:57	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
2,4,6-Tribromophenol (Surr)	*55*		*18 - 137*	*09/30/25 22:25*	*10/01/25 12:57*	*1*
2-Fluorobiphenyl	*56*		*33 - 117*	*09/30/25 22:25*	*10/01/25 12:57*	*1*
2-Fluorophenol (Surr)	*62*		*24 - 120*	*09/30/25 22:25*	*10/01/25 12:57*	*1*
Nitrobenzene-d5 (Surr)	*59*		*27 - 120*	*09/30/25 22:25*	*10/01/25 12:57*	*1*

Client Sample ID: 57A_0-4
Date Collected: 09/29/25 13:40
Date Received: 09/29/25 15:30

Lab Sample ID: 460-335975-13
Matrix: Solid
Percent Solids: 88.1

Method: SW846 8270E - Semivolatile Organic Compounds (GC/MS) (Continued)

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
Phenol-d5 (Surr)	*61*		*28 - 118*	*09/30/25 22:25*	*10/01/25 12:57*	*1*
Terphenyl-d14 (Surr)	*65*		*33 - 124*	*09/30/25 22:25*	*10/01/25 12:57*	*1*

Method: SW846 8081B - Organochlorine Pesticides (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
4,4'-DDD	0.0076	U	0.0076	0.0013	mg/Kg	☼	09/30/25 16:49	10/01/25 08:57	1
4,4'-DDE	0.0076	U	0.0076	0.00090	mg/Kg	☼	09/30/25 16:49	10/01/25 08:57	1
4,4'-DDT	0.0076	U	0.0076	0.0014	mg/Kg	☼	09/30/25 16:49	10/01/25 08:57	1
Aldrin	0.0076	U	0.0076	0.0011	mg/Kg	☼	09/30/25 16:49	10/01/25 08:57	1
alpha-BHC	0.0023	U	0.0023	0.00077	mg/Kg	☼	09/30/25 16:49	10/01/25 08:57	1
beta-BHC	0.0023	U	0.0023	0.00085	mg/Kg	☼	09/30/25 16:49	10/01/25 08:57	1
Chlordane (technical)	0.076	U	0.076	0.018	mg/Kg	☼	09/30/25 16:49	10/01/25 08:57	1
cis-Chlordane	0.0076	U	0.0076	0.0012	mg/Kg	☼	09/30/25 16:49	10/01/25 08:57	1
delta-BHC	0.0023	U	0.0023	0.00047	mg/Kg	☼	09/30/25 16:49	10/01/25 08:57	1
Dieldrin	0.0023	U	0.0023	0.00099	mg/Kg	☼	09/30/25 16:49	10/01/25 08:57	1
Endosulfan I	0.0076	U	0.0076	0.0012	mg/Kg	☼	09/30/25 16:49	10/01/25 08:57	1
Endosulfan II	0.0076	U	0.0076	0.0020	mg/Kg	☼	09/30/25 16:49	10/01/25 08:57	1
Endosulfan sulfate	0.0076	U	0.0076	0.00095	mg/Kg	☼	09/30/25 16:49	10/01/25 08:57	1
Endrin	0.0076	U	0.0076	0.0011	mg/Kg	☼	09/30/25 16:49	10/01/25 08:57	1
Endrin aldehyde	0.0076	U	0.0076	0.0018	mg/Kg	☼	09/30/25 16:49	10/01/25 08:57	1
Endrin ketone	0.0076	U	0.0076	0.0015	mg/Kg	☼	09/30/25 16:49	10/01/25 08:57	1
gamma-BHC (Lindane)	0.0023	U	0.0023	0.00070	mg/Kg	☼	09/30/25 16:49	10/01/25 08:57	1
Heptachlor	0.0076	U	0.0076	0.00090	mg/Kg	☼	09/30/25 16:49	10/01/25 08:57	1
Heptachlor epoxide	0.0076	U	0.0076	0.0011	mg/Kg	☼	09/30/25 16:49	10/01/25 08:57	1
Methoxychlor	0.0076	U	0.0076	0.0017	mg/Kg	☼	09/30/25 16:49	10/01/25 08:57	1
Toxaphene	0.076	U	0.076	0.027	mg/Kg	☼	09/30/25 16:49	10/01/25 08:57	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
DCB Decachlorobiphenyl	*120*		*10 - 150*	*09/30/25 16:49*	*10/01/25 08:57*	*1*
DCB Decachlorobiphenyl	*125*		*10 - 150*	*09/30/25 16:49*	*10/01/25 08:57*	*1*
Tetrachloro-m-xylene	*106*		*14 - 150*	*09/30/25 16:49*	*10/01/25 08:57*	*1*
Tetrachloro-m-xylene	*106*		*14 - 150*	*09/30/25 16:49*	*10/01/25 08:57*	*1*

Method: SW846 8082A - Polychlorinated Biphenyls (PCBs) by Gas Chromatography

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Aroclor 1016	0.076	U	0.076	0.020	mg/Kg	☼	09/30/25 16:45	10/01/25 15:45	1
Aroclor 1221	0.076	U	0.076	0.020	mg/Kg	☼	09/30/25 16:45	10/01/25 15:45	1
Aroclor 1232	0.076	U	0.076	0.020	mg/Kg	☼	09/30/25 16:45	10/01/25 15:45	1
Aroclor 1242	0.076	U	0.076	0.020	mg/Kg	☼	09/30/25 16:45	10/01/25 15:45	1
Aroclor 1248	0.076	U	0.076	0.020	mg/Kg	☼	09/30/25 16:45	10/01/25 15:45	1
Aroclor 1254	0.076	U	0.076	0.020	mg/Kg	☼	09/30/25 16:45	10/01/25 15:45	1
Aroclor 1260	0.076	U	0.076	0.020	mg/Kg	☼	09/30/25 16:45	10/01/25 15:45	1
Aroclor-1262	0.076	U	0.076	0.020	mg/Kg	☼	09/30/25 16:45	10/01/25 15:45	1
Aroclor 1268	0.076	U	0.076	0.020	mg/Kg	☼	09/30/25 16:45	10/01/25 15:45	1
Polychlorinated biphenyls, Total	0.076	U	0.076	0.020	mg/Kg	☼	09/30/25 16:45	10/01/25 15:45	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
DCB Decachlorobiphenyl	*93*		*10 - 150*	*09/30/25 16:45*	*10/01/25 15:45*	*1*
DCB Decachlorobiphenyl	*101*		*10 - 150*	*09/30/25 16:45*	*10/01/25 15:45*	*1*
Tetrachloro-m-xylene	*101*		*10 - 150*	*09/30/25 16:45*	*10/01/25 15:45*	*1*

Client: Haley & Aldrich, Inc.
Project/Site: Former Port Mobil

Job ID: 460-335975-1

Client Sample ID: 57A_0-4
Date Collected: 09/29/25 13:40
Date Received: 09/29/25 15:30

Lab Sample ID: 460-335975-13
Matrix: Solid
Percent Solids: 88.1

Method: SW846 8082A - Polychlorinated Biphenyls (PCBs) by Gas Chromatography (Continued)

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
Tetrachloro-m-xylene	101		10 - 150	09/30/25 16:45	10/01/25 15:45	1

Method: EPA 1633A - Per- and Polyfluoroalkyl Substances by LC/MS/MS, 1633A

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Perfluorobutanoic acid (PFBA)	0.40	U	0.40	0.10	ug/Kg	☼	10/03/25 14:04	10/04/25 12:18	1
Perfluoropentanoic acid (PFPeA)	0.20	U	0.20	0.10	ug/Kg	☼	10/03/25 14:04	10/04/25 12:18	1
Perfluorohexanoic acid (PFHxA)	0.20	U	0.20	0.10	ug/Kg	☼	10/03/25 14:04	10/04/25 12:18	1
Perfluoroheptanoic acid (PFHpA)	**0.17**	**J**	0.20	0.10	ug/Kg	☼	10/03/25 14:04	10/04/25 12:18	1
Perfluorooctanoic acid (PFOA)	**0.26**		0.20	0.060	ug/Kg	☼	10/03/25 14:04	10/04/25 12:18	1
Perfluorononanoic acid (PFNA)	**0.39**		0.20	0.10	ug/Kg	☼	10/03/25 14:04	10/04/25 12:18	1
Perfluorodecanoic acid (PFDA)	**0.85**		0.20	0.060	ug/Kg	☼	10/03/25 14:04	10/04/25 12:18	1
Perfluoroundecanoic acid (PFUnA)	**1.37**		0.20	0.10	ug/Kg	☼	10/03/25 14:04	10/04/25 12:18	1
Perfluorododecanoic acid (PFDoA)	**0.43**		0.20	0.10	ug/Kg	☼	10/03/25 14:04	10/04/25 12:18	1
Perfluorotridecanoic acid (PFTrDA)	**1.35**		0.20	0.10	ug/Kg	☼	10/03/25 14:04	10/04/25 12:18	1
Perfluorotetradecanoic acid (PFTeDA)	**0.15**	**J**	0.20	0.10	ug/Kg	☼	10/03/25 14:04	10/04/25 12:18	1
Perfluorobutanesulfonic acid (PFBS)	0.20	U	0.20	0.10	ug/Kg	☼	10/03/25 14:04	10/04/25 12:18	1
Perfluoropentanesulfonic acid (PFPeS)	0.20	U	0.20	0.10	ug/Kg	☼	10/03/25 14:04	10/04/25 12:18	1
Perfluorohexanesulfonic acid (PFHxS)	0.20	U	0.20	0.10	ug/Kg	☼	10/03/25 14:04	10/04/25 12:18	1
Perfluoroheptanesulfonic acid (PFHpS)	0.20	U	0.20	0.10	ug/Kg	☼	10/03/25 14:04	10/04/25 12:18	1
Perfluorooctanesulfonic acid (PFOS)	0.20	U	0.20	0.10	ug/Kg	☼	10/03/25 14:04	10/04/25 12:18	1
Perfluorononanesulfonic acid (PFNS)	0.20	U	0.20	0.10	ug/Kg	☼	10/03/25 14:04	10/04/25 12:18	1
Perfluorodecanesulfonic acid (PFDS)	0.20	U	0.20	0.10	ug/Kg	☼	10/03/25 14:04	10/04/25 12:18	1
Perfluorododecanesulfonic acid (PFDoS)	0.20	U	0.20	0.10	ug/Kg	☼	10/03/25 14:04	10/04/25 12:18	1
1H,1H,2H,2H-Perfluorohexane sulfonic acid (4:2 FTS)	0.40	U	0.40	0.20	ug/Kg	☼	10/03/25 14:04	10/04/25 12:18	1
1H,1H,2H,2H-Perfluorooctane sulfonic acid (6:2 FTS)	0.40	U	0.40	0.20	ug/Kg	☼	10/03/25 14:04	10/04/25 12:18	1
1H,1H,2H,2H-Perfluorodecane sulfonic acid (8:2 FTS)	**0.71**		0.40	0.20	ug/Kg	☼	10/03/25 14:04	10/04/25 12:18	1
Perfluorooctanesulfonamide (PFOSA)	0.20	U	0.20	0.10	ug/Kg	☼	10/03/25 14:04	10/04/25 12:18	1
N-methylperfluorooctane sulfonamide (NMeFOSA)	0.20	U	0.20	0.10	ug/Kg	☼	10/03/25 14:04	10/04/25 12:18	1
N-ethylperfluorooctane sulfonamide (NEtFOSA)	0.20	U	0.20	0.10	ug/Kg	☼	10/03/25 14:04	10/04/25 12:18	1
N-methylperfluorooctanesulfonamidoacetic acid (NMeFOSAA)	0.20	U	0.20	0.10	ug/Kg	☼	10/03/25 14:04	10/04/25 12:18	1
N-ethylperfluorooctanesulfonamidoacetic acid (NEtFOSAA)	0.20	U	0.20	0.10	ug/Kg	☼	10/03/25 14:04	10/04/25 12:18	1
N-methylperfluorooctane sulfonamidoethanol (NMeFOSE)	1.00	U	1.00	0.50	ug/Kg	☼	10/03/25 14:04	10/04/25 12:18	1
N-ethylperfluorooctane sulfonamidoethanol (NEtFOSE)	1.00	U	1.00	0.50	ug/Kg	☼	10/03/25 14:04	10/04/25 12:18	1
Hexafluoropropylene Oxide Dimer Acid (HFPO-DA)	0.20	U	0.20	0.10	ug/Kg	☼	10/03/25 14:04	10/04/25 12:18	1
4,8-Dioxa-3H-perfluorononanoic acid (ADONA)	0.20	U	0.20	0.10	ug/Kg	☼	10/03/25 14:04	10/04/25 12:18	1

Client Sample ID: 57A_0-4
Date Collected: 09/29/25 13:40
Date Received: 09/29/25 15:30

Lab Sample ID: 460-335975-13
Matrix: Solid
Percent Solids: 88.1

Method: EPA 1633A - Per- and Polyfluoroalkyl Substances by LC/MS/MS, 1633A (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Perfluoro-3-methoxypropanoic acid (PFMPA)	0.20	U	0.20	0.10	ug/Kg	☼	10/03/25 14:04	10/04/25 12:18	1
Perfluoro-4-methoxybutanoic acid (PFMBA)	0.20	U	0.20	0.10	ug/Kg	☼	10/03/25 14:04	10/04/25 12:18	1
Nonafluoro-3,6-dioxaheptanoic acid (NFDHA)	0.20	U	0.20	0.10	ug/Kg	☼	10/03/25 14:04	10/04/25 12:18	1
9-Chlorohexadecafluoro-3-oxanonane-1-sulfonic acid (9Cl-PF3ONS)	0.20	U	0.20	0.10	ug/Kg	☼	10/03/25 14:04	10/04/25 12:18	1
11-Chloroeicosafluoro-3-oxaundecane-1-sulfonic acid (11Cl-PF3OUdS)	0.20	U	0.20	0.10	ug/Kg	☼	10/03/25 14:04	10/04/25 12:18	1
Perfluoro (2-ethoxyethane) sulfonic acid (PFEESA)	0.20	U	0.20	0.10	ug/Kg	☼	10/03/25 14:04	10/04/25 12:18	1
3-Perfluoropropylpropanoic acid (3:3 FTCA)	0.40	U	0.40	0.20	ug/Kg	☼	10/03/25 14:04	10/04/25 12:18	1
3-Perfluoropentylpropanoic acid (5:3 FTCA)	1.00	U	1.00	0.50	ug/Kg	☼	10/03/25 14:04	10/04/25 12:18	1
3-Perfluoroheptylpropanoic acid (7:3 FTCA)	1.00	U	1.00	0.50	ug/Kg	☼	10/03/25 14:04	10/04/25 12:18	1

Isotope Dilution	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
13C4 PFBA	*116*		*8 - 130*	*10/03/25 14:04*	*10/04/25 12:18*	*1*
13C5 PFPeA	*110*		*35 - 130*	*10/03/25 14:04*	*10/04/25 12:18*	*1*
13C5 PFHxA	*109*		*40 - 130*	*10/03/25 14:04*	*10/04/25 12:18*	*1*
13C4 PFHpA	*109*		*40 - 130*	*10/03/25 14:04*	*10/04/25 12:18*	*1*
13C8 PFOA	*109*		*40 - 130*	*10/03/25 14:04*	*10/04/25 12:18*	*1*
13C9 PFNA	*111*		*40 - 130*	*10/03/25 14:04*	*10/04/25 12:18*	*1*
13C6 PFDA	*109*		*40 - 130*	*10/03/25 14:04*	*10/04/25 12:18*	*1*
13C7 PFUnA	*99.8*		*40 - 130*	*10/03/25 14:04*	*10/04/25 12:18*	*1*
13C2 PFTeDA	*85.2*		*20 - 130*	*10/03/25 14:04*	*10/04/25 12:18*	*1*
13C3 PFBS	*105*		*40 - 135*	*10/03/25 14:04*	*10/04/25 12:18*	*1*
13C3 PFHxS	*111*		*40 - 130*	*10/03/25 14:04*	*10/04/25 12:18*	*1*
13C8 PFOS	*109*		*40 - 130*	*10/03/25 14:04*	*10/04/25 12:18*	*1*
13C8 FOSA	*94.4*		*40 - 130*	*10/03/25 14:04*	*10/04/25 12:18*	*1*
d3-NMeFOSAA	*105*		*40 - 135*	*10/03/25 14:04*	*10/04/25 12:18*	*1*
d5-NEtFOSAA	*99.1*		*40 - 150*	*10/03/25 14:04*	*10/04/25 12:18*	*1*
13C2 4:2 FTS	*134*		*40 - 165*	*10/03/25 14:04*	*10/04/25 12:18*	*1*
13C2 6:2 FTS	*131*		*40 - 215*	*10/03/25 14:04*	*10/04/25 12:18*	*1*
13C2 8:2 FTS	*188*		*40 - 275*	*10/03/25 14:04*	*10/04/25 12:18*	*1*
13C3 HFPO-DA	*98.8*		*40 - 130*	*10/03/25 14:04*	*10/04/25 12:18*	*1*
d7-N-MeFOSE-M	*72.6*		*20 - 130*	*10/03/25 14:04*	*10/04/25 12:18*	*1*
d9-N-EtFOSE-M	*66.6*		*15 - 130*	*10/03/25 14:04*	*10/04/25 12:18*	*1*
d5-NEtPFOSA	*88.5*		*10 - 130*	*10/03/25 14:04*	*10/04/25 12:18*	*1*
d3-NMePFOSA	*96.1*		*10 - 130*	*10/03/25 14:04*	*10/04/25 12:18*	*1*
13C2 PFDoA	*93.9*		*40 - 130*	*10/03/25 14:04*	*10/04/25 12:18*	*1*

Method: SW846 6020B - Metals (ICP/MS)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Aluminum	**10600**		17.5	4.8	mg/Kg	☼	10/03/25 19:40	10/05/25 14:25	1
Antimony	**4.6**		0.87	0.13	mg/Kg	☼	10/03/25 19:40	10/05/25 14:25	1
Arsenic	**12.7**		0.87	0.090	mg/Kg	☼	10/03/25 19:40	10/05/25 14:25	1
Barium	**147**		1.7	0.13	mg/Kg	☼	10/03/25 19:40	10/05/25 14:25	1
Beryllium	**2.8**		0.35	0.019	mg/Kg	☼	10/03/25 19:40	10/05/25 14:25	1
Cadmium	**0.75**	**J**	0.87	0.099	mg/Kg	☼	10/03/25 19:40	10/05/25 14:25	1

Client Sample ID: 57A_0-4

Date Collected: 09/29/25 13:40
Date Received: 09/29/25 15:30

Lab Sample ID: 460-335975-13

Matrix: Solid
Percent Solids: 88.1

Method: SW846 6020B - Metals (ICP/MS) (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Calcium	3750		87.3	8.5	mg/Kg	☼	10/03/25 19:40	10/05/25 14:25	1
Chromium	108		1.7	0.26	mg/Kg	☼	10/03/25 19:40	10/05/25 14:25	1
Cobalt	46.8		0.87	0.13	mg/Kg	☼	10/03/25 19:40	10/05/25 14:25	1
Copper	462		1.7	0.32	mg/Kg	☼	10/03/25 19:40	10/05/25 14:25	1
Iron	39300		52.4	6.7	mg/Kg	☼	10/03/25 19:40	10/05/25 14:25	1
Lead	769		0.52	0.17	mg/Kg	☼	10/03/25 19:40	10/05/25 14:25	1
Magnesium	2150		87.3	8.9	mg/Kg	☼	10/03/25 19:40	10/05/25 14:25	1
Manganese	266		3.5	0.35	mg/Kg	☼	10/03/25 19:40	10/05/25 14:25	1
Nickel	216		1.7	0.15	mg/Kg	☼	10/03/25 19:40	10/05/25 14:25	1
Potassium	1680		87.3	14.1	mg/Kg	☼	10/03/25 19:40	10/05/25 14:25	1
Selenium	1.9		1.1	0.11	mg/Kg	☼	10/03/25 19:40	10/05/25 14:25	1
Silver	0.82		0.35	0.078	mg/Kg	☼	10/03/25 19:40	10/05/25 14:25	1
Sodium	307		87.3	39.9	mg/Kg	☼	10/03/25 19:40	10/05/25 14:25	1
Thallium	0.069	J	0.35	0.036	mg/Kg	☼	10/03/25 19:40	10/05/25 14:25	1
Vanadium	37.3		1.7	0.18	mg/Kg	☼	10/03/25 19:40	10/05/25 14:25	1
Zinc	1420		7.0	0.95	mg/Kg	☼	10/03/25 19:40	10/05/25 14:25	1

Method: SW846 7471B - Mercury (CVAA)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	0.026		0.018	0.0086	mg/Kg	☼	10/06/25 01:32	10/06/25 12:12	1

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Percent Moisture (EPA Moisture)	11.9		1.0	1.0	%			10/02/25 17:22	1
Percent Solids (EPA Moisture)	88.1		1.0	1.0	%			10/02/25 17:22	1

Client Sample ID: 57A_4-8

Date Collected: 09/29/25 13:45
Date Received: 09/29/25 15:30

Lab Sample ID: 460-335975-14

Matrix: Solid
Percent Solids: 92.3

Method: SW846 8270E - Semivolatile Organic Compounds (GC/MS)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1'-Biphenyl	0.35	U	0.35	0.012	mg/Kg	☼	09/30/25 22:25	10/01/25 13:19	1
1,2,4,5-Tetrachlorobenzene	0.35	U	0.35	0.011	mg/Kg	☼	09/30/25 22:25	10/01/25 13:19	1
1,4-Dioxane	0.035	U	0.035	0.031	mg/Kg	☼	09/30/25 22:25	10/01/25 13:19	1
2,2'-oxybis[1-chloropropane]	0.35	U	0.35	0.021	mg/Kg	☼	09/30/25 22:25	10/01/25 13:19	1
2,3,4,6-Tetrachlorophenol	0.35	U	0.35	0.024	mg/Kg	☼	09/30/25 22:25	10/01/25 13:19	1
2,4,5-Trichlorophenol	0.35	U	0.35	0.036	mg/Kg	☼	09/30/25 22:25	10/01/25 13:19	1
2,4,6-Trichlorophenol	0.14	U	0.14	0.046	mg/Kg	☼	09/30/25 22:25	10/01/25 13:19	1
2,4-Dichlorophenol	0.14	U	0.14	0.023	mg/Kg	☼	09/30/25 22:25	10/01/25 13:19	1
2,4-Dimethylphenol	0.35	U	0.35	0.042	mg/Kg	☼	09/30/25 22:25	10/01/25 13:19	1
2,4-Dinitrophenol	0.29	U	0.29	0.17	mg/Kg	☼	09/30/25 22:25	10/01/25 13:19	1
2,4-Dinitrotoluene	0.072	U	0.072	0.038	mg/Kg	☼	09/30/25 22:25	10/01/25 13:19	1
2,6-Dinitrotoluene	0.072	U	0.072	0.026	mg/Kg	☼	09/30/25 22:25	10/01/25 13:19	1
2-Chloronaphthalene	0.35	U	0.35	0.046	mg/Kg	☼	09/30/25 22:25	10/01/25 13:19	1
2-Chlorophenol	0.35	U	0.35	0.013	mg/Kg	☼	09/30/25 22:25	10/01/25 13:19	1
2-Methylnaphthalene	0.35	U	0.35	0.0099	mg/Kg	☼	09/30/25 22:25	10/01/25 13:19	1
2-Methylphenol	0.35	U	0.35	0.013	mg/Kg	☼	09/30/25 22:25	10/01/25 13:19	1
2-Nitroaniline	0.35	U	0.35	0.027	mg/Kg	☼	09/30/25 22:25	10/01/25 13:19	1
2-Nitrophenol	0.35	U	0.35	0.036	mg/Kg	☼	09/30/25 22:25	10/01/25 13:19	1

Client Sample ID: 57A_4-8
Date Collected: 09/29/25 13:45
Date Received: 09/29/25 15:30

Lab Sample ID: 460-335975-14
Matrix: Solid
Percent Solids: 92.3

Method: SW846 8270E - Semivolatile Organic Compounds (GC/MS) (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
3 & 4 Methylphenol	0.35	U	0.35	0.022	mg/Kg	☼	09/30/25 22:25	10/01/25 13:19	1
3,3'-Dichlorobenzidine	0.14	U	0.14	0.054	mg/Kg	☼	09/30/25 22:25	10/01/25 13:19	1
3-Nitroaniline	0.35	U	0.35	0.084	mg/Kg	☼	09/30/25 22:25	10/01/25 13:19	1
4,6-Dinitro-2-methylphenol	0.29	U	0.29	0.14	mg/Kg	☼	09/30/25 22:25	10/01/25 13:19	1
4-Bromophenyl phenyl ether	0.35	U	0.35	0.014	mg/Kg	☼	09/30/25 22:25	10/01/25 13:19	1
4-Chloro-3-methylphenol	0.35	U	0.35	0.020	mg/Kg	☼	09/30/25 22:25	10/01/25 13:19	1
4-Chloroaniline	0.35	U	0.35	0.063	mg/Kg	☼	09/30/25 22:25	10/01/25 13:19	1
4-Chlorophenyl phenyl ether	0.35	U	0.35	0.013	mg/Kg	☼	09/30/25 22:25	10/01/25 13:19	1
4-Methylphenol	0.35	U	0.35	0.022	mg/Kg	☼	09/30/25 22:25	10/01/25 13:19	1
4-Nitroaniline	0.35	U	0.35	0.090	mg/Kg	☼	09/30/25 22:25	10/01/25 13:19	1
4-Nitrophenol	0.72	U	0.72	0.058	mg/Kg	☼	09/30/25 22:25	10/01/25 13:19	1
Acenaphthene	0.35	U	0.35	0.010	mg/Kg	☼	09/30/25 22:25	10/01/25 13:19	1
Acenaphthylene	0.35	U	0.35	0.010	mg/Kg	☼	09/30/25 22:25	10/01/25 13:19	1
Acetophenone	0.35	U	0.35	0.017	mg/Kg	☼	09/30/25 22:25	10/01/25 13:19	1
Anthracene	0.35	U	0.35	0.011	mg/Kg	☼	09/30/25 22:25	10/01/25 13:19	1
Atrazine	0.14	U	0.14	0.021	mg/Kg	☼	09/30/25 22:25	10/01/25 13:19	1
Benzaldehyde	0.35	U	0.35	0.059	mg/Kg	☼	09/30/25 22:25	10/01/25 13:19	1
Benzo[a]anthracene	0.035	U	0.035	0.027	mg/Kg	☼	09/30/25 22:25	10/01/25 13:19	1
Benzo[a]pyrene	0.035	U	0.035	0.0095	mg/Kg	☼	09/30/25 22:25	10/01/25 13:19	1
Benzo[b]fluoranthene	0.035	U	0.035	0.0092	mg/Kg	☼	09/30/25 22:25	10/01/25 13:19	1
Benzo[g,h,i]perylene	0.35	U	0.35	0.010	mg/Kg	☼	09/30/25 22:25	10/01/25 13:19	1
Benzo[k]fluoranthene	0.035	U	0.035	0.0070	mg/Kg	☼	09/30/25 22:25	10/01/25 13:19	1
Bis(2-chloroethoxy)methane	0.35	U	0.35	0.066	mg/Kg	☼	09/30/25 22:25	10/01/25 13:19	1
Bis(2-chloroethyl)ether	0.035	U	0.035	0.012	mg/Kg	☼	09/30/25 22:25	10/01/25 13:19	1
Bis(2-ethylhexyl) phthalate	0.35	U	0.35	0.019	mg/Kg	☼	09/30/25 22:25	10/01/25 13:19	1
Butyl benzyl phthalate	0.35	U	0.35	0.017	mg/Kg	☼	09/30/25 22:25	10/01/25 13:19	1
Caprolactam	0.35	U	0.35	0.055	mg/Kg	☼	09/30/25 22:25	10/01/25 13:19	1
Carbazole	0.35	U	0.35	0.014	mg/Kg	☼	09/30/25 22:25	10/01/25 13:19	1
Chrysene	0.35	U	0.35	0.015	mg/Kg	☼	09/30/25 22:25	10/01/25 13:19	1
Dibenz(a,h)anthracene	0.035	U	0.035	0.015	mg/Kg	☼	09/30/25 22:25	10/01/25 13:19	1
Dibenzofuran	0.35	U	0.35	0.012	mg/Kg	☼	09/30/25 22:25	10/01/25 13:19	1
Diethyl phthalate	0.35	U	0.35	0.011	mg/Kg	☼	09/30/25 22:25	10/01/25 13:19	1
Dimethyl phthalate	0.35	U	0.35	0.081	mg/Kg	☼	09/30/25 22:25	10/01/25 13:19	1
Di-n-butyl phthalate	0.35	U	0.35	0.013	mg/Kg	☼	09/30/25 22:25	10/01/25 13:19	1
Di-n-octyl phthalate	0.35	U	0.35	0.019	mg/Kg	☼	09/30/25 22:25	10/01/25 13:19	1
Fluoranthene	0.35	U	0.35	0.012	mg/Kg	☼	09/30/25 22:25	10/01/25 13:19	1
Fluorene	0.35	U	0.35	0.010	mg/Kg	☼	09/30/25 22:25	10/01/25 13:19	1
Hexachlorobenzene	0.035	U	0.035	0.017	mg/Kg	☼	09/30/25 22:25	10/01/25 13:19	1
Hexachlorobutadiene	0.072	U	0.072	0.0076	mg/Kg	☼	09/30/25 22:25	10/01/25 13:19	1
Hexachlorocyclopentadiene	0.35	U	0.35	0.031	mg/Kg	☼	09/30/25 22:25	10/01/25 13:19	1
Hexachloroethane	0.035	U	0.035	0.012	mg/Kg	☼	09/30/25 22:25	10/01/25 13:19	1
Indeno[1,2,3-cd]pyrene	0.035	U	0.035	0.014	mg/Kg	☼	09/30/25 22:25	10/01/25 13:19	1
Isophorone	0.14	U	0.14	0.10	mg/Kg	☼	09/30/25 22:25	10/01/25 13:19	1
Naphthalene	0.35	U	0.35	0.0061	mg/Kg	☼	09/30/25 22:25	10/01/25 13:19	1
Nitrobenzene	0.035	U	0.035	0.020	mg/Kg	☼	09/30/25 22:25	10/01/25 13:19	1
N-Nitrosodi-n-propylamine	0.035	U	0.035	0.026	mg/Kg	☼	09/30/25 22:25	10/01/25 13:19	1
N-Nitrosodiphenylamine	0.35	U	0.35	0.029	mg/Kg	☼	09/30/25 22:25	10/01/25 13:19	1
Pentachlorophenol	0.29	U	0.29	0.073	mg/Kg	☼	09/30/25 22:25	10/01/25 13:19	1
Phenanthrene	0.35	U	0.35	0.014	mg/Kg	☼	09/30/25 22:25	10/01/25 13:19	1

Client Sample ID: 57A_4-8
Date Collected: 09/29/25 13:45
Date Received: 09/29/25 15:30

Lab Sample ID: 460-335975-14
Matrix: Solid
Percent Solids: 92.3

Method: SW846 8270E - Semivolatile Organic Compounds (GC/MS) (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Phenol	0.35	U	0.35	0.013	mg/Kg	☼	09/30/25 22:25	10/01/25 13:19	1
Pyrene	0.35	U	0.35	0.0088	mg/Kg	☼	09/30/25 22:25	10/01/25 13:19	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
2,4,6-Tribromophenol (Surr)	*52*		*18 - 137*	*09/30/25 22:25*	*10/01/25 13:19*	*1*
2-Fluorobiphenyl	*56*		*33 - 117*	*09/30/25 22:25*	*10/01/25 13:19*	*1*
2-Fluorophenol (Surr)	*59*		*24 - 120*	*09/30/25 22:25*	*10/01/25 13:19*	*1*
Nitrobenzene-d5 (Surr)	*58*		*27 - 120*	*09/30/25 22:25*	*10/01/25 13:19*	*1*
Phenol-d5 (Surr)	*58*		*28 - 118*	*09/30/25 22:25*	*10/01/25 13:19*	*1*
Terphenyl-d14 (Surr)	*61*		*33 - 124*	*09/30/25 22:25*	*10/01/25 13:19*	*1*

Method: SW846 8081B - Organochlorine Pesticides (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
4,4'-DDD	0.0073	U	0.0073	0.0012	mg/Kg	☼	09/30/25 16:49	10/01/25 08:41	1
4,4'-DDE	0.0073	U	0.0073	0.00086	mg/Kg	☼	09/30/25 16:49	10/01/25 08:41	1
4,4'-DDT	0.0073	U	0.0073	0.0013	mg/Kg	☼	09/30/25 16:49	10/01/25 08:41	1
Aldrin	0.0073	U	0.0073	0.0011	mg/Kg	☼	09/30/25 16:49	10/01/25 08:41	1
alpha-BHC	0.0022	U	0.0022	0.00074	mg/Kg	☼	09/30/25 16:49	10/01/25 08:41	1
beta-BHC	0.0022	U	0.0022	0.00081	mg/Kg	☼	09/30/25 16:49	10/01/25 08:41	1
Chlordane (technical)	0.073	U	0.073	0.018	mg/Kg	☼	09/30/25 16:49	10/01/25 08:41	1
cis-Chlordane	0.0073	U	0.0073	0.0011	mg/Kg	☼	09/30/25 16:49	10/01/25 08:41	1
delta-BHC	0.0022	U	0.0022	0.00044	mg/Kg	☼	09/30/25 16:49	10/01/25 08:41	1
Dieldrin	0.0022	U	0.0022	0.00094	mg/Kg	☼	09/30/25 16:49	10/01/25 08:41	1
Endosulfan I	0.0073	U	0.0073	0.0011	mg/Kg	☼	09/30/25 16:49	10/01/25 08:41	1
Endosulfan II	0.0073	U	0.0073	0.0019	mg/Kg	☼	09/30/25 16:49	10/01/25 08:41	1
Endosulfan sulfate	0.0073	U	0.0073	0.00091	mg/Kg	☼	09/30/25 16:49	10/01/25 08:41	1
Endrin	0.0073	U	0.0073	0.0010	mg/Kg	☼	09/30/25 16:49	10/01/25 08:41	1
Endrin aldehyde	0.0073	U	0.0073	0.0017	mg/Kg	☼	09/30/25 16:49	10/01/25 08:41	1
Endrin ketone	0.0073	U	0.0073	0.0014	mg/Kg	☼	09/30/25 16:49	10/01/25 08:41	1
gamma-BHC (Lindane)	0.0022	U	0.0022	0.00067	mg/Kg	☼	09/30/25 16:49	10/01/25 08:41	1
Heptachlor	0.0073	U	0.0073	0.00086	mg/Kg	☼	09/30/25 16:49	10/01/25 08:41	1
Heptachlor epoxide	0.0073	U	0.0073	0.0011	mg/Kg	☼	09/30/25 16:49	10/01/25 08:41	1
Methoxychlor	0.0073	U	0.0073	0.0017	mg/Kg	☼	09/30/25 16:49	10/01/25 08:41	1
Toxaphene	0.073	U	0.073	0.026	mg/Kg	☼	09/30/25 16:49	10/01/25 08:41	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
DCB Decachlorobiphenyl	*117*		*10 - 150*	*09/30/25 16:49*	*10/01/25 08:41*	*1*
DCB Decachlorobiphenyl	*121*		*10 - 150*	*09/30/25 16:49*	*10/01/25 08:41*	*1*
Tetrachloro-m-xylene	*105*		*14 - 150*	*09/30/25 16:49*	*10/01/25 08:41*	*1*
Tetrachloro-m-xylene	*104*		*14 - 150*	*09/30/25 16:49*	*10/01/25 08:41*	*1*

Method: SW846 8082A - Polychlorinated Biphenyls (PCBs) by Gas Chromatography

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Aroclor 1016	0.073	U	0.073	0.019	mg/Kg	☼	09/30/25 16:45	10/01/25 16:02	1
Aroclor 1221	0.073	U	0.073	0.019	mg/Kg	☼	09/30/25 16:45	10/01/25 16:02	1
Aroclor 1232	0.073	U	0.073	0.019	mg/Kg	☼	09/30/25 16:45	10/01/25 16:02	1
Aroclor 1242	0.073	U	0.073	0.019	mg/Kg	☼	09/30/25 16:45	10/01/25 16:02	1
Aroclor 1248	0.073	U	0.073	0.019	mg/Kg	☼	09/30/25 16:45	10/01/25 16:02	1
Aroclor 1254	0.073	U	0.073	0.019	mg/Kg	☼	09/30/25 16:45	10/01/25 16:02	1
Aroclor 1260	0.073	U	0.073	0.019	mg/Kg	☼	09/30/25 16:45	10/01/25 16:02	1

Client Sample ID: 57A_4-8
Date Collected: 09/29/25 13:45
Date Received: 09/29/25 15:30

Lab Sample ID: 460-335975-14
Matrix: Solid
Percent Solids: 92.3

Method: SW846 8082A - Polychlorinated Biphenyls (PCBs) by Gas Chromatography (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Aroclor-1262	0.073	U	0.073	0.019	mg/Kg	☼	09/30/25 16:45	10/01/25 16:02	1
Aroclor 1268	0.073	U	0.073	0.019	mg/Kg	☼	09/30/25 16:45	10/01/25 16:02	1
Polychlorinated biphenyls, Total	0.073	U	0.073	0.019	mg/Kg	☼	09/30/25 16:45	10/01/25 16:02	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
DCB Decachlorobiphenyl	*91*		*10 - 150*	*09/30/25 16:45*	*10/01/25 16:02*	*1*
DCB Decachlorobiphenyl	*100*		*10 - 150*	*09/30/25 16:45*	*10/01/25 16:02*	*1*
Tetrachloro-m-xylene	*98*		*10 - 150*	*09/30/25 16:45*	*10/01/25 16:02*	*1*
Tetrachloro-m-xylene	*99*		*10 - 150*	*09/30/25 16:45*	*10/01/25 16:02*	*1*

Method: EPA 1633A - Per- and Polyfluoroalkyl Substances by LC/MS/MS, 1633A

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Perfluorobutanoic acid (PFBA)	0.40	U	0.40	0.099	ug/Kg	☼	10/03/25 14:04	10/04/25 12:31	1
Perfluoropentanoic acid (PFPeA)	0.20	U	0.20	0.099	ug/Kg	☼	10/03/25 14:04	10/04/25 12:31	1
Perfluorohexanoic acid (PFHxA)	0.20	U	0.20	0.099	ug/Kg	☼	10/03/25 14:04	10/04/25 12:31	1
Perfluoroheptanoic acid (PFHpA)	**0.10**	**J**	0.20	0.099	ug/Kg	☼	10/03/25 14:04	10/04/25 12:31	1
Perfluorooctanoic acid (PFOA)	**0.15**	**J**	0.20	0.060	ug/Kg	☼	10/03/25 14:04	10/04/25 12:31	1
Perfluorononanoic acid (PFNA)	**0.22**		0.20	0.099	ug/Kg	☼	10/03/25 14:04	10/04/25 12:31	1
Perfluorodecanoic acid (PFDA)	**0.56**		0.20	0.060	ug/Kg	☼	10/03/25 14:04	10/04/25 12:31	1
Perfluoroundecanoic acid (PFUnA)	**0.93**		0.20	0.099	ug/Kg	☼	10/03/25 14:04	10/04/25 12:31	1
Perfluorododecanoic acid (PFDoA)	**0.39**		0.20	0.099	ug/Kg	☼	10/03/25 14:04	10/04/25 12:31	1
Perfluorotridecanoic acid (PFTrDA)	**0.60**		0.20	0.099	ug/Kg	☼	10/03/25 14:04	10/04/25 12:31	1
Perfluorotetradecanoic acid (PFTeDA)	0.20	U	0.20	0.099	ug/Kg	☼	10/03/25 14:04	10/04/25 12:31	1
Perfluorobutanesulfonic acid (PFBS)	0.20	U	0.20	0.099	ug/Kg	☼	10/03/25 14:04	10/04/25 12:31	1
Perfluoropentanesulfonic acid (PFPeS)	0.20	U	0.20	0.099	ug/Kg	☼	10/03/25 14:04	10/04/25 12:31	1
Perfluorohexanesulfonic acid (PFHxS)	0.20	U	0.20	0.099	ug/Kg	☼	10/03/25 14:04	10/04/25 12:31	1
Perfluoroheptanesulfonic acid (PFHpS)	0.20	U	0.20	0.099	ug/Kg	☼	10/03/25 14:04	10/04/25 12:31	1
Perfluorooctanesulfonic acid (PFOS)	0.20	U	0.20	0.099	ug/Kg	☼	10/03/25 14:04	10/04/25 12:31	1
Perfluorononanesulfonic acid (PFNS)	0.20	U	0.20	0.099	ug/Kg	☼	10/03/25 14:04	10/04/25 12:31	1
Perfluorodecanesulfonic acid (PFDS)	0.20	U	0.20	0.099	ug/Kg	☼	10/03/25 14:04	10/04/25 12:31	1
Perfluorododecanesulfonic acid (PFDoS)	0.20	U	0.20	0.099	ug/Kg	☼	10/03/25 14:04	10/04/25 12:31	1
1H,1H,2H,2H-Perfluorohexane sulfonic acid (4:2 FTS)	0.40	U	0.40	0.20	ug/Kg	☼	10/03/25 14:04	10/04/25 12:31	1
1H,1H,2H,2H-Perfluorooctane sulfonic acid (6:2 FTS)	0.40	U	0.40	0.20	ug/Kg	☼	10/03/25 14:04	10/04/25 12:31	1
1H,1H,2H,2H-Perfluorodecane sulfonic acid (8:2 FTS)	**0.53**		0.40	0.20	ug/Kg	☼	10/03/25 14:04	10/04/25 12:31	1
Perfluorooctanesulfonamide (PFOSA)	0.20	U	0.20	0.099	ug/Kg	☼	10/03/25 14:04	10/04/25 12:31	1
N-methylperfluorooctane sulfonamide (NMeFOSA)	0.20	U	0.20	0.099	ug/Kg	☼	10/03/25 14:04	10/04/25 12:31	1
N-ethylperfluorooctane sulfonamide (NEtFOSA)	0.20	U	0.20	0.099	ug/Kg	☼	10/03/25 14:04	10/04/25 12:31	1
N-methylperfluorooctanesulfonamidoacetic acid (NMeFOSAA)	0.20	U	0.20	0.099	ug/Kg	☼	10/03/25 14:04	10/04/25 12:31	1
N-ethylperfluorooctanesulfonamidoacetic acid (NEtFOSAA)	0.20	U	0.20	0.099	ug/Kg	☼	10/03/25 14:04	10/04/25 12:31	1

Client Sample ID: 57A_4-8
Date Collected: 09/29/25 13:45
Date Received: 09/29/25 15:30

Lab Sample ID: 460-335975-14
Matrix: Solid
Percent Solids: 92.3

Method: EPA 1633A - Per- and Polyfluoroalkyl Substances by LC/MS/MS, 1633A (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
N-methylperfluorooctane sulfonamidoethanol (NMeFOSE)	0.99	U	0.99	0.50	ug/Kg	☼	10/03/25 14:04	10/04/25 12:31	1
N-ethylperfluorooctane sulfonamidoethanol (NEtFOSE)	0.99	U	0.99	0.50	ug/Kg	☼	10/03/25 14:04	10/04/25 12:31	1
Hexafluoropropylene Oxide Dimer Acid (HFPO-DA)	0.20	U	0.20	0.099	ug/Kg	☼	10/03/25 14:04	10/04/25 12:31	1
4,8-Dioxa-3H-perfluorononanoic acid (ADONA)	0.20	U	0.20	0.099	ug/Kg	☼	10/03/25 14:04	10/04/25 12:31	1
Perfluoro-3-methoxypropanoic acid (PFMPA)	0.20	U	0.20	0.099	ug/Kg	☼	10/03/25 14:04	10/04/25 12:31	1
Perfluoro-4-methoxybutanoic acid (PFMBA)	0.20	U	0.20	0.099	ug/Kg	☼	10/03/25 14:04	10/04/25 12:31	1
Nonafluoro-3,6-dioxaheptanoic acid (NFDHA)	0.20	U	0.20	0.099	ug/Kg	☼	10/03/25 14:04	10/04/25 12:31	1
9-Chlorohexadecafluoro-3-oxanonane-1-sulfonic acid (9Cl-PF3ONS)	0.20	U	0.20	0.099	ug/Kg	☼	10/03/25 14:04	10/04/25 12:31	1
11-Chloroeicosafluoro-3-oxaundecane-1-sulfonic acid (11Cl-PF3OUdS)	0.20	U	0.20	0.099	ug/Kg	☼	10/03/25 14:04	10/04/25 12:31	1
Perfluoro (2-ethoxyethane) sulfonic acid (PFEESA)	0.20	U	0.20	0.099	ug/Kg	☼	10/03/25 14:04	10/04/25 12:31	1
3-Perfluoropropylpropanoic acid (3:3 FTCA)	0.40	U	0.40	0.20	ug/Kg	☼	10/03/25 14:04	10/04/25 12:31	1
3-Perfluoropentylpropanoic acid (5:3 FTCA)	0.99	U	0.99	0.50	ug/Kg	☼	10/03/25 14:04	10/04/25 12:31	1
3-Perfluoroheptylpropanoic acid (7:3 FTCA)	0.99	U	0.99	0.50	ug/Kg	☼	10/03/25 14:04	10/04/25 12:31	1

Isotope Dilution	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
13C4 PFBA	*116*		*8 - 130*	*10/03/25 14:04*	*10/04/25 12:31*	*1*
13C5 PFPeA	*110*		*35 - 130*	*10/03/25 14:04*	*10/04/25 12:31*	*1*
13C5 PFHxA	*109*		*40 - 130*	*10/03/25 14:04*	*10/04/25 12:31*	*1*
13C4 PFHpA	*110*		*40 - 130*	*10/03/25 14:04*	*10/04/25 12:31*	*1*
13C8 PFOA	*111*		*40 - 130*	*10/03/25 14:04*	*10/04/25 12:31*	*1*
13C9 PFNA	*111*		*40 - 130*	*10/03/25 14:04*	*10/04/25 12:31*	*1*
13C6 PFDA	*108*		*40 - 130*	*10/03/25 14:04*	*10/04/25 12:31*	*1*
13C7 PFUnA	*92.6*		*40 - 130*	*10/03/25 14:04*	*10/04/25 12:31*	*1*
13C2 PFTeDA	*35.9*		*20 - 130*	*10/03/25 14:04*	*10/04/25 12:31*	*1*
13C3 PFBS	*105*		*40 - 135*	*10/03/25 14:04*	*10/04/25 12:31*	*1*
13C3 PFHxS	*108*		*40 - 130*	*10/03/25 14:04*	*10/04/25 12:31*	*1*
13C8 PFOS	*106*		*40 - 130*	*10/03/25 14:04*	*10/04/25 12:31*	*1*
13C8 FOSA	*89.8*		*40 - 130*	*10/03/25 14:04*	*10/04/25 12:31*	*1*
d3-NMeFOSAA	*85.7*		*40 - 135*	*10/03/25 14:04*	*10/04/25 12:31*	*1*
d5-NEtFOSAA	*75.2*		*40 - 150*	*10/03/25 14:04*	*10/04/25 12:31*	*1*
13C2 4:2 FTS	*170*	*	*40 - 165*	*10/03/25 14:04*	*10/04/25 12:31*	*1*
13C2 6:2 FTS	*155*		*40 - 215*	*10/03/25 14:04*	*10/04/25 12:31*	*1*
13C2 8:2 FTS	*200*		*40 - 275*	*10/03/25 14:04*	*10/04/25 12:31*	*1*
13C3 HFPO-DA	*101*		*40 - 130*	*10/03/25 14:04*	*10/04/25 12:31*	*1*
d7-N-MeFOSE-M	*58.3*		*20 - 130*	*10/03/25 14:04*	*10/04/25 12:31*	*1*
d9-N-EtFOSE-M	*47.8*		*15 - 130*	*10/03/25 14:04*	*10/04/25 12:31*	*1*
d5-NEtPFOSA	*68.2*		*10 - 130*	*10/03/25 14:04*	*10/04/25 12:31*	*1*
d3-NMePFOSA	*81.3*		*10 - 130*	*10/03/25 14:04*	*10/04/25 12:31*	*1*
13C2 PFDoA	*71.1*		*40 - 130*	*10/03/25 14:04*	*10/04/25 12:31*	*1*

Client Sample ID: 57A_4-8

Date Collected: 09/29/25 13:45
Date Received: 09/29/25 15:30

Lab Sample ID: 460-335975-14

Matrix: Solid
Percent Solids: 92.3

Method: SW846 6020B - Metals (ICP/MS)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Aluminum	5580		16.5	4.5	mg/Kg	☼	10/03/25 19:40	10/04/25 19:19	1
Antimony	1.2		0.83	0.12	mg/Kg	☼	10/03/25 19:40	10/04/25 19:19	1
Arsenic	7.4		0.83	0.085	mg/Kg	☼	10/03/25 19:40	10/04/25 19:19	1
Barium	49.1		1.7	0.12	mg/Kg	☼	10/03/25 19:40	10/04/25 19:19	1
Beryllium	1.0		0.33	0.018	mg/Kg	☼	10/03/25 19:40	10/04/25 19:19	1
Cadmium	0.16	J	0.83	0.093	mg/Kg	☼	10/03/25 19:40	10/04/25 19:19	1
Calcium	1020		82.7	8.1	mg/Kg	☼	10/03/25 19:40	10/04/25 19:19	1
Chromium	28.6		1.7	0.25	mg/Kg	☼	10/03/25 19:40	10/04/25 19:19	1
Cobalt	11.7		0.83	0.12	mg/Kg	☼	10/03/25 19:40	10/04/25 19:19	1
Copper	96.8		1.7	0.30	mg/Kg	☼	10/03/25 19:40	10/04/25 19:19	1
Iron	22600		49.6	6.3	mg/Kg	☼	10/03/25 19:40	10/04/25 19:19	1
Lead	109		0.50	0.17	mg/Kg	☼	10/03/25 19:40	10/04/25 19:19	1
Magnesium	1240		82.7	8.4	mg/Kg	☼	10/03/25 19:40	10/04/25 19:19	1
Manganese	298		3.3	0.33	mg/Kg	☼	10/03/25 19:40	10/04/25 19:19	1
Nickel	43.1		1.7	0.15	mg/Kg	☼	10/03/25 19:40	10/04/25 19:19	1
Potassium	1650		82.7	13.4	mg/Kg	☼	10/03/25 19:40	10/04/25 19:19	1
Selenium	0.65	J	1.0	0.11	mg/Kg	☼	10/03/25 19:40	10/04/25 19:19	1
Silver	0.16	J	0.33	0.074	mg/Kg	☼	10/03/25 19:40	10/04/25 19:19	1
Sodium	80.2	J	82.7	37.8	mg/Kg	☼	10/03/25 19:40	10/04/25 19:19	1
Thallium	0.045	J	0.33	0.034	mg/Kg	☼	10/03/25 19:40	10/04/25 19:19	1
Vanadium	22.7		1.7	0.17	mg/Kg	☼	10/03/25 19:40	10/04/25 19:19	1
Zinc	281		6.6	0.90	mg/Kg	☼	10/03/25 19:40	10/04/25 19:19	1

Method: SW846 7471B - Mercury (CVAA)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	0.014	J	0.018	0.0085	mg/Kg	☼	10/06/25 01:32	10/06/25 12:15	1

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Percent Moisture (EPA Moisture)	7.7		1.0	1.0	%			10/02/25 17:22	1
Percent Solids (EPA Moisture)	92.3		1.0	1.0	%			10/02/25 17:22	1

Client Sample ID: 57B_0-4

Date Collected: 09/29/25 13:50
Date Received: 09/29/25 15:30

Lab Sample ID: 460-335975-15

Matrix: Solid
Percent Solids: 85.7

Method: SW846 8270E - Semivolatile Organic Compounds (GC/MS)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1'-Biphenyl	0.38	U	0.38	0.013	mg/Kg	☼	09/30/25 22:25	10/01/25 13:42	1
1,2,4,5-Tetrachlorobenzene	0.38	U	0.38	0.012	mg/Kg	☼	09/30/25 22:25	10/01/25 13:42	1
1,4-Dioxane	0.038	U	0.038	0.033	mg/Kg	☼	09/30/25 22:25	10/01/25 13:42	1
2,2'-oxybis[1-chloropropane]	0.38	U	0.38	0.023	mg/Kg	☼	09/30/25 22:25	10/01/25 13:42	1
2,3,4,6-Tetrachlorophenol	0.38	U	0.38	0.026	mg/Kg	☼	09/30/25 22:25	10/01/25 13:42	1
2,4,5-Trichlorophenol	0.38	U	0.38	0.039	mg/Kg	☼	09/30/25 22:25	10/01/25 13:42	1
2,4,6-Trichlorophenol	0.15	U	0.15	0.049	mg/Kg	☼	09/30/25 22:25	10/01/25 13:42	1
2,4-Dichlorophenol	0.15	U	0.15	0.024	mg/Kg	☼	09/30/25 22:25	10/01/25 13:42	1
2,4-Dimethylphenol	0.38	U	0.38	0.046	mg/Kg	☼	09/30/25 22:25	10/01/25 13:42	1
2,4-Dinitrophenol	0.31	U	0.31	0.19	mg/Kg	☼	09/30/25 22:25	10/01/25 13:42	1
2,4-Dinitrotoluene	0.077	U	0.077	0.041	mg/Kg	☼	09/30/25 22:25	10/01/25 13:42	1
2,6-Dinitrotoluene	0.077	U	0.077	0.028	mg/Kg	☼	09/30/25 22:25	10/01/25 13:42	1

Client: Haley & Aldrich, Inc.
Project/Site: Former Port Mobil

Job ID: 460-335975-1

Client Sample ID: 57B_0-4
Date Collected: 09/29/25 13:50
Date Received: 09/29/25 15:30

Lab Sample ID: 460-335975-15
Matrix: Solid
Percent Solids: 85.7

Method: SW846 8270E - Semivolatile Organic Compounds (GC/MS) (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
2-Chloronaphthalene	0.38	U	0.38	0.049	mg/Kg	☼	09/30/25 22:25	10/01/25 13:42	1
2-Chlorophenol	0.38	U	0.38	0.014	mg/Kg	☼	09/30/25 22:25	10/01/25 13:42	1
2-Methylnaphthalene	0.38	U	0.38	0.011	mg/Kg	☼	09/30/25 22:25	10/01/25 13:42	1
2-Methylphenol	0.38	U	0.38	0.014	mg/Kg	☼	09/30/25 22:25	10/01/25 13:42	1
2-Nitroaniline	0.38	U	0.38	0.029	mg/Kg	☼	09/30/25 22:25	10/01/25 13:42	1
2-Nitrophenol	0.38	U	0.38	0.038	mg/Kg	☼	09/30/25 22:25	10/01/25 13:42	1
3 & 4 Methylphenol	0.38	U	0.38	0.024	mg/Kg	☼	09/30/25 22:25	10/01/25 13:42	1
3,3'-Dichlorobenzidine	0.15	U	0.15	0.058	mg/Kg	☼	09/30/25 22:25	10/01/25 13:42	1
3-Nitroaniline	0.38	U	0.38	0.091	mg/Kg	☼	09/30/25 22:25	10/01/25 13:42	1
4,6-Dinitro-2-methylphenol	0.31	U	0.31	0.16	mg/Kg	☼	09/30/25 22:25	10/01/25 13:42	1
4-Bromophenyl phenyl ether	0.38	U	0.38	0.015	mg/Kg	☼	09/30/25 22:25	10/01/25 13:42	1
4-Chloro-3-methylphenol	0.38	U	0.38	0.021	mg/Kg	☼	09/30/25 22:25	10/01/25 13:42	1
4-Chloroaniline	0.38	U	0.38	0.068	mg/Kg	☼	09/30/25 22:25	10/01/25 13:42	1
4-Chlorophenyl phenyl ether	0.38	U	0.38	0.013	mg/Kg	☼	09/30/25 22:25	10/01/25 13:42	1
4-Methylphenol	0.38	U	0.38	0.024	mg/Kg	☼	09/30/25 22:25	10/01/25 13:42	1
4-Nitroaniline	0.38	U	0.38	0.097	mg/Kg	☼	09/30/25 22:25	10/01/25 13:42	1
4-Nitrophenol	0.77	U	0.77	0.062	mg/Kg	☼	09/30/25 22:25	10/01/25 13:42	1
Acenaphthene	0.38	U	0.38	0.011	mg/Kg	☼	09/30/25 22:25	10/01/25 13:42	1
Acenaphthylene	0.38	U	0.38	0.011	mg/Kg	☼	09/30/25 22:25	10/01/25 13:42	1
Acetophenone	0.38	U	0.38	0.019	mg/Kg	☼	09/30/25 22:25	10/01/25 13:42	1
Anthracene	0.38	U	0.38	0.012	mg/Kg	☼	09/30/25 22:25	10/01/25 13:42	1
Atrazine	0.15	U	0.15	0.022	mg/Kg	☼	09/30/25 22:25	10/01/25 13:42	1
Benzaldehyde	0.38	U	0.38	0.063	mg/Kg	☼	09/30/25 22:25	10/01/25 13:42	1
Benzo[a]anthracene	0.038	U	0.038	0.029	mg/Kg	☼	09/30/25 22:25	10/01/25 13:42	1
Benzo[a]pyrene	0.038	U	0.038	0.010	mg/Kg	☼	09/30/25 22:25	10/01/25 13:42	1
Benzo[b]fluoranthene	0.038	U	0.038	0.0099	mg/Kg	☼	09/30/25 22:25	10/01/25 13:42	1
Benzo[g,h,i]perylene	0.38	U	0.38	0.011	mg/Kg	☼	09/30/25 22:25	10/01/25 13:42	1
Benzo[k]fluoranthene	0.038	U	0.038	0.0075	mg/Kg	☼	09/30/25 22:25	10/01/25 13:42	1
Bis(2-chloroethoxy)methane	0.38	U	0.38	0.071	mg/Kg	☼	09/30/25 22:25	10/01/25 13:42	1
Bis(2-chloroethyl)ether	0.038	U	0.038	0.013	mg/Kg	☼	09/30/25 22:25	10/01/25 13:42	1
Bis(2-ethylhexyl) phthalate	0.38	U	0.38	0.020	mg/Kg	☼	09/30/25 22:25	10/01/25 13:42	1
Butyl benzyl phthalate	0.38	U	0.38	0.018	mg/Kg	☼	09/30/25 22:25	10/01/25 13:42	1
Caprolactam	0.38	U	0.38	0.059	mg/Kg	☼	09/30/25 22:25	10/01/25 13:42	1
Carbazole	0.38	U	0.38	0.015	mg/Kg	☼	09/30/25 22:25	10/01/25 13:42	1
Chrysene	0.38	U	0.38	0.016	mg/Kg	☼	09/30/25 22:25	10/01/25 13:42	1
Dibenz(a,h)anthracene	0.038	U	0.038	0.017	mg/Kg	☼	09/30/25 22:25	10/01/25 13:42	1
Dibenzofuran	0.38	U	0.38	0.013	mg/Kg	☼	09/30/25 22:25	10/01/25 13:42	1
Diethyl phthalate	0.38	U	0.38	0.012	mg/Kg	☼	09/30/25 22:25	10/01/25 13:42	1
Dimethyl phthalate	0.38	U	0.38	0.087	mg/Kg	☼	09/30/25 22:25	10/01/25 13:42	1
Di-n-butyl phthalate	0.38	U	0.38	0.014	mg/Kg	☼	09/30/25 22:25	10/01/25 13:42	1
Di-n-octyl phthalate	0.38	U	0.38	0.020	mg/Kg	☼	09/30/25 22:25	10/01/25 13:42	1
Fluoranthene	0.38	U	0.38	0.013	mg/Kg	☼	09/30/25 22:25	10/01/25 13:42	1
Fluorene	0.38	U	0.38	0.011	mg/Kg	☼	09/30/25 22:25	10/01/25 13:42	1
Hexachlorobenzene	0.038	U	0.038	0.018	mg/Kg	☼	09/30/25 22:25	10/01/25 13:42	1
Hexachlorobutadiene	0.077	U	0.077	0.0081	mg/Kg	☼	09/30/25 22:25	10/01/25 13:42	1
Hexachlorocyclopentadiene	0.38	U	0.38	0.033	mg/Kg	☼	09/30/25 22:25	10/01/25 13:42	1
Hexachloroethane	0.038	U	0.038	0.013	mg/Kg	☼	09/30/25 22:25	10/01/25 13:42	1
Indeno[1,2,3-cd]pyrene	0.038	U	0.038	0.015	mg/Kg	☼	09/30/25 22:25	10/01/25 13:42	1
Isophorone	0.15	U	0.15	0.11	mg/Kg	☼	09/30/25 22:25	10/01/25 13:42	1

Client Sample ID: 57B_0-4

Date Collected: 09/29/25 13:50
Date Received: 09/29/25 15:30

Lab Sample ID: 460-335975-15

Matrix: Solid
Percent Solids: 85.7

Method: SW846 8270E - Semivolatile Organic Compounds (GC/MS) (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Naphthalene	0.38	U	0.38	0.0066	mg/Kg	☼	09/30/25 22:25	10/01/25 13:42	1
Nitrobenzene	0.038	U	0.038	0.021	mg/Kg	☼	09/30/25 22:25	10/01/25 13:42	1
N-Nitrosodi-n-propylamine	0.038	U	0.038	0.028	mg/Kg	☼	09/30/25 22:25	10/01/25 13:42	1
N-Nitrosodiphenylamine	0.38	U	0.38	0.031	mg/Kg	☼	09/30/25 22:25	10/01/25 13:42	1
Pentachlorophenol	0.31	U	0.31	0.078	mg/Kg	☼	09/30/25 22:25	10/01/25 13:42	1
Phenanthrene	0.38	U	0.38	0.016	mg/Kg	☼	09/30/25 22:25	10/01/25 13:42	1
Phenol	0.38	U	0.38	0.014	mg/Kg	☼	09/30/25 22:25	10/01/25 13:42	1
Pyrene	0.38	U	0.38	0.0095	mg/Kg	☼	09/30/25 22:25	10/01/25 13:42	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
2,4,6-Tribromophenol (Surr)	*56*		*18 - 137*	*09/30/25 22:25*	*10/01/25 13:42*	*1*
2-Fluorobiphenyl	*57*		*33 - 117*	*09/30/25 22:25*	*10/01/25 13:42*	*1*
2-Fluorophenol (Surr)	*61*		*24 - 120*	*09/30/25 22:25*	*10/01/25 13:42*	*1*
Nitrobenzene-d5 (Surr)	*61*		*27 - 120*	*09/30/25 22:25*	*10/01/25 13:42*	*1*
Phenol-d5 (Surr)	*60*		*28 - 118*	*09/30/25 22:25*	*10/01/25 13:42*	*1*
Terphenyl-d14 (Surr)	*63*		*33 - 124*	*09/30/25 22:25*	*10/01/25 13:42*	*1*

Method: SW846 8081B - Organochlorine Pesticides (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
4,4'-DDD	0.0078	U	0.0078	0.0013	mg/Kg	☼	09/30/25 16:49	10/01/25 08:25	1
4,4'-DDE	0.0078	U	0.0078	0.00092	mg/Kg	☼	09/30/25 16:49	10/01/25 08:25	1
4,4'-DDT	0.0078	U	0.0078	0.0014	mg/Kg	☼	09/30/25 16:49	10/01/25 08:25	1
Aldrin	0.0078	U	0.0078	0.0012	mg/Kg	☼	09/30/25 16:49	10/01/25 08:25	1
alpha-BHC	0.0023	U	0.0023	0.00079	mg/Kg	☼	09/30/25 16:49	10/01/25 08:25	1
beta-BHC	0.0023	U	0.0023	0.00087	mg/Kg	☼	09/30/25 16:49	10/01/25 08:25	1
Chlordane (technical)	0.078	U	0.078	0.019	mg/Kg	☼	09/30/25 16:49	10/01/25 08:25	1
cis-Chlordane	0.0078	U	0.0078	0.0012	mg/Kg	☼	09/30/25 16:49	10/01/25 08:25	1
delta-BHC	0.0023	U	0.0023	0.00048	mg/Kg	☼	09/30/25 16:49	10/01/25 08:25	1
Dieldrin	0.0023	U	0.0023	0.0010	mg/Kg	☼	09/30/25 16:49	10/01/25 08:25	1
Endosulfan I	0.0078	U	0.0078	0.0012	mg/Kg	☼	09/30/25 16:49	10/01/25 08:25	1
Endosulfan II	0.0078	U	0.0078	0.0020	mg/Kg	☼	09/30/25 16:49	10/01/25 08:25	1
Endosulfan sulfate	0.0078	U	0.0078	0.00098	mg/Kg	☼	09/30/25 16:49	10/01/25 08:25	1
Endrin	0.0078	U	0.0078	0.0011	mg/Kg	☼	09/30/25 16:49	10/01/25 08:25	1
Endrin aldehyde	0.0078	U	0.0078	0.0018	mg/Kg	☼	09/30/25 16:49	10/01/25 08:25	1
Endrin ketone	0.0078	U	0.0078	0.0015	mg/Kg	☼	09/30/25 16:49	10/01/25 08:25	1
gamma-BHC (Lindane)	0.0023	U	0.0023	0.00072	mg/Kg	☼	09/30/25 16:49	10/01/25 08:25	1
Heptachlor	0.0078	U	0.0078	0.00092	mg/Kg	☼	09/30/25 16:49	10/01/25 08:25	1
Heptachlor epoxide	0.0078	U	0.0078	0.0012	mg/Kg	☼	09/30/25 16:49	10/01/25 08:25	1
Methoxychlor	0.0078	U	0.0078	0.0018	mg/Kg	☼	09/30/25 16:49	10/01/25 08:25	1
Toxaphene	0.078	U	0.078	0.028	mg/Kg	☼	09/30/25 16:49	10/01/25 08:25	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
DCB Decachlorobiphenyl	*122*		*10 - 150*	*09/30/25 16:49*	*10/01/25 08:25*	*1*
DCB Decachlorobiphenyl	*125*		*10 - 150*	*09/30/25 16:49*	*10/01/25 08:25*	*1*
Tetrachloro-m-xylene	*110*		*14 - 150*	*09/30/25 16:49*	*10/01/25 08:25*	*1*
Tetrachloro-m-xylene	*110*		*14 - 150*	*09/30/25 16:49*	*10/01/25 08:25*	*1*

Method: SW846 8082A - Polychlorinated Biphenyls (PCBs) by Gas Chromatography

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Aroclor 1016	0.078	U	0.078	0.021	mg/Kg	☼	09/30/25 16:45	10/01/25 16:19	1

Client Sample ID: 57B_0-4
Date Collected: 09/29/25 13:50
Date Received: 09/29/25 15:30

Lab Sample ID: 460-335975-15
Matrix: Solid
Percent Solids: 85.7

Method: SW846 8082A - Polychlorinated Biphenyls (PCBs) by Gas Chromatography (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Aroclor 1221	0.078	U	0.078	0.021	mg/Kg	☼	09/30/25 16:45	10/01/25 16:19	1
Aroclor 1232	0.078	U	0.078	0.021	mg/Kg	☼	09/30/25 16:45	10/01/25 16:19	1
Aroclor 1242	0.078	U	0.078	0.021	mg/Kg	☼	09/30/25 16:45	10/01/25 16:19	1
Aroclor 1248	0.078	U	0.078	0.021	mg/Kg	☼	09/30/25 16:45	10/01/25 16:19	1
Aroclor 1254	0.078	U	0.078	0.021	mg/Kg	☼	09/30/25 16:45	10/01/25 16:19	1
Aroclor 1260	0.078	U	0.078	0.021	mg/Kg	☼	09/30/25 16:45	10/01/25 16:19	1
Aroclor-1262	0.078	U	0.078	0.021	mg/Kg	☼	09/30/25 16:45	10/01/25 16:19	1
Aroclor 1268	0.078	U	0.078	0.021	mg/Kg	☼	09/30/25 16:45	10/01/25 16:19	1
Polychlorinated biphenyls, Total	0.078	U	0.078	0.021	mg/Kg	☼	09/30/25 16:45	10/01/25 16:19	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
DCB Decachlorobiphenyl	*99*		*10 - 150*	*09/30/25 16:45*	*10/01/25 16:19*	*1*
DCB Decachlorobiphenyl	*116*		*10 - 150*	*09/30/25 16:45*	*10/01/25 16:19*	*1*
Tetrachloro-m-xylene	*103*		*10 - 150*	*09/30/25 16:45*	*10/01/25 16:19*	*1*
Tetrachloro-m-xylene	*111*		*10 - 150*	*09/30/25 16:45*	*10/01/25 16:19*	*1*

Method: EPA 1633A - Per- and Polyfluoroalkyl Substances by LC/MS/MS, 1633A

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Perfluorobutanoic acid (PFBA)	0.38	U	0.38	0.096	ug/Kg	☼	10/03/25 14:04	10/04/25 13:12	1
Perfluoropentanoic acid (PFPeA)	0.19	U	0.19	0.096	ug/Kg	☼	10/03/25 14:04	10/04/25 13:12	1
Perfluorohexanoic acid (PFHxA)	0.19	U	0.19	0.096	ug/Kg	☼	10/03/25 14:04	10/04/25 13:12	1
Perfluoroheptanoic acid (PFHpA)	**0.16**	**J**	0.19	0.096	ug/Kg	☼	10/03/25 14:04	10/04/25 13:12	1
Perfluorooctanoic acid (PFOA)	**0.34**		0.19	0.058	ug/Kg	☼	10/03/25 14:04	10/04/25 13:12	1
Perfluorononanoic acid (PFNA)	**0.32**		0.19	0.096	ug/Kg	☼	10/03/25 14:04	10/04/25 13:12	1
Perfluorodecanoic acid (PFDA)	**0.50**		0.19	0.058	ug/Kg	☼	10/03/25 14:04	10/04/25 13:12	1
Perfluoroundecanoic acid (PFUnA)	**0.68**		0.19	0.096	ug/Kg	☼	10/03/25 14:04	10/04/25 13:12	1
Perfluorododecanoic acid (PFDoA)	**0.35**		0.19	0.096	ug/Kg	☼	10/03/25 14:04	10/04/25 13:12	1
Perfluorotridecanoic acid (PFTrDA)	**1.09**		0.19	0.096	ug/Kg	☼	10/03/25 14:04	10/04/25 13:12	1
Perfluorotetradecanoic acid (PFTeDA)	**0.19**		0.19	0.096	ug/Kg	☼	10/03/25 14:04	10/04/25 13:12	1
Perfluorobutanesulfonic acid (PFBS)	0.19	U	0.19	0.096	ug/Kg	☼	10/03/25 14:04	10/04/25 13:12	1
Perfluoropentanesulfonic acid (PFPeS)	0.19	U	0.19	0.096	ug/Kg	☼	10/03/25 14:04	10/04/25 13:12	1
Perfluorohexanesulfonic acid (PFHxS)	0.19	U	0.19	0.096	ug/Kg	☼	10/03/25 14:04	10/04/25 13:12	1
Perfluoroheptanesulfonic acid (PFHpS)	0.19	U	0.19	0.096	ug/Kg	☼	10/03/25 14:04	10/04/25 13:12	1
Perfluorooctanesulfonic acid (PFOS)	0.19	U	0.19	0.096	ug/Kg	☼	10/03/25 14:04	10/04/25 13:12	1
Perfluorononanesulfonic acid (PFNS)	0.19	U	0.19	0.096	ug/Kg	☼	10/03/25 14:04	10/04/25 13:12	1
Perfluorodecanesulfonic acid (PFDS)	0.19	U	0.19	0.096	ug/Kg	☼	10/03/25 14:04	10/04/25 13:12	1
Perfluorododecanesulfonic acid (PFDoS)	0.19	U	0.19	0.096	ug/Kg	☼	10/03/25 14:04	10/04/25 13:12	1
1H,1H,2H,2H-Perfluorohexane sulfonic acid (4:2 FTS)	0.38	U	0.38	0.19	ug/Kg	☼	10/03/25 14:04	10/04/25 13:12	1
1H,1H,2H,2H-Perfluorooctane sulfonic acid (6:2 FTS)	**0.24**	**J**	0.38	0.19	ug/Kg	☼	10/03/25 14:04	10/04/25 13:12	1
1H,1H,2H,2H-Perfluorodecane sulfonic acid (8:2 FTS)	**11.2**		0.38	0.19	ug/Kg	☼	10/03/25 14:04	10/04/25 13:12	1
Perfluorooctanesulfonamide (PFOSA)	0.19	U	0.19	0.096	ug/Kg	☼	10/03/25 14:04	10/04/25 13:12	1
N-methylperfluorooctane sulfonamide (NMeFOSA)	0.19	U	0.19	0.096	ug/Kg	☼	10/03/25 14:04	10/04/25 13:12	1

Client Sample ID: 57B_0-4
Date Collected: 09/29/25 13:50
Date Received: 09/29/25 15:30

Lab Sample ID: 460-335975-15
Matrix: Solid
Percent Solids: 85.7

Method: EPA 1633A - Per- and Polyfluoroalkyl Substances by LC/MS/MS, 1633A (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
N-ethylperfluorooctane sulfonamide (NEtFOSA)	0.19	U	0.19	0.096	ug/Kg	☼	10/03/25 14:04	10/04/25 13:12	1
N-methylperfluorooctanesulfonamidoacetic acid (NMeFOSAA)	0.19	U	0.19	0.096	ug/Kg	☼	10/03/25 14:04	10/04/25 13:12	1
N-ethylperfluorooctanesulfonamidoacetic acid (NEtFOSAA)	0.19	U	0.19	0.096	ug/Kg	☼	10/03/25 14:04	10/04/25 13:12	1
N-methylperfluorooctane sulfonamidoethanol (NMeFOSE)	0.96	U	0.96	0.48	ug/Kg	☼	10/03/25 14:04	10/04/25 13:12	1
N-ethylperfluorooctane sulfonamidoethanol (NEtFOSE)	0.96	U	0.96	0.48	ug/Kg	☼	10/03/25 14:04	10/04/25 13:12	1
Hexafluoropropylene Oxide Dimer Acid (HFPO-DA)	0.19	U	0.19	0.096	ug/Kg	☼	10/03/25 14:04	10/04/25 13:12	1
4,8-Dioxa-3H-perfluorononanoic acid (ADONA)	0.19	U	0.19	0.096	ug/Kg	☼	10/03/25 14:04	10/04/25 13:12	1
Perfluoro-3-methoxypropanoic acid (PFMPA)	0.19	U	0.19	0.096	ug/Kg	☼	10/03/25 14:04	10/04/25 13:12	1
Perfluoro-4-methoxybutanoic acid (PFMBA)	0.19	U	0.19	0.096	ug/Kg	☼	10/03/25 14:04	10/04/25 13:12	1
Nonafluoro-3,6-dioxaheptanoic acid (NFDHA)	0.19	U	0.19	0.096	ug/Kg	☼	10/03/25 14:04	10/04/25 13:12	1
9-Chlorohexadecafluoro-3-oxanonane-1-sulfonic acid (9Cl-PF3ONS)	0.19	U	0.19	0.096	ug/Kg	☼	10/03/25 14:04	10/04/25 13:12	1
11-Chloroeicosafluoro-3-oxaundecane-1-sulfonic acid (11Cl-PF3OUdS)	0.19	U	0.19	0.096	ug/Kg	☼	10/03/25 14:04	10/04/25 13:12	1
Perfluoro (2-ethoxyethane) sulfonic acid (PFEESA)	0.19	U	0.19	0.096	ug/Kg	☼	10/03/25 14:04	10/04/25 13:12	1
3-Perfluoropropylpropanoic acid (3:3 FTCA)	0.38	U	0.38	0.19	ug/Kg	☼	10/03/25 14:04	10/04/25 13:12	1
3-Perfluoropentylpropanoic acid (5:3 FTCA)	0.96	U	0.96	0.48	ug/Kg	☼	10/03/25 14:04	10/04/25 13:12	1
3-Perfluoroheptylpropanoic acid (7:3 FTCA)	**0.54**	**J**	0.96	0.48	ug/Kg	☼	10/03/25 14:04	10/04/25 13:12	1

Isotope Dilution	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
13C4 PFBA	*119*		*8 - 130*	*10/03/25 14:04*	*10/04/25 13:12*	*1*
13C5 PFPeA	*113*		*35 - 130*	*10/03/25 14:04*	*10/04/25 13:12*	*1*
13C5 PFHxA	*110*		*40 - 130*	*10/03/25 14:04*	*10/04/25 13:12*	*1*
13C4 PFHpA	*114*		*40 - 130*	*10/03/25 14:04*	*10/04/25 13:12*	*1*
13C8 PFOA	*114*		*40 - 130*	*10/03/25 14:04*	*10/04/25 13:12*	*1*
13C9 PFNA	*118*		*40 - 130*	*10/03/25 14:04*	*10/04/25 13:12*	*1*
13C6 PFDA	*115*		*40 - 130*	*10/03/25 14:04*	*10/04/25 13:12*	*1*
13C7 PFUnA	*105*		*40 - 130*	*10/03/25 14:04*	*10/04/25 13:12*	*1*
13C2 PFTeDA	*68.7*		*20 - 130*	*10/03/25 14:04*	*10/04/25 13:12*	*1*
13C3 PFBS	*113*		*40 - 135*	*10/03/25 14:04*	*10/04/25 13:12*	*1*
13C3 PFHxS	*113*		*40 - 130*	*10/03/25 14:04*	*10/04/25 13:12*	*1*
13C8 PFOS	*111*		*40 - 130*	*10/03/25 14:04*	*10/04/25 13:12*	*1*
13C8 FOSA	*90.8*		*40 - 130*	*10/03/25 14:04*	*10/04/25 13:12*	*1*
d3-NMeFOSAA	*104*		*40 - 135*	*10/03/25 14:04*	*10/04/25 13:12*	*1*
d5-NEtFOSAA	*94.2*		*40 - 150*	*10/03/25 14:04*	*10/04/25 13:12*	*1*
13C2 4:2 FTS	*158*		*40 - 165*	*10/03/25 14:04*	*10/04/25 13:12*	*1*
13C2 6:2 FTS	*141*		*40 - 215*	*10/03/25 14:04*	*10/04/25 13:12*	*1*
13C2 8:2 FTS	*178*		*40 - 275*	*10/03/25 14:04*	*10/04/25 13:12*	*1*
13C3 HFPO-DA	*104*		*40 - 130*	*10/03/25 14:04*	*10/04/25 13:12*	*1*
d7-N-MeFOSE-M	*80.4*		*20 - 130*	*10/03/25 14:04*	*10/04/25 13:12*	*1*

Client Sample ID: 57B_0-4

Lab Sample ID: 460-335975-15
Date Collected: 09/29/25 13:50
Matrix: Solid
Date Received: 09/29/25 15:30
Percent Solids: 85.7

Method: EPA 1633A - Per- and Polyfluoroalkyl Substances by LC/MS/MS, 1633A (Continued)

Isotope Dilution	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
d9-N-EtFOSE-M	77.3		15 - 130	10/03/25 14:04	10/04/25 13:12	1
d5-NEtPFOSA	81.2		10 - 130	10/03/25 14:04	10/04/25 13:12	1
d3-NMePFOSA	89.0		10 - 130	10/03/25 14:04	10/04/25 13:12	1
13C2 PFDoA	96.2		40 - 130	10/03/25 14:04	10/04/25 13:12	1

Method: SW846 6020B - Metals (ICP/MS)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Aluminum	4270		17.9	4.9	mg/Kg	☼	10/03/25 19:40	10/04/25 19:24	1
Antimony	1.2		0.90	0.13	mg/Kg	☼	10/03/25 19:40	10/04/25 19:24	1
Arsenic	7.3		0.90	0.092	mg/Kg	☼	10/03/25 19:40	10/04/25 19:24	1
Barium	26.0		1.8	0.13	mg/Kg	☼	10/03/25 19:40	10/04/25 19:24	1
Beryllium	0.58		0.36	0.020	mg/Kg	☼	10/03/25 19:40	10/04/25 19:24	1
Cadmium	0.19	J	0.90	0.10	mg/Kg	☼	10/03/25 19:40	10/04/25 19:24	1
Calcium	574		89.7	8.7	mg/Kg	☼	10/03/25 19:40	10/04/25 19:24	1
Chromium	16.0		1.8	0.27	mg/Kg	☼	10/03/25 19:40	10/04/25 19:24	1
Cobalt	5.4		0.90	0.13	mg/Kg	☼	10/03/25 19:40	10/04/25 19:24	1
Copper	50.7		1.8	0.33	mg/Kg	☼	10/03/25 19:40	10/04/25 19:24	1
Iron	16200		53.8	6.9	mg/Kg	☼	10/03/25 19:40	10/04/25 19:24	1
Lead	80.3		0.54	0.18	mg/Kg	☼	10/03/25 19:40	10/04/25 19:24	1
Magnesium	859		89.7	9.2	mg/Kg	☼	10/03/25 19:40	10/04/25 19:24	1
Manganese	76.0		3.6	0.36	mg/Kg	☼	10/03/25 19:40	10/04/25 19:24	1
Nickel	20.7		1.8	0.16	mg/Kg	☼	10/03/25 19:40	10/04/25 19:24	1
Potassium	1130		89.7	14.5	mg/Kg	☼	10/03/25 19:40	10/04/25 19:24	1
Selenium	0.47	J	1.1	0.11	mg/Kg	☼	10/03/25 19:40	10/04/25 19:24	1
Silver	0.18	J	0.36	0.080	mg/Kg	☼	10/03/25 19:40	10/04/25 19:24	1
Sodium	89.7	U	89.7	41.0	mg/Kg	☼	10/03/25 19:40	10/04/25 19:24	1
Thallium	0.038	J	0.36	0.037	mg/Kg	☼	10/03/25 19:40	10/04/25 19:24	1
Vanadium	20.4		1.8	0.18	mg/Kg	☼	10/03/25 19:40	10/04/25 19:24	1
Zinc	118		7.2	0.98	mg/Kg	☼	10/03/25 19:40	10/04/25 19:24	1

Method: SW846 7471B - Mercury (CVAA)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	0.016	J	0.019	0.0090	mg/Kg	☼	10/06/25 01:32	10/06/25 12:18	1

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Percent Moisture (EPA Moisture)	14.3		1.0	1.0	%			10/02/25 17:22	1
Percent Solids (EPA Moisture)	85.7		1.0	1.0	%			10/02/25 17:22	1

Client Sample ID: 57B_4-8

Lab Sample ID: 460-335975-16
Date Collected: 09/29/25 13:55
Matrix: Solid
Date Received: 09/29/25 15:30
Percent Solids: 83.2

Method: SW846 8270E - Semivolatile Organic Compounds (GC/MS)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1'-Biphenyl	0.40	U	0.40	0.014	mg/Kg	☼	09/30/25 22:25	10/01/25 14:05	1
1,2,4,5-Tetrachlorobenzene	0.40	U	0.40	0.012	mg/Kg	☼	09/30/25 22:25	10/01/25 14:05	1
1,4-Dioxane	0.040	U	0.040	0.035	mg/Kg	☼	09/30/25 22:25	10/01/25 14:05	1
2,2'-oxybis[1-chloropropane]	0.40	U	0.40	0.024	mg/Kg	☼	09/30/25 22:25	10/01/25 14:05	1
2,3,4,6-Tetrachlorophenol	0.40	U	0.40	0.027	mg/Kg	☼	09/30/25 22:25	10/01/25 14:05	1
2,4,5-Trichlorophenol	0.40	U	0.40	0.040	mg/Kg	☼	09/30/25 22:25	10/01/25 14:05	1

Client: Haley & Aldrich, Inc.
Project/Site: Former Port Mobil

Job ID: 460-335975-1

Client Sample ID: 57B_4-8
Date Collected: 09/29/25 13:55
Date Received: 09/29/25 15:30

Lab Sample ID: 460-335975-16
Matrix: Solid
Percent Solids: 83.2

Method: SW846 8270E - Semivolatile Organic Compounds (GC/MS) (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
2,4,6-Trichlorophenol	0.16	U	0.16	0.051	mg/Kg	☼	09/30/25 22:25	10/01/25 14:05	1
2,4-Dichlorophenol	0.16	U	0.16	0.025	mg/Kg	☼	09/30/25 22:25	10/01/25 14:05	1
2,4-Dimethylphenol	0.40	U	0.40	0.047	mg/Kg	☼	09/30/25 22:25	10/01/25 14:05	1
2,4-Dinitrophenol	0.32	U	0.32	0.19	mg/Kg	☼	09/30/25 22:25	10/01/25 14:05	1
2,4-Dinitrotoluene	0.080	U	0.080	0.043	mg/Kg	☼	09/30/25 22:25	10/01/25 14:05	1
2,6-Dinitrotoluene	0.080	U	0.080	0.029	mg/Kg	☼	09/30/25 22:25	10/01/25 14:05	1
2-Chloronaphthalene	0.40	U	0.40	0.051	mg/Kg	☼	09/30/25 22:25	10/01/25 14:05	1
2-Chlorophenol	0.40	U	0.40	0.014	mg/Kg	☼	09/30/25 22:25	10/01/25 14:05	1
2-Methylnaphthalene	0.40	U	0.40	0.011	mg/Kg	☼	09/30/25 22:25	10/01/25 14:05	1
2-Methylphenol	0.40	U	0.40	0.015	mg/Kg	☼	09/30/25 22:25	10/01/25 14:05	1
2-Nitroaniline	0.40	U	0.40	0.030	mg/Kg	☼	09/30/25 22:25	10/01/25 14:05	1
2-Nitrophenol	0.40	U	0.40	0.040	mg/Kg	☼	09/30/25 22:25	10/01/25 14:05	1
3 & 4 Methylphenol	0.40	U	0.40	0.025	mg/Kg	☼	09/30/25 22:25	10/01/25 14:05	1
3,3'-Dichlorobenzidine	0.16	U	0.16	0.060	mg/Kg	☼	09/30/25 22:25	10/01/25 14:05	1
3-Nitroaniline	0.40	U	0.40	0.094	mg/Kg	☼	09/30/25 22:25	10/01/25 14:05	1
4,6-Dinitro-2-methylphenol	0.32	U	0.32	0.16	mg/Kg	☼	09/30/25 22:25	10/01/25 14:05	1
4-Bromophenyl phenyl ether	0.40	U	0.40	0.016	mg/Kg	☼	09/30/25 22:25	10/01/25 14:05	1
4-Chloro-3-methylphenol	0.40	U	0.40	0.022	mg/Kg	☼	09/30/25 22:25	10/01/25 14:05	1
4-Chloroaniline	0.40	U	0.40	0.070	mg/Kg	☼	09/30/25 22:25	10/01/25 14:05	1
4-Chlorophenyl phenyl ether	0.40	U	0.40	0.014	mg/Kg	☼	09/30/25 22:25	10/01/25 14:05	1
4-Methylphenol	0.40	U	0.40	0.025	mg/Kg	☼	09/30/25 22:25	10/01/25 14:05	1
4-Nitroaniline	0.40	U	0.40	0.10	mg/Kg	☼	09/30/25 22:25	10/01/25 14:05	1
4-Nitrophenol	0.80	U	0.80	0.065	mg/Kg	☼	09/30/25 22:25	10/01/25 14:05	1
Acenaphthene	0.40	U	0.40	0.011	mg/Kg	☼	09/30/25 22:25	10/01/25 14:05	1
Acenaphthylene	0.40	U	0.40	0.011	mg/Kg	☼	09/30/25 22:25	10/01/25 14:05	1
Acetophenone	0.40	U	0.40	0.019	mg/Kg	☼	09/30/25 22:25	10/01/25 14:05	1
Anthracene	0.40	U	0.40	0.012	mg/Kg	☼	09/30/25 22:25	10/01/25 14:05	1
Atrazine	0.16	U	0.16	0.023	mg/Kg	☼	09/30/25 22:25	10/01/25 14:05	1
Benzaldehyde	0.40	U	0.40	0.066	mg/Kg	☼	09/30/25 22:25	10/01/25 14:05	1
Benzo[a]anthracene	0.040	U	0.040	0.030	mg/Kg	☼	09/30/25 22:25	10/01/25 14:05	1
Benzo[a]pyrene	**0.011**	**J**	0.040	0.011	mg/Kg	☼	09/30/25 22:25	10/01/25 14:05	1
Benzo[b]fluoranthene	**0.012**	**J**	0.040	0.010	mg/Kg	☼	09/30/25 22:25	10/01/25 14:05	1
Benzo[g,h,i]perylene	**0.014**	**J**	0.40	0.012	mg/Kg	☼	09/30/25 22:25	10/01/25 14:05	1
Benzo[k]fluoranthene	**0.0080**	**J**	0.040	0.0078	mg/Kg	☼	09/30/25 22:25	10/01/25 14:05	1
Bis(2-chloroethoxy)methane	0.40	U	0.40	0.073	mg/Kg	☼	09/30/25 22:25	10/01/25 14:05	1
Bis(2-chloroethyl)ether	0.040	U	0.040	0.014	mg/Kg	☼	09/30/25 22:25	10/01/25 14:05	1
Bis(2-ethylhexyl) phthalate	0.40	U	0.40	0.021	mg/Kg	☼	09/30/25 22:25	10/01/25 14:05	1
Butyl benzyl phthalate	0.40	U	0.40	0.019	mg/Kg	☼	09/30/25 22:25	10/01/25 14:05	1
Caprolactam	0.40	U	0.40	0.062	mg/Kg	☼	09/30/25 22:25	10/01/25 14:05	1
Carbazole	0.40	U	0.40	0.015	mg/Kg	☼	09/30/25 22:25	10/01/25 14:05	1
Chrysene	0.40	U	0.40	0.017	mg/Kg	☼	09/30/25 22:25	10/01/25 14:05	1
Dibenz(a,h)anthracene	0.040	U	0.040	0.017	mg/Kg	☼	09/30/25 22:25	10/01/25 14:05	1
Dibenzofuran	0.40	U	0.40	0.013	mg/Kg	☼	09/30/25 22:25	10/01/25 14:05	1
Diethyl phthalate	0.40	U	0.40	0.013	mg/Kg	☼	09/30/25 22:25	10/01/25 14:05	1
Dimethyl phthalate	0.40	U	0.40	0.090	mg/Kg	☼	09/30/25 22:25	10/01/25 14:05	1
Di-n-butyl phthalate	0.40	U	0.40	0.015	mg/Kg	☼	09/30/25 22:25	10/01/25 14:05	1
Di-n-octyl phthalate	0.40	U	0.40	0.021	mg/Kg	☼	09/30/25 22:25	10/01/25 14:05	1
Fluoranthene	0.40	U	0.40	0.014	mg/Kg	☼	09/30/25 22:25	10/01/25 14:05	1
Fluorene	0.40	U	0.40	0.012	mg/Kg	☼	09/30/25 22:25	10/01/25 14:05	1

Client Sample ID: 57B_4-8
Date Collected: 09/29/25 13:55
Date Received: 09/29/25 15:30

Lab Sample ID: 460-335975-16
Matrix: Solid
Percent Solids: 83.2

Method: SW846 8270E - Semivolatile Organic Compounds (GC/MS) (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Hexachlorobenzene	0.040	U	0.040	0.019	mg/Kg	☼	09/30/25 22:25	10/01/25 14:05	1
Hexachlorobutadiene	0.080	U	0.080	0.0084	mg/Kg	☼	09/30/25 22:25	10/01/25 14:05	1
Hexachlorocyclopentadiene	0.40	U	0.40	0.035	mg/Kg	☼	09/30/25 22:25	10/01/25 14:05	1
Hexachloroethane	0.040	U	0.040	0.014	mg/Kg	☼	09/30/25 22:25	10/01/25 14:05	1
Indeno[1,2,3-cd]pyrene	0.040	U	0.040	0.015	mg/Kg	☼	09/30/25 22:25	10/01/25 14:05	1
Isophorone	0.16	U	0.16	0.11	mg/Kg	☼	09/30/25 22:25	10/01/25 14:05	1
Naphthalene	0.40	U	0.40	0.0069	mg/Kg	☼	09/30/25 22:25	10/01/25 14:05	1
Nitrobenzene	0.040	U	0.040	0.022	mg/Kg	☼	09/30/25 22:25	10/01/25 14:05	1
N-Nitrosodi-n-propylamine	0.040	U	0.040	0.029	mg/Kg	☼	09/30/25 22:25	10/01/25 14:05	1
N-Nitrosodiphenylamine	0.40	U	0.40	0.033	mg/Kg	☼	09/30/25 22:25	10/01/25 14:05	1
Pentachlorophenol	0.32	U	0.32	0.081	mg/Kg	☼	09/30/25 22:25	10/01/25 14:05	1
Phenanthrene	0.40	U	0.40	0.016	mg/Kg	☼	09/30/25 22:25	10/01/25 14:05	1
Phenol	0.40	U	0.40	0.015	mg/Kg	☼	09/30/25 22:25	10/01/25 14:05	1
Pyrene	0.40	U	0.40	0.0099	mg/Kg	☼	09/30/25 22:25	10/01/25 14:05	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
2,4,6-Tribromophenol (Surr)	*58*		*18 - 137*	*09/30/25 22:25*	*10/01/25 14:05*	*1*
2-Fluorobiphenyl	*59*		*33 - 117*	*09/30/25 22:25*	*10/01/25 14:05*	*1*
2-Fluorophenol (Surr)	*65*		*24 - 120*	*09/30/25 22:25*	*10/01/25 14:05*	*1*
Nitrobenzene-d5 (Surr)	*64*		*27 - 120*	*09/30/25 22:25*	*10/01/25 14:05*	*1*
Phenol-d5 (Surr)	*65*		*28 - 118*	*09/30/25 22:25*	*10/01/25 14:05*	*1*
Terphenyl-d14 (Surr)	*65*		*33 - 124*	*09/30/25 22:25*	*10/01/25 14:05*	*1*

Method: SW846 8081B - Organochlorine Pesticides (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
4,4'-DDD	0.0080	U	0.0080	0.0014	mg/Kg	☼	09/30/25 16:49	10/01/25 08:09	1
4,4'-DDE	0.0080	U	0.0080	0.00095	mg/Kg	☼	09/30/25 16:49	10/01/25 08:09	1
4,4'-DDT	0.0080	U	0.0080	0.0015	mg/Kg	☼	09/30/25 16:49	10/01/25 08:09	1
Aldrin	0.0080	U	0.0080	0.0012	mg/Kg	☼	09/30/25 16:49	10/01/25 08:09	1
alpha-BHC	0.0024	U	0.0024	0.00082	mg/Kg	☼	09/30/25 16:49	10/01/25 08:09	1
beta-BHC	0.0024	U	0.0024	0.00090	mg/Kg	☼	09/30/25 16:49	10/01/25 08:09	1
Chlordane (technical)	0.080	U	0.080	0.019	mg/Kg	☼	09/30/25 16:49	10/01/25 08:09	1
cis-Chlordane	0.0080	U	0.0080	0.0013	mg/Kg	☼	09/30/25 16:49	10/01/25 08:09	1
delta-BHC	0.0024	U	0.0024	0.00049	mg/Kg	☼	09/30/25 16:49	10/01/25 08:09	1
Dieldrin	0.0024	U	0.0024	0.0010	mg/Kg	☼	09/30/25 16:49	10/01/25 08:09	1
Endosulfan I	0.0080	U	0.0080	0.0012	mg/Kg	☼	09/30/25 16:49	10/01/25 08:09	1
Endosulfan II	0.0080	U	0.0080	0.0021	mg/Kg	☼	09/30/25 16:49	10/01/25 08:09	1
Endosulfan sulfate	0.0080	U	0.0080	0.0010	mg/Kg	☼	09/30/25 16:49	10/01/25 08:09	1
Endrin	0.0080	U	0.0080	0.0012	mg/Kg	☼	09/30/25 16:49	10/01/25 08:09	1
Endrin aldehyde	0.0080	U	0.0080	0.0019	mg/Kg	☼	09/30/25 16:49	10/01/25 08:09	1
Endrin ketone	0.0080	U	0.0080	0.0016	mg/Kg	☼	09/30/25 16:49	10/01/25 08:09	1
gamma-BHC (Lindane)	0.0024	U	0.0024	0.00074	mg/Kg	☼	09/30/25 16:49	10/01/25 08:09	1
Heptachlor	0.0080	U	0.0080	0.00095	mg/Kg	☼	09/30/25 16:49	10/01/25 08:09	1
Heptachlor epoxide	0.0080	U	0.0080	0.0012	mg/Kg	☼	09/30/25 16:49	10/01/25 08:09	1
Methoxychlor	0.0080	U	0.0080	0.0018	mg/Kg	☼	09/30/25 16:49	10/01/25 08:09	1
Toxaphene	0.080	U	0.080	0.029	mg/Kg	☼	09/30/25 16:49	10/01/25 08:09	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
DCB Decachlorobiphenyl	*125*		*10 - 150*	*09/30/25 16:49*	*10/01/25 08:09*	*1*
DCB Decachlorobiphenyl	*133*		*10 - 150*	*09/30/25 16:49*	*10/01/25 08:09*	*1*

Client Sample ID: 57B_4-8
Date Collected: 09/29/25 13:55
Date Received: 09/29/25 15:30

Lab Sample ID: 460-335975-16
Matrix: Solid
Percent Solids: 83.2

Method: SW846 8081B - Organochlorine Pesticides (GC) (Continued)

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
Tetrachloro-m-xylene	*112*		*14 - 150*	*09/30/25 16:49*	*10/01/25 08:09*	*1*
Tetrachloro-m-xylene	*115*		*14 - 150*	*09/30/25 16:49*	*10/01/25 08:09*	*1*

Method: SW846 8082A - Polychlorinated Biphenyls (PCBs) by Gas Chromatography

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Aroclor 1016	0.080	U	0.080	0.021	mg/Kg	☼	09/30/25 16:45	10/01/25 16:37	1
Aroclor 1221	0.080	U	0.080	0.021	mg/Kg	☼	09/30/25 16:45	10/01/25 16:37	1
Aroclor 1232	0.080	U	0.080	0.021	mg/Kg	☼	09/30/25 16:45	10/01/25 16:37	1
Aroclor 1242	0.080	U	0.080	0.021	mg/Kg	☼	09/30/25 16:45	10/01/25 16:37	1
Aroclor 1248	0.080	U	0.080	0.021	mg/Kg	☼	09/30/25 16:45	10/01/25 16:37	1
Aroclor 1254	0.080	U	0.080	0.021	mg/Kg	☼	09/30/25 16:45	10/01/25 16:37	1
Aroclor 1260	0.080	U	0.080	0.021	mg/Kg	☼	09/30/25 16:45	10/01/25 16:37	1
Aroclor-1262	0.080	U	0.080	0.021	mg/Kg	☼	09/30/25 16:45	10/01/25 16:37	1
Aroclor 1268	0.080	U	0.080	0.021	mg/Kg	☼	09/30/25 16:45	10/01/25 16:37	1
Polychlorinated biphenyls, Total	0.080	U	0.080	0.021	mg/Kg	☼	09/30/25 16:45	10/01/25 16:37	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
DCB Decachlorobiphenyl	*95*		*10 - 150*	*09/30/25 16:45*	*10/01/25 16:37*	*1*
DCB Decachlorobiphenyl	*110*		*10 - 150*	*09/30/25 16:45*	*10/01/25 16:37*	*1*
Tetrachloro-m-xylene	*103*		*10 - 150*	*09/30/25 16:45*	*10/01/25 16:37*	*1*
Tetrachloro-m-xylene	*112*		*10 - 150*	*09/30/25 16:45*	*10/01/25 16:37*	*1*

Method: EPA 1633A - Per- and Polyfluoroalkyl Substances by LC/MS/MS, 1633A

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Perfluorobutanoic acid (PFBA)	0.39	U	0.39	0.098	ug/Kg	☼	10/03/25 14:04	10/04/25 13:26	1
Perfluoropentanoic acid (PFPeA)	0.20	U	0.20	0.098	ug/Kg	☼	10/03/25 14:04	10/04/25 13:26	1
Perfluorohexanoic acid (PFHxA)	**0.098**	**J**	0.20	0.098	ug/Kg	☼	10/03/25 14:04	10/04/25 13:26	1
Perfluoroheptanoic acid (PFHpA)	**0.30**		0.20	0.098	ug/Kg	☼	10/03/25 14:04	10/04/25 13:26	1
Perfluorooctanoic acid (PFOA)	**0.49**		0.20	0.059	ug/Kg	☼	10/03/25 14:04	10/04/25 13:26	1
Perfluorononanoic acid (PFNA)	**0.37**		0.20	0.098	ug/Kg	☼	10/03/25 14:04	10/04/25 13:26	1
Perfluorodecanoic acid (PFDA)	**0.70**		0.20	0.059	ug/Kg	☼	10/03/25 14:04	10/04/25 13:26	1
Perfluoroundecanoic acid (PFUnA)	**1.52**		0.20	0.098	ug/Kg	☼	10/03/25 14:04	10/04/25 13:26	1
Perfluorododecanoic acid (PFDoA)	**0.51**		0.20	0.098	ug/Kg	☼	10/03/25 14:04	10/04/25 13:26	1
Perfluorotridecanoic acid (PFTrDA)	**1.01**		0.20	0.098	ug/Kg	☼	10/03/25 14:04	10/04/25 13:26	1
Perfluorotetradecanoic acid (PFTeDA)	**0.20**		0.20	0.098	ug/Kg	☼	10/03/25 14:04	10/04/25 13:26	1
Perfluorobutanesulfonic acid (PFBS)	0.20	U	0.20	0.098	ug/Kg	☼	10/03/25 14:04	10/04/25 13:26	1
Perfluoropentanesulfonic acid (PFPeS)	0.20	U	0.20	0.098	ug/Kg	☼	10/03/25 14:04	10/04/25 13:26	1
Perfluorohexanesulfonic acid (PFHxS)	0.20	U	0.20	0.098	ug/Kg	☼	10/03/25 14:04	10/04/25 13:26	1
Perfluoroheptanesulfonic acid (PFHpS)	0.20	U	0.20	0.098	ug/Kg	☼	10/03/25 14:04	10/04/25 13:26	1
Perfluorooctanesulfonic acid (PFOS)	0.20	U	0.20	0.098	ug/Kg	☼	10/03/25 14:04	10/04/25 13:26	1
Perfluorononanesulfonic acid (PFNS)	0.20	U	0.20	0.098	ug/Kg	☼	10/03/25 14:04	10/04/25 13:26	1
Perfluorodecanesulfonic acid (PFDS)	0.20	U	0.20	0.098	ug/Kg	☼	10/03/25 14:04	10/04/25 13:26	1
Perfluorododecanesulfonic acid (PFDoS)	0.20	U	0.20	0.098	ug/Kg	☼	10/03/25 14:04	10/04/25 13:26	1
1H,1H,2H,2H-Perfluorohexane sulfonic acid (4:2 FTS)	0.39	U	0.39	0.20	ug/Kg	☼	10/03/25 14:04	10/04/25 13:26	1

Client Sample ID: 57B_4-8
Date Collected: 09/29/25 13:55
Date Received: 09/29/25 15:30

Lab Sample ID: 460-335975-16
Matrix: Solid
Percent Solids: 83.2

Method: EPA 1633A - Per- and Polyfluoroalkyl Substances by LC/MS/MS, 1633A (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1H,1H,2H,2H-Perfluorooctane sulfonic acid (6:2 FTS)	**0.25**	**J**	0.39	0.20	ug/Kg	☼	10/03/25 14:04	10/04/25 13:26	1
1H,1H,2H,2H-Perfluorodecane sulfonic acid (8:2 FTS)	**8.38**		0.39	0.20	ug/Kg	☼	10/03/25 14:04	10/04/25 13:26	1
Perfluorooctanesulfonamide (PFOSA)	0.20	U	0.20	0.098	ug/Kg	☼	10/03/25 14:04	10/04/25 13:26	1
N-methylperfluorooctane sulfonamide (NMeFOSA)	0.20	U	0.20	0.098	ug/Kg	☼	10/03/25 14:04	10/04/25 13:26	1
N-ethylperfluorooctane sulfonamide (NEtFOSA)	0.20	U	0.20	0.098	ug/Kg	☼	10/03/25 14:04	10/04/25 13:26	1
N-methylperfluorooctanesulfonamidoacetic acid (NMeFOSAA)	0.20	U	0.20	0.098	ug/Kg	☼	10/03/25 14:04	10/04/25 13:26	1
N-ethylperfluorooctanesulfonamidoacetic acid (NEtFOSAA)	0.20	U	0.20	0.098	ug/Kg	☼	10/03/25 14:04	10/04/25 13:26	1
N-methylperfluorooctane sulfonamidoethanol (NMeFOSE)	0.98	U	0.98	0.49	ug/Kg	☼	10/03/25 14:04	10/04/25 13:26	1
N-ethylperfluorooctane sulfonamidoethanol (NEtFOSE)	0.98	U	0.98	0.49	ug/Kg	☼	10/03/25 14:04	10/04/25 13:26	1
Hexafluoropropylene Oxide Dimer Acid (HFPO-DA)	0.20	U	0.20	0.098	ug/Kg	☼	10/03/25 14:04	10/04/25 13:26	1
4,8-Dioxa-3H-perfluorononanoic acid (ADONA)	0.20	U	0.20	0.098	ug/Kg	☼	10/03/25 14:04	10/04/25 13:26	1
Perfluoro-3-methoxypropanoic acid (PFMPA)	0.20	U	0.20	0.098	ug/Kg	☼	10/03/25 14:04	10/04/25 13:26	1
Perfluoro-4-methoxybutanoic acid (PFMBA)	0.20	U	0.20	0.098	ug/Kg	☼	10/03/25 14:04	10/04/25 13:26	1
Nonafluoro-3,6-dioxaheptanoic acid (NFDHA)	0.20	U	0.20	0.098	ug/Kg	☼	10/03/25 14:04	10/04/25 13:26	1
9-Chlorohexadecafluoro-3-oxanonane-1-sulfonic acid (9Cl-PF3ONS)	0.20	U	0.20	0.098	ug/Kg	☼	10/03/25 14:04	10/04/25 13:26	1
11-Chloroeicosafluoro-3-oxaundecane-1-sulfonic acid (11Cl-PF3OUdS)	0.20	U	0.20	0.098	ug/Kg	☼	10/03/25 14:04	10/04/25 13:26	1
Perfluoro (2-ethoxyethane) sulfonic acid (PFEESA)	0.20	U	0.20	0.098	ug/Kg	☼	10/03/25 14:04	10/04/25 13:26	1
3-Perfluoropropylpropanoic acid (3:3 FTCA)	0.39	U	0.39	0.20	ug/Kg	☼	10/03/25 14:04	10/04/25 13:26	1
3-Perfluoropentylpropanoic acid (5:3 FTCA)	0.98	U	0.98	0.49	ug/Kg	☼	10/03/25 14:04	10/04/25 13:26	1
3-Perfluoroheptylpropanoic acid (7:3 FTCA)	0.98	U	0.98	0.49	ug/Kg	☼	10/03/25 14:04	10/04/25 13:26	1

Isotope Dilution	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
13C4 PFBA	*112*		*8 - 130*	*10/03/25 14:04*	*10/04/25 13:26*	*1*
13C5 PFPeA	*108*		*35 - 130*	*10/03/25 14:04*	*10/04/25 13:26*	*1*
13C5 PFHxA	*109*		*40 - 130*	*10/03/25 14:04*	*10/04/25 13:26*	*1*
13C4 PFHpA	*110*		*40 - 130*	*10/03/25 14:04*	*10/04/25 13:26*	*1*
13C8 PFOA	*105*		*40 - 130*	*10/03/25 14:04*	*10/04/25 13:26*	*1*
13C9 PFNA	*110*		*40 - 130*	*10/03/25 14:04*	*10/04/25 13:26*	*1*
13C6 PFDA	*102*		*40 - 130*	*10/03/25 14:04*	*10/04/25 13:26*	*1*
13C7 PFUnA	*97.9*		*40 - 130*	*10/03/25 14:04*	*10/04/25 13:26*	*1*
13C2 PFTeDA	*50.9*		*20 - 130*	*10/03/25 14:04*	*10/04/25 13:26*	*1*
13C3 PFBS	*103*		*40 - 135*	*10/03/25 14:04*	*10/04/25 13:26*	*1*
13C3 PFHxS	*103*		*40 - 130*	*10/03/25 14:04*	*10/04/25 13:26*	*1*
13C8 PFOS	*107*		*40 - 130*	*10/03/25 14:04*	*10/04/25 13:26*	*1*
13C8 FOSA	*90.3*		*40 - 130*	*10/03/25 14:04*	*10/04/25 13:26*	*1*
d3-NMeFOSAA	*97.2*		*40 - 135*	*10/03/25 14:04*	*10/04/25 13:26*	*1*

Client Sample ID: 57B_4-8
Date Collected: 09/29/25 13:55
Date Received: 09/29/25 15:30

Lab Sample ID: 460-335975-16
Matrix: Solid
Percent Solids: 83.2

Method: EPA 1633A - Per- and Polyfluoroalkyl Substances by LC/MS/MS, 1633A (Continued)

Isotope Dilution	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
d5-NEtFOSAA	86.2		40 - 150	10/03/25 14:04	10/04/25 13:26	1
13C2 4:2 FTS	136		40 - 165	10/03/25 14:04	10/04/25 13:26	1
13C2 6:2 FTS	130		40 - 215	10/03/25 14:04	10/04/25 13:26	1
13C2 8:2 FTS	176		40 - 275	10/03/25 14:04	10/04/25 13:26	1
13C3 HFPO-DA	102		40 - 130	10/03/25 14:04	10/04/25 13:26	1
d7-N-MeFOSE-M	68.7		20 - 130	10/03/25 14:04	10/04/25 13:26	1
d9-N-EtFOSE-M	59.3		15 - 130	10/03/25 14:04	10/04/25 13:26	1
d5-NEtPFOSA	77.7		10 - 130	10/03/25 14:04	10/04/25 13:26	1
d3-NMePFOSA	84.4		10 - 130	10/03/25 14:04	10/04/25 13:26	1
13C2 PFDoA	84.8		40 - 130	10/03/25 14:04	10/04/25 13:26	1

Method: SW846 6020B - Metals (ICP/MS)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Aluminum	7160		18.5	5.1	mg/Kg	☼	10/03/25 19:40	10/04/25 19:27	1
Antimony	1.9		0.92	0.13	mg/Kg	☼	10/03/25 19:40	10/04/25 19:27	1
Arsenic	9.9		0.92	0.095	mg/Kg	☼	10/03/25 19:40	10/04/25 19:27	1
Barium	63.3		1.8	0.13	mg/Kg	☼	10/03/25 19:40	10/04/25 19:27	1
Beryllium	1.0		0.37	0.020	mg/Kg	☼	10/03/25 19:40	10/04/25 19:27	1
Cadmium	0.43	J	0.92	0.10	mg/Kg	☼	10/03/25 19:40	10/04/25 19:27	1
Calcium	5710		92.4	9.0	mg/Kg	☼	10/03/25 19:40	10/04/25 19:27	1
Chromium	28.5		1.8	0.27	mg/Kg	☼	10/03/25 19:40	10/04/25 19:27	1
Cobalt	12.1		0.92	0.14	mg/Kg	☼	10/03/25 19:40	10/04/25 19:27	1
Copper	97.9		1.8	0.34	mg/Kg	☼	10/03/25 19:40	10/04/25 19:27	1
Iron	23400		55.4	7.1	mg/Kg	☼	10/03/25 19:40	10/04/25 19:27	1
Lead	159		0.55	0.18	mg/Kg	☼	10/03/25 19:40	10/04/25 19:27	1
Magnesium	3770		92.4	9.4	mg/Kg	☼	10/03/25 19:40	10/04/25 19:27	1
Manganese	143		3.7	0.37	mg/Kg	☼	10/03/25 19:40	10/04/25 19:27	1
Nickel	44.3		1.8	0.16	mg/Kg	☼	10/03/25 19:40	10/04/25 19:27	1
Potassium	1770		92.4	15.0	mg/Kg	☼	10/03/25 19:40	10/04/25 19:27	1
Selenium	0.70	J	1.2	0.12	mg/Kg	☼	10/03/25 19:40	10/04/25 19:27	1
Silver	0.31	J	0.37	0.082	mg/Kg	☼	10/03/25 19:40	10/04/25 19:27	1
Sodium	116		92.4	42.2	mg/Kg	☼	10/03/25 19:40	10/04/25 19:27	1
Thallium	0.056	J	0.37	0.038	mg/Kg	☼	10/03/25 19:40	10/04/25 19:27	1
Vanadium	29.2		1.8	0.19	mg/Kg	☼	10/03/25 19:40	10/04/25 19:27	1
Zinc	423		7.4	1.0	mg/Kg	☼	10/03/25 19:40	10/04/25 19:27	1

Method: SW846 7471B - Mercury (CVAA)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	0.013	J	0.019	0.0090	mg/Kg	☼	10/06/25 01:32	10/06/25 12:21	1

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Percent Moisture (EPA Moisture)	16.8		1.0	1.0	%			10/02/25 17:22	1
Percent Solids (EPA Moisture)	83.2		1.0	1.0	%			10/02/25 17:22	1

Client: Haley & Aldrich, Inc.
Project/Site: Former Port Mobil

Job ID: 460-335975-1

Client Sample ID: 59A1_0-1
Date Collected: 09/29/25 08:00
Date Received: 09/29/25 15:30

Lab Sample ID: 460-335975-17
Matrix: Solid
Percent Solids: 99.5

Method: SW846 8260D - Volatile Organic Compounds by GC/MS

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1-Trichloroethane	0.0011	U	0.0011	0.00026	mg/Kg	☼	10/02/25 10:27	10/04/25 01:30	1
1,1,2,2-Tetrachloroethane	0.0011	U	0.0011	0.00057	mg/Kg	☼	10/02/25 10:27	10/04/25 01:30	1
1,1,2-Trichloro-1,2,2-trifluoroethane	0.0011	U	0.0011	0.00033	mg/Kg	☼	10/02/25 10:27	10/04/25 01:30	1
1,1,2-Trichloroethane	0.0011	U	0.0011	0.00066	mg/Kg	☼	10/02/25 10:27	10/04/25 01:30	1
1,1-Dichloroethane	0.0011	U	0.0011	0.00066	mg/Kg	☼	10/02/25 10:27	10/04/25 01:30	1
1,1-Dichloroethene	0.0011	U	0.0011	0.00025	mg/Kg	☼	10/02/25 10:27	10/04/25 01:30	1
1,2,3-Trichlorobenzene	0.0011	U	0.0011	0.00081	mg/Kg	☼	10/02/25 10:27	10/04/25 01:30	1
1,2,4-Trichlorobenzene	0.0011	U	0.0011	0.00039	mg/Kg	☼	10/02/25 10:27	10/04/25 01:30	1
1,2,4-Trimethylbenzene	0.0011	U	0.0011	0.00027	mg/Kg	☼	10/02/25 10:27	10/04/25 01:30	1
1,2-Dibromo-3-Chloropropane	0.0011	U	0.0011	0.00051	mg/Kg	☼	10/02/25 10:27	10/04/25 01:30	1
1,2-Dichlorobenzene	0.0011	U	0.0011	0.00040	mg/Kg	☼	10/02/25 10:27	10/04/25 01:30	1
1,2-Dichloroethane	0.0011	U	0.0011	0.00033	mg/Kg	☼	10/02/25 10:27	10/04/25 01:30	1
1,2-Dichloropropane	0.0011	U	0.0011	0.00047	mg/Kg	☼	10/02/25 10:27	10/04/25 01:30	1
1,3,5-Trimethylbenzene	0.0011	U	0.0011	0.00035	mg/Kg	☼	10/02/25 10:27	10/04/25 01:30	1
1,3-Dichlorobenzene	0.0011	U	0.0011	0.00040	mg/Kg	☼	10/02/25 10:27	10/04/25 01:30	1
1,4-Dichlorobenzene	0.0011	U	0.0011	0.00057	mg/Kg	☼	10/02/25 10:27	10/04/25 01:30	1
2-Butanone (MEK)	0.0055	U	0.0055	0.00041	mg/Kg	☼	10/02/25 10:27	10/04/25 01:30	1
2-Hexanone	0.0055	U	0.0055	0.0019	mg/Kg	☼	10/02/25 10:27	10/04/25 01:30	1
4-Methyl-2-pentanone (MIBK)	0.0055	U	0.0055	0.0017	mg/Kg	☼	10/02/25 10:27	10/04/25 01:30	1
Acetone	0.0066	U	0.0066	0.0063	mg/Kg	☼	10/02/25 10:27	10/04/25 01:30	1
Benzene	0.0011	U	0.0011	0.00062	mg/Kg	☼	10/02/25 10:27	10/04/25 01:30	1
Bromoform	0.0011	U	0.0011	0.00047	mg/Kg	☼	10/02/25 10:27	10/04/25 01:30	1
Bromomethane	0.0022	U	0.0022	0.0011	mg/Kg	☼	10/02/25 10:27	10/04/25 01:30	1
Carbon disulfide	0.0011	U	0.0011	0.00029	mg/Kg	☼	10/02/25 10:27	10/04/25 01:30	1
Carbon tetrachloride	0.0011	U	0.0011	0.00043	mg/Kg	☼	10/02/25 10:27	10/04/25 01:30	1
Chlorobenzene	0.0011	U	0.0011	0.00056	mg/Kg	☼	10/02/25 10:27	10/04/25 01:30	1
Chlorobromomethane	0.0011	U	0.0011	0.00066	mg/Kg	☼	10/02/25 10:27	10/04/25 01:30	1
Chlorodibromomethane	0.0011	U	0.0011	0.00059	mg/Kg	☼	10/02/25 10:27	10/04/25 01:30	1
Chloroethane	0.0011	U	0.0011	0.00057	mg/Kg	☼	10/02/25 10:27	10/04/25 01:30	1
Chloroform	0.0011	U	0.0011	0.0011	mg/Kg	☼	10/02/25 10:27	10/04/25 01:30	1
Chloromethane	0.0011	U	0.0011	0.00048	mg/Kg	☼	10/02/25 10:27	10/04/25 01:30	1
cis-1,2-Dichloroethene	0.0011	U	0.0011	0.00039	mg/Kg	☼	10/02/25 10:27	10/04/25 01:30	1
cis-1,3-Dichloropropene	0.0011	U	0.0011	0.00030	mg/Kg	☼	10/02/25 10:27	10/04/25 01:30	1
Cyclohexane	0.0011	U	0.0011	0.00024	mg/Kg	☼	10/02/25 10:27	10/04/25 01:30	1
Dichlorobromomethane	0.0011	U	0.0011	0.00028	mg/Kg	☼	10/02/25 10:27	10/04/25 01:30	1
Dichlorodifluoromethane	0.0011	U	0.0011	0.00037	mg/Kg	☼	10/02/25 10:27	10/04/25 01:30	1
Ethylbenzene	0.0011	U	0.0011	0.00052	mg/Kg	☼	10/02/25 10:27	10/04/25 01:30	1
Ethylene Dibromide	0.0011	U	0.0011	0.00055	mg/Kg	☼	10/02/25 10:27	10/04/25 01:30	1
Isopropylbenzene	0.0011	U	0.0011	0.00031	mg/Kg	☼	10/02/25 10:27	10/04/25 01:30	1
Methyl acetate	0.0055	U	0.0055	0.0047	mg/Kg	☼	10/02/25 10:27	10/04/25 01:30	1
Methyl tert-butyl ether	0.0011	U	0.0011	0.00056	mg/Kg	☼	10/02/25 10:27	10/04/25 01:30	1
Methylcyclohexane	0.0011	U	0.0011	0.00055	mg/Kg	☼	10/02/25 10:27	10/04/25 01:30	1
Methylene Chloride	**0.0028**		0.0022	0.0013	mg/Kg	☼	10/02/25 10:27	10/04/25 01:30	1
m-Xylene & p-Xylene	0.0011	U	0.0011	0.00047	mg/Kg	☼	10/02/25 10:27	10/04/25 01:30	1
n-Butylbenzene	0.0011	U	0.0011	0.00032	mg/Kg	☼	10/02/25 10:27	10/04/25 01:30	1
N-Propylbenzene	0.0011	U	0.0011	0.00049	mg/Kg	☼	10/02/25 10:27	10/04/25 01:30	1
o-Xylene	0.0011	U	0.0011	0.00051	mg/Kg	☼	10/02/25 10:27	10/04/25 01:30	1
sec-Butylbenzene	0.0011	U	0.0011	0.00032	mg/Kg	☼	10/02/25 10:27	10/04/25 01:30	1
Styrene	0.0011	U	0.0011	0.00031	mg/Kg	☼	10/02/25 10:27	10/04/25 01:30	1

Client Sample ID: 59A1_0-1

Lab Sample ID: 460-335975-17

Date Collected: 09/29/25 08:00
Matrix: Solid
Date Received: 09/29/25 15:30
Percent Solids: 99.5

Method: SW846 8260D - Volatile Organic Compounds by GC/MS (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
tert-Butylbenzene	0.0011	U	0.0011	0.00030	mg/Kg	☼	10/02/25 10:27	10/04/25 01:30	1
Tetrachloroethene	0.0011	U	0.0011	0.00034	mg/Kg	☼	10/02/25 10:27	10/04/25 01:30	1
Toluene	0.0011	U	0.0011	0.00026	mg/Kg	☼	10/02/25 10:27	10/04/25 01:30	1
trans-1,2-Dichloroethene	0.0011	U	0.0011	0.00027	mg/Kg	☼	10/02/25 10:27	10/04/25 01:30	1
trans-1,3-Dichloropropene	0.0011	U	0.0011	0.00029	mg/Kg	☼	10/02/25 10:27	10/04/25 01:30	1
Trichloroethene	0.0011	U	0.0011	0.00035	mg/Kg	☼	10/02/25 10:27	10/04/25 01:30	1
Trichlorofluoromethane	0.0011	U	0.0011	0.00045	mg/Kg	☼	10/02/25 10:27	10/04/25 01:30	1
Vinyl chloride	0.0011	U	0.0011	0.00060	mg/Kg	☼	10/02/25 10:27	10/04/25 01:30	1
Xylenes, Total	0.0022	U	0.0022	0.00019	mg/Kg	☼	10/02/25 10:27	10/04/25 01:30	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,2-Dichloroethane-d4 (Surr)	*113*		*65 - 138*	*10/02/25 10:27*	*10/04/25 01:30*	*1*
4-Bromofluorobenzene	*101*		*71 - 128*	*10/02/25 10:27*	*10/04/25 01:30*	*1*
Dibromofluoromethane (Surr)	*114*		*50 - 150*	*10/02/25 10:27*	*10/04/25 01:30*	*1*
Toluene-d8 (Surr)	*96*		*71 - 126*	*10/02/25 10:27*	*10/04/25 01:30*	*1*

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Percent Moisture (EPA Moisture)	1.0	U	1.0	1.0	%			10/02/25 17:24	1
Percent Solids (EPA Moisture)	**99.5**		1.0	1.0	%			10/02/25 17:24	1

Client Sample ID: 59A2_2-3

Lab Sample ID: 460-335975-18

Date Collected: 09/29/25 08:05
Matrix: Solid
Date Received: 09/29/25 15:30
Percent Solids: 94.4

Method: SW846 8260D - Volatile Organic Compounds by GC/MS

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1-Trichloroethane	0.0011	U	0.0011	0.00024	mg/Kg	☼	10/02/25 10:27	10/04/25 01:53	1
1,1,2,2-Tetrachloroethane	0.0011	U	0.0011	0.00055	mg/Kg	☼	10/02/25 10:27	10/04/25 01:53	1
1,1,2-Trichloro-1,2,2-trifluoroethane	0.0011	U	0.0011	0.00032	mg/Kg	☼	10/02/25 10:27	10/04/25 01:53	1
1,1,2-Trichloroethane	0.0011	U	0.0011	0.00063	mg/Kg	☼	10/02/25 10:27	10/04/25 01:53	1
1,1-Dichloroethane	0.0011	U	0.0011	0.00063	mg/Kg	☼	10/02/25 10:27	10/04/25 01:53	1
1,1-Dichloroethene	0.0011	U	0.0011	0.00024	mg/Kg	☼	10/02/25 10:27	10/04/25 01:53	1
1,2,3-Trichlorobenzene	0.0011	U	0.0011	0.00078	mg/Kg	☼	10/02/25 10:27	10/04/25 01:53	1
1,2,4-Trichlorobenzene	0.0011	U	0.0011	0.00038	mg/Kg	☼	10/02/25 10:27	10/04/25 01:53	1
1,2,4-Trimethylbenzene	0.0011	U	0.0011	0.00026	mg/Kg	☼	10/02/25 10:27	10/04/25 01:53	1
1,2-Dibromo-3-Chloropropane	0.0011	U	0.0011	0.00048	mg/Kg	☼	10/02/25 10:27	10/04/25 01:53	1
1,2-Dichlorobenzene	0.0011	U	0.0011	0.00038	mg/Kg	☼	10/02/25 10:27	10/04/25 01:53	1
1,2-Dichloroethane	0.0011	U	0.0011	0.00031	mg/Kg	☼	10/02/25 10:27	10/04/25 01:53	1
1,2-Dichloropropane	0.0011	U	0.0011	0.00044	mg/Kg	☼	10/02/25 10:27	10/04/25 01:53	1
1,3,5-Trimethylbenzene	0.0011	U	0.0011	0.00033	mg/Kg	☼	10/02/25 10:27	10/04/25 01:53	1
1,3-Dichlorobenzene	0.0011	U	0.0011	0.00038	mg/Kg	☼	10/02/25 10:27	10/04/25 01:53	1
1,4-Dichlorobenzene	0.0011	U	0.0011	0.00055	mg/Kg	☼	10/02/25 10:27	10/04/25 01:53	1
2-Butanone (MEK)	0.0053	U	0.0053	0.00039	mg/Kg	☼	10/02/25 10:27	10/04/25 01:53	1
2-Hexanone	0.0053	U	0.0053	0.0018	mg/Kg	☼	10/02/25 10:27	10/04/25 01:53	1
4-Methyl-2-pentanone (MIBK)	0.0053	U	0.0053	0.0016	mg/Kg	☼	10/02/25 10:27	10/04/25 01:53	1
Acetone	0.0063	U	0.0063	0.0060	mg/Kg	☼	10/02/25 10:27	10/04/25 01:53	1
Benzene	0.0011	U	0.0011	0.00060	mg/Kg	☼	10/02/25 10:27	10/04/25 01:53	1
Bromoform	0.0011	U	0.0011	0.00045	mg/Kg	☼	10/02/25 10:27	10/04/25 01:53	1
Bromomethane	0.0021	U	0.0021	0.0011	mg/Kg	☼	10/02/25 10:27	10/04/25 01:53	1

Client Sample ID: 59A2_2-3
Date Collected: 09/29/25 08:05
Date Received: 09/29/25 15:30

Lab Sample ID: 460-335975-18
Matrix: Solid
Percent Solids: 94.4

Method: SW846 8260D - Volatile Organic Compounds by GC/MS (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Carbon disulfide	0.0011	U	0.0011	0.00028	mg/Kg	☼	10/02/25 10:27	10/04/25 01:53	1
Carbon tetrachloride	0.0011	U	0.0011	0.00041	mg/Kg	☼	10/02/25 10:27	10/04/25 01:53	1
Chlorobenzene	0.0011	U	0.0011	0.00053	mg/Kg	☼	10/02/25 10:27	10/04/25 01:53	1
Chlorobromomethane	0.0011	U	0.0011	0.00063	mg/Kg	☼	10/02/25 10:27	10/04/25 01:53	1
Chlorodibromomethane	0.0011	U	0.0011	0.00056	mg/Kg	☼	10/02/25 10:27	10/04/25 01:53	1
Chloroethane	0.0011	U	0.0011	0.00055	mg/Kg	☼	10/02/25 10:27	10/04/25 01:53	1
Chloroform	0.0011	U	0.0011	0.0010	mg/Kg	☼	10/02/25 10:27	10/04/25 01:53	1
Chloromethane	0.0011	U	0.0011	0.00046	mg/Kg	☼	10/02/25 10:27	10/04/25 01:53	1
cis-1,2-Dichloroethene	0.0011	U	0.0011	0.00038	mg/Kg	☼	10/02/25 10:27	10/04/25 01:53	1
cis-1,3-Dichloropropene	0.0011	U	0.0011	0.00029	mg/Kg	☼	10/02/25 10:27	10/04/25 01:53	1
Cyclohexane	0.0011	U	0.0011	0.00023	mg/Kg	☼	10/02/25 10:27	10/04/25 01:53	1
Dichlorobromomethane	0.0011	U	0.0011	0.00027	mg/Kg	☼	10/02/25 10:27	10/04/25 01:53	1
Dichlorodifluoromethane	0.0011	U	0.0011	0.00036	mg/Kg	☼	10/02/25 10:27	10/04/25 01:53	1
Ethylbenzene	0.0011	U	0.0011	0.00049	mg/Kg	☼	10/02/25 10:27	10/04/25 01:53	1
Ethylene Dibromide	0.0011	U	0.0011	0.00053	mg/Kg	☼	10/02/25 10:27	10/04/25 01:53	1
Isopropylbenzene	0.0011	U	0.0011	0.00030	mg/Kg	☼	10/02/25 10:27	10/04/25 01:53	1
Methyl acetate	0.0053	U	0.0053	0.0045	mg/Kg	☼	10/02/25 10:27	10/04/25 01:53	1
Methyl tert-butyl ether	0.0011	U	0.0011	0.00054	mg/Kg	☼	10/02/25 10:27	10/04/25 01:53	1
Methylcyclohexane	0.0011	U	0.0011	0.00052	mg/Kg	☼	10/02/25 10:27	10/04/25 01:53	1
Methylene Chloride	**0.0026**		0.0021	0.0012	mg/Kg	☼	10/02/25 10:27	10/04/25 01:53	1
m-Xylene & p-Xylene	0.0011	U	0.0011	0.00044	mg/Kg	☼	10/02/25 10:27	10/04/25 01:53	1
n-Butylbenzene	0.0011	U	0.0011	0.00031	mg/Kg	☼	10/02/25 10:27	10/04/25 01:53	1
N-Propylbenzene	0.0011	U	0.0011	0.00047	mg/Kg	☼	10/02/25 10:27	10/04/25 01:53	1
o-Xylene	0.0011	U	0.0011	0.00048	mg/Kg	☼	10/02/25 10:27	10/04/25 01:53	1
sec-Butylbenzene	0.0011	U	0.0011	0.00030	mg/Kg	☼	10/02/25 10:27	10/04/25 01:53	1
Styrene	0.0011	U	0.0011	0.00029	mg/Kg	☼	10/02/25 10:27	10/04/25 01:53	1
tert-Butylbenzene	0.0011	U	0.0011	0.00029	mg/Kg	☼	10/02/25 10:27	10/04/25 01:53	1
Tetrachloroethene	0.0011	U	0.0011	0.00032	mg/Kg	☼	10/02/25 10:27	10/04/25 01:53	1
Toluene	0.0011	U	0.0011	0.00025	mg/Kg	☼	10/02/25 10:27	10/04/25 01:53	1
trans-1,2-Dichloroethene	0.0011	U	0.0011	0.00026	mg/Kg	☼	10/02/25 10:27	10/04/25 01:53	1
trans-1,3-Dichloropropene	0.0011	U	0.0011	0.00028	mg/Kg	☼	10/02/25 10:27	10/04/25 01:53	1
Trichloroethene	0.0011	U	0.0011	0.00034	mg/Kg	☼	10/02/25 10:27	10/04/25 01:53	1
Trichlorofluoromethane	0.0011	U	0.0011	0.00043	mg/Kg	☼	10/02/25 10:27	10/04/25 01:53	1
Vinyl chloride	0.0011	U	0.0011	0.00057	mg/Kg	☼	10/02/25 10:27	10/04/25 01:53	1
Xylenes, Total	0.0021	U	0.0021	0.00018	mg/Kg	☼	10/02/25 10:27	10/04/25 01:53	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,2-Dichloroethane-d4 (Surr)	*113*		*65 - 138*	*10/02/25 10:27*	*10/04/25 01:53*	*1*
4-Bromofluorobenzene	*99*		*71 - 128*	*10/02/25 10:27*	*10/04/25 01:53*	*1*
Dibromofluoromethane (Surr)	*114*		*50 - 150*	*10/02/25 10:27*	*10/04/25 01:53*	*1*
Toluene-d8 (Surr)	*96*		*71 - 126*	*10/02/25 10:27*	*10/04/25 01:53*	*1*

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Percent Moisture (EPA Moisture)	**5.6**		1.0	1.0	%			10/02/25 17:24	1
Percent Solids (EPA Moisture)	**94.4**		1.0	1.0	%			10/02/25 17:24	1

Client: Haley & Aldrich, Inc.
Project/Site: Former Port Mobil

Job ID: 460-335975-1

Client Sample ID: 59A3_3-4
Date Collected: 09/29/25 08:10
Date Received: 09/29/25 15:30

Lab Sample ID: 460-335975-19
Matrix: Solid
Percent Solids: 96.7

Method: SW846 8260D - Volatile Organic Compounds by GC/MS

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1-Trichloroethane	0.0010	U	0.0010	0.00023	mg/Kg	☼	10/02/25 10:27	10/04/25 02:16	1
1,1,2,2-Tetrachloroethane	0.0010	U	0.0010	0.00052	mg/Kg	☼	10/02/25 10:27	10/04/25 02:16	1
1,1,2-Trichloro-1,2,2-trifluoroethane	0.0010	U	0.0010	0.00030	mg/Kg	☼	10/02/25 10:27	10/04/25 02:16	1
1,1,2-Trichloroethane	0.0010	U	0.0010	0.00060	mg/Kg	☼	10/02/25 10:27	10/04/25 02:16	1
1,1-Dichloroethane	0.0010	U	0.0010	0.00060	mg/Kg	☼	10/02/25 10:27	10/04/25 02:16	1
1,1-Dichloroethene	0.0010	U	0.0010	0.00022	mg/Kg	☼	10/02/25 10:27	10/04/25 02:16	1
1,2,3-Trichlorobenzene	0.0010	U	0.0010	0.00074	mg/Kg	☼	10/02/25 10:27	10/04/25 02:16	1
1,2,4-Trichlorobenzene	0.0010	U	0.0010	0.00036	mg/Kg	☼	10/02/25 10:27	10/04/25 02:16	1
1,2,4-Trimethylbenzene	0.0010	U	0.0010	0.00025	mg/Kg	☼	10/02/25 10:27	10/04/25 02:16	1
1,2-Dibromo-3-Chloropropane	0.0010	U	0.0010	0.00046	mg/Kg	☼	10/02/25 10:27	10/04/25 02:16	1
1,2-Dichlorobenzene	0.0010	U	0.0010	0.00036	mg/Kg	☼	10/02/25 10:27	10/04/25 02:16	1
1,2-Dichloroethane	0.0010	U	0.0010	0.00030	mg/Kg	☼	10/02/25 10:27	10/04/25 02:16	1
1,2-Dichloropropane	0.0010	U	0.0010	0.00042	mg/Kg	☼	10/02/25 10:27	10/04/25 02:16	1
1,3,5-Trimethylbenzene	0.0010	U	0.0010	0.00031	mg/Kg	☼	10/02/25 10:27	10/04/25 02:16	1
1,3-Dichlorobenzene	0.0010	U	0.0010	0.00036	mg/Kg	☼	10/02/25 10:27	10/04/25 02:16	1
1,4-Dichlorobenzene	0.0010	U	0.0010	0.00052	mg/Kg	☼	10/02/25 10:27	10/04/25 02:16	1
2-Butanone (MEK)	0.0050	U	0.0050	0.00037	mg/Kg	☼	10/02/25 10:27	10/04/25 02:16	1
2-Hexanone	0.0050	U	0.0050	0.0017	mg/Kg	☼	10/02/25 10:27	10/04/25 02:16	1
4-Methyl-2-pentanone (MIBK)	0.0050	U	0.0050	0.0016	mg/Kg	☼	10/02/25 10:27	10/04/25 02:16	1
Acetone	0.0060	U	0.0060	0.0057	mg/Kg	☼	10/02/25 10:27	10/04/25 02:16	1
Benzene	0.0010	U	0.0010	0.00057	mg/Kg	☼	10/02/25 10:27	10/04/25 02:16	1
Bromoform	0.0010	U	0.0010	0.00042	mg/Kg	☼	10/02/25 10:27	10/04/25 02:16	1
Bromomethane	0.0020	U	0.0020	0.0010	mg/Kg	☼	10/02/25 10:27	10/04/25 02:16	1
Carbon disulfide	0.0010	U	0.0010	0.00027	mg/Kg	☼	10/02/25 10:27	10/04/25 02:16	1
Carbon tetrachloride	0.0010	U	0.0010	0.00039	mg/Kg	☼	10/02/25 10:27	10/04/25 02:16	1
Chlorobenzene	0.0010	U	0.0010	0.00051	mg/Kg	☼	10/02/25 10:27	10/04/25 02:16	1
Chlorobromomethane	0.0010	U	0.0010	0.00060	mg/Kg	☼	10/02/25 10:27	10/04/25 02:16	1
Chlorodibromomethane	0.0010	U	0.0010	0.00054	mg/Kg	☼	10/02/25 10:27	10/04/25 02:16	1
Chloroethane	0.0010	U	0.0010	0.00052	mg/Kg	☼	10/02/25 10:27	10/04/25 02:16	1
Chloroform	0.0010	U	0.0010	0.00097	mg/Kg	☼	10/02/25 10:27	10/04/25 02:16	1
Chloromethane	0.0010	U	0.0010	0.00043	mg/Kg	☼	10/02/25 10:27	10/04/25 02:16	1
cis-1,2-Dichloroethene	0.0010	U	0.0010	0.00036	mg/Kg	☼	10/02/25 10:27	10/04/25 02:16	1
cis-1,3-Dichloropropene	0.0010	U	0.0010	0.00027	mg/Kg	☼	10/02/25 10:27	10/04/25 02:16	1
Cyclohexane	0.0010	U	0.0010	0.00022	mg/Kg	☼	10/02/25 10:27	10/04/25 02:16	1
Dichlorobromomethane	0.0010	U	0.0010	0.00026	mg/Kg	☼	10/02/25 10:27	10/04/25 02:16	1
Dichlorodifluoromethane	0.0010	U	0.0010	0.00034	mg/Kg	☼	10/02/25 10:27	10/04/25 02:16	1
Ethylbenzene	0.0010	U	0.0010	0.00047	mg/Kg	☼	10/02/25 10:27	10/04/25 02:16	1
Ethylene Dibromide	0.0010	U	0.0010	0.00050	mg/Kg	☼	10/02/25 10:27	10/04/25 02:16	1
Isopropylbenzene	0.0010	U	0.0010	0.00028	mg/Kg	☼	10/02/25 10:27	10/04/25 02:16	1
Methyl acetate	0.0050	U	0.0050	0.0043	mg/Kg	☼	10/02/25 10:27	10/04/25 02:16	1
Methyl tert-butyl ether	0.0010	U	0.0010	0.00051	mg/Kg	☼	10/02/25 10:27	10/04/25 02:16	1
Methylcyclohexane	0.0010	U	0.0010	0.00050	mg/Kg	☼	10/02/25 10:27	10/04/25 02:16	1
Methylene Chloride	**0.0037**		0.0020	0.0011	mg/Kg	☼	10/02/25 10:27	10/04/25 02:16	1
m-Xylene & p-Xylene	0.0010	U	0.0010	0.00042	mg/Kg	☼	10/02/25 10:27	10/04/25 02:16	1
n-Butylbenzene	0.0010	U	0.0010	0.00029	mg/Kg	☼	10/02/25 10:27	10/04/25 02:16	1
N-Propylbenzene	0.0010	U	0.0010	0.00045	mg/Kg	☼	10/02/25 10:27	10/04/25 02:16	1
o-Xylene	0.0010	U	0.0010	0.00046	mg/Kg	☼	10/02/25 10:27	10/04/25 02:16	1
sec-Butylbenzene	0.0010	U	0.0010	0.00029	mg/Kg	☼	10/02/25 10:27	10/04/25 02:16	1
Styrene	0.0010	U	0.0010	0.00028	mg/Kg	☼	10/02/25 10:27	10/04/25 02:16	1

Client Sample ID: 59A3_3-4

Lab Sample ID: 460-335975-19

Date Collected: 09/29/25 08:10
Matrix: Solid
Date Received: 09/29/25 15:30
Percent Solids: 96.7

Method: SW846 8260D - Volatile Organic Compounds by GC/MS (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
tert-Butylbenzene	0.0010	U	0.0010	0.00028	mg/Kg	☼	10/02/25 10:27	10/04/25 02:16	1
Tetrachloroethene	0.0010	U	0.0010	0.00030	mg/Kg	☼	10/02/25 10:27	10/04/25 02:16	1
Toluene	0.0010	U	0.0010	0.00023	mg/Kg	☼	10/02/25 10:27	10/04/25 02:16	1
trans-1,2-Dichloroethene	0.0010	U	0.0010	0.00025	mg/Kg	☼	10/02/25 10:27	10/04/25 02:16	1
trans-1,3-Dichloropropene	0.0010	U	0.0010	0.00027	mg/Kg	☼	10/02/25 10:27	10/04/25 02:16	1
Trichloroethene	0.0010	U	0.0010	0.00032	mg/Kg	☼	10/02/25 10:27	10/04/25 02:16	1
Trichlorofluoromethane	0.0010	U	0.0010	0.00041	mg/Kg	☼	10/02/25 10:27	10/04/25 02:16	1
Vinyl chloride	0.0010	U	0.0010	0.00055	mg/Kg	☼	10/02/25 10:27	10/04/25 02:16	1
Xylenes, Total	0.0020	U	0.0020	0.00017	mg/Kg	☼	10/02/25 10:27	10/04/25 02:16	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,2-Dichloroethane-d4 (Surr)	*115*		*65 - 138*	*10/02/25 10:27*	*10/04/25 02:16*	*1*
4-Bromofluorobenzene	*98*		*71 - 128*	*10/02/25 10:27*	*10/04/25 02:16*	*1*
Dibromofluoromethane (Surr)	*117*		*50 - 150*	*10/02/25 10:27*	*10/04/25 02:16*	*1*
Toluene-d8 (Surr)	*96*		*71 - 126*	*10/02/25 10:27*	*10/04/25 02:16*	*1*

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Percent Moisture (EPA Moisture)	**3.3**		1.0	1.0	%			10/02/25 17:24	1
Percent Solids (EPA Moisture)	**96.7**		1.0	1.0	%			10/02/25 17:24	1

Client Sample ID: 59A1_4-5

Lab Sample ID: 460-335975-20

Date Collected: 09/29/25 08:15
Matrix: Solid
Date Received: 09/29/25 15:30
Percent Solids: 99.3

Method: SW846 8260D - Volatile Organic Compounds by GC/MS

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1-Trichloroethane	0.0016	U	0.0016	0.00037	mg/Kg	☼	10/02/25 10:28	10/06/25 00:53	1
1,1,2,2-Tetrachloroethane	0.0016	U	0.0016	0.00082	mg/Kg	☼	10/02/25 10:28	10/06/25 00:53	1
1,1,2-Trichloro-1,2,2-trifluoroethane	0.0016	U	0.0016	0.00048	mg/Kg	☼	10/02/25 10:28	10/06/25 00:53	1
1,1,2-Trichloroethane	0.0016	U	0.0016	0.00095	mg/Kg	☼	10/02/25 10:28	10/06/25 00:53	1
1,1-Dichloroethane	0.0016	U	0.0016	0.00094	mg/Kg	☼	10/02/25 10:28	10/06/25 00:53	1
1,1-Dichloroethene	0.0016	U	0.0016	0.00036	mg/Kg	☼	10/02/25 10:28	10/06/25 00:53	1
1,2,3-Trichlorobenzene	0.0016	U	0.0016	0.0012	mg/Kg	☼	10/02/25 10:28	10/06/25 00:53	1
1,2,4-Trichlorobenzene	0.0016	U	0.0016	0.00057	mg/Kg	☼	10/02/25 10:28	10/06/25 00:53	1
1,2,4-Trimethylbenzene	0.0016	U	0.0016	0.00039	mg/Kg	☼	10/02/25 10:28	10/06/25 00:53	1
1,2-Dibromo-3-Chloropropane	0.0016	U	0.0016	0.00073	mg/Kg	☼	10/02/25 10:28	10/06/25 00:53	1
1,2-Dichlorobenzene	0.0016	U	0.0016	0.00057	mg/Kg	☼	10/02/25 10:28	10/06/25 00:53	1
1,2-Dichloroethane	0.0016	U	0.0016	0.00047	mg/Kg	☼	10/02/25 10:28	10/06/25 00:53	1
1,2-Dichloropropane	0.0016	U	0.0016	0.00067	mg/Kg	☼	10/02/25 10:28	10/06/25 00:53	1
1,3,5-Trimethylbenzene	0.0016	U	0.0016	0.00050	mg/Kg	☼	10/02/25 10:28	10/06/25 00:53	1
1,3-Dichlorobenzene	0.0016	U	0.0016	0.00058	mg/Kg	☼	10/02/25 10:28	10/06/25 00:53	1
1,4-Dichlorobenzene	0.0016	U	0.0016	0.00082	mg/Kg	☼	10/02/25 10:28	10/06/25 00:53	1
2-Butanone (MEK)	0.0079	U	0.0079	0.00058	mg/Kg	☼	10/02/25 10:28	10/06/25 00:53	1
2-Hexanone	0.0079	U	0.0079	0.0027	mg/Kg	☼	10/02/25 10:28	10/06/25 00:53	1
4-Methyl-2-pentanone (MIBK)	0.0079	U	0.0079	0.0025	mg/Kg	☼	10/02/25 10:28	10/06/25 00:53	1
Acetone	0.0095	U	0.0095	0.0090	mg/Kg	☼	10/02/25 10:28	10/06/25 00:53	1
Benzene	0.0016	U	0.0016	0.00090	mg/Kg	☼	10/02/25 10:28	10/06/25 00:53	1
Bromoform	0.0016	U	0.0016	0.00067	mg/Kg	☼	10/02/25 10:28	10/06/25 00:53	1
Bromomethane	0.0032	U	0.0032	0.0016	mg/Kg	☼	10/02/25 10:28	10/06/25 00:53	1

Client Sample ID: 59A1_4-5
Date Collected: 09/29/25 08:15
Date Received: 09/29/25 15:30

Lab Sample ID: 460-335975-20
Matrix: Solid
Percent Solids: 99.3

Method: SW846 8260D - Volatile Organic Compounds by GC/MS (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Carbon disulfide	0.0016	U	0.0016	0.00042	mg/Kg	☼	10/02/25 10:28	10/06/25 00:53	1
Carbon tetrachloride	0.0016	U	0.0016	0.00061	mg/Kg	☼	10/02/25 10:28	10/06/25 00:53	1
Chlorobenzene	0.0016	U	0.0016	0.00080	mg/Kg	☼	10/02/25 10:28	10/06/25 00:53	1
Chlorobromomethane	0.0016	U	0.0016	0.00094	mg/Kg	☼	10/02/25 10:28	10/06/25 00:53	1
Chlorodibromomethane	0.0016	U	0.0016	0.00085	mg/Kg	☼	10/02/25 10:28	10/06/25 00:53	1
Chloroethane	0.0016	U	0.0016	0.00082	mg/Kg	☼	10/02/25 10:28	10/06/25 00:53	1
Chloroform	0.0016	U	0.0016	0.0015	mg/Kg	☼	10/02/25 10:28	10/06/25 00:53	1
Chloromethane	0.0016	U	0.0016	0.00069	mg/Kg	☼	10/02/25 10:28	10/06/25 00:53	1
cis-1,2-Dichloroethene	0.0016	U	0.0016	0.00057	mg/Kg	☼	10/02/25 10:28	10/06/25 00:53	1
cis-1,3-Dichloropropene	0.0016	U	0.0016	0.00043	mg/Kg	☼	10/02/25 10:28	10/06/25 00:53	1
Cyclohexane	0.0016	U	0.0016	0.00035	mg/Kg	☼	10/02/25 10:28	10/06/25 00:53	1
Dichlorobromomethane	0.0016	U	0.0016	0.00041	mg/Kg	☼	10/02/25 10:28	10/06/25 00:53	1
Dichlorodifluoromethane	0.0016	U	0.0016	0.00053	mg/Kg	☼	10/02/25 10:28	10/06/25 00:53	1
Ethylbenzene	0.0016	U	0.0016	0.00074	mg/Kg	☼	10/02/25 10:28	10/06/25 00:53	1
Ethylene Dibromide	0.0016	U	0.0016	0.00080	mg/Kg	☼	10/02/25 10:28	10/06/25 00:53	1
Isopropylbenzene	0.0016	U	0.0016	0.00045	mg/Kg	☼	10/02/25 10:28	10/06/25 00:53	1
Methyl acetate	0.0079	U	0.0079	0.0068	mg/Kg	☼	10/02/25 10:28	10/06/25 00:53	1
Methyl tert-butyl ether	0.0016	U	0.0016	0.00081	mg/Kg	☼	10/02/25 10:28	10/06/25 00:53	1
Methylcyclohexane	0.0016	U	0.0016	0.00079	mg/Kg	☼	10/02/25 10:28	10/06/25 00:53	1
Methylene Chloride	**0.0038**		0.0032	0.0018	mg/Kg	☼	10/02/25 10:28	10/06/25 00:53	1
m-Xylene & p-Xylene	0.0016	U	0.0016	0.00067	mg/Kg	☼	10/02/25 10:28	10/06/25 00:53	1
n-Butylbenzene	0.0016	U	0.0016	0.00046	mg/Kg	☼	10/02/25 10:28	10/06/25 00:53	1
N-Propylbenzene	0.0016	U	0.0016	0.00071	mg/Kg	☼	10/02/25 10:28	10/06/25 00:53	1
o-Xylene	0.0016	U	0.0016	0.00073	mg/Kg	☼	10/02/25 10:28	10/06/25 00:53	1
sec-Butylbenzene	0.0016	U	0.0016	0.00045	mg/Kg	☼	10/02/25 10:28	10/06/25 00:53	1
Styrene	0.0016	U	0.0016	0.00044	mg/Kg	☼	10/02/25 10:28	10/06/25 00:53	1
tert-Butylbenzene	0.0016	U	0.0016	0.00044	mg/Kg	☼	10/02/25 10:28	10/06/25 00:53	1
Tetrachloroethene	0.0016	U	0.0016	0.00048	mg/Kg	☼	10/02/25 10:28	10/06/25 00:53	1
Toluene	0.0016	U	0.0016	0.00037	mg/Kg	☼	10/02/25 10:28	10/06/25 00:53	1
trans-1,2-Dichloroethene	0.0016	U	0.0016	0.00039	mg/Kg	☼	10/02/25 10:28	10/06/25 00:53	1
trans-1,3-Dichloropropene	0.0016	U	0.0016	0.00042	mg/Kg	☼	10/02/25 10:28	10/06/25 00:53	1
Trichloroethene	0.0016	U	0.0016	0.00051	mg/Kg	☼	10/02/25 10:28	10/06/25 00:53	1
Trichlorofluoromethane	0.0016	U	0.0016	0.00064	mg/Kg	☼	10/02/25 10:28	10/06/25 00:53	1
Vinyl chloride	0.0016	U	0.0016	0.00086	mg/Kg	☼	10/02/25 10:28	10/06/25 00:53	1
Xylenes, Total	0.0032	U	0.0032	0.00027	mg/Kg	☼	10/02/25 10:28	10/06/25 00:53	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,2-Dichloroethane-d4 (Surr)	*104*		*65 - 138*	*10/02/25 10:28*	*10/06/25 00:53*	*1*
4-Bromofluorobenzene	*98*		*71 - 128*	*10/02/25 10:28*	*10/06/25 00:53*	*1*
Dibromofluoromethane (Surr)	*101*		*50 - 150*	*10/02/25 10:28*	*10/06/25 00:53*	*1*
Toluene-d8 (Surr)	*101*		*71 - 126*	*10/02/25 10:28*	*10/06/25 00:53*	*1*

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Percent Moisture (EPA Moisture)	1.0	U	1.0	1.0	%			10/02/25 17:24	1
Percent Solids (EPA Moisture)	**99.3**		1.0	1.0	%			10/02/25 17:24	1

Client: Haley & Aldrich, Inc.
Project/Site: Former Port Mobil

Job ID: 460-335975-1

Client Sample ID: 59A2_6-7
Date Collected: 09/29/25 08:20
Date Received: 09/29/25 15:30

Lab Sample ID: 460-335975-21
Matrix: Solid
Percent Solids: 95.7

Method: SW846 8260D - Volatile Organic Compounds by GC/MS

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1-Trichloroethane	0.0011	U	0.0011	0.00025	mg/Kg	☼	10/02/25 10:28	10/06/25 01:18	1
1,1,2,2-Tetrachloroethane	0.0011	U	0.0011	0.00056	mg/Kg	☼	10/02/25 10:28	10/06/25 01:18	1
1,1,2-Trichloro-1,2,2-trifluoroethane	0.0011	U	0.0011	0.00032	mg/Kg	☼	10/02/25 10:28	10/06/25 01:18	1
1,1,2-Trichloroethane	0.0011	U	0.0011	0.00065	mg/Kg	☼	10/02/25 10:28	10/06/25 01:18	1
1,1-Dichloroethane	0.0011	U	0.0011	0.00064	mg/Kg	☼	10/02/25 10:28	10/06/25 01:18	1
1,1-Dichloroethene	0.0011	U	0.0011	0.00024	mg/Kg	☼	10/02/25 10:28	10/06/25 01:18	1
1,2,3-Trichlorobenzene	0.0011	U	0.0011	0.00079	mg/Kg	☼	10/02/25 10:28	10/06/25 01:18	1
1,2,4-Trichlorobenzene	0.0011	U	0.0011	0.00038	mg/Kg	☼	10/02/25 10:28	10/06/25 01:18	1
1,2,4-Trimethylbenzene	0.0011	U	0.0011	0.00026	mg/Kg	☼	10/02/25 10:28	10/06/25 01:18	1
1,2-Dibromo-3-Chloropropane	0.0011	U	0.0011	0.00049	mg/Kg	☼	10/02/25 10:28	10/06/25 01:18	1
1,2-Dichlorobenzene	0.0011	U	0.0011	0.00039	mg/Kg	☼	10/02/25 10:28	10/06/25 01:18	1
1,2-Dichloroethane	0.0011	U	0.0011	0.00032	mg/Kg	☼	10/02/25 10:28	10/06/25 01:18	1
1,2-Dichloropropane	0.0011	U	0.0011	0.00045	mg/Kg	☼	10/02/25 10:28	10/06/25 01:18	1
1,3,5-Trimethylbenzene	0.0011	U	0.0011	0.00034	mg/Kg	☼	10/02/25 10:28	10/06/25 01:18	1
1,3-Dichlorobenzene	0.0011	U	0.0011	0.00039	mg/Kg	☼	10/02/25 10:28	10/06/25 01:18	1
1,4-Dichlorobenzene	0.0011	U	0.0011	0.00056	mg/Kg	☼	10/02/25 10:28	10/06/25 01:18	1
2-Butanone (MEK)	0.0054	U	0.0054	0.00040	mg/Kg	☼	10/02/25 10:28	10/06/25 01:18	1
2-Hexanone	0.0054	U	0.0054	0.0018	mg/Kg	☼	10/02/25 10:28	10/06/25 01:18	1
4-Methyl-2-pentanone (MIBK)	0.0054	U	0.0054	0.0017	mg/Kg	☼	10/02/25 10:28	10/06/25 01:18	1
Acetone	0.0064	U	0.0064	0.0061	mg/Kg	☼	10/02/25 10:28	10/06/25 01:18	1
Benzene	0.0011	U	0.0011	0.00061	mg/Kg	☼	10/02/25 10:28	10/06/25 01:18	1
Bromoform	0.0011	U	0.0011	0.00046	mg/Kg	☼	10/02/25 10:28	10/06/25 01:18	1
Bromomethane	0.0021	U	0.0021	0.0011	mg/Kg	☼	10/02/25 10:28	10/06/25 01:18	1
Carbon disulfide	0.0011	U	0.0011	0.00029	mg/Kg	☼	10/02/25 10:28	10/06/25 01:18	1
Carbon tetrachloride	0.0011	U	0.0011	0.00042	mg/Kg	☼	10/02/25 10:28	10/06/25 01:18	1
Chlorobenzene	0.0011	U	0.0011	0.00054	mg/Kg	☼	10/02/25 10:28	10/06/25 01:18	1
Chlorobromomethane	0.0011	U	0.0011	0.00064	mg/Kg	☼	10/02/25 10:28	10/06/25 01:18	1
Chlorodibromomethane	0.0011	U	0.0011	0.00058	mg/Kg	☼	10/02/25 10:28	10/06/25 01:18	1
Chloroethane	0.0011	U	0.0011	0.00056	mg/Kg	☼	10/02/25 10:28	10/06/25 01:18	1
Chloroform	0.0011	U	0.0011	0.0010	mg/Kg	☼	10/02/25 10:28	10/06/25 01:18	1
Chloromethane	0.0011	U	0.0011	0.00047	mg/Kg	☼	10/02/25 10:28	10/06/25 01:18	1
cis-1,2-Dichloroethene	0.0011	U	0.0011	0.00038	mg/Kg	☼	10/02/25 10:28	10/06/25 01:18	1
cis-1,3-Dichloropropene	0.0011	U	0.0011	0.00029	mg/Kg	☼	10/02/25 10:28	10/06/25 01:18	1
Cyclohexane	0.0011	U	0.0011	0.00024	mg/Kg	☼	10/02/25 10:28	10/06/25 01:18	1
Dichlorobromomethane	0.0011	U	0.0011	0.00028	mg/Kg	☼	10/02/25 10:28	10/06/25 01:18	1
Dichlorodifluoromethane	0.0011	U	0.0011	0.00036	mg/Kg	☼	10/02/25 10:28	10/06/25 01:18	1
Ethylbenzene	0.0011	U	0.0011	0.00050	mg/Kg	☼	10/02/25 10:28	10/06/25 01:18	1
Ethylene Dibromide	0.0011	U	0.0011	0.00054	mg/Kg	☼	10/02/25 10:28	10/06/25 01:18	1
Isopropylbenzene	0.0011	U	0.0011	0.00031	mg/Kg	☼	10/02/25 10:28	10/06/25 01:18	1
Methyl acetate	0.0054	U	0.0054	0.0046	mg/Kg	☼	10/02/25 10:28	10/06/25 01:18	1
Methyl tert-butyl ether	0.0011	U	0.0011	0.00055	mg/Kg	☼	10/02/25 10:28	10/06/25 01:18	1
Methylcyclohexane	0.0011	U	0.0011	0.00054	mg/Kg	☼	10/02/25 10:28	10/06/25 01:18	1
Methylene Chloride	**0.0067**		0.0021	0.0012	mg/Kg	☼	10/02/25 10:28	10/06/25 01:18	1
m-Xylene & p-Xylene	0.0011	U	0.0011	0.00045	mg/Kg	☼	10/02/25 10:28	10/06/25 01:18	1
n-Butylbenzene	0.0011	U	0.0011	0.00032	mg/Kg	☼	10/02/25 10:28	10/06/25 01:18	1
N-Propylbenzene	0.0011	U	0.0011	0.00048	mg/Kg	☼	10/02/25 10:28	10/06/25 01:18	1
o-Xylene	0.0011	U	0.0011	0.00049	mg/Kg	☼	10/02/25 10:28	10/06/25 01:18	1
sec-Butylbenzene	0.0011	U	0.0011	0.00031	mg/Kg	☼	10/02/25 10:28	10/06/25 01:18	1
Styrene	0.0011	U	0.0011	0.00030	mg/Kg	☼	10/02/25 10:28	10/06/25 01:18	1

Client Sample ID: 59A2_6-7

Lab Sample ID: 460-335975-21

Date Collected: 09/29/25 08:20
Matrix: Solid
Date Received: 09/29/25 15:30
Percent Solids: 95.7

Method: SW846 8260D - Volatile Organic Compounds by GC/MS (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
tert-Butylbenzene	0.0011	U	0.0011	0.00030	mg/Kg	☼	10/02/25 10:28	10/06/25 01:18	1
Tetrachloroethene	0.0011	U	0.0011	0.00033	mg/Kg	☼	10/02/25 10:28	10/06/25 01:18	1
Toluene	0.0011	U	0.0011	0.00025	mg/Kg	☼	10/02/25 10:28	10/06/25 01:18	1
trans-1,2-Dichloroethene	0.0011	U	0.0011	0.00026	mg/Kg	☼	10/02/25 10:28	10/06/25 01:18	1
trans-1,3-Dichloropropene	0.0011	U	0.0011	0.00029	mg/Kg	☼	10/02/25 10:28	10/06/25 01:18	1
Trichloroethene	0.0011	U	0.0011	0.00034	mg/Kg	☼	10/02/25 10:28	10/06/25 01:18	1
Trichlorofluoromethane	0.0011	U	0.0011	0.00044	mg/Kg	☼	10/02/25 10:28	10/06/25 01:18	1
Vinyl chloride	0.0011	U	0.0011	0.00059	mg/Kg	☼	10/02/25 10:28	10/06/25 01:18	1
Xylenes, Total	0.0021	U	0.0021	0.00019	mg/Kg	☼	10/02/25 10:28	10/06/25 01:18	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,2-Dichloroethane-d4 (Surr)	*104*		*65 - 138*	*10/02/25 10:28*	*10/06/25 01:18*	*1*
4-Bromofluorobenzene	*96*		*71 - 128*	*10/02/25 10:28*	*10/06/25 01:18*	*1*
Dibromofluoromethane (Surr)	*100*		*50 - 150*	*10/02/25 10:28*	*10/06/25 01:18*	*1*
Toluene-d8 (Surr)	*101*		*71 - 126*	*10/02/25 10:28*	*10/06/25 01:18*	*1*

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Percent Moisture (EPA Moisture)	**4.3**		1.0	1.0	%			10/02/25 17:24	1
Percent Solids (EPA Moisture)	**95.7**		1.0	1.0	%			10/02/25 17:24	1

Client Sample ID: 59A3_8-9

Lab Sample ID: 460-335975-22

Date Collected: 09/29/25 08:25
Matrix: Solid
Date Received: 09/29/25 15:30
Percent Solids: 97.4

Method: SW846 8260D - Volatile Organic Compounds by GC/MS

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1-Trichloroethane	0.0010	U	0.0010	0.00024	mg/Kg	☼	10/02/25 10:28	10/04/25 03:25	1
1,1,2,2-Tetrachloroethane	0.0010	U	0.0010	0.00053	mg/Kg	☼	10/02/25 10:28	10/04/25 03:25	1
1,1,2-Trichloro-1,2,2-trifluoroethane	0.0010	U	0.0010	0.00031	mg/Kg	☼	10/02/25 10:28	10/04/25 03:25	1
1,1,2-Trichloroethane	0.0010	U	0.0010	0.00062	mg/Kg	☼	10/02/25 10:28	10/04/25 03:25	1
1,1-Dichloroethane	0.0010	U	0.0010	0.00061	mg/Kg	☼	10/02/25 10:28	10/04/25 03:25	1
1,1-Dichloroethene	0.0010	U	0.0010	0.00023	mg/Kg	☼	10/02/25 10:28	10/04/25 03:25	1
1,2,3-Trichlorobenzene	0.0010	U	0.0010	0.00076	mg/Kg	☼	10/02/25 10:28	10/04/25 03:25	1
1,2,4-Trichlorobenzene	0.0010	U	0.0010	0.00037	mg/Kg	☼	10/02/25 10:28	10/04/25 03:25	1
1,2,4-Trimethylbenzene	0.0010	U	0.0010	0.00025	mg/Kg	☼	10/02/25 10:28	10/04/25 03:25	1
1,2-Dibromo-3-Chloropropane	0.0010	U	0.0010	0.00047	mg/Kg	☼	10/02/25 10:28	10/04/25 03:25	1
1,2-Dichlorobenzene	0.0010	U	0.0010	0.00037	mg/Kg	☼	10/02/25 10:28	10/04/25 03:25	1
1,2-Dichloroethane	0.0010	U	0.0010	0.00030	mg/Kg	☼	10/02/25 10:28	10/04/25 03:25	1
1,2-Dichloropropane	0.0010	U	0.0010	0.00043	mg/Kg	☼	10/02/25 10:28	10/04/25 03:25	1
1,3,5-Trimethylbenzene	0.0010	U	0.0010	0.00032	mg/Kg	☼	10/02/25 10:28	10/04/25 03:25	1
1,3-Dichlorobenzene	0.0010	U	0.0010	0.00037	mg/Kg	☼	10/02/25 10:28	10/04/25 03:25	1
1,4-Dichlorobenzene	0.0010	U	0.0010	0.00053	mg/Kg	☼	10/02/25 10:28	10/04/25 03:25	1
2-Butanone (MEK)	0.0051	U	0.0051	0.00038	mg/Kg	☼	10/02/25 10:28	10/04/25 03:25	1
2-Hexanone	0.0051	U	0.0051	0.0018	mg/Kg	☼	10/02/25 10:28	10/04/25 03:25	1
4-Methyl-2-pentanone (MIBK)	0.0051	U	0.0051	0.0016	mg/Kg	☼	10/02/25 10:28	10/04/25 03:25	1
Acetone	0.0061	U	0.0061	0.0059	mg/Kg	☼	10/02/25 10:28	10/04/25 03:25	1
Benzene	0.0010	U	0.0010	0.00058	mg/Kg	☼	10/02/25 10:28	10/04/25 03:25	1
Bromoform	0.0010	U	0.0010	0.00044	mg/Kg	☼	10/02/25 10:28	10/04/25 03:25	1
Bromomethane	0.0020	U	0.0020	0.0010	mg/Kg	☼	10/02/25 10:28	10/04/25 03:25	1

Client Sample ID: 59A3_8-9
Date Collected: 09/29/25 08:25
Date Received: 09/29/25 15:30

Lab Sample ID: 460-335975-22
Matrix: Solid
Percent Solids: 97.4

Method: SW846 8260D - Volatile Organic Compounds by GC/MS (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Carbon disulfide	0.0010	U	0.0010	0.00027	mg/Kg	☼	10/02/25 10:28	10/04/25 03:25	1
Carbon tetrachloride	0.0010	U	0.0010	0.00040	mg/Kg	☼	10/02/25 10:28	10/04/25 03:25	1
Chlorobenzene	0.0010	U	0.0010	0.00052	mg/Kg	☼	10/02/25 10:28	10/04/25 03:25	1
Chlorobromomethane	0.0010	U	0.0010	0.00061	mg/Kg	☼	10/02/25 10:28	10/04/25 03:25	1
Chlorodibromomethane	0.0010	U	0.0010	0.00055	mg/Kg	☼	10/02/25 10:28	10/04/25 03:25	1
Chloroethane	0.0010	U	0.0010	0.00053	mg/Kg	☼	10/02/25 10:28	10/04/25 03:25	1
Chloroform	0.0010	U	0.0010	0.00099	mg/Kg	☼	10/02/25 10:28	10/04/25 03:25	1
Chloromethane	0.0010	U	0.0010	0.00045	mg/Kg	☼	10/02/25 10:28	10/04/25 03:25	1
cis-1,2-Dichloroethene	0.0010	U	0.0010	0.00037	mg/Kg	☼	10/02/25 10:28	10/04/25 03:25	1
cis-1,3-Dichloropropene	0.0010	U	0.0010	0.00028	mg/Kg	☼	10/02/25 10:28	10/04/25 03:25	1
Cyclohexane	0.0010	U	0.0010	0.00023	mg/Kg	☼	10/02/25 10:28	10/04/25 03:25	1
Dichlorobromomethane	0.0010	U	0.0010	0.00026	mg/Kg	☼	10/02/25 10:28	10/04/25 03:25	1
Dichlorodifluoromethane	0.0010	U	0.0010	0.00035	mg/Kg	☼	10/02/25 10:28	10/04/25 03:25	1
Ethylbenzene	0.0010	U	0.0010	0.00048	mg/Kg	☼	10/02/25 10:28	10/04/25 03:25	1
Ethylene Dibromide	0.0010	U	0.0010	0.00052	mg/Kg	☼	10/02/25 10:28	10/04/25 03:25	1
Isopropylbenzene	0.0010	U	0.0010	0.00029	mg/Kg	☼	10/02/25 10:28	10/04/25 03:25	1
Methyl acetate	0.0051	U	0.0051	0.0044	mg/Kg	☼	10/02/25 10:28	10/04/25 03:25	1
Methyl tert-butyl ether	0.0010	U	0.0010	0.00052	mg/Kg	☼	10/02/25 10:28	10/04/25 03:25	1
Methylcyclohexane	0.0010	U	0.0010	0.00051	mg/Kg	☼	10/02/25 10:28	10/04/25 03:25	1
Methylene Chloride	**0.0022**		0.0020	0.0012	mg/Kg	☼	10/02/25 10:28	10/04/25 03:25	1
m-Xylene & p-Xylene	0.0010	U	0.0010	0.00043	mg/Kg	☼	10/02/25 10:28	10/04/25 03:25	1
n-Butylbenzene	0.0010	U	0.0010	0.00030	mg/Kg	☼	10/02/25 10:28	10/04/25 03:25	1
N-Propylbenzene	0.0010	U	0.0010	0.00046	mg/Kg	☼	10/02/25 10:28	10/04/25 03:25	1
o-Xylene	0.0010	U	0.0010	0.00047	mg/Kg	☼	10/02/25 10:28	10/04/25 03:25	1
sec-Butylbenzene	0.0010	U	0.0010	0.00030	mg/Kg	☼	10/02/25 10:28	10/04/25 03:25	1
Styrene	0.0010	U	0.0010	0.00028	mg/Kg	☼	10/02/25 10:28	10/04/25 03:25	1
tert-Butylbenzene	0.0010	U	0.0010	0.00028	mg/Kg	☼	10/02/25 10:28	10/04/25 03:25	1
Tetrachloroethene	0.0010	U	0.0010	0.00031	mg/Kg	☼	10/02/25 10:28	10/04/25 03:25	1
Toluene	0.0010	U	0.0010	0.00024	mg/Kg	☼	10/02/25 10:28	10/04/25 03:25	1
trans-1,2-Dichloroethene	0.0010	U	0.0010	0.00025	mg/Kg	☼	10/02/25 10:28	10/04/25 03:25	1
trans-1,3-Dichloropropene	0.0010	U	0.0010	0.00027	mg/Kg	☼	10/02/25 10:28	10/04/25 03:25	1
Trichloroethene	0.0010	U	0.0010	0.00033	mg/Kg	☼	10/02/25 10:28	10/04/25 03:25	1
Trichlorofluoromethane	0.0010	U	0.0010	0.00042	mg/Kg	☼	10/02/25 10:28	10/04/25 03:25	1
Vinyl chloride	0.0010	U	0.0010	0.00056	mg/Kg	☼	10/02/25 10:28	10/04/25 03:25	1
Xylenes, Total	0.0020	U	0.0020	0.00018	mg/Kg	☼	10/02/25 10:28	10/04/25 03:25	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,2-Dichloroethane-d4 (Surr)	*111*		*65 - 138*	*10/02/25 10:28*	*10/04/25 03:25*	*1*
4-Bromofluorobenzene	*100*		*71 - 128*	*10/02/25 10:28*	*10/04/25 03:25*	*1*
Dibromofluoromethane (Surr)	*115*		*50 - 150*	*10/02/25 10:28*	*10/04/25 03:25*	*1*
Toluene-d8 (Surr)	*97*		*71 - 126*	*10/02/25 10:28*	*10/04/25 03:25*	*1*

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Percent Moisture (EPA Moisture)	**2.6**		1.0	1.0	%			10/02/25 17:24	1
Percent Solids (EPA Moisture)	**97.4**		1.0	1.0	%			10/02/25 17:24	1

Client: Haley & Aldrich, Inc.
Project/Site: Former Port Mobil

Job ID: 460-335975-1

Client Sample ID: 59A3_11-12
Date Collected: 09/29/25 08:30
Date Received: 09/29/25 15:30

Lab Sample ID: 460-335975-23
Matrix: Solid
Percent Solids: 97.2

Method: SW846 8260D - Volatile Organic Compounds by GC/MS

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1-Trichloroethane	0.00094	U	0.00094	0.00022	mg/Kg	☼	10/02/25 10:28	10/04/25 06:53	1
1,1,2,2-Tetrachloroethane	0.00094	U	0.00094	0.00049	mg/Kg	☼	10/02/25 10:28	10/04/25 06:53	1
1,1,2-Trichloro-1,2,2-trifluoroethane	0.00094	U	0.00094	0.00028	mg/Kg	☼	10/02/25 10:28	10/04/25 06:53	1
1,1,2-Trichloroethane	0.00094	U	0.00094	0.00056	mg/Kg	☼	10/02/25 10:28	10/04/25 06:53	1
1,1-Dichloroethane	0.00094	U	0.00094	0.00056	mg/Kg	☼	10/02/25 10:28	10/04/25 06:53	1
1,1-Dichloroethene	0.00094	U	0.00094	0.00021	mg/Kg	☼	10/02/25 10:28	10/04/25 06:53	1
1,2,3-Trichlorobenzene	0.00094	U	0.00094	0.00069	mg/Kg	☼	10/02/25 10:28	10/04/25 06:53	1
1,2,4-Trichlorobenzene	0.00094	U	0.00094	0.00034	mg/Kg	☼	10/02/25 10:28	10/04/25 06:53	1
1,2,4-Trimethylbenzene	0.00094	U	0.00094	0.00023	mg/Kg	☼	10/02/25 10:28	10/04/25 06:53	1
1,2-Dibromo-3-Chloropropane	0.00094	U	0.00094	0.00043	mg/Kg	☼	10/02/25 10:28	10/04/25 06:53	1
1,2-Dichlorobenzene	0.00094	U	0.00094	0.00034	mg/Kg	☼	10/02/25 10:28	10/04/25 06:53	1
1,2-Dichloroethane	0.00094	U	0.00094	0.00028	mg/Kg	☼	10/02/25 10:28	10/04/25 06:53	1
1,2-Dichloropropane	0.00094	U	0.00094	0.00040	mg/Kg	☼	10/02/25 10:28	10/04/25 06:53	1
1,3,5-Trimethylbenzene	0.00094	U	0.00094	0.00029	mg/Kg	☼	10/02/25 10:28	10/04/25 06:53	1
1,3-Dichlorobenzene	0.00094	U	0.00094	0.00034	mg/Kg	☼	10/02/25 10:28	10/04/25 06:53	1
1,4-Dichlorobenzene	0.00094	U	0.00094	0.00049	mg/Kg	☼	10/02/25 10:28	10/04/25 06:53	1
2-Butanone (MEK)	0.0047	U	0.0047	0.00034	mg/Kg	☼	10/02/25 10:28	10/04/25 06:53	1
2-Hexanone	0.0047	U	0.0047	0.0016	mg/Kg	☼	10/02/25 10:28	10/04/25 06:53	1
4-Methyl-2-pentanone (MIBK)	0.0047	U	0.0047	0.0015	mg/Kg	☼	10/02/25 10:28	10/04/25 06:53	1
Acetone	0.0056	U	0.0056	0.0054	mg/Kg	☼	10/02/25 10:28	10/04/25 06:53	1
Benzene	0.00094	U	0.00094	0.00053	mg/Kg	☼	10/02/25 10:28	10/04/25 06:53	1
Bromoform	0.00094	U	0.00094	0.00040	mg/Kg	☼	10/02/25 10:28	10/04/25 06:53	1
Bromomethane	0.0019	U	0.0019	0.00094	mg/Kg	☼	10/02/25 10:28	10/04/25 06:53	1
Carbon disulfide	0.00094	U	0.00094	0.00025	mg/Kg	☼	10/02/25 10:28	10/04/25 06:53	1
Carbon tetrachloride	0.00094	U	0.00094	0.00036	mg/Kg	☼	10/02/25 10:28	10/04/25 06:53	1
Chlorobenzene	0.00094	U	0.00094	0.00047	mg/Kg	☼	10/02/25 10:28	10/04/25 06:53	1
Chlorobromomethane	0.00094	U	0.00094	0.00056	mg/Kg	☼	10/02/25 10:28	10/04/25 06:53	1
Chlorodibromomethane	0.00094	U	0.00094	0.00050	mg/Kg	☼	10/02/25 10:28	10/04/25 06:53	1
Chloroethane	0.00094	U	0.00094	0.00049	mg/Kg	☼	10/02/25 10:28	10/04/25 06:53	1
Chloroform	0.00094	U	0.00094	0.00091	mg/Kg	☼	10/02/25 10:28	10/04/25 06:53	1
Chloromethane	0.00094	U	0.00094	0.00041	mg/Kg	☼	10/02/25 10:28	10/04/25 06:53	1
cis-1,2-Dichloroethene	0.00094	U	0.00094	0.00034	mg/Kg	☼	10/02/25 10:28	10/04/25 06:53	1
cis-1,3-Dichloropropene	0.00094	U	0.00094	0.00026	mg/Kg	☼	10/02/25 10:28	10/04/25 06:53	1
Cyclohexane	0.00094	U	0.00094	0.00021	mg/Kg	☼	10/02/25 10:28	10/04/25 06:53	1
Dichlorobromomethane	0.00094	U	0.00094	0.00024	mg/Kg	☼	10/02/25 10:28	10/04/25 06:53	1
Dichlorodifluoromethane	0.00094	U	0.00094	0.00032	mg/Kg	☼	10/02/25 10:28	10/04/25 06:53	1
Ethylbenzene	0.00094	U	0.00094	0.00044	mg/Kg	☼	10/02/25 10:28	10/04/25 06:53	1
Ethylene Dibromide	0.00094	U	0.00094	0.00047	mg/Kg	☼	10/02/25 10:28	10/04/25 06:53	1
Isopropylbenzene	0.00094	U	0.00094	0.00027	mg/Kg	☼	10/02/25 10:28	10/04/25 06:53	1
Methyl acetate	0.0047	U	0.0047	0.0040	mg/Kg	☼	10/02/25 10:28	10/04/25 06:53	1
Methyl tert-butyl ether	0.00094	U	0.00094	0.00048	mg/Kg	☼	10/02/25 10:28	10/04/25 06:53	1
Methylcyclohexane	0.00094	U	0.00094	0.00047	mg/Kg	☼	10/02/25 10:28	10/04/25 06:53	1
Methylene Chloride	**0.0021**		0.0019	0.0011	mg/Kg	☼	10/02/25 10:28	10/04/25 06:53	1
m-Xylene & p-Xylene	0.00094	U	0.00094	0.00040	mg/Kg	☼	10/02/25 10:28	10/04/25 06:53	1
n-Butylbenzene	0.00094	U	0.00094	0.00028	mg/Kg	☼	10/02/25 10:28	10/04/25 06:53	1
N-Propylbenzene	0.00094	U	0.00094	0.00042	mg/Kg	☼	10/02/25 10:28	10/04/25 06:53	1
o-Xylene	0.00094	U	0.00094	0.00043	mg/Kg	☼	10/02/25 10:28	10/04/25 06:53	1
sec-Butylbenzene	0.00094	U	0.00094	0.00027	mg/Kg	☼	10/02/25 10:28	10/04/25 06:53	1
Styrene	0.00094	U	0.00094	0.00026	mg/Kg	☼	10/02/25 10:28	10/04/25 06:53	1

Client Sample ID: 59A3_11-12

Date Collected: 09/29/25 08:30
Date Received: 09/29/25 15:30

Lab Sample ID: 460-335975-23

Matrix: Solid
Percent Solids: 97.2

Method: SW846 8260D - Volatile Organic Compounds by GC/MS (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
tert-Butylbenzene	0.00094	U	0.00094	0.00026	mg/Kg	☼	10/02/25 10:28	10/04/25 06:53	1
Tetrachloroethene	0.00094	U	0.00094	0.00029	mg/Kg	☼	10/02/25 10:28	10/04/25 06:53	1
Toluene	0.00094	U	0.00094	0.00022	mg/Kg	☼	10/02/25 10:28	10/04/25 06:53	1
trans-1,2-Dichloroethene	0.00094	U	0.00094	0.00023	mg/Kg	☼	10/02/25 10:28	10/04/25 06:53	1
trans-1,3-Dichloropropene	0.00094	U	0.00094	0.00025	mg/Kg	☼	10/02/25 10:28	10/04/25 06:53	1
Trichloroethene	0.00094	U	0.00094	0.00030	mg/Kg	☼	10/02/25 10:28	10/04/25 06:53	1
Trichlorofluoromethane	0.00094	U	0.00094	0.00038	mg/Kg	☼	10/02/25 10:28	10/04/25 06:53	1
Vinyl chloride	0.00094	U	0.00094	0.00051	mg/Kg	☼	10/02/25 10:28	10/04/25 06:53	1
Xylenes, Total	0.0019	U	0.0019	0.00016	mg/Kg	☼	10/02/25 10:28	10/04/25 06:53	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,2-Dichloroethane-d4 (Surr)	*117*		*65 - 138*	*10/02/25 10:28*	*10/04/25 06:53*	*1*
4-Bromofluorobenzene	*100*		*71 - 128*	*10/02/25 10:28*	*10/04/25 06:53*	*1*
Dibromofluoromethane (Surr)	*119*		*50 - 150*	*10/02/25 10:28*	*10/04/25 06:53*	*1*
Toluene-d8 (Surr)	*96*		*71 - 126*	*10/02/25 10:28*	*10/04/25 06:53*	*1*

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Percent Moisture (EPA Moisture)	**2.8**		1.0	1.0	%			10/02/25 17:24	1
Percent Solids (EPA Moisture)	**97.2**		1.0	1.0	%			10/02/25 17:24	1

Client Sample ID: 59B1_1-2

Date Collected: 09/29/25 08:35
Date Received: 09/29/25 15:30

Lab Sample ID: 460-335975-24

Matrix: Solid
Percent Solids: 91.6

Method: SW846 8260D - Volatile Organic Compounds by GC/MS

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1-Trichloroethane	0.0012	U	0.0012	0.00028	mg/Kg	☼	10/02/25 10:29	10/04/25 07:16	1
1,1,2,2-Tetrachloroethane	0.0012	U	0.0012	0.00063	mg/Kg	☼	10/02/25 10:29	10/04/25 07:16	1
1,1,2-Trichloro-1,2,2-trifluoroethane	0.0012	U	0.0012	0.00037	mg/Kg	☼	10/02/25 10:29	10/04/25 07:16	1
1,1,2-Trichloroethane	0.0012	U	0.0012	0.00073	mg/Kg	☼	10/02/25 10:29	10/04/25 07:16	1
1,1-Dichloroethane	0.0012	U	0.0012	0.00073	mg/Kg	☼	10/02/25 10:29	10/04/25 07:16	1
1,1-Dichloroethene	0.0012	U	0.0012	0.00027	mg/Kg	☼	10/02/25 10:29	10/04/25 07:16	1
1,2,3-Trichlorobenzene	0.0012	U	0.0012	0.00090	mg/Kg	☼	10/02/25 10:29	10/04/25 07:16	1
1,2,4-Trichlorobenzene	0.0012	U	0.0012	0.00044	mg/Kg	☼	10/02/25 10:29	10/04/25 07:16	1
1,2,4-Trimethylbenzene	0.0012	U	0.0012	0.00030	mg/Kg	☼	10/02/25 10:29	10/04/25 07:16	1
1,2-Dibromo-3-Chloropropane	0.0012	U	0.0012	0.00056	mg/Kg	☼	10/02/25 10:29	10/04/25 07:16	1
1,2-Dichlorobenzene	0.0012	U	0.0012	0.00044	mg/Kg	☼	10/02/25 10:29	10/04/25 07:16	1
1,2-Dichloroethane	0.0012	U	0.0012	0.00036	mg/Kg	☼	10/02/25 10:29	10/04/25 07:16	1
1,2-Dichloropropane	0.0012	U	0.0012	0.00051	mg/Kg	☼	10/02/25 10:29	10/04/25 07:16	1
1,3,5-Trimethylbenzene	0.0012	U	0.0012	0.00038	mg/Kg	☼	10/02/25 10:29	10/04/25 07:16	1
1,3-Dichlorobenzene	0.0012	U	0.0012	0.00044	mg/Kg	☼	10/02/25 10:29	10/04/25 07:16	1
1,4-Dichlorobenzene	0.0012	U	0.0012	0.00063	mg/Kg	☼	10/02/25 10:29	10/04/25 07:16	1
2-Butanone (MEK)	0.0061	U	0.0061	0.00045	mg/Kg	☼	10/02/25 10:29	10/04/25 07:16	1
2-Hexanone	0.0061	U	0.0061	0.0021	mg/Kg	☼	10/02/25 10:29	10/04/25 07:16	1
4-Methyl-2-pentanone (MIBK)	0.0061	U	0.0061	0.0019	mg/Kg	☼	10/02/25 10:29	10/04/25 07:16	1
Acetone	0.0073	U	0.0073	0.0070	mg/Kg	☼	10/02/25 10:29	10/04/25 07:16	1
Benzene	0.0012	U	0.0012	0.00069	mg/Kg	☼	10/02/25 10:29	10/04/25 07:16	1
Bromoform	0.0012	U	0.0012	0.00052	mg/Kg	☼	10/02/25 10:29	10/04/25 07:16	1
Bromomethane	0.0024	U	0.0024	0.0012	mg/Kg	☼	10/02/25 10:29	10/04/25 07:16	1

Client Sample ID: 59B1_1-2
Date Collected: 09/29/25 08:35
Date Received: 09/29/25 15:30

Lab Sample ID: 460-335975-24
Matrix: Solid
Percent Solids: 91.6

Method: SW846 8260D - Volatile Organic Compounds by GC/MS (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Carbon disulfide	0.0012	U	0.0012	0.00032	mg/Kg	☼	10/02/25 10:29	10/04/25 07:16	1
Carbon tetrachloride	0.0012	U	0.0012	0.00047	mg/Kg	☼	10/02/25 10:29	10/04/25 07:16	1
Chlorobenzene	0.0012	U	0.0012	0.00062	mg/Kg	☼	10/02/25 10:29	10/04/25 07:16	1
Chlorobromomethane	0.0012	U	0.0012	0.00072	mg/Kg	☼	10/02/25 10:29	10/04/25 07:16	1
Chlorodibromomethane	0.0012	U	0.0012	0.00065	mg/Kg	☼	10/02/25 10:29	10/04/25 07:16	1
Chloroethane	0.0012	U	0.0012	0.00063	mg/Kg	☼	10/02/25 10:29	10/04/25 07:16	1
Chloroform	0.0012	U	0.0012	0.0012	mg/Kg	☼	10/02/25 10:29	10/04/25 07:16	1
Chloromethane	0.0012	U	0.0012	0.00053	mg/Kg	☼	10/02/25 10:29	10/04/25 07:16	1
cis-1,2-Dichloroethene	0.0012	U	0.0012	0.00044	mg/Kg	☼	10/02/25 10:29	10/04/25 07:16	1
cis-1,3-Dichloropropene	0.0012	U	0.0012	0.00033	mg/Kg	☼	10/02/25 10:29	10/04/25 07:16	1
Cyclohexane	0.0012	U	0.0012	0.00027	mg/Kg	☼	10/02/25 10:29	10/04/25 07:16	1
Dichlorobromomethane	0.0012	U	0.0012	0.00031	mg/Kg	☼	10/02/25 10:29	10/04/25 07:16	1
Dichlorodifluoromethane	0.0012	U	0.0012	0.00041	mg/Kg	☼	10/02/25 10:29	10/04/25 07:16	1
Ethylbenzene	0.0012	U	0.0012	0.00057	mg/Kg	☼	10/02/25 10:29	10/04/25 07:16	1
Ethylene Dibromide	0.0012	U	0.0012	0.00061	mg/Kg	☼	10/02/25 10:29	10/04/25 07:16	1
Isopropylbenzene	0.0012	U	0.0012	0.00035	mg/Kg	☼	10/02/25 10:29	10/04/25 07:16	1
Methyl acetate	0.0061	U	0.0061	0.0052	mg/Kg	☼	10/02/25 10:29	10/04/25 07:16	1
Methyl tert-butyl ether	0.0012	U	0.0012	0.00062	mg/Kg	☼	10/02/25 10:29	10/04/25 07:16	1
Methylcyclohexane	0.0012	U	0.0012	0.00061	mg/Kg	☼	10/02/25 10:29	10/04/25 07:16	1
Methylene Chloride	**0.0032**		0.0024	0.0014	mg/Kg	☼	10/02/25 10:29	10/04/25 07:16	1
m-Xylene & p-Xylene	0.0012	U	0.0012	0.00051	mg/Kg	☼	10/02/25 10:29	10/04/25 07:16	1
n-Butylbenzene	0.0012	U	0.0012	0.00036	mg/Kg	☼	10/02/25 10:29	10/04/25 07:16	1
N-Propylbenzene	0.0012	U	0.0012	0.00055	mg/Kg	☼	10/02/25 10:29	10/04/25 07:16	1
o-Xylene	0.0012	U	0.0012	0.00056	mg/Kg	☼	10/02/25 10:29	10/04/25 07:16	1
sec-Butylbenzene	0.0012	U	0.0012	0.00035	mg/Kg	☼	10/02/25 10:29	10/04/25 07:16	1
Styrene	0.0012	U	0.0012	0.00034	mg/Kg	☼	10/02/25 10:29	10/04/25 07:16	1
tert-Butylbenzene	0.0012	U	0.0012	0.00034	mg/Kg	☼	10/02/25 10:29	10/04/25 07:16	1
Tetrachloroethene	0.0012	U	0.0012	0.00037	mg/Kg	☼	10/02/25 10:29	10/04/25 07:16	1
Toluene	0.0012	U	0.0012	0.00028	mg/Kg	☼	10/02/25 10:29	10/04/25 07:16	1
trans-1,2-Dichloroethene	0.0012	U	0.0012	0.00030	mg/Kg	☼	10/02/25 10:29	10/04/25 07:16	1
trans-1,3-Dichloropropene	0.0012	U	0.0012	0.00032	mg/Kg	☼	10/02/25 10:29	10/04/25 07:16	1
Trichloroethene	0.0012	U	0.0012	0.00039	mg/Kg	☼	10/02/25 10:29	10/04/25 07:16	1
Trichlorofluoromethane	0.0012	U	0.0012	0.00049	mg/Kg	☼	10/02/25 10:29	10/04/25 07:16	1
Vinyl chloride	0.0012	U	0.0012	0.00066	mg/Kg	☼	10/02/25 10:29	10/04/25 07:16	1
Xylenes, Total	0.0024	U	0.0024	0.00021	mg/Kg	☼	10/02/25 10:29	10/04/25 07:16	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,2-Dichloroethane-d4 (Surr)	*114*		*65 - 138*	*10/02/25 10:29*	*10/04/25 07:16*	*1*
4-Bromofluorobenzene	*98*		*71 - 128*	*10/02/25 10:29*	*10/04/25 07:16*	*1*
Dibromofluoromethane (Surr)	*116*		*50 - 150*	*10/02/25 10:29*	*10/04/25 07:16*	*1*
Toluene-d8 (Surr)	*96*		*71 - 126*	*10/02/25 10:29*	*10/04/25 07:16*	*1*

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Percent Moisture (EPA Moisture)	**8.4**		1.0	1.0	%			10/02/25 17:24	1
Percent Solids (EPA Moisture)	**91.6**		1.0	1.0	%			10/02/25 17:24	1

Client: Haley & Aldrich, Inc.
Project/Site: Former Port Mobil

Job ID: 460-335975-1

Client Sample ID: 59B2_2-3
Date Collected: 09/29/25 08:40
Date Received: 09/29/25 15:30

Lab Sample ID: 460-335975-25
Matrix: Solid
Percent Solids: 94.2

Method: SW846 8260D - Volatile Organic Compounds by GC/MS

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1-Trichloroethane	0.0013	U	0.0013	0.00029	mg/Kg	☼	10/02/25 10:29	10/04/25 07:39	1
1,1,2,2-Tetrachloroethane	0.0013	U	0.0013	0.00065	mg/Kg	☼	10/02/25 10:29	10/04/25 07:39	1
1,1,2-Trichloro-1,2,2-trifluoroethane	0.0013	U	0.0013	0.00038	mg/Kg	☼	10/02/25 10:29	10/04/25 07:39	1
1,1,2-Trichloroethane	0.0013	U	0.0013	0.00075	mg/Kg	☼	10/02/25 10:29	10/04/25 07:39	1
1,1-Dichloroethane	0.0013	U	0.0013	0.00075	mg/Kg	☼	10/02/25 10:29	10/04/25 07:39	1
1,1-Dichloroethene	0.0013	U	0.0013	0.00028	mg/Kg	☼	10/02/25 10:29	10/04/25 07:39	1
1,2,3-Trichlorobenzene	0.0013	U	0.0013	0.00092	mg/Kg	☼	10/02/25 10:29	10/04/25 07:39	1
1,2,4-Trichlorobenzene	0.0013	U	0.0013	0.00045	mg/Kg	☼	10/02/25 10:29	10/04/25 07:39	1
1,2,4-Trimethylbenzene	0.0013	U	0.0013	0.00031	mg/Kg	☼	10/02/25 10:29	10/04/25 07:39	1
1,2-Dibromo-3-Chloropropane	0.0013	U	0.0013	0.00058	mg/Kg	☼	10/02/25 10:29	10/04/25 07:39	1
1,2-Dichlorobenzene	0.0013	U	0.0013	0.00045	mg/Kg	☼	10/02/25 10:29	10/04/25 07:39	1
1,2-Dichloroethane	0.0013	U	0.0013	0.00037	mg/Kg	☼	10/02/25 10:29	10/04/25 07:39	1
1,2-Dichloropropane	0.0013	U	0.0013	0.00053	mg/Kg	☼	10/02/25 10:29	10/04/25 07:39	1
1,3,5-Trimethylbenzene	0.0013	U	0.0013	0.00039	mg/Kg	☼	10/02/25 10:29	10/04/25 07:39	1
1,3-Dichlorobenzene	0.0013	U	0.0013	0.00046	mg/Kg	☼	10/02/25 10:29	10/04/25 07:39	1
1,4-Dichlorobenzene	0.0013	U	0.0013	0.00065	mg/Kg	☼	10/02/25 10:29	10/04/25 07:39	1
2-Butanone (MEK)	0.0063	U	0.0063	0.00046	mg/Kg	☼	10/02/25 10:29	10/04/25 07:39	1
2-Hexanone	0.0063	U	0.0063	0.0021	mg/Kg	☼	10/02/25 10:29	10/04/25 07:39	1
4-Methyl-2-pentanone (MIBK)	0.0063	U	0.0063	0.0019	mg/Kg	☼	10/02/25 10:29	10/04/25 07:39	1
Acetone	0.0075	U	0.0075	0.0072	mg/Kg	☼	10/02/25 10:29	10/04/25 07:39	1
Benzene	0.0013	U	0.0013	0.00071	mg/Kg	☼	10/02/25 10:29	10/04/25 07:39	1
Bromoform	0.0013	U	0.0013	0.00053	mg/Kg	☼	10/02/25 10:29	10/04/25 07:39	1
Bromomethane	0.0025	U	0.0025	0.0013	mg/Kg	☼	10/02/25 10:29	10/04/25 07:39	1
Carbon disulfide	0.0013	U	0.0013	0.00033	mg/Kg	☼	10/02/25 10:29	10/04/25 07:39	1
Carbon tetrachloride	0.0013	U	0.0013	0.00048	mg/Kg	☼	10/02/25 10:29	10/04/25 07:39	1
Chlorobenzene	0.0013	U	0.0013	0.00063	mg/Kg	☼	10/02/25 10:29	10/04/25 07:39	1
Chlorobromomethane	0.0013	U	0.0013	0.00075	mg/Kg	☼	10/02/25 10:29	10/04/25 07:39	1
Chlorodibromomethane	0.0013	U	0.0013	0.00067	mg/Kg	☼	10/02/25 10:29	10/04/25 07:39	1
Chloroethane	0.0013	U	0.0013	0.00065	mg/Kg	☼	10/02/25 10:29	10/04/25 07:39	1
Chloroform	0.0013	U	0.0013	0.0012	mg/Kg	☼	10/02/25 10:29	10/04/25 07:39	1
Chloromethane	0.0013	U	0.0013	0.00054	mg/Kg	☼	10/02/25 10:29	10/04/25 07:39	1
cis-1,2-Dichloroethene	0.0013	U	0.0013	0.00045	mg/Kg	☼	10/02/25 10:29	10/04/25 07:39	1
cis-1,3-Dichloropropene	0.0013	U	0.0013	0.00034	mg/Kg	☼	10/02/25 10:29	10/04/25 07:39	1
Cyclohexane	0.0013	U	0.0013	0.00028	mg/Kg	☼	10/02/25 10:29	10/04/25 07:39	1
Dichlorobromomethane	0.0013	U	0.0013	0.00032	mg/Kg	☼	10/02/25 10:29	10/04/25 07:39	1
Dichlorodifluoromethane	0.0013	U	0.0013	0.00042	mg/Kg	☼	10/02/25 10:29	10/04/25 07:39	1
Ethylbenzene	0.0013	U	0.0013	0.00059	mg/Kg	☼	10/02/25 10:29	10/04/25 07:39	1
Ethylene Dibromide	0.0013	U	0.0013	0.00063	mg/Kg	☼	10/02/25 10:29	10/04/25 07:39	1
Isopropylbenzene	0.0013	U	0.0013	0.00036	mg/Kg	☼	10/02/25 10:29	10/04/25 07:39	1
Methyl acetate	0.0063	U	0.0063	0.0054	mg/Kg	☼	10/02/25 10:29	10/04/25 07:39	1
Methyl tert-butyl ether	0.0013	U	0.0013	0.00064	mg/Kg	☼	10/02/25 10:29	10/04/25 07:39	1
Methylcyclohexane	0.0013	U	0.0013	0.00062	mg/Kg	☼	10/02/25 10:29	10/04/25 07:39	1
Methylene Chloride	**0.0029**		0.0025	0.0014	mg/Kg	☼	10/02/25 10:29	10/04/25 07:39	1
m-Xylene & p-Xylene	0.0013	U	0.0013	0.00053	mg/Kg	☼	10/02/25 10:29	10/04/25 07:39	1
n-Butylbenzene	0.0013	U	0.0013	0.00037	mg/Kg	☼	10/02/25 10:29	10/04/25 07:39	1
N-Propylbenzene	0.0013	U	0.0013	0.00056	mg/Kg	☼	10/02/25 10:29	10/04/25 07:39	1
o-Xylene	0.0013	U	0.0013	0.00058	mg/Kg	☼	10/02/25 10:29	10/04/25 07:39	1
sec-Butylbenzene	0.0013	U	0.0013	0.00036	mg/Kg	☼	10/02/25 10:29	10/04/25 07:39	1
Styrene	0.0013	U	0.0013	0.00035	mg/Kg	☼	10/02/25 10:29	10/04/25 07:39	1

Client Sample ID: 59B2_2-3

Lab Sample ID: 460-335975-25
Date Collected: 09/29/25 08:40
Matrix: Solid
Date Received: 09/29/25 15:30
Percent Solids: 94.2

Method: SW846 8260D - Volatile Organic Compounds by GC/MS (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
tert-Butylbenzene	0.0013	U	0.0013	0.00035	mg/Kg	☼	10/02/25 10:29	10/04/25 07:39	1
Tetrachloroethene	0.0013	U	0.0013	0.00038	mg/Kg	☼	10/02/25 10:29	10/04/25 07:39	1
Toluene	0.0013	U	0.0013	0.00029	mg/Kg	☼	10/02/25 10:29	10/04/25 07:39	1
trans-1,2-Dichloroethene	0.0013	U	0.0013	0.00031	mg/Kg	☼	10/02/25 10:29	10/04/25 07:39	1
trans-1,3-Dichloropropene	0.0013	U	0.0013	0.00033	mg/Kg	☼	10/02/25 10:29	10/04/25 07:39	1
Trichloroethene	0.0013	U	0.0013	0.00040	mg/Kg	☼	10/02/25 10:29	10/04/25 07:39	1
Trichlorofluoromethane	0.0013	U	0.0013	0.00051	mg/Kg	☼	10/02/25 10:29	10/04/25 07:39	1
Vinyl chloride	0.0013	U	0.0013	0.00068	mg/Kg	☼	10/02/25 10:29	10/04/25 07:39	1
Xylenes, Total	0.0025	U	0.0025	0.00022	mg/Kg	☼	10/02/25 10:29	10/04/25 07:39	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,2-Dichloroethane-d4 (Surr)	*113*		*65 - 138*	*10/02/25 10:29*	*10/04/25 07:39*	*1*
4-Bromofluorobenzene	*97*		*71 - 128*	*10/02/25 10:29*	*10/04/25 07:39*	*1*
Dibromofluoromethane (Surr)	*111*		*50 - 150*	*10/02/25 10:29*	*10/04/25 07:39*	*1*
Toluene-d8 (Surr)	*97*		*71 - 126*	*10/02/25 10:29*	*10/04/25 07:39*	*1*

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Percent Moisture (EPA Moisture)	**5.8**		1.0	1.0	%			10/02/25 17:24	1
Percent Solids (EPA Moisture)	**94.2**		1.0	1.0	%			10/02/25 17:24	1

Client Sample ID: 59B3_4-5

Lab Sample ID: 460-335975-26
Date Collected: 09/29/25 08:45
Matrix: Solid
Date Received: 09/29/25 15:30
Percent Solids: 94.3

Method: SW846 8260D - Volatile Organic Compounds by GC/MS

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1-Trichloroethane	0.00076	U	0.00076	0.00018	mg/Kg	☼	10/02/25 10:29	10/04/25 08:02	1
1,1,2,2-Tetrachloroethane	0.00076	U	0.00076	0.00040	mg/Kg	☼	10/02/25 10:29	10/04/25 08:02	1
1,1,2-Trichloro-1,2,2-trifluoroethane	0.00076	U	0.00076	0.00023	mg/Kg	☼	10/02/25 10:29	10/04/25 08:02	1
1,1,2-Trichloroethane	0.00076	U	0.00076	0.00046	mg/Kg	☼	10/02/25 10:29	10/04/25 08:02	1
1,1-Dichloroethane	0.00076	U	0.00076	0.00045	mg/Kg	☼	10/02/25 10:29	10/04/25 08:02	1
1,1-Dichloroethene	0.00076	U	0.00076	0.00017	mg/Kg	☼	10/02/25 10:29	10/04/25 08:02	1
1,2,3-Trichlorobenzene	0.00076	U	0.00076	0.00056	mg/Kg	☼	10/02/25 10:29	10/04/25 08:02	1
1,2,4-Trichlorobenzene	0.00076	U	0.00076	0.00027	mg/Kg	☼	10/02/25 10:29	10/04/25 08:02	1
1,2,4-Trimethylbenzene	0.00076	U	0.00076	0.00019	mg/Kg	☼	10/02/25 10:29	10/04/25 08:02	1
1,2-Dibromo-3-Chloropropane	0.00076	U	0.00076	0.00035	mg/Kg	☼	10/02/25 10:29	10/04/25 08:02	1
1,2-Dichlorobenzene	0.00076	U	0.00076	0.00027	mg/Kg	☼	10/02/25 10:29	10/04/25 08:02	1
1,2-Dichloroethane	0.00076	U	0.00076	0.00022	mg/Kg	☼	10/02/25 10:29	10/04/25 08:02	1
1,2-Dichloropropane	0.00076	U	0.00076	0.00032	mg/Kg	☼	10/02/25 10:29	10/04/25 08:02	1
1,3,5-Trimethylbenzene	0.00076	U	0.00076	0.00024	mg/Kg	☼	10/02/25 10:29	10/04/25 08:02	1
1,3-Dichlorobenzene	0.00076	U	0.00076	0.00028	mg/Kg	☼	10/02/25 10:29	10/04/25 08:02	1
1,4-Dichlorobenzene	0.00076	U	0.00076	0.00039	mg/Kg	☼	10/02/25 10:29	10/04/25 08:02	1
2-Butanone (MEK)	0.0038	U	0.0038	0.00028	mg/Kg	☼	10/02/25 10:29	10/04/25 08:02	1
2-Hexanone	0.0038	U	0.0038	0.0013	mg/Kg	☼	10/02/25 10:29	10/04/25 08:02	1
4-Methyl-2-pentanone (MIBK)	0.0038	U	0.0038	0.0012	mg/Kg	☼	10/02/25 10:29	10/04/25 08:02	1
Acetone	0.0046	U	0.0046	0.0043	mg/Kg	☼	10/02/25 10:29	10/04/25 08:02	1
Benzene	0.00076	U	0.00076	0.00043	mg/Kg	☼	10/02/25 10:29	10/04/25 08:02	1
Bromoform	0.00076	U	0.00076	0.00032	mg/Kg	☼	10/02/25 10:29	10/04/25 08:02	1
Bromomethane	0.0015	U	0.0015	0.00076	mg/Kg	☼	10/02/25 10:29	10/04/25 08:02	1

Client Sample ID: 59B3_4-5
Date Collected: 09/29/25 08:45
Date Received: 09/29/25 15:30

Lab Sample ID: 460-335975-26
Matrix: Solid
Percent Solids: 94.3

Method: SW846 8260D - Volatile Organic Compounds by GC/MS (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Carbon disulfide	0.00076	U	0.00076	0.00020	mg/Kg	☼	10/02/25 10:29	10/04/25 08:02	1
Carbon tetrachloride	0.00076	U	0.00076	0.00029	mg/Kg	☼	10/02/25 10:29	10/04/25 08:02	1
Chlorobenzene	0.00076	U	0.00076	0.00039	mg/Kg	☼	10/02/25 10:29	10/04/25 08:02	1
Chlorobromomethane	0.00076	U	0.00076	0.00045	mg/Kg	☼	10/02/25 10:29	10/04/25 08:02	1
Chlorodibromomethane	0.00076	U	0.00076	0.00041	mg/Kg	☼	10/02/25 10:29	10/04/25 08:02	1
Chloroethane	0.00076	U	0.00076	0.00040	mg/Kg	☼	10/02/25 10:29	10/04/25 08:02	1
Chloroform	0.00076	U	0.00076	0.00074	mg/Kg	☼	10/02/25 10:29	10/04/25 08:02	1
Chloromethane	0.00076	U	0.00076	0.00033	mg/Kg	☼	10/02/25 10:29	10/04/25 08:02	1
cis-1,2-Dichloroethene	0.00076	U	0.00076	0.00027	mg/Kg	☼	10/02/25 10:29	10/04/25 08:02	1
cis-1,3-Dichloropropene	0.00076	U	0.00076	0.00021	mg/Kg	☼	10/02/25 10:29	10/04/25 08:02	1
Cyclohexane	0.00076	U	0.00076	0.00017	mg/Kg	☼	10/02/25 10:29	10/04/25 08:02	1
Dichlorobromomethane	0.00076	U	0.00076	0.00020	mg/Kg	☼	10/02/25 10:29	10/04/25 08:02	1
Dichlorodifluoromethane	0.00076	U	0.00076	0.00026	mg/Kg	☼	10/02/25 10:29	10/04/25 08:02	1
Ethylbenzene	0.00076	U	0.00076	0.00036	mg/Kg	☼	10/02/25 10:29	10/04/25 08:02	1
Ethylene Dibromide	0.00076	U	0.00076	0.00038	mg/Kg	☼	10/02/25 10:29	10/04/25 08:02	1
Isopropylbenzene	0.00076	U	0.00076	0.00022	mg/Kg	☼	10/02/25 10:29	10/04/25 08:02	1
Methyl acetate	0.0038	U	0.0038	0.0033	mg/Kg	☼	10/02/25 10:29	10/04/25 08:02	1
Methyl tert-butyl ether	0.00076	U	0.00076	0.00039	mg/Kg	☼	10/02/25 10:29	10/04/25 08:02	1
Methylcyclohexane	0.00076	U	0.00076	0.00038	mg/Kg	☼	10/02/25 10:29	10/04/25 08:02	1
Methylene Chloride	**0.0023**		0.0015	0.00087	mg/Kg	☼	10/02/25 10:29	10/04/25 08:02	1
m-Xylene & p-Xylene	0.00076	U	0.00076	0.00032	mg/Kg	☼	10/02/25 10:29	10/04/25 08:02	1
n-Butylbenzene	0.00076	U	0.00076	0.00022	mg/Kg	☼	10/02/25 10:29	10/04/25 08:02	1
N-Propylbenzene	0.00076	U	0.00076	0.00034	mg/Kg	☼	10/02/25 10:29	10/04/25 08:02	1
o-Xylene	0.00076	U	0.00076	0.00035	mg/Kg	☼	10/02/25 10:29	10/04/25 08:02	1
sec-Butylbenzene	0.00076	U	0.00076	0.00022	mg/Kg	☼	10/02/25 10:29	10/04/25 08:02	1
Styrene	0.00076	U	0.00076	0.00021	mg/Kg	☼	10/02/25 10:29	10/04/25 08:02	1
tert-Butylbenzene	0.00076	U	0.00076	0.00021	mg/Kg	☼	10/02/25 10:29	10/04/25 08:02	1
Tetrachloroethene	0.00076	U	0.00076	0.00023	mg/Kg	☼	10/02/25 10:29	10/04/25 08:02	1
Toluene	0.00076	U	0.00076	0.00018	mg/Kg	☼	10/02/25 10:29	10/04/25 08:02	1
trans-1,2-Dichloroethene	0.00076	U	0.00076	0.00019	mg/Kg	☼	10/02/25 10:29	10/04/25 08:02	1
trans-1,3-Dichloropropene	0.00076	U	0.00076	0.00020	mg/Kg	☼	10/02/25 10:29	10/04/25 08:02	1
Trichloroethene	0.00076	U	0.00076	0.00024	mg/Kg	☼	10/02/25 10:29	10/04/25 08:02	1
Trichlorofluoromethane	0.00076	U	0.00076	0.00031	mg/Kg	☼	10/02/25 10:29	10/04/25 08:02	1
Vinyl chloride	0.00076	U	0.00076	0.00041	mg/Kg	☼	10/02/25 10:29	10/04/25 08:02	1
Xylenes, Total	0.0015	U	0.0015	0.00013	mg/Kg	☼	10/02/25 10:29	10/04/25 08:02	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,2-Dichloroethane-d4 (Surr)	*118*		*65 - 138*	*10/02/25 10:29*	*10/04/25 08:02*	*1*
4-Bromofluorobenzene	*99*		*71 - 128*	*10/02/25 10:29*	*10/04/25 08:02*	*1*
Dibromofluoromethane (Surr)	*114*		*50 - 150*	*10/02/25 10:29*	*10/04/25 08:02*	*1*
Toluene-d8 (Surr)	*95*		*71 - 126*	*10/02/25 10:29*	*10/04/25 08:02*	*1*

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Percent Moisture (EPA Moisture)	**5.7**		1.0	1.0	%			10/02/25 17:24	1
Percent Solids (EPA Moisture)	**94.3**		1.0	1.0	%			10/02/25 17:24	1

Client: Haley & Aldrich, Inc.
Project/Site: Former Port Mobil

Job ID: 460-335975-1

Client Sample ID: 59B1_5-6
Date Collected: 09/29/25 08:50
Date Received: 09/29/25 15:30

Lab Sample ID: 460-335975-27
Matrix: Solid
Percent Solids: 91.9

Method: SW846 8260D - Volatile Organic Compounds by GC/MS

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1-Trichloroethane	0.00094	U	0.00094	0.00022	mg/Kg	☼	10/02/25 10:30	10/04/25 08:25	1
1,1,2,2-Tetrachloroethane	0.00094	U	0.00094	0.00049	mg/Kg	☼	10/02/25 10:30	10/04/25 08:25	1
1,1,2-Trichloro-1,2,2-trifluoroethane	0.00094	U	0.00094	0.00028	mg/Kg	☼	10/02/25 10:30	10/04/25 08:25	1
1,1,2-Trichloroethane	0.00094	U	0.00094	0.00057	mg/Kg	☼	10/02/25 10:30	10/04/25 08:25	1
1,1-Dichloroethane	0.00094	U	0.00094	0.00056	mg/Kg	☼	10/02/25 10:30	10/04/25 08:25	1
1,1-Dichloroethene	0.00094	U	0.00094	0.00021	mg/Kg	☼	10/02/25 10:30	10/04/25 08:25	1
1,2,3-Trichlorobenzene	0.00094	U	0.00094	0.00069	mg/Kg	☼	10/02/25 10:30	10/04/25 08:25	1
1,2,4-Trichlorobenzene	0.00094	U	0.00094	0.00034	mg/Kg	☼	10/02/25 10:30	10/04/25 08:25	1
1,2,4-Trimethylbenzene	0.00094	U	0.00094	0.00023	mg/Kg	☼	10/02/25 10:30	10/04/25 08:25	1
1,2-Dibromo-3-Chloropropane	0.00094	U	0.00094	0.00043	mg/Kg	☼	10/02/25 10:30	10/04/25 08:25	1
1,2-Dichlorobenzene	0.00094	U	0.00094	0.00034	mg/Kg	☼	10/02/25 10:30	10/04/25 08:25	1
1,2-Dichloroethane	0.00094	U	0.00094	0.00028	mg/Kg	☼	10/02/25 10:30	10/04/25 08:25	1
1,2-Dichloropropane	0.00094	U	0.00094	0.00040	mg/Kg	☼	10/02/25 10:30	10/04/25 08:25	1
1,3,5-Trimethylbenzene	0.00094	U	0.00094	0.00030	mg/Kg	☼	10/02/25 10:30	10/04/25 08:25	1
1,3-Dichlorobenzene	0.00094	U	0.00094	0.00034	mg/Kg	☼	10/02/25 10:30	10/04/25 08:25	1
1,4-Dichlorobenzene	0.00094	U	0.00094	0.00049	mg/Kg	☼	10/02/25 10:30	10/04/25 08:25	1
2-Butanone (MEK)	0.0047	U	0.0047	0.00035	mg/Kg	☼	10/02/25 10:30	10/04/25 08:25	1
2-Hexanone	0.0047	U	0.0047	0.0016	mg/Kg	☼	10/02/25 10:30	10/04/25 08:25	1
4-Methyl-2-pentanone (MIBK)	0.0047	U	0.0047	0.0015	mg/Kg	☼	10/02/25 10:30	10/04/25 08:25	1
Acetone	0.0056	U	0.0056	0.0054	mg/Kg	☼	10/02/25 10:30	10/04/25 08:25	1
Benzene	0.00094	U	0.00094	0.00053	mg/Kg	☼	10/02/25 10:30	10/04/25 08:25	1
Bromoform	0.00094	U	0.00094	0.00040	mg/Kg	☼	10/02/25 10:30	10/04/25 08:25	1
Bromomethane	0.0019	U	0.0019	0.00094	mg/Kg	☼	10/02/25 10:30	10/04/25 08:25	1
Carbon disulfide	0.00094	U	0.00094	0.00025	mg/Kg	☼	10/02/25 10:30	10/04/25 08:25	1
Carbon tetrachloride	0.00094	U	0.00094	0.00036	mg/Kg	☼	10/02/25 10:30	10/04/25 08:25	1
Chlorobenzene	0.00094	U	0.00094	0.00048	mg/Kg	☼	10/02/25 10:30	10/04/25 08:25	1
Chlorobromomethane	0.00094	U	0.00094	0.00056	mg/Kg	☼	10/02/25 10:30	10/04/25 08:25	1
Chlorodibromomethane	0.00094	U	0.00094	0.00051	mg/Kg	☼	10/02/25 10:30	10/04/25 08:25	1
Chloroethane	0.00094	U	0.00094	0.00049	mg/Kg	☼	10/02/25 10:30	10/04/25 08:25	1
Chloroform	0.00094	U	0.00094	0.00091	mg/Kg	☼	10/02/25 10:30	10/04/25 08:25	1
Chloromethane	0.00094	U	0.00094	0.00041	mg/Kg	☼	10/02/25 10:30	10/04/25 08:25	1
cis-1,2-Dichloroethene	0.00094	U	0.00094	0.00034	mg/Kg	☼	10/02/25 10:30	10/04/25 08:25	1
cis-1,3-Dichloropropene	0.00094	U	0.00094	0.00026	mg/Kg	☼	10/02/25 10:30	10/04/25 08:25	1
Cyclohexane	0.00094	U	0.00094	0.00021	mg/Kg	☼	10/02/25 10:30	10/04/25 08:25	1
Dichlorobromomethane	0.00094	U	0.00094	0.00024	mg/Kg	☼	10/02/25 10:30	10/04/25 08:25	1
Dichlorodifluoromethane	0.00094	U	0.00094	0.00032	mg/Kg	☼	10/02/25 10:30	10/04/25 08:25	1
Ethylbenzene	0.00094	U	0.00094	0.00044	mg/Kg	☼	10/02/25 10:30	10/04/25 08:25	1
Ethylene Dibromide	0.00094	U	0.00094	0.00047	mg/Kg	☼	10/02/25 10:30	10/04/25 08:25	1
Isopropylbenzene	0.00094	U	0.00094	0.00027	mg/Kg	☼	10/02/25 10:30	10/04/25 08:25	1
Methyl acetate	0.0047	U	0.0047	0.0040	mg/Kg	☼	10/02/25 10:30	10/04/25 08:25	1
Methyl tert-butyl ether	0.00094	U	0.00094	0.00048	mg/Kg	☼	10/02/25 10:30	10/04/25 08:25	1
Methylcyclohexane	0.00094	U	0.00094	0.00047	mg/Kg	☼	10/02/25 10:30	10/04/25 08:25	1
Methylene Chloride	**0.0030**		0.0019	0.0011	mg/Kg	☼	10/02/25 10:30	10/04/25 08:25	1
m-Xylene & p-Xylene	0.00094	U	0.00094	0.00040	mg/Kg	☼	10/02/25 10:30	10/04/25 08:25	1
n-Butylbenzene	0.00094	U	0.00094	0.00028	mg/Kg	☼	10/02/25 10:30	10/04/25 08:25	1
N-Propylbenzene	0.00094	U	0.00094	0.00042	mg/Kg	☼	10/02/25 10:30	10/04/25 08:25	1
o-Xylene	0.00094	U	0.00094	0.00043	mg/Kg	☼	10/02/25 10:30	10/04/25 08:25	1
sec-Butylbenzene	0.00094	U	0.00094	0.00027	mg/Kg	☼	10/02/25 10:30	10/04/25 08:25	1
Styrene	0.00094	U	0.00094	0.00026	mg/Kg	☼	10/02/25 10:30	10/04/25 08:25	1

Client Sample ID: 59B1_5-6

Lab Sample ID: 460-335975-27
Date Collected: 09/29/25 08:50
Matrix: Solid
Date Received: 09/29/25 15:30
Percent Solids: 91.9

Method: SW846 8260D - Volatile Organic Compounds by GC/MS (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
tert-Butylbenzene	0.00094	U	0.00094	0.00026	mg/Kg	☼	10/02/25 10:30	10/04/25 08:25	1
Tetrachloroethene	0.00094	U	0.00094	0.00029	mg/Kg	☼	10/02/25 10:30	10/04/25 08:25	1
Toluene	0.00094	U	0.00094	0.00022	mg/Kg	☼	10/02/25 10:30	10/04/25 08:25	1
trans-1,2-Dichloroethene	0.00094	U	0.00094	0.00023	mg/Kg	☼	10/02/25 10:30	10/04/25 08:25	1
trans-1,3-Dichloropropene	0.00094	U	0.00094	0.00025	mg/Kg	☼	10/02/25 10:30	10/04/25 08:25	1
Trichloroethene	0.00094	U	0.00094	0.00030	mg/Kg	☼	10/02/25 10:30	10/04/25 08:25	1
Trichlorofluoromethane	0.00094	U	0.00094	0.00038	mg/Kg	☼	10/02/25 10:30	10/04/25 08:25	1
Vinyl chloride	0.00094	U	0.00094	0.00051	mg/Kg	☼	10/02/25 10:30	10/04/25 08:25	1
Xylenes, Total	0.0019	U	0.0019	0.00016	mg/Kg	☼	10/02/25 10:30	10/04/25 08:25	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,2-Dichloroethane-d4 (Surr)	*108*		*65 - 138*	*10/02/25 10:30*	*10/04/25 08:25*	*1*
4-Bromofluorobenzene	*99*		*71 - 128*	*10/02/25 10:30*	*10/04/25 08:25*	*1*
Dibromofluoromethane (Surr)	*111*		*50 - 150*	*10/02/25 10:30*	*10/04/25 08:25*	*1*
Toluene-d8 (Surr)	*96*		*71 - 126*	*10/02/25 10:30*	*10/04/25 08:25*	*1*

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Percent Moisture (EPA Moisture)	**8.1**		1.0	1.0	%			10/02/25 17:24	1
Percent Solids (EPA Moisture)	**91.9**		1.0	1.0	%			10/02/25 17:24	1

Client Sample ID: 59B2_7.8

Lab Sample ID: 460-335975-28
Date Collected: 09/29/25 08:55
Matrix: Solid
Date Received: 09/29/25 15:30
Percent Solids: 92.2

Method: SW846 8260D - Volatile Organic Compounds by GC/MS

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1-Trichloroethane	0.0018	U	0.0018	0.00041	mg/Kg	☼	10/02/25 10:30	10/04/25 08:48	1
1,1,2,2-Tetrachloroethane	0.0018	U	0.0018	0.00092	mg/Kg	☼	10/02/25 10:30	10/04/25 08:48	1
1,1,2-Trichloro-1,2,2-trifluoroethane	0.0018	U	0.0018	0.00053	mg/Kg	☼	10/02/25 10:30	10/04/25 08:48	1
1,1,2-Trichloroethane	0.0018	U	0.0018	0.0011	mg/Kg	☼	10/02/25 10:30	10/04/25 08:48	1
1,1-Dichloroethane	0.0018	U	0.0018	0.0011	mg/Kg	☼	10/02/25 10:30	10/04/25 08:48	1
1,1-Dichloroethene	0.0018	U	0.0018	0.00040	mg/Kg	☼	10/02/25 10:30	10/04/25 08:48	1
1,2,3-Trichlorobenzene	0.0018	U	0.0018	0.0013	mg/Kg	☼	10/02/25 10:30	10/04/25 08:48	1
1,2,4-Trichlorobenzene	0.0018	U	0.0018	0.00063	mg/Kg	☼	10/02/25 10:30	10/04/25 08:48	1
1,2,4-Trimethylbenzene	0.0018	U	0.0018	0.00044	mg/Kg	☼	10/02/25 10:30	10/04/25 08:48	1
1,2-Dibromo-3-Chloropropane	0.0018	U	0.0018	0.00081	mg/Kg	☼	10/02/25 10:30	10/04/25 08:48	1
1,2-Dichlorobenzene	0.0018	U	0.0018	0.00064	mg/Kg	☼	10/02/25 10:30	10/04/25 08:48	1
1,2-Dichloroethane	0.0018	U	0.0018	0.00052	mg/Kg	☼	10/02/25 10:30	10/04/25 08:48	1
1,2-Dichloropropane	0.0018	U	0.0018	0.00075	mg/Kg	☼	10/02/25 10:30	10/04/25 08:48	1
1,3,5-Trimethylbenzene	0.0018	U	0.0018	0.00056	mg/Kg	☼	10/02/25 10:30	10/04/25 08:48	1
1,3-Dichlorobenzene	0.0018	U	0.0018	0.00065	mg/Kg	☼	10/02/25 10:30	10/04/25 08:48	1
1,4-Dichlorobenzene	0.0018	U	0.0018	0.00092	mg/Kg	☼	10/02/25 10:30	10/04/25 08:48	1
2-Butanone (MEK)	0.0088	U	0.0088	0.00065	mg/Kg	☼	10/02/25 10:30	10/04/25 08:48	1
2-Hexanone	0.0088	U	0.0088	0.0030	mg/Kg	☼	10/02/25 10:30	10/04/25 08:48	1
4-Methyl-2-pentanone (MIBK)	0.0088	U	0.0088	0.0028	mg/Kg	☼	10/02/25 10:30	10/04/25 08:48	1
Acetone	0.011	U	0.011	0.010	mg/Kg	☼	10/02/25 10:30	10/04/25 08:48	1
Benzene	0.0018	U	0.0018	0.0010	mg/Kg	☼	10/02/25 10:30	10/04/25 08:48	1
Bromoform	0.0018	U	0.0018	0.00075	mg/Kg	☼	10/02/25 10:30	10/04/25 08:48	1
Bromomethane	0.0035	U	0.0035	0.0018	mg/Kg	☼	10/02/25 10:30	10/04/25 08:48	1

Client Sample ID: 59B2_7.8
Date Collected: 09/29/25 08:55
Date Received: 09/29/25 15:30

Lab Sample ID: 460-335975-28
Matrix: Solid
Percent Solids: 92.2

Method: SW846 8260D - Volatile Organic Compounds by GC/MS (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Carbon disulfide	0.0018	U	0.0018	0.00047	mg/Kg	☼	10/02/25 10:30	10/04/25 08:48	1
Carbon tetrachloride	0.0018	U	0.0018	0.00068	mg/Kg	☼	10/02/25 10:30	10/04/25 08:48	1
Chlorobenzene	0.0018	U	0.0018	0.00090	mg/Kg	☼	10/02/25 10:30	10/04/25 08:48	1
Chlorobromomethane	0.0018	U	0.0018	0.0011	mg/Kg	☼	10/02/25 10:30	10/04/25 08:48	1
Chlorodibromomethane	0.0018	U	0.0018	0.00095	mg/Kg	☼	10/02/25 10:30	10/04/25 08:48	1
Chloroethane	0.0018	U	0.0018	0.00092	mg/Kg	☼	10/02/25 10:30	10/04/25 08:48	1
Chloroform	0.0018	U	0.0018	0.0017	mg/Kg	☼	10/02/25 10:30	10/04/25 08:48	1
Chloromethane	0.0018	U	0.0018	0.00077	mg/Kg	☼	10/02/25 10:30	10/04/25 08:48	1
cis-1,2-Dichloroethene	0.0018	U	0.0018	0.00063	mg/Kg	☼	10/02/25 10:30	10/04/25 08:48	1
cis-1,3-Dichloropropene	0.0018	U	0.0018	0.00048	mg/Kg	☼	10/02/25 10:30	10/04/25 08:48	1
Cyclohexane	0.0018	U	0.0018	0.00039	mg/Kg	☼	10/02/25 10:30	10/04/25 08:48	1
Dichlorobromomethane	0.0018	U	0.0018	0.00045	mg/Kg	☼	10/02/25 10:30	10/04/25 08:48	1
Dichlorodifluoromethane	0.0018	U	0.0018	0.00060	mg/Kg	☼	10/02/25 10:30	10/04/25 08:48	1
Ethylbenzene	0.0018	U	0.0018	0.00083	mg/Kg	☼	10/02/25 10:30	10/04/25 08:48	1
Ethylene Dibromide	0.0018	U	0.0018	0.00089	mg/Kg	☼	10/02/25 10:30	10/04/25 08:48	1
Isopropylbenzene	0.0018	U	0.0018	0.00050	mg/Kg	☼	10/02/25 10:30	10/04/25 08:48	1
Methyl acetate	0.0088	U	0.0088	0.0076	mg/Kg	☼	10/02/25 10:30	10/04/25 08:48	1
Methyl tert-butyl ether	0.0018	U	0.0018	0.00091	mg/Kg	☼	10/02/25 10:30	10/04/25 08:48	1
Methylcyclohexane	0.0018	U	0.0018	0.00088	mg/Kg	☼	10/02/25 10:30	10/04/25 08:48	1
Methylene Chloride	**0.0062**		0.0035	0.0020	mg/Kg	☼	10/02/25 10:30	10/04/25 08:48	1
m-Xylene & p-Xylene	0.0018	U	0.0018	0.00075	mg/Kg	☼	10/02/25 10:30	10/04/25 08:48	1
n-Butylbenzene	0.0018	U	0.0018	0.00052	mg/Kg	☼	10/02/25 10:30	10/04/25 08:48	1
N-Propylbenzene	0.0018	U	0.0018	0.00079	mg/Kg	☼	10/02/25 10:30	10/04/25 08:48	1
o-Xylene	0.0018	U	0.0018	0.00082	mg/Kg	☼	10/02/25 10:30	10/04/25 08:48	1
sec-Butylbenzene	0.0018	U	0.0018	0.00051	mg/Kg	☼	10/02/25 10:30	10/04/25 08:48	1
Styrene	0.0018	U	0.0018	0.00049	mg/Kg	☼	10/02/25 10:30	10/04/25 08:48	1
tert-Butylbenzene	0.0018	U	0.0018	0.00049	mg/Kg	☼	10/02/25 10:30	10/04/25 08:48	1
Tetrachloroethene	0.0018	U	0.0018	0.00054	mg/Kg	☼	10/02/25 10:30	10/04/25 08:48	1
Toluene	0.0018	U	0.0018	0.00041	mg/Kg	☼	10/02/25 10:30	10/04/25 08:48	1
trans-1,2-Dichloroethene	0.0018	U	0.0018	0.00044	mg/Kg	☼	10/02/25 10:30	10/04/25 08:48	1
trans-1,3-Dichloropropene	0.0018	U	0.0018	0.00047	mg/Kg	☼	10/02/25 10:30	10/04/25 08:48	1
Trichloroethene	0.0018	U	0.0018	0.00057	mg/Kg	☼	10/02/25 10:30	10/04/25 08:48	1
Trichlorofluoromethane	0.0018	U	0.0018	0.00072	mg/Kg	☼	10/02/25 10:30	10/04/25 08:48	1
Vinyl chloride	0.0018	U	0.0018	0.00097	mg/Kg	☼	10/02/25 10:30	10/04/25 08:48	1
Xylenes, Total	0.0035	U	0.0035	0.00031	mg/Kg	☼	10/02/25 10:30	10/04/25 08:48	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,2-Dichloroethane-d4 (Surr)	*108*		*65 - 138*	*10/02/25 10:30*	*10/04/25 08:48*	*1*
4-Bromofluorobenzene	*100*		*71 - 128*	*10/02/25 10:30*	*10/04/25 08:48*	*1*
Dibromofluoromethane (Surr)	*112*		*50 - 150*	*10/02/25 10:30*	*10/04/25 08:48*	*1*
Toluene-d8 (Surr)	*96*		*71 - 126*	*10/02/25 10:30*	*10/04/25 08:48*	*1*

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Percent Moisture (EPA Moisture)	**7.8**		1.0	1.0	%			10/02/25 17:24	1
Percent Solids (EPA Moisture)	**92.2**		1.0	1.0	%			10/02/25 17:24	1

Client: Haley & Aldrich, Inc.
Project/Site: Former Port Mobil

Job ID: 460-335975-1

Client Sample ID: 59B3_8-9
Date Collected: 09/29/25 09:00
Date Received: 09/29/25 15:30

Lab Sample ID: 460-335975-29
Matrix: Solid
Percent Solids: 92.8

Method: SW846 8260D - Volatile Organic Compounds by GC/MS

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1-Trichloroethane	0.0011	U	0.0011	0.00025	mg/Kg	☼	10/02/25 10:30	10/04/25 09:11	1
1,1,2,2-Tetrachloroethane	0.0011	U	0.0011	0.00056	mg/Kg	☼	10/02/25 10:30	10/04/25 09:11	1
1,1,2-Trichloro-1,2,2-trifluoroethane	0.0011	U	0.0011	0.00033	mg/Kg	☼	10/02/25 10:30	10/04/25 09:11	1
1,1,2-Trichloroethane	0.0011	U	0.0011	0.00065	mg/Kg	☼	10/02/25 10:30	10/04/25 09:11	1
1,1-Dichloroethane	0.0011	U	0.0011	0.00065	mg/Kg	☼	10/02/25 10:30	10/04/25 09:11	1
1,1-Dichloroethene	0.0011	U	0.0011	0.00024	mg/Kg	☼	10/02/25 10:30	10/04/25 09:11	1
1,2,3-Trichlorobenzene	0.0011	U	0.0011	0.00080	mg/Kg	☼	10/02/25 10:30	10/04/25 09:11	1
1,2,4-Trichlorobenzene	0.0011	U	0.0011	0.00039	mg/Kg	☼	10/02/25 10:30	10/04/25 09:11	1
1,2,4-Trimethylbenzene	0.0011	U	0.0011	0.00027	mg/Kg	☼	10/02/25 10:30	10/04/25 09:11	1
1,2-Dibromo-3-Chloropropane	0.0011	U	0.0011	0.00050	mg/Kg	☼	10/02/25 10:30	10/04/25 09:11	1
1,2-Dichlorobenzene	0.0011	U	0.0011	0.00039	mg/Kg	☼	10/02/25 10:30	10/04/25 09:11	1
1,2-Dichloroethane	0.0011	U	0.0011	0.00032	mg/Kg	☼	10/02/25 10:30	10/04/25 09:11	1
1,2-Dichloropropane	0.0011	U	0.0011	0.00046	mg/Kg	☼	10/02/25 10:30	10/04/25 09:11	1
1,3,5-Trimethylbenzene	0.0011	U	0.0011	0.00034	mg/Kg	☼	10/02/25 10:30	10/04/25 09:11	1
1,3-Dichlorobenzene	0.0011	U	0.0011	0.00039	mg/Kg	☼	10/02/25 10:30	10/04/25 09:11	1
1,4-Dichlorobenzene	0.0011	U	0.0011	0.00056	mg/Kg	☼	10/02/25 10:30	10/04/25 09:11	1
2-Butanone (MEK)	0.0054	U	0.0054	0.00040	mg/Kg	☼	10/02/25 10:30	10/04/25 09:11	1
2-Hexanone	0.0054	U	0.0054	0.0018	mg/Kg	☼	10/02/25 10:30	10/04/25 09:11	1
4-Methyl-2-pentanone (MIBK)	0.0054	U	0.0054	0.0017	mg/Kg	☼	10/02/25 10:30	10/04/25 09:11	1
Acetone	0.0065	U	0.0065	0.0062	mg/Kg	☼	10/02/25 10:30	10/04/25 09:11	1
Benzene	0.0011	U	0.0011	0.00061	mg/Kg	☼	10/02/25 10:30	10/04/25 09:11	1
Bromoform	0.0011	U	0.0011	0.00046	mg/Kg	☼	10/02/25 10:30	10/04/25 09:11	1
Bromomethane	0.0022	U	0.0022	0.0011	mg/Kg	☼	10/02/25 10:30	10/04/25 09:11	1
Carbon disulfide	0.0011	U	0.0011	0.00029	mg/Kg	☼	10/02/25 10:30	10/04/25 09:11	1
Carbon tetrachloride	0.0011	U	0.0011	0.00042	mg/Kg	☼	10/02/25 10:30	10/04/25 09:11	1
Chlorobenzene	0.0011	U	0.0011	0.00055	mg/Kg	☼	10/02/25 10:30	10/04/25 09:11	1
Chlorobromomethane	0.0011	U	0.0011	0.00064	mg/Kg	☼	10/02/25 10:30	10/04/25 09:11	1
Chlorodibromomethane	0.0011	U	0.0011	0.00058	mg/Kg	☼	10/02/25 10:30	10/04/25 09:11	1
Chloroethane	0.0011	U	0.0011	0.00056	mg/Kg	☼	10/02/25 10:30	10/04/25 09:11	1
Chloroform	0.0011	U	0.0011	0.0010	mg/Kg	☼	10/02/25 10:30	10/04/25 09:11	1
Chloromethane	0.0011	U	0.0011	0.00047	mg/Kg	☼	10/02/25 10:30	10/04/25 09:11	1
cis-1,2-Dichloroethene	0.0011	U	0.0011	0.00039	mg/Kg	☼	10/02/25 10:30	10/04/25 09:11	1
cis-1,3-Dichloropropene	0.0011	U	0.0011	0.00030	mg/Kg	☼	10/02/25 10:30	10/04/25 09:11	1
Cyclohexane	0.0011	U	0.0011	0.00024	mg/Kg	☼	10/02/25 10:30	10/04/25 09:11	1
Dichlorobromomethane	0.0011	U	0.0011	0.00028	mg/Kg	☼	10/02/25 10:30	10/04/25 09:11	1
Dichlorodifluoromethane	0.0011	U	0.0011	0.00037	mg/Kg	☼	10/02/25 10:30	10/04/25 09:11	1
Ethylbenzene	0.0011	U	0.0011	0.00051	mg/Kg	☼	10/02/25 10:30	10/04/25 09:11	1
Ethylene Dibromide	0.0011	U	0.0011	0.00054	mg/Kg	☼	10/02/25 10:30	10/04/25 09:11	1
Isopropylbenzene	0.0011	U	0.0011	0.00031	mg/Kg	☼	10/02/25 10:30	10/04/25 09:11	1
Methyl acetate	0.0054	U	0.0054	0.0046	mg/Kg	☼	10/02/25 10:30	10/04/25 09:11	1
Methyl tert-butyl ether	0.0011	U	0.0011	0.00055	mg/Kg	☼	10/02/25 10:30	10/04/25 09:11	1
Methylcyclohexane	0.0011	U	0.0011	0.00054	mg/Kg	☼	10/02/25 10:30	10/04/25 09:11	1
Methylene Chloride	**0.0019**	**J**	0.0022	0.0012	mg/Kg	☼	10/02/25 10:30	10/04/25 09:11	1
m-Xylene & p-Xylene	0.0011	U	0.0011	0.00046	mg/Kg	☼	10/02/25 10:30	10/04/25 09:11	1
n-Butylbenzene	0.0011	U	0.0011	0.00032	mg/Kg	☼	10/02/25 10:30	10/04/25 09:11	1
N-Propylbenzene	0.0011	U	0.0011	0.00049	mg/Kg	☼	10/02/25 10:30	10/04/25 09:11	1
o-Xylene	0.0011	U	0.0011	0.00050	mg/Kg	☼	10/02/25 10:30	10/04/25 09:11	1
sec-Butylbenzene	0.0011	U	0.0011	0.00031	mg/Kg	☼	10/02/25 10:30	10/04/25 09:11	1
Styrene	0.0011	U	0.0011	0.00030	mg/Kg	☼	10/02/25 10:30	10/04/25 09:11	1

Client Sample ID: 59B3_8-9

Lab Sample ID: 460-335975-29

Date Collected: 09/29/25 09:00
Matrix: Solid
Date Received: 09/29/25 15:30
Percent Solids: 92.8

Method: SW846 8260D - Volatile Organic Compounds by GC/MS (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
tert-Butylbenzene	0.0011	U	0.0011	0.00030	mg/Kg	☼	10/02/25 10:30	10/04/25 09:11	1
Tetrachloroethene	0.0011	U	0.0011	0.00033	mg/Kg	☼	10/02/25 10:30	10/04/25 09:11	1
Toluene	0.0011	U	0.0011	0.00025	mg/Kg	☼	10/02/25 10:30	10/04/25 09:11	1
trans-1,2-Dichloroethene	0.0011	U	0.0011	0.00027	mg/Kg	☼	10/02/25 10:30	10/04/25 09:11	1
trans-1,3-Dichloropropene	0.0011	U	0.0011	0.00029	mg/Kg	☼	10/02/25 10:30	10/04/25 09:11	1
Trichloroethene	0.0011	U	0.0011	0.00035	mg/Kg	☼	10/02/25 10:30	10/04/25 09:11	1
Trichlorofluoromethane	0.0011	U	0.0011	0.00044	mg/Kg	☼	10/02/25 10:30	10/04/25 09:11	1
Vinyl chloride	0.0011	U	0.0011	0.00059	mg/Kg	☼	10/02/25 10:30	10/04/25 09:11	1
Xylenes, Total	0.0022	U	0.0022	0.00019	mg/Kg	☼	10/02/25 10:30	10/04/25 09:11	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,2-Dichloroethane-d4 (Surr)	*107*		*65 - 138*	*10/02/25 10:30*	*10/04/25 09:11*	*1*
4-Bromofluorobenzene	*100*		*71 - 128*	*10/02/25 10:30*	*10/04/25 09:11*	*1*
Dibromofluoromethane (Surr)	*110*		*50 - 150*	*10/02/25 10:30*	*10/04/25 09:11*	*1*
Toluene-d8 (Surr)	*96*		*71 - 126*	*10/02/25 10:30*	*10/04/25 09:11*	*1*

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Percent Moisture (EPA Moisture)	**7.2**		1.0	1.0	%			10/02/25 17:24	1
Percent Solids (EPA Moisture)	**92.8**		1.0	1.0	%			10/02/25 17:24	1

Client Sample ID: 59B2_9-10

Lab Sample ID: 460-335975-30

Date Collected: 09/29/25 09:05
Matrix: Solid
Date Received: 09/29/25 15:30
Percent Solids: 94.1

Method: SW846 8260D - Volatile Organic Compounds by GC/MS

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1-Trichloroethane	0.00097	U	0.00097	0.00023	mg/Kg	☼	10/02/25 10:31	10/04/25 09:34	1
1,1,2,2-Tetrachloroethane	0.00097	U	0.00097	0.00051	mg/Kg	☼	10/02/25 10:31	10/04/25 09:34	1
1,1,2-Trichloro-1,2,2-trifluoroethane	0.00097	U	0.00097	0.00029	mg/Kg	☼	10/02/25 10:31	10/04/25 09:34	1
1,1,2-Trichloroethane	0.00097	U	0.00097	0.00058	mg/Kg	☼	10/02/25 10:31	10/04/25 09:34	1
1,1-Dichloroethane	0.00097	U	0.00097	0.00058	mg/Kg	☼	10/02/25 10:31	10/04/25 09:34	1
1,1-Dichloroethene	0.00097	U	0.00097	0.00022	mg/Kg	☼	10/02/25 10:31	10/04/25 09:34	1
1,2,3-Trichlorobenzene	0.00097	U	0.00097	0.00071	mg/Kg	☼	10/02/25 10:31	10/04/25 09:34	1
1,2,4-Trichlorobenzene	0.00097	U	0.00097	0.00035	mg/Kg	☼	10/02/25 10:31	10/04/25 09:34	1
1,2,4-Trimethylbenzene	0.00097	U	0.00097	0.00024	mg/Kg	☼	10/02/25 10:31	10/04/25 09:34	1
1,2-Dibromo-3-Chloropropane	0.00097	U	0.00097	0.00045	mg/Kg	☼	10/02/25 10:31	10/04/25 09:34	1
1,2-Dichlorobenzene	0.00097	U	0.00097	0.00035	mg/Kg	☼	10/02/25 10:31	10/04/25 09:34	1
1,2-Dichloroethane	0.00097	U	0.00097	0.00029	mg/Kg	☼	10/02/25 10:31	10/04/25 09:34	1
1,2-Dichloropropane	0.00097	U	0.00097	0.00041	mg/Kg	☼	10/02/25 10:31	10/04/25 09:34	1
1,3,5-Trimethylbenzene	0.00097	U	0.00097	0.00030	mg/Kg	☼	10/02/25 10:31	10/04/25 09:34	1
1,3-Dichlorobenzene	0.00097	U	0.00097	0.00035	mg/Kg	☼	10/02/25 10:31	10/04/25 09:34	1
1,4-Dichlorobenzene	0.00097	U	0.00097	0.00050	mg/Kg	☼	10/02/25 10:31	10/04/25 09:34	1
2-Butanone (MEK)	0.0048	U	0.0048	0.00036	mg/Kg	☼	10/02/25 10:31	10/04/25 09:34	1
2-Hexanone	0.0048	U	0.0048	0.0017	mg/Kg	☼	10/02/25 10:31	10/04/25 09:34	1
4-Methyl-2-pentanone (MIBK)	0.0048	U	0.0048	0.0015	mg/Kg	☼	10/02/25 10:31	10/04/25 09:34	1
Acetone	0.0058	U	0.0058	0.0055	mg/Kg	☼	10/02/25 10:31	10/04/25 09:34	1
Benzene	0.00097	U	0.00097	0.00055	mg/Kg	☼	10/02/25 10:31	10/04/25 09:34	1
Bromoform	0.00097	U	0.00097	0.00041	mg/Kg	☼	10/02/25 10:31	10/04/25 09:34	1
Bromomethane	0.0019	U	0.0019	0.00097	mg/Kg	☼	10/02/25 10:31	10/04/25 09:34	1

Client Sample ID: 59B2_9-10
Date Collected: 09/29/25 09:05
Date Received: 09/29/25 15:30

Lab Sample ID: 460-335975-30
Matrix: Solid
Percent Solids: 94.1

Method: SW846 8260D - Volatile Organic Compounds by GC/MS (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Carbon disulfide	0.00097	U	0.00097	0.00026	mg/Kg	☼	10/02/25 10:31	10/04/25 09:34	1
Carbon tetrachloride	0.00097	U	0.00097	0.00037	mg/Kg	☼	10/02/25 10:31	10/04/25 09:34	1
Chlorobenzene	0.00097	U	0.00097	0.00049	mg/Kg	☼	10/02/25 10:31	10/04/25 09:34	1
Chlorobromomethane	0.00097	U	0.00097	0.00058	mg/Kg	☼	10/02/25 10:31	10/04/25 09:34	1
Chlorodibromomethane	0.00097	U	0.00097	0.00052	mg/Kg	☼	10/02/25 10:31	10/04/25 09:34	1
Chloroethane	0.00097	U	0.00097	0.00051	mg/Kg	☼	10/02/25 10:31	10/04/25 09:34	1
Chloroform	0.00097	U	0.00097	0.00094	mg/Kg	☼	10/02/25 10:31	10/04/25 09:34	1
Chloromethane	0.00097	U	0.00097	0.00042	mg/Kg	☼	10/02/25 10:31	10/04/25 09:34	1
cis-1,2-Dichloroethene	0.00097	U	0.00097	0.00035	mg/Kg	☼	10/02/25 10:31	10/04/25 09:34	1
cis-1,3-Dichloropropene	0.00097	U	0.00097	0.00026	mg/Kg	☼	10/02/25 10:31	10/04/25 09:34	1
Cyclohexane	0.00097	U	0.00097	0.00021	mg/Kg	☼	10/02/25 10:31	10/04/25 09:34	1
Dichlorobromomethane	0.00097	U	0.00097	0.00025	mg/Kg	☼	10/02/25 10:31	10/04/25 09:34	1
Dichlorodifluoromethane	0.00097	U	0.00097	0.00033	mg/Kg	☼	10/02/25 10:31	10/04/25 09:34	1
Ethylbenzene	0.00097	U	0.00097	0.00045	mg/Kg	☼	10/02/25 10:31	10/04/25 09:34	1
Ethylene Dibromide	0.00097	U	0.00097	0.00049	mg/Kg	☼	10/02/25 10:31	10/04/25 09:34	1
Isopropylbenzene	0.00097	U	0.00097	0.00028	mg/Kg	☼	10/02/25 10:31	10/04/25 09:34	1
Methyl acetate	0.0048	U	0.0048	0.0042	mg/Kg	☼	10/02/25 10:31	10/04/25 09:34	1
Methyl tert-butyl ether	0.00097	U	0.00097	0.00050	mg/Kg	☼	10/02/25 10:31	10/04/25 09:34	1
Methylcyclohexane	0.00097	U	0.00097	0.00048	mg/Kg	☼	10/02/25 10:31	10/04/25 09:34	1
Methylene Chloride	**0.0024**		0.0019	0.0011	mg/Kg	☼	10/02/25 10:31	10/04/25 09:34	1
m-Xylene & p-Xylene	0.00097	U	0.00097	0.00041	mg/Kg	☼	10/02/25 10:31	10/04/25 09:34	1
n-Butylbenzene	0.00097	U	0.00097	0.00028	mg/Kg	☼	10/02/25 10:31	10/04/25 09:34	1
N-Propylbenzene	0.00097	U	0.00097	0.00043	mg/Kg	☼	10/02/25 10:31	10/04/25 09:34	1
o-Xylene	0.00097	U	0.00097	0.00045	mg/Kg	☼	10/02/25 10:31	10/04/25 09:34	1
sec-Butylbenzene	0.00097	U	0.00097	0.00028	mg/Kg	☼	10/02/25 10:31	10/04/25 09:34	1
Styrene	0.00097	U	0.00097	0.00027	mg/Kg	☼	10/02/25 10:31	10/04/25 09:34	1
tert-Butylbenzene	0.00097	U	0.00097	0.00027	mg/Kg	☼	10/02/25 10:31	10/04/25 09:34	1
Tetrachloroethene	0.00097	U	0.00097	0.00030	mg/Kg	☼	10/02/25 10:31	10/04/25 09:34	1
Toluene	0.00097	U	0.00097	0.00023	mg/Kg	☼	10/02/25 10:31	10/04/25 09:34	1
trans-1,2-Dichloroethene	0.00097	U	0.00097	0.00024	mg/Kg	☼	10/02/25 10:31	10/04/25 09:34	1
trans-1,3-Dichloropropene	0.00097	U	0.00097	0.00026	mg/Kg	☼	10/02/25 10:31	10/04/25 09:34	1
Trichloroethene	0.00097	U	0.00097	0.00031	mg/Kg	☼	10/02/25 10:31	10/04/25 09:34	1
Trichlorofluoromethane	0.00097	U	0.00097	0.00039	mg/Kg	☼	10/02/25 10:31	10/04/25 09:34	1
Vinyl chloride	0.00097	U	0.00097	0.00053	mg/Kg	☼	10/02/25 10:31	10/04/25 09:34	1
Xylenes, Total	0.0019	U	0.0019	0.00017	mg/Kg	☼	10/02/25 10:31	10/04/25 09:34	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,2-Dichloroethane-d4 (Surr)	*112*		*65 - 138*	*10/02/25 10:31*	*10/04/25 09:34*	*1*
4-Bromofluorobenzene	*99*		*71 - 128*	*10/02/25 10:31*	*10/04/25 09:34*	*1*
Dibromofluoromethane (Surr)	*111*		*50 - 150*	*10/02/25 10:31*	*10/04/25 09:34*	*1*
Toluene-d8 (Surr)	*96*		*71 - 126*	*10/02/25 10:31*	*10/04/25 09:34*	*1*

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Percent Moisture (EPA Moisture)	**5.9**		1.0	1.0	%			10/02/25 17:24	1
Percent Solids (EPA Moisture)	**94.1**		1.0	1.0	%			10/02/25 17:24	1

Client: Haley & Aldrich, Inc.
Project/Site: Former Port Mobil

Job ID: 460-335975-1

Client Sample ID: 59C1_1-2
Date Collected: 09/29/25 09:10
Date Received: 09/29/25 15:30

Lab Sample ID: 460-335975-31
Matrix: Solid
Percent Solids: 93.9

Method: SW846 8260D - Volatile Organic Compounds by GC/MS

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1-Trichloroethane	0.0011	U	0.0011	0.00025	mg/Kg	☼	10/02/25 10:31	10/04/25 09:57	1
1,1,2,2-Tetrachloroethane	0.0011	U	0.0011	0.00057	mg/Kg	☼	10/02/25 10:31	10/04/25 09:57	1
1,1,2-Trichloro-1,2,2-trifluoroethane	0.0011	U	0.0011	0.00033	mg/Kg	☼	10/02/25 10:31	10/04/25 09:57	1
1,1,2-Trichloroethane	0.0011	U	0.0011	0.00065	mg/Kg	☼	10/02/25 10:31	10/04/25 09:57	1
1,1-Dichloroethane	0.0011	U	0.0011	0.00065	mg/Kg	☼	10/02/25 10:31	10/04/25 09:57	1
1,1-Dichloroethene	0.0011	U	0.0011	0.00024	mg/Kg	☼	10/02/25 10:31	10/04/25 09:57	1
1,2,3-Trichlorobenzene	0.0011	U	0.0011	0.00080	mg/Kg	☼	10/02/25 10:31	10/04/25 09:57	1
1,2,4-Trichlorobenzene	0.0011	U	0.0011	0.00039	mg/Kg	☼	10/02/25 10:31	10/04/25 09:57	1
1,2,4-Trimethylbenzene	0.0011	U	0.0011	0.00027	mg/Kg	☼	10/02/25 10:31	10/04/25 09:57	1
1,2-Dibromo-3-Chloropropane	0.0011	U	0.0011	0.00050	mg/Kg	☼	10/02/25 10:31	10/04/25 09:57	1
1,2-Dichlorobenzene	0.0011	U	0.0011	0.00039	mg/Kg	☼	10/02/25 10:31	10/04/25 09:57	1
1,2-Dichloroethane	0.0011	U	0.0011	0.00032	mg/Kg	☼	10/02/25 10:31	10/04/25 09:57	1
1,2-Dichloropropane	0.0011	U	0.0011	0.00046	mg/Kg	☼	10/02/25 10:31	10/04/25 09:57	1
1,3,5-Trimethylbenzene	0.0011	U	0.0011	0.00034	mg/Kg	☼	10/02/25 10:31	10/04/25 09:57	1
1,3-Dichlorobenzene	0.0011	U	0.0011	0.00040	mg/Kg	☼	10/02/25 10:31	10/04/25 09:57	1
1,4-Dichlorobenzene	0.0011	U	0.0011	0.00056	mg/Kg	☼	10/02/25 10:31	10/04/25 09:57	1
2-Butanone (MEK)	0.0054	U	0.0054	0.00040	mg/Kg	☼	10/02/25 10:31	10/04/25 09:57	1
2-Hexanone	0.0054	U	0.0054	0.0019	mg/Kg	☼	10/02/25 10:31	10/04/25 09:57	1
4-Methyl-2-pentanone (MIBK)	0.0054	U	0.0054	0.0017	mg/Kg	☼	10/02/25 10:31	10/04/25 09:57	1
Acetone	0.0065	U	0.0065	0.0062	mg/Kg	☼	10/02/25 10:31	10/04/25 09:57	1
Benzene	0.0011	U	0.0011	0.00062	mg/Kg	☼	10/02/25 10:31	10/04/25 09:57	1
Bromoform	0.0011	U	0.0011	0.00046	mg/Kg	☼	10/02/25 10:31	10/04/25 09:57	1
Bromomethane	0.0022	U	0.0022	0.0011	mg/Kg	☼	10/02/25 10:31	10/04/25 09:57	1
Carbon disulfide	0.0011	U	0.0011	0.00029	mg/Kg	☼	10/02/25 10:31	10/04/25 09:57	1
Carbon tetrachloride	0.0011	U	0.0011	0.00042	mg/Kg	☼	10/02/25 10:31	10/04/25 09:57	1
Chlorobenzene	0.0011	U	0.0011	0.00055	mg/Kg	☼	10/02/25 10:31	10/04/25 09:57	1
Chlorobromomethane	0.0011	U	0.0011	0.00065	mg/Kg	☼	10/02/25 10:31	10/04/25 09:57	1
Chlorodibromomethane	0.0011	U	0.0011	0.00058	mg/Kg	☼	10/02/25 10:31	10/04/25 09:57	1
Chloroethane	0.0011	U	0.0011	0.00057	mg/Kg	☼	10/02/25 10:31	10/04/25 09:57	1
Chloroform	0.0011	U	0.0011	0.0011	mg/Kg	☼	10/02/25 10:31	10/04/25 09:57	1
Chloromethane	0.0011	U	0.0011	0.00047	mg/Kg	☼	10/02/25 10:31	10/04/25 09:57	1
cis-1,2-Dichloroethene	0.0011	U	0.0011	0.00039	mg/Kg	☼	10/02/25 10:31	10/04/25 09:57	1
cis-1,3-Dichloropropene	0.0011	U	0.0011	0.00030	mg/Kg	☼	10/02/25 10:31	10/04/25 09:57	1
Cyclohexane	0.0011	U	0.0011	0.00024	mg/Kg	☼	10/02/25 10:31	10/04/25 09:57	1
Dichlorobromomethane	0.0011	U	0.0011	0.00028	mg/Kg	☼	10/02/25 10:31	10/04/25 09:57	1
Dichlorodifluoromethane	0.0011	U	0.0011	0.00037	mg/Kg	☼	10/02/25 10:31	10/04/25 09:57	1
Ethylbenzene	0.0011	U	0.0011	0.00051	mg/Kg	☼	10/02/25 10:31	10/04/25 09:57	1
Ethylene Dibromide	0.0011	U	0.0011	0.00055	mg/Kg	☼	10/02/25 10:31	10/04/25 09:57	1
Isopropylbenzene	0.0011	U	0.0011	0.00031	mg/Kg	☼	10/02/25 10:31	10/04/25 09:57	1
Methyl acetate	0.0054	U	0.0054	0.0047	mg/Kg	☼	10/02/25 10:31	10/04/25 09:57	1
Methyl tert-butyl ether	0.0011	U	0.0011	0.00056	mg/Kg	☼	10/02/25 10:31	10/04/25 09:57	1
Methylcyclohexane	0.0011	U	0.0011	0.00054	mg/Kg	☼	10/02/25 10:31	10/04/25 09:57	1
Methylene Chloride	**0.0031**		0.0022	0.0012	mg/Kg	☼	10/02/25 10:31	10/04/25 09:57	1
m-Xylene & p-Xylene	0.0011	U	0.0011	0.00046	mg/Kg	☼	10/02/25 10:31	10/04/25 09:57	1
n-Butylbenzene	0.0011	U	0.0011	0.00032	mg/Kg	☼	10/02/25 10:31	10/04/25 09:57	1
N-Propylbenzene	0.0011	U	0.0011	0.00049	mg/Kg	☼	10/02/25 10:31	10/04/25 09:57	1
o-Xylene	0.0011	U	0.0011	0.00050	mg/Kg	☼	10/02/25 10:31	10/04/25 09:57	1
sec-Butylbenzene	0.0011	U	0.0011	0.00031	mg/Kg	☼	10/02/25 10:31	10/04/25 09:57	1
Styrene	0.0011	U	0.0011	0.00030	mg/Kg	☼	10/02/25 10:31	10/04/25 09:57	1

Client Sample ID: 59C1_1-2

Date Collected: 09/29/25 09:10
Date Received: 09/29/25 15:30

Lab Sample ID: 460-335975-31

Matrix: Solid
Percent Solids: 93.9

Method: SW846 8260D - Volatile Organic Compounds by GC/MS (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
tert-Butylbenzene	0.0011	U	0.0011	0.00030	mg/Kg	☼	10/02/25 10:31	10/04/25 09:57	1
Tetrachloroethene	0.0011	U	0.0011	0.00033	mg/Kg	☼	10/02/25 10:31	10/04/25 09:57	1
Toluene	0.0011	U	0.0011	0.00025	mg/Kg	☼	10/02/25 10:31	10/04/25 09:57	1
trans-1,2-Dichloroethene	0.0011	U	0.0011	0.00027	mg/Kg	☼	10/02/25 10:31	10/04/25 09:57	1
trans-1,3-Dichloropropene	0.0011	U	0.0011	0.00029	mg/Kg	☼	10/02/25 10:31	10/04/25 09:57	1
Trichloroethene	0.0011	U	0.0011	0.00035	mg/Kg	☼	10/02/25 10:31	10/04/25 09:57	1
Trichlorofluoromethane	0.0011	U	0.0011	0.00044	mg/Kg	☼	10/02/25 10:31	10/04/25 09:57	1
Vinyl chloride	0.0011	U	0.0011	0.00059	mg/Kg	☼	10/02/25 10:31	10/04/25 09:57	1
Xylenes, Total	0.0022	U	0.0022	0.00019	mg/Kg	☼	10/02/25 10:31	10/04/25 09:57	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,2-Dichloroethane-d4 (Surr)	*112*		*65 - 138*	*10/02/25 10:31*	*10/04/25 09:57*	*1*
4-Bromofluorobenzene	*100*		*71 - 128*	*10/02/25 10:31*	*10/04/25 09:57*	*1*
Dibromofluoromethane (Surr)	*114*		*50 - 150*	*10/02/25 10:31*	*10/04/25 09:57*	*1*
Toluene-d8 (Surr)	*96*		*71 - 126*	*10/02/25 10:31*	*10/04/25 09:57*	*1*

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Percent Moisture (EPA Moisture)	**6.1**		1.0	1.0	%			10/02/25 17:24	1
Percent Solids (EPA Moisture)	**93.9**		1.0	1.0	%			10/02/25 17:24	1

Client Sample ID: 59C2_3-4

Date Collected: 09/29/25 09:15
Date Received: 09/29/25 15:30

Lab Sample ID: 460-335975-32

Matrix: Solid
Percent Solids: 94.9

Method: SW846 8260D - Volatile Organic Compounds by GC/MS

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1-Trichloroethane	0.0013	U	0.0013	0.00030	mg/Kg	☼	10/02/25 10:31	10/04/25 10:20	1
1,1,2,2-Tetrachloroethane	0.0013	U	0.0013	0.00066	mg/Kg	☼	10/02/25 10:31	10/04/25 10:20	1
1,1,2-Trichloro-1,2,2-trifluoroethane	0.0013	U	0.0013	0.00038	mg/Kg	☼	10/02/25 10:31	10/04/25 10:20	1
1,1,2-Trichloroethane	0.0013	U	0.0013	0.00076	mg/Kg	☼	10/02/25 10:31	10/04/25 10:20	1
1,1-Dichloroethane	0.0013	U	0.0013	0.00076	mg/Kg	☼	10/02/25 10:31	10/04/25 10:20	1
1,1-Dichloroethene	0.0013	U	0.0013	0.00029	mg/Kg	☼	10/02/25 10:31	10/04/25 10:20	1
1,2,3-Trichlorobenzene	0.0013	U	0.0013	0.00094	mg/Kg	☼	10/02/25 10:31	10/04/25 10:20	1
1,2,4-Trichlorobenzene	0.0013	U	0.0013	0.00045	mg/Kg	☼	10/02/25 10:31	10/04/25 10:20	1
1,2,4-Trimethylbenzene	0.0013	U	0.0013	0.00031	mg/Kg	☼	10/02/25 10:31	10/04/25 10:20	1
1,2-Dibromo-3-Chloropropane	0.0013	U	0.0013	0.00058	mg/Kg	☼	10/02/25 10:31	10/04/25 10:20	1
1,2-Dichlorobenzene	0.0013	U	0.0013	0.00046	mg/Kg	☼	10/02/25 10:31	10/04/25 10:20	1
1,2-Dichloroethane	0.0013	U	0.0013	0.00038	mg/Kg	☼	10/02/25 10:31	10/04/25 10:20	1
1,2-Dichloropropane	0.0013	U	0.0013	0.00054	mg/Kg	☼	10/02/25 10:31	10/04/25 10:20	1
1,3,5-Trimethylbenzene	0.0013	U	0.0013	0.00040	mg/Kg	☼	10/02/25 10:31	10/04/25 10:20	1
1,3-Dichlorobenzene	0.0013	U	0.0013	0.00046	mg/Kg	☼	10/02/25 10:31	10/04/25 10:20	1
1,4-Dichlorobenzene	0.0013	U	0.0013	0.00066	mg/Kg	☼	10/02/25 10:31	10/04/25 10:20	1
2-Butanone (MEK)	0.0063	U	0.0063	0.00047	mg/Kg	☼	10/02/25 10:31	10/04/25 10:20	1
2-Hexanone	0.0063	U	0.0063	0.0022	mg/Kg	☼	10/02/25 10:31	10/04/25 10:20	1
4-Methyl-2-pentanone (MIBK)	0.0063	U	0.0063	0.0020	mg/Kg	☼	10/02/25 10:31	10/04/25 10:20	1
Acetone	0.0076	U	0.0076	0.0072	mg/Kg	☼	10/02/25 10:31	10/04/25 10:20	1
Benzene	0.0013	U	0.0013	0.00072	mg/Kg	☼	10/02/25 10:31	10/04/25 10:20	1
Bromoform	0.0013	U	0.0013	0.00054	mg/Kg	☼	10/02/25 10:31	10/04/25 10:20	1
Bromomethane	0.0025	U	0.0025	0.0013	mg/Kg	☼	10/02/25 10:31	10/04/25 10:20	1

Client Sample ID: 59C2_3-4
Date Collected: 09/29/25 09:15
Date Received: 09/29/25 15:30

Lab Sample ID: 460-335975-32
Matrix: Solid
Percent Solids: 94.9

Method: SW846 8260D - Volatile Organic Compounds by GC/MS (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Carbon disulfide	0.0013	U	0.0013	0.00034	mg/Kg	☼	10/02/25 10:31	10/04/25 10:20	1
Carbon tetrachloride	0.0013	U	0.0013	0.00049	mg/Kg	☼	10/02/25 10:31	10/04/25 10:20	1
Chlorobenzene	0.0013	U	0.0013	0.00064	mg/Kg	☼	10/02/25 10:31	10/04/25 10:20	1
Chlorobromomethane	0.0013	U	0.0013	0.00076	mg/Kg	☼	10/02/25 10:31	10/04/25 10:20	1
Chlorodibromomethane	0.0013	U	0.0013	0.00068	mg/Kg	☼	10/02/25 10:31	10/04/25 10:20	1
Chloroethane	0.0013	U	0.0013	0.00066	mg/Kg	☼	10/02/25 10:31	10/04/25 10:20	1
Chloroform	0.0013	U	0.0013	0.0012	mg/Kg	☼	10/02/25 10:31	10/04/25 10:20	1
Chloromethane	0.0013	U	0.0013	0.00055	mg/Kg	☼	10/02/25 10:31	10/04/25 10:20	1
cis-1,2-Dichloroethene	0.0013	U	0.0013	0.00045	mg/Kg	☼	10/02/25 10:31	10/04/25 10:20	1
cis-1,3-Dichloropropene	0.0013	U	0.0013	0.00035	mg/Kg	☼	10/02/25 10:31	10/04/25 10:20	1
Cyclohexane	0.0013	U	0.0013	0.00028	mg/Kg	☼	10/02/25 10:31	10/04/25 10:20	1
Dichlorobromomethane	0.0013	U	0.0013	0.00033	mg/Kg	☼	10/02/25 10:31	10/04/25 10:20	1
Dichlorodifluoromethane	0.0013	U	0.0013	0.00043	mg/Kg	☼	10/02/25 10:31	10/04/25 10:20	1
Ethylbenzene	0.0013	U	0.0013	0.00059	mg/Kg	☼	10/02/25 10:31	10/04/25 10:20	1
Ethylene Dibromide	0.0013	U	0.0013	0.00064	mg/Kg	☼	10/02/25 10:31	10/04/25 10:20	1
Isopropylbenzene	0.0013	U	0.0013	0.00036	mg/Kg	☼	10/02/25 10:31	10/04/25 10:20	1
Methyl acetate	0.0063	U	0.0063	0.0055	mg/Kg	☼	10/02/25 10:31	10/04/25 10:20	1
Methyl tert-butyl ether	0.0013	U	0.0013	0.00065	mg/Kg	☼	10/02/25 10:31	10/04/25 10:20	1
Methylcyclohexane	0.0013	U	0.0013	0.00063	mg/Kg	☼	10/02/25 10:31	10/04/25 10:20	1
Methylene Chloride	**0.0032**		0.0025	0.0015	mg/Kg	☼	10/02/25 10:31	10/04/25 10:20	1
m-Xylene & p-Xylene	0.0013	U	0.0013	0.00054	mg/Kg	☼	10/02/25 10:31	10/04/25 10:20	1
n-Butylbenzene	0.0013	U	0.0013	0.00037	mg/Kg	☼	10/02/25 10:31	10/04/25 10:20	1
N-Propylbenzene	0.0013	U	0.0013	0.00057	mg/Kg	☼	10/02/25 10:31	10/04/25 10:20	1
o-Xylene	0.0013	U	0.0013	0.00058	mg/Kg	☼	10/02/25 10:31	10/04/25 10:20	1
sec-Butylbenzene	0.0013	U	0.0013	0.00037	mg/Kg	☼	10/02/25 10:31	10/04/25 10:20	1
Styrene	0.0013	U	0.0013	0.00035	mg/Kg	☼	10/02/25 10:31	10/04/25 10:20	1
tert-Butylbenzene	0.0013	U	0.0013	0.00035	mg/Kg	☼	10/02/25 10:31	10/04/25 10:20	1
Tetrachloroethene	0.0013	U	0.0013	0.00039	mg/Kg	☼	10/02/25 10:31	10/04/25 10:20	1
Toluene	0.0013	U	0.0013	0.00030	mg/Kg	☼	10/02/25 10:31	10/04/25 10:20	1
trans-1,2-Dichloroethene	0.0013	U	0.0013	0.00031	mg/Kg	☼	10/02/25 10:31	10/04/25 10:20	1
trans-1,3-Dichloropropene	0.0013	U	0.0013	0.00034	mg/Kg	☼	10/02/25 10:31	10/04/25 10:20	1
Trichloroethene	0.0013	U	0.0013	0.00041	mg/Kg	☼	10/02/25 10:31	10/04/25 10:20	1
Trichlorofluoromethane	0.0013	U	0.0013	0.00051	mg/Kg	☼	10/02/25 10:31	10/04/25 10:20	1
Vinyl chloride	0.0013	U	0.0013	0.00069	mg/Kg	☼	10/02/25 10:31	10/04/25 10:20	1
Xylenes, Total	0.0025	U	0.0025	0.00022	mg/Kg	☼	10/02/25 10:31	10/04/25 10:20	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,2-Dichloroethane-d4 (Surr)	*111*		*65 - 138*	*10/02/25 10:31*	*10/04/25 10:20*	*1*
4-Bromofluorobenzene	*100*		*71 - 128*	*10/02/25 10:31*	*10/04/25 10:20*	*1*
Dibromofluoromethane (Surr)	*113*		*50 - 150*	*10/02/25 10:31*	*10/04/25 10:20*	*1*
Toluene-d8 (Surr)	*96*		*71 - 126*	*10/02/25 10:31*	*10/04/25 10:20*	*1*

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Percent Moisture (EPA Moisture)	**5.1**		1.0	1.0	%			10/02/25 17:24	1
Percent Solids (EPA Moisture)	**94.9**		1.0	1.0	%			10/02/25 17:24	1

Client: Haley & Aldrich, Inc.
Project/Site: Former Port Mobil

Job ID: 460-335975-1

Client Sample ID: 59C3_4-5
Date Collected: 09/29/25 09:20
Date Received: 09/29/25 15:30

Lab Sample ID: 460-335975-33
Matrix: Solid
Percent Solids: 91.1

Method: SW846 8260D - Volatile Organic Compounds by GC/MS

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1-Trichloroethane	0.0011	U	0.0011	0.00025	mg/Kg	☼	10/02/25 10:32	10/04/25 10:47	1
1,1,2,2-Tetrachloroethane	0.0011	U	0.0011	0.00056	mg/Kg	☼	10/02/25 10:32	10/04/25 10:47	1
1,1,2-Trichloro-1,2,2-trifluoroethane	0.0011	U	0.0011	0.00033	mg/Kg	☼	10/02/25 10:32	10/04/25 10:47	1
1,1,2-Trichloroethane	0.0011	U	0.0011	0.00065	mg/Kg	☼	10/02/25 10:32	10/04/25 10:47	1
1,1-Dichloroethane	0.0011	U	0.0011	0.00065	mg/Kg	☼	10/02/25 10:32	10/04/25 10:47	1
1,1-Dichloroethene	0.0011	U	0.0011	0.00024	mg/Kg	☼	10/02/25 10:32	10/04/25 10:47	1
1,2,3-Trichlorobenzene	0.0011	U	0.0011	0.00080	mg/Kg	☼	10/02/25 10:32	10/04/25 10:47	1
1,2,4-Trichlorobenzene	0.0011	U	0.0011	0.00039	mg/Kg	☼	10/02/25 10:32	10/04/25 10:47	1
1,2,4-Trimethylbenzene	0.0011	U	0.0011	0.00027	mg/Kg	☼	10/02/25 10:32	10/04/25 10:47	1
1,2-Dibromo-3-Chloropropane	0.0011	U	0.0011	0.00050	mg/Kg	☼	10/02/25 10:32	10/04/25 10:47	1
1,2-Dichlorobenzene	0.0011	U	0.0011	0.00039	mg/Kg	☼	10/02/25 10:32	10/04/25 10:47	1
1,2-Dichloroethane	0.0011	U	0.0011	0.00032	mg/Kg	☼	10/02/25 10:32	10/04/25 10:47	1
1,2-Dichloropropane	0.0011	U	0.0011	0.00046	mg/Kg	☼	10/02/25 10:32	10/04/25 10:47	1
1,3,5-Trimethylbenzene	0.0011	U	0.0011	0.00034	mg/Kg	☼	10/02/25 10:32	10/04/25 10:47	1
1,3-Dichlorobenzene	0.0011	U	0.0011	0.00039	mg/Kg	☼	10/02/25 10:32	10/04/25 10:47	1
1,4-Dichlorobenzene	0.0011	U	0.0011	0.00056	mg/Kg	☼	10/02/25 10:32	10/04/25 10:47	1
2-Butanone (MEK)	0.0054	U	0.0054	0.00040	mg/Kg	☼	10/02/25 10:32	10/04/25 10:47	1
2-Hexanone	0.0054	U	0.0054	0.0018	mg/Kg	☼	10/02/25 10:32	10/04/25 10:47	1
4-Methyl-2-pentanone (MIBK)	0.0054	U	0.0054	0.0017	mg/Kg	☼	10/02/25 10:32	10/04/25 10:47	1
Acetone	0.0065	U	0.0065	0.0062	mg/Kg	☼	10/02/25 10:32	10/04/25 10:47	1
Benzene	0.0011	U	0.0011	0.00061	mg/Kg	☼	10/02/25 10:32	10/04/25 10:47	1
Bromoform	0.0011	U	0.0011	0.00046	mg/Kg	☼	10/02/25 10:32	10/04/25 10:47	1
Bromomethane	0.0022	U	0.0022	0.0011	mg/Kg	☼	10/02/25 10:32	10/04/25 10:47	1
Carbon disulfide	0.0011	U	0.0011	0.00029	mg/Kg	☼	10/02/25 10:32	10/04/25 10:47	1
Carbon tetrachloride	0.0011	U	0.0011	0.00042	mg/Kg	☼	10/02/25 10:32	10/04/25 10:47	1
Chlorobenzene	0.0011	U	0.0011	0.00055	mg/Kg	☼	10/02/25 10:32	10/04/25 10:47	1
Chlorobromomethane	0.0011	U	0.0011	0.00064	mg/Kg	☼	10/02/25 10:32	10/04/25 10:47	1
Chlorodibromomethane	0.0011	U	0.0011	0.00058	mg/Kg	☼	10/02/25 10:32	10/04/25 10:47	1
Chloroethane	0.0011	U	0.0011	0.00056	mg/Kg	☼	10/02/25 10:32	10/04/25 10:47	1
Chloroform	0.0011	U	0.0011	0.0010	mg/Kg	☼	10/02/25 10:32	10/04/25 10:47	1
Chloromethane	0.0011	U	0.0011	0.00047	mg/Kg	☼	10/02/25 10:32	10/04/25 10:47	1
cis-1,2-Dichloroethene	0.0011	U	0.0011	0.00039	mg/Kg	☼	10/02/25 10:32	10/04/25 10:47	1
cis-1,3-Dichloropropene	0.0011	U	0.0011	0.00029	mg/Kg	☼	10/02/25 10:32	10/04/25 10:47	1
Cyclohexane	0.0011	U	0.0011	0.00024	mg/Kg	☼	10/02/25 10:32	10/04/25 10:47	1
Dichlorobromomethane	0.0011	U	0.0011	0.00028	mg/Kg	☼	10/02/25 10:32	10/04/25 10:47	1
Dichlorodifluoromethane	0.0011	U	0.0011	0.00037	mg/Kg	☼	10/02/25 10:32	10/04/25 10:47	1
Ethylbenzene	0.0011	U	0.0011	0.00051	mg/Kg	☼	10/02/25 10:32	10/04/25 10:47	1
Ethylene Dibromide	0.0011	U	0.0011	0.00054	mg/Kg	☼	10/02/25 10:32	10/04/25 10:47	1
Isopropylbenzene	0.0011	U	0.0011	0.00031	mg/Kg	☼	10/02/25 10:32	10/04/25 10:47	1
Methyl acetate	0.0054	U	0.0054	0.0046	mg/Kg	☼	10/02/25 10:32	10/04/25 10:47	1
Methyl tert-butyl ether	0.0011	U	0.0011	0.00055	mg/Kg	☼	10/02/25 10:32	10/04/25 10:47	1
Methylcyclohexane	0.0011	U	0.0011	0.00054	mg/Kg	☼	10/02/25 10:32	10/04/25 10:47	1
Methylene Chloride	0.0022	U	0.0022	0.0012	mg/Kg	☼	10/02/25 10:32	10/04/25 10:47	1
m-Xylene & p-Xylene	0.0011	U	0.0011	0.00046	mg/Kg	☼	10/02/25 10:32	10/04/25 10:47	1
n-Butylbenzene	0.0011	U	0.0011	0.00032	mg/Kg	☼	10/02/25 10:32	10/04/25 10:47	1
N-Propylbenzene	0.0011	U	0.0011	0.00049	mg/Kg	☼	10/02/25 10:32	10/04/25 10:47	1
o-Xylene	0.0011	U	0.0011	0.00050	mg/Kg	☼	10/02/25 10:32	10/04/25 10:47	1
sec-Butylbenzene	0.0011	U	0.0011	0.00031	mg/Kg	☼	10/02/25 10:32	10/04/25 10:47	1
Styrene	0.0011	U	0.0011	0.00030	mg/Kg	☼	10/02/25 10:32	10/04/25 10:47	1

Client Sample ID: 59C3_4-5

Lab Sample ID: 460-335975-33
Date Collected: 09/29/25 09:20
Matrix: Solid
Date Received: 09/29/25 15:30
Percent Solids: 91.1

Method: SW846 8260D - Volatile Organic Compounds by GC/MS (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
tert-Butylbenzene	0.0011	U	0.0011	0.00030	mg/Kg	☼	10/02/25 10:32	10/04/25 10:47	1
Tetrachloroethene	0.0011	U	0.0011	0.00033	mg/Kg	☼	10/02/25 10:32	10/04/25 10:47	1
Toluene	0.0011	U	0.0011	0.00025	mg/Kg	☼	10/02/25 10:32	10/04/25 10:47	1
trans-1,2-Dichloroethene	0.0011	U	0.0011	0.00027	mg/Kg	☼	10/02/25 10:32	10/04/25 10:47	1
trans-1,3-Dichloropropene	0.0011	U	0.0011	0.00029	mg/Kg	☼	10/02/25 10:32	10/04/25 10:47	1
Trichloroethene	0.0011	U	0.0011	0.00035	mg/Kg	☼	10/02/25 10:32	10/04/25 10:47	1
Trichlorofluoromethane	0.0011	U	0.0011	0.00044	mg/Kg	☼	10/02/25 10:32	10/04/25 10:47	1
Vinyl chloride	0.0011	U	0.0011	0.00059	mg/Kg	☼	10/02/25 10:32	10/04/25 10:47	1
Xylenes, Total	0.0022	U	0.0022	0.00019	mg/Kg	☼	10/02/25 10:32	10/04/25 10:47	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,2-Dichloroethane-d4 (Surr)	*113*		*65 - 138*	*10/02/25 10:32*	*10/04/25 10:47*	*1*
4-Bromofluorobenzene	*98*		*71 - 128*	*10/02/25 10:32*	*10/04/25 10:47*	*1*
Dibromofluoromethane (Surr)	*115*		*50 - 150*	*10/02/25 10:32*	*10/04/25 10:47*	*1*
Toluene-d8 (Surr)	*95*		*71 - 126*	*10/02/25 10:32*	*10/04/25 10:47*	*1*

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Percent Moisture (EPA Moisture)	**8.9**		1.0	1.0	%			10/02/25 17:24	1
Percent Solids (EPA Moisture)	**91.1**		1.0	1.0	%			10/02/25 17:24	1

Client Sample ID: 59C1_5-6

Lab Sample ID: 460-335975-34
Date Collected: 09/29/25 09:25
Matrix: Solid
Date Received: 09/29/25 15:30
Percent Solids: 96.4

Method: SW846 8260D - Volatile Organic Compounds by GC/MS

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1-Trichloroethane	0.0012	U	0.0012	0.00027	mg/Kg	☼	10/02/25 10:32	10/04/25 11:10	1
1,1,2,2-Tetrachloroethane	0.0012	U	0.0012	0.00061	mg/Kg	☼	10/02/25 10:32	10/04/25 11:10	1
1,1,2-Trichloro-1,2,2-trifluoroethane	0.0012	U	0.0012	0.00035	mg/Kg	☼	10/02/25 10:32	10/04/25 11:10	1
1,1,2-Trichloroethane	0.0012	U	0.0012	0.00070	mg/Kg	☼	10/02/25 10:32	10/04/25 11:10	1
1,1-Dichloroethane	0.0012	U	0.0012	0.00070	mg/Kg	☼	10/02/25 10:32	10/04/25 11:10	1
1,1-Dichloroethene	0.0012	U	0.0012	0.00026	mg/Kg	☼	10/02/25 10:32	10/04/25 11:10	1
1,2,3-Trichlorobenzene	0.0012	U	0.0012	0.00086	mg/Kg	☼	10/02/25 10:32	10/04/25 11:10	1
1,2,4-Trichlorobenzene	0.0012	U	0.0012	0.00042	mg/Kg	☼	10/02/25 10:32	10/04/25 11:10	1
1,2,4-Trimethylbenzene	0.0012	U	0.0012	0.00029	mg/Kg	☼	10/02/25 10:32	10/04/25 11:10	1
1,2-Dibromo-3-Chloropropane	0.0012	U	0.0012	0.00054	mg/Kg	☼	10/02/25 10:32	10/04/25 11:10	1
1,2-Dichlorobenzene	0.0012	U	0.0012	0.00042	mg/Kg	☼	10/02/25 10:32	10/04/25 11:10	1
1,2-Dichloroethane	0.0012	U	0.0012	0.00035	mg/Kg	☼	10/02/25 10:32	10/04/25 11:10	1
1,2-Dichloropropane	0.0012	U	0.0012	0.00049	mg/Kg	☼	10/02/25 10:32	10/04/25 11:10	1
1,3,5-Trimethylbenzene	0.0012	U	0.0012	0.00037	mg/Kg	☼	10/02/25 10:32	10/04/25 11:10	1
1,3-Dichlorobenzene	0.0012	U	0.0012	0.00043	mg/Kg	☼	10/02/25 10:32	10/04/25 11:10	1
1,4-Dichlorobenzene	0.0012	U	0.0012	0.00061	mg/Kg	☼	10/02/25 10:32	10/04/25 11:10	1
2-Butanone (MEK)	0.0058	U	0.0058	0.00043	mg/Kg	☼	10/02/25 10:32	10/04/25 11:10	1
2-Hexanone	0.0058	U	0.0058	0.0020	mg/Kg	☼	10/02/25 10:32	10/04/25 11:10	1
4-Methyl-2-pentanone (MIBK)	0.0058	U	0.0058	0.0018	mg/Kg	☼	10/02/25 10:32	10/04/25 11:10	1
Acetone	0.0070	U	0.0070	0.0067	mg/Kg	☼	10/02/25 10:32	10/04/25 11:10	1
Benzene	0.0012	U	0.0012	0.00066	mg/Kg	☼	10/02/25 10:32	10/04/25 11:10	1
Bromoform	0.0012	U	0.0012	0.00050	mg/Kg	☼	10/02/25 10:32	10/04/25 11:10	1
Bromomethane	0.0023	U	0.0023	0.0012	mg/Kg	☼	10/02/25 10:32	10/04/25 11:10	1

Client Sample ID: 59C1_5-6
Date Collected: 09/29/25 09:25
Date Received: 09/29/25 15:30

Lab Sample ID: 460-335975-34
Matrix: Solid
Percent Solids: 96.4

Method: SW846 8260D - Volatile Organic Compounds by GC/MS (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Carbon disulfide	0.0012	U	0.0012	0.00031	mg/Kg	☼	10/02/25 10:32	10/04/25 11:10	1
Carbon tetrachloride	0.0012	U	0.0012	0.00045	mg/Kg	☼	10/02/25 10:32	10/04/25 11:10	1
Chlorobenzene	0.0012	U	0.0012	0.00059	mg/Kg	☼	10/02/25 10:32	10/04/25 11:10	1
Chlorobromomethane	0.0012	U	0.0012	0.00070	mg/Kg	☼	10/02/25 10:32	10/04/25 11:10	1
Chlorodibromomethane	0.0012	U	0.0012	0.00063	mg/Kg	☼	10/02/25 10:32	10/04/25 11:10	1
Chloroethane	0.0012	U	0.0012	0.00061	mg/Kg	☼	10/02/25 10:32	10/04/25 11:10	1
Chloroform	0.0012	U	0.0012	0.0011	mg/Kg	☼	10/02/25 10:32	10/04/25 11:10	1
Chloromethane	0.0012	U	0.0012	0.00051	mg/Kg	☼	10/02/25 10:32	10/04/25 11:10	1
cis-1,2-Dichloroethene	0.0012	U	0.0012	0.00042	mg/Kg	☼	10/02/25 10:32	10/04/25 11:10	1
cis-1,3-Dichloropropene	0.0012	U	0.0012	0.00032	mg/Kg	☼	10/02/25 10:32	10/04/25 11:10	1
Cyclohexane	0.0012	U	0.0012	0.00026	mg/Kg	☼	10/02/25 10:32	10/04/25 11:10	1
Dichlorobromomethane	0.0012	U	0.0012	0.00030	mg/Kg	☼	10/02/25 10:32	10/04/25 11:10	1
Dichlorodifluoromethane	0.0012	U	0.0012	0.00039	mg/Kg	☼	10/02/25 10:32	10/04/25 11:10	1
Ethylbenzene	0.0012	U	0.0012	0.00055	mg/Kg	☼	10/02/25 10:32	10/04/25 11:10	1
Ethylene Dibromide	0.0012	U	0.0012	0.00059	mg/Kg	☼	10/02/25 10:32	10/04/25 11:10	1
Isopropylbenzene	0.0012	U	0.0012	0.00033	mg/Kg	☼	10/02/25 10:32	10/04/25 11:10	1
Methyl acetate	0.0058	U	0.0058	0.0050	mg/Kg	☼	10/02/25 10:32	10/04/25 11:10	1
Methyl tert-butyl ether	0.0012	U	0.0012	0.00060	mg/Kg	☼	10/02/25 10:32	10/04/25 11:10	1
Methylcyclohexane	0.0012	U	0.0012	0.00058	mg/Kg	☼	10/02/25 10:32	10/04/25 11:10	1
Methylene Chloride	**0.0024**		0.0023	0.0013	mg/Kg	☼	10/02/25 10:32	10/04/25 11:10	1
m-Xylene & p-Xylene	0.0012	U	0.0012	0.00049	mg/Kg	☼	10/02/25 10:32	10/04/25 11:10	1
n-Butylbenzene	0.0012	U	0.0012	0.00034	mg/Kg	☼	10/02/25 10:32	10/04/25 11:10	1
N-Propylbenzene	0.0012	U	0.0012	0.00052	mg/Kg	☼	10/02/25 10:32	10/04/25 11:10	1
o-Xylene	0.0012	U	0.0012	0.00054	mg/Kg	☼	10/02/25 10:32	10/04/25 11:10	1
sec-Butylbenzene	0.0012	U	0.0012	0.00034	mg/Kg	☼	10/02/25 10:32	10/04/25 11:10	1
Styrene	0.0012	U	0.0012	0.00032	mg/Kg	☼	10/02/25 10:32	10/04/25 11:10	1
tert-Butylbenzene	0.0012	U	0.0012	0.00032	mg/Kg	☼	10/02/25 10:32	10/04/25 11:10	1
Tetrachloroethene	0.0012	U	0.0012	0.00036	mg/Kg	☼	10/02/25 10:32	10/04/25 11:10	1
Toluene	0.0012	U	0.0012	0.00027	mg/Kg	☼	10/02/25 10:32	10/04/25 11:10	1
trans-1,2-Dichloroethene	0.0012	U	0.0012	0.00029	mg/Kg	☼	10/02/25 10:32	10/04/25 11:10	1
trans-1,3-Dichloropropene	0.0012	U	0.0012	0.00031	mg/Kg	☼	10/02/25 10:32	10/04/25 11:10	1
Trichloroethene	0.0012	U	0.0012	0.00037	mg/Kg	☼	10/02/25 10:32	10/04/25 11:10	1
Trichlorofluoromethane	0.0012	U	0.0012	0.00047	mg/Kg	☼	10/02/25 10:32	10/04/25 11:10	1
Vinyl chloride	0.0012	U	0.0012	0.00064	mg/Kg	☼	10/02/25 10:32	10/04/25 11:10	1
Xylenes, Total	0.0023	U	0.0023	0.00020	mg/Kg	☼	10/02/25 10:32	10/04/25 11:10	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,2-Dichloroethane-d4 (Surr)	*111*		*65 - 138*	*10/02/25 10:32*	*10/04/25 11:10*	*1*
4-Bromofluorobenzene	*99*		*71 - 128*	*10/02/25 10:32*	*10/04/25 11:10*	*1*
Dibromofluoromethane (Surr)	*117*		*50 - 150*	*10/02/25 10:32*	*10/04/25 11:10*	*1*
Toluene-d8 (Surr)	*96*		*71 - 126*	*10/02/25 10:32*	*10/04/25 11:10*	*1*

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Percent Moisture (EPA Moisture)	**3.6**		1.0	1.0	%			10/02/25 17:24	1
Percent Solids (EPA Moisture)	**96.4**		1.0	1.0	%			10/02/25 17:24	1

Client: Haley & Aldrich, Inc.
Project/Site: Former Port Mobil

Job ID: 460-335975-1

Client Sample ID: 59C2_6-7
Date Collected: 09/29/25 09:30
Date Received: 09/29/25 15:30

Lab Sample ID: 460-335975-35
Matrix: Solid
Percent Solids: 96.6

Method: SW846 8260D - Volatile Organic Compounds by GC/MS

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1-Trichloroethane	0.00095	U	0.00095	0.00022	mg/Kg	☼	10/02/25 10:32	10/06/25 01:42	1
1,1,2,2-Tetrachloroethane	0.00095	U	0.00095	0.00049	mg/Kg	☼	10/02/25 10:32	10/06/25 01:42	1
1,1,2-Trichloro-1,2,2-trifluoroethane	0.00095	U	0.00095	0.00028	mg/Kg	☼	10/02/25 10:32	10/06/25 01:42	1
1,1,2-Trichloroethane	0.00095	U	0.00095	0.00057	mg/Kg	☼	10/02/25 10:32	10/06/25 01:42	1
1,1-Dichloroethane	0.00095	U	0.00095	0.00056	mg/Kg	☼	10/02/25 10:32	10/06/25 01:42	1
1,1-Dichloroethene	0.00095	U	0.00095	0.00021	mg/Kg	☼	10/02/25 10:32	10/06/25 01:42	1
1,2,3-Trichlorobenzene	0.00095	U	0.00095	0.00070	mg/Kg	☼	10/02/25 10:32	10/06/25 01:42	1
1,2,4-Trichlorobenzene	0.00095	U	0.00095	0.00034	mg/Kg	☼	10/02/25 10:32	10/06/25 01:42	1
1,2,4-Trimethylbenzene	0.00095	U	0.00095	0.00023	mg/Kg	☼	10/02/25 10:32	10/06/25 01:42	1
1,2-Dibromo-3-Chloropropane	0.00095	U	0.00095	0.00044	mg/Kg	☼	10/02/25 10:32	10/06/25 01:42	1
1,2-Dichlorobenzene	0.00095	U	0.00095	0.00034	mg/Kg	☼	10/02/25 10:32	10/06/25 01:42	1
1,2-Dichloroethane	0.00095	U	0.00095	0.00028	mg/Kg	☼	10/02/25 10:32	10/06/25 01:42	1
1,2-Dichloropropane	0.00095	U	0.00095	0.00040	mg/Kg	☼	10/02/25 10:32	10/06/25 01:42	1
1,3,5-Trimethylbenzene	0.00095	U	0.00095	0.00030	mg/Kg	☼	10/02/25 10:32	10/06/25 01:42	1
1,3-Dichlorobenzene	0.00095	U	0.00095	0.00035	mg/Kg	☼	10/02/25 10:32	10/06/25 01:42	1
1,4-Dichlorobenzene	0.00095	U	0.00095	0.00049	mg/Kg	☼	10/02/25 10:32	10/06/25 01:42	1
2-Butanone (MEK)	0.0047	U	0.0047	0.00035	mg/Kg	☼	10/02/25 10:32	10/06/25 01:42	1
2-Hexanone	0.0047	U	0.0047	0.0016	mg/Kg	☼	10/02/25 10:32	10/06/25 01:42	1
4-Methyl-2-pentanone (MIBK)	0.0047	U	0.0047	0.0015	mg/Kg	☼	10/02/25 10:32	10/06/25 01:42	1
Acetone	0.0057	U	0.0057	0.0054	mg/Kg	☼	10/02/25 10:32	10/06/25 01:42	1
Benzene	0.00095	U	0.00095	0.00054	mg/Kg	☼	10/02/25 10:32	10/06/25 01:42	1
Bromoform	0.00095	U	0.00095	0.00040	mg/Kg	☼	10/02/25 10:32	10/06/25 01:42	1
Bromomethane	0.0019	U	0.0019	0.00095	mg/Kg	☼	10/02/25 10:32	10/06/25 01:42	1
Carbon disulfide	0.00095	U	0.00095	0.00025	mg/Kg	☼	10/02/25 10:32	10/06/25 01:42	1
Carbon tetrachloride	0.00095	U	0.00095	0.00037	mg/Kg	☼	10/02/25 10:32	10/06/25 01:42	1
Chlorobenzene	0.00095	U	0.00095	0.00048	mg/Kg	☼	10/02/25 10:32	10/06/25 01:42	1
Chlorobromomethane	0.00095	U	0.00095	0.00056	mg/Kg	☼	10/02/25 10:32	10/06/25 01:42	1
Chlorodibromomethane	0.00095	U	0.00095	0.00051	mg/Kg	☼	10/02/25 10:32	10/06/25 01:42	1
Chloroethane	0.00095	U	0.00095	0.00049	mg/Kg	☼	10/02/25 10:32	10/06/25 01:42	1
Chloroform	0.00095	U	0.00095	0.00092	mg/Kg	☼	10/02/25 10:32	10/06/25 01:42	1
Chloromethane	0.00095	U	0.00095	0.00041	mg/Kg	☼	10/02/25 10:32	10/06/25 01:42	1
cis-1,2-Dichloroethene	0.00095	U	0.00095	0.00034	mg/Kg	☼	10/02/25 10:32	10/06/25 01:42	1
cis-1,3-Dichloropropene	0.00095	U	0.00095	0.00026	mg/Kg	☼	10/02/25 10:32	10/06/25 01:42	1
Cyclohexane	0.00095	U	0.00095	0.00021	mg/Kg	☼	10/02/25 10:32	10/06/25 01:42	1
Dichlorobromomethane	0.00095	U	0.00095	0.00024	mg/Kg	☼	10/02/25 10:32	10/06/25 01:42	1
Dichlorodifluoromethane	0.00095	U	0.00095	0.00032	mg/Kg	☼	10/02/25 10:32	10/06/25 01:42	1
Ethylbenzene	0.00095	U	0.00095	0.00044	mg/Kg	☼	10/02/25 10:32	10/06/25 01:42	1
Ethylene Dibromide	0.00095	U	0.00095	0.00048	mg/Kg	☼	10/02/25 10:32	10/06/25 01:42	1
Isopropylbenzene	0.00095	U	0.00095	0.00027	mg/Kg	☼	10/02/25 10:32	10/06/25 01:42	1
Methyl acetate	0.0047	U	0.0047	0.0041	mg/Kg	☼	10/02/25 10:32	10/06/25 01:42	1
Methyl tert-butyl ether	0.00095	U	0.00095	0.00048	mg/Kg	☼	10/02/25 10:32	10/06/25 01:42	1
Methylcyclohexane	0.00095	U	0.00095	0.00047	mg/Kg	☼	10/02/25 10:32	10/06/25 01:42	1
Methylene Chloride	**0.0013**	**J**	0.0019	0.0011	mg/Kg	☼	10/02/25 10:32	10/06/25 01:42	1
m-Xylene & p-Xylene	0.00095	U	0.00095	0.00040	mg/Kg	☼	10/02/25 10:32	10/06/25 01:42	1
n-Butylbenzene	0.00095	U	0.00095	0.00028	mg/Kg	☼	10/02/25 10:32	10/06/25 01:42	1
N-Propylbenzene	0.00095	U	0.00095	0.00042	mg/Kg	☼	10/02/25 10:32	10/06/25 01:42	1
o-Xylene	0.00095	U	0.00095	0.00044	mg/Kg	☼	10/02/25 10:32	10/06/25 01:42	1
sec-Butylbenzene	0.00095	U	0.00095	0.00027	mg/Kg	☼	10/02/25 10:32	10/06/25 01:42	1
Styrene	0.00095	U	0.00095	0.00026	mg/Kg	☼	10/02/25 10:32	10/06/25 01:42	1

Client Sample ID: 59C2_6-7

Lab Sample ID: 460-335975-35
Date Collected: 09/29/25 09:30
Matrix: Solid
Date Received: 09/29/25 15:30
Percent Solids: 96.6

Method: SW846 8260D - Volatile Organic Compounds by GC/MS (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
tert-Butylbenzene	0.00095	U	0.00095	0.00026	mg/Kg	☼	10/02/25 10:32	10/06/25 01:42	1
Tetrachloroethene	0.00095	U	0.00095	0.00029	mg/Kg	☼	10/02/25 10:32	10/06/25 01:42	1
Toluene	0.00095	U	0.00095	0.00022	mg/Kg	☼	10/02/25 10:32	10/06/25 01:42	1
trans-1,2-Dichloroethene	0.00095	U	0.00095	0.00023	mg/Kg	☼	10/02/25 10:32	10/06/25 01:42	1
trans-1,3-Dichloropropene	0.00095	U	0.00095	0.00025	mg/Kg	☼	10/02/25 10:32	10/06/25 01:42	1
Trichloroethene	0.00095	U	0.00095	0.00030	mg/Kg	☼	10/02/25 10:32	10/06/25 01:42	1
Trichlorofluoromethane	0.00095	U	0.00095	0.00038	mg/Kg	☼	10/02/25 10:32	10/06/25 01:42	1
Vinyl chloride	0.00095	U	0.00095	0.00052	mg/Kg	☼	10/02/25 10:32	10/06/25 01:42	1
Xylenes, Total	0.0019	U	0.0019	0.00016	mg/Kg	☼	10/02/25 10:32	10/06/25 01:42	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,2-Dichloroethane-d4 (Surr)	*100*		*65 - 138*	*10/02/25 10:32*	*10/06/25 01:42*	*1*
4-Bromofluorobenzene	*99*		*71 - 128*	*10/02/25 10:32*	*10/06/25 01:42*	*1*
Dibromofluoromethane (Surr)	*96*		*50 - 150*	*10/02/25 10:32*	*10/06/25 01:42*	*1*
Toluene-d8 (Surr)	*101*		*71 - 126*	*10/02/25 10:32*	*10/06/25 01:42*	*1*

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Percent Moisture (EPA Moisture)	**3.4**		1.0	1.0	%			10/02/25 17:24	1
Percent Solids (EPA Moisture)	**96.6**		1.0	1.0	%			10/02/25 17:24	1

Client Sample ID: 59C3_8-9

Lab Sample ID: 460-335975-36
Date Collected: 09/29/25 09:35
Matrix: Solid
Date Received: 09/29/25 15:30
Percent Solids: 94.8

Method: SW846 8260D - Volatile Organic Compounds by GC/MS

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1-Trichloroethane	0.0011	U	0.0011	0.00025	mg/Kg	☼	10/02/25 10:33	10/04/25 11:57	1
1,1,2,2-Tetrachloroethane	0.0011	U	0.0011	0.00056	mg/Kg	☼	10/02/25 10:33	10/04/25 11:57	1
1,1,2-Trichloro-1,2,2-trifluoroethane	0.0011	U	0.0011	0.00032	mg/Kg	☼	10/02/25 10:33	10/04/25 11:57	1
1,1,2-Trichloroethane	0.0011	U	0.0011	0.00064	mg/Kg	☼	10/02/25 10:33	10/04/25 11:57	1
1,1-Dichloroethane	0.0011	U	0.0011	0.00064	mg/Kg	☼	10/02/25 10:33	10/04/25 11:57	1
1,1-Dichloroethene	0.0011	U	0.0011	0.00024	mg/Kg	☼	10/02/25 10:33	10/04/25 11:57	1
1,2,3-Trichlorobenzene	0.0011	U	0.0011	0.00079	mg/Kg	☼	10/02/25 10:33	10/04/25 11:57	1
1,2,4-Trichlorobenzene	0.0011	U	0.0011	0.00038	mg/Kg	☼	10/02/25 10:33	10/04/25 11:57	1
1,2,4-Trimethylbenzene	0.0011	U	0.0011	0.00026	mg/Kg	☼	10/02/25 10:33	10/04/25 11:57	1
1,2-Dibromo-3-Chloropropane	0.0011	U	0.0011	0.00049	mg/Kg	☼	10/02/25 10:33	10/04/25 11:57	1
1,2-Dichlorobenzene	0.0011	U	0.0011	0.00039	mg/Kg	☼	10/02/25 10:33	10/04/25 11:57	1
1,2-Dichloroethane	0.0011	U	0.0011	0.00032	mg/Kg	☼	10/02/25 10:33	10/04/25 11:57	1
1,2-Dichloropropane	0.0011	U	0.0011	0.00045	mg/Kg	☼	10/02/25 10:33	10/04/25 11:57	1
1,3,5-Trimethylbenzene	0.0011	U	0.0011	0.00034	mg/Kg	☼	10/02/25 10:33	10/04/25 11:57	1
1,3-Dichlorobenzene	0.0011	U	0.0011	0.00039	mg/Kg	☼	10/02/25 10:33	10/04/25 11:57	1
1,4-Dichlorobenzene	0.0011	U	0.0011	0.00056	mg/Kg	☼	10/02/25 10:33	10/04/25 11:57	1
2-Butanone (MEK)	0.0054	U	0.0054	0.00039	mg/Kg	☼	10/02/25 10:33	10/04/25 11:57	1
2-Hexanone	0.0054	U	0.0054	0.0018	mg/Kg	☼	10/02/25 10:33	10/04/25 11:57	1
4-Methyl-2-pentanone (MIBK)	0.0054	U	0.0054	0.0017	mg/Kg	☼	10/02/25 10:33	10/04/25 11:57	1
Acetone	0.0064	U	0.0064	0.0061	mg/Kg	☼	10/02/25 10:33	10/04/25 11:57	1
Benzene	0.0011	U	0.0011	0.00061	mg/Kg	☼	10/02/25 10:33	10/04/25 11:57	1
Bromoform	0.0011	U	0.0011	0.00046	mg/Kg	☼	10/02/25 10:33	10/04/25 11:57	1
Bromomethane	0.0021	U	0.0021	0.0011	mg/Kg	☼	10/02/25 10:33	10/04/25 11:57	1

Client Sample ID: 59C3_8-9
Date Collected: 09/29/25 09:35
Date Received: 09/29/25 15:30

Lab Sample ID: 460-335975-36
Matrix: Solid
Percent Solids: 94.8

Method: SW846 8260D - Volatile Organic Compounds by GC/MS (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Carbon disulfide	0.0011	U	0.0011	0.00029	mg/Kg	☼	10/02/25 10:33	10/04/25 11:57	1
Carbon tetrachloride	0.0011	U	0.0011	0.00042	mg/Kg	☼	10/02/25 10:33	10/04/25 11:57	1
Chlorobenzene	0.0011	U	0.0011	0.00054	mg/Kg	☼	10/02/25 10:33	10/04/25 11:57	1
Chlorobromomethane	0.0011	U	0.0011	0.00064	mg/Kg	☼	10/02/25 10:33	10/04/25 11:57	1
Chlorodibromomethane	0.0011	U	0.0011	0.00058	mg/Kg	☼	10/02/25 10:33	10/04/25 11:57	1
Chloroethane	0.0011	U	0.0011	0.00056	mg/Kg	☼	10/02/25 10:33	10/04/25 11:57	1
Chloroform	0.0011	U	0.0011	0.0010	mg/Kg	☼	10/02/25 10:33	10/04/25 11:57	1
Chloromethane	0.0011	U	0.0011	0.00047	mg/Kg	☼	10/02/25 10:33	10/04/25 11:57	1
cis-1,2-Dichloroethene	0.0011	U	0.0011	0.00038	mg/Kg	☼	10/02/25 10:33	10/04/25 11:57	1
cis-1,3-Dichloropropene	0.0011	U	0.0011	0.00029	mg/Kg	☼	10/02/25 10:33	10/04/25 11:57	1
Cyclohexane	0.0011	U	0.0011	0.00024	mg/Kg	☼	10/02/25 10:33	10/04/25 11:57	1
Dichlorobromomethane	0.0011	U	0.0011	0.00028	mg/Kg	☼	10/02/25 10:33	10/04/25 11:57	1
Dichlorodifluoromethane	0.0011	U	0.0011	0.00036	mg/Kg	☼	10/02/25 10:33	10/04/25 11:57	1
Ethylbenzene	0.0011	U	0.0011	0.00050	mg/Kg	☼	10/02/25 10:33	10/04/25 11:57	1
Ethylene Dibromide	0.0011	U	0.0011	0.00054	mg/Kg	☼	10/02/25 10:33	10/04/25 11:57	1
Isopropylbenzene	0.0011	U	0.0011	0.00031	mg/Kg	☼	10/02/25 10:33	10/04/25 11:57	1
Methyl acetate	0.0054	U	0.0054	0.0046	mg/Kg	☼	10/02/25 10:33	10/04/25 11:57	1
Methyl tert-butyl ether	0.0011	U	0.0011	0.00055	mg/Kg	☼	10/02/25 10:33	10/04/25 11:57	1
Methylcyclohexane	0.0011	U	0.0011	0.00054	mg/Kg	☼	10/02/25 10:33	10/04/25 11:57	1
Methylene Chloride	**0.0012**	**J**	0.0021	0.0012	mg/Kg	☼	10/02/25 10:33	10/04/25 11:57	1
m-Xylene & p-Xylene	0.0011	U	0.0011	0.00045	mg/Kg	☼	10/02/25 10:33	10/04/25 11:57	1
n-Butylbenzene	0.0011	U	0.0011	0.00032	mg/Kg	☼	10/02/25 10:33	10/04/25 11:57	1
N-Propylbenzene	0.0011	U	0.0011	0.00048	mg/Kg	☼	10/02/25 10:33	10/04/25 11:57	1
o-Xylene	0.0011	U	0.0011	0.00049	mg/Kg	☼	10/02/25 10:33	10/04/25 11:57	1
sec-Butylbenzene	0.0011	U	0.0011	0.00031	mg/Kg	☼	10/02/25 10:33	10/04/25 11:57	1
Styrene	0.0011	U	0.0011	0.00030	mg/Kg	☼	10/02/25 10:33	10/04/25 11:57	1
tert-Butylbenzene	0.0011	U	0.0011	0.00030	mg/Kg	☼	10/02/25 10:33	10/04/25 11:57	1
Tetrachloroethene	0.0011	U	0.0011	0.00033	mg/Kg	☼	10/02/25 10:33	10/04/25 11:57	1
Toluene	0.0011	U	0.0011	0.00025	mg/Kg	☼	10/02/25 10:33	10/04/25 11:57	1
trans-1,2-Dichloroethene	0.0011	U	0.0011	0.00026	mg/Kg	☼	10/02/25 10:33	10/04/25 11:57	1
trans-1,3-Dichloropropene	0.0011	U	0.0011	0.00029	mg/Kg	☼	10/02/25 10:33	10/04/25 11:57	1
Trichloroethene	0.0011	U	0.0011	0.00034	mg/Kg	☼	10/02/25 10:33	10/04/25 11:57	1
Trichlorofluoromethane	0.0011	U	0.0011	0.00044	mg/Kg	☼	10/02/25 10:33	10/04/25 11:57	1
Vinyl chloride	0.0011	U	0.0011	0.00059	mg/Kg	☼	10/02/25 10:33	10/04/25 11:57	1
Xylenes, Total	0.0021	U	0.0021	0.00019	mg/Kg	☼	10/02/25 10:33	10/04/25 11:57	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,2-Dichloroethane-d4 (Surr)	*116*		*65 - 138*	*10/02/25 10:33*	*10/04/25 11:57*	*1*
4-Bromofluorobenzene	*100*		*71 - 128*	*10/02/25 10:33*	*10/04/25 11:57*	*1*
Dibromofluoromethane (Surr)	*116*		*50 - 150*	*10/02/25 10:33*	*10/04/25 11:57*	*1*
Toluene-d8 (Surr)	*95*		*71 - 126*	*10/02/25 10:33*	*10/04/25 11:57*	*1*

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Percent Moisture (EPA Moisture)	**5.2**		1.0	1.0	%			10/02/25 17:24	1
Percent Solids (EPA Moisture)	**94.8**		1.0	1.0	%			10/02/25 17:24	1

Client: Haley & Aldrich, Inc.
Project/Site: Former Port Mobil

Job ID: 460-335975-1

Client Sample ID: 59C1_9-10
Date Collected: 09/29/25 09:40
Date Received: 09/29/25 15:30

Lab Sample ID: 460-335975-37
Matrix: Solid
Percent Solids: 90.1

Method: SW846 8260D - Volatile Organic Compounds by GC/MS

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1-Trichloroethane	0.00093	U	0.00093	0.00022	mg/Kg	☼	10/02/25 10:33	10/04/25 12:20	1
1,1,2,2-Tetrachloroethane	0.00093	U	0.00093	0.00049	mg/Kg	☼	10/02/25 10:33	10/04/25 12:20	1
1,1,2-Trichloro-1,2,2-trifluoroethane	0.00093	U	0.00093	0.00028	mg/Kg	☼	10/02/25 10:33	10/04/25 12:20	1
1,1,2-Trichloroethane	0.00093	U	0.00093	0.00056	mg/Kg	☼	10/02/25 10:33	10/04/25 12:20	1
1,1-Dichloroethane	0.00093	U	0.00093	0.00056	mg/Kg	☼	10/02/25 10:33	10/04/25 12:20	1
1,1-Dichloroethene	0.00093	U	0.00093	0.00021	mg/Kg	☼	10/02/25 10:33	10/04/25 12:20	1
1,2,3-Trichlorobenzene	0.00093	U	0.00093	0.00069	mg/Kg	☼	10/02/25 10:33	10/04/25 12:20	1
1,2,4-Trichlorobenzene	0.00093	U	0.00093	0.00033	mg/Kg	☼	10/02/25 10:33	10/04/25 12:20	1
1,2,4-Trimethylbenzene	0.00093	U	0.00093	0.00023	mg/Kg	☼	10/02/25 10:33	10/04/25 12:20	1
1,2-Dibromo-3-Chloropropane	0.00093	U	0.00093	0.00043	mg/Kg	☼	10/02/25 10:33	10/04/25 12:20	1
1,2-Dichlorobenzene	0.00093	U	0.00093	0.00034	mg/Kg	☼	10/02/25 10:33	10/04/25 12:20	1
1,2-Dichloroethane	0.00093	U	0.00093	0.00028	mg/Kg	☼	10/02/25 10:33	10/04/25 12:20	1
1,2-Dichloropropane	0.00093	U	0.00093	0.00039	mg/Kg	☼	10/02/25 10:33	10/04/25 12:20	1
1,3,5-Trimethylbenzene	0.00093	U	0.00093	0.00029	mg/Kg	☼	10/02/25 10:33	10/04/25 12:20	1
1,3-Dichlorobenzene	0.00093	U	0.00093	0.00034	mg/Kg	☼	10/02/25 10:33	10/04/25 12:20	1
1,4-Dichlorobenzene	0.00093	U	0.00093	0.00048	mg/Kg	☼	10/02/25 10:33	10/04/25 12:20	1
2-Butanone (MEK)	0.0047	U	0.0047	0.00034	mg/Kg	☼	10/02/25 10:33	10/04/25 12:20	1
2-Hexanone	0.0047	U	0.0047	0.0016	mg/Kg	☼	10/02/25 10:33	10/04/25 12:20	1
4-Methyl-2-pentanone (MIBK)	0.0047	U	0.0047	0.0015	mg/Kg	☼	10/02/25 10:33	10/04/25 12:20	1
Acetone	0.0056	U	0.0056	0.0053	mg/Kg	☼	10/02/25 10:33	10/04/25 12:20	1
Benzene	0.00093	U	0.00093	0.00053	mg/Kg	☼	10/02/25 10:33	10/04/25 12:20	1
Bromoform	0.00093	U	0.00093	0.00040	mg/Kg	☼	10/02/25 10:33	10/04/25 12:20	1
Bromomethane	0.0019	U	0.0019	0.00093	mg/Kg	☼	10/02/25 10:33	10/04/25 12:20	1
Carbon disulfide	0.00093	U	0.00093	0.00025	mg/Kg	☼	10/02/25 10:33	10/04/25 12:20	1
Carbon tetrachloride	0.00093	U	0.00093	0.00036	mg/Kg	☼	10/02/25 10:33	10/04/25 12:20	1
Chlorobenzene	0.00093	U	0.00093	0.00047	mg/Kg	☼	10/02/25 10:33	10/04/25 12:20	1
Chlorobromomethane	0.00093	U	0.00093	0.00056	mg/Kg	☼	10/02/25 10:33	10/04/25 12:20	1
Chlorodibromomethane	0.00093	U	0.00093	0.00050	mg/Kg	☼	10/02/25 10:33	10/04/25 12:20	1
Chloroethane	0.00093	U	0.00093	0.00049	mg/Kg	☼	10/02/25 10:33	10/04/25 12:20	1
Chloroform	0.00093	U	0.00093	0.00091	mg/Kg	☼	10/02/25 10:33	10/04/25 12:20	1
Chloromethane	0.00093	U	0.00093	0.00041	mg/Kg	☼	10/02/25 10:33	10/04/25 12:20	1
cis-1,2-Dichloroethene	0.00093	U	0.00093	0.00033	mg/Kg	☼	10/02/25 10:33	10/04/25 12:20	1
cis-1,3-Dichloropropene	0.00093	U	0.00093	0.00025	mg/Kg	☼	10/02/25 10:33	10/04/25 12:20	1
Cyclohexane	0.00093	U	0.00093	0.00021	mg/Kg	☼	10/02/25 10:33	10/04/25 12:20	1
Dichlorobromomethane	0.00093	U	0.00093	0.00024	mg/Kg	☼	10/02/25 10:33	10/04/25 12:20	1
Dichlorodifluoromethane	0.00093	U	0.00093	0.00032	mg/Kg	☼	10/02/25 10:33	10/04/25 12:20	1
Ethylbenzene	0.00093	U	0.00093	0.00044	mg/Kg	☼	10/02/25 10:33	10/04/25 12:20	1
Ethylene Dibromide	0.00093	U	0.00093	0.00047	mg/Kg	☼	10/02/25 10:33	10/04/25 12:20	1
Isopropylbenzene	0.00093	U	0.00093	0.00027	mg/Kg	☼	10/02/25 10:33	10/04/25 12:20	1
Methyl acetate	0.0047	U	0.0047	0.0040	mg/Kg	☼	10/02/25 10:33	10/04/25 12:20	1
Methyl tert-butyl ether	0.00093	U	0.00093	0.00048	mg/Kg	☼	10/02/25 10:33	10/04/25 12:20	1
Methylcyclohexane	0.00093	U	0.00093	0.00047	mg/Kg	☼	10/02/25 10:33	10/04/25 12:20	1
Methylene Chloride	**0.0020**		0.0019	0.0011	mg/Kg	☼	10/02/25 10:33	10/04/25 12:20	1
m-Xylene & p-Xylene	0.00093	U	0.00093	0.00039	mg/Kg	☼	10/02/25 10:33	10/04/25 12:20	1
n-Butylbenzene	0.00093	U	0.00093	0.00027	mg/Kg	☼	10/02/25 10:33	10/04/25 12:20	1
N-Propylbenzene	0.00093	U	0.00093	0.00042	mg/Kg	☼	10/02/25 10:33	10/04/25 12:20	1
o-Xylene	0.00093	U	0.00093	0.00043	mg/Kg	☼	10/02/25 10:33	10/04/25 12:20	1
sec-Butylbenzene	0.00093	U	0.00093	0.00027	mg/Kg	☼	10/02/25 10:33	10/04/25 12:20	1
Styrene	0.00093	U	0.00093	0.00026	mg/Kg	☼	10/02/25 10:33	10/04/25 12:20	1

Client Sample ID: 59C1_9-10

Lab Sample ID: 460-335975-37

Date Collected: 09/29/25 09:40

Matrix: Solid

Date Received: 09/29/25 15:30

Percent Solids: 90.1

Method: SW846 8260D - Volatile Organic Compounds by GC/MS (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
tert-Butylbenzene	0.00093	U	0.00093	0.00026	mg/Kg	☼	10/02/25 10:33	10/04/25 12:20	1
Tetrachloroethene	0.00093	U	0.00093	0.00028	mg/Kg	☼	10/02/25 10:33	10/04/25 12:20	1
Toluene	0.00093	U	0.00093	0.00022	mg/Kg	☼	10/02/25 10:33	10/04/25 12:20	1
trans-1,2-Dichloroethene	0.00093	U	0.00093	0.00023	mg/Kg	☼	10/02/25 10:33	10/04/25 12:20	1
trans-1,3-Dichloropropene	0.00093	U	0.00093	0.00025	mg/Kg	☼	10/02/25 10:33	10/04/25 12:20	1
Trichloroethene	0.00093	U	0.00093	0.00030	mg/Kg	☼	10/02/25 10:33	10/04/25 12:20	1
Trichlorofluoromethane	0.00093	U	0.00093	0.00038	mg/Kg	☼	10/02/25 10:33	10/04/25 12:20	1
Vinyl chloride	0.00093	U	0.00093	0.00051	mg/Kg	☼	10/02/25 10:33	10/04/25 12:20	1
Xylenes, Total	0.0019	U	0.0019	0.00016	mg/Kg	☼	10/02/25 10:33	10/04/25 12:20	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,2-Dichloroethane-d4 (Surr)	*115*		*65 - 138*	*10/02/25 10:33*	*10/04/25 12:20*	*1*
4-Bromofluorobenzene	*100*		*71 - 128*	*10/02/25 10:33*	*10/04/25 12:20*	*1*
Dibromofluoromethane (Surr)	*113*		*50 - 150*	*10/02/25 10:33*	*10/04/25 12:20*	*1*
Toluene-d8 (Surr)	*96*		*71 - 126*	*10/02/25 10:33*	*10/04/25 12:20*	*1*

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Percent Moisture (EPA Moisture)	**9.9**		1.0	1.0	%			10/02/25 17:24	1
Percent Solids (EPA Moisture)	**90.1**		1.0	1.0	%			10/02/25 17:24	1

Client Sample ID: 59D1_1-2

Lab Sample ID: 460-335975-38

Date Collected: 09/29/25 09:45

Matrix: Solid

Date Received: 09/29/25 15:30

Percent Solids: 93.3

Method: SW846 8260D - Volatile Organic Compounds by GC/MS

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1-Trichloroethane	0.00083	U	0.00083	0.00019	mg/Kg	☼	10/02/25 10:33	10/04/25 12:43	1
1,1,2,2-Tetrachloroethane	0.00083	U	0.00083	0.00043	mg/Kg	☼	10/02/25 10:33	10/04/25 12:43	1
1,1,2-Trichloro-1,2,2-trifluoroethane	0.00083	U	0.00083	0.00025	mg/Kg	☼	10/02/25 10:33	10/04/25 12:43	1
1,1,2-Trichloroethane	0.00083	U	0.00083	0.00050	mg/Kg	☼	10/02/25 10:33	10/04/25 12:43	1
1,1-Dichloroethane	0.00083	U	0.00083	0.00050	mg/Kg	☼	10/02/25 10:33	10/04/25 12:43	1
1,1-Dichloroethene	0.00083	U	0.00083	0.00019	mg/Kg	☼	10/02/25 10:33	10/04/25 12:43	1
1,2,3-Trichlorobenzene	0.00083	U	0.00083	0.00061	mg/Kg	☼	10/02/25 10:33	10/04/25 12:43	1
1,2,4-Trichlorobenzene	0.00083	U	0.00083	0.00030	mg/Kg	☼	10/02/25 10:33	10/04/25 12:43	1
1,2,4-Trimethylbenzene	0.00083	U	0.00083	0.00020	mg/Kg	☼	10/02/25 10:33	10/04/25 12:43	1
1,2-Dibromo-3-Chloropropane	0.00083	U	0.00083	0.00038	mg/Kg	☼	10/02/25 10:33	10/04/25 12:43	1
1,2-Dichlorobenzene	0.00083	U	0.00083	0.00030	mg/Kg	☼	10/02/25 10:33	10/04/25 12:43	1
1,2-Dichloroethane	0.00083	U	0.00083	0.00025	mg/Kg	☼	10/02/25 10:33	10/04/25 12:43	1
1,2-Dichloropropane	0.00083	U	0.00083	0.00035	mg/Kg	☼	10/02/25 10:33	10/04/25 12:43	1
1,3,5-Trimethylbenzene	0.00083	U	0.00083	0.00026	mg/Kg	☼	10/02/25 10:33	10/04/25 12:43	1
1,3-Dichlorobenzene	0.00083	U	0.00083	0.00030	mg/Kg	☼	10/02/25 10:33	10/04/25 12:43	1
1,4-Dichlorobenzene	0.00083	U	0.00083	0.00043	mg/Kg	☼	10/02/25 10:33	10/04/25 12:43	1
2-Butanone (MEK)	0.0041	U	0.0041	0.00031	mg/Kg	☼	10/02/25 10:33	10/04/25 12:43	1
2-Hexanone	0.0041	U	0.0041	0.0014	mg/Kg	☼	10/02/25 10:33	10/04/25 12:43	1
4-Methyl-2-pentanone (MIBK)	0.0041	U	0.0041	0.0013	mg/Kg	☼	10/02/25 10:33	10/04/25 12:43	1
Acetone	0.0050	U	0.0050	0.0047	mg/Kg	☼	10/02/25 10:33	10/04/25 12:43	1
Benzene	0.00083	U	0.00083	0.00047	mg/Kg	☼	10/02/25 10:33	10/04/25 12:43	1
Bromoform	0.00083	U	0.00083	0.00035	mg/Kg	☼	10/02/25 10:33	10/04/25 12:43	1
Bromomethane	0.0017	U	0.0017	0.00083	mg/Kg	☼	10/02/25 10:33	10/04/25 12:43	1

Client Sample ID: 59D1_1-2
Date Collected: 09/29/25 09:45
Date Received: 09/29/25 15:30

Lab Sample ID: 460-335975-38
Matrix: Solid
Percent Solids: 93.3

Method: SW846 8260D - Volatile Organic Compounds by GC/MS (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Carbon disulfide	0.00083	U	0.00083	0.00022	mg/Kg	☼	10/02/25 10:33	10/04/25 12:43	1
Carbon tetrachloride	0.00083	U	0.00083	0.00032	mg/Kg	☼	10/02/25 10:33	10/04/25 12:43	1
Chlorobenzene	0.00083	U	0.00083	0.00042	mg/Kg	☼	10/02/25 10:33	10/04/25 12:43	1
Chlorobromomethane	0.00083	U	0.00083	0.00049	mg/Kg	☼	10/02/25 10:33	10/04/25 12:43	1
Chlorodibromomethane	0.00083	U	0.00083	0.00045	mg/Kg	☼	10/02/25 10:33	10/04/25 12:43	1
Chloroethane	0.00083	U	0.00083	0.00043	mg/Kg	☼	10/02/25 10:33	10/04/25 12:43	1
Chloroform	0.00083	U	0.00083	0.00081	mg/Kg	☼	10/02/25 10:33	10/04/25 12:43	1
Chloromethane	0.00083	U	0.00083	0.00036	mg/Kg	☼	10/02/25 10:33	10/04/25 12:43	1
cis-1,2-Dichloroethene	0.00083	U	0.00083	0.00030	mg/Kg	☼	10/02/25 10:33	10/04/25 12:43	1
cis-1,3-Dichloropropene	0.00083	U	0.00083	0.00023	mg/Kg	☼	10/02/25 10:33	10/04/25 12:43	1
Cyclohexane	0.00083	U	0.00083	0.00018	mg/Kg	☼	10/02/25 10:33	10/04/25 12:43	1
Dichlorobromomethane	0.00083	U	0.00083	0.00021	mg/Kg	☼	10/02/25 10:33	10/04/25 12:43	1
Dichlorodifluoromethane	0.00083	U	0.00083	0.00028	mg/Kg	☼	10/02/25 10:33	10/04/25 12:43	1
Ethylbenzene	0.00083	U	0.00083	0.00039	mg/Kg	☼	10/02/25 10:33	10/04/25 12:43	1
Ethylene Dibromide	0.00083	U	0.00083	0.00042	mg/Kg	☼	10/02/25 10:33	10/04/25 12:43	1
Isopropylbenzene	0.00083	U	0.00083	0.00024	mg/Kg	☼	10/02/25 10:33	10/04/25 12:43	1
Methyl acetate	0.0041	U	0.0041	0.0036	mg/Kg	☼	10/02/25 10:33	10/04/25 12:43	1
Methyl tert-butyl ether	0.00083	U	0.00083	0.00042	mg/Kg	☼	10/02/25 10:33	10/04/25 12:43	1
Methylcyclohexane	0.00083	U	0.00083	0.00041	mg/Kg	☼	10/02/25 10:33	10/04/25 12:43	1
Methylene Chloride	**0.0017**		0.0017	0.00095	mg/Kg	☼	10/02/25 10:33	10/04/25 12:43	1
m-Xylene & p-Xylene	0.00083	U	0.00083	0.00035	mg/Kg	☼	10/02/25 10:33	10/04/25 12:43	1
n-Butylbenzene	0.00083	U	0.00083	0.00024	mg/Kg	☼	10/02/25 10:33	10/04/25 12:43	1
N-Propylbenzene	0.00083	U	0.00083	0.00037	mg/Kg	☼	10/02/25 10:33	10/04/25 12:43	1
o-Xylene	0.00083	U	0.00083	0.00038	mg/Kg	☼	10/02/25 10:33	10/04/25 12:43	1
sec-Butylbenzene	0.00083	U	0.00083	0.00024	mg/Kg	☼	10/02/25 10:33	10/04/25 12:43	1
Styrene	0.00083	U	0.00083	0.00023	mg/Kg	☼	10/02/25 10:33	10/04/25 12:43	1
tert-Butylbenzene	0.00083	U	0.00083	0.00023	mg/Kg	☼	10/02/25 10:33	10/04/25 12:43	1
Tetrachloroethene	0.00083	U	0.00083	0.00025	mg/Kg	☼	10/02/25 10:33	10/04/25 12:43	1
Toluene	0.00083	U	0.00083	0.00019	mg/Kg	☼	10/02/25 10:33	10/04/25 12:43	1
trans-1,2-Dichloroethene	0.00083	U	0.00083	0.00020	mg/Kg	☼	10/02/25 10:33	10/04/25 12:43	1
trans-1,3-Dichloropropene	0.00083	U	0.00083	0.00022	mg/Kg	☼	10/02/25 10:33	10/04/25 12:43	1
Trichloroethene	0.00083	U	0.00083	0.00027	mg/Kg	☼	10/02/25 10:33	10/04/25 12:43	1
Trichlorofluoromethane	0.00083	U	0.00083	0.00034	mg/Kg	☼	10/02/25 10:33	10/04/25 12:43	1
Vinyl chloride	0.00083	U	0.00083	0.00045	mg/Kg	☼	10/02/25 10:33	10/04/25 12:43	1
Xylenes, Total	0.0017	U	0.0017	0.00014	mg/Kg	☼	10/02/25 10:33	10/04/25 12:43	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,2-Dichloroethane-d4 (Surr)	*115*		*65 - 138*	*10/02/25 10:33*	*10/04/25 12:43*	*1*
4-Bromofluorobenzene	*101*		*71 - 128*	*10/02/25 10:33*	*10/04/25 12:43*	*1*
Dibromofluoromethane (Surr)	*112*		*50 - 150*	*10/02/25 10:33*	*10/04/25 12:43*	*1*
Toluene-d8 (Surr)	*96*		*71 - 126*	*10/02/25 10:33*	*10/04/25 12:43*	*1*

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Percent Moisture (EPA Moisture)	**6.7**		1.0	1.0	%			10/02/25 17:24	1
Percent Solids (EPA Moisture)	**93.3**		1.0	1.0	%			10/02/25 17:24	1

Client: Haley & Aldrich, Inc.
Project/Site: Former Port Mobil

Job ID: 460-335975-1

Client Sample ID: 59D2_2-3
Date Collected: 09/29/25 09:50
Date Received: 09/29/25 15:30

Lab Sample ID: 460-335975-39
Matrix: Solid
Percent Solids: 88.9

Method: SW846 8260D - Volatile Organic Compounds by GC/MS

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1-Trichloroethane	0.00087	U	0.00087	0.00020	mg/Kg	☼	10/02/25 10:34	10/06/25 02:06	1
1,1,2,2-Tetrachloroethane	0.00087	U	0.00087	0.00045	mg/Kg	☼	10/02/25 10:34	10/06/25 02:06	1
1,1,2-Trichloro-1,2,2-trifluoroethane	0.00087	U	0.00087	0.00026	mg/Kg	☼	10/02/25 10:34	10/06/25 02:06	1
1,1,2-Trichloroethane	0.00087	U	0.00087	0.00052	mg/Kg	☼	10/02/25 10:34	10/06/25 02:06	1
1,1-Dichloroethane	0.00087	U	0.00087	0.00052	mg/Kg	☼	10/02/25 10:34	10/06/25 02:06	1
1,1-Dichloroethene	0.00087	U	0.00087	0.00020	mg/Kg	☼	10/02/25 10:34	10/06/25 02:06	1
1,2,3-Trichlorobenzene	0.00087	U	0.00087	0.00064	mg/Kg	☼	10/02/25 10:34	10/06/25 02:06	1
1,2,4-Trichlorobenzene	0.00087	U	0.00087	0.00031	mg/Kg	☼	10/02/25 10:34	10/06/25 02:06	1
1,2,4-Trimethylbenzene	0.00087	U	0.00087	0.00021	mg/Kg	☼	10/02/25 10:34	10/06/25 02:06	1
1,2-Dibromo-3-Chloropropane	0.00087	U	0.00087	0.00040	mg/Kg	☼	10/02/25 10:34	10/06/25 02:06	1
1,2-Dichlorobenzene	0.00087	U	0.00087	0.00031	mg/Kg	☼	10/02/25 10:34	10/06/25 02:06	1
1,2-Dichloroethane	0.00087	U	0.00087	0.00026	mg/Kg	☼	10/02/25 10:34	10/06/25 02:06	1
1,2-Dichloropropane	0.00087	U	0.00087	0.00037	mg/Kg	☼	10/02/25 10:34	10/06/25 02:06	1
1,3,5-Trimethylbenzene	0.00087	U	0.00087	0.00027	mg/Kg	☼	10/02/25 10:34	10/06/25 02:06	1
1,3-Dichlorobenzene	0.00087	U	0.00087	0.00032	mg/Kg	☼	10/02/25 10:34	10/06/25 02:06	1
1,4-Dichlorobenzene	0.00087	U	0.00087	0.00045	mg/Kg	☼	10/02/25 10:34	10/06/25 02:06	1
2-Butanone (MEK)	0.0043	U	0.0043	0.00032	mg/Kg	☼	10/02/25 10:34	10/06/25 02:06	1
2-Hexanone	0.0043	U	0.0043	0.0015	mg/Kg	☼	10/02/25 10:34	10/06/25 02:06	1
4-Methyl-2-pentanone (MIBK)	0.0043	U	0.0043	0.0014	mg/Kg	☼	10/02/25 10:34	10/06/25 02:06	1
Acetone	0.0052	U	0.0052	0.0050	mg/Kg	☼	10/02/25 10:34	10/06/25 02:06	1
Benzene	0.00087	U	0.00087	0.00049	mg/Kg	☼	10/02/25 10:34	10/06/25 02:06	1
Bromoform	0.00087	U	0.00087	0.00037	mg/Kg	☼	10/02/25 10:34	10/06/25 02:06	1
Bromomethane	0.0017	U	0.0017	0.00087	mg/Kg	☼	10/02/25 10:34	10/06/25 02:06	1
Carbon disulfide	0.00087	U	0.00087	0.00023	mg/Kg	☼	10/02/25 10:34	10/06/25 02:06	1
Carbon tetrachloride	0.00087	U	0.00087	0.00034	mg/Kg	☼	10/02/25 10:34	10/06/25 02:06	1
Chlorobenzene	0.00087	U	0.00087	0.00044	mg/Kg	☼	10/02/25 10:34	10/06/25 02:06	1
Chlorobromomethane	0.00087	U	0.00087	0.00052	mg/Kg	☼	10/02/25 10:34	10/06/25 02:06	1
Chlorodibromomethane	0.00087	U	0.00087	0.00047	mg/Kg	☼	10/02/25 10:34	10/06/25 02:06	1
Chloroethane	0.00087	U	0.00087	0.00045	mg/Kg	☼	10/02/25 10:34	10/06/25 02:06	1
Chloroform	0.00087	U	0.00087	0.00084	mg/Kg	☼	10/02/25 10:34	10/06/25 02:06	1
Chloromethane	0.00087	U	0.00087	0.00038	mg/Kg	☼	10/02/25 10:34	10/06/25 02:06	1
cis-1,2-Dichloroethene	0.00087	U	0.00087	0.00031	mg/Kg	☼	10/02/25 10:34	10/06/25 02:06	1
cis-1,3-Dichloropropene	0.00087	U	0.00087	0.00024	mg/Kg	☼	10/02/25 10:34	10/06/25 02:06	1
Cyclohexane	0.00087	U	0.00087	0.00019	mg/Kg	☼	10/02/25 10:34	10/06/25 02:06	1
Dichlorobromomethane	0.00087	U	0.00087	0.00022	mg/Kg	☼	10/02/25 10:34	10/06/25 02:06	1
Dichlorodifluoromethane	0.00087	U	0.00087	0.00029	mg/Kg	☼	10/02/25 10:34	10/06/25 02:06	1
Ethylbenzene	0.00087	U	0.00087	0.00041	mg/Kg	☼	10/02/25 10:34	10/06/25 02:06	1
Ethylene Dibromide	0.00087	U	0.00087	0.00044	mg/Kg	☼	10/02/25 10:34	10/06/25 02:06	1
Isopropylbenzene	0.00087	U	0.00087	0.00025	mg/Kg	☼	10/02/25 10:34	10/06/25 02:06	1
Methyl acetate	0.0043	U	0.0043	0.0037	mg/Kg	☼	10/02/25 10:34	10/06/25 02:06	1
Methyl tert-butyl ether	0.00087	U	0.00087	0.00044	mg/Kg	☼	10/02/25 10:34	10/06/25 02:06	1
Methylcyclohexane	0.00087	U	0.00087	0.00043	mg/Kg	☼	10/02/25 10:34	10/06/25 02:06	1
Methylene Chloride	**0.0025**		0.0017	0.00099	mg/Kg	☼	10/02/25 10:34	10/06/25 02:06	1
m-Xylene & p-Xylene	0.00087	U	0.00087	0.00037	mg/Kg	☼	10/02/25 10:34	10/06/25 02:06	1
n-Butylbenzene	0.00087	U	0.00087	0.00026	mg/Kg	☼	10/02/25 10:34	10/06/25 02:06	1
N-Propylbenzene	0.00087	U	0.00087	0.00039	mg/Kg	☼	10/02/25 10:34	10/06/25 02:06	1
o-Xylene	0.00087	U	0.00087	0.00040	mg/Kg	☼	10/02/25 10:34	10/06/25 02:06	1
sec-Butylbenzene	0.00087	U	0.00087	0.00025	mg/Kg	☼	10/02/25 10:34	10/06/25 02:06	1
Styrene	0.00087	U	0.00087	0.00024	mg/Kg	☼	10/02/25 10:34	10/06/25 02:06	1

Client Sample ID: 59D2_2-3

Lab Sample ID: 460-335975-39

Date Collected: 09/29/25 09:50
Matrix: Solid
Date Received: 09/29/25 15:30
Percent Solids: 88.9

Method: SW846 8260D - Volatile Organic Compounds by GC/MS (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
tert-Butylbenzene	0.00087	U	0.00087	0.00024	mg/Kg	☼	10/02/25 10:34	10/06/25 02:06	1
Tetrachloroethene	0.00087	U	0.00087	0.00026	mg/Kg	☼	10/02/25 10:34	10/06/25 02:06	1
Toluene	0.00087	U	0.00087	0.00020	mg/Kg	☼	10/02/25 10:34	10/06/25 02:06	1
trans-1,2-Dichloroethene	0.00087	U	0.00087	0.00021	mg/Kg	☼	10/02/25 10:34	10/06/25 02:06	1
trans-1,3-Dichloropropene	0.00087	U	0.00087	0.00023	mg/Kg	☼	10/02/25 10:34	10/06/25 02:06	1
Trichloroethene	0.00087	U	0.00087	0.00028	mg/Kg	☼	10/02/25 10:34	10/06/25 02:06	1
Trichlorofluoromethane	0.00087	U	0.00087	0.00035	mg/Kg	☼	10/02/25 10:34	10/06/25 02:06	1
Vinyl chloride	0.00087	U	0.00087	0.00047	mg/Kg	☼	10/02/25 10:34	10/06/25 02:06	1
Xylenes, Total	0.0017	U	0.0017	0.00015	mg/Kg	☼	10/02/25 10:34	10/06/25 02:06	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,2-Dichloroethane-d4 (Surr)	*110*		*65 - 138*	*10/02/25 10:34*	*10/06/25 02:06*	*1*
4-Bromofluorobenzene	*95*		*71 - 128*	*10/02/25 10:34*	*10/06/25 02:06*	*1*
Dibromofluoromethane (Surr)	*106*		*50 - 150*	*10/02/25 10:34*	*10/06/25 02:06*	*1*
Toluene-d8 (Surr)	*99*		*71 - 126*	*10/02/25 10:34*	*10/06/25 02:06*	*1*

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Percent Moisture (EPA Moisture)	**11.1**		1.0	1.0	%			10/02/25 17:24	1
Percent Solids (EPA Moisture)	**88.9**		1.0	1.0	%			10/02/25 17:24	1

Client Sample ID: 59D3_3-4

Lab Sample ID: 460-335975-40

Date Collected: 09/29/25 09:55
Matrix: Solid
Date Received: 09/29/25 15:30
Percent Solids: 89.4

Method: SW846 8260D - Volatile Organic Compounds by GC/MS

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1-Trichloroethane	0.0016	U	0.0016	0.00038	mg/Kg	☼	10/02/25 10:34	10/04/25 13:29	1
1,1,2,2-Tetrachloroethane	0.0016	U	0.0016	0.00086	mg/Kg	☼	10/02/25 10:34	10/04/25 13:29	1
1,1,2-Trichloro-1,2,2-trifluoroethane	0.0016	U	0.0016	0.00049	mg/Kg	☼	10/02/25 10:34	10/04/25 13:29	1
1,1,2-Trichloroethane	0.0016	U	0.0016	0.00099	mg/Kg	☼	10/02/25 10:34	10/04/25 13:29	1
1,1-Dichloroethane	0.0016	U	0.0016	0.00098	mg/Kg	☼	10/02/25 10:34	10/04/25 13:29	1
1,1-Dichloroethene	0.0016	U	0.0016	0.00037	mg/Kg	☼	10/02/25 10:34	10/04/25 13:29	1
1,2,3-Trichlorobenzene	0.0016	U	0.0016	0.0012	mg/Kg	☼	10/02/25 10:34	10/04/25 13:29	1
1,2,4-Trichlorobenzene	0.0016	U	0.0016	0.00059	mg/Kg	☼	10/02/25 10:34	10/04/25 13:29	1
1,2,4-Trimethylbenzene	0.0016	U	0.0016	0.00040	mg/Kg	☼	10/02/25 10:34	10/04/25 13:29	1
1,2-Dibromo-3-Chloropropane	0.0016	U	0.0016	0.00075	mg/Kg	☼	10/02/25 10:34	10/04/25 13:29	1
1,2-Dichlorobenzene	0.0016	U	0.0016	0.00059	mg/Kg	☼	10/02/25 10:34	10/04/25 13:29	1
1,2-Dichloroethane	0.0016	U	0.0016	0.00049	mg/Kg	☼	10/02/25 10:34	10/04/25 13:29	1
1,2-Dichloropropane	0.0016	U	0.0016	0.00069	mg/Kg	☼	10/02/25 10:34	10/04/25 13:29	1
1,3,5-Trimethylbenzene	0.0016	U	0.0016	0.00051	mg/Kg	☼	10/02/25 10:34	10/04/25 13:29	1
1,3-Dichlorobenzene	0.0016	U	0.0016	0.00060	mg/Kg	☼	10/02/25 10:34	10/04/25 13:29	1
1,4-Dichlorobenzene	0.0016	U	0.0016	0.00085	mg/Kg	☼	10/02/25 10:34	10/04/25 13:29	1
2-Butanone (MEK)	0.0082	U	0.0082	0.00060	mg/Kg	☼	10/02/25 10:34	10/04/25 13:29	1
2-Hexanone	0.0082	U	0.0082	0.0028	mg/Kg	☼	10/02/25 10:34	10/04/25 13:29	1
4-Methyl-2-pentanone (MIBK)	0.0082	U	0.0082	0.0026	mg/Kg	☼	10/02/25 10:34	10/04/25 13:29	1
Acetone	0.0098	U	0.0098	0.0094	mg/Kg	☼	10/02/25 10:34	10/04/25 13:29	1
Benzene	0.0016	U	0.0016	0.00093	mg/Kg	☼	10/02/25 10:34	10/04/25 13:29	1
Bromoform	0.0016	U	0.0016	0.00070	mg/Kg	☼	10/02/25 10:34	10/04/25 13:29	1
Bromomethane	0.0033	U	0.0033	0.0016	mg/Kg	☼	10/02/25 10:34	10/04/25 13:29	1

Client Sample ID: 59D3_3-4
Date Collected: 09/29/25 09:55
Date Received: 09/29/25 15:30

Lab Sample ID: 460-335975-40
Matrix: Solid
Percent Solids: 89.4

Method: SW846 8260D - Volatile Organic Compounds by GC/MS (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Carbon disulfide	0.0016	U	0.0016	0.00044	mg/Kg	☼	10/02/25 10:34	10/04/25 13:29	1
Carbon tetrachloride	0.0016	U	0.0016	0.00063	mg/Kg	☼	10/02/25 10:34	10/04/25 13:29	1
Chlorobenzene	0.0016	U	0.0016	0.00083	mg/Kg	☼	10/02/25 10:34	10/04/25 13:29	1
Chlorobromomethane	0.0016	U	0.0016	0.00098	mg/Kg	☼	10/02/25 10:34	10/04/25 13:29	1
Chlorodibromomethane	0.0016	U	0.0016	0.00088	mg/Kg	☼	10/02/25 10:34	10/04/25 13:29	1
Chloroethane	0.0016	U	0.0016	0.00086	mg/Kg	☼	10/02/25 10:34	10/04/25 13:29	1
Chloroform	0.0016	U	0.0016	0.0016	mg/Kg	☼	10/02/25 10:34	10/04/25 13:29	1
Chloromethane	0.0016	U	0.0016	0.00071	mg/Kg	☼	10/02/25 10:34	10/04/25 13:29	1
cis-1,2-Dichloroethene	0.0016	U	0.0016	0.00059	mg/Kg	☼	10/02/25 10:34	10/04/25 13:29	1
cis-1,3-Dichloropropene	0.0016	U	0.0016	0.00045	mg/Kg	☼	10/02/25 10:34	10/04/25 13:29	1
Cyclohexane	0.0016	U	0.0016	0.00036	mg/Kg	☼	10/02/25 10:34	10/04/25 13:29	1
Dichlorobromomethane	0.0016	U	0.0016	0.00042	mg/Kg	☼	10/02/25 10:34	10/04/25 13:29	1
Dichlorodifluoromethane	0.0016	U	0.0016	0.00055	mg/Kg	☼	10/02/25 10:34	10/04/25 13:29	1
Ethylbenzene	0.0016	U	0.0016	0.00077	mg/Kg	☼	10/02/25 10:34	10/04/25 13:29	1
Ethylene Dibromide	0.0016	U	0.0016	0.00083	mg/Kg	☼	10/02/25 10:34	10/04/25 13:29	1
Isopropylbenzene	0.0016	U	0.0016	0.00047	mg/Kg	☼	10/02/25 10:34	10/04/25 13:29	1
Methyl acetate	0.0082	U	0.0082	0.0071	mg/Kg	☼	10/02/25 10:34	10/04/25 13:29	1
Methyl tert-butyl ether	0.0016	U	0.0016	0.00084	mg/Kg	☼	10/02/25 10:34	10/04/25 13:29	1
Methylcyclohexane	0.0016	U	0.0016	0.00082	mg/Kg	☼	10/02/25 10:34	10/04/25 13:29	1
Methylene Chloride	**0.0037**		0.0033	0.0019	mg/Kg	☼	10/02/25 10:34	10/04/25 13:29	1
m-Xylene & p-Xylene	0.0016	U	0.0016	0.00069	mg/Kg	☼	10/02/25 10:34	10/04/25 13:29	1
n-Butylbenzene	0.0016	U	0.0016	0.00048	mg/Kg	☼	10/02/25 10:34	10/04/25 13:29	1
N-Propylbenzene	0.0016	U	0.0016	0.00074	mg/Kg	☼	10/02/25 10:34	10/04/25 13:29	1
o-Xylene	0.0016	U	0.0016	0.00076	mg/Kg	☼	10/02/25 10:34	10/04/25 13:29	1
sec-Butylbenzene	0.0016	U	0.0016	0.00047	mg/Kg	☼	10/02/25 10:34	10/04/25 13:29	1
Styrene	0.0016	U	0.0016	0.00046	mg/Kg	☼	10/02/25 10:34	10/04/25 13:29	1
tert-Butylbenzene	0.0016	U	0.0016	0.00045	mg/Kg	☼	10/02/25 10:34	10/04/25 13:29	1
Tetrachloroethene	0.0016	U	0.0016	0.00050	mg/Kg	☼	10/02/25 10:34	10/04/25 13:29	1
Toluene	0.0016	U	0.0016	0.00038	mg/Kg	☼	10/02/25 10:34	10/04/25 13:29	1
trans-1,2-Dichloroethene	0.0016	U	0.0016	0.00040	mg/Kg	☼	10/02/25 10:34	10/04/25 13:29	1
trans-1,3-Dichloropropene	0.0016	U	0.0016	0.00044	mg/Kg	☼	10/02/25 10:34	10/04/25 13:29	1
Trichloroethene	0.0016	U	0.0016	0.00053	mg/Kg	☼	10/02/25 10:34	10/04/25 13:29	1
Trichlorofluoromethane	0.0016	U	0.0016	0.00067	mg/Kg	☼	10/02/25 10:34	10/04/25 13:29	1
Vinyl chloride	0.0016	U	0.0016	0.00090	mg/Kg	☼	10/02/25 10:34	10/04/25 13:29	1
Xylenes, Total	0.0033	U	0.0033	0.00029	mg/Kg	☼	10/02/25 10:34	10/04/25 13:29	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,2-Dichloroethane-d4 (Surr)	*112*		*65 - 138*	*10/02/25 10:34*	*10/04/25 13:29*	*1*
4-Bromofluorobenzene	*100*		*71 - 128*	*10/02/25 10:34*	*10/04/25 13:29*	*1*
Dibromofluoromethane (Surr)	*113*		*50 - 150*	*10/02/25 10:34*	*10/04/25 13:29*	*1*
Toluene-d8 (Surr)	*97*		*71 - 126*	*10/02/25 10:34*	*10/04/25 13:29*	*1*

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Percent Moisture (EPA Moisture)	**10.6**		1.0	1.0	%			10/02/25 17:24	1
Percent Solids (EPA Moisture)	**89.4**		1.0	1.0	%			10/02/25 17:24	1

Client: Haley & Aldrich, Inc.
Project/Site: Former Port Mobil

Job ID: 460-335975-1

Client Sample ID: 59D1_6-7
Date Collected: 09/29/25 10:00
Date Received: 09/29/25 15:30

Lab Sample ID: 460-335975-41
Matrix: Solid
Percent Solids: 97.5

Method: SW846 8260D - Volatile Organic Compounds by GC/MS

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1-Trichloroethane	0.0011	U	0.0011	0.00025	mg/Kg	☼	10/02/25 10:34	10/04/25 13:52	1
1,1,2,2-Tetrachloroethane	0.0011	U	0.0011	0.00056	mg/Kg	☼	10/02/25 10:34	10/04/25 13:52	1
1,1,2-Trichloro-1,2,2-trifluoroethane	0.0011	U	0.0011	0.00032	mg/Kg	☼	10/02/25 10:34	10/04/25 13:52	1
1,1,2-Trichloroethane	0.0011	U	0.0011	0.00065	mg/Kg	☼	10/02/25 10:34	10/04/25 13:52	1
1,1-Dichloroethane	0.0011	U	0.0011	0.00064	mg/Kg	☼	10/02/25 10:34	10/04/25 13:52	1
1,1-Dichloroethene	0.0011	U	0.0011	0.00024	mg/Kg	☼	10/02/25 10:34	10/04/25 13:52	1
1,2,3-Trichlorobenzene	0.0011	U	0.0011	0.00079	mg/Kg	☼	10/02/25 10:34	10/04/25 13:52	1
1,2,4-Trichlorobenzene	0.0011	U	0.0011	0.00039	mg/Kg	☼	10/02/25 10:34	10/04/25 13:52	1
1,2,4-Trimethylbenzene	0.0011	U	0.0011	0.00026	mg/Kg	☼	10/02/25 10:34	10/04/25 13:52	1
1,2-Dibromo-3-Chloropropane	0.0011	U	0.0011	0.00050	mg/Kg	☼	10/02/25 10:34	10/04/25 13:52	1
1,2-Dichlorobenzene	0.0011	U	0.0011	0.00039	mg/Kg	☼	10/02/25 10:34	10/04/25 13:52	1
1,2-Dichloroethane	0.0011	U	0.0011	0.00032	mg/Kg	☼	10/02/25 10:34	10/04/25 13:52	1
1,2-Dichloropropane	0.0011	U	0.0011	0.00046	mg/Kg	☼	10/02/25 10:34	10/04/25 13:52	1
1,3,5-Trimethylbenzene	0.0011	U	0.0011	0.00034	mg/Kg	☼	10/02/25 10:34	10/04/25 13:52	1
1,3-Dichlorobenzene	0.0011	U	0.0011	0.00039	mg/Kg	☼	10/02/25 10:34	10/04/25 13:52	1
1,4-Dichlorobenzene	0.0011	U	0.0011	0.00056	mg/Kg	☼	10/02/25 10:34	10/04/25 13:52	1
2-Butanone (MEK)	0.0054	U	0.0054	0.00040	mg/Kg	☼	10/02/25 10:34	10/04/25 13:52	1
2-Hexanone	0.0054	U	0.0054	0.0018	mg/Kg	☼	10/02/25 10:34	10/04/25 13:52	1
4-Methyl-2-pentanone (MIBK)	0.0054	U	0.0054	0.0017	mg/Kg	☼	10/02/25 10:34	10/04/25 13:52	1
Acetone	0.0065	U	0.0065	0.0062	mg/Kg	☼	10/02/25 10:34	10/04/25 13:52	1
Benzene	0.0011	U	0.0011	0.00061	mg/Kg	☼	10/02/25 10:34	10/04/25 13:52	1
Bromoform	0.0011	U	0.0011	0.00046	mg/Kg	☼	10/02/25 10:34	10/04/25 13:52	1
Bromomethane	0.0022	U	0.0022	0.0011	mg/Kg	☼	10/02/25 10:34	10/04/25 13:52	1
Carbon disulfide	0.0011	U	0.0011	0.00029	mg/Kg	☼	10/02/25 10:34	10/04/25 13:52	1
Carbon tetrachloride	0.0011	U	0.0011	0.00042	mg/Kg	☼	10/02/25 10:34	10/04/25 13:52	1
Chlorobenzene	0.0011	U	0.0011	0.00055	mg/Kg	☼	10/02/25 10:34	10/04/25 13:52	1
Chlorobromomethane	0.0011	U	0.0011	0.00064	mg/Kg	☼	10/02/25 10:34	10/04/25 13:52	1
Chlorodibromomethane	0.0011	U	0.0011	0.00058	mg/Kg	☼	10/02/25 10:34	10/04/25 13:52	1
Chloroethane	0.0011	U	0.0011	0.00056	mg/Kg	☼	10/02/25 10:34	10/04/25 13:52	1
Chloroform	0.0011	U	0.0011	0.0010	mg/Kg	☼	10/02/25 10:34	10/04/25 13:52	1
Chloromethane	0.0011	U	0.0011	0.00047	mg/Kg	☼	10/02/25 10:34	10/04/25 13:52	1
cis-1,2-Dichloroethene	0.0011	U	0.0011	0.00039	mg/Kg	☼	10/02/25 10:34	10/04/25 13:52	1
cis-1,3-Dichloropropene	0.0011	U	0.0011	0.00029	mg/Kg	☼	10/02/25 10:34	10/04/25 13:52	1
Cyclohexane	0.0011	U	0.0011	0.00024	mg/Kg	☼	10/02/25 10:34	10/04/25 13:52	1
Dichlorobromomethane	0.0011	U	0.0011	0.00028	mg/Kg	☼	10/02/25 10:34	10/04/25 13:52	1
Dichlorodifluoromethane	0.0011	U	0.0011	0.00036	mg/Kg	☼	10/02/25 10:34	10/04/25 13:52	1
Ethylbenzene	0.0011	U	0.0011	0.00050	mg/Kg	☼	10/02/25 10:34	10/04/25 13:52	1
Ethylene Dibromide	0.0011	U	0.0011	0.00054	mg/Kg	☼	10/02/25 10:34	10/04/25 13:52	1
Isopropylbenzene	0.0011	U	0.0011	0.00031	mg/Kg	☼	10/02/25 10:34	10/04/25 13:52	1
Methyl acetate	0.0054	U	0.0054	0.0046	mg/Kg	☼	10/02/25 10:34	10/04/25 13:52	1
Methyl tert-butyl ether	0.0011	U	0.0011	0.00055	mg/Kg	☼	10/02/25 10:34	10/04/25 13:52	1
Methylcyclohexane	0.0011	U	0.0011	0.00054	mg/Kg	☼	10/02/25 10:34	10/04/25 13:52	1
Methylene Chloride	**0.0033**		0.0022	0.0012	mg/Kg	☼	10/02/25 10:34	10/04/25 13:52	1
m-Xylene & p-Xylene	0.0011	U	0.0011	0.00046	mg/Kg	☼	10/02/25 10:34	10/04/25 13:52	1
n-Butylbenzene	0.0011	U	0.0011	0.00032	mg/Kg	☼	10/02/25 10:34	10/04/25 13:52	1
N-Propylbenzene	0.0011	U	0.0011	0.00048	mg/Kg	☼	10/02/25 10:34	10/04/25 13:52	1
o-Xylene	0.0011	U	0.0011	0.00050	mg/Kg	☼	10/02/25 10:34	10/04/25 13:52	1
sec-Butylbenzene	0.0011	U	0.0011	0.00031	mg/Kg	☼	10/02/25 10:34	10/04/25 13:52	1
Styrene	0.0011	U	0.0011	0.00030	mg/Kg	☼	10/02/25 10:34	10/04/25 13:52	1

Client Sample ID: 59D1_6-7

Lab Sample ID: 460-335975-41

Date Collected: 09/29/25 10:00
Matrix: Solid
Date Received: 09/29/25 15:30
Percent Solids: 97.5

Method: SW846 8260D - Volatile Organic Compounds by GC/MS (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
tert-Butylbenzene	0.0011	U	0.0011	0.00030	mg/Kg	☼	10/02/25 10:34	10/04/25 13:52	1
Tetrachloroethene	0.0011	U	0.0011	0.00033	mg/Kg	☼	10/02/25 10:34	10/04/25 13:52	1
Toluene	0.0011	U	0.0011	0.00025	mg/Kg	☼	10/02/25 10:34	10/04/25 13:52	1
trans-1,2-Dichloroethene	0.0011	U	0.0011	0.00026	mg/Kg	☼	10/02/25 10:34	10/04/25 13:52	1
trans-1,3-Dichloropropene	0.0011	U	0.0011	0.00029	mg/Kg	☼	10/02/25 10:34	10/04/25 13:52	1
Trichloroethene	0.0011	U	0.0011	0.00035	mg/Kg	☼	10/02/25 10:34	10/04/25 13:52	1
Trichlorofluoromethane	0.0011	U	0.0011	0.00044	mg/Kg	☼	10/02/25 10:34	10/04/25 13:52	1
Vinyl chloride	0.0011	U	0.0011	0.00059	mg/Kg	☼	10/02/25 10:34	10/04/25 13:52	1
Xylenes, Total	0.0022	U	0.0022	0.00019	mg/Kg	☼	10/02/25 10:34	10/04/25 13:52	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,2-Dichloroethane-d4 (Surr)	*113*		*65 - 138*	*10/02/25 10:34*	*10/04/25 13:52*	*1*
4-Bromofluorobenzene	*99*		*71 - 128*	*10/02/25 10:34*	*10/04/25 13:52*	*1*
Dibromofluoromethane (Surr)	*115*		*50 - 150*	*10/02/25 10:34*	*10/04/25 13:52*	*1*
Toluene-d8 (Surr)	*95*		*71 - 126*	*10/02/25 10:34*	*10/04/25 13:52*	*1*

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Percent Moisture (EPA Moisture)	**2.5**		1.0	1.0	%			10/02/25 17:24	1
Percent Solids (EPA Moisture)	**97.5**		1.0	1.0	%			10/02/25 17:24	1

Client Sample ID: 59D2_7-8

Lab Sample ID: 460-335975-42

Date Collected: 09/29/25 10:05
Matrix: Solid
Date Received: 09/29/25 15:30
Percent Solids: 96.2

Method: SW846 8260D - Volatile Organic Compounds by GC/MS

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1-Trichloroethane	0.00070	U	0.00070	0.00016	mg/Kg	☼	10/02/25 10:35	10/04/25 14:15	1
1,1,2,2-Tetrachloroethane	0.00070	U	0.00070	0.00036	mg/Kg	☼	10/02/25 10:35	10/04/25 14:15	1
1,1,2-Trichloro-1,2,2-trifluoroethane	0.00070	U	0.00070	0.00021	mg/Kg	☼	10/02/25 10:35	10/04/25 14:15	1
1,1,2-Trichloroethane	0.00070	U	0.00070	0.00042	mg/Kg	☼	10/02/25 10:35	10/04/25 14:15	1
1,1-Dichloroethane	0.00070	U	0.00070	0.00042	mg/Kg	☼	10/02/25 10:35	10/04/25 14:15	1
1,1-Dichloroethene	0.00070	U	0.00070	0.00016	mg/Kg	☼	10/02/25 10:35	10/04/25 14:15	1
1,2,3-Trichlorobenzene	0.00070	U	0.00070	0.00051	mg/Kg	☼	10/02/25 10:35	10/04/25 14:15	1
1,2,4-Trichlorobenzene	0.00070	U	0.00070	0.00025	mg/Kg	☼	10/02/25 10:35	10/04/25 14:15	1
1,2,4-Trimethylbenzene	0.00070	U	0.00070	0.00017	mg/Kg	☼	10/02/25 10:35	10/04/25 14:15	1
1,2-Dibromo-3-Chloropropane	0.00070	U	0.00070	0.00032	mg/Kg	☼	10/02/25 10:35	10/04/25 14:15	1
1,2-Dichlorobenzene	0.00070	U	0.00070	0.00025	mg/Kg	☼	10/02/25 10:35	10/04/25 14:15	1
1,2-Dichloroethane	0.00070	U	0.00070	0.00021	mg/Kg	☼	10/02/25 10:35	10/04/25 14:15	1
1,2-Dichloropropane	0.00070	U	0.00070	0.00029	mg/Kg	☼	10/02/25 10:35	10/04/25 14:15	1
1,3,5-Trimethylbenzene	0.00070	U	0.00070	0.00022	mg/Kg	☼	10/02/25 10:35	10/04/25 14:15	1
1,3-Dichlorobenzene	0.00070	U	0.00070	0.00025	mg/Kg	☼	10/02/25 10:35	10/04/25 14:15	1
1,4-Dichlorobenzene	0.00070	U	0.00070	0.00036	mg/Kg	☼	10/02/25 10:35	10/04/25 14:15	1
2-Butanone (MEK)	0.0035	U	0.0035	0.00026	mg/Kg	☼	10/02/25 10:35	10/04/25 14:15	1
2-Hexanone	0.0035	U	0.0035	0.0012	mg/Kg	☼	10/02/25 10:35	10/04/25 14:15	1
4-Methyl-2-pentanone (MIBK)	0.0035	U	0.0035	0.0011	mg/Kg	☼	10/02/25 10:35	10/04/25 14:15	1
Acetone	0.0042	U	0.0042	0.0040	mg/Kg	☼	10/02/25 10:35	10/04/25 14:15	1
Benzene	0.00070	U	0.00070	0.00040	mg/Kg	☼	10/02/25 10:35	10/04/25 14:15	1
Bromoform	0.00070	U	0.00070	0.00030	mg/Kg	☼	10/02/25 10:35	10/04/25 14:15	1
Bromomethane	0.0014	U	0.0014	0.00070	mg/Kg	☼	10/02/25 10:35	10/04/25 14:15	1

Client Sample ID: 59D2_7-8
Date Collected: 09/29/25 10:05
Date Received: 09/29/25 15:30

Lab Sample ID: 460-335975-42
Matrix: Solid
Percent Solids: 96.2

Method: SW846 8260D - Volatile Organic Compounds by GC/MS (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Carbon disulfide	0.00070	U	0.00070	0.00019	mg/Kg	☼	10/02/25 10:35	10/04/25 14:15	1
Carbon tetrachloride	0.00070	U	0.00070	0.00027	mg/Kg	☼	10/02/25 10:35	10/04/25 14:15	1
Chlorobenzene	0.00070	U	0.00070	0.00035	mg/Kg	☼	10/02/25 10:35	10/04/25 14:15	1
Chlorobromomethane	0.00070	U	0.00070	0.00042	mg/Kg	☼	10/02/25 10:35	10/04/25 14:15	1
Chlorodibromomethane	0.00070	U	0.00070	0.00037	mg/Kg	☼	10/02/25 10:35	10/04/25 14:15	1
Chloroethane	0.00070	U	0.00070	0.00036	mg/Kg	☼	10/02/25 10:35	10/04/25 14:15	1
Chloroform	0.00070	U	0.00070	0.00068	mg/Kg	☼	10/02/25 10:35	10/04/25 14:15	1
Chloromethane	0.00070	U	0.00070	0.00030	mg/Kg	☼	10/02/25 10:35	10/04/25 14:15	1
cis-1,2-Dichloroethene	0.00070	U	0.00070	0.00025	mg/Kg	☼	10/02/25 10:35	10/04/25 14:15	1
cis-1,3-Dichloropropene	0.00070	U	0.00070	0.00019	mg/Kg	☼	10/02/25 10:35	10/04/25 14:15	1
Cyclohexane	0.00070	U	0.00070	0.00015	mg/Kg	☼	10/02/25 10:35	10/04/25 14:15	1
Dichlorobromomethane	0.00070	U	0.00070	0.00018	mg/Kg	☼	10/02/25 10:35	10/04/25 14:15	1
Dichlorodifluoromethane	0.00070	U	0.00070	0.00024	mg/Kg	☼	10/02/25 10:35	10/04/25 14:15	1
Ethylbenzene	0.00070	U	0.00070	0.00033	mg/Kg	☼	10/02/25 10:35	10/04/25 14:15	1
Ethylene Dibromide	0.00070	U	0.00070	0.00035	mg/Kg	☼	10/02/25 10:35	10/04/25 14:15	1
Isopropylbenzene	0.00070	U	0.00070	0.00020	mg/Kg	☼	10/02/25 10:35	10/04/25 14:15	1
Methyl acetate	0.0035	U	0.0035	0.0030	mg/Kg	☼	10/02/25 10:35	10/04/25 14:15	1
Methyl tert-butyl ether	0.00070	U	0.00070	0.00036	mg/Kg	☼	10/02/25 10:35	10/04/25 14:15	1
Methylcyclohexane	0.00070	U	0.00070	0.00035	mg/Kg	☼	10/02/25 10:35	10/04/25 14:15	1
Methylene Chloride	**0.00091**	**J**	0.0014	0.00080	mg/Kg	☼	10/02/25 10:35	10/04/25 14:15	1
m-Xylene & p-Xylene	0.00070	U	0.00070	0.00029	mg/Kg	☼	10/02/25 10:35	10/04/25 14:15	1
n-Butylbenzene	0.00070	U	0.00070	0.00020	mg/Kg	☼	10/02/25 10:35	10/04/25 14:15	1
N-Propylbenzene	0.00070	U	0.00070	0.00031	mg/Kg	☼	10/02/25 10:35	10/04/25 14:15	1
o-Xylene	0.00070	U	0.00070	0.00032	mg/Kg	☼	10/02/25 10:35	10/04/25 14:15	1
sec-Butylbenzene	0.00070	U	0.00070	0.00020	mg/Kg	☼	10/02/25 10:35	10/04/25 14:15	1
Styrene	0.00070	U	0.00070	0.00019	mg/Kg	☼	10/02/25 10:35	10/04/25 14:15	1
tert-Butylbenzene	0.00070	U	0.00070	0.00019	mg/Kg	☼	10/02/25 10:35	10/04/25 14:15	1
Tetrachloroethene	0.00070	U	0.00070	0.00021	mg/Kg	☼	10/02/25 10:35	10/04/25 14:15	1
Toluene	0.00070	U	0.00070	0.00016	mg/Kg	☼	10/02/25 10:35	10/04/25 14:15	1
trans-1,2-Dichloroethene	0.00070	U	0.00070	0.00017	mg/Kg	☼	10/02/25 10:35	10/04/25 14:15	1
trans-1,3-Dichloropropene	0.00070	U	0.00070	0.00019	mg/Kg	☼	10/02/25 10:35	10/04/25 14:15	1
Trichloroethene	0.00070	U	0.00070	0.00022	mg/Kg	☼	10/02/25 10:35	10/04/25 14:15	1
Trichlorofluoromethane	0.00070	U	0.00070	0.00028	mg/Kg	☼	10/02/25 10:35	10/04/25 14:15	1
Vinyl chloride	0.00070	U	0.00070	0.00038	mg/Kg	☼	10/02/25 10:35	10/04/25 14:15	1
Xylenes, Total	0.0014	U	0.0014	0.00012	mg/Kg	☼	10/02/25 10:35	10/04/25 14:15	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,2-Dichloroethane-d4 (Surr)	*114*		*65 - 138*	*10/02/25 10:35*	*10/04/25 14:15*	*1*
4-Bromofluorobenzene	*101*		*71 - 128*	*10/02/25 10:35*	*10/04/25 14:15*	*1*
Dibromofluoromethane (Surr)	*117*		*50 - 150*	*10/02/25 10:35*	*10/04/25 14:15*	*1*
Toluene-d8 (Surr)	*96*		*71 - 126*	*10/02/25 10:35*	*10/04/25 14:15*	*1*

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Percent Moisture (EPA Moisture)	**3.8**		1.0	1.0	%			10/02/25 17:24	1
Percent Solids (EPA Moisture)	**96.2**		1.0	1.0	%			10/02/25 17:24	1

Client: Haley & Aldrich, Inc.
Project/Site: Former Port Mobil

Job ID: 460-335975-1

Client Sample ID: 59D3_8-9
Date Collected: 09/29/25 10:10
Date Received: 09/29/25 15:30

Lab Sample ID: 460-335975-43
Matrix: Solid
Percent Solids: 92.7

Method: SW846 8260D - Volatile Organic Compounds by GC/MS

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1-Trichloroethane	0.0011	U	0.0011	0.00026	mg/Kg	☼	10/02/25 10:35	10/04/25 17:42	1
1,1,2,2-Tetrachloroethane	0.0011	U	0.0011	0.00057	mg/Kg	☼	10/02/25 10:35	10/04/25 17:42	1
1,1,2-Trichloro-1,2,2-trifluoroethane	0.0011	U	0.0011	0.00033	mg/Kg	☼	10/02/25 10:35	10/04/25 17:42	1
1,1,2-Trichloroethane	0.0011	U	0.0011	0.00066	mg/Kg	☼	10/02/25 10:35	10/04/25 17:42	1
1,1-Dichloroethane	0.0011	U	0.0011	0.00065	mg/Kg	☼	10/02/25 10:35	10/04/25 17:42	1
1,1-Dichloroethene	0.0011	U	0.0011	0.00025	mg/Kg	☼	10/02/25 10:35	10/04/25 17:42	1
1,2,3-Trichlorobenzene	0.0011	U	0.0011	0.00081	mg/Kg	☼	10/02/25 10:35	10/04/25 17:42	1
1,2,4-Trichlorobenzene	0.0011	U	0.0011	0.00039	mg/Kg	☼	10/02/25 10:35	10/04/25 17:42	1
1,2,4-Trimethylbenzene	0.0011	U	0.0011	0.00027	mg/Kg	☼	10/02/25 10:35	10/04/25 17:42	1
1,2-Dibromo-3-Chloropropane	0.0011	U	0.0011	0.00050	mg/Kg	☼	10/02/25 10:35	10/04/25 17:42	1
1,2-Dichlorobenzene	0.0011	U	0.0011	0.00040	mg/Kg	☼	10/02/25 10:35	10/04/25 17:42	1
1,2-Dichloroethane	0.0011	U	0.0011	0.00032	mg/Kg	☼	10/02/25 10:35	10/04/25 17:42	1
1,2-Dichloropropane	0.0011	U	0.0011	0.00046	mg/Kg	☼	10/02/25 10:35	10/04/25 17:42	1
1,3,5-Trimethylbenzene	0.0011	U	0.0011	0.00034	mg/Kg	☼	10/02/25 10:35	10/04/25 17:42	1
1,3-Dichlorobenzene	0.0011	U	0.0011	0.00040	mg/Kg	☼	10/02/25 10:35	10/04/25 17:42	1
1,4-Dichlorobenzene	0.0011	U	0.0011	0.00057	mg/Kg	☼	10/02/25 10:35	10/04/25 17:42	1
2-Butanone (MEK)	0.0055	U	0.0055	0.00040	mg/Kg	☼	10/02/25 10:35	10/04/25 17:42	1
2-Hexanone	0.0055	U	0.0055	0.0019	mg/Kg	☼	10/02/25 10:35	10/04/25 17:42	1
4-Methyl-2-pentanone (MIBK)	0.0055	U	0.0055	0.0017	mg/Kg	☼	10/02/25 10:35	10/04/25 17:42	1
Acetone	0.0066	U	0.0066	0.0063	mg/Kg	☼	10/02/25 10:35	10/04/25 17:42	1
Benzene	0.0011	U	0.0011	0.00062	mg/Kg	☼	10/02/25 10:35	10/04/25 17:42	1
Bromoform	0.0011	U	0.0011	0.00047	mg/Kg	☼	10/02/25 10:35	10/04/25 17:42	1
Bromomethane	0.0022	U	0.0022	0.0011	mg/Kg	☼	10/02/25 10:35	10/04/25 17:42	1
Carbon disulfide	0.0011	U	0.0011	0.00029	mg/Kg	☼	10/02/25 10:35	10/04/25 17:42	1
Carbon tetrachloride	0.0011	U	0.0011	0.00042	mg/Kg	☼	10/02/25 10:35	10/04/25 17:42	1
Chlorobenzene	0.0011	U	0.0011	0.00056	mg/Kg	☼	10/02/25 10:35	10/04/25 17:42	1
Chlorobromomethane	0.0011	U	0.0011	0.00065	mg/Kg	☼	10/02/25 10:35	10/04/25 17:42	1
Chlorodibromomethane	0.0011	U	0.0011	0.00059	mg/Kg	☼	10/02/25 10:35	10/04/25 17:42	1
Chloroethane	0.0011	U	0.0011	0.00057	mg/Kg	☼	10/02/25 10:35	10/04/25 17:42	1
Chloroform	0.0011	U	0.0011	0.0011	mg/Kg	☼	10/02/25 10:35	10/04/25 17:42	1
Chloromethane	0.0011	U	0.0011	0.00048	mg/Kg	☼	10/02/25 10:35	10/04/25 17:42	1
cis-1,2-Dichloroethene	0.0011	U	0.0011	0.00039	mg/Kg	☼	10/02/25 10:35	10/04/25 17:42	1
cis-1,3-Dichloropropene	0.0011	U	0.0011	0.00030	mg/Kg	☼	10/02/25 10:35	10/04/25 17:42	1
Cyclohexane	0.0011	U	0.0011	0.00024	mg/Kg	☼	10/02/25 10:35	10/04/25 17:42	1
Dichlorobromomethane	0.0011	U	0.0011	0.00028	mg/Kg	☼	10/02/25 10:35	10/04/25 17:42	1
Dichlorodifluoromethane	0.0011	U	0.0011	0.00037	mg/Kg	☼	10/02/25 10:35	10/04/25 17:42	1
Ethylbenzene	0.0011	U	0.0011	0.00051	mg/Kg	☼	10/02/25 10:35	10/04/25 17:42	1
Ethylene Dibromide	0.0011	U	0.0011	0.00055	mg/Kg	☼	10/02/25 10:35	10/04/25 17:42	1
Isopropylbenzene	0.0011	U	0.0011	0.00031	mg/Kg	☼	10/02/25 10:35	10/04/25 17:42	1
Methyl acetate	0.0055	U	0.0055	0.0047	mg/Kg	☼	10/02/25 10:35	10/04/25 17:42	1
Methyl tert-butyl ether	0.0011	U	0.0011	0.00056	mg/Kg	☼	10/02/25 10:35	10/04/25 17:42	1
Methylcyclohexane	0.0011	U	0.0011	0.00055	mg/Kg	☼	10/02/25 10:35	10/04/25 17:42	1
Methylene Chloride	**0.0028**		0.0022	0.0013	mg/Kg	☼	10/02/25 10:35	10/04/25 17:42	1
m-Xylene & p-Xylene	0.0011	U	0.0011	0.00046	mg/Kg	☼	10/02/25 10:35	10/04/25 17:42	1
n-Butylbenzene	0.0011	U	0.0011	0.00032	mg/Kg	☼	10/02/25 10:35	10/04/25 17:42	1
N-Propylbenzene	0.0011	U	0.0011	0.00049	mg/Kg	☼	10/02/25 10:35	10/04/25 17:42	1
o-Xylene	0.0011	U	0.0011	0.00051	mg/Kg	☼	10/02/25 10:35	10/04/25 17:42	1
sec-Butylbenzene	0.0011	U	0.0011	0.00032	mg/Kg	☼	10/02/25 10:35	10/04/25 17:42	1
Styrene	0.0011	U	0.0011	0.00030	mg/Kg	☼	10/02/25 10:35	10/04/25 17:42	1

Client Sample ID: 59D3_8-9

Lab Sample ID: 460-335975-43

Date Collected: 09/29/25 10:10
Matrix: Solid
Date Received: 09/29/25 15:30
Percent Solids: 92.7

Method: SW846 8260D - Volatile Organic Compounds by GC/MS (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
tert-Butylbenzene	0.0011	U	0.0011	0.00030	mg/Kg	☼	10/02/25 10:35	10/04/25 17:42	1
Tetrachloroethene	0.0011	U	0.0011	0.00033	mg/Kg	☼	10/02/25 10:35	10/04/25 17:42	1
Toluene	0.0011	U	0.0011	0.00026	mg/Kg	☼	10/02/25 10:35	10/04/25 17:42	1
trans-1,2-Dichloroethene	0.0011	U	0.0011	0.00027	mg/Kg	☼	10/02/25 10:35	10/04/25 17:42	1
trans-1,3-Dichloropropene	0.0011	U	0.0011	0.00029	mg/Kg	☼	10/02/25 10:35	10/04/25 17:42	1
Trichloroethene	0.0011	U	0.0011	0.00035	mg/Kg	☼	10/02/25 10:35	10/04/25 17:42	1
Trichlorofluoromethane	0.0011	U	0.0011	0.00045	mg/Kg	☼	10/02/25 10:35	10/04/25 17:42	1
Vinyl chloride	0.0011	U	0.0011	0.00060	mg/Kg	☼	10/02/25 10:35	10/04/25 17:42	1
Xylenes, Total	0.0022	U	0.0022	0.00019	mg/Kg	☼	10/02/25 10:35	10/04/25 17:42	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,2-Dichloroethane-d4 (Surr)	*113*		*65 - 138*	*10/02/25 10:35*	*10/04/25 17:42*	*1*
4-Bromofluorobenzene	*99*		*71 - 128*	*10/02/25 10:35*	*10/04/25 17:42*	*1*
Dibromofluoromethane (Surr)	*120*		*50 - 150*	*10/02/25 10:35*	*10/04/25 17:42*	*1*
Toluene-d8 (Surr)	*95*		*71 - 126*	*10/02/25 10:35*	*10/04/25 17:42*	*1*

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Percent Moisture (EPA Moisture)	**7.3**		1.0	1.0	%			10/02/25 17:24	1
Percent Solids (EPA Moisture)	**92.7**		1.0	1.0	%			10/02/25 17:24	1

Client Sample ID: 59D2_11-12

Lab Sample ID: 460-335975-44

Date Collected: 09/29/25 10:15
Matrix: Solid
Date Received: 09/29/25 15:30
Percent Solids: 93.2

Method: SW846 8260D - Volatile Organic Compounds by GC/MS

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1-Trichloroethane	0.0011	U	0.0011	0.00026	mg/Kg	☼	10/02/25 10:35	10/04/25 18:05	1
1,1,2,2-Tetrachloroethane	0.0011	U	0.0011	0.00059	mg/Kg	☼	10/02/25 10:35	10/04/25 18:05	1
1,1,2-Trichloro-1,2,2-trifluoroethane	0.0011	U	0.0011	0.00034	mg/Kg	☼	10/02/25 10:35	10/04/25 18:05	1
1,1,2-Trichloroethane	0.0011	U	0.0011	0.00068	mg/Kg	☼	10/02/25 10:35	10/04/25 18:05	1
1,1-Dichloroethane	0.0011	U	0.0011	0.00067	mg/Kg	☼	10/02/25 10:35	10/04/25 18:05	1
1,1-Dichloroethene	0.0011	U	0.0011	0.00025	mg/Kg	☼	10/02/25 10:35	10/04/25 18:05	1
1,2,3-Trichlorobenzene	0.0011	U	0.0011	0.00083	mg/Kg	☼	10/02/25 10:35	10/04/25 18:05	1
1,2,4-Trichlorobenzene	0.0011	U	0.0011	0.00040	mg/Kg	☼	10/02/25 10:35	10/04/25 18:05	1
1,2,4-Trimethylbenzene	0.0011	U	0.0011	0.00028	mg/Kg	☼	10/02/25 10:35	10/04/25 18:05	1
1,2-Dibromo-3-Chloropropane	0.0011	U	0.0011	0.00052	mg/Kg	☼	10/02/25 10:35	10/04/25 18:05	1
1,2-Dichlorobenzene	0.0011	U	0.0011	0.00041	mg/Kg	☼	10/02/25 10:35	10/04/25 18:05	1
1,2-Dichloroethane	0.0011	U	0.0011	0.00033	mg/Kg	☼	10/02/25 10:35	10/04/25 18:05	1
1,2-Dichloropropane	0.0011	U	0.0011	0.00048	mg/Kg	☼	10/02/25 10:35	10/04/25 18:05	1
1,3,5-Trimethylbenzene	0.0011	U	0.0011	0.00035	mg/Kg	☼	10/02/25 10:35	10/04/25 18:05	1
1,3-Dichlorobenzene	0.0011	U	0.0011	0.00041	mg/Kg	☼	10/02/25 10:35	10/04/25 18:05	1
1,4-Dichlorobenzene	0.0011	U	0.0011	0.00058	mg/Kg	☼	10/02/25 10:35	10/04/25 18:05	1
2-Butanone (MEK)	0.0056	U	0.0056	0.00041	mg/Kg	☼	10/02/25 10:35	10/04/25 18:05	1
2-Hexanone	0.0056	U	0.0056	0.0019	mg/Kg	☼	10/02/25 10:35	10/04/25 18:05	1
4-Methyl-2-pentanone (MIBK)	0.0056	U	0.0056	0.0018	mg/Kg	☼	10/02/25 10:35	10/04/25 18:05	1
Acetone	0.0068	U	0.0068	0.0064	mg/Kg	☼	10/02/25 10:35	10/04/25 18:05	1
Benzene	0.0011	U	0.0011	0.00064	mg/Kg	☼	10/02/25 10:35	10/04/25 18:05	1
Bromoform	0.0011	U	0.0011	0.00048	mg/Kg	☼	10/02/25 10:35	10/04/25 18:05	1
Bromomethane	0.0023	U	0.0023	0.0011	mg/Kg	☼	10/02/25 10:35	10/04/25 18:05	1

Client Sample ID: 59D2_11-12
Date Collected: 09/29/25 10:15
Date Received: 09/29/25 15:30

Lab Sample ID: 460-335975-44
Matrix: Solid
Percent Solids: 93.2

Method: SW846 8260D - Volatile Organic Compounds by GC/MS (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Carbon disulfide	0.0011	U	0.0011	0.00030	mg/Kg	☼	10/02/25 10:35	10/04/25 18:05	1
Carbon tetrachloride	0.0011	U	0.0011	0.00044	mg/Kg	☼	10/02/25 10:35	10/04/25 18:05	1
Chlorobenzene	0.0011	U	0.0011	0.00057	mg/Kg	☼	10/02/25 10:35	10/04/25 18:05	1
Chlorobromomethane	0.0011	U	0.0011	0.00067	mg/Kg	☼	10/02/25 10:35	10/04/25 18:05	1
Chlorodibromomethane	0.0011	U	0.0011	0.00060	mg/Kg	☼	10/02/25 10:35	10/04/25 18:05	1
Chloroethane	0.0011	U	0.0011	0.00059	mg/Kg	☼	10/02/25 10:35	10/04/25 18:05	1
Chloroform	0.0011	U	0.0011	0.0011	mg/Kg	☼	10/02/25 10:35	10/04/25 18:05	1
Chloromethane	0.0011	U	0.0011	0.00049	mg/Kg	☼	10/02/25 10:35	10/04/25 18:05	1
cis-1,2-Dichloroethene	0.0011	U	0.0011	0.00040	mg/Kg	☼	10/02/25 10:35	10/04/25 18:05	1
cis-1,3-Dichloropropene	0.0011	U	0.0011	0.00031	mg/Kg	☼	10/02/25 10:35	10/04/25 18:05	1
Cyclohexane	0.0011	U	0.0011	0.00025	mg/Kg	☼	10/02/25 10:35	10/04/25 18:05	1
Dichlorobromomethane	0.0011	U	0.0011	0.00029	mg/Kg	☼	10/02/25 10:35	10/04/25 18:05	1
Dichlorodifluoromethane	0.0011	U	0.0011	0.00038	mg/Kg	☼	10/02/25 10:35	10/04/25 18:05	1
Ethylbenzene	0.0011	U	0.0011	0.00053	mg/Kg	☼	10/02/25 10:35	10/04/25 18:05	1
Ethylene Dibromide	0.0011	U	0.0011	0.00057	mg/Kg	☼	10/02/25 10:35	10/04/25 18:05	1
Isopropylbenzene	0.0011	U	0.0011	0.00032	mg/Kg	☼	10/02/25 10:35	10/04/25 18:05	1
Methyl acetate	0.0056	U	0.0056	0.0048	mg/Kg	☼	10/02/25 10:35	10/04/25 18:05	1
Methyl tert-butyl ether	0.0011	U	0.0011	0.00058	mg/Kg	☼	10/02/25 10:35	10/04/25 18:05	1
Methylcyclohexane	0.0011	U	0.0011	0.00056	mg/Kg	☼	10/02/25 10:35	10/04/25 18:05	1
Methylene Chloride	**0.0028**		0.0023	0.0013	mg/Kg	☼	10/02/25 10:35	10/04/25 18:05	1
m-Xylene & p-Xylene	0.0011	U	0.0011	0.00048	mg/Kg	☼	10/02/25 10:35	10/04/25 18:05	1
n-Butylbenzene	0.0011	U	0.0011	0.00033	mg/Kg	☼	10/02/25 10:35	10/04/25 18:05	1
N-Propylbenzene	0.0011	U	0.0011	0.00051	mg/Kg	☼	10/02/25 10:35	10/04/25 18:05	1
o-Xylene	0.0011	U	0.0011	0.00052	mg/Kg	☼	10/02/25 10:35	10/04/25 18:05	1
sec-Butylbenzene	0.0011	U	0.0011	0.00032	mg/Kg	☼	10/02/25 10:35	10/04/25 18:05	1
Styrene	0.0011	U	0.0011	0.00031	mg/Kg	☼	10/02/25 10:35	10/04/25 18:05	1
tert-Butylbenzene	0.0011	U	0.0011	0.00031	mg/Kg	☼	10/02/25 10:35	10/04/25 18:05	1
Tetrachloroethene	0.0011	U	0.0011	0.00034	mg/Kg	☼	10/02/25 10:35	10/04/25 18:05	1
Toluene	0.0011	U	0.0011	0.00026	mg/Kg	☼	10/02/25 10:35	10/04/25 18:05	1
trans-1,2-Dichloroethene	0.0011	U	0.0011	0.00028	mg/Kg	☼	10/02/25 10:35	10/04/25 18:05	1
trans-1,3-Dichloropropene	0.0011	U	0.0011	0.00030	mg/Kg	☼	10/02/25 10:35	10/04/25 18:05	1
Trichloroethene	0.0011	U	0.0011	0.00036	mg/Kg	☼	10/02/25 10:35	10/04/25 18:05	1
Trichlorofluoromethane	0.0011	U	0.0011	0.00046	mg/Kg	☼	10/02/25 10:35	10/04/25 18:05	1
Vinyl chloride	0.0011	U	0.0011	0.00062	mg/Kg	☼	10/02/25 10:35	10/04/25 18:05	1
Xylenes, Total	**0.00041**	**J**	0.0023	0.00020	mg/Kg	☼	10/02/25 10:35	10/04/25 18:05	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,2-Dichloroethane-d4 (Surr)	*115*		*65 - 138*	*10/02/25 10:35*	*10/04/25 18:05*	*1*
4-Bromofluorobenzene	*99*		*71 - 128*	*10/02/25 10:35*	*10/04/25 18:05*	*1*
Dibromofluoromethane (Surr)	*114*		*50 - 150*	*10/02/25 10:35*	*10/04/25 18:05*	*1*
Toluene-d8 (Surr)	*96*		*71 - 126*	*10/02/25 10:35*	*10/04/25 18:05*	*1*

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Percent Moisture (EPA Moisture)	**6.8**		1.0	1.0	%			10/02/25 17:24	1
Percent Solids (EPA Moisture)	**93.2**		1.0	1.0	%			10/02/25 17:24	1

Client: Haley & Aldrich, Inc.
Project/Site: Former Port Mobil

Job ID: 460-335975-1

Client Sample ID: 59E1_1-2
Date Collected: 09/29/25 10:20
Date Received: 09/29/25 15:30

Lab Sample ID: 460-335975-45
Matrix: Solid
Percent Solids: 95.6

Method: SW846 8260D - Volatile Organic Compounds by GC/MS

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1-Trichloroethane	0.0022	U	0.0022	0.00052	mg/Kg	☼	10/02/25 11:03	10/04/25 18:28	1
1,1,2,2-Tetrachloroethane	0.0022	U	0.0022	0.0012	mg/Kg	☼	10/02/25 11:03	10/04/25 18:28	1
1,1,2-Trichloro-1,2,2-trifluoroethane	0.0022	U	0.0022	0.00067	mg/Kg	☼	10/02/25 11:03	10/04/25 18:28	1
1,1,2-Trichloroethane	0.0022	U	0.0022	0.0013	mg/Kg	☼	10/02/25 11:03	10/04/25 18:28	1
1,1-Dichloroethane	0.0022	U	0.0022	0.0013	mg/Kg	☼	10/02/25 11:03	10/04/25 18:28	1
1,1-Dichloroethene	0.0022	U	0.0022	0.00050	mg/Kg	☼	10/02/25 11:03	10/04/25 18:28	1
1,2,3-Trichlorobenzene	0.0022	U	0.0022	0.0016	mg/Kg	☼	10/02/25 11:03	10/04/25 18:28	1
1,2,4-Trichlorobenzene	0.0022	U	0.0022	0.00079	mg/Kg	☼	10/02/25 11:03	10/04/25 18:28	1
1,2,4-Trimethylbenzene	0.0022	U	0.0022	0.00054	mg/Kg	☼	10/02/25 11:03	10/04/25 18:28	1
1,2-Dibromo-3-Chloropropane	0.0022	U	0.0022	0.0010	mg/Kg	☼	10/02/25 11:03	10/04/25 18:28	1
1,2-Dichlorobenzene	0.0022	U	0.0022	0.00080	mg/Kg	☼	10/02/25 11:03	10/04/25 18:28	1
1,2-Dichloroethane	0.0022	U	0.0022	0.00065	mg/Kg	☼	10/02/25 11:03	10/04/25 18:28	1
1,2-Dichloropropane	0.0022	U	0.0022	0.00094	mg/Kg	☼	10/02/25 11:03	10/04/25 18:28	1
1,3,5-Trimethylbenzene	0.0022	U	0.0022	0.00069	mg/Kg	☼	10/02/25 11:03	10/04/25 18:28	1
1,3-Dichlorobenzene	0.0022	U	0.0022	0.00081	mg/Kg	☼	10/02/25 11:03	10/04/25 18:28	1
1,4-Dichlorobenzene	0.0022	U	0.0022	0.0011	mg/Kg	☼	10/02/25 11:03	10/04/25 18:28	1
2-Butanone (MEK)	0.011	U	0.011	0.00081	mg/Kg	☼	10/02/25 11:03	10/04/25 18:28	1
2-Hexanone	0.011	U	0.011	0.0038	mg/Kg	☼	10/02/25 11:03	10/04/25 18:28	1
4-Methyl-2-pentanone (MIBK)	0.011	U	0.011	0.0034	mg/Kg	☼	10/02/25 11:03	10/04/25 18:28	1
Acetone	0.013	U	0.013	0.013	mg/Kg	☼	10/02/25 11:03	10/04/25 18:28	1
Benzene	0.0022	U	0.0022	0.0013	mg/Kg	☼	10/02/25 11:03	10/04/25 18:28	1
Bromoform	0.0022	U	0.0022	0.00094	mg/Kg	☼	10/02/25 11:03	10/04/25 18:28	1
Bromomethane	0.0044	U	0.0044	0.0022	mg/Kg	☼	10/02/25 11:03	10/04/25 18:28	1
Carbon disulfide	0.0022	U	0.0022	0.00059	mg/Kg	☼	10/02/25 11:03	10/04/25 18:28	1
Carbon tetrachloride	0.0022	U	0.0022	0.00086	mg/Kg	☼	10/02/25 11:03	10/04/25 18:28	1
Chlorobenzene	0.0022	U	0.0022	0.0011	mg/Kg	☼	10/02/25 11:03	10/04/25 18:28	1
Chlorobromomethane	0.0022	U	0.0022	0.0013	mg/Kg	☼	10/02/25 11:03	10/04/25 18:28	1
Chlorodibromomethane	0.0022	U	0.0022	0.0012	mg/Kg	☼	10/02/25 11:03	10/04/25 18:28	1
Chloroethane	0.0022	U	0.0022	0.0012	mg/Kg	☼	10/02/25 11:03	10/04/25 18:28	1
Chloroform	0.0022	U	0.0022	0.0021	mg/Kg	☼	10/02/25 11:03	10/04/25 18:28	1
Chloromethane	0.0022	U	0.0022	0.00096	mg/Kg	☼	10/02/25 11:03	10/04/25 18:28	1
cis-1,2-Dichloroethene	0.0022	U	0.0022	0.00079	mg/Kg	☼	10/02/25 11:03	10/04/25 18:28	1
cis-1,3-Dichloropropene	0.0022	U	0.0022	0.00060	mg/Kg	☼	10/02/25 11:03	10/04/25 18:28	1
Cyclohexane	0.0022	U	0.0022	0.00049	mg/Kg	☼	10/02/25 11:03	10/04/25 18:28	1
Dichlorobromomethane	0.0022	U	0.0022	0.00057	mg/Kg	☼	10/02/25 11:03	10/04/25 18:28	1
Dichlorodifluoromethane	0.0022	U	0.0022	0.00075	mg/Kg	☼	10/02/25 11:03	10/04/25 18:28	1
Ethylbenzene	0.0022	U	0.0022	0.0010	mg/Kg	☼	10/02/25 11:03	10/04/25 18:28	1
Ethylene Dibromide	0.0022	U	0.0022	0.0011	mg/Kg	☼	10/02/25 11:03	10/04/25 18:28	1
Isopropylbenzene	0.0022	U	0.0022	0.00063	mg/Kg	☼	10/02/25 11:03	10/04/25 18:28	1
Methyl acetate	0.011	U	0.011	0.0095	mg/Kg	☼	10/02/25 11:03	10/04/25 18:28	1
Methyl tert-butyl ether	0.0022	U	0.0022	0.0011	mg/Kg	☼	10/02/25 11:03	10/04/25 18:28	1
Methylcyclohexane	0.0022	U	0.0022	0.0011	mg/Kg	☼	10/02/25 11:03	10/04/25 18:28	1
Methylene Chloride	0.0044	U	0.0044	0.0025	mg/Kg	☼	10/02/25 11:03	10/04/25 18:28	1
m-Xylene & p-Xylene	0.0022	U	0.0022	0.00094	mg/Kg	☼	10/02/25 11:03	10/04/25 18:28	1
n-Butylbenzene	0.0022	U	0.0022	0.00065	mg/Kg	☼	10/02/25 11:03	10/04/25 18:28	1
N-Propylbenzene	0.0022	U	0.0022	0.00099	mg/Kg	☼	10/02/25 11:03	10/04/25 18:28	1
o-Xylene	0.0022	U	0.0022	0.0010	mg/Kg	☼	10/02/25 11:03	10/04/25 18:28	1
sec-Butylbenzene	0.0022	U	0.0022	0.00064	mg/Kg	☼	10/02/25 11:03	10/04/25 18:28	1
Styrene	0.0022	U	0.0022	0.00061	mg/Kg	☼	10/02/25 11:03	10/04/25 18:28	1

Client Sample ID: 59E1_1-2

Lab Sample ID: 460-335975-45
Date Collected: 09/29/25 10:20
Matrix: Solid
Date Received: 09/29/25 15:30
Percent Solids: 95.6

Method: SW846 8260D - Volatile Organic Compounds by GC/MS (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
tert-Butylbenzene	0.0022	U	0.0022	0.00061	mg/Kg	☼	10/02/25 11:03	10/04/25 18:28	1
Tetrachloroethene	0.0022	U	0.0022	0.00067	mg/Kg	☼	10/02/25 11:03	10/04/25 18:28	1
Toluene	0.0022	U	0.0022	0.00052	mg/Kg	☼	10/02/25 11:03	10/04/25 18:28	1
trans-1,2-Dichloroethene	0.0022	U	0.0022	0.00054	mg/Kg	☼	10/02/25 11:03	10/04/25 18:28	1
trans-1,3-Dichloropropene	0.0022	U	0.0022	0.00059	mg/Kg	☼	10/02/25 11:03	10/04/25 18:28	1
Trichloroethene	0.0022	U	0.0022	0.00071	mg/Kg	☼	10/02/25 11:03	10/04/25 18:28	1
Trichlorofluoromethane	0.0022	U	0.0022	0.00090	mg/Kg	☼	10/02/25 11:03	10/04/25 18:28	1
Vinyl chloride	0.0022	U	0.0022	0.0012	mg/Kg	☼	10/02/25 11:03	10/04/25 18:28	1
Xylenes, Total	0.0044	U	0.0044	0.00038	mg/Kg	☼	10/02/25 11:03	10/04/25 18:28	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,2-Dichloroethane-d4 (Surr)	*112*		*65 - 138*	*10/02/25 11:03*	*10/04/25 18:28*	*1*
4-Bromofluorobenzene	*109*		*71 - 128*	*10/02/25 11:03*	*10/04/25 18:28*	*1*
Dibromofluoromethane (Surr)	*114*		*50 - 150*	*10/02/25 11:03*	*10/04/25 18:28*	*1*
Toluene-d8 (Surr)	*100*		*71 - 126*	*10/02/25 11:03*	*10/04/25 18:28*	*1*

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Percent Moisture (EPA Moisture)	**4.4**		1.0	1.0	%			10/02/25 17:24	1
Percent Solids (EPA Moisture)	**95.6**		1.0	1.0	%			10/02/25 17:24	1

Client Sample ID: 59E2_2-3

Lab Sample ID: 460-335975-46
Date Collected: 09/29/25 10:25
Matrix: Solid
Date Received: 09/29/25 15:30
Percent Solids: 98.9

Method: SW846 8260D - Volatile Organic Compounds by GC/MS

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1-Trichloroethane	0.0012	U	0.0012	0.00028	mg/Kg	☼	10/02/25 11:03	10/04/25 18:51	1
1,1,2,2-Tetrachloroethane	0.0012	U	0.0012	0.00063	mg/Kg	☼	10/02/25 11:03	10/04/25 18:51	1
1,1,2-Trichloro-1,2,2-trifluoroethane	0.0012	U	0.0012	0.00036	mg/Kg	☼	10/02/25 11:03	10/04/25 18:51	1
1,1,2-Trichloroethane	0.0012	U	0.0012	0.00072	mg/Kg	☼	10/02/25 11:03	10/04/25 18:51	1
1,1-Dichloroethane	0.0012	U	0.0012	0.00072	mg/Kg	☼	10/02/25 11:03	10/04/25 18:51	1
1,1-Dichloroethene	0.0012	U	0.0012	0.00027	mg/Kg	☼	10/02/25 11:03	10/04/25 18:51	1
1,2,3-Trichlorobenzene	0.0012	U	0.0012	0.00089	mg/Kg	☼	10/02/25 11:03	10/04/25 18:51	1
1,2,4-Trichlorobenzene	0.0012	U	0.0012	0.00043	mg/Kg	☼	10/02/25 11:03	10/04/25 18:51	1
1,2,4-Trimethylbenzene	0.0012	U	0.0012	0.00030	mg/Kg	☼	10/02/25 11:03	10/04/25 18:51	1
1,2-Dibromo-3-Chloropropane	0.0012	U	0.0012	0.00055	mg/Kg	☼	10/02/25 11:03	10/04/25 18:51	1
1,2-Dichlorobenzene	0.0012	U	0.0012	0.00044	mg/Kg	☼	10/02/25 11:03	10/04/25 18:51	1
1,2-Dichloroethane	0.0012	U	0.0012	0.00036	mg/Kg	☼	10/02/25 11:03	10/04/25 18:51	1
1,2-Dichloropropane	0.0012	U	0.0012	0.00051	mg/Kg	☼	10/02/25 11:03	10/04/25 18:51	1
1,3,5-Trimethylbenzene	0.0012	U	0.0012	0.00038	mg/Kg	☼	10/02/25 11:03	10/04/25 18:51	1
1,3-Dichlorobenzene	0.0012	U	0.0012	0.00044	mg/Kg	☼	10/02/25 11:03	10/04/25 18:51	1
1,4-Dichlorobenzene	0.0012	U	0.0012	0.00063	mg/Kg	☼	10/02/25 11:03	10/04/25 18:51	1
2-Butanone (MEK)	0.0060	U	0.0060	0.00044	mg/Kg	☼	10/02/25 11:03	10/04/25 18:51	1
2-Hexanone	0.0060	U	0.0060	0.0021	mg/Kg	☼	10/02/25 11:03	10/04/25 18:51	1
4-Methyl-2-pentanone (MIBK)	0.0060	U	0.0060	0.0019	mg/Kg	☼	10/02/25 11:03	10/04/25 18:51	1
Acetone	0.0072	U	0.0072	0.0069	mg/Kg	☼	10/02/25 11:03	10/04/25 18:51	1
Benzene	0.0012	U	0.0012	0.00068	mg/Kg	☼	10/02/25 11:03	10/04/25 18:51	1
Bromoform	0.0012	U	0.0012	0.00051	mg/Kg	☼	10/02/25 11:03	10/04/25 18:51	1
Bromomethane	0.0024	U	0.0024	0.0012	mg/Kg	☼	10/02/25 11:03	10/04/25 18:51	1

Client Sample ID: 59E2_2-3
Date Collected: 09/29/25 10:25
Date Received: 09/29/25 15:30

Lab Sample ID: 460-335975-46
Matrix: Solid
Percent Solids: 98.9

Method: SW846 8260D - Volatile Organic Compounds by GC/MS (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Carbon disulfide	0.0012	U	0.0012	0.00032	mg/Kg	☼	10/02/25 11:03	10/04/25 18:51	1
Carbon tetrachloride	0.0012	U	0.0012	0.00047	mg/Kg	☼	10/02/25 11:03	10/04/25 18:51	1
Chlorobenzene	0.0012	U	0.0012	0.00061	mg/Kg	☼	10/02/25 11:03	10/04/25 18:51	1
Chlorobromomethane	0.0012	U	0.0012	0.00072	mg/Kg	☼	10/02/25 11:03	10/04/25 18:51	1
Chlorodibromomethane	0.0012	U	0.0012	0.00065	mg/Kg	☼	10/02/25 11:03	10/04/25 18:51	1
Chloroethane	0.0012	U	0.0012	0.00063	mg/Kg	☼	10/02/25 11:03	10/04/25 18:51	1
Chloroform	0.0012	U	0.0012	0.0012	mg/Kg	☼	10/02/25 11:03	10/04/25 18:51	1
Chloromethane	0.0012	U	0.0012	0.00052	mg/Kg	☼	10/02/25 11:03	10/04/25 18:51	1
cis-1,2-Dichloroethene	0.0012	U	0.0012	0.00043	mg/Kg	☼	10/02/25 11:03	10/04/25 18:51	1
cis-1,3-Dichloropropene	0.0012	U	0.0012	0.00033	mg/Kg	☼	10/02/25 11:03	10/04/25 18:51	1
Cyclohexane	0.0012	U	0.0012	0.00027	mg/Kg	☼	10/02/25 11:03	10/04/25 18:51	1
Dichlorobromomethane	0.0012	U	0.0012	0.00031	mg/Kg	☼	10/02/25 11:03	10/04/25 18:51	1
Dichlorodifluoromethane	0.0012	U	0.0012	0.00041	mg/Kg	☼	10/02/25 11:03	10/04/25 18:51	1
Ethylbenzene	0.0012	U	0.0012	0.00056	mg/Kg	☼	10/02/25 11:03	10/04/25 18:51	1
Ethylene Dibromide	0.0012	U	0.0012	0.00061	mg/Kg	☼	10/02/25 11:03	10/04/25 18:51	1
Isopropylbenzene	0.0012	U	0.0012	0.00034	mg/Kg	☼	10/02/25 11:03	10/04/25 18:51	1
Methyl acetate	0.0060	U	0.0060	0.0052	mg/Kg	☼	10/02/25 11:03	10/04/25 18:51	1
Methyl tert-butyl ether	0.0012	U	0.0012	0.00062	mg/Kg	☼	10/02/25 11:03	10/04/25 18:51	1
Methylcyclohexane	0.0012	U	0.0012	0.00060	mg/Kg	☼	10/02/25 11:03	10/04/25 18:51	1
Methylene Chloride	0.0024	U	0.0024	0.0014	mg/Kg	☼	10/02/25 11:03	10/04/25 18:51	1
m-Xylene & p-Xylene	0.0012	U	0.0012	0.00051	mg/Kg	☼	10/02/25 11:03	10/04/25 18:51	1
n-Butylbenzene	0.0012	U	0.0012	0.00035	mg/Kg	☼	10/02/25 11:03	10/04/25 18:51	1
N-Propylbenzene	0.0012	U	0.0012	0.00054	mg/Kg	☼	10/02/25 11:03	10/04/25 18:51	1
o-Xylene	0.0012	U	0.0012	0.00056	mg/Kg	☼	10/02/25 11:03	10/04/25 18:51	1
sec-Butylbenzene	0.0012	U	0.0012	0.00035	mg/Kg	☼	10/02/25 11:03	10/04/25 18:51	1
Styrene	0.0012	U	0.0012	0.00034	mg/Kg	☼	10/02/25 11:03	10/04/25 18:51	1
tert-Butylbenzene	0.0012	U	0.0012	0.00033	mg/Kg	☼	10/02/25 11:03	10/04/25 18:51	1
Tetrachloroethene	0.0012	U	0.0012	0.00037	mg/Kg	☼	10/02/25 11:03	10/04/25 18:51	1
Toluene	0.0012	U	0.0012	0.00028	mg/Kg	☼	10/02/25 11:03	10/04/25 18:51	1
trans-1,2-Dichloroethene	0.0012	U	0.0012	0.00030	mg/Kg	☼	10/02/25 11:03	10/04/25 18:51	1
trans-1,3-Dichloropropene	0.0012	U	0.0012	0.00032	mg/Kg	☼	10/02/25 11:03	10/04/25 18:51	1
Trichloroethene	0.0012	U	0.0012	0.00039	mg/Kg	☼	10/02/25 11:03	10/04/25 18:51	1
Trichlorofluoromethane	0.0012	U	0.0012	0.00049	mg/Kg	☼	10/02/25 11:03	10/04/25 18:51	1
Vinyl chloride	0.0012	U	0.0012	0.00066	mg/Kg	☼	10/02/25 11:03	10/04/25 18:51	1
Xylenes, Total	0.0024	U	0.0024	0.00021	mg/Kg	☼	10/02/25 11:03	10/04/25 18:51	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,2-Dichloroethane-d4 (Surr)	*113*		*65 - 138*	*10/02/25 11:03*	*10/04/25 18:51*	*1*
4-Bromofluorobenzene	*103*		*71 - 128*	*10/02/25 11:03*	*10/04/25 18:51*	*1*
Dibromofluoromethane (Surr)	*117*		*50 - 150*	*10/02/25 11:03*	*10/04/25 18:51*	*1*
Toluene-d8 (Surr)	*98*		*71 - 126*	*10/02/25 11:03*	*10/04/25 18:51*	*1*

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Percent Moisture (EPA Moisture)	**1.1**		1.0	1.0	%			10/02/25 17:24	1
Percent Solids (EPA Moisture)	**98.9**		1.0	1.0	%			10/02/25 17:24	1

Client Sample ID: 59E3_4-5

Date Collected: 09/29/25 10:30
Date Received: 09/29/25 15:30

Lab Sample ID: 460-335975-47

Matrix: Solid
Percent Solids: 94.8

Method: SW846 8260D - Volatile Organic Compounds by GC/MS

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1-Trichloroethane	0.00097	U	0.00097	0.00023	mg/Kg	☼	10/02/25 11:03	10/04/25 19:14	1
1,1,2,2-Tetrachloroethane	0.00097	U	0.00097	0.00051	mg/Kg	☼	10/02/25 11:03	10/04/25 19:14	1
1,1,2-Trichloro-1,2,2-trifluoroethane	0.00097	U	0.00097	0.00029	mg/Kg	☼	10/02/25 11:03	10/04/25 19:14	1
1,1,2-Trichloroethane	0.00097	U	0.00097	0.00059	mg/Kg	☼	10/02/25 11:03	10/04/25 19:14	1
1,1-Dichloroethane	0.00097	U	0.00097	0.00058	mg/Kg	☼	10/02/25 11:03	10/04/25 19:14	1
1,1-Dichloroethene	0.00097	U	0.00097	0.00022	mg/Kg	☼	10/02/25 11:03	10/04/25 19:14	1
1,2,3-Trichlorobenzene	0.00097	U	0.00097	0.00072	mg/Kg	☼	10/02/25 11:03	10/04/25 19:14	1
1,2,4-Trichlorobenzene	0.00097	U	0.00097	0.00035	mg/Kg	☼	10/02/25 11:03	10/04/25 19:14	1
1,2,4-Trimethylbenzene	0.00097	U	0.00097	0.00024	mg/Kg	☼	10/02/25 11:03	10/04/25 19:14	1
1,2-Dibromo-3-Chloropropane	0.00097	U	0.00097	0.00045	mg/Kg	☼	10/02/25 11:03	10/04/25 19:14	1
1,2-Dichlorobenzene	0.00097	U	0.00097	0.00035	mg/Kg	☼	10/02/25 11:03	10/04/25 19:14	1
1,2-Dichloroethane	0.00097	U	0.00097	0.00029	mg/Kg	☼	10/02/25 11:03	10/04/25 19:14	1
1,2-Dichloropropane	0.00097	U	0.00097	0.00041	mg/Kg	☼	10/02/25 11:03	10/04/25 19:14	1
1,3,5-Trimethylbenzene	0.00097	U	0.00097	0.00031	mg/Kg	☼	10/02/25 11:03	10/04/25 19:14	1
1,3-Dichlorobenzene	0.00097	U	0.00097	0.00036	mg/Kg	☼	10/02/25 11:03	10/04/25 19:14	1
1,4-Dichlorobenzene	0.00097	U	0.00097	0.00051	mg/Kg	☼	10/02/25 11:03	10/04/25 19:14	1
2-Butanone (MEK)	0.0049	U	0.0049	0.00036	mg/Kg	☼	10/02/25 11:03	10/04/25 19:14	1
2-Hexanone	0.0049	U	0.0049	0.0017	mg/Kg	☼	10/02/25 11:03	10/04/25 19:14	1
4-Methyl-2-pentanone (MIBK)	0.0049	U	0.0049	0.0015	mg/Kg	☼	10/02/25 11:03	10/04/25 19:14	1
Acetone	0.0058	U	0.0058	0.0056	mg/Kg	☼	10/02/25 11:03	10/04/25 19:14	1
Benzene	0.00097	U	0.00097	0.00055	mg/Kg	☼	10/02/25 11:03	10/04/25 19:14	1
Bromoform	0.00097	U	0.00097	0.00041	mg/Kg	☼	10/02/25 11:03	10/04/25 19:14	1
Bromomethane	0.0019	U	0.0019	0.00097	mg/Kg	☼	10/02/25 11:03	10/04/25 19:14	1
Carbon disulfide	0.00097	U	0.00097	0.00026	mg/Kg	☼	10/02/25 11:03	10/04/25 19:14	1
Carbon tetrachloride	0.00097	U	0.00097	0.00038	mg/Kg	☼	10/02/25 11:03	10/04/25 19:14	1
Chlorobenzene	0.00097	U	0.00097	0.00049	mg/Kg	☼	10/02/25 11:03	10/04/25 19:14	1
Chlorobromomethane	0.00097	U	0.00097	0.00058	mg/Kg	☼	10/02/25 11:03	10/04/25 19:14	1
Chlorodibromomethane	0.00097	U	0.00097	0.00052	mg/Kg	☼	10/02/25 11:03	10/04/25 19:14	1
Chloroethane	0.00097	U	0.00097	0.00051	mg/Kg	☼	10/02/25 11:03	10/04/25 19:14	1
Chloroform	0.00097	U	0.00097	0.00095	mg/Kg	☼	10/02/25 11:03	10/04/25 19:14	1
Chloromethane	0.00097	U	0.00097	0.00042	mg/Kg	☼	10/02/25 11:03	10/04/25 19:14	1
cis-1,2-Dichloroethene	0.00097	U	0.00097	0.00035	mg/Kg	☼	10/02/25 11:03	10/04/25 19:14	1
cis-1,3-Dichloropropene	0.00097	U	0.00097	0.00027	mg/Kg	☼	10/02/25 11:03	10/04/25 19:14	1
Cyclohexane	0.00097	U	0.00097	0.00022	mg/Kg	☼	10/02/25 11:03	10/04/25 19:14	1
Dichlorobromomethane	0.00097	U	0.00097	0.00025	mg/Kg	☼	10/02/25 11:03	10/04/25 19:14	1
Dichlorodifluoromethane	0.00097	U	0.00097	0.00033	mg/Kg	☼	10/02/25 11:03	10/04/25 19:14	1
Ethylbenzene	0.00097	U	0.00097	0.00046	mg/Kg	☼	10/02/25 11:03	10/04/25 19:14	1
Ethylene Dibromide	0.00097	U	0.00097	0.00049	mg/Kg	☼	10/02/25 11:03	10/04/25 19:14	1
Isopropylbenzene	0.00097	U	0.00097	0.00028	mg/Kg	☼	10/02/25 11:03	10/04/25 19:14	1
Methyl acetate	0.0049	U	0.0049	0.0042	mg/Kg	☼	10/02/25 11:03	10/04/25 19:14	1
Methyl tert-butyl ether	0.00097	U	0.00097	0.00050	mg/Kg	☼	10/02/25 11:03	10/04/25 19:14	1
Methylcyclohexane	0.00097	U	0.00097	0.00049	mg/Kg	☼	10/02/25 11:03	10/04/25 19:14	1
Methylene Chloride	**0.0027**		0.0019	0.0011	mg/Kg	☼	10/02/25 11:03	10/04/25 19:14	1
m-Xylene & p-Xylene	0.00097	U	0.00097	0.00041	mg/Kg	☼	10/02/25 11:03	10/04/25 19:14	1
n-Butylbenzene	0.00097	U	0.00097	0.00029	mg/Kg	☼	10/02/25 11:03	10/04/25 19:14	1
N-Propylbenzene	0.00097	U	0.00097	0.00044	mg/Kg	☼	10/02/25 11:03	10/04/25 19:14	1
o-Xylene	0.00097	U	0.00097	0.00045	mg/Kg	☼	10/02/25 11:03	10/04/25 19:14	1
sec-Butylbenzene	0.00097	U	0.00097	0.00028	mg/Kg	☼	10/02/25 11:03	10/04/25 19:14	1
Styrene	0.00097	U	0.00097	0.00027	mg/Kg	☼	10/02/25 11:03	10/04/25 19:14	1

Client Sample ID: 59E3_4-5

Date Collected: 09/29/25 10:30
Date Received: 09/29/25 15:30

Lab Sample ID: 460-335975-47

Matrix: Solid
Percent Solids: 94.8

Method: SW846 8260D - Volatile Organic Compounds by GC/MS (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
tert-Butylbenzene	0.00097	U	0.00097	0.00027	mg/Kg	☼	10/02/25 11:03	10/04/25 19:14	1
Tetrachloroethene	0.00097	U	0.00097	0.00030	mg/Kg	☼	10/02/25 11:03	10/04/25 19:14	1
Toluene	0.00097	U	0.00097	0.00023	mg/Kg	☼	10/02/25 11:03	10/04/25 19:14	1
trans-1,2-Dichloroethene	0.00097	U	0.00097	0.00024	mg/Kg	☼	10/02/25 11:03	10/04/25 19:14	1
trans-1,3-Dichloropropene	0.00097	U	0.00097	0.00026	mg/Kg	☼	10/02/25 11:03	10/04/25 19:14	1
Trichloroethene	0.00097	U	0.00097	0.00031	mg/Kg	☼	10/02/25 11:03	10/04/25 19:14	1
Trichlorofluoromethane	0.00097	U	0.00097	0.00040	mg/Kg	☼	10/02/25 11:03	10/04/25 19:14	1
Vinyl chloride	0.00097	U	0.00097	0.00053	mg/Kg	☼	10/02/25 11:03	10/04/25 19:14	1
Xylenes, Total	0.0019	U	0.0019	0.00017	mg/Kg	☼	10/02/25 11:03	10/04/25 19:14	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,2-Dichloroethane-d4 (Surr)	*116*		*65 - 138*	*10/02/25 11:03*	*10/04/25 19:14*	*1*
4-Bromofluorobenzene	*100*		*71 - 128*	*10/02/25 11:03*	*10/04/25 19:14*	*1*
Dibromofluoromethane (Surr)	*120*		*50 - 150*	*10/02/25 11:03*	*10/04/25 19:14*	*1*
Toluene-d8 (Surr)	*96*		*71 - 126*	*10/02/25 11:03*	*10/04/25 19:14*	*1*

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Percent Moisture (EPA Moisture)	**5.2**		1.0	1.0	%			10/02/25 17:24	1
Percent Solids (EPA Moisture)	**94.8**		1.0	1.0	%			10/02/25 17:24	1

Client Sample ID: 59E1_6-7

Date Collected: 09/29/25 10:35
Date Received: 09/29/25 15:30

Lab Sample ID: 460-335975-48

Matrix: Solid
Percent Solids: 91.8

Method: SW846 8260D - Volatile Organic Compounds by GC/MS

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1-Trichloroethane	0.0012	U	0.0012	0.00028	mg/Kg	☼	10/02/25 11:04	10/06/25 02:54	1
1,1,2,2-Tetrachloroethane	0.0012	U	0.0012	0.00062	mg/Kg	☼	10/02/25 11:04	10/06/25 02:54	1
1,1,2-Trichloro-1,2,2-trifluoroethane	0.0012	U	0.0012	0.00036	mg/Kg	☼	10/02/25 11:04	10/06/25 02:54	1
1,1,2-Trichloroethane	0.0012	U	0.0012	0.00072	mg/Kg	☼	10/02/25 11:04	10/06/25 02:54	1
1,1-Dichloroethane	0.0012	U	0.0012	0.00071	mg/Kg	☼	10/02/25 11:04	10/06/25 02:54	1
1,1-Dichloroethene	0.0012	U	0.0012	0.00027	mg/Kg	☼	10/02/25 11:04	10/06/25 02:54	1
1,2,3-Trichlorobenzene	0.0012	U	0.0012	0.00088	mg/Kg	☼	10/02/25 11:04	10/06/25 02:54	1
1,2,4-Trichlorobenzene	0.0012	U	0.0012	0.00043	mg/Kg	☼	10/02/25 11:04	10/06/25 02:54	1
1,2,4-Trimethylbenzene	0.0012	U	0.0012	0.00029	mg/Kg	☼	10/02/25 11:04	10/06/25 02:54	1
1,2-Dibromo-3-Chloropropane	0.0012	U	0.0012	0.00055	mg/Kg	☼	10/02/25 11:04	10/06/25 02:54	1
1,2-Dichlorobenzene	0.0012	U	0.0012	0.00043	mg/Kg	☼	10/02/25 11:04	10/06/25 02:54	1
1,2-Dichloroethane	0.0012	U	0.0012	0.00035	mg/Kg	☼	10/02/25 11:04	10/06/25 02:54	1
1,2-Dichloropropane	0.0012	U	0.0012	0.00051	mg/Kg	☼	10/02/25 11:04	10/06/25 02:54	1
1,3,5-Trimethylbenzene	0.0012	U	0.0012	0.00038	mg/Kg	☼	10/02/25 11:04	10/06/25 02:54	1
1,3-Dichlorobenzene	0.0012	U	0.0012	0.00044	mg/Kg	☼	10/02/25 11:04	10/06/25 02:54	1
1,4-Dichlorobenzene	0.0012	U	0.0012	0.00062	mg/Kg	☼	10/02/25 11:04	10/06/25 02:54	1
2-Butanone (MEK)	0.0060	U	0.0060	0.00044	mg/Kg	☼	10/02/25 11:04	10/06/25 02:54	1
2-Hexanone	0.0060	U	0.0060	0.0020	mg/Kg	☼	10/02/25 11:04	10/06/25 02:54	1
4-Methyl-2-pentanone (MIBK)	0.0060	U	0.0060	0.0019	mg/Kg	☼	10/02/25 11:04	10/06/25 02:54	1
Acetone	0.0072	U	0.0072	0.0068	mg/Kg	☼	10/02/25 11:04	10/06/25 02:54	1
Benzene	0.0012	U	0.0012	0.00068	mg/Kg	☼	10/02/25 11:04	10/06/25 02:54	1
Bromoform	0.0012	U	0.0012	0.00051	mg/Kg	☼	10/02/25 11:04	10/06/25 02:54	1
Bromomethane	0.0024	U	0.0024	0.0012	mg/Kg	☼	10/02/25 11:04	10/06/25 02:54	1

Client Sample ID: 59E1_6-7

Date Collected: 09/29/25 10:35
Date Received: 09/29/25 15:30

Lab Sample ID: 460-335975-48

Matrix: Solid
Percent Solids: 91.8

Method: SW846 8260D - Volatile Organic Compounds by GC/MS (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Carbon disulfide	0.0012	U	0.0012	0.00032	mg/Kg	☼	10/02/25 11:04	10/06/25 02:54	1
Carbon tetrachloride	0.0012	U	0.0012	0.00046	mg/Kg	☼	10/02/25 11:04	10/06/25 02:54	1
Chlorobenzene	0.0012	U	0.0012	0.00061	mg/Kg	☼	10/02/25 11:04	10/06/25 02:54	1
Chlorobromomethane	0.0012	U	0.0012	0.00071	mg/Kg	☼	10/02/25 11:04	10/06/25 02:54	1
Chlorodibromomethane	0.0012	U	0.0012	0.00064	mg/Kg	☼	10/02/25 11:04	10/06/25 02:54	1
Chloroethane	0.0012	U	0.0012	0.00062	mg/Kg	☼	10/02/25 11:04	10/06/25 02:54	1
Chloroform	0.0012	U	0.0012	0.0012	mg/Kg	☼	10/02/25 11:04	10/06/25 02:54	1
Chloromethane	0.0012	U	0.0012	0.00052	mg/Kg	☼	10/02/25 11:04	10/06/25 02:54	1
cis-1,2-Dichloroethene	0.0012	U	0.0012	0.00043	mg/Kg	☼	10/02/25 11:04	10/06/25 02:54	1
cis-1,3-Dichloropropene	0.0012	U	0.0012	0.00033	mg/Kg	☼	10/02/25 11:04	10/06/25 02:54	1
Cyclohexane	0.0012	U	0.0012	0.00026	mg/Kg	☼	10/02/25 11:04	10/06/25 02:54	1
Dichlorobromomethane	0.0012	U	0.0012	0.00031	mg/Kg	☼	10/02/25 11:04	10/06/25 02:54	1
Dichlorodifluoromethane	0.0012	U	0.0012	0.00040	mg/Kg	☼	10/02/25 11:04	10/06/25 02:54	1
Ethylbenzene	0.0012	U	0.0012	0.00056	mg/Kg	☼	10/02/25 11:04	10/06/25 02:54	1
Ethylene Dibromide	0.0012	U	0.0012	0.00060	mg/Kg	☼	10/02/25 11:04	10/06/25 02:54	1
Isopropylbenzene	0.0012	U	0.0012	0.00034	mg/Kg	☼	10/02/25 11:04	10/06/25 02:54	1
Methyl acetate	0.0060	U	0.0060	0.0051	mg/Kg	☼	10/02/25 11:04	10/06/25 02:54	1
Methyl tert-butyl ether	0.0012	U	0.0012	0.00061	mg/Kg	☼	10/02/25 11:04	10/06/25 02:54	1
Methylcyclohexane	0.0012	U	0.0012	0.00060	mg/Kg	☼	10/02/25 11:04	10/06/25 02:54	1
Methylene Chloride	**0.0022**	**J**	0.0024	0.0014	mg/Kg	☼	10/02/25 11:04	10/06/25 02:54	1
m-Xylene & p-Xylene	0.0012	U	0.0012	0.00051	mg/Kg	☼	10/02/25 11:04	10/06/25 02:54	1
n-Butylbenzene	0.0012	U	0.0012	0.00035	mg/Kg	☼	10/02/25 11:04	10/06/25 02:54	1
N-Propylbenzene	0.0012	U	0.0012	0.00054	mg/Kg	☼	10/02/25 11:04	10/06/25 02:54	1
o-Xylene	0.0012	U	0.0012	0.00055	mg/Kg	☼	10/02/25 11:04	10/06/25 02:54	1
sec-Butylbenzene	0.0012	U	0.0012	0.00034	mg/Kg	☼	10/02/25 11:04	10/06/25 02:54	1
Styrene	0.0012	U	0.0012	0.00033	mg/Kg	☼	10/02/25 11:04	10/06/25 02:54	1
tert-Butylbenzene	0.0012	U	0.0012	0.00033	mg/Kg	☼	10/02/25 11:04	10/06/25 02:54	1
Tetrachloroethene	0.0012	U	0.0012	0.00037	mg/Kg	☼	10/02/25 11:04	10/06/25 02:54	1
Toluene	0.0012	U	0.0012	0.00028	mg/Kg	☼	10/02/25 11:04	10/06/25 02:54	1
trans-1,2-Dichloroethene	0.0012	U	0.0012	0.00029	mg/Kg	☼	10/02/25 11:04	10/06/25 02:54	1
trans-1,3-Dichloropropene	0.0012	U	0.0012	0.00032	mg/Kg	☼	10/02/25 11:04	10/06/25 02:54	1
Trichloroethene	0.0012	U	0.0012	0.00038	mg/Kg	☼	10/02/25 11:04	10/06/25 02:54	1
Trichlorofluoromethane	0.0012	U	0.0012	0.00049	mg/Kg	☼	10/02/25 11:04	10/06/25 02:54	1
Vinyl chloride	0.0012	U	0.0012	0.00065	mg/Kg	☼	10/02/25 11:04	10/06/25 02:54	1
Xylenes, Total	0.0024	U	0.0024	0.00021	mg/Kg	☼	10/02/25 11:04	10/06/25 02:54	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,2-Dichloroethane-d4 (Surr)	*104*		*65 - 138*	*10/02/25 11:04*	*10/06/25 02:54*	*1*
4-Bromofluorobenzene	*108*		*71 - 128*	*10/02/25 11:04*	*10/06/25 02:54*	*1*
Dibromofluoromethane (Surr)	*101*		*50 - 150*	*10/02/25 11:04*	*10/06/25 02:54*	*1*
Toluene-d8 (Surr)	*107*		*71 - 126*	*10/02/25 11:04*	*10/06/25 02:54*	*1*

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Percent Moisture (EPA Moisture)	**8.2**		1.0	1.0	%			10/02/25 17:24	1
Percent Solids (EPA Moisture)	**91.8**		1.0	1.0	%			10/02/25 17:24	1

Client: Haley & Aldrich, Inc.
Project/Site: Former Port Mobil

Job ID: 460-335975-1

Client Sample ID: 59E2_8-9
Date Collected: 09/29/25 10:40
Date Received: 09/29/25 15:30

Lab Sample ID: 460-335975-49
Matrix: Solid
Percent Solids: 95.6

Method: SW846 8260D - Volatile Organic Compounds by GC/MS

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1-Trichloroethane	0.0012	U	0.0012	0.00027	mg/Kg	☼	10/02/25 11:04	10/06/25 03:18	1
1,1,2,2-Tetrachloroethane	0.0012	U	0.0012	0.00061	mg/Kg	☼	10/02/25 11:04	10/06/25 03:18	1
1,1,2-Trichloro-1,2,2-trifluoroethane	0.0012	U	0.0012	0.00035	mg/Kg	☼	10/02/25 11:04	10/06/25 03:18	1
1,1,2-Trichloroethane	0.0012	U	0.0012	0.00070	mg/Kg	☼	10/02/25 11:04	10/06/25 03:18	1
1,1-Dichloroethane	0.0012	U	0.0012	0.00070	mg/Kg	☼	10/02/25 11:04	10/06/25 03:18	1
1,1-Dichloroethene	0.0012	U	0.0012	0.00026	mg/Kg	☼	10/02/25 11:04	10/06/25 03:18	1
1,2,3-Trichlorobenzene	0.0012	U	0.0012	0.00086	mg/Kg	☼	10/02/25 11:04	10/06/25 03:18	1
1,2,4-Trichlorobenzene	0.0012	U	0.0012	0.00042	mg/Kg	☼	10/02/25 11:04	10/06/25 03:18	1
1,2,4-Trimethylbenzene	0.0012	U	0.0012	0.00029	mg/Kg	☼	10/02/25 11:04	10/06/25 03:18	1
1,2-Dibromo-3-Chloropropane	0.0012	U	0.0012	0.00054	mg/Kg	☼	10/02/25 11:04	10/06/25 03:18	1
1,2-Dichlorobenzene	0.0012	U	0.0012	0.00042	mg/Kg	☼	10/02/25 11:04	10/06/25 03:18	1
1,2-Dichloroethane	0.0012	U	0.0012	0.00035	mg/Kg	☼	10/02/25 11:04	10/06/25 03:18	1
1,2-Dichloropropane	0.0012	U	0.0012	0.00049	mg/Kg	☼	10/02/25 11:04	10/06/25 03:18	1
1,3,5-Trimethylbenzene	0.0012	U	0.0012	0.00037	mg/Kg	☼	10/02/25 11:04	10/06/25 03:18	1
1,3-Dichlorobenzene	0.0012	U	0.0012	0.00043	mg/Kg	☼	10/02/25 11:04	10/06/25 03:18	1
1,4-Dichlorobenzene	0.0012	U	0.0012	0.00061	mg/Kg	☼	10/02/25 11:04	10/06/25 03:18	1
2-Butanone (MEK)	0.0058	U	0.0058	0.00043	mg/Kg	☼	10/02/25 11:04	10/06/25 03:18	1
2-Hexanone	0.0058	U	0.0058	0.0020	mg/Kg	☼	10/02/25 11:04	10/06/25 03:18	1
4-Methyl-2-pentanone (MIBK)	0.0058	U	0.0058	0.0018	mg/Kg	☼	10/02/25 11:04	10/06/25 03:18	1
Acetone	0.0070	U	0.0070	0.0067	mg/Kg	☼	10/02/25 11:04	10/06/25 03:18	1
Benzene	0.0012	U	0.0012	0.00066	mg/Kg	☼	10/02/25 11:04	10/06/25 03:18	1
Bromoform	0.0012	U	0.0012	0.00050	mg/Kg	☼	10/02/25 11:04	10/06/25 03:18	1
Bromomethane	0.0023	U	0.0023	0.0012	mg/Kg	☼	10/02/25 11:04	10/06/25 03:18	1
Carbon disulfide	0.0012	U	0.0012	0.00031	mg/Kg	☼	10/02/25 11:04	10/06/25 03:18	1
Carbon tetrachloride	0.0012	U	0.0012	0.00045	mg/Kg	☼	10/02/25 11:04	10/06/25 03:18	1
Chlorobenzene	0.0012	U	0.0012	0.00059	mg/Kg	☼	10/02/25 11:04	10/06/25 03:18	1
Chlorobromomethane	0.0012	U	0.0012	0.00070	mg/Kg	☼	10/02/25 11:04	10/06/25 03:18	1
Chlorodibromomethane	0.0012	U	0.0012	0.00063	mg/Kg	☼	10/02/25 11:04	10/06/25 03:18	1
Chloroethane	0.0012	U	0.0012	0.00061	mg/Kg	☼	10/02/25 11:04	10/06/25 03:18	1
Chloroform	0.0012	U	0.0012	0.0011	mg/Kg	☼	10/02/25 11:04	10/06/25 03:18	1
Chloromethane	0.0012	U	0.0012	0.00051	mg/Kg	☼	10/02/25 11:04	10/06/25 03:18	1
cis-1,2-Dichloroethene	0.0012	U	0.0012	0.00042	mg/Kg	☼	10/02/25 11:04	10/06/25 03:18	1
cis-1,3-Dichloropropene	0.0012	U	0.0012	0.00032	mg/Kg	☼	10/02/25 11:04	10/06/25 03:18	1
Cyclohexane	0.0012	U	0.0012	0.00026	mg/Kg	☼	10/02/25 11:04	10/06/25 03:18	1
Dichlorobromomethane	0.0012	U	0.0012	0.00030	mg/Kg	☼	10/02/25 11:04	10/06/25 03:18	1
Dichlorodifluoromethane	0.0012	U	0.0012	0.00039	mg/Kg	☼	10/02/25 11:04	10/06/25 03:18	1
Ethylbenzene	0.0012	U	0.0012	0.00055	mg/Kg	☼	10/02/25 11:04	10/06/25 03:18	1
Ethylene Dibromide	0.0012	U	0.0012	0.00059	mg/Kg	☼	10/02/25 11:04	10/06/25 03:18	1
Isopropylbenzene	0.0012	U	0.0012	0.00033	mg/Kg	☼	10/02/25 11:04	10/06/25 03:18	1
Methyl acetate	0.0058	U	0.0058	0.0050	mg/Kg	☼	10/02/25 11:04	10/06/25 03:18	1
Methyl tert-butyl ether	0.0012	U	0.0012	0.00060	mg/Kg	☼	10/02/25 11:04	10/06/25 03:18	1
Methylcyclohexane	0.0012	U	0.0012	0.00058	mg/Kg	☼	10/02/25 11:04	10/06/25 03:18	1
Methylene Chloride	**0.0020**	**J**	0.0023	0.0013	mg/Kg	☼	10/02/25 11:04	10/06/25 03:18	1
m-Xylene & p-Xylene	0.0012	U	0.0012	0.00049	mg/Kg	☼	10/02/25 11:04	10/06/25 03:18	1
n-Butylbenzene	0.0012	U	0.0012	0.00034	mg/Kg	☼	10/02/25 11:04	10/06/25 03:18	1
N-Propylbenzene	0.0012	U	0.0012	0.00052	mg/Kg	☼	10/02/25 11:04	10/06/25 03:18	1
o-Xylene	0.0012	U	0.0012	0.00054	mg/Kg	☼	10/02/25 11:04	10/06/25 03:18	1
sec-Butylbenzene	0.0012	U	0.0012	0.00034	mg/Kg	☼	10/02/25 11:04	10/06/25 03:18	1
Styrene	0.0012	U	0.0012	0.00032	mg/Kg	☼	10/02/25 11:04	10/06/25 03:18	1

Client Sample ID: 59E2_8-9

Lab Sample ID: 460-335975-49

Date Collected: 09/29/25 10:40
Matrix: Solid
Date Received: 09/29/25 15:30
Percent Solids: 95.6

Method: SW846 8260D - Volatile Organic Compounds by GC/MS (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
tert-Butylbenzene	0.0012	U	0.0012	0.00032	mg/Kg	☼	10/02/25 11:04	10/06/25 03:18	1
Tetrachloroethene	0.0012	U	0.0012	0.00036	mg/Kg	☼	10/02/25 11:04	10/06/25 03:18	1
Toluene	0.0012	U	0.0012	0.00027	mg/Kg	☼	10/02/25 11:04	10/06/25 03:18	1
trans-1,2-Dichloroethene	0.0012	U	0.0012	0.00029	mg/Kg	☼	10/02/25 11:04	10/06/25 03:18	1
trans-1,3-Dichloropropene	0.0012	U	0.0012	0.00031	mg/Kg	☼	10/02/25 11:04	10/06/25 03:18	1
Trichloroethene	0.0012	U	0.0012	0.00037	mg/Kg	☼	10/02/25 11:04	10/06/25 03:18	1
Trichlorofluoromethane	0.0012	U	0.0012	0.00047	mg/Kg	☼	10/02/25 11:04	10/06/25 03:18	1
Vinyl chloride	0.0012	U	0.0012	0.00064	mg/Kg	☼	10/02/25 11:04	10/06/25 03:18	1
Xylenes, Total	0.0023	U	0.0023	0.00020	mg/Kg	☼	10/02/25 11:04	10/06/25 03:18	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,2-Dichloroethane-d4 (Surr)	*103*		*65 - 138*	*10/02/25 11:04*	*10/06/25 03:18*	*1*
4-Bromofluorobenzene	*100*		*71 - 128*	*10/02/25 11:04*	*10/06/25 03:18*	*1*
Dibromofluoromethane (Surr)	*101*		*50 - 150*	*10/02/25 11:04*	*10/06/25 03:18*	*1*
Toluene-d8 (Surr)	*104*		*71 - 126*	*10/02/25 11:04*	*10/06/25 03:18*	*1*

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Percent Moisture (EPA Moisture)	**4.4**		1.0	1.0	%			10/02/25 17:24	1
Percent Solids (EPA Moisture)	**95.6**		1.0	1.0	%			10/02/25 17:24	1

Client Sample ID: 59E3_9-10

Lab Sample ID: 460-335975-50

Date Collected: 09/29/25 10:45
Matrix: Solid
Date Received: 09/29/25 15:30
Percent Solids: 92.5

Method: SW846 8260D - Volatile Organic Compounds by GC/MS

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1-Trichloroethane	0.00096	U	0.00096	0.00022	mg/Kg	☼	10/02/25 11:04	10/04/25 20:23	1
1,1,2,2-Tetrachloroethane	0.00096	U	0.00096	0.00050	mg/Kg	☼	10/02/25 11:04	10/04/25 20:23	1
1,1,2-Trichloro-1,2,2-trifluoroethane	0.00096	U	0.00096	0.00029	mg/Kg	☼	10/02/25 11:04	10/04/25 20:23	1
1,1,2-Trichloroethane	0.00096	U	0.00096	0.00058	mg/Kg	☼	10/02/25 11:04	10/04/25 20:23	1
1,1-Dichloroethane	0.00096	U	0.00096	0.00058	mg/Kg	☼	10/02/25 11:04	10/04/25 20:23	1
1,1-Dichloroethene	0.00096	U	0.00096	0.00022	mg/Kg	☼	10/02/25 11:04	10/04/25 20:23	1
1,2,3-Trichlorobenzene	0.00096	U	0.00096	0.00071	mg/Kg	☼	10/02/25 11:04	10/04/25 20:23	1
1,2,4-Trichlorobenzene	0.00096	U	0.00096	0.00035	mg/Kg	☼	10/02/25 11:04	10/04/25 20:23	1
1,2,4-Trimethylbenzene	0.00096	U	0.00096	0.00024	mg/Kg	☼	10/02/25 11:04	10/04/25 20:23	1
1,2-Dibromo-3-Chloropropane	0.00096	U	0.00096	0.00044	mg/Kg	☼	10/02/25 11:04	10/04/25 20:23	1
1,2-Dichlorobenzene	0.00096	U	0.00096	0.00035	mg/Kg	☼	10/02/25 11:04	10/04/25 20:23	1
1,2-Dichloroethane	0.00096	U	0.00096	0.00029	mg/Kg	☼	10/02/25 11:04	10/04/25 20:23	1
1,2-Dichloropropane	0.00096	U	0.00096	0.00041	mg/Kg	☼	10/02/25 11:04	10/04/25 20:23	1
1,3,5-Trimethylbenzene	0.00096	U	0.00096	0.00030	mg/Kg	☼	10/02/25 11:04	10/04/25 20:23	1
1,3-Dichlorobenzene	0.00096	U	0.00096	0.00035	mg/Kg	☼	10/02/25 11:04	10/04/25 20:23	1
1,4-Dichlorobenzene	0.00096	U	0.00096	0.00050	mg/Kg	☼	10/02/25 11:04	10/04/25 20:23	1
2-Butanone (MEK)	0.0048	U	0.0048	0.00035	mg/Kg	☼	10/02/25 11:04	10/04/25 20:23	1
2-Hexanone	0.0048	U	0.0048	0.0016	mg/Kg	☼	10/02/25 11:04	10/04/25 20:23	1
4-Methyl-2-pentanone (MIBK)	0.0048	U	0.0048	0.0015	mg/Kg	☼	10/02/25 11:04	10/04/25 20:23	1
Acetone	0.0058	U	0.0058	0.0055	mg/Kg	☼	10/02/25 11:04	10/04/25 20:23	1
Benzene	0.00096	U	0.00096	0.00055	mg/Kg	☼	10/02/25 11:04	10/04/25 20:23	1
Bromoform	0.00096	U	0.00096	0.00041	mg/Kg	☼	10/02/25 11:04	10/04/25 20:23	1
Bromomethane	0.0019	U	0.0019	0.00096	mg/Kg	☼	10/02/25 11:04	10/04/25 20:23	1

Client Sample ID: 59E3_9-10
Date Collected: 09/29/25 10:45
Date Received: 09/29/25 15:30

Lab Sample ID: 460-335975-50
Matrix: Solid
Percent Solids: 92.5

Method: SW846 8260D - Volatile Organic Compounds by GC/MS (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Carbon disulfide	0.00096	U	0.00096	0.00026	mg/Kg	☼	10/02/25 11:04	10/04/25 20:23	1
Carbon tetrachloride	0.00096	U	0.00096	0.00037	mg/Kg	☼	10/02/25 11:04	10/04/25 20:23	1
Chlorobenzene	0.00096	U	0.00096	0.00049	mg/Kg	☼	10/02/25 11:04	10/04/25 20:23	1
Chlorobromomethane	0.00096	U	0.00096	0.00057	mg/Kg	☼	10/02/25 11:04	10/04/25 20:23	1
Chlorodibromomethane	0.00096	U	0.00096	0.00052	mg/Kg	☼	10/02/25 11:04	10/04/25 20:23	1
Chloroethane	0.00096	U	0.00096	0.00050	mg/Kg	☼	10/02/25 11:04	10/04/25 20:23	1
Chloroform	0.00096	U	0.00096	0.00094	mg/Kg	☼	10/02/25 11:04	10/04/25 20:23	1
Chloromethane	0.00096	U	0.00096	0.00042	mg/Kg	☼	10/02/25 11:04	10/04/25 20:23	1
cis-1,2-Dichloroethene	0.00096	U	0.00096	0.00035	mg/Kg	☼	10/02/25 11:04	10/04/25 20:23	1
cis-1,3-Dichloropropene	0.00096	U	0.00096	0.00026	mg/Kg	☼	10/02/25 11:04	10/04/25 20:23	1
Cyclohexane	0.00096	U	0.00096	0.00021	mg/Kg	☼	10/02/25 11:04	10/04/25 20:23	1
Dichlorobromomethane	0.00096	U	0.00096	0.00025	mg/Kg	☼	10/02/25 11:04	10/04/25 20:23	1
Dichlorodifluoromethane	0.00096	U	0.00096	0.00033	mg/Kg	☼	10/02/25 11:04	10/04/25 20:23	1
Ethylbenzene	0.00096	U	0.00096	0.00045	mg/Kg	☼	10/02/25 11:04	10/04/25 20:23	1
Ethylene Dibromide	0.00096	U	0.00096	0.00049	mg/Kg	☼	10/02/25 11:04	10/04/25 20:23	1
Isopropylbenzene	0.00096	U	0.00096	0.00027	mg/Kg	☼	10/02/25 11:04	10/04/25 20:23	1
Methyl acetate	0.0048	U	0.0048	0.0041	mg/Kg	☼	10/02/25 11:04	10/04/25 20:23	1
Methyl tert-butyl ether	0.00096	U	0.00096	0.00049	mg/Kg	☼	10/02/25 11:04	10/04/25 20:23	1
Methylcyclohexane	0.00096	U	0.00096	0.00048	mg/Kg	☼	10/02/25 11:04	10/04/25 20:23	1
Methylene Chloride	**0.0019**		0.0019	0.0011	mg/Kg	☼	10/02/25 11:04	10/04/25 20:23	1
m-Xylene & p-Xylene	0.00096	U	0.00096	0.00041	mg/Kg	☼	10/02/25 11:04	10/04/25 20:23	1
n-Butylbenzene	0.00096	U	0.00096	0.00028	mg/Kg	☼	10/02/25 11:04	10/04/25 20:23	1
N-Propylbenzene	0.00096	U	0.00096	0.00043	mg/Kg	☼	10/02/25 11:04	10/04/25 20:23	1
o-Xylene	0.00096	U	0.00096	0.00044	mg/Kg	☼	10/02/25 11:04	10/04/25 20:23	1
sec-Butylbenzene	0.00096	U	0.00096	0.00028	mg/Kg	☼	10/02/25 11:04	10/04/25 20:23	1
Styrene	0.00096	U	0.00096	0.00027	mg/Kg	☼	10/02/25 11:04	10/04/25 20:23	1
tert-Butylbenzene	0.00096	U	0.00096	0.00027	mg/Kg	☼	10/02/25 11:04	10/04/25 20:23	1
Tetrachloroethene	0.00096	U	0.00096	0.00029	mg/Kg	☼	10/02/25 11:04	10/04/25 20:23	1
Toluene	0.00096	U	0.00096	0.00023	mg/Kg	☼	10/02/25 11:04	10/04/25 20:23	1
trans-1,2-Dichloroethene	0.00096	U	0.00096	0.00024	mg/Kg	☼	10/02/25 11:04	10/04/25 20:23	1
trans-1,3-Dichloropropene	0.00096	U	0.00096	0.00026	mg/Kg	☼	10/02/25 11:04	10/04/25 20:23	1
Trichloroethene	0.00096	U	0.00096	0.00031	mg/Kg	☼	10/02/25 11:04	10/04/25 20:23	1
Trichlorofluoromethane	0.00096	U	0.00096	0.00039	mg/Kg	☼	10/02/25 11:04	10/04/25 20:23	1
Vinyl chloride	0.00096	U	0.00096	0.00053	mg/Kg	☼	10/02/25 11:04	10/04/25 20:23	1
Xylenes, Total	0.0019	U	0.0019	0.00017	mg/Kg	☼	10/02/25 11:04	10/04/25 20:23	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,2-Dichloroethane-d4 (Surr)	*114*		*65 - 138*	*10/02/25 11:04*	*10/04/25 20:23*	*1*
4-Bromofluorobenzene	*101*		*71 - 128*	*10/02/25 11:04*	*10/04/25 20:23*	*1*
Dibromofluoromethane (Surr)	*114*		*50 - 150*	*10/02/25 11:04*	*10/04/25 20:23*	*1*
Toluene-d8 (Surr)	*96*		*71 - 126*	*10/02/25 11:04*	*10/04/25 20:23*	*1*

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Percent Moisture (EPA Moisture)	**7.5**		1.0	1.0	%			10/02/25 17:24	1
Percent Solids (EPA Moisture)	**92.5**		1.0	1.0	%			10/02/25 17:24	1

Client: Haley & Aldrich, Inc.
Project/Site: Former Port Mobil

Job ID: 460-335975-1

Client Sample ID: 59E1_11-12
Date Collected: 09/29/25 10:50
Date Received: 09/29/25 15:30

Lab Sample ID: 460-335975-51
Matrix: Solid
Percent Solids: 98.6

Method: SW846 8260D - Volatile Organic Compounds by GC/MS

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1-Trichloroethane	0.0012	U	0.0012	0.00029	mg/Kg	☼	10/02/25 11:05	10/04/25 20:46	1
1,1,2,2-Tetrachloroethane	0.0012	U	0.0012	0.00064	mg/Kg	☼	10/02/25 11:05	10/04/25 20:46	1
1,1,2-Trichloro-1,2,2-trifluoroethane	0.0012	U	0.0012	0.00037	mg/Kg	☼	10/02/25 11:05	10/04/25 20:46	1
1,1,2-Trichloroethane	0.0012	U	0.0012	0.00074	mg/Kg	☼	10/02/25 11:05	10/04/25 20:46	1
1,1-Dichloroethane	0.0012	U	0.0012	0.00073	mg/Kg	☼	10/02/25 11:05	10/04/25 20:46	1
1,1-Dichloroethene	0.0012	U	0.0012	0.00028	mg/Kg	☼	10/02/25 11:05	10/04/25 20:46	1
1,2,3-Trichlorobenzene	0.0012	U	0.0012	0.00090	mg/Kg	☼	10/02/25 11:05	10/04/25 20:46	1
1,2,4-Trichlorobenzene	0.0012	U	0.0012	0.00044	mg/Kg	☼	10/02/25 11:05	10/04/25 20:46	1
1,2,4-Trimethylbenzene	0.0012	U	0.0012	0.00030	mg/Kg	☼	10/02/25 11:05	10/04/25 20:46	1
1,2-Dibromo-3-Chloropropane	0.0012	U	0.0012	0.00056	mg/Kg	☼	10/02/25 11:05	10/04/25 20:46	1
1,2-Dichlorobenzene	0.0012	U	0.0012	0.00044	mg/Kg	☼	10/02/25 11:05	10/04/25 20:46	1
1,2-Dichloroethane	0.0012	U	0.0012	0.00036	mg/Kg	☼	10/02/25 11:05	10/04/25 20:46	1
1,2-Dichloropropane	0.0012	U	0.0012	0.00052	mg/Kg	☼	10/02/25 11:05	10/04/25 20:46	1
1,3,5-Trimethylbenzene	0.0012	U	0.0012	0.00038	mg/Kg	☼	10/02/25 11:05	10/04/25 20:46	1
1,3-Dichlorobenzene	0.0012	U	0.0012	0.00045	mg/Kg	☼	10/02/25 11:05	10/04/25 20:46	1
1,4-Dichlorobenzene	0.0012	U	0.0012	0.00063	mg/Kg	☼	10/02/25 11:05	10/04/25 20:46	1
2-Butanone (MEK)	0.0061	U	0.0061	0.00045	mg/Kg	☼	10/02/25 11:05	10/04/25 20:46	1
2-Hexanone	0.0061	U	0.0061	0.0021	mg/Kg	☼	10/02/25 11:05	10/04/25 20:46	1
4-Methyl-2-pentanone (MIBK)	0.0061	U	0.0061	0.0019	mg/Kg	☼	10/02/25 11:05	10/04/25 20:46	1
Acetone	0.0073	U	0.0073	0.0070	mg/Kg	☼	10/02/25 11:05	10/04/25 20:46	1
Benzene	0.0012	U	0.0012	0.00069	mg/Kg	☼	10/02/25 11:05	10/04/25 20:46	1
Bromoform	0.0012	U	0.0012	0.00052	mg/Kg	☼	10/02/25 11:05	10/04/25 20:46	1
Bromomethane	0.0024	U	0.0024	0.0012	mg/Kg	☼	10/02/25 11:05	10/04/25 20:46	1
Carbon disulfide	0.0012	U	0.0012	0.00033	mg/Kg	☼	10/02/25 11:05	10/04/25 20:46	1
Carbon tetrachloride	0.0012	U	0.0012	0.00047	mg/Kg	☼	10/02/25 11:05	10/04/25 20:46	1
Chlorobenzene	0.0012	U	0.0012	0.00062	mg/Kg	☼	10/02/25 11:05	10/04/25 20:46	1
Chlorobromomethane	0.0012	U	0.0012	0.00073	mg/Kg	☼	10/02/25 11:05	10/04/25 20:46	1
Chlorodibromomethane	0.0012	U	0.0012	0.00066	mg/Kg	☼	10/02/25 11:05	10/04/25 20:46	1
Chloroethane	0.0012	U	0.0012	0.00064	mg/Kg	☼	10/02/25 11:05	10/04/25 20:46	1
Chloroform	0.0012	U	0.0012	0.0012	mg/Kg	☼	10/02/25 11:05	10/04/25 20:46	1
Chloromethane	0.0012	U	0.0012	0.00053	mg/Kg	☼	10/02/25 11:05	10/04/25 20:46	1
cis-1,2-Dichloroethene	0.0012	U	0.0012	0.00044	mg/Kg	☼	10/02/25 11:05	10/04/25 20:46	1
cis-1,3-Dichloropropene	0.0012	U	0.0012	0.00033	mg/Kg	☼	10/02/25 11:05	10/04/25 20:46	1
Cyclohexane	0.0012	U	0.0012	0.00027	mg/Kg	☼	10/02/25 11:05	10/04/25 20:46	1
Dichlorobromomethane	0.0012	U	0.0012	0.00031	mg/Kg	☼	10/02/25 11:05	10/04/25 20:46	1
Dichlorodifluoromethane	0.0012	U	0.0012	0.00041	mg/Kg	☼	10/02/25 11:05	10/04/25 20:46	1
Ethylbenzene	0.0012	U	0.0012	0.00057	mg/Kg	☼	10/02/25 11:05	10/04/25 20:46	1
Ethylene Dibromide	0.0012	U	0.0012	0.00062	mg/Kg	☼	10/02/25 11:05	10/04/25 20:46	1
Isopropylbenzene	0.0012	U	0.0012	0.00035	mg/Kg	☼	10/02/25 11:05	10/04/25 20:46	1
Methyl acetate	0.0061	U	0.0061	0.0053	mg/Kg	☼	10/02/25 11:05	10/04/25 20:46	1
Methyl tert-butyl ether	0.0012	U	0.0012	0.00063	mg/Kg	☼	10/02/25 11:05	10/04/25 20:46	1
Methylcyclohexane	0.0012	U	0.0012	0.00061	mg/Kg	☼	10/02/25 11:05	10/04/25 20:46	1
Methylene Chloride	0.0024	U	0.0024	0.0014	mg/Kg	☼	10/02/25 11:05	10/04/25 20:46	1
m-Xylene & p-Xylene	0.0012	U	0.0012	0.00052	mg/Kg	☼	10/02/25 11:05	10/04/25 20:46	1
n-Butylbenzene	0.0012	U	0.0012	0.00036	mg/Kg	☼	10/02/25 11:05	10/04/25 20:46	1
N-Propylbenzene	0.0012	U	0.0012	0.00055	mg/Kg	☼	10/02/25 11:05	10/04/25 20:46	1
o-Xylene	0.0012	U	0.0012	0.00056	mg/Kg	☼	10/02/25 11:05	10/04/25 20:46	1
sec-Butylbenzene	0.0012	U	0.0012	0.00035	mg/Kg	☼	10/02/25 11:05	10/04/25 20:46	1
Styrene	0.0012	U	0.0012	0.00034	mg/Kg	☼	10/02/25 11:05	10/04/25 20:46	1

Client Sample ID: 59E1_11-12

Lab Sample ID: 460-335975-51
Date Collected: 09/29/25 10:50
Matrix: Solid
Date Received: 09/29/25 15:30
Percent Solids: 98.6

Method: SW846 8260D - Volatile Organic Compounds by GC/MS (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
tert-Butylbenzene	0.0012	U	0.0012	0.00034	mg/Kg	☼	10/02/25 11:05	10/04/25 20:46	1
Tetrachloroethene	0.0012	U	0.0012	0.00037	mg/Kg	☼	10/02/25 11:05	10/04/25 20:46	1
Toluene	0.0012	U	0.0012	0.00029	mg/Kg	☼	10/02/25 11:05	10/04/25 20:46	1
trans-1,2-Dichloroethene	0.0012	U	0.0012	0.00030	mg/Kg	☼	10/02/25 11:05	10/04/25 20:46	1
trans-1,3-Dichloropropene	0.0012	U	0.0012	0.00033	mg/Kg	☼	10/02/25 11:05	10/04/25 20:46	1
Trichloroethene	0.0012	U	0.0012	0.00039	mg/Kg	☼	10/02/25 11:05	10/04/25 20:46	1
Trichlorofluoromethane	0.0012	U	0.0012	0.00050	mg/Kg	☼	10/02/25 11:05	10/04/25 20:46	1
Vinyl chloride	0.0012	U	0.0012	0.00067	mg/Kg	☼	10/02/25 11:05	10/04/25 20:46	1
Xylenes, Total	0.0024	U	0.0024	0.00021	mg/Kg	☼	10/02/25 11:05	10/04/25 20:46	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,2-Dichloroethane-d4 (Surr)	*111*		*65 - 138*	*10/02/25 11:05*	*10/04/25 20:46*	*1*
4-Bromofluorobenzene	*104*		*71 - 128*	*10/02/25 11:05*	*10/04/25 20:46*	*1*
Dibromofluoromethane (Surr)	*115*		*50 - 150*	*10/02/25 11:05*	*10/04/25 20:46*	*1*
Toluene-d8 (Surr)	*98*		*71 - 126*	*10/02/25 11:05*	*10/04/25 20:46*	*1*

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Percent Moisture (EPA Moisture)	**1.4**		1.0	1.0	%			10/02/25 17:24	1
Percent Solids (EPA Moisture)	**98.6**		1.0	1.0	%			10/02/25 17:24	1

Client Sample ID: 59F1_1-2

Lab Sample ID: 460-335975-52
Date Collected: 09/29/25 10:55
Matrix: Solid
Date Received: 09/29/25 15:30
Percent Solids: 99.7

Method: SW846 8260D - Volatile Organic Compounds by GC/MS

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1-Trichloroethane	0.0011	U	0.0011	0.00026	mg/Kg	☼	10/02/25 11:05	10/04/25 21:09	1
1,1,2,2-Tetrachloroethane	0.0011	U	0.0011	0.00059	mg/Kg	☼	10/02/25 11:05	10/04/25 21:09	1
1,1,2-Trichloro-1,2,2-trifluoroethane	0.0011	U	0.0011	0.00034	mg/Kg	☼	10/02/25 11:05	10/04/25 21:09	1
1,1,2-Trichloroethane	0.0011	U	0.0011	0.00067	mg/Kg	☼	10/02/25 11:05	10/04/25 21:09	1
1,1-Dichloroethane	0.0011	U	0.0011	0.00067	mg/Kg	☼	10/02/25 11:05	10/04/25 21:09	1
1,1-Dichloroethene	0.0011	U	0.0011	0.00025	mg/Kg	☼	10/02/25 11:05	10/04/25 21:09	1
1,2,3-Trichlorobenzene	0.0011	U	0.0011	0.00083	mg/Kg	☼	10/02/25 11:05	10/04/25 21:09	1
1,2,4-Trichlorobenzene	0.0011	U	0.0011	0.00040	mg/Kg	☼	10/02/25 11:05	10/04/25 21:09	1
1,2,4-Trimethylbenzene	0.0011	U	0.0011	0.00028	mg/Kg	☼	10/02/25 11:05	10/04/25 21:09	1
1,2-Dibromo-3-Chloropropane	0.0011	U	0.0011	0.00052	mg/Kg	☼	10/02/25 11:05	10/04/25 21:09	1
1,2-Dichlorobenzene	0.0011	U	0.0011	0.00040	mg/Kg	☼	10/02/25 11:05	10/04/25 21:09	1
1,2-Dichloroethane	0.0011	U	0.0011	0.00033	mg/Kg	☼	10/02/25 11:05	10/04/25 21:09	1
1,2-Dichloropropane	0.0011	U	0.0011	0.00047	mg/Kg	☼	10/02/25 11:05	10/04/25 21:09	1
1,3,5-Trimethylbenzene	0.0011	U	0.0011	0.00035	mg/Kg	☼	10/02/25 11:05	10/04/25 21:09	1
1,3-Dichlorobenzene	0.0011	U	0.0011	0.00041	mg/Kg	☼	10/02/25 11:05	10/04/25 21:09	1
1,4-Dichlorobenzene	0.0011	U	0.0011	0.00058	mg/Kg	☼	10/02/25 11:05	10/04/25 21:09	1
2-Butanone (MEK)	0.0056	U	0.0056	0.00041	mg/Kg	☼	10/02/25 11:05	10/04/25 21:09	1
2-Hexanone	0.0056	U	0.0056	0.0019	mg/Kg	☼	10/02/25 11:05	10/04/25 21:09	1
4-Methyl-2-pentanone (MIBK)	0.0056	U	0.0056	0.0017	mg/Kg	☼	10/02/25 11:05	10/04/25 21:09	1
Acetone	0.0067	U	0.0067	0.0064	mg/Kg	☼	10/02/25 11:05	10/04/25 21:09	1
Benzene	0.0011	U	0.0011	0.00064	mg/Kg	☼	10/02/25 11:05	10/04/25 21:09	1
Bromoform	0.0011	U	0.0011	0.00048	mg/Kg	☼	10/02/25 11:05	10/04/25 21:09	1
Bromomethane	0.0022	U	0.0022	0.0011	mg/Kg	☼	10/02/25 11:05	10/04/25 21:09	1

Client Sample ID: 59F1_1-2
Date Collected: 09/29/25 10:55
Date Received: 09/29/25 15:30

Lab Sample ID: 460-335975-52
Matrix: Solid
Percent Solids: 99.7

Method: SW846 8260D - Volatile Organic Compounds by GC/MS (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Carbon disulfide	0.0011	U	0.0011	0.00030	mg/Kg	☼	10/02/25 11:05	10/04/25 21:09	1
Carbon tetrachloride	0.0011	U	0.0011	0.00043	mg/Kg	☼	10/02/25 11:05	10/04/25 21:09	1
Chlorobenzene	0.0011	U	0.0011	0.00057	mg/Kg	☼	10/02/25 11:05	10/04/25 21:09	1
Chlorobromomethane	0.0011	U	0.0011	0.00067	mg/Kg	☼	10/02/25 11:05	10/04/25 21:09	1
Chlorodibromomethane	0.0011	U	0.0011	0.00060	mg/Kg	☼	10/02/25 11:05	10/04/25 21:09	1
Chloroethane	0.0011	U	0.0011	0.00059	mg/Kg	☼	10/02/25 11:05	10/04/25 21:09	1
Chloroform	0.0011	U	0.0011	0.0011	mg/Kg	☼	10/02/25 11:05	10/04/25 21:09	1
Chloromethane	0.0011	U	0.0011	0.00049	mg/Kg	☼	10/02/25 11:05	10/04/25 21:09	1
cis-1,2-Dichloroethene	0.0011	U	0.0011	0.00040	mg/Kg	☼	10/02/25 11:05	10/04/25 21:09	1
cis-1,3-Dichloropropene	0.0011	U	0.0011	0.00031	mg/Kg	☼	10/02/25 11:05	10/04/25 21:09	1
Cyclohexane	0.0011	U	0.0011	0.00025	mg/Kg	☼	10/02/25 11:05	10/04/25 21:09	1
Dichlorobromomethane	0.0011	U	0.0011	0.00029	mg/Kg	☼	10/02/25 11:05	10/04/25 21:09	1
Dichlorodifluoromethane	0.0011	U	0.0011	0.00038	mg/Kg	☼	10/02/25 11:05	10/04/25 21:09	1
Ethylbenzene	0.0011	U	0.0011	0.00052	mg/Kg	☼	10/02/25 11:05	10/04/25 21:09	1
Ethylene Dibromide	0.0011	U	0.0011	0.00056	mg/Kg	☼	10/02/25 11:05	10/04/25 21:09	1
Isopropylbenzene	0.0011	U	0.0011	0.00032	mg/Kg	☼	10/02/25 11:05	10/04/25 21:09	1
Methyl acetate	0.0056	U	0.0056	0.0048	mg/Kg	☼	10/02/25 11:05	10/04/25 21:09	1
Methyl tert-butyl ether	0.0011	U	0.0011	0.00057	mg/Kg	☼	10/02/25 11:05	10/04/25 21:09	1
Methylcyclohexane	0.0011	U	0.0011	0.00056	mg/Kg	☼	10/02/25 11:05	10/04/25 21:09	1
Methylene Chloride	**0.0031**		0.0022	0.0013	mg/Kg	☼	10/02/25 11:05	10/04/25 21:09	1
m-Xylene & p-Xylene	0.0011	U	0.0011	0.00047	mg/Kg	☼	10/02/25 11:05	10/04/25 21:09	1
n-Butylbenzene	0.0011	U	0.0011	0.00033	mg/Kg	☼	10/02/25 11:05	10/04/25 21:09	1
N-Propylbenzene	0.0011	U	0.0011	0.00050	mg/Kg	☼	10/02/25 11:05	10/04/25 21:09	1
o-Xylene	0.0011	U	0.0011	0.00052	mg/Kg	☼	10/02/25 11:05	10/04/25 21:09	1
sec-Butylbenzene	0.0011	U	0.0011	0.00032	mg/Kg	☼	10/02/25 11:05	10/04/25 21:09	1
Styrene	0.0011	U	0.0011	0.00031	mg/Kg	☼	10/02/25 11:05	10/04/25 21:09	1
tert-Butylbenzene	0.0011	U	0.0011	0.00031	mg/Kg	☼	10/02/25 11:05	10/04/25 21:09	1
Tetrachloroethene	0.0011	U	0.0011	0.00034	mg/Kg	☼	10/02/25 11:05	10/04/25 21:09	1
Toluene	0.0011	U	0.0011	0.00026	mg/Kg	☼	10/02/25 11:05	10/04/25 21:09	1
trans-1,2-Dichloroethene	0.0011	U	0.0011	0.00028	mg/Kg	☼	10/02/25 11:05	10/04/25 21:09	1
trans-1,3-Dichloropropene	0.0011	U	0.0011	0.00030	mg/Kg	☼	10/02/25 11:05	10/04/25 21:09	1
Trichloroethene	0.0011	U	0.0011	0.00036	mg/Kg	☼	10/02/25 11:05	10/04/25 21:09	1
Trichlorofluoromethane	0.0011	U	0.0011	0.00046	mg/Kg	☼	10/02/25 11:05	10/04/25 21:09	1
Vinyl chloride	0.0011	U	0.0011	0.00061	mg/Kg	☼	10/02/25 11:05	10/04/25 21:09	1
Xylenes, Total	0.0022	U	0.0022	0.00020	mg/Kg	☼	10/02/25 11:05	10/04/25 21:09	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,2-Dichloroethane-d4 (Surr)	*114*		*65 - 138*	*10/02/25 11:05*	*10/04/25 21:09*	*1*
4-Bromofluorobenzene	*99*		*71 - 128*	*10/02/25 11:05*	*10/04/25 21:09*	*1*
Dibromofluoromethane (Surr)	*118*		*50 - 150*	*10/02/25 11:05*	*10/04/25 21:09*	*1*
Toluene-d8 (Surr)	*94*		*71 - 126*	*10/02/25 11:05*	*10/04/25 21:09*	*1*

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Percent Moisture (EPA Moisture)	1.0	U	1.0	1.0	%			10/02/25 17:24	1
Percent Solids (EPA Moisture)	**99.7**		1.0	1.0	%			10/02/25 17:24	1

Client: Haley & Aldrich, Inc.
Project/Site: Former Port Mobil

Job ID: 460-335975-1

Client Sample ID: 59F2_3-4
Date Collected: 09/29/25 11:00
Date Received: 09/29/25 15:30

Lab Sample ID: 460-335975-53
Matrix: Solid
Percent Solids: 89.7

Method: SW846 8260D - Volatile Organic Compounds by GC/MS

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1-Trichloroethane	0.0018	U	0.0018	0.00042	mg/Kg	☼	10/02/25 11:05	10/04/25 21:33	1
1,1,2,2-Tetrachloroethane	0.0018	U	0.0018	0.00094	mg/Kg	☼	10/02/25 11:05	10/04/25 21:33	1
1,1,2-Trichloro-1,2,2-trifluoroethane	0.0018	U	0.0018	0.00054	mg/Kg	☼	10/02/25 11:05	10/04/25 21:33	1
1,1,2-Trichloroethane	0.0018	U	0.0018	0.0011	mg/Kg	☼	10/02/25 11:05	10/04/25 21:33	1
1,1-Dichloroethane	0.0018	U	0.0018	0.0011	mg/Kg	☼	10/02/25 11:05	10/04/25 21:33	1
1,1-Dichloroethene	0.0018	U	0.0018	0.00041	mg/Kg	☼	10/02/25 11:05	10/04/25 21:33	1
1,2,3-Trichlorobenzene	0.0018	U	0.0018	0.0013	mg/Kg	☼	10/02/25 11:05	10/04/25 21:33	1
1,2,4-Trichlorobenzene	0.0018	U	0.0018	0.00065	mg/Kg	☼	10/02/25 11:05	10/04/25 21:33	1
1,2,4-Trimethylbenzene	0.0018	U	0.0018	0.00044	mg/Kg	☼	10/02/25 11:05	10/04/25 21:33	1
1,2-Dibromo-3-Chloropropane	0.0018	U	0.0018	0.00083	mg/Kg	☼	10/02/25 11:05	10/04/25 21:33	1
1,2-Dichlorobenzene	0.0018	U	0.0018	0.00065	mg/Kg	☼	10/02/25 11:05	10/04/25 21:33	1
1,2-Dichloroethane	0.0018	U	0.0018	0.00053	mg/Kg	☼	10/02/25 11:05	10/04/25 21:33	1
1,2-Dichloropropane	0.0018	U	0.0018	0.00076	mg/Kg	☼	10/02/25 11:05	10/04/25 21:33	1
1,3,5-Trimethylbenzene	0.0018	U	0.0018	0.00057	mg/Kg	☼	10/02/25 11:05	10/04/25 21:33	1
1,3-Dichlorobenzene	0.0018	U	0.0018	0.00066	mg/Kg	☼	10/02/25 11:05	10/04/25 21:33	1
1,4-Dichlorobenzene	0.0018	U	0.0018	0.00094	mg/Kg	☼	10/02/25 11:05	10/04/25 21:33	1
2-Butanone (MEK)	0.0090	U	0.0090	0.00066	mg/Kg	☼	10/02/25 11:05	10/04/25 21:33	1
2-Hexanone	0.0090	U	0.0090	0.0031	mg/Kg	☼	10/02/25 11:05	10/04/25 21:33	1
4-Methyl-2-pentanone (MIBK)	0.0090	U	0.0090	0.0028	mg/Kg	☼	10/02/25 11:05	10/04/25 21:33	1
Acetone	0.011	U	0.011	0.010	mg/Kg	☼	10/02/25 11:05	10/04/25 21:33	1
Benzene	0.0018	U	0.0018	0.0010	mg/Kg	☼	10/02/25 11:05	10/04/25 21:33	1
Bromoform	0.0018	U	0.0018	0.00077	mg/Kg	☼	10/02/25 11:05	10/04/25 21:33	1
Bromomethane	0.0036	U	0.0036	0.0018	mg/Kg	☼	10/02/25 11:05	10/04/25 21:33	1
Carbon disulfide	0.0018	U	0.0018	0.00048	mg/Kg	☼	10/02/25 11:05	10/04/25 21:33	1
Carbon tetrachloride	0.0018	U	0.0018	0.00070	mg/Kg	☼	10/02/25 11:05	10/04/25 21:33	1
Chlorobenzene	0.0018	U	0.0018	0.00091	mg/Kg	☼	10/02/25 11:05	10/04/25 21:33	1
Chlorobromomethane	0.0018	U	0.0018	0.0011	mg/Kg	☼	10/02/25 11:05	10/04/25 21:33	1
Chlorodibromomethane	0.0018	U	0.0018	0.00097	mg/Kg	☼	10/02/25 11:05	10/04/25 21:33	1
Chloroethane	0.0018	U	0.0018	0.00094	mg/Kg	☼	10/02/25 11:05	10/04/25 21:33	1
Chloroform	0.0018	U	0.0018	0.0018	mg/Kg	☼	10/02/25 11:05	10/04/25 21:33	1
Chloromethane	0.0018	U	0.0018	0.00078	mg/Kg	☼	10/02/25 11:05	10/04/25 21:33	1
cis-1,2-Dichloroethene	0.0018	U	0.0018	0.00065	mg/Kg	☼	10/02/25 11:05	10/04/25 21:33	1
cis-1,3-Dichloropropene	0.0018	U	0.0018	0.00049	mg/Kg	☼	10/02/25 11:05	10/04/25 21:33	1
Cyclohexane	0.0018	U	0.0018	0.00040	mg/Kg	☼	10/02/25 11:05	10/04/25 21:33	1
Dichlorobromomethane	0.0018	U	0.0018	0.00046	mg/Kg	☼	10/02/25 11:05	10/04/25 21:33	1
Dichlorodifluoromethane	0.0018	U	0.0018	0.00061	mg/Kg	☼	10/02/25 11:05	10/04/25 21:33	1
Ethylbenzene	0.0018	U	0.0018	0.00084	mg/Kg	☼	10/02/25 11:05	10/04/25 21:33	1
Ethylene Dibromide	0.0018	U	0.0018	0.00091	mg/Kg	☼	10/02/25 11:05	10/04/25 21:33	1
Isopropylbenzene	0.0018	U	0.0018	0.00051	mg/Kg	☼	10/02/25 11:05	10/04/25 21:33	1
Methyl acetate	0.0090	U	0.0090	0.0078	mg/Kg	☼	10/02/25 11:05	10/04/25 21:33	1
Methyl tert-butyl ether	0.0018	U	0.0018	0.00092	mg/Kg	☼	10/02/25 11:05	10/04/25 21:33	1
Methylcyclohexane	0.0018	U	0.0018	0.00090	mg/Kg	☼	10/02/25 11:05	10/04/25 21:33	1
Methylene Chloride	**0.0050**		0.0036	0.0021	mg/Kg	☼	10/02/25 11:05	10/04/25 21:33	1
m-Xylene & p-Xylene	0.0018	U	0.0018	0.00076	mg/Kg	☼	10/02/25 11:05	10/04/25 21:33	1
n-Butylbenzene	0.0018	U	0.0018	0.00053	mg/Kg	☼	10/02/25 11:05	10/04/25 21:33	1
N-Propylbenzene	0.0018	U	0.0018	0.00081	mg/Kg	☼	10/02/25 11:05	10/04/25 21:33	1
o-Xylene	0.0018	U	0.0018	0.00083	mg/Kg	☼	10/02/25 11:05	10/04/25 21:33	1
sec-Butylbenzene	0.0018	U	0.0018	0.00052	mg/Kg	☼	10/02/25 11:05	10/04/25 21:33	1
Styrene	0.0018	U	0.0018	0.00050	mg/Kg	☼	10/02/25 11:05	10/04/25 21:33	1

Client Sample ID: 59F2_3-4

Lab Sample ID: 460-335975-53
Date Collected: 09/29/25 11:00
Matrix: Solid
Date Received: 09/29/25 15:30
Percent Solids: 89.7

Method: SW846 8260D - Volatile Organic Compounds by GC/MS (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
tert-Butylbenzene	0.0018	U	0.0018	0.00050	mg/Kg	☼	10/02/25 11:05	10/04/25 21:33	1
Tetrachloroethene	0.0018	U	0.0018	0.00055	mg/Kg	☼	10/02/25 11:05	10/04/25 21:33	1
Toluene	0.0018	U	0.0018	0.00042	mg/Kg	☼	10/02/25 11:05	10/04/25 21:33	1
trans-1,2-Dichloroethene	0.0018	U	0.0018	0.00044	mg/Kg	☼	10/02/25 11:05	10/04/25 21:33	1
trans-1,3-Dichloropropene	0.0018	U	0.0018	0.00048	mg/Kg	☼	10/02/25 11:05	10/04/25 21:33	1
Trichloroethene	0.0018	U	0.0018	0.00058	mg/Kg	☼	10/02/25 11:05	10/04/25 21:33	1
Trichlorofluoromethane	0.0018	U	0.0018	0.00073	mg/Kg	☼	10/02/25 11:05	10/04/25 21:33	1
Vinyl chloride	0.0018	U	0.0018	0.00098	mg/Kg	☼	10/02/25 11:05	10/04/25 21:33	1
Xylenes, Total	0.0036	U	0.0036	0.00031	mg/Kg	☼	10/02/25 11:05	10/04/25 21:33	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,2-Dichloroethane-d4 (Surr)	*113*		*65 - 138*	*10/02/25 11:05*	*10/04/25 21:33*	*1*
4-Bromofluorobenzene	*99*		*71 - 128*	*10/02/25 11:05*	*10/04/25 21:33*	*1*
Dibromofluoromethane (Surr)	*121*		*50 - 150*	*10/02/25 11:05*	*10/04/25 21:33*	*1*
Toluene-d8 (Surr)	*95*		*71 - 126*	*10/02/25 11:05*	*10/04/25 21:33*	*1*

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Percent Moisture (EPA Moisture)	**10.3**		1.0	1.0	%			10/02/25 17:24	1
Percent Solids (EPA Moisture)	**89.7**		1.0	1.0	%			10/02/25 17:24	1

Client Sample ID: 59F3_4-5

Lab Sample ID: 460-335975-54
Date Collected: 09/29/25 11:05
Matrix: Solid
Date Received: 09/29/25 15:30
Percent Solids: 99.4

Method: SW846 8260D - Volatile Organic Compounds by GC/MS

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1-Trichloroethane	0.0014	U	0.0014	0.00032	mg/Kg	☼	10/02/25 11:06	10/04/25 21:56	1
1,1,2,2-Tetrachloroethane	0.0014	U	0.0014	0.00072	mg/Kg	☼	10/02/25 11:06	10/04/25 21:56	1
1,1,2-Trichloro-1,2,2-trifluoroethane	0.0014	U	0.0014	0.00042	mg/Kg	☼	10/02/25 11:06	10/04/25 21:56	1
1,1,2-Trichloroethane	0.0014	U	0.0014	0.00083	mg/Kg	☼	10/02/25 11:06	10/04/25 21:56	1
1,1-Dichloroethane	0.0014	U	0.0014	0.00083	mg/Kg	☼	10/02/25 11:06	10/04/25 21:56	1
1,1-Dichloroethene	0.0014	U	0.0014	0.00031	mg/Kg	☼	10/02/25 11:06	10/04/25 21:56	1
1,2,3-Trichlorobenzene	0.0014	U	0.0014	0.0010	mg/Kg	☼	10/02/25 11:06	10/04/25 21:56	1
1,2,4-Trichlorobenzene	0.0014	U	0.0014	0.00050	mg/Kg	☼	10/02/25 11:06	10/04/25 21:56	1
1,2,4-Trimethylbenzene	0.0014	U	0.0014	0.00034	mg/Kg	☼	10/02/25 11:06	10/04/25 21:56	1
1,2-Dibromo-3-Chloropropane	0.0014	U	0.0014	0.00064	mg/Kg	☼	10/02/25 11:06	10/04/25 21:56	1
1,2-Dichlorobenzene	0.0014	U	0.0014	0.00050	mg/Kg	☼	10/02/25 11:06	10/04/25 21:56	1
1,2-Dichloroethane	0.0014	U	0.0014	0.00041	mg/Kg	☼	10/02/25 11:06	10/04/25 21:56	1
1,2-Dichloropropane	0.0014	U	0.0014	0.00059	mg/Kg	☼	10/02/25 11:06	10/04/25 21:56	1
1,3,5-Trimethylbenzene	0.0014	U	0.0014	0.00043	mg/Kg	☼	10/02/25 11:06	10/04/25 21:56	1
1,3-Dichlorobenzene	0.0014	U	0.0014	0.00051	mg/Kg	☼	10/02/25 11:06	10/04/25 21:56	1
1,4-Dichlorobenzene	0.0014	U	0.0014	0.00072	mg/Kg	☼	10/02/25 11:06	10/04/25 21:56	1
2-Butanone (MEK)	0.0069	U	0.0069	0.00051	mg/Kg	☼	10/02/25 11:06	10/04/25 21:56	1
2-Hexanone	0.0069	U	0.0069	0.0024	mg/Kg	☼	10/02/25 11:06	10/04/25 21:56	1
4-Methyl-2-pentanone (MIBK)	0.0069	U	0.0069	0.0022	mg/Kg	☼	10/02/25 11:06	10/04/25 21:56	1
Acetone	0.0083	U	0.0083	0.0079	mg/Kg	☼	10/02/25 11:06	10/04/25 21:56	1
Benzene	0.0014	U	0.0014	0.00078	mg/Kg	☼	10/02/25 11:06	10/04/25 21:56	1
Bromoform	0.0014	U	0.0014	0.00059	mg/Kg	☼	10/02/25 11:06	10/04/25 21:56	1
Bromomethane	0.0028	U	0.0028	0.0014	mg/Kg	☼	10/02/25 11:06	10/04/25 21:56	1

Client Sample ID: 59F3_4-5
Date Collected: 09/29/25 11:05
Date Received: 09/29/25 15:30

Lab Sample ID: 460-335975-54
Matrix: Solid
Percent Solids: 99.4

Method: SW846 8260D - Volatile Organic Compounds by GC/MS (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Carbon disulfide	0.0014	U	0.0014	0.00037	mg/Kg	☼	10/02/25 11:06	10/04/25 21:56	1
Carbon tetrachloride	0.0014	U	0.0014	0.00054	mg/Kg	☼	10/02/25 11:06	10/04/25 21:56	1
Chlorobenzene	0.0014	U	0.0014	0.00070	mg/Kg	☼	10/02/25 11:06	10/04/25 21:56	1
Chlorobromomethane	0.0014	U	0.0014	0.00082	mg/Kg	☼	10/02/25 11:06	10/04/25 21:56	1
Chlorodibromomethane	0.0014	U	0.0014	0.00074	mg/Kg	☼	10/02/25 11:06	10/04/25 21:56	1
Chloroethane	0.0014	U	0.0014	0.00072	mg/Kg	☼	10/02/25 11:06	10/04/25 21:56	1
Chloroform	0.0014	U	0.0014	0.0013	mg/Kg	☼	10/02/25 11:06	10/04/25 21:56	1
Chloromethane	0.0014	U	0.0014	0.00060	mg/Kg	☼	10/02/25 11:06	10/04/25 21:56	1
cis-1,2-Dichloroethene	0.0014	U	0.0014	0.00050	mg/Kg	☼	10/02/25 11:06	10/04/25 21:56	1
cis-1,3-Dichloropropene	0.0014	U	0.0014	0.00038	mg/Kg	☼	10/02/25 11:06	10/04/25 21:56	1
Cyclohexane	0.0014	U	0.0014	0.00031	mg/Kg	☼	10/02/25 11:06	10/04/25 21:56	1
Dichlorobromomethane	0.0014	U	0.0014	0.00036	mg/Kg	☼	10/02/25 11:06	10/04/25 21:56	1
Dichlorodifluoromethane	0.0014	U	0.0014	0.00047	mg/Kg	☼	10/02/25 11:06	10/04/25 21:56	1
Ethylbenzene	0.0014	U	0.0014	0.00065	mg/Kg	☼	10/02/25 11:06	10/04/25 21:56	1
Ethylene Dibromide	0.0014	U	0.0014	0.00070	mg/Kg	☼	10/02/25 11:06	10/04/25 21:56	1
Isopropylbenzene	0.0014	U	0.0014	0.00039	mg/Kg	☼	10/02/25 11:06	10/04/25 21:56	1
Methyl acetate	0.0069	U	0.0069	0.0060	mg/Kg	☼	10/02/25 11:06	10/04/25 21:56	1
Methyl tert-butyl ether	0.0014	U	0.0014	0.00071	mg/Kg	☼	10/02/25 11:06	10/04/25 21:56	1
Methylcyclohexane	0.0014	U	0.0014	0.00069	mg/Kg	☼	10/02/25 11:06	10/04/25 21:56	1
Methylene Chloride	**0.0023**	**J**	0.0028	0.0016	mg/Kg	☼	10/02/25 11:06	10/04/25 21:56	1
m-Xylene & p-Xylene	0.0014	U	0.0014	0.00059	mg/Kg	☼	10/02/25 11:06	10/04/25 21:56	1
n-Butylbenzene	0.0014	U	0.0014	0.00041	mg/Kg	☼	10/02/25 11:06	10/04/25 21:56	1
N-Propylbenzene	0.0014	U	0.0014	0.00062	mg/Kg	☼	10/02/25 11:06	10/04/25 21:56	1
o-Xylene	0.0014	U	0.0014	0.00064	mg/Kg	☼	10/02/25 11:06	10/04/25 21:56	1
sec-Butylbenzene	0.0014	U	0.0014	0.00040	mg/Kg	☼	10/02/25 11:06	10/04/25 21:56	1
Styrene	0.0014	U	0.0014	0.00038	mg/Kg	☼	10/02/25 11:06	10/04/25 21:56	1
tert-Butylbenzene	0.0014	U	0.0014	0.00038	mg/Kg	☼	10/02/25 11:06	10/04/25 21:56	1
Tetrachloroethene	0.0014	U	0.0014	0.00042	mg/Kg	☼	10/02/25 11:06	10/04/25 21:56	1
Toluene	0.0014	U	0.0014	0.00032	mg/Kg	☼	10/02/25 11:06	10/04/25 21:56	1
trans-1,2-Dichloroethene	0.0014	U	0.0014	0.00034	mg/Kg	☼	10/02/25 11:06	10/04/25 21:56	1
trans-1,3-Dichloropropene	0.0014	U	0.0014	0.00037	mg/Kg	☼	10/02/25 11:06	10/04/25 21:56	1
Trichloroethene	0.0014	U	0.0014	0.00044	mg/Kg	☼	10/02/25 11:06	10/04/25 21:56	1
Trichlorofluoromethane	0.0014	U	0.0014	0.00056	mg/Kg	☼	10/02/25 11:06	10/04/25 21:56	1
Vinyl chloride	0.0014	U	0.0014	0.00076	mg/Kg	☼	10/02/25 11:06	10/04/25 21:56	1
Xylenes, Total	0.0028	U	0.0028	0.00024	mg/Kg	☼	10/02/25 11:06	10/04/25 21:56	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,2-Dichloroethane-d4 (Surr)	*116*		*65 - 138*	*10/02/25 11:06*	*10/04/25 21:56*	*1*
4-Bromofluorobenzene	*98*		*71 - 128*	*10/02/25 11:06*	*10/04/25 21:56*	*1*
Dibromofluoromethane (Surr)	*118*		*50 - 150*	*10/02/25 11:06*	*10/04/25 21:56*	*1*
Toluene-d8 (Surr)	*95*		*71 - 126*	*10/02/25 11:06*	*10/04/25 21:56*	*1*

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Percent Moisture (EPA Moisture)	1.0	U	1.0	1.0	%			10/02/25 17:24	1
Percent Solids (EPA Moisture)	**99.4**		1.0	1.0	%			10/02/25 17:24	1

Client: Haley & Aldrich, Inc.
Project/Site: Former Port Mobil

Job ID: 460-335975-1

Client Sample ID: 59F1_5-6
Date Collected: 09/29/25 11:10
Date Received: 09/29/25 15:30

Lab Sample ID: 460-335975-55
Matrix: Solid
Percent Solids: 98.4

Method: SW846 8260D - Volatile Organic Compounds by GC/MS

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1-Trichloroethane	0.0014	U	0.0014	0.00033	mg/Kg	☼	10/02/25 11:06	10/04/25 22:19	1
1,1,2,2-Tetrachloroethane	0.0014	U	0.0014	0.00073	mg/Kg	☼	10/02/25 11:06	10/04/25 22:19	1
1,1,2-Trichloro-1,2,2-trifluoroethane	0.0014	U	0.0014	0.00042	mg/Kg	☼	10/02/25 11:06	10/04/25 22:19	1
1,1,2-Trichloroethane	0.0014	U	0.0014	0.00084	mg/Kg	☼	10/02/25 11:06	10/04/25 22:19	1
1,1-Dichloroethane	0.0014	U	0.0014	0.00083	mg/Kg	☼	10/02/25 11:06	10/04/25 22:19	1
1,1-Dichloroethene	0.0014	U	0.0014	0.00031	mg/Kg	☼	10/02/25 11:06	10/04/25 22:19	1
1,2,3-Trichlorobenzene	0.0014	U	0.0014	0.0010	mg/Kg	☼	10/02/25 11:06	10/04/25 22:19	1
1,2,4-Trichlorobenzene	0.0014	U	0.0014	0.00050	mg/Kg	☼	10/02/25 11:06	10/04/25 22:19	1
1,2,4-Trimethylbenzene	0.0014	U	0.0014	0.00034	mg/Kg	☼	10/02/25 11:06	10/04/25 22:19	1
1,2-Dibromo-3-Chloropropane	0.0014	U	0.0014	0.00064	mg/Kg	☼	10/02/25 11:06	10/04/25 22:19	1
1,2-Dichlorobenzene	0.0014	U	0.0014	0.00050	mg/Kg	☼	10/02/25 11:06	10/04/25 22:19	1
1,2-Dichloroethane	0.0014	U	0.0014	0.00041	mg/Kg	☼	10/02/25 11:06	10/04/25 22:19	1
1,2-Dichloropropane	0.0014	U	0.0014	0.00059	mg/Kg	☼	10/02/25 11:06	10/04/25 22:19	1
1,3,5-Trimethylbenzene	0.0014	U	0.0014	0.00044	mg/Kg	☼	10/02/25 11:06	10/04/25 22:19	1
1,3-Dichlorobenzene	0.0014	U	0.0014	0.00051	mg/Kg	☼	10/02/25 11:06	10/04/25 22:19	1
1,4-Dichlorobenzene	0.0014	U	0.0014	0.00072	mg/Kg	☼	10/02/25 11:06	10/04/25 22:19	1
2-Butanone (MEK)	0.0070	U	0.0070	0.00051	mg/Kg	☼	10/02/25 11:06	10/04/25 22:19	1
2-Hexanone	0.0070	U	0.0070	0.0024	mg/Kg	☼	10/02/25 11:06	10/04/25 22:19	1
4-Methyl-2-pentanone (MIBK)	0.0070	U	0.0070	0.0022	mg/Kg	☼	10/02/25 11:06	10/04/25 22:19	1
Acetone	0.0084	U	0.0084	0.0080	mg/Kg	☼	10/02/25 11:06	10/04/25 22:19	1
Benzene	0.0014	U	0.0014	0.00079	mg/Kg	☼	10/02/25 11:06	10/04/25 22:19	1
Bromoform	0.0014	U	0.0014	0.00059	mg/Kg	☼	10/02/25 11:06	10/04/25 22:19	1
Bromomethane	0.0028	U	0.0028	0.0014	mg/Kg	☼	10/02/25 11:06	10/04/25 22:19	1
Carbon disulfide	0.0014	U	0.0014	0.00037	mg/Kg	☼	10/02/25 11:06	10/04/25 22:19	1
Carbon tetrachloride	0.0014	U	0.0014	0.00054	mg/Kg	☼	10/02/25 11:06	10/04/25 22:19	1
Chlorobenzene	0.0014	U	0.0014	0.00071	mg/Kg	☼	10/02/25 11:06	10/04/25 22:19	1
Chlorobromomethane	0.0014	U	0.0014	0.00083	mg/Kg	☼	10/02/25 11:06	10/04/25 22:19	1
Chlorodibromomethane	0.0014	U	0.0014	0.00075	mg/Kg	☼	10/02/25 11:06	10/04/25 22:19	1
Chloroethane	0.0014	U	0.0014	0.00073	mg/Kg	☼	10/02/25 11:06	10/04/25 22:19	1
Chloroform	0.0014	U	0.0014	0.0014	mg/Kg	☼	10/02/25 11:06	10/04/25 22:19	1
Chloromethane	0.0014	U	0.0014	0.00061	mg/Kg	☼	10/02/25 11:06	10/04/25 22:19	1
cis-1,2-Dichloroethene	0.0014	U	0.0014	0.00050	mg/Kg	☼	10/02/25 11:06	10/04/25 22:19	1
cis-1,3-Dichloropropene	0.0014	U	0.0014	0.00038	mg/Kg	☼	10/02/25 11:06	10/04/25 22:19	1
Cyclohexane	0.0014	U	0.0014	0.00031	mg/Kg	☼	10/02/25 11:06	10/04/25 22:19	1
Dichlorobromomethane	0.0014	U	0.0014	0.00036	mg/Kg	☼	10/02/25 11:06	10/04/25 22:19	1
Dichlorodifluoromethane	0.0014	U	0.0014	0.00047	mg/Kg	☼	10/02/25 11:06	10/04/25 22:19	1
Ethylbenzene	0.0014	U	0.0014	0.00065	mg/Kg	☼	10/02/25 11:06	10/04/25 22:19	1
Ethylene Dibromide	0.0014	U	0.0014	0.00070	mg/Kg	☼	10/02/25 11:06	10/04/25 22:19	1
Isopropylbenzene	0.0014	U	0.0014	0.00040	mg/Kg	☼	10/02/25 11:06	10/04/25 22:19	1
Methyl acetate	0.0070	U	0.0070	0.0060	mg/Kg	☼	10/02/25 11:06	10/04/25 22:19	1
Methyl tert-butyl ether	0.0014	U	0.0014	0.00071	mg/Kg	☼	10/02/25 11:06	10/04/25 22:19	1
Methylcyclohexane	0.0014	U	0.0014	0.00070	mg/Kg	☼	10/02/25 11:06	10/04/25 22:19	1
Methylene Chloride	0.0028	U	0.0028	0.0016	mg/Kg	☼	10/02/25 11:06	10/04/25 22:19	1
m-Xylene & p-Xylene	0.0014	U	0.0014	0.00059	mg/Kg	☼	10/02/25 11:06	10/04/25 22:19	1
n-Butylbenzene	0.0014	U	0.0014	0.00041	mg/Kg	☼	10/02/25 11:06	10/04/25 22:19	1
N-Propylbenzene	0.0014	U	0.0014	0.00063	mg/Kg	☼	10/02/25 11:06	10/04/25 22:19	1
o-Xylene	0.0014	U	0.0014	0.00064	mg/Kg	☼	10/02/25 11:06	10/04/25 22:19	1
sec-Butylbenzene	0.0014	U	0.0014	0.00040	mg/Kg	☼	10/02/25 11:06	10/04/25 22:19	1
Styrene	0.0014	U	0.0014	0.00039	mg/Kg	☼	10/02/25 11:06	10/04/25 22:19	1

Client Sample ID: 59F1_5-6

Lab Sample ID: 460-335975-55
Date Collected: 09/29/25 11:10
Matrix: Solid
Date Received: 09/29/25 15:30
Percent Solids: 98.4

Method: SW846 8260D - Volatile Organic Compounds by GC/MS (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
tert-Butylbenzene	0.0014	U	0.0014	0.00039	mg/Kg	☼	10/02/25 11:06	10/04/25 22:19	1
Tetrachloroethene	0.0014	U	0.0014	0.00043	mg/Kg	☼	10/02/25 11:06	10/04/25 22:19	1
Toluene	0.0014	U	0.0014	0.00033	mg/Kg	☼	10/02/25 11:06	10/04/25 22:19	1
trans-1,2-Dichloroethene	0.0014	U	0.0014	0.00034	mg/Kg	☼	10/02/25 11:06	10/04/25 22:19	1
trans-1,3-Dichloropropene	0.0014	U	0.0014	0.00037	mg/Kg	☼	10/02/25 11:06	10/04/25 22:19	1
Trichloroethene	0.0014	U	0.0014	0.00045	mg/Kg	☼	10/02/25 11:06	10/04/25 22:19	1
Trichlorofluoromethane	0.0014	U	0.0014	0.00057	mg/Kg	☼	10/02/25 11:06	10/04/25 22:19	1
Vinyl chloride	0.0014	U	0.0014	0.00076	mg/Kg	☼	10/02/25 11:06	10/04/25 22:19	1
Xylenes, Total	0.0028	U	0.0028	0.00024	mg/Kg	☼	10/02/25 11:06	10/04/25 22:19	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,2-Dichloroethane-d4 (Surr)	*115*		*65 - 138*	*10/02/25 11:06*	*10/04/25 22:19*	*1*
4-Bromofluorobenzene	*111*		*71 - 128*	*10/02/25 11:06*	*10/04/25 22:19*	*1*
Dibromofluoromethane (Surr)	*119*		*50 - 150*	*10/02/25 11:06*	*10/04/25 22:19*	*1*
Toluene-d8 (Surr)	*101*		*71 - 126*	*10/02/25 11:06*	*10/04/25 22:19*	*1*

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Percent Moisture (EPA Moisture)	**1.6**		1.0	1.0	%			10/02/25 17:24	1
Percent Solids (EPA Moisture)	**98.4**		1.0	1.0	%			10/02/25 17:24	1

Client Sample ID: 59F2_7-8

Lab Sample ID: 460-335975-56
Date Collected: 09/29/25 11:15
Matrix: Solid
Date Received: 09/29/25 15:30
Percent Solids: 97.8

Method: SW846 8260D - Volatile Organic Compounds by GC/MS

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1-Trichloroethane	0.0011	U	0.0011	0.00026	mg/Kg	☼	10/02/25 11:06	10/04/25 22:42	1
1,1,2,2-Tetrachloroethane	0.0011	U	0.0011	0.00057	mg/Kg	☼	10/02/25 11:06	10/04/25 22:42	1
1,1,2-Trichloro-1,2,2-trifluoroethane	0.0011	U	0.0011	0.00033	mg/Kg	☼	10/02/25 11:06	10/04/25 22:42	1
1,1,2-Trichloroethane	0.0011	U	0.0011	0.00066	mg/Kg	☼	10/02/25 11:06	10/04/25 22:42	1
1,1-Dichloroethane	0.0011	U	0.0011	0.00066	mg/Kg	☼	10/02/25 11:06	10/04/25 22:42	1
1,1-Dichloroethene	0.0011	U	0.0011	0.00025	mg/Kg	☼	10/02/25 11:06	10/04/25 22:42	1
1,2,3-Trichlorobenzene	0.0011	U	0.0011	0.00081	mg/Kg	☼	10/02/25 11:06	10/04/25 22:42	1
1,2,4-Trichlorobenzene	0.0011	U	0.0011	0.00039	mg/Kg	☼	10/02/25 11:06	10/04/25 22:42	1
1,2,4-Trimethylbenzene	0.0011	U	0.0011	0.00027	mg/Kg	☼	10/02/25 11:06	10/04/25 22:42	1
1,2-Dibromo-3-Chloropropane	0.0011	U	0.0011	0.00050	mg/Kg	☼	10/02/25 11:06	10/04/25 22:42	1
1,2-Dichlorobenzene	0.0011	U	0.0011	0.00040	mg/Kg	☼	10/02/25 11:06	10/04/25 22:42	1
1,2-Dichloroethane	0.0011	U	0.0011	0.00032	mg/Kg	☼	10/02/25 11:06	10/04/25 22:42	1
1,2-Dichloropropane	0.0011	U	0.0011	0.00046	mg/Kg	☼	10/02/25 11:06	10/04/25 22:42	1
1,3,5-Trimethylbenzene	0.0011	U	0.0011	0.00034	mg/Kg	☼	10/02/25 11:06	10/04/25 22:42	1
1,3-Dichlorobenzene	0.0011	U	0.0011	0.00040	mg/Kg	☼	10/02/25 11:06	10/04/25 22:42	1
1,4-Dichlorobenzene	0.0011	U	0.0011	0.00057	mg/Kg	☼	10/02/25 11:06	10/04/25 22:42	1
2-Butanone (MEK)	0.0055	U	0.0055	0.00040	mg/Kg	☼	10/02/25 11:06	10/04/25 22:42	1
2-Hexanone	0.0055	U	0.0055	0.0019	mg/Kg	☼	10/02/25 11:06	10/04/25 22:42	1
4-Methyl-2-pentanone (MIBK)	0.0055	U	0.0055	0.0017	mg/Kg	☼	10/02/25 11:06	10/04/25 22:42	1
Acetone	0.0066	U	0.0066	0.0063	mg/Kg	☼	10/02/25 11:06	10/04/25 22:42	1
Benzene	0.0011	U	0.0011	0.00062	mg/Kg	☼	10/02/25 11:06	10/04/25 22:42	1
Bromoform	0.0011	U	0.0011	0.00047	mg/Kg	☼	10/02/25 11:06	10/04/25 22:42	1
Bromomethane	0.0022	U	0.0022	0.0011	mg/Kg	☼	10/02/25 11:06	10/04/25 22:42	1

Client Sample ID: 59F2_7-8
Date Collected: 09/29/25 11:15
Date Received: 09/29/25 15:30

Lab Sample ID: 460-335975-56
Matrix: Solid
Percent Solids: 97.8

Method: SW846 8260D - Volatile Organic Compounds by GC/MS (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Carbon disulfide	0.0011	U	0.0011	0.00029	mg/Kg	☼	10/02/25 11:06	10/04/25 22:42	1
Carbon tetrachloride	0.0011	U	0.0011	0.00042	mg/Kg	☼	10/02/25 11:06	10/04/25 22:42	1
Chlorobenzene	0.0011	U	0.0011	0.00056	mg/Kg	☼	10/02/25 11:06	10/04/25 22:42	1
Chlorobromomethane	0.0011	U	0.0011	0.00065	mg/Kg	☼	10/02/25 11:06	10/04/25 22:42	1
Chlorodibromomethane	0.0011	U	0.0011	0.00059	mg/Kg	☼	10/02/25 11:06	10/04/25 22:42	1
Chloroethane	0.0011	U	0.0011	0.00057	mg/Kg	☼	10/02/25 11:06	10/04/25 22:42	1
Chloroform	0.0011	U	0.0011	0.0011	mg/Kg	☼	10/02/25 11:06	10/04/25 22:42	1
Chloromethane	0.0011	U	0.0011	0.00048	mg/Kg	☼	10/02/25 11:06	10/04/25 22:42	1
cis-1,2-Dichloroethene	0.0011	U	0.0011	0.00039	mg/Kg	☼	10/02/25 11:06	10/04/25 22:42	1
cis-1,3-Dichloropropene	0.0011	U	0.0011	0.00030	mg/Kg	☼	10/02/25 11:06	10/04/25 22:42	1
Cyclohexane	0.0011	U	0.0011	0.00024	mg/Kg	☼	10/02/25 11:06	10/04/25 22:42	1
Dichlorobromomethane	0.0011	U	0.0011	0.00028	mg/Kg	☼	10/02/25 11:06	10/04/25 22:42	1
Dichlorodifluoromethane	0.0011	U	0.0011	0.00037	mg/Kg	☼	10/02/25 11:06	10/04/25 22:42	1
Ethylbenzene	0.0011	U	0.0011	0.00051	mg/Kg	☼	10/02/25 11:06	10/04/25 22:42	1
Ethylene Dibromide	0.0011	U	0.0011	0.00055	mg/Kg	☼	10/02/25 11:06	10/04/25 22:42	1
Isopropylbenzene	0.0011	U	0.0011	0.00031	mg/Kg	☼	10/02/25 11:06	10/04/25 22:42	1
Methyl acetate	0.0055	U	0.0055	0.0047	mg/Kg	☼	10/02/25 11:06	10/04/25 22:42	1
Methyl tert-butyl ether	0.0011	U	0.0011	0.00056	mg/Kg	☼	10/02/25 11:06	10/04/25 22:42	1
Methylcyclohexane	0.0011	U	0.0011	0.00055	mg/Kg	☼	10/02/25 11:06	10/04/25 22:42	1
Methylene Chloride	**0.0029**		0.0022	0.0013	mg/Kg	☼	10/02/25 11:06	10/04/25 22:42	1
m-Xylene & p-Xylene	0.0011	U	0.0011	0.00046	mg/Kg	☼	10/02/25 11:06	10/04/25 22:42	1
n-Butylbenzene	0.0011	U	0.0011	0.00032	mg/Kg	☼	10/02/25 11:06	10/04/25 22:42	1
N-Propylbenzene	0.0011	U	0.0011	0.00049	mg/Kg	☼	10/02/25 11:06	10/04/25 22:42	1
o-Xylene	0.0011	U	0.0011	0.00051	mg/Kg	☼	10/02/25 11:06	10/04/25 22:42	1
sec-Butylbenzene	0.0011	U	0.0011	0.00032	mg/Kg	☼	10/02/25 11:06	10/04/25 22:42	1
Styrene	0.0011	U	0.0011	0.00031	mg/Kg	☼	10/02/25 11:06	10/04/25 22:42	1
tert-Butylbenzene	0.0011	U	0.0011	0.00030	mg/Kg	☼	10/02/25 11:06	10/04/25 22:42	1
Tetrachloroethene	0.0011	U	0.0011	0.00033	mg/Kg	☼	10/02/25 11:06	10/04/25 22:42	1
Toluene	0.0011	U	0.0011	0.00026	mg/Kg	☼	10/02/25 11:06	10/04/25 22:42	1
trans-1,2-Dichloroethene	0.0011	U	0.0011	0.00027	mg/Kg	☼	10/02/25 11:06	10/04/25 22:42	1
trans-1,3-Dichloropropene	0.0011	U	0.0011	0.00029	mg/Kg	☼	10/02/25 11:06	10/04/25 22:42	1
Trichloroethene	0.0011	U	0.0011	0.00035	mg/Kg	☼	10/02/25 11:06	10/04/25 22:42	1
Trichlorofluoromethane	0.0011	U	0.0011	0.00045	mg/Kg	☼	10/02/25 11:06	10/04/25 22:42	1
Vinyl chloride	0.0011	U	0.0011	0.00060	mg/Kg	☼	10/02/25 11:06	10/04/25 22:42	1
Xylenes, Total	0.0022	U	0.0022	0.00019	mg/Kg	☼	10/02/25 11:06	10/04/25 22:42	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,2-Dichloroethane-d4 (Surr)	*112*		*65 - 138*	*10/02/25 11:06*	*10/04/25 22:42*	*1*
4-Bromofluorobenzene	*100*		*71 - 128*	*10/02/25 11:06*	*10/04/25 22:42*	*1*
Dibromofluoromethane (Surr)	*119*		*50 - 150*	*10/02/25 11:06*	*10/04/25 22:42*	*1*
Toluene-d8 (Surr)	*96*		*71 - 126*	*10/02/25 11:06*	*10/04/25 22:42*	*1*

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Percent Moisture (EPA Moisture)	**2.2**		1.0	1.0	%			10/02/25 17:24	1
Percent Solids (EPA Moisture)	**97.8**		1.0	1.0	%			10/02/25 17:24	1

Client: Haley & Aldrich, Inc.
Project/Site: Former Port Mobil

Job ID: 460-335975-1

Client Sample ID: 59F3_9-10
Date Collected: 09/29/25 11:20
Date Received: 09/29/25 15:30

Lab Sample ID: 460-335975-57
Matrix: Solid
Percent Solids: 97.6

Method: SW846 8260D - Volatile Organic Compounds by GC/MS

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1-Trichloroethane	0.0011	U	0.0011	0.00026	mg/Kg	☼	10/02/25 11:07	10/04/25 23:05	1
1,1,2,2-Tetrachloroethane	0.0011	U	0.0011	0.00059	mg/Kg	☼	10/02/25 11:07	10/04/25 23:05	1
1,1,2-Trichloro-1,2,2-trifluoroethane	0.0011	U	0.0011	0.00034	mg/Kg	☼	10/02/25 11:07	10/04/25 23:05	1
1,1,2-Trichloroethane	0.0011	U	0.0011	0.00068	mg/Kg	☼	10/02/25 11:07	10/04/25 23:05	1
1,1-Dichloroethane	0.0011	U	0.0011	0.00068	mg/Kg	☼	10/02/25 11:07	10/04/25 23:05	1
1,1-Dichloroethene	0.0011	U	0.0011	0.00026	mg/Kg	☼	10/02/25 11:07	10/04/25 23:05	1
1,2,3-Trichlorobenzene	0.0011	U	0.0011	0.00084	mg/Kg	☼	10/02/25 11:07	10/04/25 23:05	1
1,2,4-Trichlorobenzene	0.0011	U	0.0011	0.00041	mg/Kg	☼	10/02/25 11:07	10/04/25 23:05	1
1,2,4-Trimethylbenzene	0.0011	U	0.0011	0.00028	mg/Kg	☼	10/02/25 11:07	10/04/25 23:05	1
1,2-Dibromo-3-Chloropropane	0.0011	U	0.0011	0.00052	mg/Kg	☼	10/02/25 11:07	10/04/25 23:05	1
1,2-Dichlorobenzene	0.0011	U	0.0011	0.00041	mg/Kg	☼	10/02/25 11:07	10/04/25 23:05	1
1,2-Dichloroethane	0.0011	U	0.0011	0.00034	mg/Kg	☼	10/02/25 11:07	10/04/25 23:05	1
1,2-Dichloropropane	0.0011	U	0.0011	0.00048	mg/Kg	☼	10/02/25 11:07	10/04/25 23:05	1
1,3,5-Trimethylbenzene	0.0011	U	0.0011	0.00036	mg/Kg	☼	10/02/25 11:07	10/04/25 23:05	1
1,3-Dichlorobenzene	0.0011	U	0.0011	0.00041	mg/Kg	☼	10/02/25 11:07	10/04/25 23:05	1
1,4-Dichlorobenzene	0.0011	U	0.0011	0.00059	mg/Kg	☼	10/02/25 11:07	10/04/25 23:05	1
2-Butanone (MEK)	0.0057	U	0.0057	0.00042	mg/Kg	☼	10/02/25 11:07	10/04/25 23:05	1
2-Hexanone	0.0057	U	0.0057	0.0019	mg/Kg	☼	10/02/25 11:07	10/04/25 23:05	1
4-Methyl-2-pentanone (MIBK)	0.0057	U	0.0057	0.0018	mg/Kg	☼	10/02/25 11:07	10/04/25 23:05	1
Acetone	0.0068	U	0.0068	0.0065	mg/Kg	☼	10/02/25 11:07	10/04/25 23:05	1
Benzene	0.0011	U	0.0011	0.00064	mg/Kg	☼	10/02/25 11:07	10/04/25 23:05	1
Bromoform	0.0011	U	0.0011	0.00048	mg/Kg	☼	10/02/25 11:07	10/04/25 23:05	1
Bromomethane	0.0023	U	0.0023	0.0011	mg/Kg	☼	10/02/25 11:07	10/04/25 23:05	1
Carbon disulfide	0.0011	U	0.0011	0.00030	mg/Kg	☼	10/02/25 11:07	10/04/25 23:05	1
Carbon tetrachloride	0.0011	U	0.0011	0.00044	mg/Kg	☼	10/02/25 11:07	10/04/25 23:05	1
Chlorobenzene	0.0011	U	0.0011	0.00058	mg/Kg	☼	10/02/25 11:07	10/04/25 23:05	1
Chlorobromomethane	0.0011	U	0.0011	0.00068	mg/Kg	☼	10/02/25 11:07	10/04/25 23:05	1
Chlorodibromomethane	0.0011	U	0.0011	0.00061	mg/Kg	☼	10/02/25 11:07	10/04/25 23:05	1
Chloroethane	0.0011	U	0.0011	0.00059	mg/Kg	☼	10/02/25 11:07	10/04/25 23:05	1
Chloroform	0.0011	U	0.0011	0.0011	mg/Kg	☼	10/02/25 11:07	10/04/25 23:05	1
Chloromethane	0.0011	U	0.0011	0.00049	mg/Kg	☼	10/02/25 11:07	10/04/25 23:05	1
cis-1,2-Dichloroethene	0.0011	U	0.0011	0.00041	mg/Kg	☼	10/02/25 11:07	10/04/25 23:05	1
cis-1,3-Dichloropropene	0.0011	U	0.0011	0.00031	mg/Kg	☼	10/02/25 11:07	10/04/25 23:05	1
Cyclohexane	0.0011	U	0.0011	0.00025	mg/Kg	☼	10/02/25 11:07	10/04/25 23:05	1
Dichlorobromomethane	0.0011	U	0.0011	0.00029	mg/Kg	☼	10/02/25 11:07	10/04/25 23:05	1
Dichlorodifluoromethane	0.0011	U	0.0011	0.00038	mg/Kg	☼	10/02/25 11:07	10/04/25 23:05	1
Ethylbenzene	0.0011	U	0.0011	0.00053	mg/Kg	☼	10/02/25 11:07	10/04/25 23:05	1
Ethylene Dibromide	0.0011	U	0.0011	0.00057	mg/Kg	☼	10/02/25 11:07	10/04/25 23:05	1
Isopropylbenzene	0.0011	U	0.0011	0.00032	mg/Kg	☼	10/02/25 11:07	10/04/25 23:05	1
Methyl acetate	0.0057	U	0.0057	0.0049	mg/Kg	☼	10/02/25 11:07	10/04/25 23:05	1
Methyl tert-butyl ether	0.0011	U	0.0011	0.00058	mg/Kg	☼	10/02/25 11:07	10/04/25 23:05	1
Methylcyclohexane	0.0011	U	0.0011	0.00057	mg/Kg	☼	10/02/25 11:07	10/04/25 23:05	1
Methylene Chloride	**0.0015**	**J**	0.0023	0.0013	mg/Kg	☼	10/02/25 11:07	10/04/25 23:05	1
m-Xylene & p-Xylene	0.0011	U	0.0011	0.00048	mg/Kg	☼	10/02/25 11:07	10/04/25 23:05	1
n-Butylbenzene	0.0011	U	0.0011	0.00033	mg/Kg	☼	10/02/25 11:07	10/04/25 23:05	1
N-Propylbenzene	0.0011	U	0.0011	0.00051	mg/Kg	☼	10/02/25 11:07	10/04/25 23:05	1
o-Xylene	0.0011	U	0.0011	0.00052	mg/Kg	☼	10/02/25 11:07	10/04/25 23:05	1
sec-Butylbenzene	0.0011	U	0.0011	0.00033	mg/Kg	☼	10/02/25 11:07	10/04/25 23:05	1
Styrene	0.0011	U	0.0011	0.00032	mg/Kg	☼	10/02/25 11:07	10/04/25 23:05	1

Client Sample ID: 59F3_9-10

Lab Sample ID: 460-335975-57

Date Collected: 09/29/25 11:20
Matrix: Solid
Date Received: 09/29/25 15:30
Percent Solids: 97.6

Method: SW846 8260D - Volatile Organic Compounds by GC/MS (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
tert-Butylbenzene	0.0011	U	0.0011	0.00031	mg/Kg	☼	10/02/25 11:07	10/04/25 23:05	1
Tetrachloroethene	0.0011	U	0.0011	0.00035	mg/Kg	☼	10/02/25 11:07	10/04/25 23:05	1
Toluene	0.0011	U	0.0011	0.00027	mg/Kg	☼	10/02/25 11:07	10/04/25 23:05	1
trans-1,2-Dichloroethene	0.0011	U	0.0011	0.00028	mg/Kg	☼	10/02/25 11:07	10/04/25 23:05	1
trans-1,3-Dichloropropene	0.0011	U	0.0011	0.00030	mg/Kg	☼	10/02/25 11:07	10/04/25 23:05	1
Trichloroethene	0.0011	U	0.0011	0.00036	mg/Kg	☼	10/02/25 11:07	10/04/25 23:05	1
Trichlorofluoromethane	0.0011	U	0.0011	0.00046	mg/Kg	☼	10/02/25 11:07	10/04/25 23:05	1
Vinyl chloride	0.0011	U	0.0011	0.00062	mg/Kg	☼	10/02/25 11:07	10/04/25 23:05	1
Xylenes, Total	0.0023	U	0.0023	0.00020	mg/Kg	☼	10/02/25 11:07	10/04/25 23:05	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,2-Dichloroethane-d4 (Surr)	*115*		*65 - 138*	*10/02/25 11:07*	*10/04/25 23:05*	*1*
4-Bromofluorobenzene	*101*		*71 - 128*	*10/02/25 11:07*	*10/04/25 23:05*	*1*
Dibromofluoromethane (Surr)	*118*		*50 - 150*	*10/02/25 11:07*	*10/04/25 23:05*	*1*
Toluene-d8 (Surr)	*96*		*71 - 126*	*10/02/25 11:07*	*10/04/25 23:05*	*1*

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Percent Moisture (EPA Moisture)	**2.4**		1.0	1.0	%			10/02/25 17:24	1
Percent Solids (EPA Moisture)	**97.6**		1.0	1.0	%			10/02/25 17:24	1

Client Sample ID: 59F1_11-12

Lab Sample ID: 460-335975-58

Date Collected: 09/29/25 11:25
Matrix: Solid
Date Received: 09/29/25 15:30
Percent Solids: 89.8

Method: SW846 8260D - Volatile Organic Compounds by GC/MS

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1-Trichloroethane	0.0013	U	0.0013	0.00030	mg/Kg	☼	10/02/25 11:07	10/04/25 23:28	1
1,1,2,2-Tetrachloroethane	0.0013	U	0.0013	0.00066	mg/Kg	☼	10/02/25 11:07	10/04/25 23:28	1
1,1,2-Trichloro-1,2,2-trifluoroethane	0.0013	U	0.0013	0.00038	mg/Kg	☼	10/02/25 11:07	10/04/25 23:28	1
1,1,2-Trichloroethane	0.0013	U	0.0013	0.00076	mg/Kg	☼	10/02/25 11:07	10/04/25 23:28	1
1,1-Dichloroethane	0.0013	U	0.0013	0.00076	mg/Kg	☼	10/02/25 11:07	10/04/25 23:28	1
1,1-Dichloroethene	0.0013	U	0.0013	0.00029	mg/Kg	☼	10/02/25 11:07	10/04/25 23:28	1
1,2,3-Trichlorobenzene	0.0013	U	0.0013	0.00094	mg/Kg	☼	10/02/25 11:07	10/04/25 23:28	1
1,2,4-Trichlorobenzene	0.0013	U	0.0013	0.00045	mg/Kg	☼	10/02/25 11:07	10/04/25 23:28	1
1,2,4-Trimethylbenzene	0.0013	U	0.0013	0.00031	mg/Kg	☼	10/02/25 11:07	10/04/25 23:28	1
1,2-Dibromo-3-Chloropropane	0.0013	U	0.0013	0.00058	mg/Kg	☼	10/02/25 11:07	10/04/25 23:28	1
1,2-Dichlorobenzene	0.0013	U	0.0013	0.00046	mg/Kg	☼	10/02/25 11:07	10/04/25 23:28	1
1,2-Dichloroethane	0.0013	U	0.0013	0.00038	mg/Kg	☼	10/02/25 11:07	10/04/25 23:28	1
1,2-Dichloropropane	0.0013	U	0.0013	0.00054	mg/Kg	☼	10/02/25 11:07	10/04/25 23:28	1
1,3,5-Trimethylbenzene	0.0013	U	0.0013	0.00040	mg/Kg	☼	10/02/25 11:07	10/04/25 23:28	1
1,3-Dichlorobenzene	0.0013	U	0.0013	0.00046	mg/Kg	☼	10/02/25 11:07	10/04/25 23:28	1
1,4-Dichlorobenzene	0.0013	U	0.0013	0.00066	mg/Kg	☼	10/02/25 11:07	10/04/25 23:28	1
2-Butanone (MEK)	0.0063	U	0.0063	0.00047	mg/Kg	☼	10/02/25 11:07	10/04/25 23:28	1
2-Hexanone	0.0063	U	0.0063	0.0022	mg/Kg	☼	10/02/25 11:07	10/04/25 23:28	1
4-Methyl-2-pentanone (MIBK)	0.0063	U	0.0063	0.0020	mg/Kg	☼	10/02/25 11:07	10/04/25 23:28	1
Acetone	0.0076	U	0.0076	0.0072	mg/Kg	☼	10/02/25 11:07	10/04/25 23:28	1
Benzene	0.0013	U	0.0013	0.00072	mg/Kg	☼	10/02/25 11:07	10/04/25 23:28	1
Bromoform	0.0013	U	0.0013	0.00054	mg/Kg	☼	10/02/25 11:07	10/04/25 23:28	1
Bromomethane	0.0025	U	0.0025	0.0013	mg/Kg	☼	10/02/25 11:07	10/04/25 23:28	1

Client Sample ID: 59F1_11-12
Date Collected: 09/29/25 11:25
Date Received: 09/29/25 15:30

Lab Sample ID: 460-335975-58
Matrix: Solid
Percent Solids: 89.8

Method: SW846 8260D - Volatile Organic Compounds by GC/MS (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Carbon disulfide	0.0013	U	0.0013	0.00034	mg/Kg	☼	10/02/25 11:07	10/04/25 23:28	1
Carbon tetrachloride	0.0013	U	0.0013	0.00049	mg/Kg	☼	10/02/25 11:07	10/04/25 23:28	1
Chlorobenzene	0.0013	U	0.0013	0.00064	mg/Kg	☼	10/02/25 11:07	10/04/25 23:28	1
Chlorobromomethane	0.0013	U	0.0013	0.00076	mg/Kg	☼	10/02/25 11:07	10/04/25 23:28	1
Chlorodibromomethane	0.0013	U	0.0013	0.00068	mg/Kg	☼	10/02/25 11:07	10/04/25 23:28	1
Chloroethane	0.0013	U	0.0013	0.00066	mg/Kg	☼	10/02/25 11:07	10/04/25 23:28	1
Chloroform	0.0013	U	0.0013	0.0012	mg/Kg	☼	10/02/25 11:07	10/04/25 23:28	1
Chloromethane	0.0013	U	0.0013	0.00055	mg/Kg	☼	10/02/25 11:07	10/04/25 23:28	1
cis-1,2-Dichloroethene	0.0013	U	0.0013	0.00045	mg/Kg	☼	10/02/25 11:07	10/04/25 23:28	1
cis-1,3-Dichloropropene	0.0013	U	0.0013	0.00035	mg/Kg	☼	10/02/25 11:07	10/04/25 23:28	1
Cyclohexane	0.0013	U	0.0013	0.00028	mg/Kg	☼	10/02/25 11:07	10/04/25 23:28	1
Dichlorobromomethane	0.0013	U	0.0013	0.00033	mg/Kg	☼	10/02/25 11:07	10/04/25 23:28	1
Dichlorodifluoromethane	0.0013	U	0.0013	0.00043	mg/Kg	☼	10/02/25 11:07	10/04/25 23:28	1
Ethylbenzene	0.0013	U	0.0013	0.00059	mg/Kg	☼	10/02/25 11:07	10/04/25 23:28	1
Ethylene Dibromide	0.0013	U	0.0013	0.00064	mg/Kg	☼	10/02/25 11:07	10/04/25 23:28	1
Isopropylbenzene	0.0013	U	0.0013	0.00036	mg/Kg	☼	10/02/25 11:07	10/04/25 23:28	1
Methyl acetate	0.0063	U	0.0063	0.0055	mg/Kg	☼	10/02/25 11:07	10/04/25 23:28	1
Methyl tert-butyl ether	0.0013	U	0.0013	0.00065	mg/Kg	☼	10/02/25 11:07	10/04/25 23:28	1
Methylcyclohexane	0.0013	U	0.0013	0.00063	mg/Kg	☼	10/02/25 11:07	10/04/25 23:28	1
Methylene Chloride	0.0025	U	0.0025	0.0015	mg/Kg	☼	10/02/25 11:07	10/04/25 23:28	1
m-Xylene & p-Xylene	0.0013	U	0.0013	0.00054	mg/Kg	☼	10/02/25 11:07	10/04/25 23:28	1
n-Butylbenzene	0.0013	U	0.0013	0.00037	mg/Kg	☼	10/02/25 11:07	10/04/25 23:28	1
N-Propylbenzene	0.0013	U	0.0013	0.00057	mg/Kg	☼	10/02/25 11:07	10/04/25 23:28	1
o-Xylene	0.0013	U	0.0013	0.00058	mg/Kg	☼	10/02/25 11:07	10/04/25 23:28	1
sec-Butylbenzene	0.0013	U	0.0013	0.00037	mg/Kg	☼	10/02/25 11:07	10/04/25 23:28	1
Styrene	0.0013	U	0.0013	0.00035	mg/Kg	☼	10/02/25 11:07	10/04/25 23:28	1
tert-Butylbenzene	0.0013	U	0.0013	0.00035	mg/Kg	☼	10/02/25 11:07	10/04/25 23:28	1
Tetrachloroethene	0.0013	U	0.0013	0.00039	mg/Kg	☼	10/02/25 11:07	10/04/25 23:28	1
Toluene	0.0013	U	0.0013	0.00030	mg/Kg	☼	10/02/25 11:07	10/04/25 23:28	1
trans-1,2-Dichloroethene	0.0013	U	0.0013	0.00031	mg/Kg	☼	10/02/25 11:07	10/04/25 23:28	1
trans-1,3-Dichloropropene	0.0013	U	0.0013	0.00034	mg/Kg	☼	10/02/25 11:07	10/04/25 23:28	1
Trichloroethene	0.0013	U	0.0013	0.00041	mg/Kg	☼	10/02/25 11:07	10/04/25 23:28	1
Trichlorofluoromethane	0.0013	U	0.0013	0.00051	mg/Kg	☼	10/02/25 11:07	10/04/25 23:28	1
Vinyl chloride	0.0013	U	0.0013	0.00069	mg/Kg	☼	10/02/25 11:07	10/04/25 23:28	1
Xylenes, Total	0.0025	U	0.0025	0.00022	mg/Kg	☼	10/02/25 11:07	10/04/25 23:28	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,2-Dichloroethane-d4 (Surr)	*116*		*65 - 138*	*10/02/25 11:07*	*10/04/25 23:28*	*1*
4-Bromofluorobenzene	*108*		*71 - 128*	*10/02/25 11:07*	*10/04/25 23:28*	*1*
Dibromofluoromethane (Surr)	*122*		*50 - 150*	*10/02/25 11:07*	*10/04/25 23:28*	*1*
Toluene-d8 (Surr)	*100*		*71 - 126*	*10/02/25 11:07*	*10/04/25 23:28*	*1*

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Percent Moisture (EPA Moisture)	10.2		1.0	1.0	%			10/02/25 17:24	1
Percent Solids (EPA Moisture)	89.8		1.0	1.0	%			10/02/25 17:24	1

Client Sample ID: 57A1_1-2
Date Collected: 09/29/25 12:30
Date Received: 09/29/25 15:30

Lab Sample ID: 460-335975-59
Matrix: Solid
Percent Solids: 99.2

Method: SW846 8260D - Volatile Organic Compounds by GC/MS

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1-Trichloroethane	0.0014	U	0.0014	0.00032	mg/Kg	☼	10/02/25 11:07	10/04/25 23:51	1
1,1,2,2-Tetrachloroethane	0.0014	U	0.0014	0.00072	mg/Kg	☼	10/02/25 11:07	10/04/25 23:51	1
1,1,2-Trichloro-1,2,2-trifluoroethane	0.0014	U	0.0014	0.00041	mg/Kg	☼	10/02/25 11:07	10/04/25 23:51	1
1,1,2-Trichloroethane	0.0014	U	0.0014	0.00083	mg/Kg	☼	10/02/25 11:07	10/04/25 23:51	1
1,1-Dichloroethane	0.0014	U	0.0014	0.00082	mg/Kg	☼	10/02/25 11:07	10/04/25 23:51	1
1,1-Dichloroethene	0.0014	U	0.0014	0.00031	mg/Kg	☼	10/02/25 11:07	10/04/25 23:51	1
1,2,3-Trichlorobenzene	0.0014	U	0.0014	0.0010	mg/Kg	☼	10/02/25 11:07	10/04/25 23:51	1
1,2,4-Trichlorobenzene	0.0014	U	0.0014	0.00049	mg/Kg	☼	10/02/25 11:07	10/04/25 23:51	1
1,2,4-Trimethylbenzene	0.0014	U	0.0014	0.00034	mg/Kg	☼	10/02/25 11:07	10/04/25 23:51	1
1,2-Dibromo-3-Chloropropane	0.0014	U	0.0014	0.00063	mg/Kg	☼	10/02/25 11:07	10/04/25 23:51	1
1,2-Dichlorobenzene	0.0014	U	0.0014	0.00050	mg/Kg	☼	10/02/25 11:07	10/04/25 23:51	1
1,2-Dichloroethane	0.0014	U	0.0014	0.00041	mg/Kg	☼	10/02/25 11:07	10/04/25 23:51	1
1,2-Dichloropropane	0.0014	U	0.0014	0.00058	mg/Kg	☼	10/02/25 11:07	10/04/25 23:51	1
1,3,5-Trimethylbenzene	0.0014	U	0.0014	0.00043	mg/Kg	☼	10/02/25 11:07	10/04/25 23:51	1
1,3-Dichlorobenzene	0.0014	U	0.0014	0.00050	mg/Kg	☼	10/02/25 11:07	10/04/25 23:51	1
1,4-Dichlorobenzene	0.0014	U	0.0014	0.00071	mg/Kg	☼	10/02/25 11:07	10/04/25 23:51	1
2-Butanone (MEK)	0.0069	U	0.0069	0.00051	mg/Kg	☼	10/02/25 11:07	10/04/25 23:51	1
2-Hexanone	0.0069	U	0.0069	0.0024	mg/Kg	☼	10/02/25 11:07	10/04/25 23:51	1
4-Methyl-2-pentanone (MIBK)	0.0069	U	0.0069	0.0021	mg/Kg	☼	10/02/25 11:07	10/04/25 23:51	1
Acetone	0.0082	U	0.0082	0.0079	mg/Kg	☼	10/02/25 11:07	10/04/25 23:51	1
Benzene	0.0014	U	0.0014	0.00078	mg/Kg	☼	10/02/25 11:07	10/04/25 23:51	1
Bromoform	0.0014	U	0.0014	0.00058	mg/Kg	☼	10/02/25 11:07	10/04/25 23:51	1
Bromomethane	0.0027	U	0.0027	0.0014	mg/Kg	☼	10/02/25 11:07	10/04/25 23:51	1
Carbon disulfide	0.0014	U	0.0014	0.00037	mg/Kg	☼	10/02/25 11:07	10/04/25 23:51	1
Carbon tetrachloride	0.0014	U	0.0014	0.00053	mg/Kg	☼	10/02/25 11:07	10/04/25 23:51	1
Chlorobenzene	0.0014	U	0.0014	0.00070	mg/Kg	☼	10/02/25 11:07	10/04/25 23:51	1
Chlorobromomethane	0.0014	U	0.0014	0.00082	mg/Kg	☼	10/02/25 11:07	10/04/25 23:51	1
Chlorodibromomethane	0.0014	U	0.0014	0.00074	mg/Kg	☼	10/02/25 11:07	10/04/25 23:51	1
Chloroethane	0.0014	U	0.0014	0.00072	mg/Kg	☼	10/02/25 11:07	10/04/25 23:51	1
Chloroform	0.0014	U	0.0014	0.0013	mg/Kg	☼	10/02/25 11:07	10/04/25 23:51	1
Chloromethane	0.0014	U	0.0014	0.00060	mg/Kg	☼	10/02/25 11:07	10/04/25 23:51	1
cis-1,2-Dichloroethene	0.0014	U	0.0014	0.00049	mg/Kg	☼	10/02/25 11:07	10/04/25 23:51	1
cis-1,3-Dichloropropene	0.0014	U	0.0014	0.00038	mg/Kg	☼	10/02/25 11:07	10/04/25 23:51	1
Cyclohexane	0.0014	U	0.0014	0.00030	mg/Kg	☼	10/02/25 11:07	10/04/25 23:51	1
Dichlorobromomethane	0.0014	U	0.0014	0.00035	mg/Kg	☼	10/02/25 11:07	10/04/25 23:51	1
Dichlorodifluoromethane	0.0014	U	0.0014	0.00046	mg/Kg	☼	10/02/25 11:07	10/04/25 23:51	1
Ethylbenzene	0.0014	U	0.0014	0.00064	mg/Kg	☼	10/02/25 11:07	10/04/25 23:51	1
Ethylene Dibromide	0.0014	U	0.0014	0.00069	mg/Kg	☼	10/02/25 11:07	10/04/25 23:51	1
Isopropylbenzene	0.0014	U	0.0014	0.00039	mg/Kg	☼	10/02/25 11:07	10/04/25 23:51	1
Methyl acetate	0.0069	U	0.0069	0.0059	mg/Kg	☼	10/02/25 11:07	10/04/25 23:51	1
Methyl tert-butyl ether	0.0014	U	0.0014	0.00070	mg/Kg	☼	10/02/25 11:07	10/04/25 23:51	1
Methylcyclohexane	0.0014	U	0.0014	0.00069	mg/Kg	☼	10/02/25 11:07	10/04/25 23:51	1
Methylene Chloride	**0.0040**		0.0027	0.0016	mg/Kg	☼	10/02/25 11:07	10/04/25 23:51	1
m-Xylene & p-Xylene	0.0014	U	0.0014	0.00058	mg/Kg	☼	10/02/25 11:07	10/04/25 23:51	1
n-Butylbenzene	0.0014	U	0.0014	0.00040	mg/Kg	☼	10/02/25 11:07	10/04/25 23:51	1
N-Propylbenzene	0.0014	U	0.0014	0.00062	mg/Kg	☼	10/02/25 11:07	10/04/25 23:51	1
o-Xylene	0.0014	U	0.0014	0.00063	mg/Kg	☼	10/02/25 11:07	10/04/25 23:51	1
sec-Butylbenzene	0.0014	U	0.0014	0.00040	mg/Kg	☼	10/02/25 11:07	10/04/25 23:51	1
Styrene	0.0014	U	0.0014	0.00038	mg/Kg	☼	10/02/25 11:07	10/04/25 23:51	1

Client Sample ID: 57A1_1-2

Lab Sample ID: 460-335975-59
Date Collected: 09/29/25 12:30
Matrix: Solid
Date Received: 09/29/25 15:30
Percent Solids: 99.2

Method: SW846 8260D - Volatile Organic Compounds by GC/MS (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
tert-Butylbenzene	0.0014	U	0.0014	0.00038	mg/Kg	☼	10/02/25 11:07	10/04/25 23:51	1
Tetrachloroethene	0.0014	U	0.0014	0.00042	mg/Kg	☼	10/02/25 11:07	10/04/25 23:51	1
Toluene	0.0014	U	0.0014	0.00032	mg/Kg	☼	10/02/25 11:07	10/04/25 23:51	1
trans-1,2-Dichloroethene	0.0014	U	0.0014	0.00034	mg/Kg	☼	10/02/25 11:07	10/04/25 23:51	1
trans-1,3-Dichloropropene	0.0014	U	0.0014	0.00037	mg/Kg	☼	10/02/25 11:07	10/04/25 23:51	1
Trichloroethene	0.0014	U	0.0014	0.00044	mg/Kg	☼	10/02/25 11:07	10/04/25 23:51	1
Trichlorofluoromethane	0.0014	U	0.0014	0.00056	mg/Kg	☼	10/02/25 11:07	10/04/25 23:51	1
Vinyl chloride	0.0014	U	0.0014	0.00075	mg/Kg	☼	10/02/25 11:07	10/04/25 23:51	1
Xylenes, Total	0.0027	U	0.0027	0.00024	mg/Kg	☼	10/02/25 11:07	10/04/25 23:51	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,2-Dichloroethane-d4 (Surr)	*111*		*65 - 138*	*10/02/25 11:07*	*10/04/25 23:51*	*1*
4-Bromofluorobenzene	*99*		*71 - 128*	*10/02/25 11:07*	*10/04/25 23:51*	*1*
Dibromofluoromethane (Surr)	*117*		*50 - 150*	*10/02/25 11:07*	*10/04/25 23:51*	*1*
Toluene-d8 (Surr)	*95*		*71 - 126*	*10/02/25 11:07*	*10/04/25 23:51*	*1*

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Percent Moisture (EPA Moisture)	1.0	U	1.0	1.0	%			10/02/25 17:24	1
Percent Solids (EPA Moisture)	**99.2**		1.0	1.0	%			10/02/25 17:24	1

Client Sample ID: 57A2_2-3

Lab Sample ID: 460-335975-60
Date Collected: 09/29/25 12:35
Matrix: Solid
Date Received: 09/29/25 15:30
Percent Solids: 98.0

Method: SW846 8260D - Volatile Organic Compounds by GC/MS

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1-Trichloroethane	0.0022	U	0.0022	0.00051	mg/Kg	☼	10/02/25 11:08	10/05/25 00:14	1
1,1,2,2-Tetrachloroethane	0.0022	U	0.0022	0.0011	mg/Kg	☼	10/02/25 11:08	10/05/25 00:14	1
1,1,2-Trichloro-1,2,2-trifluoroethane	0.0022	U	0.0022	0.00066	mg/Kg	☼	10/02/25 11:08	10/05/25 00:14	1
1,1,2-Trichloroethane	0.0022	U	0.0022	0.0013	mg/Kg	☼	10/02/25 11:08	10/05/25 00:14	1
1,1-Dichloroethane	0.0022	U	0.0022	0.0013	mg/Kg	☼	10/02/25 11:08	10/05/25 00:14	1
1,1-Dichloroethene	0.0022	U	0.0022	0.00049	mg/Kg	☼	10/02/25 11:08	10/05/25 00:14	1
1,2,3-Trichlorobenzene	0.0022	U	0.0022	0.0016	mg/Kg	☼	10/02/25 11:08	10/05/25 00:14	1
1,2,4-Trichlorobenzene	0.0022	U	0.0022	0.00079	mg/Kg	☼	10/02/25 11:08	10/05/25 00:14	1
1,2,4-Trimethylbenzene	0.0022	U	0.0022	0.00054	mg/Kg	☼	10/02/25 11:08	10/05/25 00:14	1
1,2-Dibromo-3-Chloropropane	0.0022	U	0.0022	0.0010	mg/Kg	☼	10/02/25 11:08	10/05/25 00:14	1
1,2-Dichlorobenzene	0.0022	U	0.0022	0.00079	mg/Kg	☼	10/02/25 11:08	10/05/25 00:14	1
1,2-Dichloroethane	0.0022	U	0.0022	0.00065	mg/Kg	☼	10/02/25 11:08	10/05/25 00:14	1
1,2-Dichloropropane	0.0022	U	0.0022	0.00093	mg/Kg	☼	10/02/25 11:08	10/05/25 00:14	1
1,3,5-Trimethylbenzene	0.0022	U	0.0022	0.00069	mg/Kg	☼	10/02/25 11:08	10/05/25 00:14	1
1,3-Dichlorobenzene	0.0022	U	0.0022	0.00080	mg/Kg	☼	10/02/25 11:08	10/05/25 00:14	1
1,4-Dichlorobenzene	0.0022	U	0.0022	0.0011	mg/Kg	☼	10/02/25 11:08	10/05/25 00:14	1
2-Butanone (MEK)	0.011	U	0.011	0.00081	mg/Kg	☼	10/02/25 11:08	10/05/25 00:14	1
2-Hexanone	0.011	U	0.011	0.0038	mg/Kg	☼	10/02/25 11:08	10/05/25 00:14	1
4-Methyl-2-pentanone (MIBK)	0.011	U	0.011	0.0034	mg/Kg	☼	10/02/25 11:08	10/05/25 00:14	1
Acetone	0.013	U	0.013	0.013	mg/Kg	☼	10/02/25 11:08	10/05/25 00:14	1
Benzene	0.0022	U	0.0022	0.0012	mg/Kg	☼	10/02/25 11:08	10/05/25 00:14	1
Bromoform	0.0022	U	0.0022	0.00093	mg/Kg	☼	10/02/25 11:08	10/05/25 00:14	1
Bromomethane	0.0044	U	0.0044	0.0022	mg/Kg	☼	10/02/25 11:08	10/05/25 00:14	1

Client Sample ID: 57A2_2-3
Date Collected: 09/29/25 12:35
Date Received: 09/29/25 15:30

Lab Sample ID: 460-335975-60
Matrix: Solid
Percent Solids: 98.0

Method: SW846 8260D - Volatile Organic Compounds by GC/MS (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Carbon disulfide	0.0022	U	0.0022	0.00058	mg/Kg	☼	10/02/25 11:08	10/05/25 00:14	1
Carbon tetrachloride	0.0022	U	0.0022	0.00085	mg/Kg	☼	10/02/25 11:08	10/05/25 00:14	1
Chlorobenzene	0.0022	U	0.0022	0.0011	mg/Kg	☼	10/02/25 11:08	10/05/25 00:14	1
Chlorobromomethane	0.0022	U	0.0022	0.0013	mg/Kg	☼	10/02/25 11:08	10/05/25 00:14	1
Chlorodibromomethane	0.0022	U	0.0022	0.0012	mg/Kg	☼	10/02/25 11:08	10/05/25 00:14	1
Chloroethane	0.0022	U	0.0022	0.0011	mg/Kg	☼	10/02/25 11:08	10/05/25 00:14	1
Chloroform	0.0022	U	0.0022	0.0021	mg/Kg	☼	10/02/25 11:08	10/05/25 00:14	1
Chloromethane	0.0022	U	0.0022	0.00096	mg/Kg	☼	10/02/25 11:08	10/05/25 00:14	1
cis-1,2-Dichloroethene	0.0022	U	0.0022	0.00079	mg/Kg	☼	10/02/25 11:08	10/05/25 00:14	1
cis-1,3-Dichloropropene	0.0022	U	0.0022	0.00060	mg/Kg	☼	10/02/25 11:08	10/05/25 00:14	1
Cyclohexane	0.0022	U	0.0022	0.00049	mg/Kg	☼	10/02/25 11:08	10/05/25 00:14	1
Dichlorobromomethane	0.0022	U	0.0022	0.00057	mg/Kg	☼	10/02/25 11:08	10/05/25 00:14	1
Dichlorodifluoromethane	0.0022	U	0.0022	0.00074	mg/Kg	☼	10/02/25 11:08	10/05/25 00:14	1
Ethylbenzene	0.0022	U	0.0022	0.0010	mg/Kg	☼	10/02/25 11:08	10/05/25 00:14	1
Ethylene Dibromide	0.0022	U	0.0022	0.0011	mg/Kg	☼	10/02/25 11:08	10/05/25 00:14	1
Isopropylbenzene	0.0022	U	0.0022	0.00063	mg/Kg	☼	10/02/25 11:08	10/05/25 00:14	1
Methyl acetate	0.011	U	0.011	0.0095	mg/Kg	☼	10/02/25 11:08	10/05/25 00:14	1
Methyl tert-butyl ether	0.0022	U	0.0022	0.0011	mg/Kg	☼	10/02/25 11:08	10/05/25 00:14	1
Methylcyclohexane	0.0022	U	0.0022	0.0011	mg/Kg	☼	10/02/25 11:08	10/05/25 00:14	1
Methylene Chloride	**0.0080**		0.0044	0.0025	mg/Kg	☼	10/02/25 11:08	10/05/25 00:14	1
m-Xylene & p-Xylene	0.0022	U	0.0022	0.00093	mg/Kg	☼	10/02/25 11:08	10/05/25 00:14	1
n-Butylbenzene	0.0022	U	0.0022	0.00065	mg/Kg	☼	10/02/25 11:08	10/05/25 00:14	1
N-Propylbenzene	0.0022	U	0.0022	0.00099	mg/Kg	☼	10/02/25 11:08	10/05/25 00:14	1
o-Xylene	0.0022	U	0.0022	0.0010	mg/Kg	☼	10/02/25 11:08	10/05/25 00:14	1
sec-Butylbenzene	0.0022	U	0.0022	0.00063	mg/Kg	☼	10/02/25 11:08	10/05/25 00:14	1
Styrene	0.0022	U	0.0022	0.00061	mg/Kg	☼	10/02/25 11:08	10/05/25 00:14	1
tert-Butylbenzene	0.0022	U	0.0022	0.00061	mg/Kg	☼	10/02/25 11:08	10/05/25 00:14	1
Tetrachloroethene	0.0022	U	0.0022	0.00067	mg/Kg	☼	10/02/25 11:08	10/05/25 00:14	1
Toluene	0.0022	U	0.0022	0.00051	mg/Kg	☼	10/02/25 11:08	10/05/25 00:14	1
trans-1,2-Dichloroethene	0.0022	U	0.0022	0.00054	mg/Kg	☼	10/02/25 11:08	10/05/25 00:14	1
trans-1,3-Dichloropropene	0.0022	U	0.0022	0.00058	mg/Kg	☼	10/02/25 11:08	10/05/25 00:14	1
Trichloroethene	0.0022	U	0.0022	0.00071	mg/Kg	☼	10/02/25 11:08	10/05/25 00:14	1
Trichlorofluoromethane	0.0022	U	0.0022	0.00089	mg/Kg	☼	10/02/25 11:08	10/05/25 00:14	1
Vinyl chloride	0.0022	U	0.0022	0.0012	mg/Kg	☼	10/02/25 11:08	10/05/25 00:14	1
Xylenes, Total	0.0044	U	0.0044	0.00038	mg/Kg	☼	10/02/25 11:08	10/05/25 00:14	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,2-Dichloroethane-d4 (Surr)	*112*		*65 - 138*	*10/02/25 11:08*	*10/05/25 00:14*	*1*
4-Bromofluorobenzene	*98*		*71 - 128*	*10/02/25 11:08*	*10/05/25 00:14*	*1*
Dibromofluoromethane (Surr)	*117*		*50 - 150*	*10/02/25 11:08*	*10/05/25 00:14*	*1*
Toluene-d8 (Surr)	*95*		*71 - 126*	*10/02/25 11:08*	*10/05/25 00:14*	*1*

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Percent Moisture (EPA Moisture)	**2.0**		1.0	1.0	%			10/02/25 17:24	1
Percent Solids (EPA Moisture)	**98.0**		1.0	1.0	%			10/02/25 17:24	1

Client: Haley & Aldrich, Inc.
Project/Site: Former Port Mobil

Job ID: 460-335975-1

Client Sample ID: 57A3_3-4
Date Collected: 09/29/25 12:40
Date Received: 09/29/25 15:30

Lab Sample ID: 460-335975-61
Matrix: Solid
Percent Solids: 98.6

Method: SW846 8260D - Volatile Organic Compounds by GC/MS

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1-Trichloroethane	0.0010	U	0.0010	0.00024	mg/Kg	☼	10/02/25 11:08	10/05/25 00:37	1
1,1,2,2-Tetrachloroethane	0.0010	U	0.0010	0.00055	mg/Kg	☼	10/02/25 11:08	10/05/25 00:37	1
1,1,2-Trichloro-1,2,2-trifluoroethane	0.0010	U	0.0010	0.00032	mg/Kg	☼	10/02/25 11:08	10/05/25 00:37	1
1,1,2-Trichloroethane	0.0010	U	0.0010	0.00063	mg/Kg	☼	10/02/25 11:08	10/05/25 00:37	1
1,1-Dichloroethane	0.0010	U	0.0010	0.00063	mg/Kg	☼	10/02/25 11:08	10/05/25 00:37	1
1,1-Dichloroethene	0.0010	U	0.0010	0.00024	mg/Kg	☼	10/02/25 11:08	10/05/25 00:37	1
1,2,3-Trichlorobenzene	0.0010	U	0.0010	0.00077	mg/Kg	☼	10/02/25 11:08	10/05/25 00:37	1
1,2,4-Trichlorobenzene	0.0010	U	0.0010	0.00038	mg/Kg	☼	10/02/25 11:08	10/05/25 00:37	1
1,2,4-Trimethylbenzene	0.0010	U	0.0010	0.00026	mg/Kg	☼	10/02/25 11:08	10/05/25 00:37	1
1,2-Dibromo-3-Chloropropane	0.0010	U	0.0010	0.00048	mg/Kg	☼	10/02/25 11:08	10/05/25 00:37	1
1,2-Dichlorobenzene	0.0010	U	0.0010	0.00038	mg/Kg	☼	10/02/25 11:08	10/05/25 00:37	1
1,2-Dichloroethane	0.0010	U	0.0010	0.00031	mg/Kg	☼	10/02/25 11:08	10/05/25 00:37	1
1,2-Dichloropropane	0.0010	U	0.0010	0.00044	mg/Kg	☼	10/02/25 11:08	10/05/25 00:37	1
1,3,5-Trimethylbenzene	0.0010	U	0.0010	0.00033	mg/Kg	☼	10/02/25 11:08	10/05/25 00:37	1
1,3-Dichlorobenzene	0.0010	U	0.0010	0.00038	mg/Kg	☼	10/02/25 11:08	10/05/25 00:37	1
1,4-Dichlorobenzene	0.0010	U	0.0010	0.00054	mg/Kg	☼	10/02/25 11:08	10/05/25 00:37	1
2-Butanone (MEK)	0.0052	U	0.0052	0.00039	mg/Kg	☼	10/02/25 11:08	10/05/25 00:37	1
2-Hexanone	0.0052	U	0.0052	0.0018	mg/Kg	☼	10/02/25 11:08	10/05/25 00:37	1
4-Methyl-2-pentanone (MIBK)	0.0052	U	0.0052	0.0016	mg/Kg	☼	10/02/25 11:08	10/05/25 00:37	1
Acetone	0.0063	U	0.0063	0.0060	mg/Kg	☼	10/02/25 11:08	10/05/25 00:37	1
Benzene	0.0010	U	0.0010	0.00059	mg/Kg	☼	10/02/25 11:08	10/05/25 00:37	1
Bromoform	0.0010	U	0.0010	0.00045	mg/Kg	☼	10/02/25 11:08	10/05/25 00:37	1
Bromomethane	0.0021	U	0.0021	0.0010	mg/Kg	☼	10/02/25 11:08	10/05/25 00:37	1
Carbon disulfide	0.0010	U	0.0010	0.00028	mg/Kg	☼	10/02/25 11:08	10/05/25 00:37	1
Carbon tetrachloride	0.0010	U	0.0010	0.00041	mg/Kg	☼	10/02/25 11:08	10/05/25 00:37	1
Chlorobenzene	0.0010	U	0.0010	0.00053	mg/Kg	☼	10/02/25 11:08	10/05/25 00:37	1
Chlorobromomethane	0.0010	U	0.0010	0.00062	mg/Kg	☼	10/02/25 11:08	10/05/25 00:37	1
Chlorodibromomethane	0.0010	U	0.0010	0.00056	mg/Kg	☼	10/02/25 11:08	10/05/25 00:37	1
Chloroethane	0.0010	U	0.0010	0.00055	mg/Kg	☼	10/02/25 11:08	10/05/25 00:37	1
Chloroform	0.0010	U	0.0010	0.0010	mg/Kg	☼	10/02/25 11:08	10/05/25 00:37	1
Chloromethane	0.0010	U	0.0010	0.00046	mg/Kg	☼	10/02/25 11:08	10/05/25 00:37	1
cis-1,2-Dichloroethene	0.0010	U	0.0010	0.00038	mg/Kg	☼	10/02/25 11:08	10/05/25 00:37	1
cis-1,3-Dichloropropene	0.0010	U	0.0010	0.00029	mg/Kg	☼	10/02/25 11:08	10/05/25 00:37	1
Cyclohexane	0.0010	U	0.0010	0.00023	mg/Kg	☼	10/02/25 11:08	10/05/25 00:37	1
Dichlorobromomethane	0.0010	U	0.0010	0.00027	mg/Kg	☼	10/02/25 11:08	10/05/25 00:37	1
Dichlorodifluoromethane	0.0010	U	0.0010	0.00035	mg/Kg	☼	10/02/25 11:08	10/05/25 00:37	1
Ethylbenzene	0.0010	U	0.0010	0.00049	mg/Kg	☼	10/02/25 11:08	10/05/25 00:37	1
Ethylene Dibromide	0.0010	U	0.0010	0.00053	mg/Kg	☼	10/02/25 11:08	10/05/25 00:37	1
Isopropylbenzene	0.0010	U	0.0010	0.00030	mg/Kg	☼	10/02/25 11:08	10/05/25 00:37	1
Methyl acetate	0.0052	U	0.0052	0.0045	mg/Kg	☼	10/02/25 11:08	10/05/25 00:37	1
Methyl tert-butyl ether	0.0010	U	0.0010	0.00054	mg/Kg	☼	10/02/25 11:08	10/05/25 00:37	1
Methylcyclohexane	0.0010	U	0.0010	0.00052	mg/Kg	☼	10/02/25 11:08	10/05/25 00:37	1
Methylene Chloride	**0.0021**		0.0021	0.0012	mg/Kg	☼	10/02/25 11:08	10/05/25 00:37	1
m-Xylene & p-Xylene	0.0010	U	0.0010	0.00044	mg/Kg	☼	10/02/25 11:08	10/05/25 00:37	1
n-Butylbenzene	0.0010	U	0.0010	0.00031	mg/Kg	☼	10/02/25 11:08	10/05/25 00:37	1
N-Propylbenzene	0.0010	U	0.0010	0.00047	mg/Kg	☼	10/02/25 11:08	10/05/25 00:37	1
o-Xylene	0.0010	U	0.0010	0.00048	mg/Kg	☼	10/02/25 11:08	10/05/25 00:37	1
sec-Butylbenzene	0.0010	U	0.0010	0.00030	mg/Kg	☼	10/02/25 11:08	10/05/25 00:37	1
Styrene	0.0010	U	0.0010	0.00029	mg/Kg	☼	10/02/25 11:08	10/05/25 00:37	1

Client Sample ID: 57A3_3-4

Date Collected: 09/29/25 12:40
Date Received: 09/29/25 15:30

Lab Sample ID: 460-335975-61
Matrix: Solid
Percent Solids: 98.6

Method: SW846 8260D - Volatile Organic Compounds by GC/MS (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
tert-Butylbenzene	0.0010	U	0.0010	0.00029	mg/Kg	☼	10/02/25 11:08	10/05/25 00:37	1
Tetrachloroethene	0.0010	U	0.0010	0.00032	mg/Kg	☼	10/02/25 11:08	10/05/25 00:37	1
Toluene	0.0010	U	0.0010	0.00025	mg/Kg	☼	10/02/25 11:08	10/05/25 00:37	1
trans-1,2-Dichloroethene	0.0010	U	0.0010	0.00026	mg/Kg	☼	10/02/25 11:08	10/05/25 00:37	1
trans-1,3-Dichloropropene	0.0010	U	0.0010	0.00028	mg/Kg	☼	10/02/25 11:08	10/05/25 00:37	1
Trichloroethene	0.0010	U	0.0010	0.00034	mg/Kg	☼	10/02/25 11:08	10/05/25 00:37	1
Trichlorofluoromethane	0.0010	U	0.0010	0.00043	mg/Kg	☼	10/02/25 11:08	10/05/25 00:37	1
Vinyl chloride	0.0010	U	0.0010	0.00057	mg/Kg	☼	10/02/25 11:08	10/05/25 00:37	1
Xylenes, Total	0.0021	U	0.0021	0.00018	mg/Kg	☼	10/02/25 11:08	10/05/25 00:37	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,2-Dichloroethane-d4 (Surr)	*114*		*65 - 138*	*10/02/25 11:08*	*10/05/25 00:37*	*1*
4-Bromofluorobenzene	*99*		*71 - 128*	*10/02/25 11:08*	*10/05/25 00:37*	*1*
Dibromofluoromethane (Surr)	*119*		*50 - 150*	*10/02/25 11:08*	*10/05/25 00:37*	*1*
Toluene-d8 (Surr)	*96*		*71 - 126*	*10/02/25 11:08*	*10/05/25 00:37*	*1*

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Percent Moisture (EPA Moisture)	**1.4**		1.0	1.0	%			10/02/25 17:24	1
Percent Solids (EPA Moisture)	**98.6**		1.0	1.0	%			10/02/25 17:24	1

Client Sample ID: 57A1_4-5

Date Collected: 09/29/25 12:45
Date Received: 09/29/25 15:30

Lab Sample ID: 460-335975-62
Matrix: Solid
Percent Solids: 99.3

Method: SW846 8260D - Volatile Organic Compounds by GC/MS

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1-Trichloroethane	0.00084	U *	0.00084	0.00020	mg/Kg	☼	10/02/25 11:09	10/05/25 01:00	1
1,1,2,2-Tetrachloroethane	0.00084	U	0.00084	0.00044	mg/Kg	☼	10/02/25 11:09	10/05/25 01:00	1
1,1,2-Trichloro-1,2,2-trifluoroethane	0.00084	U *	0.00084	0.00025	mg/Kg	☼	10/02/25 11:09	10/05/25 01:00	1
1,1,2-Trichloroethane	0.00084	U	0.00084	0.00050	mg/Kg	☼	10/02/25 11:09	10/05/25 01:00	1
1,1-Dichloroethane	0.00084	U *	0.00084	0.00050	mg/Kg	☼	10/02/25 11:09	10/05/25 01:00	1
1,1-Dichloroethene	0.00084	U *	0.00084	0.00019	mg/Kg	☼	10/02/25 11:09	10/05/25 01:00	1
1,2,3-Trichlorobenzene	0.00084	U	0.00084	0.00062	mg/Kg	☼	10/02/25 11:09	10/05/25 01:00	1
1,2,4-Trichlorobenzene	0.00084	U	0.00084	0.00030	mg/Kg	☼	10/02/25 11:09	10/05/25 01:00	1
1,2,4-Trimethylbenzene	0.00084	U	0.00084	0.00021	mg/Kg	☼	10/02/25 11:09	10/05/25 01:00	1
1,2-Dibromo-3-Chloropropane	0.00084	U	0.00084	0.00039	mg/Kg	☼	10/02/25 11:09	10/05/25 01:00	1
1,2-Dichlorobenzene	0.00084	U	0.00084	0.00030	mg/Kg	☼	10/02/25 11:09	10/05/25 01:00	1
1,2-Dichloroethane	0.00084	U *	0.00084	0.00025	mg/Kg	☼	10/02/25 11:09	10/05/25 01:00	1
1,2-Dichloropropane	0.00084	U *	0.00084	0.00035	mg/Kg	☼	10/02/25 11:09	10/05/25 01:00	1
1,3,5-Trimethylbenzene	0.00084	U	0.00084	0.00026	mg/Kg	☼	10/02/25 11:09	10/05/25 01:00	1
1,3-Dichlorobenzene	0.00084	U	0.00084	0.00031	mg/Kg	☼	10/02/25 11:09	10/05/25 01:00	1
1,4-Dichlorobenzene	0.00084	U	0.00084	0.00043	mg/Kg	☼	10/02/25 11:09	10/05/25 01:00	1
2-Butanone (MEK)	0.0042	U *	0.0042	0.00031	mg/Kg	☼	10/02/25 11:09	10/05/25 01:00	1
2-Hexanone	0.0042	U *	0.0042	0.0014	mg/Kg	☼	10/02/25 11:09	10/05/25 01:00	1
4-Methyl-2-pentanone (MIBK)	0.0042	U *	0.0042	0.0013	mg/Kg	☼	10/02/25 11:09	10/05/25 01:00	1
Acetone	**0.0075**	*	0.0050	0.0048	mg/Kg	☼	10/02/25 11:09	10/05/25 01:00	1
Benzene	0.00084	U	0.00084	0.00047	mg/Kg	☼	10/02/25 11:09	10/05/25 01:00	1
Bromoform	0.00084	U	0.00084	0.00036	mg/Kg	☼	10/02/25 11:09	10/05/25 01:00	1
Bromomethane	0.0017	U *	0.0017	0.00084	mg/Kg	☼	10/02/25 11:09	10/05/25 01:00	1

Client Sample ID: 57A1_4-5
Date Collected: 09/29/25 12:45
Date Received: 09/29/25 15:30

Lab Sample ID: 460-335975-62
Matrix: Solid
Percent Solids: 99.3

Method: SW846 8260D - Volatile Organic Compounds by GC/MS (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Carbon disulfide	0.00084	U *	0.00084	0.00022	mg/Kg	☼	10/02/25 11:09	10/05/25 01:00	1
Carbon tetrachloride	0.00084	U *	0.00084	0.00032	mg/Kg	☼	10/02/25 11:09	10/05/25 01:00	1
Chlorobenzene	0.00084	U	0.00084	0.00042	mg/Kg	☼	10/02/25 11:09	10/05/25 01:00	1
Chlorobromomethane	0.00084	U *	0.00084	0.00050	mg/Kg	☼	10/02/25 11:09	10/05/25 01:00	1
Chlorodibromomethane	0.00084	U	0.00084	0.00045	mg/Kg	☼	10/02/25 11:09	10/05/25 01:00	1
Chloroethane	0.00084	U *	0.00084	0.00044	mg/Kg	☼	10/02/25 11:09	10/05/25 01:00	1
Chloroform	0.00084	U *	0.00084	0.00081	mg/Kg	☼	10/02/25 11:09	10/05/25 01:00	1
Chloromethane	0.00084	U *	0.00084	0.00036	mg/Kg	☼	10/02/25 11:09	10/05/25 01:00	1
cis-1,2-Dichloroethene	0.00084	U *	0.00084	0.00030	mg/Kg	☼	10/02/25 11:09	10/05/25 01:00	1
cis-1,3-Dichloropropene	0.00084	U	0.00084	0.00023	mg/Kg	☼	10/02/25 11:09	10/05/25 01:00	1
Cyclohexane	0.00084	U *	0.00084	0.00019	mg/Kg	☼	10/02/25 11:09	10/05/25 01:00	1
Dichlorobromomethane	0.00084	U *	0.00084	0.00022	mg/Kg	☼	10/02/25 11:09	10/05/25 01:00	1
Dichlorodifluoromethane	0.00084	U *	0.00084	0.00028	mg/Kg	☼	10/02/25 11:09	10/05/25 01:00	1
Ethylbenzene	0.00084	U	0.00084	0.00039	mg/Kg	☼	10/02/25 11:09	10/05/25 01:00	1
Ethylene Dibromide	0.00084	U	0.00084	0.00042	mg/Kg	☼	10/02/25 11:09	10/05/25 01:00	1
Isopropylbenzene	0.00084	U	0.00084	0.00024	mg/Kg	☼	10/02/25 11:09	10/05/25 01:00	1
Methyl acetate	0.0042	U *	0.0042	0.0036	mg/Kg	☼	10/02/25 11:09	10/05/25 01:00	1
Methyl tert-butyl ether	0.00084	U *	0.00084	0.00043	mg/Kg	☼	10/02/25 11:09	10/05/25 01:00	1
Methylcyclohexane	0.00084	U *	0.00084	0.00042	mg/Kg	☼	10/02/25 11:09	10/05/25 01:00	1
Methylene Chloride	0.0017	U *	0.0017	0.00096	mg/Kg	☼	10/02/25 11:09	10/05/25 01:00	1
m-Xylene & p-Xylene	0.00084	U	0.00084	0.00035	mg/Kg	☼	10/02/25 11:09	10/05/25 01:00	1
n-Butylbenzene	0.00084	U	0.00084	0.00025	mg/Kg	☼	10/02/25 11:09	10/05/25 01:00	1
N-Propylbenzene	0.00084	U	0.00084	0.00038	mg/Kg	☼	10/02/25 11:09	10/05/25 01:00	1
o-Xylene	0.00084	U	0.00084	0.00039	mg/Kg	☼	10/02/25 11:09	10/05/25 01:00	1
sec-Butylbenzene	0.00084	U	0.00084	0.00024	mg/Kg	☼	10/02/25 11:09	10/05/25 01:00	1
Styrene	0.00084	U	0.00084	0.00023	mg/Kg	☼	10/02/25 11:09	10/05/25 01:00	1
tert-Butylbenzene	0.00084	U	0.00084	0.00023	mg/Kg	☼	10/02/25 11:09	10/05/25 01:00	1
Tetrachloroethene	0.00084	U	0.00084	0.00026	mg/Kg	☼	10/02/25 11:09	10/05/25 01:00	1
Toluene	0.00084	U	0.00084	0.00020	mg/Kg	☼	10/02/25 11:09	10/05/25 01:00	1
trans-1,2-Dichloroethene	0.00084	U *	0.00084	0.00021	mg/Kg	☼	10/02/25 11:09	10/05/25 01:00	1
trans-1,3-Dichloropropene	0.00084	U	0.00084	0.00022	mg/Kg	☼	10/02/25 11:09	10/05/25 01:00	1
Trichloroethene	0.00084	U *	0.00084	0.00027	mg/Kg	☼	10/02/25 11:09	10/05/25 01:00	1
Trichlorofluoromethane	0.00084	U *	0.00084	0.00034	mg/Kg	☼	10/02/25 11:09	10/05/25 01:00	1
Vinyl chloride	0.00084	U *	0.00084	0.00046	mg/Kg	☼	10/02/25 11:09	10/05/25 01:00	1
Xylenes, Total	0.0017	U	0.0017	0.00015	mg/Kg	☼	10/02/25 11:09	10/05/25 01:00	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,2-Dichloroethane-d4 (Surr)	*127*	*	*65 - 138*	*10/02/25 11:09*	*10/05/25 01:00*	*1*
4-Bromofluorobenzene	*97*		*71 - 128*	*10/02/25 11:09*	*10/05/25 01:00*	*1*
Dibromofluoromethane (Surr)	*137*	*	*50 - 150*	*10/02/25 11:09*	*10/05/25 01:00*	*1*
Toluene-d8 (Surr)	*91*		*71 - 126*	*10/02/25 11:09*	*10/05/25 01:00*	*1*

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Percent Moisture (EPA Moisture)	1.0	U	1.0	1.0	%			10/02/25 17:24	1
Percent Solids (EPA Moisture)	**99.3**		1.0	1.0	%			10/02/25 17:24	1

Client: Haley & Aldrich, Inc.
Project/Site: Former Port Mobil

Job ID: 460-335975-1

Client Sample ID: 57A2_6-7
Date Collected: 09/29/25 12:50
Date Received: 09/29/25 15:30

Lab Sample ID: 460-335975-63
Matrix: Solid
Percent Solids: 98.4

Method: SW846 8260D - Volatile Organic Compounds by GC/MS

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1-Trichloroethane	0.00097	U	0.00097	0.00023	mg/Kg	☼	10/02/25 11:09	10/05/25 20:15	1
1,1,2,2-Tetrachloroethane	0.00097	U	0.00097	0.00051	mg/Kg	☼	10/02/25 11:09	10/05/25 20:15	1
1,1,2-Trichloro-1,2,2-trifluoroethane	0.00097	U	0.00097	0.00029	mg/Kg	☼	10/02/25 11:09	10/05/25 20:15	1
1,1,2-Trichloroethane	0.00097	U	0.00097	0.00058	mg/Kg	☼	10/02/25 11:09	10/05/25 20:15	1
1,1-Dichloroethane	0.00097	U	0.00097	0.00058	mg/Kg	☼	10/02/25 11:09	10/05/25 20:15	1
1,1-Dichloroethene	0.00097	U *	0.00097	0.00022	mg/Kg	☼	10/02/25 11:09	10/05/25 20:15	1
1,2,3-Trichlorobenzene	0.00097	U	0.00097	0.00072	mg/Kg	☼	10/02/25 11:09	10/05/25 20:15	1
1,2,4-Trichlorobenzene	0.00097	U	0.00097	0.00035	mg/Kg	☼	10/02/25 11:09	10/05/25 20:15	1
1,2,4-Trimethylbenzene	0.00097	U	0.00097	0.00024	mg/Kg	☼	10/02/25 11:09	10/05/25 20:15	1
1,2-Dibromo-3-Chloropropane	0.00097	U	0.00097	0.00045	mg/Kg	☼	10/02/25 11:09	10/05/25 20:15	1
1,2-Dichlorobenzene	0.00097	U	0.00097	0.00035	mg/Kg	☼	10/02/25 11:09	10/05/25 20:15	1
1,2-Dichloroethane	0.00097	U	0.00097	0.00029	mg/Kg	☼	10/02/25 11:09	10/05/25 20:15	1
1,2-Dichloropropane	0.00097	U	0.00097	0.00041	mg/Kg	☼	10/02/25 11:09	10/05/25 20:15	1
1,3,5-Trimethylbenzene	0.00097	U	0.00097	0.00031	mg/Kg	☼	10/02/25 11:09	10/05/25 20:15	1
1,3-Dichlorobenzene	0.00097	U	0.00097	0.00035	mg/Kg	☼	10/02/25 11:09	10/05/25 20:15	1
1,4-Dichlorobenzene	0.00097	U	0.00097	0.00050	mg/Kg	☼	10/02/25 11:09	10/05/25 20:15	1
2-Butanone (MEK)	0.0049	U	0.0049	0.00036	mg/Kg	☼	10/02/25 11:09	10/05/25 20:15	1
2-Hexanone	0.0049	U	0.0049	0.0017	mg/Kg	☼	10/02/25 11:09	10/05/25 20:15	1
4-Methyl-2-pentanone (MIBK)	0.0049	U	0.0049	0.0015	mg/Kg	☼	10/02/25 11:09	10/05/25 20:15	1
Acetone	0.0058	U	0.0058	0.0056	mg/Kg	☼	10/02/25 11:09	10/05/25 20:15	1
Benzene	0.00097	U	0.00097	0.00055	mg/Kg	☼	10/02/25 11:09	10/05/25 20:15	1
Bromoform	0.00097	U	0.00097	0.00041	mg/Kg	☼	10/02/25 11:09	10/05/25 20:15	1
Bromomethane	0.0019	U	0.0019	0.00097	mg/Kg	☼	10/02/25 11:09	10/05/25 20:15	1
Carbon disulfide	0.00097	U	0.00097	0.00026	mg/Kg	☼	10/02/25 11:09	10/05/25 20:15	1
Carbon tetrachloride	0.00097	U	0.00097	0.00038	mg/Kg	☼	10/02/25 11:09	10/05/25 20:15	1
Chlorobenzene	0.00097	U	0.00097	0.00049	mg/Kg	☼	10/02/25 11:09	10/05/25 20:15	1
Chlorobromomethane	0.00097	U	0.00097	0.00058	mg/Kg	☼	10/02/25 11:09	10/05/25 20:15	1
Chlorodibromomethane	0.00097	U	0.00097	0.00052	mg/Kg	☼	10/02/25 11:09	10/05/25 20:15	1
Chloroethane	0.00097	U	0.00097	0.00051	mg/Kg	☼	10/02/25 11:09	10/05/25 20:15	1
Chloroform	0.00097	U	0.00097	0.00094	mg/Kg	☼	10/02/25 11:09	10/05/25 20:15	1
Chloromethane	0.00097	U	0.00097	0.00042	mg/Kg	☼	10/02/25 11:09	10/05/25 20:15	1
cis-1,2-Dichloroethene	0.00097	U	0.00097	0.00035	mg/Kg	☼	10/02/25 11:09	10/05/25 20:15	1
cis-1,3-Dichloropropene	0.00097	U	0.00097	0.00027	mg/Kg	☼	10/02/25 11:09	10/05/25 20:15	1
Cyclohexane	0.00097	U	0.00097	0.00021	mg/Kg	☼	10/02/25 11:09	10/05/25 20:15	1
Dichlorobromomethane	0.00097	U	0.00097	0.00025	mg/Kg	☼	10/02/25 11:09	10/05/25 20:15	1
Dichlorodifluoromethane	0.00097	U	0.00097	0.00033	mg/Kg	☼	10/02/25 11:09	10/05/25 20:15	1
Ethylbenzene	0.00097	U	0.00097	0.00045	mg/Kg	☼	10/02/25 11:09	10/05/25 20:15	1
Ethylene Dibromide	0.00097	U	0.00097	0.00049	mg/Kg	☼	10/02/25 11:09	10/05/25 20:15	1
Isopropylbenzene	0.00097	U	0.00097	0.00028	mg/Kg	☼	10/02/25 11:09	10/05/25 20:15	1
Methyl acetate	0.0049	U	0.0049	0.0042	mg/Kg	☼	10/02/25 11:09	10/05/25 20:15	1
Methyl tert-butyl ether	0.00097	U	0.00097	0.00050	mg/Kg	☼	10/02/25 11:09	10/05/25 20:15	1
Methylcyclohexane	0.00097	U	0.00097	0.00048	mg/Kg	☼	10/02/25 11:09	10/05/25 20:15	1
Methylene Chloride	**0.0018**	**J**	0.0019	0.0011	mg/Kg	☼	10/02/25 11:09	10/05/25 20:15	1
m-Xylene & p-Xylene	0.00097	U	0.00097	0.00041	mg/Kg	☼	10/02/25 11:09	10/05/25 20:15	1
n-Butylbenzene	0.00097	U	0.00097	0.00029	mg/Kg	☼	10/02/25 11:09	10/05/25 20:15	1
N-Propylbenzene	0.00097	U	0.00097	0.00044	mg/Kg	☼	10/02/25 11:09	10/05/25 20:15	1
o-Xylene	0.00097	U	0.00097	0.00045	mg/Kg	☼	10/02/25 11:09	10/05/25 20:15	1
sec-Butylbenzene	0.00097	U	0.00097	0.00028	mg/Kg	☼	10/02/25 11:09	10/05/25 20:15	1
Styrene	0.00097	U	0.00097	0.00027	mg/Kg	☼	10/02/25 11:09	10/05/25 20:15	1

Client Sample ID: 57A2_6-7

Lab Sample ID: 460-335975-63

Date Collected: 09/29/25 12:50
Matrix: Solid
Date Received: 09/29/25 15:30
Percent Solids: 98.4

Method: SW846 8260D - Volatile Organic Compounds by GC/MS (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
tert-Butylbenzene	0.00097	U	0.00097	0.00027	mg/Kg	☼	10/02/25 11:09	10/05/25 20:15	1
Tetrachloroethene	0.00097	U	0.00097	0.00030	mg/Kg	☼	10/02/25 11:09	10/05/25 20:15	1
Toluene	0.00097	U	0.00097	0.00023	mg/Kg	☼	10/02/25 11:09	10/05/25 20:15	1
trans-1,2-Dichloroethene	0.00097	U	0.00097	0.00024	mg/Kg	☼	10/02/25 11:09	10/05/25 20:15	1
trans-1,3-Dichloropropene	0.00097	U	0.00097	0.00026	mg/Kg	☼	10/02/25 11:09	10/05/25 20:15	1
Trichloroethene	0.00097	U	0.00097	0.00031	mg/Kg	☼	10/02/25 11:09	10/05/25 20:15	1
Trichlorofluoromethane	0.00097	U	0.00097	0.00039	mg/Kg	☼	10/02/25 11:09	10/05/25 20:15	1
Vinyl chloride	0.00097	U	0.00097	0.00053	mg/Kg	☼	10/02/25 11:09	10/05/25 20:15	1
Xylenes, Total	0.0019	U	0.0019	0.00017	mg/Kg	☼	10/02/25 11:09	10/05/25 20:15	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,2-Dichloroethane-d4 (Surr)	*114*		*65 - 138*	*10/02/25 11:09*	*10/05/25 20:15*	*1*
4-Bromofluorobenzene	*100*		*71 - 128*	*10/02/25 11:09*	*10/05/25 20:15*	*1*
Dibromofluoromethane (Surr)	*118*		*50 - 150*	*10/02/25 11:09*	*10/05/25 20:15*	*1*
Toluene-d8 (Surr)	*95*		*71 - 126*	*10/02/25 11:09*	*10/05/25 20:15*	*1*

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Percent Moisture (EPA Moisture)	**1.6**		1.0	1.0	%			10/02/25 17:24	1
Percent Solids (EPA Moisture)	**98.4**		1.0	1.0	%			10/02/25 17:24	1

Client Sample ID: 57A3_5-6

Lab Sample ID: 460-335975-64

Date Collected: 09/29/25 12:55
Matrix: Solid
Date Received: 09/29/25 15:30
Percent Solids: 99.0

Method: SW846 8260D - Volatile Organic Compounds by GC/MS

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1-Trichloroethane	0.0011	U	0.0011	0.00026	mg/Kg	☼	10/02/25 11:09	10/05/25 20:38	1
1,1,2,2-Tetrachloroethane	0.0011	U	0.0011	0.00057	mg/Kg	☼	10/02/25 11:09	10/05/25 20:38	1
1,1,2-Trichloro-1,2,2-trifluoroethane	0.0011	U	0.0011	0.00033	mg/Kg	☼	10/02/25 11:09	10/05/25 20:38	1
1,1,2-Trichloroethane	0.0011	U	0.0011	0.00066	mg/Kg	☼	10/02/25 11:09	10/05/25 20:38	1
1,1-Dichloroethane	0.0011	U	0.0011	0.00066	mg/Kg	☼	10/02/25 11:09	10/05/25 20:38	1
1,1-Dichloroethene	0.0011	U *	0.0011	0.00025	mg/Kg	☼	10/02/25 11:09	10/05/25 20:38	1
1,2,3-Trichlorobenzene	0.0011	U	0.0011	0.00081	mg/Kg	☼	10/02/25 11:09	10/05/25 20:38	1
1,2,4-Trichlorobenzene	0.0011	U	0.0011	0.00039	mg/Kg	☼	10/02/25 11:09	10/05/25 20:38	1
1,2,4-Trimethylbenzene	0.0011	U	0.0011	0.00027	mg/Kg	☼	10/02/25 11:09	10/05/25 20:38	1
1,2-Dibromo-3-Chloropropane	0.0011	U	0.0011	0.00051	mg/Kg	☼	10/02/25 11:09	10/05/25 20:38	1
1,2-Dichlorobenzene	0.0011	U	0.0011	0.00040	mg/Kg	☼	10/02/25 11:09	10/05/25 20:38	1
1,2-Dichloroethane	0.0011	U	0.0011	0.00033	mg/Kg	☼	10/02/25 11:09	10/05/25 20:38	1
1,2-Dichloropropane	0.0011	U	0.0011	0.00046	mg/Kg	☼	10/02/25 11:09	10/05/25 20:38	1
1,3,5-Trimethylbenzene	0.0011	U	0.0011	0.00034	mg/Kg	☼	10/02/25 11:09	10/05/25 20:38	1
1,3-Dichlorobenzene	0.0011	U	0.0011	0.00040	mg/Kg	☼	10/02/25 11:09	10/05/25 20:38	1
1,4-Dichlorobenzene	0.0011	U	0.0011	0.00057	mg/Kg	☼	10/02/25 11:09	10/05/25 20:38	1
2-Butanone (MEK)	0.0055	U	0.0055	0.00040	mg/Kg	☼	10/02/25 11:09	10/05/25 20:38	1
2-Hexanone	0.0055	U	0.0055	0.0019	mg/Kg	☼	10/02/25 11:09	10/05/25 20:38	1
4-Methyl-2-pentanone (MIBK)	0.0055	U	0.0055	0.0017	mg/Kg	☼	10/02/25 11:09	10/05/25 20:38	1
Acetone	0.0066	U	0.0066	0.0063	mg/Kg	☼	10/02/25 11:09	10/05/25 20:38	1
Benzene	0.0011	U	0.0011	0.00062	mg/Kg	☼	10/02/25 11:09	10/05/25 20:38	1
Bromoform	0.0011	U	0.0011	0.00047	mg/Kg	☼	10/02/25 11:09	10/05/25 20:38	1
Bromomethane	0.0022	U	0.0022	0.0011	mg/Kg	☼	10/02/25 11:09	10/05/25 20:38	1

Client Sample ID: 57A3_5-6
Date Collected: 09/29/25 12:55
Date Received: 09/29/25 15:30

Lab Sample ID: 460-335975-64
Matrix: Solid
Percent Solids: 99.0

Method: SW846 8260D - Volatile Organic Compounds by GC/MS (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Carbon disulfide	0.0011	U	0.0011	0.00029	mg/Kg	☼	10/02/25 11:09	10/05/25 20:38	1
Carbon tetrachloride	0.0011	U	0.0011	0.00042	mg/Kg	☼	10/02/25 11:09	10/05/25 20:38	1
Chlorobenzene	0.0011	U	0.0011	0.00056	mg/Kg	☼	10/02/25 11:09	10/05/25 20:38	1
Chlorobromomethane	0.0011	U	0.0011	0.00065	mg/Kg	☼	10/02/25 11:09	10/05/25 20:38	1
Chlorodibromomethane	0.0011	U	0.0011	0.00059	mg/Kg	☼	10/02/25 11:09	10/05/25 20:38	1
Chloroethane	0.0011	U	0.0011	0.00057	mg/Kg	☼	10/02/25 11:09	10/05/25 20:38	1
Chloroform	0.0011	U	0.0011	0.0011	mg/Kg	☼	10/02/25 11:09	10/05/25 20:38	1
Chloromethane	0.0011	U	0.0011	0.00048	mg/Kg	☼	10/02/25 11:09	10/05/25 20:38	1
cis-1,2-Dichloroethene	0.0011	U	0.0011	0.00039	mg/Kg	☼	10/02/25 11:09	10/05/25 20:38	1
cis-1,3-Dichloropropene	0.0011	U	0.0011	0.00030	mg/Kg	☼	10/02/25 11:09	10/05/25 20:38	1
Cyclohexane	0.0011	U	0.0011	0.00024	mg/Kg	☼	10/02/25 11:09	10/05/25 20:38	1
Dichlorobromomethane	0.0011	U	0.0011	0.00028	mg/Kg	☼	10/02/25 11:09	10/05/25 20:38	1
Dichlorodifluoromethane	0.0011	U	0.0011	0.00037	mg/Kg	☼	10/02/25 11:09	10/05/25 20:38	1
Ethylbenzene	0.0011	U	0.0011	0.00051	mg/Kg	☼	10/02/25 11:09	10/05/25 20:38	1
Ethylene Dibromide	0.0011	U	0.0011	0.00055	mg/Kg	☼	10/02/25 11:09	10/05/25 20:38	1
Isopropylbenzene	0.0011	U	0.0011	0.00031	mg/Kg	☼	10/02/25 11:09	10/05/25 20:38	1
Methyl acetate	0.0055	U	0.0055	0.0047	mg/Kg	☼	10/02/25 11:09	10/05/25 20:38	1
Methyl tert-butyl ether	0.0011	U	0.0011	0.00056	mg/Kg	☼	10/02/25 11:09	10/05/25 20:38	1
Methylcyclohexane	0.0011	U	0.0011	0.00055	mg/Kg	☼	10/02/25 11:09	10/05/25 20:38	1
Methylene Chloride	**0.0033**		0.0022	0.0013	mg/Kg	☼	10/02/25 11:09	10/05/25 20:38	1
m-Xylene & p-Xylene	0.0011	U	0.0011	0.00046	mg/Kg	☼	10/02/25 11:09	10/05/25 20:38	1
n-Butylbenzene	0.0011	U	0.0011	0.00032	mg/Kg	☼	10/02/25 11:09	10/05/25 20:38	1
N-Propylbenzene	0.0011	U	0.0011	0.00049	mg/Kg	☼	10/02/25 11:09	10/05/25 20:38	1
o-Xylene	0.0011	U	0.0011	0.00051	mg/Kg	☼	10/02/25 11:09	10/05/25 20:38	1
sec-Butylbenzene	0.0011	U	0.0011	0.00032	mg/Kg	☼	10/02/25 11:09	10/05/25 20:38	1
Styrene	0.0011	U	0.0011	0.00031	mg/Kg	☼	10/02/25 11:09	10/05/25 20:38	1
tert-Butylbenzene	0.0011	U	0.0011	0.00030	mg/Kg	☼	10/02/25 11:09	10/05/25 20:38	1
Tetrachloroethene	0.0011	U	0.0011	0.00033	mg/Kg	☼	10/02/25 11:09	10/05/25 20:38	1
Toluene	0.0011	U	0.0011	0.00026	mg/Kg	☼	10/02/25 11:09	10/05/25 20:38	1
trans-1,2-Dichloroethene	0.0011	U	0.0011	0.00027	mg/Kg	☼	10/02/25 11:09	10/05/25 20:38	1
trans-1,3-Dichloropropene	0.0011	U	0.0011	0.00029	mg/Kg	☼	10/02/25 11:09	10/05/25 20:38	1
Trichloroethene	0.0011	U	0.0011	0.00035	mg/Kg	☼	10/02/25 11:09	10/05/25 20:38	1
Trichlorofluoromethane	0.0011	U	0.0011	0.00045	mg/Kg	☼	10/02/25 11:09	10/05/25 20:38	1
Vinyl chloride	0.0011	U	0.0011	0.00060	mg/Kg	☼	10/02/25 11:09	10/05/25 20:38	1
Xylenes, Total	0.0022	U	0.0022	0.00019	mg/Kg	☼	10/02/25 11:09	10/05/25 20:38	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,2-Dichloroethane-d4 (Surr)	*112*		*65 - 138*	*10/02/25 11:09*	*10/05/25 20:38*	*1*
4-Bromofluorobenzene	*100*		*71 - 128*	*10/02/25 11:09*	*10/05/25 20:38*	*1*
Dibromofluoromethane (Surr)	*117*		*50 - 150*	*10/02/25 11:09*	*10/05/25 20:38*	*1*
Toluene-d8 (Surr)	*95*		*71 - 126*	*10/02/25 11:09*	*10/05/25 20:38*	*1*

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Percent Moisture (EPA Moisture)	**1**		1.0	1.0	%			10/02/25 17:24	1
Percent Solids (EPA Moisture)	**99.0**		1.0	1.0	%			10/02/25 17:24	1

Client: Haley & Aldrich, Inc.
Project/Site: Former Port Mobil

Job ID: 460-335975-1

Client Sample ID: 57A3_7-8
Date Collected: 09/29/25 13:00
Date Received: 09/29/25 15:30

Lab Sample ID: 460-335975-65
Matrix: Solid
Percent Solids: 98.9

Method: SW846 8260D - Volatile Organic Compounds by GC/MS

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1-Trichloroethane	0.0010	U	0.0010	0.00024	mg/Kg	☼	10/02/25 11:10	10/05/25 21:01	1
1,1,2,2-Tetrachloroethane	0.0010	U	0.0010	0.00053	mg/Kg	☼	10/02/25 11:10	10/05/25 21:01	1
1,1,2-Trichloro-1,2,2-trifluoroethane	0.0010	U	0.0010	0.00031	mg/Kg	☼	10/02/25 11:10	10/05/25 21:01	1
1,1,2-Trichloroethane	0.0010	U	0.0010	0.00062	mg/Kg	☼	10/02/25 11:10	10/05/25 21:01	1
1,1-Dichloroethane	0.0010	U	0.0010	0.00061	mg/Kg	☼	10/02/25 11:10	10/05/25 21:01	1
1,1-Dichloroethene	0.0010	U *	0.0010	0.00023	mg/Kg	☼	10/02/25 11:10	10/05/25 21:01	1
1,2,3-Trichlorobenzene	0.0010	U	0.0010	0.00076	mg/Kg	☼	10/02/25 11:10	10/05/25 21:01	1
1,2,4-Trichlorobenzene	0.0010	U	0.0010	0.00037	mg/Kg	☼	10/02/25 11:10	10/05/25 21:01	1
1,2,4-Trimethylbenzene	0.0010	U	0.0010	0.00025	mg/Kg	☼	10/02/25 11:10	10/05/25 21:01	1
1,2-Dibromo-3-Chloropropane	0.0010	U	0.0010	0.00047	mg/Kg	☼	10/02/25 11:10	10/05/25 21:01	1
1,2-Dichlorobenzene	0.0010	U	0.0010	0.00037	mg/Kg	☼	10/02/25 11:10	10/05/25 21:01	1
1,2-Dichloroethane	0.0010	U	0.0010	0.00030	mg/Kg	☼	10/02/25 11:10	10/05/25 21:01	1
1,2-Dichloropropane	0.0010	U	0.0010	0.00043	mg/Kg	☼	10/02/25 11:10	10/05/25 21:01	1
1,3,5-Trimethylbenzene	0.0010	U	0.0010	0.00032	mg/Kg	☼	10/02/25 11:10	10/05/25 21:01	1
1,3-Dichlorobenzene	0.0010	U	0.0010	0.00037	mg/Kg	☼	10/02/25 11:10	10/05/25 21:01	1
1,4-Dichlorobenzene	0.0010	U	0.0010	0.00053	mg/Kg	☼	10/02/25 11:10	10/05/25 21:01	1
2-Butanone (MEK)	0.0051	U	0.0051	0.00038	mg/Kg	☼	10/02/25 11:10	10/05/25 21:01	1
2-Hexanone	0.0051	U	0.0051	0.0018	mg/Kg	☼	10/02/25 11:10	10/05/25 21:01	1
4-Methyl-2-pentanone (MIBK)	0.0051	U	0.0051	0.0016	mg/Kg	☼	10/02/25 11:10	10/05/25 21:01	1
Acetone	0.0061	U	0.0061	0.0059	mg/Kg	☼	10/02/25 11:10	10/05/25 21:01	1
Benzene	0.0010	U	0.0010	0.00058	mg/Kg	☼	10/02/25 11:10	10/05/25 21:01	1
Bromoform	0.0010	U	0.0010	0.00044	mg/Kg	☼	10/02/25 11:10	10/05/25 21:01	1
Bromomethane	0.0020	U	0.0020	0.0010	mg/Kg	☼	10/02/25 11:10	10/05/25 21:01	1
Carbon disulfide	0.0010	U	0.0010	0.00027	mg/Kg	☼	10/02/25 11:10	10/05/25 21:01	1
Carbon tetrachloride	0.0010	U	0.0010	0.00040	mg/Kg	☼	10/02/25 11:10	10/05/25 21:01	1
Chlorobenzene	0.0010	U	0.0010	0.00052	mg/Kg	☼	10/02/25 11:10	10/05/25 21:01	1
Chlorobromomethane	0.0010	U	0.0010	0.00061	mg/Kg	☼	10/02/25 11:10	10/05/25 21:01	1
Chlorodibromomethane	0.0010	U	0.0010	0.00055	mg/Kg	☼	10/02/25 11:10	10/05/25 21:01	1
Chloroethane	0.0010	U	0.0010	0.00053	mg/Kg	☼	10/02/25 11:10	10/05/25 21:01	1
Chloroform	0.0010	U	0.0010	0.00099	mg/Kg	☼	10/02/25 11:10	10/05/25 21:01	1
Chloromethane	0.0010	U	0.0010	0.00045	mg/Kg	☼	10/02/25 11:10	10/05/25 21:01	1
cis-1,2-Dichloroethene	0.0010	U	0.0010	0.00037	mg/Kg	☼	10/02/25 11:10	10/05/25 21:01	1
cis-1,3-Dichloropropene	0.0010	U	0.0010	0.00028	mg/Kg	☼	10/02/25 11:10	10/05/25 21:01	1
Cyclohexane	0.0010	U	0.0010	0.00023	mg/Kg	☼	10/02/25 11:10	10/05/25 21:01	1
Dichlorobromomethane	0.0010	U	0.0010	0.00026	mg/Kg	☼	10/02/25 11:10	10/05/25 21:01	1
Dichlorodifluoromethane	0.0010	U	0.0010	0.00035	mg/Kg	☼	10/02/25 11:10	10/05/25 21:01	1
Ethylbenzene	0.0010	U	0.0010	0.00048	mg/Kg	☼	10/02/25 11:10	10/05/25 21:01	1
Ethylene Dibromide	0.0010	U	0.0010	0.00052	mg/Kg	☼	10/02/25 11:10	10/05/25 21:01	1
Isopropylbenzene	0.0010	U	0.0010	0.00029	mg/Kg	☼	10/02/25 11:10	10/05/25 21:01	1
Methyl acetate	0.0051	U	0.0051	0.0044	mg/Kg	☼	10/02/25 11:10	10/05/25 21:01	1
Methyl tert-butyl ether	0.0010	U	0.0010	0.00052	mg/Kg	☼	10/02/25 11:10	10/05/25 21:01	1
Methylcyclohexane	0.0010	U	0.0010	0.00051	mg/Kg	☼	10/02/25 11:10	10/05/25 21:01	1
Methylene Chloride	**0.0034**		0.0020	0.0012	mg/Kg	☼	10/02/25 11:10	10/05/25 21:01	1
m-Xylene & p-Xylene	0.0010	U	0.0010	0.00043	mg/Kg	☼	10/02/25 11:10	10/05/25 21:01	1
n-Butylbenzene	0.0010	U	0.0010	0.00030	mg/Kg	☼	10/02/25 11:10	10/05/25 21:01	1
N-Propylbenzene	0.0010	U	0.0010	0.00046	mg/Kg	☼	10/02/25 11:10	10/05/25 21:01	1
o-Xylene	0.0010	U	0.0010	0.00047	mg/Kg	☼	10/02/25 11:10	10/05/25 21:01	1
sec-Butylbenzene	0.0010	U	0.0010	0.00029	mg/Kg	☼	10/02/25 11:10	10/05/25 21:01	1
Styrene	0.0010	U	0.0010	0.00028	mg/Kg	☼	10/02/25 11:10	10/05/25 21:01	1

Client Sample ID: 57A3_7-8

Lab Sample ID: 460-335975-65

Date Collected: 09/29/25 13:00
Matrix: Solid
Date Received: 09/29/25 15:30
Percent Solids: 98.9

Method: SW846 8260D - Volatile Organic Compounds by GC/MS (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
tert-Butylbenzene	0.0010	U	0.0010	0.00028	mg/Kg	☼	10/02/25 11:10	10/05/25 21:01	1
Tetrachloroethene	0.0010	U	0.0010	0.00031	mg/Kg	☼	10/02/25 11:10	10/05/25 21:01	1
Toluene	0.0010	U	0.0010	0.00024	mg/Kg	☼	10/02/25 11:10	10/05/25 21:01	1
trans-1,2-Dichloroethene	0.0010	U	0.0010	0.00025	mg/Kg	☼	10/02/25 11:10	10/05/25 21:01	1
trans-1,3-Dichloropropene	0.0010	U	0.0010	0.00027	mg/Kg	☼	10/02/25 11:10	10/05/25 21:01	1
Trichloroethene	0.0010	U	0.0010	0.00033	mg/Kg	☼	10/02/25 11:10	10/05/25 21:01	1
Trichlorofluoromethane	0.0010	U	0.0010	0.00042	mg/Kg	☼	10/02/25 11:10	10/05/25 21:01	1
Vinyl chloride	0.0010	U	0.0010	0.00056	mg/Kg	☼	10/02/25 11:10	10/05/25 21:01	1
Xylenes, Total	0.0020	U	0.0020	0.00018	mg/Kg	☼	10/02/25 11:10	10/05/25 21:01	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,2-Dichloroethane-d4 (Surr)	*111*		*65 - 138*	*10/02/25 11:10*	*10/05/25 21:01*	*1*
4-Bromofluorobenzene	*100*		*71 - 128*	*10/02/25 11:10*	*10/05/25 21:01*	*1*
Dibromofluoromethane (Surr)	*115*		*50 - 150*	*10/02/25 11:10*	*10/05/25 21:01*	*1*
Toluene-d8 (Surr)	*95*		*71 - 126*	*10/02/25 11:10*	*10/05/25 21:01*	*1*

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Percent Moisture (EPA Moisture)	**1.1**		1.0	1.0	%			10/02/25 17:24	1
Percent Solids (EPA Moisture)	**98.9**		1.0	1.0	%			10/02/25 17:24	1

Client Sample ID: 57B1_1-2

Lab Sample ID: 460-335975-66

Date Collected: 09/29/25 13:05
Matrix: Solid
Date Received: 09/29/25 15:30
Percent Solids: 91.6

Method: SW846 8260D - Volatile Organic Compounds by GC/MS

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1-Trichloroethane	0.0018	U	0.0018	0.00041	mg/Kg	☼	10/02/25 11:10	10/05/25 02:20	1
1,1,2,2-Tetrachloroethane	0.0018	U	0.0018	0.00092	mg/Kg	☼	10/02/25 11:10	10/05/25 02:20	1
1,1,2-Trichloro-1,2,2-trifluoroethane	0.0018	U	0.0018	0.00053	mg/Kg	☼	10/02/25 11:10	10/05/25 02:20	1
1,1,2-Trichloroethane	0.0018	U	0.0018	0.0011	mg/Kg	☼	10/02/25 11:10	10/05/25 02:20	1
1,1-Dichloroethane	0.0018	U	0.0018	0.0011	mg/Kg	☼	10/02/25 11:10	10/05/25 02:20	1
1,1-Dichloroethene	0.0018	U	0.0018	0.00040	mg/Kg	☼	10/02/25 11:10	10/05/25 02:20	1
1,2,3-Trichlorobenzene	0.0018	U	0.0018	0.0013	mg/Kg	☼	10/02/25 11:10	10/05/25 02:20	1
1,2,4-Trichlorobenzene	0.0018	U	0.0018	0.00063	mg/Kg	☼	10/02/25 11:10	10/05/25 02:20	1
1,2,4-Trimethylbenzene	0.0018	U	0.0018	0.00043	mg/Kg	☼	10/02/25 11:10	10/05/25 02:20	1
1,2-Dibromo-3-Chloropropane	0.0018	U	0.0018	0.00081	mg/Kg	☼	10/02/25 11:10	10/05/25 02:20	1
1,2-Dichlorobenzene	0.0018	U	0.0018	0.00064	mg/Kg	☼	10/02/25 11:10	10/05/25 02:20	1
1,2-Dichloroethane	0.0018	U	0.0018	0.00052	mg/Kg	☼	10/02/25 11:10	10/05/25 02:20	1
1,2-Dichloropropane	0.0018	U	0.0018	0.00075	mg/Kg	☼	10/02/25 11:10	10/05/25 02:20	1
1,3,5-Trimethylbenzene	0.0018	U	0.0018	0.00055	mg/Kg	☼	10/02/25 11:10	10/05/25 02:20	1
1,3-Dichlorobenzene	0.0018	U	0.0018	0.00064	mg/Kg	☼	10/02/25 11:10	10/05/25 02:20	1
1,4-Dichlorobenzene	0.0018	U	0.0018	0.00092	mg/Kg	☼	10/02/25 11:10	10/05/25 02:20	1
2-Butanone (MEK)	0.0088	U	0.0088	0.00065	mg/Kg	☼	10/02/25 11:10	10/05/25 02:20	1
2-Hexanone	0.0088	U	0.0088	0.0030	mg/Kg	☼	10/02/25 11:10	10/05/25 02:20	1
4-Methyl-2-pentanone (MIBK)	0.0088	U	0.0088	0.0027	mg/Kg	☼	10/02/25 11:10	10/05/25 02:20	1
Acetone	0.011	U	0.011	0.010	mg/Kg	☼	10/02/25 11:10	10/05/25 02:20	1
Benzene	0.0018	U	0.0018	0.0010	mg/Kg	☼	10/02/25 11:10	10/05/25 02:20	1
Bromoform	0.0018	U *	0.0018	0.00075	mg/Kg	☼	10/02/25 11:10	10/05/25 02:20	1
Bromomethane	0.0035	U	0.0035	0.0018	mg/Kg	☼	10/02/25 11:10	10/05/25 02:20	1

Client Sample ID: 57B1_1-2
Date Collected: 09/29/25 13:05
Date Received: 09/29/25 15:30

Lab Sample ID: 460-335975-66
Matrix: Solid
Percent Solids: 91.6

Method: SW846 8260D - Volatile Organic Compounds by GC/MS (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Carbon disulfide	0.0018	U	0.0018	0.00047	mg/Kg	☼	10/02/25 11:10	10/05/25 02:20	1
Carbon tetrachloride	0.0018	U	0.0018	0.00068	mg/Kg	☼	10/02/25 11:10	10/05/25 02:20	1
Chlorobenzene	0.0018	U	0.0018	0.00090	mg/Kg	☼	10/02/25 11:10	10/05/25 02:20	1
Chlorobromomethane	0.0018	U	0.0018	0.0011	mg/Kg	☼	10/02/25 11:10	10/05/25 02:20	1
Chlorodibromomethane	0.0018	U *	0.0018	0.00095	mg/Kg	☼	10/02/25 11:10	10/05/25 02:20	1
Chloroethane	0.0018	U	0.0018	0.00092	mg/Kg	☼	10/02/25 11:10	10/05/25 02:20	1
Chloroform	0.0018	U	0.0018	0.0017	mg/Kg	☼	10/02/25 11:10	10/05/25 02:20	1
Chloromethane	0.0018	U	0.0018	0.00077	mg/Kg	☼	10/02/25 11:10	10/05/25 02:20	1
cis-1,2-Dichloroethene	0.0018	U	0.0018	0.00063	mg/Kg	☼	10/02/25 11:10	10/05/25 02:20	1
cis-1,3-Dichloropropene	0.0018	U	0.0018	0.00048	mg/Kg	☼	10/02/25 11:10	10/05/25 02:20	1
Cyclohexane	0.0018	U	0.0018	0.00039	mg/Kg	☼	10/02/25 11:10	10/05/25 02:20	1
Dichlorobromomethane	0.0018	U	0.0018	0.00045	mg/Kg	☼	10/02/25 11:10	10/05/25 02:20	1
Dichlorodifluoromethane	0.0018	U	0.0018	0.00060	mg/Kg	☼	10/02/25 11:10	10/05/25 02:20	1
Ethylbenzene	0.0018	U	0.0018	0.00083	mg/Kg	☼	10/02/25 11:10	10/05/25 02:20	1
Ethylene Dibromide	0.0018	U	0.0018	0.00089	mg/Kg	☼	10/02/25 11:10	10/05/25 02:20	1
Isopropylbenzene	0.0018	U	0.0018	0.00050	mg/Kg	☼	10/02/25 11:10	10/05/25 02:20	1
Methyl acetate	0.0088	U *	0.0088	0.0076	mg/Kg	☼	10/02/25 11:10	10/05/25 02:20	1
Methyl tert-butyl ether	0.0018	U	0.0018	0.00090	mg/Kg	☼	10/02/25 11:10	10/05/25 02:20	1
Methylcyclohexane	0.0018	U	0.0018	0.00088	mg/Kg	☼	10/02/25 11:10	10/05/25 02:20	1
Methylene Chloride	0.0035	U	0.0035	0.0020	mg/Kg	☼	10/02/25 11:10	10/05/25 02:20	1
m-Xylene & p-Xylene	0.0018	U	0.0018	0.00075	mg/Kg	☼	10/02/25 11:10	10/05/25 02:20	1
n-Butylbenzene	0.0018	U	0.0018	0.00052	mg/Kg	☼	10/02/25 11:10	10/05/25 02:20	1
N-Propylbenzene	0.0018	U	0.0018	0.00079	mg/Kg	☼	10/02/25 11:10	10/05/25 02:20	1
o-Xylene	0.0018	U	0.0018	0.00081	mg/Kg	☼	10/02/25 11:10	10/05/25 02:20	1
sec-Butylbenzene	0.0018	U	0.0018	0.00051	mg/Kg	☼	10/02/25 11:10	10/05/25 02:20	1
Styrene	0.0018	U	0.0018	0.00049	mg/Kg	☼	10/02/25 11:10	10/05/25 02:20	1
tert-Butylbenzene	0.0018	U	0.0018	0.00049	mg/Kg	☼	10/02/25 11:10	10/05/25 02:20	1
Tetrachloroethene	0.0018	U	0.0018	0.00054	mg/Kg	☼	10/02/25 11:10	10/05/25 02:20	1
Toluene	0.0018	U	0.0018	0.00041	mg/Kg	☼	10/02/25 11:10	10/05/25 02:20	1
trans-1,2-Dichloroethene	0.0018	U	0.0018	0.00043	mg/Kg	☼	10/02/25 11:10	10/05/25 02:20	1
trans-1,3-Dichloropropene	0.0018	U	0.0018	0.00047	mg/Kg	☼	10/02/25 11:10	10/05/25 02:20	1
Trichloroethene	0.0018	U	0.0018	0.00057	mg/Kg	☼	10/02/25 11:10	10/05/25 02:20	1
Trichlorofluoromethane	0.0018	U	0.0018	0.00072	mg/Kg	☼	10/02/25 11:10	10/05/25 02:20	1
Vinyl chloride	0.0018	U	0.0018	0.00096	mg/Kg	☼	10/02/25 11:10	10/05/25 02:20	1
Xylenes, Total	0.0035	U	0.0035	0.00031	mg/Kg	☼	10/02/25 11:10	10/05/25 02:20	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,2-Dichloroethane-d4 (Surr)	*114*		*65 - 138*	*10/02/25 11:10*	*10/05/25 02:20*	*1*
4-Bromofluorobenzene	*95*		*71 - 128*	*10/02/25 11:10*	*10/05/25 02:20*	*1*
Dibromofluoromethane (Surr)	*98*		*50 - 150*	*10/02/25 11:10*	*10/05/25 02:20*	*1*
Toluene-d8 (Surr)	*100*		*71 - 126*	*10/02/25 11:10*	*10/05/25 02:20*	*1*

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Percent Moisture (EPA Moisture)	**8.4**		1.0	1.0	%			10/02/25 17:24	1
Percent Solids (EPA Moisture)	**91.6**		1.0	1.0	%			10/02/25 17:24	1

Client: Haley & Aldrich, Inc.
Project/Site: Former Port Mobil

Job ID: 460-335975-1

Client Sample ID: 57B2_2-3
Date Collected: 09/29/25 13:10
Date Received: 09/29/25 15:30

Lab Sample ID: 460-335975-67
Matrix: Solid
Percent Solids: 98.4

Method: SW846 8260D - Volatile Organic Compounds by GC/MS

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1-Trichloroethane	0.0011	U	0.0011	0.00026	mg/Kg	☼	10/02/25 11:10	10/05/25 02:44	1
1,1,2,2-Tetrachloroethane	0.0011	U	0.0011	0.00057	mg/Kg	☼	10/02/25 11:10	10/05/25 02:44	1
1,1,2-Trichloro-1,2,2-trifluoroethane	0.0011	U	0.0011	0.00033	mg/Kg	☼	10/02/25 11:10	10/05/25 02:44	1
1,1,2-Trichloroethane	0.0011	U	0.0011	0.00066	mg/Kg	☼	10/02/25 11:10	10/05/25 02:44	1
1,1-Dichloroethane	0.0011	U	0.0011	0.00066	mg/Kg	☼	10/02/25 11:10	10/05/25 02:44	1
1,1-Dichloroethene	0.0011	U	0.0011	0.00025	mg/Kg	☼	10/02/25 11:10	10/05/25 02:44	1
1,2,3-Trichlorobenzene	0.0011	U	0.0011	0.00081	mg/Kg	☼	10/02/25 11:10	10/05/25 02:44	1
1,2,4-Trichlorobenzene	0.0011	U	0.0011	0.00039	mg/Kg	☼	10/02/25 11:10	10/05/25 02:44	1
1,2,4-Trimethylbenzene	0.0011	U	0.0011	0.00027	mg/Kg	☼	10/02/25 11:10	10/05/25 02:44	1
1,2-Dibromo-3-Chloropropane	0.0011	U	0.0011	0.00051	mg/Kg	☼	10/02/25 11:10	10/05/25 02:44	1
1,2-Dichlorobenzene	0.0011	U	0.0011	0.00040	mg/Kg	☼	10/02/25 11:10	10/05/25 02:44	1
1,2-Dichloroethane	0.0011	U	0.0011	0.00033	mg/Kg	☼	10/02/25 11:10	10/05/25 02:44	1
1,2-Dichloropropane	0.0011	U	0.0011	0.00047	mg/Kg	☼	10/02/25 11:10	10/05/25 02:44	1
1,3,5-Trimethylbenzene	0.0011	U	0.0011	0.00035	mg/Kg	☼	10/02/25 11:10	10/05/25 02:44	1
1,3-Dichlorobenzene	0.0011	U	0.0011	0.00040	mg/Kg	☼	10/02/25 11:10	10/05/25 02:44	1
1,4-Dichlorobenzene	0.0011	U	0.0011	0.00057	mg/Kg	☼	10/02/25 11:10	10/05/25 02:44	1
2-Butanone (MEK)	0.0055	U	0.0055	0.00041	mg/Kg	☼	10/02/25 11:10	10/05/25 02:44	1
2-Hexanone	0.0055	U	0.0055	0.0019	mg/Kg	☼	10/02/25 11:10	10/05/25 02:44	1
4-Methyl-2-pentanone (MIBK)	0.0055	U	0.0055	0.0017	mg/Kg	☼	10/02/25 11:10	10/05/25 02:44	1
Acetone	0.0066	U	0.0066	0.0063	mg/Kg	☼	10/02/25 11:10	10/05/25 02:44	1
Benzene	0.0011	U	0.0011	0.00062	mg/Kg	☼	10/02/25 11:10	10/05/25 02:44	1
Bromoform	0.0011	U *	0.0011	0.00047	mg/Kg	☼	10/02/25 11:10	10/05/25 02:44	1
Bromomethane	0.0022	U	0.0022	0.0011	mg/Kg	☼	10/02/25 11:10	10/05/25 02:44	1
Carbon disulfide	0.0011	U	0.0011	0.00029	mg/Kg	☼	10/02/25 11:10	10/05/25 02:44	1
Carbon tetrachloride	0.0011	U	0.0011	0.00043	mg/Kg	☼	10/02/25 11:10	10/05/25 02:44	1
Chlorobenzene	0.0011	U	0.0011	0.00056	mg/Kg	☼	10/02/25 11:10	10/05/25 02:44	1
Chlorobromomethane	0.0011	U	0.0011	0.00066	mg/Kg	☼	10/02/25 11:10	10/05/25 02:44	1
Chlorodibromomethane	0.0011	U *	0.0011	0.00059	mg/Kg	☼	10/02/25 11:10	10/05/25 02:44	1
Chloroethane	0.0011	U	0.0011	0.00057	mg/Kg	☼	10/02/25 11:10	10/05/25 02:44	1
Chloroform	0.0011	U	0.0011	0.0011	mg/Kg	☼	10/02/25 11:10	10/05/25 02:44	1
Chloromethane	0.0011	U	0.0011	0.00048	mg/Kg	☼	10/02/25 11:10	10/05/25 02:44	1
cis-1,2-Dichloroethene	0.0011	U	0.0011	0.00039	mg/Kg	☼	10/02/25 11:10	10/05/25 02:44	1
cis-1,3-Dichloropropene	0.0011	U	0.0011	0.00030	mg/Kg	☼	10/02/25 11:10	10/05/25 02:44	1
Cyclohexane	0.0011	U	0.0011	0.00024	mg/Kg	☼	10/02/25 11:10	10/05/25 02:44	1
Dichlorobromomethane	0.0011	U	0.0011	0.00028	mg/Kg	☼	10/02/25 11:10	10/05/25 02:44	1
Dichlorodifluoromethane	0.0011	U	0.0011	0.00037	mg/Kg	☼	10/02/25 11:10	10/05/25 02:44	1
Ethylbenzene	0.0011	U	0.0011	0.00052	mg/Kg	☼	10/02/25 11:10	10/05/25 02:44	1
Ethylene Dibromide	0.0011	U	0.0011	0.00056	mg/Kg	☼	10/02/25 11:10	10/05/25 02:44	1
Isopropylbenzene	0.0011	U	0.0011	0.00031	mg/Kg	☼	10/02/25 11:10	10/05/25 02:44	1
Methyl acetate	0.0055	U *	0.0055	0.0047	mg/Kg	☼	10/02/25 11:10	10/05/25 02:44	1
Methyl tert-butyl ether	0.0011	U	0.0011	0.00056	mg/Kg	☼	10/02/25 11:10	10/05/25 02:44	1
Methylcyclohexane	0.0011	U	0.0011	0.00055	mg/Kg	☼	10/02/25 11:10	10/05/25 02:44	1
Methylene Chloride	0.0022	U	0.0022	0.0013	mg/Kg	☼	10/02/25 11:10	10/05/25 02:44	1
m-Xylene & p-Xylene	0.0011	U	0.0011	0.00047	mg/Kg	☼	10/02/25 11:10	10/05/25 02:44	1
n-Butylbenzene	0.0011	U	0.0011	0.00032	mg/Kg	☼	10/02/25 11:10	10/05/25 02:44	1
N-Propylbenzene	0.0011	U	0.0011	0.00049	mg/Kg	☼	10/02/25 11:10	10/05/25 02:44	1
o-Xylene	0.0011	U	0.0011	0.00051	mg/Kg	☼	10/02/25 11:10	10/05/25 02:44	1
sec-Butylbenzene	0.0011	U	0.0011	0.00032	mg/Kg	☼	10/02/25 11:10	10/05/25 02:44	1
Styrene	0.0011	U	0.0011	0.00031	mg/Kg	☼	10/02/25 11:10	10/05/25 02:44	1

Client Sample ID: 57B2_2-3

Lab Sample ID: 460-335975-67

Date Collected: 09/29/25 13:10
Matrix: Solid
Date Received: 09/29/25 15:30
Percent Solids: 98.4

Method: SW846 8260D - Volatile Organic Compounds by GC/MS (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
tert-Butylbenzene	0.0011	U	0.0011	0.00030	mg/Kg	☼	10/02/25 11:10	10/05/25 02:44	1
Tetrachloroethene	0.0011	U	0.0011	0.00034	mg/Kg	☼	10/02/25 11:10	10/05/25 02:44	1
Toluene	0.0011	U	0.0011	0.00026	mg/Kg	☼	10/02/25 11:10	10/05/25 02:44	1
trans-1,2-Dichloroethene	0.0011	U	0.0011	0.00027	mg/Kg	☼	10/02/25 11:10	10/05/25 02:44	1
trans-1,3-Dichloropropene	0.0011	U	0.0011	0.00029	mg/Kg	☼	10/02/25 11:10	10/05/25 02:44	1
Trichloroethene	0.0011	U	0.0011	0.00035	mg/Kg	☼	10/02/25 11:10	10/05/25 02:44	1
Trichlorofluoromethane	0.0011	U	0.0011	0.00045	mg/Kg	☼	10/02/25 11:10	10/05/25 02:44	1
Vinyl chloride	0.0011	U	0.0011	0.00060	mg/Kg	☼	10/02/25 11:10	10/05/25 02:44	1
Xylenes, Total	0.0022	U	0.0022	0.00019	mg/Kg	☼	10/02/25 11:10	10/05/25 02:44	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,2-Dichloroethane-d4 (Surr)	*106*		*65 - 138*	*10/02/25 11:10*	*10/05/25 02:44*	*1*
4-Bromofluorobenzene	*95*		*71 - 128*	*10/02/25 11:10*	*10/05/25 02:44*	*1*
Dibromofluoromethane (Surr)	*96*		*50 - 150*	*10/02/25 11:10*	*10/05/25 02:44*	*1*
Toluene-d8 (Surr)	*101*		*71 - 126*	*10/02/25 11:10*	*10/05/25 02:44*	*1*

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Percent Moisture (EPA Moisture)	**1.6**		1.0	1.0	%			10/02/25 17:24	1
Percent Solids (EPA Moisture)	**98.4**		1.0	1.0	%			10/02/25 17:24	1

Client Sample ID: 57B3_3-4

Lab Sample ID: 460-335975-68

Date Collected: 09/29/25 13:15
Matrix: Solid
Date Received: 09/29/25 15:30
Percent Solids: 98.2

Method: SW846 8260D - Volatile Organic Compounds by GC/MS

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1-Trichloroethane	0.0011	U	0.0011	0.00025	mg/Kg	☼	10/02/25 11:11	10/05/25 08:26	1
1,1,2,2-Tetrachloroethane	0.0011	U	0.0011	0.00056	mg/Kg	☼	10/02/25 11:11	10/05/25 08:26	1
1,1,2-Trichloro-1,2,2-trifluoroethane	0.0011	U	0.0011	0.00032	mg/Kg	☼	10/02/25 11:11	10/05/25 08:26	1
1,1,2-Trichloroethane	0.0011	U	0.0011	0.00064	mg/Kg	☼	10/02/25 11:11	10/05/25 08:26	1
1,1-Dichloroethane	0.0011	U	0.0011	0.00064	mg/Kg	☼	10/02/25 11:11	10/05/25 08:26	1
1,1-Dichloroethene	0.0011	U	0.0011	0.00024	mg/Kg	☼	10/02/25 11:11	10/05/25 08:26	1
1,2,3-Trichlorobenzene	0.0011	U	0.0011	0.00079	mg/Kg	☼	10/02/25 11:11	10/05/25 08:26	1
1,2,4-Trichlorobenzene	0.0011	U	0.0011	0.00038	mg/Kg	☼	10/02/25 11:11	10/05/25 08:26	1
1,2,4-Trimethylbenzene	0.0011	U	0.0011	0.00026	mg/Kg	☼	10/02/25 11:11	10/05/25 08:26	1
1,2-Dibromo-3-Chloropropane	0.0011	U	0.0011	0.00049	mg/Kg	☼	10/02/25 11:11	10/05/25 08:26	1
1,2-Dichlorobenzene	0.0011	U	0.0011	0.00039	mg/Kg	☼	10/02/25 11:11	10/05/25 08:26	1
1,2-Dichloroethane	0.0011	U	0.0011	0.00032	mg/Kg	☼	10/02/25 11:11	10/05/25 08:26	1
1,2-Dichloropropane	0.0011	U	0.0011	0.00045	mg/Kg	☼	10/02/25 11:11	10/05/25 08:26	1
1,3,5-Trimethylbenzene	0.0011	U	0.0011	0.00034	mg/Kg	☼	10/02/25 11:11	10/05/25 08:26	1
1,3-Dichlorobenzene	0.0011	U	0.0011	0.00039	mg/Kg	☼	10/02/25 11:11	10/05/25 08:26	1
1,4-Dichlorobenzene	0.0011	U	0.0011	0.00055	mg/Kg	☼	10/02/25 11:11	10/05/25 08:26	1
2-Butanone (MEK)	0.0053	U	0.0053	0.00039	mg/Kg	☼	10/02/25 11:11	10/05/25 08:26	1
2-Hexanone	0.0053	U	0.0053	0.0018	mg/Kg	☼	10/02/25 11:11	10/05/25 08:26	1
4-Methyl-2-pentanone (MIBK)	0.0053	U	0.0053	0.0017	mg/Kg	☼	10/02/25 11:11	10/05/25 08:26	1
Acetone	0.0064	U	0.0064	0.0061	mg/Kg	☼	10/02/25 11:11	10/05/25 08:26	1
Benzene	0.0011	U	0.0011	0.00061	mg/Kg	☼	10/02/25 11:11	10/05/25 08:26	1
Bromoform	0.0011	U *	0.0011	0.00045	mg/Kg	☼	10/02/25 11:11	10/05/25 08:26	1
Bromomethane	0.0021	U	0.0021	0.0011	mg/Kg	☼	10/02/25 11:11	10/05/25 08:26	1

Client Sample ID: 57B3_3-4
Date Collected: 09/29/25 13:15
Date Received: 09/29/25 15:30

Lab Sample ID: 460-335975-68
Matrix: Solid
Percent Solids: 98.2

Method: SW846 8260D - Volatile Organic Compounds by GC/MS (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Carbon disulfide	0.0011	U	0.0011	0.00028	mg/Kg	☼	10/02/25 11:11	10/05/25 08:26	1
Carbon tetrachloride	0.0011	U	0.0011	0.00041	mg/Kg	☼	10/02/25 11:11	10/05/25 08:26	1
Chlorobenzene	0.0011	U	0.0011	0.00054	mg/Kg	☼	10/02/25 11:11	10/05/25 08:26	1
Chlorobromomethane	0.0011	U	0.0011	0.00064	mg/Kg	☼	10/02/25 11:11	10/05/25 08:26	1
Chlorodibromomethane	0.0011	U *	0.0011	0.00057	mg/Kg	☼	10/02/25 11:11	10/05/25 08:26	1
Chloroethane	0.0011	U	0.0011	0.00056	mg/Kg	☼	10/02/25 11:11	10/05/25 08:26	1
Chloroform	0.0011	U	0.0011	0.0010	mg/Kg	☼	10/02/25 11:11	10/05/25 08:26	1
Chloromethane	0.0011	U	0.0011	0.00046	mg/Kg	☼	10/02/25 11:11	10/05/25 08:26	1
cis-1,2-Dichloroethene	0.0011	U	0.0011	0.00038	mg/Kg	☼	10/02/25 11:11	10/05/25 08:26	1
cis-1,3-Dichloropropene	0.0011	U	0.0011	0.00029	mg/Kg	☼	10/02/25 11:11	10/05/25 08:26	1
Cyclohexane	0.0011	U	0.0011	0.00024	mg/Kg	☼	10/02/25 11:11	10/05/25 08:26	1
Dichlorobromomethane	0.0011	U	0.0011	0.00027	mg/Kg	☼	10/02/25 11:11	10/05/25 08:26	1
Dichlorodifluoromethane	0.0011	U	0.0011	0.00036	mg/Kg	☼	10/02/25 11:11	10/05/25 08:26	1
Ethylbenzene	0.0011	U	0.0011	0.00050	mg/Kg	☼	10/02/25 11:11	10/05/25 08:26	1
Ethylene Dibromide	0.0011	U	0.0011	0.00054	mg/Kg	☼	10/02/25 11:11	10/05/25 08:26	1
Isopropylbenzene	0.0011	U	0.0011	0.00030	mg/Kg	☼	10/02/25 11:11	10/05/25 08:26	1
Methyl acetate	0.0053	U *	0.0053	0.0046	mg/Kg	☼	10/02/25 11:11	10/05/25 08:26	1
Methyl tert-butyl ether	0.0011	U	0.0011	0.00055	mg/Kg	☼	10/02/25 11:11	10/05/25 08:26	1
Methylcyclohexane	0.0011	U	0.0011	0.00053	mg/Kg	☼	10/02/25 11:11	10/05/25 08:26	1
Methylene Chloride	**0.0038**		0.0021	0.0012	mg/Kg	☼	10/02/25 11:11	10/05/25 08:26	1
m-Xylene & p-Xylene	0.0011	U	0.0011	0.00045	mg/Kg	☼	10/02/25 11:11	10/05/25 08:26	1
n-Butylbenzene	0.0011	U	0.0011	0.00031	mg/Kg	☼	10/02/25 11:11	10/05/25 08:26	1
N-Propylbenzene	0.0011	U	0.0011	0.00048	mg/Kg	☼	10/02/25 11:11	10/05/25 08:26	1
o-Xylene	0.0011	U	0.0011	0.00049	mg/Kg	☼	10/02/25 11:11	10/05/25 08:26	1
sec-Butylbenzene	0.0011	U	0.0011	0.00031	mg/Kg	☼	10/02/25 11:11	10/05/25 08:26	1
Styrene	0.0011	U	0.0011	0.00030	mg/Kg	☼	10/02/25 11:11	10/05/25 08:26	1
tert-Butylbenzene	0.0011	U	0.0011	0.00029	mg/Kg	☼	10/02/25 11:11	10/05/25 08:26	1
Tetrachloroethene	0.0011	U	0.0011	0.00033	mg/Kg	☼	10/02/25 11:11	10/05/25 08:26	1
Toluene	0.0011	U	0.0011	0.00025	mg/Kg	☼	10/02/25 11:11	10/05/25 08:26	1
trans-1,2-Dichloroethene	0.0011	U	0.0011	0.00026	mg/Kg	☼	10/02/25 11:11	10/05/25 08:26	1
trans-1,3-Dichloropropene	0.0011	U	0.0011	0.00028	mg/Kg	☼	10/02/25 11:11	10/05/25 08:26	1
Trichloroethene	0.0011	U	0.0011	0.00034	mg/Kg	☼	10/02/25 11:11	10/05/25 08:26	1
Trichlorofluoromethane	0.0011	U	0.0011	0.00043	mg/Kg	☼	10/02/25 11:11	10/05/25 08:26	1
Vinyl chloride	0.0011	U	0.0011	0.00058	mg/Kg	☼	10/02/25 11:11	10/05/25 08:26	1
Xylenes, Total	0.0021	U	0.0021	0.00019	mg/Kg	☼	10/02/25 11:11	10/05/25 08:26	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,2-Dichloroethane-d4 (Surr)	*104*		*65 - 138*	*10/02/25 11:11*	*10/05/25 08:26*	*1*
4-Bromofluorobenzene	*91*		*71 - 128*	*10/02/25 11:11*	*10/05/25 08:26*	*1*
Dibromofluoromethane (Surr)	*95*		*50 - 150*	*10/02/25 11:11*	*10/05/25 08:26*	*1*
Toluene-d8 (Surr)	*99*		*71 - 126*	*10/02/25 11:11*	*10/05/25 08:26*	*1*

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Percent Moisture (EPA Moisture)	**1.8**		1.0	1.0	%			10/02/25 17:24	1
Percent Solids (EPA Moisture)	**98.2**		1.0	1.0	%			10/02/25 17:24	1

Client: Haley & Aldrich, Inc.
Project/Site: Former Port Mobil

Job ID: 460-335975-1

Client Sample ID: 57B1_4-5
Date Collected: 09/29/25 13:20
Date Received: 09/29/25 15:30

Lab Sample ID: 460-335975-69
Matrix: Solid
Percent Solids: 99.4

Method: SW846 8260D - Volatile Organic Compounds by GC/MS

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1-Trichloroethane	0.0011	U	0.0011	0.00025	mg/Kg	☼	10/02/25 11:11	10/05/25 08:51	1
1,1,2,2-Tetrachloroethane	0.0011	U	0.0011	0.00055	mg/Kg	☼	10/02/25 11:11	10/05/25 08:51	1
1,1,2-Trichloro-1,2,2-trifluoroethane	0.0011	U	0.0011	0.00032	mg/Kg	☼	10/02/25 11:11	10/05/25 08:51	1
1,1,2-Trichloroethane	0.0011	U	0.0011	0.00064	mg/Kg	☼	10/02/25 11:11	10/05/25 08:51	1
1,1-Dichloroethane	0.0011	U	0.0011	0.00063	mg/Kg	☼	10/02/25 11:11	10/05/25 08:51	1
1,1-Dichloroethene	0.0011	U	0.0011	0.00024	mg/Kg	☼	10/02/25 11:11	10/05/25 08:51	1
1,2,3-Trichlorobenzene	0.0011	U	0.0011	0.00078	mg/Kg	☼	10/02/25 11:11	10/05/25 08:51	1
1,2,4-Trichlorobenzene	0.0011	U	0.0011	0.00038	mg/Kg	☼	10/02/25 11:11	10/05/25 08:51	1
1,2,4-Trimethylbenzene	0.0011	U	0.0011	0.00026	mg/Kg	☼	10/02/25 11:11	10/05/25 08:51	1
1,2-Dibromo-3-Chloropropane	0.0011	U	0.0011	0.00049	mg/Kg	☼	10/02/25 11:11	10/05/25 08:51	1
1,2-Dichlorobenzene	0.0011	U	0.0011	0.00038	mg/Kg	☼	10/02/25 11:11	10/05/25 08:51	1
1,2-Dichloroethane	0.0011	U	0.0011	0.00031	mg/Kg	☼	10/02/25 11:11	10/05/25 08:51	1
1,2-Dichloropropane	0.0011	U	0.0011	0.00045	mg/Kg	☼	10/02/25 11:11	10/05/25 08:51	1
1,3,5-Trimethylbenzene	0.0011	U	0.0011	0.00033	mg/Kg	☼	10/02/25 11:11	10/05/25 08:51	1
1,3-Dichlorobenzene	0.0011	U	0.0011	0.00039	mg/Kg	☼	10/02/25 11:11	10/05/25 08:51	1
1,4-Dichlorobenzene	0.0011	U	0.0011	0.00055	mg/Kg	☼	10/02/25 11:11	10/05/25 08:51	1
2-Butanone (MEK)	0.0053	U	0.0053	0.00039	mg/Kg	☼	10/02/25 11:11	10/05/25 08:51	1
2-Hexanone	0.0053	U	0.0053	0.0018	mg/Kg	☼	10/02/25 11:11	10/05/25 08:51	1
4-Methyl-2-pentanone (MIBK)	0.0053	U	0.0053	0.0017	mg/Kg	☼	10/02/25 11:11	10/05/25 08:51	1
Acetone	0.0064	U	0.0064	0.0061	mg/Kg	☼	10/02/25 11:11	10/05/25 08:51	1
Benzene	0.0011	U	0.0011	0.00060	mg/Kg	☼	10/02/25 11:11	10/05/25 08:51	1
Bromoform	0.0011	U *	0.0011	0.00045	mg/Kg	☼	10/02/25 11:11	10/05/25 08:51	1
Bromomethane	0.0021	U	0.0021	0.0011	mg/Kg	☼	10/02/25 11:11	10/05/25 08:51	1
Carbon disulfide	0.0011	U	0.0011	0.00028	mg/Kg	☼	10/02/25 11:11	10/05/25 08:51	1
Carbon tetrachloride	0.0011	U	0.0011	0.00041	mg/Kg	☼	10/02/25 11:11	10/05/25 08:51	1
Chlorobenzene	0.0011	U	0.0011	0.00054	mg/Kg	☼	10/02/25 11:11	10/05/25 08:51	1
Chlorobromomethane	0.0011	U	0.0011	0.00063	mg/Kg	☼	10/02/25 11:11	10/05/25 08:51	1
Chlorodibromomethane	0.0011	U *	0.0011	0.00057	mg/Kg	☼	10/02/25 11:11	10/05/25 08:51	1
Chloroethane	0.0011	U	0.0011	0.00055	mg/Kg	☼	10/02/25 11:11	10/05/25 08:51	1
Chloroform	0.0011	U	0.0011	0.0010	mg/Kg	☼	10/02/25 11:11	10/05/25 08:51	1
Chloromethane	0.0011	U	0.0011	0.00046	mg/Kg	☼	10/02/25 11:11	10/05/25 08:51	1
cis-1,2-Dichloroethene	0.0011	U	0.0011	0.00038	mg/Kg	☼	10/02/25 11:11	10/05/25 08:51	1
cis-1,3-Dichloropropene	0.0011	U	0.0011	0.00029	mg/Kg	☼	10/02/25 11:11	10/05/25 08:51	1
Cyclohexane	0.0011	U	0.0011	0.00023	mg/Kg	☼	10/02/25 11:11	10/05/25 08:51	1
Dichlorobromomethane	0.0011	U	0.0011	0.00027	mg/Kg	☼	10/02/25 11:11	10/05/25 08:51	1
Dichlorodifluoromethane	0.0011	U	0.0011	0.00036	mg/Kg	☼	10/02/25 11:11	10/05/25 08:51	1
Ethylbenzene	0.0011	U	0.0011	0.00050	mg/Kg	☼	10/02/25 11:11	10/05/25 08:51	1
Ethylene Dibromide	0.0011	U	0.0011	0.00054	mg/Kg	☼	10/02/25 11:11	10/05/25 08:51	1
Isopropylbenzene	0.0011	U	0.0011	0.00030	mg/Kg	☼	10/02/25 11:11	10/05/25 08:51	1
Methyl acetate	0.0053	U *	0.0053	0.0046	mg/Kg	☼	10/02/25 11:11	10/05/25 08:51	1
Methyl tert-butyl ether	0.0011	U	0.0011	0.00054	mg/Kg	☼	10/02/25 11:11	10/05/25 08:51	1
Methylcyclohexane	0.0011	U	0.0011	0.00053	mg/Kg	☼	10/02/25 11:11	10/05/25 08:51	1
Methylene Chloride	**0.0046**		0.0021	0.0012	mg/Kg	☼	10/02/25 11:11	10/05/25 08:51	1
m-Xylene & p-Xylene	0.0011	U	0.0011	0.00045	mg/Kg	☼	10/02/25 11:11	10/05/25 08:51	1
n-Butylbenzene	0.0011	U	0.0011	0.00031	mg/Kg	☼	10/02/25 11:11	10/05/25 08:51	1
N-Propylbenzene	0.0011	U	0.0011	0.00048	mg/Kg	☼	10/02/25 11:11	10/05/25 08:51	1
o-Xylene	0.0011	U	0.0011	0.00049	mg/Kg	☼	10/02/25 11:11	10/05/25 08:51	1
sec-Butylbenzene	0.0011	U	0.0011	0.00031	mg/Kg	☼	10/02/25 11:11	10/05/25 08:51	1
Styrene	0.0011	U	0.0011	0.00030	mg/Kg	☼	10/02/25 11:11	10/05/25 08:51	1

Client Sample ID: 57B1_4-5

Lab Sample ID: 460-335975-69
Date Collected: 09/29/25 13:20
Matrix: Solid
Date Received: 09/29/25 15:30
Percent Solids: 99.4

Method: SW846 8260D - Volatile Organic Compounds by GC/MS (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
tert-Butylbenzene	0.0011	U	0.0011	0.00029	mg/Kg	☼	10/02/25 11:11	10/05/25 08:51	1
Tetrachloroethene	0.0011	U	0.0011	0.00032	mg/Kg	☼	10/02/25 11:11	10/05/25 08:51	1
Toluene	0.0011	U	0.0011	0.00025	mg/Kg	☼	10/02/25 11:11	10/05/25 08:51	1
trans-1,2-Dichloroethene	0.0011	U	0.0011	0.00026	mg/Kg	☼	10/02/25 11:11	10/05/25 08:51	1
trans-1,3-Dichloropropene	0.0011	U	0.0011	0.00028	mg/Kg	☼	10/02/25 11:11	10/05/25 08:51	1
Trichloroethene	0.0011	U	0.0011	0.00034	mg/Kg	☼	10/02/25 11:11	10/05/25 08:51	1
Trichlorofluoromethane	0.0011	U	0.0011	0.00043	mg/Kg	☼	10/02/25 11:11	10/05/25 08:51	1
Vinyl chloride	0.0011	U	0.0011	0.00058	mg/Kg	☼	10/02/25 11:11	10/05/25 08:51	1
Xylenes, Total	0.0021	U	0.0021	0.00018	mg/Kg	☼	10/02/25 11:11	10/05/25 08:51	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,2-Dichloroethane-d4 (Surr)	*108*		*65 - 138*	*10/02/25 11:11*	*10/05/25 08:51*	*1*
4-Bromofluorobenzene	*95*		*71 - 128*	*10/02/25 11:11*	*10/05/25 08:51*	*1*
Dibromofluoromethane (Surr)	*99*		*50 - 150*	*10/02/25 11:11*	*10/05/25 08:51*	*1*
Toluene-d8 (Surr)	*101*		*71 - 126*	*10/02/25 11:11*	*10/05/25 08:51*	*1*

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Percent Moisture (EPA Moisture)	1.0	U	1.0	1.0	%			10/02/25 17:24	1
Percent Solids (EPA Moisture)	**99.4**		1.0	1.0	%			10/02/25 17:24	1

Client Sample ID: 57B2_5-6

Lab Sample ID: 460-335975-70
Date Collected: 09/29/25 13:25
Matrix: Solid
Date Received: 09/29/25 15:30
Percent Solids: 98.5

Method: SW846 8260D - Volatile Organic Compounds by GC/MS

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1-Trichloroethane	0.00092	U	0.00092	0.00021	mg/Kg	☼	10/02/25 11:11	10/05/25 09:16	1
1,1,2,2-Tetrachloroethane	0.00092	U	0.00092	0.00048	mg/Kg	☼	10/02/25 11:11	10/05/25 09:16	1
1,1,2-Trichloro-1,2,2-trifluoroethane	0.00092	U	0.00092	0.00028	mg/Kg	☼	10/02/25 11:11	10/05/25 09:16	1
1,1,2-Trichloroethane	0.00092	U	0.00092	0.00055	mg/Kg	☼	10/02/25 11:11	10/05/25 09:16	1
1,1-Dichloroethane	0.00092	U	0.00092	0.00055	mg/Kg	☼	10/02/25 11:11	10/05/25 09:16	1
1,1-Dichloroethene	0.00092	U	0.00092	0.00021	mg/Kg	☼	10/02/25 11:11	10/05/25 09:16	1
1,2,3-Trichlorobenzene	0.00092	U	0.00092	0.00068	mg/Kg	☼	10/02/25 11:11	10/05/25 09:16	1
1,2,4-Trichlorobenzene	0.00092	U	0.00092	0.00033	mg/Kg	☼	10/02/25 11:11	10/05/25 09:16	1
1,2,4-Trimethylbenzene	0.00092	U	0.00092	0.00023	mg/Kg	☼	10/02/25 11:11	10/05/25 09:16	1
1,2-Dibromo-3-Chloropropane	0.00092	U	0.00092	0.00042	mg/Kg	☼	10/02/25 11:11	10/05/25 09:16	1
1,2-Dichlorobenzene	0.00092	U	0.00092	0.00033	mg/Kg	☼	10/02/25 11:11	10/05/25 09:16	1
1,2-Dichloroethane	0.00092	U	0.00092	0.00027	mg/Kg	☼	10/02/25 11:11	10/05/25 09:16	1
1,2-Dichloropropane	0.00092	U	0.00092	0.00039	mg/Kg	☼	10/02/25 11:11	10/05/25 09:16	1
1,3,5-Trimethylbenzene	0.00092	U	0.00092	0.00029	mg/Kg	☼	10/02/25 11:11	10/05/25 09:16	1
1,3-Dichlorobenzene	0.00092	U	0.00092	0.00033	mg/Kg	☼	10/02/25 11:11	10/05/25 09:16	1
1,4-Dichlorobenzene	0.00092	U	0.00092	0.00047	mg/Kg	☼	10/02/25 11:11	10/05/25 09:16	1
2-Butanone (MEK)	0.0046	U	0.0046	0.00034	mg/Kg	☼	10/02/25 11:11	10/05/25 09:16	1
2-Hexanone	0.0046	U	0.0046	0.0016	mg/Kg	☼	10/02/25 11:11	10/05/25 09:16	1
4-Methyl-2-pentanone (MIBK)	0.0046	U	0.0046	0.0014	mg/Kg	☼	10/02/25 11:11	10/05/25 09:16	1
Acetone	0.0055	U	0.0055	0.0052	mg/Kg	☼	10/02/25 11:11	10/05/25 09:16	1
Benzene	0.00092	U	0.00092	0.00052	mg/Kg	☼	10/02/25 11:11	10/05/25 09:16	1
Bromoform	0.00092	U *	0.00092	0.00039	mg/Kg	☼	10/02/25 11:11	10/05/25 09:16	1
Bromomethane	0.0018	U	0.0018	0.00092	mg/Kg	☼	10/02/25 11:11	10/05/25 09:16	1

Client Sample ID: 57B2_5-6
Date Collected: 09/29/25 13:25
Date Received: 09/29/25 15:30

Lab Sample ID: 460-335975-70
Matrix: Solid
Percent Solids: 98.5

Method: SW846 8260D - Volatile Organic Compounds by GC/MS (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Carbon disulfide	0.00092	U	0.00092	0.00024	mg/Kg	☼	10/02/25 11:11	10/05/25 09:16	1
Carbon tetrachloride	0.00092	U	0.00092	0.00035	mg/Kg	☼	10/02/25 11:11	10/05/25 09:16	1
Chlorobenzene	0.00092	U	0.00092	0.00046	mg/Kg	☼	10/02/25 11:11	10/05/25 09:16	1
Chlorobromomethane	0.00092	U	0.00092	0.00055	mg/Kg	☼	10/02/25 11:11	10/05/25 09:16	1
Chlorodibromomethane	0.00092	U *	0.00092	0.00049	mg/Kg	☼	10/02/25 11:11	10/05/25 09:16	1
Chloroethane	0.00092	U	0.00092	0.00048	mg/Kg	☼	10/02/25 11:11	10/05/25 09:16	1
Chloroform	0.00092	U	0.00092	0.00089	mg/Kg	☼	10/02/25 11:11	10/05/25 09:16	1
Chloromethane	0.00092	U	0.00092	0.00040	mg/Kg	☼	10/02/25 11:11	10/05/25 09:16	1
cis-1,2-Dichloroethene	0.00092	U	0.00092	0.00033	mg/Kg	☼	10/02/25 11:11	10/05/25 09:16	1
cis-1,3-Dichloropropene	0.00092	U	0.00092	0.00025	mg/Kg	☼	10/02/25 11:11	10/05/25 09:16	1
Cyclohexane	0.00092	U	0.00092	0.00020	mg/Kg	☼	10/02/25 11:11	10/05/25 09:16	1
Dichlorobromomethane	0.00092	U	0.00092	0.00024	mg/Kg	☼	10/02/25 11:11	10/05/25 09:16	1
Dichlorodifluoromethane	0.00092	U	0.00092	0.00031	mg/Kg	☼	10/02/25 11:11	10/05/25 09:16	1
Ethylbenzene	0.00092	U	0.00092	0.00043	mg/Kg	☼	10/02/25 11:11	10/05/25 09:16	1
Ethylene Dibromide	0.00092	U	0.00092	0.00046	mg/Kg	☼	10/02/25 11:11	10/05/25 09:16	1
Isopropylbenzene	0.00092	U	0.00092	0.00026	mg/Kg	☼	10/02/25 11:11	10/05/25 09:16	1
Methyl acetate	0.0046	U *	0.0046	0.0039	mg/Kg	☼	10/02/25 11:11	10/05/25 09:16	1
Methyl tert-butyl ether	0.00092	U	0.00092	0.00047	mg/Kg	☼	10/02/25 11:11	10/05/25 09:16	1
Methylcyclohexane	0.00092	U	0.00092	0.00046	mg/Kg	☼	10/02/25 11:11	10/05/25 09:16	1
Methylene Chloride	**0.0024**		0.0018	0.0010	mg/Kg	☼	10/02/25 11:11	10/05/25 09:16	1
m-Xylene & p-Xylene	0.00092	U	0.00092	0.00039	mg/Kg	☼	10/02/25 11:11	10/05/25 09:16	1
n-Butylbenzene	0.00092	U	0.00092	0.00027	mg/Kg	☼	10/02/25 11:11	10/05/25 09:16	1
N-Propylbenzene	0.00092	U	0.00092	0.00041	mg/Kg	☼	10/02/25 11:11	10/05/25 09:16	1
o-Xylene	0.00092	U	0.00092	0.00042	mg/Kg	☼	10/02/25 11:11	10/05/25 09:16	1
sec-Butylbenzene	0.00092	U	0.00092	0.00026	mg/Kg	☼	10/02/25 11:11	10/05/25 09:16	1
Styrene	0.00092	U	0.00092	0.00025	mg/Kg	☼	10/02/25 11:11	10/05/25 09:16	1
tert-Butylbenzene	0.00092	U	0.00092	0.00025	mg/Kg	☼	10/02/25 11:11	10/05/25 09:16	1
Tetrachloroethene	0.00092	U	0.00092	0.00028	mg/Kg	☼	10/02/25 11:11	10/05/25 09:16	1
Toluene	0.00092	U	0.00092	0.00021	mg/Kg	☼	10/02/25 11:11	10/05/25 09:16	1
trans-1,2-Dichloroethene	0.00092	U	0.00092	0.00023	mg/Kg	☼	10/02/25 11:11	10/05/25 09:16	1
trans-1,3-Dichloropropene	0.00092	U	0.00092	0.00024	mg/Kg	☼	10/02/25 11:11	10/05/25 09:16	1
Trichloroethene	0.00092	U	0.00092	0.00029	mg/Kg	☼	10/02/25 11:11	10/05/25 09:16	1
Trichlorofluoromethane	0.00092	U	0.00092	0.00037	mg/Kg	☼	10/02/25 11:11	10/05/25 09:16	1
Vinyl chloride	0.00092	U	0.00092	0.00050	mg/Kg	☼	10/02/25 11:11	10/05/25 09:16	1
Xylenes, Total	0.0018	U	0.0018	0.00016	mg/Kg	☼	10/02/25 11:11	10/05/25 09:16	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,2-Dichloroethane-d4 (Surr)	*107*		*65 - 138*	*10/02/25 11:11*	*10/05/25 09:16*	*1*
4-Bromofluorobenzene	*94*		*71 - 128*	*10/02/25 11:11*	*10/05/25 09:16*	*1*
Dibromofluoromethane (Surr)	*97*		*50 - 150*	*10/02/25 11:11*	*10/05/25 09:16*	*1*
Toluene-d8 (Surr)	*101*		*71 - 126*	*10/02/25 11:11*	*10/05/25 09:16*	*1*

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Percent Moisture (EPA Moisture)	**1.5**		1.0	1.0	%			10/02/25 17:24	1
Percent Solids (EPA Moisture)	**98.5**		1.0	1.0	%			10/02/25 17:24	1

Client: Haley & Aldrich, Inc.
Project/Site: Former Port Mobil

Job ID: 460-335975-1

Client Sample ID: 57B3_6-7
Date Collected: 09/29/25 13:30
Date Received: 09/29/25 15:30

Lab Sample ID: 460-335975-71
Matrix: Solid
Percent Solids: 98.0

Method: SW846 8260D - Volatile Organic Compounds by GC/MS

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1-Trichloroethane	0.0011	U	0.0011	0.00026	mg/Kg	☼	10/02/25 11:12	10/05/25 09:41	1
1,1,2,2-Tetrachloroethane	0.0011	U	0.0011	0.00058	mg/Kg	☼	10/02/25 11:12	10/05/25 09:41	1
1,1,2-Trichloro-1,2,2-trifluoroethane	0.0011	U	0.0011	0.00033	mg/Kg	☼	10/02/25 11:12	10/05/25 09:41	1
1,1,2-Trichloroethane	0.0011	U	0.0011	0.00067	mg/Kg	☼	10/02/25 11:12	10/05/25 09:41	1
1,1-Dichloroethane	0.0011	U	0.0011	0.00066	mg/Kg	☼	10/02/25 11:12	10/05/25 09:41	1
1,1-Dichloroethene	0.0011	U	0.0011	0.00025	mg/Kg	☼	10/02/25 11:12	10/05/25 09:41	1
1,2,3-Trichlorobenzene	0.0011	U	0.0011	0.00082	mg/Kg	☼	10/02/25 11:12	10/05/25 09:41	1
1,2,4-Trichlorobenzene	0.0011	U	0.0011	0.00040	mg/Kg	☼	10/02/25 11:12	10/05/25 09:41	1
1,2,4-Trimethylbenzene	0.0011	U	0.0011	0.00027	mg/Kg	☼	10/02/25 11:12	10/05/25 09:41	1
1,2-Dibromo-3-Chloropropane	0.0011	U	0.0011	0.00051	mg/Kg	☼	10/02/25 11:12	10/05/25 09:41	1
1,2-Dichlorobenzene	0.0011	U	0.0011	0.00040	mg/Kg	☼	10/02/25 11:12	10/05/25 09:41	1
1,2-Dichloroethane	0.0011	U	0.0011	0.00033	mg/Kg	☼	10/02/25 11:12	10/05/25 09:41	1
1,2-Dichloropropane	0.0011	U	0.0011	0.00047	mg/Kg	☼	10/02/25 11:12	10/05/25 09:41	1
1,3,5-Trimethylbenzene	0.0011	U	0.0011	0.00035	mg/Kg	☼	10/02/25 11:12	10/05/25 09:41	1
1,3-Dichlorobenzene	0.0011	U	0.0011	0.00040	mg/Kg	☼	10/02/25 11:12	10/05/25 09:41	1
1,4-Dichlorobenzene	0.0011	U	0.0011	0.00058	mg/Kg	☼	10/02/25 11:12	10/05/25 09:41	1
2-Butanone (MEK)	0.0055	U	0.0055	0.00041	mg/Kg	☼	10/02/25 11:12	10/05/25 09:41	1
2-Hexanone	0.0055	U	0.0055	0.0019	mg/Kg	☼	10/02/25 11:12	10/05/25 09:41	1
4-Methyl-2-pentanone (MIBK)	0.0055	U	0.0055	0.0017	mg/Kg	☼	10/02/25 11:12	10/05/25 09:41	1
Acetone	0.0067	U	0.0067	0.0063	mg/Kg	☼	10/02/25 11:12	10/05/25 09:41	1
Benzene	0.0011	U	0.0011	0.00063	mg/Kg	☼	10/02/25 11:12	10/05/25 09:41	1
Bromoform	0.0011	U *	0.0011	0.00047	mg/Kg	☼	10/02/25 11:12	10/05/25 09:41	1
Bromomethane	0.0022	U	0.0022	0.0011	mg/Kg	☼	10/02/25 11:12	10/05/25 09:41	1
Carbon disulfide	0.0011	U	0.0011	0.00029	mg/Kg	☼	10/02/25 11:12	10/05/25 09:41	1
Carbon tetrachloride	0.0011	U	0.0011	0.00043	mg/Kg	☼	10/02/25 11:12	10/05/25 09:41	1
Chlorobenzene	0.0011	U	0.0011	0.00056	mg/Kg	☼	10/02/25 11:12	10/05/25 09:41	1
Chlorobromomethane	0.0011	U	0.0011	0.00066	mg/Kg	☼	10/02/25 11:12	10/05/25 09:41	1
Chlorodibromomethane	0.0011	U *	0.0011	0.00060	mg/Kg	☼	10/02/25 11:12	10/05/25 09:41	1
Chloroethane	0.0011	U	0.0011	0.00058	mg/Kg	☼	10/02/25 11:12	10/05/25 09:41	1
Chloroform	0.0011	U	0.0011	0.0011	mg/Kg	☼	10/02/25 11:12	10/05/25 09:41	1
Chloromethane	0.0011	U	0.0011	0.00048	mg/Kg	☼	10/02/25 11:12	10/05/25 09:41	1
cis-1,2-Dichloroethene	0.0011	U	0.0011	0.00040	mg/Kg	☼	10/02/25 11:12	10/05/25 09:41	1
cis-1,3-Dichloropropene	0.0011	U	0.0011	0.00030	mg/Kg	☼	10/02/25 11:12	10/05/25 09:41	1
Cyclohexane	0.0011	U	0.0011	0.00024	mg/Kg	☼	10/02/25 11:12	10/05/25 09:41	1
Dichlorobromomethane	0.0011	U	0.0011	0.00028	mg/Kg	☼	10/02/25 11:12	10/05/25 09:41	1
Dichlorodifluoromethane	0.0011	U	0.0011	0.00037	mg/Kg	☼	10/02/25 11:12	10/05/25 09:41	1
Ethylbenzene	0.0011	U	0.0011	0.00052	mg/Kg	☼	10/02/25 11:12	10/05/25 09:41	1
Ethylene Dibromide	0.0011	U	0.0011	0.00056	mg/Kg	☼	10/02/25 11:12	10/05/25 09:41	1
Isopropylbenzene	0.0011	U	0.0011	0.00032	mg/Kg	☼	10/02/25 11:12	10/05/25 09:41	1
Methyl acetate	0.0055	U *	0.0055	0.0048	mg/Kg	☼	10/02/25 11:12	10/05/25 09:41	1
Methyl tert-butyl ether	0.0011	U	0.0011	0.00057	mg/Kg	☼	10/02/25 11:12	10/05/25 09:41	1
Methylcyclohexane	0.0011	U	0.0011	0.00055	mg/Kg	☼	10/02/25 11:12	10/05/25 09:41	1
Methylene Chloride	**0.0040**		0.0022	0.0013	mg/Kg	☼	10/02/25 11:12	10/05/25 09:41	1
m-Xylene & p-Xylene	0.0011	U	0.0011	0.00047	mg/Kg	☼	10/02/25 11:12	10/05/25 09:41	1
n-Butylbenzene	0.0011	U	0.0011	0.00033	mg/Kg	☼	10/02/25 11:12	10/05/25 09:41	1
N-Propylbenzene	0.0011	U	0.0011	0.00050	mg/Kg	☼	10/02/25 11:12	10/05/25 09:41	1
o-Xylene	0.0011	U	0.0011	0.00051	mg/Kg	☼	10/02/25 11:12	10/05/25 09:41	1
sec-Butylbenzene	0.0011	U	0.0011	0.00032	mg/Kg	☼	10/02/25 11:12	10/05/25 09:41	1
Styrene	0.0011	U	0.0011	0.00031	mg/Kg	☼	10/02/25 11:12	10/05/25 09:41	1

Client Sample ID: 57B3_6-7

Lab Sample ID: 460-335975-71
Date Collected: 09/29/25 13:30
Matrix: Solid
Date Received: 09/29/25 15:30
Percent Solids: 98.0

Method: SW846 8260D - Volatile Organic Compounds by GC/MS (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
tert-Butylbenzene	0.0011	U	0.0011	0.00031	mg/Kg	☼	10/02/25 11:12	10/05/25 09:41	1
Tetrachloroethene	0.0011	U	0.0011	0.00034	mg/Kg	☼	10/02/25 11:12	10/05/25 09:41	1
Toluene	0.0011	U	0.0011	0.00026	mg/Kg	☼	10/02/25 11:12	10/05/25 09:41	1
trans-1,2-Dichloroethene	0.0011	U	0.0011	0.00027	mg/Kg	☼	10/02/25 11:12	10/05/25 09:41	1
trans-1,3-Dichloropropene	0.0011	U	0.0011	0.00029	mg/Kg	☼	10/02/25 11:12	10/05/25 09:41	1
Trichloroethene	0.0011	U	0.0011	0.00036	mg/Kg	☼	10/02/25 11:12	10/05/25 09:41	1
Trichlorofluoromethane	0.0011	U	0.0011	0.00045	mg/Kg	☼	10/02/25 11:12	10/05/25 09:41	1
Vinyl chloride	0.0011	U	0.0011	0.00061	mg/Kg	☼	10/02/25 11:12	10/05/25 09:41	1
Xylenes, Total	0.0022	U	0.0022	0.00019	mg/Kg	☼	10/02/25 11:12	10/05/25 09:41	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,2-Dichloroethane-d4 (Surr)	*107*		*65 - 138*	*10/02/25 11:12*	*10/05/25 09:41*	*1*
4-Bromofluorobenzene	*93*		*71 - 128*	*10/02/25 11:12*	*10/05/25 09:41*	*1*
Dibromofluoromethane (Surr)	*97*		*50 - 150*	*10/02/25 11:12*	*10/05/25 09:41*	*1*
Toluene-d8 (Surr)	*99*		*71 - 126*	*10/02/25 11:12*	*10/05/25 09:41*	*1*

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Percent Moisture (EPA Moisture)	**2.0**		1.0	1.0	%			10/02/25 17:24	1
Percent Solids (EPA Moisture)	**98.0**		1.0	1.0	%			10/02/25 17:24	1

Client Sample ID: 57B1_7-8

Lab Sample ID: 460-335975-72
Date Collected: 09/29/25 13:35
Matrix: Solid
Date Received: 09/29/25 15:30
Percent Solids: 98.9

Method: SW846 8260D - Volatile Organic Compounds by GC/MS

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1-Trichloroethane	0.0012	U	0.0012	0.00029	mg/Kg	☼	10/02/25 11:12	10/05/25 10:06	1
1,1,2,2-Tetrachloroethane	0.0012	U	0.0012	0.00065	mg/Kg	☼	10/02/25 11:12	10/05/25 10:06	1
1,1,2-Trichloro-1,2,2-trifluoroethane	0.0012	U	0.0012	0.00037	mg/Kg	☼	10/02/25 11:12	10/05/25 10:06	1
1,1,2-Trichloroethane	0.0012	U	0.0012	0.00074	mg/Kg	☼	10/02/25 11:12	10/05/25 10:06	1
1,1-Dichloroethane	0.0012	U	0.0012	0.00074	mg/Kg	☼	10/02/25 11:12	10/05/25 10:06	1
1,1-Dichloroethene	0.0012	U	0.0012	0.00028	mg/Kg	☼	10/02/25 11:12	10/05/25 10:06	1
1,2,3-Trichlorobenzene	0.0012	U	0.0012	0.00091	mg/Kg	☼	10/02/25 11:12	10/05/25 10:06	1
1,2,4-Trichlorobenzene	0.0012	U	0.0012	0.00044	mg/Kg	☼	10/02/25 11:12	10/05/25 10:06	1
1,2,4-Trimethylbenzene	0.0012	U	0.0012	0.00030	mg/Kg	☼	10/02/25 11:12	10/05/25 10:06	1
1,2-Dibromo-3-Chloropropane	0.0012	U	0.0012	0.00057	mg/Kg	☼	10/02/25 11:12	10/05/25 10:06	1
1,2-Dichlorobenzene	0.0012	U	0.0012	0.00045	mg/Kg	☼	10/02/25 11:12	10/05/25 10:06	1
1,2-Dichloroethane	0.0012	U	0.0012	0.00037	mg/Kg	☼	10/02/25 11:12	10/05/25 10:06	1
1,2-Dichloropropane	0.0012	U	0.0012	0.00052	mg/Kg	☼	10/02/25 11:12	10/05/25 10:06	1
1,3,5-Trimethylbenzene	0.0012	U	0.0012	0.00039	mg/Kg	☼	10/02/25 11:12	10/05/25 10:06	1
1,3-Dichlorobenzene	0.0012	U	0.0012	0.00045	mg/Kg	☼	10/02/25 11:12	10/05/25 10:06	1
1,4-Dichlorobenzene	0.0012	U	0.0012	0.00064	mg/Kg	☼	10/02/25 11:12	10/05/25 10:06	1
2-Butanone (MEK)	0.0062	U	0.0062	0.00046	mg/Kg	☼	10/02/25 11:12	10/05/25 10:06	1
2-Hexanone	0.0062	U	0.0062	0.0021	mg/Kg	☼	10/02/25 11:12	10/05/25 10:06	1
4-Methyl-2-pentanone (MIBK)	0.0062	U	0.0062	0.0019	mg/Kg	☼	10/02/25 11:12	10/05/25 10:06	1
Acetone	0.0074	U	0.0074	0.0071	mg/Kg	☼	10/02/25 11:12	10/05/25 10:06	1
Benzene	0.0012	U	0.0012	0.00070	mg/Kg	☼	10/02/25 11:12	10/05/25 10:06	1
Bromoform	0.0012	U *	0.0012	0.00053	mg/Kg	☼	10/02/25 11:12	10/05/25 10:06	1
Bromomethane	0.0025	U	0.0025	0.0012	mg/Kg	☼	10/02/25 11:12	10/05/25 10:06	1

Client Sample ID: 57B1_7-8
Date Collected: 09/29/25 13:35
Date Received: 09/29/25 15:30

Lab Sample ID: 460-335975-72
Matrix: Solid
Percent Solids: 98.9

Method: SW846 8260D - Volatile Organic Compounds by GC/MS (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Carbon disulfide	0.0012	U	0.0012	0.00033	mg/Kg	☼	10/02/25 11:12	10/05/25 10:06	1
Carbon tetrachloride	0.0012	U	0.0012	0.00048	mg/Kg	☼	10/02/25 11:12	10/05/25 10:06	1
Chlorobenzene	0.0012	U	0.0012	0.00063	mg/Kg	☼	10/02/25 11:12	10/05/25 10:06	1
Chlorobromomethane	0.0012	U	0.0012	0.00074	mg/Kg	☼	10/02/25 11:12	10/05/25 10:06	1
Chlorodibromomethane	0.0012	U *	0.0012	0.00067	mg/Kg	☼	10/02/25 11:12	10/05/25 10:06	1
Chloroethane	0.0012	U	0.0012	0.00065	mg/Kg	☼	10/02/25 11:12	10/05/25 10:06	1
Chloroform	0.0012	U	0.0012	0.0012	mg/Kg	☼	10/02/25 11:12	10/05/25 10:06	1
Chloromethane	0.0012	U	0.0012	0.00054	mg/Kg	☼	10/02/25 11:12	10/05/25 10:06	1
cis-1,2-Dichloroethene	0.0012	U	0.0012	0.00044	mg/Kg	☼	10/02/25 11:12	10/05/25 10:06	1
cis-1,3-Dichloropropene	0.0012	U	0.0012	0.00034	mg/Kg	☼	10/02/25 11:12	10/05/25 10:06	1
Cyclohexane	0.0012	U	0.0012	0.00027	mg/Kg	☼	10/02/25 11:12	10/05/25 10:06	1
Dichlorobromomethane	0.0012	U	0.0012	0.00032	mg/Kg	☼	10/02/25 11:12	10/05/25 10:06	1
Dichlorodifluoromethane	0.0012	U	0.0012	0.00042	mg/Kg	☼	10/02/25 11:12	10/05/25 10:06	1
Ethylbenzene	0.0012	U	0.0012	0.00058	mg/Kg	☼	10/02/25 11:12	10/05/25 10:06	1
Ethylene Dibromide	0.0012	U	0.0012	0.00062	mg/Kg	☼	10/02/25 11:12	10/05/25 10:06	1
Isopropylbenzene	0.0012	U	0.0012	0.00035	mg/Kg	☼	10/02/25 11:12	10/05/25 10:06	1
Methyl acetate	0.0062	U *	0.0062	0.0053	mg/Kg	☼	10/02/25 11:12	10/05/25 10:06	1
Methyl tert-butyl ether	0.0012	U	0.0012	0.00063	mg/Kg	☼	10/02/25 11:12	10/05/25 10:06	1
Methylcyclohexane	0.0012	U	0.0012	0.00062	mg/Kg	☼	10/02/25 11:12	10/05/25 10:06	1
Methylene Chloride	**0.0047**		0.0025	0.0014	mg/Kg	☼	10/02/25 11:12	10/05/25 10:06	1
m-Xylene & p-Xylene	0.0012	U	0.0012	0.00052	mg/Kg	☼	10/02/25 11:12	10/05/25 10:06	1
n-Butylbenzene	0.0012	U	0.0012	0.00036	mg/Kg	☼	10/02/25 11:12	10/05/25 10:06	1
N-Propylbenzene	0.0012	U	0.0012	0.00056	mg/Kg	☼	10/02/25 11:12	10/05/25 10:06	1
o-Xylene	0.0012	U	0.0012	0.00057	mg/Kg	☼	10/02/25 11:12	10/05/25 10:06	1
sec-Butylbenzene	0.0012	U	0.0012	0.00036	mg/Kg	☼	10/02/25 11:12	10/05/25 10:06	1
Styrene	0.0012	U	0.0012	0.00034	mg/Kg	☼	10/02/25 11:12	10/05/25 10:06	1
tert-Butylbenzene	0.0012	U	0.0012	0.00034	mg/Kg	☼	10/02/25 11:12	10/05/25 10:06	1
Tetrachloroethene	0.0012	U	0.0012	0.00038	mg/Kg	☼	10/02/25 11:12	10/05/25 10:06	1
Toluene	0.0012	U	0.0012	0.00029	mg/Kg	☼	10/02/25 11:12	10/05/25 10:06	1
trans-1,2-Dichloroethene	0.0012	U	0.0012	0.00030	mg/Kg	☼	10/02/25 11:12	10/05/25 10:06	1
trans-1,3-Dichloropropene	0.0012	U	0.0012	0.00033	mg/Kg	☼	10/02/25 11:12	10/05/25 10:06	1
Trichloroethene	0.0012	U	0.0012	0.00040	mg/Kg	☼	10/02/25 11:12	10/05/25 10:06	1
Trichlorofluoromethane	0.0012	U	0.0012	0.00050	mg/Kg	☼	10/02/25 11:12	10/05/25 10:06	1
Vinyl chloride	0.0012	U	0.0012	0.00068	mg/Kg	☼	10/02/25 11:12	10/05/25 10:06	1
Xylenes, Total	0.0025	U	0.0025	0.00022	mg/Kg	☼	10/02/25 11:12	10/05/25 10:06	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,2-Dichloroethane-d4 (Surr)	*110*		*65 - 138*	*10/02/25 11:12*	*10/05/25 10:06*	*1*
4-Bromofluorobenzene	*94*		*71 - 128*	*10/02/25 11:12*	*10/05/25 10:06*	*1*
Dibromofluoromethane (Surr)	*100*		*50 - 150*	*10/02/25 11:12*	*10/05/25 10:06*	*1*
Toluene-d8 (Surr)	*102*		*71 - 126*	*10/02/25 11:12*	*10/05/25 10:06*	*1*

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Percent Moisture (EPA Moisture)	**1.1**		1.0	1.0	%			10/02/25 17:24	1
Percent Solids (EPA Moisture)	**98.9**		1.0	1.0	%			10/02/25 17:24	1

Surrogate Summary

Client: Haley & Aldrich, Inc.
Project/Site: Former Port Mobil

Job ID: 460-335975-1

Method: 8260D - Volatile Organic Compounds by GC/MS

Matrix: Solid

Prep Type: Total/NA

		Percent Surrogate Recovery (Acceptance Limits)			
Lab Sample ID	Client Sample ID	DCA (65-138)	BFB (71-128)	DBFM (50-150)	TOL (71-126)
460-335975-17	59A1_0-1	113	101	114	96
460-335975-18	59A2_2-3	113	99	114	96
460-335975-19	59A3_3-4	115	98	117	96
460-335975-20	59A1_4-5	104	98	101	101
460-335975-21	59A2_6-7	104	96	100	101
460-335975-22	59A3_8-9	111	100	115	97
460-335975-23	59A3_11-12	117	100	119	96
460-335975-24	59B1_1-2	114	98	116	96
460-335975-25	59B2_2-3	113	97	111	97
460-335975-26	59B3_4-5	118	99	114	95
460-335975-27	59B1_5-6	108	99	111	96
460-335975-28	59B2_7.8	108	100	112	96
460-335975-29	59B3_8-9	107	100	110	96
460-335975-30	59B2_9-10	112	99	111	96
460-335975-31	59C1_1-2	112	100	114	96
460-335975-32	59C2_3-4	111	100	113	96
460-335975-33	59C3_4-5	113	98	115	95
460-335975-34	59C1_5-6	111	99	117	96
460-335975-35	59C2_6-7	100	99	96	101
460-335975-36	59C3_8-9	116	100	116	95
460-335975-37	59C1_9-10	115	100	113	96
460-335975-38	59D1_1-2	115	101	112	96
460-335975-39	59D2_2-3	110	95	106	99
460-335975-40	59D3_3-4	112	100	113	97
460-335975-41	59D1_6-7	113	99	115	95
460-335975-42	59D2_7-8	114	101	117	96
460-335975-43	59D3_8-9	113	99	120	95
460-335975-44	59D2_11-12	115	99	114	96
460-335975-45	59E1_1-2	112	109	114	100
460-335975-46	59E2_2-3	113	103	117	98
460-335975-47	59E3_4-5	116	100	120	96
460-335975-48	59E1_6-7	104	108	101	107
460-335975-49	59E2_8-9	103	100	101	104
460-335975-50	59E3_9-10	114	101	114	96
460-335975-51	59E1_11-12	111	104	115	98
460-335975-52	59F1_1-2	114	99	118	94
460-335975-53	59F2_3-4	113	99	121	95
460-335975-54	59F3_4-5	116	98	118	95
460-335975-55	59F1_5-6	115	111	119	101
460-335975-56	59F2_7-8	112	100	119	96
460-335975-57	59F3_9-10	115	101	118	96
460-335975-58	59F1_11-12	116	108	122	100
460-335975-59	57A1_1-2	111	99	117	95
460-335975-60	57A2_2-3	112	98	117	95
460-335975-61	57A3_3-4	114	99	119	96
460-335975-62	57A1_4-5	127 *	97	137 *	91
460-335975-63	57A2_6-7	114	100	118	95
460-335975-64	57A3_5-6	112	100	117	95
460-335975-65	57A3_7-8	111	100	115	95

Surrogate Summary

Client: Haley & Aldrich, Inc.
Project/Site: Former Port Mobil

Job ID: 460-335975-1

Method: 8260D - Volatile Organic Compounds by GC/MS (Continued)

Matrix: Solid

Prep Type: Total/NA

		Percent Surrogate Recovery (Acceptance Limits)			
		DCA	BFB	DBFM	TOL
Lab Sample ID	Client Sample ID	(65-138)	(71-128)	(50-150)	(71-126)
460-335975-66	57B1_1-2	114	95	98	100
460-335975-67	57B2_2-3	106	95	96	101
460-335975-68	57B3_3-4	104	91	95	99
460-335975-69	57B1_4-5	108	95	99	101
460-335975-70	57B2_5-6	107	94	97	101
460-335975-71	57B3_6-7	107	93	97	99
460-335975-72	57B1_7-8	110	94	100	102
LCS 460-1065774/3	Lab Control Sample	102	99	103	98
LCS 460-1065795/3	Lab Control Sample	100	101	97	99
LCS 460-1065796/3	Lab Control Sample	101	99	99	98
LCS 460-1065959/3	Lab Control Sample	99	100	95	98
LCS 460-1065968/2	Lab Control Sample	102	95	92	105
LCS 460-1066001/2	Lab Control Sample	104	96	94	104
LCS 460-1066059/3	Lab Control Sample	94	97	95	99
LCSD 460-1065774/4	Lab Control Sample Dup	103	99	105	98
LCSD 460-1065795/4	Lab Control Sample Dup	101	102	98	99
LCSD 460-1065796/4	Lab Control Sample Dup	103	101	103	98
LCSD 460-1065959/4	Lab Control Sample Dup	96	102	94	98
LCSD 460-1065968/4	Lab Control Sample Dup	103	97	93	103
LCSD 460-1066001/3	Lab Control Sample Dup	105	98	96	103
LCSD 460-1066059/4	Lab Control Sample Dup	93	97	94	99
MB 460-1065774/7	Method Blank	107	98	119	97
MB 460-1065795/8	Method Blank	99	100	109	97
MB 460-1065796/7	Method Blank	108	98	117	96
MB 460-1065959/6	Method Blank	109	97	114	95
MB 460-1065968/7	Method Blank	104	93	92	101
MB 460-1066001/6	Method Blank	104	94	95	100
MB 460-1066059/7	Method Blank	96	94	98	100

Surrogate Legend

DCA = 1,2-Dichloroethane-d4 (Surr)
BFB = 4-Bromofluorobenzene
DBFM = Dibromofluoromethane (Surr)
TOL = Toluene-d8 (Surr)

Method: 8270E - Semivolatile Organic Compounds (GC/MS)

Matrix: Solid

Prep Type: Total/NA

		Percent Surrogate Recovery (Acceptance Limits)					
		TBP	FBP	2FP	NBZ	PHL	TPHL
Lab Sample ID	Client Sample ID	(18-137)	(33-117)	(24-120)	(27-120)	(28-118)	(33-124)
460-335975-1	59A_0-6	54	58	63	61	61	66
460-335975-1 MS	59A_0-6	56	58	60	60	61	63
460-335975-1 MSD	59A_0-6	57	59	63	62	64	65
460-335975-2	59A_6-12	55	55	59	58	57	62
460-335975-3	59B_0-6	56	56	61	59	60	65
460-335975-4	59B_6-12	54	57	61	59	59	66
460-335975-5	59C_0-6	55	57	60	60	59	64
460-335975-6	59C_6-12	57	59	64	62	63	67
460-335975-7	59D_0-6	57	60	65	62	63	68
460-335975-8	59D_6-12	57	58	62	60	61	67

Surrogate Summary

Client: Haley & Aldrich, Inc.
Project/Site: Former Port Mobil

Job ID: 460-335975-1

Method: 8270E - Semivolatile Organic Compounds (GC/MS) (Continued)

Matrix: Solid

Prep Type: Total/NA

		Percent Surrogate Recovery (Acceptance Limits)					
		TBP	FBP	2FP	NBZ	PHL	TPHL
Lab Sample ID	Client Sample ID	(18-137)	(33-117)	(24-120)	(27-120)	(28-118)	(33-124)
460-335975-9	59E_0-6	56	57	61	60	60	66
460-335975-10	59E_6-12	55	58	63	60	61	66
460-335975-11	59F_0-6	55	56	61	59	60	63
460-335975-12	59F_6-12	50	55	58	57	58	62
460-335975-13	57A_0-4	55	56	62	59	61	65
460-335975-14	57A_4-8	52	56	59	58	58	61
460-335975-15	57B_0-4	56	57	61	61	60	63
460-335975-16	57B_4-8	58	59	65	64	65	65
LCS 460-1064934/2-A	Lab Control Sample	78	76	80	81	81	82
LCSD 460-1064934/3-A	Lab Control Sample Dup	78	76	81	80	82	83
MB 460-1064934/1-A	Method Blank	66	61	63	63	63	75

Surrogate Legend

TBP = 2,4,6-Tribromophenol (Surr)
FBP = 2-Fluorobiphenyl
2FP = 2-Fluorophenol (Surr)
NBZ = Nitrobenzene-d5 (Surr)
PHL = Phenol-d5 (Surr)
TPHL = Terphenyl-d14 (Surr)

Method: 8081B - Organochlorine Pesticides (GC)

Matrix: Solid

Prep Type: Total/NA

		Percent Surrogate Recovery (Acceptance Limits)			
		DCBP1	DCBP2	TCX1	TCX2
Lab Sample ID	Client Sample ID	(10-150)	(10-150)	(14-150)	(14-150)
460-335975-1	59A_0-6	115	96	91	98
460-335975-2	59A_6-12	113	92	92	92
460-335975-3	59B_0-6	115	96	91	95
460-335975-4	59B_6-12	123	104	100	103
460-335975-5	59C_0-6	114	101	93	97
460-335975-6	59C_6-12	109	93	91	94
460-335975-7	59D_0-6	120	100	104	92
460-335975-8	59D_6-12	116	117	104	102
460-335975-9	59E_0-6	125	126	109	111
460-335975-10	59E_6-12	109	107	95	96
460-335975-11	59F_0-6	126	121	109	109
460-335975-12	59F_6-12	118	113	103	103
460-335975-13	57A_0-4	125	120	106	106
460-335975-14	57A_4-8	121	117	104	105
460-335975-15	57B_0-4	125	122	110	110
460-335975-16	57B_4-8	133	125	115	112
460-335982-A-8-D MS	Matrix Spike	90	72	77	75
460-335982-A-8-E MSD	Matrix Spike Duplicate	90	73	76	75
LCS 460-1064868/2-A	Lab Control Sample	86	74	73	72
LCS 460-1064868/3-A	Lab Control Sample	84	69	72	68
MB 460-1064868/1-A	Method Blank	109	92	89	89

Surrogate Legend

DCBP = DCB Decachlorobiphenyl
TCX = Tetrachloro-m-xylene

Surrogate Summary

Client: Haley & Aldrich, Inc.
Project/Site: Former Port Mobil

Job ID: 460-335975-1

Method: 8082A - Polychlorinated Biphenyls (PCBs) by Gas Chromatography

Matrix: Solid

Prep Type: Total/NA

		Percent Surrogate Recovery (Acceptance Limits)			
Lab Sample ID	Client Sample ID	DCBP1 (10-150)	DCBP2 (10-150)	TCX1 (10-150)	TCX2 (10-150)
460-335975-1	59A_0-6	100	86	98	90
460-335975-2	59A_6-12	92	82	91	87
460-335975-3	59B_0-6	97	87	97	93
460-335975-4	59B_6-12	98	90	95	96
460-335975-5	59C_0-6	106	94	104	100
460-335975-6	59C_6-12	98	89	96	97
460-335975-7	59D_0-6	118	106	117	114
460-335975-8	59D_6-12	115	97	113	105
460-335975-9	59E_0-6	102	90	101	96
460-335975-10	59E_6-12	99	85	97	92
460-335975-11	59F_0-6	102	88	102	96
460-335975-12	59F_6-12	108	94	107	102
460-335975-13	57A_0-4	101	93	101	101
460-335975-14	57A_4-8	100	91	99	98
460-335975-15	57B_0-4	116	99	111	103
460-335975-16	57B_4-8	110	95	112	103
460-335982-A-8-A MS	Matrix Spike	109	110	111	101
460-335982-A-8-B MSD	Matrix Spike Duplicate	114	118	118	106
LCS 460-1064863/2-A	Lab Control Sample	94	87	89	82
LCS 460-1064863/3-A	Lab Control Sample	89	88	91	83
MB 460-1064863/1-A	Method Blank	94	85	96	88

Surrogate Legend

DCBP = DCB Decachlorobiphenyl

TCX = Tetrachloro-m-xylene

Isotope Dilution Summary

Client: Haley & Aldrich, Inc.
Project/Site: Former Port Mobil

Job ID: 460-335975-1

Method: 1633A - Per- and Polyfluoroalkyl Substances by LC/MS/MS, 1633A

Matrix: Solid **Prep Type: Total/NA**

		Percent Isotope Dilution Recovery (Acceptance Limits)							
Lab Sample ID	Client Sample ID	PFBA (8-130)	PFPeA (35-130)	13C5PHA (40-130)	C4PFHA (40-130)	C8PFOA (40-130)	C9PFNA (40-130)	C6PFDA (40-130)	13C7PUA (40-130)
460-335975-1	59A_0-6	91.9	90.3	88.6	86.8	85.8	87.7	74.6	57.1
460-335975-2	59A_6-12	85.4	86.2	84.3	85.6	82.4	84.5	75.1	68.0
460-335975-3	59B_0-6	82.2	80.1	80.6	78.8	81.9	81.0	73.9	63.5
460-335975-4	59B_6-12	89.4	90.3	86.1	81.2	78.7	77.3	73.9	69.4
460-335975-5	59C_0-6	81.7	88.5	77.6	82.4	83.9	84.3	86.1	74.6
460-335975-6	59C_6-12	89.2	88.3	85.3	86.8	89.1	89.4	89.1	79.1
460-335975-7	59D_0-6	99.2	95.0	96.4	98.1	96.6	93.7	95.0	88.3
460-335975-8	59D_6-12	105	102	102	103	101	101	94.9	85.3
460-335975-9	59E_0-6	94.1	91.0	89.9	90.2	91.3	90.8	90.4	86.1
460-335975-10	59E_6-12	103	97.7	98.5	99.2	101	99.0	93.3	93.0
460-335975-11	59F_0-6	104	96.1	98.0	102	100	99.7	97.3	90.0
460-335975-12	59F_6-12	94.8	95.9	90.3	92.4	94.6	101	94.7	85.1
460-335975-13	57A_0-4	116	110	109	109	109	111	109	99.8
460-335975-14	57A_4-8	116	110	109	110	111	111	108	92.6
460-335975-15	57B_0-4	119	113	110	114	114	118	115	105
460-335975-16	57B_4-8	112	108	109	110	105	110	102	97.9
LCS 410-708890/2-A	Lab Control Sample	88.9	88.4	87.9	93.6	84.8	86.9	88.5	87.0
LCS 410-710123/2-A	Lab Control Sample	88.2	81.7	82.2	83.1	83.6	80.3	70.3	61.1
LCSD 410-708890/3-A	Lab Control Sample Dup	98.8	95.0	94.9	92.4	92.7	96.2	89.4	88.0
LLCS 410-708890/4-A	Lab Control Sample	101	95.0	92.5	97.7	97.4	104	94.1	92.8
LLCS 410-710123/3-A	Lab Control Sample	87.6	85.1	84.9	84.8	79.3	76.1	74.1	70.0
MB 410-708890/1-A	Method Blank	105	102	98.6	105	101	101	99.2	92.3
MB 410-710123/1-A	Method Blank	91.0	89.0	86.6	87.3	84.5	85.0	81.3	71.6

		Percent Isotope Dilution Recovery (Acceptance Limits)							
Lab Sample ID	Client Sample ID	PFTDA (20-130)	C3PFBS (40-135)	C3PFHS (40-130)	C8PFOS (40-130)	PFOSA (40-130)	d3NMFOS (40-135)	d5NEFOS (40-150)	M242FTS (40-165)
460-335975-1	59A_0-6	42.6	82.5	77.0	75.1	110	107	90.7	101
460-335975-2	59A_6-12	44.0	81.8	81.7	79.4	98.6	77.7	71.0	91.7
460-335975-3	59B_0-6	39.3	81.1	76.1	75.3	86.9	77.3	67.9	87.7
460-335975-4	59B_6-12	48.7	82.1	79.9	76.6	82.8	69.6	63.0	88.4
460-335975-5	59C_0-6	74.9	76.3	79.8	82.8	91.7	109	111	108
460-335975-6	59C_6-12	81.7	84.7	85.7	85.8	76.2	89.9	79.6	97.5
460-335975-7	59D_0-6	78.6	91.1	88.6	89.4	70.2	83.3	77.5	107
460-335975-8	59D_6-12	73.2	93.8	94.7	88.8	72.2	82.6	75.8	118
460-335975-9	59E_0-6	67.4	90.0	89.5	85.3	70.0	84.0	76.3	104
460-335975-10	59E_6-12	78.3	93.5	92.9	92.3	78.4	92.1	82.9	111
460-335975-11	59F_0-6	48.1	96.2	97.7	96.9	79.8	75.7	65.7	107
460-335975-12	59F_6-12	88.9	88.3	94.7	93.6	84.0	94.9	87.0	118
460-335975-13	57A_0-4	85.2	105	111	109	94.4	105	99.1	134
460-335975-14	57A_4-8	35.9	105	108	106	89.8	85.7	75.2	170 *
460-335975-15	57B_0-4	68.7	113	113	111	90.8	104	94.2	158
460-335975-16	57B_4-8	50.9	103	103	107	90.3	97.2	86.2	136
LCS 410-708890/2-A	Lab Control Sample	83.3	87.7	87.8	84.5	70.0	87.1	75.2	96.0
LCS 410-710123/2-A	Lab Control Sample	49.4	83.2	82.5	75.2	75.1	62.4	53.1	81.2
LCSD 410-708890/3-A	Lab Control Sample Dup	89.9	92.2	93.7	93.7	77.5	85.2	79.5	102
LLCS 410-708890/4-A	Lab Control Sample	88.9	93.5	101	97.3	77.5	93.5	81.3	108
LLCS 410-710123/3-A	Lab Control Sample	54.0	83.3	79.7	76.5	72.7	67.8	62.5	80.6
MB 410-708890/1-A	Method Blank	64.6	98.0	101	96.7	78.4	93.5	84.1	116
MB 410-710123/1-A	Method Blank	56.8	88.0	83.9	78.0	80.3	78.8	71.4	87.3

Isotope Dilution Summary

Client: Haley & Aldrich, Inc.
Project/Site: Former Port Mobil

Job ID: 460-335975-1

Method: 1633A - Per- and Polyfluoroalkyl Substances by LC/MS/MS, 1633A (Continued)

Matrix: Solid

Prep Type: Total/NA

		Percent Isotope Dilution Recovery (Acceptance Limits)							
Lab Sample ID	Client Sample ID	M262FTS (40-215)	M282FTS (40-275)	HFPODA (40-130)	NMFM (20-130)	NEFM (15-130)	d5NPFSA (10-130)	d3NMFSA (10-130)	PFDoA (40-130)
460-335975-1	59A_0-6	115	103	80.3	36.2	23.0	46.1	58.6	55.8
460-335975-2	59A_6-12	98.8	135	77.0	24.6	16.9	39.9	53.0	63.1
460-335975-3	59B_0-6	92.8	120	75.3	24.6	18.2	52.5	61.6	55.6
460-335975-4	59B_6-12	82.6	106	80.2	38.4	25.5	50.4	58.9	65.5
460-335975-5	59C_0-6	113	154	75.0	80.5	68.3	52.1	60.9	69.7
460-335975-6	59C_6-12	100	148	78.8	71.1	69.0	69.1	73.4	77.9
460-335975-7	59D_0-6	112	168	92.3	61.9	56.7	62.0	66.6	76.7
460-335975-8	59D_6-12	113	167	92.6	56.2	50.4	69.1	72.8	71.7
460-335975-9	59E_0-6	103	153	86.1	64.9	61.2	65.5	64.8	77.6
460-335975-10	59E_6-12	116	172	91.5	72.8	59.6	71.9	73.9	76.9
460-335975-11	59F_0-6	109	173	91.3	72.8	70.1	71.6	74.1	76.5
460-335975-12	59F_6-12	123	167	88.5	80.3	79.2	66.6	73.1	82.2
460-335975-13	57A_0-4	131	188	98.8	72.6	66.6	88.5	96.1	93.9
460-335975-14	57A_4-8	155	200	101	58.3	47.8	68.2	81.3	71.1
460-335975-15	57B_0-4	141	178	104	80.4	77.3	81.2	89.0	96.2
460-335975-16	57B_4-8	130	176	102	68.7	59.3	77.7	84.4	84.8
LCS 410-708890/2-A	Lab Control Sample	96.8	146	87.9	70.7	70.0	61.9	64.9	82.0
LCS 410-710123/2-A	Lab Control Sample	74.8	93.8	78.1	32.3	27.0	52.2	56.0	54.6
LCSD 410-708890/3-A	Lab Control Sample Dup	105	174	93.9	65.6	58.9	68.1	68.3	82.4
LLCS 410-708890/4-A	Lab Control Sample	118	184	91.4	68.6	58.9	68.0	71.9	85.1
LLCS 410-710123/3-A	Lab Control Sample	79.0	95.0	79.8	25.3	16.4	49.2	55.4	64.1
MB 410-708890/1-A	Method Blank	116	175	96.4	70.9	56.0	67.1	70.3	87.2
MB 410-710123/1-A	Method Blank	87.2	120	86.9	42.7	31.9	58.4	64.6	68.3

Surrogate Legend

PFBA = 13C4 PFBA
PFPeA = 13C5 PFPeA
13C5PHA = 13C5 PFHxA
C4PFHA = 13C4 PFHpA
C8PFOA = 13C8 PFOA
C9PFNA = 13C9 PFNA
C6PFDA = 13C6 PFDA
13C7PUA = 13C7 PFUnA
PFTDA = 13C2 PFTeDA
C3PFBS = 13C3 PFBS
C3PFHS = 13C3 PFHxS
C8PFOS = 13C8 PFOS
PFOSA = 13C8 FOSA
d3NMFOS = d3-NMeFOSAA
d5NEFOS = d5-NEtFOSAA
M242FTS = 13C2 4:2 FTS
M262FTS = 13C2 6:2 FTS
M282FTS = 13C2 8:2 FTS
HFPODA = 13C3 HFPO-DA
NMFM = d7-N-MeFOSE-M
NEFM = d9-N-EtFOSE-M
d5NPFSA = d5-NEtPFOSA
d3NMFSA = d3-NMePFOSA
PFDoA = 13C2 PFDoA

Method: 8260D - Volatile Organic Compounds by GC/MS

Lab Sample ID: MB 460-1065774/7
Matrix: Solid
Analysis Batch: 1065774

Client Sample ID: Method Blank
Prep Type: Total/NA

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1-Trichloroethane	0.0010	U	0.0010	0.00023	mg/Kg			10/03/25 19:41	1
1,1,2,2-Tetrachloroethane	0.0010	U	0.0010	0.00052	mg/Kg			10/03/25 19:41	1
1,1,2-Trichloro-1,2,2-trifluoroethane	0.0010	U	0.0010	0.00030	mg/Kg			10/03/25 19:41	1
1,1,2-Trichloroethane	0.0010	U	0.0010	0.00060	mg/Kg			10/03/25 19:41	1
1,1-Dichloroethane	0.0010	U	0.0010	0.00060	mg/Kg			10/03/25 19:41	1
1,1-Dichloroethene	0.0010	U	0.0010	0.00023	mg/Kg			10/03/25 19:41	1
1,2,3-Trichlorobenzene	0.0010	U	0.0010	0.00074	mg/Kg			10/03/25 19:41	1
1,2,4-Trichlorobenzene	0.0010	U	0.0010	0.00036	mg/Kg			10/03/25 19:41	1
1,2,4-Trimethylbenzene	0.0010	U	0.0010	0.00025	mg/Kg			10/03/25 19:41	1
1,2-Dibromo-3-Chloropropane	0.0010	U	0.0010	0.00046	mg/Kg			10/03/25 19:41	1
1,2-Dichlorobenzene	0.0010	U	0.0010	0.00036	mg/Kg			10/03/25 19:41	1
1,2-Dichloroethane	0.0010	U	0.0010	0.00030	mg/Kg			10/03/25 19:41	1
1,2-Dichloropropane	0.0010	U	0.0010	0.00042	mg/Kg			10/03/25 19:41	1
1,3,5-Trimethylbenzene	0.0010	U	0.0010	0.00031	mg/Kg			10/03/25 19:41	1
1,3-Dichlorobenzene	0.0010	U	0.0010	0.00037	mg/Kg			10/03/25 19:41	1
1,4-Dichlorobenzene	0.0010	U	0.0010	0.00052	mg/Kg			10/03/25 19:41	1
2-Butanone (MEK)	0.0050	U	0.0050	0.00037	mg/Kg			10/03/25 19:41	1
2-Hexanone	0.0050	U	0.0050	0.0017	mg/Kg			10/03/25 19:41	1
4-Methyl-2-pentanone (MIBK)	0.0050	U	0.0050	0.0016	mg/Kg			10/03/25 19:41	1
Acetone	0.0060	U	0.0060	0.0057	mg/Kg			10/03/25 19:41	1
Benzene	0.0010	U	0.0010	0.00057	mg/Kg			10/03/25 19:41	1
Bromoform	0.0010	U	0.0010	0.00043	mg/Kg			10/03/25 19:41	1
Bromomethane	0.0020	U	0.0020	0.0010	mg/Kg			10/03/25 19:41	1
Carbon disulfide	0.0010	U	0.0010	0.00027	mg/Kg			10/03/25 19:41	1
Carbon tetrachloride	0.0010	U	0.0010	0.00039	mg/Kg			10/03/25 19:41	1
Chlorobenzene	0.0010	U	0.0010	0.00051	mg/Kg			10/03/25 19:41	1
Chlorobromomethane	0.0010	U	0.0010	0.00060	mg/Kg			10/03/25 19:41	1
Chlorodibromomethane	0.0010	U	0.0010	0.00054	mg/Kg			10/03/25 19:41	1
Chloroethane	0.0010	U	0.0010	0.00052	mg/Kg			10/03/25 19:41	1
Chloroform	0.0010	U	0.0010	0.00097	mg/Kg			10/03/25 19:41	1
Chloromethane	0.0010	U	0.0010	0.00044	mg/Kg			10/03/25 19:41	1
cis-1,2-Dichloroethene	0.0010	U	0.0010	0.00036	mg/Kg			10/03/25 19:41	1
cis-1,3-Dichloropropene	0.0010	U	0.0010	0.00027	mg/Kg			10/03/25 19:41	1
Cyclohexane	0.0010	U	0.0010	0.00022	mg/Kg			10/03/25 19:41	1
Dichlorobromomethane	0.0010	U	0.0010	0.00026	mg/Kg			10/03/25 19:41	1
Dichlorodifluoromethane	0.0010	U	0.0010	0.00034	mg/Kg			10/03/25 19:41	1
Ethylbenzene	0.0010	U	0.0010	0.00047	mg/Kg			10/03/25 19:41	1
Ethylene Dibromide	0.0010	U	0.0010	0.00050	mg/Kg			10/03/25 19:41	1
Isopropylbenzene	0.0010	U	0.0010	0.00029	mg/Kg			10/03/25 19:41	1
Methyl acetate	0.0050	U	0.0050	0.0043	mg/Kg			10/03/25 19:41	1
Methyl tert-butyl ether	0.0010	U	0.0010	0.00051	mg/Kg			10/03/25 19:41	1
Methylcyclohexane	0.0010	U	0.0010	0.00050	mg/Kg			10/03/25 19:41	1
Methylene Chloride	0.0020	U	0.0020	0.0011	mg/Kg			10/03/25 19:41	1
m-Xylene & p-Xylene	0.0010	U	0.0010	0.00042	mg/Kg			10/03/25 19:41	1
n-Butylbenzene	0.0010	U	0.0010	0.00029	mg/Kg			10/03/25 19:41	1
N-Propylbenzene	0.0010	U	0.0010	0.00045	mg/Kg			10/03/25 19:41	1
o-Xylene	0.0010	U	0.0010	0.00046	mg/Kg			10/03/25 19:41	1
sec-Butylbenzene	0.0010	U	0.0010	0.00029	mg/Kg			10/03/25 19:41	1

Method: 8260D - Volatile Organic Compounds by GC/MS (Continued)

Lab Sample ID: MB 460-1065774/7
Matrix: Solid
Analysis Batch: 1065774

Client Sample ID: Method Blank
Prep Type: Total/NA

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Styrene	0.0010	U	0.0010	0.00028	mg/Kg			10/03/25 19:41	1
Styrene	0.0010	U	0.0010	0.00028	mg/Kg			10/03/25 19:41	1
tert-Butylbenzene	0.0010	U	0.0010	0.00028	mg/Kg			10/03/25 19:41	1
Tetrachloroethene	0.0010	U	0.0010	0.00031	mg/Kg			10/03/25 19:41	1
Toluene	0.0010	U	0.0010	0.00023	mg/Kg			10/03/25 19:41	1
trans-1,2-Dichloroethene	0.0010	U	0.0010	0.00025	mg/Kg			10/03/25 19:41	1
trans-1,3-Dichloropropene	0.0010	U	0.0010	0.00027	mg/Kg			10/03/25 19:41	1
Trichloroethene	0.0010	U	0.0010	0.00032	mg/Kg			10/03/25 19:41	1
Trichlorofluoromethane	0.0010	U	0.0010	0.00041	mg/Kg			10/03/25 19:41	1
Vinyl chloride	0.0010	U	0.0010	0.00055	mg/Kg			10/03/25 19:41	1
Xylenes, Total	0.0020	U	0.0020	0.00017	mg/Kg			10/03/25 19:41	1

Surrogate	*MB %Recovery*	*MB Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,2-Dichloroethane-d4 (Surr)	*107*		*65 - 138*		*10/03/25 19:41*	*1*
4-Bromofluorobenzene	*98*		*71 - 128*		*10/03/25 19:41*	*1*
Dibromofluoromethane (Surr)	*119*		*50 - 150*		*10/03/25 19:41*	*1*
Toluene-d8 (Surr)	*97*		*71 - 126*		*10/03/25 19:41*	*1*

Lab Sample ID: LCS 460-1065774/3
Matrix: Solid
Analysis Batch: 1065774

Client Sample ID: Lab Control Sample
Prep Type: Total/NA

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
1,1,1-Trichloroethane	0.0200	0.0220		mg/Kg		110	78 - 120
1,1,2,2-Tetrachloroethane	0.0200	0.0191		mg/Kg		96	70 - 133
1,1,2-Trichloro-1,2,2-trifluoroethane	0.0200	0.0230		mg/Kg		115	75 - 121
1,1,2-Trichloroethane	0.0200	0.0190		mg/Kg		95	80 - 120
1,1-Dichloroethane	0.0200	0.0208		mg/Kg		104	72 - 120
1,1-Dichloroethene	0.0200	0.0218		mg/Kg		109	76 - 120
1,2,3-Trichlorobenzene	0.0200	0.0203		mg/Kg		101	77 - 137
1,2,4-Trichlorobenzene	0.0200	0.0199		mg/Kg		100	77 - 136
1,2,4-Trimethylbenzene	0.0200	0.0204		mg/Kg		102	75 - 120
1,2-Dibromo-3-Chloropropane	0.0200	0.0187		mg/Kg		93	80 - 124
1,2-Dichlorobenzene	0.0200	0.0212		mg/Kg		106	80 - 120
1,2-Dichloroethane	0.0200	0.0209		mg/Kg		104	70 - 123
1,2-Dichloropropane	0.0200	0.0195		mg/Kg		98	73 - 124
1,3,5-Trimethylbenzene	0.0200	0.0208		mg/Kg		104	70 - 120
1,3-Dichlorobenzene	0.0200	0.0208		mg/Kg		104	80 - 120
1,4-Dichlorobenzene	0.0200	0.0211		mg/Kg		105	80 - 120
2-Butanone (MEK)	0.100	0.0995		mg/Kg		100	64 - 128
2-Hexanone	0.100	0.103		mg/Kg		103	75 - 120
4-Methyl-2-pentanone (MIBK)	0.100	0.102		mg/Kg		102	80 - 120
Acetone	0.100	0.109		mg/Kg		109	58 - 122
Benzene	0.0200	0.0184		mg/Kg		92	75 - 120
Bromoform	0.0200	0.0194		mg/Kg		97	61 - 125
Bromomethane	0.0200	0.0136		mg/Kg		68	37 - 150
Carbon disulfide	0.0200	0.0198		mg/Kg		99	57 - 133
Carbon tetrachloride	0.0200	0.0216		mg/Kg		108	66 - 127

Method: 8260D - Volatile Organic Compounds by GC/MS (Continued)

Lab Sample ID: LCS 460-1065774/3
Matrix: Solid
Analysis Batch: 1065774

Client Sample ID: Lab Control Sample
Prep Type: Total/NA

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
Chlorobenzene	0.0200	0.0199		mg/Kg		99	80 - 120
Chlorobromomethane	0.0200	0.0212		mg/Kg		106	76 - 127
Chlorodibromomethane	0.0200	0.0190		mg/Kg		95	72 - 120
Chloroethane	0.0200	0.0205		mg/Kg		102	60 - 123
Chloroform	0.0200	0.0210		mg/Kg		105	79 - 126
Chloromethane	0.0200	0.0183		mg/Kg		91	46 - 122
cis-1,2-Dichloroethene	0.0200	0.0215		mg/Kg		108	80 - 123
cis-1,3-Dichloropropene	0.0200	0.0185		mg/Kg		92	75 - 120
Cyclohexane	0.0200	0.0220		mg/Kg		110	65 - 132
Dichlorobromomethane	0.0200	0.0207		mg/Kg		103	77 - 124
Dichlorodifluoromethane	0.0200	0.0194		mg/Kg		97	45 - 129
Ethylbenzene	0.0200	0.0211		mg/Kg		106	80 - 120
Ethylene Dibromide	0.0200	0.0197		mg/Kg		99	79 - 120
Isopropylbenzene	0.0200	0.0213		mg/Kg		107	74 - 120
Methyl acetate	0.0400	0.0398		mg/Kg		99	57 - 120
Methyl tert-butyl ether	0.0200	0.0192		mg/Kg		96	74 - 125
Methylcyclohexane	0.0200	0.0208		mg/Kg		104	66 - 125
Methylene Chloride	0.0200	0.0221		mg/Kg		111	78 - 120
m-Xylene & p-Xylene	0.0200	0.0215		mg/Kg		107	80 - 120
n-Butylbenzene	0.0200	0.0215		mg/Kg		108	72 - 120
N-Propylbenzene	0.0200	0.0208		mg/Kg		104	68 - 120
o-Xylene	0.0200	0.0212		mg/Kg		106	80 - 120
sec-Butylbenzene	0.0200	0.0211		mg/Kg		105	78 - 120
Styrene	0.0200	0.0203		mg/Kg		101	80 - 120
tert-Butylbenzene	0.0200	0.0209		mg/Kg		104	80 - 120
Tetrachloroethene	0.0200	0.0206		mg/Kg		103	73 - 120
Toluene	0.0200	0.0194		mg/Kg		97	80 - 120
trans-1,2-Dichloroethene	0.0200	0.0211		mg/Kg		105	78 - 120
trans-1,3-Dichloropropene	0.0200	0.0188		mg/Kg		94	77 - 120
Trichloroethene	0.0200	0.0207		mg/Kg		104	80 - 120
Trichlorofluoromethane	0.0200	0.0223		mg/Kg		111	61 - 130
Vinyl chloride	0.0200	0.0209		mg/Kg		105	54 - 122
Xylenes, Total	0.0400	0.0427		mg/Kg		107	80 - 120

Surrogate	*LCS %Recovery*	*LCS Qualifier*	*Limits*
1,2-Dichloroethane-d4 (Surr)	*102*		*65 - 138*
4-Bromofluorobenzene	*99*		*71 - 128*
Dibromofluoromethane (Surr)	*103*		*50 - 150*
Toluene-d8 (Surr)	*98*		*71 - 126*

Lab Sample ID: LCSD 460-1065774/4
Matrix: Solid
Analysis Batch: 1065774

Client Sample ID: Lab Control Sample Dup
Prep Type: Total/NA

Analyte	Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
1,1,1-Trichloroethane	0.0200	0.0221		mg/Kg		110	78 - 120	0	30
1,1,2,2-Tetrachloroethane	0.0200	0.0184		mg/Kg		92	70 - 133	4	30
1,1,2-Trichloro-1,2,2-trifluoroethane	0.0200	0.0230		mg/Kg		115	75 - 121	0	30

Method: 8260D - Volatile Organic Compounds by GC/MS (Continued)

Lab Sample ID: LCSD 460-1065774/4
Matrix: Solid
Analysis Batch: 1065774

Client Sample ID: Lab Control Sample Dup
Prep Type: Total/NA

Analyte	Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
1,1,2-Trichloroethane	0.0200	0.0185		mg/Kg		93	80 - 120	3	30
1,1-Dichloroethane	0.0200	0.0211		mg/Kg		106	72 - 120	2	30
1,1-Dichloroethene	0.0200	0.0217		mg/Kg		108	76 - 120	1	30
1,2,3-Trichlorobenzene	0.0200	0.0194		mg/Kg		97	77 - 137	4	30
1,2,4-Trichlorobenzene	0.0200	0.0195		mg/Kg		97	77 - 136	2	30
1,2,4-Trimethylbenzene	0.0200	0.0203		mg/Kg		101	75 - 120	1	30
1,2-Dibromo-3-Chloropropane	0.0200	0.0182		mg/Kg		91	80 - 124	3	30
1,2-Dichlorobenzene	0.0200	0.0207		mg/Kg		103	80 - 120	2	30
1,2-Dichloroethane	0.0200	0.0203		mg/Kg		102	70 - 123	3	30
1,2-Dichloropropane	0.0200	0.0189		mg/Kg		95	73 - 124	3	30
1,3,5-Trimethylbenzene	0.0200	0.0205		mg/Kg		102	70 - 120	2	30
1,3-Dichlorobenzene	0.0200	0.0198		mg/Kg		99	80 - 120	5	30
1,4-Dichlorobenzene	0.0200	0.0206		mg/Kg		103	80 - 120	2	30
2-Butanone (MEK)	0.100	0.0911		mg/Kg		91	64 - 128	9	30
2-Hexanone	0.100	0.0977		mg/Kg		98	75 - 120	5	30
4-Methyl-2-pentanone (MIBK)	0.100	0.0956		mg/Kg		96	80 - 120	7	30
Acetone	0.100	0.105		mg/Kg		105	58 - 122	4	30
Benzene	0.0200	0.0182		mg/Kg		91	75 - 120	1	30
Bromoform	0.0200	0.0181		mg/Kg		91	61 - 125	7	30
Bromomethane	0.0200	0.0174		mg/Kg		87	37 - 150	25	30
Carbon disulfide	0.0200	0.0199		mg/Kg		100	57 - 133	0	30
Carbon tetrachloride	0.0200	0.0215		mg/Kg		107	66 - 127	1	30
Chlorobenzene	0.0200	0.0198		mg/Kg		99	80 - 120	0	30
Chlorobromomethane	0.0200	0.0214		mg/Kg		107	76 - 127	1	30
Chlorodibromomethane	0.0200	0.0185		mg/Kg		93	72 - 120	3	30
Chloroethane	0.0200	0.0220		mg/Kg		110	60 - 123	7	30
Chloroform	0.0200	0.0206		mg/Kg		103	79 - 126	2	30
Chloromethane	0.0200	0.0199		mg/Kg		99	46 - 122	8	30
cis-1,2-Dichloroethene	0.0200	0.0210		mg/Kg		105	80 - 123	2	30
cis-1,3-Dichloropropene	0.0200	0.0178		mg/Kg		89	75 - 120	4	30
Cyclohexane	0.0200	0.0218		mg/Kg		109	65 - 132	1	30
Dichlorobromomethane	0.0200	0.0205		mg/Kg		103	77 - 124	1	30
Dichlorodifluoromethane	0.0200	0.0175		mg/Kg		87	45 - 129	10	30
Ethylbenzene	0.0200	0.0208		mg/Kg		104	80 - 120	2	30
Ethylene Dibromide	0.0200	0.0188		mg/Kg		94	79 - 120	5	30
Isopropylbenzene	0.0200	0.0211		mg/Kg		105	74 - 120	1	30
Methyl acetate	0.0400	0.0391		mg/Kg		98	57 - 120	2	30
Methyl tert-butyl ether	0.0200	0.0178		mg/Kg		89	74 - 125	8	30
Methylcyclohexane	0.0200	0.0214		mg/Kg		107	66 - 125	3	30
Methylene Chloride	0.0200	0.0218		mg/Kg		109	78 - 120	2	30
m-Xylene & p-Xylene	0.0200	0.0214		mg/Kg		107	80 - 120	0	30
n-Butylbenzene	0.0200	0.0211		mg/Kg		105	72 - 120	2	30
N-Propylbenzene	0.0200	0.0207		mg/Kg		104	68 - 120	0	30
o-Xylene	0.0200	0.0211		mg/Kg		105	80 - 120	0	30
sec-Butylbenzene	0.0200	0.0208		mg/Kg		104	78 - 120	1	30
Styrene	0.0200	0.0202		mg/Kg		101	80 - 120	0	30
tert-Butylbenzene	0.0200	0.0206		mg/Kg		103	80 - 120	1	30
Tetrachloroethene	0.0200	0.0202		mg/Kg		101	73 - 120	2	30
Toluene	0.0200	0.0191		mg/Kg		96	80 - 120	1	30

Method: 8260D - Volatile Organic Compounds by GC/MS (Continued)

Lab Sample ID: LCSD 460-1065774/4
Matrix: Solid
Analysis Batch: 1065774

Client Sample ID: Lab Control Sample Dup
Prep Type: Total/NA

Analyte			Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
trans-1,2-Dichloroethene			0.0200	0.0218		mg/Kg		109	78 - 120	3	30
trans-1,3-Dichloropropene			0.0200	0.0180		mg/Kg		90	77 - 120	5	30
Trichloroethene			0.0200	0.0205		mg/Kg		103	80 - 120	1	30
Trichlorofluoromethane			0.0200	0.0246		mg/Kg		123	61 - 130	10	30
Vinyl chloride			0.0200	0.0220		mg/Kg		110	54 - 122	5	30
Xylenes, Total			0.0400	0.0425		mg/Kg		106	80 - 120	0	30

Surrogate	*LCSD %Recovery*	*LCSD Qualifier*	*Limits*
1,2-Dichloroethane-d4 (Surr)	*103*		*65 - 138*
4-Bromofluorobenzene	*99*		*71 - 128*
Dibromofluoromethane (Surr)	*105*		*50 - 150*
Toluene-d8 (Surr)	*98*		*71 - 126*

Lab Sample ID: MB 460-1065795/8
Matrix: Solid
Analysis Batch: 1065795

Client Sample ID: Method Blank
Prep Type: Total/NA

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1-Trichloroethane	0.0010	U	0.0010	0.00023	mg/Kg			10/04/25 06:30	1
1,1,2,2-Tetrachloroethane	0.0010	U	0.0010	0.00052	mg/Kg			10/04/25 06:30	1
1,1,2-Trichloro-1,2,2-trifluoroethane	0.0010	U	0.0010	0.00030	mg/Kg			10/04/25 06:30	1
1,1,2-Trichloroethane	0.0010	U	0.0010	0.00060	mg/Kg			10/04/25 06:30	1
1,1-Dichloroethane	0.0010	U	0.0010	0.00060	mg/Kg			10/04/25 06:30	1
1,1-Dichloroethene	0.0010	U	0.0010	0.00023	mg/Kg			10/04/25 06:30	1
1,2,3-Trichlorobenzene	0.0010	U	0.0010	0.00074	mg/Kg			10/04/25 06:30	1
1,2,4-Trichlorobenzene	0.0010	U	0.0010	0.00036	mg/Kg			10/04/25 06:30	1
1,2,4-Trimethylbenzene	0.0010	U	0.0010	0.00025	mg/Kg			10/04/25 06:30	1
1,2-Dibromo-3-Chloropropane	0.0010	U	0.0010	0.00046	mg/Kg			10/04/25 06:30	1
1,2-Dichlorobenzene	0.0010	U	0.0010	0.00036	mg/Kg			10/04/25 06:30	1
1,2-Dichloroethane	0.0010	U	0.0010	0.00030	mg/Kg			10/04/25 06:30	1
1,2-Dichloropropane	0.0010	U	0.0010	0.00042	mg/Kg			10/04/25 06:30	1
1,3,5-Trimethylbenzene	0.0010	U	0.0010	0.00031	mg/Kg			10/04/25 06:30	1
1,3-Dichlorobenzene	0.0010	U	0.0010	0.00037	mg/Kg			10/04/25 06:30	1
1,4-Dichlorobenzene	0.0010	U	0.0010	0.00052	mg/Kg			10/04/25 06:30	1
2-Butanone (MEK)	0.0050	U	0.0050	0.00037	mg/Kg			10/04/25 06:30	1
2-Hexanone	0.0050	U	0.0050	0.0017	mg/Kg			10/04/25 06:30	1
4-Methyl-2-pentanone (MIBK)	0.0050	U	0.0050	0.0016	mg/Kg			10/04/25 06:30	1
Acetone	0.0060	U	0.0060	0.0057	mg/Kg			10/04/25 06:30	1
Benzene	0.0010	U	0.0010	0.00057	mg/Kg			10/04/25 06:30	1
Bromoform	0.0010	U	0.0010	0.00043	mg/Kg			10/04/25 06:30	1
Bromomethane	0.0020	U	0.0020	0.0010	mg/Kg			10/04/25 06:30	1
Carbon disulfide	0.0010	U	0.0010	0.00027	mg/Kg			10/04/25 06:30	1
Carbon tetrachloride	0.0010	U	0.0010	0.00039	mg/Kg			10/04/25 06:30	1
Chlorobenzene	0.0010	U	0.0010	0.00051	mg/Kg			10/04/25 06:30	1
Chlorobromomethane	0.0010	U	0.0010	0.00060	mg/Kg			10/04/25 06:30	1
Chlorodibromomethane	0.0010	U	0.0010	0.00054	mg/Kg			10/04/25 06:30	1
Chloroethane	0.0010	U	0.0010	0.00052	mg/Kg			10/04/25 06:30	1
Chloroform	0.0010	U	0.0010	0.00097	mg/Kg			10/04/25 06:30	1

Method: 8260D - Volatile Organic Compounds by GC/MS (Continued)

Lab Sample ID: MB 460-1065795/8
Matrix: Solid
Analysis Batch: 1065795

Client Sample ID: Method Blank
Prep Type: Total/NA

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloromethane	0.0010	U	0.0010	0.00044	mg/Kg			10/04/25 06:30	1
Chloromethane	0.0010	U	0.0010	0.00044	mg/Kg			10/04/25 06:30	1
cis-1,2-Dichloroethene	0.0010	U	0.0010	0.00036	mg/Kg			10/04/25 06:30	1
cis-1,3-Dichloropropene	0.0010	U	0.0010	0.00027	mg/Kg			10/04/25 06:30	1
Cyclohexane	0.0010	U	0.0010	0.00022	mg/Kg			10/04/25 06:30	1
Dichlorobromomethane	0.0010	U	0.0010	0.00026	mg/Kg			10/04/25 06:30	1
Dichlorodifluoromethane	0.0010	U	0.0010	0.00034	mg/Kg			10/04/25 06:30	1
Ethylbenzene	0.0010	U	0.0010	0.00047	mg/Kg			10/04/25 06:30	1
Ethylene Dibromide	0.0010	U	0.0010	0.00050	mg/Kg			10/04/25 06:30	1
Isopropylbenzene	0.0010	U	0.0010	0.00029	mg/Kg			10/04/25 06:30	1
Methyl acetate	0.0050	U	0.0050	0.0043	mg/Kg			10/04/25 06:30	1
Methyl tert-butyl ether	0.0010	U	0.0010	0.00051	mg/Kg			10/04/25 06:30	1
Methylcyclohexane	0.0010	U	0.0010	0.00050	mg/Kg			10/04/25 06:30	1
Methylene Chloride	0.0020	U	0.0020	0.0011	mg/Kg			10/04/25 06:30	1
m-Xylene & p-Xylene	0.0010	U	0.0010	0.00042	mg/Kg			10/04/25 06:30	1
n-Butylbenzene	0.0010	U	0.0010	0.00029	mg/Kg			10/04/25 06:30	1
N-Propylbenzene	0.0010	U	0.0010	0.00045	mg/Kg			10/04/25 06:30	1
o-Xylene	0.0010	U	0.0010	0.00046	mg/Kg			10/04/25 06:30	1
sec-Butylbenzene	0.0010	U	0.0010	0.00029	mg/Kg			10/04/25 06:30	1
Styrene	0.0010	U	0.0010	0.00028	mg/Kg			10/04/25 06:30	1
tert-Butylbenzene	0.0010	U	0.0010	0.00028	mg/Kg			10/04/25 06:30	1
Tetrachloroethene	0.0010	U	0.0010	0.00031	mg/Kg			10/04/25 06:30	1
Toluene	0.0010	U	0.0010	0.00023	mg/Kg			10/04/25 06:30	1
trans-1,2-Dichloroethene	0.0010	U	0.0010	0.00025	mg/Kg			10/04/25 06:30	1
trans-1,3-Dichloropropene	0.0010	U	0.0010	0.00027	mg/Kg			10/04/25 06:30	1
Trichloroethene	0.0010	U	0.0010	0.00032	mg/Kg			10/04/25 06:30	1
Trichlorofluoromethane	0.0010	U	0.0010	0.00041	mg/Kg			10/04/25 06:30	1
Vinyl chloride	0.0010	U	0.0010	0.00055	mg/Kg			10/04/25 06:30	1
Xylenes, Total	0.0020	U	0.0020	0.00017	mg/Kg			10/04/25 06:30	1

Surrogate	*MB %Recovery*	*MB Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,2-Dichloroethane-d4 (Surr)	*99*		*65 - 138*		*10/04/25 06:30*	*1*
4-Bromofluorobenzene	*100*		*71 - 128*		*10/04/25 06:30*	*1*
Dibromofluoromethane (Surr)	*109*		*50 - 150*		*10/04/25 06:30*	*1*
Toluene-d8 (Surr)	*97*		*71 - 126*		*10/04/25 06:30*	*1*

Lab Sample ID: LCS 460-1065795/3
Matrix: Solid
Analysis Batch: 1065795

Client Sample ID: Lab Control Sample
Prep Type: Total/NA

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
1,1,1-Trichloroethane	0.0200	0.0183		mg/Kg		92	78 - 120
1,1,2,2-Tetrachloroethane	0.0200	0.0192		mg/Kg		96	70 - 133
1,1,2-Trichloro-1,2,2-trifluoroethane	0.0200	0.0184		mg/Kg		92	75 - 121
1,1,2-Trichloroethane	0.0200	0.0200		mg/Kg		100	80 - 120
1,1-Dichloroethane	0.0200	0.0173		mg/Kg		87	72 - 120
1,1-Dichloroethene	0.0200	0.0168		mg/Kg		84	76 - 120
1,2,3-Trichlorobenzene	0.0200	0.0184		mg/Kg		92	77 - 137

Method: 8260D - Volatile Organic Compounds by GC/MS (Continued)

Lab Sample ID: LCS 460-1065795/3
Matrix: Solid
Analysis Batch: 1065795

Client Sample ID: Lab Control Sample
Prep Type: Total/NA

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
1,2,4-Trichlorobenzene	0.0200	0.0168		mg/Kg		84	77 - 136
1,2,4-Trimethylbenzene	0.0200	0.0175		mg/Kg		87	75 - 120
1,2-Dibromo-3-Chloropropane	0.0200	0.0172		mg/Kg		86	80 - 124
1,2-Dichlorobenzene	0.0200	0.0192		mg/Kg		96	80 - 120
1,2-Dichloroethane	0.0200	0.0189		mg/Kg		94	70 - 123
1,2-Dichloropropane	0.0200	0.0172		mg/Kg		86	73 - 124
1,3,5-Trimethylbenzene	0.0200	0.0175		mg/Kg		88	70 - 120
1,3-Dichlorobenzene	0.0200	0.0180		mg/Kg		90	80 - 120
1,4-Dichlorobenzene	0.0200	0.0180		mg/Kg		90	80 - 120
2-Butanone (MEK)	0.100	0.0994		mg/Kg		99	64 - 128
2-Hexanone	0.100	0.106		mg/Kg		106	75 - 120
4-Methyl-2-pentanone (MIBK)	0.100	0.112		mg/Kg		112	80 - 120
Acetone	0.100	0.0960		mg/Kg		96	58 - 122
Benzene	0.0200	0.0171		mg/Kg		86	75 - 120
Bromoform	0.0200	0.0194		mg/Kg		97	61 - 125
Bromomethane	0.0200	0.0151		mg/Kg		75	37 - 150
Carbon disulfide	0.0200	0.0151		mg/Kg		75	57 - 133
Carbon tetrachloride	0.0200	0.0179		mg/Kg		89	66 - 127
Chlorobenzene	0.0200	0.0179		mg/Kg		90	80 - 120
Chlorobromomethane	0.0200	0.0188		mg/Kg		94	76 - 127
Chlorodibromomethane	0.0200	0.0194		mg/Kg		97	72 - 120
Chloroethane	0.0200	0.0157		mg/Kg		79	60 - 123
Chloroform	0.0200	0.0179		mg/Kg		89	79 - 126
Chloromethane	0.0200	0.0142		mg/Kg		71	46 - 122
cis-1,2-Dichloroethene	0.0200	0.0177		mg/Kg		88	80 - 123
cis-1,3-Dichloropropene	0.0200	0.0179		mg/Kg		89	75 - 120
Cyclohexane	0.0200	0.0179		mg/Kg		89	65 - 132
Dichlorobromomethane	0.0200	0.0191		mg/Kg		95	77 - 124
Dichlorodifluoromethane	0.0200	0.0148		mg/Kg		74	45 - 129
Ethylbenzene	0.0200	0.0181		mg/Kg		90	80 - 120
Ethylene Dibromide	0.0200	0.0194		mg/Kg		97	79 - 120
Isopropylbenzene	0.0200	0.0178		mg/Kg		89	74 - 120
Methyl acetate	0.0400	0.0319		mg/Kg		80	57 - 120
Methyl tert-butyl ether	0.0200	0.0184		mg/Kg		92	74 - 125
Methylcyclohexane	0.0200	0.0175		mg/Kg		88	66 - 125
Methylene Chloride	0.0200	0.0185		mg/Kg		92	78 - 120
m-Xylene & p-Xylene	0.0200	0.0180		mg/Kg		90	80 - 120
n-Butylbenzene	0.0200	0.0168		mg/Kg		84	72 - 120
N-Propylbenzene	0.0200	0.0174		mg/Kg		87	68 - 120
o-Xylene	0.0200	0.0186		mg/Kg		93	80 - 120
sec-Butylbenzene	0.0200	0.0173		mg/Kg		86	78 - 120
Styrene	0.0200	0.0190		mg/Kg		95	80 - 120
tert-Butylbenzene	0.0200	0.0177		mg/Kg		88	80 - 120
Tetrachloroethene	0.0200	0.0180		mg/Kg		90	73 - 120
Toluene	0.0200	0.0172		mg/Kg		86	80 - 120
trans-1,2-Dichloroethene	0.0200	0.0172		mg/Kg		86	78 - 120
trans-1,3-Dichloropropene	0.0200	0.0183		mg/Kg		91	77 - 120
Trichloroethene	0.0200	0.0177		mg/Kg		89	80 - 120
Trichlorofluoromethane	0.0200	0.0186		mg/Kg		93	61 - 130

Method: 8260D - Volatile Organic Compounds by GC/MS (Continued)

Lab Sample ID: LCS 460-1065795/3
Matrix: Solid
Analysis Batch: 1065795

Client Sample ID: Lab Control Sample
Prep Type: Total/NA

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
Vinyl chloride	0.0200	0.0164		mg/Kg		82	54 - 122
Xylenes, Total	0.0400	0.0365		mg/Kg		91	80 - 120

Surrogate	*LCS %Recovery*	*LCS Qualifier*	*Limits*
1,2-Dichloroethane-d4 (Surr)	*100*		*65 - 138*
4-Bromofluorobenzene	*101*		*71 - 128*
Dibromofluoromethane (Surr)	*97*		*50 - 150*
Toluene-d8 (Surr)	*99*		*71 - 126*

Lab Sample ID: LCSD 460-1065795/4
Matrix: Solid
Analysis Batch: 1065795

Client Sample ID: Lab Control Sample Dup
Prep Type: Total/NA

Analyte	Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
1,1,1-Trichloroethane	0.0200	0.0195		mg/Kg		97	78 - 120	6	30
1,1,2,2-Tetrachloroethane	0.0200	0.0192		mg/Kg		96	70 - 133	0	30
1,1,2-Trichloro-1,2,2-trifluoroethane	0.0200	0.0198		mg/Kg		99	75 - 121	7	30
1,1,2-Trichloroethane	0.0200	0.0200		mg/Kg		100	80 - 120	0	30
1,1-Dichloroethane	0.0200	0.0183		mg/Kg		91	72 - 120	5	30
1,1-Dichloroethene	0.0200	0.0182		mg/Kg		91	76 - 120	8	30
1,2,3-Trichlorobenzene	0.0200	0.0194		mg/Kg		97	77 - 137	6	30
1,2,4-Trichlorobenzene	0.0200	0.0177		mg/Kg		89	77 - 136	5	30
1,2,4-Trimethylbenzene	0.0200	0.0188		mg/Kg		94	75 - 120	7	30
1,2-Dibromo-3-Chloropropane	0.0200	0.0178		mg/Kg		89	80 - 124	4	30
1,2-Dichlorobenzene	0.0200	0.0206		mg/Kg		103	80 - 120	7	30
1,2-Dichloroethane	0.0200	0.0197		mg/Kg		99	70 - 123	4	30
1,2-Dichloropropane	0.0200	0.0178		mg/Kg		89	73 - 124	4	30
1,3,5-Trimethylbenzene	0.0200	0.0188		mg/Kg		94	70 - 120	7	30
1,3-Dichlorobenzene	0.0200	0.0191		mg/Kg		95	80 - 120	6	30
1,4-Dichlorobenzene	0.0200	0.0193		mg/Kg		97	80 - 120	7	30
2-Butanone (MEK)	0.100	0.100		mg/Kg		100	64 - 128	1	30
2-Hexanone	0.100	0.109		mg/Kg		109	75 - 120	3	30
4-Methyl-2-pentanone (MIBK)	0.100	0.114		mg/Kg		114	80 - 120	1	30
Acetone	0.100	0.104		mg/Kg		104	58 - 122	8	30
Benzene	0.0200	0.0179		mg/Kg		90	75 - 120	4	30
Bromoform	0.0200	0.0198		mg/Kg		99	61 - 125	2	30
Bromomethane	0.0200	0.0151		mg/Kg		75	37 - 150	0	30
Carbon disulfide	0.0200	0.0163		mg/Kg		82	57 - 133	8	30
Carbon tetrachloride	0.0200	0.0190		mg/Kg		95	66 - 127	6	30
Chlorobenzene	0.0200	0.0190		mg/Kg		95	80 - 120	6	30
Chlorobromomethane	0.0200	0.0200		mg/Kg		100	76 - 127	6	30
Chlorodibromomethane	0.0200	0.0196		mg/Kg		98	72 - 120	1	30
Chloroethane	0.0200	0.0161		mg/Kg		81	60 - 123	2	30
Chloroform	0.0200	0.0187		mg/Kg		93	79 - 126	4	30
Chloromethane	0.0200	0.0142		mg/Kg		71	46 - 122	1	30
cis-1,2-Dichloroethene	0.0200	0.0187		mg/Kg		94	80 - 123	6	30
cis-1,3-Dichloropropene	0.0200	0.0186		mg/Kg		93	75 - 120	4	30
Cyclohexane	0.0200	0.0190		mg/Kg		95	65 - 132	6	30

Method: 8260D - Volatile Organic Compounds by GC/MS (Continued)

Lab Sample ID: LCSD 460-1065795/4
Matrix: Solid
Analysis Batch: 1065795

Client Sample ID: Lab Control Sample Dup
Prep Type: Total/NA

Analyte	Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Dichlorobromomethane	0.0200	0.0196		mg/Kg		98	77 - 124	3	30
Dichlorodifluoromethane	0.0200	0.0181		mg/Kg		90	45 - 129	20	30
Ethylbenzene	0.0200	0.0192		mg/Kg		96	80 - 120	6	30
Ethylene Dibromide	0.0200	0.0200		mg/Kg		100	79 - 120	3	30
Isopropylbenzene	0.0200	0.0192		mg/Kg		96	74 - 120	7	30
Methyl acetate	0.0400	0.0338		mg/Kg		85	57 - 120	6	30
Methyl tert-butyl ether	0.0200	0.0190		mg/Kg		95	74 - 125	3	30
Methylcyclohexane	0.0200	0.0191		mg/Kg		95	66 - 125	8	30
Methylene Chloride	0.0200	0.0195		mg/Kg		98	78 - 120	6	30
m-Xylene & p-Xylene	0.0200	0.0196		mg/Kg		98	80 - 120	9	30
n-Butylbenzene	0.0200	0.0179		mg/Kg		90	72 - 120	6	30
N-Propylbenzene	0.0200	0.0185		mg/Kg		93	68 - 120	6	30
o-Xylene	0.0200	0.0194		mg/Kg		97	80 - 120	4	30
sec-Butylbenzene	0.0200	0.0185		mg/Kg		92	78 - 120	7	30
Styrene	0.0200	0.0198		mg/Kg		99	80 - 120	4	30
tert-Butylbenzene	0.0200	0.0189		mg/Kg		95	80 - 120	7	30
Tetrachloroethene	0.0200	0.0192		mg/Kg		96	73 - 120	7	30
Toluene	0.0200	0.0181		mg/Kg		91	80 - 120	5	30
trans-1,2-Dichloroethene	0.0200	0.0180		mg/Kg		90	78 - 120	5	30
trans-1,3-Dichloropropene	0.0200	0.0189		mg/Kg		95	77 - 120	3	30
Trichloroethene	0.0200	0.0187		mg/Kg		93	80 - 120	5	30
Trichlorofluoromethane	0.0200	0.0186		mg/Kg		93	61 - 130	0	30
Vinyl chloride	0.0200	0.0164		mg/Kg		82	54 - 122	0	30
Xylenes, Total	0.0400	0.0390		mg/Kg		97	80 - 120	6	30

Surrogate	*LCSD %Recovery*	*LCSD Qualifier*	*Limits*
1,2-Dichloroethane-d4 (Surr)	*101*		*65 - 138*
4-Bromofluorobenzene	*102*		*71 - 128*
Dibromofluoromethane (Surr)	*98*		*50 - 150*
Toluene-d8 (Surr)	*99*		*71 - 126*

Lab Sample ID: MB 460-1065796/7
Matrix: Solid
Analysis Batch: 1065796

Client Sample ID: Method Blank
Prep Type: Total/NA

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1-Trichloroethane	0.0010	U	0.0010	0.00023	mg/Kg			10/04/25 16:56	1
1,1,2,2-Tetrachloroethane	0.0010	U	0.0010	0.00052	mg/Kg			10/04/25 16:56	1
1,1,2-Trichloro-1,2,2-trifluoroethane	0.0010	U	0.0010	0.00030	mg/Kg			10/04/25 16:56	1
1,1,2-Trichloroethane	0.0010	U	0.0010	0.00060	mg/Kg			10/04/25 16:56	1
1,1-Dichloroethane	0.0010	U	0.0010	0.00060	mg/Kg			10/04/25 16:56	1
1,1-Dichloroethene	0.0010	U	0.0010	0.00023	mg/Kg			10/04/25 16:56	1
1,2,3-Trichlorobenzene	0.0010	U	0.0010	0.00074	mg/Kg			10/04/25 16:56	1
1,2,4-Trichlorobenzene	0.0010	U	0.0010	0.00036	mg/Kg			10/04/25 16:56	1
1,2,4-Trimethylbenzene	0.0010	U	0.0010	0.00025	mg/Kg			10/04/25 16:56	1
1,2-Dibromo-3-Chloropropane	0.0010	U	0.0010	0.00046	mg/Kg			10/04/25 16:56	1
1,2-Dichlorobenzene	0.0010	U	0.0010	0.00036	mg/Kg			10/04/25 16:56	1
1,2-Dichloroethane	0.0010	U	0.0010	0.00030	mg/Kg			10/04/25 16:56	1

Method: 8260D - Volatile Organic Compounds by GC/MS (Continued)

Lab Sample ID: MB 460-1065796/7
Matrix: Solid
Analysis Batch: 1065796

Client Sample ID: Method Blank
Prep Type: Total/NA

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,2-Dichloropropane	0.0010	U	0.0010	0.00042	mg/Kg			10/04/25 16:56	1
1,2-Dichloropropane	0.0010	U	0.0010	0.00042	mg/Kg			10/04/25 16:56	1
1,3,5-Trimethylbenzene	0.0010	U	0.0010	0.00031	mg/Kg			10/04/25 16:56	1
1,3-Dichlorobenzene	0.0010	U	0.0010	0.00037	mg/Kg			10/04/25 16:56	1
1,4-Dichlorobenzene	0.0010	U	0.0010	0.00052	mg/Kg			10/04/25 16:56	1
2-Butanone (MEK)	0.0050	U	0.0050	0.00037	mg/Kg			10/04/25 16:56	1
2-Hexanone	0.0050	U	0.0050	0.0017	mg/Kg			10/04/25 16:56	1
4-Methyl-2-pentanone (MIBK)	0.0050	U	0.0050	0.0016	mg/Kg			10/04/25 16:56	1
Acetone	0.0060	U	0.0060	0.0057	mg/Kg			10/04/25 16:56	1
Benzene	0.0010	U	0.0010	0.00057	mg/Kg			10/04/25 16:56	1
Bromoform	0.0010	U	0.0010	0.00043	mg/Kg			10/04/25 16:56	1
Bromomethane	0.0020	U	0.0020	0.0010	mg/Kg			10/04/25 16:56	1
Carbon disulfide	0.0010	U	0.0010	0.00027	mg/Kg			10/04/25 16:56	1
Carbon tetrachloride	0.0010	U	0.0010	0.00039	mg/Kg			10/04/25 16:56	1
Chlorobenzene	0.0010	U	0.0010	0.00051	mg/Kg			10/04/25 16:56	1
Chlorobromomethane	0.0010	U	0.0010	0.00060	mg/Kg			10/04/25 16:56	1
Chlorodibromomethane	0.0010	U	0.0010	0.00054	mg/Kg			10/04/25 16:56	1
Chloroethane	0.0010	U	0.0010	0.00052	mg/Kg			10/04/25 16:56	1
Chloroform	0.0010	U	0.0010	0.00097	mg/Kg			10/04/25 16:56	1
Chloromethane	0.0010	U	0.0010	0.00044	mg/Kg			10/04/25 16:56	1
cis-1,2-Dichloroethene	0.0010	U	0.0010	0.00036	mg/Kg			10/04/25 16:56	1
cis-1,3-Dichloropropene	0.0010	U	0.0010	0.00027	mg/Kg			10/04/25 16:56	1
Cyclohexane	0.0010	U	0.0010	0.00022	mg/Kg			10/04/25 16:56	1
Dichlorobromomethane	0.0010	U	0.0010	0.00026	mg/Kg			10/04/25 16:56	1
Dichlorodifluoromethane	0.0010	U	0.0010	0.00034	mg/Kg			10/04/25 16:56	1
Ethylbenzene	0.0010	U	0.0010	0.00047	mg/Kg			10/04/25 16:56	1
Ethylene Dibromide	0.0010	U	0.0010	0.00050	mg/Kg			10/04/25 16:56	1
Isopropylbenzene	0.0010	U	0.0010	0.00029	mg/Kg			10/04/25 16:56	1
Methyl acetate	0.0050	U	0.0050	0.0043	mg/Kg			10/04/25 16:56	1
Methyl tert-butyl ether	0.0010	U	0.0010	0.00051	mg/Kg			10/04/25 16:56	1
Methylcyclohexane	0.0010	U	0.0010	0.00050	mg/Kg			10/04/25 16:56	1
Methylene Chloride	0.0020	U	0.0020	0.0011	mg/Kg			10/04/25 16:56	1
m-Xylene & p-Xylene	0.0010	U	0.0010	0.00042	mg/Kg			10/04/25 16:56	1
n-Butylbenzene	0.0010	U	0.0010	0.00029	mg/Kg			10/04/25 16:56	1
N-Propylbenzene	0.0010	U	0.0010	0.00045	mg/Kg			10/04/25 16:56	1
o-Xylene	0.0010	U	0.0010	0.00046	mg/Kg			10/04/25 16:56	1
sec-Butylbenzene	0.0010	U	0.0010	0.00029	mg/Kg			10/04/25 16:56	1
Styrene	0.0010	U	0.0010	0.00028	mg/Kg			10/04/25 16:56	1
tert-Butylbenzene	0.0010	U	0.0010	0.00028	mg/Kg			10/04/25 16:56	1
Tetrachloroethene	0.0010	U	0.0010	0.00031	mg/Kg			10/04/25 16:56	1
Toluene	0.0010	U	0.0010	0.00023	mg/Kg			10/04/25 16:56	1
trans-1,2-Dichloroethene	0.0010	U	0.0010	0.00025	mg/Kg			10/04/25 16:56	1
trans-1,3-Dichloropropene	0.0010	U	0.0010	0.00027	mg/Kg			10/04/25 16:56	1
Trichloroethene	0.0010	U	0.0010	0.00032	mg/Kg			10/04/25 16:56	1
Trichlorofluoromethane	0.0010	U	0.0010	0.00041	mg/Kg			10/04/25 16:56	1
Vinyl chloride	0.0010	U	0.0010	0.00055	mg/Kg			10/04/25 16:56	1
Xylenes, Total	0.0020	U	0.0020	0.00017	mg/Kg			10/04/25 16:56	1

Method: 8260D - Volatile Organic Compounds by GC/MS (Continued)

Lab Sample ID: MB 460-1065796/7
Matrix: Solid
Analysis Batch: 1065796

Client Sample ID: Method Blank
Prep Type: Total/NA

Surrogate	MB %Recovery	MB Qualifier	Limits	Prepared	Analyzed	Dil Fac
1,2-Dichloroethane-d4 (Surr)	108		65 - 138		10/04/25 16:56	1
4-Bromofluorobenzene	98		71 - 128		10/04/25 16:56	1
Dibromofluoromethane (Surr)	117		50 - 150		10/04/25 16:56	1
Toluene-d8 (Surr)	96		71 - 126		10/04/25 16:56	1

Lab Sample ID: LCS 460-1065796/3
Matrix: Solid
Analysis Batch: 1065796

Client Sample ID: Lab Control Sample
Prep Type: Total/NA

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
1,1,1-Trichloroethane	0.0200	0.0186		mg/Kg		93	78 - 120
1,1,2,2-Tetrachloroethane	0.0200	0.0179		mg/Kg		90	70 - 133
1,1,2-Trichloro-1,2,2-trifluoroethane	0.0200	0.0188		mg/Kg		94	75 - 121
1,1,2-Trichloroethane	0.0200	0.0188		mg/Kg		94	80 - 120
1,1-Dichloroethane	0.0200	0.0177		mg/Kg		88	72 - 120
1,1-Dichloroethene	0.0200	0.0175		mg/Kg		88	76 - 120
1,2,3-Trichlorobenzene	0.0200	0.0176		mg/Kg		88	77 - 137
1,2,4-Trichlorobenzene	0.0200	0.0157		mg/Kg		79	77 - 136
1,2,4-Trimethylbenzene	0.0200	0.0169		mg/Kg		85	75 - 120
1,2-Dibromo-3-Chloropropane	0.0200	0.0174		mg/Kg		87	80 - 124
1,2-Dichlorobenzene	0.0200	0.0189		mg/Kg		95	80 - 120
1,2-Dichloroethane	0.0200	0.0191		mg/Kg		95	70 - 123
1,2-Dichloropropane	0.0200	0.0171		mg/Kg		85	73 - 124
1,3,5-Trimethylbenzene	0.0200	0.0172		mg/Kg		86	70 - 120
1,3-Dichlorobenzene	0.0200	0.0173		mg/Kg		86	80 - 120
1,4-Dichlorobenzene	0.0200	0.0175		mg/Kg		88	80 - 120
2-Butanone (MEK)	0.100	0.102		mg/Kg		102	64 - 128
2-Hexanone	0.100	0.109		mg/Kg		109	75 - 120
4-Methyl-2-pentanone (MIBK)	0.100	0.111		mg/Kg		111	80 - 120
Acetone	0.100	0.101		mg/Kg		101	58 - 122
Benzene	0.0200	0.0169		mg/Kg		84	75 - 120
Bromoform	0.0200	0.0188		mg/Kg		94	61 - 125
Bromomethane	0.0200	0.0162		mg/Kg		81	37 - 150
Carbon disulfide	0.0200	0.0155		mg/Kg		78	57 - 133
Carbon tetrachloride	0.0200	0.0181		mg/Kg		90	66 - 127
Chlorobenzene	0.0200	0.0177		mg/Kg		88	80 - 120
Chlorobromomethane	0.0200	0.0195		mg/Kg		98	76 - 127
Chlorodibromomethane	0.0200	0.0184		mg/Kg		92	72 - 120
Chloroethane	0.0200	0.0177		mg/Kg		89	60 - 123
Chloroform	0.0200	0.0184		mg/Kg		92	79 - 126
Chloromethane	0.0200	0.0152		mg/Kg		76	46 - 122
cis-1,2-Dichloroethene	0.0200	0.0185		mg/Kg		93	80 - 123
cis-1,3-Dichloropropene	0.0200	0.0169		mg/Kg		84	75 - 120
Cyclohexane	0.0200	0.0181		mg/Kg		90	65 - 132
Dichlorobromomethane	0.0200	0.0190		mg/Kg		95	77 - 124
Dichlorodifluoromethane	0.0200	0.0163		mg/Kg		81	45 - 129
Ethylbenzene	0.0200	0.0180		mg/Kg		90	80 - 120
Ethylene Dibromide	0.0200	0.0192		mg/Kg		96	79 - 120

Method: 8260D - Volatile Organic Compounds by GC/MS (Continued)

Lab Sample ID: LCS 460-1065796/3
Matrix: Solid
Analysis Batch: 1065796

Client Sample ID: Lab Control Sample
Prep Type: Total/NA

Analyte			Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits		
Isopropylbenzene			0.0200	0.0179		mg/Kg		90	74 - 120		
Methyl acetate			0.0400	0.0315		mg/Kg		79	57 - 120		
Methyl tert-butyl ether			0.0200	0.0178		mg/Kg		89	74 - 125		
Methylcyclohexane			0.0200	0.0176		mg/Kg		88	66 - 125		
Methylene Chloride			0.0200	0.0191		mg/Kg		96	78 - 120		
m-Xylene & p-Xylene			0.0200	0.0180		mg/Kg		90	80 - 120		
n-Butylbenzene			0.0200	0.0160		mg/Kg		80	72 - 120		
N-Propylbenzene			0.0200	0.0170		mg/Kg		85	68 - 120		
o-Xylene			0.0200	0.0184		mg/Kg		92	80 - 120		
sec-Butylbenzene			0.0200	0.0171		mg/Kg		86	78 - 120		
Styrene			0.0200	0.0177		mg/Kg		88	80 - 120		
tert-Butylbenzene			0.0200	0.0174		mg/Kg		87	80 - 120		
Tetrachloroethene			0.0200	0.0175		mg/Kg		87	73 - 120		
Toluene			0.0200	0.0170		mg/Kg		85	80 - 120		
trans-1,2-Dichloroethene			0.0200	0.0174		mg/Kg		87	78 - 120		
trans-1,3-Dichloropropene			0.0200	0.0166		mg/Kg		83	77 - 120		
Trichloroethene			0.0200	0.0179		mg/Kg		89	80 - 120		
Trichlorofluoromethane			0.0200	0.0201		mg/Kg		101	61 - 130		
Vinyl chloride			0.0200	0.0172		mg/Kg		86	54 - 122		
Xylenes, Total			0.0400	0.0363		mg/Kg		91	80 - 120		

Surrogate	*LCS %Recovery*	*LCS Qualifier*	*Limits*
1,2-Dichloroethane-d4 (Surr)	*101*		*65 - 138*
4-Bromofluorobenzene	*99*		*71 - 128*
Dibromofluoromethane (Surr)	*99*		*50 - 150*
Toluene-d8 (Surr)	*98*		*71 - 126*

Lab Sample ID: LCSD 460-1065796/4
Matrix: Solid
Analysis Batch: 1065796

Client Sample ID: Lab Control Sample Dup
Prep Type: Total/NA

Analyte			Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
1,1,1-Trichloroethane			0.0200	0.0193		mg/Kg		96	78 - 120	3	30
1,1,2,2-Tetrachloroethane			0.0200	0.0173		mg/Kg		87	70 - 133	3	30
1,1,2-Trichloro-1,2,2-trifluoroethane			0.0200	0.0195		mg/Kg		97	75 - 121	4	30
1,1,2-Trichloroethane			0.0200	0.0192		mg/Kg		96	80 - 120	2	30
1,1-Dichloroethane			0.0200	0.0187		mg/Kg		94	72 - 120	6	30
1,1-Dichloroethene			0.0200	0.0184		mg/Kg		92	76 - 120	5	30
1,2,3-Trichlorobenzene			0.0200	0.0177		mg/Kg		88	77 - 137	1	30
1,2,4-Trichlorobenzene			0.0200	0.0163		mg/Kg		81	77 - 136	3	30
1,2,4-Trimethylbenzene			0.0200	0.0174		mg/Kg		87	75 - 120	3	30
1,2-Dibromo-3-Chloropropane			0.0200	0.0168		mg/Kg		84	80 - 124	4	30
1,2-Dichlorobenzene			0.0200	0.0193		mg/Kg		97	80 - 120	2	30
1,2-Dichloroethane			0.0200	0.0194		mg/Kg		97	70 - 123	2	30
1,2-Dichloropropane			0.0200	0.0176		mg/Kg		88	73 - 124	3	30
1,3,5-Trimethylbenzene			0.0200	0.0175		mg/Kg		88	70 - 120	2	30
1,3-Dichlorobenzene			0.0200	0.0178		mg/Kg		89	80 - 120	3	30
1,4-Dichlorobenzene			0.0200	0.0177		mg/Kg		89	80 - 120	1	30

Method: 8260D - Volatile Organic Compounds by GC/MS (Continued)

Lab Sample ID: LCSD 460-1065796/4
Matrix: Solid
Analysis Batch: 1065796

Client Sample ID: Lab Control Sample Dup
Prep Type: Total/NA

Analyte			Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
2-Butanone (MEK)			0.100	0.101		mg/Kg		101	64 - 128	1	30
2-Hexanone			0.100	0.114		mg/Kg		114	75 - 120	5	30
4-Methyl-2-pentanone (MIBK)			0.100	0.117		mg/Kg		117	80 - 120	5	30
Acetone			0.100	0.111		mg/Kg		111	58 - 122	9	30
Benzene			0.0200	0.0169		mg/Kg		84	75 - 120	0	30
Bromoform			0.0200	0.0182		mg/Kg		91	61 - 125	3	30
Bromomethane			0.0200	0.0206		mg/Kg		103	37 - 150	24	30
Carbon disulfide			0.0200	0.0164		mg/Kg		82	57 - 133	5	30
Carbon tetrachloride			0.0200	0.0185		mg/Kg		92	66 - 127	2	30
Chlorobenzene			0.0200	0.0182		mg/Kg		91	80 - 120	3	30
Chlorobromomethane			0.0200	0.0199		mg/Kg		99	76 - 127	2	30
Chlorodibromomethane			0.0200	0.0185		mg/Kg		93	72 - 120	1	30
Chloroethane			0.0200	0.0178		mg/Kg		89	60 - 123	0	30
Chloroform			0.0200	0.0193		mg/Kg		96	79 - 126	5	30
Chloromethane			0.0200	0.0151		mg/Kg		75	46 - 122	1	30
cis-1,2-Dichloroethene			0.0200	0.0193		mg/Kg		97	80 - 123	4	30
cis-1,3-Dichloropropene			0.0200	0.0164		mg/Kg		82	75 - 120	3	30
Cyclohexane			0.0200	0.0187		mg/Kg		94	65 - 132	4	30
Dichlorobromomethane			0.0200	0.0192		mg/Kg		96	77 - 124	1	30
Dichlorodifluoromethane			0.0200	0.0165		mg/Kg		82	45 - 129	1	30
Ethylbenzene			0.0200	0.0183		mg/Kg		92	80 - 120	2	30
Ethylene Dibromide			0.0200	0.0188		mg/Kg		94	79 - 120	2	30
Isopropylbenzene			0.0200	0.0182		mg/Kg		91	74 - 120	2	30
Methyl acetate			0.0400	0.0320		mg/Kg		80	57 - 120	1	30
Methyl tert-butyl ether			0.0200	0.0175		mg/Kg		88	74 - 125	2	30
Methylcyclohexane			0.0200	0.0178		mg/Kg		89	66 - 125	2	30
Methylene Chloride			0.0200	0.0198		mg/Kg		99	78 - 120	3	30
m-Xylene & p-Xylene			0.0200	0.0185		mg/Kg		92	80 - 120	3	30
n-Butylbenzene			0.0200	0.0162		mg/Kg		81	72 - 120	2	30
N-Propylbenzene			0.0200	0.0176		mg/Kg		88	68 - 120	4	30
o-Xylene			0.0200	0.0187		mg/Kg		93	80 - 120	2	30
sec-Butylbenzene			0.0200	0.0171		mg/Kg		85	78 - 120	0	30
Styrene			0.0200	0.0178		mg/Kg		89	80 - 120	1	30
tert-Butylbenzene			0.0200	0.0177		mg/Kg		89	80 - 120	2	30
Tetrachloroethene			0.0200	0.0180		mg/Kg		90	73 - 120	3	30
Toluene			0.0200	0.0173		mg/Kg		86	80 - 120	2	30
trans-1,2-Dichloroethene			0.0200	0.0186		mg/Kg		93	78 - 120	6	30
trans-1,3-Dichloropropene			0.0200	0.0166		mg/Kg		83	77 - 120	0	30
Trichloroethene			0.0200	0.0184		mg/Kg		92	80 - 120	3	30
Trichlorofluoromethane			0.0200	0.0202		mg/Kg		101	61 - 130	0	30
Vinyl chloride			0.0200	0.0177		mg/Kg		89	54 - 122	3	30
Xylenes, Total			0.0400	0.0372		mg/Kg		93	80 - 120	2	30

Surrogate	*LCSD %Recovery*	*LCSD Qualifier*	*Limits*
1,2-Dichloroethane-d4 (Surr)	*103*		*65 - 138*
4-Bromofluorobenzene	*101*		*71 - 128*
Dibromofluoromethane (Surr)	*103*		*50 - 150*
Toluene-d8 (Surr)	*98*		*71 - 126*

Method: 8260D - Volatile Organic Compounds by GC/MS (Continued)

Lab Sample ID: MB 460-1065959/6
Matrix: Solid
Analysis Batch: 1065959

Client Sample ID: Method Blank
Prep Type: Total/NA

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1-Trichloroethane	0.0010	U	0.0010	0.00023	mg/Kg			10/05/25 14:30	1
1,1,2,2-Tetrachloroethane	0.0010	U	0.0010	0.00052	mg/Kg			10/05/25 14:30	1
1,1,2-Trichloro-1,2,2-trifluoroethane	0.0010	U	0.0010	0.00030	mg/Kg			10/05/25 14:30	1
1,1,2-Trichloroethane	0.0010	U	0.0010	0.00060	mg/Kg			10/05/25 14:30	1
1,1-Dichloroethane	0.0010	U	0.0010	0.00060	mg/Kg			10/05/25 14:30	1
1,1-Dichloroethene	0.0010	U	0.0010	0.00023	mg/Kg			10/05/25 14:30	1
1,2,3-Trichlorobenzene	0.0010	U	0.0010	0.00074	mg/Kg			10/05/25 14:30	1
1,2,4-Trichlorobenzene	0.0010	U	0.0010	0.00036	mg/Kg			10/05/25 14:30	1
1,2,4-Trimethylbenzene	0.0010	U	0.0010	0.00025	mg/Kg			10/05/25 14:30	1
1,2-Dibromo-3-Chloropropane	0.0010	U	0.0010	0.00046	mg/Kg			10/05/25 14:30	1
1,2-Dichlorobenzene	0.0010	U	0.0010	0.00036	mg/Kg			10/05/25 14:30	1
1,2-Dichloroethane	0.0010	U	0.0010	0.00030	mg/Kg			10/05/25 14:30	1
1,2-Dichloropropane	0.0010	U	0.0010	0.00042	mg/Kg			10/05/25 14:30	1
1,3,5-Trimethylbenzene	0.0010	U	0.0010	0.00031	mg/Kg			10/05/25 14:30	1
1,3-Dichlorobenzene	0.0010	U	0.0010	0.00037	mg/Kg			10/05/25 14:30	1
1,4-Dichlorobenzene	0.0010	U	0.0010	0.00052	mg/Kg			10/05/25 14:30	1
2-Butanone (MEK)	0.0050	U	0.0050	0.00037	mg/Kg			10/05/25 14:30	1
2-Hexanone	0.0050	U	0.0050	0.0017	mg/Kg			10/05/25 14:30	1
4-Methyl-2-pentanone (MIBK)	0.0050	U	0.0050	0.0016	mg/Kg			10/05/25 14:30	1
Acetone	0.0060	U	0.0060	0.0057	mg/Kg			10/05/25 14:30	1
Benzene	0.0010	U	0.0010	0.00057	mg/Kg			10/05/25 14:30	1
Bromoform	0.0010	U	0.0010	0.00043	mg/Kg			10/05/25 14:30	1
Bromomethane	0.0020	U	0.0020	0.0010	mg/Kg			10/05/25 14:30	1
Carbon disulfide	0.0010	U	0.0010	0.00027	mg/Kg			10/05/25 14:30	1
Carbon tetrachloride	0.0010	U	0.0010	0.00039	mg/Kg			10/05/25 14:30	1
Chlorobenzene	0.0010	U	0.0010	0.00051	mg/Kg			10/05/25 14:30	1
Chlorobromomethane	0.0010	U	0.0010	0.00060	mg/Kg			10/05/25 14:30	1
Chlorodibromomethane	0.0010	U	0.0010	0.00054	mg/Kg			10/05/25 14:30	1
Chloroethane	0.0010	U	0.0010	0.00052	mg/Kg			10/05/25 14:30	1
Chloroform	0.0010	U	0.0010	0.00097	mg/Kg			10/05/25 14:30	1
Chloromethane	0.0010	U	0.0010	0.00044	mg/Kg			10/05/25 14:30	1
cis-1,2-Dichloroethene	0.0010	U	0.0010	0.00036	mg/Kg			10/05/25 14:30	1
cis-1,3-Dichloropropene	0.0010	U	0.0010	0.00027	mg/Kg			10/05/25 14:30	1
Cyclohexane	0.0010	U	0.0010	0.00022	mg/Kg			10/05/25 14:30	1
Dichlorobromomethane	0.0010	U	0.0010	0.00026	mg/Kg			10/05/25 14:30	1
Dichlorodifluoromethane	0.0010	U	0.0010	0.00034	mg/Kg			10/05/25 14:30	1
Ethylbenzene	0.0010	U	0.0010	0.00047	mg/Kg			10/05/25 14:30	1
Ethylene Dibromide	0.0010	U	0.0010	0.00050	mg/Kg			10/05/25 14:30	1
Isopropylbenzene	0.0010	U	0.0010	0.00029	mg/Kg			10/05/25 14:30	1
Methyl acetate	0.0050	U	0.0050	0.0043	mg/Kg			10/05/25 14:30	1
Methyl tert-butyl ether	0.0010	U	0.0010	0.00051	mg/Kg			10/05/25 14:30	1
Methylcyclohexane	0.0010	U	0.0010	0.00050	mg/Kg			10/05/25 14:30	1
Methylene Chloride	0.0020	U	0.0020	0.0011	mg/Kg			10/05/25 14:30	1
m-Xylene & p-Xylene	0.0010	U	0.0010	0.00042	mg/Kg			10/05/25 14:30	1
n-Butylbenzene	0.0010	U	0.0010	0.00029	mg/Kg			10/05/25 14:30	1
N-Propylbenzene	0.0010	U	0.0010	0.00045	mg/Kg			10/05/25 14:30	1
o-Xylene	0.0010	U	0.0010	0.00046	mg/Kg			10/05/25 14:30	1
sec-Butylbenzene	0.0010	U	0.0010	0.00029	mg/Kg			10/05/25 14:30	1

Method: 8260D - Volatile Organic Compounds by GC/MS (Continued)

Lab Sample ID: MB 460-1065959/6
Matrix: Solid
Analysis Batch: 1065959

Client Sample ID: Method Blank
Prep Type: Total/NA

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Styrene	0.0010	U	0.0010	0.00028	mg/Kg			10/05/25 14:30	1
Styrene	0.0010	U	0.0010	0.00028	mg/Kg			10/05/25 14:30	1
tert-Butylbenzene	0.0010	U	0.0010	0.00028	mg/Kg			10/05/25 14:30	1
Tetrachloroethene	0.0010	U	0.0010	0.00031	mg/Kg			10/05/25 14:30	1
Toluene	0.0010	U	0.0010	0.00023	mg/Kg			10/05/25 14:30	1
trans-1,2-Dichloroethene	0.0010	U	0.0010	0.00025	mg/Kg			10/05/25 14:30	1
trans-1,3-Dichloropropene	0.0010	U	0.0010	0.00027	mg/Kg			10/05/25 14:30	1
Trichloroethene	0.0010	U	0.0010	0.00032	mg/Kg			10/05/25 14:30	1
Trichlorofluoromethane	0.0010	U	0.0010	0.00041	mg/Kg			10/05/25 14:30	1
Vinyl chloride	0.0010	U	0.0010	0.00055	mg/Kg			10/05/25 14:30	1
Xylenes, Total	0.0020	U	0.0020	0.00017	mg/Kg			10/05/25 14:30	1

Surrogate	*MB %Recovery*	*MB Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,2-Dichloroethane-d4 (Surr)	*109*		*65 - 138*		*10/05/25 14:30*	*1*
4-Bromofluorobenzene	*97*		*71 - 128*		*10/05/25 14:30*	*1*
Dibromofluoromethane (Surr)	*114*		*50 - 150*		*10/05/25 14:30*	*1*
Toluene-d8 (Surr)	*95*		*71 - 126*		*10/05/25 14:30*	*1*

Lab Sample ID: LCS 460-1065959/3
Matrix: Solid
Analysis Batch: 1065959

Client Sample ID: Lab Control Sample
Prep Type: Total/NA

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
1,1,1-Trichloroethane	0.0200	0.0164		mg/Kg		82	78 - 120
1,1,2,2-Tetrachloroethane	0.0200	0.0182		mg/Kg		91	70 - 133
1,1,2-Trichloro-1,2,2-trifluoroethane	0.0200	0.0155		mg/Kg		78	75 - 121
1,1,2-Trichloroethane	0.0200	0.0200		mg/Kg		100	80 - 120
1,1-Dichloroethane	0.0200	0.0163		mg/Kg		82	72 - 120
1,1-Dichloroethene	0.0200	0.0148	*	mg/Kg		74	76 - 120
1,2,3-Trichlorobenzene	0.0200	0.0181		mg/Kg		90	77 - 137
1,2,4-Trichlorobenzene	0.0200	0.0163		mg/Kg		82	77 - 136
1,2,4-Trimethylbenzene	0.0200	0.0167		mg/Kg		83	75 - 120
1,2-Dibromo-3-Chloropropane	0.0200	0.0175		mg/Kg		88	80 - 124
1,2-Dichlorobenzene	0.0200	0.0192		mg/Kg		96	80 - 120
1,2-Dichloroethane	0.0200	0.0188		mg/Kg		94	70 - 123
1,2-Dichloropropane	0.0200	0.0170		mg/Kg		85	73 - 124
1,3,5-Trimethylbenzene	0.0200	0.0165		mg/Kg		83	70 - 120
1,3-Dichlorobenzene	0.0200	0.0172		mg/Kg		86	80 - 120
1,4-Dichlorobenzene	0.0200	0.0180		mg/Kg		90	80 - 120
2-Butanone (MEK)	0.100	0.104		mg/Kg		104	64 - 128
2-Hexanone	0.100	0.111		mg/Kg		111	75 - 120
4-Methyl-2-pentanone (MIBK)	0.100	0.114		mg/Kg		114	80 - 120
Acetone	0.100	0.102		mg/Kg		102	58 - 122
Benzene	0.0200	0.0163		mg/Kg		82	75 - 120
Bromoform	0.0200	0.0198		mg/Kg		99	61 - 125
Bromomethane	0.0200	0.0130		mg/Kg		65	37 - 150
Carbon disulfide	0.0200	0.0128		mg/Kg		64	57 - 133
Carbon tetrachloride	0.0200	0.0153		mg/Kg		77	66 - 127

Method: 8260D - Volatile Organic Compounds by GC/MS (Continued)

Lab Sample ID: LCS 460-1065959/3
Matrix: Solid
Analysis Batch: 1065959

Client Sample ID: Lab Control Sample
Prep Type: Total/NA

Analyte			Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits		
Chlorobenzene			0.0200	0.0175		mg/Kg		88	80 - 120		
Chlorobromomethane			0.0200	0.0190		mg/Kg		95	76 - 127		
Chlorodibromomethane			0.0200	0.0195		mg/Kg		98	72 - 120		
Chloroethane			0.0200	0.0145		mg/Kg		73	60 - 123		
Chloroform			0.0200	0.0170		mg/Kg		85	79 - 126		
Chloromethane			0.0200	0.0126		mg/Kg		63	46 - 122		
cis-1,2-Dichloroethene			0.0200	0.0177		mg/Kg		89	80 - 123		
cis-1,3-Dichloropropene			0.0200	0.0168		mg/Kg		84	75 - 120		
Cyclohexane			0.0200	0.0149		mg/Kg		74	65 - 132		
Dichlorobromomethane			0.0200	0.0181		mg/Kg		91	77 - 124		
Dichlorodifluoromethane			0.0200	0.0147		mg/Kg		73	45 - 129		
Ethylbenzene			0.0200	0.0171		mg/Kg		85	80 - 120		
Ethylene Dibromide			0.0200	0.0201		mg/Kg		100	79 - 120		
Isopropylbenzene			0.0200	0.0165		mg/Kg		83	74 - 120		
Methyl acetate			0.0400	0.0367		mg/Kg		92	57 - 120		
Methyl tert-butyl ether			0.0200	0.0185		mg/Kg		92	74 - 125		
Methylcyclohexane			0.0200	0.0148		mg/Kg		74	66 - 125		
Methylene Chloride			0.0200	0.0187		mg/Kg		93	78 - 120		
m-Xylene & p-Xylene			0.0200	0.0170		mg/Kg		85	80 - 120		
n-Butylbenzene			0.0200	0.0152		mg/Kg		76	72 - 120		
N-Propylbenzene			0.0200	0.0163		mg/Kg		81	68 - 120		
o-Xylene			0.0200	0.0177		mg/Kg		89	80 - 120		
sec-Butylbenzene			0.0200	0.0159		mg/Kg		79	78 - 120		
Styrene			0.0200	0.0173		mg/Kg		87	80 - 120		
tert-Butylbenzene			0.0200	0.0163		mg/Kg		81	80 - 120		
Tetrachloroethene			0.0200	0.0160		mg/Kg		80	73 - 120		
Toluene			0.0200	0.0163		mg/Kg		82	80 - 120		
trans-1,2-Dichloroethene			0.0200	0.0156		mg/Kg		78	78 - 120		
trans-1,3-Dichloropropene			0.0200	0.0172		mg/Kg		86	77 - 120		
Trichloroethene			0.0200	0.0166		mg/Kg		83	80 - 120		
Trichlorofluoromethane			0.0200	0.0149		mg/Kg		74	61 - 130		
Vinyl chloride			0.0200	0.0134		mg/Kg		67	54 - 122		
Xylenes, Total			0.0400	0.0348		mg/Kg		87	80 - 120		

Surrogate	*LCS %Recovery*	*LCS Qualifier*	*Limits*
1,2-Dichloroethane-d4 (Surr)	*99*		*65 - 138*
4-Bromofluorobenzene	*100*		*71 - 128*
Dibromofluoromethane (Surr)	*95*		*50 - 150*
Toluene-d8 (Surr)	*98*		*71 - 126*

Lab Sample ID: LCSD 460-1065959/4
Matrix: Solid
Analysis Batch: 1065959

Client Sample ID: Lab Control Sample Dup
Prep Type: Total/NA

Analyte			Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
1,1,1-Trichloroethane			0.0200	0.0178		mg/Kg		89	78 - 120	8	30
1,1,2,2-Tetrachloroethane			0.0200	0.0188		mg/Kg		94	70 - 133	3	30
1,1,2-Trichloro-1,2,2-trifluoroethane			0.0200	0.0178		mg/Kg		89	75 - 121	14	30

Method: 8260D - Volatile Organic Compounds by GC/MS (Continued)

Lab Sample ID: LCSD 460-1065959/4
Matrix: Solid
Analysis Batch: 1065959

Client Sample ID: Lab Control Sample Dup
Prep Type: Total/NA

Analyte	Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
1,1,2-Trichloroethane	0.0200	0.0201		mg/Kg		100	80 - 120	0	30
1,1-Dichloroethane	0.0200	0.0171		mg/Kg		86	72 - 120	5	30
1,1-Dichloroethene	0.0200	0.0165		mg/Kg		83	76 - 120	11	30
1,2,3-Trichlorobenzene	0.0200	0.0187		mg/Kg		93	77 - 137	3	30
1,2,4-Trichlorobenzene	0.0200	0.0172		mg/Kg		86	77 - 136	5	30
1,2,4-Trimethylbenzene	0.0200	0.0179		mg/Kg		90	75 - 120	7	30
1,2-Dibromo-3-Chloropropane	0.0200	0.0176		mg/Kg		88	80 - 124	0	30
1,2-Dichlorobenzene	0.0200	0.0199		mg/Kg		100	80 - 120	4	30
1,2-Dichloroethane	0.0200	0.0189		mg/Kg		94	70 - 123	0	30
1,2-Dichloropropane	0.0200	0.0173		mg/Kg		87	73 - 124	2	30
1,3,5-Trimethylbenzene	0.0200	0.0178		mg/Kg		89	70 - 120	8	30
1,3-Dichlorobenzene	0.0200	0.0186		mg/Kg		93	80 - 120	8	30
1,4-Dichlorobenzene	0.0200	0.0190		mg/Kg		95	80 - 120	5	30
2-Butanone (MEK)	0.100	0.104		mg/Kg		104	64 - 128	1	30
2-Hexanone	0.100	0.111		mg/Kg		111	75 - 120	0	30
4-Methyl-2-pentanone (MIBK)	0.100	0.117		mg/Kg		117	80 - 120	2	30
Acetone	0.100	0.105		mg/Kg		105	58 - 122	3	30
Benzene	0.0200	0.0174		mg/Kg		87	75 - 120	6	30
Bromoform	0.0200	0.0192		mg/Kg		96	61 - 125	3	30
Bromomethane	0.0200	0.0124		mg/Kg		62	37 - 150	5	30
Carbon disulfide	0.0200	0.0143		mg/Kg		72	57 - 133	11	30
Carbon tetrachloride	0.0200	0.0169		mg/Kg		85	66 - 127	10	30
Chlorobenzene	0.0200	0.0185		mg/Kg		93	80 - 120	6	30
Chlorobromomethane	0.0200	0.0191		mg/Kg		96	76 - 127	1	30
Chlorodibromomethane	0.0200	0.0194		mg/Kg		97	72 - 120	0	30
Chloroethane	0.0200	0.0152		mg/Kg		76	60 - 123	4	30
Chloroform	0.0200	0.0179		mg/Kg		89	79 - 126	5	30
Chloromethane	0.0200	0.0131		mg/Kg		65	46 - 122	4	30
cis-1,2-Dichloroethene	0.0200	0.0177		mg/Kg		89	80 - 123	0	30
cis-1,3-Dichloropropene	0.0200	0.0175		mg/Kg		87	75 - 120	4	30
Cyclohexane	0.0200	0.0170		mg/Kg		85	65 - 132	13	30
Dichlorobromomethane	0.0200	0.0188		mg/Kg		94	77 - 124	4	30
Dichlorodifluoromethane	0.0200	0.0160		mg/Kg		80	45 - 129	8	30
Ethylbenzene	0.0200	0.0183		mg/Kg		92	80 - 120	7	30
Ethylene Dibromide	0.0200	0.0201		mg/Kg		100	79 - 120	0	30
Isopropylbenzene	0.0200	0.0180		mg/Kg		90	74 - 120	9	30
Methyl acetate	0.0400	0.0343		mg/Kg		86	57 - 120	7	30
Methyl tert-butyl ether	0.0200	0.0186		mg/Kg		93	74 - 125	1	30
Methylcyclohexane	0.0200	0.0168		mg/Kg		84	66 - 125	12	30
Methylene Chloride	0.0200	0.0188		mg/Kg		94	78 - 120	1	30
m-Xylene & p-Xylene	0.0200	0.0184		mg/Kg		92	80 - 120	8	30
n-Butylbenzene	0.0200	0.0171		mg/Kg		85	72 - 120	12	30
N-Propylbenzene	0.0200	0.0175		mg/Kg		88	68 - 120	7	30
o-Xylene	0.0200	0.0188		mg/Kg		94	80 - 120	6	30
sec-Butylbenzene	0.0200	0.0174		mg/Kg		87	78 - 120	9	30
Styrene	0.0200	0.0181		mg/Kg		91	80 - 120	4	30
tert-Butylbenzene	0.0200	0.0178		mg/Kg		89	80 - 120	9	30
Tetrachloroethene	0.0200	0.0183		mg/Kg		92	73 - 120	14	30
Toluene	0.0200	0.0173		mg/Kg		87	80 - 120	6	30

Method: 8260D - Volatile Organic Compounds by GC/MS (Continued)

Lab Sample ID: LCSD 460-1065959/4
Matrix: Solid
Analysis Batch: 1065959

Client Sample ID: Lab Control Sample Dup
Prep Type: Total/NA

Analyte			Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
trans-1,2-Dichloroethene			0.0200	0.0169		mg/Kg		85	78 - 120	8	30
trans-1,3-Dichloropropene			0.0200	0.0177		mg/Kg		89	77 - 120	3	30
Trichloroethene			0.0200	0.0177		mg/Kg		89	80 - 120	6	30
Trichlorofluoromethane			0.0200	0.0159		mg/Kg		80	61 - 130	7	30
Vinyl chloride			0.0200	0.0144		mg/Kg		72	54 - 122	7	30
Xylenes, Total			0.0400	0.0372		mg/Kg		93	80 - 120	7	30

Surrogate	*LCSD %Recovery*	*LCSD Qualifier*	*Limits*
1,2-Dichloroethane-d4 (Surr)	*96*		*65 - 138*
4-Bromofluorobenzene	*102*		*71 - 128*
Dibromofluoromethane (Surr)	*94*		*50 - 150*
Toluene-d8 (Surr)	*98*		*71 - 126*

Lab Sample ID: MB 460-1065968/7
Matrix: Solid
Analysis Batch: 1065968

Client Sample ID: Method Blank
Prep Type: Total/NA

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1-Trichloroethane	0.0010	U	0.0010	0.00023	mg/Kg			10/04/25 19:40	1
1,1,2,2-Tetrachloroethane	0.0010	U	0.0010	0.00052	mg/Kg			10/04/25 19:40	1
1,1,2-Trichloro-1,2,2-trifluoroethane	0.0010	U	0.0010	0.00030	mg/Kg			10/04/25 19:40	1
1,1,2-Trichloroethane	0.0010	U	0.0010	0.00060	mg/Kg			10/04/25 19:40	1
1,1-Dichloroethane	0.0010	U	0.0010	0.00060	mg/Kg			10/04/25 19:40	1
1,1-Dichloroethene	0.0010	U	0.0010	0.00023	mg/Kg			10/04/25 19:40	1
1,2,3-Trichlorobenzene	0.0010	U	0.0010	0.00074	mg/Kg			10/04/25 19:40	1
1,2,4-Trichlorobenzene	0.0010	U	0.0010	0.00036	mg/Kg			10/04/25 19:40	1
1,2,4-Trimethylbenzene	0.0010	U	0.0010	0.00025	mg/Kg			10/04/25 19:40	1
1,2-Dibromo-3-Chloropropane	0.0010	U	0.0010	0.00046	mg/Kg			10/04/25 19:40	1
1,2-Dichlorobenzene	0.0010	U	0.0010	0.00036	mg/Kg			10/04/25 19:40	1
1,2-Dichloroethane	0.0010	U	0.0010	0.00030	mg/Kg			10/04/25 19:40	1
1,2-Dichloropropane	0.0010	U	0.0010	0.00042	mg/Kg			10/04/25 19:40	1
1,3,5-Trimethylbenzene	0.0010	U	0.0010	0.00031	mg/Kg			10/04/25 19:40	1
1,3-Dichlorobenzene	0.0010	U	0.0010	0.00037	mg/Kg			10/04/25 19:40	1
1,4-Dichlorobenzene	0.0010	U	0.0010	0.00052	mg/Kg			10/04/25 19:40	1
2-Butanone (MEK)	0.0050	U	0.0050	0.00037	mg/Kg			10/04/25 19:40	1
2-Hexanone	0.0050	U	0.0050	0.0017	mg/Kg			10/04/25 19:40	1
4-Methyl-2-pentanone (MIBK)	0.0050	U	0.0050	0.0016	mg/Kg			10/04/25 19:40	1
Acetone	0.0060	U	0.0060	0.0057	mg/Kg			10/04/25 19:40	1
Benzene	0.0010	U	0.0010	0.00057	mg/Kg			10/04/25 19:40	1
Bromoform	0.0010	U	0.0010	0.00043	mg/Kg			10/04/25 19:40	1
Bromomethane	0.0020	U	0.0020	0.0010	mg/Kg			10/04/25 19:40	1
Carbon disulfide	0.0010	U	0.0010	0.00027	mg/Kg			10/04/25 19:40	1
Carbon tetrachloride	0.0010	U	0.0010	0.00039	mg/Kg			10/04/25 19:40	1
Chlorobenzene	0.0010	U	0.0010	0.00051	mg/Kg			10/04/25 19:40	1
Chlorobromomethane	0.0010	U	0.0010	0.00060	mg/Kg			10/04/25 19:40	1
Chlorodibromomethane	0.0010	U	0.0010	0.00054	mg/Kg			10/04/25 19:40	1
Chloroethane	0.0010	U	0.0010	0.00052	mg/Kg			10/04/25 19:40	1
Chloroform	0.0010	U	0.0010	0.00097	mg/Kg			10/04/25 19:40	1

Method: 8260D - Volatile Organic Compounds by GC/MS (Continued)

Lab Sample ID: MB 460-1065968/7
Matrix: Solid
Analysis Batch: 1065968

Client Sample ID: Method Blank
Prep Type: Total/NA

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloromethane	0.0010	U	0.0010	0.00044	mg/Kg			10/04/25 19:40	1
Chloromethane	0.0010	U	0.0010	0.00044	mg/Kg			10/04/25 19:40	1
cis-1,2-Dichloroethene	0.0010	U	0.0010	0.00036	mg/Kg			10/04/25 19:40	1
cis-1,3-Dichloropropene	0.0010	U	0.0010	0.00027	mg/Kg			10/04/25 19:40	1
Cyclohexane	0.0010	U	0.0010	0.00022	mg/Kg			10/04/25 19:40	1
Dichlorobromomethane	0.0010	U	0.0010	0.00026	mg/Kg			10/04/25 19:40	1
Dichlorodifluoromethane	0.0010	U	0.0010	0.00034	mg/Kg			10/04/25 19:40	1
Ethylbenzene	0.0010	U	0.0010	0.00047	mg/Kg			10/04/25 19:40	1
Ethylene Dibromide	0.0010	U	0.0010	0.00050	mg/Kg			10/04/25 19:40	1
Isopropylbenzene	0.0010	U	0.0010	0.00029	mg/Kg			10/04/25 19:40	1
Methyl acetate	0.0050	U	0.0050	0.0043	mg/Kg			10/04/25 19:40	1
Methyl tert-butyl ether	0.0010	U	0.0010	0.00051	mg/Kg			10/04/25 19:40	1
Methylcyclohexane	0.0010	U	0.0010	0.00050	mg/Kg			10/04/25 19:40	1
Methylene Chloride	0.0020	U	0.0020	0.0011	mg/Kg			10/04/25 19:40	1
m-Xylene & p-Xylene	0.0010	U	0.0010	0.00042	mg/Kg			10/04/25 19:40	1
n-Butylbenzene	0.0010	U	0.0010	0.00029	mg/Kg			10/04/25 19:40	1
N-Propylbenzene	0.0010	U	0.0010	0.00045	mg/Kg			10/04/25 19:40	1
o-Xylene	0.0010	U	0.0010	0.00046	mg/Kg			10/04/25 19:40	1
sec-Butylbenzene	0.0010	U	0.0010	0.00029	mg/Kg			10/04/25 19:40	1
Styrene	0.0010	U	0.0010	0.00028	mg/Kg			10/04/25 19:40	1
tert-Butylbenzene	0.0010	U	0.0010	0.00028	mg/Kg			10/04/25 19:40	1
Tetrachloroethene	0.0010	U	0.0010	0.00031	mg/Kg			10/04/25 19:40	1
Toluene	0.0010	U	0.0010	0.00023	mg/Kg			10/04/25 19:40	1
trans-1,2-Dichloroethene	0.0010	U	0.0010	0.00025	mg/Kg			10/04/25 19:40	1
trans-1,3-Dichloropropene	0.0010	U	0.0010	0.00027	mg/Kg			10/04/25 19:40	1
Trichloroethene	0.0010	U	0.0010	0.00032	mg/Kg			10/04/25 19:40	1
Trichlorofluoromethane	0.0010	U	0.0010	0.00041	mg/Kg			10/04/25 19:40	1
Vinyl chloride	0.0010	U	0.0010	0.00055	mg/Kg			10/04/25 19:40	1
Xylenes, Total	0.0020	U	0.0020	0.00017	mg/Kg			10/04/25 19:40	1

Surrogate	*MB %Recovery*	*MB Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,2-Dichloroethane-d4 (Surr)	*104*		*65 - 138*		*10/04/25 19:40*	*1*
4-Bromofluorobenzene	*93*		*71 - 128*		*10/04/25 19:40*	*1*
Dibromofluoromethane (Surr)	*92*		*50 - 150*		*10/04/25 19:40*	*1*
Toluene-d8 (Surr)	*101*		*71 - 126*		*10/04/25 19:40*	*1*

Lab Sample ID: LCS 460-1065968/2
Matrix: Solid
Analysis Batch: 1065968

Client Sample ID: Lab Control Sample
Prep Type: Total/NA

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
1,1,1-Trichloroethane	0.0200	0.0191		mg/Kg		95	78 - 120
1,1,2,2-Tetrachloroethane	0.0200	0.0227		mg/Kg		114	70 - 133
1,1,2-Trichloro-1,2,2-trifluoroethane	0.0200	0.0173		mg/Kg		86	75 - 121
1,1,2-Trichloroethane	0.0200	0.0212		mg/Kg		106	80 - 120
1,1-Dichloroethane	0.0200	0.0225		mg/Kg		112	72 - 120
1,1-Dichloroethene	0.0200	0.0180		mg/Kg		90	76 - 120
1,2,3-Trichlorobenzene	0.0200	0.0186		mg/Kg		93	77 - 137

Method: 8260D - Volatile Organic Compounds by GC/MS (Continued)

Lab Sample ID: LCS 460-1065968/2
Matrix: Solid
Analysis Batch: 1065968

Client Sample ID: Lab Control Sample
Prep Type: Total/NA

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
1,2,4-Trichlorobenzene	0.0200	0.0185		mg/Kg		92	77 - 136
1,2,4-Trimethylbenzene	0.0200	0.0200		mg/Kg		100	75 - 120
1,2-Dibromo-3-Chloropropane	0.0200	0.0183		mg/Kg		91	80 - 124
1,2-Dichlorobenzene	0.0200	0.0198		mg/Kg		99	80 - 120
1,2-Dichloroethane	0.0200	0.0201		mg/Kg		100	70 - 123
1,2-Dichloropropane	0.0200	0.0233		mg/Kg		117	73 - 124
1,3,5-Trimethylbenzene	0.0200	0.0204		mg/Kg		102	70 - 120
1,3-Dichlorobenzene	0.0200	0.0191		mg/Kg		95	80 - 120
1,4-Dichlorobenzene	0.0200	0.0193		mg/Kg		97	80 - 120
2-Butanone (MEK)	0.100	0.0756		mg/Kg		76	64 - 128
2-Hexanone	0.100	0.0897		mg/Kg		90	75 - 120
4-Methyl-2-pentanone (MIBK)	0.100	0.0935		mg/Kg		94	80 - 120
Acetone	0.100	0.0866		mg/Kg		87	58 - 122
Benzene	0.0200	0.0219		mg/Kg		110	75 - 120
Bromoform	0.0200	0.0282	*	mg/Kg		141	61 - 125
Bromomethane	0.0200	0.0193		mg/Kg		96	37 - 150
Carbon disulfide	0.0200	0.0210		mg/Kg		105	57 - 133
Carbon tetrachloride	0.0200	0.0228		mg/Kg		114	66 - 127
Chlorobenzene	0.0200	0.0197		mg/Kg		98	80 - 120
Chlorobromomethane	0.0200	0.0175		mg/Kg		87	76 - 127
Chlorodibromomethane	0.0200	0.0251	*	mg/Kg		126	72 - 120
Chloroethane	0.0200	0.0229		mg/Kg		114	60 - 123
Chloroform	0.0200	0.0193		mg/Kg		96	79 - 126
Chloromethane	0.0200	0.0211		mg/Kg		106	46 - 122
cis-1,2-Dichloroethene	0.0200	0.0185		mg/Kg		92	80 - 123
cis-1,3-Dichloropropene	0.0200	0.0230		mg/Kg		115	75 - 120
Cyclohexane	0.0200	0.0199		mg/Kg		99	65 - 132
Dichlorobromomethane	0.0200	0.0214		mg/Kg		107	77 - 124
Dichlorodifluoromethane	0.0200	0.0144		mg/Kg		72	45 - 129
Ethylbenzene	0.0200	0.0197		mg/Kg		98	80 - 120
Ethylene Dibromide	0.0200	0.0198		mg/Kg		99	79 - 120
Isopropylbenzene	0.0200	0.0191		mg/Kg		95	74 - 120
Methyl acetate	0.0400	0.0527	*	mg/Kg		132	57 - 120
Methyl tert-butyl ether	0.0200	0.0192		mg/Kg		96	74 - 125
Methylcyclohexane	0.0200	0.0197		mg/Kg		98	66 - 125
Methylene Chloride	0.0200	0.0197		mg/Kg		98	78 - 120
m-Xylene & p-Xylene	0.0200	0.0197		mg/Kg		98	80 - 120
n-Butylbenzene	0.0200	0.0219		mg/Kg		110	72 - 120
N-Propylbenzene	0.0200	0.0198		mg/Kg		99	68 - 120
o-Xylene	0.0200	0.0198		mg/Kg		99	80 - 120
sec-Butylbenzene	0.0200	0.0204		mg/Kg		102	78 - 120
Styrene	0.0200	0.0180		mg/Kg		90	80 - 120
tert-Butylbenzene	0.0200	0.0197		mg/Kg		99	80 - 120
Tetrachloroethene	0.0200	0.0188		mg/Kg		94	73 - 120
Toluene	0.0200	0.0199		mg/Kg		99	80 - 120
trans-1,2-Dichloroethene	0.0200	0.0185		mg/Kg		93	78 - 120
trans-1,3-Dichloropropene	0.0200	0.0221		mg/Kg		111	77 - 120
Trichloroethene	0.0200	0.0188		mg/Kg		94	80 - 120
Trichlorofluoromethane	0.0200	0.0178		mg/Kg		89	61 - 130

Method: 8260D - Volatile Organic Compounds by GC/MS (Continued)

Lab Sample ID: LCS 460-1065968/2
Matrix: Solid
Analysis Batch: 1065968

Client Sample ID: Lab Control Sample
Prep Type: Total/NA

Analyte			Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits		
Vinyl chloride			0.0200	0.0218		mg/Kg		109	54 - 122		
Xylenes, Total			0.0400	0.0395		mg/Kg		99	80 - 120		

Surrogate	*LCS %Recovery*	*LCS Qualifier*	*Limits*
1,2-Dichloroethane-d4 (Surr)	*102*		*65 - 138*
4-Bromofluorobenzene	*95*		*71 - 128*
Dibromofluoromethane (Surr)	*92*		*50 - 150*
Toluene-d8 (Surr)	*105*		*71 - 126*

Lab Sample ID: LCSD 460-1065968/4
Matrix: Solid
Analysis Batch: 1065968

Client Sample ID: Lab Control Sample Dup
Prep Type: Total/NA

Analyte			Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
1,1,1-Trichloroethane			0.0200	0.0191		mg/Kg		96	78 - 120	0	30
1,1,2,2-Tetrachloroethane			0.0200	0.0237		mg/Kg		118	70 - 133	4	30
1,1,2-Trichloro-1,2,2-trifluoroethane			0.0200	0.0186		mg/Kg		93	75 - 121	7	30
1,1,2-Trichloroethane			0.0200	0.0215		mg/Kg		107	80 - 120	1	30
1,1-Dichloroethane			0.0200	0.0225		mg/Kg		112	72 - 120	0	30
1,1-Dichloroethene			0.0200	0.0190		mg/Kg		95	76 - 120	6	30
1,2,3-Trichlorobenzene			0.0200	0.0188		mg/Kg		94	77 - 137	1	30
1,2,4-Trichlorobenzene			0.0200	0.0186		mg/Kg		93	77 - 136	1	30
1,2,4-Trimethylbenzene			0.0200	0.0199		mg/Kg		100	75 - 120	0	30
1,2-Dibromo-3-Chloropropane			0.0200	0.0197		mg/Kg		98	80 - 124	7	30
1,2-Dichlorobenzene			0.0200	0.0199		mg/Kg		99	80 - 120	1	30
1,2-Dichloroethane			0.0200	0.0203		mg/Kg		102	70 - 123	1	30
1,2-Dichloropropane			0.0200	0.0237		mg/Kg		119	73 - 124	2	30
1,3,5-Trimethylbenzene			0.0200	0.0204		mg/Kg		102	70 - 120	0	30
1,3-Dichlorobenzene			0.0200	0.0191		mg/Kg		96	80 - 120	0	30
1,4-Dichlorobenzene			0.0200	0.0194		mg/Kg		97	80 - 120	0	30
2-Butanone (MEK)			0.100	0.0769		mg/Kg		77	64 - 128	2	30
2-Hexanone			0.100	0.0922		mg/Kg		92	75 - 120	3	30
4-Methyl-2-pentanone (MIBK)			0.100	0.0955		mg/Kg		95	80 - 120	2	30
Acetone			0.100	0.0841		mg/Kg		84	58 - 122	3	30
Benzene			0.0200	0.0218		mg/Kg		109	75 - 120	1	30
Bromoform			0.0200	0.0290	*	mg/Kg		145	61 - 125	3	30
Bromomethane			0.0200	0.0176		mg/Kg		88	37 - 150	9	30
Carbon disulfide			0.0200	0.0207		mg/Kg		103	57 - 133	1	30
Carbon tetrachloride			0.0200	0.0233		mg/Kg		116	66 - 127	2	30
Chlorobenzene			0.0200	0.0192		mg/Kg		96	80 - 120	2	30
Chlorobromomethane			0.0200	0.0177		mg/Kg		88	76 - 127	1	30
Chlorodibromomethane			0.0200	0.0262	*	mg/Kg		131	72 - 120	4	30
Chloroethane			0.0200	0.0214		mg/Kg		107	60 - 123	7	30
Chloroform			0.0200	0.0195		mg/Kg		98	79 - 126	1	30
Chloromethane			0.0200	0.0189		mg/Kg		95	46 - 122	11	30
cis-1,2-Dichloroethene			0.0200	0.0186		mg/Kg		93	80 - 123	1	30
cis-1,3-Dichloropropene			0.0200	0.0235		mg/Kg		118	75 - 120	2	30
Cyclohexane			0.0200	0.0203		mg/Kg		101	65 - 132	2	30

Method: 8260D - Volatile Organic Compounds by GC/MS (Continued)

Lab Sample ID: LCSD 460-1065968/4
Matrix: Solid
Analysis Batch: 1065968

Client Sample ID: Lab Control Sample Dup
Prep Type: Total/NA

Analyte	Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Dichlorobromomethane	0.0200	0.0216		mg/Kg		108	77 - 124	1	30
Dichlorodifluoromethane	0.0200	0.0138		mg/Kg		69	45 - 129	4	30
Ethylbenzene	0.0200	0.0195		mg/Kg		97	80 - 120	1	30
Ethylene Dibromide	0.0200	0.0200		mg/Kg		100	79 - 120	1	30
Isopropylbenzene	0.0200	0.0187		mg/Kg		93	74 - 120	2	30
Methyl acetate	0.0400	0.0589	*	mg/Kg		147	57 - 120	11	30
Methyl tert-butyl ether	0.0200	0.0198		mg/Kg		99	74 - 125	3	30
Methylcyclohexane	0.0200	0.0200		mg/Kg		100	66 - 125	2	30
Methylene Chloride	0.0200	0.0196		mg/Kg		98	78 - 120	1	30
m-Xylene & p-Xylene	0.0200	0.0196		mg/Kg		98	80 - 120	1	30
n-Butylbenzene	0.0200	0.0220		mg/Kg		110	72 - 120	0	30
N-Propylbenzene	0.0200	0.0201		mg/Kg		101	68 - 120	2	30
o-Xylene	0.0200	0.0194		mg/Kg		97	80 - 120	2	30
sec-Butylbenzene	0.0200	0.0206		mg/Kg		103	78 - 120	1	30
Styrene	0.0200	0.0179		mg/Kg		90	80 - 120	1	30
tert-Butylbenzene	0.0200	0.0199		mg/Kg		100	80 - 120	1	30
Tetrachloroethene	0.0200	0.0185		mg/Kg		93	73 - 120	2	30
Toluene	0.0200	0.0198		mg/Kg		99	80 - 120	0	30
trans-1,2-Dichloroethene	0.0200	0.0184		mg/Kg		92	78 - 120	1	30
trans-1,3-Dichloropropene	0.0200	0.0225		mg/Kg		113	77 - 120	2	30
Trichloroethene	0.0200	0.0190		mg/Kg		95	80 - 120	1	30
Trichlorofluoromethane	0.0200	0.0173		mg/Kg		87	61 - 130	3	30
Vinyl chloride	0.0200	0.0202		mg/Kg		101	54 - 122	7	30
Xylenes, Total	0.0400	0.0390		mg/Kg		98	80 - 120	1	30

Surrogate	*LCSD %Recovery*	*LCSD Qualifier*	*Limits*
1,2-Dichloroethane-d4 (Surr)	*103*		*65 - 138*
4-Bromofluorobenzene	*97*		*71 - 128*
Dibromofluoromethane (Surr)	*93*		*50 - 150*
Toluene-d8 (Surr)	*103*		*71 - 126*

Lab Sample ID: MB 460-1066001/6
Matrix: Solid
Analysis Batch: 1066001

Client Sample ID: Method Blank
Prep Type: Total/NA

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1-Trichloroethane	0.0010	U	0.0010	0.00023	mg/Kg			10/05/25 06:20	1
1,1,2,2-Tetrachloroethane	0.0010	U	0.0010	0.00052	mg/Kg			10/05/25 06:20	1
1,1,2-Trichloro-1,2,2-trifluoroethane	0.0010	U	0.0010	0.00030	mg/Kg			10/05/25 06:20	1
1,1,2-Trichloroethane	0.0010	U	0.0010	0.00060	mg/Kg			10/05/25 06:20	1
1,1-Dichloroethane	0.0010	U	0.0010	0.00060	mg/Kg			10/05/25 06:20	1
1,1-Dichloroethene	0.0010	U	0.0010	0.00023	mg/Kg			10/05/25 06:20	1
1,2,3-Trichlorobenzene	0.0010	U	0.0010	0.00074	mg/Kg			10/05/25 06:20	1
1,2,4-Trichlorobenzene	0.0010	U	0.0010	0.00036	mg/Kg			10/05/25 06:20	1
1,2,4-Trimethylbenzene	0.0010	U	0.0010	0.00025	mg/Kg			10/05/25 06:20	1
1,2-Dibromo-3-Chloropropane	0.0010	U	0.0010	0.00046	mg/Kg			10/05/25 06:20	1
1,2-Dichlorobenzene	0.0010	U	0.0010	0.00036	mg/Kg			10/05/25 06:20	1
1,2-Dichloroethane	0.0010	U	0.0010	0.00030	mg/Kg			10/05/25 06:20	1

Method: 8260D - Volatile Organic Compounds by GC/MS (Continued)

Lab Sample ID: MB 460-1066001/6
Matrix: Solid
Analysis Batch: 1066001

Client Sample ID: Method Blank
Prep Type: Total/NA

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,2-Dichloropropane	0.0010	U	0.0010	0.00042	mg/Kg			10/05/25 06:20	1
1,2-Dichloropropane	0.0010	U	0.0010	0.00042	mg/Kg			10/05/25 06:20	1
1,3,5-Trimethylbenzene	0.0010	U	0.0010	0.00031	mg/Kg			10/05/25 06:20	1
1,3-Dichlorobenzene	0.0010	U	0.0010	0.00037	mg/Kg			10/05/25 06:20	1
1,4-Dichlorobenzene	0.0010	U	0.0010	0.00052	mg/Kg			10/05/25 06:20	1
2-Butanone (MEK)	0.0050	U	0.0050	0.00037	mg/Kg			10/05/25 06:20	1
2-Hexanone	0.0050	U	0.0050	0.0017	mg/Kg			10/05/25 06:20	1
4-Methyl-2-pentanone (MIBK)	0.0050	U	0.0050	0.0016	mg/Kg			10/05/25 06:20	1
Acetone	0.0060	U	0.0060	0.0057	mg/Kg			10/05/25 06:20	1
Benzene	0.0010	U	0.0010	0.00057	mg/Kg			10/05/25 06:20	1
Bromoform	0.0010	U	0.0010	0.00043	mg/Kg			10/05/25 06:20	1
Bromomethane	0.0020	U	0.0020	0.0010	mg/Kg			10/05/25 06:20	1
Carbon disulfide	0.0010	U	0.0010	0.00027	mg/Kg			10/05/25 06:20	1
Carbon tetrachloride	0.0010	U	0.0010	0.00039	mg/Kg			10/05/25 06:20	1
Chlorobenzene	0.0010	U	0.0010	0.00051	mg/Kg			10/05/25 06:20	1
Chlorobromomethane	0.0010	U	0.0010	0.00060	mg/Kg			10/05/25 06:20	1
Chlorodibromomethane	0.0010	U	0.0010	0.00054	mg/Kg			10/05/25 06:20	1
Chloroethane	0.0010	U	0.0010	0.00052	mg/Kg			10/05/25 06:20	1
Chloroform	0.0010	U	0.0010	0.00097	mg/Kg			10/05/25 06:20	1
Chloromethane	0.0010	U	0.0010	0.00044	mg/Kg			10/05/25 06:20	1
cis-1,2-Dichloroethene	0.0010	U	0.0010	0.00036	mg/Kg			10/05/25 06:20	1
cis-1,3-Dichloropropene	0.0010	U	0.0010	0.00027	mg/Kg			10/05/25 06:20	1
Cyclohexane	0.0010	U	0.0010	0.00022	mg/Kg			10/05/25 06:20	1
Dichlorobromomethane	0.0010	U	0.0010	0.00026	mg/Kg			10/05/25 06:20	1
Dichlorodifluoromethane	0.0010	U	0.0010	0.00034	mg/Kg			10/05/25 06:20	1
Ethylbenzene	0.0010	U	0.0010	0.00047	mg/Kg			10/05/25 06:20	1
Ethylene Dibromide	0.0010	U	0.0010	0.00050	mg/Kg			10/05/25 06:20	1
Isopropylbenzene	0.0010	U	0.0010	0.00029	mg/Kg			10/05/25 06:20	1
Methyl acetate	0.0050	U	0.0050	0.0043	mg/Kg			10/05/25 06:20	1
Methyl tert-butyl ether	0.0010	U	0.0010	0.00051	mg/Kg			10/05/25 06:20	1
Methylcyclohexane	0.0010	U	0.0010	0.00050	mg/Kg			10/05/25 06:20	1
Methylene Chloride	0.0020	U	0.0020	0.0011	mg/Kg			10/05/25 06:20	1
m-Xylene & p-Xylene	0.0010	U	0.0010	0.00042	mg/Kg			10/05/25 06:20	1
n-Butylbenzene	0.0010	U	0.0010	0.00029	mg/Kg			10/05/25 06:20	1
N-Propylbenzene	0.0010	U	0.0010	0.00045	mg/Kg			10/05/25 06:20	1
o-Xylene	0.0010	U	0.0010	0.00046	mg/Kg			10/05/25 06:20	1
sec-Butylbenzene	0.0010	U	0.0010	0.00029	mg/Kg			10/05/25 06:20	1
Styrene	0.0010	U	0.0010	0.00028	mg/Kg			10/05/25 06:20	1
tert-Butylbenzene	0.0010	U	0.0010	0.00028	mg/Kg			10/05/25 06:20	1
Tetrachloroethene	0.0010	U	0.0010	0.00031	mg/Kg			10/05/25 06:20	1
Toluene	0.0010	U	0.0010	0.00023	mg/Kg			10/05/25 06:20	1
trans-1,2-Dichloroethene	0.0010	U	0.0010	0.00025	mg/Kg			10/05/25 06:20	1
trans-1,3-Dichloropropene	0.0010	U	0.0010	0.00027	mg/Kg			10/05/25 06:20	1
Trichloroethene	0.0010	U	0.0010	0.00032	mg/Kg			10/05/25 06:20	1
Trichlorofluoromethane	0.0010	U	0.0010	0.00041	mg/Kg			10/05/25 06:20	1
Vinyl chloride	0.0010	U	0.0010	0.00055	mg/Kg			10/05/25 06:20	1
Xylenes, Total	0.0020	U	0.0020	0.00017	mg/Kg			10/05/25 06:20	1

Method: 8260D - Volatile Organic Compounds by GC/MS (Continued)

Lab Sample ID: MB 460-1066001/6
Matrix: Solid
Analysis Batch: 1066001

Client Sample ID: Method Blank
Prep Type: Total/NA

Surrogate	MB %Recovery	MB Qualifier	Limits	Prepared	Analyzed	Dil Fac
1,2-Dichloroethane-d4 (Surr)	104		65 - 138		10/05/25 06:20	1
4-Bromofluorobenzene	94		71 - 128		10/05/25 06:20	1
Dibromofluoromethane (Surr)	95		50 - 150		10/05/25 06:20	1
Toluene-d8 (Surr)	100		71 - 126		10/05/25 06:20	1

Lab Sample ID: LCS 460-1066001/2
Matrix: Solid
Analysis Batch: 1066001

Client Sample ID: Lab Control Sample
Prep Type: Total/NA

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
1,1,1-Trichloroethane	0.0200	0.0208		mg/Kg		104	78 - 120
1,1,2,2-Tetrachloroethane	0.0200	0.0219		mg/Kg		109	70 - 133
1,1,2-Trichloro-1,2,2-trifluoroethane	0.0200	0.0194		mg/Kg		97	75 - 121
1,1,2-Trichloroethane	0.0200	0.0201		mg/Kg		100	80 - 120
1,1-Dichloroethane	0.0200	0.0230		mg/Kg		115	72 - 120
1,1-Dichloroethene	0.0200	0.0191		mg/Kg		95	76 - 120
1,2,3-Trichlorobenzene	0.0200	0.0181		mg/Kg		91	77 - 137
1,2,4-Trichlorobenzene	0.0200	0.0182		mg/Kg		91	77 - 136
1,2,4-Trimethylbenzene	0.0200	0.0204		mg/Kg		102	75 - 120
1,2-Dibromo-3-Chloropropane	0.0200	0.0173		mg/Kg		87	80 - 124
1,2-Dichlorobenzene	0.0200	0.0195		mg/Kg		97	80 - 120
1,2-Dichloroethane	0.0200	0.0197		mg/Kg		98	70 - 123
1,2-Dichloropropane	0.0200	0.0234		mg/Kg		117	73 - 124
1,3,5-Trimethylbenzene	0.0200	0.0209		mg/Kg		104	70 - 120
1,3-Dichlorobenzene	0.0200	0.0196		mg/Kg		98	80 - 120
1,4-Dichlorobenzene	0.0200	0.0193		mg/Kg		97	80 - 120
2-Butanone (MEK)	0.100	0.0675		mg/Kg		67	64 - 128
2-Hexanone	0.100	0.0828		mg/Kg		83	75 - 120
4-Methyl-2-pentanone (MIBK)	0.100	0.0901		mg/Kg		90	80 - 120
Acetone	0.100	0.0808		mg/Kg		81	58 - 122
Benzene	0.0200	0.0220		mg/Kg		110	75 - 120
Bromoform	0.0200	0.0273	*	mg/Kg		137	61 - 125
Bromomethane	0.0200	0.0142		mg/Kg		71	37 - 150
Carbon disulfide	0.0200	0.0232		mg/Kg		116	57 - 133
Carbon tetrachloride	0.0200	0.0255		mg/Kg		127	66 - 127
Chlorobenzene	0.0200	0.0193		mg/Kg		96	80 - 120
Chlorobromomethane	0.0200	0.0175		mg/Kg		87	76 - 127
Chlorodibromomethane	0.0200	0.0249	*	mg/Kg		124	72 - 120
Chloroethane	0.0200	0.0166		mg/Kg		83	60 - 123
Chloroform	0.0200	0.0196		mg/Kg		98	79 - 126
Chloromethane	0.0200	0.0158		mg/Kg		79	46 - 122
cis-1,2-Dichloroethene	0.0200	0.0187		mg/Kg		93	80 - 123
cis-1,3-Dichloropropene	0.0200	0.0231		mg/Kg		116	75 - 120
Cyclohexane	0.0200	0.0214		mg/Kg		107	65 - 132
Dichlorobromomethane	0.0200	0.0217		mg/Kg		108	77 - 124
Dichlorodifluoromethane	0.0200	0.0139		mg/Kg		69	45 - 129
Ethylbenzene	0.0200	0.0197		mg/Kg		98	80 - 120
Ethylene Dibromide	0.0200	0.0187		mg/Kg		94	79 - 120

Method: 8260D - Volatile Organic Compounds by GC/MS (Continued)

Lab Sample ID: LCS 460-1066001/2
Matrix: Solid
Analysis Batch: 1066001

Client Sample ID: Lab Control Sample
Prep Type: Total/NA

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
Isopropylbenzene	0.0200	0.0203		mg/Kg		101	74 - 120
Methyl acetate	0.0400	0.0523	*	mg/Kg		131	57 - 120
Methyl tert-butyl ether	0.0200	0.0182		mg/Kg		91	74 - 125
Methylcyclohexane	0.0200	0.0213		mg/Kg		106	66 - 125
Methylene Chloride	0.0200	0.0198		mg/Kg		99	78 - 120
m-Xylene & p-Xylene	0.0200	0.0199		mg/Kg		99	80 - 120
n-Butylbenzene	0.0200	0.0227		mg/Kg		113	72 - 120
N-Propylbenzene	0.0200	0.0203		mg/Kg		101	68 - 120
o-Xylene	0.0200	0.0195		mg/Kg		98	80 - 120
sec-Butylbenzene	0.0200	0.0211		mg/Kg		105	78 - 120
Styrene	0.0200	0.0179		mg/Kg		89	80 - 120
tert-Butylbenzene	0.0200	0.0203		mg/Kg		101	80 - 120
Tetrachloroethene	0.0200	0.0199		mg/Kg		100	73 - 120
Toluene	0.0200	0.0200		mg/Kg		100	80 - 120
trans-1,2-Dichloroethene	0.0200	0.0189		mg/Kg		95	78 - 120
trans-1,3-Dichloropropene	0.0200	0.0214		mg/Kg		107	77 - 120
Trichloroethene	0.0200	0.0192		mg/Kg		96	80 - 120
Trichlorofluoromethane	0.0200	0.0145		mg/Kg		72	61 - 130
Vinyl chloride	0.0200	0.0168		mg/Kg		84	54 - 122
Xylenes, Total	0.0400	0.0394		mg/Kg		99	80 - 120

Surrogate	*LCS %Recovery*	*LCS Qualifier*	*Limits*
1,2-Dichloroethane-d4 (Surr)	*104*		*65 - 138*
4-Bromofluorobenzene	*96*		*71 - 128*
Dibromofluoromethane (Surr)	*94*		*50 - 150*
Toluene-d8 (Surr)	*104*		*71 - 126*

Lab Sample ID: LCSD 460-1066001/3
Matrix: Solid
Analysis Batch: 1066001

Client Sample ID: Lab Control Sample Dup
Prep Type: Total/NA

Analyte	Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
1,1,1-Trichloroethane	0.0200	0.0191		mg/Kg		96	78 - 120	8	30
1,1,2,2-Tetrachloroethane	0.0200	0.0205		mg/Kg		103	70 - 133	6	30
1,1,2-Trichloro-1,2,2-trifluoroethane	0.0200	0.0190		mg/Kg		95	75 - 121	2	30
1,1,2-Trichloroethane	0.0200	0.0193		mg/Kg		96	80 - 120	4	30
1,1-Dichloroethane	0.0200	0.0214		mg/Kg		107	72 - 120	7	30
1,1-Dichloroethene	0.0200	0.0185		mg/Kg		93	76 - 120	3	30
1,2,3-Trichlorobenzene	0.0200	0.0174		mg/Kg		87	77 - 137	4	30
1,2,4-Trichlorobenzene	0.0200	0.0173		mg/Kg		86	77 - 136	5	30
1,2,4-Trimethylbenzene	0.0200	0.0183		mg/Kg		91	75 - 120	11	30
1,2-Dibromo-3-Chloropropane	0.0200	0.0167		mg/Kg		84	80 - 124	4	30
1,2-Dichlorobenzene	0.0200	0.0180		mg/Kg		90	80 - 120	8	30
1,2-Dichloroethane	0.0200	0.0187		mg/Kg		93	70 - 123	5	30
1,2-Dichloropropane	0.0200	0.0221		mg/Kg		110	73 - 124	6	30
1,3,5-Trimethylbenzene	0.0200	0.0190		mg/Kg		95	70 - 120	10	30
1,3-Dichlorobenzene	0.0200	0.0180		mg/Kg		90	80 - 120	8	30
1,4-Dichlorobenzene	0.0200	0.0177		mg/Kg		89	80 - 120	9	30

Method: 8260D - Volatile Organic Compounds by GC/MS (Continued)

Lab Sample ID: LCSD 460-1066001/3
Matrix: Solid
Analysis Batch: 1066001

Client Sample ID: Lab Control Sample Dup
Prep Type: Total/NA

Analyte			Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
2-Butanone (MEK)			0.100	0.0672		mg/Kg		67	64 - 128	0	30
2-Hexanone			0.100	0.0783		mg/Kg		78	75 - 120	6	30
4-Methyl-2-pentanone (MIBK)			0.100	0.0823		mg/Kg		82	80 - 120	9	30
Acetone			0.100	0.0798		mg/Kg		80	58 - 122	1	30
Benzene			0.0200	0.0203		mg/Kg		101	75 - 120	8	30
Bromoform			0.0200	0.0268	*	mg/Kg		134	61 - 125	2	30
Bromomethane			0.0200	0.0134		mg/Kg		67	37 - 150	6	30
Carbon disulfide			0.0200	0.0218		mg/Kg		109	57 - 133	6	30
Carbon tetrachloride			0.0200	0.0233		mg/Kg		116	66 - 127	9	30
Chlorobenzene			0.0200	0.0179		mg/Kg		89	80 - 120	8	30
Chlorobromomethane			0.0200	0.0165		mg/Kg		82	76 - 127	6	30
Chlorodibromomethane			0.0200	0.0239		mg/Kg		119	72 - 120	4	30
Chloroethane			0.0200	0.0157		mg/Kg		78	60 - 123	6	30
Chloroform			0.0200	0.0181		mg/Kg		90	79 - 126	8	30
Chloromethane			0.0200	0.0148		mg/Kg		74	46 - 122	6	30
cis-1,2-Dichloroethene			0.0200	0.0176		mg/Kg		88	80 - 123	6	30
cis-1,3-Dichloropropene			0.0200	0.0210		mg/Kg		105	75 - 120	10	30
Cyclohexane			0.0200	0.0201		mg/Kg		101	65 - 132	6	30
Dichlorobromomethane			0.0200	0.0201		mg/Kg		101	77 - 124	7	30
Dichlorodifluoromethane			0.0200	0.0137		mg/Kg		69	45 - 129	1	30
Ethylbenzene			0.0200	0.0187		mg/Kg		93	80 - 120	5	30
Ethylene Dibromide			0.0200	0.0180		mg/Kg		90	79 - 120	4	30
Isopropylbenzene			0.0200	0.0186		mg/Kg		93	74 - 120	9	30
Methyl acetate			0.0400	0.0514	*	mg/Kg		129	57 - 120	2	30
Methyl tert-butyl ether			0.0200	0.0179		mg/Kg		90	74 - 125	2	30
Methylcyclohexane			0.0200	0.0194		mg/Kg		97	66 - 125	9	30
Methylene Chloride			0.0200	0.0188		mg/Kg		94	78 - 120	5	30
m-Xylene & p-Xylene			0.0200	0.0184		mg/Kg		92	80 - 120	8	30
n-Butylbenzene			0.0200	0.0205		mg/Kg		103	72 - 120	10	30
N-Propylbenzene			0.0200	0.0187		mg/Kg		93	68 - 120	8	30
o-Xylene			0.0200	0.0180		mg/Kg		90	80 - 120	8	30
sec-Butylbenzene			0.0200	0.0191		mg/Kg		95	78 - 120	10	30
Styrene			0.0200	0.0166		mg/Kg		83	80 - 120	7	30
tert-Butylbenzene			0.0200	0.0185		mg/Kg		92	80 - 120	9	30
Tetrachloroethene			0.0200	0.0185		mg/Kg		92	73 - 120	7	30
Toluene			0.0200	0.0184		mg/Kg		92	80 - 120	8	30
trans-1,2-Dichloroethene			0.0200	0.0182		mg/Kg		91	78 - 120	4	30
trans-1,3-Dichloropropene			0.0200	0.0201		mg/Kg		101	77 - 120	6	30
Trichloroethene			0.0200	0.0178		mg/Kg		89	80 - 120	8	30
Trichlorofluoromethane			0.0200	0.0140		mg/Kg		70	61 - 130	3	30
Vinyl chloride			0.0200	0.0159		mg/Kg		80	54 - 122	5	30
Xylenes, Total			0.0400	0.0364		mg/Kg		91	80 - 120	8	30

Surrogate	*LCSD %Recovery*	*LCSD Qualifier*	*Limits*
1,2-Dichloroethane-d4 (Surr)	*105*		*65 - 138*
4-Bromofluorobenzene	*98*		*71 - 128*
Dibromofluoromethane (Surr)	*96*		*50 - 150*
Toluene-d8 (Surr)	*103*		*71 - 126*

Method: 8260D - Volatile Organic Compounds by GC/MS (Continued)

Lab Sample ID: MB 460-1066059/7
Matrix: Solid
Analysis Batch: 1066059

Client Sample ID: Method Blank
Prep Type: Total/NA

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1-Trichloroethane	0.0010	U	0.0010	0.00023	mg/Kg			10/05/25 23:41	1
1,1,2,2-Tetrachloroethane	0.0010	U	0.0010	0.00052	mg/Kg			10/05/25 23:41	1
1,1,2-Trichloro-1,2,2-trifluoroethane	0.0010	U	0.0010	0.00030	mg/Kg			10/05/25 23:41	1
1,1,2-Trichloroethane	0.0010	U	0.0010	0.00060	mg/Kg			10/05/25 23:41	1
1,1-Dichloroethane	0.0010	U	0.0010	0.00060	mg/Kg			10/05/25 23:41	1
1,1-Dichloroethene	0.0010	U	0.0010	0.00023	mg/Kg			10/05/25 23:41	1
1,2,3-Trichlorobenzene	0.0010	U	0.0010	0.00074	mg/Kg			10/05/25 23:41	1
1,2,4-Trichlorobenzene	0.0010	U	0.0010	0.00036	mg/Kg			10/05/25 23:41	1
1,2,4-Trimethylbenzene	0.0010	U	0.0010	0.00025	mg/Kg			10/05/25 23:41	1
1,2-Dibromo-3-Chloropropane	0.0010	U	0.0010	0.00046	mg/Kg			10/05/25 23:41	1
1,2-Dichlorobenzene	0.0010	U	0.0010	0.00036	mg/Kg			10/05/25 23:41	1
1,2-Dichloroethane	0.0010	U	0.0010	0.00030	mg/Kg			10/05/25 23:41	1
1,2-Dichloropropane	0.0010	U	0.0010	0.00042	mg/Kg			10/05/25 23:41	1
1,3,5-Trimethylbenzene	0.0010	U	0.0010	0.00031	mg/Kg			10/05/25 23:41	1
1,3-Dichlorobenzene	0.0010	U	0.0010	0.00037	mg/Kg			10/05/25 23:41	1
1,4-Dichlorobenzene	0.0010	U	0.0010	0.00052	mg/Kg			10/05/25 23:41	1
2-Butanone (MEK)	0.0050	U	0.0050	0.00037	mg/Kg			10/05/25 23:41	1
2-Hexanone	0.0050	U	0.0050	0.0017	mg/Kg			10/05/25 23:41	1
4-Methyl-2-pentanone (MIBK)	0.0050	U	0.0050	0.0016	mg/Kg			10/05/25 23:41	1
Acetone	0.0060	U	0.0060	0.0057	mg/Kg			10/05/25 23:41	1
Benzene	0.0010	U	0.0010	0.00057	mg/Kg			10/05/25 23:41	1
Bromoform	0.0010	U	0.0010	0.00043	mg/Kg			10/05/25 23:41	1
Bromomethane	0.0020	U	0.0020	0.0010	mg/Kg			10/05/25 23:41	1
Carbon disulfide	0.0010	U	0.0010	0.00027	mg/Kg			10/05/25 23:41	1
Carbon tetrachloride	0.0010	U	0.0010	0.00039	mg/Kg			10/05/25 23:41	1
Chlorobenzene	0.0010	U	0.0010	0.00051	mg/Kg			10/05/25 23:41	1
Chlorobromomethane	0.0010	U	0.0010	0.00060	mg/Kg			10/05/25 23:41	1
Chlorodibromomethane	0.0010	U	0.0010	0.00054	mg/Kg			10/05/25 23:41	1
Chloroethane	0.0010	U	0.0010	0.00052	mg/Kg			10/05/25 23:41	1
Chloroform	0.0010	U	0.0010	0.00097	mg/Kg			10/05/25 23:41	1
Chloromethane	0.0010	U	0.0010	0.00044	mg/Kg			10/05/25 23:41	1
cis-1,2-Dichloroethene	0.0010	U	0.0010	0.00036	mg/Kg			10/05/25 23:41	1
cis-1,3-Dichloropropene	0.0010	U	0.0010	0.00027	mg/Kg			10/05/25 23:41	1
Cyclohexane	0.0010	U	0.0010	0.00022	mg/Kg			10/05/25 23:41	1
Dichlorobromomethane	0.0010	U	0.0010	0.00026	mg/Kg			10/05/25 23:41	1
Dichlorodifluoromethane	0.0010	U	0.0010	0.00034	mg/Kg			10/05/25 23:41	1
Ethylbenzene	0.0010	U	0.0010	0.00047	mg/Kg			10/05/25 23:41	1
Ethylene Dibromide	0.0010	U	0.0010	0.00050	mg/Kg			10/05/25 23:41	1
Isopropylbenzene	0.0010	U	0.0010	0.00029	mg/Kg			10/05/25 23:41	1
Methyl acetate	0.0050	U	0.0050	0.0043	mg/Kg			10/05/25 23:41	1
Methyl tert-butyl ether	0.0010	U	0.0010	0.00051	mg/Kg			10/05/25 23:41	1
Methylcyclohexane	0.0010	U	0.0010	0.00050	mg/Kg			10/05/25 23:41	1
Methylene Chloride	0.0020	U	0.0020	0.0011	mg/Kg			10/05/25 23:41	1
m-Xylene & p-Xylene	0.0010	U	0.0010	0.00042	mg/Kg			10/05/25 23:41	1
n-Butylbenzene	0.0010	U	0.0010	0.00029	mg/Kg			10/05/25 23:41	1
N-Propylbenzene	0.0010	U	0.0010	0.00045	mg/Kg			10/05/25 23:41	1
o-Xylene	0.0010	U	0.0010	0.00046	mg/Kg			10/05/25 23:41	1
sec-Butylbenzene	0.0010	U	0.0010	0.00029	mg/Kg			10/05/25 23:41	1

Method: 8260D - Volatile Organic Compounds by GC/MS (Continued)

Lab Sample ID: MB 460-1066059/7
Matrix: Solid
Analysis Batch: 1066059

Client Sample ID: Method Blank
Prep Type: Total/NA

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Styrene	0.0010	U	0.0010	0.00028	mg/Kg			10/05/25 23:41	1
Styrene	0.0010	U	0.0010	0.00028	mg/Kg			10/05/25 23:41	1
tert-Butylbenzene	0.0010	U	0.0010	0.00028	mg/Kg			10/05/25 23:41	1
Tetrachloroethene	0.0010	U	0.0010	0.00031	mg/Kg			10/05/25 23:41	1
Toluene	0.0010	U	0.0010	0.00023	mg/Kg			10/05/25 23:41	1
trans-1,2-Dichloroethene	0.0010	U	0.0010	0.00025	mg/Kg			10/05/25 23:41	1
trans-1,3-Dichloropropene	0.0010	U	0.0010	0.00027	mg/Kg			10/05/25 23:41	1
Trichloroethene	0.0010	U	0.0010	0.00032	mg/Kg			10/05/25 23:41	1
Trichlorofluoromethane	0.0010	U	0.0010	0.00041	mg/Kg			10/05/25 23:41	1
Vinyl chloride	0.0010	U	0.0010	0.00055	mg/Kg			10/05/25 23:41	1
Xylenes, Total	0.0020	U	0.0020	0.00017	mg/Kg			10/05/25 23:41	1

Surrogate	*MB %Recovery*	*MB Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,2-Dichloroethane-d4 (Surr)	*96*		*65 - 138*		*10/05/25 23:41*	*1*
4-Bromofluorobenzene	*94*		*71 - 128*		*10/05/25 23:41*	*1*
Dibromofluoromethane (Surr)	*98*		*50 - 150*		*10/05/25 23:41*	*1*
Toluene-d8 (Surr)	*100*		*71 - 126*		*10/05/25 23:41*	*1*

Lab Sample ID: LCS 460-1066059/3
Matrix: Solid
Analysis Batch: 1066059

Client Sample ID: Lab Control Sample
Prep Type: Total/NA

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
1,1,1-Trichloroethane	0.0200	0.0196		mg/Kg		98	78 - 120
1,1,2,2-Tetrachloroethane	0.0200	0.0199		mg/Kg		100	70 - 133
1,1,2-Trichloro-1,2,2-trifluoroethane	0.0200	0.0215		mg/Kg		107	75 - 121
1,1,2-Trichloroethane	0.0200	0.0205		mg/Kg		103	80 - 120
1,1-Dichloroethane	0.0200	0.0203		mg/Kg		101	72 - 120
1,1-Dichloroethene	0.0200	0.0218		mg/Kg		109	76 - 120
1,2,3-Trichlorobenzene	0.0200	0.0191		mg/Kg		96	77 - 137
1,2,4-Trichlorobenzene	0.0200	0.0187		mg/Kg		93	77 - 136
1,2,4-Trimethylbenzene	0.0200	0.0206		mg/Kg		103	75 - 120
1,2-Dibromo-3-Chloropropane	0.0200	0.0181		mg/Kg		91	80 - 124
1,2-Dichlorobenzene	0.0200	0.0204		mg/Kg		102	80 - 120
1,2-Dichloroethane	0.0200	0.0187		mg/Kg		93	70 - 123
1,2-Dichloropropane	0.0200	0.0200		mg/Kg		100	73 - 124
1,3,5-Trimethylbenzene	0.0200	0.0204		mg/Kg		102	70 - 120
1,3-Dichlorobenzene	0.0200	0.0208		mg/Kg		104	80 - 120
1,4-Dichlorobenzene	0.0200	0.0198		mg/Kg		99	80 - 120
2-Butanone (MEK)	0.100	0.105		mg/Kg		105	64 - 128
2-Hexanone	0.100	0.106		mg/Kg		106	75 - 120
4-Methyl-2-pentanone (MIBK)	0.100	0.109		mg/Kg		109	80 - 120
Acetone	0.100	0.102		mg/Kg		102	58 - 122
Benzene	0.0200	0.0208		mg/Kg		104	75 - 120
Bromoform	0.0200	0.0196		mg/Kg		98	61 - 125
Bromomethane	0.0200	0.0147		mg/Kg		74	37 - 150
Carbon disulfide	0.0200	0.0217		mg/Kg		109	57 - 133
Carbon tetrachloride	0.0200	0.0193		mg/Kg		96	66 - 127

Method: 8260D - Volatile Organic Compounds by GC/MS (Continued)

Lab Sample ID: LCS 460-1066059/3
Matrix: Solid
Analysis Batch: 1066059

Client Sample ID: Lab Control Sample
Prep Type: Total/NA

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
Chlorobenzene	0.0200	0.0202		mg/Kg		101	80 - 120
Chlorobromomethane	0.0200	0.0205		mg/Kg		102	76 - 127
Chlorodibromomethane	0.0200	0.0196		mg/Kg		98	72 - 120
Chloroethane	0.0200	0.0184		mg/Kg		92	60 - 123
Chloroform	0.0200	0.0198		mg/Kg		99	79 - 126
Chloromethane	0.0200	0.0212		mg/Kg		106	46 - 122
cis-1,2-Dichloroethene	0.0200	0.0196		mg/Kg		98	80 - 123
cis-1,3-Dichloropropene	0.0200	0.0193		mg/Kg		96	75 - 120
Cyclohexane	0.0200	0.0222		mg/Kg		111	65 - 132
Dichlorobromomethane	0.0200	0.0190		mg/Kg		95	77 - 124
Dichlorodifluoromethane	0.0200	0.0248		mg/Kg		124	45 - 129
Ethylbenzene	0.0200	0.0206		mg/Kg		103	80 - 120
Ethylene Dibromide	0.0200	0.0199		mg/Kg		100	79 - 120
Isopropylbenzene	0.0200	0.0210		mg/Kg		105	74 - 120
Methyl acetate	0.0400	0.0366		mg/Kg		91	57 - 120
Methyl tert-butyl ether	0.0200	0.0188		mg/Kg		94	74 - 125
Methylcyclohexane	0.0200	0.0220		mg/Kg		110	66 - 125
Methylene Chloride	0.0200	0.0214		mg/Kg		107	78 - 120
m-Xylene & p-Xylene	0.0200	0.0209		mg/Kg		104	80 - 120
n-Butylbenzene	0.0200	0.0208		mg/Kg		104	72 - 120
N-Propylbenzene	0.0200	0.0203		mg/Kg		101	68 - 120
o-Xylene	0.0200	0.0209		mg/Kg		104	80 - 120
sec-Butylbenzene	0.0200	0.0212		mg/Kg		106	78 - 120
Styrene	0.0200	0.0216		mg/Kg		108	80 - 120
tert-Butylbenzene	0.0200	0.0208		mg/Kg		104	80 - 120
Tetrachloroethene	0.0200	0.0197		mg/Kg		99	73 - 120
Toluene	0.0200	0.0203		mg/Kg		101	80 - 120
trans-1,2-Dichloroethene	0.0200	0.0203		mg/Kg		102	78 - 120
trans-1,3-Dichloropropene	0.0200	0.0188		mg/Kg		94	77 - 120
Trichloroethene	0.0200	0.0194		mg/Kg		97	80 - 120
Trichlorofluoromethane	0.0200	0.0197		mg/Kg		99	61 - 130
Vinyl chloride	0.0200	0.0214		mg/Kg		107	54 - 122
Xylenes, Total	0.0400	0.0418		mg/Kg		104	80 - 120

Surrogate	*LCS %Recovery*	*LCS Qualifier*	*Limits*
1,2-Dichloroethane-d4 (Surr)	*94*		*65 - 138*
4-Bromofluorobenzene	*97*		*71 - 128*
Dibromofluoromethane (Surr)	*95*		*50 - 150*
Toluene-d8 (Surr)	*99*		*71 - 126*

Lab Sample ID: LCSD 460-1066059/4
Matrix: Solid
Analysis Batch: 1066059

Client Sample ID: Lab Control Sample Dup
Prep Type: Total/NA

Analyte	Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
1,1,1-Trichloroethane	0.0200	0.0193		mg/Kg		97	78 - 120	2	30
1,1,2,2-Tetrachloroethane	0.0200	0.0195		mg/Kg		97	70 - 133	2	30
1,1,2-Trichloro-1,2,2-trifluoroethane	0.0200	0.0209		mg/Kg		104	75 - 121	3	30

Method: 8260D - Volatile Organic Compounds by GC/MS (Continued)

Lab Sample ID: LCSD 460-1066059/4
Matrix: Solid
Analysis Batch: 1066059

Client Sample ID: Lab Control Sample Dup
Prep Type: Total/NA

Analyte	Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
1,1,2-Trichloroethane	0.0200	0.0199		mg/Kg		99	80 - 120	3	30
1,1-Dichloroethane	0.0200	0.0199		mg/Kg		99	72 - 120	2	30
1,1-Dichloroethene	0.0200	0.0215		mg/Kg		108	76 - 120	1	30
1,2,3-Trichlorobenzene	0.0200	0.0197		mg/Kg		98	77 - 137	3	30
1,2,4-Trichlorobenzene	0.0200	0.0192		mg/Kg		96	77 - 136	3	30
1,2,4-Trimethylbenzene	0.0200	0.0206		mg/Kg		103	75 - 120	0	30
1,2-Dibromo-3-Chloropropane	0.0200	0.0176		mg/Kg		88	80 - 124	3	30
1,2-Dichlorobenzene	0.0200	0.0203		mg/Kg		102	80 - 120	0	30
1,2-Dichloroethane	0.0200	0.0181		mg/Kg		90	70 - 123	3	30
1,2-Dichloropropane	0.0200	0.0193		mg/Kg		96	73 - 124	4	30
1,3,5-Trimethylbenzene	0.0200	0.0205		mg/Kg		102	70 - 120	0	30
1,3-Dichlorobenzene	0.0200	0.0210		mg/Kg		105	80 - 120	1	30
1,4-Dichlorobenzene	0.0200	0.0202		mg/Kg		101	80 - 120	2	30
2-Butanone (MEK)	0.100	0.100		mg/Kg		100	64 - 128	5	30
2-Hexanone	0.100	0.102		mg/Kg		102	75 - 120	4	30
4-Methyl-2-pentanone (MIBK)	0.100	0.103		mg/Kg		103	80 - 120	5	30
Acetone	0.100	0.0963		mg/Kg		96	58 - 122	6	30
Benzene	0.0200	0.0204		mg/Kg		102	75 - 120	2	30
Bromoform	0.0200	0.0188		mg/Kg		94	61 - 125	4	30
Bromomethane	0.0200	0.0133		mg/Kg		67	37 - 150	10	30
Carbon disulfide	0.0200	0.0212		mg/Kg		106	57 - 133	2	30
Carbon tetrachloride	0.0200	0.0188		mg/Kg		94	66 - 127	3	30
Chlorobenzene	0.0200	0.0200		mg/Kg		100	80 - 120	1	30
Chlorobromomethane	0.0200	0.0198		mg/Kg		99	76 - 127	3	30
Chlorodibromomethane	0.0200	0.0191		mg/Kg		96	72 - 120	2	30
Chloroethane	0.0200	0.0172		mg/Kg		86	60 - 123	7	30
Chloroform	0.0200	0.0195		mg/Kg		98	79 - 126	1	30
Chloromethane	0.0200	0.0199		mg/Kg		99	46 - 122	6	30
cis-1,2-Dichloroethene	0.0200	0.0194		mg/Kg		97	80 - 123	1	30
cis-1,3-Dichloropropene	0.0200	0.0187		mg/Kg		94	75 - 120	3	30
Cyclohexane	0.0200	0.0218		mg/Kg		109	65 - 132	2	30
Dichlorobromomethane	0.0200	0.0186		mg/Kg		93	77 - 124	2	30
Dichlorodifluoromethane	0.0200	0.0230		mg/Kg		115	45 - 129	8	30
Ethylbenzene	0.0200	0.0205		mg/Kg		102	80 - 120	1	30
Ethylene Dibromide	0.0200	0.0195		mg/Kg		97	79 - 120	2	30
Isopropylbenzene	0.0200	0.0207		mg/Kg		104	74 - 120	1	30
Methyl acetate	0.0400	0.0350		mg/Kg		88	57 - 120	4	30
Methyl tert-butyl ether	0.0200	0.0186		mg/Kg		93	74 - 125	1	30
Methylcyclohexane	0.0200	0.0214		mg/Kg		107	66 - 125	3	30
Methylene Chloride	0.0200	0.0206		mg/Kg		103	78 - 120	4	30
m-Xylene & p-Xylene	0.0200	0.0206		mg/Kg		103	80 - 120	2	30
n-Butylbenzene	0.0200	0.0211		mg/Kg		106	72 - 120	1	30
N-Propylbenzene	0.0200	0.0202		mg/Kg		101	68 - 120	0	30
o-Xylene	0.0200	0.0207		mg/Kg		103	80 - 120	1	30
sec-Butylbenzene	0.0200	0.0212		mg/Kg		106	78 - 120	0	30
Styrene	0.0200	0.0206		mg/Kg		103	80 - 120	5	30
tert-Butylbenzene	0.0200	0.0207		mg/Kg		104	80 - 120	0	30
Tetrachloroethene	0.0200	0.0198		mg/Kg		99	73 - 120	0	30
Toluene	0.0200	0.0199		mg/Kg		99	80 - 120	2	30

Method: 8260D - Volatile Organic Compounds by GC/MS (Continued)

Lab Sample ID: LCSD 460-1066059/4
Matrix: Solid
Analysis Batch: 1066059

Client Sample ID: Lab Control Sample Dup
Prep Type: Total/NA

Analyte			Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
trans-1,2-Dichloroethene			0.0200	0.0200		mg/Kg		100	78 - 120	1	30
trans-1,3-Dichloropropene			0.0200	0.0182		mg/Kg		91	77 - 120	3	30
Trichloroethene			0.0200	0.0195		mg/Kg		97	80 - 120	0	30
Trichlorofluoromethane			0.0200	0.0186		mg/Kg		93	61 - 130	6	30
Vinyl chloride			0.0200	0.0201		mg/Kg		100	54 - 122	6	30
Xylenes, Total			0.0400	0.0412		mg/Kg		103	80 - 120	1	30

Surrogate	*LCSD %Recovery*	*LCSD Qualifier*	*Limits*
1,2-Dichloroethane-d4 (Surr)	*93*		*65 - 138*
4-Bromofluorobenzene	*97*		*71 - 128*
Dibromofluoromethane (Surr)	*94*		*50 - 150*
Toluene-d8 (Surr)	*99*		*71 - 126*

Method: 8270E - Semivolatile Organic Compounds (GC/MS)

Lab Sample ID: MB 460-1064934/1-A
Matrix: Solid
Analysis Batch: 1064969

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 1064934

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1'-Biphenyl	0.33	U	0.33	0.012	mg/Kg		09/30/25 22:25	10/01/25 07:18	1
1,2,4,5-Tetrachlorobenzene	0.33	U	0.33	0.010	mg/Kg		09/30/25 22:25	10/01/25 07:18	1
1,4-Dioxane	0.033	U	0.033	0.029	mg/Kg		09/30/25 22:25	10/01/25 07:18	1
2,2'-oxybis[1-chloropropane]	0.33	U	0.33	0.020	mg/Kg		09/30/25 22:25	10/01/25 07:18	1
2,3,4,6-Tetrachlorophenol	0.33	U	0.33	0.022	mg/Kg		09/30/25 22:25	10/01/25 07:18	1
2,4,5-Trichlorophenol	0.33	U	0.33	0.034	mg/Kg		09/30/25 22:25	10/01/25 07:18	1
2,4,6-Trichlorophenol	0.13	U	0.13	0.042	mg/Kg		09/30/25 22:25	10/01/25 07:18	1
2,4-Dichlorophenol	0.13	U	0.13	0.021	mg/Kg		09/30/25 22:25	10/01/25 07:18	1
2,4-Dimethylphenol	0.33	U	0.33	0.039	mg/Kg		09/30/25 22:25	10/01/25 07:18	1
2,4-Dinitrophenol	0.27	U	0.27	0.16	mg/Kg		09/30/25 22:25	10/01/25 07:18	1
2,4-Dinitrotoluene	0.067	U	0.067	0.036	mg/Kg		09/30/25 22:25	10/01/25 07:18	1
2,6-Dinitrotoluene	0.067	U	0.067	0.024	mg/Kg		09/30/25 22:25	10/01/25 07:18	1
2-Chloronaphthalene	0.33	U	0.33	0.043	mg/Kg		09/30/25 22:25	10/01/25 07:18	1
2-Chlorophenol	0.33	U	0.33	0.012	mg/Kg		09/30/25 22:25	10/01/25 07:18	1
2-Methylnaphthalene	0.33	U	0.33	0.0093	mg/Kg		09/30/25 22:25	10/01/25 07:18	1
2-Methylphenol	0.33	U	0.33	0.012	mg/Kg		09/30/25 22:25	10/01/25 07:18	1
2-Nitroaniline	0.33	U	0.33	0.025	mg/Kg		09/30/25 22:25	10/01/25 07:18	1
2-Nitrophenol	0.33	U	0.33	0.033	mg/Kg		09/30/25 22:25	10/01/25 07:18	1
3 & 4 Methylphenol	0.33	U	0.33	0.021	mg/Kg		09/30/25 22:25	10/01/25 07:18	1
3,3'-Dichlorobenzidine	0.13	U	0.13	0.050	mg/Kg		09/30/25 22:25	10/01/25 07:18	1
3-Nitroaniline	0.33	U	0.33	0.079	mg/Kg		09/30/25 22:25	10/01/25 07:18	1
4,6-Dinitro-2-methylphenol	0.27	U	0.27	0.14	mg/Kg		09/30/25 22:25	10/01/25 07:18	1
4-Bromophenyl phenyl ether	0.33	U	0.33	0.013	mg/Kg		09/30/25 22:25	10/01/25 07:18	1
4-Chloro-3-methylphenol	0.33	U	0.33	0.019	mg/Kg		09/30/25 22:25	10/01/25 07:18	1
4-Chloroaniline	0.33	U	0.33	0.059	mg/Kg		09/30/25 22:25	10/01/25 07:18	1
4-Chlorophenyl phenyl ether	0.33	U	0.33	0.012	mg/Kg		09/30/25 22:25	10/01/25 07:18	1
4-Methylphenol	0.33	U	0.33	0.021	mg/Kg		09/30/25 22:25	10/01/25 07:18	1
4-Nitroaniline	0.33	U	0.33	0.084	mg/Kg		09/30/25 22:25	10/01/25 07:18	1
4-Nitrophenol	0.67	U	0.67	0.054	mg/Kg		09/30/25 22:25	10/01/25 07:18	1

Method: 8270E - Semivolatile Organic Compounds (GC/MS) (Continued)

Lab Sample ID: MB 460-1064934/1-A
Matrix: Solid
Analysis Batch: 1064969

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 1064934

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Acenaphthene	0.33	U	0.33	0.0094	mg/Kg		09/30/25 22:25	10/01/25 07:18	1
Acenaphthene	0.33	U	0.33	0.0094	mg/Kg		09/30/25 22:25	10/01/25 07:18	1
Acenaphthylene	0.33	U	0.33	0.0095	mg/Kg		09/30/25 22:25	10/01/25 07:18	1
Acetophenone	0.33	U	0.33	0.016	mg/Kg		09/30/25 22:25	10/01/25 07:18	1
Anthracene	0.33	U	0.33	0.010	mg/Kg		09/30/25 22:25	10/01/25 07:18	1
Atrazine	0.13	U	0.13	0.019	mg/Kg		09/30/25 22:25	10/01/25 07:18	1
Benzaldehyde	0.33	U	0.33	0.055	mg/Kg		09/30/25 22:25	10/01/25 07:18	1
Benzo[a]anthracene	0.033	U	0.033	0.025	mg/Kg		09/30/25 22:25	10/01/25 07:18	1
Benzo[a]pyrene	0.033	U	0.033	0.0088	mg/Kg		09/30/25 22:25	10/01/25 07:18	1
Benzo[b]fluoranthene	0.033	U	0.033	0.0086	mg/Kg		09/30/25 22:25	10/01/25 07:18	1
Benzo[g,h,i]perylene	0.33	U	0.33	0.0098	mg/Kg		09/30/25 22:25	10/01/25 07:18	1
Benzo[k]fluoranthene	0.033	U	0.033	0.0065	mg/Kg		09/30/25 22:25	10/01/25 07:18	1
Bis(2-chloroethoxy)methane	0.33	U	0.33	0.061	mg/Kg		09/30/25 22:25	10/01/25 07:18	1
Bis(2-chloroethyl)ether	0.033	U	0.033	0.012	mg/Kg		09/30/25 22:25	10/01/25 07:18	1
Bis(2-ethylhexyl) phthalate	0.33	U	0.33	0.017	mg/Kg		09/30/25 22:25	10/01/25 07:18	1
Butyl benzyl phthalate	0.33	U	0.33	0.016	mg/Kg		09/30/25 22:25	10/01/25 07:18	1
Caprolactam	0.33	U	0.33	0.051	mg/Kg		09/30/25 22:25	10/01/25 07:18	1
Carbazole	0.33	U	0.33	0.013	mg/Kg		09/30/25 22:25	10/01/25 07:18	1
Chrysene	0.33	U	0.33	0.014	mg/Kg		09/30/25 22:25	10/01/25 07:18	1
Dibenz(a,h)anthracene	0.033	U	0.033	0.014	mg/Kg		09/30/25 22:25	10/01/25 07:18	1
Dibenzofuran	0.33	U	0.33	0.011	mg/Kg		09/30/25 22:25	10/01/25 07:18	1
Diethyl phthalate	0.33	U	0.33	0.011	mg/Kg		09/30/25 22:25	10/01/25 07:18	1
Dimethyl phthalate	0.33	U	0.33	0.075	mg/Kg		09/30/25 22:25	10/01/25 07:18	1
Di-n-butyl phthalate	0.33	U	0.33	0.012	mg/Kg		09/30/25 22:25	10/01/25 07:18	1
Di-n-octyl phthalate	0.33	U	0.33	0.018	mg/Kg		09/30/25 22:25	10/01/25 07:18	1
Fluoranthene	0.33	U	0.33	0.012	mg/Kg		09/30/25 22:25	10/01/25 07:18	1
Fluorene	0.33	U	0.33	0.0097	mg/Kg		09/30/25 22:25	10/01/25 07:18	1
Hexachlorobenzene	0.033	U	0.033	0.016	mg/Kg		09/30/25 22:25	10/01/25 07:18	1
Hexachlorobutadiene	0.067	U	0.067	0.0070	mg/Kg		09/30/25 22:25	10/01/25 07:18	1
Hexachlorocyclopentadiene	0.33	U	0.33	0.029	mg/Kg		09/30/25 22:25	10/01/25 07:18	1
Hexachloroethane	0.033	U	0.033	0.011	mg/Kg		09/30/25 22:25	10/01/25 07:18	1
Indeno[1,2,3-cd]pyrene	0.033	U	0.033	0.013	mg/Kg		09/30/25 22:25	10/01/25 07:18	1
Isophorone	0.13	U	0.13	0.096	mg/Kg		09/30/25 22:25	10/01/25 07:18	1
Naphthalene	0.33	U	0.33	0.0057	mg/Kg		09/30/25 22:25	10/01/25 07:18	1
Nitrobenzene	0.033	U	0.033	0.018	mg/Kg		09/30/25 22:25	10/01/25 07:18	1
N-Nitrosodi-n-propylamine	0.033	U	0.033	0.024	mg/Kg		09/30/25 22:25	10/01/25 07:18	1
N-Nitrosodiphenylamine	0.33	U	0.33	0.027	mg/Kg		09/30/25 22:25	10/01/25 07:18	1
Pentachlorophenol	0.27	U	0.27	0.068	mg/Kg		09/30/25 22:25	10/01/25 07:18	1
Phenanthrene	0.33	U	0.33	0.014	mg/Kg		09/30/25 22:25	10/01/25 07:18	1
Phenol	0.33	U	0.33	0.012	mg/Kg		09/30/25 22:25	10/01/25 07:18	1
Pyrene	0.33	U	0.33	0.0082	mg/Kg		09/30/25 22:25	10/01/25 07:18	1

Surrogate	*MB %Recovery*	*MB Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
2,4,6-Tribromophenol (Surr)	*66*		*18 - 137*	*09/30/25 22:25*	*10/01/25 07:18*	*1*
2-Fluorobiphenyl	*61*		*33 - 117*	*09/30/25 22:25*	*10/01/25 07:18*	*1*
2-Fluorophenol (Surr)	*63*		*24 - 120*	*09/30/25 22:25*	*10/01/25 07:18*	*1*
Nitrobenzene-d5 (Surr)	*63*		*27 - 120*	*09/30/25 22:25*	*10/01/25 07:18*	*1*
Phenol-d5 (Surr)	*63*		*28 - 118*	*09/30/25 22:25*	*10/01/25 07:18*	*1*

Method: 8270E - Semivolatile Organic Compounds (GC/MS) (Continued)

Lab Sample ID: MB 460-1064934/1-A
Matrix: Solid
Analysis Batch: 1064969

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 1064934

Surrogate	MB %Recovery	MB Qualifier	Limits	Prepared	Analyzed	Dil Fac
Terphenyl-d14 (Surr)	75		33 - 124	09/30/25 22:25	10/01/25 07:18	1

Lab Sample ID: LCS 460-1064934/2-A
Matrix: Solid
Analysis Batch: 1064969

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 1064934

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
1,1'-Biphenyl	3.33	2.66		mg/Kg		80	64 - 120
1,2,4,5-Tetrachlorobenzene	3.33	2.65		mg/Kg		79	60 - 120
1,4-Dioxane	3.33	2.46		mg/Kg		74	31 - 105
2,2'-oxybis[1-chloropropane]	3.33	2.99		mg/Kg		90	50 - 126
2,3,4,6-Tetrachlorophenol	3.33	2.71		mg/Kg		81	62 - 120
2,4,5-Trichlorophenol	3.33	2.78		mg/Kg		83	64 - 120
2,4,6-Trichlorophenol	3.33	2.75		mg/Kg		82	65 - 120
2,4-Dichlorophenol	3.33	2.91		mg/Kg		87	66 - 120
2,4-Dimethylphenol	3.33	2.88		mg/Kg		86	75 - 136
2,4-Dinitrophenol	6.67	6.18		mg/Kg		93	41 - 120
2,4-Dinitrotoluene	3.33	3.04		mg/Kg		91	65 - 124
2,6-Dinitrotoluene	3.33	3.09		mg/Kg		93	67 - 121
2-Chloronaphthalene	3.33	2.70		mg/Kg		81	64 - 120
2-Chlorophenol	3.33	2.89		mg/Kg		87	63 - 120
2-Methylnaphthalene	3.33	2.88		mg/Kg		86	56 - 102
2-Methylphenol	3.33	2.89		mg/Kg		87	63 - 120
2-Nitroaniline	3.33	2.80		mg/Kg		84	52 - 120
2-Nitrophenol	3.33	3.17		mg/Kg		95	64 - 120
3 & 4 Methylphenol	3.33	2.93		mg/Kg		88	61 - 120
3,3'-Dichlorobenzidine	3.33	2.31		mg/Kg		69	10 - 106
3-Nitroaniline	3.33	2.60		mg/Kg		78	18 - 105
4,6-Dinitro-2-methylphenol	6.67	6.11		mg/Kg		92	61 - 127
4-Bromophenyl phenyl ether	3.33	2.92		mg/Kg		88	64 - 120
4-Chloro-3-methylphenol	3.33	2.89		mg/Kg		87	68 - 120
4-Chloroaniline	3.33	2.35		mg/Kg		70	10 - 107
4-Chlorophenyl phenyl ether	3.33	2.72		mg/Kg		82	62 - 120
4-Methylphenol	3.33	2.93		mg/Kg		88	61 - 120
4-Nitroaniline	3.33	2.46		mg/Kg		74	51 - 112
4-Nitrophenol	6.67	5.12		mg/Kg		77	52 - 122
Acenaphthene	3.33	2.59		mg/Kg		78	65 - 120
Acenaphthylene	3.33	2.71		mg/Kg		81	68 - 120
Acetophenone	3.33	2.80		mg/Kg		84	61 - 111
Anthracene	3.33	2.79		mg/Kg		84	67 - 120
Atrazine	1.33	1.84		mg/Kg		138	52 - 150
Benzaldehyde	1.33	1.53		mg/Kg		115	45 - 150
Benzo[a]anthracene	3.33	2.78		mg/Kg		83	66 - 120
Benzo[a]pyrene	3.33	2.81		mg/Kg		84	69 - 123
Benzo[b]fluoranthene	3.33	2.80		mg/Kg		84	66 - 125
Benzo[g,h,i]perylene	3.33	2.92		mg/Kg		88	66 - 138
Benzo[k]fluoranthene	3.33	2.69		mg/Kg		81	67 - 122
Bis(2-chloroethoxy)methane	3.33	2.92		mg/Kg		87	62 - 120

Method: 8270E - Semivolatile Organic Compounds (GC/MS) (Continued)

Lab Sample ID: LCS 460-1064934/2-A
Matrix: Solid
Analysis Batch: 1064969

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 1064934

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
Bis(2-chloroethyl)ether	3.33	2.93		mg/Kg		88	60 - 120
Bis(2-ethylhexyl) phthalate	3.33	2.97		mg/Kg		89	64 - 125
Butyl benzyl phthalate	3.33	3.24		mg/Kg		97	62 - 127
Caprolactam	1.33	1.87		mg/Kg		140	46 - 150
Carbazole	3.33	2.74		mg/Kg		82	64 - 120
Chrysene	3.33	2.82		mg/Kg		85	67 - 120
Dibenz(a,h)anthracene	3.33	3.19		mg/Kg		96	66 - 128
Dibenzofuran	3.33	2.67		mg/Kg		80	61 - 120
Diethyl phthalate	3.33	2.63		mg/Kg		79	63 - 120
Dimethyl phthalate	3.33	2.71		mg/Kg		81	65 - 120
Di-n-butyl phthalate	3.33	3.05		mg/Kg		91	61 - 120
Di-n-octyl phthalate	3.33	2.90		mg/Kg		87	61 - 123
Fluoranthene	3.33	2.65		mg/Kg		80	61 - 120
Fluorene	3.33	2.64		mg/Kg		79	64 - 120
Hexachlorobenzene	3.33	2.82		mg/Kg		85	66 - 120
Hexachlorobutadiene	3.33	2.77		mg/Kg		83	62 - 120
Hexachlorocyclopentadiene	3.33	2.55		mg/Kg		77	32 - 150
Hexachloroethane	3.33	2.79		mg/Kg		84	61 - 112
Indeno[1,2,3-cd]pyrene	3.33	3.13		mg/Kg		94	63 - 137
Isophorone	3.33	2.91		mg/Kg		87	61 - 120
Naphthalene	3.33	2.76		mg/Kg		83	63 - 113
Nitrobenzene	3.33	2.89		mg/Kg		87	63 - 120
N-Nitrosodi-n-propylamine	3.33	2.91		mg/Kg		87	60 - 120
N-Nitrosodiphenylamine	3.33	2.86		mg/Kg		86	63 - 120
Pentachlorophenol	6.67	5.54		mg/Kg		83	61 - 126
Phenanthrene	3.33	2.81		mg/Kg		84	66 - 120
Phenol	3.33	2.94		mg/Kg		88	63 - 120
Pyrene	3.33	2.91		mg/Kg		87	61 - 121

Surrogate	*LCS %Recovery*	*LCS Qualifier*	*Limits*
2,4,6-Tribromophenol (Surr)	*78*		*18 - 137*
2-Fluorobiphenyl	*76*		*33 - 117*
2-Fluorophenol (Surr)	*80*		*24 - 120*
Nitrobenzene-d5 (Surr)	*81*		*27 - 120*
Phenol-d5 (Surr)	*81*		*28 - 118*
Terphenyl-d14 (Surr)	*82*		*33 - 124*

Lab Sample ID: LCSD 460-1064934/3-A
Matrix: Solid
Analysis Batch: 1064969

Client Sample ID: Lab Control Sample Dup
Prep Type: Total/NA
Prep Batch: 1064934

Analyte	Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
1,1'-Biphenyl	3.33	2.64		mg/Kg		79	64 - 120	1	30
1,2,4,5-Tetrachlorobenzene	3.33	2.65		mg/Kg		79	60 - 120	0	30
1,4-Dioxane	3.33	2.49		mg/Kg		75	31 - 105	1	30
2,2'-oxybis[1-chloropropane]	3.33	3.04		mg/Kg		91	50 - 126	2	30
2,3,4,6-Tetrachlorophenol	3.33	2.69		mg/Kg		81	62 - 120	1	30
2,4,5-Trichlorophenol	3.33	2.78		mg/Kg		83	64 - 120	0	30

Method: 8270E - Semivolatile Organic Compounds (GC/MS) (Continued)

Lab Sample ID: LCSD 460-1064934/3-A
Matrix: Solid
Analysis Batch: 1064969

Client Sample ID: Lab Control Sample Dup
Prep Type: Total/NA
Prep Batch: 1064934

Analyte			Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
2,4,6-Trichlorophenol			3.33	2.77		mg/Kg		83	65 - 120	1	30
2,4-Dichlorophenol			3.33	2.92		mg/Kg		88	66 - 120	0	30
2,4-Dimethylphenol			3.33	2.89		mg/Kg		87	75 - 136	0	30
2,4-Dinitrophenol			6.67	6.25		mg/Kg		94	41 - 120	1	30
2,4-Dinitrotoluene			3.33	3.05		mg/Kg		92	65 - 124	0	30
2,6-Dinitrotoluene			3.33	3.07		mg/Kg		92	67 - 121	0	30
2-Chloronaphthalene			3.33	2.68		mg/Kg		80	64 - 120	1	30
2-Chlorophenol			3.33	2.90		mg/Kg		87	63 - 120	0	30
2-Methylnaphthalene			3.33	2.87		mg/Kg		86	56 - 102	0	30
2-Methylphenol			3.33	2.95		mg/Kg		88	63 - 120	2	30
2-Nitroaniline			3.33	2.81		mg/Kg		84	52 - 120	0	30
2-Nitrophenol			3.33	3.18		mg/Kg		96	64 - 120	0	30
3 & 4 Methylphenol			3.33	2.95		mg/Kg		88	61 - 120	1	30
3,3'-Dichlorobenzidine			3.33	2.34		mg/Kg		70	10 - 106	2	30
3-Nitroaniline			3.33	2.58		mg/Kg		78	18 - 105	1	30
4,6-Dinitro-2-methylphenol			6.67	6.12		mg/Kg		92	61 - 127	0	30
4-Bromophenyl phenyl ether			3.33	2.96		mg/Kg		89	64 - 120	1	30
4-Chloro-3-methylphenol			3.33	2.90		mg/Kg		87	68 - 120	0	30
4-Chloroaniline			3.33	2.35		mg/Kg		70	10 - 107	0	30
4-Chlorophenyl phenyl ether			3.33	2.72		mg/Kg		81	62 - 120	0	30
4-Methylphenol			3.33	2.95		mg/Kg		88	61 - 120	1	30
4-Nitroaniline			3.33	2.53		mg/Kg		76	51 - 112	3	30
4-Nitrophenol			6.67	5.14		mg/Kg		77	52 - 122	0	30
Acenaphthene			3.33	2.60		mg/Kg		78	65 - 120	0	30
Acenaphthylene			3.33	2.73		mg/Kg		82	68 - 120	1	30
Acetophenone			3.33	2.85		mg/Kg		86	61 - 111	2	30
Anthracene			3.33	2.81		mg/Kg		84	67 - 120	1	30
Atrazine			1.33	1.81		mg/Kg		136	52 - 150	1	30
Benzaldehyde			1.33	1.54		mg/Kg		116	45 - 150	0	30
Benzo[a]anthracene			3.33	2.80		mg/Kg		84	66 - 120	1	30
Benzo[a]pyrene			3.33	2.82		mg/Kg		85	69 - 123	1	30
Benzo[b]fluoranthene			3.33	2.79		mg/Kg		84	66 - 125	0	30
Benzo[g,h,i]perylene			3.33	2.92		mg/Kg		88	66 - 138	0	30
Benzo[k]fluoranthene			3.33	2.74		mg/Kg		82	67 - 122	2	30
Bis(2-chloroethoxy)methane			3.33	2.90		mg/Kg		87	62 - 120	1	30
Bis(2-chloroethyl)ether			3.33	2.97		mg/Kg		89	60 - 120	1	30
Bis(2-ethylhexyl) phthalate			3.33	3.03		mg/Kg		91	64 - 125	2	30
Butyl benzyl phthalate			3.33	3.28		mg/Kg		98	62 - 127	1	30
Caprolactam			1.33	1.84		mg/Kg		138	46 - 150	1	30
Carbazole			3.33	2.76		mg/Kg		83	64 - 120	1	30
Chrysene			3.33	2.84		mg/Kg		85	67 - 120	1	30
Dibenz(a,h)anthracene			3.33	3.18		mg/Kg		95	66 - 128	0	30
Dibenzofuran			3.33	2.67		mg/Kg		80	61 - 120	0	30
Diethyl phthalate			3.33	2.68		mg/Kg		80	63 - 120	2	30
Dimethyl phthalate			3.33	2.72		mg/Kg		82	65 - 120	0	30
Di-n-butyl phthalate			3.33	3.08		mg/Kg		93	61 - 120	1	30
Di-n-octyl phthalate			3.33	2.94		mg/Kg		88	61 - 123	1	30
Fluoranthene			3.33	2.68		mg/Kg		80	61 - 120	1	30
Fluorene			3.33	2.67		mg/Kg		80	64 - 120	1	30

Method: 8270E - Semivolatile Organic Compounds (GC/MS) (Continued)

Lab Sample ID: LCSD 460-1064934/3-A
Matrix: Solid
Analysis Batch: 1064969

Client Sample ID: Lab Control Sample Dup
Prep Type: Total/NA
Prep Batch: 1064934

Analyte			Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Hexachlorobenzene			3.33	2.88		mg/Kg		86	66 - 120	2	30
Hexachlorobutadiene			3.33	2.70		mg/Kg		81	62 - 120	2	30
Hexachlorocyclopentadiene			3.33	2.55		mg/Kg		76	32 - 150	0	30
Hexachloroethane			3.33	2.86		mg/Kg		86	61 - 112	2	30
Indeno[1,2,3-cd]pyrene			3.33	3.10		mg/Kg		93	63 - 137	1	30
Isophorone			3.33	2.92		mg/Kg		87	61 - 120	0	30
Naphthalene			3.33	2.73		mg/Kg		82	63 - 113	1	30
Nitrobenzene			3.33	2.92		mg/Kg		88	63 - 120	1	30
N-Nitrosodi-n-propylamine			3.33	2.95		mg/Kg		89	60 - 120	1	30
N-Nitrosodiphenylamine			3.33	2.89		mg/Kg		87	63 - 120	1	30
Pentachlorophenol			6.67	5.55		mg/Kg		83	61 - 126	0	30
Phenanthrene			3.33	2.81		mg/Kg		84	66 - 120	0	30
Phenol			3.33	2.93		mg/Kg		88	63 - 120	0	30
Pyrene			3.33	2.97		mg/Kg		89	61 - 121	2	30

Surrogate	*LCSD %Recovery*	*LCSD Qualifier*	*Limits*
2,4,6-Tribromophenol (Surr)	*78*		*18 - 137*
2-Fluorobiphenyl	*76*		*33 - 117*
2-Fluorophenol (Surr)	*81*		*24 - 120*
Nitrobenzene-d5 (Surr)	*80*		*27 - 120*
Phenol-d5 (Surr)	*82*		*28 - 118*
Terphenyl-d14 (Surr)	*83*		*33 - 124*

Lab Sample ID: 460-335975-1 MS
Matrix: Solid
Analysis Batch: 1064969

Client Sample ID: 59A_0-6
Prep Type: Total/NA
Prep Batch: 1064934

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec Limits
1,1'-Biphenyl	0.35	U	3.52	2.27		mg/Kg	☼	64	64 - 120
1,2,4,5-Tetrachlorobenzene	0.35	U	3.52	2.28		mg/Kg	☼	65	60 - 120
1,4-Dioxane	0.035	U	3.52	1.91		mg/Kg	☼	54	31 - 105
2,2'-oxybis[1-chloropropane]	0.35	U	3.52	2.50		mg/Kg	☼	71	50 - 126
2,3,4,6-Tetrachlorophenol	0.35	U	3.52	2.26		mg/Kg	☼	64	62 - 120
2,4,5-Trichlorophenol	0.35	U	3.52	2.36		mg/Kg	☼	67	64 - 120
2,4,6-Trichlorophenol	0.14	U	3.52	2.31		mg/Kg	☼	66	65 - 120
2,4-Dichlorophenol	0.14	U	3.52	2.49		mg/Kg	☼	71	66 - 120
2,4-Dimethylphenol	0.35	U	3.52	2.46	*	mg/Kg	☼	70	75 - 136
2,4-Dinitrophenol	0.28	U	7.03	4.99		mg/Kg	☼	71	41 - 120
2,4-Dinitrotoluene	0.071	U	3.52	2.52		mg/Kg	☼	72	65 - 124
2,6-Dinitrotoluene	0.071	U	3.52	2.61		mg/Kg	☼	74	67 - 121
2-Chloronaphthalene	0.35	U	3.52	2.31		mg/Kg	☼	66	64 - 120
2-Chlorophenol	0.35	U	3.52	2.43		mg/Kg	☼	69	63 - 120
2-Methylnaphthalene	0.35	U	3.52	2.42		mg/Kg	☼	69	56 - 102
2-Methylphenol	0.35	U	3.52	2.45		mg/Kg	☼	70	63 - 120
2-Nitroaniline	0.35	U	3.52	2.37		mg/Kg	☼	68	52 - 120
2-Nitrophenol	0.35	U	3.52	2.69		mg/Kg	☼	76	64 - 120
3 & 4 Methylphenol	0.35	U	3.52	2.47		mg/Kg	☼	70	61 - 120
3,3'-Dichlorobenzidine	0.14	U	3.52	1.42		mg/Kg	☼	40	10 - 106

Method: 8270E - Semivolatile Organic Compounds (GC/MS) (Continued)

Lab Sample ID: 460-335975-1 MS
Matrix: Solid
Analysis Batch: 1064969

Client Sample ID: 59A_0-6
Prep Type: Total/NA
Prep Batch: 1064934

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec Limits
3-Nitroaniline	0.35	U	3.52	1.84		mg/Kg	☼	52	18 - 105
4,6-Dinitro-2-methylphenol	0.28	U	7.03	5.14		mg/Kg	☼	73	61 - 127
4-Bromophenyl phenyl ether	0.35	U	3.52	2.53		mg/Kg	☼	72	64 - 120
4-Chloro-3-methylphenol	0.35	U	3.52	2.42		mg/Kg	☼	69	68 - 120
4-Chloroaniline	0.35	U	3.52	1.22		mg/Kg	☼	35	10 - 107
4-Chlorophenyl phenyl ether	0.35	U	3.52	2.31		mg/Kg	☼	66	62 - 120
4-Methylphenol	0.35	U	3.52	2.47		mg/Kg	☼	70	61 - 120
4-Nitroaniline	0.35	U	3.52	2.04		mg/Kg	☼	58	51 - 112
4-Nitrophenol	0.71	U	7.03	4.22		mg/Kg	☼	60	52 - 122
Acenaphthene	0.35	U	3.52	2.19	*	mg/Kg	☼	62	65 - 120
Acenaphthylene	0.35	U	3.52	2.35	*	mg/Kg	☼	67	68 - 120
Acetophenone	0.35	U	3.52	2.35		mg/Kg	☼	67	61 - 111
Anthracene	0.35	U	3.52	2.43		mg/Kg	☼	69	67 - 120
Atrazine	0.14	U	1.41	1.19		mg/Kg	☼	85	52 - 150
Benzaldehyde	0.35	U	1.41	1.19	E	mg/Kg	☼	85	45 - 150
Benzo[a]anthracene	0.035	U	3.52	2.35		mg/Kg	☼	67	66 - 120
Benzo[a]pyrene	0.035	U	3.52	2.40	*	mg/Kg	☼	68	69 - 123
Benzo[b]fluoranthene	0.035	U	3.52	2.39		mg/Kg	☼	68	66 - 125
Benzo[g,h,i]perylene	0.35	U	3.52	2.43		mg/Kg	☼	69	66 - 138
Benzo[k]fluoranthene	0.035	U	3.52	2.34		mg/Kg	☼	67	67 - 122
Bis(2-chloroethoxy)methane	0.35	U	3.52	2.42		mg/Kg	☼	69	62 - 120
Bis(2-chloroethyl)ether	0.035	U	3.52	2.43		mg/Kg	☼	69	60 - 120
Bis(2-ethylhexyl) phthalate	0.35	U	3.52	2.53		mg/Kg	☼	72	64 - 125
Butyl benzyl phthalate	0.35	U	3.52	2.74		mg/Kg	☼	78	62 - 127
Caprolactam	0.35	U	1.41	1.16		mg/Kg	☼	82	46 - 150
Carbazole	0.35	U	3.52	2.33		mg/Kg	☼	66	64 - 120
Chrysene	0.35	U	3.52	2.41		mg/Kg	☼	68	67 - 120
Dibenz(a,h)anthracene	0.035	U	3.52	2.64		mg/Kg	☼	75	66 - 128
Dibenzofuran	0.35	U	3.52	2.27		mg/Kg	☼	65	61 - 120
Diethyl phthalate	0.35	U	3.52	2.24		mg/Kg	☼	64	63 - 120
Dimethyl phthalate	0.35	U	3.52	2.32		mg/Kg	☼	66	65 - 120
Di-n-butyl phthalate	0.35	U	3.52	2.62		mg/Kg	☼	74	61 - 120
Di-n-octyl phthalate	0.35	U	3.52	2.56		mg/Kg	☼	73	61 - 123
Fluoranthene	0.35	U	3.52	2.27		mg/Kg	☼	64	61 - 120
Fluorene	0.35	U	3.52	2.25		mg/Kg	☼	64	64 - 120
Hexachlorobenzene	0.035	U	3.52	2.45		mg/Kg	☼	70	66 - 120
Hexachlorobutadiene	0.071	U	3.52	2.32		mg/Kg	☼	66	62 - 120
Hexachlorocyclopentadiene	0.35	U	3.52	2.20		mg/Kg	☼	63	32 - 150
Hexachloroethane	0.035	U	3.52	2.32		mg/Kg	☼	66	61 - 112
Indeno[1,2,3-cd]pyrene	0.035	U	3.52	2.59		mg/Kg	☼	74	63 - 137
Isophorone	0.14	U	3.52	2.45		mg/Kg	☼	70	61 - 120
Naphthalene	0.35	U	3.52	2.33		mg/Kg	☼	66	63 - 113
Nitrobenzene	0.035	U	3.52	2.47		mg/Kg	☼	70	63 - 120
N-Nitrosodi-n-propylamine	0.035	U	3.52	2.48		mg/Kg	☼	70	60 - 120
N-Nitrosodiphenylamine	0.35	U	3.52	2.49		mg/Kg	☼	71	63 - 120
Pentachlorophenol	0.28	U	7.03	4.71		mg/Kg	☼	67	61 - 126
Phenanthrene	0.35	U	3.52	2.44		mg/Kg	☼	69	66 - 120
Phenol	0.35	U	3.52	2.45		mg/Kg	☼	70	63 - 120
Pyrene	0.35	U	3.52	2.60		mg/Kg	☼	74	61 - 121

Method: 8270E - Semivolatile Organic Compounds (GC/MS) (Continued)

Surrogate	MS %Recovery	MS Qualifier	Limits
2,4,6-Tribromophenol (Surr)	*56*		*18 - 137*
2-Fluorobiphenyl	*58*		*33 - 117*
2-Fluorophenol (Surr)	*60*		*24 - 120*
Nitrobenzene-d5 (Surr)	*60*		*27 - 120*
Phenol-d5 (Surr)	*61*		*28 - 118*
Terphenyl-d14 (Surr)	*63*		*33 - 124*

Lab Sample ID: 460-335975-1 MSD
Matrix: Solid
Analysis Batch: 1064969

Client Sample ID: 59A_0-6
Prep Type: Total/NA
Prep Batch: 1064934

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
1,1'-Biphenyl	0.35	U	3.52	2.32		mg/Kg	☼	66	64 - 120	2	30
1,2,4,5-Tetrachlorobenzene	0.35	U	3.52	2.29		mg/Kg	☼	65	60 - 120	1	30
1,4-Dioxane	0.035	U	3.52	2.02		mg/Kg	☼	57	31 - 105	6	30
2,2'-oxybis[1-chloropropane]	0.35	U	3.52	2.62		mg/Kg	☼	75	50 - 126	5	30
2,3,4,6-Tetrachlorophenol	0.35	U	3.52	2.29		mg/Kg	☼	65	62 - 120	1	30
2,4,5-Trichlorophenol	0.35	U	3.52	2.40		mg/Kg	☼	68	64 - 120	2	30
2,4,6-Trichlorophenol	0.14	U	3.52	2.36		mg/Kg	☼	67	65 - 120	2	30
2,4-Dichlorophenol	0.14	U	3.52	2.51		mg/Kg	☼	71	66 - 120	1	30
2,4-Dimethylphenol	0.35	U	3.52	2.49	*	mg/Kg	☼	71	75 - 136	1	30
2,4-Dinitrophenol	0.28	U	7.04	5.07		mg/Kg	☼	72	41 - 120	2	30
2,4-Dinitrotoluene	0.071	U	3.52	2.58		mg/Kg	☼	73	65 - 124	2	30
2,6-Dinitrotoluene	0.071	U	3.52	2.65		mg/Kg	☼	75	67 - 121	2	30
2-Chloronaphthalene	0.35	U	3.52	2.32		mg/Kg	☼	66	64 - 120	1	30
2-Chlorophenol	0.35	U	3.52	2.53		mg/Kg	☼	72	63 - 120	4	30
2-Methylnaphthalene	0.35	U	3.52	2.46		mg/Kg	☼	70	56 - 102	2	30
2-Methylphenol	0.35	U	3.52	2.56		mg/Kg	☼	73	63 - 120	4	30
2-Nitroaniline	0.35	U	3.52	2.35		mg/Kg	☼	67	52 - 120	1	30
2-Nitrophenol	0.35	U	3.52	2.68		mg/Kg	☼	76	64 - 120	0	30
3 & 4 Methylphenol	0.35	U	3.52	2.59		mg/Kg	☼	74	61 - 120	5	30
3,3'-Dichlorobenzidine	0.14	U	3.52	1.46		mg/Kg	☼	41	10 - 106	3	30
3-Nitroaniline	0.35	U	3.52	1.84		mg/Kg	☼	52	18 - 105	0	30
4,6-Dinitro-2-methylphenol	0.28	U	7.04	5.13		mg/Kg	☼	73	61 - 127	0	30
4-Bromophenyl phenyl ether	0.35	U	3.52	2.52		mg/Kg	☼	72	64 - 120	0	30
4-Chloro-3-methylphenol	0.35	U	3.52	2.46		mg/Kg	☼	70	68 - 120	2	30
4-Chloroaniline	0.35	U	3.52	1.25		mg/Kg	☼	36	10 - 107	3	30
4-Chlorophenyl phenyl ether	0.35	U	3.52	2.30		mg/Kg	☼	65	62 - 120	0	30
4-Methylphenol	0.35	U	3.52	2.59		mg/Kg	☼	74	61 - 120	5	30
4-Nitroaniline	0.35	U	3.52	1.85		mg/Kg	☼	53	51 - 112	10	30
4-Nitrophenol	0.71	U	7.04	4.26		mg/Kg	☼	60	52 - 122	1	30
Acenaphthene	0.35	U	3.52	2.22	*	mg/Kg	☼	63	65 - 120	1	30
Acenaphthylene	0.35	U	3.52	2.35	*	mg/Kg	☼	67	68 - 120	0	30
Acetophenone	0.35	U	3.52	2.47		mg/Kg	☼	70	61 - 111	5	30
Anthracene	0.35	U	3.52	2.42		mg/Kg	☼	69	67 - 120	0	30
Atrazine	0.14	U	1.41	1.27		mg/Kg	☼	90	52 - 150	6	30
Benzaldehyde	0.35	U	1.41	1.32	E	mg/Kg	☼	94	45 - 150	11	30
Benzo[a]anthracene	0.035	U	3.52	2.38		mg/Kg	☼	68	66 - 120	1	30
Benzo[a]pyrene	0.035	U	3.52	2.44		mg/Kg	☼	69	69 - 123	2	30
Benzo[b]fluoranthene	0.035	U	3.52	2.44		mg/Kg	☼	69	66 - 125	2	30
Benzo[g,h,i]perylene	0.35	U	3.52	2.50		mg/Kg	☼	71	66 - 138	3	30

Method: 8270E - Semivolatile Organic Compounds (GC/MS) (Continued)

Lab Sample ID: 460-335975-1 MSD
Matrix: Solid
Analysis Batch: 1064969

Client Sample ID: 59A_0-6
Prep Type: Total/NA
Prep Batch: 1064934

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Benzo[k]fluoranthene	0.035	U	3.52	2.39		mg/Kg	☼	68	67 - 122	2	30
Bis(2-chloroethoxy)methane	0.35	U	3.52	2.46		mg/Kg	☼	70	62 - 120	1	30
Bis(2-chloroethyl)ether	0.035	U	3.52	2.50		mg/Kg	☼	71	60 - 120	3	30
Bis(2-ethylhexyl) phthalate	0.35	U	3.52	2.54		mg/Kg	☼	72	64 - 125	0	30
Butyl benzyl phthalate	0.35	U	3.52	2.82		mg/Kg	☼	80	62 - 127	3	30
Caprolactam	0.35	U	1.41	1.35		mg/Kg	☼	96	46 - 150	16	30
Carbazole	0.35	U	3.52	2.37		mg/Kg	☼	67	64 - 120	2	30
Chrysene	0.35	U	3.52	2.44		mg/Kg	☼	69	67 - 120	2	30
Dibenz(a,h)anthracene	0.035	U	3.52	2.68		mg/Kg	☼	76	66 - 128	2	30
Dibenzofuran	0.35	U	3.52	2.30		mg/Kg	☼	65	61 - 120	1	30
Diethyl phthalate	0.35	U	3.52	2.26		mg/Kg	☼	64	63 - 120	1	30
Dimethyl phthalate	0.35	U	3.52	2.35		mg/Kg	☼	67	65 - 120	1	30
Di-n-butyl phthalate	0.35	U	3.52	2.63		mg/Kg	☼	75	61 - 120	0	30
Di-n-octyl phthalate	0.35	U	3.52	2.59		mg/Kg	☼	74	61 - 123	1	30
Fluoranthene	0.35	U	3.52	2.27		mg/Kg	☼	64	61 - 120	0	30
Fluorene	0.35	U	3.52	2.29		mg/Kg	☼	65	64 - 120	2	30
Hexachlorobenzene	0.035	U	3.52	2.44		mg/Kg	☼	69	66 - 120	0	30
Hexachlorobutadiene	0.071	U	3.52	2.34		mg/Kg	☼	66	62 - 120	1	30
Hexachlorocyclopentadiene	0.35	U	3.52	2.24		mg/Kg	☼	64	32 - 150	2	30
Hexachloroethane	0.035	U	3.52	2.45		mg/Kg	☼	69	61 - 112	5	30
Indeno[1,2,3-cd]pyrene	0.035	U	3.52	2.62		mg/Kg	☼	74	63 - 137	1	30
Isophorone	0.14	U	3.52	2.50		mg/Kg	☼	71	61 - 120	2	30
Naphthalene	0.35	U	3.52	2.37		mg/Kg	☼	67	63 - 113	2	30
Nitrobenzene	0.035	U	3.52	2.60		mg/Kg	☼	74	63 - 120	5	30
N-Nitrosodi-n-propylamine	0.035	U	3.52	2.56		mg/Kg	☼	73	60 - 120	3	30
N-Nitrosodiphenylamine	0.35	U	3.52	2.48		mg/Kg	☼	70	63 - 120	0	30
Pentachlorophenol	0.28	U	7.04	4.72		mg/Kg	☼	67	61 - 126	0	30
Phenanthrene	0.35	U	3.52	2.43		mg/Kg	☼	69	66 - 120	0	30
Phenol	0.35	U	3.52	2.55		mg/Kg	☼	72	63 - 120	4	30
Pyrene	0.35	U	3.52	2.61		mg/Kg	☼	74	61 - 121	0	30

Surrogate	*MSD %Recovery*	*MSD Qualifier*	*Limits*
2,4,6-Tribromophenol (Surr)	*57*		*18 - 137*
2-Fluorobiphenyl	*59*		*33 - 117*
2-Fluorophenol (Surr)	*63*		*24 - 120*
Nitrobenzene-d5 (Surr)	*62*		*27 - 120*
Phenol-d5 (Surr)	*64*		*28 - 118*
Terphenyl-d14 (Surr)	*65*		*33 - 124*

Method: 8081B - Organochlorine Pesticides (GC)

Lab Sample ID: MB 460-1064868/1-A
Matrix: Solid
Analysis Batch: 1064947

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 1064868

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
4,4'-DDD	0.0067	U	0.0067	0.0011	mg/Kg		09/30/25 16:49	10/01/25 07:21	1
4,4'-DDD	0.0067	U	0.0067	0.0011	mg/Kg		09/30/25 16:49	10/01/25 07:21	1
4,4'-DDE	0.0067	U	0.0067	0.00079	mg/Kg		09/30/25 16:49	10/01/25 07:21	1

Method: 8081B - Organochlorine Pesticides (GC) (Continued)

Lab Sample ID: MB 460-1064868/1-A
Matrix: Solid
Analysis Batch: 1064947

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 1064868

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
4,4'-DDE	0.0067	U	0.0067	0.00079	mg/Kg		09/30/25 16:49	10/01/25 07:21	1
4,4'-DDE	0.0067	U	0.0067	0.00079	mg/Kg		09/30/25 16:49	10/01/25 07:21	1
4,4'-DDT	0.0067	U	0.0067	0.0012	mg/Kg		09/30/25 16:49	10/01/25 07:21	1
4,4'-DDT	0.0067	U	0.0067	0.0012	mg/Kg		09/30/25 16:49	10/01/25 07:21	1
Aldrin	0.0067	U	0.0067	0.0010	mg/Kg		09/30/25 16:49	10/01/25 07:21	1
Aldrin	0.0067	U	0.0067	0.0010	mg/Kg		09/30/25 16:49	10/01/25 07:21	1
alpha-BHC	0.0020	U	0.0020	0.00068	mg/Kg		09/30/25 16:49	10/01/25 07:21	1
alpha-BHC	0.0020	U	0.0020	0.00068	mg/Kg		09/30/25 16:49	10/01/25 07:21	1
beta-BHC	0.0020	U	0.0020	0.00075	mg/Kg		09/30/25 16:49	10/01/25 07:21	1
beta-BHC	0.0020	U	0.0020	0.00075	mg/Kg		09/30/25 16:49	10/01/25 07:21	1
Chlordane (technical)	0.067	U	0.067	0.016	mg/Kg		09/30/25 16:49	10/01/25 07:21	1
Chlordane (technical)	0.067	U	0.067	0.016	mg/Kg		09/30/25 16:49	10/01/25 07:21	1
cis-Chlordane	0.0067	U	0.0067	0.0011	mg/Kg		09/30/25 16:49	10/01/25 07:21	1
cis-Chlordane	0.0067	U	0.0067	0.0011	mg/Kg		09/30/25 16:49	10/01/25 07:21	1
delta-BHC	0.0020	U	0.0020	0.00041	mg/Kg		09/30/25 16:49	10/01/25 07:21	1
delta-BHC	0.0020	U	0.0020	0.00041	mg/Kg		09/30/25 16:49	10/01/25 07:21	1
Dieldrin	0.0020	U	0.0020	0.00087	mg/Kg		09/30/25 16:49	10/01/25 07:21	1
Dieldrin	0.0020	U	0.0020	0.00087	mg/Kg		09/30/25 16:49	10/01/25 07:21	1
Endosulfan I	0.0067	U	0.0067	0.0010	mg/Kg		09/30/25 16:49	10/01/25 07:21	1
Endosulfan I	0.0067	U	0.0067	0.0010	mg/Kg		09/30/25 16:49	10/01/25 07:21	1
Endosulfan II	0.0067	U	0.0067	0.0017	mg/Kg		09/30/25 16:49	10/01/25 07:21	1
Endosulfan II	0.0067	U	0.0067	0.0017	mg/Kg		09/30/25 16:49	10/01/25 07:21	1
Endosulfan sulfate	0.0067	U	0.0067	0.00084	mg/Kg		09/30/25 16:49	10/01/25 07:21	1
Endosulfan sulfate	0.0067	U	0.0067	0.00084	mg/Kg		09/30/25 16:49	10/01/25 07:21	1
Endrin	0.0067	U	0.0067	0.00096	mg/Kg		09/30/25 16:49	10/01/25 07:21	1
Endrin	0.0067	U	0.0067	0.00096	mg/Kg		09/30/25 16:49	10/01/25 07:21	1
Endrin aldehyde	0.0067	U	0.0067	0.0016	mg/Kg		09/30/25 16:49	10/01/25 07:21	1
Endrin aldehyde	0.0067	U	0.0067	0.0016	mg/Kg		09/30/25 16:49	10/01/25 07:21	1
Endrin ketone	0.0067	U	0.0067	0.0013	mg/Kg		09/30/25 16:49	10/01/25 07:21	1
Endrin ketone	0.0067	U	0.0067	0.0013	mg/Kg		09/30/25 16:49	10/01/25 07:21	1
gamma-BHC (Lindane)	0.0020	U	0.0020	0.00062	mg/Kg		09/30/25 16:49	10/01/25 07:21	1
gamma-BHC (Lindane)	0.0020	U	0.0020	0.00062	mg/Kg		09/30/25 16:49	10/01/25 07:21	1
Heptachlor	0.0067	U	0.0067	0.00079	mg/Kg		09/30/25 16:49	10/01/25 07:21	1
Heptachlor	0.0067	U	0.0067	0.00079	mg/Kg		09/30/25 16:49	10/01/25 07:21	1
Heptachlor epoxide	0.0067	U	0.0067	0.0010	mg/Kg		09/30/25 16:49	10/01/25 07:21	1
Heptachlor epoxide	0.0067	U	0.0067	0.0010	mg/Kg		09/30/25 16:49	10/01/25 07:21	1
Methoxychlor	0.0067	U	0.0067	0.0015	mg/Kg		09/30/25 16:49	10/01/25 07:21	1
Methoxychlor	0.0067	U	0.0067	0.0015	mg/Kg		09/30/25 16:49	10/01/25 07:21	1
Toxaphene	0.067	U	0.067	0.024	mg/Kg		09/30/25 16:49	10/01/25 07:21	1
Toxaphene	0.067	U	0.067	0.024	mg/Kg		09/30/25 16:49	10/01/25 07:21	1

Surrogate	*MB %Recovery*	*MB Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
DCB Decachlorobiphenyl	*92*		*10 - 150*	*09/30/25 16:49*	*10/01/25 07:21*	*1*
DCB Decachlorobiphenyl	*109*		*10 - 150*	*09/30/25 16:49*	*10/01/25 07:21*	*1*
Tetrachloro-m-xylene	*89*		*14 - 150*	*09/30/25 16:49*	*10/01/25 07:21*	*1*
Tetrachloro-m-xylene	*89*		*14 - 150*	*09/30/25 16:49*	*10/01/25 07:21*	*1*

Method: 8081B - Organochlorine Pesticides (GC) (Continued)

Lab Sample ID: LCS 460-1064868/2-A
Matrix: Solid
Analysis Batch: 1064947

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 1064868

Analyte			Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits		
4,4'-DDD			0.133	0.107		mg/Kg		80	71 - 134		
4,4'-DDD			0.133	0.126		mg/Kg		94	71 - 134		
4,4'-DDE			0.133	0.112		mg/Kg		84	71 - 137		
4,4'-DDE			0.133	0.127		mg/Kg		96	71 - 137		
4,4'-DDT			0.133	0.123		mg/Kg		92	69 - 140		
4,4'-DDT			0.133	0.129		mg/Kg		97	69 - 140		
Aldrin			0.133	0.114		mg/Kg		86	68 - 136		
Aldrin			0.133	0.130		mg/Kg		97	68 - 136		
alpha-BHC			0.133	0.125		mg/Kg		94	71 - 136		
alpha-BHC			0.133	0.138		mg/Kg		103	71 - 136		
beta-BHC			0.133	0.122		mg/Kg		92	67 - 133		
beta-BHC			0.133	0.132		mg/Kg		99	67 - 133		
cis-Chlordane			0.133	0.118		mg/Kg		89	70 - 140		
cis-Chlordane			0.133	0.135		mg/Kg		101	70 - 140		
delta-BHC			0.133	0.133		mg/Kg		100	70 - 135		
delta-BHC			0.133	0.145		mg/Kg		109	70 - 135		
Dieldrin			0.133	0.112		mg/Kg		84	71 - 135		
Dieldrin			0.133	0.135		mg/Kg		102	71 - 135		
Endosulfan I			0.133	0.118		mg/Kg		89	70 - 141		
Endosulfan I			0.133	0.135		mg/Kg		101	70 - 141		
Endosulfan II			0.133	0.122		mg/Kg		91	75 - 141		
Endosulfan II			0.133	0.136		mg/Kg		102	75 - 141		
Endosulfan sulfate			0.133	0.114		mg/Kg		85	67 - 130		
Endosulfan sulfate			0.133	0.132		mg/Kg		99	67 - 130		
Endrin			0.133	0.105		mg/Kg		79	66 - 143		
Endrin			0.133	0.124		mg/Kg		93	66 - 143		
Endrin aldehyde			0.133	0.118		mg/Kg		89	70 - 132		
Endrin aldehyde			0.133	0.127		mg/Kg		95	70 - 132		
Endrin ketone			0.133	0.118		mg/Kg		89	66 - 137		
Endrin ketone			0.133	0.138		mg/Kg		103	66 - 137		
gamma-BHC (Lindane)			0.133	0.125		mg/Kg		94	71 - 137		
gamma-BHC (Lindane)			0.133	0.134		mg/Kg		101	71 - 137		
Heptachlor			0.133	0.123		mg/Kg		92	70 - 140		
Heptachlor			0.133	0.134		mg/Kg		100	70 - 140		
Heptachlor epoxide			0.133	0.119		mg/Kg		89	70 - 135		
Heptachlor epoxide			0.133	0.133		mg/Kg		100	70 - 135		
Methoxychlor			0.133	0.112		mg/Kg		84	63 - 138		
Methoxychlor			0.133	0.116		mg/Kg		87	63 - 138		

Surrogate	*LCS %Recovery*	*LCS Qualifier*	*Limits*
DCB Decachlorobiphenyl	*74*		*10 - 150*
DCB Decachlorobiphenyl	*86*		*10 - 150*
Tetrachloro-m-xylene	*72*		*14 - 150*
Tetrachloro-m-xylene	*73*		*14 - 150*

Method: 8081B - Organochlorine Pesticides (GC) (Continued)

Lab Sample ID: LCS 460-1064868/3-A
Matrix: Solid
Analysis Batch: 1064947

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 1064868

Analyte			Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits		
4,4'-DDD			0.133	0.108		mg/Kg		81	71 - 134		
4,4'-DDD			0.133	0.133		mg/Kg		100	71 - 134		
4,4'-DDE			0.133	0.115		mg/Kg		86	71 - 137		
4,4'-DDE			0.133	0.136		mg/Kg		102	71 - 137		
4,4'-DDT			0.133	0.123		mg/Kg		92	69 - 140		
4,4'-DDT			0.133	0.136		mg/Kg		102	69 - 140		
Aldrin			0.133	0.115		mg/Kg		86	68 - 136		
Aldrin			0.133	0.137		mg/Kg		103	68 - 136		
alpha-BHC			0.133	0.127		mg/Kg		95	71 - 136		
alpha-BHC			0.133	0.148		mg/Kg		111	71 - 136		
beta-BHC			0.133	0.122		mg/Kg		92	67 - 133		
beta-BHC			0.133	0.141		mg/Kg		106	67 - 133		
cis-Chlordane			0.133	0.121		mg/Kg		91	70 - 140		
cis-Chlordane			0.133	0.144		mg/Kg		108	70 - 140		
delta-BHC			0.133	0.133		mg/Kg		100	70 - 135		
delta-BHC			0.133	0.155		mg/Kg		117	70 - 135		
Dieldrin			0.133	0.115		mg/Kg		86	71 - 135		
Dieldrin			0.133	0.143		mg/Kg		108	71 - 135		
Endosulfan I			0.133	0.121		mg/Kg		91	70 - 141		
Endosulfan I			0.133	0.145		mg/Kg		108	70 - 141		
Endosulfan II			0.133	0.124		mg/Kg		93	75 - 141		
Endosulfan II			0.133	0.144		mg/Kg		108	75 - 141		
Endosulfan sulfate			0.133	0.116		mg/Kg		87	67 - 130		
Endosulfan sulfate			0.133	0.140		mg/Kg		105	67 - 130		
Endrin			0.133	0.106		mg/Kg		79	66 - 143		
Endrin			0.133	0.130		mg/Kg		98	66 - 143		
Endrin aldehyde			0.133	0.119		mg/Kg		89	70 - 132		
Endrin aldehyde			0.133	0.136		mg/Kg		102	70 - 132		
Endrin ketone			0.133	0.119		mg/Kg		90	66 - 137		
Endrin ketone			0.133	0.147		mg/Kg		111	66 - 137		
gamma-BHC (Lindane)			0.133	0.125		mg/Kg		94	71 - 137		
gamma-BHC (Lindane)			0.133	0.143		mg/Kg		108	71 - 137		
Heptachlor			0.133	0.123		mg/Kg		92	70 - 140		
Heptachlor			0.133	0.141		mg/Kg		106	70 - 140		
Heptachlor epoxide			0.133	0.121		mg/Kg		91	70 - 135		
Heptachlor epoxide			0.133	0.141		mg/Kg		106	70 - 135		
Methoxychlor			0.133	0.110		mg/Kg		83	63 - 138		
Methoxychlor			0.133	0.121		mg/Kg		91	63 - 138		

Surrogate	*LCS %Recovery*	*LCS Qualifier*	*Limits*
DCB Decachlorobiphenyl	*69*		*10 - 150*
DCB Decachlorobiphenyl	*84*		*10 - 150*
Tetrachloro-m-xylene	*68*		*14 - 150*
Tetrachloro-m-xylene	*72*		*14 - 150*

Method: 8081B - Organochlorine Pesticides (GC) (Continued)

Lab Sample ID: 460-335982-A-8-D MS
Matrix: Solid
Analysis Batch: 1064947

Client Sample ID: Matrix Spike
Prep Type: Total/NA
Prep Batch: 1064868

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec Limits
4,4'-DDD	0.0076	U	0.151	0.125		mg/Kg	☼	83	71 - 134
4,4'-DDD	0.0076	U	0.151	0.153		mg/Kg	☼	101	71 - 134
4,4'-DDE	0.0076	U	0.151	0.133		mg/Kg	☼	88	71 - 137
4,4'-DDE	0.0076	U	0.151	0.158		mg/Kg	☼	105	71 - 137
4,4'-DDT	0.0076	U	0.151	0.137		mg/Kg	☼	90	69 - 140
4,4'-DDT	0.0076	U	0.151	0.149		mg/Kg	☼	99	69 - 140
Aldrin	0.0076	U	0.151	0.138		mg/Kg	☼	92	68 - 136
Aldrin	0.0076	U	0.151	0.162		mg/Kg	☼	107	68 - 136
alpha-BHC	0.0023	U	0.151	0.152		mg/Kg	☼	100	71 - 136
alpha-BHC	0.0023	U	0.151	0.175		mg/Kg	☼	116	71 - 136
beta-BHC	0.0023	U	0.151	0.149		mg/Kg	☼	98	67 - 133
beta-BHC	0.0023	U	0.151	0.166		mg/Kg	☼	110	67 - 133
cis-Chlordane	0.0076	U	0.151	0.141		mg/Kg	☼	93	70 - 140
cis-Chlordane	0.0076	U	0.151	0.169		mg/Kg	☼	112	70 - 140
delta-BHC	0.0023	U	0.151	0.161		mg/Kg	☼	107	70 - 135
delta-BHC	0.0023	U	0.151	0.182		mg/Kg	☼	120	70 - 135
Dieldrin	0.0023	U	0.151	0.132		mg/Kg	☼	87	71 - 135
Dieldrin	0.0023	U	0.151	0.165		mg/Kg	☼	109	71 - 135
Endosulfan I	0.0076	U	0.151	0.140		mg/Kg	☼	93	70 - 141
Endosulfan I	0.0076	U	0.151	0.169		mg/Kg	☼	112	70 - 141
Endosulfan II	0.0076	U	0.151	0.142		mg/Kg	☼	94	75 - 141
Endosulfan II	0.0076	U	0.151	0.166		mg/Kg	☼	110	75 - 141
Endosulfan sulfate	0.0076	U	0.151	0.131		mg/Kg	☼	87	67 - 130
Endosulfan sulfate	0.0076	U	0.151	0.162		mg/Kg	☼	107	67 - 130
Endrin	0.0076	U	0.151	0.121		mg/Kg	☼	80	66 - 143
Endrin	0.0076	U	0.151	0.150		mg/Kg	☼	99	66 - 143
Endrin aldehyde	0.0076	U	0.151	0.138		mg/Kg	☼	92	70 - 132
Endrin aldehyde	0.0076	U	0.151	0.155		mg/Kg	☼	102	70 - 132
Endrin ketone	0.0076	U	0.151	0.139		mg/Kg	☼	92	66 - 137
Endrin ketone	0.0076	U	0.151	0.171		mg/Kg	☼	113	66 - 137
gamma-BHC (Lindane)	0.0023	U	0.151	0.151		mg/Kg	☼	100	71 - 137
gamma-BHC (Lindane)	0.0023	U	0.151	0.169		mg/Kg	☼	112	71 - 137
Heptachlor	0.0076	U	0.151	0.143		mg/Kg	☼	95	70 - 140
Heptachlor	0.0076	U	0.151	0.161		mg/Kg	☼	106	70 - 140
Heptachlor epoxide	0.0076	U	0.151	0.142		mg/Kg	☼	94	70 - 135
Heptachlor epoxide	0.0076	U	0.151	0.165		mg/Kg	☼	109	70 - 135
Methoxychlor	0.0076	U	0.151	0.122		mg/Kg	☼	81	63 - 138
Methoxychlor	0.0076	U	0.151	0.136		mg/Kg	☼	90	63 - 138

Surrogate	*MS %Recovery*	*MS Qualifier*	*Limits*
DCB Decachlorobiphenyl	*72*		*10 - 150*
DCB Decachlorobiphenyl	*90*		*10 - 150*
Tetrachloro-m-xylene	*75*		*14 - 150*
Tetrachloro-m-xylene	*77*		*14 - 150*

Method: 8081B - Organochlorine Pesticides (GC) (Continued)

Lab Sample ID: 460-335982-A-8-E MSD
Matrix: Solid
Analysis Batch: 1064947

Client Sample ID: Matrix Spike Duplicate
Prep Type: Total/NA
Prep Batch: 1064868

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
4,4'-DDD	0.0076	U	0.151	0.127		mg/Kg	☼	84	71 - 134	2	30
4,4'-DDD	0.0076	U	0.151	0.156		mg/Kg	☼	103	71 - 134	2	30
4,4'-DDE	0.0076	U	0.151	0.136		mg/Kg	☼	90	71 - 137	2	30
4,4'-DDE	0.0076	U	0.151	0.161		mg/Kg	☼	107	71 - 137	2	30
4,4'-DDT	0.0076	U	0.151	0.141		mg/Kg	☼	93	69 - 140	3	30
4,4'-DDT	0.0076	U	0.151	0.154		mg/Kg	☼	102	69 - 140	3	30
Aldrin	0.0076	U	0.151	0.142		mg/Kg	☼	94	68 - 136	2	30
Aldrin	0.0076	U	0.151	0.165		mg/Kg	☼	109	68 - 136	2	30
alpha-BHC	0.0023	U	0.151	0.155		mg/Kg	☼	103	71 - 136	2	30
alpha-BHC	0.0023	U	0.151	0.180		mg/Kg	☼	119	71 - 136	3	30
beta-BHC	0.0023	U	0.151	0.151		mg/Kg	☼	100	67 - 133	2	30
beta-BHC	0.0023	U	0.151	0.170		mg/Kg	☼	112	67 - 133	2	30
cis-Chlordane	0.0076	U	0.151	0.145		mg/Kg	☼	96	70 - 140	2	30
cis-Chlordane	0.0076	U	0.151	0.171		mg/Kg	☼	113	70 - 140	1	30
delta-BHC	0.0023	U	0.151	0.165		mg/Kg	☼	109	70 - 135	2	30
delta-BHC	0.0023	U	0.151	0.187		mg/Kg	☼	124	70 - 135	3	30
Dieldrin	0.0023	U	0.151	0.135		mg/Kg	☼	89	71 - 135	2	30
Dieldrin	0.0023	U	0.151	0.169		mg/Kg	☼	112	71 - 135	2	30
Endosulfan I	0.0076	U	0.151	0.143		mg/Kg	☼	95	70 - 141	2	30
Endosulfan I	0.0076	U	0.151	0.173		mg/Kg	☼	114	70 - 141	2	30
Endosulfan II	0.0076	U	0.151	0.145		mg/Kg	☼	96	75 - 141	2	30
Endosulfan II	0.0076	U	0.151	0.169		mg/Kg	☼	112	75 - 141	2	30
Endosulfan sulfate	0.0076	U	0.151	0.134		mg/Kg	☼	89	67 - 130	2	30
Endosulfan sulfate	0.0076	U	0.151	0.164		mg/Kg	☼	109	67 - 130	1	30
Endrin	0.0076	U	0.151	0.124		mg/Kg	☼	82	66 - 143	3	30
Endrin	0.0076	U	0.151	0.153		mg/Kg	☼	101	66 - 143	3	30
Endrin aldehyde	0.0076	U	0.151	0.141		mg/Kg	☼	94	70 - 132	2	30
Endrin aldehyde	0.0076	U	0.151	0.159		mg/Kg	☼	105	70 - 132	3	30
Endrin ketone	0.0076	U	0.151	0.141		mg/Kg	☼	93	66 - 137	2	30
Endrin ketone	0.0076	U	0.151	0.175		mg/Kg	☼	116	66 - 137	3	30
gamma-BHC (Lindane)	0.0023	U	0.151	0.155		mg/Kg	☼	102	71 - 137	2	30
gamma-BHC (Lindane)	0.0023	U	0.151	0.174		mg/Kg	☼	115	71 - 137	3	30
Heptachlor	0.0076	U	0.151	0.146		mg/Kg	☼	96	70 - 140	2	30
Heptachlor	0.0076	U	0.151	0.164		mg/Kg	☼	109	70 - 140	2	30
Heptachlor epoxide	0.0076	U	0.151	0.145		mg/Kg	☼	96	70 - 135	3	30
Heptachlor epoxide	0.0076	U	0.151	0.167		mg/Kg	☼	111	70 - 135	1	30
Methoxychlor	0.0076	U	0.151	0.125		mg/Kg	☼	83	63 - 138	2	30
Methoxychlor	0.0076	U	0.151	0.139		mg/Kg	☼	92	63 - 138	3	30

Surrogate	*MSD %Recovery*	*MSD Qualifier*	*Limits*
DCB Decachlorobiphenyl	*73*		*10 - 150*
DCB Decachlorobiphenyl	*90*		*10 - 150*
Tetrachloro-m-xylene	*75*		*14 - 150*
Tetrachloro-m-xylene	*76*		*14 - 150*

Method: 8082A - Polychlorinated Biphenyls (PCBs) by Gas Chromatography

Lab Sample ID: MB 460-1064863/1-A
Matrix: Solid
Analysis Batch: 1065010

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 1064863

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Aroclor 1016	0.067	U	0.067	0.018	mg/Kg		09/30/25 16:45	10/01/25 09:39	1
Aroclor 1016	0.067	U	0.067	0.018	mg/Kg		09/30/25 16:45	10/01/25 09:39	1
Aroclor 1221	0.067	U	0.067	0.018	mg/Kg		09/30/25 16:45	10/01/25 09:39	1
Aroclor 1221	0.067	U	0.067	0.018	mg/Kg		09/30/25 16:45	10/01/25 09:39	1
Aroclor 1232	0.067	U	0.067	0.018	mg/Kg		09/30/25 16:45	10/01/25 09:39	1
Aroclor 1232	0.067	U	0.067	0.018	mg/Kg		09/30/25 16:45	10/01/25 09:39	1
Aroclor 1242	0.067	U	0.067	0.018	mg/Kg		09/30/25 16:45	10/01/25 09:39	1
Aroclor 1242	0.067	U	0.067	0.018	mg/Kg		09/30/25 16:45	10/01/25 09:39	1
Aroclor 1248	0.067	U	0.067	0.018	mg/Kg		09/30/25 16:45	10/01/25 09:39	1
Aroclor 1248	0.067	U	0.067	0.018	mg/Kg		09/30/25 16:45	10/01/25 09:39	1
Aroclor 1254	0.067	U	0.067	0.018	mg/Kg		09/30/25 16:45	10/01/25 09:39	1
Aroclor 1254	0.067	U	0.067	0.018	mg/Kg		09/30/25 16:45	10/01/25 09:39	1
Aroclor 1260	0.067	U	0.067	0.018	mg/Kg		09/30/25 16:45	10/01/25 09:39	1
Aroclor 1260	0.067	U	0.067	0.018	mg/Kg		09/30/25 16:45	10/01/25 09:39	1
Aroclor-1262	0.067	U	0.067	0.018	mg/Kg		09/30/25 16:45	10/01/25 09:39	1
Aroclor-1262	0.067	U	0.067	0.018	mg/Kg		09/30/25 16:45	10/01/25 09:39	1
Aroclor 1268	0.067	U	0.067	0.018	mg/Kg		09/30/25 16:45	10/01/25 09:39	1
Aroclor 1268	0.067	U	0.067	0.018	mg/Kg		09/30/25 16:45	10/01/25 09:39	1
Polychlorinated biphenyls, Total	0.067	U	0.067	0.018	mg/Kg		09/30/25 16:45	10/01/25 09:39	1
Polychlorinated biphenyls, Total	0.067	U	0.067	0.018	mg/Kg		09/30/25 16:45	10/01/25 09:39	1

Surrogate	*MB %Recovery*	*MB Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
DCB Decachlorobiphenyl	*85*		*10 - 150*	*09/30/25 16:45*	*10/01/25 09:39*	*1*
DCB Decachlorobiphenyl	*94*		*10 - 150*	*09/30/25 16:45*	*10/01/25 09:39*	*1*
Tetrachloro-m-xylene	*88*		*10 - 150*	*09/30/25 16:45*	*10/01/25 09:39*	*1*
Tetrachloro-m-xylene	*96*		*10 - 150*	*09/30/25 16:45*	*10/01/25 09:39*	*1*

Lab Sample ID: LCS 460-1064863/2-A
Matrix: Solid
Analysis Batch: 1065010

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 1064863

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
Aroclor 1016	0.333	0.297		mg/Kg		89	59 - 149
Aroclor 1016	0.333	0.332		mg/Kg		100	59 - 149
Aroclor 1260	0.333	0.290		mg/Kg		87	62 - 145
Aroclor 1260	0.333	0.295		mg/Kg		88	62 - 145

Surrogate	*LCS %Recovery*	*LCS Qualifier*	*Limits*
DCB Decachlorobiphenyl	*87*		*10 - 150*
DCB Decachlorobiphenyl	*94*		*10 - 150*
Tetrachloro-m-xylene	*82*		*10 - 150*
Tetrachloro-m-xylene	*89*		*10 - 150*

Method: 8082A - Polychlorinated Biphenyls (PCBs) by Gas Chromatography (Continued)

Lab Sample ID: LCS 460-1064863/3-A
Matrix: Solid
Analysis Batch: 1065010

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 1064863

Analyte			Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits		
Aroclor 1016			0.333	0.294		mg/Kg		88	59 - 149		
Aroclor 1016			0.333	0.303		mg/Kg		91	59 - 149		
Aroclor 1260			0.333	0.308		mg/Kg		92	62 - 145		
Aroclor 1260			0.333	0.289		mg/Kg		87	62 - 145		

Surrogate	*LCS %Recovery*	*LCS Qualifier*	*Limits*
DCB Decachlorobiphenyl	*88*		*10 - 150*
DCB Decachlorobiphenyl	*89*		*10 - 150*
Tetrachloro-m-xylene	*83*		*10 - 150*
Tetrachloro-m-xylene	*91*		*10 - 150*

Lab Sample ID: 460-335982-A-8-A MS
Matrix: Solid
Analysis Batch: 1065010

Client Sample ID: Matrix Spike
Prep Type: Total/NA
Prep Batch: 1064863

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec Limits		
Aroclor 1016	0.076	U	0.378	0.389		mg/Kg	☼	103	59 - 149		
Aroclor 1260	0.076	U	0.378	0.377		mg/Kg	☼	100	62 - 145		
Aroclor 1260	0.076	U	0.378	0.376		mg/Kg	☼	99	62 - 145		

Surrogate	*MS %Recovery*	*MS Qualifier*	*Limits*
DCB Decachlorobiphenyl	*110*		*10 - 150*
DCB Decachlorobiphenyl	*109*		*10 - 150*
Tetrachloro-m-xylene	*101*		*10 - 150*
Tetrachloro-m-xylene	*111*		*10 - 150*

Lab Sample ID: 460-335982-A-8-B MSD
Matrix: Solid
Analysis Batch: 1065010

Client Sample ID: Matrix Spike Duplicate
Prep Type: Total/NA
Prep Batch: 1064863

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Aroclor 1016	0.076	U	0.378	0.395		mg/Kg	☼	105	59 - 149	NC	30
Aroclor 1016	0.076	U	0.378	0.414		mg/Kg	☼	110	59 - 149	6	30
Aroclor 1260	0.076	U	0.378	0.418		mg/Kg	☼	111	62 - 145	NC	30
Aroclor 1260	0.076	U	0.378	0.384		mg/Kg	☼	102	62 - 145	2	30

Surrogate	*MSD %Recovery*	*MSD Qualifier*	*Limits*
DCB Decachlorobiphenyl	*118*		*10 - 150*
DCB Decachlorobiphenyl	*114*		*10 - 150*
Tetrachloro-m-xylene	*106*		*10 - 150*
Tetrachloro-m-xylene	*118*		*10 - 150*

Method: 1633A - Per- and Polyfluoroalkyl Substances by LC/MS/MS, 1633A

Lab Sample ID: MB 410-708890/1-A
Matrix: Solid
Analysis Batch: 708901

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 708890

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Perfluorobutanoic acid (PFBA)	0.40	U	0.40	0.10	ug/Kg		10/03/25 14:04	10/04/25 09:07	1
Perfluoropentanoic acid (PFPeA)	0.20	U	0.20	0.10	ug/Kg		10/03/25 14:04	10/04/25 09:07	1
Perfluorohexanoic acid (PFHxA)	0.20	U	0.20	0.10	ug/Kg		10/03/25 14:04	10/04/25 09:07	1
Perfluoroheptanoic acid (PFHpA)	0.20	U	0.20	0.10	ug/Kg		10/03/25 14:04	10/04/25 09:07	1
Perfluorooctanoic acid (PFOA)	0.20	U	0.20	0.060	ug/Kg		10/03/25 14:04	10/04/25 09:07	1
Perfluorononanoic acid (PFNA)	0.20	U	0.20	0.10	ug/Kg		10/03/25 14:04	10/04/25 09:07	1
Perfluorodecanoic acid (PFDA)	0.20	U	0.20	0.060	ug/Kg		10/03/25 14:04	10/04/25 09:07	1
Perfluoroundecanoic acid (PFUnA)	0.20	U	0.20	0.10	ug/Kg		10/03/25 14:04	10/04/25 09:07	1
Perfluorododecanoic acid (PFDoA)	0.20	U	0.20	0.10	ug/Kg		10/03/25 14:04	10/04/25 09:07	1
Perfluorotridecanoic acid (PFTrDA)	0.20	U	0.20	0.10	ug/Kg		10/03/25 14:04	10/04/25 09:07	1
Perfluorotetradecanoic acid (PFTeDA)	0.20	U	0.20	0.10	ug/Kg		10/03/25 14:04	10/04/25 09:07	1
Perfluorobutanesulfonic acid (PFBS)	0.20	U	0.20	0.10	ug/Kg		10/03/25 14:04	10/04/25 09:07	1
Perfluoropentanesulfonic acid (PFPeS)	0.20	U	0.20	0.10	ug/Kg		10/03/25 14:04	10/04/25 09:07	1
Perfluorohexanesulfonic acid (PFHxS)	0.20	U	0.20	0.10	ug/Kg		10/03/25 14:04	10/04/25 09:07	1
Perfluoroheptanesulfonic acid (PFHpS)	0.20	U	0.20	0.10	ug/Kg		10/03/25 14:04	10/04/25 09:07	1
Perfluorooctanesulfonic acid (PFOS)	0.20	U	0.20	0.10	ug/Kg		10/03/25 14:04	10/04/25 09:07	1
Perfluorononanesulfonic acid (PFNS)	0.20	U	0.20	0.10	ug/Kg		10/03/25 14:04	10/04/25 09:07	1
Perfluorodecanesulfonic acid (PFDS)	0.20	U	0.20	0.10	ug/Kg		10/03/25 14:04	10/04/25 09:07	1
Perfluorododecanesulfonic acid (PFDoS)	0.20	U	0.20	0.10	ug/Kg		10/03/25 14:04	10/04/25 09:07	1
1H,1H,2H,2H-Perfluorohexane sulfonic acid (4:2 FTS)	0.40	U	0.40	0.20	ug/Kg		10/03/25 14:04	10/04/25 09:07	1
1H,1H,2H,2H-Perfluorooctane sulfonic acid (6:2 FTS)	0.40	U	0.40	0.20	ug/Kg		10/03/25 14:04	10/04/25 09:07	1
1H,1H,2H,2H-Perfluorodecane sulfonic acid (8:2 FTS)	0.40	U	0.40	0.20	ug/Kg		10/03/25 14:04	10/04/25 09:07	1
Perfluorooctanesulfonamide (PFOSA)	0.20	U	0.20	0.10	ug/Kg		10/03/25 14:04	10/04/25 09:07	1
N-methylperfluorooctane sulfonamide (NMeFOSA)	0.20	U	0.20	0.10	ug/Kg		10/03/25 14:04	10/04/25 09:07	1
N-ethylperfluorooctane sulfonamide (NEtFOSA)	0.20	U	0.20	0.10	ug/Kg		10/03/25 14:04	10/04/25 09:07	1
N-methylperfluorooctanesulfonamidoacetic acid (NMeFOSAA)	0.20	U	0.20	0.10	ug/Kg		10/03/25 14:04	10/04/25 09:07	1
N-ethylperfluorooctanesulfonamidoacetic acid (NEtFOSAA)	0.20	U	0.20	0.10	ug/Kg		10/03/25 14:04	10/04/25 09:07	1
N-methylperfluorooctane sulfonamidoethanol (NMeFOSE)	1.00	U	1.00	0.50	ug/Kg		10/03/25 14:04	10/04/25 09:07	1
N-ethylperfluorooctane sulfonamidoethanol (NEtFOSE)	1.00	U	1.00	0.50	ug/Kg		10/03/25 14:04	10/04/25 09:07	1
Hexafluoropropylene Oxide Dimer Acid (HFPO-DA)	0.20	U	0.20	0.10	ug/Kg		10/03/25 14:04	10/04/25 09:07	1
4,8-Dioxa-3H-perfluorononanoic acid (ADONA)	0.20	U	0.20	0.10	ug/Kg		10/03/25 14:04	10/04/25 09:07	1
Perfluoro-3-methoxypropanoic acid (PFMPA)	0.20	U	0.20	0.10	ug/Kg		10/03/25 14:04	10/04/25 09:07	1
Perfluoro-4-methoxybutanoic acid (PFMBA)	0.20	U	0.20	0.10	ug/Kg		10/03/25 14:04	10/04/25 09:07	1
Nonafluoro-3,6-dioxaheptanoic acid (NFDHA)	0.20	U	0.20	0.10	ug/Kg		10/03/25 14:04	10/04/25 09:07	1
9-Chlorohexadecafluoro-3-oxanonane-1-sulfonic acid (9Cl-PF3ONS)	0.20	U	0.20	0.10	ug/Kg		10/03/25 14:04	10/04/25 09:07	1

Method: 1633A - Per- and Polyfluoroalkyl Substances by LC/MS/MS, 1633A (Continued)

Lab Sample ID: MB 410-708890/1-A
Matrix: Solid
Analysis Batch: 708901

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 708890

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
11-Chloroeicosafluoro-3-oxaundecane-1-sulfonic acid (11Cl-PF3OUdS)	0.20	U	0.20	0.10	ug/Kg		10/03/25 14:04	10/04/25 09:07	1
11-Chloroeicosafluoro-3-oxaundecane-1-sulfonic acid (11Cl-PF3OUdS)	0.20	U	0.20	0.10	ug/Kg		10/03/25 14:04	10/04/25 09:07	1
Perfluoro (2-ethoxyethane) sulfonic acid (PFEESA)	0.20	U	0.20	0.10	ug/Kg		10/03/25 14:04	10/04/25 09:07	1
3-Perfluoropropylpropanoic acid (3:3 FTCA)	0.40	U	0.40	0.20	ug/Kg		10/03/25 14:04	10/04/25 09:07	1
3-Perfluoropentylpropanoic acid (5:3 FTCA)	1.00	U	1.00	0.50	ug/Kg		10/03/25 14:04	10/04/25 09:07	1
3-Perfluoroheptylpropanoic acid (7:3 FTCA)	1.00	U	1.00	0.50	ug/Kg		10/03/25 14:04	10/04/25 09:07	1

Isotope Dilution	*MB %Recovery*	*MB Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
13C4 PFBA	*105*		*8 - 130*	*10/03/25 14:04*	*10/04/25 09:07*	*1*
13C5 PFPeA	*102*		*35 - 130*	*10/03/25 14:04*	*10/04/25 09:07*	*1*
13C5 PFHxA	*98.6*		*40 - 130*	*10/03/25 14:04*	*10/04/25 09:07*	*1*
13C4 PFHpA	*105*		*40 - 130*	*10/03/25 14:04*	*10/04/25 09:07*	*1*
13C8 PFOA	*101*		*40 - 130*	*10/03/25 14:04*	*10/04/25 09:07*	*1*
13C9 PFNA	*101*		*40 - 130*	*10/03/25 14:04*	*10/04/25 09:07*	*1*
13C6 PFDA	*99.2*		*40 - 130*	*10/03/25 14:04*	*10/04/25 09:07*	*1*
13C7 PFUnA	*92.3*		*40 - 130*	*10/03/25 14:04*	*10/04/25 09:07*	*1*
13C2 PFTeDA	*64.6*		*20 - 130*	*10/03/25 14:04*	*10/04/25 09:07*	*1*
13C3 PFBS	*98.0*		*40 - 135*	*10/03/25 14:04*	*10/04/25 09:07*	*1*
13C3 PFHxS	*101*		*40 - 130*	*10/03/25 14:04*	*10/04/25 09:07*	*1*
13C8 PFOS	*96.7*		*40 - 130*	*10/03/25 14:04*	*10/04/25 09:07*	*1*
13C8 FOSA	*78.4*		*40 - 130*	*10/03/25 14:04*	*10/04/25 09:07*	*1*
d3-NMeFOSAA	*93.5*		*40 - 135*	*10/03/25 14:04*	*10/04/25 09:07*	*1*
d5-NEtFOSAA	*84.1*		*40 - 150*	*10/03/25 14:04*	*10/04/25 09:07*	*1*
13C2 4:2 FTS	*116*		*40 - 165*	*10/03/25 14:04*	*10/04/25 09:07*	*1*
13C2 6:2 FTS	*116*		*40 - 215*	*10/03/25 14:04*	*10/04/25 09:07*	*1*
13C2 8:2 FTS	*175*		*40 - 275*	*10/03/25 14:04*	*10/04/25 09:07*	*1*
13C3 HFPO-DA	*96.4*		*40 - 130*	*10/03/25 14:04*	*10/04/25 09:07*	*1*
d7-N-MeFOSE-M	*70.9*		*20 - 130*	*10/03/25 14:04*	*10/04/25 09:07*	*1*
d9-N-EtFOSE-M	*56.0*		*15 - 130*	*10/03/25 14:04*	*10/04/25 09:07*	*1*
d5-NEtPFOSA	*67.1*		*10 - 130*	*10/03/25 14:04*	*10/04/25 09:07*	*1*
d3-NMePFOSA	*70.3*		*10 - 130*	*10/03/25 14:04*	*10/04/25 09:07*	*1*
13C2 PFDoA	*87.2*		*40 - 130*	*10/03/25 14:04*	*10/04/25 09:07*	*1*

Lab Sample ID: LCS 410-708890/2-A
Matrix: Solid
Analysis Batch: 708901

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 708890

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
Perfluorobutanoic acid (PFBA)	5.00	4.931		ug/Kg		99	70 - 140
Perfluoropentanoic acid (PFPeA)	2.50	2.698		ug/Kg		108	60 - 150
Perfluorohexanoic acid (PFHxA)	2.50	2.526		ug/Kg		101	65 - 140
Perfluoroheptanoic acid (PFHpA)	2.50	2.506		ug/Kg		100	65 - 145
Perfluorooctanoic acid (PFOA)	2.50	2.646		ug/Kg		106	70 - 150
Perfluorononanoic acid (PFNA)	2.50	2.521		ug/Kg		101	70 - 155

Method: 1633A - Per- and Polyfluoroalkyl Substances by LC/MS/MS, 1633A (Continued)

Lab Sample ID: LCS 410-708890/2-A
Matrix: Solid
Analysis Batch: 708901

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 708890

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
Perfluorodecanoic acid (PFDA)	2.50	2.559		ug/Kg		102	70 - 155
Perfluoroundecanoic acid (PFUnA)	2.50	2.587		ug/Kg		103	70 - 155
Perfluorododecanoic acid (PFDoA)	2.50	2.572		ug/Kg		103	70 - 150
Perfluorotridecanoic acid (PFTrDA)	2.50	2.273		ug/Kg		91	65 - 150
Perfluorotetradecanoic acid (PFTeDA)	2.50	3.072		ug/Kg		123	65 - 150
Perfluorobutanesulfonic acid (PFBS)	2.22	2.058		ug/Kg		93	65 - 145
Perfluoropentanesulfonic acid (PFPeS)	2.35	2.391		ug/Kg		102	55 - 160
Perfluorohexanesulfonic acid (PFHxS)	2.28	2.140		ug/Kg		94	60 - 150
Perfluoroheptanesulfonic acid (PFHpS)	2.39	2.354		ug/Kg		99	65 - 155
Perfluorooctanesulfonic acid (PFOS)	2.33	2.327		ug/Kg		100	65 - 160
Perfluorononanesulfonic acid (PFNS)	2.41	2.268		ug/Kg		94	55 - 140
Perfluorodecanesulfonic acid (PFDS)	2.41	2.180		ug/Kg		90	40 - 155
Perfluorododecanesulfonic acid (PFDoS)	2.43	2.435		ug/Kg		100	25 - 160
1H,1H,2H,2H-Perfluorohexane sulfonic acid (4:2 FTS)	4.69	4.796		ug/Kg		102	60 - 150
1H,1H,2H,2H-Perfluorooctane sulfonic acid (6:2 FTS)	4.76	4.834		ug/Kg		102	55 - 200
1H,1H,2H,2H-Perfluorodecane sulfonic acid (8:2 FTS)	4.80	4.734		ug/Kg		99	70 - 150
Perfluorooctanesulfonamide (PFOSA)	2.50	2.549		ug/Kg		102	70 - 140
N-methylperfluorooctane sulfonamide (NMeFOSA)	2.50	2.404		ug/Kg		96	70 - 155
N-ethylperfluorooctane sulfonamide (NEtFOSA)	2.50	2.418		ug/Kg		97	70 - 140
N-methylperfluorooctanesulfonamidoacetic acid (NMeFOSAA)	2.50	2.198		ug/Kg		88	65 - 155
N-ethylperfluorooctanesulfonamidoacetic acid (NEtFOSAA)	2.50	2.645		ug/Kg		106	65 - 165
N-methylperfluorooctane sulfonamidoethanol (NMeFOSE)	12.5	12.42		ug/Kg		99	70 - 140
N-ethylperfluorooctane sulfonamidoethanol (NEtFOSE)	12.5	12.59		ug/Kg		101	70 - 135
Hexafluoropropylene Oxide Dimer Acid (HFPO-DA)	1.88	1.943		ug/Kg		104	70 - 145
4,8-Dioxa-3H-perfluorononanoic acid (ADONA)	2.37	2.437		ug/Kg		103	70 - 160
Perfluoro-3-methoxypropanoic acid (PFMPA)	2.50	2.465		ug/Kg		99	30 - 140
Perfluoro-4-methoxybutanoic acid (PFMBA)	2.50	2.397		ug/Kg		96	60 - 150
Nonafluoro-3,6-dioxaheptanoic acid (NFDHA)	2.50	2.575		ug/Kg		103	60 - 155

Method: 1633A - Per- and Polyfluoroalkyl Substances by LC/MS/MS, 1633A (Continued)

Lab Sample ID: LCS 410-708890/2-A
Matrix: Solid
Analysis Batch: 708901

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 708890

Analyte			Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits		
9-Chlorohexadecafluoro-3-oxanonane-1-sulfonic acid (9Cl-PF3ONS)			2.34	2.360		ug/Kg		101	70 - 150		
11-Chloroeicosafluoro-3-oxaundecane-1-sulfonic acid (11Cl-PF3OUdS)			2.36	2.175		ug/Kg		92	45 - 160		
Perfluoro (2-ethoxyethane) sulfonic acid (PFEESA)			2.23	2.227		ug/Kg		100	70 - 140		
3-Perfluoropropylpropanoic acid (3:3 FTCA)			5.00	3.836		ug/Kg		77	45 - 130		
3-Perfluoropentylpropanoic acid (5:3 FTCA)			12.5	9.289		ug/Kg		74	60 - 130		
3-Perfluoroheptylpropanoic acid (7:3 FTCA)			12.5	8.892		ug/Kg		71	60 - 150		

Isotope Dilution	*LCS %Recovery*	*LCS Qualifier*	*Limits*
13C4 PFBA	*88.9*		*8 - 130*
13C5 PFPeA	*88.4*		*35 - 130*
13C5 PFHxA	*87.9*		*40 - 130*
13C4 PFHpA	*93.6*		*40 - 130*
13C8 PFOA	*84.8*		*40 - 130*
13C9 PFNA	*86.9*		*40 - 130*
13C6 PFDA	*88.5*		*40 - 130*
13C7 PFUnA	*87.0*		*40 - 130*
13C2 PFTeDA	*83.3*		*20 - 130*
13C3 PFBS	*87.7*		*40 - 135*
13C3 PFHxS	*87.8*		*40 - 130*
13C8 PFOS	*84.5*		*40 - 130*
13C8 FOSA	*70.0*		*40 - 130*
d3-NMeFOSAA	*87.1*		*40 - 135*
d5-NEtFOSAA	*75.2*		*40 - 150*
13C2 4:2 FTS	*96.0*		*40 - 165*
13C2 6:2 FTS	*96.8*		*40 - 215*
13C2 8:2 FTS	*146*		*40 - 275*
13C3 HFPO-DA	*87.9*		*40 - 130*
d7-N-MeFOSE-M	*70.7*		*20 - 130*
d9-N-EtFOSE-M	*70.0*		*15 - 130*
d5-NEtPFOSA	*61.9*		*10 - 130*
d3-NMePFOSA	*64.9*		*10 - 130*
13C2 PFDoA	*82.0*		*40 - 130*

Lab Sample ID: LCSD 410-708890/3-A
Matrix: Solid
Analysis Batch: 708901

Client Sample ID: Lab Control Sample Dup
Prep Type: Total/NA
Prep Batch: 708890

Analyte			Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Perfluorobutanoic acid (PFBA)			5.00	4.933		ug/Kg		99	70 - 140	0	30
Perfluoropentanoic acid (PFPeA)			2.50	2.696		ug/Kg		108	60 - 150	0	30
Perfluorohexanoic acid (PFHxA)			2.50	2.608		ug/Kg		104	65 - 140	3	30
Perfluoroheptanoic acid (PFHpA)			2.50	2.800		ug/Kg		112	65 - 145	11	30
Perfluorooctanoic acid (PFOA)			2.50	2.669		ug/Kg		107	70 - 150	1	30

Method: 1633A - Per- and Polyfluoroalkyl Substances by LC/MS/MS, 1633A (Continued)

Lab Sample ID: LCSD 410-708890/3-A
Matrix: Solid
Analysis Batch: 708901

Client Sample ID: Lab Control Sample Dup
Prep Type: Total/NA
Prep Batch: 708890

Analyte			Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Perfluorononanoic acid (PFNA)			2.50	2.506		ug/Kg		100	70 - 155	1	30
Perfluorodecanoic acid (PFDA)			2.50	2.695		ug/Kg		108	70 - 155	5	30
Perfluoroundecanoic acid (PFUnA)			2.50	2.555		ug/Kg		102	70 - 155	1	30
Perfluorododecanoic acid (PFDoA)			2.50	2.606		ug/Kg		104	70 - 150	1	30
Perfluorotridecanoic acid (PFTrDA)			2.50	2.474		ug/Kg		99	65 - 150	8	30
Perfluorotetradecanoic acid (PFTeDA)			2.50	2.608		ug/Kg		104	65 - 150	16	30
Perfluorobutanesulfonic acid (PFBS)			2.22	2.241		ug/Kg		101	65 - 145	9	30
Perfluoropentanesulfonic acid (PFPeS)			2.35	2.519		ug/Kg		107	55 - 160	5	30
Perfluorohexanesulfonic acid (PFHxS)			2.28	2.228		ug/Kg		98	60 - 150	4	30
Perfluoroheptanesulfonic acid (PFHpS)			2.39	2.506		ug/Kg		105	65 - 155	6	30
Perfluorooctanesulfonic acid (PFOS)			2.33	2.346		ug/Kg		101	65 - 160	1	30
Perfluorononanesulfonic acid (PFNS)			2.41	2.304		ug/Kg		96	55 - 140	2	30
Perfluorodecanesulfonic acid (PFDS)			2.41	2.139		ug/Kg		89	40 - 155	2	30
Perfluorododecanesulfonic acid (PFDoS)			2.43	2.373		ug/Kg		98	25 - 160	3	30
1H,1H,2H,2H-Perfluorohexane sulfonic acid (4:2 FTS)			4.69	4.998		ug/Kg		107	60 - 150	4	30
1H,1H,2H,2H-Perfluorooctane sulfonic acid (6:2 FTS)			4.76	5.165		ug/Kg		109	55 - 200	7	30
1H,1H,2H,2H-Perfluorodecane sulfonic acid (8:2 FTS)			4.80	4.951		ug/Kg		103	70 - 150	4	30
Perfluorooctanesulfonamide (PFOSA)			2.50	2.551		ug/Kg		102	70 - 140	0	30
N-methylperfluorooctane sulfonamide (NMeFOSA)			2.50	2.495		ug/Kg		100	70 - 155	4	30
N-ethylperfluorooctane sulfonamide (NEtFOSA)			2.50	2.462		ug/Kg		98	70 - 140	2	30
N-methylperfluorooctanesulfonamidoacetic acid (NMeFOSAA)			2.50	2.385		ug/Kg		95	65 - 155	8	30
N-ethylperfluorooctanesulfonamidoacetic acid (NEtFOSAA)			2.50	2.633		ug/Kg		105	65 - 165	0	30
N-methylperfluorooctane sulfonamidoethanol (NMeFOSE)			12.5	13.10		ug/Kg		105	70 - 140	5	30
N-ethylperfluorooctane sulfonamidoethanol (NEtFOSE)			12.5	13.18		ug/Kg		105	70 - 135	5	30
Hexafluoropropylene Oxide Dimer Acid (HFPO-DA)			1.88	1.934		ug/Kg		103	70 - 145	0	30
4,8-Dioxa-3H-perfluorononanoic acid (ADONA)			2.37	2.464		ug/Kg		104	70 - 160	1	30
Perfluoro-3-methoxypropanoic acid (PFMPA)			2.50	2.561		ug/Kg		102	30 - 140	4	30
Perfluoro-4-methoxybutanoic acid (PFMBA)			2.50	2.467		ug/Kg		99	60 - 150	3	30

Method: 1633A - Per- and Polyfluoroalkyl Substances by LC/MS/MS, 1633A (Continued)

Lab Sample ID: LCSD 410-708890/3-A
Matrix: Solid
Analysis Batch: 708901

Client Sample ID: Lab Control Sample Dup
Prep Type: Total/NA
Prep Batch: 708890

Analyte			Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Nonafluoro-3,6-dioxaheptanoic acid (NFDHA)			2.50	2.471		ug/Kg		99	60 - 155	4	30
9-Chlorohexadecafluoro-3-oxanonane-1-sulfonic acid (9Cl-PF3ONS)			2.34	2.395		ug/Kg		103	70 - 150	1	30
11-Chloroeicosafluoro-3-oxaundecane-1-sulfonic acid (11Cl-PF3OUdS)			2.36	2.059		ug/Kg		87	45 - 160	5	30
Perfluoro (2-ethoxyethane) sulfonic acid (PFEESA)			2.23	2.218		ug/Kg		99	70 - 140	0	30
3-Perfluoropropylpropanoic acid (3:3 FTCA)			5.00	4.092		ug/Kg		82	45 - 130	6	30
3-Perfluoropentylpropanoic acid (5:3 FTCA)			12.5	9.747		ug/Kg		78	60 - 130	5	30
3-Perfluoroheptylpropanoic acid (7:3 FTCA)			12.5	8.368		ug/Kg		67	60 - 150	6	30

Isotope Dilution	*LCSD %Recovery*	*LCSD Qualifier*	*Limits*
13C4 PFBA	*98.8*		*8 - 130*
13C5 PFPeA	*95.0*		*35 - 130*
13C5 PFHxA	*94.9*		*40 - 130*
13C4 PFHpA	*92.4*		*40 - 130*
13C8 PFOA	*92.7*		*40 - 130*
13C9 PFNA	*96.2*		*40 - 130*
13C6 PFDA	*89.4*		*40 - 130*
13C7 PFUnA	*88.0*		*40 - 130*
13C2 PFTeDA	*89.9*		*20 - 130*
13C3 PFBS	*92.2*		*40 - 135*
13C3 PFHxS	*93.7*		*40 - 130*
13C8 PFOS	*93.7*		*40 - 130*
13C8 FOSA	*77.5*		*40 - 130*
d3-NMeFOSAA	*85.2*		*40 - 135*
d5-NEtFOSAA	*79.5*		*40 - 150*
13C2 4:2 FTS	*102*		*40 - 165*
13C2 6:2 FTS	*105*		*40 - 215*
13C2 8:2 FTS	*174*		*40 - 275*
13C3 HFPO-DA	*93.9*		*40 - 130*
d7-N-MeFOSE-M	*65.6*		*20 - 130*
d9-N-EtFOSE-M	*58.9*		*15 - 130*
d5-NEtPFOSA	*68.1*		*10 - 130*
d3-NMePFOSA	*68.3*		*10 - 130*
13C2 PFDoA	*82.4*		*40 - 130*

Lab Sample ID: LLCS 410-708890/4-A
Matrix: Solid
Analysis Batch: 708901

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 708890

Analyte			Spike Added	LLCS Result	LLCS Qualifier	Unit	D	%Rec	%Rec Limits
Perfluorobutanoic acid (PFBA)			0.500	0.437		ug/Kg		87	70 - 140
Perfluoropentanoic acid (PFPeA)			0.250	0.227		ug/Kg		91	60 - 150
Perfluorohexanoic acid (PFHxA)			0.250	0.263		ug/Kg		105	65 - 140

Method: 1633A - Per- and Polyfluoroalkyl Substances by LC/MS/MS, 1633A (Continued)

Lab Sample ID: LLCS 410-708890/4-A
Matrix: Solid
Analysis Batch: 708901

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 708890

Analyte	Spike Added	LLCS Result	LLCS Qualifier	Unit	D	%Rec	%Rec Limits
Perfluoroheptanoic acid (PFHpA)	0.250	0.245		ug/Kg		98	65 - 145
Perfluorooctanoic acid (PFOA)	0.250	0.228		ug/Kg		91	70 - 150
Perfluorononanoic acid (PFNA)	0.250	0.219		ug/Kg		88	70 - 155
Perfluorodecanoic acid (PFDA)	0.250	0.243		ug/Kg		97	70 - 155
Perfluoroundecanoic acid (PFUnA)	0.250	0.233		ug/Kg		93	70 - 155
Perfluorododecanoic acid (PFDoA)	0.250	0.224		ug/Kg		90	70 - 150
Perfluorotridecanoic acid (PFTrDA)	0.250	0.216		ug/Kg		86	65 - 150
Perfluorotetradecanoic acid (PFTeDA)	0.250	0.249		ug/Kg		100	65 - 150
Perfluorobutanesulfonic acid (PFBS)	0.222	0.212		ug/Kg		95	65 - 145
Perfluoropentanesulfonic acid (PFPeS)	0.235	0.196	J	ug/Kg		83	55 - 160
Perfluorohexanesulfonic acid (PFHxS)	0.228	0.218		ug/Kg		95	60 - 150
Perfluoroheptanesulfonic acid (PFHpS)	0.239	0.199	J	ug/Kg		84	65 - 155
Perfluorooctanesulfonic acid (PFOS)	0.233	0.232		ug/Kg		100	65 - 160
Perfluorononanesulfonic acid (PFNS)	0.241	0.202		ug/Kg		84	55 - 140
Perfluorodecanesulfonic acid (PFDS)	0.241	0.184	J	ug/Kg		76	40 - 155
Perfluorododecanesulfonic acid (PFDoS)	0.243	0.194	J	ug/Kg		80	25 - 160
1H,1H,2H,2H-Perfluorohexane sulfonic acid (4:2 FTS)	0.469	0.460		ug/Kg		98	60 - 150
1H,1H,2H,2H-Perfluorooctane sulfonic acid (6:2 FTS)	0.476	0.438		ug/Kg		92	55 - 200
1H,1H,2H,2H-Perfluorodecane sulfonic acid (8:2 FTS)	0.480	0.445		ug/Kg		93	70 - 150
Perfluorooctanesulfonamide (PFOSA)	0.250	0.283		ug/Kg		113	70 - 140
N-methylperfluorooctane sulfonamide (NMeFOSA)	0.250	0.215		ug/Kg		86	70 - 155
N-ethylperfluorooctane sulfonamide (NEtFOSA)	0.250	0.220		ug/Kg		88	70 - 140
N-methylperfluorooctanesulfonamidoacetic acid (NMeFOSAA)	0.250	0.175	J	ug/Kg		70	65 - 155
N-ethylperfluorooctanesulfonamidoacetic acid (NEtFOSAA)	0.250	0.248		ug/Kg		99	65 - 165
N-methylperfluorooctane sulfonamidoethanol (NMeFOSE)	1.25	1.163		ug/Kg		93	70 - 140
N-ethylperfluorooctane sulfonamidoethanol (NEtFOSE)	1.25	1.154		ug/Kg		92	70 - 135
Hexafluoropropylene Oxide Dimer Acid (HFPO-DA)	0.188	0.197	J	ug/Kg		105	70 - 145
4,8-Dioxa-3H-perfluorononanoic acid (ADONA)	0.237	0.247		ug/Kg		104	70 - 160
Perfluoro-3-methoxypropanoic acid (PFMPA)	0.250	0.219		ug/Kg		88	30 - 140

Method: 1633A - Per- and Polyfluoroalkyl Substances by LC/MS/MS, 1633A (Continued)

Lab Sample ID: LLCS 410-708890/4-A
Matrix: Solid
Analysis Batch: 708901

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 708890

Analyte	Spike Added	LLCS Result	LLCS Qualifier	Unit	D	%Rec	%Rec Limits
Perfluoro-4-methoxybutanoic acid (PFMBA)	0.250	0.228		ug/Kg		91	60 - 150
Nonafluoro-3,6-dioxaheptanoic acid (NFDHA)	0.250	0.265		ug/Kg		106	60 - 155
9-Chlorohexadecafluoro-3-oxanonane-1-sulfonic acid (9Cl-PF3ONS)	0.234	0.225		ug/Kg		96	70 - 150
11-Chloroeicosafluoro-3-oxaundecane-1-sulfonic acid (11Cl-PF3OUdS)	0.236	0.199	J	ug/Kg		84	45 - 160
Perfluoro (2-ethoxyethane) sulfonic acid (PFEESA)	0.223	0.193	J	ug/Kg		87	70 - 140
3-Perfluoropropylpropanoic acid (3:3 FTCA)	0.500	0.399	J	ug/Kg		80	45 - 130
3-Perfluoropentylpropanoic acid (5:3 FTCA)	1.25	0.980	J	ug/Kg		78	60 - 130
3-Perfluoroheptylpropanoic acid (7:3 FTCA)	1.25	1.060		ug/Kg		85	60 - 150

Isotope Dilution	*LLCS %Recovery*	*LLCS Qualifier*	*Limits*
13C4 PFBA	*101*		*8 - 130*
13C5 PFPeA	*95.0*		*35 - 130*
13C5 PFHxA	*92.5*		*40 - 130*
13C4 PFHpA	*97.7*		*40 - 130*
13C8 PFOA	*97.4*		*40 - 130*
13C9 PFNA	*104*		*40 - 130*
13C6 PFDA	*94.1*		*40 - 130*
13C7 PFUnA	*92.8*		*40 - 130*
13C2 PFTeDA	*88.9*		*20 - 130*
13C3 PFBS	*93.5*		*40 - 135*
13C3 PFHxS	*101*		*40 - 130*
13C8 PFOS	*97.3*		*40 - 130*
13C8 FOSA	*77.5*		*40 - 130*
d3-NMeFOSAA	*93.5*		*40 - 135*
d5-NEtFOSAA	*81.3*		*40 - 150*
13C2 4:2 FTS	*108*		*40 - 165*
13C2 6:2 FTS	*118*		*40 - 215*
13C2 8:2 FTS	*184*		*40 - 275*
13C3 HFPO-DA	*91.4*		*40 - 130*
d7-N-MeFOSE-M	*68.6*		*20 - 130*
d9-N-EtFOSE-M	*58.9*		*15 - 130*
d5-NEtPFOSA	*68.0*		*10 - 130*
d3-NMePFOSA	*71.9*		*10 - 130*
13C2 PFDoA	*85.1*		*40 - 130*

Lab Sample ID: MB 410-710123/1-A
Matrix: Solid
Analysis Batch: 710546

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 710123

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Perfluorobutanoic acid (PFBA)	0.39	U	0.39	0.098	ug/Kg		10/07/25 09:25	10/08/25 04:05	1

Method: 1633A - Per- and Polyfluoroalkyl Substances by LC/MS/MS, 1633A (Continued)

Lab Sample ID: MB 410-710123/1-A
Matrix: Solid
Analysis Batch: 710546

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 710123

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Perfluoropentanoic acid (PFPeA)	0.20	U	0.20	0.098	ug/Kg		10/07/25 09:25	10/08/25 04:05	1
Perfluoropentanoic acid (PFPeA)	0.20	U	0.20	0.098	ug/Kg		10/07/25 09:25	10/08/25 04:05	1
Perfluorohexanoic acid (PFHxA)	0.20	U	0.20	0.098	ug/Kg		10/07/25 09:25	10/08/25 04:05	1
Perfluoroheptanoic acid (PFHpA)	0.20	U	0.20	0.098	ug/Kg		10/07/25 09:25	10/08/25 04:05	1
Perfluorooctanoic acid (PFOA)	0.20	U	0.20	0.059	ug/Kg		10/07/25 09:25	10/08/25 04:05	1
Perfluorononanoic acid (PFNA)	0.20	U	0.20	0.098	ug/Kg		10/07/25 09:25	10/08/25 04:05	1
Perfluorodecanoic acid (PFDA)	0.20	U	0.20	0.059	ug/Kg		10/07/25 09:25	10/08/25 04:05	1
Perfluoroundecanoic acid (PFUnA)	0.20	U	0.20	0.098	ug/Kg		10/07/25 09:25	10/08/25 04:05	1
Perfluorododecanoic acid (PFDoA)	0.20	U	0.20	0.098	ug/Kg		10/07/25 09:25	10/08/25 04:05	1
Perfluorotridecanoic acid (PFTrDA)	0.20	U	0.20	0.098	ug/Kg		10/07/25 09:25	10/08/25 04:05	1
Perfluorotetradecanoic acid (PFTeDA)	0.20	U	0.20	0.098	ug/Kg		10/07/25 09:25	10/08/25 04:05	1
Perfluorobutanesulfonic acid (PFBS)	0.20	U	0.20	0.098	ug/Kg		10/07/25 09:25	10/08/25 04:05	1
Perfluoropentanesulfonic acid (PFPeS)	0.20	U	0.20	0.098	ug/Kg		10/07/25 09:25	10/08/25 04:05	1
Perfluorohexanesulfonic acid (PFHxS)	0.20	U	0.20	0.098	ug/Kg		10/07/25 09:25	10/08/25 04:05	1
Perfluoroheptanesulfonic acid (PFHpS)	0.20	U	0.20	0.098	ug/Kg		10/07/25 09:25	10/08/25 04:05	1
Perfluorooctanesulfonic acid (PFOS)	0.20	U	0.20	0.098	ug/Kg		10/07/25 09:25	10/08/25 04:05	1
Perfluorononanesulfonic acid (PFNS)	0.20	U	0.20	0.098	ug/Kg		10/07/25 09:25	10/08/25 04:05	1
Perfluorodecanesulfonic acid (PFDS)	0.20	U	0.20	0.098	ug/Kg		10/07/25 09:25	10/08/25 04:05	1
Perfluorododecanesulfonic acid (PFDoS)	0.20	U	0.20	0.098	ug/Kg		10/07/25 09:25	10/08/25 04:05	1
1H,1H,2H,2H-Perfluorohexane sulfonic acid (4:2 FTS)	0.39	U	0.39	0.20	ug/Kg		10/07/25 09:25	10/08/25 04:05	1
1H,1H,2H,2H-Perfluorooctane sulfonic acid (6:2 FTS)	0.39	U	0.39	0.20	ug/Kg		10/07/25 09:25	10/08/25 04:05	1
1H,1H,2H,2H-Perfluorodecane sulfonic acid (8:2 FTS)	0.39	U	0.39	0.20	ug/Kg		10/07/25 09:25	10/08/25 04:05	1
Perfluorooctanesulfonamide (PFOSA)	0.20	U	0.20	0.098	ug/Kg		10/07/25 09:25	10/08/25 04:05	1
N-methylperfluorooctane sulfonamide (NMeFOSA)	0.20	U	0.20	0.098	ug/Kg		10/07/25 09:25	10/08/25 04:05	1
N-ethylperfluorooctane sulfonamide (NEtFOSA)	0.20	U	0.20	0.098	ug/Kg		10/07/25 09:25	10/08/25 04:05	1
N-methylperfluorooctanesulfonamidoacetic acid (NMeFOSAA)	0.20	U	0.20	0.098	ug/Kg		10/07/25 09:25	10/08/25 04:05	1
N-ethylperfluorooctanesulfonamidoacetic acid (NEtFOSAA)	0.20	U	0.20	0.098	ug/Kg		10/07/25 09:25	10/08/25 04:05	1
N-methylperfluorooctane sulfonamidoethanol (NMeFOSE)	0.98	U	0.98	0.49	ug/Kg		10/07/25 09:25	10/08/25 04:05	1
N-ethylperfluorooctane sulfonamidoethanol (NEtFOSE)	0.98	U	0.98	0.49	ug/Kg		10/07/25 09:25	10/08/25 04:05	1
Hexafluoropropylene Oxide Dimer Acid (HFPO-DA)	0.20	U	0.20	0.098	ug/Kg		10/07/25 09:25	10/08/25 04:05	1
4,8-Dioxa-3H-perfluorononanoic acid (ADONA)	0.20	U	0.20	0.098	ug/Kg		10/07/25 09:25	10/08/25 04:05	1
Perfluoro-3-methoxypropanoic acid (PFMPA)	0.20	U	0.20	0.098	ug/Kg		10/07/25 09:25	10/08/25 04:05	1
Perfluoro-4-methoxybutanoic acid (PFMBA)	0.20	U	0.20	0.098	ug/Kg		10/07/25 09:25	10/08/25 04:05	1
Nonafluoro-3,6-dioxaheptanoic acid (NFDHA)	0.20	U	0.20	0.098	ug/Kg		10/07/25 09:25	10/08/25 04:05	1
9-Chlorohexadecafluoro-3-oxanonane-1-sulfonic acid (9Cl-PF3ONS)	0.20	U	0.20	0.098	ug/Kg		10/07/25 09:25	10/08/25 04:05	1

Method: 1633A - Per- and Polyfluoroalkyl Substances by LC/MS/MS, 1633A (Continued)

Lab Sample ID: MB 410-710123/1-A
Matrix: Solid
Analysis Batch: 710546

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 710123

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
11-Chloroeicosafluoro-3-oxaundecane-1-sulfonic acid (11Cl-PF3OUdS)	0.20	U	0.20	0.098	ug/Kg		10/07/25 09:25	10/08/25 04:05	1
11-Chloroeicosafluoro-3-oxaundecane-1-sulfonic acid (11Cl-PF3OUdS)	0.20	U	0.20	0.098	ug/Kg		10/07/25 09:25	10/08/25 04:05	1
Perfluoro (2-ethoxyethane) sulfonic acid (PFEESA)	0.20	U	0.20	0.098	ug/Kg		10/07/25 09:25	10/08/25 04:05	1
3-Perfluoropropylpropanoic acid (3:3 FTCA)	0.39	U	0.39	0.20	ug/Kg		10/07/25 09:25	10/08/25 04:05	1
3-Perfluoropentylpropanoic acid (5:3 FTCA)	0.98	U	0.98	0.49	ug/Kg		10/07/25 09:25	10/08/25 04:05	1
3-Perfluoroheptylpropanoic acid (7:3 FTCA)	0.98	U	0.98	0.49	ug/Kg		10/07/25 09:25	10/08/25 04:05	1

Isotope Dilution	*MB %Recovery*	*MB Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
13C4 PFBA	*91.0*		*8 - 130*	*10/07/25 09:25*	*10/08/25 04:05*	*1*
13C5 PFPeA	*89.0*		*35 - 130*	*10/07/25 09:25*	*10/08/25 04:05*	*1*
13C5 PFHxA	*86.6*		*40 - 130*	*10/07/25 09:25*	*10/08/25 04:05*	*1*
13C4 PFHpA	*87.3*		*40 - 130*	*10/07/25 09:25*	*10/08/25 04:05*	*1*
13C8 PFOA	*84.5*		*40 - 130*	*10/07/25 09:25*	*10/08/25 04:05*	*1*
13C9 PFNA	*85.0*		*40 - 130*	*10/07/25 09:25*	*10/08/25 04:05*	*1*
13C6 PFDA	*81.3*		*40 - 130*	*10/07/25 09:25*	*10/08/25 04:05*	*1*
13C7 PFUnA	*71.6*		*40 - 130*	*10/07/25 09:25*	*10/08/25 04:05*	*1*
13C2 PFTeDA	*56.8*		*20 - 130*	*10/07/25 09:25*	*10/08/25 04:05*	*1*
13C3 PFBS	*88.0*		*40 - 135*	*10/07/25 09:25*	*10/08/25 04:05*	*1*
13C3 PFHxS	*83.9*		*40 - 130*	*10/07/25 09:25*	*10/08/25 04:05*	*1*
13C8 PFOS	*78.0*		*40 - 130*	*10/07/25 09:25*	*10/08/25 04:05*	*1*
13C8 FOSA	*80.3*		*40 - 130*	*10/07/25 09:25*	*10/08/25 04:05*	*1*
d3-NMeFOSAA	*78.8*		*40 - 135*	*10/07/25 09:25*	*10/08/25 04:05*	*1*
d5-NEtFOSAA	*71.4*		*40 - 150*	*10/07/25 09:25*	*10/08/25 04:05*	*1*
13C2 4:2 FTS	*87.3*		*40 - 165*	*10/07/25 09:25*	*10/08/25 04:05*	*1*
13C2 6:2 FTS	*87.2*		*40 - 215*	*10/07/25 09:25*	*10/08/25 04:05*	*1*
13C2 8:2 FTS	*120*		*40 - 275*	*10/07/25 09:25*	*10/08/25 04:05*	*1*
13C3 HFPO-DA	*86.9*		*40 - 130*	*10/07/25 09:25*	*10/08/25 04:05*	*1*
d7-N-MeFOSE-M	*42.7*		*20 - 130*	*10/07/25 09:25*	*10/08/25 04:05*	*1*
d9-N-EtFOSE-M	*31.9*		*15 - 130*	*10/07/25 09:25*	*10/08/25 04:05*	*1*
d5-NEtPFOSA	*58.4*		*10 - 130*	*10/07/25 09:25*	*10/08/25 04:05*	*1*
d3-NMePFOSA	*64.6*		*10 - 130*	*10/07/25 09:25*	*10/08/25 04:05*	*1*
13C2 PFDoA	*68.3*		*40 - 130*	*10/07/25 09:25*	*10/08/25 04:05*	*1*

Lab Sample ID: LCS 410-710123/2-A
Matrix: Solid
Analysis Batch: 710546

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 710123

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
Perfluorobutanoic acid (PFBA)	4.83	4.578		ug/Kg		95	70 - 140
Perfluoropentanoic acid (PFPeA)	2.42	2.414		ug/Kg		100	60 - 150
Perfluorohexanoic acid (PFHxA)	2.42	2.304		ug/Kg		95	65 - 140
Perfluoroheptanoic acid (PFHpA)	2.42	2.339		ug/Kg		97	65 - 145
Perfluorooctanoic acid (PFOA)	2.42	2.419		ug/Kg		100	70 - 150
Perfluorononanoic acid (PFNA)	2.42	2.355		ug/Kg		98	70 - 155

Method: 1633A - Per- and Polyfluoroalkyl Substances by LC/MS/MS, 1633A (Continued)

Lab Sample ID: LCS 410-710123/2-A
Matrix: Solid
Analysis Batch: 710546

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 710123

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
Perfluorodecanoic acid (PFDA)	2.42	2.301		ug/Kg		95	70 - 155
Perfluoroundecanoic acid (PFUnA)	2.42	2.388		ug/Kg		99	70 - 155
Perfluorododecanoic acid (PFDoA)	2.42	2.328		ug/Kg		96	70 - 150
Perfluorotridecanoic acid (PFTrDA)	2.42	2.297		ug/Kg		95	65 - 150
Perfluorotetradecanoic acid (PFTeDA)	2.42	2.559		ug/Kg		106	65 - 150
Perfluorobutanesulfonic acid (PFBS)	2.14	2.152		ug/Kg		100	65 - 145
Perfluoropentanesulfonic acid (PFPeS)	2.27	2.329		ug/Kg		103	55 - 160
Perfluorohexanesulfonic acid (PFHxS)	2.20	1.982		ug/Kg		90	60 - 150
Perfluoroheptanesulfonic acid (PFHpS)	2.30	2.400		ug/Kg		104	65 - 155
Perfluorooctanesulfonic acid (PFOS)	2.25	2.112		ug/Kg		94	65 - 160
Perfluorononanesulfonic acid (PFNS)	2.32	1.809		ug/Kg		78	55 - 140
Perfluorodecanesulfonic acid (PFDS)	2.33	1.608		ug/Kg		69	40 - 155
Perfluorododecanesulfonic acid (PFDoS)	2.34	1.543		ug/Kg		66	25 - 160
1H,1H,2H,2H-Perfluorohexane sulfonic acid (4:2 FTS)	4.53	4.418		ug/Kg		98	60 - 150
1H,1H,2H,2H-Perfluorooctane sulfonic acid (6:2 FTS)	4.60	4.485		ug/Kg		98	55 - 200
1H,1H,2H,2H-Perfluorodecane sulfonic acid (8:2 FTS)	4.64	4.504		ug/Kg		97	70 - 150
Perfluorooctanesulfonamide (PFOSA)	2.42	2.362		ug/Kg		98	70 - 140
N-methylperfluorooctane sulfonamide (NMeFOSA)	2.42	2.438		ug/Kg		101	70 - 155
N-ethylperfluorooctane sulfonamide (NEtFOSA)	2.42	2.271		ug/Kg		94	70 - 140
N-methylperfluorooctanesulfonamidoacetic acid (NMeFOSAA)	2.42	2.397		ug/Kg		99	65 - 155
N-ethylperfluorooctanesulfonamidoacetic acid (NEtFOSAA)	2.42	2.461		ug/Kg		102	65 - 165
N-methylperfluorooctane sulfonamidoethanol (NMeFOSE)	12.1	12.00		ug/Kg		99	70 - 140
N-ethylperfluorooctane sulfonamidoethanol (NEtFOSE)	12.1	11.96		ug/Kg		99	70 - 135
Hexafluoropropylene Oxide Dimer Acid (HFPO-DA)	1.81	1.811		ug/Kg		100	70 - 145
4,8-Dioxa-3H-perfluorononanoic acid (ADONA)	2.29	2.285		ug/Kg		100	70 - 160
Perfluoro-3-methoxypropanoic acid (PFMPA)	2.42	2.427		ug/Kg		100	30 - 140
Perfluoro-4-methoxybutanoic acid (PFMBA)	2.42	2.305		ug/Kg		95	60 - 150
Nonafluoro-3,6-dioxaheptanoic acid (NFDHA)	2.42	2.274		ug/Kg		94	60 - 155

Method: 1633A - Per- and Polyfluoroalkyl Substances by LC/MS/MS, 1633A (Continued)

Lab Sample ID: LCS 410-710123/2-A
Matrix: Solid
Analysis Batch: 710546

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 710123

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
9-Chlorohexadecafluoro-3-oxanonane-1-sulfonic acid (9Cl-PF3ONS)	2.26	1.943		ug/Kg		86	70 - 150
11-Chloroeicosafluoro-3-oxaundecane-1-sulfonic acid (11Cl-PF3OUdS)	2.28	1.515		ug/Kg		66	45 - 160
Perfluoro (2-ethoxyethane) sulfonic acid (PFEESA)	2.15	2.085		ug/Kg		97	70 - 140
3-Perfluoropropylpropanoic acid (3:3 FTCA)	4.83	4.402		ug/Kg		91	45 - 130
3-Perfluoropentylpropanoic acid (5:3 FTCA)	12.1	10.79		ug/Kg		89	60 - 130
3-Perfluoroheptylpropanoic acid (7:3 FTCA)	12.1	9.041		ug/Kg		75	60 - 150

Isotope Dilution	*LCS %Recovery*	*LCS Qualifier*	*Limits*
13C4 PFBA	*88.2*		*8 - 130*
13C5 PFPeA	*81.7*		*35 - 130*
13C5 PFHxA	*82.2*		*40 - 130*
13C4 PFHpA	*83.1*		*40 - 130*
13C8 PFOA	*83.6*		*40 - 130*
13C9 PFNA	*80.3*		*40 - 130*
13C6 PFDA	*70.3*		*40 - 130*
13C7 PFUnA	*61.1*		*40 - 130*
13C2 PFTeDA	*49.4*		*20 - 130*
13C3 PFBS	*83.2*		*40 - 135*
13C3 PFHxS	*82.5*		*40 - 130*
13C8 PFOS	*75.2*		*40 - 130*
13C8 FOSA	*75.1*		*40 - 130*
d3-NMeFOSAA	*62.4*		*40 - 135*
d5-NEtFOSAA	*53.1*		*40 - 150*
13C2 4:2 FTS	*81.2*		*40 - 165*
13C2 6:2 FTS	*74.8*		*40 - 215*
13C2 8:2 FTS	*93.8*		*40 - 275*
13C3 HFPO-DA	*78.1*		*40 - 130*
d7-N-MeFOSE-M	*32.3*		*20 - 130*
d9-N-EtFOSE-M	*27.0*		*15 - 130*
d5-NEtPFOSA	*52.2*		*10 - 130*
d3-NMePFOSA	*56.0*		*10 - 130*
13C2 PFDoA	*54.6*		*40 - 130*

Lab Sample ID: LLCS 410-710123/3-A
Matrix: Solid
Analysis Batch: 710546

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 710123

Analyte	Spike Added	LLCS Result	LLCS Qualifier	Unit	D	%Rec	%Rec Limits
Perfluorobutanoic acid (PFBA)	0.476	0.402		ug/Kg		84	70 - 140
Perfluoropentanoic acid (PFPeA)	0.238	0.205		ug/Kg		86	60 - 150
Perfluorohexanoic acid (PFHxA)	0.238	0.211		ug/Kg		88	65 - 140
Perfluoroheptanoic acid (PFHpA)	0.238	0.219		ug/Kg		92	65 - 145
Perfluorooctanoic acid (PFOA)	0.238	0.217		ug/Kg		91	70 - 150

Method: 1633A - Per- and Polyfluoroalkyl Substances by LC/MS/MS, 1633A (Continued)

Lab Sample ID: LLCS 410-710123/3-A
Matrix: Solid
Analysis Batch: 710546

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 710123

Analyte	Spike Added	LLCS Result	LLCS Qualifier	Unit	D	%Rec	%Rec Limits
Perfluorononanoic acid (PFNA)	0.238	0.212		ug/Kg		89	70 - 155
Perfluorodecanoic acid (PFDA)	0.238	0.209		ug/Kg		88	70 - 155
Perfluoroundecanoic acid (PFUnA)	0.238	0.225		ug/Kg		94	70 - 155
Perfluorododecanoic acid (PFDoA)	0.238	0.202		ug/Kg		85	70 - 150
Perfluorotridecanoic acid (PFTrDA)	0.238	0.220		ug/Kg		92	65 - 150
Perfluorotetradecanoic acid (PFTeDA)	0.238	0.233		ug/Kg		98	65 - 150
Perfluorobutanesulfonic acid (PFBS)	0.211	0.184	J	ug/Kg		87	65 - 145
Perfluoropentanesulfonic acid (PFPeS)	0.224	0.188	J	ug/Kg		84	55 - 160
Perfluorohexanesulfonic acid (PFHxS)	0.217	0.194		ug/Kg		89	60 - 150
Perfluoroheptanesulfonic acid (PFHpS)	0.227	0.218		ug/Kg		96	65 - 155
Perfluorooctanesulfonic acid (PFOS)	0.221	0.203		ug/Kg		92	65 - 160
Perfluorononanesulfonic acid (PFNS)	0.229	0.165	J	ug/Kg		72	55 - 140
Perfluorodecanesulfonic acid (PFDS)	0.230	0.169	J	ug/Kg		74	40 - 155
Perfluorododecanesulfonic acid (PFDoS)	0.231	0.150	J	ug/Kg		65	25 - 160
1H,1H,2H,2H-Perfluorohexane sulfonic acid (4:2 FTS)	0.447	0.418		ug/Kg		94	60 - 150
1H,1H,2H,2H-Perfluorooctane sulfonic acid (6:2 FTS)	0.453	0.402		ug/Kg		89	55 - 200
1H,1H,2H,2H-Perfluorodecane sulfonic acid (8:2 FTS)	0.457	0.390		ug/Kg		85	70 - 150
Perfluorooctanesulfonamide (PFOSA)	0.238	0.222		ug/Kg		93	70 - 140
N-methylperfluorooctane sulfonamide (NMeFOSA)	0.238	0.178	J	ug/Kg		75	70 - 155
N-ethylperfluorooctane sulfonamide (NEtFOSA)	0.238	0.203		ug/Kg		85	70 - 140
N-methylperfluorooctanesulfonamidoacetic acid (NMeFOSAA)	0.238	0.170	J	ug/Kg		71	65 - 155
N-ethylperfluorooctanesulfonamidoacetic acid (NEtFOSAA)	0.238	0.219		ug/Kg		92	65 - 165
N-methylperfluorooctane sulfonamidoethanol (NMeFOSE)	1.19	0.977		ug/Kg		82	70 - 140
N-ethylperfluorooctane sulfonamidoethanol (NEtFOSE)	1.19	1.174		ug/Kg		99	70 - 135
Hexafluoropropylene Oxide Dimer Acid (HFPO-DA)	0.179	0.173	J	ug/Kg		97	70 - 145
4,8-Dioxa-3H-perfluorononanoic acid (ADONA)	0.225	0.215		ug/Kg		95	70 - 160
Perfluoro-3-methoxypropanoic acid (PFMPA)	0.238	0.217		ug/Kg		91	30 - 140
Perfluoro-4-methoxybutanoic acid (PFMBA)	0.238	0.211		ug/Kg		88	60 - 150

Method: 1633A - Per- and Polyfluoroalkyl Substances by LC/MS/MS, 1633A (Continued)

Lab Sample ID: LLCS 410-710123/3-A
Matrix: Solid
Analysis Batch: 710546

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 710123

Analyte	Spike Added	LLCS Result	LLCS Qualifier	Unit	D	%Rec	%Rec Limits
Nonafluoro-3,6-dioxaheptanoic acid (NFDHA)	0.238	0.206		ug/Kg		86	60 - 155
9-Chlorohexadecafluoro-3-oxanonane-1-sulfonic acid (9Cl-PF3ONS)	0.222	0.208		ug/Kg		94	70 - 150
11-Chloroeicosafluoro-3-oxaundecane-1-sulfonic acid (11Cl-PF3OUdS)	0.225	0.173	J	ug/Kg		77	45 - 160
Perfluoro (2-ethoxyethane) sulfonic acid (PFEESA)	0.212	0.173	J	ug/Kg		81	70 - 140
3-Perfluoropropylpropanoic acid (3:3 FTCA)	0.476	0.377	J	ug/Kg		79	45 - 130
3-Perfluoropentylpropanoic acid (5:3 FTCA)	1.19	1.154		ug/Kg		97	60 - 130
3-Perfluoroheptylpropanoic acid (7:3 FTCA)	1.19	1.028		ug/Kg		86	60 - 150

Isotope Dilution	*LLCS %Recovery*	*LLCS Qualifier*	*Limits*
13C4 PFBA	*87.6*		*8 - 130*
13C5 PFPeA	*85.1*		*35 - 130*
13C5 PFHxA	*84.9*		*40 - 130*
13C4 PFHpA	*84.8*		*40 - 130*
13C8 PFOA	*79.3*		*40 - 130*
13C9 PFNA	*76.1*		*40 - 130*
13C6 PFDA	*74.1*		*40 - 130*
13C7 PFUnA	*70.0*		*40 - 130*
13C2 PFTeDA	*54.0*		*20 - 130*
13C3 PFBS	*83.3*		*40 - 135*
13C3 PFHxS	*79.7*		*40 - 130*
13C8 PFOS	*76.5*		*40 - 130*
13C8 FOSA	*72.7*		*40 - 130*
d3-NMeFOSAA	*67.8*		*40 - 135*
d5-NEtFOSAA	*62.5*		*40 - 150*
13C2 4:2 FTS	*80.6*		*40 - 165*
13C2 6:2 FTS	*79.0*		*40 - 215*
13C2 8:2 FTS	*95.0*		*40 - 275*
13C3 HFPO-DA	*79.8*		*40 - 130*
d7-N-MeFOSE-M	*25.3*		*20 - 130*
d9-N-EtFOSE-M	*16.4*		*15 - 130*
d5-NEtPFOSA	*49.2*		*10 - 130*
d3-NMePFOSA	*55.4*		*10 - 130*
13C2 PFDoA	*64.1*		*40 - 130*

Method: 6020B - Metals (ICP/MS)

Lab Sample ID: MB 460-1065782/1-A
Matrix: Solid
Analysis Batch: 1066101

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 1065782

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Aluminum	20.0	U	20.0	5.5	mg/Kg		10/03/25 19:40	10/05/25 13:03	1

Method: 6020B - Metals (ICP/MS) (Continued)

Lab Sample ID: MB 460-1065782/1-A
Matrix: Solid
Analysis Batch: 1066101

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 1065782

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Antimony	1.0	U	1.0	0.15	mg/Kg		10/03/25 19:40	10/05/25 13:03	1
Antimony	1.0	U	1.0	0.15	mg/Kg		10/03/25 19:40	10/05/25 13:03	1
Arsenic	1.0	U	1.0	0.10	mg/Kg		10/03/25 19:40	10/05/25 13:03	1
Barium	2.0	U	2.0	0.15	mg/Kg		10/03/25 19:40	10/05/25 13:03	1
Beryllium	0.40	U	0.40	0.022	mg/Kg		10/03/25 19:40	10/05/25 13:03	1
Cadmium	1.0	U	1.0	0.11	mg/Kg		10/03/25 19:40	10/05/25 13:03	1
Calcium	100	U	100	9.7	mg/Kg		10/03/25 19:40	10/05/25 13:03	1
Chromium	2.0	U	2.0	0.30	mg/Kg		10/03/25 19:40	10/05/25 13:03	1
Cobalt	1.0	U	1.0	0.15	mg/Kg		10/03/25 19:40	10/05/25 13:03	1
Copper	2.0	U	2.0	0.37	mg/Kg		10/03/25 19:40	10/05/25 13:03	1
Iron	60.0	U	60.0	7.7	mg/Kg		10/03/25 19:40	10/05/25 13:03	1
Lead	0.60	U	0.60	0.20	mg/Kg		10/03/25 19:40	10/05/25 13:03	1
Magnesium	100	U	100	10.2	mg/Kg		10/03/25 19:40	10/05/25 13:03	1
Manganese	4.0	U	4.0	0.40	mg/Kg		10/03/25 19:40	10/05/25 13:03	1
Nickel	2.0	U	2.0	0.18	mg/Kg		10/03/25 19:40	10/05/25 13:03	1
Potassium	100	U	100	16.2	mg/Kg		10/03/25 19:40	10/05/25 13:03	1
Selenium	1.3	U	1.3	0.13	mg/Kg		10/03/25 19:40	10/05/25 13:03	1
Silver	0.40	U	0.40	0.089	mg/Kg		10/03/25 19:40	10/05/25 13:03	1
Sodium	100	U	100	45.7	mg/Kg		10/03/25 19:40	10/05/25 13:03	1
Thallium	0.40	U	0.40	0.041	mg/Kg		10/03/25 19:40	10/05/25 13:03	1
Vanadium	2.0	U	2.0	0.21	mg/Kg		10/03/25 19:40	10/05/25 13:03	1
Zinc	8.0	U	8.0	1.1	mg/Kg		10/03/25 19:40	10/05/25 13:03	1

Lab Sample ID: LCSSRM 460-1065782/2-A
Matrix: Solid
Analysis Batch: 1066101

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 1065782

Analyte	Spike Added	LCSSRM Result	LCSSRM Qualifier	Unit	D	%Rec	%Rec Limits
Aluminum	6840	5803		mg/Kg		84.8	53.2 - 146.2
Antimony	131	73.08		mg/Kg		55.8	4.5 - 195.4
Arsenic	192	188.8		mg/Kg		98.4	81.3 - 118.8
Barium	219	234.2		mg/Kg		106.9	81.7 - 118.3
Beryllium	146	143.2		mg/Kg		98.1	82.2 - 117.8
Cadmium	114	118.4		mg/Kg		103.9	81.7 - 118.4
Calcium	4080	4158		mg/Kg		101.9	82.4 - 117.6
Chromium	153	157.5		mg/Kg		103.0	81.0 - 119.0
Cobalt	231	238.2		mg/Kg		103.1	83.1 - 117.3
Copper	91.2	90.64		mg/Kg		99.4	83.1 - 117.3
Iron	7020	6064		mg/Kg		86.4	60.7 - 139.2
Lead	141	135.7		mg/Kg		96.2	81.6 - 118.4

Method: 6020B - Metals (ICP/MS) (Continued)

Lab Sample ID: LCSSRM 460-1065782/2-A
Matrix: Solid
Analysis Batch: 1066101

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 1065782

Analyte	Spike Added	LCSSRM Result	LCSSRM Qualifier	Unit	D	%Rec	%Rec Limits
Magnesium	1900	1755		mg/Kg		92.4	76.3 - 123.7
Manganese	401	394.1		mg/Kg		98.3	80.8 - 119.0
Nickel	143	152.5		mg/Kg		106.6	81.8 - 118.9
Potassium	1760	1604		mg/Kg		91.1	72.2 - 127.8
Selenium	94.7	93.70		mg/Kg		98.9	78.5 - 121.4
Silver	77.0	73.84		mg/Kg		95.9	79.4 - 120.6
Sodium	661	696.8		mg/Kg		105.4	73.7 - 126.2
Thallium	183	188.7		mg/Kg		103.1	80.3 - 119.7
Vanadium	159	155.7		mg/Kg		98.0	78.6 - 122.0
Zinc	292	294.9		mg/Kg		101.0	79.8 - 120.2

Lab Sample ID: 460-335919-A-3-A MS
Matrix: Solid
Analysis Batch: 1066101

Client Sample ID: Matrix Spike
Prep Type: Total/NA
Prep Batch: 1065782

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec Limits
Aluminum	15000		556	19560	4	mg/Kg	☼	826	75 - 125
Antimony	0.60	J	5.56	5.67		mg/Kg	☼	91	75 - 125
Arsenic	17.1		11.1	28.70		mg/Kg	☼	105	75 - 125
Barium	77.3		11.1	101.9	4	mg/Kg	☼	221	75 - 125
Beryllium	0.58		5.56	5.54		mg/Kg	☼	89	75 - 125
Cadmium	0.13	J	5.56	5.27		mg/Kg	☼	92	75 - 125
Calcium	4250		556	4547	4	mg/Kg	☼	54	75 - 125
Chromium	28.9		11.1	42.60		mg/Kg	☼	123	75 - 125
Cobalt	2.8		5.56	7.79		mg/Kg	☼	90	75 - 125
Copper	14.6		11.1	23.63		mg/Kg	☼	81	75 - 125
Iron	33200		556	39230	4	mg/Kg	☼	1075	75 - 125
Lead	14.5		5.56	22.44	N	mg/Kg	☼	144	75 - 125
Magnesium	2500		556	3277	4	mg/Kg	☼	140	75 - 125
Manganese	46.0		55.6	95.72		mg/Kg	☼	89	75 - 125
Nickel	6.2		11.1	17.26		mg/Kg	☼	99	75 - 125
Potassium	3370		556	4125	4	mg/Kg	☼	136	75 - 125
Selenium	0.57	J	11.1	9.70		mg/Kg	☼	82	75 - 125
Silver	0.44	U	5.56	5.02		mg/Kg	☼	90	75 - 125
Sodium	107	J	556	607.7		mg/Kg	☼	90	75 - 125
Thallium	0.13	J	4.45	4.36		mg/Kg	☼	95	75 - 125
Vanadium	42.0		11.1	61.76	N	mg/Kg	☼	178	75 - 125
Zinc	44.8		55.6	94.78		mg/Kg	☼	90	75 - 125

Method: 6020B - Metals (ICP/MS) (Continued)

Lab Sample ID: 460-335919-A-3-B MSD
Matrix: Solid
Analysis Batch: 1066101

Client Sample ID: Matrix Spike Duplicate
Prep Type: Total/NA
Prep Batch: 1065782

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Aluminum	15000		552	19200	4	mg/Kg	☼	766	75 - 125	2	20
Antimony	0.60	J	5.52	5.58		mg/Kg	☼	90	75 - 125	2	20
Arsenic	17.1		11.0	27.35		mg/Kg	☼	93	75 - 125	5	20
Barium	77.3		11.0	97.36	4	mg/Kg	☼	182	75 - 125	5	20
Beryllium	0.58		5.52	5.49		mg/Kg	☼	89	75 - 125	1	20
Cadmium	0.13	J	5.52	5.17		mg/Kg	☼	91	75 - 125	2	20
Calcium	4250		552	4672	4	mg/Kg	☼	77	75 - 125	3	20
Chromium	28.9		11.0	41.48		mg/Kg	☼	114	75 - 125	3	20
Cobalt	2.8		5.52	7.73		mg/Kg	☼	90	75 - 125	1	20
Copper	14.6		11.0	23.89		mg/Kg	☼	84	75 - 125	1	20
Iron	33200		552	37530	4	mg/Kg	☼	776	75 - 125	4	20
Lead	14.5		5.52	21.93	N	mg/Kg	☼	135	75 - 125	2	20
Magnesium	2500		552	3266	4	mg/Kg	☼	139	75 - 125	0	20
Manganese	46.0		55.2	98.02		mg/Kg	☼	94	75 - 125	2	20
Nickel	6.2		11.0	17.02		mg/Kg	☼	98	75 - 125	1	20
Potassium	3370		552	4014	4	mg/Kg	☼	117	75 - 125	3	20
Selenium	0.57	J	11.0	9.70		mg/Kg	☼	83	75 - 125	0	20
Silver	0.44	U	5.52	5.01		mg/Kg	☼	91	75 - 125	0	20
Sodium	107	J	552	606.7		mg/Kg	☼	91	75 - 125	0	20
Thallium	0.13	J	4.42	4.31		mg/Kg	☼	95	75 - 125	1	20
Vanadium	42.0		11.0	56.99	N	mg/Kg	☼	136	75 - 125	8	20
Zinc	44.8		55.2	91.76		mg/Kg	☼	85	75 - 125	3	20

Lab Sample ID: 460-335919-B-3-B DU
Matrix: Solid
Analysis Batch: 1066101

Client Sample ID: Duplicate
Prep Type: Total/NA
Prep Batch: 1065782

Analyte	Sample Result	Sample Qualifier		DU Result	DU Qualifier	Unit	D			RPD	RPD Limit
Aluminum	15000			15000		mg/Kg	☼			0.2	20
Antimony	0.60	J		0.585	J	mg/Kg	☼			3	20
Arsenic	17.1			16.99		mg/Kg	☼			0.4	20
Barium	77.3			82.63		mg/Kg	☼			7	20
Beryllium	0.58			0.579		mg/Kg	☼			0.1	20
Cadmium	0.13	J		1.1	U	mg/Kg	☼			NC	20
Calcium	4250			4109		mg/Kg	☼			3	20
Chromium	28.9			28.72		mg/Kg	☼			0.7	20
Cobalt	2.8			2.67		mg/Kg	☼			4	20
Copper	14.6			14.08		mg/Kg	☼			4	20
Iron	33200			32110		mg/Kg	☼			3	20
Lead	14.5			15.26		mg/Kg	☼			5	20
Magnesium	2500			2502		mg/Kg	☼			0.2	20
Manganese	46.0			44.43		mg/Kg	☼			3	20
Nickel	6.2			6.02		mg/Kg	☼			3	20
Potassium	3370			3414		mg/Kg	☼			1	20
Selenium	0.57	J		0.603	J	mg/Kg	☼			5	20
Silver	0.44	U		0.46	U	mg/Kg	☼			NC	20
Sodium	107	J		107.7	J	mg/Kg	☼			0.7	20
Thallium	0.13	J		0.139	J	mg/Kg	☼			5	20
Vanadium	42.0			40.26		mg/Kg	☼			4	20

Method: 6020B - Metals (ICP/MS) (Continued)

Lab Sample ID: 460-335919-B-3-B DU
Matrix: Solid
Analysis Batch: 1066101

Client Sample ID: Duplicate
Prep Type: Total/NA
Prep Batch: 1065782

Analyte	Sample Result	Sample Qualifier	DU Result	DU Qualifier	Unit	D	RPD	RPD Limit
Zinc	44.8		41.46		mg/Kg	☼	8	20

Lab Sample ID: MB 460-1065783/1-A
Matrix: Solid
Analysis Batch: 1066015

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 1065783

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Aluminum	20.0	U	20.0	5.5	mg/Kg		10/03/25 19:40	10/04/25 19:05	1
Antimony	1.0	U	1.0	0.15	mg/Kg		10/03/25 19:40	10/04/25 19:05	1
Arsenic	1.0	U	1.0	0.10	mg/Kg		10/03/25 19:40	10/04/25 19:05	1
Barium	2.0	U	2.0	0.15	mg/Kg		10/03/25 19:40	10/04/25 19:05	1
Beryllium	0.40	U	0.40	0.022	mg/Kg		10/03/25 19:40	10/04/25 19:05	1
Cadmium	1.0	U	1.0	0.11	mg/Kg		10/03/25 19:40	10/04/25 19:05	1
Calcium	100	U	100	9.7	mg/Kg		10/03/25 19:40	10/04/25 19:05	1
Chromium	2.0	U	2.0	0.30	mg/Kg		10/03/25 19:40	10/04/25 19:05	1
Cobalt	1.0	U	1.0	0.15	mg/Kg		10/03/25 19:40	10/04/25 19:05	1
Copper	2.0	U	2.0	0.37	mg/Kg		10/03/25 19:40	10/04/25 19:05	1
Iron	60.0	U	60.0	7.7	mg/Kg		10/03/25 19:40	10/04/25 19:05	1
Lead	0.60	U	0.60	0.20	mg/Kg		10/03/25 19:40	10/04/25 19:05	1
Magnesium	100	U	100	10.2	mg/Kg		10/03/25 19:40	10/04/25 19:05	1
Manganese	4.0	U	4.0	0.40	mg/Kg		10/03/25 19:40	10/04/25 19:05	1
Nickel	2.0	U	2.0	0.18	mg/Kg		10/03/25 19:40	10/04/25 19:05	1
Potassium	100	U	100	16.2	mg/Kg		10/03/25 19:40	10/04/25 19:05	1
Selenium	1.3	U	1.3	0.13	mg/Kg		10/03/25 19:40	10/04/25 19:05	1
Silver	0.40	U	0.40	0.089	mg/Kg		10/03/25 19:40	10/04/25 19:05	1
Sodium	100	U	100	45.7	mg/Kg		10/03/25 19:40	10/04/25 19:05	1
Thallium	0.40	U	0.40	0.041	mg/Kg		10/03/25 19:40	10/04/25 19:05	1
Vanadium	2.0	U	2.0	0.21	mg/Kg		10/03/25 19:40	10/04/25 19:05	1
Zinc	8.0	U	8.0	1.1	mg/Kg		10/03/25 19:40	10/04/25 19:05	1

Lab Sample ID: LCSSRM 460-1065783/2-A
Matrix: Solid
Analysis Batch: 1066015

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 1065783

Analyte	Spike Added	LCSSRM Result	LCSSRM Qualifier	Unit	D	%Rec	%Rec Limits
Aluminum	6840	5921		mg/Kg		86.6	53.2 - 146.2
Antimony	131	73.00		mg/Kg		55.7	4.5 - 195.4
Arsenic	192	191.7		mg/Kg		99.8	81.3 - 118.8
Barium	219	240.1		mg/Kg		109.6	81.7 - 118.3
Beryllium	146	148.8		mg/Kg		101.9	82.2 - 117.8
Cadmium	114	119.5		mg/Kg		104.8	81.7 - 118.4
Calcium	4080	4125		mg/Kg		101.1	82.4 - 117.6
Chromium	153	161.1		mg/Kg		105.3	81.0 - 119.0

Method: 6020B - Metals (ICP/MS) (Continued)

Lab Sample ID: LCSSRM 460-1065783/2-A
Matrix: Solid
Analysis Batch: 1066015

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 1065783

Analyte	Spike Added	LCSSRM Result	LCSSRM Qualifier	Unit	D	%Rec	%Rec Limits
Cobalt	231	242.5		mg/Kg		105.0	83.1 - 117.3
Copper	91.2	93.29		mg/Kg		102.3	83.1 - 117.3
Iron	7020	5771		mg/Kg		82.2	60.7 - 139.2
Lead	141	137.1		mg/Kg		97.3	81.6 - 118.4
Magnesium	1900	1770		mg/Kg		93.1	76.3 - 123.7
Manganese	401	429.9		mg/Kg		107.2	80.8 - 119.0
Nickel	143	155.7		mg/Kg		108.9	81.8 - 118.9
Potassium	1760	1606		mg/Kg		91.3	72.2 - 127.8
Selenium	94.7	92.31		mg/Kg		97.5	78.5 - 121.4
Silver	77.0	74.60		mg/Kg		96.9	79.4 - 120.6
Sodium	661	681.5		mg/Kg		103.1	73.7 - 126.2
Thallium	183	196.9		mg/Kg		107.6	80.3 - 119.7
Vanadium	159	160.0		mg/Kg		100.7	78.6 - 122.0
Zinc	292	299.3		mg/Kg		102.5	79.8 - 120.2

Lab Sample ID: 460-335975-14 MS
Matrix: Solid
Analysis Batch: 1066015

Client Sample ID: 57A_4-8
Prep Type: Total/NA
Prep Batch: 1065783

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec Limits
Aluminum	5580		420	7271	4	mg/Kg	☼	401	75 - 125
Antimony	1.2		4.20	4.97		mg/Kg	☼	90	75 - 125
Arsenic	7.4		8.40	14.45		mg/Kg	☼	85	75 - 125
Barium	49.1		8.40	56.07	4	mg/Kg	☼	83	75 - 125
Beryllium	1.0		4.20	4.77		mg/Kg	☼	90	75 - 125
Cadmium	0.16	J	4.20	4.06		mg/Kg	☼	93	75 - 125
Calcium	1020		420	1457		mg/Kg	☼	105	75 - 125
Chromium	28.6		8.40	38.40		mg/Kg	☼	117	75 - 125
Cobalt	11.7		4.20	16.93		mg/Kg	☼	123	75 - 125
Copper	96.8		8.40	91.52	4	mg/Kg	☼	-62	75 - 125
Iron	22600		420	21590	4	mg/Kg	☼	-243	75 - 125
Lead	109		4.20	99.36	4	mg/Kg	☼	-220	75 - 125
Magnesium	1240		420	1754		mg/Kg	☼	123	75 - 125
Manganese	298		42.0	211.4	4	mg/Kg	☼	-206	75 - 125
Nickel	43.1		8.40	55.25	4	mg/Kg	☼	145	75 - 125
Potassium	1650		420	2158		mg/Kg	☼	122	75 - 125
Selenium	0.65	J	8.40	8.12		mg/Kg	☼	89	75 - 125
Silver	0.16	J	4.20	4.04		mg/Kg	☼	93	75 - 125

Method: 6020B - Metals (ICP/MS) (Continued)

Lab Sample ID: 460-335975-14 MS
Matrix: Solid
Analysis Batch: 1066015

Client Sample ID: 57A_4-8
Prep Type: Total/NA
Prep Batch: 1065783

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec Limits
Sodium	80.2	J	420	485.5		mg/Kg	☼	96	75 - 125
Thallium	0.045	J	3.36	3.22		mg/Kg	☼	95	75 - 125
Vanadium	22.7		8.40	32.48		mg/Kg	☼	116	75 - 125
Zinc	281		42.0	285.2	4	mg/Kg	☼	9	75 - 125

Lab Sample ID: 460-335975-14 DU
Matrix: Solid
Analysis Batch: 1066015

Client Sample ID: 57A_4-8
Prep Type: Total/NA
Prep Batch: 1065783

Analyte	Sample Result	Sample Qualifier	DU Result	DU Qualifier	Unit	D	RPD	RPD Limit
Aluminum	5580		5832		mg/Kg	☼	4	20
Antimony	1.2		1.13		mg/Kg	☼	5	20
Arsenic	7.4		7.62		mg/Kg	☼	4	20
Barium	49.1		44.05		mg/Kg	☼	11	20
Beryllium	1.0		0.776		mg/Kg	☼	26	20
Cadmium	0.16	J	0.178	J	mg/Kg	☼	9	20
Calcium	1020		1402	*	mg/Kg	☼	32	20
Chromium	28.6		22.84	*	mg/Kg	☼	22	20
Cobalt	11.7		11.91		mg/Kg	☼	1	20
Copper	96.8		80.58		mg/Kg	☼	18	20
Iron	22600		21530		mg/Kg	☼	5	20
Lead	109		99.66		mg/Kg	☼	9	20
Magnesium	1240		1576	*	mg/Kg	☼	24	20
Manganese	298		509.6	*	mg/Kg	☼	52	20
Nickel	43.1		45.30		mg/Kg	☼	5	20
Potassium	1650		1523		mg/Kg	☼	8	20
Selenium	0.65	J	0.644	J	mg/Kg	☼	0.7	20
Silver	0.16	J	0.141	J	mg/Kg	☼	10	20
Sodium	80.2	J	74.75	J	mg/Kg	☼	7	20
Thallium	0.045	J	0.0571	J	mg/Kg	☼	23	20
Vanadium	22.7		23.96		mg/Kg	☼	5	20
Zinc	281		219.3	*	mg/Kg	☼	25	20

Method: 7471B - Mercury (CVAA)

Lab Sample ID: MB 460-1066119/10-A
Matrix: Solid
Analysis Batch: 1066287

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 1066119

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	0.017	U	0.017	0.0080	mg/Kg		10/06/25 01:04	10/06/25 10:14	1

Lab Sample ID: LCSSRM 460-1066119/11-A
Matrix: Solid
Analysis Batch: 1066287

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 1066119

Analyte	Spike Added	LCSSRM Result	LCSSRM Qualifier	Unit	D	%Rec	%Rec Limits
Mercury	14.1	11.60		mg/Kg		82.3	69.6 - 130.5

Method: 7471B - Mercury (CVAA) (Continued)

Lab Sample ID: 460-335381-C-22-H MS
Matrix: Solid
Analysis Batch: 1066287

Client Sample ID: Matrix Spike
Prep Type: Total/NA
Prep Batch: 1066119

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec Limits
Mercury	0.030		0.0967	0.115		mg/Kg	☼	88	80 - 120

Lab Sample ID: 460-335381-C-22-I MSD
Matrix: Solid
Analysis Batch: 1066287

Client Sample ID: Matrix Spike Duplicate
Prep Type: Total/NA
Prep Batch: 1066119

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Mercury	0.030		0.0967	0.113		mg/Kg	☼	86	80 - 120	2	20

Lab Sample ID: 460-335381-D-22-K DU
Matrix: Solid
Analysis Batch: 1066287

Client Sample ID: Duplicate
Prep Type: Total/NA
Prep Batch: 1066119

Analyte	Sample Result	Sample Qualifier	DU Result	DU Qualifier	Unit	D	RPD	RPD Limit
Mercury	0.030		0.0389		mg/Kg	☼	26	20

Lab Sample ID: MB 460-1066120/1-A
Matrix: Solid
Analysis Batch: 1066287

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 1066120

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	0.017	U	0.017	0.0080	mg/Kg		10/06/25 01:32	10/06/25 11:40	1

Lab Sample ID: LCSSRM 460-1066120/2-A
Matrix: Solid
Analysis Batch: 1066287

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 1066120

Analyte	Spike Added	LCSSRM Result	LCSSRM Qualifier	Unit	D	%Rec	%Rec Limits
Mercury	14.1	11.78		mg/Kg		83.5	69.6 - 130.5

Lab Sample ID: 460-335975-10 MS
Matrix: Solid
Analysis Batch: 1066287

Client Sample ID: 59E_6-12
Prep Type: Total/NA
Prep Batch: 1066120

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec Limits
Mercury	0.049		0.0833	0.125		mg/Kg	☼	91	80 - 120

Lab Sample ID: 460-335975-10 DU
Matrix: Solid
Analysis Batch: 1066287

Client Sample ID: 59E_6-12
Prep Type: Total/NA
Prep Batch: 1066120

Analyte	Sample Result	Sample Qualifier	DU Result	DU Qualifier	Unit	D	RPD	RPD Limit
Mercury	0.049		0.0515		mg/Kg	☼	4	20

Method: Moisture - Percent Moisture

Lab Sample ID: 460-335975-11 DU
Matrix: Solid
Analysis Batch: 1065423

Client Sample ID: 59F_0-6
Prep Type: Total/NA

Analyte	Sample Result	Sample Qualifier		DU Result	DU Qualifier	Unit	D			RPD	RPD Limit
Percent Moisture	3.3			2.9		%				10	20
Percent Solids	96.7			97.1		%				0.3	20

Lab Sample ID: 460-335975-33 DU
Matrix: Solid
Analysis Batch: 1065425

Client Sample ID: 59C3_4-5
Prep Type: Total/NA

Analyte	Sample Result	Sample Qualifier		DU Result	DU Qualifier	Unit	D			RPD	RPD Limit
Percent Moisture	8.9			8.6		%				4	20
Percent Solids	91.1			91.4		%				0.4	20

Lab Sample ID: 460-335975-53 DU
Matrix: Solid
Analysis Batch: 1065426

Client Sample ID: 59F2_3-4
Prep Type: Total/NA

Analyte	Sample Result	Sample Qualifier		DU Result	DU Qualifier	Unit	D			RPD	RPD Limit
Percent Moisture	10.3			9.6		%				7	20
Percent Solids	89.7			90.4		%				0.8	20

GC/MS VOA

Prep Batch: 1065350

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
460-335975-17	59A1_0-1	Total/NA	Solid	5035	
460-335975-18	59A2_2-3	Total/NA	Solid	5035	
460-335975-19	59A3_3-4	Total/NA	Solid	5035	
460-335975-20	59A1_4-5	Total/NA	Solid	5035	
460-335975-21	59A2_6-7	Total/NA	Solid	5035	
460-335975-22	59A3_8-9	Total/NA	Solid	5035	
460-335975-23	59A3_11-12	Total/NA	Solid	5035	
460-335975-24	59B1_1-2	Total/NA	Solid	5035	
460-335975-25	59B2_2-3	Total/NA	Solid	5035	
460-335975-26	59B3_4-5	Total/NA	Solid	5035	
460-335975-27	59B1_5-6	Total/NA	Solid	5035	
460-335975-28	59B2_7.8	Total/NA	Solid	5035	
460-335975-29	59B3_8-9	Total/NA	Solid	5035	
460-335975-30	59B2_9-10	Total/NA	Solid	5035	
460-335975-31	59C1_1-2	Total/NA	Solid	5035	
460-335975-32	59C2_3-4	Total/NA	Solid	5035	
460-335975-33	59C3_4-5	Total/NA	Solid	5035	
460-335975-34	59C1_5-6	Total/NA	Solid	5035	
460-335975-35	59C2_6-7	Total/NA	Solid	5035	
460-335975-36	59C3_8-9	Total/NA	Solid	5035	
460-335975-37	59C1_9-10	Total/NA	Solid	5035	
460-335975-38	59D1_1-2	Total/NA	Solid	5035	
460-335975-39	59D2_2-3	Total/NA	Solid	5035	
460-335975-40	59D3_3-4	Total/NA	Solid	5035	
460-335975-41	59D1_6-7	Total/NA	Solid	5035	
460-335975-42	59D2_7-8	Total/NA	Solid	5035	
460-335975-43	59D3_8-9	Total/NA	Solid	5035	
460-335975-44	59D2_11-12	Total/NA	Solid	5035	

Prep Batch: 1065359

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
460-335975-45	59E1_1-2	Total/NA	Solid	5035	
460-335975-46	59E2_2-3	Total/NA	Solid	5035	
460-335975-47	59E3_4-5	Total/NA	Solid	5035	
460-335975-48	59E1_6-7	Total/NA	Solid	5035	
460-335975-49	59E2_8-9	Total/NA	Solid	5035	
460-335975-50	59E3_9-10	Total/NA	Solid	5035	
460-335975-51	59E1_11-12	Total/NA	Solid	5035	
460-335975-52	59F1_1-2	Total/NA	Solid	5035	
460-335975-53	59F2_3-4	Total/NA	Solid	5035	
460-335975-54	59F3_4-5	Total/NA	Solid	5035	
460-335975-55	59F1_5-6	Total/NA	Solid	5035	
460-335975-56	59F2_7-8	Total/NA	Solid	5035	
460-335975-57	59F3_9-10	Total/NA	Solid	5035	
460-335975-58	59F1_11-12	Total/NA	Solid	5035	
460-335975-59	57A1_1-2	Total/NA	Solid	5035	
460-335975-60	57A2_2-3	Total/NA	Solid	5035	
460-335975-61	57A3_3-4	Total/NA	Solid	5035	
460-335975-62	57A1_4-5	Total/NA	Solid	5035	
460-335975-63	57A2_6-7	Total/NA	Solid	5035	
460-335975-64	57A3_5-6	Total/NA	Solid	5035	

GC/MS VOA (Continued)

Prep Batch: 1065359 (Continued)

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
460-335975-65	57A3_7-8	Total/NA	Solid	5035	
460-335975-66	57B1_1-2	Total/NA	Solid	5035	
460-335975-67	57B2_2-3	Total/NA	Solid	5035	
460-335975-68	57B3_3-4	Total/NA	Solid	5035	
460-335975-69	57B1_4-5	Total/NA	Solid	5035	
460-335975-70	57B2_5-6	Total/NA	Solid	5035	
460-335975-71	57B3_6-7	Total/NA	Solid	5035	
460-335975-72	57B1_7-8	Total/NA	Solid	5035	

Analysis Batch: 1065774

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
460-335975-17	59A1_0-1	Total/NA	Solid	8260D	1065350
460-335975-18	59A2_2-3	Total/NA	Solid	8260D	1065350
460-335975-19	59A3_3-4	Total/NA	Solid	8260D	1065350
460-335975-22	59A3_8-9	Total/NA	Solid	8260D	1065350
MB 460-1065774/7	Method Blank	Total/NA	Solid	8260D	
LCS 460-1065774/3	Lab Control Sample	Total/NA	Solid	8260D	
LCSD 460-1065774/4	Lab Control Sample Dup	Total/NA	Solid	8260D	

Analysis Batch: 1065795

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
460-335975-23	59A3_11-12	Total/NA	Solid	8260D	1065350
460-335975-24	59B1_1-2	Total/NA	Solid	8260D	1065350
460-335975-25	59B2_2-3	Total/NA	Solid	8260D	1065350
460-335975-26	59B3_4-5	Total/NA	Solid	8260D	1065350
460-335975-27	59B1_5-6	Total/NA	Solid	8260D	1065350
460-335975-28	59B2_7.8	Total/NA	Solid	8260D	1065350
460-335975-29	59B3_8-9	Total/NA	Solid	8260D	1065350
460-335975-30	59B2_9-10	Total/NA	Solid	8260D	1065350
460-335975-31	59C1_1-2	Total/NA	Solid	8260D	1065350
460-335975-32	59C2_3-4	Total/NA	Solid	8260D	1065350
460-335975-33	59C3_4-5	Total/NA	Solid	8260D	1065350
460-335975-34	59C1_5-6	Total/NA	Solid	8260D	1065350
460-335975-36	59C3_8-9	Total/NA	Solid	8260D	1065350
460-335975-37	59C1_9-10	Total/NA	Solid	8260D	1065350
460-335975-38	59D1_1-2	Total/NA	Solid	8260D	1065350
460-335975-40	59D3_3-4	Total/NA	Solid	8260D	1065350
460-335975-41	59D1_6-7	Total/NA	Solid	8260D	1065350
460-335975-42	59D2_7-8	Total/NA	Solid	8260D	1065350
MB 460-1065795/8	Method Blank	Total/NA	Solid	8260D	
LCS 460-1065795/3	Lab Control Sample	Total/NA	Solid	8260D	
LCSD 460-1065795/4	Lab Control Sample Dup	Total/NA	Solid	8260D	

Analysis Batch: 1065796

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
460-335975-43	59D3_8-9	Total/NA	Solid	8260D	1065350
460-335975-44	59D2_11-12	Total/NA	Solid	8260D	1065350
460-335975-45	59E1_1-2	Total/NA	Solid	8260D	1065359
460-335975-46	59E2_2-3	Total/NA	Solid	8260D	1065359
460-335975-47	59E3_4-5	Total/NA	Solid	8260D	1065359
460-335975-50	59E3_9-10	Total/NA	Solid	8260D	1065359

GC/MS VOA (Continued)

Analysis Batch: 1065796 (Continued)

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
460-335975-51	59E1_11-12	Total/NA	Solid	8260D	1065359
460-335975-52	59F1_1-2	Total/NA	Solid	8260D	1065359
460-335975-53	59F2_3-4	Total/NA	Solid	8260D	1065359
460-335975-54	59F3_4-5	Total/NA	Solid	8260D	1065359
460-335975-55	59F1_5-6	Total/NA	Solid	8260D	1065359
460-335975-56	59F2_7-8	Total/NA	Solid	8260D	1065359
460-335975-57	59F3_9-10	Total/NA	Solid	8260D	1065359
460-335975-58	59F1_11-12	Total/NA	Solid	8260D	1065359
460-335975-59	57A1_1-2	Total/NA	Solid	8260D	1065359
460-335975-60	57A2_2-3	Total/NA	Solid	8260D	1065359
460-335975-61	57A3_3-4	Total/NA	Solid	8260D	1065359
460-335975-62	57A1_4-5	Total/NA	Solid	8260D	1065359
MB 460-1065796/7	Method Blank	Total/NA	Solid	8260D	
LCS 460-1065796/3	Lab Control Sample	Total/NA	Solid	8260D	
LCSD 460-1065796/4	Lab Control Sample Dup	Total/NA	Solid	8260D	

Analysis Batch: 1065959

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
460-335975-63	57A2_6-7	Total/NA	Solid	8260D	1065359
460-335975-64	57A3_5-6	Total/NA	Solid	8260D	1065359
460-335975-65	57A3_7-8	Total/NA	Solid	8260D	1065359
MB 460-1065959/6	Method Blank	Total/NA	Solid	8260D	
LCS 460-1065959/3	Lab Control Sample	Total/NA	Solid	8260D	
LCSD 460-1065959/4	Lab Control Sample Dup	Total/NA	Solid	8260D	

Analysis Batch: 1065968

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
460-335975-66	57B1_1-2	Total/NA	Solid	8260D	1065359
460-335975-67	57B2_2-3	Total/NA	Solid	8260D	1065359
MB 460-1065968/7	Method Blank	Total/NA	Solid	8260D	
LCS 460-1065968/2	Lab Control Sample	Total/NA	Solid	8260D	
LCSD 460-1065968/4	Lab Control Sample Dup	Total/NA	Solid	8260D	

Analysis Batch: 1066001

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
460-335975-68	57B3_3-4	Total/NA	Solid	8260D	1065359
460-335975-69	57B1_4-5	Total/NA	Solid	8260D	1065359
460-335975-70	57B2_5-6	Total/NA	Solid	8260D	1065359
460-335975-71	57B3_6-7	Total/NA	Solid	8260D	1065359
460-335975-72	57B1_7-8	Total/NA	Solid	8260D	1065359
MB 460-1066001/6	Method Blank	Total/NA	Solid	8260D	
LCS 460-1066001/2	Lab Control Sample	Total/NA	Solid	8260D	
LCSD 460-1066001/3	Lab Control Sample Dup	Total/NA	Solid	8260D	

Analysis Batch: 1066059

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
460-335975-20	59A1_4-5	Total/NA	Solid	8260D	1065350
460-335975-21	59A2_6-7	Total/NA	Solid	8260D	1065350
460-335975-35	59C2_6-7	Total/NA	Solid	8260D	1065350
460-335975-39	59D2_2-3	Total/NA	Solid	8260D	1065350
460-335975-48	59E1_6-7	Total/NA	Solid	8260D	1065359

GC/MS VOA (Continued)

Analysis Batch: 1066059 (Continued)

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
460-335975-49	59E2_8-9	Total/NA	Solid	8260D	1065359
MB 460-1066059/7	Method Blank	Total/NA	Solid	8260D	
LCS 460-1066059/3	Lab Control Sample	Total/NA	Solid	8260D	
LCSD 460-1066059/4	Lab Control Sample Dup	Total/NA	Solid	8260D	

GC/MS Semi VOA

Prep Batch: 1064934

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
460-335975-1	59A_0-6	Total/NA	Solid	3546	
460-335975-2	59A_6-12	Total/NA	Solid	3546	
460-335975-3	59B_0-6	Total/NA	Solid	3546	
460-335975-4	59B_6-12	Total/NA	Solid	3546	
460-335975-5	59C_0-6	Total/NA	Solid	3546	
460-335975-6	59C_6-12	Total/NA	Solid	3546	
460-335975-7	59D_0-6	Total/NA	Solid	3546	
460-335975-8	59D_6-12	Total/NA	Solid	3546	
460-335975-9	59E_0-6	Total/NA	Solid	3546	
460-335975-10	59E_6-12	Total/NA	Solid	3546	
460-335975-11	59F_0-6	Total/NA	Solid	3546	
460-335975-12	59F_6-12	Total/NA	Solid	3546	
460-335975-13	57A_0-4	Total/NA	Solid	3546	
460-335975-14	57A_4-8	Total/NA	Solid	3546	
460-335975-15	57B_0-4	Total/NA	Solid	3546	
460-335975-16	57B_4-8	Total/NA	Solid	3546	
MB 460-1064934/1-A	Method Blank	Total/NA	Solid	3546	
LCS 460-1064934/2-A	Lab Control Sample	Total/NA	Solid	3546	
LCSD 460-1064934/3-A	Lab Control Sample Dup	Total/NA	Solid	3546	
460-335975-1 MS	59A_0-6	Total/NA	Solid	3546	
460-335975-1 MSD	59A_0-6	Total/NA	Solid	3546	

Analysis Batch: 1064969

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
460-335975-1	59A_0-6	Total/NA	Solid	8270E	1064934
460-335975-2	59A_6-12	Total/NA	Solid	8270E	1064934
460-335975-3	59B_0-6	Total/NA	Solid	8270E	1064934
460-335975-4	59B_6-12	Total/NA	Solid	8270E	1064934
460-335975-5	59C_0-6	Total/NA	Solid	8270E	1064934
460-335975-6	59C_6-12	Total/NA	Solid	8270E	1064934
460-335975-7	59D_0-6	Total/NA	Solid	8270E	1064934
460-335975-8	59D_6-12	Total/NA	Solid	8270E	1064934
460-335975-9	59E_0-6	Total/NA	Solid	8270E	1064934
460-335975-10	59E_6-12	Total/NA	Solid	8270E	1064934
460-335975-11	59F_0-6	Total/NA	Solid	8270E	1064934
460-335975-12	59F_6-12	Total/NA	Solid	8270E	1064934
460-335975-13	57A_0-4	Total/NA	Solid	8270E	1064934
460-335975-14	57A_4-8	Total/NA	Solid	8270E	1064934
460-335975-15	57B_0-4	Total/NA	Solid	8270E	1064934
460-335975-16	57B_4-8	Total/NA	Solid	8270E	1064934
MB 460-1064934/1-A	Method Blank	Total/NA	Solid	8270E	1064934
LCS 460-1064934/2-A	Lab Control Sample	Total/NA	Solid	8270E	1064934

GC/MS Semi VOA (Continued)

Analysis Batch: 1064969 (Continued)

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
LCSD 460-1064934/3-A	Lab Control Sample Dup	Total/NA	Solid	8270E	1064934
460-335975-1 MS	59A_0-6	Total/NA	Solid	8270E	1064934
460-335975-1 MSD	59A_0-6	Total/NA	Solid	8270E	1064934

GC Semi VOA

Prep Batch: 1064863

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
460-335975-1	59A_0-6	Total/NA	Solid	3546	
460-335975-2	59A_6-12	Total/NA	Solid	3546	
460-335975-3	59B_0-6	Total/NA	Solid	3546	
460-335975-4	59B_6-12	Total/NA	Solid	3546	
460-335975-5	59C_0-6	Total/NA	Solid	3546	
460-335975-6	59C_6-12	Total/NA	Solid	3546	
460-335975-7	59D_0-6	Total/NA	Solid	3546	
460-335975-8	59D_6-12	Total/NA	Solid	3546	
460-335975-9	59E_0-6	Total/NA	Solid	3546	
460-335975-10	59E_6-12	Total/NA	Solid	3546	
460-335975-11	59F_0-6	Total/NA	Solid	3546	
460-335975-12	59F_6-12	Total/NA	Solid	3546	
460-335975-13	57A_0-4	Total/NA	Solid	3546	
460-335975-14	57A_4-8	Total/NA	Solid	3546	
460-335975-15	57B_0-4	Total/NA	Solid	3546	
460-335975-16	57B_4-8	Total/NA	Solid	3546	
MB 460-1064863/1-A	Method Blank	Total/NA	Solid	3546	
LCS 460-1064863/2-A	Lab Control Sample	Total/NA	Solid	3546	
LCS 460-1064863/3-A	Lab Control Sample	Total/NA	Solid	3546	
460-335982-A-8-A MS	Matrix Spike	Total/NA	Solid	3546	
460-335982-A-8-B MSD	Matrix Spike Duplicate	Total/NA	Solid	3546	

Prep Batch: 1064868

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
460-335975-1	59A_0-6	Total/NA	Solid	3546	
460-335975-2	59A_6-12	Total/NA	Solid	3546	
460-335975-3	59B_0-6	Total/NA	Solid	3546	
460-335975-4	59B_6-12	Total/NA	Solid	3546	
460-335975-5	59C_0-6	Total/NA	Solid	3546	
460-335975-6	59C_6-12	Total/NA	Solid	3546	
460-335975-7	59D_0-6	Total/NA	Solid	3546	
460-335975-8	59D_6-12	Total/NA	Solid	3546	
460-335975-9	59E_0-6	Total/NA	Solid	3546	
460-335975-10	59E_6-12	Total/NA	Solid	3546	
460-335975-11	59F_0-6	Total/NA	Solid	3546	
460-335975-12	59F_6-12	Total/NA	Solid	3546	
460-335975-13	57A_0-4	Total/NA	Solid	3546	
460-335975-14	57A_4-8	Total/NA	Solid	3546	
460-335975-15	57B_0-4	Total/NA	Solid	3546	
460-335975-16	57B_4-8	Total/NA	Solid	3546	
MB 460-1064868/1-A	Method Blank	Total/NA	Solid	3546	
LCS 460-1064868/2-A	Lab Control Sample	Total/NA	Solid	3546	
LCS 460-1064868/3-A	Lab Control Sample	Total/NA	Solid	3546	

GC Semi VOA (Continued)

Prep Batch: 1064868 (Continued)

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
460-335982-A-8-D MS	Matrix Spike	Total/NA	Solid	3546	
460-335982-A-8-E MSD	Matrix Spike Duplicate	Total/NA	Solid	3546	

Analysis Batch: 1064947

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
460-335975-1	59A_0-6	Total/NA	Solid	8081B	1064868
460-335975-2	59A_6-12	Total/NA	Solid	8081B	1064868
460-335975-3	59B_0-6	Total/NA	Solid	8081B	1064868
460-335975-4	59B_6-12	Total/NA	Solid	8081B	1064868
460-335975-5	59C_0-6	Total/NA	Solid	8081B	1064868
460-335975-6	59C_6-12	Total/NA	Solid	8081B	1064868
460-335975-7	59D_0-6	Total/NA	Solid	8081B	1064868
MB 460-1064868/1-A	Method Blank	Total/NA	Solid	8081B	1064868
LCS 460-1064868/2-A	Lab Control Sample	Total/NA	Solid	8081B	1064868
LCS 460-1064868/3-A	Lab Control Sample	Total/NA	Solid	8081B	1064868
460-335982-A-8-D MS	Matrix Spike	Total/NA	Solid	8081B	1064868
460-335982-A-8-E MSD	Matrix Spike Duplicate	Total/NA	Solid	8081B	1064868

Analysis Batch: 1064964

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
460-335975-8	59D_6-12	Total/NA	Solid	8081B	1064868
460-335975-9	59E_0-6	Total/NA	Solid	8081B	1064868
460-335975-10	59E_6-12	Total/NA	Solid	8081B	1064868
460-335975-11	59F_0-6	Total/NA	Solid	8081B	1064868
460-335975-12	59F_6-12	Total/NA	Solid	8081B	1064868
460-335975-13	57A_0-4	Total/NA	Solid	8081B	1064868
460-335975-14	57A_4-8	Total/NA	Solid	8081B	1064868
460-335975-15	57B_0-4	Total/NA	Solid	8081B	1064868
460-335975-16	57B_4-8	Total/NA	Solid	8081B	1064868

Analysis Batch: 1064996

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
460-335975-1	59A_0-6	Total/NA	Solid	8082A	1064863
460-335975-2	59A_6-12	Total/NA	Solid	8082A	1064863
460-335975-3	59B_0-6	Total/NA	Solid	8082A	1064863
460-335975-4	59B_6-12	Total/NA	Solid	8082A	1064863
460-335975-5	59C_0-6	Total/NA	Solid	8082A	1064863
460-335975-6	59C_6-12	Total/NA	Solid	8082A	1064863
460-335975-7	59D_0-6	Total/NA	Solid	8082A	1064863
460-335975-8	59D_6-12	Total/NA	Solid	8082A	1064863
460-335975-9	59E_0-6	Total/NA	Solid	8082A	1064863
460-335975-10	59E_6-12	Total/NA	Solid	8082A	1064863
460-335975-11	59F_0-6	Total/NA	Solid	8082A	1064863
460-335975-12	59F_6-12	Total/NA	Solid	8082A	1064863
460-335975-13	57A_0-4	Total/NA	Solid	8082A	1064863
460-335975-14	57A_4-8	Total/NA	Solid	8082A	1064863
460-335975-15	57B_0-4	Total/NA	Solid	8082A	1064863
460-335975-16	57B_4-8	Total/NA	Solid	8082A	1064863

GC Semi VOA

Analysis Batch: 1065010

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
MB 460-1064863/1-A	Method Blank	Total/NA	Solid	8082A	1064863
LCS 460-1064863/2-A	Lab Control Sample	Total/NA	Solid	8082A	1064863
LCS 460-1064863/3-A	Lab Control Sample	Total/NA	Solid	8082A	1064863
460-335982-A-8-A MS	Matrix Spike	Total/NA	Solid	8082A	1064863
460-335982-A-8-B MSD	Matrix Spike Duplicate	Total/NA	Solid	8082A	1064863

LCMS

Prep Batch: 708890

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
460-335975-5	59C_0-6	Total/NA	Solid	1633A Shake	
460-335975-6	59C_6-12	Total/NA	Solid	1633A Shake	
460-335975-7	59D_0-6	Total/NA	Solid	1633A Shake	
460-335975-8	59D_6-12	Total/NA	Solid	1633A Shake	
460-335975-9	59E_0-6	Total/NA	Solid	1633A Shake	
460-335975-10	59E_6-12	Total/NA	Solid	1633A Shake	
460-335975-11	59F_0-6	Total/NA	Solid	1633A Shake	
460-335975-12	59F_6-12	Total/NA	Solid	1633A Shake	
460-335975-13	57A_0-4	Total/NA	Solid	1633A Shake	
460-335975-14	57A_4-8	Total/NA	Solid	1633A Shake	
460-335975-15	57B_0-4	Total/NA	Solid	1633A Shake	
460-335975-16	57B_4-8	Total/NA	Solid	1633A Shake	
MB 410-708890/1-A	Method Blank	Total/NA	Solid	1633A Shake	
LCS 410-708890/2-A	Lab Control Sample	Total/NA	Solid	1633A Shake	
LCSD 410-708890/3-A	Lab Control Sample Dup	Total/NA	Solid	1633A Shake	
LLCS 410-708890/4-A	Lab Control Sample	Total/NA	Solid	1633A Shake	

Analysis Batch: 708901

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
460-335975-6	59C_6-12	Total/NA	Solid	1633A	708890
460-335975-7	59D_0-6	Total/NA	Solid	1633A	708890
460-335975-8	59D_6-12	Total/NA	Solid	1633A	708890
460-335975-9	59E_0-6	Total/NA	Solid	1633A	708890
460-335975-10	59E_6-12	Total/NA	Solid	1633A	708890
460-335975-11	59F_0-6	Total/NA	Solid	1633A	708890
460-335975-13	57A_0-4	Total/NA	Solid	1633A	708890
460-335975-14	57A_4-8	Total/NA	Solid	1633A	708890
460-335975-15	57B_0-4	Total/NA	Solid	1633A	708890
460-335975-16	57B_4-8	Total/NA	Solid	1633A	708890
MB 410-708890/1-A	Method Blank	Total/NA	Solid	1633A	708890
LCS 410-708890/2-A	Lab Control Sample	Total/NA	Solid	1633A	708890
LCSD 410-708890/3-A	Lab Control Sample Dup	Total/NA	Solid	1633A	708890
LLCS 410-708890/4-A	Lab Control Sample	Total/NA	Solid	1633A	708890

Analysis Batch: 709422

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
460-335975-5	59C_0-6	Total/NA	Solid	1633A	708890
460-335975-12	59F_6-12	Total/NA	Solid	1633A	708890

LCMS

Prep Batch: 710123

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
460-335975-1	59A_0-6	Total/NA	Solid	1633A Shake	
460-335975-2	59A_6-12	Total/NA	Solid	1633A Shake	
460-335975-3	59B_0-6	Total/NA	Solid	1633A Shake	
460-335975-4	59B_6-12	Total/NA	Solid	1633A Shake	
MB 410-710123/1-A	Method Blank	Total/NA	Solid	1633A Shake	
LCS 410-710123/2-A	Lab Control Sample	Total/NA	Solid	1633A Shake	
LLCS 410-710123/3-A	Lab Control Sample	Total/NA	Solid	1633A Shake	

Analysis Batch: 710546

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
460-335975-1	59A_0-6	Total/NA	Solid	1633A	710123
460-335975-2	59A_6-12	Total/NA	Solid	1633A	710123
460-335975-3	59B_0-6	Total/NA	Solid	1633A	710123
460-335975-4	59B_6-12	Total/NA	Solid	1633A	710123
MB 410-710123/1-A	Method Blank	Total/NA	Solid	1633A	710123
LCS 410-710123/2-A	Lab Control Sample	Total/NA	Solid	1633A	710123
LLCS 410-710123/3-A	Lab Control Sample	Total/NA	Solid	1633A	710123

Metals

Prep Batch: 1065782

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
460-335975-1	59A_0-6	Total/NA	Solid	3050B	
460-335975-2	59A_6-12	Total/NA	Solid	3050B	
460-335975-3	59B_0-6	Total/NA	Solid	3050B	
460-335975-4	59B_6-12	Total/NA	Solid	3050B	
460-335975-5	59C_0-6	Total/NA	Solid	3050B	
460-335975-6	59C_6-12	Total/NA	Solid	3050B	
460-335975-7	59D_0-6	Total/NA	Solid	3050B	
460-335975-8	59D_6-12	Total/NA	Solid	3050B	
460-335975-9	59E_0-6	Total/NA	Solid	3050B	
460-335975-10	59E_6-12	Total/NA	Solid	3050B	
460-335975-11	59F_0-6	Total/NA	Solid	3050B	
460-335975-12	59F_6-12	Total/NA	Solid	3050B	
460-335975-13	57A_0-4	Total/NA	Solid	3050B	
MB 460-1065782/1-A	Method Blank	Total/NA	Solid	3050B	
LCSSRM 460-1065782/2-A	Lab Control Sample	Total/NA	Solid	3050B	
460-335919-A-3-A MS	Matrix Spike	Total/NA	Solid	3050B	
460-335919-A-3-B MSD	Matrix Spike Duplicate	Total/NA	Solid	3050B	
460-335919-B-3-B DU	Duplicate	Total/NA	Solid	3050B	

Prep Batch: 1065783

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
460-335975-14	57A_4-8	Total/NA	Solid	3050B	
460-335975-15	57B_0-4	Total/NA	Solid	3050B	
460-335975-16	57B_4-8	Total/NA	Solid	3050B	
MB 460-1065783/1-A	Method Blank	Total/NA	Solid	3050B	
LCSSRM 460-1065783/2-A	Lab Control Sample	Total/NA	Solid	3050B	
460-335975-14 MS	57A_4-8	Total/NA	Solid	3050B	
460-335975-14 DU	57A_4-8	Total/NA	Solid	3050B	

Metals

Analysis Batch: 1066015

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
460-335975-14	57A_4-8	Total/NA	Solid	6020B	1065783
460-335975-15	57B_0-4	Total/NA	Solid	6020B	1065783
460-335975-16	57B_4-8	Total/NA	Solid	6020B	1065783
MB 460-1065783/1-A	Method Blank	Total/NA	Solid	6020B	1065783
LCSSRM 460-1065783/2-A	Lab Control Sample	Total/NA	Solid	6020B	1065783
460-335975-14 MS	57A_4-8	Total/NA	Solid	6020B	1065783
460-335975-14 DU	57A_4-8	Total/NA	Solid	6020B	1065783

Analysis Batch: 1066101

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
460-335975-1	59A_0-6	Total/NA	Solid	6020B	1065782
460-335975-2	59A_6-12	Total/NA	Solid	6020B	1065782
460-335975-3	59B_0-6	Total/NA	Solid	6020B	1065782
460-335975-4	59B_6-12	Total/NA	Solid	6020B	1065782
460-335975-5	59C_0-6	Total/NA	Solid	6020B	1065782
460-335975-6	59C_6-12	Total/NA	Solid	6020B	1065782
460-335975-7	59D_0-6	Total/NA	Solid	6020B	1065782
460-335975-8	59D_6-12	Total/NA	Solid	6020B	1065782
460-335975-9	59E_0-6	Total/NA	Solid	6020B	1065782
460-335975-10	59E_6-12	Total/NA	Solid	6020B	1065782
460-335975-11	59F_0-6	Total/NA	Solid	6020B	1065782
460-335975-12	59F_6-12	Total/NA	Solid	6020B	1065782
460-335975-13	57A_0-4	Total/NA	Solid	6020B	1065782
MB 460-1065782/1-A	Method Blank	Total/NA	Solid	6020B	1065782
LCSSRM 460-1065782/2-A	Lab Control Sample	Total/NA	Solid	6020B	1065782
460-335919-A-3-A MS	Matrix Spike	Total/NA	Solid	6020B	1065782
460-335919-A-3-B MSD	Matrix Spike Duplicate	Total/NA	Solid	6020B	1065782
460-335919-B-3-B DU	Duplicate	Total/NA	Solid	6020B	1065782

Prep Batch: 1066119

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
460-335975-1	59A_0-6	Total/NA	Solid	7471B	
460-335975-2	59A_6-12	Total/NA	Solid	7471B	
460-335975-3	59B_0-6	Total/NA	Solid	7471B	
460-335975-4	59B_6-12	Total/NA	Solid	7471B	
460-335975-5	59C_0-6	Total/NA	Solid	7471B	
460-335975-6	59C_6-12	Total/NA	Solid	7471B	
460-335975-7	59D_0-6	Total/NA	Solid	7471B	
460-335975-8	59D_6-12	Total/NA	Solid	7471B	
MB 460-1066119/10-A	Method Blank	Total/NA	Solid	7471B	
LCSSRM 460-1066119/11-A	Lab Control Sample	Total/NA	Solid	7471B	
460-335381-C-22-H MS	Matrix Spike	Total/NA	Solid	7471B	
460-335381-C-22-I MSD	Matrix Spike Duplicate	Total/NA	Solid	7471B	
460-335381-D-22-K DU	Duplicate	Total/NA	Solid	7471B	

Prep Batch: 1066120

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
460-335975-9	59E_0-6	Total/NA	Solid	7471B	
460-335975-10	59E_6-12	Total/NA	Solid	7471B	
460-335975-11	59F_0-6	Total/NA	Solid	7471B	
460-335975-12	59F_6-12	Total/NA	Solid	7471B	

Metals (Continued)

Prep Batch: 1066120 (Continued)

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
460-335975-13	57A_0-4	Total/NA	Solid	7471B	
460-335975-14	57A_4-8	Total/NA	Solid	7471B	
460-335975-15	57B_0-4	Total/NA	Solid	7471B	
460-335975-16	57B_4-8	Total/NA	Solid	7471B	
MB 460-1066120/1-A	Method Blank	Total/NA	Solid	7471B	
LCSSRM 460-1066120/2-A	Lab Control Sample	Total/NA	Solid	7471B	
460-335975-10 MS	59E_6-12	Total/NA	Solid	7471B	
460-335975-10 DU	59E_6-12	Total/NA	Solid	7471B	

Analysis Batch: 1066287

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
460-335975-1	59A_0-6	Total/NA	Solid	7471B	1066119
460-335975-2	59A_6-12	Total/NA	Solid	7471B	1066119
460-335975-3	59B_0-6	Total/NA	Solid	7471B	1066119
460-335975-4	59B_6-12	Total/NA	Solid	7471B	1066119
460-335975-5	59C_0-6	Total/NA	Solid	7471B	1066119
460-335975-6	59C_6-12	Total/NA	Solid	7471B	1066119
460-335975-7	59D_0-6	Total/NA	Solid	7471B	1066119
460-335975-8	59D_6-12	Total/NA	Solid	7471B	1066119
460-335975-9	59E_0-6	Total/NA	Solid	7471B	1066120
460-335975-10	59E_6-12	Total/NA	Solid	7471B	1066120
460-335975-11	59F_0-6	Total/NA	Solid	7471B	1066120
460-335975-12	59F_6-12	Total/NA	Solid	7471B	1066120
460-335975-13	57A_0-4	Total/NA	Solid	7471B	1066120
460-335975-14	57A_4-8	Total/NA	Solid	7471B	1066120
460-335975-15	57B_0-4	Total/NA	Solid	7471B	1066120
460-335975-16	57B_4-8	Total/NA	Solid	7471B	1066120
MB 460-1066119/10-A	Method Blank	Total/NA	Solid	7471B	1066119
MB 460-1066120/1-A	Method Blank	Total/NA	Solid	7471B	1066120
LCSSRM 460-1066119/11-A	Lab Control Sample	Total/NA	Solid	7471B	1066119
LCSSRM 460-1066120/2-A	Lab Control Sample	Total/NA	Solid	7471B	1066120
460-335381-C-22-H MS	Matrix Spike	Total/NA	Solid	7471B	1066119
460-335381-C-22-I MSD	Matrix Spike Duplicate	Total/NA	Solid	7471B	1066119
460-335975-10 MS	59E_6-12	Total/NA	Solid	7471B	1066120
460-335381-D-22-K DU	Duplicate	Total/NA	Solid	7471B	1066119
460-335975-10 DU	59E_6-12	Total/NA	Solid	7471B	1066120

General Chemistry

Analysis Batch: 1065423

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
460-335975-1	59A_0-6	Total/NA	Solid	Moisture	
460-335975-2	59A_6-12	Total/NA	Solid	Moisture	
460-335975-3	59B_0-6	Total/NA	Solid	Moisture	
460-335975-4	59B_6-12	Total/NA	Solid	Moisture	
460-335975-5	59C_0-6	Total/NA	Solid	Moisture	
460-335975-6	59C_6-12	Total/NA	Solid	Moisture	
460-335975-7	59D_0-6	Total/NA	Solid	Moisture	
460-335975-8	59D_6-12	Total/NA	Solid	Moisture	
460-335975-9	59E_0-6	Total/NA	Solid	Moisture	
460-335975-10	59E_6-12	Total/NA	Solid	Moisture	

General Chemistry (Continued)

Analysis Batch: 1065423 (Continued)

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
460-335975-11	59F_0-6	Total/NA	Solid	Moisture	
460-335975-12	59F_6-12	Total/NA	Solid	Moisture	
460-335975-13	57A_0-4	Total/NA	Solid	Moisture	
460-335975-14	57A_4-8	Total/NA	Solid	Moisture	
460-335975-15	57B_0-4	Total/NA	Solid	Moisture	
460-335975-16	57B_4-8	Total/NA	Solid	Moisture	
460-335975-11 DU	59F_0-6	Total/NA	Solid	Moisture	

Analysis Batch: 1065425

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
460-335975-17	59A1_0-1	Total/NA	Solid	Moisture	
460-335975-18	59A2_2-3	Total/NA	Solid	Moisture	
460-335975-19	59A3_3-4	Total/NA	Solid	Moisture	
460-335975-20	59A1_4-5	Total/NA	Solid	Moisture	
460-335975-21	59A2_6-7	Total/NA	Solid	Moisture	
460-335975-22	59A3_8-9	Total/NA	Solid	Moisture	
460-335975-23	59A3_11-12	Total/NA	Solid	Moisture	
460-335975-24	59B1_1-2	Total/NA	Solid	Moisture	
460-335975-25	59B2_2-3	Total/NA	Solid	Moisture	
460-335975-26	59B3_4-5	Total/NA	Solid	Moisture	
460-335975-27	59B1_5-6	Total/NA	Solid	Moisture	
460-335975-28	59B2_7.8	Total/NA	Solid	Moisture	
460-335975-29	59B3_8-9	Total/NA	Solid	Moisture	
460-335975-30	59B2_9-10	Total/NA	Solid	Moisture	
460-335975-31	59C1_1-2	Total/NA	Solid	Moisture	
460-335975-32	59C2_3-4	Total/NA	Solid	Moisture	
460-335975-33	59C3_4-5	Total/NA	Solid	Moisture	
460-335975-34	59C1_5-6	Total/NA	Solid	Moisture	
460-335975-35	59C2_6-7	Total/NA	Solid	Moisture	
460-335975-36	59C3_8-9	Total/NA	Solid	Moisture	
460-335975-37	59C1_9-10	Total/NA	Solid	Moisture	
460-335975-38	59D1_1-2	Total/NA	Solid	Moisture	
460-335975-39	59D2_2-3	Total/NA	Solid	Moisture	
460-335975-40	59D3_3-4	Total/NA	Solid	Moisture	
460-335975-41	59D1_6-7	Total/NA	Solid	Moisture	
460-335975-42	59D2_7-8	Total/NA	Solid	Moisture	
460-335975-43	59D3_8-9	Total/NA	Solid	Moisture	
460-335975-44	59D2_11-12	Total/NA	Solid	Moisture	
460-335975-45	59E1_1-2	Total/NA	Solid	Moisture	
460-335975-46	59E2_2-3	Total/NA	Solid	Moisture	
460-335975-47	59E3_4-5	Total/NA	Solid	Moisture	
460-335975-48	59E1_6-7	Total/NA	Solid	Moisture	
460-335975-49	59E2_8-9	Total/NA	Solid	Moisture	
460-335975-50	59E3_9-10	Total/NA	Solid	Moisture	
460-335975-51	59E1_11-12	Total/NA	Solid	Moisture	
460-335975-52	59F1_1-2	Total/NA	Solid	Moisture	
460-335975-33 DU	59C3_4-5	Total/NA	Solid	Moisture	

Analysis Batch: 1065426

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
460-335975-53	59F2_3-4	Total/NA	Solid	Moisture	

General Chemistry (Continued)

Analysis Batch: 1065426 (Continued)

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
460-335975-54	59F3_4-5	Total/NA	Solid	Moisture	
460-335975-55	59F1_5-6	Total/NA	Solid	Moisture	
460-335975-56	59F2_7-8	Total/NA	Solid	Moisture	
460-335975-57	59F3_9-10	Total/NA	Solid	Moisture	
460-335975-58	59F1_11-12	Total/NA	Solid	Moisture	
460-335975-59	57A1_1-2	Total/NA	Solid	Moisture	
460-335975-60	57A2_2-3	Total/NA	Solid	Moisture	
460-335975-61	57A3_3-4	Total/NA	Solid	Moisture	
460-335975-62	57A1_4-5	Total/NA	Solid	Moisture	
460-335975-63	57A2_6-7	Total/NA	Solid	Moisture	
460-335975-64	57A3_5-6	Total/NA	Solid	Moisture	
460-335975-65	57A3_7-8	Total/NA	Solid	Moisture	
460-335975-66	57B1_1-2	Total/NA	Solid	Moisture	
460-335975-67	57B2_2-3	Total/NA	Solid	Moisture	
460-335975-68	57B3_3-4	Total/NA	Solid	Moisture	
460-335975-69	57B1_4-5	Total/NA	Solid	Moisture	
460-335975-70	57B2_5-6	Total/NA	Solid	Moisture	
460-335975-71	57B3_6-7	Total/NA	Solid	Moisture	
460-335975-72	57B1_7-8	Total/NA	Solid	Moisture	
460-335975-53 DU	59F2_3-4	Total/NA	Solid	Moisture	

Lab Chronicle

Client: Haley & Aldrich, Inc.
Project/Site: Former Port Mobil

Job ID: 460-335975-1

Client Sample ID: 59A_0-6
Date Collected: 09/29/25 11:30
Date Received: 09/29/25 15:30

Lab Sample ID: 460-335975-1
Matrix: Solid

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Analysis	Moisture		1	1065423	CJC	EET EDI	10/02/25 17:22

Client Sample ID: 59A_0-6
Date Collected: 09/29/25 11:30
Date Received: 09/29/25 15:30

Lab Sample ID: 460-335975-1
Matrix: Solid
Percent Solids: 94.3

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Prep	3546			1064934	GXY	EET EDI	09/30/25 22:25
Total/NA	Analysis	8270E		1	1064969	DXD	EET EDI	10/01/25 07:40
Total/NA	Prep	3546			1064868	ARA	EET EDI	09/30/25 16:49
Total/NA	Analysis	8081B		1	1064947	FAM	EET EDI	10/01/25 08:47
Total/NA	Prep	3546			1064863	ARA	EET EDI	09/30/25 16:45
Total/NA	Analysis	8082A		1	1064996	AAA	EET EDI	10/01/25 12:17
Total/NA	Prep	1633A Shake			710123	AM9P	ELLE	10/07/25 09:25
Total/NA	Analysis	1633A		1	710546	QY4X	ELLE	10/08/25 04:59
Total/NA	Prep	3050B			1065782	GAE	EET EDI	10/03/25 19:40
Total/NA	Analysis	6020B		1	1066101	CDC	EET EDI	10/05/25 13:45
Total/NA	Prep	7471B			1066119	TJS	EET EDI	10/06/25 01:04
Total/NA	Analysis	7471B		1	1066287	TJS	EET EDI	10/06/25 11:12

Client Sample ID: 59A_6-12
Date Collected: 09/29/25 11:35
Date Received: 09/29/25 15:30

Lab Sample ID: 460-335975-2
Matrix: Solid

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Analysis	Moisture		1	1065423	CJC	EET EDI	10/02/25 17:22

Client Sample ID: 59A_6-12
Date Collected: 09/29/25 11:35
Date Received: 09/29/25 15:30

Lab Sample ID: 460-335975-2
Matrix: Solid
Percent Solids: 90.2

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Prep	3546			1064934	GXY	EET EDI	09/30/25 22:25
Total/NA	Analysis	8270E		1	1064969	DXD	EET EDI	10/01/25 08:48
Total/NA	Prep	3546			1064868	ARA	EET EDI	09/30/25 16:49
Total/NA	Analysis	8081B		1	1064947	FAM	EET EDI	10/01/25 08:59
Total/NA	Prep	3546			1064863	ARA	EET EDI	09/30/25 16:45
Total/NA	Analysis	8082A		1	1064996	AAA	EET EDI	10/01/25 12:34
Total/NA	Prep	1633A Shake			710123	AM9P	ELLE	10/07/25 09:25
Total/NA	Analysis	1633A		1	710546	QY4X	ELLE	10/08/25 05:13
Total/NA	Prep	3050B			1065782	GAE	EET EDI	10/03/25 19:40
Total/NA	Analysis	6020B		1	1066101	CDC	EET EDI	10/05/25 13:48
Total/NA	Prep	7471B			1066119	TJS	EET EDI	10/06/25 01:04
Total/NA	Analysis	7471B		1	1066287	TJS	EET EDI	10/06/25 11:15

Lab Chronicle

Client: Haley & Aldrich, Inc.
Project/Site: Former Port Mobil

Job ID: 460-335975-1

Client Sample ID: 59B_0-6
Date Collected: 09/29/25 11:40
Date Received: 09/29/25 15:30

Lab Sample ID: 460-335975-3
Matrix: Solid

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Analysis	Moisture		1	1065423	CJC	EET EDI	10/02/25 17:22

Client Sample ID: 59B_0-6
Date Collected: 09/29/25 11:40
Date Received: 09/29/25 15:30

Lab Sample ID: 460-335975-3
Matrix: Solid
Percent Solids: 90.2

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Prep	3546			1064934	GXY	EET EDI	09/30/25 22:25
Total/NA	Analysis	8270E		1	1064969	DXD	EET EDI	10/01/25 09:11
Total/NA	Prep	3546			1064868	ARA	EET EDI	09/30/25 16:49
Total/NA	Analysis	8081B		1	1064947	FAM	EET EDI	10/01/25 09:12
Total/NA	Prep	3546			1064863	ARA	EET EDI	09/30/25 16:45
Total/NA	Analysis	8082A		1	1064996	AAA	EET EDI	10/01/25 12:51
Total/NA	Prep	1633A Shake			710123	AM9P	ELLE	10/07/25 09:25
Total/NA	Analysis	1633A		1	710546	QY4X	ELLE	10/08/25 05:26
Total/NA	Prep	3050B			1065782	GAE	EET EDI	10/03/25 19:40
Total/NA	Analysis	6020B		1	1066101	CDC	EET EDI	10/05/25 13:51
Total/NA	Prep	7471B			1066119	TJS	EET EDI	10/06/25 01:04
Total/NA	Analysis	7471B		1	1066287	TJS	EET EDI	10/06/25 11:23

Client Sample ID: 59B_6-12
Date Collected: 09/29/25 11:45
Date Received: 09/29/25 15:30

Lab Sample ID: 460-335975-4
Matrix: Solid

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Analysis	Moisture		1	1065423	CJC	EET EDI	10/02/25 17:22

Client Sample ID: 59B_6-12
Date Collected: 09/29/25 11:45
Date Received: 09/29/25 15:30

Lab Sample ID: 460-335975-4
Matrix: Solid
Percent Solids: 92.5

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Prep	3546			1064934	GXY	EET EDI	09/30/25 22:25
Total/NA	Analysis	8270E		1	1064969	DXD	EET EDI	10/01/25 09:33
Total/NA	Prep	3546			1064868	ARA	EET EDI	09/30/25 16:49
Total/NA	Analysis	8081B		1	1064947	FAM	EET EDI	10/01/25 09:24
Total/NA	Prep	3546			1064863	ARA	EET EDI	09/30/25 16:45
Total/NA	Analysis	8082A		1	1064996	AAA	EET EDI	10/01/25 13:09
Total/NA	Prep	1633A Shake			710123	AM9P	ELLE	10/07/25 09:25
Total/NA	Analysis	1633A		1	710546	QY4X	ELLE	10/08/25 05:40
Total/NA	Prep	3050B			1065782	GAE	EET EDI	10/03/25 19:40
Total/NA	Analysis	6020B		1	1066101	CDC	EET EDI	10/05/25 13:53
Total/NA	Prep	7471B			1066119	TJS	EET EDI	10/06/25 01:04
Total/NA	Analysis	7471B		1	1066287	TJS	EET EDI	10/06/25 11:26

Lab Chronicle

Client: Haley & Aldrich, Inc.
Project/Site: Former Port Mobil

Job ID: 460-335975-1

Client Sample ID: 59C_0-6
Date Collected: 09/29/25 11:50
Date Received: 09/29/25 15:30

Lab Sample ID: 460-335975-5
Matrix: Solid

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Analysis	Moisture		1	1065423	CJC	EET EDI	10/02/25 17:22

Client Sample ID: 59C_0-6
Date Collected: 09/29/25 11:50
Date Received: 09/29/25 15:30

Lab Sample ID: 460-335975-5
Matrix: Solid
Percent Solids: 90.1

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Prep	3546			1064934	GXY	EET EDI	09/30/25 22:25
Total/NA	Analysis	8270E		1	1064969	DXD	EET EDI	10/01/25 09:56
Total/NA	Prep	3546			1064868	ARA	EET EDI	09/30/25 16:49
Total/NA	Analysis	8081B		1	1064947	FAM	EET EDI	10/01/25 09:36
Total/NA	Prep	3546			1064863	ARA	EET EDI	09/30/25 16:45
Total/NA	Analysis	8082A		1	1064996	AAA	EET EDI	10/01/25 13:26
Total/NA	Prep	1633A Shake			708890	D5RZ	ELLE	10/03/25 14:04
Total/NA	Analysis	1633A		1	709422	QY4X	ELLE	10/06/25 11:03
Total/NA	Prep	3050B			1065782	GAE	EET EDI	10/03/25 19:40
Total/NA	Analysis	6020B		1	1066101	CDC	EET EDI	10/05/25 13:56
Total/NA	Prep	7471B			1066119	TJS	EET EDI	10/06/25 01:04
Total/NA	Analysis	7471B		1	1066287	TJS	EET EDI	10/06/25 11:29

Client Sample ID: 59C_6-12
Date Collected: 09/29/25 11:55
Date Received: 09/29/25 15:30

Lab Sample ID: 460-335975-6
Matrix: Solid

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Analysis	Moisture		1	1065423	CJC	EET EDI	10/02/25 17:22

Client Sample ID: 59C_6-12
Date Collected: 09/29/25 11:55
Date Received: 09/29/25 15:30

Lab Sample ID: 460-335975-6
Matrix: Solid
Percent Solids: 90.3

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Prep	3546			1064934	GXY	EET EDI	09/30/25 22:25
Total/NA	Analysis	8270E		1	1064969	DXD	EET EDI	10/01/25 10:19
Total/NA	Prep	3546			1064868	ARA	EET EDI	09/30/25 16:49
Total/NA	Analysis	8081B		1	1064947	FAM	EET EDI	10/01/25 09:49
Total/NA	Prep	3546			1064863	ARA	EET EDI	09/30/25 16:45
Total/NA	Analysis	8082A		1	1064996	AAA	EET EDI	10/01/25 13:43
Total/NA	Prep	1633A Shake			708890	D5RZ	ELLE	10/03/25 14:04
Total/NA	Analysis	1633A		1	708901	XBL5	ELLE	10/04/25 10:42
Total/NA	Prep	3050B			1065782	GAE	EET EDI	10/03/25 19:40
Total/NA	Analysis	6020B		1	1066101	CDC	EET EDI	10/05/25 13:59
Total/NA	Prep	7471B			1066119	TJS	EET EDI	10/06/25 01:04
Total/NA	Analysis	7471B		1	1066287	TJS	EET EDI	10/06/25 11:32

Lab Chronicle

Client: Haley & Aldrich, Inc.
Project/Site: Former Port Mobil

Job ID: 460-335975-1

Client Sample ID: 59D_0-6
Date Collected: 09/29/25 12:00
Date Received: 09/29/25 15:30

Lab Sample ID: 460-335975-7
Matrix: Solid

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Analysis	Moisture		1	1065423	CJC	EET EDI	10/02/25 17:22

Client Sample ID: 59D_0-6
Date Collected: 09/29/25 12:00
Date Received: 09/29/25 15:30

Lab Sample ID: 460-335975-7
Matrix: Solid
Percent Solids: 89.8

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Prep	3546			1064934	GXY	EET EDI	09/30/25 22:25
Total/NA	Analysis	8270E		1	1064969	DXD	EET EDI	10/01/25 10:41
Total/NA	Prep	3546			1064868	ARA	EET EDI	09/30/25 16:49
Total/NA	Analysis	8081B		1	1064947	FAM	EET EDI	10/01/25 10:01
Total/NA	Prep	3546			1064863	ARA	EET EDI	09/30/25 16:45
Total/NA	Analysis	8082A		1	1064996	AAA	EET EDI	10/01/25 14:01
Total/NA	Prep	1633A Shake			708890	D5RZ	ELLE	10/03/25 14:04
Total/NA	Analysis	1633A		1	708901	XBL5	ELLE	10/04/25 10:56
Total/NA	Prep	3050B			1065782	GAE	EET EDI	10/03/25 19:40
Total/NA	Analysis	6020B		1	1066101	CDC	EET EDI	10/05/25 14:07
Total/NA	Prep	7471B			1066119	TJS	EET EDI	10/06/25 01:04
Total/NA	Analysis	7471B		1	1066287	TJS	EET EDI	10/06/25 11:35

Client Sample ID: 59D_6-12
Date Collected: 09/29/25 12:05
Date Received: 09/29/25 15:30

Lab Sample ID: 460-335975-8
Matrix: Solid

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Analysis	Moisture		1	1065423	CJC	EET EDI	10/02/25 17:22

Client Sample ID: 59D_6-12
Date Collected: 09/29/25 12:05
Date Received: 09/29/25 15:30

Lab Sample ID: 460-335975-8
Matrix: Solid
Percent Solids: 89.9

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Prep	3546			1064934	GXY	EET EDI	09/30/25 22:25
Total/NA	Analysis	8270E		1	1064969	DXD	EET EDI	10/01/25 11:04
Total/NA	Prep	3546			1064868	ARA	EET EDI	09/30/25 16:49
Total/NA	Analysis	8081B		1	1064964	FAM	EET EDI	10/01/25 10:09
Total/NA	Prep	3546			1064863	ARA	EET EDI	09/30/25 16:45
Total/NA	Analysis	8082A		1	1064996	AAA	EET EDI	10/01/25 14:18
Total/NA	Prep	1633A Shake			708890	D5RZ	ELLE	10/03/25 14:04
Total/NA	Analysis	1633A		1	708901	XBL5	ELLE	10/04/25 11:09
Total/NA	Prep	3050B			1065782	GAE	EET EDI	10/03/25 19:40
Total/NA	Analysis	6020B		1	1066101	CDC	EET EDI	10/05/25 14:11
Total/NA	Prep	7471B			1066119	TJS	EET EDI	10/06/25 01:04
Total/NA	Analysis	7471B		1	1066287	TJS	EET EDI	10/06/25 11:38

Lab Chronicle

Client: Haley & Aldrich, Inc.
Project/Site: Former Port Mobil

Job ID: 460-335975-1

Client Sample ID: 59E_0-6
Date Collected: 09/29/25 12:10
Date Received: 09/29/25 15:30

Lab Sample ID: 460-335975-9
Matrix: Solid

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Analysis	Moisture		1	1065423	CJC	EET EDI	10/02/25 17:22

Client Sample ID: 59E_0-6
Date Collected: 09/29/25 12:10
Date Received: 09/29/25 15:30

Lab Sample ID: 460-335975-9
Matrix: Solid
Percent Solids: 93.1

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Prep	3546			1064934	GXY	EET EDI	09/30/25 22:25
Total/NA	Analysis	8270E		1	1064969	DXD	EET EDI	10/01/25 11:26
Total/NA	Prep	3546			1064868	ARA	EET EDI	09/30/25 16:49
Total/NA	Analysis	8081B		1	1064964	FAM	EET EDI	10/01/25 09:57
Total/NA	Prep	3546			1064863	ARA	EET EDI	09/30/25 16:45
Total/NA	Analysis	8082A		1	1064996	AAA	EET EDI	10/01/25 14:35
Total/NA	Prep	1633A Shake			708890	D5RZ	ELLE	10/03/25 14:04
Total/NA	Analysis	1633A		1	708901	XBL5	ELLE	10/04/25 11:23
Total/NA	Prep	3050B			1065782	GAE	EET EDI	10/03/25 19:40
Total/NA	Analysis	6020B		1	1066101	CDC	EET EDI	10/05/25 14:14
Total/NA	Prep	7471B			1066120	TJS	EET EDI	10/06/25 01:32
Total/NA	Analysis	7471B		1	1066287	TJS	EET EDI	10/06/25 12:04

Client Sample ID: 59E_6-12
Date Collected: 09/29/25 12:15
Date Received: 09/29/25 15:30

Lab Sample ID: 460-335975-10
Matrix: Solid

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Analysis	Moisture		1	1065423	CJC	EET EDI	10/02/25 17:22

Client Sample ID: 59E_6-12
Date Collected: 09/29/25 12:15
Date Received: 09/29/25 15:30

Lab Sample ID: 460-335975-10
Matrix: Solid
Percent Solids: 89.6

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Prep	3546			1064934	GXY	EET EDI	09/30/25 22:25
Total/NA	Analysis	8270E		1	1064969	DXD	EET EDI	10/01/25 11:49
Total/NA	Prep	3546			1064868	ARA	EET EDI	09/30/25 16:49
Total/NA	Analysis	8081B		1	1064964	FAM	EET EDI	10/01/25 09:41
Total/NA	Prep	3546			1064863	ARA	EET EDI	09/30/25 16:45
Total/NA	Analysis	8082A		1	1064996	AAA	EET EDI	10/01/25 14:53
Total/NA	Prep	1633A Shake			708890	D5RZ	ELLE	10/03/25 14:04
Total/NA	Analysis	1633A		1	708901	XBL5	ELLE	10/04/25 11:37
Total/NA	Prep	3050B			1065782	GAE	EET EDI	10/03/25 19:40
Total/NA	Analysis	6020B		1	1066101	CDC	EET EDI	10/05/25 14:17
Total/NA	Prep	7471B			1066120	TJS	EET EDI	10/06/25 01:32
Total/NA	Analysis	7471B		1	1066287	TJS	EET EDI	10/06/25 11:46

Lab Chronicle

Client: Haley & Aldrich, Inc.
Project/Site: Former Port Mobil

Job ID: 460-335975-1

Client Sample ID: 59F_0-6
Date Collected: 09/29/25 12:20
Date Received: 09/29/25 15:30

Lab Sample ID: 460-335975-11
Matrix: Solid

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Analysis	Moisture		1	1065423	CJC	EET EDI	10/02/25 17:22

Client Sample ID: 59F_0-6
Date Collected: 09/29/25 12:20
Date Received: 09/29/25 15:30

Lab Sample ID: 460-335975-11
Matrix: Solid
Percent Solids: 96.7

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Prep	3546			1064934	GXY	EET EDI	09/30/25 22:25
Total/NA	Analysis	8270E		1	1064969	DXD	EET EDI	10/01/25 12:11
Total/NA	Prep	3546			1064868	ARA	EET EDI	09/30/25 16:49
Total/NA	Analysis	8081B		1	1064964	FAM	EET EDI	10/01/25 09:29
Total/NA	Prep	3546			1064863	ARA	EET EDI	09/30/25 16:45
Total/NA	Analysis	8082A		1	1064996	AAA	EET EDI	10/01/25 15:10
Total/NA	Prep	1633A Shake			708890	D5RZ	ELLE	10/03/25 14:04
Total/NA	Analysis	1633A		1	708901	XBL5	ELLE	10/04/25 11:50
Total/NA	Prep	3050B			1065782	GAE	EET EDI	10/03/25 19:40
Total/NA	Analysis	6020B		1	1066101	CDC	EET EDI	10/05/25 14:19
Total/NA	Prep	7471B			1066120	TJS	EET EDI	10/06/25 01:32
Total/NA	Analysis	7471B		1	1066287	TJS	EET EDI	10/06/25 12:06

Client Sample ID: 59F_6-12
Date Collected: 09/29/25 12:25
Date Received: 09/29/25 15:30

Lab Sample ID: 460-335975-12
Matrix: Solid

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Analysis	Moisture		1	1065423	CJC	EET EDI	10/02/25 17:22

Client Sample ID: 59F_6-12
Date Collected: 09/29/25 12:25
Date Received: 09/29/25 15:30

Lab Sample ID: 460-335975-12
Matrix: Solid
Percent Solids: 94.0

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Prep	3546			1064934	GXY	EET EDI	09/30/25 22:25
Total/NA	Analysis	8270E		1	1064969	DXD	EET EDI	10/01/25 12:34
Total/NA	Prep	3546			1064868	ARA	EET EDI	09/30/25 16:49
Total/NA	Analysis	8081B		1	1064964	FAM	EET EDI	10/01/25 09:13
Total/NA	Prep	3546			1064863	ARA	EET EDI	09/30/25 16:45
Total/NA	Analysis	8082A		1	1064996	AAA	EET EDI	10/01/25 15:27
Total/NA	Prep	1633A Shake			708890	D5RZ	ELLE	10/03/25 14:04
Total/NA	Analysis	1633A		1	709422	QY4X	ELLE	10/06/25 11:57
Total/NA	Prep	3050B			1065782	GAE	EET EDI	10/03/25 19:40
Total/NA	Analysis	6020B		1	1066101	CDC	EET EDI	10/05/25 14:22
Total/NA	Prep	7471B			1066120	TJS	EET EDI	10/06/25 01:32
Total/NA	Analysis	7471B		1	1066287	TJS	EET EDI	10/06/25 12:09

Lab Chronicle

Client: Haley & Aldrich, Inc.
Project/Site: Former Port Mobil

Job ID: 460-335975-1

Client Sample ID: 57A_0-4
Date Collected: 09/29/25 13:40
Date Received: 09/29/25 15:30

Lab Sample ID: 460-335975-13
Matrix: Solid

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Analysis	Moisture		1	1065423	CJC	EET EDI	10/02/25 17:22

Client Sample ID: 57A_0-4
Date Collected: 09/29/25 13:40
Date Received: 09/29/25 15:30

Lab Sample ID: 460-335975-13
Matrix: Solid
Percent Solids: 88.1

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Prep	3546			1064934	GXY	EET EDI	09/30/25 22:25
Total/NA	Analysis	8270E		1	1064969	DXD	EET EDI	10/01/25 12:57
Total/NA	Prep	3546			1064868	ARA	EET EDI	09/30/25 16:49
Total/NA	Analysis	8081B		1	1064964	FAM	EET EDI	10/01/25 08:57
Total/NA	Prep	3546			1064863	ARA	EET EDI	09/30/25 16:45
Total/NA	Analysis	8082A		1	1064996	AAA	EET EDI	10/01/25 15:45
Total/NA	Prep	1633A Shake			708890	D5RZ	ELLE	10/03/25 14:04
Total/NA	Analysis	1633A		1	708901	XBL5	ELLE	10/04/25 12:18
Total/NA	Prep	3050B			1065782	GAE	EET EDI	10/03/25 19:40
Total/NA	Analysis	6020B		1	1066101	CDC	EET EDI	10/05/25 14:25
Total/NA	Prep	7471B			1066120	TJS	EET EDI	10/06/25 01:32
Total/NA	Analysis	7471B		1	1066287	TJS	EET EDI	10/06/25 12:12

Client Sample ID: 57A_4-8
Date Collected: 09/29/25 13:45
Date Received: 09/29/25 15:30

Lab Sample ID: 460-335975-14
Matrix: Solid

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Analysis	Moisture		1	1065423	CJC	EET EDI	10/02/25 17:22

Client Sample ID: 57A_4-8
Date Collected: 09/29/25 13:45
Date Received: 09/29/25 15:30

Lab Sample ID: 460-335975-14
Matrix: Solid
Percent Solids: 92.3

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Prep	3546			1064934	GXY	EET EDI	09/30/25 22:25
Total/NA	Analysis	8270E		1	1064969	DXD	EET EDI	10/01/25 13:19
Total/NA	Prep	3546			1064868	ARA	EET EDI	09/30/25 16:49
Total/NA	Analysis	8081B		1	1064964	FAM	EET EDI	10/01/25 08:41
Total/NA	Prep	3546			1064863	ARA	EET EDI	09/30/25 16:45
Total/NA	Analysis	8082A		1	1064996	AAA	EET EDI	10/01/25 16:02
Total/NA	Prep	1633A Shake			708890	D5RZ	ELLE	10/03/25 14:04
Total/NA	Analysis	1633A		1	708901	XBL5	ELLE	10/04/25 12:31
Total/NA	Prep	3050B			1065783	GAE	EET EDI	10/03/25 19:40
Total/NA	Analysis	6020B		1	1066015	CDC	EET EDI	10/04/25 19:19
Total/NA	Prep	7471B			1066120	TJS	EET EDI	10/06/25 01:32
Total/NA	Analysis	7471B		1	1066287	TJS	EET EDI	10/06/25 12:15

Lab Chronicle

Client: Haley & Aldrich, Inc.
Project/Site: Former Port Mobil

Job ID: 460-335975-1

Client Sample ID: 57B_0-4
Date Collected: 09/29/25 13:50
Date Received: 09/29/25 15:30

Lab Sample ID: 460-335975-15
Matrix: Solid

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Analysis	Moisture		1	1065423	CJC	EET EDI	10/02/25 17:22

Client Sample ID: 57B_0-4
Date Collected: 09/29/25 13:50
Date Received: 09/29/25 15:30

Lab Sample ID: 460-335975-15
Matrix: Solid
Percent Solids: 85.7

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Prep	3546			1064934	GXY	EET EDI	09/30/25 22:25
Total/NA	Analysis	8270E		1	1064969	DXD	EET EDI	10/01/25 13:42
Total/NA	Prep	3546			1064868	ARA	EET EDI	09/30/25 16:49
Total/NA	Analysis	8081B		1	1064964	FAM	EET EDI	10/01/25 08:25
Total/NA	Prep	3546			1064863	ARA	EET EDI	09/30/25 16:45
Total/NA	Analysis	8082A		1	1064996	AAA	EET EDI	10/01/25 16:19
Total/NA	Prep	1633A Shake			708890	D5RZ	ELLE	10/03/25 14:04
Total/NA	Analysis	1633A		1	708901	XBL5	ELLE	10/04/25 13:12
Total/NA	Prep	3050B			1065783	GAE	EET EDI	10/03/25 19:40
Total/NA	Analysis	6020B		1	1066015	CDC	EET EDI	10/04/25 19:24
Total/NA	Prep	7471B			1066120	TJS	EET EDI	10/06/25 01:32
Total/NA	Analysis	7471B		1	1066287	TJS	EET EDI	10/06/25 12:18

Client Sample ID: 57B_4-8
Date Collected: 09/29/25 13:55
Date Received: 09/29/25 15:30

Lab Sample ID: 460-335975-16
Matrix: Solid

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Analysis	Moisture		1	1065423	CJC	EET EDI	10/02/25 17:22

Client Sample ID: 57B_4-8
Date Collected: 09/29/25 13:55
Date Received: 09/29/25 15:30

Lab Sample ID: 460-335975-16
Matrix: Solid
Percent Solids: 83.2

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Prep	3546			1064934	GXY	EET EDI	09/30/25 22:25
Total/NA	Analysis	8270E		1	1064969	DXD	EET EDI	10/01/25 14:05
Total/NA	Prep	3546			1064868	ARA	EET EDI	09/30/25 16:49
Total/NA	Analysis	8081B		1	1064964	FAM	EET EDI	10/01/25 08:09
Total/NA	Prep	3546			1064863	ARA	EET EDI	09/30/25 16:45
Total/NA	Analysis	8082A		1	1064996	AAA	EET EDI	10/01/25 16:37
Total/NA	Prep	1633A Shake			708890	D5RZ	ELLE	10/03/25 14:04
Total/NA	Analysis	1633A		1	708901	XBL5	ELLE	10/04/25 13:26
Total/NA	Prep	3050B			1065783	GAE	EET EDI	10/03/25 19:40
Total/NA	Analysis	6020B		1	1066015	CDC	EET EDI	10/04/25 19:27
Total/NA	Prep	7471B			1066120	TJS	EET EDI	10/06/25 01:32
Total/NA	Analysis	7471B		1	1066287	TJS	EET EDI	10/06/25 12:21

Lab Chronicle

Client: Haley & Aldrich, Inc.
Project/Site: Former Port Mobil

Job ID: 460-335975-1

Client Sample ID: 59A1_0-1
Date Collected: 09/29/25 08:00
Date Received: 09/29/25 15:30

Lab Sample ID: 460-335975-17
Matrix: Solid

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Analysis	Moisture		1	1065425	CJC	EET EDI	10/02/25 17:24

Client Sample ID: 59A1_0-1
Date Collected: 09/29/25 08:00
Date Received: 09/29/25 15:30

Lab Sample ID: 460-335975-17
Matrix: Solid
Percent Solids: 99.5

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Prep	5035			1065350	JCZ	EET EDI	10/02/25 10:27
Total/NA	Analysis	8260D		1	1065774	SZK	EET EDI	10/04/25 01:30

Client Sample ID: 59A2_2-3
Date Collected: 09/29/25 08:05
Date Received: 09/29/25 15:30

Lab Sample ID: 460-335975-18
Matrix: Solid

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Analysis	Moisture		1	1065425	CJC	EET EDI	10/02/25 17:24

Client Sample ID: 59A2_2-3
Date Collected: 09/29/25 08:05
Date Received: 09/29/25 15:30

Lab Sample ID: 460-335975-18
Matrix: Solid
Percent Solids: 94.4

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Prep	5035			1065350	JCZ	EET EDI	10/02/25 10:27
Total/NA	Analysis	8260D		1	1065774	SZK	EET EDI	10/04/25 01:53

Client Sample ID: 59A3_3-4
Date Collected: 09/29/25 08:10
Date Received: 09/29/25 15:30

Lab Sample ID: 460-335975-19
Matrix: Solid

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Analysis	Moisture		1	1065425	CJC	EET EDI	10/02/25 17:24

Client Sample ID: 59A3_3-4
Date Collected: 09/29/25 08:10
Date Received: 09/29/25 15:30

Lab Sample ID: 460-335975-19
Matrix: Solid
Percent Solids: 96.7

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Prep	5035			1065350	JCZ	EET EDI	10/02/25 10:27
Total/NA	Analysis	8260D		1	1065774	SZK	EET EDI	10/04/25 02:16

Client Sample ID: 59A1_4-5
Date Collected: 09/29/25 08:15
Date Received: 09/29/25 15:30

Lab Sample ID: 460-335975-20
Matrix: Solid

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Analysis	Moisture		1	1065425	CJC	EET EDI	10/02/25 17:24

Lab Chronicle

Client: Haley & Aldrich, Inc.
Project/Site: Former Port Mobil

Job ID: 460-335975-1

Client Sample ID: 59A1_4-5
Date Collected: 09/29/25 08:15
Date Received: 09/29/25 15:30

Lab Sample ID: 460-335975-20
Matrix: Solid
Percent Solids: 99.3

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Prep	5035			1065350	JCZ	EET EDI	10/02/25 10:28
Total/NA	Analysis	8260D		1	1066059	EMM	EET EDI	10/06/25 00:53

Client Sample ID: 59A2_6-7
Date Collected: 09/29/25 08:20
Date Received: 09/29/25 15:30

Lab Sample ID: 460-335975-21
Matrix: Solid

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Analysis	Moisture		1	1065425	CJC	EET EDI	10/02/25 17:24

Client Sample ID: 59A2_6-7
Date Collected: 09/29/25 08:20
Date Received: 09/29/25 15:30

Lab Sample ID: 460-335975-21
Matrix: Solid
Percent Solids: 95.7

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Prep	5035			1065350	JCZ	EET EDI	10/02/25 10:28
Total/NA	Analysis	8260D		1	1066059	EMM	EET EDI	10/06/25 01:18

Client Sample ID: 59A3_8-9
Date Collected: 09/29/25 08:25
Date Received: 09/29/25 15:30

Lab Sample ID: 460-335975-22
Matrix: Solid

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Analysis	Moisture		1	1065425	CJC	EET EDI	10/02/25 17:24

Client Sample ID: 59A3_8-9
Date Collected: 09/29/25 08:25
Date Received: 09/29/25 15:30

Lab Sample ID: 460-335975-22
Matrix: Solid
Percent Solids: 97.4

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Prep	5035			1065350	JCZ	EET EDI	10/02/25 10:28
Total/NA	Analysis	8260D		1	1065774	SZK	EET EDI	10/04/25 03:25

Client Sample ID: 59A3_11-12
Date Collected: 09/29/25 08:30
Date Received: 09/29/25 15:30

Lab Sample ID: 460-335975-23
Matrix: Solid

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Analysis	Moisture		1	1065425	CJC	EET EDI	10/02/25 17:24

Lab Chronicle

Client: Haley & Aldrich, Inc.
Project/Site: Former Port Mobil

Job ID: 460-335975-1

Client Sample ID: 59A3_11-12
Date Collected: 09/29/25 08:30
Date Received: 09/29/25 15:30

Lab Sample ID: 460-335975-23
Matrix: Solid
Percent Solids: 97.2

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Prep	5035			1065350	JCZ	EET EDI	10/02/25 10:28
Total/NA	Analysis	8260D		1	1065795	SZK	EET EDI	10/04/25 06:53

Client Sample ID: 59B1_1-2
Date Collected: 09/29/25 08:35
Date Received: 09/29/25 15:30

Lab Sample ID: 460-335975-24
Matrix: Solid

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Analysis	Moisture		1	1065425	CJC	EET EDI	10/02/25 17:24

Client Sample ID: 59B1_1-2
Date Collected: 09/29/25 08:35
Date Received: 09/29/25 15:30

Lab Sample ID: 460-335975-24
Matrix: Solid
Percent Solids: 91.6

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Prep	5035			1065350	JCZ	EET EDI	10/02/25 10:29
Total/NA	Analysis	8260D		1	1065795	SZK	EET EDI	10/04/25 07:16

Client Sample ID: 59B2_2-3
Date Collected: 09/29/25 08:40
Date Received: 09/29/25 15:30

Lab Sample ID: 460-335975-25
Matrix: Solid

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Analysis	Moisture		1	1065425	CJC	EET EDI	10/02/25 17:24

Client Sample ID: 59B2_2-3
Date Collected: 09/29/25 08:40
Date Received: 09/29/25 15:30

Lab Sample ID: 460-335975-25
Matrix: Solid
Percent Solids: 94.2

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Prep	5035			1065350	JCZ	EET EDI	10/02/25 10:29
Total/NA	Analysis	8260D		1	1065795	SZK	EET EDI	10/04/25 07:39

Client Sample ID: 59B3_4-5
Date Collected: 09/29/25 08:45
Date Received: 09/29/25 15:30

Lab Sample ID: 460-335975-26
Matrix: Solid

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Analysis	Moisture		1	1065425	CJC	EET EDI	10/02/25 17:24

Lab Chronicle

Client: Haley & Aldrich, Inc.
Project/Site: Former Port Mobil

Job ID: 460-335975-1

Client Sample ID: 59B3_4-5
Date Collected: 09/29/25 08:45
Date Received: 09/29/25 15:30

Lab Sample ID: 460-335975-26
Matrix: Solid
Percent Solids: 94.3

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Prep	5035			1065350	JCZ	EET EDI	10/02/25 10:29
Total/NA	Analysis	8260D		1	1065795	SZK	EET EDI	10/04/25 08:02

Client Sample ID: 59B1_5-6
Date Collected: 09/29/25 08:50
Date Received: 09/29/25 15:30

Lab Sample ID: 460-335975-27
Matrix: Solid

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Analysis	Moisture		1	1065425	CJC	EET EDI	10/02/25 17:24

Client Sample ID: 59B1_5-6
Date Collected: 09/29/25 08:50
Date Received: 09/29/25 15:30

Lab Sample ID: 460-335975-27
Matrix: Solid
Percent Solids: 91.9

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Prep	5035			1065350	JCZ	EET EDI	10/02/25 10:30
Total/NA	Analysis	8260D		1	1065795	SZK	EET EDI	10/04/25 08:25

Client Sample ID: 59B2_7.8
Date Collected: 09/29/25 08:55
Date Received: 09/29/25 15:30

Lab Sample ID: 460-335975-28
Matrix: Solid

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Analysis	Moisture		1	1065425	CJC	EET EDI	10/02/25 17:24

Client Sample ID: 59B2_7.8
Date Collected: 09/29/25 08:55
Date Received: 09/29/25 15:30

Lab Sample ID: 460-335975-28
Matrix: Solid
Percent Solids: 92.2

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Prep	5035			1065350	JCZ	EET EDI	10/02/25 10:30
Total/NA	Analysis	8260D		1	1065795	SZK	EET EDI	10/04/25 08:48

Client Sample ID: 59B3_8-9
Date Collected: 09/29/25 09:00
Date Received: 09/29/25 15:30

Lab Sample ID: 460-335975-29
Matrix: Solid

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Analysis	Moisture		1	1065425	CJC	EET EDI	10/02/25 17:24

Lab Chronicle

Client: Haley & Aldrich, Inc.
Project/Site: Former Port Mobil

Job ID: 460-335975-1

Client Sample ID: 59B3_8-9
Date Collected: 09/29/25 09:00
Date Received: 09/29/25 15:30

Lab Sample ID: 460-335975-29
Matrix: Solid
Percent Solids: 92.8

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Prep	5035			1065350	JCZ	EET EDI	10/02/25 10:30
Total/NA	Analysis	8260D		1	1065795	SZK	EET EDI	10/04/25 09:11

Client Sample ID: 59B2_9-10
Date Collected: 09/29/25 09:05
Date Received: 09/29/25 15:30

Lab Sample ID: 460-335975-30
Matrix: Solid

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Analysis	Moisture		1	1065425	CJC	EET EDI	10/02/25 17:24

Client Sample ID: 59B2_9-10
Date Collected: 09/29/25 09:05
Date Received: 09/29/25 15:30

Lab Sample ID: 460-335975-30
Matrix: Solid
Percent Solids: 94.1

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Prep	5035			1065350	JCZ	EET EDI	10/02/25 10:31
Total/NA	Analysis	8260D		1	1065795	SZK	EET EDI	10/04/25 09:34

Client Sample ID: 59C1_1-2
Date Collected: 09/29/25 09:10
Date Received: 09/29/25 15:30

Lab Sample ID: 460-335975-31
Matrix: Solid

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Analysis	Moisture		1	1065425	CJC	EET EDI	10/02/25 17:24

Client Sample ID: 59C1_1-2
Date Collected: 09/29/25 09:10
Date Received: 09/29/25 15:30

Lab Sample ID: 460-335975-31
Matrix: Solid
Percent Solids: 93.9

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Prep	5035			1065350	JCZ	EET EDI	10/02/25 10:31
Total/NA	Analysis	8260D		1	1065795	SZK	EET EDI	10/04/25 09:57

Client Sample ID: 59C2_3-4
Date Collected: 09/29/25 09:15
Date Received: 09/29/25 15:30

Lab Sample ID: 460-335975-32
Matrix: Solid

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Analysis	Moisture		1	1065425	CJC	EET EDI	10/02/25 17:24

Lab Chronicle

Client: Haley & Aldrich, Inc.
Project/Site: Former Port Mobil

Job ID: 460-335975-1

Client Sample ID: 59C2_3-4
Date Collected: 09/29/25 09:15
Date Received: 09/29/25 15:30

Lab Sample ID: 460-335975-32
Matrix: Solid
Percent Solids: 94.9

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Prep	5035			1065350	JCZ	EET EDI	10/02/25 10:31
Total/NA	Analysis	8260D		1	1065795	SZK	EET EDI	10/04/25 10:20

Client Sample ID: 59C3_4-5
Date Collected: 09/29/25 09:20
Date Received: 09/29/25 15:30

Lab Sample ID: 460-335975-33
Matrix: Solid

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Analysis	Moisture		1	1065425	CJC	EET EDI	10/02/25 17:24

Client Sample ID: 59C3_4-5
Date Collected: 09/29/25 09:20
Date Received: 09/29/25 15:30

Lab Sample ID: 460-335975-33
Matrix: Solid
Percent Solids: 91.1

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Prep	5035			1065350	JCZ	EET EDI	10/02/25 10:32
Total/NA	Analysis	8260D		1	1065795	SZK	EET EDI	10/04/25 10:47

Client Sample ID: 59C1_5-6
Date Collected: 09/29/25 09:25
Date Received: 09/29/25 15:30

Lab Sample ID: 460-335975-34
Matrix: Solid

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Analysis	Moisture		1	1065425	CJC	EET EDI	10/02/25 17:24

Client Sample ID: 59C1_5-6
Date Collected: 09/29/25 09:25
Date Received: 09/29/25 15:30

Lab Sample ID: 460-335975-34
Matrix: Solid
Percent Solids: 96.4

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Prep	5035			1065350	JCZ	EET EDI	10/02/25 10:32
Total/NA	Analysis	8260D		1	1065795	SZK	EET EDI	10/04/25 11:10

Client Sample ID: 59C2_6-7
Date Collected: 09/29/25 09:30
Date Received: 09/29/25 15:30

Lab Sample ID: 460-335975-35
Matrix: Solid

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Analysis	Moisture		1	1065425	CJC	EET EDI	10/02/25 17:24

Lab Chronicle

Client: Haley & Aldrich, Inc.
Project/Site: Former Port Mobil

Job ID: 460-335975-1

Client Sample ID: 59C2_6-7

Lab Sample ID: 460-335975-35
Date Collected: 09/29/25 09:30
Matrix: Solid
Date Received: 09/29/25 15:30
Percent Solids: 96.6

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Prep	5035			1065350	JCZ	EET EDI	10/02/25 10:32
Total/NA	Analysis	8260D		1	1066059	EMM	EET EDI	10/06/25 01:42

Client Sample ID: 59C3_8-9

Lab Sample ID: 460-335975-36
Date Collected: 09/29/25 09:35
Matrix: Solid
Date Received: 09/29/25 15:30

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Analysis	Moisture		1	1065425	CJC	EET EDI	10/02/25 17:24

Client Sample ID: 59C3_8-9

Lab Sample ID: 460-335975-36
Date Collected: 09/29/25 09:35
Matrix: Solid
Date Received: 09/29/25 15:30
Percent Solids: 94.8

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Prep	5035			1065350	JCZ	EET EDI	10/02/25 10:33
Total/NA	Analysis	8260D		1	1065795	SZK	EET EDI	10/04/25 11:57

Client Sample ID: 59C1_9-10

Lab Sample ID: 460-335975-37
Date Collected: 09/29/25 09:40
Matrix: Solid
Date Received: 09/29/25 15:30

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Analysis	Moisture		1	1065425	CJC	EET EDI	10/02/25 17:24

Client Sample ID: 59C1_9-10

Lab Sample ID: 460-335975-37
Date Collected: 09/29/25 09:40
Matrix: Solid
Date Received: 09/29/25 15:30
Percent Solids: 90.1

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Prep	5035			1065350	JCZ	EET EDI	10/02/25 10:33
Total/NA	Analysis	8260D		1	1065795	SZK	EET EDI	10/04/25 12:20

Client Sample ID: 59D1_1-2

Lab Sample ID: 460-335975-38
Date Collected: 09/29/25 09:45
Matrix: Solid
Date Received: 09/29/25 15:30

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Analysis	Moisture		1	1065425	CJC	EET EDI	10/02/25 17:24

Lab Chronicle

Client: Haley & Aldrich, Inc.
Project/Site: Former Port Mobil

Job ID: 460-335975-1

Client Sample ID: 59D1_1-2
Date Collected: 09/29/25 09:45
Date Received: 09/29/25 15:30

Lab Sample ID: 460-335975-38
Matrix: Solid
Percent Solids: 93.3

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Prep	5035			1065350	JCZ	EET EDI	10/02/25 10:33
Total/NA	Analysis	8260D		1	1065795	SZK	EET EDI	10/04/25 12:43

Client Sample ID: 59D2_2-3
Date Collected: 09/29/25 09:50
Date Received: 09/29/25 15:30

Lab Sample ID: 460-335975-39
Matrix: Solid

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Analysis	Moisture		1	1065425	CJC	EET EDI	10/02/25 17:24

Client Sample ID: 59D2_2-3
Date Collected: 09/29/25 09:50
Date Received: 09/29/25 15:30

Lab Sample ID: 460-335975-39
Matrix: Solid
Percent Solids: 88.9

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Prep	5035			1065350	JCZ	EET EDI	10/02/25 10:34
Total/NA	Analysis	8260D		1	1066059	EMM	EET EDI	10/06/25 02:06

Client Sample ID: 59D3_3-4
Date Collected: 09/29/25 09:55
Date Received: 09/29/25 15:30

Lab Sample ID: 460-335975-40
Matrix: Solid

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Analysis	Moisture		1	1065425	CJC	EET EDI	10/02/25 17:24

Client Sample ID: 59D3_3-4
Date Collected: 09/29/25 09:55
Date Received: 09/29/25 15:30

Lab Sample ID: 460-335975-40
Matrix: Solid
Percent Solids: 89.4

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Prep	5035			1065350	JCZ	EET EDI	10/02/25 10:34
Total/NA	Analysis	8260D		1	1065795	SZK	EET EDI	10/04/25 13:29

Client Sample ID: 59D1_6-7
Date Collected: 09/29/25 10:00
Date Received: 09/29/25 15:30

Lab Sample ID: 460-335975-41
Matrix: Solid

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Analysis	Moisture		1	1065425	CJC	EET EDI	10/02/25 17:24

Lab Chronicle

Client: Haley & Aldrich, Inc.
Project/Site: Former Port Mobil

Job ID: 460-335975-1

Client Sample ID: 59D1_6-7
Date Collected: 09/29/25 10:00
Date Received: 09/29/25 15:30

Lab Sample ID: 460-335975-41
Matrix: Solid
Percent Solids: 97.5

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Prep	5035			1065350	JCZ	EET EDI	10/02/25 10:34
Total/NA	Analysis	8260D		1	1065795	SZK	EET EDI	10/04/25 13:52

Client Sample ID: 59D2_7-8
Date Collected: 09/29/25 10:05
Date Received: 09/29/25 15:30

Lab Sample ID: 460-335975-42
Matrix: Solid

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Analysis	Moisture		1	1065425	CJC	EET EDI	10/02/25 17:24

Client Sample ID: 59D2_7-8
Date Collected: 09/29/25 10:05
Date Received: 09/29/25 15:30

Lab Sample ID: 460-335975-42
Matrix: Solid
Percent Solids: 96.2

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Prep	5035			1065350	JCZ	EET EDI	10/02/25 10:35
Total/NA	Analysis	8260D		1	1065795	SZK	EET EDI	10/04/25 14:15

Client Sample ID: 59D3_8-9
Date Collected: 09/29/25 10:10
Date Received: 09/29/25 15:30

Lab Sample ID: 460-335975-43
Matrix: Solid

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Analysis	Moisture		1	1065425	CJC	EET EDI	10/02/25 17:24

Client Sample ID: 59D3_8-9
Date Collected: 09/29/25 10:10
Date Received: 09/29/25 15:30

Lab Sample ID: 460-335975-43
Matrix: Solid
Percent Solids: 92.7

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Prep	5035			1065350	JCZ	EET EDI	10/02/25 10:35
Total/NA	Analysis	8260D		1	1065796	SZK	EET EDI	10/04/25 17:42

Client Sample ID: 59D2_11-12
Date Collected: 09/29/25 10:15
Date Received: 09/29/25 15:30

Lab Sample ID: 460-335975-44
Matrix: Solid

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Analysis	Moisture		1	1065425	CJC	EET EDI	10/02/25 17:24

Lab Chronicle

Client: Haley & Aldrich, Inc.
Project/Site: Former Port Mobil

Job ID: 460-335975-1

Client Sample ID: 59D2_11-12
Date Collected: 09/29/25 10:15
Date Received: 09/29/25 15:30

Lab Sample ID: 460-335975-44
Matrix: Solid
Percent Solids: 93.2

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Prep	5035			1065350	JCZ	EET EDI	10/02/25 10:35
Total/NA	Analysis	8260D		1	1065796	SZK	EET EDI	10/04/25 18:05

Client Sample ID: 59E1_1-2
Date Collected: 09/29/25 10:20
Date Received: 09/29/25 15:30

Lab Sample ID: 460-335975-45
Matrix: Solid

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Analysis	Moisture		1	1065425	CJC	EET EDI	10/02/25 17:24

Client Sample ID: 59E1_1-2
Date Collected: 09/29/25 10:20
Date Received: 09/29/25 15:30

Lab Sample ID: 460-335975-45
Matrix: Solid
Percent Solids: 95.6

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Prep	5035			1065359	JCZ	EET EDI	10/02/25 11:03
Total/NA	Analysis	8260D		1	1065796	SZK	EET EDI	10/04/25 18:28

Client Sample ID: 59E2_2-3
Date Collected: 09/29/25 10:25
Date Received: 09/29/25 15:30

Lab Sample ID: 460-335975-46
Matrix: Solid

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Analysis	Moisture		1	1065425	CJC	EET EDI	10/02/25 17:24

Client Sample ID: 59E2_2-3
Date Collected: 09/29/25 10:25
Date Received: 09/29/25 15:30

Lab Sample ID: 460-335975-46
Matrix: Solid
Percent Solids: 98.9

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Prep	5035			1065359	JCZ	EET EDI	10/02/25 11:03
Total/NA	Analysis	8260D		1	1065796	SZK	EET EDI	10/04/25 18:51

Client Sample ID: 59E3_4-5
Date Collected: 09/29/25 10:30
Date Received: 09/29/25 15:30

Lab Sample ID: 460-335975-47
Matrix: Solid

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Analysis	Moisture		1	1065425	CJC	EET EDI	10/02/25 17:24

Lab Chronicle

Client: Haley & Aldrich, Inc.
Project/Site: Former Port Mobil

Job ID: 460-335975-1

Client Sample ID: 59E3_4-5
Date Collected: 09/29/25 10:30
Date Received: 09/29/25 15:30

Lab Sample ID: 460-335975-47
Matrix: Solid
Percent Solids: 94.8

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Prep	5035			1065359	JCZ	EET EDI	10/02/25 11:03
Total/NA	Analysis	8260D		1	1065796	SZK	EET EDI	10/04/25 19:14

Client Sample ID: 59E1_6-7
Date Collected: 09/29/25 10:35
Date Received: 09/29/25 15:30

Lab Sample ID: 460-335975-48
Matrix: Solid

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Analysis	Moisture		1	1065425	CJC	EET EDI	10/02/25 17:24

Client Sample ID: 59E1_6-7
Date Collected: 09/29/25 10:35
Date Received: 09/29/25 15:30

Lab Sample ID: 460-335975-48
Matrix: Solid
Percent Solids: 91.8

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Prep	5035			1065359	JCZ	EET EDI	10/02/25 11:04
Total/NA	Analysis	8260D		1	1066059	EMM	EET EDI	10/06/25 02:54

Client Sample ID: 59E2_8-9
Date Collected: 09/29/25 10:40
Date Received: 09/29/25 15:30

Lab Sample ID: 460-335975-49
Matrix: Solid

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Analysis	Moisture		1	1065425	CJC	EET EDI	10/02/25 17:24

Client Sample ID: 59E2_8-9
Date Collected: 09/29/25 10:40
Date Received: 09/29/25 15:30

Lab Sample ID: 460-335975-49
Matrix: Solid
Percent Solids: 95.6

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Prep	5035			1065359	JCZ	EET EDI	10/02/25 11:04
Total/NA	Analysis	8260D		1	1066059	EMM	EET EDI	10/06/25 03:18

Client Sample ID: 59E3_9-10
Date Collected: 09/29/25 10:45
Date Received: 09/29/25 15:30

Lab Sample ID: 460-335975-50
Matrix: Solid

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Analysis	Moisture		1	1065425	CJC	EET EDI	10/02/25 17:24

Lab Chronicle

Client: Haley & Aldrich, Inc.
Project/Site: Former Port Mobil

Job ID: 460-335975-1

Client Sample ID: 59E3_9-10
Date Collected: 09/29/25 10:45
Date Received: 09/29/25 15:30

Lab Sample ID: 460-335975-50
Matrix: Solid
Percent Solids: 92.5

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Prep	5035			1065359	JCZ	EET EDI	10/02/25 11:04
Total/NA	Analysis	8260D		1	1065796	SZK	EET EDI	10/04/25 20:23

Client Sample ID: 59E1_11-12
Date Collected: 09/29/25 10:50
Date Received: 09/29/25 15:30

Lab Sample ID: 460-335975-51
Matrix: Solid

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Analysis	Moisture		1	1065425	CJC	EET EDI	10/02/25 17:24

Client Sample ID: 59E1_11-12
Date Collected: 09/29/25 10:50
Date Received: 09/29/25 15:30

Lab Sample ID: 460-335975-51
Matrix: Solid
Percent Solids: 98.6

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Prep	5035			1065359	JCZ	EET EDI	10/02/25 11:05
Total/NA	Analysis	8260D		1	1065796	SZK	EET EDI	10/04/25 20:46

Client Sample ID: 59F1_1-2
Date Collected: 09/29/25 10:55
Date Received: 09/29/25 15:30

Lab Sample ID: 460-335975-52
Matrix: Solid

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Analysis	Moisture		1	1065425	CJC	EET EDI	10/02/25 17:24

Client Sample ID: 59F1_1-2
Date Collected: 09/29/25 10:55
Date Received: 09/29/25 15:30

Lab Sample ID: 460-335975-52
Matrix: Solid
Percent Solids: 99.7

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Prep	5035			1065359	JCZ	EET EDI	10/02/25 11:05
Total/NA	Analysis	8260D		1	1065796	SZK	EET EDI	10/04/25 21:09

Client Sample ID: 59F2_3-4
Date Collected: 09/29/25 11:00
Date Received: 09/29/25 15:30

Lab Sample ID: 460-335975-53
Matrix: Solid

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Analysis	Moisture		1	1065426	CJC	EET EDI	10/02/25 17:24

Lab Chronicle

Client: Haley & Aldrich, Inc.
Project/Site: Former Port Mobil

Job ID: 460-335975-1

Client Sample ID: 59F2_3-4
Date Collected: 09/29/25 11:00
Date Received: 09/29/25 15:30

Lab Sample ID: 460-335975-53
Matrix: Solid
Percent Solids: 89.7

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Prep	5035			1065359	JCZ	EET EDI	10/02/25 11:05
Total/NA	Analysis	8260D		1	1065796	SZK	EET EDI	10/04/25 21:33

Client Sample ID: 59F3_4-5
Date Collected: 09/29/25 11:05
Date Received: 09/29/25 15:30

Lab Sample ID: 460-335975-54
Matrix: Solid

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Analysis	Moisture		1	1065426	CJC	EET EDI	10/02/25 17:24

Client Sample ID: 59F3_4-5
Date Collected: 09/29/25 11:05
Date Received: 09/29/25 15:30

Lab Sample ID: 460-335975-54
Matrix: Solid
Percent Solids: 99.4

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Prep	5035			1065359	JCZ	EET EDI	10/02/25 11:06
Total/NA	Analysis	8260D		1	1065796	SZK	EET EDI	10/04/25 21:56

Client Sample ID: 59F1_5-6
Date Collected: 09/29/25 11:10
Date Received: 09/29/25 15:30

Lab Sample ID: 460-335975-55
Matrix: Solid

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Analysis	Moisture		1	1065426	CJC	EET EDI	10/02/25 17:24

Client Sample ID: 59F1_5-6
Date Collected: 09/29/25 11:10
Date Received: 09/29/25 15:30

Lab Sample ID: 460-335975-55
Matrix: Solid
Percent Solids: 98.4

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Prep	5035			1065359	JCZ	EET EDI	10/02/25 11:06
Total/NA	Analysis	8260D		1	1065796	SZK	EET EDI	10/04/25 22:19

Client Sample ID: 59F2_7-8
Date Collected: 09/29/25 11:15
Date Received: 09/29/25 15:30

Lab Sample ID: 460-335975-56
Matrix: Solid

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Analysis	Moisture		1	1065426	CJC	EET EDI	10/02/25 17:24

Client Sample ID: 59F2_7-8

Lab Sample ID: 460-335975-56
Date Collected: 09/29/25 11:15
Matrix: Solid
Date Received: 09/29/25 15:30
Percent Solids: 97.8

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Prep	5035			1065359	JCZ	EET EDI	10/02/25 11:06
Total/NA	Analysis	8260D		1	1065796	SZK	EET EDI	10/04/25 22:42

Client Sample ID: 59F3_9-10

Lab Sample ID: 460-335975-57
Date Collected: 09/29/25 11:20
Matrix: Solid
Date Received: 09/29/25 15:30

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Analysis	Moisture		1	1065426	CJC	EET EDI	10/02/25 17:24

Client Sample ID: 59F3_9-10

Lab Sample ID: 460-335975-57
Date Collected: 09/29/25 11:20
Matrix: Solid
Date Received: 09/29/25 15:30
Percent Solids: 97.6

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Prep	5035			1065359	JCZ	EET EDI	10/02/25 11:07
Total/NA	Analysis	8260D		1	1065796	SZK	EET EDI	10/04/25 23:05

Client Sample ID: 59F1_11-12

Lab Sample ID: 460-335975-58
Date Collected: 09/29/25 11:25
Matrix: Solid
Date Received: 09/29/25 15:30

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Analysis	Moisture		1	1065426	CJC	EET EDI	10/02/25 17:24

Client Sample ID: 59F1_11-12

Lab Sample ID: 460-335975-58
Date Collected: 09/29/25 11:25
Matrix: Solid
Date Received: 09/29/25 15:30
Percent Solids: 89.8

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Prep	5035			1065359	JCZ	EET EDI	10/02/25 11:07
Total/NA	Analysis	8260D		1	1065796	SZK	EET EDI	10/04/25 23:28

Client Sample ID: 57A1_1-2

Lab Sample ID: 460-335975-59
Date Collected: 09/29/25 12:30
Matrix: Solid
Date Received: 09/29/25 15:30

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Analysis	Moisture		1	1065426	CJC	EET EDI	10/02/25 17:24

Lab Chronicle

Client: Haley & Aldrich, Inc.
Project/Site: Former Port Mobil

Job ID: 460-335975-1

Client Sample ID: 57A1_1-2
Date Collected: 09/29/25 12:30
Date Received: 09/29/25 15:30

Lab Sample ID: 460-335975-59
Matrix: Solid
Percent Solids: 99.2

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Prep	5035			1065359	JCZ	EET EDI	10/02/25 11:07
Total/NA	Analysis	8260D		1	1065796	SZK	EET EDI	10/04/25 23:51

Client Sample ID: 57A2_2-3
Date Collected: 09/29/25 12:35
Date Received: 09/29/25 15:30

Lab Sample ID: 460-335975-60
Matrix: Solid

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Analysis	Moisture		1	1065426	CJC	EET EDI	10/02/25 17:24

Client Sample ID: 57A2_2-3
Date Collected: 09/29/25 12:35
Date Received: 09/29/25 15:30

Lab Sample ID: 460-335975-60
Matrix: Solid
Percent Solids: 98.0

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Prep	5035			1065359	JCZ	EET EDI	10/02/25 11:08
Total/NA	Analysis	8260D		1	1065796	SZK	EET EDI	10/05/25 00:14

Client Sample ID: 57A3_3-4
Date Collected: 09/29/25 12:40
Date Received: 09/29/25 15:30

Lab Sample ID: 460-335975-61
Matrix: Solid

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Analysis	Moisture		1	1065426	CJC	EET EDI	10/02/25 17:24

Client Sample ID: 57A3_3-4
Date Collected: 09/29/25 12:40
Date Received: 09/29/25 15:30

Lab Sample ID: 460-335975-61
Matrix: Solid
Percent Solids: 98.6

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Prep	5035			1065359	JCZ	EET EDI	10/02/25 11:08
Total/NA	Analysis	8260D		1	1065796	SZK	EET EDI	10/05/25 00:37

Client Sample ID: 57A1_4-5
Date Collected: 09/29/25 12:45
Date Received: 09/29/25 15:30

Lab Sample ID: 460-335975-62
Matrix: Solid

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Analysis	Moisture		1	1065426	CJC	EET EDI	10/02/25 17:24

Lab Chronicle

Client: Haley & Aldrich, Inc.
Project/Site: Former Port Mobil

Job ID: 460-335975-1

Client Sample ID: 57A1_4-5
Date Collected: 09/29/25 12:45
Date Received: 09/29/25 15:30

Lab Sample ID: 460-335975-62
Matrix: Solid
Percent Solids: 99.3

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Prep	5035			1065359	JCZ	EET EDI	10/02/25 11:09
Total/NA	Analysis	8260D		1	1065796	SZK	EET EDI	10/05/25 01:00

Client Sample ID: 57A2_6-7
Date Collected: 09/29/25 12:50
Date Received: 09/29/25 15:30

Lab Sample ID: 460-335975-63
Matrix: Solid

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Analysis	Moisture		1	1065426	CJC	EET EDI	10/02/25 17:24

Client Sample ID: 57A2_6-7
Date Collected: 09/29/25 12:50
Date Received: 09/29/25 15:30

Lab Sample ID: 460-335975-63
Matrix: Solid
Percent Solids: 98.4

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Prep	5035			1065359	JCZ	EET EDI	10/02/25 11:09
Total/NA	Analysis	8260D		1	1065959	EMM	EET EDI	10/05/25 20:15

Client Sample ID: 57A3_5-6
Date Collected: 09/29/25 12:55
Date Received: 09/29/25 15:30

Lab Sample ID: 460-335975-64
Matrix: Solid

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Analysis	Moisture		1	1065426	CJC	EET EDI	10/02/25 17:24

Client Sample ID: 57A3_5-6
Date Collected: 09/29/25 12:55
Date Received: 09/29/25 15:30

Lab Sample ID: 460-335975-64
Matrix: Solid
Percent Solids: 99.0

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Prep	5035			1065359	JCZ	EET EDI	10/02/25 11:09
Total/NA	Analysis	8260D		1	1065959	EMM	EET EDI	10/05/25 20:38

Client Sample ID: 57A3_7-8
Date Collected: 09/29/25 13:00
Date Received: 09/29/25 15:30

Lab Sample ID: 460-335975-65
Matrix: Solid

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Analysis	Moisture		1	1065426	CJC	EET EDI	10/02/25 17:24

Lab Chronicle

Client: Haley & Aldrich, Inc.
Project/Site: Former Port Mobil

Job ID: 460-335975-1

Client Sample ID: 57A3_7-8
Date Collected: 09/29/25 13:00
Date Received: 09/29/25 15:30

Lab Sample ID: 460-335975-65
Matrix: Solid
Percent Solids: 98.9

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Prep	5035			1065359	JCZ	EET EDI	10/02/25 11:10
Total/NA	Analysis	8260D		1	1065959	EMM	EET EDI	10/05/25 21:01

Client Sample ID: 57B1_1-2
Date Collected: 09/29/25 13:05
Date Received: 09/29/25 15:30

Lab Sample ID: 460-335975-66
Matrix: Solid

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Analysis	Moisture		1	1065426	CJC	EET EDI	10/02/25 17:24

Client Sample ID: 57B1_1-2
Date Collected: 09/29/25 13:05
Date Received: 09/29/25 15:30

Lab Sample ID: 460-335975-66
Matrix: Solid
Percent Solids: 91.6

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Prep	5035			1065359	JCZ	EET EDI	10/02/25 11:10
Total/NA	Analysis	8260D		1	1065968	AAT	EET EDI	10/05/25 02:20

Client Sample ID: 57B2_2-3
Date Collected: 09/29/25 13:10
Date Received: 09/29/25 15:30

Lab Sample ID: 460-335975-67
Matrix: Solid

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Analysis	Moisture		1	1065426	CJC	EET EDI	10/02/25 17:24

Client Sample ID: 57B2_2-3
Date Collected: 09/29/25 13:10
Date Received: 09/29/25 15:30

Lab Sample ID: 460-335975-67
Matrix: Solid
Percent Solids: 98.4

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Prep	5035			1065359	JCZ	EET EDI	10/02/25 11:10
Total/NA	Analysis	8260D		1	1065968	AAT	EET EDI	10/05/25 02:44

Client Sample ID: 57B3_3-4
Date Collected: 09/29/25 13:15
Date Received: 09/29/25 15:30

Lab Sample ID: 460-335975-68
Matrix: Solid

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Analysis	Moisture		1	1065426	CJC	EET EDI	10/02/25 17:24

Lab Chronicle

Client: Haley & Aldrich, Inc.
Project/Site: Former Port Mobil

Job ID: 460-335975-1

Client Sample ID: 57B3_3-4
Date Collected: 09/29/25 13:15
Date Received: 09/29/25 15:30

Lab Sample ID: 460-335975-68
Matrix: Solid
Percent Solids: 98.2

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Prep	5035			1065359	JCZ	EET EDI	10/02/25 11:11
Total/NA	Analysis	8260D		1	1066001	AAT	EET EDI	10/05/25 08:26

Client Sample ID: 57B1_4-5
Date Collected: 09/29/25 13:20
Date Received: 09/29/25 15:30

Lab Sample ID: 460-335975-69
Matrix: Solid

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Analysis	Moisture		1	1065426	CJC	EET EDI	10/02/25 17:24

Client Sample ID: 57B1_4-5
Date Collected: 09/29/25 13:20
Date Received: 09/29/25 15:30

Lab Sample ID: 460-335975-69
Matrix: Solid
Percent Solids: 99.4

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Prep	5035			1065359	JCZ	EET EDI	10/02/25 11:11
Total/NA	Analysis	8260D		1	1066001	AAT	EET EDI	10/05/25 08:51

Client Sample ID: 57B2_5-6
Date Collected: 09/29/25 13:25
Date Received: 09/29/25 15:30

Lab Sample ID: 460-335975-70
Matrix: Solid

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Analysis	Moisture		1	1065426	CJC	EET EDI	10/02/25 17:24

Client Sample ID: 57B2_5-6
Date Collected: 09/29/25 13:25
Date Received: 09/29/25 15:30

Lab Sample ID: 460-335975-70
Matrix: Solid
Percent Solids: 98.5

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Prep	5035			1065359	JCZ	EET EDI	10/02/25 11:11
Total/NA	Analysis	8260D		1	1066001	AAT	EET EDI	10/05/25 09:16

Client Sample ID: 57B3_6-7
Date Collected: 09/29/25 13:30
Date Received: 09/29/25 15:30

Lab Sample ID: 460-335975-71
Matrix: Solid

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Analysis	Moisture		1	1065426	CJC	EET EDI	10/02/25 17:24

Lab Chronicle

Client: Haley & Aldrich, Inc.
Project/Site: Former Port Mobil

Job ID: 460-335975-1

Client Sample ID: 57B3_6-7

Lab Sample ID: 460-335975-71
Date Collected: 09/29/25 13:30
Matrix: Solid
Date Received: 09/29/25 15:30
Percent Solids: 98.0

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Prep	5035			1065359	JCZ	EET EDI	10/02/25 11:12
Total/NA	Analysis	8260D		1	1066001	AAT	EET EDI	10/05/25 09:41

Client Sample ID: 57B1_7-8

Lab Sample ID: 460-335975-72
Date Collected: 09/29/25 13:35
Matrix: Solid
Date Received: 09/29/25 15:30

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Analysis	Moisture		1	1065426	CJC	EET EDI	10/02/25 17:24

Client Sample ID: 57B1_7-8

Lab Sample ID: 460-335975-72
Date Collected: 09/29/25 13:35
Matrix: Solid
Date Received: 09/29/25 15:30
Percent Solids: 98.9

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Prep	5035			1065359	JCZ	EET EDI	10/02/25 11:12
Total/NA	Analysis	8260D		1	1066001	AAT	EET EDI	10/05/25 10:06

Laboratory References:

EET EDI = Eurofins Edison, 777 New Durham Road, Edison, NJ 08817, TEL (732)549-3900

ELLE = Eurofins Lancaster Laboratories Environment Testing, LLC, 2425 New Holland Pike, Lancaster, PA 17601, TEL (717)656-2300

Accreditation/Certification Summary

Client: Haley & Aldrich, Inc.
Project/Site: Former Port Mobil

Job ID: 460-335975-1

Laboratory: Eurofins Edison

Unless otherwise noted, all analytes for this laboratory were covered under each accreditation/certification below.

Authority	Program	Identification Number	Expiration Date
New York	NELAP	11452	04-01-26

The following analytes are included in this report, but the laboratory is not certified by the governing authority. This list may include analytes for which the agency does not offer certification.

Analysis Method	Prep Method	Matrix	Analyte
8270E	3546	Solid	3 & 4 Methylphenol
Moisture		Solid	Percent Moisture
Moisture		Solid	Percent Solids

Laboratory: Eurofins Lancaster Laboratories Environment Testing, LLC

All accreditations/certifications held by this laboratory are listed. Not all accreditations/certifications are applicable to this report.

Authority	Program	Identification Number	Expiration Date
A2LA	Dept. of Defense ELAP	0001.01	11-30-26
A2LA	Dept. of Energy	0001.01	11-30-26
A2LA	ISO/IEC 17025	0001.01	11-30-26
Alabama	State	43200	01-31-26
Alaska	State	PA00009	06-30-26
Alaska (UST)	State	17-027	12-30-26
Arizona	State	AZ0780	03-12-26
Arkansas DEQ	State	88-00660	08-09-26
California	State	2792	01-31-26
Colorado	State	PA00009	06-30-26
Connecticut	State	PH-0746	06-30-27
DE Haz. Subst. Cleanup Act (HSCA)	State	019-006 (PA cert)	01-31-26
Delaware (DW)	State	N/A	01-31-26
Florida	NELAP	E87997	07-01-26
Georgia (DW)	State	C048	01-31-26
Illinois	NELAP	200027	01-31-26
Iowa	State	361	03-01-26
Kansas	NELAP	E-10151	10-31-25
Kentucky (DW)	State	KY90088	12-31-25
Kentucky (UST)	State	0001.01	11-30-26
Kentucky (WW)	State	KY90088	12-31-25
Louisiana (All)	NELAP	02055	06-30-26
Maine	State	2019012	03-12-27
Maryland	State	100	06-30-26
Massachusetts	State	M-PA009	06-30-26
Michigan	State	9930	01-31-26
Minnesota	NELAP	042-999-487	12-31-25
Mississippi	State	023	01-31-26
Missouri	State	450	01-31-28
Montana (DW)	State	0098	01-01-26
Nebraska	State	NE-OS-32-17	01-31-26
New Hampshire	NELAP	2730	01-10-26
New Jersey	NELAP	PA011	06-30-26
New York	NELAP	10670	04-01-26
North Carolina (DW)	State	42705	07-31-26
North Carolina (WW/SW)	State	521	12-31-25
North Dakota	State	R-205	01-31-24 *
Ohio	State	87787	01-31-26

* Accreditation/Certification renewal pending - accreditation/certification considered valid.

Eurofins Edison

Accreditation/Certification Summary

Client: Haley & Aldrich, Inc.
Project/Site: Former Port Mobil

Job ID: 460-335975-1

Laboratory: Eurofins Lancaster Laboratories Environment Testing, LLC (Continued)

All accreditations/certifications held by this laboratory are listed. Not all accreditations/certifications are applicable to this report.

Authority	Program	Identification Number	Expiration Date
Oklahoma	NELAP	9804	12-31-25
Oregon	NELAP	PA200001	09-12-26
Pennsylvania	NELAP	36-00037	01-31-26
Quebec Ministry of Environment and Fight against Climate Change	PALA	507	09-16-29
Rhode Island	State	LAO00338	12-30-25
South Carolina	State	89002	01-31-26
Tennessee	State	02838	01-31-26
Texas	NELAP	T104704194-23-46	08-31-26
USDA	US Federal Programs	525-22-298-19481	10-25-25
Vermont	State	VT - 36037	10-27-25
Virginia	NELAP	460182	06-14-26
Washington	State	C457	04-11-26
West Virginia (DW)	State	9906 C	03-31-26
West Virginia DEP	State	055	07-31-26
Wyoming	State	8TMS-L	01-31-26
Wyoming (UST)	A2LA	0001.01	11-30-26

Method Summary

Client: Haley & Aldrich, Inc.
Project/Site: Former Port Mobil

Job ID: 460-335975-1

Method	Method Description	Protocol	Laboratory
8260D	Volatile Organic Compounds by GC/MS	SW846	EET EDI
8270E	Semivolatile Organic Compounds (GC/MS)	SW846	EET EDI
8081B	Organochlorine Pesticides (GC)	SW846	EET EDI
8082A	Polychlorinated Biphenyls (PCBs) by Gas Chromatography	SW846	EET EDI
1633A	Per- and Polyfluoroalkyl Substances by LC/MS/MS, 1633A	EPA	ELLE
6020B	Metals (ICP/MS)	SW846	EET EDI
7471B	Mercury (CVAA)	SW846	EET EDI
Moisture	Percent Moisture	EPA	EET EDI
1633A Shake	Shake Extraction with SPE	EPA	ELLE
3050B	Preparation, Metals	SW846	EET EDI
3546	Microwave Extraction	SW846	EET EDI
5035	Closed System Purge and Trap	SW846	EET EDI
7471B	Preparation, Mercury	SW846	EET EDI

Protocol References:

EPA = US Environmental Protection Agency

SW846 = "Test Methods For Evaluating Solid Waste, Physical/Chemical Methods", Third Edition, November 1986 And Its Updates.

Laboratory References:

EET EDI = Eurofins Edison, 777 New Durham Road, Edison, NJ 08817, TEL (732)549-3900

ELLE = Eurofins Lancaster Laboratories Environment Testing, LLC, 2425 New Holland Pike, Lancaster, PA 17601, TEL (717)656-2300

Sample Summary

Client: Haley & Aldrich, Inc.
Project/Site: Former Port Mobil

Job ID: 460-335975-1

Lab Sample ID	Client Sample ID	Matrix	Collected	Received	Sample Origin
460-335975-1	59A_0-6	Solid	09/29/25 11:30	09/29/25 15:30	New York
460-335975-2	59A_6-12	Solid	09/29/25 11:35	09/29/25 15:30	New York
460-335975-3	59B_0-6	Solid	09/29/25 11:40	09/29/25 15:30	New York
460-335975-4	59B_6-12	Solid	09/29/25 11:45	09/29/25 15:30	New York
460-335975-5	59C_0-6	Solid	09/29/25 11:50	09/29/25 15:30	New York
460-335975-6	59C_6-12	Solid	09/29/25 11:55	09/29/25 15:30	New York
460-335975-7	59D_0-6	Solid	09/29/25 12:00	09/29/25 15:30	New York
460-335975-8	59D_6-12	Solid	09/29/25 12:05	09/29/25 15:30	New York
460-335975-9	59E_0-6	Solid	09/29/25 12:10	09/29/25 15:30	New York
460-335975-10	59E_6-12	Solid	09/29/25 12:15	09/29/25 15:30	New York
460-335975-11	59F_0-6	Solid	09/29/25 12:20	09/29/25 15:30	New York
460-335975-12	59F_6-12	Solid	09/29/25 12:25	09/29/25 15:30	New York
460-335975-13	57A_0-4	Solid	09/29/25 13:40	09/29/25 15:30	New York
460-335975-14	57A_4-8	Solid	09/29/25 13:45	09/29/25 15:30	New York
460-335975-15	57B_0-4	Solid	09/29/25 13:50	09/29/25 15:30	New York
460-335975-16	57B_4-8	Solid	09/29/25 13:55	09/29/25 15:30	New York
460-335975-17	59A1_0-1	Solid	09/29/25 08:00	09/29/25 15:30	New York
460-335975-18	59A2_2-3	Solid	09/29/25 08:05	09/29/25 15:30	New York
460-335975-19	59A3_3-4	Solid	09/29/25 08:10	09/29/25 15:30	New York
460-335975-20	59A1_4-5	Solid	09/29/25 08:15	09/29/25 15:30	New York
460-335975-21	59A2_6-7	Solid	09/29/25 08:20	09/29/25 15:30	New York
460-335975-22	59A3_8-9	Solid	09/29/25 08:25	09/29/25 15:30	New York
460-335975-23	59A3_11-12	Solid	09/29/25 08:30	09/29/25 15:30	New York
460-335975-24	59B1_1-2	Solid	09/29/25 08:35	09/29/25 15:30	New York
460-335975-25	59B2_2-3	Solid	09/29/25 08:40	09/29/25 15:30	New York
460-335975-26	59B3_4-5	Solid	09/29/25 08:45	09/29/25 15:30	New York
460-335975-27	59B1_5-6	Solid	09/29/25 08:50	09/29/25 15:30	New York
460-335975-28	59B2_7.8	Solid	09/29/25 08:55	09/29/25 15:30	New York
460-335975-29	59B3_8-9	Solid	09/29/25 09:00	09/29/25 15:30	New York
460-335975-30	59B2_9-10	Solid	09/29/25 09:05	09/29/25 15:30	New York
460-335975-31	59C1_1-2	Solid	09/29/25 09:10	09/29/25 15:30	New York
460-335975-32	59C2_3-4	Solid	09/29/25 09:15	09/29/25 15:30	New York
460-335975-33	59C3_4-5	Solid	09/29/25 09:20	09/29/25 15:30	New York
460-335975-34	59C1_5-6	Solid	09/29/25 09:25	09/29/25 15:30	New York
460-335975-35	59C2_6-7	Solid	09/29/25 09:30	09/29/25 15:30	New York
460-335975-36	59C3_8-9	Solid	09/29/25 09:35	09/29/25 15:30	New York
460-335975-37	59C1_9-10	Solid	09/29/25 09:40	09/29/25 15:30	New York
460-335975-38	59D1_1-2	Solid	09/29/25 09:45	09/29/25 15:30	New York
460-335975-39	59D2_2-3	Solid	09/29/25 09:50	09/29/25 15:30	New York
460-335975-40	59D3_3-4	Solid	09/29/25 09:55	09/29/25 15:30	New York
460-335975-41	59D1_6-7	Solid	09/29/25 10:00	09/29/25 15:30	New York
460-335975-42	59D2_7-8	Solid	09/29/25 10:05	09/29/25 15:30	New York
460-335975-43	59D3_8-9	Solid	09/29/25 10:10	09/29/25 15:30	New York
460-335975-44	59D2_11-12	Solid	09/29/25 10:15	09/29/25 15:30	New York
460-335975-45	59E1_1-2	Solid	09/29/25 10:20	09/29/25 15:30	New York
460-335975-46	59E2_2-3	Solid	09/29/25 10:25	09/29/25 15:30	New York
460-335975-47	59E3_4-5	Solid	09/29/25 10:30	09/29/25 15:30	New York
460-335975-48	59E1_6-7	Solid	09/29/25 10:35	09/29/25 15:30	New York
460-335975-49	59E2_8-9	Solid	09/29/25 10:40	09/29/25 15:30	New York
460-335975-50	59E3_9-10	Solid	09/29/25 10:45	09/29/25 15:30	New York
460-335975-51	59E1_11-12	Solid	09/29/25 10:50	09/29/25 15:30	New York
460-335975-52	59F1_1-2	Solid	09/29/25 10:55	09/29/25 15:30	New York
460-335975-53	59F2_3-4	Solid	09/29/25 11:00	09/29/25 15:30	New York

Sample Summary

Client: Haley & Aldrich, Inc.
Project/Site: Former Port Mobil

Job ID: 460-335975-1

Lab Sample ID	Client Sample ID	Matrix	Collected	Received	Sample Origin
460-335975-54	59F3_4-5	Solid	09/29/25 11:05	09/29/25 15:30	New York
460-335975-55	59F1_5-6	Solid	09/29/25 11:10	09/29/25 15:30	New York
460-335975-56	59F2_7-8	Solid	09/29/25 11:15	09/29/25 15:30	New York
460-335975-57	59F3_9-10	Solid	09/29/25 11:20	09/29/25 15:30	New York
460-335975-58	59F1_11-12	Solid	09/29/25 11:25	09/29/25 15:30	New York
460-335975-59	57A1_1-2	Solid	09/29/25 12:30	09/29/25 15:30	New York
460-335975-60	57A2_2-3	Solid	09/29/25 12:35	09/29/25 15:30	New York
460-335975-61	57A3_3-4	Solid	09/29/25 12:40	09/29/25 15:30	New York
460-335975-62	57A1_4-5	Solid	09/29/25 12:45	09/29/25 15:30	New York
460-335975-63	57A2_6-7	Solid	09/29/25 12:50	09/29/25 15:30	New York
460-335975-64	57A3_5-6	Solid	09/29/25 12:55	09/29/25 15:30	New York
460-335975-65	57A3_7-8	Solid	09/29/25 13:00	09/29/25 15:30	New York
460-335975-66	57B1_1-2	Solid	09/29/25 13:05	09/29/25 15:30	New York
460-335975-67	57B2_2-3	Solid	09/29/25 13:10	09/29/25 15:30	New York
460-335975-68	57B3_3-4	Solid	09/29/25 13:15	09/29/25 15:30	New York
460-335975-69	57B1_4-5	Solid	09/29/25 13:20	09/29/25 15:30	New York
460-335975-70	57B2_5-6	Solid	09/29/25 13:25	09/29/25 15:30	New York
460-335975-71	57B3_6-7	Solid	09/29/25 13:30	09/29/25 15:30	New York
460-335975-72	57B1_7-8	Solid	09/29/25 13:35	09/29/25 15:30	New York

Eurofins Edison
777 New Durham Road
Edison NJ 08817
Phone (732) 549-3900 Phone (732) 549-3679

Chain of Custody Record

eurofins Environment Testing

Client Information	Sampler: KRO	Lab PM: Flannery Elizabeth J	Carrier Tracking No(s):	COC No: 460-200410-131129.17
Client Contact: Sarah Commisso	Phone:	E-Mail: Elizabeth.Flannery@et.eurofinsus.com	State of Origin:	Page: Page ~~1 of 2~~ 1/8
Company: Haley & Aldrich, Inc.	PWSID:			Job #: 335975
Address: 213 West 35th Street, 7th Floor	Due Date Requested:			
City: New York	TAT Requested (days): 5-DAY			
State, Zip: NY 10001	Compliance Project: Δ Yes Δ No			
Phone:	PO #: 0213836-001-002-03 ~~0208968-001-001-06~~			
Email: SCommisso@haleyaldrich.com	WO #: 4101 Arthur Kill Road, Staten Island, NY			
Project Name: 4101 Arthur Kill - Former Port Mobil	Project #: 46042832			
Site:	SSOW#:			

Analysis Requested

Preservation Codes: N None; F MeOH

SHORT HOLD

Other:

Sample Identification	Sample Date	Sample Time	Sample Type (C=Comp, G=grab)	Matrix (W=water, S=solid, O=waste/oil, BT=Tissue, A=Air, DW=Drinking Water)	Field Filtered Sample (Yes or No)	Perform MS/MSD (Yes or No)	6020B, 7471B, 8081B, 8082A, 8270E	8260D TCL/Part 375 VOCs	1633 - Standard LIST OF 40	Total Number of containers	Special Ins
Preservation Code:					X	X	N	F	N		
59A_0-6	9/29/25	1130	C	Solid			X		X		1
59A_6-12		1135		Solid							2
59B_0-6		1140		Solid							3
59B_6-12		1145		Solid							4
59C_0-6		1150		Solid							5
59C_6-12		1155		Solid							6
59D_0-6		1200		Solid							7
59D_6-12		1205		Solid							8
59E_0-6		1210		Solid							9
59E_6-12		1215		Solid							10
59F_0-6		1220		Solid							11

460-335975 Chain of Custody

Possible Hazard Identification
☐ Non-Hazard ☐ Flammable ☐ Skin Irritant ☐ Poison B ☐ Unknown ☐ Radiological

Sample Disposal (A fee may be assessed if samples are retained longer than 1 month)
☐ Return To Client ☐ Disposal By Lab ☐ Archive For _____ Months

Deliverable Requested: I, II, III IV Other (specify)

Special Instructions/QC Requirements:

Empty Kit Relinquished by:	Date:	Time:	Method of Shipment:

	Relinquished by	Date/Time	Company	Received by	Date/Time	Company
1	Kassidy OConnor	9/29/25	HEA		9/29 15:00	ET
2		9/29 1530	ET		9/29 1530	EA
3						

Custody Seals Intact: Δ Yes Δ No | Custody Seal No.: N/A

Cooler Temperature(s) °C and Other Remarks: 1) 1.5/1.2 2) 1.5/1.2 3) 1.6/1.3 #9

Ver: 05/06/2024

Eurofins Edison
777 New Durham Road
Edison, NJ 08817
Phone (732) 549-3900 Phone (732) 549-3679

Chain of Custody Record

eurofins | Environment Testing

Client Information	Sampler: KRD	Lab PM: Flannery Elizabeth J	Carrier Tracking No(s):	COC No: 460-200410-131129.18
Client Contact: Sarah Commisso	Phone:	E-Mail: Elizabeth.Flannery@et.eurofinsus.com	State of Origin:	Page: Page ~~18 of 21~~ 2/8
Company: Haley & Aldrich, Inc.	PWSID:			Job #: 335975
Address: 213 West 35th Street, 7th Floor	Due Date Requested:			
City: New York	TAT Requested (days): 5-DAY			
State, Zip: NY 10001	Compliance Project: Δ Yes Δ No			
Phone:	PO #: 0213334 -001-002-03 ~~0208988-001-001-06~~			
Email: SCommisso@haleyaldrich.com	WO #: 4101 Arthur Kill Road, Staten Island, NY			
Project Name: 4101 Arthur Kill - Former Port Mobil	Project #: 46042832			
Site:	SSOW#:			

Analysis Requested

Preservation Codes: N None; F MeOH

Sample Identification	Sample Date	Sample Time	Sample Type (C=comp, G=grab)	Matrix (W=water, S=solid, O=waste/oil, BT=Tissue, A=Air, DW=Drinking Water)	Field Filtered Sample (Yes or No)	Perform MS/MSD (Yes or No)	6020B, 7471B, 8081B, 8082A, 8270E	8260D TCL/Part 375 VOCs	1033 Standard List of 41	Total Number of containers	Special Instructions/Note:
			Preservation Code:				N	F	N		
59F_6-12	9/29/25	1225	C	Solid			X		X		12
57A_0-4	"	1340	"	Solid			"		"		13
57A_4-8	"	1345	"	Solid			"		"		14
57B_0-4	"	1350	"	Solid			"		"		15
57B_4-8	"	1355	"	Solid			"		"		16
				Solid							
				Solid							
				Solid							
				Solid							
				Solid							
				Solid							

Possible Hazard Identification
☐ Non-Hazard ☐ Flammable ☐ Skin Irritant ☐ Poison B ☐ Unknown ☐ Radiological

Sample Disposal (A fee may be assessed if samples are retained longer than 1 month)
☐ Return To Client ☐ Disposal By Lab ☐ Archive For _____ Months

Deliverable Requested: I, II, III, IV Other (specify)

Special Instructions/QC Requirements:

Empty Kit Relinquished by:	Date:	Time:	Method of Shipment:

Relinquished by:	Date/Time:	Company	Received by:	Date/Time:	Company
Kassidy OConnor	9/29/25	H&A		9/29 15:00	ET
Relinquished by:	Date/Time: 9/29 15:30	Company ET	Received by:	Date/Time: 9/29 1530	Company ETA
Relinquished by:	Date/Time:	Company	Received by:	Date/Time:	Company

Custody Seals Intact: Δ Yes Δ No	Custody Seal No.	Cooler Temperature(s) °C and Other Remarks:
	NA	1) 1.5/1.2 2) 1.5/1.2 3) 1.6/1.3 #9

Ver: 05/06/2024

Eurofins Edison
777 New Durham Road
Edison, NJ 08817
Phone (732) 549-3900 Phone (732) 549-3679

Chain of Custody Record

eurofins | Environment Testing

Client Information	Sampler: KRO	Lab PM: Flannery, Elizabeth J	Carrier Tracking No(s):	COC No: 460-200410-131129.19
Client Contact: Sarah Commisso	Phone:	E-Mail: Elizabeth.Flannery@et.eurofinsus.com	State of Origin:	Page: Page ~~19 of 21~~ 3/8
Company: Haley & Aldrich, Inc.	PWSID:			Job #: 335975
Address: 213 West 35th Street, 7th Floor	Due Date Requested:			
City: New York	TAT Requested (days): 5-DAY			
State, Zip: NY 10001	Compliance Project: Δ Yes Δ No			
Phone:	PO #: 0213836-001-002-03 ~~0208988-001-001-06~~			
Email: SCommisso@haleyaldrich.com	WO #: 4101 Arthur Kill Road, Staten Island, NY			
Project Name: 4101 Arthur Kill - Former Port Mobil	Project #: 46042832			
Site:	SSOW#:			

Analysis Requested

Preservation Codes: N None; F MeOH; Other

Sample Identification	Sample Date	Sample Time	Sample Type (C=comp, G=grab)	Matrix (W=water, S=solid, O=waste/oil, BT=Tissue, A=Air, DW=Drinking Water)	Field Filtered Sample (Yes or No)	Perform MS/MSD (Yes or No)	6020B, 7471B, 8081B, 8082A, 8270E	8260D TCL/Part 375 VOCs	Total Number of containers	Special Instructions/Note:
			Preservation Code:				N	F		
59A1_0-1	9/29/25	800	G	Solid				X		A
59A2_2-3		805		Solid						
59A3_3-4		810		Solid						
59A1_4-5		815		Solid						
59A2_6-7		820		Solid						
59A3_8-9		825		Solid						
59A3_11-12		830		Solid						
59B1_1-2		835		Solid						
59B2_2-3		840		Solid						
59B3_4-5		845		Solid						
59B1_5-6		850		Solid						

Possible Hazard Identification
☐ Non-Hazard ☐ Flammable ☐ Skin Irritant ☐ Poison B ☐ Unknown ☐ Radiological

Sample Disposal (A fee may be assessed if samples are retained longer than 1 month)
☐ Return To Client ☐ Disposal By Lab ☐ Archive For _____ Months

Deliverable Requested: I, II, III, IV Other (specify)

Special Instructions/QC Requirements:

Empty Kit Relinquished by:	Date:	Time:	Method of Shipment:

Relinquished by:	Date/Time:	Company	Received by:	Date/Time:	Company
Kassidy O'Connor	9/29/25	H&A		9/29 1500	ET
Relinquished by:	Date/Time: 9/29 1530	Company ET	Received by:	Date/Time: 9/29 1530	Company ETN
Relinquished by:	Date/Time:	Company	Received by:	Date/Time:	Company

Custody Seals Intact: Δ Yes Δ No | Custody Seal No.: N/A

Cooler Temperature(s) °C and Other Remarks: 1) 1.5/1.2 2) 1.5/1.2 3) 1.6/1.3 #9

Ver 05/06/2024

Eurofins Edison
777 New Durham Road
Edison, NJ 08817
Phone (732) 549-3900 Phone (732) 549-3679

Chain of Custody Record

eurofins | Environment Testing

Client Information	Sampler: KRO	Lab PM: Flannery Elizabeth J	Carrier Tracking No(s):	COC No: 460-200410-131129.20
Client Contact: Sarah Commisso	Phone:	E-Mail: Elizabeth.Flannery@et.eurofinsus.com	State of Origin:	Page: Page ~~20 of 21~~ 4/8
Company: Haley & Aldrich, Inc.	PWSID:	Analysis Requested		Job #: 335975
Address: 213 West 35th Street, 7th Floor	Due Date Requested:			Preservation Codes: N None F MeOH
City: New York	TAT Requested (days): 5-DAY			
State, Zip: NY 10001	Compliance Project: Δ Yes Δ No			
Phone:	PO #: ~~0208988-001-001-06~~ 0213836 -001-002-03			
Email: SCommisso@haleyaldrich.com	WO #: 4101 Arthur Kill Road, Staten Island, NY			
Project Name: 4101 Arthur Kill - Former Port Mobil	Project #: 46042832			Other:
Site:	SSOW#:			

Sample Identification	Sample Date	Sample Time	Sample Type (C=comp, G=grab)	Matrix (W=water, S=solid, O=waste/oil, BT=Tissue, A=Air, DW=Drinking Water)	Field Filtered Sample (Yes or No)	Perform MS/MSD (Yes or No)	6020B, 7471B, 8081B, 8082A, 8270E	8260D TCL/Part 375 VOCs	Total Number of containers	Special Instructions/Note:
			Preservation Code:				N	F		
59B2_7-8	855	9/29/25	G	Solid				X		
59B3_8-9	900			Solid						
59B2_9-10	905			Solid						
59C1_1-2	910			Solid						
59C2_3-4	915			Solid						
59C3_4-5	920			Solid						
59C1_5-6	925			Solid						
59C2_6-7	930			Solid						
59C3_8-9	935			Solid						
59C1_9-10	940			Solid						
59D1_1-2	945			Solid						

Possible Hazard Identification
☐ Non-Hazard ☐ Flammable ☐ Skin Irritant ☐ Poison B ☐ Unknown ☐ Radiological

Sample Disposal (A fee may be assessed if samples are retained longer than 1 month)
☐ Return To Client ☐ Disposal By Lab ☐ Archive For _____ Months

Deliverable Requested: I, II, III IV Other (specify)

Special Instructions/QC Requirements:

Empty Kit Relinquished by:	Date:	Time:	Method of Shipment:

Relinquished by:	Date/Time:	Company	Received by:	Date/Time:	Company
Kassidy O'Connor	9/29/25	H&A		9/29 15:00	ET
Relinquished by:	Date/Time: 9/29 15:30	Company ET	Received by:	Date/Time: 9/29 1530	Company EA
Relinquished by:	Date/Time:	Company	Received by:	Date/Time:	Company

Custody Seals Intact: Δ Yes Δ No	Custody Seal No. N/A	Cooler Temperature(s) °C and Other Remarks: 1) 1.5/1.2 2) 1.5/1.2 3) 1.6/1.3 #9

Ver: 05/06/2024

Eurofins Edison
777 New Durham Road
Edison, NJ 08817
Phone (732) 549-3900 Phone (732) 549-3679

Chain of Custody Record

eurofins | Environment Testing

Client Information	Sampler: KRO	Lab PM: Flannery Elizabeth J	Carrier Tracking No(s):	COC No: 460-200410-131129.21
Client Contact: Sarah Commisso	Phone:	E-Mail: Elizabeth.Flannery@et.eurofinsus.com	State of Origin:	Page: Page ~~21 of 21~~ 5/8
Company: Haley & Aldrich, Inc.	PWSID:			Job #: 335975
Address: 213 West 35th Street, 7th Floor	Due Date Requested:			
City: New York	TAT Requested (days): 5-DAY			
State, Zip: NY 10001	Compliance Project: Δ Yes Δ No			
Phone:	PO #: ~~9208988-001-001-06~~ 82138536-001-002-03			
Email: SCommisso@haleyaldrich.com	WO #: 4101 Arthur Kill Road, Staten Island, NY			
Project Name: 4101 Arthur Kill - Former Port Mobil	Project #: 46042832			
Site:	SSOW#:			

Analysis Requested

Preservation Codes: N None; F MeOH

Sample Identification	Sample Date	Sample Time	Sample Type (C=Comp, G=grab)	Matrix (W=water, S=solid, O=waste/oil, BT=Tissue, A=Air, DW=Drinking Water)	Field Filtered Sample (Yes or No)	Perform MS/MSD (Yes or No)	6020B, 7471B, 8081B, 8082A, 8270E	8260D TCL/Part 375 VOCs	Total Number of containers	Special Instructions/Note:
			Preservation Code:				N	F		
59D2_2-3	9/29/25	950	G	Solid				X		
59D3_3-4		955		Solid						
59D1_6-7		1000		Solid						
59D2_7-8		1005		Solid						
59D3_8-9		1010		Solid						
59D2_11-12		1015								
59E1_1-2		1020								
~~E9~~ 59E2_2-3		1025								
59E3_4-5		1030								
59E1_10-7		1035								
59E2_8-9		1040								

Possible Hazard Identification
☐ Non-Hazard ☐ Flammable ☐ Skin Irritant ☐ Poison B ☐ Unknown ☐ Radiological

Sample Disposal (A fee may be assessed if samples are retained longer than 1 month)
☐ Return To Client ☐ Disposal By Lab ☐ Archive For _____ Months

Deliverable Requested: I, II, III, IV Other (specify)

Special Instructions/QC Requirements:

Empty Kit Relinquished by	Date:	Time:	Method of Shipment:

Relinquished by:	Date/Time:	Company	Received by:	Date/Time:	Company
Kassidy OConnor	9/29/25	H&A		9/29 1500	ET
Relinquished by:	Date/Time: 9/29 1530	Company ET	Received by:	Date/Time: 9/29 1530	Company
Relinquished by:	Date/Time:	Company	Received by:	Date/Time:	Company

Custody Seals Intact: Δ Yes Δ No	Custody Seal No.: N/A	Cooler Temperature(s) °C and Other Remarks: 1) 1.5/1.2 2) 1.5/1.2 3) 1.6/1.3 #9

Ver: 05/06/2024

Eurofins Edison
777 New Durham Road
Edison NJ 08817
Phone: 732-549-3900 Fax: 732-549-3679

Chain of Custody Record

eurofins | Environment Testing

Client Information	Sampler: KRD	Lab PM: Flannery Elizabeth J	Carrier Tracking No(s):	COC No: 460-200645-131312.1
Client Contact: Sarah Commisso	Phone:	E-Mail: Elizabeth.Flannery@et.eurofinsus.com	State of Origin:	Page: ~~Page 1 of 2~~ 6 of 8
Company: Haley & Aldrich, Inc.	PWSID:			Job #: 335975
Address: 213 West 35th Street, 7th Floor	Due Date Requested:			
City: New York	TAT Requested (days):			
State, Zip: NY 10001	Compliance Project: Δ Yes Δ No			
Phone:	PO #: 0213836-001-002-03 ~~0208988-001-001-06~~			
Email: SCommisso@haleyaldrich.com	WO #: 4101 Arthur Kill Road, Staten Island, NY			
Project Name: 4101 Arthur Kill Former Port Mobil	Project #: 46042832			
Site:	SSOW#:			

Analysis Requested

Preservation Codes: N None; F MeOH; Other

Sample Identification	Sample Date	Sample Time	Sample Type (C=comp, G=grab)	Matrix (W=water, S=solid, O=waste/oil, BT=Tissue, A=Air, DW=Drinking Water)	Field Filtered Sample (Yes or No)	Perform MS/MSD (Yes or No)	6020B, 7471B, 8081B, 8082A, 8270E	8260D TCL/Part 375 VOCs	Total Number of containers	Special Instructions/Note:
			Preservation Code:				N	F		
59E3_9-10	9/29/25	1045	G	Solid				X		
59E1_11-12		1050		Solid						
59F1_1-2		1055		Solid						
59F2_3-4		1100		Solid						
59F3_4-5		1105		Solid						
59F1_5-6		1110		Solid						
59F2_7-8		1115		Solid						
59F3_9-10		1120		Solid						
59F1_11-12		1125		Solid						
57A1_1-2		1230		Solid						
57A2_2-3		1235		Solid						

Possible Hazard Identification
☐ Non-Hazard ☐ Flammable ☐ Skin Irritant ☐ Poison B ☐ Unknown ☐ Radiological

Sample Disposal (A fee may be assessed if samples are retained longer than 1 month)
☐ Return To Client ☐ Disposal By Lab ☐ Archive For _____ Months

Deliverable Requested: I, II III, IV Other (specify)

Special Instructions/QC Requirements:

Empty Kit Relinquished by:	Date:	Time:	Method of Shipment:

	Relinquished by:	Date/Time:	Company	Received by:	Date/Time:	Company
1	Kassidy Clonnor	9/29/25	MHA		9/29 1500	EET
2		9/29 1530	EET		9/29 1530	
3						

Custody Seals Intact: Δ Yes Δ No | Custody Seal No.: NA

Cooler Temperature(s) °C and Other Remarks: 1) 1.5 (1.2 2) 1.5 (1.2 3) 1.6 1.3 #9

Eurofins Edison
777 New Durham Road
Edison, NJ 08817
Phone: 732-549-3900 Fax: 732-549-3679

Chain of Custody Record

eurofins | Environment Testing

Client Information	Sampler: KRD	Lab PM: Flannery Elizabeth J	Carrier Tracking No(s):	COC No: 460-200645-131312.2
Client Contact: Sarah Commisso	Phone:	E-Mail: Elizabeth.Flannery@et.eurofinsus.com	State of Origin:	Page: ~~Page 2 of 21~~ 7/8
Company: Haley & Aldrich, Inc.	PWSID:			Job #: 335915
Address: 213 West 35th Street, 7th Floor	Due Date Requested:			
City: New York	TAT Requested (days): 5-DAY			
State, Zip: NY 10001	Compliance Project: Δ Yes Δ No			
Phone:	PO #: ~~0208988-001-001-06~~ 0213536-001-002-03			
Email: SCommisso@haleyaldrich.com	WO #: 4101 Arthur Kill Road, Staten Island, NY			
Project Name: 4101 Arthur Kill Former Port Mobil	Project #: 46042832			
Site:	SSOW#:			

Analysis Requested

Preservation Codes: N None; F MeOH

Sample Identification	Sample Date	Sample Time	Sample Type (C=Comp, G=grab)	Matrix (W=water, S=solid, O=waste/oil, BT=Tissue, A=Air, DW=Drinking Water)	Field Filtered Sample (Yes or No)	Perform MS/MSD (Yes or No)	6020B, 7471B, 8081B, 8082A, 8270E	8260D TCL/Part 375 VOCs	Total Number of containers	Special Instructions/Note:
			Preservation Code:				N	F		
57A3_3-4	1240	9/29/25	G	Solid				X		
57A1_4-5	1245			Solid						
57A2_6-7	1250			Solid						
57A3_5-6	1255			Solid						
57A3_7-8	1300			Solid						
57B1_1-2	1305			Solid						
57B2_2-3	1310			Solid						
57B3_3-4	1315			Solid						
57B1_4-5	1320			Solid						
57B2_5-6	1325			Solid						
57B3_6-7	1330			Solid						

Possible Hazard Identification
☐ Non-Hazard ☐ Flammable ☐ Skin Irritant ☐ Poison B ☐ Unknown ☐ Radiological

Sample Disposal (A fee may be assessed if samples are retained longer than 1 month)
☐ Return To Client ☐ Disposal By Lab ☐ Archive For _____ Months

Deliverable Requested: I, II III, IV Other (specify)

Special Instructions/QC Requirements:

Empty Kit Relinquished by:	Date:	Time:	Method of Shipment:

Relinquished by:	Date/Time:	Company	Received by:	Date/Time:	Company
Kassidy Donnor	9/29/25	M&A		9/29 15:00	ET
	9/29 15:30	ET		9/29 1530	ET

Custody Seals Intact: Δ Yes Δ No	Custody Seal No.	Cooler Temperature(s) °C and Other Remarks:
	NH	1) 1.5 | 1.2 2) 1.5 | 1.2 3) 1.6 | 1.3 #9

Ver 10/10/2024

Eurofins Edison
777 New Durham Road
Edison, NJ 08817
Phone: 732-549-3900 Fax: 732-549-3679

Chain of Custody Record

eurofins | Environment Testing

Client Information	Sampler: KRO	Lab PM: Flannery Elizabeth J	Carrier Tracking No(s):	COC No: 460-200645-131312.3
Client Contact: Sarah Commisso	Phone:	E-Mail: Elizabeth.Flannery@et.eurofinsus.com	State of Origin:	Page: ~~Page 3 of 21~~ 8/8
Company: Haley & Aldrich, Inc.	PWSID:			Job #: 335975
Address: 213 West 35th Street, 7th Floor	Due Date Requested:			
City: New York	TAT Requested (days): 5-DAY			
State, Zip: NY 10001	Compliance Project: Δ Yes Δ No			
Phone:	PO #: 02138310-001-002-03 ~~9208988-001-001-06~~			
Email: SCommisso@haleyaldrich.com	WO #: 4101 Arthur Kill Road, Staten Island, NY			
Project Name: 4101 Arthur Kill Former Port Mobil	Project #: 46042832			
Site:	SSOW#:			

Analysis Requested

Sample Identification	Sample Date	Sample Time	Sample Type (C=Comp, G=grab)	Matrix (W=water, S=solid, O=waste/oil, BT=Tissue, A=Air, DW=Drinking Water)	Field Filtered Sample (Yes or No)	Perform MS/MSD (Yes or No)	6020B, 7471B, 8081B, 8082A, 8270E	8260D TCLPart 375 VOCs	Total Number of containers	Special Instructions/Note:
Preservation Code:							N	F		
57B1_7-8	9/29/25	1335	G	Solid				X		
				Solid						
				Solid						
				Solid						
				Solid						
				Solid						
				Solid						
				Solid						
				Solid						
				Solid						
				Solid						

Preservation Codes: N None; F MeOH; Other

Possible Hazard Identification
☐ Non-Hazard ☐ Flammable ☐ Skin Irritant ☐ Poison B ☐ Unknown ☐ Radiological

Sample Disposal (A fee may be assessed if samples are retained longer than 1 month)
☐ Return To Client ☐ Disposal By Lab ☐ Archive For _____ Months

Deliverable Requested: I, II, III, IV Other (specify)

Special Instructions/QC Requirements:

Empty Kit Relinquished by:	Date:	Time:	Method of Shipment:

	Relinquished by:	Date/Time:	Company	Received by:	Date/Time:	Company
1	~~Kassidy~~ Connor	9/29/25	HAA		9/29 1500	ET
2		9/29 15:30	ET		9/29 1530	FTT
3						

Custody Seals Intact: Δ Yes Δ No | Custody Seal No.: N/A

Cooler Temperature(s) °C and Other Remarks: 1) 1.5 | 1.2 2) 1.5 | 1.2 3) 1.6 | 1.3 #9

Ver: 10/10/2024

Eurofins TestAmerica Edison
Receipt Temperature and pH Log

Job Number: 335975

Number of Coolers: 3

IR Gun # 9

Cooler Temperatures

	RAW	CORRECTED		RAW	CORRECTED		RAW	CORRECTED
Cooler #1:	1.3 °C	1.2 °C	Cooler #4:	°C	°C	Cooler #7:	°C	°C
Cooler #2:	1.5 °C	1.2 °C	Cooler #5:	°C	°C	Cooler #8:	°C	°C
Cooler #3:	1.6 °C	1.3 °C	Cooler #6:	°C	°C	Cooler #9:	°C	°C

TALS Sample Number	Ammonia (pH<2)	COD (pH<2)	Nitrate Nitrite (pH<2)	Metals* (pH<2)	Hardness (pH<2)	Pest (pH 5-9)	EPH or QAM (pH<2)	Phenols (pH<2)	Sulfide (pH>9)	TKN (pH<2)	TOC (pH<2)	Total Cyanide (pH>12)	Total Phos (pH<2)	Other	Other

If pH adjustments are required record the information below*

Sample No(s). adjusted. _____

Preservative Name/Conc. _____ Volume of Preservative used (ml) _____

Lot # of Preservative(s): _____ Expiration Date: _____

The appropriate Project Manager and Department Manager should be notified about the samples which were pH adjusted.

** Samples for Metal analysis which are out of compliance must be acidified at least 24 hours prior to analysis.*

Initials: _____ Date. 9/29/25

Eurofins Edison
777 New Durham Road
Edison, NJ 08817
Phone: 732-549-3900 Fax: 732-549-3679

Chain of Custody Record

eurofins | Environment Testing

Client Information (Sub Contract Lab)	Sampler: N/A	Lab PM: Flannery, Elizabeth J	Carrier Tracking No(s): N/A	COC No: 460-75520.1
Client Contact: Shipping/Receiving	Phone: N/A	E-Mail: Elizabeth.Flannery@et.eurofinsus.com	State of Origin: New York	Page: Page 1 of 2
Company: Eurofins Lancaster Laboratories Environm		Accreditations Required (See note): NELAP - New York		Job #: 460-335975-1
Address: 2425 New Holland Pike, ,	Due Date Requested: 10/6/2025			Preservation Codes: -
City: Lancaster	TAT Requested (days): N/A			
State, Zip: PA, 17601				
Phone: 717-656-2300(Tel)	PO #: N/A			
Email: N/A	WO #: N/A			
Project Name: Former Port Mobil	Project #: 46042832			
Site: N/A	SSOW#: N/A			Other: N/A

Sample Identification - Client ID (Lab ID)	Sample Date	Sample Time	Sample Type (C=Comp, G=grab)	Matrix (W=water, S=solid, O=waste/oil, BT=Tissue, A=Air)	Field Filtered Sample (Yes or No)	Perform MS/MSD (Yes or No)	1633A/1633A_Shake1633 Standard List 40	Total Number of containers	Special Instructions/Note:
			Preservation Code:						
59A_0-6 (460-335975-1)	9/29/25	11:30 Eastern	G	Solid			X	1	
59A_6-12 (460-335975-2)	9/29/25	11:35 Eastern	G	Solid			X	1	
59B_0-6 (460-335975-3)	9/29/25	11:40 Eastern	G	Solid			X	1	
59B_6-12 (460-335975-4)	9/29/25	11:45 Eastern	G	Solid			X	1	
59C_0-6 (460-335975-5)	9/29/25	11:50 Eastern	G	Solid			X	1	
59C_6-12 (460-335975-6)	9/29/25	11:55 Eastern	G	Solid			X	1	
59D_0-6 (460-335975-7)	9/29/25	12:00 Eastern	G	Solid			X	1	
59D_6-12 (460-335975-8)	9/29/25	12:05 Eastern	G	Solid			X	1	
59E_0-6 (460-335975-9)	9/29/25	12:10 Eastern	G	Solid			X	1	

Note: Since laboratory accreditations are subject to change, Eurofins Environment Testing Northeast, LLC places the ownership of method, analyte & accreditation compliance upon our subcontract laboratories. This sample shipment is forwarded under chain-of-custody. If the laboratory does not currently maintain accreditation in the State of Origin listed above for analysis/tests/matrix being analyzed, the samples must be shipped back to the Eurofins Environment Testing Northeast, LLC laboratory or other instructions will be provided. Any changes to accreditation status should be brought to Eurofins Environment Testing Northeast, LLC attention immediately. If all requested accreditations are current to date, return the signed Chain of Custody attesting to said compliance to Eurofins Environment Testing Northeast, LLC.

Possible Hazard Identification	Sample Disposal (A fee may be assessed if samples are retained longer than 1 month)
Unconfirmed	☐ Return To Client ☐ Disposal By Lab ☐ Archive For ____ Months
Deliverable Requested: I, II, III, IV, Other (specify) Primary Deliverable Rank: 1	Special Instructions/QC Requirements:

Empty Kit Relinquished by:	Date:	Time:	Method of Shipment:

	Relinquished by:	Date/Time:	Company	Received by:	Date/Time:	Company
1		10/1/25 1642	ET		10/1/25 1642	ET
2	Relinquished by:	Date/Time: 10/1/25 2007	Company ET	Received by:	Date/Time:	Company
3	Relinquished by:	Date/Time:	Company	Received by:	Date/Time: 10-1-25 2007	Company ET

Custody Seals Intact: Δ Yes Δ No	Custody Seal No.:	Cooler Temperature(s) °C and Other Remarks: R 3.2 - 3.5 C 3.1 - 3.4

Ver: 10/10/2024

Eurofins Edison
777 New Durham Road
Edison, NJ 08817
Phone: 732-549-3900 Fax: 732-549-3679

Chain of Custody Record

eurofins | Environment Testing

Client Information (Sub Contract Lab)	Sampler: N/A	Lab PM: Flannery, Elizabeth J	Carrier Tracking No(s): N/A	COC No: 460-75520.2
Client Contact: Shipping/Receiving	Phone: N/A	E-Mail: Elizabeth.Flannery@et.eurofinsus.com	State of Origin: New York	Page: Page 2 of 2
Company: Eurofins Lancaster Laboratories Environm		Accreditations Required (See note): NELAP - New York		Job #: 460-335975-1
Address: 2425 New Holland Pike, ,	Due Date Requested: 10/6/2025			Preservation Codes: -
City: Lancaster	TAT Requested (days): N/A			
State, Zip: PA, 17601				
Phone: 717-656-2300(Tel)	PO #: N/A			
Email: N/A	WO #: N/A			
Project Name: Former Port Mobil	Project #: 46042832			
Site: N/A	SSOW#: N/A			Other: N/A

Analysis Requested

Sample Identification - Client ID (Lab ID)	Sample Date	Sample Time	Sample Type (C=comp, G=grab)	Matrix (W=water, S=solid, O=waste/oil, BT=Tissue, A=Air)	Field Filtered Sample (Yes or No)	Perform MS/MSD (Yes or No)	1633A/1633A_Shake1633 Standard List 40	Total Number of containers	Special Instructions/Note:
			Preservation Code:						
59E_6-12 (460-335975-10)	9/29/25	12:15 Eastern	G	Solid			X	1	
59F_0-6 (460-335975-11)	9/29/25	12:20 Eastern	G	Solid			X	1	
59F_6-12 (460-335975-12)	9/29/25	12:25 Eastern	G	Solid			X	1	
57A_0-4 (460-335975-13)	9/29/25	13:40 Eastern	G	Solid			X	1	
57A_4-8 (460-335975-14)	9/29/25	13:45 Eastern	G	Solid			X	1	
57B_0-4 (460-335975-15)	9/29/25	13:50 Eastern	G	Solid			X	1	
57B_4-8 (460-335975-16)	9/29/25	13:55 Eastern	G	Solid			X	1	

Note: Since laboratory accreditations are subject to change, Eurofins Environment Testing Northeast, LLC places the ownership of method, analyte & accreditation compliance upon our subcontract laboratories. This sample shipment is forwarded under chain-of-custody. If the laboratory does not currently maintain accreditation in the State of Origin listed above for analysis/tests/matrix being analyzed, the samples must be shipped back to the Eurofins Environment Testing Northeast, LLC laboratory or other instructions will be provided. Any changes to accreditation status should be brought to Eurofins Environment Testing Northeast, LLC attention immediately. If all requested accreditations are current to date, return the signed Chain of Custody attesting to said compliance to Eurofins Environment Testing Northeast, LLC.

Possible Hazard Identification	*Sample Disposal (A fee may be assessed if samples are retained longer than 1 month)*
Unconfirmed	☐ *Return To Client* ☐ *Disposal By Lab* ☐ *Archive For* _____ *Months*
Deliverable Requested: I, II, III, IV, Other (specify) Primary Deliverable Rank: 1	Special Instructions/QC Requirements:

Empty Kit Relinquished by:	Date:	Time:	Method of Shipment:

	Relinquished by:	Date/Time:	Company	Received by:	Date/Time:	Company
1	[signature]	10/1/25 1642	ET	[signature]	10/1/25 1642	ET
2	[signature]	10/1/25 2007	ET	[signature]		
3				[signature]	10-1-25 2007	

Custody Seals Intact: ∆ Yes ∆ No	Custody Seal No.:	Cooler Temperature(s) °C and Other Remarks: R3 2-3.5 C 1.1-3.4

Login Sample Receipt Checklist

Client: Haley & Aldrich, Inc.

Job Number: 460-335975-1

Login Number: 335975
List Number: 1
Creator: Thundathorn, Sukanan 1

List Source: Eurofins Edison

Question	Answer	Comment
Radioactivity wasn't checked or is </= background as measured by a survey meter.	N/A	
The cooler's custody seal, if present, is intact.	True	
Sample custody seals, if present, are intact.	True	
The cooler or samples do not appear to have been compromised or tampered with.	True	
Samples were received on ice.	True	
Cooler Temperature is acceptable.	True	
Cooler Temperature is recorded.	True	
COC is present.	True	
COC is filled out in ink and legible.	True	
COC is filled out with all pertinent information.	True	
Is the Field Sampler's name present on COC?	True	
There are no discrepancies between the containers received and the COC.	True	
Samples are received within Holding Time (excluding tests with immediate HTs)	True	
Sample containers have legible labels.	True	
Containers are not broken or leaking.	True	
Sample collection date/times are provided.	True	
Appropriate sample containers are used.	True	
Sample bottles are completely filled.	True	
Sample Preservation Verified.	True	
There is sufficient vol. for all requested analyses, incl. any requested MS/MSDs	True	
Containers requiring zero headspace have no headspace or bubble is <6mm (1/4").	True	
Multiphasic samples are not present.	True	
Samples do not require splitting or compositing.	True	
Residual Chlorine Checked.	N/A	

Login Sample Receipt Checklist

Client: Haley & Aldrich, Inc.

Job Number: 460-335975-1

Login Number: 335975
List Number: 2
Creator: Kanagy, Nicholas

List Source: Eurofins Lancaster Laboratories Environment Testing, LLC
List Creation: 10/01/25 11:36 PM

Question	Answer	Comment
The cooler's custody seal is intact.	N/A	
The cooler or samples do not appear to have been compromised or tampered with.	True	
Samples were received on ice.	True	
Cooler Temperature acceptable,where thermal pres is required(</=6C, not frozen).	True	
Cooler Temperature is recorded.	True	
WV:Container Temp acceptable,where thermal pres is required (</=6C, not frozen).	N/A	
WV: Container Temperature is recorded.	N/A	
COC is present.	True	
COC is filled out in ink and legible.	True	
COC is filled out with all pertinent information.	True	
There are no discrepancies between the containers received and the COC.	True	
Sample containers have legible labels.	True	
Containers are not broken or leaking.	True	
Sample collection date/times are provided.	True	
Appropriate sample containers are used.	True	
Sample bottles are completely filled.	True	
There is sufficient vol. for all requested analyses.	True	
Is the Field Sampler's name present on COC?	False	Received project as a subcontract.
Sample custody seals are intact.	N/A	
VOA sample vials do not have headspace >6mm in diameter (none, if from WV)?	N/A	

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ANALYTICAL REPORT

PREPARED FOR

Attn: Sarah Commisso
Haley & Aldrich, Inc.
213 West 35th Street, 7th Floor
New York, New York 10001

Generated 10/9/2025 3:41:35 PM

JOB DESCRIPTION

Former Port Mobil

JOB NUMBER

460-336081-1

Eurofins Edison
777 New Durham Road
Edison NJ 08817

See page two for job notes and contact information.

my EOL

Eurofins Edison

Job Notes

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The test results in this report relate only to the samples as received by the laboratory and will meet all requirements of the methodology, with any exceptions noted. This report shall not be reproduced except in full, without the express written approval of the laboratory. All questions should be directed to the Eurofins Environment Testing Northeast, LLC Project Manager.

Compliance Statement

I certify that this data package is in compliance with the terms and conditions of the contract, both technically and for completeness, for other than the conditions detailed within the body of this report. Release of the data contained in this sample data package and in the electronic data deliverable has been authorized by the Laboratory Manager or his/her designee, as verified by the following signature.

Authorization

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Authorized for release by
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Definitions/Glossary

Client: Haley & Aldrich, Inc.
Project/Site: Former Port Mobil

Job ID: 460-336081-1

Qualifiers

GC/MS VOA

Qualifier	Qualifier Description
*	LCS or LCSD is outside acceptance limits.
J	Indicates an estimated value.
U	Analyzed for but not detected.

GC/MS Semi VOA

Qualifier	Qualifier Description
E	Compound concentration exceeds the upper level of the calibration range of the instrument for that specific analysis.
U	Analyzed for but not detected.

GC Semi VOA

Qualifier	Qualifier Description
*	Surrogate is outside acceptance limits.
U	Analyzed for but not detected.

LCMS

Qualifier	Qualifier Description
*	Isotope Dilution analyte is outside acceptance limits.
J	Indicates an estimated value.
U	Analyzed for but not detected.

Metals

Qualifier	Qualifier Description
*	Duplicate analysis not within control limits.
4	MS, MSD: The analyte present in the original sample is greater than 4 times the matrix spike concentration; therefore, control limits are not applicable.
J	Sample result is greater than the MDL but below the CRDL
N	Spiked sample recovery is not within control limits.
U	Indicates analyzed for but not detected.

General Chemistry

Qualifier	Qualifier Description
U	Indicates analyzed for but not detected.

Glossary

Abbreviation	These commonly used abbreviations may or may not be present in this report.
☼	Listed under the "D" column to designate that the result is reported on a dry weight basis
%R	Percent Recovery
CFL	Contains Free Liquid
CFU	Colony Forming Unit
CNF	Contains No Free Liquid
DER	Duplicate Error Ratio (normalized absolute difference)
Dil Fac	Dilution Factor
DL	Detection Limit (DoD/DOE)
DL, RA, RE, IN	Indicates a Dilution, Re-analysis, Re-extraction, or additional Initial metals/anion analysis of the sample
DLC	Decision Level Concentration (Radiochemistry)
EDL	Estimated Detection Limit (Dioxin)
LOD	Limit of Detection (DoD/DOE)
LOQ	Limit of Quantitation (DoD/DOE)
MCL	EPA recommended "Maximum Contaminant Level"
MDA	Minimum Detectable Activity (Radiochemistry)
MDC	Minimum Detectable Concentration (Radiochemistry)
MDL	Method Detection Limit
ML	Minimum Level (Dioxin)
MPN	Most Probable Number
MQL	Method Quantitation Limit
NC	Not Calculated

Glossary (Continued)

Abbreviation	These commonly used abbreviations may or may not be present in this report.
ND	Not Detected at the reporting limit (or MDL or EDL if shown)
NEG	Negative / Absent
POS	Positive / Present
PQL	Practical Quantitation Limit
PRES	Presumptive
QC	Quality Control
RER	Relative Error Ratio (Radiochemistry)
RL	Reporting Limit or Requested Limit (Radiochemistry)
RPD	Relative Percent Difference, a measure of the relative difference between two points
TEF	Toxicity Equivalent Factor (Dioxin)
TEQ	Toxicity Equivalent Quotient (Dioxin)
TNTC	Too Numerous To Count

Job Narrative
460-336081-1

The analytical test results presented in this report meet all requirements of the associated regulatory program listed on the Accreditation/Certification Summary Page, unless otherwise noted. Data qualifiers and/or narrative comments are included to explain any exceptions, if applicable. Regulated compliance samples (e.g. SDWA, NPDES) must comply with associated agency requirements/permits.

- Matrix-specific batch QC (e.g., MS, MSD, SD) may not be reported when insufficient sample volume is available or when site-specific QC samples are not submitted. In such cases, a Laboratory Control Sample Duplicate (LCSD) may be analyzed to provide precision data for the batch.
- For samples analyzed using surrogate and/or isotope dilution analytes, any recoveries falling outside of established acceptance criteria are re-prepared and/or re-analyzed to confirm results, unless the deviation is due to sample dilution or otherwise explained in the case narrative.

Receipt
The samples were received on 9/30/2025 4:15 PM. Unless otherwise noted below, the samples arrived in good condition, and, where required, properly preserved and on ice. The temperatures of the 2 coolers at receipt time were 1.4°C and 1.5°C.

Method 8260D - Volatile Organic Compounds by GC/MS
Samples 55A1_0-1 (460-336081-15), 55A2_1-2 (460-336081-16), 55A3_2-3 (460-336081-17), 55A1_3-4 (460-336081-18), 55A2_4-5 (460-336081-19), 55A3_5-6 (460-336081-20), 55A3_4-5 (460-336081-21), 55B1_1-2 (460-336081-22), 55B2_2-3 (460-336081-23), 55B3_3-4 (460-336081-24), 55B1_3-4 (460-336081-25), 55B2_4-5 (460-336081-26), 55B3_4-5 (460-336081-27), 55B1_5-6 (460-336081-28), 55C1_1-2 (460-336081-29), 55C2_1-2 (460-336081-30), 55C3_2-3 (460-336081-31), 55C1_3-4 (460-336081-32), 55C2_3-4 (460-336081-33), 55C3_4-5 (460-336081-34), 55C1_5-6 (460-336081-35), 56A1_1-2 (460-336081-36), 56A2_2-3 (460-336081-37), 56A3_2-3 (460-336081-38), 56A1_3-4 (460-336081-39), 56A2_4-5 (460-336081-40), 56A3_4-5 (460-336081-41), 56A1_5-6 (460-336081-42), 56B1_1-2 (460-336081-43), 56B2_2-3 (460-336081-44), 56B3_3-4 (460-336081-45), 56B1_3-4 (460-336081-46), 56B2_4-5 (460-336081-47), 56B3_5-6 (460-336081-48), 56B1_5-6 (460-336081-49), 56C1_1-2 (460-336081-50), 56C2_2-3 (460-336081-51), 56C3_3-4 (460-336081-52), 56C1_3-4 (460-336081-53), 56C2_4-5 (460-336081-54), 56C3_5-6 (460-336081-55), 56C2_5-6 (460-336081-56), 56D1_1-2 (460-336081-57), 56D2_1-2 (460-336081-58), 56D3_2-3 (460-336081-59), 56D1_3-4 (460-336081-60), 56D2_4-5 (460-336081-61), 56D3_4-5 (460-336081-62) and 56D1_5-6 (460-336081-63) were analyzed for Volatile Organic Compounds by GC/MS. The samples were prepared on 10/3/2025 and analyzed on 10/4/2025, 10/5/2025 and 10/6/2025.

The continuing calibration verification (CCV) analyzed in batch 460-1065886 was outside the method criteria for the following analyte: Chloromethane. A CCV standard at or below the reporting limit (RL) was analyzed with the affected samples and found to be acceptable. As indicated in the reference method, sample analysis may proceed; however, any detection for the affected analyte is considered estimated.

The continuing calibration verification (CCV) associated with batch 460-1066018 recovered above the upper control limit for Dichlorodifluoromethane and Vinyl chloride. The samples associated with this CCV were non-detects for the affected analytes; therefore, the data have been reported.

The laboratory control sample (LCS) and / or laboratory control sample duplicate (LCSD) for analytical batch 460-1066018 recovered outside control limits for the following analytes: Methyl acetate and Vinyl chloride. These analytes were biased high in the LCS/LCSD and were not detected in the associated samples; therefore, the data have been reported.

Method 8270E - Semivolatile Organic Compounds (GC/MS)
Samples 55A_0-3 (460-336081-1), 55A_3-6 (460-336081-2), 55B_0-3 (460-336081-3), 55B_3-6 (460-336081-4), 55C_0-3 (460-336081-5), 55C_3-6 (460-336081-6), 56A_0-3 (460-336081-7), 56A_3-6 (460-336081-8), 56B_0-3 (460-336081-9), 56B_3-6 (460-336081-10), 56C_0-3 (460-336081-11), 56C_3-6 (460-336081-12), 56D_0-3 (460-336081-13) and 56D_3-6 (460-336081-14) were analyzed for Semivolatile Organic Compounds (GC/MS). The samples were prepared on 10/1/2025 and analyzed on 10/2/2025.

The continuing calibration verification (CCV) analyzed in batch 460-1065264 was outside the method criteria for the following analyte(s): Benzaldehyde. A CCV standard at or below the reporting limit (RL) was analyzed with the affected samples and found to be acceptable. As indicated in the reference method, sample analysis may proceed; however, any detection for the affected analyte(s) is considered estimated.

Method 8082A - Polychlorinated Biphenyls (PCBs) by Gas Chromatography
Samples 55A_0-3 (460-336081-1), 55A_3-6 (460-336081-2), 55B_0-3 (460-336081-3), 55B_3-6 (460-336081-4), 55C_0-3 (460-336081-5), 55C_3-6 (460-336081-6), 56A_0-3 (460-336081-7), 56A_3-6 (460-336081-8), 56B_0-3 (460-336081-9), 56B_3-6 (460-336081-10), 56C_0-3 (460-336081-11), 56C_3-6 (460-336081-12), 56D_0-3 (460-336081-13) and 56D_3-6 (460-336081-14) were analyzed for Polychlorinated Biphenyls (PCBs) by Gas Chromatography. The samples were prepared on 10/1/2025 and analyzed on 10/2/2025.

DCB Decachlorobiphenyl and Tetrachloro-m-xylene Surrogate recoveries for the following samples were outside the upper control limit: 55A_3-6 (460-336081-2), 55B_0-3 (460-336081-3), 55B_3-6 (460-336081-4), 55C_0-3 (460-336081-5), 55C_3-6 (460-336081-6), 56A_3-6 (460-336081-8), 56B_0-3 (460-336081-9) and 56B_3-6 (460-336081-10). This sample did not contain any target analytes; therefore, re-extraction and/or re-analysis was not performed.

Method 8081B - Organochlorine Pesticides (GC)
Samples 55A_0-3 (460-336081-1), 55A_3-6 (460-336081-2), 55B_0-3 (460-336081-3), 55B_3-6 (460-336081-4), 55C_0-3 (460-336081-5), 55C_3-6 (460-336081-6), 56A_0-3 (460-336081-7), 56A_3-6 (460-336081-8), 56B_0-3 (460-336081-9), 56B_3-6 (460-336081-10), 56C_0-3 (460-336081-11), 56C_3-6 (460-336081-12), 56D_0-3 (460-336081-13) and 56D_3-6 (460-336081-14) were analyzed for Organochlorine Pesticides (GC). The samples were prepared on 10/1/2025 and analyzed on 10/2/2025.

Method 1633A - Per- and Polyfluoroalkyl Substances by LC/MS/MS, 1633A
Samples 55A_0-3 (460-336081-1), 55A_3-6 (460-336081-2), 55B_0-3 (460-336081-3), 55B_3-6 (460-336081-4), 55C_0-3 (460-336081-5), 55C_3-6 (460-336081-6), 56A_0-3 (460-336081-7), 56A_3-6 (460-336081-8), 56B_0-3 (460-336081-9), 56B_3-6 (460-336081-10), 56C_0-3 (460-336081-11), 56C_3-6 (460-336081-12), 56D_0-3 (460-336081-13) and 56D_3-6 (460-336081-14) were analyzed for Per- and Polyfluoroalkyl Substances by LC/MS/MS, 1633A. The samples were prepared on 10/6/2025 and analyzed on 10/6/2025 and 10/7/2025.

The labeled isotopes 13C2 4:2 FTS are outside QC acceptance limits. Since the recovery in sample 55A_0-3 (460-336081-1) is less than 350%, the data is reported.

The labeled isotopes 13C2 4:2 FTS are outside QC acceptance limits. Since the recovery in sample 55A_3-6 (460-336081-2) is less than 350%, the data is reported.

The labeled isotopes 13C2 4:2 FTS are outside QC acceptance limits. Since the recovery in sample 55B_3-6 (460-336081-4) is less than 350%, the data is reported.

Analyte Perfluorononanoic acid (PFNA) was marked as non-detect for sample 55C_0-3 (460-336081-5) due to a detection below RL and failing ion ratio.

Analyte Perfluorooctanoic acid (PFOA) was marked as non-detect for sample 56A_0-3 (460-336081-7) due to a detection below RL and failing ion ratio.

Analyte Perfluorononanoic acid (PFNA) was marked as non-detect for sample 56A_0-3 (460-336081-7) due to a detection below RL and failing ion ratio.

Analyte Perfluorononanoic acid (PFNA) was marked as non-detect for sample 56A_3-6 (460-336081-8) due to a detection below RL and failing ion ratio.

Method 6020B - Metals (ICP/MS)
Samples 55A_0-3 (460-336081-1), 55A_3-6 (460-336081-2), 55B_0-3 (460-336081-3), 55B_3-6 (460-336081-4), 55C_0-3 (460-336081-5), 55C_3-6 (460-336081-6), 56A_0-3 (460-336081-7), 56A_3-6 (460-336081-8), 56B_0-3 (460-336081-9), 56B_3-6 (460-336081-10), 56C_0-3 (460-336081-11), 56C_3-6 (460-336081-12), 56D_0-3 (460-336081-13) and 56D_3-6 (460-336081-14) were analyzed for Metals (ICP/MS). The samples were prepared and analyzed on 10/6/2025.

Method 7471B - Mercury (CVAA)
Samples 55A_0-3 (460-336081-1), 55A_3-6 (460-336081-2), 55B_0-3 (460-336081-3), 55B_3-6 (460-336081-4), 55C_0-3 (460-336081-5), 55C_3-6 (460-336081-6), 56A_0-3 (460-336081-7), 56A_3-6 (460-336081-8), 56B_0-3 (460-336081-9), 56B_3-6 (460-336081-10), 56C_0-3 (460-336081-11), 56C_3-6 (460-336081-12), 56D_0-3 (460-336081-13) and 56D_3-6 (460-336081-14) were analyzed for Mercury (CVAA). The samples were prepared and analyzed on 10/6/2025.

Method Moisture - Percent Moisture

Job ID: 460-336081-1 (Continued)

Samples 55A_0-3 (460-336081-1), 55A_3-6 (460-336081-2), 55B_0-3 (460-336081-3), 55B_3-6 (460-336081-4), 55C_0-3 (460-336081-5), 55C_3-6 (460-336081-6), 56A_0-3 (460-336081-7), 56A_3-6 (460-336081-8), 56B_0-3 (460-336081-9), 56B_3-6 (460-336081-10), 56C_0-3 (460-336081-11), 56C_3-6 (460-336081-12), 56D_0-3 (460-336081-13), 56D_3-6 (460-336081-14), 55A1_0-1 (460-336081-15), 55A2_1-2 (460-336081-16), 55A3_2-3 (460-336081-17), 55A1_3-4 (460-336081-18), 55A2_4-5 (460-336081-19), 55A3_5-6 (460-336081-20), 55A3_4-5 (460-336081-21), 55B1_1-2 (460-336081-22), 55B2_2-3 (460-336081-23), 55B3_3-4 (460-336081-24), 55B1_3-4 (460-336081-25), 55B2_4-5 (460-336081-26), 55B3_4-5 (460-336081-27), 55B1_5-6 (460-336081-28), 55C1_1-2 (460-336081-29), 55C2_1-2 (460-336081-30), 55C3_2-3 (460-336081-31), 55C1_3-4 (460-336081-32), 55C2_3-4 (460-336081-33), 55C3_4-5 (460-336081-34), 55C1_5-6 (460-336081-35), 56A1_1-2 (460-336081-36), 56A2_2-3 (460-336081-37), 56A3_2-3 (460-336081-38), 56A1_3-4 (460-336081-39), 56A2_4-5 (460-336081-40), 56A3_4-5 (460-336081-41), 56A1_5-6 (460-336081-42), 56B1_1-2 (460-336081-43), 56B2_2-3 (460-336081-44), 56B3_3-4 (460-336081-45), 56B1_3-4 (460-336081-46), 56B2_4-5 (460-336081-47), 56B3_5-6 (460-336081-48), 56B1_5-6 (460-336081-49), 56C1_1-2 (460-336081-50), 56C2_2-3 (460-336081-51), 56C3_3-4 (460-336081-52), 56C1_3-4 (460-336081-53), 56C2_4-5 (460-336081-54), 56C3_5-6 (460-336081-55), 56C2_5-6 (460-336081-56), 56D1_1-2 (460-336081-57), 56D2_1-2 (460-336081-58), 56D3_2-3 (460-336081-59), 56D1_3-4 (460-336081-60), 56D2_4-5 (460-336081-61), 56D3_4-5 (460-336081-62) and 56D1_5-6 (460-336081-63) were analyzed for Percent Moisture. The samples were analyzed on 10/5/2025.

Detection Summary

Client: Haley & Aldrich, Inc.
Project/Site: Former Port Mobil

Job ID: 460-336081-1

Client Sample ID: 55A_0-3 — Lab Sample ID: 460-336081-1

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Perfluorooctanoic acid (PFOA)	0.57		0.19	0.058	ug/Kg	1	☼	1633A	Total/NA
Perfluorononanoic acid (PFNA)	0.75		0.19	0.096	ug/Kg	1	☼	1633A	Total/NA
Perfluorodecanoic acid (PFDA)	0.26		0.19	0.058	ug/Kg	1	☼	1633A	Total/NA
Perfluoroundecanoic acid (PFUnA)	1.75		0.19	0.096	ug/Kg	1	☼	1633A	Total/NA
Perfluorododecanoic acid (PFDoA)	0.23		0.19	0.096	ug/Kg	1	☼	1633A	Total/NA
Perfluorotridecanoic acid (PFTrDA)	1.23		0.19	0.096	ug/Kg	1	☼	1633A	Total/NA
Aluminum	11700		20.5	5.6	mg/Kg	1	☼	6020B	Total/NA
Antimony	0.83	J	1.0	0.15	mg/Kg	1	☼	6020B	Total/NA
Arsenic	7.6		1.0	0.11	mg/Kg	1	☼	6020B	Total/NA
Barium	126		2.0	0.15	mg/Kg	1	☼	6020B	Total/NA
Beryllium	1.8		0.41	0.023	mg/Kg	1	☼	6020B	Total/NA
Cadmium	0.29	J	1.0	0.12	mg/Kg	1	☼	6020B	Total/NA
Calcium	2460		102	10	mg/Kg	1	☼	6020B	Total/NA
Chromium	59.3		2.0	0.30	mg/Kg	1	☼	6020B	Total/NA
Cobalt	19.7		1.0	0.15	mg/Kg	1	☼	6020B	Total/NA
Copper	106		2.0	0.38	mg/Kg	1	☼	6020B	Total/NA
Iron	31400		61.5	7.8	mg/Kg	1	☼	6020B	Total/NA
Lead	300		0.61	0.20	mg/Kg	1	☼	6020B	Total/NA
Magnesium	1820		102	10.4	mg/Kg	1	☼	6020B	Total/NA
Manganese	283		4.1	0.41	mg/Kg	1	☼	6020B	Total/NA
Nickel	123		2.0	0.18	mg/Kg	1	☼	6020B	Total/NA
Potassium	1340		102	16.6	mg/Kg	1	☼	6020B	Total/NA
Selenium	0.47	J	1.3	0.13	mg/Kg	1	☼	6020B	Total/NA
Silver	0.20	J	0.41	0.091	mg/Kg	1	☼	6020B	Total/NA
Sodium	260		102	46.8	mg/Kg	1	☼	6020B	Total/NA
Thallium	0.13	J	0.41	0.042	mg/Kg	1	☼	6020B	Total/NA
Vanadium	29.7		2.0	0.21	mg/Kg	1	☼	6020B	Total/NA
Zinc	429		8.2	1.1	mg/Kg	1	☼	6020B	Total/NA
Mercury	0.035		0.017	0.0080	mg/Kg	1	☼	7471B	Total/NA

Client Sample ID: 55A_3-6 — Lab Sample ID: 460-336081-2

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Perfluorooctanoic acid (PFOA)	0.14	J	0.20	0.060	ug/Kg	1	☼	1633A	Total/NA
Perfluorononanoic acid (PFNA)	0.27		0.20	0.099	ug/Kg	1	☼	1633A	Total/NA
Perfluorodecanoic acid (PFDA)	0.13	J	0.20	0.060	ug/Kg	1	☼	1633A	Total/NA
Perfluoroundecanoic acid (PFUnA)	1.17		0.20	0.099	ug/Kg	1	☼	1633A	Total/NA
Perfluorododecanoic acid (PFDoA)	0.25		0.20	0.099	ug/Kg	1	☼	1633A	Total/NA
Perfluorotridecanoic acid (PFTrDA)	0.72		0.20	0.099	ug/Kg	1	☼	1633A	Total/NA
Aluminum	10400		20.1	5.5	mg/Kg	1	☼	6020B	Total/NA
Antimony	0.72	J	1.0	0.15	mg/Kg	1	☼	6020B	Total/NA
Arsenic	6.6		1.0	0.10	mg/Kg	1	☼	6020B	Total/NA
Barium	105	N	2.0	0.15	mg/Kg	1	☼	6020B	Total/NA
Beryllium	1.6		0.40	0.022	mg/Kg	1	☼	6020B	Total/NA
Cadmium	0.19	J	1.0	0.11	mg/Kg	1	☼	6020B	Total/NA
Calcium	2450		101	9.8	mg/Kg	1	☼	6020B	Total/NA
Chromium	45.5		2.0	0.30	mg/Kg	1	☼	6020B	Total/NA
Cobalt	13.4		1.0	0.15	mg/Kg	1	☼	6020B	Total/NA
Copper	74.8		2.0	0.37	mg/Kg	1	☼	6020B	Total/NA
Iron	24800		60.3	7.7	mg/Kg	1	☼	6020B	Total/NA
Lead	141		0.60	0.20	mg/Kg	1	☼	6020B	Total/NA

This Detection Summary does not include radiochemical test results.

Eurofins Edison

Client Sample ID: 55A_3-6 (Continued)

Lab Sample ID: 460-336081-2

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Magnesium	1890		101	10.3	mg/Kg	1	☼	6020B	Total/NA
Manganese	202		4.0	0.41	mg/Kg	1	☼	6020B	Total/NA
Nickel	68.3		2.0	0.18	mg/Kg	1	☼	6020B	Total/NA
Potassium	1230		101	16.3	mg/Kg	1	☼	6020B	Total/NA
Selenium	0.47	J	1.3	0.13	mg/Kg	1	☼	6020B	Total/NA
Silver	0.19	J	0.40	0.090	mg/Kg	1	☼	6020B	Total/NA
Sodium	213		101	46.0	mg/Kg	1	☼	6020B	Total/NA
Thallium	0.12	J	0.40	0.041	mg/Kg	1	☼	6020B	Total/NA
Vanadium	27.2		2.0	0.21	mg/Kg	1	☼	6020B	Total/NA
Zinc	239		8.0	1.1	mg/Kg	1	☼	6020B	Total/NA
Mercury	0.027		0.018	0.0085	mg/Kg	1	☼	7471B	Total/NA

Client Sample ID: 55B_0-3

Lab Sample ID: 460-336081-3

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Perfluorooctanoic acid (PFOA)	0.14	J	0.20	0.060	ug/Kg	1	☼	1633A	Total/NA
Perfluorononanoic acid (PFNA)	0.42		0.20	0.10	ug/Kg	1	☼	1633A	Total/NA
Perfluorodecanoic acid (PFDA)	0.23		0.20	0.060	ug/Kg	1	☼	1633A	Total/NA
Perfluoroundecanoic acid (PFUnA)	0.86		0.20	0.10	ug/Kg	1	☼	1633A	Total/NA
Perfluorododecanoic acid (PFDoA)	0.11	J	0.20	0.10	ug/Kg	1	☼	1633A	Total/NA
Perfluorotridecanoic acid (PFTrDA)	0.39		0.20	0.10	ug/Kg	1	☼	1633A	Total/NA
Aluminum	5390		18.7	5.1	mg/Kg	1	☼	6020B	Total/NA
Antimony	0.74	J	0.93	0.14	mg/Kg	1	☼	6020B	Total/NA
Arsenic	6.9		0.93	0.096	mg/Kg	1	☼	6020B	Total/NA
Barium	45.8		1.9	0.14	mg/Kg	1	☼	6020B	Total/NA
Beryllium	0.53		0.37	0.021	mg/Kg	1	☼	6020B	Total/NA
Cadmium	0.12	J	0.93	0.11	mg/Kg	1	☼	6020B	Total/NA
Calcium	851		93.4	9.1	mg/Kg	1	☼	6020B	Total/NA
Chromium	16.8		1.9	0.28	mg/Kg	1	☼	6020B	Total/NA
Cobalt	5.9		0.93	0.14	mg/Kg	1	☼	6020B	Total/NA
Copper	39.2		1.9	0.34	mg/Kg	1	☼	6020B	Total/NA
Iron	16100		56.0	7.1	mg/Kg	1	☼	6020B	Total/NA
Lead	90.8		0.56	0.19	mg/Kg	1	☼	6020B	Total/NA
Magnesium	804		93.4	9.5	mg/Kg	1	☼	6020B	Total/NA
Manganese	81.0		3.7	0.38	mg/Kg	1	☼	6020B	Total/NA
Nickel	21.6		1.9	0.17	mg/Kg	1	☼	6020B	Total/NA
Potassium	691		93.4	15.1	mg/Kg	1	☼	6020B	Total/NA
Selenium	0.45	J	1.2	0.12	mg/Kg	1	☼	6020B	Total/NA
Silver	0.18	J	0.37	0.083	mg/Kg	1	☼	6020B	Total/NA
Sodium	110		93.4	42.7	mg/Kg	1	☼	6020B	Total/NA
Thallium	0.092	J	0.37	0.038	mg/Kg	1	☼	6020B	Total/NA
Vanadium	21.5		1.9	0.19	mg/Kg	1	☼	6020B	Total/NA
Zinc	140		7.5	1.0	mg/Kg	1	☼	6020B	Total/NA
Mercury	0.016	J	0.017	0.0081	mg/Kg	1	☼	7471B	Total/NA

Client Sample ID: 55B_3-6

Lab Sample ID: 460-336081-4

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Perfluorooctanoic acid (PFOA)	0.15	J	0.19	0.057	ug/Kg	1	☼	1633A	Total/NA
Perfluorononanoic acid (PFNA)	0.33		0.19	0.095	ug/Kg	1	☼	1633A	Total/NA
Perfluorodecanoic acid (PFDA)	0.10	J	0.19	0.057	ug/Kg	1	☼	1633A	Total/NA
Perfluoroundecanoic acid (PFUnA)	0.53		0.19	0.095	ug/Kg	1	☼	1633A	Total/NA

This Detection Summary does not include radiochemical test results.

Client Sample ID: 55B_3-6 (Continued)

Lab Sample ID: 460-336081-4

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Perfluorotridecanoic acid (PFTrDA)	0.15	J	0.19	0.095	ug/Kg	1	☼	1633A	Total/NA
Aluminum	8390		20.1	5.5	mg/Kg	1	☼	6020B	Total/NA
Antimony	0.62	J	1.0	0.15	mg/Kg	1	☼	6020B	Total/NA
Arsenic	5.4		1.0	0.10	mg/Kg	1	☼	6020B	Total/NA
Barium	101		2.0	0.15	mg/Kg	1	☼	6020B	Total/NA
Beryllium	0.99		0.40	0.022	mg/Kg	1	☼	6020B	Total/NA
Cadmium	0.15	J	1.0	0.11	mg/Kg	1	☼	6020B	Total/NA
Calcium	1830		100	9.8	mg/Kg	1	☼	6020B	Total/NA
Chromium	26.0		2.0	0.30	mg/Kg	1	☼	6020B	Total/NA
Cobalt	7.1		1.0	0.15	mg/Kg	1	☼	6020B	Total/NA
Copper	43.3		2.0	0.37	mg/Kg	1	☼	6020B	Total/NA
Iron	20200		60.2	7.7	mg/Kg	1	☼	6020B	Total/NA
Lead	162		0.60	0.20	mg/Kg	1	☼	6020B	Total/NA
Magnesium	832		100	10.2	mg/Kg	1	☼	6020B	Total/NA
Manganese	110		4.0	0.40	mg/Kg	1	☼	6020B	Total/NA
Nickel	19.0		2.0	0.18	mg/Kg	1	☼	6020B	Total/NA
Potassium	1080		100	16.3	mg/Kg	1	☼	6020B	Total/NA
Selenium	0.37	J	1.3	0.13	mg/Kg	1	☼	6020B	Total/NA
Silver	0.11	J	0.40	0.089	mg/Kg	1	☼	6020B	Total/NA
Sodium	249		100	45.9	mg/Kg	1	☼	6020B	Total/NA
Thallium	0.082	J	0.40	0.041	mg/Kg	1	☼	6020B	Total/NA
Vanadium	24.0		2.0	0.21	mg/Kg	1	☼	6020B	Total/NA
Zinc	216		8.0	1.1	mg/Kg	1	☼	6020B	Total/NA
Mercury	0.014	J	0.016	0.0077	mg/Kg	1	☼	7471B	Total/NA

Client Sample ID: 55C_0-3

Lab Sample ID: 460-336081-5

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Perfluorooctanoic acid (PFOA)	0.39		0.19	0.057	ug/Kg	1	☼	1633A	Total/NA
Aluminum	5230		19.4	5.3	mg/Kg	1	☼	6020B	Total/NA
Antimony	0.95	J	0.97	0.14	mg/Kg	1	☼	6020B	Total/NA
Arsenic	7.4		0.97	0.10	mg/Kg	1	☼	6020B	Total/NA
Barium	30.5		1.9	0.14	mg/Kg	1	☼	6020B	Total/NA
Beryllium	0.46		0.39	0.021	mg/Kg	1	☼	6020B	Total/NA
Calcium	325		97.0	9.4	mg/Kg	1	☼	6020B	Total/NA
Chromium	12.0		1.9	0.29	mg/Kg	1	☼	6020B	Total/NA
Cobalt	4.0		0.97	0.14	mg/Kg	1	☼	6020B	Total/NA
Copper	36.5		1.9	0.36	mg/Kg	1	☼	6020B	Total/NA
Iron	16600		58.2	7.4	mg/Kg	1	☼	6020B	Total/NA
Lead	72.7		0.58	0.19	mg/Kg	1	☼	6020B	Total/NA
Magnesium	1230		97.0	9.9	mg/Kg	1	☼	6020B	Total/NA
Manganese	139		3.9	0.39	mg/Kg	1	☼	6020B	Total/NA
Nickel	9.3		1.9	0.17	mg/Kg	1	☼	6020B	Total/NA
Potassium	685		97.0	15.7	mg/Kg	1	☼	6020B	Total/NA
Selenium	0.55	J	1.2	0.12	mg/Kg	1	☼	6020B	Total/NA
Silver	0.35	J	0.39	0.086	mg/Kg	1	☼	6020B	Total/NA
Sodium	52.3	J	97.0	44.3	mg/Kg	1	☼	6020B	Total/NA
Thallium	0.065	J	0.39	0.040	mg/Kg	1	☼	6020B	Total/NA
Vanadium	22.1		1.9	0.20	mg/Kg	1	☼	6020B	Total/NA
Zinc	46.6		7.8	1.1	mg/Kg	1	☼	6020B	Total/NA
Mercury	0.020		0.018	0.0082	mg/Kg	1	☼	7471B	Total/NA

This Detection Summary does not include radiochemical test results.

Detection Summary

Client: Haley & Aldrich, Inc.
Project/Site: Former Port Mobil

Job ID: 460-336081-1

Client Sample ID: 55C_3-6 — Lab Sample ID: 460-336081-6

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Perfluorohexanoic acid (PFHxA)	0.12	J	0.19	0.097	ug/Kg	1	☼	1633A	Total/NA
Perfluoroheptanoic acid (PFHpA)	0.11	J	0.19	0.097	ug/Kg	1	☼	1633A	Total/NA
Perfluorooctanoic acid (PFOA)	0.37		0.19	0.058	ug/Kg	1	☼	1633A	Total/NA
Perfluorononanoic acid (PFNA)	0.87		0.19	0.097	ug/Kg	1	☼	1633A	Total/NA
Perfluorodecanoic acid (PFDA)	0.12	J	0.19	0.058	ug/Kg	1	☼	1633A	Total/NA
Perfluoroundecanoic acid (PFUnA)	0.65		0.19	0.097	ug/Kg	1	☼	1633A	Total/NA
Perfluorotridecanoic acid (PFTrDA)	0.32		0.19	0.097	ug/Kg	1	☼	1633A	Total/NA
Aluminum	4650		19.5	5.3	mg/Kg	1	☼	6020B	Total/NA
Antimony	0.42	J	0.97	0.14	mg/Kg	1	☼	6020B	Total/NA
Arsenic	4.5		0.97	0.10	mg/Kg	1	☼	6020B	Total/NA
Barium	33.6		1.9	0.14	mg/Kg	1	☼	6020B	Total/NA
Beryllium	0.37	J	0.39	0.021	mg/Kg	1	☼	6020B	Total/NA
Calcium	362		97.3	9.5	mg/Kg	1	☼	6020B	Total/NA
Chromium	10.1		1.9	0.29	mg/Kg	1	☼	6020B	Total/NA
Cobalt	3.2		0.97	0.14	mg/Kg	1	☼	6020B	Total/NA
Copper	25.5		1.9	0.36	mg/Kg	1	☼	6020B	Total/NA
Iron	13500		58.4	7.4	mg/Kg	1	☼	6020B	Total/NA
Lead	26.8		0.58	0.19	mg/Kg	1	☼	6020B	Total/NA
Magnesium	830		97.3	9.9	mg/Kg	1	☼	6020B	Total/NA
Manganese	117		3.9	0.39	mg/Kg	1	☼	6020B	Total/NA
Nickel	6.2		1.9	0.17	mg/Kg	1	☼	6020B	Total/NA
Potassium	551		97.3	15.8	mg/Kg	1	☼	6020B	Total/NA
Selenium	0.33	J	1.2	0.12	mg/Kg	1	☼	6020B	Total/NA
Silver	0.17	J	0.39	0.087	mg/Kg	1	☼	6020B	Total/NA
Sodium	47.2	J	97.3	44.5	mg/Kg	1	☼	6020B	Total/NA
Thallium	0.083	J	0.39	0.040	mg/Kg	1	☼	6020B	Total/NA
Vanadium	17.2		1.9	0.20	mg/Kg	1	☼	6020B	Total/NA
Zinc	33.0		7.8	1.1	mg/Kg	1	☼	6020B	Total/NA
Mercury	0.024		0.017	0.0080	mg/Kg	1	☼	7471B	Total/NA

Client Sample ID: 56A_0-3 — Lab Sample ID: 460-336081-7

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Perfluorooctanoic acid (PFOA)	0.17		0.17	0.17	ug/Kg	1	☼	1633A	Total/NA
Perfluorodecanoic acid (PFDA)	0.12	J	0.20	0.060	ug/Kg	1	☼	1633A	Total/NA
Perfluoroundecanoic acid (PFUnA)	0.17	J	0.20	0.099	ug/Kg	1	☼	1633A	Total/NA
Aluminum	3710		20.2	5.6	mg/Kg	1	☼	6020B	Total/NA
Antimony	0.35	J	1.0	0.15	mg/Kg	1	☼	6020B	Total/NA
Arsenic	6.0		1.0	0.10	mg/Kg	1	☼	6020B	Total/NA
Barium	22.3		2.0	0.15	mg/Kg	1	☼	6020B	Total/NA
Beryllium	0.27	J	0.40	0.022	mg/Kg	1	☼	6020B	Total/NA
Calcium	730		101	9.9	mg/Kg	1	☼	6020B	Total/NA
Chromium	8.9		2.0	0.30	mg/Kg	1	☼	6020B	Total/NA
Cobalt	2.8		1.0	0.15	mg/Kg	1	☼	6020B	Total/NA
Copper	14.9		2.0	0.37	mg/Kg	1	☼	6020B	Total/NA
Iron	11600		60.7	7.7	mg/Kg	1	☼	6020B	Total/NA
Lead	13.5		0.61	0.20	mg/Kg	1	☼	6020B	Total/NA
Magnesium	782		101	10.3	mg/Kg	1	☼	6020B	Total/NA
Manganese	72.6		4.0	0.41	mg/Kg	1	☼	6020B	Total/NA
Nickel	3.7		2.0	0.18	mg/Kg	1	☼	6020B	Total/NA
Potassium	418		101	16.4	mg/Kg	1	☼	6020B	Total/NA

This Detection Summary does not include radiochemical test results.

Client Sample ID: 56A_0-3 (Continued)

Lab Sample ID: 460-336081-7

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Selenium	0.32	J	1.3	0.13	mg/Kg	1	☼	6020B	Total/NA
Thallium	0.059	J	0.40	0.042	mg/Kg	1	☼	6020B	Total/NA
Vanadium	17.3		2.0	0.21	mg/Kg	1	☼	6020B	Total/NA
Zinc	17.6		8.1	1.1	mg/Kg	1	☼	6020B	Total/NA
Mercury	0.020		0.018	0.0084	mg/Kg	1	☼	7471B	Total/NA

Client Sample ID: 56A_3-6

Lab Sample ID: 460-336081-8

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Perfluorooctanoic acid (PFOA)	0.15	J	0.20	0.060	ug/Kg	1	☼	1633A	Total/NA
Perfluorodecanoic acid (PFDA)	0.11	J	0.20	0.060	ug/Kg	1	☼	1633A	Total/NA
Perfluoroundecanoic acid (PFUnA)	0.15	J	0.20	0.10	ug/Kg	1	☼	1633A	Total/NA
Aluminum	4580		19.9	5.5	mg/Kg	1	☼	6020B	Total/NA
Antimony	0.65	J	0.99	0.15	mg/Kg	1	☼	6020B	Total/NA
Arsenic	7.7		0.99	0.10	mg/Kg	1	☼	6020B	Total/NA
Barium	28.3		2.0	0.14	mg/Kg	1	☼	6020B	Total/NA
Beryllium	0.36	J	0.40	0.022	mg/Kg	1	☼	6020B	Total/NA
Calcium	597		99.3	9.7	mg/Kg	1	☼	6020B	Total/NA
Chromium	12.4		2.0	0.30	mg/Kg	1	☼	6020B	Total/NA
Cobalt	4.4		0.99	0.15	mg/Kg	1	☼	6020B	Total/NA
Copper	35.6		2.0	0.37	mg/Kg	1	☼	6020B	Total/NA
Iron	12800		59.6	7.6	mg/Kg	1	☼	6020B	Total/NA
Lead	70.8		0.60	0.20	mg/Kg	1	☼	6020B	Total/NA
Magnesium	749		99.3	10.1	mg/Kg	1	☼	6020B	Total/NA
Manganese	72.7		4.0	0.40	mg/Kg	1	☼	6020B	Total/NA
Nickel	12.0		2.0	0.18	mg/Kg	1	☼	6020B	Total/NA
Potassium	488		99.3	16.1	mg/Kg	1	☼	6020B	Total/NA
Selenium	0.51	J	1.2	0.13	mg/Kg	1	☼	6020B	Total/NA
Silver	0.16	J	0.40	0.088	mg/Kg	1	☼	6020B	Total/NA
Sodium	55.2	J	99.3	45.4	mg/Kg	1	☼	6020B	Total/NA
Thallium	0.068	J	0.40	0.041	mg/Kg	1	☼	6020B	Total/NA
Vanadium	23.8		2.0	0.20	mg/Kg	1	☼	6020B	Total/NA
Zinc	53.5		7.9	1.1	mg/Kg	1	☼	6020B	Total/NA
Mercury	0.028		0.017	0.0079	mg/Kg	1	☼	7471B	Total/NA

Client Sample ID: 56B_0-3

Lab Sample ID: 460-336081-9

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Perfluorooctanoic acid (PFOA)	0.14	J	0.20	0.059	ug/Kg	1	☼	1633A	Total/NA
Perfluorononanoic acid (PFNA)	0.14	J	0.20	0.099	ug/Kg	1	☼	1633A	Total/NA
Perfluorodecanoic acid (PFDA)	0.12	J	0.20	0.059	ug/Kg	1	☼	1633A	Total/NA
Perfluoroundecanoic acid (PFUnA)	0.42		0.20	0.099	ug/Kg	1	☼	1633A	Total/NA
Perfluorododecanoic acid (PFDoA)	0.19	J	0.20	0.099	ug/Kg	1	☼	1633A	Total/NA
Perfluorotridecanoic acid (PFTrDA)	0.38		0.20	0.099	ug/Kg	1	☼	1633A	Total/NA
1H,1H,2H,2H-Perfluorodecane sulfonic acid (8:2 FTS)	0.55		0.39	0.20	ug/Kg	1	☼	1633A	Total/NA
Aluminum	10200		20.3	5.6	mg/Kg	1	☼	6020B	Total/NA
Antimony	0.15	J	1.0	0.15	mg/Kg	1	☼	6020B	Total/NA
Arsenic	7.0		1.0	0.10	mg/Kg	1	☼	6020B	Total/NA
Barium	47.1		2.0	0.15	mg/Kg	1	☼	6020B	Total/NA
Beryllium	0.69		0.41	0.022	mg/Kg	1	☼	6020B	Total/NA
Calcium	682		102	9.9	mg/Kg	1	☼	6020B	Total/NA

This Detection Summary does not include radiochemical test results.

Client Sample ID: 56B_0-3 (Continued) — Lab Sample ID: 460-336081-9

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Chromium	108		2.0	0.30	mg/Kg	1	☼	6020B	Total/NA
Cobalt	47.5		1.0	0.15	mg/Kg	1	☼	6020B	Total/NA
Copper	20.9		2.0	0.37	mg/Kg	1	☼	6020B	Total/NA
Iron	29300		61.0	7.8	mg/Kg	1	☼	6020B	Total/NA
Lead	20.0		0.61	0.20	mg/Kg	1	☼	6020B	Total/NA
Magnesium	3130		102	10.4	mg/Kg	1	☼	6020B	Total/NA
Manganese	487		4.1	0.41	mg/Kg	1	☼	6020B	Total/NA
Nickel	348		2.0	0.18	mg/Kg	1	☼	6020B	Total/NA
Potassium	891		102	16.5	mg/Kg	1	☼	6020B	Total/NA
Selenium	0.28	J	1.3	0.13	mg/Kg	1	☼	6020B	Total/NA
Sodium	61.4	J	102	46.5	mg/Kg	1	☼	6020B	Total/NA
Thallium	0.11	J	0.41	0.042	mg/Kg	1	☼	6020B	Total/NA
Vanadium	26.0		2.0	0.21	mg/Kg	1	☼	6020B	Total/NA
Zinc	48.7		8.1	1.1	mg/Kg	1	☼	6020B	Total/NA
Mercury	0.017	J	0.018	0.0085	mg/Kg	1	☼	7471B	Total/NA

Client Sample ID: 56B_3-6 — Lab Sample ID: 460-336081-10

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Perfluorooctanoic acid (PFOA)	0.19	J	0.20	0.059	ug/Kg	1	☼	1633A	Total/NA
Perfluoroundecanoic acid (PFUnA)	0.32		0.20	0.099	ug/Kg	1	☼	1633A	Total/NA
Aluminum	4490		18.7	5.1	mg/Kg	1	☼	6020B	Total/NA
Antimony	0.28	J	0.93	0.14	mg/Kg	1	☼	6020B	Total/NA
Arsenic	7.0		0.93	0.096	mg/Kg	1	☼	6020B	Total/NA
Barium	19.9		1.9	0.14	mg/Kg	1	☼	6020B	Total/NA
Beryllium	0.41		0.37	0.021	mg/Kg	1	☼	6020B	Total/NA
Calcium	219		93.3	9.1	mg/Kg	1	☼	6020B	Total/NA
Chromium	16.9		1.9	0.28	mg/Kg	1	☼	6020B	Total/NA
Cobalt	8.6		0.93	0.14	mg/Kg	1	☼	6020B	Total/NA
Copper	21.6		1.9	0.34	mg/Kg	1	☼	6020B	Total/NA
Iron	18200		56.0	7.1	mg/Kg	1	☼	6020B	Total/NA
Lead	14.7		0.56	0.19	mg/Kg	1	☼	6020B	Total/NA
Magnesium	1040		93.3	9.5	mg/Kg	1	☼	6020B	Total/NA
Manganese	175		3.7	0.38	mg/Kg	1	☼	6020B	Total/NA
Nickel	25.1		1.9	0.17	mg/Kg	1	☼	6020B	Total/NA
Potassium	955		93.3	15.1	mg/Kg	1	☼	6020B	Total/NA
Selenium	0.24	J	1.2	0.12	mg/Kg	1	☼	6020B	Total/NA
Thallium	0.050	J	0.37	0.038	mg/Kg	1	☼	6020B	Total/NA
Vanadium	19.7		1.9	0.19	mg/Kg	1	☼	6020B	Total/NA
Zinc	30.5		7.5	1.0	mg/Kg	1	☼	6020B	Total/NA
Mercury	0.013	J	0.016	0.0077	mg/Kg	1	☼	7471B	Total/NA

Client Sample ID: 56C_0-3 — Lab Sample ID: 460-336081-11

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Perfluorooctanoic acid (PFOA)	0.16	J	0.20	0.060	ug/Kg	1	☼	1633A	Total/NA
Perfluorononanoic acid (PFNA)	0.20		0.20	0.10	ug/Kg	1	☼	1633A	Total/NA
Perfluorodecanoic acid (PFDA)	0.095	J	0.20	0.060	ug/Kg	1	☼	1633A	Total/NA
Perfluoroundecanoic acid (PFUnA)	0.24		0.20	0.10	ug/Kg	1	☼	1633A	Total/NA
Perfluorotridecanoic acid (PFTrDA)	0.11	J	0.20	0.10	ug/Kg	1	☼	1633A	Total/NA
Aluminum	5270		19.9	5.5	mg/Kg	1	☼	6020B	Total/NA
Antimony	0.34	J	0.99	0.14	mg/Kg	1	☼	6020B	Total/NA

This Detection Summary does not include radiochemical test results.

Client Sample ID: 56C_0-3 (Continued)

Lab Sample ID: 460-336081-11

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Arsenic	4.1		0.99	0.10	mg/Kg	1	☼	6020B	Total/NA
Barium	32.8		2.0	0.14	mg/Kg	1	☼	6020B	Total/NA
Beryllium	0.40		0.40	0.022	mg/Kg	1	☼	6020B	Total/NA
Calcium	544		99.3	9.7	mg/Kg	1	☼	6020B	Total/NA
Chromium	12.0		2.0	0.29	mg/Kg	1	☼	6020B	Total/NA
Cobalt	3.0		0.99	0.15	mg/Kg	1	☼	6020B	Total/NA
Copper	21.6		2.0	0.37	mg/Kg	1	☼	6020B	Total/NA
Iron	10900		59.6	7.6	mg/Kg	1	☼	6020B	Total/NA
Lead	42.3		0.60	0.20	mg/Kg	1	☼	6020B	Total/NA
Magnesium	487		99.3	10.1	mg/Kg	1	☼	6020B	Total/NA
Manganese	43.4		4.0	0.40	mg/Kg	1	☼	6020B	Total/NA
Nickel	8.4		2.0	0.18	mg/Kg	1	☼	6020B	Total/NA
Potassium	533		99.3	16.1	mg/Kg	1	☼	6020B	Total/NA
Selenium	0.31	J	1.2	0.13	mg/Kg	1	☼	6020B	Total/NA
Sodium	61.8	J	99.3	45.4	mg/Kg	1	☼	6020B	Total/NA
Thallium	0.061	J	0.40	0.041	mg/Kg	1	☼	6020B	Total/NA
Vanadium	16.7		2.0	0.20	mg/Kg	1	☼	6020B	Total/NA
Zinc	37.3		7.9	1.1	mg/Kg	1	☼	6020B	Total/NA
Mercury	0.017	J	0.018	0.0082	mg/Kg	1	☼	7471B	Total/NA

Client Sample ID: 56C_3-6

Lab Sample ID: 460-336081-12

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Perfluorooctanoic acid (PFOA)	0.28		0.20	0.059	ug/Kg	1	☼	1633A	Total/NA
Perfluorononanoic acid (PFNA)	0.20		0.20	0.099	ug/Kg	1	☼	1633A	Total/NA
Perfluorodecanoic acid (PFDA)	0.13	J	0.20	0.059	ug/Kg	1	☼	1633A	Total/NA
Perfluoroundecanoic acid (PFUnA)	0.31		0.20	0.099	ug/Kg	1	☼	1633A	Total/NA
Perfluorotridecanoic acid (PFTrDA)	0.16	J	0.20	0.099	ug/Kg	1	☼	1633A	Total/NA
Aluminum	4360		21.3	5.9	mg/Kg	1	☼	6020B	Total/NA
Antimony	0.91	J	1.1	0.16	mg/Kg	1	☼	6020B	Total/NA
Arsenic	6.2		1.1	0.11	mg/Kg	1	☼	6020B	Total/NA
Barium	34.5		2.1	0.15	mg/Kg	1	☼	6020B	Total/NA
Beryllium	0.52		0.43	0.023	mg/Kg	1	☼	6020B	Total/NA
Calcium	809		107	10.4	mg/Kg	1	☼	6020B	Total/NA
Chromium	16.9		2.1	0.32	mg/Kg	1	☼	6020B	Total/NA
Cobalt	7.4		1.1	0.16	mg/Kg	1	☼	6020B	Total/NA
Copper	51.9		2.1	0.39	mg/Kg	1	☼	6020B	Total/NA
Iron	13500		63.9	8.2	mg/Kg	1	☼	6020B	Total/NA
Lead	92.7		0.64	0.21	mg/Kg	1	☼	6020B	Total/NA
Magnesium	848		107	10.9	mg/Kg	1	☼	6020B	Total/NA
Manganese	74.2		4.3	0.43	mg/Kg	1	☼	6020B	Total/NA
Nickel	21.2		2.1	0.19	mg/Kg	1	☼	6020B	Total/NA
Potassium	629		107	17.3	mg/Kg	1	☼	6020B	Total/NA
Selenium	0.70	J	1.3	0.14	mg/Kg	1	☼	6020B	Total/NA
Silver	0.17	J	0.43	0.095	mg/Kg	1	☼	6020B	Total/NA
Sodium	100	J	107	48.7	mg/Kg	1	☼	6020B	Total/NA
Thallium	0.051	J	0.43	0.044	mg/Kg	1	☼	6020B	Total/NA
Vanadium	18.1		2.1	0.22	mg/Kg	1	☼	6020B	Total/NA
Zinc	136		8.5	1.2	mg/Kg	1	☼	6020B	Total/NA
Mercury	0.016		0.016	0.0076	mg/Kg	1	☼	7471B	Total/NA

This Detection Summary does not include radiochemical test results.

Detection Summary

Client: Haley & Aldrich, Inc.
Project/Site: Former Port Mobil

Job ID: 460-336081-1

Client Sample ID: 56D_0-3 — Lab Sample ID: 460-336081-13

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Perfluorohexanoic acid (PFHxA)	0.11	J	0.20	0.099	ug/Kg	1	☼	1633A	Total/NA
Perfluoroheptanoic acid (PFHpA)	0.13	J	0.20	0.099	ug/Kg	1	☼	1633A	Total/NA
Perfluorooctanoic acid (PFOA)	0.64		0.20	0.060	ug/Kg	1	☼	1633A	Total/NA
Perfluoroundecanoic acid (PFUnA)	0.11	J	0.20	0.099	ug/Kg	1	☼	1633A	Total/NA
Aluminum	5720		18.6	5.1	mg/Kg	1	☼	6020B	Total/NA
Antimony	0.17	J	0.93	0.14	mg/Kg	1	☼	6020B	Total/NA
Arsenic	4.7		0.93	0.096	mg/Kg	1	☼	6020B	Total/NA
Barium	41.2		1.9	0.14	mg/Kg	1	☼	6020B	Total/NA
Beryllium	0.44		0.37	0.021	mg/Kg	1	☼	6020B	Total/NA
Calcium	302		93.2	9.1	mg/Kg	1	☼	6020B	Total/NA
Chromium	36.3		1.9	0.28	mg/Kg	1	☼	6020B	Total/NA
Cobalt	16.8		0.93	0.14	mg/Kg	1	☼	6020B	Total/NA
Copper	16.9		1.9	0.34	mg/Kg	1	☼	6020B	Total/NA
Iron	16800		55.9	7.1	mg/Kg	1	☼	6020B	Total/NA
Lead	19.3		0.56	0.19	mg/Kg	1	☼	6020B	Total/NA
Magnesium	1530		93.2	9.5	mg/Kg	1	☼	6020B	Total/NA
Manganese	236		3.7	0.38	mg/Kg	1	☼	6020B	Total/NA
Nickel	107		1.9	0.16	mg/Kg	1	☼	6020B	Total/NA
Potassium	653		93.2	15.1	mg/Kg	1	☼	6020B	Total/NA
Selenium	0.21	J	1.2	0.12	mg/Kg	1	☼	6020B	Total/NA
Silver	0.083	J	0.37	0.083	mg/Kg	1	☼	6020B	Total/NA
Thallium	0.067	J	0.37	0.038	mg/Kg	1	☼	6020B	Total/NA
Vanadium	18.4		1.9	0.19	mg/Kg	1	☼	6020B	Total/NA
Zinc	40.5		7.5	1.0	mg/Kg	1	☼	6020B	Total/NA
Mercury	0.021		0.018	0.0084	mg/Kg	1	☼	7471B	Total/NA

Client Sample ID: 56D_3-6 — Lab Sample ID: 460-336081-14

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Perfluorooctanoic acid (PFOA)	0.84		0.20	0.060	ug/Kg	1	☼	1633A	Total/NA
Perfluorononanoic acid (PFNA)	0.41		0.20	0.099	ug/Kg	1	☼	1633A	Total/NA
Perfluoroundecanoic acid (PFUnA)	0.18	J	0.20	0.099	ug/Kg	1	☼	1633A	Total/NA
Perfluorododecanoic acid (PFDoA)	0.10	J	0.20	0.099	ug/Kg	1	☼	1633A	Total/NA
Perfluorotridecanoic acid (PFTrDA)	0.19	J	0.20	0.099	ug/Kg	1	☼	1633A	Total/NA
Aluminum	4600		19.4	5.3	mg/Kg	1	☼	6020B	Total/NA
Antimony	0.40	J	0.97	0.14	mg/Kg	1	☼	6020B	Total/NA
Arsenic	5.9		0.97	0.10	mg/Kg	1	☼	6020B	Total/NA
Barium	27.2		1.9	0.14	mg/Kg	1	☼	6020B	Total/NA
Beryllium	0.33	J	0.39	0.021	mg/Kg	1	☼	6020B	Total/NA
Calcium	362		96.8	9.4	mg/Kg	1	☼	6020B	Total/NA
Chromium	20.9		1.9	0.29	mg/Kg	1	☼	6020B	Total/NA
Cobalt	9.1		0.97	0.14	mg/Kg	1	☼	6020B	Total/NA
Copper	33.1		1.9	0.36	mg/Kg	1	☼	6020B	Total/NA
Iron	14800		58.1	7.4	mg/Kg	1	☼	6020B	Total/NA
Lead	38.5		0.58	0.19	mg/Kg	1	☼	6020B	Total/NA
Magnesium	841		96.8	9.9	mg/Kg	1	☼	6020B	Total/NA
Manganese	123		3.9	0.39	mg/Kg	1	☼	6020B	Total/NA
Nickel	41.1		1.9	0.17	mg/Kg	1	☼	6020B	Total/NA
Potassium	475		96.8	15.7	mg/Kg	1	☼	6020B	Total/NA
Selenium	0.38	J	1.2	0.12	mg/Kg	1	☼	6020B	Total/NA
Silver	0.097	J	0.39	0.086	mg/Kg	1	☼	6020B	Total/NA

This Detection Summary does not include radiochemical test results.

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Client Sample ID: 56D_3-6 (Continued) — Lab Sample ID: 460-336081-14

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Thallium	0.073	J	0.39	0.040	mg/Kg	1	☼	6020B	Total/NA
Vanadium	16.7		1.9	0.20	mg/Kg	1	☼	6020B	Total/NA
Zinc	56.3		7.7	1.1	mg/Kg	1	☼	6020B	Total/NA
Mercury	0.025		0.018	0.0082	mg/Kg	1	☼	7471B	Total/NA

Client Sample ID: 55A1_0-1 — Lab Sample ID: 460-336081-15

No Detections.

Client Sample ID: 55A2_1-2 — Lab Sample ID: 460-336081-16

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Acetone	0.0066		0.0062	0.0060	mg/Kg	1	☼	8260D	Total/NA
Methylene Chloride	0.0019	J	0.0021	0.0012	mg/Kg	1	☼	8260D	Total/NA

Client Sample ID: 55A3_2-3 — Lab Sample ID: 460-336081-17

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Methylene Chloride	0.0028		0.0018	0.0010	mg/Kg	1	☼	8260D	Total/NA

Client Sample ID: 55A1_3-4 — Lab Sample ID: 460-336081-18

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Methylene Chloride	0.0031		0.0025	0.0014	mg/Kg	1	☼	8260D	Total/NA

Client Sample ID: 55A2_4-5 — Lab Sample ID: 460-336081-19

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Methylene Chloride	0.0051		0.0020	0.0011	mg/Kg	1	☼	8260D	Total/NA

Client Sample ID: 55A3_5-6 — Lab Sample ID: 460-336081-20

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Methylene Chloride	0.0027		0.0017	0.00096	mg/Kg	1	☼	8260D	Total/NA

Client Sample ID: 55A3_4-5 — Lab Sample ID: 460-336081-21

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Methylene Chloride	0.0041		0.0019	0.0011	mg/Kg	1	☼	8260D	Total/NA

Client Sample ID: 55B1_1-2 — Lab Sample ID: 460-336081-22

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Methylene Chloride	0.0044		0.0021	0.0012	mg/Kg	1	☼	8260D	Total/NA

Client Sample ID: 55B2_2-3 — Lab Sample ID: 460-336081-23

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Methylene Chloride	0.0054		0.0021	0.0012	mg/Kg	1	☼	8260D	Total/NA

Client Sample ID: 55B3_3-4 — Lab Sample ID: 460-336081-24

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Methylene Chloride	0.0043		0.0021	0.0012	mg/Kg	1	☼	8260D	Total/NA

This Detection Summary does not include radiochemical test results.

Detection Summary

Client: Haley & Aldrich, Inc.
Project/Site: Former Port Mobil

Job ID: 460-336081-1

Client Sample ID: 55B1_3-4 — Lab Sample ID: 460-336081-25

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Methylene Chloride	0.0043		0.0019	0.0011	mg/Kg	1	☼	8260D	Total/NA

Client Sample ID: 55B2_4-5 — Lab Sample ID: 460-336081-26

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Methylene Chloride	0.0029		0.0017	0.00098	mg/Kg	1	☼	8260D	Total/NA

Client Sample ID: 55B3_4-5 — Lab Sample ID: 460-336081-27

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Methylene Chloride	0.0034		0.0024	0.0014	mg/Kg	1	☼	8260D	Total/NA

Client Sample ID: 55B1_5-6 — Lab Sample ID: 460-336081-28

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Methylene Chloride	0.0027		0.0017	0.00098	mg/Kg	1	☼	8260D	Total/NA

Client Sample ID: 55C1_1-2 — Lab Sample ID: 460-336081-29

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Methylene Chloride	0.0032		0.0022	0.0013	mg/Kg	1	☼	8260D	Total/NA

Client Sample ID: 55C2_1-2 — Lab Sample ID: 460-336081-30

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Methylene Chloride	0.0029		0.0022	0.0013	mg/Kg	1	☼	8260D	Total/NA

Client Sample ID: 55C3_2-3 — Lab Sample ID: 460-336081-31

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Methylene Chloride	0.0027		0.0021	0.0012	mg/Kg	1	☼	8260D	Total/NA

Client Sample ID: 55C1_3-4 — Lab Sample ID: 460-336081-32

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Methylene Chloride	0.0046		0.0024	0.0014	mg/Kg	1	☼	8260D	Total/NA

Client Sample ID: 55C2_3-4 — Lab Sample ID: 460-336081-33

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Methylene Chloride	0.0042		0.0020	0.0011	mg/Kg	1	☼	8260D	Total/NA

Client Sample ID: 55C3_4-5 — Lab Sample ID: 460-336081-34

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Methylene Chloride	0.0055		0.0022	0.0013	mg/Kg	1	☼	8260D	Total/NA

Client Sample ID: 55C1_5-6 — Lab Sample ID: 460-336081-35

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Methylene Chloride	0.0039		0.0017	0.00099	mg/Kg	1	☼	8260D	Total/NA

Client Sample ID: 56A1_1-2 — Lab Sample ID: 460-336081-36

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Methylene Chloride	0.0026		0.0026	0.0015	mg/Kg	1	☼	8260D	Total/NA

This Detection Summary does not include radiochemical test results.

Detection Summary

Client: Haley & Aldrich, Inc.
Project/Site: Former Port Mobil

Job ID: 460-336081-1

Client Sample ID: 56A2_2-3 — Lab Sample ID: 460-336081-37

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Methylene Chloride	0.0015	J	0.0023	0.0013	mg/Kg	1	☼	8260D	Total/NA

Client Sample ID: 56A3_2-3 — Lab Sample ID: 460-336081-38

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Methylene Chloride	0.0044		0.0024	0.0014	mg/Kg	1	☼	8260D	Total/NA

Client Sample ID: 56A1_3-4 — Lab Sample ID: 460-336081-39

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Methylene Chloride	0.0042		0.0019	0.0011	mg/Kg	1	☼	8260D	Total/NA

Client Sample ID: 56A2_4-5 — Lab Sample ID: 460-336081-40

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Methylene Chloride	0.0016	J	0.0020	0.0012	mg/Kg	1	☼	8260D	Total/NA

Client Sample ID: 56A3_4-5 — Lab Sample ID: 460-336081-41

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Methylene Chloride	0.0033		0.0016	0.00092	mg/Kg	1	☼	8260D	Total/NA

Client Sample ID: 56A1_5-6 — Lab Sample ID: 460-336081-42

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Acetone	0.0081		0.0060	0.0057	mg/Kg	1	☼	8260D	Total/NA
Methylene Chloride	0.0029		0.0020	0.0011	mg/Kg	1	☼	8260D	Total/NA

Client Sample ID: 56B1_1-2 — Lab Sample ID: 460-336081-43

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Methylene Chloride	0.0036		0.0017	0.00095	mg/Kg	1	☼	8260D	Total/NA

Client Sample ID: 56B2_2-3 — Lab Sample ID: 460-336081-44

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Methylene Chloride	0.0027		0.0018	0.0010	mg/Kg	1	☼	8260D	Total/NA

Client Sample ID: 56B3_3-4 — Lab Sample ID: 460-336081-45

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Methylene Chloride	0.0037		0.0024	0.0014	mg/Kg	1	☼	8260D	Total/NA

Client Sample ID: 56B1_3-4 — Lab Sample ID: 460-336081-46

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Methylene Chloride	0.0033		0.0018	0.0010	mg/Kg	1	☼	8260D	Total/NA

Client Sample ID: 56B2_4-5 — Lab Sample ID: 460-336081-47

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Methylene Chloride	0.0037		0.0023	0.0013	mg/Kg	1	☼	8260D	Total/NA

This Detection Summary does not include radiochemical test results.

Detection Summary

Client: Haley & Aldrich, Inc.
Project/Site: Former Port Mobil

Job ID: 460-336081-1

Client Sample ID: 56B3_5-6 — Lab Sample ID: 460-336081-48

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Methylene Chloride	0.0022		0.0022	0.0013	mg/Kg	1	☼	8260D	Total/NA

Client Sample ID: 56B1_5-6 — Lab Sample ID: 460-336081-49

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Methylene Chloride	0.0051		0.0020	0.0012	mg/Kg	1	☼	8260D	Total/NA

Client Sample ID: 56C1_1-2 — Lab Sample ID: 460-336081-50

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Methylene Chloride	0.0055		0.0026	0.0015	mg/Kg	1	☼	8260D	Total/NA

Client Sample ID: 56C2_2-3 — Lab Sample ID: 460-336081-51

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Methylene Chloride	0.0048		0.0023	0.0013	mg/Kg	1	☼	8260D	Total/NA

Client Sample ID: 56C3_3-4 — Lab Sample ID: 460-336081-52

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Methylene Chloride	0.0036		0.0020	0.0012	mg/Kg	1	☼	8260D	Total/NA

Client Sample ID: 56C1_3-4 — Lab Sample ID: 460-336081-53

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Methylene Chloride	0.0059		0.0025	0.0014	mg/Kg	1	☼	8260D	Total/NA

Client Sample ID: 56C2_4-5 — Lab Sample ID: 460-336081-54

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Methylene Chloride	0.0012	J	0.0016	0.00090	mg/Kg	1	☼	8260D	Total/NA

Client Sample ID: 56C3_5-6 — Lab Sample ID: 460-336081-55

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Methylene Chloride	0.0041		0.0021	0.0012	mg/Kg	1	☼	8260D	Total/NA

Client Sample ID: 56C2_5-6 — Lab Sample ID: 460-336081-56

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Methylene Chloride	0.0028		0.0024	0.0014	mg/Kg	1	☼	8260D	Total/NA

Client Sample ID: 56D1_1-2 — Lab Sample ID: 460-336081-57

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Methylene Chloride	0.0025		0.0017	0.00096	mg/Kg	1	☼	8260D	Total/NA

Client Sample ID: 56D2_1-2 — Lab Sample ID: 460-336081-58

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Methylene Chloride	0.0032		0.0030	0.0017	mg/Kg	1	☼	8260D	Total/NA

Client Sample ID: 56D3_2-3 — Lab Sample ID: 460-336081-59

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Methylene Chloride	0.0046		0.0023	0.0013	mg/Kg	1	☼	8260D	Total/NA

This Detection Summary does not include radiochemical test results.

Detection Summary

Client: Haley & Aldrich, Inc.
Project/Site: Former Port Mobil

Job ID: 460-336081-1

Client Sample ID: 56D1_3-4 — Lab Sample ID: 460-336081-60

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Methylene Chloride	0.0061		0.0024	0.0014	mg/Kg	1	☼	8260D	Total/NA

Client Sample ID: 56D2_4-5 — Lab Sample ID: 460-336081-61

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Methylene Chloride	0.0023	J	0.0024	0.0014	mg/Kg	1	☼	8260D	Total/NA

Client Sample ID: 56D3_4-5 — Lab Sample ID: 460-336081-62

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Methylene Chloride	0.0042		0.0024	0.0014	mg/Kg	1	☼	8260D	Total/NA

Client Sample ID: 56D1_5-6 — Lab Sample ID: 460-336081-63

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Methylene Chloride	0.0024		0.0015	0.00084	mg/Kg	1	☼	8260D	Total/NA

This Detection Summary does not include radiochemical test results.

Client Sample ID: 55A_0-3
Date Collected: 09/30/25 09:45
Date Received: 09/30/25 16:15

Lab Sample ID: 460-336081-1
Matrix: Solid
Percent Solids: 89.6

Method: SW846 8270E - Semivolatile Organic Compounds (GC/MS)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1'-Biphenyl	0.37	U	0.37	0.013	mg/Kg	☼	10/01/25 20:32	10/02/25 08:02	1
1,2,4,5-Tetrachlorobenzene	0.37	U	0.37	0.011	mg/Kg	☼	10/01/25 20:32	10/02/25 08:02	1
1,4-Dioxane	0.037	U	0.037	0.032	mg/Kg	☼	10/01/25 20:32	10/02/25 08:02	1
2,2'-oxybis[1-chloropropane]	0.37	U	0.37	0.022	mg/Kg	☼	10/01/25 20:32	10/02/25 08:02	1
2,3,4,6-Tetrachlorophenol	0.37	U	0.37	0.025	mg/Kg	☼	10/01/25 20:32	10/02/25 08:02	1
2,4,5-Trichlorophenol	0.37	U	0.37	0.037	mg/Kg	☼	10/01/25 20:32	10/02/25 08:02	1
2,4,6-Trichlorophenol	0.15	U	0.15	0.047	mg/Kg	☼	10/01/25 20:32	10/02/25 08:02	1
2,4-Dichlorophenol	0.15	U	0.15	0.024	mg/Kg	☼	10/01/25 20:32	10/02/25 08:02	1
2,4-Dimethylphenol	0.37	U	0.37	0.044	mg/Kg	☼	10/01/25 20:32	10/02/25 08:02	1
2,4-Dinitrophenol	0.30	U	0.30	0.18	mg/Kg	☼	10/01/25 20:32	10/02/25 08:02	1
2,4-Dinitrotoluene	0.075	U	0.075	0.040	mg/Kg	☼	10/01/25 20:32	10/02/25 08:02	1
2,6-Dinitrotoluene	0.075	U	0.075	0.027	mg/Kg	☼	10/01/25 20:32	10/02/25 08:02	1
2-Chloronaphthalene	0.37	U	0.37	0.047	mg/Kg	☼	10/01/25 20:32	10/02/25 08:02	1
2-Chlorophenol	0.37	U	0.37	0.013	mg/Kg	☼	10/01/25 20:32	10/02/25 08:02	1
2-Methylnaphthalene	0.37	U	0.37	0.010	mg/Kg	☼	10/01/25 20:32	10/02/25 08:02	1
2-Methylphenol	0.37	U	0.37	0.014	mg/Kg	☼	10/01/25 20:32	10/02/25 08:02	1
2-Nitroaniline	0.37	U	0.37	0.028	mg/Kg	☼	10/01/25 20:32	10/02/25 08:02	1
2-Nitrophenol	0.37	U	0.37	0.037	mg/Kg	☼	10/01/25 20:32	10/02/25 08:02	1
3 & 4 Methylphenol	0.37	U	0.37	0.023	mg/Kg	☼	10/01/25 20:32	10/02/25 08:02	1
3,3'-Dichlorobenzidine	0.15	U	0.15	0.056	mg/Kg	☼	10/01/25 20:32	10/02/25 08:02	1
3-Nitroaniline	0.37	U	0.37	0.087	mg/Kg	☼	10/01/25 20:32	10/02/25 08:02	1
4,6-Dinitro-2-methylphenol	0.30	U	0.30	0.15	mg/Kg	☼	10/01/25 20:32	10/02/25 08:02	1
4-Bromophenyl phenyl ether	0.37	U	0.37	0.015	mg/Kg	☼	10/01/25 20:32	10/02/25 08:02	1
4-Chloro-3-methylphenol	0.37	U	0.37	0.021	mg/Kg	☼	10/01/25 20:32	10/02/25 08:02	1
4-Chloroaniline	0.37	U	0.37	0.065	mg/Kg	☼	10/01/25 20:32	10/02/25 08:02	1
4-Chlorophenyl phenyl ether	0.37	U	0.37	0.013	mg/Kg	☼	10/01/25 20:32	10/02/25 08:02	1
4-Methylphenol	0.37	U	0.37	0.023	mg/Kg	☼	10/01/25 20:32	10/02/25 08:02	1
4-Nitroaniline	0.37	U	0.37	0.093	mg/Kg	☼	10/01/25 20:32	10/02/25 08:02	1
4-Nitrophenol	0.75	U	0.75	0.060	mg/Kg	☼	10/01/25 20:32	10/02/25 08:02	1
Acenaphthene	0.37	U	0.37	0.010	mg/Kg	☼	10/01/25 20:32	10/02/25 08:02	1
Acenaphthylene	0.37	U	0.37	0.011	mg/Kg	☼	10/01/25 20:32	10/02/25 08:02	1
Acetophenone	0.37	U	0.37	0.018	mg/Kg	☼	10/01/25 20:32	10/02/25 08:02	1
Anthracene	0.37	U	0.37	0.011	mg/Kg	☼	10/01/25 20:32	10/02/25 08:02	1
Atrazine	0.15	U	0.15	0.022	mg/Kg	☼	10/01/25 20:32	10/02/25 08:02	1
Benzaldehyde	0.37	U	0.37	0.061	mg/Kg	☼	10/01/25 20:32	10/02/25 08:02	1
Benzo[a]anthracene	0.037	U	0.037	0.028	mg/Kg	☼	10/01/25 20:32	10/02/25 08:02	1
Benzo[a]pyrene	0.037	U	0.037	0.0098	mg/Kg	☼	10/01/25 20:32	10/02/25 08:02	1
Benzo[b]fluoranthene	0.037	U	0.037	0.0095	mg/Kg	☼	10/01/25 20:32	10/02/25 08:02	1
Benzo[g,h,i]perylene	0.37	U	0.37	0.011	mg/Kg	☼	10/01/25 20:32	10/02/25 08:02	1
Benzo[k]fluoranthene	0.037	U	0.037	0.0072	mg/Kg	☼	10/01/25 20:32	10/02/25 08:02	1
Bis(2-chloroethoxy)methane	0.37	U	0.37	0.068	mg/Kg	☼	10/01/25 20:32	10/02/25 08:02	1
Bis(2-chloroethyl)ether	0.037	U	0.037	0.013	mg/Kg	☼	10/01/25 20:32	10/02/25 08:02	1
Bis(2-ethylhexyl) phthalate	0.37	U	0.37	0.019	mg/Kg	☼	10/01/25 20:32	10/02/25 08:02	1
Butyl benzyl phthalate	0.37	U	0.37	0.017	mg/Kg	☼	10/01/25 20:32	10/02/25 08:02	1
Caprolactam	0.37	U	0.37	0.057	mg/Kg	☼	10/01/25 20:32	10/02/25 08:02	1
Carbazole	0.37	U	0.37	0.014	mg/Kg	☼	10/01/25 20:32	10/02/25 08:02	1
Chrysene	0.37	U	0.37	0.015	mg/Kg	☼	10/01/25 20:32	10/02/25 08:02	1
Dibenz(a,h)anthracene	0.037	U	0.037	0.016	mg/Kg	☼	10/01/25 20:32	10/02/25 08:02	1
Dibenzofuran	0.37	U	0.37	0.012	mg/Kg	☼	10/01/25 20:32	10/02/25 08:02	1

Client Sample ID: 55A_0-3
Date Collected: 09/30/25 09:45
Date Received: 09/30/25 16:15

Lab Sample ID: 460-336081-1
Matrix: Solid
Percent Solids: 89.6

Method: SW846 8270E - Semivolatile Organic Compounds (GC/MS) (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Diethyl phthalate	0.37	U	0.37	0.012	mg/Kg	☼	10/01/25 20:32	10/02/25 08:02	1
Dimethyl phthalate	0.37	U	0.37	0.084	mg/Kg	☼	10/01/25 20:32	10/02/25 08:02	1
Di-n-butyl phthalate	0.37	U	0.37	0.014	mg/Kg	☼	10/01/25 20:32	10/02/25 08:02	1
Di-n-octyl phthalate	0.37	U	0.37	0.019	mg/Kg	☼	10/01/25 20:32	10/02/25 08:02	1
Fluoranthene	0.37	U	0.37	0.013	mg/Kg	☼	10/01/25 20:32	10/02/25 08:02	1
Fluorene	0.37	U	0.37	0.011	mg/Kg	☼	10/01/25 20:32	10/02/25 08:02	1
Hexachlorobenzene	0.037	U	0.037	0.017	mg/Kg	☼	10/01/25 20:32	10/02/25 08:02	1
Hexachlorobutadiene	0.075	U	0.075	0.0078	mg/Kg	☼	10/01/25 20:32	10/02/25 08:02	1
Hexachlorocyclopentadiene	0.37	U	0.37	0.032	mg/Kg	☼	10/01/25 20:32	10/02/25 08:02	1
Hexachloroethane	0.037	U	0.037	0.013	mg/Kg	☼	10/01/25 20:32	10/02/25 08:02	1
Indeno[1,2,3-cd]pyrene	0.037	U	0.037	0.014	mg/Kg	☼	10/01/25 20:32	10/02/25 08:02	1
Isophorone	0.15	U	0.15	0.11	mg/Kg	☼	10/01/25 20:32	10/02/25 08:02	1
Naphthalene	0.37	U	0.37	0.0064	mg/Kg	☼	10/01/25 20:32	10/02/25 08:02	1
Nitrobenzene	0.037	U	0.037	0.020	mg/Kg	☼	10/01/25 20:32	10/02/25 08:02	1
N-Nitrosodi-n-propylamine	0.037	U	0.037	0.027	mg/Kg	☼	10/01/25 20:32	10/02/25 08:02	1
N-Nitrosodiphenylamine	0.37	U	0.37	0.030	mg/Kg	☼	10/01/25 20:32	10/02/25 08:02	1
Pentachlorophenol	0.30	U	0.30	0.075	mg/Kg	☼	10/01/25 20:32	10/02/25 08:02	1
Phenanthrene	0.37	U	0.37	0.015	mg/Kg	☼	10/01/25 20:32	10/02/25 08:02	1
Phenol	0.37	U	0.37	0.014	mg/Kg	☼	10/01/25 20:32	10/02/25 08:02	1
Pyrene	0.37	U	0.37	0.0091	mg/Kg	☼	10/01/25 20:32	10/02/25 08:02	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
2,4,6-Tribromophenol (Surr)	*60*		*18 - 137*	*10/01/25 20:32*	*10/02/25 08:02*	*1*
2-Fluorobiphenyl	*59*		*33 - 117*	*10/01/25 20:32*	*10/02/25 08:02*	*1*
2-Fluorophenol (Surr)	*59*		*24 - 120*	*10/01/25 20:32*	*10/02/25 08:02*	*1*
Nitrobenzene-d5 (Surr)	*59*		*27 - 120*	*10/01/25 20:32*	*10/02/25 08:02*	*1*
Phenol-d5 (Surr)	*59*		*28 - 118*	*10/01/25 20:32*	*10/02/25 08:02*	*1*
Terphenyl-d14 (Surr)	*72*		*33 - 124*	*10/01/25 20:32*	*10/02/25 08:02*	*1*

Method: SW846 8081B - Organochlorine Pesticides (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
4,4'-DDD	0.0075	U	0.0075	0.0013	mg/Kg	☼	10/01/25 16:50	10/02/25 07:11	1
4,4'-DDE	0.0075	U	0.0075	0.00088	mg/Kg	☼	10/01/25 16:50	10/02/25 07:11	1
4,4'-DDT	0.0075	U	0.0075	0.0014	mg/Kg	☼	10/01/25 16:50	10/02/25 07:11	1
Aldrin	0.0075	U	0.0075	0.0011	mg/Kg	☼	10/01/25 16:50	10/02/25 07:11	1
alpha-BHC	0.0022	U	0.0022	0.00076	mg/Kg	☼	10/01/25 16:50	10/02/25 07:11	1
beta-BHC	0.0022	U	0.0022	0.00084	mg/Kg	☼	10/01/25 16:50	10/02/25 07:11	1
Chlordane (technical)	0.075	U	0.075	0.018	mg/Kg	☼	10/01/25 16:50	10/02/25 07:11	1
cis-Chlordane	0.0075	U	0.0075	0.0012	mg/Kg	☼	10/01/25 16:50	10/02/25 07:11	1
delta-BHC	0.0022	U	0.0022	0.00046	mg/Kg	☼	10/01/25 16:50	10/02/25 07:11	1
Dieldrin	0.0022	U	0.0022	0.00097	mg/Kg	☼	10/01/25 16:50	10/02/25 07:11	1
Endosulfan I	0.0075	U	0.0075	0.0011	mg/Kg	☼	10/01/25 16:50	10/02/25 07:11	1
Endosulfan II	0.0075	U	0.0075	0.0019	mg/Kg	☼	10/01/25 16:50	10/02/25 07:11	1
Endosulfan sulfate	0.0075	U	0.0075	0.00094	mg/Kg	☼	10/01/25 16:50	10/02/25 07:11	1
Endrin	0.0075	U	0.0075	0.0011	mg/Kg	☼	10/01/25 16:50	10/02/25 07:11	1
Endrin aldehyde	0.0075	U	0.0075	0.0018	mg/Kg	☼	10/01/25 16:50	10/02/25 07:11	1
Endrin ketone	0.0075	U	0.0075	0.0015	mg/Kg	☼	10/01/25 16:50	10/02/25 07:11	1
gamma-BHC (Lindane)	0.0022	U	0.0022	0.00069	mg/Kg	☼	10/01/25 16:50	10/02/25 07:11	1
Heptachlor	0.0075	U	0.0075	0.00088	mg/Kg	☼	10/01/25 16:50	10/02/25 07:11	1
Heptachlor epoxide	0.0075	U	0.0075	0.0011	mg/Kg	☼	10/01/25 16:50	10/02/25 07:11	1

Client Sample ID: 55A_0-3

Date Collected: 09/30/25 09:45
Date Received: 09/30/25 16:15

Lab Sample ID: 460-336081-1

Matrix: Solid
Percent Solids: 89.6

Method: SW846 8081B - Organochlorine Pesticides (GC) (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Methoxychlor	0.0075	U	0.0075	0.0017	mg/Kg	☼	10/01/25 16:50	10/02/25 07:11	1
Toxaphene	0.075	U	0.075	0.027	mg/Kg	☼	10/01/25 16:50	10/02/25 07:11	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
DCB Decachlorobiphenyl	*93*		*10 - 150*	*10/01/25 16:50*	*10/02/25 07:11*	*1*
DCB Decachlorobiphenyl	*111*		*10 - 150*	*10/01/25 16:50*	*10/02/25 07:11*	*1*
Tetrachloro-m-xylene	*93*		*14 - 150*	*10/01/25 16:50*	*10/02/25 07:11*	*1*
Tetrachloro-m-xylene	*94*		*14 - 150*	*10/01/25 16:50*	*10/02/25 07:11*	*1*

Method: SW846 8082A - Polychlorinated Biphenyls (PCBs) by Gas Chromatography

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Aroclor 1016	0.075	U	0.075	0.020	mg/Kg	☼	10/01/25 16:38	10/02/25 15:48	1
Aroclor 1221	0.075	U	0.075	0.020	mg/Kg	☼	10/01/25 16:38	10/02/25 15:48	1
Aroclor 1232	0.075	U	0.075	0.020	mg/Kg	☼	10/01/25 16:38	10/02/25 15:48	1
Aroclor 1242	0.075	U	0.075	0.020	mg/Kg	☼	10/01/25 16:38	10/02/25 15:48	1
Aroclor 1248	0.075	U	0.075	0.020	mg/Kg	☼	10/01/25 16:38	10/02/25 15:48	1
Aroclor 1254	0.075	U	0.075	0.020	mg/Kg	☼	10/01/25 16:38	10/02/25 15:48	1
Aroclor 1260	0.075	U	0.075	0.020	mg/Kg	☼	10/01/25 16:38	10/02/25 15:48	1
Aroclor-1262	0.075	U	0.075	0.020	mg/Kg	☼	10/01/25 16:38	10/02/25 15:48	1
Aroclor 1268	0.075	U	0.075	0.020	mg/Kg	☼	10/01/25 16:38	10/02/25 15:48	1
Polychlorinated biphenyls, Total	0.075	U	0.075	0.020	mg/Kg	☼	10/01/25 16:38	10/02/25 15:48	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
DCB Decachlorobiphenyl	*143*		*10 - 150*	*10/01/25 16:38*	*10/02/25 15:48*	*1*
DCB Decachlorobiphenyl	*147*		*10 - 150*	*10/01/25 16:38*	*10/02/25 15:48*	*1*
Tetrachloro-m-xylene	*138*		*10 - 150*	*10/01/25 16:38*	*10/02/25 15:48*	*1*
Tetrachloro-m-xylene	*147*		*10 - 150*	*10/01/25 16:38*	*10/02/25 15:48*	*1*

Method: EPA 1633A - Per- and Polyfluoroalkyl Substances by LC/MS/MS, 1633A

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Perfluorobutanoic acid (PFBA)	0.38	U	0.38	0.096	ug/Kg	☼	10/06/25 14:09	10/06/25 23:20	1
Perfluoropentanoic acid (PFPeA)	0.19	U	0.19	0.096	ug/Kg	☼	10/06/25 14:09	10/06/25 23:20	1
Perfluorohexanoic acid (PFHxA)	0.19	U	0.19	0.096	ug/Kg	☼	10/06/25 14:09	10/06/25 23:20	1
Perfluoroheptanoic acid (PFHpA)	0.19	U	0.19	0.096	ug/Kg	☼	10/06/25 14:09	10/06/25 23:20	1
Perfluorooctanoic acid (PFOA)	**0.57**		0.19	0.058	ug/Kg	☼	10/06/25 14:09	10/06/25 23:20	1
Perfluorononanoic acid (PFNA)	**0.75**		0.19	0.096	ug/Kg	☼	10/06/25 14:09	10/06/25 23:20	1
Perfluorodecanoic acid (PFDA)	**0.26**		0.19	0.058	ug/Kg	☼	10/06/25 14:09	10/06/25 23:20	1
Perfluoroundecanoic acid (PFUnA)	**1.75**		0.19	0.096	ug/Kg	☼	10/06/25 14:09	10/06/25 23:20	1
Perfluorododecanoic acid (PFDoA)	**0.23**		0.19	0.096	ug/Kg	☼	10/06/25 14:09	10/06/25 23:20	1
Perfluorotridecanoic acid (PFTrDA)	**1.23**		0.19	0.096	ug/Kg	☼	10/06/25 14:09	10/06/25 23:20	1
Perfluorotetradecanoic acid (PFTeDA)	0.19	U	0.19	0.096	ug/Kg	☼	10/06/25 14:09	10/06/25 23:20	1
Perfluorobutanesulfonic acid (PFBS)	0.19	U	0.19	0.096	ug/Kg	☼	10/06/25 14:09	10/06/25 23:20	1
Perfluoropentanesulfonic acid (PFPeS)	0.19	U	0.19	0.096	ug/Kg	☼	10/06/25 14:09	10/06/25 23:20	1
Perfluorohexanesulfonic acid (PFHxS)	0.19	U	0.19	0.096	ug/Kg	☼	10/06/25 14:09	10/06/25 23:20	1
Perfluoroheptanesulfonic acid (PFHpS)	0.19	U	0.19	0.096	ug/Kg	☼	10/06/25 14:09	10/06/25 23:20	1
Perfluorooctanesulfonic acid (PFOS)	0.19	U	0.19	0.096	ug/Kg	☼	10/06/25 14:09	10/06/25 23:20	1
Perfluorononanesulfonic acid (PFNS)	0.19	U	0.19	0.096	ug/Kg	☼	10/06/25 14:09	10/06/25 23:20	1

Client Sample ID: 55A_0-3
Date Collected: 09/30/25 09:45
Date Received: 09/30/25 16:15

Lab Sample ID: 460-336081-1
Matrix: Solid
Percent Solids: 89.6

Method: EPA 1633A - Per- and Polyfluoroalkyl Substances by LC/MS/MS, 1633A (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Perfluorodecanesulfonic acid (PFDS)	0.19	U	0.19	0.096	ug/Kg	☼	10/06/25 14:09	10/06/25 23:20	1
Perfluorododecanesulfonic acid (PFDoS)	0.19	U	0.19	0.096	ug/Kg	☼	10/06/25 14:09	10/06/25 23:20	1
1H,1H,2H,2H-Perfluorohexane sulfonic acid (4:2 FTS)	0.38	U	0.38	0.19	ug/Kg	☼	10/06/25 14:09	10/06/25 23:20	1
1H,1H,2H,2H-Perfluorooctane sulfonic acid (6:2 FTS)	0.38	U	0.38	0.19	ug/Kg	☼	10/06/25 14:09	10/06/25 23:20	1
1H,1H,2H,2H-Perfluorodecane sulfonic acid (8:2 FTS)	0.38	U	0.38	0.19	ug/Kg	☼	10/06/25 14:09	10/06/25 23:20	1
Perfluorooctanesulfonamide (PFOSA)	0.19	U	0.19	0.096	ug/Kg	☼	10/06/25 14:09	10/06/25 23:20	1
N-methylperfluorooctane sulfonamide (NMeFOSA)	0.19	U	0.19	0.096	ug/Kg	☼	10/06/25 14:09	10/06/25 23:20	1
N-ethylperfluorooctane sulfonamide (NEtFOSA)	0.19	U	0.19	0.096	ug/Kg	☼	10/06/25 14:09	10/06/25 23:20	1
N-methylperfluorooctanesulfonamidoacetic acid (NMeFOSAA)	0.19	U	0.19	0.096	ug/Kg	☼	10/06/25 14:09	10/06/25 23:20	1
N-ethylperfluorooctanesulfonamidoacetic acid (NEtFOSAA)	0.19	U	0.19	0.096	ug/Kg	☼	10/06/25 14:09	10/06/25 23:20	1
N-methylperfluorooctane sulfonamidoethanol (NMeFOSE)	0.96	U	0.96	0.48	ug/Kg	☼	10/06/25 14:09	10/06/25 23:20	1
N-ethylperfluorooctane sulfonamidoethanol (NEtFOSE)	0.96	U	0.96	0.48	ug/Kg	☼	10/06/25 14:09	10/06/25 23:20	1
Hexafluoropropylene Oxide Dimer Acid (HFPO-DA)	0.19	U	0.19	0.096	ug/Kg	☼	10/06/25 14:09	10/06/25 23:20	1
4,8-Dioxa-3H-perfluorononanoic acid (ADONA)	0.19	U	0.19	0.096	ug/Kg	☼	10/06/25 14:09	10/06/25 23:20	1
Perfluoro-3-methoxypropanoic acid (PFMPA)	0.19	U	0.19	0.096	ug/Kg	☼	10/06/25 14:09	10/06/25 23:20	1
Perfluoro-4-methoxybutanoic acid (PFMBA)	0.19	U	0.19	0.096	ug/Kg	☼	10/06/25 14:09	10/06/25 23:20	1
Nonafluoro-3,6-dioxaheptanoic acid (NFDHA)	0.19	U	0.19	0.096	ug/Kg	☼	10/06/25 14:09	10/06/25 23:20	1
9-Chlorohexadecafluoro-3-oxanonane-1-sulfonic acid (9Cl-PF3ONS)	0.19	U	0.19	0.096	ug/Kg	☼	10/06/25 14:09	10/06/25 23:20	1
11-Chloroeicosafluoro-3-oxaundecane-1-sulfonic acid (11Cl-PF3OUdS)	0.19	U	0.19	0.096	ug/Kg	☼	10/06/25 14:09	10/06/25 23:20	1
Perfluoro (2-ethoxyethane) sulfonic acid (PFEESA)	0.19	U	0.19	0.096	ug/Kg	☼	10/06/25 14:09	10/06/25 23:20	1
3-Perfluoropropylpropanoic acid (3:3 FTCA)	0.38	U	0.38	0.19	ug/Kg	☼	10/06/25 14:09	10/06/25 23:20	1
3-Perfluoropentylpropanoic acid (5:3 FTCA)	0.96	U	0.96	0.48	ug/Kg	☼	10/06/25 14:09	10/06/25 23:20	1
3-Perfluoroheptylpropanoic acid (7:3 FTCA)	0.96	U	0.96	0.48	ug/Kg	☼	10/06/25 14:09	10/06/25 23:20	1

Isotope Dilution	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
13C4 PFBA	*118*		*8 - 130*	*10/06/25 14:09*	*10/06/25 23:20*	*1*
13C5 PFPeA	*112*		*35 - 130*	*10/06/25 14:09*	*10/06/25 23:20*	*1*
13C5 PFHxA	*109*		*40 - 130*	*10/06/25 14:09*	*10/06/25 23:20*	*1*
13C4 PFHpA	*119*		*40 - 130*	*10/06/25 14:09*	*10/06/25 23:20*	*1*
13C8 PFOA	*112*		*40 - 130*	*10/06/25 14:09*	*10/06/25 23:20*	*1*
13C9 PFNA	*107*		*40 - 130*	*10/06/25 14:09*	*10/06/25 23:20*	*1*
13C6 PFDA	*111*		*40 - 130*	*10/06/25 14:09*	*10/06/25 23:20*	*1*
13C7 PFUnA	*99.4*		*40 - 130*	*10/06/25 14:09*	*10/06/25 23:20*	*1*
13C2 PFTeDA	*82.7*		*20 - 130*	*10/06/25 14:09*	*10/06/25 23:20*	*1*

Client Sample ID: 55A_0-3
Date Collected: 09/30/25 09:45
Date Received: 09/30/25 16:15

Lab Sample ID: 460-336081-1
Matrix: Solid
Percent Solids: 89.6

Method: EPA 1633A - Per- and Polyfluoroalkyl Substances by LC/MS/MS, 1633A (Continued)

Isotope Dilution	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
13C3 PFBS	105		40 - 135	10/06/25 14:09	10/06/25 23:20	1
13C3 PFHxS	103		40 - 130	10/06/25 14:09	10/06/25 23:20	1
13C8 PFOS	107		40 - 130	10/06/25 14:09	10/06/25 23:20	1
13C8 FOSA	107		40 - 130	10/06/25 14:09	10/06/25 23:20	1
d3-NMeFOSAA	111		40 - 135	10/06/25 14:09	10/06/25 23:20	1
d5-NEtFOSAA	105		40 - 150	10/06/25 14:09	10/06/25 23:20	1
13C2 4:2 FTS	176	*	40 - 165	10/06/25 14:09	10/06/25 23:20	1
13C2 6:2 FTS	153		40 - 215	10/06/25 14:09	10/06/25 23:20	1
13C2 8:2 FTS	145		40 - 275	10/06/25 14:09	10/06/25 23:20	1
13C3 HFPO-DA	111		40 - 130	10/06/25 14:09	10/06/25 23:20	1
d7-N-MeFOSE-M	73.3		20 - 130	10/06/25 14:09	10/06/25 23:20	1
d9-N-EtFOSE-M	54.1		15 - 130	10/06/25 14:09	10/06/25 23:20	1
d5-NEtPFOSA	84.0		10 - 130	10/06/25 14:09	10/06/25 23:20	1
d3-NMePFOSA	96.5		10 - 130	10/06/25 14:09	10/06/25 23:20	1
13C2 PFDoA	104		40 - 130	10/06/25 14:09	10/06/25 23:20	1

Method: SW846 6020B - Metals (ICP/MS)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Aluminum	11700		20.5	5.6	mg/Kg	☼	10/06/25 07:14	10/06/25 18:40	1
Antimony	0.83	J	1.0	0.15	mg/Kg	☼	10/06/25 07:14	10/06/25 18:40	1
Arsenic	7.6		1.0	0.11	mg/Kg	☼	10/06/25 07:14	10/06/25 18:40	1
Barium	126		2.0	0.15	mg/Kg	☼	10/06/25 07:14	10/06/25 18:40	1
Beryllium	1.8		0.41	0.023	mg/Kg	☼	10/06/25 07:14	10/06/25 18:40	1
Cadmium	0.29	J	1.0	0.12	mg/Kg	☼	10/06/25 07:14	10/06/25 18:40	1
Calcium	2460		102	10	mg/Kg	☼	10/06/25 07:14	10/06/25 18:40	1
Chromium	59.3		2.0	0.30	mg/Kg	☼	10/06/25 07:14	10/06/25 18:40	1
Cobalt	19.7		1.0	0.15	mg/Kg	☼	10/06/25 07:14	10/06/25 18:40	1
Copper	106		2.0	0.38	mg/Kg	☼	10/06/25 07:14	10/06/25 18:40	1
Iron	31400		61.5	7.8	mg/Kg	☼	10/06/25 07:14	10/06/25 18:40	1
Lead	300		0.61	0.20	mg/Kg	☼	10/06/25 07:14	10/06/25 18:40	1
Magnesium	1820		102	10.4	mg/Kg	☼	10/06/25 07:14	10/06/25 18:40	1
Manganese	283		4.1	0.41	mg/Kg	☼	10/06/25 07:14	10/06/25 18:40	1
Nickel	123		2.0	0.18	mg/Kg	☼	10/06/25 07:14	10/06/25 18:40	1
Potassium	1340		102	16.6	mg/Kg	☼	10/06/25 07:14	10/06/25 18:40	1
Selenium	0.47	J	1.3	0.13	mg/Kg	☼	10/06/25 07:14	10/06/25 18:40	1
Silver	0.20	J	0.41	0.091	mg/Kg	☼	10/06/25 07:14	10/06/25 18:40	1
Sodium	260		102	46.8	mg/Kg	☼	10/06/25 07:14	10/06/25 18:40	1
Thallium	0.13	J	0.41	0.042	mg/Kg	☼	10/06/25 07:14	10/06/25 18:40	1
Vanadium	29.7		2.0	0.21	mg/Kg	☼	10/06/25 07:14	10/06/25 18:40	1
Zinc	429		8.2	1.1	mg/Kg	☼	10/06/25 07:14	10/06/25 18:40	1

Method: SW846 7471B - Mercury (CVAA)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	0.035		0.017	0.0080	mg/Kg	☼	10/06/25 02:16	10/06/25 12:03	1

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Percent Moisture (EPA Moisture)	10.4		1.0	1.0	%			10/05/25 11:23	1
Percent Solids (EPA Moisture)	89.6		1.0	1.0	%			10/05/25 11:23	1

Client: Haley & Aldrich, Inc.
Project/Site: Former Port Mobil

Job ID: 460-336081-1

Client Sample ID: 55A_3-6
Date Collected: 09/30/25 09:50
Date Received: 09/30/25 16:15

Lab Sample ID: 460-336081-2
Matrix: Solid
Percent Solids: 91.2

Method: SW846 8270E - Semivolatile Organic Compounds (GC/MS)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1'-Biphenyl	0.36	U	0.36	0.013	mg/Kg	☼	10/01/25 20:32	10/02/25 09:09	1
1,2,4,5-Tetrachlorobenzene	0.36	U	0.36	0.011	mg/Kg	☼	10/01/25 20:32	10/02/25 09:09	1
1,4-Dioxane	0.036	U	0.036	0.032	mg/Kg	☼	10/01/25 20:32	10/02/25 09:09	1
2,2'-oxybis[1-chloropropane]	0.36	U	0.36	0.022	mg/Kg	☼	10/01/25 20:32	10/02/25 09:09	1
2,3,4,6-Tetrachlorophenol	0.36	U	0.36	0.024	mg/Kg	☼	10/01/25 20:32	10/02/25 09:09	1
2,4,5-Trichlorophenol	0.36	U	0.36	0.037	mg/Kg	☼	10/01/25 20:32	10/02/25 09:09	1
2,4,6-Trichlorophenol	0.15	U	0.15	0.046	mg/Kg	☼	10/01/25 20:32	10/02/25 09:09	1
2,4-Dichlorophenol	0.15	U	0.15	0.023	mg/Kg	☼	10/01/25 20:32	10/02/25 09:09	1
2,4-Dimethylphenol	0.36	U	0.36	0.043	mg/Kg	☼	10/01/25 20:32	10/02/25 09:09	1
2,4-Dinitrophenol	0.29	U	0.29	0.18	mg/Kg	☼	10/01/25 20:32	10/02/25 09:09	1
2,4-Dinitrotoluene	0.073	U	0.073	0.039	mg/Kg	☼	10/01/25 20:32	10/02/25 09:09	1
2,6-Dinitrotoluene	0.073	U	0.073	0.026	mg/Kg	☼	10/01/25 20:32	10/02/25 09:09	1
2-Chloronaphthalene	0.36	U	0.36	0.046	mg/Kg	☼	10/01/25 20:32	10/02/25 09:09	1
2-Chlorophenol	0.36	U	0.36	0.013	mg/Kg	☼	10/01/25 20:32	10/02/25 09:09	1
2-Methylnaphthalene	0.36	U	0.36	0.010	mg/Kg	☼	10/01/25 20:32	10/02/25 09:09	1
2-Methylphenol	0.36	U	0.36	0.013	mg/Kg	☼	10/01/25 20:32	10/02/25 09:09	1
2-Nitroaniline	0.36	U	0.36	0.028	mg/Kg	☼	10/01/25 20:32	10/02/25 09:09	1
2-Nitrophenol	0.36	U	0.36	0.036	mg/Kg	☼	10/01/25 20:32	10/02/25 09:09	1
3 & 4 Methylphenol	0.36	U	0.36	0.023	mg/Kg	☼	10/01/25 20:32	10/02/25 09:09	1
3,3'-Dichlorobenzidine	0.15	U	0.15	0.055	mg/Kg	☼	10/01/25 20:32	10/02/25 09:09	1
3-Nitroaniline	0.36	U	0.36	0.086	mg/Kg	☼	10/01/25 20:32	10/02/25 09:09	1
4,6-Dinitro-2-methylphenol	0.29	U	0.29	0.15	mg/Kg	☼	10/01/25 20:32	10/02/25 09:09	1
4-Bromophenyl phenyl ether	0.36	U	0.36	0.014	mg/Kg	☼	10/01/25 20:32	10/02/25 09:09	1
4-Chloro-3-methylphenol	0.36	U	0.36	0.020	mg/Kg	☼	10/01/25 20:32	10/02/25 09:09	1
4-Chloroaniline	0.36	U	0.36	0.064	mg/Kg	☼	10/01/25 20:32	10/02/25 09:09	1
4-Chlorophenyl phenyl ether	0.36	U	0.36	0.013	mg/Kg	☼	10/01/25 20:32	10/02/25 09:09	1
4-Methylphenol	0.36	U	0.36	0.023	mg/Kg	☼	10/01/25 20:32	10/02/25 09:09	1
4-Nitroaniline	0.36	U	0.36	0.092	mg/Kg	☼	10/01/25 20:32	10/02/25 09:09	1
4-Nitrophenol	0.73	U	0.73	0.059	mg/Kg	☼	10/01/25 20:32	10/02/25 09:09	1
Acenaphthene	0.36	U	0.36	0.010	mg/Kg	☼	10/01/25 20:32	10/02/25 09:09	1
Acenaphthylene	0.36	U	0.36	0.010	mg/Kg	☼	10/01/25 20:32	10/02/25 09:09	1
Acetophenone	0.36	U	0.36	0.018	mg/Kg	☼	10/01/25 20:32	10/02/25 09:09	1
Anthracene	0.36	U	0.36	0.011	mg/Kg	☼	10/01/25 20:32	10/02/25 09:09	1
Atrazine	0.15	U	0.15	0.021	mg/Kg	☼	10/01/25 20:32	10/02/25 09:09	1
Benzaldehyde	0.36	U	0.36	0.060	mg/Kg	☼	10/01/25 20:32	10/02/25 09:09	1
Benzo[a]anthracene	0.036	U	0.036	0.027	mg/Kg	☼	10/01/25 20:32	10/02/25 09:09	1
Benzo[a]pyrene	0.036	U	0.036	0.0096	mg/Kg	☼	10/01/25 20:32	10/02/25 09:09	1
Benzo[b]fluoranthene	0.036	U	0.036	0.0093	mg/Kg	☼	10/01/25 20:32	10/02/25 09:09	1
Benzo[g,h,i]perylene	0.36	U	0.36	0.011	mg/Kg	☼	10/01/25 20:32	10/02/25 09:09	1
Benzo[k]fluoranthene	0.036	U	0.036	0.0071	mg/Kg	☼	10/01/25 20:32	10/02/25 09:09	1
Bis(2-chloroethoxy)methane	0.36	U	0.36	0.067	mg/Kg	☼	10/01/25 20:32	10/02/25 09:09	1
Bis(2-chloroethyl)ether	0.036	U	0.036	0.013	mg/Kg	☼	10/01/25 20:32	10/02/25 09:09	1
Bis(2-ethylhexyl) phthalate	0.36	U	0.36	0.019	mg/Kg	☼	10/01/25 20:32	10/02/25 09:09	1
Butyl benzyl phthalate	0.36	U	0.36	0.017	mg/Kg	☼	10/01/25 20:32	10/02/25 09:09	1
Caprolactam	0.36	U	0.36	0.056	mg/Kg	☼	10/01/25 20:32	10/02/25 09:09	1
Carbazole	0.36	U	0.36	0.014	mg/Kg	☼	10/01/25 20:32	10/02/25 09:09	1
Chrysene	0.36	U	0.36	0.015	mg/Kg	☼	10/01/25 20:32	10/02/25 09:09	1
Dibenz(a,h)anthracene	0.036	U	0.036	0.016	mg/Kg	☼	10/01/25 20:32	10/02/25 09:09	1
Dibenzofuran	0.36	U	0.36	0.012	mg/Kg	☼	10/01/25 20:32	10/02/25 09:09	1

Client Sample ID: 55A_3-6
Date Collected: 09/30/25 09:50
Date Received: 09/30/25 16:15

Lab Sample ID: 460-336081-2
Matrix: Solid
Percent Solids: 91.2

Method: SW846 8270E - Semivolatile Organic Compounds (GC/MS) (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Diethyl phthalate	0.36	U	0.36	0.012	mg/Kg	☼	10/01/25 20:32	10/02/25 09:09	1
Dimethyl phthalate	0.36	U	0.36	0.082	mg/Kg	☼	10/01/25 20:32	10/02/25 09:09	1
Di-n-butyl phthalate	0.36	U	0.36	0.014	mg/Kg	☼	10/01/25 20:32	10/02/25 09:09	1
Di-n-octyl phthalate	0.36	U	0.36	0.019	mg/Kg	☼	10/01/25 20:32	10/02/25 09:09	1
Fluoranthene	0.36	U	0.36	0.013	mg/Kg	☼	10/01/25 20:32	10/02/25 09:09	1
Fluorene	0.36	U	0.36	0.011	mg/Kg	☼	10/01/25 20:32	10/02/25 09:09	1
Hexachlorobenzene	0.036	U	0.036	0.017	mg/Kg	☼	10/01/25 20:32	10/02/25 09:09	1
Hexachlorobutadiene	0.073	U	0.073	0.0077	mg/Kg	☼	10/01/25 20:32	10/02/25 09:09	1
Hexachlorocyclopentadiene	0.36	U	0.36	0.032	mg/Kg	☼	10/01/25 20:32	10/02/25 09:09	1
Hexachloroethane	0.036	U	0.036	0.012	mg/Kg	☼	10/01/25 20:32	10/02/25 09:09	1
Indeno[1,2,3-cd]pyrene	0.036	U	0.036	0.014	mg/Kg	☼	10/01/25 20:32	10/02/25 09:09	1
Isophorone	0.15	U	0.15	0.10	mg/Kg	☼	10/01/25 20:32	10/02/25 09:09	1
Naphthalene	0.36	U	0.36	0.0062	mg/Kg	☼	10/01/25 20:32	10/02/25 09:09	1
Nitrobenzene	0.036	U	0.036	0.020	mg/Kg	☼	10/01/25 20:32	10/02/25 09:09	1
N-Nitrosodi-n-propylamine	0.036	U	0.036	0.026	mg/Kg	☼	10/01/25 20:32	10/02/25 09:09	1
N-Nitrosodiphenylamine	0.36	U	0.36	0.030	mg/Kg	☼	10/01/25 20:32	10/02/25 09:09	1
Pentachlorophenol	0.29	U	0.29	0.074	mg/Kg	☼	10/01/25 20:32	10/02/25 09:09	1
Phenanthrene	0.36	U	0.36	0.015	mg/Kg	☼	10/01/25 20:32	10/02/25 09:09	1
Phenol	0.36	U	0.36	0.013	mg/Kg	☼	10/01/25 20:32	10/02/25 09:09	1
Pyrene	0.36	U	0.36	0.0090	mg/Kg	☼	10/01/25 20:32	10/02/25 09:09	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
2,4,6-Tribromophenol (Surr)	*58*		*18 - 137*	*10/01/25 20:32*	*10/02/25 09:09*	*1*
2-Fluorobiphenyl	*58*		*33 - 117*	*10/01/25 20:32*	*10/02/25 09:09*	*1*
2-Fluorophenol (Surr)	*59*		*24 - 120*	*10/01/25 20:32*	*10/02/25 09:09*	*1*
Nitrobenzene-d5 (Surr)	*59*		*27 - 120*	*10/01/25 20:32*	*10/02/25 09:09*	*1*
Phenol-d5 (Surr)	*58*		*28 - 118*	*10/01/25 20:32*	*10/02/25 09:09*	*1*
Terphenyl-d14 (Surr)	*71*		*33 - 124*	*10/01/25 20:32*	*10/02/25 09:09*	*1*

Method: SW846 8081B - Organochlorine Pesticides (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
4,4'-DDD	0.0073	U	0.0073	0.0012	mg/Kg	☼	10/01/25 16:50	10/02/25 07:24	1
4,4'-DDE	0.0073	U	0.0073	0.00087	mg/Kg	☼	10/01/25 16:50	10/02/25 07:24	1
4,4'-DDT	0.0073	U	0.0073	0.0013	mg/Kg	☼	10/01/25 16:50	10/02/25 07:24	1
Aldrin	0.0073	U	0.0073	0.0011	mg/Kg	☼	10/01/25 16:50	10/02/25 07:24	1
alpha-BHC	0.0022	U	0.0022	0.00075	mg/Kg	☼	10/01/25 16:50	10/02/25 07:24	1
beta-BHC	0.0022	U	0.0022	0.00082	mg/Kg	☼	10/01/25 16:50	10/02/25 07:24	1
Chlordane (technical)	0.073	U	0.073	0.018	mg/Kg	☼	10/01/25 16:50	10/02/25 07:24	1
cis-Chlordane	0.0073	U	0.0073	0.0012	mg/Kg	☼	10/01/25 16:50	10/02/25 07:24	1
delta-BHC	0.0022	U	0.0022	0.00045	mg/Kg	☼	10/01/25 16:50	10/02/25 07:24	1
Dieldrin	0.0022	U	0.0022	0.00095	mg/Kg	☼	10/01/25 16:50	10/02/25 07:24	1
Endosulfan I	0.0073	U	0.0073	0.0011	mg/Kg	☼	10/01/25 16:50	10/02/25 07:24	1
Endosulfan II	0.0073	U	0.0073	0.0019	mg/Kg	☼	10/01/25 16:50	10/02/25 07:24	1
Endosulfan sulfate	0.0073	U	0.0073	0.00092	mg/Kg	☼	10/01/25 16:50	10/02/25 07:24	1
Endrin	0.0073	U	0.0073	0.0011	mg/Kg	☼	10/01/25 16:50	10/02/25 07:24	1
Endrin aldehyde	0.0073	U	0.0073	0.0017	mg/Kg	☼	10/01/25 16:50	10/02/25 07:24	1
Endrin ketone	0.0073	U	0.0073	0.0014	mg/Kg	☼	10/01/25 16:50	10/02/25 07:24	1
gamma-BHC (Lindane)	0.0022	U	0.0022	0.00068	mg/Kg	☼	10/01/25 16:50	10/02/25 07:24	1
Heptachlor	0.0073	U	0.0073	0.00087	mg/Kg	☼	10/01/25 16:50	10/02/25 07:24	1
Heptachlor epoxide	0.0073	U	0.0073	0.0011	mg/Kg	☼	10/01/25 16:50	10/02/25 07:24	1

Client Sample ID: 55A_3-6
Date Collected: 09/30/25 09:50
Date Received: 09/30/25 16:15

Lab Sample ID: 460-336081-2
Matrix: Solid
Percent Solids: 91.2

Method: SW846 8081B - Organochlorine Pesticides (GC) (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Methoxychlor	0.0073	U	0.0073	0.0017	mg/Kg	☼	10/01/25 16:50	10/02/25 07:24	1
Toxaphene	0.073	U	0.073	0.027	mg/Kg	☼	10/01/25 16:50	10/02/25 07:24	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
DCB Decachlorobiphenyl	*98*		*10 - 150*	*10/01/25 16:50*	*10/02/25 07:24*	*1*
DCB Decachlorobiphenyl	*121*		*10 - 150*	*10/01/25 16:50*	*10/02/25 07:24*	*1*
Tetrachloro-m-xylene	*100*		*14 - 150*	*10/01/25 16:50*	*10/02/25 07:24*	*1*
Tetrachloro-m-xylene	*100*		*14 - 150*	*10/01/25 16:50*	*10/02/25 07:24*	*1*

Method: SW846 8082A - Polychlorinated Biphenyls (PCBs) by Gas Chromatography

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Aroclor 1016	0.073	U	0.073	0.020	mg/Kg	☼	10/01/25 16:38	10/02/25 16:05	1
Aroclor 1221	0.073	U	0.073	0.020	mg/Kg	☼	10/01/25 16:38	10/02/25 16:05	1
Aroclor 1232	0.073	U	0.073	0.020	mg/Kg	☼	10/01/25 16:38	10/02/25 16:05	1
Aroclor 1242	0.073	U	0.073	0.020	mg/Kg	☼	10/01/25 16:38	10/02/25 16:05	1
Aroclor 1248	0.073	U	0.073	0.020	mg/Kg	☼	10/01/25 16:38	10/02/25 16:05	1
Aroclor 1254	0.073	U	0.073	0.020	mg/Kg	☼	10/01/25 16:38	10/02/25 16:05	1
Aroclor 1260	0.073	U	0.073	0.020	mg/Kg	☼	10/01/25 16:38	10/02/25 16:05	1
Aroclor-1262	0.073	U	0.073	0.020	mg/Kg	☼	10/01/25 16:38	10/02/25 16:05	1
Aroclor 1268	0.073	U	0.073	0.020	mg/Kg	☼	10/01/25 16:38	10/02/25 16:05	1
Polychlorinated biphenyls, Total	0.073	U	0.073	0.020	mg/Kg	☼	10/01/25 16:38	10/02/25 16:05	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
DCB Decachlorobiphenyl	*157*	*	*10 - 150*	*10/01/25 16:38*	*10/02/25 16:05*	*1*
DCB Decachlorobiphenyl	*164*	*	*10 - 150*	*10/01/25 16:38*	*10/02/25 16:05*	*1*
Tetrachloro-m-xylene	*153*	*	*10 - 150*	*10/01/25 16:38*	*10/02/25 16:05*	*1*
Tetrachloro-m-xylene	*167*	*	*10 - 150*	*10/01/25 16:38*	*10/02/25 16:05*	*1*

Method: EPA 1633A - Per- and Polyfluoroalkyl Substances by LC/MS/MS, 1633A

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Perfluorobutanoic acid (PFBA)	0.40	U	0.40	0.099	ug/Kg	☼	10/06/25 14:09	10/06/25 23:33	1
Perfluoropentanoic acid (PFPeA)	0.20	U	0.20	0.099	ug/Kg	☼	10/06/25 14:09	10/06/25 23:33	1
Perfluorohexanoic acid (PFHxA)	0.20	U	0.20	0.099	ug/Kg	☼	10/06/25 14:09	10/06/25 23:33	1
Perfluoroheptanoic acid (PFHpA)	0.20	U	0.20	0.099	ug/Kg	☼	10/06/25 14:09	10/06/25 23:33	1
Perfluorooctanoic acid (PFOA)	**0.14**	**J**	0.20	0.060	ug/Kg	☼	10/06/25 14:09	10/06/25 23:33	1
Perfluorononanoic acid (PFNA)	**0.27**		0.20	0.099	ug/Kg	☼	10/06/25 14:09	10/06/25 23:33	1
Perfluorodecanoic acid (PFDA)	**0.13**	**J**	0.20	0.060	ug/Kg	☼	10/06/25 14:09	10/06/25 23:33	1
Perfluoroundecanoic acid (PFUnA)	**1.17**		0.20	0.099	ug/Kg	☼	10/06/25 14:09	10/06/25 23:33	1
Perfluorododecanoic acid (PFDoA)	**0.25**		0.20	0.099	ug/Kg	☼	10/06/25 14:09	10/06/25 23:33	1
Perfluorotridecanoic acid (PFTrDA)	**0.72**		0.20	0.099	ug/Kg	☼	10/06/25 14:09	10/06/25 23:33	1
Perfluorotetradecanoic acid (PFTeDA)	0.20	U	0.20	0.099	ug/Kg	☼	10/06/25 14:09	10/06/25 23:33	1
Perfluorobutanesulfonic acid (PFBS)	0.20	U	0.20	0.099	ug/Kg	☼	10/06/25 14:09	10/06/25 23:33	1
Perfluoropentanesulfonic acid (PFPeS)	0.20	U	0.20	0.099	ug/Kg	☼	10/06/25 14:09	10/06/25 23:33	1
Perfluorohexanesulfonic acid (PFHxS)	0.20	U	0.20	0.099	ug/Kg	☼	10/06/25 14:09	10/06/25 23:33	1
Perfluoroheptanesulfonic acid (PFHpS)	0.20	U	0.20	0.099	ug/Kg	☼	10/06/25 14:09	10/06/25 23:33	1
Perfluorooctanesulfonic acid (PFOS)	0.20	U	0.20	0.099	ug/Kg	☼	10/06/25 14:09	10/06/25 23:33	1
Perfluorononanesulfonic acid (PFNS)	0.20	U	0.20	0.099	ug/Kg	☼	10/06/25 14:09	10/06/25 23:33	1

Client Sample ID: 55A_3-6
Date Collected: 09/30/25 09:50
Date Received: 09/30/25 16:15

Lab Sample ID: 460-336081-2
Matrix: Solid
Percent Solids: 91.2

Method: EPA 1633A - Per- and Polyfluoroalkyl Substances by LC/MS/MS, 1633A (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Perfluorodecanesulfonic acid (PFDS)	0.20	U	0.20	0.099	ug/Kg	☼	10/06/25 14:09	10/06/25 23:33	1
Perfluorododecanesulfonic acid (PFDoS)	0.20	U	0.20	0.099	ug/Kg	☼	10/06/25 14:09	10/06/25 23:33	1
1H,1H,2H,2H-Perfluorohexane sulfonic acid (4:2 FTS)	0.40	U	0.40	0.20	ug/Kg	☼	10/06/25 14:09	10/06/25 23:33	1
1H,1H,2H,2H-Perfluorooctane sulfonic acid (6:2 FTS)	0.40	U	0.40	0.20	ug/Kg	☼	10/06/25 14:09	10/06/25 23:33	1
1H,1H,2H,2H-Perfluorodecane sulfonic acid (8:2 FTS)	0.40	U	0.40	0.20	ug/Kg	☼	10/06/25 14:09	10/06/25 23:33	1
Perfluorooctanesulfonamide (PFOSA)	0.20	U	0.20	0.099	ug/Kg	☼	10/06/25 14:09	10/06/25 23:33	1
N-methylperfluorooctane sulfonamide (NMeFOSA)	0.20	U	0.20	0.099	ug/Kg	☼	10/06/25 14:09	10/06/25 23:33	1
N-ethylperfluorooctane sulfonamide (NEtFOSA)	0.20	U	0.20	0.099	ug/Kg	☼	10/06/25 14:09	10/06/25 23:33	1
N-methylperfluorooctanesulfonamidoacetic acid (NMeFOSAA)	0.20	U	0.20	0.099	ug/Kg	☼	10/06/25 14:09	10/06/25 23:33	1
N-ethylperfluorooctanesulfonamidoacetic acid (NEtFOSAA)	0.20	U	0.20	0.099	ug/Kg	☼	10/06/25 14:09	10/06/25 23:33	1
N-methylperfluorooctane sulfonamidoethanol (NMeFOSE)	0.99	U	0.99	0.50	ug/Kg	☼	10/06/25 14:09	10/06/25 23:33	1
N-ethylperfluorooctane sulfonamidoethanol (NEtFOSE)	0.99	U	0.99	0.50	ug/Kg	☼	10/06/25 14:09	10/06/25 23:33	1
Hexafluoropropylene Oxide Dimer Acid (HFPO-DA)	0.20	U	0.20	0.099	ug/Kg	☼	10/06/25 14:09	10/06/25 23:33	1
4,8-Dioxa-3H-perfluorononanoic acid (ADONA)	0.20	U	0.20	0.099	ug/Kg	☼	10/06/25 14:09	10/06/25 23:33	1
Perfluoro-3-methoxypropanoic acid (PFMPA)	0.20	U	0.20	0.099	ug/Kg	☼	10/06/25 14:09	10/06/25 23:33	1
Perfluoro-4-methoxybutanoic acid (PFMBA)	0.20	U	0.20	0.099	ug/Kg	☼	10/06/25 14:09	10/06/25 23:33	1
Nonafluoro-3,6-dioxaheptanoic acid (NFDHA)	0.20	U	0.20	0.099	ug/Kg	☼	10/06/25 14:09	10/06/25 23:33	1
9-Chlorohexadecafluoro-3-oxanonane-1-sulfonic acid (9Cl-PF3ONS)	0.20	U	0.20	0.099	ug/Kg	☼	10/06/25 14:09	10/06/25 23:33	1
11-Chloroeicosafluoro-3-oxaundecane-1-sulfonic acid (11Cl-PF3OUdS)	0.20	U	0.20	0.099	ug/Kg	☼	10/06/25 14:09	10/06/25 23:33	1
Perfluoro (2-ethoxyethane) sulfonic acid (PFEESA)	0.20	U	0.20	0.099	ug/Kg	☼	10/06/25 14:09	10/06/25 23:33	1
3-Perfluoropropylpropanoic acid (3:3 FTCA)	0.40	U	0.40	0.20	ug/Kg	☼	10/06/25 14:09	10/06/25 23:33	1
3-Perfluoropentylpropanoic acid (5:3 FTCA)	0.99	U	0.99	0.50	ug/Kg	☼	10/06/25 14:09	10/06/25 23:33	1
3-Perfluoroheptylpropanoic acid (7:3 FTCA)	0.99	U	0.99	0.50	ug/Kg	☼	10/06/25 14:09	10/06/25 23:33	1

Isotope Dilution	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
13C4 PFBA	*113*		*8 - 130*	*10/06/25 14:09*	*10/06/25 23:33*	*1*
13C5 PFPeA	*109*		*35 - 130*	*10/06/25 14:09*	*10/06/25 23:33*	*1*
13C5 PFHxA	*108*		*40 - 130*	*10/06/25 14:09*	*10/06/25 23:33*	*1*
13C4 PFHpA	*116*		*40 - 130*	*10/06/25 14:09*	*10/06/25 23:33*	*1*
13C8 PFOA	*105*		*40 - 130*	*10/06/25 14:09*	*10/06/25 23:33*	*1*
13C9 PFNA	*105*		*40 - 130*	*10/06/25 14:09*	*10/06/25 23:33*	*1*
13C6 PFDA	*98.9*		*40 - 130*	*10/06/25 14:09*	*10/06/25 23:33*	*1*
13C7 PFUnA	*82.0*		*40 - 130*	*10/06/25 14:09*	*10/06/25 23:33*	*1*
13C2 PFTeDA	*42.8*		*20 - 130*	*10/06/25 14:09*	*10/06/25 23:33*	*1*

Client Sample ID: 55A_3-6
Date Collected: 09/30/25 09:50
Date Received: 09/30/25 16:15

Lab Sample ID: 460-336081-2
Matrix: Solid
Percent Solids: 91.2

Method: EPA 1633A - Per- and Polyfluoroalkyl Substances by LC/MS/MS, 1633A (Continued)

Isotope Dilution	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
13C3 PFBS	107		40 - 135	10/06/25 14:09	10/06/25 23:33	1
13C3 PFHxS	101		40 - 130	10/06/25 14:09	10/06/25 23:33	1
13C8 PFOS	96.9		40 - 130	10/06/25 14:09	10/06/25 23:33	1
13C8 FOSA	96.5		40 - 130	10/06/25 14:09	10/06/25 23:33	1
d3-NMeFOSAA	85.6		40 - 135	10/06/25 14:09	10/06/25 23:33	1
d5-NEtFOSAA	74.5		40 - 150	10/06/25 14:09	10/06/25 23:33	1
13C2 4:2 FTS	167	*	40 - 165	10/06/25 14:09	10/06/25 23:33	1
13C2 6:2 FTS	153		40 - 215	10/06/25 14:09	10/06/25 23:33	1
13C2 8:2 FTS	130		40 - 275	10/06/25 14:09	10/06/25 23:33	1
13C3 HFPO-DA	106		40 - 130	10/06/25 14:09	10/06/25 23:33	1
d7-N-MeFOSE-M	63.1		20 - 130	10/06/25 14:09	10/06/25 23:33	1
d9-N-EtFOSE-M	55.8		15 - 130	10/06/25 14:09	10/06/25 23:33	1
d5-NEtPFOSA	76.1		10 - 130	10/06/25 14:09	10/06/25 23:33	1
d3-NMePFOSA	84.9		10 - 130	10/06/25 14:09	10/06/25 23:33	1
13C2 PFDoA	80.1		40 - 130	10/06/25 14:09	10/06/25 23:33	1

Method: SW846 6020B - Metals (ICP/MS)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Aluminum	10400		20.1	5.5	mg/Kg	☼	10/06/25 07:14	10/06/25 18:43	1
Antimony	0.72	J	1.0	0.15	mg/Kg	☼	10/06/25 07:14	10/06/25 18:43	1
Arsenic	6.6		1.0	0.10	mg/Kg	☼	10/06/25 07:14	10/06/25 18:43	1
Barium	105	N	2.0	0.15	mg/Kg	☼	10/06/25 07:14	10/06/25 18:43	1
Beryllium	1.6		0.40	0.022	mg/Kg	☼	10/06/25 07:14	10/06/25 18:43	1
Cadmium	0.19	J	1.0	0.11	mg/Kg	☼	10/06/25 07:14	10/06/25 18:43	1
Calcium	2450		101	9.8	mg/Kg	☼	10/06/25 07:14	10/06/25 18:43	1
Chromium	45.5		2.0	0.30	mg/Kg	☼	10/06/25 07:14	10/06/25 18:43	1
Cobalt	13.4		1.0	0.15	mg/Kg	☼	10/06/25 07:14	10/06/25 18:43	1
Copper	74.8		2.0	0.37	mg/Kg	☼	10/06/25 07:14	10/06/25 18:43	1
Iron	24800		60.3	7.7	mg/Kg	☼	10/06/25 07:14	10/06/25 18:43	1
Lead	141		0.60	0.20	mg/Kg	☼	10/06/25 07:14	10/06/25 18:43	1
Magnesium	1890		101	10.3	mg/Kg	☼	10/06/25 07:14	10/06/25 18:43	1
Manganese	202		4.0	0.41	mg/Kg	☼	10/06/25 07:14	10/06/25 18:43	1
Nickel	68.3		2.0	0.18	mg/Kg	☼	10/06/25 07:14	10/06/25 18:43	1
Potassium	1230		101	16.3	mg/Kg	☼	10/06/25 07:14	10/06/25 18:43	1
Selenium	0.47	J	1.3	0.13	mg/Kg	☼	10/06/25 07:14	10/06/25 18:43	1
Silver	0.19	J	0.40	0.090	mg/Kg	☼	10/06/25 07:14	10/06/25 18:43	1
Sodium	213		101	46.0	mg/Kg	☼	10/06/25 07:14	10/06/25 18:43	1
Thallium	0.12	J	0.40	0.041	mg/Kg	☼	10/06/25 07:14	10/06/25 18:43	1
Vanadium	27.2		2.0	0.21	mg/Kg	☼	10/06/25 07:14	10/06/25 18:43	1
Zinc	239		8.0	1.1	mg/Kg	☼	10/06/25 07:14	10/06/25 18:43	1

Method: SW846 7471B - Mercury (CVAA)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	0.027		0.018	0.0085	mg/Kg	☼	10/06/25 02:16	10/06/25 12:06	1

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Percent Moisture (EPA Moisture)	8.8		1.0	1.0	%			10/05/25 11:23	1
Percent Solids (EPA Moisture)	91.2		1.0	1.0	%			10/05/25 11:23	1

Client: Haley & Aldrich, Inc.
Project/Site: Former Port Mobil

Job ID: 460-336081-1

Client Sample ID: 55B_0-3
Date Collected: 09/30/25 09:55
Date Received: 09/30/25 16:15

Lab Sample ID: 460-336081-3
Matrix: Solid
Percent Solids: 95.6

Method: SW846 8270E - Semivolatile Organic Compounds (GC/MS)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1'-Biphenyl	0.35	U	0.35	0.012	mg/Kg	☼	10/01/25 20:32	10/02/25 09:31	1
1,2,4,5-Tetrachlorobenzene	0.35	U	0.35	0.011	mg/Kg	☼	10/01/25 20:32	10/02/25 09:31	1
1,4-Dioxane	0.035	U	0.035	0.030	mg/Kg	☼	10/01/25 20:32	10/02/25 09:31	1
2,2'-oxybis[1-chloropropane]	0.35	U	0.35	0.021	mg/Kg	☼	10/01/25 20:32	10/02/25 09:31	1
2,3,4,6-Tetrachlorophenol	0.35	U	0.35	0.023	mg/Kg	☼	10/01/25 20:32	10/02/25 09:31	1
2,4,5-Trichlorophenol	0.35	U	0.35	0.035	mg/Kg	☼	10/01/25 20:32	10/02/25 09:31	1
2,4,6-Trichlorophenol	0.14	U	0.14	0.044	mg/Kg	☼	10/01/25 20:32	10/02/25 09:31	1
2,4-Dichlorophenol	0.14	U	0.14	0.022	mg/Kg	☼	10/01/25 20:32	10/02/25 09:31	1
2,4-Dimethylphenol	0.35	U	0.35	0.041	mg/Kg	☼	10/01/25 20:32	10/02/25 09:31	1
2,4-Dinitrophenol	0.28	U	0.28	0.17	mg/Kg	☼	10/01/25 20:32	10/02/25 09:31	1
2,4-Dinitrotoluene	0.070	U	0.070	0.037	mg/Kg	☼	10/01/25 20:32	10/02/25 09:31	1
2,6-Dinitrotoluene	0.070	U	0.070	0.025	mg/Kg	☼	10/01/25 20:32	10/02/25 09:31	1
2-Chloronaphthalene	0.35	U	0.35	0.044	mg/Kg	☼	10/01/25 20:32	10/02/25 09:31	1
2-Chlorophenol	0.35	U	0.35	0.012	mg/Kg	☼	10/01/25 20:32	10/02/25 09:31	1
2-Methylnaphthalene	0.35	U	0.35	0.0097	mg/Kg	☼	10/01/25 20:32	10/02/25 09:31	1
2-Methylphenol	0.35	U	0.35	0.013	mg/Kg	☼	10/01/25 20:32	10/02/25 09:31	1
2-Nitroaniline	0.35	U	0.35	0.026	mg/Kg	☼	10/01/25 20:32	10/02/25 09:31	1
2-Nitrophenol	0.35	U	0.35	0.035	mg/Kg	☼	10/01/25 20:32	10/02/25 09:31	1
3 & 4 Methylphenol	0.35	U	0.35	0.022	mg/Kg	☼	10/01/25 20:32	10/02/25 09:31	1
3,3'-Dichlorobenzidine	0.14	U	0.14	0.052	mg/Kg	☼	10/01/25 20:32	10/02/25 09:31	1
3-Nitroaniline	0.35	U	0.35	0.082	mg/Kg	☼	10/01/25 20:32	10/02/25 09:31	1
4,6-Dinitro-2-methylphenol	0.28	U	0.28	0.14	mg/Kg	☼	10/01/25 20:32	10/02/25 09:31	1
4-Bromophenyl phenyl ether	0.35	U	0.35	0.014	mg/Kg	☼	10/01/25 20:32	10/02/25 09:31	1
4-Chloro-3-methylphenol	0.35	U	0.35	0.019	mg/Kg	☼	10/01/25 20:32	10/02/25 09:31	1
4-Chloroaniline	0.35	U	0.35	0.061	mg/Kg	☼	10/01/25 20:32	10/02/25 09:31	1
4-Chlorophenyl phenyl ether	0.35	U	0.35	0.012	mg/Kg	☼	10/01/25 20:32	10/02/25 09:31	1
4-Methylphenol	0.35	U	0.35	0.022	mg/Kg	☼	10/01/25 20:32	10/02/25 09:31	1
4-Nitroaniline	0.35	U	0.35	0.088	mg/Kg	☼	10/01/25 20:32	10/02/25 09:31	1
4-Nitrophenol	0.70	U	0.70	0.056	mg/Kg	☼	10/01/25 20:32	10/02/25 09:31	1
Acenaphthene	0.35	U	0.35	0.0099	mg/Kg	☼	10/01/25 20:32	10/02/25 09:31	1
Acenaphthylene	0.35	U	0.35	0.0099	mg/Kg	☼	10/01/25 20:32	10/02/25 09:31	1
Acetophenone	0.35	U	0.35	0.017	mg/Kg	☼	10/01/25 20:32	10/02/25 09:31	1
Anthracene	0.35	U	0.35	0.011	mg/Kg	☼	10/01/25 20:32	10/02/25 09:31	1
Atrazine	0.14	U	0.14	0.020	mg/Kg	☼	10/01/25 20:32	10/02/25 09:31	1
Benzaldehyde	0.35	U	0.35	0.057	mg/Kg	☼	10/01/25 20:32	10/02/25 09:31	1
Benzo[a]anthracene	0.035	U	0.035	0.026	mg/Kg	☼	10/01/25 20:32	10/02/25 09:31	1
Benzo[a]pyrene	0.035	U	0.035	0.0092	mg/Kg	☼	10/01/25 20:32	10/02/25 09:31	1
Benzo[b]fluoranthene	0.035	U	0.035	0.0089	mg/Kg	☼	10/01/25 20:32	10/02/25 09:31	1
Benzo[g,h,i]perylene	0.35	U	0.35	0.010	mg/Kg	☼	10/01/25 20:32	10/02/25 09:31	1
Benzo[k]fluoranthene	0.035	U	0.035	0.0068	mg/Kg	☼	10/01/25 20:32	10/02/25 09:31	1
Bis(2-chloroethoxy)methane	0.35	U	0.35	0.064	mg/Kg	☼	10/01/25 20:32	10/02/25 09:31	1
Bis(2-chloroethyl)ether	0.035	U	0.035	0.012	mg/Kg	☼	10/01/25 20:32	10/02/25 09:31	1
Bis(2-ethylhexyl) phthalate	0.35	U	0.35	0.018	mg/Kg	☼	10/01/25 20:32	10/02/25 09:31	1
Butyl benzyl phthalate	0.35	U	0.35	0.016	mg/Kg	☼	10/01/25 20:32	10/02/25 09:31	1
Caprolactam	0.35	U	0.35	0.054	mg/Kg	☼	10/01/25 20:32	10/02/25 09:31	1
Carbazole	0.35	U	0.35	0.013	mg/Kg	☼	10/01/25 20:32	10/02/25 09:31	1
Chrysene	0.35	U	0.35	0.015	mg/Kg	☼	10/01/25 20:32	10/02/25 09:31	1
Dibenz(a,h)anthracene	0.035	U	0.035	0.015	mg/Kg	☼	10/01/25 20:32	10/02/25 09:31	1
Dibenzofuran	0.35	U	0.35	0.012	mg/Kg	☼	10/01/25 20:32	10/02/25 09:31	1

Client Sample ID: 55B_0-3
Date Collected: 09/30/25 09:55
Date Received: 09/30/25 16:15

Lab Sample ID: 460-336081-3
Matrix: Solid
Percent Solids: 95.6

Method: SW846 8270E - Semivolatile Organic Compounds (GC/MS) (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Diethyl phthalate	0.35	U	0.35	0.011	mg/Kg	☼	10/01/25 20:32	10/02/25 09:31	1
Dimethyl phthalate	0.35	U	0.35	0.079	mg/Kg	☼	10/01/25 20:32	10/02/25 09:31	1
Di-n-butyl phthalate	0.35	U	0.35	0.013	mg/Kg	☼	10/01/25 20:32	10/02/25 09:31	1
Di-n-octyl phthalate	0.35	U	0.35	0.018	mg/Kg	☼	10/01/25 20:32	10/02/25 09:31	1
Fluoranthene	0.35	U	0.35	0.012	mg/Kg	☼	10/01/25 20:32	10/02/25 09:31	1
Fluorene	0.35	U	0.35	0.010	mg/Kg	☼	10/01/25 20:32	10/02/25 09:31	1
Hexachlorobenzene	0.035	U	0.035	0.016	mg/Kg	☼	10/01/25 20:32	10/02/25 09:31	1
Hexachlorobutadiene	0.070	U	0.070	0.0074	mg/Kg	☼	10/01/25 20:32	10/02/25 09:31	1
Hexachlorocyclopentadiene	0.35	U	0.35	0.030	mg/Kg	☼	10/01/25 20:32	10/02/25 09:31	1
Hexachloroethane	0.035	U	0.035	0.012	mg/Kg	☼	10/01/25 20:32	10/02/25 09:31	1
Indeno[1,2,3-cd]pyrene	0.035	U	0.035	0.014	mg/Kg	☼	10/01/25 20:32	10/02/25 09:31	1
Isophorone	0.14	U	0.14	0.10	mg/Kg	☼	10/01/25 20:32	10/02/25 09:31	1
Naphthalene	0.35	U	0.35	0.0060	mg/Kg	☼	10/01/25 20:32	10/02/25 09:31	1
Nitrobenzene	0.035	U	0.035	0.019	mg/Kg	☼	10/01/25 20:32	10/02/25 09:31	1
N-Nitrosodi-n-propylamine	0.035	U	0.035	0.025	mg/Kg	☼	10/01/25 20:32	10/02/25 09:31	1
N-Nitrosodiphenylamine	0.35	U	0.35	0.028	mg/Kg	☼	10/01/25 20:32	10/02/25 09:31	1
Pentachlorophenol	0.28	U	0.28	0.071	mg/Kg	☼	10/01/25 20:32	10/02/25 09:31	1
Phenanthrene	0.35	U	0.35	0.014	mg/Kg	☼	10/01/25 20:32	10/02/25 09:31	1
Phenol	0.35	U	0.35	0.013	mg/Kg	☼	10/01/25 20:32	10/02/25 09:31	1
Pyrene	0.35	U	0.35	0.0086	mg/Kg	☼	10/01/25 20:32	10/02/25 09:31	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
2,4,6-Tribromophenol (Surr)	*66*		*18 - 137*	*10/01/25 20:32*	*10/02/25 09:31*	*1*
2-Fluorobiphenyl	*66*		*33 - 117*	*10/01/25 20:32*	*10/02/25 09:31*	*1*
2-Fluorophenol (Surr)	*67*		*24 - 120*	*10/01/25 20:32*	*10/02/25 09:31*	*1*
Nitrobenzene-d5 (Surr)	*68*		*27 - 120*	*10/01/25 20:32*	*10/02/25 09:31*	*1*
Phenol-d5 (Surr)	*67*		*28 - 118*	*10/01/25 20:32*	*10/02/25 09:31*	*1*
Terphenyl-d14 (Surr)	*76*		*33 - 124*	*10/01/25 20:32*	*10/02/25 09:31*	*1*

Method: SW846 8081B - Organochlorine Pesticides (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
4,4'-DDD	0.0070	U	0.0070	0.0012	mg/Kg	☼	10/01/25 16:50	10/02/25 07:36	1
4,4'-DDE	0.0070	U	0.0070	0.00083	mg/Kg	☼	10/01/25 16:50	10/02/25 07:36	1
4,4'-DDT	0.0070	U	0.0070	0.0013	mg/Kg	☼	10/01/25 16:50	10/02/25 07:36	1
Aldrin	0.0070	U	0.0070	0.0011	mg/Kg	☼	10/01/25 16:50	10/02/25 07:36	1
alpha-BHC	0.0021	U	0.0021	0.00071	mg/Kg	☼	10/01/25 16:50	10/02/25 07:36	1
beta-BHC	0.0021	U	0.0021	0.00078	mg/Kg	☼	10/01/25 16:50	10/02/25 07:36	1
Chlordane (technical)	0.070	U	0.070	0.017	mg/Kg	☼	10/01/25 16:50	10/02/25 07:36	1
cis-Chlordane	0.0070	U	0.0070	0.0011	mg/Kg	☼	10/01/25 16:50	10/02/25 07:36	1
delta-BHC	0.0021	U	0.0021	0.00043	mg/Kg	☼	10/01/25 16:50	10/02/25 07:36	1
Dieldrin	0.0021	U	0.0021	0.00091	mg/Kg	☼	10/01/25 16:50	10/02/25 07:36	1
Endosulfan I	0.0070	U	0.0070	0.0011	mg/Kg	☼	10/01/25 16:50	10/02/25 07:36	1
Endosulfan II	0.0070	U	0.0070	0.0018	mg/Kg	☼	10/01/25 16:50	10/02/25 07:36	1
Endosulfan sulfate	0.0070	U	0.0070	0.00088	mg/Kg	☼	10/01/25 16:50	10/02/25 07:36	1
Endrin	0.0070	U	0.0070	0.0010	mg/Kg	☼	10/01/25 16:50	10/02/25 07:36	1
Endrin aldehyde	0.0070	U	0.0070	0.0017	mg/Kg	☼	10/01/25 16:50	10/02/25 07:36	1
Endrin ketone	0.0070	U	0.0070	0.0014	mg/Kg	☼	10/01/25 16:50	10/02/25 07:36	1
gamma-BHC (Lindane)	0.0021	U	0.0021	0.00065	mg/Kg	☼	10/01/25 16:50	10/02/25 07:36	1
Heptachlor	0.0070	U	0.0070	0.00083	mg/Kg	☼	10/01/25 16:50	10/02/25 07:36	1
Heptachlor epoxide	0.0070	U	0.0070	0.0010	mg/Kg	☼	10/01/25 16:50	10/02/25 07:36	1

Client Sample ID: 55B_0-3
Date Collected: 09/30/25 09:55
Date Received: 09/30/25 16:15

Lab Sample ID: 460-336081-3
Matrix: Solid
Percent Solids: 95.6

Method: SW846 8081B - Organochlorine Pesticides (GC) (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Methoxychlor	0.0070	U	0.0070	0.0016	mg/Kg	☼	10/01/25 16:50	10/02/25 07:36	1
Toxaphene	0.070	U	0.070	0.025	mg/Kg	☼	10/01/25 16:50	10/02/25 07:36	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
DCB Decachlorobiphenyl	*95*		*10 - 150*	*10/01/25 16:50*	*10/02/25 07:36*	*1*
DCB Decachlorobiphenyl	*119*		*10 - 150*	*10/01/25 16:50*	*10/02/25 07:36*	*1*
Tetrachloro-m-xylene	*97*		*14 - 150*	*10/01/25 16:50*	*10/02/25 07:36*	*1*
Tetrachloro-m-xylene	*98*		*14 - 150*	*10/01/25 16:50*	*10/02/25 07:36*	*1*

Method: SW846 8082A - Polychlorinated Biphenyls (PCBs) by Gas Chromatography

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Aroclor 1016	0.070	U	0.070	0.019	mg/Kg	☼	10/01/25 16:38	10/02/25 16:22	1
Aroclor 1221	0.070	U	0.070	0.019	mg/Kg	☼	10/01/25 16:38	10/02/25 16:22	1
Aroclor 1232	0.070	U	0.070	0.019	mg/Kg	☼	10/01/25 16:38	10/02/25 16:22	1
Aroclor 1242	0.070	U	0.070	0.019	mg/Kg	☼	10/01/25 16:38	10/02/25 16:22	1
Aroclor 1248	0.070	U	0.070	0.019	mg/Kg	☼	10/01/25 16:38	10/02/25 16:22	1
Aroclor 1254	0.070	U	0.070	0.019	mg/Kg	☼	10/01/25 16:38	10/02/25 16:22	1
Aroclor 1260	0.070	U	0.070	0.019	mg/Kg	☼	10/01/25 16:38	10/02/25 16:22	1
Aroclor-1262	0.070	U	0.070	0.019	mg/Kg	☼	10/01/25 16:38	10/02/25 16:22	1
Aroclor 1268	0.070	U	0.070	0.019	mg/Kg	☼	10/01/25 16:38	10/02/25 16:22	1
Polychlorinated biphenyls, Total	0.070	U	0.070	0.019	mg/Kg	☼	10/01/25 16:38	10/02/25 16:22	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
DCB Decachlorobiphenyl	*146*		*10 - 150*	*10/01/25 16:38*	*10/02/25 16:22*	*1*
DCB Decachlorobiphenyl	*153*	*	*10 - 150*	*10/01/25 16:38*	*10/02/25 16:22*	*1*
Tetrachloro-m-xylene	*145*		*10 - 150*	*10/01/25 16:38*	*10/02/25 16:22*	*1*
Tetrachloro-m-xylene	*153*	*	*10 - 150*	*10/01/25 16:38*	*10/02/25 16:22*	*1*

Method: EPA 1633A - Per- and Polyfluoroalkyl Substances by LC/MS/MS, 1633A

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Perfluorobutanoic acid (PFBA)	0.40	U	0.40	0.10	ug/Kg	☼	10/06/25 14:09	10/06/25 23:47	1
Perfluoropentanoic acid (PFPeA)	0.20	U	0.20	0.10	ug/Kg	☼	10/06/25 14:09	10/06/25 23:47	1
Perfluorohexanoic acid (PFHxA)	0.20	U	0.20	0.10	ug/Kg	☼	10/06/25 14:09	10/06/25 23:47	1
Perfluoroheptanoic acid (PFHpA)	0.20	U	0.20	0.10	ug/Kg	☼	10/06/25 14:09	10/06/25 23:47	1
Perfluorooctanoic acid (PFOA)	**0.14**	**J**	0.20	0.060	ug/Kg	☼	10/06/25 14:09	10/06/25 23:47	1
Perfluorononanoic acid (PFNA)	**0.42**		0.20	0.10	ug/Kg	☼	10/06/25 14:09	10/06/25 23:47	1
Perfluorodecanoic acid (PFDA)	**0.23**		0.20	0.060	ug/Kg	☼	10/06/25 14:09	10/06/25 23:47	1
Perfluoroundecanoic acid (PFUnA)	**0.86**		0.20	0.10	ug/Kg	☼	10/06/25 14:09	10/06/25 23:47	1
Perfluorododecanoic acid (PFDoA)	**0.11**	**J**	0.20	0.10	ug/Kg	☼	10/06/25 14:09	10/06/25 23:47	1
Perfluorotridecanoic acid (PFTrDA)	**0.39**		0.20	0.10	ug/Kg	☼	10/06/25 14:09	10/06/25 23:47	1
Perfluorotetradecanoic acid (PFTeDA)	0.20	U	0.20	0.10	ug/Kg	☼	10/06/25 14:09	10/06/25 23:47	1
Perfluorobutanesulfonic acid (PFBS)	0.20	U	0.20	0.10	ug/Kg	☼	10/06/25 14:09	10/06/25 23:47	1
Perfluoropentanesulfonic acid (PFPeS)	0.20	U	0.20	0.10	ug/Kg	☼	10/06/25 14:09	10/06/25 23:47	1
Perfluorohexanesulfonic acid (PFHxS)	0.20	U	0.20	0.10	ug/Kg	☼	10/06/25 14:09	10/06/25 23:47	1
Perfluoroheptanesulfonic acid (PFHpS)	0.20	U	0.20	0.10	ug/Kg	☼	10/06/25 14:09	10/06/25 23:47	1
Perfluorooctanesulfonic acid (PFOS)	0.20	U	0.20	0.10	ug/Kg	☼	10/06/25 14:09	10/06/25 23:47	1
Perfluorononanesulfonic acid (PFNS)	0.20	U	0.20	0.10	ug/Kg	☼	10/06/25 14:09	10/06/25 23:47	1

Client Sample ID: 55B_0-3
Date Collected: 09/30/25 09:55
Date Received: 09/30/25 16:15

Lab Sample ID: 460-336081-3
Matrix: Solid
Percent Solids: 95.6

Method: EPA 1633A - Per- and Polyfluoroalkyl Substances by LC/MS/MS, 1633A (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Perfluorodecanesulfonic acid (PFDS)	0.20	U	0.20	0.10	ug/Kg	☼	10/06/25 14:09	10/06/25 23:47	1
Perfluorododecanesulfonic acid (PFDoS)	0.20	U	0.20	0.10	ug/Kg	☼	10/06/25 14:09	10/06/25 23:47	1
1H,1H,2H,2H-Perfluorohexane sulfonic acid (4:2 FTS)	0.40	U	0.40	0.20	ug/Kg	☼	10/06/25 14:09	10/06/25 23:47	1
1H,1H,2H,2H-Perfluorooctane sulfonic acid (6:2 FTS)	0.40	U	0.40	0.20	ug/Kg	☼	10/06/25 14:09	10/06/25 23:47	1
1H,1H,2H,2H-Perfluorodecane sulfonic acid (8:2 FTS)	0.40	U	0.40	0.20	ug/Kg	☼	10/06/25 14:09	10/06/25 23:47	1
Perfluorooctanesulfonamide (PFOSA)	0.20	U	0.20	0.10	ug/Kg	☼	10/06/25 14:09	10/06/25 23:47	1
N-methylperfluorooctane sulfonamide (NMeFOSA)	0.20	U	0.20	0.10	ug/Kg	☼	10/06/25 14:09	10/06/25 23:47	1
N-ethylperfluorooctane sulfonamide (NEtFOSA)	0.20	U	0.20	0.10	ug/Kg	☼	10/06/25 14:09	10/06/25 23:47	1
N-methylperfluorooctanesulfonamidoacetic acid (NMeFOSAA)	0.20	U	0.20	0.10	ug/Kg	☼	10/06/25 14:09	10/06/25 23:47	1
N-ethylperfluorooctanesulfonamidoacetic acid (NEtFOSAA)	0.20	U	0.20	0.10	ug/Kg	☼	10/06/25 14:09	10/06/25 23:47	1
N-methylperfluorooctane sulfonamidoethanol (NMeFOSE)	1.00	U	1.00	0.50	ug/Kg	☼	10/06/25 14:09	10/06/25 23:47	1
N-ethylperfluorooctane sulfonamidoethanol (NEtFOSE)	1.00	U	1.00	0.50	ug/Kg	☼	10/06/25 14:09	10/06/25 23:47	1
Hexafluoropropylene Oxide Dimer Acid (HFPO-DA)	0.20	U	0.20	0.10	ug/Kg	☼	10/06/25 14:09	10/06/25 23:47	1
4,8-Dioxa-3H-perfluorononanoic acid (ADONA)	0.20	U	0.20	0.10	ug/Kg	☼	10/06/25 14:09	10/06/25 23:47	1
Perfluoro-3-methoxypropanoic acid (PFMPA)	0.20	U	0.20	0.10	ug/Kg	☼	10/06/25 14:09	10/06/25 23:47	1
Perfluoro-4-methoxybutanoic acid (PFMBA)	0.20	U	0.20	0.10	ug/Kg	☼	10/06/25 14:09	10/06/25 23:47	1
Nonafluoro-3,6-dioxaheptanoic acid (NFDHA)	0.20	U	0.20	0.10	ug/Kg	☼	10/06/25 14:09	10/06/25 23:47	1
9-Chlorohexadecafluoro-3-oxanonane-1-sulfonic acid (9Cl-PF3ONS)	0.20	U	0.20	0.10	ug/Kg	☼	10/06/25 14:09	10/06/25 23:47	1
11-Chloroeicosafluoro-3-oxaundecane-1-sulfonic acid (11Cl-PF3OUdS)	0.20	U	0.20	0.10	ug/Kg	☼	10/06/25 14:09	10/06/25 23:47	1
Perfluoro (2-ethoxyethane) sulfonic acid (PFEESA)	0.20	U	0.20	0.10	ug/Kg	☼	10/06/25 14:09	10/06/25 23:47	1
3-Perfluoropropylpropanoic acid (3:3 FTCA)	0.40	U	0.40	0.20	ug/Kg	☼	10/06/25 14:09	10/06/25 23:47	1
3-Perfluoropentylpropanoic acid (5:3 FTCA)	1.00	U	1.00	0.50	ug/Kg	☼	10/06/25 14:09	10/06/25 23:47	1
3-Perfluoroheptylpropanoic acid (7:3 FTCA)	1.00	U	1.00	0.50	ug/Kg	☼	10/06/25 14:09	10/06/25 23:47	1

Isotope Dilution	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
13C4 PFBA	*117*		*8 - 130*	*10/06/25 14:09*	*10/06/25 23:47*	*1*
13C5 PFPeA	*113*		*35 - 130*	*10/06/25 14:09*	*10/06/25 23:47*	*1*
13C5 PFHxA	*109*		*40 - 130*	*10/06/25 14:09*	*10/06/25 23:47*	*1*
13C4 PFHpA	*116*		*40 - 130*	*10/06/25 14:09*	*10/06/25 23:47*	*1*
13C8 PFOA	*108*		*40 - 130*	*10/06/25 14:09*	*10/06/25 23:47*	*1*
13C9 PFNA	*106*		*40 - 130*	*10/06/25 14:09*	*10/06/25 23:47*	*1*
13C6 PFDA	*107*		*40 - 130*	*10/06/25 14:09*	*10/06/25 23:47*	*1*
13C7 PFUnA	*91.6*		*40 - 130*	*10/06/25 14:09*	*10/06/25 23:47*	*1*
13C2 PFTeDA	*56.8*		*20 - 130*	*10/06/25 14:09*	*10/06/25 23:47*	*1*

Client Sample ID: 55B_0-3

Date Collected: 09/30/25 09:55
Date Received: 09/30/25 16:15

Lab Sample ID: 460-336081-3

Matrix: Solid
Percent Solids: 95.6

Method: EPA 1633A - Per- and Polyfluoroalkyl Substances by LC/MS/MS, 1633A (Continued)

Isotope Dilution	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
13C3 PFBS	111		40 - 135	10/06/25 14:09	10/06/25 23:47	1
13C3 PFHxS	103		40 - 130	10/06/25 14:09	10/06/25 23:47	1
13C8 PFOS	105		40 - 130	10/06/25 14:09	10/06/25 23:47	1
13C8 FOSA	98.5		40 - 130	10/06/25 14:09	10/06/25 23:47	1
d3-NMeFOSAA	93.2		40 - 135	10/06/25 14:09	10/06/25 23:47	1
d5-NEtFOSAA	88.4		40 - 150	10/06/25 14:09	10/06/25 23:47	1
13C2 4:2 FTS	152		40 - 165	10/06/25 14:09	10/06/25 23:47	1
13C2 6:2 FTS	133		40 - 215	10/06/25 14:09	10/06/25 23:47	1
13C2 8:2 FTS	121		40 - 275	10/06/25 14:09	10/06/25 23:47	1
13C3 HFPO-DA	116		40 - 130	10/06/25 14:09	10/06/25 23:47	1
d7-N-MeFOSE-M	64.5		20 - 130	10/06/25 14:09	10/06/25 23:47	1
d9-N-EtFOSE-M	60.0		15 - 130	10/06/25 14:09	10/06/25 23:47	1
d5-NEtPFOSA	77.6		10 - 130	10/06/25 14:09	10/06/25 23:47	1
d3-NMePFOSA	86.9		10 - 130	10/06/25 14:09	10/06/25 23:47	1
13C2 PFDoA	93.4		40 - 130	10/06/25 14:09	10/06/25 23:47	1

Method: SW846 6020B - Metals (ICP/MS)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Aluminum	5390		18.7	5.1	mg/Kg	☼	10/06/25 07:14	10/06/25 18:46	1
Antimony	0.74	J	0.93	0.14	mg/Kg	☼	10/06/25 07:14	10/06/25 18:46	1
Arsenic	6.9		0.93	0.096	mg/Kg	☼	10/06/25 07:14	10/06/25 18:46	1
Barium	45.8		1.9	0.14	mg/Kg	☼	10/06/25 07:14	10/06/25 18:46	1
Beryllium	0.53		0.37	0.021	mg/Kg	☼	10/06/25 07:14	10/06/25 18:46	1
Cadmium	0.12	J	0.93	0.11	mg/Kg	☼	10/06/25 07:14	10/06/25 18:46	1
Calcium	851		93.4	9.1	mg/Kg	☼	10/06/25 07:14	10/06/25 18:46	1
Chromium	16.8		1.9	0.28	mg/Kg	☼	10/06/25 07:14	10/06/25 18:46	1
Cobalt	5.9		0.93	0.14	mg/Kg	☼	10/06/25 07:14	10/06/25 18:46	1
Copper	39.2		1.9	0.34	mg/Kg	☼	10/06/25 07:14	10/06/25 18:46	1
Iron	16100		56.0	7.1	mg/Kg	☼	10/06/25 07:14	10/06/25 18:46	1
Lead	90.8		0.56	0.19	mg/Kg	☼	10/06/25 07:14	10/06/25 18:46	1
Magnesium	804		93.4	9.5	mg/Kg	☼	10/06/25 07:14	10/06/25 18:46	1
Manganese	81.0		3.7	0.38	mg/Kg	☼	10/06/25 07:14	10/06/25 18:46	1
Nickel	21.6		1.9	0.17	mg/Kg	☼	10/06/25 07:14	10/06/25 18:46	1
Potassium	691		93.4	15.1	mg/Kg	☼	10/06/25 07:14	10/06/25 18:46	1
Selenium	0.45	J	1.2	0.12	mg/Kg	☼	10/06/25 07:14	10/06/25 18:46	1
Silver	0.18	J	0.37	0.083	mg/Kg	☼	10/06/25 07:14	10/06/25 18:46	1
Sodium	110		93.4	42.7	mg/Kg	☼	10/06/25 07:14	10/06/25 18:46	1
Thallium	0.092	J	0.37	0.038	mg/Kg	☼	10/06/25 07:14	10/06/25 18:46	1
Vanadium	21.5		1.9	0.19	mg/Kg	☼	10/06/25 07:14	10/06/25 18:46	1
Zinc	140		7.5	1.0	mg/Kg	☼	10/06/25 07:14	10/06/25 18:46	1

Method: SW846 7471B - Mercury (CVAA)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	0.016	J	0.017	0.0081	mg/Kg	☼	10/06/25 02:16	10/06/25 12:09	1

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Percent Moisture (EPA Moisture)	4.4		1.0	1.0	%			10/05/25 11:23	1
Percent Solids (EPA Moisture)	95.6		1.0	1.0	%			10/05/25 11:23	1

Client Sample ID: 55B_3-6
Date Collected: 09/30/25 10:00
Date Received: 09/30/25 16:15

Lab Sample ID: 460-336081-4
Matrix: Solid
Percent Solids: 93.1

Method: SW846 8270E - Semivolatile Organic Compounds (GC/MS)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1'-Biphenyl	0.35	U	0.35	0.012	mg/Kg	☼	10/01/25 20:32	10/02/25 09:54	1
1,2,4,5-Tetrachlorobenzene	0.35	U	0.35	0.011	mg/Kg	☼	10/01/25 20:32	10/02/25 09:54	1
1,4-Dioxane	0.035	U	0.035	0.031	mg/Kg	☼	10/01/25 20:32	10/02/25 09:54	1
2,2'-oxybis[1-chloropropane]	0.35	U	0.35	0.021	mg/Kg	☼	10/01/25 20:32	10/02/25 09:54	1
2,3,4,6-Tetrachlorophenol	0.35	U	0.35	0.024	mg/Kg	☼	10/01/25 20:32	10/02/25 09:54	1
2,4,5-Trichlorophenol	0.35	U	0.35	0.036	mg/Kg	☼	10/01/25 20:32	10/02/25 09:54	1
2,4,6-Trichlorophenol	0.14	U	0.14	0.045	mg/Kg	☼	10/01/25 20:32	10/02/25 09:54	1
2,4-Dichlorophenol	0.14	U	0.14	0.023	mg/Kg	☼	10/01/25 20:32	10/02/25 09:54	1
2,4-Dimethylphenol	0.35	U	0.35	0.042	mg/Kg	☼	10/01/25 20:32	10/02/25 09:54	1
2,4-Dinitrophenol	0.28	U	0.28	0.17	mg/Kg	☼	10/01/25 20:32	10/02/25 09:54	1
2,4-Dinitrotoluene	0.071	U	0.071	0.038	mg/Kg	☼	10/01/25 20:32	10/02/25 09:54	1
2,6-Dinitrotoluene	0.071	U	0.071	0.025	mg/Kg	☼	10/01/25 20:32	10/02/25 09:54	1
2-Chloronaphthalene	0.35	U	0.35	0.045	mg/Kg	☼	10/01/25 20:32	10/02/25 09:54	1
2-Chlorophenol	0.35	U	0.35	0.013	mg/Kg	☼	10/01/25 20:32	10/02/25 09:54	1
2-Methylnaphthalene	0.35	U	0.35	0.0099	mg/Kg	☼	10/01/25 20:32	10/02/25 09:54	1
2-Methylphenol	0.35	U	0.35	0.013	mg/Kg	☼	10/01/25 20:32	10/02/25 09:54	1
2-Nitroaniline	0.35	U	0.35	0.027	mg/Kg	☼	10/01/25 20:32	10/02/25 09:54	1
2-Nitrophenol	0.35	U	0.35	0.035	mg/Kg	☼	10/01/25 20:32	10/02/25 09:54	1
3 & 4 Methylphenol	0.35	U	0.35	0.022	mg/Kg	☼	10/01/25 20:32	10/02/25 09:54	1
3,3'-Dichlorobenzidine	0.14	U	0.14	0.053	mg/Kg	☼	10/01/25 20:32	10/02/25 09:54	1
3-Nitroaniline	0.35	U	0.35	0.084	mg/Kg	☼	10/01/25 20:32	10/02/25 09:54	1
4,6-Dinitro-2-methylphenol	0.28	U	0.28	0.14	mg/Kg	☼	10/01/25 20:32	10/02/25 09:54	1
4-Bromophenyl phenyl ether	0.35	U	0.35	0.014	mg/Kg	☼	10/01/25 20:32	10/02/25 09:54	1
4-Chloro-3-methylphenol	0.35	U	0.35	0.020	mg/Kg	☼	10/01/25 20:32	10/02/25 09:54	1
4-Chloroaniline	0.35	U	0.35	0.063	mg/Kg	☼	10/01/25 20:32	10/02/25 09:54	1
4-Chlorophenyl phenyl ether	0.35	U	0.35	0.012	mg/Kg	☼	10/01/25 20:32	10/02/25 09:54	1
4-Methylphenol	0.35	U	0.35	0.022	mg/Kg	☼	10/01/25 20:32	10/02/25 09:54	1
4-Nitroaniline	0.35	U	0.35	0.089	mg/Kg	☼	10/01/25 20:32	10/02/25 09:54	1
4-Nitrophenol	0.71	U	0.71	0.057	mg/Kg	☼	10/01/25 20:32	10/02/25 09:54	1
Acenaphthene	0.35	U	0.35	0.010	mg/Kg	☼	10/01/25 20:32	10/02/25 09:54	1
Acenaphthylene	0.35	U	0.35	0.010	mg/Kg	☼	10/01/25 20:32	10/02/25 09:54	1
Acetophenone	0.35	U	0.35	0.017	mg/Kg	☼	10/01/25 20:32	10/02/25 09:54	1
Anthracene	0.35	U	0.35	0.011	mg/Kg	☼	10/01/25 20:32	10/02/25 09:54	1
Atrazine	0.14	U	0.14	0.021	mg/Kg	☼	10/01/25 20:32	10/02/25 09:54	1
Benzaldehyde	0.35	U	0.35	0.058	mg/Kg	☼	10/01/25 20:32	10/02/25 09:54	1
Benzo[a]anthracene	0.035	U	0.035	0.027	mg/Kg	☼	10/01/25 20:32	10/02/25 09:54	1
Benzo[a]pyrene	0.035	U	0.035	0.0094	mg/Kg	☼	10/01/25 20:32	10/02/25 09:54	1
Benzo[b]fluoranthene	0.035	U	0.035	0.0091	mg/Kg	☼	10/01/25 20:32	10/02/25 09:54	1
Benzo[g,h,i]perylene	0.35	U	0.35	0.010	mg/Kg	☼	10/01/25 20:32	10/02/25 09:54	1
Benzo[k]fluoranthene	0.035	U	0.035	0.0069	mg/Kg	☼	10/01/25 20:32	10/02/25 09:54	1
Bis(2-chloroethoxy)methane	0.35	U	0.35	0.065	mg/Kg	☼	10/01/25 20:32	10/02/25 09:54	1
Bis(2-chloroethyl)ether	0.035	U	0.035	0.012	mg/Kg	☼	10/01/25 20:32	10/02/25 09:54	1
Bis(2-ethylhexyl) phthalate	0.35	U	0.35	0.019	mg/Kg	☼	10/01/25 20:32	10/02/25 09:54	1
Butyl benzyl phthalate	0.35	U	0.35	0.017	mg/Kg	☼	10/01/25 20:32	10/02/25 09:54	1
Caprolactam	0.35	U	0.35	0.055	mg/Kg	☼	10/01/25 20:32	10/02/25 09:54	1
Carbazole	0.35	U	0.35	0.013	mg/Kg	☼	10/01/25 20:32	10/02/25 09:54	1
Chrysene	0.35	U	0.35	0.015	mg/Kg	☼	10/01/25 20:32	10/02/25 09:54	1
Dibenz(a,h)anthracene	0.035	U	0.035	0.015	mg/Kg	☼	10/01/25 20:32	10/02/25 09:54	1
Dibenzofuran	0.35	U	0.35	0.012	mg/Kg	☼	10/01/25 20:32	10/02/25 09:54	1

Client Sample ID: 55B_3-6
Date Collected: 09/30/25 10:00
Date Received: 09/30/25 16:15

Lab Sample ID: 460-336081-4
Matrix: Solid
Percent Solids: 93.1

Method: SW846 8270E - Semivolatile Organic Compounds (GC/MS) (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Diethyl phthalate	0.35	U	0.35	0.011	mg/Kg	☼	10/01/25 20:32	10/02/25 09:54	1
Dimethyl phthalate	0.35	U	0.35	0.080	mg/Kg	☼	10/01/25 20:32	10/02/25 09:54	1
Di-n-butyl phthalate	0.35	U	0.35	0.013	mg/Kg	☼	10/01/25 20:32	10/02/25 09:54	1
Di-n-octyl phthalate	0.35	U	0.35	0.019	mg/Kg	☼	10/01/25 20:32	10/02/25 09:54	1
Fluoranthene	0.35	U	0.35	0.012	mg/Kg	☼	10/01/25 20:32	10/02/25 09:54	1
Fluorene	0.35	U	0.35	0.010	mg/Kg	☼	10/01/25 20:32	10/02/25 09:54	1
Hexachlorobenzene	0.035	U	0.035	0.017	mg/Kg	☼	10/01/25 20:32	10/02/25 09:54	1
Hexachlorobutadiene	0.071	U	0.071	0.0075	mg/Kg	☼	10/01/25 20:32	10/02/25 09:54	1
Hexachlorocyclopentadiene	0.35	U	0.35	0.031	mg/Kg	☼	10/01/25 20:32	10/02/25 09:54	1
Hexachloroethane	0.035	U	0.035	0.012	mg/Kg	☼	10/01/25 20:32	10/02/25 09:54	1
Indeno[1,2,3-cd]pyrene	0.035	U	0.035	0.014	mg/Kg	☼	10/01/25 20:32	10/02/25 09:54	1
Isophorone	0.14	U	0.14	0.10	mg/Kg	☼	10/01/25 20:32	10/02/25 09:54	1
Naphthalene	0.35	U	0.35	0.0061	mg/Kg	☼	10/01/25 20:32	10/02/25 09:54	1
Nitrobenzene	0.035	U	0.035	0.020	mg/Kg	☼	10/01/25 20:32	10/02/25 09:54	1
N-Nitrosodi-n-propylamine	0.035	U	0.035	0.026	mg/Kg	☼	10/01/25 20:32	10/02/25 09:54	1
N-Nitrosodiphenylamine	0.35	U	0.35	0.029	mg/Kg	☼	10/01/25 20:32	10/02/25 09:54	1
Pentachlorophenol	0.28	U	0.28	0.072	mg/Kg	☼	10/01/25 20:32	10/02/25 09:54	1
Phenanthrene	0.35	U	0.35	0.014	mg/Kg	☼	10/01/25 20:32	10/02/25 09:54	1
Phenol	0.35	U	0.35	0.013	mg/Kg	☼	10/01/25 20:32	10/02/25 09:54	1
Pyrene	0.35	U	0.35	0.0088	mg/Kg	☼	10/01/25 20:32	10/02/25 09:54	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
2,4,6-Tribromophenol (Surr)	*64*		*18 - 137*	*10/01/25 20:32*	*10/02/25 09:54*	*1*
2-Fluorobiphenyl	*67*		*33 - 117*	*10/01/25 20:32*	*10/02/25 09:54*	*1*
2-Fluorophenol (Surr)	*69*		*24 - 120*	*10/01/25 20:32*	*10/02/25 09:54*	*1*
Nitrobenzene-d5 (Surr)	*67*		*27 - 120*	*10/01/25 20:32*	*10/02/25 09:54*	*1*
Phenol-d5 (Surr)	*68*		*28 - 118*	*10/01/25 20:32*	*10/02/25 09:54*	*1*
Terphenyl-d14 (Surr)	*76*		*33 - 124*	*10/01/25 20:32*	*10/02/25 09:54*	*1*

Method: SW846 8081B - Organochlorine Pesticides (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
4,4'-DDD	0.0072	U	0.0072	0.0012	mg/Kg	☼	10/01/25 16:50	10/02/25 07:48	1
4,4'-DDE	0.0072	U	0.0072	0.00085	mg/Kg	☼	10/01/25 16:50	10/02/25 07:48	1
4,4'-DDT	0.0072	U	0.0072	0.0013	mg/Kg	☼	10/01/25 16:50	10/02/25 07:48	1
Aldrin	0.0072	U	0.0072	0.0011	mg/Kg	☼	10/01/25 16:50	10/02/25 07:48	1
alpha-BHC	0.0021	U	0.0021	0.00073	mg/Kg	☼	10/01/25 16:50	10/02/25 07:48	1
beta-BHC	0.0021	U	0.0021	0.00081	mg/Kg	☼	10/01/25 16:50	10/02/25 07:48	1
Chlordane (technical)	0.072	U	0.072	0.017	mg/Kg	☼	10/01/25 16:50	10/02/25 07:48	1
cis-Chlordane	0.0072	U	0.0072	0.0011	mg/Kg	☼	10/01/25 16:50	10/02/25 07:48	1
delta-BHC	0.0021	U	0.0021	0.00044	mg/Kg	☼	10/01/25 16:50	10/02/25 07:48	1
Dieldrin	0.0021	U	0.0021	0.00093	mg/Kg	☼	10/01/25 16:50	10/02/25 07:48	1
Endosulfan I	0.0072	U	0.0072	0.0011	mg/Kg	☼	10/01/25 16:50	10/02/25 07:48	1
Endosulfan II	0.0072	U	0.0072	0.0018	mg/Kg	☼	10/01/25 16:50	10/02/25 07:48	1
Endosulfan sulfate	0.0072	U	0.0072	0.00090	mg/Kg	☼	10/01/25 16:50	10/02/25 07:48	1
Endrin	0.0072	U	0.0072	0.0010	mg/Kg	☼	10/01/25 16:50	10/02/25 07:48	1
Endrin aldehyde	0.0072	U	0.0072	0.0017	mg/Kg	☼	10/01/25 16:50	10/02/25 07:48	1
Endrin ketone	0.0072	U	0.0072	0.0014	mg/Kg	☼	10/01/25 16:50	10/02/25 07:48	1
gamma-BHC (Lindane)	0.0021	U	0.0021	0.00067	mg/Kg	☼	10/01/25 16:50	10/02/25 07:48	1
Heptachlor	0.0072	U	0.0072	0.00085	mg/Kg	☼	10/01/25 16:50	10/02/25 07:48	1
Heptachlor epoxide	0.0072	U	0.0072	0.0011	mg/Kg	☼	10/01/25 16:50	10/02/25 07:48	1

Client Sample ID: 55B_3-6
Date Collected: 09/30/25 10:00
Date Received: 09/30/25 16:15

Lab Sample ID: 460-336081-4
Matrix: Solid
Percent Solids: 93.1

Method: SW846 8081B - Organochlorine Pesticides (GC) (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Methoxychlor	0.0072	U	0.0072	0.0016	mg/Kg	☼	10/01/25 16:50	10/02/25 07:48	1
Toxaphene	0.072	U	0.072	0.026	mg/Kg	☼	10/01/25 16:50	10/02/25 07:48	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
DCB Decachlorobiphenyl	*93*		*10 - 150*	*10/01/25 16:50*	*10/02/25 07:48*	*1*
DCB Decachlorobiphenyl	*114*		*10 - 150*	*10/01/25 16:50*	*10/02/25 07:48*	*1*
Tetrachloro-m-xylene	*94*		*14 - 150*	*10/01/25 16:50*	*10/02/25 07:48*	*1*
Tetrachloro-m-xylene	*93*		*14 - 150*	*10/01/25 16:50*	*10/02/25 07:48*	*1*

Method: SW846 8082A - Polychlorinated Biphenyls (PCBs) by Gas Chromatography

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Aroclor 1016	0.072	U	0.072	0.019	mg/Kg	☼	10/01/25 16:38	10/02/25 16:38	1
Aroclor 1221	0.072	U	0.072	0.019	mg/Kg	☼	10/01/25 16:38	10/02/25 16:38	1
Aroclor 1232	0.072	U	0.072	0.019	mg/Kg	☼	10/01/25 16:38	10/02/25 16:38	1
Aroclor 1242	0.072	U	0.072	0.019	mg/Kg	☼	10/01/25 16:38	10/02/25 16:38	1
Aroclor 1248	0.072	U	0.072	0.019	mg/Kg	☼	10/01/25 16:38	10/02/25 16:38	1
Aroclor 1254	0.072	U	0.072	0.019	mg/Kg	☼	10/01/25 16:38	10/02/25 16:38	1
Aroclor 1260	0.072	U	0.072	0.019	mg/Kg	☼	10/01/25 16:38	10/02/25 16:38	1
Aroclor-1262	0.072	U	0.072	0.019	mg/Kg	☼	10/01/25 16:38	10/02/25 16:38	1
Aroclor 1268	0.072	U	0.072	0.019	mg/Kg	☼	10/01/25 16:38	10/02/25 16:38	1
Polychlorinated biphenyls, Total	0.072	U	0.072	0.019	mg/Kg	☼	10/01/25 16:38	10/02/25 16:38	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
DCB Decachlorobiphenyl	*147*		*10 - 150*	*10/01/25 16:38*	*10/02/25 16:38*	*1*
DCB Decachlorobiphenyl	*154*	*	*10 - 150*	*10/01/25 16:38*	*10/02/25 16:38*	*1*
Tetrachloro-m-xylene	*142*		*10 - 150*	*10/01/25 16:38*	*10/02/25 16:38*	*1*
Tetrachloro-m-xylene	*154*	*	*10 - 150*	*10/01/25 16:38*	*10/02/25 16:38*	*1*

Method: EPA 1633A - Per- and Polyfluoroalkyl Substances by LC/MS/MS, 1633A

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Perfluorobutanoic acid (PFBA)	0.38	U	0.38	0.095	ug/Kg	☼	10/06/25 14:09	10/07/25 00:01	1
Perfluoropentanoic acid (PFPeA)	0.19	U	0.19	0.095	ug/Kg	☼	10/06/25 14:09	10/07/25 00:01	1
Perfluorohexanoic acid (PFHxA)	0.19	U	0.19	0.095	ug/Kg	☼	10/06/25 14:09	10/07/25 00:01	1
Perfluoroheptanoic acid (PFHpA)	0.19	U	0.19	0.095	ug/Kg	☼	10/06/25 14:09	10/07/25 00:01	1
Perfluorooctanoic acid (PFOA)	**0.15**	**J**	0.19	0.057	ug/Kg	☼	10/06/25 14:09	10/07/25 00:01	1
Perfluorononanoic acid (PFNA)	**0.33**		0.19	0.095	ug/Kg	☼	10/06/25 14:09	10/07/25 00:01	1
Perfluorodecanoic acid (PFDA)	**0.10**	**J**	0.19	0.057	ug/Kg	☼	10/06/25 14:09	10/07/25 00:01	1
Perfluoroundecanoic acid (PFUnA)	**0.53**		0.19	0.095	ug/Kg	☼	10/06/25 14:09	10/07/25 00:01	1
Perfluorododecanoic acid (PFDoA)	0.19	U	0.19	0.095	ug/Kg	☼	10/06/25 14:09	10/07/25 00:01	1
Perfluorotridecanoic acid (PFTrDA)	**0.15**	**J**	0.19	0.095	ug/Kg	☼	10/06/25 14:09	10/07/25 00:01	1
Perfluorotetradecanoic acid (PFTeDA)	0.19	U	0.19	0.095	ug/Kg	☼	10/06/25 14:09	10/07/25 00:01	1
Perfluorobutanesulfonic acid (PFBS)	0.19	U	0.19	0.095	ug/Kg	☼	10/06/25 14:09	10/07/25 00:01	1
Perfluoropentanesulfonic acid (PFPeS)	0.19	U	0.19	0.095	ug/Kg	☼	10/06/25 14:09	10/07/25 00:01	1
Perfluorohexanesulfonic acid (PFHxS)	0.19	U	0.19	0.095	ug/Kg	☼	10/06/25 14:09	10/07/25 00:01	1
Perfluoroheptanesulfonic acid (PFHpS)	0.19	U	0.19	0.095	ug/Kg	☼	10/06/25 14:09	10/07/25 00:01	1
Perfluorooctanesulfonic acid (PFOS)	0.19	U	0.19	0.095	ug/Kg	☼	10/06/25 14:09	10/07/25 00:01	1
Perfluorononanesulfonic acid (PFNS)	0.19	U	0.19	0.095	ug/Kg	☼	10/06/25 14:09	10/07/25 00:01	1

Client Sample ID: 55B_3-6
Date Collected: 09/30/25 10:00
Date Received: 09/30/25 16:15

Lab Sample ID: 460-336081-4
Matrix: Solid
Percent Solids: 93.1

Method: EPA 1633A - Per- and Polyfluoroalkyl Substances by LC/MS/MS, 1633A (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Perfluorodecanesulfonic acid (PFDS)	0.19	U	0.19	0.095	ug/Kg	☼	10/06/25 14:09	10/07/25 00:01	1
Perfluorododecanesulfonic acid (PFDoS)	0.19	U	0.19	0.095	ug/Kg	☼	10/06/25 14:09	10/07/25 00:01	1
1H,1H,2H,2H-Perfluorohexane sulfonic acid (4:2 FTS)	0.38	U	0.38	0.19	ug/Kg	☼	10/06/25 14:09	10/07/25 00:01	1
1H,1H,2H,2H-Perfluorooctane sulfonic acid (6:2 FTS)	0.38	U	0.38	0.19	ug/Kg	☼	10/06/25 14:09	10/07/25 00:01	1
1H,1H,2H,2H-Perfluorodecane sulfonic acid (8:2 FTS)	0.38	U	0.38	0.19	ug/Kg	☼	10/06/25 14:09	10/07/25 00:01	1
Perfluorooctanesulfonamide (PFOSA)	0.19	U	0.19	0.095	ug/Kg	☼	10/06/25 14:09	10/07/25 00:01	1
N-methylperfluorooctane sulfonamide (NMeFOSA)	0.19	U	0.19	0.095	ug/Kg	☼	10/06/25 14:09	10/07/25 00:01	1
N-ethylperfluorooctane sulfonamide (NEtFOSA)	0.19	U	0.19	0.095	ug/Kg	☼	10/06/25 14:09	10/07/25 00:01	1
N-methylperfluorooctanesulfonamidoacetic acid (NMeFOSAA)	0.19	U	0.19	0.095	ug/Kg	☼	10/06/25 14:09	10/07/25 00:01	1
N-ethylperfluorooctanesulfonamidoacetic acid (NEtFOSAA)	0.19	U	0.19	0.095	ug/Kg	☼	10/06/25 14:09	10/07/25 00:01	1
N-methylperfluorooctane sulfonamidoethanol (NMeFOSE)	0.95	U	0.95	0.48	ug/Kg	☼	10/06/25 14:09	10/07/25 00:01	1
N-ethylperfluorooctane sulfonamidoethanol (NEtFOSE)	0.95	U	0.95	0.48	ug/Kg	☼	10/06/25 14:09	10/07/25 00:01	1
Hexafluoropropylene Oxide Dimer Acid (HFPO-DA)	0.19	U	0.19	0.095	ug/Kg	☼	10/06/25 14:09	10/07/25 00:01	1
4,8-Dioxa-3H-perfluorononanoic acid (ADONA)	0.19	U	0.19	0.095	ug/Kg	☼	10/06/25 14:09	10/07/25 00:01	1
Perfluoro-3-methoxypropanoic acid (PFMPA)	0.19	U	0.19	0.095	ug/Kg	☼	10/06/25 14:09	10/07/25 00:01	1
Perfluoro-4-methoxybutanoic acid (PFMBA)	0.19	U	0.19	0.095	ug/Kg	☼	10/06/25 14:09	10/07/25 00:01	1
Nonafluoro-3,6-dioxaheptanoic acid (NFDHA)	0.19	U	0.19	0.095	ug/Kg	☼	10/06/25 14:09	10/07/25 00:01	1
9-Chlorohexadecafluoro-3-oxanonane-1-sulfonic acid (9Cl-PF3ONS)	0.19	U	0.19	0.095	ug/Kg	☼	10/06/25 14:09	10/07/25 00:01	1
11-Chloroeicosafluoro-3-oxaundecane-1-sulfonic acid (11Cl-PF3OUdS)	0.19	U	0.19	0.095	ug/Kg	☼	10/06/25 14:09	10/07/25 00:01	1
Perfluoro (2-ethoxyethane) sulfonic acid (PFEESA)	0.19	U	0.19	0.095	ug/Kg	☼	10/06/25 14:09	10/07/25 00:01	1
3-Perfluoropropylpropanoic acid (3:3 FTCA)	0.38	U	0.38	0.19	ug/Kg	☼	10/06/25 14:09	10/07/25 00:01	1
3-Perfluoropentylpropanoic acid (5:3 FTCA)	0.95	U	0.95	0.48	ug/Kg	☼	10/06/25 14:09	10/07/25 00:01	1
3-Perfluoroheptylpropanoic acid (7:3 FTCA)	0.95	U	0.95	0.48	ug/Kg	☼	10/06/25 14:09	10/07/25 00:01	1

Isotope Dilution	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
13C4 PFBA	*125*		*8 - 130*	*10/06/25 14:09*	*10/07/25 00:01*	*1*
13C5 PFPeA	*125*		*35 - 130*	*10/06/25 14:09*	*10/07/25 00:01*	*1*
13C5 PFHxA	*115*		*40 - 130*	*10/06/25 14:09*	*10/07/25 00:01*	*1*
13C4 PFHpA	*126*		*40 - 130*	*10/06/25 14:09*	*10/07/25 00:01*	*1*
13C8 PFOA	*121*		*40 - 130*	*10/06/25 14:09*	*10/07/25 00:01*	*1*
13C9 PFNA	*116*		*40 - 130*	*10/06/25 14:09*	*10/07/25 00:01*	*1*
13C6 PFDA	*116*		*40 - 130*	*10/06/25 14:09*	*10/07/25 00:01*	*1*
13C7 PFUnA	*95.7*		*40 - 130*	*10/06/25 14:09*	*10/07/25 00:01*	*1*
13C2 PFTeDA	*49.0*		*20 - 130*	*10/06/25 14:09*	*10/07/25 00:01*	*1*

Client Sample ID: 55B_3-6
Date Collected: 09/30/25 10:00
Date Received: 09/30/25 16:15

Lab Sample ID: 460-336081-4
Matrix: Solid
Percent Solids: 93.1

Method: EPA 1633A - Per- and Polyfluoroalkyl Substances by LC/MS/MS, 1633A (Continued)

Isotope Dilution	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
13C3 PFBS	121		40 - 135	10/06/25 14:09	10/07/25 00:01	1
13C3 PFHxS	116		40 - 130	10/06/25 14:09	10/07/25 00:01	1
13C8 PFOS	113		40 - 130	10/06/25 14:09	10/07/25 00:01	1
13C8 FOSA	107		40 - 130	10/06/25 14:09	10/07/25 00:01	1
d3-NMeFOSAA	94.0		40 - 135	10/06/25 14:09	10/07/25 00:01	1
d5-NEtFOSAA	83.0		40 - 150	10/06/25 14:09	10/07/25 00:01	1
13C2 4:2 FTS	180	*	40 - 165	10/06/25 14:09	10/07/25 00:01	1
13C2 6:2 FTS	165		40 - 215	10/06/25 14:09	10/07/25 00:01	1
13C2 8:2 FTS	138		40 - 275	10/06/25 14:09	10/07/25 00:01	1
13C3 HFPO-DA	119		40 - 130	10/06/25 14:09	10/07/25 00:01	1
d7-N-MeFOSE-M	73.2		20 - 130	10/06/25 14:09	10/07/25 00:01	1
d9-N-EtFOSE-M	61.8		15 - 130	10/06/25 14:09	10/07/25 00:01	1
d5-NEtPFOSA	79.9		10 - 130	10/06/25 14:09	10/07/25 00:01	1
d3-NMePFOSA	89.6		10 - 130	10/06/25 14:09	10/07/25 00:01	1
13C2 PFDoA	91.0		40 - 130	10/06/25 14:09	10/07/25 00:01	1

Method: SW846 6020B - Metals (ICP/MS)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Aluminum	8390		20.1	5.5	mg/Kg	☼	10/06/25 07:14	10/06/25 18:54	1
Antimony	0.62	J	1.0	0.15	mg/Kg	☼	10/06/25 07:14	10/06/25 18:54	1
Arsenic	5.4		1.0	0.10	mg/Kg	☼	10/06/25 07:14	10/06/25 18:54	1
Barium	101		2.0	0.15	mg/Kg	☼	10/06/25 07:14	10/06/25 18:54	1
Beryllium	0.99		0.40	0.022	mg/Kg	☼	10/06/25 07:14	10/06/25 18:54	1
Cadmium	0.15	J	1.0	0.11	mg/Kg	☼	10/06/25 07:14	10/06/25 18:54	1
Calcium	1830		100	9.8	mg/Kg	☼	10/06/25 07:14	10/06/25 18:54	1
Chromium	26.0		2.0	0.30	mg/Kg	☼	10/06/25 07:14	10/06/25 18:54	1
Cobalt	7.1		1.0	0.15	mg/Kg	☼	10/06/25 07:14	10/06/25 18:54	1
Copper	43.3		2.0	0.37	mg/Kg	☼	10/06/25 07:14	10/06/25 18:54	1
Iron	20200		60.2	7.7	mg/Kg	☼	10/06/25 07:14	10/06/25 18:54	1
Lead	162		0.60	0.20	mg/Kg	☼	10/06/25 07:14	10/06/25 18:54	1
Magnesium	832		100	10.2	mg/Kg	☼	10/06/25 07:14	10/06/25 18:54	1
Manganese	110		4.0	0.40	mg/Kg	☼	10/06/25 07:14	10/06/25 18:54	1
Nickel	19.0		2.0	0.18	mg/Kg	☼	10/06/25 07:14	10/06/25 18:54	1
Potassium	1080		100	16.3	mg/Kg	☼	10/06/25 07:14	10/06/25 18:54	1
Selenium	0.37	J	1.3	0.13	mg/Kg	☼	10/06/25 07:14	10/06/25 18:54	1
Silver	0.11	J	0.40	0.089	mg/Kg	☼	10/06/25 07:14	10/06/25 18:54	1
Sodium	249		100	45.9	mg/Kg	☼	10/06/25 07:14	10/06/25 18:54	1
Thallium	0.082	J	0.40	0.041	mg/Kg	☼	10/06/25 07:14	10/06/25 18:54	1
Vanadium	24.0		2.0	0.21	mg/Kg	☼	10/06/25 07:14	10/06/25 18:54	1
Zinc	216		8.0	1.1	mg/Kg	☼	10/06/25 07:14	10/06/25 18:54	1

Method: SW846 7471B - Mercury (CVAA)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	0.014	J	0.016	0.0077	mg/Kg	☼	10/06/25 02:16	10/06/25 12:18	1

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Percent Moisture (EPA Moisture)	6.9		1.0	1.0	%			10/05/25 11:23	1
Percent Solids (EPA Moisture)	93.1		1.0	1.0	%			10/05/25 11:23	1

Client Sample ID: 55C_0-3
Date Collected: 09/30/25 10:05
Date Received: 09/30/25 16:15

Lab Sample ID: 460-336081-5
Matrix: Solid
Percent Solids: 95.4

Method: SW846 8270E - Semivolatile Organic Compounds (GC/MS)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1'-Biphenyl	0.35	U	0.35	0.012	mg/Kg	☼	10/01/25 20:32	10/02/25 10:16	1
1,2,4,5-Tetrachlorobenzene	0.35	U	0.35	0.011	mg/Kg	☼	10/01/25 20:32	10/02/25 10:16	1
1,4-Dioxane	0.035	U	0.035	0.030	mg/Kg	☼	10/01/25 20:32	10/02/25 10:16	1
2,2'-oxybis[1-chloropropane]	0.35	U	0.35	0.021	mg/Kg	☼	10/01/25 20:32	10/02/25 10:16	1
2,3,4,6-Tetrachlorophenol	0.35	U	0.35	0.023	mg/Kg	☼	10/01/25 20:32	10/02/25 10:16	1
2,4,5-Trichlorophenol	0.35	U	0.35	0.035	mg/Kg	☼	10/01/25 20:32	10/02/25 10:16	1
2,4,6-Trichlorophenol	0.14	U	0.14	0.045	mg/Kg	☼	10/01/25 20:32	10/02/25 10:16	1
2,4-Dichlorophenol	0.14	U	0.14	0.022	mg/Kg	☼	10/01/25 20:32	10/02/25 10:16	1
2,4-Dimethylphenol	0.35	U	0.35	0.041	mg/Kg	☼	10/01/25 20:32	10/02/25 10:16	1
2,4-Dinitrophenol	0.28	U	0.28	0.17	mg/Kg	☼	10/01/25 20:32	10/02/25 10:16	1
2,4-Dinitrotoluene	0.070	U	0.070	0.037	mg/Kg	☼	10/01/25 20:32	10/02/25 10:16	1
2,6-Dinitrotoluene	0.070	U	0.070	0.025	mg/Kg	☼	10/01/25 20:32	10/02/25 10:16	1
2-Chloronaphthalene	0.35	U	0.35	0.045	mg/Kg	☼	10/01/25 20:32	10/02/25 10:16	1
2-Chlorophenol	0.35	U	0.35	0.012	mg/Kg	☼	10/01/25 20:32	10/02/25 10:16	1
2-Methylnaphthalene	0.35	U	0.35	0.0097	mg/Kg	☼	10/01/25 20:32	10/02/25 10:16	1
2-Methylphenol	0.35	U	0.35	0.013	mg/Kg	☼	10/01/25 20:32	10/02/25 10:16	1
2-Nitroaniline	0.35	U	0.35	0.026	mg/Kg	☼	10/01/25 20:32	10/02/25 10:16	1
2-Nitrophenol	0.35	U	0.35	0.035	mg/Kg	☼	10/01/25 20:32	10/02/25 10:16	1
3 & 4 Methylphenol	0.35	U	0.35	0.022	mg/Kg	☼	10/01/25 20:32	10/02/25 10:16	1
3,3'-Dichlorobenzidine	0.14	U	0.14	0.052	mg/Kg	☼	10/01/25 20:32	10/02/25 10:16	1
3-Nitroaniline	0.35	U	0.35	0.082	mg/Kg	☼	10/01/25 20:32	10/02/25 10:16	1
4,6-Dinitro-2-methylphenol	0.28	U	0.28	0.14	mg/Kg	☼	10/01/25 20:32	10/02/25 10:16	1
4-Bromophenyl phenyl ether	0.35	U	0.35	0.014	mg/Kg	☼	10/01/25 20:32	10/02/25 10:16	1
4-Chloro-3-methylphenol	0.35	U	0.35	0.019	mg/Kg	☼	10/01/25 20:32	10/02/25 10:16	1
4-Chloroaniline	0.35	U	0.35	0.062	mg/Kg	☼	10/01/25 20:32	10/02/25 10:16	1
4-Chlorophenyl phenyl ether	0.35	U	0.35	0.012	mg/Kg	☼	10/01/25 20:32	10/02/25 10:16	1
4-Methylphenol	0.35	U	0.35	0.022	mg/Kg	☼	10/01/25 20:32	10/02/25 10:16	1
4-Nitroaniline	0.35	U	0.35	0.088	mg/Kg	☼	10/01/25 20:32	10/02/25 10:16	1
4-Nitrophenol	0.70	U	0.70	0.056	mg/Kg	☼	10/01/25 20:32	10/02/25 10:16	1
Acenaphthene	0.35	U	0.35	0.0099	mg/Kg	☼	10/01/25 20:32	10/02/25 10:16	1
Acenaphthylene	0.35	U	0.35	0.0099	mg/Kg	☼	10/01/25 20:32	10/02/25 10:16	1
Acetophenone	0.35	U	0.35	0.017	mg/Kg	☼	10/01/25 20:32	10/02/25 10:16	1
Anthracene	0.35	U	0.35	0.011	mg/Kg	☼	10/01/25 20:32	10/02/25 10:16	1
Atrazine	0.14	U	0.14	0.020	mg/Kg	☼	10/01/25 20:32	10/02/25 10:16	1
Benzaldehyde	0.35	U	0.35	0.057	mg/Kg	☼	10/01/25 20:32	10/02/25 10:16	1
Benzo[a]anthracene	0.035	U	0.035	0.026	mg/Kg	☼	10/01/25 20:32	10/02/25 10:16	1
Benzo[a]pyrene	0.035	U	0.035	0.0092	mg/Kg	☼	10/01/25 20:32	10/02/25 10:16	1
Benzo[b]fluoranthene	0.035	U	0.035	0.0090	mg/Kg	☼	10/01/25 20:32	10/02/25 10:16	1
Benzo[g,h,i]perylene	0.35	U	0.35	0.010	mg/Kg	☼	10/01/25 20:32	10/02/25 10:16	1
Benzo[k]fluoranthene	0.035	U	0.035	0.0068	mg/Kg	☼	10/01/25 20:32	10/02/25 10:16	1
Bis(2-chloroethoxy)methane	0.35	U	0.35	0.064	mg/Kg	☼	10/01/25 20:32	10/02/25 10:16	1
Bis(2-chloroethyl)ether	0.035	U	0.035	0.012	mg/Kg	☼	10/01/25 20:32	10/02/25 10:16	1
Bis(2-ethylhexyl) phthalate	0.35	U	0.35	0.018	mg/Kg	☼	10/01/25 20:32	10/02/25 10:16	1
Butyl benzyl phthalate	0.35	U	0.35	0.016	mg/Kg	☼	10/01/25 20:32	10/02/25 10:16	1
Caprolactam	0.35	U	0.35	0.054	mg/Kg	☼	10/01/25 20:32	10/02/25 10:16	1
Carbazole	0.35	U	0.35	0.013	mg/Kg	☼	10/01/25 20:32	10/02/25 10:16	1
Chrysene	0.35	U	0.35	0.015	mg/Kg	☼	10/01/25 20:32	10/02/25 10:16	1
Dibenz(a,h)anthracene	0.035	U	0.035	0.015	mg/Kg	☼	10/01/25 20:32	10/02/25 10:16	1
Dibenzofuran	0.35	U	0.35	0.012	mg/Kg	☼	10/01/25 20:32	10/02/25 10:16	1

Client Sample ID: 55C_0-3
Date Collected: 09/30/25 10:05
Date Received: 09/30/25 16:15

Lab Sample ID: 460-336081-5
Matrix: Solid
Percent Solids: 95.4

Method: SW846 8270E - Semivolatile Organic Compounds (GC/MS) (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Diethyl phthalate	0.35	U	0.35	0.011	mg/Kg	☼	10/01/25 20:32	10/02/25 10:16	1
Dimethyl phthalate	0.35	U	0.35	0.079	mg/Kg	☼	10/01/25 20:32	10/02/25 10:16	1
Di-n-butyl phthalate	0.35	U	0.35	0.013	mg/Kg	☼	10/01/25 20:32	10/02/25 10:16	1
Di-n-octyl phthalate	0.35	U	0.35	0.018	mg/Kg	☼	10/01/25 20:32	10/02/25 10:16	1
Fluoranthene	0.35	U	0.35	0.012	mg/Kg	☼	10/01/25 20:32	10/02/25 10:16	1
Fluorene	0.35	U	0.35	0.010	mg/Kg	☼	10/01/25 20:32	10/02/25 10:16	1
Hexachlorobenzene	0.035	U	0.035	0.016	mg/Kg	☼	10/01/25 20:32	10/02/25 10:16	1
Hexachlorobutadiene	0.070	U	0.070	0.0074	mg/Kg	☼	10/01/25 20:32	10/02/25 10:16	1
Hexachlorocyclopentadiene	0.35	U	0.35	0.030	mg/Kg	☼	10/01/25 20:32	10/02/25 10:16	1
Hexachloroethane	0.035	U	0.035	0.012	mg/Kg	☼	10/01/25 20:32	10/02/25 10:16	1
Indeno[1,2,3-cd]pyrene	0.035	U	0.035	0.014	mg/Kg	☼	10/01/25 20:32	10/02/25 10:16	1
Isophorone	0.14	U	0.14	0.10	mg/Kg	☼	10/01/25 20:32	10/02/25 10:16	1
Naphthalene	0.35	U	0.35	0.0060	mg/Kg	☼	10/01/25 20:32	10/02/25 10:16	1
Nitrobenzene	0.035	U	0.035	0.019	mg/Kg	☼	10/01/25 20:32	10/02/25 10:16	1
N-Nitrosodi-n-propylamine	0.035	U	0.035	0.025	mg/Kg	☼	10/01/25 20:32	10/02/25 10:16	1
N-Nitrosodiphenylamine	0.35	U	0.35	0.029	mg/Kg	☼	10/01/25 20:32	10/02/25 10:16	1
Pentachlorophenol	0.28	U	0.28	0.071	mg/Kg	☼	10/01/25 20:32	10/02/25 10:16	1
Phenanthrene	0.35	U	0.35	0.014	mg/Kg	☼	10/01/25 20:32	10/02/25 10:16	1
Phenol	0.35	U	0.35	0.013	mg/Kg	☼	10/01/25 20:32	10/02/25 10:16	1
Pyrene	0.35	U	0.35	0.0086	mg/Kg	☼	10/01/25 20:32	10/02/25 10:16	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
2,4,6-Tribromophenol (Surr)	*63*		*18 - 137*	*10/01/25 20:32*	*10/02/25 10:16*	*1*
2-Fluorobiphenyl	*66*		*33 - 117*	*10/01/25 20:32*	*10/02/25 10:16*	*1*
2-Fluorophenol (Surr)	*66*		*24 - 120*	*10/01/25 20:32*	*10/02/25 10:16*	*1*
Nitrobenzene-d5 (Surr)	*66*		*27 - 120*	*10/01/25 20:32*	*10/02/25 10:16*	*1*
Phenol-d5 (Surr)	*65*		*28 - 118*	*10/01/25 20:32*	*10/02/25 10:16*	*1*
Terphenyl-d14 (Surr)	*75*		*33 - 124*	*10/01/25 20:32*	*10/02/25 10:16*	*1*

Method: SW846 8081B - Organochlorine Pesticides (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
4,4'-DDD	0.0070	U	0.0070	0.0012	mg/Kg	☼	10/01/25 16:50	10/02/25 08:00	1
4,4'-DDE	0.0070	U	0.0070	0.00083	mg/Kg	☼	10/01/25 16:50	10/02/25 08:00	1
4,4'-DDT	0.0070	U	0.0070	0.0013	mg/Kg	☼	10/01/25 16:50	10/02/25 08:00	1
Aldrin	0.0070	U	0.0070	0.0011	mg/Kg	☼	10/01/25 16:50	10/02/25 08:00	1
alpha-BHC	0.0021	U	0.0021	0.00071	mg/Kg	☼	10/01/25 16:50	10/02/25 08:00	1
beta-BHC	0.0021	U	0.0021	0.00079	mg/Kg	☼	10/01/25 16:50	10/02/25 08:00	1
Chlordane (technical)	0.070	U	0.070	0.017	mg/Kg	☼	10/01/25 16:50	10/02/25 08:00	1
cis-Chlordane	0.0070	U	0.0070	0.0011	mg/Kg	☼	10/01/25 16:50	10/02/25 08:00	1
delta-BHC	0.0021	U	0.0021	0.00043	mg/Kg	☼	10/01/25 16:50	10/02/25 08:00	1
Dieldrin	0.0021	U	0.0021	0.00091	mg/Kg	☼	10/01/25 16:50	10/02/25 08:00	1
Endosulfan I	0.0070	U	0.0070	0.0011	mg/Kg	☼	10/01/25 16:50	10/02/25 08:00	1
Endosulfan II	0.0070	U	0.0070	0.0018	mg/Kg	☼	10/01/25 16:50	10/02/25 08:00	1
Endosulfan sulfate	0.0070	U	0.0070	0.00088	mg/Kg	☼	10/01/25 16:50	10/02/25 08:00	1
Endrin	0.0070	U	0.0070	0.0010	mg/Kg	☼	10/01/25 16:50	10/02/25 08:00	1
Endrin aldehyde	0.0070	U	0.0070	0.0017	mg/Kg	☼	10/01/25 16:50	10/02/25 08:00	1
Endrin ketone	0.0070	U	0.0070	0.0014	mg/Kg	☼	10/01/25 16:50	10/02/25 08:00	1
gamma-BHC (Lindane)	0.0021	U	0.0021	0.00065	mg/Kg	☼	10/01/25 16:50	10/02/25 08:00	1
Heptachlor	0.0070	U	0.0070	0.00083	mg/Kg	☼	10/01/25 16:50	10/02/25 08:00	1
Heptachlor epoxide	0.0070	U	0.0070	0.0010	mg/Kg	☼	10/01/25 16:50	10/02/25 08:00	1

Client Sample ID: 55C_0-3

Date Collected: 09/30/25 10:05
Date Received: 09/30/25 16:15

Lab Sample ID: 460-336081-5

Matrix: Solid
Percent Solids: 95.4

Method: SW846 8081B - Organochlorine Pesticides (GC) (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Methoxychlor	0.0070	U	0.0070	0.0016	mg/Kg	☼	10/01/25 16:50	10/02/25 08:00	1
Toxaphene	0.070	U	0.070	0.025	mg/Kg	☼	10/01/25 16:50	10/02/25 08:00	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
DCB Decachlorobiphenyl	*101*		*10 - 150*	*10/01/25 16:50*	*10/02/25 08:00*	*1*
DCB Decachlorobiphenyl	*128*		*10 - 150*	*10/01/25 16:50*	*10/02/25 08:00*	*1*
Tetrachloro-m-xylene	*103*		*14 - 150*	*10/01/25 16:50*	*10/02/25 08:00*	*1*
Tetrachloro-m-xylene	*105*		*14 - 150*	*10/01/25 16:50*	*10/02/25 08:00*	*1*

Method: SW846 8082A - Polychlorinated Biphenyls (PCBs) by Gas Chromatography

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Aroclor 1016	0.070	U	0.070	0.019	mg/Kg	☼	10/01/25 16:38	10/02/25 16:55	1
Aroclor 1221	0.070	U	0.070	0.019	mg/Kg	☼	10/01/25 16:38	10/02/25 16:55	1
Aroclor 1232	0.070	U	0.070	0.019	mg/Kg	☼	10/01/25 16:38	10/02/25 16:55	1
Aroclor 1242	0.070	U	0.070	0.019	mg/Kg	☼	10/01/25 16:38	10/02/25 16:55	1
Aroclor 1248	0.070	U	0.070	0.019	mg/Kg	☼	10/01/25 16:38	10/02/25 16:55	1
Aroclor 1254	0.070	U	0.070	0.019	mg/Kg	☼	10/01/25 16:38	10/02/25 16:55	1
Aroclor 1260	0.070	U	0.070	0.019	mg/Kg	☼	10/01/25 16:38	10/02/25 16:55	1
Aroclor-1262	0.070	U	0.070	0.019	mg/Kg	☼	10/01/25 16:38	10/02/25 16:55	1
Aroclor 1268	0.070	U	0.070	0.019	mg/Kg	☼	10/01/25 16:38	10/02/25 16:55	1
Polychlorinated biphenyls, Total	0.070	U	0.070	0.019	mg/Kg	☼	10/01/25 16:38	10/02/25 16:55	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
DCB Decachlorobiphenyl	*161*	*	*10 - 150*	*10/01/25 16:38*	*10/02/25 16:55*	*1*
DCB Decachlorobiphenyl	*170*	*	*10 - 150*	*10/01/25 16:38*	*10/02/25 16:55*	*1*
Tetrachloro-m-xylene	*158*	*	*10 - 150*	*10/01/25 16:38*	*10/02/25 16:55*	*1*
Tetrachloro-m-xylene	*171*	*	*10 - 150*	*10/01/25 16:38*	*10/02/25 16:55*	*1*

Method: EPA 1633A - Per- and Polyfluoroalkyl Substances by LC/MS/MS, 1633A

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Perfluorobutanoic acid (PFBA)	0.38	U	0.38	0.095	ug/Kg	☼	10/06/25 14:09	10/07/25 00:14	1
Perfluoropentanoic acid (PFPeA)	0.19	U	0.19	0.095	ug/Kg	☼	10/06/25 14:09	10/07/25 00:14	1
Perfluorohexanoic acid (PFHxA)	0.19	U	0.19	0.095	ug/Kg	☼	10/06/25 14:09	10/07/25 00:14	1
Perfluoroheptanoic acid (PFHpA)	0.19	U	0.19	0.095	ug/Kg	☼	10/06/25 14:09	10/07/25 00:14	1
Perfluorooctanoic acid (PFOA)	**0.39**		0.19	0.057	ug/Kg	☼	10/06/25 14:09	10/07/25 00:14	1
Perfluorononanoic acid (PFNA)	0.12	U	0.12	0.12	ug/Kg	☼	10/06/25 14:09	10/07/25 00:14	1
Perfluorodecanoic acid (PFDA)	0.19	U	0.19	0.057	ug/Kg	☼	10/06/25 14:09	10/07/25 00:14	1
Perfluoroundecanoic acid (PFUnA)	0.19	U	0.19	0.095	ug/Kg	☼	10/06/25 14:09	10/07/25 00:14	1
Perfluorododecanoic acid (PFDoA)	0.19	U	0.19	0.095	ug/Kg	☼	10/06/25 14:09	10/07/25 00:14	1
Perfluorotridecanoic acid (PFTrDA)	0.19	U	0.19	0.095	ug/Kg	☼	10/06/25 14:09	10/07/25 00:14	1
Perfluorotetradecanoic acid (PFTeDA)	0.19	U	0.19	0.095	ug/Kg	☼	10/06/25 14:09	10/07/25 00:14	1
Perfluorobutanesulfonic acid (PFBS)	0.19	U	0.19	0.095	ug/Kg	☼	10/06/25 14:09	10/07/25 00:14	1
Perfluoropentanesulfonic acid (PFPeS)	0.19	U	0.19	0.095	ug/Kg	☼	10/06/25 14:09	10/07/25 00:14	1
Perfluorohexanesulfonic acid (PFHxS)	0.19	U	0.19	0.095	ug/Kg	☼	10/06/25 14:09	10/07/25 00:14	1
Perfluoroheptanesulfonic acid (PFHpS)	0.19	U	0.19	0.095	ug/Kg	☼	10/06/25 14:09	10/07/25 00:14	1
Perfluorooctanesulfonic acid (PFOS)	0.19	U	0.19	0.095	ug/Kg	☼	10/06/25 14:09	10/07/25 00:14	1
Perfluorononanesulfonic acid (PFNS)	0.19	U	0.19	0.095	ug/Kg	☼	10/06/25 14:09	10/07/25 00:14	1
Perfluorodecanesulfonic acid (PFDS)	0.19	U	0.19	0.095	ug/Kg	☼	10/06/25 14:09	10/07/25 00:14	1

Client Sample ID: 55C_0-3
Date Collected: 09/30/25 10:05
Date Received: 09/30/25 16:15

Lab Sample ID: 460-336081-5
Matrix: Solid
Percent Solids: 95.4

Method: EPA 1633A - Per- and Polyfluoroalkyl Substances by LC/MS/MS, 1633A (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Perfluorododecanesulfonic acid (PFDoS)	0.19	U	0.19	0.095	ug/Kg	☼	10/06/25 14:09	10/07/25 00:14	1
1H,1H,2H,2H-Perfluorohexane sulfonic acid (4:2 FTS)	0.38	U	0.38	0.19	ug/Kg	☼	10/06/25 14:09	10/07/25 00:14	1
1H,1H,2H,2H-Perfluorooctane sulfonic acid (6:2 FTS)	0.38	U	0.38	0.19	ug/Kg	☼	10/06/25 14:09	10/07/25 00:14	1
1H,1H,2H,2H-Perfluorodecane sulfonic acid (8:2 FTS)	0.38	U	0.38	0.19	ug/Kg	☼	10/06/25 14:09	10/07/25 00:14	1
Perfluorooctanesulfonamide (PFOSA)	0.19	U	0.19	0.095	ug/Kg	☼	10/06/25 14:09	10/07/25 00:14	1
N-methylperfluorooctane sulfonamide (NMeFOSA)	0.19	U	0.19	0.095	ug/Kg	☼	10/06/25 14:09	10/07/25 00:14	1
N-ethylperfluorooctane sulfonamide (NEtFOSA)	0.19	U	0.19	0.095	ug/Kg	☼	10/06/25 14:09	10/07/25 00:14	1
N-methylperfluorooctanesulfonamidoacetic acid (NMeFOSAA)	0.19	U	0.19	0.095	ug/Kg	☼	10/06/25 14:09	10/07/25 00:14	1
N-ethylperfluorooctanesulfonamidoacetic acid (NEtFOSAA)	0.19	U	0.19	0.095	ug/Kg	☼	10/06/25 14:09	10/07/25 00:14	1
N-methylperfluorooctane sulfonamidoethanol (NMeFOSE)	0.95	U	0.95	0.48	ug/Kg	☼	10/06/25 14:09	10/07/25 00:14	1
N-ethylperfluorooctane sulfonamidoethanol (NEtFOSE)	0.95	U	0.95	0.48	ug/Kg	☼	10/06/25 14:09	10/07/25 00:14	1
Hexafluoropropylene Oxide Dimer Acid (HFPO-DA)	0.19	U	0.19	0.095	ug/Kg	☼	10/06/25 14:09	10/07/25 00:14	1
4,8-Dioxa-3H-perfluorononanoic acid (ADONA)	0.19	U	0.19	0.095	ug/Kg	☼	10/06/25 14:09	10/07/25 00:14	1
Perfluoro-3-methoxypropanoic acid (PFMPA)	0.19	U	0.19	0.095	ug/Kg	☼	10/06/25 14:09	10/07/25 00:14	1
Perfluoro-4-methoxybutanoic acid (PFMBA)	0.19	U	0.19	0.095	ug/Kg	☼	10/06/25 14:09	10/07/25 00:14	1
Nonafluoro-3,6-dioxaheptanoic acid (NFDHA)	0.19	U	0.19	0.095	ug/Kg	☼	10/06/25 14:09	10/07/25 00:14	1
9-Chlorohexadecafluoro-3-oxanonane-1-sulfonic acid (9Cl-PF3ONS)	0.19	U	0.19	0.095	ug/Kg	☼	10/06/25 14:09	10/07/25 00:14	1
11-Chloroeicosafluoro-3-oxaundecane-1-sulfonic acid (11Cl-PF3OUdS)	0.19	U	0.19	0.095	ug/Kg	☼	10/06/25 14:09	10/07/25 00:14	1
Perfluoro (2-ethoxyethane) sulfonic acid (PFEESA)	0.19	U	0.19	0.095	ug/Kg	☼	10/06/25 14:09	10/07/25 00:14	1
3-Perfluoropropylpropanoic acid (3:3 FTCA)	0.38	U	0.38	0.19	ug/Kg	☼	10/06/25 14:09	10/07/25 00:14	1
3-Perfluoropentylpropanoic acid (5:3 FTCA)	0.95	U	0.95	0.48	ug/Kg	☼	10/06/25 14:09	10/07/25 00:14	1
3-Perfluoroheptylpropanoic acid (7:3 FTCA)	0.95	U	0.95	0.48	ug/Kg	☼	10/06/25 14:09	10/07/25 00:14	1

Isotope Dilution	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
13C4 PFBA	*99.5*		*8 - 130*	*10/06/25 14:09*	*10/07/25 00:14*	*1*
13C5 PFPeA	*97.7*		*35 - 130*	*10/06/25 14:09*	*10/07/25 00:14*	*1*
13C5 PFHxA	*95.5*		*40 - 130*	*10/06/25 14:09*	*10/07/25 00:14*	*1*
13C4 PFHpA	*101*		*40 - 130*	*10/06/25 14:09*	*10/07/25 00:14*	*1*
13C8 PFOA	*94.4*		*40 - 130*	*10/06/25 14:09*	*10/07/25 00:14*	*1*
13C9 PFNA	*90.7*		*40 - 130*	*10/06/25 14:09*	*10/07/25 00:14*	*1*
13C6 PFDA	*83.6*		*40 - 130*	*10/06/25 14:09*	*10/07/25 00:14*	*1*
13C7 PFUnA	*78.0*		*40 - 130*	*10/06/25 14:09*	*10/07/25 00:14*	*1*
13C2 PFTeDA	*37.5*		*20 - 130*	*10/06/25 14:09*	*10/07/25 00:14*	*1*
13C3 PFBS	*93.0*		*40 - 135*	*10/06/25 14:09*	*10/07/25 00:14*	*1*

Client Sample ID: 55C_0-3

Date Collected: 09/30/25 10:05
Date Received: 09/30/25 16:15

Lab Sample ID: 460-336081-5

Matrix: Solid
Percent Solids: 95.4

Method: EPA 1633A - Per- and Polyfluoroalkyl Substances by LC/MS/MS, 1633A (Continued)

Isotope Dilution	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
13C3 PFHxS	93.1		40 - 130	10/06/25 14:09	10/07/25 00:14	1
13C8 PFOS	90.4		40 - 130	10/06/25 14:09	10/07/25 00:14	1
13C8 FOSA	84.8		40 - 130	10/06/25 14:09	10/07/25 00:14	1
d3-NMeFOSAA	73.3		40 - 135	10/06/25 14:09	10/07/25 00:14	1
d5-NEtFOSAA	66.7		40 - 150	10/06/25 14:09	10/07/25 00:14	1
13C2 4:2 FTS	118		40 - 165	10/06/25 14:09	10/07/25 00:14	1
13C2 6:2 FTS	106		40 - 215	10/06/25 14:09	10/07/25 00:14	1
13C2 8:2 FTS	88.9		40 - 275	10/06/25 14:09	10/07/25 00:14	1
13C3 HFPO-DA	98.1		40 - 130	10/06/25 14:09	10/07/25 00:14	1
d7-N-MeFOSE-M	62.6		20 - 130	10/06/25 14:09	10/07/25 00:14	1
d9-N-EtFOSE-M	55.1		15 - 130	10/06/25 14:09	10/07/25 00:14	1
d5-NEtPFOSA	66.4		10 - 130	10/06/25 14:09	10/07/25 00:14	1
d3-NMePFOSA	75.8		10 - 130	10/06/25 14:09	10/07/25 00:14	1
13C2 PFDoA	79.6		40 - 130	10/06/25 14:09	10/07/25 00:14	1

Method: SW846 6020B - Metals (ICP/MS)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Aluminum	5230		19.4	5.3	mg/Kg	☼	10/06/25 07:14	10/06/25 18:57	1
Antimony	0.95	J	0.97	0.14	mg/Kg	☼	10/06/25 07:14	10/06/25 18:57	1
Arsenic	7.4		0.97	0.10	mg/Kg	☼	10/06/25 07:14	10/06/25 18:57	1
Barium	30.5		1.9	0.14	mg/Kg	☼	10/06/25 07:14	10/06/25 18:57	1
Beryllium	0.46		0.39	0.021	mg/Kg	☼	10/06/25 07:14	10/06/25 18:57	1
Cadmium	0.97	U	0.97	0.11	mg/Kg	☼	10/06/25 07:14	10/06/25 18:57	1
Calcium	325		97.0	9.4	mg/Kg	☼	10/06/25 07:14	10/06/25 18:57	1
Chromium	12.0		1.9	0.29	mg/Kg	☼	10/06/25 07:14	10/06/25 18:57	1
Cobalt	4.0		0.97	0.14	mg/Kg	☼	10/06/25 07:14	10/06/25 18:57	1
Copper	36.5		1.9	0.36	mg/Kg	☼	10/06/25 07:14	10/06/25 18:57	1
Iron	16600		58.2	7.4	mg/Kg	☼	10/06/25 07:14	10/06/25 18:57	1
Lead	72.7		0.58	0.19	mg/Kg	☼	10/06/25 07:14	10/06/25 18:57	1
Magnesium	1230		97.0	9.9	mg/Kg	☼	10/06/25 07:14	10/06/25 18:57	1
Manganese	139		3.9	0.39	mg/Kg	☼	10/06/25 07:14	10/06/25 18:57	1
Nickel	9.3		1.9	0.17	mg/Kg	☼	10/06/25 07:14	10/06/25 18:57	1
Potassium	685		97.0	15.7	mg/Kg	☼	10/06/25 07:14	10/06/25 18:57	1
Selenium	0.55	J	1.2	0.12	mg/Kg	☼	10/06/25 07:14	10/06/25 18:57	1
Silver	0.35	J	0.39	0.086	mg/Kg	☼	10/06/25 07:14	10/06/25 18:57	1
Sodium	52.3	J	97.0	44.3	mg/Kg	☼	10/06/25 07:14	10/06/25 18:57	1
Thallium	0.065	J	0.39	0.040	mg/Kg	☼	10/06/25 07:14	10/06/25 18:57	1
Vanadium	22.1		1.9	0.20	mg/Kg	☼	10/06/25 07:14	10/06/25 18:57	1
Zinc	46.6		7.8	1.1	mg/Kg	☼	10/06/25 07:14	10/06/25 18:57	1

Method: SW846 7471B - Mercury (CVAA)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	0.020		0.018	0.0082	mg/Kg	☼	10/06/25 02:16	10/06/25 12:21	1

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Percent Moisture (EPA Moisture)	4.6		1.0	1.0	%			10/05/25 11:23	1
Percent Solids (EPA Moisture)	95.4		1.0	1.0	%			10/05/25 11:23	1

Client Sample ID: 55C_3-6
Date Collected: 09/30/25 10:10
Date Received: 09/30/25 16:15

Lab Sample ID: 460-336081-6
Matrix: Solid
Percent Solids: 91.8

Method: SW846 8270E - Semivolatile Organic Compounds (GC/MS)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1'-Biphenyl	0.36	U	0.36	0.012	mg/Kg	☼	10/01/25 20:32	10/02/25 10:38	1
1,2,4,5-Tetrachlorobenzene	0.36	U	0.36	0.011	mg/Kg	☼	10/01/25 20:32	10/02/25 10:38	1
1,4-Dioxane	0.036	U	0.036	0.031	mg/Kg	☼	10/01/25 20:32	10/02/25 10:38	1
2,2'-oxybis[1-chloropropane]	0.36	U	0.36	0.021	mg/Kg	☼	10/01/25 20:32	10/02/25 10:38	1
2,3,4,6-Tetrachlorophenol	0.36	U	0.36	0.024	mg/Kg	☼	10/01/25 20:32	10/02/25 10:38	1
2,4,5-Trichlorophenol	0.36	U	0.36	0.037	mg/Kg	☼	10/01/25 20:32	10/02/25 10:38	1
2,4,6-Trichlorophenol	0.14	U	0.14	0.046	mg/Kg	☼	10/01/25 20:32	10/02/25 10:38	1
2,4-Dichlorophenol	0.14	U	0.14	0.023	mg/Kg	☼	10/01/25 20:32	10/02/25 10:38	1
2,4-Dimethylphenol	0.36	U	0.36	0.043	mg/Kg	☼	10/01/25 20:32	10/02/25 10:38	1
2,4-Dinitrophenol	0.29	U	0.29	0.18	mg/Kg	☼	10/01/25 20:32	10/02/25 10:38	1
2,4-Dinitrotoluene	0.073	U	0.073	0.039	mg/Kg	☼	10/01/25 20:32	10/02/25 10:38	1
2,6-Dinitrotoluene	0.073	U	0.073	0.026	mg/Kg	☼	10/01/25 20:32	10/02/25 10:38	1
2-Chloronaphthalene	0.36	U	0.36	0.046	mg/Kg	☼	10/01/25 20:32	10/02/25 10:38	1
2-Chlorophenol	0.36	U	0.36	0.013	mg/Kg	☼	10/01/25 20:32	10/02/25 10:38	1
2-Methylnaphthalene	0.36	U	0.36	0.010	mg/Kg	☼	10/01/25 20:32	10/02/25 10:38	1
2-Methylphenol	0.36	U	0.36	0.013	mg/Kg	☼	10/01/25 20:32	10/02/25 10:38	1
2-Nitroaniline	0.36	U	0.36	0.027	mg/Kg	☼	10/01/25 20:32	10/02/25 10:38	1
2-Nitrophenol	0.36	U	0.36	0.036	mg/Kg	☼	10/01/25 20:32	10/02/25 10:38	1
3 & 4 Methylphenol	0.36	U	0.36	0.022	mg/Kg	☼	10/01/25 20:32	10/02/25 10:38	1
3,3'-Dichlorobenzidine	0.14	U	0.14	0.054	mg/Kg	☼	10/01/25 20:32	10/02/25 10:38	1
3-Nitroaniline	0.36	U	0.36	0.085	mg/Kg	☼	10/01/25 20:32	10/02/25 10:38	1
4,6-Dinitro-2-methylphenol	0.29	U	0.29	0.15	mg/Kg	☼	10/01/25 20:32	10/02/25 10:38	1
4-Bromophenyl phenyl ether	0.36	U	0.36	0.014	mg/Kg	☼	10/01/25 20:32	10/02/25 10:38	1
4-Chloro-3-methylphenol	0.36	U	0.36	0.020	mg/Kg	☼	10/01/25 20:32	10/02/25 10:38	1
4-Chloroaniline	0.36	U	0.36	0.064	mg/Kg	☼	10/01/25 20:32	10/02/25 10:38	1
4-Chlorophenyl phenyl ether	0.36	U	0.36	0.013	mg/Kg	☼	10/01/25 20:32	10/02/25 10:38	1
4-Methylphenol	0.36	U	0.36	0.022	mg/Kg	☼	10/01/25 20:32	10/02/25 10:38	1
4-Nitroaniline	0.36	U	0.36	0.091	mg/Kg	☼	10/01/25 20:32	10/02/25 10:38	1
4-Nitrophenol	0.73	U	0.73	0.058	mg/Kg	☼	10/01/25 20:32	10/02/25 10:38	1
Acenaphthene	0.36	U	0.36	0.010	mg/Kg	☼	10/01/25 20:32	10/02/25 10:38	1
Acenaphthylene	0.36	U	0.36	0.010	mg/Kg	☼	10/01/25 20:32	10/02/25 10:38	1
Acetophenone	0.36	U	0.36	0.018	mg/Kg	☼	10/01/25 20:32	10/02/25 10:38	1
Anthracene	0.36	U	0.36	0.011	mg/Kg	☼	10/01/25 20:32	10/02/25 10:38	1
Atrazine	0.14	U	0.14	0.021	mg/Kg	☼	10/01/25 20:32	10/02/25 10:38	1
Benzaldehyde	0.36	U	0.36	0.059	mg/Kg	☼	10/01/25 20:32	10/02/25 10:38	1
Benzo[a]anthracene	0.036	U	0.036	0.027	mg/Kg	☼	10/01/25 20:32	10/02/25 10:38	1
Benzo[a]pyrene	0.036	U	0.036	0.0096	mg/Kg	☼	10/01/25 20:32	10/02/25 10:38	1
Benzo[b]fluoranthene	0.036	U	0.036	0.0093	mg/Kg	☼	10/01/25 20:32	10/02/25 10:38	1
Benzo[g,h,i]perylene	0.36	U	0.36	0.011	mg/Kg	☼	10/01/25 20:32	10/02/25 10:38	1
Benzo[k]fluoranthene	0.036	U	0.036	0.0070	mg/Kg	☼	10/01/25 20:32	10/02/25 10:38	1
Bis(2-chloroethoxy)methane	0.36	U	0.36	0.066	mg/Kg	☼	10/01/25 20:32	10/02/25 10:38	1
Bis(2-chloroethyl)ether	0.036	U	0.036	0.012	mg/Kg	☼	10/01/25 20:32	10/02/25 10:38	1
Bis(2-ethylhexyl) phthalate	0.36	U	0.36	0.019	mg/Kg	☼	10/01/25 20:32	10/02/25 10:38	1
Butyl benzyl phthalate	0.36	U	0.36	0.017	mg/Kg	☼	10/01/25 20:32	10/02/25 10:38	1
Caprolactam	0.36	U	0.36	0.056	mg/Kg	☼	10/01/25 20:32	10/02/25 10:38	1
Carbazole	0.36	U	0.36	0.014	mg/Kg	☼	10/01/25 20:32	10/02/25 10:38	1
Chrysene	0.36	U	0.36	0.015	mg/Kg	☼	10/01/25 20:32	10/02/25 10:38	1
Dibenz(a,h)anthracene	0.036	U	0.036	0.016	mg/Kg	☼	10/01/25 20:32	10/02/25 10:38	1
Dibenzofuran	0.36	U	0.36	0.012	mg/Kg	☼	10/01/25 20:32	10/02/25 10:38	1

Client Sample ID: 55C_3-6
Date Collected: 09/30/25 10:10
Date Received: 09/30/25 16:15

Lab Sample ID: 460-336081-6
Matrix: Solid
Percent Solids: 91.8

Method: SW846 8270E - Semivolatile Organic Compounds (GC/MS) (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Diethyl phthalate	0.36	U	0.36	0.012	mg/Kg	☼	10/01/25 20:32	10/02/25 10:38	1
Dimethyl phthalate	0.36	U	0.36	0.081	mg/Kg	☼	10/01/25 20:32	10/02/25 10:38	1
Di-n-butyl phthalate	0.36	U	0.36	0.014	mg/Kg	☼	10/01/25 20:32	10/02/25 10:38	1
Di-n-octyl phthalate	0.36	U	0.36	0.019	mg/Kg	☼	10/01/25 20:32	10/02/25 10:38	1
Fluoranthene	0.36	U	0.36	0.013	mg/Kg	☼	10/01/25 20:32	10/02/25 10:38	1
Fluorene	0.36	U	0.36	0.010	mg/Kg	☼	10/01/25 20:32	10/02/25 10:38	1
Hexachlorobenzene	0.036	U	0.036	0.017	mg/Kg	☼	10/01/25 20:32	10/02/25 10:38	1
Hexachlorobutadiene	0.073	U	0.073	0.0076	mg/Kg	☼	10/01/25 20:32	10/02/25 10:38	1
Hexachlorocyclopentadiene	0.36	U	0.36	0.031	mg/Kg	☼	10/01/25 20:32	10/02/25 10:38	1
Hexachloroethane	0.036	U	0.036	0.012	mg/Kg	☼	10/01/25 20:32	10/02/25 10:38	1
Indeno[1,2,3-cd]pyrene	0.036	U	0.036	0.014	mg/Kg	☼	10/01/25 20:32	10/02/25 10:38	1
Isophorone	0.14	U	0.14	0.10	mg/Kg	☼	10/01/25 20:32	10/02/25 10:38	1
Naphthalene	0.36	U	0.36	0.0062	mg/Kg	☼	10/01/25 20:32	10/02/25 10:38	1
Nitrobenzene	0.036	U	0.036	0.020	mg/Kg	☼	10/01/25 20:32	10/02/25 10:38	1
N-Nitrosodi-n-propylamine	0.036	U	0.036	0.026	mg/Kg	☼	10/01/25 20:32	10/02/25 10:38	1
N-Nitrosodiphenylamine	0.36	U	0.36	0.029	mg/Kg	☼	10/01/25 20:32	10/02/25 10:38	1
Pentachlorophenol	0.29	U	0.29	0.073	mg/Kg	☼	10/01/25 20:32	10/02/25 10:38	1
Phenanthrene	0.36	U	0.36	0.015	mg/Kg	☼	10/01/25 20:32	10/02/25 10:38	1
Phenol	0.36	U	0.36	0.013	mg/Kg	☼	10/01/25 20:32	10/02/25 10:38	1
Pyrene	0.36	U	0.36	0.0089	mg/Kg	☼	10/01/25 20:32	10/02/25 10:38	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
2,4,6-Tribromophenol (Surr)	*63*		*18 - 137*	*10/01/25 20:32*	*10/02/25 10:38*	*1*
2-Fluorobiphenyl	*65*		*33 - 117*	*10/01/25 20:32*	*10/02/25 10:38*	*1*
2-Fluorophenol (Surr)	*66*		*24 - 120*	*10/01/25 20:32*	*10/02/25 10:38*	*1*
Nitrobenzene-d5 (Surr)	*66*		*27 - 120*	*10/01/25 20:32*	*10/02/25 10:38*	*1*
Phenol-d5 (Surr)	*65*		*28 - 118*	*10/01/25 20:32*	*10/02/25 10:38*	*1*
Terphenyl-d14 (Surr)	*75*		*33 - 124*	*10/01/25 20:32*	*10/02/25 10:38*	*1*

Method: SW846 8081B - Organochlorine Pesticides (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
4,4'-DDD	0.0073	U	0.0073	0.0012	mg/Kg	☼	10/01/25 16:50	10/02/25 08:13	1
4,4'-DDE	0.0073	U	0.0073	0.00086	mg/Kg	☼	10/01/25 16:50	10/02/25 08:13	1
4,4'-DDT	0.0073	U	0.0073	0.0013	mg/Kg	☼	10/01/25 16:50	10/02/25 08:13	1
Aldrin	0.0073	U	0.0073	0.0011	mg/Kg	☼	10/01/25 16:50	10/02/25 08:13	1
alpha-BHC	0.0022	U	0.0022	0.00074	mg/Kg	☼	10/01/25 16:50	10/02/25 08:13	1
beta-BHC	0.0022	U	0.0022	0.00082	mg/Kg	☼	10/01/25 16:50	10/02/25 08:13	1
Chlordane (technical)	0.073	U	0.073	0.018	mg/Kg	☼	10/01/25 16:50	10/02/25 08:13	1
cis-Chlordane	0.0073	U	0.0073	0.0012	mg/Kg	☼	10/01/25 16:50	10/02/25 08:13	1
delta-BHC	0.0022	U	0.0022	0.00045	mg/Kg	☼	10/01/25 16:50	10/02/25 08:13	1
Dieldrin	0.0022	U	0.0022	0.00095	mg/Kg	☼	10/01/25 16:50	10/02/25 08:13	1
Endosulfan I	0.0073	U	0.0073	0.0011	mg/Kg	☼	10/01/25 16:50	10/02/25 08:13	1
Endosulfan II	0.0073	U	0.0073	0.0019	mg/Kg	☼	10/01/25 16:50	10/02/25 08:13	1
Endosulfan sulfate	0.0073	U	0.0073	0.00092	mg/Kg	☼	10/01/25 16:50	10/02/25 08:13	1
Endrin	0.0073	U	0.0073	0.0010	mg/Kg	☼	10/01/25 16:50	10/02/25 08:13	1
Endrin aldehyde	0.0073	U	0.0073	0.0017	mg/Kg	☼	10/01/25 16:50	10/02/25 08:13	1
Endrin ketone	0.0073	U	0.0073	0.0014	mg/Kg	☼	10/01/25 16:50	10/02/25 08:13	1
gamma-BHC (Lindane)	0.0022	U	0.0022	0.00068	mg/Kg	☼	10/01/25 16:50	10/02/25 08:13	1
Heptachlor	0.0073	U	0.0073	0.00086	mg/Kg	☼	10/01/25 16:50	10/02/25 08:13	1
Heptachlor epoxide	0.0073	U	0.0073	0.0011	mg/Kg	☼	10/01/25 16:50	10/02/25 08:13	1

Client Sample ID: 55C_3-6
Date Collected: 09/30/25 10:10
Date Received: 09/30/25 16:15

Lab Sample ID: 460-336081-6
Matrix: Solid
Percent Solids: 91.8

Method: SW846 8081B - Organochlorine Pesticides (GC) (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Methoxychlor	0.0073	U	0.0073	0.0017	mg/Kg	☼	10/01/25 16:50	10/02/25 08:13	1
Toxaphene	0.073	U	0.073	0.026	mg/Kg	☼	10/01/25 16:50	10/02/25 08:13	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
DCB Decachlorobiphenyl	*91*		*10 - 150*	*10/01/25 16:50*	*10/02/25 08:13*	*1*
DCB Decachlorobiphenyl	*114*		*10 - 150*	*10/01/25 16:50*	*10/02/25 08:13*	*1*
Tetrachloro-m-xylene	*97*		*14 - 150*	*10/01/25 16:50*	*10/02/25 08:13*	*1*
Tetrachloro-m-xylene	*95*		*14 - 150*	*10/01/25 16:50*	*10/02/25 08:13*	*1*

Method: SW846 8082A - Polychlorinated Biphenyls (PCBs) by Gas Chromatography

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Aroclor 1016	0.073	U	0.073	0.019	mg/Kg	☼	10/01/25 16:38	10/02/25 17:12	1
Aroclor 1221	0.073	U	0.073	0.019	mg/Kg	☼	10/01/25 16:38	10/02/25 17:12	1
Aroclor 1232	0.073	U	0.073	0.019	mg/Kg	☼	10/01/25 16:38	10/02/25 17:12	1
Aroclor 1242	0.073	U	0.073	0.019	mg/Kg	☼	10/01/25 16:38	10/02/25 17:12	1
Aroclor 1248	0.073	U	0.073	0.019	mg/Kg	☼	10/01/25 16:38	10/02/25 17:12	1
Aroclor 1254	0.073	U	0.073	0.019	mg/Kg	☼	10/01/25 16:38	10/02/25 17:12	1
Aroclor 1260	0.073	U	0.073	0.019	mg/Kg	☼	10/01/25 16:38	10/02/25 17:12	1
Aroclor-1262	0.073	U	0.073	0.019	mg/Kg	☼	10/01/25 16:38	10/02/25 17:12	1
Aroclor 1268	0.073	U	0.073	0.019	mg/Kg	☼	10/01/25 16:38	10/02/25 17:12	1
Polychlorinated biphenyls, Total	0.073	U	0.073	0.019	mg/Kg	☼	10/01/25 16:38	10/02/25 17:12	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
DCB Decachlorobiphenyl	*149*		*10 - 150*	*10/01/25 16:38*	*10/02/25 17:12*	*1*
DCB Decachlorobiphenyl	*157*	*	*10 - 150*	*10/01/25 16:38*	*10/02/25 17:12*	*1*
Tetrachloro-m-xylene	*143*		*10 - 150*	*10/01/25 16:38*	*10/02/25 17:12*	*1*
Tetrachloro-m-xylene	*153*	*	*10 - 150*	*10/01/25 16:38*	*10/02/25 17:12*	*1*

Method: EPA 1633A - Per- and Polyfluoroalkyl Substances by LC/MS/MS, 1633A

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Perfluorobutanoic acid (PFBA)	0.39	U	0.39	0.097	ug/Kg	☼	10/06/25 14:09	10/07/25 00:28	1
Perfluoropentanoic acid (PFPeA)	0.19	U	0.19	0.097	ug/Kg	☼	10/06/25 14:09	10/07/25 00:28	1
Perfluorohexanoic acid (PFHxA)	**0.12**	**J**	0.19	0.097	ug/Kg	☼	10/06/25 14:09	10/07/25 00:28	1
Perfluoroheptanoic acid (PFHpA)	**0.11**	**J**	0.19	0.097	ug/Kg	☼	10/06/25 14:09	10/07/25 00:28	1
Perfluorooctanoic acid (PFOA)	**0.37**		0.19	0.058	ug/Kg	☼	10/06/25 14:09	10/07/25 00:28	1
Perfluorononanoic acid (PFNA)	**0.87**		0.19	0.097	ug/Kg	☼	10/06/25 14:09	10/07/25 00:28	1
Perfluorodecanoic acid (PFDA)	**0.12**	**J**	0.19	0.058	ug/Kg	☼	10/06/25 14:09	10/07/25 00:28	1
Perfluoroundecanoic acid (PFUnA)	**0.65**		0.19	0.097	ug/Kg	☼	10/06/25 14:09	10/07/25 00:28	1
Perfluorododecanoic acid (PFDoA)	0.19	U	0.19	0.097	ug/Kg	☼	10/06/25 14:09	10/07/25 00:28	1
Perfluorotridecanoic acid (PFTrDA)	**0.32**		0.19	0.097	ug/Kg	☼	10/06/25 14:09	10/07/25 00:28	1
Perfluorotetradecanoic acid (PFTeDA)	0.19	U	0.19	0.097	ug/Kg	☼	10/06/25 14:09	10/07/25 00:28	1
Perfluorobutanesulfonic acid (PFBS)	0.19	U	0.19	0.097	ug/Kg	☼	10/06/25 14:09	10/07/25 00:28	1
Perfluoropentanesulfonic acid (PFPeS)	0.19	U	0.19	0.097	ug/Kg	☼	10/06/25 14:09	10/07/25 00:28	1
Perfluorohexanesulfonic acid (PFHxS)	0.19	U	0.19	0.097	ug/Kg	☼	10/06/25 14:09	10/07/25 00:28	1
Perfluoroheptanesulfonic acid (PFHpS)	0.19	U	0.19	0.097	ug/Kg	☼	10/06/25 14:09	10/07/25 00:28	1
Perfluorooctanesulfonic acid (PFOS)	0.19	U	0.19	0.097	ug/Kg	☼	10/06/25 14:09	10/07/25 00:28	1
Perfluorononanesulfonic acid (PFNS)	0.19	U	0.19	0.097	ug/Kg	☼	10/06/25 14:09	10/07/25 00:28	1

Client Sample ID: 55C_3-6
Date Collected: 09/30/25 10:10
Date Received: 09/30/25 16:15

Lab Sample ID: 460-336081-6
Matrix: Solid
Percent Solids: 91.8

Method: EPA 1633A - Per- and Polyfluoroalkyl Substances by LC/MS/MS, 1633A (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Perfluorodecanesulfonic acid (PFDS)	0.19	U	0.19	0.097	ug/Kg	☼	10/06/25 14:09	10/07/25 00:28	1
Perfluorododecanesulfonic acid (PFDoS)	0.19	U	0.19	0.097	ug/Kg	☼	10/06/25 14:09	10/07/25 00:28	1
1H,1H,2H,2H-Perfluorohexane sulfonic acid (4:2 FTS)	0.39	U	0.39	0.19	ug/Kg	☼	10/06/25 14:09	10/07/25 00:28	1
1H,1H,2H,2H-Perfluorooctane sulfonic acid (6:2 FTS)	0.39	U	0.39	0.19	ug/Kg	☼	10/06/25 14:09	10/07/25 00:28	1
1H,1H,2H,2H-Perfluorodecane sulfonic acid (8:2 FTS)	0.39	U	0.39	0.19	ug/Kg	☼	10/06/25 14:09	10/07/25 00:28	1
Perfluorooctanesulfonamide (PFOSA)	0.19	U	0.19	0.097	ug/Kg	☼	10/06/25 14:09	10/07/25 00:28	1
N-methylperfluorooctane sulfonamide (NMeFOSA)	0.19	U	0.19	0.097	ug/Kg	☼	10/06/25 14:09	10/07/25 00:28	1
N-ethylperfluorooctane sulfonamide (NEtFOSA)	0.19	U	0.19	0.097	ug/Kg	☼	10/06/25 14:09	10/07/25 00:28	1
N-methylperfluorooctanesulfonamidoacetic acid (NMeFOSAA)	0.19	U	0.19	0.097	ug/Kg	☼	10/06/25 14:09	10/07/25 00:28	1
N-ethylperfluorooctanesulfonamidoacetic acid (NEtFOSAA)	0.19	U	0.19	0.097	ug/Kg	☼	10/06/25 14:09	10/07/25 00:28	1
N-methylperfluorooctane sulfonamidoethanol (NMeFOSE)	0.97	U	0.97	0.48	ug/Kg	☼	10/06/25 14:09	10/07/25 00:28	1
N-ethylperfluorooctane sulfonamidoethanol (NEtFOSE)	0.97	U	0.97	0.48	ug/Kg	☼	10/06/25 14:09	10/07/25 00:28	1
Hexafluoropropylene Oxide Dimer Acid (HFPO-DA)	0.19	U	0.19	0.097	ug/Kg	☼	10/06/25 14:09	10/07/25 00:28	1
4,8-Dioxa-3H-perfluorononanoic acid (ADONA)	0.19	U	0.19	0.097	ug/Kg	☼	10/06/25 14:09	10/07/25 00:28	1
Perfluoro-3-methoxypropanoic acid (PFMPA)	0.19	U	0.19	0.097	ug/Kg	☼	10/06/25 14:09	10/07/25 00:28	1
Perfluoro-4-methoxybutanoic acid (PFMBA)	0.19	U	0.19	0.097	ug/Kg	☼	10/06/25 14:09	10/07/25 00:28	1
Nonafluoro-3,6-dioxaheptanoic acid (NFDHA)	0.19	U	0.19	0.097	ug/Kg	☼	10/06/25 14:09	10/07/25 00:28	1
9-Chlorohexadecafluoro-3-oxanonane-1-sulfonic acid (9Cl-PF3ONS)	0.19	U	0.19	0.097	ug/Kg	☼	10/06/25 14:09	10/07/25 00:28	1
11-Chloroeicosafluoro-3-oxaundecane-1-sulfonic acid (11Cl-PF3OUdS)	0.19	U	0.19	0.097	ug/Kg	☼	10/06/25 14:09	10/07/25 00:28	1
Perfluoro (2-ethoxyethane) sulfonic acid (PFEESA)	0.19	U	0.19	0.097	ug/Kg	☼	10/06/25 14:09	10/07/25 00:28	1
3-Perfluoropropylpropanoic acid (3:3 FTCA)	0.39	U	0.39	0.19	ug/Kg	☼	10/06/25 14:09	10/07/25 00:28	1
3-Perfluoropentylpropanoic acid (5:3 FTCA)	0.97	U	0.97	0.48	ug/Kg	☼	10/06/25 14:09	10/07/25 00:28	1
3-Perfluoroheptylpropanoic acid (7:3 FTCA)	0.97	U	0.97	0.48	ug/Kg	☼	10/06/25 14:09	10/07/25 00:28	1

Isotope Dilution	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
13C4 PFBA	*99.9*		*8 - 130*	*10/06/25 14:09*	*10/07/25 00:28*	*1*
13C5 PFPeA	*96.9*		*35 - 130*	*10/06/25 14:09*	*10/07/25 00:28*	*1*
13C5 PFHxA	*90.4*		*40 - 130*	*10/06/25 14:09*	*10/07/25 00:28*	*1*
13C4 PFHpA	*99.3*		*40 - 130*	*10/06/25 14:09*	*10/07/25 00:28*	*1*
13C8 PFOA	*95.2*		*40 - 130*	*10/06/25 14:09*	*10/07/25 00:28*	*1*
13C9 PFNA	*87.7*		*40 - 130*	*10/06/25 14:09*	*10/07/25 00:28*	*1*
13C6 PFDA	*86.8*		*40 - 130*	*10/06/25 14:09*	*10/07/25 00:28*	*1*
13C7 PFUnA	*74.3*		*40 - 130*	*10/06/25 14:09*	*10/07/25 00:28*	*1*
13C2 PFTeDA	*51.6*		*20 - 130*	*10/06/25 14:09*	*10/07/25 00:28*	*1*

Client Sample ID: 55C_3-6

Date Collected: 09/30/25 10:10
Date Received: 09/30/25 16:15

Lab Sample ID: 460-336081-6

Matrix: Solid
Percent Solids: 91.8

Method: EPA 1633A - Per- and Polyfluoroalkyl Substances by LC/MS/MS, 1633A (Continued)

Isotope Dilution	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
13C3 PFBS	90.6		40 - 135	10/06/25 14:09	10/07/25 00:28	1
13C3 PFHxS	88.6		40 - 130	10/06/25 14:09	10/07/25 00:28	1
13C8 PFOS	86.7		40 - 130	10/06/25 14:09	10/07/25 00:28	1
13C8 FOSA	84.7		40 - 130	10/06/25 14:09	10/07/25 00:28	1
d3-NMeFOSAA	69.7		40 - 135	10/06/25 14:09	10/07/25 00:28	1
d5-NEtFOSAA	64.7		40 - 150	10/06/25 14:09	10/07/25 00:28	1
13C2 4:2 FTS	153		40 - 165	10/06/25 14:09	10/07/25 00:28	1
13C2 6:2 FTS	122		40 - 215	10/06/25 14:09	10/07/25 00:28	1
13C2 8:2 FTS	103		40 - 275	10/06/25 14:09	10/07/25 00:28	1
13C3 HFPO-DA	95.0		40 - 130	10/06/25 14:09	10/07/25 00:28	1
d7-N-MeFOSE-M	62.3		20 - 130	10/06/25 14:09	10/07/25 00:28	1
d9-N-EtFOSE-M	52.7		15 - 130	10/06/25 14:09	10/07/25 00:28	1
d5-NEtPFOSA	66.3		10 - 130	10/06/25 14:09	10/07/25 00:28	1
d3-NMePFOSA	73.6		10 - 130	10/06/25 14:09	10/07/25 00:28	1
13C2 PFDoA	79.1		40 - 130	10/06/25 14:09	10/07/25 00:28	1

Method: SW846 6020B - Metals (ICP/MS)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Aluminum	4650		19.5	5.3	mg/Kg	☼	10/06/25 07:14	10/06/25 19:00	1
Antimony	0.42	J	0.97	0.14	mg/Kg	☼	10/06/25 07:14	10/06/25 19:00	1
Arsenic	4.5		0.97	0.10	mg/Kg	☼	10/06/25 07:14	10/06/25 19:00	1
Barium	33.6		1.9	0.14	mg/Kg	☼	10/06/25 07:14	10/06/25 19:00	1
Beryllium	0.37	J	0.39	0.021	mg/Kg	☼	10/06/25 07:14	10/06/25 19:00	1
Cadmium	0.97	U	0.97	0.11	mg/Kg	☼	10/06/25 07:14	10/06/25 19:00	1
Calcium	362		97.3	9.5	mg/Kg	☼	10/06/25 07:14	10/06/25 19:00	1
Chromium	10.1		1.9	0.29	mg/Kg	☼	10/06/25 07:14	10/06/25 19:00	1
Cobalt	3.2		0.97	0.14	mg/Kg	☼	10/06/25 07:14	10/06/25 19:00	1
Copper	25.5		1.9	0.36	mg/Kg	☼	10/06/25 07:14	10/06/25 19:00	1
Iron	13500		58.4	7.4	mg/Kg	☼	10/06/25 07:14	10/06/25 19:00	1
Lead	26.8		0.58	0.19	mg/Kg	☼	10/06/25 07:14	10/06/25 19:00	1
Magnesium	830		97.3	9.9	mg/Kg	☼	10/06/25 07:14	10/06/25 19:00	1
Manganese	117		3.9	0.39	mg/Kg	☼	10/06/25 07:14	10/06/25 19:00	1
Nickel	6.2		1.9	0.17	mg/Kg	☼	10/06/25 07:14	10/06/25 19:00	1
Potassium	551		97.3	15.8	mg/Kg	☼	10/06/25 07:14	10/06/25 19:00	1
Selenium	0.33	J	1.2	0.12	mg/Kg	☼	10/06/25 07:14	10/06/25 19:00	1
Silver	0.17	J	0.39	0.087	mg/Kg	☼	10/06/25 07:14	10/06/25 19:00	1
Sodium	47.2	J	97.3	44.5	mg/Kg	☼	10/06/25 07:14	10/06/25 19:00	1
Thallium	0.083	J	0.39	0.040	mg/Kg	☼	10/06/25 07:14	10/06/25 19:00	1
Vanadium	17.2		1.9	0.20	mg/Kg	☼	10/06/25 07:14	10/06/25 19:00	1
Zinc	33.0		7.8	1.1	mg/Kg	☼	10/06/25 07:14	10/06/25 19:00	1

Method: SW846 7471B - Mercury (CVAA)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	0.024		0.017	0.0080	mg/Kg	☼	10/06/25 02:16	10/06/25 12:24	1

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Percent Moisture (EPA Moisture)	8.2		1.0	1.0	%			10/05/25 11:23	1
Percent Solids (EPA Moisture)	91.8		1.0	1.0	%			10/05/25 11:23	1

Client Sample ID: 56A_0-3
Date Collected: 09/30/25 12:35
Date Received: 09/30/25 16:15

Lab Sample ID: 460-336081-7
Matrix: Solid
Percent Solids: 90.6

Method: SW846 8270E - Semivolatile Organic Compounds (GC/MS)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1'-Biphenyl	0.36	U	0.36	0.013	mg/Kg	☼	10/01/25 20:32	10/02/25 11:01	1
1,2,4,5-Tetrachlorobenzene	0.36	U	0.36	0.011	mg/Kg	☼	10/01/25 20:32	10/02/25 11:01	1
1,4-Dioxane	0.036	U	0.036	0.032	mg/Kg	☼	10/01/25 20:32	10/02/25 11:01	1
2,2'-oxybis[1-chloropropane]	0.36	U	0.36	0.022	mg/Kg	☼	10/01/25 20:32	10/02/25 11:01	1
2,3,4,6-Tetrachlorophenol	0.36	U	0.36	0.024	mg/Kg	☼	10/01/25 20:32	10/02/25 11:01	1
2,4,5-Trichlorophenol	0.36	U	0.36	0.037	mg/Kg	☼	10/01/25 20:32	10/02/25 11:01	1
2,4,6-Trichlorophenol	0.15	U	0.15	0.046	mg/Kg	☼	10/01/25 20:32	10/02/25 11:01	1
2,4-Dichlorophenol	0.15	U	0.15	0.023	mg/Kg	☼	10/01/25 20:32	10/02/25 11:01	1
2,4-Dimethylphenol	0.36	U	0.36	0.043	mg/Kg	☼	10/01/25 20:32	10/02/25 11:01	1
2,4-Dinitrophenol	0.29	U	0.29	0.18	mg/Kg	☼	10/01/25 20:32	10/02/25 11:01	1
2,4-Dinitrotoluene	0.073	U	0.073	0.039	mg/Kg	☼	10/01/25 20:32	10/02/25 11:01	1
2,6-Dinitrotoluene	0.073	U	0.073	0.026	mg/Kg	☼	10/01/25 20:32	10/02/25 11:01	1
2-Chloronaphthalene	0.36	U	0.36	0.046	mg/Kg	☼	10/01/25 20:32	10/02/25 11:01	1
2-Chlorophenol	0.36	U	0.36	0.013	mg/Kg	☼	10/01/25 20:32	10/02/25 11:01	1
2-Methylnaphthalene	0.36	U	0.36	0.010	mg/Kg	☼	10/01/25 20:32	10/02/25 11:01	1
2-Methylphenol	0.36	U	0.36	0.013	mg/Kg	☼	10/01/25 20:32	10/02/25 11:01	1
2-Nitroaniline	0.36	U	0.36	0.028	mg/Kg	☼	10/01/25 20:32	10/02/25 11:01	1
2-Nitrophenol	0.36	U	0.36	0.036	mg/Kg	☼	10/01/25 20:32	10/02/25 11:01	1
3 & 4 Methylphenol	0.36	U	0.36	0.023	mg/Kg	☼	10/01/25 20:32	10/02/25 11:01	1
3,3'-Dichlorobenzidine	0.15	U	0.15	0.055	mg/Kg	☼	10/01/25 20:32	10/02/25 11:01	1
3-Nitroaniline	0.36	U	0.36	0.086	mg/Kg	☼	10/01/25 20:32	10/02/25 11:01	1
4,6-Dinitro-2-methylphenol	0.29	U	0.29	0.15	mg/Kg	☼	10/01/25 20:32	10/02/25 11:01	1
4-Bromophenyl phenyl ether	0.36	U	0.36	0.014	mg/Kg	☼	10/01/25 20:32	10/02/25 11:01	1
4-Chloro-3-methylphenol	0.36	U	0.36	0.020	mg/Kg	☼	10/01/25 20:32	10/02/25 11:01	1
4-Chloroaniline	0.36	U	0.36	0.064	mg/Kg	☼	10/01/25 20:32	10/02/25 11:01	1
4-Chlorophenyl phenyl ether	0.36	U	0.36	0.013	mg/Kg	☼	10/01/25 20:32	10/02/25 11:01	1
4-Methylphenol	0.36	U	0.36	0.023	mg/Kg	☼	10/01/25 20:32	10/02/25 11:01	1
4-Nitroaniline	0.36	U	0.36	0.092	mg/Kg	☼	10/01/25 20:32	10/02/25 11:01	1
4-Nitrophenol	0.73	U	0.73	0.059	mg/Kg	☼	10/01/25 20:32	10/02/25 11:01	1
Acenaphthene	0.36	U	0.36	0.010	mg/Kg	☼	10/01/25 20:32	10/02/25 11:01	1
Acenaphthylene	0.36	U	0.36	0.010	mg/Kg	☼	10/01/25 20:32	10/02/25 11:01	1
Acetophenone	0.36	U	0.36	0.018	mg/Kg	☼	10/01/25 20:32	10/02/25 11:01	1
Anthracene	0.36	U	0.36	0.011	mg/Kg	☼	10/01/25 20:32	10/02/25 11:01	1
Atrazine	0.15	U	0.15	0.021	mg/Kg	☼	10/01/25 20:32	10/02/25 11:01	1
Benzaldehyde	0.36	U	0.36	0.060	mg/Kg	☼	10/01/25 20:32	10/02/25 11:01	1
Benzo[a]anthracene	0.036	U	0.036	0.027	mg/Kg	☼	10/01/25 20:32	10/02/25 11:01	1
Benzo[a]pyrene	0.036	U	0.036	0.0096	mg/Kg	☼	10/01/25 20:32	10/02/25 11:01	1
Benzo[b]fluoranthene	0.036	U	0.036	0.0093	mg/Kg	☼	10/01/25 20:32	10/02/25 11:01	1
Benzo[g,h,i]perylene	0.36	U	0.36	0.011	mg/Kg	☼	10/01/25 20:32	10/02/25 11:01	1
Benzo[k]fluoranthene	0.036	U	0.036	0.0071	mg/Kg	☼	10/01/25 20:32	10/02/25 11:01	1
Bis(2-chloroethoxy)methane	0.36	U	0.36	0.067	mg/Kg	☼	10/01/25 20:32	10/02/25 11:01	1
Bis(2-chloroethyl)ether	0.036	U	0.036	0.013	mg/Kg	☼	10/01/25 20:32	10/02/25 11:01	1
Bis(2-ethylhexyl) phthalate	0.36	U	0.36	0.019	mg/Kg	☼	10/01/25 20:32	10/02/25 11:01	1
Butyl benzyl phthalate	0.36	U	0.36	0.017	mg/Kg	☼	10/01/25 20:32	10/02/25 11:01	1
Caprolactam	0.36	U	0.36	0.056	mg/Kg	☼	10/01/25 20:32	10/02/25 11:01	1
Carbazole	0.36	U	0.36	0.014	mg/Kg	☼	10/01/25 20:32	10/02/25 11:01	1
Chrysene	0.36	U	0.36	0.015	mg/Kg	☼	10/01/25 20:32	10/02/25 11:01	1
Dibenz(a,h)anthracene	0.036	U	0.036	0.016	mg/Kg	☼	10/01/25 20:32	10/02/25 11:01	1
Dibenzofuran	0.36	U	0.36	0.012	mg/Kg	☼	10/01/25 20:32	10/02/25 11:01	1

Client Sample ID: 56A_0-3

Date Collected: 09/30/25 12:35
Date Received: 09/30/25 16:15

Lab Sample ID: 460-336081-7

Matrix: Solid
Percent Solids: 90.6

Method: SW846 8270E - Semivolatile Organic Compounds (GC/MS) (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Diethyl phthalate	0.36	U	0.36	0.012	mg/Kg	☼	10/01/25 20:32	10/02/25 11:01	1
Dimethyl phthalate	0.36	U	0.36	0.082	mg/Kg	☼	10/01/25 20:32	10/02/25 11:01	1
Di-n-butyl phthalate	0.36	U	0.36	0.014	mg/Kg	☼	10/01/25 20:32	10/02/25 11:01	1
Di-n-octyl phthalate	0.36	U	0.36	0.019	mg/Kg	☼	10/01/25 20:32	10/02/25 11:01	1
Fluoranthene	0.36	U	0.36	0.013	mg/Kg	☼	10/01/25 20:32	10/02/25 11:01	1
Fluorene	0.36	U	0.36	0.011	mg/Kg	☼	10/01/25 20:32	10/02/25 11:01	1
Hexachlorobenzene	0.036	U	0.036	0.017	mg/Kg	☼	10/01/25 20:32	10/02/25 11:01	1
Hexachlorobutadiene	0.073	U	0.073	0.0077	mg/Kg	☼	10/01/25 20:32	10/02/25 11:01	1
Hexachlorocyclopentadiene	0.36	U	0.36	0.032	mg/Kg	☼	10/01/25 20:32	10/02/25 11:01	1
Hexachloroethane	0.036	U	0.036	0.012	mg/Kg	☼	10/01/25 20:32	10/02/25 11:01	1
Indeno[1,2,3-cd]pyrene	0.036	U	0.036	0.014	mg/Kg	☼	10/01/25 20:32	10/02/25 11:01	1
Isophorone	0.15	U	0.15	0.10	mg/Kg	☼	10/01/25 20:32	10/02/25 11:01	1
Naphthalene	0.36	U	0.36	0.0062	mg/Kg	☼	10/01/25 20:32	10/02/25 11:01	1
Nitrobenzene	0.036	U	0.036	0.020	mg/Kg	☼	10/01/25 20:32	10/02/25 11:01	1
N-Nitrosodi-n-propylamine	0.036	U	0.036	0.026	mg/Kg	☼	10/01/25 20:32	10/02/25 11:01	1
N-Nitrosodiphenylamine	0.36	U	0.36	0.030	mg/Kg	☼	10/01/25 20:32	10/02/25 11:01	1
Pentachlorophenol	0.29	U	0.29	0.074	mg/Kg	☼	10/01/25 20:32	10/02/25 11:01	1
Phenanthrene	0.36	U	0.36	0.015	mg/Kg	☼	10/01/25 20:32	10/02/25 11:01	1
Phenol	0.36	U	0.36	0.013	mg/Kg	☼	10/01/25 20:32	10/02/25 11:01	1
Pyrene	0.36	U	0.36	0.0090	mg/Kg	☼	10/01/25 20:32	10/02/25 11:01	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
2,4,6-Tribromophenol (Surr)	*60*		*18 - 137*	*10/01/25 20:32*	*10/02/25 11:01*	*1*
2-Fluorobiphenyl	*64*		*33 - 117*	*10/01/25 20:32*	*10/02/25 11:01*	*1*
2-Fluorophenol (Surr)	*65*		*24 - 120*	*10/01/25 20:32*	*10/02/25 11:01*	*1*
Nitrobenzene-d5 (Surr)	*64*		*27 - 120*	*10/01/25 20:32*	*10/02/25 11:01*	*1*
Phenol-d5 (Surr)	*65*		*28 - 118*	*10/01/25 20:32*	*10/02/25 11:01*	*1*
Terphenyl-d14 (Surr)	*75*		*33 - 124*	*10/01/25 20:32*	*10/02/25 11:01*	*1*

Method: SW846 8081B - Organochlorine Pesticides (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
4,4'-DDD	0.0074	U	0.0074	0.0013	mg/Kg	☼	10/01/25 16:50	10/02/25 08:25	1
4,4'-DDE	0.0074	U	0.0074	0.00087	mg/Kg	☼	10/01/25 16:50	10/02/25 08:25	1
4,4'-DDT	0.0074	U	0.0074	0.0014	mg/Kg	☼	10/01/25 16:50	10/02/25 08:25	1
Aldrin	0.0074	U	0.0074	0.0011	mg/Kg	☼	10/01/25 16:50	10/02/25 08:25	1
alpha-BHC	0.0022	U	0.0022	0.00075	mg/Kg	☼	10/01/25 16:50	10/02/25 08:25	1
beta-BHC	0.0022	U	0.0022	0.00083	mg/Kg	☼	10/01/25 16:50	10/02/25 08:25	1
Chlordane (technical)	0.074	U	0.074	0.018	mg/Kg	☼	10/01/25 16:50	10/02/25 08:25	1
cis-Chlordane	0.0074	U	0.0074	0.0012	mg/Kg	☼	10/01/25 16:50	10/02/25 08:25	1
delta-BHC	0.0022	U	0.0022	0.00045	mg/Kg	☼	10/01/25 16:50	10/02/25 08:25	1
Dieldrin	0.0022	U	0.0022	0.00096	mg/Kg	☼	10/01/25 16:50	10/02/25 08:25	1
Endosulfan I	0.0074	U	0.0074	0.0011	mg/Kg	☼	10/01/25 16:50	10/02/25 08:25	1
Endosulfan II	0.0074	U	0.0074	0.0019	mg/Kg	☼	10/01/25 16:50	10/02/25 08:25	1
Endosulfan sulfate	0.0074	U	0.0074	0.00093	mg/Kg	☼	10/01/25 16:50	10/02/25 08:25	1
Endrin	0.0074	U	0.0074	0.0011	mg/Kg	☼	10/01/25 16:50	10/02/25 08:25	1
Endrin aldehyde	0.0074	U	0.0074	0.0017	mg/Kg	☼	10/01/25 16:50	10/02/25 08:25	1
Endrin ketone	0.0074	U	0.0074	0.0014	mg/Kg	☼	10/01/25 16:50	10/02/25 08:25	1
gamma-BHC (Lindane)	0.0022	U	0.0022	0.00068	mg/Kg	☼	10/01/25 16:50	10/02/25 08:25	1
Heptachlor	0.0074	U	0.0074	0.00087	mg/Kg	☼	10/01/25 16:50	10/02/25 08:25	1
Heptachlor epoxide	0.0074	U	0.0074	0.0011	mg/Kg	☼	10/01/25 16:50	10/02/25 08:25	1

Client Sample ID: 56A_0-3
Date Collected: 09/30/25 12:35
Date Received: 09/30/25 16:15

Lab Sample ID: 460-336081-7
Matrix: Solid
Percent Solids: 90.6

Method: SW846 8081B - Organochlorine Pesticides (GC) (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Methoxychlor	0.0074	U	0.0074	0.0017	mg/Kg	☼	10/01/25 16:50	10/02/25 08:25	1
Toxaphene	0.074	U	0.074	0.027	mg/Kg	☼	10/01/25 16:50	10/02/25 08:25	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
DCB Decachlorobiphenyl	*96*		*10 - 150*	*10/01/25 16:50*	*10/02/25 08:25*	*1*
DCB Decachlorobiphenyl	*117*		*10 - 150*	*10/01/25 16:50*	*10/02/25 08:25*	*1*
Tetrachloro-m-xylene	*99*		*14 - 150*	*10/01/25 16:50*	*10/02/25 08:25*	*1*
Tetrachloro-m-xylene	*95*		*14 - 150*	*10/01/25 16:50*	*10/02/25 08:25*	*1*

Method: SW846 8082A - Polychlorinated Biphenyls (PCBs) by Gas Chromatography

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Aroclor 1016	0.074	U	0.074	0.020	mg/Kg	☼	10/01/25 16:38	10/02/25 17:29	1
Aroclor 1221	0.074	U	0.074	0.020	mg/Kg	☼	10/01/25 16:38	10/02/25 17:29	1
Aroclor 1232	0.074	U	0.074	0.020	mg/Kg	☼	10/01/25 16:38	10/02/25 17:29	1
Aroclor 1242	0.074	U	0.074	0.020	mg/Kg	☼	10/01/25 16:38	10/02/25 17:29	1
Aroclor 1248	0.074	U	0.074	0.020	mg/Kg	☼	10/01/25 16:38	10/02/25 17:29	1
Aroclor 1254	0.074	U	0.074	0.020	mg/Kg	☼	10/01/25 16:38	10/02/25 17:29	1
Aroclor 1260	0.074	U	0.074	0.020	mg/Kg	☼	10/01/25 16:38	10/02/25 17:29	1
Aroclor-1262	0.074	U	0.074	0.020	mg/Kg	☼	10/01/25 16:38	10/02/25 17:29	1
Aroclor 1268	0.074	U	0.074	0.020	mg/Kg	☼	10/01/25 16:38	10/02/25 17:29	1
Polychlorinated biphenyls, Total	0.074	U	0.074	0.020	mg/Kg	☼	10/01/25 16:38	10/02/25 17:29	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
DCB Decachlorobiphenyl	*148*		*10 - 150*	*10/01/25 16:38*	*10/02/25 17:29*	*1*
DCB Decachlorobiphenyl	*146*		*10 - 150*	*10/01/25 16:38*	*10/02/25 17:29*	*1*
Tetrachloro-m-xylene	*145*		*10 - 150*	*10/01/25 16:38*	*10/02/25 17:29*	*1*
Tetrachloro-m-xylene	*142*		*10 - 150*	*10/01/25 16:38*	*10/02/25 17:29*	*1*

Method: EPA 1633A - Per- and Polyfluoroalkyl Substances by LC/MS/MS, 1633A

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Perfluorobutanoic acid (PFBA)	0.40	U	0.40	0.099	ug/Kg	☼	10/06/25 07:17	10/07/25 14:32	1
Perfluoropentanoic acid (PFPeA)	0.20	U	0.20	0.099	ug/Kg	☼	10/06/25 07:17	10/07/25 14:32	1
Perfluorohexanoic acid (PFHxA)	0.20	U	0.20	0.099	ug/Kg	☼	10/06/25 07:17	10/07/25 14:32	1
Perfluoroheptanoic acid (PFHpA)	0.20	U	0.20	0.099	ug/Kg	☼	10/06/25 07:17	10/07/25 14:32	1
Perfluorooctanoic acid (PFOA)	**0.17**		0.17	0.17	ug/Kg	☼	10/06/25 07:17	10/07/25 14:32	1
Perfluorononanoic acid (PFNA)	0.20	U	0.20	0.20	ug/Kg	☼	10/06/25 07:17	10/07/25 14:32	1
Perfluorodecanoic acid (PFDA)	**0.12**	**J**	0.20	0.060	ug/Kg	☼	10/06/25 07:17	10/07/25 14:32	1
Perfluoroundecanoic acid (PFUnA)	**0.17**	**J**	0.20	0.099	ug/Kg	☼	10/06/25 07:17	10/07/25 14:32	1
Perfluorododecanoic acid (PFDoA)	0.20	U	0.20	0.099	ug/Kg	☼	10/06/25 07:17	10/07/25 14:32	1
Perfluorotridecanoic acid (PFTrDA)	0.20	U	0.20	0.099	ug/Kg	☼	10/06/25 07:17	10/07/25 14:32	1
Perfluorotetradecanoic acid (PFTeDA)	0.20	U	0.20	0.099	ug/Kg	☼	10/06/25 07:17	10/07/25 14:32	1
Perfluorobutanesulfonic acid (PFBS)	0.20	U	0.20	0.099	ug/Kg	☼	10/06/25 07:17	10/07/25 14:32	1
Perfluoropentanesulfonic acid (PFPeS)	0.20	U	0.20	0.099	ug/Kg	☼	10/06/25 07:17	10/07/25 14:32	1
Perfluorohexanesulfonic acid (PFHxS)	0.20	U	0.20	0.099	ug/Kg	☼	10/06/25 07:17	10/07/25 14:32	1
Perfluoroheptanesulfonic acid (PFHpS)	0.20	U	0.20	0.099	ug/Kg	☼	10/06/25 07:17	10/07/25 14:32	1
Perfluorooctanesulfonic acid (PFOS)	0.20	U	0.20	0.099	ug/Kg	☼	10/06/25 07:17	10/07/25 14:32	1
Perfluorononanesulfonic acid (PFNS)	0.20	U	0.20	0.099	ug/Kg	☼	10/06/25 07:17	10/07/25 14:32	1
Perfluorodecanesulfonic acid (PFDS)	0.20	U	0.20	0.099	ug/Kg	☼	10/06/25 07:17	10/07/25 14:32	1

Client Sample ID: 56A_0-3
Date Collected: 09/30/25 12:35
Date Received: 09/30/25 16:15

Lab Sample ID: 460-336081-7
Matrix: Solid
Percent Solids: 90.6

Method: EPA 1633A - Per- and Polyfluoroalkyl Substances by LC/MS/MS, 1633A (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Perfluorododecanesulfonic acid (PFDoS)	0.20	U	0.20	0.099	ug/Kg	☼	10/06/25 07:17	10/07/25 14:32	1
1H,1H,2H,2H-Perfluorohexane sulfonic acid (4:2 FTS)	0.40	U	0.40	0.20	ug/Kg	☼	10/06/25 07:17	10/07/25 14:32	1
1H,1H,2H,2H-Perfluorooctane sulfonic acid (6:2 FTS)	0.40	U	0.40	0.20	ug/Kg	☼	10/06/25 07:17	10/07/25 14:32	1
1H,1H,2H,2H-Perfluorodecane sulfonic acid (8:2 FTS)	0.40	U	0.40	0.20	ug/Kg	☼	10/06/25 07:17	10/07/25 14:32	1
Perfluorooctanesulfonamide (PFOSA)	0.20	U	0.20	0.099	ug/Kg	☼	10/06/25 07:17	10/07/25 14:32	1
N-methylperfluorooctane sulfonamide (NMeFOSA)	0.20	U	0.20	0.099	ug/Kg	☼	10/06/25 07:17	10/07/25 14:32	1
N-ethylperfluorooctane sulfonamide (NEtFOSA)	0.20	U	0.20	0.099	ug/Kg	☼	10/06/25 07:17	10/07/25 14:32	1
N-methylperfluorooctanesulfonamidoacetic acid (NMeFOSAA)	0.20	U	0.20	0.099	ug/Kg	☼	10/06/25 07:17	10/07/25 14:32	1
N-ethylperfluorooctanesulfonamidoacetic acid (NEtFOSAA)	0.20	U	0.20	0.099	ug/Kg	☼	10/06/25 07:17	10/07/25 14:32	1
N-methylperfluorooctane sulfonamidoethanol (NMeFOSE)	0.99	U	0.99	0.50	ug/Kg	☼	10/06/25 07:17	10/07/25 14:32	1
N-ethylperfluorooctane sulfonamidoethanol (NEtFOSE)	0.99	U	0.99	0.50	ug/Kg	☼	10/06/25 07:17	10/07/25 14:32	1
Hexafluoropropylene Oxide Dimer Acid (HFPO-DA)	0.20	U	0.20	0.099	ug/Kg	☼	10/06/25 07:17	10/07/25 14:32	1
4,8-Dioxa-3H-perfluorononanoic acid (ADONA)	0.20	U	0.20	0.099	ug/Kg	☼	10/06/25 07:17	10/07/25 14:32	1
Perfluoro-3-methoxypropanoic acid (PFMPA)	0.20	U	0.20	0.099	ug/Kg	☼	10/06/25 07:17	10/07/25 14:32	1
Perfluoro-4-methoxybutanoic acid (PFMBA)	0.20	U	0.20	0.099	ug/Kg	☼	10/06/25 07:17	10/07/25 14:32	1
Nonafluoro-3,6-dioxaheptanoic acid (NFDHA)	0.20	U	0.20	0.099	ug/Kg	☼	10/06/25 07:17	10/07/25 14:32	1
9-Chlorohexadecafluoro-3-oxanonane-1-sulfonic acid (9Cl-PF3ONS)	0.20	U	0.20	0.099	ug/Kg	☼	10/06/25 07:17	10/07/25 14:32	1
11-Chloroeicosafluoro-3-oxaundecane-1-sulfonic acid (11Cl-PF3OUdS)	0.20	U	0.20	0.099	ug/Kg	☼	10/06/25 07:17	10/07/25 14:32	1
Perfluoro (2-ethoxyethane) sulfonic acid (PFEESA)	0.20	U	0.20	0.099	ug/Kg	☼	10/06/25 07:17	10/07/25 14:32	1
3-Perfluoropropylpropanoic acid (3:3 FTCA)	0.40	U	0.40	0.20	ug/Kg	☼	10/06/25 07:17	10/07/25 14:32	1
3-Perfluoropentylpropanoic acid (5:3 FTCA)	0.99	U	0.99	0.50	ug/Kg	☼	10/06/25 07:17	10/07/25 14:32	1
3-Perfluoroheptylpropanoic acid (7:3 FTCA)	0.99	U	0.99	0.50	ug/Kg	☼	10/06/25 07:17	10/07/25 14:32	1

Isotope Dilution	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
13C4 PFBA	*91.7*		*8 - 130*	*10/06/25 07:17*	*10/07/25 14:32*	*1*
13C5 PFPeA	*92.9*		*35 - 130*	*10/06/25 07:17*	*10/07/25 14:32*	*1*
13C5 PFHxA	*92.6*		*40 - 130*	*10/06/25 07:17*	*10/07/25 14:32*	*1*
13C4 PFHpA	*95.6*		*40 - 130*	*10/06/25 07:17*	*10/07/25 14:32*	*1*
13C8 PFOA	*89.7*		*40 - 130*	*10/06/25 07:17*	*10/07/25 14:32*	*1*
13C9 PFNA	*90.2*		*40 - 130*	*10/06/25 07:17*	*10/07/25 14:32*	*1*
13C6 PFDA	*92.7*		*40 - 130*	*10/06/25 07:17*	*10/07/25 14:32*	*1*
13C7 PFUnA	*85.1*		*40 - 130*	*10/06/25 07:17*	*10/07/25 14:32*	*1*
13C2 PFTeDA	*77.2*		*20 - 130*	*10/06/25 07:17*	*10/07/25 14:32*	*1*
13C3 PFBS	*86.7*		*40 - 135*	*10/06/25 07:17*	*10/07/25 14:32*	*1*

Client Sample ID: 56A_0-3
Date Collected: 09/30/25 12:35
Date Received: 09/30/25 16:15

Lab Sample ID: 460-336081-7
Matrix: Solid
Percent Solids: 90.6

Method: EPA 1633A - Per- and Polyfluoroalkyl Substances by LC/MS/MS, 1633A (Continued)

Isotope Dilution	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
13C3 PFHxS	83.2		40 - 130	10/06/25 07:17	10/07/25 14:32	1
13C8 PFOS	89.1		40 - 130	10/06/25 07:17	10/07/25 14:32	1
13C8 FOSA	82.2		40 - 130	10/06/25 07:17	10/07/25 14:32	1
d3-NMeFOSAA	84.6		40 - 135	10/06/25 07:17	10/07/25 14:32	1
d5-NEtFOSAA	81.3		40 - 150	10/06/25 07:17	10/07/25 14:32	1
13C2 4:2 FTS	106		40 - 165	10/06/25 07:17	10/07/25 14:32	1
13C2 6:2 FTS	94.4		40 - 215	10/06/25 07:17	10/07/25 14:32	1
13C2 8:2 FTS	83.0		40 - 275	10/06/25 07:17	10/07/25 14:32	1
13C3 HFPO-DA	99.5		40 - 130	10/06/25 07:17	10/07/25 14:32	1
d7-N-MeFOSE-M	68.4		20 - 130	10/06/25 07:17	10/07/25 14:32	1
d9-N-EtFOSE-M	58.9		15 - 130	10/06/25 07:17	10/07/25 14:32	1
d5-NEtPFOSA	74.1		10 - 130	10/06/25 07:17	10/07/25 14:32	1
d3-NMePFOSA	81.5		10 - 130	10/06/25 07:17	10/07/25 14:32	1
13C2 PFDoA	87.3		40 - 130	10/06/25 07:17	10/07/25 14:32	1

Method: SW846 6020B - Metals (ICP/MS)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Aluminum	3710		20.2	5.6	mg/Kg	☼	10/06/25 07:14	10/06/25 19:02	1
Antimony	0.35	J	1.0	0.15	mg/Kg	☼	10/06/25 07:14	10/06/25 19:02	1
Arsenic	6.0		1.0	0.10	mg/Kg	☼	10/06/25 07:14	10/06/25 19:02	1
Barium	22.3		2.0	0.15	mg/Kg	☼	10/06/25 07:14	10/06/25 19:02	1
Beryllium	0.27	J	0.40	0.022	mg/Kg	☼	10/06/25 07:14	10/06/25 19:02	1
Cadmium	1.0	U	1.0	0.11	mg/Kg	☼	10/06/25 07:14	10/06/25 19:02	1
Calcium	730		101	9.9	mg/Kg	☼	10/06/25 07:14	10/06/25 19:02	1
Chromium	8.9		2.0	0.30	mg/Kg	☼	10/06/25 07:14	10/06/25 19:02	1
Cobalt	2.8		1.0	0.15	mg/Kg	☼	10/06/25 07:14	10/06/25 19:02	1
Copper	14.9		2.0	0.37	mg/Kg	☼	10/06/25 07:14	10/06/25 19:02	1
Iron	11600		60.7	7.7	mg/Kg	☼	10/06/25 07:14	10/06/25 19:02	1
Lead	13.5		0.61	0.20	mg/Kg	☼	10/06/25 07:14	10/06/25 19:02	1
Magnesium	782		101	10.3	mg/Kg	☼	10/06/25 07:14	10/06/25 19:02	1
Manganese	72.6		4.0	0.41	mg/Kg	☼	10/06/25 07:14	10/06/25 19:02	1
Nickel	3.7		2.0	0.18	mg/Kg	☼	10/06/25 07:14	10/06/25 19:02	1
Potassium	418		101	16.4	mg/Kg	☼	10/06/25 07:14	10/06/25 19:02	1
Selenium	0.32	J	1.3	0.13	mg/Kg	☼	10/06/25 07:14	10/06/25 19:02	1
Silver	0.40	U	0.40	0.090	mg/Kg	☼	10/06/25 07:14	10/06/25 19:02	1
Sodium	101	U	101	46.3	mg/Kg	☼	10/06/25 07:14	10/06/25 19:02	1
Thallium	0.059	J	0.40	0.042	mg/Kg	☼	10/06/25 07:14	10/06/25 19:02	1
Vanadium	17.3		2.0	0.21	mg/Kg	☼	10/06/25 07:14	10/06/25 19:02	1
Zinc	17.6		8.1	1.1	mg/Kg	☼	10/06/25 07:14	10/06/25 19:02	1

Method: SW846 7471B - Mercury (CVAA)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	0.020		0.018	0.0084	mg/Kg	☼	10/06/25 02:16	10/06/25 12:26	1

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Percent Moisture (EPA Moisture)	9.4		1.0	1.0	%			10/05/25 11:23	1
Percent Solids (EPA Moisture)	90.6		1.0	1.0	%			10/05/25 11:23	1

Client Sample ID: 56A_3-6
Date Collected: 09/30/25 12:40
Date Received: 09/30/25 16:15

Lab Sample ID: 460-336081-8
Matrix: Solid
Percent Solids: 92.4

Method: SW846 8270E - Semivolatile Organic Compounds (GC/MS)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1'-Biphenyl	0.36	U	0.36	0.012	mg/Kg	☼	10/01/25 20:32	10/02/25 11:23	1
1,2,4,5-Tetrachlorobenzene	0.36	U	0.36	0.011	mg/Kg	☼	10/01/25 20:32	10/02/25 11:23	1
1,4-Dioxane	0.036	U	0.036	0.031	mg/Kg	☼	10/01/25 20:32	10/02/25 11:23	1
2,2'-oxybis[1-chloropropane]	0.36	U	0.36	0.021	mg/Kg	☼	10/01/25 20:32	10/02/25 11:23	1
2,3,4,6-Tetrachlorophenol	0.36	U	0.36	0.024	mg/Kg	☼	10/01/25 20:32	10/02/25 11:23	1
2,4,5-Trichlorophenol	0.36	U	0.36	0.036	mg/Kg	☼	10/01/25 20:32	10/02/25 11:23	1
2,4,6-Trichlorophenol	0.14	U	0.14	0.046	mg/Kg	☼	10/01/25 20:32	10/02/25 11:23	1
2,4-Dichlorophenol	0.14	U	0.14	0.023	mg/Kg	☼	10/01/25 20:32	10/02/25 11:23	1
2,4-Dimethylphenol	0.36	U	0.36	0.043	mg/Kg	☼	10/01/25 20:32	10/02/25 11:23	1
2,4-Dinitrophenol	0.29	U	0.29	0.18	mg/Kg	☼	10/01/25 20:32	10/02/25 11:23	1
2,4-Dinitrotoluene	0.072	U	0.072	0.038	mg/Kg	☼	10/01/25 20:32	10/02/25 11:23	1
2,6-Dinitrotoluene	0.072	U	0.072	0.026	mg/Kg	☼	10/01/25 20:32	10/02/25 11:23	1
2-Chloronaphthalene	0.36	U	0.36	0.046	mg/Kg	☼	10/01/25 20:32	10/02/25 11:23	1
2-Chlorophenol	0.36	U	0.36	0.013	mg/Kg	☼	10/01/25 20:32	10/02/25 11:23	1
2-Methylnaphthalene	0.36	U	0.36	0.010	mg/Kg	☼	10/01/25 20:32	10/02/25 11:23	1
2-Methylphenol	0.36	U	0.36	0.013	mg/Kg	☼	10/01/25 20:32	10/02/25 11:23	1
2-Nitroaniline	0.36	U	0.36	0.027	mg/Kg	☼	10/01/25 20:32	10/02/25 11:23	1
2-Nitrophenol	0.36	U	0.36	0.036	mg/Kg	☼	10/01/25 20:32	10/02/25 11:23	1
3 & 4 Methylphenol	0.36	U	0.36	0.022	mg/Kg	☼	10/01/25 20:32	10/02/25 11:23	1
3,3'-Dichlorobenzidine	0.14	U	0.14	0.054	mg/Kg	☼	10/01/25 20:32	10/02/25 11:23	1
3-Nitroaniline	0.36	U	0.36	0.085	mg/Kg	☼	10/01/25 20:32	10/02/25 11:23	1
4,6-Dinitro-2-methylphenol	0.29	U	0.29	0.15	mg/Kg	☼	10/01/25 20:32	10/02/25 11:23	1
4-Bromophenyl phenyl ether	0.36	U	0.36	0.014	mg/Kg	☼	10/01/25 20:32	10/02/25 11:23	1
4-Chloro-3-methylphenol	0.36	U	0.36	0.020	mg/Kg	☼	10/01/25 20:32	10/02/25 11:23	1
4-Chloroaniline	0.36	U	0.36	0.063	mg/Kg	☼	10/01/25 20:32	10/02/25 11:23	1
4-Chlorophenyl phenyl ether	0.36	U	0.36	0.013	mg/Kg	☼	10/01/25 20:32	10/02/25 11:23	1
4-Methylphenol	0.36	U	0.36	0.022	mg/Kg	☼	10/01/25 20:32	10/02/25 11:23	1
4-Nitroaniline	0.36	U	0.36	0.090	mg/Kg	☼	10/01/25 20:32	10/02/25 11:23	1
4-Nitrophenol	0.72	U	0.72	0.058	mg/Kg	☼	10/01/25 20:32	10/02/25 11:23	1
Acenaphthene	0.36	U	0.36	0.010	mg/Kg	☼	10/01/25 20:32	10/02/25 11:23	1
Acenaphthylene	0.36	U	0.36	0.010	mg/Kg	☼	10/01/25 20:32	10/02/25 11:23	1
Acetophenone	0.36	U	0.36	0.017	mg/Kg	☼	10/01/25 20:32	10/02/25 11:23	1
Anthracene	0.36	U	0.36	0.011	mg/Kg	☼	10/01/25 20:32	10/02/25 11:23	1
Atrazine	0.14	U	0.14	0.021	mg/Kg	☼	10/01/25 20:32	10/02/25 11:23	1
Benzaldehyde	0.36	U	0.36	0.059	mg/Kg	☼	10/01/25 20:32	10/02/25 11:23	1
Benzo[a]anthracene	0.036	U	0.036	0.027	mg/Kg	☼	10/01/25 20:32	10/02/25 11:23	1
Benzo[a]pyrene	0.036	U	0.036	0.0095	mg/Kg	☼	10/01/25 20:32	10/02/25 11:23	1
Benzo[b]fluoranthene	0.036	U	0.036	0.0092	mg/Kg	☼	10/01/25 20:32	10/02/25 11:23	1
Benzo[g,h,i]perylene	0.36	U	0.36	0.011	mg/Kg	☼	10/01/25 20:32	10/02/25 11:23	1
Benzo[k]fluoranthene	0.036	U	0.036	0.0070	mg/Kg	☼	10/01/25 20:32	10/02/25 11:23	1
Bis(2-chloroethoxy)methane	0.36	U	0.36	0.066	mg/Kg	☼	10/01/25 20:32	10/02/25 11:23	1
Bis(2-chloroethyl)ether	0.036	U	0.036	0.012	mg/Kg	☼	10/01/25 20:32	10/02/25 11:23	1
Bis(2-ethylhexyl) phthalate	0.36	U	0.36	0.019	mg/Kg	☼	10/01/25 20:32	10/02/25 11:23	1
Butyl benzyl phthalate	0.36	U	0.36	0.017	mg/Kg	☼	10/01/25 20:32	10/02/25 11:23	1
Caprolactam	0.36	U	0.36	0.055	mg/Kg	☼	10/01/25 20:32	10/02/25 11:23	1
Carbazole	0.36	U	0.36	0.014	mg/Kg	☼	10/01/25 20:32	10/02/25 11:23	1
Chrysene	0.36	U	0.36	0.015	mg/Kg	☼	10/01/25 20:32	10/02/25 11:23	1
Dibenz(a,h)anthracene	0.036	U	0.036	0.015	mg/Kg	☼	10/01/25 20:32	10/02/25 11:23	1
Dibenzofuran	0.36	U	0.36	0.012	mg/Kg	☼	10/01/25 20:32	10/02/25 11:23	1

Client Sample ID: 56A_3-6
Date Collected: 09/30/25 12:40
Date Received: 09/30/25 16:15

Lab Sample ID: 460-336081-8
Matrix: Solid
Percent Solids: 92.4

Method: SW846 8270E - Semivolatile Organic Compounds (GC/MS) (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Diethyl phthalate	0.36	U	0.36	0.011	mg/Kg	☼	10/01/25 20:32	10/02/25 11:23	1
Dimethyl phthalate	0.36	U	0.36	0.081	mg/Kg	☼	10/01/25 20:32	10/02/25 11:23	1
Di-n-butyl phthalate	0.36	U	0.36	0.013	mg/Kg	☼	10/01/25 20:32	10/02/25 11:23	1
Di-n-octyl phthalate	0.36	U	0.36	0.019	mg/Kg	☼	10/01/25 20:32	10/02/25 11:23	1
Fluoranthene	0.36	U	0.36	0.012	mg/Kg	☼	10/01/25 20:32	10/02/25 11:23	1
Fluorene	0.36	U	0.36	0.010	mg/Kg	☼	10/01/25 20:32	10/02/25 11:23	1
Hexachlorobenzene	0.036	U	0.036	0.017	mg/Kg	☼	10/01/25 20:32	10/02/25 11:23	1
Hexachlorobutadiene	0.072	U	0.072	0.0076	mg/Kg	☼	10/01/25 20:32	10/02/25 11:23	1
Hexachlorocyclopentadiene	0.36	U	0.36	0.031	mg/Kg	☼	10/01/25 20:32	10/02/25 11:23	1
Hexachloroethane	0.036	U	0.036	0.012	mg/Kg	☼	10/01/25 20:32	10/02/25 11:23	1
Indeno[1,2,3-cd]pyrene	0.036	U	0.036	0.014	mg/Kg	☼	10/01/25 20:32	10/02/25 11:23	1
Isophorone	0.14	U	0.14	0.10	mg/Kg	☼	10/01/25 20:32	10/02/25 11:23	1
Naphthalene	0.36	U	0.36	0.0062	mg/Kg	☼	10/01/25 20:32	10/02/25 11:23	1
Nitrobenzene	0.036	U	0.036	0.020	mg/Kg	☼	10/01/25 20:32	10/02/25 11:23	1
N-Nitrosodi-n-propylamine	0.036	U	0.036	0.026	mg/Kg	☼	10/01/25 20:32	10/02/25 11:23	1
N-Nitrosodiphenylamine	0.36	U	0.36	0.029	mg/Kg	☼	10/01/25 20:32	10/02/25 11:23	1
Pentachlorophenol	0.29	U	0.29	0.073	mg/Kg	☼	10/01/25 20:32	10/02/25 11:23	1
Phenanthrene	0.36	U	0.36	0.015	mg/Kg	☼	10/01/25 20:32	10/02/25 11:23	1
Phenol	0.36	U	0.36	0.013	mg/Kg	☼	10/01/25 20:32	10/02/25 11:23	1
Pyrene	0.36	U	0.36	0.0089	mg/Kg	☼	10/01/25 20:32	10/02/25 11:23	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
2,4,6-Tribromophenol (Surr)	*53*		*18 - 137*	*10/01/25 20:32*	*10/02/25 11:23*	*1*
2-Fluorobiphenyl	*57*		*33 - 117*	*10/01/25 20:32*	*10/02/25 11:23*	*1*
2-Fluorophenol (Surr)	*57*		*24 - 120*	*10/01/25 20:32*	*10/02/25 11:23*	*1*
Nitrobenzene-d5 (Surr)	*59*		*27 - 120*	*10/01/25 20:32*	*10/02/25 11:23*	*1*
Phenol-d5 (Surr)	*57*		*28 - 118*	*10/01/25 20:32*	*10/02/25 11:23*	*1*
Terphenyl-d14 (Surr)	*65*		*33 - 124*	*10/01/25 20:32*	*10/02/25 11:23*	*1*

Method: SW846 8081B - Organochlorine Pesticides (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
4,4'-DDD	0.0073	U	0.0073	0.0012	mg/Kg	☼	10/01/25 16:50	10/02/25 08:37	1
4,4'-DDE	0.0073	U	0.0073	0.00086	mg/Kg	☼	10/01/25 16:50	10/02/25 08:37	1
4,4'-DDT	0.0073	U	0.0073	0.0013	mg/Kg	☼	10/01/25 16:50	10/02/25 08:37	1
Aldrin	0.0073	U	0.0073	0.0011	mg/Kg	☼	10/01/25 16:50	10/02/25 08:37	1
alpha-BHC	0.0022	U	0.0022	0.00074	mg/Kg	☼	10/01/25 16:50	10/02/25 08:37	1
beta-BHC	0.0022	U	0.0022	0.00081	mg/Kg	☼	10/01/25 16:50	10/02/25 08:37	1
Chlordane (technical)	0.073	U	0.073	0.018	mg/Kg	☼	10/01/25 16:50	10/02/25 08:37	1
cis-Chlordane	0.0073	U	0.0073	0.0011	mg/Kg	☼	10/01/25 16:50	10/02/25 08:37	1
delta-BHC	0.0022	U	0.0022	0.00044	mg/Kg	☼	10/01/25 16:50	10/02/25 08:37	1
Dieldrin	0.0022	U	0.0022	0.00094	mg/Kg	☼	10/01/25 16:50	10/02/25 08:37	1
Endosulfan I	0.0073	U	0.0073	0.0011	mg/Kg	☼	10/01/25 16:50	10/02/25 08:37	1
Endosulfan II	0.0073	U	0.0073	0.0019	mg/Kg	☼	10/01/25 16:50	10/02/25 08:37	1
Endosulfan sulfate	0.0073	U	0.0073	0.00091	mg/Kg	☼	10/01/25 16:50	10/02/25 08:37	1
Endrin	0.0073	U	0.0073	0.0010	mg/Kg	☼	10/01/25 16:50	10/02/25 08:37	1
Endrin aldehyde	0.0073	U	0.0073	0.0017	mg/Kg	☼	10/01/25 16:50	10/02/25 08:37	1
Endrin ketone	0.0073	U	0.0073	0.0014	mg/Kg	☼	10/01/25 16:50	10/02/25 08:37	1
gamma-BHC (Lindane)	0.0022	U	0.0022	0.00067	mg/Kg	☼	10/01/25 16:50	10/02/25 08:37	1
Heptachlor	0.0073	U	0.0073	0.00086	mg/Kg	☼	10/01/25 16:50	10/02/25 08:37	1
Heptachlor epoxide	0.0073	U	0.0073	0.0011	mg/Kg	☼	10/01/25 16:50	10/02/25 08:37	1

Client Sample ID: 56A_3-6
Date Collected: 09/30/25 12:40
Date Received: 09/30/25 16:15

Lab Sample ID: 460-336081-8
Matrix: Solid
Percent Solids: 92.4

Method: SW846 8081B - Organochlorine Pesticides (GC) (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Methoxychlor	0.0073	U	0.0073	0.0017	mg/Kg	☼	10/01/25 16:50	10/02/25 08:37	1
Toxaphene	0.073	U	0.073	0.026	mg/Kg	☼	10/01/25 16:50	10/02/25 08:37	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
DCB Decachlorobiphenyl	*90*		*10 - 150*	*10/01/25 16:50*	*10/02/25 08:37*	*1*
DCB Decachlorobiphenyl	*109*		*10 - 150*	*10/01/25 16:50*	*10/02/25 08:37*	*1*
Tetrachloro-m-xylene	*92*		*14 - 150*	*10/01/25 16:50*	*10/02/25 08:37*	*1*
Tetrachloro-m-xylene	*89*		*14 - 150*	*10/01/25 16:50*	*10/02/25 08:37*	*1*

Method: SW846 8082A - Polychlorinated Biphenyls (PCBs) by Gas Chromatography

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Aroclor 1016	0.073	U	0.073	0.019	mg/Kg	☼	10/01/25 16:38	10/02/25 17:45	1
Aroclor 1221	0.073	U	0.073	0.019	mg/Kg	☼	10/01/25 16:38	10/02/25 17:45	1
Aroclor 1232	0.073	U	0.073	0.019	mg/Kg	☼	10/01/25 16:38	10/02/25 17:45	1
Aroclor 1242	0.073	U	0.073	0.019	mg/Kg	☼	10/01/25 16:38	10/02/25 17:45	1
Aroclor 1248	0.073	U	0.073	0.019	mg/Kg	☼	10/01/25 16:38	10/02/25 17:45	1
Aroclor 1254	0.073	U	0.073	0.019	mg/Kg	☼	10/01/25 16:38	10/02/25 17:45	1
Aroclor 1260	0.073	U	0.073	0.019	mg/Kg	☼	10/01/25 16:38	10/02/25 17:45	1
Aroclor-1262	0.073	U	0.073	0.019	mg/Kg	☼	10/01/25 16:38	10/02/25 17:45	1
Aroclor 1268	0.073	U	0.073	0.019	mg/Kg	☼	10/01/25 16:38	10/02/25 17:45	1
Polychlorinated biphenyls, Total	0.073	U	0.073	0.019	mg/Kg	☼	10/01/25 16:38	10/02/25 17:45	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
DCB Decachlorobiphenyl	*148*		*10 - 150*	*10/01/25 16:38*	*10/02/25 17:45*	*1*
DCB Decachlorobiphenyl	*155*	*	*10 - 150*	*10/01/25 16:38*	*10/02/25 17:45*	*1*
Tetrachloro-m-xylene	*141*		*10 - 150*	*10/01/25 16:38*	*10/02/25 17:45*	*1*
Tetrachloro-m-xylene	*153*	*	*10 - 150*	*10/01/25 16:38*	*10/02/25 17:45*	*1*

Method: EPA 1633A - Per- and Polyfluoroalkyl Substances by LC/MS/MS, 1633A

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Perfluorobutanoic acid (PFBA)	0.40	U	0.40	0.10	ug/Kg	☼	10/06/25 07:17	10/07/25 17:55	1
Perfluoropentanoic acid (PFPeA)	0.20	U	0.20	0.10	ug/Kg	☼	10/06/25 07:17	10/07/25 17:55	1
Perfluorohexanoic acid (PFHxA)	0.20	U	0.20	0.10	ug/Kg	☼	10/06/25 07:17	10/07/25 17:55	1
Perfluoroheptanoic acid (PFHpA)	0.20	U	0.20	0.10	ug/Kg	☼	10/06/25 07:17	10/07/25 17:55	1
Perfluorooctanoic acid (PFOA)	**0.15**	**J**	0.20	0.060	ug/Kg	☼	10/06/25 07:17	10/07/25 17:55	1
Perfluorononanoic acid (PFNA)	0.18	U	0.18	0.18	ug/Kg	☼	10/06/25 07:17	10/07/25 17:55	1
Perfluorodecanoic acid (PFDA)	**0.11**	**J**	0.20	0.060	ug/Kg	☼	10/06/25 07:17	10/07/25 17:55	1
Perfluoroundecanoic acid (PFUnA)	**0.15**	**J**	0.20	0.10	ug/Kg	☼	10/06/25 07:17	10/07/25 17:55	1
Perfluorododecanoic acid (PFDoA)	0.20	U	0.20	0.10	ug/Kg	☼	10/06/25 07:17	10/07/25 17:55	1
Perfluorotridecanoic acid (PFTrDA)	0.20	U	0.20	0.10	ug/Kg	☼	10/06/25 07:17	10/07/25 17:55	1
Perfluorotetradecanoic acid (PFTeDA)	0.20	U	0.20	0.10	ug/Kg	☼	10/06/25 07:17	10/07/25 17:55	1
Perfluorobutanesulfonic acid (PFBS)	0.20	U	0.20	0.10	ug/Kg	☼	10/06/25 07:17	10/07/25 17:55	1
Perfluoropentanesulfonic acid (PFPeS)	0.20	U	0.20	0.10	ug/Kg	☼	10/06/25 07:17	10/07/25 17:55	1
Perfluorohexanesulfonic acid (PFHxS)	0.20	U	0.20	0.10	ug/Kg	☼	10/06/25 07:17	10/07/25 17:55	1
Perfluoroheptanesulfonic acid (PFHpS)	0.20	U	0.20	0.10	ug/Kg	☼	10/06/25 07:17	10/07/25 17:55	1
Perfluorooctanesulfonic acid (PFOS)	0.20	U	0.20	0.10	ug/Kg	☼	10/06/25 07:17	10/07/25 17:55	1
Perfluorononanesulfonic acid (PFNS)	0.20	U	0.20	0.10	ug/Kg	☼	10/06/25 07:17	10/07/25 17:55	1
Perfluorodecanesulfonic acid (PFDS)	0.20	U	0.20	0.10	ug/Kg	☼	10/06/25 07:17	10/07/25 17:55	1

Client Sample ID: 56A_3-6
Date Collected: 09/30/25 12:40
Date Received: 09/30/25 16:15

Lab Sample ID: 460-336081-8
Matrix: Solid
Percent Solids: 92.4

Method: EPA 1633A - Per- and Polyfluoroalkyl Substances by LC/MS/MS, 1633A (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Perfluorododecanesulfonic acid (PFDoS)	0.20	U	0.20	0.10	ug/Kg	☼	10/06/25 07:17	10/07/25 17:55	1
1H,1H,2H,2H-Perfluorohexane sulfonic acid (4:2 FTS)	0.40	U	0.40	0.20	ug/Kg	☼	10/06/25 07:17	10/07/25 17:55	1
1H,1H,2H,2H-Perfluorooctane sulfonic acid (6:2 FTS)	0.40	U	0.40	0.20	ug/Kg	☼	10/06/25 07:17	10/07/25 17:55	1
1H,1H,2H,2H-Perfluorodecane sulfonic acid (8:2 FTS)	0.40	U	0.40	0.20	ug/Kg	☼	10/06/25 07:17	10/07/25 17:55	1
Perfluorooctanesulfonamide (PFOSA)	0.20	U	0.20	0.10	ug/Kg	☼	10/06/25 07:17	10/07/25 17:55	1
N-methylperfluorooctane sulfonamide (NMeFOSA)	0.20	U	0.20	0.10	ug/Kg	☼	10/06/25 07:17	10/07/25 17:55	1
N-ethylperfluorooctane sulfonamide (NEtFOSA)	0.20	U	0.20	0.10	ug/Kg	☼	10/06/25 07:17	10/07/25 17:55	1
N-methylperfluorooctanesulfonamidoacetic acid (NMeFOSAA)	0.20	U	0.20	0.10	ug/Kg	☼	10/06/25 07:17	10/07/25 17:55	1
N-ethylperfluorooctanesulfonamidoacetic acid (NEtFOSAA)	0.20	U	0.20	0.10	ug/Kg	☼	10/06/25 07:17	10/07/25 17:55	1
N-methylperfluorooctane sulfonamidoethanol (NMeFOSE)	1.00	U	1.00	0.50	ug/Kg	☼	10/06/25 07:17	10/07/25 17:55	1
N-ethylperfluorooctane sulfonamidoethanol (NEtFOSE)	1.00	U	1.00	0.50	ug/Kg	☼	10/06/25 07:17	10/07/25 17:55	1
Hexafluoropropylene Oxide Dimer Acid (HFPO-DA)	0.20	U	0.20	0.10	ug/Kg	☼	10/06/25 07:17	10/07/25 17:55	1
4,8-Dioxa-3H-perfluorononanoic acid (ADONA)	0.20	U	0.20	0.10	ug/Kg	☼	10/06/25 07:17	10/07/25 17:55	1
Perfluoro-3-methoxypropanoic acid (PFMPA)	0.20	U	0.20	0.10	ug/Kg	☼	10/06/25 07:17	10/07/25 17:55	1
Perfluoro-4-methoxybutanoic acid (PFMBA)	0.20	U	0.20	0.10	ug/Kg	☼	10/06/25 07:17	10/07/25 17:55	1
Nonafluoro-3,6-dioxaheptanoic acid (NFDHA)	0.20	U	0.20	0.10	ug/Kg	☼	10/06/25 07:17	10/07/25 17:55	1
9-Chlorohexadecafluoro-3-oxanonane-1-sulfonic acid (9Cl-PF3ONS)	0.20	U	0.20	0.10	ug/Kg	☼	10/06/25 07:17	10/07/25 17:55	1
11-Chloroeicosafluoro-3-oxaundecane-1-sulfonic acid (11Cl-PF3OUdS)	0.20	U	0.20	0.10	ug/Kg	☼	10/06/25 07:17	10/07/25 17:55	1
Perfluoro (2-ethoxyethane) sulfonic acid (PFEESA)	0.20	U	0.20	0.10	ug/Kg	☼	10/06/25 07:17	10/07/25 17:55	1
3-Perfluoropropylpropanoic acid (3:3 FTCA)	0.40	U	0.40	0.20	ug/Kg	☼	10/06/25 07:17	10/07/25 17:55	1
3-Perfluoropentylpropanoic acid (5:3 FTCA)	1.00	U	1.00	0.50	ug/Kg	☼	10/06/25 07:17	10/07/25 17:55	1
3-Perfluoroheptylpropanoic acid (7:3 FTCA)	1.00	U	1.00	0.50	ug/Kg	☼	10/06/25 07:17	10/07/25 17:55	1

Isotope Dilution	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
13C4 PFBA	*98.5*		*8 - 130*	*10/06/25 07:17*	*10/07/25 17:55*	*1*
13C5 PFPeA	*99.5*		*35 - 130*	*10/06/25 07:17*	*10/07/25 17:55*	*1*
13C5 PFHxA	*97.5*		*40 - 130*	*10/06/25 07:17*	*10/07/25 17:55*	*1*
13C4 PFHpA	*98.9*		*40 - 130*	*10/06/25 07:17*	*10/07/25 17:55*	*1*
13C8 PFOA	*97.9*		*40 - 130*	*10/06/25 07:17*	*10/07/25 17:55*	*1*
13C9 PFNA	*95.7*		*40 - 130*	*10/06/25 07:17*	*10/07/25 17:55*	*1*
13C6 PFDA	*96.4*		*40 - 130*	*10/06/25 07:17*	*10/07/25 17:55*	*1*
13C7 PFUnA	*91.5*		*40 - 130*	*10/06/25 07:17*	*10/07/25 17:55*	*1*
13C2 PFTeDA	*79.4*		*20 - 130*	*10/06/25 07:17*	*10/07/25 17:55*	*1*
13C3 PFBS	*95.1*		*40 - 135*	*10/06/25 07:17*	*10/07/25 17:55*	*1*

Client Sample ID: 56A_3-6

Date Collected: 09/30/25 12:40
Date Received: 09/30/25 16:15

Lab Sample ID: 460-336081-8

Matrix: Solid
Percent Solids: 92.4

Method: EPA 1633A - Per- and Polyfluoroalkyl Substances by LC/MS/MS, 1633A (Continued)

Isotope Dilution	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
13C3 PFHxS	90.6		40 - 130	10/06/25 07:17	10/07/25 17:55	1
13C8 PFOS	96.5		40 - 130	10/06/25 07:17	10/07/25 17:55	1
13C8 FOSA	90.9		40 - 130	10/06/25 07:17	10/07/25 17:55	1
d3-NMeFOSAA	96.6		40 - 135	10/06/25 07:17	10/07/25 17:55	1
d5-NEtFOSAA	90.7		40 - 150	10/06/25 07:17	10/07/25 17:55	1
13C2 4:2 FTS	114		40 - 165	10/06/25 07:17	10/07/25 17:55	1
13C2 6:2 FTS	98.8		40 - 215	10/06/25 07:17	10/07/25 17:55	1
13C2 8:2 FTS	92.6		40 - 275	10/06/25 07:17	10/07/25 17:55	1
13C3 HFPO-DA	97.0		40 - 130	10/06/25 07:17	10/07/25 17:55	1
d7-N-MeFOSE-M	76.6		20 - 130	10/06/25 07:17	10/07/25 17:55	1
d9-N-EtFOSE-M	65.7		15 - 130	10/06/25 07:17	10/07/25 17:55	1
d5-NEtPFOSA	84.3		10 - 130	10/06/25 07:17	10/07/25 17:55	1
d3-NMePFOSA	90.2		10 - 130	10/06/25 07:17	10/07/25 17:55	1
13C2 PFDoA	91.5		40 - 130	10/06/25 07:17	10/07/25 17:55	1

Method: SW846 6020B - Metals (ICP/MS)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Aluminum	4580		19.9	5.5	mg/Kg	☼	10/06/25 07:14	10/06/25 19:05	1
Antimony	0.65	J	0.99	0.15	mg/Kg	☼	10/06/25 07:14	10/06/25 19:05	1
Arsenic	7.7		0.99	0.10	mg/Kg	☼	10/06/25 07:14	10/06/25 19:05	1
Barium	28.3		2.0	0.14	mg/Kg	☼	10/06/25 07:14	10/06/25 19:05	1
Beryllium	0.36	J	0.40	0.022	mg/Kg	☼	10/06/25 07:14	10/06/25 19:05	1
Cadmium	0.99	U	0.99	0.11	mg/Kg	☼	10/06/25 07:14	10/06/25 19:05	1
Calcium	597		99.3	9.7	mg/Kg	☼	10/06/25 07:14	10/06/25 19:05	1
Chromium	12.4		2.0	0.30	mg/Kg	☼	10/06/25 07:14	10/06/25 19:05	1
Cobalt	4.4		0.99	0.15	mg/Kg	☼	10/06/25 07:14	10/06/25 19:05	1
Copper	35.6		2.0	0.37	mg/Kg	☼	10/06/25 07:14	10/06/25 19:05	1
Iron	12800		59.6	7.6	mg/Kg	☼	10/06/25 07:14	10/06/25 19:05	1
Lead	70.8		0.60	0.20	mg/Kg	☼	10/06/25 07:14	10/06/25 19:05	1
Magnesium	749		99.3	10.1	mg/Kg	☼	10/06/25 07:14	10/06/25 19:05	1
Manganese	72.7		4.0	0.40	mg/Kg	☼	10/06/25 07:14	10/06/25 19:05	1
Nickel	12.0		2.0	0.18	mg/Kg	☼	10/06/25 07:14	10/06/25 19:05	1
Potassium	488		99.3	16.1	mg/Kg	☼	10/06/25 07:14	10/06/25 19:05	1
Selenium	0.51	J	1.2	0.13	mg/Kg	☼	10/06/25 07:14	10/06/25 19:05	1
Silver	0.16	J	0.40	0.088	mg/Kg	☼	10/06/25 07:14	10/06/25 19:05	1
Sodium	55.2	J	99.3	45.4	mg/Kg	☼	10/06/25 07:14	10/06/25 19:05	1
Thallium	0.068	J	0.40	0.041	mg/Kg	☼	10/06/25 07:14	10/06/25 19:05	1
Vanadium	23.8		2.0	0.20	mg/Kg	☼	10/06/25 07:14	10/06/25 19:05	1
Zinc	53.5		7.9	1.1	mg/Kg	☼	10/06/25 07:14	10/06/25 19:05	1

Method: SW846 7471B - Mercury (CVAA)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	0.028		0.017	0.0079	mg/Kg	☼	10/06/25 02:16	10/06/25 12:29	1

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Percent Moisture (EPA Moisture)	7.6		1.0	1.0	%			10/05/25 11:23	1
Percent Solids (EPA Moisture)	92.4		1.0	1.0	%			10/05/25 11:23	1

Client Sample ID: 56B_0-3
Date Collected: 09/30/25 12:45
Date Received: 09/30/25 16:15

Lab Sample ID: 460-336081-9
Matrix: Solid
Percent Solids: 89.4

Method: SW846 8270E - Semivolatile Organic Compounds (GC/MS)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1'-Biphenyl	0.37	U	0.37	0.013	mg/Kg	☼	10/01/25 20:32	10/02/25 11:45	1
1,2,4,5-Tetrachlorobenzene	0.37	U	0.37	0.011	mg/Kg	☼	10/01/25 20:32	10/02/25 11:45	1
1,4-Dioxane	0.037	U	0.037	0.032	mg/Kg	☼	10/01/25 20:32	10/02/25 11:45	1
2,2'-oxybis[1-chloropropane]	0.37	U	0.37	0.022	mg/Kg	☼	10/01/25 20:32	10/02/25 11:45	1
2,3,4,6-Tetrachlorophenol	0.37	U	0.37	0.025	mg/Kg	☼	10/01/25 20:32	10/02/25 11:45	1
2,4,5-Trichlorophenol	0.37	U	0.37	0.038	mg/Kg	☼	10/01/25 20:32	10/02/25 11:45	1
2,4,6-Trichlorophenol	0.15	U	0.15	0.047	mg/Kg	☼	10/01/25 20:32	10/02/25 11:45	1
2,4-Dichlorophenol	0.15	U	0.15	0.024	mg/Kg	☼	10/01/25 20:32	10/02/25 11:45	1
2,4-Dimethylphenol	0.37	U	0.37	0.044	mg/Kg	☼	10/01/25 20:32	10/02/25 11:45	1
2,4-Dinitrophenol	0.30	U	0.30	0.18	mg/Kg	☼	10/01/25 20:32	10/02/25 11:45	1
2,4-Dinitrotoluene	0.075	U	0.075	0.040	mg/Kg	☼	10/01/25 20:32	10/02/25 11:45	1
2,6-Dinitrotoluene	0.075	U	0.075	0.027	mg/Kg	☼	10/01/25 20:32	10/02/25 11:45	1
2-Chloronaphthalene	0.37	U	0.37	0.047	mg/Kg	☼	10/01/25 20:32	10/02/25 11:45	1
2-Chlorophenol	0.37	U	0.37	0.013	mg/Kg	☼	10/01/25 20:32	10/02/25 11:45	1
2-Methylnaphthalene	0.37	U	0.37	0.010	mg/Kg	☼	10/01/25 20:32	10/02/25 11:45	1
2-Methylphenol	0.37	U	0.37	0.014	mg/Kg	☼	10/01/25 20:32	10/02/25 11:45	1
2-Nitroaniline	0.37	U	0.37	0.028	mg/Kg	☼	10/01/25 20:32	10/02/25 11:45	1
2-Nitrophenol	0.37	U	0.37	0.037	mg/Kg	☼	10/01/25 20:32	10/02/25 11:45	1
3 & 4 Methylphenol	0.37	U	0.37	0.023	mg/Kg	☼	10/01/25 20:32	10/02/25 11:45	1
3,3'-Dichlorobenzidine	0.15	U	0.15	0.056	mg/Kg	☼	10/01/25 20:32	10/02/25 11:45	1
3-Nitroaniline	0.37	U	0.37	0.088	mg/Kg	☼	10/01/25 20:32	10/02/25 11:45	1
4,6-Dinitro-2-methylphenol	0.30	U	0.30	0.15	mg/Kg	☼	10/01/25 20:32	10/02/25 11:45	1
4-Bromophenyl phenyl ether	0.37	U	0.37	0.015	mg/Kg	☼	10/01/25 20:32	10/02/25 11:45	1
4-Chloro-3-methylphenol	0.37	U	0.37	0.021	mg/Kg	☼	10/01/25 20:32	10/02/25 11:45	1
4-Chloroaniline	0.37	U	0.37	0.065	mg/Kg	☼	10/01/25 20:32	10/02/25 11:45	1
4-Chlorophenyl phenyl ether	0.37	U	0.37	0.013	mg/Kg	☼	10/01/25 20:32	10/02/25 11:45	1
4-Methylphenol	0.37	U	0.37	0.023	mg/Kg	☼	10/01/25 20:32	10/02/25 11:45	1
4-Nitroaniline	0.37	U	0.37	0.094	mg/Kg	☼	10/01/25 20:32	10/02/25 11:45	1
4-Nitrophenol	0.75	U	0.75	0.060	mg/Kg	☼	10/01/25 20:32	10/02/25 11:45	1
Acenaphthene	0.37	U	0.37	0.011	mg/Kg	☼	10/01/25 20:32	10/02/25 11:45	1
Acenaphthylene	0.37	U	0.37	0.011	mg/Kg	☼	10/01/25 20:32	10/02/25 11:45	1
Acetophenone	0.37	U	0.37	0.018	mg/Kg	☼	10/01/25 20:32	10/02/25 11:45	1
Anthracene	0.37	U	0.37	0.011	mg/Kg	☼	10/01/25 20:32	10/02/25 11:45	1
Atrazine	0.15	U	0.15	0.022	mg/Kg	☼	10/01/25 20:32	10/02/25 11:45	1
Benzaldehyde	0.37	U	0.37	0.061	mg/Kg	☼	10/01/25 20:32	10/02/25 11:45	1
Benzo[a]anthracene	0.037	U	0.037	0.028	mg/Kg	☼	10/01/25 20:32	10/02/25 11:45	1
Benzo[a]pyrene	0.037	U	0.037	0.0098	mg/Kg	☼	10/01/25 20:32	10/02/25 11:45	1
Benzo[b]fluoranthene	0.037	U	0.037	0.0095	mg/Kg	☼	10/01/25 20:32	10/02/25 11:45	1
Benzo[g,h,i]perylene	0.37	U	0.37	0.011	mg/Kg	☼	10/01/25 20:32	10/02/25 11:45	1
Benzo[k]fluoranthene	0.037	U	0.037	0.0072	mg/Kg	☼	10/01/25 20:32	10/02/25 11:45	1
Bis(2-chloroethoxy)methane	0.37	U	0.37	0.068	mg/Kg	☼	10/01/25 20:32	10/02/25 11:45	1
Bis(2-chloroethyl)ether	0.037	U	0.037	0.013	mg/Kg	☼	10/01/25 20:32	10/02/25 11:45	1
Bis(2-ethylhexyl) phthalate	0.37	U	0.37	0.020	mg/Kg	☼	10/01/25 20:32	10/02/25 11:45	1
Butyl benzyl phthalate	0.37	U	0.37	0.017	mg/Kg	☼	10/01/25 20:32	10/02/25 11:45	1
Caprolactam	0.37	U	0.37	0.057	mg/Kg	☼	10/01/25 20:32	10/02/25 11:45	1
Carbazole	0.37	U	0.37	0.014	mg/Kg	☼	10/01/25 20:32	10/02/25 11:45	1
Chrysene	0.37	U	0.37	0.016	mg/Kg	☼	10/01/25 20:32	10/02/25 11:45	1
Dibenz(a,h)anthracene	0.037	U	0.037	0.016	mg/Kg	☼	10/01/25 20:32	10/02/25 11:45	1
Dibenzofuran	0.37	U	0.37	0.012	mg/Kg	☼	10/01/25 20:32	10/02/25 11:45	1

Client Sample ID: 56B_0-3
Date Collected: 09/30/25 12:45
Date Received: 09/30/25 16:15

Lab Sample ID: 460-336081-9
Matrix: Solid
Percent Solids: 89.4

Method: SW846 8270E - Semivolatile Organic Compounds (GC/MS) (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Diethyl phthalate	0.37	U	0.37	0.012	mg/Kg	☼	10/01/25 20:32	10/02/25 11:45	1
Dimethyl phthalate	0.37	U	0.37	0.084	mg/Kg	☼	10/01/25 20:32	10/02/25 11:45	1
Di-n-butyl phthalate	0.37	U	0.37	0.014	mg/Kg	☼	10/01/25 20:32	10/02/25 11:45	1
Di-n-octyl phthalate	0.37	U	0.37	0.020	mg/Kg	☼	10/01/25 20:32	10/02/25 11:45	1
Fluoranthene	0.37	U	0.37	0.013	mg/Kg	☼	10/01/25 20:32	10/02/25 11:45	1
Fluorene	0.37	U	0.37	0.011	mg/Kg	☼	10/01/25 20:32	10/02/25 11:45	1
Hexachlorobenzene	0.037	U	0.037	0.018	mg/Kg	☼	10/01/25 20:32	10/02/25 11:45	1
Hexachlorobutadiene	0.075	U	0.075	0.0079	mg/Kg	☼	10/01/25 20:32	10/02/25 11:45	1
Hexachlorocyclopentadiene	0.37	U	0.37	0.032	mg/Kg	☼	10/01/25 20:32	10/02/25 11:45	1
Hexachloroethane	0.037	U	0.037	0.013	mg/Kg	☼	10/01/25 20:32	10/02/25 11:45	1
Indeno[1,2,3-cd]pyrene	0.037	U	0.037	0.014	mg/Kg	☼	10/01/25 20:32	10/02/25 11:45	1
Isophorone	0.15	U	0.15	0.11	mg/Kg	☼	10/01/25 20:32	10/02/25 11:45	1
Naphthalene	0.37	U	0.37	0.0064	mg/Kg	☼	10/01/25 20:32	10/02/25 11:45	1
Nitrobenzene	0.037	U	0.037	0.020	mg/Kg	☼	10/01/25 20:32	10/02/25 11:45	1
N-Nitrosodi-n-propylamine	0.037	U	0.037	0.027	mg/Kg	☼	10/01/25 20:32	10/02/25 11:45	1
N-Nitrosodiphenylamine	0.37	U	0.37	0.030	mg/Kg	☼	10/01/25 20:32	10/02/25 11:45	1
Pentachlorophenol	0.30	U	0.30	0.076	mg/Kg	☼	10/01/25 20:32	10/02/25 11:45	1
Phenanthrene	0.37	U	0.37	0.015	mg/Kg	☼	10/01/25 20:32	10/02/25 11:45	1
Phenol	0.37	U	0.37	0.014	mg/Kg	☼	10/01/25 20:32	10/02/25 11:45	1
Pyrene	0.37	U	0.37	0.0092	mg/Kg	☼	10/01/25 20:32	10/02/25 11:45	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
2,4,6-Tribromophenol (Surr)	*58*		*18 - 137*	*10/01/25 20:32*	*10/02/25 11:45*	*1*
2-Fluorobiphenyl	*62*		*33 - 117*	*10/01/25 20:32*	*10/02/25 11:45*	*1*
2-Fluorophenol (Surr)	*61*		*24 - 120*	*10/01/25 20:32*	*10/02/25 11:45*	*1*
Nitrobenzene-d5 (Surr)	*62*		*27 - 120*	*10/01/25 20:32*	*10/02/25 11:45*	*1*
Phenol-d5 (Surr)	*60*		*28 - 118*	*10/01/25 20:32*	*10/02/25 11:45*	*1*
Terphenyl-d14 (Surr)	*71*		*33 - 124*	*10/01/25 20:32*	*10/02/25 11:45*	*1*

Method: SW846 8081B - Organochlorine Pesticides (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
4,4'-DDD	0.0075	U	0.0075	0.0013	mg/Kg	☼	10/01/25 16:50	10/02/25 08:50	1
4,4'-DDE	0.0075	U	0.0075	0.00088	mg/Kg	☼	10/01/25 16:50	10/02/25 08:50	1
4,4'-DDT	0.0075	U	0.0075	0.0014	mg/Kg	☼	10/01/25 16:50	10/02/25 08:50	1
Aldrin	0.0075	U	0.0075	0.0011	mg/Kg	☼	10/01/25 16:50	10/02/25 08:50	1
alpha-BHC	0.0022	U	0.0022	0.00076	mg/Kg	☼	10/01/25 16:50	10/02/25 08:50	1
beta-BHC	0.0022	U	0.0022	0.00084	mg/Kg	☼	10/01/25 16:50	10/02/25 08:50	1
Chlordane (technical)	0.075	U	0.075	0.018	mg/Kg	☼	10/01/25 16:50	10/02/25 08:50	1
cis-Chlordane	0.0075	U	0.0075	0.0012	mg/Kg	☼	10/01/25 16:50	10/02/25 08:50	1
delta-BHC	0.0022	U	0.0022	0.00046	mg/Kg	☼	10/01/25 16:50	10/02/25 08:50	1
Dieldrin	0.0022	U	0.0022	0.00097	mg/Kg	☼	10/01/25 16:50	10/02/25 08:50	1
Endosulfan I	0.0075	U	0.0075	0.0011	mg/Kg	☼	10/01/25 16:50	10/02/25 08:50	1
Endosulfan II	0.0075	U	0.0075	0.0019	mg/Kg	☼	10/01/25 16:50	10/02/25 08:50	1
Endosulfan sulfate	0.0075	U	0.0075	0.00094	mg/Kg	☼	10/01/25 16:50	10/02/25 08:50	1
Endrin	0.0075	U	0.0075	0.0011	mg/Kg	☼	10/01/25 16:50	10/02/25 08:50	1
Endrin aldehyde	0.0075	U	0.0075	0.0018	mg/Kg	☼	10/01/25 16:50	10/02/25 08:50	1
Endrin ketone	0.0075	U	0.0075	0.0015	mg/Kg	☼	10/01/25 16:50	10/02/25 08:50	1
gamma-BHC (Lindane)	0.0022	U	0.0022	0.00069	mg/Kg	☼	10/01/25 16:50	10/02/25 08:50	1
Heptachlor	0.0075	U	0.0075	0.00088	mg/Kg	☼	10/01/25 16:50	10/02/25 08:50	1
Heptachlor epoxide	0.0075	U	0.0075	0.0011	mg/Kg	☼	10/01/25 16:50	10/02/25 08:50	1

Client Sample ID: 56B_0-3
Date Collected: 09/30/25 12:45
Date Received: 09/30/25 16:15

Lab Sample ID: 460-336081-9
Matrix: Solid
Percent Solids: 89.4

Method: SW846 8081B - Organochlorine Pesticides (GC) (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Methoxychlor	0.0075	U	0.0075	0.0017	mg/Kg	☼	10/01/25 16:50	10/02/25 08:50	1
Toxaphene	0.075	U	0.075	0.027	mg/Kg	☼	10/01/25 16:50	10/02/25 08:50	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
DCB Decachlorobiphenyl	*98*		*10 - 150*	*10/01/25 16:50*	*10/02/25 08:50*	*1*
DCB Decachlorobiphenyl	*118*		*10 - 150*	*10/01/25 16:50*	*10/02/25 08:50*	*1*
Tetrachloro-m-xylene	*102*		*14 - 150*	*10/01/25 16:50*	*10/02/25 08:50*	*1*
Tetrachloro-m-xylene	*99*		*14 - 150*	*10/01/25 16:50*	*10/02/25 08:50*	*1*

Method: SW846 8082A - Polychlorinated Biphenyls (PCBs) by Gas Chromatography

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Aroclor 1016	0.075	U	0.075	0.020	mg/Kg	☼	10/01/25 16:38	10/02/25 18:02	1
Aroclor 1221	0.075	U	0.075	0.020	mg/Kg	☼	10/01/25 16:38	10/02/25 18:02	1
Aroclor 1232	0.075	U	0.075	0.020	mg/Kg	☼	10/01/25 16:38	10/02/25 18:02	1
Aroclor 1242	0.075	U	0.075	0.020	mg/Kg	☼	10/01/25 16:38	10/02/25 18:02	1
Aroclor 1248	0.075	U	0.075	0.020	mg/Kg	☼	10/01/25 16:38	10/02/25 18:02	1
Aroclor 1254	0.075	U	0.075	0.020	mg/Kg	☼	10/01/25 16:38	10/02/25 18:02	1
Aroclor 1260	0.075	U	0.075	0.020	mg/Kg	☼	10/01/25 16:38	10/02/25 18:02	1
Aroclor-1262	0.075	U	0.075	0.020	mg/Kg	☼	10/01/25 16:38	10/02/25 18:02	1
Aroclor 1268	0.075	U	0.075	0.020	mg/Kg	☼	10/01/25 16:38	10/02/25 18:02	1
Polychlorinated biphenyls, Total	0.075	U	0.075	0.020	mg/Kg	☼	10/01/25 16:38	10/02/25 18:02	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
DCB Decachlorobiphenyl	*176*	*	*10 - 150*	*10/01/25 16:38*	*10/02/25 18:02*	*1*
DCB Decachlorobiphenyl	*184*	*	*10 - 150*	*10/01/25 16:38*	*10/02/25 18:02*	*1*
Tetrachloro-m-xylene	*170*	*	*10 - 150*	*10/01/25 16:38*	*10/02/25 18:02*	*1*
Tetrachloro-m-xylene	*181*	*	*10 - 150*	*10/01/25 16:38*	*10/02/25 18:02*	*1*

Method: EPA 1633A - Per- and Polyfluoroalkyl Substances by LC/MS/MS, 1633A

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Perfluorobutanoic acid (PFBA)	0.39	U	0.39	0.099	ug/Kg	☼	10/06/25 07:17	10/07/25 18:09	1
Perfluoropentanoic acid (PFPeA)	0.20	U	0.20	0.099	ug/Kg	☼	10/06/25 07:17	10/07/25 18:09	1
Perfluorohexanoic acid (PFHxA)	0.20	U	0.20	0.099	ug/Kg	☼	10/06/25 07:17	10/07/25 18:09	1
Perfluoroheptanoic acid (PFHpA)	0.20	U	0.20	0.099	ug/Kg	☼	10/06/25 07:17	10/07/25 18:09	1
Perfluorooctanoic acid (PFOA)	**0.14**	**J**	0.20	0.059	ug/Kg	☼	10/06/25 07:17	10/07/25 18:09	1
Perfluorononanoic acid (PFNA)	**0.14**	**J**	0.20	0.099	ug/Kg	☼	10/06/25 07:17	10/07/25 18:09	1
Perfluorodecanoic acid (PFDA)	**0.12**	**J**	0.20	0.059	ug/Kg	☼	10/06/25 07:17	10/07/25 18:09	1
Perfluoroundecanoic acid (PFUnA)	**0.42**		0.20	0.099	ug/Kg	☼	10/06/25 07:17	10/07/25 18:09	1
Perfluorododecanoic acid (PFDoA)	**0.19**	**J**	0.20	0.099	ug/Kg	☼	10/06/25 07:17	10/07/25 18:09	1
Perfluorotridecanoic acid (PFTrDA)	**0.38**		0.20	0.099	ug/Kg	☼	10/06/25 07:17	10/07/25 18:09	1
Perfluorotetradecanoic acid (PFTeDA)	0.20	U	0.20	0.099	ug/Kg	☼	10/06/25 07:17	10/07/25 18:09	1
Perfluorobutanesulfonic acid (PFBS)	0.20	U	0.20	0.099	ug/Kg	☼	10/06/25 07:17	10/07/25 18:09	1
Perfluoropentanesulfonic acid (PFPeS)	0.20	U	0.20	0.099	ug/Kg	☼	10/06/25 07:17	10/07/25 18:09	1
Perfluorohexanesulfonic acid (PFHxS)	0.20	U	0.20	0.099	ug/Kg	☼	10/06/25 07:17	10/07/25 18:09	1
Perfluoroheptanesulfonic acid (PFHpS)	0.20	U	0.20	0.099	ug/Kg	☼	10/06/25 07:17	10/07/25 18:09	1
Perfluorooctanesulfonic acid (PFOS)	0.20	U	0.20	0.099	ug/Kg	☼	10/06/25 07:17	10/07/25 18:09	1
Perfluorononanesulfonic acid (PFNS)	0.20	U	0.20	0.099	ug/Kg	☼	10/06/25 07:17	10/07/25 18:09	1

Client Sample ID: 56B_0-3
Date Collected: 09/30/25 12:45
Date Received: 09/30/25 16:15

Lab Sample ID: 460-336081-9
Matrix: Solid
Percent Solids: 89.4

Method: EPA 1633A - Per- and Polyfluoroalkyl Substances by LC/MS/MS, 1633A (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Perfluorodecanesulfonic acid (PFDS)	0.20	U	0.20	0.099	ug/Kg	☼	10/06/25 07:17	10/07/25 18:09	1
Perfluorododecanesulfonic acid (PFDoS)	0.20	U	0.20	0.099	ug/Kg	☼	10/06/25 07:17	10/07/25 18:09	1
1H,1H,2H,2H-Perfluorohexane sulfonic acid (4:2 FTS)	0.39	U	0.39	0.20	ug/Kg	☼	10/06/25 07:17	10/07/25 18:09	1
1H,1H,2H,2H-Perfluorooctane sulfonic acid (6:2 FTS)	0.39	U	0.39	0.20	ug/Kg	☼	10/06/25 07:17	10/07/25 18:09	1
1H,1H,2H,2H-Perfluorodecane sulfonic acid (8:2 FTS)	**0.55**		0.39	0.20	ug/Kg	☼	10/06/25 07:17	10/07/25 18:09	1
Perfluorooctanesulfonamide (PFOSA)	0.20	U	0.20	0.099	ug/Kg	☼	10/06/25 07:17	10/07/25 18:09	1
N-methylperfluorooctane sulfonamide (NMeFOSA)	0.20	U	0.20	0.099	ug/Kg	☼	10/06/25 07:17	10/07/25 18:09	1
N-ethylperfluorooctane sulfonamide (NEtFOSA)	0.20	U	0.20	0.099	ug/Kg	☼	10/06/25 07:17	10/07/25 18:09	1
N-methylperfluorooctanesulfonamidoacetic acid (NMeFOSAA)	0.20	U	0.20	0.099	ug/Kg	☼	10/06/25 07:17	10/07/25 18:09	1
N-ethylperfluorooctanesulfonamidoacetic acid (NEtFOSAA)	0.20	U	0.20	0.099	ug/Kg	☼	10/06/25 07:17	10/07/25 18:09	1
N-methylperfluorooctane sulfonamidoethanol (NMeFOSE)	0.99	U	0.99	0.49	ug/Kg	☼	10/06/25 07:17	10/07/25 18:09	1
N-ethylperfluorooctane sulfonamidoethanol (NEtFOSE)	0.99	U	0.99	0.49	ug/Kg	☼	10/06/25 07:17	10/07/25 18:09	1
Hexafluoropropylene Oxide Dimer Acid (HFPO-DA)	0.20	U	0.20	0.099	ug/Kg	☼	10/06/25 07:17	10/07/25 18:09	1
4,8-Dioxa-3H-perfluorononanoic acid (ADONA)	0.20	U	0.20	0.099	ug/Kg	☼	10/06/25 07:17	10/07/25 18:09	1
Perfluoro-3-methoxypropanoic acid (PFMPA)	0.20	U	0.20	0.099	ug/Kg	☼	10/06/25 07:17	10/07/25 18:09	1
Perfluoro-4-methoxybutanoic acid (PFMBA)	0.20	U	0.20	0.099	ug/Kg	☼	10/06/25 07:17	10/07/25 18:09	1
Nonafluoro-3,6-dioxaheptanoic acid (NFDHA)	0.20	U	0.20	0.099	ug/Kg	☼	10/06/25 07:17	10/07/25 18:09	1
9-Chlorohexadecafluoro-3-oxanonane-1-sulfonic acid (9Cl-PF3ONS)	0.20	U	0.20	0.099	ug/Kg	☼	10/06/25 07:17	10/07/25 18:09	1
11-Chloroeicosafluoro-3-oxaundecane-1-sulfonic acid (11Cl-PF3OUdS)	0.20	U	0.20	0.099	ug/Kg	☼	10/06/25 07:17	10/07/25 18:09	1
Perfluoro (2-ethoxyethane) sulfonic acid (PFEESA)	0.20	U	0.20	0.099	ug/Kg	☼	10/06/25 07:17	10/07/25 18:09	1
3-Perfluoropropylpropanoic acid (3:3 FTCA)	0.39	U	0.39	0.20	ug/Kg	☼	10/06/25 07:17	10/07/25 18:09	1
3-Perfluoropentylpropanoic acid (5:3 FTCA)	0.99	U	0.99	0.49	ug/Kg	☼	10/06/25 07:17	10/07/25 18:09	1
3-Perfluoroheptylpropanoic acid (7:3 FTCA)	0.99	U	0.99	0.49	ug/Kg	☼	10/06/25 07:17	10/07/25 18:09	1

Isotope Dilution	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
13C4 PFBA	*95.9*		*8 - 130*	*10/06/25 07:17*	*10/07/25 18:09*	*1*
13C5 PFPeA	*95.4*		*35 - 130*	*10/06/25 07:17*	*10/07/25 18:09*	*1*
13C5 PFHxA	*94.6*		*40 - 130*	*10/06/25 07:17*	*10/07/25 18:09*	*1*
13C4 PFHpA	*98.2*		*40 - 130*	*10/06/25 07:17*	*10/07/25 18:09*	*1*
13C8 PFOA	*91.2*		*40 - 130*	*10/06/25 07:17*	*10/07/25 18:09*	*1*
13C9 PFNA	*92.1*		*40 - 130*	*10/06/25 07:17*	*10/07/25 18:09*	*1*
13C6 PFDA	*86.7*		*40 - 130*	*10/06/25 07:17*	*10/07/25 18:09*	*1*
13C7 PFUnA	*78.1*		*40 - 130*	*10/06/25 07:17*	*10/07/25 18:09*	*1*
13C2 PFTeDA	*52.4*		*20 - 130*	*10/06/25 07:17*	*10/07/25 18:09*	*1*

Client Sample ID: 56B_0-3

Date Collected: 09/30/25 12:45
Date Received: 09/30/25 16:15

Lab Sample ID: 460-336081-9

Matrix: Solid
Percent Solids: 89.4

Method: EPA 1633A - Per- and Polyfluoroalkyl Substances by LC/MS/MS, 1633A (Continued)

Isotope Dilution	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
13C3 PFBS	93.7		40 - 135	10/06/25 07:17	10/07/25 18:09	1
13C3 PFHxS	87.9		40 - 130	10/06/25 07:17	10/07/25 18:09	1
13C8 PFOS	90.6		40 - 130	10/06/25 07:17	10/07/25 18:09	1
13C8 FOSA	80.8		40 - 130	10/06/25 07:17	10/07/25 18:09	1
d3-NMeFOSAA	78.0		40 - 135	10/06/25 07:17	10/07/25 18:09	1
d5-NEtFOSAA	70.2		40 - 150	10/06/25 07:17	10/07/25 18:09	1
13C2 4:2 FTS	115		40 - 165	10/06/25 07:17	10/07/25 18:09	1
13C2 6:2 FTS	98.1		40 - 215	10/06/25 07:17	10/07/25 18:09	1
13C2 8:2 FTS	89.2		40 - 275	10/06/25 07:17	10/07/25 18:09	1
13C3 HFPO-DA	92.3		40 - 130	10/06/25 07:17	10/07/25 18:09	1
d7-N-MeFOSE-M	70.7		20 - 130	10/06/25 07:17	10/07/25 18:09	1
d9-N-EtFOSE-M	61.1		15 - 130	10/06/25 07:17	10/07/25 18:09	1
d5-NEtPFOSA	70.0		10 - 130	10/06/25 07:17	10/07/25 18:09	1
d3-NMePFOSA	74.9		10 - 130	10/06/25 07:17	10/07/25 18:09	1
13C2 PFDoA	77.9		40 - 130	10/06/25 07:17	10/07/25 18:09	1

Method: SW846 6020B - Metals (ICP/MS)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Aluminum	10200		20.3	5.6	mg/Kg	☼	10/06/25 07:14	10/06/25 19:08	1
Antimony	0.15	J	1.0	0.15	mg/Kg	☼	10/06/25 07:14	10/06/25 19:08	1
Arsenic	7.0		1.0	0.10	mg/Kg	☼	10/06/25 07:14	10/06/25 19:08	1
Barium	47.1		2.0	0.15	mg/Kg	☼	10/06/25 07:14	10/06/25 19:08	1
Beryllium	0.69		0.41	0.022	mg/Kg	☼	10/06/25 07:14	10/06/25 19:08	1
Cadmium	1.0	U	1.0	0.11	mg/Kg	☼	10/06/25 07:14	10/06/25 19:08	1
Calcium	682		102	9.9	mg/Kg	☼	10/06/25 07:14	10/06/25 19:08	1
Chromium	108		2.0	0.30	mg/Kg	☼	10/06/25 07:14	10/06/25 19:08	1
Cobalt	47.5		1.0	0.15	mg/Kg	☼	10/06/25 07:14	10/06/25 19:08	1
Copper	20.9		2.0	0.37	mg/Kg	☼	10/06/25 07:14	10/06/25 19:08	1
Iron	29300		61.0	7.8	mg/Kg	☼	10/06/25 07:14	10/06/25 19:08	1
Lead	20.0		0.61	0.20	mg/Kg	☼	10/06/25 07:14	10/06/25 19:08	1
Magnesium	3130		102	10.4	mg/Kg	☼	10/06/25 07:14	10/06/25 19:08	1
Manganese	487		4.1	0.41	mg/Kg	☼	10/06/25 07:14	10/06/25 19:08	1
Nickel	348		2.0	0.18	mg/Kg	☼	10/06/25 07:14	10/06/25 19:08	1
Potassium	891		102	16.5	mg/Kg	☼	10/06/25 07:14	10/06/25 19:08	1
Selenium	0.28	J	1.3	0.13	mg/Kg	☼	10/06/25 07:14	10/06/25 19:08	1
Silver	0.41	U	0.41	0.090	mg/Kg	☼	10/06/25 07:14	10/06/25 19:08	1
Sodium	61.4	J	102	46.5	mg/Kg	☼	10/06/25 07:14	10/06/25 19:08	1
Thallium	0.11	J	0.41	0.042	mg/Kg	☼	10/06/25 07:14	10/06/25 19:08	1
Vanadium	26.0		2.0	0.21	mg/Kg	☼	10/06/25 07:14	10/06/25 19:08	1
Zinc	48.7		8.1	1.1	mg/Kg	☼	10/06/25 07:14	10/06/25 19:08	1

Method: SW846 7471B - Mercury (CVAA)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	0.017	J	0.018	0.0085	mg/Kg	☼	10/06/25 02:16	10/06/25 12:32	1

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Percent Moisture (EPA Moisture)	10.6		1.0	1.0	%			10/05/25 11:23	1
Percent Solids (EPA Moisture)	89.4		1.0	1.0	%			10/05/25 11:23	1

Client Sample ID: 56B_3-6
Date Collected: 09/30/25 12:50
Date Received: 09/30/25 16:15

Lab Sample ID: 460-336081-10
Matrix: Solid
Percent Solids: 95.7

Method: SW846 8270E - Semivolatile Organic Compounds (GC/MS)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1'-Biphenyl	0.34	U	0.34	0.012	mg/Kg	☼	10/01/25 20:32	10/02/25 12:08	1
1,2,4,5-Tetrachlorobenzene	0.34	U	0.34	0.011	mg/Kg	☼	10/01/25 20:32	10/02/25 12:08	1
1,4-Dioxane	0.034	U	0.034	0.030	mg/Kg	☼	10/01/25 20:32	10/02/25 12:08	1
2,2'-oxybis[1-chloropropane]	0.34	U	0.34	0.021	mg/Kg	☼	10/01/25 20:32	10/02/25 12:08	1
2,3,4,6-Tetrachlorophenol	0.34	U	0.34	0.023	mg/Kg	☼	10/01/25 20:32	10/02/25 12:08	1
2,4,5-Trichlorophenol	0.34	U	0.34	0.035	mg/Kg	☼	10/01/25 20:32	10/02/25 12:08	1
2,4,6-Trichlorophenol	0.14	U	0.14	0.044	mg/Kg	☼	10/01/25 20:32	10/02/25 12:08	1
2,4-Dichlorophenol	0.14	U	0.14	0.022	mg/Kg	☼	10/01/25 20:32	10/02/25 12:08	1
2,4-Dimethylphenol	0.34	U	0.34	0.041	mg/Kg	☼	10/01/25 20:32	10/02/25 12:08	1
2,4-Dinitrophenol	0.28	U	0.28	0.17	mg/Kg	☼	10/01/25 20:32	10/02/25 12:08	1
2,4-Dinitrotoluene	0.070	U	0.070	0.037	mg/Kg	☼	10/01/25 20:32	10/02/25 12:08	1
2,6-Dinitrotoluene	0.070	U	0.070	0.025	mg/Kg	☼	10/01/25 20:32	10/02/25 12:08	1
2-Chloronaphthalene	0.34	U	0.34	0.044	mg/Kg	☼	10/01/25 20:32	10/02/25 12:08	1
2-Chlorophenol	0.34	U	0.34	0.012	mg/Kg	☼	10/01/25 20:32	10/02/25 12:08	1
2-Methylnaphthalene	0.34	U	0.34	0.0096	mg/Kg	☼	10/01/25 20:32	10/02/25 12:08	1
2-Methylphenol	0.34	U	0.34	0.013	mg/Kg	☼	10/01/25 20:32	10/02/25 12:08	1
2-Nitroaniline	0.34	U	0.34	0.026	mg/Kg	☼	10/01/25 20:32	10/02/25 12:08	1
2-Nitrophenol	0.34	U	0.34	0.035	mg/Kg	☼	10/01/25 20:32	10/02/25 12:08	1
3 & 4 Methylphenol	0.34	U	0.34	0.022	mg/Kg	☼	10/01/25 20:32	10/02/25 12:08	1
3,3'-Dichlorobenzidine	0.14	U	0.14	0.052	mg/Kg	☼	10/01/25 20:32	10/02/25 12:08	1
3-Nitroaniline	0.34	U	0.34	0.082	mg/Kg	☼	10/01/25 20:32	10/02/25 12:08	1
4,6-Dinitro-2-methylphenol	0.28	U	0.28	0.14	mg/Kg	☼	10/01/25 20:32	10/02/25 12:08	1
4-Bromophenyl phenyl ether	0.34	U	0.34	0.014	mg/Kg	☼	10/01/25 20:32	10/02/25 12:08	1
4-Chloro-3-methylphenol	0.34	U	0.34	0.019	mg/Kg	☼	10/01/25 20:32	10/02/25 12:08	1
4-Chloroaniline	0.34	U	0.34	0.061	mg/Kg	☼	10/01/25 20:32	10/02/25 12:08	1
4-Chlorophenyl phenyl ether	0.34	U	0.34	0.012	mg/Kg	☼	10/01/25 20:32	10/02/25 12:08	1
4-Methylphenol	0.34	U	0.34	0.022	mg/Kg	☼	10/01/25 20:32	10/02/25 12:08	1
4-Nitroaniline	0.34	U	0.34	0.087	mg/Kg	☼	10/01/25 20:32	10/02/25 12:08	1
4-Nitrophenol	0.70	U	0.70	0.056	mg/Kg	☼	10/01/25 20:32	10/02/25 12:08	1
Acenaphthene	0.34	U	0.34	0.0098	mg/Kg	☼	10/01/25 20:32	10/02/25 12:08	1
Acenaphthylene	0.34	U	0.34	0.0099	mg/Kg	☼	10/01/25 20:32	10/02/25 12:08	1
Acetophenone	0.34	U	0.34	0.017	mg/Kg	☼	10/01/25 20:32	10/02/25 12:08	1
Anthracene	0.34	U	0.34	0.010	mg/Kg	☼	10/01/25 20:32	10/02/25 12:08	1
Atrazine	0.14	U	0.14	0.020	mg/Kg	☼	10/01/25 20:32	10/02/25 12:08	1
Benzaldehyde	0.34	U	0.34	0.057	mg/Kg	☼	10/01/25 20:32	10/02/25 12:08	1
Benzo[a]anthracene	0.034	U	0.034	0.026	mg/Kg	☼	10/01/25 20:32	10/02/25 12:08	1
Benzo[a]pyrene	0.034	U	0.034	0.0092	mg/Kg	☼	10/01/25 20:32	10/02/25 12:08	1
Benzo[b]fluoranthene	0.034	U	0.034	0.0089	mg/Kg	☼	10/01/25 20:32	10/02/25 12:08	1
Benzo[g,h,i]perylene	0.34	U	0.34	0.010	mg/Kg	☼	10/01/25 20:32	10/02/25 12:08	1
Benzo[k]fluoranthene	0.034	U	0.034	0.0068	mg/Kg	☼	10/01/25 20:32	10/02/25 12:08	1
Bis(2-chloroethoxy)methane	0.34	U	0.34	0.064	mg/Kg	☼	10/01/25 20:32	10/02/25 12:08	1
Bis(2-chloroethyl)ether	0.034	U	0.034	0.012	mg/Kg	☼	10/01/25 20:32	10/02/25 12:08	1
Bis(2-ethylhexyl) phthalate	0.34	U	0.34	0.018	mg/Kg	☼	10/01/25 20:32	10/02/25 12:08	1
Butyl benzyl phthalate	0.34	U	0.34	0.016	mg/Kg	☼	10/01/25 20:32	10/02/25 12:08	1
Caprolactam	0.34	U	0.34	0.054	mg/Kg	☼	10/01/25 20:32	10/02/25 12:08	1
Carbazole	0.34	U	0.34	0.013	mg/Kg	☼	10/01/25 20:32	10/02/25 12:08	1
Chrysene	0.34	U	0.34	0.014	mg/Kg	☼	10/01/25 20:32	10/02/25 12:08	1
Dibenz(a,h)anthracene	0.034	U	0.034	0.015	mg/Kg	☼	10/01/25 20:32	10/02/25 12:08	1
Dibenzofuran	0.34	U	0.34	0.012	mg/Kg	☼	10/01/25 20:32	10/02/25 12:08	1

Client Sample ID: 56B_3-6
Date Collected: 09/30/25 12:50
Date Received: 09/30/25 16:15

Lab Sample ID: 460-336081-10
Matrix: Solid
Percent Solids: 95.7

Method: SW846 8270E - Semivolatile Organic Compounds (GC/MS) (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Diethyl phthalate	0.34	U	0.34	0.011	mg/Kg	☼	10/01/25 20:32	10/02/25 12:08	1
Dimethyl phthalate	0.34	U	0.34	0.078	mg/Kg	☼	10/01/25 20:32	10/02/25 12:08	1
Di-n-butyl phthalate	0.34	U	0.34	0.013	mg/Kg	☼	10/01/25 20:32	10/02/25 12:08	1
Di-n-octyl phthalate	0.34	U	0.34	0.018	mg/Kg	☼	10/01/25 20:32	10/02/25 12:08	1
Fluoranthene	0.34	U	0.34	0.012	mg/Kg	☼	10/01/25 20:32	10/02/25 12:08	1
Fluorene	0.34	U	0.34	0.010	mg/Kg	☼	10/01/25 20:32	10/02/25 12:08	1
Hexachlorobenzene	0.034	U	0.034	0.016	mg/Kg	☼	10/01/25 20:32	10/02/25 12:08	1
Hexachlorobutadiene	0.070	U	0.070	0.0073	mg/Kg	☼	10/01/25 20:32	10/02/25 12:08	1
Hexachlorocyclopentadiene	0.34	U	0.34	0.030	mg/Kg	☼	10/01/25 20:32	10/02/25 12:08	1
Hexachloroethane	0.034	U	0.034	0.012	mg/Kg	☼	10/01/25 20:32	10/02/25 12:08	1
Indeno[1,2,3-cd]pyrene	0.034	U	0.034	0.013	mg/Kg	☼	10/01/25 20:32	10/02/25 12:08	1
Isophorone	0.14	U	0.14	0.10	mg/Kg	☼	10/01/25 20:32	10/02/25 12:08	1
Naphthalene	0.34	U	0.34	0.0060	mg/Kg	☼	10/01/25 20:32	10/02/25 12:08	1
Nitrobenzene	0.034	U	0.034	0.019	mg/Kg	☼	10/01/25 20:32	10/02/25 12:08	1
N-Nitrosodi-n-propylamine	0.034	U	0.034	0.025	mg/Kg	☼	10/01/25 20:32	10/02/25 12:08	1
N-Nitrosodiphenylamine	0.34	U	0.34	0.028	mg/Kg	☼	10/01/25 20:32	10/02/25 12:08	1
Pentachlorophenol	0.28	U	0.28	0.071	mg/Kg	☼	10/01/25 20:32	10/02/25 12:08	1
Phenanthrene	0.34	U	0.34	0.014	mg/Kg	☼	10/01/25 20:32	10/02/25 12:08	1
Phenol	0.34	U	0.34	0.013	mg/Kg	☼	10/01/25 20:32	10/02/25 12:08	1
Pyrene	0.34	U	0.34	0.0086	mg/Kg	☼	10/01/25 20:32	10/02/25 12:08	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
2,4,6-Tribromophenol (Surr)	*49*		*18 - 137*	*10/01/25 20:32*	*10/02/25 12:08*	*1*
2-Fluorobiphenyl	*46*		*33 - 117*	*10/01/25 20:32*	*10/02/25 12:08*	*1*
2-Fluorophenol (Surr)	*44*		*24 - 120*	*10/01/25 20:32*	*10/02/25 12:08*	*1*
Nitrobenzene-d5 (Surr)	*45*		*27 - 120*	*10/01/25 20:32*	*10/02/25 12:08*	*1*
Phenol-d5 (Surr)	*47*		*28 - 118*	*10/01/25 20:32*	*10/02/25 12:08*	*1*
Terphenyl-d14 (Surr)	*64*		*33 - 124*	*10/01/25 20:32*	*10/02/25 12:08*	*1*

Method: SW846 8081B - Organochlorine Pesticides (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
4,4'-DDD	0.0070	U	0.0070	0.0012	mg/Kg	☼	10/01/25 16:50	10/02/25 09:02	1
4,4'-DDE	0.0070	U	0.0070	0.00083	mg/Kg	☼	10/01/25 16:50	10/02/25 09:02	1
4,4'-DDT	0.0070	U	0.0070	0.0013	mg/Kg	☼	10/01/25 16:50	10/02/25 09:02	1
Aldrin	0.0070	U	0.0070	0.0011	mg/Kg	☼	10/01/25 16:50	10/02/25 09:02	1
alpha-BHC	0.0021	U	0.0021	0.00071	mg/Kg	☼	10/01/25 16:50	10/02/25 09:02	1
beta-BHC	0.0021	U	0.0021	0.00078	mg/Kg	☼	10/01/25 16:50	10/02/25 09:02	1
Chlordane (technical)	0.070	U	0.070	0.017	mg/Kg	☼	10/01/25 16:50	10/02/25 09:02	1
cis-Chlordane	0.0070	U	0.0070	0.0011	mg/Kg	☼	10/01/25 16:50	10/02/25 09:02	1
delta-BHC	0.0021	U	0.0021	0.00043	mg/Kg	☼	10/01/25 16:50	10/02/25 09:02	1
Dieldrin	0.0021	U	0.0021	0.00091	mg/Kg	☼	10/01/25 16:50	10/02/25 09:02	1
Endosulfan I	0.0070	U	0.0070	0.0011	mg/Kg	☼	10/01/25 16:50	10/02/25 09:02	1
Endosulfan II	0.0070	U	0.0070	0.0018	mg/Kg	☼	10/01/25 16:50	10/02/25 09:02	1
Endosulfan sulfate	0.0070	U	0.0070	0.00088	mg/Kg	☼	10/01/25 16:50	10/02/25 09:02	1
Endrin	0.0070	U	0.0070	0.0010	mg/Kg	☼	10/01/25 16:50	10/02/25 09:02	1
Endrin aldehyde	0.0070	U	0.0070	0.0017	mg/Kg	☼	10/01/25 16:50	10/02/25 09:02	1
Endrin ketone	0.0070	U	0.0070	0.0014	mg/Kg	☼	10/01/25 16:50	10/02/25 09:02	1
gamma-BHC (Lindane)	0.0021	U	0.0021	0.00065	mg/Kg	☼	10/01/25 16:50	10/02/25 09:02	1
Heptachlor	0.0070	U	0.0070	0.00083	mg/Kg	☼	10/01/25 16:50	10/02/25 09:02	1
Heptachlor epoxide	0.0070	U	0.0070	0.0010	mg/Kg	☼	10/01/25 16:50	10/02/25 09:02	1

Client Sample ID: 56B_3-6
Date Collected: 09/30/25 12:50
Date Received: 09/30/25 16:15

Lab Sample ID: 460-336081-10
Matrix: Solid
Percent Solids: 95.7

Method: SW846 8081B - Organochlorine Pesticides (GC) (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Methoxychlor	0.0070	U	0.0070	0.0016	mg/Kg	☼	10/01/25 16:50	10/02/25 09:02	1
Toxaphene	0.070	U	0.070	0.025	mg/Kg	☼	10/01/25 16:50	10/02/25 09:02	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
DCB Decachlorobiphenyl	*88*		*10 - 150*	*10/01/25 16:50*	*10/02/25 09:02*	*1*
DCB Decachlorobiphenyl	*105*		*10 - 150*	*10/01/25 16:50*	*10/02/25 09:02*	*1*
Tetrachloro-m-xylene	*90*		*14 - 150*	*10/01/25 16:50*	*10/02/25 09:02*	*1*
Tetrachloro-m-xylene	*86*		*14 - 150*	*10/01/25 16:50*	*10/02/25 09:02*	*1*

Method: SW846 8082A - Polychlorinated Biphenyls (PCBs) by Gas Chromatography

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Aroclor 1016	0.070	U	0.070	0.019	mg/Kg	☼	10/01/25 16:38	10/02/25 18:19	1
Aroclor 1221	0.070	U	0.070	0.019	mg/Kg	☼	10/01/25 16:38	10/02/25 18:19	1
Aroclor 1232	0.070	U	0.070	0.019	mg/Kg	☼	10/01/25 16:38	10/02/25 18:19	1
Aroclor 1242	0.070	U	0.070	0.019	mg/Kg	☼	10/01/25 16:38	10/02/25 18:19	1
Aroclor 1248	0.070	U	0.070	0.019	mg/Kg	☼	10/01/25 16:38	10/02/25 18:19	1
Aroclor 1254	0.070	U	0.070	0.019	mg/Kg	☼	10/01/25 16:38	10/02/25 18:19	1
Aroclor 1260	0.070	U	0.070	0.019	mg/Kg	☼	10/01/25 16:38	10/02/25 18:19	1
Aroclor-1262	0.070	U	0.070	0.019	mg/Kg	☼	10/01/25 16:38	10/02/25 18:19	1
Aroclor 1268	0.070	U	0.070	0.019	mg/Kg	☼	10/01/25 16:38	10/02/25 18:19	1
Polychlorinated biphenyls, Total	0.070	U	0.070	0.019	mg/Kg	☼	10/01/25 16:38	10/02/25 18:19	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
DCB Decachlorobiphenyl	*154*	*	*10 - 150*	*10/01/25 16:38*	*10/02/25 18:19*	*1*
DCB Decachlorobiphenyl	*163*	*	*10 - 150*	*10/01/25 16:38*	*10/02/25 18:19*	*1*
Tetrachloro-m-xylene	*148*		*10 - 150*	*10/01/25 16:38*	*10/02/25 18:19*	*1*
Tetrachloro-m-xylene	*158*	*	*10 - 150*	*10/01/25 16:38*	*10/02/25 18:19*	*1*

Method: EPA 1633A - Per- and Polyfluoroalkyl Substances by LC/MS/MS, 1633A

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Perfluorobutanoic acid (PFBA)	0.39	U	0.39	0.099	ug/Kg	☼	10/06/25 07:17	10/07/25 18:23	1
Perfluoropentanoic acid (PFPeA)	0.20	U	0.20	0.099	ug/Kg	☼	10/06/25 07:17	10/07/25 18:23	1
Perfluorohexanoic acid (PFHxA)	0.20	U	0.20	0.099	ug/Kg	☼	10/06/25 07:17	10/07/25 18:23	1
Perfluoroheptanoic acid (PFHpA)	0.20	U	0.20	0.099	ug/Kg	☼	10/06/25 07:17	10/07/25 18:23	1
Perfluorooctanoic acid (PFOA)	**0.19**	**J**	0.20	0.059	ug/Kg	☼	10/06/25 07:17	10/07/25 18:23	1
Perfluorononanoic acid (PFNA)	0.20	U	0.20	0.099	ug/Kg	☼	10/06/25 07:17	10/07/25 18:23	1
Perfluorodecanoic acid (PFDA)	0.20	U	0.20	0.059	ug/Kg	☼	10/06/25 07:17	10/07/25 18:23	1
Perfluoroundecanoic acid (PFUnA)	**0.32**		0.20	0.099	ug/Kg	☼	10/06/25 07:17	10/07/25 18:23	1
Perfluorododecanoic acid (PFDoA)	0.20	U	0.20	0.099	ug/Kg	☼	10/06/25 07:17	10/07/25 18:23	1
Perfluorotridecanoic acid (PFTrDA)	0.20	U	0.20	0.099	ug/Kg	☼	10/06/25 07:17	10/07/25 18:23	1
Perfluorotetradecanoic acid (PFTeDA)	0.20	U	0.20	0.099	ug/Kg	☼	10/06/25 07:17	10/07/25 18:23	1
Perfluorobutanesulfonic acid (PFBS)	0.20	U	0.20	0.099	ug/Kg	☼	10/06/25 07:17	10/07/25 18:23	1
Perfluoropentanesulfonic acid (PFPeS)	0.20	U	0.20	0.099	ug/Kg	☼	10/06/25 07:17	10/07/25 18:23	1
Perfluorohexanesulfonic acid (PFHxS)	0.20	U	0.20	0.099	ug/Kg	☼	10/06/25 07:17	10/07/25 18:23	1
Perfluoroheptanesulfonic acid (PFHpS)	0.20	U	0.20	0.099	ug/Kg	☼	10/06/25 07:17	10/07/25 18:23	1
Perfluorooctanesulfonic acid (PFOS)	0.20	U	0.20	0.099	ug/Kg	☼	10/06/25 07:17	10/07/25 18:23	1
Perfluorononanesulfonic acid (PFNS)	0.20	U	0.20	0.099	ug/Kg	☼	10/06/25 07:17	10/07/25 18:23	1
Perfluorodecanesulfonic acid (PFDS)	0.20	U	0.20	0.099	ug/Kg	☼	10/06/25 07:17	10/07/25 18:23	1

Client Sample ID: 56B_3-6
Date Collected: 09/30/25 12:50
Date Received: 09/30/25 16:15

Lab Sample ID: 460-336081-10
Matrix: Solid
Percent Solids: 95.7

Method: EPA 1633A - Per- and Polyfluoroalkyl Substances by LC/MS/MS, 1633A (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Perfluorododecanesulfonic acid (PFDoS)	0.20	U	0.20	0.099	ug/Kg	☼	10/06/25 07:17	10/07/25 18:23	1
1H,1H,2H,2H-Perfluorohexane sulfonic acid (4:2 FTS)	0.39	U	0.39	0.20	ug/Kg	☼	10/06/25 07:17	10/07/25 18:23	1
1H,1H,2H,2H-Perfluorooctane sulfonic acid (6:2 FTS)	0.39	U	0.39	0.20	ug/Kg	☼	10/06/25 07:17	10/07/25 18:23	1
1H,1H,2H,2H-Perfluorodecane sulfonic acid (8:2 FTS)	0.39	U	0.39	0.20	ug/Kg	☼	10/06/25 07:17	10/07/25 18:23	1
Perfluorooctanesulfonamide (PFOSA)	0.20	U	0.20	0.099	ug/Kg	☼	10/06/25 07:17	10/07/25 18:23	1
N-methylperfluorooctane sulfonamide (NMeFOSA)	0.20	U	0.20	0.099	ug/Kg	☼	10/06/25 07:17	10/07/25 18:23	1
N-ethylperfluorooctane sulfonamide (NEtFOSA)	0.20	U	0.20	0.099	ug/Kg	☼	10/06/25 07:17	10/07/25 18:23	1
N-methylperfluorooctanesulfonamidoacetic acid (NMeFOSAA)	0.20	U	0.20	0.099	ug/Kg	☼	10/06/25 07:17	10/07/25 18:23	1
N-ethylperfluorooctanesulfonamidoacetic acid (NEtFOSAA)	0.20	U	0.20	0.099	ug/Kg	☼	10/06/25 07:17	10/07/25 18:23	1
N-methylperfluorooctane sulfonamidoethanol (NMeFOSE)	0.99	U	0.99	0.49	ug/Kg	☼	10/06/25 07:17	10/07/25 18:23	1
N-ethylperfluorooctane sulfonamidoethanol (NEtFOSE)	0.99	U	0.99	0.49	ug/Kg	☼	10/06/25 07:17	10/07/25 18:23	1
Hexafluoropropylene Oxide Dimer Acid (HFPO-DA)	0.20	U	0.20	0.099	ug/Kg	☼	10/06/25 07:17	10/07/25 18:23	1
4,8-Dioxa-3H-perfluorononanoic acid (ADONA)	0.20	U	0.20	0.099	ug/Kg	☼	10/06/25 07:17	10/07/25 18:23	1
Perfluoro-3-methoxypropanoic acid (PFMPA)	0.20	U	0.20	0.099	ug/Kg	☼	10/06/25 07:17	10/07/25 18:23	1
Perfluoro-4-methoxybutanoic acid (PFMBA)	0.20	U	0.20	0.099	ug/Kg	☼	10/06/25 07:17	10/07/25 18:23	1
Nonafluoro-3,6-dioxaheptanoic acid (NFDHA)	0.20	U	0.20	0.099	ug/Kg	☼	10/06/25 07:17	10/07/25 18:23	1
9-Chlorohexadecafluoro-3-oxanonane-1-sulfonic acid (9Cl-PF3ONS)	0.20	U	0.20	0.099	ug/Kg	☼	10/06/25 07:17	10/07/25 18:23	1
11-Chloroeicosafluoro-3-oxaundecane-1-sulfonic acid (11Cl-PF3OUdS)	0.20	U	0.20	0.099	ug/Kg	☼	10/06/25 07:17	10/07/25 18:23	1
Perfluoro (2-ethoxyethane) sulfonic acid (PFEESA)	0.20	U	0.20	0.099	ug/Kg	☼	10/06/25 07:17	10/07/25 18:23	1
3-Perfluoropropylpropanoic acid (3:3 FTCA)	0.39	U	0.39	0.20	ug/Kg	☼	10/06/25 07:17	10/07/25 18:23	1
3-Perfluoropentylpropanoic acid (5:3 FTCA)	0.99	U	0.99	0.49	ug/Kg	☼	10/06/25 07:17	10/07/25 18:23	1
3-Perfluoroheptylpropanoic acid (7:3 FTCA)	0.99	U	0.99	0.49	ug/Kg	☼	10/06/25 07:17	10/07/25 18:23	1

Isotope Dilution	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
13C4 PFBA	*77.0*		*8 - 130*	*10/06/25 07:17*	*10/07/25 18:23*	*1*
13C5 PFPeA	*77.2*		*35 - 130*	*10/06/25 07:17*	*10/07/25 18:23*	*1*
13C5 PFHxA	*75.5*		*40 - 130*	*10/06/25 07:17*	*10/07/25 18:23*	*1*
13C4 PFHpA	*79.1*		*40 - 130*	*10/06/25 07:17*	*10/07/25 18:23*	*1*
13C8 PFOA	*77.6*		*40 - 130*	*10/06/25 07:17*	*10/07/25 18:23*	*1*
13C9 PFNA	*77.5*		*40 - 130*	*10/06/25 07:17*	*10/07/25 18:23*	*1*
13C6 PFDA	*76.2*		*40 - 130*	*10/06/25 07:17*	*10/07/25 18:23*	*1*
13C7 PFUnA	*70.7*		*40 - 130*	*10/06/25 07:17*	*10/07/25 18:23*	*1*
13C2 PFTeDA	*49.7*		*20 - 130*	*10/06/25 07:17*	*10/07/25 18:23*	*1*
13C3 PFBS	*77.1*		*40 - 135*	*10/06/25 07:17*	*10/07/25 18:23*	*1*

Client Sample ID: 56B_3-6

Date Collected: 09/30/25 12:50
Date Received: 09/30/25 16:15

Lab Sample ID: 460-336081-10

Matrix: Solid
Percent Solids: 95.7

Method: EPA 1633A - Per- and Polyfluoroalkyl Substances by LC/MS/MS, 1633A (Continued)

Isotope Dilution	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
13C3 PFHxS	76.5		40 - 130	10/06/25 07:17	10/07/25 18:23	1
13C8 PFOS	77.4		40 - 130	10/06/25 07:17	10/07/25 18:23	1
13C8 FOSA	71.5		40 - 130	10/06/25 07:17	10/07/25 18:23	1
d3-NMeFOSAA	70.7		40 - 135	10/06/25 07:17	10/07/25 18:23	1
d5-NEtFOSAA	66.3		40 - 150	10/06/25 07:17	10/07/25 18:23	1
13C2 4:2 FTS	82.3		40 - 165	10/06/25 07:17	10/07/25 18:23	1
13C2 6:2 FTS	81.9		40 - 215	10/06/25 07:17	10/07/25 18:23	1
13C2 8:2 FTS	71.6		40 - 275	10/06/25 07:17	10/07/25 18:23	1
13C3 HFPO-DA	79.2		40 - 130	10/06/25 07:17	10/07/25 18:23	1
d7-N-MeFOSE-M	60.6		20 - 130	10/06/25 07:17	10/07/25 18:23	1
d9-N-EtFOSE-M	50.3		15 - 130	10/06/25 07:17	10/07/25 18:23	1
d5-NEtPFOSA	58.8		10 - 130	10/06/25 07:17	10/07/25 18:23	1
d3-NMePFOSA	63.8		10 - 130	10/06/25 07:17	10/07/25 18:23	1
13C2 PFDoA	70.5		40 - 130	10/06/25 07:17	10/07/25 18:23	1

Method: SW846 6020B - Metals (ICP/MS)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Aluminum	**4490**		18.7	5.1	mg/Kg	☼	10/06/25 07:14	10/06/25 19:11	1
Antimony	**0.28**	**J**	0.93	0.14	mg/Kg	☼	10/06/25 07:14	10/06/25 19:11	1
Arsenic	**7.0**		0.93	0.096	mg/Kg	☼	10/06/25 07:14	10/06/25 19:11	1
Barium	**19.9**		1.9	0.14	mg/Kg	☼	10/06/25 07:14	10/06/25 19:11	1
Beryllium	**0.41**		0.37	0.021	mg/Kg	☼	10/06/25 07:14	10/06/25 19:11	1
Cadmium	0.93	U	0.93	0.11	mg/Kg	☼	10/06/25 07:14	10/06/25 19:11	1
Calcium	**219**		93.3	9.1	mg/Kg	☼	10/06/25 07:14	10/06/25 19:11	1
Chromium	**16.9**		1.9	0.28	mg/Kg	☼	10/06/25 07:14	10/06/25 19:11	1
Cobalt	**8.6**		0.93	0.14	mg/Kg	☼	10/06/25 07:14	10/06/25 19:11	1
Copper	**21.6**		1.9	0.34	mg/Kg	☼	10/06/25 07:14	10/06/25 19:11	1
Iron	**18200**		56.0	7.1	mg/Kg	☼	10/06/25 07:14	10/06/25 19:11	1
Lead	**14.7**		0.56	0.19	mg/Kg	☼	10/06/25 07:14	10/06/25 19:11	1
Magnesium	**1040**		93.3	9.5	mg/Kg	☼	10/06/25 07:14	10/06/25 19:11	1
Manganese	**175**		3.7	0.38	mg/Kg	☼	10/06/25 07:14	10/06/25 19:11	1
Nickel	**25.1**		1.9	0.17	mg/Kg	☼	10/06/25 07:14	10/06/25 19:11	1
Potassium	**955**		93.3	15.1	mg/Kg	☼	10/06/25 07:14	10/06/25 19:11	1
Selenium	**0.24**	**J**	1.2	0.12	mg/Kg	☼	10/06/25 07:14	10/06/25 19:11	1
Silver	0.37	U	0.37	0.083	mg/Kg	☼	10/06/25 07:14	10/06/25 19:11	1
Sodium	93.3	U	93.3	42.6	mg/Kg	☼	10/06/25 07:14	10/06/25 19:11	1
Thallium	**0.050**	**J**	0.37	0.038	mg/Kg	☼	10/06/25 07:14	10/06/25 19:11	1
Vanadium	**19.7**		1.9	0.19	mg/Kg	☼	10/06/25 07:14	10/06/25 19:11	1
Zinc	**30.5**		7.5	1.0	mg/Kg	☼	10/06/25 07:14	10/06/25 19:11	1

Method: SW846 7471B - Mercury (CVAA)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	**0.013**	**J**	0.016	0.0077	mg/Kg	☼	10/06/25 02:16	10/06/25 12:35	1

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Percent Moisture (EPA Moisture)	**4.3**		1.0	1.0	%			10/05/25 11:23	1
Percent Solids (EPA Moisture)	**95.7**		1.0	1.0	%			10/05/25 11:23	1

Client: Haley & Aldrich, Inc.
Project/Site: Former Port Mobil

Job ID: 460-336081-1

Client Sample ID: 56C_0-3
Date Collected: 09/30/25 12:55
Date Received: 09/30/25 16:15

Lab Sample ID: 460-336081-11
Matrix: Solid
Percent Solids: 92.4

Method: SW846 8270E - Semivolatile Organic Compounds (GC/MS)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1'-Biphenyl	0.36	U	0.36	0.012	mg/Kg	☼	10/01/25 20:32	10/02/25 12:30	1
1,2,4,5-Tetrachlorobenzene	0.36	U	0.36	0.011	mg/Kg	☼	10/01/25 20:32	10/02/25 12:30	1
1,4-Dioxane	0.036	U	0.036	0.031	mg/Kg	☼	10/01/25 20:32	10/02/25 12:30	1
2,2'-oxybis[1-chloropropane]	0.36	U	0.36	0.021	mg/Kg	☼	10/01/25 20:32	10/02/25 12:30	1
2,3,4,6-Tetrachlorophenol	0.36	U	0.36	0.024	mg/Kg	☼	10/01/25 20:32	10/02/25 12:30	1
2,4,5-Trichlorophenol	0.36	U	0.36	0.036	mg/Kg	☼	10/01/25 20:32	10/02/25 12:30	1
2,4,6-Trichlorophenol	0.14	U	0.14	0.046	mg/Kg	☼	10/01/25 20:32	10/02/25 12:30	1
2,4-Dichlorophenol	0.14	U	0.14	0.023	mg/Kg	☼	10/01/25 20:32	10/02/25 12:30	1
2,4-Dimethylphenol	0.36	U	0.36	0.043	mg/Kg	☼	10/01/25 20:32	10/02/25 12:30	1
2,4-Dinitrophenol	0.29	U	0.29	0.18	mg/Kg	☼	10/01/25 20:32	10/02/25 12:30	1
2,4-Dinitrotoluene	0.072	U	0.072	0.038	mg/Kg	☼	10/01/25 20:32	10/02/25 12:30	1
2,6-Dinitrotoluene	0.072	U	0.072	0.026	mg/Kg	☼	10/01/25 20:32	10/02/25 12:30	1
2-Chloronaphthalene	0.36	U	0.36	0.046	mg/Kg	☼	10/01/25 20:32	10/02/25 12:30	1
2-Chlorophenol	0.36	U	0.36	0.013	mg/Kg	☼	10/01/25 20:32	10/02/25 12:30	1
2-Methylnaphthalene	0.36	U	0.36	0.010	mg/Kg	☼	10/01/25 20:32	10/02/25 12:30	1
2-Methylphenol	0.36	U	0.36	0.013	mg/Kg	☼	10/01/25 20:32	10/02/25 12:30	1
2-Nitroaniline	0.36	U	0.36	0.027	mg/Kg	☼	10/01/25 20:32	10/02/25 12:30	1
2-Nitrophenol	0.36	U	0.36	0.036	mg/Kg	☼	10/01/25 20:32	10/02/25 12:30	1
3 & 4 Methylphenol	0.36	U	0.36	0.022	mg/Kg	☼	10/01/25 20:32	10/02/25 12:30	1
3,3'-Dichlorobenzidine	0.14	U	0.14	0.054	mg/Kg	☼	10/01/25 20:32	10/02/25 12:30	1
3-Nitroaniline	0.36	U	0.36	0.085	mg/Kg	☼	10/01/25 20:32	10/02/25 12:30	1
4,6-Dinitro-2-methylphenol	0.29	U	0.29	0.15	mg/Kg	☼	10/01/25 20:32	10/02/25 12:30	1
4-Bromophenyl phenyl ether	0.36	U	0.36	0.014	mg/Kg	☼	10/01/25 20:32	10/02/25 12:30	1
4-Chloro-3-methylphenol	0.36	U	0.36	0.020	mg/Kg	☼	10/01/25 20:32	10/02/25 12:30	1
4-Chloroaniline	0.36	U	0.36	0.063	mg/Kg	☼	10/01/25 20:32	10/02/25 12:30	1
4-Chlorophenyl phenyl ether	0.36	U	0.36	0.013	mg/Kg	☼	10/01/25 20:32	10/02/25 12:30	1
4-Methylphenol	0.36	U	0.36	0.022	mg/Kg	☼	10/01/25 20:32	10/02/25 12:30	1
4-Nitroaniline	0.36	U	0.36	0.090	mg/Kg	☼	10/01/25 20:32	10/02/25 12:30	1
4-Nitrophenol	0.72	U	0.72	0.058	mg/Kg	☼	10/01/25 20:32	10/02/25 12:30	1
Acenaphthene	0.36	U	0.36	0.010	mg/Kg	☼	10/01/25 20:32	10/02/25 12:30	1
Acenaphthylene	0.36	U	0.36	0.010	mg/Kg	☼	10/01/25 20:32	10/02/25 12:30	1
Acetophenone	0.36	U	0.36	0.018	mg/Kg	☼	10/01/25 20:32	10/02/25 12:30	1
Anthracene	0.36	U	0.36	0.011	mg/Kg	☼	10/01/25 20:32	10/02/25 12:30	1
Atrazine	0.14	U	0.14	0.021	mg/Kg	☼	10/01/25 20:32	10/02/25 12:30	1
Benzaldehyde	0.36	U	0.36	0.059	mg/Kg	☼	10/01/25 20:32	10/02/25 12:30	1
Benzo[a]anthracene	0.036	U	0.036	0.027	mg/Kg	☼	10/01/25 20:32	10/02/25 12:30	1
Benzo[a]pyrene	0.036	U	0.036	0.0095	mg/Kg	☼	10/01/25 20:32	10/02/25 12:30	1
Benzo[b]fluoranthene	0.036	U	0.036	0.0092	mg/Kg	☼	10/01/25 20:32	10/02/25 12:30	1
Benzo[g,h,i]perylene	0.36	U	0.36	0.011	mg/Kg	☼	10/01/25 20:32	10/02/25 12:30	1
Benzo[k]fluoranthene	0.036	U	0.036	0.0070	mg/Kg	☼	10/01/25 20:32	10/02/25 12:30	1
Bis(2-chloroethoxy)methane	0.36	U	0.36	0.066	mg/Kg	☼	10/01/25 20:32	10/02/25 12:30	1
Bis(2-chloroethyl)ether	0.036	U	0.036	0.012	mg/Kg	☼	10/01/25 20:32	10/02/25 12:30	1
Bis(2-ethylhexyl) phthalate	0.36	U	0.36	0.019	mg/Kg	☼	10/01/25 20:32	10/02/25 12:30	1
Butyl benzyl phthalate	0.36	U	0.36	0.017	mg/Kg	☼	10/01/25 20:32	10/02/25 12:30	1
Caprolactam	0.36	U	0.36	0.056	mg/Kg	☼	10/01/25 20:32	10/02/25 12:30	1
Carbazole	0.36	U	0.36	0.014	mg/Kg	☼	10/01/25 20:32	10/02/25 12:30	1
Chrysene	0.36	U	0.36	0.015	mg/Kg	☼	10/01/25 20:32	10/02/25 12:30	1
Dibenz(a,h)anthracene	0.036	U	0.036	0.015	mg/Kg	☼	10/01/25 20:32	10/02/25 12:30	1
Dibenzofuran	0.36	U	0.36	0.012	mg/Kg	☼	10/01/25 20:32	10/02/25 12:30	1

Client Sample ID: 56C_0-3
Date Collected: 09/30/25 12:55
Date Received: 09/30/25 16:15

Lab Sample ID: 460-336081-11
Matrix: Solid
Percent Solids: 92.4

Method: SW846 8270E - Semivolatile Organic Compounds (GC/MS) (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Diethyl phthalate	0.36	U	0.36	0.011	mg/Kg	☼	10/01/25 20:32	10/02/25 12:30	1
Dimethyl phthalate	0.36	U	0.36	0.081	mg/Kg	☼	10/01/25 20:32	10/02/25 12:30	1
Di-n-butyl phthalate	0.36	U	0.36	0.013	mg/Kg	☼	10/01/25 20:32	10/02/25 12:30	1
Di-n-octyl phthalate	0.36	U	0.36	0.019	mg/Kg	☼	10/01/25 20:32	10/02/25 12:30	1
Fluoranthene	0.36	U	0.36	0.012	mg/Kg	☼	10/01/25 20:32	10/02/25 12:30	1
Fluorene	0.36	U	0.36	0.010	mg/Kg	☼	10/01/25 20:32	10/02/25 12:30	1
Hexachlorobenzene	0.036	U	0.036	0.017	mg/Kg	☼	10/01/25 20:32	10/02/25 12:30	1
Hexachlorobutadiene	0.072	U	0.072	0.0076	mg/Kg	☼	10/01/25 20:32	10/02/25 12:30	1
Hexachlorocyclopentadiene	0.36	U	0.36	0.031	mg/Kg	☼	10/01/25 20:32	10/02/25 12:30	1
Hexachloroethane	0.036	U	0.036	0.012	mg/Kg	☼	10/01/25 20:32	10/02/25 12:30	1
Indeno[1,2,3-cd]pyrene	0.036	U	0.036	0.014	mg/Kg	☼	10/01/25 20:32	10/02/25 12:30	1
Isophorone	0.14	U	0.14	0.10	mg/Kg	☼	10/01/25 20:32	10/02/25 12:30	1
Naphthalene	0.36	U	0.36	0.0062	mg/Kg	☼	10/01/25 20:32	10/02/25 12:30	1
Nitrobenzene	0.036	U	0.036	0.020	mg/Kg	☼	10/01/25 20:32	10/02/25 12:30	1
N-Nitrosodi-n-propylamine	0.036	U	0.036	0.026	mg/Kg	☼	10/01/25 20:32	10/02/25 12:30	1
N-Nitrosodiphenylamine	0.36	U	0.36	0.029	mg/Kg	☼	10/01/25 20:32	10/02/25 12:30	1
Pentachlorophenol	0.29	U	0.29	0.073	mg/Kg	☼	10/01/25 20:32	10/02/25 12:30	1
Phenanthrene	0.36	U	0.36	0.015	mg/Kg	☼	10/01/25 20:32	10/02/25 12:30	1
Phenol	0.36	U	0.36	0.013	mg/Kg	☼	10/01/25 20:32	10/02/25 12:30	1
Pyrene	0.36	U	0.36	0.0089	mg/Kg	☼	10/01/25 20:32	10/02/25 12:30	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
2,4,6-Tribromophenol (Surr)	*51*		*18 - 137*	*10/01/25 20:32*	*10/02/25 12:30*	*1*
2-Fluorobiphenyl	*50*		*33 - 117*	*10/01/25 20:32*	*10/02/25 12:30*	*1*
2-Fluorophenol (Surr)	*49*		*24 - 120*	*10/01/25 20:32*	*10/02/25 12:30*	*1*
Nitrobenzene-d5 (Surr)	*49*		*27 - 120*	*10/01/25 20:32*	*10/02/25 12:30*	*1*
Phenol-d5 (Surr)	*50*		*28 - 118*	*10/01/25 20:32*	*10/02/25 12:30*	*1*
Terphenyl-d14 (Surr)	*63*		*33 - 124*	*10/01/25 20:32*	*10/02/25 12:30*	*1*

Method: SW846 8081B - Organochlorine Pesticides (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
4,4'-DDD	0.0073	U	0.0073	0.0012	mg/Kg	☼	10/01/25 16:50	10/02/25 09:14	1
4,4'-DDE	0.0073	U	0.0073	0.00086	mg/Kg	☼	10/01/25 16:50	10/02/25 09:14	1
4,4'-DDT	0.0073	U	0.0073	0.0013	mg/Kg	☼	10/01/25 16:50	10/02/25 09:14	1
Aldrin	0.0073	U	0.0073	0.0011	mg/Kg	☼	10/01/25 16:50	10/02/25 09:14	1
alpha-BHC	0.0022	U	0.0022	0.00074	mg/Kg	☼	10/01/25 16:50	10/02/25 09:14	1
beta-BHC	0.0022	U	0.0022	0.00081	mg/Kg	☼	10/01/25 16:50	10/02/25 09:14	1
Chlordane (technical)	0.073	U	0.073	0.018	mg/Kg	☼	10/01/25 16:50	10/02/25 09:14	1
cis-Chlordane	0.0073	U	0.0073	0.0011	mg/Kg	☼	10/01/25 16:50	10/02/25 09:14	1
delta-BHC	0.0022	U	0.0022	0.00044	mg/Kg	☼	10/01/25 16:50	10/02/25 09:14	1
Dieldrin	0.0022	U	0.0022	0.00094	mg/Kg	☼	10/01/25 16:50	10/02/25 09:14	1
Endosulfan I	0.0073	U	0.0073	0.0011	mg/Kg	☼	10/01/25 16:50	10/02/25 09:14	1
Endosulfan II	0.0073	U	0.0073	0.0019	mg/Kg	☼	10/01/25 16:50	10/02/25 09:14	1
Endosulfan sulfate	0.0073	U	0.0073	0.00091	mg/Kg	☼	10/01/25 16:50	10/02/25 09:14	1
Endrin	0.0073	U	0.0073	0.0010	mg/Kg	☼	10/01/25 16:50	10/02/25 09:14	1
Endrin aldehyde	0.0073	U	0.0073	0.0017	mg/Kg	☼	10/01/25 16:50	10/02/25 09:14	1
Endrin ketone	0.0073	U	0.0073	0.0014	mg/Kg	☼	10/01/25 16:50	10/02/25 09:14	1
gamma-BHC (Lindane)	0.0022	U	0.0022	0.00067	mg/Kg	☼	10/01/25 16:50	10/02/25 09:14	1
Heptachlor	0.0073	U	0.0073	0.00086	mg/Kg	☼	10/01/25 16:50	10/02/25 09:14	1
Heptachlor epoxide	0.0073	U	0.0073	0.0011	mg/Kg	☼	10/01/25 16:50	10/02/25 09:14	1

Client Sample ID: 56C_0-3
Date Collected: 09/30/25 12:55
Date Received: 09/30/25 16:15

Lab Sample ID: 460-336081-11
Matrix: Solid
Percent Solids: 92.4

Method: SW846 8081B - Organochlorine Pesticides (GC) (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Methoxychlor	0.0073	U	0.0073	0.0017	mg/Kg	☼	10/01/25 16:50	10/02/25 09:14	1
Toxaphene	0.073	U	0.073	0.026	mg/Kg	☼	10/01/25 16:50	10/02/25 09:14	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
DCB Decachlorobiphenyl	*108*		*10 - 150*	*10/01/25 16:50*	*10/02/25 09:14*	*1*
DCB Decachlorobiphenyl	*131*		*10 - 150*	*10/01/25 16:50*	*10/02/25 09:14*	*1*
Tetrachloro-m-xylene	*110*		*14 - 150*	*10/01/25 16:50*	*10/02/25 09:14*	*1*
Tetrachloro-m-xylene	*106*		*14 - 150*	*10/01/25 16:50*	*10/02/25 09:14*	*1*

Method: SW846 8082A - Polychlorinated Biphenyls (PCBs) by Gas Chromatography

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Aroclor 1016	0.073	U	0.073	0.019	mg/Kg	☼	10/01/25 16:38	10/02/25 20:21	1
Aroclor 1221	0.073	U	0.073	0.019	mg/Kg	☼	10/01/25 16:38	10/02/25 20:21	1
Aroclor 1232	0.073	U	0.073	0.019	mg/Kg	☼	10/01/25 16:38	10/02/25 20:21	1
Aroclor 1242	0.073	U	0.073	0.019	mg/Kg	☼	10/01/25 16:38	10/02/25 20:21	1
Aroclor 1248	0.073	U	0.073	0.019	mg/Kg	☼	10/01/25 16:38	10/02/25 20:21	1
Aroclor 1254	0.073	U	0.073	0.019	mg/Kg	☼	10/01/25 16:38	10/02/25 20:21	1
Aroclor 1260	0.073	U	0.073	0.019	mg/Kg	☼	10/01/25 16:38	10/02/25 20:21	1
Aroclor-1262	0.073	U	0.073	0.019	mg/Kg	☼	10/01/25 16:38	10/02/25 20:21	1
Aroclor 1268	0.073	U	0.073	0.019	mg/Kg	☼	10/01/25 16:38	10/02/25 20:21	1
Polychlorinated biphenyls, Total	0.073	U	0.073	0.019	mg/Kg	☼	10/01/25 16:38	10/02/25 20:21	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
DCB Decachlorobiphenyl	*179*	*	*10 - 150*	*10/01/25 16:38*	*10/02/25 20:21*	*1*
DCB Decachlorobiphenyl	*190*	*	*10 - 150*	*10/01/25 16:38*	*10/02/25 20:21*	*1*
Tetrachloro-m-xylene	*170*	*	*10 - 150*	*10/01/25 16:38*	*10/02/25 20:21*	*1*
Tetrachloro-m-xylene	*186*	*	*10 - 150*	*10/01/25 16:38*	*10/02/25 20:21*	*1*

Method: EPA 1633A - Per- and Polyfluoroalkyl Substances by LC/MS/MS, 1633A

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Perfluorobutanoic acid (PFBA)	0.40	U	0.40	0.10	ug/Kg	☼	10/06/25 07:17	10/07/25 18:36	1
Perfluoropentanoic acid (PFPeA)	0.20	U	0.20	0.10	ug/Kg	☼	10/06/25 07:17	10/07/25 18:36	1
Perfluorohexanoic acid (PFHxA)	0.20	U	0.20	0.10	ug/Kg	☼	10/06/25 07:17	10/07/25 18:36	1
Perfluoroheptanoic acid (PFHpA)	0.20	U	0.20	0.10	ug/Kg	☼	10/06/25 07:17	10/07/25 18:36	1
Perfluorooctanoic acid (PFOA)	**0.16**	**J**	0.20	0.060	ug/Kg	☼	10/06/25 07:17	10/07/25 18:36	1
Perfluorononanoic acid (PFNA)	**0.20**		0.20	0.10	ug/Kg	☼	10/06/25 07:17	10/07/25 18:36	1
Perfluorodecanoic acid (PFDA)	**0.095**	**J**	0.20	0.060	ug/Kg	☼	10/06/25 07:17	10/07/25 18:36	1
Perfluoroundecanoic acid (PFUnA)	**0.24**		0.20	0.10	ug/Kg	☼	10/06/25 07:17	10/07/25 18:36	1
Perfluorododecanoic acid (PFDoA)	0.20	U	0.20	0.10	ug/Kg	☼	10/06/25 07:17	10/07/25 18:36	1
Perfluorotridecanoic acid (PFTrDA)	**0.11**	**J**	0.20	0.10	ug/Kg	☼	10/06/25 07:17	10/07/25 18:36	1
Perfluorotetradecanoic acid (PFTeDA)	0.20	U	0.20	0.10	ug/Kg	☼	10/06/25 07:17	10/07/25 18:36	1
Perfluorobutanesulfonic acid (PFBS)	0.20	U	0.20	0.10	ug/Kg	☼	10/06/25 07:17	10/07/25 18:36	1
Perfluoropentanesulfonic acid (PFPeS)	0.20	U	0.20	0.10	ug/Kg	☼	10/06/25 07:17	10/07/25 18:36	1
Perfluorohexanesulfonic acid (PFHxS)	0.20	U	0.20	0.10	ug/Kg	☼	10/06/25 07:17	10/07/25 18:36	1
Perfluoroheptanesulfonic acid (PFHpS)	0.20	U	0.20	0.10	ug/Kg	☼	10/06/25 07:17	10/07/25 18:36	1
Perfluorooctanesulfonic acid (PFOS)	0.20	U	0.20	0.10	ug/Kg	☼	10/06/25 07:17	10/07/25 18:36	1
Perfluorononanesulfonic acid (PFNS)	0.20	U	0.20	0.10	ug/Kg	☼	10/06/25 07:17	10/07/25 18:36	1

Client Sample ID: 56C_0-3
Date Collected: 09/30/25 12:55
Date Received: 09/30/25 16:15

Lab Sample ID: 460-336081-11
Matrix: Solid
Percent Solids: 92.4

Method: EPA 1633A - Per- and Polyfluoroalkyl Substances by LC/MS/MS, 1633A (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Perfluorodecanesulfonic acid (PFDS)	0.20	U	0.20	0.10	ug/Kg	☼	10/06/25 07:17	10/07/25 18:36	1
Perfluorododecanesulfonic acid (PFDoS)	0.20	U	0.20	0.10	ug/Kg	☼	10/06/25 07:17	10/07/25 18:36	1
1H,1H,2H,2H-Perfluorohexane sulfonic acid (4:2 FTS)	0.40	U	0.40	0.20	ug/Kg	☼	10/06/25 07:17	10/07/25 18:36	1
1H,1H,2H,2H-Perfluorooctane sulfonic acid (6:2 FTS)	0.40	U	0.40	0.20	ug/Kg	☼	10/06/25 07:17	10/07/25 18:36	1
1H,1H,2H,2H-Perfluorodecane sulfonic acid (8:2 FTS)	0.40	U	0.40	0.20	ug/Kg	☼	10/06/25 07:17	10/07/25 18:36	1
Perfluorooctanesulfonamide (PFOSA)	0.20	U	0.20	0.10	ug/Kg	☼	10/06/25 07:17	10/07/25 18:36	1
N-methylperfluorooctane sulfonamide (NMeFOSA)	0.20	U	0.20	0.10	ug/Kg	☼	10/06/25 07:17	10/07/25 18:36	1
N-ethylperfluorooctane sulfonamide (NEtFOSA)	0.20	U	0.20	0.10	ug/Kg	☼	10/06/25 07:17	10/07/25 18:36	1
N-methylperfluorooctanesulfonamidoacetic acid (NMeFOSAA)	0.20	U	0.20	0.10	ug/Kg	☼	10/06/25 07:17	10/07/25 18:36	1
N-ethylperfluorooctanesulfonamidoacetic acid (NEtFOSAA)	0.20	U	0.20	0.10	ug/Kg	☼	10/06/25 07:17	10/07/25 18:36	1
N-methylperfluorooctane sulfonamidoethanol (NMeFOSE)	1.0	U	1.0	0.50	ug/Kg	☼	10/06/25 07:17	10/07/25 18:36	1
N-ethylperfluorooctane sulfonamidoethanol (NEtFOSE)	1.0	U	1.0	0.50	ug/Kg	☼	10/06/25 07:17	10/07/25 18:36	1
Hexafluoropropylene Oxide Dimer Acid (HFPO-DA)	0.20	U	0.20	0.10	ug/Kg	☼	10/06/25 07:17	10/07/25 18:36	1
4,8-Dioxa-3H-perfluorononanoic acid (ADONA)	0.20	U	0.20	0.10	ug/Kg	☼	10/06/25 07:17	10/07/25 18:36	1
Perfluoro-3-methoxypropanoic acid (PFMPA)	0.20	U	0.20	0.10	ug/Kg	☼	10/06/25 07:17	10/07/25 18:36	1
Perfluoro-4-methoxybutanoic acid (PFMBA)	0.20	U	0.20	0.10	ug/Kg	☼	10/06/25 07:17	10/07/25 18:36	1
Nonafluoro-3,6-dioxaheptanoic acid (NFDHA)	0.20	U	0.20	0.10	ug/Kg	☼	10/06/25 07:17	10/07/25 18:36	1
9-Chlorohexadecafluoro-3-oxanonane-1-sulfonic acid (9Cl-PF3ONS)	0.20	U	0.20	0.10	ug/Kg	☼	10/06/25 07:17	10/07/25 18:36	1
11-Chloroeicosafluoro-3-oxaundecane-1-sulfonic acid (11Cl-PF3OUdS)	0.20	U	0.20	0.10	ug/Kg	☼	10/06/25 07:17	10/07/25 18:36	1
Perfluoro (2-ethoxyethane) sulfonic acid (PFEESA)	0.20	U	0.20	0.10	ug/Kg	☼	10/06/25 07:17	10/07/25 18:36	1
3-Perfluoropropylpropanoic acid (3:3 FTCA)	0.40	U	0.40	0.20	ug/Kg	☼	10/06/25 07:17	10/07/25 18:36	1
3-Perfluoropentylpropanoic acid (5:3 FTCA)	1.0	U	1.0	0.50	ug/Kg	☼	10/06/25 07:17	10/07/25 18:36	1
3-Perfluoroheptylpropanoic acid (7:3 FTCA)	1.0	U	1.0	0.50	ug/Kg	☼	10/06/25 07:17	10/07/25 18:36	1

Isotope Dilution	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
13C4 PFBA	*95.1*		*8 - 130*	*10/06/25 07:17*	*10/07/25 18:36*	*1*
13C5 PFPeA	*93.7*		*35 - 130*	*10/06/25 07:17*	*10/07/25 18:36*	*1*
13C5 PFHxA	*91.9*		*40 - 130*	*10/06/25 07:17*	*10/07/25 18:36*	*1*
13C4 PFHpA	*97.8*		*40 - 130*	*10/06/25 07:17*	*10/07/25 18:36*	*1*
13C8 PFOA	*89.3*		*40 - 130*	*10/06/25 07:17*	*10/07/25 18:36*	*1*
13C9 PFNA	*90.0*		*40 - 130*	*10/06/25 07:17*	*10/07/25 18:36*	*1*
13C6 PFDA	*91.7*		*40 - 130*	*10/06/25 07:17*	*10/07/25 18:36*	*1*
13C7 PFUnA	*81.6*		*40 - 130*	*10/06/25 07:17*	*10/07/25 18:36*	*1*
13C2 PFTeDA	*71.0*		*20 - 130*	*10/06/25 07:17*	*10/07/25 18:36*	*1*

Client Sample ID: 56C_0-3

Date Collected: 09/30/25 12:55
Date Received: 09/30/25 16:15

Lab Sample ID: 460-336081-11

Matrix: Solid
Percent Solids: 92.4

Method: EPA 1633A - Per- and Polyfluoroalkyl Substances by LC/MS/MS, 1633A (Continued)

Isotope Dilution	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
13C3 PFBS	90.4		40 - 135	10/06/25 07:17	10/07/25 18:36	1
13C3 PFHxS	89.9		40 - 130	10/06/25 07:17	10/07/25 18:36	1
13C8 PFOS	91.1		40 - 130	10/06/25 07:17	10/07/25 18:36	1
13C8 FOSA	80.1		40 - 130	10/06/25 07:17	10/07/25 18:36	1
d3-NMeFOSAA	79.2		40 - 135	10/06/25 07:17	10/07/25 18:36	1
d5-NEtFOSAA	75.3		40 - 150	10/06/25 07:17	10/07/25 18:36	1
13C2 4:2 FTS	120		40 - 165	10/06/25 07:17	10/07/25 18:36	1
13C2 6:2 FTS	96.4		40 - 215	10/06/25 07:17	10/07/25 18:36	1
13C2 8:2 FTS	86.3		40 - 275	10/06/25 07:17	10/07/25 18:36	1
13C3 HFPO-DA	93.6		40 - 130	10/06/25 07:17	10/07/25 18:36	1
d7-N-MeFOSE-M	54.9		20 - 130	10/06/25 07:17	10/07/25 18:36	1
d9-N-EtFOSE-M	52.1		15 - 130	10/06/25 07:17	10/07/25 18:36	1
d5-NEtPFOSA	67.4		10 - 130	10/06/25 07:17	10/07/25 18:36	1
d3-NMePFOSA	74.4		10 - 130	10/06/25 07:17	10/07/25 18:36	1
13C2 PFDoA	82.7		40 - 130	10/06/25 07:17	10/07/25 18:36	1

Method: SW846 6020B - Metals (ICP/MS)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Aluminum	5270		19.9	5.5	mg/Kg	☼	10/06/25 07:14	10/06/25 19:13	1
Antimony	0.34	J	0.99	0.14	mg/Kg	☼	10/06/25 07:14	10/06/25 19:13	1
Arsenic	4.1		0.99	0.10	mg/Kg	☼	10/06/25 07:14	10/06/25 19:13	1
Barium	32.8		2.0	0.14	mg/Kg	☼	10/06/25 07:14	10/06/25 19:13	1
Beryllium	0.40		0.40	0.022	mg/Kg	☼	10/06/25 07:14	10/06/25 19:13	1
Cadmium	0.99	U	0.99	0.11	mg/Kg	☼	10/06/25 07:14	10/06/25 19:13	1
Calcium	544		99.3	9.7	mg/Kg	☼	10/06/25 07:14	10/06/25 19:13	1
Chromium	12.0		2.0	0.29	mg/Kg	☼	10/06/25 07:14	10/06/25 19:13	1
Cobalt	3.0		0.99	0.15	mg/Kg	☼	10/06/25 07:14	10/06/25 19:13	1
Copper	21.6		2.0	0.37	mg/Kg	☼	10/06/25 07:14	10/06/25 19:13	1
Iron	10900		59.6	7.6	mg/Kg	☼	10/06/25 07:14	10/06/25 19:13	1
Lead	42.3		0.60	0.20	mg/Kg	☼	10/06/25 07:14	10/06/25 19:13	1
Magnesium	487		99.3	10.1	mg/Kg	☼	10/06/25 07:14	10/06/25 19:13	1
Manganese	43.4		4.0	0.40	mg/Kg	☼	10/06/25 07:14	10/06/25 19:13	1
Nickel	8.4		2.0	0.18	mg/Kg	☼	10/06/25 07:14	10/06/25 19:13	1
Potassium	533		99.3	16.1	mg/Kg	☼	10/06/25 07:14	10/06/25 19:13	1
Selenium	0.31	J	1.2	0.13	mg/Kg	☼	10/06/25 07:14	10/06/25 19:13	1
Silver	0.40	U	0.40	0.088	mg/Kg	☼	10/06/25 07:14	10/06/25 19:13	1
Sodium	61.8	J	99.3	45.4	mg/Kg	☼	10/06/25 07:14	10/06/25 19:13	1
Thallium	0.061	J	0.40	0.041	mg/Kg	☼	10/06/25 07:14	10/06/25 19:13	1
Vanadium	16.7		2.0	0.20	mg/Kg	☼	10/06/25 07:14	10/06/25 19:13	1
Zinc	37.3		7.9	1.1	mg/Kg	☼	10/06/25 07:14	10/06/25 19:13	1

Method: SW846 7471B - Mercury (CVAA)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	0.017	J	0.018	0.0082	mg/Kg	☼	10/06/25 02:16	10/06/25 12:38	1

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Percent Moisture (EPA Moisture)	7.6		1.0	1.0	%			10/05/25 11:24	1
Percent Solids (EPA Moisture)	92.4		1.0	1.0	%			10/05/25 11:24	1

Client Sample ID: 56C_3-6
Date Collected: 09/30/25 13:00
Date Received: 09/30/25 16:15

Lab Sample ID: 460-336081-12
Matrix: Solid
Percent Solids: 93.8

Method: SW846 8270E - Semivolatile Organic Compounds (GC/MS)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1'-Biphenyl	0.35	U	0.35	0.012	mg/Kg	☼	10/01/25 20:32	10/02/25 12:53	1
1,2,4,5-Tetrachlorobenzene	0.35	U	0.35	0.011	mg/Kg	☼	10/01/25 20:32	10/02/25 12:53	1
1,4-Dioxane	0.035	U	0.035	0.030	mg/Kg	☼	10/01/25 20:32	10/02/25 12:53	1
2,2'-oxybis[1-chloropropane]	0.35	U	0.35	0.021	mg/Kg	☼	10/01/25 20:32	10/02/25 12:53	1
2,3,4,6-Tetrachlorophenol	0.35	U	0.35	0.024	mg/Kg	☼	10/01/25 20:32	10/02/25 12:53	1
2,4,5-Trichlorophenol	0.35	U	0.35	0.036	mg/Kg	☼	10/01/25 20:32	10/02/25 12:53	1
2,4,6-Trichlorophenol	0.14	U	0.14	0.045	mg/Kg	☼	10/01/25 20:32	10/02/25 12:53	1
2,4-Dichlorophenol	0.14	U	0.14	0.022	mg/Kg	☼	10/01/25 20:32	10/02/25 12:53	1
2,4-Dimethylphenol	0.35	U	0.35	0.042	mg/Kg	☼	10/01/25 20:32	10/02/25 12:53	1
2,4-Dinitrophenol	0.28	U	0.28	0.17	mg/Kg	☼	10/01/25 20:32	10/02/25 12:53	1
2,4-Dinitrotoluene	0.071	U	0.071	0.038	mg/Kg	☼	10/01/25 20:32	10/02/25 12:53	1
2,6-Dinitrotoluene	0.071	U	0.071	0.025	mg/Kg	☼	10/01/25 20:32	10/02/25 12:53	1
2-Chloronaphthalene	0.35	U	0.35	0.045	mg/Kg	☼	10/01/25 20:32	10/02/25 12:53	1
2-Chlorophenol	0.35	U	0.35	0.012	mg/Kg	☼	10/01/25 20:32	10/02/25 12:53	1
2-Methylnaphthalene	0.35	U	0.35	0.0098	mg/Kg	☼	10/01/25 20:32	10/02/25 12:53	1
2-Methylphenol	0.35	U	0.35	0.013	mg/Kg	☼	10/01/25 20:32	10/02/25 12:53	1
2-Nitroaniline	0.35	U	0.35	0.027	mg/Kg	☼	10/01/25 20:32	10/02/25 12:53	1
2-Nitrophenol	0.35	U	0.35	0.035	mg/Kg	☼	10/01/25 20:32	10/02/25 12:53	1
3 & 4 Methylphenol	0.35	U	0.35	0.022	mg/Kg	☼	10/01/25 20:32	10/02/25 12:53	1
3,3'-Dichlorobenzidine	0.14	U	0.14	0.053	mg/Kg	☼	10/01/25 20:32	10/02/25 12:53	1
3-Nitroaniline	0.35	U	0.35	0.083	mg/Kg	☼	10/01/25 20:32	10/02/25 12:53	1
4,6-Dinitro-2-methylphenol	0.28	U	0.28	0.14	mg/Kg	☼	10/01/25 20:32	10/02/25 12:53	1
4-Bromophenyl phenyl ether	0.35	U	0.35	0.014	mg/Kg	☼	10/01/25 20:32	10/02/25 12:53	1
4-Chloro-3-methylphenol	0.35	U	0.35	0.020	mg/Kg	☼	10/01/25 20:32	10/02/25 12:53	1
4-Chloroaniline	0.35	U	0.35	0.062	mg/Kg	☼	10/01/25 20:32	10/02/25 12:53	1
4-Chlorophenyl phenyl ether	0.35	U	0.35	0.012	mg/Kg	☼	10/01/25 20:32	10/02/25 12:53	1
4-Methylphenol	0.35	U	0.35	0.022	mg/Kg	☼	10/01/25 20:32	10/02/25 12:53	1
4-Nitroaniline	0.35	U	0.35	0.088	mg/Kg	☼	10/01/25 20:32	10/02/25 12:53	1
4-Nitrophenol	0.71	U	0.71	0.057	mg/Kg	☼	10/01/25 20:32	10/02/25 12:53	1
Acenaphthene	0.35	U	0.35	0.0099	mg/Kg	☼	10/01/25 20:32	10/02/25 12:53	1
Acenaphthylene	0.35	U	0.35	0.010	mg/Kg	☼	10/01/25 20:32	10/02/25 12:53	1
Acetophenone	0.35	U	0.35	0.017	mg/Kg	☼	10/01/25 20:32	10/02/25 12:53	1
Anthracene	0.35	U	0.35	0.011	mg/Kg	☼	10/01/25 20:32	10/02/25 12:53	1
Atrazine	0.14	U	0.14	0.021	mg/Kg	☼	10/01/25 20:32	10/02/25 12:53	1
Benzaldehyde	0.35	U	0.35	0.058	mg/Kg	☼	10/01/25 20:32	10/02/25 12:53	1
Benzo[a]anthracene	0.035	U	0.035	0.026	mg/Kg	☼	10/01/25 20:32	10/02/25 12:53	1
Benzo[a]pyrene	0.035	U	0.035	0.0093	mg/Kg	☼	10/01/25 20:32	10/02/25 12:53	1
Benzo[b]fluoranthene	0.035	U	0.035	0.0090	mg/Kg	☼	10/01/25 20:32	10/02/25 12:53	1
Benzo[g,h,i]perylene	0.35	U	0.35	0.010	mg/Kg	☼	10/01/25 20:32	10/02/25 12:53	1
Benzo[k]fluoranthene	0.035	U	0.035	0.0068	mg/Kg	☼	10/01/25 20:32	10/02/25 12:53	1
Bis(2-chloroethoxy)methane	0.35	U	0.35	0.064	mg/Kg	☼	10/01/25 20:32	10/02/25 12:53	1
Bis(2-chloroethyl)ether	0.035	U	0.035	0.012	mg/Kg	☼	10/01/25 20:32	10/02/25 12:53	1
Bis(2-ethylhexyl) phthalate	0.35	U	0.35	0.018	mg/Kg	☼	10/01/25 20:32	10/02/25 12:53	1
Butyl benzyl phthalate	0.35	U	0.35	0.016	mg/Kg	☼	10/01/25 20:32	10/02/25 12:53	1
Caprolactam	0.35	U	0.35	0.054	mg/Kg	☼	10/01/25 20:32	10/02/25 12:53	1
Carbazole	0.35	U	0.35	0.013	mg/Kg	☼	10/01/25 20:32	10/02/25 12:53	1
Chrysene	0.35	U	0.35	0.015	mg/Kg	☼	10/01/25 20:32	10/02/25 12:53	1
Dibenz(a,h)anthracene	0.035	U	0.035	0.015	mg/Kg	☼	10/01/25 20:32	10/02/25 12:53	1
Dibenzofuran	0.35	U	0.35	0.012	mg/Kg	☼	10/01/25 20:32	10/02/25 12:53	1

Client Sample ID: 56C_3-6
Date Collected: 09/30/25 13:00
Date Received: 09/30/25 16:15

Lab Sample ID: 460-336081-12
Matrix: Solid
Percent Solids: 93.8

Method: SW846 8270E - Semivolatile Organic Compounds (GC/MS) (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Diethyl phthalate	0.35	U	0.35	0.011	mg/Kg	☼	10/01/25 20:32	10/02/25 12:53	1
Dimethyl phthalate	0.35	U	0.35	0.079	mg/Kg	☼	10/01/25 20:32	10/02/25 12:53	1
Di-n-butyl phthalate	0.35	U	0.35	0.013	mg/Kg	☼	10/01/25 20:32	10/02/25 12:53	1
Di-n-octyl phthalate	0.35	U	0.35	0.018	mg/Kg	☼	10/01/25 20:32	10/02/25 12:53	1
Fluoranthene	0.35	U	0.35	0.012	mg/Kg	☼	10/01/25 20:32	10/02/25 12:53	1
Fluorene	0.35	U	0.35	0.010	mg/Kg	☼	10/01/25 20:32	10/02/25 12:53	1
Hexachlorobenzene	0.035	U	0.035	0.017	mg/Kg	☼	10/01/25 20:32	10/02/25 12:53	1
Hexachlorobutadiene	0.071	U	0.071	0.0074	mg/Kg	☼	10/01/25 20:32	10/02/25 12:53	1
Hexachlorocyclopentadiene	0.35	U	0.35	0.031	mg/Kg	☼	10/01/25 20:32	10/02/25 12:53	1
Hexachloroethane	0.035	U	0.035	0.012	mg/Kg	☼	10/01/25 20:32	10/02/25 12:53	1
Indeno[1,2,3-cd]pyrene	0.035	U	0.035	0.014	mg/Kg	☼	10/01/25 20:32	10/02/25 12:53	1
Isophorone	0.14	U	0.14	0.10	mg/Kg	☼	10/01/25 20:32	10/02/25 12:53	1
Naphthalene	0.35	U	0.35	0.0060	mg/Kg	☼	10/01/25 20:32	10/02/25 12:53	1
Nitrobenzene	0.035	U	0.035	0.019	mg/Kg	☼	10/01/25 20:32	10/02/25 12:53	1
N-Nitrosodi-n-propylamine	0.035	U	0.035	0.025	mg/Kg	☼	10/01/25 20:32	10/02/25 12:53	1
N-Nitrosodiphenylamine	0.35	U	0.35	0.029	mg/Kg	☼	10/01/25 20:32	10/02/25 12:53	1
Pentachlorophenol	0.28	U	0.28	0.071	mg/Kg	☼	10/01/25 20:32	10/02/25 12:53	1
Phenanthrene	0.35	U	0.35	0.014	mg/Kg	☼	10/01/25 20:32	10/02/25 12:53	1
Phenol	0.35	U	0.35	0.013	mg/Kg	☼	10/01/25 20:32	10/02/25 12:53	1
Pyrene	0.35	U	0.35	0.0087	mg/Kg	☼	10/01/25 20:32	10/02/25 12:53	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
2,4,6-Tribromophenol (Surr)	*67*		*18 - 137*	*10/01/25 20:32*	*10/02/25 12:53*	*1*
2-Fluorobiphenyl	*66*		*33 - 117*	*10/01/25 20:32*	*10/02/25 12:53*	*1*
2-Fluorophenol (Surr)	*64*		*24 - 120*	*10/01/25 20:32*	*10/02/25 12:53*	*1*
Nitrobenzene-d5 (Surr)	*63*		*27 - 120*	*10/01/25 20:32*	*10/02/25 12:53*	*1*
Phenol-d5 (Surr)	*65*		*28 - 118*	*10/01/25 20:32*	*10/02/25 12:53*	*1*
Terphenyl-d14 (Surr)	*81*		*33 - 124*	*10/01/25 20:32*	*10/02/25 12:53*	*1*

Method: SW846 8081B - Organochlorine Pesticides (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
4,4'-DDD	0.0071	U	0.0071	0.0012	mg/Kg	☼	10/01/25 16:50	10/02/25 09:27	1
4,4'-DDE	0.0071	U	0.0071	0.00084	mg/Kg	☼	10/01/25 16:50	10/02/25 09:27	1
4,4'-DDT	0.0071	U	0.0071	0.0013	mg/Kg	☼	10/01/25 16:50	10/02/25 09:27	1
Aldrin	0.0071	U	0.0071	0.0011	mg/Kg	☼	10/01/25 16:50	10/02/25 09:27	1
alpha-BHC	0.0021	U	0.0021	0.00072	mg/Kg	☼	10/01/25 16:50	10/02/25 09:27	1
beta-BHC	0.0021	U	0.0021	0.00080	mg/Kg	☼	10/01/25 16:50	10/02/25 09:27	1
Chlordane (technical)	0.071	U	0.071	0.017	mg/Kg	☼	10/01/25 16:50	10/02/25 09:27	1
cis-Chlordane	0.0071	U	0.0071	0.0011	mg/Kg	☼	10/01/25 16:50	10/02/25 09:27	1
delta-BHC	0.0021	U	0.0021	0.00044	mg/Kg	☼	10/01/25 16:50	10/02/25 09:27	1
Dieldrin	0.0021	U	0.0021	0.00093	mg/Kg	☼	10/01/25 16:50	10/02/25 09:27	1
Endosulfan I	0.0071	U	0.0071	0.0011	mg/Kg	☼	10/01/25 16:50	10/02/25 09:27	1
Endosulfan II	0.0071	U	0.0071	0.0018	mg/Kg	☼	10/01/25 16:50	10/02/25 09:27	1
Endosulfan sulfate	0.0071	U	0.0071	0.00090	mg/Kg	☼	10/01/25 16:50	10/02/25 09:27	1
Endrin	0.0071	U	0.0071	0.0010	mg/Kg	☼	10/01/25 16:50	10/02/25 09:27	1
Endrin aldehyde	0.0071	U	0.0071	0.0017	mg/Kg	☼	10/01/25 16:50	10/02/25 09:27	1
Endrin ketone	0.0071	U	0.0071	0.0014	mg/Kg	☼	10/01/25 16:50	10/02/25 09:27	1
gamma-BHC (Lindane)	0.0021	U	0.0021	0.00066	mg/Kg	☼	10/01/25 16:50	10/02/25 09:27	1
Heptachlor	0.0071	U	0.0071	0.00084	mg/Kg	☼	10/01/25 16:50	10/02/25 09:27	1
Heptachlor epoxide	0.0071	U	0.0071	0.0011	mg/Kg	☼	10/01/25 16:50	10/02/25 09:27	1

Client Sample ID: 56C_3-6
Date Collected: 09/30/25 13:00
Date Received: 09/30/25 16:15

Lab Sample ID: 460-336081-12
Matrix: Solid
Percent Solids: 93.8

Method: SW846 8081B - Organochlorine Pesticides (GC) (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Methoxychlor	0.0071	U	0.0071	0.0016	mg/Kg	☼	10/01/25 16:50	10/02/25 09:27	1
Toxaphene	0.071	U	0.071	0.026	mg/Kg	☼	10/01/25 16:50	10/02/25 09:27	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
DCB Decachlorobiphenyl	*91*		*10 - 150*	*10/01/25 16:50*	*10/02/25 09:27*	*1*
DCB Decachlorobiphenyl	*108*		*10 - 150*	*10/01/25 16:50*	*10/02/25 09:27*	*1*
Tetrachloro-m-xylene	*91*		*14 - 150*	*10/01/25 16:50*	*10/02/25 09:27*	*1*
Tetrachloro-m-xylene	*88*		*14 - 150*	*10/01/25 16:50*	*10/02/25 09:27*	*1*

Method: SW846 8082A - Polychlorinated Biphenyls (PCBs) by Gas Chromatography

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Aroclor 1016	0.071	U	0.071	0.019	mg/Kg	☼	10/01/25 16:38	10/02/25 20:38	1
Aroclor 1221	0.071	U	0.071	0.019	mg/Kg	☼	10/01/25 16:38	10/02/25 20:38	1
Aroclor 1232	0.071	U	0.071	0.019	mg/Kg	☼	10/01/25 16:38	10/02/25 20:38	1
Aroclor 1242	0.071	U	0.071	0.019	mg/Kg	☼	10/01/25 16:38	10/02/25 20:38	1
Aroclor 1248	0.071	U	0.071	0.019	mg/Kg	☼	10/01/25 16:38	10/02/25 20:38	1
Aroclor 1254	0.071	U	0.071	0.019	mg/Kg	☼	10/01/25 16:38	10/02/25 20:38	1
Aroclor 1260	0.071	U	0.071	0.019	mg/Kg	☼	10/01/25 16:38	10/02/25 20:38	1
Aroclor-1262	0.071	U	0.071	0.019	mg/Kg	☼	10/01/25 16:38	10/02/25 20:38	1
Aroclor 1268	0.071	U	0.071	0.019	mg/Kg	☼	10/01/25 16:38	10/02/25 20:38	1
Polychlorinated biphenyls, Total	0.071	U	0.071	0.019	mg/Kg	☼	10/01/25 16:38	10/02/25 20:38	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
DCB Decachlorobiphenyl	*158*	*	*10 - 150*	*10/01/25 16:38*	*10/02/25 20:38*	*1*
DCB Decachlorobiphenyl	*160*	*	*10 - 150*	*10/01/25 16:38*	*10/02/25 20:38*	*1*
Tetrachloro-m-xylene	*156*	*	*10 - 150*	*10/01/25 16:38*	*10/02/25 20:38*	*1*
Tetrachloro-m-xylene	*163*	*	*10 - 150*	*10/01/25 16:38*	*10/02/25 20:38*	*1*

Method: EPA 1633A - Per- and Polyfluoroalkyl Substances by LC/MS/MS, 1633A

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Perfluorobutanoic acid (PFBA)	0.40	U	0.40	0.099	ug/Kg	☼	10/06/25 07:17	10/07/25 18:50	1
Perfluoropentanoic acid (PFPeA)	0.20	U	0.20	0.099	ug/Kg	☼	10/06/25 07:17	10/07/25 18:50	1
Perfluorohexanoic acid (PFHxA)	0.20	U	0.20	0.099	ug/Kg	☼	10/06/25 07:17	10/07/25 18:50	1
Perfluoroheptanoic acid (PFHpA)	0.20	U	0.20	0.099	ug/Kg	☼	10/06/25 07:17	10/07/25 18:50	1
Perfluorooctanoic acid (PFOA)	**0.28**		0.20	0.059	ug/Kg	☼	10/06/25 07:17	10/07/25 18:50	1
Perfluorononanoic acid (PFNA)	**0.20**		0.20	0.099	ug/Kg	☼	10/06/25 07:17	10/07/25 18:50	1
Perfluorodecanoic acid (PFDA)	**0.13**	**J**	0.20	0.059	ug/Kg	☼	10/06/25 07:17	10/07/25 18:50	1
Perfluoroundecanoic acid (PFUnA)	**0.31**		0.20	0.099	ug/Kg	☼	10/06/25 07:17	10/07/25 18:50	1
Perfluorododecanoic acid (PFDoA)	0.20	U	0.20	0.099	ug/Kg	☼	10/06/25 07:17	10/07/25 18:50	1
Perfluorotridecanoic acid (PFTrDA)	**0.16**	**J**	0.20	0.099	ug/Kg	☼	10/06/25 07:17	10/07/25 18:50	1
Perfluorotetradecanoic acid (PFTeDA)	0.20	U	0.20	0.099	ug/Kg	☼	10/06/25 07:17	10/07/25 18:50	1
Perfluorobutanesulfonic acid (PFBS)	0.20	U	0.20	0.099	ug/Kg	☼	10/06/25 07:17	10/07/25 18:50	1
Perfluoropentanesulfonic acid (PFPeS)	0.20	U	0.20	0.099	ug/Kg	☼	10/06/25 07:17	10/07/25 18:50	1
Perfluorohexanesulfonic acid (PFHxS)	0.20	U	0.20	0.099	ug/Kg	☼	10/06/25 07:17	10/07/25 18:50	1
Perfluoroheptanesulfonic acid (PFHpS)	0.20	U	0.20	0.099	ug/Kg	☼	10/06/25 07:17	10/07/25 18:50	1
Perfluorooctanesulfonic acid (PFOS)	0.20	U	0.20	0.099	ug/Kg	☼	10/06/25 07:17	10/07/25 18:50	1
Perfluorononanesulfonic acid (PFNS)	0.20	U	0.20	0.099	ug/Kg	☼	10/06/25 07:17	10/07/25 18:50	1

Client Sample ID: 56C_3-6
Date Collected: 09/30/25 13:00
Date Received: 09/30/25 16:15

Lab Sample ID: 460-336081-12
Matrix: Solid
Percent Solids: 93.8

Method: EPA 1633A - Per- and Polyfluoroalkyl Substances by LC/MS/MS, 1633A (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Perfluorodecanesulfonic acid (PFDS)	0.20	U	0.20	0.099	ug/Kg	☼	10/06/25 07:17	10/07/25 18:50	1
Perfluorododecanesulfonic acid (PFDoS)	0.20	U	0.20	0.099	ug/Kg	☼	10/06/25 07:17	10/07/25 18:50	1
1H,1H,2H,2H-Perfluorohexane sulfonic acid (4:2 FTS)	0.40	U	0.40	0.20	ug/Kg	☼	10/06/25 07:17	10/07/25 18:50	1
1H,1H,2H,2H-Perfluorooctane sulfonic acid (6:2 FTS)	0.40	U	0.40	0.20	ug/Kg	☼	10/06/25 07:17	10/07/25 18:50	1
1H,1H,2H,2H-Perfluorodecane sulfonic acid (8:2 FTS)	0.40	U	0.40	0.20	ug/Kg	☼	10/06/25 07:17	10/07/25 18:50	1
Perfluorooctanesulfonamide (PFOSA)	0.20	U	0.20	0.099	ug/Kg	☼	10/06/25 07:17	10/07/25 18:50	1
N-methylperfluorooctane sulfonamide (NMeFOSA)	0.20	U	0.20	0.099	ug/Kg	☼	10/06/25 07:17	10/07/25 18:50	1
N-ethylperfluorooctane sulfonamide (NEtFOSA)	0.20	U	0.20	0.099	ug/Kg	☼	10/06/25 07:17	10/07/25 18:50	1
N-methylperfluorooctanesulfonamidoacetic acid (NMeFOSAA)	0.20	U	0.20	0.099	ug/Kg	☼	10/06/25 07:17	10/07/25 18:50	1
N-ethylperfluorooctanesulfonamidoacetic acid (NEtFOSAA)	0.20	U	0.20	0.099	ug/Kg	☼	10/06/25 07:17	10/07/25 18:50	1
N-methylperfluorooctane sulfonamidoethanol (NMeFOSE)	0.99	U	0.99	0.50	ug/Kg	☼	10/06/25 07:17	10/07/25 18:50	1
N-ethylperfluorooctane sulfonamidoethanol (NEtFOSE)	0.99	U	0.99	0.50	ug/Kg	☼	10/06/25 07:17	10/07/25 18:50	1
Hexafluoropropylene Oxide Dimer Acid (HFPO-DA)	0.20	U	0.20	0.099	ug/Kg	☼	10/06/25 07:17	10/07/25 18:50	1
4,8-Dioxa-3H-perfluorononanoic acid (ADONA)	0.20	U	0.20	0.099	ug/Kg	☼	10/06/25 07:17	10/07/25 18:50	1
Perfluoro-3-methoxypropanoic acid (PFMPA)	0.20	U	0.20	0.099	ug/Kg	☼	10/06/25 07:17	10/07/25 18:50	1
Perfluoro-4-methoxybutanoic acid (PFMBA)	0.20	U	0.20	0.099	ug/Kg	☼	10/06/25 07:17	10/07/25 18:50	1
Nonafluoro-3,6-dioxaheptanoic acid (NFDHA)	0.20	U	0.20	0.099	ug/Kg	☼	10/06/25 07:17	10/07/25 18:50	1
9-Chlorohexadecafluoro-3-oxanonane-1-sulfonic acid (9Cl-PF3ONS)	0.20	U	0.20	0.099	ug/Kg	☼	10/06/25 07:17	10/07/25 18:50	1
11-Chloroeicosafluoro-3-oxaundecane-1-sulfonic acid (11Cl-PF3OUdS)	0.20	U	0.20	0.099	ug/Kg	☼	10/06/25 07:17	10/07/25 18:50	1
Perfluoro (2-ethoxyethane) sulfonic acid (PFEESA)	0.20	U	0.20	0.099	ug/Kg	☼	10/06/25 07:17	10/07/25 18:50	1
3-Perfluoropropylpropanoic acid (3:3 FTCA)	0.40	U	0.40	0.20	ug/Kg	☼	10/06/25 07:17	10/07/25 18:50	1
3-Perfluoropentylpropanoic acid (5:3 FTCA)	0.99	U	0.99	0.50	ug/Kg	☼	10/06/25 07:17	10/07/25 18:50	1
3-Perfluoroheptylpropanoic acid (7:3 FTCA)	0.99	U	0.99	0.50	ug/Kg	☼	10/06/25 07:17	10/07/25 18:50	1

Isotope Dilution	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
13C4 PFBA	*95.0*		*8 - 130*	*10/06/25 07:17*	*10/07/25 18:50*	*1*
13C5 PFPeA	*97.8*		*35 - 130*	*10/06/25 07:17*	*10/07/25 18:50*	*1*
13C5 PFHxA	*91.4*		*40 - 130*	*10/06/25 07:17*	*10/07/25 18:50*	*1*
13C4 PFHpA	*98.4*		*40 - 130*	*10/06/25 07:17*	*10/07/25 18:50*	*1*
13C8 PFOA	*90.5*		*40 - 130*	*10/06/25 07:17*	*10/07/25 18:50*	*1*
13C9 PFNA	*93.2*		*40 - 130*	*10/06/25 07:17*	*10/07/25 18:50*	*1*
13C6 PFDA	*90.5*		*40 - 130*	*10/06/25 07:17*	*10/07/25 18:50*	*1*
13C7 PFUnA	*81.4*		*40 - 130*	*10/06/25 07:17*	*10/07/25 18:50*	*1*
13C2 PFTeDA	*52.8*		*20 - 130*	*10/06/25 07:17*	*10/07/25 18:50*	*1*

Client Sample ID: 56C_3-6

Date Collected: 09/30/25 13:00
Date Received: 09/30/25 16:15

Lab Sample ID: 460-336081-12

Matrix: Solid
Percent Solids: 93.8

Method: EPA 1633A - Per- and Polyfluoroalkyl Substances by LC/MS/MS, 1633A (Continued)

Isotope Dilution	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
13C3 PFBS	94.2		40 - 135	10/06/25 07:17	10/07/25 18:50	1
13C3 PFHxS	92.4		40 - 130	10/06/25 07:17	10/07/25 18:50	1
13C8 PFOS	91.4		40 - 130	10/06/25 07:17	10/07/25 18:50	1
13C8 FOSA	81.1		40 - 130	10/06/25 07:17	10/07/25 18:50	1
d3-NMeFOSAA	77.5		40 - 135	10/06/25 07:17	10/07/25 18:50	1
d5-NEtFOSAA	71.3		40 - 150	10/06/25 07:17	10/07/25 18:50	1
13C2 4:2 FTS	126		40 - 165	10/06/25 07:17	10/07/25 18:50	1
13C2 6:2 FTS	106		40 - 215	10/06/25 07:17	10/07/25 18:50	1
13C2 8:2 FTS	89.7		40 - 275	10/06/25 07:17	10/07/25 18:50	1
13C3 HFPO-DA	97.8		40 - 130	10/06/25 07:17	10/07/25 18:50	1
d7-N-MeFOSE-M	69.8		20 - 130	10/06/25 07:17	10/07/25 18:50	1
d9-N-EtFOSE-M	62.9		15 - 130	10/06/25 07:17	10/07/25 18:50	1
d5-NEtPFOSA	71.5		10 - 130	10/06/25 07:17	10/07/25 18:50	1
d3-NMePFOSA	75.8		10 - 130	10/06/25 07:17	10/07/25 18:50	1
13C2 PFDoA	80.7		40 - 130	10/06/25 07:17	10/07/25 18:50	1

Method: SW846 6020B - Metals (ICP/MS)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Aluminum	4360		21.3	5.9	mg/Kg	☼	10/06/25 07:14	10/06/25 18:35	1
Antimony	0.91	J	1.1	0.16	mg/Kg	☼	10/06/25 07:14	10/06/25 18:35	1
Arsenic	6.2		1.1	0.11	mg/Kg	☼	10/06/25 07:14	10/06/25 18:35	1
Barium	34.5		2.1	0.15	mg/Kg	☼	10/06/25 07:14	10/06/25 18:35	1
Beryllium	0.52		0.43	0.023	mg/Kg	☼	10/06/25 07:14	10/06/25 18:35	1
Cadmium	1.1	U	1.1	0.12	mg/Kg	☼	10/06/25 07:14	10/06/25 18:35	1
Calcium	809		107	10.4	mg/Kg	☼	10/06/25 07:14	10/06/25 18:35	1
Chromium	16.9		2.1	0.32	mg/Kg	☼	10/06/25 07:14	10/06/25 18:35	1
Cobalt	7.4		1.1	0.16	mg/Kg	☼	10/06/25 07:14	10/06/25 18:35	1
Copper	51.9		2.1	0.39	mg/Kg	☼	10/06/25 07:14	10/06/25 18:35	1
Iron	13500		63.9	8.2	mg/Kg	☼	10/06/25 07:14	10/06/25 18:35	1
Lead	92.7		0.64	0.21	mg/Kg	☼	10/06/25 07:14	10/06/25 18:35	1
Magnesium	848		107	10.9	mg/Kg	☼	10/06/25 07:14	10/06/25 18:35	1
Manganese	74.2		4.3	0.43	mg/Kg	☼	10/06/25 07:14	10/06/25 18:35	1
Nickel	21.2		2.1	0.19	mg/Kg	☼	10/06/25 07:14	10/06/25 18:35	1
Potassium	629		107	17.3	mg/Kg	☼	10/06/25 07:14	10/06/25 18:35	1
Selenium	0.70	J	1.3	0.14	mg/Kg	☼	10/06/25 07:14	10/06/25 18:35	1
Silver	0.17	J	0.43	0.095	mg/Kg	☼	10/06/25 07:14	10/06/25 18:35	1
Sodium	100	J	107	48.7	mg/Kg	☼	10/06/25 07:14	10/06/25 18:35	1
Thallium	0.051	J	0.43	0.044	mg/Kg	☼	10/06/25 07:14	10/06/25 18:35	1
Vanadium	18.1		2.1	0.22	mg/Kg	☼	10/06/25 07:14	10/06/25 18:35	1
Zinc	136		8.5	1.2	mg/Kg	☼	10/06/25 07:14	10/06/25 18:35	1

Method: SW846 7471B - Mercury (CVAA)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	0.016		0.016	0.0076	mg/Kg	☼	10/06/25 02:16	10/06/25 12:41	1

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Percent Moisture (EPA Moisture)	6.2		1.0	1.0	%			10/05/25 11:24	1
Percent Solids (EPA Moisture)	93.8		1.0	1.0	%			10/05/25 11:24	1

Client Sample ID: 56D_0-3
Date Collected: 09/30/25 13:05
Date Received: 09/30/25 16:15

Lab Sample ID: 460-336081-13
Matrix: Solid
Percent Solids: 95.0

Method: SW846 8270E - Semivolatile Organic Compounds (GC/MS)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1'-Biphenyl	0.35	U	0.35	0.012	mg/Kg	☼	10/01/25 20:32	10/02/25 13:15	1
1,2,4,5-Tetrachlorobenzene	0.35	U	0.35	0.011	mg/Kg	☼	10/01/25 20:32	10/02/25 13:15	1
1,4-Dioxane	0.035	U	0.035	0.030	mg/Kg	☼	10/01/25 20:32	10/02/25 13:15	1
2,2'-oxybis[1-chloropropane]	0.35	U	0.35	0.021	mg/Kg	☼	10/01/25 20:32	10/02/25 13:15	1
2,3,4,6-Tetrachlorophenol	0.35	U	0.35	0.024	mg/Kg	☼	10/01/25 20:32	10/02/25 13:15	1
2,4,5-Trichlorophenol	0.35	U	0.35	0.035	mg/Kg	☼	10/01/25 20:32	10/02/25 13:15	1
2,4,6-Trichlorophenol	0.14	U	0.14	0.045	mg/Kg	☼	10/01/25 20:32	10/02/25 13:15	1
2,4-Dichlorophenol	0.14	U	0.14	0.022	mg/Kg	☼	10/01/25 20:32	10/02/25 13:15	1
2,4-Dimethylphenol	0.35	U	0.35	0.042	mg/Kg	☼	10/01/25 20:32	10/02/25 13:15	1
2,4-Dinitrophenol	0.28	U	0.28	0.17	mg/Kg	☼	10/01/25 20:32	10/02/25 13:15	1
2,4-Dinitrotoluene	0.070	U	0.070	0.037	mg/Kg	☼	10/01/25 20:32	10/02/25 13:15	1
2,6-Dinitrotoluene	0.070	U	0.070	0.025	mg/Kg	☼	10/01/25 20:32	10/02/25 13:15	1
2-Chloronaphthalene	0.35	U	0.35	0.045	mg/Kg	☼	10/01/25 20:32	10/02/25 13:15	1
2-Chlorophenol	0.35	U	0.35	0.012	mg/Kg	☼	10/01/25 20:32	10/02/25 13:15	1
2-Methylnaphthalene	0.35	U	0.35	0.0097	mg/Kg	☼	10/01/25 20:32	10/02/25 13:15	1
2-Methylphenol	0.35	U	0.35	0.013	mg/Kg	☼	10/01/25 20:32	10/02/25 13:15	1
2-Nitroaniline	0.35	U	0.35	0.027	mg/Kg	☼	10/01/25 20:32	10/02/25 13:15	1
2-Nitrophenol	0.35	U	0.35	0.035	mg/Kg	☼	10/01/25 20:32	10/02/25 13:15	1
3 & 4 Methylphenol	0.35	U	0.35	0.022	mg/Kg	☼	10/01/25 20:32	10/02/25 13:15	1
3,3'-Dichlorobenzidine	0.14	U	0.14	0.053	mg/Kg	☼	10/01/25 20:32	10/02/25 13:15	1
3-Nitroaniline	0.35	U	0.35	0.083	mg/Kg	☼	10/01/25 20:32	10/02/25 13:15	1
4,6-Dinitro-2-methylphenol	0.28	U	0.28	0.14	mg/Kg	☼	10/01/25 20:32	10/02/25 13:15	1
4-Bromophenyl phenyl ether	0.35	U	0.35	0.014	mg/Kg	☼	10/01/25 20:32	10/02/25 13:15	1
4-Chloro-3-methylphenol	0.35	U	0.35	0.020	mg/Kg	☼	10/01/25 20:32	10/02/25 13:15	1
4-Chloroaniline	0.35	U	0.35	0.062	mg/Kg	☼	10/01/25 20:32	10/02/25 13:15	1
4-Chlorophenyl phenyl ether	0.35	U	0.35	0.012	mg/Kg	☼	10/01/25 20:32	10/02/25 13:15	1
4-Methylphenol	0.35	U	0.35	0.022	mg/Kg	☼	10/01/25 20:32	10/02/25 13:15	1
4-Nitroaniline	0.35	U	0.35	0.088	mg/Kg	☼	10/01/25 20:32	10/02/25 13:15	1
4-Nitrophenol	0.70	U	0.70	0.057	mg/Kg	☼	10/01/25 20:32	10/02/25 13:15	1
Acenaphthene	0.35	U	0.35	0.0099	mg/Kg	☼	10/01/25 20:32	10/02/25 13:15	1
Acenaphthylene	0.35	U	0.35	0.0099	mg/Kg	☼	10/01/25 20:32	10/02/25 13:15	1
Acetophenone	0.35	U	0.35	0.017	mg/Kg	☼	10/01/25 20:32	10/02/25 13:15	1
Anthracene	0.35	U	0.35	0.011	mg/Kg	☼	10/01/25 20:32	10/02/25 13:15	1
Atrazine	0.14	U	0.14	0.020	mg/Kg	☼	10/01/25 20:32	10/02/25 13:15	1
Benzaldehyde	0.35	U	0.35	0.058	mg/Kg	☼	10/01/25 20:32	10/02/25 13:15	1
Benzo[a]anthracene	0.035	U	0.035	0.026	mg/Kg	☼	10/01/25 20:32	10/02/25 13:15	1
Benzo[a]pyrene	0.035	U	0.035	0.0093	mg/Kg	☼	10/01/25 20:32	10/02/25 13:15	1
Benzo[b]fluoranthene	0.035	U	0.035	0.0090	mg/Kg	☼	10/01/25 20:32	10/02/25 13:15	1
Benzo[g,h,i]perylene	0.35	U	0.35	0.010	mg/Kg	☼	10/01/25 20:32	10/02/25 13:15	1
Benzo[k]fluoranthene	0.035	U	0.035	0.0068	mg/Kg	☼	10/01/25 20:32	10/02/25 13:15	1
Bis(2-chloroethoxy)methane	0.35	U	0.35	0.064	mg/Kg	☼	10/01/25 20:32	10/02/25 13:15	1
Bis(2-chloroethyl)ether	0.035	U	0.035	0.012	mg/Kg	☼	10/01/25 20:32	10/02/25 13:15	1
Bis(2-ethylhexyl) phthalate	0.35	U	0.35	0.018	mg/Kg	☼	10/01/25 20:32	10/02/25 13:15	1
Butyl benzyl phthalate	0.35	U	0.35	0.016	mg/Kg	☼	10/01/25 20:32	10/02/25 13:15	1
Caprolactam	0.35	U	0.35	0.054	mg/Kg	☼	10/01/25 20:32	10/02/25 13:15	1
Carbazole	0.35	U	0.35	0.013	mg/Kg	☼	10/01/25 20:32	10/02/25 13:15	1
Chrysene	0.35	U	0.35	0.015	mg/Kg	☼	10/01/25 20:32	10/02/25 13:15	1
Dibenz(a,h)anthracene	0.035	U	0.035	0.015	mg/Kg	☼	10/01/25 20:32	10/02/25 13:15	1
Dibenzofuran	0.35	U	0.35	0.012	mg/Kg	☼	10/01/25 20:32	10/02/25 13:15	1

Client Sample ID: 56D_0-3
Date Collected: 09/30/25 13:05
Date Received: 09/30/25 16:15

Lab Sample ID: 460-336081-13
Matrix: Solid
Percent Solids: 95.0

Method: SW846 8270E - Semivolatile Organic Compounds (GC/MS) (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Diethyl phthalate	0.35	U	0.35	0.011	mg/Kg	☼	10/01/25 20:32	10/02/25 13:15	1
Dimethyl phthalate	0.35	U	0.35	0.079	mg/Kg	☼	10/01/25 20:32	10/02/25 13:15	1
Di-n-butyl phthalate	0.35	U	0.35	0.013	mg/Kg	☼	10/01/25 20:32	10/02/25 13:15	1
Di-n-octyl phthalate	0.35	U	0.35	0.018	mg/Kg	☼	10/01/25 20:32	10/02/25 13:15	1
Fluoranthene	0.35	U	0.35	0.012	mg/Kg	☼	10/01/25 20:32	10/02/25 13:15	1
Fluorene	0.35	U	0.35	0.010	mg/Kg	☼	10/01/25 20:32	10/02/25 13:15	1
Hexachlorobenzene	0.035	U	0.035	0.017	mg/Kg	☼	10/01/25 20:32	10/02/25 13:15	1
Hexachlorobutadiene	0.070	U	0.070	0.0074	mg/Kg	☼	10/01/25 20:32	10/02/25 13:15	1
Hexachlorocyclopentadiene	0.35	U	0.35	0.031	mg/Kg	☼	10/01/25 20:32	10/02/25 13:15	1
Hexachloroethane	0.035	U	0.035	0.012	mg/Kg	☼	10/01/25 20:32	10/02/25 13:15	1
Indeno[1,2,3-cd]pyrene	0.035	U	0.035	0.014	mg/Kg	☼	10/01/25 20:32	10/02/25 13:15	1
Isophorone	0.14	U	0.14	0.10	mg/Kg	☼	10/01/25 20:32	10/02/25 13:15	1
Naphthalene	0.35	U	0.35	0.0060	mg/Kg	☼	10/01/25 20:32	10/02/25 13:15	1
Nitrobenzene	0.035	U	0.035	0.019	mg/Kg	☼	10/01/25 20:32	10/02/25 13:15	1
N-Nitrosodi-n-propylamine	0.035	U	0.035	0.025	mg/Kg	☼	10/01/25 20:32	10/02/25 13:15	1
N-Nitrosodiphenylamine	0.35	U	0.35	0.029	mg/Kg	☼	10/01/25 20:32	10/02/25 13:15	1
Pentachlorophenol	0.28	U	0.28	0.071	mg/Kg	☼	10/01/25 20:32	10/02/25 13:15	1
Phenanthrene	0.35	U	0.35	0.014	mg/Kg	☼	10/01/25 20:32	10/02/25 13:15	1
Phenol	0.35	U	0.35	0.013	mg/Kg	☼	10/01/25 20:32	10/02/25 13:15	1
Pyrene	0.35	U	0.35	0.0087	mg/Kg	☼	10/01/25 20:32	10/02/25 13:15	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
2,4,6-Tribromophenol (Surr)	*65*		*18 - 137*	*10/01/25 20:32*	*10/02/25 13:15*	*1*
2-Fluorobiphenyl	*68*		*33 - 117*	*10/01/25 20:32*	*10/02/25 13:15*	*1*
2-Fluorophenol (Surr)	*68*		*24 - 120*	*10/01/25 20:32*	*10/02/25 13:15*	*1*
Nitrobenzene-d5 (Surr)	*68*		*27 - 120*	*10/01/25 20:32*	*10/02/25 13:15*	*1*
Phenol-d5 (Surr)	*68*		*28 - 118*	*10/01/25 20:32*	*10/02/25 13:15*	*1*
Terphenyl-d14 (Surr)	*79*		*33 - 124*	*10/01/25 20:32*	*10/02/25 13:15*	*1*

Method: SW846 8081B - Organochlorine Pesticides (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
4,4'-DDD	0.0071	U	0.0071	0.0012	mg/Kg	☼	10/01/25 16:50	10/02/25 09:39	1
4,4'-DDE	0.0071	U	0.0071	0.00083	mg/Kg	☼	10/01/25 16:50	10/02/25 09:39	1
4,4'-DDT	0.0071	U	0.0071	0.0013	mg/Kg	☼	10/01/25 16:50	10/02/25 09:39	1
Aldrin	0.0071	U	0.0071	0.0011	mg/Kg	☼	10/01/25 16:50	10/02/25 09:39	1
alpha-BHC	0.0021	U	0.0021	0.00072	mg/Kg	☼	10/01/25 16:50	10/02/25 09:39	1
beta-BHC	0.0021	U	0.0021	0.00079	mg/Kg	☼	10/01/25 16:50	10/02/25 09:39	1
Chlordane (technical)	0.071	U	0.071	0.017	mg/Kg	☼	10/01/25 16:50	10/02/25 09:39	1
cis-Chlordane	0.0071	U	0.0071	0.0011	mg/Kg	☼	10/01/25 16:50	10/02/25 09:39	1
delta-BHC	0.0021	U	0.0021	0.00043	mg/Kg	☼	10/01/25 16:50	10/02/25 09:39	1
Dieldrin	0.0021	U	0.0021	0.00092	mg/Kg	☼	10/01/25 16:50	10/02/25 09:39	1
Endosulfan I	0.0071	U	0.0071	0.0011	mg/Kg	☼	10/01/25 16:50	10/02/25 09:39	1
Endosulfan II	0.0071	U	0.0071	0.0018	mg/Kg	☼	10/01/25 16:50	10/02/25 09:39	1
Endosulfan sulfate	0.0071	U	0.0071	0.00088	mg/Kg	☼	10/01/25 16:50	10/02/25 09:39	1
Endrin	0.0071	U	0.0071	0.0010	mg/Kg	☼	10/01/25 16:50	10/02/25 09:39	1
Endrin aldehyde	0.0071	U	0.0071	0.0017	mg/Kg	☼	10/01/25 16:50	10/02/25 09:39	1
Endrin ketone	0.0071	U	0.0071	0.0014	mg/Kg	☼	10/01/25 16:50	10/02/25 09:39	1
gamma-BHC (Lindane)	0.0021	U	0.0021	0.00065	mg/Kg	☼	10/01/25 16:50	10/02/25 09:39	1
Heptachlor	0.0071	U	0.0071	0.00083	mg/Kg	☼	10/01/25 16:50	10/02/25 09:39	1
Heptachlor epoxide	0.0071	U	0.0071	0.0011	mg/Kg	☼	10/01/25 16:50	10/02/25 09:39	1

Client Sample ID: 56D_0-3
Date Collected: 09/30/25 13:05
Date Received: 09/30/25 16:15

Lab Sample ID: 460-336081-13
Matrix: Solid
Percent Solids: 95.0

Method: SW846 8081B - Organochlorine Pesticides (GC) (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Methoxychlor	0.0071	U	0.0071	0.0016	mg/Kg	☼	10/01/25 16:50	10/02/25 09:39	1
Toxaphene	0.071	U	0.071	0.025	mg/Kg	☼	10/01/25 16:50	10/02/25 09:39	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
DCB Decachlorobiphenyl	*103*		*10 - 150*	*10/01/25 16:50*	*10/02/25 09:39*	*1*
DCB Decachlorobiphenyl	*123*		*10 - 150*	*10/01/25 16:50*	*10/02/25 09:39*	*1*
Tetrachloro-m-xylene	*102*		*14 - 150*	*10/01/25 16:50*	*10/02/25 09:39*	*1*
Tetrachloro-m-xylene	*99*		*14 - 150*	*10/01/25 16:50*	*10/02/25 09:39*	*1*

Method: SW846 8082A - Polychlorinated Biphenyls (PCBs) by Gas Chromatography

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Aroclor 1016	0.071	U	0.071	0.019	mg/Kg	☼	10/01/25 16:38	10/02/25 20:55	1
Aroclor 1221	0.071	U	0.071	0.019	mg/Kg	☼	10/01/25 16:38	10/02/25 20:55	1
Aroclor 1232	0.071	U	0.071	0.019	mg/Kg	☼	10/01/25 16:38	10/02/25 20:55	1
Aroclor 1242	0.071	U	0.071	0.019	mg/Kg	☼	10/01/25 16:38	10/02/25 20:55	1
Aroclor 1248	0.071	U	0.071	0.019	mg/Kg	☼	10/01/25 16:38	10/02/25 20:55	1
Aroclor 1254	0.071	U	0.071	0.019	mg/Kg	☼	10/01/25 16:38	10/02/25 20:55	1
Aroclor 1260	0.071	U	0.071	0.019	mg/Kg	☼	10/01/25 16:38	10/02/25 20:55	1
Aroclor-1262	0.071	U	0.071	0.019	mg/Kg	☼	10/01/25 16:38	10/02/25 20:55	1
Aroclor 1268	0.071	U	0.071	0.019	mg/Kg	☼	10/01/25 16:38	10/02/25 20:55	1
Polychlorinated biphenyls, Total	0.071	U	0.071	0.019	mg/Kg	☼	10/01/25 16:38	10/02/25 20:55	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
DCB Decachlorobiphenyl	*168*	*	*10 - 150*	*10/01/25 16:38*	*10/02/25 20:55*	*1*
DCB Decachlorobiphenyl	*180*	*	*10 - 150*	*10/01/25 16:38*	*10/02/25 20:55*	*1*
Tetrachloro-m-xylene	*159*	*	*10 - 150*	*10/01/25 16:38*	*10/02/25 20:55*	*1*
Tetrachloro-m-xylene	*172*	*	*10 - 150*	*10/01/25 16:38*	*10/02/25 20:55*	*1*

Method: EPA 1633A - Per- and Polyfluoroalkyl Substances by LC/MS/MS, 1633A

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Perfluorobutanoic acid (PFBA)	0.40	U	0.40	0.099	ug/Kg	☼	10/06/25 07:17	10/07/25 19:03	1
Perfluoropentanoic acid (PFPeA)	0.20	U	0.20	0.099	ug/Kg	☼	10/06/25 07:17	10/07/25 19:03	1
Perfluorohexanoic acid (PFHxA)	**0.11**	**J**	0.20	0.099	ug/Kg	☼	10/06/25 07:17	10/07/25 19:03	1
Perfluoroheptanoic acid (PFHpA)	**0.13**	**J**	0.20	0.099	ug/Kg	☼	10/06/25 07:17	10/07/25 19:03	1
Perfluorooctanoic acid (PFOA)	**0.64**		0.20	0.060	ug/Kg	☼	10/06/25 07:17	10/07/25 19:03	1
Perfluorononanoic acid (PFNA)	0.20	U	0.20	0.099	ug/Kg	☼	10/06/25 07:17	10/07/25 19:03	1
Perfluorodecanoic acid (PFDA)	0.20	U	0.20	0.060	ug/Kg	☼	10/06/25 07:17	10/07/25 19:03	1
Perfluoroundecanoic acid (PFUnA)	**0.11**	**J**	0.20	0.099	ug/Kg	☼	10/06/25 07:17	10/07/25 19:03	1
Perfluorododecanoic acid (PFDoA)	0.20	U	0.20	0.099	ug/Kg	☼	10/06/25 07:17	10/07/25 19:03	1
Perfluorotridecanoic acid (PFTrDA)	0.20	U	0.20	0.099	ug/Kg	☼	10/06/25 07:17	10/07/25 19:03	1
Perfluorotetradecanoic acid (PFTeDA)	0.20	U	0.20	0.099	ug/Kg	☼	10/06/25 07:17	10/07/25 19:03	1
Perfluorobutanesulfonic acid (PFBS)	0.20	U	0.20	0.099	ug/Kg	☼	10/06/25 07:17	10/07/25 19:03	1
Perfluoropentanesulfonic acid (PFPeS)	0.20	U	0.20	0.099	ug/Kg	☼	10/06/25 07:17	10/07/25 19:03	1
Perfluorohexanesulfonic acid (PFHxS)	0.20	U	0.20	0.099	ug/Kg	☼	10/06/25 07:17	10/07/25 19:03	1
Perfluoroheptanesulfonic acid (PFHpS)	0.20	U	0.20	0.099	ug/Kg	☼	10/06/25 07:17	10/07/25 19:03	1
Perfluorooctanesulfonic acid (PFOS)	0.20	U	0.20	0.099	ug/Kg	☼	10/06/25 07:17	10/07/25 19:03	1
Perfluorononanesulfonic acid (PFNS)	0.20	U	0.20	0.099	ug/Kg	☼	10/06/25 07:17	10/07/25 19:03	1
Perfluorodecanesulfonic acid (PFDS)	0.20	U	0.20	0.099	ug/Kg	☼	10/06/25 07:17	10/07/25 19:03	1

Client Sample ID: 56D_0-3
Date Collected: 09/30/25 13:05
Date Received: 09/30/25 16:15

Lab Sample ID: 460-336081-13
Matrix: Solid
Percent Solids: 95.0

Method: EPA 1633A - Per- and Polyfluoroalkyl Substances by LC/MS/MS, 1633A (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Perfluorododecanesulfonic acid (PFDoS)	0.20	U	0.20	0.099	ug/Kg	☼	10/06/25 07:17	10/07/25 19:03	1
1H,1H,2H,2H-Perfluorohexane sulfonic acid (4:2 FTS)	0.40	U	0.40	0.20	ug/Kg	☼	10/06/25 07:17	10/07/25 19:03	1
1H,1H,2H,2H-Perfluorooctane sulfonic acid (6:2 FTS)	0.40	U	0.40	0.20	ug/Kg	☼	10/06/25 07:17	10/07/25 19:03	1
1H,1H,2H,2H-Perfluorodecane sulfonic acid (8:2 FTS)	0.40	U	0.40	0.20	ug/Kg	☼	10/06/25 07:17	10/07/25 19:03	1
Perfluorooctanesulfonamide (PFOSA)	0.20	U	0.20	0.099	ug/Kg	☼	10/06/25 07:17	10/07/25 19:03	1
N-methylperfluorooctane sulfonamide (NMeFOSA)	0.20	U	0.20	0.099	ug/Kg	☼	10/06/25 07:17	10/07/25 19:03	1
N-ethylperfluorooctane sulfonamide (NEtFOSA)	0.20	U	0.20	0.099	ug/Kg	☼	10/06/25 07:17	10/07/25 19:03	1
N-methylperfluorooctanesulfonamidoacetic acid (NMeFOSAA)	0.20	U	0.20	0.099	ug/Kg	☼	10/06/25 07:17	10/07/25 19:03	1
N-ethylperfluorooctanesulfonamidoacetic acid (NEtFOSAA)	0.20	U	0.20	0.099	ug/Kg	☼	10/06/25 07:17	10/07/25 19:03	1
N-methylperfluorooctane sulfonamidoethanol (NMeFOSE)	0.99	U	0.99	0.50	ug/Kg	☼	10/06/25 07:17	10/07/25 19:03	1
N-ethylperfluorooctane sulfonamidoethanol (NEtFOSE)	0.99	U	0.99	0.50	ug/Kg	☼	10/06/25 07:17	10/07/25 19:03	1
Hexafluoropropylene Oxide Dimer Acid (HFPO-DA)	0.20	U	0.20	0.099	ug/Kg	☼	10/06/25 07:17	10/07/25 19:03	1
4,8-Dioxa-3H-perfluorononanoic acid (ADONA)	0.20	U	0.20	0.099	ug/Kg	☼	10/06/25 07:17	10/07/25 19:03	1
Perfluoro-3-methoxypropanoic acid (PFMPA)	0.20	U	0.20	0.099	ug/Kg	☼	10/06/25 07:17	10/07/25 19:03	1
Perfluoro-4-methoxybutanoic acid (PFMBA)	0.20	U	0.20	0.099	ug/Kg	☼	10/06/25 07:17	10/07/25 19:03	1
Nonafluoro-3,6-dioxaheptanoic acid (NFDHA)	0.20	U	0.20	0.099	ug/Kg	☼	10/06/25 07:17	10/07/25 19:03	1
9-Chlorohexadecafluoro-3-oxanonane-1-sulfonic acid (9Cl-PF3ONS)	0.20	U	0.20	0.099	ug/Kg	☼	10/06/25 07:17	10/07/25 19:03	1
11-Chloroeicosafluoro-3-oxaundecane-1-sulfonic acid (11Cl-PF3OUdS)	0.20	U	0.20	0.099	ug/Kg	☼	10/06/25 07:17	10/07/25 19:03	1
Perfluoro (2-ethoxyethane) sulfonic acid (PFEESA)	0.20	U	0.20	0.099	ug/Kg	☼	10/06/25 07:17	10/07/25 19:03	1
3-Perfluoropropylpropanoic acid (3:3 FTCA)	0.40	U	0.40	0.20	ug/Kg	☼	10/06/25 07:17	10/07/25 19:03	1
3-Perfluoropentylpropanoic acid (5:3 FTCA)	0.99	U	0.99	0.50	ug/Kg	☼	10/06/25 07:17	10/07/25 19:03	1
3-Perfluoroheptylpropanoic acid (7:3 FTCA)	0.99	U	0.99	0.50	ug/Kg	☼	10/06/25 07:17	10/07/25 19:03	1

Isotope Dilution	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
13C4 PFBA	*94.8*		*8 - 130*	*10/06/25 07:17*	*10/07/25 19:03*	*1*
13C5 PFPeA	*95.2*		*35 - 130*	*10/06/25 07:17*	*10/07/25 19:03*	*1*
13C5 PFHxA	*90.9*		*40 - 130*	*10/06/25 07:17*	*10/07/25 19:03*	*1*
13C4 PFHpA	*96.1*		*40 - 130*	*10/06/25 07:17*	*10/07/25 19:03*	*1*
13C8 PFOA	*89.6*		*40 - 130*	*10/06/25 07:17*	*10/07/25 19:03*	*1*
13C9 PFNA	*88.8*		*40 - 130*	*10/06/25 07:17*	*10/07/25 19:03*	*1*
13C6 PFDA	*84.3*		*40 - 130*	*10/06/25 07:17*	*10/07/25 19:03*	*1*
13C7 PFUnA	*76.7*		*40 - 130*	*10/06/25 07:17*	*10/07/25 19:03*	*1*
13C2 PFTeDA	*47.1*		*20 - 130*	*10/06/25 07:17*	*10/07/25 19:03*	*1*
13C3 PFBS	*94.4*		*40 - 135*	*10/06/25 07:17*	*10/07/25 19:03*	*1*

Client Sample ID: 56D_0-3

Date Collected: 09/30/25 13:05
Date Received: 09/30/25 16:15

Lab Sample ID: 460-336081-13

Matrix: Solid
Percent Solids: 95.0

Method: EPA 1633A - Per- and Polyfluoroalkyl Substances by LC/MS/MS, 1633A (Continued)

Isotope Dilution	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
13C3 PFHxS	91.7		40 - 130	10/06/25 07:17	10/07/25 19:03	1
13C8 PFOS	86.6		40 - 130	10/06/25 07:17	10/07/25 19:03	1
13C8 FOSA	81.6		40 - 130	10/06/25 07:17	10/07/25 19:03	1
d3-NMeFOSAA	68.2		40 - 135	10/06/25 07:17	10/07/25 19:03	1
d5-NEtFOSAA	62.7		40 - 150	10/06/25 07:17	10/07/25 19:03	1
13C2 4:2 FTS	134		40 - 165	10/06/25 07:17	10/07/25 19:03	1
13C2 6:2 FTS	100		40 - 215	10/06/25 07:17	10/07/25 19:03	1
13C2 8:2 FTS	87.2		40 - 275	10/06/25 07:17	10/07/25 19:03	1
13C3 HFPO-DA	94.3		40 - 130	10/06/25 07:17	10/07/25 19:03	1
d7-N-MeFOSE-M	65.7		20 - 130	10/06/25 07:17	10/07/25 19:03	1
d9-N-EtFOSE-M	57.9		15 - 130	10/06/25 07:17	10/07/25 19:03	1
d5-NEtPFOSA	68.8		10 - 130	10/06/25 07:17	10/07/25 19:03	1
d3-NMePFOSA	75.4		10 - 130	10/06/25 07:17	10/07/25 19:03	1
13C2 PFDoA	76.5		40 - 130	10/06/25 07:17	10/07/25 19:03	1

Method: SW846 6020B - Metals (ICP/MS)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Aluminum	5720		18.6	5.1	mg/Kg	☼	10/06/25 07:14	10/06/25 19:16	1
Antimony	0.17	J	0.93	0.14	mg/Kg	☼	10/06/25 07:14	10/06/25 19:16	1
Arsenic	4.7		0.93	0.096	mg/Kg	☼	10/06/25 07:14	10/06/25 19:16	1
Barium	41.2		1.9	0.14	mg/Kg	☼	10/06/25 07:14	10/06/25 19:16	1
Beryllium	0.44		0.37	0.021	mg/Kg	☼	10/06/25 07:14	10/06/25 19:16	1
Cadmium	0.93	U	0.93	0.11	mg/Kg	☼	10/06/25 07:14	10/06/25 19:16	1
Calcium	302		93.2	9.1	mg/Kg	☼	10/06/25 07:14	10/06/25 19:16	1
Chromium	36.3		1.9	0.28	mg/Kg	☼	10/06/25 07:14	10/06/25 19:16	1
Cobalt	16.8		0.93	0.14	mg/Kg	☼	10/06/25 07:14	10/06/25 19:16	1
Copper	16.9		1.9	0.34	mg/Kg	☼	10/06/25 07:14	10/06/25 19:16	1
Iron	16800		55.9	7.1	mg/Kg	☼	10/06/25 07:14	10/06/25 19:16	1
Lead	19.3		0.56	0.19	mg/Kg	☼	10/06/25 07:14	10/06/25 19:16	1
Magnesium	1530		93.2	9.5	mg/Kg	☼	10/06/25 07:14	10/06/25 19:16	1
Manganese	236		3.7	0.38	mg/Kg	☼	10/06/25 07:14	10/06/25 19:16	1
Nickel	107		1.9	0.16	mg/Kg	☼	10/06/25 07:14	10/06/25 19:16	1
Potassium	653		93.2	15.1	mg/Kg	☼	10/06/25 07:14	10/06/25 19:16	1
Selenium	0.21	J	1.2	0.12	mg/Kg	☼	10/06/25 07:14	10/06/25 19:16	1
Silver	0.083	J	0.37	0.083	mg/Kg	☼	10/06/25 07:14	10/06/25 19:16	1
Sodium	93.2	U	93.2	42.6	mg/Kg	☼	10/06/25 07:14	10/06/25 19:16	1
Thallium	0.067	J	0.37	0.038	mg/Kg	☼	10/06/25 07:14	10/06/25 19:16	1
Vanadium	18.4		1.9	0.19	mg/Kg	☼	10/06/25 07:14	10/06/25 19:16	1
Zinc	40.5		7.5	1.0	mg/Kg	☼	10/06/25 07:14	10/06/25 19:16	1

Method: SW846 7471B - Mercury (CVAA)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	0.021		0.018	0.0084	mg/Kg	☼	10/06/25 02:16	10/06/25 12:44	1

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Percent Moisture (EPA Moisture)	5.0		1.0	1.0	%			10/05/25 11:24	1
Percent Solids (EPA Moisture)	95.0		1.0	1.0	%			10/05/25 11:24	1

Client: Haley & Aldrich, Inc.
Project/Site: Former Port Mobil

Job ID: 460-336081-1

Client Sample ID: 56D_3-6
Date Collected: 09/30/25 13:10
Date Received: 09/30/25 16:15

Lab Sample ID: 460-336081-14
Matrix: Solid
Percent Solids: 94.0

Method: SW846 8270E - Semivolatile Organic Compounds (GC/MS)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1'-Biphenyl	0.35	U	0.35	0.012	mg/Kg	☼	10/01/25 20:32	10/02/25 13:37	1
1,2,4,5-Tetrachlorobenzene	0.35	U	0.35	0.011	mg/Kg	☼	10/01/25 20:32	10/02/25 13:37	1
1,4-Dioxane	0.035	U	0.035	0.031	mg/Kg	☼	10/01/25 20:32	10/02/25 13:37	1
2,2'-oxybis[1-chloropropane]	0.35	U	0.35	0.021	mg/Kg	☼	10/01/25 20:32	10/02/25 13:37	1
2,3,4,6-Tetrachlorophenol	0.35	U	0.35	0.024	mg/Kg	☼	10/01/25 20:32	10/02/25 13:37	1
2,4,5-Trichlorophenol	0.35	U	0.35	0.036	mg/Kg	☼	10/01/25 20:32	10/02/25 13:37	1
2,4,6-Trichlorophenol	0.14	U	0.14	0.045	mg/Kg	☼	10/01/25 20:32	10/02/25 13:37	1
2,4-Dichlorophenol	0.14	U	0.14	0.023	mg/Kg	☼	10/01/25 20:32	10/02/25 13:37	1
2,4-Dimethylphenol	0.35	U	0.35	0.042	mg/Kg	☼	10/01/25 20:32	10/02/25 13:37	1
2,4-Dinitrophenol	0.28	U	0.28	0.17	mg/Kg	☼	10/01/25 20:32	10/02/25 13:37	1
2,4-Dinitrotoluene	0.071	U	0.071	0.038	mg/Kg	☼	10/01/25 20:32	10/02/25 13:37	1
2,6-Dinitrotoluene	0.071	U	0.071	0.025	mg/Kg	☼	10/01/25 20:32	10/02/25 13:37	1
2-Chloronaphthalene	0.35	U	0.35	0.045	mg/Kg	☼	10/01/25 20:32	10/02/25 13:37	1
2-Chlorophenol	0.35	U	0.35	0.013	mg/Kg	☼	10/01/25 20:32	10/02/25 13:37	1
2-Methylnaphthalene	0.35	U	0.35	0.0098	mg/Kg	☼	10/01/25 20:32	10/02/25 13:37	1
2-Methylphenol	0.35	U	0.35	0.013	mg/Kg	☼	10/01/25 20:32	10/02/25 13:37	1
2-Nitroaniline	0.35	U	0.35	0.027	mg/Kg	☼	10/01/25 20:32	10/02/25 13:37	1
2-Nitrophenol	0.35	U	0.35	0.035	mg/Kg	☼	10/01/25 20:32	10/02/25 13:37	1
3 & 4 Methylphenol	0.35	U	0.35	0.022	mg/Kg	☼	10/01/25 20:32	10/02/25 13:37	1
3,3'-Dichlorobenzidine	0.14	U	0.14	0.053	mg/Kg	☼	10/01/25 20:32	10/02/25 13:37	1
3-Nitroaniline	0.35	U	0.35	0.083	mg/Kg	☼	10/01/25 20:32	10/02/25 13:37	1
4,6-Dinitro-2-methylphenol	0.28	U	0.28	0.14	mg/Kg	☼	10/01/25 20:32	10/02/25 13:37	1
4-Bromophenyl phenyl ether	0.35	U	0.35	0.014	mg/Kg	☼	10/01/25 20:32	10/02/25 13:37	1
4-Chloro-3-methylphenol	0.35	U	0.35	0.020	mg/Kg	☼	10/01/25 20:32	10/02/25 13:37	1
4-Chloroaniline	0.35	U	0.35	0.062	mg/Kg	☼	10/01/25 20:32	10/02/25 13:37	1
4-Chlorophenyl phenyl ether	0.35	U	0.35	0.012	mg/Kg	☼	10/01/25 20:32	10/02/25 13:37	1
4-Methylphenol	0.35	U	0.35	0.022	mg/Kg	☼	10/01/25 20:32	10/02/25 13:37	1
4-Nitroaniline	0.35	U	0.35	0.089	mg/Kg	☼	10/01/25 20:32	10/02/25 13:37	1
4-Nitrophenol	0.71	U	0.71	0.057	mg/Kg	☼	10/01/25 20:32	10/02/25 13:37	1
Acenaphthene	0.35	U	0.35	0.010	mg/Kg	☼	10/01/25 20:32	10/02/25 13:37	1
Acenaphthylene	0.35	U	0.35	0.010	mg/Kg	☼	10/01/25 20:32	10/02/25 13:37	1
Acetophenone	0.35	U	0.35	0.017	mg/Kg	☼	10/01/25 20:32	10/02/25 13:37	1
Anthracene	0.35	U	0.35	0.011	mg/Kg	☼	10/01/25 20:32	10/02/25 13:37	1
Atrazine	0.14	U	0.14	0.021	mg/Kg	☼	10/01/25 20:32	10/02/25 13:37	1
Benzaldehyde	0.35	U	0.35	0.058	mg/Kg	☼	10/01/25 20:32	10/02/25 13:37	1
Benzo[a]anthracene	0.035	U	0.035	0.026	mg/Kg	☼	10/01/25 20:32	10/02/25 13:37	1
Benzo[a]pyrene	0.035	U	0.035	0.0094	mg/Kg	☼	10/01/25 20:32	10/02/25 13:37	1
Benzo[b]fluoranthene	0.035	U	0.035	0.0091	mg/Kg	☼	10/01/25 20:32	10/02/25 13:37	1
Benzo[g,h,i]perylene	0.35	U	0.35	0.010	mg/Kg	☼	10/01/25 20:32	10/02/25 13:37	1
Benzo[k]fluoranthene	0.035	U	0.035	0.0069	mg/Kg	☼	10/01/25 20:32	10/02/25 13:37	1
Bis(2-chloroethoxy)methane	0.35	U	0.35	0.065	mg/Kg	☼	10/01/25 20:32	10/02/25 13:37	1
Bis(2-chloroethyl)ether	0.035	U	0.035	0.012	mg/Kg	☼	10/01/25 20:32	10/02/25 13:37	1
Bis(2-ethylhexyl) phthalate	0.35	U	0.35	0.019	mg/Kg	☼	10/01/25 20:32	10/02/25 13:37	1
Butyl benzyl phthalate	0.35	U	0.35	0.016	mg/Kg	☼	10/01/25 20:32	10/02/25 13:37	1
Caprolactam	0.35	U	0.35	0.055	mg/Kg	☼	10/01/25 20:32	10/02/25 13:37	1
Carbazole	0.35	U	0.35	0.013	mg/Kg	☼	10/01/25 20:32	10/02/25 13:37	1
Chrysene	0.35	U	0.35	0.015	mg/Kg	☼	10/01/25 20:32	10/02/25 13:37	1
Dibenz(a,h)anthracene	0.035	U	0.035	0.015	mg/Kg	☼	10/01/25 20:32	10/02/25 13:37	1
Dibenzofuran	0.35	U	0.35	0.012	mg/Kg	☼	10/01/25 20:32	10/02/25 13:37	1

Client Sample ID: 56D_3-6
Date Collected: 09/30/25 13:10
Date Received: 09/30/25 16:15

Lab Sample ID: 460-336081-14
Matrix: Solid
Percent Solids: 94.0

Method: SW846 8270E - Semivolatile Organic Compounds (GC/MS) (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Diethyl phthalate	0.35	U	0.35	0.011	mg/Kg	☼	10/01/25 20:32	10/02/25 13:37	1
Dimethyl phthalate	0.35	U	0.35	0.080	mg/Kg	☼	10/01/25 20:32	10/02/25 13:37	1
Di-n-butyl phthalate	0.35	U	0.35	0.013	mg/Kg	☼	10/01/25 20:32	10/02/25 13:37	1
Di-n-octyl phthalate	0.35	U	0.35	0.019	mg/Kg	☼	10/01/25 20:32	10/02/25 13:37	1
Fluoranthene	0.35	U	0.35	0.012	mg/Kg	☼	10/01/25 20:32	10/02/25 13:37	1
Fluorene	0.35	U	0.35	0.010	mg/Kg	☼	10/01/25 20:32	10/02/25 13:37	1
Hexachlorobenzene	0.035	U	0.035	0.017	mg/Kg	☼	10/01/25 20:32	10/02/25 13:37	1
Hexachlorobutadiene	0.071	U	0.071	0.0075	mg/Kg	☼	10/01/25 20:32	10/02/25 13:37	1
Hexachlorocyclopentadiene	0.35	U	0.35	0.031	mg/Kg	☼	10/01/25 20:32	10/02/25 13:37	1
Hexachloroethane	0.035	U	0.035	0.012	mg/Kg	☼	10/01/25 20:32	10/02/25 13:37	1
Indeno[1,2,3-cd]pyrene	0.035	U	0.035	0.014	mg/Kg	☼	10/01/25 20:32	10/02/25 13:37	1
Isophorone	0.14	U	0.14	0.10	mg/Kg	☼	10/01/25 20:32	10/02/25 13:37	1
Naphthalene	0.35	U	0.35	0.0061	mg/Kg	☼	10/01/25 20:32	10/02/25 13:37	1
Nitrobenzene	0.035	U	0.035	0.020	mg/Kg	☼	10/01/25 20:32	10/02/25 13:37	1
N-Nitrosodi-n-propylamine	0.035	U	0.035	0.026	mg/Kg	☼	10/01/25 20:32	10/02/25 13:37	1
N-Nitrosodiphenylamine	0.35	U	0.35	0.029	mg/Kg	☼	10/01/25 20:32	10/02/25 13:37	1
Pentachlorophenol	0.28	U	0.28	0.072	mg/Kg	☼	10/01/25 20:32	10/02/25 13:37	1
Phenanthrene	0.35	U	0.35	0.014	mg/Kg	☼	10/01/25 20:32	10/02/25 13:37	1
Phenol	0.35	U	0.35	0.013	mg/Kg	☼	10/01/25 20:32	10/02/25 13:37	1
Pyrene	0.35	U	0.35	0.0087	mg/Kg	☼	10/01/25 20:32	10/02/25 13:37	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
2,4,6-Tribromophenol (Surr)	*59*		*18 - 137*	*10/01/25 20:32*	*10/02/25 13:37*	*1*
2-Fluorobiphenyl	*63*		*33 - 117*	*10/01/25 20:32*	*10/02/25 13:37*	*1*
2-Fluorophenol (Surr)	*62*		*24 - 120*	*10/01/25 20:32*	*10/02/25 13:37*	*1*
Nitrobenzene-d5 (Surr)	*63*		*27 - 120*	*10/01/25 20:32*	*10/02/25 13:37*	*1*
Phenol-d5 (Surr)	*63*		*28 - 118*	*10/01/25 20:32*	*10/02/25 13:37*	*1*
Terphenyl-d14 (Surr)	*72*		*33 - 124*	*10/01/25 20:32*	*10/02/25 13:37*	*1*

Method: SW846 8081B - Organochlorine Pesticides (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
4,4'-DDD	0.0071	U	0.0071	0.0012	mg/Kg	☼	10/01/25 16:50	10/02/25 09:51	1
4,4'-DDE	0.0071	U	0.0071	0.00084	mg/Kg	☼	10/01/25 16:50	10/02/25 09:51	1
4,4'-DDT	0.0071	U	0.0071	0.0013	mg/Kg	☼	10/01/25 16:50	10/02/25 09:51	1
Aldrin	0.0071	U	0.0071	0.0011	mg/Kg	☼	10/01/25 16:50	10/02/25 09:51	1
alpha-BHC	0.0021	U	0.0021	0.00072	mg/Kg	☼	10/01/25 16:50	10/02/25 09:51	1
beta-BHC	0.0021	U	0.0021	0.00080	mg/Kg	☼	10/01/25 16:50	10/02/25 09:51	1
Chlordane (technical)	0.071	U	0.071	0.017	mg/Kg	☼	10/01/25 16:50	10/02/25 09:51	1
cis-Chlordane	0.0071	U	0.0071	0.0011	mg/Kg	☼	10/01/25 16:50	10/02/25 09:51	1
delta-BHC	0.0021	U	0.0021	0.00044	mg/Kg	☼	10/01/25 16:50	10/02/25 09:51	1
Dieldrin	0.0021	U	0.0021	0.00093	mg/Kg	☼	10/01/25 16:50	10/02/25 09:51	1
Endosulfan I	0.0071	U	0.0071	0.0011	mg/Kg	☼	10/01/25 16:50	10/02/25 09:51	1
Endosulfan II	0.0071	U	0.0071	0.0018	mg/Kg	☼	10/01/25 16:50	10/02/25 09:51	1
Endosulfan sulfate	0.0071	U	0.0071	0.00089	mg/Kg	☼	10/01/25 16:50	10/02/25 09:51	1
Endrin	0.0071	U	0.0071	0.0010	mg/Kg	☼	10/01/25 16:50	10/02/25 09:51	1
Endrin aldehyde	0.0071	U	0.0071	0.0017	mg/Kg	☼	10/01/25 16:50	10/02/25 09:51	1
Endrin ketone	0.0071	U	0.0071	0.0014	mg/Kg	☼	10/01/25 16:50	10/02/25 09:51	1
gamma-BHC (Lindane)	0.0021	U	0.0021	0.00066	mg/Kg	☼	10/01/25 16:50	10/02/25 09:51	1
Heptachlor	0.0071	U	0.0071	0.00084	mg/Kg	☼	10/01/25 16:50	10/02/25 09:51	1
Heptachlor epoxide	0.0071	U	0.0071	0.0011	mg/Kg	☼	10/01/25 16:50	10/02/25 09:51	1

Client Sample ID: 56D_3-6
Date Collected: 09/30/25 13:10
Date Received: 09/30/25 16:15

Lab Sample ID: 460-336081-14
Matrix: Solid
Percent Solids: 94.0

Method: SW846 8081B - Organochlorine Pesticides (GC) (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Methoxychlor	0.0071	U	0.0071	0.0016	mg/Kg	☼	10/01/25 16:50	10/02/25 09:51	1
Toxaphene	0.071	U	0.071	0.026	mg/Kg	☼	10/01/25 16:50	10/02/25 09:51	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
DCB Decachlorobiphenyl	*102*		*10 - 150*	*10/01/25 16:50*	*10/02/25 09:51*	*1*
DCB Decachlorobiphenyl	*122*		*10 - 150*	*10/01/25 16:50*	*10/02/25 09:51*	*1*
Tetrachloro-m-xylene	*99*		*14 - 150*	*10/01/25 16:50*	*10/02/25 09:51*	*1*
Tetrachloro-m-xylene	*100*		*14 - 150*	*10/01/25 16:50*	*10/02/25 09:51*	*1*

Method: SW846 8082A - Polychlorinated Biphenyls (PCBs) by Gas Chromatography

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Aroclor 1016	0.071	U	0.071	0.019	mg/Kg	☼	10/01/25 16:38	10/02/25 21:11	1
Aroclor 1221	0.071	U	0.071	0.019	mg/Kg	☼	10/01/25 16:38	10/02/25 21:11	1
Aroclor 1232	0.071	U	0.071	0.019	mg/Kg	☼	10/01/25 16:38	10/02/25 21:11	1
Aroclor 1242	0.071	U	0.071	0.019	mg/Kg	☼	10/01/25 16:38	10/02/25 21:11	1
Aroclor 1248	0.071	U	0.071	0.019	mg/Kg	☼	10/01/25 16:38	10/02/25 21:11	1
Aroclor 1254	0.071	U	0.071	0.019	mg/Kg	☼	10/01/25 16:38	10/02/25 21:11	1
Aroclor 1260	0.071	U	0.071	0.019	mg/Kg	☼	10/01/25 16:38	10/02/25 21:11	1
Aroclor-1262	0.071	U	0.071	0.019	mg/Kg	☼	10/01/25 16:38	10/02/25 21:11	1
Aroclor 1268	0.071	U	0.071	0.019	mg/Kg	☼	10/01/25 16:38	10/02/25 21:11	1
Polychlorinated biphenyls, Total	0.071	U	0.071	0.019	mg/Kg	☼	10/01/25 16:38	10/02/25 21:11	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
DCB Decachlorobiphenyl	*170*	*	*10 - 150*	*10/01/25 16:38*	*10/02/25 21:11*	*1*
DCB Decachlorobiphenyl	*172*	*	*10 - 150*	*10/01/25 16:38*	*10/02/25 21:11*	*1*
Tetrachloro-m-xylene	*166*	*	*10 - 150*	*10/01/25 16:38*	*10/02/25 21:11*	*1*
Tetrachloro-m-xylene	*173*	*	*10 - 150*	*10/01/25 16:38*	*10/02/25 21:11*	*1*

Method: EPA 1633A - Per- and Polyfluoroalkyl Substances by LC/MS/MS, 1633A

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Perfluorobutanoic acid (PFBA)	0.40	U	0.40	0.099	ug/Kg	☼	10/06/25 07:17	10/07/25 19:17	1
Perfluoropentanoic acid (PFPeA)	0.20	U	0.20	0.099	ug/Kg	☼	10/06/25 07:17	10/07/25 19:17	1
Perfluorohexanoic acid (PFHxA)	0.20	U	0.20	0.099	ug/Kg	☼	10/06/25 07:17	10/07/25 19:17	1
Perfluoroheptanoic acid (PFHpA)	0.20	U	0.20	0.099	ug/Kg	☼	10/06/25 07:17	10/07/25 19:17	1
Perfluorooctanoic acid (PFOA)	**0.84**		0.20	0.060	ug/Kg	☼	10/06/25 07:17	10/07/25 19:17	1
Perfluorononanoic acid (PFNA)	**0.41**		0.20	0.099	ug/Kg	☼	10/06/25 07:17	10/07/25 19:17	1
Perfluorodecanoic acid (PFDA)	0.20	U	0.20	0.060	ug/Kg	☼	10/06/25 07:17	10/07/25 19:17	1
Perfluoroundecanoic acid (PFUnA)	**0.18**	**J**	0.20	0.099	ug/Kg	☼	10/06/25 07:17	10/07/25 19:17	1
Perfluorododecanoic acid (PFDoA)	**0.10**	**J**	0.20	0.099	ug/Kg	☼	10/06/25 07:17	10/07/25 19:17	1
Perfluorotridecanoic acid (PFTrDA)	**0.19**	**J**	0.20	0.099	ug/Kg	☼	10/06/25 07:17	10/07/25 19:17	1
Perfluorotetradecanoic acid (PFTeDA)	0.20	U	0.20	0.099	ug/Kg	☼	10/06/25 07:17	10/07/25 19:17	1
Perfluorobutanesulfonic acid (PFBS)	0.20	U	0.20	0.099	ug/Kg	☼	10/06/25 07:17	10/07/25 19:17	1
Perfluoropentanesulfonic acid (PFPeS)	0.20	U	0.20	0.099	ug/Kg	☼	10/06/25 07:17	10/07/25 19:17	1
Perfluorohexanesulfonic acid (PFHxS)	0.20	U	0.20	0.099	ug/Kg	☼	10/06/25 07:17	10/07/25 19:17	1
Perfluoroheptanesulfonic acid (PFHpS)	0.20	U	0.20	0.099	ug/Kg	☼	10/06/25 07:17	10/07/25 19:17	1
Perfluorooctanesulfonic acid (PFOS)	0.20	U	0.20	0.099	ug/Kg	☼	10/06/25 07:17	10/07/25 19:17	1
Perfluorononanesulfonic acid (PFNS)	0.20	U	0.20	0.099	ug/Kg	☼	10/06/25 07:17	10/07/25 19:17	1

Client Sample ID: 56D_3-6
Date Collected: 09/30/25 13:10
Date Received: 09/30/25 16:15

Lab Sample ID: 460-336081-14
Matrix: Solid
Percent Solids: 94.0

Method: EPA 1633A - Per- and Polyfluoroalkyl Substances by LC/MS/MS, 1633A (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Perfluorodecanesulfonic acid (PFDS)	0.20	U	0.20	0.099	ug/Kg	☼	10/06/25 07:17	10/07/25 19:17	1
Perfluorododecanesulfonic acid (PFDoS)	0.20	U	0.20	0.099	ug/Kg	☼	10/06/25 07:17	10/07/25 19:17	1
1H,1H,2H,2H-Perfluorohexane sulfonic acid (4:2 FTS)	0.40	U	0.40	0.20	ug/Kg	☼	10/06/25 07:17	10/07/25 19:17	1
1H,1H,2H,2H-Perfluorooctane sulfonic acid (6:2 FTS)	0.40	U	0.40	0.20	ug/Kg	☼	10/06/25 07:17	10/07/25 19:17	1
1H,1H,2H,2H-Perfluorodecane sulfonic acid (8:2 FTS)	0.40	U	0.40	0.20	ug/Kg	☼	10/06/25 07:17	10/07/25 19:17	1
Perfluorooctanesulfonamide (PFOSA)	0.20	U	0.20	0.099	ug/Kg	☼	10/06/25 07:17	10/07/25 19:17	1
N-methylperfluorooctane sulfonamide (NMeFOSA)	0.20	U	0.20	0.099	ug/Kg	☼	10/06/25 07:17	10/07/25 19:17	1
N-ethylperfluorooctane sulfonamide (NEtFOSA)	0.20	U	0.20	0.099	ug/Kg	☼	10/06/25 07:17	10/07/25 19:17	1
N-methylperfluorooctanesulfonamidoacetic acid (NMeFOSAA)	0.20	U	0.20	0.099	ug/Kg	☼	10/06/25 07:17	10/07/25 19:17	1
N-ethylperfluorooctanesulfonamidoacetic acid (NEtFOSAA)	0.20	U	0.20	0.099	ug/Kg	☼	10/06/25 07:17	10/07/25 19:17	1
N-methylperfluorooctane sulfonamidoethanol (NMeFOSE)	0.99	U	0.99	0.50	ug/Kg	☼	10/06/25 07:17	10/07/25 19:17	1
N-ethylperfluorooctane sulfonamidoethanol (NEtFOSE)	0.99	U	0.99	0.50	ug/Kg	☼	10/06/25 07:17	10/07/25 19:17	1
Hexafluoropropylene Oxide Dimer Acid (HFPO-DA)	0.20	U	0.20	0.099	ug/Kg	☼	10/06/25 07:17	10/07/25 19:17	1
4,8-Dioxa-3H-perfluorononanoic acid (ADONA)	0.20	U	0.20	0.099	ug/Kg	☼	10/06/25 07:17	10/07/25 19:17	1
Perfluoro-3-methoxypropanoic acid (PFMPA)	0.20	U	0.20	0.099	ug/Kg	☼	10/06/25 07:17	10/07/25 19:17	1
Perfluoro-4-methoxybutanoic acid (PFMBA)	0.20	U	0.20	0.099	ug/Kg	☼	10/06/25 07:17	10/07/25 19:17	1
Nonafluoro-3,6-dioxaheptanoic acid (NFDHA)	0.20	U	0.20	0.099	ug/Kg	☼	10/06/25 07:17	10/07/25 19:17	1
9-Chlorohexadecafluoro-3-oxanonane-1-sulfonic acid (9Cl-PF3ONS)	0.20	U	0.20	0.099	ug/Kg	☼	10/06/25 07:17	10/07/25 19:17	1
11-Chloroeicosafluoro-3-oxaundecane-1-sulfonic acid (11Cl-PF3OUdS)	0.20	U	0.20	0.099	ug/Kg	☼	10/06/25 07:17	10/07/25 19:17	1
Perfluoro (2-ethoxyethane) sulfonic acid (PFEESA)	0.20	U	0.20	0.099	ug/Kg	☼	10/06/25 07:17	10/07/25 19:17	1
3-Perfluoropropylpropanoic acid (3:3 FTCA)	0.40	U	0.40	0.20	ug/Kg	☼	10/06/25 07:17	10/07/25 19:17	1
3-Perfluoropentylpropanoic acid (5:3 FTCA)	0.99	U	0.99	0.50	ug/Kg	☼	10/06/25 07:17	10/07/25 19:17	1
3-Perfluoroheptylpropanoic acid (7:3 FTCA)	0.99	U	0.99	0.50	ug/Kg	☼	10/06/25 07:17	10/07/25 19:17	1

Isotope Dilution	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
13C4 PFBA	*95.9*		*8 - 130*	*10/06/25 07:17*	*10/07/25 19:17*	*1*
13C5 PFPeA	*101*		*35 - 130*	*10/06/25 07:17*	*10/07/25 19:17*	*1*
13C5 PFHxA	*98.1*		*40 - 130*	*10/06/25 07:17*	*10/07/25 19:17*	*1*
13C4 PFHpA	*103*		*40 - 130*	*10/06/25 07:17*	*10/07/25 19:17*	*1*
13C8 PFOA	*90.5*		*40 - 130*	*10/06/25 07:17*	*10/07/25 19:17*	*1*
13C9 PFNA	*93.9*		*40 - 130*	*10/06/25 07:17*	*10/07/25 19:17*	*1*
13C6 PFDA	*95.3*		*40 - 130*	*10/06/25 07:17*	*10/07/25 19:17*	*1*
13C7 PFUnA	*89.1*		*40 - 130*	*10/06/25 07:17*	*10/07/25 19:17*	*1*
13C2 PFTeDA	*79.8*		*20 - 130*	*10/06/25 07:17*	*10/07/25 19:17*	*1*

Client Sample ID: 56D_3-6
Date Collected: 09/30/25 13:10
Date Received: 09/30/25 16:15

Lab Sample ID: 460-336081-14
Matrix: Solid
Percent Solids: 94.0

Method: EPA 1633A - Per- and Polyfluoroalkyl Substances by LC/MS/MS, 1633A (Continued)

Isotope Dilution	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
13C3 PFBS	94.3		40 - 135	10/06/25 07:17	10/07/25 19:17	1
13C3 PFHxS	94.0		40 - 130	10/06/25 07:17	10/07/25 19:17	1
13C8 PFOS	93.8		40 - 130	10/06/25 07:17	10/07/25 19:17	1
13C8 FOSA	88.8		40 - 130	10/06/25 07:17	10/07/25 19:17	1
d3-NMeFOSAA	98.7		40 - 135	10/06/25 07:17	10/07/25 19:17	1
d5-NEtFOSAA	94.5		40 - 150	10/06/25 07:17	10/07/25 19:17	1
13C2 4:2 FTS	138		40 - 165	10/06/25 07:17	10/07/25 19:17	1
13C2 6:2 FTS	120		40 - 215	10/06/25 07:17	10/07/25 19:17	1
13C2 8:2 FTS	110		40 - 275	10/06/25 07:17	10/07/25 19:17	1
13C3 HFPO-DA	97.7		40 - 130	10/06/25 07:17	10/07/25 19:17	1
d7-N-MeFOSE-M	76.9		20 - 130	10/06/25 07:17	10/07/25 19:17	1
d9-N-EtFOSE-M	67.4		15 - 130	10/06/25 07:17	10/07/25 19:17	1
d5-NEtPFOSA	88.3		10 - 130	10/06/25 07:17	10/07/25 19:17	1
d3-NMePFOSA	91.8		10 - 130	10/06/25 07:17	10/07/25 19:17	1
13C2 PFDoA	97.1		40 - 130	10/06/25 07:17	10/07/25 19:17	1

Method: SW846 6020B - Metals (ICP/MS)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Aluminum	4600		19.4	5.3	mg/Kg	☼	10/06/25 07:14	10/06/25 19:19	1
Antimony	0.40	J	0.97	0.14	mg/Kg	☼	10/06/25 07:14	10/06/25 19:19	1
Arsenic	5.9		0.97	0.10	mg/Kg	☼	10/06/25 07:14	10/06/25 19:19	1
Barium	27.2		1.9	0.14	mg/Kg	☼	10/06/25 07:14	10/06/25 19:19	1
Beryllium	0.33	J	0.39	0.021	mg/Kg	☼	10/06/25 07:14	10/06/25 19:19	1
Cadmium	0.97	U	0.97	0.11	mg/Kg	☼	10/06/25 07:14	10/06/25 19:19	1
Calcium	362		96.8	9.4	mg/Kg	☼	10/06/25 07:14	10/06/25 19:19	1
Chromium	20.9		1.9	0.29	mg/Kg	☼	10/06/25 07:14	10/06/25 19:19	1
Cobalt	9.1		0.97	0.14	mg/Kg	☼	10/06/25 07:14	10/06/25 19:19	1
Copper	33.1		1.9	0.36	mg/Kg	☼	10/06/25 07:14	10/06/25 19:19	1
Iron	14800		58.1	7.4	mg/Kg	☼	10/06/25 07:14	10/06/25 19:19	1
Lead	38.5		0.58	0.19	mg/Kg	☼	10/06/25 07:14	10/06/25 19:19	1
Magnesium	841		96.8	9.9	mg/Kg	☼	10/06/25 07:14	10/06/25 19:19	1
Manganese	123		3.9	0.39	mg/Kg	☼	10/06/25 07:14	10/06/25 19:19	1
Nickel	41.1		1.9	0.17	mg/Kg	☼	10/06/25 07:14	10/06/25 19:19	1
Potassium	475		96.8	15.7	mg/Kg	☼	10/06/25 07:14	10/06/25 19:19	1
Selenium	0.38	J	1.2	0.12	mg/Kg	☼	10/06/25 07:14	10/06/25 19:19	1
Silver	0.097	J	0.39	0.086	mg/Kg	☼	10/06/25 07:14	10/06/25 19:19	1
Sodium	96.8	U	96.8	44.2	mg/Kg	☼	10/06/25 07:14	10/06/25 19:19	1
Thallium	0.073	J	0.39	0.040	mg/Kg	☼	10/06/25 07:14	10/06/25 19:19	1
Vanadium	16.7		1.9	0.20	mg/Kg	☼	10/06/25 07:14	10/06/25 19:19	1
Zinc	56.3		7.7	1.1	mg/Kg	☼	10/06/25 07:14	10/06/25 19:19	1

Method: SW846 7471B - Mercury (CVAA)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	0.025		0.018	0.0082	mg/Kg	☼	10/06/25 02:16	10/06/25 12:52	1

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Percent Moisture (EPA Moisture)	6.0		1.0	1.0	%			10/05/25 11:24	1
Percent Solids (EPA Moisture)	94.0		1.0	1.0	%			10/05/25 11:24	1

Client: Haley & Aldrich, Inc.
Project/Site: Former Port Mobil

Job ID: 460-336081-1

Client Sample ID: 55A1_0-1
Date Collected: 09/30/25 08:00
Date Received: 09/30/25 16:15

Lab Sample ID: 460-336081-15
Matrix: Solid
Percent Solids: 96.8

Method: SW846 8260D - Volatile Organic Compounds by GC/MS

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1-Trichloroethane	0.000015	U	0.000015	0.0000036	mg/Kg	☼	10/03/25 10:12	10/04/25 20:22	1
1,1,2,2-Tetrachloroethane	0.000015	U	0.000015	0.0000081	mg/Kg	☼	10/03/25 10:12	10/04/25 20:22	1
1,1,2-Trichloro-1,2,2-trifluoroethane	0.000015	U	0.000015	0.0000047	mg/Kg	☼	10/03/25 10:12	10/04/25 20:22	1
1,1,2-Trichloroethane	0.000015	U	0.000015	0.0000093	mg/Kg	☼	10/03/25 10:12	10/04/25 20:22	1
1,1-Dichloroethane	0.000015	U	0.000015	0.0000092	mg/Kg	☼	10/03/25 10:12	10/04/25 20:22	1
1,1-Dichloroethene	0.000015	U	0.000015	0.0000035	mg/Kg	☼	10/03/25 10:12	10/04/25 20:22	1
1,2,3-Trichlorobenzene	0.000015	U	0.000015	0.000011	mg/Kg	☼	10/03/25 10:12	10/04/25 20:22	1
1,2,4-Trichlorobenzene	0.000015	U	0.000015	0.0000055	mg/Kg	☼	10/03/25 10:12	10/04/25 20:22	1
1,2,4-Trimethylbenzene	0.000015	U	0.000015	0.0000038	mg/Kg	☼	10/03/25 10:12	10/04/25 20:22	1
1,2-Dibromo-3-Chloropropane	0.000015	U	0.000015	0.0000071	mg/Kg	☼	10/03/25 10:12	10/04/25 20:22	1
1,2-Dichlorobenzene	0.000015	U	0.000015	0.0000056	mg/Kg	☼	10/03/25 10:12	10/04/25 20:22	1
1,2-Dichloroethane	0.000015	U	0.000015	0.0000046	mg/Kg	☼	10/03/25 10:12	10/04/25 20:22	1
1,2-Dichloropropane	0.000015	U	0.000015	0.0000065	mg/Kg	☼	10/03/25 10:12	10/04/25 20:22	1
1,3,5-Trimethylbenzene	0.000015	U	0.000015	0.0000049	mg/Kg	☼	10/03/25 10:12	10/04/25 20:22	1
1,3-Dichlorobenzene	0.000015	U	0.000015	0.0000056	mg/Kg	☼	10/03/25 10:12	10/04/25 20:22	1
1,4-Dichlorobenzene	0.000015	U	0.000015	0.0000080	mg/Kg	☼	10/03/25 10:12	10/04/25 20:22	1
2-Butanone (MEK)	0.000077	U	0.000077	0.0000057	mg/Kg	☼	10/03/25 10:12	10/04/25 20:22	1
2-Hexanone	0.000077	U	0.000077	0.000026	mg/Kg	☼	10/03/25 10:12	10/04/25 20:22	1
4-Methyl-2-pentanone (MIBK)	0.000077	U	0.000077	0.000024	mg/Kg	☼	10/03/25 10:12	10/04/25 20:22	1
Acetone	0.000093	U	0.000093	0.000088	mg/Kg	☼	10/03/25 10:12	10/04/25 20:22	1
Benzene	0.000015	U	0.000015	0.0000088	mg/Kg	☼	10/03/25 10:12	10/04/25 20:22	1
Bromoform	0.000015	U	0.000015	0.0000066	mg/Kg	☼	10/03/25 10:12	10/04/25 20:22	1
Bromomethane	0.000031	U	0.000031	0.000015	mg/Kg	☼	10/03/25 10:12	10/04/25 20:22	1
Carbon disulfide	0.000015	U	0.000015	0.0000041	mg/Kg	☼	10/03/25 10:12	10/04/25 20:22	1
Carbon tetrachloride	0.000015	U	0.000015	0.0000060	mg/Kg	☼	10/03/25 10:12	10/04/25 20:22	1
Chlorobenzene	0.000015	U	0.000015	0.0000078	mg/Kg	☼	10/03/25 10:12	10/04/25 20:22	1
Chlorobromomethane	0.000015	U	0.000015	0.0000092	mg/Kg	☼	10/03/25 10:12	10/04/25 20:22	1
Chlorodibromomethane	0.000015	U	0.000015	0.0000083	mg/Kg	☼	10/03/25 10:12	10/04/25 20:22	1
Chloroethane	0.000015	U	0.000015	0.0000081	mg/Kg	☼	10/03/25 10:12	10/04/25 20:22	1
Chloroform	0.000015	U	0.000015	0.000015	mg/Kg	☼	10/03/25 10:12	10/04/25 20:22	1
Chloromethane	0.000015	U	0.000015	0.0000067	mg/Kg	☼	10/03/25 10:12	10/04/25 20:22	1
cis-1,2-Dichloroethene	0.000015	U	0.000015	0.0000055	mg/Kg	☼	10/03/25 10:12	10/04/25 20:22	1
cis-1,3-Dichloropropene	0.000015	U	0.000015	0.0000042	mg/Kg	☼	10/03/25 10:12	10/04/25 20:22	1
Cyclohexane	0.000015	U	0.000015	0.0000034	mg/Kg	☼	10/03/25 10:12	10/04/25 20:22	1
Dichlorobromomethane	0.000015	U	0.000015	0.0000040	mg/Kg	☼	10/03/25 10:12	10/04/25 20:22	1
Dichlorodifluoromethane	0.000015	U	0.000015	0.0000052	mg/Kg	☼	10/03/25 10:12	10/04/25 20:22	1
Ethylbenzene	0.000015	U	0.000015	0.0000072	mg/Kg	☼	10/03/25 10:12	10/04/25 20:22	1
Ethylene Dibromide	0.000015	U	0.000015	0.0000078	mg/Kg	☼	10/03/25 10:12	10/04/25 20:22	1
Isopropylbenzene	0.000015	U	0.000015	0.0000044	mg/Kg	☼	10/03/25 10:12	10/04/25 20:22	1
Methyl acetate	0.000077	U	0.000077	0.000066	mg/Kg	☼	10/03/25 10:12	10/04/25 20:22	1
Methyl tert-butyl ether	0.000015	U	0.000015	0.0000079	mg/Kg	☼	10/03/25 10:12	10/04/25 20:22	1
Methylcyclohexane	0.000015	U	0.000015	0.0000077	mg/Kg	☼	10/03/25 10:12	10/04/25 20:22	1
Methylene Chloride	0.000031	U	0.000031	0.000018	mg/Kg	☼	10/03/25 10:12	10/04/25 20:22	1
m-Xylene & p-Xylene	0.000015	U	0.000015	0.0000065	mg/Kg	☼	10/03/25 10:12	10/04/25 20:22	1
n-Butylbenzene	0.000015	U	0.000015	0.0000045	mg/Kg	☼	10/03/25 10:12	10/04/25 20:22	1
N-Propylbenzene	0.000015	U	0.000015	0.0000069	mg/Kg	☼	10/03/25 10:12	10/04/25 20:22	1
o-Xylene	0.000015	U	0.000015	0.0000071	mg/Kg	☼	10/03/25 10:12	10/04/25 20:22	1
sec-Butylbenzene	0.000015	U	0.000015	0.0000045	mg/Kg	☼	10/03/25 10:12	10/04/25 20:22	1
Styrene	0.000015	U	0.000015	0.0000043	mg/Kg	☼	10/03/25 10:12	10/04/25 20:22	1

Client Sample ID: 55A1_0-1

Lab Sample ID: 460-336081-15
Date Collected: 09/30/25 08:00
Matrix: Solid
Date Received: 09/30/25 16:15
Percent Solids: 96.8

Method: SW846 8260D - Volatile Organic Compounds by GC/MS (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
tert-Butylbenzene	0.000015	U	0.000015	0.0000043	mg/Kg	☼	10/03/25 10:12	10/04/25 20:22	1
Tetrachloroethene	0.000015	U	0.000015	0.0000047	mg/Kg	☼	10/03/25 10:12	10/04/25 20:22	1
Toluene	0.000015	U	0.000015	0.0000036	mg/Kg	☼	10/03/25 10:12	10/04/25 20:22	1
trans-1,2-Dichloroethene	0.000015	U	0.000015	0.0000038	mg/Kg	☼	10/03/25 10:12	10/04/25 20:22	1
trans-1,3-Dichloropropene	0.000015	U	0.000015	0.0000041	mg/Kg	☼	10/03/25 10:12	10/04/25 20:22	1
Trichloroethene	0.000015	U	0.000015	0.0000050	mg/Kg	☼	10/03/25 10:12	10/04/25 20:22	1
Trichlorofluoromethane	0.000015	U	0.000015	0.0000063	mg/Kg	☼	10/03/25 10:12	10/04/25 20:22	1
Vinyl chloride	0.000015	U	0.000015	0.0000084	mg/Kg	☼	10/03/25 10:12	10/04/25 20:22	1
Xylenes, Total	0.000031	U	0.000031	0.0000027	mg/Kg	☼	10/03/25 10:12	10/04/25 20:22	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,2-Dichloroethane-d4 (Surr)	*116*		*65 - 138*	*10/03/25 10:12*	*10/04/25 20:22*	*1*
4-Bromofluorobenzene	*93*		*71 - 128*	*10/03/25 10:12*	*10/04/25 20:22*	*1*
Dibromofluoromethane (Surr)	*108*		*50 - 150*	*10/03/25 10:12*	*10/04/25 20:22*	*1*
Toluene-d8 (Surr)	*100*		*71 - 126*	*10/03/25 10:12*	*10/04/25 20:22*	*1*

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Percent Moisture (EPA Moisture)	**3.2**		1.0	1.0	%			10/05/25 13:43	1
Percent Solids (EPA Moisture)	**96.8**		1.0	1.0	%			10/05/25 13:43	1

Client Sample ID: 55A2_1-2

Lab Sample ID: 460-336081-16
Date Collected: 09/30/25 08:05
Matrix: Solid
Date Received: 09/30/25 16:15
Percent Solids: 97.1

Method: SW846 8260D - Volatile Organic Compounds by GC/MS

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1-Trichloroethane	0.0010	U	0.0010	0.00024	mg/Kg	☼	10/03/25 10:12	10/04/25 20:46	1
1,1,2,2-Tetrachloroethane	0.0010	U	0.0010	0.00054	mg/Kg	☼	10/03/25 10:12	10/04/25 20:46	1
1,1,2-Trichloro-1,2,2-trifluoroethane	0.0010	U	0.0010	0.00031	mg/Kg	☼	10/03/25 10:12	10/04/25 20:46	1
1,1,2-Trichloroethane	0.0010	U	0.0010	0.00063	mg/Kg	☼	10/03/25 10:12	10/04/25 20:46	1
1,1-Dichloroethane	0.0010	U	0.0010	0.00062	mg/Kg	☼	10/03/25 10:12	10/04/25 20:46	1
1,1-Dichloroethene	0.0010	U	0.0010	0.00023	mg/Kg	☼	10/03/25 10:12	10/04/25 20:46	1
1,2,3-Trichlorobenzene	0.0010	U	0.0010	0.00077	mg/Kg	☼	10/03/25 10:12	10/04/25 20:46	1
1,2,4-Trichlorobenzene	0.0010	U	0.0010	0.00037	mg/Kg	☼	10/03/25 10:12	10/04/25 20:46	1
1,2,4-Trimethylbenzene	0.0010	U	0.0010	0.00026	mg/Kg	☼	10/03/25 10:12	10/04/25 20:46	1
1,2-Dibromo-3-Chloropropane	0.0010	U	0.0010	0.00048	mg/Kg	☼	10/03/25 10:12	10/04/25 20:46	1
1,2-Dichlorobenzene	0.0010	U	0.0010	0.00038	mg/Kg	☼	10/03/25 10:12	10/04/25 20:46	1
1,2-Dichloroethane	0.0010	U	0.0010	0.00031	mg/Kg	☼	10/03/25 10:12	10/04/25 20:46	1
1,2-Dichloropropane	0.0010	U	0.0010	0.00044	mg/Kg	☼	10/03/25 10:12	10/04/25 20:46	1
1,3,5-Trimethylbenzene	0.0010	U	0.0010	0.00033	mg/Kg	☼	10/03/25 10:12	10/04/25 20:46	1
1,3-Dichlorobenzene	0.0010	U	0.0010	0.00038	mg/Kg	☼	10/03/25 10:12	10/04/25 20:46	1
1,4-Dichlorobenzene	0.0010	U	0.0010	0.00054	mg/Kg	☼	10/03/25 10:12	10/04/25 20:46	1
2-Butanone (MEK)	0.0052	U	0.0052	0.00038	mg/Kg	☼	10/03/25 10:12	10/04/25 20:46	1
2-Hexanone	0.0052	U	0.0052	0.0018	mg/Kg	☼	10/03/25 10:12	10/04/25 20:46	1
4-Methyl-2-pentanone (MIBK)	0.0052	U	0.0052	0.0016	mg/Kg	☼	10/03/25 10:12	10/04/25 20:46	1
Acetone	**0.0066**		0.0062	0.0060	mg/Kg	☼	10/03/25 10:12	10/04/25 20:46	1
Benzene	0.0010	U	0.0010	0.00059	mg/Kg	☼	10/03/25 10:12	10/04/25 20:46	1
Bromoform	0.0010	U	0.0010	0.00044	mg/Kg	☼	10/03/25 10:12	10/04/25 20:46	1
Bromomethane	0.0021	U	0.0021	0.0010	mg/Kg	☼	10/03/25 10:12	10/04/25 20:46	1

Client Sample ID: 55A2_1-2
Date Collected: 09/30/25 08:05
Date Received: 09/30/25 16:15

Lab Sample ID: 460-336081-16
Matrix: Solid
Percent Solids: 97.1

Method: SW846 8260D - Volatile Organic Compounds by GC/MS (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Carbon disulfide	0.0010	U	0.0010	0.00028	mg/Kg	☼	10/03/25 10:12	10/04/25 20:46	1
Carbon tetrachloride	0.0010	U	0.0010	0.00040	mg/Kg	☼	10/03/25 10:12	10/04/25 20:46	1
Chlorobenzene	0.0010	U	0.0010	0.00053	mg/Kg	☼	10/03/25 10:12	10/04/25 20:46	1
Chlorobromomethane	0.0010	U	0.0010	0.00062	mg/Kg	☼	10/03/25 10:12	10/04/25 20:46	1
Chlorodibromomethane	0.0010	U	0.0010	0.00056	mg/Kg	☼	10/03/25 10:12	10/04/25 20:46	1
Chloroethane	0.0010	U	0.0010	0.00054	mg/Kg	☼	10/03/25 10:12	10/04/25 20:46	1
Chloroform	0.0010	U	0.0010	0.0010	mg/Kg	☼	10/03/25 10:12	10/04/25 20:46	1
Chloromethane	0.0010	U	0.0010	0.00045	mg/Kg	☼	10/03/25 10:12	10/04/25 20:46	1
cis-1,2-Dichloroethene	0.0010	U	0.0010	0.00037	mg/Kg	☼	10/03/25 10:12	10/04/25 20:46	1
cis-1,3-Dichloropropene	0.0010	U	0.0010	0.00028	mg/Kg	☼	10/03/25 10:12	10/04/25 20:46	1
Cyclohexane	0.0010	U	0.0010	0.00023	mg/Kg	☼	10/03/25 10:12	10/04/25 20:46	1
Dichlorobromomethane	0.0010	U	0.0010	0.00027	mg/Kg	☼	10/03/25 10:12	10/04/25 20:46	1
Dichlorodifluoromethane	0.0010	U	0.0010	0.00035	mg/Kg	☼	10/03/25 10:12	10/04/25 20:46	1
Ethylbenzene	0.0010	U	0.0010	0.00049	mg/Kg	☼	10/03/25 10:12	10/04/25 20:46	1
Ethylene Dibromide	0.0010	U	0.0010	0.00052	mg/Kg	☼	10/03/25 10:12	10/04/25 20:46	1
Isopropylbenzene	0.0010	U	0.0010	0.00030	mg/Kg	☼	10/03/25 10:12	10/04/25 20:46	1
Methyl acetate	0.0052	U	0.0052	0.0045	mg/Kg	☼	10/03/25 10:12	10/04/25 20:46	1
Methyl tert-butyl ether	0.0010	U	0.0010	0.00053	mg/Kg	☼	10/03/25 10:12	10/04/25 20:46	1
Methylcyclohexane	0.0010	U	0.0010	0.00052	mg/Kg	☼	10/03/25 10:12	10/04/25 20:46	1
Methylene Chloride	**0.0019**	**J**	0.0021	0.0012	mg/Kg	☼	10/03/25 10:12	10/04/25 20:46	1
m-Xylene & p-Xylene	0.0010	U	0.0010	0.00044	mg/Kg	☼	10/03/25 10:12	10/04/25 20:46	1
n-Butylbenzene	0.0010	U	0.0010	0.00031	mg/Kg	☼	10/03/25 10:12	10/04/25 20:46	1
N-Propylbenzene	0.0010	U	0.0010	0.00047	mg/Kg	☼	10/03/25 10:12	10/04/25 20:46	1
o-Xylene	0.0010	U	0.0010	0.00048	mg/Kg	☼	10/03/25 10:12	10/04/25 20:46	1
sec-Butylbenzene	0.0010	U	0.0010	0.00030	mg/Kg	☼	10/03/25 10:12	10/04/25 20:46	1
Styrene	0.0010	U	0.0010	0.00029	mg/Kg	☼	10/03/25 10:12	10/04/25 20:46	1
tert-Butylbenzene	0.0010	U	0.0010	0.00029	mg/Kg	☼	10/03/25 10:12	10/04/25 20:46	1
Tetrachloroethene	0.0010	U	0.0010	0.00032	mg/Kg	☼	10/03/25 10:12	10/04/25 20:46	1
Toluene	0.0010	U	0.0010	0.00024	mg/Kg	☼	10/03/25 10:12	10/04/25 20:46	1
trans-1,2-Dichloroethene	0.0010	U	0.0010	0.00026	mg/Kg	☼	10/03/25 10:12	10/04/25 20:46	1
trans-1,3-Dichloropropene	0.0010	U	0.0010	0.00028	mg/Kg	☼	10/03/25 10:12	10/04/25 20:46	1
Trichloroethene	0.0010	U	0.0010	0.00033	mg/Kg	☼	10/03/25 10:12	10/04/25 20:46	1
Trichlorofluoromethane	0.0010	U	0.0010	0.00042	mg/Kg	☼	10/03/25 10:12	10/04/25 20:46	1
Vinyl chloride	0.0010	U	0.0010	0.00057	mg/Kg	☼	10/03/25 10:12	10/04/25 20:46	1
Xylenes, Total	0.0021	U	0.0021	0.00018	mg/Kg	☼	10/03/25 10:12	10/04/25 20:46	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,2-Dichloroethane-d4 (Surr)	*117*		*65 - 138*	*10/03/25 10:12*	*10/04/25 20:46*	*1*
4-Bromofluorobenzene	*92*		*71 - 128*	*10/03/25 10:12*	*10/04/25 20:46*	*1*
Dibromofluoromethane (Surr)	*110*		*50 - 150*	*10/03/25 10:12*	*10/04/25 20:46*	*1*
Toluene-d8 (Surr)	*101*		*71 - 126*	*10/03/25 10:12*	*10/04/25 20:46*	*1*

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Percent Moisture (EPA Moisture)	**2.9**		1.0	1.0	%			10/05/25 13:43	1
Percent Solids (EPA Moisture)	**97.1**		1.0	1.0	%			10/05/25 13:43	1

Client: Haley & Aldrich, Inc.
Project/Site: Former Port Mobil

Job ID: 460-336081-1

Client Sample ID: 55A3_2-3
Date Collected: 09/30/25 08:10
Date Received: 09/30/25 16:15

Lab Sample ID: 460-336081-17
Matrix: Solid
Percent Solids: 93.4

Method: SW846 8260D - Volatile Organic Compounds by GC/MS

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1-Trichloroethane	0.00091	U	0.00091	0.00021	mg/Kg	☼	10/03/25 10:12	10/04/25 21:10	1
1,1,2,2-Tetrachloroethane	0.00091	U	0.00091	0.00048	mg/Kg	☼	10/03/25 10:12	10/04/25 21:10	1
1,1,2-Trichloro-1,2,2-trifluoroethane	0.00091	U	0.00091	0.00027	mg/Kg	☼	10/03/25 10:12	10/04/25 21:10	1
1,1,2-Trichloroethane	0.00091	U	0.00091	0.00055	mg/Kg	☼	10/03/25 10:12	10/04/25 21:10	1
1,1-Dichloroethane	0.00091	U	0.00091	0.00054	mg/Kg	☼	10/03/25 10:12	10/04/25 21:10	1
1,1-Dichloroethene	0.00091	U	0.00091	0.00021	mg/Kg	☼	10/03/25 10:12	10/04/25 21:10	1
1,2,3-Trichlorobenzene	0.00091	U	0.00091	0.00067	mg/Kg	☼	10/03/25 10:12	10/04/25 21:10	1
1,2,4-Trichlorobenzene	0.00091	U	0.00091	0.00033	mg/Kg	☼	10/03/25 10:12	10/04/25 21:10	1
1,2,4-Trimethylbenzene	0.00091	U	0.00091	0.00022	mg/Kg	☼	10/03/25 10:12	10/04/25 21:10	1
1,2-Dibromo-3-Chloropropane	0.00091	U	0.00091	0.00042	mg/Kg	☼	10/03/25 10:12	10/04/25 21:10	1
1,2-Dichlorobenzene	0.00091	U	0.00091	0.00033	mg/Kg	☼	10/03/25 10:12	10/04/25 21:10	1
1,2-Dichloroethane	0.00091	U	0.00091	0.00027	mg/Kg	☼	10/03/25 10:12	10/04/25 21:10	1
1,2-Dichloropropane	0.00091	U	0.00091	0.00039	mg/Kg	☼	10/03/25 10:12	10/04/25 21:10	1
1,3,5-Trimethylbenzene	0.00091	U	0.00091	0.00029	mg/Kg	☼	10/03/25 10:12	10/04/25 21:10	1
1,3-Dichlorobenzene	0.00091	U	0.00091	0.00033	mg/Kg	☼	10/03/25 10:12	10/04/25 21:10	1
1,4-Dichlorobenzene	0.00091	U	0.00091	0.00047	mg/Kg	☼	10/03/25 10:12	10/04/25 21:10	1
2-Butanone (MEK)	0.0046	U	0.0046	0.00034	mg/Kg	☼	10/03/25 10:12	10/04/25 21:10	1
2-Hexanone	0.0046	U	0.0046	0.0016	mg/Kg	☼	10/03/25 10:12	10/04/25 21:10	1
4-Methyl-2-pentanone (MIBK)	0.0046	U	0.0046	0.0014	mg/Kg	☼	10/03/25 10:12	10/04/25 21:10	1
Acetone	0.0055	U	0.0055	0.0052	mg/Kg	☼	10/03/25 10:12	10/04/25 21:10	1
Benzene	0.00091	U	0.00091	0.00052	mg/Kg	☼	10/03/25 10:12	10/04/25 21:10	1
Bromoform	0.00091	U	0.00091	0.00039	mg/Kg	☼	10/03/25 10:12	10/04/25 21:10	1
Bromomethane	0.0018	U	0.0018	0.00091	mg/Kg	☼	10/03/25 10:12	10/04/25 21:10	1
Carbon disulfide	0.00091	U	0.00091	0.00024	mg/Kg	☼	10/03/25 10:12	10/04/25 21:10	1
Carbon tetrachloride	0.00091	U	0.00091	0.00035	mg/Kg	☼	10/03/25 10:12	10/04/25 21:10	1
Chlorobenzene	0.00091	U	0.00091	0.00046	mg/Kg	☼	10/03/25 10:12	10/04/25 21:10	1
Chlorobromomethane	0.00091	U	0.00091	0.00054	mg/Kg	☼	10/03/25 10:12	10/04/25 21:10	1
Chlorodibromomethane	0.00091	U	0.00091	0.00049	mg/Kg	☼	10/03/25 10:12	10/04/25 21:10	1
Chloroethane	0.00091	U	0.00091	0.00048	mg/Kg	☼	10/03/25 10:12	10/04/25 21:10	1
Chloroform	0.00091	U	0.00091	0.00089	mg/Kg	☼	10/03/25 10:12	10/04/25 21:10	1
Chloromethane	0.00091	U	0.00091	0.00040	mg/Kg	☼	10/03/25 10:12	10/04/25 21:10	1
cis-1,2-Dichloroethene	0.00091	U	0.00091	0.00033	mg/Kg	☼	10/03/25 10:12	10/04/25 21:10	1
cis-1,3-Dichloropropene	0.00091	U	0.00091	0.00025	mg/Kg	☼	10/03/25 10:12	10/04/25 21:10	1
Cyclohexane	0.00091	U	0.00091	0.00020	mg/Kg	☼	10/03/25 10:12	10/04/25 21:10	1
Dichlorobromomethane	0.00091	U	0.00091	0.00023	mg/Kg	☼	10/03/25 10:12	10/04/25 21:10	1
Dichlorodifluoromethane	0.00091	U	0.00091	0.00031	mg/Kg	☼	10/03/25 10:12	10/04/25 21:10	1
Ethylbenzene	0.00091	U	0.00091	0.00043	mg/Kg	☼	10/03/25 10:12	10/04/25 21:10	1
Ethylene Dibromide	0.00091	U	0.00091	0.00046	mg/Kg	☼	10/03/25 10:12	10/04/25 21:10	1
Isopropylbenzene	0.00091	U	0.00091	0.00026	mg/Kg	☼	10/03/25 10:12	10/04/25 21:10	1
Methyl acetate	0.0046	U	0.0046	0.0039	mg/Kg	☼	10/03/25 10:12	10/04/25 21:10	1
Methyl tert-butyl ether	0.00091	U	0.00091	0.00047	mg/Kg	☼	10/03/25 10:12	10/04/25 21:10	1
Methylcyclohexane	0.00091	U	0.00091	0.00046	mg/Kg	☼	10/03/25 10:12	10/04/25 21:10	1
Methylene Chloride	**0.0028**		0.0018	0.0010	mg/Kg	☼	10/03/25 10:12	10/04/25 21:10	1
m-Xylene & p-Xylene	0.00091	U	0.00091	0.00039	mg/Kg	☼	10/03/25 10:12	10/04/25 21:10	1
n-Butylbenzene	0.00091	U	0.00091	0.00027	mg/Kg	☼	10/03/25 10:12	10/04/25 21:10	1
N-Propylbenzene	0.00091	U	0.00091	0.00041	mg/Kg	☼	10/03/25 10:12	10/04/25 21:10	1
o-Xylene	0.00091	U	0.00091	0.00042	mg/Kg	☼	10/03/25 10:12	10/04/25 21:10	1
sec-Butylbenzene	0.00091	U	0.00091	0.00026	mg/Kg	☼	10/03/25 10:12	10/04/25 21:10	1
Styrene	0.00091	U	0.00091	0.00025	mg/Kg	☼	10/03/25 10:12	10/04/25 21:10	1

Client Sample ID: 55A3_2-3

Lab Sample ID: 460-336081-17

Date Collected: 09/30/25 08:10
Matrix: Solid
Date Received: 09/30/25 16:15
Percent Solids: 93.4

Method: SW846 8260D - Volatile Organic Compounds by GC/MS (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
tert-Butylbenzene	0.00091	U	0.00091	0.00025	mg/Kg	☼	10/03/25 10:12	10/04/25 21:10	1
Tetrachloroethene	0.00091	U	0.00091	0.00028	mg/Kg	☼	10/03/25 10:12	10/04/25 21:10	1
Toluene	0.00091	U	0.00091	0.00021	mg/Kg	☼	10/03/25 10:12	10/04/25 21:10	1
trans-1,2-Dichloroethene	0.00091	U	0.00091	0.00022	mg/Kg	☼	10/03/25 10:12	10/04/25 21:10	1
trans-1,3-Dichloropropene	0.00091	U	0.00091	0.00024	mg/Kg	☼	10/03/25 10:12	10/04/25 21:10	1
Trichloroethene	0.00091	U	0.00091	0.00029	mg/Kg	☼	10/03/25 10:12	10/04/25 21:10	1
Trichlorofluoromethane	0.00091	U	0.00091	0.00037	mg/Kg	☼	10/03/25 10:12	10/04/25 21:10	1
Vinyl chloride	0.00091	U	0.00091	0.00050	mg/Kg	☼	10/03/25 10:12	10/04/25 21:10	1
Xylenes, Total	0.0018	U	0.0018	0.00016	mg/Kg	☼	10/03/25 10:12	10/04/25 21:10	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,2-Dichloroethane-d4 (Surr)	*116*		*65 - 138*	*10/03/25 10:12*	*10/04/25 21:10*	*1*
4-Bromofluorobenzene	*91*		*71 - 128*	*10/03/25 10:12*	*10/04/25 21:10*	*1*
Dibromofluoromethane (Surr)	*105*		*50 - 150*	*10/03/25 10:12*	*10/04/25 21:10*	*1*
Toluene-d8 (Surr)	*100*		*71 - 126*	*10/03/25 10:12*	*10/04/25 21:10*	*1*

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Percent Moisture (EPA Moisture)	**6.6**		1.0	1.0	%			10/05/25 13:43	1
Percent Solids (EPA Moisture)	**93.4**		1.0	1.0	%			10/05/25 13:43	1

Client Sample ID: 55A1_3-4

Lab Sample ID: 460-336081-18

Date Collected: 09/30/25 08:15
Matrix: Solid
Date Received: 09/30/25 16:15
Percent Solids: 95.6

Method: SW846 8260D - Volatile Organic Compounds by GC/MS

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1-Trichloroethane	0.0013	U	0.0013	0.00029	mg/Kg	☼	10/03/25 10:13	10/04/25 21:33	1
1,1,2,2-Tetrachloroethane	0.0013	U	0.0013	0.00066	mg/Kg	☼	10/03/25 10:13	10/04/25 21:33	1
1,1,2-Trichloro-1,2,2-trifluoroethane	0.0013	U	0.0013	0.00038	mg/Kg	☼	10/03/25 10:13	10/04/25 21:33	1
1,1,2-Trichloroethane	0.0013	U	0.0013	0.00076	mg/Kg	☼	10/03/25 10:13	10/04/25 21:33	1
1,1-Dichloroethane	0.0013	U	0.0013	0.00075	mg/Kg	☼	10/03/25 10:13	10/04/25 21:33	1
1,1-Dichloroethene	0.0013	U	0.0013	0.00028	mg/Kg	☼	10/03/25 10:13	10/04/25 21:33	1
1,2,3-Trichlorobenzene	0.0013	U	0.0013	0.00093	mg/Kg	☼	10/03/25 10:13	10/04/25 21:33	1
1,2,4-Trichlorobenzene	0.0013	U	0.0013	0.00045	mg/Kg	☼	10/03/25 10:13	10/04/25 21:33	1
1,2,4-Trimethylbenzene	0.0013	U	0.0013	0.00031	mg/Kg	☼	10/03/25 10:13	10/04/25 21:33	1
1,2-Dibromo-3-Chloropropane	0.0013	U	0.0013	0.00058	mg/Kg	☼	10/03/25 10:13	10/04/25 21:33	1
1,2-Dichlorobenzene	0.0013	U	0.0013	0.00046	mg/Kg	☼	10/03/25 10:13	10/04/25 21:33	1
1,2-Dichloroethane	0.0013	U	0.0013	0.00037	mg/Kg	☼	10/03/25 10:13	10/04/25 21:33	1
1,2-Dichloropropane	0.0013	U	0.0013	0.00053	mg/Kg	☼	10/03/25 10:13	10/04/25 21:33	1
1,3,5-Trimethylbenzene	0.0013	U	0.0013	0.00040	mg/Kg	☼	10/03/25 10:13	10/04/25 21:33	1
1,3-Dichlorobenzene	0.0013	U	0.0013	0.00046	mg/Kg	☼	10/03/25 10:13	10/04/25 21:33	1
1,4-Dichlorobenzene	0.0013	U	0.0013	0.00066	mg/Kg	☼	10/03/25 10:13	10/04/25 21:33	1
2-Butanone (MEK)	0.0063	U	0.0063	0.00047	mg/Kg	☼	10/03/25 10:13	10/04/25 21:33	1
2-Hexanone	0.0063	U	0.0063	0.0022	mg/Kg	☼	10/03/25 10:13	10/04/25 21:33	1
4-Methyl-2-pentanone (MIBK)	0.0063	U	0.0063	0.0020	mg/Kg	☼	10/03/25 10:13	10/04/25 21:33	1
Acetone	0.0076	U	0.0076	0.0072	mg/Kg	☼	10/03/25 10:13	10/04/25 21:33	1
Benzene	0.0013	U	0.0013	0.00072	mg/Kg	☼	10/03/25 10:13	10/04/25 21:33	1
Bromoform	0.0013	U	0.0013	0.00054	mg/Kg	☼	10/03/25 10:13	10/04/25 21:33	1
Bromomethane	0.0025	U	0.0025	0.0013	mg/Kg	☼	10/03/25 10:13	10/04/25 21:33	1

Client Sample ID: 55A1_3-4
Date Collected: 09/30/25 08:15
Date Received: 09/30/25 16:15

Lab Sample ID: 460-336081-18
Matrix: Solid
Percent Solids: 95.6

Method: SW846 8260D - Volatile Organic Compounds by GC/MS (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Carbon disulfide	0.0013	U	0.0013	0.00034	mg/Kg	☼	10/03/25 10:13	10/04/25 21:33	1
Carbon tetrachloride	0.0013	U	0.0013	0.00049	mg/Kg	☼	10/03/25 10:13	10/04/25 21:33	1
Chlorobenzene	0.0013	U	0.0013	0.00064	mg/Kg	☼	10/03/25 10:13	10/04/25 21:33	1
Chlorobromomethane	0.0013	U	0.0013	0.00075	mg/Kg	☼	10/03/25 10:13	10/04/25 21:33	1
Chlorodibromomethane	0.0013	U	0.0013	0.00068	mg/Kg	☼	10/03/25 10:13	10/04/25 21:33	1
Chloroethane	0.0013	U	0.0013	0.00066	mg/Kg	☼	10/03/25 10:13	10/04/25 21:33	1
Chloroform	0.0013	U	0.0013	0.0012	mg/Kg	☼	10/03/25 10:13	10/04/25 21:33	1
Chloromethane	0.0013	U	0.0013	0.00055	mg/Kg	☼	10/03/25 10:13	10/04/25 21:33	1
cis-1,2-Dichloroethene	0.0013	U	0.0013	0.00045	mg/Kg	☼	10/03/25 10:13	10/04/25 21:33	1
cis-1,3-Dichloropropene	0.0013	U	0.0013	0.00035	mg/Kg	☼	10/03/25 10:13	10/04/25 21:33	1
Cyclohexane	0.0013	U	0.0013	0.00028	mg/Kg	☼	10/03/25 10:13	10/04/25 21:33	1
Dichlorobromomethane	0.0013	U	0.0013	0.00032	mg/Kg	☼	10/03/25 10:13	10/04/25 21:33	1
Dichlorodifluoromethane	0.0013	U	0.0013	0.00043	mg/Kg	☼	10/03/25 10:13	10/04/25 21:33	1
Ethylbenzene	0.0013	U	0.0013	0.00059	mg/Kg	☼	10/03/25 10:13	10/04/25 21:33	1
Ethylene Dibromide	0.0013	U	0.0013	0.00064	mg/Kg	☼	10/03/25 10:13	10/04/25 21:33	1
Isopropylbenzene	0.0013	U	0.0013	0.00036	mg/Kg	☼	10/03/25 10:13	10/04/25 21:33	1
Methyl acetate	0.0063	U	0.0063	0.0054	mg/Kg	☼	10/03/25 10:13	10/04/25 21:33	1
Methyl tert-butyl ether	0.0013	U	0.0013	0.00065	mg/Kg	☼	10/03/25 10:13	10/04/25 21:33	1
Methylcyclohexane	0.0013	U	0.0013	0.00063	mg/Kg	☼	10/03/25 10:13	10/04/25 21:33	1
Methylene Chloride	**0.0031**		0.0025	0.0014	mg/Kg	☼	10/03/25 10:13	10/04/25 21:33	1
m-Xylene & p-Xylene	0.0013	U	0.0013	0.00053	mg/Kg	☼	10/03/25 10:13	10/04/25 21:33	1
n-Butylbenzene	0.0013	U	0.0013	0.00037	mg/Kg	☼	10/03/25 10:13	10/04/25 21:33	1
N-Propylbenzene	0.0013	U	0.0013	0.00057	mg/Kg	☼	10/03/25 10:13	10/04/25 21:33	1
o-Xylene	0.0013	U	0.0013	0.00058	mg/Kg	☼	10/03/25 10:13	10/04/25 21:33	1
sec-Butylbenzene	0.0013	U	0.0013	0.00036	mg/Kg	☼	10/03/25 10:13	10/04/25 21:33	1
Styrene	0.0013	U	0.0013	0.00035	mg/Kg	☼	10/03/25 10:13	10/04/25 21:33	1
tert-Butylbenzene	0.0013	U	0.0013	0.00035	mg/Kg	☼	10/03/25 10:13	10/04/25 21:33	1
Tetrachloroethene	0.0013	U	0.0013	0.00039	mg/Kg	☼	10/03/25 10:13	10/04/25 21:33	1
Toluene	0.0013	U	0.0013	0.00030	mg/Kg	☼	10/03/25 10:13	10/04/25 21:33	1
trans-1,2-Dichloroethene	0.0013	U	0.0013	0.00031	mg/Kg	☼	10/03/25 10:13	10/04/25 21:33	1
trans-1,3-Dichloropropene	0.0013	U	0.0013	0.00034	mg/Kg	☼	10/03/25 10:13	10/04/25 21:33	1
Trichloroethene	0.0013	U	0.0013	0.00041	mg/Kg	☼	10/03/25 10:13	10/04/25 21:33	1
Trichlorofluoromethane	0.0013	U	0.0013	0.00051	mg/Kg	☼	10/03/25 10:13	10/04/25 21:33	1
Vinyl chloride	0.0013	U	0.0013	0.00069	mg/Kg	☼	10/03/25 10:13	10/04/25 21:33	1
Xylenes, Total	0.0025	U	0.0025	0.00022	mg/Kg	☼	10/03/25 10:13	10/04/25 21:33	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,2-Dichloroethane-d4 (Surr)	*116*		*65 - 138*	*10/03/25 10:13*	*10/04/25 21:33*	*1*
4-Bromofluorobenzene	*90*		*71 - 128*	*10/03/25 10:13*	*10/04/25 21:33*	*1*
Dibromofluoromethane (Surr)	*107*		*50 - 150*	*10/03/25 10:13*	*10/04/25 21:33*	*1*
Toluene-d8 (Surr)	*99*		*71 - 126*	*10/03/25 10:13*	*10/04/25 21:33*	*1*

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Percent Moisture (EPA Moisture)	**4.4**		1.0	1.0	%			10/05/25 13:43	1
Percent Solids (EPA Moisture)	**95.6**		1.0	1.0	%			10/05/25 13:43	1

Client: Haley & Aldrich, Inc.
Project/Site: Former Port Mobil

Job ID: 460-336081-1

Client Sample ID: 55A2_4-5
Date Collected: 09/30/25 08:20
Date Received: 09/30/25 16:15

Lab Sample ID: 460-336081-19
Matrix: Solid
Percent Solids: 97.8

Method: SW846 8260D - Volatile Organic Compounds by GC/MS

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1-Trichloroethane	0.00099	U	0.00099	0.00023	mg/Kg	☼	10/03/25 10:13	10/04/25 21:57	1
1,1,2,2-Tetrachloroethane	0.00099	U	0.00099	0.00052	mg/Kg	☼	10/03/25 10:13	10/04/25 21:57	1
1,1,2-Trichloro-1,2,2-trifluoroethane	0.00099	U	0.00099	0.00030	mg/Kg	☼	10/03/25 10:13	10/04/25 21:57	1
1,1,2-Trichloroethane	0.00099	U	0.00099	0.00059	mg/Kg	☼	10/03/25 10:13	10/04/25 21:57	1
1,1-Dichloroethane	0.00099	U	0.00099	0.00059	mg/Kg	☼	10/03/25 10:13	10/04/25 21:57	1
1,1-Dichloroethene	0.00099	U	0.00099	0.00022	mg/Kg	☼	10/03/25 10:13	10/04/25 21:57	1
1,2,3-Trichlorobenzene	0.00099	U	0.00099	0.00073	mg/Kg	☼	10/03/25 10:13	10/04/25 21:57	1
1,2,4-Trichlorobenzene	0.00099	U	0.00099	0.00035	mg/Kg	☼	10/03/25 10:13	10/04/25 21:57	1
1,2,4-Trimethylbenzene	0.00099	U	0.00099	0.00024	mg/Kg	☼	10/03/25 10:13	10/04/25 21:57	1
1,2-Dibromo-3-Chloropropane	0.00099	U	0.00099	0.00046	mg/Kg	☼	10/03/25 10:13	10/04/25 21:57	1
1,2-Dichlorobenzene	0.00099	U	0.00099	0.00036	mg/Kg	☼	10/03/25 10:13	10/04/25 21:57	1
1,2-Dichloroethane	0.00099	U	0.00099	0.00029	mg/Kg	☼	10/03/25 10:13	10/04/25 21:57	1
1,2-Dichloropropane	0.00099	U	0.00099	0.00042	mg/Kg	☼	10/03/25 10:13	10/04/25 21:57	1
1,3,5-Trimethylbenzene	0.00099	U	0.00099	0.00031	mg/Kg	☼	10/03/25 10:13	10/04/25 21:57	1
1,3-Dichlorobenzene	0.00099	U	0.00099	0.00036	mg/Kg	☼	10/03/25 10:13	10/04/25 21:57	1
1,4-Dichlorobenzene	0.00099	U	0.00099	0.00051	mg/Kg	☼	10/03/25 10:13	10/04/25 21:57	1
2-Butanone (MEK)	0.0049	U	0.0049	0.00036	mg/Kg	☼	10/03/25 10:13	10/04/25 21:57	1
2-Hexanone	0.0049	U	0.0049	0.0017	mg/Kg	☼	10/03/25 10:13	10/04/25 21:57	1
4-Methyl-2-pentanone (MIBK)	0.0049	U	0.0049	0.0015	mg/Kg	☼	10/03/25 10:13	10/04/25 21:57	1
Acetone	0.0059	U	0.0059	0.0057	mg/Kg	☼	10/03/25 10:13	10/04/25 21:57	1
Benzene	0.00099	U	0.00099	0.00056	mg/Kg	☼	10/03/25 10:13	10/04/25 21:57	1
Bromoform	0.00099	U	0.00099	0.00042	mg/Kg	☼	10/03/25 10:13	10/04/25 21:57	1
Bromomethane	0.0020	U	0.0020	0.00099	mg/Kg	☼	10/03/25 10:13	10/04/25 21:57	1
Carbon disulfide	0.00099	U	0.00099	0.00026	mg/Kg	☼	10/03/25 10:13	10/04/25 21:57	1
Carbon tetrachloride	0.00099	U	0.00099	0.00038	mg/Kg	☼	10/03/25 10:13	10/04/25 21:57	1
Chlorobenzene	0.00099	U	0.00099	0.00050	mg/Kg	☼	10/03/25 10:13	10/04/25 21:57	1
Chlorobromomethane	0.00099	U	0.00099	0.00059	mg/Kg	☼	10/03/25 10:13	10/04/25 21:57	1
Chlorodibromomethane	0.00099	U	0.00099	0.00053	mg/Kg	☼	10/03/25 10:13	10/04/25 21:57	1
Chloroethane	0.00099	U	0.00099	0.00052	mg/Kg	☼	10/03/25 10:13	10/04/25 21:57	1
Chloroform	0.00099	U	0.00099	0.00096	mg/Kg	☼	10/03/25 10:13	10/04/25 21:57	1
Chloromethane	0.00099	U	0.00099	0.00043	mg/Kg	☼	10/03/25 10:13	10/04/25 21:57	1
cis-1,2-Dichloroethene	0.00099	U	0.00099	0.00035	mg/Kg	☼	10/03/25 10:13	10/04/25 21:57	1
cis-1,3-Dichloropropene	0.00099	U	0.00099	0.00027	mg/Kg	☼	10/03/25 10:13	10/04/25 21:57	1
Cyclohexane	0.00099	U	0.00099	0.00022	mg/Kg	☼	10/03/25 10:13	10/04/25 21:57	1
Dichlorobromomethane	0.00099	U	0.00099	0.00025	mg/Kg	☼	10/03/25 10:13	10/04/25 21:57	1
Dichlorodifluoromethane	0.00099	U	0.00099	0.00033	mg/Kg	☼	10/03/25 10:13	10/04/25 21:57	1
Ethylbenzene	0.00099	U	0.00099	0.00046	mg/Kg	☼	10/03/25 10:13	10/04/25 21:57	1
Ethylene Dibromide	0.00099	U	0.00099	0.00050	mg/Kg	☼	10/03/25 10:13	10/04/25 21:57	1
Isopropylbenzene	0.00099	U	0.00099	0.00028	mg/Kg	☼	10/03/25 10:13	10/04/25 21:57	1
Methyl acetate	0.0049	U	0.0049	0.0043	mg/Kg	☼	10/03/25 10:13	10/04/25 21:57	1
Methyl tert-butyl ether	0.00099	U	0.00099	0.00051	mg/Kg	☼	10/03/25 10:13	10/04/25 21:57	1
Methylcyclohexane	0.00099	U	0.00099	0.00049	mg/Kg	☼	10/03/25 10:13	10/04/25 21:57	1
Methylene Chloride	**0.0051**		0.0020	0.0011	mg/Kg	☼	10/03/25 10:13	10/04/25 21:57	1
m-Xylene & p-Xylene	0.00099	U	0.00099	0.00042	mg/Kg	☼	10/03/25 10:13	10/04/25 21:57	1
n-Butylbenzene	0.00099	U	0.00099	0.00029	mg/Kg	☼	10/03/25 10:13	10/04/25 21:57	1
N-Propylbenzene	0.00099	U	0.00099	0.00044	mg/Kg	☼	10/03/25 10:13	10/04/25 21:57	1
o-Xylene	0.00099	U	0.00099	0.00046	mg/Kg	☼	10/03/25 10:13	10/04/25 21:57	1
sec-Butylbenzene	0.00099	U	0.00099	0.00028	mg/Kg	☼	10/03/25 10:13	10/04/25 21:57	1
Styrene	0.00099	U	0.00099	0.00028	mg/Kg	☼	10/03/25 10:13	10/04/25 21:57	1

Client Sample ID: 55A2_4-5

Lab Sample ID: 460-336081-19

Date Collected: 09/30/25 08:20
Matrix: Solid
Date Received: 09/30/25 16:15
Percent Solids: 97.8

Method: SW846 8260D - Volatile Organic Compounds by GC/MS (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
tert-Butylbenzene	0.00099	U	0.00099	0.00027	mg/Kg	☼	10/03/25 10:13	10/04/25 21:57	1
Tetrachloroethene	0.00099	U	0.00099	0.00030	mg/Kg	☼	10/03/25 10:13	10/04/25 21:57	1
Toluene	0.00099	U	0.00099	0.00023	mg/Kg	☼	10/03/25 10:13	10/04/25 21:57	1
trans-1,2-Dichloroethene	0.00099	U	0.00099	0.00024	mg/Kg	☼	10/03/25 10:13	10/04/25 21:57	1
trans-1,3-Dichloropropene	0.00099	U	0.00099	0.00026	mg/Kg	☼	10/03/25 10:13	10/04/25 21:57	1
Trichloroethene	0.00099	U	0.00099	0.00032	mg/Kg	☼	10/03/25 10:13	10/04/25 21:57	1
Trichlorofluoromethane	0.00099	U	0.00099	0.00040	mg/Kg	☼	10/03/25 10:13	10/04/25 21:57	1
Vinyl chloride	0.00099	U	0.00099	0.00054	mg/Kg	☼	10/03/25 10:13	10/04/25 21:57	1
Xylenes, Total	0.0020	U	0.0020	0.00017	mg/Kg	☼	10/03/25 10:13	10/04/25 21:57	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,2-Dichloroethane-d4 (Surr)	*116*		*65 - 138*	*10/03/25 10:13*	*10/04/25 21:57*	*1*
4-Bromofluorobenzene	*91*		*71 - 128*	*10/03/25 10:13*	*10/04/25 21:57*	*1*
Dibromofluoromethane (Surr)	*107*		*50 - 150*	*10/03/25 10:13*	*10/04/25 21:57*	*1*
Toluene-d8 (Surr)	*98*		*71 - 126*	*10/03/25 10:13*	*10/04/25 21:57*	*1*

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Percent Moisture (EPA Moisture)	**2.2**		1.0	1.0	%			10/05/25 13:43	1
Percent Solids (EPA Moisture)	**97.8**		1.0	1.0	%			10/05/25 13:43	1

Client Sample ID: 55A3_5-6

Lab Sample ID: 460-336081-20

Date Collected: 09/30/25 08:25
Matrix: Solid
Date Received: 09/30/25 16:15
Percent Solids: 96.8

Method: SW846 8260D - Volatile Organic Compounds by GC/MS

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1-Trichloroethane	0.00084	U	0.00084	0.00020	mg/Kg	☼	10/03/25 10:13	10/04/25 22:21	1
1,1,2,2-Tetrachloroethane	0.00084	U	0.00084	0.00044	mg/Kg	☼	10/03/25 10:13	10/04/25 22:21	1
1,1,2-Trichloro-1,2,2-trifluoroethane	0.00084	U	0.00084	0.00025	mg/Kg	☼	10/03/25 10:13	10/04/25 22:21	1
1,1,2-Trichloroethane	0.00084	U	0.00084	0.00050	mg/Kg	☼	10/03/25 10:13	10/04/25 22:21	1
1,1-Dichloroethane	0.00084	U	0.00084	0.00050	mg/Kg	☼	10/03/25 10:13	10/04/25 22:21	1
1,1-Dichloroethene	0.00084	U	0.00084	0.00019	mg/Kg	☼	10/03/25 10:13	10/04/25 22:21	1
1,2,3-Trichlorobenzene	0.00084	U	0.00084	0.00062	mg/Kg	☼	10/03/25 10:13	10/04/25 22:21	1
1,2,4-Trichlorobenzene	0.00084	U	0.00084	0.00030	mg/Kg	☼	10/03/25 10:13	10/04/25 22:21	1
1,2,4-Trimethylbenzene	0.00084	U	0.00084	0.00021	mg/Kg	☼	10/03/25 10:13	10/04/25 22:21	1
1,2-Dibromo-3-Chloropropane	0.00084	U	0.00084	0.00039	mg/Kg	☼	10/03/25 10:13	10/04/25 22:21	1
1,2-Dichlorobenzene	0.00084	U	0.00084	0.00030	mg/Kg	☼	10/03/25 10:13	10/04/25 22:21	1
1,2-Dichloroethane	0.00084	U	0.00084	0.00025	mg/Kg	☼	10/03/25 10:13	10/04/25 22:21	1
1,2-Dichloropropane	0.00084	U	0.00084	0.00035	mg/Kg	☼	10/03/25 10:13	10/04/25 22:21	1
1,3,5-Trimethylbenzene	0.00084	U	0.00084	0.00026	mg/Kg	☼	10/03/25 10:13	10/04/25 22:21	1
1,3-Dichlorobenzene	0.00084	U	0.00084	0.00031	mg/Kg	☼	10/03/25 10:13	10/04/25 22:21	1
1,4-Dichlorobenzene	0.00084	U	0.00084	0.00044	mg/Kg	☼	10/03/25 10:13	10/04/25 22:21	1
2-Butanone (MEK)	0.0042	U	0.0042	0.00031	mg/Kg	☼	10/03/25 10:13	10/04/25 22:21	1
2-Hexanone	0.0042	U	0.0042	0.0014	mg/Kg	☼	10/03/25 10:13	10/04/25 22:21	1
4-Methyl-2-pentanone (MIBK)	0.0042	U	0.0042	0.0013	mg/Kg	☼	10/03/25 10:13	10/04/25 22:21	1
Acetone	0.0050	U	0.0050	0.0048	mg/Kg	☼	10/03/25 10:13	10/04/25 22:21	1
Benzene	0.00084	U	0.00084	0.00048	mg/Kg	☼	10/03/25 10:13	10/04/25 22:21	1
Bromoform	0.00084	U	0.00084	0.00036	mg/Kg	☼	10/03/25 10:13	10/04/25 22:21	1
Bromomethane	0.0017	U	0.0017	0.00084	mg/Kg	☼	10/03/25 10:13	10/04/25 22:21	1

Client Sample ID: 55A3_5-6
Date Collected: 09/30/25 08:25
Date Received: 09/30/25 16:15

Lab Sample ID: 460-336081-20
Matrix: Solid
Percent Solids: 96.8

Method: SW846 8260D - Volatile Organic Compounds by GC/MS (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Carbon disulfide	0.00084	U	0.00084	0.00022	mg/Kg	☼	10/03/25 10:13	10/04/25 22:21	1
Carbon tetrachloride	0.00084	U	0.00084	0.00032	mg/Kg	☼	10/03/25 10:13	10/04/25 22:21	1
Chlorobenzene	0.00084	U	0.00084	0.00043	mg/Kg	☼	10/03/25 10:13	10/04/25 22:21	1
Chlorobromomethane	0.00084	U	0.00084	0.00050	mg/Kg	☼	10/03/25 10:13	10/04/25 22:21	1
Chlorodibromomethane	0.00084	U	0.00084	0.00045	mg/Kg	☼	10/03/25 10:13	10/04/25 22:21	1
Chloroethane	0.00084	U	0.00084	0.00044	mg/Kg	☼	10/03/25 10:13	10/04/25 22:21	1
Chloroform	0.00084	U	0.00084	0.00081	mg/Kg	☼	10/03/25 10:13	10/04/25 22:21	1
Chloromethane	0.00084	U	0.00084	0.00037	mg/Kg	☼	10/03/25 10:13	10/04/25 22:21	1
cis-1,2-Dichloroethene	0.00084	U	0.00084	0.00030	mg/Kg	☼	10/03/25 10:13	10/04/25 22:21	1
cis-1,3-Dichloropropene	0.00084	U	0.00084	0.00023	mg/Kg	☼	10/03/25 10:13	10/04/25 22:21	1
Cyclohexane	0.00084	U	0.00084	0.00019	mg/Kg	☼	10/03/25 10:13	10/04/25 22:21	1
Dichlorobromomethane	0.00084	U	0.00084	0.00022	mg/Kg	☼	10/03/25 10:13	10/04/25 22:21	1
Dichlorodifluoromethane	0.00084	U	0.00084	0.00028	mg/Kg	☼	10/03/25 10:13	10/04/25 22:21	1
Ethylbenzene	0.00084	U	0.00084	0.00039	mg/Kg	☼	10/03/25 10:13	10/04/25 22:21	1
Ethylene Dibromide	0.00084	U	0.00084	0.00042	mg/Kg	☼	10/03/25 10:13	10/04/25 22:21	1
Isopropylbenzene	0.00084	U	0.00084	0.00024	mg/Kg	☼	10/03/25 10:13	10/04/25 22:21	1
Methyl acetate	0.0042	U	0.0042	0.0036	mg/Kg	☼	10/03/25 10:13	10/04/25 22:21	1
Methyl tert-butyl ether	0.00084	U	0.00084	0.00043	mg/Kg	☼	10/03/25 10:13	10/04/25 22:21	1
Methylcyclohexane	0.00084	U	0.00084	0.00042	mg/Kg	☼	10/03/25 10:13	10/04/25 22:21	1
Methylene Chloride	**0.0027**		0.0017	0.00096	mg/Kg	☼	10/03/25 10:13	10/04/25 22:21	1
m-Xylene & p-Xylene	0.00084	U	0.00084	0.00035	mg/Kg	☼	10/03/25 10:13	10/04/25 22:21	1
n-Butylbenzene	0.00084	U	0.00084	0.00025	mg/Kg	☼	10/03/25 10:13	10/04/25 22:21	1
N-Propylbenzene	0.00084	U	0.00084	0.00038	mg/Kg	☼	10/03/25 10:13	10/04/25 22:21	1
o-Xylene	0.00084	U	0.00084	0.00039	mg/Kg	☼	10/03/25 10:13	10/04/25 22:21	1
sec-Butylbenzene	0.00084	U	0.00084	0.00024	mg/Kg	☼	10/03/25 10:13	10/04/25 22:21	1
Styrene	0.00084	U	0.00084	0.00023	mg/Kg	☼	10/03/25 10:13	10/04/25 22:21	1
tert-Butylbenzene	0.00084	U	0.00084	0.00023	mg/Kg	☼	10/03/25 10:13	10/04/25 22:21	1
Tetrachloroethene	0.00084	U	0.00084	0.00026	mg/Kg	☼	10/03/25 10:13	10/04/25 22:21	1
Toluene	0.00084	U	0.00084	0.00020	mg/Kg	☼	10/03/25 10:13	10/04/25 22:21	1
trans-1,2-Dichloroethene	0.00084	U	0.00084	0.00021	mg/Kg	☼	10/03/25 10:13	10/04/25 22:21	1
trans-1,3-Dichloropropene	0.00084	U	0.00084	0.00022	mg/Kg	☼	10/03/25 10:13	10/04/25 22:21	1
Trichloroethene	0.00084	U	0.00084	0.00027	mg/Kg	☼	10/03/25 10:13	10/04/25 22:21	1
Trichlorofluoromethane	0.00084	U	0.00084	0.00034	mg/Kg	☼	10/03/25 10:13	10/04/25 22:21	1
Vinyl chloride	0.00084	U	0.00084	0.00046	mg/Kg	☼	10/03/25 10:13	10/04/25 22:21	1
Xylenes, Total	0.0017	U	0.0017	0.00015	mg/Kg	☼	10/03/25 10:13	10/04/25 22:21	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,2-Dichloroethane-d4 (Surr)	*122*		*65 - 138*	*10/03/25 10:13*	*10/04/25 22:21*	*1*
4-Bromofluorobenzene	*88*		*71 - 128*	*10/03/25 10:13*	*10/04/25 22:21*	*1*
Dibromofluoromethane (Surr)	*110*		*50 - 150*	*10/03/25 10:13*	*10/04/25 22:21*	*1*
Toluene-d8 (Surr)	*96*		*71 - 126*	*10/03/25 10:13*	*10/04/25 22:21*	*1*

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Percent Moisture (EPA Moisture)	**3.2**		1.0	1.0	%			10/05/25 13:43	1
Percent Solids (EPA Moisture)	**96.8**		1.0	1.0	%			10/05/25 13:43	1

Client: Haley & Aldrich, Inc.
Project/Site: Former Port Mobil

Job ID: 460-336081-1

Client Sample ID: 55A3_4-5
Date Collected: 09/30/25 08:30
Date Received: 09/30/25 16:15

Lab Sample ID: 460-336081-21
Matrix: Solid
Percent Solids: 95.6

Method: SW846 8260D - Volatile Organic Compounds by GC/MS

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1-Trichloroethane	0.00093	U	0.00093	0.00022	mg/Kg	☼	10/03/25 10:14	10/04/25 22:45	1
1,1,2,2-Tetrachloroethane	0.00093	U	0.00093	0.00049	mg/Kg	☼	10/03/25 10:14	10/04/25 22:45	1
1,1,2-Trichloro-1,2,2-trifluoroethane	0.00093	U	0.00093	0.00028	mg/Kg	☼	10/03/25 10:14	10/04/25 22:45	1
1,1,2-Trichloroethane	0.00093	U	0.00093	0.00056	mg/Kg	☼	10/03/25 10:14	10/04/25 22:45	1
1,1-Dichloroethane	0.00093	U	0.00093	0.00056	mg/Kg	☼	10/03/25 10:14	10/04/25 22:45	1
1,1-Dichloroethene	0.00093	U	0.00093	0.00021	mg/Kg	☼	10/03/25 10:14	10/04/25 22:45	1
1,2,3-Trichlorobenzene	0.00093	U	0.00093	0.00069	mg/Kg	☼	10/03/25 10:14	10/04/25 22:45	1
1,2,4-Trichlorobenzene	0.00093	U	0.00093	0.00033	mg/Kg	☼	10/03/25 10:14	10/04/25 22:45	1
1,2,4-Trimethylbenzene	0.00093	U	0.00093	0.00023	mg/Kg	☼	10/03/25 10:14	10/04/25 22:45	1
1,2-Dibromo-3-Chloropropane	0.00093	U	0.00093	0.00043	mg/Kg	☼	10/03/25 10:14	10/04/25 22:45	1
1,2-Dichlorobenzene	0.00093	U	0.00093	0.00034	mg/Kg	☼	10/03/25 10:14	10/04/25 22:45	1
1,2-Dichloroethane	0.00093	U	0.00093	0.00028	mg/Kg	☼	10/03/25 10:14	10/04/25 22:45	1
1,2-Dichloropropane	0.00093	U	0.00093	0.00040	mg/Kg	☼	10/03/25 10:14	10/04/25 22:45	1
1,3,5-Trimethylbenzene	0.00093	U	0.00093	0.00029	mg/Kg	☼	10/03/25 10:14	10/04/25 22:45	1
1,3-Dichlorobenzene	0.00093	U	0.00093	0.00034	mg/Kg	☼	10/03/25 10:14	10/04/25 22:45	1
1,4-Dichlorobenzene	0.00093	U	0.00093	0.00049	mg/Kg	☼	10/03/25 10:14	10/04/25 22:45	1
2-Butanone (MEK)	0.0047	U	0.0047	0.00034	mg/Kg	☼	10/03/25 10:14	10/04/25 22:45	1
2-Hexanone	0.0047	U	0.0047	0.0016	mg/Kg	☼	10/03/25 10:14	10/04/25 22:45	1
4-Methyl-2-pentanone (MIBK)	0.0047	U	0.0047	0.0015	mg/Kg	☼	10/03/25 10:14	10/04/25 22:45	1
Acetone	0.0056	U	0.0056	0.0053	mg/Kg	☼	10/03/25 10:14	10/04/25 22:45	1
Benzene	0.00093	U	0.00093	0.00053	mg/Kg	☼	10/03/25 10:14	10/04/25 22:45	1
Bromoform	0.00093	U	0.00093	0.00040	mg/Kg	☼	10/03/25 10:14	10/04/25 22:45	1
Bromomethane	0.0019	U	0.0019	0.00093	mg/Kg	☼	10/03/25 10:14	10/04/25 22:45	1
Carbon disulfide	0.00093	U	0.00093	0.00025	mg/Kg	☼	10/03/25 10:14	10/04/25 22:45	1
Carbon tetrachloride	0.00093	U	0.00093	0.00036	mg/Kg	☼	10/03/25 10:14	10/04/25 22:45	1
Chlorobenzene	0.00093	U	0.00093	0.00047	mg/Kg	☼	10/03/25 10:14	10/04/25 22:45	1
Chlorobromomethane	0.00093	U	0.00093	0.00056	mg/Kg	☼	10/03/25 10:14	10/04/25 22:45	1
Chlorodibromomethane	0.00093	U	0.00093	0.00050	mg/Kg	☼	10/03/25 10:14	10/04/25 22:45	1
Chloroethane	0.00093	U	0.00093	0.00049	mg/Kg	☼	10/03/25 10:14	10/04/25 22:45	1
Chloroform	0.00093	U	0.00093	0.00091	mg/Kg	☼	10/03/25 10:14	10/04/25 22:45	1
Chloromethane	0.00093	U	0.00093	0.00041	mg/Kg	☼	10/03/25 10:14	10/04/25 22:45	1
cis-1,2-Dichloroethene	0.00093	U	0.00093	0.00033	mg/Kg	☼	10/03/25 10:14	10/04/25 22:45	1
cis-1,3-Dichloropropene	0.00093	U	0.00093	0.00026	mg/Kg	☼	10/03/25 10:14	10/04/25 22:45	1
Cyclohexane	0.00093	U	0.00093	0.00021	mg/Kg	☼	10/03/25 10:14	10/04/25 22:45	1
Dichlorobromomethane	0.00093	U	0.00093	0.00024	mg/Kg	☼	10/03/25 10:14	10/04/25 22:45	1
Dichlorodifluoromethane	0.00093	U	0.00093	0.00032	mg/Kg	☼	10/03/25 10:14	10/04/25 22:45	1
Ethylbenzene	0.00093	U	0.00093	0.00044	mg/Kg	☼	10/03/25 10:14	10/04/25 22:45	1
Ethylene Dibromide	0.00093	U	0.00093	0.00047	mg/Kg	☼	10/03/25 10:14	10/04/25 22:45	1
Isopropylbenzene	0.00093	U	0.00093	0.00027	mg/Kg	☼	10/03/25 10:14	10/04/25 22:45	1
Methyl acetate	0.0047	U	0.0047	0.0040	mg/Kg	☼	10/03/25 10:14	10/04/25 22:45	1
Methyl tert-butyl ether	0.00093	U	0.00093	0.00048	mg/Kg	☼	10/03/25 10:14	10/04/25 22:45	1
Methylcyclohexane	0.00093	U	0.00093	0.00047	mg/Kg	☼	10/03/25 10:14	10/04/25 22:45	1
Methylene Chloride	**0.0041**		0.0019	0.0011	mg/Kg	☼	10/03/25 10:14	10/04/25 22:45	1
m-Xylene & p-Xylene	0.00093	U	0.00093	0.00040	mg/Kg	☼	10/03/25 10:14	10/04/25 22:45	1
n-Butylbenzene	0.00093	U	0.00093	0.00027	mg/Kg	☼	10/03/25 10:14	10/04/25 22:45	1
N-Propylbenzene	0.00093	U	0.00093	0.00042	mg/Kg	☼	10/03/25 10:14	10/04/25 22:45	1
o-Xylene	0.00093	U	0.00093	0.00043	mg/Kg	☼	10/03/25 10:14	10/04/25 22:45	1
sec-Butylbenzene	0.00093	U	0.00093	0.00027	mg/Kg	☼	10/03/25 10:14	10/04/25 22:45	1
Styrene	0.00093	U	0.00093	0.00026	mg/Kg	☼	10/03/25 10:14	10/04/25 22:45	1

Client Sample ID: 55A3_4-5

Date Collected: 09/30/25 08:30
Date Received: 09/30/25 16:15

Lab Sample ID: 460-336081-21

Matrix: Solid
Percent Solids: 95.6

Method: SW846 8260D - Volatile Organic Compounds by GC/MS (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
tert-Butylbenzene	0.00093	U	0.00093	0.00026	mg/Kg	☼	10/03/25 10:14	10/04/25 22:45	1
Tetrachloroethene	0.00093	U	0.00093	0.00029	mg/Kg	☼	10/03/25 10:14	10/04/25 22:45	1
Toluene	0.00093	U	0.00093	0.00022	mg/Kg	☼	10/03/25 10:14	10/04/25 22:45	1
trans-1,2-Dichloroethene	0.00093	U	0.00093	0.00023	mg/Kg	☼	10/03/25 10:14	10/04/25 22:45	1
trans-1,3-Dichloropropene	0.00093	U	0.00093	0.00025	mg/Kg	☼	10/03/25 10:14	10/04/25 22:45	1
Trichloroethene	0.00093	U	0.00093	0.00030	mg/Kg	☼	10/03/25 10:14	10/04/25 22:45	1
Trichlorofluoromethane	0.00093	U	0.00093	0.00038	mg/Kg	☼	10/03/25 10:14	10/04/25 22:45	1
Vinyl chloride	0.00093	U	0.00093	0.00051	mg/Kg	☼	10/03/25 10:14	10/04/25 22:45	1
Xylenes, Total	0.0019	U	0.0019	0.00016	mg/Kg	☼	10/03/25 10:14	10/04/25 22:45	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,2-Dichloroethane-d4 (Surr)	*120*		*65 - 138*	*10/03/25 10:14*	*10/04/25 22:45*	*1*
4-Bromofluorobenzene	*93*		*71 - 128*	*10/03/25 10:14*	*10/04/25 22:45*	*1*
Dibromofluoromethane (Surr)	*114*		*50 - 150*	*10/03/25 10:14*	*10/04/25 22:45*	*1*
Toluene-d8 (Surr)	*103*		*71 - 126*	*10/03/25 10:14*	*10/04/25 22:45*	*1*

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Percent Moisture (EPA Moisture)	**4.4**		1.0	1.0	%			10/05/25 13:43	1
Percent Solids (EPA Moisture)	**95.6**		1.0	1.0	%			10/05/25 13:43	1

Client Sample ID: 55B1_1-2

Date Collected: 09/30/25 08:35
Date Received: 09/30/25 16:15

Lab Sample ID: 460-336081-22

Matrix: Solid
Percent Solids: 98.4

Method: SW846 8260D - Volatile Organic Compounds by GC/MS

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1-Trichloroethane	0.0011	U	0.0011	0.00025	mg/Kg	☼	10/03/25 10:14	10/04/25 23:08	1
1,1,2,2-Tetrachloroethane	0.0011	U	0.0011	0.00056	mg/Kg	☼	10/03/25 10:14	10/04/25 23:08	1
1,1,2-Trichloro-1,2,2-trifluoroethane	0.0011	U	0.0011	0.00032	mg/Kg	☼	10/03/25 10:14	10/04/25 23:08	1
1,1,2-Trichloroethane	0.0011	U	0.0011	0.00064	mg/Kg	☼	10/03/25 10:14	10/04/25 23:08	1
1,1-Dichloroethane	0.0011	U	0.0011	0.00064	mg/Kg	☼	10/03/25 10:14	10/04/25 23:08	1
1,1-Dichloroethene	0.0011	U	0.0011	0.00024	mg/Kg	☼	10/03/25 10:14	10/04/25 23:08	1
1,2,3-Trichlorobenzene	0.0011	U	0.0011	0.00079	mg/Kg	☼	10/03/25 10:14	10/04/25 23:08	1
1,2,4-Trichlorobenzene	0.0011	U	0.0011	0.00038	mg/Kg	☼	10/03/25 10:14	10/04/25 23:08	1
1,2,4-Trimethylbenzene	0.0011	U	0.0011	0.00026	mg/Kg	☼	10/03/25 10:14	10/04/25 23:08	1
1,2-Dibromo-3-Chloropropane	0.0011	U	0.0011	0.00049	mg/Kg	☼	10/03/25 10:14	10/04/25 23:08	1
1,2-Dichlorobenzene	0.0011	U	0.0011	0.00039	mg/Kg	☼	10/03/25 10:14	10/04/25 23:08	1
1,2-Dichloroethane	0.0011	U	0.0011	0.00032	mg/Kg	☼	10/03/25 10:14	10/04/25 23:08	1
1,2-Dichloropropane	0.0011	U	0.0011	0.00045	mg/Kg	☼	10/03/25 10:14	10/04/25 23:08	1
1,3,5-Trimethylbenzene	0.0011	U	0.0011	0.00034	mg/Kg	☼	10/03/25 10:14	10/04/25 23:08	1
1,3-Dichlorobenzene	0.0011	U	0.0011	0.00039	mg/Kg	☼	10/03/25 10:14	10/04/25 23:08	1
1,4-Dichlorobenzene	0.0011	U	0.0011	0.00056	mg/Kg	☼	10/03/25 10:14	10/04/25 23:08	1
2-Butanone (MEK)	0.0053	U	0.0053	0.00039	mg/Kg	☼	10/03/25 10:14	10/04/25 23:08	1
2-Hexanone	0.0053	U	0.0053	0.0018	mg/Kg	☼	10/03/25 10:14	10/04/25 23:08	1
4-Methyl-2-pentanone (MIBK)	0.0053	U	0.0053	0.0017	mg/Kg	☼	10/03/25 10:14	10/04/25 23:08	1
Acetone	0.0064	U	0.0064	0.0061	mg/Kg	☼	10/03/25 10:14	10/04/25 23:08	1
Benzene	0.0011	U	0.0011	0.00061	mg/Kg	☼	10/03/25 10:14	10/04/25 23:08	1
Bromoform	0.0011	U	0.0011	0.00045	mg/Kg	☼	10/03/25 10:14	10/04/25 23:08	1
Bromomethane	0.0021	U	0.0021	0.0011	mg/Kg	☼	10/03/25 10:14	10/04/25 23:08	1

Client Sample ID: 55B1_1-2
Date Collected: 09/30/25 08:35
Date Received: 09/30/25 16:15

Lab Sample ID: 460-336081-22
Matrix: Solid
Percent Solids: 98.4

Method: SW846 8260D - Volatile Organic Compounds by GC/MS (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Carbon disulfide	0.0011	U	0.0011	0.00028	mg/Kg	☼	10/03/25 10:14	10/04/25 23:08	1
Carbon tetrachloride	0.0011	U	0.0011	0.00041	mg/Kg	☼	10/03/25 10:14	10/04/25 23:08	1
Chlorobenzene	0.0011	U	0.0011	0.00054	mg/Kg	☼	10/03/25 10:14	10/04/25 23:08	1
Chlorobromomethane	0.0011	U	0.0011	0.00064	mg/Kg	☼	10/03/25 10:14	10/04/25 23:08	1
Chlorodibromomethane	0.0011	U	0.0011	0.00057	mg/Kg	☼	10/03/25 10:14	10/04/25 23:08	1
Chloroethane	0.0011	U	0.0011	0.00056	mg/Kg	☼	10/03/25 10:14	10/04/25 23:08	1
Chloroform	0.0011	U	0.0011	0.0010	mg/Kg	☼	10/03/25 10:14	10/04/25 23:08	1
Chloromethane	0.0011	U	0.0011	0.00047	mg/Kg	☼	10/03/25 10:14	10/04/25 23:08	1
cis-1,2-Dichloroethene	0.0011	U	0.0011	0.00038	mg/Kg	☼	10/03/25 10:14	10/04/25 23:08	1
cis-1,3-Dichloropropene	0.0011	U	0.0011	0.00029	mg/Kg	☼	10/03/25 10:14	10/04/25 23:08	1
Cyclohexane	0.0011	U	0.0011	0.00024	mg/Kg	☼	10/03/25 10:14	10/04/25 23:08	1
Dichlorobromomethane	0.0011	U	0.0011	0.00027	mg/Kg	☼	10/03/25 10:14	10/04/25 23:08	1
Dichlorodifluoromethane	0.0011	U	0.0011	0.00036	mg/Kg	☼	10/03/25 10:14	10/04/25 23:08	1
Ethylbenzene	0.0011	U	0.0011	0.00050	mg/Kg	☼	10/03/25 10:14	10/04/25 23:08	1
Ethylene Dibromide	0.0011	U	0.0011	0.00054	mg/Kg	☼	10/03/25 10:14	10/04/25 23:08	1
Isopropylbenzene	0.0011	U	0.0011	0.00030	mg/Kg	☼	10/03/25 10:14	10/04/25 23:08	1
Methyl acetate	0.0053	U	0.0053	0.0046	mg/Kg	☼	10/03/25 10:14	10/04/25 23:08	1
Methyl tert-butyl ether	0.0011	U	0.0011	0.00055	mg/Kg	☼	10/03/25 10:14	10/04/25 23:08	1
Methylcyclohexane	0.0011	U	0.0011	0.00053	mg/Kg	☼	10/03/25 10:14	10/04/25 23:08	1
Methylene Chloride	**0.0044**		0.0021	0.0012	mg/Kg	☼	10/03/25 10:14	10/04/25 23:08	1
m-Xylene & p-Xylene	0.0011	U	0.0011	0.00045	mg/Kg	☼	10/03/25 10:14	10/04/25 23:08	1
n-Butylbenzene	0.0011	U	0.0011	0.00031	mg/Kg	☼	10/03/25 10:14	10/04/25 23:08	1
N-Propylbenzene	0.0011	U	0.0011	0.00048	mg/Kg	☼	10/03/25 10:14	10/04/25 23:08	1
o-Xylene	0.0011	U	0.0011	0.00049	mg/Kg	☼	10/03/25 10:14	10/04/25 23:08	1
sec-Butylbenzene	0.0011	U	0.0011	0.00031	mg/Kg	☼	10/03/25 10:14	10/04/25 23:08	1
Styrene	0.0011	U	0.0011	0.00030	mg/Kg	☼	10/03/25 10:14	10/04/25 23:08	1
tert-Butylbenzene	0.0011	U	0.0011	0.00030	mg/Kg	☼	10/03/25 10:14	10/04/25 23:08	1
Tetrachloroethene	0.0011	U	0.0011	0.00033	mg/Kg	☼	10/03/25 10:14	10/04/25 23:08	1
Toluene	0.0011	U	0.0011	0.00025	mg/Kg	☼	10/03/25 10:14	10/04/25 23:08	1
trans-1,2-Dichloroethene	0.0011	U	0.0011	0.00026	mg/Kg	☼	10/03/25 10:14	10/04/25 23:08	1
trans-1,3-Dichloropropene	0.0011	U	0.0011	0.00028	mg/Kg	☼	10/03/25 10:14	10/04/25 23:08	1
Trichloroethene	0.0011	U	0.0011	0.00034	mg/Kg	☼	10/03/25 10:14	10/04/25 23:08	1
Trichlorofluoromethane	0.0011	U	0.0011	0.00043	mg/Kg	☼	10/03/25 10:14	10/04/25 23:08	1
Vinyl chloride	0.0011	U	0.0011	0.00058	mg/Kg	☼	10/03/25 10:14	10/04/25 23:08	1
Xylenes, Total	0.0021	U	0.0021	0.00019	mg/Kg	☼	10/03/25 10:14	10/04/25 23:08	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,2-Dichloroethane-d4 (Surr)	*121*		*65 - 138*	*10/03/25 10:14*	*10/04/25 23:08*	*1*
4-Bromofluorobenzene	*94*		*71 - 128*	*10/03/25 10:14*	*10/04/25 23:08*	*1*
Dibromofluoromethane (Surr)	*110*		*50 - 150*	*10/03/25 10:14*	*10/04/25 23:08*	*1*
Toluene-d8 (Surr)	*101*		*71 - 126*	*10/03/25 10:14*	*10/04/25 23:08*	*1*

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Percent Moisture (EPA Moisture)	**1.6**		1.0	1.0	%			10/05/25 13:43	1
Percent Solids (EPA Moisture)	**98.4**		1.0	1.0	%			10/05/25 13:43	1

Client: Haley & Aldrich, Inc.
Project/Site: Former Port Mobil

Job ID: 460-336081-1

Client Sample ID: 55B2_2-3
Date Collected: 09/30/25 08:40
Date Received: 09/30/25 16:15

Lab Sample ID: 460-336081-23
Matrix: Solid
Percent Solids: 98.9

Method: SW846 8260D - Volatile Organic Compounds by GC/MS

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1-Trichloroethane	0.0010	U	0.0010	0.00024	mg/Kg	☼	10/03/25 10:14	10/04/25 23:32	1
1,1,2,2-Tetrachloroethane	0.0010	U	0.0010	0.00055	mg/Kg	☼	10/03/25 10:14	10/04/25 23:32	1
1,1,2-Trichloro-1,2,2-trifluoroethane	0.0010	U	0.0010	0.00032	mg/Kg	☼	10/03/25 10:14	10/04/25 23:32	1
1,1,2-Trichloroethane	0.0010	U	0.0010	0.00063	mg/Kg	☼	10/03/25 10:14	10/04/25 23:32	1
1,1-Dichloroethane	0.0010	U	0.0010	0.00063	mg/Kg	☼	10/03/25 10:14	10/04/25 23:32	1
1,1-Dichloroethene	0.0010	U	0.0010	0.00024	mg/Kg	☼	10/03/25 10:14	10/04/25 23:32	1
1,2,3-Trichlorobenzene	0.0010	U	0.0010	0.00077	mg/Kg	☼	10/03/25 10:14	10/04/25 23:32	1
1,2,4-Trichlorobenzene	0.0010	U	0.0010	0.00038	mg/Kg	☼	10/03/25 10:14	10/04/25 23:32	1
1,2,4-Trimethylbenzene	0.0010	U	0.0010	0.00026	mg/Kg	☼	10/03/25 10:14	10/04/25 23:32	1
1,2-Dibromo-3-Chloropropane	0.0010	U	0.0010	0.00048	mg/Kg	☼	10/03/25 10:14	10/04/25 23:32	1
1,2-Dichlorobenzene	0.0010	U	0.0010	0.00038	mg/Kg	☼	10/03/25 10:14	10/04/25 23:32	1
1,2-Dichloroethane	0.0010	U	0.0010	0.00031	mg/Kg	☼	10/03/25 10:14	10/04/25 23:32	1
1,2-Dichloropropane	0.0010	U	0.0010	0.00044	mg/Kg	☼	10/03/25 10:14	10/04/25 23:32	1
1,3,5-Trimethylbenzene	0.0010	U	0.0010	0.00033	mg/Kg	☼	10/03/25 10:14	10/04/25 23:32	1
1,3-Dichlorobenzene	0.0010	U	0.0010	0.00038	mg/Kg	☼	10/03/25 10:14	10/04/25 23:32	1
1,4-Dichlorobenzene	0.0010	U	0.0010	0.00054	mg/Kg	☼	10/03/25 10:14	10/04/25 23:32	1
2-Butanone (MEK)	0.0052	U	0.0052	0.00039	mg/Kg	☼	10/03/25 10:14	10/04/25 23:32	1
2-Hexanone	0.0052	U	0.0052	0.0018	mg/Kg	☼	10/03/25 10:14	10/04/25 23:32	1
4-Methyl-2-pentanone (MIBK)	0.0052	U	0.0052	0.0016	mg/Kg	☼	10/03/25 10:14	10/04/25 23:32	1
Acetone	0.0063	U	0.0063	0.0060	mg/Kg	☼	10/03/25 10:14	10/04/25 23:32	1
Benzene	0.0010	U	0.0010	0.00059	mg/Kg	☼	10/03/25 10:14	10/04/25 23:32	1
Bromoform	0.0010	U	0.0010	0.00045	mg/Kg	☼	10/03/25 10:14	10/04/25 23:32	1
Bromomethane	0.0021	U	0.0021	0.0010	mg/Kg	☼	10/03/25 10:14	10/04/25 23:32	1
Carbon disulfide	0.0010	U	0.0010	0.00028	mg/Kg	☼	10/03/25 10:14	10/04/25 23:32	1
Carbon tetrachloride	0.0010	U	0.0010	0.00041	mg/Kg	☼	10/03/25 10:14	10/04/25 23:32	1
Chlorobenzene	0.0010	U	0.0010	0.00053	mg/Kg	☼	10/03/25 10:14	10/04/25 23:32	1
Chlorobromomethane	0.0010	U	0.0010	0.00062	mg/Kg	☼	10/03/25 10:14	10/04/25 23:32	1
Chlorodibromomethane	0.0010	U	0.0010	0.00056	mg/Kg	☼	10/03/25 10:14	10/04/25 23:32	1
Chloroethane	0.0010	U	0.0010	0.00055	mg/Kg	☼	10/03/25 10:14	10/04/25 23:32	1
Chloroform	0.0010	U	0.0010	0.0010	mg/Kg	☼	10/03/25 10:14	10/04/25 23:32	1
Chloromethane	0.0010	U	0.0010	0.00046	mg/Kg	☼	10/03/25 10:14	10/04/25 23:32	1
cis-1,2-Dichloroethene	0.0010	U	0.0010	0.00038	mg/Kg	☼	10/03/25 10:14	10/04/25 23:32	1
cis-1,3-Dichloropropene	0.0010	U	0.0010	0.00029	mg/Kg	☼	10/03/25 10:14	10/04/25 23:32	1
Cyclohexane	0.0010	U	0.0010	0.00023	mg/Kg	☼	10/03/25 10:14	10/04/25 23:32	1
Dichlorobromomethane	0.0010	U	0.0010	0.00027	mg/Kg	☼	10/03/25 10:14	10/04/25 23:32	1
Dichlorodifluoromethane	0.0010	U	0.0010	0.00035	mg/Kg	☼	10/03/25 10:14	10/04/25 23:32	1
Ethylbenzene	0.0010	U	0.0010	0.00049	mg/Kg	☼	10/03/25 10:14	10/04/25 23:32	1
Ethylene Dibromide	0.0010	U	0.0010	0.00053	mg/Kg	☼	10/03/25 10:14	10/04/25 23:32	1
Isopropylbenzene	0.0010	U	0.0010	0.00030	mg/Kg	☼	10/03/25 10:14	10/04/25 23:32	1
Methyl acetate	0.0052	U	0.0052	0.0045	mg/Kg	☼	10/03/25 10:14	10/04/25 23:32	1
Methyl tert-butyl ether	0.0010	U	0.0010	0.00054	mg/Kg	☼	10/03/25 10:14	10/04/25 23:32	1
Methylcyclohexane	0.0010	U	0.0010	0.00052	mg/Kg	☼	10/03/25 10:14	10/04/25 23:32	1
Methylene Chloride	**0.0054**		0.0021	0.0012	mg/Kg	☼	10/03/25 10:14	10/04/25 23:32	1
m-Xylene & p-Xylene	0.0010	U	0.0010	0.00044	mg/Kg	☼	10/03/25 10:14	10/04/25 23:32	1
n-Butylbenzene	0.0010	U	0.0010	0.00031	mg/Kg	☼	10/03/25 10:14	10/04/25 23:32	1
N-Propylbenzene	0.0010	U	0.0010	0.00047	mg/Kg	☼	10/03/25 10:14	10/04/25 23:32	1
o-Xylene	0.0010	U	0.0010	0.00048	mg/Kg	☼	10/03/25 10:14	10/04/25 23:32	1
sec-Butylbenzene	0.0010	U	0.0010	0.00030	mg/Kg	☼	10/03/25 10:14	10/04/25 23:32	1
Styrene	0.0010	U	0.0010	0.00029	mg/Kg	☼	10/03/25 10:14	10/04/25 23:32	1

Client Sample ID: 55B2_2-3

Lab Sample ID: 460-336081-23

Date Collected: 09/30/25 08:40
Matrix: Solid
Date Received: 09/30/25 16:15
Percent Solids: 98.9

Method: SW846 8260D - Volatile Organic Compounds by GC/MS (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
tert-Butylbenzene	0.0010	U	0.0010	0.00029	mg/Kg	☼	10/03/25 10:14	10/04/25 23:32	1
Tetrachloroethene	0.0010	U	0.0010	0.00032	mg/Kg	☼	10/03/25 10:14	10/04/25 23:32	1
Toluene	0.0010	U	0.0010	0.00025	mg/Kg	☼	10/03/25 10:14	10/04/25 23:32	1
trans-1,2-Dichloroethene	0.0010	U	0.0010	0.00026	mg/Kg	☼	10/03/25 10:14	10/04/25 23:32	1
trans-1,3-Dichloropropene	0.0010	U	0.0010	0.00028	mg/Kg	☼	10/03/25 10:14	10/04/25 23:32	1
Trichloroethene	0.0010	U	0.0010	0.00034	mg/Kg	☼	10/03/25 10:14	10/04/25 23:32	1
Trichlorofluoromethane	0.0010	U	0.0010	0.00043	mg/Kg	☼	10/03/25 10:14	10/04/25 23:32	1
Vinyl chloride	0.0010	U	0.0010	0.00057	mg/Kg	☼	10/03/25 10:14	10/04/25 23:32	1
Xylenes, Total	0.0021	U	0.0021	0.00018	mg/Kg	☼	10/03/25 10:14	10/04/25 23:32	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,2-Dichloroethane-d4 (Surr)	*116*		*65 - 138*	*10/03/25 10:14*	*10/04/25 23:32*	*1*
4-Bromofluorobenzene	*90*		*71 - 128*	*10/03/25 10:14*	*10/04/25 23:32*	*1*
Dibromofluoromethane (Surr)	*107*		*50 - 150*	*10/03/25 10:14*	*10/04/25 23:32*	*1*
Toluene-d8 (Surr)	*99*		*71 - 126*	*10/03/25 10:14*	*10/04/25 23:32*	*1*

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Percent Moisture (EPA Moisture)	**1.1**		1.0	1.0	%			10/05/25 13:43	1
Percent Solids (EPA Moisture)	**98.9**		1.0	1.0	%			10/05/25 13:43	1

Client Sample ID: 55B3_3-4

Lab Sample ID: 460-336081-24

Date Collected: 09/30/25 08:45
Matrix: Solid
Date Received: 09/30/25 16:15
Percent Solids: 99.5

Method: SW846 8260D - Volatile Organic Compounds by GC/MS

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1-Trichloroethane	0.0011	U	0.0011	0.00025	mg/Kg	☼	10/03/25 10:15	10/04/25 23:56	1
1,1,2,2-Tetrachloroethane	0.0011	U	0.0011	0.00056	mg/Kg	☼	10/03/25 10:15	10/04/25 23:56	1
1,1,2-Trichloro-1,2,2-trifluoroethane	0.0011	U	0.0011	0.00032	mg/Kg	☼	10/03/25 10:15	10/04/25 23:56	1
1,1,2-Trichloroethane	0.0011	U	0.0011	0.00064	mg/Kg	☼	10/03/25 10:15	10/04/25 23:56	1
1,1-Dichloroethane	0.0011	U	0.0011	0.00064	mg/Kg	☼	10/03/25 10:15	10/04/25 23:56	1
1,1-Dichloroethene	0.0011	U	0.0011	0.00024	mg/Kg	☼	10/03/25 10:15	10/04/25 23:56	1
1,2,3-Trichlorobenzene	0.0011	U	0.0011	0.00079	mg/Kg	☼	10/03/25 10:15	10/04/25 23:56	1
1,2,4-Trichlorobenzene	0.0011	U	0.0011	0.00038	mg/Kg	☼	10/03/25 10:15	10/04/25 23:56	1
1,2,4-Trimethylbenzene	0.0011	U	0.0011	0.00026	mg/Kg	☼	10/03/25 10:15	10/04/25 23:56	1
1,2-Dibromo-3-Chloropropane	0.0011	U	0.0011	0.00049	mg/Kg	☼	10/03/25 10:15	10/04/25 23:56	1
1,2-Dichlorobenzene	0.0011	U	0.0011	0.00039	mg/Kg	☼	10/03/25 10:15	10/04/25 23:56	1
1,2-Dichloroethane	0.0011	U	0.0011	0.00032	mg/Kg	☼	10/03/25 10:15	10/04/25 23:56	1
1,2-Dichloropropane	0.0011	U	0.0011	0.00045	mg/Kg	☼	10/03/25 10:15	10/04/25 23:56	1
1,3,5-Trimethylbenzene	0.0011	U	0.0011	0.00034	mg/Kg	☼	10/03/25 10:15	10/04/25 23:56	1
1,3-Dichlorobenzene	0.0011	U	0.0011	0.00039	mg/Kg	☼	10/03/25 10:15	10/04/25 23:56	1
1,4-Dichlorobenzene	0.0011	U	0.0011	0.00056	mg/Kg	☼	10/03/25 10:15	10/04/25 23:56	1
2-Butanone (MEK)	0.0054	U	0.0054	0.00039	mg/Kg	☼	10/03/25 10:15	10/04/25 23:56	1
2-Hexanone	0.0054	U	0.0054	0.0018	mg/Kg	☼	10/03/25 10:15	10/04/25 23:56	1
4-Methyl-2-pentanone (MIBK)	0.0054	U	0.0054	0.0017	mg/Kg	☼	10/03/25 10:15	10/04/25 23:56	1
Acetone	0.0064	U	0.0064	0.0061	mg/Kg	☼	10/03/25 10:15	10/04/25 23:56	1
Benzene	0.0011	U	0.0011	0.00061	mg/Kg	☼	10/03/25 10:15	10/04/25 23:56	1
Bromoform	0.0011	U	0.0011	0.00046	mg/Kg	☼	10/03/25 10:15	10/04/25 23:56	1
Bromomethane	0.0021	U	0.0021	0.0011	mg/Kg	☼	10/03/25 10:15	10/04/25 23:56	1

Client Sample ID: 55B3_3-4
Date Collected: 09/30/25 08:45
Date Received: 09/30/25 16:15

Lab Sample ID: 460-336081-24
Matrix: Solid
Percent Solids: 99.5

Method: SW846 8260D - Volatile Organic Compounds by GC/MS (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Carbon disulfide	0.0011	U	0.0011	0.00029	mg/Kg	☼	10/03/25 10:15	10/04/25 23:56	1
Carbon tetrachloride	0.0011	U	0.0011	0.00042	mg/Kg	☼	10/03/25 10:15	10/04/25 23:56	1
Chlorobenzene	0.0011	U	0.0011	0.00054	mg/Kg	☼	10/03/25 10:15	10/04/25 23:56	1
Chlorobromomethane	0.0011	U	0.0011	0.00064	mg/Kg	☼	10/03/25 10:15	10/04/25 23:56	1
Chlorodibromomethane	0.0011	U	0.0011	0.00058	mg/Kg	☼	10/03/25 10:15	10/04/25 23:56	1
Chloroethane	0.0011	U	0.0011	0.00056	mg/Kg	☼	10/03/25 10:15	10/04/25 23:56	1
Chloroform	0.0011	U	0.0011	0.0010	mg/Kg	☼	10/03/25 10:15	10/04/25 23:56	1
Chloromethane	0.0011	U	0.0011	0.00047	mg/Kg	☼	10/03/25 10:15	10/04/25 23:56	1
cis-1,2-Dichloroethene	0.0011	U	0.0011	0.00038	mg/Kg	☼	10/03/25 10:15	10/04/25 23:56	1
cis-1,3-Dichloropropene	0.0011	U	0.0011	0.00029	mg/Kg	☼	10/03/25 10:15	10/04/25 23:56	1
Cyclohexane	0.0011	U	0.0011	0.00024	mg/Kg	☼	10/03/25 10:15	10/04/25 23:56	1
Dichlorobromomethane	0.0011	U	0.0011	0.00028	mg/Kg	☼	10/03/25 10:15	10/04/25 23:56	1
Dichlorodifluoromethane	0.0011	U	0.0011	0.00036	mg/Kg	☼	10/03/25 10:15	10/04/25 23:56	1
Ethylbenzene	0.0011	U	0.0011	0.00050	mg/Kg	☼	10/03/25 10:15	10/04/25 23:56	1
Ethylene Dibromide	0.0011	U	0.0011	0.00054	mg/Kg	☼	10/03/25 10:15	10/04/25 23:56	1
Isopropylbenzene	0.0011	U	0.0011	0.00031	mg/Kg	☼	10/03/25 10:15	10/04/25 23:56	1
Methyl acetate	0.0054	U	0.0054	0.0046	mg/Kg	☼	10/03/25 10:15	10/04/25 23:56	1
Methyl tert-butyl ether	0.0011	U	0.0011	0.00055	mg/Kg	☼	10/03/25 10:15	10/04/25 23:56	1
Methylcyclohexane	0.0011	U	0.0011	0.00054	mg/Kg	☼	10/03/25 10:15	10/04/25 23:56	1
Methylene Chloride	**0.0043**		0.0021	0.0012	mg/Kg	☼	10/03/25 10:15	10/04/25 23:56	1
m-Xylene & p-Xylene	0.0011	U	0.0011	0.00045	mg/Kg	☼	10/03/25 10:15	10/04/25 23:56	1
n-Butylbenzene	0.0011	U	0.0011	0.00032	mg/Kg	☼	10/03/25 10:15	10/04/25 23:56	1
N-Propylbenzene	0.0011	U	0.0011	0.00048	mg/Kg	☼	10/03/25 10:15	10/04/25 23:56	1
o-Xylene	0.0011	U	0.0011	0.00049	mg/Kg	☼	10/03/25 10:15	10/04/25 23:56	1
sec-Butylbenzene	0.0011	U	0.0011	0.00031	mg/Kg	☼	10/03/25 10:15	10/04/25 23:56	1
Styrene	0.0011	U	0.0011	0.00030	mg/Kg	☼	10/03/25 10:15	10/04/25 23:56	1
tert-Butylbenzene	0.0011	U	0.0011	0.00030	mg/Kg	☼	10/03/25 10:15	10/04/25 23:56	1
Tetrachloroethene	0.0011	U	0.0011	0.00033	mg/Kg	☼	10/03/25 10:15	10/04/25 23:56	1
Toluene	0.0011	U	0.0011	0.00025	mg/Kg	☼	10/03/25 10:15	10/04/25 23:56	1
trans-1,2-Dichloroethene	0.0011	U	0.0011	0.00026	mg/Kg	☼	10/03/25 10:15	10/04/25 23:56	1
trans-1,3-Dichloropropene	0.0011	U	0.0011	0.00029	mg/Kg	☼	10/03/25 10:15	10/04/25 23:56	1
Trichloroethene	0.0011	U	0.0011	0.00034	mg/Kg	☼	10/03/25 10:15	10/04/25 23:56	1
Trichlorofluoromethane	0.0011	U	0.0011	0.00044	mg/Kg	☼	10/03/25 10:15	10/04/25 23:56	1
Vinyl chloride	0.0011	U	0.0011	0.00059	mg/Kg	☼	10/03/25 10:15	10/04/25 23:56	1
Xylenes, Total	0.0021	U	0.0021	0.00019	mg/Kg	☼	10/03/25 10:15	10/04/25 23:56	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,2-Dichloroethane-d4 (Surr)	*113*		*65 - 138*	*10/03/25 10:15*	*10/04/25 23:56*	*1*
4-Bromofluorobenzene	*90*		*71 - 128*	*10/03/25 10:15*	*10/04/25 23:56*	*1*
Dibromofluoromethane (Surr)	*107*		*50 - 150*	*10/03/25 10:15*	*10/04/25 23:56*	*1*
Toluene-d8 (Surr)	*97*		*71 - 126*	*10/03/25 10:15*	*10/04/25 23:56*	*1*

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Percent Moisture (EPA Moisture)	1.0	U	1.0	1.0	%			10/05/25 13:43	1
Percent Solids (EPA Moisture)	**99.5**		1.0	1.0	%			10/05/25 13:43	1

Client: Haley & Aldrich, Inc.
Project/Site: Former Port Mobil

Job ID: 460-336081-1

Client Sample ID: 55B1_3-4
Date Collected: 09/30/25 08:50
Date Received: 09/30/25 16:15

Lab Sample ID: 460-336081-25
Matrix: Solid
Percent Solids: 98.5

Method: SW846 8260D - Volatile Organic Compounds by GC/MS

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1-Trichloroethane	0.00097	U	0.00097	0.00023	mg/Kg	☼	10/03/25 10:15	10/05/25 00:20	1
1,1,2,2-Tetrachloroethane	0.00097	U	0.00097	0.00051	mg/Kg	☼	10/03/25 10:15	10/05/25 00:20	1
1,1,2-Trichloro-1,2,2-trifluoroethane	0.00097	U	0.00097	0.00029	mg/Kg	☼	10/03/25 10:15	10/05/25 00:20	1
1,1,2-Trichloroethane	0.00097	U	0.00097	0.00058	mg/Kg	☼	10/03/25 10:15	10/05/25 00:20	1
1,1-Dichloroethane	0.00097	U	0.00097	0.00058	mg/Kg	☼	10/03/25 10:15	10/05/25 00:20	1
1,1-Dichloroethene	0.00097	U	0.00097	0.00022	mg/Kg	☼	10/03/25 10:15	10/05/25 00:20	1
1,2,3-Trichlorobenzene	0.00097	U	0.00097	0.00072	mg/Kg	☼	10/03/25 10:15	10/05/25 00:20	1
1,2,4-Trichlorobenzene	0.00097	U	0.00097	0.00035	mg/Kg	☼	10/03/25 10:15	10/05/25 00:20	1
1,2,4-Trimethylbenzene	0.00097	U	0.00097	0.00024	mg/Kg	☼	10/03/25 10:15	10/05/25 00:20	1
1,2-Dibromo-3-Chloropropane	0.00097	U	0.00097	0.00045	mg/Kg	☼	10/03/25 10:15	10/05/25 00:20	1
1,2-Dichlorobenzene	0.00097	U	0.00097	0.00035	mg/Kg	☼	10/03/25 10:15	10/05/25 00:20	1
1,2-Dichloroethane	0.00097	U	0.00097	0.00029	mg/Kg	☼	10/03/25 10:15	10/05/25 00:20	1
1,2-Dichloropropane	0.00097	U	0.00097	0.00041	mg/Kg	☼	10/03/25 10:15	10/05/25 00:20	1
1,3,5-Trimethylbenzene	0.00097	U	0.00097	0.00031	mg/Kg	☼	10/03/25 10:15	10/05/25 00:20	1
1,3-Dichlorobenzene	0.00097	U	0.00097	0.00036	mg/Kg	☼	10/03/25 10:15	10/05/25 00:20	1
1,4-Dichlorobenzene	0.00097	U	0.00097	0.00051	mg/Kg	☼	10/03/25 10:15	10/05/25 00:20	1
2-Butanone (MEK)	0.0049	U	0.0049	0.00036	mg/Kg	☼	10/03/25 10:15	10/05/25 00:20	1
2-Hexanone	0.0049	U	0.0049	0.0017	mg/Kg	☼	10/03/25 10:15	10/05/25 00:20	1
4-Methyl-2-pentanone (MIBK)	0.0049	U	0.0049	0.0015	mg/Kg	☼	10/03/25 10:15	10/05/25 00:20	1
Acetone	0.0058	U	0.0058	0.0056	mg/Kg	☼	10/03/25 10:15	10/05/25 00:20	1
Benzene	0.00097	U	0.00097	0.00055	mg/Kg	☼	10/03/25 10:15	10/05/25 00:20	1
Bromoform	0.00097	U	0.00097	0.00041	mg/Kg	☼	10/03/25 10:15	10/05/25 00:20	1
Bromomethane	0.0019	U	0.0019	0.00097	mg/Kg	☼	10/03/25 10:15	10/05/25 00:20	1
Carbon disulfide	0.00097	U	0.00097	0.00026	mg/Kg	☼	10/03/25 10:15	10/05/25 00:20	1
Carbon tetrachloride	0.00097	U	0.00097	0.00038	mg/Kg	☼	10/03/25 10:15	10/05/25 00:20	1
Chlorobenzene	0.00097	U	0.00097	0.00049	mg/Kg	☼	10/03/25 10:15	10/05/25 00:20	1
Chlorobromomethane	0.00097	U	0.00097	0.00058	mg/Kg	☼	10/03/25 10:15	10/05/25 00:20	1
Chlorodibromomethane	0.00097	U	0.00097	0.00052	mg/Kg	☼	10/03/25 10:15	10/05/25 00:20	1
Chloroethane	0.00097	U	0.00097	0.00051	mg/Kg	☼	10/03/25 10:15	10/05/25 00:20	1
Chloroform	0.00097	U	0.00097	0.00094	mg/Kg	☼	10/03/25 10:15	10/05/25 00:20	1
Chloromethane	0.00097	U	0.00097	0.00042	mg/Kg	☼	10/03/25 10:15	10/05/25 00:20	1
cis-1,2-Dichloroethene	0.00097	U	0.00097	0.00035	mg/Kg	☼	10/03/25 10:15	10/05/25 00:20	1
cis-1,3-Dichloropropene	0.00097	U	0.00097	0.00027	mg/Kg	☼	10/03/25 10:15	10/05/25 00:20	1
Cyclohexane	0.00097	U	0.00097	0.00022	mg/Kg	☼	10/03/25 10:15	10/05/25 00:20	1
Dichlorobromomethane	0.00097	U	0.00097	0.00025	mg/Kg	☼	10/03/25 10:15	10/05/25 00:20	1
Dichlorodifluoromethane	0.00097	U	0.00097	0.00033	mg/Kg	☼	10/03/25 10:15	10/05/25 00:20	1
Ethylbenzene	0.00097	U	0.00097	0.00046	mg/Kg	☼	10/03/25 10:15	10/05/25 00:20	1
Ethylene Dibromide	0.00097	U	0.00097	0.00049	mg/Kg	☼	10/03/25 10:15	10/05/25 00:20	1
Isopropylbenzene	0.00097	U	0.00097	0.00028	mg/Kg	☼	10/03/25 10:15	10/05/25 00:20	1
Methyl acetate	0.0049	U	0.0049	0.0042	mg/Kg	☼	10/03/25 10:15	10/05/25 00:20	1
Methyl tert-butyl ether	0.00097	U	0.00097	0.00050	mg/Kg	☼	10/03/25 10:15	10/05/25 00:20	1
Methylcyclohexane	0.00097	U	0.00097	0.00049	mg/Kg	☼	10/03/25 10:15	10/05/25 00:20	1
Methylene Chloride	**0.0043**		0.0019	0.0011	mg/Kg	☼	10/03/25 10:15	10/05/25 00:20	1
m-Xylene & p-Xylene	0.00097	U	0.00097	0.00041	mg/Kg	☼	10/03/25 10:15	10/05/25 00:20	1
n-Butylbenzene	0.00097	U	0.00097	0.00029	mg/Kg	☼	10/03/25 10:15	10/05/25 00:20	1
N-Propylbenzene	0.00097	U	0.00097	0.00044	mg/Kg	☼	10/03/25 10:15	10/05/25 00:20	1
o-Xylene	0.00097	U	0.00097	0.00045	mg/Kg	☼	10/03/25 10:15	10/05/25 00:20	1
sec-Butylbenzene	0.00097	U	0.00097	0.00028	mg/Kg	☼	10/03/25 10:15	10/05/25 00:20	1
Styrene	0.00097	U	0.00097	0.00027	mg/Kg	☼	10/03/25 10:15	10/05/25 00:20	1

Client Sample ID: 55B1_3-4

Lab Sample ID: 460-336081-25
Date Collected: 09/30/25 08:50
Matrix: Solid
Date Received: 09/30/25 16:15
Percent Solids: 98.5

Method: SW846 8260D - Volatile Organic Compounds by GC/MS (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
tert-Butylbenzene	0.00097	U	0.00097	0.00027	mg/Kg	☼	10/03/25 10:15	10/05/25 00:20	1
Tetrachloroethene	0.00097	U	0.00097	0.00030	mg/Kg	☼	10/03/25 10:15	10/05/25 00:20	1
Toluene	0.00097	U	0.00097	0.00023	mg/Kg	☼	10/03/25 10:15	10/05/25 00:20	1
trans-1,2-Dichloroethene	0.00097	U	0.00097	0.00024	mg/Kg	☼	10/03/25 10:15	10/05/25 00:20	1
trans-1,3-Dichloropropene	0.00097	U	0.00097	0.00026	mg/Kg	☼	10/03/25 10:15	10/05/25 00:20	1
Trichloroethene	0.00097	U	0.00097	0.00031	mg/Kg	☼	10/03/25 10:15	10/05/25 00:20	1
Trichlorofluoromethane	0.00097	U	0.00097	0.00040	mg/Kg	☼	10/03/25 10:15	10/05/25 00:20	1
Vinyl chloride	0.00097	U	0.00097	0.00053	mg/Kg	☼	10/03/25 10:15	10/05/25 00:20	1
Xylenes, Total	0.0019	U	0.0019	0.00017	mg/Kg	☼	10/03/25 10:15	10/05/25 00:20	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,2-Dichloroethane-d4 (Surr)	*118*		*65 - 138*	*10/03/25 10:15*	*10/05/25 00:20*	*1*
4-Bromofluorobenzene	*93*		*71 - 128*	*10/03/25 10:15*	*10/05/25 00:20*	*1*
Dibromofluoromethane (Surr)	*109*		*50 - 150*	*10/03/25 10:15*	*10/05/25 00:20*	*1*
Toluene-d8 (Surr)	*100*		*71 - 126*	*10/03/25 10:15*	*10/05/25 00:20*	*1*

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Percent Moisture (EPA Moisture)	**1.5**		1.0	1.0	%			10/05/25 13:43	1
Percent Solids (EPA Moisture)	**98.5**		1.0	1.0	%			10/05/25 13:43	1

Client Sample ID: 55B2_4-5

Lab Sample ID: 460-336081-26
Date Collected: 09/30/25 08:55
Matrix: Solid
Date Received: 09/30/25 16:15
Percent Solids: 97.3

Method: SW846 8260D - Volatile Organic Compounds by GC/MS

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1-Trichloroethane	0.00086	U	0.00086	0.00020	mg/Kg	☼	10/03/25 10:15	10/05/25 00:44	1
1,1,2,2-Tetrachloroethane	0.00086	U	0.00086	0.00045	mg/Kg	☼	10/03/25 10:15	10/05/25 00:44	1
1,1,2-Trichloro-1,2,2-trifluoroethane	0.00086	U	0.00086	0.00026	mg/Kg	☼	10/03/25 10:15	10/05/25 00:44	1
1,1,2-Trichloroethane	0.00086	U	0.00086	0.00052	mg/Kg	☼	10/03/25 10:15	10/05/25 00:44	1
1,1-Dichloroethane	0.00086	U	0.00086	0.00051	mg/Kg	☼	10/03/25 10:15	10/05/25 00:44	1
1,1-Dichloroethene	0.00086	U	0.00086	0.00019	mg/Kg	☼	10/03/25 10:15	10/05/25 00:44	1
1,2,3-Trichlorobenzene	0.00086	U	0.00086	0.00063	mg/Kg	☼	10/03/25 10:15	10/05/25 00:44	1
1,2,4-Trichlorobenzene	0.00086	U	0.00086	0.00031	mg/Kg	☼	10/03/25 10:15	10/05/25 00:44	1
1,2,4-Trimethylbenzene	0.00086	U	0.00086	0.00021	mg/Kg	☼	10/03/25 10:15	10/05/25 00:44	1
1,2-Dibromo-3-Chloropropane	0.00086	U	0.00086	0.00040	mg/Kg	☼	10/03/25 10:15	10/05/25 00:44	1
1,2-Dichlorobenzene	0.00086	U	0.00086	0.00031	mg/Kg	☼	10/03/25 10:15	10/05/25 00:44	1
1,2-Dichloroethane	0.00086	U	0.00086	0.00025	mg/Kg	☼	10/03/25 10:15	10/05/25 00:44	1
1,2-Dichloropropane	0.00086	U	0.00086	0.00036	mg/Kg	☼	10/03/25 10:15	10/05/25 00:44	1
1,3,5-Trimethylbenzene	0.00086	U	0.00086	0.00027	mg/Kg	☼	10/03/25 10:15	10/05/25 00:44	1
1,3-Dichlorobenzene	0.00086	U	0.00086	0.00031	mg/Kg	☼	10/03/25 10:15	10/05/25 00:44	1
1,4-Dichlorobenzene	0.00086	U	0.00086	0.00045	mg/Kg	☼	10/03/25 10:15	10/05/25 00:44	1
2-Butanone (MEK)	0.0043	U	0.0043	0.00032	mg/Kg	☼	10/03/25 10:15	10/05/25 00:44	1
2-Hexanone	0.0043	U	0.0043	0.0015	mg/Kg	☼	10/03/25 10:15	10/05/25 00:44	1
4-Methyl-2-pentanone (MIBK)	0.0043	U	0.0043	0.0013	mg/Kg	☼	10/03/25 10:15	10/05/25 00:44	1
Acetone	0.0052	U	0.0052	0.0049	mg/Kg	☼	10/03/25 10:15	10/05/25 00:44	1
Benzene	0.00086	U	0.00086	0.00049	mg/Kg	☼	10/03/25 10:15	10/05/25 00:44	1
Bromoform	0.00086	U	0.00086	0.00037	mg/Kg	☼	10/03/25 10:15	10/05/25 00:44	1
Bromomethane	0.0017	U	0.0017	0.00086	mg/Kg	☼	10/03/25 10:15	10/05/25 00:44	1

Client Sample ID: 55B2_4-5
Date Collected: 09/30/25 08:55
Date Received: 09/30/25 16:15

Lab Sample ID: 460-336081-26
Matrix: Solid
Percent Solids: 97.3

Method: SW846 8260D - Volatile Organic Compounds by GC/MS (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Carbon disulfide	0.00086	U	0.00086	0.00023	mg/Kg	☼	10/03/25 10:15	10/05/25 00:44	1
Carbon tetrachloride	0.00086	U	0.00086	0.00033	mg/Kg	☼	10/03/25 10:15	10/05/25 00:44	1
Chlorobenzene	0.00086	U	0.00086	0.00044	mg/Kg	☼	10/03/25 10:15	10/05/25 00:44	1
Chlorobromomethane	0.00086	U	0.00086	0.00051	mg/Kg	☼	10/03/25 10:15	10/05/25 00:44	1
Chlorodibromomethane	0.00086	U	0.00086	0.00046	mg/Kg	☼	10/03/25 10:15	10/05/25 00:44	1
Chloroethane	0.00086	U	0.00086	0.00045	mg/Kg	☼	10/03/25 10:15	10/05/25 00:44	1
Chloroform	0.00086	U	0.00086	0.00083	mg/Kg	☼	10/03/25 10:15	10/05/25 00:44	1
Chloromethane	0.00086	U	0.00086	0.00037	mg/Kg	☼	10/03/25 10:15	10/05/25 00:44	1
cis-1,2-Dichloroethene	0.00086	U	0.00086	0.00031	mg/Kg	☼	10/03/25 10:15	10/05/25 00:44	1
cis-1,3-Dichloropropene	0.00086	U	0.00086	0.00023	mg/Kg	☼	10/03/25 10:15	10/05/25 00:44	1
Cyclohexane	0.00086	U	0.00086	0.00019	mg/Kg	☼	10/03/25 10:15	10/05/25 00:44	1
Dichlorobromomethane	0.00086	U	0.00086	0.00022	mg/Kg	☼	10/03/25 10:15	10/05/25 00:44	1
Dichlorodifluoromethane	0.00086	U	0.00086	0.00029	mg/Kg	☼	10/03/25 10:15	10/05/25 00:44	1
Ethylbenzene	0.00086	U	0.00086	0.00040	mg/Kg	☼	10/03/25 10:15	10/05/25 00:44	1
Ethylene Dibromide	0.00086	U	0.00086	0.00043	mg/Kg	☼	10/03/25 10:15	10/05/25 00:44	1
Isopropylbenzene	0.00086	U	0.00086	0.00024	mg/Kg	☼	10/03/25 10:15	10/05/25 00:44	1
Methyl acetate	0.0043	U	0.0043	0.0037	mg/Kg	☼	10/03/25 10:15	10/05/25 00:44	1
Methyl tert-butyl ether	0.00086	U	0.00086	0.00044	mg/Kg	☼	10/03/25 10:15	10/05/25 00:44	1
Methylcyclohexane	0.00086	U	0.00086	0.00043	mg/Kg	☼	10/03/25 10:15	10/05/25 00:44	1
Methylene Chloride	**0.0029**		0.0017	0.00098	mg/Kg	☼	10/03/25 10:15	10/05/25 00:44	1
m-Xylene & p-Xylene	0.00086	U	0.00086	0.00036	mg/Kg	☼	10/03/25 10:15	10/05/25 00:44	1
n-Butylbenzene	0.00086	U	0.00086	0.00025	mg/Kg	☼	10/03/25 10:15	10/05/25 00:44	1
N-Propylbenzene	0.00086	U	0.00086	0.00039	mg/Kg	☼	10/03/25 10:15	10/05/25 00:44	1
o-Xylene	0.00086	U	0.00086	0.00040	mg/Kg	☼	10/03/25 10:15	10/05/25 00:44	1
sec-Butylbenzene	0.00086	U	0.00086	0.00025	mg/Kg	☼	10/03/25 10:15	10/05/25 00:44	1
Styrene	0.00086	U	0.00086	0.00024	mg/Kg	☼	10/03/25 10:15	10/05/25 00:44	1
tert-Butylbenzene	0.00086	U	0.00086	0.00024	mg/Kg	☼	10/03/25 10:15	10/05/25 00:44	1
Tetrachloroethene	0.00086	U	0.00086	0.00026	mg/Kg	☼	10/03/25 10:15	10/05/25 00:44	1
Toluene	0.00086	U	0.00086	0.00020	mg/Kg	☼	10/03/25 10:15	10/05/25 00:44	1
trans-1,2-Dichloroethene	0.00086	U	0.00086	0.00021	mg/Kg	☼	10/03/25 10:15	10/05/25 00:44	1
trans-1,3-Dichloropropene	0.00086	U	0.00086	0.00023	mg/Kg	☼	10/03/25 10:15	10/05/25 00:44	1
Trichloroethene	0.00086	U	0.00086	0.00028	mg/Kg	☼	10/03/25 10:15	10/05/25 00:44	1
Trichlorofluoromethane	0.00086	U	0.00086	0.00035	mg/Kg	☼	10/03/25 10:15	10/05/25 00:44	1
Vinyl chloride	0.00086	U	0.00086	0.00047	mg/Kg	☼	10/03/25 10:15	10/05/25 00:44	1
Xylenes, Total	0.0017	U	0.0017	0.00015	mg/Kg	☼	10/03/25 10:15	10/05/25 00:44	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,2-Dichloroethane-d4 (Surr)	*120*		*65 - 138*	*10/03/25 10:15*	*10/05/25 00:44*	*1*
4-Bromofluorobenzene	*94*		*71 - 128*	*10/03/25 10:15*	*10/05/25 00:44*	*1*
Dibromofluoromethane (Surr)	*112*		*50 - 150*	*10/03/25 10:15*	*10/05/25 00:44*	*1*
Toluene-d8 (Surr)	*104*		*71 - 126*	*10/03/25 10:15*	*10/05/25 00:44*	*1*

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Percent Moisture (EPA Moisture)	**2.7**		1.0	1.0	%			10/05/25 13:43	1
Percent Solids (EPA Moisture)	**97.3**		1.0	1.0	%			10/05/25 13:43	1

Client Sample ID: 55B3_4-5
Date Collected: 09/30/25 09:00
Date Received: 09/30/25 16:15

Lab Sample ID: 460-336081-27
Matrix: Solid
Percent Solids: 99.3

Method: SW846 8260D - Volatile Organic Compounds by GC/MS

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1-Trichloroethane	0.0012	U	0.0012	0.00028	mg/Kg	☼	10/03/25 10:16	10/05/25 01:07	1
1,1,2,2-Tetrachloroethane	0.0012	U	0.0012	0.00062	mg/Kg	☼	10/03/25 10:16	10/05/25 01:07	1
1,1,2-Trichloro-1,2,2-trifluoroethane	0.0012	U	0.0012	0.00036	mg/Kg	☼	10/03/25 10:16	10/05/25 01:07	1
1,1,2-Trichloroethane	0.0012	U	0.0012	0.00072	mg/Kg	☼	10/03/25 10:16	10/05/25 01:07	1
1,1-Dichloroethane	0.0012	U	0.0012	0.00071	mg/Kg	☼	10/03/25 10:16	10/05/25 01:07	1
1,1-Dichloroethene	0.0012	U	0.0012	0.00027	mg/Kg	☼	10/03/25 10:16	10/05/25 01:07	1
1,2,3-Trichlorobenzene	0.0012	U	0.0012	0.00088	mg/Kg	☼	10/03/25 10:16	10/05/25 01:07	1
1,2,4-Trichlorobenzene	0.0012	U	0.0012	0.00043	mg/Kg	☼	10/03/25 10:16	10/05/25 01:07	1
1,2,4-Trimethylbenzene	0.0012	U	0.0012	0.00029	mg/Kg	☼	10/03/25 10:16	10/05/25 01:07	1
1,2-Dibromo-3-Chloropropane	0.0012	U	0.0012	0.00055	mg/Kg	☼	10/03/25 10:16	10/05/25 01:07	1
1,2-Dichlorobenzene	0.0012	U	0.0012	0.00043	mg/Kg	☼	10/03/25 10:16	10/05/25 01:07	1
1,2-Dichloroethane	0.0012	U	0.0012	0.00035	mg/Kg	☼	10/03/25 10:16	10/05/25 01:07	1
1,2-Dichloropropane	0.0012	U	0.0012	0.00050	mg/Kg	☼	10/03/25 10:16	10/05/25 01:07	1
1,3,5-Trimethylbenzene	0.0012	U	0.0012	0.00037	mg/Kg	☼	10/03/25 10:16	10/05/25 01:07	1
1,3-Dichlorobenzene	0.0012	U	0.0012	0.00043	mg/Kg	☼	10/03/25 10:16	10/05/25 01:07	1
1,4-Dichlorobenzene	0.0012	U	0.0012	0.00062	mg/Kg	☼	10/03/25 10:16	10/05/25 01:07	1
2-Butanone (MEK)	0.0060	U	0.0060	0.00044	mg/Kg	☼	10/03/25 10:16	10/05/25 01:07	1
2-Hexanone	0.0060	U	0.0060	0.0020	mg/Kg	☼	10/03/25 10:16	10/05/25 01:07	1
4-Methyl-2-pentanone (MIBK)	0.0060	U	0.0060	0.0019	mg/Kg	☼	10/03/25 10:16	10/05/25 01:07	1
Acetone	0.0071	U	0.0071	0.0068	mg/Kg	☼	10/03/25 10:16	10/05/25 01:07	1
Benzene	0.0012	U	0.0012	0.00067	mg/Kg	☼	10/03/25 10:16	10/05/25 01:07	1
Bromoform	0.0012	U	0.0012	0.00051	mg/Kg	☼	10/03/25 10:16	10/05/25 01:07	1
Bromomethane	0.0024	U	0.0024	0.0012	mg/Kg	☼	10/03/25 10:16	10/05/25 01:07	1
Carbon disulfide	0.0012	U	0.0012	0.00032	mg/Kg	☼	10/03/25 10:16	10/05/25 01:07	1
Carbon tetrachloride	0.0012	U	0.0012	0.00046	mg/Kg	☼	10/03/25 10:16	10/05/25 01:07	1
Chlorobenzene	0.0012	U	0.0012	0.00060	mg/Kg	☼	10/03/25 10:16	10/05/25 01:07	1
Chlorobromomethane	0.0012	U	0.0012	0.00071	mg/Kg	☼	10/03/25 10:16	10/05/25 01:07	1
Chlorodibromomethane	0.0012	U	0.0012	0.00064	mg/Kg	☼	10/03/25 10:16	10/05/25 01:07	1
Chloroethane	0.0012	U	0.0012	0.00062	mg/Kg	☼	10/03/25 10:16	10/05/25 01:07	1
Chloroform	0.0012	U	0.0012	0.0012	mg/Kg	☼	10/03/25 10:16	10/05/25 01:07	1
Chloromethane	0.0012	U	0.0012	0.00052	mg/Kg	☼	10/03/25 10:16	10/05/25 01:07	1
cis-1,2-Dichloroethene	0.0012	U	0.0012	0.00043	mg/Kg	☼	10/03/25 10:16	10/05/25 01:07	1
cis-1,3-Dichloropropene	0.0012	U	0.0012	0.00032	mg/Kg	☼	10/03/25 10:16	10/05/25 01:07	1
Cyclohexane	0.0012	U	0.0012	0.00026	mg/Kg	☼	10/03/25 10:16	10/05/25 01:07	1
Dichlorobromomethane	0.0012	U	0.0012	0.00031	mg/Kg	☼	10/03/25 10:16	10/05/25 01:07	1
Dichlorodifluoromethane	0.0012	U	0.0012	0.00040	mg/Kg	☼	10/03/25 10:16	10/05/25 01:07	1
Ethylbenzene	0.0012	U	0.0012	0.00056	mg/Kg	☼	10/03/25 10:16	10/05/25 01:07	1
Ethylene Dibromide	0.0012	U	0.0012	0.00060	mg/Kg	☼	10/03/25 10:16	10/05/25 01:07	1
Isopropylbenzene	0.0012	U	0.0012	0.00034	mg/Kg	☼	10/03/25 10:16	10/05/25 01:07	1
Methyl acetate	0.0060	U	0.0060	0.0051	mg/Kg	☼	10/03/25 10:16	10/05/25 01:07	1
Methyl tert-butyl ether	0.0012	U	0.0012	0.00061	mg/Kg	☼	10/03/25 10:16	10/05/25 01:07	1
Methylcyclohexane	0.0012	U	0.0012	0.00059	mg/Kg	☼	10/03/25 10:16	10/05/25 01:07	1
Methylene Chloride	**0.0034**		0.0024	0.0014	mg/Kg	☼	10/03/25 10:16	10/05/25 01:07	1
m-Xylene & p-Xylene	0.0012	U	0.0012	0.00050	mg/Kg	☼	10/03/25 10:16	10/05/25 01:07	1
n-Butylbenzene	0.0012	U	0.0012	0.00035	mg/Kg	☼	10/03/25 10:16	10/05/25 01:07	1
N-Propylbenzene	0.0012	U	0.0012	0.00053	mg/Kg	☼	10/03/25 10:16	10/05/25 01:07	1
o-Xylene	0.0012	U	0.0012	0.00055	mg/Kg	☼	10/03/25 10:16	10/05/25 01:07	1
sec-Butylbenzene	0.0012	U	0.0012	0.00034	mg/Kg	☼	10/03/25 10:16	10/05/25 01:07	1
Styrene	0.0012	U	0.0012	0.00033	mg/Kg	☼	10/03/25 10:16	10/05/25 01:07	1

Client Sample ID: 55B3_4-5

Date Collected: 09/30/25 09:00
Date Received: 09/30/25 16:15

Lab Sample ID: 460-336081-27

Matrix: Solid
Percent Solids: 99.3

Method: SW846 8260D - Volatile Organic Compounds by GC/MS (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
tert-Butylbenzene	0.0012	U	0.0012	0.00033	mg/Kg	☼	10/03/25 10:16	10/05/25 01:07	1
Tetrachloroethene	0.0012	U	0.0012	0.00036	mg/Kg	☼	10/03/25 10:16	10/05/25 01:07	1
Toluene	0.0012	U	0.0012	0.00028	mg/Kg	☼	10/03/25 10:16	10/05/25 01:07	1
trans-1,2-Dichloroethene	0.0012	U	0.0012	0.00029	mg/Kg	☼	10/03/25 10:16	10/05/25 01:07	1
trans-1,3-Dichloropropene	0.0012	U	0.0012	0.00032	mg/Kg	☼	10/03/25 10:16	10/05/25 01:07	1
Trichloroethene	0.0012	U	0.0012	0.00038	mg/Kg	☼	10/03/25 10:16	10/05/25 01:07	1
Trichlorofluoromethane	0.0012	U	0.0012	0.00048	mg/Kg	☼	10/03/25 10:16	10/05/25 01:07	1
Vinyl chloride	0.0012	U	0.0012	0.00065	mg/Kg	☼	10/03/25 10:16	10/05/25 01:07	1
Xylenes, Total	0.0024	U	0.0024	0.00021	mg/Kg	☼	10/03/25 10:16	10/05/25 01:07	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,2-Dichloroethane-d4 (Surr)	*116*		*65 - 138*	*10/03/25 10:16*	*10/05/25 01:07*	*1*
4-Bromofluorobenzene	*91*		*71 - 128*	*10/03/25 10:16*	*10/05/25 01:07*	*1*
Dibromofluoromethane (Surr)	*106*		*50 - 150*	*10/03/25 10:16*	*10/05/25 01:07*	*1*
Toluene-d8 (Surr)	*100*		*71 - 126*	*10/03/25 10:16*	*10/05/25 01:07*	*1*

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Percent Moisture (EPA Moisture)	1.0	U	1.0	1.0	%			10/05/25 13:43	1
Percent Solids (EPA Moisture)	**99.3**		1.0	1.0	%			10/05/25 13:43	1

Client Sample ID: 55B1_5-6

Date Collected: 09/30/25 09:05
Date Received: 09/30/25 16:15

Lab Sample ID: 460-336081-28

Matrix: Solid
Percent Solids: 95.2

Method: SW846 8260D - Volatile Organic Compounds by GC/MS

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1-Trichloroethane	0.00085	U	0.00085	0.00020	mg/Kg	☼	10/03/25 10:16	10/05/25 01:31	1
1,1,2,2-Tetrachloroethane	0.00085	U	0.00085	0.00045	mg/Kg	☼	10/03/25 10:16	10/05/25 01:31	1
1,1,2-Trichloro-1,2,2-trifluoroethane	0.00085	U	0.00085	0.00026	mg/Kg	☼	10/03/25 10:16	10/05/25 01:31	1
1,1,2-Trichloroethane	0.00085	U	0.00085	0.00051	mg/Kg	☼	10/03/25 10:16	10/05/25 01:31	1
1,1-Dichloroethane	0.00085	U	0.00085	0.00051	mg/Kg	☼	10/03/25 10:16	10/05/25 01:31	1
1,1-Dichloroethene	0.00085	U	0.00085	0.00019	mg/Kg	☼	10/03/25 10:16	10/05/25 01:31	1
1,2,3-Trichlorobenzene	0.00085	U	0.00085	0.00063	mg/Kg	☼	10/03/25 10:16	10/05/25 01:31	1
1,2,4-Trichlorobenzene	0.00085	U	0.00085	0.00031	mg/Kg	☼	10/03/25 10:16	10/05/25 01:31	1
1,2,4-Trimethylbenzene	0.00085	U	0.00085	0.00021	mg/Kg	☼	10/03/25 10:16	10/05/25 01:31	1
1,2-Dibromo-3-Chloropropane	0.00085	U	0.00085	0.00039	mg/Kg	☼	10/03/25 10:16	10/05/25 01:31	1
1,2-Dichlorobenzene	0.00085	U	0.00085	0.00031	mg/Kg	☼	10/03/25 10:16	10/05/25 01:31	1
1,2-Dichloroethane	0.00085	U	0.00085	0.00025	mg/Kg	☼	10/03/25 10:16	10/05/25 01:31	1
1,2-Dichloropropane	0.00085	U	0.00085	0.00036	mg/Kg	☼	10/03/25 10:16	10/05/25 01:31	1
1,3,5-Trimethylbenzene	0.00085	U	0.00085	0.00027	mg/Kg	☼	10/03/25 10:16	10/05/25 01:31	1
1,3-Dichlorobenzene	0.00085	U	0.00085	0.00031	mg/Kg	☼	10/03/25 10:16	10/05/25 01:31	1
1,4-Dichlorobenzene	0.00085	U	0.00085	0.00044	mg/Kg	☼	10/03/25 10:16	10/05/25 01:31	1
2-Butanone (MEK)	0.0043	U	0.0043	0.00031	mg/Kg	☼	10/03/25 10:16	10/05/25 01:31	1
2-Hexanone	0.0043	U	0.0043	0.0015	mg/Kg	☼	10/03/25 10:16	10/05/25 01:31	1
4-Methyl-2-pentanone (MIBK)	0.0043	U	0.0043	0.0013	mg/Kg	☼	10/03/25 10:16	10/05/25 01:31	1
Acetone	0.0051	U	0.0051	0.0049	mg/Kg	☼	10/03/25 10:16	10/05/25 01:31	1
Benzene	0.00085	U	0.00085	0.00048	mg/Kg	☼	10/03/25 10:16	10/05/25 01:31	1
Bromoform	0.00085	U	0.00085	0.00036	mg/Kg	☼	10/03/25 10:16	10/05/25 01:31	1
Bromomethane	0.0017	U	0.0017	0.00085	mg/Kg	☼	10/03/25 10:16	10/05/25 01:31	1

Client: Haley & Aldrich, Inc.
Project/Site: Former Port Mobil

Job ID: 460-336081-1

Client Sample ID: 55B1_5-6
Date Collected: 09/30/25 09:05
Date Received: 09/30/25 16:15

Lab Sample ID: 460-336081-28
Matrix: Solid
Percent Solids: 95.2

Method: SW846 8260D - Volatile Organic Compounds by GC/MS (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Carbon disulfide	0.00085	U	0.00085	0.00023	mg/Kg	☼	10/03/25 10:16	10/05/25 01:31	1
Carbon tetrachloride	0.00085	U	0.00085	0.00033	mg/Kg	☼	10/03/25 10:16	10/05/25 01:31	1
Chlorobenzene	0.00085	U	0.00085	0.00043	mg/Kg	☼	10/03/25 10:16	10/05/25 01:31	1
Chlorobromomethane	0.00085	U	0.00085	0.00051	mg/Kg	☼	10/03/25 10:16	10/05/25 01:31	1
Chlorodibromomethane	0.00085	U	0.00085	0.00046	mg/Kg	☼	10/03/25 10:16	10/05/25 01:31	1
Chloroethane	0.00085	U	0.00085	0.00045	mg/Kg	☼	10/03/25 10:16	10/05/25 01:31	1
Chloroform	0.00085	U	0.00085	0.00083	mg/Kg	☼	10/03/25 10:16	10/05/25 01:31	1
Chloromethane	0.00085	U	0.00085	0.00037	mg/Kg	☼	10/03/25 10:16	10/05/25 01:31	1
cis-1,2-Dichloroethene	0.00085	U	0.00085	0.00031	mg/Kg	☼	10/03/25 10:16	10/05/25 01:31	1
cis-1,3-Dichloropropene	0.00085	U	0.00085	0.00023	mg/Kg	☼	10/03/25 10:16	10/05/25 01:31	1
Cyclohexane	0.00085	U	0.00085	0.00019	mg/Kg	☼	10/03/25 10:16	10/05/25 01:31	1
Dichlorobromomethane	0.00085	U	0.00085	0.00022	mg/Kg	☼	10/03/25 10:16	10/05/25 01:31	1
Dichlorodifluoromethane	0.00085	U	0.00085	0.00029	mg/Kg	☼	10/03/25 10:16	10/05/25 01:31	1
Ethylbenzene	0.00085	U	0.00085	0.00040	mg/Kg	☼	10/03/25 10:16	10/05/25 01:31	1
Ethylene Dibromide	0.00085	U	0.00085	0.00043	mg/Kg	☼	10/03/25 10:16	10/05/25 01:31	1
Isopropylbenzene	0.00085	U	0.00085	0.00024	mg/Kg	☼	10/03/25 10:16	10/05/25 01:31	1
Methyl acetate	0.0043	U	0.0043	0.0037	mg/Kg	☼	10/03/25 10:16	10/05/25 01:31	1
Methyl tert-butyl ether	0.00085	U	0.00085	0.00044	mg/Kg	☼	10/03/25 10:16	10/05/25 01:31	1
Methylcyclohexane	0.00085	U	0.00085	0.00043	mg/Kg	☼	10/03/25 10:16	10/05/25 01:31	1
Methylene Chloride	**0.0027**		0.0017	0.00098	mg/Kg	☼	10/03/25 10:16	10/05/25 01:31	1
m-Xylene & p-Xylene	0.00085	U	0.00085	0.00036	mg/Kg	☼	10/03/25 10:16	10/05/25 01:31	1
n-Butylbenzene	0.00085	U	0.00085	0.00025	mg/Kg	☼	10/03/25 10:16	10/05/25 01:31	1
N-Propylbenzene	0.00085	U	0.00085	0.00038	mg/Kg	☼	10/03/25 10:16	10/05/25 01:31	1
o-Xylene	0.00085	U	0.00085	0.00039	mg/Kg	☼	10/03/25 10:16	10/05/25 01:31	1
sec-Butylbenzene	0.00085	U	0.00085	0.00025	mg/Kg	☼	10/03/25 10:16	10/05/25 01:31	1
Styrene	0.00085	U	0.00085	0.00024	mg/Kg	☼	10/03/25 10:16	10/05/25 01:31	1
tert-Butylbenzene	0.00085	U	0.00085	0.00024	mg/Kg	☼	10/03/25 10:16	10/05/25 01:31	1
Tetrachloroethene	0.00085	U	0.00085	0.00026	mg/Kg	☼	10/03/25 10:16	10/05/25 01:31	1
Toluene	0.00085	U	0.00085	0.00020	mg/Kg	☼	10/03/25 10:16	10/05/25 01:31	1
trans-1,2-Dichloroethene	0.00085	U	0.00085	0.00021	mg/Kg	☼	10/03/25 10:16	10/05/25 01:31	1
trans-1,3-Dichloropropene	0.00085	U	0.00085	0.00023	mg/Kg	☼	10/03/25 10:16	10/05/25 01:31	1
Trichloroethene	0.00085	U	0.00085	0.00027	mg/Kg	☼	10/03/25 10:16	10/05/25 01:31	1
Trichlorofluoromethane	0.00085	U	0.00085	0.00035	mg/Kg	☼	10/03/25 10:16	10/05/25 01:31	1
Vinyl chloride	0.00085	U	0.00085	0.00047	mg/Kg	☼	10/03/25 10:16	10/05/25 01:31	1
Xylenes, Total	0.0017	U	0.0017	0.00015	mg/Kg	☼	10/03/25 10:16	10/05/25 01:31	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,2-Dichloroethane-d4 (Surr)	*124*		*65 - 138*	*10/03/25 10:16*	*10/05/25 01:31*	*1*
4-Bromofluorobenzene	*92*		*71 - 128*	*10/03/25 10:16*	*10/05/25 01:31*	*1*
Dibromofluoromethane (Surr)	*114*		*50 - 150*	*10/03/25 10:16*	*10/05/25 01:31*	*1*
Toluene-d8 (Surr)	*100*		*71 - 126*	*10/03/25 10:16*	*10/05/25 01:31*	*1*

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Percent Moisture (EPA Moisture)	**4.8**		1.0	1.0	%			10/05/25 13:43	1
Percent Solids (EPA Moisture)	**95.2**		1.0	1.0	%			10/05/25 13:43	1

Client: Haley & Aldrich, Inc.
Project/Site: Former Port Mobil

Job ID: 460-336081-1

Client Sample ID: 55C1_1-2
Date Collected: 09/30/25 09:10
Date Received: 09/30/25 16:15

Lab Sample ID: 460-336081-29
Matrix: Solid
Percent Solids: 99.4

Method: SW846 8260D - Volatile Organic Compounds by GC/MS

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1-Trichloroethane	0.0011	U	0.0011	0.00026	mg/Kg	☼	10/03/25 10:16	10/05/25 01:55	1
1,1,2,2-Tetrachloroethane	0.0011	U	0.0011	0.00058	mg/Kg	☼	10/03/25 10:16	10/05/25 01:55	1
1,1,2-Trichloro-1,2,2-trifluoroethane	0.0011	U	0.0011	0.00033	mg/Kg	☼	10/03/25 10:16	10/05/25 01:55	1
1,1,2-Trichloroethane	0.0011	U	0.0011	0.00067	mg/Kg	☼	10/03/25 10:16	10/05/25 01:55	1
1,1-Dichloroethane	0.0011	U	0.0011	0.00066	mg/Kg	☼	10/03/25 10:16	10/05/25 01:55	1
1,1-Dichloroethene	0.0011	U	0.0011	0.00025	mg/Kg	☼	10/03/25 10:16	10/05/25 01:55	1
1,2,3-Trichlorobenzene	0.0011	U	0.0011	0.00082	mg/Kg	☼	10/03/25 10:16	10/05/25 01:55	1
1,2,4-Trichlorobenzene	0.0011	U	0.0011	0.00040	mg/Kg	☼	10/03/25 10:16	10/05/25 01:55	1
1,2,4-Trimethylbenzene	0.0011	U	0.0011	0.00027	mg/Kg	☼	10/03/25 10:16	10/05/25 01:55	1
1,2-Dibromo-3-Chloropropane	0.0011	U	0.0011	0.00051	mg/Kg	☼	10/03/25 10:16	10/05/25 01:55	1
1,2-Dichlorobenzene	0.0011	U	0.0011	0.00040	mg/Kg	☼	10/03/25 10:16	10/05/25 01:55	1
1,2-Dichloroethane	0.0011	U	0.0011	0.00033	mg/Kg	☼	10/03/25 10:16	10/05/25 01:55	1
1,2-Dichloropropane	0.0011	U	0.0011	0.00047	mg/Kg	☼	10/03/25 10:16	10/05/25 01:55	1
1,3,5-Trimethylbenzene	0.0011	U	0.0011	0.00035	mg/Kg	☼	10/03/25 10:16	10/05/25 01:55	1
1,3-Dichlorobenzene	0.0011	U	0.0011	0.00040	mg/Kg	☼	10/03/25 10:16	10/05/25 01:55	1
1,4-Dichlorobenzene	0.0011	U	0.0011	0.00057	mg/Kg	☼	10/03/25 10:16	10/05/25 01:55	1
2-Butanone (MEK)	0.0055	U	0.0055	0.00041	mg/Kg	☼	10/03/25 10:16	10/05/25 01:55	1
2-Hexanone	0.0055	U	0.0055	0.0019	mg/Kg	☼	10/03/25 10:16	10/05/25 01:55	1
4-Methyl-2-pentanone (MIBK)	0.0055	U	0.0055	0.0017	mg/Kg	☼	10/03/25 10:16	10/05/25 01:55	1
Acetone	0.0066	U	0.0066	0.0063	mg/Kg	☼	10/03/25 10:16	10/05/25 01:55	1
Benzene	0.0011	U	0.0011	0.00063	mg/Kg	☼	10/03/25 10:16	10/05/25 01:55	1
Bromoform	0.0011	U	0.0011	0.00047	mg/Kg	☼	10/03/25 10:16	10/05/25 01:55	1
Bromomethane	0.0022	U	0.0022	0.0011	mg/Kg	☼	10/03/25 10:16	10/05/25 01:55	1
Carbon disulfide	0.0011	U	0.0011	0.00029	mg/Kg	☼	10/03/25 10:16	10/05/25 01:55	1
Carbon tetrachloride	0.0011	U	0.0011	0.00043	mg/Kg	☼	10/03/25 10:16	10/05/25 01:55	1
Chlorobenzene	0.0011	U	0.0011	0.00056	mg/Kg	☼	10/03/25 10:16	10/05/25 01:55	1
Chlorobromomethane	0.0011	U	0.0011	0.00066	mg/Kg	☼	10/03/25 10:16	10/05/25 01:55	1
Chlorodibromomethane	0.0011	U	0.0011	0.00059	mg/Kg	☼	10/03/25 10:16	10/05/25 01:55	1
Chloroethane	0.0011	U	0.0011	0.00058	mg/Kg	☼	10/03/25 10:16	10/05/25 01:55	1
Chloroform	0.0011	U	0.0011	0.0011	mg/Kg	☼	10/03/25 10:16	10/05/25 01:55	1
Chloromethane	0.0011	U	0.0011	0.00048	mg/Kg	☼	10/03/25 10:16	10/05/25 01:55	1
cis-1,2-Dichloroethene	0.0011	U	0.0011	0.00040	mg/Kg	☼	10/03/25 10:16	10/05/25 01:55	1
cis-1,3-Dichloropropene	0.0011	U	0.0011	0.00030	mg/Kg	☼	10/03/25 10:16	10/05/25 01:55	1
Cyclohexane	0.0011	U	0.0011	0.00024	mg/Kg	☼	10/03/25 10:16	10/05/25 01:55	1
Dichlorobromomethane	0.0011	U	0.0011	0.00028	mg/Kg	☼	10/03/25 10:16	10/05/25 01:55	1
Dichlorodifluoromethane	0.0011	U	0.0011	0.00037	mg/Kg	☼	10/03/25 10:16	10/05/25 01:55	1
Ethylbenzene	0.0011	U	0.0011	0.00052	mg/Kg	☼	10/03/25 10:16	10/05/25 01:55	1
Ethylene Dibromide	0.0011	U	0.0011	0.00056	mg/Kg	☼	10/03/25 10:16	10/05/25 01:55	1
Isopropylbenzene	0.0011	U	0.0011	0.00032	mg/Kg	☼	10/03/25 10:16	10/05/25 01:55	1
Methyl acetate	0.0055	U	0.0055	0.0048	mg/Kg	☼	10/03/25 10:16	10/05/25 01:55	1
Methyl tert-butyl ether	0.0011	U	0.0011	0.00057	mg/Kg	☼	10/03/25 10:16	10/05/25 01:55	1
Methylcyclohexane	0.0011	U	0.0011	0.00055	mg/Kg	☼	10/03/25 10:16	10/05/25 01:55	1
Methylene Chloride	**0.0032**		0.0022	0.0013	mg/Kg	☼	10/03/25 10:16	10/05/25 01:55	1
m-Xylene & p-Xylene	0.0011	U	0.0011	0.00047	mg/Kg	☼	10/03/25 10:16	10/05/25 01:55	1
n-Butylbenzene	0.0011	U	0.0011	0.00033	mg/Kg	☼	10/03/25 10:16	10/05/25 01:55	1
N-Propylbenzene	0.0011	U	0.0011	0.00050	mg/Kg	☼	10/03/25 10:16	10/05/25 01:55	1
o-Xylene	0.0011	U	0.0011	0.00051	mg/Kg	☼	10/03/25 10:16	10/05/25 01:55	1
sec-Butylbenzene	0.0011	U	0.0011	0.00032	mg/Kg	☼	10/03/25 10:16	10/05/25 01:55	1
Styrene	0.0011	U	0.0011	0.00031	mg/Kg	☼	10/03/25 10:16	10/05/25 01:55	1

Client Sample ID: 55C1_1-2

Lab Sample ID: 460-336081-29

Date Collected: 09/30/25 09:10
Matrix: Solid
Date Received: 09/30/25 16:15
Percent Solids: 99.4

Method: SW846 8260D - Volatile Organic Compounds by GC/MS (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
tert-Butylbenzene	0.0011	U	0.0011	0.00031	mg/Kg	☼	10/03/25 10:16	10/05/25 01:55	1
Tetrachloroethene	0.0011	U	0.0011	0.00034	mg/Kg	☼	10/03/25 10:16	10/05/25 01:55	1
Toluene	0.0011	U	0.0011	0.00026	mg/Kg	☼	10/03/25 10:16	10/05/25 01:55	1
trans-1,2-Dichloroethene	0.0011	U	0.0011	0.00027	mg/Kg	☼	10/03/25 10:16	10/05/25 01:55	1
trans-1,3-Dichloropropene	0.0011	U	0.0011	0.00029	mg/Kg	☼	10/03/25 10:16	10/05/25 01:55	1
Trichloroethene	0.0011	U	0.0011	0.00036	mg/Kg	☼	10/03/25 10:16	10/05/25 01:55	1
Trichlorofluoromethane	0.0011	U	0.0011	0.00045	mg/Kg	☼	10/03/25 10:16	10/05/25 01:55	1
Vinyl chloride	0.0011	U	0.0011	0.00060	mg/Kg	☼	10/03/25 10:16	10/05/25 01:55	1
Xylenes, Total	0.0022	U	0.0022	0.00019	mg/Kg	☼	10/03/25 10:16	10/05/25 01:55	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,2-Dichloroethane-d4 (Surr)	*118*		*65 - 138*	*10/03/25 10:16*	*10/05/25 01:55*	*1*
4-Bromofluorobenzene	*89*		*71 - 128*	*10/03/25 10:16*	*10/05/25 01:55*	*1*
Dibromofluoromethane (Surr)	*109*		*50 - 150*	*10/03/25 10:16*	*10/05/25 01:55*	*1*
Toluene-d8 (Surr)	*97*		*71 - 126*	*10/03/25 10:16*	*10/05/25 01:55*	*1*

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Percent Moisture (EPA Moisture)	1.0	U	1.0	1.0	%			10/05/25 13:43	1
Percent Solids (EPA Moisture)	**99.4**		1.0	1.0	%			10/05/25 13:43	1

Client Sample ID: 55C2_1-2

Lab Sample ID: 460-336081-30

Date Collected: 09/30/25 09:15
Matrix: Solid
Date Received: 09/30/25 16:15
Percent Solids: 99.2

Method: SW846 8260D - Volatile Organic Compounds by GC/MS

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1-Trichloroethane	0.0011	U	0.0011	0.00026	mg/Kg	☼	10/03/25 10:17	10/05/25 02:19	1
1,1,2,2-Tetrachloroethane	0.0011	U	0.0011	0.00059	mg/Kg	☼	10/03/25 10:17	10/05/25 02:19	1
1,1,2-Trichloro-1,2,2-trifluoroethane	0.0011	U	0.0011	0.00034	mg/Kg	☼	10/03/25 10:17	10/05/25 02:19	1
1,1,2-Trichloroethane	0.0011	U	0.0011	0.00068	mg/Kg	☼	10/03/25 10:17	10/05/25 02:19	1
1,1-Dichloroethane	0.0011	U	0.0011	0.00067	mg/Kg	☼	10/03/25 10:17	10/05/25 02:19	1
1,1-Dichloroethene	0.0011	U	0.0011	0.00025	mg/Kg	☼	10/03/25 10:17	10/05/25 02:19	1
1,2,3-Trichlorobenzene	0.0011	U	0.0011	0.00083	mg/Kg	☼	10/03/25 10:17	10/05/25 02:19	1
1,2,4-Trichlorobenzene	0.0011	U	0.0011	0.00040	mg/Kg	☼	10/03/25 10:17	10/05/25 02:19	1
1,2,4-Trimethylbenzene	0.0011	U	0.0011	0.00028	mg/Kg	☼	10/03/25 10:17	10/05/25 02:19	1
1,2-Dibromo-3-Chloropropane	0.0011	U	0.0011	0.00052	mg/Kg	☼	10/03/25 10:17	10/05/25 02:19	1
1,2-Dichlorobenzene	0.0011	U	0.0011	0.00041	mg/Kg	☼	10/03/25 10:17	10/05/25 02:19	1
1,2-Dichloroethane	0.0011	U	0.0011	0.00033	mg/Kg	☼	10/03/25 10:17	10/05/25 02:19	1
1,2-Dichloropropane	0.0011	U	0.0011	0.00048	mg/Kg	☼	10/03/25 10:17	10/05/25 02:19	1
1,3,5-Trimethylbenzene	0.0011	U	0.0011	0.00035	mg/Kg	☼	10/03/25 10:17	10/05/25 02:19	1
1,3-Dichlorobenzene	0.0011	U	0.0011	0.00041	mg/Kg	☼	10/03/25 10:17	10/05/25 02:19	1
1,4-Dichlorobenzene	0.0011	U	0.0011	0.00058	mg/Kg	☼	10/03/25 10:17	10/05/25 02:19	1
2-Butanone (MEK)	0.0056	U	0.0056	0.00041	mg/Kg	☼	10/03/25 10:17	10/05/25 02:19	1
2-Hexanone	0.0056	U	0.0056	0.0019	mg/Kg	☼	10/03/25 10:17	10/05/25 02:19	1
4-Methyl-2-pentanone (MIBK)	0.0056	U	0.0056	0.0017	mg/Kg	☼	10/03/25 10:17	10/05/25 02:19	1
Acetone	0.0067	U	0.0067	0.0064	mg/Kg	☼	10/03/25 10:17	10/05/25 02:19	1
Benzene	0.0011	U	0.0011	0.00064	mg/Kg	☼	10/03/25 10:17	10/05/25 02:19	1
Bromoform	0.0011	U	0.0011	0.00048	mg/Kg	☼	10/03/25 10:17	10/05/25 02:19	1
Bromomethane	0.0022	U	0.0022	0.0011	mg/Kg	☼	10/03/25 10:17	10/05/25 02:19	1

Client: Haley & Aldrich, Inc.
Project/Site: Former Port Mobil

Job ID: 460-336081-1

Client Sample ID: 55C2_1-2
Date Collected: 09/30/25 09:15
Date Received: 09/30/25 16:15

Lab Sample ID: 460-336081-30
Matrix: Solid
Percent Solids: 99.2

Method: SW846 8260D - Volatile Organic Compounds by GC/MS (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Carbon disulfide	0.0011	U	0.0011	0.00030	mg/Kg	☼	10/03/25 10:17	10/05/25 02:19	1
Carbon tetrachloride	0.0011	U	0.0011	0.00043	mg/Kg	☼	10/03/25 10:17	10/05/25 02:19	1
Chlorobenzene	0.0011	U	0.0011	0.00057	mg/Kg	☼	10/03/25 10:17	10/05/25 02:19	1
Chlorobromomethane	0.0011	U	0.0011	0.00067	mg/Kg	☼	10/03/25 10:17	10/05/25 02:19	1
Chlorodibromomethane	0.0011	U	0.0011	0.00060	mg/Kg	☼	10/03/25 10:17	10/05/25 02:19	1
Chloroethane	0.0011	U	0.0011	0.00059	mg/Kg	☼	10/03/25 10:17	10/05/25 02:19	1
Chloroform	0.0011	U	0.0011	0.0011	mg/Kg	☼	10/03/25 10:17	10/05/25 02:19	1
Chloromethane	0.0011	U	0.0011	0.00049	mg/Kg	☼	10/03/25 10:17	10/05/25 02:19	1
cis-1,2-Dichloroethene	0.0011	U	0.0011	0.00040	mg/Kg	☼	10/03/25 10:17	10/05/25 02:19	1
cis-1,3-Dichloropropene	0.0011	U	0.0011	0.00031	mg/Kg	☼	10/03/25 10:17	10/05/25 02:19	1
Cyclohexane	0.0011	U	0.0011	0.00025	mg/Kg	☼	10/03/25 10:17	10/05/25 02:19	1
Dichlorobromomethane	0.0011	U	0.0011	0.00029	mg/Kg	☼	10/03/25 10:17	10/05/25 02:19	1
Dichlorodifluoromethane	0.0011	U	0.0011	0.00038	mg/Kg	☼	10/03/25 10:17	10/05/25 02:19	1
Ethylbenzene	0.0011	U	0.0011	0.00053	mg/Kg	☼	10/03/25 10:17	10/05/25 02:19	1
Ethylene Dibromide	0.0011	U	0.0011	0.00057	mg/Kg	☼	10/03/25 10:17	10/05/25 02:19	1
Isopropylbenzene	0.0011	U	0.0011	0.00032	mg/Kg	☼	10/03/25 10:17	10/05/25 02:19	1
Methyl acetate	0.0056	U	0.0056	0.0048	mg/Kg	☼	10/03/25 10:17	10/05/25 02:19	1
Methyl tert-butyl ether	0.0011	U	0.0011	0.00058	mg/Kg	☼	10/03/25 10:17	10/05/25 02:19	1
Methylcyclohexane	0.0011	U	0.0011	0.00056	mg/Kg	☼	10/03/25 10:17	10/05/25 02:19	1
Methylene Chloride	**0.0029**		0.0022	0.0013	mg/Kg	☼	10/03/25 10:17	10/05/25 02:19	1
m-Xylene & p-Xylene	0.0011	U	0.0011	0.00048	mg/Kg	☼	10/03/25 10:17	10/05/25 02:19	1
n-Butylbenzene	0.0011	U	0.0011	0.00033	mg/Kg	☼	10/03/25 10:17	10/05/25 02:19	1
N-Propylbenzene	0.0011	U	0.0011	0.00050	mg/Kg	☼	10/03/25 10:17	10/05/25 02:19	1
o-Xylene	0.0011	U	0.0011	0.00052	mg/Kg	☼	10/03/25 10:17	10/05/25 02:19	1
sec-Butylbenzene	0.0011	U	0.0011	0.00032	mg/Kg	☼	10/03/25 10:17	10/05/25 02:19	1
Styrene	0.0011	U	0.0011	0.00031	mg/Kg	☼	10/03/25 10:17	10/05/25 02:19	1
tert-Butylbenzene	0.0011	U	0.0011	0.00031	mg/Kg	☼	10/03/25 10:17	10/05/25 02:19	1
Tetrachloroethene	0.0011	U	0.0011	0.00034	mg/Kg	☼	10/03/25 10:17	10/05/25 02:19	1
Toluene	0.0011	U	0.0011	0.00026	mg/Kg	☼	10/03/25 10:17	10/05/25 02:19	1
trans-1,2-Dichloroethene	0.0011	U	0.0011	0.00028	mg/Kg	☼	10/03/25 10:17	10/05/25 02:19	1
trans-1,3-Dichloropropene	0.0011	U	0.0011	0.00030	mg/Kg	☼	10/03/25 10:17	10/05/25 02:19	1
Trichloroethene	0.0011	U	0.0011	0.00036	mg/Kg	☼	10/03/25 10:17	10/05/25 02:19	1
Trichlorofluoromethane	0.0011	U	0.0011	0.00046	mg/Kg	☼	10/03/25 10:17	10/05/25 02:19	1
Vinyl chloride	0.0011	U	0.0011	0.00061	mg/Kg	☼	10/03/25 10:17	10/05/25 02:19	1
Xylenes, Total	0.0022	U	0.0022	0.00020	mg/Kg	☼	10/03/25 10:17	10/05/25 02:19	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,2-Dichloroethane-d4 (Surr)	*119*		*65 - 138*	*10/03/25 10:17*	*10/05/25 02:19*	*1*
4-Bromofluorobenzene	*91*		*71 - 128*	*10/03/25 10:17*	*10/05/25 02:19*	*1*
Dibromofluoromethane (Surr)	*109*		*50 - 150*	*10/03/25 10:17*	*10/05/25 02:19*	*1*
Toluene-d8 (Surr)	*101*		*71 - 126*	*10/03/25 10:17*	*10/05/25 02:19*	*1*

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Percent Moisture (EPA Moisture)	1.0	U	1.0	1.0	%			10/05/25 13:43	1
Percent Solids (EPA Moisture)	**99.2**		1.0	1.0	%			10/05/25 13:43	1

Client: Haley & Aldrich, Inc.
Project/Site: Former Port Mobil

Job ID: 460-336081-1

Client Sample ID: 55C3_2-3
Date Collected: 09/30/25 09:20
Date Received: 09/30/25 16:15

Lab Sample ID: 460-336081-31
Matrix: Solid
Percent Solids: 96.8

Method: SW846 8260D - Volatile Organic Compounds by GC/MS

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1-Trichloroethane	0.0011	U	0.0011	0.00025	mg/Kg	☼	10/03/25 10:17	10/05/25 02:43	1
1,1,2,2-Tetrachloroethane	0.0011	U	0.0011	0.00055	mg/Kg	☼	10/03/25 10:17	10/05/25 02:43	1
1,1,2-Trichloro-1,2,2-trifluoroethane	0.0011	U	0.0011	0.00032	mg/Kg	☼	10/03/25 10:17	10/05/25 02:43	1
1,1,2-Trichloroethane	0.0011	U	0.0011	0.00064	mg/Kg	☼	10/03/25 10:17	10/05/25 02:43	1
1,1-Dichloroethane	0.0011	U	0.0011	0.00063	mg/Kg	☼	10/03/25 10:17	10/05/25 02:43	1
1,1-Dichloroethene	0.0011	U	0.0011	0.00024	mg/Kg	☼	10/03/25 10:17	10/05/25 02:43	1
1,2,3-Trichlorobenzene	0.0011	U	0.0011	0.00078	mg/Kg	☼	10/03/25 10:17	10/05/25 02:43	1
1,2,4-Trichlorobenzene	0.0011	U	0.0011	0.00038	mg/Kg	☼	10/03/25 10:17	10/05/25 02:43	1
1,2,4-Trimethylbenzene	0.0011	U	0.0011	0.00026	mg/Kg	☼	10/03/25 10:17	10/05/25 02:43	1
1,2-Dibromo-3-Chloropropane	0.0011	U	0.0011	0.00049	mg/Kg	☼	10/03/25 10:17	10/05/25 02:43	1
1,2-Dichlorobenzene	0.0011	U	0.0011	0.00038	mg/Kg	☼	10/03/25 10:17	10/05/25 02:43	1
1,2-Dichloroethane	0.0011	U	0.0011	0.00031	mg/Kg	☼	10/03/25 10:17	10/05/25 02:43	1
1,2-Dichloropropane	0.0011	U	0.0011	0.00045	mg/Kg	☼	10/03/25 10:17	10/05/25 02:43	1
1,3,5-Trimethylbenzene	0.0011	U	0.0011	0.00033	mg/Kg	☼	10/03/25 10:17	10/05/25 02:43	1
1,3-Dichlorobenzene	0.0011	U	0.0011	0.00039	mg/Kg	☼	10/03/25 10:17	10/05/25 02:43	1
1,4-Dichlorobenzene	0.0011	U	0.0011	0.00055	mg/Kg	☼	10/03/25 10:17	10/05/25 02:43	1
2-Butanone (MEK)	0.0053	U	0.0053	0.00039	mg/Kg	☼	10/03/25 10:17	10/05/25 02:43	1
2-Hexanone	0.0053	U	0.0053	0.0018	mg/Kg	☼	10/03/25 10:17	10/05/25 02:43	1
4-Methyl-2-pentanone (MIBK)	0.0053	U	0.0053	0.0016	mg/Kg	☼	10/03/25 10:17	10/05/25 02:43	1
Acetone	0.0064	U	0.0064	0.0061	mg/Kg	☼	10/03/25 10:17	10/05/25 02:43	1
Benzene	0.0011	U	0.0011	0.00060	mg/Kg	☼	10/03/25 10:17	10/05/25 02:43	1
Bromoform	0.0011	U	0.0011	0.00045	mg/Kg	☼	10/03/25 10:17	10/05/25 02:43	1
Bromomethane	0.0021	U	0.0021	0.0011	mg/Kg	☼	10/03/25 10:17	10/05/25 02:43	1
Carbon disulfide	0.0011	U	0.0011	0.00028	mg/Kg	☼	10/03/25 10:17	10/05/25 02:43	1
Carbon tetrachloride	0.0011	U	0.0011	0.00041	mg/Kg	☼	10/03/25 10:17	10/05/25 02:43	1
Chlorobenzene	0.0011	U	0.0011	0.00054	mg/Kg	☼	10/03/25 10:17	10/05/25 02:43	1
Chlorobromomethane	0.0011	U	0.0011	0.00063	mg/Kg	☼	10/03/25 10:17	10/05/25 02:43	1
Chlorodibromomethane	0.0011	U	0.0011	0.00057	mg/Kg	☼	10/03/25 10:17	10/05/25 02:43	1
Chloroethane	0.0011	U	0.0011	0.00055	mg/Kg	☼	10/03/25 10:17	10/05/25 02:43	1
Chloroform	0.0011	U	0.0011	0.0010	mg/Kg	☼	10/03/25 10:17	10/05/25 02:43	1
Chloromethane	0.0011	U	0.0011	0.00046	mg/Kg	☼	10/03/25 10:17	10/05/25 02:43	1
cis-1,2-Dichloroethene	0.0011	U	0.0011	0.00038	mg/Kg	☼	10/03/25 10:17	10/05/25 02:43	1
cis-1,3-Dichloropropene	0.0011	U	0.0011	0.00029	mg/Kg	☼	10/03/25 10:17	10/05/25 02:43	1
Cyclohexane	0.0011	U	0.0011	0.00023	mg/Kg	☼	10/03/25 10:17	10/05/25 02:43	1
Dichlorobromomethane	0.0011	U	0.0011	0.00027	mg/Kg	☼	10/03/25 10:17	10/05/25 02:43	1
Dichlorodifluoromethane	0.0011	U	0.0011	0.00036	mg/Kg	☼	10/03/25 10:17	10/05/25 02:43	1
Ethylbenzene	0.0011	U	0.0011	0.00050	mg/Kg	☼	10/03/25 10:17	10/05/25 02:43	1
Ethylene Dibromide	0.0011	U	0.0011	0.00053	mg/Kg	☼	10/03/25 10:17	10/05/25 02:43	1
Isopropylbenzene	0.0011	U	0.0011	0.00030	mg/Kg	☼	10/03/25 10:17	10/05/25 02:43	1
Methyl acetate	0.0053	U	0.0053	0.0046	mg/Kg	☼	10/03/25 10:17	10/05/25 02:43	1
Methyl tert-butyl ether	0.0011	U	0.0011	0.00054	mg/Kg	☼	10/03/25 10:17	10/05/25 02:43	1
Methylcyclohexane	0.0011	U	0.0011	0.00053	mg/Kg	☼	10/03/25 10:17	10/05/25 02:43	1
Methylene Chloride	**0.0027**		0.0021	0.0012	mg/Kg	☼	10/03/25 10:17	10/05/25 02:43	1
m-Xylene & p-Xylene	0.0011	U	0.0011	0.00045	mg/Kg	☼	10/03/25 10:17	10/05/25 02:43	1
n-Butylbenzene	0.0011	U	0.0011	0.00031	mg/Kg	☼	10/03/25 10:17	10/05/25 02:43	1
N-Propylbenzene	0.0011	U	0.0011	0.00048	mg/Kg	☼	10/03/25 10:17	10/05/25 02:43	1
o-Xylene	0.0011	U	0.0011	0.00049	mg/Kg	☼	10/03/25 10:17	10/05/25 02:43	1
sec-Butylbenzene	0.0011	U	0.0011	0.00030	mg/Kg	☼	10/03/25 10:17	10/05/25 02:43	1
Styrene	0.0011	U	0.0011	0.00029	mg/Kg	☼	10/03/25 10:17	10/05/25 02:43	1

Client Sample ID: 55C3_2-3

Lab Sample ID: 460-336081-31

Date Collected: 09/30/25 09:20
Matrix: Solid
Date Received: 09/30/25 16:15
Percent Solids: 96.8

Method: SW846 8260D - Volatile Organic Compounds by GC/MS (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
tert-Butylbenzene	0.0011	U	0.0011	0.00029	mg/Kg	☼	10/03/25 10:17	10/05/25 02:43	1
Tetrachloroethene	0.0011	U	0.0011	0.00032	mg/Kg	☼	10/03/25 10:17	10/05/25 02:43	1
Toluene	0.0011	U	0.0011	0.00025	mg/Kg	☼	10/03/25 10:17	10/05/25 02:43	1
trans-1,2-Dichloroethene	0.0011	U	0.0011	0.00026	mg/Kg	☼	10/03/25 10:17	10/05/25 02:43	1
trans-1,3-Dichloropropene	0.0011	U	0.0011	0.00028	mg/Kg	☼	10/03/25 10:17	10/05/25 02:43	1
Trichloroethene	0.0011	U	0.0011	0.00034	mg/Kg	☼	10/03/25 10:17	10/05/25 02:43	1
Trichlorofluoromethane	0.0011	U	0.0011	0.00043	mg/Kg	☼	10/03/25 10:17	10/05/25 02:43	1
Vinyl chloride	0.0011	U	0.0011	0.00058	mg/Kg	☼	10/03/25 10:17	10/05/25 02:43	1
Xylenes, Total	0.0021	U	0.0021	0.00018	mg/Kg	☼	10/03/25 10:17	10/05/25 02:43	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,2-Dichloroethane-d4 (Surr)	*115*		*65 - 138*	*10/03/25 10:17*	*10/05/25 02:43*	*1*
4-Bromofluorobenzene	*88*		*71 - 128*	*10/03/25 10:17*	*10/05/25 02:43*	*1*
Dibromofluoromethane (Surr)	*108*		*50 - 150*	*10/03/25 10:17*	*10/05/25 02:43*	*1*
Toluene-d8 (Surr)	*96*		*71 - 126*	*10/03/25 10:17*	*10/05/25 02:43*	*1*

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Percent Moisture (EPA Moisture)	**3.2**		1.0	1.0	%			10/05/25 13:43	1
Percent Solids (EPA Moisture)	**96.8**		1.0	1.0	%			10/05/25 13:43	1

Client Sample ID: 55C1_3-4

Lab Sample ID: 460-336081-32

Date Collected: 09/30/25 09:25
Matrix: Solid
Date Received: 09/30/25 16:15
Percent Solids: 98.9

Method: SW846 8260D - Volatile Organic Compounds by GC/MS

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1-Trichloroethane	0.0012	U	0.0012	0.00028	mg/Kg	☼	10/03/25 10:17	10/05/25 03:06	1
1,1,2,2-Tetrachloroethane	0.0012	U	0.0012	0.00064	mg/Kg	☼	10/03/25 10:17	10/05/25 03:06	1
1,1,2-Trichloro-1,2,2-trifluoroethane	0.0012	U	0.0012	0.00037	mg/Kg	☼	10/03/25 10:17	10/05/25 03:06	1
1,1,2-Trichloroethane	0.0012	U	0.0012	0.00073	mg/Kg	☼	10/03/25 10:17	10/05/25 03:06	1
1,1-Dichloroethane	0.0012	U	0.0012	0.00073	mg/Kg	☼	10/03/25 10:17	10/05/25 03:06	1
1,1-Dichloroethene	0.0012	U	0.0012	0.00027	mg/Kg	☼	10/03/25 10:17	10/05/25 03:06	1
1,2,3-Trichlorobenzene	0.0012	U	0.0012	0.00090	mg/Kg	☼	10/03/25 10:17	10/05/25 03:06	1
1,2,4-Trichlorobenzene	0.0012	U	0.0012	0.00044	mg/Kg	☼	10/03/25 10:17	10/05/25 03:06	1
1,2,4-Trimethylbenzene	0.0012	U	0.0012	0.00030	mg/Kg	☼	10/03/25 10:17	10/05/25 03:06	1
1,2-Dibromo-3-Chloropropane	0.0012	U	0.0012	0.00056	mg/Kg	☼	10/03/25 10:17	10/05/25 03:06	1
1,2-Dichlorobenzene	0.0012	U	0.0012	0.00044	mg/Kg	☼	10/03/25 10:17	10/05/25 03:06	1
1,2-Dichloroethane	0.0012	U	0.0012	0.00036	mg/Kg	☼	10/03/25 10:17	10/05/25 03:06	1
1,2-Dichloropropane	0.0012	U	0.0012	0.00052	mg/Kg	☼	10/03/25 10:17	10/05/25 03:06	1
1,3,5-Trimethylbenzene	0.0012	U	0.0012	0.00038	mg/Kg	☼	10/03/25 10:17	10/05/25 03:06	1
1,3-Dichlorobenzene	0.0012	U	0.0012	0.00045	mg/Kg	☼	10/03/25 10:17	10/05/25 03:06	1
1,4-Dichlorobenzene	0.0012	U	0.0012	0.00063	mg/Kg	☼	10/03/25 10:17	10/05/25 03:06	1
2-Butanone (MEK)	0.0061	U	0.0061	0.00045	mg/Kg	☼	10/03/25 10:17	10/05/25 03:06	1
2-Hexanone	0.0061	U	0.0061	0.0021	mg/Kg	☼	10/03/25 10:17	10/05/25 03:06	1
4-Methyl-2-pentanone (MIBK)	0.0061	U	0.0061	0.0019	mg/Kg	☼	10/03/25 10:17	10/05/25 03:06	1
Acetone	0.0073	U	0.0073	0.0070	mg/Kg	☼	10/03/25 10:17	10/05/25 03:06	1
Benzene	0.0012	U	0.0012	0.00069	mg/Kg	☼	10/03/25 10:17	10/05/25 03:06	1
Bromoform	0.0012	U	0.0012	0.00052	mg/Kg	☼	10/03/25 10:17	10/05/25 03:06	1
Bromomethane	0.0024	U	0.0024	0.0012	mg/Kg	☼	10/03/25 10:17	10/05/25 03:06	1

Client Sample ID: 55C1_3-4
Date Collected: 09/30/25 09:25
Date Received: 09/30/25 16:15

Lab Sample ID: 460-336081-32
Matrix: Solid
Percent Solids: 98.9

Method: SW846 8260D - Volatile Organic Compounds by GC/MS (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Carbon disulfide	0.0012	U	0.0012	0.00032	mg/Kg	☼	10/03/25 10:17	10/05/25 03:06	1
Carbon tetrachloride	0.0012	U	0.0012	0.00047	mg/Kg	☼	10/03/25 10:17	10/05/25 03:06	1
Chlorobenzene	0.0012	U	0.0012	0.00062	mg/Kg	☼	10/03/25 10:17	10/05/25 03:06	1
Chlorobromomethane	0.0012	U	0.0012	0.00073	mg/Kg	☼	10/03/25 10:17	10/05/25 03:06	1
Chlorodibromomethane	0.0012	U	0.0012	0.00066	mg/Kg	☼	10/03/25 10:17	10/05/25 03:06	1
Chloroethane	0.0012	U	0.0012	0.00064	mg/Kg	☼	10/03/25 10:17	10/05/25 03:06	1
Chloroform	0.0012	U	0.0012	0.0012	mg/Kg	☼	10/03/25 10:17	10/05/25 03:06	1
Chloromethane	0.0012	U	0.0012	0.00053	mg/Kg	☼	10/03/25 10:17	10/05/25 03:06	1
cis-1,2-Dichloroethene	0.0012	U	0.0012	0.00044	mg/Kg	☼	10/03/25 10:17	10/05/25 03:06	1
cis-1,3-Dichloropropene	0.0012	U	0.0012	0.00033	mg/Kg	☼	10/03/25 10:17	10/05/25 03:06	1
Cyclohexane	0.0012	U	0.0012	0.00027	mg/Kg	☼	10/03/25 10:17	10/05/25 03:06	1
Dichlorobromomethane	0.0012	U	0.0012	0.00031	mg/Kg	☼	10/03/25 10:17	10/05/25 03:06	1
Dichlorodifluoromethane	0.0012	U	0.0012	0.00041	mg/Kg	☼	10/03/25 10:17	10/05/25 03:06	1
Ethylbenzene	0.0012	U	0.0012	0.00057	mg/Kg	☼	10/03/25 10:17	10/05/25 03:06	1
Ethylene Dibromide	0.0012	U	0.0012	0.00062	mg/Kg	☼	10/03/25 10:17	10/05/25 03:06	1
Isopropylbenzene	0.0012	U	0.0012	0.00035	mg/Kg	☼	10/03/25 10:17	10/05/25 03:06	1
Methyl acetate	0.0061	U	0.0061	0.0053	mg/Kg	☼	10/03/25 10:17	10/05/25 03:06	1
Methyl tert-butyl ether	0.0012	U	0.0012	0.00063	mg/Kg	☼	10/03/25 10:17	10/05/25 03:06	1
Methylcyclohexane	0.0012	U	0.0012	0.00061	mg/Kg	☼	10/03/25 10:17	10/05/25 03:06	1
Methylene Chloride	**0.0046**		0.0024	0.0014	mg/Kg	☼	10/03/25 10:17	10/05/25 03:06	1
m-Xylene & p-Xylene	0.0012	U	0.0012	0.00052	mg/Kg	☼	10/03/25 10:17	10/05/25 03:06	1
n-Butylbenzene	0.0012	U	0.0012	0.00036	mg/Kg	☼	10/03/25 10:17	10/05/25 03:06	1
N-Propylbenzene	0.0012	U	0.0012	0.00055	mg/Kg	☼	10/03/25 10:17	10/05/25 03:06	1
o-Xylene	0.0012	U	0.0012	0.00056	mg/Kg	☼	10/03/25 10:17	10/05/25 03:06	1
sec-Butylbenzene	0.0012	U	0.0012	0.00035	mg/Kg	☼	10/03/25 10:17	10/05/25 03:06	1
Styrene	0.0012	U	0.0012	0.00034	mg/Kg	☼	10/03/25 10:17	10/05/25 03:06	1
tert-Butylbenzene	0.0012	U	0.0012	0.00034	mg/Kg	☼	10/03/25 10:17	10/05/25 03:06	1
Tetrachloroethene	0.0012	U	0.0012	0.00037	mg/Kg	☼	10/03/25 10:17	10/05/25 03:06	1
Toluene	0.0012	U	0.0012	0.00029	mg/Kg	☼	10/03/25 10:17	10/05/25 03:06	1
trans-1,2-Dichloroethene	0.0012	U	0.0012	0.00030	mg/Kg	☼	10/03/25 10:17	10/05/25 03:06	1
trans-1,3-Dichloropropene	0.0012	U	0.0012	0.00032	mg/Kg	☼	10/03/25 10:17	10/05/25 03:06	1
Trichloroethene	0.0012	U	0.0012	0.00039	mg/Kg	☼	10/03/25 10:17	10/05/25 03:06	1
Trichlorofluoromethane	0.0012	U	0.0012	0.00050	mg/Kg	☼	10/03/25 10:17	10/05/25 03:06	1
Vinyl chloride	0.0012	U	0.0012	0.00067	mg/Kg	☼	10/03/25 10:17	10/05/25 03:06	1
Xylenes, Total	0.0024	U	0.0024	0.00021	mg/Kg	☼	10/03/25 10:17	10/05/25 03:06	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,2-Dichloroethane-d4 (Surr)	*117*		*65 - 138*	*10/03/25 10:17*	*10/05/25 03:06*	*1*
4-Bromofluorobenzene	*89*		*71 - 128*	*10/03/25 10:17*	*10/05/25 03:06*	*1*
Dibromofluoromethane (Surr)	*107*		*50 - 150*	*10/03/25 10:17*	*10/05/25 03:06*	*1*
Toluene-d8 (Surr)	*100*		*71 - 126*	*10/03/25 10:17*	*10/05/25 03:06*	*1*

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Percent Moisture (EPA Moisture)	**1.1**		1.0	1.0	%			10/05/25 13:43	1
Percent Solids (EPA Moisture)	**98.9**		1.0	1.0	%			10/05/25 13:43	1

Client Sample ID: 55C2_3-4
Date Collected: 09/30/25 09:30
Date Received: 09/30/25 16:15

Lab Sample ID: 460-336081-33
Matrix: Solid
Percent Solids: 99.4

Method: SW846 8260D - Volatile Organic Compounds by GC/MS

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1-Trichloroethane	0.0010	U	0.0010	0.00023	mg/Kg	☼	10/03/25 10:18	10/05/25 07:04	1
1,1,2,2-Tetrachloroethane	0.0010	U	0.0010	0.00052	mg/Kg	☼	10/03/25 10:18	10/05/25 07:04	1
1,1,2-Trichloro-1,2,2-trifluoroethane	0.0010	U	0.0010	0.00030	mg/Kg	☼	10/03/25 10:18	10/05/25 07:04	1
1,1,2-Trichloroethane	0.0010	U	0.0010	0.00060	mg/Kg	☼	10/03/25 10:18	10/05/25 07:04	1
1,1-Dichloroethane	0.0010	U	0.0010	0.00060	mg/Kg	☼	10/03/25 10:18	10/05/25 07:04	1
1,1-Dichloroethene	0.0010	U	0.0010	0.00022	mg/Kg	☼	10/03/25 10:18	10/05/25 07:04	1
1,2,3-Trichlorobenzene	0.0010	U	0.0010	0.00074	mg/Kg	☼	10/03/25 10:18	10/05/25 07:04	1
1,2,4-Trichlorobenzene	0.0010	U	0.0010	0.00036	mg/Kg	☼	10/03/25 10:18	10/05/25 07:04	1
1,2,4-Trimethylbenzene	0.0010	U	0.0010	0.00025	mg/Kg	☼	10/03/25 10:18	10/05/25 07:04	1
1,2-Dibromo-3-Chloropropane	0.0010	U	0.0010	0.00046	mg/Kg	☼	10/03/25 10:18	10/05/25 07:04	1
1,2-Dichlorobenzene	0.0010	U	0.0010	0.00036	mg/Kg	☼	10/03/25 10:18	10/05/25 07:04	1
1,2-Dichloroethane	0.0010	U	0.0010	0.00030	mg/Kg	☼	10/03/25 10:18	10/05/25 07:04	1
1,2-Dichloropropane	0.0010	U	0.0010	0.00042	mg/Kg	☼	10/03/25 10:18	10/05/25 07:04	1
1,3,5-Trimethylbenzene	0.0010	U	0.0010	0.00031	mg/Kg	☼	10/03/25 10:18	10/05/25 07:04	1
1,3-Dichlorobenzene	0.0010	U	0.0010	0.00036	mg/Kg	☼	10/03/25 10:18	10/05/25 07:04	1
1,4-Dichlorobenzene	0.0010	U	0.0010	0.00052	mg/Kg	☼	10/03/25 10:18	10/05/25 07:04	1
2-Butanone (MEK)	0.0050	U	0.0050	0.00037	mg/Kg	☼	10/03/25 10:18	10/05/25 07:04	1
2-Hexanone	0.0050	U	0.0050	0.0017	mg/Kg	☼	10/03/25 10:18	10/05/25 07:04	1
4-Methyl-2-pentanone (MIBK)	0.0050	U	0.0050	0.0016	mg/Kg	☼	10/03/25 10:18	10/05/25 07:04	1
Acetone	0.0060	U	0.0060	0.0057	mg/Kg	☼	10/03/25 10:18	10/05/25 07:04	1
Benzene	0.0010	U	0.0010	0.00057	mg/Kg	☼	10/03/25 10:18	10/05/25 07:04	1
Bromoform	0.0010	U	0.0010	0.00042	mg/Kg	☼	10/03/25 10:18	10/05/25 07:04	1
Bromomethane	0.0020	U	0.0020	0.0010	mg/Kg	☼	10/03/25 10:18	10/05/25 07:04	1
Carbon disulfide	0.0010	U	0.0010	0.00027	mg/Kg	☼	10/03/25 10:18	10/05/25 07:04	1
Carbon tetrachloride	0.0010	U	0.0010	0.00039	mg/Kg	☼	10/03/25 10:18	10/05/25 07:04	1
Chlorobenzene	0.0010	U	0.0010	0.00051	mg/Kg	☼	10/03/25 10:18	10/05/25 07:04	1
Chlorobromomethane	0.0010	U	0.0010	0.00060	mg/Kg	☼	10/03/25 10:18	10/05/25 07:04	1
Chlorodibromomethane	0.0010	U	0.0010	0.00054	mg/Kg	☼	10/03/25 10:18	10/05/25 07:04	1
Chloroethane	0.0010	U	0.0010	0.00052	mg/Kg	☼	10/03/25 10:18	10/05/25 07:04	1
Chloroform	0.0010	U	0.0010	0.00097	mg/Kg	☼	10/03/25 10:18	10/05/25 07:04	1
Chloromethane	0.0010	U	0.0010	0.00043	mg/Kg	☼	10/03/25 10:18	10/05/25 07:04	1
cis-1,2-Dichloroethene	0.0010	U	0.0010	0.00036	mg/Kg	☼	10/03/25 10:18	10/05/25 07:04	1
cis-1,3-Dichloropropene	0.0010	U	0.0010	0.00027	mg/Kg	☼	10/03/25 10:18	10/05/25 07:04	1
Cyclohexane	0.0010	U	0.0010	0.00022	mg/Kg	☼	10/03/25 10:18	10/05/25 07:04	1
Dichlorobromomethane	0.0010	U	0.0010	0.00026	mg/Kg	☼	10/03/25 10:18	10/05/25 07:04	1
Dichlorodifluoromethane	0.0010	U	0.0010	0.00034	mg/Kg	☼	10/03/25 10:18	10/05/25 07:04	1
Ethylbenzene	0.0010	U	0.0010	0.00047	mg/Kg	☼	10/03/25 10:18	10/05/25 07:04	1
Ethylene Dibromide	0.0010	U	0.0010	0.00050	mg/Kg	☼	10/03/25 10:18	10/05/25 07:04	1
Isopropylbenzene	0.0010	U	0.0010	0.00028	mg/Kg	☼	10/03/25 10:18	10/05/25 07:04	1
Methyl acetate	0.0050	U	0.0050	0.0043	mg/Kg	☼	10/03/25 10:18	10/05/25 07:04	1
Methyl tert-butyl ether	0.0010	U	0.0010	0.00051	mg/Kg	☼	10/03/25 10:18	10/05/25 07:04	1
Methylcyclohexane	0.0010	U	0.0010	0.00050	mg/Kg	☼	10/03/25 10:18	10/05/25 07:04	1
Methylene Chloride	**0.0042**		0.0020	0.0011	mg/Kg	☼	10/03/25 10:18	10/05/25 07:04	1
m-Xylene & p-Xylene	0.0010	U	0.0010	0.00042	mg/Kg	☼	10/03/25 10:18	10/05/25 07:04	1
n-Butylbenzene	0.0010	U	0.0010	0.00029	mg/Kg	☼	10/03/25 10:18	10/05/25 07:04	1
N-Propylbenzene	0.0010	U	0.0010	0.00045	mg/Kg	☼	10/03/25 10:18	10/05/25 07:04	1
o-Xylene	0.0010	U	0.0010	0.00046	mg/Kg	☼	10/03/25 10:18	10/05/25 07:04	1
sec-Butylbenzene	0.0010	U	0.0010	0.00029	mg/Kg	☼	10/03/25 10:18	10/05/25 07:04	1
Styrene	0.0010	U	0.0010	0.00028	mg/Kg	☼	10/03/25 10:18	10/05/25 07:04	1

Client Sample ID: 55C2_3-4

Lab Sample ID: 460-336081-33

Date Collected: 09/30/25 09:30

Matrix: Solid

Date Received: 09/30/25 16:15

Percent Solids: 99.4

Method: SW846 8260D - Volatile Organic Compounds by GC/MS (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
tert-Butylbenzene	0.0010	U	0.0010	0.00028	mg/Kg	☼	10/03/25 10:18	10/05/25 07:04	1
Tetrachloroethene	0.0010	U	0.0010	0.00030	mg/Kg	☼	10/03/25 10:18	10/05/25 07:04	1
Toluene	0.0010	U	0.0010	0.00023	mg/Kg	☼	10/03/25 10:18	10/05/25 07:04	1
trans-1,2-Dichloroethene	0.0010	U	0.0010	0.00025	mg/Kg	☼	10/03/25 10:18	10/05/25 07:04	1
trans-1,3-Dichloropropene	0.0010	U	0.0010	0.00027	mg/Kg	☼	10/03/25 10:18	10/05/25 07:04	1
Trichloroethene	0.0010	U	0.0010	0.00032	mg/Kg	☼	10/03/25 10:18	10/05/25 07:04	1
Trichlorofluoromethane	0.0010	U	0.0010	0.00041	mg/Kg	☼	10/03/25 10:18	10/05/25 07:04	1
Vinyl chloride	0.0010	U	0.0010	0.00055	mg/Kg	☼	10/03/25 10:18	10/05/25 07:04	1
Xylenes, Total	0.0020	U	0.0020	0.00017	mg/Kg	☼	10/03/25 10:18	10/05/25 07:04	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,2-Dichloroethane-d4 (Surr)	*117*		*65 - 138*	*10/03/25 10:18*	*10/05/25 07:04*	*1*
4-Bromofluorobenzene	*89*		*71 - 128*	*10/03/25 10:18*	*10/05/25 07:04*	*1*
Dibromofluoromethane (Surr)	*107*		*50 - 150*	*10/03/25 10:18*	*10/05/25 07:04*	*1*
Toluene-d8 (Surr)	*97*		*71 - 126*	*10/03/25 10:18*	*10/05/25 07:04*	*1*

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Percent Moisture (EPA Moisture)	1.0	U	1.0	1.0	%			10/05/25 13:43	1
Percent Solids (EPA Moisture)	**99.4**		1.0	1.0	%			10/05/25 13:43	1

Client Sample ID: 55C3_4-5

Lab Sample ID: 460-336081-34

Date Collected: 09/30/25 09:35

Matrix: Solid

Date Received: 09/30/25 16:15

Percent Solids: 95.1

Method: SW846 8260D - Volatile Organic Compounds by GC/MS

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1-Trichloroethane	0.0011	U	0.0011	0.00026	mg/Kg	☼	10/03/25 10:18	10/05/25 07:27	1
1,1,2,2-Tetrachloroethane	0.0011	U	0.0011	0.00057	mg/Kg	☼	10/03/25 10:18	10/05/25 07:27	1
1,1,2-Trichloro-1,2,2-trifluoroethane	0.0011	U	0.0011	0.00033	mg/Kg	☼	10/03/25 10:18	10/05/25 07:27	1
1,1,2-Trichloroethane	0.0011	U	0.0011	0.00066	mg/Kg	☼	10/03/25 10:18	10/05/25 07:27	1
1,1-Dichloroethane	0.0011	U	0.0011	0.00065	mg/Kg	☼	10/03/25 10:18	10/05/25 07:27	1
1,1-Dichloroethene	0.0011	U	0.0011	0.00025	mg/Kg	☼	10/03/25 10:18	10/05/25 07:27	1
1,2,3-Trichlorobenzene	0.0011	U	0.0011	0.00081	mg/Kg	☼	10/03/25 10:18	10/05/25 07:27	1
1,2,4-Trichlorobenzene	0.0011	U	0.0011	0.00039	mg/Kg	☼	10/03/25 10:18	10/05/25 07:27	1
1,2,4-Trimethylbenzene	0.0011	U	0.0011	0.00027	mg/Kg	☼	10/03/25 10:18	10/05/25 07:27	1
1,2-Dibromo-3-Chloropropane	0.0011	U	0.0011	0.00050	mg/Kg	☼	10/03/25 10:18	10/05/25 07:27	1
1,2-Dichlorobenzene	0.0011	U	0.0011	0.00040	mg/Kg	☼	10/03/25 10:18	10/05/25 07:27	1
1,2-Dichloroethane	0.0011	U	0.0011	0.00032	mg/Kg	☼	10/03/25 10:18	10/05/25 07:27	1
1,2-Dichloropropane	0.0011	U	0.0011	0.00046	mg/Kg	☼	10/03/25 10:18	10/05/25 07:27	1
1,3,5-Trimethylbenzene	0.0011	U	0.0011	0.00034	mg/Kg	☼	10/03/25 10:18	10/05/25 07:27	1
1,3-Dichlorobenzene	0.0011	U	0.0011	0.00040	mg/Kg	☼	10/03/25 10:18	10/05/25 07:27	1
1,4-Dichlorobenzene	0.0011	U	0.0011	0.00057	mg/Kg	☼	10/03/25 10:18	10/05/25 07:27	1
2-Butanone (MEK)	0.0055	U	0.0055	0.00040	mg/Kg	☼	10/03/25 10:18	10/05/25 07:27	1
2-Hexanone	0.0055	U	0.0055	0.0019	mg/Kg	☼	10/03/25 10:18	10/05/25 07:27	1
4-Methyl-2-pentanone (MIBK)	0.0055	U	0.0055	0.0017	mg/Kg	☼	10/03/25 10:18	10/05/25 07:27	1
Acetone	0.0066	U	0.0066	0.0063	mg/Kg	☼	10/03/25 10:18	10/05/25 07:27	1
Benzene	0.0011	U	0.0011	0.00062	mg/Kg	☼	10/03/25 10:18	10/05/25 07:27	1
Bromoform	0.0011	U	0.0011	0.00047	mg/Kg	☼	10/03/25 10:18	10/05/25 07:27	1
Bromomethane	0.0022	U	0.0022	0.0011	mg/Kg	☼	10/03/25 10:18	10/05/25 07:27	1

Client: Haley & Aldrich, Inc.
Project/Site: Former Port Mobil

Job ID: 460-336081-1

Client Sample ID: 55C3_4-5
Date Collected: 09/30/25 09:35
Date Received: 09/30/25 16:15

Lab Sample ID: 460-336081-34
Matrix: Solid
Percent Solids: 95.1

Method: SW846 8260D - Volatile Organic Compounds by GC/MS (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Carbon disulfide	0.0011	U	0.0011	0.00029	mg/Kg	☼	10/03/25 10:18	10/05/25 07:27	1
Carbon tetrachloride	0.0011	U	0.0011	0.00042	mg/Kg	☼	10/03/25 10:18	10/05/25 07:27	1
Chlorobenzene	0.0011	U	0.0011	0.00056	mg/Kg	☼	10/03/25 10:18	10/05/25 07:27	1
Chlorobromomethane	0.0011	U	0.0011	0.00065	mg/Kg	☼	10/03/25 10:18	10/05/25 07:27	1
Chlorodibromomethane	0.0011	U	0.0011	0.00059	mg/Kg	☼	10/03/25 10:18	10/05/25 07:27	1
Chloroethane	0.0011	U	0.0011	0.00057	mg/Kg	☼	10/03/25 10:18	10/05/25 07:27	1
Chloroform	0.0011	U	0.0011	0.0011	mg/Kg	☼	10/03/25 10:18	10/05/25 07:27	1
Chloromethane	0.0011	U	0.0011	0.00048	mg/Kg	☼	10/03/25 10:18	10/05/25 07:27	1
cis-1,2-Dichloroethene	0.0011	U	0.0011	0.00039	mg/Kg	☼	10/03/25 10:18	10/05/25 07:27	1
cis-1,3-Dichloropropene	0.0011	U	0.0011	0.00030	mg/Kg	☼	10/03/25 10:18	10/05/25 07:27	1
Cyclohexane	0.0011	U	0.0011	0.00024	mg/Kg	☼	10/03/25 10:18	10/05/25 07:27	1
Dichlorobromomethane	0.0011	U	0.0011	0.00028	mg/Kg	☼	10/03/25 10:18	10/05/25 07:27	1
Dichlorodifluoromethane	0.0011	U	0.0011	0.00037	mg/Kg	☼	10/03/25 10:18	10/05/25 07:27	1
Ethylbenzene	0.0011	U	0.0011	0.00051	mg/Kg	☼	10/03/25 10:18	10/05/25 07:27	1
Ethylene Dibromide	0.0011	U	0.0011	0.00055	mg/Kg	☼	10/03/25 10:18	10/05/25 07:27	1
Isopropylbenzene	0.0011	U	0.0011	0.00031	mg/Kg	☼	10/03/25 10:18	10/05/25 07:27	1
Methyl acetate	0.0055	U	0.0055	0.0047	mg/Kg	☼	10/03/25 10:18	10/05/25 07:27	1
Methyl tert-butyl ether	0.0011	U	0.0011	0.00056	mg/Kg	☼	10/03/25 10:18	10/05/25 07:27	1
Methylcyclohexane	0.0011	U	0.0011	0.00055	mg/Kg	☼	10/03/25 10:18	10/05/25 07:27	1
Methylene Chloride	**0.0055**		0.0022	0.0013	mg/Kg	☼	10/03/25 10:18	10/05/25 07:27	1
m-Xylene & p-Xylene	0.0011	U	0.0011	0.00046	mg/Kg	☼	10/03/25 10:18	10/05/25 07:27	1
n-Butylbenzene	0.0011	U	0.0011	0.00032	mg/Kg	☼	10/03/25 10:18	10/05/25 07:27	1
N-Propylbenzene	0.0011	U	0.0011	0.00049	mg/Kg	☼	10/03/25 10:18	10/05/25 07:27	1
o-Xylene	0.0011	U	0.0011	0.00051	mg/Kg	☼	10/03/25 10:18	10/05/25 07:27	1
sec-Butylbenzene	0.0011	U	0.0011	0.00032	mg/Kg	☼	10/03/25 10:18	10/05/25 07:27	1
Styrene	0.0011	U	0.0011	0.00030	mg/Kg	☼	10/03/25 10:18	10/05/25 07:27	1
tert-Butylbenzene	0.0011	U	0.0011	0.00030	mg/Kg	☼	10/03/25 10:18	10/05/25 07:27	1
Tetrachloroethene	0.0011	U	0.0011	0.00033	mg/Kg	☼	10/03/25 10:18	10/05/25 07:27	1
Toluene	0.0011	U	0.0011	0.00026	mg/Kg	☼	10/03/25 10:18	10/05/25 07:27	1
trans-1,2-Dichloroethene	0.0011	U	0.0011	0.00027	mg/Kg	☼	10/03/25 10:18	10/05/25 07:27	1
trans-1,3-Dichloropropene	0.0011	U	0.0011	0.00029	mg/Kg	☼	10/03/25 10:18	10/05/25 07:27	1
Trichloroethene	0.0011	U	0.0011	0.00035	mg/Kg	☼	10/03/25 10:18	10/05/25 07:27	1
Trichlorofluoromethane	0.0011	U	0.0011	0.00045	mg/Kg	☼	10/03/25 10:18	10/05/25 07:27	1
Vinyl chloride	0.0011	U	0.0011	0.00060	mg/Kg	☼	10/03/25 10:18	10/05/25 07:27	1
Xylenes, Total	0.0022	U	0.0022	0.00019	mg/Kg	☼	10/03/25 10:18	10/05/25 07:27	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,2-Dichloroethane-d4 (Surr)	*115*		*65 - 138*	*10/03/25 10:18*	*10/05/25 07:27*	*1*
4-Bromofluorobenzene	*89*		*71 - 128*	*10/03/25 10:18*	*10/05/25 07:27*	*1*
Dibromofluoromethane (Surr)	*108*		*50 - 150*	*10/03/25 10:18*	*10/05/25 07:27*	*1*
Toluene-d8 (Surr)	*100*		*71 - 126*	*10/03/25 10:18*	*10/05/25 07:27*	*1*

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Percent Moisture (EPA Moisture)	**4.9**		1.0	1.0	%			10/05/25 13:43	1
Percent Solids (EPA Moisture)	**95.1**		1.0	1.0	%			10/05/25 13:43	1

Client: Haley & Aldrich, Inc.
Project/Site: Former Port Mobil

Job ID: 460-336081-1

Client Sample ID: 55C1_5-6
Date Collected: 09/30/25 09:40
Date Received: 09/30/25 16:15

Lab Sample ID: 460-336081-35
Matrix: Solid
Percent Solids: 97.2

Method: SW846 8260D - Volatile Organic Compounds by GC/MS

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1-Trichloroethane	0.00086	U	0.00086	0.00020	mg/Kg	☼	10/03/25 10:18	10/05/25 07:51	1
1,1,2,2-Tetrachloroethane	0.00086	U	0.00086	0.00045	mg/Kg	☼	10/03/25 10:18	10/05/25 07:51	1
1,1,2-Trichloro-1,2,2-trifluoroethane	0.00086	U	0.00086	0.00026	mg/Kg	☼	10/03/25 10:18	10/05/25 07:51	1
1,1,2-Trichloroethane	0.00086	U	0.00086	0.00052	mg/Kg	☼	10/03/25 10:18	10/05/25 07:51	1
1,1-Dichloroethane	0.00086	U	0.00086	0.00051	mg/Kg	☼	10/03/25 10:18	10/05/25 07:51	1
1,1-Dichloroethene	0.00086	U	0.00086	0.00019	mg/Kg	☼	10/03/25 10:18	10/05/25 07:51	1
1,2,3-Trichlorobenzene	0.00086	U	0.00086	0.00064	mg/Kg	☼	10/03/25 10:18	10/05/25 07:51	1
1,2,4-Trichlorobenzene	0.00086	U	0.00086	0.00031	mg/Kg	☼	10/03/25 10:18	10/05/25 07:51	1
1,2,4-Trimethylbenzene	0.00086	U	0.00086	0.00021	mg/Kg	☼	10/03/25 10:18	10/05/25 07:51	1
1,2-Dibromo-3-Chloropropane	0.00086	U	0.00086	0.00040	mg/Kg	☼	10/03/25 10:18	10/05/25 07:51	1
1,2-Dichlorobenzene	0.00086	U	0.00086	0.00031	mg/Kg	☼	10/03/25 10:18	10/05/25 07:51	1
1,2-Dichloroethane	0.00086	U	0.00086	0.00025	mg/Kg	☼	10/03/25 10:18	10/05/25 07:51	1
1,2-Dichloropropane	0.00086	U	0.00086	0.00036	mg/Kg	☼	10/03/25 10:18	10/05/25 07:51	1
1,3,5-Trimethylbenzene	0.00086	U	0.00086	0.00027	mg/Kg	☼	10/03/25 10:18	10/05/25 07:51	1
1,3-Dichlorobenzene	0.00086	U	0.00086	0.00031	mg/Kg	☼	10/03/25 10:18	10/05/25 07:51	1
1,4-Dichlorobenzene	0.00086	U	0.00086	0.00045	mg/Kg	☼	10/03/25 10:18	10/05/25 07:51	1
2-Butanone (MEK)	0.0043	U	0.0043	0.00032	mg/Kg	☼	10/03/25 10:18	10/05/25 07:51	1
2-Hexanone	0.0043	U	0.0043	0.0015	mg/Kg	☼	10/03/25 10:18	10/05/25 07:51	1
4-Methyl-2-pentanone (MIBK)	0.0043	U	0.0043	0.0013	mg/Kg	☼	10/03/25 10:18	10/05/25 07:51	1
Acetone	0.0052	U	0.0052	0.0049	mg/Kg	☼	10/03/25 10:18	10/05/25 07:51	1
Benzene	0.00086	U	0.00086	0.00049	mg/Kg	☼	10/03/25 10:18	10/05/25 07:51	1
Bromoform	0.00086	U	0.00086	0.00037	mg/Kg	☼	10/03/25 10:18	10/05/25 07:51	1
Bromomethane	0.0017	U	0.0017	0.00086	mg/Kg	☼	10/03/25 10:18	10/05/25 07:51	1
Carbon disulfide	0.00086	U	0.00086	0.00023	mg/Kg	☼	10/03/25 10:18	10/05/25 07:51	1
Carbon tetrachloride	0.00086	U	0.00086	0.00033	mg/Kg	☼	10/03/25 10:18	10/05/25 07:51	1
Chlorobenzene	0.00086	U	0.00086	0.00044	mg/Kg	☼	10/03/25 10:18	10/05/25 07:51	1
Chlorobromomethane	0.00086	U	0.00086	0.00051	mg/Kg	☼	10/03/25 10:18	10/05/25 07:51	1
Chlorodibromomethane	0.00086	U	0.00086	0.00046	mg/Kg	☼	10/03/25 10:18	10/05/25 07:51	1
Chloroethane	0.00086	U	0.00086	0.00045	mg/Kg	☼	10/03/25 10:18	10/05/25 07:51	1
Chloroform	0.00086	U	0.00086	0.00084	mg/Kg	☼	10/03/25 10:18	10/05/25 07:51	1
Chloromethane	0.00086	U	0.00086	0.00037	mg/Kg	☼	10/03/25 10:18	10/05/25 07:51	1
cis-1,2-Dichloroethene	0.00086	U	0.00086	0.00031	mg/Kg	☼	10/03/25 10:18	10/05/25 07:51	1
cis-1,3-Dichloropropene	0.00086	U	0.00086	0.00024	mg/Kg	☼	10/03/25 10:18	10/05/25 07:51	1
Cyclohexane	0.00086	U	0.00086	0.00019	mg/Kg	☼	10/03/25 10:18	10/05/25 07:51	1
Dichlorobromomethane	0.00086	U	0.00086	0.00022	mg/Kg	☼	10/03/25 10:18	10/05/25 07:51	1
Dichlorodifluoromethane	0.00086	U	0.00086	0.00029	mg/Kg	☼	10/03/25 10:18	10/05/25 07:51	1
Ethylbenzene	0.00086	U	0.00086	0.00040	mg/Kg	☼	10/03/25 10:18	10/05/25 07:51	1
Ethylene Dibromide	0.00086	U	0.00086	0.00043	mg/Kg	☼	10/03/25 10:18	10/05/25 07:51	1
Isopropylbenzene	0.00086	U	0.00086	0.00025	mg/Kg	☼	10/03/25 10:18	10/05/25 07:51	1
Methyl acetate	0.0043	U	0.0043	0.0037	mg/Kg	☼	10/03/25 10:18	10/05/25 07:51	1
Methyl tert-butyl ether	0.00086	U	0.00086	0.00044	mg/Kg	☼	10/03/25 10:18	10/05/25 07:51	1
Methylcyclohexane	0.00086	U	0.00086	0.00043	mg/Kg	☼	10/03/25 10:18	10/05/25 07:51	1
Methylene Chloride	**0.0039**		0.0017	0.00099	mg/Kg	☼	10/03/25 10:18	10/05/25 07:51	1
m-Xylene & p-Xylene	0.00086	U	0.00086	0.00036	mg/Kg	☼	10/03/25 10:18	10/05/25 07:51	1
n-Butylbenzene	0.00086	U	0.00086	0.00025	mg/Kg	☼	10/03/25 10:18	10/05/25 07:51	1
N-Propylbenzene	0.00086	U	0.00086	0.00039	mg/Kg	☼	10/03/25 10:18	10/05/25 07:51	1
o-Xylene	0.00086	U	0.00086	0.00040	mg/Kg	☼	10/03/25 10:18	10/05/25 07:51	1
sec-Butylbenzene	0.00086	U	0.00086	0.00025	mg/Kg	☼	10/03/25 10:18	10/05/25 07:51	1
Styrene	0.00086	U	0.00086	0.00024	mg/Kg	☼	10/03/25 10:18	10/05/25 07:51	1

Client Sample ID: 55C1_5-6

Lab Sample ID: 460-336081-35

Date Collected: 09/30/25 09:40

Matrix: Solid

Date Received: 09/30/25 16:15

Percent Solids: 97.2

Method: SW846 8260D - Volatile Organic Compounds by GC/MS (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
tert-Butylbenzene	0.00086	U	0.00086	0.00024	mg/Kg	☼	10/03/25 10:18	10/05/25 07:51	1
Tetrachloroethene	0.00086	U	0.00086	0.00026	mg/Kg	☼	10/03/25 10:18	10/05/25 07:51	1
Toluene	0.00086	U	0.00086	0.00020	mg/Kg	☼	10/03/25 10:18	10/05/25 07:51	1
trans-1,2-Dichloroethene	0.00086	U	0.00086	0.00021	mg/Kg	☼	10/03/25 10:18	10/05/25 07:51	1
trans-1,3-Dichloropropene	0.00086	U	0.00086	0.00023	mg/Kg	☼	10/03/25 10:18	10/05/25 07:51	1
Trichloroethene	0.00086	U	0.00086	0.00028	mg/Kg	☼	10/03/25 10:18	10/05/25 07:51	1
Trichlorofluoromethane	0.00086	U	0.00086	0.00035	mg/Kg	☼	10/03/25 10:18	10/05/25 07:51	1
Vinyl chloride	0.00086	U	0.00086	0.00047	mg/Kg	☼	10/03/25 10:18	10/05/25 07:51	1
Xylenes, Total	0.0017	U	0.0017	0.00015	mg/Kg	☼	10/03/25 10:18	10/05/25 07:51	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,2-Dichloroethane-d4 (Surr)	*118*		*65 - 138*	*10/03/25 10:18*	*10/05/25 07:51*	*1*
4-Bromofluorobenzene	*90*		*71 - 128*	*10/03/25 10:18*	*10/05/25 07:51*	*1*
Dibromofluoromethane (Surr)	*108*		*50 - 150*	*10/03/25 10:18*	*10/05/25 07:51*	*1*
Toluene-d8 (Surr)	*98*		*71 - 126*	*10/03/25 10:18*	*10/05/25 07:51*	*1*

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Percent Moisture (EPA Moisture)	**2.8**		1.0	1.0	%			10/05/25 13:43	1
Percent Solids (EPA Moisture)	**97.2**		1.0	1.0	%			10/05/25 13:43	1

Client Sample ID: 56A1_1-2

Lab Sample ID: 460-336081-36

Date Collected: 09/30/25 10:10

Matrix: Solid

Date Received: 09/30/25 16:15

Percent Solids: 98.5

Method: SW846 8260D - Volatile Organic Compounds by GC/MS

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1-Trichloroethane	0.0013	U	0.0013	0.00030	mg/Kg	☼	10/03/25 10:19	10/05/25 08:15	1
1,1,2,2-Tetrachloroethane	0.0013	U	0.0013	0.00068	mg/Kg	☼	10/03/25 10:19	10/05/25 08:15	1
1,1,2-Trichloro-1,2,2-trifluoroethane	0.0013	U	0.0013	0.00039	mg/Kg	☼	10/03/25 10:19	10/05/25 08:15	1
1,1,2-Trichloroethane	0.0013	U	0.0013	0.00078	mg/Kg	☼	10/03/25 10:19	10/05/25 08:15	1
1,1-Dichloroethane	0.0013	U	0.0013	0.00077	mg/Kg	☼	10/03/25 10:19	10/05/25 08:15	1
1,1-Dichloroethene	0.0013	U	0.0013	0.00029	mg/Kg	☼	10/03/25 10:19	10/05/25 08:15	1
1,2,3-Trichlorobenzene	0.0013	U	0.0013	0.00096	mg/Kg	☼	10/03/25 10:19	10/05/25 08:15	1
1,2,4-Trichlorobenzene	0.0013	U	0.0013	0.00046	mg/Kg	☼	10/03/25 10:19	10/05/25 08:15	1
1,2,4-Trimethylbenzene	0.0013	U	0.0013	0.00032	mg/Kg	☼	10/03/25 10:19	10/05/25 08:15	1
1,2-Dibromo-3-Chloropropane	0.0013	U	0.0013	0.00060	mg/Kg	☼	10/03/25 10:19	10/05/25 08:15	1
1,2-Dichlorobenzene	0.0013	U	0.0013	0.00047	mg/Kg	☼	10/03/25 10:19	10/05/25 08:15	1
1,2-Dichloroethane	0.0013	U	0.0013	0.00038	mg/Kg	☼	10/03/25 10:19	10/05/25 08:15	1
1,2-Dichloropropane	0.0013	U	0.0013	0.00055	mg/Kg	☼	10/03/25 10:19	10/05/25 08:15	1
1,3,5-Trimethylbenzene	0.0013	U	0.0013	0.00041	mg/Kg	☼	10/03/25 10:19	10/05/25 08:15	1
1,3-Dichlorobenzene	0.0013	U	0.0013	0.00047	mg/Kg	☼	10/03/25 10:19	10/05/25 08:15	1
1,4-Dichlorobenzene	0.0013	U	0.0013	0.00067	mg/Kg	☼	10/03/25 10:19	10/05/25 08:15	1
2-Butanone (MEK)	0.0065	U	0.0065	0.00048	mg/Kg	☼	10/03/25 10:19	10/05/25 08:15	1
2-Hexanone	0.0065	U	0.0065	0.0022	mg/Kg	☼	10/03/25 10:19	10/05/25 08:15	1
4-Methyl-2-pentanone (MIBK)	0.0065	U	0.0065	0.0020	mg/Kg	☼	10/03/25 10:19	10/05/25 08:15	1
Acetone	0.0078	U	0.0078	0.0074	mg/Kg	☼	10/03/25 10:19	10/05/25 08:15	1
Benzene	0.0013	U	0.0013	0.00074	mg/Kg	☼	10/03/25 10:19	10/05/25 08:15	1
Bromoform	0.0013	U	0.0013	0.00055	mg/Kg	☼	10/03/25 10:19	10/05/25 08:15	1
Bromomethane	0.0026	U	0.0026	0.0013	mg/Kg	☼	10/03/25 10:19	10/05/25 08:15	1

Client Sample ID: 56A1_1-2
Date Collected: 09/30/25 10:10
Date Received: 09/30/25 16:15

Lab Sample ID: 460-336081-36
Matrix: Solid
Percent Solids: 98.5

Method: SW846 8260D - Volatile Organic Compounds by GC/MS (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Carbon disulfide	0.0013	U	0.0013	0.00035	mg/Kg	☼	10/03/25 10:19	10/05/25 08:15	1
Carbon tetrachloride	0.0013	U	0.0013	0.00050	mg/Kg	☼	10/03/25 10:19	10/05/25 08:15	1
Chlorobenzene	0.0013	U	0.0013	0.00066	mg/Kg	☼	10/03/25 10:19	10/05/25 08:15	1
Chlorobromomethane	0.0013	U	0.0013	0.00077	mg/Kg	☼	10/03/25 10:19	10/05/25 08:15	1
Chlorodibromomethane	0.0013	U	0.0013	0.00070	mg/Kg	☼	10/03/25 10:19	10/05/25 08:15	1
Chloroethane	0.0013	U	0.0013	0.00068	mg/Kg	☼	10/03/25 10:19	10/05/25 08:15	1
Chloroform	0.0013	U	0.0013	0.0013	mg/Kg	☼	10/03/25 10:19	10/05/25 08:15	1
Chloromethane	0.0013	U	0.0013	0.00056	mg/Kg	☼	10/03/25 10:19	10/05/25 08:15	1
cis-1,2-Dichloroethene	0.0013	U	0.0013	0.00046	mg/Kg	☼	10/03/25 10:19	10/05/25 08:15	1
cis-1,3-Dichloropropene	0.0013	U	0.0013	0.00035	mg/Kg	☼	10/03/25 10:19	10/05/25 08:15	1
Cyclohexane	0.0013	U	0.0013	0.00029	mg/Kg	☼	10/03/25 10:19	10/05/25 08:15	1
Dichlorobromomethane	0.0013	U	0.0013	0.00033	mg/Kg	☼	10/03/25 10:19	10/05/25 08:15	1
Dichlorodifluoromethane	0.0013	U	0.0013	0.00044	mg/Kg	☼	10/03/25 10:19	10/05/25 08:15	1
Ethylbenzene	0.0013	U	0.0013	0.00061	mg/Kg	☼	10/03/25 10:19	10/05/25 08:15	1
Ethylene Dibromide	0.0013	U	0.0013	0.00065	mg/Kg	☼	10/03/25 10:19	10/05/25 08:15	1
Isopropylbenzene	0.0013	U	0.0013	0.00037	mg/Kg	☼	10/03/25 10:19	10/05/25 08:15	1
Methyl acetate	0.0065	U	0.0065	0.0056	mg/Kg	☼	10/03/25 10:19	10/05/25 08:15	1
Methyl tert-butyl ether	0.0013	U	0.0013	0.00066	mg/Kg	☼	10/03/25 10:19	10/05/25 08:15	1
Methylcyclohexane	0.0013	U	0.0013	0.00065	mg/Kg	☼	10/03/25 10:19	10/05/25 08:15	1
Methylene Chloride	**0.0026**		0.0026	0.0015	mg/Kg	☼	10/03/25 10:19	10/05/25 08:15	1
m-Xylene & p-Xylene	0.0013	U	0.0013	0.00055	mg/Kg	☼	10/03/25 10:19	10/05/25 08:15	1
n-Butylbenzene	0.0013	U	0.0013	0.00038	mg/Kg	☼	10/03/25 10:19	10/05/25 08:15	1
N-Propylbenzene	0.0013	U	0.0013	0.00058	mg/Kg	☼	10/03/25 10:19	10/05/25 08:15	1
o-Xylene	0.0013	U	0.0013	0.00060	mg/Kg	☼	10/03/25 10:19	10/05/25 08:15	1
sec-Butylbenzene	0.0013	U	0.0013	0.00037	mg/Kg	☼	10/03/25 10:19	10/05/25 08:15	1
Styrene	0.0013	U	0.0013	0.00036	mg/Kg	☼	10/03/25 10:19	10/05/25 08:15	1
tert-Butylbenzene	0.0013	U	0.0013	0.00036	mg/Kg	☼	10/03/25 10:19	10/05/25 08:15	1
Tetrachloroethene	0.0013	U	0.0013	0.00040	mg/Kg	☼	10/03/25 10:19	10/05/25 08:15	1
Toluene	0.0013	U	0.0013	0.00030	mg/Kg	☼	10/03/25 10:19	10/05/25 08:15	1
trans-1,2-Dichloroethene	0.0013	U	0.0013	0.00032	mg/Kg	☼	10/03/25 10:19	10/05/25 08:15	1
trans-1,3-Dichloropropene	0.0013	U	0.0013	0.00035	mg/Kg	☼	10/03/25 10:19	10/05/25 08:15	1
Trichloroethene	0.0013	U	0.0013	0.00042	mg/Kg	☼	10/03/25 10:19	10/05/25 08:15	1
Trichlorofluoromethane	0.0013	U	0.0013	0.00053	mg/Kg	☼	10/03/25 10:19	10/05/25 08:15	1
Vinyl chloride	0.0013	U	0.0013	0.00071	mg/Kg	☼	10/03/25 10:19	10/05/25 08:15	1
Xylenes, Total	0.0026	U	0.0026	0.00023	mg/Kg	☼	10/03/25 10:19	10/05/25 08:15	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,2-Dichloroethane-d4 (Surr)	*115*		*65 - 138*	*10/03/25 10:19*	*10/05/25 08:15*	*1*
4-Bromofluorobenzene	*89*		*71 - 128*	*10/03/25 10:19*	*10/05/25 08:15*	*1*
Dibromofluoromethane (Surr)	*105*		*50 - 150*	*10/03/25 10:19*	*10/05/25 08:15*	*1*
Toluene-d8 (Surr)	*97*		*71 - 126*	*10/03/25 10:19*	*10/05/25 08:15*	*1*

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Percent Moisture (EPA Moisture)	**1.5**		1.0	1.0	%			10/05/25 13:43	1
Percent Solids (EPA Moisture)	**98.5**		1.0	1.0	%			10/05/25 13:43	1

Client: Haley & Aldrich, Inc.
Project/Site: Former Port Mobil

Job ID: 460-336081-1

Client Sample ID: 56A2_2-3
Date Collected: 09/30/25 10:20
Date Received: 09/30/25 16:15

Lab Sample ID: 460-336081-37
Matrix: Solid
Percent Solids: 96.4

Method: SW846 8260D - Volatile Organic Compounds by GC/MS

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1-Trichloroethane	0.0011	U	0.0011	0.00026	mg/Kg	☼	10/03/25 10:19	10/05/25 08:39	1
1,1,2,2-Tetrachloroethane	0.0011	U	0.0011	0.00059	mg/Kg	☼	10/03/25 10:19	10/05/25 08:39	1
1,1,2-Trichloro-1,2,2-trifluoroethane	0.0011	U	0.0011	0.00034	mg/Kg	☼	10/03/25 10:19	10/05/25 08:39	1
1,1,2-Trichloroethane	0.0011	U	0.0011	0.00068	mg/Kg	☼	10/03/25 10:19	10/05/25 08:39	1
1,1-Dichloroethane	0.0011	U	0.0011	0.00067	mg/Kg	☼	10/03/25 10:19	10/05/25 08:39	1
1,1-Dichloroethene	0.0011	U	0.0011	0.00025	mg/Kg	☼	10/03/25 10:19	10/05/25 08:39	1
1,2,3-Trichlorobenzene	0.0011	U	0.0011	0.00083	mg/Kg	☼	10/03/25 10:19	10/05/25 08:39	1
1,2,4-Trichlorobenzene	0.0011	U	0.0011	0.00040	mg/Kg	☼	10/03/25 10:19	10/05/25 08:39	1
1,2,4-Trimethylbenzene	0.0011	U	0.0011	0.00028	mg/Kg	☼	10/03/25 10:19	10/05/25 08:39	1
1,2-Dibromo-3-Chloropropane	0.0011	U	0.0011	0.00052	mg/Kg	☼	10/03/25 10:19	10/05/25 08:39	1
1,2-Dichlorobenzene	0.0011	U	0.0011	0.00041	mg/Kg	☼	10/03/25 10:19	10/05/25 08:39	1
1,2-Dichloroethane	0.0011	U	0.0011	0.00033	mg/Kg	☼	10/03/25 10:19	10/05/25 08:39	1
1,2-Dichloropropane	0.0011	U	0.0011	0.00048	mg/Kg	☼	10/03/25 10:19	10/05/25 08:39	1
1,3,5-Trimethylbenzene	0.0011	U	0.0011	0.00035	mg/Kg	☼	10/03/25 10:19	10/05/25 08:39	1
1,3-Dichlorobenzene	0.0011	U	0.0011	0.00041	mg/Kg	☼	10/03/25 10:19	10/05/25 08:39	1
1,4-Dichlorobenzene	0.0011	U	0.0011	0.00058	mg/Kg	☼	10/03/25 10:19	10/05/25 08:39	1
2-Butanone (MEK)	0.0056	U	0.0056	0.00041	mg/Kg	☼	10/03/25 10:19	10/05/25 08:39	1
2-Hexanone	0.0056	U	0.0056	0.0019	mg/Kg	☼	10/03/25 10:19	10/05/25 08:39	1
4-Methyl-2-pentanone (MIBK)	0.0056	U	0.0056	0.0018	mg/Kg	☼	10/03/25 10:19	10/05/25 08:39	1
Acetone	0.0068	U	0.0068	0.0064	mg/Kg	☼	10/03/25 10:19	10/05/25 08:39	1
Benzene	0.0011	U	0.0011	0.00064	mg/Kg	☼	10/03/25 10:19	10/05/25 08:39	1
Bromoform	0.0011	U	0.0011	0.00048	mg/Kg	☼	10/03/25 10:19	10/05/25 08:39	1
Bromomethane	0.0023	U	0.0023	0.0011	mg/Kg	☼	10/03/25 10:19	10/05/25 08:39	1
Carbon disulfide	0.0011	U	0.0011	0.00030	mg/Kg	☼	10/03/25 10:19	10/05/25 08:39	1
Carbon tetrachloride	0.0011	U	0.0011	0.00044	mg/Kg	☼	10/03/25 10:19	10/05/25 08:39	1
Chlorobenzene	0.0011	U	0.0011	0.00057	mg/Kg	☼	10/03/25 10:19	10/05/25 08:39	1
Chlorobromomethane	0.0011	U	0.0011	0.00067	mg/Kg	☼	10/03/25 10:19	10/05/25 08:39	1
Chlorodibromomethane	0.0011	U	0.0011	0.00061	mg/Kg	☼	10/03/25 10:19	10/05/25 08:39	1
Chloroethane	0.0011	U	0.0011	0.00059	mg/Kg	☼	10/03/25 10:19	10/05/25 08:39	1
Chloroform	0.0011	U	0.0011	0.0011	mg/Kg	☼	10/03/25 10:19	10/05/25 08:39	1
Chloromethane	0.0011	U	0.0011	0.00049	mg/Kg	☼	10/03/25 10:19	10/05/25 08:39	1
cis-1,2-Dichloroethene	0.0011	U	0.0011	0.00040	mg/Kg	☼	10/03/25 10:19	10/05/25 08:39	1
cis-1,3-Dichloropropene	0.0011	U	0.0011	0.00031	mg/Kg	☼	10/03/25 10:19	10/05/25 08:39	1
Cyclohexane	0.0011	U	0.0011	0.00025	mg/Kg	☼	10/03/25 10:19	10/05/25 08:39	1
Dichlorobromomethane	0.0011	U	0.0011	0.00029	mg/Kg	☼	10/03/25 10:19	10/05/25 08:39	1
Dichlorodifluoromethane	0.0011	U	0.0011	0.00038	mg/Kg	☼	10/03/25 10:19	10/05/25 08:39	1
Ethylbenzene	0.0011	U	0.0011	0.00053	mg/Kg	☼	10/03/25 10:19	10/05/25 08:39	1
Ethylene Dibromide	0.0011	U	0.0011	0.00057	mg/Kg	☼	10/03/25 10:19	10/05/25 08:39	1
Isopropylbenzene	0.0011	U	0.0011	0.00032	mg/Kg	☼	10/03/25 10:19	10/05/25 08:39	1
Methyl acetate	0.0056	U	0.0056	0.0048	mg/Kg	☼	10/03/25 10:19	10/05/25 08:39	1
Methyl tert-butyl ether	0.0011	U	0.0011	0.00058	mg/Kg	☼	10/03/25 10:19	10/05/25 08:39	1
Methylcyclohexane	0.0011	U	0.0011	0.00056	mg/Kg	☼	10/03/25 10:19	10/05/25 08:39	1
Methylene Chloride	**0.0015**	**J**	0.0023	0.0013	mg/Kg	☼	10/03/25 10:19	10/05/25 08:39	1
m-Xylene & p-Xylene	0.0011	U	0.0011	0.00048	mg/Kg	☼	10/03/25 10:19	10/05/25 08:39	1
n-Butylbenzene	0.0011	U	0.0011	0.00033	mg/Kg	☼	10/03/25 10:19	10/05/25 08:39	1
N-Propylbenzene	0.0011	U	0.0011	0.00051	mg/Kg	☼	10/03/25 10:19	10/05/25 08:39	1
o-Xylene	0.0011	U	0.0011	0.00052	mg/Kg	☼	10/03/25 10:19	10/05/25 08:39	1
sec-Butylbenzene	0.0011	U	0.0011	0.00032	mg/Kg	☼	10/03/25 10:19	10/05/25 08:39	1
Styrene	0.0011	U	0.0011	0.00031	mg/Kg	☼	10/03/25 10:19	10/05/25 08:39	1

Client Sample ID: 56A2_2-3

Lab Sample ID: 460-336081-37

Date Collected: 09/30/25 10:20
Matrix: Solid
Date Received: 09/30/25 16:15
Percent Solids: 96.4

Method: SW846 8260D - Volatile Organic Compounds by GC/MS (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
tert-Butylbenzene	0.0011	U	0.0011	0.00031	mg/Kg	☼	10/03/25 10:19	10/05/25 08:39	1
Tetrachloroethene	0.0011	U	0.0011	0.00034	mg/Kg	☼	10/03/25 10:19	10/05/25 08:39	1
Toluene	0.0011	U	0.0011	0.00026	mg/Kg	☼	10/03/25 10:19	10/05/25 08:39	1
trans-1,2-Dichloroethene	0.0011	U	0.0011	0.00028	mg/Kg	☼	10/03/25 10:19	10/05/25 08:39	1
trans-1,3-Dichloropropene	0.0011	U	0.0011	0.00030	mg/Kg	☼	10/03/25 10:19	10/05/25 08:39	1
Trichloroethene	0.0011	U	0.0011	0.00036	mg/Kg	☼	10/03/25 10:19	10/05/25 08:39	1
Trichlorofluoromethane	0.0011	U	0.0011	0.00046	mg/Kg	☼	10/03/25 10:19	10/05/25 08:39	1
Vinyl chloride	0.0011	U	0.0011	0.00062	mg/Kg	☼	10/03/25 10:19	10/05/25 08:39	1
Xylenes, Total	0.0023	U	0.0023	0.00020	mg/Kg	☼	10/03/25 10:19	10/05/25 08:39	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,2-Dichloroethane-d4 (Surr)	*119*		*65 - 138*	*10/03/25 10:19*	*10/05/25 08:39*	*1*
4-Bromofluorobenzene	*88*		*71 - 128*	*10/03/25 10:19*	*10/05/25 08:39*	*1*
Dibromofluoromethane (Surr)	*106*		*50 - 150*	*10/03/25 10:19*	*10/05/25 08:39*	*1*
Toluene-d8 (Surr)	*99*		*71 - 126*	*10/03/25 10:19*	*10/05/25 08:39*	*1*

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Percent Moisture (EPA Moisture)	**3.6**		1.0	1.0	%			10/05/25 13:43	1
Percent Solids (EPA Moisture)	**96.4**		1.0	1.0	%			10/05/25 13:43	1

Client Sample ID: 56A3_2-3

Lab Sample ID: 460-336081-38

Date Collected: 09/30/25 10:25
Matrix: Solid
Date Received: 09/30/25 16:15
Percent Solids: 97.4

Method: SW846 8260D - Volatile Organic Compounds by GC/MS

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1-Trichloroethane	0.0012	U	0.0012	0.00028	mg/Kg	☼	10/03/25 10:19	10/05/25 09:02	1
1,1,2,2-Tetrachloroethane	0.0012	U	0.0012	0.00062	mg/Kg	☼	10/03/25 10:19	10/05/25 09:02	1
1,1,2-Trichloro-1,2,2-trifluoroethane	0.0012	U	0.0012	0.00036	mg/Kg	☼	10/03/25 10:19	10/05/25 09:02	1
1,1,2-Trichloroethane	0.0012	U	0.0012	0.00071	mg/Kg	☼	10/03/25 10:19	10/05/25 09:02	1
1,1-Dichloroethane	0.0012	U	0.0012	0.00071	mg/Kg	☼	10/03/25 10:19	10/05/25 09:02	1
1,1-Dichloroethene	0.0012	U	0.0012	0.00027	mg/Kg	☼	10/03/25 10:19	10/05/25 09:02	1
1,2,3-Trichlorobenzene	0.0012	U	0.0012	0.00087	mg/Kg	☼	10/03/25 10:19	10/05/25 09:02	1
1,2,4-Trichlorobenzene	0.0012	U	0.0012	0.00042	mg/Kg	☼	10/03/25 10:19	10/05/25 09:02	1
1,2,4-Trimethylbenzene	0.0012	U	0.0012	0.00029	mg/Kg	☼	10/03/25 10:19	10/05/25 09:02	1
1,2-Dibromo-3-Chloropropane	0.0012	U	0.0012	0.00054	mg/Kg	☼	10/03/25 10:19	10/05/25 09:02	1
1,2-Dichlorobenzene	0.0012	U	0.0012	0.00043	mg/Kg	☼	10/03/25 10:19	10/05/25 09:02	1
1,2-Dichloroethane	0.0012	U	0.0012	0.00035	mg/Kg	☼	10/03/25 10:19	10/05/25 09:02	1
1,2-Dichloropropane	0.0012	U	0.0012	0.00050	mg/Kg	☼	10/03/25 10:19	10/05/25 09:02	1
1,3,5-Trimethylbenzene	0.0012	U	0.0012	0.00037	mg/Kg	☼	10/03/25 10:19	10/05/25 09:02	1
1,3-Dichlorobenzene	0.0012	U	0.0012	0.00043	mg/Kg	☼	10/03/25 10:19	10/05/25 09:02	1
1,4-Dichlorobenzene	0.0012	U	0.0012	0.00061	mg/Kg	☼	10/03/25 10:19	10/05/25 09:02	1
2-Butanone (MEK)	0.0059	U	0.0059	0.00044	mg/Kg	☼	10/03/25 10:19	10/05/25 09:02	1
2-Hexanone	0.0059	U	0.0059	0.0020	mg/Kg	☼	10/03/25 10:19	10/05/25 09:02	1
4-Methyl-2-pentanone (MIBK)	0.0059	U	0.0059	0.0018	mg/Kg	☼	10/03/25 10:19	10/05/25 09:02	1
Acetone	0.0071	U	0.0071	0.0068	mg/Kg	☼	10/03/25 10:19	10/05/25 09:02	1
Benzene	0.0012	U	0.0012	0.00067	mg/Kg	☼	10/03/25 10:19	10/05/25 09:02	1
Bromoform	0.0012	U	0.0012	0.00050	mg/Kg	☼	10/03/25 10:19	10/05/25 09:02	1
Bromomethane	0.0024	U	0.0024	0.0012	mg/Kg	☼	10/03/25 10:19	10/05/25 09:02	1

Client: Haley & Aldrich, Inc.
Project/Site: Former Port Mobil

Job ID: 460-336081-1

Client Sample ID: 56A3_2-3
Date Collected: 09/30/25 10:25
Date Received: 09/30/25 16:15

Lab Sample ID: 460-336081-38
Matrix: Solid
Percent Solids: 97.4

Method: SW846 8260D - Volatile Organic Compounds by GC/MS (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Carbon disulfide	0.0012	U	0.0012	0.00031	mg/Kg	☼	10/03/25 10:19	10/05/25 09:02	1
Carbon tetrachloride	0.0012	U	0.0012	0.00046	mg/Kg	☼	10/03/25 10:19	10/05/25 09:02	1
Chlorobenzene	0.0012	U	0.0012	0.00060	mg/Kg	☼	10/03/25 10:19	10/05/25 09:02	1
Chlorobromomethane	0.0012	U	0.0012	0.00070	mg/Kg	☼	10/03/25 10:19	10/05/25 09:02	1
Chlorodibromomethane	0.0012	U	0.0012	0.00063	mg/Kg	☼	10/03/25 10:19	10/05/25 09:02	1
Chloroethane	0.0012	U	0.0012	0.00062	mg/Kg	☼	10/03/25 10:19	10/05/25 09:02	1
Chloroform	0.0012	U	0.0012	0.0011	mg/Kg	☼	10/03/25 10:19	10/05/25 09:02	1
Chloromethane	0.0012	U	0.0012	0.00051	mg/Kg	☼	10/03/25 10:19	10/05/25 09:02	1
cis-1,2-Dichloroethene	0.0012	U	0.0012	0.00042	mg/Kg	☼	10/03/25 10:19	10/05/25 09:02	1
cis-1,3-Dichloropropene	0.0012	U	0.0012	0.00032	mg/Kg	☼	10/03/25 10:19	10/05/25 09:02	1
Cyclohexane	0.0012	U	0.0012	0.00026	mg/Kg	☼	10/03/25 10:19	10/05/25 09:02	1
Dichlorobromomethane	0.0012	U	0.0012	0.00030	mg/Kg	☼	10/03/25 10:19	10/05/25 09:02	1
Dichlorodifluoromethane	0.0012	U	0.0012	0.00040	mg/Kg	☼	10/03/25 10:19	10/05/25 09:02	1
Ethylbenzene	0.0012	U	0.0012	0.00055	mg/Kg	☼	10/03/25 10:19	10/05/25 09:02	1
Ethylene Dibromide	0.0012	U	0.0012	0.00060	mg/Kg	☼	10/03/25 10:19	10/05/25 09:02	1
Isopropylbenzene	0.0012	U	0.0012	0.00034	mg/Kg	☼	10/03/25 10:19	10/05/25 09:02	1
Methyl acetate	0.0059	U	0.0059	0.0051	mg/Kg	☼	10/03/25 10:19	10/05/25 09:02	1
Methyl tert-butyl ether	0.0012	U	0.0012	0.00061	mg/Kg	☼	10/03/25 10:19	10/05/25 09:02	1
Methylcyclohexane	0.0012	U	0.0012	0.00059	mg/Kg	☼	10/03/25 10:19	10/05/25 09:02	1
Methylene Chloride	**0.0044**		0.0024	0.0014	mg/Kg	☼	10/03/25 10:19	10/05/25 09:02	1
m-Xylene & p-Xylene	0.0012	U	0.0012	0.00050	mg/Kg	☼	10/03/25 10:19	10/05/25 09:02	1
n-Butylbenzene	0.0012	U	0.0012	0.00035	mg/Kg	☼	10/03/25 10:19	10/05/25 09:02	1
N-Propylbenzene	0.0012	U	0.0012	0.00053	mg/Kg	☼	10/03/25 10:19	10/05/25 09:02	1
o-Xylene	0.0012	U	0.0012	0.00055	mg/Kg	☼	10/03/25 10:19	10/05/25 09:02	1
sec-Butylbenzene	0.0012	U	0.0012	0.00034	mg/Kg	☼	10/03/25 10:19	10/05/25 09:02	1
Styrene	0.0012	U	0.0012	0.00033	mg/Kg	☼	10/03/25 10:19	10/05/25 09:02	1
tert-Butylbenzene	0.0012	U	0.0012	0.00033	mg/Kg	☼	10/03/25 10:19	10/05/25 09:02	1
Tetrachloroethene	0.0012	U	0.0012	0.00036	mg/Kg	☼	10/03/25 10:19	10/05/25 09:02	1
Toluene	0.0012	U	0.0012	0.00028	mg/Kg	☼	10/03/25 10:19	10/05/25 09:02	1
trans-1,2-Dichloroethene	0.0012	U	0.0012	0.00029	mg/Kg	☼	10/03/25 10:19	10/05/25 09:02	1
trans-1,3-Dichloropropene	0.0012	U	0.0012	0.00031	mg/Kg	☼	10/03/25 10:19	10/05/25 09:02	1
Trichloroethene	0.0012	U	0.0012	0.00038	mg/Kg	☼	10/03/25 10:19	10/05/25 09:02	1
Trichlorofluoromethane	0.0012	U	0.0012	0.00048	mg/Kg	☼	10/03/25 10:19	10/05/25 09:02	1
Vinyl chloride	0.0012	U	0.0012	0.00065	mg/Kg	☼	10/03/25 10:19	10/05/25 09:02	1
Xylenes, Total	0.0024	U	0.0024	0.00021	mg/Kg	☼	10/03/25 10:19	10/05/25 09:02	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,2-Dichloroethane-d4 (Surr)	*117*		*65 - 138*	*10/03/25 10:19*	*10/05/25 09:02*	*1*
4-Bromofluorobenzene	*87*		*71 - 128*	*10/03/25 10:19*	*10/05/25 09:02*	*1*
Dibromofluoromethane (Surr)	*108*		*50 - 150*	*10/03/25 10:19*	*10/05/25 09:02*	*1*
Toluene-d8 (Surr)	*98*		*71 - 126*	*10/03/25 10:19*	*10/05/25 09:02*	*1*

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Percent Moisture (EPA Moisture)	**2.6**		1.0	1.0	%			10/05/25 13:43	1
Percent Solids (EPA Moisture)	**97.4**		1.0	1.0	%			10/05/25 13:43	1

Client: Haley & Aldrich, Inc.
Project/Site: Former Port Mobil

Job ID: 460-336081-1

Client Sample ID: 56A1_3-4
Date Collected: 09/30/25 10:30
Date Received: 09/30/25 16:15

Lab Sample ID: 460-336081-39
Matrix: Solid
Percent Solids: 94.4

Method: SW846 8260D - Volatile Organic Compounds by GC/MS

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1-Trichloroethane	0.00093	U	0.00093	0.00022	mg/Kg	☼	10/03/25 10:29	10/05/25 09:26	1
1,1,2,2-Tetrachloroethane	0.00093	U	0.00093	0.00049	mg/Kg	☼	10/03/25 10:29	10/05/25 09:26	1
1,1,2-Trichloro-1,2,2-trifluoroethane	0.00093	U	0.00093	0.00028	mg/Kg	☼	10/03/25 10:29	10/05/25 09:26	1
1,1,2-Trichloroethane	0.00093	U	0.00093	0.00056	mg/Kg	☼	10/03/25 10:29	10/05/25 09:26	1
1,1-Dichloroethane	0.00093	U	0.00093	0.00056	mg/Kg	☼	10/03/25 10:29	10/05/25 09:26	1
1,1-Dichloroethene	0.00093	U	0.00093	0.00021	mg/Kg	☼	10/03/25 10:29	10/05/25 09:26	1
1,2,3-Trichlorobenzene	0.00093	U	0.00093	0.00069	mg/Kg	☼	10/03/25 10:29	10/05/25 09:26	1
1,2,4-Trichlorobenzene	0.00093	U	0.00093	0.00033	mg/Kg	☼	10/03/25 10:29	10/05/25 09:26	1
1,2,4-Trimethylbenzene	0.00093	U	0.00093	0.00023	mg/Kg	☼	10/03/25 10:29	10/05/25 09:26	1
1,2-Dibromo-3-Chloropropane	0.00093	U	0.00093	0.00043	mg/Kg	☼	10/03/25 10:29	10/05/25 09:26	1
1,2-Dichlorobenzene	0.00093	U	0.00093	0.00034	mg/Kg	☼	10/03/25 10:29	10/05/25 09:26	1
1,2-Dichloroethane	0.00093	U	0.00093	0.00028	mg/Kg	☼	10/03/25 10:29	10/05/25 09:26	1
1,2-Dichloropropane	0.00093	U	0.00093	0.00039	mg/Kg	☼	10/03/25 10:29	10/05/25 09:26	1
1,3,5-Trimethylbenzene	0.00093	U	0.00093	0.00029	mg/Kg	☼	10/03/25 10:29	10/05/25 09:26	1
1,3-Dichlorobenzene	0.00093	U	0.00093	0.00034	mg/Kg	☼	10/03/25 10:29	10/05/25 09:26	1
1,4-Dichlorobenzene	0.00093	U	0.00093	0.00048	mg/Kg	☼	10/03/25 10:29	10/05/25 09:26	1
2-Butanone (MEK)	0.0047	U	0.0047	0.00034	mg/Kg	☼	10/03/25 10:29	10/05/25 09:26	1
2-Hexanone	0.0047	U	0.0047	0.0016	mg/Kg	☼	10/03/25 10:29	10/05/25 09:26	1
4-Methyl-2-pentanone (MIBK)	0.0047	U	0.0047	0.0014	mg/Kg	☼	10/03/25 10:29	10/05/25 09:26	1
Acetone	0.0056	U	0.0056	0.0053	mg/Kg	☼	10/03/25 10:29	10/05/25 09:26	1
Benzene	0.00093	U	0.00093	0.00053	mg/Kg	☼	10/03/25 10:29	10/05/25 09:26	1
Bromoform	0.00093	U	0.00093	0.00040	mg/Kg	☼	10/03/25 10:29	10/05/25 09:26	1
Bromomethane	0.0019	U	0.0019	0.00093	mg/Kg	☼	10/03/25 10:29	10/05/25 09:26	1
Carbon disulfide	0.00093	U	0.00093	0.00025	mg/Kg	☼	10/03/25 10:29	10/05/25 09:26	1
Carbon tetrachloride	0.00093	U	0.00093	0.00036	mg/Kg	☼	10/03/25 10:29	10/05/25 09:26	1
Chlorobenzene	0.00093	U	0.00093	0.00047	mg/Kg	☼	10/03/25 10:29	10/05/25 09:26	1
Chlorobromomethane	0.00093	U	0.00093	0.00055	mg/Kg	☼	10/03/25 10:29	10/05/25 09:26	1
Chlorodibromomethane	0.00093	U	0.00093	0.00050	mg/Kg	☼	10/03/25 10:29	10/05/25 09:26	1
Chloroethane	0.00093	U	0.00093	0.00049	mg/Kg	☼	10/03/25 10:29	10/05/25 09:26	1
Chloroform	0.00093	U	0.00093	0.00090	mg/Kg	☼	10/03/25 10:29	10/05/25 09:26	1
Chloromethane	0.00093	U	0.00093	0.00040	mg/Kg	☼	10/03/25 10:29	10/05/25 09:26	1
cis-1,2-Dichloroethene	0.00093	U	0.00093	0.00033	mg/Kg	☼	10/03/25 10:29	10/05/25 09:26	1
cis-1,3-Dichloropropene	0.00093	U	0.00093	0.00025	mg/Kg	☼	10/03/25 10:29	10/05/25 09:26	1
Cyclohexane	0.00093	U	0.00093	0.00021	mg/Kg	☼	10/03/25 10:29	10/05/25 09:26	1
Dichlorobromomethane	0.00093	U	0.00093	0.00024	mg/Kg	☼	10/03/25 10:29	10/05/25 09:26	1
Dichlorodifluoromethane	0.00093	U	0.00093	0.00031	mg/Kg	☼	10/03/25 10:29	10/05/25 09:26	1
Ethylbenzene	0.00093	U	0.00093	0.00044	mg/Kg	☼	10/03/25 10:29	10/05/25 09:26	1
Ethylene Dibromide	0.00093	U	0.00093	0.00047	mg/Kg	☼	10/03/25 10:29	10/05/25 09:26	1
Isopropylbenzene	0.00093	U	0.00093	0.00027	mg/Kg	☼	10/03/25 10:29	10/05/25 09:26	1
Methyl acetate	0.0047	U	0.0047	0.0040	mg/Kg	☼	10/03/25 10:29	10/05/25 09:26	1
Methyl tert-butyl ether	0.00093	U	0.00093	0.00048	mg/Kg	☼	10/03/25 10:29	10/05/25 09:26	1
Methylcyclohexane	0.00093	U	0.00093	0.00046	mg/Kg	☼	10/03/25 10:29	10/05/25 09:26	1
Methylene Chloride	**0.0042**		0.0019	0.0011	mg/Kg	☼	10/03/25 10:29	10/05/25 09:26	1
m-Xylene & p-Xylene	0.00093	U	0.00093	0.00039	mg/Kg	☼	10/03/25 10:29	10/05/25 09:26	1
n-Butylbenzene	0.00093	U	0.00093	0.00027	mg/Kg	☼	10/03/25 10:29	10/05/25 09:26	1
N-Propylbenzene	0.00093	U	0.00093	0.00042	mg/Kg	☼	10/03/25 10:29	10/05/25 09:26	1
o-Xylene	0.00093	U	0.00093	0.00043	mg/Kg	☼	10/03/25 10:29	10/05/25 09:26	1
sec-Butylbenzene	0.00093	U	0.00093	0.00027	mg/Kg	☼	10/03/25 10:29	10/05/25 09:26	1
Styrene	0.00093	U	0.00093	0.00026	mg/Kg	☼	10/03/25 10:29	10/05/25 09:26	1

Client Sample ID: 56A1_3-4

Date Collected: 09/30/25 10:30
Date Received: 09/30/25 16:15

Lab Sample ID: 460-336081-39

Matrix: Solid
Percent Solids: 94.4

Method: SW846 8260D - Volatile Organic Compounds by GC/MS (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
tert-Butylbenzene	0.00093	U	0.00093	0.00026	mg/Kg	☼	10/03/25 10:29	10/05/25 09:26	1
Tetrachloroethene	0.00093	U	0.00093	0.00028	mg/Kg	☼	10/03/25 10:29	10/05/25 09:26	1
Toluene	0.00093	U	0.00093	0.00022	mg/Kg	☼	10/03/25 10:29	10/05/25 09:26	1
trans-1,2-Dichloroethene	0.00093	U	0.00093	0.00023	mg/Kg	☼	10/03/25 10:29	10/05/25 09:26	1
trans-1,3-Dichloropropene	0.00093	U	0.00093	0.00025	mg/Kg	☼	10/03/25 10:29	10/05/25 09:26	1
Trichloroethene	0.00093	U	0.00093	0.00030	mg/Kg	☼	10/03/25 10:29	10/05/25 09:26	1
Trichlorofluoromethane	0.00093	U	0.00093	0.00038	mg/Kg	☼	10/03/25 10:29	10/05/25 09:26	1
Vinyl chloride	0.00093	U	0.00093	0.00051	mg/Kg	☼	10/03/25 10:29	10/05/25 09:26	1
Xylenes, Total	0.0019	U	0.0019	0.00016	mg/Kg	☼	10/03/25 10:29	10/05/25 09:26	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,2-Dichloroethane-d4 (Surr)	*118*		*65 - 138*	*10/03/25 10:29*	*10/05/25 09:26*	*1*
4-Bromofluorobenzene	*92*		*71 - 128*	*10/03/25 10:29*	*10/05/25 09:26*	*1*
Dibromofluoromethane (Surr)	*107*		*50 - 150*	*10/03/25 10:29*	*10/05/25 09:26*	*1*
Toluene-d8 (Surr)	*99*		*71 - 126*	*10/03/25 10:29*	*10/05/25 09:26*	*1*

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Percent Moisture (EPA Moisture)	**5.6**		1.0	1.0	%			10/05/25 13:43	1
Percent Solids (EPA Moisture)	**94.4**		1.0	1.0	%			10/05/25 13:43	1

Client Sample ID: 56A2_4-5

Date Collected: 09/30/25 10:35
Date Received: 09/30/25 16:15

Lab Sample ID: 460-336081-40

Matrix: Solid
Percent Solids: 94.0

Method: SW846 8260D - Volatile Organic Compounds by GC/MS

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1-Trichloroethane	0.0010	U	0.0010	0.00024	mg/Kg	☼	10/03/25 10:29	10/05/25 09:50	1
1,1,2,2-Tetrachloroethane	0.0010	U	0.0010	0.00053	mg/Kg	☼	10/03/25 10:29	10/05/25 09:50	1
1,1,2-Trichloro-1,2,2-trifluoroethane	0.0010	U	0.0010	0.00031	mg/Kg	☼	10/03/25 10:29	10/05/25 09:50	1
1,1,2-Trichloroethane	0.0010	U	0.0010	0.00061	mg/Kg	☼	10/03/25 10:29	10/05/25 09:50	1
1,1-Dichloroethane	0.0010	U	0.0010	0.00061	mg/Kg	☼	10/03/25 10:29	10/05/25 09:50	1
1,1-Dichloroethene	0.0010	U	0.0010	0.00023	mg/Kg	☼	10/03/25 10:29	10/05/25 09:50	1
1,2,3-Trichlorobenzene	0.0010	U	0.0010	0.00075	mg/Kg	☼	10/03/25 10:29	10/05/25 09:50	1
1,2,4-Trichlorobenzene	0.0010	U	0.0010	0.00036	mg/Kg	☼	10/03/25 10:29	10/05/25 09:50	1
1,2,4-Trimethylbenzene	0.0010	U	0.0010	0.00025	mg/Kg	☼	10/03/25 10:29	10/05/25 09:50	1
1,2-Dibromo-3-Chloropropane	0.0010	U	0.0010	0.00047	mg/Kg	☼	10/03/25 10:29	10/05/25 09:50	1
1,2-Dichlorobenzene	0.0010	U	0.0010	0.00037	mg/Kg	☼	10/03/25 10:29	10/05/25 09:50	1
1,2-Dichloroethane	0.0010	U	0.0010	0.00030	mg/Kg	☼	10/03/25 10:29	10/05/25 09:50	1
1,2-Dichloropropane	0.0010	U	0.0010	0.00043	mg/Kg	☼	10/03/25 10:29	10/05/25 09:50	1
1,3,5-Trimethylbenzene	0.0010	U	0.0010	0.00032	mg/Kg	☼	10/03/25 10:29	10/05/25 09:50	1
1,3-Dichlorobenzene	0.0010	U	0.0010	0.00037	mg/Kg	☼	10/03/25 10:29	10/05/25 09:50	1
1,4-Dichlorobenzene	0.0010	U	0.0010	0.00053	mg/Kg	☼	10/03/25 10:29	10/05/25 09:50	1
2-Butanone (MEK)	0.0051	U	0.0051	0.00037	mg/Kg	☼	10/03/25 10:29	10/05/25 09:50	1
2-Hexanone	0.0051	U	0.0051	0.0017	mg/Kg	☼	10/03/25 10:29	10/05/25 09:50	1
4-Methyl-2-pentanone (MIBK)	0.0051	U	0.0051	0.0016	mg/Kg	☼	10/03/25 10:29	10/05/25 09:50	1
Acetone	0.0061	U	0.0061	0.0058	mg/Kg	☼	10/03/25 10:29	10/05/25 09:50	1
Benzene	0.0010	U	0.0010	0.00058	mg/Kg	☼	10/03/25 10:29	10/05/25 09:50	1
Bromoform	0.0010	U	0.0010	0.00043	mg/Kg	☼	10/03/25 10:29	10/05/25 09:50	1
Bromomethane	0.0020	U	0.0020	0.0010	mg/Kg	☼	10/03/25 10:29	10/05/25 09:50	1

Client: Haley & Aldrich, Inc.
Project/Site: Former Port Mobil

Job ID: 460-336081-1

Client Sample ID: 56A2_4-5
Date Collected: 09/30/25 10:35
Date Received: 09/30/25 16:15

Lab Sample ID: 460-336081-40
Matrix: Solid
Percent Solids: 94.0

Method: SW846 8260D - Volatile Organic Compounds by GC/MS (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Carbon disulfide	0.0010	U	0.0010	0.00027	mg/Kg	☼	10/03/25 10:29	10/05/25 09:50	1
Carbon tetrachloride	0.0010	U	0.0010	0.00039	mg/Kg	☼	10/03/25 10:29	10/05/25 09:50	1
Chlorobenzene	0.0010	U	0.0010	0.00052	mg/Kg	☼	10/03/25 10:29	10/05/25 09:50	1
Chlorobromomethane	0.0010	U	0.0010	0.00061	mg/Kg	☼	10/03/25 10:29	10/05/25 09:50	1
Chlorodibromomethane	0.0010	U	0.0010	0.00055	mg/Kg	☼	10/03/25 10:29	10/05/25 09:50	1
Chloroethane	0.0010	U	0.0010	0.00053	mg/Kg	☼	10/03/25 10:29	10/05/25 09:50	1
Chloroform	0.0010	U	0.0010	0.00099	mg/Kg	☼	10/03/25 10:29	10/05/25 09:50	1
Chloromethane	0.0010	U	0.0010	0.00044	mg/Kg	☼	10/03/25 10:29	10/05/25 09:50	1
cis-1,2-Dichloroethene	0.0010	U	0.0010	0.00036	mg/Kg	☼	10/03/25 10:29	10/05/25 09:50	1
cis-1,3-Dichloropropene	0.0010	U	0.0010	0.00028	mg/Kg	☼	10/03/25 10:29	10/05/25 09:50	1
Cyclohexane	0.0010	U	0.0010	0.00022	mg/Kg	☼	10/03/25 10:29	10/05/25 09:50	1
Dichlorobromomethane	0.0010	U	0.0010	0.00026	mg/Kg	☼	10/03/25 10:29	10/05/25 09:50	1
Dichlorodifluoromethane	0.0010	U	0.0010	0.00034	mg/Kg	☼	10/03/25 10:29	10/05/25 09:50	1
Ethylbenzene	0.0010	U	0.0010	0.00048	mg/Kg	☼	10/03/25 10:29	10/05/25 09:50	1
Ethylene Dibromide	0.0010	U	0.0010	0.00051	mg/Kg	☼	10/03/25 10:29	10/05/25 09:50	1
Isopropylbenzene	0.0010	U	0.0010	0.00029	mg/Kg	☼	10/03/25 10:29	10/05/25 09:50	1
Methyl acetate	0.0051	U	0.0051	0.0044	mg/Kg	☼	10/03/25 10:29	10/05/25 09:50	1
Methyl tert-butyl ether	0.0010	U	0.0010	0.00052	mg/Kg	☼	10/03/25 10:29	10/05/25 09:50	1
Methylcyclohexane	0.0010	U	0.0010	0.00051	mg/Kg	☼	10/03/25 10:29	10/05/25 09:50	1
Methylene Chloride	**0.0016**	**J**	0.0020	0.0012	mg/Kg	☼	10/03/25 10:29	10/05/25 09:50	1
m-Xylene & p-Xylene	0.0010	U	0.0010	0.00043	mg/Kg	☼	10/03/25 10:29	10/05/25 09:50	1
n-Butylbenzene	0.0010	U	0.0010	0.00030	mg/Kg	☼	10/03/25 10:29	10/05/25 09:50	1
N-Propylbenzene	0.0010	U	0.0010	0.00046	mg/Kg	☼	10/03/25 10:29	10/05/25 09:50	1
o-Xylene	0.0010	U	0.0010	0.00047	mg/Kg	☼	10/03/25 10:29	10/05/25 09:50	1
sec-Butylbenzene	0.0010	U	0.0010	0.00029	mg/Kg	☼	10/03/25 10:29	10/05/25 09:50	1
Styrene	0.0010	U	0.0010	0.00028	mg/Kg	☼	10/03/25 10:29	10/05/25 09:50	1
tert-Butylbenzene	0.0010	U	0.0010	0.00028	mg/Kg	☼	10/03/25 10:29	10/05/25 09:50	1
Tetrachloroethene	0.0010	U	0.0010	0.00031	mg/Kg	☼	10/03/25 10:29	10/05/25 09:50	1
Toluene	0.0010	U	0.0010	0.00024	mg/Kg	☼	10/03/25 10:29	10/05/25 09:50	1
trans-1,2-Dichloroethene	0.0010	U	0.0010	0.00025	mg/Kg	☼	10/03/25 10:29	10/05/25 09:50	1
trans-1,3-Dichloropropene	0.0010	U	0.0010	0.00027	mg/Kg	☼	10/03/25 10:29	10/05/25 09:50	1
Trichloroethene	0.0010	U	0.0010	0.00033	mg/Kg	☼	10/03/25 10:29	10/05/25 09:50	1
Trichlorofluoromethane	0.0010	U	0.0010	0.00041	mg/Kg	☼	10/03/25 10:29	10/05/25 09:50	1
Vinyl chloride	0.0010	U	0.0010	0.00055	mg/Kg	☼	10/03/25 10:29	10/05/25 09:50	1
Xylenes, Total	0.0020	U	0.0020	0.00018	mg/Kg	☼	10/03/25 10:29	10/05/25 09:50	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,2-Dichloroethane-d4 (Surr)	*119*		*65 - 138*	*10/03/25 10:29*	*10/05/25 09:50*	*1*
4-Bromofluorobenzene	*88*		*71 - 128*	*10/03/25 10:29*	*10/05/25 09:50*	*1*
Dibromofluoromethane (Surr)	*107*		*50 - 150*	*10/03/25 10:29*	*10/05/25 09:50*	*1*
Toluene-d8 (Surr)	*98*		*71 - 126*	*10/03/25 10:29*	*10/05/25 09:50*	*1*

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Percent Moisture (EPA Moisture)	**6.0**		1.0	1.0	%			10/05/25 13:43	1
Percent Solids (EPA Moisture)	**94.0**		1.0	1.0	%			10/05/25 13:43	1

Client Sample ID: 56A3_4-5
Date Collected: 09/30/25 10:40
Date Received: 09/30/25 16:15

Lab Sample ID: 460-336081-41
Matrix: Solid
Percent Solids: 95.2

Method: SW846 8260D - Volatile Organic Compounds by GC/MS

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1-Trichloroethane	0.00080	U	0.00080	0.00019	mg/Kg	☼	10/03/25 10:29	10/06/25 13:19	1
1,1,2,2-Tetrachloroethane	0.00080	U	0.00080	0.00042	mg/Kg	☼	10/03/25 10:29	10/06/25 13:19	1
1,1,2-Trichloro-1,2,2-trifluoroethane	0.00080	U	0.00080	0.00024	mg/Kg	☼	10/03/25 10:29	10/06/25 13:19	1
1,1,2-Trichloroethane	0.00080	U	0.00080	0.00048	mg/Kg	☼	10/03/25 10:29	10/06/25 13:19	1
1,1-Dichloroethane	0.00080	U	0.00080	0.00048	mg/Kg	☼	10/03/25 10:29	10/06/25 13:19	1
1,1-Dichloroethene	0.00080	U	0.00080	0.00018	mg/Kg	☼	10/03/25 10:29	10/06/25 13:19	1
1,2,3-Trichlorobenzene	0.00080	U	0.00080	0.00059	mg/Kg	☼	10/03/25 10:29	10/06/25 13:19	1
1,2,4-Trichlorobenzene	0.00080	U	0.00080	0.00029	mg/Kg	☼	10/03/25 10:29	10/06/25 13:19	1
1,2,4-Trimethylbenzene	0.00080	U	0.00080	0.00020	mg/Kg	☼	10/03/25 10:29	10/06/25 13:19	1
1,2-Dibromo-3-Chloropropane	0.00080	U	0.00080	0.00037	mg/Kg	☼	10/03/25 10:29	10/06/25 13:19	1
1,2-Dichlorobenzene	0.00080	U	0.00080	0.00029	mg/Kg	☼	10/03/25 10:29	10/06/25 13:19	1
1,2-Dichloroethane	0.00080	U	0.00080	0.00024	mg/Kg	☼	10/03/25 10:29	10/06/25 13:19	1
1,2-Dichloropropane	0.00080	U	0.00080	0.00034	mg/Kg	☼	10/03/25 10:29	10/06/25 13:19	1
1,3,5-Trimethylbenzene	0.00080	U	0.00080	0.00025	mg/Kg	☼	10/03/25 10:29	10/06/25 13:19	1
1,3-Dichlorobenzene	0.00080	U	0.00080	0.00029	mg/Kg	☼	10/03/25 10:29	10/06/25 13:19	1
1,4-Dichlorobenzene	0.00080	U	0.00080	0.00042	mg/Kg	☼	10/03/25 10:29	10/06/25 13:19	1
2-Butanone (MEK)	0.0040	U	0.0040	0.00029	mg/Kg	☼	10/03/25 10:29	10/06/25 13:19	1
2-Hexanone	0.0040	U	0.0040	0.0014	mg/Kg	☼	10/03/25 10:29	10/06/25 13:19	1
4-Methyl-2-pentanone (MIBK)	0.0040	U	0.0040	0.0012	mg/Kg	☼	10/03/25 10:29	10/06/25 13:19	1
Acetone	0.0048	U	0.0048	0.0046	mg/Kg	☼	10/03/25 10:29	10/06/25 13:19	1
Benzene	0.00080	U	0.00080	0.00045	mg/Kg	☼	10/03/25 10:29	10/06/25 13:19	1
Bromoform	0.00080	U	0.00080	0.00034	mg/Kg	☼	10/03/25 10:29	10/06/25 13:19	1
Bromomethane	0.0016	U	0.0016	0.00080	mg/Kg	☼	10/03/25 10:29	10/06/25 13:19	1
Carbon disulfide	0.00080	U	0.00080	0.00021	mg/Kg	☼	10/03/25 10:29	10/06/25 13:19	1
Carbon tetrachloride	0.00080	U	0.00080	0.00031	mg/Kg	☼	10/03/25 10:29	10/06/25 13:19	1
Chlorobenzene	0.00080	U	0.00080	0.00041	mg/Kg	☼	10/03/25 10:29	10/06/25 13:19	1
Chlorobromomethane	0.00080	U	0.00080	0.00048	mg/Kg	☼	10/03/25 10:29	10/06/25 13:19	1
Chlorodibromomethane	0.00080	U	0.00080	0.00043	mg/Kg	☼	10/03/25 10:29	10/06/25 13:19	1
Chloroethane	0.00080	U	0.00080	0.00042	mg/Kg	☼	10/03/25 10:29	10/06/25 13:19	1
Chloroform	0.00080	U	0.00080	0.00078	mg/Kg	☼	10/03/25 10:29	10/06/25 13:19	1
Chloromethane	0.00080	U	0.00080	0.00035	mg/Kg	☼	10/03/25 10:29	10/06/25 13:19	1
cis-1,2-Dichloroethene	0.00080	U	0.00080	0.00029	mg/Kg	☼	10/03/25 10:29	10/06/25 13:19	1
cis-1,3-Dichloropropene	0.00080	U	0.00080	0.00022	mg/Kg	☼	10/03/25 10:29	10/06/25 13:19	1
Cyclohexane	0.00080	U	0.00080	0.00018	mg/Kg	☼	10/03/25 10:29	10/06/25 13:19	1
Dichlorobromomethane	0.00080	U	0.00080	0.00021	mg/Kg	☼	10/03/25 10:29	10/06/25 13:19	1
Dichlorodifluoromethane	0.00080	U	0.00080	0.00027	mg/Kg	☼	10/03/25 10:29	10/06/25 13:19	1
Ethylbenzene	0.00080	U	0.00080	0.00037	mg/Kg	☼	10/03/25 10:29	10/06/25 13:19	1
Ethylene Dibromide	0.00080	U	0.00080	0.00040	mg/Kg	☼	10/03/25 10:29	10/06/25 13:19	1
Isopropylbenzene	0.00080	U	0.00080	0.00023	mg/Kg	☼	10/03/25 10:29	10/06/25 13:19	1
Methyl acetate	0.0040	U	0.0040	0.0034	mg/Kg	☼	10/03/25 10:29	10/06/25 13:19	1
Methyl tert-butyl ether	0.00080	U	0.00080	0.00041	mg/Kg	☼	10/03/25 10:29	10/06/25 13:19	1
Methylcyclohexane	0.00080	U	0.00080	0.00040	mg/Kg	☼	10/03/25 10:29	10/06/25 13:19	1
Methylene Chloride	**0.0033**		0.0016	0.00092	mg/Kg	☼	10/03/25 10:29	10/06/25 13:19	1
m-Xylene & p-Xylene	0.00080	U	0.00080	0.00034	mg/Kg	☼	10/03/25 10:29	10/06/25 13:19	1
n-Butylbenzene	0.00080	U	0.00080	0.00024	mg/Kg	☼	10/03/25 10:29	10/06/25 13:19	1
N-Propylbenzene	0.00080	U	0.00080	0.00036	mg/Kg	☼	10/03/25 10:29	10/06/25 13:19	1
o-Xylene	0.00080	U	0.00080	0.00037	mg/Kg	☼	10/03/25 10:29	10/06/25 13:19	1
sec-Butylbenzene	0.00080	U	0.00080	0.00023	mg/Kg	☼	10/03/25 10:29	10/06/25 13:19	1
Styrene	0.00080	U	0.00080	0.00022	mg/Kg	☼	10/03/25 10:29	10/06/25 13:19	1

Client Sample ID: 56A3_4-5

Lab Sample ID: 460-336081-41

Date Collected: 09/30/25 10:40
Matrix: Solid
Date Received: 09/30/25 16:15
Percent Solids: 95.2

Method: SW846 8260D - Volatile Organic Compounds by GC/MS (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
tert-Butylbenzene	0.00080	U	0.00080	0.00022	mg/Kg	☼	10/03/25 10:29	10/06/25 13:19	1
Tetrachloroethene	0.00080	U	0.00080	0.00024	mg/Kg	☼	10/03/25 10:29	10/06/25 13:19	1
Toluene	0.00080	U	0.00080	0.00019	mg/Kg	☼	10/03/25 10:29	10/06/25 13:19	1
trans-1,2-Dichloroethene	0.00080	U	0.00080	0.00020	mg/Kg	☼	10/03/25 10:29	10/06/25 13:19	1
trans-1,3-Dichloropropene	0.00080	U	0.00080	0.00021	mg/Kg	☼	10/03/25 10:29	10/06/25 13:19	1
Trichloroethene	0.00080	U	0.00080	0.00026	mg/Kg	☼	10/03/25 10:29	10/06/25 13:19	1
Trichlorofluoromethane	0.00080	U	0.00080	0.00032	mg/Kg	☼	10/03/25 10:29	10/06/25 13:19	1
Vinyl chloride	0.00080	U	0.00080	0.00044	mg/Kg	☼	10/03/25 10:29	10/06/25 13:19	1
Xylenes, Total	0.0016	U	0.0016	0.00014	mg/Kg	☼	10/03/25 10:29	10/06/25 13:19	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,2-Dichloroethane-d4 (Surr)	*116*		*65 - 138*	*10/03/25 10:29*	*10/06/25 13:19*	*1*
4-Bromofluorobenzene	*87*		*71 - 128*	*10/03/25 10:29*	*10/06/25 13:19*	*1*
Dibromofluoromethane (Surr)	*108*		*50 - 150*	*10/03/25 10:29*	*10/06/25 13:19*	*1*
Toluene-d8 (Surr)	*100*		*71 - 126*	*10/03/25 10:29*	*10/06/25 13:19*	*1*

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Percent Moisture (EPA Moisture)	**4.8**		1.0	1.0	%			10/05/25 13:43	1
Percent Solids (EPA Moisture)	**95.2**		1.0	1.0	%			10/05/25 13:43	1

Client Sample ID: 56A1_5-6

Lab Sample ID: 460-336081-42

Date Collected: 09/30/25 10:45
Matrix: Solid
Date Received: 09/30/25 16:15
Percent Solids: 97.3

Method: SW846 8260D - Volatile Organic Compounds by GC/MS

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1-Trichloroethane	0.00099	U	0.00099	0.00023	mg/Kg	☼	10/03/25 10:29	10/05/25 10:37	1
1,1,2,2-Tetrachloroethane	0.00099	U	0.00099	0.00052	mg/Kg	☼	10/03/25 10:29	10/05/25 10:37	1
1,1,2-Trichloro-1,2,2-trifluoroethane	0.00099	U	0.00099	0.00030	mg/Kg	☼	10/03/25 10:29	10/05/25 10:37	1
1,1,2-Trichloroethane	0.00099	U	0.00099	0.00060	mg/Kg	☼	10/03/25 10:29	10/05/25 10:37	1
1,1-Dichloroethane	0.00099	U	0.00099	0.00059	mg/Kg	☼	10/03/25 10:29	10/05/25 10:37	1
1,1-Dichloroethene	0.00099	U	0.00099	0.00022	mg/Kg	☼	10/03/25 10:29	10/05/25 10:37	1
1,2,3-Trichlorobenzene	0.00099	U	0.00099	0.00073	mg/Kg	☼	10/03/25 10:29	10/05/25 10:37	1
1,2,4-Trichlorobenzene	0.00099	U	0.00099	0.00036	mg/Kg	☼	10/03/25 10:29	10/05/25 10:37	1
1,2,4-Trimethylbenzene	0.00099	U	0.00099	0.00024	mg/Kg	☼	10/03/25 10:29	10/05/25 10:37	1
1,2-Dibromo-3-Chloropropane	0.00099	U	0.00099	0.00046	mg/Kg	☼	10/03/25 10:29	10/05/25 10:37	1
1,2-Dichlorobenzene	0.00099	U	0.00099	0.00036	mg/Kg	☼	10/03/25 10:29	10/05/25 10:37	1
1,2-Dichloroethane	0.00099	U	0.00099	0.00029	mg/Kg	☼	10/03/25 10:29	10/05/25 10:37	1
1,2-Dichloropropane	0.00099	U	0.00099	0.00042	mg/Kg	☼	10/03/25 10:29	10/05/25 10:37	1
1,3,5-Trimethylbenzene	0.00099	U	0.00099	0.00031	mg/Kg	☼	10/03/25 10:29	10/05/25 10:37	1
1,3-Dichlorobenzene	0.00099	U	0.00099	0.00036	mg/Kg	☼	10/03/25 10:29	10/05/25 10:37	1
1,4-Dichlorobenzene	0.00099	U	0.00099	0.00052	mg/Kg	☼	10/03/25 10:29	10/05/25 10:37	1
2-Butanone (MEK)	0.0050	U	0.0050	0.00037	mg/Kg	☼	10/03/25 10:29	10/05/25 10:37	1
2-Hexanone	0.0050	U	0.0050	0.0017	mg/Kg	☼	10/03/25 10:29	10/05/25 10:37	1
4-Methyl-2-pentanone (MIBK)	0.0050	U	0.0050	0.0015	mg/Kg	☼	10/03/25 10:29	10/05/25 10:37	1
Acetone	**0.0081**		0.0060	0.0057	mg/Kg	☼	10/03/25 10:29	10/05/25 10:37	1
Benzene	0.00099	U	0.00099	0.00056	mg/Kg	☼	10/03/25 10:29	10/05/25 10:37	1
Bromoform	0.00099	U	0.00099	0.00042	mg/Kg	☼	10/03/25 10:29	10/05/25 10:37	1
Bromomethane	0.0020	U	0.0020	0.00099	mg/Kg	☼	10/03/25 10:29	10/05/25 10:37	1

Client: Haley & Aldrich, Inc.
Project/Site: Former Port Mobil

Job ID: 460-336081-1

Client Sample ID: 56A1_5-6
Date Collected: 09/30/25 10:45
Date Received: 09/30/25 16:15

Lab Sample ID: 460-336081-42
Matrix: Solid
Percent Solids: 97.3

Method: SW846 8260D - Volatile Organic Compounds by GC/MS (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Carbon disulfide	0.00099	U	0.00099	0.00026	mg/Kg	☼	10/03/25 10:29	10/05/25 10:37	1
Carbon tetrachloride	0.00099	U	0.00099	0.00038	mg/Kg	☼	10/03/25 10:29	10/05/25 10:37	1
Chlorobenzene	0.00099	U	0.00099	0.00050	mg/Kg	☼	10/03/25 10:29	10/05/25 10:37	1
Chlorobromomethane	0.00099	U	0.00099	0.00059	mg/Kg	☼	10/03/25 10:29	10/05/25 10:37	1
Chlorodibromomethane	0.00099	U	0.00099	0.00053	mg/Kg	☼	10/03/25 10:29	10/05/25 10:37	1
Chloroethane	0.00099	U	0.00099	0.00052	mg/Kg	☼	10/03/25 10:29	10/05/25 10:37	1
Chloroform	0.00099	U	0.00099	0.00096	mg/Kg	☼	10/03/25 10:29	10/05/25 10:37	1
Chloromethane	0.00099	U	0.00099	0.00043	mg/Kg	☼	10/03/25 10:29	10/05/25 10:37	1
cis-1,2-Dichloroethene	0.00099	U	0.00099	0.00036	mg/Kg	☼	10/03/25 10:29	10/05/25 10:37	1
cis-1,3-Dichloropropene	0.00099	U	0.00099	0.00027	mg/Kg	☼	10/03/25 10:29	10/05/25 10:37	1
Cyclohexane	0.00099	U	0.00099	0.00022	mg/Kg	☼	10/03/25 10:29	10/05/25 10:37	1
Dichlorobromomethane	0.00099	U	0.00099	0.00026	mg/Kg	☼	10/03/25 10:29	10/05/25 10:37	1
Dichlorodifluoromethane	0.00099	U	0.00099	0.00034	mg/Kg	☼	10/03/25 10:29	10/05/25 10:37	1
Ethylbenzene	0.00099	U	0.00099	0.00047	mg/Kg	☼	10/03/25 10:29	10/05/25 10:37	1
Ethylene Dibromide	0.00099	U	0.00099	0.00050	mg/Kg	☼	10/03/25 10:29	10/05/25 10:37	1
Isopropylbenzene	0.00099	U	0.00099	0.00028	mg/Kg	☼	10/03/25 10:29	10/05/25 10:37	1
Methyl acetate	0.0050	U	0.0050	0.0043	mg/Kg	☼	10/03/25 10:29	10/05/25 10:37	1
Methyl tert-butyl ether	0.00099	U	0.00099	0.00051	mg/Kg	☼	10/03/25 10:29	10/05/25 10:37	1
Methylcyclohexane	0.00099	U	0.00099	0.00050	mg/Kg	☼	10/03/25 10:29	10/05/25 10:37	1
Methylene Chloride	**0.0029**		0.0020	0.0011	mg/Kg	☼	10/03/25 10:29	10/05/25 10:37	1
m-Xylene & p-Xylene	0.00099	U	0.00099	0.00042	mg/Kg	☼	10/03/25 10:29	10/05/25 10:37	1
n-Butylbenzene	0.00099	U	0.00099	0.00029	mg/Kg	☼	10/03/25 10:29	10/05/25 10:37	1
N-Propylbenzene	0.00099	U	0.00099	0.00045	mg/Kg	☼	10/03/25 10:29	10/05/25 10:37	1
o-Xylene	0.00099	U	0.00099	0.00046	mg/Kg	☼	10/03/25 10:29	10/05/25 10:37	1
sec-Butylbenzene	0.00099	U	0.00099	0.00029	mg/Kg	☼	10/03/25 10:29	10/05/25 10:37	1
Styrene	0.00099	U	0.00099	0.00028	mg/Kg	☼	10/03/25 10:29	10/05/25 10:37	1
tert-Butylbenzene	0.00099	U	0.00099	0.00027	mg/Kg	☼	10/03/25 10:29	10/05/25 10:37	1
Tetrachloroethene	0.00099	U	0.00099	0.00030	mg/Kg	☼	10/03/25 10:29	10/05/25 10:37	1
Toluene	0.00099	U	0.00099	0.00023	mg/Kg	☼	10/03/25 10:29	10/05/25 10:37	1
trans-1,2-Dichloroethene	0.00099	U	0.00099	0.00024	mg/Kg	☼	10/03/25 10:29	10/05/25 10:37	1
trans-1,3-Dichloropropene	0.00099	U	0.00099	0.00026	mg/Kg	☼	10/03/25 10:29	10/05/25 10:37	1
Trichloroethene	0.00099	U	0.00099	0.00032	mg/Kg	☼	10/03/25 10:29	10/05/25 10:37	1
Trichlorofluoromethane	0.00099	U	0.00099	0.00040	mg/Kg	☼	10/03/25 10:29	10/05/25 10:37	1
Vinyl chloride	0.00099	U	0.00099	0.00054	mg/Kg	☼	10/03/25 10:29	10/05/25 10:37	1
Xylenes, Total	0.0020	U	0.0020	0.00017	mg/Kg	☼	10/03/25 10:29	10/05/25 10:37	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,2-Dichloroethane-d4 (Surr)	*118*		*65 - 138*	*10/03/25 10:29*	*10/05/25 10:37*	*1*
4-Bromofluorobenzene	*92*		*71 - 128*	*10/03/25 10:29*	*10/05/25 10:37*	*1*
Dibromofluoromethane (Surr)	*108*		*50 - 150*	*10/03/25 10:29*	*10/05/25 10:37*	*1*
Toluene-d8 (Surr)	*101*		*71 - 126*	*10/03/25 10:29*	*10/05/25 10:37*	*1*

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Percent Moisture (EPA Moisture)	**2.7**		1.0	1.0	%			10/05/25 13:43	1
Percent Solids (EPA Moisture)	**97.3**		1.0	1.0	%			10/05/25 13:43	1

Client: Haley & Aldrich, Inc.
Project/Site: Former Port Mobil

Job ID: 460-336081-1

Client Sample ID: 56B1_1-2
Date Collected: 09/30/25 10:50
Date Received: 09/30/25 16:15

Lab Sample ID: 460-336081-43
Matrix: Solid
Percent Solids: 95.8

Method: SW846 8260D - Volatile Organic Compounds by GC/MS

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1-Trichloroethane	0.00083	U	0.00083	0.00019	mg/Kg	☼	10/03/25 10:30	10/05/25 11:01	1
1,1,2,2-Tetrachloroethane	0.00083	U	0.00083	0.00043	mg/Kg	☼	10/03/25 10:30	10/05/25 11:01	1
1,1,2-Trichloro-1,2,2-trifluoroethane	0.00083	U	0.00083	0.00025	mg/Kg	☼	10/03/25 10:30	10/05/25 11:01	1
1,1,2-Trichloroethane	0.00083	U	0.00083	0.00050	mg/Kg	☼	10/03/25 10:30	10/05/25 11:01	1
1,1-Dichloroethane	0.00083	U	0.00083	0.00050	mg/Kg	☼	10/03/25 10:30	10/05/25 11:01	1
1,1-Dichloroethene	0.00083	U	0.00083	0.00019	mg/Kg	☼	10/03/25 10:30	10/05/25 11:01	1
1,2,3-Trichlorobenzene	0.00083	U	0.00083	0.00061	mg/Kg	☼	10/03/25 10:30	10/05/25 11:01	1
1,2,4-Trichlorobenzene	0.00083	U	0.00083	0.00030	mg/Kg	☼	10/03/25 10:30	10/05/25 11:01	1
1,2,4-Trimethylbenzene	0.00083	U	0.00083	0.00020	mg/Kg	☼	10/03/25 10:30	10/05/25 11:01	1
1,2-Dibromo-3-Chloropropane	0.00083	U	0.00083	0.00038	mg/Kg	☼	10/03/25 10:30	10/05/25 11:01	1
1,2-Dichlorobenzene	0.00083	U	0.00083	0.00030	mg/Kg	☼	10/03/25 10:30	10/05/25 11:01	1
1,2-Dichloroethane	0.00083	U	0.00083	0.00025	mg/Kg	☼	10/03/25 10:30	10/05/25 11:01	1
1,2-Dichloropropane	0.00083	U	0.00083	0.00035	mg/Kg	☼	10/03/25 10:30	10/05/25 11:01	1
1,3,5-Trimethylbenzene	0.00083	U	0.00083	0.00026	mg/Kg	☼	10/03/25 10:30	10/05/25 11:01	1
1,3-Dichlorobenzene	0.00083	U	0.00083	0.00030	mg/Kg	☼	10/03/25 10:30	10/05/25 11:01	1
1,4-Dichlorobenzene	0.00083	U	0.00083	0.00043	mg/Kg	☼	10/03/25 10:30	10/05/25 11:01	1
2-Butanone (MEK)	0.0042	U	0.0042	0.00031	mg/Kg	☼	10/03/25 10:30	10/05/25 11:01	1
2-Hexanone	0.0042	U	0.0042	0.0014	mg/Kg	☼	10/03/25 10:30	10/05/25 11:01	1
4-Methyl-2-pentanone (MIBK)	0.0042	U	0.0042	0.0013	mg/Kg	☼	10/03/25 10:30	10/05/25 11:01	1
Acetone	0.0050	U	0.0050	0.0048	mg/Kg	☼	10/03/25 10:30	10/05/25 11:01	1
Benzene	0.00083	U	0.00083	0.00047	mg/Kg	☼	10/03/25 10:30	10/05/25 11:01	1
Bromoform	0.00083	U	0.00083	0.00035	mg/Kg	☼	10/03/25 10:30	10/05/25 11:01	1
Bromomethane	0.0017	U	0.0017	0.00083	mg/Kg	☼	10/03/25 10:30	10/05/25 11:01	1
Carbon disulfide	0.00083	U	0.00083	0.00022	mg/Kg	☼	10/03/25 10:30	10/05/25 11:01	1
Carbon tetrachloride	0.00083	U	0.00083	0.00032	mg/Kg	☼	10/03/25 10:30	10/05/25 11:01	1
Chlorobenzene	0.00083	U	0.00083	0.00042	mg/Kg	☼	10/03/25 10:30	10/05/25 11:01	1
Chlorobromomethane	0.00083	U	0.00083	0.00050	mg/Kg	☼	10/03/25 10:30	10/05/25 11:01	1
Chlorodibromomethane	0.00083	U	0.00083	0.00045	mg/Kg	☼	10/03/25 10:30	10/05/25 11:01	1
Chloroethane	0.00083	U	0.00083	0.00043	mg/Kg	☼	10/03/25 10:30	10/05/25 11:01	1
Chloroform	0.00083	U	0.00083	0.00081	mg/Kg	☼	10/03/25 10:30	10/05/25 11:01	1
Chloromethane	0.00083	U	0.00083	0.00036	mg/Kg	☼	10/03/25 10:30	10/05/25 11:01	1
cis-1,2-Dichloroethene	0.00083	U	0.00083	0.00030	mg/Kg	☼	10/03/25 10:30	10/05/25 11:01	1
cis-1,3-Dichloropropene	0.00083	U	0.00083	0.00023	mg/Kg	☼	10/03/25 10:30	10/05/25 11:01	1
Cyclohexane	0.00083	U	0.00083	0.00018	mg/Kg	☼	10/03/25 10:30	10/05/25 11:01	1
Dichlorobromomethane	0.00083	U	0.00083	0.00021	mg/Kg	☼	10/03/25 10:30	10/05/25 11:01	1
Dichlorodifluoromethane	0.00083	U	0.00083	0.00028	mg/Kg	☼	10/03/25 10:30	10/05/25 11:01	1
Ethylbenzene	0.00083	U	0.00083	0.00039	mg/Kg	☼	10/03/25 10:30	10/05/25 11:01	1
Ethylene Dibromide	0.00083	U	0.00083	0.00042	mg/Kg	☼	10/03/25 10:30	10/05/25 11:01	1
Isopropylbenzene	0.00083	U	0.00083	0.00024	mg/Kg	☼	10/03/25 10:30	10/05/25 11:01	1
Methyl acetate	0.0042	U	0.0042	0.0036	mg/Kg	☼	10/03/25 10:30	10/05/25 11:01	1
Methyl tert-butyl ether	0.00083	U	0.00083	0.00043	mg/Kg	☼	10/03/25 10:30	10/05/25 11:01	1
Methylcyclohexane	0.00083	U	0.00083	0.00042	mg/Kg	☼	10/03/25 10:30	10/05/25 11:01	1
Methylene Chloride	**0.0036**		0.0017	0.00095	mg/Kg	☼	10/03/25 10:30	10/05/25 11:01	1
m-Xylene & p-Xylene	0.00083	U	0.00083	0.00035	mg/Kg	☼	10/03/25 10:30	10/05/25 11:01	1
n-Butylbenzene	0.00083	U	0.00083	0.00024	mg/Kg	☼	10/03/25 10:30	10/05/25 11:01	1
N-Propylbenzene	0.00083	U	0.00083	0.00037	mg/Kg	☼	10/03/25 10:30	10/05/25 11:01	1
o-Xylene	0.00083	U	0.00083	0.00038	mg/Kg	☼	10/03/25 10:30	10/05/25 11:01	1
sec-Butylbenzene	0.00083	U	0.00083	0.00024	mg/Kg	☼	10/03/25 10:30	10/05/25 11:01	1
Styrene	0.00083	U	0.00083	0.00023	mg/Kg	☼	10/03/25 10:30	10/05/25 11:01	1

Client Sample ID: 56B1_1-2

Lab Sample ID: 460-336081-43

Date Collected: 09/30/25 10:50
Matrix: Solid
Date Received: 09/30/25 16:15
Percent Solids: 95.8

Method: SW846 8260D - Volatile Organic Compounds by GC/MS (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
tert-Butylbenzene	0.00083	U	0.00083	0.00023	mg/Kg	☼	10/03/25 10:30	10/05/25 11:01	1
Tetrachloroethene	0.00083	U	0.00083	0.00025	mg/Kg	☼	10/03/25 10:30	10/05/25 11:01	1
Toluene	0.00083	U	0.00083	0.00019	mg/Kg	☼	10/03/25 10:30	10/05/25 11:01	1
trans-1,2-Dichloroethene	0.00083	U	0.00083	0.00020	mg/Kg	☼	10/03/25 10:30	10/05/25 11:01	1
trans-1,3-Dichloropropene	0.00083	U	0.00083	0.00022	mg/Kg	☼	10/03/25 10:30	10/05/25 11:01	1
Trichloroethene	0.00083	U	0.00083	0.00027	mg/Kg	☼	10/03/25 10:30	10/05/25 11:01	1
Trichlorofluoromethane	0.00083	U	0.00083	0.00034	mg/Kg	☼	10/03/25 10:30	10/05/25 11:01	1
Vinyl chloride	0.00083	U	0.00083	0.00045	mg/Kg	☼	10/03/25 10:30	10/05/25 11:01	1
Xylenes, Total	0.0017	U	0.0017	0.00014	mg/Kg	☼	10/03/25 10:30	10/05/25 11:01	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,2-Dichloroethane-d4 (Surr)	*120*		*65 - 138*	*10/03/25 10:30*	*10/05/25 11:01*	*1*
4-Bromofluorobenzene	*90*		*71 - 128*	*10/03/25 10:30*	*10/05/25 11:01*	*1*
Dibromofluoromethane (Surr)	*109*		*50 - 150*	*10/03/25 10:30*	*10/05/25 11:01*	*1*
Toluene-d8 (Surr)	*98*		*71 - 126*	*10/03/25 10:30*	*10/05/25 11:01*	*1*

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Percent Moisture (EPA Moisture)	**4.2**		1.0	1.0	%			10/05/25 13:43	1
Percent Solids (EPA Moisture)	**95.8**		1.0	1.0	%			10/05/25 13:43	1

Client Sample ID: 56B2_2-3

Lab Sample ID: 460-336081-44

Date Collected: 09/30/25 10:55
Matrix: Solid
Date Received: 09/30/25 16:15
Percent Solids: 88.9

Method: SW846 8260D - Volatile Organic Compounds by GC/MS

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1-Trichloroethane	0.00090	U	0.00090	0.00021	mg/Kg	☼	10/03/25 10:30	10/05/25 11:25	1
1,1,2,2-Tetrachloroethane	0.00090	U	0.00090	0.00047	mg/Kg	☼	10/03/25 10:30	10/05/25 11:25	1
1,1,2-Trichloro-1,2,2-trifluoroethane	0.00090	U	0.00090	0.00027	mg/Kg	☼	10/03/25 10:30	10/05/25 11:25	1
1,1,2-Trichloroethane	0.00090	U	0.00090	0.00054	mg/Kg	☼	10/03/25 10:30	10/05/25 11:25	1
1,1-Dichloroethane	0.00090	U	0.00090	0.00054	mg/Kg	☼	10/03/25 10:30	10/05/25 11:25	1
1,1-Dichloroethene	0.00090	U	0.00090	0.00020	mg/Kg	☼	10/03/25 10:30	10/05/25 11:25	1
1,2,3-Trichlorobenzene	0.00090	U	0.00090	0.00066	mg/Kg	☼	10/03/25 10:30	10/05/25 11:25	1
1,2,4-Trichlorobenzene	0.00090	U	0.00090	0.00032	mg/Kg	☼	10/03/25 10:30	10/05/25 11:25	1
1,2,4-Trimethylbenzene	0.00090	U	0.00090	0.00022	mg/Kg	☼	10/03/25 10:30	10/05/25 11:25	1
1,2-Dibromo-3-Chloropropane	0.00090	U	0.00090	0.00041	mg/Kg	☼	10/03/25 10:30	10/05/25 11:25	1
1,2-Dichlorobenzene	0.00090	U	0.00090	0.00032	mg/Kg	☼	10/03/25 10:30	10/05/25 11:25	1
1,2-Dichloroethane	0.00090	U	0.00090	0.00027	mg/Kg	☼	10/03/25 10:30	10/05/25 11:25	1
1,2-Dichloropropane	0.00090	U	0.00090	0.00038	mg/Kg	☼	10/03/25 10:30	10/05/25 11:25	1
1,3,5-Trimethylbenzene	0.00090	U	0.00090	0.00028	mg/Kg	☼	10/03/25 10:30	10/05/25 11:25	1
1,3-Dichlorobenzene	0.00090	U	0.00090	0.00033	mg/Kg	☼	10/03/25 10:30	10/05/25 11:25	1
1,4-Dichlorobenzene	0.00090	U	0.00090	0.00047	mg/Kg	☼	10/03/25 10:30	10/05/25 11:25	1
2-Butanone (MEK)	0.0045	U	0.0045	0.00033	mg/Kg	☼	10/03/25 10:30	10/05/25 11:25	1
2-Hexanone	0.0045	U	0.0045	0.0015	mg/Kg	☼	10/03/25 10:30	10/05/25 11:25	1
4-Methyl-2-pentanone (MIBK)	0.0045	U	0.0045	0.0014	mg/Kg	☼	10/03/25 10:30	10/05/25 11:25	1
Acetone	0.0054	U	0.0054	0.0051	mg/Kg	☼	10/03/25 10:30	10/05/25 11:25	1
Benzene	0.00090	U	0.00090	0.00051	mg/Kg	☼	10/03/25 10:30	10/05/25 11:25	1
Bromoform	0.00090	U	0.00090	0.00038	mg/Kg	☼	10/03/25 10:30	10/05/25 11:25	1
Bromomethane	0.0018	U	0.0018	0.00090	mg/Kg	☼	10/03/25 10:30	10/05/25 11:25	1

Client Sample ID: 56B2_2-3
Date Collected: 09/30/25 10:55
Date Received: 09/30/25 16:15

Lab Sample ID: 460-336081-44
Matrix: Solid
Percent Solids: 88.9

Method: SW846 8260D - Volatile Organic Compounds by GC/MS (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Carbon disulfide	0.00090	U	0.00090	0.00024	mg/Kg	☼	10/03/25 10:30	10/05/25 11:25	1
Carbon tetrachloride	0.00090	U	0.00090	0.00035	mg/Kg	☼	10/03/25 10:30	10/05/25 11:25	1
Chlorobenzene	0.00090	U	0.00090	0.00046	mg/Kg	☼	10/03/25 10:30	10/05/25 11:25	1
Chlorobromomethane	0.00090	U	0.00090	0.00054	mg/Kg	☼	10/03/25 10:30	10/05/25 11:25	1
Chlorodibromomethane	0.00090	U	0.00090	0.00048	mg/Kg	☼	10/03/25 10:30	10/05/25 11:25	1
Chloroethane	0.00090	U	0.00090	0.00047	mg/Kg	☼	10/03/25 10:30	10/05/25 11:25	1
Chloroform	0.00090	U	0.00090	0.00087	mg/Kg	☼	10/03/25 10:30	10/05/25 11:25	1
Chloromethane	0.00090	U	0.00090	0.00039	mg/Kg	☼	10/03/25 10:30	10/05/25 11:25	1
cis-1,2-Dichloroethene	0.00090	U	0.00090	0.00032	mg/Kg	☼	10/03/25 10:30	10/05/25 11:25	1
cis-1,3-Dichloropropene	0.00090	U	0.00090	0.00025	mg/Kg	☼	10/03/25 10:30	10/05/25 11:25	1
Cyclohexane	0.00090	U	0.00090	0.00020	mg/Kg	☼	10/03/25 10:30	10/05/25 11:25	1
Dichlorobromomethane	0.00090	U	0.00090	0.00023	mg/Kg	☼	10/03/25 10:30	10/05/25 11:25	1
Dichlorodifluoromethane	0.00090	U	0.00090	0.00030	mg/Kg	☼	10/03/25 10:30	10/05/25 11:25	1
Ethylbenzene	0.00090	U	0.00090	0.00042	mg/Kg	☼	10/03/25 10:30	10/05/25 11:25	1
Ethylene Dibromide	0.00090	U	0.00090	0.00045	mg/Kg	☼	10/03/25 10:30	10/05/25 11:25	1
Isopropylbenzene	0.00090	U	0.00090	0.00026	mg/Kg	☼	10/03/25 10:30	10/05/25 11:25	1
Methyl acetate	0.0045	U	0.0045	0.0039	mg/Kg	☼	10/03/25 10:30	10/05/25 11:25	1
Methyl tert-butyl ether	0.00090	U	0.00090	0.00046	mg/Kg	☼	10/03/25 10:30	10/05/25 11:25	1
Methylcyclohexane	0.00090	U	0.00090	0.00045	mg/Kg	☼	10/03/25 10:30	10/05/25 11:25	1
Methylene Chloride	**0.0027**		0.0018	0.0010	mg/Kg	☼	10/03/25 10:30	10/05/25 11:25	1
m-Xylene & p-Xylene	0.00090	U	0.00090	0.00038	mg/Kg	☼	10/03/25 10:30	10/05/25 11:25	1
n-Butylbenzene	0.00090	U	0.00090	0.00026	mg/Kg	☼	10/03/25 10:30	10/05/25 11:25	1
N-Propylbenzene	0.00090	U	0.00090	0.00040	mg/Kg	☼	10/03/25 10:30	10/05/25 11:25	1
o-Xylene	0.00090	U	0.00090	0.00041	mg/Kg	☼	10/03/25 10:30	10/05/25 11:25	1
sec-Butylbenzene	0.00090	U	0.00090	0.00026	mg/Kg	☼	10/03/25 10:30	10/05/25 11:25	1
Styrene	0.00090	U	0.00090	0.00025	mg/Kg	☼	10/03/25 10:30	10/05/25 11:25	1
tert-Butylbenzene	0.00090	U	0.00090	0.00025	mg/Kg	☼	10/03/25 10:30	10/05/25 11:25	1
Tetrachloroethene	0.00090	U	0.00090	0.00027	mg/Kg	☼	10/03/25 10:30	10/05/25 11:25	1
Toluene	0.00090	U	0.00090	0.00021	mg/Kg	☼	10/03/25 10:30	10/05/25 11:25	1
trans-1,2-Dichloroethene	0.00090	U	0.00090	0.00022	mg/Kg	☼	10/03/25 10:30	10/05/25 11:25	1
trans-1,3-Dichloropropene	0.00090	U	0.00090	0.00024	mg/Kg	☼	10/03/25 10:30	10/05/25 11:25	1
Trichloroethene	0.00090	U	0.00090	0.00029	mg/Kg	☼	10/03/25 10:30	10/05/25 11:25	1
Trichlorofluoromethane	0.00090	U	0.00090	0.00036	mg/Kg	☼	10/03/25 10:30	10/05/25 11:25	1
Vinyl chloride	0.00090	U	0.00090	0.00049	mg/Kg	☼	10/03/25 10:30	10/05/25 11:25	1
Xylenes, Total	0.0018	U	0.0018	0.00016	mg/Kg	☼	10/03/25 10:30	10/05/25 11:25	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,2-Dichloroethane-d4 (Surr)	*117*		*65 - 138*	*10/03/25 10:30*	*10/05/25 11:25*	*1*
4-Bromofluorobenzene	*89*		*71 - 128*	*10/03/25 10:30*	*10/05/25 11:25*	*1*
Dibromofluoromethane (Surr)	*107*		*50 - 150*	*10/03/25 10:30*	*10/05/25 11:25*	*1*
Toluene-d8 (Surr)	*98*		*71 - 126*	*10/03/25 10:30*	*10/05/25 11:25*	*1*

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Percent Moisture (EPA Moisture)	**11.1**		1.0	1.0	%			10/05/25 13:43	1
Percent Solids (EPA Moisture)	**88.9**		1.0	1.0	%			10/05/25 13:43	1

Client: Haley & Aldrich, Inc.
Project/Site: Former Port Mobil

Job ID: 460-336081-1

Client Sample ID: 56B3_3-4
Date Collected: 09/30/25 11:00
Date Received: 09/30/25 16:15

Lab Sample ID: 460-336081-45
Matrix: Solid
Percent Solids: 99.3

Method: SW846 8260D - Volatile Organic Compounds by GC/MS

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1-Trichloroethane	0.0012	U	0.0012	0.00028	mg/Kg	☼	10/03/25 10:30	10/06/25 07:47	1
1,1,2,2-Tetrachloroethane	0.0012	U	0.0012	0.00063	mg/Kg	☼	10/03/25 10:30	10/06/25 07:47	1
1,1,2-Trichloro-1,2,2-trifluoroethane	0.0012	U	0.0012	0.00036	mg/Kg	☼	10/03/25 10:30	10/06/25 07:47	1
1,1,2-Trichloroethane	0.0012	U	0.0012	0.00073	mg/Kg	☼	10/03/25 10:30	10/06/25 07:47	1
1,1-Dichloroethane	0.0012	U	0.0012	0.00072	mg/Kg	☼	10/03/25 10:30	10/06/25 07:47	1
1,1-Dichloroethene	0.0012	U	0.0012	0.00027	mg/Kg	☼	10/03/25 10:30	10/06/25 07:47	1
1,2,3-Trichlorobenzene	0.0012	U	0.0012	0.00089	mg/Kg	☼	10/03/25 10:30	10/06/25 07:47	1
1,2,4-Trichlorobenzene	0.0012	U	0.0012	0.00043	mg/Kg	☼	10/03/25 10:30	10/06/25 07:47	1
1,2,4-Trimethylbenzene	0.0012	U	0.0012	0.00030	mg/Kg	☼	10/03/25 10:30	10/06/25 07:47	1
1,2-Dibromo-3-Chloropropane	0.0012	U	0.0012	0.00056	mg/Kg	☼	10/03/25 10:30	10/06/25 07:47	1
1,2-Dichlorobenzene	0.0012	U	0.0012	0.00044	mg/Kg	☼	10/03/25 10:30	10/06/25 07:47	1
1,2-Dichloroethane	0.0012	U	0.0012	0.00036	mg/Kg	☼	10/03/25 10:30	10/06/25 07:47	1
1,2-Dichloropropane	0.0012	U	0.0012	0.00051	mg/Kg	☼	10/03/25 10:30	10/06/25 07:47	1
1,3,5-Trimethylbenzene	0.0012	U	0.0012	0.00038	mg/Kg	☼	10/03/25 10:30	10/06/25 07:47	1
1,3-Dichlorobenzene	0.0012	U	0.0012	0.00044	mg/Kg	☼	10/03/25 10:30	10/06/25 07:47	1
1,4-Dichlorobenzene	0.0012	U	0.0012	0.00063	mg/Kg	☼	10/03/25 10:30	10/06/25 07:47	1
2-Butanone (MEK)	0.0061	U	0.0061	0.00045	mg/Kg	☼	10/03/25 10:30	10/06/25 07:47	1
2-Hexanone	0.0061	U	0.0061	0.0021	mg/Kg	☼	10/03/25 10:30	10/06/25 07:47	1
4-Methyl-2-pentanone (MIBK)	0.0061	U	0.0061	0.0019	mg/Kg	☼	10/03/25 10:30	10/06/25 07:47	1
Acetone	0.0073	U	0.0073	0.0069	mg/Kg	☼	10/03/25 10:30	10/06/25 07:47	1
Benzene	0.0012	U	0.0012	0.00069	mg/Kg	☼	10/03/25 10:30	10/06/25 07:47	1
Bromoform	0.0012	U	0.0012	0.00051	mg/Kg	☼	10/03/25 10:30	10/06/25 07:47	1
Bromomethane	0.0024	U	0.0024	0.0012	mg/Kg	☼	10/03/25 10:30	10/06/25 07:47	1
Carbon disulfide	0.0012	U	0.0012	0.00032	mg/Kg	☼	10/03/25 10:30	10/06/25 07:47	1
Carbon tetrachloride	0.0012	U	0.0012	0.00047	mg/Kg	☼	10/03/25 10:30	10/06/25 07:47	1
Chlorobenzene	0.0012	U	0.0012	0.00061	mg/Kg	☼	10/03/25 10:30	10/06/25 07:47	1
Chlorobromomethane	0.0012	U	0.0012	0.00072	mg/Kg	☼	10/03/25 10:30	10/06/25 07:47	1
Chlorodibromomethane	0.0012	U	0.0012	0.00065	mg/Kg	☼	10/03/25 10:30	10/06/25 07:47	1
Chloroethane	0.0012	U	0.0012	0.00063	mg/Kg	☼	10/03/25 10:30	10/06/25 07:47	1
Chloroform	0.0012	U	0.0012	0.0012	mg/Kg	☼	10/03/25 10:30	10/06/25 07:47	1
Chloromethane	0.0012	U	0.0012	0.00053	mg/Kg	☼	10/03/25 10:30	10/06/25 07:47	1
cis-1,2-Dichloroethene	0.0012	U	0.0012	0.00043	mg/Kg	☼	10/03/25 10:30	10/06/25 07:47	1
cis-1,3-Dichloropropene	0.0012	U	0.0012	0.00033	mg/Kg	☼	10/03/25 10:30	10/06/25 07:47	1
Cyclohexane	0.0012	U	0.0012	0.00027	mg/Kg	☼	10/03/25 10:30	10/06/25 07:47	1
Dichlorobromomethane	0.0012	U	0.0012	0.00031	mg/Kg	☼	10/03/25 10:30	10/06/25 07:47	1
Dichlorodifluoromethane	0.0012	U	0.0012	0.00041	mg/Kg	☼	10/03/25 10:30	10/06/25 07:47	1
Ethylbenzene	0.0012	U	0.0012	0.00057	mg/Kg	☼	10/03/25 10:30	10/06/25 07:47	1
Ethylene Dibromide	0.0012	U	0.0012	0.00061	mg/Kg	☼	10/03/25 10:30	10/06/25 07:47	1
Isopropylbenzene	0.0012	U	0.0012	0.00035	mg/Kg	☼	10/03/25 10:30	10/06/25 07:47	1
Methyl acetate	0.0061	U	0.0061	0.0052	mg/Kg	☼	10/03/25 10:30	10/06/25 07:47	1
Methyl tert-butyl ether	0.0012	U	0.0012	0.00062	mg/Kg	☼	10/03/25 10:30	10/06/25 07:47	1
Methylcyclohexane	0.0012	U	0.0012	0.00060	mg/Kg	☼	10/03/25 10:30	10/06/25 07:47	1
Methylene Chloride	**0.0037**		0.0024	0.0014	mg/Kg	☼	10/03/25 10:30	10/06/25 07:47	1
m-Xylene & p-Xylene	0.0012	U	0.0012	0.00051	mg/Kg	☼	10/03/25 10:30	10/06/25 07:47	1
n-Butylbenzene	0.0012	U	0.0012	0.00036	mg/Kg	☼	10/03/25 10:30	10/06/25 07:47	1
N-Propylbenzene	0.0012	U	0.0012	0.00054	mg/Kg	☼	10/03/25 10:30	10/06/25 07:47	1
o-Xylene	0.0012	U	0.0012	0.00056	mg/Kg	☼	10/03/25 10:30	10/06/25 07:47	1
sec-Butylbenzene	0.0012	U	0.0012	0.00035	mg/Kg	☼	10/03/25 10:30	10/06/25 07:47	1
Styrene	0.0012	U	0.0012	0.00034	mg/Kg	☼	10/03/25 10:30	10/06/25 07:47	1

Client Sample ID: 56B3_3-4

Lab Sample ID: 460-336081-45

Date Collected: 09/30/25 11:00
Matrix: Solid
Date Received: 09/30/25 16:15
Percent Solids: 99.3

Method: SW846 8260D - Volatile Organic Compounds by GC/MS (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
tert-Butylbenzene	0.0012	U	0.0012	0.00033	mg/Kg	☼	10/03/25 10:30	10/06/25 07:47	1
Tetrachloroethene	0.0012	U	0.0012	0.00037	mg/Kg	☼	10/03/25 10:30	10/06/25 07:47	1
Toluene	0.0012	U	0.0012	0.00028	mg/Kg	☼	10/03/25 10:30	10/06/25 07:47	1
trans-1,2-Dichloroethene	0.0012	U	0.0012	0.00030	mg/Kg	☼	10/03/25 10:30	10/06/25 07:47	1
trans-1,3-Dichloropropene	0.0012	U	0.0012	0.00032	mg/Kg	☼	10/03/25 10:30	10/06/25 07:47	1
Trichloroethene	0.0012	U	0.0012	0.00039	mg/Kg	☼	10/03/25 10:30	10/06/25 07:47	1
Trichlorofluoromethane	0.0012	U	0.0012	0.00049	mg/Kg	☼	10/03/25 10:30	10/06/25 07:47	1
Vinyl chloride	0.0012	U	0.0012	0.00066	mg/Kg	☼	10/03/25 10:30	10/06/25 07:47	1
Xylenes, Total	0.0024	U	0.0024	0.00021	mg/Kg	☼	10/03/25 10:30	10/06/25 07:47	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,2-Dichloroethane-d4 (Surr)	*118*		*65 - 138*	*10/03/25 10:30*	*10/06/25 07:47*	*1*
4-Bromofluorobenzene	*88*		*71 - 128*	*10/03/25 10:30*	*10/06/25 07:47*	*1*
Dibromofluoromethane (Surr)	*108*		*50 - 150*	*10/03/25 10:30*	*10/06/25 07:47*	*1*
Toluene-d8 (Surr)	*97*		*71 - 126*	*10/03/25 10:30*	*10/06/25 07:47*	*1*

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Percent Moisture (EPA Moisture)	1.0	U	1.0	1.0	%			10/05/25 13:43	1
Percent Solids (EPA Moisture)	**99.3**		1.0	1.0	%			10/05/25 13:43	1

Client Sample ID: 56B1_3-4

Lab Sample ID: 460-336081-46

Date Collected: 09/30/25 11:05
Matrix: Solid
Date Received: 09/30/25 16:15
Percent Solids: 95.8

Method: SW846 8260D - Volatile Organic Compounds by GC/MS

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1-Trichloroethane	0.00088	U	0.00088	0.00021	mg/Kg	☼	10/03/25 10:31	10/06/25 08:11	1
1,1,2,2-Tetrachloroethane	0.00088	U	0.00088	0.00046	mg/Kg	☼	10/03/25 10:31	10/06/25 08:11	1
1,1,2-Trichloro-1,2,2-trifluoroethane	0.00088	U	0.00088	0.00027	mg/Kg	☼	10/03/25 10:31	10/06/25 08:11	1
1,1,2-Trichloroethane	0.00088	U	0.00088	0.00053	mg/Kg	☼	10/03/25 10:31	10/06/25 08:11	1
1,1-Dichloroethane	0.00088	U	0.00088	0.00053	mg/Kg	☼	10/03/25 10:31	10/06/25 08:11	1
1,1-Dichloroethene	0.00088	U	0.00088	0.00020	mg/Kg	☼	10/03/25 10:31	10/06/25 08:11	1
1,2,3-Trichlorobenzene	0.00088	U	0.00088	0.00065	mg/Kg	☼	10/03/25 10:31	10/06/25 08:11	1
1,2,4-Trichlorobenzene	0.00088	U	0.00088	0.00032	mg/Kg	☼	10/03/25 10:31	10/06/25 08:11	1
1,2,4-Trimethylbenzene	0.00088	U	0.00088	0.00022	mg/Kg	☼	10/03/25 10:31	10/06/25 08:11	1
1,2-Dibromo-3-Chloropropane	0.00088	U	0.00088	0.00041	mg/Kg	☼	10/03/25 10:31	10/06/25 08:11	1
1,2-Dichlorobenzene	0.00088	U	0.00088	0.00032	mg/Kg	☼	10/03/25 10:31	10/06/25 08:11	1
1,2-Dichloroethane	0.00088	U	0.00088	0.00026	mg/Kg	☼	10/03/25 10:31	10/06/25 08:11	1
1,2-Dichloropropane	0.00088	U	0.00088	0.00037	mg/Kg	☼	10/03/25 10:31	10/06/25 08:11	1
1,3,5-Trimethylbenzene	0.00088	U	0.00088	0.00028	mg/Kg	☼	10/03/25 10:31	10/06/25 08:11	1
1,3-Dichlorobenzene	0.00088	U	0.00088	0.00032	mg/Kg	☼	10/03/25 10:31	10/06/25 08:11	1
1,4-Dichlorobenzene	0.00088	U	0.00088	0.00046	mg/Kg	☼	10/03/25 10:31	10/06/25 08:11	1
2-Butanone (MEK)	0.0044	U	0.0044	0.00032	mg/Kg	☼	10/03/25 10:31	10/06/25 08:11	1
2-Hexanone	0.0044	U	0.0044	0.0015	mg/Kg	☼	10/03/25 10:31	10/06/25 08:11	1
4-Methyl-2-pentanone (MIBK)	0.0044	U	0.0044	0.0014	mg/Kg	☼	10/03/25 10:31	10/06/25 08:11	1
Acetone	0.0053	U	0.0053	0.0050	mg/Kg	☼	10/03/25 10:31	10/06/25 08:11	1
Benzene	0.00088	U	0.00088	0.00050	mg/Kg	☼	10/03/25 10:31	10/06/25 08:11	1
Bromoform	0.00088	U	0.00088	0.00038	mg/Kg	☼	10/03/25 10:31	10/06/25 08:11	1
Bromomethane	0.0018	U	0.0018	0.00088	mg/Kg	☼	10/03/25 10:31	10/06/25 08:11	1

Client Sample ID: 56B1_3-4
Date Collected: 09/30/25 11:05
Date Received: 09/30/25 16:15

Lab Sample ID: 460-336081-46
Matrix: Solid
Percent Solids: 95.8

Method: SW846 8260D - Volatile Organic Compounds by GC/MS (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Carbon disulfide	0.00088	U	0.00088	0.00023	mg/Kg	☼	10/03/25 10:31	10/06/25 08:11	1
Carbon tetrachloride	0.00088	U	0.00088	0.00034	mg/Kg	☼	10/03/25 10:31	10/06/25 08:11	1
Chlorobenzene	0.00088	U	0.00088	0.00045	mg/Kg	☼	10/03/25 10:31	10/06/25 08:11	1
Chlorobromomethane	0.00088	U	0.00088	0.00053	mg/Kg	☼	10/03/25 10:31	10/06/25 08:11	1
Chlorodibromomethane	0.00088	U	0.00088	0.00047	mg/Kg	☼	10/03/25 10:31	10/06/25 08:11	1
Chloroethane	0.00088	U	0.00088	0.00046	mg/Kg	☼	10/03/25 10:31	10/06/25 08:11	1
Chloroform	0.00088	U	0.00088	0.00086	mg/Kg	☼	10/03/25 10:31	10/06/25 08:11	1
Chloromethane	0.00088	U	0.00088	0.00038	mg/Kg	☼	10/03/25 10:31	10/06/25 08:11	1
cis-1,2-Dichloroethene	0.00088	U	0.00088	0.00032	mg/Kg	☼	10/03/25 10:31	10/06/25 08:11	1
cis-1,3-Dichloropropene	0.00088	U	0.00088	0.00024	mg/Kg	☼	10/03/25 10:31	10/06/25 08:11	1
Cyclohexane	0.00088	U	0.00088	0.00020	mg/Kg	☼	10/03/25 10:31	10/06/25 08:11	1
Dichlorobromomethane	0.00088	U	0.00088	0.00023	mg/Kg	☼	10/03/25 10:31	10/06/25 08:11	1
Dichlorodifluoromethane	0.00088	U	0.00088	0.00030	mg/Kg	☼	10/03/25 10:31	10/06/25 08:11	1
Ethylbenzene	0.00088	U	0.00088	0.00041	mg/Kg	☼	10/03/25 10:31	10/06/25 08:11	1
Ethylene Dibromide	0.00088	U	0.00088	0.00044	mg/Kg	☼	10/03/25 10:31	10/06/25 08:11	1
Isopropylbenzene	0.00088	U	0.00088	0.00025	mg/Kg	☼	10/03/25 10:31	10/06/25 08:11	1
Methyl acetate	0.0044	U	0.0044	0.0038	mg/Kg	☼	10/03/25 10:31	10/06/25 08:11	1
Methyl tert-butyl ether	0.00088	U	0.00088	0.00045	mg/Kg	☼	10/03/25 10:31	10/06/25 08:11	1
Methylcyclohexane	0.00088	U	0.00088	0.00044	mg/Kg	☼	10/03/25 10:31	10/06/25 08:11	1
Methylene Chloride	**0.0033**		0.0018	0.0010	mg/Kg	☼	10/03/25 10:31	10/06/25 08:11	1
m-Xylene & p-Xylene	0.00088	U	0.00088	0.00037	mg/Kg	☼	10/03/25 10:31	10/06/25 08:11	1
n-Butylbenzene	0.00088	U	0.00088	0.00026	mg/Kg	☼	10/03/25 10:31	10/06/25 08:11	1
N-Propylbenzene	0.00088	U	0.00088	0.00040	mg/Kg	☼	10/03/25 10:31	10/06/25 08:11	1
o-Xylene	0.00088	U	0.00088	0.00041	mg/Kg	☼	10/03/25 10:31	10/06/25 08:11	1
sec-Butylbenzene	0.00088	U	0.00088	0.00025	mg/Kg	☼	10/03/25 10:31	10/06/25 08:11	1
Styrene	0.00088	U	0.00088	0.00025	mg/Kg	☼	10/03/25 10:31	10/06/25 08:11	1
tert-Butylbenzene	0.00088	U	0.00088	0.00024	mg/Kg	☼	10/03/25 10:31	10/06/25 08:11	1
Tetrachloroethene	0.00088	U	0.00088	0.00027	mg/Kg	☼	10/03/25 10:31	10/06/25 08:11	1
Toluene	0.00088	U	0.00088	0.00021	mg/Kg	☼	10/03/25 10:31	10/06/25 08:11	1
trans-1,2-Dichloroethene	0.00088	U	0.00088	0.00022	mg/Kg	☼	10/03/25 10:31	10/06/25 08:11	1
trans-1,3-Dichloropropene	0.00088	U	0.00088	0.00023	mg/Kg	☼	10/03/25 10:31	10/06/25 08:11	1
Trichloroethene	0.00088	U	0.00088	0.00028	mg/Kg	☼	10/03/25 10:31	10/06/25 08:11	1
Trichlorofluoromethane	0.00088	U	0.00088	0.00036	mg/Kg	☼	10/03/25 10:31	10/06/25 08:11	1
Vinyl chloride	0.00088	U	0.00088	0.00048	mg/Kg	☼	10/03/25 10:31	10/06/25 08:11	1
Xylenes, Total	0.0018	U	0.0018	0.00015	mg/Kg	☼	10/03/25 10:31	10/06/25 08:11	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,2-Dichloroethane-d4 (Surr)	*117*		*65 - 138*	*10/03/25 10:31*	*10/06/25 08:11*	*1*
4-Bromofluorobenzene	*89*		*71 - 128*	*10/03/25 10:31*	*10/06/25 08:11*	*1*
Dibromofluoromethane (Surr)	*107*		*50 - 150*	*10/03/25 10:31*	*10/06/25 08:11*	*1*
Toluene-d8 (Surr)	*99*		*71 - 126*	*10/03/25 10:31*	*10/06/25 08:11*	*1*

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Percent Moisture (EPA Moisture)	**4.2**		1.0	1.0	%			10/05/25 13:43	1
Percent Solids (EPA Moisture)	**95.8**		1.0	1.0	%			10/05/25 13:43	1

Client: Haley & Aldrich, Inc.
Project/Site: Former Port Mobil

Job ID: 460-336081-1

Client Sample ID: 56B2_4-5
Date Collected: 09/30/25 11:10
Date Received: 09/30/25 16:15

Lab Sample ID: 460-336081-47
Matrix: Solid
Percent Solids: 91.8

Method: SW846 8260D - Volatile Organic Compounds by GC/MS

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1-Trichloroethane	0.0012	U	0.0012	0.00027	mg/Kg	☼	10/03/25 10:31	10/06/25 08:34	1
1,1,2,2-Tetrachloroethane	0.0012	U	0.0012	0.00061	mg/Kg	☼	10/03/25 10:31	10/06/25 08:34	1
1,1,2-Trichloro-1,2,2-trifluoroethane	0.0012	U	0.0012	0.00035	mg/Kg	☼	10/03/25 10:31	10/06/25 08:34	1
1,1,2-Trichloroethane	0.0012	U	0.0012	0.00070	mg/Kg	☼	10/03/25 10:31	10/06/25 08:34	1
1,1-Dichloroethane	0.0012	U	0.0012	0.00069	mg/Kg	☼	10/03/25 10:31	10/06/25 08:34	1
1,1-Dichloroethene	0.0012	U	0.0012	0.00026	mg/Kg	☼	10/03/25 10:31	10/06/25 08:34	1
1,2,3-Trichlorobenzene	0.0012	U	0.0012	0.00086	mg/Kg	☼	10/03/25 10:31	10/06/25 08:34	1
1,2,4-Trichlorobenzene	0.0012	U	0.0012	0.00042	mg/Kg	☼	10/03/25 10:31	10/06/25 08:34	1
1,2,4-Trimethylbenzene	0.0012	U	0.0012	0.00029	mg/Kg	☼	10/03/25 10:31	10/06/25 08:34	1
1,2-Dibromo-3-Chloropropane	0.0012	U	0.0012	0.00053	mg/Kg	☼	10/03/25 10:31	10/06/25 08:34	1
1,2-Dichlorobenzene	0.0012	U	0.0012	0.00042	mg/Kg	☼	10/03/25 10:31	10/06/25 08:34	1
1,2-Dichloroethane	0.0012	U	0.0012	0.00034	mg/Kg	☼	10/03/25 10:31	10/06/25 08:34	1
1,2-Dichloropropane	0.0012	U	0.0012	0.00049	mg/Kg	☼	10/03/25 10:31	10/06/25 08:34	1
1,3,5-Trimethylbenzene	0.0012	U	0.0012	0.00036	mg/Kg	☼	10/03/25 10:31	10/06/25 08:34	1
1,3-Dichlorobenzene	0.0012	U	0.0012	0.00042	mg/Kg	☼	10/03/25 10:31	10/06/25 08:34	1
1,4-Dichlorobenzene	0.0012	U	0.0012	0.00060	mg/Kg	☼	10/03/25 10:31	10/06/25 08:34	1
2-Butanone (MEK)	0.0058	U	0.0058	0.00043	mg/Kg	☼	10/03/25 10:31	10/06/25 08:34	1
2-Hexanone	0.0058	U	0.0058	0.0020	mg/Kg	☼	10/03/25 10:31	10/06/25 08:34	1
4-Methyl-2-pentanone (MIBK)	0.0058	U	0.0058	0.0018	mg/Kg	☼	10/03/25 10:31	10/06/25 08:34	1
Acetone	0.0070	U	0.0070	0.0066	mg/Kg	☼	10/03/25 10:31	10/06/25 08:34	1
Benzene	0.0012	U	0.0012	0.00066	mg/Kg	☼	10/03/25 10:31	10/06/25 08:34	1
Bromoform	0.0012	U	0.0012	0.00049	mg/Kg	☼	10/03/25 10:31	10/06/25 08:34	1
Bromomethane	0.0023	U	0.0023	0.0012	mg/Kg	☼	10/03/25 10:31	10/06/25 08:34	1
Carbon disulfide	0.0012	U	0.0012	0.00031	mg/Kg	☼	10/03/25 10:31	10/06/25 08:34	1
Carbon tetrachloride	0.0012	U	0.0012	0.00045	mg/Kg	☼	10/03/25 10:31	10/06/25 08:34	1
Chlorobenzene	0.0012	U	0.0012	0.00059	mg/Kg	☼	10/03/25 10:31	10/06/25 08:34	1
Chlorobromomethane	0.0012	U	0.0012	0.00069	mg/Kg	☼	10/03/25 10:31	10/06/25 08:34	1
Chlorodibromomethane	0.0012	U	0.0012	0.00062	mg/Kg	☼	10/03/25 10:31	10/06/25 08:34	1
Chloroethane	0.0012	U	0.0012	0.00061	mg/Kg	☼	10/03/25 10:31	10/06/25 08:34	1
Chloroform	0.0012	U	0.0012	0.0011	mg/Kg	☼	10/03/25 10:31	10/06/25 08:34	1
Chloromethane	0.0012	U	0.0012	0.00050	mg/Kg	☼	10/03/25 10:31	10/06/25 08:34	1
cis-1,2-Dichloroethene	0.0012	U	0.0012	0.00042	mg/Kg	☼	10/03/25 10:31	10/06/25 08:34	1
cis-1,3-Dichloropropene	0.0012	U	0.0012	0.00032	mg/Kg	☼	10/03/25 10:31	10/06/25 08:34	1
Cyclohexane	0.0012	U	0.0012	0.00026	mg/Kg	☼	10/03/25 10:31	10/06/25 08:34	1
Dichlorobromomethane	0.0012	U	0.0012	0.00030	mg/Kg	☼	10/03/25 10:31	10/06/25 08:34	1
Dichlorodifluoromethane	0.0012	U	0.0012	0.00039	mg/Kg	☼	10/03/25 10:31	10/06/25 08:34	1
Ethylbenzene	0.0012	U	0.0012	0.00054	mg/Kg	☼	10/03/25 10:31	10/06/25 08:34	1
Ethylene Dibromide	0.0012	U	0.0012	0.00058	mg/Kg	☼	10/03/25 10:31	10/06/25 08:34	1
Isopropylbenzene	0.0012	U	0.0012	0.00033	mg/Kg	☼	10/03/25 10:31	10/06/25 08:34	1
Methyl acetate	0.0058	U	0.0058	0.0050	mg/Kg	☼	10/03/25 10:31	10/06/25 08:34	1
Methyl tert-butyl ether	0.0012	U	0.0012	0.00059	mg/Kg	☼	10/03/25 10:31	10/06/25 08:34	1
Methylcyclohexane	0.0012	U	0.0012	0.00058	mg/Kg	☼	10/03/25 10:31	10/06/25 08:34	1
Methylene Chloride	**0.0037**		0.0023	0.0013	mg/Kg	☼	10/03/25 10:31	10/06/25 08:34	1
m-Xylene & p-Xylene	0.0012	U	0.0012	0.00049	mg/Kg	☼	10/03/25 10:31	10/06/25 08:34	1
n-Butylbenzene	0.0012	U	0.0012	0.00034	mg/Kg	☼	10/03/25 10:31	10/06/25 08:34	1
N-Propylbenzene	0.0012	U	0.0012	0.00052	mg/Kg	☼	10/03/25 10:31	10/06/25 08:34	1
o-Xylene	0.0012	U	0.0012	0.00053	mg/Kg	☼	10/03/25 10:31	10/06/25 08:34	1
sec-Butylbenzene	0.0012	U	0.0012	0.00033	mg/Kg	☼	10/03/25 10:31	10/06/25 08:34	1
Styrene	0.0012	U	0.0012	0.00032	mg/Kg	☼	10/03/25 10:31	10/06/25 08:34	1

Client Sample ID: 56B2_4-5

Lab Sample ID: 460-336081-47

Date Collected: 09/30/25 11:10
Matrix: Solid
Date Received: 09/30/25 16:15
Percent Solids: 91.8

Method: SW846 8260D - Volatile Organic Compounds by GC/MS (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
tert-Butylbenzene	0.0012	U	0.0012	0.00032	mg/Kg	☼	10/03/25 10:31	10/06/25 08:34	1
Tetrachloroethene	0.0012	U	0.0012	0.00035	mg/Kg	☼	10/03/25 10:31	10/06/25 08:34	1
Toluene	0.0012	U	0.0012	0.00027	mg/Kg	☼	10/03/25 10:31	10/06/25 08:34	1
trans-1,2-Dichloroethene	0.0012	U	0.0012	0.00029	mg/Kg	☼	10/03/25 10:31	10/06/25 08:34	1
trans-1,3-Dichloropropene	0.0012	U	0.0012	0.00031	mg/Kg	☼	10/03/25 10:31	10/06/25 08:34	1
Trichloroethene	0.0012	U	0.0012	0.00037	mg/Kg	☼	10/03/25 10:31	10/06/25 08:34	1
Trichlorofluoromethane	0.0012	U	0.0012	0.00047	mg/Kg	☼	10/03/25 10:31	10/06/25 08:34	1
Vinyl chloride	0.0012	U	0.0012	0.00063	mg/Kg	☼	10/03/25 10:31	10/06/25 08:34	1
Xylenes, Total	0.0023	U	0.0023	0.00020	mg/Kg	☼	10/03/25 10:31	10/06/25 08:34	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,2-Dichloroethane-d4 (Surr)	*116*		*65 - 138*	*10/03/25 10:31*	*10/06/25 08:34*	*1*
4-Bromofluorobenzene	*91*		*71 - 128*	*10/03/25 10:31*	*10/06/25 08:34*	*1*
Dibromofluoromethane (Surr)	*107*		*50 - 150*	*10/03/25 10:31*	*10/06/25 08:34*	*1*
Toluene-d8 (Surr)	*100*		*71 - 126*	*10/03/25 10:31*	*10/06/25 08:34*	*1*

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Percent Moisture (EPA Moisture)	**8.2**		1.0	1.0	%			10/05/25 13:43	1
Percent Solids (EPA Moisture)	**91.8**		1.0	1.0	%			10/05/25 13:43	1

Client Sample ID: 56B3_5-6

Lab Sample ID: 460-336081-48

Date Collected: 09/30/25 11:15
Matrix: Solid
Date Received: 09/30/25 16:15
Percent Solids: 99.0

Method: SW846 8260D - Volatile Organic Compounds by GC/MS

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1-Trichloroethane	0.0011	U	0.0011	0.00026	mg/Kg	☼	10/03/25 10:31	10/06/25 08:58	1
1,1,2,2-Tetrachloroethane	0.0011	U	0.0011	0.00058	mg/Kg	☼	10/03/25 10:31	10/06/25 08:58	1
1,1,2-Trichloro-1,2,2-trifluoroethane	0.0011	U	0.0011	0.00033	mg/Kg	☼	10/03/25 10:31	10/06/25 08:58	1
1,1,2-Trichloroethane	0.0011	U	0.0011	0.00066	mg/Kg	☼	10/03/25 10:31	10/06/25 08:58	1
1,1-Dichloroethane	0.0011	U	0.0011	0.00066	mg/Kg	☼	10/03/25 10:31	10/06/25 08:58	1
1,1-Dichloroethene	0.0011	U	0.0011	0.00025	mg/Kg	☼	10/03/25 10:31	10/06/25 08:58	1
1,2,3-Trichlorobenzene	0.0011	U	0.0011	0.00082	mg/Kg	☼	10/03/25 10:31	10/06/25 08:58	1
1,2,4-Trichlorobenzene	0.0011	U	0.0011	0.00040	mg/Kg	☼	10/03/25 10:31	10/06/25 08:58	1
1,2,4-Trimethylbenzene	0.0011	U	0.0011	0.00027	mg/Kg	☼	10/03/25 10:31	10/06/25 08:58	1
1,2-Dibromo-3-Chloropropane	0.0011	U	0.0011	0.00051	mg/Kg	☼	10/03/25 10:31	10/06/25 08:58	1
1,2-Dichlorobenzene	0.0011	U	0.0011	0.00040	mg/Kg	☼	10/03/25 10:31	10/06/25 08:58	1
1,2-Dichloroethane	0.0011	U	0.0011	0.00033	mg/Kg	☼	10/03/25 10:31	10/06/25 08:58	1
1,2-Dichloropropane	0.0011	U	0.0011	0.00047	mg/Kg	☼	10/03/25 10:31	10/06/25 08:58	1
1,3,5-Trimethylbenzene	0.0011	U	0.0011	0.00035	mg/Kg	☼	10/03/25 10:31	10/06/25 08:58	1
1,3-Dichlorobenzene	0.0011	U	0.0011	0.00040	mg/Kg	☼	10/03/25 10:31	10/06/25 08:58	1
1,4-Dichlorobenzene	0.0011	U	0.0011	0.00057	mg/Kg	☼	10/03/25 10:31	10/06/25 08:58	1
2-Butanone (MEK)	0.0055	U	0.0055	0.00041	mg/Kg	☼	10/03/25 10:31	10/06/25 08:58	1
2-Hexanone	0.0055	U	0.0055	0.0019	mg/Kg	☼	10/03/25 10:31	10/06/25 08:58	1
4-Methyl-2-pentanone (MIBK)	0.0055	U	0.0055	0.0017	mg/Kg	☼	10/03/25 10:31	10/06/25 08:58	1
Acetone	0.0066	U	0.0066	0.0063	mg/Kg	☼	10/03/25 10:31	10/06/25 08:58	1
Benzene	0.0011	U	0.0011	0.00063	mg/Kg	☼	10/03/25 10:31	10/06/25 08:58	1
Bromoform	0.0011	U	0.0011	0.00047	mg/Kg	☼	10/03/25 10:31	10/06/25 08:58	1
Bromomethane	0.0022	U	0.0022	0.0011	mg/Kg	☼	10/03/25 10:31	10/06/25 08:58	1

Client: Haley & Aldrich, Inc.
Project/Site: Former Port Mobil

Job ID: 460-336081-1

Client Sample ID: 56B3_5-6
Date Collected: 09/30/25 11:15
Date Received: 09/30/25 16:15

Lab Sample ID: 460-336081-48
Matrix: Solid
Percent Solids: 99.0

Method: SW846 8260D - Volatile Organic Compounds by GC/MS (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Carbon disulfide	0.0011	U	0.0011	0.00029	mg/Kg	☼	10/03/25 10:31	10/06/25 08:58	1
Carbon tetrachloride	0.0011	U	0.0011	0.00043	mg/Kg	☼	10/03/25 10:31	10/06/25 08:58	1
Chlorobenzene	0.0011	U	0.0011	0.00056	mg/Kg	☼	10/03/25 10:31	10/06/25 08:58	1
Chlorobromomethane	0.0011	U	0.0011	0.00066	mg/Kg	☼	10/03/25 10:31	10/06/25 08:58	1
Chlorodibromomethane	0.0011	U	0.0011	0.00059	mg/Kg	☼	10/03/25 10:31	10/06/25 08:58	1
Chloroethane	0.0011	U	0.0011	0.00058	mg/Kg	☼	10/03/25 10:31	10/06/25 08:58	1
Chloroform	0.0011	U	0.0011	0.0011	mg/Kg	☼	10/03/25 10:31	10/06/25 08:58	1
Chloromethane	0.0011	U	0.0011	0.00048	mg/Kg	☼	10/03/25 10:31	10/06/25 08:58	1
cis-1,2-Dichloroethene	0.0011	U	0.0011	0.00040	mg/Kg	☼	10/03/25 10:31	10/06/25 08:58	1
cis-1,3-Dichloropropene	0.0011	U	0.0011	0.00030	mg/Kg	☼	10/03/25 10:31	10/06/25 08:58	1
Cyclohexane	0.0011	U	0.0011	0.00024	mg/Kg	☼	10/03/25 10:31	10/06/25 08:58	1
Dichlorobromomethane	0.0011	U	0.0011	0.00028	mg/Kg	☼	10/03/25 10:31	10/06/25 08:58	1
Dichlorodifluoromethane	0.0011	U	0.0011	0.00037	mg/Kg	☼	10/03/25 10:31	10/06/25 08:58	1
Ethylbenzene	0.0011	U	0.0011	0.00052	mg/Kg	☼	10/03/25 10:31	10/06/25 08:58	1
Ethylene Dibromide	0.0011	U	0.0011	0.00056	mg/Kg	☼	10/03/25 10:31	10/06/25 08:58	1
Isopropylbenzene	0.0011	U	0.0011	0.00032	mg/Kg	☼	10/03/25 10:31	10/06/25 08:58	1
Methyl acetate	0.0055	U	0.0055	0.0048	mg/Kg	☼	10/03/25 10:31	10/06/25 08:58	1
Methyl tert-butyl ether	0.0011	U	0.0011	0.00057	mg/Kg	☼	10/03/25 10:31	10/06/25 08:58	1
Methylcyclohexane	0.0011	U	0.0011	0.00055	mg/Kg	☼	10/03/25 10:31	10/06/25 08:58	1
Methylene Chloride	**0.0022**		0.0022	0.0013	mg/Kg	☼	10/03/25 10:31	10/06/25 08:58	1
m-Xylene & p-Xylene	0.0011	U	0.0011	0.00047	mg/Kg	☼	10/03/25 10:31	10/06/25 08:58	1
n-Butylbenzene	0.0011	U	0.0011	0.00032	mg/Kg	☼	10/03/25 10:31	10/06/25 08:58	1
N-Propylbenzene	0.0011	U	0.0011	0.00050	mg/Kg	☼	10/03/25 10:31	10/06/25 08:58	1
o-Xylene	0.0011	U	0.0011	0.00051	mg/Kg	☼	10/03/25 10:31	10/06/25 08:58	1
sec-Butylbenzene	0.0011	U	0.0011	0.00032	mg/Kg	☼	10/03/25 10:31	10/06/25 08:58	1
Styrene	0.0011	U	0.0011	0.00031	mg/Kg	☼	10/03/25 10:31	10/06/25 08:58	1
tert-Butylbenzene	0.0011	U	0.0011	0.00031	mg/Kg	☼	10/03/25 10:31	10/06/25 08:58	1
Tetrachloroethene	0.0011	U	0.0011	0.00034	mg/Kg	☼	10/03/25 10:31	10/06/25 08:58	1
Toluene	0.0011	U	0.0011	0.00026	mg/Kg	☼	10/03/25 10:31	10/06/25 08:58	1
trans-1,2-Dichloroethene	0.0011	U	0.0011	0.00027	mg/Kg	☼	10/03/25 10:31	10/06/25 08:58	1
trans-1,3-Dichloropropene	0.0011	U	0.0011	0.00029	mg/Kg	☼	10/03/25 10:31	10/06/25 08:58	1
Trichloroethene	0.0011	U	0.0011	0.00035	mg/Kg	☼	10/03/25 10:31	10/06/25 08:58	1
Trichlorofluoromethane	0.0011	U	0.0011	0.00045	mg/Kg	☼	10/03/25 10:31	10/06/25 08:58	1
Vinyl chloride	0.0011	U	0.0011	0.00060	mg/Kg	☼	10/03/25 10:31	10/06/25 08:58	1
Xylenes, Total	0.0022	U	0.0022	0.00019	mg/Kg	☼	10/03/25 10:31	10/06/25 08:58	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,2-Dichloroethane-d4 (Surr)	*117*		*65 - 138*	*10/03/25 10:31*	*10/06/25 08:58*	*1*
4-Bromofluorobenzene	*90*		*71 - 128*	*10/03/25 10:31*	*10/06/25 08:58*	*1*
Dibromofluoromethane (Surr)	*107*		*50 - 150*	*10/03/25 10:31*	*10/06/25 08:58*	*1*
Toluene-d8 (Surr)	*97*		*71 - 126*	*10/03/25 10:31*	*10/06/25 08:58*	*1*

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Percent Moisture (EPA Moisture)	**1.0**		1.0	1.0	%			10/05/25 13:43	1
Percent Solids (EPA Moisture)	**99.0**		1.0	1.0	%			10/05/25 13:43	1

Client: Haley & Aldrich, Inc.
Project/Site: Former Port Mobil

Job ID: 460-336081-1

Client Sample ID: 56B1_5-6
Date Collected: 09/30/25 11:20
Date Received: 09/30/25 16:15

Lab Sample ID: 460-336081-49
Matrix: Solid
Percent Solids: 93.9

Method: SW846 8260D - Volatile Organic Compounds by GC/MS

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1-Trichloroethane	0.0010	U	0.0010	0.00023	mg/Kg	☼	10/03/25 10:32	10/06/25 09:22	1
1,1,2,2-Tetrachloroethane	0.0010	U	0.0010	0.00052	mg/Kg	☼	10/03/25 10:32	10/06/25 09:22	1
1,1,2-Trichloro-1,2,2-trifluoroethane	0.0010	U	0.0010	0.00030	mg/Kg	☼	10/03/25 10:32	10/06/25 09:22	1
1,1,2-Trichloroethane	0.0010	U	0.0010	0.00060	mg/Kg	☼	10/03/25 10:32	10/06/25 09:22	1
1,1-Dichloroethane	0.0010	U	0.0010	0.00060	mg/Kg	☼	10/03/25 10:32	10/06/25 09:22	1
1,1-Dichloroethene	0.0010	U	0.0010	0.00023	mg/Kg	☼	10/03/25 10:32	10/06/25 09:22	1
1,2,3-Trichlorobenzene	0.0010	U	0.0010	0.00074	mg/Kg	☼	10/03/25 10:32	10/06/25 09:22	1
1,2,4-Trichlorobenzene	0.0010	U	0.0010	0.00036	mg/Kg	☼	10/03/25 10:32	10/06/25 09:22	1
1,2,4-Trimethylbenzene	0.0010	U	0.0010	0.00025	mg/Kg	☼	10/03/25 10:32	10/06/25 09:22	1
1,2-Dibromo-3-Chloropropane	0.0010	U	0.0010	0.00046	mg/Kg	☼	10/03/25 10:32	10/06/25 09:22	1
1,2-Dichlorobenzene	0.0010	U	0.0010	0.00036	mg/Kg	☼	10/03/25 10:32	10/06/25 09:22	1
1,2-Dichloroethane	0.0010	U	0.0010	0.00030	mg/Kg	☼	10/03/25 10:32	10/06/25 09:22	1
1,2-Dichloropropane	0.0010	U	0.0010	0.00043	mg/Kg	☼	10/03/25 10:32	10/06/25 09:22	1
1,3,5-Trimethylbenzene	0.0010	U	0.0010	0.00032	mg/Kg	☼	10/03/25 10:32	10/06/25 09:22	1
1,3-Dichlorobenzene	0.0010	U	0.0010	0.00037	mg/Kg	☼	10/03/25 10:32	10/06/25 09:22	1
1,4-Dichlorobenzene	0.0010	U	0.0010	0.00052	mg/Kg	☼	10/03/25 10:32	10/06/25 09:22	1
2-Butanone (MEK)	0.0050	U	0.0050	0.00037	mg/Kg	☼	10/03/25 10:32	10/06/25 09:22	1
2-Hexanone	0.0050	U	0.0050	0.0017	mg/Kg	☼	10/03/25 10:32	10/06/25 09:22	1
4-Methyl-2-pentanone (MIBK)	0.0050	U	0.0050	0.0016	mg/Kg	☼	10/03/25 10:32	10/06/25 09:22	1
Acetone	0.0060	U	0.0060	0.0057	mg/Kg	☼	10/03/25 10:32	10/06/25 09:22	1
Benzene	0.0010	U	0.0010	0.00057	mg/Kg	☼	10/03/25 10:32	10/06/25 09:22	1
Bromoform	0.0010	U	0.0010	0.00043	mg/Kg	☼	10/03/25 10:32	10/06/25 09:22	1
Bromomethane	0.0020	U	0.0020	0.0010	mg/Kg	☼	10/03/25 10:32	10/06/25 09:22	1
Carbon disulfide	0.0010	U	0.0010	0.00027	mg/Kg	☼	10/03/25 10:32	10/06/25 09:22	1
Carbon tetrachloride	0.0010	U	0.0010	0.00039	mg/Kg	☼	10/03/25 10:32	10/06/25 09:22	1
Chlorobenzene	0.0010	U	0.0010	0.00051	mg/Kg	☼	10/03/25 10:32	10/06/25 09:22	1
Chlorobromomethane	0.0010	U	0.0010	0.00060	mg/Kg	☼	10/03/25 10:32	10/06/25 09:22	1
Chlorodibromomethane	0.0010	U	0.0010	0.00054	mg/Kg	☼	10/03/25 10:32	10/06/25 09:22	1
Chloroethane	0.0010	U	0.0010	0.00052	mg/Kg	☼	10/03/25 10:32	10/06/25 09:22	1
Chloroform	0.0010	U	0.0010	0.00098	mg/Kg	☼	10/03/25 10:32	10/06/25 09:22	1
Chloromethane	0.0010	U	0.0010	0.00044	mg/Kg	☼	10/03/25 10:32	10/06/25 09:22	1
cis-1,2-Dichloroethene	0.0010	U	0.0010	0.00036	mg/Kg	☼	10/03/25 10:32	10/06/25 09:22	1
cis-1,3-Dichloropropene	0.0010	U	0.0010	0.00027	mg/Kg	☼	10/03/25 10:32	10/06/25 09:22	1
Cyclohexane	0.0010	U	0.0010	0.00022	mg/Kg	☼	10/03/25 10:32	10/06/25 09:22	1
Dichlorobromomethane	0.0010	U	0.0010	0.00026	mg/Kg	☼	10/03/25 10:32	10/06/25 09:22	1
Dichlorodifluoromethane	0.0010	U	0.0010	0.00034	mg/Kg	☼	10/03/25 10:32	10/06/25 09:22	1
Ethylbenzene	0.0010	U	0.0010	0.00047	mg/Kg	☼	10/03/25 10:32	10/06/25 09:22	1
Ethylene Dibromide	0.0010	U	0.0010	0.00051	mg/Kg	☼	10/03/25 10:32	10/06/25 09:22	1
Isopropylbenzene	0.0010	U	0.0010	0.00029	mg/Kg	☼	10/03/25 10:32	10/06/25 09:22	1
Methyl acetate	0.0050	U	0.0050	0.0043	mg/Kg	☼	10/03/25 10:32	10/06/25 09:22	1
Methyl tert-butyl ether	0.0010	U	0.0010	0.00051	mg/Kg	☼	10/03/25 10:32	10/06/25 09:22	1
Methylcyclohexane	0.0010	U	0.0010	0.00050	mg/Kg	☼	10/03/25 10:32	10/06/25 09:22	1
Methylene Chloride	**0.0051**		0.0020	0.0012	mg/Kg	☼	10/03/25 10:32	10/06/25 09:22	1
m-Xylene & p-Xylene	0.0010	U	0.0010	0.00043	mg/Kg	☼	10/03/25 10:32	10/06/25 09:22	1
n-Butylbenzene	0.0010	U	0.0010	0.00030	mg/Kg	☼	10/03/25 10:32	10/06/25 09:22	1
N-Propylbenzene	0.0010	U	0.0010	0.00045	mg/Kg	☼	10/03/25 10:32	10/06/25 09:22	1
o-Xylene	0.0010	U	0.0010	0.00046	mg/Kg	☼	10/03/25 10:32	10/06/25 09:22	1
sec-Butylbenzene	0.0010	U	0.0010	0.00029	mg/Kg	☼	10/03/25 10:32	10/06/25 09:22	1
Styrene	0.0010	U	0.0010	0.00028	mg/Kg	☼	10/03/25 10:32	10/06/25 09:22	1

Client Sample ID: 56B1_5-6

Lab Sample ID: 460-336081-49

Date Collected: 09/30/25 11:20
Matrix: Solid
Date Received: 09/30/25 16:15
Percent Solids: 93.9

Method: SW846 8260D - Volatile Organic Compounds by GC/MS (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
tert-Butylbenzene	0.0010	U	0.0010	0.00028	mg/Kg	☼	10/03/25 10:32	10/06/25 09:22	1
Tetrachloroethene	0.0010	U	0.0010	0.00031	mg/Kg	☼	10/03/25 10:32	10/06/25 09:22	1
Toluene	0.0010	U	0.0010	0.00024	mg/Kg	☼	10/03/25 10:32	10/06/25 09:22	1
trans-1,2-Dichloroethene	0.0010	U	0.0010	0.00025	mg/Kg	☼	10/03/25 10:32	10/06/25 09:22	1
trans-1,3-Dichloropropene	0.0010	U	0.0010	0.00027	mg/Kg	☼	10/03/25 10:32	10/06/25 09:22	1
Trichloroethene	0.0010	U	0.0010	0.00032	mg/Kg	☼	10/03/25 10:32	10/06/25 09:22	1
Trichlorofluoromethane	0.0010	U	0.0010	0.00041	mg/Kg	☼	10/03/25 10:32	10/06/25 09:22	1
Vinyl chloride	0.0010	U	0.0010	0.00055	mg/Kg	☼	10/03/25 10:32	10/06/25 09:22	1
Xylenes, Total	0.0020	U	0.0020	0.00017	mg/Kg	☼	10/03/25 10:32	10/06/25 09:22	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,2-Dichloroethane-d4 (Surr)	*120*		*65 - 138*	*10/03/25 10:32*	*10/06/25 09:22*	*1*
4-Bromofluorobenzene	*91*		*71 - 128*	*10/03/25 10:32*	*10/06/25 09:22*	*1*
Dibromofluoromethane (Surr)	*109*		*50 - 150*	*10/03/25 10:32*	*10/06/25 09:22*	*1*
Toluene-d8 (Surr)	*99*		*71 - 126*	*10/03/25 10:32*	*10/06/25 09:22*	*1*

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Percent Moisture (EPA Moisture)	**6.1**		1.0	1.0	%			10/05/25 13:43	1
Percent Solids (EPA Moisture)	**93.9**		1.0	1.0	%			10/05/25 13:43	1

Client Sample ID: 56C1_1-2

Lab Sample ID: 460-336081-50

Date Collected: 09/30/25 11:25
Matrix: Solid
Date Received: 09/30/25 16:15
Percent Solids: 96.9

Method: SW846 8260D - Volatile Organic Compounds by GC/MS

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1-Trichloroethane	0.0013	U	0.0013	0.00030	mg/Kg	☼	10/03/25 10:32	10/06/25 09:45	1
1,1,2,2-Tetrachloroethane	0.0013	U	0.0013	0.00068	mg/Kg	☼	10/03/25 10:32	10/06/25 09:45	1
1,1,2-Trichloro-1,2,2-trifluoroethane	0.0013	U	0.0013	0.00039	mg/Kg	☼	10/03/25 10:32	10/06/25 09:45	1
1,1,2-Trichloroethane	0.0013	U	0.0013	0.00078	mg/Kg	☼	10/03/25 10:32	10/06/25 09:45	1
1,1-Dichloroethane	0.0013	U	0.0013	0.00077	mg/Kg	☼	10/03/25 10:32	10/06/25 09:45	1
1,1-Dichloroethene	0.0013	U	0.0013	0.00029	mg/Kg	☼	10/03/25 10:32	10/06/25 09:45	1
1,2,3-Trichlorobenzene	0.0013	U	0.0013	0.00096	mg/Kg	☼	10/03/25 10:32	10/06/25 09:45	1
1,2,4-Trichlorobenzene	0.0013	U	0.0013	0.00046	mg/Kg	☼	10/03/25 10:32	10/06/25 09:45	1
1,2,4-Trimethylbenzene	0.0013	U	0.0013	0.00032	mg/Kg	☼	10/03/25 10:32	10/06/25 09:45	1
1,2-Dibromo-3-Chloropropane	0.0013	U	0.0013	0.00060	mg/Kg	☼	10/03/25 10:32	10/06/25 09:45	1
1,2-Dichlorobenzene	0.0013	U	0.0013	0.00047	mg/Kg	☼	10/03/25 10:32	10/06/25 09:45	1
1,2-Dichloroethane	0.0013	U	0.0013	0.00038	mg/Kg	☼	10/03/25 10:32	10/06/25 09:45	1
1,2-Dichloropropane	0.0013	U	0.0013	0.00055	mg/Kg	☼	10/03/25 10:32	10/06/25 09:45	1
1,3,5-Trimethylbenzene	0.0013	U	0.0013	0.00041	mg/Kg	☼	10/03/25 10:32	10/06/25 09:45	1
1,3-Dichlorobenzene	0.0013	U	0.0013	0.00047	mg/Kg	☼	10/03/25 10:32	10/06/25 09:45	1
1,4-Dichlorobenzene	0.0013	U	0.0013	0.00067	mg/Kg	☼	10/03/25 10:32	10/06/25 09:45	1
2-Butanone (MEK)	0.0065	U	0.0065	0.00048	mg/Kg	☼	10/03/25 10:32	10/06/25 09:45	1
2-Hexanone	0.0065	U	0.0065	0.0022	mg/Kg	☼	10/03/25 10:32	10/06/25 09:45	1
4-Methyl-2-pentanone (MIBK)	0.0065	U	0.0065	0.0020	mg/Kg	☼	10/03/25 10:32	10/06/25 09:45	1
Acetone	0.0078	U	0.0078	0.0074	mg/Kg	☼	10/03/25 10:32	10/06/25 09:45	1
Benzene	0.0013	U	0.0013	0.00074	mg/Kg	☼	10/03/25 10:32	10/06/25 09:45	1
Bromoform	0.0013	U	0.0013	0.00055	mg/Kg	☼	10/03/25 10:32	10/06/25 09:45	1
Bromomethane	0.0026	U	0.0026	0.0013	mg/Kg	☼	10/03/25 10:32	10/06/25 09:45	1

Client Sample ID: 56C1_1-2
Date Collected: 09/30/25 11:25
Date Received: 09/30/25 16:15

Lab Sample ID: 460-336081-50
Matrix: Solid
Percent Solids: 96.9

Method: SW846 8260D - Volatile Organic Compounds by GC/MS (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Carbon disulfide	0.0013	U	0.0013	0.00034	mg/Kg	☼	10/03/25 10:32	10/06/25 09:45	1
Carbon tetrachloride	0.0013	U	0.0013	0.00050	mg/Kg	☼	10/03/25 10:32	10/06/25 09:45	1
Chlorobenzene	0.0013	U	0.0013	0.00066	mg/Kg	☼	10/03/25 10:32	10/06/25 09:45	1
Chlorobromomethane	0.0013	U	0.0013	0.00077	mg/Kg	☼	10/03/25 10:32	10/06/25 09:45	1
Chlorodibromomethane	0.0013	U	0.0013	0.00070	mg/Kg	☼	10/03/25 10:32	10/06/25 09:45	1
Chloroethane	0.0013	U	0.0013	0.00068	mg/Kg	☼	10/03/25 10:32	10/06/25 09:45	1
Chloroform	0.0013	U	0.0013	0.0013	mg/Kg	☼	10/03/25 10:32	10/06/25 09:45	1
Chloromethane	0.0013	U	0.0013	0.00056	mg/Kg	☼	10/03/25 10:32	10/06/25 09:45	1
cis-1,2-Dichloroethene	0.0013	U	0.0013	0.00046	mg/Kg	☼	10/03/25 10:32	10/06/25 09:45	1
cis-1,3-Dichloropropene	0.0013	U	0.0013	0.00035	mg/Kg	☼	10/03/25 10:32	10/06/25 09:45	1
Cyclohexane	0.0013	U	0.0013	0.00029	mg/Kg	☼	10/03/25 10:32	10/06/25 09:45	1
Dichlorobromomethane	0.0013	U	0.0013	0.00033	mg/Kg	☼	10/03/25 10:32	10/06/25 09:45	1
Dichlorodifluoromethane	0.0013	U	0.0013	0.00044	mg/Kg	☼	10/03/25 10:32	10/06/25 09:45	1
Ethylbenzene	0.0013	U	0.0013	0.00061	mg/Kg	☼	10/03/25 10:32	10/06/25 09:45	1
Ethylene Dibromide	0.0013	U	0.0013	0.00065	mg/Kg	☼	10/03/25 10:32	10/06/25 09:45	1
Isopropylbenzene	0.0013	U	0.0013	0.00037	mg/Kg	☼	10/03/25 10:32	10/06/25 09:45	1
Methyl acetate	0.0065	U	0.0065	0.0056	mg/Kg	☼	10/03/25 10:32	10/06/25 09:45	1
Methyl tert-butyl ether	0.0013	U	0.0013	0.00066	mg/Kg	☼	10/03/25 10:32	10/06/25 09:45	1
Methylcyclohexane	0.0013	U	0.0013	0.00065	mg/Kg	☼	10/03/25 10:32	10/06/25 09:45	1
Methylene Chloride	**0.0055**		0.0026	0.0015	mg/Kg	☼	10/03/25 10:32	10/06/25 09:45	1
m-Xylene & p-Xylene	0.0013	U	0.0013	0.00055	mg/Kg	☼	10/03/25 10:32	10/06/25 09:45	1
n-Butylbenzene	0.0013	U	0.0013	0.00038	mg/Kg	☼	10/03/25 10:32	10/06/25 09:45	1
N-Propylbenzene	0.0013	U	0.0013	0.00058	mg/Kg	☼	10/03/25 10:32	10/06/25 09:45	1
o-Xylene	0.0013	U	0.0013	0.00060	mg/Kg	☼	10/03/25 10:32	10/06/25 09:45	1
sec-Butylbenzene	0.0013	U	0.0013	0.00037	mg/Kg	☼	10/03/25 10:32	10/06/25 09:45	1
Styrene	0.0013	U	0.0013	0.00036	mg/Kg	☼	10/03/25 10:32	10/06/25 09:45	1
tert-Butylbenzene	0.0013	U	0.0013	0.00036	mg/Kg	☼	10/03/25 10:32	10/06/25 09:45	1
Tetrachloroethene	0.0013	U	0.0013	0.00040	mg/Kg	☼	10/03/25 10:32	10/06/25 09:45	1
Toluene	0.0013	U	0.0013	0.00030	mg/Kg	☼	10/03/25 10:32	10/06/25 09:45	1
trans-1,2-Dichloroethene	0.0013	U	0.0013	0.00032	mg/Kg	☼	10/03/25 10:32	10/06/25 09:45	1
trans-1,3-Dichloropropene	0.0013	U	0.0013	0.00034	mg/Kg	☼	10/03/25 10:32	10/06/25 09:45	1
Trichloroethene	0.0013	U	0.0013	0.00042	mg/Kg	☼	10/03/25 10:32	10/06/25 09:45	1
Trichlorofluoromethane	0.0013	U	0.0013	0.00053	mg/Kg	☼	10/03/25 10:32	10/06/25 09:45	1
Vinyl chloride	0.0013	U	0.0013	0.00071	mg/Kg	☼	10/03/25 10:32	10/06/25 09:45	1
Xylenes, Total	0.0026	U	0.0026	0.00023	mg/Kg	☼	10/03/25 10:32	10/06/25 09:45	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,2-Dichloroethane-d4 (Surr)	*118*		*65 - 138*	*10/03/25 10:32*	*10/06/25 09:45*	*1*
4-Bromofluorobenzene	*87*		*71 - 128*	*10/03/25 10:32*	*10/06/25 09:45*	*1*
Dibromofluoromethane (Surr)	*106*		*50 - 150*	*10/03/25 10:32*	*10/06/25 09:45*	*1*
Toluene-d8 (Surr)	*96*		*71 - 126*	*10/03/25 10:32*	*10/06/25 09:45*	*1*

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Percent Moisture (EPA Moisture)	**3.1**		1.0	1.0	%			10/05/25 13:43	1
Percent Solids (EPA Moisture)	**96.9**		1.0	1.0	%			10/05/25 13:43	1

Client: Haley & Aldrich, Inc.
Project/Site: Former Port Mobil

Job ID: 460-336081-1

Client Sample ID: 56C2_2-3
Date Collected: 09/30/25 11:30
Date Received: 09/30/25 16:15

Lab Sample ID: 460-336081-51
Matrix: Solid
Percent Solids: 97.7

Method: SW846 8260D - Volatile Organic Compounds by GC/MS

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1-Trichloroethane	0.0012	U	0.0012	0.00027	mg/Kg	☼	10/03/25 10:32	10/06/25 10:09	1
1,1,2,2-Tetrachloroethane	0.0012	U	0.0012	0.00061	mg/Kg	☼	10/03/25 10:32	10/06/25 10:09	1
1,1,2-Trichloro-1,2,2-trifluoroethane	0.0012	U	0.0012	0.00035	mg/Kg	☼	10/03/25 10:32	10/06/25 10:09	1
1,1,2-Trichloroethane	0.0012	U	0.0012	0.00070	mg/Kg	☼	10/03/25 10:32	10/06/25 10:09	1
1,1-Dichloroethane	0.0012	U	0.0012	0.00070	mg/Kg	☼	10/03/25 10:32	10/06/25 10:09	1
1,1-Dichloroethene	0.0012	U	0.0012	0.00026	mg/Kg	☼	10/03/25 10:32	10/06/25 10:09	1
1,2,3-Trichlorobenzene	0.0012	U	0.0012	0.00086	mg/Kg	☼	10/03/25 10:32	10/06/25 10:09	1
1,2,4-Trichlorobenzene	0.0012	U	0.0012	0.00042	mg/Kg	☼	10/03/25 10:32	10/06/25 10:09	1
1,2,4-Trimethylbenzene	0.0012	U	0.0012	0.00029	mg/Kg	☼	10/03/25 10:32	10/06/25 10:09	1
1,2-Dibromo-3-Chloropropane	0.0012	U	0.0012	0.00054	mg/Kg	☼	10/03/25 10:32	10/06/25 10:09	1
1,2-Dichlorobenzene	0.0012	U	0.0012	0.00042	mg/Kg	☼	10/03/25 10:32	10/06/25 10:09	1
1,2-Dichloroethane	0.0012	U	0.0012	0.00035	mg/Kg	☼	10/03/25 10:32	10/06/25 10:09	1
1,2-Dichloropropane	0.0012	U	0.0012	0.00049	mg/Kg	☼	10/03/25 10:32	10/06/25 10:09	1
1,3,5-Trimethylbenzene	0.0012	U	0.0012	0.00037	mg/Kg	☼	10/03/25 10:32	10/06/25 10:09	1
1,3-Dichlorobenzene	0.0012	U	0.0012	0.00043	mg/Kg	☼	10/03/25 10:32	10/06/25 10:09	1
1,4-Dichlorobenzene	0.0012	U	0.0012	0.00061	mg/Kg	☼	10/03/25 10:32	10/06/25 10:09	1
2-Butanone (MEK)	0.0058	U	0.0058	0.00043	mg/Kg	☼	10/03/25 10:32	10/06/25 10:09	1
2-Hexanone	0.0058	U	0.0058	0.0020	mg/Kg	☼	10/03/25 10:32	10/06/25 10:09	1
4-Methyl-2-pentanone (MIBK)	0.0058	U	0.0058	0.0018	mg/Kg	☼	10/03/25 10:32	10/06/25 10:09	1
Acetone	0.0070	U	0.0070	0.0067	mg/Kg	☼	10/03/25 10:32	10/06/25 10:09	1
Benzene	0.0012	U	0.0012	0.00066	mg/Kg	☼	10/03/25 10:32	10/06/25 10:09	1
Bromoform	0.0012	U	0.0012	0.00050	mg/Kg	☼	10/03/25 10:32	10/06/25 10:09	1
Bromomethane	0.0023	U	0.0023	0.0012	mg/Kg	☼	10/03/25 10:32	10/06/25 10:09	1
Carbon disulfide	0.0012	U	0.0012	0.00031	mg/Kg	☼	10/03/25 10:32	10/06/25 10:09	1
Carbon tetrachloride	0.0012	U	0.0012	0.00045	mg/Kg	☼	10/03/25 10:32	10/06/25 10:09	1
Chlorobenzene	0.0012	U	0.0012	0.00059	mg/Kg	☼	10/03/25 10:32	10/06/25 10:09	1
Chlorobromomethane	0.0012	U	0.0012	0.00070	mg/Kg	☼	10/03/25 10:32	10/06/25 10:09	1
Chlorodibromomethane	0.0012	U	0.0012	0.00063	mg/Kg	☼	10/03/25 10:32	10/06/25 10:09	1
Chloroethane	0.0012	U	0.0012	0.00061	mg/Kg	☼	10/03/25 10:32	10/06/25 10:09	1
Chloroform	0.0012	U	0.0012	0.0011	mg/Kg	☼	10/03/25 10:32	10/06/25 10:09	1
Chloromethane	0.0012	U	0.0012	0.00051	mg/Kg	☼	10/03/25 10:32	10/06/25 10:09	1
cis-1,2-Dichloroethene	0.0012	U	0.0012	0.00042	mg/Kg	☼	10/03/25 10:32	10/06/25 10:09	1
cis-1,3-Dichloropropene	0.0012	U	0.0012	0.00032	mg/Kg	☼	10/03/25 10:32	10/06/25 10:09	1
Cyclohexane	0.0012	U	0.0012	0.00026	mg/Kg	☼	10/03/25 10:32	10/06/25 10:09	1
Dichlorobromomethane	0.0012	U	0.0012	0.00030	mg/Kg	☼	10/03/25 10:32	10/06/25 10:09	1
Dichlorodifluoromethane	0.0012	U	0.0012	0.00039	mg/Kg	☼	10/03/25 10:32	10/06/25 10:09	1
Ethylbenzene	0.0012	U	0.0012	0.00055	mg/Kg	☼	10/03/25 10:32	10/06/25 10:09	1
Ethylene Dibromide	0.0012	U	0.0012	0.00059	mg/Kg	☼	10/03/25 10:32	10/06/25 10:09	1
Isopropylbenzene	0.0012	U	0.0012	0.00033	mg/Kg	☼	10/03/25 10:32	10/06/25 10:09	1
Methyl acetate	0.0058	U	0.0058	0.0050	mg/Kg	☼	10/03/25 10:32	10/06/25 10:09	1
Methyl tert-butyl ether	0.0012	U	0.0012	0.00060	mg/Kg	☼	10/03/25 10:32	10/06/25 10:09	1
Methylcyclohexane	0.0012	U	0.0012	0.00058	mg/Kg	☼	10/03/25 10:32	10/06/25 10:09	1
Methylene Chloride	**0.0048**		0.0023	0.0013	mg/Kg	☼	10/03/25 10:32	10/06/25 10:09	1
m-Xylene & p-Xylene	0.0012	U	0.0012	0.00049	mg/Kg	☼	10/03/25 10:32	10/06/25 10:09	1
n-Butylbenzene	0.0012	U	0.0012	0.00034	mg/Kg	☼	10/03/25 10:32	10/06/25 10:09	1
N-Propylbenzene	0.0012	U	0.0012	0.00052	mg/Kg	☼	10/03/25 10:32	10/06/25 10:09	1
o-Xylene	0.0012	U	0.0012	0.00054	mg/Kg	☼	10/03/25 10:32	10/06/25 10:09	1
sec-Butylbenzene	0.0012	U	0.0012	0.00034	mg/Kg	☼	10/03/25 10:32	10/06/25 10:09	1
Styrene	0.0012	U	0.0012	0.00032	mg/Kg	☼	10/03/25 10:32	10/06/25 10:09	1

Client Sample ID: 56C2_2-3

Lab Sample ID: 460-336081-51

Date Collected: 09/30/25 11:30
Matrix: Solid
Date Received: 09/30/25 16:15
Percent Solids: 97.7

Method: SW846 8260D - Volatile Organic Compounds by GC/MS (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
tert-Butylbenzene	0.0012	U	0.0012	0.00032	mg/Kg	☼	10/03/25 10:32	10/06/25 10:09	1
Tetrachloroethene	0.0012	U	0.0012	0.00036	mg/Kg	☼	10/03/25 10:32	10/06/25 10:09	1
Toluene	0.0012	U	0.0012	0.00027	mg/Kg	☼	10/03/25 10:32	10/06/25 10:09	1
trans-1,2-Dichloroethene	0.0012	U	0.0012	0.00029	mg/Kg	☼	10/03/25 10:32	10/06/25 10:09	1
trans-1,3-Dichloropropene	0.0012	U	0.0012	0.00031	mg/Kg	☼	10/03/25 10:32	10/06/25 10:09	1
Trichloroethene	0.0012	U	0.0012	0.00038	mg/Kg	☼	10/03/25 10:32	10/06/25 10:09	1
Trichlorofluoromethane	0.0012	U	0.0012	0.00047	mg/Kg	☼	10/03/25 10:32	10/06/25 10:09	1
Vinyl chloride	0.0012	U	0.0012	0.00064	mg/Kg	☼	10/03/25 10:32	10/06/25 10:09	1
Xylenes, Total	0.0023	U	0.0023	0.00020	mg/Kg	☼	10/03/25 10:32	10/06/25 10:09	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,2-Dichloroethane-d4 (Surr)	*120*		*65 - 138*	*10/03/25 10:32*	*10/06/25 10:09*	*1*
4-Bromofluorobenzene	*92*		*71 - 128*	*10/03/25 10:32*	*10/06/25 10:09*	*1*
Dibromofluoromethane (Surr)	*109*		*50 - 150*	*10/03/25 10:32*	*10/06/25 10:09*	*1*
Toluene-d8 (Surr)	*100*		*71 - 126*	*10/03/25 10:32*	*10/06/25 10:09*	*1*

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Percent Moisture (EPA Moisture)	**2.3**		1.0	1.0	%			10/05/25 13:43	1
Percent Solids (EPA Moisture)	**97.7**		1.0	1.0	%			10/05/25 13:43	1

Client Sample ID: 56C3_3-4

Lab Sample ID: 460-336081-52

Date Collected: 09/30/25 11:35
Matrix: Solid
Date Received: 09/30/25 16:15
Percent Solids: 98.4

Method: SW846 8260D - Volatile Organic Compounds by GC/MS

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1-Trichloroethane	0.0010	U	0.0010	0.00024	mg/Kg	☼	10/03/25 10:33	10/06/25 10:33	1
1,1,2,2-Tetrachloroethane	0.0010	U	0.0010	0.00053	mg/Kg	☼	10/03/25 10:33	10/06/25 10:33	1
1,1,2-Trichloro-1,2,2-trifluoroethane	0.0010	U	0.0010	0.00030	mg/Kg	☼	10/03/25 10:33	10/06/25 10:33	1
1,1,2-Trichloroethane	0.0010	U	0.0010	0.00061	mg/Kg	☼	10/03/25 10:33	10/06/25 10:33	1
1,1-Dichloroethane	0.0010	U	0.0010	0.00060	mg/Kg	☼	10/03/25 10:33	10/06/25 10:33	1
1,1-Dichloroethene	0.0010	U	0.0010	0.00023	mg/Kg	☼	10/03/25 10:33	10/06/25 10:33	1
1,2,3-Trichlorobenzene	0.0010	U	0.0010	0.00075	mg/Kg	☼	10/03/25 10:33	10/06/25 10:33	1
1,2,4-Trichlorobenzene	0.0010	U	0.0010	0.00036	mg/Kg	☼	10/03/25 10:33	10/06/25 10:33	1
1,2,4-Trimethylbenzene	0.0010	U	0.0010	0.00025	mg/Kg	☼	10/03/25 10:33	10/06/25 10:33	1
1,2-Dibromo-3-Chloropropane	0.0010	U	0.0010	0.00046	mg/Kg	☼	10/03/25 10:33	10/06/25 10:33	1
1,2-Dichlorobenzene	0.0010	U	0.0010	0.00036	mg/Kg	☼	10/03/25 10:33	10/06/25 10:33	1
1,2-Dichloroethane	0.0010	U	0.0010	0.00030	mg/Kg	☼	10/03/25 10:33	10/06/25 10:33	1
1,2-Dichloropropane	0.0010	U	0.0010	0.00043	mg/Kg	☼	10/03/25 10:33	10/06/25 10:33	1
1,3,5-Trimethylbenzene	0.0010	U	0.0010	0.00032	mg/Kg	☼	10/03/25 10:33	10/06/25 10:33	1
1,3-Dichlorobenzene	0.0010	U	0.0010	0.00037	mg/Kg	☼	10/03/25 10:33	10/06/25 10:33	1
1,4-Dichlorobenzene	0.0010	U	0.0010	0.00052	mg/Kg	☼	10/03/25 10:33	10/06/25 10:33	1
2-Butanone (MEK)	0.0050	U	0.0050	0.00037	mg/Kg	☼	10/03/25 10:33	10/06/25 10:33	1
2-Hexanone	0.0050	U	0.0050	0.0017	mg/Kg	☼	10/03/25 10:33	10/06/25 10:33	1
4-Methyl-2-pentanone (MIBK)	0.0050	U	0.0050	0.0016	mg/Kg	☼	10/03/25 10:33	10/06/25 10:33	1
Acetone	0.0061	U	0.0061	0.0058	mg/Kg	☼	10/03/25 10:33	10/06/25 10:33	1
Benzene	0.0010	U	0.0010	0.00057	mg/Kg	☼	10/03/25 10:33	10/06/25 10:33	1
Bromoform	0.0010	U	0.0010	0.00043	mg/Kg	☼	10/03/25 10:33	10/06/25 10:33	1
Bromomethane	0.0020	U	0.0020	0.0010	mg/Kg	☼	10/03/25 10:33	10/06/25 10:33	1

Client: Haley & Aldrich, Inc.
Project/Site: Former Port Mobil

Job ID: 460-336081-1

Client Sample ID: 56C3_3-4
Date Collected: 09/30/25 11:35
Date Received: 09/30/25 16:15

Lab Sample ID: 460-336081-52
Matrix: Solid
Percent Solids: 98.4

Method: SW846 8260D - Volatile Organic Compounds by GC/MS (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Carbon disulfide	0.0010	U	0.0010	0.00027	mg/Kg	☼	10/03/25 10:33	10/06/25 10:33	1
Carbon tetrachloride	0.0010	U	0.0010	0.00039	mg/Kg	☼	10/03/25 10:33	10/06/25 10:33	1
Chlorobenzene	0.0010	U	0.0010	0.00051	mg/Kg	☼	10/03/25 10:33	10/06/25 10:33	1
Chlorobromomethane	0.0010	U	0.0010	0.00060	mg/Kg	☼	10/03/25 10:33	10/06/25 10:33	1
Chlorodibromomethane	0.0010	U	0.0010	0.00054	mg/Kg	☼	10/03/25 10:33	10/06/25 10:33	1
Chloroethane	0.0010	U	0.0010	0.00053	mg/Kg	☼	10/03/25 10:33	10/06/25 10:33	1
Chloroform	0.0010	U	0.0010	0.00098	mg/Kg	☼	10/03/25 10:33	10/06/25 10:33	1
Chloromethane	0.0010	U	0.0010	0.00044	mg/Kg	☼	10/03/25 10:33	10/06/25 10:33	1
cis-1,2-Dichloroethene	0.0010	U	0.0010	0.00036	mg/Kg	☼	10/03/25 10:33	10/06/25 10:33	1
cis-1,3-Dichloropropene	0.0010	U	0.0010	0.00028	mg/Kg	☼	10/03/25 10:33	10/06/25 10:33	1
Cyclohexane	0.0010	U	0.0010	0.00022	mg/Kg	☼	10/03/25 10:33	10/06/25 10:33	1
Dichlorobromomethane	0.0010	U	0.0010	0.00026	mg/Kg	☼	10/03/25 10:33	10/06/25 10:33	1
Dichlorodifluoromethane	0.0010	U	0.0010	0.00034	mg/Kg	☼	10/03/25 10:33	10/06/25 10:33	1
Ethylbenzene	0.0010	U	0.0010	0.00047	mg/Kg	☼	10/03/25 10:33	10/06/25 10:33	1
Ethylene Dibromide	0.0010	U	0.0010	0.00051	mg/Kg	☼	10/03/25 10:33	10/06/25 10:33	1
Isopropylbenzene	0.0010	U	0.0010	0.00029	mg/Kg	☼	10/03/25 10:33	10/06/25 10:33	1
Methyl acetate	0.0050	U	0.0050	0.0043	mg/Kg	☼	10/03/25 10:33	10/06/25 10:33	1
Methyl tert-butyl ether	0.0010	U	0.0010	0.00052	mg/Kg	☼	10/03/25 10:33	10/06/25 10:33	1
Methylcyclohexane	0.0010	U	0.0010	0.00050	mg/Kg	☼	10/03/25 10:33	10/06/25 10:33	1
Methylene Chloride	**0.0036**		0.0020	0.0012	mg/Kg	☼	10/03/25 10:33	10/06/25 10:33	1
m-Xylene & p-Xylene	0.0010	U	0.0010	0.00043	mg/Kg	☼	10/03/25 10:33	10/06/25 10:33	1
n-Butylbenzene	0.0010	U	0.0010	0.00030	mg/Kg	☼	10/03/25 10:33	10/06/25 10:33	1
N-Propylbenzene	0.0010	U	0.0010	0.00045	mg/Kg	☼	10/03/25 10:33	10/06/25 10:33	1
o-Xylene	0.0010	U	0.0010	0.00047	mg/Kg	☼	10/03/25 10:33	10/06/25 10:33	1
sec-Butylbenzene	0.0010	U	0.0010	0.00029	mg/Kg	☼	10/03/25 10:33	10/06/25 10:33	1
Styrene	0.0010	U	0.0010	0.00028	mg/Kg	☼	10/03/25 10:33	10/06/25 10:33	1
tert-Butylbenzene	0.0010	U	0.0010	0.00028	mg/Kg	☼	10/03/25 10:33	10/06/25 10:33	1
Tetrachloroethene	0.0010	U	0.0010	0.00031	mg/Kg	☼	10/03/25 10:33	10/06/25 10:33	1
Toluene	0.0010	U	0.0010	0.00024	mg/Kg	☼	10/03/25 10:33	10/06/25 10:33	1
trans-1,2-Dichloroethene	0.0010	U	0.0010	0.00025	mg/Kg	☼	10/03/25 10:33	10/06/25 10:33	1
trans-1,3-Dichloropropene	0.0010	U	0.0010	0.00027	mg/Kg	☼	10/03/25 10:33	10/06/25 10:33	1
Trichloroethene	0.0010	U	0.0010	0.00032	mg/Kg	☼	10/03/25 10:33	10/06/25 10:33	1
Trichlorofluoromethane	0.0010	U	0.0010	0.00041	mg/Kg	☼	10/03/25 10:33	10/06/25 10:33	1
Vinyl chloride	0.0010	U	0.0010	0.00055	mg/Kg	☼	10/03/25 10:33	10/06/25 10:33	1
Xylenes, Total	0.0020	U	0.0020	0.00018	mg/Kg	☼	10/03/25 10:33	10/06/25 10:33	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,2-Dichloroethane-d4 (Surr)	*120*		*65 - 138*	*10/03/25 10:33*	*10/06/25 10:33*	*1*
4-Bromofluorobenzene	*90*		*71 - 128*	*10/03/25 10:33*	*10/06/25 10:33*	*1*
Dibromofluoromethane (Surr)	*112*		*50 - 150*	*10/03/25 10:33*	*10/06/25 10:33*	*1*
Toluene-d8 (Surr)	*97*		*71 - 126*	*10/03/25 10:33*	*10/06/25 10:33*	*1*

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Percent Moisture (EPA Moisture)	**1.6**		1.0	1.0	%			10/05/25 13:43	1
Percent Solids (EPA Moisture)	**98.4**		1.0	1.0	%			10/05/25 13:43	1

Client Sample ID: 56C1_3-4
Date Collected: 09/30/25 11:40
Date Received: 09/30/25 16:15

Lab Sample ID: 460-336081-53
Matrix: Solid
Percent Solids: 98.7

Method: SW846 8260D - Volatile Organic Compounds by GC/MS

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1-Trichloroethane	0.0012	U	0.0012	0.00029	mg/Kg	☼	10/03/25 10:33	10/06/25 00:16	1
1,1,2,2-Tetrachloroethane	0.0012	U	0.0012	0.00064	mg/Kg	☼	10/03/25 10:33	10/06/25 00:16	1
1,1,2-Trichloro-1,2,2-trifluoroethane	0.0012	U	0.0012	0.00037	mg/Kg	☼	10/03/25 10:33	10/06/25 00:16	1
1,1,2-Trichloroethane	0.0012	U	0.0012	0.00074	mg/Kg	☼	10/03/25 10:33	10/06/25 00:16	1
1,1-Dichloroethane	0.0012	U	0.0012	0.00074	mg/Kg	☼	10/03/25 10:33	10/06/25 00:16	1
1,1-Dichloroethene	0.0012	U	0.0012	0.00028	mg/Kg	☼	10/03/25 10:33	10/06/25 00:16	1
1,2,3-Trichlorobenzene	0.0012	U	0.0012	0.00091	mg/Kg	☼	10/03/25 10:33	10/06/25 00:16	1
1,2,4-Trichlorobenzene	0.0012	U	0.0012	0.00044	mg/Kg	☼	10/03/25 10:33	10/06/25 00:16	1
1,2,4-Trimethylbenzene	0.0012	U	0.0012	0.00030	mg/Kg	☼	10/03/25 10:33	10/06/25 00:16	1
1,2-Dibromo-3-Chloropropane	0.0012	U	0.0012	0.00057	mg/Kg	☼	10/03/25 10:33	10/06/25 00:16	1
1,2-Dichlorobenzene	0.0012	U	0.0012	0.00045	mg/Kg	☼	10/03/25 10:33	10/06/25 00:16	1
1,2-Dichloroethane	0.0012	U	0.0012	0.00037	mg/Kg	☼	10/03/25 10:33	10/06/25 00:16	1
1,2-Dichloropropane	0.0012	U	0.0012	0.00052	mg/Kg	☼	10/03/25 10:33	10/06/25 00:16	1
1,3,5-Trimethylbenzene	0.0012	U	0.0012	0.00039	mg/Kg	☼	10/03/25 10:33	10/06/25 00:16	1
1,3-Dichlorobenzene	0.0012	U	0.0012	0.00045	mg/Kg	☼	10/03/25 10:33	10/06/25 00:16	1
1,4-Dichlorobenzene	0.0012	U	0.0012	0.00064	mg/Kg	☼	10/03/25 10:33	10/06/25 00:16	1
2-Butanone (MEK)	0.0062	U	0.0062	0.00045	mg/Kg	☼	10/03/25 10:33	10/06/25 00:16	1
2-Hexanone	0.0062	U	0.0062	0.0021	mg/Kg	☼	10/03/25 10:33	10/06/25 00:16	1
4-Methyl-2-pentanone (MIBK)	0.0062	U	0.0062	0.0019	mg/Kg	☼	10/03/25 10:33	10/06/25 00:16	1
Acetone	0.0074	U	0.0074	0.0071	mg/Kg	☼	10/03/25 10:33	10/06/25 00:16	1
Benzene	0.0012	U	0.0012	0.00070	mg/Kg	☼	10/03/25 10:33	10/06/25 00:16	1
Bromoform	0.0012	U	0.0012	0.00052	mg/Kg	☼	10/03/25 10:33	10/06/25 00:16	1
Bromomethane	0.0025	U	0.0025	0.0012	mg/Kg	☼	10/03/25 10:33	10/06/25 00:16	1
Carbon disulfide	0.0012	U	0.0012	0.00033	mg/Kg	☼	10/03/25 10:33	10/06/25 00:16	1
Carbon tetrachloride	0.0012	U	0.0012	0.00048	mg/Kg	☼	10/03/25 10:33	10/06/25 00:16	1
Chlorobenzene	0.0012	U	0.0012	0.00063	mg/Kg	☼	10/03/25 10:33	10/06/25 00:16	1
Chlorobromomethane	0.0012	U	0.0012	0.00074	mg/Kg	☼	10/03/25 10:33	10/06/25 00:16	1
Chlorodibromomethane	0.0012	U	0.0012	0.00066	mg/Kg	☼	10/03/25 10:33	10/06/25 00:16	1
Chloroethane	0.0012	U	0.0012	0.00064	mg/Kg	☼	10/03/25 10:33	10/06/25 00:16	1
Chloroform	0.0012	U	0.0012	0.0012	mg/Kg	☼	10/03/25 10:33	10/06/25 00:16	1
Chloromethane	0.0012	U	0.0012	0.00054	mg/Kg	☼	10/03/25 10:33	10/06/25 00:16	1
cis-1,2-Dichloroethene	0.0012	U	0.0012	0.00044	mg/Kg	☼	10/03/25 10:33	10/06/25 00:16	1
cis-1,3-Dichloropropene	0.0012	U	0.0012	0.00034	mg/Kg	☼	10/03/25 10:33	10/06/25 00:16	1
Cyclohexane	0.0012	U	0.0012	0.00027	mg/Kg	☼	10/03/25 10:33	10/06/25 00:16	1
Dichlorobromomethane	0.0012	U	0.0012	0.00032	mg/Kg	☼	10/03/25 10:33	10/06/25 00:16	1
Dichlorodifluoromethane	0.0012	U	0.0012	0.00042	mg/Kg	☼	10/03/25 10:33	10/06/25 00:16	1
Ethylbenzene	0.0012	U	0.0012	0.00058	mg/Kg	☼	10/03/25 10:33	10/06/25 00:16	1
Ethylene Dibromide	0.0012	U	0.0012	0.00062	mg/Kg	☼	10/03/25 10:33	10/06/25 00:16	1
Isopropylbenzene	0.0012	U	0.0012	0.00035	mg/Kg	☼	10/03/25 10:33	10/06/25 00:16	1
Methyl acetate	0.0062	U *	0.0062	0.0053	mg/Kg	☼	10/03/25 10:33	10/06/25 00:16	1
Methyl tert-butyl ether	0.0012	U	0.0012	0.00063	mg/Kg	☼	10/03/25 10:33	10/06/25 00:16	1
Methylcyclohexane	0.0012	U	0.0012	0.00062	mg/Kg	☼	10/03/25 10:33	10/06/25 00:16	1
Methylene Chloride	**0.0059**		0.0025	0.0014	mg/Kg	☼	10/03/25 10:33	10/06/25 00:16	1
m-Xylene & p-Xylene	0.0012	U	0.0012	0.00052	mg/Kg	☼	10/03/25 10:33	10/06/25 00:16	1
n-Butylbenzene	0.0012	U	0.0012	0.00036	mg/Kg	☼	10/03/25 10:33	10/06/25 00:16	1
N-Propylbenzene	0.0012	U	0.0012	0.00055	mg/Kg	☼	10/03/25 10:33	10/06/25 00:16	1
o-Xylene	0.0012	U	0.0012	0.00057	mg/Kg	☼	10/03/25 10:33	10/06/25 00:16	1
sec-Butylbenzene	0.0012	U	0.0012	0.00036	mg/Kg	☼	10/03/25 10:33	10/06/25 00:16	1
Styrene	0.0012	U	0.0012	0.00034	mg/Kg	☼	10/03/25 10:33	10/06/25 00:16	1

Client Sample ID: 56C1_3-4

Lab Sample ID: 460-336081-53

Date Collected: 09/30/25 11:40
Matrix: Solid
Date Received: 09/30/25 16:15
Percent Solids: 98.7

Method: SW846 8260D - Volatile Organic Compounds by GC/MS (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
tert-Butylbenzene	0.0012	U	0.0012	0.00034	mg/Kg	☼	10/03/25 10:33	10/06/25 00:16	1
Tetrachloroethene	0.0012	U	0.0012	0.00038	mg/Kg	☼	10/03/25 10:33	10/06/25 00:16	1
Toluene	0.0012	U	0.0012	0.00029	mg/Kg	☼	10/03/25 10:33	10/06/25 00:16	1
trans-1,2-Dichloroethene	0.0012	U	0.0012	0.00030	mg/Kg	☼	10/03/25 10:33	10/06/25 00:16	1
trans-1,3-Dichloropropene	0.0012	U	0.0012	0.00033	mg/Kg	☼	10/03/25 10:33	10/06/25 00:16	1
Trichloroethene	0.0012	U	0.0012	0.00040	mg/Kg	☼	10/03/25 10:33	10/06/25 00:16	1
Trichlorofluoromethane	0.0012	U	0.0012	0.00050	mg/Kg	☼	10/03/25 10:33	10/06/25 00:16	1
Vinyl chloride	0.0012	U *	0.0012	0.00067	mg/Kg	☼	10/03/25 10:33	10/06/25 00:16	1
Xylenes, Total	0.0025	U	0.0025	0.00021	mg/Kg	☼	10/03/25 10:33	10/06/25 00:16	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,2-Dichloroethane-d4 (Surr)	*112*		*65 - 138*	*10/03/25 10:33*	*10/06/25 00:16*	*1*
4-Bromofluorobenzene	*87*		*71 - 128*	*10/03/25 10:33*	*10/06/25 00:16*	*1*
Dibromofluoromethane (Surr)	*103*		*50 - 150*	*10/03/25 10:33*	*10/06/25 00:16*	*1*
Toluene-d8 (Surr)	*95*		*71 - 126*	*10/03/25 10:33*	*10/06/25 00:16*	*1*

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Percent Moisture (EPA Moisture)	**1.3**		1.0	1.0	%			10/05/25 13:43	1
Percent Solids (EPA Moisture)	**98.7**		1.0	1.0	%			10/05/25 13:43	1

Client Sample ID: 56C2_4-5

Lab Sample ID: 460-336081-54

Date Collected: 09/30/25 11:45
Matrix: Solid
Date Received: 09/30/25 16:15
Percent Solids: 98.4

Method: SW846 8260D - Volatile Organic Compounds by GC/MS

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1-Trichloroethane	0.00078	U	0.00078	0.00018	mg/Kg	☼	10/03/25 10:33	10/06/25 00:39	1
1,1,2,2-Tetrachloroethane	0.00078	U	0.00078	0.00041	mg/Kg	☼	10/03/25 10:33	10/06/25 00:39	1
1,1,2-Trichloro-1,2,2-trifluoroethane	0.00078	U	0.00078	0.00024	mg/Kg	☼	10/03/25 10:33	10/06/25 00:39	1
1,1,2-Trichloroethane	0.00078	U	0.00078	0.00047	mg/Kg	☼	10/03/25 10:33	10/06/25 00:39	1
1,1-Dichloroethane	0.00078	U	0.00078	0.00047	mg/Kg	☼	10/03/25 10:33	10/06/25 00:39	1
1,1-Dichloroethene	0.00078	U	0.00078	0.00018	mg/Kg	☼	10/03/25 10:33	10/06/25 00:39	1
1,2,3-Trichlorobenzene	0.00078	U	0.00078	0.00058	mg/Kg	☼	10/03/25 10:33	10/06/25 00:39	1
1,2,4-Trichlorobenzene	0.00078	U	0.00078	0.00028	mg/Kg	☼	10/03/25 10:33	10/06/25 00:39	1
1,2,4-Trimethylbenzene	0.00078	U	0.00078	0.00019	mg/Kg	☼	10/03/25 10:33	10/06/25 00:39	1
1,2-Dibromo-3-Chloropropane	0.00078	U	0.00078	0.00036	mg/Kg	☼	10/03/25 10:33	10/06/25 00:39	1
1,2-Dichlorobenzene	0.00078	U	0.00078	0.00028	mg/Kg	☼	10/03/25 10:33	10/06/25 00:39	1
1,2-Dichloroethane	0.00078	U	0.00078	0.00023	mg/Kg	☼	10/03/25 10:33	10/06/25 00:39	1
1,2-Dichloropropane	0.00078	U	0.00078	0.00033	mg/Kg	☼	10/03/25 10:33	10/06/25 00:39	1
1,3,5-Trimethylbenzene	0.00078	U	0.00078	0.00025	mg/Kg	☼	10/03/25 10:33	10/06/25 00:39	1
1,3-Dichlorobenzene	0.00078	U	0.00078	0.00029	mg/Kg	☼	10/03/25 10:33	10/06/25 00:39	1
1,4-Dichlorobenzene	0.00078	U	0.00078	0.00041	mg/Kg	☼	10/03/25 10:33	10/06/25 00:39	1
2-Butanone (MEK)	0.0039	U	0.0039	0.00029	mg/Kg	☼	10/03/25 10:33	10/06/25 00:39	1
2-Hexanone	0.0039	U	0.0039	0.0013	mg/Kg	☼	10/03/25 10:33	10/06/25 00:39	1
4-Methyl-2-pentanone (MIBK)	0.0039	U	0.0039	0.0012	mg/Kg	☼	10/03/25 10:33	10/06/25 00:39	1
Acetone	0.0047	U	0.0047	0.0045	mg/Kg	☼	10/03/25 10:33	10/06/25 00:39	1
Benzene	0.00078	U	0.00078	0.00044	mg/Kg	☼	10/03/25 10:33	10/06/25 00:39	1
Bromoform	0.00078	U	0.00078	0.00033	mg/Kg	☼	10/03/25 10:33	10/06/25 00:39	1
Bromomethane	0.0016	U	0.0016	0.00078	mg/Kg	☼	10/03/25 10:33	10/06/25 00:39	1

Client Sample ID: 56C2_4-5
Date Collected: 09/30/25 11:45
Date Received: 09/30/25 16:15

Lab Sample ID: 460-336081-54
Matrix: Solid
Percent Solids: 98.4

Method: SW846 8260D - Volatile Organic Compounds by GC/MS (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Carbon disulfide	0.00078	U	0.00078	0.00021	mg/Kg	☼	10/03/25 10:33	10/06/25 00:39	1
Carbon tetrachloride	0.00078	U	0.00078	0.00030	mg/Kg	☼	10/03/25 10:33	10/06/25 00:39	1
Chlorobenzene	0.00078	U	0.00078	0.00040	mg/Kg	☼	10/03/25 10:33	10/06/25 00:39	1
Chlorobromomethane	0.00078	U	0.00078	0.00047	mg/Kg	☼	10/03/25 10:33	10/06/25 00:39	1
Chlorodibromomethane	0.00078	U	0.00078	0.00042	mg/Kg	☼	10/03/25 10:33	10/06/25 00:39	1
Chloroethane	0.00078	U	0.00078	0.00041	mg/Kg	☼	10/03/25 10:33	10/06/25 00:39	1
Chloroform	0.00078	U	0.00078	0.00076	mg/Kg	☼	10/03/25 10:33	10/06/25 00:39	1
Chloromethane	0.00078	U	0.00078	0.00034	mg/Kg	☼	10/03/25 10:33	10/06/25 00:39	1
cis-1,2-Dichloroethene	0.00078	U	0.00078	0.00028	mg/Kg	☼	10/03/25 10:33	10/06/25 00:39	1
cis-1,3-Dichloropropene	0.00078	U	0.00078	0.00021	mg/Kg	☼	10/03/25 10:33	10/06/25 00:39	1
Cyclohexane	0.00078	U	0.00078	0.00017	mg/Kg	☼	10/03/25 10:33	10/06/25 00:39	1
Dichlorobromomethane	0.00078	U	0.00078	0.00020	mg/Kg	☼	10/03/25 10:33	10/06/25 00:39	1
Dichlorodifluoromethane	0.00078	U	0.00078	0.00026	mg/Kg	☼	10/03/25 10:33	10/06/25 00:39	1
Ethylbenzene	0.00078	U	0.00078	0.00037	mg/Kg	☼	10/03/25 10:33	10/06/25 00:39	1
Ethylene Dibromide	0.00078	U	0.00078	0.00039	mg/Kg	☼	10/03/25 10:33	10/06/25 00:39	1
Isopropylbenzene	0.00078	U	0.00078	0.00022	mg/Kg	☼	10/03/25 10:33	10/06/25 00:39	1
Methyl acetate	0.0039	U *	0.0039	0.0034	mg/Kg	☼	10/03/25 10:33	10/06/25 00:39	1
Methyl tert-butyl ether	0.00078	U	0.00078	0.00040	mg/Kg	☼	10/03/25 10:33	10/06/25 00:39	1
Methylcyclohexane	0.00078	U	0.00078	0.00039	mg/Kg	☼	10/03/25 10:33	10/06/25 00:39	1
Methylene Chloride	**0.0012**	**J**	0.0016	0.00090	mg/Kg	☼	10/03/25 10:33	10/06/25 00:39	1
m-Xylene & p-Xylene	0.00078	U	0.00078	0.00033	mg/Kg	☼	10/03/25 10:33	10/06/25 00:39	1
n-Butylbenzene	0.00078	U	0.00078	0.00023	mg/Kg	☼	10/03/25 10:33	10/06/25 00:39	1
N-Propylbenzene	0.00078	U	0.00078	0.00035	mg/Kg	☼	10/03/25 10:33	10/06/25 00:39	1
o-Xylene	0.00078	U	0.00078	0.00036	mg/Kg	☼	10/03/25 10:33	10/06/25 00:39	1
sec-Butylbenzene	0.00078	U	0.00078	0.00023	mg/Kg	☼	10/03/25 10:33	10/06/25 00:39	1
Styrene	0.00078	U	0.00078	0.00022	mg/Kg	☼	10/03/25 10:33	10/06/25 00:39	1
tert-Butylbenzene	0.00078	U	0.00078	0.00022	mg/Kg	☼	10/03/25 10:33	10/06/25 00:39	1
Tetrachloroethene	0.00078	U	0.00078	0.00024	mg/Kg	☼	10/03/25 10:33	10/06/25 00:39	1
Toluene	0.00078	U	0.00078	0.00018	mg/Kg	☼	10/03/25 10:33	10/06/25 00:39	1
trans-1,2-Dichloroethene	0.00078	U	0.00078	0.00019	mg/Kg	☼	10/03/25 10:33	10/06/25 00:39	1
trans-1,3-Dichloropropene	0.00078	U	0.00078	0.00021	mg/Kg	☼	10/03/25 10:33	10/06/25 00:39	1
Trichloroethene	0.00078	U	0.00078	0.00025	mg/Kg	☼	10/03/25 10:33	10/06/25 00:39	1
Trichlorofluoromethane	0.00078	U	0.00078	0.00032	mg/Kg	☼	10/03/25 10:33	10/06/25 00:39	1
Vinyl chloride	0.00078	U *	0.00078	0.00043	mg/Kg	☼	10/03/25 10:33	10/06/25 00:39	1
Xylenes, Total	0.0016	U	0.0016	0.00014	mg/Kg	☼	10/03/25 10:33	10/06/25 00:39	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,2-Dichloroethane-d4 (Surr)	*114*		*65 - 138*	*10/03/25 10:33*	*10/06/25 00:39*	*1*
4-Bromofluorobenzene	*88*		*71 - 128*	*10/03/25 10:33*	*10/06/25 00:39*	*1*
Dibromofluoromethane (Surr)	*104*		*50 - 150*	*10/03/25 10:33*	*10/06/25 00:39*	*1*
Toluene-d8 (Surr)	*98*		*71 - 126*	*10/03/25 10:33*	*10/06/25 00:39*	*1*

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Percent Moisture (EPA Moisture)	**1.5**		1.0	1.0	%			10/05/25 13:43	1
Percent Solids (EPA Moisture)	**98.5**		1.0	1.0	%			10/05/25 13:43	1

Client: Haley & Aldrich, Inc.
Project/Site: Former Port Mobil

Job ID: 460-336081-1

Client Sample ID: 56C3_5-6
Date Collected: 09/30/25 11:50
Date Received: 09/30/25 16:15

Lab Sample ID: 460-336081-55
Matrix: Solid
Percent Solids: 98.0

Method: SW846 8260D - Volatile Organic Compounds by GC/MS

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1-Trichloroethane	0.0010	U	0.0010	0.00024	mg/Kg	☼	10/03/25 10:34	10/06/25 01:03	1
1,1,2,2-Tetrachloroethane	0.0010	U	0.0010	0.00054	mg/Kg	☼	10/03/25 10:34	10/06/25 01:03	1
1,1,2-Trichloro-1,2,2-trifluoroethane	0.0010	U	0.0010	0.00031	mg/Kg	☼	10/03/25 10:34	10/06/25 01:03	1
1,1,2-Trichloroethane	0.0010	U	0.0010	0.00063	mg/Kg	☼	10/03/25 10:34	10/06/25 01:03	1
1,1-Dichloroethane	0.0010	U	0.0010	0.00062	mg/Kg	☼	10/03/25 10:34	10/06/25 01:03	1
1,1-Dichloroethene	0.0010	U	0.0010	0.00023	mg/Kg	☼	10/03/25 10:34	10/06/25 01:03	1
1,2,3-Trichlorobenzene	0.0010	U	0.0010	0.00077	mg/Kg	☼	10/03/25 10:34	10/06/25 01:03	1
1,2,4-Trichlorobenzene	0.0010	U	0.0010	0.00037	mg/Kg	☼	10/03/25 10:34	10/06/25 01:03	1
1,2,4-Trimethylbenzene	0.0010	U	0.0010	0.00026	mg/Kg	☼	10/03/25 10:34	10/06/25 01:03	1
1,2-Dibromo-3-Chloropropane	0.0010	U	0.0010	0.00048	mg/Kg	☼	10/03/25 10:34	10/06/25 01:03	1
1,2-Dichlorobenzene	0.0010	U	0.0010	0.00038	mg/Kg	☼	10/03/25 10:34	10/06/25 01:03	1
1,2-Dichloroethane	0.0010	U	0.0010	0.00031	mg/Kg	☼	10/03/25 10:34	10/06/25 01:03	1
1,2-Dichloropropane	0.0010	U	0.0010	0.00044	mg/Kg	☼	10/03/25 10:34	10/06/25 01:03	1
1,3,5-Trimethylbenzene	0.0010	U	0.0010	0.00033	mg/Kg	☼	10/03/25 10:34	10/06/25 01:03	1
1,3-Dichlorobenzene	0.0010	U	0.0010	0.00038	mg/Kg	☼	10/03/25 10:34	10/06/25 01:03	1
1,4-Dichlorobenzene	0.0010	U	0.0010	0.00054	mg/Kg	☼	10/03/25 10:34	10/06/25 01:03	1
2-Butanone (MEK)	0.0052	U	0.0052	0.00038	mg/Kg	☼	10/03/25 10:34	10/06/25 01:03	1
2-Hexanone	0.0052	U	0.0052	0.0018	mg/Kg	☼	10/03/25 10:34	10/06/25 01:03	1
4-Methyl-2-pentanone (MIBK)	0.0052	U	0.0052	0.0016	mg/Kg	☼	10/03/25 10:34	10/06/25 01:03	1
Acetone	0.0063	U	0.0063	0.0060	mg/Kg	☼	10/03/25 10:34	10/06/25 01:03	1
Benzene	0.0010	U	0.0010	0.00059	mg/Kg	☼	10/03/25 10:34	10/06/25 01:03	1
Bromoform	0.0010	U	0.0010	0.00044	mg/Kg	☼	10/03/25 10:34	10/06/25 01:03	1
Bromomethane	0.0021	U	0.0021	0.0010	mg/Kg	☼	10/03/25 10:34	10/06/25 01:03	1
Carbon disulfide	0.0010	U	0.0010	0.00028	mg/Kg	☼	10/03/25 10:34	10/06/25 01:03	1
Carbon tetrachloride	0.0010	U	0.0010	0.00040	mg/Kg	☼	10/03/25 10:34	10/06/25 01:03	1
Chlorobenzene	0.0010	U	0.0010	0.00053	mg/Kg	☼	10/03/25 10:34	10/06/25 01:03	1
Chlorobromomethane	0.0010	U	0.0010	0.00062	mg/Kg	☼	10/03/25 10:34	10/06/25 01:03	1
Chlorodibromomethane	0.0010	U	0.0010	0.00056	mg/Kg	☼	10/03/25 10:34	10/06/25 01:03	1
Chloroethane	0.0010	U	0.0010	0.00054	mg/Kg	☼	10/03/25 10:34	10/06/25 01:03	1
Chloroform	0.0010	U	0.0010	0.0010	mg/Kg	☼	10/03/25 10:34	10/06/25 01:03	1
Chloromethane	0.0010	U	0.0010	0.00045	mg/Kg	☼	10/03/25 10:34	10/06/25 01:03	1
cis-1,2-Dichloroethene	0.0010	U	0.0010	0.00037	mg/Kg	☼	10/03/25 10:34	10/06/25 01:03	1
cis-1,3-Dichloropropene	0.0010	U	0.0010	0.00028	mg/Kg	☼	10/03/25 10:34	10/06/25 01:03	1
Cyclohexane	0.0010	U	0.0010	0.00023	mg/Kg	☼	10/03/25 10:34	10/06/25 01:03	1
Dichlorobromomethane	0.0010	U	0.0010	0.00027	mg/Kg	☼	10/03/25 10:34	10/06/25 01:03	1
Dichlorodifluoromethane	0.0010	U	0.0010	0.00035	mg/Kg	☼	10/03/25 10:34	10/06/25 01:03	1
Ethylbenzene	0.0010	U	0.0010	0.00049	mg/Kg	☼	10/03/25 10:34	10/06/25 01:03	1
Ethylene Dibromide	0.0010	U	0.0010	0.00053	mg/Kg	☼	10/03/25 10:34	10/06/25 01:03	1
Isopropylbenzene	0.0010	U	0.0010	0.00030	mg/Kg	☼	10/03/25 10:34	10/06/25 01:03	1
Methyl acetate	0.0052	U *	0.0052	0.0045	mg/Kg	☼	10/03/25 10:34	10/06/25 01:03	1
Methyl tert-butyl ether	0.0010	U	0.0010	0.00053	mg/Kg	☼	10/03/25 10:34	10/06/25 01:03	1
Methylcyclohexane	0.0010	U	0.0010	0.00052	mg/Kg	☼	10/03/25 10:34	10/06/25 01:03	1
Methylene Chloride	**0.0041**		0.0021	0.0012	mg/Kg	☼	10/03/25 10:34	10/06/25 01:03	1
m-Xylene & p-Xylene	0.0010	U	0.0010	0.00044	mg/Kg	☼	10/03/25 10:34	10/06/25 01:03	1
n-Butylbenzene	0.0010	U	0.0010	0.00031	mg/Kg	☼	10/03/25 10:34	10/06/25 01:03	1
N-Propylbenzene	0.0010	U	0.0010	0.00047	mg/Kg	☼	10/03/25 10:34	10/06/25 01:03	1
o-Xylene	0.0010	U	0.0010	0.00048	mg/Kg	☼	10/03/25 10:34	10/06/25 01:03	1
sec-Butylbenzene	0.0010	U	0.0010	0.00030	mg/Kg	☼	10/03/25 10:34	10/06/25 01:03	1
Styrene	0.0010	U	0.0010	0.00029	mg/Kg	☼	10/03/25 10:34	10/06/25 01:03	1

Client Sample ID: 56C3_5-6

Lab Sample ID: 460-336081-55

Date Collected: 09/30/25 11:50
Matrix: Solid
Date Received: 09/30/25 16:15
Percent Solids: 98.0

Method: SW846 8260D - Volatile Organic Compounds by GC/MS (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
tert-Butylbenzene	0.0010	U	0.0010	0.00029	mg/Kg	☼	10/03/25 10:34	10/06/25 01:03	1
Tetrachloroethene	0.0010	U	0.0010	0.00032	mg/Kg	☼	10/03/25 10:34	10/06/25 01:03	1
Toluene	0.0010	U	0.0010	0.00024	mg/Kg	☼	10/03/25 10:34	10/06/25 01:03	1
trans-1,2-Dichloroethene	0.0010	U	0.0010	0.00026	mg/Kg	☼	10/03/25 10:34	10/06/25 01:03	1
trans-1,3-Dichloropropene	0.0010	U	0.0010	0.00028	mg/Kg	☼	10/03/25 10:34	10/06/25 01:03	1
Trichloroethene	0.0010	U	0.0010	0.00033	mg/Kg	☼	10/03/25 10:34	10/06/25 01:03	1
Trichlorofluoromethane	0.0010	U	0.0010	0.00042	mg/Kg	☼	10/03/25 10:34	10/06/25 01:03	1
Vinyl chloride	0.0010	U *	0.0010	0.00057	mg/Kg	☼	10/03/25 10:34	10/06/25 01:03	1
Xylenes, Total	0.0021	U	0.0021	0.00018	mg/Kg	☼	10/03/25 10:34	10/06/25 01:03	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,2-Dichloroethane-d4 (Surr)	*115*		*65 - 138*	*10/03/25 10:34*	*10/06/25 01:03*	*1*
4-Bromofluorobenzene	*91*		*71 - 128*	*10/03/25 10:34*	*10/06/25 01:03*	*1*
Dibromofluoromethane (Surr)	*108*		*50 - 150*	*10/03/25 10:34*	*10/06/25 01:03*	*1*
Toluene-d8 (Surr)	*99*		*71 - 126*	*10/03/25 10:34*	*10/06/25 01:03*	*1*

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Percent Moisture (EPA Moisture)	**2.0**		1.0	1.0	%			10/05/25 13:43	1
Percent Solids (EPA Moisture)	**98.0**		1.0	1.0	%			10/05/25 13:43	1

Client Sample ID: 56C2_5-6

Lab Sample ID: 460-336081-56

Date Collected: 09/30/25 11:55
Matrix: Solid
Date Received: 09/30/25 16:15
Percent Solids: 98.9

Method: SW846 8260D - Volatile Organic Compounds by GC/MS

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1-Trichloroethane	0.0012	U	0.0012	0.00028	mg/Kg	☼	10/03/25 10:34	10/06/25 01:27	1
1,1,2,2-Tetrachloroethane	0.0012	U	0.0012	0.00063	mg/Kg	☼	10/03/25 10:34	10/06/25 01:27	1
1,1,2-Trichloro-1,2,2-trifluoroethane	0.0012	U	0.0012	0.00037	mg/Kg	☼	10/03/25 10:34	10/06/25 01:27	1
1,1,2-Trichloroethane	0.0012	U	0.0012	0.00073	mg/Kg	☼	10/03/25 10:34	10/06/25 01:27	1
1,1-Dichloroethane	0.0012	U	0.0012	0.00073	mg/Kg	☼	10/03/25 10:34	10/06/25 01:27	1
1,1-Dichloroethene	0.0012	U	0.0012	0.00027	mg/Kg	☼	10/03/25 10:34	10/06/25 01:27	1
1,2,3-Trichlorobenzene	0.0012	U	0.0012	0.00090	mg/Kg	☼	10/03/25 10:34	10/06/25 01:27	1
1,2,4-Trichlorobenzene	0.0012	U	0.0012	0.00044	mg/Kg	☼	10/03/25 10:34	10/06/25 01:27	1
1,2,4-Trimethylbenzene	0.0012	U	0.0012	0.00030	mg/Kg	☼	10/03/25 10:34	10/06/25 01:27	1
1,2-Dibromo-3-Chloropropane	0.0012	U	0.0012	0.00056	mg/Kg	☼	10/03/25 10:34	10/06/25 01:27	1
1,2-Dichlorobenzene	0.0012	U	0.0012	0.00044	mg/Kg	☼	10/03/25 10:34	10/06/25 01:27	1
1,2-Dichloroethane	0.0012	U	0.0012	0.00036	mg/Kg	☼	10/03/25 10:34	10/06/25 01:27	1
1,2-Dichloropropane	0.0012	U	0.0012	0.00051	mg/Kg	☼	10/03/25 10:34	10/06/25 01:27	1
1,3,5-Trimethylbenzene	0.0012	U	0.0012	0.00038	mg/Kg	☼	10/03/25 10:34	10/06/25 01:27	1
1,3-Dichlorobenzene	0.0012	U	0.0012	0.00044	mg/Kg	☼	10/03/25 10:34	10/06/25 01:27	1
1,4-Dichlorobenzene	0.0012	U	0.0012	0.00063	mg/Kg	☼	10/03/25 10:34	10/06/25 01:27	1
2-Butanone (MEK)	0.0061	U	0.0061	0.00045	mg/Kg	☼	10/03/25 10:34	10/06/25 01:27	1
2-Hexanone	0.0061	U	0.0061	0.0021	mg/Kg	☼	10/03/25 10:34	10/06/25 01:27	1
4-Methyl-2-pentanone (MIBK)	0.0061	U	0.0061	0.0019	mg/Kg	☼	10/03/25 10:34	10/06/25 01:27	1
Acetone	0.0073	U	0.0073	0.0069	mg/Kg	☼	10/03/25 10:34	10/06/25 01:27	1
Benzene	0.0012	U	0.0012	0.00069	mg/Kg	☼	10/03/25 10:34	10/06/25 01:27	1
Bromoform	0.0012	U	0.0012	0.00052	mg/Kg	☼	10/03/25 10:34	10/06/25 01:27	1
Bromomethane	0.0024	U	0.0024	0.0012	mg/Kg	☼	10/03/25 10:34	10/06/25 01:27	1

Client Sample ID: 56C2_5-6
Date Collected: 09/30/25 11:55
Date Received: 09/30/25 16:15

Lab Sample ID: 460-336081-56
Matrix: Solid
Percent Solids: 98.9

Method: SW846 8260D - Volatile Organic Compounds by GC/MS (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Carbon disulfide	0.0012	U	0.0012	0.00032	mg/Kg	☼	10/03/25 10:34	10/06/25 01:27	1
Carbon tetrachloride	0.0012	U	0.0012	0.00047	mg/Kg	☼	10/03/25 10:34	10/06/25 01:27	1
Chlorobenzene	0.0012	U	0.0012	0.00062	mg/Kg	☼	10/03/25 10:34	10/06/25 01:27	1
Chlorobromomethane	0.0012	U	0.0012	0.00072	mg/Kg	☼	10/03/25 10:34	10/06/25 01:27	1
Chlorodibromomethane	0.0012	U	0.0012	0.00065	mg/Kg	☼	10/03/25 10:34	10/06/25 01:27	1
Chloroethane	0.0012	U	0.0012	0.00063	mg/Kg	☼	10/03/25 10:34	10/06/25 01:27	1
Chloroform	0.0012	U	0.0012	0.0012	mg/Kg	☼	10/03/25 10:34	10/06/25 01:27	1
Chloromethane	0.0012	U	0.0012	0.00053	mg/Kg	☼	10/03/25 10:34	10/06/25 01:27	1
cis-1,2-Dichloroethene	0.0012	U	0.0012	0.00044	mg/Kg	☼	10/03/25 10:34	10/06/25 01:27	1
cis-1,3-Dichloropropene	0.0012	U	0.0012	0.00033	mg/Kg	☼	10/03/25 10:34	10/06/25 01:27	1
Cyclohexane	0.0012	U	0.0012	0.00027	mg/Kg	☼	10/03/25 10:34	10/06/25 01:27	1
Dichlorobromomethane	0.0012	U	0.0012	0.00031	mg/Kg	☼	10/03/25 10:34	10/06/25 01:27	1
Dichlorodifluoromethane	0.0012	U	0.0012	0.00041	mg/Kg	☼	10/03/25 10:34	10/06/25 01:27	1
Ethylbenzene	0.0012	U	0.0012	0.00057	mg/Kg	☼	10/03/25 10:34	10/06/25 01:27	1
Ethylene Dibromide	0.0012	U	0.0012	0.00061	mg/Kg	☼	10/03/25 10:34	10/06/25 01:27	1
Isopropylbenzene	0.0012	U	0.0012	0.00035	mg/Kg	☼	10/03/25 10:34	10/06/25 01:27	1
Methyl acetate	0.0061	U *	0.0061	0.0052	mg/Kg	☼	10/03/25 10:34	10/06/25 01:27	1
Methyl tert-butyl ether	0.0012	U	0.0012	0.00062	mg/Kg	☼	10/03/25 10:34	10/06/25 01:27	1
Methylcyclohexane	0.0012	U	0.0012	0.00061	mg/Kg	☼	10/03/25 10:34	10/06/25 01:27	1
Methylene Chloride	**0.0028**		0.0024	0.0014	mg/Kg	☼	10/03/25 10:34	10/06/25 01:27	1
m-Xylene & p-Xylene	0.0012	U	0.0012	0.00051	mg/Kg	☼	10/03/25 10:34	10/06/25 01:27	1
n-Butylbenzene	0.0012	U	0.0012	0.00036	mg/Kg	☼	10/03/25 10:34	10/06/25 01:27	1
N-Propylbenzene	0.0012	U	0.0012	0.00055	mg/Kg	☼	10/03/25 10:34	10/06/25 01:27	1
o-Xylene	0.0012	U	0.0012	0.00056	mg/Kg	☼	10/03/25 10:34	10/06/25 01:27	1
sec-Butylbenzene	0.0012	U	0.0012	0.00035	mg/Kg	☼	10/03/25 10:34	10/06/25 01:27	1
Styrene	0.0012	U	0.0012	0.00034	mg/Kg	☼	10/03/25 10:34	10/06/25 01:27	1
tert-Butylbenzene	0.0012	U	0.0012	0.00034	mg/Kg	☼	10/03/25 10:34	10/06/25 01:27	1
Tetrachloroethene	0.0012	U	0.0012	0.00037	mg/Kg	☼	10/03/25 10:34	10/06/25 01:27	1
Toluene	0.0012	U	0.0012	0.00028	mg/Kg	☼	10/03/25 10:34	10/06/25 01:27	1
trans-1,2-Dichloroethene	0.0012	U	0.0012	0.00030	mg/Kg	☼	10/03/25 10:34	10/06/25 01:27	1
trans-1,3-Dichloropropene	0.0012	U	0.0012	0.00032	mg/Kg	☼	10/03/25 10:34	10/06/25 01:27	1
Trichloroethene	0.0012	U	0.0012	0.00039	mg/Kg	☼	10/03/25 10:34	10/06/25 01:27	1
Trichlorofluoromethane	0.0012	U	0.0012	0.00049	mg/Kg	☼	10/03/25 10:34	10/06/25 01:27	1
Vinyl chloride	0.0012	U *	0.0012	0.00066	mg/Kg	☼	10/03/25 10:34	10/06/25 01:27	1
Xylenes, Total	0.0024	U	0.0024	0.00021	mg/Kg	☼	10/03/25 10:34	10/06/25 01:27	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,2-Dichloroethane-d4 (Surr)	*115*		*65 - 138*	*10/03/25 10:34*	*10/06/25 01:27*	*1*
4-Bromofluorobenzene	*90*		*71 - 128*	*10/03/25 10:34*	*10/06/25 01:27*	*1*
Dibromofluoromethane (Surr)	*108*		*50 - 150*	*10/03/25 10:34*	*10/06/25 01:27*	*1*
Toluene-d8 (Surr)	*99*		*71 - 126*	*10/03/25 10:34*	*10/06/25 01:27*	*1*

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Percent Moisture (EPA Moisture)	**1.1**		1.0	1.0	%			10/05/25 13:43	1
Percent Solids (EPA Moisture)	**98.9**		1.0	1.0	%			10/05/25 13:43	1

Client: Haley & Aldrich, Inc.
Project/Site: Former Port Mobil

Job ID: 460-336081-1

Client Sample ID: 56D1_1-2
Date Collected: 09/30/25 12:00
Date Received: 09/30/25 16:15

Lab Sample ID: 460-336081-57
Matrix: Solid
Percent Solids: 98.5

Method: SW846 8260D - Volatile Organic Compounds by GC/MS

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1-Trichloroethane	0.00083	U	0.00083	0.00019	mg/Kg	☼	10/03/25 10:34	10/06/25 01:51	1
1,1,2,2-Tetrachloroethane	0.00083	U	0.00083	0.00044	mg/Kg	☼	10/03/25 10:34	10/06/25 01:51	1
1,1,2-Trichloro-1,2,2-trifluoroethane	0.00083	U	0.00083	0.00025	mg/Kg	☼	10/03/25 10:34	10/06/25 01:51	1
1,1,2-Trichloroethane	0.00083	U	0.00083	0.00050	mg/Kg	☼	10/03/25 10:34	10/06/25 01:51	1
1,1-Dichloroethane	0.00083	U	0.00083	0.00050	mg/Kg	☼	10/03/25 10:34	10/06/25 01:51	1
1,1-Dichloroethene	0.00083	U	0.00083	0.00019	mg/Kg	☼	10/03/25 10:34	10/06/25 01:51	1
1,2,3-Trichlorobenzene	0.00083	U	0.00083	0.00062	mg/Kg	☼	10/03/25 10:34	10/06/25 01:51	1
1,2,4-Trichlorobenzene	0.00083	U	0.00083	0.00030	mg/Kg	☼	10/03/25 10:34	10/06/25 01:51	1
1,2,4-Trimethylbenzene	0.00083	U	0.00083	0.00021	mg/Kg	☼	10/03/25 10:34	10/06/25 01:51	1
1,2-Dibromo-3-Chloropropane	0.00083	U	0.00083	0.00038	mg/Kg	☼	10/03/25 10:34	10/06/25 01:51	1
1,2-Dichlorobenzene	0.00083	U	0.00083	0.00030	mg/Kg	☼	10/03/25 10:34	10/06/25 01:51	1
1,2-Dichloroethane	0.00083	U	0.00083	0.00025	mg/Kg	☼	10/03/25 10:34	10/06/25 01:51	1
1,2-Dichloropropane	0.00083	U	0.00083	0.00035	mg/Kg	☼	10/03/25 10:34	10/06/25 01:51	1
1,3,5-Trimethylbenzene	0.00083	U	0.00083	0.00026	mg/Kg	☼	10/03/25 10:34	10/06/25 01:51	1
1,3-Dichlorobenzene	0.00083	U	0.00083	0.00030	mg/Kg	☼	10/03/25 10:34	10/06/25 01:51	1
1,4-Dichlorobenzene	0.00083	U	0.00083	0.00043	mg/Kg	☼	10/03/25 10:34	10/06/25 01:51	1
2-Butanone (MEK)	0.0042	U	0.0042	0.00031	mg/Kg	☼	10/03/25 10:34	10/06/25 01:51	1
2-Hexanone	0.0042	U	0.0042	0.0014	mg/Kg	☼	10/03/25 10:34	10/06/25 01:51	1
4-Methyl-2-pentanone (MIBK)	0.0042	U	0.0042	0.0013	mg/Kg	☼	10/03/25 10:34	10/06/25 01:51	1
Acetone	0.0050	U	0.0050	0.0048	mg/Kg	☼	10/03/25 10:34	10/06/25 01:51	1
Benzene	0.00083	U	0.00083	0.00047	mg/Kg	☼	10/03/25 10:34	10/06/25 01:51	1
Bromoform	0.00083	U	0.00083	0.00035	mg/Kg	☼	10/03/25 10:34	10/06/25 01:51	1
Bromomethane	0.0017	U	0.0017	0.00083	mg/Kg	☼	10/03/25 10:34	10/06/25 01:51	1
Carbon disulfide	0.00083	U	0.00083	0.00022	mg/Kg	☼	10/03/25 10:34	10/06/25 01:51	1
Carbon tetrachloride	0.00083	U	0.00083	0.00032	mg/Kg	☼	10/03/25 10:34	10/06/25 01:51	1
Chlorobenzene	0.00083	U	0.00083	0.00042	mg/Kg	☼	10/03/25 10:34	10/06/25 01:51	1
Chlorobromomethane	0.00083	U	0.00083	0.00050	mg/Kg	☼	10/03/25 10:34	10/06/25 01:51	1
Chlorodibromomethane	0.00083	U	0.00083	0.00045	mg/Kg	☼	10/03/25 10:34	10/06/25 01:51	1
Chloroethane	0.00083	U	0.00083	0.00044	mg/Kg	☼	10/03/25 10:34	10/06/25 01:51	1
Chloroform	0.00083	U	0.00083	0.00081	mg/Kg	☼	10/03/25 10:34	10/06/25 01:51	1
Chloromethane	0.00083	U	0.00083	0.00036	mg/Kg	☼	10/03/25 10:34	10/06/25 01:51	1
cis-1,2-Dichloroethene	0.00083	U	0.00083	0.00030	mg/Kg	☼	10/03/25 10:34	10/06/25 01:51	1
cis-1,3-Dichloropropene	0.00083	U	0.00083	0.00023	mg/Kg	☼	10/03/25 10:34	10/06/25 01:51	1
Cyclohexane	0.00083	U	0.00083	0.00018	mg/Kg	☼	10/03/25 10:34	10/06/25 01:51	1
Dichlorobromomethane	0.00083	U	0.00083	0.00021	mg/Kg	☼	10/03/25 10:34	10/06/25 01:51	1
Dichlorodifluoromethane	0.00083	U	0.00083	0.00028	mg/Kg	☼	10/03/25 10:34	10/06/25 01:51	1
Ethylbenzene	0.00083	U	0.00083	0.00039	mg/Kg	☼	10/03/25 10:34	10/06/25 01:51	1
Ethylene Dibromide	0.00083	U	0.00083	0.00042	mg/Kg	☼	10/03/25 10:34	10/06/25 01:51	1
Isopropylbenzene	0.00083	U	0.00083	0.00024	mg/Kg	☼	10/03/25 10:34	10/06/25 01:51	1
Methyl acetate	0.0042	U *	0.0042	0.0036	mg/Kg	☼	10/03/25 10:34	10/06/25 01:51	1
Methyl tert-butyl ether	0.00083	U	0.00083	0.00043	mg/Kg	☼	10/03/25 10:34	10/06/25 01:51	1
Methylcyclohexane	0.00083	U	0.00083	0.00042	mg/Kg	☼	10/03/25 10:34	10/06/25 01:51	1
Methylene Chloride	**0.0025**		0.0017	0.00096	mg/Kg	☼	10/03/25 10:34	10/06/25 01:51	1
m-Xylene & p-Xylene	0.00083	U	0.00083	0.00035	mg/Kg	☼	10/03/25 10:34	10/06/25 01:51	1
n-Butylbenzene	0.00083	U	0.00083	0.00025	mg/Kg	☼	10/03/25 10:34	10/06/25 01:51	1
N-Propylbenzene	0.00083	U	0.00083	0.00037	mg/Kg	☼	10/03/25 10:34	10/06/25 01:51	1
o-Xylene	0.00083	U	0.00083	0.00038	mg/Kg	☼	10/03/25 10:34	10/06/25 01:51	1
sec-Butylbenzene	0.00083	U	0.00083	0.00024	mg/Kg	☼	10/03/25 10:34	10/06/25 01:51	1
Styrene	0.00083	U	0.00083	0.00023	mg/Kg	☼	10/03/25 10:34	10/06/25 01:51	1

Client Sample ID: 56D1_1-2

Lab Sample ID: 460-336081-57

Date Collected: 09/30/25 12:00
Matrix: Solid
Date Received: 09/30/25 16:15
Percent Solids: 98.5

Method: SW846 8260D - Volatile Organic Compounds by GC/MS (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
tert-Butylbenzene	0.00083	U	0.00083	0.00023	mg/Kg	☼	10/03/25 10:34	10/06/25 01:51	1
Tetrachloroethene	0.00083	U	0.00083	0.00025	mg/Kg	☼	10/03/25 10:34	10/06/25 01:51	1
Toluene	0.00083	U	0.00083	0.00020	mg/Kg	☼	10/03/25 10:34	10/06/25 01:51	1
trans-1,2-Dichloroethene	0.00083	U	0.00083	0.00021	mg/Kg	☼	10/03/25 10:34	10/06/25 01:51	1
trans-1,3-Dichloropropene	0.00083	U	0.00083	0.00022	mg/Kg	☼	10/03/25 10:34	10/06/25 01:51	1
Trichloroethene	0.00083	U	0.00083	0.00027	mg/Kg	☼	10/03/25 10:34	10/06/25 01:51	1
Trichlorofluoromethane	0.00083	U	0.00083	0.00034	mg/Kg	☼	10/03/25 10:34	10/06/25 01:51	1
Vinyl chloride	0.00083	U *	0.00083	0.00046	mg/Kg	☼	10/03/25 10:34	10/06/25 01:51	1
Xylenes, Total	0.0017	U	0.0017	0.00015	mg/Kg	☼	10/03/25 10:34	10/06/25 01:51	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,2-Dichloroethane-d4 (Surr)	*114*		*65 - 138*	*10/03/25 10:34*	*10/06/25 01:51*	*1*
4-Bromofluorobenzene	*89*		*71 - 128*	*10/03/25 10:34*	*10/06/25 01:51*	*1*
Dibromofluoromethane (Surr)	*105*		*50 - 150*	*10/03/25 10:34*	*10/06/25 01:51*	*1*
Toluene-d8 (Surr)	*96*		*71 - 126*	*10/03/25 10:34*	*10/06/25 01:51*	*1*

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Percent Moisture (EPA Moisture)	**1.5**		1.0	1.0	%			10/05/25 13:43	1
Percent Solids (EPA Moisture)	**98.5**		1.0	1.0	%			10/05/25 13:43	1

Client Sample ID: 56D2_1-2

Lab Sample ID: 460-336081-58

Date Collected: 09/30/25 12:05
Matrix: Solid
Date Received: 09/30/25 16:15
Percent Solids: 98.2

Method: SW846 8260D - Volatile Organic Compounds by GC/MS

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1-Trichloroethane	0.0015	U	0.0015	0.00035	mg/Kg	☼	10/03/25 10:35	10/06/25 02:14	1
1,1,2,2-Tetrachloroethane	0.0015	U	0.0015	0.00078	mg/Kg	☼	10/03/25 10:35	10/06/25 02:14	1
1,1,2-Trichloro-1,2,2-trifluoroethane	0.0015	U	0.0015	0.00045	mg/Kg	☼	10/03/25 10:35	10/06/25 02:14	1
1,1,2-Trichloroethane	0.0015	U	0.0015	0.00090	mg/Kg	☼	10/03/25 10:35	10/06/25 02:14	1
1,1-Dichloroethane	0.0015	U	0.0015	0.00089	mg/Kg	☼	10/03/25 10:35	10/06/25 02:14	1
1,1-Dichloroethene	0.0015	U	0.0015	0.00034	mg/Kg	☼	10/03/25 10:35	10/06/25 02:14	1
1,2,3-Trichlorobenzene	0.0015	U	0.0015	0.0011	mg/Kg	☼	10/03/25 10:35	10/06/25 02:14	1
1,2,4-Trichlorobenzene	0.0015	U	0.0015	0.00054	mg/Kg	☼	10/03/25 10:35	10/06/25 02:14	1
1,2,4-Trimethylbenzene	0.0015	U	0.0015	0.00037	mg/Kg	☼	10/03/25 10:35	10/06/25 02:14	1
1,2-Dibromo-3-Chloropropane	0.0015	U	0.0015	0.00069	mg/Kg	☼	10/03/25 10:35	10/06/25 02:14	1
1,2-Dichlorobenzene	0.0015	U	0.0015	0.00054	mg/Kg	☼	10/03/25 10:35	10/06/25 02:14	1
1,2-Dichloroethane	0.0015	U	0.0015	0.00044	mg/Kg	☼	10/03/25 10:35	10/06/25 02:14	1
1,2-Dichloropropane	0.0015	U	0.0015	0.00063	mg/Kg	☼	10/03/25 10:35	10/06/25 02:14	1
1,3,5-Trimethylbenzene	0.0015	U	0.0015	0.00047	mg/Kg	☼	10/03/25 10:35	10/06/25 02:14	1
1,3-Dichlorobenzene	0.0015	U	0.0015	0.00055	mg/Kg	☼	10/03/25 10:35	10/06/25 02:14	1
1,4-Dichlorobenzene	0.0015	U	0.0015	0.00078	mg/Kg	☼	10/03/25 10:35	10/06/25 02:14	1
2-Butanone (MEK)	0.0075	U	0.0075	0.00055	mg/Kg	☼	10/03/25 10:35	10/06/25 02:14	1
2-Hexanone	0.0075	U	0.0075	0.0026	mg/Kg	☼	10/03/25 10:35	10/06/25 02:14	1
4-Methyl-2-pentanone (MIBK)	0.0075	U	0.0075	0.0023	mg/Kg	☼	10/03/25 10:35	10/06/25 02:14	1
Acetone	0.0090	U	0.0090	0.0086	mg/Kg	☼	10/03/25 10:35	10/06/25 02:14	1
Benzene	0.0015	U	0.0015	0.00085	mg/Kg	☼	10/03/25 10:35	10/06/25 02:14	1
Bromoform	0.0015	U	0.0015	0.00064	mg/Kg	☼	10/03/25 10:35	10/06/25 02:14	1
Bromomethane	0.0030	U	0.0030	0.0015	mg/Kg	☼	10/03/25 10:35	10/06/25 02:14	1

Client Sample ID: 56D2_1-2
Date Collected: 09/30/25 12:05
Date Received: 09/30/25 16:15

Lab Sample ID: 460-336081-58
Matrix: Solid
Percent Solids: 98.2

Method: SW846 8260D - Volatile Organic Compounds by GC/MS (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Carbon disulfide	0.0015	U	0.0015	0.00040	mg/Kg	☼	10/03/25 10:35	10/06/25 02:14	1
Carbon tetrachloride	0.0015	U	0.0015	0.00058	mg/Kg	☼	10/03/25 10:35	10/06/25 02:14	1
Chlorobenzene	0.0015	U	0.0015	0.00076	mg/Kg	☼	10/03/25 10:35	10/06/25 02:14	1
Chlorobromomethane	0.0015	U	0.0015	0.00089	mg/Kg	☼	10/03/25 10:35	10/06/25 02:14	1
Chlorodibromomethane	0.0015	U	0.0015	0.00080	mg/Kg	☼	10/03/25 10:35	10/06/25 02:14	1
Chloroethane	0.0015	U	0.0015	0.00078	mg/Kg	☼	10/03/25 10:35	10/06/25 02:14	1
Chloroform	0.0015	U	0.0015	0.0015	mg/Kg	☼	10/03/25 10:35	10/06/25 02:14	1
Chloromethane	0.0015	U	0.0015	0.00065	mg/Kg	☼	10/03/25 10:35	10/06/25 02:14	1
cis-1,2-Dichloroethene	0.0015	U	0.0015	0.00054	mg/Kg	☼	10/03/25 10:35	10/06/25 02:14	1
cis-1,3-Dichloropropene	0.0015	U	0.0015	0.00041	mg/Kg	☼	10/03/25 10:35	10/06/25 02:14	1
Cyclohexane	0.0015	U	0.0015	0.00033	mg/Kg	☼	10/03/25 10:35	10/06/25 02:14	1
Dichlorobromomethane	0.0015	U	0.0015	0.00039	mg/Kg	☼	10/03/25 10:35	10/06/25 02:14	1
Dichlorodifluoromethane	0.0015	U	0.0015	0.00051	mg/Kg	☼	10/03/25 10:35	10/06/25 02:14	1
Ethylbenzene	0.0015	U	0.0015	0.00070	mg/Kg	☼	10/03/25 10:35	10/06/25 02:14	1
Ethylene Dibromide	0.0015	U	0.0015	0.00076	mg/Kg	☼	10/03/25 10:35	10/06/25 02:14	1
Isopropylbenzene	0.0015	U	0.0015	0.00043	mg/Kg	☼	10/03/25 10:35	10/06/25 02:14	1
Methyl acetate	0.0075	U *	0.0075	0.0064	mg/Kg	☼	10/03/25 10:35	10/06/25 02:14	1
Methyl tert-butyl ether	0.0015	U	0.0015	0.00077	mg/Kg	☼	10/03/25 10:35	10/06/25 02:14	1
Methylcyclohexane	0.0015	U	0.0015	0.00075	mg/Kg	☼	10/03/25 10:35	10/06/25 02:14	1
Methylene Chloride	**0.0032**		0.0030	0.0017	mg/Kg	☼	10/03/25 10:35	10/06/25 02:14	1
m-Xylene & p-Xylene	0.0015	U	0.0015	0.00063	mg/Kg	☼	10/03/25 10:35	10/06/25 02:14	1
n-Butylbenzene	0.0015	U	0.0015	0.00044	mg/Kg	☼	10/03/25 10:35	10/06/25 02:14	1
N-Propylbenzene	0.0015	U	0.0015	0.00067	mg/Kg	☼	10/03/25 10:35	10/06/25 02:14	1
o-Xylene	0.0015	U	0.0015	0.00069	mg/Kg	☼	10/03/25 10:35	10/06/25 02:14	1
sec-Butylbenzene	0.0015	U	0.0015	0.00043	mg/Kg	☼	10/03/25 10:35	10/06/25 02:14	1
Styrene	0.0015	U	0.0015	0.00042	mg/Kg	☼	10/03/25 10:35	10/06/25 02:14	1
tert-Butylbenzene	0.0015	U	0.0015	0.00041	mg/Kg	☼	10/03/25 10:35	10/06/25 02:14	1
Tetrachloroethene	0.0015	U	0.0015	0.00046	mg/Kg	☼	10/03/25 10:35	10/06/25 02:14	1
Toluene	0.0015	U	0.0015	0.00035	mg/Kg	☼	10/03/25 10:35	10/06/25 02:14	1
trans-1,2-Dichloroethene	0.0015	U	0.0015	0.00037	mg/Kg	☼	10/03/25 10:35	10/06/25 02:14	1
trans-1,3-Dichloropropene	0.0015	U	0.0015	0.00040	mg/Kg	☼	10/03/25 10:35	10/06/25 02:14	1
Trichloroethene	0.0015	U	0.0015	0.00048	mg/Kg	☼	10/03/25 10:35	10/06/25 02:14	1
Trichlorofluoromethane	0.0015	U	0.0015	0.00061	mg/Kg	☼	10/03/25 10:35	10/06/25 02:14	1
Vinyl chloride	0.0015	U *	0.0015	0.00082	mg/Kg	☼	10/03/25 10:35	10/06/25 02:14	1
Xylenes, Total	0.0030	U	0.0030	0.00026	mg/Kg	☼	10/03/25 10:35	10/06/25 02:14	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,2-Dichloroethane-d4 (Surr)	*117*		*65 - 138*	*10/03/25 10:35*	*10/06/25 02:14*	*1*
4-Bromofluorobenzene	*89*		*71 - 128*	*10/03/25 10:35*	*10/06/25 02:14*	*1*
Dibromofluoromethane (Surr)	*110*		*50 - 150*	*10/03/25 10:35*	*10/06/25 02:14*	*1*
Toluene-d8 (Surr)	*100*		*71 - 126*	*10/03/25 10:35*	*10/06/25 02:14*	*1*

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Percent Moisture (EPA Moisture)	**1.8**		1.0	1.0	%			10/05/25 13:43	1
Percent Solids (EPA Moisture)	**98.2**		1.0	1.0	%			10/05/25 13:43	1

Client: Haley & Aldrich, Inc.
Project/Site: Former Port Mobil

Job ID: 460-336081-1

Client Sample ID: 56D3_2-3
Date Collected: 09/30/25 12:10
Date Received: 09/30/25 16:15

Lab Sample ID: 460-336081-59
Matrix: Solid
Percent Solids: 99.2

Method: SW846 8260D - Volatile Organic Compounds by GC/MS

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1-Trichloroethane	0.0012	U	0.0012	0.00027	mg/Kg	☼	10/03/25 10:35	10/06/25 02:38	1
1,1,2,2-Tetrachloroethane	0.0012	U	0.0012	0.00061	mg/Kg	☼	10/03/25 10:35	10/06/25 02:38	1
1,1,2-Trichloro-1,2,2-trifluoroethane	0.0012	U	0.0012	0.00035	mg/Kg	☼	10/03/25 10:35	10/06/25 02:38	1
1,1,2-Trichloroethane	0.0012	U	0.0012	0.00070	mg/Kg	☼	10/03/25 10:35	10/06/25 02:38	1
1,1-Dichloroethane	0.0012	U	0.0012	0.00070	mg/Kg	☼	10/03/25 10:35	10/06/25 02:38	1
1,1-Dichloroethene	0.0012	U	0.0012	0.00026	mg/Kg	☼	10/03/25 10:35	10/06/25 02:38	1
1,2,3-Trichlorobenzene	0.0012	U	0.0012	0.00086	mg/Kg	☼	10/03/25 10:35	10/06/25 02:38	1
1,2,4-Trichlorobenzene	0.0012	U	0.0012	0.00042	mg/Kg	☼	10/03/25 10:35	10/06/25 02:38	1
1,2,4-Trimethylbenzene	0.0012	U	0.0012	0.00029	mg/Kg	☼	10/03/25 10:35	10/06/25 02:38	1
1,2-Dibromo-3-Chloropropane	0.0012	U	0.0012	0.00054	mg/Kg	☼	10/03/25 10:35	10/06/25 02:38	1
1,2-Dichlorobenzene	0.0012	U	0.0012	0.00042	mg/Kg	☼	10/03/25 10:35	10/06/25 02:38	1
1,2-Dichloroethane	0.0012	U	0.0012	0.00035	mg/Kg	☼	10/03/25 10:35	10/06/25 02:38	1
1,2-Dichloropropane	0.0012	U	0.0012	0.00050	mg/Kg	☼	10/03/25 10:35	10/06/25 02:38	1
1,3,5-Trimethylbenzene	0.0012	U	0.0012	0.00037	mg/Kg	☼	10/03/25 10:35	10/06/25 02:38	1
1,3-Dichlorobenzene	0.0012	U	0.0012	0.00043	mg/Kg	☼	10/03/25 10:35	10/06/25 02:38	1
1,4-Dichlorobenzene	0.0012	U	0.0012	0.00061	mg/Kg	☼	10/03/25 10:35	10/06/25 02:38	1
2-Butanone (MEK)	0.0059	U	0.0059	0.00043	mg/Kg	☼	10/03/25 10:35	10/06/25 02:38	1
2-Hexanone	0.0059	U	0.0059	0.0020	mg/Kg	☼	10/03/25 10:35	10/06/25 02:38	1
4-Methyl-2-pentanone (MIBK)	0.0059	U	0.0059	0.0018	mg/Kg	☼	10/03/25 10:35	10/06/25 02:38	1
Acetone	0.0070	U	0.0070	0.0067	mg/Kg	☼	10/03/25 10:35	10/06/25 02:38	1
Benzene	0.0012	U	0.0012	0.00066	mg/Kg	☼	10/03/25 10:35	10/06/25 02:38	1
Bromoform	0.0012	U	0.0012	0.00050	mg/Kg	☼	10/03/25 10:35	10/06/25 02:38	1
Bromomethane	0.0023	U	0.0023	0.0012	mg/Kg	☼	10/03/25 10:35	10/06/25 02:38	1
Carbon disulfide	0.0012	U	0.0012	0.00031	mg/Kg	☼	10/03/25 10:35	10/06/25 02:38	1
Carbon tetrachloride	0.0012	U	0.0012	0.00045	mg/Kg	☼	10/03/25 10:35	10/06/25 02:38	1
Chlorobenzene	0.0012	U	0.0012	0.00059	mg/Kg	☼	10/03/25 10:35	10/06/25 02:38	1
Chlorobromomethane	0.0012	U	0.0012	0.00070	mg/Kg	☼	10/03/25 10:35	10/06/25 02:38	1
Chlorodibromomethane	0.0012	U	0.0012	0.00063	mg/Kg	☼	10/03/25 10:35	10/06/25 02:38	1
Chloroethane	0.0012	U	0.0012	0.00061	mg/Kg	☼	10/03/25 10:35	10/06/25 02:38	1
Chloroform	0.0012	U	0.0012	0.0011	mg/Kg	☼	10/03/25 10:35	10/06/25 02:38	1
Chloromethane	0.0012	U	0.0012	0.00051	mg/Kg	☼	10/03/25 10:35	10/06/25 02:38	1
cis-1,2-Dichloroethene	0.0012	U	0.0012	0.00042	mg/Kg	☼	10/03/25 10:35	10/06/25 02:38	1
cis-1,3-Dichloropropene	0.0012	U	0.0012	0.00032	mg/Kg	☼	10/03/25 10:35	10/06/25 02:38	1
Cyclohexane	0.0012	U	0.0012	0.00026	mg/Kg	☼	10/03/25 10:35	10/06/25 02:38	1
Dichlorobromomethane	0.0012	U	0.0012	0.00030	mg/Kg	☼	10/03/25 10:35	10/06/25 02:38	1
Dichlorodifluoromethane	0.0012	U	0.0012	0.00040	mg/Kg	☼	10/03/25 10:35	10/06/25 02:38	1
Ethylbenzene	0.0012	U	0.0012	0.00055	mg/Kg	☼	10/03/25 10:35	10/06/25 02:38	1
Ethylene Dibromide	0.0012	U	0.0012	0.00059	mg/Kg	☼	10/03/25 10:35	10/06/25 02:38	1
Isopropylbenzene	0.0012	U	0.0012	0.00033	mg/Kg	☼	10/03/25 10:35	10/06/25 02:38	1
Methyl acetate	0.0059	U *	0.0059	0.0050	mg/Kg	☼	10/03/25 10:35	10/06/25 02:38	1
Methyl tert-butyl ether	0.0012	U	0.0012	0.00060	mg/Kg	☼	10/03/25 10:35	10/06/25 02:38	1
Methylcyclohexane	0.0012	U	0.0012	0.00058	mg/Kg	☼	10/03/25 10:35	10/06/25 02:38	1
Methylene Chloride	**0.0046**		0.0023	0.0013	mg/Kg	☼	10/03/25 10:35	10/06/25 02:38	1
m-Xylene & p-Xylene	0.0012	U	0.0012	0.00050	mg/Kg	☼	10/03/25 10:35	10/06/25 02:38	1
n-Butylbenzene	0.0012	U	0.0012	0.00034	mg/Kg	☼	10/03/25 10:35	10/06/25 02:38	1
N-Propylbenzene	0.0012	U	0.0012	0.00053	mg/Kg	☼	10/03/25 10:35	10/06/25 02:38	1
o-Xylene	0.0012	U	0.0012	0.00054	mg/Kg	☼	10/03/25 10:35	10/06/25 02:38	1
sec-Butylbenzene	0.0012	U	0.0012	0.00034	mg/Kg	☼	10/03/25 10:35	10/06/25 02:38	1
Styrene	0.0012	U	0.0012	0.00033	mg/Kg	☼	10/03/25 10:35	10/06/25 02:38	1

Client Sample ID: 56D3_2-3

Lab Sample ID: 460-336081-59
Date Collected: 09/30/25 12:10
Matrix: Solid
Date Received: 09/30/25 16:15
Percent Solids: 99.2

Method: SW846 8260D - Volatile Organic Compounds by GC/MS (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
tert-Butylbenzene	0.0012	U	0.0012	0.00032	mg/Kg	☼	10/03/25 10:35	10/06/25 02:38	1
Tetrachloroethene	0.0012	U	0.0012	0.00036	mg/Kg	☼	10/03/25 10:35	10/06/25 02:38	1
Toluene	0.0012	U	0.0012	0.00027	mg/Kg	☼	10/03/25 10:35	10/06/25 02:38	1
trans-1,2-Dichloroethene	0.0012	U	0.0012	0.00029	mg/Kg	☼	10/03/25 10:35	10/06/25 02:38	1
trans-1,3-Dichloropropene	0.0012	U	0.0012	0.00031	mg/Kg	☼	10/03/25 10:35	10/06/25 02:38	1
Trichloroethene	0.0012	U	0.0012	0.00038	mg/Kg	☼	10/03/25 10:35	10/06/25 02:38	1
Trichlorofluoromethane	0.0012	U	0.0012	0.00048	mg/Kg	☼	10/03/25 10:35	10/06/25 02:38	1
Vinyl chloride	0.0012	U *	0.0012	0.00064	mg/Kg	☼	10/03/25 10:35	10/06/25 02:38	1
Xylenes, Total	0.0023	U	0.0023	0.00020	mg/Kg	☼	10/03/25 10:35	10/06/25 02:38	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,2-Dichloroethane-d4 (Surr)	*119*		*65 - 138*	*10/03/25 10:35*	*10/06/25 02:38*	*1*
4-Bromofluorobenzene	*89*		*71 - 128*	*10/03/25 10:35*	*10/06/25 02:38*	*1*
Dibromofluoromethane (Surr)	*110*		*50 - 150*	*10/03/25 10:35*	*10/06/25 02:38*	*1*
Toluene-d8 (Surr)	*97*		*71 - 126*	*10/03/25 10:35*	*10/06/25 02:38*	*1*

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Percent Moisture (EPA Moisture)	1.0	U	1.0	1.0	%			10/05/25 13:43	1
Percent Solids (EPA Moisture)	**99.2**		1.0	1.0	%			10/05/25 13:43	1

Client Sample ID: 56D1_3-4

Lab Sample ID: 460-336081-60
Date Collected: 09/30/25 12:15
Matrix: Solid
Date Received: 09/30/25 16:15
Percent Solids: 97.1

Method: SW846 8260D - Volatile Organic Compounds by GC/MS

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1-Trichloroethane	0.0012	U	0.0012	0.00028	mg/Kg	☼	10/03/25 10:35	10/06/25 03:02	1
1,1,2,2-Tetrachloroethane	0.0012	U	0.0012	0.00062	mg/Kg	☼	10/03/25 10:35	10/06/25 03:02	1
1,1,2-Trichloro-1,2,2-trifluoroethane	0.0012	U	0.0012	0.00036	mg/Kg	☼	10/03/25 10:35	10/06/25 03:02	1
1,1,2-Trichloroethane	0.0012	U	0.0012	0.00071	mg/Kg	☼	10/03/25 10:35	10/06/25 03:02	1
1,1-Dichloroethane	0.0012	U	0.0012	0.00071	mg/Kg	☼	10/03/25 10:35	10/06/25 03:02	1
1,1-Dichloroethene	0.0012	U	0.0012	0.00027	mg/Kg	☼	10/03/25 10:35	10/06/25 03:02	1
1,2,3-Trichlorobenzene	0.0012	U	0.0012	0.00088	mg/Kg	☼	10/03/25 10:35	10/06/25 03:02	1
1,2,4-Trichlorobenzene	0.0012	U	0.0012	0.00042	mg/Kg	☼	10/03/25 10:35	10/06/25 03:02	1
1,2,4-Trimethylbenzene	0.0012	U	0.0012	0.00029	mg/Kg	☼	10/03/25 10:35	10/06/25 03:02	1
1,2-Dibromo-3-Chloropropane	0.0012	U	0.0012	0.00055	mg/Kg	☼	10/03/25 10:35	10/06/25 03:02	1
1,2-Dichlorobenzene	0.0012	U	0.0012	0.00043	mg/Kg	☼	10/03/25 10:35	10/06/25 03:02	1
1,2-Dichloroethane	0.0012	U	0.0012	0.00035	mg/Kg	☼	10/03/25 10:35	10/06/25 03:02	1
1,2-Dichloropropane	0.0012	U	0.0012	0.00050	mg/Kg	☼	10/03/25 10:35	10/06/25 03:02	1
1,3,5-Trimethylbenzene	0.0012	U	0.0012	0.00037	mg/Kg	☼	10/03/25 10:35	10/06/25 03:02	1
1,3-Dichlorobenzene	0.0012	U	0.0012	0.00043	mg/Kg	☼	10/03/25 10:35	10/06/25 03:02	1
1,4-Dichlorobenzene	0.0012	U	0.0012	0.00062	mg/Kg	☼	10/03/25 10:35	10/06/25 03:02	1
2-Butanone (MEK)	0.0059	U	0.0059	0.00044	mg/Kg	☼	10/03/25 10:35	10/06/25 03:02	1
2-Hexanone	0.0059	U	0.0059	0.0020	mg/Kg	☼	10/03/25 10:35	10/06/25 03:02	1
4-Methyl-2-pentanone (MIBK)	0.0059	U	0.0059	0.0018	mg/Kg	☼	10/03/25 10:35	10/06/25 03:02	1
Acetone	0.0071	U	0.0071	0.0068	mg/Kg	☼	10/03/25 10:35	10/06/25 03:02	1
Benzene	0.0012	U	0.0012	0.00067	mg/Kg	☼	10/03/25 10:35	10/06/25 03:02	1
Bromoform	0.0012	U	0.0012	0.00050	mg/Kg	☼	10/03/25 10:35	10/06/25 03:02	1
Bromomethane	0.0024	U	0.0024	0.0012	mg/Kg	☼	10/03/25 10:35	10/06/25 03:02	1

Client Sample ID: 56D1_3-4
Date Collected: 09/30/25 12:15
Date Received: 09/30/25 16:15

Lab Sample ID: 460-336081-60
Matrix: Solid
Percent Solids: 97.1

Method: SW846 8260D - Volatile Organic Compounds by GC/MS (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Carbon disulfide	0.0012	U	0.0012	0.00032	mg/Kg	☼	10/03/25 10:35	10/06/25 03:02	1
Carbon tetrachloride	0.0012	U	0.0012	0.00046	mg/Kg	☼	10/03/25 10:35	10/06/25 03:02	1
Chlorobenzene	0.0012	U	0.0012	0.00060	mg/Kg	☼	10/03/25 10:35	10/06/25 03:02	1
Chlorobromomethane	0.0012	U	0.0012	0.00071	mg/Kg	☼	10/03/25 10:35	10/06/25 03:02	1
Chlorodibromomethane	0.0012	U	0.0012	0.00064	mg/Kg	☼	10/03/25 10:35	10/06/25 03:02	1
Chloroethane	0.0012	U	0.0012	0.00062	mg/Kg	☼	10/03/25 10:35	10/06/25 03:02	1
Chloroform	0.0012	U	0.0012	0.0012	mg/Kg	☼	10/03/25 10:35	10/06/25 03:02	1
Chloromethane	0.0012	U	0.0012	0.00052	mg/Kg	☼	10/03/25 10:35	10/06/25 03:02	1
cis-1,2-Dichloroethene	0.0012	U	0.0012	0.00042	mg/Kg	☼	10/03/25 10:35	10/06/25 03:02	1
cis-1,3-Dichloropropene	0.0012	U	0.0012	0.00032	mg/Kg	☼	10/03/25 10:35	10/06/25 03:02	1
Cyclohexane	0.0012	U	0.0012	0.00026	mg/Kg	☼	10/03/25 10:35	10/06/25 03:02	1
Dichlorobromomethane	0.0012	U	0.0012	0.00031	mg/Kg	☼	10/03/25 10:35	10/06/25 03:02	1
Dichlorodifluoromethane	0.0012	U	0.0012	0.00040	mg/Kg	☼	10/03/25 10:35	10/06/25 03:02	1
Ethylbenzene	0.0012	U	0.0012	0.00056	mg/Kg	☼	10/03/25 10:35	10/06/25 03:02	1
Ethylene Dibromide	0.0012	U	0.0012	0.00060	mg/Kg	☼	10/03/25 10:35	10/06/25 03:02	1
Isopropylbenzene	0.0012	U	0.0012	0.00034	mg/Kg	☼	10/03/25 10:35	10/06/25 03:02	1
Methyl acetate	0.0059	U *	0.0059	0.0051	mg/Kg	☼	10/03/25 10:35	10/06/25 03:02	1
Methyl tert-butyl ether	0.0012	U	0.0012	0.00061	mg/Kg	☼	10/03/25 10:35	10/06/25 03:02	1
Methylcyclohexane	0.0012	U	0.0012	0.00059	mg/Kg	☼	10/03/25 10:35	10/06/25 03:02	1
Methylene Chloride	**0.0061**		0.0024	0.0014	mg/Kg	☼	10/03/25 10:35	10/06/25 03:02	1
m-Xylene & p-Xylene	0.0012	U	0.0012	0.00050	mg/Kg	☼	10/03/25 10:35	10/06/25 03:02	1
n-Butylbenzene	0.0012	U	0.0012	0.00035	mg/Kg	☼	10/03/25 10:35	10/06/25 03:02	1
N-Propylbenzene	0.0012	U	0.0012	0.00053	mg/Kg	☼	10/03/25 10:35	10/06/25 03:02	1
o-Xylene	0.0012	U	0.0012	0.00055	mg/Kg	☼	10/03/25 10:35	10/06/25 03:02	1
sec-Butylbenzene	0.0012	U	0.0012	0.00034	mg/Kg	☼	10/03/25 10:35	10/06/25 03:02	1
Styrene	0.0012	U	0.0012	0.00033	mg/Kg	☼	10/03/25 10:35	10/06/25 03:02	1
tert-Butylbenzene	0.0012	U	0.0012	0.00033	mg/Kg	☼	10/03/25 10:35	10/06/25 03:02	1
Tetrachloroethene	0.0012	U	0.0012	0.00036	mg/Kg	☼	10/03/25 10:35	10/06/25 03:02	1
Toluene	0.0012	U	0.0012	0.00028	mg/Kg	☼	10/03/25 10:35	10/06/25 03:02	1
trans-1,2-Dichloroethene	0.0012	U	0.0012	0.00029	mg/Kg	☼	10/03/25 10:35	10/06/25 03:02	1
trans-1,3-Dichloropropene	0.0012	U	0.0012	0.00032	mg/Kg	☼	10/03/25 10:35	10/06/25 03:02	1
Trichloroethene	0.0012	U	0.0012	0.00038	mg/Kg	☼	10/03/25 10:35	10/06/25 03:02	1
Trichlorofluoromethane	0.0012	U	0.0012	0.00048	mg/Kg	☼	10/03/25 10:35	10/06/25 03:02	1
Vinyl chloride	0.0012	U *	0.0012	0.00065	mg/Kg	☼	10/03/25 10:35	10/06/25 03:02	1
Xylenes, Total	0.0024	U	0.0024	0.00021	mg/Kg	☼	10/03/25 10:35	10/06/25 03:02	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,2-Dichloroethane-d4 (Surr)	*114*		*65 - 138*	*10/03/25 10:35*	*10/06/25 03:02*	*1*
4-Bromofluorobenzene	*88*		*71 - 128*	*10/03/25 10:35*	*10/06/25 03:02*	*1*
Dibromofluoromethane (Surr)	*106*		*50 - 150*	*10/03/25 10:35*	*10/06/25 03:02*	*1*
Toluene-d8 (Surr)	*98*		*71 - 126*	*10/03/25 10:35*	*10/06/25 03:02*	*1*

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Percent Moisture (EPA Moisture)	**2.9**		1.0	1.0	%			10/05/25 13:43	1
Percent Solids (EPA Moisture)	**97.1**		1.0	1.0	%			10/05/25 13:43	1

Client: Haley & Aldrich, Inc.
Project/Site: Former Port Mobil

Job ID: 460-336081-1

Client Sample ID: 56D2_4-5
Date Collected: 09/30/25 12:20
Date Received: 09/30/25 16:15

Lab Sample ID: 460-336081-61
Matrix: Solid
Percent Solids: 94.9

Method: SW846 8260D - Volatile Organic Compounds by GC/MS

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1-Trichloroethane	0.0012	U	0.0012	0.00028	mg/Kg	☼	10/03/25 10:36	10/06/25 03:26	1
1,1,2,2-Tetrachloroethane	0.0012	U	0.0012	0.00064	mg/Kg	☼	10/03/25 10:36	10/06/25 03:26	1
1,1,2-Trichloro-1,2,2-trifluoroethane	0.0012	U	0.0012	0.00037	mg/Kg	☼	10/03/25 10:36	10/06/25 03:26	1
1,1,2-Trichloroethane	0.0012	U	0.0012	0.00073	mg/Kg	☼	10/03/25 10:36	10/06/25 03:26	1
1,1-Dichloroethane	0.0012	U	0.0012	0.00073	mg/Kg	☼	10/03/25 10:36	10/06/25 03:26	1
1,1-Dichloroethene	0.0012	U	0.0012	0.00027	mg/Kg	☼	10/03/25 10:36	10/06/25 03:26	1
1,2,3-Trichlorobenzene	0.0012	U	0.0012	0.00090	mg/Kg	☼	10/03/25 10:36	10/06/25 03:26	1
1,2,4-Trichlorobenzene	0.0012	U	0.0012	0.00044	mg/Kg	☼	10/03/25 10:36	10/06/25 03:26	1
1,2,4-Trimethylbenzene	0.0012	U	0.0012	0.00030	mg/Kg	☼	10/03/25 10:36	10/06/25 03:26	1
1,2-Dibromo-3-Chloropropane	0.0012	U	0.0012	0.00056	mg/Kg	☼	10/03/25 10:36	10/06/25 03:26	1
1,2-Dichlorobenzene	0.0012	U	0.0012	0.00044	mg/Kg	☼	10/03/25 10:36	10/06/25 03:26	1
1,2-Dichloroethane	0.0012	U	0.0012	0.00036	mg/Kg	☼	10/03/25 10:36	10/06/25 03:26	1
1,2-Dichloropropane	0.0012	U	0.0012	0.00052	mg/Kg	☼	10/03/25 10:36	10/06/25 03:26	1
1,3,5-Trimethylbenzene	0.0012	U	0.0012	0.00038	mg/Kg	☼	10/03/25 10:36	10/06/25 03:26	1
1,3-Dichlorobenzene	0.0012	U	0.0012	0.00044	mg/Kg	☼	10/03/25 10:36	10/06/25 03:26	1
1,4-Dichlorobenzene	0.0012	U	0.0012	0.00063	mg/Kg	☼	10/03/25 10:36	10/06/25 03:26	1
2-Butanone (MEK)	0.0061	U	0.0061	0.00045	mg/Kg	☼	10/03/25 10:36	10/06/25 03:26	1
2-Hexanone	0.0061	U	0.0061	0.0021	mg/Kg	☼	10/03/25 10:36	10/06/25 03:26	1
4-Methyl-2-pentanone (MIBK)	0.0061	U	0.0061	0.0019	mg/Kg	☼	10/03/25 10:36	10/06/25 03:26	1
Acetone	0.0073	U	0.0073	0.0070	mg/Kg	☼	10/03/25 10:36	10/06/25 03:26	1
Benzene	0.0012	U	0.0012	0.00069	mg/Kg	☼	10/03/25 10:36	10/06/25 03:26	1
Bromoform	0.0012	U	0.0012	0.00052	mg/Kg	☼	10/03/25 10:36	10/06/25 03:26	1
Bromomethane	0.0024	U	0.0024	0.0012	mg/Kg	☼	10/03/25 10:36	10/06/25 03:26	1
Carbon disulfide	0.0012	U	0.0012	0.00032	mg/Kg	☼	10/03/25 10:36	10/06/25 03:26	1
Carbon tetrachloride	0.0012	U	0.0012	0.00047	mg/Kg	☼	10/03/25 10:36	10/06/25 03:26	1
Chlorobenzene	0.0012	U	0.0012	0.00062	mg/Kg	☼	10/03/25 10:36	10/06/25 03:26	1
Chlorobromomethane	0.0012	U	0.0012	0.00073	mg/Kg	☼	10/03/25 10:36	10/06/25 03:26	1
Chlorodibromomethane	0.0012	U	0.0012	0.00065	mg/Kg	☼	10/03/25 10:36	10/06/25 03:26	1
Chloroethane	0.0012	U	0.0012	0.00064	mg/Kg	☼	10/03/25 10:36	10/06/25 03:26	1
Chloroform	0.0012	U	0.0012	0.0012	mg/Kg	☼	10/03/25 10:36	10/06/25 03:26	1
Chloromethane	0.0012	U	0.0012	0.00053	mg/Kg	☼	10/03/25 10:36	10/06/25 03:26	1
cis-1,2-Dichloroethene	0.0012	U	0.0012	0.00044	mg/Kg	☼	10/03/25 10:36	10/06/25 03:26	1
cis-1,3-Dichloropropene	0.0012	U	0.0012	0.00033	mg/Kg	☼	10/03/25 10:36	10/06/25 03:26	1
Cyclohexane	0.0012	U	0.0012	0.00027	mg/Kg	☼	10/03/25 10:36	10/06/25 03:26	1
Dichlorobromomethane	0.0012	U	0.0012	0.00031	mg/Kg	☼	10/03/25 10:36	10/06/25 03:26	1
Dichlorodifluoromethane	0.0012	U	0.0012	0.00041	mg/Kg	☼	10/03/25 10:36	10/06/25 03:26	1
Ethylbenzene	0.0012	U	0.0012	0.00057	mg/Kg	☼	10/03/25 10:36	10/06/25 03:26	1
Ethylene Dibromide	0.0012	U	0.0012	0.00061	mg/Kg	☼	10/03/25 10:36	10/06/25 03:26	1
Isopropylbenzene	0.0012	U	0.0012	0.00035	mg/Kg	☼	10/03/25 10:36	10/06/25 03:26	1
Methyl acetate	0.0061	U *	0.0061	0.0052	mg/Kg	☼	10/03/25 10:36	10/06/25 03:26	1
Methyl tert-butyl ether	0.0012	U	0.0012	0.00062	mg/Kg	☼	10/03/25 10:36	10/06/25 03:26	1
Methylcyclohexane	0.0012	U	0.0012	0.00061	mg/Kg	☼	10/03/25 10:36	10/06/25 03:26	1
Methylene Chloride	**0.0023**	**J**	0.0024	0.0014	mg/Kg	☼	10/03/25 10:36	10/06/25 03:26	1
m-Xylene & p-Xylene	0.0012	U	0.0012	0.00052	mg/Kg	☼	10/03/25 10:36	10/06/25 03:26	1
n-Butylbenzene	0.0012	U	0.0012	0.00036	mg/Kg	☼	10/03/25 10:36	10/06/25 03:26	1
N-Propylbenzene	0.0012	U	0.0012	0.00055	mg/Kg	☼	10/03/25 10:36	10/06/25 03:26	1
o-Xylene	0.0012	U	0.0012	0.00056	mg/Kg	☼	10/03/25 10:36	10/06/25 03:26	1
sec-Butylbenzene	0.0012	U	0.0012	0.00035	mg/Kg	☼	10/03/25 10:36	10/06/25 03:26	1
Styrene	0.0012	U	0.0012	0.00034	mg/Kg	☼	10/03/25 10:36	10/06/25 03:26	1

Client Sample ID: 56D2_4-5

Lab Sample ID: 460-336081-61

Date Collected: 09/30/25 12:20
Matrix: Solid
Date Received: 09/30/25 16:15
Percent Solids: 94.9

Method: SW846 8260D - Volatile Organic Compounds by GC/MS (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
tert-Butylbenzene	0.0012	U	0.0012	0.00034	mg/Kg	☼	10/03/25 10:36	10/06/25 03:26	1
Tetrachloroethene	0.0012	U	0.0012	0.00037	mg/Kg	☼	10/03/25 10:36	10/06/25 03:26	1
Toluene	0.0012	U	0.0012	0.00029	mg/Kg	☼	10/03/25 10:36	10/06/25 03:26	1
trans-1,2-Dichloroethene	0.0012	U	0.0012	0.00030	mg/Kg	☼	10/03/25 10:36	10/06/25 03:26	1
trans-1,3-Dichloropropene	0.0012	U	0.0012	0.00032	mg/Kg	☼	10/03/25 10:36	10/06/25 03:26	1
Trichloroethene	0.0012	U	0.0012	0.00039	mg/Kg	☼	10/03/25 10:36	10/06/25 03:26	1
Trichlorofluoromethane	0.0012	U	0.0012	0.00049	mg/Kg	☼	10/03/25 10:36	10/06/25 03:26	1
Vinyl chloride	0.0012	U *	0.0012	0.00067	mg/Kg	☼	10/03/25 10:36	10/06/25 03:26	1
Xylenes, Total	0.0024	U	0.0024	0.00021	mg/Kg	☼	10/03/25 10:36	10/06/25 03:26	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,2-Dichloroethane-d4 (Surr)	*114*		*65 - 138*	*10/03/25 10:36*	*10/06/25 03:26*	*1*
4-Bromofluorobenzene	*89*		*71 - 128*	*10/03/25 10:36*	*10/06/25 03:26*	*1*
Dibromofluoromethane (Surr)	*108*		*50 - 150*	*10/03/25 10:36*	*10/06/25 03:26*	*1*
Toluene-d8 (Surr)	*96*		*71 - 126*	*10/03/25 10:36*	*10/06/25 03:26*	*1*

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Percent Moisture (EPA Moisture)	**5.1**		1.0	1.0	%			10/05/25 13:43	1
Percent Solids (EPA Moisture)	**94.9**		1.0	1.0	%			10/05/25 13:43	1

Client Sample ID: 56D3_4-5

Lab Sample ID: 460-336081-62

Date Collected: 09/30/25 12:25
Matrix: Solid
Date Received: 09/30/25 16:15
Percent Solids: 99.1

Method: SW846 8260D - Volatile Organic Compounds by GC/MS

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1-Trichloroethane	0.0012	U	0.0012	0.00028	mg/Kg	☼	10/03/25 10:36	10/06/25 03:49	1
1,1,2,2-Tetrachloroethane	0.0012	U	0.0012	0.00063	mg/Kg	☼	10/03/25 10:36	10/06/25 03:49	1
1,1,2-Trichloro-1,2,2-trifluoroethane	0.0012	U	0.0012	0.00037	mg/Kg	☼	10/03/25 10:36	10/06/25 03:49	1
1,1,2-Trichloroethane	0.0012	U	0.0012	0.00073	mg/Kg	☼	10/03/25 10:36	10/06/25 03:49	1
1,1-Dichloroethane	0.0012	U	0.0012	0.00072	mg/Kg	☼	10/03/25 10:36	10/06/25 03:49	1
1,1-Dichloroethene	0.0012	U	0.0012	0.00027	mg/Kg	☼	10/03/25 10:36	10/06/25 03:49	1
1,2,3-Trichlorobenzene	0.0012	U	0.0012	0.00090	mg/Kg	☼	10/03/25 10:36	10/06/25 03:49	1
1,2,4-Trichlorobenzene	0.0012	U	0.0012	0.00043	mg/Kg	☼	10/03/25 10:36	10/06/25 03:49	1
1,2,4-Trimethylbenzene	0.0012	U	0.0012	0.00030	mg/Kg	☼	10/03/25 10:36	10/06/25 03:49	1
1,2-Dibromo-3-Chloropropane	0.0012	U	0.0012	0.00056	mg/Kg	☼	10/03/25 10:36	10/06/25 03:49	1
1,2-Dichlorobenzene	0.0012	U	0.0012	0.00044	mg/Kg	☼	10/03/25 10:36	10/06/25 03:49	1
1,2-Dichloroethane	0.0012	U	0.0012	0.00036	mg/Kg	☼	10/03/25 10:36	10/06/25 03:49	1
1,2-Dichloropropane	0.0012	U	0.0012	0.00051	mg/Kg	☼	10/03/25 10:36	10/06/25 03:49	1
1,3,5-Trimethylbenzene	0.0012	U	0.0012	0.00038	mg/Kg	☼	10/03/25 10:36	10/06/25 03:49	1
1,3-Dichlorobenzene	0.0012	U	0.0012	0.00044	mg/Kg	☼	10/03/25 10:36	10/06/25 03:49	1
1,4-Dichlorobenzene	0.0012	U	0.0012	0.00063	mg/Kg	☼	10/03/25 10:36	10/06/25 03:49	1
2-Butanone (MEK)	0.0061	U	0.0061	0.00045	mg/Kg	☼	10/03/25 10:36	10/06/25 03:49	1
2-Hexanone	0.0061	U	0.0061	0.0021	mg/Kg	☼	10/03/25 10:36	10/06/25 03:49	1
4-Methyl-2-pentanone (MIBK)	0.0061	U	0.0061	0.0019	mg/Kg	☼	10/03/25 10:36	10/06/25 03:49	1
Acetone	0.0073	U	0.0073	0.0069	mg/Kg	☼	10/03/25 10:36	10/06/25 03:49	1
Benzene	0.0012	U	0.0012	0.00069	mg/Kg	☼	10/03/25 10:36	10/06/25 03:49	1
Bromoform	0.0012	U	0.0012	0.00052	mg/Kg	☼	10/03/25 10:36	10/06/25 03:49	1
Bromomethane	0.0024	U	0.0024	0.0012	mg/Kg	☼	10/03/25 10:36	10/06/25 03:49	1

Client Sample ID: 56D3_4-5
Date Collected: 09/30/25 12:25
Date Received: 09/30/25 16:15

Lab Sample ID: 460-336081-62
Matrix: Solid
Percent Solids: 99.1

Method: SW846 8260D - Volatile Organic Compounds by GC/MS (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Carbon disulfide	0.0012	U	0.0012	0.00032	mg/Kg	☼	10/03/25 10:36	10/06/25 03:49	1
Carbon tetrachloride	0.0012	U	0.0012	0.00047	mg/Kg	☼	10/03/25 10:36	10/06/25 03:49	1
Chlorobenzene	0.0012	U	0.0012	0.00062	mg/Kg	☼	10/03/25 10:36	10/06/25 03:49	1
Chlorobromomethane	0.0012	U	0.0012	0.00072	mg/Kg	☼	10/03/25 10:36	10/06/25 03:49	1
Chlorodibromomethane	0.0012	U	0.0012	0.00065	mg/Kg	☼	10/03/25 10:36	10/06/25 03:49	1
Chloroethane	0.0012	U	0.0012	0.00063	mg/Kg	☼	10/03/25 10:36	10/06/25 03:49	1
Chloroform	0.0012	U	0.0012	0.0012	mg/Kg	☼	10/03/25 10:36	10/06/25 03:49	1
Chloromethane	0.0012	U	0.0012	0.00053	mg/Kg	☼	10/03/25 10:36	10/06/25 03:49	1
cis-1,2-Dichloroethene	0.0012	U	0.0012	0.00043	mg/Kg	☼	10/03/25 10:36	10/06/25 03:49	1
cis-1,3-Dichloropropene	0.0012	U	0.0012	0.00033	mg/Kg	☼	10/03/25 10:36	10/06/25 03:49	1
Cyclohexane	0.0012	U	0.0012	0.00027	mg/Kg	☼	10/03/25 10:36	10/06/25 03:49	1
Dichlorobromomethane	0.0012	U	0.0012	0.00031	mg/Kg	☼	10/03/25 10:36	10/06/25 03:49	1
Dichlorodifluoromethane	0.0012	U	0.0012	0.00041	mg/Kg	☼	10/03/25 10:36	10/06/25 03:49	1
Ethylbenzene	0.0012	U	0.0012	0.00057	mg/Kg	☼	10/03/25 10:36	10/06/25 03:49	1
Ethylene Dibromide	0.0012	U	0.0012	0.00061	mg/Kg	☼	10/03/25 10:36	10/06/25 03:49	1
Isopropylbenzene	0.0012	U	0.0012	0.00035	mg/Kg	☼	10/03/25 10:36	10/06/25 03:49	1
Methyl acetate	0.0061	U *	0.0061	0.0052	mg/Kg	☼	10/03/25 10:36	10/06/25 03:49	1
Methyl tert-butyl ether	0.0012	U	0.0012	0.00062	mg/Kg	☼	10/03/25 10:36	10/06/25 03:49	1
Methylcyclohexane	0.0012	U	0.0012	0.00061	mg/Kg	☼	10/03/25 10:36	10/06/25 03:49	1
Methylene Chloride	**0.0042**		0.0024	0.0014	mg/Kg	☼	10/03/25 10:36	10/06/25 03:49	1
m-Xylene & p-Xylene	0.0012	U	0.0012	0.00051	mg/Kg	☼	10/03/25 10:36	10/06/25 03:49	1
n-Butylbenzene	0.0012	U	0.0012	0.00036	mg/Kg	☼	10/03/25 10:36	10/06/25 03:49	1
N-Propylbenzene	0.0012	U	0.0012	0.00055	mg/Kg	☼	10/03/25 10:36	10/06/25 03:49	1
o-Xylene	0.0012	U	0.0012	0.00056	mg/Kg	☼	10/03/25 10:36	10/06/25 03:49	1
sec-Butylbenzene	0.0012	U	0.0012	0.00035	mg/Kg	☼	10/03/25 10:36	10/06/25 03:49	1
Styrene	0.0012	U	0.0012	0.00034	mg/Kg	☼	10/03/25 10:36	10/06/25 03:49	1
tert-Butylbenzene	0.0012	U	0.0012	0.00034	mg/Kg	☼	10/03/25 10:36	10/06/25 03:49	1
Tetrachloroethene	0.0012	U	0.0012	0.00037	mg/Kg	☼	10/03/25 10:36	10/06/25 03:49	1
Toluene	0.0012	U	0.0012	0.00028	mg/Kg	☼	10/03/25 10:36	10/06/25 03:49	1
trans-1,2-Dichloroethene	0.0012	U	0.0012	0.00030	mg/Kg	☼	10/03/25 10:36	10/06/25 03:49	1
trans-1,3-Dichloropropene	0.0012	U	0.0012	0.00032	mg/Kg	☼	10/03/25 10:36	10/06/25 03:49	1
Trichloroethene	0.0012	U	0.0012	0.00039	mg/Kg	☼	10/03/25 10:36	10/06/25 03:49	1
Trichlorofluoromethane	0.0012	U	0.0012	0.00049	mg/Kg	☼	10/03/25 10:36	10/06/25 03:49	1
Vinyl chloride	0.0012	U *	0.0012	0.00066	mg/Kg	☼	10/03/25 10:36	10/06/25 03:49	1
Xylenes, Total	0.0024	U	0.0024	0.00021	mg/Kg	☼	10/03/25 10:36	10/06/25 03:49	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,2-Dichloroethane-d4 (Surr)	*120*		*65 - 138*	*10/03/25 10:36*	*10/06/25 03:49*	*1*
4-Bromofluorobenzene	*88*		*71 - 128*	*10/03/25 10:36*	*10/06/25 03:49*	*1*
Dibromofluoromethane (Surr)	*109*		*50 - 150*	*10/03/25 10:36*	*10/06/25 03:49*	*1*
Toluene-d8 (Surr)	*99*		*71 - 126*	*10/03/25 10:36*	*10/06/25 03:49*	*1*

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Percent Moisture (EPA Moisture)	1.0	U	1.0	1.0	%			10/05/25 13:43	1
Percent Solids (EPA Moisture)	**99.1**		1.0	1.0	%			10/05/25 13:43	1

Client: Haley & Aldrich, Inc.
Project/Site: Former Port Mobil

Job ID: 460-336081-1

Client Sample ID: 56D1_5-6
Date Collected: 09/30/25 12:30
Date Received: 09/30/25 16:15

Lab Sample ID: 460-336081-63
Matrix: Solid
Percent Solids: 92.6

Method: SW846 8260D - Volatile Organic Compounds by GC/MS

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1-Trichloroethane	0.00074	U	0.00074	0.00017	mg/Kg	☼	10/03/25 10:36	10/06/25 13:43	1
1,1,2,2-Tetrachloroethane	0.00074	U	0.00074	0.00038	mg/Kg	☼	10/03/25 10:36	10/06/25 13:43	1
1,1,2-Trichloro-1,2,2-trifluoroethane	0.00074	U	0.00074	0.00022	mg/Kg	☼	10/03/25 10:36	10/06/25 13:43	1
1,1,2-Trichloroethane	0.00074	U	0.00074	0.00044	mg/Kg	☼	10/03/25 10:36	10/06/25 13:43	1
1,1-Dichloroethane	0.00074	U	0.00074	0.00044	mg/Kg	☼	10/03/25 10:36	10/06/25 13:43	1
1,1-Dichloroethene	0.00074	U	0.00074	0.00017	mg/Kg	☼	10/03/25 10:36	10/06/25 13:43	1
1,2,3-Trichlorobenzene	0.00074	U	0.00074	0.00054	mg/Kg	☼	10/03/25 10:36	10/06/25 13:43	1
1,2,4-Trichlorobenzene	0.00074	U	0.00074	0.00026	mg/Kg	☼	10/03/25 10:36	10/06/25 13:43	1
1,2,4-Trimethylbenzene	0.00074	U	0.00074	0.00018	mg/Kg	☼	10/03/25 10:36	10/06/25 13:43	1
1,2-Dibromo-3-Chloropropane	0.00074	U	0.00074	0.00034	mg/Kg	☼	10/03/25 10:36	10/06/25 13:43	1
1,2-Dichlorobenzene	0.00074	U	0.00074	0.00027	mg/Kg	☼	10/03/25 10:36	10/06/25 13:43	1
1,2-Dichloroethane	0.00074	U	0.00074	0.00022	mg/Kg	☼	10/03/25 10:36	10/06/25 13:43	1
1,2-Dichloropropane	0.00074	U	0.00074	0.00031	mg/Kg	☼	10/03/25 10:36	10/06/25 13:43	1
1,3,5-Trimethylbenzene	0.00074	U	0.00074	0.00023	mg/Kg	☼	10/03/25 10:36	10/06/25 13:43	1
1,3-Dichlorobenzene	0.00074	U	0.00074	0.00027	mg/Kg	☼	10/03/25 10:36	10/06/25 13:43	1
1,4-Dichlorobenzene	0.00074	U	0.00074	0.00038	mg/Kg	☼	10/03/25 10:36	10/06/25 13:43	1
2-Butanone (MEK)	0.0037	U	0.0037	0.00027	mg/Kg	☼	10/03/25 10:36	10/06/25 13:43	1
2-Hexanone	0.0037	U	0.0037	0.0013	mg/Kg	☼	10/03/25 10:36	10/06/25 13:43	1
4-Methyl-2-pentanone (MIBK)	0.0037	U	0.0037	0.0011	mg/Kg	☼	10/03/25 10:36	10/06/25 13:43	1
Acetone	0.0044	U	0.0044	0.0042	mg/Kg	☼	10/03/25 10:36	10/06/25 13:43	1
Benzene	0.00074	U	0.00074	0.00042	mg/Kg	☼	10/03/25 10:36	10/06/25 13:43	1
Bromoform	0.00074	U	0.00074	0.00031	mg/Kg	☼	10/03/25 10:36	10/06/25 13:43	1
Bromomethane	0.0015	U	0.0015	0.00074	mg/Kg	☼	10/03/25 10:36	10/06/25 13:43	1
Carbon disulfide	0.00074	U	0.00074	0.00020	mg/Kg	☼	10/03/25 10:36	10/06/25 13:43	1
Carbon tetrachloride	0.00074	U	0.00074	0.00028	mg/Kg	☼	10/03/25 10:36	10/06/25 13:43	1
Chlorobenzene	0.00074	U	0.00074	0.00037	mg/Kg	☼	10/03/25 10:36	10/06/25 13:43	1
Chlorobromomethane	0.00074	U	0.00074	0.00044	mg/Kg	☼	10/03/25 10:36	10/06/25 13:43	1
Chlorodibromomethane	0.00074	U	0.00074	0.00040	mg/Kg	☼	10/03/25 10:36	10/06/25 13:43	1
Chloroethane	0.00074	U	0.00074	0.00038	mg/Kg	☼	10/03/25 10:36	10/06/25 13:43	1
Chloroform	0.00074	U	0.00074	0.00071	mg/Kg	☼	10/03/25 10:36	10/06/25 13:43	1
Chloromethane	0.00074	U	0.00074	0.00032	mg/Kg	☼	10/03/25 10:36	10/06/25 13:43	1
cis-1,2-Dichloroethene	0.00074	U	0.00074	0.00026	mg/Kg	☼	10/03/25 10:36	10/06/25 13:43	1
cis-1,3-Dichloropropene	0.00074	U	0.00074	0.00020	mg/Kg	☼	10/03/25 10:36	10/06/25 13:43	1
Cyclohexane	0.00074	U	0.00074	0.00016	mg/Kg	☼	10/03/25 10:36	10/06/25 13:43	1
Dichlorobromomethane	0.00074	U	0.00074	0.00019	mg/Kg	☼	10/03/25 10:36	10/06/25 13:43	1
Dichlorodifluoromethane	0.00074	U	0.00074	0.00025	mg/Kg	☼	10/03/25 10:36	10/06/25 13:43	1
Ethylbenzene	0.00074	U	0.00074	0.00034	mg/Kg	☼	10/03/25 10:36	10/06/25 13:43	1
Ethylene Dibromide	0.00074	U	0.00074	0.00037	mg/Kg	☼	10/03/25 10:36	10/06/25 13:43	1
Isopropylbenzene	0.00074	U	0.00074	0.00021	mg/Kg	☼	10/03/25 10:36	10/06/25 13:43	1
Methyl acetate	0.0037	U	0.0037	0.0032	mg/Kg	☼	10/03/25 10:36	10/06/25 13:43	1
Methyl tert-butyl ether	0.00074	U	0.00074	0.00038	mg/Kg	☼	10/03/25 10:36	10/06/25 13:43	1
Methylcyclohexane	0.00074	U	0.00074	0.00037	mg/Kg	☼	10/03/25 10:36	10/06/25 13:43	1
Methylene Chloride	**0.0024**		0.0015	0.00084	mg/Kg	☼	10/03/25 10:36	10/06/25 13:43	1
m-Xylene & p-Xylene	0.00074	U	0.00074	0.00031	mg/Kg	☼	10/03/25 10:36	10/06/25 13:43	1
n-Butylbenzene	0.00074	U	0.00074	0.00022	mg/Kg	☼	10/03/25 10:36	10/06/25 13:43	1
N-Propylbenzene	0.00074	U	0.00074	0.00033	mg/Kg	☼	10/03/25 10:36	10/06/25 13:43	1
o-Xylene	0.00074	U	0.00074	0.00034	mg/Kg	☼	10/03/25 10:36	10/06/25 13:43	1
sec-Butylbenzene	0.00074	U	0.00074	0.00021	mg/Kg	☼	10/03/25 10:36	10/06/25 13:43	1
Styrene	0.00074	U	0.00074	0.00020	mg/Kg	☼	10/03/25 10:36	10/06/25 13:43	1

Client: Haley & Aldrich, Inc.
Project/Site: Former Port Mobil

Job ID: 460-336081-1

Client Sample ID: 56D1_5-6
Date Collected: 09/30/25 12:30
Date Received: 09/30/25 16:15

Lab Sample ID: 460-336081-63
Matrix: Solid
Percent Solids: 92.6

Method: SW846 8260D - Volatile Organic Compounds by GC/MS (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
tert-Butylbenzene	0.00074	U	0.00074	0.00020	mg/Kg	☼	10/03/25 10:36	10/06/25 13:43	1
Tetrachloroethene	0.00074	U	0.00074	0.00022	mg/Kg	☼	10/03/25 10:36	10/06/25 13:43	1
Toluene	0.00074	U	0.00074	0.00017	mg/Kg	☼	10/03/25 10:36	10/06/25 13:43	1
trans-1,2-Dichloroethene	0.00074	U	0.00074	0.00018	mg/Kg	☼	10/03/25 10:36	10/06/25 13:43	1
trans-1,3-Dichloropropene	0.00074	U	0.00074	0.00020	mg/Kg	☼	10/03/25 10:36	10/06/25 13:43	1
Trichloroethene	0.00074	U	0.00074	0.00024	mg/Kg	☼	10/03/25 10:36	10/06/25 13:43	1
Trichlorofluoromethane	0.00074	U	0.00074	0.00030	mg/Kg	☼	10/03/25 10:36	10/06/25 13:43	1
Vinyl chloride	0.00074	U	0.00074	0.00040	mg/Kg	☼	10/03/25 10:36	10/06/25 13:43	1
Xylenes, Total	0.0015	U	0.0015	0.00013	mg/Kg	☼	10/03/25 10:36	10/06/25 13:43	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,2-Dichloroethane-d4 (Surr)	*120*		*65 - 138*	*10/03/25 10:36*	*10/06/25 13:43*	*1*
4-Bromofluorobenzene	*91*		*71 - 128*	*10/03/25 10:36*	*10/06/25 13:43*	*1*
Dibromofluoromethane (Surr)	*109*		*50 - 150*	*10/03/25 10:36*	*10/06/25 13:43*	*1*
Toluene-d8 (Surr)	*101*		*71 - 126*	*10/03/25 10:36*	*10/06/25 13:43*	*1*

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Percent Moisture (EPA Moisture)	**7.4**		1.0	1.0	%			10/05/25 13:43	1
Percent Solids (EPA Moisture)	**92.6**		1.0	1.0	%			10/05/25 13:43	1

Surrogate Summary

Client: Haley & Aldrich, Inc.
Project/Site: Former Port Mobil

Job ID: 460-336081-1

Method: 8260D - Volatile Organic Compounds by GC/MS

Matrix: Solid

Prep Type: Total/NA

		Percent Surrogate Recovery (Acceptance Limits)			
Lab Sample ID	Client Sample ID	DCA (65-138)	BFB (71-128)	DBFM (50-150)	TOL (71-126)
460-336081-15	55A1_0-1	116	93	108	100
460-336081-16	55A2_1-2	117	92	110	101
460-336081-17	55A3_2-3	116	91	105	100
460-336081-18	55A1_3-4	116	90	107	99
460-336081-19	55A2_4-5	116	91	107	98
460-336081-20	55A3_5-6	122	88	110	96
460-336081-21	55A3_4-5	120	93	114	103
460-336081-22	55B1_1-2	121	94	110	101
460-336081-23	55B2_2-3	116	90	107	99
460-336081-24	55B3_3-4	113	90	107	97
460-336081-25	55B1_3-4	118	93	109	100
460-336081-26	55B2_4-5	120	94	112	104
460-336081-27	55B3_4-5	116	91	106	100
460-336081-28	55B1_5-6	124	92	114	100
460-336081-29	55C1_1-2	118	89	109	97
460-336081-30	55C2_1-2	119	91	109	101
460-336081-31	55C3_2-3	115	88	108	96
460-336081-32	55C1_3-4	117	89	107	100
460-336081-33	55C2_3-4	117	89	107	97
460-336081-34	55C3_4-5	115	89	108	100
460-336081-35	55C1_5-6	118	90	108	98
460-336081-36	56A1_1-2	115	89	105	97
460-336081-37	56A2_2-3	119	88	106	99
460-336081-38	56A3_2-3	117	87	108	98
460-336081-39	56A1_3-4	118	92	107	99
460-336081-40	56A2_4-5	119	88	107	98
460-336081-41	56A3_4-5	116	87	108	100
460-336081-42	56A1_5-6	118	92	108	101
460-336081-43	56B1_1-2	120	90	109	98
460-336081-44	56B2_2-3	117	89	107	98
460-336081-45	56B3_3-4	118	88	108	97
460-336081-46	56B1_3-4	117	89	107	99
460-336081-47	56B2_4-5	116	91	107	100
460-336081-48	56B3_5-6	117	90	107	97
460-336081-49	56B1_5-6	120	91	109	99
460-336081-50	56C1_1-2	118	87	106	96
460-336081-51	56C2_2-3	120	92	109	100
460-336081-52	56C3_3-4	120	90	112	97
460-336081-53	56C1_3-4	112	87	103	95
460-336081-54	56C2_4-5	114	88	104	98
460-336081-55	56C3_5-6	115	91	108	99
460-336081-56	56C2_5-6	115	90	108	99
460-336081-57	56D1_1-2	114	89	105	96
460-336081-58	56D2_1-2	117	89	110	100
460-336081-59	56D3_2-3	119	89	110	97
460-336081-60	56D1_3-4	114	88	106	98
460-336081-61	56D2_4-5	114	89	108	96
460-336081-62	56D3_4-5	120	88	109	99
460-336081-63	56D1_5-6	120	91	109	101

Surrogate Summary

Client: Haley & Aldrich, Inc.
Project/Site: Former Port Mobil

Job ID: 460-336081-1

Method: 8260D - Volatile Organic Compounds by GC/MS (Continued)

Matrix: Solid

Prep Type: Total/NA

		Percent Surrogate Recovery (Acceptance Limits)			
		DCA	BFB	DBFM	TOL
Lab Sample ID	Client Sample ID	(65-138)	(71-128)	(50-150)	(71-126)
LCS 460-1065886/3	Lab Control Sample	112	90	103	100
LCS 460-1066000/2	Lab Control Sample	108	87	104	99
LCS 460-1066018/3	Lab Control Sample	109	85	103	97
LCS 460-1066136/2	Lab Control Sample	107	83	98	95
LCSD 460-1065886/4	Lab Control Sample Dup	106	85	100	96
LCSD 460-1066000/3	Lab Control Sample Dup	112	89	105	102
LCSD 460-1066018/4	Lab Control Sample Dup	108	83	101	98
LCSD 460-1066136/3	Lab Control Sample Dup	112	89	106	102
MB 460-1065886/8	Method Blank	107	91	102	99
MB 460-1066000/7	Method Blank	111	89	105	98
MB 460-1066018/8	Method Blank	115	91	105	100
MB 460-1066136/7	Method Blank	113	92	109	101

Surrogate Legend

DCA = 1,2-Dichloroethane-d4 (Surr)
BFB = 4-Bromofluorobenzene
DBFM = Dibromofluoromethane (Surr)
TOL = Toluene-d8 (Surr)

Method: 8270E - Semivolatile Organic Compounds (GC/MS)

Matrix: Solid

Prep Type: Total/NA

		Percent Surrogate Recovery (Acceptance Limits)					
		TBP	FBP	2FP	NBZ	PHL	TPHL
Lab Sample ID	Client Sample ID	(18-137)	(33-117)	(24-120)	(27-120)	(28-118)	(33-124)
460-336081-1	55A_0-3	60	59	59	59	59	72
460-336081-1 MS	55A_0-3	65	67	67	69	70	72
460-336081-1 MSD	55A_0-3	64	65	60	64	63	71
460-336081-2	55A_3-6	58	58	59	59	58	71
460-336081-3	55B_0-3	66	66	67	68	67	76
460-336081-4	55B_3-6	64	67	69	67	68	76
460-336081-5	55C_0-3	63	66	66	66	65	75
460-336081-6	55C_3-6	63	65	66	66	65	75
460-336081-7	56A_0-3	60	64	65	64	65	75
460-336081-8	56A_3-6	53	57	57	59	57	65
460-336081-9	56B_0-3	58	62	61	62	60	71
460-336081-10	56B_3-6	49	46	44	45	47	64
460-336081-11	56C_0-3	51	50	49	49	50	63
460-336081-12	56C_3-6	67	66	64	63	65	81
460-336081-13	56D_0-3	65	68	68	68	68	79
460-336081-14	56D_3-6	59	63	62	63	63	72
LCS 460-1065203/2-A	Lab Control Sample	74	78	79	80	81	81
LCSD 460-1065203/3-A	Lab Control Sample Dup	78	81	81	85	83	84
MB 460-1065203/1-A	Method Blank	70	71	72	75	73	80

Surrogate Legend

TBP = 2,4,6-Tribromophenol (Surr)
FBP = 2-Fluorobiphenyl
2FP = 2-Fluorophenol (Surr)
NBZ = Nitrobenzene-d5 (Surr)
PHL = Phenol-d5 (Surr)

Surrogate Summary

Client: Haley & Aldrich, Inc.
Project/Site: Former Port Mobil

Job ID: 460-336081-1

TPHL = Terphenyl-d14 (Surr)

Method: 8081B - Organochlorine Pesticides (GC)

Matrix: Solid **Prep Type: Total/NA**

		Percent Surrogate Recovery (Acceptance Limits)			
Lab Sample ID	Client Sample ID	DCBP1 (10-150)	DCBP2 (10-150)	TCX1 (14-150)	TCX2 (14-150)
460-336081-1	55A_0-3	111	93	94	93
460-336081-2	55A_3-6	121	98	100	100
460-336081-3	55B_0-3	119	95	98	97
460-336081-4	55B_3-6	114	93	93	94
460-336081-5	55C_0-3	128	101	105	103
460-336081-6	55C_3-6	114	91	95	97
460-336081-7	56A_0-3	117	96	95	99
460-336081-8	56A_3-6	109	90	89	92
460-336081-9	56B_0-3	118	98	99	102
460-336081-10	56B_3-6	105	88	86	90
460-336081-11	56C_0-3	131	108	106	110
460-336081-12	56C_3-6	108	91	88	91
460-336081-13	56D_0-3	123	103	99	102
460-336081-14	56D_3-6	122	102	100	99
LCS 460-1065151/2-A	Lab Control Sample	90	76	77	78
LCSD 460-1065151/3-A	Lab Control Sample Dup	96	78	81	80
MB 460-1065151/1-A	Method Blank	132	110	111	113

Surrogate Legend

DCBP = DCB Decachlorobiphenyl

TCX = Tetrachloro-m-xylene

Method: 8082A - Polychlorinated Biphenyls (PCBs) by Gas Chromatography

Matrix: Solid **Prep Type: Total/NA**

		Percent Surrogate Recovery (Acceptance Limits)			
Lab Sample ID	Client Sample ID	DCBP1 (10-150)	DCBP2 (10-150)	TCX1 (10-150)	TCX2 (10-150)
460-336081-1	55A_0-3	147	143	147	138
460-336081-2	55A_3-6	164 *	157 *	167 *	153 *
460-336081-3	55B_0-3	153 *	146	153 *	145
460-336081-4	55B_3-6	154 *	147	154 *	142
460-336081-5	55C_0-3	170 *	161 *	171 *	158 *
460-336081-6	55C_3-6	157 *	149	153 *	143
460-336081-7	56A_0-3	146	148	142	145
460-336081-8	56A_3-6	155 *	148	153 *	141
460-336081-9	56B_0-3	184 *	176 *	181 *	170 *
460-336081-10	56B_3-6	163 *	154 *	158 *	148
460-336081-11	56C_0-3	190 *	179 *	186 *	170 *
460-336081-12	56C_3-6	160 *	158 *	163 *	156 *
460-336081-13	56D_0-3	180 *	168 *	172 *	159 *
460-336081-14	56D_3-6	172 *	170 *	173 *	166 *
LCS 460-1065147/2-A	Lab Control Sample	119	97	85	76
LCSD 460-1065147/3-A	Lab Control Sample Dup	118	100	85	77
MB 460-1065147/1-A	Method Blank	146	122	109	96

Surrogate Legend

DCBP = DCB Decachlorobiphenyl

TCX = Tetrachloro-m-xylene

Isotope Dilution Summary

Client: Haley & Aldrich, Inc.
Project/Site: Former Port Mobil

Job ID: 460-336081-1

Method: 1633A - Per- and Polyfluoroalkyl Substances by LC/MS/MS, 1633A

Matrix: Solid **Prep Type: Total/NA**

		Percent Isotope Dilution Recovery (Acceptance Limits)							
Lab Sample ID	Client Sample ID	PFBA (8-130)	PFPeA (35-130)	13C5PHA (40-130)	C4PFHA (40-130)	C8PFOA (40-130)	C9PFNA (40-130)	C6PFDA (40-130)	13C7PUA (40-130)
460-336081-1	55A_0-3	118	112	109	119	112	107	111	99.4
460-336081-2	55A_3-6	113	109	108	116	105	105	98.9	82.0
460-336081-3	55B_0-3	117	113	109	116	108	106	107	91.6
460-336081-4	55B_3-6	125	125	115	126	121	116	116	95.7
460-336081-5	55C_0-3	99.5	97.7	95.5	101	94.4	90.7	83.6	78.0
460-336081-6	55C_3-6	99.9	96.9	90.4	99.3	95.2	87.7	86.8	74.3
460-336081-7	56A_0-3	91.7	92.9	92.6	95.6	89.7	90.2	92.7	85.1
460-336081-8	56A_3-6	98.5	99.5	97.5	98.9	97.9	95.7	96.4	91.5
460-336081-9	56B_0-3	95.9	95.4	94.6	98.2	91.2	92.1	86.7	78.1
460-336081-10	56B_3-6	77.0	77.2	75.5	79.1	77.6	77.5	76.2	70.7
460-336081-11	56C_0-3	95.1	93.7	91.9	97.8	89.3	90.0	91.7	81.6
460-336081-12	56C_3-6	95.0	97.8	91.4	98.4	90.5	93.2	90.5	81.4
460-336081-13	56D_0-3	94.8	95.2	90.9	96.1	89.6	88.8	84.3	76.7
460-336081-14	56D_3-6	95.9	101	98.1	103	90.5	93.9	95.3	89.1
LCS 410-709414/2-A	Lab Control Sample	89.5	92.8	86.8	93.0	85.9	86.3	84.2	83.1
LCS 410-709692/2-A	Lab Control Sample	109	104	102	108	96.9	102	103	94.9
LCSD 410-709414/3-A	Lab Control Sample Dup	90.3	92.6	87.4	93.0	89.2	85.7	87.3	80.5
LCSD 410-709692/3-A	Lab Control Sample Dup	103	101	95.7	105	101	95.9	96.3	85.6
LLCS 410-709414/4-A	Lab Control Sample	107	87.0	87.3	86.2	92.6	91.0	91.7	100
LLCS 410-709692/4-A	Lab Control Sample	116	116	106	118	108	104	103	95.4
MB 410-709414/1-A	Method Blank	86.1	70.5	70.5	69.4	70.6	70.8	76.6	77.8
MB 410-709692/1-A	Method Blank	101	97.4	91.1	101	94.2	91.2	90.8	89.3

		Percent Isotope Dilution Recovery (Acceptance Limits)							
Lab Sample ID	Client Sample ID	PFTDA (20-130)	C3PFBS (40-135)	C3PFHS (40-130)	C8PFOS (40-130)	PFOSA (40-130)	d3NMFOS (40-135)	d5NEFOS (40-150)	M242FTS (40-165)
460-336081-1	55A_0-3	82.7	105	103	107	107	111	105	176 *
460-336081-2	55A_3-6	42.8	107	101	96.9	96.5	85.6	74.5	167 *
460-336081-3	55B_0-3	56.8	111	103	105	98.5	93.2	88.4	152
460-336081-4	55B_3-6	49.0	121	116	113	107	94.0	83.0	180 *
460-336081-5	55C_0-3	37.5	93.0	93.1	90.4	84.8	73.3	66.7	118
460-336081-6	55C_3-6	51.6	90.6	88.6	86.7	84.7	69.7	64.7	153
460-336081-7	56A_0-3	77.2	86.7	83.2	89.1	82.2	84.6	81.3	106
460-336081-8	56A_3-6	79.4	95.1	90.6	96.5	90.9	96.6	90.7	114
460-336081-9	56B_0-3	52.4	93.7	87.9	90.6	80.8	78.0	70.2	115
460-336081-10	56B_3-6	49.7	77.1	76.5	77.4	71.5	70.7	66.3	82.3
460-336081-11	56C_0-3	71.0	90.4	89.9	91.1	80.1	79.2	75.3	120
460-336081-12	56C_3-6	52.8	94.2	92.4	91.4	81.1	77.5	71.3	126
460-336081-13	56D_0-3	47.1	94.4	91.7	86.6	81.6	68.2	62.7	134
460-336081-14	56D_3-6	79.8	94.3	94.0	93.8	88.8	98.7	94.5	138
LCS 410-709414/2-A	Lab Control Sample	70.4	86.9	85.8	88.2	75.2	74.1	71.1	87.3
LCS 410-709692/2-A	Lab Control Sample	83.0	102	101	104	93.5	93.3	93.2	104
LCSD 410-709414/3-A	Lab Control Sample Dup	72.1	85.3	84.8	89.6	75.2	75.8	70.3	88.3
LCSD 410-709692/3-A	Lab Control Sample Dup	84.3	98.4	97.1	98.0	88.8	87.7	88.5	101
LLCS 410-709414/4-A	Lab Control Sample	85.8	96.2	99.8	82.2	75.6	80.4	76.6	88.8
LLCS 410-709692/4-A	Lab Control Sample	87.3	110	107	110	96.2	97.8	96.9	113
MB 410-709414/1-A	Method Blank	74.9	73.0	74.8	68.2	64.1	69.2	63.0	72.6
MB 410-709692/1-A	Method Blank	80.8	94.7	95.7	92.4	86.6	78.1	131	104

Isotope Dilution Summary

Client: Haley & Aldrich, Inc.
Project/Site: Former Port Mobil

Job ID: 460-336081-1

Method: 1633A - Per- and Polyfluoroalkyl Substances by LC/MS/MS, 1633A (Continued)

Matrix: Solid **Prep Type: Total/NA**

		Percent Isotope Dilution Recovery (Acceptance Limits)							
Lab Sample ID	Client Sample ID	M262FTS (40-215)	M282FTS (40-275)	HFPODA (40-130)	NMFM (20-130)	NEFM (15-130)	d5NPFSA (10-130)	d3NMFSA (10-130)	PFDoA (40-130)
460-336081-1	55A_0-3	153	145	111	73.3	54.1	84.0	96.5	104
460-336081-2	55A_3-6	153	130	106	63.1	55.8	76.1	84.9	80.1
460-336081-3	55B_0-3	133	121	116	64.5	60.0	77.6	86.9	93.4
460-336081-4	55B_3-6	165	138	119	73.2	61.8	79.9	89.6	91.0
460-336081-5	55C_0-3	106	88.9	98.1	62.6	55.1	66.4	75.8	79.6
460-336081-6	55C_3-6	122	103	95.0	62.3	52.7	66.3	73.6	79.1
460-336081-7	56A_0-3	94.4	83.0	99.5	68.4	58.9	74.1	81.5	87.3
460-336081-8	56A_3-6	98.8	92.6	97.0	76.6	65.7	84.3	90.2	91.5
460-336081-9	56B_0-3	98.1	89.2	92.3	70.7	61.1	70.0	74.9	77.9
460-336081-10	56B_3-6	81.9	71.6	79.2	60.6	50.3	58.8	63.8	70.5
460-336081-11	56C_0-3	96.4	86.3	93.6	54.9	52.1	67.4	74.4	82.7
460-336081-12	56C_3-6	106	89.7	97.8	69.8	62.9	71.5	75.8	80.7
460-336081-13	56D_0-3	100	87.2	94.3	65.7	57.9	68.8	75.4	76.5
460-336081-14	56D_3-6	120	110	97.7	76.9	67.4	88.3	91.8	97.1
LCS 410-709414/2-A	Lab Control Sample	85.9	78.4	102	64.1	58.8	62.4	67.9	80.9
LCS 410-709692/2-A	Lab Control Sample	97.1	92.0	107	71.4	64.4	71.1	81.6	96.9
LCSD 410-709414/3-A	Lab Control Sample Dup	83.0	72.9	94.7	59.6	47.3	60.8	67.0	77.8
LCSD 410-709692/3-A	Lab Control Sample Dup	90.6	87.8	102	77.9	72.9	72.4	82.1	92.4
LLCS 410-709414/4-A	Lab Control Sample	102	117	90.0	77.6	72.9	92.4	96.2	98.7
LLCS 410-709692/4-A	Lab Control Sample	114	101	120	80.5	75.7	77.4	88.2	99.1
MB 410-709414/1-A	Method Blank	75.1	80.3	76.0	63.1	56.0	62.2	69.0	71.9
MB 410-709692/1-A	Method Blank	96.7	86.4	99.0	63.4	47.6	64.2	74.2	87.3

Surrogate Legend

PFBA = 13C4 PFBA
PFPeA = 13C5 PFPeA
13C5PHA = 13C5 PFHxA
C4PFHA = 13C4 PFHpA
C8PFOA = 13C8 PFOA
C9PFNA = 13C9 PFNA
C6PFDA = 13C6 PFDA
13C7PUA = 13C7 PFUnA
PFTDA = 13C2 PFTeDA
C3PFBS = 13C3 PFBS
C3PFHS = 13C3 PFHxS
C8PFOS = 13C8 PFOS
PFOSA = 13C8 FOSA
d3NMFOS = d3-NMeFOSAA
d5NEFOS = d5-NEtFOSAA
M242FTS = 13C2 4:2 FTS
M262FTS = 13C2 6:2 FTS
M282FTS = 13C2 8:2 FTS
HFPODA = 13C3 HFPO-DA
NMFM = d7-N-MeFOSE-M
NEFM = d9-N-EtFOSE-M
d5NPFSA = d5-NEtPFOSA
d3NMFSA = d3-NMePFOSA
PFDoA = 13C2 PFDoA

Method: 8260D - Volatile Organic Compounds by GC/MS

Lab Sample ID: MB 460-1065886/8
Matrix: Solid
Analysis Batch: 1065886

Client Sample ID: Method Blank
Prep Type: Total/NA

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1-Trichloroethane	0.0010	U	0.0010	0.00023	mg/Kg			10/04/25 19:11	1
1,1,2,2-Tetrachloroethane	0.0010	U	0.0010	0.00052	mg/Kg			10/04/25 19:11	1
1,1,2-Trichloro-1,2,2-trifluoroethane	0.0010	U	0.0010	0.00030	mg/Kg			10/04/25 19:11	1
1,1,2-Trichloroethane	0.0010	U	0.0010	0.00060	mg/Kg			10/04/25 19:11	1
1,1-Dichloroethane	0.0010	U	0.0010	0.00060	mg/Kg			10/04/25 19:11	1
1,1-Dichloroethene	0.0010	U	0.0010	0.00023	mg/Kg			10/04/25 19:11	1
1,2,3-Trichlorobenzene	0.0010	U	0.0010	0.00074	mg/Kg			10/04/25 19:11	1
1,2,4-Trichlorobenzene	0.0010	U	0.0010	0.00036	mg/Kg			10/04/25 19:11	1
1,2,4-Trimethylbenzene	0.0010	U	0.0010	0.00025	mg/Kg			10/04/25 19:11	1
1,2-Dibromo-3-Chloropropane	0.0010	U	0.0010	0.00046	mg/Kg			10/04/25 19:11	1
1,2-Dichlorobenzene	0.0010	U	0.0010	0.00036	mg/Kg			10/04/25 19:11	1
1,2-Dichloroethane	0.0010	U	0.0010	0.00030	mg/Kg			10/04/25 19:11	1
1,2-Dichloropropane	0.0010	U	0.0010	0.00042	mg/Kg			10/04/25 19:11	1
1,3,5-Trimethylbenzene	0.0010	U	0.0010	0.00031	mg/Kg			10/04/25 19:11	1
1,3-Dichlorobenzene	0.0010	U	0.0010	0.00037	mg/Kg			10/04/25 19:11	1
1,4-Dichlorobenzene	0.0010	U	0.0010	0.00052	mg/Kg			10/04/25 19:11	1
2-Butanone (MEK)	0.0050	U	0.0050	0.00037	mg/Kg			10/04/25 19:11	1
2-Hexanone	0.0050	U	0.0050	0.0017	mg/Kg			10/04/25 19:11	1
4-Methyl-2-pentanone (MIBK)	0.0050	U	0.0050	0.0016	mg/Kg			10/04/25 19:11	1
Acetone	0.0060	U	0.0060	0.0057	mg/Kg			10/04/25 19:11	1
Benzene	0.0010	U	0.0010	0.00057	mg/Kg			10/04/25 19:11	1
Bromoform	0.0010	U	0.0010	0.00043	mg/Kg			10/04/25 19:11	1
Bromomethane	0.0020	U	0.0020	0.0010	mg/Kg			10/04/25 19:11	1
Carbon disulfide	0.0010	U	0.0010	0.00027	mg/Kg			10/04/25 19:11	1
Carbon tetrachloride	0.0010	U	0.0010	0.00039	mg/Kg			10/04/25 19:11	1
Chlorobenzene	0.0010	U	0.0010	0.00051	mg/Kg			10/04/25 19:11	1
Chlorobromomethane	0.0010	U	0.0010	0.00060	mg/Kg			10/04/25 19:11	1
Chlorodibromomethane	0.0010	U	0.0010	0.00054	mg/Kg			10/04/25 19:11	1
Chloroethane	0.0010	U	0.0010	0.00052	mg/Kg			10/04/25 19:11	1
Chloroform	0.0010	U	0.0010	0.00097	mg/Kg			10/04/25 19:11	1
Chloromethane	0.0010	U	0.0010	0.00044	mg/Kg			10/04/25 19:11	1
cis-1,2-Dichloroethene	0.0010	U	0.0010	0.00036	mg/Kg			10/04/25 19:11	1
cis-1,3-Dichloropropene	0.0010	U	0.0010	0.00027	mg/Kg			10/04/25 19:11	1
Cyclohexane	0.0010	U	0.0010	0.00022	mg/Kg			10/04/25 19:11	1
Dichlorobromomethane	0.0010	U	0.0010	0.00026	mg/Kg			10/04/25 19:11	1
Dichlorodifluoromethane	0.0010	U	0.0010	0.00034	mg/Kg			10/04/25 19:11	1
Ethylbenzene	0.0010	U	0.0010	0.00047	mg/Kg			10/04/25 19:11	1
Ethylene Dibromide	0.0010	U	0.0010	0.00050	mg/Kg			10/04/25 19:11	1
Isopropylbenzene	0.0010	U	0.0010	0.00029	mg/Kg			10/04/25 19:11	1
Methyl acetate	0.0050	U	0.0050	0.0043	mg/Kg			10/04/25 19:11	1
Methyl tert-butyl ether	0.0010	U	0.0010	0.00051	mg/Kg			10/04/25 19:11	1
Methylcyclohexane	0.0010	U	0.0010	0.00050	mg/Kg			10/04/25 19:11	1
Methylene Chloride	0.0020	U	0.0020	0.0011	mg/Kg			10/04/25 19:11	1
m-Xylene & p-Xylene	0.0010	U	0.0010	0.00042	mg/Kg			10/04/25 19:11	1
n-Butylbenzene	0.0010	U	0.0010	0.00029	mg/Kg			10/04/25 19:11	1
N-Propylbenzene	0.0010	U	0.0010	0.00045	mg/Kg			10/04/25 19:11	1
o-Xylene	0.0010	U	0.0010	0.00046	mg/Kg			10/04/25 19:11	1
sec-Butylbenzene	0.0010	U	0.0010	0.00029	mg/Kg			10/04/25 19:11	1

Method: 8260D - Volatile Organic Compounds by GC/MS (Continued)

Lab Sample ID: MB 460-1065886/8
Matrix: Solid
Analysis Batch: 1065886

Client Sample ID: Method Blank
Prep Type: Total/NA

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Styrene	0.0010	U	0.0010	0.00028	mg/Kg			10/04/25 19:11	1
Styrene	0.0010	U	0.0010	0.00028	mg/Kg			10/04/25 19:11	1
tert-Butylbenzene	0.0010	U	0.0010	0.00028	mg/Kg			10/04/25 19:11	1
Tetrachloroethene	0.0010	U	0.0010	0.00031	mg/Kg			10/04/25 19:11	1
Toluene	0.0010	U	0.0010	0.00023	mg/Kg			10/04/25 19:11	1
trans-1,2-Dichloroethene	0.0010	U	0.0010	0.00025	mg/Kg			10/04/25 19:11	1
trans-1,3-Dichloropropene	0.0010	U	0.0010	0.00027	mg/Kg			10/04/25 19:11	1
Trichloroethene	0.0010	U	0.0010	0.00032	mg/Kg			10/04/25 19:11	1
Trichlorofluoromethane	0.0010	U	0.0010	0.00041	mg/Kg			10/04/25 19:11	1
Vinyl chloride	0.0010	U	0.0010	0.00055	mg/Kg			10/04/25 19:11	1
Xylenes, Total	0.0020	U	0.0020	0.00017	mg/Kg			10/04/25 19:11	1

Surrogate	*MB %Recovery*	*MB Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,2-Dichloroethane-d4 (Surr)	*107*		*65 - 138*		*10/04/25 19:11*	*1*
4-Bromofluorobenzene	*91*		*71 - 128*		*10/04/25 19:11*	*1*
Dibromofluoromethane (Surr)	*102*		*50 - 150*		*10/04/25 19:11*	*1*
Toluene-d8 (Surr)	*99*		*71 - 126*		*10/04/25 19:11*	*1*

Lab Sample ID: LCS 460-1065886/3
Matrix: Solid
Analysis Batch: 1065886

Client Sample ID: Lab Control Sample
Prep Type: Total/NA

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
1,1,1-Trichloroethane	0.0200	0.0223		mg/Kg		111	78 - 120
1,1,2,2-Tetrachloroethane	0.0200	0.0202		mg/Kg		101	70 - 133
1,1,2-Trichloro-1,2,2-trifluoroethane	0.0200	0.0228		mg/Kg		114	75 - 121
1,1,2-Trichloroethane	0.0200	0.0196		mg/Kg		98	80 - 120
1,1-Dichloroethane	0.0200	0.0223		mg/Kg		112	72 - 120
1,1-Dichloroethene	0.0200	0.0213		mg/Kg		107	76 - 120
1,2,3-Trichlorobenzene	0.0200	0.0196		mg/Kg		98	77 - 137
1,2,4-Trichlorobenzene	0.0200	0.0192		mg/Kg		96	77 - 136
1,2,4-Trimethylbenzene	0.0200	0.0200		mg/Kg		100	75 - 120
1,2-Dibromo-3-Chloropropane	0.0200	0.0193		mg/Kg		96	80 - 124
1,2-Dichlorobenzene	0.0200	0.0198		mg/Kg		99	80 - 120
1,2-Dichloroethane	0.0200	0.0231		mg/Kg		116	70 - 123
1,2-Dichloropropane	0.0200	0.0209		mg/Kg		105	73 - 124
1,3,5-Trimethylbenzene	0.0200	0.0203		mg/Kg		101	70 - 120
1,3-Dichlorobenzene	0.0200	0.0195		mg/Kg		98	80 - 120
1,4-Dichlorobenzene	0.0200	0.0197		mg/Kg		98	80 - 120
2-Butanone (MEK)	0.100	0.109		mg/Kg		109	64 - 128
2-Hexanone	0.100	0.110		mg/Kg		110	75 - 120
4-Methyl-2-pentanone (MIBK)	0.100	0.108		mg/Kg		108	80 - 120
Acetone	0.100	0.106		mg/Kg		106	58 - 122
Benzene	0.0200	0.0205		mg/Kg		103	75 - 120
Bromoform	0.0200	0.0181		mg/Kg		90	61 - 125
Bromomethane	0.0200	0.0139		mg/Kg		69	37 - 150
Carbon disulfide	0.0200	0.0218		mg/Kg		109	57 - 133
Carbon tetrachloride	0.0200	0.0210		mg/Kg		105	66 - 127

Method: 8260D - Volatile Organic Compounds by GC/MS (Continued)

Lab Sample ID: LCS 460-1065886/3
Matrix: Solid
Analysis Batch: 1065886

Client Sample ID: Lab Control Sample
Prep Type: Total/NA

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
Chlorobenzene	0.0200	0.0204		mg/Kg		102	80 - 120
Chlorobromomethane	0.0200	0.0213		mg/Kg		106	76 - 127
Chlorodibromomethane	0.0200	0.0188		mg/Kg		94	72 - 120
Chloroethane	0.0200	0.0198		mg/Kg		99	60 - 123
Chloroform	0.0200	0.0225		mg/Kg		112	79 - 126
Chloromethane	0.0200	0.0172		mg/Kg		86	46 - 122
cis-1,2-Dichloroethene	0.0200	0.0214		mg/Kg		107	80 - 123
cis-1,3-Dichloropropene	0.0200	0.0192		mg/Kg		96	75 - 120
Cyclohexane	0.0200	0.0231		mg/Kg		115	65 - 132
Dichlorobromomethane	0.0200	0.0210		mg/Kg		105	77 - 124
Dichlorodifluoromethane	0.0200	0.0172		mg/Kg		86	45 - 129
Ethylbenzene	0.0200	0.0199		mg/Kg		100	80 - 120
Ethylene Dibromide	0.0200	0.0201		mg/Kg		101	79 - 120
Isopropylbenzene	0.0200	0.0202		mg/Kg		101	74 - 120
Methyl acetate	0.0400	0.0480		mg/Kg		120	57 - 120
Methyl tert-butyl ether	0.0200	0.0211		mg/Kg		105	74 - 125
Methylcyclohexane	0.0200	0.0228		mg/Kg		114	66 - 125
Methylene Chloride	0.0200	0.0218		mg/Kg		109	78 - 120
m-Xylene & p-Xylene	0.0200	0.0203		mg/Kg		102	80 - 120
n-Butylbenzene	0.0200	0.0206		mg/Kg		103	72 - 120
N-Propylbenzene	0.0200	0.0197		mg/Kg		98	68 - 120
o-Xylene	0.0200	0.0200		mg/Kg		100	80 - 120
sec-Butylbenzene	0.0200	0.0208		mg/Kg		104	78 - 120
Styrene	0.0200	0.0207		mg/Kg		103	80 - 120
tert-Butylbenzene	0.0200	0.0209		mg/Kg		104	80 - 120
Tetrachloroethene	0.0200	0.0198		mg/Kg		99	73 - 120
Toluene	0.0200	0.0202		mg/Kg		101	80 - 120
trans-1,2-Dichloroethene	0.0200	0.0222		mg/Kg		111	78 - 120
trans-1,3-Dichloropropene	0.0200	0.0186		mg/Kg		93	77 - 120
Trichloroethene	0.0200	0.0223		mg/Kg		111	80 - 120
Trichlorofluoromethane	0.0200	0.0196		mg/Kg		98	61 - 130
Vinyl chloride	0.0200	0.0207		mg/Kg		103	54 - 122
Xylenes, Total	0.0400	0.0404		mg/Kg		101	80 - 120

Surrogate	*LCS %Recovery*	*LCS Qualifier*	*Limits*
1,2-Dichloroethane-d4 (Surr)	*112*		*65 - 138*
4-Bromofluorobenzene	*90*		*71 - 128*
Dibromofluoromethane (Surr)	*103*		*50 - 150*
Toluene-d8 (Surr)	*100*		*71 - 126*

Lab Sample ID: LCSD 460-1065886/4
Matrix: Solid
Analysis Batch: 1065886

Client Sample ID: Lab Control Sample Dup
Prep Type: Total/NA

Analyte	Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
1,1,1-Trichloroethane	0.0200	0.0201		mg/Kg		101	78 - 120	10	30
1,1,2,2-Tetrachloroethane	0.0200	0.0186		mg/Kg		93	70 - 133	8	30
1,1,2-Trichloro-1,2,2-trifluoroetha ne	0.0200	0.0215		mg/Kg		107	75 - 121	6	30

Method: 8260D - Volatile Organic Compounds by GC/MS (Continued)

Lab Sample ID: LCSD 460-1065886/4
Matrix: Solid
Analysis Batch: 1065886

Client Sample ID: Lab Control Sample Dup
Prep Type: Total/NA

Analyte	Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
1,1,2-Trichloroethane	0.0200	0.0183		mg/Kg		91	80 - 120	7	30
1,1-Dichloroethane	0.0200	0.0208		mg/Kg		104	72 - 120	7	30
1,1-Dichloroethene	0.0200	0.0203		mg/Kg		101	76 - 120	5	30
1,2,3-Trichlorobenzene	0.0200	0.0184		mg/Kg		92	77 - 137	7	30
1,2,4-Trichlorobenzene	0.0200	0.0182		mg/Kg		91	77 - 136	6	30
1,2,4-Trimethylbenzene	0.0200	0.0186		mg/Kg		93	75 - 120	7	30
1,2-Dibromo-3-Chloropropane	0.0200	0.0183		mg/Kg		92	80 - 124	5	30
1,2-Dichlorobenzene	0.0200	0.0183		mg/Kg		91	80 - 120	8	30
1,2-Dichloroethane	0.0200	0.0212		mg/Kg		106	70 - 123	9	30
1,2-Dichloropropane	0.0200	0.0194		mg/Kg		97	73 - 124	7	30
1,3,5-Trimethylbenzene	0.0200	0.0188		mg/Kg		94	70 - 120	8	30
1,3-Dichlorobenzene	0.0200	0.0184		mg/Kg		92	80 - 120	6	30
1,4-Dichlorobenzene	0.0200	0.0185		mg/Kg		93	80 - 120	6	30
2-Butanone (MEK)	0.100	0.101		mg/Kg		101	64 - 128	8	30
2-Hexanone	0.100	0.103		mg/Kg		103	75 - 120	7	30
4-Methyl-2-pentanone (MIBK)	0.100	0.102		mg/Kg		102	80 - 120	6	30
Acetone	0.100	0.0964		mg/Kg		96	58 - 122	9	30
Benzene	0.0200	0.0192		mg/Kg		96	75 - 120	7	30
Bromoform	0.0200	0.0166		mg/Kg		83	61 - 125	9	30
Bromomethane	0.0200	0.0125		mg/Kg		63	37 - 150	10	30
Carbon disulfide	0.0200	0.0207		mg/Kg		103	57 - 133	5	30
Carbon tetrachloride	0.0200	0.0196		mg/Kg		98	66 - 127	7	30
Chlorobenzene	0.0200	0.0189		mg/Kg		95	80 - 120	8	30
Chlorobromomethane	0.0200	0.0204		mg/Kg		102	76 - 127	4	30
Chlorodibromomethane	0.0200	0.0172		mg/Kg		86	72 - 120	9	30
Chloroethane	0.0200	0.0181		mg/Kg		91	60 - 123	9	30
Chloroform	0.0200	0.0207		mg/Kg		104	79 - 126	8	30
Chloromethane	0.0200	0.0157		mg/Kg		79	46 - 122	9	30
cis-1,2-Dichloroethene	0.0200	0.0196		mg/Kg		98	80 - 123	9	30
cis-1,3-Dichloropropene	0.0200	0.0180		mg/Kg		90	75 - 120	7	30
Cyclohexane	0.0200	0.0209		mg/Kg		105	65 - 132	10	30
Dichlorobromomethane	0.0200	0.0193		mg/Kg		96	77 - 124	9	30
Dichlorodifluoromethane	0.0200	0.0159		mg/Kg		80	45 - 129	8	30
Ethylbenzene	0.0200	0.0190		mg/Kg		95	80 - 120	5	30
Ethylene Dibromide	0.0200	0.0184		mg/Kg		92	79 - 120	9	30
Isopropylbenzene	0.0200	0.0190		mg/Kg		95	74 - 120	6	30
Methyl acetate	0.0400	0.0426		mg/Kg		107	57 - 120	12	30
Methyl tert-butyl ether	0.0200	0.0193		mg/Kg		97	74 - 125	9	30
Methylcyclohexane	0.0200	0.0215		mg/Kg		108	66 - 125	6	30
Methylene Chloride	0.0200	0.0204		mg/Kg		102	78 - 120	7	30
m-Xylene & p-Xylene	0.0200	0.0192		mg/Kg		96	80 - 120	6	30
n-Butylbenzene	0.0200	0.0195		mg/Kg		97	72 - 120	6	30
N-Propylbenzene	0.0200	0.0188		mg/Kg		94	68 - 120	5	30
o-Xylene	0.0200	0.0186		mg/Kg		93	80 - 120	7	30
sec-Butylbenzene	0.0200	0.0192		mg/Kg		96	78 - 120	8	30
Styrene	0.0200	0.0192		mg/Kg		96	80 - 120	7	30
tert-Butylbenzene	0.0200	0.0193		mg/Kg		96	80 - 120	8	30
Tetrachloroethene	0.0200	0.0189		mg/Kg		95	73 - 120	4	30
Toluene	0.0200	0.0189		mg/Kg		94	80 - 120	7	30

Method: 8260D - Volatile Organic Compounds by GC/MS (Continued)

Lab Sample ID: LCSD 460-1065886/4
Matrix: Solid
Analysis Batch: 1065886

Client Sample ID: Lab Control Sample Dup
Prep Type: Total/NA

Analyte			Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
trans-1,2-Dichloroethene			0.0200	0.0202		mg/Kg		101	78 - 120	10	30
trans-1,3-Dichloropropene			0.0200	0.0176		mg/Kg		88	77 - 120	6	30
Trichloroethene			0.0200	0.0202		mg/Kg		101	80 - 120	10	30
Trichlorofluoromethane			0.0200	0.0178		mg/Kg		89	61 - 130	10	30
Vinyl chloride			0.0200	0.0191		mg/Kg		95	54 - 122	8	30
Xylenes, Total			0.0400	0.0378		mg/Kg		95	80 - 120	7	30

Surrogate	*LCSD %Recovery*	*LCSD Qualifier*	*Limits*
1,2-Dichloroethane-d4 (Surr)	*106*		*65 - 138*
4-Bromofluorobenzene	*85*		*71 - 128*
Dibromofluoromethane (Surr)	*100*		*50 - 150*
Toluene-d8 (Surr)	*96*		*71 - 126*

Lab Sample ID: MB 460-1066000/7
Matrix: Solid
Analysis Batch: 1066000

Client Sample ID: Method Blank
Prep Type: Total/NA

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1-Trichloroethane	0.0010	U	0.0010	0.00023	mg/Kg			10/05/25 06:40	1
1,1,2,2-Tetrachloroethane	0.0010	U	0.0010	0.00052	mg/Kg			10/05/25 06:40	1
1,1,2-Trichloro-1,2,2-trifluoroethane	0.0010	U	0.0010	0.00030	mg/Kg			10/05/25 06:40	1
1,1,2-Trichloroethane	0.0010	U	0.0010	0.00060	mg/Kg			10/05/25 06:40	1
1,1-Dichloroethane	0.0010	U	0.0010	0.00060	mg/Kg			10/05/25 06:40	1
1,1-Dichloroethene	0.0010	U	0.0010	0.00023	mg/Kg			10/05/25 06:40	1
1,2,3-Trichlorobenzene	0.0010	U	0.0010	0.00074	mg/Kg			10/05/25 06:40	1
1,2,4-Trichlorobenzene	0.0010	U	0.0010	0.00036	mg/Kg			10/05/25 06:40	1
1,2,4-Trimethylbenzene	0.0010	U	0.0010	0.00025	mg/Kg			10/05/25 06:40	1
1,2-Dibromo-3-Chloropropane	0.0010	U	0.0010	0.00046	mg/Kg			10/05/25 06:40	1
1,2-Dichlorobenzene	0.0010	U	0.0010	0.00036	mg/Kg			10/05/25 06:40	1
1,2-Dichloroethane	0.0010	U	0.0010	0.00030	mg/Kg			10/05/25 06:40	1
1,2-Dichloropropane	0.0010	U	0.0010	0.00042	mg/Kg			10/05/25 06:40	1
1,3,5-Trimethylbenzene	0.0010	U	0.0010	0.00031	mg/Kg			10/05/25 06:40	1
1,3-Dichlorobenzene	0.0010	U	0.0010	0.00037	mg/Kg			10/05/25 06:40	1
1,4-Dichlorobenzene	0.0010	U	0.0010	0.00052	mg/Kg			10/05/25 06:40	1
2-Butanone (MEK)	0.0050	U	0.0050	0.00037	mg/Kg			10/05/25 06:40	1
2-Hexanone	0.0050	U	0.0050	0.0017	mg/Kg			10/05/25 06:40	1
4-Methyl-2-pentanone (MIBK)	0.0050	U	0.0050	0.0016	mg/Kg			10/05/25 06:40	1
Acetone	0.0060	U	0.0060	0.0057	mg/Kg			10/05/25 06:40	1
Benzene	0.0010	U	0.0010	0.00057	mg/Kg			10/05/25 06:40	1
Bromoform	0.0010	U	0.0010	0.00043	mg/Kg			10/05/25 06:40	1
Bromomethane	0.0020	U	0.0020	0.0010	mg/Kg			10/05/25 06:40	1
Carbon disulfide	0.0010	U	0.0010	0.00027	mg/Kg			10/05/25 06:40	1
Carbon tetrachloride	0.0010	U	0.0010	0.00039	mg/Kg			10/05/25 06:40	1
Chlorobenzene	0.0010	U	0.0010	0.00051	mg/Kg			10/05/25 06:40	1
Chlorobromomethane	0.0010	U	0.0010	0.00060	mg/Kg			10/05/25 06:40	1
Chlorodibromomethane	0.0010	U	0.0010	0.00054	mg/Kg			10/05/25 06:40	1
Chloroethane	0.0010	U	0.0010	0.00052	mg/Kg			10/05/25 06:40	1
Chloroform	0.0010	U	0.0010	0.00097	mg/Kg			10/05/25 06:40	1

Method: 8260D - Volatile Organic Compounds by GC/MS (Continued)

Lab Sample ID: MB 460-1066000/7
Matrix: Solid
Analysis Batch: 1066000

Client Sample ID: Method Blank
Prep Type: Total/NA

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloromethane	0.0010	U	0.0010	0.00044	mg/Kg			10/05/25 06:40	1
Chloromethane	0.0010	U	0.0010	0.00044	mg/Kg			10/05/25 06:40	1
cis-1,2-Dichloroethene	0.0010	U	0.0010	0.00036	mg/Kg			10/05/25 06:40	1
cis-1,3-Dichloropropene	0.0010	U	0.0010	0.00027	mg/Kg			10/05/25 06:40	1
Cyclohexane	0.0010	U	0.0010	0.00022	mg/Kg			10/05/25 06:40	1
Dichlorobromomethane	0.0010	U	0.0010	0.00026	mg/Kg			10/05/25 06:40	1
Dichlorodifluoromethane	0.0010	U	0.0010	0.00034	mg/Kg			10/05/25 06:40	1
Ethylbenzene	0.0010	U	0.0010	0.00047	mg/Kg			10/05/25 06:40	1
Ethylene Dibromide	0.0010	U	0.0010	0.00050	mg/Kg			10/05/25 06:40	1
Isopropylbenzene	0.0010	U	0.0010	0.00029	mg/Kg			10/05/25 06:40	1
Methyl acetate	0.0050	U	0.0050	0.0043	mg/Kg			10/05/25 06:40	1
Methyl tert-butyl ether	0.0010	U	0.0010	0.00051	mg/Kg			10/05/25 06:40	1
Methylcyclohexane	0.0010	U	0.0010	0.00050	mg/Kg			10/05/25 06:40	1
Methylene Chloride	0.0020	U	0.0020	0.0011	mg/Kg			10/05/25 06:40	1
m-Xylene & p-Xylene	0.0010	U	0.0010	0.00042	mg/Kg			10/05/25 06:40	1
n-Butylbenzene	0.0010	U	0.0010	0.00029	mg/Kg			10/05/25 06:40	1
N-Propylbenzene	0.0010	U	0.0010	0.00045	mg/Kg			10/05/25 06:40	1
o-Xylene	0.0010	U	0.0010	0.00046	mg/Kg			10/05/25 06:40	1
sec-Butylbenzene	0.0010	U	0.0010	0.00029	mg/Kg			10/05/25 06:40	1
Styrene	0.0010	U	0.0010	0.00028	mg/Kg			10/05/25 06:40	1
tert-Butylbenzene	0.0010	U	0.0010	0.00028	mg/Kg			10/05/25 06:40	1
Tetrachloroethene	0.0010	U	0.0010	0.00031	mg/Kg			10/05/25 06:40	1
Toluene	0.0010	U	0.0010	0.00023	mg/Kg			10/05/25 06:40	1
trans-1,2-Dichloroethene	0.0010	U	0.0010	0.00025	mg/Kg			10/05/25 06:40	1
trans-1,3-Dichloropropene	0.0010	U	0.0010	0.00027	mg/Kg			10/05/25 06:40	1
Trichloroethene	0.0010	U	0.0010	0.00032	mg/Kg			10/05/25 06:40	1
Trichlorofluoromethane	0.0010	U	0.0010	0.00041	mg/Kg			10/05/25 06:40	1
Vinyl chloride	0.0010	U	0.0010	0.00055	mg/Kg			10/05/25 06:40	1
Xylenes, Total	0.0020	U	0.0020	0.00017	mg/Kg			10/05/25 06:40	1

Surrogate	*MB %Recovery*	*MB Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,2-Dichloroethane-d4 (Surr)	*111*		*65 - 138*		*10/05/25 06:40*	*1*
4-Bromofluorobenzene	*89*		*71 - 128*		*10/05/25 06:40*	*1*
Dibromofluoromethane (Surr)	*105*		*50 - 150*		*10/05/25 06:40*	*1*
Toluene-d8 (Surr)	*98*		*71 - 126*		*10/05/25 06:40*	*1*

Lab Sample ID: LCS 460-1066000/2
Matrix: Solid
Analysis Batch: 1066000

Client Sample ID: Lab Control Sample
Prep Type: Total/NA

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
1,1,1-Trichloroethane	0.0200	0.0216		mg/Kg		108	78 - 120
1,1,2,2-Tetrachloroethane	0.0200	0.0203		mg/Kg		101	70 - 133
1,1,2-Trichloro-1,2,2-trifluoroethane	0.0200	0.0223		mg/Kg		112	75 - 121
1,1,2-Trichloroethane	0.0200	0.0200		mg/Kg		100	80 - 120
1,1-Dichloroethane	0.0200	0.0219		mg/Kg		110	72 - 120
1,1-Dichloroethene	0.0200	0.0215		mg/Kg		108	76 - 120
1,2,3-Trichlorobenzene	0.0200	0.0206		mg/Kg		103	77 - 137

Method: 8260D - Volatile Organic Compounds by GC/MS (Continued)

Lab Sample ID: LCS 460-1066000/2
Matrix: Solid
Analysis Batch: 1066000

Client Sample ID: Lab Control Sample
Prep Type: Total/NA

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
1,2,4-Trichlorobenzene	0.0200	0.0206		mg/Kg		103	77 - 136
1,2,4-Trimethylbenzene	0.0200	0.0201		mg/Kg		100	75 - 120
1,2-Dibromo-3-Chloropropane	0.0200	0.0191		mg/Kg		95	80 - 124
1,2-Dichlorobenzene	0.0200	0.0198		mg/Kg		99	80 - 120
1,2-Dichloroethane	0.0200	0.0225		mg/Kg		113	70 - 123
1,2-Dichloropropane	0.0200	0.0208		mg/Kg		104	73 - 124
1,3,5-Trimethylbenzene	0.0200	0.0201		mg/Kg		100	70 - 120
1,3-Dichlorobenzene	0.0200	0.0203		mg/Kg		101	80 - 120
1,4-Dichlorobenzene	0.0200	0.0201		mg/Kg		101	80 - 120
2-Butanone (MEK)	0.100	0.108		mg/Kg		108	64 - 128
2-Hexanone	0.100	0.109		mg/Kg		109	75 - 120
4-Methyl-2-pentanone (MIBK)	0.100	0.110		mg/Kg		110	80 - 120
Acetone	0.100	0.102		mg/Kg		102	58 - 122
Benzene	0.0200	0.0202		mg/Kg		101	75 - 120
Bromoform	0.0200	0.0176		mg/Kg		88	61 - 125
Bromomethane	0.0200	0.0131		mg/Kg		65	37 - 150
Carbon disulfide	0.0200	0.0217		mg/Kg		109	57 - 133
Carbon tetrachloride	0.0200	0.0205		mg/Kg		103	66 - 127
Chlorobenzene	0.0200	0.0199		mg/Kg		100	80 - 120
Chlorobromomethane	0.0200	0.0219		mg/Kg		109	76 - 127
Chlorodibromomethane	0.0200	0.0184		mg/Kg		92	72 - 120
Chloroethane	0.0200	0.0176		mg/Kg		88	60 - 123
Chloroform	0.0200	0.0223		mg/Kg		111	79 - 126
Chloromethane	0.0200	0.0157		mg/Kg		78	46 - 122
cis-1,2-Dichloroethene	0.0200	0.0211		mg/Kg		106	80 - 123
cis-1,3-Dichloropropene	0.0200	0.0197		mg/Kg		99	75 - 120
Cyclohexane	0.0200	0.0220		mg/Kg		110	65 - 132
Dichlorobromomethane	0.0200	0.0209		mg/Kg		104	77 - 124
Dichlorodifluoromethane	0.0200	0.0159		mg/Kg		80	45 - 129
Ethylbenzene	0.0200	0.0200		mg/Kg		100	80 - 120
Ethylene Dibromide	0.0200	0.0205		mg/Kg		102	79 - 120
Isopropylbenzene	0.0200	0.0204		mg/Kg		102	74 - 120
Methyl acetate	0.0400	0.0464		mg/Kg		116	57 - 120
Methyl tert-butyl ether	0.0200	0.0208		mg/Kg		104	74 - 125
Methylcyclohexane	0.0200	0.0221		mg/Kg		110	66 - 125
Methylene Chloride	0.0200	0.0217		mg/Kg		109	78 - 120
m-Xylene & p-Xylene	0.0200	0.0202		mg/Kg		101	80 - 120
n-Butylbenzene	0.0200	0.0214		mg/Kg		107	72 - 120
N-Propylbenzene	0.0200	0.0199		mg/Kg		99	68 - 120
o-Xylene	0.0200	0.0201		mg/Kg		101	80 - 120
sec-Butylbenzene	0.0200	0.0203		mg/Kg		102	78 - 120
Styrene	0.0200	0.0208		mg/Kg		104	80 - 120
tert-Butylbenzene	0.0200	0.0204		mg/Kg		102	80 - 120
Tetrachloroethene	0.0200	0.0205		mg/Kg		103	73 - 120
Toluene	0.0200	0.0198		mg/Kg		99	80 - 120
trans-1,2-Dichloroethene	0.0200	0.0214		mg/Kg		107	78 - 120
trans-1,3-Dichloropropene	0.0200	0.0188		mg/Kg		94	77 - 120
Trichloroethene	0.0200	0.0215		mg/Kg		107	80 - 120
Trichlorofluoromethane	0.0200	0.0178		mg/Kg		89	61 - 130

Method: 8260D - Volatile Organic Compounds by GC/MS (Continued)

Lab Sample ID: LCS 460-1066000/2
Matrix: Solid
Analysis Batch: 1066000

Client Sample ID: Lab Control Sample
Prep Type: Total/NA

Analyte			Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits		
Vinyl chloride			0.0200	0.0187		mg/Kg		93	54 - 122		
Xylenes, Total			0.0400	0.0404		mg/Kg		101	80 - 120		

Surrogate	*LCS %Recovery*	*LCS Qualifier*	*Limits*
1,2-Dichloroethane-d4 (Surr)	*108*		*65 - 138*
4-Bromofluorobenzene	*87*		*71 - 128*
Dibromofluoromethane (Surr)	*104*		*50 - 150*
Toluene-d8 (Surr)	*99*		*71 - 126*

Lab Sample ID: LCSD 460-1066000/3
Matrix: Solid
Analysis Batch: 1066000

Client Sample ID: Lab Control Sample Dup
Prep Type: Total/NA

Analyte			Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
1,1,1-Trichloroethane			0.0200	0.0216		mg/Kg		108	78 - 120	0	30
1,1,2,2-Tetrachloroethane			0.0200	0.0211		mg/Kg		105	70 - 133	4	30
1,1,2-Trichloro-1,2,2-trifluoroethane			0.0200	0.0230		mg/Kg		115	75 - 121	3	30
1,1,2-Trichloroethane			0.0200	0.0205		mg/Kg		102	80 - 120	2	30
1,1-Dichloroethane			0.0200	0.0220		mg/Kg		110	72 - 120	0	30
1,1-Dichloroethene			0.0200	0.0219		mg/Kg		109	76 - 120	2	30
1,2,3-Trichlorobenzene			0.0200	0.0214		mg/Kg		107	77 - 137	4	30
1,2,4-Trichlorobenzene			0.0200	0.0213		mg/Kg		107	77 - 136	3	30
1,2,4-Trimethylbenzene			0.0200	0.0207		mg/Kg		103	75 - 120	3	30
1,2-Dibromo-3-Chloropropane			0.0200	0.0199		mg/Kg		100	80 - 124	4	30
1,2-Dichlorobenzene			0.0200	0.0209		mg/Kg		104	80 - 120	5	30
1,2-Dichloroethane			0.0200	0.0232		mg/Kg		116	70 - 123	3	30
1,2-Dichloropropane			0.0200	0.0215		mg/Kg		107	73 - 124	3	30
1,3,5-Trimethylbenzene			0.0200	0.0208		mg/Kg		104	70 - 120	3	30
1,3-Dichlorobenzene			0.0200	0.0206		mg/Kg		103	80 - 120	2	30
1,4-Dichlorobenzene			0.0200	0.0208		mg/Kg		104	80 - 120	4	30
2-Butanone (MEK)			0.100	0.111		mg/Kg		111	64 - 128	3	30
2-Hexanone			0.100	0.114		mg/Kg		114	75 - 120	4	30
4-Methyl-2-pentanone (MIBK)			0.100	0.114		mg/Kg		114	80 - 120	3	30
Acetone			0.100	0.105		mg/Kg		105	58 - 122	3	30
Benzene			0.0200	0.0207		mg/Kg		104	75 - 120	3	30
Bromoform			0.0200	0.0183		mg/Kg		91	61 - 125	4	30
Bromomethane			0.0200	0.0117		mg/Kg		59	37 - 150	11	30
Carbon disulfide			0.0200	0.0219		mg/Kg		110	57 - 133	1	30
Carbon tetrachloride			0.0200	0.0215		mg/Kg		107	66 - 127	4	30
Chlorobenzene			0.0200	0.0208		mg/Kg		104	80 - 120	4	30
Chlorobromomethane			0.0200	0.0215		mg/Kg		108	76 - 127	2	30
Chlorodibromomethane			0.0200	0.0189		mg/Kg		95	72 - 120	3	30
Chloroethane			0.0200	0.0161		mg/Kg		80	60 - 123	9	30
Chloroform			0.0200	0.0224		mg/Kg		112	79 - 126	0	30
Chloromethane			0.0200	0.0143		mg/Kg		71	46 - 122	9	30
cis-1,2-Dichloroethene			0.0200	0.0211		mg/Kg		105	80 - 123	0	30
cis-1,3-Dichloropropene			0.0200	0.0203		mg/Kg		101	75 - 120	3	30
Cyclohexane			0.0200	0.0226		mg/Kg		113	65 - 132	2	30

Method: 8260D - Volatile Organic Compounds by GC/MS (Continued)

Lab Sample ID: LCSD 460-1066000/3
Matrix: Solid
Analysis Batch: 1066000

Client Sample ID: Lab Control Sample Dup
Prep Type: Total/NA

Analyte	Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Dichlorobromomethane	0.0200	0.0212		mg/Kg		106	77 - 124	2	30
Dichlorodifluoromethane	0.0200	0.0143		mg/Kg		71	45 - 129	11	30
Ethylbenzene	0.0200	0.0203		mg/Kg		101	80 - 120	1	30
Ethylene Dibromide	0.0200	0.0210		mg/Kg		105	79 - 120	2	30
Isopropylbenzene	0.0200	0.0206		mg/Kg		103	74 - 120	1	30
Methyl acetate	0.0400	0.0462		mg/Kg		115	57 - 120	0	30
Methyl tert-butyl ether	0.0200	0.0213		mg/Kg		106	74 - 125	2	30
Methylcyclohexane	0.0200	0.0228		mg/Kg		114	66 - 125	3	30
Methylene Chloride	0.0200	0.0223		mg/Kg		111	78 - 120	3	30
m-Xylene & p-Xylene	0.0200	0.0208		mg/Kg		104	80 - 120	3	30
n-Butylbenzene	0.0200	0.0217		mg/Kg		108	72 - 120	2	30
N-Propylbenzene	0.0200	0.0206		mg/Kg		103	68 - 120	3	30
o-Xylene	0.0200	0.0202		mg/Kg		101	80 - 120	0	30
sec-Butylbenzene	0.0200	0.0212		mg/Kg		106	78 - 120	4	30
Styrene	0.0200	0.0213		mg/Kg		106	80 - 120	2	30
tert-Butylbenzene	0.0200	0.0213		mg/Kg		106	80 - 120	4	30
Tetrachloroethene	0.0200	0.0208		mg/Kg		104	73 - 120	2	30
Toluene	0.0200	0.0205		mg/Kg		102	80 - 120	3	30
trans-1,2-Dichloroethene	0.0200	0.0221		mg/Kg		110	78 - 120	3	30
trans-1,3-Dichloropropene	0.0200	0.0194		mg/Kg		97	77 - 120	4	30
Trichloroethene	0.0200	0.0218		mg/Kg		109	80 - 120	2	30
Trichlorofluoromethane	0.0200	0.0161		mg/Kg		80	61 - 130	10	30
Vinyl chloride	0.0200	0.0168		mg/Kg		84	54 - 122	11	30
Xylenes, Total	0.0400	0.0410		mg/Kg		103	80 - 120	2	30

Surrogate	*LCSD %Recovery*	*LCSD Qualifier*	*Limits*
1,2-Dichloroethane-d4 (Surr)	*112*		*65 - 138*
4-Bromofluorobenzene	*89*		*71 - 128*
Dibromofluoromethane (Surr)	*105*		*50 - 150*
Toluene-d8 (Surr)	*102*		*71 - 126*

Lab Sample ID: MB 460-1066018/8
Matrix: Solid
Analysis Batch: 1066018

Client Sample ID: Method Blank
Prep Type: Total/NA

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1-Trichloroethane	0.0010	U	0.0010	0.00023	mg/Kg			10/05/25 22:17	1
1,1,2,2-Tetrachloroethane	0.0010	U	0.0010	0.00052	mg/Kg			10/05/25 22:17	1
1,1,2-Trichloro-1,2,2-trifluoroethane	0.0010	U	0.0010	0.00030	mg/Kg			10/05/25 22:17	1
1,1,2-Trichloroethane	0.0010	U	0.0010	0.00060	mg/Kg			10/05/25 22:17	1
1,1-Dichloroethane	0.0010	U	0.0010	0.00060	mg/Kg			10/05/25 22:17	1
1,1-Dichloroethene	0.0010	U	0.0010	0.00023	mg/Kg			10/05/25 22:17	1
1,2,3-Trichlorobenzene	0.0010	U	0.0010	0.00074	mg/Kg			10/05/25 22:17	1
1,2,4-Trichlorobenzene	0.0010	U	0.0010	0.00036	mg/Kg			10/05/25 22:17	1
1,2,4-Trimethylbenzene	0.0010	U	0.0010	0.00025	mg/Kg			10/05/25 22:17	1
1,2-Dibromo-3-Chloropropane	0.0010	U	0.0010	0.00046	mg/Kg			10/05/25 22:17	1
1,2-Dichlorobenzene	0.0010	U	0.0010	0.00036	mg/Kg			10/05/25 22:17	1
1,2-Dichloroethane	0.0010	U	0.0010	0.00030	mg/Kg			10/05/25 22:17	1

Method: 8260D - Volatile Organic Compounds by GC/MS (Continued)

Lab Sample ID: MB 460-1066018/8
Matrix: Solid
Analysis Batch: 1066018

Client Sample ID: Method Blank
Prep Type: Total/NA

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,2-Dichloropropane	0.0010	U	0.0010	0.00042	mg/Kg			10/05/25 22:17	1
1,2-Dichloropropane	0.0010	U	0.0010	0.00042	mg/Kg			10/05/25 22:17	1
1,3,5-Trimethylbenzene	0.0010	U	0.0010	0.00031	mg/Kg			10/05/25 22:17	1
1,3-Dichlorobenzene	0.0010	U	0.0010	0.00037	mg/Kg			10/05/25 22:17	1
1,4-Dichlorobenzene	0.0010	U	0.0010	0.00052	mg/Kg			10/05/25 22:17	1
2-Butanone (MEK)	0.0050	U	0.0050	0.00037	mg/Kg			10/05/25 22:17	1
2-Hexanone	0.0050	U	0.0050	0.0017	mg/Kg			10/05/25 22:17	1
4-Methyl-2-pentanone (MIBK)	0.0050	U	0.0050	0.0016	mg/Kg			10/05/25 22:17	1
Acetone	0.0060	U	0.0060	0.0057	mg/Kg			10/05/25 22:17	1
Benzene	0.0010	U	0.0010	0.00057	mg/Kg			10/05/25 22:17	1
Bromoform	0.0010	U	0.0010	0.00043	mg/Kg			10/05/25 22:17	1
Bromomethane	0.0020	U	0.0020	0.0010	mg/Kg			10/05/25 22:17	1
Carbon disulfide	0.0010	U	0.0010	0.00027	mg/Kg			10/05/25 22:17	1
Carbon tetrachloride	0.0010	U	0.0010	0.00039	mg/Kg			10/05/25 22:17	1
Chlorobenzene	0.0010	U	0.0010	0.00051	mg/Kg			10/05/25 22:17	1
Chlorobromomethane	0.0010	U	0.0010	0.00060	mg/Kg			10/05/25 22:17	1
Chlorodibromomethane	0.0010	U	0.0010	0.00054	mg/Kg			10/05/25 22:17	1
Chloroethane	0.0010	U	0.0010	0.00052	mg/Kg			10/05/25 22:17	1
Chloroform	0.0010	U	0.0010	0.00097	mg/Kg			10/05/25 22:17	1
Chloromethane	0.0010	U	0.0010	0.00044	mg/Kg			10/05/25 22:17	1
cis-1,2-Dichloroethene	0.0010	U	0.0010	0.00036	mg/Kg			10/05/25 22:17	1
cis-1,3-Dichloropropene	0.0010	U	0.0010	0.00027	mg/Kg			10/05/25 22:17	1
Cyclohexane	0.0010	U	0.0010	0.00022	mg/Kg			10/05/25 22:17	1
Dichlorobromomethane	0.0010	U	0.0010	0.00026	mg/Kg			10/05/25 22:17	1
Dichlorodifluoromethane	0.0010	U	0.0010	0.00034	mg/Kg			10/05/25 22:17	1
Ethylbenzene	0.0010	U	0.0010	0.00047	mg/Kg			10/05/25 22:17	1
Ethylene Dibromide	0.0010	U	0.0010	0.00050	mg/Kg			10/05/25 22:17	1
Isopropylbenzene	0.0010	U	0.0010	0.00029	mg/Kg			10/05/25 22:17	1
Methyl acetate	0.0050	U	0.0050	0.0043	mg/Kg			10/05/25 22:17	1
Methyl tert-butyl ether	0.0010	U	0.0010	0.00051	mg/Kg			10/05/25 22:17	1
Methylcyclohexane	0.0010	U	0.0010	0.00050	mg/Kg			10/05/25 22:17	1
Methylene Chloride	0.0020	U	0.0020	0.0011	mg/Kg			10/05/25 22:17	1
m-Xylene & p-Xylene	0.0010	U	0.0010	0.00042	mg/Kg			10/05/25 22:17	1
n-Butylbenzene	0.0010	U	0.0010	0.00029	mg/Kg			10/05/25 22:17	1
N-Propylbenzene	0.0010	U	0.0010	0.00045	mg/Kg			10/05/25 22:17	1
o-Xylene	0.0010	U	0.0010	0.00046	mg/Kg			10/05/25 22:17	1
sec-Butylbenzene	0.0010	U	0.0010	0.00029	mg/Kg			10/05/25 22:17	1
Styrene	0.0010	U	0.0010	0.00028	mg/Kg			10/05/25 22:17	1
tert-Butylbenzene	0.0010	U	0.0010	0.00028	mg/Kg			10/05/25 22:17	1
Tetrachloroethene	0.0010	U	0.0010	0.00031	mg/Kg			10/05/25 22:17	1
Toluene	0.0010	U	0.0010	0.00023	mg/Kg			10/05/25 22:17	1
trans-1,2-Dichloroethene	0.0010	U	0.0010	0.00025	mg/Kg			10/05/25 22:17	1
trans-1,3-Dichloropropene	0.0010	U	0.0010	0.00027	mg/Kg			10/05/25 22:17	1
Trichloroethene	0.0010	U	0.0010	0.00032	mg/Kg			10/05/25 22:17	1
Trichlorofluoromethane	0.0010	U	0.0010	0.00041	mg/Kg			10/05/25 22:17	1
Vinyl chloride	0.0010	U	0.0010	0.00055	mg/Kg			10/05/25 22:17	1
Xylenes, Total	0.0020	U	0.0020	0.00017	mg/Kg			10/05/25 22:17	1

Method: 8260D - Volatile Organic Compounds by GC/MS (Continued)

Lab Sample ID: MB 460-1066018/8
Matrix: Solid
Analysis Batch: 1066018

Client Sample ID: Method Blank
Prep Type: Total/NA

Surrogate	MB %Recovery	MB Qualifier	Limits	Prepared	Analyzed	Dil Fac
1,2-Dichloroethane-d4 (Surr)	115		65 - 138		10/05/25 22:17	1
4-Bromofluorobenzene	91		71 - 128		10/05/25 22:17	1
Dibromofluoromethane (Surr)	105		50 - 150		10/05/25 22:17	1
Toluene-d8 (Surr)	100		71 - 126		10/05/25 22:17	1

Lab Sample ID: LCS 460-1066018/3
Matrix: Solid
Analysis Batch: 1066018

Client Sample ID: Lab Control Sample
Prep Type: Total/NA

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
1,1,1-Trichloroethane	0.0200	0.0216		mg/Kg		108	78 - 120
1,1,2,2-Tetrachloroethane	0.0200	0.0207		mg/Kg		103	70 - 133
1,1,2-Trichloro-1,2,2-trifluoroethane	0.0200	0.0227		mg/Kg		114	75 - 121
1,1,2-Trichloroethane	0.0200	0.0203		mg/Kg		101	80 - 120
1,1-Dichloroethane	0.0200	0.0224		mg/Kg		112	72 - 120
1,1-Dichloroethene	0.0200	0.0215		mg/Kg		108	76 - 120
1,2,3-Trichlorobenzene	0.0200	0.0196		mg/Kg		98	77 - 137
1,2,4-Trichlorobenzene	0.0200	0.0188		mg/Kg		94	77 - 136
1,2,4-Trimethylbenzene	0.0200	0.0198		mg/Kg		99	75 - 120
1,2-Dibromo-3-Chloropropane	0.0200	0.0202		mg/Kg		101	80 - 124
1,2-Dichlorobenzene	0.0200	0.0191		mg/Kg		95	80 - 120
1,2-Dichloroethane	0.0200	0.0235		mg/Kg		118	70 - 123
1,2-Dichloropropane	0.0200	0.0215		mg/Kg		108	73 - 124
1,3,5-Trimethylbenzene	0.0200	0.0198		mg/Kg		99	70 - 120
1,3-Dichlorobenzene	0.0200	0.0196		mg/Kg		98	80 - 120
1,4-Dichlorobenzene	0.0200	0.0191		mg/Kg		95	80 - 120
2-Butanone (MEK)	0.100	0.107		mg/Kg		107	64 - 128
2-Hexanone	0.100	0.107		mg/Kg		107	75 - 120
4-Methyl-2-pentanone (MIBK)	0.100	0.108		mg/Kg		108	80 - 120
Acetone	0.100	0.0991		mg/Kg		99	58 - 122
Benzene	0.0200	0.0203		mg/Kg		101	75 - 120
Bromoform	0.0200	0.0186		mg/Kg		93	61 - 125
Bromomethane	0.0200	0.0170		mg/Kg		85	37 - 150
Carbon disulfide	0.0200	0.0216		mg/Kg		108	57 - 133
Carbon tetrachloride	0.0200	0.0208		mg/Kg		104	66 - 127
Chlorobenzene	0.0200	0.0200		mg/Kg		100	80 - 120
Chlorobromomethane	0.0200	0.0222		mg/Kg		111	76 - 127
Chlorodibromomethane	0.0200	0.0189		mg/Kg		94	72 - 120
Chloroethane	0.0200	0.0239		mg/Kg		120	60 - 123
Chloroform	0.0200	0.0225		mg/Kg		113	79 - 126
Chloromethane	0.0200	0.0229		mg/Kg		114	46 - 122
cis-1,2-Dichloroethene	0.0200	0.0214		mg/Kg		107	80 - 123
cis-1,3-Dichloropropene	0.0200	0.0194		mg/Kg		97	75 - 120
Cyclohexane	0.0200	0.0224		mg/Kg		112	65 - 132
Dichlorobromomethane	0.0200	0.0212		mg/Kg		106	77 - 124
Dichlorodifluoromethane	0.0200	0.0246		mg/Kg		123	45 - 129
Ethylbenzene	0.0200	0.0201		mg/Kg		100	80 - 120
Ethylene Dibromide	0.0200	0.0206		mg/Kg		103	79 - 120

Method: 8260D - Volatile Organic Compounds by GC/MS (Continued)

Lab Sample ID: LCS 460-1066018/3
Matrix: Solid
Analysis Batch: 1066018

Client Sample ID: Lab Control Sample
Prep Type: Total/NA

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
Isopropylbenzene	0.0200	0.0201		mg/Kg		101	74 - 120
Methyl acetate	0.0400	0.0490	*	mg/Kg		123	57 - 120
Methyl tert-butyl ether	0.0200	0.0214		mg/Kg		107	74 - 125
Methylcyclohexane	0.0200	0.0221		mg/Kg		111	66 - 125
Methylene Chloride	0.0200	0.0217		mg/Kg		109	78 - 120
m-Xylene & p-Xylene	0.0200	0.0198		mg/Kg		99	80 - 120
n-Butylbenzene	0.0200	0.0198		mg/Kg		99	72 - 120
N-Propylbenzene	0.0200	0.0198		mg/Kg		99	68 - 120
o-Xylene	0.0200	0.0198		mg/Kg		99	80 - 120
sec-Butylbenzene	0.0200	0.0200		mg/Kg		100	78 - 120
Styrene	0.0200	0.0208		mg/Kg		104	80 - 120
tert-Butylbenzene	0.0200	0.0204		mg/Kg		102	80 - 120
Tetrachloroethene	0.0200	0.0199		mg/Kg		100	73 - 120
Toluene	0.0200	0.0200		mg/Kg		100	80 - 120
trans-1,2-Dichloroethene	0.0200	0.0214		mg/Kg		107	78 - 120
trans-1,3-Dichloropropene	0.0200	0.0186		mg/Kg		93	77 - 120
Trichloroethene	0.0200	0.0223		mg/Kg		112	80 - 120
Trichlorofluoromethane	0.0200	0.0217		mg/Kg		108	61 - 130
Vinyl chloride	0.0200	0.0253	*	mg/Kg		127	54 - 122
Xylenes, Total	0.0400	0.0397		mg/Kg		99	80 - 120

Surrogate	*LCS %Recovery*	*LCS Qualifier*	*Limits*
1,2-Dichloroethane-d4 (Surr)	*109*		*65 - 138*
4-Bromofluorobenzene	*85*		*71 - 128*
Dibromofluoromethane (Surr)	*103*		*50 - 150*
Toluene-d8 (Surr)	*97*		*71 - 126*

Lab Sample ID: LCSD 460-1066018/4
Matrix: Solid
Analysis Batch: 1066018

Client Sample ID: Lab Control Sample Dup
Prep Type: Total/NA

Analyte	Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
1,1,1-Trichloroethane	0.0200	0.0214		mg/Kg		107	78 - 120	1	30
1,1,2,2-Tetrachloroethane	0.0200	0.0202		mg/Kg		101	70 - 133	2	30
1,1,2-Trichloro-1,2,2-trifluoroethane	0.0200	0.0227		mg/Kg		113	75 - 121	0	30
1,1,2-Trichloroethane	0.0200	0.0201		mg/Kg		101	80 - 120	1	30
1,1-Dichloroethane	0.0200	0.0225		mg/Kg		113	72 - 120	1	30
1,1-Dichloroethene	0.0200	0.0216		mg/Kg		108	76 - 120	0	30
1,2,3-Trichlorobenzene	0.0200	0.0201		mg/Kg		100	77 - 137	2	30
1,2,4-Trichlorobenzene	0.0200	0.0196		mg/Kg		98	77 - 136	4	30
1,2,4-Trimethylbenzene	0.0200	0.0195		mg/Kg		98	75 - 120	1	30
1,2-Dibromo-3-Chloropropane	0.0200	0.0203		mg/Kg		101	80 - 124	0	30
1,2-Dichlorobenzene	0.0200	0.0195		mg/Kg		98	80 - 120	2	30
1,2-Dichloroethane	0.0200	0.0230		mg/Kg		115	70 - 123	2	30
1,2-Dichloropropane	0.0200	0.0212		mg/Kg		106	73 - 124	2	30
1,3,5-Trimethylbenzene	0.0200	0.0200		mg/Kg		100	70 - 120	1	30
1,3-Dichlorobenzene	0.0200	0.0198		mg/Kg		99	80 - 120	1	30
1,4-Dichlorobenzene	0.0200	0.0197		mg/Kg		99	80 - 120	3	30

Method: 8260D - Volatile Organic Compounds by GC/MS (Continued)

Lab Sample ID: LCSD 460-1066018/4
Matrix: Solid
Analysis Batch: 1066018

Client Sample ID: Lab Control Sample Dup
Prep Type: Total/NA

Analyte			Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
2-Butanone (MEK)			0.100	0.104		mg/Kg		104	64 - 128	3	30
2-Hexanone			0.100	0.106		mg/Kg		106	75 - 120	0	30
4-Methyl-2-pentanone (MIBK)			0.100	0.105		mg/Kg		105	80 - 120	2	30
Acetone			0.100	0.102		mg/Kg		102	58 - 122	3	30
Benzene			0.0200	0.0204		mg/Kg		102	75 - 120	1	30
Bromoform			0.0200	0.0183		mg/Kg		92	61 - 125	1	30
Bromomethane			0.0200	0.0169		mg/Kg		84	37 - 150	1	30
Carbon disulfide			0.0200	0.0215		mg/Kg		107	57 - 133	0	30
Carbon tetrachloride			0.0200	0.0206		mg/Kg		103	66 - 127	1	30
Chlorobenzene			0.0200	0.0203		mg/Kg		101	80 - 120	1	30
Chlorobromomethane			0.0200	0.0210		mg/Kg		105	76 - 127	6	30
Chlorodibromomethane			0.0200	0.0190		mg/Kg		95	72 - 120	1	30
Chloroethane			0.0200	0.0235		mg/Kg		117	60 - 123	2	30
Chloroform			0.0200	0.0224		mg/Kg		112	79 - 126	1	30
Chloromethane			0.0200	0.0225		mg/Kg		112	46 - 122	2	30
cis-1,2-Dichloroethene			0.0200	0.0214		mg/Kg		107	80 - 123	0	30
cis-1,3-Dichloropropene			0.0200	0.0195		mg/Kg		98	75 - 120	1	30
Cyclohexane			0.0200	0.0226		mg/Kg		113	65 - 132	1	30
Dichlorobromomethane			0.0200	0.0208		mg/Kg		104	77 - 124	2	30
Dichlorodifluoromethane			0.0200	0.0241		mg/Kg		121	45 - 129	2	30
Ethylbenzene			0.0200	0.0201		mg/Kg		100	80 - 120	0	30
Ethylene Dibromide			0.0200	0.0208		mg/Kg		104	79 - 120	1	30
Isopropylbenzene			0.0200	0.0204		mg/Kg		102	74 - 120	1	30
Methyl acetate			0.0400	0.0517	*	mg/Kg		129	57 - 120	5	30
Methyl tert-butyl ether			0.0200	0.0211		mg/Kg		105	74 - 125	2	30
Methylcyclohexane			0.0200	0.0228		mg/Kg		114	66 - 125	3	30
Methylene Chloride			0.0200	0.0218		mg/Kg		109	78 - 120	0	30
m-Xylene & p-Xylene			0.0200	0.0201		mg/Kg		101	80 - 120	1	30
n-Butylbenzene			0.0200	0.0200		mg/Kg		100	72 - 120	1	30
N-Propylbenzene			0.0200	0.0196		mg/Kg		98	68 - 120	1	30
o-Xylene			0.0200	0.0203		mg/Kg		101	80 - 120	2	30
sec-Butylbenzene			0.0200	0.0201		mg/Kg		100	78 - 120	0	30
Styrene			0.0200	0.0211		mg/Kg		106	80 - 120	2	30
tert-Butylbenzene			0.0200	0.0205		mg/Kg		103	80 - 120	1	30
Tetrachloroethene			0.0200	0.0200		mg/Kg		100	73 - 120	1	30
Toluene			0.0200	0.0203		mg/Kg		101	80 - 120	2	30
trans-1,2-Dichloroethene			0.0200	0.0219		mg/Kg		109	78 - 120	2	30
trans-1,3-Dichloropropene			0.0200	0.0189		mg/Kg		95	77 - 120	2	30
Trichloroethene			0.0200	0.0217		mg/Kg		109	80 - 120	3	30
Trichlorofluoromethane			0.0200	0.0218		mg/Kg		109	61 - 130	1	30
Vinyl chloride			0.0200	0.0257	*	mg/Kg		129	54 - 122	1	30
Xylenes, Total			0.0400	0.0404		mg/Kg		101	80 - 120	2	30

Surrogate	*LCSD %Recovery*	*LCSD Qualifier*	*Limits*
1,2-Dichloroethane-d4 (Surr)	*108*		*65 - 138*
4-Bromofluorobenzene	*83*		*71 - 128*
Dibromofluoromethane (Surr)	*101*		*50 - 150*
Toluene-d8 (Surr)	*98*		*71 - 126*

Method: 8260D - Volatile Organic Compounds by GC/MS (Continued)

Lab Sample ID: MB 460-1066136/7
Matrix: Solid
Analysis Batch: 1066136

Client Sample ID: Method Blank
Prep Type: Total/NA

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1-Trichloroethane	0.0010	U	0.0010	0.00023	mg/Kg			10/06/25 07:23	1
1,1,2,2-Tetrachloroethane	0.0010	U	0.0010	0.00052	mg/Kg			10/06/25 07:23	1
1,1,2-Trichloro-1,2,2-trifluoroethane	0.0010	U	0.0010	0.00030	mg/Kg			10/06/25 07:23	1
1,1,2-Trichloroethane	0.0010	U	0.0010	0.00060	mg/Kg			10/06/25 07:23	1
1,1-Dichloroethane	0.0010	U	0.0010	0.00060	mg/Kg			10/06/25 07:23	1
1,1-Dichloroethene	0.0010	U	0.0010	0.00023	mg/Kg			10/06/25 07:23	1
1,2,3-Trichlorobenzene	0.0010	U	0.0010	0.00074	mg/Kg			10/06/25 07:23	1
1,2,4-Trichlorobenzene	0.0010	U	0.0010	0.00036	mg/Kg			10/06/25 07:23	1
1,2,4-Trimethylbenzene	0.0010	U	0.0010	0.00025	mg/Kg			10/06/25 07:23	1
1,2-Dibromo-3-Chloropropane	0.0010	U	0.0010	0.00046	mg/Kg			10/06/25 07:23	1
1,2-Dichlorobenzene	0.0010	U	0.0010	0.00036	mg/Kg			10/06/25 07:23	1
1,2-Dichloroethane	0.0010	U	0.0010	0.00030	mg/Kg			10/06/25 07:23	1
1,2-Dichloropropane	0.0010	U	0.0010	0.00042	mg/Kg			10/06/25 07:23	1
1,3,5-Trimethylbenzene	0.0010	U	0.0010	0.00031	mg/Kg			10/06/25 07:23	1
1,3-Dichlorobenzene	0.0010	U	0.0010	0.00037	mg/Kg			10/06/25 07:23	1
1,4-Dichlorobenzene	0.0010	U	0.0010	0.00052	mg/Kg			10/06/25 07:23	1
2-Butanone (MEK)	0.0050	U	0.0050	0.00037	mg/Kg			10/06/25 07:23	1
2-Hexanone	0.0050	U	0.0050	0.0017	mg/Kg			10/06/25 07:23	1
4-Methyl-2-pentanone (MIBK)	0.0050	U	0.0050	0.0016	mg/Kg			10/06/25 07:23	1
Acetone	0.0060	U	0.0060	0.0057	mg/Kg			10/06/25 07:23	1
Benzene	0.0010	U	0.0010	0.00057	mg/Kg			10/06/25 07:23	1
Bromoform	0.0010	U	0.0010	0.00043	mg/Kg			10/06/25 07:23	1
Bromomethane	0.0020	U	0.0020	0.0010	mg/Kg			10/06/25 07:23	1
Carbon disulfide	0.0010	U	0.0010	0.00027	mg/Kg			10/06/25 07:23	1
Carbon tetrachloride	0.0010	U	0.0010	0.00039	mg/Kg			10/06/25 07:23	1
Chlorobenzene	0.0010	U	0.0010	0.00051	mg/Kg			10/06/25 07:23	1
Chlorobromomethane	0.0010	U	0.0010	0.00060	mg/Kg			10/06/25 07:23	1
Chlorodibromomethane	0.0010	U	0.0010	0.00054	mg/Kg			10/06/25 07:23	1
Chloroethane	0.0010	U	0.0010	0.00052	mg/Kg			10/06/25 07:23	1
Chloroform	0.0010	U	0.0010	0.00097	mg/Kg			10/06/25 07:23	1
Chloromethane	0.0010	U	0.0010	0.00044	mg/Kg			10/06/25 07:23	1
cis-1,2-Dichloroethene	0.0010	U	0.0010	0.00036	mg/Kg			10/06/25 07:23	1
cis-1,3-Dichloropropene	0.0010	U	0.0010	0.00027	mg/Kg			10/06/25 07:23	1
Cyclohexane	0.0010	U	0.0010	0.00022	mg/Kg			10/06/25 07:23	1
Dichlorobromomethane	0.0010	U	0.0010	0.00026	mg/Kg			10/06/25 07:23	1
Dichlorodifluoromethane	0.0010	U	0.0010	0.00034	mg/Kg			10/06/25 07:23	1
Ethylbenzene	0.0010	U	0.0010	0.00047	mg/Kg			10/06/25 07:23	1
Ethylene Dibromide	0.0010	U	0.0010	0.00050	mg/Kg			10/06/25 07:23	1
Isopropylbenzene	0.0010	U	0.0010	0.00029	mg/Kg			10/06/25 07:23	1
Methyl acetate	0.0050	U	0.0050	0.0043	mg/Kg			10/06/25 07:23	1
Methyl tert-butyl ether	0.0010	U	0.0010	0.00051	mg/Kg			10/06/25 07:23	1
Methylcyclohexane	0.0010	U	0.0010	0.00050	mg/Kg			10/06/25 07:23	1
Methylene Chloride	0.0020	U	0.0020	0.0011	mg/Kg			10/06/25 07:23	1
m-Xylene & p-Xylene	0.0010	U	0.0010	0.00042	mg/Kg			10/06/25 07:23	1
n-Butylbenzene	0.0010	U	0.0010	0.00029	mg/Kg			10/06/25 07:23	1
N-Propylbenzene	0.0010	U	0.0010	0.00045	mg/Kg			10/06/25 07:23	1
o-Xylene	0.0010	U	0.0010	0.00046	mg/Kg			10/06/25 07:23	1
sec-Butylbenzene	0.0010	U	0.0010	0.00029	mg/Kg			10/06/25 07:23	1

Method: 8260D - Volatile Organic Compounds by GC/MS (Continued)

Lab Sample ID: MB 460-1066136/7
Matrix: Solid
Analysis Batch: 1066136

Client Sample ID: Method Blank
Prep Type: Total/NA

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Styrene	0.0010	U	0.0010	0.00028	mg/Kg			10/06/25 07:23	1
Styrene	0.0010	U	0.0010	0.00028	mg/Kg			10/06/25 07:23	1
tert-Butylbenzene	0.0010	U	0.0010	0.00028	mg/Kg			10/06/25 07:23	1
Tetrachloroethene	0.0010	U	0.0010	0.00031	mg/Kg			10/06/25 07:23	1
Toluene	0.0010	U	0.0010	0.00023	mg/Kg			10/06/25 07:23	1
trans-1,2-Dichloroethene	0.0010	U	0.0010	0.00025	mg/Kg			10/06/25 07:23	1
trans-1,3-Dichloropropene	0.0010	U	0.0010	0.00027	mg/Kg			10/06/25 07:23	1
Trichloroethene	0.0010	U	0.0010	0.00032	mg/Kg			10/06/25 07:23	1
Trichlorofluoromethane	0.0010	U	0.0010	0.00041	mg/Kg			10/06/25 07:23	1
Vinyl chloride	0.0010	U	0.0010	0.00055	mg/Kg			10/06/25 07:23	1
Xylenes, Total	0.0020	U	0.0020	0.00017	mg/Kg			10/06/25 07:23	1

Surrogate	*MB %Recovery*	*MB Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,2-Dichloroethane-d4 (Surr)	*113*		*65 - 138*		*10/06/25 07:23*	*1*
4-Bromofluorobenzene	*92*		*71 - 128*		*10/06/25 07:23*	*1*
Dibromofluoromethane (Surr)	*109*		*50 - 150*		*10/06/25 07:23*	*1*
Toluene-d8 (Surr)	*101*		*71 - 126*		*10/06/25 07:23*	*1*

Lab Sample ID: LCS 460-1066136/2
Matrix: Solid
Analysis Batch: 1066136

Client Sample ID: Lab Control Sample
Prep Type: Total/NA

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
1,1,1-Trichloroethane	0.0200	0.0201		mg/Kg		100	78 - 120
1,1,2,2-Tetrachloroethane	0.0200	0.0193		mg/Kg		96	70 - 133
1,1,2-Trichloro-1,2,2-trifluoroethane	0.0200	0.0203		mg/Kg		102	75 - 121
1,1,2-Trichloroethane	0.0200	0.0192		mg/Kg		96	80 - 120
1,1-Dichloroethane	0.0200	0.0208		mg/Kg		104	72 - 120
1,1-Dichloroethene	0.0200	0.0201		mg/Kg		100	76 - 120
1,2,3-Trichlorobenzene	0.0200	0.0202		mg/Kg		101	77 - 137
1,2,4-Trichlorobenzene	0.0200	0.0197		mg/Kg		99	77 - 136
1,2,4-Trimethylbenzene	0.0200	0.0187		mg/Kg		93	75 - 120
1,2-Dibromo-3-Chloropropane	0.0200	0.0187		mg/Kg		94	80 - 124
1,2-Dichlorobenzene	0.0200	0.0187		mg/Kg		94	80 - 120
1,2-Dichloroethane	0.0200	0.0210		mg/Kg		105	70 - 123
1,2-Dichloropropane	0.0200	0.0191		mg/Kg		96	73 - 124
1,3,5-Trimethylbenzene	0.0200	0.0189		mg/Kg		95	70 - 120
1,3-Dichlorobenzene	0.0200	0.0187		mg/Kg		94	80 - 120
1,4-Dichlorobenzene	0.0200	0.0190		mg/Kg		95	80 - 120
2-Butanone (MEK)	0.100	0.0999		mg/Kg		100	64 - 128
2-Hexanone	0.100	0.0989		mg/Kg		99	75 - 120
4-Methyl-2-pentanone (MIBK)	0.100	0.0989		mg/Kg		99	80 - 120
Acetone	0.100	0.0924		mg/Kg		92	58 - 122
Benzene	0.0200	0.0190		mg/Kg		95	75 - 120
Bromoform	0.0200	0.0170		mg/Kg		85	61 - 125
Bromomethane	0.0200	0.0146		mg/Kg		73	37 - 150
Carbon disulfide	0.0200	0.0196		mg/Kg		98	57 - 133
Carbon tetrachloride	0.0200	0.0195		mg/Kg		98	66 - 127

Method: 8260D - Volatile Organic Compounds by GC/MS (Continued)

Lab Sample ID: LCS 460-1066136/2
Matrix: Solid
Analysis Batch: 1066136

Client Sample ID: Lab Control Sample
Prep Type: Total/NA

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
Chlorobenzene	0.0200	0.0191		mg/Kg		95	80 - 120
Chlorobromomethane	0.0200	0.0200		mg/Kg		100	76 - 127
Chlorodibromomethane	0.0200	0.0174		mg/Kg		87	72 - 120
Chloroethane	0.0200	0.0205		mg/Kg		103	60 - 123
Chloroform	0.0200	0.0208		mg/Kg		104	79 - 126
Chloromethane	0.0200	0.0195		mg/Kg		97	46 - 122
cis-1,2-Dichloroethene	0.0200	0.0198		mg/Kg		99	80 - 123
cis-1,3-Dichloropropene	0.0200	0.0184		mg/Kg		92	75 - 120
Cyclohexane	0.0200	0.0207		mg/Kg		104	65 - 132
Dichlorobromomethane	0.0200	0.0192		mg/Kg		96	77 - 124
Dichlorodifluoromethane	0.0200	0.0229		mg/Kg		115	45 - 129
Ethylbenzene	0.0200	0.0187		mg/Kg		94	80 - 120
Ethylene Dibromide	0.0200	0.0193		mg/Kg		97	79 - 120
Isopropylbenzene	0.0200	0.0190		mg/Kg		95	74 - 120
Methyl acetate	0.0400	0.0440		mg/Kg		110	57 - 120
Methyl tert-butyl ether	0.0200	0.0198		mg/Kg		99	74 - 125
Methylcyclohexane	0.0200	0.0209		mg/Kg		104	66 - 125
Methylene Chloride	0.0200	0.0206		mg/Kg		103	78 - 120
m-Xylene & p-Xylene	0.0200	0.0188		mg/Kg		94	80 - 120
n-Butylbenzene	0.0200	0.0200		mg/Kg		100	72 - 120
N-Propylbenzene	0.0200	0.0187		mg/Kg		93	68 - 120
o-Xylene	0.0200	0.0185		mg/Kg		93	80 - 120
sec-Butylbenzene	0.0200	0.0195		mg/Kg		97	78 - 120
Styrene	0.0200	0.0193		mg/Kg		96	80 - 120
tert-Butylbenzene	0.0200	0.0192		mg/Kg		96	80 - 120
Tetrachloroethene	0.0200	0.0189		mg/Kg		95	73 - 120
Toluene	0.0200	0.0186		mg/Kg		93	80 - 120
trans-1,2-Dichloroethene	0.0200	0.0203		mg/Kg		102	78 - 120
trans-1,3-Dichloropropene	0.0200	0.0177		mg/Kg		88	77 - 120
Trichloroethene	0.0200	0.0202		mg/Kg		101	80 - 120
Trichlorofluoromethane	0.0200	0.0197		mg/Kg		99	61 - 130
Vinyl chloride	0.0200	0.0224		mg/Kg		112	54 - 122
Xylenes, Total	0.0400	0.0373		mg/Kg		93	80 - 120

Surrogate	*LCS %Recovery*	*LCS Qualifier*	*Limits*
1,2-Dichloroethane-d4 (Surr)	*107*		*65 - 138*
4-Bromofluorobenzene	*83*		*71 - 128*
Dibromofluoromethane (Surr)	*98*		*50 - 150*
Toluene-d8 (Surr)	*95*		*71 - 126*

Lab Sample ID: LCSD 460-1066136/3
Matrix: Solid
Analysis Batch: 1066136

Client Sample ID: Lab Control Sample Dup
Prep Type: Total/NA

Analyte	Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
1,1,1-Trichloroethane	0.0200	0.0211		mg/Kg		105	78 - 120	5	30
1,1,2,2-Tetrachloroethane	0.0200	0.0206		mg/Kg		103	70 - 133	7	30
1,1,2-Trichloro-1,2,2-trifluoroethane	0.0200	0.0226		mg/Kg		113	75 - 121	10	30

Method: 8260D - Volatile Organic Compounds by GC/MS (Continued)

Lab Sample ID: LCSD 460-1066136/3
Matrix: Solid
Analysis Batch: 1066136

Client Sample ID: Lab Control Sample Dup
Prep Type: Total/NA

Analyte	Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
1,1,2-Trichloroethane	0.0200	0.0206		mg/Kg		103	80 - 120	7	30
1,1-Dichloroethane	0.0200	0.0219		mg/Kg		109	72 - 120	5	30
1,1-Dichloroethene	0.0200	0.0211		mg/Kg		106	76 - 120	5	30
1,2,3-Trichlorobenzene	0.0200	0.0203		mg/Kg		101	77 - 137	0	30
1,2,4-Trichlorobenzene	0.0200	0.0206		mg/Kg		103	77 - 136	4	30
1,2,4-Trimethylbenzene	0.0200	0.0200		mg/Kg		100	75 - 120	7	30
1,2-Dibromo-3-Chloropropane	0.0200	0.0194		mg/Kg		97	80 - 124	4	30
1,2-Dichlorobenzene	0.0200	0.0195		mg/Kg		97	80 - 120	4	30
1,2-Dichloroethane	0.0200	0.0226		mg/Kg		113	70 - 123	7	30
1,2-Dichloropropane	0.0200	0.0207		mg/Kg		104	73 - 124	8	30
1,3,5-Trimethylbenzene	0.0200	0.0199		mg/Kg		100	70 - 120	5	30
1,3-Dichlorobenzene	0.0200	0.0201		mg/Kg		101	80 - 120	7	30
1,4-Dichlorobenzene	0.0200	0.0200		mg/Kg		100	80 - 120	5	30
2-Butanone (MEK)	0.100	0.106		mg/Kg		106	64 - 128	6	30
2-Hexanone	0.100	0.106		mg/Kg		106	75 - 120	7	30
4-Methyl-2-pentanone (MIBK)	0.100	0.105		mg/Kg		105	80 - 120	6	30
Acetone	0.100	0.100		mg/Kg		100	58 - 122	8	30
Benzene	0.0200	0.0202		mg/Kg		101	75 - 120	6	30
Bromoform	0.0200	0.0177		mg/Kg		89	61 - 125	4	30
Bromomethane	0.0200	0.0164		mg/Kg		82	37 - 150	12	30
Carbon disulfide	0.0200	0.0208		mg/Kg		104	57 - 133	6	30
Carbon tetrachloride	0.0200	0.0206		mg/Kg		103	66 - 127	5	30
Chlorobenzene	0.0200	0.0199		mg/Kg		99	80 - 120	4	30
Chlorobromomethane	0.0200	0.0212		mg/Kg		106	76 - 127	6	30
Chlorodibromomethane	0.0200	0.0183		mg/Kg		92	72 - 120	5	30
Chloroethane	0.0200	0.0225		mg/Kg		113	60 - 123	9	30
Chloroform	0.0200	0.0216		mg/Kg		108	79 - 126	4	30
Chloromethane	0.0200	0.0219		mg/Kg		109	46 - 122	12	30
cis-1,2-Dichloroethene	0.0200	0.0209		mg/Kg		105	80 - 123	6	30
cis-1,3-Dichloropropene	0.0200	0.0191		mg/Kg		95	75 - 120	3	30
Cyclohexane	0.0200	0.0219		mg/Kg		110	65 - 132	6	30
Dichlorobromomethane	0.0200	0.0207		mg/Kg		103	77 - 124	7	30
Dichlorodifluoromethane	0.0200	0.0249		mg/Kg		125	45 - 129	8	30
Ethylbenzene	0.0200	0.0200		mg/Kg		100	80 - 120	6	30
Ethylene Dibromide	0.0200	0.0206		mg/Kg		103	79 - 120	6	30
Isopropylbenzene	0.0200	0.0203		mg/Kg		101	74 - 120	6	30
Methyl acetate	0.0400	0.0468		mg/Kg		117	57 - 120	6	30
Methyl tert-butyl ether	0.0200	0.0202		mg/Kg		101	74 - 125	2	30
Methylcyclohexane	0.0200	0.0218		mg/Kg		109	66 - 125	4	30
Methylene Chloride	0.0200	0.0215		mg/Kg		108	78 - 120	4	30
m-Xylene & p-Xylene	0.0200	0.0202		mg/Kg		101	80 - 120	8	30
n-Butylbenzene	0.0200	0.0214		mg/Kg		107	72 - 120	7	30
N-Propylbenzene	0.0200	0.0204		mg/Kg		102	68 - 120	9	30
o-Xylene	0.0200	0.0199		mg/Kg		100	80 - 120	7	30
sec-Butylbenzene	0.0200	0.0207		mg/Kg		104	78 - 120	6	30
Styrene	0.0200	0.0208		mg/Kg		104	80 - 120	8	30
tert-Butylbenzene	0.0200	0.0210		mg/Kg		105	80 - 120	9	30
Tetrachloroethene	0.0200	0.0198		mg/Kg		99	73 - 120	4	30
Toluene	0.0200	0.0198		mg/Kg		99	80 - 120	6	30

Method: 8260D - Volatile Organic Compounds by GC/MS (Continued)

Lab Sample ID: LCSD 460-1066136/3
Matrix: Solid
Analysis Batch: 1066136

Client Sample ID: Lab Control Sample Dup
Prep Type: Total/NA

Analyte			Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
trans-1,2-Dichloroethene			0.0200	0.0211		mg/Kg		106	78 - 120	4	30
trans-1,3-Dichloropropene			0.0200	0.0184		mg/Kg		92	77 - 120	4	30
Trichloroethene			0.0200	0.0211		mg/Kg		105	80 - 120	4	30
Trichlorofluoromethane			0.0200	0.0213		mg/Kg		106	61 - 130	7	30
Vinyl chloride			0.0200	0.0245		mg/Kg		122	54 - 122	9	30
Xylenes, Total			0.0400	0.0402		mg/Kg		100	80 - 120	7	30

Surrogate	*LCSD %Recovery*	*LCSD Qualifier*	*Limits*
1,2-Dichloroethane-d4 (Surr)	*112*		*65 - 138*
4-Bromofluorobenzene	*89*		*71 - 128*
Dibromofluoromethane (Surr)	*106*		*50 - 150*
Toluene-d8 (Surr)	*102*		*71 - 126*

Method: 8270E - Semivolatile Organic Compounds (GC/MS)

Lab Sample ID: MB 460-1065203/1-A
Matrix: Solid
Analysis Batch: 1065264

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 1065203

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1'-Biphenyl	0.33	U	0.33	0.012	mg/Kg		10/01/25 20:32	10/02/25 07:39	1
1,2,4,5-Tetrachlorobenzene	0.33	U	0.33	0.010	mg/Kg		10/01/25 20:32	10/02/25 07:39	1
1,4-Dioxane	0.033	U	0.033	0.029	mg/Kg		10/01/25 20:32	10/02/25 07:39	1
2,2'-oxybis[1-chloropropane]	0.33	U	0.33	0.020	mg/Kg		10/01/25 20:32	10/02/25 07:39	1
2,3,4,6-Tetrachlorophenol	0.33	U	0.33	0.022	mg/Kg		10/01/25 20:32	10/02/25 07:39	1
2,4,5-Trichlorophenol	0.33	U	0.33	0.034	mg/Kg		10/01/25 20:32	10/02/25 07:39	1
2,4,6-Trichlorophenol	0.13	U	0.13	0.042	mg/Kg		10/01/25 20:32	10/02/25 07:39	1
2,4-Dichlorophenol	0.13	U	0.13	0.021	mg/Kg		10/01/25 20:32	10/02/25 07:39	1
2,4-Dimethylphenol	0.33	U	0.33	0.039	mg/Kg		10/01/25 20:32	10/02/25 07:39	1
2,4-Dinitrophenol	0.27	U	0.27	0.16	mg/Kg		10/01/25 20:32	10/02/25 07:39	1
2,4-Dinitrotoluene	0.067	U	0.067	0.036	mg/Kg		10/01/25 20:32	10/02/25 07:39	1
2,6-Dinitrotoluene	0.067	U	0.067	0.024	mg/Kg		10/01/25 20:32	10/02/25 07:39	1
2-Chloronaphthalene	0.33	U	0.33	0.043	mg/Kg		10/01/25 20:32	10/02/25 07:39	1
2-Chlorophenol	0.33	U	0.33	0.012	mg/Kg		10/01/25 20:32	10/02/25 07:39	1
2-Methylnaphthalene	0.33	U	0.33	0.0093	mg/Kg		10/01/25 20:32	10/02/25 07:39	1
2-Methylphenol	0.33	U	0.33	0.012	mg/Kg		10/01/25 20:32	10/02/25 07:39	1
2-Nitroaniline	0.33	U	0.33	0.025	mg/Kg		10/01/25 20:32	10/02/25 07:39	1
2-Nitrophenol	0.33	U	0.33	0.033	mg/Kg		10/01/25 20:32	10/02/25 07:39	1
3 & 4 Methylphenol	0.33	U	0.33	0.021	mg/Kg		10/01/25 20:32	10/02/25 07:39	1
3,3'-Dichlorobenzidine	0.13	U	0.13	0.050	mg/Kg		10/01/25 20:32	10/02/25 07:39	1
3-Nitroaniline	0.33	U	0.33	0.079	mg/Kg		10/01/25 20:32	10/02/25 07:39	1
4,6-Dinitro-2-methylphenol	0.27	U	0.27	0.14	mg/Kg		10/01/25 20:32	10/02/25 07:39	1
4-Bromophenyl phenyl ether	0.33	U	0.33	0.013	mg/Kg		10/01/25 20:32	10/02/25 07:39	1
4-Chloro-3-methylphenol	0.33	U	0.33	0.019	mg/Kg		10/01/25 20:32	10/02/25 07:39	1
4-Chloroaniline	0.33	U	0.33	0.059	mg/Kg		10/01/25 20:32	10/02/25 07:39	1
4-Chlorophenyl phenyl ether	0.33	U	0.33	0.012	mg/Kg		10/01/25 20:32	10/02/25 07:39	1
4-Methylphenol	0.33	U	0.33	0.021	mg/Kg		10/01/25 20:32	10/02/25 07:39	1
4-Nitroaniline	0.33	U	0.33	0.084	mg/Kg		10/01/25 20:32	10/02/25 07:39	1
4-Nitrophenol	0.67	U	0.67	0.054	mg/Kg		10/01/25 20:32	10/02/25 07:39	1

Method: 8270E - Semivolatile Organic Compounds (GC/MS) (Continued)

Lab Sample ID: MB 460-1065203/1-A
Matrix: Solid
Analysis Batch: 1065264

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 1065203

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Acenaphthene	0.33	U	0.33	0.0094	mg/Kg		10/01/25 20:32	10/02/25 07:39	1
Acenaphthene	0.33	U	0.33	0.0094	mg/Kg		10/01/25 20:32	10/02/25 07:39	1
Acenaphthylene	0.33	U	0.33	0.0095	mg/Kg		10/01/25 20:32	10/02/25 07:39	1
Acetophenone	0.33	U	0.33	0.016	mg/Kg		10/01/25 20:32	10/02/25 07:39	1
Anthracene	0.33	U	0.33	0.010	mg/Kg		10/01/25 20:32	10/02/25 07:39	1
Atrazine	0.13	U	0.13	0.019	mg/Kg		10/01/25 20:32	10/02/25 07:39	1
Benzaldehyde	0.33	U	0.33	0.055	mg/Kg		10/01/25 20:32	10/02/25 07:39	1
Benzo[a]anthracene	0.033	U	0.033	0.025	mg/Kg		10/01/25 20:32	10/02/25 07:39	1
Benzo[a]pyrene	0.033	U	0.033	0.0088	mg/Kg		10/01/25 20:32	10/02/25 07:39	1
Benzo[b]fluoranthene	0.033	U	0.033	0.0086	mg/Kg		10/01/25 20:32	10/02/25 07:39	1
Benzo[g,h,i]perylene	0.33	U	0.33	0.0098	mg/Kg		10/01/25 20:32	10/02/25 07:39	1
Benzo[k]fluoranthene	0.033	U	0.033	0.0065	mg/Kg		10/01/25 20:32	10/02/25 07:39	1
Bis(2-chloroethoxy)methane	0.33	U	0.33	0.061	mg/Kg		10/01/25 20:32	10/02/25 07:39	1
Bis(2-chloroethyl)ether	0.033	U	0.033	0.012	mg/Kg		10/01/25 20:32	10/02/25 07:39	1
Bis(2-ethylhexyl) phthalate	0.33	U	0.33	0.017	mg/Kg		10/01/25 20:32	10/02/25 07:39	1
Butyl benzyl phthalate	0.33	U	0.33	0.016	mg/Kg		10/01/25 20:32	10/02/25 07:39	1
Caprolactam	0.33	U	0.33	0.051	mg/Kg		10/01/25 20:32	10/02/25 07:39	1
Carbazole	0.33	U	0.33	0.013	mg/Kg		10/01/25 20:32	10/02/25 07:39	1
Chrysene	0.33	U	0.33	0.014	mg/Kg		10/01/25 20:32	10/02/25 07:39	1
Dibenz(a,h)anthracene	0.033	U	0.033	0.014	mg/Kg		10/01/25 20:32	10/02/25 07:39	1
Dibenzofuran	0.33	U	0.33	0.011	mg/Kg		10/01/25 20:32	10/02/25 07:39	1
Diethyl phthalate	0.33	U	0.33	0.011	mg/Kg		10/01/25 20:32	10/02/25 07:39	1
Dimethyl phthalate	0.33	U	0.33	0.075	mg/Kg		10/01/25 20:32	10/02/25 07:39	1
Di-n-butyl phthalate	0.33	U	0.33	0.012	mg/Kg		10/01/25 20:32	10/02/25 07:39	1
Di-n-octyl phthalate	0.33	U	0.33	0.018	mg/Kg		10/01/25 20:32	10/02/25 07:39	1
Fluoranthene	0.33	U	0.33	0.012	mg/Kg		10/01/25 20:32	10/02/25 07:39	1
Fluorene	0.33	U	0.33	0.0097	mg/Kg		10/01/25 20:32	10/02/25 07:39	1
Hexachlorobenzene	0.033	U	0.033	0.016	mg/Kg		10/01/25 20:32	10/02/25 07:39	1
Hexachlorobutadiene	0.067	U	0.067	0.0070	mg/Kg		10/01/25 20:32	10/02/25 07:39	1
Hexachlorocyclopentadiene	0.33	U	0.33	0.029	mg/Kg		10/01/25 20:32	10/02/25 07:39	1
Hexachloroethane	0.033	U	0.033	0.011	mg/Kg		10/01/25 20:32	10/02/25 07:39	1
Indeno[1,2,3-cd]pyrene	0.033	U	0.033	0.013	mg/Kg		10/01/25 20:32	10/02/25 07:39	1
Isophorone	0.13	U	0.13	0.096	mg/Kg		10/01/25 20:32	10/02/25 07:39	1
Naphthalene	0.33	U	0.33	0.0057	mg/Kg		10/01/25 20:32	10/02/25 07:39	1
Nitrobenzene	0.033	U	0.033	0.018	mg/Kg		10/01/25 20:32	10/02/25 07:39	1
N-Nitrosodi-n-propylamine	0.033	U	0.033	0.024	mg/Kg		10/01/25 20:32	10/02/25 07:39	1
N-Nitrosodiphenylamine	0.33	U	0.33	0.027	mg/Kg		10/01/25 20:32	10/02/25 07:39	1
Pentachlorophenol	0.27	U	0.27	0.068	mg/Kg		10/01/25 20:32	10/02/25 07:39	1
Phenanthrene	0.33	U	0.33	0.014	mg/Kg		10/01/25 20:32	10/02/25 07:39	1
Phenol	0.33	U	0.33	0.012	mg/Kg		10/01/25 20:32	10/02/25 07:39	1
Pyrene	0.33	U	0.33	0.0082	mg/Kg		10/01/25 20:32	10/02/25 07:39	1

Surrogate	*MB %Recovery*	*MB Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
2,4,6-Tribromophenol (Surr)	*70*		*18 - 137*	*10/01/25 20:32*	*10/02/25 07:39*	*1*
2-Fluorobiphenyl	*71*		*33 - 117*	*10/01/25 20:32*	*10/02/25 07:39*	*1*
2-Fluorophenol (Surr)	*72*		*24 - 120*	*10/01/25 20:32*	*10/02/25 07:39*	*1*
Nitrobenzene-d5 (Surr)	*75*		*27 - 120*	*10/01/25 20:32*	*10/02/25 07:39*	*1*
Phenol-d5 (Surr)	*73*		*28 - 118*	*10/01/25 20:32*	*10/02/25 07:39*	*1*

Method: 8270E - Semivolatile Organic Compounds (GC/MS) (Continued)

Lab Sample ID: MB 460-1065203/1-A
Matrix: Solid
Analysis Batch: 1065264

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 1065203

Surrogate	MB %Recovery	MB Qualifier	Limits	Prepared	Analyzed	Dil Fac
Terphenyl-d14 (Surr)	80		33 - 124	10/01/25 20:32	10/02/25 07:39	1

Lab Sample ID: LCS 460-1065203/2-A
Matrix: Solid
Analysis Batch: 1065264

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 1065203

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
1,1'-Biphenyl	3.33	2.95		mg/Kg		89	64 - 120
1,2,4,5-Tetrachlorobenzene	3.33	2.91		mg/Kg		87	60 - 120
1,4-Dioxane	3.33	2.72		mg/Kg		81	31 - 105
2,2'-oxybis[1-chloropropane]	3.33	3.07		mg/Kg		92	50 - 126
2,3,4,6-Tetrachlorophenol	3.33	2.87		mg/Kg		86	62 - 120
2,4,5-Trichlorophenol	3.33	2.99		mg/Kg		90	64 - 120
2,4,6-Trichlorophenol	3.33	2.97		mg/Kg		89	65 - 120
2,4-Dichlorophenol	3.33	3.12		mg/Kg		94	66 - 120
2,4-Dimethylphenol	3.33	3.08		mg/Kg		93	75 - 136
2,4-Dinitrophenol	6.67	6.43		mg/Kg		96	41 - 120
2,4-Dinitrotoluene	3.33	3.25		mg/Kg		97	65 - 124
2,6-Dinitrotoluene	3.33	3.36		mg/Kg		101	67 - 121
2-Chloronaphthalene	3.33	3.00		mg/Kg		90	64 - 120
2-Chlorophenol	3.33	3.02		mg/Kg		91	63 - 120
2-Methylnaphthalene	3.33	3.08		mg/Kg		92	56 - 102
2-Methylphenol	3.33	3.06		mg/Kg		92	63 - 120
2-Nitroaniline	3.33	2.99		mg/Kg		90	52 - 120
2-Nitrophenol	3.33	3.24		mg/Kg		97	64 - 120
3 & 4 Methylphenol	3.33	3.12		mg/Kg		93	61 - 120
3,3'-Dichlorobenzidine	3.33	1.95		mg/Kg		58	10 - 106
3-Nitroaniline	3.33	2.50		mg/Kg		75	18 - 105
4,6-Dinitro-2-methylphenol	6.67	6.58		mg/Kg		99	61 - 127
4-Bromophenyl phenyl ether	3.33	3.19		mg/Kg		96	64 - 120
4-Chloro-3-methylphenol	3.33	3.03		mg/Kg		91	68 - 120
4-Chloroaniline	3.33	1.82		mg/Kg		55	10 - 107
4-Chlorophenyl phenyl ether	3.33	2.97		mg/Kg		89	62 - 120
4-Methylphenol	3.33	3.12		mg/Kg		93	61 - 120
4-Nitroaniline	3.33	2.77		mg/Kg		83	51 - 112
4-Nitrophenol	6.67	5.70		mg/Kg		85	52 - 122
Acenaphthene	3.33	2.89		mg/Kg		87	65 - 120
Acenaphthylene	3.33	3.00		mg/Kg		90	68 - 120
Acetophenone	3.33	2.96		mg/Kg		89	61 - 111
Anthracene	3.33	3.16		mg/Kg		95	67 - 120
Atrazine	1.33	1.39		mg/Kg		104	52 - 150
Benzaldehyde	1.33	1.35		mg/Kg		101	45 - 150
Benzo[a]anthracene	3.33	3.10		mg/Kg		93	66 - 120
Benzo[a]pyrene	3.33	3.12		mg/Kg		94	69 - 123
Benzo[b]fluoranthene	3.33	3.07		mg/Kg		92	66 - 125
Benzo[g,h,i]perylene	3.33	3.23		mg/Kg		97	66 - 138
Benzo[k]fluoranthene	3.33	3.06		mg/Kg		92	67 - 122
Bis(2-chloroethoxy)methane	3.33	3.06		mg/Kg		92	62 - 120

Method: 8270E - Semivolatile Organic Compounds (GC/MS) (Continued)

Lab Sample ID: LCS 460-1065203/2-A
Matrix: Solid
Analysis Batch: 1065264

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 1065203

Analyte			Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits		
Bis(2-chloroethyl)ether			3.33	2.98		mg/Kg		89	60 - 120		
Bis(2-ethylhexyl) phthalate			3.33	3.28		mg/Kg		98	64 - 125		
Butyl benzyl phthalate			3.33	3.57		mg/Kg		107	62 - 127		
Caprolactam			1.33	1.32		mg/Kg		99	46 - 150		
Carbazole			3.33	3.08		mg/Kg		93	64 - 120		
Chrysene			3.33	3.18		mg/Kg		95	67 - 120		
Dibenz(a,h)anthracene			3.33	3.49		mg/Kg		105	66 - 128		
Dibenzofuran			3.33	2.93		mg/Kg		88	61 - 120		
Diethyl phthalate			3.33	2.83		mg/Kg		85	63 - 120		
Dimethyl phthalate			3.33	2.94		mg/Kg		88	65 - 120		
Di-n-butyl phthalate			3.33	3.38		mg/Kg		101	61 - 120		
Di-n-octyl phthalate			3.33	3.27		mg/Kg		98	61 - 123		
Fluoranthene			3.33	3.06		mg/Kg		92	61 - 120		
Fluorene			3.33	2.89		mg/Kg		87	64 - 120		
Hexachlorobenzene			3.33	3.14		mg/Kg		94	66 - 120		
Hexachlorobutadiene			3.33	2.83		mg/Kg		85	62 - 120		
Hexachlorocyclopentadiene			3.33	2.82		mg/Kg		85	32 - 150		
Hexachloroethane			3.33	2.87		mg/Kg		86	61 - 112		
Indeno[1,2,3-cd]pyrene			3.33	3.39		mg/Kg		102	63 - 137		
Isophorone			3.33	3.07		mg/Kg		92	61 - 120		
Naphthalene			3.33	2.92		mg/Kg		88	63 - 113		
Nitrobenzene			3.33	3.06		mg/Kg		92	63 - 120		
N-Nitrosodi-n-propylamine			3.33	3.07		mg/Kg		92	60 - 120		
N-Nitrosodiphenylamine			3.33	3.21		mg/Kg		96	63 - 120		
Pentachlorophenol			6.67	6.07		mg/Kg		91	61 - 126		
Phenanthrene			3.33	3.14		mg/Kg		94	66 - 120		
Phenol			3.33	3.06		mg/Kg		92	63 - 120		
Pyrene			3.33	3.21		mg/Kg		96	61 - 121		

Surrogate	*LCS %Recovery*	*LCS Qualifier*	*Limits*
2,4,6-Tribromophenol (Surr)	*74*		*18 - 137*
2-Fluorobiphenyl	*78*		*33 - 117*
2-Fluorophenol (Surr)	*79*		*24 - 120*
Nitrobenzene-d5 (Surr)	*80*		*27 - 120*
Phenol-d5 (Surr)	*81*		*28 - 118*
Terphenyl-d14 (Surr)	*81*		*33 - 124*

Lab Sample ID: LCSD 460-1065203/3-A
Matrix: Solid
Analysis Batch: 1065264

Client Sample ID: Lab Control Sample Dup
Prep Type: Total/NA
Prep Batch: 1065203

Analyte			Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
1,1'-Biphenyl			3.33	3.05		mg/Kg		92	64 - 120	3	30
1,2,4,5-Tetrachlorobenzene			3.33	2.99		mg/Kg		90	60 - 120	3	30
1,4-Dioxane			3.33	2.80		mg/Kg		84	31 - 105	3	30
2,2'-oxybis[1-chloropropane]			3.33	3.15		mg/Kg		95	50 - 126	3	30
2,3,4,6-Tetrachlorophenol			3.33	2.97		mg/Kg		89	62 - 120	3	30
2,4,5-Trichlorophenol			3.33	3.11		mg/Kg		93	64 - 120	4	30

Method: 8270E - Semivolatile Organic Compounds (GC/MS) (Continued)

Lab Sample ID: LCSD 460-1065203/3-A
Matrix: Solid
Analysis Batch: 1065264

Client Sample ID: Lab Control Sample Dup
Prep Type: Total/NA
Prep Batch: 1065203

Analyte			Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
2,4,6-Trichlorophenol			3.33	3.10		mg/Kg		93	65 - 120	4	30
2,4-Dichlorophenol			3.33	3.26		mg/Kg		98	66 - 120	4	30
2,4-Dimethylphenol			3.33	3.26		mg/Kg		98	75 - 136	6	30
2,4-Dinitrophenol			6.67	6.82		mg/Kg		102	41 - 120	6	30
2,4-Dinitrotoluene			3.33	3.43		mg/Kg		103	65 - 124	5	30
2,6-Dinitrotoluene			3.33	3.49		mg/Kg		105	67 - 121	4	30
2-Chloronaphthalene			3.33	3.08		mg/Kg		92	64 - 120	3	30
2-Chlorophenol			3.33	3.15		mg/Kg		95	63 - 120	4	30
2-Methylnaphthalene			3.33	3.19		mg/Kg		96	56 - 102	3	30
2-Methylphenol			3.33	3.16		mg/Kg		95	63 - 120	3	30
2-Nitroaniline			3.33	3.18		mg/Kg		95	52 - 120	6	30
2-Nitrophenol			3.33	3.49		mg/Kg		105	64 - 120	7	30
3 & 4 Methylphenol			3.33	3.21		mg/Kg		96	61 - 120	3	30
3,3'-Dichlorobenzidine			3.33	2.05		mg/Kg		62	10 - 106	5	30
3-Nitroaniline			3.33	2.57		mg/Kg		77	18 - 105	3	30
4,6-Dinitro-2-methylphenol			6.67	6.92		mg/Kg		104	61 - 127	5	30
4-Bromophenyl phenyl ether			3.33	3.34		mg/Kg		100	64 - 120	5	30
4-Chloro-3-methylphenol			3.33	3.21		mg/Kg		96	68 - 120	6	30
4-Chloroaniline			3.33	1.94		mg/Kg		58	10 - 107	6	30
4-Chlorophenyl phenyl ether			3.33	3.03		mg/Kg		91	62 - 120	2	30
4-Methylphenol			3.33	3.21		mg/Kg		96	61 - 120	3	30
4-Nitroaniline			3.33	2.91		mg/Kg		87	51 - 112	5	30
4-Nitrophenol			6.67	5.87		mg/Kg		88	52 - 122	3	30
Acenaphthene			3.33	2.99		mg/Kg		90	65 - 120	3	30
Acenaphthylene			3.33	3.11		mg/Kg		93	68 - 120	3	30
Acetophenone			3.33	3.05		mg/Kg		92	61 - 111	3	30
Anthracene			3.33	3.23		mg/Kg		97	67 - 120	2	30
Atrazine			1.33	1.42		mg/Kg		107	52 - 150	2	30
Benzaldehyde			1.33	1.35		mg/Kg		101	45 - 150	0	30
Benzo[a]anthracene			3.33	3.16		mg/Kg		95	66 - 120	2	30
Benzo[a]pyrene			3.33	3.24		mg/Kg		97	69 - 123	4	30
Benzo[b]fluoranthene			3.33	3.17		mg/Kg		95	66 - 125	3	30
Benzo[g,h,i]perylene			3.33	3.37		mg/Kg		101	66 - 138	4	30
Benzo[k]fluoranthene			3.33	3.17		mg/Kg		95	67 - 122	3	30
Bis(2-chloroethoxy)methane			3.33	3.17		mg/Kg		95	62 - 120	4	30
Bis(2-chloroethyl)ether			3.33	3.15		mg/Kg		94	60 - 120	5	30
Bis(2-ethylhexyl) phthalate			3.33	3.34		mg/Kg		100	64 - 125	2	30
Butyl benzyl phthalate			3.33	3.64		mg/Kg		109	62 - 127	2	30
Caprolactam			1.33	1.39		mg/Kg		104	46 - 150	5	30
Carbazole			3.33	3.21		mg/Kg		96	64 - 120	4	30
Chrysene			3.33	3.29		mg/Kg		99	67 - 120	4	30
Dibenz(a,h)anthracene			3.33	3.67		mg/Kg		110	66 - 128	5	30
Dibenzofuran			3.33	3.03		mg/Kg		91	61 - 120	3	30
Diethyl phthalate			3.33	2.95		mg/Kg		89	63 - 120	4	30
Dimethyl phthalate			3.33	3.02		mg/Kg		91	65 - 120	3	30
Di-n-butyl phthalate			3.33	3.50		mg/Kg		105	61 - 120	4	30
Di-n-octyl phthalate			3.33	3.33		mg/Kg		100	61 - 123	2	30
Fluoranthene			3.33	3.15		mg/Kg		95	61 - 120	3	30
Fluorene			3.33	2.99		mg/Kg		90	64 - 120	3	30

Method: 8270E - Semivolatile Organic Compounds (GC/MS) (Continued)

Lab Sample ID: LCSD 460-1065203/3-A
Matrix: Solid
Analysis Batch: 1065264

Client Sample ID: Lab Control Sample Dup
Prep Type: Total/NA
Prep Batch: 1065203

Analyte			Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Hexachlorobenzene			3.33	3.29		mg/Kg		99	66 - 120	4	30
Hexachlorobutadiene			3.33	2.99		mg/Kg		90	62 - 120	5	30
Hexachlorocyclopentadiene			3.33	2.96		mg/Kg		89	32 - 150	5	30
Hexachloroethane			3.33	3.00		mg/Kg		90	61 - 112	5	30
Indeno[1,2,3-cd]pyrene			3.33	3.59		mg/Kg		108	63 - 137	6	30
Isophorone			3.33	3.21		mg/Kg		96	61 - 120	5	30
Naphthalene			3.33	3.07		mg/Kg		92	63 - 113	5	30
Nitrobenzene			3.33	3.16		mg/Kg		95	63 - 120	3	30
N-Nitrosodi-n-propylamine			3.33	3.14		mg/Kg		94	60 - 120	2	30
N-Nitrosodiphenylamine			3.33	3.37		mg/Kg		101	63 - 120	5	30
Pentachlorophenol			6.67	6.30		mg/Kg		94	61 - 126	4	30
Phenanthrene			3.33	3.28		mg/Kg		98	66 - 120	4	30
Phenol			3.33	3.21		mg/Kg		96	63 - 120	5	30
Pyrene			3.33	3.30		mg/Kg		99	61 - 121	3	30

Surrogate	*LCSD %Recovery*	*LCSD Qualifier*	*Limits*
2,4,6-Tribromophenol (Surr)	*78*		*18 - 137*
2-Fluorobiphenyl	*81*		*33 - 117*
2-Fluorophenol (Surr)	*81*		*24 - 120*
Nitrobenzene-d5 (Surr)	*85*		*27 - 120*
Phenol-d5 (Surr)	*83*		*28 - 118*
Terphenyl-d14 (Surr)	*84*		*33 - 124*

Lab Sample ID: 460-336081-1 MS
Matrix: Solid
Analysis Batch: 1065264

Client Sample ID: 55A_0-3
Prep Type: Total/NA
Prep Batch: 1065203

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec Limits
1,1'-Biphenyl	0.37	U	3.70	2.86		mg/Kg	☼	77	64 - 120
1,2,4,5-Tetrachlorobenzene	0.37	U	3.70	2.83		mg/Kg	☼	77	60 - 120
1,4-Dioxane	0.037	U	3.70	2.54		mg/Kg	☼	69	31 - 105
2,2'-oxybis[1-chloropropane]	0.37	U	3.70	2.97		mg/Kg	☼	80	50 - 126
2,3,4,6-Tetrachlorophenol	0.37	U	3.70	2.82		mg/Kg	☼	76	62 - 120
2,4,5-Trichlorophenol	0.37	U	3.70	2.97		mg/Kg	☼	80	64 - 120
2,4,6-Trichlorophenol	0.15	U	3.70	2.93		mg/Kg	☼	79	65 - 120
2,4-Dichlorophenol	0.15	U	3.70	3.06		mg/Kg	☼	83	66 - 120
2,4-Dimethylphenol	0.37	U	3.70	3.07		mg/Kg	☼	83	75 - 136
2,4-Dinitrophenol	0.30	U	7.40	6.17		mg/Kg	☼	83	41 - 120
2,4-Dinitrotoluene	0.075	U	3.70	3.25		mg/Kg	☼	88	65 - 124
2,6-Dinitrotoluene	0.075	U	3.70	3.18		mg/Kg	☼	86	67 - 121
2-Chloronaphthalene	0.37	U	3.70	2.88		mg/Kg	☼	78	64 - 120
2-Chlorophenol	0.37	U	3.70	2.99		mg/Kg	☼	81	63 - 120
2-Methylnaphthalene	0.37	U	3.70	2.97		mg/Kg	☼	80	56 - 102
2-Methylphenol	0.37	U	3.70	2.98		mg/Kg	☼	81	63 - 120
2-Nitroaniline	0.37	U	3.70	2.92		mg/Kg	☼	79	52 - 120
2-Nitrophenol	0.37	U	3.70	3.19		mg/Kg	☼	86	64 - 120
3 & 4 Methylphenol	0.37	U	3.70	3.00		mg/Kg	☼	81	61 - 120
3,3'-Dichlorobenzidine	0.15	U	3.70	1.83		mg/Kg	☼	50	10 - 106

Method: 8270E - Semivolatile Organic Compounds (GC/MS) (Continued)

Lab Sample ID: 460-336081-1 MS
Matrix: Solid
Analysis Batch: 1065264

Client Sample ID: 55A_0-3
Prep Type: Total/NA
Prep Batch: 1065203

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec Limits
3-Nitroaniline	0.37	U	3.70	2.36		mg/Kg	☼	64	18 - 105
4,6-Dinitro-2-methylphenol	0.30	U	7.40	6.43		mg/Kg	☼	87	61 - 127
4-Bromophenyl phenyl ether	0.37	U	3.70	3.17		mg/Kg	☼	86	64 - 120
4-Chloro-3-methylphenol	0.37	U	3.70	3.04		mg/Kg	☼	82	68 - 120
4-Chloroaniline	0.37	U	3.70	1.69		mg/Kg	☼	46	10 - 107
4-Chlorophenyl phenyl ether	0.37	U	3.70	2.89		mg/Kg	☼	78	62 - 120
4-Methylphenol	0.37	U	3.70	3.00		mg/Kg	☼	81	61 - 120
4-Nitroaniline	0.37	U	3.70	2.69		mg/Kg	☼	73	51 - 112
4-Nitrophenol	0.75	U	7.40	5.34		mg/Kg	☼	72	52 - 122
Acenaphthene	0.37	U	3.70	2.76		mg/Kg	☼	75	65 - 120
Acenaphthylene	0.37	U	3.70	2.92		mg/Kg	☼	79	68 - 120
Acetophenone	0.37	U	3.70	2.89		mg/Kg	☼	78	61 - 111
Anthracene	0.37	U	3.70	3.13		mg/Kg	☼	85	67 - 120
Atrazine	0.15	U	1.48	1.48		mg/Kg	☼	100	52 - 150
Benzaldehyde	0.37	U	1.48	1.42	E	mg/Kg	☼	96	45 - 150
Benzo[a]anthracene	0.037	U	3.70	3.01		mg/Kg	☼	81	66 - 120
Benzo[a]pyrene	0.037	U	3.70	3.06		mg/Kg	☼	83	69 - 123
Benzo[b]fluoranthene	0.037	U	3.70	3.08		mg/Kg	☼	83	66 - 125
Benzo[g,h,i]perylene	0.37	U	3.70	3.07		mg/Kg	☼	83	66 - 138
Benzo[k]fluoranthene	0.037	U	3.70	3.03		mg/Kg	☼	82	67 - 122
Bis(2-chloroethoxy)methane	0.37	U	3.70	2.95		mg/Kg	☼	80	62 - 120
Bis(2-chloroethyl)ether	0.037	U	3.70	2.91		mg/Kg	☼	79	60 - 120
Bis(2-ethylhexyl) phthalate	0.37	U	3.70	3.16		mg/Kg	☼	85	64 - 125
Butyl benzyl phthalate	0.37	U	3.70	3.47		mg/Kg	☼	94	62 - 127
Caprolactam	0.37	U	1.48	1.41		mg/Kg	☼	95	46 - 150
Carbazole	0.37	U	3.70	3.05		mg/Kg	☼	82	64 - 120
Chrysene	0.37	U	3.70	3.09		mg/Kg	☼	83	67 - 120
Dibenz(a,h)anthracene	0.037	U	3.70	3.37		mg/Kg	☼	91	66 - 128
Dibenzofuran	0.37	U	3.70	2.88		mg/Kg	☼	78	61 - 120
Diethyl phthalate	0.37	U	3.70	2.72		mg/Kg	☼	74	63 - 120
Dimethyl phthalate	0.37	U	3.70	2.90		mg/Kg	☼	78	65 - 120
Di-n-butyl phthalate	0.37	U	3.70	3.27		mg/Kg	☼	88	61 - 120
Di-n-octyl phthalate	0.37	U	3.70	3.22		mg/Kg	☼	87	61 - 123
Fluoranthene	0.37	U	3.70	2.99		mg/Kg	☼	81	61 - 120
Fluorene	0.37	U	3.70	2.81		mg/Kg	☼	76	64 - 120
Hexachlorobenzene	0.037	U	3.70	3.12		mg/Kg	☼	84	66 - 120
Hexachlorobutadiene	0.075	U	3.70	2.82		mg/Kg	☼	76	62 - 120
Hexachlorocyclopentadiene	0.37	U	3.70	2.73		mg/Kg	☼	74	32 - 150
Hexachloroethane	0.037	U	3.70	2.78		mg/Kg	☼	75	61 - 112
Indeno[1,2,3-cd]pyrene	0.037	U	3.70	3.27		mg/Kg	☼	88	63 - 137
Isophorone	0.15	U	3.70	2.98		mg/Kg	☼	80	61 - 120
Naphthalene	0.37	U	3.70	2.87		mg/Kg	☼	77	63 - 113
Nitrobenzene	0.037	U	3.70	2.97		mg/Kg	☼	80	63 - 120
N-Nitrosodi-n-propylamine	0.037	U	3.70	2.93		mg/Kg	☼	79	60 - 120
N-Nitrosodiphenylamine	0.37	U	3.70	3.18		mg/Kg	☼	86	63 - 120
Pentachlorophenol	0.30	U	7.40	6.00		mg/Kg	☼	81	61 - 126
Phenanthrene	0.37	U	3.70	3.09		mg/Kg	☼	84	66 - 120
Phenol	0.37	U	3.70	2.99		mg/Kg	☼	81	63 - 120
Pyrene	0.37	U	3.70	3.22		mg/Kg	☼	87	61 - 121

Method: 8270E - Semivolatile Organic Compounds (GC/MS) (Continued)

Surrogate	MS %Recovery	MS Qualifier	Limits
2,4,6-Tribromophenol (Surr)	*65*		*18 - 137*
2-Fluorobiphenyl	*67*		*33 - 117*
2-Fluorophenol (Surr)	*67*		*24 - 120*
Nitrobenzene-d5 (Surr)	*69*		*27 - 120*
Phenol-d5 (Surr)	*70*		*28 - 118*
Terphenyl-d14 (Surr)	*72*		*33 - 124*

Lab Sample ID: 460-336081-1 MSD
Matrix: Solid
Analysis Batch: 1065264

Client Sample ID: 55A_0-3
Prep Type: Total/NA
Prep Batch: 1065203

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
1,1'-Biphenyl	0.37	U	3.72	2.77		mg/Kg	☼	74	64 - 120	4	30
1,2,4,5-Tetrachlorobenzene	0.37	U	3.72	2.68		mg/Kg	☼	72	60 - 120	6	30
1,4-Dioxane	0.037	U	3.72	2.03		mg/Kg	☼	55	31 - 105	23	30
2,2'-oxybis[1-chloropropane]	0.37	U	3.72	2.57		mg/Kg	☼	69	50 - 126	14	30
2,3,4,6-Tetrachlorophenol	0.37	U	3.72	2.80		mg/Kg	☼	75	62 - 120	1	30
2,4,5-Trichlorophenol	0.37	U	3.72	2.89		mg/Kg	☼	78	64 - 120	3	30
2,4,6-Trichlorophenol	0.15	U	3.72	2.84		mg/Kg	☼	76	65 - 120	3	30
2,4-Dichlorophenol	0.15	U	3.72	2.90		mg/Kg	☼	78	66 - 120	5	30
2,4-Dimethylphenol	0.37	U	3.72	2.93		mg/Kg	☼	79	75 - 136	5	30
2,4-Dinitrophenol	0.30	U	7.43	6.36		mg/Kg	☼	85	41 - 120	3	30
2,4-Dinitrotoluene	0.075	U	3.72	3.20		mg/Kg	☼	86	65 - 124	1	30
2,6-Dinitrotoluene	0.075	U	3.72	3.21		mg/Kg	☼	86	67 - 121	1	30
2-Chloronaphthalene	0.37	U	3.72	2.80		mg/Kg	☼	75	64 - 120	3	30
2-Chlorophenol	0.37	U	3.72	2.65		mg/Kg	☼	71	63 - 120	12	30
2-Methylnaphthalene	0.37	U	3.72	2.82		mg/Kg	☼	76	56 - 102	5	30
2-Methylphenol	0.37	U	3.72	2.69		mg/Kg	☼	72	63 - 120	10	30
2-Nitroaniline	0.37	U	3.72	2.87		mg/Kg	☼	77	52 - 120	2	30
2-Nitrophenol	0.37	U	3.72	3.03		mg/Kg	☼	81	64 - 120	5	30
3 & 4 Methylphenol	0.37	U	3.72	2.77		mg/Kg	☼	75	61 - 120	8	30
3,3'-Dichlorobenzidine	0.15	U	3.72	1.91		mg/Kg	☼	51	10 - 106	4	30
3-Nitroaniline	0.37	U	3.72	2.37		mg/Kg	☼	64	18 - 105	1	30
4,6-Dinitro-2-methylphenol	0.30	U	7.43	6.29		mg/Kg	☼	85	61 - 127	2	30
4-Bromophenyl phenyl ether	0.37	U	3.72	3.07		mg/Kg	☼	83	64 - 120	3	30
4-Chloro-3-methylphenol	0.37	U	3.72	2.92		mg/Kg	☼	78	68 - 120	4	30
4-Chloroaniline	0.37	U	3.72	1.75		mg/Kg	☼	47	10 - 107	3	30
4-Chlorophenyl phenyl ether	0.37	U	3.72	2.84		mg/Kg	☼	76	62 - 120	2	30
4-Methylphenol	0.37	U	3.72	2.77		mg/Kg	☼	75	61 - 120	8	30
4-Nitroaniline	0.37	U	3.72	2.71		mg/Kg	☼	73	51 - 112	1	30
4-Nitrophenol	0.75	U	7.43	5.33		mg/Kg	☼	72	52 - 122	0	30
Acenaphthene	0.37	U	3.72	2.72		mg/Kg	☼	73	65 - 120	1	30
Acenaphthylene	0.37	U	3.72	2.85		mg/Kg	☼	77	68 - 120	2	30
Acetophenone	0.37	U	3.72	2.57		mg/Kg	☼	69	61 - 111	12	30
Anthracene	0.37	U	3.72	2.95		mg/Kg	☼	79	67 - 120	6	30
Atrazine	0.15	U	1.49	1.67		mg/Kg	☼	112	52 - 150	12	30
Benzaldehyde	0.37	U	1.49	1.41	E	mg/Kg	☼	95	45 - 150	0	30
Benzo[a]anthracene	0.037	U	3.72	2.95		mg/Kg	☼	79	66 - 120	2	30
Benzo[a]pyrene	0.037	U	3.72	3.01		mg/Kg	☼	81	69 - 123	1	30
Benzo[b]fluoranthene	0.037	U	3.72	3.02		mg/Kg	☼	81	66 - 125	2	30
Benzo[g,h,i]perylene	0.37	U	3.72	3.14		mg/Kg	☼	84	66 - 138	2	30

Method: 8270E - Semivolatile Organic Compounds (GC/MS) (Continued)

Lab Sample ID: 460-336081-1 MSD
Matrix: Solid
Analysis Batch: 1065264

Client Sample ID: 55A_0-3
Prep Type: Total/NA
Prep Batch: 1065203

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Benzo[k]fluoranthene	0.037	U	3.72	2.96		mg/Kg	☼	80	67 - 122	2	30
Bis(2-chloroethoxy)methane	0.37	U	3.72	2.76		mg/Kg	☼	74	62 - 120	7	30
Bis(2-chloroethyl)ether	0.037	U	3.72	2.58		mg/Kg	☼	69	60 - 120	12	30
Bis(2-ethylhexyl) phthalate	0.37	U	3.72	3.09		mg/Kg	☼	83	64 - 125	2	30
Butyl benzyl phthalate	0.37	U	3.72	3.40		mg/Kg	☼	92	62 - 127	2	30
Caprolactam	0.37	U	1.49	1.59		mg/Kg	☼	107	46 - 150	12	30
Carbazole	0.37	U	3.72	2.93		mg/Kg	☼	79	64 - 120	4	30
Chrysene	0.37	U	3.72	3.04		mg/Kg	☼	82	67 - 120	1	30
Dibenz(a,h)anthracene	0.037	U	3.72	3.38		mg/Kg	☼	91	66 - 128	0	30
Dibenzofuran	0.37	U	3.72	2.77		mg/Kg	☼	74	61 - 120	4	30
Diethyl phthalate	0.37	U	3.72	2.73		mg/Kg	☼	73	63 - 120	0	30
Dimethyl phthalate	0.37	U	3.72	2.81		mg/Kg	☼	76	65 - 120	3	30
Di-n-butyl phthalate	0.37	U	3.72	3.15		mg/Kg	☼	85	61 - 120	4	30
Di-n-octyl phthalate	0.37	U	3.72	3.19		mg/Kg	☼	86	61 - 123	1	30
Fluoranthene	0.37	U	3.72	2.85		mg/Kg	☼	77	61 - 120	5	30
Fluorene	0.37	U	3.72	2.80		mg/Kg	☼	75	64 - 120	0	30
Hexachlorobenzene	0.037	U	3.72	3.02		mg/Kg	☼	81	66 - 120	3	30
Hexachlorobutadiene	0.075	U	3.72	2.53		mg/Kg	☼	68	62 - 120	11	30
Hexachlorocyclopentadiene	0.37	U	3.72	2.54		mg/Kg	☼	68	32 - 150	7	30
Hexachloroethane	0.037	U	3.72	2.43		mg/Kg	☼	65	61 - 112	14	30
Indeno[1,2,3-cd]pyrene	0.037	U	3.72	3.32		mg/Kg	☼	89	63 - 137	1	30
Isophorone	0.15	U	3.72	2.79		mg/Kg	☼	75	61 - 120	6	30
Naphthalene	0.37	U	3.72	2.61		mg/Kg	☼	70	63 - 113	9	30
Nitrobenzene	0.037	U	3.72	2.61		mg/Kg	☼	70	63 - 120	13	30
N-Nitrosodi-n-propylamine	0.037	U	3.72	2.70		mg/Kg	☼	73	60 - 120	8	30
N-Nitrosodiphenylamine	0.37	U	3.72	3.08		mg/Kg	☼	83	63 - 120	3	30
Pentachlorophenol	0.30	U	7.43	5.82		mg/Kg	☼	78	61 - 126	3	30
Phenanthrene	0.37	U	3.72	2.99		mg/Kg	☼	80	66 - 120	3	30
Phenol	0.37	U	3.72	2.70		mg/Kg	☼	73	63 - 120	10	30
Pyrene	0.37	U	3.72	3.14		mg/Kg	☼	84	61 - 121	2	30

Surrogate	*MSD %Recovery*	*MSD Qualifier*	*Limits*
2,4,6-Tribromophenol (Surr)	*64*		*18 - 137*
2-Fluorobiphenyl	*65*		*33 - 117*
2-Fluorophenol (Surr)	*60*		*24 - 120*
Nitrobenzene-d5 (Surr)	*64*		*27 - 120*
Phenol-d5 (Surr)	*63*		*28 - 118*
Terphenyl-d14 (Surr)	*71*		*33 - 124*

Method: 8081B - Organochlorine Pesticides (GC)

Lab Sample ID: MB 460-1065151/1-A
Matrix: Solid
Analysis Batch: 1065236

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 1065151

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
4,4'-DDD	0.0067	U	0.0067	0.0011	mg/Kg		10/01/25 16:50	10/02/25 05:58	1
4,4'-DDD	0.0067	U	0.0067	0.0011	mg/Kg		10/01/25 16:50	10/02/25 05:58	1
4,4'-DDE	0.0067	U	0.0067	0.00079	mg/Kg		10/01/25 16:50	10/02/25 05:58	1

Method: 8081B - Organochlorine Pesticides (GC) (Continued)

Lab Sample ID: MB 460-1065151/1-A
Matrix: Solid
Analysis Batch: 1065236

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 1065151

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
4,4'-DDE	0.0067	U	0.0067	0.00079	mg/Kg		10/01/25 16:50	10/02/25 05:58	1
4,4'-DDE	0.0067	U	0.0067	0.00079	mg/Kg		10/01/25 16:50	10/02/25 05:58	1
4,4'-DDT	0.0067	U	0.0067	0.0012	mg/Kg		10/01/25 16:50	10/02/25 05:58	1
4,4'-DDT	0.0067	U	0.0067	0.0012	mg/Kg		10/01/25 16:50	10/02/25 05:58	1
Aldrin	0.0067	U	0.0067	0.0010	mg/Kg		10/01/25 16:50	10/02/25 05:58	1
Aldrin	0.0067	U	0.0067	0.0010	mg/Kg		10/01/25 16:50	10/02/25 05:58	1
alpha-BHC	0.0020	U	0.0020	0.00068	mg/Kg		10/01/25 16:50	10/02/25 05:58	1
alpha-BHC	0.0020	U	0.0020	0.00068	mg/Kg		10/01/25 16:50	10/02/25 05:58	1
beta-BHC	0.0020	U	0.0020	0.00075	mg/Kg		10/01/25 16:50	10/02/25 05:58	1
beta-BHC	0.0020	U	0.0020	0.00075	mg/Kg		10/01/25 16:50	10/02/25 05:58	1
Chlordane (technical)	0.067	U	0.067	0.016	mg/Kg		10/01/25 16:50	10/02/25 05:58	1
Chlordane (technical)	0.067	U	0.067	0.016	mg/Kg		10/01/25 16:50	10/02/25 05:58	1
cis-Chlordane	0.0067	U	0.0067	0.0011	mg/Kg		10/01/25 16:50	10/02/25 05:58	1
cis-Chlordane	0.0067	U	0.0067	0.0011	mg/Kg		10/01/25 16:50	10/02/25 05:58	1
delta-BHC	0.0020	U	0.0020	0.00041	mg/Kg		10/01/25 16:50	10/02/25 05:58	1
delta-BHC	0.0020	U	0.0020	0.00041	mg/Kg		10/01/25 16:50	10/02/25 05:58	1
Dieldrin	0.0020	U	0.0020	0.00087	mg/Kg		10/01/25 16:50	10/02/25 05:58	1
Dieldrin	0.0020	U	0.0020	0.00087	mg/Kg		10/01/25 16:50	10/02/25 05:58	1
Endosulfan I	0.0067	U	0.0067	0.0010	mg/Kg		10/01/25 16:50	10/02/25 05:58	1
Endosulfan I	0.0067	U	0.0067	0.0010	mg/Kg		10/01/25 16:50	10/02/25 05:58	1
Endosulfan II	0.0067	U	0.0067	0.0017	mg/Kg		10/01/25 16:50	10/02/25 05:58	1
Endosulfan II	0.0067	U	0.0067	0.0017	mg/Kg		10/01/25 16:50	10/02/25 05:58	1
Endosulfan sulfate	0.0067	U	0.0067	0.00084	mg/Kg		10/01/25 16:50	10/02/25 05:58	1
Endosulfan sulfate	0.0067	U	0.0067	0.00084	mg/Kg		10/01/25 16:50	10/02/25 05:58	1
Endrin	0.0067	U	0.0067	0.00096	mg/Kg		10/01/25 16:50	10/02/25 05:58	1
Endrin	0.0067	U	0.0067	0.00096	mg/Kg		10/01/25 16:50	10/02/25 05:58	1
Endrin aldehyde	0.0067	U	0.0067	0.0016	mg/Kg		10/01/25 16:50	10/02/25 05:58	1
Endrin aldehyde	0.0067	U	0.0067	0.0016	mg/Kg		10/01/25 16:50	10/02/25 05:58	1
Endrin ketone	0.0067	U	0.0067	0.0013	mg/Kg		10/01/25 16:50	10/02/25 05:58	1
Endrin ketone	0.0067	U	0.0067	0.0013	mg/Kg		10/01/25 16:50	10/02/25 05:58	1
gamma-BHC (Lindane)	0.0020	U	0.0020	0.00062	mg/Kg		10/01/25 16:50	10/02/25 05:58	1
gamma-BHC (Lindane)	0.0020	U	0.0020	0.00062	mg/Kg		10/01/25 16:50	10/02/25 05:58	1
Heptachlor	0.0067	U	0.0067	0.00079	mg/Kg		10/01/25 16:50	10/02/25 05:58	1
Heptachlor	0.0067	U	0.0067	0.00079	mg/Kg		10/01/25 16:50	10/02/25 05:58	1
Heptachlor epoxide	0.0067	U	0.0067	0.0010	mg/Kg		10/01/25 16:50	10/02/25 05:58	1
Heptachlor epoxide	0.0067	U	0.0067	0.0010	mg/Kg		10/01/25 16:50	10/02/25 05:58	1
Methoxychlor	0.0067	U	0.0067	0.0015	mg/Kg		10/01/25 16:50	10/02/25 05:58	1
Methoxychlor	0.0067	U	0.0067	0.0015	mg/Kg		10/01/25 16:50	10/02/25 05:58	1
Toxaphene	0.067	U	0.067	0.024	mg/Kg		10/01/25 16:50	10/02/25 05:58	1
Toxaphene	0.067	U	0.067	0.024	mg/Kg		10/01/25 16:50	10/02/25 05:58	1

Surrogate	*MB %Recovery*	*MB Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
DCB Decachlorobiphenyl	*110*		*10 - 150*	*10/01/25 16:50*	*10/02/25 05:58*	*1*
DCB Decachlorobiphenyl	*132*		*10 - 150*	*10/01/25 16:50*	*10/02/25 05:58*	*1*
Tetrachloro-m-xylene	*113*		*14 - 150*	*10/01/25 16:50*	*10/02/25 05:58*	*1*
Tetrachloro-m-xylene	*111*		*14 - 150*	*10/01/25 16:50*	*10/02/25 05:58*	*1*

Method: 8081B - Organochlorine Pesticides (GC) (Continued)

Lab Sample ID: LCS 460-1065151/2-A
Matrix: Solid
Analysis Batch: 1065236

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 1065151

Analyte			Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits		
4,4'-DDD			0.133	0.111		mg/Kg		83	71 - 134		
4,4'-DDD			0.133	0.127		mg/Kg		96	71 - 134		
4,4'-DDE			0.133	0.118		mg/Kg		88	71 - 137		
4,4'-DDE			0.133	0.133		mg/Kg		99	71 - 137		
4,4'-DDT			0.133	0.126		mg/Kg		95	69 - 140		
4,4'-DDT			0.133	0.131		mg/Kg		98	69 - 140		
Aldrin			0.133	0.121		mg/Kg		91	68 - 136		
Aldrin			0.133	0.136		mg/Kg		102	68 - 136		
alpha-BHC			0.133	0.133		mg/Kg		100	71 - 136		
alpha-BHC			0.133	0.146		mg/Kg		109	71 - 136		
beta-BHC			0.133	0.129		mg/Kg		97	67 - 133		
beta-BHC			0.133	0.137		mg/Kg		103	67 - 133		
cis-Chlordane			0.133	0.124		mg/Kg		93	70 - 140		
cis-Chlordane			0.133	0.140		mg/Kg		105	70 - 140		
delta-BHC			0.133	0.142		mg/Kg		107	70 - 135		
delta-BHC			0.133	0.153		mg/Kg		115	70 - 135		
Dieldrin			0.133	0.117		mg/Kg		88	71 - 135		
Dieldrin			0.133	0.139		mg/Kg		104	71 - 135		
Endosulfan I			0.133	0.124		mg/Kg		93	70 - 141		
Endosulfan I			0.133	0.140		mg/Kg		105	70 - 141		
Endosulfan II			0.133	0.127		mg/Kg		95	75 - 141		
Endosulfan II			0.133	0.139		mg/Kg		104	75 - 141		
Endosulfan sulfate			0.133	0.112		mg/Kg		84	67 - 130		
Endosulfan sulfate			0.133	0.129		mg/Kg		96	67 - 130		
Endrin			0.133	0.113		mg/Kg		85	66 - 143		
Endrin			0.133	0.132		mg/Kg		99	66 - 143		
Endrin aldehyde			0.133	0.123		mg/Kg		92	70 - 132		
Endrin aldehyde			0.133	0.130		mg/Kg		98	70 - 132		
Endrin ketone			0.133	0.125		mg/Kg		94	66 - 137		
Endrin ketone			0.133	0.144		mg/Kg		108	66 - 137		
gamma-BHC (Lindane)			0.133	0.133		mg/Kg		100	71 - 137		
gamma-BHC (Lindane)			0.133	0.142		mg/Kg		107	71 - 137		
Heptachlor			0.133	0.131		mg/Kg		98	70 - 140		
Heptachlor			0.133	0.141		mg/Kg		105	70 - 140		
Heptachlor epoxide			0.133	0.125		mg/Kg		93	70 - 135		
Heptachlor epoxide			0.133	0.139		mg/Kg		104	70 - 135		
Methoxychlor			0.133	0.114		mg/Kg		85	63 - 138		
Methoxychlor			0.133	0.117		mg/Kg		88	63 - 138		

Surrogate	*LCS %Recovery*	*LCS Qualifier*	*Limits*
DCB Decachlorobiphenyl	*76*		*10 - 150*
DCB Decachlorobiphenyl	*90*		*10 - 150*
Tetrachloro-m-xylene	*78*		*14 - 150*
Tetrachloro-m-xylene	*77*		*14 - 150*

Method: 8081B - Organochlorine Pesticides (GC) (Continued)

Lab Sample ID: LCSD 460-1065151/3-A
Matrix: Solid
Analysis Batch: 1065236

Client Sample ID: Lab Control Sample Dup
Prep Type: Total/NA
Prep Batch: 1065151

Analyte			Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
4,4'-DDD			0.133	0.116		mg/Kg		87	71 - 134	5	30
4,4'-DDD			0.133	0.139		mg/Kg		104	71 - 134	8	30
4,4'-DDE			0.133	0.124		mg/Kg		93	71 - 137	6	30
4,4'-DDE			0.133	0.144		mg/Kg		108	71 - 137	8	30
4,4'-DDT			0.133	0.131		mg/Kg		98	69 - 140	4	30
4,4'-DDT			0.133	0.141		mg/Kg		106	69 - 140	8	30
Aldrin			0.133	0.128		mg/Kg		96	68 - 136	5	30
Aldrin			0.133	0.147		mg/Kg		110	68 - 136	7	30
alpha-BHC			0.133	0.142		mg/Kg		106	71 - 136	6	30
alpha-BHC			0.133	0.161		mg/Kg		120	71 - 136	10	30
beta-BHC			0.133	0.137		mg/Kg		103	67 - 133	6	30
beta-BHC			0.133	0.150		mg/Kg		112	67 - 133	8	30
cis-Chlordane			0.133	0.131		mg/Kg		98	70 - 140	6	30
cis-Chlordane			0.133	0.152		mg/Kg		114	70 - 140	8	30
delta-BHC			0.133	0.150		mg/Kg		113	70 - 135	5	30
delta-BHC			0.133	0.167		mg/Kg		125	70 - 135	9	30
Dieldrin			0.133	0.123		mg/Kg		92	71 - 135	5	30
Dieldrin			0.133	0.151		mg/Kg		114	71 - 135	9	30
Endosulfan I			0.133	0.130		mg/Kg		98	70 - 141	5	30
Endosulfan I			0.133	0.153		mg/Kg		115	70 - 141	9	30
Endosulfan II			0.133	0.134		mg/Kg		100	75 - 141	5	30
Endosulfan II			0.133	0.152		mg/Kg		114	75 - 141	9	30
Endosulfan sulfate			0.133	0.117		mg/Kg		88	67 - 130	4	30
Endosulfan sulfate			0.133	0.140		mg/Kg		105	67 - 130	9	30
Endrin			0.133	0.116		mg/Kg		87	66 - 143	3	30
Endrin			0.133	0.140		mg/Kg		105	66 - 143	6	30
Endrin aldehyde			0.133	0.128		mg/Kg		96	70 - 132	4	30
Endrin aldehyde			0.133	0.144		mg/Kg		108	70 - 132	10	30
Endrin ketone			0.133	0.131		mg/Kg		99	66 - 137	5	30
Endrin ketone			0.133	0.158		mg/Kg		119	66 - 137	10	30
gamma-BHC (Lindane)			0.133	0.141		mg/Kg		106	71 - 137	6	30
gamma-BHC (Lindane)			0.133	0.155		mg/Kg		116	71 - 137	9	30
Heptachlor			0.133	0.137		mg/Kg		103	70 - 140	5	30
Heptachlor			0.133	0.152		mg/Kg		114	70 - 140	8	30
Heptachlor epoxide			0.133	0.131		mg/Kg		98	70 - 135	5	30
Heptachlor epoxide			0.133	0.149		mg/Kg		112	70 - 135	7	30
Methoxychlor			0.133	0.118		mg/Kg		89	63 - 138	4	30
Methoxychlor			0.133	0.126		mg/Kg		94	63 - 138	7	30

Surrogate	*LCSD %Recovery*	*LCSD Qualifier*	*Limits*
DCB Decachlorobiphenyl	*78*		*10 - 150*
DCB Decachlorobiphenyl	*96*		*10 - 150*
Tetrachloro-m-xylene	*80*		*14 - 150*
Tetrachloro-m-xylene	*81*		*14 - 150*

Method: 8082A - Polychlorinated Biphenyls (PCBs) by Gas Chromatography

Lab Sample ID: MB 460-1065147/1-A
Matrix: Solid
Analysis Batch: 1065297

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 1065147

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Aroclor 1016	0.067	U	0.067	0.018	mg/Kg		10/01/25 16:38	10/02/25 10:44	1
Aroclor 1016	0.067	U	0.067	0.018	mg/Kg		10/01/25 16:38	10/02/25 10:44	1
Aroclor 1221	0.067	U	0.067	0.018	mg/Kg		10/01/25 16:38	10/02/25 10:44	1
Aroclor 1221	0.067	U	0.067	0.018	mg/Kg		10/01/25 16:38	10/02/25 10:44	1
Aroclor 1232	0.067	U	0.067	0.018	mg/Kg		10/01/25 16:38	10/02/25 10:44	1
Aroclor 1232	0.067	U	0.067	0.018	mg/Kg		10/01/25 16:38	10/02/25 10:44	1
Aroclor 1242	0.067	U	0.067	0.018	mg/Kg		10/01/25 16:38	10/02/25 10:44	1
Aroclor 1242	0.067	U	0.067	0.018	mg/Kg		10/01/25 16:38	10/02/25 10:44	1
Aroclor 1248	0.067	U	0.067	0.018	mg/Kg		10/01/25 16:38	10/02/25 10:44	1
Aroclor 1248	0.067	U	0.067	0.018	mg/Kg		10/01/25 16:38	10/02/25 10:44	1
Aroclor 1254	0.067	U	0.067	0.018	mg/Kg		10/01/25 16:38	10/02/25 10:44	1
Aroclor 1254	0.067	U	0.067	0.018	mg/Kg		10/01/25 16:38	10/02/25 10:44	1
Aroclor 1260	0.067	U	0.067	0.018	mg/Kg		10/01/25 16:38	10/02/25 10:44	1
Aroclor 1260	0.067	U	0.067	0.018	mg/Kg		10/01/25 16:38	10/02/25 10:44	1
Aroclor-1262	0.067	U	0.067	0.018	mg/Kg		10/01/25 16:38	10/02/25 10:44	1
Aroclor-1262	0.067	U	0.067	0.018	mg/Kg		10/01/25 16:38	10/02/25 10:44	1
Aroclor 1268	0.067	U	0.067	0.018	mg/Kg		10/01/25 16:38	10/02/25 10:44	1
Aroclor 1268	0.067	U	0.067	0.018	mg/Kg		10/01/25 16:38	10/02/25 10:44	1
Polychlorinated biphenyls, Total	0.067	U	0.067	0.018	mg/Kg		10/01/25 16:38	10/02/25 10:44	1
Polychlorinated biphenyls, Total	0.067	U	0.067	0.018	mg/Kg		10/01/25 16:38	10/02/25 10:44	1

Surrogate	*MB %Recovery*	*MB Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
DCB Decachlorobiphenyl	*122*		*10 - 150*	*10/01/25 16:38*	*10/02/25 10:44*	*1*
DCB Decachlorobiphenyl	*146*		*10 - 150*	*10/01/25 16:38*	*10/02/25 10:44*	*1*
Tetrachloro-m-xylene	*96*		*10 - 150*	*10/01/25 16:38*	*10/02/25 10:44*	*1*
Tetrachloro-m-xylene	*109*		*10 - 150*	*10/01/25 16:38*	*10/02/25 10:44*	*1*

Lab Sample ID: LCS 460-1065147/2-A
Matrix: Solid
Analysis Batch: 1065297

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 1065147

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
Aroclor 1016	0.333	0.270		mg/Kg		81	59 - 149
Aroclor 1016	0.333	0.315		mg/Kg		94	59 - 149
Aroclor 1260	0.333	0.295		mg/Kg		88	62 - 145
Aroclor 1260	0.333	0.344		mg/Kg		103	62 - 145

Surrogate	*LCS %Recovery*	*LCS Qualifier*	*Limits*
DCB Decachlorobiphenyl	*97*		*10 - 150*
DCB Decachlorobiphenyl	*119*		*10 - 150*
Tetrachloro-m-xylene	*76*		*10 - 150*
Tetrachloro-m-xylene	*85*		*10 - 150*

Method: 8082A - Polychlorinated Biphenyls (PCBs) by Gas Chromatography (Continued)

Lab Sample ID: LCSD 460-1065147/3-A
Matrix: Solid
Analysis Batch: 1065297

Client Sample ID: Lab Control Sample Dup
Prep Type: Total/NA
Prep Batch: 1065147

Analyte			Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Aroclor 1016			0.333	0.285		mg/Kg		86	59 - 149	5	30
Aroclor 1016			0.333	0.301		mg/Kg		90	59 - 149	4	30
Aroclor 1260			0.333	0.291		mg/Kg		87	62 - 145	1	30
Aroclor 1260			0.333	0.331		mg/Kg		99	62 - 145	4	30

Surrogate	*LCSD %Recovery*	*LCSD Qualifier*	*Limits*
DCB Decachlorobiphenyl	*100*		*10 - 150*
DCB Decachlorobiphenyl	*118*		*10 - 150*
Tetrachloro-m-xylene	*77*		*10 - 150*
Tetrachloro-m-xylene	*85*		*10 - 150*

Method: 1633A - Per- and Polyfluoroalkyl Substances by LC/MS/MS, 1633A

Lab Sample ID: MB 410-709414/1-A
Matrix: Solid
Analysis Batch: 709815

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 709414

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Perfluorobutanoic acid (PFBA)	0.39	U	0.39	0.098	ug/Kg		10/06/25 07:17	10/07/25 06:02	1
Perfluoropentanoic acid (PFPeA)	0.20	U	0.20	0.098	ug/Kg		10/06/25 07:17	10/07/25 06:02	1
Perfluorohexanoic acid (PFHxA)	0.20	U	0.20	0.098	ug/Kg		10/06/25 07:17	10/07/25 06:02	1
Perfluoroheptanoic acid (PFHpA)	0.20	U	0.20	0.098	ug/Kg		10/06/25 07:17	10/07/25 06:02	1
Perfluorooctanoic acid (PFOA)	0.20	U	0.20	0.059	ug/Kg		10/06/25 07:17	10/07/25 06:02	1
Perfluorononanoic acid (PFNA)	0.20	U	0.20	0.098	ug/Kg		10/06/25 07:17	10/07/25 06:02	1
Perfluorodecanoic acid (PFDA)	0.20	U	0.20	0.059	ug/Kg		10/06/25 07:17	10/07/25 06:02	1
Perfluoroundecanoic acid (PFUnA)	0.20	U	0.20	0.098	ug/Kg		10/06/25 07:17	10/07/25 06:02	1
Perfluorododecanoic acid (PFDoA)	0.20	U	0.20	0.098	ug/Kg		10/06/25 07:17	10/07/25 06:02	1
Perfluorotridecanoic acid (PFTrDA)	0.20	U	0.20	0.098	ug/Kg		10/06/25 07:17	10/07/25 06:02	1
Perfluorotetradecanoic acid (PFTeDA)	0.20	U	0.20	0.098	ug/Kg		10/06/25 07:17	10/07/25 06:02	1
Perfluorobutanesulfonic acid (PFBS)	0.20	U	0.20	0.098	ug/Kg		10/06/25 07:17	10/07/25 06:02	1
Perfluoropentanesulfonic acid (PFPeS)	0.20	U	0.20	0.098	ug/Kg		10/06/25 07:17	10/07/25 06:02	1
Perfluorohexanesulfonic acid (PFHxS)	0.20	U	0.20	0.098	ug/Kg		10/06/25 07:17	10/07/25 06:02	1
Perfluoroheptanesulfonic acid (PFHpS)	0.20	U	0.20	0.098	ug/Kg		10/06/25 07:17	10/07/25 06:02	1
Perfluorooctanesulfonic acid (PFOS)	0.20	U	0.20	0.098	ug/Kg		10/06/25 07:17	10/07/25 06:02	1
Perfluorononanesulfonic acid (PFNS)	0.20	U	0.20	0.098	ug/Kg		10/06/25 07:17	10/07/25 06:02	1
Perfluorodecanesulfonic acid (PFDS)	0.20	U	0.20	0.098	ug/Kg		10/06/25 07:17	10/07/25 06:02	1
Perfluorododecanesulfonic acid (PFDoS)	0.20	U	0.20	0.098	ug/Kg		10/06/25 07:17	10/07/25 06:02	1
1H,1H,2H,2H-Perfluorohexane sulfonic acid (4:2 FTS)	0.39	U	0.39	0.20	ug/Kg		10/06/25 07:17	10/07/25 06:02	1
1H,1H,2H,2H-Perfluorooctane sulfonic acid (6:2 FTS)	0.39	U	0.39	0.20	ug/Kg		10/06/25 07:17	10/07/25 06:02	1
1H,1H,2H,2H-Perfluorodecane sulfonic acid (8:2 FTS)	0.39	U	0.39	0.20	ug/Kg		10/06/25 07:17	10/07/25 06:02	1
Perfluorooctanesulfonamide (PFOSA)	0.20	U	0.20	0.098	ug/Kg		10/06/25 07:17	10/07/25 06:02	1
N-methylperfluorooctane sulfonamide (NMeFOSA)	0.20	U	0.20	0.098	ug/Kg		10/06/25 07:17	10/07/25 06:02	1

Method: 1633A - Per- and Polyfluoroalkyl Substances by LC/MS/MS, 1633A (Continued)

Lab Sample ID: MB 410-709414/1-A
Matrix: Solid
Analysis Batch: 709815

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 709414

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
N-ethylperfluorooctane sulfonamide (NEtFOSA)	0.20	U	0.20	0.098	ug/Kg		10/06/25 07:17	10/07/25 06:02	1
N-ethylperfluorooctane sulfonamide (NEtFOSA)	0.20	U	0.20	0.098	ug/Kg		10/06/25 07:17	10/07/25 06:02	1
N-methylperfluorooctanesulfonamidoacetic acid (NMeFOSAA)	0.20	U	0.20	0.098	ug/Kg		10/06/25 07:17	10/07/25 06:02	1
N-ethylperfluorooctanesulfonamidoacetic acid (NEtFOSAA)	0.20	U	0.20	0.098	ug/Kg		10/06/25 07:17	10/07/25 06:02	1
N-methylperfluorooctane sulfonamidoethanol (NMeFOSE)	0.98	U	0.98	0.49	ug/Kg		10/06/25 07:17	10/07/25 06:02	1
N-ethylperfluorooctane sulfonamidoethanol (NEtFOSE)	0.98	U	0.98	0.49	ug/Kg		10/06/25 07:17	10/07/25 06:02	1
Hexafluoropropylene Oxide Dimer Acid (HFPO-DA)	0.20	U	0.20	0.098	ug/Kg		10/06/25 07:17	10/07/25 06:02	1
4,8-Dioxa-3H-perfluorononanoic acid (ADONA)	0.20	U	0.20	0.098	ug/Kg		10/06/25 07:17	10/07/25 06:02	1
Perfluoro-3-methoxypropanoic acid (PFMPA)	0.20	U	0.20	0.098	ug/Kg		10/06/25 07:17	10/07/25 06:02	1
Perfluoro-4-methoxybutanoic acid (PFMBA)	0.20	U	0.20	0.098	ug/Kg		10/06/25 07:17	10/07/25 06:02	1
Nonafluoro-3,6-dioxaheptanoic acid (NFDHA)	0.20	U	0.20	0.098	ug/Kg		10/06/25 07:17	10/07/25 06:02	1
9-Chlorohexadecafluoro-3-oxanonane-1-sulfonic acid (9Cl-PF3ONS)	0.20	U	0.20	0.098	ug/Kg		10/06/25 07:17	10/07/25 06:02	1
11-Chloroeicosafluoro-3-oxaundecane-1-sulfonic acid (11Cl-PF3OUdS)	0.20	U	0.20	0.098	ug/Kg		10/06/25 07:17	10/07/25 06:02	1
Perfluoro (2-ethoxyethane) sulfonic acid (PFEESA)	0.20	U	0.20	0.098	ug/Kg		10/06/25 07:17	10/07/25 06:02	1
3-Perfluoropropylpropanoic acid (3:3 FTCA)	0.39	U	0.39	0.20	ug/Kg		10/06/25 07:17	10/07/25 06:02	1
3-Perfluoropentylpropanoic acid (5:3 FTCA)	0.98	U	0.98	0.49	ug/Kg		10/06/25 07:17	10/07/25 06:02	1
3-Perfluoroheptylpropanoic acid (7:3 FTCA)	0.98	U	0.98	0.49	ug/Kg		10/06/25 07:17	10/07/25 06:02	1

Isotope Dilution	*MB %Recovery*	*MB Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
13C4 PFBA	*86.1*		*8 - 130*	*10/06/25 07:17*	*10/07/25 06:02*	*1*
13C5 PFPeA	*70.5*		*35 - 130*	*10/06/25 07:17*	*10/07/25 06:02*	*1*
13C5 PFHxA	*70.5*		*40 - 130*	*10/06/25 07:17*	*10/07/25 06:02*	*1*
13C4 PFHpA	*69.4*		*40 - 130*	*10/06/25 07:17*	*10/07/25 06:02*	*1*
13C8 PFOA	*70.6*		*40 - 130*	*10/06/25 07:17*	*10/07/25 06:02*	*1*
13C9 PFNA	*70.8*		*40 - 130*	*10/06/25 07:17*	*10/07/25 06:02*	*1*
13C6 PFDA	*76.6*		*40 - 130*	*10/06/25 07:17*	*10/07/25 06:02*	*1*
13C7 PFUnA	*77.8*		*40 - 130*	*10/06/25 07:17*	*10/07/25 06:02*	*1*
13C2 PFTeDA	*74.9*		*20 - 130*	*10/06/25 07:17*	*10/07/25 06:02*	*1*
13C3 PFBS	*73.0*		*40 - 135*	*10/06/25 07:17*	*10/07/25 06:02*	*1*
13C3 PFHxS	*74.8*		*40 - 130*	*10/06/25 07:17*	*10/07/25 06:02*	*1*
13C8 PFOS	*68.2*		*40 - 130*	*10/06/25 07:17*	*10/07/25 06:02*	*1*
13C8 FOSA	*64.1*		*40 - 130*	*10/06/25 07:17*	*10/07/25 06:02*	*1*
d3-NMeFOSAA	*69.2*		*40 - 135*	*10/06/25 07:17*	*10/07/25 06:02*	*1*
d5-NEtFOSAA	*63.0*		*40 - 150*	*10/06/25 07:17*	*10/07/25 06:02*	*1*
13C2 4:2 FTS	*72.6*		*40 - 165*	*10/06/25 07:17*	*10/07/25 06:02*	*1*
13C2 6:2 FTS	*75.1*		*40 - 215*	*10/06/25 07:17*	*10/07/25 06:02*	*1*

Method: 1633A - Per- and Polyfluoroalkyl Substances by LC/MS/MS, 1633A (Continued)

Lab Sample ID: MB 410-709414/1-A
Matrix: Solid
Analysis Batch: 709815

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 709414

Isotope Dilution	MB %Recovery	MB Qualifier	Limits	Prepared	Analyzed	Dil Fac
13C2 8:2 FTS	80.3		40 - 275	10/06/25 07:17	10/07/25 06:02	1
13C3 HFPO-DA	76.0		40 - 130	10/06/25 07:17	10/07/25 06:02	1
d7-N-MeFOSE-M	63.1		20 - 130	10/06/25 07:17	10/07/25 06:02	1
d9-N-EtFOSE-M	56.0		15 - 130	10/06/25 07:17	10/07/25 06:02	1
d5-NEtPFOSA	62.2		10 - 130	10/06/25 07:17	10/07/25 06:02	1
d3-NMePFOSA	69.0		10 - 130	10/06/25 07:17	10/07/25 06:02	1
13C2 PFDoA	71.9		40 - 130	10/06/25 07:17	10/07/25 06:02	1

Lab Sample ID: LCS 410-709414/2-A
Matrix: Solid
Analysis Batch: 709341

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 709414

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
Perfluorobutanoic acid (PFBA)	4.98	4.768		ug/Kg		96	70 - 140
Perfluoropentanoic acid (PFPeA)	2.49	2.609		ug/Kg		105	60 - 150
Perfluorohexanoic acid (PFHxA)	2.49	2.466		ug/Kg		99	65 - 140
Perfluoroheptanoic acid (PFHpA)	2.49	2.466		ug/Kg		99	65 - 145
Perfluorooctanoic acid (PFOA)	2.49	2.562		ug/Kg		103	70 - 150
Perfluorononanoic acid (PFNA)	2.49	2.431		ug/Kg		98	70 - 155
Perfluorodecanoic acid (PFDA)	2.49	2.569		ug/Kg		103	70 - 155
Perfluoroundecanoic acid (PFUnA)	2.49	2.533		ug/Kg		102	70 - 155
Perfluorododecanoic acid (PFDoA)	2.49	2.537		ug/Kg		102	70 - 150
Perfluorotridecanoic acid (PFTrDA)	2.49	2.393		ug/Kg		96	65 - 150
Perfluorotetradecanoic acid (PFTeDA)	2.49	2.603		ug/Kg		105	65 - 150
Perfluorobutanesulfonic acid (PFBS)	2.21	2.175		ug/Kg		98	65 - 145
Perfluoropentanesulfonic acid (PFPeS)	2.34	2.426		ug/Kg		104	55 - 160
Perfluorohexanesulfonic acid (PFHxS)	2.27	2.146		ug/Kg		95	60 - 150
Perfluoroheptanesulfonic acid (PFHpS)	2.37	2.387		ug/Kg		101	65 - 155
Perfluorooctanesulfonic acid (PFOS)	2.31	2.137		ug/Kg		92	65 - 160
Perfluorononanesulfonic acid (PFNS)	2.39	2.058		ug/Kg		86	55 - 140
Perfluorodecanesulfonic acid (PFDS)	2.40	2.045		ug/Kg		85	40 - 155
Perfluorododecanesulfonic acid (PFDoS)	2.41	1.996		ug/Kg		83	25 - 160
1H,1H,2H,2H-Perfluorohexane sulfonic acid (4:2 FTS)	4.67	4.463		ug/Kg		96	60 - 150
1H,1H,2H,2H-Perfluorooctane sulfonic acid (6:2 FTS)	4.74	4.689		ug/Kg		99	55 - 200
1H,1H,2H,2H-Perfluorodecane sulfonic acid (8:2 FTS)	4.78	4.714		ug/Kg		99	70 - 150
Perfluorooctanesulfonamide (PFOSA)	2.49	2.605		ug/Kg		105	70 - 140

Method: 1633A - Per- and Polyfluoroalkyl Substances by LC/MS/MS, 1633A (Continued)

Lab Sample ID: LCS 410-709414/2-A
Matrix: Solid
Analysis Batch: 709341

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 709414

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
N-methylperfluorooctane sulfonamide (NMeFOSA)	2.49	2.433		ug/Kg		98	70 - 155
N-ethylperfluorooctane sulfonamide (NEtFOSA)	2.49	2.490		ug/Kg		100	70 - 140
N-methylperfluorooctanesulfonamidoacetic acid (NMeFOSAA)	2.49	2.524		ug/Kg		101	65 - 155
N-ethylperfluorooctanesulfonamidoacetic acid (NEtFOSAA)	2.49	2.401		ug/Kg		97	65 - 165
N-methylperfluorooctane sulfonamidoethanol (NMeFOSE)	12.4	12.53		ug/Kg		101	70 - 140
N-ethylperfluorooctane sulfonamidoethanol (NEtFOSE)	12.4	11.94		ug/Kg		96	70 - 135
Hexafluoropropylene Oxide Dimer Acid (HFPO-DA)	1.87	1.714		ug/Kg		92	70 - 145
4,8-Dioxa-3H-perfluorononanoic acid (ADONA)	2.35	2.078		ug/Kg		88	70 - 160
Perfluoro-3-methoxypropanoic acid (PFMPA)	2.49	2.327		ug/Kg		94	30 - 140
Perfluoro-4-methoxybutanoic acid (PFMBA)	2.49	2.327		ug/Kg		94	60 - 150
Nonafluoro-3,6-dioxaheptanoic acid (NFDHA)	2.49	2.359		ug/Kg		95	60 - 155
9-Chlorohexadecafluoro-3-oxanonane-1-sulfonic acid (9Cl-PF3ONS)	2.32	2.168		ug/Kg		93	70 - 150
11-Chloroeicosafluoro-3-oxaundecane-1-sulfonic acid (11Cl-PF3OUdS)	2.35	1.983		ug/Kg		84	45 - 160
Perfluoro (2-ethoxyethane) sulfonic acid (PFEESA)	2.22	2.390		ug/Kg		108	70 - 140
3-Perfluoropropylpropanoic acid (3:3 FTCA)	4.98	3.946		ug/Kg		79	45 - 130
3-Perfluoropentylpropanoic acid (5:3 FTCA)	12.4	10.11		ug/Kg		81	60 - 130
3-Perfluoroheptylpropanoic acid (7:3 FTCA)	12.4	10.21		ug/Kg		82	60 - 150

Isotope Dilution	*LCS %Recovery*	*LCS Qualifier*	*Limits*
13C4 PFBA	*89.5*		*8 - 130*
13C5 PFPeA	*92.8*		*35 - 130*
13C5 PFHxA	*86.8*		*40 - 130*
13C4 PFHpA	*93.0*		*40 - 130*
13C8 PFOA	*85.9*		*40 - 130*
13C9 PFNA	*86.3*		*40 - 130*
13C6 PFDA	*84.2*		*40 - 130*
13C7 PFUnA	*83.1*		*40 - 130*
13C2 PFTeDA	*70.4*		*20 - 130*
13C3 PFBS	*86.9*		*40 - 135*
13C3 PFHxS	*85.8*		*40 - 130*
13C8 PFOS	*88.2*		*40 - 130*
13C8 FOSA	*75.2*		*40 - 130*
d3-NMeFOSAA	*74.1*		*40 - 135*
d5-NEtFOSAA	*71.1*		*40 - 150*

Method: 1633A - Per- and Polyfluoroalkyl Substances by LC/MS/MS, 1633A (Continued)

Lab Sample ID: LCS 410-709414/2-A
Matrix: Solid
Analysis Batch: 709341

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 709414

Isotope Dilution	*LCS %Recovery*	*LCS Qualifier*	*Limits*
13C2 4:2 FTS	*87.3*		*40 - 165*
13C2 6:2 FTS	*85.9*		*40 - 215*
13C2 8:2 FTS	*78.4*		*40 - 275*
13C3 HFPO-DA	*102*		*40 - 130*
d7-N-MeFOSE-M	*64.1*		*20 - 130*
d9-N-EtFOSE-M	*58.8*		*15 - 130*
d5-NEtPFOSA	*62.4*		*10 - 130*
d3-NMePFOSA	*67.9*		*10 - 130*
13C2 PFDoA	*80.9*		*40 - 130*

Lab Sample ID: LCSD 410-709414/3-A
Matrix: Solid
Analysis Batch: 709341

Client Sample ID: Lab Control Sample Dup
Prep Type: Total/NA
Prep Batch: 709414

Analyte			Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Perfluorobutanoic acid (PFBA)			4.81	4.637		ug/Kg		96	70 - 140	3	30
Perfluoropentanoic acid (PFPeA)			2.40	2.491		ug/Kg		104	60 - 150	5	30
Perfluorohexanoic acid (PFHxA)			2.40	2.298		ug/Kg		96	65 - 140	7	30
Perfluoroheptanoic acid (PFHpA)			2.40	2.539		ug/Kg		106	65 - 145	3	30
Perfluorooctanoic acid (PFOA)			2.40	2.362		ug/Kg		98	70 - 150	8	30
Perfluorononanoic acid (PFNA)			2.40	2.464		ug/Kg		102	70 - 155	1	30
Perfluorodecanoic acid (PFDA)			2.40	2.323		ug/Kg		97	70 - 155	10	30
Perfluoroundecanoic acid (PFUnA)			2.40	2.433		ug/Kg		101	70 - 155	4	30
Perfluorododecanoic acid (PFDoA)			2.40	2.513		ug/Kg		105	70 - 150	1	30
Perfluorotridecanoic acid (PFTrDA)			2.40	2.198		ug/Kg		91	65 - 150	8	30
Perfluorotetradecanoic acid (PFTeDA)			2.40	2.299		ug/Kg		96	65 - 150	12	30
Perfluorobutanesulfonic acid (PFBS)			2.13	2.151		ug/Kg		101	65 - 145	1	30
Perfluoropentanesulfonic acid (PFPeS)			2.26	2.305		ug/Kg		102	55 - 160	5	30
Perfluorohexanesulfonic acid (PFHxS)			2.19	2.079		ug/Kg		95	60 - 150	3	30
Perfluoroheptanesulfonic acid (PFHpS)			2.29	2.332		ug/Kg		102	65 - 155	2	30
Perfluorooctanesulfonic acid (PFOS)			2.24	2.090		ug/Kg		93	65 - 160	2	30
Perfluorononanesulfonic acid (PFNS)			2.31	2.005		ug/Kg		87	55 - 140	3	30
Perfluorodecanesulfonic acid (PFDS)			2.32	1.931		ug/Kg		83	40 - 155	6	30
Perfluorododecanesulfonic acid (PFDoS)			2.33	1.865		ug/Kg		80	25 - 160	7	30
1H,1H,2H,2H-Perfluorohexane sulfonic acid (4:2 FTS)			4.51	4.289		ug/Kg		95	60 - 150	4	30
1H,1H,2H,2H-Perfluorooctane sulfonic acid (6:2 FTS)			4.58	4.512		ug/Kg		99	55 - 200	4	30
1H,1H,2H,2H-Perfluorodecane sulfonic acid (8:2 FTS)			4.62	4.718		ug/Kg		102	70 - 150	0	30

Method: 1633A - Per- and Polyfluoroalkyl Substances by LC/MS/MS, 1633A (Continued)

Lab Sample ID: LCSD 410-709414/3-A
Matrix: Solid
Analysis Batch: 709341

Client Sample ID: Lab Control Sample Dup
Prep Type: Total/NA
Prep Batch: 709414

Analyte			Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Perfluorooctanesulfonamide (PFOSA)			2.40	2.493		ug/Kg		104	70 - 140	4	30
N-methylperfluorooctane sulfonamide (NMeFOSA)			2.40	2.311		ug/Kg		96	70 - 155	5	30
N-ethylperfluorooctane sulfonamide (NEtFOSA)			2.40	2.331		ug/Kg		97	70 - 140	7	30
N-methylperfluorooctanesulfonamidoacetic acid (NMeFOSAA)			2.40	2.336		ug/Kg		97	65 - 155	8	30
N-ethylperfluorooctanesulfonamidoacetic acid (NEtFOSAA)			2.40	2.441		ug/Kg		102	65 - 165	2	30
N-methylperfluorooctane sulfonamidoethanol (NMeFOSE)			12.0	11.90		ug/Kg		99	70 - 140	5	30
N-ethylperfluorooctane sulfonamidoethanol (NEtFOSE)			12.0	12.60		ug/Kg		105	70 - 135	5	30
Hexafluoropropylene Oxide Dimer Acid (HFPO-DA)			1.80	1.782		ug/Kg		99	70 - 145	4	30
4,8-Dioxa-3H-perfluorononanoic acid (ADONA)			2.27	2.212		ug/Kg		97	70 - 160	6	30
Perfluoro-3-methoxypropanoic acid (PFMPA)			2.40	2.259		ug/Kg		94	30 - 140	3	30
Perfluoro-4-methoxybutanoic acid (PFMBA)			2.40	2.246		ug/Kg		93	60 - 150	4	30
Nonafluoro-3,6-dioxaheptanoic acid (NFDHA)			2.40	2.263		ug/Kg		94	60 - 155	4	30
9-Chlorohexadecafluoro-3-oxanonane-1-sulfonic acid (9Cl-PF3ONS)			2.25	2.084		ug/Kg		93	70 - 150	4	30
11-Chloroeicosafluoro-3-oxaundecane-1-sulfonic acid (11Cl-PF3OUdS)			2.27	1.879		ug/Kg		83	45 - 160	5	30
Perfluoro (2-ethoxyethane) sulfonic acid (PFEESA)			2.14	2.248		ug/Kg		105	70 - 140	6	30
3-Perfluoropropylpropanoic acid (3:3 FTCA)			4.81	3.835		ug/Kg		80	45 - 130	3	30
3-Perfluoropentylpropanoic acid (5:3 FTCA)			12.0	9.813		ug/Kg		82	60 - 130	3	30
3-Perfluoroheptylpropanoic acid (7:3 FTCA)			12.0	9.171		ug/Kg		76	60 - 150	11	30

Isotope Dilution	*LCSD %Recovery*	*LCSD Qualifier*	*Limits*
13C4 PFBA	*90.3*		*8 - 130*
13C5 PFPeA	*92.6*		*35 - 130*
13C5 PFHxA	*87.4*		*40 - 130*
13C4 PFHpA	*93.0*		*40 - 130*
13C8 PFOA	*89.2*		*40 - 130*
13C9 PFNA	*85.7*		*40 - 130*
13C6 PFDA	*87.3*		*40 - 130*
13C7 PFUnA	*80.5*		*40 - 130*
13C2 PFTeDA	*72.1*		*20 - 130*
13C3 PFBS	*85.3*		*40 - 135*
13C3 PFHxS	*84.8*		*40 - 130*
13C8 PFOS	*89.6*		*40 - 130*
13C8 FOSA	*75.2*		*40 - 130*

Method: 1633A - Per- and Polyfluoroalkyl Substances by LC/MS/MS, 1633A (Continued)

Lab Sample ID: LCSD 410-709414/3-A
Matrix: Solid
Analysis Batch: 709341

Client Sample ID: Lab Control Sample Dup
Prep Type: Total/NA
Prep Batch: 709414

Isotope Dilution	*LCSD %Recovery*	*LCSD Qualifier*	*Limits*
d3-NMeFOSAA	*75.8*		*40 - 135*
d5-NEtFOSAA	*70.3*		*40 - 150*
13C2 4:2 FTS	*88.3*		*40 - 165*
13C2 6:2 FTS	*83.0*		*40 - 215*
13C2 8:2 FTS	*72.9*		*40 - 275*
13C3 HFPO-DA	*94.7*		*40 - 130*
d7-N-MeFOSE-M	*59.6*		*20 - 130*
d9-N-EtFOSE-M	*47.3*		*15 - 130*
d5-NEtPFOSA	*60.8*		*10 - 130*
d3-NMePFOSA	*67.0*		*10 - 130*
13C2 PFDoA	*77.8*		*40 - 130*

Lab Sample ID: LLCS 410-709414/4-A
Matrix: Solid
Analysis Batch: 709815

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 709414

Analyte	Spike Added	LLCS Result	LLCS Qualifier	Unit	D	%Rec	%Rec Limits
Perfluorobutanoic acid (PFBA)	0.485	0.405		ug/Kg		83	70 - 140
Perfluoropentanoic acid (PFPeA)	0.243	0.225		ug/Kg		93	60 - 150
Perfluorohexanoic acid (PFHxA)	0.243	0.233		ug/Kg		96	65 - 140
Perfluoroheptanoic acid (PFHpA)	0.243	0.227		ug/Kg		94	65 - 145
Perfluorooctanoic acid (PFOA)	0.243	0.227		ug/Kg		93	70 - 150
Perfluorononanoic acid (PFNA)	0.243	0.235		ug/Kg		97	70 - 155
Perfluorodecanoic acid (PFDA)	0.243	0.247		ug/Kg		102	70 - 155
Perfluoroundecanoic acid (PFUnA)	0.243	0.371		ug/Kg		153	70 - 155
Perfluorododecanoic acid (PFDoA)	0.243	0.309		ug/Kg		127	70 - 150
Perfluorotridecanoic acid (PFTrDA)	0.243	0.197		ug/Kg		81	65 - 150
Perfluorotetradecanoic acid (PFTeDA)	0.243	0.199		ug/Kg		82	65 - 150
Perfluorobutanesulfonic acid (PFBS)	0.216	0.198		ug/Kg		92	65 - 145
Perfluoropentanesulfonic acid (PFPeS)	0.228	0.199		ug/Kg		87	55 - 160
Perfluorohexanesulfonic acid (PFHxS)	0.221	0.246		ug/Kg		111	60 - 150
Perfluoroheptanesulfonic acid (PFHpS)	0.232	0.197		ug/Kg		85	65 - 155
Perfluorooctanesulfonic acid (PFOS)	0.226	0.219		ug/Kg		97	65 - 160
Perfluorononanesulfonic acid (PFNS)	0.233	0.206		ug/Kg		88	55 - 140
Perfluorodecanesulfonic acid (PFDS)	0.234	0.202		ug/Kg		86	40 - 155
Perfluorododecanesulfonic acid (PFDoS)	0.235	0.190		ug/Kg		81	25 - 160
1H,1H,2H,2H-Perfluorohexane sulfonic acid (4:2 FTS)	0.455	0.464		ug/Kg		102	60 - 150
1H,1H,2H,2H-Perfluorooctane sulfonic acid (6:2 FTS)	0.462	0.398		ug/Kg		86	55 - 200

Method: 1633A - Per- and Polyfluoroalkyl Substances by LC/MS/MS, 1633A (Continued)

Lab Sample ID: LLCS 410-709414/4-A
Matrix: Solid
Analysis Batch: 709815

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 709414

Analyte	Spike Added	LLCS Result	LLCS Qualifier	Unit	D	%Rec	%Rec Limits
1H,1H,2H,2H-Perfluorodecane sulfonic acid (8:2 FTS)	0.466	0.403		ug/Kg		87	70 - 150
Perfluorooctanesulfonamide (PFOSA)	0.243	0.246		ug/Kg		101	70 - 140
N-methylperfluorooctane sulfonamide (NMeFOSA)	0.243	0.223		ug/Kg		92	70 - 155
N-ethylperfluorooctane sulfonamide (NEtFOSA)	0.243	0.201		ug/Kg		83	70 - 140
N-methylperfluorooctanesulfonamidoacetic acid (NMeFOSAA)	0.243	0.159	J	ug/Kg		65	65 - 155
N-ethylperfluorooctanesulfonamidoacetic acid (NEtFOSAA)	0.243	0.225		ug/Kg		93	65 - 165
N-methylperfluorooctane sulfonamidoethanol (NMeFOSE)	1.21	1.089		ug/Kg		90	70 - 140
N-ethylperfluorooctane sulfonamidoethanol (NEtFOSE)	1.21	1.222		ug/Kg		101	70 - 135
Hexafluoropropylene Oxide Dimer Acid (HFPO-DA)	0.182	0.169	J	ug/Kg		93	70 - 145
4,8-Dioxa-3H-perfluorononanoic acid (ADONA)	0.230	0.222		ug/Kg		97	70 - 160
Perfluoro-3-methoxypropanoic acid (PFMPA)	0.243	0.222		ug/Kg		91	30 - 140
Perfluoro-4-methoxybutanoic acid (PFMBA)	0.243	0.228		ug/Kg		94	60 - 150
Nonafluoro-3,6-dioxaheptanoic acid (NFDHA)	0.243	0.240		ug/Kg		99	60 - 155
9-Chlorohexadecafluoro-3-oxanonane-1-sulfonic acid (9Cl-PF3ONS)	0.227	0.240		ug/Kg		106	70 - 150
11-Chloroeicosafluoro-3-oxaundecane-1-sulfonic acid (11Cl-PF3OUdS)	0.229	0.225		ug/Kg		98	45 - 160
Perfluoro (2-ethoxyethane) sulfonic acid (PFEESA)	0.217	0.181	J	ug/Kg		84	70 - 140
3-Perfluoropropylpropanoic acid (3:3 FTCA)	0.485	0.410		ug/Kg		84	45 - 130
3-Perfluoropentylpropanoic acid (5:3 FTCA)	1.21	1.153		ug/Kg		95	60 - 130
3-Perfluoroheptylpropanoic acid (7:3 FTCA)	1.21	0.973		ug/Kg		80	60 - 150

Isotope Dilution	*LLCS %Recovery*	*LLCS Qualifier*	*Limits*
13C4 PFBA	*107*		*8 - 130*
13C5 PFPeA	*87.0*		*35 - 130*
13C5 PFHxA	*87.3*		*40 - 130*
13C4 PFHpA	*86.2*		*40 - 130*
13C8 PFOA	*92.6*		*40 - 130*
13C9 PFNA	*91.0*		*40 - 130*
13C6 PFDA	*91.7*		*40 - 130*
13C7 PFUnA	*100*		*40 - 130*
13C2 PFTeDA	*85.8*		*20 - 130*
13C3 PFBS	*96.2*		*40 - 135*
13C3 PFHxS	*99.8*		*40 - 130*
13C8 PFOS	*82.2*		*40 - 130*

Method: 1633A - Per- and Polyfluoroalkyl Substances by LC/MS/MS, 1633A (Continued)

Lab Sample ID: LLCS 410-709414/4-A
Matrix: Solid
Analysis Batch: 709815

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 709414

Isotope Dilution	LLCS %Recovery	LLCS Qualifier	Limits
13C8 FOSA	75.6		40 - 130
d3-NMeFOSAA	80.4		40 - 135
d5-NEtFOSAA	76.6		40 - 150
13C2 4:2 FTS	88.8		40 - 165
13C2 6:2 FTS	102		40 - 215
13C2 8:2 FTS	117		40 - 275
13C3 HFPO-DA	90.0		40 - 130
d7-N-MeFOSE-M	77.6		20 - 130
d9-N-EtFOSE-M	72.9		15 - 130
d5-NEtPFOSA	92.4		10 - 130
d3-NMePFOSA	96.2		10 - 130
13C2 PFDoA	98.7		40 - 130

Lab Sample ID: MB 410-709692/1-A
Matrix: Solid
Analysis Batch: 709341

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 709692

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Perfluorobutanoic acid (PFBA)	0.40	U	0.40	0.10	ug/Kg		10/06/25 14:09	10/06/25 22:12	1
Perfluoropentanoic acid (PFPeA)	0.20	U	0.20	0.10	ug/Kg		10/06/25 14:09	10/06/25 22:12	1
Perfluorohexanoic acid (PFHxA)	0.20	U	0.20	0.10	ug/Kg		10/06/25 14:09	10/06/25 22:12	1
Perfluoroheptanoic acid (PFHpA)	0.20	U	0.20	0.10	ug/Kg		10/06/25 14:09	10/06/25 22:12	1
Perfluorooctanoic acid (PFOA)	0.20	U	0.20	0.060	ug/Kg		10/06/25 14:09	10/06/25 22:12	1
Perfluorononanoic acid (PFNA)	0.20	U	0.20	0.10	ug/Kg		10/06/25 14:09	10/06/25 22:12	1
Perfluorodecanoic acid (PFDA)	0.20	U	0.20	0.060	ug/Kg		10/06/25 14:09	10/06/25 22:12	1
Perfluoroundecanoic acid (PFUnA)	0.20	U	0.20	0.10	ug/Kg		10/06/25 14:09	10/06/25 22:12	1
Perfluorododecanoic acid (PFDoA)	0.20	U	0.20	0.10	ug/Kg		10/06/25 14:09	10/06/25 22:12	1
Perfluorotridecanoic acid (PFTrDA)	0.20	U	0.20	0.10	ug/Kg		10/06/25 14:09	10/06/25 22:12	1
Perfluorotetradecanoic acid (PFTeDA)	0.20	U	0.20	0.10	ug/Kg		10/06/25 14:09	10/06/25 22:12	1
Perfluorobutanesulfonic acid (PFBS)	0.20	U	0.20	0.10	ug/Kg		10/06/25 14:09	10/06/25 22:12	1
Perfluoropentanesulfonic acid (PFPeS)	0.20	U	0.20	0.10	ug/Kg		10/06/25 14:09	10/06/25 22:12	1
Perfluorohexanesulfonic acid (PFHxS)	0.20	U	0.20	0.10	ug/Kg		10/06/25 14:09	10/06/25 22:12	1
Perfluoroheptanesulfonic acid (PFHpS)	0.20	U	0.20	0.10	ug/Kg		10/06/25 14:09	10/06/25 22:12	1
Perfluorooctanesulfonic acid (PFOS)	0.20	U	0.20	0.10	ug/Kg		10/06/25 14:09	10/06/25 22:12	1
Perfluorononanesulfonic acid (PFNS)	0.20	U	0.20	0.10	ug/Kg		10/06/25 14:09	10/06/25 22:12	1
Perfluorodecanesulfonic acid (PFDS)	0.20	U	0.20	0.10	ug/Kg		10/06/25 14:09	10/06/25 22:12	1
Perfluorododecanesulfonic acid (PFDoS)	0.20	U	0.20	0.10	ug/Kg		10/06/25 14:09	10/06/25 22:12	1
1H,1H,2H,2H-Perfluorohexane sulfonic acid (4:2 FTS)	0.40	U	0.40	0.20	ug/Kg		10/06/25 14:09	10/06/25 22:12	1
1H,1H,2H,2H-Perfluorooctane sulfonic acid (6:2 FTS)	0.40	U	0.40	0.20	ug/Kg		10/06/25 14:09	10/06/25 22:12	1
1H,1H,2H,2H-Perfluorodecane sulfonic acid (8:2 FTS)	0.40	U	0.40	0.20	ug/Kg		10/06/25 14:09	10/06/25 22:12	1
Perfluorooctanesulfonamide (PFOSA)	0.20	U	0.20	0.10	ug/Kg		10/06/25 14:09	10/06/25 22:12	1
N-methylperfluorooctane sulfonamide (NMeFOSA)	0.20	U	0.20	0.10	ug/Kg		10/06/25 14:09	10/06/25 22:12	1
N-ethylperfluorooctane sulfonamide (NEtFOSA)	0.20	U	0.20	0.10	ug/Kg		10/06/25 14:09	10/06/25 22:12	1

Method: 1633A - Per- and Polyfluoroalkyl Substances by LC/MS/MS, 1633A (Continued)

Lab Sample ID: MB 410-709692/1-A
Matrix: Solid
Analysis Batch: 709341

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 709692

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
N-methylperfluorooctanesulfonamidoacetic acid (NMeFOSAA)	0.20	U	0.20	0.10	ug/Kg		10/06/25 14:09	10/06/25 22:12	1
N-methylperfluorooctanesulfonamidoacetic acid (NMeFOSAA)	0.20	U	0.20	0.10	ug/Kg		10/06/25 14:09	10/06/25 22:12	1
N-ethylperfluorooctanesulfonamidoacetic acid (NEtFOSAA)	0.20	U	0.20	0.10	ug/Kg		10/06/25 14:09	10/06/25 22:12	1
N-methylperfluorooctane sulfonamidoethanol (NMeFOSE)	1.00	U	1.00	0.50	ug/Kg		10/06/25 14:09	10/06/25 22:12	1
N-ethylperfluorooctane sulfonamidoethanol (NEtFOSE)	1.00	U	1.00	0.50	ug/Kg		10/06/25 14:09	10/06/25 22:12	1
Hexafluoropropylene Oxide Dimer Acid (HFPO-DA)	0.20	U	0.20	0.10	ug/Kg		10/06/25 14:09	10/06/25 22:12	1
4,8-Dioxa-3H-perfluorononanoic acid (ADONA)	0.20	U	0.20	0.10	ug/Kg		10/06/25 14:09	10/06/25 22:12	1
Perfluoro-3-methoxypropanoic acid (PFMPA)	0.20	U	0.20	0.10	ug/Kg		10/06/25 14:09	10/06/25 22:12	1
Perfluoro-4-methoxybutanoic acid (PFMBA)	0.20	U	0.20	0.10	ug/Kg		10/06/25 14:09	10/06/25 22:12	1
Nonafluoro-3,6-dioxaheptanoic acid (NFDHA)	0.20	U	0.20	0.10	ug/Kg		10/06/25 14:09	10/06/25 22:12	1
9-Chlorohexadecafluoro-3-oxanonane-1-sulfonic acid (9Cl-PF3ONS)	0.20	U	0.20	0.10	ug/Kg		10/06/25 14:09	10/06/25 22:12	1
11-Chloroeicosafluoro-3-oxaundecane-1-sulfonic acid (11Cl-PF3OUdS)	0.20	U	0.20	0.10	ug/Kg		10/06/25 14:09	10/06/25 22:12	1
Perfluoro (2-ethoxyethane) sulfonic acid (PFEESA)	0.20	U	0.20	0.10	ug/Kg		10/06/25 14:09	10/06/25 22:12	1
3-Perfluoropropylpropanoic acid (3:3 FTCA)	0.40	U	0.40	0.20	ug/Kg		10/06/25 14:09	10/06/25 22:12	1
3-Perfluoropentylpropanoic acid (5:3 FTCA)	1.00	U	1.00	0.50	ug/Kg		10/06/25 14:09	10/06/25 22:12	1
3-Perfluoroheptylpropanoic acid (7:3 FTCA)	1.00	U	1.00	0.50	ug/Kg		10/06/25 14:09	10/06/25 22:12	1

Isotope Dilution	*MB %Recovery*	*MB Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
13C4 PFBA	*101*		*8 - 130*	*10/06/25 14:09*	*10/06/25 22:12*	*1*
13C5 PFPeA	*97.4*		*35 - 130*	*10/06/25 14:09*	*10/06/25 22:12*	*1*
13C5 PFHxA	*91.1*		*40 - 130*	*10/06/25 14:09*	*10/06/25 22:12*	*1*
13C4 PFHpA	*101*		*40 - 130*	*10/06/25 14:09*	*10/06/25 22:12*	*1*
13C8 PFOA	*94.2*		*40 - 130*	*10/06/25 14:09*	*10/06/25 22:12*	*1*
13C9 PFNA	*91.2*		*40 - 130*	*10/06/25 14:09*	*10/06/25 22:12*	*1*
13C6 PFDA	*90.8*		*40 - 130*	*10/06/25 14:09*	*10/06/25 22:12*	*1*
13C7 PFUnA	*89.3*		*40 - 130*	*10/06/25 14:09*	*10/06/25 22:12*	*1*
13C2 PFTeDA	*80.8*		*20 - 130*	*10/06/25 14:09*	*10/06/25 22:12*	*1*
13C3 PFBS	*94.7*		*40 - 135*	*10/06/25 14:09*	*10/06/25 22:12*	*1*
13C3 PFHxS	*95.7*		*40 - 130*	*10/06/25 14:09*	*10/06/25 22:12*	*1*
13C8 PFOS	*92.4*		*40 - 130*	*10/06/25 14:09*	*10/06/25 22:12*	*1*
13C8 FOSA	*86.6*		*40 - 130*	*10/06/25 14:09*	*10/06/25 22:12*	*1*
d3-NMeFOSAA	*78.1*		*40 - 135*	*10/06/25 14:09*	*10/06/25 22:12*	*1*
d5-NEtFOSAA	*131*		*40 - 150*	*10/06/25 14:09*	*10/06/25 22:12*	*1*
13C2 4:2 FTS	*104*		*40 - 165*	*10/06/25 14:09*	*10/06/25 22:12*	*1*
13C2 6:2 FTS	*96.7*		*40 - 215*	*10/06/25 14:09*	*10/06/25 22:12*	*1*
13C2 8:2 FTS	*86.4*		*40 - 275*	*10/06/25 14:09*	*10/06/25 22:12*	*1*
13C3 HFPO-DA	*99.0*		*40 - 130*	*10/06/25 14:09*	*10/06/25 22:12*	*1*

Method: 1633A - Per- and Polyfluoroalkyl Substances by LC/MS/MS, 1633A (Continued)

Lab Sample ID: MB 410-709692/1-A
Matrix: Solid
Analysis Batch: 709341

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 709692

Isotope Dilution	MB %Recovery	MB Qualifier	Limits	Prepared	Analyzed	Dil Fac
d7-N-MeFOSE-M	63.4		20 - 130	10/06/25 14:09	10/06/25 22:12	1
d9-N-EtFOSE-M	47.6		15 - 130	10/06/25 14:09	10/06/25 22:12	1
d5-NEtPFOSA	64.2		10 - 130	10/06/25 14:09	10/06/25 22:12	1
d3-NMePFOSA	74.2		10 - 130	10/06/25 14:09	10/06/25 22:12	1
13C2 PFDoA	87.3		40 - 130	10/06/25 14:09	10/06/25 22:12	1

Lab Sample ID: LCS 410-709692/2-A
Matrix: Solid
Analysis Batch: 709341

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 709692

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
Perfluorobutanoic acid (PFBA)	5.00	5.126		ug/Kg		103	70 - 140
Perfluoropentanoic acid (PFPeA)	2.50	2.852		ug/Kg		114	60 - 150
Perfluorohexanoic acid (PFHxA)	2.50	2.549		ug/Kg		102	65 - 140
Perfluoroheptanoic acid (PFHpA)	2.50	2.740		ug/Kg		110	65 - 145
Perfluorooctanoic acid (PFOA)	2.50	2.703		ug/Kg		108	70 - 150
Perfluorononanoic acid (PFNA)	2.50	2.574		ug/Kg		103	70 - 155
Perfluorodecanoic acid (PFDA)	2.50	2.570		ug/Kg		103	70 - 155
Perfluoroundecanoic acid (PFUnA)	2.50	2.868		ug/Kg		115	70 - 155
Perfluorododecanoic acid (PFDoA)	2.50	2.710		ug/Kg		108	70 - 150
Perfluorotridecanoic acid (PFTrDA)	2.50	2.587		ug/Kg		103	65 - 150
Perfluorotetradecanoic acid (PFTeDA)	2.50	2.976		ug/Kg		119	65 - 150
Perfluorobutanesulfonic acid (PFBS)	2.22	2.327		ug/Kg		105	65 - 145
Perfluoropentanesulfonic acid (PFPeS)	2.35	2.595		ug/Kg		110	55 - 160
Perfluorohexanesulfonic acid (PFHxS)	2.28	2.367		ug/Kg		104	60 - 150
Perfluoroheptanesulfonic acid (PFHpS)	2.39	2.618		ug/Kg		110	65 - 155
Perfluorooctanesulfonic acid (PFOS)	2.33	2.360		ug/Kg		101	65 - 160
Perfluorononanesulfonic acid (PFNS)	2.41	2.284		ug/Kg		95	55 - 140
Perfluorodecanesulfonic acid (PFDS)	2.41	2.372		ug/Kg		98	40 - 155
Perfluorododecanesulfonic acid (PFDoS)	2.43	2.194		ug/Kg		90	25 - 160
1H,1H,2H,2H-Perfluorohexane sulfonic acid (4:2 FTS)	4.69	4.846		ug/Kg		103	60 - 150
1H,1H,2H,2H-Perfluorooctane sulfonic acid (6:2 FTS)	4.76	5.067		ug/Kg		106	55 - 200
1H,1H,2H,2H-Perfluorodecane sulfonic acid (8:2 FTS)	4.80	4.881		ug/Kg		102	70 - 150
Perfluorooctanesulfonamide (PFOSA)	2.50	2.725		ug/Kg		109	70 - 140
N-methylperfluorooctane sulfonamide (NMeFOSA)	2.50	2.553		ug/Kg		102	70 - 155

Method: 1633A - Per- and Polyfluoroalkyl Substances by LC/MS/MS, 1633A (Continued)

Lab Sample ID: LCS 410-709692/2-A
Matrix: Solid
Analysis Batch: 709341

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 709692

Analyte			Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits		
N-ethylperfluorooctane sulfonamide (NEtFOSA)			2.50	2.782		ug/Kg		111	70 - 140		
N-methylperfluorooctanesulfonamidoacetic acid (NMeFOSAA)			2.50	2.643		ug/Kg		106	65 - 155		
N-ethylperfluorooctanesulfonamidoacetic acid (NEtFOSAA)			2.50	2.815		ug/Kg		113	65 - 165		
N-methylperfluorooctane sulfonamidoethanol (NMeFOSE)			12.5	13.45		ug/Kg		108	70 - 140		
N-ethylperfluorooctane sulfonamidoethanol (NEtFOSE)			12.5	13.36		ug/Kg		107	70 - 135		
Hexafluoropropylene Oxide Dimer Acid (HFPO-DA)			1.88	1.977		ug/Kg		105	70 - 145		
4,8-Dioxa-3H-perfluorononanoic acid (ADONA)			2.37	2.554		ug/Kg		108	70 - 160		
Perfluoro-3-methoxypropanoic acid (PFMPA)			2.50	2.700		ug/Kg		108	30 - 140		
Perfluoro-4-methoxybutanoic acid (PFMBA)			2.50	2.610		ug/Kg		104	60 - 150		
Nonafluoro-3,6-dioxaheptanoic acid (NFDHA)			2.50	2.593		ug/Kg		104	60 - 155		
9-Chlorohexadecafluoro-3-oxanonane-1-sulfonic acid (9Cl-PF3ONS)			2.34	2.271		ug/Kg		97	70 - 150		
11-Chloroeicosafluoro-3-oxaundecane-1-sulfonic acid (11Cl-PF3OUdS)			2.36	2.266		ug/Kg		96	45 - 160		
Perfluoro (2-ethoxyethane) sulfonic acid (PFEESA)			2.23	2.648		ug/Kg		119	70 - 140		
3-Perfluoropropylpropanoic acid (3:3 FTCA)			5.00	4.449		ug/Kg		89	45 - 130		
3-Perfluoropentylpropanoic acid (5:3 FTCA)			12.5	11.86		ug/Kg		95	60 - 130		
3-Perfluoroheptylpropanoic acid (7:3 FTCA)			12.5	11.73		ug/Kg		94	60 - 150		

Isotope Dilution	*LCS %Recovery*	*LCS Qualifier*	*Limits*
13C4 PFBA	*109*		*8 - 130*
13C5 PFPeA	*104*		*35 - 130*
13C5 PFHxA	*102*		*40 - 130*
13C4 PFHpA	*108*		*40 - 130*
13C8 PFOA	*96.9*		*40 - 130*
13C9 PFNA	*102*		*40 - 130*
13C6 PFDA	*103*		*40 - 130*
13C7 PFUnA	*94.9*		*40 - 130*
13C2 PFTeDA	*83.0*		*20 - 130*
13C3 PFBS	*102*		*40 - 135*
13C3 PFHxS	*101*		*40 - 130*
13C8 PFOS	*104*		*40 - 130*
13C8 FOSA	*93.5*		*40 - 130*
d3-NMeFOSAA	*93.3*		*40 - 135*
d5-NEtFOSAA	*93.2*		*40 - 150*
13C2 4:2 FTS	*104*		*40 - 165*
13C2 6:2 FTS	*97.1*		*40 - 215*

Method: 1633A - Per- and Polyfluoroalkyl Substances by LC/MS/MS, 1633A (Continued)

Lab Sample ID: LCS 410-709692/2-A
Matrix: Solid
Analysis Batch: 709341

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 709692

Isotope Dilution	*LCS %Recovery*	*LCS Qualifier*	*Limits*
13C2 8:2 FTS	*92.0*		*40 - 275*
13C3 HFPO-DA	*107*		*40 - 130*
d7-N-MeFOSE-M	*71.4*		*20 - 130*
d9-N-EtFOSE-M	*64.4*		*15 - 130*
d5-NEtPFOSA	*71.1*		*10 - 130*
d3-NMePFOSA	*81.6*		*10 - 130*
13C2 PFDoA	*96.9*		*40 - 130*

Lab Sample ID: LCSD 410-709692/3-A
Matrix: Solid
Analysis Batch: 709341

Client Sample ID: Lab Control Sample Dup
Prep Type: Total/NA
Prep Batch: 709692

Analyte			Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Perfluorobutanoic acid (PFBA)			5.00	5.129		ug/Kg		103	70 - 140	0	30
Perfluoropentanoic acid (PFPeA)			2.50	2.844		ug/Kg		114	60 - 150	0	30
Perfluorohexanoic acid (PFHxA)			2.50	2.600		ug/Kg		104	65 - 140	2	30
Perfluoroheptanoic acid (PFHpA)			2.50	2.740		ug/Kg		110	65 - 145	0	30
Perfluorooctanoic acid (PFOA)			2.50	2.640		ug/Kg		106	70 - 150	2	30
Perfluorononanoic acid (PFNA)			2.50	2.730		ug/Kg		109	70 - 155	6	30
Perfluorodecanoic acid (PFDA)			2.50	2.606		ug/Kg		104	70 - 155	1	30
Perfluoroundecanoic acid (PFUnA)			2.50	2.882		ug/Kg		115	70 - 155	0	30
Perfluorododecanoic acid (PFDoA)			2.50	2.817		ug/Kg		113	70 - 150	4	30
Perfluorotridecanoic acid (PFTrDA)			2.50	2.670		ug/Kg		107	65 - 150	3	30
Perfluorotetradecanoic acid (PFTeDA)			2.50	2.856		ug/Kg		114	65 - 150	4	30
Perfluorobutanesulfonic acid (PFBS)			2.22	2.325		ug/Kg		105	65 - 145	0	30
Perfluoropentanesulfonic acid (PFPeS)			2.35	2.583		ug/Kg		110	55 - 160	0	30
Perfluorohexanesulfonic acid (PFHxS)			2.28	2.380		ug/Kg		104	60 - 150	1	30
Perfluoroheptanesulfonic acid (PFHpS)			2.39	2.674		ug/Kg		112	65 - 155	2	30
Perfluorooctanesulfonic acid (PFOS)			2.33	2.394		ug/Kg		103	65 - 160	1	30
Perfluorononanesulfonic acid (PFNS)			2.41	2.305		ug/Kg		96	55 - 140	1	30
Perfluorodecanesulfonic acid (PFDS)			2.41	2.369		ug/Kg		98	40 - 155	0	30
Perfluorododecanesulfonic acid (PFDoS)			2.43	2.487		ug/Kg		103	25 - 160	13	30
1H,1H,2H,2H-Perfluorohexane sulfonic acid (4:2 FTS)			4.69	4.851		ug/Kg		103	60 - 150	0	30
1H,1H,2H,2H-Perfluorooctane sulfonic acid (6:2 FTS)			4.76	5.221		ug/Kg		110	55 - 200	3	30
1H,1H,2H,2H-Perfluorodecane sulfonic acid (8:2 FTS)			4.80	5.203		ug/Kg		108	70 - 150	6	30
Perfluorooctanesulfonamide (PFOSA)			2.50	2.751		ug/Kg		110	70 - 140	1	30

Method: 1633A - Per- and Polyfluoroalkyl Substances by LC/MS/MS, 1633A (Continued)

Lab Sample ID: LCSD 410-709692/3-A
Matrix: Solid
Analysis Batch: 709341

Client Sample ID: Lab Control Sample Dup
Prep Type: Total/NA
Prep Batch: 709692

Analyte			Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
N-methylperfluorooctane sulfonamide (NMeFOSA)			2.50	2.551		ug/Kg		102	70 - 155	0	30
N-ethylperfluorooctane sulfonamide (NEtFOSA)			2.50	2.672		ug/Kg		107	70 - 140	4	30
N-methylperfluorooctanesulfonamidoacetic acid (NMeFOSAA)			2.50	2.646		ug/Kg		106	65 - 155	0	30
N-ethylperfluorooctanesulfonamidoacetic acid (NEtFOSAA)			2.50	2.784		ug/Kg		111	65 - 165	1	30
N-methylperfluorooctane sulfonamidoethanol (NMeFOSE)			12.5	13.17		ug/Kg		105	70 - 140	2	30
N-ethylperfluorooctane sulfonamidoethanol (NEtFOSE)			12.5	13.19		ug/Kg		106	70 - 135	1	30
Hexafluoropropylene Oxide Dimer Acid (HFPO-DA)			1.88	1.964		ug/Kg		105	70 - 145	1	30
4,8-Dioxa-3H-perfluorononanoic acid (ADONA)			2.37	2.488		ug/Kg		105	70 - 160	3	30
Perfluoro-3-methoxypropanoic acid (PFMPA)			2.50	2.653		ug/Kg		106	30 - 140	2	30
Perfluoro-4-methoxybutanoic acid (PFMBA)			2.50	2.660		ug/Kg		106	60 - 150	2	30
Nonafluoro-3,6-dioxaheptanoic acid (NFDHA)			2.50	2.755		ug/Kg		110	60 - 155	6	30
9-Chlorohexadecafluoro-3-oxanonane-1-sulfonic acid (9Cl-PF3ONS)			2.34	2.291		ug/Kg		98	70 - 150	1	30
11-Chloroeicosafluoro-3-oxaundecane-1-sulfonic acid (11Cl-PF3OUdS)			2.36	2.356		ug/Kg		100	45 - 160	4	30
Perfluoro (2-ethoxyethane) sulfonic acid (PFEESA)			2.23	2.616		ug/Kg		117	70 - 140	1	30
3-Perfluoropropylpropanoic acid (3:3 FTCA)			5.00	4.397		ug/Kg		88	45 - 130	1	30
3-Perfluoropentylpropanoic acid (5:3 FTCA)			12.5	11.40		ug/Kg		91	60 - 130	4	30
3-Perfluoroheptylpropanoic acid (7:3 FTCA)			12.5	11.42		ug/Kg		91	60 - 150	3	30

Isotope Dilution	*LCSD %Recovery*	*LCSD Qualifier*	*Limits*
13C4 PFBA	*103*		*8 - 130*
13C5 PFPeA	*101*		*35 - 130*
13C5 PFHxA	*95.7*		*40 - 130*
13C4 PFHpA	*105*		*40 - 130*
13C8 PFOA	*101*		*40 - 130*
13C9 PFNA	*95.9*		*40 - 130*
13C6 PFDA	*96.3*		*40 - 130*
13C7 PFUnA	*85.6*		*40 - 130*
13C2 PFTeDA	*84.3*		*20 - 130*
13C3 PFBS	*98.4*		*40 - 135*
13C3 PFHxS	*97.1*		*40 - 130*
13C8 PFOS	*98.0*		*40 - 130*
13C8 FOSA	*88.8*		*40 - 130*
d3-NMeFOSAA	*87.7*		*40 - 135*
d5-NEtFOSAA	*88.5*		*40 - 150*

Method: 1633A - Per- and Polyfluoroalkyl Substances by LC/MS/MS, 1633A (Continued)

Lab Sample ID: LCSD 410-709692/3-A
Matrix: Solid
Analysis Batch: 709341

Client Sample ID: Lab Control Sample Dup
Prep Type: Total/NA
Prep Batch: 709692

Isotope Dilution	*LCSD %Recovery*	*LCSD Qualifier*	*Limits*
13C2 4:2 FTS	*101*		*40 - 165*
13C2 6:2 FTS	*90.6*		*40 - 215*
13C2 8:2 FTS	*87.8*		*40 - 275*
13C3 HFPO-DA	*102*		*40 - 130*
d7-N-MeFOSE-M	*77.9*		*20 - 130*
d9-N-EtFOSE-M	*72.9*		*15 - 130*
d5-NEtPFOSA	*72.4*		*10 - 130*
d3-NMePFOSA	*82.1*		*10 - 130*
13C2 PFDoA	*92.4*		*40 - 130*

Lab Sample ID: LLCS 410-709692/4-A
Matrix: Solid
Analysis Batch: 709341

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 709692

Analyte	Spike Added	LLCS Result	LLCS Qualifier	Unit	D	%Rec	%Rec Limits
Perfluorobutanoic acid (PFBA)	0.500	0.429		ug/Kg		86	70 - 140
Perfluoropentanoic acid (PFPeA)	0.250	0.228		ug/Kg		91	60 - 150
Perfluorohexanoic acid (PFHxA)	0.250	0.246		ug/Kg		99	65 - 140
Perfluoroheptanoic acid (PFHpA)	0.250	0.232		ug/Kg		93	65 - 145
Perfluorooctanoic acid (PFOA)	0.250	0.228		ug/Kg		91	70 - 150
Perfluorononanoic acid (PFNA)	0.250	0.252		ug/Kg		101	70 - 155
Perfluorodecanoic acid (PFDA)	0.250	0.244		ug/Kg		97	70 - 155
Perfluoroundecanoic acid (PFUnA)	0.250	0.240		ug/Kg		96	70 - 155
Perfluorododecanoic acid (PFDoA)	0.250	0.237		ug/Kg		95	70 - 150
Perfluorotridecanoic acid (PFTrDA)	0.250	0.217		ug/Kg		87	65 - 150
Perfluorotetradecanoic acid (PFTeDA)	0.250	0.250		ug/Kg		100	65 - 150
Perfluorobutanesulfonic acid (PFBS)	0.222	0.195	J	ug/Kg		88	65 - 145
Perfluoropentanesulfonic acid (PFPeS)	0.235	0.219		ug/Kg		93	55 - 160
Perfluorohexanesulfonic acid (PFHxS)	0.228	0.213		ug/Kg		93	60 - 150
Perfluoroheptanesulfonic acid (PFHpS)	0.239	0.217		ug/Kg		91	65 - 155
Perfluorooctanesulfonic acid (PFOS)	0.233	0.212		ug/Kg		91	65 - 160
Perfluorononanesulfonic acid (PFNS)	0.241	0.191	J	ug/Kg		79	55 - 140
Perfluorodecanesulfonic acid (PFDS)	0.241	0.205		ug/Kg		85	40 - 155
Perfluorododecanesulfonic acid (PFDoS)	0.243	0.199	J	ug/Kg		82	25 - 160
1H,1H,2H,2H-Perfluorohexane sulfonic acid (4:2 FTS)	0.469	0.436		ug/Kg		93	60 - 150
1H,1H,2H,2H-Perfluorooctane sulfonic acid (6:2 FTS)	0.476	0.467		ug/Kg		98	55 - 200
1H,1H,2H,2H-Perfluorodecane sulfonic acid (8:2 FTS)	0.480	0.410		ug/Kg		85	70 - 150

Method: 1633A - Per- and Polyfluoroalkyl Substances by LC/MS/MS, 1633A (Continued)

Lab Sample ID: LLCS 410-709692/4-A
Matrix: Solid
Analysis Batch: 709341

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 709692

Analyte	Spike Added	LLCS Result	LLCS Qualifier	Unit	D	%Rec	%Rec Limits
Perfluorooctanesulfonamide (PFOSA)	0.250	0.265		ug/Kg		106	70 - 140
N-methylperfluorooctane sulfonamide (NMeFOSA)	0.250	0.245		ug/Kg		98	70 - 155
N-ethylperfluorooctane sulfonamide (NEtFOSA)	0.250	0.225		ug/Kg		90	70 - 140
N-methylperfluorooctanesulfonamidoacetic acid (NMeFOSAA)	0.250	0.182	J	ug/Kg		73	65 - 155
N-ethylperfluorooctanesulfonamidoacetic acid (NEtFOSAA)	0.250	0.241		ug/Kg		96	65 - 165
N-methylperfluorooctane sulfonamidoethanol (NMeFOSE)	1.25	1.268		ug/Kg		101	70 - 140
N-ethylperfluorooctane sulfonamidoethanol (NEtFOSE)	1.25	1.104		ug/Kg		88	70 - 135
Hexafluoropropylene Oxide Dimer Acid (HFPO-DA)	0.188	0.168	J	ug/Kg		90	70 - 145
4,8-Dioxa-3H-perfluorononanoic acid (ADONA)	0.237	0.221		ug/Kg		94	70 - 160
Perfluoro-3-methoxypropanoic acid (PFMPA)	0.250	0.221		ug/Kg		88	30 - 140
Perfluoro-4-methoxybutanoic acid (PFMBA)	0.250	0.212		ug/Kg		85	60 - 150
Nonafluoro-3,6-dioxaheptanoic acid (NFDHA)	0.250	0.260		ug/Kg		104	60 - 155
9-Chlorohexadecafluoro-3-oxanonane-1-sulfonic acid (9Cl-PF3ONS)	0.234	0.213		ug/Kg		91	70 - 150
11-Chloroeicosafluoro-3-oxaundecane-1-sulfonic acid (11Cl-PF3OUdS)	0.236	0.195	J	ug/Kg		83	45 - 160
Perfluoro (2-ethoxyethane) sulfonic acid (PFEESA)	0.223	0.211		ug/Kg		95	70 - 140
3-Perfluoropropylpropanoic acid (3:3 FTCA)	0.500	0.368	J	ug/Kg		74	45 - 130
3-Perfluoropentylpropanoic acid (5:3 FTCA)	1.25	1.186		ug/Kg		95	60 - 130
3-Perfluoroheptylpropanoic acid (7:3 FTCA)	1.25	1.111		ug/Kg		89	60 - 150

Isotope Dilution	*LLCS %Recovery*	*LLCS Qualifier*	*Limits*
13C4 PFBA	*116*		*8 - 130*
13C5 PFPeA	*116*		*35 - 130*
13C5 PFHxA	*106*		*40 - 130*
13C4 PFHpA	*118*		*40 - 130*
13C8 PFOA	*108*		*40 - 130*
13C9 PFNA	*104*		*40 - 130*
13C6 PFDA	*103*		*40 - 130*
13C7 PFUnA	*95.4*		*40 - 130*
13C2 PFTeDA	*87.3*		*20 - 130*
13C3 PFBS	*110*		*40 - 135*
13C3 PFHxS	*107*		*40 - 130*
13C8 PFOS	*110*		*40 - 130*
13C8 FOSA	*96.2*		*40 - 130*

Method: 1633A - Per- and Polyfluoroalkyl Substances by LC/MS/MS, 1633A (Continued)

Lab Sample ID: LLCS 410-709692/4-A
Matrix: Solid
Analysis Batch: 709341

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 709692

Isotope Dilution	*LLCS %Recovery*	*LLCS Qualifier*	*Limits*
d3-NMeFOSAA	*97.8*		*40 - 135*
d5-NEtFOSAA	*96.9*		*40 - 150*
13C2 4:2 FTS	*113*		*40 - 165*
13C2 6:2 FTS	*114*		*40 - 215*
13C2 8:2 FTS	*101*		*40 - 275*
13C3 HFPO-DA	*120*		*40 - 130*
d7-N-MeFOSE-M	*80.5*		*20 - 130*
d9-N-EtFOSE-M	*75.7*		*15 - 130*
d5-NEtPFOSA	*77.4*		*10 - 130*
d3-NMePFOSA	*88.2*		*10 - 130*
13C2 PFDoA	*99.1*		*40 - 130*

Method: 6020B - Metals (ICP/MS)

Lab Sample ID: MB 460-1066173/1-A
Matrix: Solid
Analysis Batch: 1066328

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 1066173

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Aluminum	20.0	U	20.0	5.5	mg/Kg		10/06/25 07:14	10/06/25 18:21	1
Antimony	1.0	U	1.0	0.15	mg/Kg		10/06/25 07:14	10/06/25 18:21	1
Arsenic	1.0	U	1.0	0.10	mg/Kg		10/06/25 07:14	10/06/25 18:21	1
Barium	2.0	U	2.0	0.15	mg/Kg		10/06/25 07:14	10/06/25 18:21	1
Beryllium	0.40	U	0.40	0.022	mg/Kg		10/06/25 07:14	10/06/25 18:21	1
Cadmium	1.0	U	1.0	0.11	mg/Kg		10/06/25 07:14	10/06/25 18:21	1
Calcium	100	U	100	9.7	mg/Kg		10/06/25 07:14	10/06/25 18:21	1
Chromium	2.0	U	2.0	0.30	mg/Kg		10/06/25 07:14	10/06/25 18:21	1
Cobalt	1.0	U	1.0	0.15	mg/Kg		10/06/25 07:14	10/06/25 18:21	1
Copper	2.0	U	2.0	0.37	mg/Kg		10/06/25 07:14	10/06/25 18:21	1
Iron	60.0	U	60.0	7.7	mg/Kg		10/06/25 07:14	10/06/25 18:21	1
Lead	0.60	U	0.60	0.20	mg/Kg		10/06/25 07:14	10/06/25 18:21	1
Magnesium	100	U	100	10.2	mg/Kg		10/06/25 07:14	10/06/25 18:21	1
Manganese	4.0	U	4.0	0.40	mg/Kg		10/06/25 07:14	10/06/25 18:21	1
Nickel	2.0	U	2.0	0.18	mg/Kg		10/06/25 07:14	10/06/25 18:21	1
Potassium	100	U	100	16.2	mg/Kg		10/06/25 07:14	10/06/25 18:21	1
Selenium	1.3	U	1.3	0.13	mg/Kg		10/06/25 07:14	10/06/25 18:21	1
Silver	0.40	U	0.40	0.089	mg/Kg		10/06/25 07:14	10/06/25 18:21	1
Sodium	100	U	100	45.7	mg/Kg		10/06/25 07:14	10/06/25 18:21	1
Thallium	0.40	U	0.40	0.041	mg/Kg		10/06/25 07:14	10/06/25 18:21	1
Vanadium	2.0	U	2.0	0.21	mg/Kg		10/06/25 07:14	10/06/25 18:21	1
Zinc	8.0	U	8.0	1.1	mg/Kg		10/06/25 07:14	10/06/25 18:21	1

Lab Sample ID: LCSSRM 460-1066173/2-A
Matrix: Solid
Analysis Batch: 1066533

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 1066173

Analyte			Spike Added	LCSSRM Result	LCSSRM Qualifier	Unit	D	%Rec	%Rec Limits		
Aluminum			6840	6035		mg/Kg		88.2	53.2 - 146.2		
Antimony			131	95.18		mg/Kg		72.7	4.5 - 195.4		

Method: 6020B - Metals (ICP/MS) (Continued)

Lab Sample ID: LCSSRM 460-1066173/2-A
Matrix: Solid
Analysis Batch: 1066533

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 1066173

Analyte	Spike Added	LCSSRM Result	LCSSRM Qualifier	Unit	D	%Rec	%Rec Limits
Arsenic	192	189.0		mg/Kg		98.4	81.3 - 118.8
Barium	219	197.4		mg/Kg		90.1	81.7 - 118.3
Beryllium	146	128.3		mg/Kg		87.9	82.2 - 117.8
Cadmium	114	112.9		mg/Kg		99.0	81.7 - 118.4
Calcium	4080	3998		mg/Kg		98.0	82.4 - 117.6
Chromium	153	153.8		mg/Kg		100.5	81.0 - 119.0
Cobalt	231	235.9		mg/Kg		102.1	83.1 - 117.3
Copper	91.2	92.48		mg/Kg		101.4	83.1 - 117.3
Iron	7020	6578		mg/Kg		93.7	60.7 - 139.2
Lead	141	134.8		mg/Kg		95.6	81.6 - 118.4
Magnesium	1900	1830		mg/Kg		96.3	76.3 - 123.7
Manganese	401	395.4		mg/Kg		98.6	80.8 - 119.0
Nickel	143	149.5		mg/Kg		104.5	81.8 - 118.9
Potassium	1760	1605		mg/Kg		91.2	72.2 - 127.8
Selenium	94.7	98.24		mg/Kg		103.7	78.5 - 121.4
Silver	77.0	74.75		mg/Kg		97.1	79.4 - 120.6
Sodium	661	686.3		mg/Kg		103.8	73.7 - 126.2
Thallium	183	178.7		mg/Kg		97.6	80.3 - 119.7
Vanadium	159	156.4		mg/Kg		98.3	78.6 - 122.0
Zinc	292	300.7		mg/Kg		103.0	79.8 - 120.2

Lab Sample ID: 460-336081-12 MS
Matrix: Solid
Analysis Batch: 1066328

Client Sample ID: 56C_3-6
Prep Type: Total/NA
Prep Batch: 1066173

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec Limits
Aluminum	4360		533	5152	4	mg/Kg	☼	148	75 - 125
Antimony	0.91	J	5.33	3.57	N	mg/Kg	☼	50	75 - 125
Arsenic	6.2		10.7	16.10		mg/Kg	☼	93	75 - 125
Barium	34.5		10.7	39.37	N	mg/Kg	☼	46	75 - 125
Beryllium	0.52		5.33	4.91		mg/Kg	☼	82	75 - 125
Cadmium	1.1	U	5.33	4.91		mg/Kg	☼	92	75 - 125
Calcium	809		533	1226		mg/Kg	☼	78	75 - 125
Chromium	16.9		10.7	26.92		mg/Kg	☼	94	75 - 125

Method: 6020B - Metals (ICP/MS) (Continued)

Lab Sample ID: 460-336081-12 MS
Matrix: Solid
Analysis Batch: 1066328

Client Sample ID: 56C_3-6
Prep Type: Total/NA
Prep Batch: 1066173

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec Limits
Cobalt	7.4		5.33	11.38		mg/Kg	☼	75	75 - 125
Copper	51.9		10.7	58.10	4	mg/Kg	☼	59	75 - 125
Iron	13500		533	14420	4	mg/Kg	☼	174	75 - 125
Lead	92.7		5.33	118.8	4	mg/Kg	☼	491	75 - 125
Magnesium	848		533	1136	N	mg/Kg	☼	54	75 - 125
Manganese	74.2		53.3	116.5		mg/Kg	☼	79	75 - 125
Nickel	21.2		10.7	26.43	N	mg/Kg	☼	49	75 - 125
Potassium	629		533	1077		mg/Kg	☼	84	75 - 125
Selenium	0.70	J	10.7	10.38		mg/Kg	☼	91	75 - 125
Silver	0.17	J	5.33	5.00		mg/Kg	☼	91	75 - 125
Sodium	100	J	533	574.6		mg/Kg	☼	89	75 - 125
Thallium	0.051	J	4.26	3.95		mg/Kg	☼	91	75 - 125
Vanadium	18.1		10.7	27.89		mg/Kg	☼	91	75 - 125
Zinc	136		53.3	174.1	N	mg/Kg	☼	72	75 - 125

Lab Sample ID: 460-336081-12 DU
Matrix: Solid
Analysis Batch: 1066328

Client Sample ID: 56C_3-6
Prep Type: Total/NA
Prep Batch: 1066173

Analyte	Sample Result	Sample Qualifier	DU Result	DU Qualifier	Unit	D	RPD	RPD Limit
Aluminum	4360		3870		mg/Kg	☼	12	20
Antimony	0.91	J	0.728	J	mg/Kg	☼	23	20
Arsenic	6.2		6.87		mg/Kg	☼	10	20
Barium	34.5		27.77	*	mg/Kg	☼	22	20
Beryllium	0.52		0.460		mg/Kg	☼	12	20
Cadmium	1.1	U	1.1	U	mg/Kg	☼	NC	20
Calcium	809		636.4	*	mg/Kg	☼	24	20
Chromium	16.9		17.48		mg/Kg	☼	3	20
Cobalt	7.4		5.85	*	mg/Kg	☼	23	20
Copper	51.9		43.50		mg/Kg	☼	18	20
Iron	13500		13380		mg/Kg	☼	0.8	20
Lead	92.7		89.11		mg/Kg	☼	4	20
Magnesium	848		616.5	*	mg/Kg	☼	32	20
Manganese	74.2		64.99		mg/Kg	☼	13	20
Nickel	21.2		15.09	*	mg/Kg	☼	34	20
Potassium	629		532.8		mg/Kg	☼	17	20
Selenium	0.70	J	0.676	J	mg/Kg	☼	4	20
Silver	0.17	J	0.159	J	mg/Kg	☼	9	20
Sodium	100	J	78.83	J	mg/Kg	☼	24	20
Thallium	0.051	J	0.0487	J	mg/Kg	☼	5	20
Vanadium	18.1		18.05		mg/Kg	☼	0.5	20
Zinc	136		97.87	*	mg/Kg	☼	33	20

Method: 7471B - Mercury (CVAA)

Lab Sample ID: MB 460-1066122/1-A
Matrix: Solid
Analysis Batch: 1066283

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 1066122

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	0.017	U	0.017	0.0080	mg/Kg		10/06/25 02:16	10/06/25 11:26	1

Lab Sample ID: LCSSRM 460-1066122/2-A
Matrix: Solid
Analysis Batch: 1066283

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 1066122

Analyte	Spike Added	LCSSRM Result	LCSSRM Qualifier	Unit	D	%Rec	%Rec Limits
Mercury	14.1	11.11		mg/Kg		78.8	69.6 - 130.5

Lab Sample ID: 460-336063-I-1-S MS
Matrix: Solid
Analysis Batch: 1066283

Client Sample ID: Matrix Spike
Prep Type: Total/NA
Prep Batch: 1066122

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec Limits
Mercury	0.053		0.0798	0.120		mg/Kg	☼	84	80 - 120

Lab Sample ID: 460-336063-I-1-R DU
Matrix: Solid
Analysis Batch: 1066283

Client Sample ID: Duplicate
Prep Type: Total/NA
Prep Batch: 1066122

Analyte	Sample Result	Sample Qualifier	DU Result	DU Qualifier	Unit	D	RPD	RPD Limit
Mercury	0.053		0.0491		mg/Kg	☼	7	20

Method: Moisture - Percent Moisture

Lab Sample ID: 460-335807-D-8 DU
Matrix: Solid
Analysis Batch: 1066046

Client Sample ID: Duplicate
Prep Type: Total/NA

Analyte	Sample Result	Sample Qualifier	DU Result	DU Qualifier	Unit	D	RPD	RPD Limit
Percent Moisture	12.2		14.6		%		18	20
Percent Solids	87.8		85.4		%		3	20

Lab Sample ID: 460-336081-11 DU
Matrix: Solid
Analysis Batch: 1066047

Client Sample ID: 56C_0-3
Prep Type: Total/NA

Analyte	Sample Result	Sample Qualifier	DU Result	DU Qualifier	Unit	D	RPD	RPD Limit
Percent Moisture	7.6		8.4		%		9	20
Percent Solids	92.4		91.6		%		0.8	20

Lab Sample ID: 460-336081-25 DU
Matrix: Solid
Analysis Batch: 1066070

Client Sample ID: 55B1_3-4
Prep Type: Total/NA

Analyte	Sample Result	Sample Qualifier	DU Result	DU Qualifier	Unit	D	RPD	RPD Limit
Percent Moisture	1.5		2.3		%		42	20
Percent Solids	98.5		97.7		%		0.8	20

Method: Moisture - Percent Moisture (Continued)

Lab Sample ID: 460-336081-45 DU
Matrix: Solid
Analysis Batch: 1066071

Client Sample ID: 56B3_3-4
Prep Type: Total/NA

Analyte	Sample Result	Sample Qualifier		DU Result	DU Qualifier	Unit	D			RPD	RPD Limit
Percent Moisture	1.0	U		3.5		%				NC	20
Percent Solids	99.3			96.5		%				3	20

GC/MS VOA

Prep Batch: 1065641

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
460-336081-15	55A1_0-1	Total/NA	Solid	5035	
460-336081-16	55A2_1-2	Total/NA	Solid	5035	
460-336081-17	55A3_2-3	Total/NA	Solid	5035	
460-336081-18	55A1_3-4	Total/NA	Solid	5035	
460-336081-19	55A2_4-5	Total/NA	Solid	5035	
460-336081-20	55A3_5-6	Total/NA	Solid	5035	
460-336081-21	55A3_4-5	Total/NA	Solid	5035	
460-336081-22	55B1_1-2	Total/NA	Solid	5035	
460-336081-23	55B2_2-3	Total/NA	Solid	5035	
460-336081-24	55B3_3-4	Total/NA	Solid	5035	
460-336081-25	55B1_3-4	Total/NA	Solid	5035	
460-336081-26	55B2_4-5	Total/NA	Solid	5035	
460-336081-27	55B3_4-5	Total/NA	Solid	5035	
460-336081-28	55B1_5-6	Total/NA	Solid	5035	
460-336081-29	55C1_1-2	Total/NA	Solid	5035	
460-336081-30	55C2_1-2	Total/NA	Solid	5035	
460-336081-31	55C3_2-3	Total/NA	Solid	5035	
460-336081-32	55C1_3-4	Total/NA	Solid	5035	
460-336081-33	55C2_3-4	Total/NA	Solid	5035	
460-336081-34	55C3_4-5	Total/NA	Solid	5035	
460-336081-35	55C1_5-6	Total/NA	Solid	5035	
460-336081-36	56A1_1-2	Total/NA	Solid	5035	
460-336081-37	56A2_2-3	Total/NA	Solid	5035	
460-336081-38	56A3_2-3	Total/NA	Solid	5035	

Prep Batch: 1065646

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
460-336081-39	56A1_3-4	Total/NA	Solid	5035	
460-336081-40	56A2_4-5	Total/NA	Solid	5035	
460-336081-41	56A3_4-5	Total/NA	Solid	5035	
460-336081-42	56A1_5-6	Total/NA	Solid	5035	
460-336081-43	56B1_1-2	Total/NA	Solid	5035	
460-336081-44	56B2_2-3	Total/NA	Solid	5035	
460-336081-45	56B3_3-4	Total/NA	Solid	5035	
460-336081-46	56B1_3-4	Total/NA	Solid	5035	
460-336081-47	56B2_4-5	Total/NA	Solid	5035	
460-336081-48	56B3_5-6	Total/NA	Solid	5035	
460-336081-49	56B1_5-6	Total/NA	Solid	5035	
460-336081-50	56C1_1-2	Total/NA	Solid	5035	
460-336081-51	56C2_2-3	Total/NA	Solid	5035	
460-336081-52	56C3_3-4	Total/NA	Solid	5035	
460-336081-53	56C1_3-4	Total/NA	Solid	5035	
460-336081-54	56C2_4-5	Total/NA	Solid	5035	
460-336081-55	56C3_5-6	Total/NA	Solid	5035	
460-336081-56	56C2_5-6	Total/NA	Solid	5035	
460-336081-57	56D1_1-2	Total/NA	Solid	5035	
460-336081-58	56D2_1-2	Total/NA	Solid	5035	
460-336081-59	56D3_2-3	Total/NA	Solid	5035	
460-336081-60	56D1_3-4	Total/NA	Solid	5035	
460-336081-61	56D2_4-5	Total/NA	Solid	5035	
460-336081-62	56D3_4-5	Total/NA	Solid	5035	

GC/MS VOA (Continued)

Prep Batch: 1065646 (Continued)

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
460-336081-63	56D1_5-6	Total/NA	Solid	5035	

Analysis Batch: 1065886

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
460-336081-15	55A1_0-1	Total/NA	Solid	8260D	1065641
460-336081-16	55A2_1-2	Total/NA	Solid	8260D	1065641
460-336081-17	55A3_2-3	Total/NA	Solid	8260D	1065641
460-336081-18	55A1_3-4	Total/NA	Solid	8260D	1065641
460-336081-19	55A2_4-5	Total/NA	Solid	8260D	1065641
460-336081-20	55A3_5-6	Total/NA	Solid	8260D	1065641
460-336081-21	55A3_4-5	Total/NA	Solid	8260D	1065641
460-336081-22	55B1_1-2	Total/NA	Solid	8260D	1065641
460-336081-23	55B2_2-3	Total/NA	Solid	8260D	1065641
460-336081-24	55B3_3-4	Total/NA	Solid	8260D	1065641
460-336081-25	55B1_3-4	Total/NA	Solid	8260D	1065641
460-336081-26	55B2_4-5	Total/NA	Solid	8260D	1065641
460-336081-27	55B3_4-5	Total/NA	Solid	8260D	1065641
460-336081-28	55B1_5-6	Total/NA	Solid	8260D	1065641
460-336081-29	55C1_1-2	Total/NA	Solid	8260D	1065641
460-336081-30	55C2_1-2	Total/NA	Solid	8260D	1065641
460-336081-31	55C3_2-3	Total/NA	Solid	8260D	1065641
460-336081-32	55C1_3-4	Total/NA	Solid	8260D	1065641
MB 460-1065886/8	Method Blank	Total/NA	Solid	8260D	
LCS 460-1065886/3	Lab Control Sample	Total/NA	Solid	8260D	
LCSD 460-1065886/4	Lab Control Sample Dup	Total/NA	Solid	8260D	

Analysis Batch: 1066000

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
460-336081-33	55C2_3-4	Total/NA	Solid	8260D	1065641
460-336081-34	55C3_4-5	Total/NA	Solid	8260D	1065641
460-336081-35	55C1_5-6	Total/NA	Solid	8260D	1065641
460-336081-36	56A1_1-2	Total/NA	Solid	8260D	1065641
460-336081-37	56A2_2-3	Total/NA	Solid	8260D	1065641
460-336081-38	56A3_2-3	Total/NA	Solid	8260D	1065641
460-336081-39	56A1_3-4	Total/NA	Solid	8260D	1065646
460-336081-40	56A2_4-5	Total/NA	Solid	8260D	1065646
460-336081-42	56A1_5-6	Total/NA	Solid	8260D	1065646
460-336081-43	56B1_1-2	Total/NA	Solid	8260D	1065646
460-336081-44	56B2_2-3	Total/NA	Solid	8260D	1065646
MB 460-1066000/7	Method Blank	Total/NA	Solid	8260D	
LCS 460-1066000/2	Lab Control Sample	Total/NA	Solid	8260D	
LCSD 460-1066000/3	Lab Control Sample Dup	Total/NA	Solid	8260D	

Analysis Batch: 1066018

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
460-336081-53	56C1_3-4	Total/NA	Solid	8260D	1065646
460-336081-54	56C2_4-5	Total/NA	Solid	8260D	1065646
460-336081-55	56C3_5-6	Total/NA	Solid	8260D	1065646
460-336081-56	56C2_5-6	Total/NA	Solid	8260D	1065646
460-336081-57	56D1_1-2	Total/NA	Solid	8260D	1065646
460-336081-58	56D2_1-2	Total/NA	Solid	8260D	1065646

GC/MS VOA (Continued)

Analysis Batch: 1066018 (Continued)

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
460-336081-59	56D3_2-3	Total/NA	Solid	8260D	1065646
460-336081-60	56D1_3-4	Total/NA	Solid	8260D	1065646
460-336081-61	56D2_4-5	Total/NA	Solid	8260D	1065646
460-336081-62	56D3_4-5	Total/NA	Solid	8260D	1065646
MB 460-1066018/8	Method Blank	Total/NA	Solid	8260D	
LCS 460-1066018/3	Lab Control Sample	Total/NA	Solid	8260D	
LCSD 460-1066018/4	Lab Control Sample Dup	Total/NA	Solid	8260D	

Analysis Batch: 1066136

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
460-336081-41	56A3_4-5	Total/NA	Solid	8260D	1065646
460-336081-45	56B3_3-4	Total/NA	Solid	8260D	1065646
460-336081-46	56B1_3-4	Total/NA	Solid	8260D	1065646
460-336081-47	56B2_4-5	Total/NA	Solid	8260D	1065646
460-336081-48	56B3_5-6	Total/NA	Solid	8260D	1065646
460-336081-49	56B1_5-6	Total/NA	Solid	8260D	1065646
460-336081-50	56C1_1-2	Total/NA	Solid	8260D	1065646
460-336081-51	56C2_2-3	Total/NA	Solid	8260D	1065646
460-336081-52	56C3_3-4	Total/NA	Solid	8260D	1065646
460-336081-63	56D1_5-6	Total/NA	Solid	8260D	1065646
MB 460-1066136/7	Method Blank	Total/NA	Solid	8260D	
LCS 460-1066136/2	Lab Control Sample	Total/NA	Solid	8260D	
LCSD 460-1066136/3	Lab Control Sample Dup	Total/NA	Solid	8260D	

GC/MS Semi VOA

Prep Batch: 1065203

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
460-336081-1	55A_0-3	Total/NA	Solid	3546	
460-336081-2	55A_3-6	Total/NA	Solid	3546	
460-336081-3	55B_0-3	Total/NA	Solid	3546	
460-336081-4	55B_3-6	Total/NA	Solid	3546	
460-336081-5	55C_0-3	Total/NA	Solid	3546	
460-336081-6	55C_3-6	Total/NA	Solid	3546	
460-336081-7	56A_0-3	Total/NA	Solid	3546	
460-336081-8	56A_3-6	Total/NA	Solid	3546	
460-336081-9	56B_0-3	Total/NA	Solid	3546	
460-336081-10	56B_3-6	Total/NA	Solid	3546	
460-336081-11	56C_0-3	Total/NA	Solid	3546	
460-336081-12	56C_3-6	Total/NA	Solid	3546	
460-336081-13	56D_0-3	Total/NA	Solid	3546	
460-336081-14	56D_3-6	Total/NA	Solid	3546	
MB 460-1065203/1-A	Method Blank	Total/NA	Solid	3546	
LCS 460-1065203/2-A	Lab Control Sample	Total/NA	Solid	3546	
LCSD 460-1065203/3-A	Lab Control Sample Dup	Total/NA	Solid	3546	
460-336081-1 MS	55A_0-3	Total/NA	Solid	3546	
460-336081-1 MSD	55A_0-3	Total/NA	Solid	3546	

Analysis Batch: 1065264

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
460-336081-1	55A_0-3	Total/NA	Solid	8270E	1065203

GC/MS Semi VOA (Continued)

Analysis Batch: 1065264 (Continued)

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
460-336081-2	55A_3-6	Total/NA	Solid	8270E	1065203
460-336081-3	55B_0-3	Total/NA	Solid	8270E	1065203
460-336081-4	55B_3-6	Total/NA	Solid	8270E	1065203
460-336081-5	55C_0-3	Total/NA	Solid	8270E	1065203
460-336081-6	55C_3-6	Total/NA	Solid	8270E	1065203
460-336081-7	56A_0-3	Total/NA	Solid	8270E	1065203
460-336081-8	56A_3-6	Total/NA	Solid	8270E	1065203
460-336081-9	56B_0-3	Total/NA	Solid	8270E	1065203
460-336081-10	56B_3-6	Total/NA	Solid	8270E	1065203
460-336081-11	56C_0-3	Total/NA	Solid	8270E	1065203
460-336081-12	56C_3-6	Total/NA	Solid	8270E	1065203
460-336081-13	56D_0-3	Total/NA	Solid	8270E	1065203
460-336081-14	56D_3-6	Total/NA	Solid	8270E	1065203
MB 460-1065203/1-A	Method Blank	Total/NA	Solid	8270E	1065203
LCS 460-1065203/2-A	Lab Control Sample	Total/NA	Solid	8270E	1065203
LCSD 460-1065203/3-A	Lab Control Sample Dup	Total/NA	Solid	8270E	1065203
460-336081-1 MS	55A_0-3	Total/NA	Solid	8270E	1065203
460-336081-1 MSD	55A_0-3	Total/NA	Solid	8270E	1065203

GC Semi VOA

Prep Batch: 1065147

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
460-336081-1	55A_0-3	Total/NA	Solid	3546	
460-336081-2	55A_3-6	Total/NA	Solid	3546	
460-336081-3	55B_0-3	Total/NA	Solid	3546	
460-336081-4	55B_3-6	Total/NA	Solid	3546	
460-336081-5	55C_0-3	Total/NA	Solid	3546	
460-336081-6	55C_3-6	Total/NA	Solid	3546	
460-336081-7	56A_0-3	Total/NA	Solid	3546	
460-336081-8	56A_3-6	Total/NA	Solid	3546	
460-336081-9	56B_0-3	Total/NA	Solid	3546	
460-336081-10	56B_3-6	Total/NA	Solid	3546	
460-336081-11	56C_0-3	Total/NA	Solid	3546	
460-336081-12	56C_3-6	Total/NA	Solid	3546	
460-336081-13	56D_0-3	Total/NA	Solid	3546	
460-336081-14	56D_3-6	Total/NA	Solid	3546	
MB 460-1065147/1-A	Method Blank	Total/NA	Solid	3546	
LCS 460-1065147/2-A	Lab Control Sample	Total/NA	Solid	3546	
LCSD 460-1065147/3-A	Lab Control Sample Dup	Total/NA	Solid	3546	

Prep Batch: 1065151

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
460-336081-1	55A_0-3	Total/NA	Solid	3546	
460-336081-2	55A_3-6	Total/NA	Solid	3546	
460-336081-3	55B_0-3	Total/NA	Solid	3546	
460-336081-4	55B_3-6	Total/NA	Solid	3546	
460-336081-5	55C_0-3	Total/NA	Solid	3546	
460-336081-6	55C_3-6	Total/NA	Solid	3546	
460-336081-7	56A_0-3	Total/NA	Solid	3546	
460-336081-8	56A_3-6	Total/NA	Solid	3546	

GC Semi VOA (Continued)

Prep Batch: 1065151 (Continued)

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
460-336081-9	56B_0-3	Total/NA	Solid	3546	
460-336081-10	56B_3-6	Total/NA	Solid	3546	
460-336081-11	56C_0-3	Total/NA	Solid	3546	
460-336081-12	56C_3-6	Total/NA	Solid	3546	
460-336081-13	56D_0-3	Total/NA	Solid	3546	
460-336081-14	56D_3-6	Total/NA	Solid	3546	
MB 460-1065151/1-A	Method Blank	Total/NA	Solid	3546	
LCS 460-1065151/2-A	Lab Control Sample	Total/NA	Solid	3546	
LCSD 460-1065151/3-A	Lab Control Sample Dup	Total/NA	Solid	3546	

Analysis Batch: 1065236

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
460-336081-1	55A_0-3	Total/NA	Solid	8081B	1065151
460-336081-2	55A_3-6	Total/NA	Solid	8081B	1065151
460-336081-3	55B_0-3	Total/NA	Solid	8081B	1065151
460-336081-4	55B_3-6	Total/NA	Solid	8081B	1065151
460-336081-5	55C_0-3	Total/NA	Solid	8081B	1065151
460-336081-6	55C_3-6	Total/NA	Solid	8081B	1065151
460-336081-7	56A_0-3	Total/NA	Solid	8081B	1065151
460-336081-8	56A_3-6	Total/NA	Solid	8081B	1065151
460-336081-9	56B_0-3	Total/NA	Solid	8081B	1065151
460-336081-10	56B_3-6	Total/NA	Solid	8081B	1065151
460-336081-11	56C_0-3	Total/NA	Solid	8081B	1065151
460-336081-12	56C_3-6	Total/NA	Solid	8081B	1065151
460-336081-13	56D_0-3	Total/NA	Solid	8081B	1065151
460-336081-14	56D_3-6	Total/NA	Solid	8081B	1065151
MB 460-1065151/1-A	Method Blank	Total/NA	Solid	8081B	1065151
LCS 460-1065151/2-A	Lab Control Sample	Total/NA	Solid	8081B	1065151
LCSD 460-1065151/3-A	Lab Control Sample Dup	Total/NA	Solid	8081B	1065151

Analysis Batch: 1065297

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
MB 460-1065147/1-A	Method Blank	Total/NA	Solid	8082A	1065147
LCS 460-1065147/2-A	Lab Control Sample	Total/NA	Solid	8082A	1065147
LCSD 460-1065147/3-A	Lab Control Sample Dup	Total/NA	Solid	8082A	1065147

Analysis Batch: 1065307

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
460-336081-1	55A_0-3	Total/NA	Solid	8082A	1065147
460-336081-2	55A_3-6	Total/NA	Solid	8082A	1065147
460-336081-3	55B_0-3	Total/NA	Solid	8082A	1065147
460-336081-4	55B_3-6	Total/NA	Solid	8082A	1065147
460-336081-5	55C_0-3	Total/NA	Solid	8082A	1065147
460-336081-6	55C_3-6	Total/NA	Solid	8082A	1065147
460-336081-7	56A_0-3	Total/NA	Solid	8082A	1065147
460-336081-8	56A_3-6	Total/NA	Solid	8082A	1065147
460-336081-9	56B_0-3	Total/NA	Solid	8082A	1065147
460-336081-10	56B_3-6	Total/NA	Solid	8082A	1065147

GC Semi VOA

Analysis Batch: 1065461

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
460-336081-11	56C_0-3	Total/NA	Solid	8082A	1065147
460-336081-12	56C_3-6	Total/NA	Solid	8082A	1065147
460-336081-13	56D_0-3	Total/NA	Solid	8082A	1065147
460-336081-14	56D_3-6	Total/NA	Solid	8082A	1065147

LCMS

Analysis Batch: 709341

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
460-336081-1	55A_0-3	Total/NA	Solid	1633A	709692
460-336081-2	55A_3-6	Total/NA	Solid	1633A	709692
460-336081-3	55B_0-3	Total/NA	Solid	1633A	709692
460-336081-4	55B_3-6	Total/NA	Solid	1633A	709692
460-336081-5	55C_0-3	Total/NA	Solid	1633A	709692
460-336081-6	55C_3-6	Total/NA	Solid	1633A	709692
460-336081-7	56A_0-3	Total/NA	Solid	1633A	709414
MB 410-709692/1-A	Method Blank	Total/NA	Solid	1633A	709692
LCS 410-709414/2-A	Lab Control Sample	Total/NA	Solid	1633A	709414
LCS 410-709692/2-A	Lab Control Sample	Total/NA	Solid	1633A	709692
LCSD 410-709414/3-A	Lab Control Sample Dup	Total/NA	Solid	1633A	709414
LCSD 410-709692/3-A	Lab Control Sample Dup	Total/NA	Solid	1633A	709692
LLCS 410-709692/4-A	Lab Control Sample	Total/NA	Solid	1633A	709692

Prep Batch: 709414

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
460-336081-7	56A_0-3	Total/NA	Solid	1633A Shake	
460-336081-8	56A_3-6	Total/NA	Solid	1633A Shake	
460-336081-9	56B_0-3	Total/NA	Solid	1633A Shake	
460-336081-10	56B_3-6	Total/NA	Solid	1633A Shake	
460-336081-11	56C_0-3	Total/NA	Solid	1633A Shake	
460-336081-12	56C_3-6	Total/NA	Solid	1633A Shake	
460-336081-13	56D_0-3	Total/NA	Solid	1633A Shake	
460-336081-14	56D_3-6	Total/NA	Solid	1633A Shake	
MB 410-709414/1-A	Method Blank	Total/NA	Solid	1633A Shake	
LCS 410-709414/2-A	Lab Control Sample	Total/NA	Solid	1633A Shake	
LCSD 410-709414/3-A	Lab Control Sample Dup	Total/NA	Solid	1633A Shake	
LLCS 410-709414/4-A	Lab Control Sample	Total/NA	Solid	1633A Shake	

Prep Batch: 709692

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
460-336081-1	55A_0-3	Total/NA	Solid	1633A Shake	
460-336081-2	55A_3-6	Total/NA	Solid	1633A Shake	
460-336081-3	55B_0-3	Total/NA	Solid	1633A Shake	
460-336081-4	55B_3-6	Total/NA	Solid	1633A Shake	
460-336081-5	55C_0-3	Total/NA	Solid	1633A Shake	
460-336081-6	55C_3-6	Total/NA	Solid	1633A Shake	
MB 410-709692/1-A	Method Blank	Total/NA	Solid	1633A Shake	
LCS 410-709692/2-A	Lab Control Sample	Total/NA	Solid	1633A Shake	
LCSD 410-709692/3-A	Lab Control Sample Dup	Total/NA	Solid	1633A Shake	
LLCS 410-709692/4-A	Lab Control Sample	Total/NA	Solid	1633A Shake	

LCMS

Analysis Batch: 709815

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
MB 410-709414/1-A	Method Blank	Total/NA	Solid	1633A	709414
LLCS 410-709414/4-A	Lab Control Sample	Total/NA	Solid	1633A	709414

Analysis Batch: 710419

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
460-336081-8	56A_3-6	Total/NA	Solid	1633A	709414
460-336081-9	56B_0-3	Total/NA	Solid	1633A	709414
460-336081-10	56B_3-6	Total/NA	Solid	1633A	709414
460-336081-11	56C_0-3	Total/NA	Solid	1633A	709414
460-336081-12	56C_3-6	Total/NA	Solid	1633A	709414
460-336081-13	56D_0-3	Total/NA	Solid	1633A	709414
460-336081-14	56D_3-6	Total/NA	Solid	1633A	709414

Metals

Prep Batch: 1066122

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
460-336081-1	55A_0-3	Total/NA	Solid	7471B	
460-336081-2	55A_3-6	Total/NA	Solid	7471B	
460-336081-3	55B_0-3	Total/NA	Solid	7471B	
460-336081-4	55B_3-6	Total/NA	Solid	7471B	
460-336081-5	55C_0-3	Total/NA	Solid	7471B	
460-336081-6	55C_3-6	Total/NA	Solid	7471B	
460-336081-7	56A_0-3	Total/NA	Solid	7471B	
460-336081-8	56A_3-6	Total/NA	Solid	7471B	
460-336081-9	56B_0-3	Total/NA	Solid	7471B	
460-336081-10	56B_3-6	Total/NA	Solid	7471B	
460-336081-11	56C_0-3	Total/NA	Solid	7471B	
460-336081-12	56C_3-6	Total/NA	Solid	7471B	
460-336081-13	56D_0-3	Total/NA	Solid	7471B	
460-336081-14	56D_3-6	Total/NA	Solid	7471B	
MB 460-1066122/1-A	Method Blank	Total/NA	Solid	7471B	
LCSSRM 460-1066122/2-A	Lab Control Sample	Total/NA	Solid	7471B	
460-336063-I-1-S MS	Matrix Spike	Total/NA	Solid	7471B	
460-336063-I-1-R DU	Duplicate	Total/NA	Solid	7471B	

Prep Batch: 1066173

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
460-336081-1	55A_0-3	Total/NA	Solid	3050B	
460-336081-2	55A_3-6	Total/NA	Solid	3050B	
460-336081-3	55B_0-3	Total/NA	Solid	3050B	
460-336081-4	55B_3-6	Total/NA	Solid	3050B	
460-336081-5	55C_0-3	Total/NA	Solid	3050B	
460-336081-6	55C_3-6	Total/NA	Solid	3050B	
460-336081-7	56A_0-3	Total/NA	Solid	3050B	
460-336081-8	56A_3-6	Total/NA	Solid	3050B	
460-336081-9	56B_0-3	Total/NA	Solid	3050B	
460-336081-10	56B_3-6	Total/NA	Solid	3050B	
460-336081-11	56C_0-3	Total/NA	Solid	3050B	
460-336081-12	56C_3-6	Total/NA	Solid	3050B	
460-336081-13	56D_0-3	Total/NA	Solid	3050B	

Metals (Continued)

Prep Batch: 1066173 (Continued)

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
460-336081-14	56D_3-6	Total/NA	Solid	3050B	
MB 460-1066173/1-A	Method Blank	Total/NA	Solid	3050B	
LCSSRM 460-1066173/2-A	Lab Control Sample	Total/NA	Solid	3050B	
460-336081-12 MS	56C_3-6	Total/NA	Solid	3050B	
460-336081-12 DU	56C_3-6	Total/NA	Solid	3050B	

Analysis Batch: 1066283

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
460-336081-1	55A_0-3	Total/NA	Solid	7471B	1066122
460-336081-2	55A_3-6	Total/NA	Solid	7471B	1066122
460-336081-3	55B_0-3	Total/NA	Solid	7471B	1066122
460-336081-4	55B_3-6	Total/NA	Solid	7471B	1066122
460-336081-5	55C_0-3	Total/NA	Solid	7471B	1066122
460-336081-6	55C_3-6	Total/NA	Solid	7471B	1066122
460-336081-7	56A_0-3	Total/NA	Solid	7471B	1066122
460-336081-8	56A_3-6	Total/NA	Solid	7471B	1066122
460-336081-9	56B_0-3	Total/NA	Solid	7471B	1066122
460-336081-10	56B_3-6	Total/NA	Solid	7471B	1066122
460-336081-11	56C_0-3	Total/NA	Solid	7471B	1066122
460-336081-12	56C_3-6	Total/NA	Solid	7471B	1066122
460-336081-13	56D_0-3	Total/NA	Solid	7471B	1066122
460-336081-14	56D_3-6	Total/NA	Solid	7471B	1066122
MB 460-1066122/1-A	Method Blank	Total/NA	Solid	7471B	1066122
LCSSRM 460-1066122/2-A	Lab Control Sample	Total/NA	Solid	7471B	1066122
460-336063-I-1-S MS	Matrix Spike	Total/NA	Solid	7471B	1066122
460-336063-I-1-R DU	Duplicate	Total/NA	Solid	7471B	1066122

Analysis Batch: 1066328

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
460-336081-1	55A_0-3	Total/NA	Solid	6020B	1066173
460-336081-2	55A_3-6	Total/NA	Solid	6020B	1066173
460-336081-3	55B_0-3	Total/NA	Solid	6020B	1066173
460-336081-4	55B_3-6	Total/NA	Solid	6020B	1066173
460-336081-5	55C_0-3	Total/NA	Solid	6020B	1066173
460-336081-6	55C_3-6	Total/NA	Solid	6020B	1066173
460-336081-7	56A_0-3	Total/NA	Solid	6020B	1066173
460-336081-8	56A_3-6	Total/NA	Solid	6020B	1066173
460-336081-9	56B_0-3	Total/NA	Solid	6020B	1066173
460-336081-10	56B_3-6	Total/NA	Solid	6020B	1066173
460-336081-11	56C_0-3	Total/NA	Solid	6020B	1066173
460-336081-12	56C_3-6	Total/NA	Solid	6020B	1066173
460-336081-13	56D_0-3	Total/NA	Solid	6020B	1066173
460-336081-14	56D_3-6	Total/NA	Solid	6020B	1066173
MB 460-1066173/1-A	Method Blank	Total/NA	Solid	6020B	1066173
460-336081-12 MS	56C_3-6	Total/NA	Solid	6020B	1066173
460-336081-12 DU	56C_3-6	Total/NA	Solid	6020B	1066173

Analysis Batch: 1066533

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
LCSSRM 460-1066173/2-A	Lab Control Sample	Total/NA	Solid	6020B	1066173

General Chemistry

Analysis Batch: 1066046

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
460-336081-1	55A_0-3	Total/NA	Solid	Moisture	
460-336081-2	55A_3-6	Total/NA	Solid	Moisture	
460-336081-3	55B_0-3	Total/NA	Solid	Moisture	
460-336081-4	55B_3-6	Total/NA	Solid	Moisture	
460-336081-5	55C_0-3	Total/NA	Solid	Moisture	
460-336081-6	55C_3-6	Total/NA	Solid	Moisture	
460-336081-7	56A_0-3	Total/NA	Solid	Moisture	
460-336081-8	56A_3-6	Total/NA	Solid	Moisture	
460-336081-9	56B_0-3	Total/NA	Solid	Moisture	
460-336081-10	56B_3-6	Total/NA	Solid	Moisture	
460-335807-D-8 DU	Duplicate	Total/NA	Solid	Moisture	

Analysis Batch: 1066047

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
460-336081-11	56C_0-3	Total/NA	Solid	Moisture	
460-336081-12	56C_3-6	Total/NA	Solid	Moisture	
460-336081-13	56D_0-3	Total/NA	Solid	Moisture	
460-336081-14	56D_3-6	Total/NA	Solid	Moisture	
460-336081-11 DU	56C_0-3	Total/NA	Solid	Moisture	

Analysis Batch: 1066070

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
460-336081-15	55A1_0-1	Total/NA	Solid	Moisture	
460-336081-16	55A2_1-2	Total/NA	Solid	Moisture	
460-336081-17	55A3_2-3	Total/NA	Solid	Moisture	
460-336081-18	55A1_3-4	Total/NA	Solid	Moisture	
460-336081-19	55A2_4-5	Total/NA	Solid	Moisture	
460-336081-20	55A3_5-6	Total/NA	Solid	Moisture	
460-336081-21	55A3_4-5	Total/NA	Solid	Moisture	
460-336081-22	55B1_1-2	Total/NA	Solid	Moisture	
460-336081-23	55B2_2-3	Total/NA	Solid	Moisture	
460-336081-24	55B3_3-4	Total/NA	Solid	Moisture	
460-336081-25	55B1_3-4	Total/NA	Solid	Moisture	
460-336081-26	55B2_4-5	Total/NA	Solid	Moisture	
460-336081-27	55B3_4-5	Total/NA	Solid	Moisture	
460-336081-28	55B1_5-6	Total/NA	Solid	Moisture	
460-336081-29	55C1_1-2	Total/NA	Solid	Moisture	
460-336081-30	55C2_1-2	Total/NA	Solid	Moisture	
460-336081-31	55C3_2-3	Total/NA	Solid	Moisture	
460-336081-32	55C1_3-4	Total/NA	Solid	Moisture	
460-336081-33	55C2_3-4	Total/NA	Solid	Moisture	
460-336081-34	55C3_4-5	Total/NA	Solid	Moisture	
460-336081-35	55C1_5-6	Total/NA	Solid	Moisture	
460-336081-36	56A1_1-2	Total/NA	Solid	Moisture	
460-336081-37	56A2_2-3	Total/NA	Solid	Moisture	
460-336081-38	56A3_2-3	Total/NA	Solid	Moisture	
460-336081-39	56A1_3-4	Total/NA	Solid	Moisture	
460-336081-40	56A2_4-5	Total/NA	Solid	Moisture	
460-336081-41	56A3_4-5	Total/NA	Solid	Moisture	
460-336081-42	56A1_5-6	Total/NA	Solid	Moisture	
460-336081-43	56B1_1-2	Total/NA	Solid	Moisture	

General Chemistry (Continued)

Analysis Batch: 1066070 (Continued)

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
460-336081-44	56B2_2-3	Total/NA	Solid	Moisture	
460-336081-25 DU	55B1_3-4	Total/NA	Solid	Moisture	

Analysis Batch: 1066071

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
460-336081-45	56B3_3-4	Total/NA	Solid	Moisture	
460-336081-46	56B1_3-4	Total/NA	Solid	Moisture	
460-336081-47	56B2_4-5	Total/NA	Solid	Moisture	
460-336081-48	56B3_5-6	Total/NA	Solid	Moisture	
460-336081-49	56B1_5-6	Total/NA	Solid	Moisture	
460-336081-50	56C1_1-2	Total/NA	Solid	Moisture	
460-336081-51	56C2_2-3	Total/NA	Solid	Moisture	
460-336081-52	56C3_3-4	Total/NA	Solid	Moisture	
460-336081-53	56C1_3-4	Total/NA	Solid	Moisture	
460-336081-54	56C2_4-5	Total/NA	Solid	Moisture	
460-336081-55	56C3_5-6	Total/NA	Solid	Moisture	
460-336081-56	56C2_5-6	Total/NA	Solid	Moisture	
460-336081-57	56D1_1-2	Total/NA	Solid	Moisture	
460-336081-58	56D2_1-2	Total/NA	Solid	Moisture	
460-336081-59	56D3_2-3	Total/NA	Solid	Moisture	
460-336081-60	56D1_3-4	Total/NA	Solid	Moisture	
460-336081-61	56D2_4-5	Total/NA	Solid	Moisture	
460-336081-62	56D3_4-5	Total/NA	Solid	Moisture	
460-336081-63	56D1_5-6	Total/NA	Solid	Moisture	
460-336081-45 DU	56B3_3-4	Total/NA	Solid	Moisture	

Lab Chronicle

Client: Haley & Aldrich, Inc.
Project/Site: Former Port Mobil

Job ID: 460-336081-1

Client Sample ID: 55A_0-3
Date Collected: 09/30/25 09:45
Date Received: 09/30/25 16:15

Lab Sample ID: 460-336081-1
Matrix: Solid

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Analysis	Moisture		1	1066046	CJC	EET EDI	10/05/25 11:23

Client Sample ID: 55A_0-3
Date Collected: 09/30/25 09:45
Date Received: 09/30/25 16:15

Lab Sample ID: 460-336081-1
Matrix: Solid
Percent Solids: 89.6

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Prep	3546			1065203	GXY	EET EDI	10/01/25 20:32
Total/NA	Analysis	8270E		1	1065264	DXD	EET EDI	10/02/25 08:02
Total/NA	Prep	3546			1065151	ARA	EET EDI	10/01/25 16:50
Total/NA	Analysis	8081B		1	1065236	FAM	EET EDI	10/02/25 07:11
Total/NA	Prep	3546			1065147	ARA	EET EDI	10/01/25 16:38
Total/NA	Analysis	8082A		1	1065307	AAA	EET EDI	10/02/25 15:48
Total/NA	Prep	1633A Shake			709692	D5RZ	ELLE	10/06/25 14:09
Total/NA	Analysis	1633A		1	709341	DX7G	ELLE	10/06/25 23:20
Total/NA	Prep	3050B			1066173	FBT	EET EDI	10/06/25 07:14
Total/NA	Analysis	6020B		1	1066328	CDC	EET EDI	10/06/25 18:40
Total/NA	Prep	7471B			1066122	TJS	EET EDI	10/06/25 02:16
Total/NA	Analysis	7471B		1	1066283	TJS	EET EDI	10/06/25 12:03

Client Sample ID: 55A_3-6
Date Collected: 09/30/25 09:50
Date Received: 09/30/25 16:15

Lab Sample ID: 460-336081-2
Matrix: Solid

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Analysis	Moisture		1	1066046	CJC	EET EDI	10/05/25 11:23

Client Sample ID: 55A_3-6
Date Collected: 09/30/25 09:50
Date Received: 09/30/25 16:15

Lab Sample ID: 460-336081-2
Matrix: Solid
Percent Solids: 91.2

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Prep	3546			1065203	GXY	EET EDI	10/01/25 20:32
Total/NA	Analysis	8270E		1	1065264	DXD	EET EDI	10/02/25 09:09
Total/NA	Prep	3546			1065151	ARA	EET EDI	10/01/25 16:50
Total/NA	Analysis	8081B		1	1065236	FAM	EET EDI	10/02/25 07:24
Total/NA	Prep	3546			1065147	ARA	EET EDI	10/01/25 16:38
Total/NA	Analysis	8082A		1	1065307	AAA	EET EDI	10/02/25 16:05
Total/NA	Prep	1633A Shake			709692	D5RZ	ELLE	10/06/25 14:09
Total/NA	Analysis	1633A		1	709341	DX7G	ELLE	10/06/25 23:33
Total/NA	Prep	3050B			1066173	FBT	EET EDI	10/06/25 07:14
Total/NA	Analysis	6020B		1	1066328	CDC	EET EDI	10/06/25 18:43
Total/NA	Prep	7471B			1066122	TJS	EET EDI	10/06/25 02:16
Total/NA	Analysis	7471B		1	1066283	TJS	EET EDI	10/06/25 12:06

Lab Chronicle

Client: Haley & Aldrich, Inc.
Project/Site: Former Port Mobil

Job ID: 460-336081-1

Client Sample ID: 55B_0-3
Date Collected: 09/30/25 09:55
Date Received: 09/30/25 16:15

Lab Sample ID: 460-336081-3
Matrix: Solid

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Analysis	Moisture		1	1066046	CJC	EET EDI	10/05/25 11:23

Client Sample ID: 55B_0-3
Date Collected: 09/30/25 09:55
Date Received: 09/30/25 16:15

Lab Sample ID: 460-336081-3
Matrix: Solid
Percent Solids: 95.6

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Prep	3546			1065203	GXY	EET EDI	10/01/25 20:32
Total/NA	Analysis	8270E		1	1065264	DXD	EET EDI	10/02/25 09:31
Total/NA	Prep	3546			1065151	ARA	EET EDI	10/01/25 16:50
Total/NA	Analysis	8081B		1	1065236	FAM	EET EDI	10/02/25 07:36
Total/NA	Prep	3546			1065147	ARA	EET EDI	10/01/25 16:38
Total/NA	Analysis	8082A		1	1065307	AAA	EET EDI	10/02/25 16:22
Total/NA	Prep	1633A Shake			709692	D5RZ	ELLE	10/06/25 14:09
Total/NA	Analysis	1633A		1	709341	DX7G	ELLE	10/06/25 23:47
Total/NA	Prep	3050B			1066173	FBT	EET EDI	10/06/25 07:14
Total/NA	Analysis	6020B		1	1066328	CDC	EET EDI	10/06/25 18:46
Total/NA	Prep	7471B			1066122	TJS	EET EDI	10/06/25 02:16
Total/NA	Analysis	7471B		1	1066283	TJS	EET EDI	10/06/25 12:09

Client Sample ID: 55B_3-6
Date Collected: 09/30/25 10:00
Date Received: 09/30/25 16:15

Lab Sample ID: 460-336081-4
Matrix: Solid

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Analysis	Moisture		1	1066046	CJC	EET EDI	10/05/25 11:23

Client Sample ID: 55B_3-6
Date Collected: 09/30/25 10:00
Date Received: 09/30/25 16:15

Lab Sample ID: 460-336081-4
Matrix: Solid
Percent Solids: 93.1

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Prep	3546			1065203	GXY	EET EDI	10/01/25 20:32
Total/NA	Analysis	8270E		1	1065264	DXD	EET EDI	10/02/25 09:54
Total/NA	Prep	3546			1065151	ARA	EET EDI	10/01/25 16:50
Total/NA	Analysis	8081B		1	1065236	FAM	EET EDI	10/02/25 07:48
Total/NA	Prep	3546			1065147	ARA	EET EDI	10/01/25 16:38
Total/NA	Analysis	8082A		1	1065307	AAA	EET EDI	10/02/25 16:38
Total/NA	Prep	1633A Shake			709692	D5RZ	ELLE	10/06/25 14:09
Total/NA	Analysis	1633A		1	709341	DX7G	ELLE	10/07/25 00:01
Total/NA	Prep	3050B			1066173	FBT	EET EDI	10/06/25 07:14
Total/NA	Analysis	6020B		1	1066328	CDC	EET EDI	10/06/25 18:54
Total/NA	Prep	7471B			1066122	TJS	EET EDI	10/06/25 02:16
Total/NA	Analysis	7471B		1	1066283	TJS	EET EDI	10/06/25 12:18

Lab Chronicle

Client: Haley & Aldrich, Inc.
Project/Site: Former Port Mobil

Job ID: 460-336081-1

Client Sample ID: 55C_0-3
Date Collected: 09/30/25 10:05
Date Received: 09/30/25 16:15

Lab Sample ID: 460-336081-5
Matrix: Solid

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Analysis	Moisture		1	1066046	CJC	EET EDI	10/05/25 11:23

Client Sample ID: 55C_0-3
Date Collected: 09/30/25 10:05
Date Received: 09/30/25 16:15

Lab Sample ID: 460-336081-5
Matrix: Solid
Percent Solids: 95.4

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Prep	3546			1065203	GXY	EET EDI	10/01/25 20:32
Total/NA	Analysis	8270E		1	1065264	DXD	EET EDI	10/02/25 10:16
Total/NA	Prep	3546			1065151	ARA	EET EDI	10/01/25 16:50
Total/NA	Analysis	8081B		1	1065236	FAM	EET EDI	10/02/25 08:00
Total/NA	Prep	3546			1065147	ARA	EET EDI	10/01/25 16:38
Total/NA	Analysis	8082A		1	1065307	AAA	EET EDI	10/02/25 16:55
Total/NA	Prep	1633A Shake			709692	D5RZ	ELLE	10/06/25 14:09
Total/NA	Analysis	1633A		1	709341	DX7G	ELLE	10/07/25 00:14
Total/NA	Prep	3050B			1066173	FBT	EET EDI	10/06/25 07:14
Total/NA	Analysis	6020B		1	1066328	CDC	EET EDI	10/06/25 18:57
Total/NA	Prep	7471B			1066122	TJS	EET EDI	10/06/25 02:16
Total/NA	Analysis	7471B		1	1066283	TJS	EET EDI	10/06/25 12:21

Client Sample ID: 55C_3-6
Date Collected: 09/30/25 10:10
Date Received: 09/30/25 16:15

Lab Sample ID: 460-336081-6
Matrix: Solid

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Analysis	Moisture		1	1066046	CJC	EET EDI	10/05/25 11:23

Client Sample ID: 55C_3-6
Date Collected: 09/30/25 10:10
Date Received: 09/30/25 16:15

Lab Sample ID: 460-336081-6
Matrix: Solid
Percent Solids: 91.8

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Prep	3546			1065203	GXY	EET EDI	10/01/25 20:32
Total/NA	Analysis	8270E		1	1065264	DXD	EET EDI	10/02/25 10:38
Total/NA	Prep	3546			1065151	ARA	EET EDI	10/01/25 16:50
Total/NA	Analysis	8081B		1	1065236	FAM	EET EDI	10/02/25 08:13
Total/NA	Prep	3546			1065147	ARA	EET EDI	10/01/25 16:38
Total/NA	Analysis	8082A		1	1065307	AAA	EET EDI	10/02/25 17:12
Total/NA	Prep	1633A Shake			709692	D5RZ	ELLE	10/06/25 14:09
Total/NA	Analysis	1633A		1	709341	DX7G	ELLE	10/07/25 00:28
Total/NA	Prep	3050B			1066173	FBT	EET EDI	10/06/25 07:14
Total/NA	Analysis	6020B		1	1066328	CDC	EET EDI	10/06/25 19:00
Total/NA	Prep	7471B			1066122	TJS	EET EDI	10/06/25 02:16
Total/NA	Analysis	7471B		1	1066283	TJS	EET EDI	10/06/25 12:24

Client Sample ID: 56A_0-3
Date Collected: 09/30/25 12:35
Date Received: 09/30/25 16:15

Lab Sample ID: 460-336081-7
Matrix: Solid

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Analysis	Moisture		1	1066046	CJC	EET EDI	10/05/25 11:23

Client Sample ID: 56A_0-3
Date Collected: 09/30/25 12:35
Date Received: 09/30/25 16:15

Lab Sample ID: 460-336081-7
Matrix: Solid
Percent Solids: 90.6

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Prep	3546			1065203	GXY	EET EDI	10/01/25 20:32
Total/NA	Analysis	8270E		1	1065264	DXD	EET EDI	10/02/25 11:01
Total/NA	Prep	3546			1065151	ARA	EET EDI	10/01/25 16:50
Total/NA	Analysis	8081B		1	1065236	FAM	EET EDI	10/02/25 08:25
Total/NA	Prep	3546			1065147	ARA	EET EDI	10/01/25 16:38
Total/NA	Analysis	8082A		1	1065307	AAA	EET EDI	10/02/25 17:29
Total/NA	Prep	1633A Shake			709414	RC3V	ELLE	10/06/25 07:17
Total/NA	Analysis	1633A		1	709341	DX7G	ELLE	10/07/25 14:32
Total/NA	Prep	3050B			1066173	FBT	EET EDI	10/06/25 07:14
Total/NA	Analysis	6020B		1	1066328	CDC	EET EDI	10/06/25 19:02
Total/NA	Prep	7471B			1066122	TJS	EET EDI	10/06/25 02:16
Total/NA	Analysis	7471B		1	1066283	TJS	EET EDI	10/06/25 12:26

Client Sample ID: 56A_3-6
Date Collected: 09/30/25 12:40
Date Received: 09/30/25 16:15

Lab Sample ID: 460-336081-8
Matrix: Solid

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Analysis	Moisture		1	1066046	CJC	EET EDI	10/05/25 11:23

Client Sample ID: 56A_3-6
Date Collected: 09/30/25 12:40
Date Received: 09/30/25 16:15

Lab Sample ID: 460-336081-8
Matrix: Solid
Percent Solids: 92.4

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Prep	3546			1065203	GXY	EET EDI	10/01/25 20:32
Total/NA	Analysis	8270E		1	1065264	DXD	EET EDI	10/02/25 11:23
Total/NA	Prep	3546			1065151	ARA	EET EDI	10/01/25 16:50
Total/NA	Analysis	8081B		1	1065236	FAM	EET EDI	10/02/25 08:37
Total/NA	Prep	3546			1065147	ARA	EET EDI	10/01/25 16:38
Total/NA	Analysis	8082A		1	1065307	AAA	EET EDI	10/02/25 17:45
Total/NA	Prep	1633A Shake			709414	RC3V	ELLE	10/06/25 07:17
Total/NA	Analysis	1633A		1	710419	RPU6	ELLE	10/07/25 17:55
Total/NA	Prep	3050B			1066173	FBT	EET EDI	10/06/25 07:14
Total/NA	Analysis	6020B		1	1066328	CDC	EET EDI	10/06/25 19:05
Total/NA	Prep	7471B			1066122	TJS	EET EDI	10/06/25 02:16
Total/NA	Analysis	7471B		1	1066283	TJS	EET EDI	10/06/25 12:29

Client Sample ID: 56B_0-3
Date Collected: 09/30/25 12:45
Date Received: 09/30/25 16:15

Lab Sample ID: 460-336081-9
Matrix: Solid

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Analysis	Moisture		1	1066046	CJC	EET EDI	10/05/25 11:23

Client Sample ID: 56B_0-3
Date Collected: 09/30/25 12:45
Date Received: 09/30/25 16:15

Lab Sample ID: 460-336081-9
Matrix: Solid
Percent Solids: 89.4

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Prep	3546			1065203	GXY	EET EDI	10/01/25 20:32
Total/NA	Analysis	8270E		1	1065264	DXD	EET EDI	10/02/25 11:45
Total/NA	Prep	3546			1065151	ARA	EET EDI	10/01/25 16:50
Total/NA	Analysis	8081B		1	1065236	FAM	EET EDI	10/02/25 08:50
Total/NA	Prep	3546			1065147	ARA	EET EDI	10/01/25 16:38
Total/NA	Analysis	8082A		1	1065307	AAA	EET EDI	10/02/25 18:02
Total/NA	Prep	1633A Shake			709414	RC3V	ELLE	10/06/25 07:17
Total/NA	Analysis	1633A		1	710419	RPU6	ELLE	10/07/25 18:09
Total/NA	Prep	3050B			1066173	FBT	EET EDI	10/06/25 07:14
Total/NA	Analysis	6020B		1	1066328	CDC	EET EDI	10/06/25 19:08
Total/NA	Prep	7471B			1066122	TJS	EET EDI	10/06/25 02:16
Total/NA	Analysis	7471B		1	1066283	TJS	EET EDI	10/06/25 12:32

Client Sample ID: 56B_3-6
Date Collected: 09/30/25 12:50
Date Received: 09/30/25 16:15

Lab Sample ID: 460-336081-10
Matrix: Solid

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Analysis	Moisture		1	1066046	CJC	EET EDI	10/05/25 11:23

Client Sample ID: 56B_3-6
Date Collected: 09/30/25 12:50
Date Received: 09/30/25 16:15

Lab Sample ID: 460-336081-10
Matrix: Solid
Percent Solids: 95.7

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Prep	3546			1065203	GXY	EET EDI	10/01/25 20:32
Total/NA	Analysis	8270E		1	1065264	DXD	EET EDI	10/02/25 12:08
Total/NA	Prep	3546			1065151	ARA	EET EDI	10/01/25 16:50
Total/NA	Analysis	8081B		1	1065236	FAM	EET EDI	10/02/25 09:02
Total/NA	Prep	3546			1065147	ARA	EET EDI	10/01/25 16:38
Total/NA	Analysis	8082A		1	1065307	AAA	EET EDI	10/02/25 18:19
Total/NA	Prep	1633A Shake			709414	RC3V	ELLE	10/06/25 07:17
Total/NA	Analysis	1633A		1	710419	RPU6	ELLE	10/07/25 18:23
Total/NA	Prep	3050B			1066173	FBT	EET EDI	10/06/25 07:14
Total/NA	Analysis	6020B		1	1066328	CDC	EET EDI	10/06/25 19:11
Total/NA	Prep	7471B			1066122	TJS	EET EDI	10/06/25 02:16
Total/NA	Analysis	7471B		1	1066283	TJS	EET EDI	10/06/25 12:35

Lab Chronicle

Client: Haley & Aldrich, Inc.
Project/Site: Former Port Mobil

Job ID: 460-336081-1

Client Sample ID: 56C_0-3
Date Collected: 09/30/25 12:55
Date Received: 09/30/25 16:15

Lab Sample ID: 460-336081-11
Matrix: Solid

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Analysis	Moisture		1	1066047	CJC	EET EDI	10/05/25 11:24

Client Sample ID: 56C_0-3
Date Collected: 09/30/25 12:55
Date Received: 09/30/25 16:15

Lab Sample ID: 460-336081-11
Matrix: Solid
Percent Solids: 92.4

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Prep	3546			1065203	GXY	EET EDI	10/01/25 20:32
Total/NA	Analysis	8270E		1	1065264	DXD	EET EDI	10/02/25 12:30
Total/NA	Prep	3546			1065151	ARA	EET EDI	10/01/25 16:50
Total/NA	Analysis	8081B		1	1065236	FAM	EET EDI	10/02/25 09:14
Total/NA	Prep	3546			1065147	ARA	EET EDI	10/01/25 16:38
Total/NA	Analysis	8082A		1	1065461	MJS	EET EDI	10/02/25 20:21
Total/NA	Prep	1633A Shake			709414	RC3V	ELLE	10/06/25 07:17
Total/NA	Analysis	1633A		1	710419	RPU6	ELLE	10/07/25 18:36
Total/NA	Prep	3050B			1066173	FBT	EET EDI	10/06/25 07:14
Total/NA	Analysis	6020B		1	1066328	CDC	EET EDI	10/06/25 19:13
Total/NA	Prep	7471B			1066122	TJS	EET EDI	10/06/25 02:16
Total/NA	Analysis	7471B		1	1066283	TJS	EET EDI	10/06/25 12:38

Client Sample ID: 56C_3-6
Date Collected: 09/30/25 13:00
Date Received: 09/30/25 16:15

Lab Sample ID: 460-336081-12
Matrix: Solid

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Analysis	Moisture		1	1066047	CJC	EET EDI	10/05/25 11:24

Client Sample ID: 56C_3-6
Date Collected: 09/30/25 13:00
Date Received: 09/30/25 16:15

Lab Sample ID: 460-336081-12
Matrix: Solid
Percent Solids: 93.8

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Prep	3546			1065203	GXY	EET EDI	10/01/25 20:32
Total/NA	Analysis	8270E		1	1065264	DXD	EET EDI	10/02/25 12:53
Total/NA	Prep	3546			1065151	ARA	EET EDI	10/01/25 16:50
Total/NA	Analysis	8081B		1	1065236	FAM	EET EDI	10/02/25 09:27
Total/NA	Prep	3546			1065147	ARA	EET EDI	10/01/25 16:38
Total/NA	Analysis	8082A		1	1065461	MJS	EET EDI	10/02/25 20:38
Total/NA	Prep	1633A Shake			709414	RC3V	ELLE	10/06/25 07:17
Total/NA	Analysis	1633A		1	710419	RPU6	ELLE	10/07/25 18:50
Total/NA	Prep	3050B			1066173	FBT	EET EDI	10/06/25 07:14
Total/NA	Analysis	6020B		1	1066328	CDC	EET EDI	10/06/25 18:35
Total/NA	Prep	7471B			1066122	TJS	EET EDI	10/06/25 02:16
Total/NA	Analysis	7471B		1	1066283	TJS	EET EDI	10/06/25 12:41

Client Sample ID: 56D_0-3
Date Collected: 09/30/25 13:05
Date Received: 09/30/25 16:15

Lab Sample ID: 460-336081-13
Matrix: Solid

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Analysis	Moisture		1	1066047	CJC	EET EDI	10/05/25 11:24

Client Sample ID: 56D_0-3
Date Collected: 09/30/25 13:05
Date Received: 09/30/25 16:15

Lab Sample ID: 460-336081-13
Matrix: Solid
Percent Solids: 95.0

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Prep	3546			1065203	GXY	EET EDI	10/01/25 20:32
Total/NA	Analysis	8270E		1	1065264	DXD	EET EDI	10/02/25 13:15
Total/NA	Prep	3546			1065151	ARA	EET EDI	10/01/25 16:50
Total/NA	Analysis	8081B		1	1065236	FAM	EET EDI	10/02/25 09:39
Total/NA	Prep	3546			1065147	ARA	EET EDI	10/01/25 16:38
Total/NA	Analysis	8082A		1	1065461	MJS	EET EDI	10/02/25 20:55
Total/NA	Prep	1633A Shake			709414	RC3V	ELLE	10/06/25 07:17
Total/NA	Analysis	1633A		1	710419	RPU6	ELLE	10/07/25 19:03
Total/NA	Prep	3050B			1066173	FBT	EET EDI	10/06/25 07:14
Total/NA	Analysis	6020B		1	1066328	CDC	EET EDI	10/06/25 19:16
Total/NA	Prep	7471B			1066122	TJS	EET EDI	10/06/25 02:16
Total/NA	Analysis	7471B		1	1066283	TJS	EET EDI	10/06/25 12:44

Client Sample ID: 56D_3-6
Date Collected: 09/30/25 13:10
Date Received: 09/30/25 16:15

Lab Sample ID: 460-336081-14
Matrix: Solid

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Analysis	Moisture		1	1066047	CJC	EET EDI	10/05/25 11:24

Client Sample ID: 56D_3-6
Date Collected: 09/30/25 13:10
Date Received: 09/30/25 16:15

Lab Sample ID: 460-336081-14
Matrix: Solid
Percent Solids: 94.0

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Prep	3546			1065203	GXY	EET EDI	10/01/25 20:32
Total/NA	Analysis	8270E		1	1065264	DXD	EET EDI	10/02/25 13:37
Total/NA	Prep	3546			1065151	ARA	EET EDI	10/01/25 16:50
Total/NA	Analysis	8081B		1	1065236	FAM	EET EDI	10/02/25 09:51
Total/NA	Prep	3546			1065147	ARA	EET EDI	10/01/25 16:38
Total/NA	Analysis	8082A		1	1065461	MJS	EET EDI	10/02/25 21:11
Total/NA	Prep	1633A Shake			709414	RC3V	ELLE	10/06/25 07:17
Total/NA	Analysis	1633A		1	710419	RPU6	ELLE	10/07/25 19:17
Total/NA	Prep	3050B			1066173	FBT	EET EDI	10/06/25 07:14
Total/NA	Analysis	6020B		1	1066328	CDC	EET EDI	10/06/25 19:19
Total/NA	Prep	7471B			1066122	TJS	EET EDI	10/06/25 02:16
Total/NA	Analysis	7471B		1	1066283	TJS	EET EDI	10/06/25 12:52

Lab Chronicle

Client: Haley & Aldrich, Inc.
Project/Site: Former Port Mobil

Job ID: 460-336081-1

Client Sample ID: 55A1_0-1
Date Collected: 09/30/25 08:00
Date Received: 09/30/25 16:15

Lab Sample ID: 460-336081-15
Matrix: Solid

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Analysis	Moisture		1	1066070	CJC	EET EDI	10/05/25 13:43

Client Sample ID: 55A1_0-1
Date Collected: 09/30/25 08:00
Date Received: 09/30/25 16:15

Lab Sample ID: 460-336081-15
Matrix: Solid
Percent Solids: 96.8

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Prep	5035			1065641	JCZ	EET EDI	10/03/25 10:12
Total/NA	Analysis	8260D		1	1065886	AAT	EET EDI	10/04/25 20:22

Client Sample ID: 55A2_1-2
Date Collected: 09/30/25 08:05
Date Received: 09/30/25 16:15

Lab Sample ID: 460-336081-16
Matrix: Solid

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Analysis	Moisture		1	1066070	CJC	EET EDI	10/05/25 13:43

Client Sample ID: 55A2_1-2
Date Collected: 09/30/25 08:05
Date Received: 09/30/25 16:15

Lab Sample ID: 460-336081-16
Matrix: Solid
Percent Solids: 97.1

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Prep	5035			1065641	JCZ	EET EDI	10/03/25 10:12
Total/NA	Analysis	8260D		1	1065886	AAT	EET EDI	10/04/25 20:46

Client Sample ID: 55A3_2-3
Date Collected: 09/30/25 08:10
Date Received: 09/30/25 16:15

Lab Sample ID: 460-336081-17
Matrix: Solid

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Analysis	Moisture		1	1066070	CJC	EET EDI	10/05/25 13:43

Client Sample ID: 55A3_2-3
Date Collected: 09/30/25 08:10
Date Received: 09/30/25 16:15

Lab Sample ID: 460-336081-17
Matrix: Solid
Percent Solids: 93.4

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Prep	5035			1065641	JCZ	EET EDI	10/03/25 10:12
Total/NA	Analysis	8260D		1	1065886	AAT	EET EDI	10/04/25 21:10

Client Sample ID: 55A1_3-4
Date Collected: 09/30/25 08:15
Date Received: 09/30/25 16:15

Lab Sample ID: 460-336081-18
Matrix: Solid

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Analysis	Moisture		1	1066070	CJC	EET EDI	10/05/25 13:43

Lab Chronicle

Client: Haley & Aldrich, Inc.
Project/Site: Former Port Mobil

Job ID: 460-336081-1

Client Sample ID: 55A1_3-4

Lab Sample ID: 460-336081-18
Date Collected: 09/30/25 08:15
Matrix: Solid
Date Received: 09/30/25 16:15
Percent Solids: 95.6

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Prep	5035			1065641	JCZ	EET EDI	10/03/25 10:13
Total/NA	Analysis	8260D		1	1065886	AAT	EET EDI	10/04/25 21:33

Client Sample ID: 55A2_4-5

Lab Sample ID: 460-336081-19
Date Collected: 09/30/25 08:20
Matrix: Solid
Date Received: 09/30/25 16:15

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Analysis	Moisture		1	1066070	CJC	EET EDI	10/05/25 13:43

Client Sample ID: 55A2_4-5

Lab Sample ID: 460-336081-19
Date Collected: 09/30/25 08:20
Matrix: Solid
Date Received: 09/30/25 16:15
Percent Solids: 97.8

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Prep	5035			1065641	JCZ	EET EDI	10/03/25 10:13
Total/NA	Analysis	8260D		1	1065886	AAT	EET EDI	10/04/25 21:57

Client Sample ID: 55A3_5-6

Lab Sample ID: 460-336081-20
Date Collected: 09/30/25 08:25
Matrix: Solid
Date Received: 09/30/25 16:15

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Analysis	Moisture		1	1066070	CJC	EET EDI	10/05/25 13:43

Client Sample ID: 55A3_5-6

Lab Sample ID: 460-336081-20
Date Collected: 09/30/25 08:25
Matrix: Solid
Date Received: 09/30/25 16:15
Percent Solids: 96.8

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Prep	5035			1065641	JCZ	EET EDI	10/03/25 10:13
Total/NA	Analysis	8260D		1	1065886	AAT	EET EDI	10/04/25 22:21

Client Sample ID: 55A3_4-5

Lab Sample ID: 460-336081-21
Date Collected: 09/30/25 08:30
Matrix: Solid
Date Received: 09/30/25 16:15

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Analysis	Moisture		1	1066070	CJC	EET EDI	10/05/25 13:43

Lab Chronicle

Client: Haley & Aldrich, Inc.
Project/Site: Former Port Mobil

Job ID: 460-336081-1

Client Sample ID: 55A3_4-5
Date Collected: 09/30/25 08:30
Date Received: 09/30/25 16:15

Lab Sample ID: 460-336081-21
Matrix: Solid
Percent Solids: 95.6

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Prep	5035			1065641	JCZ	EET EDI	10/03/25 10:14
Total/NA	Analysis	8260D		1	1065886	AAT	EET EDI	10/04/25 22:45

Client Sample ID: 55B1_1-2
Date Collected: 09/30/25 08:35
Date Received: 09/30/25 16:15

Lab Sample ID: 460-336081-22
Matrix: Solid

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Analysis	Moisture		1	1066070	CJC	EET EDI	10/05/25 13:43

Client Sample ID: 55B1_1-2
Date Collected: 09/30/25 08:35
Date Received: 09/30/25 16:15

Lab Sample ID: 460-336081-22
Matrix: Solid
Percent Solids: 98.4

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Prep	5035			1065641	JCZ	EET EDI	10/03/25 10:14
Total/NA	Analysis	8260D		1	1065886	AAT	EET EDI	10/04/25 23:08

Client Sample ID: 55B2_2-3
Date Collected: 09/30/25 08:40
Date Received: 09/30/25 16:15

Lab Sample ID: 460-336081-23
Matrix: Solid

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Analysis	Moisture		1	1066070	CJC	EET EDI	10/05/25 13:43

Client Sample ID: 55B2_2-3
Date Collected: 09/30/25 08:40
Date Received: 09/30/25 16:15

Lab Sample ID: 460-336081-23
Matrix: Solid
Percent Solids: 98.9

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Prep	5035			1065641	JCZ	EET EDI	10/03/25 10:14
Total/NA	Analysis	8260D		1	1065886	AAT	EET EDI	10/04/25 23:32

Client Sample ID: 55B3_3-4
Date Collected: 09/30/25 08:45
Date Received: 09/30/25 16:15

Lab Sample ID: 460-336081-24
Matrix: Solid

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Analysis	Moisture		1	1066070	CJC	EET EDI	10/05/25 13:43

Lab Chronicle

Client: Haley & Aldrich, Inc.
Project/Site: Former Port Mobil

Job ID: 460-336081-1

Client Sample ID: 55B3_3-4
Date Collected: 09/30/25 08:45
Date Received: 09/30/25 16:15

Lab Sample ID: 460-336081-24
Matrix: Solid
Percent Solids: 99.5

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Prep	5035			1065641	JCZ	EET EDI	10/03/25 10:15
Total/NA	Analysis	8260D		1	1065886	AAT	EET EDI	10/04/25 23:56

Client Sample ID: 55B1_3-4
Date Collected: 09/30/25 08:50
Date Received: 09/30/25 16:15

Lab Sample ID: 460-336081-25
Matrix: Solid

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Analysis	Moisture		1	1066070	CJC	EET EDI	10/05/25 13:43

Client Sample ID: 55B1_3-4
Date Collected: 09/30/25 08:50
Date Received: 09/30/25 16:15

Lab Sample ID: 460-336081-25
Matrix: Solid
Percent Solids: 98.5

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Prep	5035			1065641	JCZ	EET EDI	10/03/25 10:15
Total/NA	Analysis	8260D		1	1065886	AAT	EET EDI	10/05/25 00:20

Client Sample ID: 55B2_4-5
Date Collected: 09/30/25 08:55
Date Received: 09/30/25 16:15

Lab Sample ID: 460-336081-26
Matrix: Solid

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Analysis	Moisture		1	1066070	CJC	EET EDI	10/05/25 13:43

Client Sample ID: 55B2_4-5
Date Collected: 09/30/25 08:55
Date Received: 09/30/25 16:15

Lab Sample ID: 460-336081-26
Matrix: Solid
Percent Solids: 97.3

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Prep	5035			1065641	JCZ	EET EDI	10/03/25 10:15
Total/NA	Analysis	8260D		1	1065886	AAT	EET EDI	10/05/25 00:44

Client Sample ID: 55B3_4-5
Date Collected: 09/30/25 09:00
Date Received: 09/30/25 16:15

Lab Sample ID: 460-336081-27
Matrix: Solid

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Analysis	Moisture		1	1066070	CJC	EET EDI	10/05/25 13:43

Lab Chronicle

Client: Haley & Aldrich, Inc.
Project/Site: Former Port Mobil

Job ID: 460-336081-1

Client Sample ID: 55B3_4-5
Date Collected: 09/30/25 09:00
Date Received: 09/30/25 16:15

Lab Sample ID: 460-336081-27
Matrix: Solid
Percent Solids: 99.3

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Prep	5035			1065641	JCZ	EET EDI	10/03/25 10:16
Total/NA	Analysis	8260D		1	1065886	AAT	EET EDI	10/05/25 01:07

Client Sample ID: 55B1_5-6
Date Collected: 09/30/25 09:05
Date Received: 09/30/25 16:15

Lab Sample ID: 460-336081-28
Matrix: Solid

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Analysis	Moisture		1	1066070	CJC	EET EDI	10/05/25 13:43

Client Sample ID: 55B1_5-6
Date Collected: 09/30/25 09:05
Date Received: 09/30/25 16:15

Lab Sample ID: 460-336081-28
Matrix: Solid
Percent Solids: 95.2

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Prep	5035			1065641	JCZ	EET EDI	10/03/25 10:16
Total/NA	Analysis	8260D		1	1065886	AAT	EET EDI	10/05/25 01:31

Client Sample ID: 55C1_1-2
Date Collected: 09/30/25 09:10
Date Received: 09/30/25 16:15

Lab Sample ID: 460-336081-29
Matrix: Solid

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Analysis	Moisture		1	1066070	CJC	EET EDI	10/05/25 13:43

Client Sample ID: 55C1_1-2
Date Collected: 09/30/25 09:10
Date Received: 09/30/25 16:15

Lab Sample ID: 460-336081-29
Matrix: Solid
Percent Solids: 99.4

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Prep	5035			1065641	JCZ	EET EDI	10/03/25 10:16
Total/NA	Analysis	8260D		1	1065886	AAT	EET EDI	10/05/25 01:55

Client Sample ID: 55C2_1-2
Date Collected: 09/30/25 09:15
Date Received: 09/30/25 16:15

Lab Sample ID: 460-336081-30
Matrix: Solid

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Analysis	Moisture		1	1066070	CJC	EET EDI	10/05/25 13:43

Lab Chronicle

Client: Haley & Aldrich, Inc.
Project/Site: Former Port Mobil

Job ID: 460-336081-1

Client Sample ID: 55C2_1-2
Date Collected: 09/30/25 09:15
Date Received: 09/30/25 16:15

Lab Sample ID: 460-336081-30
Matrix: Solid
Percent Solids: 99.2

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Prep	5035			1065641	JCZ	EET EDI	10/03/25 10:17
Total/NA	Analysis	8260D		1	1065886	AAT	EET EDI	10/05/25 02:19

Client Sample ID: 55C3_2-3
Date Collected: 09/30/25 09:20
Date Received: 09/30/25 16:15

Lab Sample ID: 460-336081-31
Matrix: Solid

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Analysis	Moisture		1	1066070	CJC	EET EDI	10/05/25 13:43

Client Sample ID: 55C3_2-3
Date Collected: 09/30/25 09:20
Date Received: 09/30/25 16:15

Lab Sample ID: 460-336081-31
Matrix: Solid
Percent Solids: 96.8

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Prep	5035			1065641	JCZ	EET EDI	10/03/25 10:17
Total/NA	Analysis	8260D		1	1065886	AAT	EET EDI	10/05/25 02:43

Client Sample ID: 55C1_3-4
Date Collected: 09/30/25 09:25
Date Received: 09/30/25 16:15

Lab Sample ID: 460-336081-32
Matrix: Solid

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Analysis	Moisture		1	1066070	CJC	EET EDI	10/05/25 13:43

Client Sample ID: 55C1_3-4
Date Collected: 09/30/25 09:25
Date Received: 09/30/25 16:15

Lab Sample ID: 460-336081-32
Matrix: Solid
Percent Solids: 98.9

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Prep	5035			1065641	JCZ	EET EDI	10/03/25 10:17
Total/NA	Analysis	8260D		1	1065886	AAT	EET EDI	10/05/25 03:06

Client Sample ID: 55C2_3-4
Date Collected: 09/30/25 09:30
Date Received: 09/30/25 16:15

Lab Sample ID: 460-336081-33
Matrix: Solid

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Analysis	Moisture		1	1066070	CJC	EET EDI	10/05/25 13:43

Lab Chronicle

Client: Haley & Aldrich, Inc.
Project/Site: Former Port Mobil

Job ID: 460-336081-1

Client Sample ID: 55C2_3-4
Date Collected: 09/30/25 09:30
Date Received: 09/30/25 16:15

Lab Sample ID: 460-336081-33
Matrix: Solid
Percent Solids: 99.4

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Prep	5035			1065641	JCZ	EET EDI	10/03/25 10:18
Total/NA	Analysis	8260D		1	1066000	AAT	EET EDI	10/05/25 07:04

Client Sample ID: 55C3_4-5
Date Collected: 09/30/25 09:35
Date Received: 09/30/25 16:15

Lab Sample ID: 460-336081-34
Matrix: Solid

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Analysis	Moisture		1	1066070	CJC	EET EDI	10/05/25 13:43

Client Sample ID: 55C3_4-5
Date Collected: 09/30/25 09:35
Date Received: 09/30/25 16:15

Lab Sample ID: 460-336081-34
Matrix: Solid
Percent Solids: 95.1

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Prep	5035			1065641	JCZ	EET EDI	10/03/25 10:18
Total/NA	Analysis	8260D		1	1066000	AAT	EET EDI	10/05/25 07:27

Client Sample ID: 55C1_5-6
Date Collected: 09/30/25 09:40
Date Received: 09/30/25 16:15

Lab Sample ID: 460-336081-35
Matrix: Solid

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Analysis	Moisture		1	1066070	CJC	EET EDI	10/05/25 13:43

Client Sample ID: 55C1_5-6
Date Collected: 09/30/25 09:40
Date Received: 09/30/25 16:15

Lab Sample ID: 460-336081-35
Matrix: Solid
Percent Solids: 97.2

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Prep	5035			1065641	JCZ	EET EDI	10/03/25 10:18
Total/NA	Analysis	8260D		1	1066000	AAT	EET EDI	10/05/25 07:51

Client Sample ID: 56A1_1-2
Date Collected: 09/30/25 10:10
Date Received: 09/30/25 16:15

Lab Sample ID: 460-336081-36
Matrix: Solid

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Analysis	Moisture		1	1066070	CJC	EET EDI	10/05/25 13:43

Lab Chronicle

Client: Haley & Aldrich, Inc.
Project/Site: Former Port Mobil

Job ID: 460-336081-1

Client Sample ID: 56A1_1-2
Date Collected: 09/30/25 10:10
Date Received: 09/30/25 16:15

Lab Sample ID: 460-336081-36
Matrix: Solid
Percent Solids: 98.5

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Prep	5035			1065641	JCZ	EET EDI	10/03/25 10:19
Total/NA	Analysis	8260D		1	1066000	AAT	EET EDI	10/05/25 08:15

Client Sample ID: 56A2_2-3
Date Collected: 09/30/25 10:20
Date Received: 09/30/25 16:15

Lab Sample ID: 460-336081-37
Matrix: Solid

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Analysis	Moisture		1	1066070	CJC	EET EDI	10/05/25 13:43

Client Sample ID: 56A2_2-3
Date Collected: 09/30/25 10:20
Date Received: 09/30/25 16:15

Lab Sample ID: 460-336081-37
Matrix: Solid
Percent Solids: 96.4

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Prep	5035			1065641	JCZ	EET EDI	10/03/25 10:19
Total/NA	Analysis	8260D		1	1066000	AAT	EET EDI	10/05/25 08:39

Client Sample ID: 56A3_2-3
Date Collected: 09/30/25 10:25
Date Received: 09/30/25 16:15

Lab Sample ID: 460-336081-38
Matrix: Solid

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Analysis	Moisture		1	1066070	CJC	EET EDI	10/05/25 13:43

Client Sample ID: 56A3_2-3
Date Collected: 09/30/25 10:25
Date Received: 09/30/25 16:15

Lab Sample ID: 460-336081-38
Matrix: Solid
Percent Solids: 97.4

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Prep	5035			1065641	JCZ	EET EDI	10/03/25 10:19
Total/NA	Analysis	8260D		1	1066000	AAT	EET EDI	10/05/25 09:02

Client Sample ID: 56A1_3-4
Date Collected: 09/30/25 10:30
Date Received: 09/30/25 16:15

Lab Sample ID: 460-336081-39
Matrix: Solid

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Analysis	Moisture		1	1066070	CJC	EET EDI	10/05/25 13:43

Lab Chronicle

Client: Haley & Aldrich, Inc.
Project/Site: Former Port Mobil

Job ID: 460-336081-1

Client Sample ID: 56A1_3-4

Lab Sample ID: 460-336081-39
Date Collected: 09/30/25 10:30
Matrix: Solid
Date Received: 09/30/25 16:15
Percent Solids: 94.4

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Prep	5035			1065646	JCZ	EET EDI	10/03/25 10:29
Total/NA	Analysis	8260D		1	1066000	AAT	EET EDI	10/05/25 09:26

Client Sample ID: 56A2_4-5

Lab Sample ID: 460-336081-40
Date Collected: 09/30/25 10:35
Matrix: Solid
Date Received: 09/30/25 16:15

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Analysis	Moisture		1	1066070	CJC	EET EDI	10/05/25 13:43

Client Sample ID: 56A2_4-5

Lab Sample ID: 460-336081-40
Date Collected: 09/30/25 10:35
Matrix: Solid
Date Received: 09/30/25 16:15
Percent Solids: 94.0

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Prep	5035			1065646	JCZ	EET EDI	10/03/25 10:29
Total/NA	Analysis	8260D		1	1066000	AAT	EET EDI	10/05/25 09:50

Client Sample ID: 56A3_4-5

Lab Sample ID: 460-336081-41
Date Collected: 09/30/25 10:40
Matrix: Solid
Date Received: 09/30/25 16:15

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Analysis	Moisture		1	1066070	CJC	EET EDI	10/05/25 13:43

Client Sample ID: 56A3_4-5

Lab Sample ID: 460-336081-41
Date Collected: 09/30/25 10:40
Matrix: Solid
Date Received: 09/30/25 16:15
Percent Solids: 95.2

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Prep	5035			1065646	JCZ	EET EDI	10/03/25 10:29
Total/NA	Analysis	8260D		1	1066136	AAT	EET EDI	10/06/25 13:19

Client Sample ID: 56A1_5-6

Lab Sample ID: 460-336081-42
Date Collected: 09/30/25 10:45
Matrix: Solid
Date Received: 09/30/25 16:15

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Analysis	Moisture		1	1066070	CJC	EET EDI	10/05/25 13:43

Lab Chronicle

Client: Haley & Aldrich, Inc.
Project/Site: Former Port Mobil

Job ID: 460-336081-1

Client Sample ID: 56A1_5-6
Date Collected: 09/30/25 10:45
Date Received: 09/30/25 16:15

Lab Sample ID: 460-336081-42
Matrix: Solid
Percent Solids: 97.3

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Prep	5035			1065646	JCZ	EET EDI	10/03/25 10:29
Total/NA	Analysis	8260D		1	1066000	AAT	EET EDI	10/05/25 10:37

Client Sample ID: 56B1_1-2
Date Collected: 09/30/25 10:50
Date Received: 09/30/25 16:15

Lab Sample ID: 460-336081-43
Matrix: Solid

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Analysis	Moisture		1	1066070	CJC	EET EDI	10/05/25 13:43

Client Sample ID: 56B1_1-2
Date Collected: 09/30/25 10:50
Date Received: 09/30/25 16:15

Lab Sample ID: 460-336081-43
Matrix: Solid
Percent Solids: 95.8

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Prep	5035			1065646	JCZ	EET EDI	10/03/25 10:30
Total/NA	Analysis	8260D		1	1066000	AAT	EET EDI	10/05/25 11:01

Client Sample ID: 56B2_2-3
Date Collected: 09/30/25 10:55
Date Received: 09/30/25 16:15

Lab Sample ID: 460-336081-44
Matrix: Solid

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Analysis	Moisture		1	1066070	CJC	EET EDI	10/05/25 13:43

Client Sample ID: 56B2_2-3
Date Collected: 09/30/25 10:55
Date Received: 09/30/25 16:15

Lab Sample ID: 460-336081-44
Matrix: Solid
Percent Solids: 88.9

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Prep	5035			1065646	JCZ	EET EDI	10/03/25 10:30
Total/NA	Analysis	8260D		1	1066000	AAT	EET EDI	10/05/25 11:25

Client Sample ID: 56B3_3-4
Date Collected: 09/30/25 11:00
Date Received: 09/30/25 16:15

Lab Sample ID: 460-336081-45
Matrix: Solid

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Analysis	Moisture		1	1066071	CJC	EET EDI	10/05/25 13:43

Lab Chronicle

Client: Haley & Aldrich, Inc.
Project/Site: Former Port Mobil

Job ID: 460-336081-1

Client Sample ID: 56B3_3-4
Date Collected: 09/30/25 11:00
Date Received: 09/30/25 16:15

Lab Sample ID: 460-336081-45
Matrix: Solid
Percent Solids: 99.3

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Prep	5035			1065646	JCZ	EET EDI	10/03/25 10:30
Total/NA	Analysis	8260D		1	1066136	AAT	EET EDI	10/06/25 07:47

Client Sample ID: 56B1_3-4
Date Collected: 09/30/25 11:05
Date Received: 09/30/25 16:15

Lab Sample ID: 460-336081-46
Matrix: Solid

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Analysis	Moisture		1	1066071	CJC	EET EDI	10/05/25 13:43

Client Sample ID: 56B1_3-4
Date Collected: 09/30/25 11:05
Date Received: 09/30/25 16:15

Lab Sample ID: 460-336081-46
Matrix: Solid
Percent Solids: 95.8

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Prep	5035			1065646	JCZ	EET EDI	10/03/25 10:31
Total/NA	Analysis	8260D		1	1066136	AAT	EET EDI	10/06/25 08:11

Client Sample ID: 56B2_4-5
Date Collected: 09/30/25 11:10
Date Received: 09/30/25 16:15

Lab Sample ID: 460-336081-47
Matrix: Solid

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Analysis	Moisture		1	1066071	CJC	EET EDI	10/05/25 13:43

Client Sample ID: 56B2_4-5
Date Collected: 09/30/25 11:10
Date Received: 09/30/25 16:15

Lab Sample ID: 460-336081-47
Matrix: Solid
Percent Solids: 91.8

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Prep	5035			1065646	JCZ	EET EDI	10/03/25 10:31
Total/NA	Analysis	8260D		1	1066136	AAT	EET EDI	10/06/25 08:34

Client Sample ID: 56B3_5-6
Date Collected: 09/30/25 11:15
Date Received: 09/30/25 16:15

Lab Sample ID: 460-336081-48
Matrix: Solid

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Analysis	Moisture		1	1066071	CJC	EET EDI	10/05/25 13:43

Lab Chronicle

Client: Haley & Aldrich, Inc.
Project/Site: Former Port Mobil

Job ID: 460-336081-1

Client Sample ID: 56B3_5-6
Date Collected: 09/30/25 11:15
Date Received: 09/30/25 16:15

Lab Sample ID: 460-336081-48
Matrix: Solid
Percent Solids: 99.0

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Prep	5035			1065646	JCZ	EET EDI	10/03/25 10:31
Total/NA	Analysis	8260D		1	1066136	AAT	EET EDI	10/06/25 08:58

Client Sample ID: 56B1_5-6
Date Collected: 09/30/25 11:20
Date Received: 09/30/25 16:15

Lab Sample ID: 460-336081-49
Matrix: Solid

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Analysis	Moisture		1	1066071	CJC	EET EDI	10/05/25 13:43

Client Sample ID: 56B1_5-6
Date Collected: 09/30/25 11:20
Date Received: 09/30/25 16:15

Lab Sample ID: 460-336081-49
Matrix: Solid
Percent Solids: 93.9

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Prep	5035			1065646	JCZ	EET EDI	10/03/25 10:32
Total/NA	Analysis	8260D		1	1066136	AAT	EET EDI	10/06/25 09:22

Client Sample ID: 56C1_1-2
Date Collected: 09/30/25 11:25
Date Received: 09/30/25 16:15

Lab Sample ID: 460-336081-50
Matrix: Solid

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Analysis	Moisture		1	1066071	CJC	EET EDI	10/05/25 13:43

Client Sample ID: 56C1_1-2
Date Collected: 09/30/25 11:25
Date Received: 09/30/25 16:15

Lab Sample ID: 460-336081-50
Matrix: Solid
Percent Solids: 96.9

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Prep	5035			1065646	JCZ	EET EDI	10/03/25 10:32
Total/NA	Analysis	8260D		1	1066136	AAT	EET EDI	10/06/25 09:45

Client Sample ID: 56C2_2-3
Date Collected: 09/30/25 11:30
Date Received: 09/30/25 16:15

Lab Sample ID: 460-336081-51
Matrix: Solid

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Analysis	Moisture		1	1066071	CJC	EET EDI	10/05/25 13:43

Lab Chronicle

Client: Haley & Aldrich, Inc.
Project/Site: Former Port Mobil

Job ID: 460-336081-1

Client Sample ID: 56C2_2-3
Date Collected: 09/30/25 11:30
Date Received: 09/30/25 16:15

Lab Sample ID: 460-336081-51
Matrix: Solid
Percent Solids: 97.7

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Prep	5035			1065646	JCZ	EET EDI	10/03/25 10:32
Total/NA	Analysis	8260D		1	1066136	AAT	EET EDI	10/06/25 10:09

Client Sample ID: 56C3_3-4
Date Collected: 09/30/25 11:35
Date Received: 09/30/25 16:15

Lab Sample ID: 460-336081-52
Matrix: Solid

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Analysis	Moisture		1	1066071	CJC	EET EDI	10/05/25 13:43

Client Sample ID: 56C3_3-4
Date Collected: 09/30/25 11:35
Date Received: 09/30/25 16:15

Lab Sample ID: 460-336081-52
Matrix: Solid
Percent Solids: 98.4

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Prep	5035			1065646	JCZ	EET EDI	10/03/25 10:33
Total/NA	Analysis	8260D		1	1066136	AAT	EET EDI	10/06/25 10:33

Client Sample ID: 56C1_3-4
Date Collected: 09/30/25 11:40
Date Received: 09/30/25 16:15

Lab Sample ID: 460-336081-53
Matrix: Solid

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Analysis	Moisture		1	1066071	CJC	EET EDI	10/05/25 13:43

Client Sample ID: 56C1_3-4
Date Collected: 09/30/25 11:40
Date Received: 09/30/25 16:15

Lab Sample ID: 460-336081-53
Matrix: Solid
Percent Solids: 98.7

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Prep	5035			1065646	JCZ	EET EDI	10/03/25 10:33
Total/NA	Analysis	8260D		1	1066018	AAT	EET EDI	10/06/25 00:16

Client Sample ID: 56C2_4-5
Date Collected: 09/30/25 11:45
Date Received: 09/30/25 16:15

Lab Sample ID: 460-336081-54
Matrix: Solid

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Analysis	Moisture		1	1066071	CJC	EET EDI	10/05/25 13:43

Lab Chronicle

Client: Haley & Aldrich, Inc.
Project/Site: Former Port Mobil

Job ID: 460-336081-1

Client Sample ID: 56C2_4-5
Date Collected: 09/30/25 11:45
Date Received: 09/30/25 16:15

Lab Sample ID: 460-336081-54
Matrix: Solid
Percent Solids: 98.4

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Prep	5035			1065646	JCZ	EET EDI	10/03/25 10:33
Total/NA	Analysis	8260D		1	1066018	AAT	EET EDI	10/06/25 00:39

Client Sample ID: 56C3_5-6
Date Collected: 09/30/25 11:50
Date Received: 09/30/25 16:15

Lab Sample ID: 460-336081-55
Matrix: Solid

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Analysis	Moisture		1	1066071	CJC	EET EDI	10/05/25 13:43

Client Sample ID: 56C3_5-6
Date Collected: 09/30/25 11:50
Date Received: 09/30/25 16:15

Lab Sample ID: 460-336081-55
Matrix: Solid
Percent Solids: 98.0

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Prep	5035			1065646	JCZ	EET EDI	10/03/25 10:34
Total/NA	Analysis	8260D		1	1066018	AAT	EET EDI	10/06/25 01:03

Client Sample ID: 56C2_5-6
Date Collected: 09/30/25 11:55
Date Received: 09/30/25 16:15

Lab Sample ID: 460-336081-56
Matrix: Solid

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Analysis	Moisture		1	1066071	CJC	EET EDI	10/05/25 13:43

Client Sample ID: 56C2_5-6
Date Collected: 09/30/25 11:55
Date Received: 09/30/25 16:15

Lab Sample ID: 460-336081-56
Matrix: Solid
Percent Solids: 98.9

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Prep	5035			1065646	JCZ	EET EDI	10/03/25 10:34
Total/NA	Analysis	8260D		1	1066018	AAT	EET EDI	10/06/25 01:27

Client Sample ID: 56D1_1-2
Date Collected: 09/30/25 12:00
Date Received: 09/30/25 16:15

Lab Sample ID: 460-336081-57
Matrix: Solid

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Analysis	Moisture		1	1066071	CJC	EET EDI	10/05/25 13:43

Lab Chronicle

Client: Haley & Aldrich, Inc.
Project/Site: Former Port Mobil

Job ID: 460-336081-1

Client Sample ID: 56D1_1-2
Date Collected: 09/30/25 12:00
Date Received: 09/30/25 16:15

Lab Sample ID: 460-336081-57
Matrix: Solid
Percent Solids: 98.5

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Prep	5035			1065646	JCZ	EET EDI	10/03/25 10:34
Total/NA	Analysis	8260D		1	1066018	AAT	EET EDI	10/06/25 01:51

Client Sample ID: 56D2_1-2
Date Collected: 09/30/25 12:05
Date Received: 09/30/25 16:15

Lab Sample ID: 460-336081-58
Matrix: Solid

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Analysis	Moisture		1	1066071	CJC	EET EDI	10/05/25 13:43

Client Sample ID: 56D2_1-2
Date Collected: 09/30/25 12:05
Date Received: 09/30/25 16:15

Lab Sample ID: 460-336081-58
Matrix: Solid
Percent Solids: 98.2

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Prep	5035			1065646	JCZ	EET EDI	10/03/25 10:35
Total/NA	Analysis	8260D		1	1066018	AAT	EET EDI	10/06/25 02:14

Client Sample ID: 56D3_2-3
Date Collected: 09/30/25 12:10
Date Received: 09/30/25 16:15

Lab Sample ID: 460-336081-59
Matrix: Solid

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Analysis	Moisture		1	1066071	CJC	EET EDI	10/05/25 13:43

Client Sample ID: 56D3_2-3
Date Collected: 09/30/25 12:10
Date Received: 09/30/25 16:15

Lab Sample ID: 460-336081-59
Matrix: Solid
Percent Solids: 99.2

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Prep	5035			1065646	JCZ	EET EDI	10/03/25 10:35
Total/NA	Analysis	8260D		1	1066018	AAT	EET EDI	10/06/25 02:38

Client Sample ID: 56D1_3-4
Date Collected: 09/30/25 12:15
Date Received: 09/30/25 16:15

Lab Sample ID: 460-336081-60
Matrix: Solid

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Analysis	Moisture		1	1066071	CJC	EET EDI	10/05/25 13:43

Lab Chronicle

Client: Haley & Aldrich, Inc.
Project/Site: Former Port Mobil

Job ID: 460-336081-1

Client Sample ID: 56D1_3-4
Date Collected: 09/30/25 12:15
Date Received: 09/30/25 16:15

Lab Sample ID: 460-336081-60
Matrix: Solid
Percent Solids: 97.1

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Prep	5035			1065646	JCZ	EET EDI	10/03/25 10:35
Total/NA	Analysis	8260D		1	1066018	AAT	EET EDI	10/06/25 03:02

Client Sample ID: 56D2_4-5
Date Collected: 09/30/25 12:20
Date Received: 09/30/25 16:15

Lab Sample ID: 460-336081-61
Matrix: Solid

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Analysis	Moisture		1	1066071	CJC	EET EDI	10/05/25 13:43

Client Sample ID: 56D2_4-5
Date Collected: 09/30/25 12:20
Date Received: 09/30/25 16:15

Lab Sample ID: 460-336081-61
Matrix: Solid
Percent Solids: 94.9

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Prep	5035			1065646	JCZ	EET EDI	10/03/25 10:36
Total/NA	Analysis	8260D		1	1066018	AAT	EET EDI	10/06/25 03:26

Client Sample ID: 56D3_4-5
Date Collected: 09/30/25 12:25
Date Received: 09/30/25 16:15

Lab Sample ID: 460-336081-62
Matrix: Solid

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Analysis	Moisture		1	1066071	CJC	EET EDI	10/05/25 13:43

Client Sample ID: 56D3_4-5
Date Collected: 09/30/25 12:25
Date Received: 09/30/25 16:15

Lab Sample ID: 460-336081-62
Matrix: Solid
Percent Solids: 99.1

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Prep	5035			1065646	JCZ	EET EDI	10/03/25 10:36
Total/NA	Analysis	8260D		1	1066018	AAT	EET EDI	10/06/25 03:49

Client Sample ID: 56D1_5-6
Date Collected: 09/30/25 12:30
Date Received: 09/30/25 16:15

Lab Sample ID: 460-336081-63
Matrix: Solid

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Analysis	Moisture		1	1066071	CJC	EET EDI	10/05/25 13:43

Lab Chronicle

Client: Haley & Aldrich, Inc.
Project/Site: Former Port Mobil

Job ID: 460-336081-1

Client Sample ID: 56D1_5-6

Date Collected: 09/30/25 12:30
Date Received: 09/30/25 16:15

Lab Sample ID: 460-336081-63

Matrix: Solid
Percent Solids: 92.6

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Prep	5035			1065646	JCZ	EET EDI	10/03/25 10:36
Total/NA	Analysis	8260D		1	1066136	AAT	EET EDI	10/06/25 13:43

Laboratory References:

EET EDI = Eurofins Edison, 777 New Durham Road, Edison, NJ 08817, TEL (732)549-3900

ELLE = Eurofins Lancaster Laboratories Environment Testing, LLC, 2425 New Holland Pike, Lancaster, PA 17601, TEL (717)656-2300

Accreditation/Certification Summary

Client: Haley & Aldrich, Inc.
Project/Site: Former Port Mobil

Job ID: 460-336081-1

Laboratory: Eurofins Edison

Unless otherwise noted, all analytes for this laboratory were covered under each accreditation/certification below.

Authority	Program	Identification Number	Expiration Date
New York	NELAP	11452	04-01-26

The following analytes are included in this report, but the laboratory is not certified by the governing authority. This list may include analytes for which the agency does not offer certification.

Analysis Method	Prep Method	Matrix	Analyte
8270E	3546	Solid	3 & 4 Methylphenol
Moisture		Solid	Percent Moisture
Moisture		Solid	Percent Solids

Laboratory: Eurofins Lancaster Laboratories Environment Testing, LLC

All accreditations/certifications held by this laboratory are listed. Not all accreditations/certifications are applicable to this report.

Authority	Program	Identification Number	Expiration Date
A2LA	Dept. of Defense ELAP	0001.01	11-30-26
A2LA	Dept. of Energy	0001.01	11-30-26
A2LA	ISO/IEC 17025	0001.01	11-30-26
Alabama	State	43200	01-31-26
Alaska	State	PA00009	06-30-26
Alaska (UST)	State	17-027	12-30-26
Arizona	State	AZ0780	03-12-26
Arkansas DEQ	State	88-00660	08-09-26
California	State	2792	01-31-26
Colorado	State	PA00009	06-30-26
Connecticut	State	PH-0746	06-30-27
DE Haz. Subst. Cleanup Act (HSCA)	State	019-006 (PA cert)	01-31-26
Delaware (DW)	State	N/A	01-31-26
Florida	NELAP	E87997	07-01-26
Georgia (DW)	State	C048	01-31-26
Illinois	NELAP	200027	01-31-26
Iowa	State	361	03-01-26
Kansas	NELAP	E-10151	10-31-25
Kentucky (DW)	State	KY90088	12-31-25
Kentucky (UST)	State	0001.01	11-30-26
Kentucky (WW)	State	KY90088	12-31-25
Louisiana (All)	NELAP	02055	06-30-26
Maine	State	2019012	03-12-27
Maryland	State	100	06-30-26
Massachusetts	State	M-PA009	06-30-26
Michigan	State	9930	01-31-26
Minnesota	NELAP	042-999-487	12-31-25
Mississippi	State	023	01-31-26
Missouri	State	450	01-31-28
Montana (DW)	State	0098	01-01-26
Nebraska	State	NE-OS-32-17	01-31-26
New Hampshire	NELAP	2730	01-10-26
New Jersey	NELAP	PA011	06-30-26
New York	NELAP	10670	04-01-26
North Carolina (DW)	State	42705	07-31-26
North Carolina (WW/SW)	State	521	12-31-25
North Dakota	State	R-205	01-31-24 *
Ohio	State	87787	01-31-26

* Accreditation/Certification renewal pending - accreditation/certification considered valid.

Accreditation/Certification Summary

Client: Haley & Aldrich, Inc.
Project/Site: Former Port Mobil

Job ID: 460-336081-1

Laboratory: Eurofins Lancaster Laboratories Environment Testing, LLC (Continued)

All accreditations/certifications held by this laboratory are listed. Not all accreditations/certifications are applicable to this report.

Authority	Program	Identification Number	Expiration Date
Oklahoma	NELAP	9804	12-31-25
Oregon	NELAP	PA200001	09-12-26
Pennsylvania	NELAP	36-00037	01-31-26
Quebec Ministry of Environment and Fight against Climate Change	PALA	507	09-16-29
Rhode Island	State	LAO00338	12-30-25
South Carolina	State	89002	01-31-26
Tennessee	State	02838	01-31-26
Texas	NELAP	T104704194-23-46	08-31-26
USDA	US Federal Programs	525-22-298-19481	10-25-25
Vermont	State	VT - 36037	10-27-25
Virginia	NELAP	460182	06-14-26
Washington	State	C457	04-11-26
West Virginia (DW)	State	9906 C	03-31-26
West Virginia DEP	State	055	07-31-26
Wyoming	State	8TMS-L	01-31-26
Wyoming (UST)	A2LA	0001.01	11-30-26

Method Summary

Client: Haley & Aldrich, Inc.
Project/Site: Former Port Mobil

Job ID: 460-336081-1

Method	Method Description	Protocol	Laboratory
8260D	Volatile Organic Compounds by GC/MS	SW846	EET EDI
8270E	Semivolatile Organic Compounds (GC/MS)	SW846	EET EDI
8081B	Organochlorine Pesticides (GC)	SW846	EET EDI
8082A	Polychlorinated Biphenyls (PCBs) by Gas Chromatography	SW846	EET EDI
1633A	Per- and Polyfluoroalkyl Substances by LC/MS/MS, 1633A	EPA	ELLE
6020B	Metals (ICP/MS)	SW846	EET EDI
7471B	Mercury (CVAA)	SW846	EET EDI
Moisture	Percent Moisture	EPA	EET EDI
1633A Shake	Shake Extraction with SPE	EPA	ELLE
3050B	Preparation, Metals	SW846	EET EDI
3546	Microwave Extraction	SW846	EET EDI
5035	Closed System Purge and Trap	SW846	EET EDI
7471B	Preparation, Mercury	SW846	EET EDI

Protocol References:

EPA = US Environmental Protection Agency

SW846 = "Test Methods For Evaluating Solid Waste, Physical/Chemical Methods", Third Edition, November 1986 And Its Updates.

Laboratory References:

EET EDI = Eurofins Edison, 777 New Durham Road, Edison, NJ 08817, TEL (732)549-3900

ELLE = Eurofins Lancaster Laboratories Environment Testing, LLC, 2425 New Holland Pike, Lancaster, PA 17601, TEL (717)656-2300

Sample Summary

Client: Haley & Aldrich, Inc.
Project/Site: Former Port Mobil

Job ID: 460-336081-1

Lab Sample ID	Client Sample ID	Matrix	Collected	Received	Sample Origin
460-336081-1	55A_0-3	Solid	09/30/25 09:45	09/30/25 16:15	New York
460-336081-2	55A_3-6	Solid	09/30/25 09:50	09/30/25 16:15	New York
460-336081-3	55B_0-3	Solid	09/30/25 09:55	09/30/25 16:15	New York
460-336081-4	55B_3-6	Solid	09/30/25 10:00	09/30/25 16:15	New York
460-336081-5	55C_0-3	Solid	09/30/25 10:05	09/30/25 16:15	New York
460-336081-6	55C_3-6	Solid	09/30/25 10:10	09/30/25 16:15	New York
460-336081-7	56A_0-3	Solid	09/30/25 12:35	09/30/25 16:15	New York
460-336081-8	56A_3-6	Solid	09/30/25 12:40	09/30/25 16:15	New York
460-336081-9	56B_0-3	Solid	09/30/25 12:45	09/30/25 16:15	New York
460-336081-10	56B_3-6	Solid	09/30/25 12:50	09/30/25 16:15	New York
460-336081-11	56C_0-3	Solid	09/30/25 12:55	09/30/25 16:15	New York
460-336081-12	56C_3-6	Solid	09/30/25 13:00	09/30/25 16:15	New York
460-336081-13	56D_0-3	Solid	09/30/25 13:05	09/30/25 16:15	New York
460-336081-14	56D_3-6	Solid	09/30/25 13:10	09/30/25 16:15	New York
460-336081-15	55A1_0-1	Solid	09/30/25 08:00	09/30/25 16:15	New York
460-336081-16	55A2_1-2	Solid	09/30/25 08:05	09/30/25 16:15	New York
460-336081-17	55A3_2-3	Solid	09/30/25 08:10	09/30/25 16:15	New York
460-336081-18	55A1_3-4	Solid	09/30/25 08:15	09/30/25 16:15	New York
460-336081-19	55A2_4-5	Solid	09/30/25 08:20	09/30/25 16:15	New York
460-336081-20	55A3_5-6	Solid	09/30/25 08:25	09/30/25 16:15	New York
460-336081-21	55A3_4-5	Solid	09/30/25 08:30	09/30/25 16:15	New York
460-336081-22	55B1_1-2	Solid	09/30/25 08:35	09/30/25 16:15	New York
460-336081-23	55B2_2-3	Solid	09/30/25 08:40	09/30/25 16:15	New York
460-336081-24	55B3_3-4	Solid	09/30/25 08:45	09/30/25 16:15	New York
460-336081-25	55B1_3-4	Solid	09/30/25 08:50	09/30/25 16:15	New York
460-336081-26	55B2_4-5	Solid	09/30/25 08:55	09/30/25 16:15	New York
460-336081-27	55B3_4-5	Solid	09/30/25 09:00	09/30/25 16:15	New York
460-336081-28	55B1_5-6	Solid	09/30/25 09:05	09/30/25 16:15	New York
460-336081-29	55C1_1-2	Solid	09/30/25 09:10	09/30/25 16:15	New York
460-336081-30	55C2_1-2	Solid	09/30/25 09:15	09/30/25 16:15	New York
460-336081-31	55C3_2-3	Solid	09/30/25 09:20	09/30/25 16:15	New York
460-336081-32	55C1_3-4	Solid	09/30/25 09:25	09/30/25 16:15	New York
460-336081-33	55C2_3-4	Solid	09/30/25 09:30	09/30/25 16:15	New York
460-336081-34	55C3_4-5	Solid	09/30/25 09:35	09/30/25 16:15	New York
460-336081-35	55C1_5-6	Solid	09/30/25 09:40	09/30/25 16:15	New York
460-336081-36	56A1_1-2	Solid	09/30/25 10:10	09/30/25 16:15	New York
460-336081-37	56A2_2-3	Solid	09/30/25 10:20	09/30/25 16:15	New York
460-336081-38	56A3_2-3	Solid	09/30/25 10:25	09/30/25 16:15	New York
460-336081-39	56A1_3-4	Solid	09/30/25 10:30	09/30/25 16:15	New York
460-336081-40	56A2_4-5	Solid	09/30/25 10:35	09/30/25 16:15	New York
460-336081-41	56A3_4-5	Solid	09/30/25 10:40	09/30/25 16:15	New York
460-336081-42	56A1_5-6	Solid	09/30/25 10:45	09/30/25 16:15	New York
460-336081-43	56B1_1-2	Solid	09/30/25 10:50	09/30/25 16:15	New York
460-336081-44	56B2_2-3	Solid	09/30/25 10:55	09/30/25 16:15	New York
460-336081-45	56B3_3-4	Solid	09/30/25 11:00	09/30/25 16:15	New York
460-336081-46	56B1_3-4	Solid	09/30/25 11:05	09/30/25 16:15	New York
460-336081-47	56B2_4-5	Solid	09/30/25 11:10	09/30/25 16:15	New York
460-336081-48	56B3_5-6	Solid	09/30/25 11:15	09/30/25 16:15	New York
460-336081-49	56B1_5-6	Solid	09/30/25 11:20	09/30/25 16:15	New York
460-336081-50	56C1_1-2	Solid	09/30/25 11:25	09/30/25 16:15	New York
460-336081-51	56C2_2-3	Solid	09/30/25 11:30	09/30/25 16:15	New York
460-336081-52	56C3_3-4	Solid	09/30/25 11:35	09/30/25 16:15	New York
460-336081-53	56C1_3-4	Solid	09/30/25 11:40	09/30/25 16:15	New York

Sample Summary

Client: Haley & Aldrich, Inc.
Project/Site: Former Port Mobil

Job ID: 460-336081-1

Lab Sample ID	Client Sample ID	Matrix	Collected	Received	Sample Origin
460-336081-54	56C2_4-5	Solid	09/30/25 11:45	09/30/25 16:15	New York
460-336081-55	56C3_5-6	Solid	09/30/25 11:50	09/30/25 16:15	New York
460-336081-56	56C2_5-6	Solid	09/30/25 11:55	09/30/25 16:15	New York
460-336081-57	56D1_1-2	Solid	09/30/25 12:00	09/30/25 16:15	New York
460-336081-58	56D2_1-2	Solid	09/30/25 12:05	09/30/25 16:15	New York
460-336081-59	56D3_2-3	Solid	09/30/25 12:10	09/30/25 16:15	New York
460-336081-60	56D1_3-4	Solid	09/30/25 12:15	09/30/25 16:15	New York
460-336081-61	56D2_4-5	Solid	09/30/25 12:20	09/30/25 16:15	New York
460-336081-62	56D3_4-5	Solid	09/30/25 12:25	09/30/25 16:15	New York
460-336081-63	56D1_5-6	Solid	09/30/25 12:30	09/30/25 16:15	New York

Eurofins Edison
777 New Durham Road
Edison, NJ 08817
Phone: 732-549-3900 Fax: 732-549-3679

Chain of Custody Record

eurofins | Environment Testing

Client Information	Sampler: KRD	Lab PM: Flannery Elizabeth J	Carrier Tracking No(s):	COC No: 460-200645-131312.4
Client Contact: Sarah Commisso	Phone:	E-Mail: Elizabeth.Flannery@et.eurofinsus.com	State of Origin:	Page: Page 4 of 21 1 | 7
Company: Haley & Aldrich, Inc.	PWSID:			Job #: 3960 61
Address: 213 West 35th Street, 7th Floor	Due Date Requested:			
City: New York	TAT Requested (days): 5-Day			
State, Zip: NY 10001	Compliance Project: Δ Yes Δ No			
Phone:	PO #: 0213830-001-002-03 ~~0200908-001-001-00~~			
Email: SCommisso@haleyaldrich.com	WO #: 4101 Arthur Kill Road, Staten Island, NY			
Project Name: 4101 Arthur Kill - Former Port Mobil	Project #: 46042832			
Site:	SSOW#:			

Analysis Requested

Preservation Codes:
N None
F MeOH

SHORT HOLD

460-336081 Chain of Custody

Sample Identification	Sample Date	Sample Time	Sample Type (C=Comp, G=grab)	Matrix (W=water, S=solid, O=waste/oil, BT=Tissue, A=Air, DW=Drinking Water)	Field Filtered Sample (Yes or No)	Perform MS/MSD (Yes or No)	6020B, 7471B, 8081B, 8082A, 8270E	8260D TCL/Part 375 VOCs	1633 standard List of 4D	Special Instructions/Note:
Preservation Code:							N	F	N	
55A_0-3	9/30/25	945	C	Solid			X		X	1
55A_3-6		950		Solid						2
55B_0-3		955		Solid						3
55B_3-6		1000		Solid						4
55C_0-3		1005		Solid						5
55C_3-6		1010		Solid						6
56A_0-3		1235		Solid						7
56A_3-6		1240		Solid						8
56B_0-3		1245		Solid						9
56B_3-6		1250		Solid						10
56C_0-3		1255		Solid						11

Possible Hazard Identification
☐ Non-Hazard ☐ Flammable ☐ Skin Irritant ☐ Poison B ☐ Unknown ☐ Radiological

Sample Disposal (A fee may be assessed if samples are retained longer than 1 month)
☐ Return To Client ☐ Disposal By Lab ☐ Archive For _____ Months

Deliverable Requested: I, II, III, IV Other (specify)

Special Instructions/QC Requirements:

Empty Kit Relinquished by:		Date:		Time:		Method of Shipment:	
Relinquished by: Kassidy OConnor	Date/Time: 9/30/25	Company: H&A	Received by:	Date/Time: 9/30 1530	Company: ET		
Relinquished by:	Date/Time: 9/30 1615	Company: ET	Received by:	Date/Time: 9/30 1615	Company: ETM		
Relinquished by:	Date/Time:	Company	Received by:	Date/Time:	Company		
Custody Seals Intact: Δ Yes Δ No	Custody Seal No.: N/A		Cooler Temperature(s) °C and Other Remarks: 1) 1.8/1.5 2) 1.7/1.4 #9				

Ver 10/10/2024

Eurofins Edison
777 New Durham Road
Edison, NJ 08817
Phone: 732-549-3900 Fax: 732-549-3679

Chain of Custody Record

eurofins | Environment Testing

Client Information	Sampler: KRO	Lab PM: Flannery, Elizabeth J	Carrier Tracking No(s):	COC No: 460-200645-131312.5
Client Contact: Sarah Commisso	Phone:	E-Mail: Elizabeth.Flannery@et.eurofinsus.com	State of Origin:	Page: ~~Page 5 of 24~~ 2/7
Company: Haley & Aldrich, Inc.	PWSID:			Job #: 336061
Address: 213 West 35th Street, 7th Floor	Due Date Requested:			
City: New York	TAT Requested (days): 5-DAY			
State, Zip: NY 10001	Compliance Project: Δ Yes Δ No			
Phone:	PO #: 0213836-001-002-03 ~~0208958-001-001-06~~			
Email: SCommisso@haleyaldrich.com	WO #: 4101 Arthur Kill Road, Staten Island, NY			
Project Name: 4101 Arthur Kill - Former Port Mobil	Project #: 46042832			
Site:	SSOW#:			

Analysis Requested

Preservation Codes:
N None
F MeOH

Other:

Sample Identification	Sample Date	Sample Time	Sample Type (C=comp, G=grab)	Matrix (W=water, S=solid, O=waste/oil, BT=Tissue, A=Air, DW=Drinking Water)	Field Filtered Sample (Yes or No)	Perform MS/MSD (Yes or No)	6020B, 7471B, 8081B, 8082A, 8270E	8260D TCL/Part 375 VOCs	1633 Standard List of 40	Total Number of containers	Special Instructions/Note:
			Preservation Code:				N	F	N		
56C_3-6	9/30/25	1300	C	Solid			X		X		12
56D_0-3	1	1305	1	Solid			1		1		13
56D_3-6	1	1310	1	Solid			1		1		14
				Solid							
				Solid							
				Solid							
				Solid							
				Solid							
				Solid							
				Solid							
				Solid							

Possible Hazard Identification
☐ Non-Hazard ☐ Flammable ☐ Skin Irritant ☐ Poison B ☐ Unknown ☐ Radiological

Sample Disposal (A fee may be assessed if samples are retained longer than 1 month)
☐ Return To Client ☐ Disposal By Lab ☐ Archive For _____ Months

Deliverable Requested: I, II, III, IV Other (specify)

Special Instructions/QC Requirements:

Empty Kit Relinquished by:	Date:	Time:	Method of Shipment:

	Relinquished by:	Date/Time:	Company	Received by:	Date/Time:	Company
1	Kassidy Oconnor	9/30/25	H&A		9/30 1530	ET
2		9/30 1615	ET		9/30 1615	
3		Date/Time:	Company	Received by:	Date/Time:	Company

Custody Seals Intact: Δ Yes Δ No | Custody Seal No.: NA

Cooler Temperature(s) °C and Other Remarks: 1) 1.8/1.5 2) 1.7/1.4 #9

Ver: 10/10/2024

10/9/2025

Eurofins Edison
777 New Durham Road
Edison, NJ 08817
Phone: 732-549-3900 Fax: 732-549-3679

Chain of Custody Record

eurofins | Environment Testing

Client Information	Sampler: KRD	Lab PM: Flannery Elizabeth J	Carrier Tracking No(s):	COC No: 460-200645-131312.6
Client Contact: Sarah Commisso	Phone:	E-Mail: Elizabeth.Flannery@et.eurofinsus.com	State of Origin:	Page: ~~Page 6 of 21~~ 3/7
Company: Haley & Aldrich, Inc.	PWSID:			Job #: 396081
Address: 213 West 35th Street, 7th Floor	Due Date Requested:			
City: New York	TAT Requested (days): 5-DAY			
State, Zip: NY 10001	Compliance Project: Δ Yes Δ No			
Phone:	PO #: ~~0208986-001-001-06~~ 0213536-001-002-03			
Email: SCommisso@haleyaldrich.com	WO #: 4101 Arthur Kill Road, Staten Island, NY			
Project Name: 4101 Arthur Kill Former Port Mobil	Project #: 46042832			
Site:	SSOW#:			

Analysis Requested

Preservation Codes: N None; F MeOH; Other

Sample Identification	Sample Date	Sample Time	Sample Type (C=comp, G=grab)	Matrix (W=water, S=solid, O=waste/oil, BT=Tissue, A=Air, DW=Drinking Water)	Field Filtered Sample (Yes or No)	Perform MS/MSD (Yes or No)	6020B, 7471B, 8081B, 8082A, 8270E	8260D TCL/Part 375 VOCs	Total Number of containers	Special Instructions/Note:
			Preservation Code:				N	F		
55A1_0-1	9/30/25	800	G	Solid				X		15
55A2_1-2		805		Solid						16
55A3_2-3		810		Solid						17
55A1_3-4		815		Solid						18
55A2_4-5		820		Solid						19
55A3_5-6		825		Solid						20
55A3_4-5		830		Solid						21
55B1_1-2		835		Solid						22
55B2_2-3		840		Solid						23
55B3_3-4		845		Solid						24
55B1_3-4		850		Solid						25

Possible Hazard Identification
☐ Non-Hazard ☐ Flammable ☐ Skin Irritant ☐ Poison B ☐ Unknown ☐ Radiological

Sample Disposal (A fee may be assessed if samples are retained longer than 1 month)
☐ Return To Client ☐ Disposal By Lab ☐ Archive For _____ Months

Deliverable Requested: I II III, IV Other (specify)

Special Instructions/QC Requirements:

Empty Kit Relinquished by	Date:	Time:	Method of Shipment:

	Relinquished by	Date/Time	Company	Received by	Date/Time	Company
1	Kassidy O'Connor	9/30/25	H&A		9/30 15:30	ET
2		9/30 16:15	ET		9/30 1615	
3						

Custody Seals Intact: Δ Yes Δ No | Custody Seal No: N/A

Cooler Temperature(s) °C and Other Remarks: 1) 18/1.5 2) 1.7/1.4 #9

Ver: 10/10/2024

10/9/2025

Eurofins Edison
777 New Durham Road
Edison, NJ 08817
Phone: 732-549-3900 Fax: 732-549-3679

Chain of Custody Record

eurofins | Environment Testing

Client Information	Sampler: KRD	Lab PM: Flannery Elizabeth J	Carrier Tracking No(s):	COC No: 460-200645-131312.7
Client Contact: Sarah Commisso	Phone:	E-Mail: Elizabeth.Flannery@et.eurofinsus.com	State of Origin:	Page: ~~Page 3 of 21~~ 4/7
Company: Haley & Aldrich, Inc.	PWSID:			Job #: 336081
Address: 213 West 35th Street, 7th Floor	Due Date Requested:			
City: New York	TAT Requested (days): 5-DAY			
State, Zip: NY 10001	Compliance Project: Δ Yes Δ No			
Phone:	PO #: ~~0208988-001-001-06~~ 0213336-001-002-03			
Email: SCommisso@haleyaldrich.com	WO #: 4101 Arthur Kill Road, Staten Island, NY			
Project Name: 4101 Arthur Kill Former Port Mobil	Project #: 46042832			
Site:	SSOW#:			

Analysis Requested

Preservation Codes:
N None
F MeOH
Other

Sample Identification	Sample Date	Sample Time	Sample Type (C=Comp, G=grab)	Matrix (W=water, S=solid, O=waste/oil, BT=Tissue, A=Air, DW=Drinking Water)	Field Filtered Sample (Yes or No)	Perform MS/MSD (Yes or No)	8020B, 7471B, 8081B, 8082A, 8270E	8260D TCL/Part 375 VOCs	Total Number of containers	Special Instructions/Note:
			Preservation Code:				N	F		
55B2_4-5	9/30/25	855	G	Solid				X		26
55B3_4-5		900		Solid						27
55B1_5-6		905		Solid						28
55C1_1-2		910		Solid						29
55C2_1-2		915		Solid						30
55C3_2-3		920		Solid						31
55C1_3-4		925		Solid						32
55C2_3-4		930		Solid						33
55C3_4-5		935		Solid						34
55C1_5-6		940		Solid						35
56A1_1-2		~~945~~ 1015		Solid						36

Possible Hazard Identification
☐ Non-Hazard ☐ Flammable ☐ Skin Irritant ☐ Poison B ☐ Unknown ☐ Radiological

Sample Disposal (A fee may be assessed if samples are retained longer than 1 month)
☐ Return To Client ☐ Disposal By Lab ☐ Archive For _____ Months

Deliverable Requested: I, II, III, IV Other (specify)

Special Instructions/QC Requirements:

Empty Kit Relinquished by:	Date:	Time:	Method of Shipment:
Relinquished by: Kassidy Oconnor	Date/Time: 9/30/25	Company: H&A	Received by:	Date/Time: 9/30 1530	Company: ET
Relinquished by:	Date/Time: 9/30 1515	Company: ET	Received by:	Date/Time: 9/30 1615	Company
Relinquished by:	Date/Time:	Company	Received by:	Date/Time:	Company

Custody Seals Intact: Δ Yes Δ No | Custody Seal No.: N/A

Cooler Temperature(s) °C and Other Remarks: 1) 1.8 / 1.5 2) 17/14 #9

Ver: 10/10/2024

Eurofins Edison
777 New Durham Road
Edison NJ 08817
Phone: 732-549-3900 Fax: 732-549-3679

Chain of Custody Record

eurofins | Environment Testing

Client Information	Sampler: KRD	Lab PM: Flannery Elizabeth J	Carrier Tracking No(s):	COC No: 460-200645-131312.8
Client Contact: Sarah Commisso	Phone:	E-Mail: Elizabeth.Flannery@et.eurofinsus.com	State of Origin:	Page: ~~Page 8 of 21~~ 5/7
Company: Haley & Aldrich, Inc.	PWSID:			Job #: 336061
Address: 213 West 35th Street, 7th Floor	Due Date Requested:			
City: New York	TAT Requested (days): 5-DAY			
State, Zip: NY 10001	Compliance Project: Δ Yes Δ No			
Phone:	PO #: ~~0208988-001-001-00~~ 0213336-001-002-03			
Email: SCommisso@haleyaldrich.com	WO #: 4101 Arthur Kill Road, Staten Island, NY			
Project Name: 4101 Arthur Kill - Former Port Mobil	Project #: 46042832			
Site:	SSOW#:			

Analysis Requested

Preservation Codes: N None; F MeOH

Sample Identification	Sample Date	Sample Time	Sample Type (C=Comp, G=grab)	Matrix (W=water, S=solid, O=waste/oil, BT=Tissue, A=Air, DW=Drinking Water)	Field Filtered Sample (Yes or No)	Perform MS/MSD (Yes or No)	6020B, 7471B, 8081B, 8082A, 8270E	8260D TCL/Part 375 VOCs	Total Number of containers	Special Instructions/Note:
			Preservation Code:				N	F		
56A2_2-3	9/30/25	1020	G	Solid				X		37
56A3_2-3		1025		Solid						38
56A1_3-4		1030		Solid						39
56A2_4-5		1035		Solid						40
56A3_4-5		1040		Solid						41
56A1_5-6		1045		Solid						42
56B1_1-2		1050		Solid						43
56B2_2 3		1055		Solid						44
56B3_3-4		1100		Solid						45
56B1_3-4		1105		Solid						46
56B2_4-5		1110		Solid						47

Other

Possible Hazard Identification
☐ Non-Hazard ☐ Flammable ☐ Skin Irritant ☐ Poison B ☐ Unknown ☐ Radiological

Sample Disposal (A fee may be assessed if samples are retained longer than 1 month)
☐ Return To Client ☐ Disposal By Lab ☐ Archive For _____ Months

Deliverable Requested: I, II, III, IV Other (specify)

Special Instructions/QC Requirements:

Empty Kit Relinquished by	Date:	Time:	Method of Shipment:

	Relinquished by	Date/Time	Company	Received by	Date/Time	Company
1	Kassady OConnor	9/30/25	H&A		9/30 15:30	EET
2		9/30 16:15	EET		9/30 1615	
3						

Cooler Temperature(s) °C and Other Remarks: 1) 1.8/1.5 2) 1.7/1.4 #9

Custody Seals Intact: Δ Yes Δ No | Custody Seal No.: N/A

Ver: 10/10/2024

Eurofins Edison
777 New Durham Road
Edison, NJ 08817
Phone: 732-549-3900 Fax: 732-549-3679

Chain of Custody Record

eurofins | Environment Testing

Client Information	Sampler: KRD	Lab PM: Flannery Elizabeth J	Carrier Tracking No(s):	COC No: 460-200645-131312.9
Client Contact: Sarah Commisso	Phone:	E-Mail: Elizabeth.Flannery@et.eurofinsus.com	State of Origin:	Page: ~~Page 9 of 21~~ 6 | 7
Company: Haley & Aldrich, Inc.	PWSID:			Job #: 326081
Address: 213 West 35th Street, 7th Floor	Due Date Requested:			
City: New York	TAT Requested (days): 5-DAY			
State, Zip: NY 10001	Compliance Project: Δ Yes Δ No			
Phone:	PO #: 0213836-001-002-03 ~~0206988-001-001-06~~			
Email: SCommisso@haleyaldrich.com	WO #: 4101 Arthur Kill Road, Staten Island, NY			
Project Name: 4101 Arthur Kill - Former Port Mobil	Project #: 46042832			
Site:	SSOW#:			

Analysis Requested

Preservation Codes: N None; F MeOH; Other

Sample Identification	Sample Date	Sample Time	Sample Type (C=Comp, G=grab)	Matrix (W=water, S=solid, O=waste/oil, BT=Tissue, A=Air, DW=Drinking Water)	Field Filtered Sample (Yes or No)	Perform MS/MSD (Yes or No)	6020B, 7471B, 8081B, 8082A, 8270E	8260D TCL/Part 376 VOCs	Total Number of containers	Special Instructions/Note:
			Preservation Code:				N	F		
56B3_5-6	9/30/25	1115	G	Solid				X		48
56B1_5-6		1120		Solid						49
56C1_1-2		1125		Solid						50
56C2_2-3		1130		Solid						51
56C3_3-4		1135		Solid						52
56C1_3-4		1140		Solid						53
56C2_4-5		1145		Solid						54
56C3_5-6		1150		Solid						55
56C2_5-6		1155		Solid						56
56D1_1-2		1200		Solid						57
56D2_1-2		1205		Solid						58

Possible Hazard Identification
☐ Non-Hazard ☐ Flammable ☐ Skin Irritant ☐ Poison B ☐ Unknown ☐ Radiological

Sample Disposal (A fee may be assessed if samples are retained longer than 1 month)
☐ Return To Client ☐ Disposal By Lab ☐ Archive For _____ Months

Deliverable Requested: I, II, III, IV Other (specify)

Special Instructions/QC Requirements:

Empty Kit Relinquished by:	Date:	Time:	Method of Shipment:

	Relinquished by	Date/Time	Company	Received by	Date/Time	Company
1	Kassidy O'Connor	9/30/25	H&A		9/30 15:30	ESI
2		9/30 16:15	ESI		9/30 1615	
3						

Custody Seals Intact: Δ Yes Δ No | Custody Seal No.: N/A

Cooler Temperature(s) °C and Other Remarks: 1) 1.8/1.5 2) 1.7/1.4 #9

Ver: 10/10/2024

10/9/2025

Eurofins Edison
777 New Durham Road
Edison NJ 08817
Phone: 732-549-3900 Fax: 732-549-3679

Chain of Custody Record

eurofins | Environment Testing

Client Information	Sampler: KRD	Lab PM: Flannery Elizabeth J	Carrier Tracking No(s):	COC No: 460-200645-131312.10
Client Contact: Sarah Commisso	Phone:	E-Mail: Elizabeth.Flannery@et.eurofinsus.com	State of Origin:	Page: ~~Page 10 of 21~~ 7/7
Company: Haley & Aldrich, Inc.	PWSID:			Job #: 336081
Address: 213 West 35th Street, 7th Floor	Due Date Requested:			
City: New York	TAT Requested (days): 5-DAY			
State, Zip: NY 10001	Compliance Project: Δ Yes Δ No			
Phone:	PO #: 0213836-001-002-03 ~~0208988-001-001-05~~			
Email: SCommisso@haleyaldrich.com	WO #: 4101 Arthur Kill Road, Staten Island, NY			
Project Name: 4101 Arthur Kill Former Port Mobil	Project #: 46042832			
Site:	SSOW#:			

Analysis Requested

Preservation Codes: N None; F MeOH

Sample Identification	Sample Date	Sample Time	Sample Type (C=Comp, G=grab)	Matrix (Wwater, Ssolid, Owaste/oil, BT=Tissue, A=Air, DW=Drinking Water)	Field Filtered Sample (Yes or No)	Perform MS/MSD (Yes or No)	6020B, 7471B, 8081B, 8082A, 8270E	8260D TCL/Part 376 VOCs	Total Number of containers	Special Instructions/Note:
			Preservation Code:				N	F		
56D3_2-3	9/30/25	1210	G	Solid				X		59
56D1_3-4	"	1215	"	Solid				"		60
56D2_4-5	"	1220	"	Solid				"		61
56D3_4-5	"	1225	"	Solid				"		62
56D1_5-6	"	1230	"	Solid				"		63
				Solid						
				Solid						
				Solid						
				Solid						
				Solid						
				Solid						

Other:

Possible Hazard Identification
☐ Non-Hazard ☐ Flammable ☐ Skin Irritant ☐ Poison B ☐ Unknown ☐ Radiological

Sample Disposal (A fee may be assessed if samples are retained longer than 1 month)
☐ Return To Client ☐ Disposal By Lab ☐ Archive For _____ Months

Deliverable Requested: I, II III, IV Other (specify)

Special Instructions/QC Requirements:

Empty Kit Relinquished by:	Date:	Time:	Method of Shipment:

	Relinquished by	Date/Time	Company	Received by	Date/Time	Company
1	Kassidy Oconnor	9/30/25	H&A		9/30 15:30	EEI
2		9/30 16:15	EEI		9/30 1615	
3						

Custody Seals Intact: Δ Yes Δ No	Custody Seal No. N/A	Cooler Temperature(s) °C and Other Remarks: 1) 18/1.5 2) 17/1.4 #9

Ver: 10/16/2024

10/9/2025

Eurofins TestAmerica Edison
Receipt Temperature and pH Log

Job Number: 336681

Number of Coolers: 2 IR Gun # 9

Cooler Temperatures

	RAW	CORRECTED		RAW	CORRECTED		RAW	CORRECTED
Cooler #1:	1.8 °C	1.5 °C	Cooler #4:	°C	°C	Cooler #7:	°C	°C
Cooler #2:	1.7 °C	1.4 °C	Cooler #5:	°C	°C	Cooler #8:	°C	°C
Cooler #3:	°C	°C	Cooler #6:	°C	°C	Cooler #9:	°C	°C

TALS Sample Number	Ammonia (pH<2)	COD (pH<2)	Nitrate Nitrite (pH<2)	Metals* (pH<2)	Hardness (pH<2)	Pest (pH 5-9)	EPH or QAM (pH<2)	Phenols (pH<2)	Sulfide (pH>9)	TKN (pH<2)	TOC (pH<2)	Total Cyanide (pH>12)	Total Phos (pH<2)	Other	Other

If pH adjustments are required record the information below.

Sample No(s). adjusted: _____

Preservative Name/Conc. _____ Volume of Preservative used (ml) _____

Lot # of Preservative(s): _____ Expiration Date: _____

The appropriate Project Manager and Department Manager should be notified about the samples which were pH adjusted.

** Samples for Metal analysis which are out of compliance must be acidified at least 24 hours prior to analysis.*

Initials: BJ Date: 9/30/25

Eurofins Edison
777 New Durham Road
Edison, NJ 08817
Phone: 732-549-3900 Fax: 732-549-3679

Chain of Custody Record

eurofins | Environment Testing

Client Information (Sub Contract Lab)	Sampler: N/A	Lab PM: Flannery, Elizabeth J	Carrier Tracking No(s): N/A	COC No: 460-75520.1
Client Contact: Shipping/Receiving	Phone: N/A	E-Mail: Elizabeth.Flannery@et.eurofinsus.com	State of Origin: New York	Page: Page 1 of 2
Company: Eurofins Lancaster Laboratories Environm		Accreditations Required (See note): NELAP - New York		Job #: 460-336081-1
Address: 2425 New Holland Pike, ,	Due Date Requested: 10/7/2025			Preservation Codes: -
City: Lancaster	TAT Requested (days): N/A			
State, Zip: PA, 17601				
Phone: 717-656-2300(Tel)	PO #: N/A			
Email: N/A	WO #: N/A			
Project Name: 4101 Arthur Kill - Former Port Mobil	Project #: 46042832			
Site: N/A	SSOW#: N/A			Other: N/A

Sample Identification - Client ID (Lab ID)	Sample Date	Sample Time	Sample Type (C=comp, G=grab)	Matrix (W=water, S=solid, O=waste/oil, BT=Tissue, A=Air)	Field Filtered Sample (Yes or No)	Perform MS/MSD (Yes or No)	1633A/1633A_Shake1633 Standard List 40	Total Number of containers	Special Instructions/Note:
			Preservation Code:						
55A_0-3 (460-336081-1)	9/30/25	09:45 Eastern	G	Solid			X	1	
55A_3-6 (460-336081-2)	9/30/25	09:50 Eastern	G	Solid			X	1	
55B_0-3 (460-336081-3)	9/30/25	09:55 Eastern	G	Solid			X	1	
55B_3-6 (460-336081-4)	9/30/25	10:00 Eastern	G	Solid			X	1	
55C_0-3 (460-336081-5)	9/30/25	10:05 Eastern	G	Solid			X	1	
55C_3-6 (460-336081-6)	9/30/25	10:10 Eastern	G	Solid			X	1	
56A_0-3 (460-336081-7)	9/30/25	12:35 Eastern	G	Solid			X	1	
56A_3-6 (460-336081-8)	9/30/25	12:40 Eastern	G	Solid			X	1	
56B_0-3 (460-336081-9)	9/30/25	12:45 Eastern	G	Solid			X	1	

Note: Since laboratory accreditations are subject to change, Eurofins Environment Testing Northeast, LLC places the ownership of method, analyte & accreditation compliance upon our subcontract laboratories. This sample shipment is forwarded under chain-of-custody. If the laboratory does not currently maintain accreditation in the State of Origin listed above for analysis/tests/matrix being analyzed, the samples must be shipped back to the Eurofins Environment Testing Northeast, LLC laboratory or other instructions will be provided. Any changes to accreditation status should be brought to Eurofins Environment Testing Northeast, LLC attention immediately. If all requested accreditations are current to date, return the signed Chain of Custody attesting to said compliance to Eurofins Environment Testing Northeast, LLC.

Possible Hazard Identification	*Sample Disposal (A fee may be assessed if samples are retained longer than 1 month)*
Unconfirmed	☐ *Return To Client* ☐ *Disposal By Lab* ☐ *Archive For* _____ *Months*
Deliverable Requested: I, II, III, IV, Other (specify) Primary Deliverable Rank: 1	Special Instructions/QC Requirements:

Empty Kit Relinquished by:	Date:	Time:	Method of Shipment:

	Relinquished by:	Date/Time:	Company	Received by:	Date/Time:	Company
1		10/1/25 1642	ET	Bgn	10/1/25 1647	ET
2	Bgn	10/1/25 2007	ET			
3					10-2-25 2007	Zelle

Custody Seals Intact: ∆ Yes ∆ No	Custody Seal No.:	Cooler Temperature(s) °C and Other Remarks: R 3.5 C 3.4

Ver: 10/10/2024

Eurofins Edison
777 New Durham Road
Edison, NJ 08817
Phone: 732-549-3900 Fax: 732-549-3679

Chain of Custody Record

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Client Information (Sub Contract Lab)	Sampler: N/A	Lab PM: Flannery, Elizabeth J	Carrier Tracking No(s): N/A	COC No: 460-75520.2
Client Contact: Shipping/Receiving	Phone: N/A	E-Mail: Elizabeth.Flannery@et.eurofinsus.com	State of Origin: New York	Page: Page 2 of 2
Company: Eurofins Lancaster Laboratories Environm		Accreditations Required (See note): NELAP - New York		Job #: 460-336081-1
Address: 2425 New Holland Pike, ,	Due Date Requested: 10/7/2025			Preservation Codes: -
City: Lancaster	TAT Requested (days): N/A			
State, Zip: PA, 17601				
Phone: 717-656-2300(Tel)	PO #: N/A			
Email: N/A	WO #: N/A			
Project Name: 4101 Arthur Kill - Former Port Mobil	Project #: 46042832			
Site: N/A	SSOW#: N/A			Other: N/A

Sample Identification - Client ID (Lab ID)	Sample Date	Sample Time	Sample Type (C=Comp, G=grab)	Matrix (W=water, S=solid, O=waste/oil, BT=Tissue, A=Air)	Field Filtered Sample (Yes or No)	Perform MS/MSD (Yes or No)	1633A/1633A_Shake1633 Standard List 40	Total Number of containers	Special Instructions/Note:
			Preservation Code:						
56B_3-6 (460-336081-10)	9/30/25	12:50 Eastern	G	Solid			X	1	
56C_0-3 (460-336081-11)	9/30/25	12:55 Eastern	G	Solid			X	1	
56C_3-6 (460-336081-12)	9/30/25	13:00 Eastern	G	Solid			X	1	
56D_0-3 (460-336081-13)	9/30/25	13:05 Eastern	G	Solid			X	1	
56D_3-6 (460-336081-14)	9/30/25	13:10 Eastern	G	Solid			X	1	

Note: Since laboratory accreditations are subject to change, Eurofins Environment Testing Northeast, LLC places the ownership of method, analyte & accreditation compliance upon our subcontract laboratories. This sample shipment is forwarded under chain-of-custody. If the laboratory does not currently maintain accreditation in the State of Origin listed above for analysis/tests/matrix being analyzed, the samples must be shipped back to the Eurofins Environment Testing Northeast, LLC laboratory or other instructions will be provided. Any changes to accreditation status should be brought to Eurofins Environment Testing Northeast, LLC attention immediately. If all requested accreditations are current to date, return the signed Chain of Custody attesting to said compliance to Eurofins Environment Testing Northeast, LLC.

Possible Hazard Identification	Sample Disposal (A fee may be assessed if samples are retained longer than 1 month)
Unconfirmed	☐ Return To Client ☐ Disposal By Lab ☐ Archive For _____ Months
Deliverable Requested: I, II, III, IV, Other (specify) Primary Deliverable Rank: 1	Special Instructions/QC Requirements:

Empty Kit Relinquished by:	Date:	Time:	Method of Shipment:

Relinquished by:	Date/Time: 10/1/25 1642	Company: ET	Received by:	Date/Time: 10/1/25 1642	Company: ET
Relinquished by:	Date/Time: 10/1/25 2007	Company: ET	Received by:	Date/Time:	Company
Relinquished by:	Date/Time:	Company	Received by:	Date/Time: 10-1-25 2007	Company

Custody Seals Intact: ∆ Yes ∆ No	Custody Seal No.:	Cooler Temperature(s) °C and Other Remarks: 3.5 C 3.4

Ver: 10/10/2024

Login Sample Receipt Checklist

Client: Haley & Aldrich, Inc.

Job Number: 460-336081-1

Login Number: 336081
List Number: 1
Creator: Thundathorn, Sukanan 1

List Source: Eurofins Edison

Question	Answer	Comment
Radioactivity wasn't checked or is </= background as measured by a survey meter.	N/A	
The cooler's custody seal, if present, is intact.	True	
Sample custody seals, if present, are intact.	True	
The cooler or samples do not appear to have been compromised or tampered with.	True	
Samples were received on ice.	True	
Cooler Temperature is acceptable.	True	
Cooler Temperature is recorded.	True	
COC is present.	True	
COC is filled out in ink and legible.	True	
COC is filled out with all pertinent information.	True	
Is the Field Sampler's name present on COC?	True	
There are no discrepancies between the containers received and the COC.	True	
Samples are received within Holding Time (excluding tests with immediate HTs)	True	
Sample containers have legible labels.	True	
Containers are not broken or leaking.	True	
Sample collection date/times are provided.	True	
Appropriate sample containers are used.	True	
Sample bottles are completely filled.	True	
Sample Preservation Verified.	True	
There is sufficient vol. for all requested analyses, incl. any requested MS/MSDs	True	
Containers requiring zero headspace have no headspace or bubble is <6mm (1/4").	True	
Multiphasic samples are not present.	True	
Samples do not require splitting or compositing.	True	
Residual Chlorine Checked.	N/A	

Login Sample Receipt Checklist

Client: Haley & Aldrich, Inc.

Job Number: 460-336081-1

Login Number: 336081
List Number: 2
Creator: Kanagy, Nicholas

List Source: Eurofins Lancaster Laboratories Environment Testing, LLC
List Creation: 10/01/25 11:36 PM

Question	Answer	Comment
The cooler's custody seal is intact.	N/A	
The cooler or samples do not appear to have been compromised or tampered with.	True	
Samples were received on ice.	True	
Cooler Temperature acceptable,where thermal pres is required(</=6C, not frozen).	True	
Cooler Temperature is recorded.	True	
WV:Container Temp acceptable,where thermal pres is required (</=6C, not frozen).	N/A	
WV: Container Temperature is recorded.	N/A	
COC is present.	True	
COC is filled out in ink and legible.	True	
COC is filled out with all pertinent information.	True	
There are no discrepancies between the containers received and the COC.	True	
Sample containers have legible labels.	True	
Containers are not broken or leaking.	True	
Sample collection date/times are provided.	True	
Appropriate sample containers are used.	True	
Sample bottles are completely filled.	True	
There is sufficient vol. for all requested analyses.	True	
Is the Field Sampler's name present on COC?	False	Received project as a subcontract.
Sample custody seals are intact.	N/A	
VOA sample vials do not have headspace >6mm in diameter (none, if from WV)?	N/A	

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ANALYTICAL REPORT

PREPARED FOR

Attn: Sarah Commisso
Haley & Aldrich, Inc.
213 West 35th Street, 7th Floor
New York, New York 10001

Generated 10/13/2025 6:29:26 PM

JOB DESCRIPTION

Former Port Mobil

JOB NUMBER

460-336212-1

Eurofins Edison
777 New Durham Road
Edison NJ 08817

See page two for job notes and contact information.

Eurofins Edison

Job Notes

This report may not be reproduced except in full, and with written approval from the laboratory. The results relate only to the samples tested. For questions please contact the Project Manager at the e-mail address or telephone number listed on this page.

The test results in this report relate only to the samples as received by the laboratory and will meet all requirements of the methodology, with any exceptions noted. This report shall not be reproduced except in full, without the express written approval of the laboratory. All questions should be directed to the Eurofins Environment Testing Northeast, LLC Project Manager.

Compliance Statement

I certify that this data package is in compliance with the terms and conditions of the contract, both technically and for completeness, for other than the conditions detailed within the body of this report. Release of the data contained in this sample data package and in the electronic data deliverable has been authorized by the Laboratory Manager or his/her designee, as verified by the following signature.

Authorization

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Authorized for release by
Elizabeth Flannery, Project Manager I
Elizabeth.Flannery@et.eurofinsus.com
(732)549-3900

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Qualifiers

GC/MS VOA

Qualifier	Qualifier Description
*	RPD of the LCS and LCSD exceeds the control limits
*	LCS or LCSD is outside acceptance limits.
*	ISTD response or retention time outside acceptable limits
J	Indicates an estimated value.
U	Analyzed for but not detected.

GC/MS Semi VOA

Qualifier	Qualifier Description
*	MS or MSD is outside acceptance limits.
E	Compound concentration exceeds the upper level of the calibration range of the instrument for that specific analysis.
J	Indicates an estimated value.
U	Analyzed for but not detected.

GC Semi VOA

Qualifier	Qualifier Description
*	Surrogate is outside acceptance limits.
U	Analyzed for but not detected.

LCMS

Qualifier	Qualifier Description
*	Isotope Dilution analyte is outside acceptance limits.
J	Indicates an estimated value.
U	Analyzed for but not detected.

Metals

Qualifier	Qualifier Description
*	Duplicate analysis not within control limits.
4	MS, MSD: The analyte present in the original sample is greater than 4 times the matrix spike concentration; therefore, control limits are not applicable.
J	Sample result is greater than the MDL but below the CRDL
N	Spiked sample recovery is not within control limits.
U	Indicates analyzed for but not detected.

General Chemistry

Qualifier	Qualifier Description
*	Duplicate analysis not within control limits.

Glossary

Abbreviation	These commonly used abbreviations may or may not be present in this report.
☼	Listed under the "D" column to designate that the result is reported on a dry weight basis
%R	Percent Recovery
CFL	Contains Free Liquid
CFU	Colony Forming Unit
CNF	Contains No Free Liquid
DER	Duplicate Error Ratio (normalized absolute difference)
Dil Fac	Dilution Factor
DL	Detection Limit (DoD/DOE)
DL, RA, RE, IN	Indicates a Dilution, Re-analysis, Re-extraction, or additional Initial metals/anion analysis of the sample
DLC	Decision Level Concentration (Radiochemistry)
EDL	Estimated Detection Limit (Dioxin)
LOD	Limit of Detection (DoD/DOE)
LOQ	Limit of Quantitation (DoD/DOE)
MCL	EPA recommended "Maximum Contaminant Level"
MDA	Minimum Detectable Activity (Radiochemistry)
MDC	Minimum Detectable Concentration (Radiochemistry)
MDL	Method Detection Limit

Glossary (Continued)

Abbreviation	These commonly used abbreviations may or may not be present in this report.
ML	Minimum Level (Dioxin)
MPN	Most Probable Number
MQL	Method Quantitation Limit
NC	Not Calculated
ND	Not Detected at the reporting limit (or MDL or EDL if shown)
NEG	Negative / Absent
POS	Positive / Present
PQL	Practical Quantitation Limit
PRES	Presumptive
QC	Quality Control
RER	Relative Error Ratio (Radiochemistry)
RL	Reporting Limit or Requested Limit (Radiochemistry)
RPD	Relative Percent Difference, a measure of the relative difference between two points
TEF	Toxicity Equivalent Factor (Dioxin)
TEQ	Toxicity Equivalent Quotient (Dioxin)
TNTC	Too Numerous To Count

Job Narrative
460-336212-1

The analytical test results presented in this report meet all requirements of the associated regulatory program listed on the Accreditation/Certification Summary Page, unless otherwise noted. Data qualifiers and/or narrative comments are included to explain any exceptions, if applicable. Regulated compliance samples (e.g. SDWA, NPDES) must comply with associated agency requirements/permits.

- Matrix-specific batch QC (e.g., MS, MSD, SD) may not be reported when insufficient sample volume is available or when site-specific QC samples are not submitted. In such cases, a Laboratory Control Sample Duplicate (LCSD) may be analyzed to provide precision data for the batch.
- For samples analyzed using surrogate and/or isotope dilution analytes, any recoveries falling outside of established acceptance criteria are re-prepared and/or re-analyzed to confirm results, unless the deviation is due to sample dilution or otherwise explained in the case narrative.

Receipt
The samples were received on 10/1/2025 4:15 PM. Unless otherwise noted below, the samples arrived in good condition, and, where required, properly preserved and on ice. The temperatures of the 2 coolers at receipt time were 0.6°C and 1.1°C.

Method 8260D - Volatile Organic Compounds by GC/MS
Samples 60A1_1-2 (460-336212-17), 60A2_2-3 (460-336212-18), 60A3_7-8 (460-336212-19), 60A1_3-4 (460-336212-20), 60A2_4-5 (460-336212-21), 60A3_5-6 (460-336212-22), 60A1_6-7 (460-336212-23), 43A1_1-2 (460-336212-24), 43A2_2-3 (460-336212-25), 43A3_3-4 (460-336212-26), 43A1_4-5 (460-336212-27), 43A2_5-6 (460-336212-28), 43A3_6-7 (460-336212-29), 43A2_7-8 (460-336212-30), 43B1_1-2 (460-336212-31), 43B2_2-3 (460-336212-32), 43B3_3-4 (460-336212-33), 43B1_4-5 (460-336212-34), 43B2_5-6 (460-336212-35), 43B3_6-7 (460-336212-36), 43B1_7-8 (460-336212-37), 8B1_1-2 (460-336212-38), 8B2_2-3 (460-336212-39), 8B3_4-5 (460-336212-40), 8B1_5-6 (460-336212-41), 8B2_6-7 (460-336212-42), 8B3_8-9 (460-336212-43), 8B2_9-10 (460-336212-44), 8A1_1-2 (460-336212-45), 8A2_2-3 (460-336212-46), 8A3_4-5 (460-336212-47), 8A1_5-6 (460-336212-48), 8A2_7-8 (460-336212-49), 8A3_8-9 (460-336212-50), 8A1_9-10 (460-336212-51), 6A1_1-2 (460-336212-52), 6A2_2-3 (460-336212-53), 6A3_4-5 (460-336212-54), 6A1_5-6 (460-336212-55), 6A2_7-8 (460-336212-56), 6A3_9-10 (460-336212-57), 6A1_10-11 (460-336212-58), 6B1_1-2 (460-336212-59), 6B2_3-4 (460-336212-60), 6B3_2-3 (460-336212-61), 6B1_5-6 (460-336212-62), 6B2_6-7 (460-336212-63), 6B3_8-9 (460-336212-64), 6B1_9-10 (460-336212-65), 6C1_1-2 (460-336212-66), 6C2_2-3 (460-336212-67), 6C3_4-5 (460-336212-68), 6C1_5-6 (460-336212-69), 6C2_7-8 (460-336212-70), 6C3_9-10 (460-336212-71) and 6C2_10-11 (460-336212-72) were analyzed for Volatile Organic Compounds by GC/MS. The samples were prepared on 10/5/2025 and analyzed on 10/6/2025, 10/7/2025 and 10/10/2025.

The continuing calibration verification (CCV) analyzed in batch 460-1067457 was outside the method criteria for the following analytes: 1,1,2-Trichloro-1,2,2-trifluoroethane (biased high) and tert-Butylbenzene (biased low). A CCV standard at or below the reporting limit (RL) was analyzed with the affected samples and found to be acceptable. As indicated in the reference method, sample analysis may proceed; however, any detection for the affected analytes is considered estimated.

The laboratory control sample (LCS) and / or laboratory control sample duplicate (LCSD) for analytical batch 460-1067457 recovered outside control limits for the following analytes: 2-Hexanone (biased high)and tert-Butylbenzene (biased low). These analytes not detected in the associated samples; therefore, the data have been reported.

Elevated reporting limits are provided for the following sample due to insufficient sample provided for low level analysis: 8A1_9-10 (460-336212-51).

The continuing calibration verification (CCV) analyzed in batch 460-1066075 was outside the method criteria for the following analyte: 1,2,4-Trichlorobenzene. A CCV standard at or below the reporting limit (RL) was analyzed with the affected samples and found to be acceptable. As indicated in the reference method, sample analysis may proceed; however, any detection for the affected analyte is considered estimated.

The continuing calibration verification (CCV) associated with batch 460-1066309 recovered above the upper control limit for Dichlorodifluoromethane. The samples associated with this CCV were non-detects for the affected analyte; therefore, the data have been reported.

The laboratory control sample duplicate (LCSD) for analytical batch 460-1066310 recovered outside control limits for the following analyte: Dichlorodifluoromethane. This analyte was biased high in the LCSD and was not detected in the associated samples;

therefore, the data have been reported.

The continuing calibration verification (CCV) analyzed in batch 460-1066310 was outside the method criteria for the following analyte: Carbon tetrachloride. A CCV standard at or below the reporting limit (RL) was analyzed with the affected samples and found to be acceptable. As indicated in the reference method, sample analysis may proceed; however, any detection for the affected analyte is considered estimated.

The method blank for analytical batch 460-1066075 contained Styrene above the method detection limit. This target analyte concentration was less than the reporting limit (RL) in the method blank; therefore, re-analysis of samples was not performed.

The laboratory control sample (LCS) for analytical batch 460-1066241 recovered outside control limits for the following analytes: tert-Butylbenzene. This analyte was biased low in the LCS and was within control limits in the LCSD. The data has been flagged and reported.

The RPD of the laboratory control sample (LCS) and laboratory control sample duplicate (LCSD) for analytical batch 460-1066241 recovered outside control limits for the following analytes: Methylcyclohexane.

The method blank for analytical batch 460-1066309 contained Toluene above the method detection limit. This target analyte concentration was less than the reporting limit (RL) in the method blank; therefore, re-analysis of samples was not performed.

Internal standard (ISTD) response for the following MB was outside of acceptance limits (biased low): (MB 460-1066524/7). All surrogates were within control limits and all associated samples within the batch demonstrated internal standard and surrogate recoveries within the specified method criteria. The samples were not re-analyzed due to insufficient volume.

The continuing calibration verification (CCV) analyzed in batch 460-1066524 was outside the method criteria for the following analytes: n-Butylbenzene and Trichlorofluoromethane (biased low). A CCV standard at or below the reporting limit (RL) was analyzed with the affected samples and found to be acceptable. As indicated in the reference method, sample analysis may proceed; however, any detection for the affected analytes is considered estimated.

The laboratory control sample duplicate (LCSD) for analytical batch 460-1066524 recovered outside control limits for the following analyte: Dichlorodifluoromethane. This analyte was biased high in the LCSD and was not detected in the associated samples; therefore, the data have been reported.

The method blank for analytical batch 460-1066524 contained Trichlorofluoromethane above the method detection limit. This target analyte concentration was less than the reporting limit (RL) in the method blank; therefore, re-analysis of samples was not performed.

Method 8270E - Semivolatile Organic Compounds (GC/MS)
Samples 60A_0-4 (460-336212-1), 60A_4-8 (460-336212-2), 43A_0-4 (460-336212-3), 43A_4-8 (460-336212-4), 43B_0-4 (460-336212-5), 43B_4-8 (460-336212-6), 8A_0-5 (460-336212-7), 8A_5-10 (460-336212-8), 8B_0-5 (460-336212-9), 8B_5-10 (460-336212-10), 6A_0-6 (460-336212-11), 6A_6-12 (460-336212-12), 6B_0-6 (460-336212-13), 6B_6-12 (460-336212-14), 6C_0-6 (460-336212-15) and 6C_6-12 (460-336212-16) were analyzed for Semivolatile Organic Compounds (GC/MS). The samples were prepared on 10/2/2025 and analyzed on 10/3/2025 and 10/4/2025.

The continuing calibration verification (CCV) analyzed in batch 460-1065761 was outside the method criteria for the following analyte(s): Benzaldehyde. A CCV standard at or below the reporting limit (RL) was analyzed with the affected samples and found to be acceptable. As indicated in the reference method, sample analysis may proceed; however, any detection for the affected analyte(s) is considered estimated.

Method 8082A - Polychlorinated Biphenyls (PCBs) by Gas Chromatography
Samples 60A_0-4 (460-336212-1), 60A_4-8 (460-336212-2), 43A_0-4 (460-336212-3), 43A_4-8 (460-336212-4), 43B_0-4 (460-336212-5), 43B_4-8 (460-336212-6), 8A_0-5 (460-336212-7), 8A_5-10 (460-336212-8), 8B_0-5 (460-336212-9), 8B_5-10 (460-336212-10), 6A_0-6 (460-336212-11), 6A_6-12 (460-336212-12), 6B_0-6 (460-336212-13), 6B_6-12 (460-336212-14), 6C_0-6 (460-336212-15) and 6C_6-12 (460-336212-16) were analyzed for Polychlorinated Biphenyls (PCBs) by Gas Chromatography. The samples were prepared on 10/2/2025 and analyzed on 10/3/2025.

Surrogate recovery for the following sample was outside the upper control limit: 43A_4-8 (460-336212-4). This sample did not contain any target analytes; therefore, re-extraction and/or re-analysis was not performed.

The DCB Decachlorobiphenyl and Tetrachloro-m-xylene surrogate recovery for the following samples was outside acceptance limits (high biased) on the primary column due to matrix interference: 8B_0-5 (460-336212-9). The recovery is within acceptance

limits on the other column, indicating that the extraction process was in control.

The DCB Decachlorobiphenyl surrogate recovery for the following samples was outside acceptance limits (high biased) on the primary column due to matrix interference: 6A_0-6 (460-336212-11). The recovery is within acceptance limits on the other column, indicating that the extraction process was in control.

Method 8081B - Organochlorine Pesticides (GC)
Samples 60A_0-4 (460-336212-1), 60A_4-8 (460-336212-2), 43A_0-4 (460-336212-3), 43A_4-8 (460-336212-4), 43B_0-4 (460-336212-5), 43B_4-8 (460-336212-6), 8A_0-5 (460-336212-7), 8A_5-10 (460-336212-8), 8B_0-5 (460-336212-9), 8B_5-10 (460-336212-10), 6A_0-6 (460-336212-11), 6A_6-12 (460-336212-12), 6B_0-6 (460-336212-13), 6B_6-12 (460-336212-14), 6C_0-6 (460-336212-15) and 6C_6-12 (460-336212-16) were analyzed for Organochlorine Pesticides (GC). The samples were prepared on 10/2/2025 and analyzed on 10/3/2025.

Method 1633A - Per- and Polyfluoroalkyl Substances by LC/MS/MS, 1633A
Samples 60A_0-4 (460-336212-1), 60A_4-8 (460-336212-2), 43A_0-4 (460-336212-3), 43A_4-8 (460-336212-4), 43B_0-4 (460-336212-5), 43B_4-8 (460-336212-6), 8A_0-5 (460-336212-7), 8A_5-10 (460-336212-8), 8B_0-5 (460-336212-9), 8B_5-10 (460-336212-10), 6A_0-6 (460-336212-11), 6A_6-12 (460-336212-12), 6B_0-6 (460-336212-13), 6B_6-12 (460-336212-14), 6C_0-6 (460-336212-15) and 6C_6-12 (460-336212-16) were analyzed for Per- and Polyfluoroalkyl Substances by LC/MS/MS, 1633A. The samples were prepared on 10/7/2025 and analyzed on 10/7/2025 and 10/8/2025.

Sample 6B_6-12 (460-336212-14)[10x] required dilution prior to analysis. The reporting limits have been adjusted accordingly.

The labeled isotopes 13C2 4:2 FTS and 13C2 6:2 FTS are outside QC acceptance limits. Since the recovery in sample 60A_4-8 (460-336212-2) is less than 350%, the data is reported.

The labeled isotopes 13C5 PFPeA are outside QC acceptance limits. Since the recovery in sample 43B_4-8 (460-336212-6) is less than 200%, the data is reported.

Method 6020B - Metals (ICP/MS)
Samples 60A_0-4 (460-336212-1), 60A_4-8 (460-336212-2), 43A_0-4 (460-336212-3), 43A_4-8 (460-336212-4), 43B_0-4 (460-336212-5), 43B_4-8 (460-336212-6), 8A_0-5 (460-336212-7), 8A_5-10 (460-336212-8), 8B_0-5 (460-336212-9), 8B_5-10 (460-336212-10), 6A_0-6 (460-336212-11), 6A_6-12 (460-336212-12), 6B_0-6 (460-336212-13), 6B_6-12 (460-336212-14), 6C_0-6 (460-336212-15) and 6C_6-12 (460-336212-16) were analyzed for Metals (ICP/MS). The samples were prepared on 10/7/2025 and analyzed on 10/7/2025 and 10/8/2025.

Method 7471B - Mercury (CVAA)
Samples 60A_0-4 (460-336212-1), 60A_4-8 (460-336212-2), 43A_0-4 (460-336212-3), 43A_4-8 (460-336212-4), 43B_0-4 (460-336212-5), 43B_4-8 (460-336212-6), 8A_0-5 (460-336212-7), 8A_5-10 (460-336212-8), 8B_0-5 (460-336212-9), 8B_5-10 (460-336212-10), 6A_0-6 (460-336212-11), 6A_6-12 (460-336212-12), 6B_0-6 (460-336212-13), 6B_6-12 (460-336212-14), 6C_0-6 (460-336212-15) and 6C_6-12 (460-336212-16) were analyzed for Mercury (CVAA). The samples were prepared and analyzed on 10/9/2025.

Method Moisture - Percent Moisture
Samples 60A_0-4 (460-336212-1), 60A_4-8 (460-336212-2), 43A_0-4 (460-336212-3), 43A_4-8 (460-336212-4), 43B_0-4 (460-336212-5), 43B_4-8 (460-336212-6), 8A_0-5 (460-336212-7), 8A_5-10 (460-336212-8), 8B_0-5 (460-336212-9), 8B_5-10 (460-336212-10), 6A_0-6 (460-336212-11), 6A_6-12 (460-336212-12), 6B_0-6 (460-336212-13), 6B_6-12 (460-336212-14), 6C_0-6 (460-336212-15), 6C_6-12 (460-336212-16), 60A1_1-2 (460-336212-17), 60A2_2-3 (460-336212-18), 60A3_7-8 (460-336212-19), 60A1_3-4 (460-336212-20), 60A2_4-5 (460-336212-21), 60A3_5-6 (460-336212-22), 60A1_6-7 (460-336212-23), 43A1_1-2 (460-336212-24), 43A2_2-3 (460-336212-25), 43A3_3-4 (460-336212-26), 43A1_4-5 (460-336212-27), 43A2_5-6 (460-336212-28), 43A3_6-7 (460-336212-29), 43A2_7-8 (460-336212-30), 43B1_1-2 (460-336212-31), 43B2_2-3 (460-336212-32), 43B3_3-4 (460-336212-33), 43B1_4-5 (460-336212-34), 43B2_5-6 (460-336212-35), 43B3_6-7 (460-336212-36), 43B1_7-8 (460-336212-37), 8B1_1-2 (460-336212-38), 8B2_2-3 (460-336212-39), 8B3_4-5 (460-336212-40), 8B1_5-6 (460-336212-41), 8B2_6-7 (460-336212-42), 8B3_8-9 (460-336212-43), 8B2_9-10 (460-336212-44), 8A1_1-2 (460-336212-45), 8A2_2-3 (460-336212-46), 8A3_4-5 (460-336212-47), 8A1_5-6 (460-336212-48), 8A2_7-8 (460-336212-49), 8A3_8-9 (460-336212-50), 8A1_9-10 (460-336212-51), 6A1_1-2 (460-336212-52), 6A2_2-3 (460-336212-53), 6A3_4-5 (460-336212-54), 6A1_5-6 (460-336212-55), 6A2_7-8 (460-336212-56), 6A3_9-10 (460-336212-57), 6A1_10-11 (460-336212-58), 6B1_1-2 (460-336212-59), 6B2_3-4 (460-336212-60), 6B3_2-3 (460-336212-61), 6B1_5-6 (460-336212-62), 6B2_6-7 (460-336212-63), 6B3_8-9 (460-336212-64), 6B1_9-10 (460-336212-65), 6C1_1-2 (460-336212-66), 6C2_2-3 (460-336212-67), 6C3_4-5 (460-336212-68), 6C1_5-6 (460-336212-69), 6C2_7-8 (460-336212-70), 6C3_9-10 (460-336212-71) and 6C2_10-11 (460-336212-72) were analyzed for Percent Moisture. The samples were analyzed on 10/5/2025 and 10/6/2025.

Detection Summary

Client: Haley & Aldrich, Inc.
Project/Site: Former Port Mobil

Job ID: 460-336212-1

Client Sample ID: 60A_0-4

Lab Sample ID: 460-336212-1

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
2-Methylnaphthalene	0.021	J	0.35	0.0099	mg/Kg	1	☼	8270E	Total/NA
Acenaphthene	0.022	J	0.35	0.010	mg/Kg	1	☼	8270E	Total/NA
Acenaphthylene	0.27	J	0.35	0.010	mg/Kg	1	☼	8270E	Total/NA
Anthracene	0.34	J	0.35	0.011	mg/Kg	1	☼	8270E	Total/NA
Benzo[a]anthracene	0.30		0.035	0.027	mg/Kg	1	☼	8270E	Total/NA
Benzo[a]pyrene	0.46		0.035	0.0095	mg/Kg	1	☼	8270E	Total/NA
Benzo[b]fluoranthene	0.55		0.035	0.0092	mg/Kg	1	☼	8270E	Total/NA
Benzo[g,h,i]perylene	0.39		0.35	0.010	mg/Kg	1	☼	8270E	Total/NA
Benzo[k]fluoranthene	0.18		0.035	0.0070	mg/Kg	1	☼	8270E	Total/NA
Carbazole	0.12	J	0.35	0.014	mg/Kg	1	☼	8270E	Total/NA
Chrysene	0.35		0.35	0.015	mg/Kg	1	☼	8270E	Total/NA
Dibenz(a,h)anthracene	0.069		0.035	0.015	mg/Kg	1	☼	8270E	Total/NA
Dibenzofuran	0.021	J	0.35	0.012	mg/Kg	1	☼	8270E	Total/NA
Fluoranthene	0.58		0.35	0.012	mg/Kg	1	☼	8270E	Total/NA
Fluorene	0.042	J	0.35	0.010	mg/Kg	1	☼	8270E	Total/NA
Indeno[1,2,3-cd]pyrene	0.39		0.035	0.014	mg/Kg	1	☼	8270E	Total/NA
Naphthalene	0.041	J	0.35	0.0061	mg/Kg	1	☼	8270E	Total/NA
Phenanthrene	0.34	J	0.35	0.014	mg/Kg	1	☼	8270E	Total/NA
Pyrene	0.53		0.35	0.0088	mg/Kg	1	☼	8270E	Total/NA
Perfluoroheptanoic acid (PFHpA)	0.11	J	0.20	0.098	ug/Kg	1	☼	1633A	Total/NA
Perfluorooctanoic acid (PFOA)	0.22		0.20	0.059	ug/Kg	1	☼	1633A	Total/NA
Perfluorononanoic acid (PFNA)	1.40		0.20	0.098	ug/Kg	1	☼	1633A	Total/NA
Perfluoroundecanoic acid (PFUnA)	1.36		0.20	0.098	ug/Kg	1	☼	1633A	Total/NA
Perfluorododecanoic acid (PFDoA)	0.10	J	0.20	0.098	ug/Kg	1	☼	1633A	Total/NA
Perfluorotridecanoic acid (PFTrDA)	1.15		0.20	0.098	ug/Kg	1	☼	1633A	Total/NA
Perfluorooctanesulfonic acid (PFOS)	0.12	J	0.20	0.098	ug/Kg	1	☼	1633A	Total/NA
Aluminum	4910		21.5	5.9	mg/Kg	1	☼	6020B	Total/NA
Antimony	0.83	J	1.1	0.16	mg/Kg	1	☼	6020B	Total/NA
Arsenic	8.1		1.1	0.11	mg/Kg	1	☼	6020B	Total/NA
Barium	42.3		2.1	0.16	mg/Kg	1	☼	6020B	Total/NA
Beryllium	0.55		0.43	0.024	mg/Kg	1	☼	6020B	Total/NA
Cadmium	0.23	J	1.1	0.12	mg/Kg	1	☼	6020B	Total/NA
Calcium	874		107	10.4	mg/Kg	1	☼	6020B	Total/NA
Chromium	15.2		2.1	0.32	mg/Kg	1	☼	6020B	Total/NA
Cobalt	6.8		1.1	0.16	mg/Kg	1	☼	6020B	Total/NA
Copper	52.5		2.1	0.40	mg/Kg	1	☼	6020B	Total/NA
Iron	18200		64.4	8.2	mg/Kg	1	☼	6020B	Total/NA
Lead	97.9		0.64	0.21	mg/Kg	1	☼	6020B	Total/NA
Magnesium	1280		107	10.9	mg/Kg	1	☼	6020B	Total/NA
Manganese	171		4.3	0.43	mg/Kg	1	☼	6020B	Total/NA
Nickel	19.2		2.1	0.19	mg/Kg	1	☼	6020B	Total/NA
Potassium	778		107	17.4	mg/Kg	1	☼	6020B	Total/NA
Selenium	0.40	J	1.3	0.14	mg/Kg	1	☼	6020B	Total/NA
Silver	0.20	J	0.43	0.096	mg/Kg	1	☼	6020B	Total/NA
Sodium	80.6	J	107	49.1	mg/Kg	1	☼	6020B	Total/NA
Thallium	0.068	J	0.43	0.044	mg/Kg	1	☼	6020B	Total/NA
Vanadium	20.8		2.1	0.22	mg/Kg	1	☼	6020B	Total/NA
Zinc	122		8.6	1.2	mg/Kg	1	☼	6020B	Total/NA
Mercury	0.050		0.017	0.0079	mg/Kg	1	☼	7471B	Total/NA

This Detection Summary does not include radiochemical test results.

Detection Summary

Client: Haley & Aldrich, Inc.
Project/Site: Former Port Mobil

Job ID: 460-336212-1

Client Sample ID: 60A_4-8 — Lab Sample ID: 460-336212-2

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
2-Methylnaphthalene	0.019	J	0.35	0.0098	mg/Kg	1	☼	8270E	Total/NA
Acenaphthene	0.016	J	0.35	0.010	mg/Kg	1	☼	8270E	Total/NA
Acenaphthylene	0.21	J	0.35	0.010	mg/Kg	1	☼	8270E	Total/NA
Anthracene	0.23	J	0.35	0.011	mg/Kg	1	☼	8270E	Total/NA
Benzo[a]anthracene	0.21		0.035	0.026	mg/Kg	1	☼	8270E	Total/NA
Benzo[a]pyrene	0.35		0.035	0.0094	mg/Kg	1	☼	8270E	Total/NA
Benzo[b]fluoranthene	0.44		0.035	0.0091	mg/Kg	1	☼	8270E	Total/NA
Benzo[g,h,i]perylene	0.25	J	0.35	0.010	mg/Kg	1	☼	8270E	Total/NA
Benzo[k]fluoranthene	0.15		0.035	0.0069	mg/Kg	1	☼	8270E	Total/NA
Carbazole	0.065	J	0.35	0.013	mg/Kg	1	☼	8270E	Total/NA
Chrysene	0.25	J	0.35	0.015	mg/Kg	1	☼	8270E	Total/NA
Dibenz(a,h)anthracene	0.041		0.035	0.015	mg/Kg	1	☼	8270E	Total/NA
Dibenzofuran	0.013	J	0.35	0.012	mg/Kg	1	☼	8270E	Total/NA
Fluoranthene	0.39		0.35	0.012	mg/Kg	1	☼	8270E	Total/NA
Fluorene	0.026	J	0.35	0.010	mg/Kg	1	☼	8270E	Total/NA
Indeno[1,2,3-cd]pyrene	0.23		0.035	0.014	mg/Kg	1	☼	8270E	Total/NA
Naphthalene	0.033	J	0.35	0.0061	mg/Kg	1	☼	8270E	Total/NA
Phenanthrene	0.18	J	0.35	0.014	mg/Kg	1	☼	8270E	Total/NA
Pyrene	0.34	J	0.35	0.0088	mg/Kg	1	☼	8270E	Total/NA
Perfluorooctanoic acid (PFOA)	0.24		0.19	0.057	ug/Kg	1	☼	1633A	Total/NA
Perfluorononanoic acid (PFNA)	1.17		0.19	0.095	ug/Kg	1	☼	1633A	Total/NA
Perfluoroundecanoic acid (PFUnA)	0.82		0.19	0.095	ug/Kg	1	☼	1633A	Total/NA
Perfluorotridecanoic acid (PFTrDA)	0.69		0.19	0.095	ug/Kg	1	☼	1633A	Total/NA
Perfluorooctanesulfonic acid (PFOS)	0.15	J	0.19	0.095	ug/Kg	1	☼	1633A	Total/NA
Aluminum	3700		19.3	5.3	mg/Kg	1	☼	6020B	Total/NA
Antimony	0.29	J	0.97	0.14	mg/Kg	1	☼	6020B	Total/NA
Arsenic	5.1		0.97	0.10	mg/Kg	1	☼	6020B	Total/NA
Barium	30.4		1.9	0.14	mg/Kg	1	☼	6020B	Total/NA
Beryllium	0.52		0.39	0.021	mg/Kg	1	☼	6020B	Total/NA
Calcium	583		96.7	9.4	mg/Kg	1	☼	6020B	Total/NA
Chromium	11.6		1.9	0.29	mg/Kg	1	☼	6020B	Total/NA
Cobalt	3.9		0.97	0.14	mg/Kg	1	☼	6020B	Total/NA
Copper	29.8		1.9	0.36	mg/Kg	1	☼	6020B	Total/NA
Iron	15900		58.0	7.4	mg/Kg	1	☼	6020B	Total/NA
Lead	37.7		0.58	0.19	mg/Kg	1	☼	6020B	Total/NA
Magnesium	907		96.7	9.9	mg/Kg	1	☼	6020B	Total/NA
Manganese	88.1		3.9	0.39	mg/Kg	1	☼	6020B	Total/NA
Nickel	9.9		1.9	0.17	mg/Kg	1	☼	6020B	Total/NA
Potassium	681		96.7	15.7	mg/Kg	1	☼	6020B	Total/NA
Selenium	0.29	J	1.2	0.12	mg/Kg	1	☼	6020B	Total/NA
Sodium	56.7	J	96.7	44.2	mg/Kg	1	☼	6020B	Total/NA
Vanadium	18.7		1.9	0.20	mg/Kg	1	☼	6020B	Total/NA
Zinc	68.6		7.7	1.1	mg/Kg	1	☼	6020B	Total/NA
Mercury	0.022		0.018	0.0085	mg/Kg	1	☼	7471B	Total/NA

Client Sample ID: 43A_0-4 — Lab Sample ID: 460-336212-3

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Benzo[a]pyrene	0.015	J	0.035	0.0094	mg/Kg	1	☼	8270E	Total/NA
Benzo[b]fluoranthene	0.017	J	0.035	0.0091	mg/Kg	1	☼	8270E	Total/NA
Benzo[g,h,i]perylene	0.029	J	0.35	0.010	mg/Kg	1	☼	8270E	Total/NA

This Detection Summary does not include radiochemical test results.

Eurofins Edison

Client Sample ID: 43A_0-4 (Continued)

Lab Sample ID: 460-336212-3

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Benzo[k]fluoranthene	0.0076	J	0.035	0.0069	mg/Kg	1	☼	8270E	Total/NA
Fluoranthene	0.016	J	0.35	0.012	mg/Kg	1	☼	8270E	Total/NA
Indeno[1,2,3-cd]pyrene	0.020	J	0.035	0.014	mg/Kg	1	☼	8270E	Total/NA
Pyrene	0.017	J	0.35	0.0088	mg/Kg	1	☼	8270E	Total/NA
Perfluoropentanoic acid (PFPeA)	0.10	J	0.19	0.096	ug/Kg	1	☼	1633A	Total/NA
Perfluorohexanoic acid (PFHxA)	0.12	J	0.19	0.096	ug/Kg	1	☼	1633A	Total/NA
Perfluoroheptanoic acid (PFHpA)	0.19		0.19	0.096	ug/Kg	1	☼	1633A	Total/NA
Perfluorooctanoic acid (PFOA)	0.43		0.19	0.057	ug/Kg	1	☼	1633A	Total/NA
Perfluorononanoic acid (PFNA)	0.49		0.19	0.096	ug/Kg	1	☼	1633A	Total/NA
Perfluorodecanoic acid (PFDA)	0.14	J	0.19	0.057	ug/Kg	1	☼	1633A	Total/NA
Perfluoroundecanoic acid (PFUnA)	0.50		0.19	0.096	ug/Kg	1	☼	1633A	Total/NA
Perfluorotridecanoic acid (PFTrDA)	0.12	J	0.19	0.096	ug/Kg	1	☼	1633A	Total/NA
Aluminum	5350		19.9	5.5	mg/Kg	1	☼	6020B	Total/NA
Antimony	0.96	J	1.0	0.15	mg/Kg	1	☼	6020B	Total/NA
Arsenic	7.4		1.0	0.10	mg/Kg	1	☼	6020B	Total/NA
Barium	135		2.0	0.14	mg/Kg	1	☼	6020B	Total/NA
Beryllium	0.59		0.40	0.022	mg/Kg	1	☼	6020B	Total/NA
Cadmium	0.20	J	1.0	0.11	mg/Kg	1	☼	6020B	Total/NA
Calcium	404		99.6	9.7	mg/Kg	1	☼	6020B	Total/NA
Chromium	19.3		2.0	0.30	mg/Kg	1	☼	6020B	Total/NA
Cobalt	6.0		1.0	0.15	mg/Kg	1	☼	6020B	Total/NA
Copper	45.1		2.0	0.37	mg/Kg	1	☼	6020B	Total/NA
Iron	15000		59.8	7.6	mg/Kg	1	☼	6020B	Total/NA
Lead	226		0.60	0.20	mg/Kg	1	☼	6020B	Total/NA
Magnesium	1220		99.6	10.2	mg/Kg	1	☼	6020B	Total/NA
Manganese	223		4.0	0.40	mg/Kg	1	☼	6020B	Total/NA
Nickel	19.7		2.0	0.18	mg/Kg	1	☼	6020B	Total/NA
Potassium	653		99.6	16.1	mg/Kg	1	☼	6020B	Total/NA
Selenium	0.35	J	1.2	0.13	mg/Kg	1	☼	6020B	Total/NA
Silver	0.25	J	0.40	0.089	mg/Kg	1	☼	6020B	Total/NA
Sodium	46.3	J	99.6	45.5	mg/Kg	1	☼	6020B	Total/NA
Thallium	0.062	J	0.40	0.041	mg/Kg	1	☼	6020B	Total/NA
Vanadium	17.9		2.0	0.21	mg/Kg	1	☼	6020B	Total/NA
Zinc	90.3		8.0	1.1	mg/Kg	1	☼	6020B	Total/NA
Mercury	0.040		0.018	0.0083	mg/Kg	1	☼	7471B	Total/NA

Client Sample ID: 43A_4-8

Lab Sample ID: 460-336212-4

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Acenaphthylene	0.019	J	0.35	0.010	mg/Kg	1	☼	8270E	Total/NA
Anthracene	0.018	J	0.35	0.011	mg/Kg	1	☼	8270E	Total/NA
Benzo[a]anthracene	0.030	J	0.035	0.027	mg/Kg	1	☼	8270E	Total/NA
Benzo[a]pyrene	0.037		0.035	0.0095	mg/Kg	1	☼	8270E	Total/NA
Benzo[b]fluoranthene	0.044		0.035	0.0092	mg/Kg	1	☼	8270E	Total/NA
Benzo[g,h,i]perylene	0.041	J	0.35	0.010	mg/Kg	1	☼	8270E	Total/NA
Benzo[k]fluoranthene	0.018	J	0.035	0.0070	mg/Kg	1	☼	8270E	Total/NA
Chrysene	0.027	J	0.35	0.015	mg/Kg	1	☼	8270E	Total/NA
Fluoranthene	0.041	J	0.35	0.012	mg/Kg	1	☼	8270E	Total/NA
Indeno[1,2,3-cd]pyrene	0.035		0.035	0.014	mg/Kg	1	☼	8270E	Total/NA
Phenanthrene	0.023	J	0.35	0.014	mg/Kg	1	☼	8270E	Total/NA
Pyrene	0.043	J	0.35	0.0088	mg/Kg	1	☼	8270E	Total/NA

This Detection Summary does not include radiochemical test results.

Client Sample ID: 43A_4-8 (Continued)

Lab Sample ID: 460-336212-4

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Perfluoroheptanoic acid (PFHpA)	0.23		0.20	0.099	ug/Kg	1	☼	1633A	Total/NA
Perfluorooctanoic acid (PFOA)	0.18	J	0.20	0.059	ug/Kg	1	☼	1633A	Total/NA
Perfluorononanoic acid (PFNA)	0.21		0.20	0.099	ug/Kg	1	☼	1633A	Total/NA
Perfluorodecanoic acid (PFDA)	0.10	J	0.20	0.059	ug/Kg	1	☼	1633A	Total/NA
Perfluoroundecanoic acid (PFUnA)	1.23		0.20	0.099	ug/Kg	1	☼	1633A	Total/NA
Perfluorotridecanoic acid (PFTrDA)	0.93		0.20	0.099	ug/Kg	1	☼	1633A	Total/NA
Aluminum	5130		19.2	5.3	mg/Kg	1	☼	6020B	Total/NA
Antimony	0.77	J	0.96	0.14	mg/Kg	1	☼	6020B	Total/NA
Arsenic	6.9		0.96	0.099	mg/Kg	1	☼	6020B	Total/NA
Barium	36.7		1.9	0.14	mg/Kg	1	☼	6020B	Total/NA
Beryllium	0.75		0.38	0.021	mg/Kg	1	☼	6020B	Total/NA
Cadmium	0.24	J	0.96	0.11	mg/Kg	1	☼	6020B	Total/NA
Calcium	1180		95.9	9.3	mg/Kg	1	☼	6020B	Total/NA
Chromium	17.6		1.9	0.28	mg/Kg	1	☼	6020B	Total/NA
Cobalt	7.7		0.96	0.14	mg/Kg	1	☼	6020B	Total/NA
Copper	64.9		1.9	0.35	mg/Kg	1	☼	6020B	Total/NA
Iron	17500		57.5	7.3	mg/Kg	1	☼	6020B	Total/NA
Lead	132		0.58	0.19	mg/Kg	1	☼	6020B	Total/NA
Magnesium	1670		95.9	9.8	mg/Kg	1	☼	6020B	Total/NA
Manganese	218		3.8	0.39	mg/Kg	1	☼	6020B	Total/NA
Nickel	34.3		1.9	0.17	mg/Kg	1	☼	6020B	Total/NA
Potassium	678		95.9	15.5	mg/Kg	1	☼	6020B	Total/NA
Selenium	0.31	J	1.2	0.12	mg/Kg	1	☼	6020B	Total/NA
Silver	0.22	J	0.38	0.085	mg/Kg	1	☼	6020B	Total/NA
Sodium	77.0	J	95.9	43.8	mg/Kg	1	☼	6020B	Total/NA
Thallium	0.075	J	0.38	0.039	mg/Kg	1	☼	6020B	Total/NA
Vanadium	21.5		1.9	0.20	mg/Kg	1	☼	6020B	Total/NA
Zinc	163		7.7	1.0	mg/Kg	1	☼	6020B	Total/NA
Mercury	0.044		0.018	0.0083	mg/Kg	1	☼	7471B	Total/NA

Client Sample ID: 43B_0-4

Lab Sample ID: 460-336212-5

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
2-Methylnaphthalene	0.017	J	0.35	0.0099	mg/Kg	1	☼	8270E	Total/NA
Acenaphthene	0.023	J	0.35	0.010	mg/Kg	1	☼	8270E	Total/NA
Acenaphthylene	0.28	J	0.35	0.010	mg/Kg	1	☼	8270E	Total/NA
Anthracene	0.41		0.35	0.011	mg/Kg	1	☼	8270E	Total/NA
Benzo[a]anthracene	0.29		0.035	0.027	mg/Kg	1	☼	8270E	Total/NA
Benzo[a]pyrene	0.46		0.035	0.0094	mg/Kg	1	☼	8270E	Total/NA
Benzo[b]fluoranthene	0.55		0.035	0.0092	mg/Kg	1	☼	8270E	Total/NA
Benzo[g,h,i]perylene	0.45		0.35	0.010	mg/Kg	1	☼	8270E	Total/NA
Benzo[k]fluoranthene	0.19		0.035	0.0069	mg/Kg	1	☼	8270E	Total/NA
Carbazole	0.14	J	0.35	0.013	mg/Kg	1	☼	8270E	Total/NA
Chrysene	0.36		0.35	0.015	mg/Kg	1	☼	8270E	Total/NA
Dibenz(a,h)anthracene	0.076		0.035	0.015	mg/Kg	1	☼	8270E	Total/NA
Dibenzofuran	0.020	J	0.35	0.012	mg/Kg	1	☼	8270E	Total/NA
Fluoranthene	0.54		0.35	0.012	mg/Kg	1	☼	8270E	Total/NA
Fluorene	0.044	J	0.35	0.010	mg/Kg	1	☼	8270E	Total/NA
Indeno[1,2,3-cd]pyrene	0.42		0.035	0.014	mg/Kg	1	☼	8270E	Total/NA
Naphthalene	0.041	J	0.35	0.0061	mg/Kg	1	☼	8270E	Total/NA
Phenanthrene	0.29	J	0.35	0.014	mg/Kg	1	☼	8270E	Total/NA

This Detection Summary does not include radiochemical test results.

Client Sample ID: 43B_0-4 (Continued)

Lab Sample ID: 460-336212-5

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Pyrene	0.50		0.35	0.0088	mg/Kg	1	☼	8270E	Total/NA
Perfluoropentanoic acid (PFPeA)	0.27		0.19	0.096	ug/Kg	1	☼	1633A	Total/NA
Perfluorohexanoic acid (PFHxA)	0.25		0.19	0.096	ug/Kg	1	☼	1633A	Total/NA
Perfluoroheptanoic acid (PFHpA)	0.80		0.19	0.096	ug/Kg	1	☼	1633A	Total/NA
Perfluorooctanoic acid (PFOA)	0.58		0.19	0.057	ug/Kg	1	☼	1633A	Total/NA
Perfluorononanoic acid (PFNA)	1.38		0.19	0.096	ug/Kg	1	☼	1633A	Total/NA
Perfluorodecanoic acid (PFDA)	0.35		0.19	0.057	ug/Kg	1	☼	1633A	Total/NA
Perfluoroundecanoic acid (PFUnA)	3.45		0.19	0.096	ug/Kg	1	☼	1633A	Total/NA
Perfluorododecanoic acid (PFDoA)	0.20		0.19	0.096	ug/Kg	1	☼	1633A	Total/NA
Perfluorotridecanoic acid (PFTrDA)	2.41		0.19	0.096	ug/Kg	1	☼	1633A	Total/NA
Perfluorooctanesulfonic acid (PFOS)	0.32		0.19	0.096	ug/Kg	1	☼	1633A	Total/NA
1H,1H,2H,2H-Perfluorodecane sulfonic acid (8:2 FTS)	0.63		0.38	0.19	ug/Kg	1	☼	1633A	Total/NA
Aluminum	6510		19.1	5.2	mg/Kg	1	☼	6020B	Total/NA
Antimony	1.1		0.96	0.14	mg/Kg	1	☼	6020B	Total/NA
Arsenic	6.1		0.96	0.098	mg/Kg	1	☼	6020B	Total/NA
Barium	57.4		1.9	0.14	mg/Kg	1	☼	6020B	Total/NA
Beryllium	2.4		0.38	0.021	mg/Kg	1	☼	6020B	Total/NA
Cadmium	0.34	J	0.96	0.11	mg/Kg	1	☼	6020B	Total/NA
Calcium	1300		95.6	9.3	mg/Kg	1	☼	6020B	Total/NA
Chromium	32.4		1.9	0.28	mg/Kg	1	☼	6020B	Total/NA
Cobalt	32.1		0.96	0.14	mg/Kg	1	☼	6020B	Total/NA
Copper	281		1.9	0.35	mg/Kg	1	☼	6020B	Total/NA
Iron	24500		57.4	7.3	mg/Kg	1	☼	6020B	Total/NA
Lead	287		0.57	0.19	mg/Kg	1	☼	6020B	Total/NA
Magnesium	1760		95.6	9.8	mg/Kg	1	☼	6020B	Total/NA
Manganese	332		3.8	0.39	mg/Kg	1	☼	6020B	Total/NA
Nickel	174		1.9	0.17	mg/Kg	1	☼	6020B	Total/NA
Potassium	804		95.6	15.5	mg/Kg	1	☼	6020B	Total/NA
Selenium	0.85	J	1.2	0.12	mg/Kg	1	☼	6020B	Total/NA
Silver	0.27	J	0.38	0.085	mg/Kg	1	☼	6020B	Total/NA
Sodium	108		95.6	43.7	mg/Kg	1	☼	6020B	Total/NA
Thallium	0.094	J	0.38	0.039	mg/Kg	1	☼	6020B	Total/NA
Vanadium	23.8		1.9	0.20	mg/Kg	1	☼	6020B	Total/NA
Zinc	802		7.6	1.0	mg/Kg	1	☼	6020B	Total/NA
Mercury	0.055		0.017	0.0080	mg/Kg	1	☼	7471B	Total/NA

Client Sample ID: 43B_4-8

Lab Sample ID: 460-336212-6

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Acenaphthylene	0.026	J	0.36	0.010	mg/Kg	1	☼	8270E	Total/NA
Anthracene	0.032	J	0.36	0.011	mg/Kg	1	☼	8270E	Total/NA
Benzo[a]anthracene	0.038		0.036	0.027	mg/Kg	1	☼	8270E	Total/NA
Benzo[a]pyrene	0.045		0.036	0.0095	mg/Kg	1	☼	8270E	Total/NA
Benzo[b]fluoranthene	0.057		0.036	0.0092	mg/Kg	1	☼	8270E	Total/NA
Benzo[g,h,i]perylene	0.058	J	0.36	0.011	mg/Kg	1	☼	8270E	Total/NA
Benzo[k]fluoranthene	0.022	J	0.036	0.0070	mg/Kg	1	☼	8270E	Total/NA
Bis(2-ethylhexyl) phthalate	0.049	J	0.36	0.019	mg/Kg	1	☼	8270E	Total/NA
Chrysene	0.039	J	0.36	0.015	mg/Kg	1	☼	8270E	Total/NA
Fluoranthene	0.067	J	0.36	0.012	mg/Kg	1	☼	8270E	Total/NA
Indeno[1,2,3-cd]pyrene	0.052		0.036	0.014	mg/Kg	1	☼	8270E	Total/NA
Phenanthrene	0.038	J	0.36	0.015	mg/Kg	1	☼	8270E	Total/NA

This Detection Summary does not include radiochemical test results.

Client Sample ID: 43B_4-8 (Continued)

Lab Sample ID: 460-336212-6

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Pyrene	0.062	J	0.36	0.0089	mg/Kg	1	☼	8270E	Total/NA
Perfluoropentanoic acid (PFPeA)	0.22		0.20	0.098	ug/Kg	1	☼	1633A	Total/NA
Perfluorohexanoic acid (PFHxA)	0.27		0.20	0.098	ug/Kg	1	☼	1633A	Total/NA
Perfluoroheptanoic acid (PFHpA)	0.61		0.20	0.098	ug/Kg	1	☼	1633A	Total/NA
Perfluorooctanoic acid (PFOA)	0.32		0.20	0.059	ug/Kg	1	☼	1633A	Total/NA
Perfluorononanoic acid (PFNA)	2.21		0.20	0.098	ug/Kg	1	☼	1633A	Total/NA
Perfluorodecanoic acid (PFDA)	0.17	J	0.20	0.059	ug/Kg	1	☼	1633A	Total/NA
Perfluoroundecanoic acid (PFUnA)	2.55		0.20	0.098	ug/Kg	1	☼	1633A	Total/NA
Perfluorododecanoic acid (PFDoA)	0.14	J	0.20	0.098	ug/Kg	1	☼	1633A	Total/NA
Perfluorotridecanoic acid (PFTrDA)	1.59		0.20	0.098	ug/Kg	1	☼	1633A	Total/NA
Perfluorooctanesulfonic acid (PFOS)	0.25		0.20	0.098	ug/Kg	1	☼	1633A	Total/NA
1H,1H,2H,2H-Perfluorodecane sulfonic acid (8:2 FTS)	0.39		0.39	0.20	ug/Kg	1	☼	1633A	Total/NA
Aluminum	5980		20.0	5.5	mg/Kg	1	☼	6020B	Total/NA
Antimony	1.1		1.0	0.15	mg/Kg	1	☼	6020B	Total/NA
Arsenic	8.7		1.0	0.10	mg/Kg	1	☼	6020B	Total/NA
Barium	51.6		2.0	0.14	mg/Kg	1	☼	6020B	Total/NA
Beryllium	1.1		0.40	0.022	mg/Kg	1	☼	6020B	Total/NA
Cadmium	0.30	J	1.0	0.11	mg/Kg	1	☼	6020B	Total/NA
Calcium	1150		99.9	9.7	mg/Kg	1	☼	6020B	Total/NA
Chromium	23.2		2.0	0.30	mg/Kg	1	☼	6020B	Total/NA
Cobalt	8.9		1.0	0.15	mg/Kg	1	☼	6020B	Total/NA
Copper	86.6		2.0	0.37	mg/Kg	1	☼	6020B	Total/NA
Iron	22600		60.0	7.6	mg/Kg	1	☼	6020B	Total/NA
Lead	138		0.60	0.20	mg/Kg	1	☼	6020B	Total/NA
Magnesium	1680		99.9	10.2	mg/Kg	1	☼	6020B	Total/NA
Manganese	184		4.0	0.40	mg/Kg	1	☼	6020B	Total/NA
Nickel	40.4		2.0	0.18	mg/Kg	1	☼	6020B	Total/NA
Potassium	824		99.9	16.2	mg/Kg	1	☼	6020B	Total/NA
Selenium	0.50	J	1.2	0.13	mg/Kg	1	☼	6020B	Total/NA
Silver	0.26	J	0.40	0.089	mg/Kg	1	☼	6020B	Total/NA
Sodium	93.4	J	99.9	45.7	mg/Kg	1	☼	6020B	Total/NA
Thallium	0.080	J	0.40	0.041	mg/Kg	1	☼	6020B	Total/NA
Vanadium	22.9		2.0	0.21	mg/Kg	1	☼	6020B	Total/NA
Zinc	209		8.0	1.1	mg/Kg	1	☼	6020B	Total/NA
Mercury	0.070		0.017	0.0082	mg/Kg	1	☼	7471B	Total/NA

Client Sample ID: 8A_0-5

Lab Sample ID: 460-336212-7

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Benzo[b]fluoranthene	0.011	J	0.036	0.0093	mg/Kg	1	☼	8270E	Total/NA
Fluoranthene	0.016	J	0.36	0.013	mg/Kg	1	☼	8270E	Total/NA
Pyrene	0.014	J	0.36	0.0089	mg/Kg	1	☼	8270E	Total/NA
Perfluoroundecanoic acid (PFUnA)	0.58		0.19	0.097	ug/Kg	1	☼	1633A	Total/NA
Perfluorotridecanoic acid (PFTrDA)	0.78		0.19	0.097	ug/Kg	1	☼	1633A	Total/NA
Aluminum	8620		19.9	5.5	mg/Kg	1	☼	6020B	Total/NA
Antimony	0.79	J	1.0	0.15	mg/Kg	1	☼	6020B	Total/NA
Arsenic	7.5		1.0	0.10	mg/Kg	1	☼	6020B	Total/NA
Barium	68.4		2.0	0.14	mg/Kg	1	☼	6020B	Total/NA
Beryllium	0.58		0.40	0.022	mg/Kg	1	☼	6020B	Total/NA
Cadmium	0.11	J	1.0	0.11	mg/Kg	1	☼	6020B	Total/NA
Calcium	2170		99.6	9.7	mg/Kg	1	☼	6020B	Total/NA

This Detection Summary does not include radiochemical test results.

Client Sample ID: 8A_0-5 (Continued)

Lab Sample ID: 460-336212-7

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Chromium	19.5		2.0	0.30	mg/Kg	1	☼	6020B	Total/NA
Cobalt	7.4		1.0	0.15	mg/Kg	1	☼	6020B	Total/NA
Copper	37.0		2.0	0.37	mg/Kg	1	☼	6020B	Total/NA
Iron	20000		59.8	7.6	mg/Kg	1	☼	6020B	Total/NA
Lead	52.3		0.60	0.20	mg/Kg	1	☼	6020B	Total/NA
Magnesium	3820		99.6	10.2	mg/Kg	1	☼	6020B	Total/NA
Manganese	379		4.0	0.40	mg/Kg	1	☼	6020B	Total/NA
Nickel	17.2		2.0	0.18	mg/Kg	1	☼	6020B	Total/NA
Potassium	1250		99.6	16.1	mg/Kg	1	☼	6020B	Total/NA
Selenium	0.22	J	1.2	0.13	mg/Kg	1	☼	6020B	Total/NA
Silver	0.26	J	0.40	0.089	mg/Kg	1	☼	6020B	Total/NA
Sodium	84.2	J	99.6	45.5	mg/Kg	1	☼	6020B	Total/NA
Thallium	0.12	J	0.40	0.041	mg/Kg	1	☼	6020B	Total/NA
Vanadium	26.7		2.0	0.21	mg/Kg	1	☼	6020B	Total/NA
Zinc	56.7		8.0	1.1	mg/Kg	1	☼	6020B	Total/NA
Mercury	0.024		0.016	0.0077	mg/Kg	1	☼	7471B	Total/NA

Client Sample ID: 8A_5-10

Lab Sample ID: 460-336212-8

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Perfluoroundecanoic acid (PFUnA)	1.21		0.20	0.10	ug/Kg	1	☼	1633A	Total/NA
Perfluorododecanoic acid (PFDoA)	0.11	J	0.20	0.10	ug/Kg	1	☼	1633A	Total/NA
Perfluorotridecanoic acid (PFTrDA)	1.15		0.20	0.10	ug/Kg	1	☼	1633A	Total/NA
Aluminum	8230		21.1	5.8	mg/Kg	1	☼	6020B	Total/NA
Antimony	0.89	J	1.1	0.15	mg/Kg	1	☼	6020B	Total/NA
Arsenic	5.9		1.1	0.11	mg/Kg	1	☼	6020B	Total/NA
Barium	66.9		2.1	0.15	mg/Kg	1	☼	6020B	Total/NA
Beryllium	0.81		0.42	0.023	mg/Kg	1	☼	6020B	Total/NA
Cadmium	0.30	J	1.1	0.12	mg/Kg	1	☼	6020B	Total/NA
Calcium	1730		105	10.2	mg/Kg	1	☼	6020B	Total/NA
Chromium	25.5		2.1	0.31	mg/Kg	1	☼	6020B	Total/NA
Cobalt	9.8		1.1	0.16	mg/Kg	1	☼	6020B	Total/NA
Copper	61.3		2.1	0.39	mg/Kg	1	☼	6020B	Total/NA
Iron	21800		63.2	8.1	mg/Kg	1	☼	6020B	Total/NA
Lead	161		0.63	0.21	mg/Kg	1	☼	6020B	Total/NA
Magnesium	3120		105	10.7	mg/Kg	1	☼	6020B	Total/NA
Manganese	277		4.2	0.42	mg/Kg	1	☼	6020B	Total/NA
Nickel	31.7		2.1	0.19	mg/Kg	1	☼	6020B	Total/NA
Potassium	1220		105	17.1	mg/Kg	1	☼	6020B	Total/NA
Selenium	0.26	J	1.3	0.13	mg/Kg	1	☼	6020B	Total/NA
Silver	0.16	J	0.42	0.094	mg/Kg	1	☼	6020B	Total/NA
Sodium	119		105	48.1	mg/Kg	1	☼	6020B	Total/NA
Thallium	0.11	J	0.42	0.043	mg/Kg	1	☼	6020B	Total/NA
Vanadium	24.9		2.1	0.22	mg/Kg	1	☼	6020B	Total/NA
Zinc	180		8.4	1.1	mg/Kg	1	☼	6020B	Total/NA
Mercury	0.020		0.020	0.0096	mg/Kg	1	☼	7471B	Total/NA

Client Sample ID: 8B_0-5

Lab Sample ID: 460-336212-9

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Benzo[b]fluoranthene	0.012	J	0.036	0.0093	mg/Kg	1	☼	8270E	Total/NA
Pyrene	0.013	J	0.36	0.0089	mg/Kg	1	☼	8270E	Total/NA

This Detection Summary does not include radiochemical test results.

Client Sample ID: 8B_0-5 (Continued)

Lab Sample ID: 460-336212-9

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Perfluorooctanoic acid (PFOA)	0.069	J	0.19	0.057	ug/Kg	1	☼	1633A	Total/NA
Perfluorononanoic acid (PFNA)	0.99		0.19	0.095	ug/Kg	1	☼	1633A	Total/NA
Perfluorodecanoic acid (PFDA)	0.12	J	0.19	0.057	ug/Kg	1	☼	1633A	Total/NA
Perfluoroundecanoic acid (PFUnA)	0.89		0.19	0.095	ug/Kg	1	☼	1633A	Total/NA
Perfluorododecanoic acid (PFDoA)	0.11	J	0.19	0.095	ug/Kg	1	☼	1633A	Total/NA
Perfluorotridecanoic acid (PFTrDA)	0.87		0.19	0.095	ug/Kg	1	☼	1633A	Total/NA
Aluminum	8150		20.1	5.5	mg/Kg	1	☼	6020B	Total/NA
Antimony	0.55	J	1.0	0.15	mg/Kg	1	☼	6020B	Total/NA
Arsenic	5.8		1.0	0.10	mg/Kg	1	☼	6020B	Total/NA
Barium	64.3		2.0	0.15	mg/Kg	1	☼	6020B	Total/NA
Beryllium	0.88		0.40	0.022	mg/Kg	1	☼	6020B	Total/NA
Cadmium	0.30	J	1.0	0.11	mg/Kg	1	☼	6020B	Total/NA
Calcium	6110		100	9.8	mg/Kg	1	☼	6020B	Total/NA
Chromium	23.5		2.0	0.30	mg/Kg	1	☼	6020B	Total/NA
Cobalt	9.9		1.0	0.15	mg/Kg	1	☼	6020B	Total/NA
Copper	82.6		2.0	0.37	mg/Kg	1	☼	6020B	Total/NA
Iron	21000		60.2	7.7	mg/Kg	1	☼	6020B	Total/NA
Lead	189		0.60	0.20	mg/Kg	1	☼	6020B	Total/NA
Magnesium	4440		100	10.2	mg/Kg	1	☼	6020B	Total/NA
Manganese	335		4.0	0.40	mg/Kg	1	☼	6020B	Total/NA
Nickel	45.0		2.0	0.18	mg/Kg	1	☼	6020B	Total/NA
Potassium	1290		100	16.3	mg/Kg	1	☼	6020B	Total/NA
Selenium	0.23	J	1.3	0.13	mg/Kg	1	☼	6020B	Total/NA
Silver	0.29	J	0.40	0.089	mg/Kg	1	☼	6020B	Total/NA
Sodium	120		100	45.8	mg/Kg	1	☼	6020B	Total/NA
Thallium	0.13	J	0.40	0.041	mg/Kg	1	☼	6020B	Total/NA
Vanadium	24.8		2.0	0.21	mg/Kg	1	☼	6020B	Total/NA
Zinc	215		8.0	1.1	mg/Kg	1	☼	6020B	Total/NA
Mercury	0.024		0.018	0.0084	mg/Kg	1	☼	7471B	Total/NA

Client Sample ID: 8B_5-10

Lab Sample ID: 460-336212-10

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Perfluorooctanoic acid (PFOA)	0.056	J	0.18	0.055	ug/Kg	1	☼	1633A	Total/NA
Perfluorodecanoic acid (PFDA)	0.077	J	0.18	0.055	ug/Kg	1	☼	1633A	Total/NA
Perfluoroundecanoic acid (PFUnA)	0.82		0.18	0.091	ug/Kg	1	☼	1633A	Total/NA
Perfluorododecanoic acid (PFDoA)	0.14	J	0.18	0.091	ug/Kg	1	☼	1633A	Total/NA
Perfluorotridecanoic acid (PFTrDA)	0.54		0.18	0.091	ug/Kg	1	☼	1633A	Total/NA
Aluminum	8920		19.6	5.4	mg/Kg	1	☼	6020B	Total/NA
Antimony	0.23	J	0.98	0.14	mg/Kg	1	☼	6020B	Total/NA
Arsenic	4.7		0.98	0.10	mg/Kg	1	☼	6020B	Total/NA
Barium	78.3		2.0	0.14	mg/Kg	1	☼	6020B	Total/NA
Beryllium	0.61		0.39	0.022	mg/Kg	1	☼	6020B	Total/NA
Calcium	1520		98.0	9.5	mg/Kg	1	☼	6020B	Total/NA
Chromium	19.6		2.0	0.29	mg/Kg	1	☼	6020B	Total/NA
Cobalt	8.4		0.98	0.14	mg/Kg	1	☼	6020B	Total/NA
Copper	23.8		2.0	0.36	mg/Kg	1	☼	6020B	Total/NA
Iron	20700		58.8	7.5	mg/Kg	1	☼	6020B	Total/NA
Lead	17.7		0.59	0.20	mg/Kg	1	☼	6020B	Total/NA
Magnesium	3760		98.0	10	mg/Kg	1	☼	6020B	Total/NA
Manganese	497		3.9	0.39	mg/Kg	1	☼	6020B	Total/NA

This Detection Summary does not include radiochemical test results.

Client Sample ID: 8B_5-10 (Continued) — Lab Sample ID: 460-336212-10

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Nickel	17.8		2.0	0.17	mg/Kg	1	☼	6020B	Total/NA
Potassium	1490		98.0	15.9	mg/Kg	1	☼	6020B	Total/NA
Sodium	99.3		98.0	44.8	mg/Kg	1	☼	6020B	Total/NA
Thallium	0.14	J	0.39	0.040	mg/Kg	1	☼	6020B	Total/NA
Vanadium	25.9		2.0	0.20	mg/Kg	1	☼	6020B	Total/NA
Zinc	47.9		7.8	1.1	mg/Kg	1	☼	6020B	Total/NA
Mercury	0.013	J	0.019	0.0088	mg/Kg	1	☼	7471B	Total/NA

Client Sample ID: 6A_0-6 — Lab Sample ID: 460-336212-11

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Perfluorononanoic acid (PFNA)	0.30		0.20	0.10	ug/Kg	1	☼	1633A	Total/NA
Perfluorodecanoic acid (PFDA)	0.082	J	0.20	0.060	ug/Kg	1	☼	1633A	Total/NA
Perfluoroundecanoic acid (PFUnA)	7.06		0.20	0.10	ug/Kg	1	☼	1633A	Total/NA
Perfluorododecanoic acid (PFDoA)	0.33		0.20	0.10	ug/Kg	1	☼	1633A	Total/NA
Perfluorotridecanoic acid (PFTrDA)	7.10		0.20	0.10	ug/Kg	1	☼	1633A	Total/NA
Perfluorotetradecanoic acid (PFTeDA)	0.11	J	0.20	0.10	ug/Kg	1	☼	1633A	Total/NA
1H,1H,2H,2H-Perfluorodecane sulfonic acid (8:2 FTS)	0.40		0.40	0.20	ug/Kg	1	☼	1633A	Total/NA
Aluminum	10500		19.5	5.4	mg/Kg	1	☼	6020B	Total/NA
Antimony	0.69	J	0.98	0.14	mg/Kg	1	☼	6020B	Total/NA
Arsenic	6.6		0.98	0.10	mg/Kg	1	☼	6020B	Total/NA
Barium	56.9		2.0	0.14	mg/Kg	1	☼	6020B	Total/NA
Beryllium	0.75		0.39	0.021	mg/Kg	1	☼	6020B	Total/NA
Cadmium	0.25	J	0.98	0.11	mg/Kg	1	☼	6020B	Total/NA
Calcium	1610		97.5	9.5	mg/Kg	1	☼	6020B	Total/NA
Chromium	27.4		2.0	0.29	mg/Kg	1	☼	6020B	Total/NA
Cobalt	11.0		0.98	0.14	mg/Kg	1	☼	6020B	Total/NA
Copper	49.9		2.0	0.36	mg/Kg	1	☼	6020B	Total/NA
Iron	25300		58.5	7.5	mg/Kg	1	☼	6020B	Total/NA
Lead	93.7		0.59	0.20	mg/Kg	1	☼	6020B	Total/NA
Magnesium	3230		97.5	9.9	mg/Kg	1	☼	6020B	Total/NA
Manganese	283		3.9	0.39	mg/Kg	1	☼	6020B	Total/NA
Nickel	26.6		2.0	0.17	mg/Kg	1	☼	6020B	Total/NA
Potassium	1210		97.5	15.8	mg/Kg	1	☼	6020B	Total/NA
Selenium	0.40	J	1.2	0.12	mg/Kg	1	☼	6020B	Total/NA
Silver	0.19	J	0.39	0.087	mg/Kg	1	☼	6020B	Total/NA
Sodium	108		97.5	44.6	mg/Kg	1	☼	6020B	Total/NA
Thallium	0.12	J	0.39	0.040	mg/Kg	1	☼	6020B	Total/NA
Vanadium	29.7		2.0	0.20	mg/Kg	1	☼	6020B	Total/NA
Zinc	143		7.8	1.1	mg/Kg	1	☼	6020B	Total/NA
Mercury	0.037		0.017	0.0079	mg/Kg	1	☼	7471B	Total/NA

Client Sample ID: 6A_6-12 — Lab Sample ID: 460-336212-12

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Perfluorooctanoic acid (PFOA)	0.059	J	0.19	0.057	ug/Kg	1	☼	1633A	Total/NA
Perfluorononanoic acid (PFNA)	0.33		0.19	0.095	ug/Kg	1	☼	1633A	Total/NA
Perfluoroundecanoic acid (PFUnA)	2.37		0.19	0.095	ug/Kg	1	☼	1633A	Total/NA
Perfluorododecanoic acid (PFDoA)	0.20		0.19	0.095	ug/Kg	1	☼	1633A	Total/NA
Perfluorotridecanoic acid (PFTrDA)	5.96		0.19	0.095	ug/Kg	1	☼	1633A	Total/NA
Perfluorotetradecanoic acid (PFTeDA)	0.11	J	0.19	0.095	ug/Kg	1	☼	1633A	Total/NA

This Detection Summary does not include radiochemical test results.

Client Sample ID: 6A_6-12 (Continued)

Lab Sample ID: 460-336212-12

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
1H,1H,2H,2H-Perfluorodecane sulfonic acid (8:2 FTS)	0.35	J	0.38	0.19	ug/Kg	1	☼	1633A	Total/NA
Aluminum	10500		20.1	5.5	mg/Kg	1	☼	6020B	Total/NA
Antimony	0.72	J	1.0	0.15	mg/Kg	1	☼	6020B	Total/NA
Arsenic	6.7		1.0	0.10	mg/Kg	1	☼	6020B	Total/NA
Barium	59.0		2.0	0.15	mg/Kg	1	☼	6020B	Total/NA
Beryllium	0.82		0.40	0.022	mg/Kg	1	☼	6020B	Total/NA
Cadmium	0.28	J	1.0	0.11	mg/Kg	1	☼	6020B	Total/NA
Calcium	1800		101	9.8	mg/Kg	1	☼	6020B	Total/NA
Chromium	30.8		2.0	0.30	mg/Kg	1	☼	6020B	Total/NA
Cobalt	12.0		1.0	0.15	mg/Kg	1	☼	6020B	Total/NA
Copper	59.8		2.0	0.37	mg/Kg	1	☼	6020B	Total/NA
Iron	26400		60.4	7.7	mg/Kg	1	☼	6020B	Total/NA
Lead	123		0.60	0.20	mg/Kg	1	☼	6020B	Total/NA
Magnesium	3540		101	10.3	mg/Kg	1	☼	6020B	Total/NA
Manganese	304		4.0	0.41	mg/Kg	1	☼	6020B	Total/NA
Nickel	33.1		2.0	0.18	mg/Kg	1	☼	6020B	Total/NA
Potassium	1280		101	16.3	mg/Kg	1	☼	6020B	Total/NA
Selenium	0.36	J	1.3	0.13	mg/Kg	1	☼	6020B	Total/NA
Silver	0.18	J	0.40	0.090	mg/Kg	1	☼	6020B	Total/NA
Sodium	107		101	46.0	mg/Kg	1	☼	6020B	Total/NA
Thallium	0.14	J	0.40	0.041	mg/Kg	1	☼	6020B	Total/NA
Vanadium	30.9		2.0	0.21	mg/Kg	1	☼	6020B	Total/NA
Zinc	159		8.1	1.1	mg/Kg	1	☼	6020B	Total/NA
Mercury	0.030		0.019	0.0088	mg/Kg	1	☼	7471B	Total/NA

Client Sample ID: 6B_0-6

Lab Sample ID: 460-336212-13

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Perfluoroheptanoic acid (PFHpA)	0.12	J	0.19	0.096	ug/Kg	1	☼	1633A	Total/NA
Perfluorooctanoic acid (PFOA)	0.11	J	0.19	0.058	ug/Kg	1	☼	1633A	Total/NA
Perfluorononanoic acid (PFNA)	0.46		0.19	0.096	ug/Kg	1	☼	1633A	Total/NA
Perfluorodecanoic acid (PFDA)	0.41		0.19	0.058	ug/Kg	1	☼	1633A	Total/NA
Perfluoroundecanoic acid (PFUnA)	7.64		0.19	0.096	ug/Kg	1	☼	1633A	Total/NA
Perfluorododecanoic acid (PFDoA)	0.38		0.19	0.096	ug/Kg	1	☼	1633A	Total/NA
Perfluorotridecanoic acid (PFTrDA)	5.19		0.19	0.096	ug/Kg	1	☼	1633A	Total/NA
1H,1H,2H,2H-Perfluorodecane sulfonic acid (8:2 FTS)	0.81		0.38	0.19	ug/Kg	1	☼	1633A	Total/NA
Aluminum	8690		20.2	5.5	mg/Kg	1	☼	6020B	Total/NA
Antimony	0.44	J	1.0	0.15	mg/Kg	1	☼	6020B	Total/NA
Arsenic	6.1		1.0	0.10	mg/Kg	1	☼	6020B	Total/NA
Barium	80.1		2.0	0.15	mg/Kg	1	☼	6020B	Total/NA
Beryllium	1.1		0.40	0.022	mg/Kg	1	☼	6020B	Total/NA
Cadmium	0.27	J	1.0	0.11	mg/Kg	1	☼	6020B	Total/NA
Calcium	2020		101	9.8	mg/Kg	1	☼	6020B	Total/NA
Chromium	25.5		2.0	0.30	mg/Kg	1	☼	6020B	Total/NA
Cobalt	13.0		1.0	0.15	mg/Kg	1	☼	6020B	Total/NA
Copper	86.2		2.0	0.37	mg/Kg	1	☼	6020B	Total/NA
Iron	22000		60.5	7.7	mg/Kg	1	☼	6020B	Total/NA
Lead	111		0.60	0.20	mg/Kg	1	☼	6020B	Total/NA
Magnesium	2920		101	10.3	mg/Kg	1	☼	6020B	Total/NA
Manganese	358		4.0	0.41	mg/Kg	1	☼	6020B	Total/NA

This Detection Summary does not include radiochemical test results.

Client Sample ID: 6B_0-6 (Continued) — Lab Sample ID: 460-336212-13

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Nickel	43.3		2.0	0.18	mg/Kg	1	☼	6020B	Total/NA
Potassium	1340		101	16.3	mg/Kg	1	☼	6020B	Total/NA
Selenium	0.58	J	1.3	0.13	mg/Kg	1	☼	6020B	Total/NA
Silver	0.16	J	0.40	0.090	mg/Kg	1	☼	6020B	Total/NA
Sodium	111		101	46.0	mg/Kg	1	☼	6020B	Total/NA
Thallium	0.13	J	0.40	0.041	mg/Kg	1	☼	6020B	Total/NA
Vanadium	24.7		2.0	0.21	mg/Kg	1	☼	6020B	Total/NA
Zinc	317		8.1	1.1	mg/Kg	1	☼	6020B	Total/NA
Mercury	0.022		0.018	0.0084	mg/Kg	1	☼	7471B	Total/NA

Client Sample ID: 6B_6-12 — Lab Sample ID: 460-336212-14

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Perfluorohexanoic acid (PFHxA)	0.10	J	0.20	0.10	ug/Kg	1	☼	1633A	Total/NA
Perfluoroheptanoic acid (PFHpA)	0.29		0.20	0.10	ug/Kg	1	☼	1633A	Total/NA
Perfluorooctanoic acid (PFOA)	0.28		0.20	0.060	ug/Kg	1	☼	1633A	Total/NA
Perfluorononanoic acid (PFNA)	18.6		0.20	0.10	ug/Kg	1	☼	1633A	Total/NA
Perfluorodecanoic acid (PFDA)	0.81		0.20	0.060	ug/Kg	1	☼	1633A	Total/NA
Perfluorododecanoic acid (PFDoA)	0.63		0.20	0.10	ug/Kg	1	☼	1633A	Total/NA
Perfluorotridecanoic acid (PFTrDA)	24.8		0.20	0.10	ug/Kg	1	☼	1633A	Total/NA
Perfluorotetradecanoic acid (PFTeDA)	0.29		0.20	0.10	ug/Kg	1	☼	1633A	Total/NA
Perfluoroundecanoic acid (PFUnA) - DL	43.3		1.99	1.0	ug/Kg	10	☼	1633A	Total/NA
Aluminum	8930		20.7	5.7	mg/Kg	1	☼	6020B	Total/NA
Antimony	0.29	J	1.0	0.15	mg/Kg	1	☼	6020B	Total/NA
Arsenic	4.9		1.0	0.11	mg/Kg	1	☼	6020B	Total/NA
Barium	80.0		2.1	0.15	mg/Kg	1	☼	6020B	Total/NA
Beryllium	0.71		0.41	0.023	mg/Kg	1	☼	6020B	Total/NA
Cadmium	0.12	J	1.0	0.12	mg/Kg	1	☼	6020B	Total/NA
Calcium	1560		104	10.1	mg/Kg	1	☼	6020B	Total/NA
Chromium	19.3		2.1	0.31	mg/Kg	1	☼	6020B	Total/NA
Cobalt	8.0		1.0	0.15	mg/Kg	1	☼	6020B	Total/NA
Copper	29.6		2.1	0.38	mg/Kg	1	☼	6020B	Total/NA
Iron	19900		62.2	7.9	mg/Kg	1	☼	6020B	Total/NA
Lead	49.0		0.62	0.21	mg/Kg	1	☼	6020B	Total/NA
Magnesium	3390		104	10.6	mg/Kg	1	☼	6020B	Total/NA
Manganese	400		4.1	0.42	mg/Kg	1	☼	6020B	Total/NA
Nickel	19.8		2.1	0.18	mg/Kg	1	☼	6020B	Total/NA
Potassium	1450		104	16.8	mg/Kg	1	☼	6020B	Total/NA
Selenium	0.14	J	1.3	0.13	mg/Kg	1	☼	6020B	Total/NA
Sodium	108		104	47.4	mg/Kg	1	☼	6020B	Total/NA
Thallium	0.14	J	0.41	0.043	mg/Kg	1	☼	6020B	Total/NA
Vanadium	24.6		2.1	0.21	mg/Kg	1	☼	6020B	Total/NA
Zinc	68.1		8.3	1.1	mg/Kg	1	☼	6020B	Total/NA
Mercury	0.016	J	0.018	0.0085	mg/Kg	1	☼	7471B	Total/NA

Client Sample ID: 6C_0-6 — Lab Sample ID: 460-336212-15

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Perfluoroheptanoic acid (PFHpA)	0.11	J	0.19	0.095	ug/Kg	1	☼	1633A	Total/NA
Perfluorooctanoic acid (PFOA)	0.082	J	0.19	0.057	ug/Kg	1	☼	1633A	Total/NA
Perfluorononanoic acid (PFNA)	0.35		0.19	0.095	ug/Kg	1	☼	1633A	Total/NA

This Detection Summary does not include radiochemical test results.

Client Sample ID: 6C_0-6 (Continued)

Lab Sample ID: 460-336212-15

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Perfluorodecanoic acid (PFDA)	0.44		0.19	0.057	ug/Kg	1	☼	1633A	Total/NA
Perfluoroundecanoic acid (PFUnA)	3.07		0.19	0.095	ug/Kg	1	☼	1633A	Total/NA
Perfluorododecanoic acid (PFDoA)	0.18	J	0.19	0.095	ug/Kg	1	☼	1633A	Total/NA
Perfluorotridecanoic acid (PFTrDA)	1.26		0.19	0.095	ug/Kg	1	☼	1633A	Total/NA
1H,1H,2H,2H-Perfluorodecane sulfonic acid (8:2 FTS)	0.21	J	0.38	0.19	ug/Kg	1	☼	1633A	Total/NA
Aluminum	6620		18.9	5.2	mg/Kg	1	☼	6020B	Total/NA
Antimony	0.49	J	0.95	0.14	mg/Kg	1	☼	6020B	Total/NA
Arsenic	5.6		0.95	0.097	mg/Kg	1	☼	6020B	Total/NA
Barium	49.1		1.9	0.14	mg/Kg	1	☼	6020B	Total/NA
Beryllium	0.74		0.38	0.021	mg/Kg	1	☼	6020B	Total/NA
Cadmium	0.17	J	0.95	0.11	mg/Kg	1	☼	6020B	Total/NA
Calcium	1300		94.6	9.2	mg/Kg	1	☼	6020B	Total/NA
Chromium	20.3		1.9	0.28	mg/Kg	1	☼	6020B	Total/NA
Cobalt	6.3		0.95	0.14	mg/Kg	1	☼	6020B	Total/NA
Copper	40.9		1.9	0.35	mg/Kg	1	☼	6020B	Total/NA
Iron	16800		56.8	7.2	mg/Kg	1	☼	6020B	Total/NA
Lead	72.3		0.57	0.19	mg/Kg	1	☼	6020B	Total/NA
Magnesium	2300		94.6	9.7	mg/Kg	1	☼	6020B	Total/NA
Manganese	243		3.8	0.38	mg/Kg	1	☼	6020B	Total/NA
Nickel	18.3		1.9	0.17	mg/Kg	1	☼	6020B	Total/NA
Potassium	1100		94.6	15.3	mg/Kg	1	☼	6020B	Total/NA
Selenium	0.23	J	1.2	0.12	mg/Kg	1	☼	6020B	Total/NA
Silver	0.13	J	0.38	0.084	mg/Kg	1	☼	6020B	Total/NA
Sodium	73.0	J	94.6	43.3	mg/Kg	1	☼	6020B	Total/NA
Thallium	0.095	J	0.38	0.039	mg/Kg	1	☼	6020B	Total/NA
Vanadium	21.0		1.9	0.19	mg/Kg	1	☼	6020B	Total/NA
Zinc	107		7.6	1.0	mg/Kg	1	☼	6020B	Total/NA
Mercury	0.025		0.016	0.0076	mg/Kg	1	☼	7471B	Total/NA

Client Sample ID: 6C_6-12

Lab Sample ID: 460-336212-16

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Benzo[b]fluoranthene	0.013	J	0.036	0.0092	mg/Kg	1	☼	8270E	Total/NA
Benzo[k]fluoranthene	0.0070	J	0.036	0.0070	mg/Kg	1	☼	8270E	Total/NA
Fluoranthene	0.022	J	0.36	0.012	mg/Kg	1	☼	8270E	Total/NA
Pyrene	0.019	J	0.36	0.0089	mg/Kg	1	☼	8270E	Total/NA
Perfluoroundecanoic acid (PFUnA)	0.82		0.19	0.097	ug/Kg	1	☼	1633A	Total/NA
Perfluorotridecanoic acid (PFTrDA)	0.68		0.19	0.097	ug/Kg	1	☼	1633A	Total/NA
Aluminum	7620		20.1	5.5	mg/Kg	1	☼	6020B	Total/NA
Antimony	1.7		1.0	0.15	mg/Kg	1	☼	6020B	Total/NA
Arsenic	5.4		1.0	0.10	mg/Kg	1	☼	6020B	Total/NA
Barium	63.4		2.0	0.15	mg/Kg	1	☼	6020B	Total/NA
Beryllium	0.66		0.40	0.022	mg/Kg	1	☼	6020B	Total/NA
Cadmium	0.24	J	1.0	0.11	mg/Kg	1	☼	6020B	Total/NA
Calcium	1500		101	9.8	mg/Kg	1	☼	6020B	Total/NA
Chromium	20.0		2.0	0.30	mg/Kg	1	☼	6020B	Total/NA
Cobalt	8.4		1.0	0.15	mg/Kg	1	☼	6020B	Total/NA
Copper	154		2.0	0.37	mg/Kg	1	☼	6020B	Total/NA
Iron	19200		60.4	7.7	mg/Kg	1	☼	6020B	Total/NA
Lead	123		0.60	0.20	mg/Kg	1	☼	6020B	Total/NA
Magnesium	2880		101	10.3	mg/Kg	1	☼	6020B	Total/NA

This Detection Summary does not include radiochemical test results.

Client Sample ID: 6C_6-12 (Continued) — Lab Sample ID: 460-336212-16

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Manganese	284		4.0	0.41	mg/Kg	1	☼	6020B	Total/NA
Nickel	49.8		2.0	0.18	mg/Kg	1	☼	6020B	Total/NA
Potassium	1310		101	16.3	mg/Kg	1	☼	6020B	Total/NA
Selenium	0.35	J	1.3	0.13	mg/Kg	1	☼	6020B	Total/NA
Silver	1.7		0.40	0.090	mg/Kg	1	☼	6020B	Total/NA
Sodium	97.3	J	101	46.0	mg/Kg	1	☼	6020B	Total/NA
Thallium	0.13	J	0.40	0.041	mg/Kg	1	☼	6020B	Total/NA
Vanadium	22.7		2.0	0.21	mg/Kg	1	☼	6020B	Total/NA
Zinc	117		8.1	1.1	mg/Kg	1	☼	6020B	Total/NA
Mercury	0.024		0.017	0.0080	mg/Kg	1	☼	7471B	Total/NA

Client Sample ID: 60A1_1-2 — Lab Sample ID: 460-336212-17

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Methylene Chloride	0.0035		0.0023	0.0013	mg/Kg	1	☼	8260D	Total/NA

Client Sample ID: 60A2_2-3 — Lab Sample ID: 460-336212-18

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
1,2,4-Trimethylbenzene	0.00076	J	0.0013	0.00032	mg/Kg	1	☼	8260D	Total/NA
1,3,5-Trimethylbenzene	0.00051	J	0.0013	0.00041	mg/Kg	1	☼	8260D	Total/NA
Methylene Chloride	0.0058		0.0026	0.0015	mg/Kg	1	☼	8260D	Total/NA

Client Sample ID: 60A3_7-8 — Lab Sample ID: 460-336212-19

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Methylene Chloride	0.0026		0.0019	0.0011	mg/Kg	1	☼	8260D	Total/NA

Client Sample ID: 60A1_3-4 — Lab Sample ID: 460-336212-20

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Methylene Chloride	0.0043		0.0024	0.0014	mg/Kg	1	☼	8260D	Total/NA

Client Sample ID: 60A2_4-5 — Lab Sample ID: 460-336212-21

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Methylene Chloride	0.0022		0.0018	0.0010	mg/Kg	1	☼	8260D	Total/NA

Client Sample ID: 60A3_5-6 — Lab Sample ID: 460-336212-22

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Methylene Chloride	0.0020	J	0.0021	0.0012	mg/Kg	1	☼	8260D	Total/NA

Client Sample ID: 60A1_6-7 — Lab Sample ID: 460-336212-23

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Methylene Chloride	0.0026		0.0023	0.0013	mg/Kg	1	☼	8260D	Total/NA

Client Sample ID: 43A1_1-2 — Lab Sample ID: 460-336212-24

No Detections.

Client Sample ID: 43A2_2-3 — Lab Sample ID: 460-336212-25

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Methylene Chloride	0.0034		0.0025	0.0015	mg/Kg	1	☼	8260D	Total/NA

This Detection Summary does not include radiochemical test results.

Detection Summary

Client: Haley & Aldrich, Inc.
Project/Site: Former Port Mobil

Job ID: 460-336212-1

Client Sample ID: 43A3_3-4 — Lab Sample ID: 460-336212-26

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Methylene Chloride	0.0014	J	0.0020	0.0012	mg/Kg	1	☼	8260D	Total/NA

Client Sample ID: 43A1_4-5 — Lab Sample ID: 460-336212-27

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Methylene Chloride	0.0017	J	0.0026	0.0015	mg/Kg	1	☼	8260D	Total/NA

Client Sample ID: 43A2_5-6 — Lab Sample ID: 460-336212-28

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Methylene Chloride	0.0050		0.0026	0.0015	mg/Kg	1	☼	8260D	Total/NA

Client Sample ID: 43A3_6-7 — Lab Sample ID: 460-336212-29

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Methylene Chloride	0.0031		0.0015	0.00088	mg/Kg	1	☼	8260D	Total/NA

Client Sample ID: 43A2_7-8 — Lab Sample ID: 460-336212-30

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Methylene Chloride	0.0035		0.0022	0.0013	mg/Kg	1	☼	8260D	Total/NA

Client Sample ID: 43B1_1-2 — Lab Sample ID: 460-336212-31

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Methylene Chloride	0.0051		0.0026	0.0015	mg/Kg	1	☼	8260D	Total/NA

Client Sample ID: 43B2_2-3 — Lab Sample ID: 460-336212-32

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Methylene Chloride	0.0070		0.0032	0.0018	mg/Kg	1	☼	8260D	Total/NA

Client Sample ID: 43B3_3-4 — Lab Sample ID: 460-336212-33

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Methylene Chloride	0.0013	J	0.0016	0.00090	mg/Kg	1	☼	8260D	Total/NA

Client Sample ID: 43B1_4-5 — Lab Sample ID: 460-336212-34

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Methylene Chloride	0.0022		0.0020	0.0012	mg/Kg	1	☼	8260D	Total/NA

Client Sample ID: 43B2_5-6 — Lab Sample ID: 460-336212-35

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Methylene Chloride	0.0027		0.0022	0.0012	mg/Kg	1	☼	8260D	Total/NA

Client Sample ID: 43B3_6-7 — Lab Sample ID: 460-336212-36

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Methylene Chloride	0.0017	J	0.0018	0.0010	mg/Kg	1	☼	8260D	Total/NA

Client Sample ID: 43B1_7-8 — Lab Sample ID: 460-336212-37

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Methylene Chloride	0.0017	J	0.0025	0.0014	mg/Kg	1	☼	8260D	Total/NA

This Detection Summary does not include radiochemical test results.

Detection Summary

Client: Haley & Aldrich, Inc.
Project/Site: Former Port Mobil

Job ID: 460-336212-1

Client Sample ID: 8B1_1-2 — Lab Sample ID: 460-336212-38

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Methylene Chloride	0.0061		0.0025	0.0014	mg/Kg	1	☼	8260D	Total/NA

Client Sample ID: 8B2_2-3 — Lab Sample ID: 460-336212-39

No Detections.

Client Sample ID: 8B3_4-5 — Lab Sample ID: 460-336212-40

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Methylene Chloride	0.0041		0.0022	0.0012	mg/Kg	1	☼	8260D	Total/NA

Client Sample ID: 8B1_5-6 — Lab Sample ID: 460-336212-41

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Methylene Chloride	0.0054		0.0027	0.0016	mg/Kg	1	☼	8260D	Total/NA

Client Sample ID: 8B2_6-7 — Lab Sample ID: 460-336212-42

No Detections.

Client Sample ID: 8B3_8-9 — Lab Sample ID: 460-336212-43

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Methylene Chloride	0.0022		0.0019	0.0011	mg/Kg	1	☼	8260D	Total/NA

Client Sample ID: 8B2_9-10 — Lab Sample ID: 460-336212-44

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Methylene Chloride	0.0014		0.0011	0.00062	mg/Kg	1	☼	8260D	Total/NA

Client Sample ID: 8A1_1-2 — Lab Sample ID: 460-336212-45

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Methylene Chloride	0.0026		0.0015	0.00088	mg/Kg	1	☼	8260D	Total/NA

Client Sample ID: 8A2_2-3 — Lab Sample ID: 460-336212-46

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Methylene Chloride	0.0048		0.0019	0.0011	mg/Kg	1	☼	8260D	Total/NA
m-Xylene & p-Xylene	0.00045	J	0.00095	0.00040	mg/Kg	1	☼	8260D	Total/NA
Xylenes, Total	0.00045	J	0.0019	0.00017	mg/Kg	1	☼	8260D	Total/NA

Client Sample ID: 8A3_4-5 — Lab Sample ID: 460-336212-47

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Methylene Chloride	0.0030		0.0022	0.0012	mg/Kg	1	☼	8260D	Total/NA

Client Sample ID: 8A1_5-6 — Lab Sample ID: 460-336212-48

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Methylene Chloride	0.0039		0.0019	0.0011	mg/Kg	1	☼	8260D	Total/NA

Client Sample ID: 8A2_7-8 — Lab Sample ID: 460-336212-49

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Methylene Chloride	0.0029		0.0029	0.0017	mg/Kg	1	☼	8260D	Total/NA

This Detection Summary does not include radiochemical test results.

Detection Summary

Client: Haley & Aldrich, Inc.
Project/Site: Former Port Mobil

Job ID: 460-336212-1

Client Sample ID: 8A3_8-9 — Lab Sample ID: 460-336212-50

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Methylene Chloride	0.0034		0.0022	0.0012	mg/Kg	1	☼	8260D	Total/NA

Client Sample ID: 8A1_9-10 — Lab Sample ID: 460-336212-51

No Detections.

Client Sample ID: 6A1_1-2 — Lab Sample ID: 460-336212-52

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Methylene Chloride	0.0034		0.0027	0.0016	mg/Kg	1	☼	8260D	Total/NA

Client Sample ID: 6A2_2-3 — Lab Sample ID: 460-336212-53

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Methylene Chloride	0.0033		0.0019	0.0011	mg/Kg	1	☼	8260D	Total/NA

Client Sample ID: 6A3_4-5 — Lab Sample ID: 460-336212-54

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Methylene Chloride	0.0022		0.0012	0.00069	mg/Kg	1	☼	8260D	Total/NA

Client Sample ID: 6A1_5-6 — Lab Sample ID: 460-336212-55

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Methylene Chloride	0.0039		0.0022	0.0013	mg/Kg	1	☼	8260D	Total/NA

Client Sample ID: 6A2_7-8 — Lab Sample ID: 460-336212-56

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Methylene Chloride	0.0015	J	0.0026	0.0015	mg/Kg	1	☼	8260D	Total/NA

Client Sample ID: 6A3_9-10 — Lab Sample ID: 460-336212-57

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Methylene Chloride	0.0043		0.0023	0.0013	mg/Kg	1	☼	8260D	Total/NA

Client Sample ID: 6A1_10-11 — Lab Sample ID: 460-336212-58

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Methylene Chloride	0.0044		0.0021	0.0012	mg/Kg	1	☼	8260D	Total/NA

Client Sample ID: 6B1_1-2 — Lab Sample ID: 460-336212-59

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Methylene Chloride	0.0019	J	0.0022	0.0013	mg/Kg	1	☼	8260D	Total/NA

Client Sample ID: 6B2_3-4 — Lab Sample ID: 460-336212-60

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Methylene Chloride	0.0027		0.0019	0.0011	mg/Kg	1	☼	8260D	Total/NA

Client Sample ID: 6B3_2-3 — Lab Sample ID: 460-336212-61

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Methylene Chloride	0.0012	J	0.0017	0.00095	mg/Kg	1	☼	8260D	Total/NA

This Detection Summary does not include radiochemical test results.

Detection Summary

Client: Haley & Aldrich, Inc.
Project/Site: Former Port Mobil

Job ID: 460-336212-1

Client Sample ID: 6B1_5-6 — Lab Sample ID: 460-336212-62

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Acetone	0.23		0.0071	0.0067	mg/Kg	1	☼	8260D	Total/NA
Methylene Chloride	0.0039		0.0024	0.0013	mg/Kg	1	☼	8260D	Total/NA

Client Sample ID: 6B2_6-7 — Lab Sample ID: 460-336212-63

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Methylene Chloride	0.0051		0.0030	0.0017	mg/Kg	1	☼	8260D	Total/NA

Client Sample ID: 6B3_8-9 — Lab Sample ID: 460-336212-64

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Methylene Chloride	0.0073		0.0027	0.0015	mg/Kg	1	☼	8260D	Total/NA

Client Sample ID: 6B1_9-10 — Lab Sample ID: 460-336212-65

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Methylene Chloride	0.0023	J	0.0024	0.0014	mg/Kg	1	☼	8260D	Total/NA

Client Sample ID: 6C1_1-2 — Lab Sample ID: 460-336212-66

No Detections.

Client Sample ID: 6C2_2-3 — Lab Sample ID: 460-336212-67

No Detections.

Client Sample ID: 6C3_4-5 — Lab Sample ID: 460-336212-68

No Detections.

Client Sample ID: 6C1_5-6 — Lab Sample ID: 460-336212-69

No Detections.

Client Sample ID: 6C2_7-8 — Lab Sample ID: 460-336212-70

No Detections.

Client Sample ID: 6C3_9-10 — Lab Sample ID: 460-336212-71

No Detections.

Client Sample ID: 6C2_10-11 — Lab Sample ID: 460-336212-72

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Methylene Chloride	0.0020		0.0017	0.00097	mg/Kg	1	☼	8260D	Total/NA

This Detection Summary does not include radiochemical test results.

Client Sample ID: 60A_0-4
Date Collected: 10/01/25 08:20
Date Received: 10/01/25 16:15

Lab Sample ID: 460-336212-1
Matrix: Solid
Percent Solids: 93.2

Method: SW846 8270E - Semivolatile Organic Compounds (GC/MS)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1'-Biphenyl	0.35	U	0.35	0.012	mg/Kg	☼	10/02/25 18:11	10/04/25 03:22	1
1,2,4,5-Tetrachlorobenzene	0.35	U	0.35	0.011	mg/Kg	☼	10/02/25 18:11	10/04/25 03:22	1
1,4-Dioxane	0.035	U	0.035	0.031	mg/Kg	☼	10/02/25 18:11	10/04/25 03:22	1
2,2'-oxybis[1-chloropropane]	0.35	U	0.35	0.021	mg/Kg	☼	10/02/25 18:11	10/04/25 03:22	1
2,3,4,6-Tetrachlorophenol	0.35	U	0.35	0.024	mg/Kg	☼	10/02/25 18:11	10/04/25 03:22	1
2,4,5-Trichlorophenol	0.35	U	0.35	0.036	mg/Kg	☼	10/02/25 18:11	10/04/25 03:22	1
2,4,6-Trichlorophenol	0.14	U	0.14	0.046	mg/Kg	☼	10/02/25 18:11	10/04/25 03:22	1
2,4-Dichlorophenol	0.14	U	0.14	0.023	mg/Kg	☼	10/02/25 18:11	10/04/25 03:22	1
2,4-Dimethylphenol	0.35	U	0.35	0.042	mg/Kg	☼	10/02/25 18:11	10/04/25 03:22	1
2,4-Dinitrophenol	0.29	U	0.29	0.17	mg/Kg	☼	10/02/25 18:11	10/04/25 03:22	1
2,4-Dinitrotoluene	0.072	U	0.072	0.038	mg/Kg	☼	10/02/25 18:11	10/04/25 03:22	1
2,6-Dinitrotoluene	0.072	U	0.072	0.026	mg/Kg	☼	10/02/25 18:11	10/04/25 03:22	1
2-Chloronaphthalene	0.35	U	0.35	0.046	mg/Kg	☼	10/02/25 18:11	10/04/25 03:22	1
2-Chlorophenol	0.35	U	0.35	0.013	mg/Kg	☼	10/02/25 18:11	10/04/25 03:22	1
2-Methylnaphthalene	**0.021**	**J**	0.35	0.0099	mg/Kg	☼	10/02/25 18:11	10/04/25 03:22	1
2-Methylphenol	0.35	U	0.35	0.013	mg/Kg	☼	10/02/25 18:11	10/04/25 03:22	1
2-Nitroaniline	0.35	U	0.35	0.027	mg/Kg	☼	10/02/25 18:11	10/04/25 03:22	1
2-Nitrophenol	0.35	U	0.35	0.036	mg/Kg	☼	10/02/25 18:11	10/04/25 03:22	1
3 & 4 Methylphenol	0.35	U	0.35	0.022	mg/Kg	☼	10/02/25 18:11	10/04/25 03:22	1
3,3'-Dichlorobenzidine	0.14	U	0.14	0.054	mg/Kg	☼	10/02/25 18:11	10/04/25 03:22	1
3-Nitroaniline	0.35	U	0.35	0.084	mg/Kg	☼	10/02/25 18:11	10/04/25 03:22	1
4,6-Dinitro-2-methylphenol	0.29	U	0.29	0.14	mg/Kg	☼	10/02/25 18:11	10/04/25 03:22	1
4-Bromophenyl phenyl ether	0.35	U	0.35	0.014	mg/Kg	☼	10/02/25 18:11	10/04/25 03:22	1
4-Chloro-3-methylphenol	0.35	U	0.35	0.020	mg/Kg	☼	10/02/25 18:11	10/04/25 03:22	1
4-Chloroaniline	0.35	U	0.35	0.063	mg/Kg	☼	10/02/25 18:11	10/04/25 03:22	1
4-Chlorophenyl phenyl ether	0.35	U	0.35	0.013	mg/Kg	☼	10/02/25 18:11	10/04/25 03:22	1
4-Methylphenol	0.35	U	0.35	0.022	mg/Kg	☼	10/02/25 18:11	10/04/25 03:22	1
4-Nitroaniline	0.35	U	0.35	0.090	mg/Kg	☼	10/02/25 18:11	10/04/25 03:22	1
4-Nitrophenol	0.72	U	0.72	0.058	mg/Kg	☼	10/02/25 18:11	10/04/25 03:22	1
Acenaphthene	**0.022**	**J**	0.35	0.010	mg/Kg	☼	10/02/25 18:11	10/04/25 03:22	1
Acenaphthylene	**0.27**	**J**	0.35	0.010	mg/Kg	☼	10/02/25 18:11	10/04/25 03:22	1
Acetophenone	0.35	U	0.35	0.017	mg/Kg	☼	10/02/25 18:11	10/04/25 03:22	1
Anthracene	**0.34**	**J**	0.35	0.011	mg/Kg	☼	10/02/25 18:11	10/04/25 03:22	1
Atrazine	0.14	U	0.14	0.021	mg/Kg	☼	10/02/25 18:11	10/04/25 03:22	1
Benzaldehyde	0.35	U	0.35	0.059	mg/Kg	☼	10/02/25 18:11	10/04/25 03:22	1
Benzo[a]anthracene	**0.30**		0.035	0.027	mg/Kg	☼	10/02/25 18:11	10/04/25 03:22	1
Benzo[a]pyrene	**0.46**		0.035	0.0095	mg/Kg	☼	10/02/25 18:11	10/04/25 03:22	1
Benzo[b]fluoranthene	**0.55**		0.035	0.0092	mg/Kg	☼	10/02/25 18:11	10/04/25 03:22	1
Benzo[g,h,i]perylene	**0.39**		0.35	0.010	mg/Kg	☼	10/02/25 18:11	10/04/25 03:22	1
Benzo[k]fluoranthene	**0.18**		0.035	0.0070	mg/Kg	☼	10/02/25 18:11	10/04/25 03:22	1
Bis(2-chloroethoxy)methane	0.35	U	0.35	0.066	mg/Kg	☼	10/02/25 18:11	10/04/25 03:22	1
Bis(2-chloroethyl)ether	0.035	U	0.035	0.012	mg/Kg	☼	10/02/25 18:11	10/04/25 03:22	1
Bis(2-ethylhexyl) phthalate	0.35	U	0.35	0.019	mg/Kg	☼	10/02/25 18:11	10/04/25 03:22	1
Butyl benzyl phthalate	0.35	U	0.35	0.017	mg/Kg	☼	10/02/25 18:11	10/04/25 03:22	1
Caprolactam	0.35	U	0.35	0.055	mg/Kg	☼	10/02/25 18:11	10/04/25 03:22	1
Carbazole	**0.12**	**J**	0.35	0.014	mg/Kg	☼	10/02/25 18:11	10/04/25 03:22	1
Chrysene	**0.35**		0.35	0.015	mg/Kg	☼	10/02/25 18:11	10/04/25 03:22	1
Dibenz(a,h)anthracene	**0.069**		0.035	0.015	mg/Kg	☼	10/02/25 18:11	10/04/25 03:22	1
Dibenzofuran	**0.021**	**J**	0.35	0.012	mg/Kg	☼	10/02/25 18:11	10/04/25 03:22	1

Client Sample ID: 60A_0-4
Date Collected: 10/01/25 08:20
Date Received: 10/01/25 16:15

Lab Sample ID: 460-336212-1
Matrix: Solid
Percent Solids: 93.2

Method: SW846 8270E - Semivolatile Organic Compounds (GC/MS) (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Diethyl phthalate	0.35	U	0.35	0.011	mg/Kg	☼	10/02/25 18:11	10/04/25 03:22	1
Dimethyl phthalate	0.35	U	0.35	0.081	mg/Kg	☼	10/02/25 18:11	10/04/25 03:22	1
Di-n-butyl phthalate	0.35	U	0.35	0.013	mg/Kg	☼	10/02/25 18:11	10/04/25 03:22	1
Di-n-octyl phthalate	0.35	U	0.35	0.019	mg/Kg	☼	10/02/25 18:11	10/04/25 03:22	1
Fluoranthene	**0.58**		0.35	0.012	mg/Kg	☼	10/02/25 18:11	10/04/25 03:22	1
Fluorene	**0.042**	**J**	0.35	0.010	mg/Kg	☼	10/02/25 18:11	10/04/25 03:22	1
Hexachlorobenzene	0.035	U	0.035	0.017	mg/Kg	☼	10/02/25 18:11	10/04/25 03:22	1
Hexachlorobutadiene	0.072	U	0.072	0.0076	mg/Kg	☼	10/02/25 18:11	10/04/25 03:22	1
Hexachlorocyclopentadiene	0.35	U	0.35	0.031	mg/Kg	☼	10/02/25 18:11	10/04/25 03:22	1
Hexachloroethane	0.035	U	0.035	0.012	mg/Kg	☼	10/02/25 18:11	10/04/25 03:22	1
Indeno[1,2,3-cd]pyrene	**0.39**		0.035	0.014	mg/Kg	☼	10/02/25 18:11	10/04/25 03:22	1
Isophorone	0.14	U	0.14	0.10	mg/Kg	☼	10/02/25 18:11	10/04/25 03:22	1
Naphthalene	**0.041**	**J**	0.35	0.0061	mg/Kg	☼	10/02/25 18:11	10/04/25 03:22	1
Nitrobenzene	0.035	U	0.035	0.020	mg/Kg	☼	10/02/25 18:11	10/04/25 03:22	1
N-Nitrosodi-n-propylamine	0.035	U	0.035	0.026	mg/Kg	☼	10/02/25 18:11	10/04/25 03:22	1
N-Nitrosodiphenylamine	0.35	U	0.35	0.029	mg/Kg	☼	10/02/25 18:11	10/04/25 03:22	1
Pentachlorophenol	0.29	U	0.29	0.073	mg/Kg	☼	10/02/25 18:11	10/04/25 03:22	1
Phenanthrene	**0.34**	**J**	0.35	0.014	mg/Kg	☼	10/02/25 18:11	10/04/25 03:22	1
Phenol	0.35	U	0.35	0.013	mg/Kg	☼	10/02/25 18:11	10/04/25 03:22	1
Pyrene	**0.53**		0.35	0.0088	mg/Kg	☼	10/02/25 18:11	10/04/25 03:22	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
2,4,6-Tribromophenol (Surr)	*59*		*18 - 137*	*10/02/25 18:11*	*10/04/25 03:22*	*1*
2-Fluorobiphenyl	*61*		*33 - 117*	*10/02/25 18:11*	*10/04/25 03:22*	*1*
2-Fluorophenol (Surr)	*62*		*24 - 120*	*10/02/25 18:11*	*10/04/25 03:22*	*1*
Nitrobenzene-d5 (Surr)	*63*		*27 - 120*	*10/02/25 18:11*	*10/04/25 03:22*	*1*
Phenol-d5 (Surr)	*63*		*28 - 118*	*10/02/25 18:11*	*10/04/25 03:22*	*1*
Terphenyl-d14 (Surr)	*62*		*33 - 124*	*10/02/25 18:11*	*10/04/25 03:22*	*1*

Method: SW846 8081B - Organochlorine Pesticides (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
4,4'-DDD	0.0072	U	0.0072	0.0012	mg/Kg	☼	10/02/25 18:00	10/03/25 10:11	1
4,4'-DDE	0.0072	U	0.0072	0.00085	mg/Kg	☼	10/02/25 18:00	10/03/25 10:11	1
4,4'-DDT	0.0072	U	0.0072	0.0013	mg/Kg	☼	10/02/25 18:00	10/03/25 10:11	1
Aldrin	0.0072	U	0.0072	0.0011	mg/Kg	☼	10/02/25 18:00	10/03/25 10:11	1
alpha-BHC	0.0021	U	0.0021	0.00073	mg/Kg	☼	10/02/25 18:00	10/03/25 10:11	1
beta-BHC	0.0021	U	0.0021	0.00081	mg/Kg	☼	10/02/25 18:00	10/03/25 10:11	1
Chlordane (technical)	0.072	U	0.072	0.017	mg/Kg	☼	10/02/25 18:00	10/03/25 10:11	1
cis-Chlordane	0.0072	U	0.0072	0.0011	mg/Kg	☼	10/02/25 18:00	10/03/25 10:11	1
delta-BHC	0.0021	U	0.0021	0.00044	mg/Kg	☼	10/02/25 18:00	10/03/25 10:11	1
Dieldrin	0.0021	U	0.0021	0.00093	mg/Kg	☼	10/02/25 18:00	10/03/25 10:11	1
Endosulfan I	0.0072	U	0.0072	0.0011	mg/Kg	☼	10/02/25 18:00	10/03/25 10:11	1
Endosulfan II	0.0072	U	0.0072	0.0018	mg/Kg	☼	10/02/25 18:00	10/03/25 10:11	1
Endosulfan sulfate	0.0072	U	0.0072	0.00090	mg/Kg	☼	10/02/25 18:00	10/03/25 10:11	1
Endrin	0.0072	U	0.0072	0.0010	mg/Kg	☼	10/02/25 18:00	10/03/25 10:11	1
Endrin aldehyde	0.0072	U	0.0072	0.0017	mg/Kg	☼	10/02/25 18:00	10/03/25 10:11	1
Endrin ketone	0.0072	U	0.0072	0.0014	mg/Kg	☼	10/02/25 18:00	10/03/25 10:11	1
gamma-BHC (Lindane)	0.0021	U	0.0021	0.00067	mg/Kg	☼	10/02/25 18:00	10/03/25 10:11	1
Heptachlor	0.0072	U	0.0072	0.00085	mg/Kg	☼	10/02/25 18:00	10/03/25 10:11	1
Heptachlor epoxide	0.0072	U	0.0072	0.0011	mg/Kg	☼	10/02/25 18:00	10/03/25 10:11	1

Client Sample ID: 60A_0-4
Date Collected: 10/01/25 08:20
Date Received: 10/01/25 16:15

Lab Sample ID: 460-336212-1
Matrix: Solid
Percent Solids: 93.2

Method: SW846 8081B - Organochlorine Pesticides (GC) (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Methoxychlor	0.0072	U	0.0072	0.0016	mg/Kg	☼	10/02/25 18:00	10/03/25 10:11	1
Toxaphene	0.072	U	0.072	0.026	mg/Kg	☼	10/02/25 18:00	10/03/25 10:11	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
DCB Decachlorobiphenyl	*93*		*10 - 150*	*10/02/25 18:00*	*10/03/25 10:11*	*1*
DCB Decachlorobiphenyl	*111*		*10 - 150*	*10/02/25 18:00*	*10/03/25 10:11*	*1*
Tetrachloro-m-xylene	*92*		*14 - 150*	*10/02/25 18:00*	*10/03/25 10:11*	*1*
Tetrachloro-m-xylene	*90*		*14 - 150*	*10/02/25 18:00*	*10/03/25 10:11*	*1*

Method: SW846 8082A - Polychlorinated Biphenyls (PCBs) by Gas Chromatography

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Aroclor 1016	0.072	U	0.072	0.019	mg/Kg	☼	10/02/25 17:41	10/03/25 15:37	1
Aroclor 1221	0.072	U	0.072	0.019	mg/Kg	☼	10/02/25 17:41	10/03/25 15:37	1
Aroclor 1232	0.072	U	0.072	0.019	mg/Kg	☼	10/02/25 17:41	10/03/25 15:37	1
Aroclor 1242	0.072	U	0.072	0.019	mg/Kg	☼	10/02/25 17:41	10/03/25 15:37	1
Aroclor 1248	0.072	U	0.072	0.019	mg/Kg	☼	10/02/25 17:41	10/03/25 15:37	1
Aroclor 1254	0.072	U	0.072	0.019	mg/Kg	☼	10/02/25 17:41	10/03/25 15:37	1
Aroclor 1260	0.072	U	0.072	0.019	mg/Kg	☼	10/02/25 17:41	10/03/25 15:37	1
Aroclor-1262	0.072	U	0.072	0.019	mg/Kg	☼	10/02/25 17:41	10/03/25 15:37	1
Aroclor 1268	0.072	U	0.072	0.019	mg/Kg	☼	10/02/25 17:41	10/03/25 15:37	1
Polychlorinated biphenyls, Total	0.072	U	0.072	0.019	mg/Kg	☼	10/02/25 17:41	10/03/25 15:37	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
DCB Decachlorobiphenyl	*117*		*10 - 150*	*10/02/25 17:41*	*10/03/25 15:37*	*1*
DCB Decachlorobiphenyl	*120*		*10 - 150*	*10/02/25 17:41*	*10/03/25 15:37*	*1*
Tetrachloro-m-xylene	*117*		*10 - 150*	*10/02/25 17:41*	*10/03/25 15:37*	*1*
Tetrachloro-m-xylene	*123*		*10 - 150*	*10/02/25 17:41*	*10/03/25 15:37*	*1*

Method: EPA 1633A - Per- and Polyfluoroalkyl Substances by LC/MS/MS, 1633A

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Perfluorobutanoic acid (PFBA)	0.39	U	0.39	0.098	ug/Kg	☼	10/07/25 14:14	10/07/25 22:58	1
Perfluoropentanoic acid (PFPeA)	0.20	U	0.20	0.098	ug/Kg	☼	10/07/25 14:14	10/07/25 22:58	1
Perfluorohexanoic acid (PFHxA)	0.20	U	0.20	0.098	ug/Kg	☼	10/07/25 14:14	10/07/25 22:58	1
Perfluoroheptanoic acid (PFHpA)	**0.11**	**J**	0.20	0.098	ug/Kg	☼	10/07/25 14:14	10/07/25 22:58	1
Perfluorooctanoic acid (PFOA)	**0.22**		0.20	0.059	ug/Kg	☼	10/07/25 14:14	10/07/25 22:58	1
Perfluorononanoic acid (PFNA)	**1.40**		0.20	0.098	ug/Kg	☼	10/07/25 14:14	10/07/25 22:58	1
Perfluorodecanoic acid (PFDA)	0.20	U	0.20	0.059	ug/Kg	☼	10/07/25 14:14	10/07/25 22:58	1
Perfluoroundecanoic acid (PFUnA)	**1.36**		0.20	0.098	ug/Kg	☼	10/07/25 14:14	10/07/25 22:58	1
Perfluorododecanoic acid (PFDoA)	**0.10**	**J**	0.20	0.098	ug/Kg	☼	10/07/25 14:14	10/07/25 22:58	1
Perfluorotridecanoic acid (PFTrDA)	**1.15**		0.20	0.098	ug/Kg	☼	10/07/25 14:14	10/07/25 22:58	1
Perfluorotetradecanoic acid (PFTeDA)	0.20	U	0.20	0.098	ug/Kg	☼	10/07/25 14:14	10/07/25 22:58	1
Perfluorobutanesulfonic acid (PFBS)	0.20	U	0.20	0.098	ug/Kg	☼	10/07/25 14:14	10/07/25 22:58	1
Perfluoropentanesulfonic acid (PFPeS)	0.20	U	0.20	0.098	ug/Kg	☼	10/07/25 14:14	10/07/25 22:58	1
Perfluorohexanesulfonic acid (PFHxS)	0.20	U	0.20	0.098	ug/Kg	☼	10/07/25 14:14	10/07/25 22:58	1
Perfluoroheptanesulfonic acid (PFHpS)	0.20	U	0.20	0.098	ug/Kg	☼	10/07/25 14:14	10/07/25 22:58	1
Perfluorooctanesulfonic acid (PFOS)	**0.12**	**J**	0.20	0.098	ug/Kg	☼	10/07/25 14:14	10/07/25 22:58	1

Client Sample ID: 60A_0-4
Date Collected: 10/01/25 08:20
Date Received: 10/01/25 16:15

Lab Sample ID: 460-336212-1
Matrix: Solid
Percent Solids: 93.2

Method: EPA 1633A - Per- and Polyfluoroalkyl Substances by LC/MS/MS, 1633A (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Perfluorononanesulfonic acid (PFNS)	0.20	U	0.20	0.098	ug/Kg	☼	10/07/25 14:14	10/07/25 22:58	1
Perfluorodecanesulfonic acid (PFDS)	0.20	U	0.20	0.098	ug/Kg	☼	10/07/25 14:14	10/07/25 22:58	1
Perfluorododecanesulfonic acid (PFDoS)	0.20	U	0.20	0.098	ug/Kg	☼	10/07/25 14:14	10/07/25 22:58	1
1H,1H,2H,2H-Perfluorohexane sulfonic acid (4:2 FTS)	0.39	U	0.39	0.20	ug/Kg	☼	10/07/25 14:14	10/07/25 22:58	1
1H,1H,2H,2H-Perfluorooctane sulfonic acid (6:2 FTS)	0.39	U	0.39	0.20	ug/Kg	☼	10/07/25 14:14	10/07/25 22:58	1
1H,1H,2H,2H-Perfluorodecane sulfonic acid (8:2 FTS)	0.39	U	0.39	0.20	ug/Kg	☼	10/07/25 14:14	10/07/25 22:58	1
Perfluorooctanesulfonamide (PFOSA)	0.20	U	0.20	0.098	ug/Kg	☼	10/07/25 14:14	10/07/25 22:58	1
N-methylperfluorooctane sulfonamide (NMeFOSA)	0.20	U	0.20	0.098	ug/Kg	☼	10/07/25 14:14	10/07/25 22:58	1
N-ethylperfluorooctane sulfonamide (NEtFOSA)	0.20	U	0.20	0.098	ug/Kg	☼	10/07/25 14:14	10/07/25 22:58	1
N-methylperfluorooctanesulfonamidoacetic acid (NMeFOSAA)	0.20	U	0.20	0.098	ug/Kg	☼	10/07/25 14:14	10/07/25 22:58	1
N-ethylperfluorooctanesulfonamidoacetic acid (NEtFOSAA)	0.20	U	0.20	0.098	ug/Kg	☼	10/07/25 14:14	10/07/25 22:58	1
N-methylperfluorooctane sulfonamidoethanol (NMeFOSE)	0.98	U	0.98	0.49	ug/Kg	☼	10/07/25 14:14	10/07/25 22:58	1
N-ethylperfluorooctane sulfonamidoethanol (NEtFOSE)	0.98	U	0.98	0.49	ug/Kg	☼	10/07/25 14:14	10/07/25 22:58	1
Hexafluoropropylene Oxide Dimer Acid (HFPO-DA)	0.20	U	0.20	0.098	ug/Kg	☼	10/07/25 14:14	10/07/25 22:58	1
4,8-Dioxa-3H-perfluorononanoic acid (ADONA)	0.20	U	0.20	0.098	ug/Kg	☼	10/07/25 14:14	10/07/25 22:58	1
Perfluoro-3-methoxypropanoic acid (PFMPA)	0.20	U	0.20	0.098	ug/Kg	☼	10/07/25 14:14	10/07/25 22:58	1
Perfluoro-4-methoxybutanoic acid (PFMBA)	0.20	U	0.20	0.098	ug/Kg	☼	10/07/25 14:14	10/07/25 22:58	1
Nonafluoro-3,6-dioxaheptanoic acid (NFDHA)	0.20	U	0.20	0.098	ug/Kg	☼	10/07/25 14:14	10/07/25 22:58	1
9-Chlorohexadecafluoro-3-oxanonane-1-sulfonic acid (9Cl-PF3ONS)	0.20	U	0.20	0.098	ug/Kg	☼	10/07/25 14:14	10/07/25 22:58	1
11-Chloroeicosafluoro-3-oxaundecane-1-sulfonic acid (11Cl-PF3OUdS)	0.20	U	0.20	0.098	ug/Kg	☼	10/07/25 14:14	10/07/25 22:58	1
Perfluoro (2-ethoxyethane) sulfonic acid (PFEESA)	0.20	U	0.20	0.098	ug/Kg	☼	10/07/25 14:14	10/07/25 22:58	1
3-Perfluoropropylpropanoic acid (3:3 FTCA)	0.39	U	0.39	0.20	ug/Kg	☼	10/07/25 14:14	10/07/25 22:58	1
3-Perfluoropentylpropanoic acid (5:3 FTCA)	0.98	U	0.98	0.49	ug/Kg	☼	10/07/25 14:14	10/07/25 22:58	1
3-Perfluoroheptylpropanoic acid (7:3 FTCA)	0.98	U	0.98	0.49	ug/Kg	☼	10/07/25 14:14	10/07/25 22:58	1

Isotope Dilution	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
13C4 PFBA	*108*		*8 - 130*	*10/07/25 14:14*	*10/07/25 22:58*	*1*
13C5 PFPeA	*112*		*35 - 130*	*10/07/25 14:14*	*10/07/25 22:58*	*1*
13C5 PFHxA	*99.1*		*40 - 130*	*10/07/25 14:14*	*10/07/25 22:58*	*1*
13C4 PFHpA	*109*		*40 - 130*	*10/07/25 14:14*	*10/07/25 22:58*	*1*
13C8 PFOA	*103*		*40 - 130*	*10/07/25 14:14*	*10/07/25 22:58*	*1*
13C9 PFNA	*103*		*40 - 130*	*10/07/25 14:14*	*10/07/25 22:58*	*1*
13C6 PFDA	*99.1*		*40 - 130*	*10/07/25 14:14*	*10/07/25 22:58*	*1*
13C7 PFUnA	*99.9*		*40 - 130*	*10/07/25 14:14*	*10/07/25 22:58*	*1*

Client Sample ID: 60A_0-4

Date Collected: 10/01/25 08:20
Date Received: 10/01/25 16:15

Lab Sample ID: 460-336212-1

Matrix: Solid
Percent Solids: 93.2

Method: EPA 1633A - Per- and Polyfluoroalkyl Substances by LC/MS/MS, 1633A (Continued)

Isotope Dilution	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
13C2 PFTeDA	90.7		20 - 130	10/07/25 14:14	10/07/25 22:58	1
13C3 PFBS	96.8		40 - 135	10/07/25 14:14	10/07/25 22:58	1
13C3 PFHxS	103		40 - 130	10/07/25 14:14	10/07/25 22:58	1
13C8 PFOS	103		40 - 130	10/07/25 14:14	10/07/25 22:58	1
13C8 FOSA	63.4		40 - 130	10/07/25 14:14	10/07/25 22:58	1
d3-NMeFOSAA	69.8		40 - 135	10/07/25 14:14	10/07/25 22:58	1
d5-NEtFOSAA	73.4		40 - 150	10/07/25 14:14	10/07/25 22:58	1
13C2 4:2 FTS	140		40 - 165	10/07/25 14:14	10/07/25 22:58	1
13C2 6:2 FTS	147		40 - 215	10/07/25 14:14	10/07/25 22:58	1
13C2 8:2 FTS	116		40 - 275	10/07/25 14:14	10/07/25 22:58	1
13C3 HFPO-DA	103		40 - 130	10/07/25 14:14	10/07/25 22:58	1
d7-N-MeFOSE-M	52.8		20 - 130	10/07/25 14:14	10/07/25 22:58	1
d9-N-EtFOSE-M	46.9		15 - 130	10/07/25 14:14	10/07/25 22:58	1
d5-NEtPFOSA	55.6		10 - 130	10/07/25 14:14	10/07/25 22:58	1
d3-NMePFOSA	59.4		10 - 130	10/07/25 14:14	10/07/25 22:58	1
13C2 PFDoA	99.4		40 - 130	10/07/25 14:14	10/07/25 22:58	1

Method: SW846 6020B - Metals (ICP/MS)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Aluminum	4910		21.5	5.9	mg/Kg	☼	10/07/25 06:40	10/07/25 17:04	1
Antimony	0.83	J	1.1	0.16	mg/Kg	☼	10/07/25 06:40	10/07/25 17:04	1
Arsenic	8.1		1.1	0.11	mg/Kg	☼	10/07/25 06:40	10/07/25 17:04	1
Barium	42.3		2.1	0.16	mg/Kg	☼	10/07/25 06:40	10/07/25 17:04	1
Beryllium	0.55		0.43	0.024	mg/Kg	☼	10/07/25 06:40	10/07/25 17:04	1
Cadmium	0.23	J	1.1	0.12	mg/Kg	☼	10/07/25 06:40	10/07/25 17:04	1
Calcium	874		107	10.4	mg/Kg	☼	10/07/25 06:40	10/07/25 17:04	1
Chromium	15.2		2.1	0.32	mg/Kg	☼	10/07/25 06:40	10/07/25 17:04	1
Cobalt	6.8		1.1	0.16	mg/Kg	☼	10/07/25 06:40	10/07/25 17:04	1
Copper	52.5		2.1	0.40	mg/Kg	☼	10/07/25 06:40	10/07/25 17:04	1
Iron	18200		64.4	8.2	mg/Kg	☼	10/07/25 06:40	10/07/25 17:04	1
Lead	97.9		0.64	0.21	mg/Kg	☼	10/07/25 06:40	10/07/25 17:04	1
Magnesium	1280		107	10.9	mg/Kg	☼	10/07/25 06:40	10/07/25 17:04	1
Manganese	171		4.3	0.43	mg/Kg	☼	10/07/25 06:40	10/07/25 17:04	1
Nickel	19.2		2.1	0.19	mg/Kg	☼	10/07/25 06:40	10/07/25 17:04	1
Potassium	778		107	17.4	mg/Kg	☼	10/07/25 06:40	10/07/25 17:04	1
Selenium	0.40	J	1.3	0.14	mg/Kg	☼	10/07/25 06:40	10/07/25 17:04	1
Silver	0.20	J	0.43	0.096	mg/Kg	☼	10/07/25 06:40	10/07/25 17:04	1
Sodium	80.6	J	107	49.1	mg/Kg	☼	10/07/25 06:40	10/07/25 17:04	1
Thallium	0.068	J	0.43	0.044	mg/Kg	☼	10/07/25 06:40	10/07/25 17:04	1
Vanadium	20.8		2.1	0.22	mg/Kg	☼	10/07/25 06:40	10/07/25 17:04	1
Zinc	122		8.6	1.2	mg/Kg	☼	10/07/25 06:40	10/07/25 17:04	1

Method: SW846 7471B - Mercury (CVAA)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	0.050		0.017	0.0079	mg/Kg	☼	10/09/25 01:39	10/09/25 08:04	1

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Percent Moisture (EPA Moisture)	6.8		1.0	1.0	%			10/06/25 16:57	1
Percent Solids (EPA Moisture)	93.2		1.0	1.0	%			10/06/25 16:57	1

Client Sample ID: 60A_4-8
Date Collected: 10/01/25 08:25
Date Received: 10/01/25 16:15

Lab Sample ID: 460-336212-2
Matrix: Solid
Percent Solids: 94.0

Method: SW846 8270E - Semivolatile Organic Compounds (GC/MS)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1'-Biphenyl	0.35	U	0.35	0.012	mg/Kg	☼	10/02/25 18:11	10/04/25 04:06	1
1,2,4,5-Tetrachlorobenzene	0.35	U	0.35	0.011	mg/Kg	☼	10/02/25 18:11	10/04/25 04:06	1
1,4-Dioxane	0.035	U	0.035	0.031	mg/Kg	☼	10/02/25 18:11	10/04/25 04:06	1
2,2'-oxybis[1-chloropropane]	0.35	U	0.35	0.021	mg/Kg	☼	10/02/25 18:11	10/04/25 04:06	1
2,3,4,6-Tetrachlorophenol	0.35	U	0.35	0.024	mg/Kg	☼	10/02/25 18:11	10/04/25 04:06	1
2,4,5-Trichlorophenol	0.35	U	0.35	0.036	mg/Kg	☼	10/02/25 18:11	10/04/25 04:06	1
2,4,6-Trichlorophenol	0.14	U	0.14	0.045	mg/Kg	☼	10/02/25 18:11	10/04/25 04:06	1
2,4-Dichlorophenol	0.14	U	0.14	0.023	mg/Kg	☼	10/02/25 18:11	10/04/25 04:06	1
2,4-Dimethylphenol	0.35	U	0.35	0.042	mg/Kg	☼	10/02/25 18:11	10/04/25 04:06	1
2,4-Dinitrophenol	0.28	U	0.28	0.17	mg/Kg	☼	10/02/25 18:11	10/04/25 04:06	1
2,4-Dinitrotoluene	0.071	U	0.071	0.038	mg/Kg	☼	10/02/25 18:11	10/04/25 04:06	1
2,6-Dinitrotoluene	0.071	U	0.071	0.025	mg/Kg	☼	10/02/25 18:11	10/04/25 04:06	1
2-Chloronaphthalene	0.35	U	0.35	0.045	mg/Kg	☼	10/02/25 18:11	10/04/25 04:06	1
2-Chlorophenol	0.35	U	0.35	0.013	mg/Kg	☼	10/02/25 18:11	10/04/25 04:06	1
2-Methylnaphthalene	**0.019**	**J**	0.35	0.0098	mg/Kg	☼	10/02/25 18:11	10/04/25 04:06	1
2-Methylphenol	0.35	U	0.35	0.013	mg/Kg	☼	10/02/25 18:11	10/04/25 04:06	1
2-Nitroaniline	0.35	U	0.35	0.027	mg/Kg	☼	10/02/25 18:11	10/04/25 04:06	1
2-Nitrophenol	0.35	U	0.35	0.035	mg/Kg	☼	10/02/25 18:11	10/04/25 04:06	1
3 & 4 Methylphenol	0.35	U	0.35	0.022	mg/Kg	☼	10/02/25 18:11	10/04/25 04:06	1
3,3'-Dichlorobenzidine	0.14	U	0.14	0.053	mg/Kg	☼	10/02/25 18:11	10/04/25 04:06	1
3-Nitroaniline	0.35	U	0.35	0.084	mg/Kg	☼	10/02/25 18:11	10/04/25 04:06	1
4,6-Dinitro-2-methylphenol	0.28	U	0.28	0.14	mg/Kg	☼	10/02/25 18:11	10/04/25 04:06	1
4-Bromophenyl phenyl ether	0.35	U	0.35	0.014	mg/Kg	☼	10/02/25 18:11	10/04/25 04:06	1
4-Chloro-3-methylphenol	0.35	U	0.35	0.020	mg/Kg	☼	10/02/25 18:11	10/04/25 04:06	1
4-Chloroaniline	0.35	U	0.35	0.062	mg/Kg	☼	10/02/25 18:11	10/04/25 04:06	1
4-Chlorophenyl phenyl ether	0.35	U	0.35	0.012	mg/Kg	☼	10/02/25 18:11	10/04/25 04:06	1
4-Methylphenol	0.35	U	0.35	0.022	mg/Kg	☼	10/02/25 18:11	10/04/25 04:06	1
4-Nitroaniline	0.35	U	0.35	0.089	mg/Kg	☼	10/02/25 18:11	10/04/25 04:06	1
4-Nitrophenol	0.71	U	0.71	0.057	mg/Kg	☼	10/02/25 18:11	10/04/25 04:06	1
Acenaphthene	**0.016**	**J**	0.35	0.010	mg/Kg	☼	10/02/25 18:11	10/04/25 04:06	1
Acenaphthylene	**0.21**	**J**	0.35	0.010	mg/Kg	☼	10/02/25 18:11	10/04/25 04:06	1
Acetophenone	0.35	U	0.35	0.017	mg/Kg	☼	10/02/25 18:11	10/04/25 04:06	1
Anthracene	**0.23**	**J**	0.35	0.011	mg/Kg	☼	10/02/25 18:11	10/04/25 04:06	1
Atrazine	0.14	U	0.14	0.021	mg/Kg	☼	10/02/25 18:11	10/04/25 04:06	1
Benzaldehyde	0.35	U	0.35	0.058	mg/Kg	☼	10/02/25 18:11	10/04/25 04:06	1
Benzo[a]anthracene	**0.21**		0.035	0.026	mg/Kg	☼	10/02/25 18:11	10/04/25 04:06	1
Benzo[a]pyrene	**0.35**		0.035	0.0094	mg/Kg	☼	10/02/25 18:11	10/04/25 04:06	1
Benzo[b]fluoranthene	**0.44**		0.035	0.0091	mg/Kg	☼	10/02/25 18:11	10/04/25 04:06	1
Benzo[g,h,i]perylene	**0.25**	**J**	0.35	0.010	mg/Kg	☼	10/02/25 18:11	10/04/25 04:06	1
Benzo[k]fluoranthene	**0.15**		0.035	0.0069	mg/Kg	☼	10/02/25 18:11	10/04/25 04:06	1
Bis(2-chloroethoxy)methane	0.35	U	0.35	0.065	mg/Kg	☼	10/02/25 18:11	10/04/25 04:06	1
Bis(2-chloroethyl)ether	0.035	U	0.035	0.012	mg/Kg	☼	10/02/25 18:11	10/04/25 04:06	1
Bis(2-ethylhexyl) phthalate	0.35	U	0.35	0.019	mg/Kg	☼	10/02/25 18:11	10/04/25 04:06	1
Butyl benzyl phthalate	0.35	U	0.35	0.017	mg/Kg	☼	10/02/25 18:11	10/04/25 04:06	1
Caprolactam	0.35	U	0.35	0.055	mg/Kg	☼	10/02/25 18:11	10/04/25 04:06	1
Carbazole	**0.065**	**J**	0.35	0.013	mg/Kg	☼	10/02/25 18:11	10/04/25 04:06	1
Chrysene	**0.25**	**J**	0.35	0.015	mg/Kg	☼	10/02/25 18:11	10/04/25 04:06	1
Dibenz(a,h)anthracene	**0.041**		0.035	0.015	mg/Kg	☼	10/02/25 18:11	10/04/25 04:06	1
Dibenzofuran	**0.013**	**J**	0.35	0.012	mg/Kg	☼	10/02/25 18:11	10/04/25 04:06	1

Client Sample ID: 60A_4-8
Date Collected: 10/01/25 08:25
Date Received: 10/01/25 16:15

Lab Sample ID: 460-336212-2
Matrix: Solid
Percent Solids: 94.0

Method: SW846 8270E - Semivolatile Organic Compounds (GC/MS) (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Diethyl phthalate	0.35	U	0.35	0.011	mg/Kg	☼	10/02/25 18:11	10/04/25 04:06	1
Dimethyl phthalate	0.35	U	0.35	0.080	mg/Kg	☼	10/02/25 18:11	10/04/25 04:06	1
Di-n-butyl phthalate	0.35	U	0.35	0.013	mg/Kg	☼	10/02/25 18:11	10/04/25 04:06	1
Di-n-octyl phthalate	0.35	U	0.35	0.019	mg/Kg	☼	10/02/25 18:11	10/04/25 04:06	1
Fluoranthene	**0.39**		0.35	0.012	mg/Kg	☼	10/02/25 18:11	10/04/25 04:06	1
Fluorene	**0.026**	**J**	0.35	0.010	mg/Kg	☼	10/02/25 18:11	10/04/25 04:06	1
Hexachlorobenzene	0.035	U	0.035	0.017	mg/Kg	☼	10/02/25 18:11	10/04/25 04:06	1
Hexachlorobutadiene	0.071	U	0.071	0.0075	mg/Kg	☼	10/02/25 18:11	10/04/25 04:06	1
Hexachlorocyclopentadiene	0.35	U	0.35	0.031	mg/Kg	☼	10/02/25 18:11	10/04/25 04:06	1
Hexachloroethane	0.035	U	0.035	0.012	mg/Kg	☼	10/02/25 18:11	10/04/25 04:06	1
Indeno[1,2,3-cd]pyrene	**0.23**		0.035	0.014	mg/Kg	☼	10/02/25 18:11	10/04/25 04:06	1
Isophorone	0.14	U	0.14	0.10	mg/Kg	☼	10/02/25 18:11	10/04/25 04:06	1
Naphthalene	**0.033**	**J**	0.35	0.0061	mg/Kg	☼	10/02/25 18:11	10/04/25 04:06	1
Nitrobenzene	0.035	U	0.035	0.020	mg/Kg	☼	10/02/25 18:11	10/04/25 04:06	1
N-Nitrosodi-n-propylamine	0.035	U	0.035	0.026	mg/Kg	☼	10/02/25 18:11	10/04/25 04:06	1
N-Nitrosodiphenylamine	0.35	U	0.35	0.029	mg/Kg	☼	10/02/25 18:11	10/04/25 04:06	1
Pentachlorophenol	0.28	U	0.28	0.072	mg/Kg	☼	10/02/25 18:11	10/04/25 04:06	1
Phenanthrene	**0.18**	**J**	0.35	0.014	mg/Kg	☼	10/02/25 18:11	10/04/25 04:06	1
Phenol	0.35	U	0.35	0.013	mg/Kg	☼	10/02/25 18:11	10/04/25 04:06	1
Pyrene	**0.34**	**J**	0.35	0.0088	mg/Kg	☼	10/02/25 18:11	10/04/25 04:06	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
2,4,6-Tribromophenol (Surr)	*50*		*18 - 137*	*10/02/25 18:11*	*10/04/25 04:06*	*1*
2-Fluorobiphenyl	*53*		*33 - 117*	*10/02/25 18:11*	*10/04/25 04:06*	*1*
2-Fluorophenol (Surr)	*55*		*24 - 120*	*10/02/25 18:11*	*10/04/25 04:06*	*1*
Nitrobenzene-d5 (Surr)	*56*		*27 - 120*	*10/02/25 18:11*	*10/04/25 04:06*	*1*
Phenol-d5 (Surr)	*52*		*28 - 118*	*10/02/25 18:11*	*10/04/25 04:06*	*1*
Terphenyl-d14 (Surr)	*51*		*33 - 124*	*10/02/25 18:11*	*10/04/25 04:06*	*1*

Method: SW846 8081B - Organochlorine Pesticides (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
4,4'-DDD	0.0071	U	0.0071	0.0012	mg/Kg	☼	10/02/25 18:00	10/03/25 10:23	1
4,4'-DDE	0.0071	U	0.0071	0.00084	mg/Kg	☼	10/02/25 18:00	10/03/25 10:23	1
4,4'-DDT	0.0071	U	0.0071	0.0013	mg/Kg	☼	10/02/25 18:00	10/03/25 10:23	1
Aldrin	0.0071	U	0.0071	0.0011	mg/Kg	☼	10/02/25 18:00	10/03/25 10:23	1
alpha-BHC	0.0021	U	0.0021	0.00072	mg/Kg	☼	10/02/25 18:00	10/03/25 10:23	1
beta-BHC	0.0021	U	0.0021	0.00080	mg/Kg	☼	10/02/25 18:00	10/03/25 10:23	1
Chlordane (technical)	0.071	U	0.071	0.017	mg/Kg	☼	10/02/25 18:00	10/03/25 10:23	1
cis-Chlordane	0.0071	U	0.0071	0.0011	mg/Kg	☼	10/02/25 18:00	10/03/25 10:23	1
delta-BHC	0.0021	U	0.0021	0.00044	mg/Kg	☼	10/02/25 18:00	10/03/25 10:23	1
Dieldrin	0.0021	U	0.0021	0.00093	mg/Kg	☼	10/02/25 18:00	10/03/25 10:23	1
Endosulfan I	0.0071	U	0.0071	0.0011	mg/Kg	☼	10/02/25 18:00	10/03/25 10:23	1
Endosulfan II	0.0071	U	0.0071	0.0018	mg/Kg	☼	10/02/25 18:00	10/03/25 10:23	1
Endosulfan sulfate	0.0071	U	0.0071	0.00089	mg/Kg	☼	10/02/25 18:00	10/03/25 10:23	1
Endrin	0.0071	U	0.0071	0.0010	mg/Kg	☼	10/02/25 18:00	10/03/25 10:23	1
Endrin aldehyde	0.0071	U	0.0071	0.0017	mg/Kg	☼	10/02/25 18:00	10/03/25 10:23	1
Endrin ketone	0.0071	U	0.0071	0.0014	mg/Kg	☼	10/02/25 18:00	10/03/25 10:23	1
gamma-BHC (Lindane)	0.0021	U	0.0021	0.00066	mg/Kg	☼	10/02/25 18:00	10/03/25 10:23	1
Heptachlor	0.0071	U	0.0071	0.00084	mg/Kg	☼	10/02/25 18:00	10/03/25 10:23	1
Heptachlor epoxide	0.0071	U	0.0071	0.0011	mg/Kg	☼	10/02/25 18:00	10/03/25 10:23	1

Client Sample ID: 60A_4-8
Date Collected: 10/01/25 08:25
Date Received: 10/01/25 16:15

Lab Sample ID: 460-336212-2
Matrix: Solid
Percent Solids: 94.0

Method: SW846 8081B - Organochlorine Pesticides (GC) (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Methoxychlor	0.0071	U	0.0071	0.0016	mg/Kg	☼	10/02/25 18:00	10/03/25 10:23	1
Toxaphene	0.071	U	0.071	0.026	mg/Kg	☼	10/02/25 18:00	10/03/25 10:23	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
DCB Decachlorobiphenyl	*107*		*10 - 150*	*10/02/25 18:00*	*10/03/25 10:23*	*1*
DCB Decachlorobiphenyl	*111*		*10 - 150*	*10/02/25 18:00*	*10/03/25 10:23*	*1*
Tetrachloro-m-xylene	*105*		*14 - 150*	*10/02/25 18:00*	*10/03/25 10:23*	*1*
Tetrachloro-m-xylene	*97*		*14 - 150*	*10/02/25 18:00*	*10/03/25 10:23*	*1*

Method: SW846 8082A - Polychlorinated Biphenyls (PCBs) by Gas Chromatography

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Aroclor 1016	0.071	U	0.071	0.019	mg/Kg	☼	10/02/25 17:41	10/03/25 15:54	1
Aroclor 1221	0.071	U	0.071	0.019	mg/Kg	☼	10/02/25 17:41	10/03/25 15:54	1
Aroclor 1232	0.071	U	0.071	0.019	mg/Kg	☼	10/02/25 17:41	10/03/25 15:54	1
Aroclor 1242	0.071	U	0.071	0.019	mg/Kg	☼	10/02/25 17:41	10/03/25 15:54	1
Aroclor 1248	0.071	U	0.071	0.019	mg/Kg	☼	10/02/25 17:41	10/03/25 15:54	1
Aroclor 1254	0.071	U	0.071	0.019	mg/Kg	☼	10/02/25 17:41	10/03/25 15:54	1
Aroclor 1260	0.071	U	0.071	0.019	mg/Kg	☼	10/02/25 17:41	10/03/25 15:54	1
Aroclor-1262	0.071	U	0.071	0.019	mg/Kg	☼	10/02/25 17:41	10/03/25 15:54	1
Aroclor 1268	0.071	U	0.071	0.019	mg/Kg	☼	10/02/25 17:41	10/03/25 15:54	1
Polychlorinated biphenyls, Total	0.071	U	0.071	0.019	mg/Kg	☼	10/02/25 17:41	10/03/25 15:54	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
DCB Decachlorobiphenyl	*144*		*10 - 150*	*10/02/25 17:41*	*10/03/25 15:54*	*1*
DCB Decachlorobiphenyl	*143*		*10 - 150*	*10/02/25 17:41*	*10/03/25 15:54*	*1*
Tetrachloro-m-xylene	*134*		*10 - 150*	*10/02/25 17:41*	*10/03/25 15:54*	*1*
Tetrachloro-m-xylene	*143*		*10 - 150*	*10/02/25 17:41*	*10/03/25 15:54*	*1*

Method: EPA 1633A - Per- and Polyfluoroalkyl Substances by LC/MS/MS, 1633A

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Perfluorobutanoic acid (PFBA)	0.38	U	0.38	0.095	ug/Kg	☼	10/07/25 14:14	10/07/25 23:11	1
Perfluoropentanoic acid (PFPeA)	0.19	U	0.19	0.095	ug/Kg	☼	10/07/25 14:14	10/07/25 23:11	1
Perfluorohexanoic acid (PFHxA)	0.19	U	0.19	0.095	ug/Kg	☼	10/07/25 14:14	10/07/25 23:11	1
Perfluoroheptanoic acid (PFHpA)	0.19	U	0.19	0.095	ug/Kg	☼	10/07/25 14:14	10/07/25 23:11	1
Perfluorooctanoic acid (PFOA)	**0.24**		0.19	0.057	ug/Kg	☼	10/07/25 14:14	10/07/25 23:11	1
Perfluorononanoic acid (PFNA)	**1.17**		0.19	0.095	ug/Kg	☼	10/07/25 14:14	10/07/25 23:11	1
Perfluorodecanoic acid (PFDA)	0.19	U	0.19	0.057	ug/Kg	☼	10/07/25 14:14	10/07/25 23:11	1
Perfluoroundecanoic acid (PFUnA)	**0.82**		0.19	0.095	ug/Kg	☼	10/07/25 14:14	10/07/25 23:11	1
Perfluorododecanoic acid (PFDoA)	0.19	U	0.19	0.095	ug/Kg	☼	10/07/25 14:14	10/07/25 23:11	1
Perfluorotridecanoic acid (PFTrDA)	**0.69**		0.19	0.095	ug/Kg	☼	10/07/25 14:14	10/07/25 23:11	1
Perfluorotetradecanoic acid (PFTeDA)	0.19	U	0.19	0.095	ug/Kg	☼	10/07/25 14:14	10/07/25 23:11	1
Perfluorobutanesulfonic acid (PFBS)	0.19	U	0.19	0.095	ug/Kg	☼	10/07/25 14:14	10/07/25 23:11	1
Perfluoropentanesulfonic acid (PFPeS)	0.19	U	0.19	0.095	ug/Kg	☼	10/07/25 14:14	10/07/25 23:11	1
Perfluorohexanesulfonic acid (PFHxS)	0.19	U	0.19	0.095	ug/Kg	☼	10/07/25 14:14	10/07/25 23:11	1
Perfluoroheptanesulfonic acid (PFHpS)	0.19	U	0.19	0.095	ug/Kg	☼	10/07/25 14:14	10/07/25 23:11	1
Perfluorooctanesulfonic acid (PFOS)	**0.15**	**J**	0.19	0.095	ug/Kg	☼	10/07/25 14:14	10/07/25 23:11	1
Perfluorononanesulfonic acid (PFNS)	0.19	U	0.19	0.095	ug/Kg	☼	10/07/25 14:14	10/07/25 23:11	1

Client Sample ID: 60A_4-8
Date Collected: 10/01/25 08:25
Date Received: 10/01/25 16:15

Lab Sample ID: 460-336212-2
Matrix: Solid
Percent Solids: 94.0

Method: EPA 1633A - Per- and Polyfluoroalkyl Substances by LC/MS/MS, 1633A (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Perfluorodecanesulfonic acid (PFDS)	0.19	U	0.19	0.095	ug/Kg	☼	10/07/25 14:14	10/07/25 23:11	1
Perfluorododecanesulfonic acid (PFDoS)	0.19	U	0.19	0.095	ug/Kg	☼	10/07/25 14:14	10/07/25 23:11	1
1H,1H,2H,2H-Perfluorohexane sulfonic acid (4:2 FTS)	0.38	U	0.38	0.19	ug/Kg	☼	10/07/25 14:14	10/07/25 23:11	1
1H,1H,2H,2H-Perfluorooctane sulfonic acid (6:2 FTS)	0.38	U	0.38	0.19	ug/Kg	☼	10/07/25 14:14	10/07/25 23:11	1
1H,1H,2H,2H-Perfluorodecane sulfonic acid (8:2 FTS)	0.38	U	0.38	0.19	ug/Kg	☼	10/07/25 14:14	10/07/25 23:11	1
Perfluorooctanesulfonamide (PFOSA)	0.19	U	0.19	0.095	ug/Kg	☼	10/07/25 14:14	10/07/25 23:11	1
N-methylperfluorooctane sulfonamide (NMeFOSA)	0.19	U	0.19	0.095	ug/Kg	☼	10/07/25 14:14	10/07/25 23:11	1
N-ethylperfluorooctane sulfonamide (NEtFOSA)	0.19	U	0.19	0.095	ug/Kg	☼	10/07/25 14:14	10/07/25 23:11	1
N-methylperfluorooctanesulfonamidoacetic acid (NMeFOSAA)	0.19	U	0.19	0.095	ug/Kg	☼	10/07/25 14:14	10/07/25 23:11	1
N-ethylperfluorooctanesulfonamidoacetic acid (NEtFOSAA)	0.19	U	0.19	0.095	ug/Kg	☼	10/07/25 14:14	10/07/25 23:11	1
N-methylperfluorooctane sulfonamidoethanol (NMeFOSE)	0.95	U	0.95	0.48	ug/Kg	☼	10/07/25 14:14	10/07/25 23:11	1
N-ethylperfluorooctane sulfonamidoethanol (NEtFOSE)	0.95	U	0.95	0.48	ug/Kg	☼	10/07/25 14:14	10/07/25 23:11	1
Hexafluoropropylene Oxide Dimer Acid (HFPO-DA)	0.19	U	0.19	0.095	ug/Kg	☼	10/07/25 14:14	10/07/25 23:11	1
4,8-Dioxa-3H-perfluorononanoic acid (ADONA)	0.19	U	0.19	0.095	ug/Kg	☼	10/07/25 14:14	10/07/25 23:11	1
Perfluoro-3-methoxypropanoic acid (PFMPA)	0.19	U	0.19	0.095	ug/Kg	☼	10/07/25 14:14	10/07/25 23:11	1
Perfluoro-4-methoxybutanoic acid (PFMBA)	0.19	U	0.19	0.095	ug/Kg	☼	10/07/25 14:14	10/07/25 23:11	1
Nonafluoro-3,6-dioxaheptanoic acid (NFDHA)	0.19	U	0.19	0.095	ug/Kg	☼	10/07/25 14:14	10/07/25 23:11	1
9-Chlorohexadecafluoro-3-oxanonane-1-sulfonic acid (9Cl-PF3ONS)	0.19	U	0.19	0.095	ug/Kg	☼	10/07/25 14:14	10/07/25 23:11	1
11-Chloroeicosafluoro-3-oxaundecane-1-sulfonic acid (11Cl-PF3OUdS)	0.19	U	0.19	0.095	ug/Kg	☼	10/07/25 14:14	10/07/25 23:11	1
Perfluoro (2-ethoxyethane) sulfonic acid (PFEESA)	0.19	U	0.19	0.095	ug/Kg	☼	10/07/25 14:14	10/07/25 23:11	1
3-Perfluoropropylpropanoic acid (3:3 FTCA)	0.38	U	0.38	0.19	ug/Kg	☼	10/07/25 14:14	10/07/25 23:11	1
3-Perfluoropentylpropanoic acid (5:3 FTCA)	0.95	U	0.95	0.48	ug/Kg	☼	10/07/25 14:14	10/07/25 23:11	1
3-Perfluoroheptylpropanoic acid (7:3 FTCA)	0.95	U	0.95	0.48	ug/Kg	☼	10/07/25 14:14	10/07/25 23:11	1

Isotope Dilution	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
13C4 PFBA	*123*		*8 - 130*	*10/07/25 14:14*	*10/07/25 23:11*	*1*
13C5 PFPeA	*130*		*35 - 130*	*10/07/25 14:14*	*10/07/25 23:11*	*1*
13C5 PFHxA	*115*		*40 - 130*	*10/07/25 14:14*	*10/07/25 23:11*	*1*
13C4 PFHpA	*113*		*40 - 130*	*10/07/25 14:14*	*10/07/25 23:11*	*1*
13C8 PFOA	*117*		*40 - 130*	*10/07/25 14:14*	*10/07/25 23:11*	*1*
13C9 PFNA	*114*		*40 - 130*	*10/07/25 14:14*	*10/07/25 23:11*	*1*
13C6 PFDA	*118*		*40 - 130*	*10/07/25 14:14*	*10/07/25 23:11*	*1*
13C7 PFUnA	*113*		*40 - 130*	*10/07/25 14:14*	*10/07/25 23:11*	*1*
13C2 PFTeDA	*107*		*20 - 130*	*10/07/25 14:14*	*10/07/25 23:11*	*1*

Client Sample ID: 60A_4-8
Date Collected: 10/01/25 08:25
Date Received: 10/01/25 16:15

Lab Sample ID: 460-336212-2
Matrix: Solid
Percent Solids: 94.0

Method: EPA 1633A - Per- and Polyfluoroalkyl Substances by LC/MS/MS, 1633A (Continued)

Isotope Dilution	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
13C3 PFBS	104		40 - 135	10/07/25 14:14	10/07/25 23:11	1
13C3 PFHxS	113		40 - 130	10/07/25 14:14	10/07/25 23:11	1
13C8 PFOS	105		40 - 130	10/07/25 14:14	10/07/25 23:11	1
13C8 FOSA	74.2		40 - 130	10/07/25 14:14	10/07/25 23:11	1
d3-NMeFOSAA	87.6		40 - 135	10/07/25 14:14	10/07/25 23:11	1
d5-NEtFOSAA	84.9		40 - 150	10/07/25 14:14	10/07/25 23:11	1
13C2 4:2 FTS	207	*	40 - 165	10/07/25 14:14	10/07/25 23:11	1
13C2 6:2 FTS	221	*	40 - 215	10/07/25 14:14	10/07/25 23:11	1
13C2 8:2 FTS	229		40 - 275	10/07/25 14:14	10/07/25 23:11	1
13C3 HFPO-DA	110		40 - 130	10/07/25 14:14	10/07/25 23:11	1
d7-N-MeFOSE-M	32.9		20 - 130	10/07/25 14:14	10/07/25 23:11	1
d9-N-EtFOSE-M	26.4		15 - 130	10/07/25 14:14	10/07/25 23:11	1
d5-NEtPFOSA	38.7		10 - 130	10/07/25 14:14	10/07/25 23:11	1
d3-NMePFOSA	43.2		10 - 130	10/07/25 14:14	10/07/25 23:11	1
13C2 PFDoA	107		40 - 130	10/07/25 14:14	10/07/25 23:11	1

Method: SW846 6020B - Metals (ICP/MS)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Aluminum	3700		19.3	5.3	mg/Kg	☼	10/07/25 06:40	10/07/25 17:09	1
Antimony	0.29	J	0.97	0.14	mg/Kg	☼	10/07/25 06:40	10/07/25 17:09	1
Arsenic	5.1		0.97	0.10	mg/Kg	☼	10/07/25 06:40	10/07/25 17:09	1
Barium	30.4		1.9	0.14	mg/Kg	☼	10/07/25 06:40	10/07/25 17:09	1
Beryllium	0.52		0.39	0.021	mg/Kg	☼	10/07/25 06:40	10/07/25 17:09	1
Cadmium	0.97	U	0.97	0.11	mg/Kg	☼	10/07/25 06:40	10/07/25 17:09	1
Calcium	583		96.7	9.4	mg/Kg	☼	10/07/25 06:40	10/07/25 17:09	1
Chromium	11.6		1.9	0.29	mg/Kg	☼	10/07/25 06:40	10/07/25 17:09	1
Cobalt	3.9		0.97	0.14	mg/Kg	☼	10/07/25 06:40	10/07/25 17:09	1
Copper	29.8		1.9	0.36	mg/Kg	☼	10/07/25 06:40	10/07/25 17:09	1
Iron	15900		58.0	7.4	mg/Kg	☼	10/07/25 06:40	10/07/25 17:09	1
Lead	37.7		0.58	0.19	mg/Kg	☼	10/07/25 06:40	10/07/25 17:09	1
Magnesium	907		96.7	9.9	mg/Kg	☼	10/07/25 06:40	10/07/25 17:09	1
Manganese	88.1		3.9	0.39	mg/Kg	☼	10/07/25 06:40	10/07/25 17:09	1
Nickel	9.9		1.9	0.17	mg/Kg	☼	10/07/25 06:40	10/07/25 17:09	1
Potassium	681		96.7	15.7	mg/Kg	☼	10/07/25 06:40	10/07/25 17:09	1
Selenium	0.29	J	1.2	0.12	mg/Kg	☼	10/07/25 06:40	10/07/25 17:09	1
Silver	0.39	U	0.39	0.086	mg/Kg	☼	10/07/25 06:40	10/07/25 17:09	1
Sodium	56.7	J	96.7	44.2	mg/Kg	☼	10/07/25 06:40	10/07/25 17:09	1
Thallium	0.39	U	0.39	0.040	mg/Kg	☼	10/07/25 06:40	10/07/25 17:09	1
Vanadium	18.7		1.9	0.20	mg/Kg	☼	10/07/25 06:40	10/07/25 17:09	1
Zinc	68.6		7.7	1.1	mg/Kg	☼	10/07/25 06:40	10/07/25 17:09	1

Method: SW846 7471B - Mercury (CVAA)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	0.022		0.018	0.0085	mg/Kg	☼	10/09/25 01:39	10/09/25 08:45	1

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Percent Moisture (EPA Moisture)	6.0		1.0	1.0	%			10/06/25 16:57	1
Percent Solids (EPA Moisture)	94.0		1.0	1.0	%			10/06/25 16:57	1

Client Sample ID: 43A_0-4
Date Collected: 10/01/25 08:00
Date Received: 10/01/25 16:15

Lab Sample ID: 460-336212-3
Matrix: Solid
Percent Solids: 93.8

Method: SW846 8270E - Semivolatile Organic Compounds (GC/MS)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1'-Biphenyl	0.35	U	0.35	0.012	mg/Kg	☼	10/02/25 18:11	10/04/25 00:47	1
1,2,4,5-Tetrachlorobenzene	0.35	U	0.35	0.011	mg/Kg	☼	10/02/25 18:11	10/04/25 00:47	1
1,4-Dioxane	0.035	U	0.035	0.031	mg/Kg	☼	10/02/25 18:11	10/04/25 00:47	1
2,2'-oxybis[1-chloropropane]	0.35	U	0.35	0.021	mg/Kg	☼	10/02/25 18:11	10/04/25 00:47	1
2,3,4,6-Tetrachlorophenol	0.35	U	0.35	0.024	mg/Kg	☼	10/02/25 18:11	10/04/25 00:47	1
2,4,5-Trichlorophenol	0.35	U	0.35	0.036	mg/Kg	☼	10/02/25 18:11	10/04/25 00:47	1
2,4,6-Trichlorophenol	0.14	U	0.14	0.045	mg/Kg	☼	10/02/25 18:11	10/04/25 00:47	1
2,4-Dichlorophenol	0.14	U	0.14	0.023	mg/Kg	☼	10/02/25 18:11	10/04/25 00:47	1
2,4-Dimethylphenol	0.35	U	0.35	0.042	mg/Kg	☼	10/02/25 18:11	10/04/25 00:47	1
2,4-Dinitrophenol	0.28	U	0.28	0.17	mg/Kg	☼	10/02/25 18:11	10/04/25 00:47	1
2,4-Dinitrotoluene	0.071	U	0.071	0.038	mg/Kg	☼	10/02/25 18:11	10/04/25 00:47	1
2,6-Dinitrotoluene	0.071	U	0.071	0.025	mg/Kg	☼	10/02/25 18:11	10/04/25 00:47	1
2-Chloronaphthalene	0.35	U	0.35	0.045	mg/Kg	☼	10/02/25 18:11	10/04/25 00:47	1
2-Chlorophenol	0.35	U	0.35	0.013	mg/Kg	☼	10/02/25 18:11	10/04/25 00:47	1
2-Methylnaphthalene	0.35	U	0.35	0.0099	mg/Kg	☼	10/02/25 18:11	10/04/25 00:47	1
2-Methylphenol	0.35	U	0.35	0.013	mg/Kg	☼	10/02/25 18:11	10/04/25 00:47	1
2-Nitroaniline	0.35	U	0.35	0.027	mg/Kg	☼	10/02/25 18:11	10/04/25 00:47	1
2-Nitrophenol	0.35	U	0.35	0.035	mg/Kg	☼	10/02/25 18:11	10/04/25 00:47	1
3 & 4 Methylphenol	0.35	U	0.35	0.022	mg/Kg	☼	10/02/25 18:11	10/04/25 00:47	1
3,3'-Dichlorobenzidine	0.14	U	0.14	0.053	mg/Kg	☼	10/02/25 18:11	10/04/25 00:47	1
3-Nitroaniline	0.35	U	0.35	0.084	mg/Kg	☼	10/02/25 18:11	10/04/25 00:47	1
4,6-Dinitro-2-methylphenol	0.28	U	0.28	0.14	mg/Kg	☼	10/02/25 18:11	10/04/25 00:47	1
4-Bromophenyl phenyl ether	0.35	U	0.35	0.014	mg/Kg	☼	10/02/25 18:11	10/04/25 00:47	1
4-Chloro-3-methylphenol	0.35	U	0.35	0.020	mg/Kg	☼	10/02/25 18:11	10/04/25 00:47	1
4-Chloroaniline	0.35	U	0.35	0.063	mg/Kg	☼	10/02/25 18:11	10/04/25 00:47	1
4-Chlorophenyl phenyl ether	0.35	U	0.35	0.012	mg/Kg	☼	10/02/25 18:11	10/04/25 00:47	1
4-Methylphenol	0.35	U	0.35	0.022	mg/Kg	☼	10/02/25 18:11	10/04/25 00:47	1
4-Nitroaniline	0.35	U	0.35	0.089	mg/Kg	☼	10/02/25 18:11	10/04/25 00:47	1
4-Nitrophenol	0.71	U	0.71	0.057	mg/Kg	☼	10/02/25 18:11	10/04/25 00:47	1
Acenaphthene	0.35	U	0.35	0.010	mg/Kg	☼	10/02/25 18:11	10/04/25 00:47	1
Acenaphthylene	0.35	U	0.35	0.010	mg/Kg	☼	10/02/25 18:11	10/04/25 00:47	1
Acetophenone	0.35	U	0.35	0.017	mg/Kg	☼	10/02/25 18:11	10/04/25 00:47	1
Anthracene	0.35	U	0.35	0.011	mg/Kg	☼	10/02/25 18:11	10/04/25 00:47	1
Atrazine	0.14	U	0.14	0.021	mg/Kg	☼	10/02/25 18:11	10/04/25 00:47	1
Benzaldehyde	0.35	U	0.35	0.058	mg/Kg	☼	10/02/25 18:11	10/04/25 00:47	1
Benzo[a]anthracene	0.035	U	0.035	0.027	mg/Kg	☼	10/02/25 18:11	10/04/25 00:47	1
Benzo[a]pyrene	**0.015**	**J**	0.035	0.0094	mg/Kg	☼	10/02/25 18:11	10/04/25 00:47	1
Benzo[b]fluoranthene	**0.017**	**J**	0.035	0.0091	mg/Kg	☼	10/02/25 18:11	10/04/25 00:47	1
Benzo[g,h,i]perylene	**0.029**	**J**	0.35	0.010	mg/Kg	☼	10/02/25 18:11	10/04/25 00:47	1
Benzo[k]fluoranthene	**0.0076**	**J**	0.035	0.0069	mg/Kg	☼	10/02/25 18:11	10/04/25 00:47	1
Bis(2-chloroethoxy)methane	0.35	U	0.35	0.065	mg/Kg	☼	10/02/25 18:11	10/04/25 00:47	1
Bis(2-chloroethyl)ether	0.035	U	0.035	0.012	mg/Kg	☼	10/02/25 18:11	10/04/25 00:47	1
Bis(2-ethylhexyl) phthalate	0.35	U	0.35	0.019	mg/Kg	☼	10/02/25 18:11	10/04/25 00:47	1
Butyl benzyl phthalate	0.35	U	0.35	0.017	mg/Kg	☼	10/02/25 18:11	10/04/25 00:47	1
Caprolactam	0.35	U	0.35	0.055	mg/Kg	☼	10/02/25 18:11	10/04/25 00:47	1
Carbazole	0.35	U	0.35	0.013	mg/Kg	☼	10/02/25 18:11	10/04/25 00:47	1
Chrysene	0.35	U	0.35	0.015	mg/Kg	☼	10/02/25 18:11	10/04/25 00:47	1
Dibenz(a,h)anthracene	0.035	U	0.035	0.015	mg/Kg	☼	10/02/25 18:11	10/04/25 00:47	1
Dibenzofuran	0.35	U	0.35	0.012	mg/Kg	☼	10/02/25 18:11	10/04/25 00:47	1

Client Sample ID: 43A_0-4

Date Collected: 10/01/25 08:00
Date Received: 10/01/25 16:15

Lab Sample ID: 460-336212-3

Matrix: Solid
Percent Solids: 93.8

Method: SW846 8270E - Semivolatile Organic Compounds (GC/MS) (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Diethyl phthalate	0.35	U	0.35	0.011	mg/Kg	☼	10/02/25 18:11	10/04/25 00:47	1
Dimethyl phthalate	0.35	U	0.35	0.080	mg/Kg	☼	10/02/25 18:11	10/04/25 00:47	1
Di-n-butyl phthalate	0.35	U	0.35	0.013	mg/Kg	☼	10/02/25 18:11	10/04/25 00:47	1
Di-n-octyl phthalate	0.35	U	0.35	0.019	mg/Kg	☼	10/02/25 18:11	10/04/25 00:47	1
Fluoranthene	**0.016**	**J**	0.35	0.012	mg/Kg	☼	10/02/25 18:11	10/04/25 00:47	1
Fluorene	0.35	U	0.35	0.010	mg/Kg	☼	10/02/25 18:11	10/04/25 00:47	1
Hexachlorobenzene	0.035	U	0.035	0.017	mg/Kg	☼	10/02/25 18:11	10/04/25 00:47	1
Hexachlorobutadiene	0.071	U	0.071	0.0075	mg/Kg	☼	10/02/25 18:11	10/04/25 00:47	1
Hexachlorocyclopentadiene	0.35	U	0.35	0.031	mg/Kg	☼	10/02/25 18:11	10/04/25 00:47	1
Hexachloroethane	0.035	U	0.035	0.012	mg/Kg	☼	10/02/25 18:11	10/04/25 00:47	1
Indeno[1,2,3-cd]pyrene	**0.020**	**J**	0.035	0.014	mg/Kg	☼	10/02/25 18:11	10/04/25 00:47	1
Isophorone	0.14	U	0.14	0.10	mg/Kg	☼	10/02/25 18:11	10/04/25 00:47	1
Naphthalene	0.35	U	0.35	0.0061	mg/Kg	☼	10/02/25 18:11	10/04/25 00:47	1
Nitrobenzene	0.035	U	0.035	0.020	mg/Kg	☼	10/02/25 18:11	10/04/25 00:47	1
N-Nitrosodi-n-propylamine	0.035	U	0.035	0.026	mg/Kg	☼	10/02/25 18:11	10/04/25 00:47	1
N-Nitrosodiphenylamine	0.35	U	0.35	0.029	mg/Kg	☼	10/02/25 18:11	10/04/25 00:47	1
Pentachlorophenol	0.28	U	0.28	0.072	mg/Kg	☼	10/02/25 18:11	10/04/25 00:47	1
Phenanthrene	0.35	U	0.35	0.014	mg/Kg	☼	10/02/25 18:11	10/04/25 00:47	1
Phenol	0.35	U	0.35	0.013	mg/Kg	☼	10/02/25 18:11	10/04/25 00:47	1
Pyrene	**0.017**	**J**	0.35	0.0088	mg/Kg	☼	10/02/25 18:11	10/04/25 00:47	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
2,4,6-Tribromophenol (Surr)	*57*		*18 - 137*	*10/02/25 18:11*	*10/04/25 00:47*	*1*
2-Fluorobiphenyl	*58*		*33 - 117*	*10/02/25 18:11*	*10/04/25 00:47*	*1*
2-Fluorophenol (Surr)	*57*		*24 - 120*	*10/02/25 18:11*	*10/04/25 00:47*	*1*
Nitrobenzene-d5 (Surr)	*59*		*27 - 120*	*10/02/25 18:11*	*10/04/25 00:47*	*1*
Phenol-d5 (Surr)	*58*		*28 - 118*	*10/02/25 18:11*	*10/04/25 00:47*	*1*
Terphenyl-d14 (Surr)	*71*		*33 - 124*	*10/02/25 18:11*	*10/04/25 00:47*	*1*

Method: SW846 8081B - Organochlorine Pesticides (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
4,4'-DDD	0.0071	U	0.0071	0.0012	mg/Kg	☼	10/02/25 18:00	10/03/25 10:36	1
4,4'-DDE	0.0071	U	0.0071	0.00084	mg/Kg	☼	10/02/25 18:00	10/03/25 10:36	1
4,4'-DDT	0.0071	U	0.0071	0.0013	mg/Kg	☼	10/02/25 18:00	10/03/25 10:36	1
Aldrin	0.0071	U	0.0071	0.0011	mg/Kg	☼	10/02/25 18:00	10/03/25 10:36	1
alpha-BHC	0.0021	U	0.0021	0.00072	mg/Kg	☼	10/02/25 18:00	10/03/25 10:36	1
beta-BHC	0.0021	U	0.0021	0.00080	mg/Kg	☼	10/02/25 18:00	10/03/25 10:36	1
Chlordane (technical)	0.071	U	0.071	0.017	mg/Kg	☼	10/02/25 18:00	10/03/25 10:36	1
cis-Chlordane	0.0071	U	0.0071	0.0011	mg/Kg	☼	10/02/25 18:00	10/03/25 10:36	1
delta-BHC	0.0021	U	0.0021	0.00044	mg/Kg	☼	10/02/25 18:00	10/03/25 10:36	1
Dieldrin	0.0021	U	0.0021	0.00093	mg/Kg	☼	10/02/25 18:00	10/03/25 10:36	1
Endosulfan I	0.0071	U	0.0071	0.0011	mg/Kg	☼	10/02/25 18:00	10/03/25 10:36	1
Endosulfan II	0.0071	U	0.0071	0.0018	mg/Kg	☼	10/02/25 18:00	10/03/25 10:36	1
Endosulfan sulfate	0.0071	U	0.0071	0.00090	mg/Kg	☼	10/02/25 18:00	10/03/25 10:36	1
Endrin	0.0071	U	0.0071	0.0010	mg/Kg	☼	10/02/25 18:00	10/03/25 10:36	1
Endrin aldehyde	0.0071	U	0.0071	0.0017	mg/Kg	☼	10/02/25 18:00	10/03/25 10:36	1
Endrin ketone	0.0071	U	0.0071	0.0014	mg/Kg	☼	10/02/25 18:00	10/03/25 10:36	1
gamma-BHC (Lindane)	0.0021	U	0.0021	0.00066	mg/Kg	☼	10/02/25 18:00	10/03/25 10:36	1
Heptachlor	0.0071	U	0.0071	0.00084	mg/Kg	☼	10/02/25 18:00	10/03/25 10:36	1
Heptachlor epoxide	0.0071	U	0.0071	0.0011	mg/Kg	☼	10/02/25 18:00	10/03/25 10:36	1

Client Sample ID: 43A_0-4
Date Collected: 10/01/25 08:00
Date Received: 10/01/25 16:15

Lab Sample ID: 460-336212-3
Matrix: Solid
Percent Solids: 93.8

Method: SW846 8081B - Organochlorine Pesticides (GC) (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Methoxychlor	0.0071	U	0.0071	0.0016	mg/Kg	☼	10/02/25 18:00	10/03/25 10:36	1
Toxaphene	0.071	U	0.071	0.026	mg/Kg	☼	10/02/25 18:00	10/03/25 10:36	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
DCB Decachlorobiphenyl	*93*		*10 - 150*	*10/02/25 18:00*	*10/03/25 10:36*	*1*
DCB Decachlorobiphenyl	*109*		*10 - 150*	*10/02/25 18:00*	*10/03/25 10:36*	*1*
Tetrachloro-m-xylene	*93*		*14 - 150*	*10/02/25 18:00*	*10/03/25 10:36*	*1*
Tetrachloro-m-xylene	*91*		*14 - 150*	*10/02/25 18:00*	*10/03/25 10:36*	*1*

Method: SW846 8082A - Polychlorinated Biphenyls (PCBs) by Gas Chromatography

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Aroclor 1016	0.071	U	0.071	0.019	mg/Kg	☼	10/02/25 17:41	10/03/25 16:11	1
Aroclor 1221	0.071	U	0.071	0.019	mg/Kg	☼	10/02/25 17:41	10/03/25 16:11	1
Aroclor 1232	0.071	U	0.071	0.019	mg/Kg	☼	10/02/25 17:41	10/03/25 16:11	1
Aroclor 1242	0.071	U	0.071	0.019	mg/Kg	☼	10/02/25 17:41	10/03/25 16:11	1
Aroclor 1248	0.071	U	0.071	0.019	mg/Kg	☼	10/02/25 17:41	10/03/25 16:11	1
Aroclor 1254	0.071	U	0.071	0.019	mg/Kg	☼	10/02/25 17:41	10/03/25 16:11	1
Aroclor 1260	0.071	U	0.071	0.019	mg/Kg	☼	10/02/25 17:41	10/03/25 16:11	1
Aroclor-1262	0.071	U	0.071	0.019	mg/Kg	☼	10/02/25 17:41	10/03/25 16:11	1
Aroclor 1268	0.071	U	0.071	0.019	mg/Kg	☼	10/02/25 17:41	10/03/25 16:11	1
Polychlorinated biphenyls, Total	0.071	U	0.071	0.019	mg/Kg	☼	10/02/25 17:41	10/03/25 16:11	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
DCB Decachlorobiphenyl	*131*		*10 - 150*	*10/02/25 17:41*	*10/03/25 16:11*	*1*
DCB Decachlorobiphenyl	*132*		*10 - 150*	*10/02/25 17:41*	*10/03/25 16:11*	*1*
Tetrachloro-m-xylene	*125*		*10 - 150*	*10/02/25 17:41*	*10/03/25 16:11*	*1*
Tetrachloro-m-xylene	*132*		*10 - 150*	*10/02/25 17:41*	*10/03/25 16:11*	*1*

Method: EPA 1633A - Per- and Polyfluoroalkyl Substances by LC/MS/MS, 1633A

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Perfluorobutanoic acid (PFBA)	0.38	U	0.38	0.096	ug/Kg	☼	10/07/25 14:14	10/07/25 23:25	1
Perfluoropentanoic acid (PFPeA)	**0.10**	**J**	0.19	0.096	ug/Kg	☼	10/07/25 14:14	10/07/25 23:25	1
Perfluorohexanoic acid (PFHxA)	**0.12**	**J**	0.19	0.096	ug/Kg	☼	10/07/25 14:14	10/07/25 23:25	1
Perfluoroheptanoic acid (PFHpA)	**0.19**		0.19	0.096	ug/Kg	☼	10/07/25 14:14	10/07/25 23:25	1
Perfluorooctanoic acid (PFOA)	**0.43**		0.19	0.057	ug/Kg	☼	10/07/25 14:14	10/07/25 23:25	1
Perfluorononanoic acid (PFNA)	**0.49**		0.19	0.096	ug/Kg	☼	10/07/25 14:14	10/07/25 23:25	1
Perfluorodecanoic acid (PFDA)	**0.14**	**J**	0.19	0.057	ug/Kg	☼	10/07/25 14:14	10/07/25 23:25	1
Perfluoroundecanoic acid (PFUnA)	**0.50**		0.19	0.096	ug/Kg	☼	10/07/25 14:14	10/07/25 23:25	1
Perfluorododecanoic acid (PFDoA)	0.19	U	0.19	0.096	ug/Kg	☼	10/07/25 14:14	10/07/25 23:25	1
Perfluorotridecanoic acid (PFTrDA)	**0.12**	**J**	0.19	0.096	ug/Kg	☼	10/07/25 14:14	10/07/25 23:25	1
Perfluorotetradecanoic acid (PFTeDA)	0.19	U	0.19	0.096	ug/Kg	☼	10/07/25 14:14	10/07/25 23:25	1
Perfluorobutanesulfonic acid (PFBS)	0.19	U	0.19	0.096	ug/Kg	☼	10/07/25 14:14	10/07/25 23:25	1
Perfluoropentanesulfonic acid (PFPeS)	0.19	U	0.19	0.096	ug/Kg	☼	10/07/25 14:14	10/07/25 23:25	1
Perfluorohexanesulfonic acid (PFHxS)	0.19	U	0.19	0.096	ug/Kg	☼	10/07/25 14:14	10/07/25 23:25	1
Perfluoroheptanesulfonic acid (PFHpS)	0.19	U	0.19	0.096	ug/Kg	☼	10/07/25 14:14	10/07/25 23:25	1
Perfluorooctanesulfonic acid (PFOS)	0.19	U	0.19	0.096	ug/Kg	☼	10/07/25 14:14	10/07/25 23:25	1
Perfluorononanesulfonic acid (PFNS)	0.19	U	0.19	0.096	ug/Kg	☼	10/07/25 14:14	10/07/25 23:25	1

Client Sample ID: 43A_0-4
Date Collected: 10/01/25 08:00
Date Received: 10/01/25 16:15

Lab Sample ID: 460-336212-3
Matrix: Solid
Percent Solids: 93.8

Method: EPA 1633A - Per- and Polyfluoroalkyl Substances by LC/MS/MS, 1633A (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Perfluorodecanesulfonic acid (PFDS)	0.19	U	0.19	0.096	ug/Kg	☼	10/07/25 14:14	10/07/25 23:25	1
Perfluorododecanesulfonic acid (PFDoS)	0.19	U	0.19	0.096	ug/Kg	☼	10/07/25 14:14	10/07/25 23:25	1
1H,1H,2H,2H-Perfluorohexane sulfonic acid (4:2 FTS)	0.38	U	0.38	0.19	ug/Kg	☼	10/07/25 14:14	10/07/25 23:25	1
1H,1H,2H,2H-Perfluorooctane sulfonic acid (6:2 FTS)	0.38	U	0.38	0.19	ug/Kg	☼	10/07/25 14:14	10/07/25 23:25	1
1H,1H,2H,2H-Perfluorodecane sulfonic acid (8:2 FTS)	0.38	U	0.38	0.19	ug/Kg	☼	10/07/25 14:14	10/07/25 23:25	1
Perfluorooctanesulfonamide (PFOSA)	0.19	U	0.19	0.096	ug/Kg	☼	10/07/25 14:14	10/07/25 23:25	1
N-methylperfluorooctane sulfonamide (NMeFOSA)	0.19	U	0.19	0.096	ug/Kg	☼	10/07/25 14:14	10/07/25 23:25	1
N-ethylperfluorooctane sulfonamide (NEtFOSA)	0.19	U	0.19	0.096	ug/Kg	☼	10/07/25 14:14	10/07/25 23:25	1
N-methylperfluorooctanesulfonamidoacetic acid (NMeFOSAA)	0.19	U	0.19	0.096	ug/Kg	☼	10/07/25 14:14	10/07/25 23:25	1
N-ethylperfluorooctanesulfonamidoacetic acid (NEtFOSAA)	0.19	U	0.19	0.096	ug/Kg	☼	10/07/25 14:14	10/07/25 23:25	1
N-methylperfluorooctane sulfonamidoethanol (NMeFOSE)	0.96	U	0.96	0.48	ug/Kg	☼	10/07/25 14:14	10/07/25 23:25	1
N-ethylperfluorooctane sulfonamidoethanol (NEtFOSE)	0.96	U	0.96	0.48	ug/Kg	☼	10/07/25 14:14	10/07/25 23:25	1
Hexafluoropropylene Oxide Dimer Acid (HFPO-DA)	0.19	U	0.19	0.096	ug/Kg	☼	10/07/25 14:14	10/07/25 23:25	1
4,8-Dioxa-3H-perfluorononanoic acid (ADONA)	0.19	U	0.19	0.096	ug/Kg	☼	10/07/25 14:14	10/07/25 23:25	1
Perfluoro-3-methoxypropanoic acid (PFMPA)	0.19	U	0.19	0.096	ug/Kg	☼	10/07/25 14:14	10/07/25 23:25	1
Perfluoro-4-methoxybutanoic acid (PFMBA)	0.19	U	0.19	0.096	ug/Kg	☼	10/07/25 14:14	10/07/25 23:25	1
Nonafluoro-3,6-dioxaheptanoic acid (NFDHA)	0.19	U	0.19	0.096	ug/Kg	☼	10/07/25 14:14	10/07/25 23:25	1
9-Chlorohexadecafluoro-3-oxanonane-1-sulfonic acid (9Cl-PF3ONS)	0.19	U	0.19	0.096	ug/Kg	☼	10/07/25 14:14	10/07/25 23:25	1
11-Chloroeicosafluoro-3-oxaundecane-1-sulfonic acid (11Cl-PF3OUdS)	0.19	U	0.19	0.096	ug/Kg	☼	10/07/25 14:14	10/07/25 23:25	1
Perfluoro (2-ethoxyethane) sulfonic acid (PFEESA)	0.19	U	0.19	0.096	ug/Kg	☼	10/07/25 14:14	10/07/25 23:25	1
3-Perfluoropropylpropanoic acid (3:3 FTCA)	0.38	U	0.38	0.19	ug/Kg	☼	10/07/25 14:14	10/07/25 23:25	1
3-Perfluoropentylpropanoic acid (5:3 FTCA)	0.96	U	0.96	0.48	ug/Kg	☼	10/07/25 14:14	10/07/25 23:25	1
3-Perfluoroheptylpropanoic acid (7:3 FTCA)	0.96	U	0.96	0.48	ug/Kg	☼	10/07/25 14:14	10/07/25 23:25	1

Isotope Dilution	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
13C4 PFBA	*111*		*8 - 130*	*10/07/25 14:14*	*10/07/25 23:25*	*1*
13C5 PFPeA	*125*		*35 - 130*	*10/07/25 14:14*	*10/07/25 23:25*	*1*
13C5 PFHxA	*108*		*40 - 130*	*10/07/25 14:14*	*10/07/25 23:25*	*1*
13C4 PFHpA	*114*		*40 - 130*	*10/07/25 14:14*	*10/07/25 23:25*	*1*
13C8 PFOA	*111*		*40 - 130*	*10/07/25 14:14*	*10/07/25 23:25*	*1*
13C9 PFNA	*106*		*40 - 130*	*10/07/25 14:14*	*10/07/25 23:25*	*1*
13C6 PFDA	*101*		*40 - 130*	*10/07/25 14:14*	*10/07/25 23:25*	*1*
13C7 PFUnA	*97.5*		*40 - 130*	*10/07/25 14:14*	*10/07/25 23:25*	*1*
13C2 PFTeDA	*60.9*		*20 - 130*	*10/07/25 14:14*	*10/07/25 23:25*	*1*

Client Sample ID: 43A_0-4

Date Collected: 10/01/25 08:00
Date Received: 10/01/25 16:15

Lab Sample ID: 460-336212-3

Matrix: Solid
Percent Solids: 93.8

Method: EPA 1633A - Per- and Polyfluoroalkyl Substances by LC/MS/MS, 1633A (Continued)

Isotope Dilution	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
13C3 PFBS	104		40 - 135	10/07/25 14:14	10/07/25 23:25	1
13C3 PFHxS	107		40 - 130	10/07/25 14:14	10/07/25 23:25	1
13C8 PFOS	107		40 - 130	10/07/25 14:14	10/07/25 23:25	1
13C8 FOSA	65.6		40 - 130	10/07/25 14:14	10/07/25 23:25	1
d3-NMeFOSAA	62.2		40 - 135	10/07/25 14:14	10/07/25 23:25	1
d5-NEtFOSAA	59.3		40 - 150	10/07/25 14:14	10/07/25 23:25	1
13C2 4:2 FTS	111		40 - 165	10/07/25 14:14	10/07/25 23:25	1
13C2 6:2 FTS	119		40 - 215	10/07/25 14:14	10/07/25 23:25	1
13C2 8:2 FTS	97.9		40 - 275	10/07/25 14:14	10/07/25 23:25	1
13C3 HFPO-DA	106		40 - 130	10/07/25 14:14	10/07/25 23:25	1
d7-N-MeFOSE-M	40.0		20 - 130	10/07/25 14:14	10/07/25 23:25	1
d9-N-EtFOSE-M	33.3		15 - 130	10/07/25 14:14	10/07/25 23:25	1
d5-NEtPFOSA	50.6		10 - 130	10/07/25 14:14	10/07/25 23:25	1
d3-NMePFOSA	55.7		10 - 130	10/07/25 14:14	10/07/25 23:25	1
13C2 PFDoA	92.5		40 - 130	10/07/25 14:14	10/07/25 23:25	1

Method: SW846 6020B - Metals (ICP/MS)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Aluminum	5350		19.9	5.5	mg/Kg	☼	10/07/25 06:40	10/07/25 17:12	1
Antimony	0.96	J	1.0	0.15	mg/Kg	☼	10/07/25 06:40	10/07/25 17:12	1
Arsenic	7.4		1.0	0.10	mg/Kg	☼	10/07/25 06:40	10/07/25 17:12	1
Barium	135		2.0	0.14	mg/Kg	☼	10/07/25 06:40	10/07/25 17:12	1
Beryllium	0.59		0.40	0.022	mg/Kg	☼	10/07/25 06:40	10/07/25 17:12	1
Cadmium	0.20	J	1.0	0.11	mg/Kg	☼	10/07/25 06:40	10/07/25 17:12	1
Calcium	404		99.6	9.7	mg/Kg	☼	10/07/25 06:40	10/07/25 17:12	1
Chromium	19.3		2.0	0.30	mg/Kg	☼	10/07/25 06:40	10/07/25 17:12	1
Cobalt	6.0		1.0	0.15	mg/Kg	☼	10/07/25 06:40	10/07/25 17:12	1
Copper	45.1		2.0	0.37	mg/Kg	☼	10/07/25 06:40	10/07/25 17:12	1
Iron	15000		59.8	7.6	mg/Kg	☼	10/07/25 06:40	10/07/25 17:12	1
Lead	226		0.60	0.20	mg/Kg	☼	10/07/25 06:40	10/07/25 17:12	1
Magnesium	1220		99.6	10.2	mg/Kg	☼	10/07/25 06:40	10/07/25 17:12	1
Manganese	223		4.0	0.40	mg/Kg	☼	10/07/25 06:40	10/07/25 17:12	1
Nickel	19.7		2.0	0.18	mg/Kg	☼	10/07/25 06:40	10/07/25 17:12	1
Potassium	653		99.6	16.1	mg/Kg	☼	10/07/25 06:40	10/07/25 17:12	1
Selenium	0.35	J	1.2	0.13	mg/Kg	☼	10/07/25 06:40	10/07/25 17:12	1
Silver	0.25	J	0.40	0.089	mg/Kg	☼	10/07/25 06:40	10/07/25 17:12	1
Sodium	46.3	J	99.6	45.5	mg/Kg	☼	10/07/25 06:40	10/07/25 17:12	1
Thallium	0.062	J	0.40	0.041	mg/Kg	☼	10/07/25 06:40	10/07/25 17:12	1
Vanadium	17.9		2.0	0.21	mg/Kg	☼	10/07/25 06:40	10/07/25 17:12	1
Zinc	90.3		8.0	1.1	mg/Kg	☼	10/07/25 06:40	10/07/25 17:12	1

Method: SW846 7471B - Mercury (CVAA)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	0.040		0.018	0.0083	mg/Kg	☼	10/09/25 01:39	10/09/25 08:53	1

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Percent Moisture (EPA Moisture)	6.2		1.0	1.0	%			10/06/25 16:57	1
Percent Solids (EPA Moisture)	93.8		1.0	1.0	%			10/06/25 16:57	1

Client Sample ID: 43A_4-8
Date Collected: 10/01/25 08:05
Date Received: 10/01/25 16:15

Lab Sample ID: 460-336212-4
Matrix: Solid
Percent Solids: 93.1

Method: SW846 8270E - Semivolatile Organic Compounds (GC/MS)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1'-Biphenyl	0.35	U	0.35	0.012	mg/Kg	☼	10/02/25 18:11	10/04/25 01:09	1
1,2,4,5-Tetrachlorobenzene	0.35	U	0.35	0.011	mg/Kg	☼	10/02/25 18:11	10/04/25 01:09	1
1,4-Dioxane	0.035	U	0.035	0.031	mg/Kg	☼	10/02/25 18:11	10/04/25 01:09	1
2,2'-oxybis[1-chloropropane]	0.35	U	0.35	0.021	mg/Kg	☼	10/02/25 18:11	10/04/25 01:09	1
2,3,4,6-Tetrachlorophenol	0.35	U	0.35	0.024	mg/Kg	☼	10/02/25 18:11	10/04/25 01:09	1
2,4,5-Trichlorophenol	0.35	U	0.35	0.036	mg/Kg	☼	10/02/25 18:11	10/04/25 01:09	1
2,4,6-Trichlorophenol	0.14	U	0.14	0.046	mg/Kg	☼	10/02/25 18:11	10/04/25 01:09	1
2,4-Dichlorophenol	0.14	U	0.14	0.023	mg/Kg	☼	10/02/25 18:11	10/04/25 01:09	1
2,4-Dimethylphenol	0.35	U	0.35	0.042	mg/Kg	☼	10/02/25 18:11	10/04/25 01:09	1
2,4-Dinitrophenol	0.29	U	0.29	0.17	mg/Kg	☼	10/02/25 18:11	10/04/25 01:09	1
2,4-Dinitrotoluene	0.072	U	0.072	0.038	mg/Kg	☼	10/02/25 18:11	10/04/25 01:09	1
2,6-Dinitrotoluene	0.072	U	0.072	0.026	mg/Kg	☼	10/02/25 18:11	10/04/25 01:09	1
2-Chloronaphthalene	0.35	U	0.35	0.046	mg/Kg	☼	10/02/25 18:11	10/04/25 01:09	1
2-Chlorophenol	0.35	U	0.35	0.013	mg/Kg	☼	10/02/25 18:11	10/04/25 01:09	1
2-Methylnaphthalene	0.35	U	0.35	0.0099	mg/Kg	☼	10/02/25 18:11	10/04/25 01:09	1
2-Methylphenol	0.35	U	0.35	0.013	mg/Kg	☼	10/02/25 18:11	10/04/25 01:09	1
2-Nitroaniline	0.35	U	0.35	0.027	mg/Kg	☼	10/02/25 18:11	10/04/25 01:09	1
2-Nitrophenol	0.35	U	0.35	0.036	mg/Kg	☼	10/02/25 18:11	10/04/25 01:09	1
3 & 4 Methylphenol	0.35	U	0.35	0.022	mg/Kg	☼	10/02/25 18:11	10/04/25 01:09	1
3,3'-Dichlorobenzidine	0.14	U	0.14	0.054	mg/Kg	☼	10/02/25 18:11	10/04/25 01:09	1
3-Nitroaniline	0.35	U	0.35	0.084	mg/Kg	☼	10/02/25 18:11	10/04/25 01:09	1
4,6-Dinitro-2-methylphenol	0.29	U	0.29	0.14	mg/Kg	☼	10/02/25 18:11	10/04/25 01:09	1
4-Bromophenyl phenyl ether	0.35	U	0.35	0.014	mg/Kg	☼	10/02/25 18:11	10/04/25 01:09	1
4-Chloro-3-methylphenol	0.35	U	0.35	0.020	mg/Kg	☼	10/02/25 18:11	10/04/25 01:09	1
4-Chloroaniline	0.35	U	0.35	0.063	mg/Kg	☼	10/02/25 18:11	10/04/25 01:09	1
4-Chlorophenyl phenyl ether	0.35	U	0.35	0.013	mg/Kg	☼	10/02/25 18:11	10/04/25 01:09	1
4-Methylphenol	0.35	U	0.35	0.022	mg/Kg	☼	10/02/25 18:11	10/04/25 01:09	1
4-Nitroaniline	0.35	U	0.35	0.090	mg/Kg	☼	10/02/25 18:11	10/04/25 01:09	1
4-Nitrophenol	0.72	U	0.72	0.058	mg/Kg	☼	10/02/25 18:11	10/04/25 01:09	1
Acenaphthene	0.35	U	0.35	0.010	mg/Kg	☼	10/02/25 18:11	10/04/25 01:09	1
Acenaphthylene	**0.019**	**J**	0.35	0.010	mg/Kg	☼	10/02/25 18:11	10/04/25 01:09	1
Acetophenone	0.35	U	0.35	0.017	mg/Kg	☼	10/02/25 18:11	10/04/25 01:09	1
Anthracene	**0.018**	**J**	0.35	0.011	mg/Kg	☼	10/02/25 18:11	10/04/25 01:09	1
Atrazine	0.14	U	0.14	0.021	mg/Kg	☼	10/02/25 18:11	10/04/25 01:09	1
Benzaldehyde	0.35	U	0.35	0.059	mg/Kg	☼	10/02/25 18:11	10/04/25 01:09	1
Benzo[a]anthracene	**0.030**	**J**	0.035	0.027	mg/Kg	☼	10/02/25 18:11	10/04/25 01:09	1
Benzo[a]pyrene	**0.037**		0.035	0.0095	mg/Kg	☼	10/02/25 18:11	10/04/25 01:09	1
Benzo[b]fluoranthene	**0.044**		0.035	0.0092	mg/Kg	☼	10/02/25 18:11	10/04/25 01:09	1
Benzo[g,h,i]perylene	**0.041**	**J**	0.35	0.010	mg/Kg	☼	10/02/25 18:11	10/04/25 01:09	1
Benzo[k]fluoranthene	**0.018**	**J**	0.035	0.0070	mg/Kg	☼	10/02/25 18:11	10/04/25 01:09	1
Bis(2-chloroethoxy)methane	0.35	U	0.35	0.066	mg/Kg	☼	10/02/25 18:11	10/04/25 01:09	1
Bis(2-chloroethyl)ether	0.035	U	0.035	0.012	mg/Kg	☼	10/02/25 18:11	10/04/25 01:09	1
Bis(2-ethylhexyl) phthalate	0.35	U	0.35	0.019	mg/Kg	☼	10/02/25 18:11	10/04/25 01:09	1
Butyl benzyl phthalate	0.35	U	0.35	0.017	mg/Kg	☼	10/02/25 18:11	10/04/25 01:09	1
Caprolactam	0.35	U	0.35	0.055	mg/Kg	☼	10/02/25 18:11	10/04/25 01:09	1
Carbazole	0.35	U	0.35	0.014	mg/Kg	☼	10/02/25 18:11	10/04/25 01:09	1
Chrysene	**0.027**	**J**	0.35	0.015	mg/Kg	☼	10/02/25 18:11	10/04/25 01:09	1
Dibenz(a,h)anthracene	0.035	U	0.035	0.015	mg/Kg	☼	10/02/25 18:11	10/04/25 01:09	1
Dibenzofuran	0.35	U	0.35	0.012	mg/Kg	☼	10/02/25 18:11	10/04/25 01:09	1

Client Sample ID: 43A_4-8
Date Collected: 10/01/25 08:05
Date Received: 10/01/25 16:15

Lab Sample ID: 460-336212-4
Matrix: Solid
Percent Solids: 93.1

Method: SW846 8270E - Semivolatile Organic Compounds (GC/MS) (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Diethyl phthalate	0.35	U	0.35	0.011	mg/Kg	☼	10/02/25 18:11	10/04/25 01:09	1
Dimethyl phthalate	0.35	U	0.35	0.081	mg/Kg	☼	10/02/25 18:11	10/04/25 01:09	1
Di-n-butyl phthalate	0.35	U	0.35	0.013	mg/Kg	☼	10/02/25 18:11	10/04/25 01:09	1
Di-n-octyl phthalate	0.35	U	0.35	0.019	mg/Kg	☼	10/02/25 18:11	10/04/25 01:09	1
Fluoranthene	**0.041**	**J**	0.35	0.012	mg/Kg	☼	10/02/25 18:11	10/04/25 01:09	1
Fluorene	0.35	U	0.35	0.010	mg/Kg	☼	10/02/25 18:11	10/04/25 01:09	1
Hexachlorobenzene	0.035	U	0.035	0.017	mg/Kg	☼	10/02/25 18:11	10/04/25 01:09	1
Hexachlorobutadiene	0.072	U	0.072	0.0076	mg/Kg	☼	10/02/25 18:11	10/04/25 01:09	1
Hexachlorocyclopentadiene	0.35	U	0.35	0.031	mg/Kg	☼	10/02/25 18:11	10/04/25 01:09	1
Hexachloroethane	0.035	U	0.035	0.012	mg/Kg	☼	10/02/25 18:11	10/04/25 01:09	1
Indeno[1,2,3-cd]pyrene	**0.035**		0.035	0.014	mg/Kg	☼	10/02/25 18:11	10/04/25 01:09	1
Isophorone	0.14	U	0.14	0.10	mg/Kg	☼	10/02/25 18:11	10/04/25 01:09	1
Naphthalene	0.35	U	0.35	0.0061	mg/Kg	☼	10/02/25 18:11	10/04/25 01:09	1
Nitrobenzene	0.035	U	0.035	0.020	mg/Kg	☼	10/02/25 18:11	10/04/25 01:09	1
N-Nitrosodi-n-propylamine	0.035	U	0.035	0.026	mg/Kg	☼	10/02/25 18:11	10/04/25 01:09	1
N-Nitrosodiphenylamine	0.35	U	0.35	0.029	mg/Kg	☼	10/02/25 18:11	10/04/25 01:09	1
Pentachlorophenol	0.29	U	0.29	0.073	mg/Kg	☼	10/02/25 18:11	10/04/25 01:09	1
Phenanthrene	**0.023**	**J**	0.35	0.014	mg/Kg	☼	10/02/25 18:11	10/04/25 01:09	1
Phenol	0.35	U	0.35	0.013	mg/Kg	☼	10/02/25 18:11	10/04/25 01:09	1
Pyrene	**0.043**	**J**	0.35	0.0088	mg/Kg	☼	10/02/25 18:11	10/04/25 01:09	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
2,4,6-Tribromophenol (Surr)	*61*		*18 - 137*	*10/02/25 18:11*	*10/04/25 01:09*	*1*
2-Fluorobiphenyl	*64*		*33 - 117*	*10/02/25 18:11*	*10/04/25 01:09*	*1*
2-Fluorophenol (Surr)	*65*		*24 - 120*	*10/02/25 18:11*	*10/04/25 01:09*	*1*
Nitrobenzene-d5 (Surr)	*68*		*27 - 120*	*10/02/25 18:11*	*10/04/25 01:09*	*1*
Phenol-d5 (Surr)	*66*		*28 - 118*	*10/02/25 18:11*	*10/04/25 01:09*	*1*
Terphenyl-d14 (Surr)	*72*		*33 - 124*	*10/02/25 18:11*	*10/04/25 01:09*	*1*

Method: SW846 8081B - Organochlorine Pesticides (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
4,4'-DDD	0.0072	U	0.0072	0.0012	mg/Kg	☼	10/02/25 18:00	10/03/25 10:48	1
4,4'-DDE	0.0072	U	0.0072	0.00085	mg/Kg	☼	10/02/25 18:00	10/03/25 10:48	1
4,4'-DDT	0.0072	U	0.0072	0.0013	mg/Kg	☼	10/02/25 18:00	10/03/25 10:48	1
Aldrin	0.0072	U	0.0072	0.0011	mg/Kg	☼	10/02/25 18:00	10/03/25 10:48	1
alpha-BHC	0.0021	U	0.0021	0.00073	mg/Kg	☼	10/02/25 18:00	10/03/25 10:48	1
beta-BHC	0.0021	U	0.0021	0.00081	mg/Kg	☼	10/02/25 18:00	10/03/25 10:48	1
Chlordane (technical)	0.072	U	0.072	0.017	mg/Kg	☼	10/02/25 18:00	10/03/25 10:48	1
cis-Chlordane	0.0072	U	0.0072	0.0011	mg/Kg	☼	10/02/25 18:00	10/03/25 10:48	1
delta-BHC	0.0021	U	0.0021	0.00044	mg/Kg	☼	10/02/25 18:00	10/03/25 10:48	1
Dieldrin	0.0021	U	0.0021	0.00093	mg/Kg	☼	10/02/25 18:00	10/03/25 10:48	1
Endosulfan I	0.0072	U	0.0072	0.0011	mg/Kg	☼	10/02/25 18:00	10/03/25 10:48	1
Endosulfan II	0.0072	U	0.0072	0.0018	mg/Kg	☼	10/02/25 18:00	10/03/25 10:48	1
Endosulfan sulfate	0.0072	U	0.0072	0.00090	mg/Kg	☼	10/02/25 18:00	10/03/25 10:48	1
Endrin	0.0072	U	0.0072	0.0010	mg/Kg	☼	10/02/25 18:00	10/03/25 10:48	1
Endrin aldehyde	0.0072	U	0.0072	0.0017	mg/Kg	☼	10/02/25 18:00	10/03/25 10:48	1
Endrin ketone	0.0072	U	0.0072	0.0014	mg/Kg	☼	10/02/25 18:00	10/03/25 10:48	1
gamma-BHC (Lindane)	0.0021	U	0.0021	0.00067	mg/Kg	☼	10/02/25 18:00	10/03/25 10:48	1
Heptachlor	0.0072	U	0.0072	0.00085	mg/Kg	☼	10/02/25 18:00	10/03/25 10:48	1
Heptachlor epoxide	0.0072	U	0.0072	0.0011	mg/Kg	☼	10/02/25 18:00	10/03/25 10:48	1

Client Sample ID: 43A_4-8
Date Collected: 10/01/25 08:05
Date Received: 10/01/25 16:15

Lab Sample ID: 460-336212-4
Matrix: Solid
Percent Solids: 93.1

Method: SW846 8081B - Organochlorine Pesticides (GC) (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Methoxychlor	0.0072	U	0.0072	0.0016	mg/Kg	☼	10/02/25 18:00	10/03/25 10:48	1
Toxaphene	0.072	U	0.072	0.026	mg/Kg	☼	10/02/25 18:00	10/03/25 10:48	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
DCB Decachlorobiphenyl	*111*		*10 - 150*	*10/02/25 18:00*	*10/03/25 10:48*	*1*
DCB Decachlorobiphenyl	*128*		*10 - 150*	*10/02/25 18:00*	*10/03/25 10:48*	*1*
Tetrachloro-m-xylene	*108*		*14 - 150*	*10/02/25 18:00*	*10/03/25 10:48*	*1*
Tetrachloro-m-xylene	*106*		*14 - 150*	*10/02/25 18:00*	*10/03/25 10:48*	*1*

Method: SW846 8082A - Polychlorinated Biphenyls (PCBs) by Gas Chromatography

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Aroclor 1016	0.072	U	0.072	0.019	mg/Kg	☼	10/02/25 17:41	10/03/25 16:28	1
Aroclor 1221	0.072	U	0.072	0.019	mg/Kg	☼	10/02/25 17:41	10/03/25 16:28	1
Aroclor 1232	0.072	U	0.072	0.019	mg/Kg	☼	10/02/25 17:41	10/03/25 16:28	1
Aroclor 1242	0.072	U	0.072	0.019	mg/Kg	☼	10/02/25 17:41	10/03/25 16:28	1
Aroclor 1248	0.072	U	0.072	0.019	mg/Kg	☼	10/02/25 17:41	10/03/25 16:28	1
Aroclor 1254	0.072	U	0.072	0.019	mg/Kg	☼	10/02/25 17:41	10/03/25 16:28	1
Aroclor 1260	0.072	U	0.072	0.019	mg/Kg	☼	10/02/25 17:41	10/03/25 16:28	1
Aroclor-1262	0.072	U	0.072	0.019	mg/Kg	☼	10/02/25 17:41	10/03/25 16:28	1
Aroclor 1268	0.072	U	0.072	0.019	mg/Kg	☼	10/02/25 17:41	10/03/25 16:28	1
Polychlorinated biphenyls, Total	0.072	U	0.072	0.019	mg/Kg	☼	10/02/25 17:41	10/03/25 16:28	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
DCB Decachlorobiphenyl	*167*	*	*10 - 150*	*10/02/25 17:41*	*10/03/25 16:28*	*1*
DCB Decachlorobiphenyl	*172*	*	*10 - 150*	*10/02/25 17:41*	*10/03/25 16:28*	*1*
Tetrachloro-m-xylene	*159*	*	*10 - 150*	*10/02/25 17:41*	*10/03/25 16:28*	*1*
Tetrachloro-m-xylene	*171*	*	*10 - 150*	*10/02/25 17:41*	*10/03/25 16:28*	*1*

Method: EPA 1633A - Per- and Polyfluoroalkyl Substances by LC/MS/MS, 1633A

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Perfluorobutanoic acid (PFBA)	0.40	U	0.40	0.099	ug/Kg	☼	10/07/25 14:14	10/07/25 23:39	1
Perfluoropentanoic acid (PFPeA)	0.20	U	0.20	0.099	ug/Kg	☼	10/07/25 14:14	10/07/25 23:39	1
Perfluorohexanoic acid (PFHxA)	0.20	U	0.20	0.099	ug/Kg	☼	10/07/25 14:14	10/07/25 23:39	1
Perfluoroheptanoic acid (PFHpA)	**0.23**		0.20	0.099	ug/Kg	☼	10/07/25 14:14	10/07/25 23:39	1
Perfluorooctanoic acid (PFOA)	**0.18**	**J**	0.20	0.059	ug/Kg	☼	10/07/25 14:14	10/07/25 23:39	1
Perfluorononanoic acid (PFNA)	**0.21**		0.20	0.099	ug/Kg	☼	10/07/25 14:14	10/07/25 23:39	1
Perfluorodecanoic acid (PFDA)	**0.10**	**J**	0.20	0.059	ug/Kg	☼	10/07/25 14:14	10/07/25 23:39	1
Perfluoroundecanoic acid (PFUnA)	**1.23**		0.20	0.099	ug/Kg	☼	10/07/25 14:14	10/07/25 23:39	1
Perfluorododecanoic acid (PFDoA)	0.20	U	0.20	0.099	ug/Kg	☼	10/07/25 14:14	10/07/25 23:39	1
Perfluorotridecanoic acid (PFTrDA)	**0.93**		0.20	0.099	ug/Kg	☼	10/07/25 14:14	10/07/25 23:39	1
Perfluorotetradecanoic acid (PFTeDA)	0.20	U	0.20	0.099	ug/Kg	☼	10/07/25 14:14	10/07/25 23:39	1
Perfluorobutanesulfonic acid (PFBS)	0.20	U	0.20	0.099	ug/Kg	☼	10/07/25 14:14	10/07/25 23:39	1
Perfluoropentanesulfonic acid (PFPeS)	0.20	U	0.20	0.099	ug/Kg	☼	10/07/25 14:14	10/07/25 23:39	1
Perfluorohexanesulfonic acid (PFHxS)	0.20	U	0.20	0.099	ug/Kg	☼	10/07/25 14:14	10/07/25 23:39	1
Perfluoroheptanesulfonic acid (PFHpS)	0.20	U	0.20	0.099	ug/Kg	☼	10/07/25 14:14	10/07/25 23:39	1
Perfluorooctanesulfonic acid (PFOS)	0.20	U	0.20	0.099	ug/Kg	☼	10/07/25 14:14	10/07/25 23:39	1
Perfluorononanesulfonic acid (PFNS)	0.20	U	0.20	0.099	ug/Kg	☼	10/07/25 14:14	10/07/25 23:39	1

Client Sample ID: 43A_4-8
Date Collected: 10/01/25 08:05
Date Received: 10/01/25 16:15

Lab Sample ID: 460-336212-4
Matrix: Solid
Percent Solids: 93.1

Method: EPA 1633A - Per- and Polyfluoroalkyl Substances by LC/MS/MS, 1633A (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Perfluorodecanesulfonic acid (PFDS)	0.20	U	0.20	0.099	ug/Kg	☼	10/07/25 14:14	10/07/25 23:39	1
Perfluorododecanesulfonic acid (PFDoS)	0.20	U	0.20	0.099	ug/Kg	☼	10/07/25 14:14	10/07/25 23:39	1
1H,1H,2H,2H-Perfluorohexane sulfonic acid (4:2 FTS)	0.40	U	0.40	0.20	ug/Kg	☼	10/07/25 14:14	10/07/25 23:39	1
1H,1H,2H,2H-Perfluorooctane sulfonic acid (6:2 FTS)	0.40	U	0.40	0.20	ug/Kg	☼	10/07/25 14:14	10/07/25 23:39	1
1H,1H,2H,2H-Perfluorodecane sulfonic acid (8:2 FTS)	0.40	U	0.40	0.20	ug/Kg	☼	10/07/25 14:14	10/07/25 23:39	1
Perfluorooctanesulfonamide (PFOSA)	0.20	U	0.20	0.099	ug/Kg	☼	10/07/25 14:14	10/07/25 23:39	1
N-methylperfluorooctane sulfonamide (NMeFOSA)	0.20	U	0.20	0.099	ug/Kg	☼	10/07/25 14:14	10/07/25 23:39	1
N-ethylperfluorooctane sulfonamide (NEtFOSA)	0.20	U	0.20	0.099	ug/Kg	☼	10/07/25 14:14	10/07/25 23:39	1
N-methylperfluorooctanesulfonamidoacetic acid (NMeFOSAA)	0.20	U	0.20	0.099	ug/Kg	☼	10/07/25 14:14	10/07/25 23:39	1
N-ethylperfluorooctanesulfonamidoacetic acid (NEtFOSAA)	0.20	U	0.20	0.099	ug/Kg	☼	10/07/25 14:14	10/07/25 23:39	1
N-methylperfluorooctane sulfonamidoethanol (NMeFOSE)	0.99	U	0.99	0.49	ug/Kg	☼	10/07/25 14:14	10/07/25 23:39	1
N-ethylperfluorooctane sulfonamidoethanol (NEtFOSE)	0.99	U	0.99	0.49	ug/Kg	☼	10/07/25 14:14	10/07/25 23:39	1
Hexafluoropropylene Oxide Dimer Acid (HFPO-DA)	0.20	U	0.20	0.099	ug/Kg	☼	10/07/25 14:14	10/07/25 23:39	1
4,8-Dioxa-3H-perfluorononanoic acid (ADONA)	0.20	U	0.20	0.099	ug/Kg	☼	10/07/25 14:14	10/07/25 23:39	1
Perfluoro-3-methoxypropanoic acid (PFMPA)	0.20	U	0.20	0.099	ug/Kg	☼	10/07/25 14:14	10/07/25 23:39	1
Perfluoro-4-methoxybutanoic acid (PFMBA)	0.20	U	0.20	0.099	ug/Kg	☼	10/07/25 14:14	10/07/25 23:39	1
Nonafluoro-3,6-dioxaheptanoic acid (NFDHA)	0.20	U	0.20	0.099	ug/Kg	☼	10/07/25 14:14	10/07/25 23:39	1
9-Chlorohexadecafluoro-3-oxanonane-1-sulfonic acid (9Cl-PF3ONS)	0.20	U	0.20	0.099	ug/Kg	☼	10/07/25 14:14	10/07/25 23:39	1
11-Chloroeicosafluoro-3-oxaundecane-1-sulfonic acid (11Cl-PF3OUdS)	0.20	U	0.20	0.099	ug/Kg	☼	10/07/25 14:14	10/07/25 23:39	1
Perfluoro (2-ethoxyethane) sulfonic acid (PFEESA)	0.20	U	0.20	0.099	ug/Kg	☼	10/07/25 14:14	10/07/25 23:39	1
3-Perfluoropropylpropanoic acid (3:3 FTCA)	0.40	U	0.40	0.20	ug/Kg	☼	10/07/25 14:14	10/07/25 23:39	1
3-Perfluoropentylpropanoic acid (5:3 FTCA)	0.99	U	0.99	0.49	ug/Kg	☼	10/07/25 14:14	10/07/25 23:39	1
3-Perfluoroheptylpropanoic acid (7:3 FTCA)	0.99	U	0.99	0.49	ug/Kg	☼	10/07/25 14:14	10/07/25 23:39	1

Isotope Dilution	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
13C4 PFBA	*120*		*8 - 130*	*10/07/25 14:14*	*10/07/25 23:39*	*1*
13C5 PFPeA	*129*		*35 - 130*	*10/07/25 14:14*	*10/07/25 23:39*	*1*
13C5 PFHxA	*115*		*40 - 130*	*10/07/25 14:14*	*10/07/25 23:39*	*1*
13C4 PFHpA	*121*		*40 - 130*	*10/07/25 14:14*	*10/07/25 23:39*	*1*
13C8 PFOA	*113*		*40 - 130*	*10/07/25 14:14*	*10/07/25 23:39*	*1*
13C9 PFNA	*116*		*40 - 130*	*10/07/25 14:14*	*10/07/25 23:39*	*1*
13C6 PFDA	*120*		*40 - 130*	*10/07/25 14:14*	*10/07/25 23:39*	*1*
13C7 PFUnA	*116*		*40 - 130*	*10/07/25 14:14*	*10/07/25 23:39*	*1*
13C2 PFTeDA	*90.2*		*20 - 130*	*10/07/25 14:14*	*10/07/25 23:39*	*1*

Client Sample ID: 43A_4-8
Date Collected: 10/01/25 08:05
Date Received: 10/01/25 16:15

Lab Sample ID: 460-336212-4
Matrix: Solid
Percent Solids: 93.1

Method: EPA 1633A - Per- and Polyfluoroalkyl Substances by LC/MS/MS, 1633A (Continued)

Isotope Dilution	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
13C3 PFBS	115		40 - 135	10/07/25 14:14	10/07/25 23:39	1
13C3 PFHxS	113		40 - 130	10/07/25 14:14	10/07/25 23:39	1
13C8 PFOS	117		40 - 130	10/07/25 14:14	10/07/25 23:39	1
13C8 FOSA	68.5		40 - 130	10/07/25 14:14	10/07/25 23:39	1
d3-NMeFOSAA	74.4		40 - 135	10/07/25 14:14	10/07/25 23:39	1
d5-NEtFOSAA	68.1		40 - 150	10/07/25 14:14	10/07/25 23:39	1
13C2 4:2 FTS	130		40 - 165	10/07/25 14:14	10/07/25 23:39	1
13C2 6:2 FTS	123		40 - 215	10/07/25 14:14	10/07/25 23:39	1
13C2 8:2 FTS	98.3		40 - 275	10/07/25 14:14	10/07/25 23:39	1
13C3 HFPO-DA	115		40 - 130	10/07/25 14:14	10/07/25 23:39	1
d7-N-MeFOSE-M	49.3		20 - 130	10/07/25 14:14	10/07/25 23:39	1
d9-N-EtFOSE-M	37.5		15 - 130	10/07/25 14:14	10/07/25 23:39	1
d5-NEtPFOSA	59.3		10 - 130	10/07/25 14:14	10/07/25 23:39	1
d3-NMePFOSA	61.5		10 - 130	10/07/25 14:14	10/07/25 23:39	1
13C2 PFDoA	107		40 - 130	10/07/25 14:14	10/07/25 23:39	1

Method: SW846 6020B - Metals (ICP/MS)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Aluminum	5130		19.2	5.3	mg/Kg	☼	10/07/25 06:40	10/07/25 17:14	1
Antimony	0.77	J	0.96	0.14	mg/Kg	☼	10/07/25 06:40	10/07/25 17:14	1
Arsenic	6.9		0.96	0.099	mg/Kg	☼	10/07/25 06:40	10/07/25 17:14	1
Barium	36.7		1.9	0.14	mg/Kg	☼	10/07/25 06:40	10/07/25 17:14	1
Beryllium	0.75		0.38	0.021	mg/Kg	☼	10/07/25 06:40	10/07/25 17:14	1
Cadmium	0.24	J	0.96	0.11	mg/Kg	☼	10/07/25 06:40	10/07/25 17:14	1
Calcium	1180		95.9	9.3	mg/Kg	☼	10/07/25 06:40	10/07/25 17:14	1
Chromium	17.6		1.9	0.28	mg/Kg	☼	10/07/25 06:40	10/07/25 17:14	1
Cobalt	7.7		0.96	0.14	mg/Kg	☼	10/07/25 06:40	10/07/25 17:14	1
Copper	64.9		1.9	0.35	mg/Kg	☼	10/07/25 06:40	10/07/25 17:14	1
Iron	17500		57.5	7.3	mg/Kg	☼	10/07/25 06:40	10/07/25 17:14	1
Lead	132		0.58	0.19	mg/Kg	☼	10/07/25 06:40	10/07/25 17:14	1
Magnesium	1670		95.9	9.8	mg/Kg	☼	10/07/25 06:40	10/07/25 17:14	1
Manganese	218		3.8	0.39	mg/Kg	☼	10/07/25 06:40	10/07/25 17:14	1
Nickel	34.3		1.9	0.17	mg/Kg	☼	10/07/25 06:40	10/07/25 17:14	1
Potassium	678		95.9	15.5	mg/Kg	☼	10/07/25 06:40	10/07/25 17:14	1
Selenium	0.31	J	1.2	0.12	mg/Kg	☼	10/07/25 06:40	10/07/25 17:14	1
Silver	0.22	J	0.38	0.085	mg/Kg	☼	10/07/25 06:40	10/07/25 17:14	1
Sodium	77.0	J	95.9	43.8	mg/Kg	☼	10/07/25 06:40	10/07/25 17:14	1
Thallium	0.075	J	0.38	0.039	mg/Kg	☼	10/07/25 06:40	10/07/25 17:14	1
Vanadium	21.5		1.9	0.20	mg/Kg	☼	10/07/25 06:40	10/07/25 17:14	1
Zinc	163		7.7	1.0	mg/Kg	☼	10/07/25 06:40	10/07/25 17:14	1

Method: SW846 7471B - Mercury (CVAA)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	0.044		0.018	0.0083	mg/Kg	☼	10/09/25 01:39	10/09/25 08:56	1

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Percent Moisture (EPA Moisture)	6.9		1.0	1.0	%			10/06/25 16:57	1
Percent Solids (EPA Moisture)	93.1		1.0	1.0	%			10/06/25 16:57	1

Client: Haley & Aldrich, Inc.
Project/Site: Former Port Mobil

Job ID: 460-336212-1

Client Sample ID: 43B_0-4
Date Collected: 10/01/25 08:10
Date Received: 10/01/25 16:15

Lab Sample ID: 460-336212-5
Matrix: Solid
Percent Solids: 93.4

Method: SW846 8270E - Semivolatile Organic Compounds (GC/MS)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1'-Biphenyl	0.35	U	0.35	0.012	mg/Kg	☼	10/02/25 18:11	10/04/25 03:00	1
1,2,4,5-Tetrachlorobenzene	0.35	U	0.35	0.011	mg/Kg	☼	10/02/25 18:11	10/04/25 03:00	1
1,4-Dioxane	0.035	U	0.035	0.031	mg/Kg	☼	10/02/25 18:11	10/04/25 03:00	1
2,2'-oxybis[1-chloropropane]	0.35	U	0.35	0.021	mg/Kg	☼	10/02/25 18:11	10/04/25 03:00	1
2,3,4,6-Tetrachlorophenol	0.35	U	0.35	0.024	mg/Kg	☼	10/02/25 18:11	10/04/25 03:00	1
2,4,5-Trichlorophenol	0.35	U	0.35	0.036	mg/Kg	☼	10/02/25 18:11	10/04/25 03:00	1
2,4,6-Trichlorophenol	0.14	U	0.14	0.045	mg/Kg	☼	10/02/25 18:11	10/04/25 03:00	1
2,4-Dichlorophenol	0.14	U	0.14	0.023	mg/Kg	☼	10/02/25 18:11	10/04/25 03:00	1
2,4-Dimethylphenol	0.35	U	0.35	0.042	mg/Kg	☼	10/02/25 18:11	10/04/25 03:00	1
2,4-Dinitrophenol	0.28	U	0.28	0.17	mg/Kg	☼	10/02/25 18:11	10/04/25 03:00	1
2,4-Dinitrotoluene	0.072	U	0.072	0.038	mg/Kg	☼	10/02/25 18:11	10/04/25 03:00	1
2,6-Dinitrotoluene	0.072	U	0.072	0.026	mg/Kg	☼	10/02/25 18:11	10/04/25 03:00	1
2-Chloronaphthalene	0.35	U	0.35	0.046	mg/Kg	☼	10/02/25 18:11	10/04/25 03:00	1
2-Chlorophenol	0.35	U	0.35	0.013	mg/Kg	☼	10/02/25 18:11	10/04/25 03:00	1
2-Methylnaphthalene	**0.017**	**J**	0.35	0.0099	mg/Kg	☼	10/02/25 18:11	10/04/25 03:00	1
2-Methylphenol	0.35	U	0.35	0.013	mg/Kg	☼	10/02/25 18:11	10/04/25 03:00	1
2-Nitroaniline	0.35	U	0.35	0.027	mg/Kg	☼	10/02/25 18:11	10/04/25 03:00	1
2-Nitrophenol	0.35	U	0.35	0.035	mg/Kg	☼	10/02/25 18:11	10/04/25 03:00	1
3 & 4 Methylphenol	0.35	U	0.35	0.022	mg/Kg	☼	10/02/25 18:11	10/04/25 03:00	1
3,3'-Dichlorobenzidine	0.14	U	0.14	0.054	mg/Kg	☼	10/02/25 18:11	10/04/25 03:00	1
3-Nitroaniline	0.35	U	0.35	0.084	mg/Kg	☼	10/02/25 18:11	10/04/25 03:00	1
4,6-Dinitro-2-methylphenol	0.28	U	0.28	0.14	mg/Kg	☼	10/02/25 18:11	10/04/25 03:00	1
4-Bromophenyl phenyl ether	0.35	U	0.35	0.014	mg/Kg	☼	10/02/25 18:11	10/04/25 03:00	1
4-Chloro-3-methylphenol	0.35	U	0.35	0.020	mg/Kg	☼	10/02/25 18:11	10/04/25 03:00	1
4-Chloroaniline	0.35	U	0.35	0.063	mg/Kg	☼	10/02/25 18:11	10/04/25 03:00	1
4-Chlorophenyl phenyl ether	0.35	U	0.35	0.013	mg/Kg	☼	10/02/25 18:11	10/04/25 03:00	1
4-Methylphenol	0.35	U	0.35	0.022	mg/Kg	☼	10/02/25 18:11	10/04/25 03:00	1
4-Nitroaniline	0.35	U	0.35	0.090	mg/Kg	☼	10/02/25 18:11	10/04/25 03:00	1
4-Nitrophenol	0.72	U	0.72	0.058	mg/Kg	☼	10/02/25 18:11	10/04/25 03:00	1
Acenaphthene	**0.023**	**J**	0.35	0.010	mg/Kg	☼	10/02/25 18:11	10/04/25 03:00	1
Acenaphthylene	**0.28**	**J**	0.35	0.010	mg/Kg	☼	10/02/25 18:11	10/04/25 03:00	1
Acetophenone	0.35	U	0.35	0.017	mg/Kg	☼	10/02/25 18:11	10/04/25 03:00	1
Anthracene	**0.41**		0.35	0.011	mg/Kg	☼	10/02/25 18:11	10/04/25 03:00	1
Atrazine	0.14	U	0.14	0.021	mg/Kg	☼	10/02/25 18:11	10/04/25 03:00	1
Benzaldehyde	0.35	U	0.35	0.059	mg/Kg	☼	10/02/25 18:11	10/04/25 03:00	1
Benzo[a]anthracene	**0.29**		0.035	0.027	mg/Kg	☼	10/02/25 18:11	10/04/25 03:00	1
Benzo[a]pyrene	**0.46**		0.035	0.0094	mg/Kg	☼	10/02/25 18:11	10/04/25 03:00	1
Benzo[b]fluoranthene	**0.55**		0.035	0.0092	mg/Kg	☼	10/02/25 18:11	10/04/25 03:00	1
Benzo[g,h,i]perylene	**0.45**		0.35	0.010	mg/Kg	☼	10/02/25 18:11	10/04/25 03:00	1
Benzo[k]fluoranthene	**0.19**		0.035	0.0069	mg/Kg	☼	10/02/25 18:11	10/04/25 03:00	1
Bis(2-chloroethoxy)methane	0.35	U	0.35	0.065	mg/Kg	☼	10/02/25 18:11	10/04/25 03:00	1
Bis(2-chloroethyl)ether	0.035	U	0.035	0.012	mg/Kg	☼	10/02/25 18:11	10/04/25 03:00	1
Bis(2-ethylhexyl) phthalate	0.35	U	0.35	0.019	mg/Kg	☼	10/02/25 18:11	10/04/25 03:00	1
Butyl benzyl phthalate	0.35	U	0.35	0.017	mg/Kg	☼	10/02/25 18:11	10/04/25 03:00	1
Caprolactam	0.35	U	0.35	0.055	mg/Kg	☼	10/02/25 18:11	10/04/25 03:00	1
Carbazole	**0.14**	**J**	0.35	0.013	mg/Kg	☼	10/02/25 18:11	10/04/25 03:00	1
Chrysene	**0.36**		0.35	0.015	mg/Kg	☼	10/02/25 18:11	10/04/25 03:00	1
Dibenz(a,h)anthracene	**0.076**		0.035	0.015	mg/Kg	☼	10/02/25 18:11	10/04/25 03:00	1
Dibenzofuran	**0.020**	**J**	0.35	0.012	mg/Kg	☼	10/02/25 18:11	10/04/25 03:00	1

Client Sample ID: 43B_0-4
Date Collected: 10/01/25 08:10
Date Received: 10/01/25 16:15

Lab Sample ID: 460-336212-5
Matrix: Solid
Percent Solids: 93.4

Method: SW846 8270E - Semivolatile Organic Compounds (GC/MS) (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Diethyl phthalate	0.35	U	0.35	0.011	mg/Kg	☼	10/02/25 18:11	10/04/25 03:00	1
Dimethyl phthalate	0.35	U	0.35	0.081	mg/Kg	☼	10/02/25 18:11	10/04/25 03:00	1
Di-n-butyl phthalate	0.35	U	0.35	0.013	mg/Kg	☼	10/02/25 18:11	10/04/25 03:00	1
Di-n-octyl phthalate	0.35	U	0.35	0.019	mg/Kg	☼	10/02/25 18:11	10/04/25 03:00	1
Fluoranthene	**0.54**		0.35	0.012	mg/Kg	☼	10/02/25 18:11	10/04/25 03:00	1
Fluorene	**0.044**	**J**	0.35	0.010	mg/Kg	☼	10/02/25 18:11	10/04/25 03:00	1
Hexachlorobenzene	0.035	U	0.035	0.017	mg/Kg	☼	10/02/25 18:11	10/04/25 03:00	1
Hexachlorobutadiene	0.072	U	0.072	0.0075	mg/Kg	☼	10/02/25 18:11	10/04/25 03:00	1
Hexachlorocyclopentadiene	0.35	U	0.35	0.031	mg/Kg	☼	10/02/25 18:11	10/04/25 03:00	1
Hexachloroethane	0.035	U	0.035	0.012	mg/Kg	☼	10/02/25 18:11	10/04/25 03:00	1
Indeno[1,2,3-cd]pyrene	**0.42**		0.035	0.014	mg/Kg	☼	10/02/25 18:11	10/04/25 03:00	1
Isophorone	0.14	U	0.14	0.10	mg/Kg	☼	10/02/25 18:11	10/04/25 03:00	1
Naphthalene	**0.041**	**J**	0.35	0.0061	mg/Kg	☼	10/02/25 18:11	10/04/25 03:00	1
Nitrobenzene	0.035	U	0.035	0.020	mg/Kg	☼	10/02/25 18:11	10/04/25 03:00	1
N-Nitrosodi-n-propylamine	0.035	U	0.035	0.026	mg/Kg	☼	10/02/25 18:11	10/04/25 03:00	1
N-Nitrosodiphenylamine	0.35	U	0.35	0.029	mg/Kg	☼	10/02/25 18:11	10/04/25 03:00	1
Pentachlorophenol	0.28	U	0.28	0.073	mg/Kg	☼	10/02/25 18:11	10/04/25 03:00	1
Phenanthrene	**0.29**	**J**	0.35	0.014	mg/Kg	☼	10/02/25 18:11	10/04/25 03:00	1
Phenol	0.35	U	0.35	0.013	mg/Kg	☼	10/02/25 18:11	10/04/25 03:00	1
Pyrene	**0.50**		0.35	0.0088	mg/Kg	☼	10/02/25 18:11	10/04/25 03:00	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
2,4,6-Tribromophenol (Surr)	*58*		*18 - 137*	*10/02/25 18:11*	*10/04/25 03:00*	*1*
2-Fluorobiphenyl	*61*		*33 - 117*	*10/02/25 18:11*	*10/04/25 03:00*	*1*
2-Fluorophenol (Surr)	*63*		*24 - 120*	*10/02/25 18:11*	*10/04/25 03:00*	*1*
Nitrobenzene-d5 (Surr)	*65*		*27 - 120*	*10/02/25 18:11*	*10/04/25 03:00*	*1*
Phenol-d5 (Surr)	*60*		*28 - 118*	*10/02/25 18:11*	*10/04/25 03:00*	*1*
Terphenyl-d14 (Surr)	*63*		*33 - 124*	*10/02/25 18:11*	*10/04/25 03:00*	*1*

Method: SW846 8081B - Organochlorine Pesticides (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
4,4'-DDD	0.0072	U	0.0072	0.0012	mg/Kg	☼	10/02/25 18:00	10/03/25 11:00	1
4,4'-DDE	0.0072	U	0.0072	0.00085	mg/Kg	☼	10/02/25 18:00	10/03/25 11:00	1
4,4'-DDT	0.0072	U	0.0072	0.0013	mg/Kg	☼	10/02/25 18:00	10/03/25 11:00	1
Aldrin	0.0072	U	0.0072	0.0011	mg/Kg	☼	10/02/25 18:00	10/03/25 11:00	1
alpha-BHC	0.0021	U	0.0021	0.00073	mg/Kg	☼	10/02/25 18:00	10/03/25 11:00	1
beta-BHC	0.0021	U	0.0021	0.00080	mg/Kg	☼	10/02/25 18:00	10/03/25 11:00	1
Chlordane (technical)	0.072	U	0.072	0.017	mg/Kg	☼	10/02/25 18:00	10/03/25 11:00	1
cis-Chlordane	0.0072	U	0.0072	0.0011	mg/Kg	☼	10/02/25 18:00	10/03/25 11:00	1
delta-BHC	0.0021	U	0.0021	0.00044	mg/Kg	☼	10/02/25 18:00	10/03/25 11:00	1
Dieldrin	0.0021	U	0.0021	0.00093	mg/Kg	☼	10/02/25 18:00	10/03/25 11:00	1
Endosulfan I	0.0072	U	0.0072	0.0011	mg/Kg	☼	10/02/25 18:00	10/03/25 11:00	1
Endosulfan II	0.0072	U	0.0072	0.0018	mg/Kg	☼	10/02/25 18:00	10/03/25 11:00	1
Endosulfan sulfate	0.0072	U	0.0072	0.00090	mg/Kg	☼	10/02/25 18:00	10/03/25 11:00	1
Endrin	0.0072	U	0.0072	0.0010	mg/Kg	☼	10/02/25 18:00	10/03/25 11:00	1
Endrin aldehyde	0.0072	U	0.0072	0.0017	mg/Kg	☼	10/02/25 18:00	10/03/25 11:00	1
Endrin ketone	0.0072	U	0.0072	0.0014	mg/Kg	☼	10/02/25 18:00	10/03/25 11:00	1
gamma-BHC (Lindane)	0.0021	U	0.0021	0.00066	mg/Kg	☼	10/02/25 18:00	10/03/25 11:00	1
Heptachlor	0.0072	U	0.0072	0.00085	mg/Kg	☼	10/02/25 18:00	10/03/25 11:00	1
Heptachlor epoxide	0.0072	U	0.0072	0.0011	mg/Kg	☼	10/02/25 18:00	10/03/25 11:00	1

Client Sample ID: 43B_0-4
Date Collected: 10/01/25 08:10
Date Received: 10/01/25 16:15

Lab Sample ID: 460-336212-5
Matrix: Solid
Percent Solids: 93.4

Method: SW846 8081B - Organochlorine Pesticides (GC) (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Methoxychlor	0.0072	U	0.0072	0.0016	mg/Kg	☼	10/02/25 18:00	10/03/25 11:00	1
Toxaphene	0.072	U	0.072	0.026	mg/Kg	☼	10/02/25 18:00	10/03/25 11:00	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
DCB Decachlorobiphenyl	*98*		*10 - 150*	*10/02/25 18:00*	*10/03/25 11:00*	*1*
DCB Decachlorobiphenyl	*131*		*10 - 150*	*10/02/25 18:00*	*10/03/25 11:00*	*1*
Tetrachloro-m-xylene	*89*		*14 - 150*	*10/02/25 18:00*	*10/03/25 11:00*	*1*
Tetrachloro-m-xylene	*105*		*14 - 150*	*10/02/25 18:00*	*10/03/25 11:00*	*1*

Method: SW846 8082A - Polychlorinated Biphenyls (PCBs) by Gas Chromatography

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Aroclor 1016	0.072	U	0.072	0.019	mg/Kg	☼	10/02/25 17:41	10/03/25 16:44	1
Aroclor 1221	0.072	U	0.072	0.019	mg/Kg	☼	10/02/25 17:41	10/03/25 16:44	1
Aroclor 1232	0.072	U	0.072	0.019	mg/Kg	☼	10/02/25 17:41	10/03/25 16:44	1
Aroclor 1242	0.072	U	0.072	0.019	mg/Kg	☼	10/02/25 17:41	10/03/25 16:44	1
Aroclor 1248	0.072	U	0.072	0.019	mg/Kg	☼	10/02/25 17:41	10/03/25 16:44	1
Aroclor 1254	0.072	U	0.072	0.019	mg/Kg	☼	10/02/25 17:41	10/03/25 16:44	1
Aroclor 1260	0.072	U	0.072	0.019	mg/Kg	☼	10/02/25 17:41	10/03/25 16:44	1
Aroclor-1262	0.072	U	0.072	0.019	mg/Kg	☼	10/02/25 17:41	10/03/25 16:44	1
Aroclor 1268	0.072	U	0.072	0.019	mg/Kg	☼	10/02/25 17:41	10/03/25 16:44	1
Polychlorinated biphenyls, Total	0.072	U	0.072	0.019	mg/Kg	☼	10/02/25 17:41	10/03/25 16:44	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
DCB Decachlorobiphenyl	*147*		*10 - 150*	*10/02/25 17:41*	*10/03/25 16:44*	*1*
DCB Decachlorobiphenyl	*148*		*10 - 150*	*10/02/25 17:41*	*10/03/25 16:44*	*1*
Tetrachloro-m-xylene	*140*		*10 - 150*	*10/02/25 17:41*	*10/03/25 16:44*	*1*
Tetrachloro-m-xylene	*148*		*10 - 150*	*10/02/25 17:41*	*10/03/25 16:44*	*1*

Method: EPA 1633A - Per- and Polyfluoroalkyl Substances by LC/MS/MS, 1633A

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Perfluorobutanoic acid (PFBA)	0.38	U	0.38	0.096	ug/Kg	☼	10/07/25 14:14	10/07/25 23:52	1
Perfluoropentanoic acid (PFPeA)	**0.27**		0.19	0.096	ug/Kg	☼	10/07/25 14:14	10/07/25 23:52	1
Perfluorohexanoic acid (PFHxA)	**0.25**		0.19	0.096	ug/Kg	☼	10/07/25 14:14	10/07/25 23:52	1
Perfluoroheptanoic acid (PFHpA)	**0.80**		0.19	0.096	ug/Kg	☼	10/07/25 14:14	10/07/25 23:52	1
Perfluorooctanoic acid (PFOA)	**0.58**		0.19	0.057	ug/Kg	☼	10/07/25 14:14	10/07/25 23:52	1
Perfluorononanoic acid (PFNA)	**1.38**		0.19	0.096	ug/Kg	☼	10/07/25 14:14	10/07/25 23:52	1
Perfluorodecanoic acid (PFDA)	**0.35**		0.19	0.057	ug/Kg	☼	10/07/25 14:14	10/07/25 23:52	1
Perfluoroundecanoic acid (PFUnA)	**3.45**		0.19	0.096	ug/Kg	☼	10/07/25 14:14	10/07/25 23:52	1
Perfluorododecanoic acid (PFDoA)	**0.20**		0.19	0.096	ug/Kg	☼	10/07/25 14:14	10/07/25 23:52	1
Perfluorotridecanoic acid (PFTrDA)	**2.41**		0.19	0.096	ug/Kg	☼	10/07/25 14:14	10/07/25 23:52	1
Perfluorotetradecanoic acid (PFTeDA)	0.19	U	0.19	0.096	ug/Kg	☼	10/07/25 14:14	10/07/25 23:52	1
Perfluorobutanesulfonic acid (PFBS)	0.19	U	0.19	0.096	ug/Kg	☼	10/07/25 14:14	10/07/25 23:52	1
Perfluoropentanesulfonic acid (PFPeS)	0.19	U	0.19	0.096	ug/Kg	☼	10/07/25 14:14	10/07/25 23:52	1
Perfluorohexanesulfonic acid (PFHxS)	0.19	U	0.19	0.096	ug/Kg	☼	10/07/25 14:14	10/07/25 23:52	1
Perfluoroheptanesulfonic acid (PFHpS)	0.19	U	0.19	0.096	ug/Kg	☼	10/07/25 14:14	10/07/25 23:52	1
Perfluorooctanesulfonic acid (PFOS)	**0.32**		0.19	0.096	ug/Kg	☼	10/07/25 14:14	10/07/25 23:52	1

Client Sample ID: 43B_0-4
Date Collected: 10/01/25 08:10
Date Received: 10/01/25 16:15

Lab Sample ID: 460-336212-5
Matrix: Solid
Percent Solids: 93.4

Method: EPA 1633A - Per- and Polyfluoroalkyl Substances by LC/MS/MS, 1633A (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Perfluorononanesulfonic acid (PFNS)	0.19	U	0.19	0.096	ug/Kg	☼	10/07/25 14:14	10/07/25 23:52	1
Perfluorodecanesulfonic acid (PFDS)	0.19	U	0.19	0.096	ug/Kg	☼	10/07/25 14:14	10/07/25 23:52	1
Perfluorododecanesulfonic acid (PFDoS)	0.19	U	0.19	0.096	ug/Kg	☼	10/07/25 14:14	10/07/25 23:52	1
1H,1H,2H,2H-Perfluorohexane sulfonic acid (4:2 FTS)	0.38	U	0.38	0.19	ug/Kg	☼	10/07/25 14:14	10/07/25 23:52	1
1H,1H,2H,2H-Perfluorooctane sulfonic acid (6:2 FTS)	0.38	U	0.38	0.19	ug/Kg	☼	10/07/25 14:14	10/07/25 23:52	1
1H,1H,2H,2H-Perfluorodecane sulfonic acid (8:2 FTS)	**0.63**		0.38	0.19	ug/Kg	☼	10/07/25 14:14	10/07/25 23:52	1
Perfluorooctanesulfonamide (PFOSA)	0.19	U	0.19	0.096	ug/Kg	☼	10/07/25 14:14	10/07/25 23:52	1
N-methylperfluorooctane sulfonamide (NMeFOSA)	0.19	U	0.19	0.096	ug/Kg	☼	10/07/25 14:14	10/07/25 23:52	1
N-ethylperfluorooctane sulfonamide (NEtFOSA)	0.19	U	0.19	0.096	ug/Kg	☼	10/07/25 14:14	10/07/25 23:52	1
N-methylperfluorooctanesulfonamidoacetic acid (NMeFOSAA)	0.19	U	0.19	0.096	ug/Kg	☼	10/07/25 14:14	10/07/25 23:52	1
N-ethylperfluorooctanesulfonamidoacetic acid (NEtFOSAA)	0.19	U	0.19	0.096	ug/Kg	☼	10/07/25 14:14	10/07/25 23:52	1
N-methylperfluorooctane sulfonamidoethanol (NMeFOSE)	0.96	U	0.96	0.48	ug/Kg	☼	10/07/25 14:14	10/07/25 23:52	1
N-ethylperfluorooctane sulfonamidoethanol (NEtFOSE)	0.96	U	0.96	0.48	ug/Kg	☼	10/07/25 14:14	10/07/25 23:52	1
Hexafluoropropylene Oxide Dimer Acid (HFPO-DA)	0.19	U	0.19	0.096	ug/Kg	☼	10/07/25 14:14	10/07/25 23:52	1
4,8-Dioxa-3H-perfluorononanoic acid (ADONA)	0.19	U	0.19	0.096	ug/Kg	☼	10/07/25 14:14	10/07/25 23:52	1
Perfluoro-3-methoxypropanoic acid (PFMPA)	0.19	U	0.19	0.096	ug/Kg	☼	10/07/25 14:14	10/07/25 23:52	1
Perfluoro-4-methoxybutanoic acid (PFMBA)	0.19	U	0.19	0.096	ug/Kg	☼	10/07/25 14:14	10/07/25 23:52	1
Nonafluoro-3,6-dioxaheptanoic acid (NFDHA)	0.19	U	0.19	0.096	ug/Kg	☼	10/07/25 14:14	10/07/25 23:52	1
9-Chlorohexadecafluoro-3-oxanonane-1-sulfonic acid (9Cl-PF3ONS)	0.19	U	0.19	0.096	ug/Kg	☼	10/07/25 14:14	10/07/25 23:52	1
11-Chloroeicosafluoro-3-oxaundecane-1-sulfonic acid (11Cl-PF3OUdS)	0.19	U	0.19	0.096	ug/Kg	☼	10/07/25 14:14	10/07/25 23:52	1
Perfluoro (2-ethoxyethane) sulfonic acid (PFEESA)	0.19	U	0.19	0.096	ug/Kg	☼	10/07/25 14:14	10/07/25 23:52	1
3-Perfluoropropylpropanoic acid (3:3 FTCA)	0.38	U	0.38	0.19	ug/Kg	☼	10/07/25 14:14	10/07/25 23:52	1
3-Perfluoropentylpropanoic acid (5:3 FTCA)	0.96	U	0.96	0.48	ug/Kg	☼	10/07/25 14:14	10/07/25 23:52	1
3-Perfluoroheptylpropanoic acid (7:3 FTCA)	0.96	U	0.96	0.48	ug/Kg	☼	10/07/25 14:14	10/07/25 23:52	1

Isotope Dilution	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
13C4 PFBA	*105*		*8 - 130*	*10/07/25 14:14*	*10/07/25 23:52*	*1*
13C5 PFPeA	*113*		*35 - 130*	*10/07/25 14:14*	*10/07/25 23:52*	*1*
13C5 PFHxA	*97.5*		*40 - 130*	*10/07/25 14:14*	*10/07/25 23:52*	*1*
13C4 PFHpA	*105*		*40 - 130*	*10/07/25 14:14*	*10/07/25 23:52*	*1*
13C8 PFOA	*98.1*		*40 - 130*	*10/07/25 14:14*	*10/07/25 23:52*	*1*
13C9 PFNA	*90.9*		*40 - 130*	*10/07/25 14:14*	*10/07/25 23:52*	*1*
13C6 PFDA	*95.2*		*40 - 130*	*10/07/25 14:14*	*10/07/25 23:52*	*1*
13C7 PFUnA	*90.8*		*40 - 130*	*10/07/25 14:14*	*10/07/25 23:52*	*1*

Client Sample ID: 43B_0-4

Date Collected: 10/01/25 08:10
Date Received: 10/01/25 16:15

Lab Sample ID: 460-336212-5

Matrix: Solid
Percent Solids: 93.4

Method: EPA 1633A - Per- and Polyfluoroalkyl Substances by LC/MS/MS, 1633A (Continued)

Isotope Dilution	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
13C2 PFTeDA	56.9		20 - 130	10/07/25 14:14	10/07/25 23:52	1
13C3 PFBS	99.4		40 - 135	10/07/25 14:14	10/07/25 23:52	1
13C3 PFHxS	98.3		40 - 130	10/07/25 14:14	10/07/25 23:52	1
13C8 PFOS	92.4		40 - 130	10/07/25 14:14	10/07/25 23:52	1
13C8 FOSA	59.6		40 - 130	10/07/25 14:14	10/07/25 23:52	1
d3-NMeFOSAA	60.2		40 - 135	10/07/25 14:14	10/07/25 23:52	1
d5-NEtFOSAA	58.4		40 - 150	10/07/25 14:14	10/07/25 23:52	1
13C2 4:2 FTS	119		40 - 165	10/07/25 14:14	10/07/25 23:52	1
13C2 6:2 FTS	125		40 - 215	10/07/25 14:14	10/07/25 23:52	1
13C2 8:2 FTS	90.9		40 - 275	10/07/25 14:14	10/07/25 23:52	1
13C3 HFPO-DA	98.6		40 - 130	10/07/25 14:14	10/07/25 23:52	1
d7-N-MeFOSE-M	38.3		20 - 130	10/07/25 14:14	10/07/25 23:52	1
d9-N-EtFOSE-M	26.5		15 - 130	10/07/25 14:14	10/07/25 23:52	1
d5-NEtPFOSA	49.7		10 - 130	10/07/25 14:14	10/07/25 23:52	1
d3-NMePFOSA	52.8		10 - 130	10/07/25 14:14	10/07/25 23:52	1
13C2 PFDoA	84.7		40 - 130	10/07/25 14:14	10/07/25 23:52	1

Method: SW846 6020B - Metals (ICP/MS)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Aluminum	6510		19.1	5.2	mg/Kg	☼	10/07/25 06:40	10/07/25 17:22	1
Antimony	1.1		0.96	0.14	mg/Kg	☼	10/07/25 06:40	10/07/25 17:22	1
Arsenic	6.1		0.96	0.098	mg/Kg	☼	10/07/25 06:40	10/07/25 17:22	1
Barium	57.4		1.9	0.14	mg/Kg	☼	10/07/25 06:40	10/07/25 17:22	1
Beryllium	2.4		0.38	0.021	mg/Kg	☼	10/07/25 06:40	10/07/25 17:22	1
Cadmium	0.34	J	0.96	0.11	mg/Kg	☼	10/07/25 06:40	10/07/25 17:22	1
Calcium	1300		95.6	9.3	mg/Kg	☼	10/07/25 06:40	10/07/25 17:22	1
Chromium	32.4		1.9	0.28	mg/Kg	☼	10/07/25 06:40	10/07/25 17:22	1
Cobalt	32.1		0.96	0.14	mg/Kg	☼	10/07/25 06:40	10/07/25 17:22	1
Copper	281		1.9	0.35	mg/Kg	☼	10/07/25 06:40	10/07/25 17:22	1
Iron	24500		57.4	7.3	mg/Kg	☼	10/07/25 06:40	10/07/25 17:22	1
Lead	287		0.57	0.19	mg/Kg	☼	10/07/25 06:40	10/07/25 17:22	1
Magnesium	1760		95.6	9.8	mg/Kg	☼	10/07/25 06:40	10/07/25 17:22	1
Manganese	332		3.8	0.39	mg/Kg	☼	10/07/25 06:40	10/07/25 17:22	1
Nickel	174		1.9	0.17	mg/Kg	☼	10/07/25 06:40	10/07/25 17:22	1
Potassium	804		95.6	15.5	mg/Kg	☼	10/07/25 06:40	10/07/25 17:22	1
Selenium	0.85	J	1.2	0.12	mg/Kg	☼	10/07/25 06:40	10/07/25 17:22	1
Silver	0.27	J	0.38	0.085	mg/Kg	☼	10/07/25 06:40	10/07/25 17:22	1
Sodium	108		95.6	43.7	mg/Kg	☼	10/07/25 06:40	10/07/25 17:22	1
Thallium	0.094	J	0.38	0.039	mg/Kg	☼	10/07/25 06:40	10/07/25 17:22	1
Vanadium	23.8		1.9	0.20	mg/Kg	☼	10/07/25 06:40	10/07/25 17:22	1
Zinc	802		7.6	1.0	mg/Kg	☼	10/07/25 06:40	10/07/25 17:22	1

Method: SW846 7471B - Mercury (CVAA)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	0.055		0.017	0.0080	mg/Kg	☼	10/09/25 01:39	10/09/25 08:59	1

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Percent Moisture (EPA Moisture)	6.6		1.0	1.0	%			10/06/25 16:57	1
Percent Solids (EPA Moisture)	93.4		1.0	1.0	%			10/06/25 16:57	1

Client Sample ID: 43B_4-8
Date Collected: 10/01/25 08:15
Date Received: 10/01/25 16:15

Lab Sample ID: 460-336212-6
Matrix: Solid
Percent Solids: 92.6

Method: SW846 8270E - Semivolatile Organic Compounds (GC/MS)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1'-Biphenyl	0.36	U	0.36	0.012	mg/Kg	☼	10/02/25 18:11	10/04/25 01:31	1
1,2,4,5-Tetrachlorobenzene	0.36	U	0.36	0.011	mg/Kg	☼	10/02/25 18:11	10/04/25 01:31	1
1,4-Dioxane	0.036	U	0.036	0.031	mg/Kg	☼	10/02/25 18:11	10/04/25 01:31	1
2,2'-oxybis[1-chloropropane]	0.36	U	0.36	0.021	mg/Kg	☼	10/02/25 18:11	10/04/25 01:31	1
2,3,4,6-Tetrachlorophenol	0.36	U	0.36	0.024	mg/Kg	☼	10/02/25 18:11	10/04/25 01:31	1
2,4,5-Trichlorophenol	0.36	U	0.36	0.036	mg/Kg	☼	10/02/25 18:11	10/04/25 01:31	1
2,4,6-Trichlorophenol	0.14	U	0.14	0.046	mg/Kg	☼	10/02/25 18:11	10/04/25 01:31	1
2,4-Dichlorophenol	0.14	U	0.14	0.023	mg/Kg	☼	10/02/25 18:11	10/04/25 01:31	1
2,4-Dimethylphenol	0.36	U	0.36	0.043	mg/Kg	☼	10/02/25 18:11	10/04/25 01:31	1
2,4-Dinitrophenol	0.29	U	0.29	0.18	mg/Kg	☼	10/02/25 18:11	10/04/25 01:31	1
2,4-Dinitrotoluene	0.072	U	0.072	0.038	mg/Kg	☼	10/02/25 18:11	10/04/25 01:31	1
2,6-Dinitrotoluene	0.072	U	0.072	0.026	mg/Kg	☼	10/02/25 18:11	10/04/25 01:31	1
2-Chloronaphthalene	0.36	U	0.36	0.046	mg/Kg	☼	10/02/25 18:11	10/04/25 01:31	1
2-Chlorophenol	0.36	U	0.36	0.013	mg/Kg	☼	10/02/25 18:11	10/04/25 01:31	1
2-Methylnaphthalene	0.36	U	0.36	0.010	mg/Kg	☼	10/02/25 18:11	10/04/25 01:31	1
2-Methylphenol	0.36	U	0.36	0.013	mg/Kg	☼	10/02/25 18:11	10/04/25 01:31	1
2-Nitroaniline	0.36	U	0.36	0.027	mg/Kg	☼	10/02/25 18:11	10/04/25 01:31	1
2-Nitrophenol	0.36	U	0.36	0.036	mg/Kg	☼	10/02/25 18:11	10/04/25 01:31	1
3 & 4 Methylphenol	0.36	U	0.36	0.022	mg/Kg	☼	10/02/25 18:11	10/04/25 01:31	1
3,3'-Dichlorobenzidine	0.14	U	0.14	0.054	mg/Kg	☼	10/02/25 18:11	10/04/25 01:31	1
3-Nitroaniline	0.36	U	0.36	0.085	mg/Kg	☼	10/02/25 18:11	10/04/25 01:31	1
4,6-Dinitro-2-methylphenol	0.29	U	0.29	0.15	mg/Kg	☼	10/02/25 18:11	10/04/25 01:31	1
4-Bromophenyl phenyl ether	0.36	U	0.36	0.014	mg/Kg	☼	10/02/25 18:11	10/04/25 01:31	1
4-Chloro-3-methylphenol	0.36	U	0.36	0.020	mg/Kg	☼	10/02/25 18:11	10/04/25 01:31	1
4-Chloroaniline	0.36	U	0.36	0.063	mg/Kg	☼	10/02/25 18:11	10/04/25 01:31	1
4-Chlorophenyl phenyl ether	0.36	U	0.36	0.013	mg/Kg	☼	10/02/25 18:11	10/04/25 01:31	1
4-Methylphenol	0.36	U	0.36	0.022	mg/Kg	☼	10/02/25 18:11	10/04/25 01:31	1
4-Nitroaniline	0.36	U	0.36	0.091	mg/Kg	☼	10/02/25 18:11	10/04/25 01:31	1
4-Nitrophenol	0.72	U	0.72	0.058	mg/Kg	☼	10/02/25 18:11	10/04/25 01:31	1
Acenaphthene	0.36	U	0.36	0.010	mg/Kg	☼	10/02/25 18:11	10/04/25 01:31	1
Acenaphthylene	**0.026**	**J**	0.36	0.010	mg/Kg	☼	10/02/25 18:11	10/04/25 01:31	1
Acetophenone	0.36	U	0.36	0.018	mg/Kg	☼	10/02/25 18:11	10/04/25 01:31	1
Anthracene	**0.032**	**J**	0.36	0.011	mg/Kg	☼	10/02/25 18:11	10/04/25 01:31	1
Atrazine	0.14	U	0.14	0.021	mg/Kg	☼	10/02/25 18:11	10/04/25 01:31	1
Benzaldehyde	0.36	U	0.36	0.059	mg/Kg	☼	10/02/25 18:11	10/04/25 01:31	1
Benzo[a]anthracene	**0.038**		0.036	0.027	mg/Kg	☼	10/02/25 18:11	10/04/25 01:31	1
Benzo[a]pyrene	**0.045**		0.036	0.0095	mg/Kg	☼	10/02/25 18:11	10/04/25 01:31	1
Benzo[b]fluoranthene	**0.057**		0.036	0.0092	mg/Kg	☼	10/02/25 18:11	10/04/25 01:31	1
Benzo[g,h,i]perylene	**0.058**	**J**	0.36	0.011	mg/Kg	☼	10/02/25 18:11	10/04/25 01:31	1
Benzo[k]fluoranthene	**0.022**	**J**	0.036	0.0070	mg/Kg	☼	10/02/25 18:11	10/04/25 01:31	1
Bis(2-chloroethoxy)methane	0.36	U	0.36	0.066	mg/Kg	☼	10/02/25 18:11	10/04/25 01:31	1
Bis(2-chloroethyl)ether	0.036	U	0.036	0.012	mg/Kg	☼	10/02/25 18:11	10/04/25 01:31	1
Bis(2-ethylhexyl) phthalate	**0.049**	**J**	0.36	0.019	mg/Kg	☼	10/02/25 18:11	10/04/25 01:31	1
Butyl benzyl phthalate	0.36	U	0.36	0.017	mg/Kg	☼	10/02/25 18:11	10/04/25 01:31	1
Caprolactam	0.36	U	0.36	0.056	mg/Kg	☼	10/02/25 18:11	10/04/25 01:31	1
Carbazole	0.36	U	0.36	0.014	mg/Kg	☼	10/02/25 18:11	10/04/25 01:31	1
Chrysene	**0.039**	**J**	0.36	0.015	mg/Kg	☼	10/02/25 18:11	10/04/25 01:31	1
Dibenz(a,h)anthracene	0.036	U	0.036	0.015	mg/Kg	☼	10/02/25 18:11	10/04/25 01:31	1
Dibenzofuran	0.36	U	0.36	0.012	mg/Kg	☼	10/02/25 18:11	10/04/25 01:31	1

Client Sample ID: 43B_4-8
Date Collected: 10/01/25 08:15
Date Received: 10/01/25 16:15

Lab Sample ID: 460-336212-6
Matrix: Solid
Percent Solids: 92.6

Method: SW846 8270E - Semivolatile Organic Compounds (GC/MS) (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Diethyl phthalate	0.36	U	0.36	0.011	mg/Kg	☼	10/02/25 18:11	10/04/25 01:31	1
Dimethyl phthalate	0.36	U	0.36	0.081	mg/Kg	☼	10/02/25 18:11	10/04/25 01:31	1
Di-n-butyl phthalate	0.36	U	0.36	0.013	mg/Kg	☼	10/02/25 18:11	10/04/25 01:31	1
Di-n-octyl phthalate	0.36	U	0.36	0.019	mg/Kg	☼	10/02/25 18:11	10/04/25 01:31	1
Fluoranthene	**0.067**	**J**	0.36	0.012	mg/Kg	☼	10/02/25 18:11	10/04/25 01:31	1
Fluorene	0.36	U	0.36	0.010	mg/Kg	☼	10/02/25 18:11	10/04/25 01:31	1
Hexachlorobenzene	0.036	U	0.036	0.017	mg/Kg	☼	10/02/25 18:11	10/04/25 01:31	1
Hexachlorobutadiene	0.072	U	0.072	0.0076	mg/Kg	☼	10/02/25 18:11	10/04/25 01:31	1
Hexachlorocyclopentadiene	0.36	U	0.36	0.031	mg/Kg	☼	10/02/25 18:11	10/04/25 01:31	1
Hexachloroethane	0.036	U	0.036	0.012	mg/Kg	☼	10/02/25 18:11	10/04/25 01:31	1
Indeno[1,2,3-cd]pyrene	**0.052**		0.036	0.014	mg/Kg	☼	10/02/25 18:11	10/04/25 01:31	1
Isophorone	0.14	U	0.14	0.10	mg/Kg	☼	10/02/25 18:11	10/04/25 01:31	1
Naphthalene	0.36	U	0.36	0.0062	mg/Kg	☼	10/02/25 18:11	10/04/25 01:31	1
Nitrobenzene	0.036	U	0.036	0.020	mg/Kg	☼	10/02/25 18:11	10/04/25 01:31	1
N-Nitrosodi-n-propylamine	0.036	U	0.036	0.026	mg/Kg	☼	10/02/25 18:11	10/04/25 01:31	1
N-Nitrosodiphenylamine	0.36	U	0.36	0.029	mg/Kg	☼	10/02/25 18:11	10/04/25 01:31	1
Pentachlorophenol	0.29	U	0.29	0.073	mg/Kg	☼	10/02/25 18:11	10/04/25 01:31	1
Phenanthrene	**0.038**	**J**	0.36	0.015	mg/Kg	☼	10/02/25 18:11	10/04/25 01:31	1
Phenol	0.36	U	0.36	0.013	mg/Kg	☼	10/02/25 18:11	10/04/25 01:31	1
Pyrene	**0.062**	**J**	0.36	0.0089	mg/Kg	☼	10/02/25 18:11	10/04/25 01:31	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
2,4,6-Tribromophenol (Surr)	*60*		*18 - 137*	*10/02/25 18:11*	*10/04/25 01:31*	*1*
2-Fluorobiphenyl	*64*		*33 - 117*	*10/02/25 18:11*	*10/04/25 01:31*	*1*
2-Fluorophenol (Surr)	*66*		*24 - 120*	*10/02/25 18:11*	*10/04/25 01:31*	*1*
Nitrobenzene-d5 (Surr)	*68*		*27 - 120*	*10/02/25 18:11*	*10/04/25 01:31*	*1*
Phenol-d5 (Surr)	*62*		*28 - 118*	*10/02/25 18:11*	*10/04/25 01:31*	*1*
Terphenyl-d14 (Surr)	*71*		*33 - 124*	*10/02/25 18:11*	*10/04/25 01:31*	*1*

Method: SW846 8081B - Organochlorine Pesticides (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
4,4'-DDD	0.0072	U	0.0072	0.0012	mg/Kg	☼	10/02/25 18:00	10/03/25 11:13	1
4,4'-DDE	0.0072	U	0.0072	0.00085	mg/Kg	☼	10/02/25 18:00	10/03/25 11:13	1
4,4'-DDT	0.0072	U	0.0072	0.0013	mg/Kg	☼	10/02/25 18:00	10/03/25 11:13	1
Aldrin	0.0072	U	0.0072	0.0011	mg/Kg	☼	10/02/25 18:00	10/03/25 11:13	1
alpha-BHC	0.0022	U	0.0022	0.00073	mg/Kg	☼	10/02/25 18:00	10/03/25 11:13	1
beta-BHC	0.0022	U	0.0022	0.00081	mg/Kg	☼	10/02/25 18:00	10/03/25 11:13	1
Chlordane (technical)	0.072	U	0.072	0.017	mg/Kg	☼	10/02/25 18:00	10/03/25 11:13	1
cis-Chlordane	0.0072	U	0.0072	0.0011	mg/Kg	☼	10/02/25 18:00	10/03/25 11:13	1
delta-BHC	0.0022	U	0.0022	0.00044	mg/Kg	☼	10/02/25 18:00	10/03/25 11:13	1
Dieldrin	0.0022	U	0.0022	0.00094	mg/Kg	☼	10/02/25 18:00	10/03/25 11:13	1
Endosulfan I	0.0072	U	0.0072	0.0011	mg/Kg	☼	10/02/25 18:00	10/03/25 11:13	1
Endosulfan II	0.0072	U	0.0072	0.0019	mg/Kg	☼	10/02/25 18:00	10/03/25 11:13	1
Endosulfan sulfate	0.0072	U	0.0072	0.00091	mg/Kg	☼	10/02/25 18:00	10/03/25 11:13	1
Endrin	0.0072	U	0.0072	0.0010	mg/Kg	☼	10/02/25 18:00	10/03/25 11:13	1
Endrin aldehyde	0.0072	U	0.0072	0.0017	mg/Kg	☼	10/02/25 18:00	10/03/25 11:13	1
Endrin ketone	0.0072	U	0.0072	0.0014	mg/Kg	☼	10/02/25 18:00	10/03/25 11:13	1
gamma-BHC (Lindane)	0.0022	U	0.0022	0.00067	mg/Kg	☼	10/02/25 18:00	10/03/25 11:13	1
Heptachlor	0.0072	U	0.0072	0.00085	mg/Kg	☼	10/02/25 18:00	10/03/25 11:13	1
Heptachlor epoxide	0.0072	U	0.0072	0.0011	mg/Kg	☼	10/02/25 18:00	10/03/25 11:13	1

Client Sample ID: 43B_4-8
Date Collected: 10/01/25 08:15
Date Received: 10/01/25 16:15

Lab Sample ID: 460-336212-6
Matrix: Solid
Percent Solids: 92.6

Method: SW846 8081B - Organochlorine Pesticides (GC) (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Methoxychlor	0.0072	U	0.0072	0.0017	mg/Kg	☼	10/02/25 18:00	10/03/25 11:13	1
Toxaphene	0.072	U	0.072	0.026	mg/Kg	☼	10/02/25 18:00	10/03/25 11:13	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
DCB Decachlorobiphenyl	*74*		*10 - 150*	*10/02/25 18:00*	*10/03/25 11:13*	*1*
DCB Decachlorobiphenyl	*92*		*10 - 150*	*10/02/25 18:00*	*10/03/25 11:13*	*1*
Tetrachloro-m-xylene	*72*		*14 - 150*	*10/02/25 18:00*	*10/03/25 11:13*	*1*
Tetrachloro-m-xylene	*75*		*14 - 150*	*10/02/25 18:00*	*10/03/25 11:13*	*1*

Method: SW846 8082A - Polychlorinated Biphenyls (PCBs) by Gas Chromatography

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Aroclor 1016	0.072	U	0.072	0.019	mg/Kg	☼	10/02/25 17:41	10/03/25 17:01	1
Aroclor 1221	0.072	U	0.072	0.019	mg/Kg	☼	10/02/25 17:41	10/03/25 17:01	1
Aroclor 1232	0.072	U	0.072	0.019	mg/Kg	☼	10/02/25 17:41	10/03/25 17:01	1
Aroclor 1242	0.072	U	0.072	0.019	mg/Kg	☼	10/02/25 17:41	10/03/25 17:01	1
Aroclor 1248	0.072	U	0.072	0.019	mg/Kg	☼	10/02/25 17:41	10/03/25 17:01	1
Aroclor 1254	0.072	U	0.072	0.019	mg/Kg	☼	10/02/25 17:41	10/03/25 17:01	1
Aroclor 1260	0.072	U	0.072	0.019	mg/Kg	☼	10/02/25 17:41	10/03/25 17:01	1
Aroclor-1262	0.072	U	0.072	0.019	mg/Kg	☼	10/02/25 17:41	10/03/25 17:01	1
Aroclor 1268	0.072	U	0.072	0.019	mg/Kg	☼	10/02/25 17:41	10/03/25 17:01	1
Polychlorinated biphenyls, Total	0.072	U	0.072	0.019	mg/Kg	☼	10/02/25 17:41	10/03/25 17:01	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
DCB Decachlorobiphenyl	*122*		*10 - 150*	*10/02/25 17:41*	*10/03/25 17:01*	*1*
DCB Decachlorobiphenyl	*126*		*10 - 150*	*10/02/25 17:41*	*10/03/25 17:01*	*1*
Tetrachloro-m-xylene	*117*		*10 - 150*	*10/02/25 17:41*	*10/03/25 17:01*	*1*
Tetrachloro-m-xylene	*123*		*10 - 150*	*10/02/25 17:41*	*10/03/25 17:01*	*1*

Method: EPA 1633A - Per- and Polyfluoroalkyl Substances by LC/MS/MS, 1633A

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Perfluorobutanoic acid (PFBA)	0.39	U	0.39	0.098	ug/Kg	☼	10/07/25 14:14	10/08/25 00:06	1
Perfluoropentanoic acid (PFPeA)	**0.22**		0.20	0.098	ug/Kg	☼	10/07/25 14:14	10/08/25 00:06	1
Perfluorohexanoic acid (PFHxA)	**0.27**		0.20	0.098	ug/Kg	☼	10/07/25 14:14	10/08/25 00:06	1
Perfluoroheptanoic acid (PFHpA)	**0.61**		0.20	0.098	ug/Kg	☼	10/07/25 14:14	10/08/25 00:06	1
Perfluorooctanoic acid (PFOA)	**0.32**		0.20	0.059	ug/Kg	☼	10/07/25 14:14	10/08/25 00:06	1
Perfluorononanoic acid (PFNA)	**2.21**		0.20	0.098	ug/Kg	☼	10/07/25 14:14	10/08/25 00:06	1
Perfluorodecanoic acid (PFDA)	**0.17**	**J**	0.20	0.059	ug/Kg	☼	10/07/25 14:14	10/08/25 00:06	1
Perfluoroundecanoic acid (PFUnA)	**2.55**		0.20	0.098	ug/Kg	☼	10/07/25 14:14	10/08/25 00:06	1
Perfluorododecanoic acid (PFDoA)	**0.14**	**J**	0.20	0.098	ug/Kg	☼	10/07/25 14:14	10/08/25 00:06	1
Perfluorotridecanoic acid (PFTrDA)	**1.59**		0.20	0.098	ug/Kg	☼	10/07/25 14:14	10/08/25 00:06	1
Perfluorotetradecanoic acid (PFTeDA)	0.20	U	0.20	0.098	ug/Kg	☼	10/07/25 14:14	10/08/25 00:06	1
Perfluorobutanesulfonic acid (PFBS)	0.20	U	0.20	0.098	ug/Kg	☼	10/07/25 14:14	10/08/25 00:06	1
Perfluoropentanesulfonic acid (PFPeS)	0.20	U	0.20	0.098	ug/Kg	☼	10/07/25 14:14	10/08/25 00:06	1
Perfluorohexanesulfonic acid (PFHxS)	0.20	U	0.20	0.098	ug/Kg	☼	10/07/25 14:14	10/08/25 00:06	1
Perfluoroheptanesulfonic acid (PFHpS)	0.20	U	0.20	0.098	ug/Kg	☼	10/07/25 14:14	10/08/25 00:06	1
Perfluorooctanesulfonic acid (PFOS)	**0.25**		0.20	0.098	ug/Kg	☼	10/07/25 14:14	10/08/25 00:06	1

Client Sample ID: 43B_4-8
Date Collected: 10/01/25 08:15
Date Received: 10/01/25 16:15

Lab Sample ID: 460-336212-6
Matrix: Solid
Percent Solids: 92.6

Method: EPA 1633A - Per- and Polyfluoroalkyl Substances by LC/MS/MS, 1633A (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Perfluorononanesulfonic acid (PFNS)	0.20	U	0.20	0.098	ug/Kg	☼	10/07/25 14:14	10/08/25 00:06	1
Perfluorodecanesulfonic acid (PFDS)	0.20	U	0.20	0.098	ug/Kg	☼	10/07/25 14:14	10/08/25 00:06	1
Perfluorododecanesulfonic acid (PFDoS)	0.20	U	0.20	0.098	ug/Kg	☼	10/07/25 14:14	10/08/25 00:06	1
1H,1H,2H,2H-Perfluorohexane sulfonic acid (4:2 FTS)	0.39	U	0.39	0.20	ug/Kg	☼	10/07/25 14:14	10/08/25 00:06	1
1H,1H,2H,2H-Perfluorooctane sulfonic acid (6:2 FTS)	0.39	U	0.39	0.20	ug/Kg	☼	10/07/25 14:14	10/08/25 00:06	1
1H,1H,2H,2H-Perfluorodecane sulfonic acid (8:2 FTS)	**0.39**		0.39	0.20	ug/Kg	☼	10/07/25 14:14	10/08/25 00:06	1
Perfluorooctanesulfonamide (PFOSA)	0.20	U	0.20	0.098	ug/Kg	☼	10/07/25 14:14	10/08/25 00:06	1
N-methylperfluorooctane sulfonamide (NMeFOSA)	0.20	U	0.20	0.098	ug/Kg	☼	10/07/25 14:14	10/08/25 00:06	1
N-ethylperfluorooctane sulfonamide (NEtFOSA)	0.20	U	0.20	0.098	ug/Kg	☼	10/07/25 14:14	10/08/25 00:06	1
N-methylperfluorooctanesulfonamidoacetic acid (NMeFOSAA)	0.20	U	0.20	0.098	ug/Kg	☼	10/07/25 14:14	10/08/25 00:06	1
N-ethylperfluorooctanesulfonamidoacetic acid (NEtFOSAA)	0.20	U	0.20	0.098	ug/Kg	☼	10/07/25 14:14	10/08/25 00:06	1
N-methylperfluorooctane sulfonamidoethanol (NMeFOSE)	0.98	U	0.98	0.49	ug/Kg	☼	10/07/25 14:14	10/08/25 00:06	1
N-ethylperfluorooctane sulfonamidoethanol (NEtFOSE)	0.98	U	0.98	0.49	ug/Kg	☼	10/07/25 14:14	10/08/25 00:06	1
Hexafluoropropylene Oxide Dimer Acid (HFPO-DA)	0.20	U	0.20	0.098	ug/Kg	☼	10/07/25 14:14	10/08/25 00:06	1
4,8-Dioxa-3H-perfluorononanoic acid (ADONA)	0.20	U	0.20	0.098	ug/Kg	☼	10/07/25 14:14	10/08/25 00:06	1
Perfluoro-3-methoxypropanoic acid (PFMPA)	0.20	U	0.20	0.098	ug/Kg	☼	10/07/25 14:14	10/08/25 00:06	1
Perfluoro-4-methoxybutanoic acid (PFMBA)	0.20	U	0.20	0.098	ug/Kg	☼	10/07/25 14:14	10/08/25 00:06	1
Nonafluoro-3,6-dioxaheptanoic acid (NFDHA)	0.20	U	0.20	0.098	ug/Kg	☼	10/07/25 14:14	10/08/25 00:06	1
9-Chlorohexadecafluoro-3-oxanonane-1-sulfonic acid (9Cl-PF3ONS)	0.20	U	0.20	0.098	ug/Kg	☼	10/07/25 14:14	10/08/25 00:06	1
11-Chloroeicosafluoro-3-oxaundecane-1-sulfonic acid (11Cl-PF3OUdS)	0.20	U	0.20	0.098	ug/Kg	☼	10/07/25 14:14	10/08/25 00:06	1
Perfluoro (2-ethoxyethane) sulfonic acid (PFEESA)	0.20	U	0.20	0.098	ug/Kg	☼	10/07/25 14:14	10/08/25 00:06	1
3-Perfluoropropylpropanoic acid (3:3 FTCA)	0.39	U	0.39	0.20	ug/Kg	☼	10/07/25 14:14	10/08/25 00:06	1
3-Perfluoropentylpropanoic acid (5:3 FTCA)	0.98	U	0.98	0.49	ug/Kg	☼	10/07/25 14:14	10/08/25 00:06	1
3-Perfluoroheptylpropanoic acid (7:3 FTCA)	0.98	U	0.98	0.49	ug/Kg	☼	10/07/25 14:14	10/08/25 00:06	1

Isotope Dilution	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
13C4 PFBA	*118*		*8 - 130*	*10/07/25 14:14*	*10/08/25 00:06*	*1*
13C5 PFPeA	*132*	*	*35 - 130*	*10/07/25 14:14*	*10/08/25 00:06*	*1*
13C5 PFHxA	*107*		*40 - 130*	*10/07/25 14:14*	*10/08/25 00:06*	*1*
13C4 PFHpA	*118*		*40 - 130*	*10/07/25 14:14*	*10/08/25 00:06*	*1*
13C8 PFOA	*110*		*40 - 130*	*10/07/25 14:14*	*10/08/25 00:06*	*1*
13C9 PFNA	*108*		*40 - 130*	*10/07/25 14:14*	*10/08/25 00:06*	*1*
13C6 PFDA	*102*		*40 - 130*	*10/07/25 14:14*	*10/08/25 00:06*	*1*
13C7 PFUnA	*90.8*		*40 - 130*	*10/07/25 14:14*	*10/08/25 00:06*	*1*

Client Sample ID: 43B_4-8

Date Collected: 10/01/25 08:15
Date Received: 10/01/25 16:15

Lab Sample ID: 460-336212-6

Matrix: Solid
Percent Solids: 92.6

Method: EPA 1633A - Per- and Polyfluoroalkyl Substances by LC/MS/MS, 1633A (Continued)

Isotope Dilution	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
13C2 PFTeDA	64.0		20 - 130	10/07/25 14:14	10/08/25 00:06	1
13C3 PFBS	113		40 - 135	10/07/25 14:14	10/08/25 00:06	1
13C3 PFHxS	110		40 - 130	10/07/25 14:14	10/08/25 00:06	1
13C8 PFOS	97.5		40 - 130	10/07/25 14:14	10/08/25 00:06	1
13C8 FOSA	66.2		40 - 130	10/07/25 14:14	10/08/25 00:06	1
d3-NMeFOSAA	65.2		40 - 135	10/07/25 14:14	10/08/25 00:06	1
d5-NEtFOSAA	61.7		40 - 150	10/07/25 14:14	10/08/25 00:06	1
13C2 4:2 FTS	135		40 - 165	10/07/25 14:14	10/08/25 00:06	1
13C2 6:2 FTS	132		40 - 215	10/07/25 14:14	10/08/25 00:06	1
13C2 8:2 FTS	92.6		40 - 275	10/07/25 14:14	10/08/25 00:06	1
13C3 HFPO-DA	113		40 - 130	10/07/25 14:14	10/08/25 00:06	1
d7-N-MeFOSE-M	43.2		20 - 130	10/07/25 14:14	10/08/25 00:06	1
d9-N-EtFOSE-M	34.2		15 - 130	10/07/25 14:14	10/08/25 00:06	1
d5-NEtPFOSA	49.7		10 - 130	10/07/25 14:14	10/08/25 00:06	1
d3-NMePFOSA	55.6		10 - 130	10/07/25 14:14	10/08/25 00:06	1
13C2 PFDoA	78.0		40 - 130	10/07/25 14:14	10/08/25 00:06	1

Method: SW846 6020B - Metals (ICP/MS)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Aluminum	5980		20.0	5.5	mg/Kg	☼	10/07/25 06:40	10/07/25 17:25	1
Antimony	1.1		1.0	0.15	mg/Kg	☼	10/07/25 06:40	10/07/25 17:25	1
Arsenic	8.7		1.0	0.10	mg/Kg	☼	10/07/25 06:40	10/07/25 17:25	1
Barium	51.6		2.0	0.14	mg/Kg	☼	10/07/25 06:40	10/07/25 17:25	1
Beryllium	1.1		0.40	0.022	mg/Kg	☼	10/07/25 06:40	10/07/25 17:25	1
Cadmium	0.30	J	1.0	0.11	mg/Kg	☼	10/07/25 06:40	10/07/25 17:25	1
Calcium	1150		99.9	9.7	mg/Kg	☼	10/07/25 06:40	10/07/25 17:25	1
Chromium	23.2		2.0	0.30	mg/Kg	☼	10/07/25 06:40	10/07/25 17:25	1
Cobalt	8.9		1.0	0.15	mg/Kg	☼	10/07/25 06:40	10/07/25 17:25	1
Copper	86.6		2.0	0.37	mg/Kg	☼	10/07/25 06:40	10/07/25 17:25	1
Iron	22600		60.0	7.6	mg/Kg	☼	10/07/25 06:40	10/07/25 17:25	1
Lead	138		0.60	0.20	mg/Kg	☼	10/07/25 06:40	10/07/25 17:25	1
Magnesium	1680		99.9	10.2	mg/Kg	☼	10/07/25 06:40	10/07/25 17:25	1
Manganese	184		4.0	0.40	mg/Kg	☼	10/07/25 06:40	10/07/25 17:25	1
Nickel	40.4		2.0	0.18	mg/Kg	☼	10/07/25 06:40	10/07/25 17:25	1
Potassium	824		99.9	16.2	mg/Kg	☼	10/07/25 06:40	10/07/25 17:25	1
Selenium	0.50	J	1.2	0.13	mg/Kg	☼	10/07/25 06:40	10/07/25 17:25	1
Silver	0.26	J	0.40	0.089	mg/Kg	☼	10/07/25 06:40	10/07/25 17:25	1
Sodium	93.4	J	99.9	45.7	mg/Kg	☼	10/07/25 06:40	10/07/25 17:25	1
Thallium	0.080	J	0.40	0.041	mg/Kg	☼	10/07/25 06:40	10/07/25 17:25	1
Vanadium	22.9		2.0	0.21	mg/Kg	☼	10/07/25 06:40	10/07/25 17:25	1
Zinc	209		8.0	1.1	mg/Kg	☼	10/07/25 06:40	10/07/25 17:25	1

Method: SW846 7471B - Mercury (CVAA)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	0.070		0.017	0.0082	mg/Kg	☼	10/09/25 01:39	10/09/25 09:02	1

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Percent Moisture (EPA Moisture)	7.4		1.0	1.0	%			10/06/25 16:57	1
Percent Solids (EPA Moisture)	92.6		1.0	1.0	%			10/06/25 16:57	1

Client Sample ID: 8A_0-5
Date Collected: 10/01/25 08:30
Date Received: 10/01/25 16:15

Lab Sample ID: 460-336212-7
Matrix: Solid
Percent Solids: 92.1

Method: SW846 8270E - Semivolatile Organic Compounds (GC/MS)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1'-Biphenyl	0.36	U	0.36	0.012	mg/Kg	☼	10/02/25 18:11	10/04/25 01:53	1
1,2,4,5-Tetrachlorobenzene	0.36	U	0.36	0.011	mg/Kg	☼	10/02/25 18:11	10/04/25 01:53	1
1,4-Dioxane	0.036	U	0.036	0.031	mg/Kg	☼	10/02/25 18:11	10/04/25 01:53	1
2,2'-oxybis[1-chloropropane]	0.36	U	0.36	0.022	mg/Kg	☼	10/02/25 18:11	10/04/25 01:53	1
2,3,4,6-Tetrachlorophenol	0.36	U	0.36	0.024	mg/Kg	☼	10/02/25 18:11	10/04/25 01:53	1
2,4,5-Trichlorophenol	0.36	U	0.36	0.037	mg/Kg	☼	10/02/25 18:11	10/04/25 01:53	1
2,4,6-Trichlorophenol	0.14	U	0.14	0.046	mg/Kg	☼	10/02/25 18:11	10/04/25 01:53	1
2,4-Dichlorophenol	0.14	U	0.14	0.023	mg/Kg	☼	10/02/25 18:11	10/04/25 01:53	1
2,4-Dimethylphenol	0.36	U	0.36	0.043	mg/Kg	☼	10/02/25 18:11	10/04/25 01:53	1
2,4-Dinitrophenol	0.29	U	0.29	0.18	mg/Kg	☼	10/02/25 18:11	10/04/25 01:53	1
2,4-Dinitrotoluene	0.073	U	0.073	0.039	mg/Kg	☼	10/02/25 18:11	10/04/25 01:53	1
2,6-Dinitrotoluene	0.073	U	0.073	0.026	mg/Kg	☼	10/02/25 18:11	10/04/25 01:53	1
2-Chloronaphthalene	0.36	U	0.36	0.046	mg/Kg	☼	10/02/25 18:11	10/04/25 01:53	1
2-Chlorophenol	0.36	U	0.36	0.013	mg/Kg	☼	10/02/25 18:11	10/04/25 01:53	1
2-Methylnaphthalene	0.36	U	0.36	0.010	mg/Kg	☼	10/02/25 18:11	10/04/25 01:53	1
2-Methylphenol	0.36	U	0.36	0.013	mg/Kg	☼	10/02/25 18:11	10/04/25 01:53	1
2-Nitroaniline	0.36	U	0.36	0.027	mg/Kg	☼	10/02/25 18:11	10/04/25 01:53	1
2-Nitrophenol	0.36	U	0.36	0.036	mg/Kg	☼	10/02/25 18:11	10/04/25 01:53	1
3 & 4 Methylphenol	0.36	U	0.36	0.022	mg/Kg	☼	10/02/25 18:11	10/04/25 01:53	1
3,3'-Dichlorobenzidine	0.14	U	0.14	0.054	mg/Kg	☼	10/02/25 18:11	10/04/25 01:53	1
3-Nitroaniline	0.36	U	0.36	0.085	mg/Kg	☼	10/02/25 18:11	10/04/25 01:53	1
4,6-Dinitro-2-methylphenol	0.29	U	0.29	0.15	mg/Kg	☼	10/02/25 18:11	10/04/25 01:53	1
4-Bromophenyl phenyl ether	0.36	U	0.36	0.014	mg/Kg	☼	10/02/25 18:11	10/04/25 01:53	1
4-Chloro-3-methylphenol	0.36	U	0.36	0.020	mg/Kg	☼	10/02/25 18:11	10/04/25 01:53	1
4-Chloroaniline	0.36	U	0.36	0.064	mg/Kg	☼	10/02/25 18:11	10/04/25 01:53	1
4-Chlorophenyl phenyl ether	0.36	U	0.36	0.013	mg/Kg	☼	10/02/25 18:11	10/04/25 01:53	1
4-Methylphenol	0.36	U	0.36	0.022	mg/Kg	☼	10/02/25 18:11	10/04/25 01:53	1
4-Nitroaniline	0.36	U	0.36	0.091	mg/Kg	☼	10/02/25 18:11	10/04/25 01:53	1
4-Nitrophenol	0.73	U	0.73	0.059	mg/Kg	☼	10/02/25 18:11	10/04/25 01:53	1
Acenaphthene	0.36	U	0.36	0.010	mg/Kg	☼	10/02/25 18:11	10/04/25 01:53	1
Acenaphthylene	0.36	U	0.36	0.010	mg/Kg	☼	10/02/25 18:11	10/04/25 01:53	1
Acetophenone	0.36	U	0.36	0.018	mg/Kg	☼	10/02/25 18:11	10/04/25 01:53	1
Anthracene	0.36	U	0.36	0.011	mg/Kg	☼	10/02/25 18:11	10/04/25 01:53	1
Atrazine	0.14	U	0.14	0.021	mg/Kg	☼	10/02/25 18:11	10/04/25 01:53	1
Benzaldehyde	0.36	U	0.36	0.059	mg/Kg	☼	10/02/25 18:11	10/04/25 01:53	1
Benzo[a]anthracene	0.036	U	0.036	0.027	mg/Kg	☼	10/02/25 18:11	10/04/25 01:53	1
Benzo[a]pyrene	0.036	U	0.036	0.0096	mg/Kg	☼	10/02/25 18:11	10/04/25 01:53	1
Benzo[b]fluoranthene	**0.011**	**J**	0.036	0.0093	mg/Kg	☼	10/02/25 18:11	10/04/25 01:53	1
Benzo[g,h,i]perylene	0.36	U	0.36	0.011	mg/Kg	☼	10/02/25 18:11	10/04/25 01:53	1
Benzo[k]fluoranthene	0.036	U	0.036	0.0070	mg/Kg	☼	10/02/25 18:11	10/04/25 01:53	1
Bis(2-chloroethoxy)methane	0.36	U	0.36	0.066	mg/Kg	☼	10/02/25 18:11	10/04/25 01:53	1
Bis(2-chloroethyl)ether	0.036	U	0.036	0.013	mg/Kg	☼	10/02/25 18:11	10/04/25 01:53	1
Bis(2-ethylhexyl) phthalate	0.36	U	0.36	0.019	mg/Kg	☼	10/02/25 18:11	10/04/25 01:53	1
Butyl benzyl phthalate	0.36	U	0.36	0.017	mg/Kg	☼	10/02/25 18:11	10/04/25 01:53	1
Caprolactam	0.36	U	0.36	0.056	mg/Kg	☼	10/02/25 18:11	10/04/25 01:53	1
Carbazole	0.36	U	0.36	0.014	mg/Kg	☼	10/02/25 18:11	10/04/25 01:53	1
Chrysene	0.36	U	0.36	0.015	mg/Kg	☼	10/02/25 18:11	10/04/25 01:53	1
Dibenz(a,h)anthracene	0.036	U	0.036	0.016	mg/Kg	☼	10/02/25 18:11	10/04/25 01:53	1
Dibenzofuran	0.36	U	0.36	0.012	mg/Kg	☼	10/02/25 18:11	10/04/25 01:53	1

Client Sample ID: 8A_0-5
Date Collected: 10/01/25 08:30
Date Received: 10/01/25 16:15

Lab Sample ID: 460-336212-7
Matrix: Solid
Percent Solids: 92.1

Method: SW846 8270E - Semivolatile Organic Compounds (GC/MS) (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Diethyl phthalate	0.36	U	0.36	0.012	mg/Kg	☼	10/02/25 18:11	10/04/25 01:53	1
Dimethyl phthalate	0.36	U	0.36	0.082	mg/Kg	☼	10/02/25 18:11	10/04/25 01:53	1
Di-n-butyl phthalate	0.36	U	0.36	0.014	mg/Kg	☼	10/02/25 18:11	10/04/25 01:53	1
Di-n-octyl phthalate	0.36	U	0.36	0.019	mg/Kg	☼	10/02/25 18:11	10/04/25 01:53	1
Fluoranthene	**0.016**	**J**	0.36	0.013	mg/Kg	☼	10/02/25 18:11	10/04/25 01:53	1
Fluorene	0.36	U	0.36	0.011	mg/Kg	☼	10/02/25 18:11	10/04/25 01:53	1
Hexachlorobenzene	0.036	U	0.036	0.017	mg/Kg	☼	10/02/25 18:11	10/04/25 01:53	1
Hexachlorobutadiene	0.073	U	0.073	0.0076	mg/Kg	☼	10/02/25 18:11	10/04/25 01:53	1
Hexachlorocyclopentadiene	0.36	U	0.36	0.032	mg/Kg	☼	10/02/25 18:11	10/04/25 01:53	1
Hexachloroethane	0.036	U	0.036	0.012	mg/Kg	☼	10/02/25 18:11	10/04/25 01:53	1
Indeno[1,2,3-cd]pyrene	0.036	U	0.036	0.014	mg/Kg	☼	10/02/25 18:11	10/04/25 01:53	1
Isophorone	0.14	U	0.14	0.10	mg/Kg	☼	10/02/25 18:11	10/04/25 01:53	1
Naphthalene	0.36	U	0.36	0.0062	mg/Kg	☼	10/02/25 18:11	10/04/25 01:53	1
Nitrobenzene	0.036	U	0.036	0.020	mg/Kg	☼	10/02/25 18:11	10/04/25 01:53	1
N-Nitrosodi-n-propylamine	0.036	U	0.036	0.026	mg/Kg	☼	10/02/25 18:11	10/04/25 01:53	1
N-Nitrosodiphenylamine	0.36	U	0.36	0.030	mg/Kg	☼	10/02/25 18:11	10/04/25 01:53	1
Pentachlorophenol	0.29	U	0.29	0.074	mg/Kg	☼	10/02/25 18:11	10/04/25 01:53	1
Phenanthrene	0.36	U	0.36	0.015	mg/Kg	☼	10/02/25 18:11	10/04/25 01:53	1
Phenol	0.36	U	0.36	0.013	mg/Kg	☼	10/02/25 18:11	10/04/25 01:53	1
Pyrene	**0.014**	**J**	0.36	0.0089	mg/Kg	☼	10/02/25 18:11	10/04/25 01:53	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
2,4,6-Tribromophenol (Surr)	*55*		*18 - 137*	*10/02/25 18:11*	*10/04/25 01:53*	*1*
2-Fluorobiphenyl	*59*		*33 - 117*	*10/02/25 18:11*	*10/04/25 01:53*	*1*
2-Fluorophenol (Surr)	*60*		*24 - 120*	*10/02/25 18:11*	*10/04/25 01:53*	*1*
Nitrobenzene-d5 (Surr)	*61*		*27 - 120*	*10/02/25 18:11*	*10/04/25 01:53*	*1*
Phenol-d5 (Surr)	*61*		*28 - 118*	*10/02/25 18:11*	*10/04/25 01:53*	*1*
Terphenyl-d14 (Surr)	*65*		*33 - 124*	*10/02/25 18:11*	*10/04/25 01:53*	*1*

Method: SW846 8081B - Organochlorine Pesticides (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
4,4'-DDD	0.0073	U	0.0073	0.0012	mg/Kg	☼	10/02/25 18:00	10/03/25 11:25	1
4,4'-DDE	0.0073	U	0.0073	0.00086	mg/Kg	☼	10/02/25 18:00	10/03/25 11:25	1
4,4'-DDT	0.0073	U	0.0073	0.0013	mg/Kg	☼	10/02/25 18:00	10/03/25 11:25	1
Aldrin	0.0073	U	0.0073	0.0011	mg/Kg	☼	10/02/25 18:00	10/03/25 11:25	1
alpha-BHC	0.0022	U	0.0022	0.00074	mg/Kg	☼	10/02/25 18:00	10/03/25 11:25	1
beta-BHC	0.0022	U	0.0022	0.00081	mg/Kg	☼	10/02/25 18:00	10/03/25 11:25	1
Chlordane (technical)	0.073	U	0.073	0.018	mg/Kg	☼	10/02/25 18:00	10/03/25 11:25	1
cis-Chlordane	0.0073	U	0.0073	0.0012	mg/Kg	☼	10/02/25 18:00	10/03/25 11:25	1
delta-BHC	0.0022	U	0.0022	0.00045	mg/Kg	☼	10/02/25 18:00	10/03/25 11:25	1
Dieldrin	0.0022	U	0.0022	0.00094	mg/Kg	☼	10/02/25 18:00	10/03/25 11:25	1
Endosulfan I	0.0073	U	0.0073	0.0011	mg/Kg	☼	10/02/25 18:00	10/03/25 11:25	1
Endosulfan II	0.0073	U	0.0073	0.0019	mg/Kg	☼	10/02/25 18:00	10/03/25 11:25	1
Endosulfan sulfate	0.0073	U	0.0073	0.00091	mg/Kg	☼	10/02/25 18:00	10/03/25 11:25	1
Endrin	0.0073	U	0.0073	0.0010	mg/Kg	☼	10/02/25 18:00	10/03/25 11:25	1
Endrin aldehyde	0.0073	U	0.0073	0.0017	mg/Kg	☼	10/02/25 18:00	10/03/25 11:25	1
Endrin ketone	0.0073	U	0.0073	0.0014	mg/Kg	☼	10/02/25 18:00	10/03/25 11:25	1
gamma-BHC (Lindane)	0.0022	U	0.0022	0.00067	mg/Kg	☼	10/02/25 18:00	10/03/25 11:25	1
Heptachlor	0.0073	U	0.0073	0.00086	mg/Kg	☼	10/02/25 18:00	10/03/25 11:25	1
Heptachlor epoxide	0.0073	U	0.0073	0.0011	mg/Kg	☼	10/02/25 18:00	10/03/25 11:25	1

Client Sample ID: 8A_0-5
Date Collected: 10/01/25 08:30
Date Received: 10/01/25 16:15

Lab Sample ID: 460-336212-7
Matrix: Solid
Percent Solids: 92.1

Method: SW846 8081B - Organochlorine Pesticides (GC) (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Methoxychlor	0.0073	U	0.0073	0.0017	mg/Kg	☼	10/02/25 18:00	10/03/25 11:25	1
Toxaphene	0.073	U	0.073	0.026	mg/Kg	☼	10/02/25 18:00	10/03/25 11:25	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
DCB Decachlorobiphenyl	*83*		*10 - 150*	*10/02/25 18:00*	*10/03/25 11:25*	*1*
DCB Decachlorobiphenyl	*102*		*10 - 150*	*10/02/25 18:00*	*10/03/25 11:25*	*1*
Tetrachloro-m-xylene	*80*		*14 - 150*	*10/02/25 18:00*	*10/03/25 11:25*	*1*
Tetrachloro-m-xylene	*83*		*14 - 150*	*10/02/25 18:00*	*10/03/25 11:25*	*1*

Method: SW846 8082A - Polychlorinated Biphenyls (PCBs) by Gas Chromatography

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Aroclor 1016	0.073	U	0.073	0.019	mg/Kg	☼	10/02/25 17:41	10/03/25 17:17	1
Aroclor 1221	0.073	U	0.073	0.019	mg/Kg	☼	10/02/25 17:41	10/03/25 17:17	1
Aroclor 1232	0.073	U	0.073	0.019	mg/Kg	☼	10/02/25 17:41	10/03/25 17:17	1
Aroclor 1242	0.073	U	0.073	0.019	mg/Kg	☼	10/02/25 17:41	10/03/25 17:17	1
Aroclor 1248	0.073	U	0.073	0.019	mg/Kg	☼	10/02/25 17:41	10/03/25 17:17	1
Aroclor 1254	0.073	U	0.073	0.019	mg/Kg	☼	10/02/25 17:41	10/03/25 17:17	1
Aroclor 1260	0.073	U	0.073	0.019	mg/Kg	☼	10/02/25 17:41	10/03/25 17:17	1
Aroclor-1262	0.073	U	0.073	0.019	mg/Kg	☼	10/02/25 17:41	10/03/25 17:17	1
Aroclor 1268	0.073	U	0.073	0.019	mg/Kg	☼	10/02/25 17:41	10/03/25 17:17	1
Polychlorinated biphenyls, Total	0.073	U	0.073	0.019	mg/Kg	☼	10/02/25 17:41	10/03/25 17:17	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
DCB Decachlorobiphenyl	*128*		*10 - 150*	*10/02/25 17:41*	*10/03/25 17:17*	*1*
DCB Decachlorobiphenyl	*134*		*10 - 150*	*10/02/25 17:41*	*10/03/25 17:17*	*1*
Tetrachloro-m-xylene	*122*		*10 - 150*	*10/02/25 17:41*	*10/03/25 17:17*	*1*
Tetrachloro-m-xylene	*128*		*10 - 150*	*10/02/25 17:41*	*10/03/25 17:17*	*1*

Method: EPA 1633A - Per- and Polyfluoroalkyl Substances by LC/MS/MS, 1633A

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Perfluorobutanoic acid (PFBA)	0.39	U	0.39	0.097	ug/Kg	☼	10/07/25 14:14	10/08/25 00:47	1
Perfluoropentanoic acid (PFPeA)	0.19	U	0.19	0.097	ug/Kg	☼	10/07/25 14:14	10/08/25 00:47	1
Perfluorohexanoic acid (PFHxA)	0.19	U	0.19	0.097	ug/Kg	☼	10/07/25 14:14	10/08/25 00:47	1
Perfluoroheptanoic acid (PFHpA)	0.19	U	0.19	0.097	ug/Kg	☼	10/07/25 14:14	10/08/25 00:47	1
Perfluorooctanoic acid (PFOA)	0.19	U	0.19	0.058	ug/Kg	☼	10/07/25 14:14	10/08/25 00:47	1
Perfluorononanoic acid (PFNA)	0.19	U	0.19	0.097	ug/Kg	☼	10/07/25 14:14	10/08/25 00:47	1
Perfluorodecanoic acid (PFDA)	0.19	U	0.19	0.058	ug/Kg	☼	10/07/25 14:14	10/08/25 00:47	1
Perfluoroundecanoic acid (PFUnA)	**0.58**		0.19	0.097	ug/Kg	☼	10/07/25 14:14	10/08/25 00:47	1
Perfluorododecanoic acid (PFDoA)	0.19	U	0.19	0.097	ug/Kg	☼	10/07/25 14:14	10/08/25 00:47	1
Perfluorotridecanoic acid (PFTrDA)	**0.78**		0.19	0.097	ug/Kg	☼	10/07/25 14:14	10/08/25 00:47	1
Perfluorotetradecanoic acid (PFTeDA)	0.19	U	0.19	0.097	ug/Kg	☼	10/07/25 14:14	10/08/25 00:47	1
Perfluorobutanesulfonic acid (PFBS)	0.19	U	0.19	0.097	ug/Kg	☼	10/07/25 14:14	10/08/25 00:47	1
Perfluoropentanesulfonic acid (PFPeS)	0.19	U	0.19	0.097	ug/Kg	☼	10/07/25 14:14	10/08/25 00:47	1
Perfluorohexanesulfonic acid (PFHxS)	0.19	U	0.19	0.097	ug/Kg	☼	10/07/25 14:14	10/08/25 00:47	1
Perfluoroheptanesulfonic acid (PFHpS)	0.19	U	0.19	0.097	ug/Kg	☼	10/07/25 14:14	10/08/25 00:47	1
Perfluorooctanesulfonic acid (PFOS)	0.19	U	0.19	0.097	ug/Kg	☼	10/07/25 14:14	10/08/25 00:47	1
Perfluorononanesulfonic acid (PFNS)	0.19	U	0.19	0.097	ug/Kg	☼	10/07/25 14:14	10/08/25 00:47	1

Client Sample ID: 8A_0-5
Date Collected: 10/01/25 08:30
Date Received: 10/01/25 16:15

Lab Sample ID: 460-336212-7
Matrix: Solid
Percent Solids: 92.1

Method: EPA 1633A - Per- and Polyfluoroalkyl Substances by LC/MS/MS, 1633A (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Perfluorodecanesulfonic acid (PFDS)	0.19	U	0.19	0.097	ug/Kg	☼	10/07/25 14:14	10/08/25 00:47	1
Perfluorododecanesulfonic acid (PFDoS)	0.19	U	0.19	0.097	ug/Kg	☼	10/07/25 14:14	10/08/25 00:47	1
1H,1H,2H,2H-Perfluorohexane sulfonic acid (4:2 FTS)	0.39	U	0.39	0.19	ug/Kg	☼	10/07/25 14:14	10/08/25 00:47	1
1H,1H,2H,2H-Perfluorooctane sulfonic acid (6:2 FTS)	0.39	U	0.39	0.19	ug/Kg	☼	10/07/25 14:14	10/08/25 00:47	1
1H,1H,2H,2H-Perfluorodecane sulfonic acid (8:2 FTS)	0.39	U	0.39	0.19	ug/Kg	☼	10/07/25 14:14	10/08/25 00:47	1
Perfluorooctanesulfonamide (PFOSA)	0.19	U	0.19	0.097	ug/Kg	☼	10/07/25 14:14	10/08/25 00:47	1
N-methylperfluorooctane sulfonamide (NMeFOSA)	0.19	U	0.19	0.097	ug/Kg	☼	10/07/25 14:14	10/08/25 00:47	1
N-ethylperfluorooctane sulfonamide (NEtFOSA)	0.19	U	0.19	0.097	ug/Kg	☼	10/07/25 14:14	10/08/25 00:47	1
N-methylperfluorooctanesulfonamidoacetic acid (NMeFOSAA)	0.19	U	0.19	0.097	ug/Kg	☼	10/07/25 14:14	10/08/25 00:47	1
N-ethylperfluorooctanesulfonamidoacetic acid (NEtFOSAA)	0.19	U	0.19	0.097	ug/Kg	☼	10/07/25 14:14	10/08/25 00:47	1
N-methylperfluorooctane sulfonamidoethanol (NMeFOSE)	0.97	U	0.97	0.48	ug/Kg	☼	10/07/25 14:14	10/08/25 00:47	1
N-ethylperfluorooctane sulfonamidoethanol (NEtFOSE)	0.97	U	0.97	0.48	ug/Kg	☼	10/07/25 14:14	10/08/25 00:47	1
Hexafluoropropylene Oxide Dimer Acid (HFPO-DA)	0.19	U	0.19	0.097	ug/Kg	☼	10/07/25 14:14	10/08/25 00:47	1
4,8-Dioxa-3H-perfluorononanoic acid (ADONA)	0.19	U	0.19	0.097	ug/Kg	☼	10/07/25 14:14	10/08/25 00:47	1
Perfluoro-3-methoxypropanoic acid (PFMPA)	0.19	U	0.19	0.097	ug/Kg	☼	10/07/25 14:14	10/08/25 00:47	1
Perfluoro-4-methoxybutanoic acid (PFMBA)	0.19	U	0.19	0.097	ug/Kg	☼	10/07/25 14:14	10/08/25 00:47	1
Nonafluoro-3,6-dioxaheptanoic acid (NFDHA)	0.19	U	0.19	0.097	ug/Kg	☼	10/07/25 14:14	10/08/25 00:47	1
9-Chlorohexadecafluoro-3-oxanonane-1-sulfonic acid (9Cl-PF3ONS)	0.19	U	0.19	0.097	ug/Kg	☼	10/07/25 14:14	10/08/25 00:47	1
11-Chloroeicosafluoro-3-oxaundecane-1-sulfonic acid (11Cl-PF3OUdS)	0.19	U	0.19	0.097	ug/Kg	☼	10/07/25 14:14	10/08/25 00:47	1
Perfluoro (2-ethoxyethane) sulfonic acid (PFEESA)	0.19	U	0.19	0.097	ug/Kg	☼	10/07/25 14:14	10/08/25 00:47	1
3-Perfluoropropylpropanoic acid (3:3 FTCA)	0.39	U	0.39	0.19	ug/Kg	☼	10/07/25 14:14	10/08/25 00:47	1
3-Perfluoropentylpropanoic acid (5:3 FTCA)	0.97	U	0.97	0.48	ug/Kg	☼	10/07/25 14:14	10/08/25 00:47	1
3-Perfluoroheptylpropanoic acid (7:3 FTCA)	0.97	U	0.97	0.48	ug/Kg	☼	10/07/25 14:14	10/08/25 00:47	1

Isotope Dilution	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
13C4 PFBA	*108*		*8 - 130*	*10/07/25 14:14*	*10/08/25 00:47*	*1*
13C5 PFPeA	*113*		*35 - 130*	*10/07/25 14:14*	*10/08/25 00:47*	*1*
13C5 PFHxA	*102*		*40 - 130*	*10/07/25 14:14*	*10/08/25 00:47*	*1*
13C4 PFHpA	*104*		*40 - 130*	*10/07/25 14:14*	*10/08/25 00:47*	*1*
13C8 PFOA	*105*		*40 - 130*	*10/07/25 14:14*	*10/08/25 00:47*	*1*
13C9 PFNA	*100*		*40 - 130*	*10/07/25 14:14*	*10/08/25 00:47*	*1*
13C6 PFDA	*99.7*		*40 - 130*	*10/07/25 14:14*	*10/08/25 00:47*	*1*
13C7 PFUnA	*103*		*40 - 130*	*10/07/25 14:14*	*10/08/25 00:47*	*1*
13C2 PFTeDA	*76.5*		*20 - 130*	*10/07/25 14:14*	*10/08/25 00:47*	*1*

Client Sample ID: 8A_0-5

Date Collected: 10/01/25 08:30
Date Received: 10/01/25 16:15

Lab Sample ID: 460-336212-7

Matrix: Solid
Percent Solids: 92.1

Method: EPA 1633A - Per- and Polyfluoroalkyl Substances by LC/MS/MS, 1633A (Continued)

Isotope Dilution	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
13C3 PFBS	101		40 - 135	10/07/25 14:14	10/08/25 00:47	1
13C3 PFHxS	99.7		40 - 130	10/07/25 14:14	10/08/25 00:47	1
13C8 PFOS	105		40 - 130	10/07/25 14:14	10/08/25 00:47	1
13C8 FOSA	68.9		40 - 130	10/07/25 14:14	10/08/25 00:47	1
d3-NMeFOSAA	65.0		40 - 135	10/07/25 14:14	10/08/25 00:47	1
d5-NEtFOSAA	62.9		40 - 150	10/07/25 14:14	10/08/25 00:47	1
13C2 4:2 FTS	94.5		40 - 165	10/07/25 14:14	10/08/25 00:47	1
13C2 6:2 FTS	96.7		40 - 215	10/07/25 14:14	10/08/25 00:47	1
13C2 8:2 FTS	82.8		40 - 275	10/07/25 14:14	10/08/25 00:47	1
13C3 HFPO-DA	98.8		40 - 130	10/07/25 14:14	10/08/25 00:47	1
d7-N-MeFOSE-M	52.9		20 - 130	10/07/25 14:14	10/08/25 00:47	1
d9-N-EtFOSE-M	47.0		15 - 130	10/07/25 14:14	10/08/25 00:47	1
d5-NEtPFOSA	56.8		10 - 130	10/07/25 14:14	10/08/25 00:47	1
d3-NMePFOSA	61.1		10 - 130	10/07/25 14:14	10/08/25 00:47	1
13C2 PFDoA	91.8		40 - 130	10/07/25 14:14	10/08/25 00:47	1

Method: SW846 6020B - Metals (ICP/MS)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Aluminum	8620		19.9	5.5	mg/Kg	☼	10/07/25 06:40	10/07/25 17:28	1
Antimony	0.79	J	1.0	0.15	mg/Kg	☼	10/07/25 06:40	10/07/25 17:28	1
Arsenic	7.5		1.0	0.10	mg/Kg	☼	10/07/25 06:40	10/07/25 17:28	1
Barium	68.4		2.0	0.14	mg/Kg	☼	10/07/25 06:40	10/07/25 17:28	1
Beryllium	0.58		0.40	0.022	mg/Kg	☼	10/07/25 06:40	10/07/25 17:28	1
Cadmium	0.11	J	1.0	0.11	mg/Kg	☼	10/07/25 06:40	10/07/25 17:28	1
Calcium	2170		99.6	9.7	mg/Kg	☼	10/07/25 06:40	10/07/25 17:28	1
Chromium	19.5		2.0	0.30	mg/Kg	☼	10/07/25 06:40	10/07/25 17:28	1
Cobalt	7.4		1.0	0.15	mg/Kg	☼	10/07/25 06:40	10/07/25 17:28	1
Copper	37.0		2.0	0.37	mg/Kg	☼	10/07/25 06:40	10/07/25 17:28	1
Iron	20000		59.8	7.6	mg/Kg	☼	10/07/25 06:40	10/07/25 17:28	1
Lead	52.3		0.60	0.20	mg/Kg	☼	10/07/25 06:40	10/07/25 17:28	1
Magnesium	3820		99.6	10.2	mg/Kg	☼	10/07/25 06:40	10/07/25 17:28	1
Manganese	379		4.0	0.40	mg/Kg	☼	10/07/25 06:40	10/07/25 17:28	1
Nickel	17.2		2.0	0.18	mg/Kg	☼	10/07/25 06:40	10/07/25 17:28	1
Potassium	1250		99.6	16.1	mg/Kg	☼	10/07/25 06:40	10/07/25 17:28	1
Selenium	0.22	J	1.2	0.13	mg/Kg	☼	10/07/25 06:40	10/07/25 17:28	1
Silver	0.26	J	0.40	0.089	mg/Kg	☼	10/07/25 06:40	10/07/25 17:28	1
Sodium	84.2	J	99.6	45.5	mg/Kg	☼	10/07/25 06:40	10/07/25 17:28	1
Thallium	0.12	J	0.40	0.041	mg/Kg	☼	10/07/25 06:40	10/07/25 17:28	1
Vanadium	26.7		2.0	0.21	mg/Kg	☼	10/07/25 06:40	10/07/25 17:28	1
Zinc	56.7		8.0	1.1	mg/Kg	☼	10/07/25 06:40	10/07/25 17:28	1

Method: SW846 7471B - Mercury (CVAA)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	0.024		0.016	0.0077	mg/Kg	☼	10/09/25 01:39	10/09/25 09:05	1

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Percent Moisture (EPA Moisture)	7.9		1.0	1.0	%			10/06/25 16:57	1
Percent Solids (EPA Moisture)	92.1		1.0	1.0	%			10/06/25 16:57	1

Client: Haley & Aldrich, Inc.
Project/Site: Former Port Mobil

Job ID: 460-336212-1

Client Sample ID: 8A_5-10
Date Collected: 10/01/25 08:35
Date Received: 10/01/25 16:15

Lab Sample ID: 460-336212-8
Matrix: Solid
Percent Solids: 83.3

Method: SW846 8270E - Semivolatile Organic Compounds (GC/MS)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1'-Biphenyl	0.40	U	0.40	0.014	mg/Kg	☼	10/02/25 18:11	10/03/25 21:28	1
1,2,4,5-Tetrachlorobenzene	0.40	U	0.40	0.012	mg/Kg	☼	10/02/25 18:11	10/03/25 21:28	1
1,4-Dioxane	0.040	U	0.040	0.035	mg/Kg	☼	10/02/25 18:11	10/03/25 21:28	1
2,2'-oxybis[1-chloropropane]	0.40	U	0.40	0.024	mg/Kg	☼	10/02/25 18:11	10/03/25 21:28	1
2,3,4,6-Tetrachlorophenol	0.40	U	0.40	0.027	mg/Kg	☼	10/02/25 18:11	10/03/25 21:28	1
2,4,5-Trichlorophenol	0.40	U	0.40	0.040	mg/Kg	☼	10/02/25 18:11	10/03/25 21:28	1
2,4,6-Trichlorophenol	0.16	U	0.16	0.051	mg/Kg	☼	10/02/25 18:11	10/03/25 21:28	1
2,4-Dichlorophenol	0.16	U	0.16	0.025	mg/Kg	☼	10/02/25 18:11	10/03/25 21:28	1
2,4-Dimethylphenol	0.40	U	0.40	0.047	mg/Kg	☼	10/02/25 18:11	10/03/25 21:28	1
2,4-Dinitrophenol	0.32	U	0.32	0.20	mg/Kg	☼	10/02/25 18:11	10/03/25 21:28	1
2,4-Dinitrotoluene	0.080	U	0.080	0.043	mg/Kg	☼	10/02/25 18:11	10/03/25 21:28	1
2,6-Dinitrotoluene	0.080	U	0.080	0.029	mg/Kg	☼	10/02/25 18:11	10/03/25 21:28	1
2-Chloronaphthalene	0.40	U	0.40	0.051	mg/Kg	☼	10/02/25 18:11	10/03/25 21:28	1
2-Chlorophenol	0.40	U	0.40	0.014	mg/Kg	☼	10/02/25 18:11	10/03/25 21:28	1
2-Methylnaphthalene	0.40	U	0.40	0.011	mg/Kg	☼	10/02/25 18:11	10/03/25 21:28	1
2-Methylphenol	0.40	U	0.40	0.015	mg/Kg	☼	10/02/25 18:11	10/03/25 21:28	1
2-Nitroaniline	0.40	U	0.40	0.030	mg/Kg	☼	10/02/25 18:11	10/03/25 21:28	1
2-Nitrophenol	0.40	U	0.40	0.040	mg/Kg	☼	10/02/25 18:11	10/03/25 21:28	1
3 & 4 Methylphenol	0.40	U	0.40	0.025	mg/Kg	☼	10/02/25 18:11	10/03/25 21:28	1
3,3'-Dichlorobenzidine	0.16	U	0.16	0.060	mg/Kg	☼	10/02/25 18:11	10/03/25 21:28	1
3-Nitroaniline	0.40	U	0.40	0.094	mg/Kg	☼	10/02/25 18:11	10/03/25 21:28	1
4,6-Dinitro-2-methylphenol	0.32	U	0.32	0.16	mg/Kg	☼	10/02/25 18:11	10/03/25 21:28	1
4-Bromophenyl phenyl ether	0.40	U	0.40	0.016	mg/Kg	☼	10/02/25 18:11	10/03/25 21:28	1
4-Chloro-3-methylphenol	0.40	U	0.40	0.022	mg/Kg	☼	10/02/25 18:11	10/03/25 21:28	1
4-Chloroaniline	0.40	U	0.40	0.070	mg/Kg	☼	10/02/25 18:11	10/03/25 21:28	1
4-Chlorophenyl phenyl ether	0.40	U	0.40	0.014	mg/Kg	☼	10/02/25 18:11	10/03/25 21:28	1
4-Methylphenol	0.40	U	0.40	0.025	mg/Kg	☼	10/02/25 18:11	10/03/25 21:28	1
4-Nitroaniline	0.40	U	0.40	0.10	mg/Kg	☼	10/02/25 18:11	10/03/25 21:28	1
4-Nitrophenol	0.80	U	0.80	0.065	mg/Kg	☼	10/02/25 18:11	10/03/25 21:28	1
Acenaphthene	0.40	U	0.40	0.011	mg/Kg	☼	10/02/25 18:11	10/03/25 21:28	1
Acenaphthylene	0.40	U	0.40	0.011	mg/Kg	☼	10/02/25 18:11	10/03/25 21:28	1
Acetophenone	0.40	U	0.40	0.019	mg/Kg	☼	10/02/25 18:11	10/03/25 21:28	1
Anthracene	0.40	U	0.40	0.012	mg/Kg	☼	10/02/25 18:11	10/03/25 21:28	1
Atrazine	0.16	U	0.16	0.023	mg/Kg	☼	10/02/25 18:11	10/03/25 21:28	1
Benzaldehyde	0.40	U	0.40	0.066	mg/Kg	☼	10/02/25 18:11	10/03/25 21:28	1
Benzo[a]anthracene	0.040	U	0.040	0.030	mg/Kg	☼	10/02/25 18:11	10/03/25 21:28	1
Benzo[a]pyrene	0.040	U	0.040	0.011	mg/Kg	☼	10/02/25 18:11	10/03/25 21:28	1
Benzo[b]fluoranthene	0.040	U	0.040	0.010	mg/Kg	☼	10/02/25 18:11	10/03/25 21:28	1
Benzo[g,h,i]perylene	0.40	U	0.40	0.012	mg/Kg	☼	10/02/25 18:11	10/03/25 21:28	1
Benzo[k]fluoranthene	0.040	U	0.040	0.0078	mg/Kg	☼	10/02/25 18:11	10/03/25 21:28	1
Bis(2-chloroethoxy)methane	0.40	U	0.40	0.073	mg/Kg	☼	10/02/25 18:11	10/03/25 21:28	1
Bis(2-chloroethyl)ether	0.040	U	0.040	0.014	mg/Kg	☼	10/02/25 18:11	10/03/25 21:28	1
Bis(2-ethylhexyl) phthalate	0.40	U	0.40	0.021	mg/Kg	☼	10/02/25 18:11	10/03/25 21:28	1
Butyl benzyl phthalate	0.40	U	0.40	0.019	mg/Kg	☼	10/02/25 18:11	10/03/25 21:28	1
Caprolactam	0.40	U	0.40	0.062	mg/Kg	☼	10/02/25 18:11	10/03/25 21:28	1
Carbazole	0.40	U	0.40	0.015	mg/Kg	☼	10/02/25 18:11	10/03/25 21:28	1
Chrysene	0.40	U	0.40	0.017	mg/Kg	☼	10/02/25 18:11	10/03/25 21:28	1
Dibenz(a,h)anthracene	0.040	U	0.040	0.017	mg/Kg	☼	10/02/25 18:11	10/03/25 21:28	1
Dibenzofuran	0.40	U	0.40	0.013	mg/Kg	☼	10/02/25 18:11	10/03/25 21:28	1

Client Sample ID: 8A_5-10
Date Collected: 10/01/25 08:35
Date Received: 10/01/25 16:15

Lab Sample ID: 460-336212-8
Matrix: Solid
Percent Solids: 83.3

Method: SW846 8270E - Semivolatile Organic Compounds (GC/MS) (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Diethyl phthalate	0.40	U	0.40	0.013	mg/Kg	☼	10/02/25 18:11	10/03/25 21:28	1
Dimethyl phthalate	0.40	U	0.40	0.090	mg/Kg	☼	10/02/25 18:11	10/03/25 21:28	1
Di-n-butyl phthalate	0.40	U	0.40	0.015	mg/Kg	☼	10/02/25 18:11	10/03/25 21:28	1
Di-n-octyl phthalate	0.40	U	0.40	0.021	mg/Kg	☼	10/02/25 18:11	10/03/25 21:28	1
Fluoranthene	0.40	U	0.40	0.014	mg/Kg	☼	10/02/25 18:11	10/03/25 21:28	1
Fluorene	0.40	U	0.40	0.012	mg/Kg	☼	10/02/25 18:11	10/03/25 21:28	1
Hexachlorobenzene	0.040	U	0.040	0.019	mg/Kg	☼	10/02/25 18:11	10/03/25 21:28	1
Hexachlorobutadiene	0.080	U	0.080	0.0085	mg/Kg	☼	10/02/25 18:11	10/03/25 21:28	1
Hexachlorocyclopentadiene	0.40	U	0.40	0.035	mg/Kg	☼	10/02/25 18:11	10/03/25 21:28	1
Hexachloroethane	0.040	U	0.040	0.014	mg/Kg	☼	10/02/25 18:11	10/03/25 21:28	1
Indeno[1,2,3-cd]pyrene	0.040	U	0.040	0.016	mg/Kg	☼	10/02/25 18:11	10/03/25 21:28	1
Isophorone	0.16	U	0.16	0.11	mg/Kg	☼	10/02/25 18:11	10/03/25 21:28	1
Naphthalene	0.40	U	0.40	0.0069	mg/Kg	☼	10/02/25 18:11	10/03/25 21:28	1
Nitrobenzene	0.040	U	0.040	0.022	mg/Kg	☼	10/02/25 18:11	10/03/25 21:28	1
N-Nitrosodi-n-propylamine	0.040	U	0.040	0.029	mg/Kg	☼	10/02/25 18:11	10/03/25 21:28	1
N-Nitrosodiphenylamine	0.40	U	0.40	0.033	mg/Kg	☼	10/02/25 18:11	10/03/25 21:28	1
Pentachlorophenol	0.32	U	0.32	0.081	mg/Kg	☼	10/02/25 18:11	10/03/25 21:28	1
Phenanthrene	0.40	U	0.40	0.016	mg/Kg	☼	10/02/25 18:11	10/03/25 21:28	1
Phenol	0.40	U	0.40	0.015	mg/Kg	☼	10/02/25 18:11	10/03/25 21:28	1
Pyrene	0.40	U	0.40	0.0099	mg/Kg	☼	10/02/25 18:11	10/03/25 21:28	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
2,4,6-Tribromophenol (Surr)	*60*		*18 - 137*	*10/02/25 18:11*	*10/03/25 21:28*	*1*
2-Fluorobiphenyl	*64*		*33 - 117*	*10/02/25 18:11*	*10/03/25 21:28*	*1*
2-Fluorophenol (Surr)	*67*		*24 - 120*	*10/02/25 18:11*	*10/03/25 21:28*	*1*
Nitrobenzene-d5 (Surr)	*68*		*27 - 120*	*10/02/25 18:11*	*10/03/25 21:28*	*1*
Phenol-d5 (Surr)	*66*		*28 - 118*	*10/02/25 18:11*	*10/03/25 21:28*	*1*
Terphenyl-d14 (Surr)	*72*		*33 - 124*	*10/02/25 18:11*	*10/03/25 21:28*	*1*

Method: SW846 8081B - Organochlorine Pesticides (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
4,4'-DDD	0.0080	U	0.0080	0.0014	mg/Kg	☼	10/02/25 18:00	10/03/25 11:37	1
4,4'-DDE	0.0080	U	0.0080	0.00095	mg/Kg	☼	10/02/25 18:00	10/03/25 11:37	1
4,4'-DDT	0.0080	U	0.0080	0.0015	mg/Kg	☼	10/02/25 18:00	10/03/25 11:37	1
Aldrin	0.0080	U	0.0080	0.0012	mg/Kg	☼	10/02/25 18:00	10/03/25 11:37	1
alpha-BHC	0.0024	U	0.0024	0.00082	mg/Kg	☼	10/02/25 18:00	10/03/25 11:37	1
beta-BHC	0.0024	U	0.0024	0.00090	mg/Kg	☼	10/02/25 18:00	10/03/25 11:37	1
Chlordane (technical)	0.080	U	0.080	0.019	mg/Kg	☼	10/02/25 18:00	10/03/25 11:37	1
cis-Chlordane	0.0080	U	0.0080	0.0013	mg/Kg	☼	10/02/25 18:00	10/03/25 11:37	1
delta-BHC	0.0024	U	0.0024	0.00049	mg/Kg	☼	10/02/25 18:00	10/03/25 11:37	1
Dieldrin	0.0024	U	0.0024	0.0010	mg/Kg	☼	10/02/25 18:00	10/03/25 11:37	1
Endosulfan I	0.0080	U	0.0080	0.0012	mg/Kg	☼	10/02/25 18:00	10/03/25 11:37	1
Endosulfan II	0.0080	U	0.0080	0.0021	mg/Kg	☼	10/02/25 18:00	10/03/25 11:37	1
Endosulfan sulfate	0.0080	U	0.0080	0.0010	mg/Kg	☼	10/02/25 18:00	10/03/25 11:37	1
Endrin	0.0080	U	0.0080	0.0012	mg/Kg	☼	10/02/25 18:00	10/03/25 11:37	1
Endrin aldehyde	0.0080	U	0.0080	0.0019	mg/Kg	☼	10/02/25 18:00	10/03/25 11:37	1
Endrin ketone	0.0080	U	0.0080	0.0016	mg/Kg	☼	10/02/25 18:00	10/03/25 11:37	1
gamma-BHC (Lindane)	0.0024	U	0.0024	0.00074	mg/Kg	☼	10/02/25 18:00	10/03/25 11:37	1
Heptachlor	0.0080	U	0.0080	0.00095	mg/Kg	☼	10/02/25 18:00	10/03/25 11:37	1
Heptachlor epoxide	0.0080	U	0.0080	0.0012	mg/Kg	☼	10/02/25 18:00	10/03/25 11:37	1

Client Sample ID: 8A_5-10
Date Collected: 10/01/25 08:35
Date Received: 10/01/25 16:15

Lab Sample ID: 460-336212-8
Matrix: Solid
Percent Solids: 83.3

Method: SW846 8081B - Organochlorine Pesticides (GC) (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Methoxychlor	0.0080	U	0.0080	0.0018	mg/Kg	☼	10/02/25 18:00	10/03/25 11:37	1
Toxaphene	0.080	U	0.080	0.029	mg/Kg	☼	10/02/25 18:00	10/03/25 11:37	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
DCB Decachlorobiphenyl	*81*		*10 - 150*	*10/02/25 18:00*	*10/03/25 11:37*	*1*
DCB Decachlorobiphenyl	*110*		*10 - 150*	*10/02/25 18:00*	*10/03/25 11:37*	*1*
Tetrachloro-m-xylene	*79*		*14 - 150*	*10/02/25 18:00*	*10/03/25 11:37*	*1*
Tetrachloro-m-xylene	*88*		*14 - 150*	*10/02/25 18:00*	*10/03/25 11:37*	*1*

Method: SW846 8082A - Polychlorinated Biphenyls (PCBs) by Gas Chromatography

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Aroclor 1016	0.080	U	0.080	0.021	mg/Kg	☼	10/02/25 17:41	10/03/25 17:34	1
Aroclor 1221	0.080	U	0.080	0.021	mg/Kg	☼	10/02/25 17:41	10/03/25 17:34	1
Aroclor 1232	0.080	U	0.080	0.021	mg/Kg	☼	10/02/25 17:41	10/03/25 17:34	1
Aroclor 1242	0.080	U	0.080	0.021	mg/Kg	☼	10/02/25 17:41	10/03/25 17:34	1
Aroclor 1248	0.080	U	0.080	0.021	mg/Kg	☼	10/02/25 17:41	10/03/25 17:34	1
Aroclor 1254	0.080	U	0.080	0.021	mg/Kg	☼	10/02/25 17:41	10/03/25 17:34	1
Aroclor 1260	0.080	U	0.080	0.021	mg/Kg	☼	10/02/25 17:41	10/03/25 17:34	1
Aroclor-1262	0.080	U	0.080	0.021	mg/Kg	☼	10/02/25 17:41	10/03/25 17:34	1
Aroclor 1268	0.080	U	0.080	0.021	mg/Kg	☼	10/02/25 17:41	10/03/25 17:34	1
Polychlorinated biphenyls, Total	0.080	U	0.080	0.021	mg/Kg	☼	10/02/25 17:41	10/03/25 17:34	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
DCB Decachlorobiphenyl	*125*		*10 - 150*	*10/02/25 17:41*	*10/03/25 17:34*	*1*
DCB Decachlorobiphenyl	*130*		*10 - 150*	*10/02/25 17:41*	*10/03/25 17:34*	*1*
Tetrachloro-m-xylene	*120*		*10 - 150*	*10/02/25 17:41*	*10/03/25 17:34*	*1*
Tetrachloro-m-xylene	*126*		*10 - 150*	*10/02/25 17:41*	*10/03/25 17:34*	*1*

Method: EPA 1633A - Per- and Polyfluoroalkyl Substances by LC/MS/MS, 1633A

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Perfluorobutanoic acid (PFBA)	0.40	U	0.40	0.10	ug/Kg	☼	10/07/25 14:14	10/08/25 01:00	1
Perfluoropentanoic acid (PFPeA)	0.20	U	0.20	0.10	ug/Kg	☼	10/07/25 14:14	10/08/25 01:00	1
Perfluorohexanoic acid (PFHxA)	0.20	U	0.20	0.10	ug/Kg	☼	10/07/25 14:14	10/08/25 01:00	1
Perfluoroheptanoic acid (PFHpA)	0.20	U	0.20	0.10	ug/Kg	☼	10/07/25 14:14	10/08/25 01:00	1
Perfluorooctanoic acid (PFOA)	0.20	U	0.20	0.060	ug/Kg	☼	10/07/25 14:14	10/08/25 01:00	1
Perfluorononanoic acid (PFNA)	0.20	U	0.20	0.10	ug/Kg	☼	10/07/25 14:14	10/08/25 01:00	1
Perfluorodecanoic acid (PFDA)	0.20	U	0.20	0.060	ug/Kg	☼	10/07/25 14:14	10/08/25 01:00	1
Perfluoroundecanoic acid (PFUnA)	**1.21**		0.20	0.10	ug/Kg	☼	10/07/25 14:14	10/08/25 01:00	1
Perfluorododecanoic acid (PFDoA)	**0.11**	**J**	0.20	0.10	ug/Kg	☼	10/07/25 14:14	10/08/25 01:00	1
Perfluorotridecanoic acid (PFTrDA)	**1.15**		0.20	0.10	ug/Kg	☼	10/07/25 14:14	10/08/25 01:00	1
Perfluorotetradecanoic acid (PFTeDA)	0.20	U	0.20	0.10	ug/Kg	☼	10/07/25 14:14	10/08/25 01:00	1
Perfluorobutanesulfonic acid (PFBS)	0.20	U	0.20	0.10	ug/Kg	☼	10/07/25 14:14	10/08/25 01:00	1
Perfluoropentanesulfonic acid (PFPeS)	0.20	U	0.20	0.10	ug/Kg	☼	10/07/25 14:14	10/08/25 01:00	1
Perfluorohexanesulfonic acid (PFHxS)	0.20	U	0.20	0.10	ug/Kg	☼	10/07/25 14:14	10/08/25 01:00	1
Perfluoroheptanesulfonic acid (PFHpS)	0.20	U	0.20	0.10	ug/Kg	☼	10/07/25 14:14	10/08/25 01:00	1
Perfluorooctanesulfonic acid (PFOS)	0.20	U	0.20	0.10	ug/Kg	☼	10/07/25 14:14	10/08/25 01:00	1
Perfluorononanesulfonic acid (PFNS)	0.20	U	0.20	0.10	ug/Kg	☼	10/07/25 14:14	10/08/25 01:00	1

Client Sample ID: 8A_5-10
Date Collected: 10/01/25 08:35
Date Received: 10/01/25 16:15

Lab Sample ID: 460-336212-8
Matrix: Solid
Percent Solids: 83.3

Method: EPA 1633A - Per- and Polyfluoroalkyl Substances by LC/MS/MS, 1633A (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Perfluorodecanesulfonic acid (PFDS)	0.20	U	0.20	0.10	ug/Kg	☼	10/07/25 14:14	10/08/25 01:00	1
Perfluorododecanesulfonic acid (PFDoS)	0.20	U	0.20	0.10	ug/Kg	☼	10/07/25 14:14	10/08/25 01:00	1
1H,1H,2H,2H-Perfluorohexane sulfonic acid (4:2 FTS)	0.40	U	0.40	0.20	ug/Kg	☼	10/07/25 14:14	10/08/25 01:00	1
1H,1H,2H,2H-Perfluorooctane sulfonic acid (6:2 FTS)	0.40	U	0.40	0.20	ug/Kg	☼	10/07/25 14:14	10/08/25 01:00	1
1H,1H,2H,2H-Perfluorodecane sulfonic acid (8:2 FTS)	0.40	U	0.40	0.20	ug/Kg	☼	10/07/25 14:14	10/08/25 01:00	1
Perfluorooctanesulfonamide (PFOSA)	0.20	U	0.20	0.10	ug/Kg	☼	10/07/25 14:14	10/08/25 01:00	1
N-methylperfluorooctane sulfonamide (NMeFOSA)	0.20	U	0.20	0.10	ug/Kg	☼	10/07/25 14:14	10/08/25 01:00	1
N-ethylperfluorooctane sulfonamide (NEtFOSA)	0.20	U	0.20	0.10	ug/Kg	☼	10/07/25 14:14	10/08/25 01:00	1
N-methylperfluorooctanesulfonamidoacetic acid (NMeFOSAA)	0.20	U	0.20	0.10	ug/Kg	☼	10/07/25 14:14	10/08/25 01:00	1
N-ethylperfluorooctanesulfonamidoacetic acid (NEtFOSAA)	0.20	U	0.20	0.10	ug/Kg	☼	10/07/25 14:14	10/08/25 01:00	1
N-methylperfluorooctane sulfonamidoethanol (NMeFOSE)	1.00	U	1.00	0.50	ug/Kg	☼	10/07/25 14:14	10/08/25 01:00	1
N-ethylperfluorooctane sulfonamidoethanol (NEtFOSE)	1.00	U	1.00	0.50	ug/Kg	☼	10/07/25 14:14	10/08/25 01:00	1
Hexafluoropropylene Oxide Dimer Acid (HFPO-DA)	0.20	U	0.20	0.10	ug/Kg	☼	10/07/25 14:14	10/08/25 01:00	1
4,8-Dioxa-3H-perfluorononanoic acid (ADONA)	0.20	U	0.20	0.10	ug/Kg	☼	10/07/25 14:14	10/08/25 01:00	1
Perfluoro-3-methoxypropanoic acid (PFMPA)	0.20	U	0.20	0.10	ug/Kg	☼	10/07/25 14:14	10/08/25 01:00	1
Perfluoro-4-methoxybutanoic acid (PFMBA)	0.20	U	0.20	0.10	ug/Kg	☼	10/07/25 14:14	10/08/25 01:00	1
Nonafluoro-3,6-dioxaheptanoic acid (NFDHA)	0.20	U	0.20	0.10	ug/Kg	☼	10/07/25 14:14	10/08/25 01:00	1
9-Chlorohexadecafluoro-3-oxanonane-1-sulfonic acid (9Cl-PF3ONS)	0.20	U	0.20	0.10	ug/Kg	☼	10/07/25 14:14	10/08/25 01:00	1
11-Chloroeicosafluoro-3-oxaundecane-1-sulfonic acid (11Cl-PF3OUdS)	0.20	U	0.20	0.10	ug/Kg	☼	10/07/25 14:14	10/08/25 01:00	1
Perfluoro (2-ethoxyethane) sulfonic acid (PFEESA)	0.20	U	0.20	0.10	ug/Kg	☼	10/07/25 14:14	10/08/25 01:00	1
3-Perfluoropropylpropanoic acid (3:3 FTCA)	0.40	U	0.40	0.20	ug/Kg	☼	10/07/25 14:14	10/08/25 01:00	1
3-Perfluoropentylpropanoic acid (5:3 FTCA)	1.00	U	1.00	0.50	ug/Kg	☼	10/07/25 14:14	10/08/25 01:00	1
3-Perfluoroheptylpropanoic acid (7:3 FTCA)	1.00	U	1.00	0.50	ug/Kg	☼	10/07/25 14:14	10/08/25 01:00	1

Isotope Dilution	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
13C4 PFBA	*106*		*8 - 130*	*10/07/25 14:14*	*10/08/25 01:00*	*1*
13C5 PFPeA	*113*		*35 - 130*	*10/07/25 14:14*	*10/08/25 01:00*	*1*
13C5 PFHxA	*98.7*		*40 - 130*	*10/07/25 14:14*	*10/08/25 01:00*	*1*
13C4 PFHpA	*103*		*40 - 130*	*10/07/25 14:14*	*10/08/25 01:00*	*1*
13C8 PFOA	*102*		*40 - 130*	*10/07/25 14:14*	*10/08/25 01:00*	*1*
13C9 PFNA	*94.0*		*40 - 130*	*10/07/25 14:14*	*10/08/25 01:00*	*1*
13C6 PFDA	*98.7*		*40 - 130*	*10/07/25 14:14*	*10/08/25 01:00*	*1*
13C7 PFUnA	*94.9*		*40 - 130*	*10/07/25 14:14*	*10/08/25 01:00*	*1*
13C2 PFTeDA	*74.5*		*20 - 130*	*10/07/25 14:14*	*10/08/25 01:00*	*1*

Client Sample ID: 8A_5-10
Date Collected: 10/01/25 08:35
Date Received: 10/01/25 16:15

Lab Sample ID: 460-336212-8
Matrix: Solid
Percent Solids: 83.3

Method: EPA 1633A - Per- and Polyfluoroalkyl Substances by LC/MS/MS, 1633A (Continued)

Isotope Dilution	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
13C3 PFBS	99.0		40 - 135	10/07/25 14:14	10/08/25 01:00	1
13C3 PFHxS	97.7		40 - 130	10/07/25 14:14	10/08/25 01:00	1
13C8 PFOS	99.3		40 - 130	10/07/25 14:14	10/08/25 01:00	1
13C8 FOSA	57.8		40 - 130	10/07/25 14:14	10/08/25 01:00	1
d3-NMeFOSAA	56.4		40 - 135	10/07/25 14:14	10/08/25 01:00	1
d5-NEtFOSAA	53.5		40 - 150	10/07/25 14:14	10/08/25 01:00	1
13C2 4:2 FTS	90.5		40 - 165	10/07/25 14:14	10/08/25 01:00	1
13C2 6:2 FTS	92.7		40 - 215	10/07/25 14:14	10/08/25 01:00	1
13C2 8:2 FTS	77.8		40 - 275	10/07/25 14:14	10/08/25 01:00	1
13C3 HFPO-DA	106		40 - 130	10/07/25 14:14	10/08/25 01:00	1
d7-N-MeFOSE-M	42.5		20 - 130	10/07/25 14:14	10/08/25 01:00	1
d9-N-EtFOSE-M	38.6		15 - 130	10/07/25 14:14	10/08/25 01:00	1
d5-NEtPFOSA	47.3		10 - 130	10/07/25 14:14	10/08/25 01:00	1
d3-NMePFOSA	50.5		10 - 130	10/07/25 14:14	10/08/25 01:00	1
13C2 PFDoA	82.4		40 - 130	10/07/25 14:14	10/08/25 01:00	1

Method: SW846 6020B - Metals (ICP/MS)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Aluminum	8230		21.1	5.8	mg/Kg	☼	10/07/25 06:40	10/07/25 17:30	1
Antimony	0.89	J	1.1	0.15	mg/Kg	☼	10/07/25 06:40	10/07/25 17:30	1
Arsenic	5.9		1.1	0.11	mg/Kg	☼	10/07/25 06:40	10/07/25 17:30	1
Barium	66.9		2.1	0.15	mg/Kg	☼	10/07/25 06:40	10/07/25 17:30	1
Beryllium	0.81		0.42	0.023	mg/Kg	☼	10/07/25 06:40	10/07/25 17:30	1
Cadmium	0.30	J	1.1	0.12	mg/Kg	☼	10/07/25 06:40	10/07/25 17:30	1
Calcium	1730		105	10.2	mg/Kg	☼	10/07/25 06:40	10/07/25 17:30	1
Chromium	25.5		2.1	0.31	mg/Kg	☼	10/07/25 06:40	10/07/25 17:30	1
Cobalt	9.8		1.1	0.16	mg/Kg	☼	10/07/25 06:40	10/07/25 17:30	1
Copper	61.3		2.1	0.39	mg/Kg	☼	10/07/25 06:40	10/07/25 17:30	1
Iron	21800		63.2	8.1	mg/Kg	☼	10/07/25 06:40	10/07/25 17:30	1
Lead	161		0.63	0.21	mg/Kg	☼	10/07/25 06:40	10/07/25 17:30	1
Magnesium	3120		105	10.7	mg/Kg	☼	10/07/25 06:40	10/07/25 17:30	1
Manganese	277		4.2	0.42	mg/Kg	☼	10/07/25 06:40	10/07/25 17:30	1
Nickel	31.7		2.1	0.19	mg/Kg	☼	10/07/25 06:40	10/07/25 17:30	1
Potassium	1220		105	17.1	mg/Kg	☼	10/07/25 06:40	10/07/25 17:30	1
Selenium	0.26	J	1.3	0.13	mg/Kg	☼	10/07/25 06:40	10/07/25 17:30	1
Silver	0.16	J	0.42	0.094	mg/Kg	☼	10/07/25 06:40	10/07/25 17:30	1
Sodium	119		105	48.1	mg/Kg	☼	10/07/25 06:40	10/07/25 17:30	1
Thallium	0.11	J	0.42	0.043	mg/Kg	☼	10/07/25 06:40	10/07/25 17:30	1
Vanadium	24.9		2.1	0.22	mg/Kg	☼	10/07/25 06:40	10/07/25 17:30	1
Zinc	180		8.4	1.1	mg/Kg	☼	10/07/25 06:40	10/07/25 17:30	1

Method: SW846 7471B - Mercury (CVAA)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	0.020		0.020	0.0096	mg/Kg	☼	10/09/25 01:39	10/09/25 09:08	1

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Percent Moisture (EPA Moisture)	16.7		1.0	1.0	%			10/06/25 16:57	1
Percent Solids (EPA Moisture)	83.3		1.0	1.0	%			10/06/25 16:57	1

Client Sample ID: 8B_0-5
Date Collected: 10/01/25 08:40
Date Received: 10/01/25 16:15

Lab Sample ID: 460-336212-9
Matrix: Solid
Percent Solids: 92.3

Method: SW846 8270E - Semivolatile Organic Compounds (GC/MS)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1'-Biphenyl	0.36	U	0.36	0.012	mg/Kg	☼	10/02/25 18:11	10/04/25 02:15	1
1,2,4,5-Tetrachlorobenzene	0.36	U	0.36	0.011	mg/Kg	☼	10/02/25 18:11	10/04/25 02:15	1
1,4-Dioxane	0.036	U	0.036	0.031	mg/Kg	☼	10/02/25 18:11	10/04/25 02:15	1
2,2'-oxybis[1-chloropropane]	0.36	U	0.36	0.021	mg/Kg	☼	10/02/25 18:11	10/04/25 02:15	1
2,3,4,6-Tetrachlorophenol	0.36	U	0.36	0.024	mg/Kg	☼	10/02/25 18:11	10/04/25 02:15	1
2,4,5-Trichlorophenol	0.36	U	0.36	0.037	mg/Kg	☼	10/02/25 18:11	10/04/25 02:15	1
2,4,6-Trichlorophenol	0.14	U	0.14	0.046	mg/Kg	☼	10/02/25 18:11	10/04/25 02:15	1
2,4-Dichlorophenol	0.14	U	0.14	0.023	mg/Kg	☼	10/02/25 18:11	10/04/25 02:15	1
2,4-Dimethylphenol	0.36	U	0.36	0.043	mg/Kg	☼	10/02/25 18:11	10/04/25 02:15	1
2,4-Dinitrophenol	0.29	U	0.29	0.18	mg/Kg	☼	10/02/25 18:11	10/04/25 02:15	1
2,4-Dinitrotoluene	0.073	U	0.073	0.039	mg/Kg	☼	10/02/25 18:11	10/04/25 02:15	1
2,6-Dinitrotoluene	0.073	U	0.073	0.026	mg/Kg	☼	10/02/25 18:11	10/04/25 02:15	1
2-Chloronaphthalene	0.36	U	0.36	0.046	mg/Kg	☼	10/02/25 18:11	10/04/25 02:15	1
2-Chlorophenol	0.36	U	0.36	0.013	mg/Kg	☼	10/02/25 18:11	10/04/25 02:15	1
2-Methylnaphthalene	0.36	U	0.36	0.010	mg/Kg	☼	10/02/25 18:11	10/04/25 02:15	1
2-Methylphenol	0.36	U	0.36	0.013	mg/Kg	☼	10/02/25 18:11	10/04/25 02:15	1
2-Nitroaniline	0.36	U	0.36	0.027	mg/Kg	☼	10/02/25 18:11	10/04/25 02:15	1
2-Nitrophenol	0.36	U	0.36	0.036	mg/Kg	☼	10/02/25 18:11	10/04/25 02:15	1
3 & 4 Methylphenol	0.36	U	0.36	0.022	mg/Kg	☼	10/02/25 18:11	10/04/25 02:15	1
3,3'-Dichlorobenzidine	0.14	U	0.14	0.054	mg/Kg	☼	10/02/25 18:11	10/04/25 02:15	1
3-Nitroaniline	0.36	U	0.36	0.085	mg/Kg	☼	10/02/25 18:11	10/04/25 02:15	1
4,6-Dinitro-2-methylphenol	0.29	U	0.29	0.15	mg/Kg	☼	10/02/25 18:11	10/04/25 02:15	1
4-Bromophenyl phenyl ether	0.36	U	0.36	0.014	mg/Kg	☼	10/02/25 18:11	10/04/25 02:15	1
4-Chloro-3-methylphenol	0.36	U	0.36	0.020	mg/Kg	☼	10/02/25 18:11	10/04/25 02:15	1
4-Chloroaniline	0.36	U	0.36	0.064	mg/Kg	☼	10/02/25 18:11	10/04/25 02:15	1
4-Chlorophenyl phenyl ether	0.36	U	0.36	0.013	mg/Kg	☼	10/02/25 18:11	10/04/25 02:15	1
4-Methylphenol	0.36	U	0.36	0.022	mg/Kg	☼	10/02/25 18:11	10/04/25 02:15	1
4-Nitroaniline	0.36	U	0.36	0.091	mg/Kg	☼	10/02/25 18:11	10/04/25 02:15	1
4-Nitrophenol	0.73	U	0.73	0.058	mg/Kg	☼	10/02/25 18:11	10/04/25 02:15	1
Acenaphthene	0.36	U	0.36	0.010	mg/Kg	☼	10/02/25 18:11	10/04/25 02:15	1
Acenaphthylene	0.36	U	0.36	0.010	mg/Kg	☼	10/02/25 18:11	10/04/25 02:15	1
Acetophenone	0.36	U	0.36	0.018	mg/Kg	☼	10/02/25 18:11	10/04/25 02:15	1
Anthracene	0.36	U	0.36	0.011	mg/Kg	☼	10/02/25 18:11	10/04/25 02:15	1
Atrazine	0.14	U	0.14	0.021	mg/Kg	☼	10/02/25 18:11	10/04/25 02:15	1
Benzaldehyde	0.36	U	0.36	0.059	mg/Kg	☼	10/02/25 18:11	10/04/25 02:15	1
Benzo[a]anthracene	0.036	U	0.036	0.027	mg/Kg	☼	10/02/25 18:11	10/04/25 02:15	1
Benzo[a]pyrene	0.036	U	0.036	0.0095	mg/Kg	☼	10/02/25 18:11	10/04/25 02:15	1
Benzo[b]fluoranthene	**0.012**	**J**	0.036	0.0093	mg/Kg	☼	10/02/25 18:11	10/04/25 02:15	1
Benzo[g,h,i]perylene	0.36	U	0.36	0.011	mg/Kg	☼	10/02/25 18:11	10/04/25 02:15	1
Benzo[k]fluoranthene	0.036	U	0.036	0.0070	mg/Kg	☼	10/02/25 18:11	10/04/25 02:15	1
Bis(2-chloroethoxy)methane	0.36	U	0.36	0.066	mg/Kg	☼	10/02/25 18:11	10/04/25 02:15	1
Bis(2-chloroethyl)ether	0.036	U	0.036	0.012	mg/Kg	☼	10/02/25 18:11	10/04/25 02:15	1
Bis(2-ethylhexyl) phthalate	0.36	U	0.36	0.019	mg/Kg	☼	10/02/25 18:11	10/04/25 02:15	1
Butyl benzyl phthalate	0.36	U	0.36	0.017	mg/Kg	☼	10/02/25 18:11	10/04/25 02:15	1
Caprolactam	0.36	U	0.36	0.056	mg/Kg	☼	10/02/25 18:11	10/04/25 02:15	1
Carbazole	0.36	U	0.36	0.014	mg/Kg	☼	10/02/25 18:11	10/04/25 02:15	1
Chrysene	0.36	U	0.36	0.015	mg/Kg	☼	10/02/25 18:11	10/04/25 02:15	1
Dibenz(a,h)anthracene	0.036	U	0.036	0.016	mg/Kg	☼	10/02/25 18:11	10/04/25 02:15	1
Dibenzofuran	0.36	U	0.36	0.012	mg/Kg	☼	10/02/25 18:11	10/04/25 02:15	1

Client Sample ID: 8B_0-5
Date Collected: 10/01/25 08:40
Date Received: 10/01/25 16:15

Lab Sample ID: 460-336212-9
Matrix: Solid
Percent Solids: 92.3

Method: SW846 8270E - Semivolatile Organic Compounds (GC/MS) (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Diethyl phthalate	0.36	U	0.36	0.012	mg/Kg	☼	10/02/25 18:11	10/04/25 02:15	1
Dimethyl phthalate	0.36	U	0.36	0.081	mg/Kg	☼	10/02/25 18:11	10/04/25 02:15	1
Di-n-butyl phthalate	0.36	U	0.36	0.014	mg/Kg	☼	10/02/25 18:11	10/04/25 02:15	1
Di-n-octyl phthalate	0.36	U	0.36	0.019	mg/Kg	☼	10/02/25 18:11	10/04/25 02:15	1
Fluoranthene	0.36	U	0.36	0.013	mg/Kg	☼	10/02/25 18:11	10/04/25 02:15	1
Fluorene	0.36	U	0.36	0.010	mg/Kg	☼	10/02/25 18:11	10/04/25 02:15	1
Hexachlorobenzene	0.036	U	0.036	0.017	mg/Kg	☼	10/02/25 18:11	10/04/25 02:15	1
Hexachlorobutadiene	0.073	U	0.073	0.0076	mg/Kg	☼	10/02/25 18:11	10/04/25 02:15	1
Hexachlorocyclopentadiene	0.36	U	0.36	0.031	mg/Kg	☼	10/02/25 18:11	10/04/25 02:15	1
Hexachloroethane	0.036	U	0.036	0.012	mg/Kg	☼	10/02/25 18:11	10/04/25 02:15	1
Indeno[1,2,3-cd]pyrene	0.036	U	0.036	0.014	mg/Kg	☼	10/02/25 18:11	10/04/25 02:15	1
Isophorone	0.14	U	0.14	0.10	mg/Kg	☼	10/02/25 18:11	10/04/25 02:15	1
Naphthalene	0.36	U	0.36	0.0062	mg/Kg	☼	10/02/25 18:11	10/04/25 02:15	1
Nitrobenzene	0.036	U	0.036	0.020	mg/Kg	☼	10/02/25 18:11	10/04/25 02:15	1
N-Nitrosodi-n-propylamine	0.036	U	0.036	0.026	mg/Kg	☼	10/02/25 18:11	10/04/25 02:15	1
N-Nitrosodiphenylamine	0.36	U	0.36	0.029	mg/Kg	☼	10/02/25 18:11	10/04/25 02:15	1
Pentachlorophenol	0.29	U	0.29	0.073	mg/Kg	☼	10/02/25 18:11	10/04/25 02:15	1
Phenanthrene	0.36	U	0.36	0.015	mg/Kg	☼	10/02/25 18:11	10/04/25 02:15	1
Phenol	0.36	U	0.36	0.013	mg/Kg	☼	10/02/25 18:11	10/04/25 02:15	1
Pyrene	**0.013**	**J**	0.36	0.0089	mg/Kg	☼	10/02/25 18:11	10/04/25 02:15	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
2,4,6-Tribromophenol (Surr)	*57*		*18 - 137*	*10/02/25 18:11*	*10/04/25 02:15*	*1*
2-Fluorobiphenyl	*60*		*33 - 117*	*10/02/25 18:11*	*10/04/25 02:15*	*1*
2-Fluorophenol (Surr)	*61*		*24 - 120*	*10/02/25 18:11*	*10/04/25 02:15*	*1*
Nitrobenzene-d5 (Surr)	*60*		*27 - 120*	*10/02/25 18:11*	*10/04/25 02:15*	*1*
Phenol-d5 (Surr)	*60*		*28 - 118*	*10/02/25 18:11*	*10/04/25 02:15*	*1*
Terphenyl-d14 (Surr)	*68*		*33 - 124*	*10/02/25 18:11*	*10/04/25 02:15*	*1*

Method: SW846 8081B - Organochlorine Pesticides (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
4,4'-DDD	0.0073	U	0.0073	0.0012	mg/Kg	☼	10/02/25 18:00	10/03/25 11:49	1
4,4'-DDE	0.0073	U	0.0073	0.00086	mg/Kg	☼	10/02/25 18:00	10/03/25 11:49	1
4,4'-DDT	0.0073	U	0.0073	0.0013	mg/Kg	☼	10/02/25 18:00	10/03/25 11:49	1
Aldrin	0.0073	U	0.0073	0.0011	mg/Kg	☼	10/02/25 18:00	10/03/25 11:49	1
alpha-BHC	0.0022	U	0.0022	0.00074	mg/Kg	☼	10/02/25 18:00	10/03/25 11:49	1
beta-BHC	0.0022	U	0.0022	0.00081	mg/Kg	☼	10/02/25 18:00	10/03/25 11:49	1
Chlordane (technical)	0.073	U	0.073	0.018	mg/Kg	☼	10/02/25 18:00	10/03/25 11:49	1
cis-Chlordane	0.0073	U	0.0073	0.0011	mg/Kg	☼	10/02/25 18:00	10/03/25 11:49	1
delta-BHC	0.0022	U	0.0022	0.00044	mg/Kg	☼	10/02/25 18:00	10/03/25 11:49	1
Dieldrin	0.0022	U	0.0022	0.00094	mg/Kg	☼	10/02/25 18:00	10/03/25 11:49	1
Endosulfan I	0.0073	U	0.0073	0.0011	mg/Kg	☼	10/02/25 18:00	10/03/25 11:49	1
Endosulfan II	0.0073	U	0.0073	0.0019	mg/Kg	☼	10/02/25 18:00	10/03/25 11:49	1
Endosulfan sulfate	0.0073	U	0.0073	0.00091	mg/Kg	☼	10/02/25 18:00	10/03/25 11:49	1
Endrin	0.0073	U	0.0073	0.0010	mg/Kg	☼	10/02/25 18:00	10/03/25 11:49	1
Endrin aldehyde	0.0073	U	0.0073	0.0017	mg/Kg	☼	10/02/25 18:00	10/03/25 11:49	1
Endrin ketone	0.0073	U	0.0073	0.0014	mg/Kg	☼	10/02/25 18:00	10/03/25 11:49	1
gamma-BHC (Lindane)	0.0022	U	0.0022	0.00067	mg/Kg	☼	10/02/25 18:00	10/03/25 11:49	1
Heptachlor	0.0073	U	0.0073	0.00086	mg/Kg	☼	10/02/25 18:00	10/03/25 11:49	1
Heptachlor epoxide	0.0073	U	0.0073	0.0011	mg/Kg	☼	10/02/25 18:00	10/03/25 11:49	1

Client Sample ID: 8B_0-5
Date Collected: 10/01/25 08:40
Date Received: 10/01/25 16:15

Lab Sample ID: 460-336212-9
Matrix: Solid
Percent Solids: 92.3

Method: SW846 8081B - Organochlorine Pesticides (GC) (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Methoxychlor	0.0073	U	0.0073	0.0017	mg/Kg	☼	10/02/25 18:00	10/03/25 11:49	1
Toxaphene	0.073	U	0.073	0.026	mg/Kg	☼	10/02/25 18:00	10/03/25 11:49	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
DCB Decachlorobiphenyl	*96*		*10 - 150*	*10/02/25 18:00*	*10/03/25 11:49*	*1*
DCB Decachlorobiphenyl	*122*		*10 - 150*	*10/02/25 18:00*	*10/03/25 11:49*	*1*
Tetrachloro-m-xylene	*98*		*14 - 150*	*10/02/25 18:00*	*10/03/25 11:49*	*1*
Tetrachloro-m-xylene	*99*		*14 - 150*	*10/02/25 18:00*	*10/03/25 11:49*	*1*

Method: SW846 8082A - Polychlorinated Biphenyls (PCBs) by Gas Chromatography

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Aroclor 1016	0.073	U	0.073	0.019	mg/Kg	☼	10/02/25 17:41	10/03/25 17:51	1
Aroclor 1221	0.073	U	0.073	0.019	mg/Kg	☼	10/02/25 17:41	10/03/25 17:51	1
Aroclor 1232	0.073	U	0.073	0.019	mg/Kg	☼	10/02/25 17:41	10/03/25 17:51	1
Aroclor 1242	0.073	U	0.073	0.019	mg/Kg	☼	10/02/25 17:41	10/03/25 17:51	1
Aroclor 1248	0.073	U	0.073	0.019	mg/Kg	☼	10/02/25 17:41	10/03/25 17:51	1
Aroclor 1254	0.073	U	0.073	0.019	mg/Kg	☼	10/02/25 17:41	10/03/25 17:51	1
Aroclor 1260	0.073	U	0.073	0.019	mg/Kg	☼	10/02/25 17:41	10/03/25 17:51	1
Aroclor-1262	0.073	U	0.073	0.019	mg/Kg	☼	10/02/25 17:41	10/03/25 17:51	1
Aroclor 1268	0.073	U	0.073	0.019	mg/Kg	☼	10/02/25 17:41	10/03/25 17:51	1
Polychlorinated biphenyls, Total	0.073	U	0.073	0.019	mg/Kg	☼	10/02/25 17:41	10/03/25 17:51	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
DCB Decachlorobiphenyl	*150*		*10 - 150*	*10/02/25 17:41*	*10/03/25 17:51*	*1*
DCB Decachlorobiphenyl	*161*	*	*10 - 150*	*10/02/25 17:41*	*10/03/25 17:51*	*1*
Tetrachloro-m-xylene	*143*		*10 - 150*	*10/02/25 17:41*	*10/03/25 17:51*	*1*
Tetrachloro-m-xylene	*154*	*	*10 - 150*	*10/02/25 17:41*	*10/03/25 17:51*	*1*

Method: EPA 1633A - Per- and Polyfluoroalkyl Substances by LC/MS/MS, 1633A

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Perfluorobutanoic acid (PFBA)	0.38	U	0.38	0.095	ug/Kg	☼	10/07/25 14:14	10/08/25 01:14	1
Perfluoropentanoic acid (PFPeA)	0.19	U	0.19	0.095	ug/Kg	☼	10/07/25 14:14	10/08/25 01:14	1
Perfluorohexanoic acid (PFHxA)	0.19	U	0.19	0.095	ug/Kg	☼	10/07/25 14:14	10/08/25 01:14	1
Perfluoroheptanoic acid (PFHpA)	0.19	U	0.19	0.095	ug/Kg	☼	10/07/25 14:14	10/08/25 01:14	1
Perfluorooctanoic acid (PFOA)	**0.069**	**J**	0.19	0.057	ug/Kg	☼	10/07/25 14:14	10/08/25 01:14	1
Perfluorononanoic acid (PFNA)	**0.99**		0.19	0.095	ug/Kg	☼	10/07/25 14:14	10/08/25 01:14	1
Perfluorodecanoic acid (PFDA)	**0.12**	**J**	0.19	0.057	ug/Kg	☼	10/07/25 14:14	10/08/25 01:14	1
Perfluoroundecanoic acid (PFUnA)	**0.89**		0.19	0.095	ug/Kg	☼	10/07/25 14:14	10/08/25 01:14	1
Perfluorododecanoic acid (PFDoA)	**0.11**	**J**	0.19	0.095	ug/Kg	☼	10/07/25 14:14	10/08/25 01:14	1
Perfluorotridecanoic acid (PFTrDA)	**0.87**		0.19	0.095	ug/Kg	☼	10/07/25 14:14	10/08/25 01:14	1
Perfluorotetradecanoic acid (PFTeDA)	0.19	U	0.19	0.095	ug/Kg	☼	10/07/25 14:14	10/08/25 01:14	1
Perfluorobutanesulfonic acid (PFBS)	0.19	U	0.19	0.095	ug/Kg	☼	10/07/25 14:14	10/08/25 01:14	1
Perfluoropentanesulfonic acid (PFPeS)	0.19	U	0.19	0.095	ug/Kg	☼	10/07/25 14:14	10/08/25 01:14	1
Perfluorohexanesulfonic acid (PFHxS)	0.19	U	0.19	0.095	ug/Kg	☼	10/07/25 14:14	10/08/25 01:14	1
Perfluoroheptanesulfonic acid (PFHpS)	0.19	U	0.19	0.095	ug/Kg	☼	10/07/25 14:14	10/08/25 01:14	1
Perfluorooctanesulfonic acid (PFOS)	0.19	U	0.19	0.095	ug/Kg	☼	10/07/25 14:14	10/08/25 01:14	1
Perfluorononanesulfonic acid (PFNS)	0.19	U	0.19	0.095	ug/Kg	☼	10/07/25 14:14	10/08/25 01:14	1

Client Sample ID: 8B_0-5
Date Collected: 10/01/25 08:40
Date Received: 10/01/25 16:15

Lab Sample ID: 460-336212-9
Matrix: Solid
Percent Solids: 92.3

Method: EPA 1633A - Per- and Polyfluoroalkyl Substances by LC/MS/MS, 1633A (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Perfluorodecanesulfonic acid (PFDS)	0.19	U	0.19	0.095	ug/Kg	☼	10/07/25 14:14	10/08/25 01:14	1
Perfluorododecanesulfonic acid (PFDoS)	0.19	U	0.19	0.095	ug/Kg	☼	10/07/25 14:14	10/08/25 01:14	1
1H,1H,2H,2H-Perfluorohexane sulfonic acid (4:2 FTS)	0.38	U	0.38	0.19	ug/Kg	☼	10/07/25 14:14	10/08/25 01:14	1
1H,1H,2H,2H-Perfluorooctane sulfonic acid (6:2 FTS)	0.38	U	0.38	0.19	ug/Kg	☼	10/07/25 14:14	10/08/25 01:14	1
1H,1H,2H,2H-Perfluorodecane sulfonic acid (8:2 FTS)	0.38	U	0.38	0.19	ug/Kg	☼	10/07/25 14:14	10/08/25 01:14	1
Perfluorooctanesulfonamide (PFOSA)	0.19	U	0.19	0.095	ug/Kg	☼	10/07/25 14:14	10/08/25 01:14	1
N-methylperfluorooctane sulfonamide (NMeFOSA)	0.19	U	0.19	0.095	ug/Kg	☼	10/07/25 14:14	10/08/25 01:14	1
N-ethylperfluorooctane sulfonamide (NEtFOSA)	0.19	U	0.19	0.095	ug/Kg	☼	10/07/25 14:14	10/08/25 01:14	1
N-methylperfluorooctanesulfonamidoacetic acid (NMeFOSAA)	0.19	U	0.19	0.095	ug/Kg	☼	10/07/25 14:14	10/08/25 01:14	1
N-ethylperfluorooctanesulfonamidoacetic acid (NEtFOSAA)	0.19	U	0.19	0.095	ug/Kg	☼	10/07/25 14:14	10/08/25 01:14	1
N-methylperfluorooctane sulfonamidoethanol (NMeFOSE)	0.95	U	0.95	0.48	ug/Kg	☼	10/07/25 14:14	10/08/25 01:14	1
N-ethylperfluorooctane sulfonamidoethanol (NEtFOSE)	0.95	U	0.95	0.48	ug/Kg	☼	10/07/25 14:14	10/08/25 01:14	1
Hexafluoropropylene Oxide Dimer Acid (HFPO-DA)	0.19	U	0.19	0.095	ug/Kg	☼	10/07/25 14:14	10/08/25 01:14	1
4,8-Dioxa-3H-perfluorononanoic acid (ADONA)	0.19	U	0.19	0.095	ug/Kg	☼	10/07/25 14:14	10/08/25 01:14	1
Perfluoro-3-methoxypropanoic acid (PFMPA)	0.19	U	0.19	0.095	ug/Kg	☼	10/07/25 14:14	10/08/25 01:14	1
Perfluoro-4-methoxybutanoic acid (PFMBA)	0.19	U	0.19	0.095	ug/Kg	☼	10/07/25 14:14	10/08/25 01:14	1
Nonafluoro-3,6-dioxaheptanoic acid (NFDHA)	0.19	U	0.19	0.095	ug/Kg	☼	10/07/25 14:14	10/08/25 01:14	1
9-Chlorohexadecafluoro-3-oxanonane-1-sulfonic acid (9Cl-PF3ONS)	0.19	U	0.19	0.095	ug/Kg	☼	10/07/25 14:14	10/08/25 01:14	1
11-Chloroeicosafluoro-3-oxaundecane-1-sulfonic acid (11Cl-PF3OUdS)	0.19	U	0.19	0.095	ug/Kg	☼	10/07/25 14:14	10/08/25 01:14	1
Perfluoro (2-ethoxyethane) sulfonic acid (PFEESA)	0.19	U	0.19	0.095	ug/Kg	☼	10/07/25 14:14	10/08/25 01:14	1
3-Perfluoropropylpropanoic acid (3:3 FTCA)	0.38	U	0.38	0.19	ug/Kg	☼	10/07/25 14:14	10/08/25 01:14	1
3-Perfluoropentylpropanoic acid (5:3 FTCA)	0.95	U	0.95	0.48	ug/Kg	☼	10/07/25 14:14	10/08/25 01:14	1
3-Perfluoroheptylpropanoic acid (7:3 FTCA)	0.95	U	0.95	0.48	ug/Kg	☼	10/07/25 14:14	10/08/25 01:14	1

Isotope Dilution	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
13C4 PFBA	*106*		*8 - 130*	*10/07/25 14:14*	*10/08/25 01:14*	*1*
13C5 PFPeA	*115*		*35 - 130*	*10/07/25 14:14*	*10/08/25 01:14*	*1*
13C5 PFHxA	*96.9*		*40 - 130*	*10/07/25 14:14*	*10/08/25 01:14*	*1*
13C4 PFHpA	*105*		*40 - 130*	*10/07/25 14:14*	*10/08/25 01:14*	*1*
13C8 PFOA	*100*		*40 - 130*	*10/07/25 14:14*	*10/08/25 01:14*	*1*
13C9 PFNA	*97.9*		*40 - 130*	*10/07/25 14:14*	*10/08/25 01:14*	*1*
13C6 PFDA	*94.8*		*40 - 130*	*10/07/25 14:14*	*10/08/25 01:14*	*1*
13C7 PFUnA	*95.4*		*40 - 130*	*10/07/25 14:14*	*10/08/25 01:14*	*1*
13C2 PFTeDA	*73.0*		*20 - 130*	*10/07/25 14:14*	*10/08/25 01:14*	*1*

Client Sample ID: 8B_0-5

Date Collected: 10/01/25 08:40
Date Received: 10/01/25 16:15

Lab Sample ID: 460-336212-9

Matrix: Solid
Percent Solids: 92.3

Method: EPA 1633A - Per- and Polyfluoroalkyl Substances by LC/MS/MS, 1633A (Continued)

Isotope Dilution	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
13C3 PFBS	99.6		40 - 135	10/07/25 14:14	10/08/25 01:14	1
13C3 PFHxS	102		40 - 130	10/07/25 14:14	10/08/25 01:14	1
13C8 PFOS	96.9		40 - 130	10/07/25 14:14	10/08/25 01:14	1
13C8 FOSA	62.4		40 - 130	10/07/25 14:14	10/08/25 01:14	1
d3-NMeFOSAA	60.6		40 - 135	10/07/25 14:14	10/08/25 01:14	1
d5-NEtFOSAA	56.6		40 - 150	10/07/25 14:14	10/08/25 01:14	1
13C2 4:2 FTS	92.2		40 - 165	10/07/25 14:14	10/08/25 01:14	1
13C2 6:2 FTS	96.8		40 - 215	10/07/25 14:14	10/08/25 01:14	1
13C2 8:2 FTS	77.4		40 - 275	10/07/25 14:14	10/08/25 01:14	1
13C3 HFPO-DA	98.1		40 - 130	10/07/25 14:14	10/08/25 01:14	1
d7-N-MeFOSE-M	46.0		20 - 130	10/07/25 14:14	10/08/25 01:14	1
d9-N-EtFOSE-M	39.9		15 - 130	10/07/25 14:14	10/08/25 01:14	1
d5-NEtPFOSA	53.3		10 - 130	10/07/25 14:14	10/08/25 01:14	1
d3-NMePFOSA	56.5		10 - 130	10/07/25 14:14	10/08/25 01:14	1
13C2 PFDoA	85.8		40 - 130	10/07/25 14:14	10/08/25 01:14	1

Method: SW846 6020B - Metals (ICP/MS)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Aluminum	8150		20.1	5.5	mg/Kg	☼	10/07/25 06:40	10/07/25 17:33	1
Antimony	0.55	J	1.0	0.15	mg/Kg	☼	10/07/25 06:40	10/07/25 17:33	1
Arsenic	5.8		1.0	0.10	mg/Kg	☼	10/07/25 06:40	10/07/25 17:33	1
Barium	64.3		2.0	0.15	mg/Kg	☼	10/07/25 06:40	10/07/25 17:33	1
Beryllium	0.88		0.40	0.022	mg/Kg	☼	10/07/25 06:40	10/07/25 17:33	1
Cadmium	0.30	J	1.0	0.11	mg/Kg	☼	10/07/25 06:40	10/07/25 17:33	1
Calcium	6110		100	9.8	mg/Kg	☼	10/07/25 06:40	10/07/25 17:33	1
Chromium	23.5		2.0	0.30	mg/Kg	☼	10/07/25 06:40	10/07/25 17:33	1
Cobalt	9.9		1.0	0.15	mg/Kg	☼	10/07/25 06:40	10/07/25 17:33	1
Copper	82.6		2.0	0.37	mg/Kg	☼	10/07/25 06:40	10/07/25 17:33	1
Iron	21000		60.2	7.7	mg/Kg	☼	10/07/25 06:40	10/07/25 17:33	1
Lead	189		0.60	0.20	mg/Kg	☼	10/07/25 06:40	10/07/25 17:33	1
Magnesium	4440		100	10.2	mg/Kg	☼	10/07/25 06:40	10/07/25 17:33	1
Manganese	335		4.0	0.40	mg/Kg	☼	10/07/25 06:40	10/07/25 17:33	1
Nickel	45.0		2.0	0.18	mg/Kg	☼	10/07/25 06:40	10/07/25 17:33	1
Potassium	1290		100	16.3	mg/Kg	☼	10/07/25 06:40	10/07/25 17:33	1
Selenium	0.23	J	1.3	0.13	mg/Kg	☼	10/07/25 06:40	10/07/25 17:33	1
Silver	0.29	J	0.40	0.089	mg/Kg	☼	10/07/25 06:40	10/07/25 17:33	1
Sodium	120		100	45.8	mg/Kg	☼	10/07/25 06:40	10/07/25 17:33	1
Thallium	0.13	J	0.40	0.041	mg/Kg	☼	10/07/25 06:40	10/07/25 17:33	1
Vanadium	24.8		2.0	0.21	mg/Kg	☼	10/07/25 06:40	10/07/25 17:33	1
Zinc	215		8.0	1.1	mg/Kg	☼	10/07/25 06:40	10/07/25 17:33	1

Method: SW846 7471B - Mercury (CVAA)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	0.024		0.018	0.0084	mg/Kg	☼	10/09/25 01:39	10/09/25 09:11	1

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Percent Moisture (EPA Moisture)	7.7		1.0	1.0	%			10/06/25 16:57	1
Percent Solids (EPA Moisture)	92.3		1.0	1.0	%			10/06/25 16:57	1

Client: Haley & Aldrich, Inc.
Project/Site: Former Port Mobil

Job ID: 460-336212-1

Client Sample ID: 8B_5-10
Date Collected: 10/01/25 08:45
Date Received: 10/01/25 16:15

Lab Sample ID: 460-336212-10
Matrix: Solid
Percent Solids: 91.1

Method: SW846 8270E - Semivolatile Organic Compounds (GC/MS)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1'-Biphenyl	0.36	U	0.36	0.013	mg/Kg	☼	10/02/25 18:11	10/03/25 21:50	1
1,2,4,5-Tetrachlorobenzene	0.36	U	0.36	0.011	mg/Kg	☼	10/02/25 18:11	10/03/25 21:50	1
1,4-Dioxane	0.036	U	0.036	0.032	mg/Kg	☼	10/02/25 18:11	10/03/25 21:50	1
2,2'-oxybis[1-chloropropane]	0.36	U	0.36	0.022	mg/Kg	☼	10/02/25 18:11	10/03/25 21:50	1
2,3,4,6-Tetrachlorophenol	0.36	U	0.36	0.025	mg/Kg	☼	10/02/25 18:11	10/03/25 21:50	1
2,4,5-Trichlorophenol	0.36	U	0.36	0.037	mg/Kg	☼	10/02/25 18:11	10/03/25 21:50	1
2,4,6-Trichlorophenol	0.15	U	0.15	0.047	mg/Kg	☼	10/02/25 18:11	10/03/25 21:50	1
2,4-Dichlorophenol	0.15	U	0.15	0.023	mg/Kg	☼	10/02/25 18:11	10/03/25 21:50	1
2,4-Dimethylphenol	0.36	U	0.36	0.043	mg/Kg	☼	10/02/25 18:11	10/03/25 21:50	1
2,4-Dinitrophenol	0.29	U	0.29	0.18	mg/Kg	☼	10/02/25 18:11	10/03/25 21:50	1
2,4-Dinitrotoluene	0.074	U	0.074	0.039	mg/Kg	☼	10/02/25 18:11	10/03/25 21:50	1
2,6-Dinitrotoluene	0.074	U	0.074	0.026	mg/Kg	☼	10/02/25 18:11	10/03/25 21:50	1
2-Chloronaphthalene	0.36	U	0.36	0.047	mg/Kg	☼	10/02/25 18:11	10/03/25 21:50	1
2-Chlorophenol	0.36	U	0.36	0.013	mg/Kg	☼	10/02/25 18:11	10/03/25 21:50	1
2-Methylnaphthalene	0.36	U	0.36	0.010	mg/Kg	☼	10/02/25 18:11	10/03/25 21:50	1
2-Methylphenol	0.36	U	0.36	0.014	mg/Kg	☼	10/02/25 18:11	10/03/25 21:50	1
2-Nitroaniline	0.36	U	0.36	0.028	mg/Kg	☼	10/02/25 18:11	10/03/25 21:50	1
2-Nitrophenol	0.36	U	0.36	0.036	mg/Kg	☼	10/02/25 18:11	10/03/25 21:50	1
3 & 4 Methylphenol	0.36	U	0.36	0.023	mg/Kg	☼	10/02/25 18:11	10/03/25 21:50	1
3,3'-Dichlorobenzidine	0.15	U	0.15	0.055	mg/Kg	☼	10/02/25 18:11	10/03/25 21:50	1
3-Nitroaniline	0.36	U	0.36	0.086	mg/Kg	☼	10/02/25 18:11	10/03/25 21:50	1
4,6-Dinitro-2-methylphenol	0.29	U	0.29	0.15	mg/Kg	☼	10/02/25 18:11	10/03/25 21:50	1
4-Bromophenyl phenyl ether	0.36	U	0.36	0.014	mg/Kg	☼	10/02/25 18:11	10/03/25 21:50	1
4-Chloro-3-methylphenol	0.36	U	0.36	0.020	mg/Kg	☼	10/02/25 18:11	10/03/25 21:50	1
4-Chloroaniline	0.36	U	0.36	0.064	mg/Kg	☼	10/02/25 18:11	10/03/25 21:50	1
4-Chlorophenyl phenyl ether	0.36	U	0.36	0.013	mg/Kg	☼	10/02/25 18:11	10/03/25 21:50	1
4-Methylphenol	0.36	U	0.36	0.023	mg/Kg	☼	10/02/25 18:11	10/03/25 21:50	1
4-Nitroaniline	0.36	U	0.36	0.092	mg/Kg	☼	10/02/25 18:11	10/03/25 21:50	1
4-Nitrophenol	0.74	U	0.74	0.059	mg/Kg	☼	10/02/25 18:11	10/03/25 21:50	1
Acenaphthene	0.36	U	0.36	0.010	mg/Kg	☼	10/02/25 18:11	10/03/25 21:50	1
Acenaphthylene	0.36	U	0.36	0.010	mg/Kg	☼	10/02/25 18:11	10/03/25 21:50	1
Acetophenone	0.36	U	0.36	0.018	mg/Kg	☼	10/02/25 18:11	10/03/25 21:50	1
Anthracene	0.36	U	0.36	0.011	mg/Kg	☼	10/02/25 18:11	10/03/25 21:50	1
Atrazine	0.15	U	0.15	0.021	mg/Kg	☼	10/02/25 18:11	10/03/25 21:50	1
Benzaldehyde	0.36	U	0.36	0.060	mg/Kg	☼	10/02/25 18:11	10/03/25 21:50	1
Benzo[a]anthracene	0.036	U	0.036	0.027	mg/Kg	☼	10/02/25 18:11	10/03/25 21:50	1
Benzo[a]pyrene	0.036	U	0.036	0.0097	mg/Kg	☼	10/02/25 18:11	10/03/25 21:50	1
Benzo[b]fluoranthene	0.036	U	0.036	0.0094	mg/Kg	☼	10/02/25 18:11	10/03/25 21:50	1
Benzo[g,h,i]perylene	0.36	U	0.36	0.011	mg/Kg	☼	10/02/25 18:11	10/03/25 21:50	1
Benzo[k]fluoranthene	0.036	U	0.036	0.0071	mg/Kg	☼	10/02/25 18:11	10/03/25 21:50	1
Bis(2-chloroethoxy)methane	0.36	U	0.36	0.067	mg/Kg	☼	10/02/25 18:11	10/03/25 21:50	1
Bis(2-chloroethyl)ether	0.036	U	0.036	0.013	mg/Kg	☼	10/02/25 18:11	10/03/25 21:50	1
Bis(2-ethylhexyl) phthalate	0.36	U	0.36	0.019	mg/Kg	☼	10/02/25 18:11	10/03/25 21:50	1
Butyl benzyl phthalate	0.36	U	0.36	0.017	mg/Kg	☼	10/02/25 18:11	10/03/25 21:50	1
Caprolactam	0.36	U	0.36	0.056	mg/Kg	☼	10/02/25 18:11	10/03/25 21:50	1
Carbazole	0.36	U	0.36	0.014	mg/Kg	☼	10/02/25 18:11	10/03/25 21:50	1
Chrysene	0.36	U	0.36	0.015	mg/Kg	☼	10/02/25 18:11	10/03/25 21:50	1
Dibenz(a,h)anthracene	0.036	U	0.036	0.016	mg/Kg	☼	10/02/25 18:11	10/03/25 21:50	1
Dibenzofuran	0.36	U	0.36	0.012	mg/Kg	☼	10/02/25 18:11	10/03/25 21:50	1

Client Sample ID: 8B_5-10
Date Collected: 10/01/25 08:45
Date Received: 10/01/25 16:15

Lab Sample ID: 460-336212-10
Matrix: Solid
Percent Solids: 91.1

Method: SW846 8270E - Semivolatile Organic Compounds (GC/MS) (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Diethyl phthalate	0.36	U	0.36	0.012	mg/Kg	☼	10/02/25 18:11	10/03/25 21:50	1
Dimethyl phthalate	0.36	U	0.36	0.082	mg/Kg	☼	10/02/25 18:11	10/03/25 21:50	1
Di-n-butyl phthalate	0.36	U	0.36	0.014	mg/Kg	☼	10/02/25 18:11	10/03/25 21:50	1
Di-n-octyl phthalate	0.36	U	0.36	0.019	mg/Kg	☼	10/02/25 18:11	10/03/25 21:50	1
Fluoranthene	0.36	U	0.36	0.013	mg/Kg	☼	10/02/25 18:11	10/03/25 21:50	1
Fluorene	0.36	U	0.36	0.011	mg/Kg	☼	10/02/25 18:11	10/03/25 21:50	1
Hexachlorobenzene	0.036	U	0.036	0.017	mg/Kg	☼	10/02/25 18:11	10/03/25 21:50	1
Hexachlorobutadiene	0.074	U	0.074	0.0077	mg/Kg	☼	10/02/25 18:11	10/03/25 21:50	1
Hexachlorocyclopentadiene	0.36	U	0.36	0.032	mg/Kg	☼	10/02/25 18:11	10/03/25 21:50	1
Hexachloroethane	0.036	U	0.036	0.012	mg/Kg	☼	10/02/25 18:11	10/03/25 21:50	1
Indeno[1,2,3-cd]pyrene	0.036	U	0.036	0.014	mg/Kg	☼	10/02/25 18:11	10/03/25 21:50	1
Isophorone	0.15	U	0.15	0.10	mg/Kg	☼	10/02/25 18:11	10/03/25 21:50	1
Naphthalene	0.36	U	0.36	0.0063	mg/Kg	☼	10/02/25 18:11	10/03/25 21:50	1
Nitrobenzene	0.036	U	0.036	0.020	mg/Kg	☼	10/02/25 18:11	10/03/25 21:50	1
N-Nitrosodi-n-propylamine	0.036	U	0.036	0.026	mg/Kg	☼	10/02/25 18:11	10/03/25 21:50	1
N-Nitrosodiphenylamine	0.36	U	0.36	0.030	mg/Kg	☼	10/02/25 18:11	10/03/25 21:50	1
Pentachlorophenol	0.29	U	0.29	0.074	mg/Kg	☼	10/02/25 18:11	10/03/25 21:50	1
Phenanthrene	0.36	U	0.36	0.015	mg/Kg	☼	10/02/25 18:11	10/03/25 21:50	1
Phenol	0.36	U	0.36	0.013	mg/Kg	☼	10/02/25 18:11	10/03/25 21:50	1
Pyrene	0.36	U	0.36	0.0090	mg/Kg	☼	10/02/25 18:11	10/03/25 21:50	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
2,4,6-Tribromophenol (Surr)	*60*		*18 - 137*	*10/02/25 18:11*	*10/03/25 21:50*	*1*
2-Fluorobiphenyl	*63*		*33 - 117*	*10/02/25 18:11*	*10/03/25 21:50*	*1*
2-Fluorophenol (Surr)	*64*		*24 - 120*	*10/02/25 18:11*	*10/03/25 21:50*	*1*
Nitrobenzene-d5 (Surr)	*65*		*27 - 120*	*10/02/25 18:11*	*10/03/25 21:50*	*1*
Phenol-d5 (Surr)	*65*		*28 - 118*	*10/02/25 18:11*	*10/03/25 21:50*	*1*
Terphenyl-d14 (Surr)	*72*		*33 - 124*	*10/02/25 18:11*	*10/03/25 21:50*	*1*

Method: SW846 8081B - Organochlorine Pesticides (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
4,4'-DDD	0.0074	U	0.0074	0.0013	mg/Kg	☼	10/02/25 18:00	10/03/25 12:02	1
4,4'-DDE	0.0074	U	0.0074	0.00087	mg/Kg	☼	10/02/25 18:00	10/03/25 12:02	1
4,4'-DDT	0.0074	U	0.0074	0.0013	mg/Kg	☼	10/02/25 18:00	10/03/25 12:02	1
Aldrin	0.0074	U	0.0074	0.0011	mg/Kg	☼	10/02/25 18:00	10/03/25 12:02	1
alpha-BHC	0.0022	U	0.0022	0.00075	mg/Kg	☼	10/02/25 18:00	10/03/25 12:02	1
beta-BHC	0.0022	U	0.0022	0.00082	mg/Kg	☼	10/02/25 18:00	10/03/25 12:02	1
Chlordane (technical)	0.074	U	0.074	0.018	mg/Kg	☼	10/02/25 18:00	10/03/25 12:02	1
cis-Chlordane	0.0074	U	0.0074	0.0012	mg/Kg	☼	10/02/25 18:00	10/03/25 12:02	1
delta-BHC	0.0022	U	0.0022	0.00045	mg/Kg	☼	10/02/25 18:00	10/03/25 12:02	1
Dieldrin	0.0022	U	0.0022	0.00095	mg/Kg	☼	10/02/25 18:00	10/03/25 12:02	1
Endosulfan I	0.0074	U	0.0074	0.0011	mg/Kg	☼	10/02/25 18:00	10/03/25 12:02	1
Endosulfan II	0.0074	U	0.0074	0.0019	mg/Kg	☼	10/02/25 18:00	10/03/25 12:02	1
Endosulfan sulfate	0.0074	U	0.0074	0.00092	mg/Kg	☼	10/02/25 18:00	10/03/25 12:02	1
Endrin	0.0074	U	0.0074	0.0011	mg/Kg	☼	10/02/25 18:00	10/03/25 12:02	1
Endrin aldehyde	0.0074	U	0.0074	0.0017	mg/Kg	☼	10/02/25 18:00	10/03/25 12:02	1
Endrin ketone	0.0074	U	0.0074	0.0014	mg/Kg	☼	10/02/25 18:00	10/03/25 12:02	1
gamma-BHC (Lindane)	0.0022	U	0.0022	0.00068	mg/Kg	☼	10/02/25 18:00	10/03/25 12:02	1
Heptachlor	0.0074	U	0.0074	0.00087	mg/Kg	☼	10/02/25 18:00	10/03/25 12:02	1
Heptachlor epoxide	0.0074	U	0.0074	0.0011	mg/Kg	☼	10/02/25 18:00	10/03/25 12:02	1

Client Sample ID: 8B_5-10
Date Collected: 10/01/25 08:45
Date Received: 10/01/25 16:15

Lab Sample ID: 460-336212-10
Matrix: Solid
Percent Solids: 91.1

Method: SW846 8081B - Organochlorine Pesticides (GC) (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Methoxychlor	0.0074	U	0.0074	0.0017	mg/Kg	☼	10/02/25 18:00	10/03/25 12:02	1
Toxaphene	0.074	U	0.074	0.027	mg/Kg	☼	10/02/25 18:00	10/03/25 12:02	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
DCB Decachlorobiphenyl	*85*		*10 - 150*	*10/02/25 18:00*	*10/03/25 12:02*	*1*
DCB Decachlorobiphenyl	*108*		*10 - 150*	*10/02/25 18:00*	*10/03/25 12:02*	*1*
Tetrachloro-m-xylene	*89*		*14 - 150*	*10/02/25 18:00*	*10/03/25 12:02*	*1*
Tetrachloro-m-xylene	*89*		*14 - 150*	*10/02/25 18:00*	*10/03/25 12:02*	*1*

Method: SW846 8082A - Polychlorinated Biphenyls (PCBs) by Gas Chromatography

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Aroclor 1016	0.074	U	0.074	0.020	mg/Kg	☼	10/02/25 17:41	10/03/25 18:07	1
Aroclor 1221	0.074	U	0.074	0.020	mg/Kg	☼	10/02/25 17:41	10/03/25 18:07	1
Aroclor 1232	0.074	U	0.074	0.020	mg/Kg	☼	10/02/25 17:41	10/03/25 18:07	1
Aroclor 1242	0.074	U	0.074	0.020	mg/Kg	☼	10/02/25 17:41	10/03/25 18:07	1
Aroclor 1248	0.074	U	0.074	0.020	mg/Kg	☼	10/02/25 17:41	10/03/25 18:07	1
Aroclor 1254	0.074	U	0.074	0.020	mg/Kg	☼	10/02/25 17:41	10/03/25 18:07	1
Aroclor 1260	0.074	U	0.074	0.020	mg/Kg	☼	10/02/25 17:41	10/03/25 18:07	1
Aroclor-1262	0.074	U	0.074	0.020	mg/Kg	☼	10/02/25 17:41	10/03/25 18:07	1
Aroclor 1268	0.074	U	0.074	0.020	mg/Kg	☼	10/02/25 17:41	10/03/25 18:07	1
Polychlorinated biphenyls, Total	0.074	U	0.074	0.020	mg/Kg	☼	10/02/25 17:41	10/03/25 18:07	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
DCB Decachlorobiphenyl	*124*		*10 - 150*	*10/02/25 17:41*	*10/03/25 18:07*	*1*
DCB Decachlorobiphenyl	*131*		*10 - 150*	*10/02/25 17:41*	*10/03/25 18:07*	*1*
Tetrachloro-m-xylene	*122*		*10 - 150*	*10/02/25 17:41*	*10/03/25 18:07*	*1*
Tetrachloro-m-xylene	*130*		*10 - 150*	*10/02/25 17:41*	*10/03/25 18:07*	*1*

Method: EPA 1633A - Per- and Polyfluoroalkyl Substances by LC/MS/MS, 1633A

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Perfluorobutanoic acid (PFBA)	0.37	U	0.37	0.091	ug/Kg	☼	10/07/25 14:14	10/08/25 01:27	1
Perfluoropentanoic acid (PFPeA)	0.18	U	0.18	0.091	ug/Kg	☼	10/07/25 14:14	10/08/25 01:27	1
Perfluorohexanoic acid (PFHxA)	0.18	U	0.18	0.091	ug/Kg	☼	10/07/25 14:14	10/08/25 01:27	1
Perfluoroheptanoic acid (PFHpA)	0.18	U	0.18	0.091	ug/Kg	☼	10/07/25 14:14	10/08/25 01:27	1
Perfluorooctanoic acid (PFOA)	**0.056**	**J**	0.18	0.055	ug/Kg	☼	10/07/25 14:14	10/08/25 01:27	1
Perfluorononanoic acid (PFNA)	0.18	U	0.18	0.091	ug/Kg	☼	10/07/25 14:14	10/08/25 01:27	1
Perfluorodecanoic acid (PFDA)	**0.077**	**J**	0.18	0.055	ug/Kg	☼	10/07/25 14:14	10/08/25 01:27	1
Perfluoroundecanoic acid (PFUnA)	**0.82**		0.18	0.091	ug/Kg	☼	10/07/25 14:14	10/08/25 01:27	1
Perfluorododecanoic acid (PFDoA)	**0.14**	**J**	0.18	0.091	ug/Kg	☼	10/07/25 14:14	10/08/25 01:27	1
Perfluorotridecanoic acid (PFTrDA)	**0.54**		0.18	0.091	ug/Kg	☼	10/07/25 14:14	10/08/25 01:27	1
Perfluorotetradecanoic acid (PFTeDA)	0.18	U	0.18	0.091	ug/Kg	☼	10/07/25 14:14	10/08/25 01:27	1
Perfluorobutanesulfonic acid (PFBS)	0.18	U	0.18	0.091	ug/Kg	☼	10/07/25 14:14	10/08/25 01:27	1
Perfluoropentanesulfonic acid (PFPeS)	0.18	U	0.18	0.091	ug/Kg	☼	10/07/25 14:14	10/08/25 01:27	1
Perfluorohexanesulfonic acid (PFHxS)	0.18	U	0.18	0.091	ug/Kg	☼	10/07/25 14:14	10/08/25 01:27	1
Perfluoroheptanesulfonic acid (PFHpS)	0.18	U	0.18	0.091	ug/Kg	☼	10/07/25 14:14	10/08/25 01:27	1
Perfluorooctanesulfonic acid (PFOS)	0.18	U	0.18	0.091	ug/Kg	☼	10/07/25 14:14	10/08/25 01:27	1
Perfluorononanesulfonic acid (PFNS)	0.18	U	0.18	0.091	ug/Kg	☼	10/07/25 14:14	10/08/25 01:27	1

Client Sample ID: 8B_5-10
Date Collected: 10/01/25 08:45
Date Received: 10/01/25 16:15

Lab Sample ID: 460-336212-10
Matrix: Solid
Percent Solids: 91.1

Method: EPA 1633A - Per- and Polyfluoroalkyl Substances by LC/MS/MS, 1633A (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Perfluorodecanesulfonic acid (PFDS)	0.18	U	0.18	0.091	ug/Kg	☼	10/07/25 14:14	10/08/25 01:27	1
Perfluorododecanesulfonic acid (PFDoS)	0.18	U	0.18	0.091	ug/Kg	☼	10/07/25 14:14	10/08/25 01:27	1
1H,1H,2H,2H-Perfluorohexane sulfonic acid (4:2 FTS)	0.37	U	0.37	0.18	ug/Kg	☼	10/07/25 14:14	10/08/25 01:27	1
1H,1H,2H,2H-Perfluorooctane sulfonic acid (6:2 FTS)	0.37	U	0.37	0.18	ug/Kg	☼	10/07/25 14:14	10/08/25 01:27	1
1H,1H,2H,2H-Perfluorodecane sulfonic acid (8:2 FTS)	0.37	U	0.37	0.18	ug/Kg	☼	10/07/25 14:14	10/08/25 01:27	1
Perfluorooctanesulfonamide (PFOSA)	0.18	U	0.18	0.091	ug/Kg	☼	10/07/25 14:14	10/08/25 01:27	1
N-methylperfluorooctane sulfonamide (NMeFOSA)	0.18	U	0.18	0.091	ug/Kg	☼	10/07/25 14:14	10/08/25 01:27	1
N-ethylperfluorooctane sulfonamide (NEtFOSA)	0.18	U	0.18	0.091	ug/Kg	☼	10/07/25 14:14	10/08/25 01:27	1
N-methylperfluorooctanesulfonamidoacetic acid (NMeFOSAA)	0.18	U	0.18	0.091	ug/Kg	☼	10/07/25 14:14	10/08/25 01:27	1
N-ethylperfluorooctanesulfonamidoacetic acid (NEtFOSAA)	0.18	U	0.18	0.091	ug/Kg	☼	10/07/25 14:14	10/08/25 01:27	1
N-methylperfluorooctane sulfonamidoethanol (NMeFOSE)	0.91	U	0.91	0.46	ug/Kg	☼	10/07/25 14:14	10/08/25 01:27	1
N-ethylperfluorooctane sulfonamidoethanol (NEtFOSE)	0.91	U	0.91	0.46	ug/Kg	☼	10/07/25 14:14	10/08/25 01:27	1
Hexafluoropropylene Oxide Dimer Acid (HFPO-DA)	0.18	U	0.18	0.091	ug/Kg	☼	10/07/25 14:14	10/08/25 01:27	1
4,8-Dioxa-3H-perfluorononanoic acid (ADONA)	0.18	U	0.18	0.091	ug/Kg	☼	10/07/25 14:14	10/08/25 01:27	1
Perfluoro-3-methoxypropanoic acid (PFMPA)	0.18	U	0.18	0.091	ug/Kg	☼	10/07/25 14:14	10/08/25 01:27	1
Perfluoro-4-methoxybutanoic acid (PFMBA)	0.18	U	0.18	0.091	ug/Kg	☼	10/07/25 14:14	10/08/25 01:27	1
Nonafluoro-3,6-dioxaheptanoic acid (NFDHA)	0.18	U	0.18	0.091	ug/Kg	☼	10/07/25 14:14	10/08/25 01:27	1
9-Chlorohexadecafluoro-3-oxanonane-1-sulfonic acid (9Cl-PF3ONS)	0.18	U	0.18	0.091	ug/Kg	☼	10/07/25 14:14	10/08/25 01:27	1
11-Chloroeicosafluoro-3-oxaundecane-1-sulfonic acid (11Cl-PF3OUdS)	0.18	U	0.18	0.091	ug/Kg	☼	10/07/25 14:14	10/08/25 01:27	1
Perfluoro (2-ethoxyethane) sulfonic acid (PFEESA)	0.18	U	0.18	0.091	ug/Kg	☼	10/07/25 14:14	10/08/25 01:27	1
3-Perfluoropropylpropanoic acid (3:3 FTCA)	0.37	U	0.37	0.18	ug/Kg	☼	10/07/25 14:14	10/08/25 01:27	1
3-Perfluoropentylpropanoic acid (5:3 FTCA)	0.91	U	0.91	0.46	ug/Kg	☼	10/07/25 14:14	10/08/25 01:27	1
3-Perfluoroheptylpropanoic acid (7:3 FTCA)	0.91	U	0.91	0.46	ug/Kg	☼	10/07/25 14:14	10/08/25 01:27	1

Isotope Dilution	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
13C4 PFBA	*92.4*		*8 - 130*	*10/07/25 14:14*	*10/08/25 01:27*	*1*
13C5 PFPeA	*104*		*35 - 130*	*10/07/25 14:14*	*10/08/25 01:27*	*1*
13C5 PFHxA	*88.4*		*40 - 130*	*10/07/25 14:14*	*10/08/25 01:27*	*1*
13C4 PFHpA	*95.8*		*40 - 130*	*10/07/25 14:14*	*10/08/25 01:27*	*1*
13C8 PFOA	*89.0*		*40 - 130*	*10/07/25 14:14*	*10/08/25 01:27*	*1*
13C9 PFNA	*89.5*		*40 - 130*	*10/07/25 14:14*	*10/08/25 01:27*	*1*
13C6 PFDA	*94.6*		*40 - 130*	*10/07/25 14:14*	*10/08/25 01:27*	*1*
13C7 PFUnA	*86.5*		*40 - 130*	*10/07/25 14:14*	*10/08/25 01:27*	*1*
13C2 PFTeDA	*77.2*		*20 - 130*	*10/07/25 14:14*	*10/08/25 01:27*	*1*

Client Sample ID: 8B_5-10
Date Collected: 10/01/25 08:45
Date Received: 10/01/25 16:15

Lab Sample ID: 460-336212-10
Matrix: Solid
Percent Solids: 91.1

Method: EPA 1633A - Per- and Polyfluoroalkyl Substances by LC/MS/MS, 1633A (Continued)

Isotope Dilution	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
13C3 PFBS	92.9		40 - 135	10/07/25 14:14	10/08/25 01:27	1
13C3 PFHxS	88.5		40 - 130	10/07/25 14:14	10/08/25 01:27	1
13C8 PFOS	90.7		40 - 130	10/07/25 14:14	10/08/25 01:27	1
13C8 FOSA	52.2		40 - 130	10/07/25 14:14	10/08/25 01:27	1
d3-NMeFOSAA	52.6		40 - 135	10/07/25 14:14	10/08/25 01:27	1
d5-NEtFOSAA	49.9		40 - 150	10/07/25 14:14	10/08/25 01:27	1
13C2 4:2 FTS	79.0		40 - 165	10/07/25 14:14	10/08/25 01:27	1
13C2 6:2 FTS	85.9		40 - 215	10/07/25 14:14	10/08/25 01:27	1
13C2 8:2 FTS	72.7		40 - 275	10/07/25 14:14	10/08/25 01:27	1
13C3 HFPO-DA	87.0		40 - 130	10/07/25 14:14	10/08/25 01:27	1
d7-N-MeFOSE-M	47.4		20 - 130	10/07/25 14:14	10/08/25 01:27	1
d9-N-EtFOSE-M	42.7		15 - 130	10/07/25 14:14	10/08/25 01:27	1
d5-NEtPFOSA	47.7		10 - 130	10/07/25 14:14	10/08/25 01:27	1
d3-NMePFOSA	48.0		10 - 130	10/07/25 14:14	10/08/25 01:27	1
13C2 PFDoA	87.3		40 - 130	10/07/25 14:14	10/08/25 01:27	1

Method: SW846 6020B - Metals (ICP/MS)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Aluminum	8920		19.6	5.4	mg/Kg	☼	10/07/25 06:40	10/07/25 17:36	1
Antimony	0.23	J	0.98	0.14	mg/Kg	☼	10/07/25 06:40	10/07/25 17:36	1
Arsenic	4.7		0.98	0.10	mg/Kg	☼	10/07/25 06:40	10/07/25 17:36	1
Barium	78.3		2.0	0.14	mg/Kg	☼	10/07/25 06:40	10/07/25 17:36	1
Beryllium	0.61		0.39	0.022	mg/Kg	☼	10/07/25 06:40	10/07/25 17:36	1
Cadmium	0.98	U	0.98	0.11	mg/Kg	☼	10/07/25 06:40	10/07/25 17:36	1
Calcium	1520		98.0	9.5	mg/Kg	☼	10/07/25 06:40	10/07/25 17:36	1
Chromium	19.6		2.0	0.29	mg/Kg	☼	10/07/25 06:40	10/07/25 17:36	1
Cobalt	8.4		0.98	0.14	mg/Kg	☼	10/07/25 06:40	10/07/25 17:36	1
Copper	23.8		2.0	0.36	mg/Kg	☼	10/07/25 06:40	10/07/25 17:36	1
Iron	20700		58.8	7.5	mg/Kg	☼	10/07/25 06:40	10/07/25 17:36	1
Lead	17.7		0.59	0.20	mg/Kg	☼	10/07/25 06:40	10/07/25 17:36	1
Magnesium	3760		98.0	10	mg/Kg	☼	10/07/25 06:40	10/07/25 17:36	1
Manganese	497		3.9	0.39	mg/Kg	☼	10/07/25 06:40	10/07/25 17:36	1
Nickel	17.8		2.0	0.17	mg/Kg	☼	10/07/25 06:40	10/07/25 17:36	1
Potassium	1490		98.0	15.9	mg/Kg	☼	10/07/25 06:40	10/07/25 17:36	1
Selenium	1.2	U	1.2	0.13	mg/Kg	☼	10/07/25 06:40	10/07/25 17:36	1
Silver	0.39	U	0.39	0.087	mg/Kg	☼	10/07/25 06:40	10/07/25 17:36	1
Sodium	99.3		98.0	44.8	mg/Kg	☼	10/07/25 06:40	10/07/25 17:36	1
Thallium	0.14	J	0.39	0.040	mg/Kg	☼	10/07/25 06:40	10/07/25 17:36	1
Vanadium	25.9		2.0	0.20	mg/Kg	☼	10/07/25 06:40	10/07/25 17:36	1
Zinc	47.9		7.8	1.1	mg/Kg	☼	10/07/25 06:40	10/07/25 17:36	1

Method: SW846 7471B - Mercury (CVAA)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	0.013	J	0.019	0.0088	mg/Kg	☼	10/09/25 01:39	10/09/25 09:14	1

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Percent Moisture (EPA Moisture)	8.9		1.0	1.0	%			10/06/25 16:57	1
Percent Solids (EPA Moisture)	91.1		1.0	1.0	%			10/06/25 16:57	1

Client: Haley & Aldrich, Inc.
Project/Site: Former Port Mobil

Job ID: 460-336212-1

Client Sample ID: 6A_0-6
Date Collected: 10/01/25 11:45
Date Received: 10/01/25 16:15

Lab Sample ID: 460-336212-11
Matrix: Solid
Percent Solids: 91.6

Method: SW846 8270E - Semivolatile Organic Compounds (GC/MS)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1'-Biphenyl	0.36	U	0.36	0.013	mg/Kg	☼	10/02/25 18:11	10/03/25 22:12	1
1,2,4,5-Tetrachlorobenzene	0.36	U	0.36	0.011	mg/Kg	☼	10/02/25 18:11	10/03/25 22:12	1
1,4-Dioxane	0.036	U	0.036	0.032	mg/Kg	☼	10/02/25 18:11	10/03/25 22:12	1
2,2'-oxybis[1-chloropropane]	0.36	U	0.36	0.022	mg/Kg	☼	10/02/25 18:11	10/03/25 22:12	1
2,3,4,6-Tetrachlorophenol	0.36	U	0.36	0.024	mg/Kg	☼	10/02/25 18:11	10/03/25 22:12	1
2,4,5-Trichlorophenol	0.36	U	0.36	0.037	mg/Kg	☼	10/02/25 18:11	10/03/25 22:12	1
2,4,6-Trichlorophenol	0.15	U	0.15	0.046	mg/Kg	☼	10/02/25 18:11	10/03/25 22:12	1
2,4-Dichlorophenol	0.15	U	0.15	0.023	mg/Kg	☼	10/02/25 18:11	10/03/25 22:12	1
2,4-Dimethylphenol	0.36	U	0.36	0.043	mg/Kg	☼	10/02/25 18:11	10/03/25 22:12	1
2,4-Dinitrophenol	0.29	U	0.29	0.18	mg/Kg	☼	10/02/25 18:11	10/03/25 22:12	1
2,4-Dinitrotoluene	0.073	U	0.073	0.039	mg/Kg	☼	10/02/25 18:11	10/03/25 22:12	1
2,6-Dinitrotoluene	0.073	U	0.073	0.026	mg/Kg	☼	10/02/25 18:11	10/03/25 22:12	1
2-Chloronaphthalene	0.36	U	0.36	0.046	mg/Kg	☼	10/02/25 18:11	10/03/25 22:12	1
2-Chlorophenol	0.36	U	0.36	0.013	mg/Kg	☼	10/02/25 18:11	10/03/25 22:12	1
2-Methylnaphthalene	0.36	U	0.36	0.010	mg/Kg	☼	10/02/25 18:11	10/03/25 22:12	1
2-Methylphenol	0.36	U	0.36	0.013	mg/Kg	☼	10/02/25 18:11	10/03/25 22:12	1
2-Nitroaniline	0.36	U	0.36	0.028	mg/Kg	☼	10/02/25 18:11	10/03/25 22:12	1
2-Nitrophenol	0.36	U	0.36	0.036	mg/Kg	☼	10/02/25 18:11	10/03/25 22:12	1
3 & 4 Methylphenol	0.36	U	0.36	0.023	mg/Kg	☼	10/02/25 18:11	10/03/25 22:12	1
3,3'-Dichlorobenzidine	0.15	U	0.15	0.055	mg/Kg	☼	10/02/25 18:11	10/03/25 22:12	1
3-Nitroaniline	0.36	U	0.36	0.086	mg/Kg	☼	10/02/25 18:11	10/03/25 22:12	1
4,6-Dinitro-2-methylphenol	0.29	U	0.29	0.15	mg/Kg	☼	10/02/25 18:11	10/03/25 22:12	1
4-Bromophenyl phenyl ether	0.36	U	0.36	0.014	mg/Kg	☼	10/02/25 18:11	10/03/25 22:12	1
4-Chloro-3-methylphenol	0.36	U	0.36	0.020	mg/Kg	☼	10/02/25 18:11	10/03/25 22:12	1
4-Chloroaniline	0.36	U	0.36	0.064	mg/Kg	☼	10/02/25 18:11	10/03/25 22:12	1
4-Chlorophenyl phenyl ether	0.36	U	0.36	0.013	mg/Kg	☼	10/02/25 18:11	10/03/25 22:12	1
4-Methylphenol	0.36	U	0.36	0.023	mg/Kg	☼	10/02/25 18:11	10/03/25 22:12	1
4-Nitroaniline	0.36	U	0.36	0.092	mg/Kg	☼	10/02/25 18:11	10/03/25 22:12	1
4-Nitrophenol	0.73	U	0.73	0.059	mg/Kg	☼	10/02/25 18:11	10/03/25 22:12	1
Acenaphthene	0.36	U	0.36	0.010	mg/Kg	☼	10/02/25 18:11	10/03/25 22:12	1
Acenaphthylene	0.36	U	0.36	0.010	mg/Kg	☼	10/02/25 18:11	10/03/25 22:12	1
Acetophenone	0.36	U	0.36	0.018	mg/Kg	☼	10/02/25 18:11	10/03/25 22:12	1
Anthracene	0.36	U	0.36	0.011	mg/Kg	☼	10/02/25 18:11	10/03/25 22:12	1
Atrazine	0.15	U	0.15	0.021	mg/Kg	☼	10/02/25 18:11	10/03/25 22:12	1
Benzaldehyde	0.36	U	0.36	0.060	mg/Kg	☼	10/02/25 18:11	10/03/25 22:12	1
Benzo[a]anthracene	0.036	U	0.036	0.027	mg/Kg	☼	10/02/25 18:11	10/03/25 22:12	1
Benzo[a]pyrene	0.036	U	0.036	0.0096	mg/Kg	☼	10/02/25 18:11	10/03/25 22:12	1
Benzo[b]fluoranthene	0.036	U	0.036	0.0093	mg/Kg	☼	10/02/25 18:11	10/03/25 22:12	1
Benzo[g,h,i]perylene	0.36	U	0.36	0.011	mg/Kg	☼	10/02/25 18:11	10/03/25 22:12	1
Benzo[k]fluoranthene	0.036	U	0.036	0.0071	mg/Kg	☼	10/02/25 18:11	10/03/25 22:12	1
Bis(2-chloroethoxy)methane	0.36	U	0.36	0.067	mg/Kg	☼	10/02/25 18:11	10/03/25 22:12	1
Bis(2-chloroethyl)ether	0.036	U	0.036	0.013	mg/Kg	☼	10/02/25 18:11	10/03/25 22:12	1
Bis(2-ethylhexyl) phthalate	0.36	U	0.36	0.019	mg/Kg	☼	10/02/25 18:11	10/03/25 22:12	1
Butyl benzyl phthalate	0.36	U	0.36	0.017	mg/Kg	☼	10/02/25 18:11	10/03/25 22:12	1
Caprolactam	0.36	U	0.36	0.056	mg/Kg	☼	10/02/25 18:11	10/03/25 22:12	1
Carbazole	0.36	U	0.36	0.014	mg/Kg	☼	10/02/25 18:11	10/03/25 22:12	1
Chrysene	0.36	U	0.36	0.015	mg/Kg	☼	10/02/25 18:11	10/03/25 22:12	1
Dibenz(a,h)anthracene	0.036	U	0.036	0.016	mg/Kg	☼	10/02/25 18:11	10/03/25 22:12	1
Dibenzofuran	0.36	U	0.36	0.012	mg/Kg	☼	10/02/25 18:11	10/03/25 22:12	1

Client Sample ID: 6A_0-6
Date Collected: 10/01/25 11:45
Date Received: 10/01/25 16:15

Lab Sample ID: 460-336212-11
Matrix: Solid
Percent Solids: 91.6

Method: SW846 8270E - Semivolatile Organic Compounds (GC/MS) (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Diethyl phthalate	0.36	U	0.36	0.012	mg/Kg	☼	10/02/25 18:11	10/03/25 22:12	1
Dimethyl phthalate	0.36	U	0.36	0.082	mg/Kg	☼	10/02/25 18:11	10/03/25 22:12	1
Di-n-butyl phthalate	0.36	U	0.36	0.014	mg/Kg	☼	10/02/25 18:11	10/03/25 22:12	1
Di-n-octyl phthalate	0.36	U	0.36	0.019	mg/Kg	☼	10/02/25 18:11	10/03/25 22:12	1
Fluoranthene	0.36	U	0.36	0.013	mg/Kg	☼	10/02/25 18:11	10/03/25 22:12	1
Fluorene	0.36	U	0.36	0.011	mg/Kg	☼	10/02/25 18:11	10/03/25 22:12	1
Hexachlorobenzene	0.036	U	0.036	0.017	mg/Kg	☼	10/02/25 18:11	10/03/25 22:12	1
Hexachlorobutadiene	0.073	U	0.073	0.0077	mg/Kg	☼	10/02/25 18:11	10/03/25 22:12	1
Hexachlorocyclopentadiene	0.36	U	0.36	0.032	mg/Kg	☼	10/02/25 18:11	10/03/25 22:12	1
Hexachloroethane	0.036	U	0.036	0.012	mg/Kg	☼	10/02/25 18:11	10/03/25 22:12	1
Indeno[1,2,3-cd]pyrene	0.036	U	0.036	0.014	mg/Kg	☼	10/02/25 18:11	10/03/25 22:12	1
Isophorone	0.15	U	0.15	0.10	mg/Kg	☼	10/02/25 18:11	10/03/25 22:12	1
Naphthalene	0.36	U	0.36	0.0062	mg/Kg	☼	10/02/25 18:11	10/03/25 22:12	1
Nitrobenzene	0.036	U	0.036	0.020	mg/Kg	☼	10/02/25 18:11	10/03/25 22:12	1
N-Nitrosodi-n-propylamine	0.036	U	0.036	0.026	mg/Kg	☼	10/02/25 18:11	10/03/25 22:12	1
N-Nitrosodiphenylamine	0.36	U	0.36	0.030	mg/Kg	☼	10/02/25 18:11	10/03/25 22:12	1
Pentachlorophenol	0.29	U	0.29	0.074	mg/Kg	☼	10/02/25 18:11	10/03/25 22:12	1
Phenanthrene	0.36	U	0.36	0.015	mg/Kg	☼	10/02/25 18:11	10/03/25 22:12	1
Phenol	0.36	U	0.36	0.013	mg/Kg	☼	10/02/25 18:11	10/03/25 22:12	1
Pyrene	0.36	U	0.36	0.0090	mg/Kg	☼	10/02/25 18:11	10/03/25 22:12	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
2,4,6-Tribromophenol (Surr)	*57*		*18 - 137*	*10/02/25 18:11*	*10/03/25 22:12*	*1*
2-Fluorobiphenyl	*62*		*33 - 117*	*10/02/25 18:11*	*10/03/25 22:12*	*1*
2-Fluorophenol (Surr)	*63*		*24 - 120*	*10/02/25 18:11*	*10/03/25 22:12*	*1*
Nitrobenzene-d5 (Surr)	*66*		*27 - 120*	*10/02/25 18:11*	*10/03/25 22:12*	*1*
Phenol-d5 (Surr)	*64*		*28 - 118*	*10/02/25 18:11*	*10/03/25 22:12*	*1*
Terphenyl-d14 (Surr)	*71*		*33 - 124*	*10/02/25 18:11*	*10/03/25 22:12*	*1*

Method: SW846 8081B - Organochlorine Pesticides (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
4,4'-DDD	0.0073	U	0.0073	0.0012	mg/Kg	☼	10/02/25 18:00	10/03/25 12:14	1
4,4'-DDE	0.0073	U	0.0073	0.00086	mg/Kg	☼	10/02/25 18:00	10/03/25 12:14	1
4,4'-DDT	0.0073	U	0.0073	0.0013	mg/Kg	☼	10/02/25 18:00	10/03/25 12:14	1
Aldrin	0.0073	U	0.0073	0.0011	mg/Kg	☼	10/02/25 18:00	10/03/25 12:14	1
alpha-BHC	0.0022	U	0.0022	0.00074	mg/Kg	☼	10/02/25 18:00	10/03/25 12:14	1
beta-BHC	0.0022	U	0.0022	0.00082	mg/Kg	☼	10/02/25 18:00	10/03/25 12:14	1
Chlordane (technical)	0.073	U	0.073	0.018	mg/Kg	☼	10/02/25 18:00	10/03/25 12:14	1
cis-Chlordane	0.0073	U	0.0073	0.0012	mg/Kg	☼	10/02/25 18:00	10/03/25 12:14	1
delta-BHC	0.0022	U	0.0022	0.00045	mg/Kg	☼	10/02/25 18:00	10/03/25 12:14	1
Dieldrin	0.0022	U	0.0022	0.00095	mg/Kg	☼	10/02/25 18:00	10/03/25 12:14	1
Endosulfan I	0.0073	U	0.0073	0.0011	mg/Kg	☼	10/02/25 18:00	10/03/25 12:14	1
Endosulfan II	0.0073	U	0.0073	0.0019	mg/Kg	☼	10/02/25 18:00	10/03/25 12:14	1
Endosulfan sulfate	0.0073	U	0.0073	0.00092	mg/Kg	☼	10/02/25 18:00	10/03/25 12:14	1
Endrin	0.0073	U	0.0073	0.0010	mg/Kg	☼	10/02/25 18:00	10/03/25 12:14	1
Endrin aldehyde	0.0073	U	0.0073	0.0017	mg/Kg	☼	10/02/25 18:00	10/03/25 12:14	1
Endrin ketone	0.0073	U	0.0073	0.0014	mg/Kg	☼	10/02/25 18:00	10/03/25 12:14	1
gamma-BHC (Lindane)	0.0022	U	0.0022	0.00068	mg/Kg	☼	10/02/25 18:00	10/03/25 12:14	1
Heptachlor	0.0073	U	0.0073	0.00086	mg/Kg	☼	10/02/25 18:00	10/03/25 12:14	1
Heptachlor epoxide	0.0073	U	0.0073	0.0011	mg/Kg	☼	10/02/25 18:00	10/03/25 12:14	1

Client Sample ID: 6A_0-6
Date Collected: 10/01/25 11:45
Date Received: 10/01/25 16:15

Lab Sample ID: 460-336212-11
Matrix: Solid
Percent Solids: 91.6

Method: SW846 8081B - Organochlorine Pesticides (GC) (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Methoxychlor	0.0073	U	0.0073	0.0017	mg/Kg	☼	10/02/25 18:00	10/03/25 12:14	1
Toxaphene	0.073	U	0.073	0.026	mg/Kg	☼	10/02/25 18:00	10/03/25 12:14	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
DCB Decachlorobiphenyl	*90*		*10 - 150*	*10/02/25 18:00*	*10/03/25 12:14*	*1*
DCB Decachlorobiphenyl	*143*		*10 - 150*	*10/02/25 18:00*	*10/03/25 12:14*	*1*
Tetrachloro-m-xylene	*78*		*14 - 150*	*10/02/25 18:00*	*10/03/25 12:14*	*1*
Tetrachloro-m-xylene	*110*		*14 - 150*	*10/02/25 18:00*	*10/03/25 12:14*	*1*

Method: SW846 8082A - Polychlorinated Biphenyls (PCBs) by Gas Chromatography

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Aroclor 1016	0.073	U	0.073	0.019	mg/Kg	☼	10/02/25 17:41	10/03/25 18:24	1
Aroclor 1221	0.073	U	0.073	0.019	mg/Kg	☼	10/02/25 17:41	10/03/25 18:24	1
Aroclor 1232	0.073	U	0.073	0.019	mg/Kg	☼	10/02/25 17:41	10/03/25 18:24	1
Aroclor 1242	0.073	U	0.073	0.019	mg/Kg	☼	10/02/25 17:41	10/03/25 18:24	1
Aroclor 1248	0.073	U	0.073	0.019	mg/Kg	☼	10/02/25 17:41	10/03/25 18:24	1
Aroclor 1254	0.073	U	0.073	0.019	mg/Kg	☼	10/02/25 17:41	10/03/25 18:24	1
Aroclor 1260	0.073	U	0.073	0.019	mg/Kg	☼	10/02/25 17:41	10/03/25 18:24	1
Aroclor-1262	0.073	U	0.073	0.019	mg/Kg	☼	10/02/25 17:41	10/03/25 18:24	1
Aroclor 1268	0.073	U	0.073	0.019	mg/Kg	☼	10/02/25 17:41	10/03/25 18:24	1
Polychlorinated biphenyls, Total	0.073	U	0.073	0.019	mg/Kg	☼	10/02/25 17:41	10/03/25 18:24	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
DCB Decachlorobiphenyl	*145*		*10 - 150*	*10/02/25 17:41*	*10/03/25 18:24*	*1*
DCB Decachlorobiphenyl	*152*	*	*10 - 150*	*10/02/25 17:41*	*10/03/25 18:24*	*1*
Tetrachloro-m-xylene	*136*		*10 - 150*	*10/02/25 17:41*	*10/03/25 18:24*	*1*
Tetrachloro-m-xylene	*146*		*10 - 150*	*10/02/25 17:41*	*10/03/25 18:24*	*1*

Method: EPA 1633A - Per- and Polyfluoroalkyl Substances by LC/MS/MS, 1633A

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Perfluorobutanoic acid (PFBA)	0.40	U	0.40	0.10	ug/Kg	☼	10/07/25 14:14	10/08/25 01:41	1
Perfluoropentanoic acid (PFPeA)	0.20	U	0.20	0.10	ug/Kg	☼	10/07/25 14:14	10/08/25 01:41	1
Perfluorohexanoic acid (PFHxA)	0.20	U	0.20	0.10	ug/Kg	☼	10/07/25 14:14	10/08/25 01:41	1
Perfluoroheptanoic acid (PFHpA)	0.20	U	0.20	0.10	ug/Kg	☼	10/07/25 14:14	10/08/25 01:41	1
Perfluorooctanoic acid (PFOA)	0.20	U	0.20	0.060	ug/Kg	☼	10/07/25 14:14	10/08/25 01:41	1
Perfluorononanoic acid (PFNA)	**0.30**		0.20	0.10	ug/Kg	☼	10/07/25 14:14	10/08/25 01:41	1
Perfluorodecanoic acid (PFDA)	**0.082**	**J**	0.20	0.060	ug/Kg	☼	10/07/25 14:14	10/08/25 01:41	1
Perfluoroundecanoic acid (PFUnA)	**7.06**		0.20	0.10	ug/Kg	☼	10/07/25 14:14	10/08/25 01:41	1
Perfluorododecanoic acid (PFDoA)	**0.33**		0.20	0.10	ug/Kg	☼	10/07/25 14:14	10/08/25 01:41	1
Perfluorotridecanoic acid (PFTrDA)	**7.10**		0.20	0.10	ug/Kg	☼	10/07/25 14:14	10/08/25 01:41	1
Perfluorotetradecanoic acid (PFTeDA)	**0.11**	**J**	0.20	0.10	ug/Kg	☼	10/07/25 14:14	10/08/25 01:41	1
Perfluorobutanesulfonic acid (PFBS)	0.20	U	0.20	0.10	ug/Kg	☼	10/07/25 14:14	10/08/25 01:41	1
Perfluoropentanesulfonic acid (PFPeS)	0.20	U	0.20	0.10	ug/Kg	☼	10/07/25 14:14	10/08/25 01:41	1
Perfluorohexanesulfonic acid (PFHxS)	0.20	U	0.20	0.10	ug/Kg	☼	10/07/25 14:14	10/08/25 01:41	1
Perfluoroheptanesulfonic acid (PFHpS)	0.20	U	0.20	0.10	ug/Kg	☼	10/07/25 14:14	10/08/25 01:41	1
Perfluorooctanesulfonic acid (PFOS)	0.20	U	0.20	0.10	ug/Kg	☼	10/07/25 14:14	10/08/25 01:41	1

Client Sample ID: 6A_0-6
Date Collected: 10/01/25 11:45
Date Received: 10/01/25 16:15

Lab Sample ID: 460-336212-11
Matrix: Solid
Percent Solids: 91.6

Method: EPA 1633A - Per- and Polyfluoroalkyl Substances by LC/MS/MS, 1633A (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Perfluorononanesulfonic acid (PFNS)	0.20	U	0.20	0.10	ug/Kg	☼	10/07/25 14:14	10/08/25 01:41	1
Perfluorodecanesulfonic acid (PFDS)	0.20	U	0.20	0.10	ug/Kg	☼	10/07/25 14:14	10/08/25 01:41	1
Perfluorododecanesulfonic acid (PFDoS)	0.20	U	0.20	0.10	ug/Kg	☼	10/07/25 14:14	10/08/25 01:41	1
1H,1H,2H,2H-Perfluorohexane sulfonic acid (4:2 FTS)	0.40	U	0.40	0.20	ug/Kg	☼	10/07/25 14:14	10/08/25 01:41	1
1H,1H,2H,2H-Perfluorooctane sulfonic acid (6:2 FTS)	0.40	U	0.40	0.20	ug/Kg	☼	10/07/25 14:14	10/08/25 01:41	1
1H,1H,2H,2H-Perfluorodecane sulfonic acid (8:2 FTS)	**0.40**		0.40	0.20	ug/Kg	☼	10/07/25 14:14	10/08/25 01:41	1
Perfluorooctanesulfonamide (PFOSA)	0.20	U	0.20	0.10	ug/Kg	☼	10/07/25 14:14	10/08/25 01:41	1
N-methylperfluorooctane sulfonamide (NMeFOSA)	0.20	U	0.20	0.10	ug/Kg	☼	10/07/25 14:14	10/08/25 01:41	1
N-ethylperfluorooctane sulfonamide (NEtFOSA)	0.20	U	0.20	0.10	ug/Kg	☼	10/07/25 14:14	10/08/25 01:41	1
N-methylperfluorooctanesulfonamidoacetic acid (NMeFOSAA)	0.20	U	0.20	0.10	ug/Kg	☼	10/07/25 14:14	10/08/25 01:41	1
N-ethylperfluorooctanesulfonamidoacetic acid (NEtFOSAA)	0.20	U	0.20	0.10	ug/Kg	☼	10/07/25 14:14	10/08/25 01:41	1
N-methylperfluorooctane sulfonamidoethanol (NMeFOSE)	1.00	U	1.00	0.50	ug/Kg	☼	10/07/25 14:14	10/08/25 01:41	1
N-ethylperfluorooctane sulfonamidoethanol (NEtFOSE)	1.00	U	1.00	0.50	ug/Kg	☼	10/07/25 14:14	10/08/25 01:41	1
Hexafluoropropylene Oxide Dimer Acid (HFPO-DA)	0.20	U	0.20	0.10	ug/Kg	☼	10/07/25 14:14	10/08/25 01:41	1
4,8-Dioxa-3H-perfluorononanoic acid (ADONA)	0.20	U	0.20	0.10	ug/Kg	☼	10/07/25 14:14	10/08/25 01:41	1
Perfluoro-3-methoxypropanoic acid (PFMPA)	0.20	U	0.20	0.10	ug/Kg	☼	10/07/25 14:14	10/08/25 01:41	1
Perfluoro-4-methoxybutanoic acid (PFMBA)	0.20	U	0.20	0.10	ug/Kg	☼	10/07/25 14:14	10/08/25 01:41	1
Nonafluoro-3,6-dioxaheptanoic acid (NFDHA)	0.20	U	0.20	0.10	ug/Kg	☼	10/07/25 14:14	10/08/25 01:41	1
9-Chlorohexadecafluoro-3-oxanonane-1-sulfonic acid (9Cl-PF3ONS)	0.20	U	0.20	0.10	ug/Kg	☼	10/07/25 14:14	10/08/25 01:41	1
11-Chloroeicosafluoro-3-oxaundecane-1-sulfonic acid (11Cl-PF3OUdS)	0.20	U	0.20	0.10	ug/Kg	☼	10/07/25 14:14	10/08/25 01:41	1
Perfluoro (2-ethoxyethane) sulfonic acid (PFEESA)	0.20	U	0.20	0.10	ug/Kg	☼	10/07/25 14:14	10/08/25 01:41	1
3-Perfluoropropylpropanoic acid (3:3 FTCA)	0.40	U	0.40	0.20	ug/Kg	☼	10/07/25 14:14	10/08/25 01:41	1
3-Perfluoropentylpropanoic acid (5:3 FTCA)	1.00	U	1.00	0.50	ug/Kg	☼	10/07/25 14:14	10/08/25 01:41	1
3-Perfluoroheptylpropanoic acid (7:3 FTCA)	1.00	U	1.00	0.50	ug/Kg	☼	10/07/25 14:14	10/08/25 01:41	1

Isotope Dilution	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
13C4 PFBA	*114*		*8 - 130*	*10/07/25 14:14*	*10/08/25 01:41*	*1*
13C5 PFPeA	*125*		*35 - 130*	*10/07/25 14:14*	*10/08/25 01:41*	*1*
13C5 PFHxA	*108*		*40 - 130*	*10/07/25 14:14*	*10/08/25 01:41*	*1*
13C4 PFHpA	*113*		*40 - 130*	*10/07/25 14:14*	*10/08/25 01:41*	*1*
13C8 PFOA	*109*		*40 - 130*	*10/07/25 14:14*	*10/08/25 01:41*	*1*
13C9 PFNA	*112*		*40 - 130*	*10/07/25 14:14*	*10/08/25 01:41*	*1*
13C6 PFDA	*105*		*40 - 130*	*10/07/25 14:14*	*10/08/25 01:41*	*1*
13C7 PFUnA	*96.3*		*40 - 130*	*10/07/25 14:14*	*10/08/25 01:41*	*1*

Client Sample ID: 6A_0-6

Date Collected: 10/01/25 11:45
Date Received: 10/01/25 16:15

Lab Sample ID: 460-336212-11

Matrix: Solid
Percent Solids: 91.6

Method: EPA 1633A - Per- and Polyfluoroalkyl Substances by LC/MS/MS, 1633A (Continued)

Isotope Dilution	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
13C2 PFTeDA	65.9		20 - 130	10/07/25 14:14	10/08/25 01:41	1
13C3 PFBS	111		40 - 135	10/07/25 14:14	10/08/25 01:41	1
13C3 PFHxS	110		40 - 130	10/07/25 14:14	10/08/25 01:41	1
13C8 PFOS	109		40 - 130	10/07/25 14:14	10/08/25 01:41	1
13C8 FOSA	68.8		40 - 130	10/07/25 14:14	10/08/25 01:41	1
d3-NMeFOSAA	63.1		40 - 135	10/07/25 14:14	10/08/25 01:41	1
d5-NEtFOSAA	60.9		40 - 150	10/07/25 14:14	10/08/25 01:41	1
13C2 4:2 FTS	96.6		40 - 165	10/07/25 14:14	10/08/25 01:41	1
13C2 6:2 FTS	101		40 - 215	10/07/25 14:14	10/08/25 01:41	1
13C2 8:2 FTS	83.0		40 - 275	10/07/25 14:14	10/08/25 01:41	1
13C3 HFPO-DA	121		40 - 130	10/07/25 14:14	10/08/25 01:41	1
d7-N-MeFOSE-M	48.4		20 - 130	10/07/25 14:14	10/08/25 01:41	1
d9-N-EtFOSE-M	41.3		15 - 130	10/07/25 14:14	10/08/25 01:41	1
d5-NEtPFOSA	59.0		10 - 130	10/07/25 14:14	10/08/25 01:41	1
d3-NMePFOSA	60.4		10 - 130	10/07/25 14:14	10/08/25 01:41	1
13C2 PFDoA	93.9		40 - 130	10/07/25 14:14	10/08/25 01:41	1

Method: SW846 6020B - Metals (ICP/MS)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Aluminum	10500		19.5	5.4	mg/Kg	☼	10/07/25 06:40	10/07/25 17:38	1
Antimony	0.69	J	0.98	0.14	mg/Kg	☼	10/07/25 06:40	10/07/25 17:38	1
Arsenic	6.6		0.98	0.10	mg/Kg	☼	10/07/25 06:40	10/07/25 17:38	1
Barium	56.9		2.0	0.14	mg/Kg	☼	10/07/25 06:40	10/07/25 17:38	1
Beryllium	0.75		0.39	0.021	mg/Kg	☼	10/07/25 06:40	10/07/25 17:38	1
Cadmium	0.25	J	0.98	0.11	mg/Kg	☼	10/07/25 06:40	10/07/25 17:38	1
Calcium	1610		97.5	9.5	mg/Kg	☼	10/07/25 06:40	10/07/25 17:38	1
Chromium	27.4		2.0	0.29	mg/Kg	☼	10/07/25 06:40	10/07/25 17:38	1
Cobalt	11.0		0.98	0.14	mg/Kg	☼	10/07/25 06:40	10/07/25 17:38	1
Copper	49.9		2.0	0.36	mg/Kg	☼	10/07/25 06:40	10/07/25 17:38	1
Iron	25300		58.5	7.5	mg/Kg	☼	10/07/25 06:40	10/07/25 17:38	1
Lead	93.7		0.59	0.20	mg/Kg	☼	10/07/25 06:40	10/07/25 17:38	1
Magnesium	3230		97.5	9.9	mg/Kg	☼	10/07/25 06:40	10/07/25 17:38	1
Manganese	283		3.9	0.39	mg/Kg	☼	10/07/25 06:40	10/07/25 17:38	1
Nickel	26.6		2.0	0.17	mg/Kg	☼	10/07/25 06:40	10/07/25 17:38	1
Potassium	1210		97.5	15.8	mg/Kg	☼	10/07/25 06:40	10/07/25 17:38	1
Selenium	0.40	J	1.2	0.12	mg/Kg	☼	10/07/25 06:40	10/07/25 17:38	1
Silver	0.19	J	0.39	0.087	mg/Kg	☼	10/07/25 06:40	10/07/25 17:38	1
Sodium	108		97.5	44.6	mg/Kg	☼	10/07/25 06:40	10/07/25 17:38	1
Thallium	0.12	J	0.39	0.040	mg/Kg	☼	10/07/25 06:40	10/07/25 17:38	1
Vanadium	29.7		2.0	0.20	mg/Kg	☼	10/07/25 06:40	10/07/25 17:38	1
Zinc	143		7.8	1.1	mg/Kg	☼	10/07/25 06:40	10/07/25 17:38	1

Method: SW846 7471B - Mercury (CVAA)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	0.037		0.017	0.0079	mg/Kg	☼	10/09/25 01:39	10/09/25 09:17	1

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Percent Moisture (EPA Moisture)	8.4		1.0	1.0	%			10/06/25 16:57	1
Percent Solids (EPA Moisture)	91.6		1.0	1.0	%			10/06/25 16:57	1

Client: Haley & Aldrich, Inc.
Project/Site: Former Port Mobil

Job ID: 460-336212-1

Client Sample ID: 6A_6-12
Date Collected: 10/01/25 11:50
Date Received: 10/01/25 16:15

Lab Sample ID: 460-336212-12
Matrix: Solid
Percent Solids: 91.1

Method: SW846 8270E - Semivolatile Organic Compounds (GC/MS)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1'-Biphenyl	0.36	U	0.36	0.013	mg/Kg	☼	10/02/25 18:11	10/03/25 22:34	1
1,2,4,5-Tetrachlorobenzene	0.36	U	0.36	0.011	mg/Kg	☼	10/02/25 18:11	10/03/25 22:34	1
1,4-Dioxane	0.036	U	0.036	0.032	mg/Kg	☼	10/02/25 18:11	10/03/25 22:34	1
2,2'-oxybis[1-chloropropane]	0.36	U	0.36	0.022	mg/Kg	☼	10/02/25 18:11	10/03/25 22:34	1
2,3,4,6-Tetrachlorophenol	0.36	U	0.36	0.025	mg/Kg	☼	10/02/25 18:11	10/03/25 22:34	1
2,4,5-Trichlorophenol	0.36	U	0.36	0.037	mg/Kg	☼	10/02/25 18:11	10/03/25 22:34	1
2,4,6-Trichlorophenol	0.15	U	0.15	0.047	mg/Kg	☼	10/02/25 18:11	10/03/25 22:34	1
2,4-Dichlorophenol	0.15	U	0.15	0.023	mg/Kg	☼	10/02/25 18:11	10/03/25 22:34	1
2,4-Dimethylphenol	0.36	U	0.36	0.043	mg/Kg	☼	10/02/25 18:11	10/03/25 22:34	1
2,4-Dinitrophenol	0.29	U	0.29	0.18	mg/Kg	☼	10/02/25 18:11	10/03/25 22:34	1
2,4-Dinitrotoluene	0.074	U	0.074	0.039	mg/Kg	☼	10/02/25 18:11	10/03/25 22:34	1
2,6-Dinitrotoluene	0.074	U	0.074	0.026	mg/Kg	☼	10/02/25 18:11	10/03/25 22:34	1
2-Chloronaphthalene	0.36	U	0.36	0.047	mg/Kg	☼	10/02/25 18:11	10/03/25 22:34	1
2-Chlorophenol	0.36	U	0.36	0.013	mg/Kg	☼	10/02/25 18:11	10/03/25 22:34	1
2-Methylnaphthalene	0.36	U	0.36	0.010	mg/Kg	☼	10/02/25 18:11	10/03/25 22:34	1
2-Methylphenol	0.36	U	0.36	0.014	mg/Kg	☼	10/02/25 18:11	10/03/25 22:34	1
2-Nitroaniline	0.36	U	0.36	0.028	mg/Kg	☼	10/02/25 18:11	10/03/25 22:34	1
2-Nitrophenol	0.36	U	0.36	0.036	mg/Kg	☼	10/02/25 18:11	10/03/25 22:34	1
3 & 4 Methylphenol	0.36	U	0.36	0.023	mg/Kg	☼	10/02/25 18:11	10/03/25 22:34	1
3,3'-Dichlorobenzidine	0.15	U	0.15	0.055	mg/Kg	☼	10/02/25 18:11	10/03/25 22:34	1
3-Nitroaniline	0.36	U	0.36	0.086	mg/Kg	☼	10/02/25 18:11	10/03/25 22:34	1
4,6-Dinitro-2-methylphenol	0.29	U	0.29	0.15	mg/Kg	☼	10/02/25 18:11	10/03/25 22:34	1
4-Bromophenyl phenyl ether	0.36	U	0.36	0.014	mg/Kg	☼	10/02/25 18:11	10/03/25 22:34	1
4-Chloro-3-methylphenol	0.36	U	0.36	0.020	mg/Kg	☼	10/02/25 18:11	10/03/25 22:34	1
4-Chloroaniline	0.36	U	0.36	0.064	mg/Kg	☼	10/02/25 18:11	10/03/25 22:34	1
4-Chlorophenyl phenyl ether	0.36	U	0.36	0.013	mg/Kg	☼	10/02/25 18:11	10/03/25 22:34	1
4-Methylphenol	0.36	U	0.36	0.023	mg/Kg	☼	10/02/25 18:11	10/03/25 22:34	1
4-Nitroaniline	0.36	U	0.36	0.092	mg/Kg	☼	10/02/25 18:11	10/03/25 22:34	1
4-Nitrophenol	0.74	U	0.74	0.059	mg/Kg	☼	10/02/25 18:11	10/03/25 22:34	1
Acenaphthene	0.36	U	0.36	0.010	mg/Kg	☼	10/02/25 18:11	10/03/25 22:34	1
Acenaphthylene	0.36	U	0.36	0.010	mg/Kg	☼	10/02/25 18:11	10/03/25 22:34	1
Acetophenone	0.36	U	0.36	0.018	mg/Kg	☼	10/02/25 18:11	10/03/25 22:34	1
Anthracene	0.36	U	0.36	0.011	mg/Kg	☼	10/02/25 18:11	10/03/25 22:34	1
Atrazine	0.15	U	0.15	0.021	mg/Kg	☼	10/02/25 18:11	10/03/25 22:34	1
Benzaldehyde	0.36	U	0.36	0.060	mg/Kg	☼	10/02/25 18:11	10/03/25 22:34	1
Benzo[a]anthracene	0.036	U	0.036	0.027	mg/Kg	☼	10/02/25 18:11	10/03/25 22:34	1
Benzo[a]pyrene	0.036	U	0.036	0.0097	mg/Kg	☼	10/02/25 18:11	10/03/25 22:34	1
Benzo[b]fluoranthene	0.036	U	0.036	0.0094	mg/Kg	☼	10/02/25 18:11	10/03/25 22:34	1
Benzo[g,h,i]perylene	0.36	U	0.36	0.011	mg/Kg	☼	10/02/25 18:11	10/03/25 22:34	1
Benzo[k]fluoranthene	0.036	U	0.036	0.0071	mg/Kg	☼	10/02/25 18:11	10/03/25 22:34	1
Bis(2-chloroethoxy)methane	0.36	U	0.36	0.067	mg/Kg	☼	10/02/25 18:11	10/03/25 22:34	1
Bis(2-chloroethyl)ether	0.036	U	0.036	0.013	mg/Kg	☼	10/02/25 18:11	10/03/25 22:34	1
Bis(2-ethylhexyl) phthalate	0.36	U	0.36	0.019	mg/Kg	☼	10/02/25 18:11	10/03/25 22:34	1
Butyl benzyl phthalate	0.36	U	0.36	0.017	mg/Kg	☼	10/02/25 18:11	10/03/25 22:34	1
Caprolactam	0.36	U	0.36	0.057	mg/Kg	☼	10/02/25 18:11	10/03/25 22:34	1
Carbazole	0.36	U	0.36	0.014	mg/Kg	☼	10/02/25 18:11	10/03/25 22:34	1
Chrysene	0.36	U	0.36	0.015	mg/Kg	☼	10/02/25 18:11	10/03/25 22:34	1
Dibenz(a,h)anthracene	0.036	U	0.036	0.016	mg/Kg	☼	10/02/25 18:11	10/03/25 22:34	1
Dibenzofuran	0.36	U	0.36	0.012	mg/Kg	☼	10/02/25 18:11	10/03/25 22:34	1

Client Sample ID: 6A_6-12
Date Collected: 10/01/25 11:50
Date Received: 10/01/25 16:15

Lab Sample ID: 460-336212-12
Matrix: Solid
Percent Solids: 91.1

Method: SW846 8270E - Semivolatile Organic Compounds (GC/MS) (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Diethyl phthalate	0.36	U	0.36	0.012	mg/Kg	☼	10/02/25 18:11	10/03/25 22:34	1
Dimethyl phthalate	0.36	U	0.36	0.083	mg/Kg	☼	10/02/25 18:11	10/03/25 22:34	1
Di-n-butyl phthalate	0.36	U	0.36	0.014	mg/Kg	☼	10/02/25 18:11	10/03/25 22:34	1
Di-n-octyl phthalate	0.36	U	0.36	0.019	mg/Kg	☼	10/02/25 18:11	10/03/25 22:34	1
Fluoranthene	0.36	U	0.36	0.013	mg/Kg	☼	10/02/25 18:11	10/03/25 22:34	1
Fluorene	0.36	U	0.36	0.011	mg/Kg	☼	10/02/25 18:11	10/03/25 22:34	1
Hexachlorobenzene	0.036	U	0.036	0.017	mg/Kg	☼	10/02/25 18:11	10/03/25 22:34	1
Hexachlorobutadiene	0.074	U	0.074	0.0077	mg/Kg	☼	10/02/25 18:11	10/03/25 22:34	1
Hexachlorocyclopentadiene	0.36	U	0.36	0.032	mg/Kg	☼	10/02/25 18:11	10/03/25 22:34	1
Hexachloroethane	0.036	U	0.036	0.012	mg/Kg	☼	10/02/25 18:11	10/03/25 22:34	1
Indeno[1,2,3-cd]pyrene	0.036	U	0.036	0.014	mg/Kg	☼	10/02/25 18:11	10/03/25 22:34	1
Isophorone	0.15	U	0.15	0.10	mg/Kg	☼	10/02/25 18:11	10/03/25 22:34	1
Naphthalene	0.36	U	0.36	0.0063	mg/Kg	☼	10/02/25 18:11	10/03/25 22:34	1
Nitrobenzene	0.036	U	0.036	0.020	mg/Kg	☼	10/02/25 18:11	10/03/25 22:34	1
N-Nitrosodi-n-propylamine	0.036	U	0.036	0.026	mg/Kg	☼	10/02/25 18:11	10/03/25 22:34	1
N-Nitrosodiphenylamine	0.36	U	0.36	0.030	mg/Kg	☼	10/02/25 18:11	10/03/25 22:34	1
Pentachlorophenol	0.29	U	0.29	0.074	mg/Kg	☼	10/02/25 18:11	10/03/25 22:34	1
Phenanthrene	0.36	U	0.36	0.015	mg/Kg	☼	10/02/25 18:11	10/03/25 22:34	1
Phenol	0.36	U	0.36	0.013	mg/Kg	☼	10/02/25 18:11	10/03/25 22:34	1
Pyrene	0.36	U	0.36	0.0090	mg/Kg	☼	10/02/25 18:11	10/03/25 22:34	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
2,4,6-Tribromophenol (Surr)	*57*		*18 - 137*	*10/02/25 18:11*	*10/03/25 22:34*	*1*
2-Fluorobiphenyl	*60*		*33 - 117*	*10/02/25 18:11*	*10/03/25 22:34*	*1*
2-Fluorophenol (Surr)	*62*		*24 - 120*	*10/02/25 18:11*	*10/03/25 22:34*	*1*
Nitrobenzene-d5 (Surr)	*64*		*27 - 120*	*10/02/25 18:11*	*10/03/25 22:34*	*1*
Phenol-d5 (Surr)	*58*		*28 - 118*	*10/02/25 18:11*	*10/03/25 22:34*	*1*
Terphenyl-d14 (Surr)	*68*		*33 - 124*	*10/02/25 18:11*	*10/03/25 22:34*	*1*

Method: SW846 8081B - Organochlorine Pesticides (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
4,4'-DDD	0.0074	U	0.0074	0.0013	mg/Kg	☼	10/02/25 18:00	10/03/25 12:26	1
4,4'-DDE	0.0074	U	0.0074	0.00087	mg/Kg	☼	10/02/25 18:00	10/03/25 12:26	1
4,4'-DDT	0.0074	U	0.0074	0.0014	mg/Kg	☼	10/02/25 18:00	10/03/25 12:26	1
Aldrin	0.0074	U	0.0074	0.0011	mg/Kg	☼	10/02/25 18:00	10/03/25 12:26	1
alpha-BHC	0.0022	U	0.0022	0.00075	mg/Kg	☼	10/02/25 18:00	10/03/25 12:26	1
beta-BHC	0.0022	U	0.0022	0.00082	mg/Kg	☼	10/02/25 18:00	10/03/25 12:26	1
Chlordane (technical)	0.074	U	0.074	0.018	mg/Kg	☼	10/02/25 18:00	10/03/25 12:26	1
cis-Chlordane	0.0074	U	0.0074	0.0012	mg/Kg	☼	10/02/25 18:00	10/03/25 12:26	1
delta-BHC	0.0022	U	0.0022	0.00045	mg/Kg	☼	10/02/25 18:00	10/03/25 12:26	1
Dieldrin	0.0022	U	0.0022	0.00095	mg/Kg	☼	10/02/25 18:00	10/03/25 12:26	1
Endosulfan I	0.0074	U	0.0074	0.0011	mg/Kg	☼	10/02/25 18:00	10/03/25 12:26	1
Endosulfan II	0.0074	U	0.0074	0.0019	mg/Kg	☼	10/02/25 18:00	10/03/25 12:26	1
Endosulfan sulfate	0.0074	U	0.0074	0.00092	mg/Kg	☼	10/02/25 18:00	10/03/25 12:26	1
Endrin	0.0074	U	0.0074	0.0011	mg/Kg	☼	10/02/25 18:00	10/03/25 12:26	1
Endrin aldehyde	0.0074	U	0.0074	0.0017	mg/Kg	☼	10/02/25 18:00	10/03/25 12:26	1
Endrin ketone	0.0074	U	0.0074	0.0014	mg/Kg	☼	10/02/25 18:00	10/03/25 12:26	1
gamma-BHC (Lindane)	0.0022	U	0.0022	0.00068	mg/Kg	☼	10/02/25 18:00	10/03/25 12:26	1
Heptachlor	0.0074	U	0.0074	0.00087	mg/Kg	☼	10/02/25 18:00	10/03/25 12:26	1
Heptachlor epoxide	0.0074	U	0.0074	0.0011	mg/Kg	☼	10/02/25 18:00	10/03/25 12:26	1

Client Sample ID: 6A_6-12

Date Collected: 10/01/25 11:50
Date Received: 10/01/25 16:15

Lab Sample ID: 460-336212-12

Matrix: Solid
Percent Solids: 91.1

Method: SW846 8081B - Organochlorine Pesticides (GC) (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Methoxychlor	0.0074	U	0.0074	0.0017	mg/Kg	☼	10/02/25 18:00	10/03/25 12:26	1
Toxaphene	0.074	U	0.074	0.027	mg/Kg	☼	10/02/25 18:00	10/03/25 12:26	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
DCB Decachlorobiphenyl	*74*		*10 - 150*	*10/02/25 18:00*	*10/03/25 12:26*	*1*
DCB Decachlorobiphenyl	*100*		*10 - 150*	*10/02/25 18:00*	*10/03/25 12:26*	*1*
Tetrachloro-m-xylene	*69*		*14 - 150*	*10/02/25 18:00*	*10/03/25 12:26*	*1*
Tetrachloro-m-xylene	*79*		*14 - 150*	*10/02/25 18:00*	*10/03/25 12:26*	*1*

Method: SW846 8082A - Polychlorinated Biphenyls (PCBs) by Gas Chromatography

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Aroclor 1016	0.074	U	0.074	0.020	mg/Kg	☼	10/02/25 17:41	10/03/25 18:41	1
Aroclor 1221	0.074	U	0.074	0.020	mg/Kg	☼	10/02/25 17:41	10/03/25 18:41	1
Aroclor 1232	0.074	U	0.074	0.020	mg/Kg	☼	10/02/25 17:41	10/03/25 18:41	1
Aroclor 1242	0.074	U	0.074	0.020	mg/Kg	☼	10/02/25 17:41	10/03/25 18:41	1
Aroclor 1248	0.074	U	0.074	0.020	mg/Kg	☼	10/02/25 17:41	10/03/25 18:41	1
Aroclor 1254	0.074	U	0.074	0.020	mg/Kg	☼	10/02/25 17:41	10/03/25 18:41	1
Aroclor 1260	0.074	U	0.074	0.020	mg/Kg	☼	10/02/25 17:41	10/03/25 18:41	1
Aroclor-1262	0.074	U	0.074	0.020	mg/Kg	☼	10/02/25 17:41	10/03/25 18:41	1
Aroclor 1268	0.074	U	0.074	0.020	mg/Kg	☼	10/02/25 17:41	10/03/25 18:41	1
Polychlorinated biphenyls, Total	0.074	U	0.074	0.020	mg/Kg	☼	10/02/25 17:41	10/03/25 18:41	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
DCB Decachlorobiphenyl	*114*		*10 - 150*	*10/02/25 17:41*	*10/03/25 18:41*	*1*
DCB Decachlorobiphenyl	*120*		*10 - 150*	*10/02/25 17:41*	*10/03/25 18:41*	*1*
Tetrachloro-m-xylene	*110*		*10 - 150*	*10/02/25 17:41*	*10/03/25 18:41*	*1*
Tetrachloro-m-xylene	*116*		*10 - 150*	*10/02/25 17:41*	*10/03/25 18:41*	*1*

Method: EPA 1633A - Per- and Polyfluoroalkyl Substances by LC/MS/MS, 1633A

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Perfluorobutanoic acid (PFBA)	0.38	U	0.38	0.095	ug/Kg	☼	10/07/25 14:14	10/08/25 01:55	1
Perfluoropentanoic acid (PFPeA)	0.19	U	0.19	0.095	ug/Kg	☼	10/07/25 14:14	10/08/25 01:55	1
Perfluorohexanoic acid (PFHxA)	0.19	U	0.19	0.095	ug/Kg	☼	10/07/25 14:14	10/08/25 01:55	1
Perfluoroheptanoic acid (PFHpA)	0.19	U	0.19	0.095	ug/Kg	☼	10/07/25 14:14	10/08/25 01:55	1
Perfluorooctanoic acid (PFOA)	**0.059**	**J**	0.19	0.057	ug/Kg	☼	10/07/25 14:14	10/08/25 01:55	1
Perfluorononanoic acid (PFNA)	**0.33**		0.19	0.095	ug/Kg	☼	10/07/25 14:14	10/08/25 01:55	1
Perfluorodecanoic acid (PFDA)	0.19	U	0.19	0.057	ug/Kg	☼	10/07/25 14:14	10/08/25 01:55	1
Perfluoroundecanoic acid (PFUnA)	**2.37**		0.19	0.095	ug/Kg	☼	10/07/25 14:14	10/08/25 01:55	1
Perfluorododecanoic acid (PFDoA)	**0.20**		0.19	0.095	ug/Kg	☼	10/07/25 14:14	10/08/25 01:55	1
Perfluorotridecanoic acid (PFTrDA)	**5.96**		0.19	0.095	ug/Kg	☼	10/07/25 14:14	10/08/25 01:55	1
Perfluorotetradecanoic acid (PFTeDA)	**0.11**	**J**	0.19	0.095	ug/Kg	☼	10/07/25 14:14	10/08/25 01:55	1
Perfluorobutanesulfonic acid (PFBS)	0.19	U	0.19	0.095	ug/Kg	☼	10/07/25 14:14	10/08/25 01:55	1
Perfluoropentanesulfonic acid (PFPeS)	0.19	U	0.19	0.095	ug/Kg	☼	10/07/25 14:14	10/08/25 01:55	1
Perfluorohexanesulfonic acid (PFHxS)	0.19	U	0.19	0.095	ug/Kg	☼	10/07/25 14:14	10/08/25 01:55	1
Perfluoroheptanesulfonic acid (PFHpS)	0.19	U	0.19	0.095	ug/Kg	☼	10/07/25 14:14	10/08/25 01:55	1
Perfluorooctanesulfonic acid (PFOS)	0.19	U	0.19	0.095	ug/Kg	☼	10/07/25 14:14	10/08/25 01:55	1

Client Sample ID: 6A_6-12
Date Collected: 10/01/25 11:50
Date Received: 10/01/25 16:15

Lab Sample ID: 460-336212-12
Matrix: Solid
Percent Solids: 91.1

Method: EPA 1633A - Per- and Polyfluoroalkyl Substances by LC/MS/MS, 1633A (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Perfluorononanesulfonic acid (PFNS)	0.19	U	0.19	0.095	ug/Kg	☼	10/07/25 14:14	10/08/25 01:55	1
Perfluorodecanesulfonic acid (PFDS)	0.19	U	0.19	0.095	ug/Kg	☼	10/07/25 14:14	10/08/25 01:55	1
Perfluorododecanesulfonic acid (PFDoS)	0.19	U	0.19	0.095	ug/Kg	☼	10/07/25 14:14	10/08/25 01:55	1
1H,1H,2H,2H-Perfluorohexane sulfonic acid (4:2 FTS)	0.38	U	0.38	0.19	ug/Kg	☼	10/07/25 14:14	10/08/25 01:55	1
1H,1H,2H,2H-Perfluorooctane sulfonic acid (6:2 FTS)	0.38	U	0.38	0.19	ug/Kg	☼	10/07/25 14:14	10/08/25 01:55	1
1H,1H,2H,2H-Perfluorodecane sulfonic acid (8:2 FTS)	**0.35**	**J**	0.38	0.19	ug/Kg	☼	10/07/25 14:14	10/08/25 01:55	1
Perfluorooctanesulfonamide (PFOSA)	0.19	U	0.19	0.095	ug/Kg	☼	10/07/25 14:14	10/08/25 01:55	1
N-methylperfluorooctane sulfonamide (NMeFOSA)	0.19	U	0.19	0.095	ug/Kg	☼	10/07/25 14:14	10/08/25 01:55	1
N-ethylperfluorooctane sulfonamide (NEtFOSA)	0.19	U	0.19	0.095	ug/Kg	☼	10/07/25 14:14	10/08/25 01:55	1
N-methylperfluorooctanesulfonamidoacetic acid (NMeFOSAA)	0.19	U	0.19	0.095	ug/Kg	☼	10/07/25 14:14	10/08/25 01:55	1
N-ethylperfluorooctanesulfonamidoacetic acid (NEtFOSAA)	0.19	U	0.19	0.095	ug/Kg	☼	10/07/25 14:14	10/08/25 01:55	1
N-methylperfluorooctane sulfonamidoethanol (NMeFOSE)	0.95	U	0.95	0.48	ug/Kg	☼	10/07/25 14:14	10/08/25 01:55	1
N-ethylperfluorooctane sulfonamidoethanol (NEtFOSE)	0.95	U	0.95	0.48	ug/Kg	☼	10/07/25 14:14	10/08/25 01:55	1
Hexafluoropropylene Oxide Dimer Acid (HFPO-DA)	0.19	U	0.19	0.095	ug/Kg	☼	10/07/25 14:14	10/08/25 01:55	1
4,8-Dioxa-3H-perfluorononanoic acid (ADONA)	0.19	U	0.19	0.095	ug/Kg	☼	10/07/25 14:14	10/08/25 01:55	1
Perfluoro-3-methoxypropanoic acid (PFMPA)	0.19	U	0.19	0.095	ug/Kg	☼	10/07/25 14:14	10/08/25 01:55	1
Perfluoro-4-methoxybutanoic acid (PFMBA)	0.19	U	0.19	0.095	ug/Kg	☼	10/07/25 14:14	10/08/25 01:55	1
Nonafluoro-3,6-dioxaheptanoic acid (NFDHA)	0.19	U	0.19	0.095	ug/Kg	☼	10/07/25 14:14	10/08/25 01:55	1
9-Chlorohexadecafluoro-3-oxanonane-1-sulfonic acid (9Cl-PF3ONS)	0.19	U	0.19	0.095	ug/Kg	☼	10/07/25 14:14	10/08/25 01:55	1
11-Chloroeicosafluoro-3-oxaundecane-1-sulfonic acid (11Cl-PF3OUdS)	0.19	U	0.19	0.095	ug/Kg	☼	10/07/25 14:14	10/08/25 01:55	1
Perfluoro (2-ethoxyethane) sulfonic acid (PFEESA)	0.19	U	0.19	0.095	ug/Kg	☼	10/07/25 14:14	10/08/25 01:55	1
3-Perfluoropropylpropanoic acid (3:3 FTCA)	0.38	U	0.38	0.19	ug/Kg	☼	10/07/25 14:14	10/08/25 01:55	1
3-Perfluoropentylpropanoic acid (5:3 FTCA)	0.95	U	0.95	0.48	ug/Kg	☼	10/07/25 14:14	10/08/25 01:55	1
3-Perfluoroheptylpropanoic acid (7:3 FTCA)	0.95	U	0.95	0.48	ug/Kg	☼	10/07/25 14:14	10/08/25 01:55	1

Isotope Dilution	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
13C4 PFBA	*97.6*		*8 - 130*	*10/07/25 14:14*	*10/08/25 01:55*	*1*
13C5 PFPeA	*104*		*35 - 130*	*10/07/25 14:14*	*10/08/25 01:55*	*1*
13C5 PFHxA	*89.9*		*40 - 130*	*10/07/25 14:14*	*10/08/25 01:55*	*1*
13C4 PFHpA	*93.9*		*40 - 130*	*10/07/25 14:14*	*10/08/25 01:55*	*1*
13C8 PFOA	*94.3*		*40 - 130*	*10/07/25 14:14*	*10/08/25 01:55*	*1*
13C9 PFNA	*101*		*40 - 130*	*10/07/25 14:14*	*10/08/25 01:55*	*1*
13C6 PFDA	*99.8*		*40 - 130*	*10/07/25 14:14*	*10/08/25 01:55*	*1*
13C7 PFUnA	*97.0*		*40 - 130*	*10/07/25 14:14*	*10/08/25 01:55*	*1*

Client Sample ID: 6A_6-12

Date Collected: 10/01/25 11:50
Date Received: 10/01/25 16:15

Lab Sample ID: 460-336212-12

Matrix: Solid
Percent Solids: 91.1

Method: EPA 1633A - Per- and Polyfluoroalkyl Substances by LC/MS/MS, 1633A (Continued)

Isotope Dilution	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
13C2 PFTeDA	67.9		20 - 130	10/07/25 14:14	10/08/25 01:55	1
13C3 PFBS	95.2		40 - 135	10/07/25 14:14	10/08/25 01:55	1
13C3 PFHxS	92.0		40 - 130	10/07/25 14:14	10/08/25 01:55	1
13C8 PFOS	94.0		40 - 130	10/07/25 14:14	10/08/25 01:55	1
13C8 FOSA	61.1		40 - 130	10/07/25 14:14	10/08/25 01:55	1
d3-NMeFOSAA	56.7		40 - 135	10/07/25 14:14	10/08/25 01:55	1
d5-NEtFOSAA	54.0		40 - 150	10/07/25 14:14	10/08/25 01:55	1
13C2 4:2 FTS	83.6		40 - 165	10/07/25 14:14	10/08/25 01:55	1
13C2 6:2 FTS	87.0		40 - 215	10/07/25 14:14	10/08/25 01:55	1
13C2 8:2 FTS	68.9		40 - 275	10/07/25 14:14	10/08/25 01:55	1
13C3 HFPO-DA	96.0		40 - 130	10/07/25 14:14	10/08/25 01:55	1
d7-N-MeFOSE-M	46.4		20 - 130	10/07/25 14:14	10/08/25 01:55	1
d9-N-EtFOSE-M	39.7		15 - 130	10/07/25 14:14	10/08/25 01:55	1
d5-NEtPFOSA	51.9		10 - 130	10/07/25 14:14	10/08/25 01:55	1
d3-NMePFOSA	54.4		10 - 130	10/07/25 14:14	10/08/25 01:55	1
13C2 PFDoA	88.3		40 - 130	10/07/25 14:14	10/08/25 01:55	1

Method: SW846 6020B - Metals (ICP/MS)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Aluminum	10500		20.1	5.5	mg/Kg	☼	10/07/25 06:40	10/07/25 17:41	1
Antimony	0.72	J	1.0	0.15	mg/Kg	☼	10/07/25 06:40	10/07/25 17:41	1
Arsenic	6.7		1.0	0.10	mg/Kg	☼	10/07/25 06:40	10/07/25 17:41	1
Barium	59.0		2.0	0.15	mg/Kg	☼	10/07/25 06:40	10/07/25 17:41	1
Beryllium	0.82		0.40	0.022	mg/Kg	☼	10/07/25 06:40	10/07/25 17:41	1
Cadmium	0.28	J	1.0	0.11	mg/Kg	☼	10/07/25 06:40	10/07/25 17:41	1
Calcium	1800		101	9.8	mg/Kg	☼	10/07/25 06:40	10/07/25 17:41	1
Chromium	30.8		2.0	0.30	mg/Kg	☼	10/07/25 06:40	10/07/25 17:41	1
Cobalt	12.0		1.0	0.15	mg/Kg	☼	10/07/25 06:40	10/07/25 17:41	1
Copper	59.8		2.0	0.37	mg/Kg	☼	10/07/25 06:40	10/07/25 17:41	1
Iron	26400		60.4	7.7	mg/Kg	☼	10/07/25 06:40	10/07/25 17:41	1
Lead	123		0.60	0.20	mg/Kg	☼	10/07/25 06:40	10/07/25 17:41	1
Magnesium	3540		101	10.3	mg/Kg	☼	10/07/25 06:40	10/07/25 17:41	1
Manganese	304		4.0	0.41	mg/Kg	☼	10/07/25 06:40	10/07/25 17:41	1
Nickel	33.1		2.0	0.18	mg/Kg	☼	10/07/25 06:40	10/07/25 17:41	1
Potassium	1280		101	16.3	mg/Kg	☼	10/07/25 06:40	10/07/25 17:41	1
Selenium	0.36	J	1.3	0.13	mg/Kg	☼	10/07/25 06:40	10/07/25 17:41	1
Silver	0.18	J	0.40	0.090	mg/Kg	☼	10/07/25 06:40	10/07/25 17:41	1
Sodium	107		101	46.0	mg/Kg	☼	10/07/25 06:40	10/07/25 17:41	1
Thallium	0.14	J	0.40	0.041	mg/Kg	☼	10/07/25 06:40	10/07/25 17:41	1
Vanadium	30.9		2.0	0.21	mg/Kg	☼	10/07/25 06:40	10/07/25 17:41	1
Zinc	159		8.1	1.1	mg/Kg	☼	10/07/25 06:40	10/07/25 17:41	1

Method: SW846 7471B - Mercury (CVAA)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	0.030		0.019	0.0088	mg/Kg	☼	10/09/25 01:39	10/09/25 09:19	1

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Percent Moisture (EPA Moisture)	8.9		1.0	1.0	%			10/06/25 16:57	1
Percent Solids (EPA Moisture)	91.1		1.0	1.0	%			10/06/25 16:57	1

Client Sample ID: 6B_0-6
Date Collected: 10/01/25 11:55
Date Received: 10/01/25 16:15

Lab Sample ID: 460-336212-13
Matrix: Solid
Percent Solids: 90.2

Method: SW846 8270E - Semivolatile Organic Compounds (GC/MS)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1'-Biphenyl	0.37	U	0.37	0.013	mg/Kg	☼	10/02/25 18:11	10/03/25 23:18	1
1,2,4,5-Tetrachlorobenzene	0.37	U	0.37	0.011	mg/Kg	☼	10/02/25 18:11	10/03/25 23:18	1
1,4-Dioxane	0.037	U	0.037	0.032	mg/Kg	☼	10/02/25 18:11	10/03/25 23:18	1
2,2'-oxybis[1-chloropropane]	0.37	U	0.37	0.022	mg/Kg	☼	10/02/25 18:11	10/03/25 23:18	1
2,3,4,6-Tetrachlorophenol	0.37	U	0.37	0.025	mg/Kg	☼	10/02/25 18:11	10/03/25 23:18	1
2,4,5-Trichlorophenol	0.37	U	0.37	0.037	mg/Kg	☼	10/02/25 18:11	10/03/25 23:18	1
2,4,6-Trichlorophenol	0.15	U	0.15	0.047	mg/Kg	☼	10/02/25 18:11	10/03/25 23:18	1
2,4-Dichlorophenol	0.15	U	0.15	0.024	mg/Kg	☼	10/02/25 18:11	10/03/25 23:18	1
2,4-Dimethylphenol	0.37	U	0.37	0.044	mg/Kg	☼	10/02/25 18:11	10/03/25 23:18	1
2,4-Dinitrophenol	0.29	U	0.29	0.18	mg/Kg	☼	10/02/25 18:11	10/03/25 23:18	1
2,4-Dinitrotoluene	0.074	U	0.074	0.039	mg/Kg	☼	10/02/25 18:11	10/03/25 23:18	1
2,6-Dinitrotoluene	0.074	U	0.074	0.026	mg/Kg	☼	10/02/25 18:11	10/03/25 23:18	1
2-Chloronaphthalene	0.37	U	0.37	0.047	mg/Kg	☼	10/02/25 18:11	10/03/25 23:18	1
2-Chlorophenol	0.37	U	0.37	0.013	mg/Kg	☼	10/02/25 18:11	10/03/25 23:18	1
2-Methylnaphthalene	0.37	U	0.37	0.010	mg/Kg	☼	10/02/25 18:11	10/03/25 23:18	1
2-Methylphenol	0.37	U	0.37	0.014	mg/Kg	☼	10/02/25 18:11	10/03/25 23:18	1
2-Nitroaniline	0.37	U	0.37	0.028	mg/Kg	☼	10/02/25 18:11	10/03/25 23:18	1
2-Nitrophenol	0.37	U	0.37	0.037	mg/Kg	☼	10/02/25 18:11	10/03/25 23:18	1
3 & 4 Methylphenol	0.37	U	0.37	0.023	mg/Kg	☼	10/02/25 18:11	10/03/25 23:18	1
3,3'-Dichlorobenzidine	0.15	U	0.15	0.055	mg/Kg	☼	10/02/25 18:11	10/03/25 23:18	1
3-Nitroaniline	0.37	U	0.37	0.087	mg/Kg	☼	10/02/25 18:11	10/03/25 23:18	1
4,6-Dinitro-2-methylphenol	0.29	U	0.29	0.15	mg/Kg	☼	10/02/25 18:11	10/03/25 23:18	1
4-Bromophenyl phenyl ether	0.37	U	0.37	0.015	mg/Kg	☼	10/02/25 18:11	10/03/25 23:18	1
4-Chloro-3-methylphenol	0.37	U	0.37	0.021	mg/Kg	☼	10/02/25 18:11	10/03/25 23:18	1
4-Chloroaniline	0.37	U	0.37	0.065	mg/Kg	☼	10/02/25 18:11	10/03/25 23:18	1
4-Chlorophenyl phenyl ether	0.37	U	0.37	0.013	mg/Kg	☼	10/02/25 18:11	10/03/25 23:18	1
4-Methylphenol	0.37	U	0.37	0.023	mg/Kg	☼	10/02/25 18:11	10/03/25 23:18	1
4-Nitroaniline	0.37	U	0.37	0.093	mg/Kg	☼	10/02/25 18:11	10/03/25 23:18	1
4-Nitrophenol	0.74	U	0.74	0.060	mg/Kg	☼	10/02/25 18:11	10/03/25 23:18	1
Acenaphthene	0.37	U	0.37	0.010	mg/Kg	☼	10/02/25 18:11	10/03/25 23:18	1
Acenaphthylene	0.37	U	0.37	0.010	mg/Kg	☼	10/02/25 18:11	10/03/25 23:18	1
Acetophenone	0.37	U	0.37	0.018	mg/Kg	☼	10/02/25 18:11	10/03/25 23:18	1
Anthracene	0.37	U	0.37	0.011	mg/Kg	☼	10/02/25 18:11	10/03/25 23:18	1
Atrazine	0.15	U	0.15	0.022	mg/Kg	☼	10/02/25 18:11	10/03/25 23:18	1
Benzaldehyde	0.37	U	0.37	0.061	mg/Kg	☼	10/02/25 18:11	10/03/25 23:18	1
Benzo[a]anthracene	0.037	U	0.037	0.028	mg/Kg	☼	10/02/25 18:11	10/03/25 23:18	1
Benzo[a]pyrene	0.037	U	0.037	0.0098	mg/Kg	☼	10/02/25 18:11	10/03/25 23:18	1
Benzo[b]fluoranthene	0.037	U	0.037	0.0095	mg/Kg	☼	10/02/25 18:11	10/03/25 23:18	1
Benzo[g,h,i]perylene	0.37	U	0.37	0.011	mg/Kg	☼	10/02/25 18:11	10/03/25 23:18	1
Benzo[k]fluoranthene	0.037	U	0.037	0.0072	mg/Kg	☼	10/02/25 18:11	10/03/25 23:18	1
Bis(2-chloroethoxy)methane	0.37	U	0.37	0.068	mg/Kg	☼	10/02/25 18:11	10/03/25 23:18	1
Bis(2-chloroethyl)ether	0.037	U	0.037	0.013	mg/Kg	☼	10/02/25 18:11	10/03/25 23:18	1
Bis(2-ethylhexyl) phthalate	0.37	U	0.37	0.019	mg/Kg	☼	10/02/25 18:11	10/03/25 23:18	1
Butyl benzyl phthalate	0.37	U	0.37	0.017	mg/Kg	☼	10/02/25 18:11	10/03/25 23:18	1
Caprolactam	0.37	U	0.37	0.057	mg/Kg	☼	10/02/25 18:11	10/03/25 23:18	1
Carbazole	0.37	U	0.37	0.014	mg/Kg	☼	10/02/25 18:11	10/03/25 23:18	1
Chrysene	0.37	U	0.37	0.015	mg/Kg	☼	10/02/25 18:11	10/03/25 23:18	1
Dibenz(a,h)anthracene	0.037	U	0.037	0.016	mg/Kg	☼	10/02/25 18:11	10/03/25 23:18	1
Dibenzofuran	0.37	U	0.37	0.012	mg/Kg	☼	10/02/25 18:11	10/03/25 23:18	1

Client Sample ID: 6B_0-6
Date Collected: 10/01/25 11:55
Date Received: 10/01/25 16:15

Lab Sample ID: 460-336212-13
Matrix: Solid
Percent Solids: 90.2

Method: SW846 8270E - Semivolatile Organic Compounds (GC/MS) (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Diethyl phthalate	0.37	U	0.37	0.012	mg/Kg	☼	10/02/25 18:11	10/03/25 23:18	1
Dimethyl phthalate	0.37	U	0.37	0.083	mg/Kg	☼	10/02/25 18:11	10/03/25 23:18	1
Di-n-butyl phthalate	0.37	U	0.37	0.014	mg/Kg	☼	10/02/25 18:11	10/03/25 23:18	1
Di-n-octyl phthalate	0.37	U	0.37	0.019	mg/Kg	☼	10/02/25 18:11	10/03/25 23:18	1
Fluoranthene	0.37	U	0.37	0.013	mg/Kg	☼	10/02/25 18:11	10/03/25 23:18	1
Fluorene	0.37	U	0.37	0.011	mg/Kg	☼	10/02/25 18:11	10/03/25 23:18	1
Hexachlorobenzene	0.037	U	0.037	0.017	mg/Kg	☼	10/02/25 18:11	10/03/25 23:18	1
Hexachlorobutadiene	0.074	U	0.074	0.0078	mg/Kg	☼	10/02/25 18:11	10/03/25 23:18	1
Hexachlorocyclopentadiene	0.37	U	0.37	0.032	mg/Kg	☼	10/02/25 18:11	10/03/25 23:18	1
Hexachloroethane	0.037	U	0.037	0.013	mg/Kg	☼	10/02/25 18:11	10/03/25 23:18	1
Indeno[1,2,3-cd]pyrene	0.037	U	0.037	0.014	mg/Kg	☼	10/02/25 18:11	10/03/25 23:18	1
Isophorone	0.15	U	0.15	0.11	mg/Kg	☼	10/02/25 18:11	10/03/25 23:18	1
Naphthalene	0.37	U	0.37	0.0063	mg/Kg	☼	10/02/25 18:11	10/03/25 23:18	1
Nitrobenzene	0.037	U	0.037	0.020	mg/Kg	☼	10/02/25 18:11	10/03/25 23:18	1
N-Nitrosodi-n-propylamine	0.037	U	0.037	0.027	mg/Kg	☼	10/02/25 18:11	10/03/25 23:18	1
N-Nitrosodiphenylamine	0.37	U	0.37	0.030	mg/Kg	☼	10/02/25 18:11	10/03/25 23:18	1
Pentachlorophenol	0.29	U	0.29	0.075	mg/Kg	☼	10/02/25 18:11	10/03/25 23:18	1
Phenanthrene	0.37	U	0.37	0.015	mg/Kg	☼	10/02/25 18:11	10/03/25 23:18	1
Phenol	0.37	U	0.37	0.013	mg/Kg	☼	10/02/25 18:11	10/03/25 23:18	1
Pyrene	0.37	U	0.37	0.0091	mg/Kg	☼	10/02/25 18:11	10/03/25 23:18	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
2,4,6-Tribromophenol (Surr)	*59*		*18 - 137*	*10/02/25 18:11*	*10/03/25 23:18*	*1*
2-Fluorobiphenyl	*63*		*33 - 117*	*10/02/25 18:11*	*10/03/25 23:18*	*1*
2-Fluorophenol (Surr)	*64*		*24 - 120*	*10/02/25 18:11*	*10/03/25 23:18*	*1*
Nitrobenzene-d5 (Surr)	*65*		*27 - 120*	*10/02/25 18:11*	*10/03/25 23:18*	*1*
Phenol-d5 (Surr)	*65*		*28 - 118*	*10/02/25 18:11*	*10/03/25 23:18*	*1*
Terphenyl-d14 (Surr)	*72*		*33 - 124*	*10/02/25 18:11*	*10/03/25 23:18*	*1*

Method: SW846 8081B - Organochlorine Pesticides (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
4,4'-DDD	0.0074	U	0.0074	0.0013	mg/Kg	☼	10/02/25 18:00	10/03/25 12:39	1
4,4'-DDE	0.0074	U	0.0074	0.00088	mg/Kg	☼	10/02/25 18:00	10/03/25 12:39	1
4,4'-DDT	0.0074	U	0.0074	0.0014	mg/Kg	☼	10/02/25 18:00	10/03/25 12:39	1
Aldrin	0.0074	U	0.0074	0.0011	mg/Kg	☼	10/02/25 18:00	10/03/25 12:39	1
alpha-BHC	0.0022	U	0.0022	0.00075	mg/Kg	☼	10/02/25 18:00	10/03/25 12:39	1
beta-BHC	0.0022	U	0.0022	0.00083	mg/Kg	☼	10/02/25 18:00	10/03/25 12:39	1
Chlordane (technical)	0.074	U	0.074	0.018	mg/Kg	☼	10/02/25 18:00	10/03/25 12:39	1
cis-Chlordane	0.0074	U	0.0074	0.0012	mg/Kg	☼	10/02/25 18:00	10/03/25 12:39	1
delta-BHC	0.0022	U	0.0022	0.00045	mg/Kg	☼	10/02/25 18:00	10/03/25 12:39	1
Dieldrin	0.0022	U	0.0022	0.00096	mg/Kg	☼	10/02/25 18:00	10/03/25 12:39	1
Endosulfan I	0.0074	U	0.0074	0.0011	mg/Kg	☼	10/02/25 18:00	10/03/25 12:39	1
Endosulfan II	0.0074	U	0.0074	0.0019	mg/Kg	☼	10/02/25 18:00	10/03/25 12:39	1
Endosulfan sulfate	0.0074	U	0.0074	0.00093	mg/Kg	☼	10/02/25 18:00	10/03/25 12:39	1
Endrin	0.0074	U	0.0074	0.0011	mg/Kg	☼	10/02/25 18:00	10/03/25 12:39	1
Endrin aldehyde	0.0074	U	0.0074	0.0018	mg/Kg	☼	10/02/25 18:00	10/03/25 12:39	1
Endrin ketone	0.0074	U	0.0074	0.0014	mg/Kg	☼	10/02/25 18:00	10/03/25 12:39	1
gamma-BHC (Lindane)	0.0022	U	0.0022	0.00069	mg/Kg	☼	10/02/25 18:00	10/03/25 12:39	1
Heptachlor	0.0074	U	0.0074	0.00088	mg/Kg	☼	10/02/25 18:00	10/03/25 12:39	1
Heptachlor epoxide	0.0074	U	0.0074	0.0011	mg/Kg	☼	10/02/25 18:00	10/03/25 12:39	1

Client Sample ID: 6B_0-6
Date Collected: 10/01/25 11:55
Date Received: 10/01/25 16:15

Lab Sample ID: 460-336212-13
Matrix: Solid
Percent Solids: 90.2

Method: SW846 8081B - Organochlorine Pesticides (GC) (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Methoxychlor	0.0074	U	0.0074	0.0017	mg/Kg	☼	10/02/25 18:00	10/03/25 12:39	1
Toxaphene	0.074	U	0.074	0.027	mg/Kg	☼	10/02/25 18:00	10/03/25 12:39	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
DCB Decachlorobiphenyl	*91*		*10 - 150*	*10/02/25 18:00*	*10/03/25 12:39*	*1*
DCB Decachlorobiphenyl	*114*		*10 - 150*	*10/02/25 18:00*	*10/03/25 12:39*	*1*
Tetrachloro-m-xylene	*94*		*14 - 150*	*10/02/25 18:00*	*10/03/25 12:39*	*1*
Tetrachloro-m-xylene	*94*		*14 - 150*	*10/02/25 18:00*	*10/03/25 12:39*	*1*

Method: SW846 8082A - Polychlorinated Biphenyls (PCBs) by Gas Chromatography

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Aroclor 1016	0.074	U	0.074	0.020	mg/Kg	☼	10/02/25 17:41	10/03/25 18:58	1
Aroclor 1221	0.074	U	0.074	0.020	mg/Kg	☼	10/02/25 17:41	10/03/25 18:58	1
Aroclor 1232	0.074	U	0.074	0.020	mg/Kg	☼	10/02/25 17:41	10/03/25 18:58	1
Aroclor 1242	0.074	U	0.074	0.020	mg/Kg	☼	10/02/25 17:41	10/03/25 18:58	1
Aroclor 1248	0.074	U	0.074	0.020	mg/Kg	☼	10/02/25 17:41	10/03/25 18:58	1
Aroclor 1254	0.074	U	0.074	0.020	mg/Kg	☼	10/02/25 17:41	10/03/25 18:58	1
Aroclor 1260	0.074	U	0.074	0.020	mg/Kg	☼	10/02/25 17:41	10/03/25 18:58	1
Aroclor-1262	0.074	U	0.074	0.020	mg/Kg	☼	10/02/25 17:41	10/03/25 18:58	1
Aroclor 1268	0.074	U	0.074	0.020	mg/Kg	☼	10/02/25 17:41	10/03/25 18:58	1
Polychlorinated biphenyls, Total	0.074	U	0.074	0.020	mg/Kg	☼	10/02/25 17:41	10/03/25 18:58	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
DCB Decachlorobiphenyl	*133*		*10 - 150*	*10/02/25 17:41*	*10/03/25 18:58*	*1*
DCB Decachlorobiphenyl	*138*		*10 - 150*	*10/02/25 17:41*	*10/03/25 18:58*	*1*
Tetrachloro-m-xylene	*128*		*10 - 150*	*10/02/25 17:41*	*10/03/25 18:58*	*1*
Tetrachloro-m-xylene	*136*		*10 - 150*	*10/02/25 17:41*	*10/03/25 18:58*	*1*

Method: EPA 1633A - Per- and Polyfluoroalkyl Substances by LC/MS/MS, 1633A

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Perfluorobutanoic acid (PFBA)	0.38	U	0.38	0.096	ug/Kg	☼	10/07/25 14:14	10/08/25 02:08	1
Perfluoropentanoic acid (PFPeA)	0.19	U	0.19	0.096	ug/Kg	☼	10/07/25 14:14	10/08/25 02:08	1
Perfluorohexanoic acid (PFHxA)	0.19	U	0.19	0.096	ug/Kg	☼	10/07/25 14:14	10/08/25 02:08	1
Perfluoroheptanoic acid (PFHpA)	**0.12**	**J**	0.19	0.096	ug/Kg	☼	10/07/25 14:14	10/08/25 02:08	1
Perfluorooctanoic acid (PFOA)	**0.11**	**J**	0.19	0.058	ug/Kg	☼	10/07/25 14:14	10/08/25 02:08	1
Perfluorononanoic acid (PFNA)	**0.46**		0.19	0.096	ug/Kg	☼	10/07/25 14:14	10/08/25 02:08	1
Perfluorodecanoic acid (PFDA)	**0.41**		0.19	0.058	ug/Kg	☼	10/07/25 14:14	10/08/25 02:08	1
Perfluoroundecanoic acid (PFUnA)	**7.64**		0.19	0.096	ug/Kg	☼	10/07/25 14:14	10/08/25 02:08	1
Perfluorododecanoic acid (PFDoA)	**0.38**		0.19	0.096	ug/Kg	☼	10/07/25 14:14	10/08/25 02:08	1
Perfluorotridecanoic acid (PFTrDA)	**5.19**		0.19	0.096	ug/Kg	☼	10/07/25 14:14	10/08/25 02:08	1
Perfluorotetradecanoic acid (PFTeDA)	0.19	U	0.19	0.096	ug/Kg	☼	10/07/25 14:14	10/08/25 02:08	1
Perfluorobutanesulfonic acid (PFBS)	0.19	U	0.19	0.096	ug/Kg	☼	10/07/25 14:14	10/08/25 02:08	1
Perfluoropentanesulfonic acid (PFPeS)	0.19	U	0.19	0.096	ug/Kg	☼	10/07/25 14:14	10/08/25 02:08	1
Perfluorohexanesulfonic acid (PFHxS)	0.19	U	0.19	0.096	ug/Kg	☼	10/07/25 14:14	10/08/25 02:08	1
Perfluoroheptanesulfonic acid (PFHpS)	0.19	U	0.19	0.096	ug/Kg	☼	10/07/25 14:14	10/08/25 02:08	1
Perfluorooctanesulfonic acid (PFOS)	0.19	U	0.19	0.096	ug/Kg	☼	10/07/25 14:14	10/08/25 02:08	1
Perfluorononanesulfonic acid (PFNS)	0.19	U	0.19	0.096	ug/Kg	☼	10/07/25 14:14	10/08/25 02:08	1

Client Sample ID: 6B_0-6
Date Collected: 10/01/25 11:55
Date Received: 10/01/25 16:15

Lab Sample ID: 460-336212-13
Matrix: Solid
Percent Solids: 90.2

Method: EPA 1633A - Per- and Polyfluoroalkyl Substances by LC/MS/MS, 1633A (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Perfluorodecanesulfonic acid (PFDS)	0.19	U	0.19	0.096	ug/Kg	☼	10/07/25 14:14	10/08/25 02:08	1
Perfluorododecanesulfonic acid (PFDoS)	0.19	U	0.19	0.096	ug/Kg	☼	10/07/25 14:14	10/08/25 02:08	1
1H,1H,2H,2H-Perfluorohexane sulfonic acid (4:2 FTS)	0.38	U	0.38	0.19	ug/Kg	☼	10/07/25 14:14	10/08/25 02:08	1
1H,1H,2H,2H-Perfluorooctane sulfonic acid (6:2 FTS)	0.38	U	0.38	0.19	ug/Kg	☼	10/07/25 14:14	10/08/25 02:08	1
1H,1H,2H,2H-Perfluorodecane sulfonic acid (8:2 FTS)	**0.81**		0.38	0.19	ug/Kg	☼	10/07/25 14:14	10/08/25 02:08	1
Perfluorooctanesulfonamide (PFOSA)	0.19	U	0.19	0.096	ug/Kg	☼	10/07/25 14:14	10/08/25 02:08	1
N-methylperfluorooctane sulfonamide (NMeFOSA)	0.19	U	0.19	0.096	ug/Kg	☼	10/07/25 14:14	10/08/25 02:08	1
N-ethylperfluorooctane sulfonamide (NEtFOSA)	0.19	U	0.19	0.096	ug/Kg	☼	10/07/25 14:14	10/08/25 02:08	1
N-methylperfluorooctanesulfonamidoacetic acid (NMeFOSAA)	0.19	U	0.19	0.096	ug/Kg	☼	10/07/25 14:14	10/08/25 02:08	1
N-ethylperfluorooctanesulfonamidoacetic acid (NEtFOSAA)	0.19	U	0.19	0.096	ug/Kg	☼	10/07/25 14:14	10/08/25 02:08	1
N-methylperfluorooctane sulfonamidoethanol (NMeFOSE)	0.96	U	0.96	0.48	ug/Kg	☼	10/07/25 14:14	10/08/25 02:08	1
N-ethylperfluorooctane sulfonamidoethanol (NEtFOSE)	0.96	U	0.96	0.48	ug/Kg	☼	10/07/25 14:14	10/08/25 02:08	1
Hexafluoropropylene Oxide Dimer Acid (HFPO-DA)	0.19	U	0.19	0.096	ug/Kg	☼	10/07/25 14:14	10/08/25 02:08	1
4,8-Dioxa-3H-perfluorononanoic acid (ADONA)	0.19	U	0.19	0.096	ug/Kg	☼	10/07/25 14:14	10/08/25 02:08	1
Perfluoro-3-methoxypropanoic acid (PFMPA)	0.19	U	0.19	0.096	ug/Kg	☼	10/07/25 14:14	10/08/25 02:08	1
Perfluoro-4-methoxybutanoic acid (PFMBA)	0.19	U	0.19	0.096	ug/Kg	☼	10/07/25 14:14	10/08/25 02:08	1
Nonafluoro-3,6-dioxaheptanoic acid (NFDHA)	0.19	U	0.19	0.096	ug/Kg	☼	10/07/25 14:14	10/08/25 02:08	1
9-Chlorohexadecafluoro-3-oxanonane-1-sulfonic acid (9Cl-PF3ONS)	0.19	U	0.19	0.096	ug/Kg	☼	10/07/25 14:14	10/08/25 02:08	1
11-Chloroeicosafluoro-3-oxaundecane-1-sulfonic acid (11Cl-PF3OUdS)	0.19	U	0.19	0.096	ug/Kg	☼	10/07/25 14:14	10/08/25 02:08	1
Perfluoro (2-ethoxyethane) sulfonic acid (PFEESA)	0.19	U	0.19	0.096	ug/Kg	☼	10/07/25 14:14	10/08/25 02:08	1
3-Perfluoropropylpropanoic acid (3:3 FTCA)	0.38	U	0.38	0.19	ug/Kg	☼	10/07/25 14:14	10/08/25 02:08	1
3-Perfluoropentylpropanoic acid (5:3 FTCA)	0.96	U	0.96	0.48	ug/Kg	☼	10/07/25 14:14	10/08/25 02:08	1
3-Perfluoroheptylpropanoic acid (7:3 FTCA)	0.96	U	0.96	0.48	ug/Kg	☼	10/07/25 14:14	10/08/25 02:08	1

Isotope Dilution	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
13C4 PFBA	*87.2*		*8 - 130*	*10/07/25 14:14*	*10/08/25 02:08*	*1*
13C5 PFPeA	*97.0*		*35 - 130*	*10/07/25 14:14*	*10/08/25 02:08*	*1*
13C5 PFHxA	*86.4*		*40 - 130*	*10/07/25 14:14*	*10/08/25 02:08*	*1*
13C4 PFHpA	*92.7*		*40 - 130*	*10/07/25 14:14*	*10/08/25 02:08*	*1*
13C8 PFOA	*84.6*		*40 - 130*	*10/07/25 14:14*	*10/08/25 02:08*	*1*
13C9 PFNA	*88.6*		*40 - 130*	*10/07/25 14:14*	*10/08/25 02:08*	*1*
13C6 PFDA	*86.7*		*40 - 130*	*10/07/25 14:14*	*10/08/25 02:08*	*1*
13C7 PFUnA	*82.9*		*40 - 130*	*10/07/25 14:14*	*10/08/25 02:08*	*1*
13C2 PFTeDA	*69.2*		*20 - 130*	*10/07/25 14:14*	*10/08/25 02:08*	*1*

Client Sample ID: 6B_0-6

Date Collected: 10/01/25 11:55
Date Received: 10/01/25 16:15

Lab Sample ID: 460-336212-13

Matrix: Solid
Percent Solids: 90.2

Method: EPA 1633A - Per- and Polyfluoroalkyl Substances by LC/MS/MS, 1633A (Continued)

Isotope Dilution	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
13C3 PFBS	81.3		40 - 135	10/07/25 14:14	10/08/25 02:08	1
13C3 PFHxS	84.8		40 - 130	10/07/25 14:14	10/08/25 02:08	1
13C8 PFOS	85.1		40 - 130	10/07/25 14:14	10/08/25 02:08	1
13C8 FOSA	47.4		40 - 130	10/07/25 14:14	10/08/25 02:08	1
d3-NMeFOSAA	48.3		40 - 135	10/07/25 14:14	10/08/25 02:08	1
d5-NEtFOSAA	45.9		40 - 150	10/07/25 14:14	10/08/25 02:08	1
13C2 4:2 FTS	77.1		40 - 165	10/07/25 14:14	10/08/25 02:08	1
13C2 6:2 FTS	85.4		40 - 215	10/07/25 14:14	10/08/25 02:08	1
13C2 8:2 FTS	67.5		40 - 275	10/07/25 14:14	10/08/25 02:08	1
13C3 HFPO-DA	89.9		40 - 130	10/07/25 14:14	10/08/25 02:08	1
d7-N-MeFOSE-M	38.8		20 - 130	10/07/25 14:14	10/08/25 02:08	1
d9-N-EtFOSE-M	36.6		15 - 130	10/07/25 14:14	10/08/25 02:08	1
d5-NEtPFOSA	41.1		10 - 130	10/07/25 14:14	10/08/25 02:08	1
d3-NMePFOSA	41.6		10 - 130	10/07/25 14:14	10/08/25 02:08	1
13C2 PFDoA	77.4		40 - 130	10/07/25 14:14	10/08/25 02:08	1

Method: SW846 6020B - Metals (ICP/MS)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Aluminum	8690		20.2	5.5	mg/Kg	☼	10/07/25 06:40	10/08/25 22:37	1
Antimony	0.44	J	1.0	0.15	mg/Kg	☼	10/07/25 06:40	10/08/25 22:37	1
Arsenic	6.1		1.0	0.10	mg/Kg	☼	10/07/25 06:40	10/08/25 22:37	1
Barium	80.1		2.0	0.15	mg/Kg	☼	10/07/25 06:40	10/08/25 22:37	1
Beryllium	1.1		0.40	0.022	mg/Kg	☼	10/07/25 06:40	10/08/25 22:37	1
Cadmium	0.27	J	1.0	0.11	mg/Kg	☼	10/07/25 06:40	10/08/25 22:37	1
Calcium	2020		101	9.8	mg/Kg	☼	10/07/25 06:40	10/08/25 22:37	1
Chromium	25.5		2.0	0.30	mg/Kg	☼	10/07/25 06:40	10/08/25 22:37	1
Cobalt	13.0		1.0	0.15	mg/Kg	☼	10/07/25 06:40	10/08/25 22:37	1
Copper	86.2		2.0	0.37	mg/Kg	☼	10/07/25 06:40	10/08/25 22:37	1
Iron	22000		60.5	7.7	mg/Kg	☼	10/07/25 06:40	10/08/25 22:37	1
Lead	111		0.60	0.20	mg/Kg	☼	10/07/25 06:40	10/08/25 22:37	1
Magnesium	2920		101	10.3	mg/Kg	☼	10/07/25 06:40	10/08/25 22:37	1
Manganese	358		4.0	0.41	mg/Kg	☼	10/07/25 06:40	10/08/25 22:37	1
Nickel	43.3		2.0	0.18	mg/Kg	☼	10/07/25 06:40	10/08/25 22:37	1
Potassium	1340		101	16.3	mg/Kg	☼	10/07/25 06:40	10/08/25 22:37	1
Selenium	0.58	J	1.3	0.13	mg/Kg	☼	10/07/25 06:40	10/08/25 22:37	1
Silver	0.16	J	0.40	0.090	mg/Kg	☼	10/07/25 06:40	10/08/25 22:37	1
Sodium	111		101	46.0	mg/Kg	☼	10/07/25 06:40	10/08/25 22:37	1
Thallium	0.13	J	0.40	0.041	mg/Kg	☼	10/07/25 06:40	10/08/25 22:37	1
Vanadium	24.7		2.0	0.21	mg/Kg	☼	10/07/25 06:40	10/08/25 22:37	1
Zinc	317		8.1	1.1	mg/Kg	☼	10/07/25 06:40	10/08/25 22:37	1

Method: SW846 7471B - Mercury (CVAA)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	0.022		0.018	0.0084	mg/Kg	☼	10/09/25 01:54	10/09/25 07:45	1

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Percent Moisture (EPA Moisture)	9.8		1.0	1.0	%			10/06/25 16:57	1
Percent Solids (EPA Moisture)	90.2		1.0	1.0	%			10/06/25 16:57	1

Client Sample ID: 6B_6-12
Date Collected: 10/01/25 12:00
Date Received: 10/01/25 16:15

Lab Sample ID: 460-336212-14
Matrix: Solid
Percent Solids: 88.5

Method: SW846 8270E - Semivolatile Organic Compounds (GC/MS)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1'-Biphenyl	0.37	U	0.37	0.013	mg/Kg	☼	10/02/25 18:11	10/03/25 22:56	1
1,2,4,5-Tetrachlorobenzene	0.37	U	0.37	0.012	mg/Kg	☼	10/02/25 18:11	10/03/25 22:56	1
1,4-Dioxane	0.037	U	0.037	0.033	mg/Kg	☼	10/02/25 18:11	10/03/25 22:56	1
2,2'-oxybis[1-chloropropane]	0.37	U	0.37	0.022	mg/Kg	☼	10/02/25 18:11	10/03/25 22:56	1
2,3,4,6-Tetrachlorophenol	0.37	U	0.37	0.025	mg/Kg	☼	10/02/25 18:11	10/03/25 22:56	1
2,4,5-Trichlorophenol	0.37	U	0.37	0.038	mg/Kg	☼	10/02/25 18:11	10/03/25 22:56	1
2,4,6-Trichlorophenol	0.15	U	0.15	0.048	mg/Kg	☼	10/02/25 18:11	10/03/25 22:56	1
2,4-Dichlorophenol	0.15	U	0.15	0.024	mg/Kg	☼	10/02/25 18:11	10/03/25 22:56	1
2,4-Dimethylphenol	0.37	U	0.37	0.045	mg/Kg	☼	10/02/25 18:11	10/03/25 22:56	1
2,4-Dinitrophenol	0.30	U	0.30	0.18	mg/Kg	☼	10/02/25 18:11	10/03/25 22:56	1
2,4-Dinitrotoluene	0.076	U	0.076	0.040	mg/Kg	☼	10/02/25 18:11	10/03/25 22:56	1
2,6-Dinitrotoluene	0.076	U	0.076	0.027	mg/Kg	☼	10/02/25 18:11	10/03/25 22:56	1
2-Chloronaphthalene	0.37	U	0.37	0.048	mg/Kg	☼	10/02/25 18:11	10/03/25 22:56	1
2-Chlorophenol	0.37	U	0.37	0.013	mg/Kg	☼	10/02/25 18:11	10/03/25 22:56	1
2-Methylnaphthalene	0.37	U	0.37	0.010	mg/Kg	☼	10/02/25 18:11	10/03/25 22:56	1
2-Methylphenol	0.37	U	0.37	0.014	mg/Kg	☼	10/02/25 18:11	10/03/25 22:56	1
2-Nitroaniline	0.37	U	0.37	0.028	mg/Kg	☼	10/02/25 18:11	10/03/25 22:56	1
2-Nitrophenol	0.37	U	0.37	0.037	mg/Kg	☼	10/02/25 18:11	10/03/25 22:56	1
3 & 4 Methylphenol	0.37	U	0.37	0.023	mg/Kg	☼	10/02/25 18:11	10/03/25 22:56	1
3,3'-Dichlorobenzidine	0.15	U	0.15	0.056	mg/Kg	☼	10/02/25 18:11	10/03/25 22:56	1
3-Nitroaniline	0.37	U	0.37	0.089	mg/Kg	☼	10/02/25 18:11	10/03/25 22:56	1
4,6-Dinitro-2-methylphenol	0.30	U	0.30	0.15	mg/Kg	☼	10/02/25 18:11	10/03/25 22:56	1
4-Bromophenyl phenyl ether	0.37	U	0.37	0.015	mg/Kg	☼	10/02/25 18:11	10/03/25 22:56	1
4-Chloro-3-methylphenol	0.37	U	0.37	0.021	mg/Kg	☼	10/02/25 18:11	10/03/25 22:56	1
4-Chloroaniline	0.37	U	0.37	0.066	mg/Kg	☼	10/02/25 18:11	10/03/25 22:56	1
4-Chlorophenyl phenyl ether	0.37	U	0.37	0.013	mg/Kg	☼	10/02/25 18:11	10/03/25 22:56	1
4-Methylphenol	0.37	U	0.37	0.023	mg/Kg	☼	10/02/25 18:11	10/03/25 22:56	1
4-Nitroaniline	0.37	U	0.37	0.095	mg/Kg	☼	10/02/25 18:11	10/03/25 22:56	1
4-Nitrophenol	0.76	U	0.76	0.061	mg/Kg	☼	10/02/25 18:11	10/03/25 22:56	1
Acenaphthene	0.37	U	0.37	0.011	mg/Kg	☼	10/02/25 18:11	10/03/25 22:56	1
Acenaphthylene	0.37	U	0.37	0.011	mg/Kg	☼	10/02/25 18:11	10/03/25 22:56	1
Acetophenone	0.37	U	0.37	0.018	mg/Kg	☼	10/02/25 18:11	10/03/25 22:56	1
Anthracene	0.37	U	0.37	0.011	mg/Kg	☼	10/02/25 18:11	10/03/25 22:56	1
Atrazine	0.15	U	0.15	0.022	mg/Kg	☼	10/02/25 18:11	10/03/25 22:56	1
Benzaldehyde	0.37	U	0.37	0.062	mg/Kg	☼	10/02/25 18:11	10/03/25 22:56	1
Benzo[a]anthracene	0.037	U	0.037	0.028	mg/Kg	☼	10/02/25 18:11	10/03/25 22:56	1
Benzo[a]pyrene	0.037	U	0.037	0.010	mg/Kg	☼	10/02/25 18:11	10/03/25 22:56	1
Benzo[b]fluoranthene	0.037	U	0.037	0.0097	mg/Kg	☼	10/02/25 18:11	10/03/25 22:56	1
Benzo[g,h,i]perylene	0.37	U	0.37	0.011	mg/Kg	☼	10/02/25 18:11	10/03/25 22:56	1
Benzo[k]fluoranthene	0.037	U	0.037	0.0073	mg/Kg	☼	10/02/25 18:11	10/03/25 22:56	1
Bis(2-chloroethoxy)methane	0.37	U	0.37	0.069	mg/Kg	☼	10/02/25 18:11	10/03/25 22:56	1
Bis(2-chloroethyl)ether	0.037	U	0.037	0.013	mg/Kg	☼	10/02/25 18:11	10/03/25 22:56	1
Bis(2-ethylhexyl) phthalate	0.37	U	0.37	0.020	mg/Kg	☼	10/02/25 18:11	10/03/25 22:56	1
Butyl benzyl phthalate	0.37	U	0.37	0.018	mg/Kg	☼	10/02/25 18:11	10/03/25 22:56	1
Caprolactam	0.37	U	0.37	0.058	mg/Kg	☼	10/02/25 18:11	10/03/25 22:56	1
Carbazole	0.37	U	0.37	0.014	mg/Kg	☼	10/02/25 18:11	10/03/25 22:56	1
Chrysene	0.37	U	0.37	0.016	mg/Kg	☼	10/02/25 18:11	10/03/25 22:56	1
Dibenz(a,h)anthracene	0.037	U	0.037	0.016	mg/Kg	☼	10/02/25 18:11	10/03/25 22:56	1
Dibenzofuran	0.37	U	0.37	0.012	mg/Kg	☼	10/02/25 18:11	10/03/25 22:56	1

Client Sample ID: 6B_6-12
Date Collected: 10/01/25 12:00
Date Received: 10/01/25 16:15

Lab Sample ID: 460-336212-14
Matrix: Solid
Percent Solids: 88.5

Method: SW846 8270E - Semivolatile Organic Compounds (GC/MS) (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Diethyl phthalate	0.37	U	0.37	0.012	mg/Kg	☼	10/02/25 18:11	10/03/25 22:56	1
Dimethyl phthalate	0.37	U	0.37	0.085	mg/Kg	☼	10/02/25 18:11	10/03/25 22:56	1
Di-n-butyl phthalate	0.37	U	0.37	0.014	mg/Kg	☼	10/02/25 18:11	10/03/25 22:56	1
Di-n-octyl phthalate	0.37	U	0.37	0.020	mg/Kg	☼	10/02/25 18:11	10/03/25 22:56	1
Fluoranthene	0.37	U	0.37	0.013	mg/Kg	☼	10/02/25 18:11	10/03/25 22:56	1
Fluorene	0.37	U	0.37	0.011	mg/Kg	☼	10/02/25 18:11	10/03/25 22:56	1
Hexachlorobenzene	0.037	U	0.037	0.018	mg/Kg	☼	10/02/25 18:11	10/03/25 22:56	1
Hexachlorobutadiene	0.076	U	0.076	0.0080	mg/Kg	☼	10/02/25 18:11	10/03/25 22:56	1
Hexachlorocyclopentadiene	0.37	U	0.37	0.033	mg/Kg	☼	10/02/25 18:11	10/03/25 22:56	1
Hexachloroethane	0.037	U	0.037	0.013	mg/Kg	☼	10/02/25 18:11	10/03/25 22:56	1
Indeno[1,2,3-cd]pyrene	0.037	U	0.037	0.015	mg/Kg	☼	10/02/25 18:11	10/03/25 22:56	1
Isophorone	0.15	U	0.15	0.11	mg/Kg	☼	10/02/25 18:11	10/03/25 22:56	1
Naphthalene	0.37	U	0.37	0.0065	mg/Kg	☼	10/02/25 18:11	10/03/25 22:56	1
Nitrobenzene	0.037	U	0.037	0.021	mg/Kg	☼	10/02/25 18:11	10/03/25 22:56	1
N-Nitrosodi-n-propylamine	0.037	U	0.037	0.027	mg/Kg	☼	10/02/25 18:11	10/03/25 22:56	1
N-Nitrosodiphenylamine	0.37	U	0.37	0.031	mg/Kg	☼	10/02/25 18:11	10/03/25 22:56	1
Pentachlorophenol	0.30	U	0.30	0.077	mg/Kg	☼	10/02/25 18:11	10/03/25 22:56	1
Phenanthrene	0.37	U	0.37	0.015	mg/Kg	☼	10/02/25 18:11	10/03/25 22:56	1
Phenol	0.37	U	0.37	0.014	mg/Kg	☼	10/02/25 18:11	10/03/25 22:56	1
Pyrene	0.37	U	0.37	0.0093	mg/Kg	☼	10/02/25 18:11	10/03/25 22:56	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
2,4,6-Tribromophenol (Surr)	*59*		*18 - 137*	*10/02/25 18:11*	*10/03/25 22:56*	*1*
2-Fluorobiphenyl	*61*		*33 - 117*	*10/02/25 18:11*	*10/03/25 22:56*	*1*
2-Fluorophenol (Surr)	*64*		*24 - 120*	*10/02/25 18:11*	*10/03/25 22:56*	*1*
Nitrobenzene-d5 (Surr)	*63*		*27 - 120*	*10/02/25 18:11*	*10/03/25 22:56*	*1*
Phenol-d5 (Surr)	*63*		*28 - 118*	*10/02/25 18:11*	*10/03/25 22:56*	*1*
Terphenyl-d14 (Surr)	*70*		*33 - 124*	*10/02/25 18:11*	*10/03/25 22:56*	*1*

Method: SW846 8081B - Organochlorine Pesticides (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
4,4'-DDD	0.0076	U	0.0076	0.0013	mg/Kg	☼	10/02/25 18:00	10/03/25 12:51	1
4,4'-DDE	0.0076	U	0.0076	0.00089	mg/Kg	☼	10/02/25 18:00	10/03/25 12:51	1
4,4'-DDT	0.0076	U	0.0076	0.0014	mg/Kg	☼	10/02/25 18:00	10/03/25 12:51	1
Aldrin	0.0076	U	0.0076	0.0011	mg/Kg	☼	10/02/25 18:00	10/03/25 12:51	1
alpha-BHC	0.0023	U	0.0023	0.00077	mg/Kg	☼	10/02/25 18:00	10/03/25 12:51	1
beta-BHC	0.0023	U	0.0023	0.00085	mg/Kg	☼	10/02/25 18:00	10/03/25 12:51	1
Chlordane (technical)	0.076	U	0.076	0.018	mg/Kg	☼	10/02/25 18:00	10/03/25 12:51	1
cis-Chlordane	0.0076	U	0.0076	0.0012	mg/Kg	☼	10/02/25 18:00	10/03/25 12:51	1
delta-BHC	0.0023	U	0.0023	0.00046	mg/Kg	☼	10/02/25 18:00	10/03/25 12:51	1
Dieldrin	0.0023	U	0.0023	0.00098	mg/Kg	☼	10/02/25 18:00	10/03/25 12:51	1
Endosulfan I	0.0076	U	0.0076	0.0012	mg/Kg	☼	10/02/25 18:00	10/03/25 12:51	1
Endosulfan II	0.0076	U	0.0076	0.0019	mg/Kg	☼	10/02/25 18:00	10/03/25 12:51	1
Endosulfan sulfate	0.0076	U	0.0076	0.00095	mg/Kg	☼	10/02/25 18:00	10/03/25 12:51	1
Endrin	0.0076	U	0.0076	0.0011	mg/Kg	☼	10/02/25 18:00	10/03/25 12:51	1
Endrin aldehyde	0.0076	U	0.0076	0.0018	mg/Kg	☼	10/02/25 18:00	10/03/25 12:51	1
Endrin ketone	0.0076	U	0.0076	0.0015	mg/Kg	☼	10/02/25 18:00	10/03/25 12:51	1
gamma-BHC (Lindane)	0.0023	U	0.0023	0.00070	mg/Kg	☼	10/02/25 18:00	10/03/25 12:51	1
Heptachlor	0.0076	U	0.0076	0.00089	mg/Kg	☼	10/02/25 18:00	10/03/25 12:51	1
Heptachlor epoxide	0.0076	U	0.0076	0.0011	mg/Kg	☼	10/02/25 18:00	10/03/25 12:51	1

Client Sample ID: 6B_6-12
Date Collected: 10/01/25 12:00
Date Received: 10/01/25 16:15

Lab Sample ID: 460-336212-14
Matrix: Solid
Percent Solids: 88.5

Method: SW846 8081B - Organochlorine Pesticides (GC) (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Methoxychlor	0.0076	U	0.0076	0.0017	mg/Kg	☼	10/02/25 18:00	10/03/25 12:51	1
Toxaphene	0.076	U	0.076	0.027	mg/Kg	☼	10/02/25 18:00	10/03/25 12:51	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
DCB Decachlorobiphenyl	*80*		*10 - 150*	*10/02/25 18:00*	*10/03/25 12:51*	*1*
DCB Decachlorobiphenyl	*95*		*10 - 150*	*10/02/25 18:00*	*10/03/25 12:51*	*1*
Tetrachloro-m-xylene	*82*		*14 - 150*	*10/02/25 18:00*	*10/03/25 12:51*	*1*
Tetrachloro-m-xylene	*79*		*14 - 150*	*10/02/25 18:00*	*10/03/25 12:51*	*1*

Method: SW846 8082A - Polychlorinated Biphenyls (PCBs) by Gas Chromatography

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Aroclor 1016	0.076	U	0.076	0.020	mg/Kg	☼	10/02/25 17:41	10/03/25 19:14	1
Aroclor 1221	0.076	U	0.076	0.020	mg/Kg	☼	10/02/25 17:41	10/03/25 19:14	1
Aroclor 1232	0.076	U	0.076	0.020	mg/Kg	☼	10/02/25 17:41	10/03/25 19:14	1
Aroclor 1242	0.076	U	0.076	0.020	mg/Kg	☼	10/02/25 17:41	10/03/25 19:14	1
Aroclor 1248	0.076	U	0.076	0.020	mg/Kg	☼	10/02/25 17:41	10/03/25 19:14	1
Aroclor 1254	0.076	U	0.076	0.020	mg/Kg	☼	10/02/25 17:41	10/03/25 19:14	1
Aroclor 1260	0.076	U	0.076	0.020	mg/Kg	☼	10/02/25 17:41	10/03/25 19:14	1
Aroclor-1262	0.076	U	0.076	0.020	mg/Kg	☼	10/02/25 17:41	10/03/25 19:14	1
Aroclor 1268	0.076	U	0.076	0.020	mg/Kg	☼	10/02/25 17:41	10/03/25 19:14	1
Polychlorinated biphenyls, Total	0.076	U	0.076	0.020	mg/Kg	☼	10/02/25 17:41	10/03/25 19:14	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
DCB Decachlorobiphenyl	*133*		*10 - 150*	*10/02/25 17:41*	*10/03/25 19:14*	*1*
DCB Decachlorobiphenyl	*142*		*10 - 150*	*10/02/25 17:41*	*10/03/25 19:14*	*1*
Tetrachloro-m-xylene	*127*		*10 - 150*	*10/02/25 17:41*	*10/03/25 19:14*	*1*
Tetrachloro-m-xylene	*136*		*10 - 150*	*10/02/25 17:41*	*10/03/25 19:14*	*1*

Method: EPA 1633A - Per- and Polyfluoroalkyl Substances by LC/MS/MS, 1633A

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Perfluorobutanoic acid (PFBA)	0.40	U	0.40	0.10	ug/Kg	☼	10/07/25 14:14	10/08/25 02:22	1
Perfluoropentanoic acid (PFPeA)	0.20	U	0.20	0.10	ug/Kg	☼	10/07/25 14:14	10/08/25 02:22	1
Perfluorohexanoic acid (PFHxA)	**0.10**	**J**	0.20	0.10	ug/Kg	☼	10/07/25 14:14	10/08/25 02:22	1
Perfluoroheptanoic acid (PFHpA)	**0.29**		0.20	0.10	ug/Kg	☼	10/07/25 14:14	10/08/25 02:22	1
Perfluorooctanoic acid (PFOA)	**0.28**		0.20	0.060	ug/Kg	☼	10/07/25 14:14	10/08/25 02:22	1
Perfluorononanoic acid (PFNA)	**18.6**		0.20	0.10	ug/Kg	☼	10/07/25 14:14	10/08/25 02:22	1
Perfluorodecanoic acid (PFDA)	**0.81**		0.20	0.060	ug/Kg	☼	10/07/25 14:14	10/08/25 02:22	1
Perfluorododecanoic acid (PFDoA)	**0.63**		0.20	0.10	ug/Kg	☼	10/07/25 14:14	10/08/25 02:22	1
Perfluorotridecanoic acid (PFTrDA)	**24.8**		0.20	0.10	ug/Kg	☼	10/07/25 14:14	10/08/25 02:22	1
Perfluorotetradecanoic acid (PFTeDA)	**0.29**		0.20	0.10	ug/Kg	☼	10/07/25 14:14	10/08/25 02:22	1
Perfluorobutanesulfonic acid (PFBS)	0.20	U	0.20	0.10	ug/Kg	☼	10/07/25 14:14	10/08/25 02:22	1
Perfluoropentanesulfonic acid (PFPeS)	0.20	U	0.20	0.10	ug/Kg	☼	10/07/25 14:14	10/08/25 02:22	1
Perfluorohexanesulfonic acid (PFHxS)	0.20	U	0.20	0.10	ug/Kg	☼	10/07/25 14:14	10/08/25 02:22	1
Perfluoroheptanesulfonic acid (PFHpS)	0.20	U	0.20	0.10	ug/Kg	☼	10/07/25 14:14	10/08/25 02:22	1
Perfluorooctanesulfonic acid (PFOS)	0.20	U	0.20	0.10	ug/Kg	☼	10/07/25 14:14	10/08/25 02:22	1
Perfluorononanesulfonic acid (PFNS)	0.20	U	0.20	0.10	ug/Kg	☼	10/07/25 14:14	10/08/25 02:22	1
Perfluorodecanesulfonic acid (PFDS)	0.20	U	0.20	0.10	ug/Kg	☼	10/07/25 14:14	10/08/25 02:22	1

Client Sample ID: 6B_6-12
Date Collected: 10/01/25 12:00
Date Received: 10/01/25 16:15

Lab Sample ID: 460-336212-14
Matrix: Solid
Percent Solids: 88.5

Method: EPA 1633A - Per- and Polyfluoroalkyl Substances by LC/MS/MS, 1633A (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Perfluorododecanesulfonic acid (PFDoS)	0.20	U	0.20	0.10	ug/Kg	☼	10/07/25 14:14	10/08/25 02:22	1
1H,1H,2H,2H-Perfluorohexane sulfonic acid (4:2 FTS)	0.40	U	0.40	0.20	ug/Kg	☼	10/07/25 14:14	10/08/25 02:22	1
1H,1H,2H,2H-Perfluorooctane sulfonic acid (6:2 FTS)	0.40	U	0.40	0.20	ug/Kg	☼	10/07/25 14:14	10/08/25 02:22	1
1H,1H,2H,2H-Perfluorodecane sulfonic acid (8:2 FTS)	0.40	U	0.40	0.20	ug/Kg	☼	10/07/25 14:14	10/08/25 02:22	1
Perfluorooctanesulfonamide (PFOSA)	0.20	U	0.20	0.10	ug/Kg	☼	10/07/25 14:14	10/08/25 02:22	1
N-methylperfluorooctane sulfonamide (NMeFOSA)	0.20	U	0.20	0.10	ug/Kg	☼	10/07/25 14:14	10/08/25 02:22	1
N-ethylperfluorooctane sulfonamide (NEtFOSA)	0.20	U	0.20	0.10	ug/Kg	☼	10/07/25 14:14	10/08/25 02:22	1
N-methylperfluorooctanesulfonamidoacetic acid (NMeFOSAA)	0.20	U	0.20	0.10	ug/Kg	☼	10/07/25 14:14	10/08/25 02:22	1
N-ethylperfluorooctanesulfonamidoacetic acid (NEtFOSAA)	0.20	U	0.20	0.10	ug/Kg	☼	10/07/25 14:14	10/08/25 02:22	1
N-methylperfluorooctane sulfonamidoethanol (NMeFOSE)	1.0	U	1.0	0.50	ug/Kg	☼	10/07/25 14:14	10/08/25 02:22	1
N-ethylperfluorooctane sulfonamidoethanol (NEtFOSE)	1.0	U	1.0	0.50	ug/Kg	☼	10/07/25 14:14	10/08/25 02:22	1
Hexafluoropropylene Oxide Dimer Acid (HFPO-DA)	0.20	U	0.20	0.10	ug/Kg	☼	10/07/25 14:14	10/08/25 02:22	1
4,8-Dioxa-3H-perfluorononanoic acid (ADONA)	0.20	U	0.20	0.10	ug/Kg	☼	10/07/25 14:14	10/08/25 02:22	1
Perfluoro-3-methoxypropanoic acid (PFMPA)	0.20	U	0.20	0.10	ug/Kg	☼	10/07/25 14:14	10/08/25 02:22	1
Perfluoro-4-methoxybutanoic acid (PFMBA)	0.20	U	0.20	0.10	ug/Kg	☼	10/07/25 14:14	10/08/25 02:22	1
Nonafluoro-3,6-dioxaheptanoic acid (NFDHA)	0.20	U	0.20	0.10	ug/Kg	☼	10/07/25 14:14	10/08/25 02:22	1
9-Chlorohexadecafluoro-3-oxanonane-1-sulfonic acid (9Cl-PF3ONS)	0.20	U	0.20	0.10	ug/Kg	☼	10/07/25 14:14	10/08/25 02:22	1
11-Chloroeicosafluoro-3-oxaundecane-1-sulfonic acid (11Cl-PF3OUdS)	0.20	U	0.20	0.10	ug/Kg	☼	10/07/25 14:14	10/08/25 02:22	1
Perfluoro (2-ethoxyethane) sulfonic acid (PFEESA)	0.20	U	0.20	0.10	ug/Kg	☼	10/07/25 14:14	10/08/25 02:22	1
3-Perfluoropropylpropanoic acid (3:3 FTCA)	0.40	U	0.40	0.20	ug/Kg	☼	10/07/25 14:14	10/08/25 02:22	1
3-Perfluoropentylpropanoic acid (5:3 FTCA)	1.0	U	1.0	0.50	ug/Kg	☼	10/07/25 14:14	10/08/25 02:22	1
3-Perfluoroheptylpropanoic acid (7:3 FTCA)	1.0	U	1.0	0.50	ug/Kg	☼	10/07/25 14:14	10/08/25 02:22	1

Isotope Dilution	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
13C4 PFBA	*101*		*8 - 130*	*10/07/25 14:14*	*10/08/25 02:22*	*1*
13C5 PFPeA	*115*		*35 - 130*	*10/07/25 14:14*	*10/08/25 02:22*	*1*
13C5 PFHxA	*101*		*40 - 130*	*10/07/25 14:14*	*10/08/25 02:22*	*1*
13C4 PFHpA	*103*		*40 - 130*	*10/07/25 14:14*	*10/08/25 02:22*	*1*
13C8 PFOA	*100*		*40 - 130*	*10/07/25 14:14*	*10/08/25 02:22*	*1*
13C9 PFNA	*98.1*		*40 - 130*	*10/07/25 14:14*	*10/08/25 02:22*	*1*
13C6 PFDA	*98.2*		*40 - 130*	*10/07/25 14:14*	*10/08/25 02:22*	*1*
13C2 PFTeDA	*80.2*		*20 - 130*	*10/07/25 14:14*	*10/08/25 02:22*	*1*
13C3 PFBS	*100*		*40 - 135*	*10/07/25 14:14*	*10/08/25 02:22*	*1*
13C3 PFHxS	*99.0*		*40 - 130*	*10/07/25 14:14*	*10/08/25 02:22*	*1*

Client Sample ID: 6B_6-12
Date Collected: 10/01/25 12:00
Date Received: 10/01/25 16:15

Lab Sample ID: 460-336212-14
Matrix: Solid
Percent Solids: 88.5

Method: EPA 1633A - Per- and Polyfluoroalkyl Substances by LC/MS/MS, 1633A (Continued)

Isotope Dilution	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
13C8 PFOS	95.7		40 - 130	10/07/25 14:14	10/08/25 02:22	1
13C8 FOSA	56.3		40 - 130	10/07/25 14:14	10/08/25 02:22	1
d3-NMeFOSAA	57.4		40 - 135	10/07/25 14:14	10/08/25 02:22	1
d5-NEtFOSAA	54.4		40 - 150	10/07/25 14:14	10/08/25 02:22	1
13C2 4:2 FTS	96.0		40 - 165	10/07/25 14:14	10/08/25 02:22	1
13C2 6:2 FTS	105		40 - 215	10/07/25 14:14	10/08/25 02:22	1
13C2 8:2 FTS	83.3		40 - 275	10/07/25 14:14	10/08/25 02:22	1
13C3 HFPO-DA	97.0		40 - 130	10/07/25 14:14	10/08/25 02:22	1
d7-N-MeFOSE-M	41.6		20 - 130	10/07/25 14:14	10/08/25 02:22	1
d9-N-EtFOSE-M	37.7		15 - 130	10/07/25 14:14	10/08/25 02:22	1
d5-NEtPFOSA	47.7		10 - 130	10/07/25 14:14	10/08/25 02:22	1
d3-NMePFOSA	49.7		10 - 130	10/07/25 14:14	10/08/25 02:22	1
13C2 PFDoA	88.8		40 - 130	10/07/25 14:14	10/08/25 02:22	1

Method: EPA 1633A - Per- and Polyfluoroalkyl Substances by LC/MS/MS, 1633A - DL

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Perfluoroundecanoic acid (PFUnA)	43.3		1.99	1.0	ug/Kg	☼	10/07/25 14:14	10/08/25 10:44	10

Isotope Dilution	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
13C7 PFUnA	84.2		40 - 130	10/07/25 14:14	10/08/25 10:44	10

Method: SW846 6020B - Metals (ICP/MS)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Aluminum	8930		20.7	5.7	mg/Kg	☼	10/07/25 06:40	10/08/25 22:40	1
Antimony	0.29	J	1.0	0.15	mg/Kg	☼	10/07/25 06:40	10/08/25 22:40	1
Arsenic	4.9		1.0	0.11	mg/Kg	☼	10/07/25 06:40	10/08/25 22:40	1
Barium	80.0		2.1	0.15	mg/Kg	☼	10/07/25 06:40	10/08/25 22:40	1
Beryllium	0.71		0.41	0.023	mg/Kg	☼	10/07/25 06:40	10/08/25 22:40	1
Cadmium	0.12	J	1.0	0.12	mg/Kg	☼	10/07/25 06:40	10/08/25 22:40	1
Calcium	1560		104	10.1	mg/Kg	☼	10/07/25 06:40	10/08/25 22:40	1
Chromium	19.3		2.1	0.31	mg/Kg	☼	10/07/25 06:40	10/08/25 22:40	1
Cobalt	8.0		1.0	0.15	mg/Kg	☼	10/07/25 06:40	10/08/25 22:40	1
Copper	29.6		2.1	0.38	mg/Kg	☼	10/07/25 06:40	10/08/25 22:40	1
Iron	19900		62.2	7.9	mg/Kg	☼	10/07/25 06:40	10/08/25 22:40	1
Lead	49.0		0.62	0.21	mg/Kg	☼	10/07/25 06:40	10/08/25 22:40	1
Magnesium	3390		104	10.6	mg/Kg	☼	10/07/25 06:40	10/08/25 22:40	1
Manganese	400		4.1	0.42	mg/Kg	☼	10/07/25 06:40	10/08/25 22:40	1
Nickel	19.8		2.1	0.18	mg/Kg	☼	10/07/25 06:40	10/08/25 22:40	1
Potassium	1450		104	16.8	mg/Kg	☼	10/07/25 06:40	10/08/25 22:40	1
Selenium	0.14	J	1.3	0.13	mg/Kg	☼	10/07/25 06:40	10/08/25 22:40	1
Silver	0.41	U	0.41	0.092	mg/Kg	☼	10/07/25 06:40	10/08/25 22:40	1
Sodium	108		104	47.4	mg/Kg	☼	10/07/25 06:40	10/08/25 22:40	1
Thallium	0.14	J	0.41	0.043	mg/Kg	☼	10/07/25 06:40	10/08/25 22:40	1
Vanadium	24.6		2.1	0.21	mg/Kg	☼	10/07/25 06:40	10/08/25 22:40	1
Zinc	68.1		8.3	1.1	mg/Kg	☼	10/07/25 06:40	10/08/25 22:40	1

Method: SW846 7471B - Mercury (CVAA)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	0.016	J	0.018	0.0085	mg/Kg	☼	10/09/25 01:54	10/09/25 07:48	1

Client Sample ID: 6B_6-12

Date Collected: 10/01/25 12:00
Date Received: 10/01/25 16:15

Lab Sample ID: 460-336212-14

Matrix: Solid
Percent Solids: 88.5

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Percent Moisture (EPA Moisture)	11.5		1.0	1.0	%			10/06/25 16:57	1
Percent Solids (EPA Moisture)	88.5		1.0	1.0	%			10/06/25 16:57	1

Client Sample ID: 6C_0-6

Date Collected: 10/01/25 12:05
Date Received: 10/01/25 16:15

Lab Sample ID: 460-336212-15

Matrix: Solid
Percent Solids: 92.7

Method: SW846 8270E - Semivolatile Organic Compounds (GC/MS)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1'-Biphenyl	0.36	U	0.36	0.012	mg/Kg	☼	10/02/25 18:11	10/03/25 23:40	1
1,2,4,5-Tetrachlorobenzene	0.36	U	0.36	0.011	mg/Kg	☼	10/02/25 18:11	10/03/25 23:40	1
1,4-Dioxane	0.036	U	0.036	0.031	mg/Kg	☼	10/02/25 18:11	10/03/25 23:40	1
2,2'-oxybis[1-chloropropane]	0.36	U	0.36	0.021	mg/Kg	☼	10/02/25 18:11	10/03/25 23:40	1
2,3,4,6-Tetrachlorophenol	0.36	U	0.36	0.024	mg/Kg	☼	10/02/25 18:11	10/03/25 23:40	1
2,4,5-Trichlorophenol	0.36	U	0.36	0.036	mg/Kg	☼	10/02/25 18:11	10/03/25 23:40	1
2,4,6-Trichlorophenol	0.14	U	0.14	0.046	mg/Kg	☼	10/02/25 18:11	10/03/25 23:40	1
2,4-Dichlorophenol	0.14	U	0.14	0.023	mg/Kg	☼	10/02/25 18:11	10/03/25 23:40	1
2,4-Dimethylphenol	0.36	U	0.36	0.043	mg/Kg	☼	10/02/25 18:11	10/03/25 23:40	1
2,4-Dinitrophenol	0.29	U	0.29	0.18	mg/Kg	☼	10/02/25 18:11	10/03/25 23:40	1
2,4-Dinitrotoluene	0.072	U	0.072	0.038	mg/Kg	☼	10/02/25 18:11	10/03/25 23:40	1
2,6-Dinitrotoluene	0.072	U	0.072	0.026	mg/Kg	☼	10/02/25 18:11	10/03/25 23:40	1
2-Chloronaphthalene	0.36	U	0.36	0.046	mg/Kg	☼	10/02/25 18:11	10/03/25 23:40	1
2-Chlorophenol	0.36	U	0.36	0.013	mg/Kg	☼	10/02/25 18:11	10/03/25 23:40	1
2-Methylnaphthalene	0.36	U	0.36	0.010	mg/Kg	☼	10/02/25 18:11	10/03/25 23:40	1
2-Methylphenol	0.36	U	0.36	0.013	mg/Kg	☼	10/02/25 18:11	10/03/25 23:40	1
2-Nitroaniline	0.36	U	0.36	0.027	mg/Kg	☼	10/02/25 18:11	10/03/25 23:40	1
2-Nitrophenol	0.36	U	0.36	0.036	mg/Kg	☼	10/02/25 18:11	10/03/25 23:40	1
3 & 4 Methylphenol	0.36	U	0.36	0.022	mg/Kg	☼	10/02/25 18:11	10/03/25 23:40	1
3,3'-Dichlorobenzidine	0.14	U	0.14	0.054	mg/Kg	☼	10/02/25 18:11	10/03/25 23:40	1
3-Nitroaniline	0.36	U	0.36	0.085	mg/Kg	☼	10/02/25 18:11	10/03/25 23:40	1
4,6-Dinitro-2-methylphenol	0.29	U	0.29	0.15	mg/Kg	☼	10/02/25 18:11	10/03/25 23:40	1
4-Bromophenyl phenyl ether	0.36	U	0.36	0.014	mg/Kg	☼	10/02/25 18:11	10/03/25 23:40	1
4-Chloro-3-methylphenol	0.36	U	0.36	0.020	mg/Kg	☼	10/02/25 18:11	10/03/25 23:40	1
4-Chloroaniline	0.36	U	0.36	0.063	mg/Kg	☼	10/02/25 18:11	10/03/25 23:40	1
4-Chlorophenyl phenyl ether	0.36	U	0.36	0.013	mg/Kg	☼	10/02/25 18:11	10/03/25 23:40	1
4-Methylphenol	0.36	U	0.36	0.022	mg/Kg	☼	10/02/25 18:11	10/03/25 23:40	1
4-Nitroaniline	0.36	U	0.36	0.091	mg/Kg	☼	10/02/25 18:11	10/03/25 23:40	1
4-Nitrophenol	0.72	U	0.72	0.058	mg/Kg	☼	10/02/25 18:11	10/03/25 23:40	1
Acenaphthene	0.36	U	0.36	0.010	mg/Kg	☼	10/02/25 18:11	10/03/25 23:40	1
Acenaphthylene	0.36	U	0.36	0.010	mg/Kg	☼	10/02/25 18:11	10/03/25 23:40	1
Acetophenone	0.36	U	0.36	0.018	mg/Kg	☼	10/02/25 18:11	10/03/25 23:40	1
Anthracene	0.36	U	0.36	0.011	mg/Kg	☼	10/02/25 18:11	10/03/25 23:40	1
Atrazine	0.14	U	0.14	0.021	mg/Kg	☼	10/02/25 18:11	10/03/25 23:40	1
Benzaldehyde	0.36	U	0.36	0.059	mg/Kg	☼	10/02/25 18:11	10/03/25 23:40	1
Benzo[a]anthracene	0.036	U	0.036	0.027	mg/Kg	☼	10/02/25 18:11	10/03/25 23:40	1
Benzo[a]pyrene	0.036	U	0.036	0.0095	mg/Kg	☼	10/02/25 18:11	10/03/25 23:40	1
Benzo[b]fluoranthene	0.036	U	0.036	0.0092	mg/Kg	☼	10/02/25 18:11	10/03/25 23:40	1
Benzo[g,h,i]perylene	0.36	U	0.36	0.011	mg/Kg	☼	10/02/25 18:11	10/03/25 23:40	1
Benzo[k]fluoranthene	0.036	U	0.036	0.0070	mg/Kg	☼	10/02/25 18:11	10/03/25 23:40	1
Bis(2-chloroethoxy)methane	0.36	U	0.36	0.066	mg/Kg	☼	10/02/25 18:11	10/03/25 23:40	1

Client Sample ID: 6C_0-6
Date Collected: 10/01/25 12:05
Date Received: 10/01/25 16:15

Lab Sample ID: 460-336212-15
Matrix: Solid
Percent Solids: 92.7

Method: SW846 8270E - Semivolatile Organic Compounds (GC/MS) (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Bis(2-chloroethyl)ether	0.036	U	0.036	0.012	mg/Kg	☼	10/02/25 18:11	10/03/25 23:40	1
Bis(2-ethylhexyl) phthalate	0.36	U	0.36	0.019	mg/Kg	☼	10/02/25 18:11	10/03/25 23:40	1
Butyl benzyl phthalate	0.36	U	0.36	0.017	mg/Kg	☼	10/02/25 18:11	10/03/25 23:40	1
Caprolactam	0.36	U	0.36	0.056	mg/Kg	☼	10/02/25 18:11	10/03/25 23:40	1
Carbazole	0.36	U	0.36	0.014	mg/Kg	☼	10/02/25 18:11	10/03/25 23:40	1
Chrysene	0.36	U	0.36	0.015	mg/Kg	☼	10/02/25 18:11	10/03/25 23:40	1
Dibenz(a,h)anthracene	0.036	U	0.036	0.015	mg/Kg	☼	10/02/25 18:11	10/03/25 23:40	1
Dibenzofuran	0.36	U	0.36	0.012	mg/Kg	☼	10/02/25 18:11	10/03/25 23:40	1
Diethyl phthalate	0.36	U	0.36	0.011	mg/Kg	☼	10/02/25 18:11	10/03/25 23:40	1
Dimethyl phthalate	0.36	U	0.36	0.081	mg/Kg	☼	10/02/25 18:11	10/03/25 23:40	1
Di-n-butyl phthalate	0.36	U	0.36	0.013	mg/Kg	☼	10/02/25 18:11	10/03/25 23:40	1
Di-n-octyl phthalate	0.36	U	0.36	0.019	mg/Kg	☼	10/02/25 18:11	10/03/25 23:40	1
Fluoranthene	0.36	U	0.36	0.012	mg/Kg	☼	10/02/25 18:11	10/03/25 23:40	1
Fluorene	0.36	U	0.36	0.010	mg/Kg	☼	10/02/25 18:11	10/03/25 23:40	1
Hexachlorobenzene	0.036	U	0.036	0.017	mg/Kg	☼	10/02/25 18:11	10/03/25 23:40	1
Hexachlorobutadiene	0.072	U	0.072	0.0076	mg/Kg	☼	10/02/25 18:11	10/03/25 23:40	1
Hexachlorocyclopentadiene	0.36	U	0.36	0.031	mg/Kg	☼	10/02/25 18:11	10/03/25 23:40	1
Hexachloroethane	0.036	U	0.036	0.012	mg/Kg	☼	10/02/25 18:11	10/03/25 23:40	1
Indeno[1,2,3-cd]pyrene	0.036	U	0.036	0.014	mg/Kg	☼	10/02/25 18:11	10/03/25 23:40	1
Isophorone	0.14	U	0.14	0.10	mg/Kg	☼	10/02/25 18:11	10/03/25 23:40	1
Naphthalene	0.36	U	0.36	0.0062	mg/Kg	☼	10/02/25 18:11	10/03/25 23:40	1
Nitrobenzene	0.036	U	0.036	0.020	mg/Kg	☼	10/02/25 18:11	10/03/25 23:40	1
N-Nitrosodi-n-propylamine	0.036	U	0.036	0.026	mg/Kg	☼	10/02/25 18:11	10/03/25 23:40	1
N-Nitrosodiphenylamine	0.36	U	0.36	0.029	mg/Kg	☼	10/02/25 18:11	10/03/25 23:40	1
Pentachlorophenol	0.29	U	0.29	0.073	mg/Kg	☼	10/02/25 18:11	10/03/25 23:40	1
Phenanthrene	0.36	U	0.36	0.015	mg/Kg	☼	10/02/25 18:11	10/03/25 23:40	1
Phenol	0.36	U	0.36	0.013	mg/Kg	☼	10/02/25 18:11	10/03/25 23:40	1
Pyrene	0.36	U	0.36	0.0089	mg/Kg	☼	10/02/25 18:11	10/03/25 23:40	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
2,4,6-Tribromophenol (Surr)	*53*		*18 - 137*	*10/02/25 18:11*	*10/03/25 23:40*	*1*
2-Fluorobiphenyl	*57*		*33 - 117*	*10/02/25 18:11*	*10/03/25 23:40*	*1*
2-Fluorophenol (Surr)	*58*		*24 - 120*	*10/02/25 18:11*	*10/03/25 23:40*	*1*
Nitrobenzene-d5 (Surr)	*58*		*27 - 120*	*10/02/25 18:11*	*10/03/25 23:40*	*1*
Phenol-d5 (Surr)	*59*		*28 - 118*	*10/02/25 18:11*	*10/03/25 23:40*	*1*
Terphenyl-d14 (Surr)	*66*		*33 - 124*	*10/02/25 18:11*	*10/03/25 23:40*	*1*

Method: SW846 8081B - Organochlorine Pesticides (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
4,4'-DDD	0.0072	U	0.0072	0.0012	mg/Kg	☼	10/02/25 18:00	10/03/25 13:03	1
4,4'-DDE	0.0072	U	0.0072	0.00085	mg/Kg	☼	10/02/25 18:00	10/03/25 13:03	1
4,4'-DDT	0.0072	U	0.0072	0.0013	mg/Kg	☼	10/02/25 18:00	10/03/25 13:03	1
Aldrin	0.0072	U	0.0072	0.0011	mg/Kg	☼	10/02/25 18:00	10/03/25 13:03	1
alpha-BHC	0.0022	U	0.0022	0.00073	mg/Kg	☼	10/02/25 18:00	10/03/25 13:03	1
beta-BHC	0.0022	U	0.0022	0.00081	mg/Kg	☼	10/02/25 18:00	10/03/25 13:03	1
Chlordane (technical)	0.072	U	0.072	0.017	mg/Kg	☼	10/02/25 18:00	10/03/25 13:03	1
cis-Chlordane	0.0072	U	0.0072	0.0011	mg/Kg	☼	10/02/25 18:00	10/03/25 13:03	1
delta-BHC	0.0022	U	0.0022	0.00044	mg/Kg	☼	10/02/25 18:00	10/03/25 13:03	1
Dieldrin	0.0022	U	0.0022	0.00094	mg/Kg	☼	10/02/25 18:00	10/03/25 13:03	1
Endosulfan I	0.0072	U	0.0072	0.0011	mg/Kg	☼	10/02/25 18:00	10/03/25 13:03	1

Client Sample ID: 6C_0-6
Date Collected: 10/01/25 12:05
Date Received: 10/01/25 16:15

Lab Sample ID: 460-336212-15
Matrix: Solid
Percent Solids: 92.7

Method: SW846 8081B - Organochlorine Pesticides (GC) (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Endosulfan II	0.0072	U	0.0072	0.0019	mg/Kg	☼	10/02/25 18:00	10/03/25 13:03	1
Endosulfan sulfate	0.0072	U	0.0072	0.00091	mg/Kg	☼	10/02/25 18:00	10/03/25 13:03	1
Endrin	0.0072	U	0.0072	0.0010	mg/Kg	☼	10/02/25 18:00	10/03/25 13:03	1
Endrin aldehyde	0.0072	U	0.0072	0.0017	mg/Kg	☼	10/02/25 18:00	10/03/25 13:03	1
Endrin ketone	0.0072	U	0.0072	0.0014	mg/Kg	☼	10/02/25 18:00	10/03/25 13:03	1
gamma-BHC (Lindane)	0.0022	U	0.0022	0.00067	mg/Kg	☼	10/02/25 18:00	10/03/25 13:03	1
Heptachlor	0.0072	U	0.0072	0.00085	mg/Kg	☼	10/02/25 18:00	10/03/25 13:03	1
Heptachlor epoxide	0.0072	U	0.0072	0.0011	mg/Kg	☼	10/02/25 18:00	10/03/25 13:03	1
Methoxychlor	0.0072	U	0.0072	0.0017	mg/Kg	☼	10/02/25 18:00	10/03/25 13:03	1
Toxaphene	0.072	U	0.072	0.026	mg/Kg	☼	10/02/25 18:00	10/03/25 13:03	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
DCB Decachlorobiphenyl	*91*		*10 - 150*	*10/02/25 18:00*	*10/03/25 13:03*	*1*
DCB Decachlorobiphenyl	*108*		*10 - 150*	*10/02/25 18:00*	*10/03/25 13:03*	*1*
Tetrachloro-m-xylene	*92*		*14 - 150*	*10/02/25 18:00*	*10/03/25 13:03*	*1*
Tetrachloro-m-xylene	*89*		*14 - 150*	*10/02/25 18:00*	*10/03/25 13:03*	*1*

Method: SW846 8082A - Polychlorinated Biphenyls (PCBs) by Gas Chromatography

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Aroclor 1016	0.072	U	0.072	0.019	mg/Kg	☼	10/02/25 17:41	10/03/25 19:31	1
Aroclor 1221	0.072	U	0.072	0.019	mg/Kg	☼	10/02/25 17:41	10/03/25 19:31	1
Aroclor 1232	0.072	U	0.072	0.019	mg/Kg	☼	10/02/25 17:41	10/03/25 19:31	1
Aroclor 1242	0.072	U	0.072	0.019	mg/Kg	☼	10/02/25 17:41	10/03/25 19:31	1
Aroclor 1248	0.072	U	0.072	0.019	mg/Kg	☼	10/02/25 17:41	10/03/25 19:31	1
Aroclor 1254	0.072	U	0.072	0.019	mg/Kg	☼	10/02/25 17:41	10/03/25 19:31	1
Aroclor 1260	0.072	U	0.072	0.019	mg/Kg	☼	10/02/25 17:41	10/03/25 19:31	1
Aroclor-1262	0.072	U	0.072	0.019	mg/Kg	☼	10/02/25 17:41	10/03/25 19:31	1
Aroclor 1268	0.072	U	0.072	0.019	mg/Kg	☼	10/02/25 17:41	10/03/25 19:31	1
Polychlorinated biphenyls, Total	0.072	U	0.072	0.019	mg/Kg	☼	10/02/25 17:41	10/03/25 19:31	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
DCB Decachlorobiphenyl	*128*		*10 - 150*	*10/02/25 17:41*	*10/03/25 19:31*	*1*
DCB Decachlorobiphenyl	*136*		*10 - 150*	*10/02/25 17:41*	*10/03/25 19:31*	*1*
Tetrachloro-m-xylene	*123*		*10 - 150*	*10/02/25 17:41*	*10/03/25 19:31*	*1*
Tetrachloro-m-xylene	*129*		*10 - 150*	*10/02/25 17:41*	*10/03/25 19:31*	*1*

Method: EPA 1633A - Per- and Polyfluoroalkyl Substances by LC/MS/MS, 1633A

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Perfluorobutanoic acid (PFBA)	0.38	U	0.38	0.095	ug/Kg	☼	10/07/25 14:14	10/08/25 02:35	1
Perfluoropentanoic acid (PFPeA)	0.19	U	0.19	0.095	ug/Kg	☼	10/07/25 14:14	10/08/25 02:35	1
Perfluorohexanoic acid (PFHxA)	0.19	U	0.19	0.095	ug/Kg	☼	10/07/25 14:14	10/08/25 02:35	1
Perfluoroheptanoic acid (PFHpA)	**0.11**	**J**	0.19	0.095	ug/Kg	☼	10/07/25 14:14	10/08/25 02:35	1
Perfluorooctanoic acid (PFOA)	**0.082**	**J**	0.19	0.057	ug/Kg	☼	10/07/25 14:14	10/08/25 02:35	1
Perfluorononanoic acid (PFNA)	**0.35**		0.19	0.095	ug/Kg	☼	10/07/25 14:14	10/08/25 02:35	1
Perfluorodecanoic acid (PFDA)	**0.44**		0.19	0.057	ug/Kg	☼	10/07/25 14:14	10/08/25 02:35	1
Perfluoroundecanoic acid (PFUnA)	**3.07**		0.19	0.095	ug/Kg	☼	10/07/25 14:14	10/08/25 02:35	1
Perfluorododecanoic acid (PFDoA)	**0.18**	**J**	0.19	0.095	ug/Kg	☼	10/07/25 14:14	10/08/25 02:35	1
Perfluorotridecanoic acid (PFTrDA)	**1.26**		0.19	0.095	ug/Kg	☼	10/07/25 14:14	10/08/25 02:35	1

Client Sample ID: 6C_0-6
Date Collected: 10/01/25 12:05
Date Received: 10/01/25 16:15

Lab Sample ID: 460-336212-15
Matrix: Solid
Percent Solids: 92.7

Method: EPA 1633A - Per- and Polyfluoroalkyl Substances by LC/MS/MS, 1633A (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Perfluorotetradecanoic acid (PFTeDA)	0.19	U	0.19	0.095	ug/Kg	☼	10/07/25 14:14	10/08/25 02:35	1
Perfluorobutanesulfonic acid (PFBS)	0.19	U	0.19	0.095	ug/Kg	☼	10/07/25 14:14	10/08/25 02:35	1
Perfluoropentanesulfonic acid (PFPeS)	0.19	U	0.19	0.095	ug/Kg	☼	10/07/25 14:14	10/08/25 02:35	1
Perfluorohexanesulfonic acid (PFHxS)	0.19	U	0.19	0.095	ug/Kg	☼	10/07/25 14:14	10/08/25 02:35	1
Perfluoroheptanesulfonic acid (PFHpS)	0.19	U	0.19	0.095	ug/Kg	☼	10/07/25 14:14	10/08/25 02:35	1
Perfluorooctanesulfonic acid (PFOS)	0.19	U	0.19	0.095	ug/Kg	☼	10/07/25 14:14	10/08/25 02:35	1
Perfluorononanesulfonic acid (PFNS)	0.19	U	0.19	0.095	ug/Kg	☼	10/07/25 14:14	10/08/25 02:35	1
Perfluorodecanesulfonic acid (PFDS)	0.19	U	0.19	0.095	ug/Kg	☼	10/07/25 14:14	10/08/25 02:35	1
Perfluorododecanesulfonic acid (PFDoS)	0.19	U	0.19	0.095	ug/Kg	☼	10/07/25 14:14	10/08/25 02:35	1
1H,1H,2H,2H-Perfluorohexane sulfonic acid (4:2 FTS)	0.38	U	0.38	0.19	ug/Kg	☼	10/07/25 14:14	10/08/25 02:35	1
1H,1H,2H,2H-Perfluorooctane sulfonic acid (6:2 FTS)	0.38	U	0.38	0.19	ug/Kg	☼	10/07/25 14:14	10/08/25 02:35	1
1H,1H,2H,2H-Perfluorodecane sulfonic acid (8:2 FTS)	**0.21**	**J**	0.38	0.19	ug/Kg	☼	10/07/25 14:14	10/08/25 02:35	1
Perfluorooctanesulfonamide (PFOSA)	0.19	U	0.19	0.095	ug/Kg	☼	10/07/25 14:14	10/08/25 02:35	1
N-methylperfluorooctane sulfonamide (NMeFOSA)	0.19	U	0.19	0.095	ug/Kg	☼	10/07/25 14:14	10/08/25 02:35	1
N-ethylperfluorooctane sulfonamide (NEtFOSA)	0.19	U	0.19	0.095	ug/Kg	☼	10/07/25 14:14	10/08/25 02:35	1
N-methylperfluorooctanesulfonamidoacetic acid (NMeFOSAA)	0.19	U	0.19	0.095	ug/Kg	☼	10/07/25 14:14	10/08/25 02:35	1
N-ethylperfluorooctanesulfonamidoacetic acid (NEtFOSAA)	0.19	U	0.19	0.095	ug/Kg	☼	10/07/25 14:14	10/08/25 02:35	1
N-methylperfluorooctane sulfonamidoethanol (NMeFOSE)	0.95	U	0.95	0.48	ug/Kg	☼	10/07/25 14:14	10/08/25 02:35	1
N-ethylperfluorooctane sulfonamidoethanol (NEtFOSE)	0.95	U	0.95	0.48	ug/Kg	☼	10/07/25 14:14	10/08/25 02:35	1
Hexafluoropropylene Oxide Dimer Acid (HFPO-DA)	0.19	U	0.19	0.095	ug/Kg	☼	10/07/25 14:14	10/08/25 02:35	1
4,8-Dioxa-3H-perfluorononanoic acid (ADONA)	0.19	U	0.19	0.095	ug/Kg	☼	10/07/25 14:14	10/08/25 02:35	1
Perfluoro-3-methoxypropanoic acid (PFMPA)	0.19	U	0.19	0.095	ug/Kg	☼	10/07/25 14:14	10/08/25 02:35	1
Perfluoro-4-methoxybutanoic acid (PFMBA)	0.19	U	0.19	0.095	ug/Kg	☼	10/07/25 14:14	10/08/25 02:35	1
Nonafluoro-3,6-dioxaheptanoic acid (NFDHA)	0.19	U	0.19	0.095	ug/Kg	☼	10/07/25 14:14	10/08/25 02:35	1
9-Chlorohexadecafluoro-3-oxanonane-1-sulfonic acid (9Cl-PF3ONS)	0.19	U	0.19	0.095	ug/Kg	☼	10/07/25 14:14	10/08/25 02:35	1
11-Chloroeicosafluoro-3-oxaundecane-1-sulfonic acid (11Cl-PF3OUdS)	0.19	U	0.19	0.095	ug/Kg	☼	10/07/25 14:14	10/08/25 02:35	1
Perfluoro (2-ethoxyethane) sulfonic acid (PFEESA)	0.19	U	0.19	0.095	ug/Kg	☼	10/07/25 14:14	10/08/25 02:35	1
3-Perfluoropropylpropanoic acid (3:3 FTCA)	0.38	U	0.38	0.19	ug/Kg	☼	10/07/25 14:14	10/08/25 02:35	1
3-Perfluoropentylpropanoic acid (5:3 FTCA)	0.95	U	0.95	0.48	ug/Kg	☼	10/07/25 14:14	10/08/25 02:35	1
3-Perfluoroheptylpropanoic acid (7:3 FTCA)	0.95	U	0.95	0.48	ug/Kg	☼	10/07/25 14:14	10/08/25 02:35	1

Isotope Dilution	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
13C4 PFBA	*102*		*8 - 130*	*10/07/25 14:14*	*10/08/25 02:35*	*1*

Client Sample ID: 6C_0-6
Date Collected: 10/01/25 12:05
Date Received: 10/01/25 16:15

Lab Sample ID: 460-336212-15
Matrix: Solid
Percent Solids: 92.7

Method: EPA 1633A - Per- and Polyfluoroalkyl Substances by LC/MS/MS, 1633A (Continued)

Isotope Dilution	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
13C5 PFPeA	108		35 - 130	10/07/25 14:14	10/08/25 02:35	1
13C5 PFHxA	97.7		40 - 130	10/07/25 14:14	10/08/25 02:35	1
13C4 PFHpA	100		40 - 130	10/07/25 14:14	10/08/25 02:35	1
13C8 PFOA	95.9		40 - 130	10/07/25 14:14	10/08/25 02:35	1
13C9 PFNA	92.5		40 - 130	10/07/25 14:14	10/08/25 02:35	1
13C6 PFDA	99.9		40 - 130	10/07/25 14:14	10/08/25 02:35	1
13C7 PFUnA	97.5		40 - 130	10/07/25 14:14	10/08/25 02:35	1
13C2 PFTeDA	72.5		20 - 130	10/07/25 14:14	10/08/25 02:35	1
13C3 PFBS	97.8		40 - 135	10/07/25 14:14	10/08/25 02:35	1
13C3 PFHxS	96.7		40 - 130	10/07/25 14:14	10/08/25 02:35	1
13C8 PFOS	94.2		40 - 130	10/07/25 14:14	10/08/25 02:35	1
13C8 FOSA	59.1		40 - 130	10/07/25 14:14	10/08/25 02:35	1
d3-NMeFOSAA	57.2		40 - 135	10/07/25 14:14	10/08/25 02:35	1
d5-NEtFOSAA	53.3		40 - 150	10/07/25 14:14	10/08/25 02:35	1
13C2 4:2 FTS	92.2		40 - 165	10/07/25 14:14	10/08/25 02:35	1
13C2 6:2 FTS	94.2		40 - 215	10/07/25 14:14	10/08/25 02:35	1
13C2 8:2 FTS	76.7		40 - 275	10/07/25 14:14	10/08/25 02:35	1
13C3 HFPO-DA	92.1		40 - 130	10/07/25 14:14	10/08/25 02:35	1
d7-N-MeFOSE-M	44.2		20 - 130	10/07/25 14:14	10/08/25 02:35	1
d9-N-EtFOSE-M	39.6		15 - 130	10/07/25 14:14	10/08/25 02:35	1
d5-NEtPFOSA	46.8		10 - 130	10/07/25 14:14	10/08/25 02:35	1
d3-NMePFOSA	51.8		10 - 130	10/07/25 14:14	10/08/25 02:35	1
13C2 PFDoA	84.7		40 - 130	10/07/25 14:14	10/08/25 02:35	1

Method: SW846 6020B - Metals (ICP/MS)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Aluminum	6620		18.9	5.2	mg/Kg	☼	10/07/25 06:40	10/08/25 22:43	1
Antimony	0.49	J	0.95	0.14	mg/Kg	☼	10/07/25 06:40	10/08/25 22:43	1
Arsenic	5.6		0.95	0.097	mg/Kg	☼	10/07/25 06:40	10/08/25 22:43	1
Barium	49.1		1.9	0.14	mg/Kg	☼	10/07/25 06:40	10/08/25 22:43	1
Beryllium	0.74		0.38	0.021	mg/Kg	☼	10/07/25 06:40	10/08/25 22:43	1
Cadmium	0.17	J	0.95	0.11	mg/Kg	☼	10/07/25 06:40	10/08/25 22:43	1
Calcium	1300		94.6	9.2	mg/Kg	☼	10/07/25 06:40	10/08/25 22:43	1
Chromium	20.3		1.9	0.28	mg/Kg	☼	10/07/25 06:40	10/08/25 22:43	1
Cobalt	6.3		0.95	0.14	mg/Kg	☼	10/07/25 06:40	10/08/25 22:43	1
Copper	40.9		1.9	0.35	mg/Kg	☼	10/07/25 06:40	10/08/25 22:43	1
Iron	16800		56.8	7.2	mg/Kg	☼	10/07/25 06:40	10/08/25 22:43	1
Lead	72.3		0.57	0.19	mg/Kg	☼	10/07/25 06:40	10/08/25 22:43	1
Magnesium	2300		94.6	9.7	mg/Kg	☼	10/07/25 06:40	10/08/25 22:43	1
Manganese	243		3.8	0.38	mg/Kg	☼	10/07/25 06:40	10/08/25 22:43	1
Nickel	18.3		1.9	0.17	mg/Kg	☼	10/07/25 06:40	10/08/25 22:43	1
Potassium	1100		94.6	15.3	mg/Kg	☼	10/07/25 06:40	10/08/25 22:43	1
Selenium	0.23	J	1.2	0.12	mg/Kg	☼	10/07/25 06:40	10/08/25 22:43	1
Silver	0.13	J	0.38	0.084	mg/Kg	☼	10/07/25 06:40	10/08/25 22:43	1
Sodium	73.0	J	94.6	43.3	mg/Kg	☼	10/07/25 06:40	10/08/25 22:43	1
Thallium	0.095	J	0.38	0.039	mg/Kg	☼	10/07/25 06:40	10/08/25 22:43	1
Vanadium	21.0		1.9	0.19	mg/Kg	☼	10/07/25 06:40	10/08/25 22:43	1
Zinc	107		7.6	1.0	mg/Kg	☼	10/07/25 06:40	10/08/25 22:43	1

Client Sample ID: 6C_0-6

Lab Sample ID: 460-336212-15
Date Collected: 10/01/25 12:05
Matrix: Solid
Date Received: 10/01/25 16:15
Percent Solids: 92.7

Method: SW846 7471B - Mercury (CVAA)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	0.025		0.016	0.0076	mg/Kg	☼	10/09/25 01:54	10/09/25 07:51	1

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Percent Moisture (EPA Moisture)	7.3		1.0	1.0	%			10/06/25 16:57	1
Percent Solids (EPA Moisture)	92.7		1.0	1.0	%			10/06/25 16:57	1

Client Sample ID: 6C_6-12

Lab Sample ID: 460-336212-16
Date Collected: 10/01/25 12:10
Matrix: Solid
Date Received: 10/01/25 16:15
Percent Solids: 92.8

Method: SW846 8270E - Semivolatile Organic Compounds (GC/MS)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1'-Biphenyl	0.36	U	0.36	0.012	mg/Kg	☼	10/02/25 18:11	10/04/25 00:03	1
1,2,4,5-Tetrachlorobenzene	0.36	U	0.36	0.011	mg/Kg	☼	10/02/25 18:11	10/04/25 00:03	1
1,4-Dioxane	0.036	U	0.036	0.031	mg/Kg	☼	10/02/25 18:11	10/04/25 00:03	1
2,2'-oxybis[1-chloropropane]	0.36	U	0.36	0.021	mg/Kg	☼	10/02/25 18:11	10/04/25 00:03	1
2,3,4,6-Tetrachlorophenol	0.36	U	0.36	0.024	mg/Kg	☼	10/02/25 18:11	10/04/25 00:03	1
2,4,5-Trichlorophenol	0.36	U	0.36	0.036	mg/Kg	☼	10/02/25 18:11	10/04/25 00:03	1
2,4,6-Trichlorophenol	0.14	U	0.14	0.046	mg/Kg	☼	10/02/25 18:11	10/04/25 00:03	1
2,4-Dichlorophenol	0.14	U	0.14	0.023	mg/Kg	☼	10/02/25 18:11	10/04/25 00:03	1
2,4-Dimethylphenol	0.36	U	0.36	0.043	mg/Kg	☼	10/02/25 18:11	10/04/25 00:03	1
2,4-Dinitrophenol	0.29	U	0.29	0.18	mg/Kg	☼	10/02/25 18:11	10/04/25 00:03	1
2,4-Dinitrotoluene	0.072	U	0.072	0.038	mg/Kg	☼	10/02/25 18:11	10/04/25 00:03	1
2,6-Dinitrotoluene	0.072	U	0.072	0.026	mg/Kg	☼	10/02/25 18:11	10/04/25 00:03	1
2-Chloronaphthalene	0.36	U	0.36	0.046	mg/Kg	☼	10/02/25 18:11	10/04/25 00:03	1
2-Chlorophenol	0.36	U	0.36	0.013	mg/Kg	☼	10/02/25 18:11	10/04/25 00:03	1
2-Methylnaphthalene	0.36	U	0.36	0.010	mg/Kg	☼	10/02/25 18:11	10/04/25 00:03	1
2-Methylphenol	0.36	U	0.36	0.013	mg/Kg	☼	10/02/25 18:11	10/04/25 00:03	1
2-Nitroaniline	0.36	U	0.36	0.027	mg/Kg	☼	10/02/25 18:11	10/04/25 00:03	1
2-Nitrophenol	0.36	U	0.36	0.036	mg/Kg	☼	10/02/25 18:11	10/04/25 00:03	1
3 & 4 Methylphenol	0.36	U	0.36	0.022	mg/Kg	☼	10/02/25 18:11	10/04/25 00:03	1
3,3'-Dichlorobenzidine	0.14	U	0.14	0.054	mg/Kg	☼	10/02/25 18:11	10/04/25 00:03	1
3-Nitroaniline	0.36	U	0.36	0.085	mg/Kg	☼	10/02/25 18:11	10/04/25 00:03	1
4,6-Dinitro-2-methylphenol	0.29	U	0.29	0.15	mg/Kg	☼	10/02/25 18:11	10/04/25 00:03	1
4-Bromophenyl phenyl ether	0.36	U	0.36	0.014	mg/Kg	☼	10/02/25 18:11	10/04/25 00:03	1
4-Chloro-3-methylphenol	0.36	U	0.36	0.020	mg/Kg	☼	10/02/25 18:11	10/04/25 00:03	1
4-Chloroaniline	0.36	U	0.36	0.063	mg/Kg	☼	10/02/25 18:11	10/04/25 00:03	1
4-Chlorophenyl phenyl ether	0.36	U	0.36	0.013	mg/Kg	☼	10/02/25 18:11	10/04/25 00:03	1
4-Methylphenol	0.36	U	0.36	0.022	mg/Kg	☼	10/02/25 18:11	10/04/25 00:03	1
4-Nitroaniline	0.36	U	0.36	0.090	mg/Kg	☼	10/02/25 18:11	10/04/25 00:03	1
4-Nitrophenol	0.72	U	0.72	0.058	mg/Kg	☼	10/02/25 18:11	10/04/25 00:03	1
Acenaphthene	0.36	U	0.36	0.010	mg/Kg	☼	10/02/25 18:11	10/04/25 00:03	1
Acenaphthylene	0.36	U	0.36	0.010	mg/Kg	☼	10/02/25 18:11	10/04/25 00:03	1
Acetophenone	0.36	U	0.36	0.017	mg/Kg	☼	10/02/25 18:11	10/04/25 00:03	1
Anthracene	0.36	U	0.36	0.011	mg/Kg	☼	10/02/25 18:11	10/04/25 00:03	1
Atrazine	0.14	U	0.14	0.021	mg/Kg	☼	10/02/25 18:11	10/04/25 00:03	1
Benzaldehyde	0.36	U	0.36	0.059	mg/Kg	☼	10/02/25 18:11	10/04/25 00:03	1
Benzo[a]anthracene	0.036	U	0.036	0.027	mg/Kg	☼	10/02/25 18:11	10/04/25 00:03	1
Benzo[a]pyrene	0.036	U	0.036	0.0095	mg/Kg	☼	10/02/25 18:11	10/04/25 00:03	1

Client Sample ID: 6C_6-12
Date Collected: 10/01/25 12:10
Date Received: 10/01/25 16:15

Lab Sample ID: 460-336212-16
Matrix: Solid
Percent Solids: 92.8

Method: SW846 8270E - Semivolatile Organic Compounds (GC/MS) (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzo[b]fluoranthene	**0.013**	**J**	0.036	0.0092	mg/Kg	☼	10/02/25 18:11	10/04/25 00:03	1
Benzo[g,h,i]perylene	0.36	U	0.36	0.011	mg/Kg	☼	10/02/25 18:11	10/04/25 00:03	1
Benzo[k]fluoranthene	**0.0070**	**J**	0.036	0.0070	mg/Kg	☼	10/02/25 18:11	10/04/25 00:03	1
Bis(2-chloroethoxy)methane	0.36	U	0.36	0.066	mg/Kg	☼	10/02/25 18:11	10/04/25 00:03	1
Bis(2-chloroethyl)ether	0.036	U	0.036	0.012	mg/Kg	☼	10/02/25 18:11	10/04/25 00:03	1
Bis(2-ethylhexyl) phthalate	0.36	U	0.36	0.019	mg/Kg	☼	10/02/25 18:11	10/04/25 00:03	1
Butyl benzyl phthalate	0.36	U	0.36	0.017	mg/Kg	☼	10/02/25 18:11	10/04/25 00:03	1
Caprolactam	0.36	U	0.36	0.055	mg/Kg	☼	10/02/25 18:11	10/04/25 00:03	1
Carbazole	0.36	U	0.36	0.014	mg/Kg	☼	10/02/25 18:11	10/04/25 00:03	1
Chrysene	0.36	U	0.36	0.015	mg/Kg	☼	10/02/25 18:11	10/04/25 00:03	1
Dibenz(a,h)anthracene	0.036	U	0.036	0.015	mg/Kg	☼	10/02/25 18:11	10/04/25 00:03	1
Dibenzofuran	0.36	U	0.36	0.012	mg/Kg	☼	10/02/25 18:11	10/04/25 00:03	1
Diethyl phthalate	0.36	U	0.36	0.011	mg/Kg	☼	10/02/25 18:11	10/04/25 00:03	1
Dimethyl phthalate	0.36	U	0.36	0.081	mg/Kg	☼	10/02/25 18:11	10/04/25 00:03	1
Di-n-butyl phthalate	0.36	U	0.36	0.013	mg/Kg	☼	10/02/25 18:11	10/04/25 00:03	1
Di-n-octyl phthalate	0.36	U	0.36	0.019	mg/Kg	☼	10/02/25 18:11	10/04/25 00:03	1
Fluoranthene	**0.022**	**J**	0.36	0.012	mg/Kg	☼	10/02/25 18:11	10/04/25 00:03	1
Fluorene	0.36	U	0.36	0.010	mg/Kg	☼	10/02/25 18:11	10/04/25 00:03	1
Hexachlorobenzene	0.036	U	0.036	0.017	mg/Kg	☼	10/02/25 18:11	10/04/25 00:03	1
Hexachlorobutadiene	0.072	U	0.072	0.0076	mg/Kg	☼	10/02/25 18:11	10/04/25 00:03	1
Hexachlorocyclopentadiene	0.36	U	0.36	0.031	mg/Kg	☼	10/02/25 18:11	10/04/25 00:03	1
Hexachloroethane	0.036	U	0.036	0.012	mg/Kg	☼	10/02/25 18:11	10/04/25 00:03	1
Indeno[1,2,3-cd]pyrene	0.036	U	0.036	0.014	mg/Kg	☼	10/02/25 18:11	10/04/25 00:03	1
Isophorone	0.14	U	0.14	0.10	mg/Kg	☼	10/02/25 18:11	10/04/25 00:03	1
Naphthalene	0.36	U	0.36	0.0062	mg/Kg	☼	10/02/25 18:11	10/04/25 00:03	1
Nitrobenzene	0.036	U	0.036	0.020	mg/Kg	☼	10/02/25 18:11	10/04/25 00:03	1
N-Nitrosodi-n-propylamine	0.036	U	0.036	0.026	mg/Kg	☼	10/02/25 18:11	10/04/25 00:03	1
N-Nitrosodiphenylamine	0.36	U	0.36	0.029	mg/Kg	☼	10/02/25 18:11	10/04/25 00:03	1
Pentachlorophenol	0.29	U	0.29	0.073	mg/Kg	☼	10/02/25 18:11	10/04/25 00:03	1
Phenanthrene	0.36	U	0.36	0.015	mg/Kg	☼	10/02/25 18:11	10/04/25 00:03	1
Phenol	0.36	U	0.36	0.013	mg/Kg	☼	10/02/25 18:11	10/04/25 00:03	1
Pyrene	**0.019**	**J**	0.36	0.0089	mg/Kg	☼	10/02/25 18:11	10/04/25 00:03	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
2,4,6-Tribromophenol (Surr)	*57*		*18 - 137*	*10/02/25 18:11*	*10/04/25 00:03*	*1*
2-Fluorobiphenyl	*62*		*33 - 117*	*10/02/25 18:11*	*10/04/25 00:03*	*1*
2-Fluorophenol (Surr)	*63*		*24 - 120*	*10/02/25 18:11*	*10/04/25 00:03*	*1*
Nitrobenzene-d5 (Surr)	*65*		*27 - 120*	*10/02/25 18:11*	*10/04/25 00:03*	*1*
Phenol-d5 (Surr)	*64*		*28 - 118*	*10/02/25 18:11*	*10/04/25 00:03*	*1*
Terphenyl-d14 (Surr)	*70*		*33 - 124*	*10/02/25 18:11*	*10/04/25 00:03*	*1*

Method: SW846 8081B - Organochlorine Pesticides (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
4,4'-DDD	0.0072	U	0.0072	0.0012	mg/Kg	☼	10/02/25 18:00	10/03/25 13:16	1
4,4'-DDE	0.0072	U	0.0072	0.00085	mg/Kg	☼	10/02/25 18:00	10/03/25 13:16	1
4,4'-DDT	0.0072	U	0.0072	0.0013	mg/Kg	☼	10/02/25 18:00	10/03/25 13:16	1
Aldrin	0.0072	U	0.0072	0.0011	mg/Kg	☼	10/02/25 18:00	10/03/25 13:16	1
alpha-BHC	0.0022	U	0.0022	0.00073	mg/Kg	☼	10/02/25 18:00	10/03/25 13:16	1
beta-BHC	0.0022	U	0.0022	0.00081	mg/Kg	☼	10/02/25 18:00	10/03/25 13:16	1
Chlordane (technical)	0.072	U	0.072	0.017	mg/Kg	☼	10/02/25 18:00	10/03/25 13:16	1

Client Sample ID: 6C_6-12
Date Collected: 10/01/25 12:10
Date Received: 10/01/25 16:15

Lab Sample ID: 460-336212-16
Matrix: Solid
Percent Solids: 92.8

Method: SW846 8081B - Organochlorine Pesticides (GC) (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
cis-Chlordane	0.0072	U	0.0072	0.0011	mg/Kg	☼	10/02/25 18:00	10/03/25 13:16	1
delta-BHC	0.0022	U	0.0022	0.00044	mg/Kg	☼	10/02/25 18:00	10/03/25 13:16	1
Dieldrin	0.0022	U	0.0022	0.00094	mg/Kg	☼	10/02/25 18:00	10/03/25 13:16	1
Endosulfan I	0.0072	U	0.0072	0.0011	mg/Kg	☼	10/02/25 18:00	10/03/25 13:16	1
Endosulfan II	0.0072	U	0.0072	0.0019	mg/Kg	☼	10/02/25 18:00	10/03/25 13:16	1
Endosulfan sulfate	0.0072	U	0.0072	0.00091	mg/Kg	☼	10/02/25 18:00	10/03/25 13:16	1
Endrin	0.0072	U	0.0072	0.0010	mg/Kg	☼	10/02/25 18:00	10/03/25 13:16	1
Endrin aldehyde	0.0072	U	0.0072	0.0017	mg/Kg	☼	10/02/25 18:00	10/03/25 13:16	1
Endrin ketone	0.0072	U	0.0072	0.0014	mg/Kg	☼	10/02/25 18:00	10/03/25 13:16	1
gamma-BHC (Lindane)	0.0022	U	0.0022	0.00067	mg/Kg	☼	10/02/25 18:00	10/03/25 13:16	1
Heptachlor	0.0072	U	0.0072	0.00085	mg/Kg	☼	10/02/25 18:00	10/03/25 13:16	1
Heptachlor epoxide	0.0072	U	0.0072	0.0011	mg/Kg	☼	10/02/25 18:00	10/03/25 13:16	1
Methoxychlor	0.0072	U	0.0072	0.0016	mg/Kg	☼	10/02/25 18:00	10/03/25 13:16	1
Toxaphene	0.072	U	0.072	0.026	mg/Kg	☼	10/02/25 18:00	10/03/25 13:16	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
DCB Decachlorobiphenyl	*100*		*10 - 150*	*10/02/25 18:00*	*10/03/25 13:16*	*1*
DCB Decachlorobiphenyl	*121*		*10 - 150*	*10/02/25 18:00*	*10/03/25 13:16*	*1*
Tetrachloro-m-xylene	*99*		*14 - 150*	*10/02/25 18:00*	*10/03/25 13:16*	*1*
Tetrachloro-m-xylene	*98*		*14 - 150*	*10/02/25 18:00*	*10/03/25 13:16*	*1*

Method: SW846 8082A - Polychlorinated Biphenyls (PCBs) by Gas Chromatography

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Aroclor 1016	0.072	U	0.072	0.019	mg/Kg	☼	10/02/25 17:41	10/03/25 19:48	1
Aroclor 1221	0.072	U	0.072	0.019	mg/Kg	☼	10/02/25 17:41	10/03/25 19:48	1
Aroclor 1232	0.072	U	0.072	0.019	mg/Kg	☼	10/02/25 17:41	10/03/25 19:48	1
Aroclor 1242	0.072	U	0.072	0.019	mg/Kg	☼	10/02/25 17:41	10/03/25 19:48	1
Aroclor 1248	0.072	U	0.072	0.019	mg/Kg	☼	10/02/25 17:41	10/03/25 19:48	1
Aroclor 1254	0.072	U	0.072	0.019	mg/Kg	☼	10/02/25 17:41	10/03/25 19:48	1
Aroclor 1260	0.072	U	0.072	0.019	mg/Kg	☼	10/02/25 17:41	10/03/25 19:48	1
Aroclor-1262	0.072	U	0.072	0.019	mg/Kg	☼	10/02/25 17:41	10/03/25 19:48	1
Aroclor 1268	0.072	U	0.072	0.019	mg/Kg	☼	10/02/25 17:41	10/03/25 19:48	1
Polychlorinated biphenyls, Total	0.072	U	0.072	0.019	mg/Kg	☼	10/02/25 17:41	10/03/25 19:48	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
DCB Decachlorobiphenyl	*143*		*10 - 150*	*10/02/25 17:41*	*10/03/25 19:48*	*1*
DCB Decachlorobiphenyl	*150*		*10 - 150*	*10/02/25 17:41*	*10/03/25 19:48*	*1*
Tetrachloro-m-xylene	*137*		*10 - 150*	*10/02/25 17:41*	*10/03/25 19:48*	*1*
Tetrachloro-m-xylene	*145*		*10 - 150*	*10/02/25 17:41*	*10/03/25 19:48*	*1*

Method: EPA 1633A - Per- and Polyfluoroalkyl Substances by LC/MS/MS, 1633A

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Perfluorobutanoic acid (PFBA)	0.39	U	0.39	0.097	ug/Kg	☼	10/07/25 14:14	10/08/25 02:49	1
Perfluoropentanoic acid (PFPeA)	0.19	U	0.19	0.097	ug/Kg	☼	10/07/25 14:14	10/08/25 02:49	1
Perfluorohexanoic acid (PFHxA)	0.19	U	0.19	0.097	ug/Kg	☼	10/07/25 14:14	10/08/25 02:49	1
Perfluoroheptanoic acid (PFHpA)	0.19	U	0.19	0.097	ug/Kg	☼	10/07/25 14:14	10/08/25 02:49	1
Perfluorooctanoic acid (PFOA)	0.19	U	0.19	0.058	ug/Kg	☼	10/07/25 14:14	10/08/25 02:49	1
Perfluorononanoic acid (PFNA)	0.19	U	0.19	0.097	ug/Kg	☼	10/07/25 14:14	10/08/25 02:49	1
Perfluorodecanoic acid (PFDA)	0.19	U	0.19	0.058	ug/Kg	☼	10/07/25 14:14	10/08/25 02:49	1
Perfluoroundecanoic acid (PFUnA)	**0.82**		0.19	0.097	ug/Kg	☼	10/07/25 14:14	10/08/25 02:49	1

Client Sample ID: 6C_6-12
Date Collected: 10/01/25 12:10
Date Received: 10/01/25 16:15

Lab Sample ID: 460-336212-16
Matrix: Solid
Percent Solids: 92.8

Method: EPA 1633A - Per- and Polyfluoroalkyl Substances by LC/MS/MS, 1633A (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Perfluorododecanoic acid (PFDoA)	0.19	U	0.19	0.097	ug/Kg	☼	10/07/25 14:14	10/08/25 02:49	1
Perfluorotridecanoic acid (PFTrDA)	**0.68**		0.19	0.097	ug/Kg	☼	10/07/25 14:14	10/08/25 02:49	1
Perfluorotetradecanoic acid (PFTeDA)	0.19	U	0.19	0.097	ug/Kg	☼	10/07/25 14:14	10/08/25 02:49	1
Perfluorobutanesulfonic acid (PFBS)	0.19	U	0.19	0.097	ug/Kg	☼	10/07/25 14:14	10/08/25 02:49	1
Perfluoropentanesulfonic acid (PFPeS)	0.19	U	0.19	0.097	ug/Kg	☼	10/07/25 14:14	10/08/25 02:49	1
Perfluorohexanesulfonic acid (PFHxS)	0.19	U	0.19	0.097	ug/Kg	☼	10/07/25 14:14	10/08/25 02:49	1
Perfluoroheptanesulfonic acid (PFHpS)	0.19	U	0.19	0.097	ug/Kg	☼	10/07/25 14:14	10/08/25 02:49	1
Perfluorooctanesulfonic acid (PFOS)	0.19	U	0.19	0.097	ug/Kg	☼	10/07/25 14:14	10/08/25 02:49	1
Perfluorononanesulfonic acid (PFNS)	0.19	U	0.19	0.097	ug/Kg	☼	10/07/25 14:14	10/08/25 02:49	1
Perfluorodecanesulfonic acid (PFDS)	0.19	U	0.19	0.097	ug/Kg	☼	10/07/25 14:14	10/08/25 02:49	1
Perfluorododecanesulfonic acid (PFDoS)	0.19	U	0.19	0.097	ug/Kg	☼	10/07/25 14:14	10/08/25 02:49	1
1H,1H,2H,2H-Perfluorohexane sulfonic acid (4:2 FTS)	0.39	U	0.39	0.19	ug/Kg	☼	10/07/25 14:14	10/08/25 02:49	1
1H,1H,2H,2H-Perfluorooctane sulfonic acid (6:2 FTS)	0.39	U	0.39	0.19	ug/Kg	☼	10/07/25 14:14	10/08/25 02:49	1
1H,1H,2H,2H-Perfluorodecane sulfonic acid (8:2 FTS)	0.39	U	0.39	0.19	ug/Kg	☼	10/07/25 14:14	10/08/25 02:49	1
Perfluorooctanesulfonamide (PFOSA)	0.19	U	0.19	0.097	ug/Kg	☼	10/07/25 14:14	10/08/25 02:49	1
N-methylperfluorooctane sulfonamide (NMeFOSA)	0.19	U	0.19	0.097	ug/Kg	☼	10/07/25 14:14	10/08/25 02:49	1
N-ethylperfluorooctane sulfonamide (NEtFOSA)	0.19	U	0.19	0.097	ug/Kg	☼	10/07/25 14:14	10/08/25 02:49	1
N-methylperfluorooctanesulfonamidoacetic acid (NMeFOSAA)	0.19	U	0.19	0.097	ug/Kg	☼	10/07/25 14:14	10/08/25 02:49	1
N-ethylperfluorooctanesulfonamidoacetic acid (NEtFOSAA)	0.19	U	0.19	0.097	ug/Kg	☼	10/07/25 14:14	10/08/25 02:49	1
N-methylperfluorooctane sulfonamidoethanol (NMeFOSE)	0.97	U	0.97	0.49	ug/Kg	☼	10/07/25 14:14	10/08/25 02:49	1
N-ethylperfluorooctane sulfonamidoethanol (NEtFOSE)	0.97	U	0.97	0.49	ug/Kg	☼	10/07/25 14:14	10/08/25 02:49	1
Hexafluoropropylene Oxide Dimer Acid (HFPO-DA)	0.19	U	0.19	0.097	ug/Kg	☼	10/07/25 14:14	10/08/25 02:49	1
4,8-Dioxa-3H-perfluorononanoic acid (ADONA)	0.19	U	0.19	0.097	ug/Kg	☼	10/07/25 14:14	10/08/25 02:49	1
Perfluoro-3-methoxypropanoic acid (PFMPA)	0.19	U	0.19	0.097	ug/Kg	☼	10/07/25 14:14	10/08/25 02:49	1
Perfluoro-4-methoxybutanoic acid (PFMBA)	0.19	U	0.19	0.097	ug/Kg	☼	10/07/25 14:14	10/08/25 02:49	1
Nonafluoro-3,6-dioxaheptanoic acid (NFDHA)	0.19	U	0.19	0.097	ug/Kg	☼	10/07/25 14:14	10/08/25 02:49	1
9-Chlorohexadecafluoro-3-oxanonane-1-sulfonic acid (9Cl-PF3ONS)	0.19	U	0.19	0.097	ug/Kg	☼	10/07/25 14:14	10/08/25 02:49	1
11-Chloroeicosafluoro-3-oxaundecane-1-sulfonic acid (11Cl-PF3OUdS)	0.19	U	0.19	0.097	ug/Kg	☼	10/07/25 14:14	10/08/25 02:49	1
Perfluoro (2-ethoxyethane) sulfonic acid (PFEESA)	0.19	U	0.19	0.097	ug/Kg	☼	10/07/25 14:14	10/08/25 02:49	1
3-Perfluoropropylpropanoic acid (3:3 FTCA)	0.39	U	0.39	0.19	ug/Kg	☼	10/07/25 14:14	10/08/25 02:49	1
3-Perfluoropentylpropanoic acid (5:3 FTCA)	0.97	U	0.97	0.49	ug/Kg	☼	10/07/25 14:14	10/08/25 02:49	1

Client Sample ID: 6C_6-12
Date Collected: 10/01/25 12:10
Date Received: 10/01/25 16:15

Lab Sample ID: 460-336212-16
Matrix: Solid
Percent Solids: 92.8

Method: EPA 1633A - Per- and Polyfluoroalkyl Substances by LC/MS/MS, 1633A (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
3-Perfluoroheptylpropanoic acid (7:3 FTCA)	0.97	U	0.97	0.49	ug/Kg	☼	10/07/25 14:14	10/08/25 02:49	1

Isotope Dilution	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
13C4 PFBA	*105*		*8 - 130*	*10/07/25 14:14*	*10/08/25 02:49*	*1*
13C5 PFPeA	*112*		*35 - 130*	*10/07/25 14:14*	*10/08/25 02:49*	*1*
13C5 PFHxA	*97.4*		*40 - 130*	*10/07/25 14:14*	*10/08/25 02:49*	*1*
13C4 PFHpA	*103*		*40 - 130*	*10/07/25 14:14*	*10/08/25 02:49*	*1*
13C8 PFOA	*99.2*		*40 - 130*	*10/07/25 14:14*	*10/08/25 02:49*	*1*
13C9 PFNA	*101*		*40 - 130*	*10/07/25 14:14*	*10/08/25 02:49*	*1*
13C6 PFDA	*99.7*		*40 - 130*	*10/07/25 14:14*	*10/08/25 02:49*	*1*
13C7 PFUnA	*95.3*		*40 - 130*	*10/07/25 14:14*	*10/08/25 02:49*	*1*
13C2 PFTeDA	*64.5*		*20 - 130*	*10/07/25 14:14*	*10/08/25 02:49*	*1*
13C3 PFBS	*96.4*		*40 - 135*	*10/07/25 14:14*	*10/08/25 02:49*	*1*
13C3 PFHxS	*95.5*		*40 - 130*	*10/07/25 14:14*	*10/08/25 02:49*	*1*
13C8 PFOS	*96.4*		*40 - 130*	*10/07/25 14:14*	*10/08/25 02:49*	*1*
13C8 FOSA	*59.0*		*40 - 130*	*10/07/25 14:14*	*10/08/25 02:49*	*1*
d3-NMeFOSAA	*54.2*		*40 - 135*	*10/07/25 14:14*	*10/08/25 02:49*	*1*
d5-NEtFOSAA	*51.2*		*40 - 150*	*10/07/25 14:14*	*10/08/25 02:49*	*1*
13C2 4:2 FTS	*87.8*		*40 - 165*	*10/07/25 14:14*	*10/08/25 02:49*	*1*
13C2 6:2 FTS	*96.0*		*40 - 215*	*10/07/25 14:14*	*10/08/25 02:49*	*1*
13C2 8:2 FTS	*81.8*		*40 - 275*	*10/07/25 14:14*	*10/08/25 02:49*	*1*
13C3 HFPO-DA	*97.3*		*40 - 130*	*10/07/25 14:14*	*10/08/25 02:49*	*1*
d7-N-MeFOSE-M	*44.5*		*20 - 130*	*10/07/25 14:14*	*10/08/25 02:49*	*1*
d9-N-EtFOSE-M	*40.5*		*15 - 130*	*10/07/25 14:14*	*10/08/25 02:49*	*1*
d5-NEtPFOSA	*46.8*		*10 - 130*	*10/07/25 14:14*	*10/08/25 02:49*	*1*
d3-NMePFOSA	*50.5*		*10 - 130*	*10/07/25 14:14*	*10/08/25 02:49*	*1*
13C2 PFDoA	*81.0*		*40 - 130*	*10/07/25 14:14*	*10/08/25 02:49*	*1*

Method: SW846 6020B - Metals (ICP/MS)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Aluminum	**7620**		20.1	5.5	mg/Kg	☼	10/07/25 06:40	10/08/25 22:45	1
Antimony	**1.7**		1.0	0.15	mg/Kg	☼	10/07/25 06:40	10/08/25 22:45	1
Arsenic	**5.4**		1.0	0.10	mg/Kg	☼	10/07/25 06:40	10/08/25 22:45	1
Barium	**63.4**		2.0	0.15	mg/Kg	☼	10/07/25 06:40	10/08/25 22:45	1
Beryllium	**0.66**		0.40	0.022	mg/Kg	☼	10/07/25 06:40	10/08/25 22:45	1
Cadmium	**0.24**	**J**	1.0	0.11	mg/Kg	☼	10/07/25 06:40	10/08/25 22:45	1
Calcium	**1500**		101	9.8	mg/Kg	☼	10/07/25 06:40	10/08/25 22:45	1
Chromium	**20.0**		2.0	0.30	mg/Kg	☼	10/07/25 06:40	10/08/25 22:45	1
Cobalt	**8.4**		1.0	0.15	mg/Kg	☼	10/07/25 06:40	10/08/25 22:45	1
Copper	**154**		2.0	0.37	mg/Kg	☼	10/07/25 06:40	10/08/25 22:45	1
Iron	**19200**		60.4	7.7	mg/Kg	☼	10/07/25 06:40	10/08/25 22:45	1
Lead	**123**		0.60	0.20	mg/Kg	☼	10/07/25 06:40	10/08/25 22:45	1
Magnesium	**2880**		101	10.3	mg/Kg	☼	10/07/25 06:40	10/08/25 22:45	1
Manganese	**284**		4.0	0.41	mg/Kg	☼	10/07/25 06:40	10/08/25 22:45	1
Nickel	**49.8**		2.0	0.18	mg/Kg	☼	10/07/25 06:40	10/08/25 22:45	1
Potassium	**1310**		101	16.3	mg/Kg	☼	10/07/25 06:40	10/08/25 22:45	1
Selenium	**0.35**	**J**	1.3	0.13	mg/Kg	☼	10/07/25 06:40	10/08/25 22:45	1
Silver	**1.7**		0.40	0.090	mg/Kg	☼	10/07/25 06:40	10/08/25 22:45	1
Sodium	**97.3**	**J**	101	46.0	mg/Kg	☼	10/07/25 06:40	10/08/25 22:45	1
Thallium	**0.13**	**J**	0.40	0.041	mg/Kg	☼	10/07/25 06:40	10/08/25 22:45	1

Client Sample ID: 6C_6-12

Date Collected: 10/01/25 12:10
Date Received: 10/01/25 16:15

Lab Sample ID: 460-336212-16

Matrix: Solid
Percent Solids: 92.8

Method: SW846 6020B - Metals (ICP/MS) (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Vanadium	22.7		2.0	0.21	mg/Kg	☼	10/07/25 06:40	10/08/25 22:45	1
Zinc	117		8.1	1.1	mg/Kg	☼	10/07/25 06:40	10/08/25 22:45	1

Method: SW846 7471B - Mercury (CVAA)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	0.024		0.017	0.0080	mg/Kg	☼	10/09/25 01:54	10/09/25 07:54	1

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Percent Moisture (EPA Moisture)	7.2		1.0	1.0	%			10/06/25 16:57	1
Percent Solids (EPA Moisture)	92.8		1.0	1.0	%			10/06/25 16:57	1

Client Sample ID: 60A1_1-2

Date Collected: 10/01/25 08:50
Date Received: 10/01/25 16:15

Lab Sample ID: 460-336212-17

Matrix: Solid
Percent Solids: 96.2

Method: SW846 8260D - Volatile Organic Compounds by GC/MS

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1-Trichloroethane	0.0011	U	0.0011	0.00026	mg/Kg	☼	10/05/25 16:01	10/06/25 10:19	1
1,1,2,2-Tetrachloroethane	0.0011	U	0.0011	0.00059	mg/Kg	☼	10/05/25 16:01	10/06/25 10:19	1
1,1,2-Trichloro-1,2,2-trifluoroethane	0.0011	U	0.0011	0.00034	mg/Kg	☼	10/05/25 16:01	10/06/25 10:19	1
1,1,2-Trichloroethane	0.0011	U	0.0011	0.00068	mg/Kg	☼	10/05/25 16:01	10/06/25 10:19	1
1,1-Dichloroethane	0.0011	U	0.0011	0.00068	mg/Kg	☼	10/05/25 16:01	10/06/25 10:19	1
1,1-Dichloroethene	0.0011	U	0.0011	0.00026	mg/Kg	☼	10/05/25 16:01	10/06/25 10:19	1
1,2,3-Trichlorobenzene	0.0011	U	0.0011	0.00084	mg/Kg	☼	10/05/25 16:01	10/06/25 10:19	1
1,2,4-Trichlorobenzene	0.0011	U	0.0011	0.00041	mg/Kg	☼	10/05/25 16:01	10/06/25 10:19	1
1,2,4-Trimethylbenzene	0.0011	U	0.0011	0.00028	mg/Kg	☼	10/05/25 16:01	10/06/25 10:19	1
1,2-Dibromo-3-Chloropropane	0.0011	U	0.0011	0.00052	mg/Kg	☼	10/05/25 16:01	10/06/25 10:19	1
1,2-Dichlorobenzene	0.0011	U	0.0011	0.00041	mg/Kg	☼	10/05/25 16:01	10/06/25 10:19	1
1,2-Dichloroethane	0.0011	U	0.0011	0.00034	mg/Kg	☼	10/05/25 16:01	10/06/25 10:19	1
1,2-Dichloropropane	0.0011	U	0.0011	0.00048	mg/Kg	☼	10/05/25 16:01	10/06/25 10:19	1
1,3,5-Trimethylbenzene	0.0011	U	0.0011	0.00036	mg/Kg	☼	10/05/25 16:01	10/06/25 10:19	1
1,3-Dichlorobenzene	0.0011	U	0.0011	0.00041	mg/Kg	☼	10/05/25 16:01	10/06/25 10:19	1
1,4-Dichlorobenzene	0.0011	U	0.0011	0.00059	mg/Kg	☼	10/05/25 16:01	10/06/25 10:19	1
2-Butanone (MEK)	0.0057	U	0.0057	0.00042	mg/Kg	☼	10/05/25 16:01	10/06/25 10:19	1
2-Hexanone	0.0057	U	0.0057	0.0019	mg/Kg	☼	10/05/25 16:01	10/06/25 10:19	1
4-Methyl-2-pentanone (MIBK)	0.0057	U	0.0057	0.0018	mg/Kg	☼	10/05/25 16:01	10/06/25 10:19	1
Acetone	0.0068	U	0.0068	0.0065	mg/Kg	☼	10/05/25 16:01	10/06/25 10:19	1
Benzene	0.0011	U	0.0011	0.00064	mg/Kg	☼	10/05/25 16:01	10/06/25 10:19	1
Bromoform	0.0011	U	0.0011	0.00048	mg/Kg	☼	10/05/25 16:01	10/06/25 10:19	1
Bromomethane	0.0023	U	0.0023	0.0011	mg/Kg	☼	10/05/25 16:01	10/06/25 10:19	1
Carbon disulfide	0.0011	U	0.0011	0.00030	mg/Kg	☼	10/05/25 16:01	10/06/25 10:19	1
Carbon tetrachloride	0.0011	U	0.0011	0.00044	mg/Kg	☼	10/05/25 16:01	10/06/25 10:19	1
Chlorobenzene	0.0011	U	0.0011	0.00058	mg/Kg	☼	10/05/25 16:01	10/06/25 10:19	1
Chlorobromomethane	0.0011	U	0.0011	0.00068	mg/Kg	☼	10/05/25 16:01	10/06/25 10:19	1
Chlorodibromomethane	0.0011	U	0.0011	0.00061	mg/Kg	☼	10/05/25 16:01	10/06/25 10:19	1
Chloroethane	0.0011	U	0.0011	0.00059	mg/Kg	☼	10/05/25 16:01	10/06/25 10:19	1
Chloroform	0.0011	U	0.0011	0.0011	mg/Kg	☼	10/05/25 16:01	10/06/25 10:19	1
Chloromethane	0.0011	U	0.0011	0.00049	mg/Kg	☼	10/05/25 16:01	10/06/25 10:19	1
cis-1,2-Dichloroethene	0.0011	U	0.0011	0.00041	mg/Kg	☼	10/05/25 16:01	10/06/25 10:19	1

Client Sample ID: 60A1_1-2

Date Collected: 10/01/25 08:50
Date Received: 10/01/25 16:15

Lab Sample ID: 460-336212-17

Matrix: Solid
Percent Solids: 96.2

Method: SW846 8260D - Volatile Organic Compounds by GC/MS (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
cis-1,3-Dichloropropene	0.0011	U	0.0011	0.00031	mg/Kg	☼	10/05/25 16:01	10/06/25 10:19	1
Cyclohexane	0.0011	U	0.0011	0.00025	mg/Kg	☼	10/05/25 16:01	10/06/25 10:19	1
Dichlorobromomethane	0.0011	U	0.0011	0.00029	mg/Kg	☼	10/05/25 16:01	10/06/25 10:19	1
Dichlorodifluoromethane	0.0011	U	0.0011	0.00038	mg/Kg	☼	10/05/25 16:01	10/06/25 10:19	1
Ethylbenzene	0.0011	U	0.0011	0.00053	mg/Kg	☼	10/05/25 16:01	10/06/25 10:19	1
Ethylene Dibromide	0.0011	U	0.0011	0.00057	mg/Kg	☼	10/05/25 16:01	10/06/25 10:19	1
Isopropylbenzene	0.0011	U	0.0011	0.00032	mg/Kg	☼	10/05/25 16:01	10/06/25 10:19	1
Methyl acetate	0.0057	U	0.0057	0.0049	mg/Kg	☼	10/05/25 16:01	10/06/25 10:19	1
Methyl tert-butyl ether	0.0011	U	0.0011	0.00058	mg/Kg	☼	10/05/25 16:01	10/06/25 10:19	1
Methylcyclohexane	0.0011	U *	0.0011	0.00057	mg/Kg	☼	10/05/25 16:01	10/06/25 10:19	1
Methylene Chloride	**0.0035**		0.0023	0.0013	mg/Kg	☼	10/05/25 16:01	10/06/25 10:19	1
m-Xylene & p-Xylene	0.0011	U	0.0011	0.00048	mg/Kg	☼	10/05/25 16:01	10/06/25 10:19	1
n-Butylbenzene	0.0011	U	0.0011	0.00033	mg/Kg	☼	10/05/25 16:01	10/06/25 10:19	1
N-Propylbenzene	0.0011	U	0.0011	0.00051	mg/Kg	☼	10/05/25 16:01	10/06/25 10:19	1
o-Xylene	0.0011	U	0.0011	0.00052	mg/Kg	☼	10/05/25 16:01	10/06/25 10:19	1
sec-Butylbenzene	0.0011	U	0.0011	0.00033	mg/Kg	☼	10/05/25 16:01	10/06/25 10:19	1
Styrene	0.0011	U	0.0011	0.00032	mg/Kg	☼	10/05/25 16:01	10/06/25 10:19	1
tert-Butylbenzene	0.0011	U *	0.0011	0.00031	mg/Kg	☼	10/05/25 16:01	10/06/25 10:19	1
Tetrachloroethene	0.0011	U	0.0011	0.00035	mg/Kg	☼	10/05/25 16:01	10/06/25 10:19	1
Toluene	0.0011	U	0.0011	0.00027	mg/Kg	☼	10/05/25 16:01	10/06/25 10:19	1
trans-1,2-Dichloroethene	0.0011	U	0.0011	0.00028	mg/Kg	☼	10/05/25 16:01	10/06/25 10:19	1
trans-1,3-Dichloropropene	0.0011	U	0.0011	0.00030	mg/Kg	☼	10/05/25 16:01	10/06/25 10:19	1
Trichloroethene	0.0011	U	0.0011	0.00036	mg/Kg	☼	10/05/25 16:01	10/06/25 10:19	1
Trichlorofluoromethane	0.0011	U	0.0011	0.00046	mg/Kg	☼	10/05/25 16:01	10/06/25 10:19	1
Vinyl chloride	0.0011	U	0.0011	0.00062	mg/Kg	☼	10/05/25 16:01	10/06/25 10:19	1
Xylenes, Total	0.0023	U	0.0023	0.00020	mg/Kg	☼	10/05/25 16:01	10/06/25 10:19	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,2-Dichloroethane-d4 (Surr)	*111*		*65 - 138*	*10/05/25 16:01*	*10/06/25 10:19*	*1*
4-Bromofluorobenzene	*110*		*71 - 128*	*10/05/25 16:01*	*10/06/25 10:19*	*1*
Dibromofluoromethane (Surr)	*112*		*50 - 150*	*10/05/25 16:01*	*10/06/25 10:19*	*1*
Toluene-d8 (Surr)	*100*		*71 - 126*	*10/05/25 16:01*	*10/06/25 10:19*	*1*

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Percent Moisture (EPA Moisture)	**3.8**		1.0	1.0	%			10/05/25 17:30	1
Percent Solids (EPA Moisture)	**96.2**		1.0	1.0	%			10/05/25 17:30	1

Client Sample ID: 60A2_2-3

Date Collected: 10/01/25 08:55
Date Received: 10/01/25 16:15

Lab Sample ID: 460-336212-18

Matrix: Solid
Percent Solids: 90.5

Method: SW846 8260D - Volatile Organic Compounds by GC/MS

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1-Trichloroethane	0.0013	U	0.0013	0.00031	mg/Kg	☼	10/05/25 16:01	10/06/25 10:42	1
1,1,2,2-Tetrachloroethane	0.0013	U	0.0013	0.00068	mg/Kg	☼	10/05/25 16:01	10/06/25 10:42	1
1,1,2-Trichloro-1,2,2-trifluoroethane	0.0013	U	0.0013	0.00039	mg/Kg	☼	10/05/25 16:01	10/06/25 10:42	1
1,1,2-Trichloroethane	0.0013	U	0.0013	0.00079	mg/Kg	☼	10/05/25 16:01	10/06/25 10:42	1
1,1-Dichloroethane	0.0013	U	0.0013	0.00078	mg/Kg	☼	10/05/25 16:01	10/06/25 10:42	1
1,1-Dichloroethene	0.0013	U	0.0013	0.00029	mg/Kg	☼	10/05/25 16:01	10/06/25 10:42	1

Client Sample ID: 60A2_2-3
Date Collected: 10/01/25 08:55
Date Received: 10/01/25 16:15

Lab Sample ID: 460-336212-18
Matrix: Solid
Percent Solids: 90.5

Method: SW846 8260D - Volatile Organic Compounds by GC/MS (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,2,3-Trichlorobenzene	0.0013	U	0.0013	0.00097	mg/Kg	☼	10/05/25 16:01	10/06/25 10:42	1
1,2,4-Trichlorobenzene	0.0013	U	0.0013	0.00047	mg/Kg	☼	10/05/25 16:01	10/06/25 10:42	1
1,2,4-Trimethylbenzene	**0.00076**	**J**	0.0013	0.00032	mg/Kg	☼	10/05/25 16:01	10/06/25 10:42	1
1,2-Dibromo-3-Chloropropane	0.0013	U	0.0013	0.00060	mg/Kg	☼	10/05/25 16:01	10/06/25 10:42	1
1,2-Dichlorobenzene	0.0013	U	0.0013	0.00047	mg/Kg	☼	10/05/25 16:01	10/06/25 10:42	1
1,2-Dichloroethane	0.0013	U	0.0013	0.00039	mg/Kg	☼	10/05/25 16:01	10/06/25 10:42	1
1,2-Dichloropropane	0.0013	U	0.0013	0.00055	mg/Kg	☼	10/05/25 16:01	10/06/25 10:42	1
1,3,5-Trimethylbenzene	**0.00051**	**J**	0.0013	0.00041	mg/Kg	☼	10/05/25 16:01	10/06/25 10:42	1
1,3-Dichlorobenzene	0.0013	U	0.0013	0.00048	mg/Kg	☼	10/05/25 16:01	10/06/25 10:42	1
1,4-Dichlorobenzene	0.0013	U	0.0013	0.00068	mg/Kg	☼	10/05/25 16:01	10/06/25 10:42	1
2-Butanone (MEK)	0.0066	U	0.0066	0.00048	mg/Kg	☼	10/05/25 16:01	10/06/25 10:42	1
2-Hexanone	0.0066	U	0.0066	0.0022	mg/Kg	☼	10/05/25 16:01	10/06/25 10:42	1
4-Methyl-2-pentanone (MIBK)	0.0066	U	0.0066	0.0020	mg/Kg	☼	10/05/25 16:01	10/06/25 10:42	1
Acetone	0.0079	U	0.0079	0.0075	mg/Kg	☼	10/05/25 16:01	10/06/25 10:42	1
Benzene	0.0013	U	0.0013	0.00074	mg/Kg	☼	10/05/25 16:01	10/06/25 10:42	1
Bromoform	0.0013	U	0.0013	0.00056	mg/Kg	☼	10/05/25 16:01	10/06/25 10:42	1
Bromomethane	0.0026	U	0.0026	0.0013	mg/Kg	☼	10/05/25 16:01	10/06/25 10:42	1
Carbon disulfide	0.0013	U	0.0013	0.00035	mg/Kg	☼	10/05/25 16:01	10/06/25 10:42	1
Carbon tetrachloride	0.0013	U	0.0013	0.00051	mg/Kg	☼	10/05/25 16:01	10/06/25 10:42	1
Chlorobenzene	0.0013	U	0.0013	0.00066	mg/Kg	☼	10/05/25 16:01	10/06/25 10:42	1
Chlorobromomethane	0.0013	U	0.0013	0.00078	mg/Kg	☼	10/05/25 16:01	10/06/25 10:42	1
Chlorodibromomethane	0.0013	U	0.0013	0.00070	mg/Kg	☼	10/05/25 16:01	10/06/25 10:42	1
Chloroethane	0.0013	U	0.0013	0.00068	mg/Kg	☼	10/05/25 16:01	10/06/25 10:42	1
Chloroform	0.0013	U	0.0013	0.0013	mg/Kg	☼	10/05/25 16:01	10/06/25 10:42	1
Chloromethane	0.0013	U	0.0013	0.00057	mg/Kg	☼	10/05/25 16:01	10/06/25 10:42	1
cis-1,2-Dichloroethene	0.0013	U	0.0013	0.00047	mg/Kg	☼	10/05/25 16:01	10/06/25 10:42	1
cis-1,3-Dichloropropene	0.0013	U	0.0013	0.00036	mg/Kg	☼	10/05/25 16:01	10/06/25 10:42	1
Cyclohexane	0.0013	U	0.0013	0.00029	mg/Kg	☼	10/05/25 16:01	10/06/25 10:42	1
Dichlorobromomethane	0.0013	U	0.0013	0.00034	mg/Kg	☼	10/05/25 16:01	10/06/25 10:42	1
Dichlorodifluoromethane	0.0013	U	0.0013	0.00044	mg/Kg	☼	10/05/25 16:01	10/06/25 10:42	1
Ethylbenzene	0.0013	U	0.0013	0.00061	mg/Kg	☼	10/05/25 16:01	10/06/25 10:42	1
Ethylene Dibromide	0.0013	U	0.0013	0.00066	mg/Kg	☼	10/05/25 16:01	10/06/25 10:42	1
Isopropylbenzene	0.0013	U	0.0013	0.00037	mg/Kg	☼	10/05/25 16:01	10/06/25 10:42	1
Methyl acetate	0.0066	U	0.0066	0.0056	mg/Kg	☼	10/05/25 16:01	10/06/25 10:42	1
Methyl tert-butyl ether	0.0013	U	0.0013	0.00067	mg/Kg	☼	10/05/25 16:01	10/06/25 10:42	1
Methylcyclohexane	0.0013	U *	0.0013	0.00065	mg/Kg	☼	10/05/25 16:01	10/06/25 10:42	1
Methylene Chloride	**0.0058**		0.0026	0.0015	mg/Kg	☼	10/05/25 16:01	10/06/25 10:42	1
m-Xylene & p-Xylene	0.0013	U	0.0013	0.00055	mg/Kg	☼	10/05/25 16:01	10/06/25 10:42	1
n-Butylbenzene	0.0013	U	0.0013	0.00039	mg/Kg	☼	10/05/25 16:01	10/06/25 10:42	1
N-Propylbenzene	0.0013	U	0.0013	0.00059	mg/Kg	☼	10/05/25 16:01	10/06/25 10:42	1
o-Xylene	0.0013	U	0.0013	0.00060	mg/Kg	☼	10/05/25 16:01	10/06/25 10:42	1
sec-Butylbenzene	0.0013	U	0.0013	0.00038	mg/Kg	☼	10/05/25 16:01	10/06/25 10:42	1
Styrene	0.0013	U	0.0013	0.00036	mg/Kg	☼	10/05/25 16:01	10/06/25 10:42	1
tert-Butylbenzene	0.0013	U *	0.0013	0.00036	mg/Kg	☼	10/05/25 16:01	10/06/25 10:42	1
Tetrachloroethene	0.0013	U	0.0013	0.00040	mg/Kg	☼	10/05/25 16:01	10/06/25 10:42	1
Toluene	0.0013	U	0.0013	0.00031	mg/Kg	☼	10/05/25 16:01	10/06/25 10:42	1
trans-1,2-Dichloroethene	0.0013	U	0.0013	0.00032	mg/Kg	☼	10/05/25 16:01	10/06/25 10:42	1
trans-1,3-Dichloropropene	0.0013	U	0.0013	0.00035	mg/Kg	☼	10/05/25 16:01	10/06/25 10:42	1
Trichloroethene	0.0013	U	0.0013	0.00042	mg/Kg	☼	10/05/25 16:01	10/06/25 10:42	1

Client Sample ID: 60A2_2-3

Lab Sample ID: 460-336212-18

Date Collected: 10/01/25 08:55
Matrix: Solid
Date Received: 10/01/25 16:15
Percent Solids: 90.5

Method: SW846 8260D - Volatile Organic Compounds by GC/MS (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Trichlorofluoromethane	0.0013	U	0.0013	0.00053	mg/Kg	☼	10/05/25 16:01	10/06/25 10:42	1
Vinyl chloride	0.0013	U	0.0013	0.00072	mg/Kg	☼	10/05/25 16:01	10/06/25 10:42	1
Xylenes, Total	0.0026	U	0.0026	0.00023	mg/Kg	☼	10/05/25 16:01	10/06/25 10:42	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,2-Dichloroethane-d4 (Surr)	*108*		*65 - 138*	*10/05/25 16:01*	*10/06/25 10:42*	*1*
4-Bromofluorobenzene	*102*		*71 - 128*	*10/05/25 16:01*	*10/06/25 10:42*	*1*
Dibromofluoromethane (Surr)	*110*		*50 - 150*	*10/05/25 16:01*	*10/06/25 10:42*	*1*
Toluene-d8 (Surr)	*96*		*71 - 126*	*10/05/25 16:01*	*10/06/25 10:42*	*1*

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Percent Moisture (EPA Moisture)	**9.5**		1.0	1.0	%			10/05/25 17:30	1
Percent Solids (EPA Moisture)	**90.5**		1.0	1.0	%			10/05/25 17:30	1

Client Sample ID: 60A3_7-8

Lab Sample ID: 460-336212-19

Date Collected: 10/01/25 09:00
Matrix: Solid
Date Received: 10/01/25 16:15
Percent Solids: 94.0

Method: SW846 8260D - Volatile Organic Compounds by GC/MS

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1-Trichloroethane	0.00097	U	0.00097	0.00023	mg/Kg	☼	10/05/25 16:02	10/06/25 11:05	1
1,1,2,2-Tetrachloroethane	0.00097	U	0.00097	0.00051	mg/Kg	☼	10/05/25 16:02	10/06/25 11:05	1
1,1,2-Trichloro-1,2,2-trifluoroethane	0.00097	U	0.00097	0.00029	mg/Kg	☼	10/05/25 16:02	10/06/25 11:05	1
1,1,2-Trichloroethane	0.00097	U	0.00097	0.00059	mg/Kg	☼	10/05/25 16:02	10/06/25 11:05	1
1,1-Dichloroethane	0.00097	U	0.00097	0.00058	mg/Kg	☼	10/05/25 16:02	10/06/25 11:05	1
1,1-Dichloroethene	0.00097	U	0.00097	0.00022	mg/Kg	☼	10/05/25 16:02	10/06/25 11:05	1
1,2,3-Trichlorobenzene	0.00097	U	0.00097	0.00072	mg/Kg	☼	10/05/25 16:02	10/06/25 11:05	1
1,2,4-Trichlorobenzene	0.00097	U	0.00097	0.00035	mg/Kg	☼	10/05/25 16:02	10/06/25 11:05	1
1,2,4-Trimethylbenzene	0.00097	U	0.00097	0.00024	mg/Kg	☼	10/05/25 16:02	10/06/25 11:05	1
1,2-Dibromo-3-Chloropropane	0.00097	U	0.00097	0.00045	mg/Kg	☼	10/05/25 16:02	10/06/25 11:05	1
1,2-Dichlorobenzene	0.00097	U	0.00097	0.00035	mg/Kg	☼	10/05/25 16:02	10/06/25 11:05	1
1,2-Dichloroethane	0.00097	U	0.00097	0.00029	mg/Kg	☼	10/05/25 16:02	10/06/25 11:05	1
1,2-Dichloropropane	0.00097	U	0.00097	0.00041	mg/Kg	☼	10/05/25 16:02	10/06/25 11:05	1
1,3,5-Trimethylbenzene	0.00097	U	0.00097	0.00031	mg/Kg	☼	10/05/25 16:02	10/06/25 11:05	1
1,3-Dichlorobenzene	0.00097	U	0.00097	0.00036	mg/Kg	☼	10/05/25 16:02	10/06/25 11:05	1
1,4-Dichlorobenzene	0.00097	U	0.00097	0.00051	mg/Kg	☼	10/05/25 16:02	10/06/25 11:05	1
2-Butanone (MEK)	0.0049	U	0.0049	0.00036	mg/Kg	☼	10/05/25 16:02	10/06/25 11:05	1
2-Hexanone	0.0049	U	0.0049	0.0017	mg/Kg	☼	10/05/25 16:02	10/06/25 11:05	1
4-Methyl-2-pentanone (MIBK)	0.0049	U	0.0049	0.0015	mg/Kg	☼	10/05/25 16:02	10/06/25 11:05	1
Acetone	0.0058	U	0.0058	0.0056	mg/Kg	☼	10/05/25 16:02	10/06/25 11:05	1
Benzene	0.00097	U	0.00097	0.00055	mg/Kg	☼	10/05/25 16:02	10/06/25 11:05	1
Bromoform	0.00097	U	0.00097	0.00041	mg/Kg	☼	10/05/25 16:02	10/06/25 11:05	1
Bromomethane	0.0019	U	0.0019	0.00097	mg/Kg	☼	10/05/25 16:02	10/06/25 11:05	1
Carbon disulfide	0.00097	U	0.00097	0.00026	mg/Kg	☼	10/05/25 16:02	10/06/25 11:05	1
Carbon tetrachloride	0.00097	U	0.00097	0.00038	mg/Kg	☼	10/05/25 16:02	10/06/25 11:05	1
Chlorobenzene	0.00097	U	0.00097	0.00049	mg/Kg	☼	10/05/25 16:02	10/06/25 11:05	1
Chlorobromomethane	0.00097	U	0.00097	0.00058	mg/Kg	☼	10/05/25 16:02	10/06/25 11:05	1
Chlorodibromomethane	0.00097	U	0.00097	0.00052	mg/Kg	☼	10/05/25 16:02	10/06/25 11:05	1
Chloroethane	0.00097	U	0.00097	0.00051	mg/Kg	☼	10/05/25 16:02	10/06/25 11:05	1

Client Sample ID: 60A3_7-8

Date Collected: 10/01/25 09:00
Date Received: 10/01/25 16:15

Lab Sample ID: 460-336212-19

Matrix: Solid
Percent Solids: 94.0

Method: SW846 8260D - Volatile Organic Compounds by GC/MS (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloroform	0.00097	U	0.00097	0.00095	mg/Kg	☼	10/05/25 16:02	10/06/25 11:05	1
Chloromethane	0.00097	U	0.00097	0.00042	mg/Kg	☼	10/05/25 16:02	10/06/25 11:05	1
cis-1,2-Dichloroethene	0.00097	U	0.00097	0.00035	mg/Kg	☼	10/05/25 16:02	10/06/25 11:05	1
cis-1,3-Dichloropropene	0.00097	U	0.00097	0.00027	mg/Kg	☼	10/05/25 16:02	10/06/25 11:05	1
Cyclohexane	0.00097	U	0.00097	0.00022	mg/Kg	☼	10/05/25 16:02	10/06/25 11:05	1
Dichlorobromomethane	0.00097	U	0.00097	0.00025	mg/Kg	☼	10/05/25 16:02	10/06/25 11:05	1
Dichlorodifluoromethane	0.00097	U	0.00097	0.00033	mg/Kg	☼	10/05/25 16:02	10/06/25 11:05	1
Ethylbenzene	0.00097	U	0.00097	0.00046	mg/Kg	☼	10/05/25 16:02	10/06/25 11:05	1
Ethylene Dibromide	0.00097	U	0.00097	0.00049	mg/Kg	☼	10/05/25 16:02	10/06/25 11:05	1
Isopropylbenzene	0.00097	U	0.00097	0.00028	mg/Kg	☼	10/05/25 16:02	10/06/25 11:05	1
Methyl acetate	0.0049	U	0.0049	0.0042	mg/Kg	☼	10/05/25 16:02	10/06/25 11:05	1
Methyl tert-butyl ether	0.00097	U	0.00097	0.00050	mg/Kg	☼	10/05/25 16:02	10/06/25 11:05	1
Methylcyclohexane	0.00097	U *	0.00097	0.00049	mg/Kg	☼	10/05/25 16:02	10/06/25 11:05	1
Methylene Chloride	**0.0026**		0.0019	0.0011	mg/Kg	☼	10/05/25 16:02	10/06/25 11:05	1
m-Xylene & p-Xylene	0.00097	U	0.00097	0.00041	mg/Kg	☼	10/05/25 16:02	10/06/25 11:05	1
n-Butylbenzene	0.00097	U	0.00097	0.00029	mg/Kg	☼	10/05/25 16:02	10/06/25 11:05	1
N-Propylbenzene	0.00097	U	0.00097	0.00044	mg/Kg	☼	10/05/25 16:02	10/06/25 11:05	1
o-Xylene	0.00097	U	0.00097	0.00045	mg/Kg	☼	10/05/25 16:02	10/06/25 11:05	1
sec-Butylbenzene	0.00097	U	0.00097	0.00028	mg/Kg	☼	10/05/25 16:02	10/06/25 11:05	1
Styrene	0.00097	U	0.00097	0.00027	mg/Kg	☼	10/05/25 16:02	10/06/25 11:05	1
tert-Butylbenzene	0.00097	U *	0.00097	0.00027	mg/Kg	☼	10/05/25 16:02	10/06/25 11:05	1
Tetrachloroethene	0.00097	U	0.00097	0.00030	mg/Kg	☼	10/05/25 16:02	10/06/25 11:05	1
Toluene	0.00097	U	0.00097	0.00023	mg/Kg	☼	10/05/25 16:02	10/06/25 11:05	1
trans-1,2-Dichloroethene	0.00097	U	0.00097	0.00024	mg/Kg	☼	10/05/25 16:02	10/06/25 11:05	1
trans-1,3-Dichloropropene	0.00097	U	0.00097	0.00026	mg/Kg	☼	10/05/25 16:02	10/06/25 11:05	1
Trichloroethene	0.00097	U	0.00097	0.00031	mg/Kg	☼	10/05/25 16:02	10/06/25 11:05	1
Trichlorofluoromethane	0.00097	U	0.00097	0.00040	mg/Kg	☼	10/05/25 16:02	10/06/25 11:05	1
Vinyl chloride	0.00097	U	0.00097	0.00053	mg/Kg	☼	10/05/25 16:02	10/06/25 11:05	1
Xylenes, Total	0.0019	U	0.0019	0.00017	mg/Kg	☼	10/05/25 16:02	10/06/25 11:05	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,2-Dichloroethane-d4 (Surr)	*112*		*65 - 138*	*10/05/25 16:02*	*10/06/25 11:05*	*1*
4-Bromofluorobenzene	*101*		*71 - 128*	*10/05/25 16:02*	*10/06/25 11:05*	*1*
Dibromofluoromethane (Surr)	*112*		*50 - 150*	*10/05/25 16:02*	*10/06/25 11:05*	*1*
Toluene-d8 (Surr)	*96*		*71 - 126*	*10/05/25 16:02*	*10/06/25 11:05*	*1*

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Percent Moisture (EPA Moisture)	**6.0**		1.0	1.0	%			10/05/25 17:30	1
Percent Solids (EPA Moisture)	**94.0**		1.0	1.0	%			10/05/25 17:30	1

Client Sample ID: 60A1_3-4

Date Collected: 10/01/25 09:05
Date Received: 10/01/25 16:15

Lab Sample ID: 460-336212-20

Matrix: Solid
Percent Solids: 95.5

Method: SW846 8260D - Volatile Organic Compounds by GC/MS

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1-Trichloroethane	0.0012	U	0.0012	0.00028	mg/Kg	☼	10/05/25 16:02	10/06/25 11:28	1
1,1,2,2-Tetrachloroethane	0.0012	U	0.0012	0.00064	mg/Kg	☼	10/05/25 16:02	10/06/25 11:28	1
1,1,2-Trichloro-1,2,2-trifluoroethane	0.0012	U	0.0012	0.00037	mg/Kg	☼	10/05/25 16:02	10/06/25 11:28	1

Client Sample ID: 60A1_3-4
Date Collected: 10/01/25 09:05
Date Received: 10/01/25 16:15

Lab Sample ID: 460-336212-20
Matrix: Solid
Percent Solids: 95.5

Method: SW846 8260D - Volatile Organic Compounds by GC/MS (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,2-Trichloroethane	0.0012	U	0.0012	0.00073	mg/Kg	☼	10/05/25 16:02	10/06/25 11:28	1
1,1-Dichloroethane	0.0012	U	0.0012	0.00073	mg/Kg	☼	10/05/25 16:02	10/06/25 11:28	1
1,1-Dichloroethene	0.0012	U	0.0012	0.00027	mg/Kg	☼	10/05/25 16:02	10/06/25 11:28	1
1,2,3-Trichlorobenzene	0.0012	U	0.0012	0.00090	mg/Kg	☼	10/05/25 16:02	10/06/25 11:28	1
1,2,4-Trichlorobenzene	0.0012	U	0.0012	0.00044	mg/Kg	☼	10/05/25 16:02	10/06/25 11:28	1
1,2,4-Trimethylbenzene	0.0012	U	0.0012	0.00030	mg/Kg	☼	10/05/25 16:02	10/06/25 11:28	1
1,2-Dibromo-3-Chloropropane	0.0012	U	0.0012	0.00056	mg/Kg	☼	10/05/25 16:02	10/06/25 11:28	1
1,2-Dichlorobenzene	0.0012	U	0.0012	0.00044	mg/Kg	☼	10/05/25 16:02	10/06/25 11:28	1
1,2-Dichloroethane	0.0012	U	0.0012	0.00036	mg/Kg	☼	10/05/25 16:02	10/06/25 11:28	1
1,2-Dichloropropane	0.0012	U	0.0012	0.00052	mg/Kg	☼	10/05/25 16:02	10/06/25 11:28	1
1,3,5-Trimethylbenzene	0.0012	U	0.0012	0.00038	mg/Kg	☼	10/05/25 16:02	10/06/25 11:28	1
1,3-Dichlorobenzene	0.0012	U	0.0012	0.00044	mg/Kg	☼	10/05/25 16:02	10/06/25 11:28	1
1,4-Dichlorobenzene	0.0012	U	0.0012	0.00063	mg/Kg	☼	10/05/25 16:02	10/06/25 11:28	1
2-Butanone (MEK)	0.0061	U	0.0061	0.00045	mg/Kg	☼	10/05/25 16:02	10/06/25 11:28	1
2-Hexanone	0.0061	U	0.0061	0.0021	mg/Kg	☼	10/05/25 16:02	10/06/25 11:28	1
4-Methyl-2-pentanone (MIBK)	0.0061	U	0.0061	0.0019	mg/Kg	☼	10/05/25 16:02	10/06/25 11:28	1
Acetone	0.0073	U	0.0073	0.0070	mg/Kg	☼	10/05/25 16:02	10/06/25 11:28	1
Benzene	0.0012	U	0.0012	0.00069	mg/Kg	☼	10/05/25 16:02	10/06/25 11:28	1
Bromoform	0.0012	U	0.0012	0.00052	mg/Kg	☼	10/05/25 16:02	10/06/25 11:28	1
Bromomethane	0.0024	U	0.0024	0.0012	mg/Kg	☼	10/05/25 16:02	10/06/25 11:28	1
Carbon disulfide	0.0012	U	0.0012	0.00032	mg/Kg	☼	10/05/25 16:02	10/06/25 11:28	1
Carbon tetrachloride	0.0012	U	0.0012	0.00047	mg/Kg	☼	10/05/25 16:02	10/06/25 11:28	1
Chlorobenzene	0.0012	U	0.0012	0.00062	mg/Kg	☼	10/05/25 16:02	10/06/25 11:28	1
Chlorobromomethane	0.0012	U	0.0012	0.00073	mg/Kg	☼	10/05/25 16:02	10/06/25 11:28	1
Chlorodibromomethane	0.0012	U	0.0012	0.00065	mg/Kg	☼	10/05/25 16:02	10/06/25 11:28	1
Chloroethane	0.0012	U	0.0012	0.00064	mg/Kg	☼	10/05/25 16:02	10/06/25 11:28	1
Chloroform	0.0012	U	0.0012	0.0012	mg/Kg	☼	10/05/25 16:02	10/06/25 11:28	1
Chloromethane	0.0012	U	0.0012	0.00053	mg/Kg	☼	10/05/25 16:02	10/06/25 11:28	1
cis-1,2-Dichloroethene	0.0012	U	0.0012	0.00044	mg/Kg	☼	10/05/25 16:02	10/06/25 11:28	1
cis-1,3-Dichloropropene	0.0012	U	0.0012	0.00033	mg/Kg	☼	10/05/25 16:02	10/06/25 11:28	1
Cyclohexane	0.0012	U	0.0012	0.00027	mg/Kg	☼	10/05/25 16:02	10/06/25 11:28	1
Dichlorobromomethane	0.0012	U	0.0012	0.00031	mg/Kg	☼	10/05/25 16:02	10/06/25 11:28	1
Dichlorodifluoromethane	0.0012	U	0.0012	0.00041	mg/Kg	☼	10/05/25 16:02	10/06/25 11:28	1
Ethylbenzene	0.0012	U	0.0012	0.00057	mg/Kg	☼	10/05/25 16:02	10/06/25 11:28	1
Ethylene Dibromide	0.0012	U	0.0012	0.00061	mg/Kg	☼	10/05/25 16:02	10/06/25 11:28	1
Isopropylbenzene	0.0012	U	0.0012	0.00035	mg/Kg	☼	10/05/25 16:02	10/06/25 11:28	1
Methyl acetate	0.0061	U	0.0061	0.0052	mg/Kg	☼	10/05/25 16:02	10/06/25 11:28	1
Methyl tert-butyl ether	0.0012	U	0.0012	0.00062	mg/Kg	☼	10/05/25 16:02	10/06/25 11:28	1
Methylcyclohexane	0.0012	U *	0.0012	0.00061	mg/Kg	☼	10/05/25 16:02	10/06/25 11:28	1
Methylene Chloride	**0.0043**		0.0024	0.0014	mg/Kg	☼	10/05/25 16:02	10/06/25 11:28	1
m-Xylene & p-Xylene	0.0012	U	0.0012	0.00052	mg/Kg	☼	10/05/25 16:02	10/06/25 11:28	1
n-Butylbenzene	0.0012	U	0.0012	0.00036	mg/Kg	☼	10/05/25 16:02	10/06/25 11:28	1
N-Propylbenzene	0.0012	U	0.0012	0.00055	mg/Kg	☼	10/05/25 16:02	10/06/25 11:28	1
o-Xylene	0.0012	U	0.0012	0.00056	mg/Kg	☼	10/05/25 16:02	10/06/25 11:28	1
sec-Butylbenzene	0.0012	U	0.0012	0.00035	mg/Kg	☼	10/05/25 16:02	10/06/25 11:28	1
Styrene	0.0012	U	0.0012	0.00034	mg/Kg	☼	10/05/25 16:02	10/06/25 11:28	1
tert-Butylbenzene	0.0012	U *	0.0012	0.00034	mg/Kg	☼	10/05/25 16:02	10/06/25 11:28	1
Tetrachloroethene	0.0012	U	0.0012	0.00037	mg/Kg	☼	10/05/25 16:02	10/06/25 11:28	1
Toluene	0.0012	U	0.0012	0.00029	mg/Kg	☼	10/05/25 16:02	10/06/25 11:28	1

Client Sample ID: 60A1_3-4

Date Collected: 10/01/25 09:05
Date Received: 10/01/25 16:15

Lab Sample ID: 460-336212-20

Matrix: Solid
Percent Solids: 95.5

Method: SW846 8260D - Volatile Organic Compounds by GC/MS (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
trans-1,2-Dichloroethene	0.0012	U	0.0012	0.00030	mg/Kg	☼	10/05/25 16:02	10/06/25 11:28	1
trans-1,3-Dichloropropene	0.0012	U	0.0012	0.00032	mg/Kg	☼	10/05/25 16:02	10/06/25 11:28	1
Trichloroethene	0.0012	U	0.0012	0.00039	mg/Kg	☼	10/05/25 16:02	10/06/25 11:28	1
Trichlorofluoromethane	0.0012	U	0.0012	0.00049	mg/Kg	☼	10/05/25 16:02	10/06/25 11:28	1
Vinyl chloride	0.0012	U	0.0012	0.00067	mg/Kg	☼	10/05/25 16:02	10/06/25 11:28	1
Xylenes, Total	0.0024	U	0.0024	0.00021	mg/Kg	☼	10/05/25 16:02	10/06/25 11:28	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,2-Dichloroethane-d4 (Surr)	*110*		*65 - 138*	*10/05/25 16:02*	*10/06/25 11:28*	*1*
4-Bromofluorobenzene	*103*		*71 - 128*	*10/05/25 16:02*	*10/06/25 11:28*	*1*
Dibromofluoromethane (Surr)	*111*		*50 - 150*	*10/05/25 16:02*	*10/06/25 11:28*	*1*
Toluene-d8 (Surr)	*97*		*71 - 126*	*10/05/25 16:02*	*10/06/25 11:28*	*1*

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Percent Moisture (EPA Moisture)	**4.5**		1.0	1.0	%			10/05/25 17:30	1
Percent Solids (EPA Moisture)	**95.5**		1.0	1.0	%			10/05/25 17:30	1

Client Sample ID: 60A2_4-5

Date Collected: 10/01/25 09:10
Date Received: 10/01/25 16:15

Lab Sample ID: 460-336212-21

Matrix: Solid
Percent Solids: 89.6

Method: SW846 8260D - Volatile Organic Compounds by GC/MS

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1-Trichloroethane	0.00089	U	0.00089	0.00021	mg/Kg	☼	10/05/25 16:02	10/06/25 11:51	1
1,1,2,2-Tetrachloroethane	0.00089	U	0.00089	0.00047	mg/Kg	☼	10/05/25 16:02	10/06/25 11:51	1
1,1,2-Trichloro-1,2,2-trifluoroethane	0.00089	U	0.00089	0.00027	mg/Kg	☼	10/05/25 16:02	10/06/25 11:51	1
1,1,2-Trichloroethane	0.00089	U	0.00089	0.00054	mg/Kg	☼	10/05/25 16:02	10/06/25 11:51	1
1,1-Dichloroethane	0.00089	U	0.00089	0.00053	mg/Kg	☼	10/05/25 16:02	10/06/25 11:51	1
1,1-Dichloroethene	0.00089	U	0.00089	0.00020	mg/Kg	☼	10/05/25 16:02	10/06/25 11:51	1
1,2,3-Trichlorobenzene	0.00089	U	0.00089	0.00066	mg/Kg	☼	10/05/25 16:02	10/06/25 11:51	1
1,2,4-Trichlorobenzene	0.00089	U	0.00089	0.00032	mg/Kg	☼	10/05/25 16:02	10/06/25 11:51	1
1,2,4-Trimethylbenzene	0.00089	U	0.00089	0.00022	mg/Kg	☼	10/05/25 16:02	10/06/25 11:51	1
1,2-Dibromo-3-Chloropropane	0.00089	U	0.00089	0.00041	mg/Kg	☼	10/05/25 16:02	10/06/25 11:51	1
1,2-Dichlorobenzene	0.00089	U	0.00089	0.00032	mg/Kg	☼	10/05/25 16:02	10/06/25 11:51	1
1,2-Dichloroethane	0.00089	U	0.00089	0.00026	mg/Kg	☼	10/05/25 16:02	10/06/25 11:51	1
1,2-Dichloropropane	0.00089	U	0.00089	0.00038	mg/Kg	☼	10/05/25 16:02	10/06/25 11:51	1
1,3,5-Trimethylbenzene	0.00089	U	0.00089	0.00028	mg/Kg	☼	10/05/25 16:02	10/06/25 11:51	1
1,3-Dichlorobenzene	0.00089	U	0.00089	0.00033	mg/Kg	☼	10/05/25 16:02	10/06/25 11:51	1
1,4-Dichlorobenzene	0.00089	U	0.00089	0.00046	mg/Kg	☼	10/05/25 16:02	10/06/25 11:51	1
2-Butanone (MEK)	0.0045	U	0.0045	0.00033	mg/Kg	☼	10/05/25 16:02	10/06/25 11:51	1
2-Hexanone	0.0045	U	0.0045	0.0015	mg/Kg	☼	10/05/25 16:02	10/06/25 11:51	1
4-Methyl-2-pentanone (MIBK)	0.0045	U	0.0045	0.0014	mg/Kg	☼	10/05/25 16:02	10/06/25 11:51	1
Acetone	0.0053	U	0.0053	0.0051	mg/Kg	☼	10/05/25 16:02	10/06/25 11:51	1
Benzene	0.00089	U	0.00089	0.00051	mg/Kg	☼	10/05/25 16:02	10/06/25 11:51	1
Bromoform	0.00089	U	0.00089	0.00038	mg/Kg	☼	10/05/25 16:02	10/06/25 11:51	1
Bromomethane	0.0018	U	0.0018	0.00089	mg/Kg	☼	10/05/25 16:02	10/06/25 11:51	1
Carbon disulfide	0.00089	U	0.00089	0.00024	mg/Kg	☼	10/05/25 16:02	10/06/25 11:51	1
Carbon tetrachloride	0.00089	U	0.00089	0.00034	mg/Kg	☼	10/05/25 16:02	10/06/25 11:51	1
Chlorobenzene	0.00089	U	0.00089	0.00045	mg/Kg	☼	10/05/25 16:02	10/06/25 11:51	1

Client: Haley & Aldrich, Inc.
Project/Site: Former Port Mobil

Job ID: 460-336212-1

Client Sample ID: 60A2_4-5
Date Collected: 10/01/25 09:10
Date Received: 10/01/25 16:15

Lab Sample ID: 460-336212-21
Matrix: Solid
Percent Solids: 89.6

Method: SW846 8260D - Volatile Organic Compounds by GC/MS (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chlorobromomethane	0.00089	U	0.00089	0.00053	mg/Kg	☼	10/05/25 16:02	10/06/25 11:51	1
Chlorodibromomethane	0.00089	U	0.00089	0.00048	mg/Kg	☼	10/05/25 16:02	10/06/25 11:51	1
Chloroethane	0.00089	U	0.00089	0.00047	mg/Kg	☼	10/05/25 16:02	10/06/25 11:51	1
Chloroform	0.00089	U	0.00089	0.00087	mg/Kg	☼	10/05/25 16:02	10/06/25 11:51	1
Chloromethane	0.00089	U	0.00089	0.00039	mg/Kg	☼	10/05/25 16:02	10/06/25 11:51	1
cis-1,2-Dichloroethene	0.00089	U	0.00089	0.00032	mg/Kg	☼	10/05/25 16:02	10/06/25 11:51	1
cis-1,3-Dichloropropene	0.00089	U	0.00089	0.00024	mg/Kg	☼	10/05/25 16:02	10/06/25 11:51	1
Cyclohexane	0.00089	U	0.00089	0.00020	mg/Kg	☼	10/05/25 16:02	10/06/25 11:51	1
Dichlorobromomethane	0.00089	U	0.00089	0.00023	mg/Kg	☼	10/05/25 16:02	10/06/25 11:51	1
Dichlorodifluoromethane	0.00089	U	0.00089	0.00030	mg/Kg	☼	10/05/25 16:02	10/06/25 11:51	1
Ethylbenzene	0.00089	U	0.00089	0.00042	mg/Kg	☼	10/05/25 16:02	10/06/25 11:51	1
Ethylene Dibromide	0.00089	U	0.00089	0.00045	mg/Kg	☼	10/05/25 16:02	10/06/25 11:51	1
Isopropylbenzene	0.00089	U	0.00089	0.00025	mg/Kg	☼	10/05/25 16:02	10/06/25 11:51	1
Methyl acetate	0.0045	U	0.0045	0.0038	mg/Kg	☼	10/05/25 16:02	10/06/25 11:51	1
Methyl tert-butyl ether	0.00089	U	0.00089	0.00046	mg/Kg	☼	10/05/25 16:02	10/06/25 11:51	1
Methylcyclohexane	0.00089	U *	0.00089	0.00044	mg/Kg	☼	10/05/25 16:02	10/06/25 11:51	1
Methylene Chloride	**0.0022**		0.0018	0.0010	mg/Kg	☼	10/05/25 16:02	10/06/25 11:51	1
m-Xylene & p-Xylene	0.00089	U	0.00089	0.00038	mg/Kg	☼	10/05/25 16:02	10/06/25 11:51	1
n-Butylbenzene	0.00089	U	0.00089	0.00026	mg/Kg	☼	10/05/25 16:02	10/06/25 11:51	1
N-Propylbenzene	0.00089	U	0.00089	0.00040	mg/Kg	☼	10/05/25 16:02	10/06/25 11:51	1
o-Xylene	0.00089	U	0.00089	0.00041	mg/Kg	☼	10/05/25 16:02	10/06/25 11:51	1
sec-Butylbenzene	0.00089	U	0.00089	0.00026	mg/Kg	☼	10/05/25 16:02	10/06/25 11:51	1
Styrene	0.00089	U	0.00089	0.00025	mg/Kg	☼	10/05/25 16:02	10/06/25 11:51	1
tert-Butylbenzene	0.00089	U *	0.00089	0.00025	mg/Kg	☼	10/05/25 16:02	10/06/25 11:51	1
Tetrachloroethene	0.00089	U	0.00089	0.00027	mg/Kg	☼	10/05/25 16:02	10/06/25 11:51	1
Toluene	0.00089	U	0.00089	0.00021	mg/Kg	☼	10/05/25 16:02	10/06/25 11:51	1
trans-1,2-Dichloroethene	0.00089	U	0.00089	0.00022	mg/Kg	☼	10/05/25 16:02	10/06/25 11:51	1
trans-1,3-Dichloropropene	0.00089	U	0.00089	0.00024	mg/Kg	☼	10/05/25 16:02	10/06/25 11:51	1
Trichloroethene	0.00089	U	0.00089	0.00029	mg/Kg	☼	10/05/25 16:02	10/06/25 11:51	1
Trichlorofluoromethane	0.00089	U	0.00089	0.00036	mg/Kg	☼	10/05/25 16:02	10/06/25 11:51	1
Vinyl chloride	0.00089	U	0.00089	0.00049	mg/Kg	☼	10/05/25 16:02	10/06/25 11:51	1
Xylenes, Total	0.0018	U	0.0018	0.00016	mg/Kg	☼	10/05/25 16:02	10/06/25 11:51	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,2-Dichloroethane-d4 (Surr)	*109*		*65 - 138*	*10/05/25 16:02*	*10/06/25 11:51*	*1*
4-Bromofluorobenzene	*100*		*71 - 128*	*10/05/25 16:02*	*10/06/25 11:51*	*1*
Dibromofluoromethane (Surr)	*111*		*50 - 150*	*10/05/25 16:02*	*10/06/25 11:51*	*1*
Toluene-d8 (Surr)	*97*		*71 - 126*	*10/05/25 16:02*	*10/06/25 11:51*	*1*

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Percent Moisture (EPA Moisture)	**10.4**		1.0	1.0	%			10/05/25 17:30	1
Percent Solids (EPA Moisture)	**89.6**		1.0	1.0	%			10/05/25 17:30	1

Client Sample ID: 60A3_5-6
Date Collected: 10/01/25 09:15
Date Received: 10/01/25 16:15

Lab Sample ID: 460-336212-22
Matrix: Solid
Percent Solids: 93.0

Method: SW846 8260D - Volatile Organic Compounds by GC/MS

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1-Trichloroethane	0.0010	U	0.0010	0.00024	mg/Kg	☼	10/05/25 16:03	10/06/25 12:15	1
1,1,2,2-Tetrachloroethane	0.0010	U	0.0010	0.00054	mg/Kg	☼	10/05/25 16:03	10/06/25 12:15	1
1,1,2-Trichloro-1,2,2-trifluoroethane	0.0010	U	0.0010	0.00031	mg/Kg	☼	10/05/25 16:03	10/06/25 12:15	1
1,1,2-Trichloroethane	0.0010	U	0.0010	0.00062	mg/Kg	☼	10/05/25 16:03	10/06/25 12:15	1
1,1-Dichloroethane	0.0010	U	0.0010	0.00062	mg/Kg	☼	10/05/25 16:03	10/06/25 12:15	1
1,1-Dichloroethene	0.0010	U	0.0010	0.00023	mg/Kg	☼	10/05/25 16:03	10/06/25 12:15	1
1,2,3-Trichlorobenzene	0.0010	U	0.0010	0.00077	mg/Kg	☼	10/05/25 16:03	10/06/25 12:15	1
1,2,4-Trichlorobenzene	0.0010	U	0.0010	0.00037	mg/Kg	☼	10/05/25 16:03	10/06/25 12:15	1
1,2,4-Trimethylbenzene	0.0010	U	0.0010	0.00026	mg/Kg	☼	10/05/25 16:03	10/06/25 12:15	1
1,2-Dibromo-3-Chloropropane	0.0010	U	0.0010	0.00048	mg/Kg	☼	10/05/25 16:03	10/06/25 12:15	1
1,2-Dichlorobenzene	0.0010	U	0.0010	0.00037	mg/Kg	☼	10/05/25 16:03	10/06/25 12:15	1
1,2-Dichloroethane	0.0010	U	0.0010	0.00031	mg/Kg	☼	10/05/25 16:03	10/06/25 12:15	1
1,2-Dichloropropane	0.0010	U	0.0010	0.00044	mg/Kg	☼	10/05/25 16:03	10/06/25 12:15	1
1,3,5-Trimethylbenzene	0.0010	U	0.0010	0.00033	mg/Kg	☼	10/05/25 16:03	10/06/25 12:15	1
1,3-Dichlorobenzene	0.0010	U	0.0010	0.00038	mg/Kg	☼	10/05/25 16:03	10/06/25 12:15	1
1,4-Dichlorobenzene	0.0010	U	0.0010	0.00054	mg/Kg	☼	10/05/25 16:03	10/06/25 12:15	1
2-Butanone (MEK)	0.0052	U	0.0052	0.00038	mg/Kg	☼	10/05/25 16:03	10/06/25 12:15	1
2-Hexanone	0.0052	U	0.0052	0.0018	mg/Kg	☼	10/05/25 16:03	10/06/25 12:15	1
4-Methyl-2-pentanone (MIBK)	0.0052	U	0.0052	0.0016	mg/Kg	☼	10/05/25 16:03	10/06/25 12:15	1
Acetone	0.0062	U	0.0062	0.0059	mg/Kg	☼	10/05/25 16:03	10/06/25 12:15	1
Benzene	0.0010	U	0.0010	0.00059	mg/Kg	☼	10/05/25 16:03	10/06/25 12:15	1
Bromoform	0.0010	U	0.0010	0.00044	mg/Kg	☼	10/05/25 16:03	10/06/25 12:15	1
Bromomethane	0.0021	U	0.0021	0.0010	mg/Kg	☼	10/05/25 16:03	10/06/25 12:15	1
Carbon disulfide	0.0010	U	0.0010	0.00028	mg/Kg	☼	10/05/25 16:03	10/06/25 12:15	1
Carbon tetrachloride	0.0010	U	0.0010	0.00040	mg/Kg	☼	10/05/25 16:03	10/06/25 12:15	1
Chlorobenzene	0.0010	U	0.0010	0.00053	mg/Kg	☼	10/05/25 16:03	10/06/25 12:15	1
Chlorobromomethane	0.0010	U	0.0010	0.00062	mg/Kg	☼	10/05/25 16:03	10/06/25 12:15	1
Chlorodibromomethane	0.0010	U	0.0010	0.00056	mg/Kg	☼	10/05/25 16:03	10/06/25 12:15	1
Chloroethane	0.0010	U	0.0010	0.00054	mg/Kg	☼	10/05/25 16:03	10/06/25 12:15	1
Chloroform	0.0010	U	0.0010	0.0010	mg/Kg	☼	10/05/25 16:03	10/06/25 12:15	1
Chloromethane	0.0010	U	0.0010	0.00045	mg/Kg	☼	10/05/25 16:03	10/06/25 12:15	1
cis-1,2-Dichloroethene	0.0010	U	0.0010	0.00037	mg/Kg	☼	10/05/25 16:03	10/06/25 12:15	1
cis-1,3-Dichloropropene	0.0010	U	0.0010	0.00028	mg/Kg	☼	10/05/25 16:03	10/06/25 12:15	1
Cyclohexane	0.0010	U	0.0010	0.00023	mg/Kg	☼	10/05/25 16:03	10/06/25 12:15	1
Dichlorobromomethane	0.0010	U	0.0010	0.00027	mg/Kg	☼	10/05/25 16:03	10/06/25 12:15	1
Dichlorodifluoromethane	0.0010	U	0.0010	0.00035	mg/Kg	☼	10/05/25 16:03	10/06/25 12:15	1
Ethylbenzene	0.0010	U	0.0010	0.00049	mg/Kg	☼	10/05/25 16:03	10/06/25 12:15	1
Ethylene Dibromide	0.0010	U	0.0010	0.00052	mg/Kg	☼	10/05/25 16:03	10/06/25 12:15	1
Isopropylbenzene	0.0010	U	0.0010	0.00030	mg/Kg	☼	10/05/25 16:03	10/06/25 12:15	1
Methyl acetate	0.0052	U	0.0052	0.0045	mg/Kg	☼	10/05/25 16:03	10/06/25 12:15	1
Methyl tert-butyl ether	0.0010	U	0.0010	0.00053	mg/Kg	☼	10/05/25 16:03	10/06/25 12:15	1
Methylcyclohexane	0.0010	U *	0.0010	0.00052	mg/Kg	☼	10/05/25 16:03	10/06/25 12:15	1
Methylene Chloride	**0.0020**	**J**	0.0021	0.0012	mg/Kg	☼	10/05/25 16:03	10/06/25 12:15	1
m-Xylene & p-Xylene	0.0010	U	0.0010	0.00044	mg/Kg	☼	10/05/25 16:03	10/06/25 12:15	1
n-Butylbenzene	0.0010	U	0.0010	0.00031	mg/Kg	☼	10/05/25 16:03	10/06/25 12:15	1
N-Propylbenzene	0.0010	U	0.0010	0.00047	mg/Kg	☼	10/05/25 16:03	10/06/25 12:15	1
o-Xylene	0.0010	U	0.0010	0.00048	mg/Kg	☼	10/05/25 16:03	10/06/25 12:15	1
sec-Butylbenzene	0.0010	U	0.0010	0.00030	mg/Kg	☼	10/05/25 16:03	10/06/25 12:15	1
Styrene	0.0010	U	0.0010	0.00029	mg/Kg	☼	10/05/25 16:03	10/06/25 12:15	1

Client Sample ID: 60A3_5-6

Lab Sample ID: 460-336212-22

Date Collected: 10/01/25 09:15
Matrix: Solid
Date Received: 10/01/25 16:15
Percent Solids: 93.0

Method: SW846 8260D - Volatile Organic Compounds by GC/MS (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
tert-Butylbenzene	0.0010	U *	0.0010	0.00029	mg/Kg	☼	10/05/25 16:03	10/06/25 12:15	1
Tetrachloroethene	0.0010	U	0.0010	0.00032	mg/Kg	☼	10/05/25 16:03	10/06/25 12:15	1
Toluene	0.0010	U	0.0010	0.00024	mg/Kg	☼	10/05/25 16:03	10/06/25 12:15	1
trans-1,2-Dichloroethene	0.0010	U	0.0010	0.00026	mg/Kg	☼	10/05/25 16:03	10/06/25 12:15	1
trans-1,3-Dichloropropene	0.0010	U	0.0010	0.00028	mg/Kg	☼	10/05/25 16:03	10/06/25 12:15	1
Trichloroethene	0.0010	U	0.0010	0.00033	mg/Kg	☼	10/05/25 16:03	10/06/25 12:15	1
Trichlorofluoromethane	0.0010	U	0.0010	0.00042	mg/Kg	☼	10/05/25 16:03	10/06/25 12:15	1
Vinyl chloride	0.0010	U	0.0010	0.00057	mg/Kg	☼	10/05/25 16:03	10/06/25 12:15	1
Xylenes, Total	0.0021	U	0.0021	0.00018	mg/Kg	☼	10/05/25 16:03	10/06/25 12:15	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,2-Dichloroethane-d4 (Surr)	*109*		*65 - 138*	*10/05/25 16:03*	*10/06/25 12:15*	*1*
4-Bromofluorobenzene	*100*		*71 - 128*	*10/05/25 16:03*	*10/06/25 12:15*	*1*
Dibromofluoromethane (Surr)	*112*		*50 - 150*	*10/05/25 16:03*	*10/06/25 12:15*	*1*
Toluene-d8 (Surr)	*97*		*71 - 126*	*10/05/25 16:03*	*10/06/25 12:15*	*1*

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Percent Moisture (EPA Moisture)	**7.0**		1.0	1.0	%			10/05/25 17:30	1
Percent Solids (EPA Moisture)	**93.0**		1.0	1.0	%			10/05/25 17:30	1

Client Sample ID: 60A1_6-7

Lab Sample ID: 460-336212-23

Date Collected: 10/01/25 09:20
Matrix: Solid
Date Received: 10/01/25 16:15
Percent Solids: 95.1

Method: SW846 8260D - Volatile Organic Compounds by GC/MS

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1-Trichloroethane	0.0011	U	0.0011	0.00027	mg/Kg	☼	10/05/25 16:03	10/06/25 12:39	1
1,1,2,2-Tetrachloroethane	0.0011	U	0.0011	0.00060	mg/Kg	☼	10/05/25 16:03	10/06/25 12:39	1
1,1,2-Trichloro-1,2,2-trifluoroethane	0.0011	U	0.0011	0.00034	mg/Kg	☼	10/05/25 16:03	10/06/25 12:39	1
1,1,2-Trichloroethane	0.0011	U	0.0011	0.00069	mg/Kg	☼	10/05/25 16:03	10/06/25 12:39	1
1,1-Dichloroethane	0.0011	U	0.0011	0.00068	mg/Kg	☼	10/05/25 16:03	10/06/25 12:39	1
1,1-Dichloroethene	0.0011	U	0.0011	0.00026	mg/Kg	☼	10/05/25 16:03	10/06/25 12:39	1
1,2,3-Trichlorobenzene	0.0011	U	0.0011	0.00084	mg/Kg	☼	10/05/25 16:03	10/06/25 12:39	1
1,2,4-Trichlorobenzene	0.0011	U	0.0011	0.00041	mg/Kg	☼	10/05/25 16:03	10/06/25 12:39	1
1,2,4-Trimethylbenzene	0.0011	U	0.0011	0.00028	mg/Kg	☼	10/05/25 16:03	10/06/25 12:39	1
1,2-Dibromo-3-Chloropropane	0.0011	U	0.0011	0.00052	mg/Kg	☼	10/05/25 16:03	10/06/25 12:39	1
1,2-Dichlorobenzene	0.0011	U	0.0011	0.00041	mg/Kg	☼	10/05/25 16:03	10/06/25 12:39	1
1,2-Dichloroethane	0.0011	U	0.0011	0.00034	mg/Kg	☼	10/05/25 16:03	10/06/25 12:39	1
1,2-Dichloropropane	0.0011	U	0.0011	0.00048	mg/Kg	☼	10/05/25 16:03	10/06/25 12:39	1
1,3,5-Trimethylbenzene	0.0011	U	0.0011	0.00036	mg/Kg	☼	10/05/25 16:03	10/06/25 12:39	1
1,3-Dichlorobenzene	0.0011	U	0.0011	0.00042	mg/Kg	☼	10/05/25 16:03	10/06/25 12:39	1
1,4-Dichlorobenzene	0.0011	U	0.0011	0.00059	mg/Kg	☼	10/05/25 16:03	10/06/25 12:39	1
2-Butanone (MEK)	0.0057	U	0.0057	0.00042	mg/Kg	☼	10/05/25 16:03	10/06/25 12:39	1
2-Hexanone	0.0057	U	0.0057	0.0020	mg/Kg	☼	10/05/25 16:03	10/06/25 12:39	1
4-Methyl-2-pentanone (MIBK)	0.0057	U	0.0057	0.0018	mg/Kg	☼	10/05/25 16:03	10/06/25 12:39	1
Acetone	0.0068	U	0.0068	0.0065	mg/Kg	☼	10/05/25 16:03	10/06/25 12:39	1
Benzene	0.0011	U	0.0011	0.00065	mg/Kg	☼	10/05/25 16:03	10/06/25 12:39	1
Bromoform	0.0011	U	0.0011	0.00048	mg/Kg	☼	10/05/25 16:03	10/06/25 12:39	1
Bromomethane	0.0023	U	0.0023	0.0011	mg/Kg	☼	10/05/25 16:03	10/06/25 12:39	1

Client Sample ID: 60A1_6-7
Date Collected: 10/01/25 09:20
Date Received: 10/01/25 16:15

Lab Sample ID: 460-336212-23
Matrix: Solid
Percent Solids: 95.1

Method: SW846 8260D - Volatile Organic Compounds by GC/MS (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Carbon disulfide	0.0011	U	0.0011	0.00030	mg/Kg	☼	10/05/25 16:03	10/06/25 12:39	1
Carbon tetrachloride	0.0011	U	0.0011	0.00044	mg/Kg	☼	10/05/25 16:03	10/06/25 12:39	1
Chlorobenzene	0.0011	U	0.0011	0.00058	mg/Kg	☼	10/05/25 16:03	10/06/25 12:39	1
Chlorobromomethane	0.0011	U	0.0011	0.00068	mg/Kg	☼	10/05/25 16:03	10/06/25 12:39	1
Chlorodibromomethane	0.0011	U	0.0011	0.00061	mg/Kg	☼	10/05/25 16:03	10/06/25 12:39	1
Chloroethane	0.0011	U	0.0011	0.00060	mg/Kg	☼	10/05/25 16:03	10/06/25 12:39	1
Chloroform	0.0011	U	0.0011	0.0011	mg/Kg	☼	10/05/25 16:03	10/06/25 12:39	1
Chloromethane	0.0011	U	0.0011	0.00050	mg/Kg	☼	10/05/25 16:03	10/06/25 12:39	1
cis-1,2-Dichloroethene	0.0011	U	0.0011	0.00041	mg/Kg	☼	10/05/25 16:03	10/06/25 12:39	1
cis-1,3-Dichloropropene	0.0011	U	0.0011	0.00031	mg/Kg	☼	10/05/25 16:03	10/06/25 12:39	1
Cyclohexane	0.0011	U	0.0011	0.00025	mg/Kg	☼	10/05/25 16:03	10/06/25 12:39	1
Dichlorobromomethane	0.0011	U	0.0011	0.00029	mg/Kg	☼	10/05/25 16:03	10/06/25 12:39	1
Dichlorodifluoromethane	0.0011	U	0.0011	0.00039	mg/Kg	☼	10/05/25 16:03	10/06/25 12:39	1
Ethylbenzene	0.0011	U	0.0011	0.00053	mg/Kg	☼	10/05/25 16:03	10/06/25 12:39	1
Ethylene Dibromide	0.0011	U	0.0011	0.00058	mg/Kg	☼	10/05/25 16:03	10/06/25 12:39	1
Isopropylbenzene	0.0011	U	0.0011	0.00033	mg/Kg	☼	10/05/25 16:03	10/06/25 12:39	1
Methyl acetate	0.0057	U	0.0057	0.0049	mg/Kg	☼	10/05/25 16:03	10/06/25 12:39	1
Methyl tert-butyl ether	0.0011	U	0.0011	0.00058	mg/Kg	☼	10/05/25 16:03	10/06/25 12:39	1
Methylcyclohexane	0.0011	U *	0.0011	0.00057	mg/Kg	☼	10/05/25 16:03	10/06/25 12:39	1
Methylene Chloride	**0.0026**		0.0023	0.0013	mg/Kg	☼	10/05/25 16:03	10/06/25 12:39	1
m-Xylene & p-Xylene	0.0011	U	0.0011	0.00048	mg/Kg	☼	10/05/25 16:03	10/06/25 12:39	1
n-Butylbenzene	0.0011	U	0.0011	0.00034	mg/Kg	☼	10/05/25 16:03	10/06/25 12:39	1
N-Propylbenzene	0.0011	U	0.0011	0.00051	mg/Kg	☼	10/05/25 16:03	10/06/25 12:39	1
o-Xylene	0.0011	U	0.0011	0.00053	mg/Kg	☼	10/05/25 16:03	10/06/25 12:39	1
sec-Butylbenzene	0.0011	U	0.0011	0.00033	mg/Kg	☼	10/05/25 16:03	10/06/25 12:39	1
Styrene	0.0011	U	0.0011	0.00032	mg/Kg	☼	10/05/25 16:03	10/06/25 12:39	1
tert-Butylbenzene	0.0011	U *	0.0011	0.00031	mg/Kg	☼	10/05/25 16:03	10/06/25 12:39	1
Tetrachloroethene	0.0011	U	0.0011	0.00035	mg/Kg	☼	10/05/25 16:03	10/06/25 12:39	1
Toluene	0.0011	U	0.0011	0.00027	mg/Kg	☼	10/05/25 16:03	10/06/25 12:39	1
trans-1,2-Dichloroethene	0.0011	U	0.0011	0.00028	mg/Kg	☼	10/05/25 16:03	10/06/25 12:39	1
trans-1,3-Dichloropropene	0.0011	U	0.0011	0.00030	mg/Kg	☼	10/05/25 16:03	10/06/25 12:39	1
Trichloroethene	0.0011	U	0.0011	0.00037	mg/Kg	☼	10/05/25 16:03	10/06/25 12:39	1
Trichlorofluoromethane	0.0011	U	0.0011	0.00046	mg/Kg	☼	10/05/25 16:03	10/06/25 12:39	1
Vinyl chloride	0.0011	U	0.0011	0.00062	mg/Kg	☼	10/05/25 16:03	10/06/25 12:39	1
Xylenes, Total	0.0023	U	0.0023	0.00020	mg/Kg	☼	10/05/25 16:03	10/06/25 12:39	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,2-Dichloroethane-d4 (Surr)	*113*		*65 - 138*	*10/05/25 16:03*	*10/06/25 12:39*	*1*
4-Bromofluorobenzene	*105*		*71 - 128*	*10/05/25 16:03*	*10/06/25 12:39*	*1*
Dibromofluoromethane (Surr)	*115*		*50 - 150*	*10/05/25 16:03*	*10/06/25 12:39*	*1*
Toluene-d8 (Surr)	*98*		*71 - 126*	*10/05/25 16:03*	*10/06/25 12:39*	*1*

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Percent Moisture (EPA Moisture)	**4.9**		1.0	1.0	%			10/05/25 17:30	1
Percent Solids (EPA Moisture)	**95.1**		1.0	1.0	%			10/05/25 17:30	1

Client Sample ID: 43A1_1-2
Date Collected: 10/01/25 09:25
Date Received: 10/01/25 16:15

Lab Sample ID: 460-336212-24
Matrix: Solid
Percent Solids: 91.8

Method: SW846 8260D - Volatile Organic Compounds by GC/MS

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1-Trichloroethane	0.0010	U	0.0010	0.00024	mg/Kg	☼	10/05/25 16:04	10/06/25 13:02	1
1,1,2,2-Tetrachloroethane	0.0010	U	0.0010	0.00054	mg/Kg	☼	10/05/25 16:04	10/06/25 13:02	1
1,1,2-Trichloro-1,2,2-trifluoroethane	0.0010	U	0.0010	0.00031	mg/Kg	☼	10/05/25 16:04	10/06/25 13:02	1
1,1,2-Trichloroethane	0.0010	U	0.0010	0.00062	mg/Kg	☼	10/05/25 16:04	10/06/25 13:02	1
1,1-Dichloroethane	0.0010	U	0.0010	0.00061	mg/Kg	☼	10/05/25 16:04	10/06/25 13:02	1
1,1-Dichloroethene	0.0010	U	0.0010	0.00023	mg/Kg	☼	10/05/25 16:04	10/06/25 13:02	1
1,2,3-Trichlorobenzene	0.0010	U	0.0010	0.00076	mg/Kg	☼	10/05/25 16:04	10/06/25 13:02	1
1,2,4-Trichlorobenzene	0.0010	U	0.0010	0.00037	mg/Kg	☼	10/05/25 16:04	10/06/25 13:02	1
1,2,4-Trimethylbenzene	0.0010	U	0.0010	0.00025	mg/Kg	☼	10/05/25 16:04	10/06/25 13:02	1
1,2-Dibromo-3-Chloropropane	0.0010	U	0.0010	0.00047	mg/Kg	☼	10/05/25 16:04	10/06/25 13:02	1
1,2-Dichlorobenzene	0.0010	U	0.0010	0.00037	mg/Kg	☼	10/05/25 16:04	10/06/25 13:02	1
1,2-Dichloroethane	0.0010	U	0.0010	0.00030	mg/Kg	☼	10/05/25 16:04	10/06/25 13:02	1
1,2-Dichloropropane	0.0010	U	0.0010	0.00043	mg/Kg	☼	10/05/25 16:04	10/06/25 13:02	1
1,3,5-Trimethylbenzene	0.0010	U	0.0010	0.00032	mg/Kg	☼	10/05/25 16:04	10/06/25 13:02	1
1,3-Dichlorobenzene	0.0010	U	0.0010	0.00037	mg/Kg	☼	10/05/25 16:04	10/06/25 13:02	1
1,4-Dichlorobenzene	0.0010	U	0.0010	0.00053	mg/Kg	☼	10/05/25 16:04	10/06/25 13:02	1
2-Butanone (MEK)	0.0051	U	0.0051	0.00038	mg/Kg	☼	10/05/25 16:04	10/06/25 13:02	1
2-Hexanone	0.0051	U	0.0051	0.0018	mg/Kg	☼	10/05/25 16:04	10/06/25 13:02	1
4-Methyl-2-pentanone (MIBK)	0.0051	U	0.0051	0.0016	mg/Kg	☼	10/05/25 16:04	10/06/25 13:02	1
Acetone	0.0062	U	0.0062	0.0059	mg/Kg	☼	10/05/25 16:04	10/06/25 13:02	1
Benzene	0.0010	U	0.0010	0.00058	mg/Kg	☼	10/05/25 16:04	10/06/25 13:02	1
Bromoform	0.0010	U	0.0010	0.00044	mg/Kg	☼	10/05/25 16:04	10/06/25 13:02	1
Bromomethane	0.0021	U	0.0021	0.0010	mg/Kg	☼	10/05/25 16:04	10/06/25 13:02	1
Carbon disulfide	0.0010	U	0.0010	0.00027	mg/Kg	☼	10/05/25 16:04	10/06/25 13:02	1
Carbon tetrachloride	0.0010	U	0.0010	0.00040	mg/Kg	☼	10/05/25 16:04	10/06/25 13:02	1
Chlorobenzene	0.0010	U	0.0010	0.00052	mg/Kg	☼	10/05/25 16:04	10/06/25 13:02	1
Chlorobromomethane	0.0010	U	0.0010	0.00061	mg/Kg	☼	10/05/25 16:04	10/06/25 13:02	1
Chlorodibromomethane	0.0010	U	0.0010	0.00055	mg/Kg	☼	10/05/25 16:04	10/06/25 13:02	1
Chloroethane	0.0010	U	0.0010	0.00054	mg/Kg	☼	10/05/25 16:04	10/06/25 13:02	1
Chloroform	0.0010	U	0.0010	0.0010	mg/Kg	☼	10/05/25 16:04	10/06/25 13:02	1
Chloromethane	0.0010	U	0.0010	0.00045	mg/Kg	☼	10/05/25 16:04	10/06/25 13:02	1
cis-1,2-Dichloroethene	0.0010	U	0.0010	0.00037	mg/Kg	☼	10/05/25 16:04	10/06/25 13:02	1
cis-1,3-Dichloropropene	0.0010	U	0.0010	0.00028	mg/Kg	☼	10/05/25 16:04	10/06/25 13:02	1
Cyclohexane	0.0010	U	0.0010	0.00023	mg/Kg	☼	10/05/25 16:04	10/06/25 13:02	1
Dichlorobromomethane	0.0010	U	0.0010	0.00026	mg/Kg	☼	10/05/25 16:04	10/06/25 13:02	1
Dichlorodifluoromethane	0.0010	U	0.0010	0.00035	mg/Kg	☼	10/05/25 16:04	10/06/25 13:02	1
Ethylbenzene	0.0010	U	0.0010	0.00048	mg/Kg	☼	10/05/25 16:04	10/06/25 13:02	1
Ethylene Dibromide	0.0010	U	0.0010	0.00052	mg/Kg	☼	10/05/25 16:04	10/06/25 13:02	1
Isopropylbenzene	0.0010	U	0.0010	0.00029	mg/Kg	☼	10/05/25 16:04	10/06/25 13:02	1
Methyl acetate	0.0051	U	0.0051	0.0044	mg/Kg	☼	10/05/25 16:04	10/06/25 13:02	1
Methyl tert-butyl ether	0.0010	U	0.0010	0.00053	mg/Kg	☼	10/05/25 16:04	10/06/25 13:02	1
Methylcyclohexane	0.0010	U *	0.0010	0.00051	mg/Kg	☼	10/05/25 16:04	10/06/25 13:02	1
Methylene Chloride	0.0021	U	0.0021	0.0012	mg/Kg	☼	10/05/25 16:04	10/06/25 13:02	1
m-Xylene & p-Xylene	0.0010	U	0.0010	0.00043	mg/Kg	☼	10/05/25 16:04	10/06/25 13:02	1
n-Butylbenzene	0.0010	U	0.0010	0.00030	mg/Kg	☼	10/05/25 16:04	10/06/25 13:02	1
N-Propylbenzene	0.0010	U	0.0010	0.00046	mg/Kg	☼	10/05/25 16:04	10/06/25 13:02	1
o-Xylene	0.0010	U	0.0010	0.00047	mg/Kg	☼	10/05/25 16:04	10/06/25 13:02	1
sec-Butylbenzene	0.0010	U	0.0010	0.00030	mg/Kg	☼	10/05/25 16:04	10/06/25 13:02	1
Styrene	0.0010	U	0.0010	0.00029	mg/Kg	☼	10/05/25 16:04	10/06/25 13:02	1

Client Sample ID: 43A1_1-2

Date Collected: 10/01/25 09:25
Date Received: 10/01/25 16:15

Lab Sample ID: 460-336212-24

Matrix: Solid
Percent Solids: 91.8

Method: SW846 8260D - Volatile Organic Compounds by GC/MS (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
tert-Butylbenzene	0.0010	U *	0.0010	0.00028	mg/Kg	☼	10/05/25 16:04	10/06/25 13:02	1
Tetrachloroethene	0.0010	U	0.0010	0.00031	mg/Kg	☼	10/05/25 16:04	10/06/25 13:02	1
Toluene	0.0010	U	0.0010	0.00024	mg/Kg	☼	10/05/25 16:04	10/06/25 13:02	1
trans-1,2-Dichloroethene	0.0010	U	0.0010	0.00025	mg/Kg	☼	10/05/25 16:04	10/06/25 13:02	1
trans-1,3-Dichloropropene	0.0010	U	0.0010	0.00027	mg/Kg	☼	10/05/25 16:04	10/06/25 13:02	1
Trichloroethene	0.0010	U	0.0010	0.00033	mg/Kg	☼	10/05/25 16:04	10/06/25 13:02	1
Trichlorofluoromethane	0.0010	U	0.0010	0.00042	mg/Kg	☼	10/05/25 16:04	10/06/25 13:02	1
Vinyl chloride	0.0010	U	0.0010	0.00056	mg/Kg	☼	10/05/25 16:04	10/06/25 13:02	1
Xylenes, Total	0.0021	U	0.0021	0.00018	mg/Kg	☼	10/05/25 16:04	10/06/25 13:02	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,2-Dichloroethane-d4 (Surr)	*111*		*65 - 138*	*10/05/25 16:04*	*10/06/25 13:02*	*1*
4-Bromofluorobenzene	*99*		*71 - 128*	*10/05/25 16:04*	*10/06/25 13:02*	*1*
Dibromofluoromethane (Surr)	*114*		*50 - 150*	*10/05/25 16:04*	*10/06/25 13:02*	*1*
Toluene-d8 (Surr)	*96*		*71 - 126*	*10/05/25 16:04*	*10/06/25 13:02*	*1*

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Percent Moisture (EPA Moisture)	**8.2**		1.0	1.0	%			10/05/25 17:30	1
Percent Solids (EPA Moisture)	**91.8**		1.0	1.0	%			10/05/25 17:30	1

Client Sample ID: 43A2_2-3

Date Collected: 10/01/25 09:30
Date Received: 10/01/25 16:15

Lab Sample ID: 460-336212-25

Matrix: Solid
Percent Solids: 96.2

Method: SW846 8260D - Volatile Organic Compounds by GC/MS

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1-Trichloroethane	0.0013	U	0.0013	0.00030	mg/Kg	☼	10/05/25 16:04	10/06/25 13:25	1
1,1,2,2-Tetrachloroethane	0.0013	U	0.0013	0.00067	mg/Kg	☼	10/05/25 16:04	10/06/25 13:25	1
1,1,2-Trichloro-1,2,2-trifluoroethane	0.0013	U	0.0013	0.00038	mg/Kg	☼	10/05/25 16:04	10/06/25 13:25	1
1,1,2-Trichloroethane	0.0013	U	0.0013	0.00077	mg/Kg	☼	10/05/25 16:04	10/06/25 13:25	1
1,1-Dichloroethane	0.0013	U	0.0013	0.00076	mg/Kg	☼	10/05/25 16:04	10/06/25 13:25	1
1,1-Dichloroethene	0.0013	U	0.0013	0.00029	mg/Kg	☼	10/05/25 16:04	10/06/25 13:25	1
1,2,3-Trichlorobenzene	0.0013	U	0.0013	0.00094	mg/Kg	☼	10/05/25 16:04	10/06/25 13:25	1
1,2,4-Trichlorobenzene	0.0013	U	0.0013	0.00046	mg/Kg	☼	10/05/25 16:04	10/06/25 13:25	1
1,2,4-Trimethylbenzene	0.0013	U	0.0013	0.00031	mg/Kg	☼	10/05/25 16:04	10/06/25 13:25	1
1,2-Dibromo-3-Chloropropane	0.0013	U	0.0013	0.00059	mg/Kg	☼	10/05/25 16:04	10/06/25 13:25	1
1,2-Dichlorobenzene	0.0013	U	0.0013	0.00046	mg/Kg	☼	10/05/25 16:04	10/06/25 13:25	1
1,2-Dichloroethane	0.0013	U	0.0013	0.00038	mg/Kg	☼	10/05/25 16:04	10/06/25 13:25	1
1,2-Dichloropropane	0.0013	U	0.0013	0.00054	mg/Kg	☼	10/05/25 16:04	10/06/25 13:25	1
1,3,5-Trimethylbenzene	0.0013	U	0.0013	0.00040	mg/Kg	☼	10/05/25 16:04	10/06/25 13:25	1
1,3-Dichlorobenzene	0.0013	U	0.0013	0.00047	mg/Kg	☼	10/05/25 16:04	10/06/25 13:25	1
1,4-Dichlorobenzene	0.0013	U	0.0013	0.00066	mg/Kg	☼	10/05/25 16:04	10/06/25 13:25	1
2-Butanone (MEK)	0.0064	U	0.0064	0.00047	mg/Kg	☼	10/05/25 16:04	10/06/25 13:25	1
2-Hexanone	0.0064	U	0.0064	0.0022	mg/Kg	☼	10/05/25 16:04	10/06/25 13:25	1
4-Methyl-2-pentanone (MIBK)	0.0064	U	0.0064	0.0020	mg/Kg	☼	10/05/25 16:04	10/06/25 13:25	1
Acetone	0.0076	U	0.0076	0.0073	mg/Kg	☼	10/05/25 16:04	10/06/25 13:25	1
Benzene	0.0013	U	0.0013	0.00072	mg/Kg	☼	10/05/25 16:04	10/06/25 13:25	1
Bromoform	0.0013	U	0.0013	0.00054	mg/Kg	☼	10/05/25 16:04	10/06/25 13:25	1
Bromomethane	0.0025	U	0.0025	0.0013	mg/Kg	☼	10/05/25 16:04	10/06/25 13:25	1

Client Sample ID: 43A2_2-3
Date Collected: 10/01/25 09:30
Date Received: 10/01/25 16:15

Lab Sample ID: 460-336212-25
Matrix: Solid
Percent Solids: 96.2

Method: SW846 8260D - Volatile Organic Compounds by GC/MS (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Carbon disulfide	0.0013	U	0.0013	0.00034	mg/Kg	☼	10/05/25 16:04	10/06/25 13:25	1
Carbon tetrachloride	0.0013	U	0.0013	0.00049	mg/Kg	☼	10/05/25 16:04	10/06/25 13:25	1
Chlorobenzene	0.0013	U	0.0013	0.00065	mg/Kg	☼	10/05/25 16:04	10/06/25 13:25	1
Chlorobromomethane	0.0013	U	0.0013	0.00076	mg/Kg	☼	10/05/25 16:04	10/06/25 13:25	1
Chlorodibromomethane	0.0013	U	0.0013	0.00068	mg/Kg	☼	10/05/25 16:04	10/06/25 13:25	1
Chloroethane	0.0013	U	0.0013	0.00067	mg/Kg	☼	10/05/25 16:04	10/06/25 13:25	1
Chloroform	0.0013	U	0.0013	0.0012	mg/Kg	☼	10/05/25 16:04	10/06/25 13:25	1
Chloromethane	0.0013	U	0.0013	0.00055	mg/Kg	☼	10/05/25 16:04	10/06/25 13:25	1
cis-1,2-Dichloroethene	0.0013	U	0.0013	0.00046	mg/Kg	☼	10/05/25 16:04	10/06/25 13:25	1
cis-1,3-Dichloropropene	0.0013	U	0.0013	0.00035	mg/Kg	☼	10/05/25 16:04	10/06/25 13:25	1
Cyclohexane	0.0013	U	0.0013	0.00028	mg/Kg	☼	10/05/25 16:04	10/06/25 13:25	1
Dichlorobromomethane	0.0013	U	0.0013	0.00033	mg/Kg	☼	10/05/25 16:04	10/06/25 13:25	1
Dichlorodifluoromethane	0.0013	U	0.0013	0.00043	mg/Kg	☼	10/05/25 16:04	10/06/25 13:25	1
Ethylbenzene	0.0013	U	0.0013	0.00060	mg/Kg	☼	10/05/25 16:04	10/06/25 13:25	1
Ethylene Dibromide	0.0013	U	0.0013	0.00064	mg/Kg	☼	10/05/25 16:04	10/06/25 13:25	1
Isopropylbenzene	0.0013	U	0.0013	0.00036	mg/Kg	☼	10/05/25 16:04	10/06/25 13:25	1
Methyl acetate	0.0064	U	0.0064	0.0055	mg/Kg	☼	10/05/25 16:04	10/06/25 13:25	1
Methyl tert-butyl ether	0.0013	U	0.0013	0.00065	mg/Kg	☼	10/05/25 16:04	10/06/25 13:25	1
Methylcyclohexane	0.0013	U *	0.0013	0.00064	mg/Kg	☼	10/05/25 16:04	10/06/25 13:25	1
Methylene Chloride	**0.0034**		0.0025	0.0015	mg/Kg	☼	10/05/25 16:04	10/06/25 13:25	1
m-Xylene & p-Xylene	0.0013	U	0.0013	0.00054	mg/Kg	☼	10/05/25 16:04	10/06/25 13:25	1
n-Butylbenzene	0.0013	U	0.0013	0.00037	mg/Kg	☼	10/05/25 16:04	10/06/25 13:25	1
N-Propylbenzene	0.0013	U	0.0013	0.00057	mg/Kg	☼	10/05/25 16:04	10/06/25 13:25	1
o-Xylene	0.0013	U	0.0013	0.00059	mg/Kg	☼	10/05/25 16:04	10/06/25 13:25	1
sec-Butylbenzene	0.0013	U	0.0013	0.00037	mg/Kg	☼	10/05/25 16:04	10/06/25 13:25	1
Styrene	0.0013	U	0.0013	0.00035	mg/Kg	☼	10/05/25 16:04	10/06/25 13:25	1
tert-Butylbenzene	0.0013	U *	0.0013	0.00035	mg/Kg	☼	10/05/25 16:04	10/06/25 13:25	1
Tetrachloroethene	0.0013	U	0.0013	0.00039	mg/Kg	☼	10/05/25 16:04	10/06/25 13:25	1
Toluene	0.0013	U	0.0013	0.00030	mg/Kg	☼	10/05/25 16:04	10/06/25 13:25	1
trans-1,2-Dichloroethene	0.0013	U	0.0013	0.00031	mg/Kg	☼	10/05/25 16:04	10/06/25 13:25	1
trans-1,3-Dichloropropene	0.0013	U	0.0013	0.00034	mg/Kg	☼	10/05/25 16:04	10/06/25 13:25	1
Trichloroethene	0.0013	U	0.0013	0.00041	mg/Kg	☼	10/05/25 16:04	10/06/25 13:25	1
Trichlorofluoromethane	0.0013	U	0.0013	0.00052	mg/Kg	☼	10/05/25 16:04	10/06/25 13:25	1
Vinyl chloride	0.0013	U	0.0013	0.00070	mg/Kg	☼	10/05/25 16:04	10/06/25 13:25	1
Xylenes, Total	0.0025	U	0.0025	0.00022	mg/Kg	☼	10/05/25 16:04	10/06/25 13:25	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,2-Dichloroethane-d4 (Surr)	*109*		*65 - 138*	*10/05/25 16:04*	*10/06/25 13:25*	*1*
4-Bromofluorobenzene	*100*		*71 - 128*	*10/05/25 16:04*	*10/06/25 13:25*	*1*
Dibromofluoromethane (Surr)	*113*		*50 - 150*	*10/05/25 16:04*	*10/06/25 13:25*	*1*
Toluene-d8 (Surr)	*96*		*71 - 126*	*10/05/25 16:04*	*10/06/25 13:25*	*1*

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Percent Moisture (EPA Moisture)	**3.8**		1.0	1.0	%			10/05/25 17:30	1
Percent Solids (EPA Moisture)	**96.2**		1.0	1.0	%			10/05/25 17:30	1

Client Sample ID: 43A3_3-4
Date Collected: 10/01/25 09:35
Date Received: 10/01/25 16:15

Lab Sample ID: 460-336212-26
Matrix: Solid
Percent Solids: 89.9

Method: SW846 8260D - Volatile Organic Compounds by GC/MS

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1-Trichloroethane	0.0010	U	0.0010	0.00024	mg/Kg	☼	10/05/25 16:05	10/06/25 13:48	1
1,1,2,2-Tetrachloroethane	0.0010	U	0.0010	0.00053	mg/Kg	☼	10/05/25 16:05	10/06/25 13:48	1
1,1,2-Trichloro-1,2,2-trifluoroethane	0.0010	U	0.0010	0.00031	mg/Kg	☼	10/05/25 16:05	10/06/25 13:48	1
1,1,2-Trichloroethane	0.0010	U	0.0010	0.00061	mg/Kg	☼	10/05/25 16:05	10/06/25 13:48	1
1,1-Dichloroethane	0.0010	U	0.0010	0.00061	mg/Kg	☼	10/05/25 16:05	10/06/25 13:48	1
1,1-Dichloroethene	0.0010	U	0.0010	0.00023	mg/Kg	☼	10/05/25 16:05	10/06/25 13:48	1
1,2,3-Trichlorobenzene	0.0010	U	0.0010	0.00075	mg/Kg	☼	10/05/25 16:05	10/06/25 13:48	1
1,2,4-Trichlorobenzene	0.0010	U	0.0010	0.00036	mg/Kg	☼	10/05/25 16:05	10/06/25 13:48	1
1,2,4-Trimethylbenzene	0.0010	U	0.0010	0.00025	mg/Kg	☼	10/05/25 16:05	10/06/25 13:48	1
1,2-Dibromo-3-Chloropropane	0.0010	U	0.0010	0.00047	mg/Kg	☼	10/05/25 16:05	10/06/25 13:48	1
1,2-Dichlorobenzene	0.0010	U	0.0010	0.00037	mg/Kg	☼	10/05/25 16:05	10/06/25 13:48	1
1,2-Dichloroethane	0.0010	U	0.0010	0.00030	mg/Kg	☼	10/05/25 16:05	10/06/25 13:48	1
1,2-Dichloropropane	0.0010	U	0.0010	0.00043	mg/Kg	☼	10/05/25 16:05	10/06/25 13:48	1
1,3,5-Trimethylbenzene	0.0010	U	0.0010	0.00032	mg/Kg	☼	10/05/25 16:05	10/06/25 13:48	1
1,3-Dichlorobenzene	0.0010	U	0.0010	0.00037	mg/Kg	☼	10/05/25 16:05	10/06/25 13:48	1
1,4-Dichlorobenzene	0.0010	U	0.0010	0.00053	mg/Kg	☼	10/05/25 16:05	10/06/25 13:48	1
2-Butanone (MEK)	0.0051	U	0.0051	0.00037	mg/Kg	☼	10/05/25 16:05	10/06/25 13:48	1
2-Hexanone	0.0051	U	0.0051	0.0017	mg/Kg	☼	10/05/25 16:05	10/06/25 13:48	1
4-Methyl-2-pentanone (MIBK)	0.0051	U	0.0051	0.0016	mg/Kg	☼	10/05/25 16:05	10/06/25 13:48	1
Acetone	0.0061	U	0.0061	0.0058	mg/Kg	☼	10/05/25 16:05	10/06/25 13:48	1
Benzene	0.0010	U	0.0010	0.00058	mg/Kg	☼	10/05/25 16:05	10/06/25 13:48	1
Bromoform	0.0010	U	0.0010	0.00043	mg/Kg	☼	10/05/25 16:05	10/06/25 13:48	1
Bromomethane	0.0020	U	0.0020	0.0010	mg/Kg	☼	10/05/25 16:05	10/06/25 13:48	1
Carbon disulfide	0.0010	U	0.0010	0.00027	mg/Kg	☼	10/05/25 16:05	10/06/25 13:48	1
Carbon tetrachloride	0.0010	U	0.0010	0.00039	mg/Kg	☼	10/05/25 16:05	10/06/25 13:48	1
Chlorobenzene	0.0010	U	0.0010	0.00052	mg/Kg	☼	10/05/25 16:05	10/06/25 13:48	1
Chlorobromomethane	0.0010	U	0.0010	0.00061	mg/Kg	☼	10/05/25 16:05	10/06/25 13:48	1
Chlorodibromomethane	0.0010	U	0.0010	0.00055	mg/Kg	☼	10/05/25 16:05	10/06/25 13:48	1
Chloroethane	0.0010	U	0.0010	0.00053	mg/Kg	☼	10/05/25 16:05	10/06/25 13:48	1
Chloroform	0.0010	U	0.0010	0.00099	mg/Kg	☼	10/05/25 16:05	10/06/25 13:48	1
Chloromethane	0.0010	U	0.0010	0.00044	mg/Kg	☼	10/05/25 16:05	10/06/25 13:48	1
cis-1,2-Dichloroethene	0.0010	U	0.0010	0.00036	mg/Kg	☼	10/05/25 16:05	10/06/25 13:48	1
cis-1,3-Dichloropropene	0.0010	U	0.0010	0.00028	mg/Kg	☼	10/05/25 16:05	10/06/25 13:48	1
Cyclohexane	0.0010	U	0.0010	0.00023	mg/Kg	☼	10/05/25 16:05	10/06/25 13:48	1
Dichlorobromomethane	0.0010	U	0.0010	0.00026	mg/Kg	☼	10/05/25 16:05	10/06/25 13:48	1
Dichlorodifluoromethane	0.0010	U	0.0010	0.00034	mg/Kg	☼	10/05/25 16:05	10/06/25 13:48	1
Ethylbenzene	0.0010	U	0.0010	0.00048	mg/Kg	☼	10/05/25 16:05	10/06/25 13:48	1
Ethylene Dibromide	0.0010	U	0.0010	0.00051	mg/Kg	☼	10/05/25 16:05	10/06/25 13:48	1
Isopropylbenzene	0.0010	U	0.0010	0.00029	mg/Kg	☼	10/05/25 16:05	10/06/25 13:48	1
Methyl acetate	0.0051	U	0.0051	0.0044	mg/Kg	☼	10/05/25 16:05	10/06/25 13:48	1
Methyl tert-butyl ether	0.0010	U	0.0010	0.00052	mg/Kg	☼	10/05/25 16:05	10/06/25 13:48	1
Methylcyclohexane	0.0010	U *	0.0010	0.00051	mg/Kg	☼	10/05/25 16:05	10/06/25 13:48	1
Methylene Chloride	**0.0014**	**J**	0.0020	0.0012	mg/Kg	☼	10/05/25 16:05	10/06/25 13:48	1
m-Xylene & p-Xylene	0.0010	U	0.0010	0.00043	mg/Kg	☼	10/05/25 16:05	10/06/25 13:48	1
n-Butylbenzene	0.0010	U	0.0010	0.00030	mg/Kg	☼	10/05/25 16:05	10/06/25 13:48	1
N-Propylbenzene	0.0010	U	0.0010	0.00046	mg/Kg	☼	10/05/25 16:05	10/06/25 13:48	1
o-Xylene	0.0010	U	0.0010	0.00047	mg/Kg	☼	10/05/25 16:05	10/06/25 13:48	1
sec-Butylbenzene	0.0010	U	0.0010	0.00029	mg/Kg	☼	10/05/25 16:05	10/06/25 13:48	1
Styrene	0.0010	U	0.0010	0.00028	mg/Kg	☼	10/05/25 16:05	10/06/25 13:48	1

Client Sample ID: 43A3_3-4

Lab Sample ID: 460-336212-26
Date Collected: 10/01/25 09:35
Matrix: Solid
Date Received: 10/01/25 16:15
Percent Solids: 89.9

Method: SW846 8260D - Volatile Organic Compounds by GC/MS (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
tert-Butylbenzene	0.0010	U *	0.0010	0.00028	mg/Kg	☼	10/05/25 16:05	10/06/25 13:48	1
Tetrachloroethene	0.0010	U	0.0010	0.00031	mg/Kg	☼	10/05/25 16:05	10/06/25 13:48	1
Toluene	0.0010	U	0.0010	0.00024	mg/Kg	☼	10/05/25 16:05	10/06/25 13:48	1
trans-1,2-Dichloroethene	0.0010	U	0.0010	0.00025	mg/Kg	☼	10/05/25 16:05	10/06/25 13:48	1
trans-1,3-Dichloropropene	0.0010	U	0.0010	0.00027	mg/Kg	☼	10/05/25 16:05	10/06/25 13:48	1
Trichloroethene	0.0010	U	0.0010	0.00033	mg/Kg	☼	10/05/25 16:05	10/06/25 13:48	1
Trichlorofluoromethane	0.0010	U	0.0010	0.00041	mg/Kg	☼	10/05/25 16:05	10/06/25 13:48	1
Vinyl chloride	0.0010	U	0.0010	0.00056	mg/Kg	☼	10/05/25 16:05	10/06/25 13:48	1
Xylenes, Total	0.0020	U	0.0020	0.00018	mg/Kg	☼	10/05/25 16:05	10/06/25 13:48	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,2-Dichloroethane-d4 (Surr)	*110*		*65 - 138*	*10/05/25 16:05*	*10/06/25 13:48*	*1*
4-Bromofluorobenzene	*99*		*71 - 128*	*10/05/25 16:05*	*10/06/25 13:48*	*1*
Dibromofluoromethane (Surr)	*113*		*50 - 150*	*10/05/25 16:05*	*10/06/25 13:48*	*1*
Toluene-d8 (Surr)	*94*		*71 - 126*	*10/05/25 16:05*	*10/06/25 13:48*	*1*

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Percent Moisture (EPA Moisture)	**10.1**		1.0	1.0	%			10/05/25 17:30	1
Percent Solids (EPA Moisture)	**89.9**		1.0	1.0	%			10/05/25 17:30	1

Client Sample ID: 43A1_4-5

Lab Sample ID: 460-336212-27
Date Collected: 10/01/25 09:40
Matrix: Solid
Date Received: 10/01/25 16:15
Percent Solids: 89.5

Method: SW846 8260D - Volatile Organic Compounds by GC/MS

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1-Trichloroethane	0.0013	U	0.0013	0.00031	mg/Kg	☼	10/05/25 16:05	10/06/25 14:11	1
1,1,2,2-Tetrachloroethane	0.0013	U	0.0013	0.00069	mg/Kg	☼	10/05/25 16:05	10/06/25 14:11	1
1,1,2-Trichloro-1,2,2-trifluoroethane	0.0013	U	0.0013	0.00040	mg/Kg	☼	10/05/25 16:05	10/06/25 14:11	1
1,1,2-Trichloroethane	0.0013	U	0.0013	0.00079	mg/Kg	☼	10/05/25 16:05	10/06/25 14:11	1
1,1-Dichloroethane	0.0013	U	0.0013	0.00079	mg/Kg	☼	10/05/25 16:05	10/06/25 14:11	1
1,1-Dichloroethene	0.0013	U	0.0013	0.00030	mg/Kg	☼	10/05/25 16:05	10/06/25 14:11	1
1,2,3-Trichlorobenzene	0.0013	U	0.0013	0.00097	mg/Kg	☼	10/05/25 16:05	10/06/25 14:11	1
1,2,4-Trichlorobenzene	0.0013	U	0.0013	0.00047	mg/Kg	☼	10/05/25 16:05	10/06/25 14:11	1
1,2,4-Trimethylbenzene	0.0013	U	0.0013	0.00032	mg/Kg	☼	10/05/25 16:05	10/06/25 14:11	1
1,2-Dibromo-3-Chloropropane	0.0013	U	0.0013	0.00061	mg/Kg	☼	10/05/25 16:05	10/06/25 14:11	1
1,2-Dichlorobenzene	0.0013	U	0.0013	0.00048	mg/Kg	☼	10/05/25 16:05	10/06/25 14:11	1
1,2-Dichloroethane	0.0013	U	0.0013	0.00039	mg/Kg	☼	10/05/25 16:05	10/06/25 14:11	1
1,2-Dichloropropane	0.0013	U	0.0013	0.00056	mg/Kg	☼	10/05/25 16:05	10/06/25 14:11	1
1,3,5-Trimethylbenzene	0.0013	U	0.0013	0.00041	mg/Kg	☼	10/05/25 16:05	10/06/25 14:11	1
1,3-Dichlorobenzene	0.0013	U	0.0013	0.00048	mg/Kg	☼	10/05/25 16:05	10/06/25 14:11	1
1,4-Dichlorobenzene	0.0013	U	0.0013	0.00068	mg/Kg	☼	10/05/25 16:05	10/06/25 14:11	1
2-Butanone (MEK)	0.0066	U	0.0066	0.00048	mg/Kg	☼	10/05/25 16:05	10/06/25 14:11	1
2-Hexanone	0.0066	U	0.0066	0.0023	mg/Kg	☼	10/05/25 16:05	10/06/25 14:11	1
4-Methyl-2-pentanone (MIBK)	0.0066	U	0.0066	0.0020	mg/Kg	☼	10/05/25 16:05	10/06/25 14:11	1
Acetone	0.0079	U	0.0079	0.0075	mg/Kg	☼	10/05/25 16:05	10/06/25 14:11	1
Benzene	0.0013	U	0.0013	0.00075	mg/Kg	☼	10/05/25 16:05	10/06/25 14:11	1
Bromoform	0.0013	U	0.0013	0.00056	mg/Kg	☼	10/05/25 16:05	10/06/25 14:11	1
Bromomethane	0.0026	U	0.0026	0.0013	mg/Kg	☼	10/05/25 16:05	10/06/25 14:11	1

Client Sample ID: 43A1_4-5
Date Collected: 10/01/25 09:40
Date Received: 10/01/25 16:15

Lab Sample ID: 460-336212-27
Matrix: Solid
Percent Solids: 89.5

Method: SW846 8260D - Volatile Organic Compounds by GC/MS (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Carbon disulfide	0.0013	U	0.0013	0.00035	mg/Kg	☼	10/05/25 16:05	10/06/25 14:11	1
Carbon tetrachloride	0.0013	U	0.0013	0.00051	mg/Kg	☼	10/05/25 16:05	10/06/25 14:11	1
Chlorobenzene	0.0013	U	0.0013	0.00067	mg/Kg	☼	10/05/25 16:05	10/06/25 14:11	1
Chlorobromomethane	0.0013	U	0.0013	0.00078	mg/Kg	☼	10/05/25 16:05	10/06/25 14:11	1
Chlorodibromomethane	0.0013	U	0.0013	0.00071	mg/Kg	☼	10/05/25 16:05	10/06/25 14:11	1
Chloroethane	0.0013	U	0.0013	0.00069	mg/Kg	☼	10/05/25 16:05	10/06/25 14:11	1
Chloroform	0.0013	U	0.0013	0.0013	mg/Kg	☼	10/05/25 16:05	10/06/25 14:11	1
Chloromethane	0.0013	U	0.0013	0.00057	mg/Kg	☼	10/05/25 16:05	10/06/25 14:11	1
cis-1,2-Dichloroethene	0.0013	U	0.0013	0.00047	mg/Kg	☼	10/05/25 16:05	10/06/25 14:11	1
cis-1,3-Dichloropropene	0.0013	U	0.0013	0.00036	mg/Kg	☼	10/05/25 16:05	10/06/25 14:11	1
Cyclohexane	0.0013	U	0.0013	0.00029	mg/Kg	☼	10/05/25 16:05	10/06/25 14:11	1
Dichlorobromomethane	0.0013	U	0.0013	0.00034	mg/Kg	☼	10/05/25 16:05	10/06/25 14:11	1
Dichlorodifluoromethane	0.0013	U	0.0013	0.00045	mg/Kg	☼	10/05/25 16:05	10/06/25 14:11	1
Ethylbenzene	0.0013	U	0.0013	0.00062	mg/Kg	☼	10/05/25 16:05	10/06/25 14:11	1
Ethylene Dibromide	0.0013	U	0.0013	0.00066	mg/Kg	☼	10/05/25 16:05	10/06/25 14:11	1
Isopropylbenzene	0.0013	U	0.0013	0.00038	mg/Kg	☼	10/05/25 16:05	10/06/25 14:11	1
Methyl acetate	0.0066	U	0.0066	0.0057	mg/Kg	☼	10/05/25 16:05	10/06/25 14:11	1
Methyl tert-butyl ether	0.0013	U	0.0013	0.00067	mg/Kg	☼	10/05/25 16:05	10/06/25 14:11	1
Methylcyclohexane	0.0013	U *	0.0013	0.00066	mg/Kg	☼	10/05/25 16:05	10/06/25 14:11	1
Methylene Chloride	**0.0017**	**J**	0.0026	0.0015	mg/Kg	☼	10/05/25 16:05	10/06/25 14:11	1
m-Xylene & p-Xylene	0.0013	U	0.0013	0.00056	mg/Kg	☼	10/05/25 16:05	10/06/25 14:11	1
n-Butylbenzene	0.0013	U	0.0013	0.00039	mg/Kg	☼	10/05/25 16:05	10/06/25 14:11	1
N-Propylbenzene	0.0013	U	0.0013	0.00059	mg/Kg	☼	10/05/25 16:05	10/06/25 14:11	1
o-Xylene	0.0013	U	0.0013	0.00061	mg/Kg	☼	10/05/25 16:05	10/06/25 14:11	1
sec-Butylbenzene	0.0013	U	0.0013	0.00038	mg/Kg	☼	10/05/25 16:05	10/06/25 14:11	1
Styrene	0.0013	U	0.0013	0.00037	mg/Kg	☼	10/05/25 16:05	10/06/25 14:11	1
tert-Butylbenzene	0.0013	U *	0.0013	0.00036	mg/Kg	☼	10/05/25 16:05	10/06/25 14:11	1
Tetrachloroethene	0.0013	U	0.0013	0.00040	mg/Kg	☼	10/05/25 16:05	10/06/25 14:11	1
Toluene	0.0013	U	0.0013	0.00031	mg/Kg	☼	10/05/25 16:05	10/06/25 14:11	1
trans-1,2-Dichloroethene	0.0013	U	0.0013	0.00032	mg/Kg	☼	10/05/25 16:05	10/06/25 14:11	1
trans-1,3-Dichloropropene	0.0013	U	0.0013	0.00035	mg/Kg	☼	10/05/25 16:05	10/06/25 14:11	1
Trichloroethene	0.0013	U	0.0013	0.00042	mg/Kg	☼	10/05/25 16:05	10/06/25 14:11	1
Trichlorofluoromethane	0.0013	U	0.0013	0.00053	mg/Kg	☼	10/05/25 16:05	10/06/25 14:11	1
Vinyl chloride	0.0013	U	0.0013	0.00072	mg/Kg	☼	10/05/25 16:05	10/06/25 14:11	1
Xylenes, Total	0.0026	U	0.0026	0.00023	mg/Kg	☼	10/05/25 16:05	10/06/25 14:11	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,2-Dichloroethane-d4 (Surr)	*112*		*65 - 138*	*10/05/25 16:05*	*10/06/25 14:11*	*1*
4-Bromofluorobenzene	*98*		*71 - 128*	*10/05/25 16:05*	*10/06/25 14:11*	*1*
Dibromofluoromethane (Surr)	*113*		*50 - 150*	*10/05/25 16:05*	*10/06/25 14:11*	*1*
Toluene-d8 (Surr)	*96*		*71 - 126*	*10/05/25 16:05*	*10/06/25 14:11*	*1*

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Percent Moisture (EPA Moisture)	**10.5**		1.0	1.0	%			10/05/25 17:30	1
Percent Solids (EPA Moisture)	**89.5**		1.0	1.0	%			10/05/25 17:30	1

Client: Haley & Aldrich, Inc.
Project/Site: Former Port Mobil

Job ID: 460-336212-1

Client Sample ID: 43A2_5-6
Date Collected: 10/01/25 09:45
Date Received: 10/01/25 16:15

Lab Sample ID: 460-336212-28
Matrix: Solid
Percent Solids: 96.6

Method: SW846 8260D - Volatile Organic Compounds by GC/MS

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1-Trichloroethane	0.0013	U	0.0013	0.00030	mg/Kg	☼	10/05/25 16:06	10/06/25 14:34	1
1,1,2,2-Tetrachloroethane	0.0013	U	0.0013	0.00068	mg/Kg	☼	10/05/25 16:06	10/06/25 14:34	1
1,1,2-Trichloro-1,2,2-trifluoroethane	0.0013	U	0.0013	0.00039	mg/Kg	☼	10/05/25 16:06	10/06/25 14:34	1
1,1,2-Trichloroethane	0.0013	U	0.0013	0.00078	mg/Kg	☼	10/05/25 16:06	10/06/25 14:34	1
1,1-Dichloroethane	0.0013	U	0.0013	0.00078	mg/Kg	☼	10/05/25 16:06	10/06/25 14:34	1
1,1-Dichloroethene	0.0013	U	0.0013	0.00029	mg/Kg	☼	10/05/25 16:06	10/06/25 14:34	1
1,2,3-Trichlorobenzene	0.0013	U	0.0013	0.00096	mg/Kg	☼	10/05/25 16:06	10/06/25 14:34	1
1,2,4-Trichlorobenzene	0.0013	U	0.0013	0.00047	mg/Kg	☼	10/05/25 16:06	10/06/25 14:34	1
1,2,4-Trimethylbenzene	0.0013	U	0.0013	0.00032	mg/Kg	☼	10/05/25 16:06	10/06/25 14:34	1
1,2-Dibromo-3-Chloropropane	0.0013	U	0.0013	0.00060	mg/Kg	☼	10/05/25 16:06	10/06/25 14:34	1
1,2-Dichlorobenzene	0.0013	U	0.0013	0.00047	mg/Kg	☼	10/05/25 16:06	10/06/25 14:34	1
1,2-Dichloroethane	0.0013	U	0.0013	0.00039	mg/Kg	☼	10/05/25 16:06	10/06/25 14:34	1
1,2-Dichloropropane	0.0013	U	0.0013	0.00055	mg/Kg	☼	10/05/25 16:06	10/06/25 14:34	1
1,3,5-Trimethylbenzene	0.0013	U	0.0013	0.00041	mg/Kg	☼	10/05/25 16:06	10/06/25 14:34	1
1,3-Dichlorobenzene	0.0013	U	0.0013	0.00048	mg/Kg	☼	10/05/25 16:06	10/06/25 14:34	1
1,4-Dichlorobenzene	0.0013	U	0.0013	0.00068	mg/Kg	☼	10/05/25 16:06	10/06/25 14:34	1
2-Butanone (MEK)	0.0065	U	0.0065	0.00048	mg/Kg	☼	10/05/25 16:06	10/06/25 14:34	1
2-Hexanone	0.0065	U	0.0065	0.0022	mg/Kg	☼	10/05/25 16:06	10/06/25 14:34	1
4-Methyl-2-pentanone (MIBK)	0.0065	U	0.0065	0.0020	mg/Kg	☼	10/05/25 16:06	10/06/25 14:34	1
Acetone	0.0078	U	0.0078	0.0075	mg/Kg	☼	10/05/25 16:06	10/06/25 14:34	1
Benzene	0.0013	U	0.0013	0.00074	mg/Kg	☼	10/05/25 16:06	10/06/25 14:34	1
Bromoform	0.0013	U	0.0013	0.00055	mg/Kg	☼	10/05/25 16:06	10/06/25 14:34	1
Bromomethane	0.0026	U	0.0026	0.0013	mg/Kg	☼	10/05/25 16:06	10/06/25 14:34	1
Carbon disulfide	0.0013	U	0.0013	0.00035	mg/Kg	☼	10/05/25 16:06	10/06/25 14:34	1
Carbon tetrachloride	0.0013	U	0.0013	0.00050	mg/Kg	☼	10/05/25 16:06	10/06/25 14:34	1
Chlorobenzene	0.0013	U	0.0013	0.00066	mg/Kg	☼	10/05/25 16:06	10/06/25 14:34	1
Chlorobromomethane	0.0013	U	0.0013	0.00078	mg/Kg	☼	10/05/25 16:06	10/06/25 14:34	1
Chlorodibromomethane	0.0013	U	0.0013	0.00070	mg/Kg	☼	10/05/25 16:06	10/06/25 14:34	1
Chloroethane	0.0013	U	0.0013	0.00068	mg/Kg	☼	10/05/25 16:06	10/06/25 14:34	1
Chloroform	0.0013	U	0.0013	0.0013	mg/Kg	☼	10/05/25 16:06	10/06/25 14:34	1
Chloromethane	0.0013	U	0.0013	0.00057	mg/Kg	☼	10/05/25 16:06	10/06/25 14:34	1
cis-1,2-Dichloroethene	0.0013	U	0.0013	0.00047	mg/Kg	☼	10/05/25 16:06	10/06/25 14:34	1
cis-1,3-Dichloropropene	0.0013	U	0.0013	0.00036	mg/Kg	☼	10/05/25 16:06	10/06/25 14:34	1
Cyclohexane	0.0013	U	0.0013	0.00029	mg/Kg	☼	10/05/25 16:06	10/06/25 14:34	1
Dichlorobromomethane	0.0013	U	0.0013	0.00034	mg/Kg	☼	10/05/25 16:06	10/06/25 14:34	1
Dichlorodifluoromethane	0.0013	U	0.0013	0.00044	mg/Kg	☼	10/05/25 16:06	10/06/25 14:34	1
Ethylbenzene	0.0013	U	0.0013	0.00061	mg/Kg	☼	10/05/25 16:06	10/06/25 14:34	1
Ethylene Dibromide	0.0013	U	0.0013	0.00066	mg/Kg	☼	10/05/25 16:06	10/06/25 14:34	1
Isopropylbenzene	0.0013	U	0.0013	0.00037	mg/Kg	☼	10/05/25 16:06	10/06/25 14:34	1
Methyl acetate	0.0065	U	0.0065	0.0056	mg/Kg	☼	10/05/25 16:06	10/06/25 14:34	1
Methyl tert-butyl ether	0.0013	U	0.0013	0.00067	mg/Kg	☼	10/05/25 16:06	10/06/25 14:34	1
Methylcyclohexane	0.0013	U *	0.0013	0.00065	mg/Kg	☼	10/05/25 16:06	10/06/25 14:34	1
Methylene Chloride	**0.0050**		0.0026	0.0015	mg/Kg	☼	10/05/25 16:06	10/06/25 14:34	1
m-Xylene & p-Xylene	0.0013	U	0.0013	0.00055	mg/Kg	☼	10/05/25 16:06	10/06/25 14:34	1
n-Butylbenzene	0.0013	U	0.0013	0.00038	mg/Kg	☼	10/05/25 16:06	10/06/25 14:34	1
N-Propylbenzene	0.0013	U	0.0013	0.00059	mg/Kg	☼	10/05/25 16:06	10/06/25 14:34	1
o-Xylene	0.0013	U	0.0013	0.00060	mg/Kg	☼	10/05/25 16:06	10/06/25 14:34	1
sec-Butylbenzene	0.0013	U	0.0013	0.00038	mg/Kg	☼	10/05/25 16:06	10/06/25 14:34	1
Styrene	0.0013	U	0.0013	0.00036	mg/Kg	☼	10/05/25 16:06	10/06/25 14:34	1

Client Sample ID: 43A2_5-6

Date Collected: 10/01/25 09:45
Date Received: 10/01/25 16:15

Lab Sample ID: 460-336212-28

Matrix: Solid
Percent Solids: 96.6

Method: SW846 8260D - Volatile Organic Compounds by GC/MS (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
tert-Butylbenzene	0.0013	U *	0.0013	0.00036	mg/Kg	☼	10/05/25 16:06	10/06/25 14:34	1
Tetrachloroethene	0.0013	U	0.0013	0.00040	mg/Kg	☼	10/05/25 16:06	10/06/25 14:34	1
Toluene	0.0013	U	0.0013	0.00031	mg/Kg	☼	10/05/25 16:06	10/06/25 14:34	1
trans-1,2-Dichloroethene	0.0013	U	0.0013	0.00032	mg/Kg	☼	10/05/25 16:06	10/06/25 14:34	1
trans-1,3-Dichloropropene	0.0013	U	0.0013	0.00035	mg/Kg	☼	10/05/25 16:06	10/06/25 14:34	1
Trichloroethene	0.0013	U	0.0013	0.00042	mg/Kg	☼	10/05/25 16:06	10/06/25 14:34	1
Trichlorofluoromethane	0.0013	U	0.0013	0.00053	mg/Kg	☼	10/05/25 16:06	10/06/25 14:34	1
Vinyl chloride	0.0013	U	0.0013	0.00071	mg/Kg	☼	10/05/25 16:06	10/06/25 14:34	1
Xylenes, Total	0.0026	U	0.0026	0.00023	mg/Kg	☼	10/05/25 16:06	10/06/25 14:34	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,2-Dichloroethane-d4 (Surr)	*109*		*65 - 138*	*10/05/25 16:06*	*10/06/25 14:34*	*1*
4-Bromofluorobenzene	*100*		*71 - 128*	*10/05/25 16:06*	*10/06/25 14:34*	*1*
Dibromofluoromethane (Surr)	*113*		*50 - 150*	*10/05/25 16:06*	*10/06/25 14:34*	*1*
Toluene-d8 (Surr)	*96*		*71 - 126*	*10/05/25 16:06*	*10/06/25 14:34*	*1*

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Percent Moisture (EPA Moisture)	**3.4**		1.0	1.0	%			10/05/25 17:30	1
Percent Solids (EPA Moisture)	**96.6**		1.0	1.0	%			10/05/25 17:30	1

Client Sample ID: 43A3_6-7

Date Collected: 10/01/25 09:50
Date Received: 10/01/25 16:15

Lab Sample ID: 460-336212-29

Matrix: Solid
Percent Solids: 91.8

Method: SW846 8260D - Volatile Organic Compounds by GC/MS

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1-Trichloroethane	0.00077	U	0.00077	0.00018	mg/Kg	☼	10/05/25 16:06	10/06/25 14:57	1
1,1,2,2-Tetrachloroethane	0.00077	U	0.00077	0.00040	mg/Kg	☼	10/05/25 16:06	10/06/25 14:57	1
1,1,2-Trichloro-1,2,2-trifluoroethane	0.00077	U	0.00077	0.00023	mg/Kg	☼	10/05/25 16:06	10/06/25 14:57	1
1,1,2-Trichloroethane	0.00077	U	0.00077	0.00046	mg/Kg	☼	10/05/25 16:06	10/06/25 14:57	1
1,1-Dichloroethane	0.00077	U	0.00077	0.00046	mg/Kg	☼	10/05/25 16:06	10/06/25 14:57	1
1,1-Dichloroethene	0.00077	U	0.00077	0.00017	mg/Kg	☼	10/05/25 16:06	10/06/25 14:57	1
1,2,3-Trichlorobenzene	0.00077	U	0.00077	0.00057	mg/Kg	☼	10/05/25 16:06	10/06/25 14:57	1
1,2,4-Trichlorobenzene	0.00077	U	0.00077	0.00028	mg/Kg	☼	10/05/25 16:06	10/06/25 14:57	1
1,2,4-Trimethylbenzene	0.00077	U	0.00077	0.00019	mg/Kg	☼	10/05/25 16:06	10/06/25 14:57	1
1,2-Dibromo-3-Chloropropane	0.00077	U	0.00077	0.00036	mg/Kg	☼	10/05/25 16:06	10/06/25 14:57	1
1,2-Dichlorobenzene	0.00077	U	0.00077	0.00028	mg/Kg	☼	10/05/25 16:06	10/06/25 14:57	1
1,2-Dichloroethane	0.00077	U	0.00077	0.00023	mg/Kg	☼	10/05/25 16:06	10/06/25 14:57	1
1,2-Dichloropropane	0.00077	U	0.00077	0.00033	mg/Kg	☼	10/05/25 16:06	10/06/25 14:57	1
1,3,5-Trimethylbenzene	0.00077	U	0.00077	0.00024	mg/Kg	☼	10/05/25 16:06	10/06/25 14:57	1
1,3-Dichlorobenzene	0.00077	U	0.00077	0.00028	mg/Kg	☼	10/05/25 16:06	10/06/25 14:57	1
1,4-Dichlorobenzene	0.00077	U	0.00077	0.00040	mg/Kg	☼	10/05/25 16:06	10/06/25 14:57	1
2-Butanone (MEK)	0.0039	U	0.0039	0.00028	mg/Kg	☼	10/05/25 16:06	10/06/25 14:57	1
2-Hexanone	0.0039	U	0.0039	0.0013	mg/Kg	☼	10/05/25 16:06	10/06/25 14:57	1
4-Methyl-2-pentanone (MIBK)	0.0039	U	0.0039	0.0012	mg/Kg	☼	10/05/25 16:06	10/06/25 14:57	1
Acetone	0.0046	U	0.0046	0.0044	mg/Kg	☼	10/05/25 16:06	10/06/25 14:57	1
Benzene	0.00077	U	0.00077	0.00044	mg/Kg	☼	10/05/25 16:06	10/06/25 14:57	1
Bromoform	0.00077	U	0.00077	0.00033	mg/Kg	☼	10/05/25 16:06	10/06/25 14:57	1
Bromomethane	0.0015	U	0.0015	0.00077	mg/Kg	☼	10/05/25 16:06	10/06/25 14:57	1

Client Sample ID: 43A3_6-7
Date Collected: 10/01/25 09:50
Date Received: 10/01/25 16:15

Lab Sample ID: 460-336212-29
Matrix: Solid
Percent Solids: 91.8

Method: SW846 8260D - Volatile Organic Compounds by GC/MS (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Carbon disulfide	0.00077	U	0.00077	0.00021	mg/Kg	☼	10/05/25 16:06	10/06/25 14:57	1
Carbon tetrachloride	0.00077	U	0.00077	0.00030	mg/Kg	☼	10/05/25 16:06	10/06/25 14:57	1
Chlorobenzene	0.00077	U	0.00077	0.00039	mg/Kg	☼	10/05/25 16:06	10/06/25 14:57	1
Chlorobromomethane	0.00077	U	0.00077	0.00046	mg/Kg	☼	10/05/25 16:06	10/06/25 14:57	1
Chlorodibromomethane	0.00077	U	0.00077	0.00041	mg/Kg	☼	10/05/25 16:06	10/06/25 14:57	1
Chloroethane	0.00077	U	0.00077	0.00040	mg/Kg	☼	10/05/25 16:06	10/06/25 14:57	1
Chloroform	0.00077	U	0.00077	0.00075	mg/Kg	☼	10/05/25 16:06	10/06/25 14:57	1
Chloromethane	0.00077	U	0.00077	0.00034	mg/Kg	☼	10/05/25 16:06	10/06/25 14:57	1
cis-1,2-Dichloroethene	0.00077	U	0.00077	0.00028	mg/Kg	☼	10/05/25 16:06	10/06/25 14:57	1
cis-1,3-Dichloropropene	0.00077	U	0.00077	0.00021	mg/Kg	☼	10/05/25 16:06	10/06/25 14:57	1
Cyclohexane	0.00077	U	0.00077	0.00017	mg/Kg	☼	10/05/25 16:06	10/06/25 14:57	1
Dichlorobromomethane	0.00077	U	0.00077	0.00020	mg/Kg	☼	10/05/25 16:06	10/06/25 14:57	1
Dichlorodifluoromethane	0.00077	U	0.00077	0.00026	mg/Kg	☼	10/05/25 16:06	10/06/25 14:57	1
Ethylbenzene	0.00077	U	0.00077	0.00036	mg/Kg	☼	10/05/25 16:06	10/06/25 14:57	1
Ethylene Dibromide	0.00077	U	0.00077	0.00039	mg/Kg	☼	10/05/25 16:06	10/06/25 14:57	1
Isopropylbenzene	0.00077	U	0.00077	0.00022	mg/Kg	☼	10/05/25 16:06	10/06/25 14:57	1
Methyl acetate	0.0039	U	0.0039	0.0033	mg/Kg	☼	10/05/25 16:06	10/06/25 14:57	1
Methyl tert-butyl ether	0.00077	U	0.00077	0.00040	mg/Kg	☼	10/05/25 16:06	10/06/25 14:57	1
Methylcyclohexane	0.00077	U *	0.00077	0.00039	mg/Kg	☼	10/05/25 16:06	10/06/25 14:57	1
Methylene Chloride	**0.0031**		0.0015	0.00088	mg/Kg	☼	10/05/25 16:06	10/06/25 14:57	1
m-Xylene & p-Xylene	0.00077	U	0.00077	0.00033	mg/Kg	☼	10/05/25 16:06	10/06/25 14:57	1
n-Butylbenzene	0.00077	U	0.00077	0.00023	mg/Kg	☼	10/05/25 16:06	10/06/25 14:57	1
N-Propylbenzene	0.00077	U	0.00077	0.00035	mg/Kg	☼	10/05/25 16:06	10/06/25 14:57	1
o-Xylene	0.00077	U	0.00077	0.00036	mg/Kg	☼	10/05/25 16:06	10/06/25 14:57	1
sec-Butylbenzene	0.00077	U	0.00077	0.00022	mg/Kg	☼	10/05/25 16:06	10/06/25 14:57	1
Styrene	0.00077	U	0.00077	0.00021	mg/Kg	☼	10/05/25 16:06	10/06/25 14:57	1
tert-Butylbenzene	0.00077	U *	0.00077	0.00021	mg/Kg	☼	10/05/25 16:06	10/06/25 14:57	1
Tetrachloroethene	0.00077	U	0.00077	0.00024	mg/Kg	☼	10/05/25 16:06	10/06/25 14:57	1
Toluene	0.00077	U	0.00077	0.00018	mg/Kg	☼	10/05/25 16:06	10/06/25 14:57	1
trans-1,2-Dichloroethene	0.00077	U	0.00077	0.00019	mg/Kg	☼	10/05/25 16:06	10/06/25 14:57	1
trans-1,3-Dichloropropene	0.00077	U	0.00077	0.00021	mg/Kg	☼	10/05/25 16:06	10/06/25 14:57	1
Trichloroethene	0.00077	U	0.00077	0.00025	mg/Kg	☼	10/05/25 16:06	10/06/25 14:57	1
Trichlorofluoromethane	0.00077	U	0.00077	0.00031	mg/Kg	☼	10/05/25 16:06	10/06/25 14:57	1
Vinyl chloride	0.00077	U	0.00077	0.00042	mg/Kg	☼	10/05/25 16:06	10/06/25 14:57	1
Xylenes, Total	0.0015	U	0.0015	0.00013	mg/Kg	☼	10/05/25 16:06	10/06/25 14:57	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,2-Dichloroethane-d4 (Surr)	*109*		*65 - 138*	*10/05/25 16:06*	*10/06/25 14:57*	*1*
4-Bromofluorobenzene	*101*		*71 - 128*	*10/05/25 16:06*	*10/06/25 14:57*	*1*
Dibromofluoromethane (Surr)	*114*		*50 - 150*	*10/05/25 16:06*	*10/06/25 14:57*	*1*
Toluene-d8 (Surr)	*96*		*71 - 126*	*10/05/25 16:06*	*10/06/25 14:57*	*1*

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Percent Moisture (EPA Moisture)	**8.2**		1.0	1.0	%			10/05/25 17:30	1
Percent Solids (EPA Moisture)	**91.8**		1.0	1.0	%			10/05/25 17:30	1

Client: Haley & Aldrich, Inc.
Project/Site: Former Port Mobil

Job ID: 460-336212-1

Client Sample ID: 43A2_7-8
Date Collected: 10/01/25 09:55
Date Received: 10/01/25 16:15

Lab Sample ID: 460-336212-30
Matrix: Solid
Percent Solids: 95.8

Method: SW846 8260D - Volatile Organic Compounds by GC/MS

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1-Trichloroethane	0.0011	U	0.0011	0.00026	mg/Kg	☼	10/05/25 16:06	10/06/25 15:20	1
1,1,2,2-Tetrachloroethane	0.0011	U	0.0011	0.00057	mg/Kg	☼	10/05/25 16:06	10/06/25 15:20	1
1,1,2-Trichloro-1,2,2-trifluoroethane	0.0011	U	0.0011	0.00033	mg/Kg	☼	10/05/25 16:06	10/06/25 15:20	1
1,1,2-Trichloroethane	0.0011	U	0.0011	0.00066	mg/Kg	☼	10/05/25 16:06	10/06/25 15:20	1
1,1-Dichloroethane	0.0011	U	0.0011	0.00065	mg/Kg	☼	10/05/25 16:06	10/06/25 15:20	1
1,1-Dichloroethene	0.0011	U	0.0011	0.00025	mg/Kg	☼	10/05/25 16:06	10/06/25 15:20	1
1,2,3-Trichlorobenzene	0.0011	U	0.0011	0.00081	mg/Kg	☼	10/05/25 16:06	10/06/25 15:20	1
1,2,4-Trichlorobenzene	0.0011	U	0.0011	0.00039	mg/Kg	☼	10/05/25 16:06	10/06/25 15:20	1
1,2,4-Trimethylbenzene	0.0011	U	0.0011	0.00027	mg/Kg	☼	10/05/25 16:06	10/06/25 15:20	1
1,2-Dibromo-3-Chloropropane	0.0011	U	0.0011	0.00050	mg/Kg	☼	10/05/25 16:06	10/06/25 15:20	1
1,2-Dichlorobenzene	0.0011	U	0.0011	0.00040	mg/Kg	☼	10/05/25 16:06	10/06/25 15:20	1
1,2-Dichloroethane	0.0011	U	0.0011	0.00032	mg/Kg	☼	10/05/25 16:06	10/06/25 15:20	1
1,2-Dichloropropane	0.0011	U	0.0011	0.00046	mg/Kg	☼	10/05/25 16:06	10/06/25 15:20	1
1,3,5-Trimethylbenzene	0.0011	U	0.0011	0.00034	mg/Kg	☼	10/05/25 16:06	10/06/25 15:20	1
1,3-Dichlorobenzene	0.0011	U	0.0011	0.00040	mg/Kg	☼	10/05/25 16:06	10/06/25 15:20	1
1,4-Dichlorobenzene	0.0011	U	0.0011	0.00057	mg/Kg	☼	10/05/25 16:06	10/06/25 15:20	1
2-Butanone (MEK)	0.0055	U	0.0055	0.00040	mg/Kg	☼	10/05/25 16:06	10/06/25 15:20	1
2-Hexanone	0.0055	U	0.0055	0.0019	mg/Kg	☼	10/05/25 16:06	10/06/25 15:20	1
4-Methyl-2-pentanone (MIBK)	0.0055	U	0.0055	0.0017	mg/Kg	☼	10/05/25 16:06	10/06/25 15:20	1
Acetone	0.0066	U	0.0066	0.0063	mg/Kg	☼	10/05/25 16:06	10/06/25 15:20	1
Benzene	0.0011	U	0.0011	0.00062	mg/Kg	☼	10/05/25 16:06	10/06/25 15:20	1
Bromoform	0.0011	U	0.0011	0.00047	mg/Kg	☼	10/05/25 16:06	10/06/25 15:20	1
Bromomethane	0.0022	U	0.0022	0.0011	mg/Kg	☼	10/05/25 16:06	10/06/25 15:20	1
Carbon disulfide	0.0011	U	0.0011	0.00029	mg/Kg	☼	10/05/25 16:06	10/06/25 15:20	1
Carbon tetrachloride	0.0011	U	0.0011	0.00042	mg/Kg	☼	10/05/25 16:06	10/06/25 15:20	1
Chlorobenzene	0.0011	U	0.0011	0.00056	mg/Kg	☼	10/05/25 16:06	10/06/25 15:20	1
Chlorobromomethane	0.0011	U	0.0011	0.00065	mg/Kg	☼	10/05/25 16:06	10/06/25 15:20	1
Chlorodibromomethane	0.0011	U	0.0011	0.00059	mg/Kg	☼	10/05/25 16:06	10/06/25 15:20	1
Chloroethane	0.0011	U	0.0011	0.00057	mg/Kg	☼	10/05/25 16:06	10/06/25 15:20	1
Chloroform	0.0011	U	0.0011	0.0011	mg/Kg	☼	10/05/25 16:06	10/06/25 15:20	1
Chloromethane	0.0011	U	0.0011	0.00048	mg/Kg	☼	10/05/25 16:06	10/06/25 15:20	1
cis-1,2-Dichloroethene	0.0011	U	0.0011	0.00039	mg/Kg	☼	10/05/25 16:06	10/06/25 15:20	1
cis-1,3-Dichloropropene	0.0011	U	0.0011	0.00030	mg/Kg	☼	10/05/25 16:06	10/06/25 15:20	1
Cyclohexane	0.0011	U	0.0011	0.00024	mg/Kg	☼	10/05/25 16:06	10/06/25 15:20	1
Dichlorobromomethane	0.0011	U	0.0011	0.00028	mg/Kg	☼	10/05/25 16:06	10/06/25 15:20	1
Dichlorodifluoromethane	0.0011	U	0.0011	0.00037	mg/Kg	☼	10/05/25 16:06	10/06/25 15:20	1
Ethylbenzene	0.0011	U	0.0011	0.00051	mg/Kg	☼	10/05/25 16:06	10/06/25 15:20	1
Ethylene Dibromide	0.0011	U	0.0011	0.00055	mg/Kg	☼	10/05/25 16:06	10/06/25 15:20	1
Isopropylbenzene	0.0011	U	0.0011	0.00031	mg/Kg	☼	10/05/25 16:06	10/06/25 15:20	1
Methyl acetate	0.0055	U	0.0055	0.0047	mg/Kg	☼	10/05/25 16:06	10/06/25 15:20	1
Methyl tert-butyl ether	0.0011	U	0.0011	0.00056	mg/Kg	☼	10/05/25 16:06	10/06/25 15:20	1
Methylcyclohexane	0.0011	U *	0.0011	0.00055	mg/Kg	☼	10/05/25 16:06	10/06/25 15:20	1
Methylene Chloride	**0.0035**		0.0022	0.0013	mg/Kg	☼	10/05/25 16:06	10/06/25 15:20	1
m-Xylene & p-Xylene	0.0011	U	0.0011	0.00046	mg/Kg	☼	10/05/25 16:06	10/06/25 15:20	1
n-Butylbenzene	0.0011	U	0.0011	0.00032	mg/Kg	☼	10/05/25 16:06	10/06/25 15:20	1
N-Propylbenzene	0.0011	U	0.0011	0.00049	mg/Kg	☼	10/05/25 16:06	10/06/25 15:20	1
o-Xylene	0.0011	U	0.0011	0.00051	mg/Kg	☼	10/05/25 16:06	10/06/25 15:20	1
sec-Butylbenzene	0.0011	U	0.0011	0.00032	mg/Kg	☼	10/05/25 16:06	10/06/25 15:20	1
Styrene	0.0011	U	0.0011	0.00030	mg/Kg	☼	10/05/25 16:06	10/06/25 15:20	1

Client Sample ID: 43A2_7-8

Lab Sample ID: 460-336212-30

Date Collected: 10/01/25 09:55
Matrix: Solid
Date Received: 10/01/25 16:15
Percent Solids: 95.8

Method: SW846 8260D - Volatile Organic Compounds by GC/MS (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
tert-Butylbenzene	0.0011	U *	0.0011	0.00030	mg/Kg	☼	10/05/25 16:06	10/06/25 15:20	1
Tetrachloroethene	0.0011	U	0.0011	0.00033	mg/Kg	☼	10/05/25 16:06	10/06/25 15:20	1
Toluene	0.0011	U	0.0011	0.00026	mg/Kg	☼	10/05/25 16:06	10/06/25 15:20	1
trans-1,2-Dichloroethene	0.0011	U	0.0011	0.00027	mg/Kg	☼	10/05/25 16:06	10/06/25 15:20	1
trans-1,3-Dichloropropene	0.0011	U	0.0011	0.00029	mg/Kg	☼	10/05/25 16:06	10/06/25 15:20	1
Trichloroethene	0.0011	U	0.0011	0.00035	mg/Kg	☼	10/05/25 16:06	10/06/25 15:20	1
Trichlorofluoromethane	0.0011	U	0.0011	0.00044	mg/Kg	☼	10/05/25 16:06	10/06/25 15:20	1
Vinyl chloride	0.0011	U	0.0011	0.00060	mg/Kg	☼	10/05/25 16:06	10/06/25 15:20	1
Xylenes, Total	0.0022	U	0.0022	0.00019	mg/Kg	☼	10/05/25 16:06	10/06/25 15:20	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,2-Dichloroethane-d4 (Surr)	*108*		*65 - 138*	*10/05/25 16:06*	*10/06/25 15:20*	*1*
4-Bromofluorobenzene	*101*		*71 - 128*	*10/05/25 16:06*	*10/06/25 15:20*	*1*
Dibromofluoromethane (Surr)	*112*		*50 - 150*	*10/05/25 16:06*	*10/06/25 15:20*	*1*
Toluene-d8 (Surr)	*95*		*71 - 126*	*10/05/25 16:06*	*10/06/25 15:20*	*1*

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Percent Moisture (EPA Moisture)	**4.2**		1.0	1.0	%			10/05/25 17:30	1
Percent Solids (EPA Moisture)	**95.8**		1.0	1.0	%			10/05/25 17:30	1

Client Sample ID: 43B1_1-2

Lab Sample ID: 460-336212-31

Date Collected: 10/01/25 10:00
Matrix: Solid
Date Received: 10/01/25 16:15
Percent Solids: 93.0

Method: SW846 8260D - Volatile Organic Compounds by GC/MS

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1-Trichloroethane	0.0013	U	0.0013	0.00030	mg/Kg	☼	10/05/25 16:07	10/06/25 15:43	1
1,1,2,2-Tetrachloroethane	0.0013	U	0.0013	0.00068	mg/Kg	☼	10/05/25 16:07	10/06/25 15:43	1
1,1,2-Trichloro-1,2,2-trifluoroethane	0.0013	U	0.0013	0.00039	mg/Kg	☼	10/05/25 16:07	10/06/25 15:43	1
1,1,2-Trichloroethane	0.0013	U	0.0013	0.00078	mg/Kg	☼	10/05/25 16:07	10/06/25 15:43	1
1,1-Dichloroethane	0.0013	U	0.0013	0.00077	mg/Kg	☼	10/05/25 16:07	10/06/25 15:43	1
1,1-Dichloroethene	0.0013	U	0.0013	0.00029	mg/Kg	☼	10/05/25 16:07	10/06/25 15:43	1
1,2,3-Trichlorobenzene	0.0013	U	0.0013	0.00096	mg/Kg	☼	10/05/25 16:07	10/06/25 15:43	1
1,2,4-Trichlorobenzene	0.0013	U	0.0013	0.00046	mg/Kg	☼	10/05/25 16:07	10/06/25 15:43	1
1,2,4-Trimethylbenzene	0.0013	U	0.0013	0.00032	mg/Kg	☼	10/05/25 16:07	10/06/25 15:43	1
1,2-Dibromo-3-Chloropropane	0.0013	U	0.0013	0.00060	mg/Kg	☼	10/05/25 16:07	10/06/25 15:43	1
1,2-Dichlorobenzene	0.0013	U	0.0013	0.00047	mg/Kg	☼	10/05/25 16:07	10/06/25 15:43	1
1,2-Dichloroethane	0.0013	U	0.0013	0.00038	mg/Kg	☼	10/05/25 16:07	10/06/25 15:43	1
1,2-Dichloropropane	0.0013	U	0.0013	0.00055	mg/Kg	☼	10/05/25 16:07	10/06/25 15:43	1
1,3,5-Trimethylbenzene	0.0013	U	0.0013	0.00041	mg/Kg	☼	10/05/25 16:07	10/06/25 15:43	1
1,3-Dichlorobenzene	0.0013	U	0.0013	0.00047	mg/Kg	☼	10/05/25 16:07	10/06/25 15:43	1
1,4-Dichlorobenzene	0.0013	U	0.0013	0.00067	mg/Kg	☼	10/05/25 16:07	10/06/25 15:43	1
2-Butanone (MEK)	0.0065	U	0.0065	0.00048	mg/Kg	☼	10/05/25 16:07	10/06/25 15:43	1
2-Hexanone	0.0065	U	0.0065	0.0022	mg/Kg	☼	10/05/25 16:07	10/06/25 15:43	1
4-Methyl-2-pentanone (MIBK)	0.0065	U	0.0065	0.0020	mg/Kg	☼	10/05/25 16:07	10/06/25 15:43	1
Acetone	0.0078	U	0.0078	0.0074	mg/Kg	☼	10/05/25 16:07	10/06/25 15:43	1
Benzene	0.0013	U	0.0013	0.00074	mg/Kg	☼	10/05/25 16:07	10/06/25 15:43	1
Bromoform	0.0013	U	0.0013	0.00055	mg/Kg	☼	10/05/25 16:07	10/06/25 15:43	1
Bromomethane	0.0026	U	0.0026	0.0013	mg/Kg	☼	10/05/25 16:07	10/06/25 15:43	1

Client Sample ID: 43B1_1-2
Date Collected: 10/01/25 10:00
Date Received: 10/01/25 16:15

Lab Sample ID: 460-336212-31
Matrix: Solid
Percent Solids: 93.0

Method: SW846 8260D - Volatile Organic Compounds by GC/MS (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Carbon disulfide	0.0013	U	0.0013	0.00034	mg/Kg	☼	10/05/25 16:07	10/06/25 15:43	1
Carbon tetrachloride	0.0013	U	0.0013	0.00050	mg/Kg	☼	10/05/25 16:07	10/06/25 15:43	1
Chlorobenzene	0.0013	U	0.0013	0.00066	mg/Kg	☼	10/05/25 16:07	10/06/25 15:43	1
Chlorobromomethane	0.0013	U	0.0013	0.00077	mg/Kg	☼	10/05/25 16:07	10/06/25 15:43	1
Chlorodibromomethane	0.0013	U	0.0013	0.00070	mg/Kg	☼	10/05/25 16:07	10/06/25 15:43	1
Chloroethane	0.0013	U	0.0013	0.00068	mg/Kg	☼	10/05/25 16:07	10/06/25 15:43	1
Chloroform	0.0013	U	0.0013	0.0013	mg/Kg	☼	10/05/25 16:07	10/06/25 15:43	1
Chloromethane	0.0013	U	0.0013	0.00056	mg/Kg	☼	10/05/25 16:07	10/06/25 15:43	1
cis-1,2-Dichloroethene	0.0013	U	0.0013	0.00046	mg/Kg	☼	10/05/25 16:07	10/06/25 15:43	1
cis-1,3-Dichloropropene	0.0013	U	0.0013	0.00035	mg/Kg	☼	10/05/25 16:07	10/06/25 15:43	1
Cyclohexane	0.0013	U	0.0013	0.00029	mg/Kg	☼	10/05/25 16:07	10/06/25 15:43	1
Dichlorobromomethane	0.0013	U	0.0013	0.00033	mg/Kg	☼	10/05/25 16:07	10/06/25 15:43	1
Dichlorodifluoromethane	0.0013	U	0.0013	0.00044	mg/Kg	☼	10/05/25 16:07	10/06/25 15:43	1
Ethylbenzene	0.0013	U	0.0013	0.00061	mg/Kg	☼	10/05/25 16:07	10/06/25 15:43	1
Ethylene Dibromide	0.0013	U	0.0013	0.00065	mg/Kg	☼	10/05/25 16:07	10/06/25 15:43	1
Isopropylbenzene	0.0013	U	0.0013	0.00037	mg/Kg	☼	10/05/25 16:07	10/06/25 15:43	1
Methyl acetate	0.0065	U	0.0065	0.0056	mg/Kg	☼	10/05/25 16:07	10/06/25 15:43	1
Methyl tert-butyl ether	0.0013	U	0.0013	0.00066	mg/Kg	☼	10/05/25 16:07	10/06/25 15:43	1
Methylcyclohexane	0.0013	U *	0.0013	0.00065	mg/Kg	☼	10/05/25 16:07	10/06/25 15:43	1
Methylene Chloride	**0.0051**		0.0026	0.0015	mg/Kg	☼	10/05/25 16:07	10/06/25 15:43	1
m-Xylene & p-Xylene	0.0013	U	0.0013	0.00055	mg/Kg	☼	10/05/25 16:07	10/06/25 15:43	1
n-Butylbenzene	0.0013	U	0.0013	0.00038	mg/Kg	☼	10/05/25 16:07	10/06/25 15:43	1
N-Propylbenzene	0.0013	U	0.0013	0.00058	mg/Kg	☼	10/05/25 16:07	10/06/25 15:43	1
o-Xylene	0.0013	U	0.0013	0.00060	mg/Kg	☼	10/05/25 16:07	10/06/25 15:43	1
sec-Butylbenzene	0.0013	U	0.0013	0.00037	mg/Kg	☼	10/05/25 16:07	10/06/25 15:43	1
Styrene	0.0013	U	0.0013	0.00036	mg/Kg	☼	10/05/25 16:07	10/06/25 15:43	1
tert-Butylbenzene	0.0013	U *	0.0013	0.00036	mg/Kg	☼	10/05/25 16:07	10/06/25 15:43	1
Tetrachloroethene	0.0013	U	0.0013	0.00040	mg/Kg	☼	10/05/25 16:07	10/06/25 15:43	1
Toluene	0.0013	U	0.0013	0.00030	mg/Kg	☼	10/05/25 16:07	10/06/25 15:43	1
trans-1,2-Dichloroethene	0.0013	U	0.0013	0.00032	mg/Kg	☼	10/05/25 16:07	10/06/25 15:43	1
trans-1,3-Dichloropropene	0.0013	U	0.0013	0.00034	mg/Kg	☼	10/05/25 16:07	10/06/25 15:43	1
Trichloroethene	0.0013	U	0.0013	0.00042	mg/Kg	☼	10/05/25 16:07	10/06/25 15:43	1
Trichlorofluoromethane	0.0013	U	0.0013	0.00053	mg/Kg	☼	10/05/25 16:07	10/06/25 15:43	1
Vinyl chloride	0.0013	U	0.0013	0.00071	mg/Kg	☼	10/05/25 16:07	10/06/25 15:43	1
Xylenes, Total	0.0026	U	0.0026	0.00023	mg/Kg	☼	10/05/25 16:07	10/06/25 15:43	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,2-Dichloroethane-d4 (Surr)	*107*		*65 - 138*	*10/05/25 16:07*	*10/06/25 15:43*	*1*
4-Bromofluorobenzene	*101*		*71 - 128*	*10/05/25 16:07*	*10/06/25 15:43*	*1*
Dibromofluoromethane (Surr)	*113*		*50 - 150*	*10/05/25 16:07*	*10/06/25 15:43*	*1*
Toluene-d8 (Surr)	*96*		*71 - 126*	*10/05/25 16:07*	*10/06/25 15:43*	*1*

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Percent Moisture (EPA Moisture)	**7.0**		1.0	1.0	%			10/05/25 17:30	1
Percent Solids (EPA Moisture)	**93.0**		1.0	1.0	%			10/05/25 17:30	1

Client Sample ID: 43B2_2-3
Date Collected: 10/01/25 10:05
Date Received: 10/01/25 16:15

Lab Sample ID: 460-336212-32
Matrix: Solid
Percent Solids: 94.3

Method: SW846 8260D - Volatile Organic Compounds by GC/MS

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1-Trichloroethane	0.0016	U	0.0016	0.00037	mg/Kg	☼	10/05/25 16:07	10/06/25 16:06	1
1,1,2,2-Tetrachloroethane	0.0016	U	0.0016	0.00082	mg/Kg	☼	10/05/25 16:07	10/06/25 16:06	1
1,1,2-Trichloro-1,2,2-trifluoroethane	0.0016	U	0.0016	0.00048	mg/Kg	☼	10/05/25 16:07	10/06/25 16:06	1
1,1,2-Trichloroethane	0.0016	U	0.0016	0.00095	mg/Kg	☼	10/05/25 16:07	10/06/25 16:06	1
1,1-Dichloroethane	0.0016	U	0.0016	0.00094	mg/Kg	☼	10/05/25 16:07	10/06/25 16:06	1
1,1-Dichloroethene	0.0016	U	0.0016	0.00036	mg/Kg	☼	10/05/25 16:07	10/06/25 16:06	1
1,2,3-Trichlorobenzene	0.0016	U	0.0016	0.0012	mg/Kg	☼	10/05/25 16:07	10/06/25 16:06	1
1,2,4-Trichlorobenzene	0.0016	U	0.0016	0.00057	mg/Kg	☼	10/05/25 16:07	10/06/25 16:06	1
1,2,4-Trimethylbenzene	0.0016	U	0.0016	0.00039	mg/Kg	☼	10/05/25 16:07	10/06/25 16:06	1
1,2-Dibromo-3-Chloropropane	0.0016	U	0.0016	0.00073	mg/Kg	☼	10/05/25 16:07	10/06/25 16:06	1
1,2-Dichlorobenzene	0.0016	U	0.0016	0.00057	mg/Kg	☼	10/05/25 16:07	10/06/25 16:06	1
1,2-Dichloroethane	0.0016	U	0.0016	0.00047	mg/Kg	☼	10/05/25 16:07	10/06/25 16:06	1
1,2-Dichloropropane	0.0016	U	0.0016	0.00067	mg/Kg	☼	10/05/25 16:07	10/06/25 16:06	1
1,3,5-Trimethylbenzene	0.0016	U	0.0016	0.00050	mg/Kg	☼	10/05/25 16:07	10/06/25 16:06	1
1,3-Dichlorobenzene	0.0016	U	0.0016	0.00058	mg/Kg	☼	10/05/25 16:07	10/06/25 16:06	1
1,4-Dichlorobenzene	0.0016	U	0.0016	0.00082	mg/Kg	☼	10/05/25 16:07	10/06/25 16:06	1
2-Butanone (MEK)	0.0079	U	0.0079	0.00058	mg/Kg	☼	10/05/25 16:07	10/06/25 16:06	1
2-Hexanone	0.0079	U	0.0079	0.0027	mg/Kg	☼	10/05/25 16:07	10/06/25 16:06	1
4-Methyl-2-pentanone (MIBK)	0.0079	U	0.0079	0.0025	mg/Kg	☼	10/05/25 16:07	10/06/25 16:06	1
Acetone	0.0095	U	0.0095	0.0090	mg/Kg	☼	10/05/25 16:07	10/06/25 16:06	1
Benzene	0.0016	U	0.0016	0.00090	mg/Kg	☼	10/05/25 16:07	10/06/25 16:06	1
Bromoform	0.0016	U	0.0016	0.00067	mg/Kg	☼	10/05/25 16:07	10/06/25 16:06	1
Bromomethane	0.0032	U	0.0032	0.0016	mg/Kg	☼	10/05/25 16:07	10/06/25 16:06	1
Carbon disulfide	0.0016	U	0.0016	0.00042	mg/Kg	☼	10/05/25 16:07	10/06/25 16:06	1
Carbon tetrachloride	0.0016	U	0.0016	0.00061	mg/Kg	☼	10/05/25 16:07	10/06/25 16:06	1
Chlorobenzene	0.0016	U	0.0016	0.00080	mg/Kg	☼	10/05/25 16:07	10/06/25 16:06	1
Chlorobromomethane	0.0016	U	0.0016	0.00094	mg/Kg	☼	10/05/25 16:07	10/06/25 16:06	1
Chlorodibromomethane	0.0016	U	0.0016	0.00085	mg/Kg	☼	10/05/25 16:07	10/06/25 16:06	1
Chloroethane	0.0016	U	0.0016	0.00082	mg/Kg	☼	10/05/25 16:07	10/06/25 16:06	1
Chloroform	0.0016	U	0.0016	0.0015	mg/Kg	☼	10/05/25 16:07	10/06/25 16:06	1
Chloromethane	0.0016	U	0.0016	0.00069	mg/Kg	☼	10/05/25 16:07	10/06/25 16:06	1
cis-1,2-Dichloroethene	0.0016	U	0.0016	0.00057	mg/Kg	☼	10/05/25 16:07	10/06/25 16:06	1
cis-1,3-Dichloropropene	0.0016	U	0.0016	0.00043	mg/Kg	☼	10/05/25 16:07	10/06/25 16:06	1
Cyclohexane	0.0016	U	0.0016	0.00035	mg/Kg	☼	10/05/25 16:07	10/06/25 16:06	1
Dichlorobromomethane	0.0016	U	0.0016	0.00041	mg/Kg	☼	10/05/25 16:07	10/06/25 16:06	1
Dichlorodifluoromethane	0.0016	U	0.0016	0.00053	mg/Kg	☼	10/05/25 16:07	10/06/25 16:06	1
Ethylbenzene	0.0016	U	0.0016	0.00074	mg/Kg	☼	10/05/25 16:07	10/06/25 16:06	1
Ethylene Dibromide	0.0016	U	0.0016	0.00080	mg/Kg	☼	10/05/25 16:07	10/06/25 16:06	1
Isopropylbenzene	0.0016	U	0.0016	0.00045	mg/Kg	☼	10/05/25 16:07	10/06/25 16:06	1
Methyl acetate	0.0079	U	0.0079	0.0068	mg/Kg	☼	10/05/25 16:07	10/06/25 16:06	1
Methyl tert-butyl ether	0.0016	U	0.0016	0.00081	mg/Kg	☼	10/05/25 16:07	10/06/25 16:06	1
Methylcyclohexane	0.0016	U *	0.0016	0.00079	mg/Kg	☼	10/05/25 16:07	10/06/25 16:06	1
Methylene Chloride	**0.0070**		0.0032	0.0018	mg/Kg	☼	10/05/25 16:07	10/06/25 16:06	1
m-Xylene & p-Xylene	0.0016	U	0.0016	0.00067	mg/Kg	☼	10/05/25 16:07	10/06/25 16:06	1
n-Butylbenzene	0.0016	U	0.0016	0.00046	mg/Kg	☼	10/05/25 16:07	10/06/25 16:06	1
N-Propylbenzene	0.0016	U	0.0016	0.00071	mg/Kg	☼	10/05/25 16:07	10/06/25 16:06	1
o-Xylene	0.0016	U	0.0016	0.00073	mg/Kg	☼	10/05/25 16:07	10/06/25 16:06	1
sec-Butylbenzene	0.0016	U	0.0016	0.00046	mg/Kg	☼	10/05/25 16:07	10/06/25 16:06	1
Styrene	0.0016	U	0.0016	0.00044	mg/Kg	☼	10/05/25 16:07	10/06/25 16:06	1

Client Sample ID: 43B2_2-3

Lab Sample ID: 460-336212-32
Date Collected: 10/01/25 10:05
Matrix: Solid
Date Received: 10/01/25 16:15
Percent Solids: 94.3

Method: SW846 8260D - Volatile Organic Compounds by GC/MS (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
tert-Butylbenzene	0.0016	U *	0.0016	0.00044	mg/Kg	☼	10/05/25 16:07	10/06/25 16:06	1
Tetrachloroethene	0.0016	U	0.0016	0.00048	mg/Kg	☼	10/05/25 16:07	10/06/25 16:06	1
Toluene	0.0016	U	0.0016	0.00037	mg/Kg	☼	10/05/25 16:07	10/06/25 16:06	1
trans-1,2-Dichloroethene	0.0016	U	0.0016	0.00039	mg/Kg	☼	10/05/25 16:07	10/06/25 16:06	1
trans-1,3-Dichloropropene	0.0016	U	0.0016	0.00042	mg/Kg	☼	10/05/25 16:07	10/06/25 16:06	1
Trichloroethene	0.0016	U	0.0016	0.00051	mg/Kg	☼	10/05/25 16:07	10/06/25 16:06	1
Trichlorofluoromethane	0.0016	U	0.0016	0.00064	mg/Kg	☼	10/05/25 16:07	10/06/25 16:06	1
Vinyl chloride	0.0016	U	0.0016	0.00086	mg/Kg	☼	10/05/25 16:07	10/06/25 16:06	1
Xylenes, Total	0.0032	U	0.0032	0.00027	mg/Kg	☼	10/05/25 16:07	10/06/25 16:06	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,2-Dichloroethane-d4 (Surr)	*116*		*65 - 138*	*10/05/25 16:07*	*10/06/25 16:06*	*1*
4-Bromofluorobenzene	*102*		*71 - 128*	*10/05/25 16:07*	*10/06/25 16:06*	*1*
Dibromofluoromethane (Surr)	*120*		*50 - 150*	*10/05/25 16:07*	*10/06/25 16:06*	*1*
Toluene-d8 (Surr)	*97*		*71 - 126*	*10/05/25 16:07*	*10/06/25 16:06*	*1*

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Percent Moisture (EPA Moisture)	**5.7**		1.0	1.0	%			10/05/25 17:30	1
Percent Solids (EPA Moisture)	**94.3**		1.0	1.0	%			10/05/25 17:30	1

Client Sample ID: 43B3_3-4

Lab Sample ID: 460-336212-33
Date Collected: 10/01/25 10:10
Matrix: Solid
Date Received: 10/01/25 16:15
Percent Solids: 89.1

Method: SW846 8260D - Volatile Organic Compounds by GC/MS

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1-Trichloroethane	0.00079	U	0.00079	0.00018	mg/Kg	☼	10/05/25 16:08	10/06/25 16:29	1
1,1,2,2-Tetrachloroethane	0.00079	U	0.00079	0.00041	mg/Kg	☼	10/05/25 16:08	10/06/25 16:29	1
1,1,2-Trichloro-1,2,2-trifluoroethane	0.00079	U	0.00079	0.00024	mg/Kg	☼	10/05/25 16:08	10/06/25 16:29	1
1,1,2-Trichloroethane	0.00079	U	0.00079	0.00047	mg/Kg	☼	10/05/25 16:08	10/06/25 16:29	1
1,1-Dichloroethane	0.00079	U	0.00079	0.00047	mg/Kg	☼	10/05/25 16:08	10/06/25 16:29	1
1,1-Dichloroethene	0.00079	U	0.00079	0.00018	mg/Kg	☼	10/05/25 16:08	10/06/25 16:29	1
1,2,3-Trichlorobenzene	0.00079	U	0.00079	0.00058	mg/Kg	☼	10/05/25 16:08	10/06/25 16:29	1
1,2,4-Trichlorobenzene	0.00079	U	0.00079	0.00028	mg/Kg	☼	10/05/25 16:08	10/06/25 16:29	1
1,2,4-Trimethylbenzene	0.00079	U	0.00079	0.00019	mg/Kg	☼	10/05/25 16:08	10/06/25 16:29	1
1,2-Dibromo-3-Chloropropane	0.00079	U	0.00079	0.00036	mg/Kg	☼	10/05/25 16:08	10/06/25 16:29	1
1,2-Dichlorobenzene	0.00079	U	0.00079	0.00028	mg/Kg	☼	10/05/25 16:08	10/06/25 16:29	1
1,2-Dichloroethane	0.00079	U	0.00079	0.00023	mg/Kg	☼	10/05/25 16:08	10/06/25 16:29	1
1,2-Dichloropropane	0.00079	U	0.00079	0.00033	mg/Kg	☼	10/05/25 16:08	10/06/25 16:29	1
1,3,5-Trimethylbenzene	0.00079	U	0.00079	0.00025	mg/Kg	☼	10/05/25 16:08	10/06/25 16:29	1
1,3-Dichlorobenzene	0.00079	U	0.00079	0.00029	mg/Kg	☼	10/05/25 16:08	10/06/25 16:29	1
1,4-Dichlorobenzene	0.00079	U	0.00079	0.00041	mg/Kg	☼	10/05/25 16:08	10/06/25 16:29	1
2-Butanone (MEK)	0.0039	U	0.0039	0.00029	mg/Kg	☼	10/05/25 16:08	10/06/25 16:29	1
2-Hexanone	0.0039	U	0.0039	0.0013	mg/Kg	☼	10/05/25 16:08	10/06/25 16:29	1
4-Methyl-2-pentanone (MIBK)	0.0039	U	0.0039	0.0012	mg/Kg	☼	10/05/25 16:08	10/06/25 16:29	1
Acetone	0.0047	U	0.0047	0.0045	mg/Kg	☼	10/05/25 16:08	10/06/25 16:29	1
Benzene	0.00079	U	0.00079	0.00045	mg/Kg	☼	10/05/25 16:08	10/06/25 16:29	1
Bromoform	0.00079	U	0.00079	0.00034	mg/Kg	☼	10/05/25 16:08	10/06/25 16:29	1
Bromomethane	0.0016	U	0.0016	0.00079	mg/Kg	☼	10/05/25 16:08	10/06/25 16:29	1

Client Sample ID: 43B3_3-4
Date Collected: 10/01/25 10:10
Date Received: 10/01/25 16:15

Lab Sample ID: 460-336212-33
Matrix: Solid
Percent Solids: 89.1

Method: SW846 8260D - Volatile Organic Compounds by GC/MS (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Carbon disulfide	0.00079	U	0.00079	0.00021	mg/Kg	☼	10/05/25 16:08	10/06/25 16:29	1
Carbon tetrachloride	0.00079	U	0.00079	0.00031	mg/Kg	☼	10/05/25 16:08	10/06/25 16:29	1
Chlorobenzene	0.00079	U	0.00079	0.00040	mg/Kg	☼	10/05/25 16:08	10/06/25 16:29	1
Chlorobromomethane	0.00079	U	0.00079	0.00047	mg/Kg	☼	10/05/25 16:08	10/06/25 16:29	1
Chlorodibromomethane	0.00079	U	0.00079	0.00042	mg/Kg	☼	10/05/25 16:08	10/06/25 16:29	1
Chloroethane	0.00079	U	0.00079	0.00041	mg/Kg	☼	10/05/25 16:08	10/06/25 16:29	1
Chloroform	0.00079	U	0.00079	0.00077	mg/Kg	☼	10/05/25 16:08	10/06/25 16:29	1
Chloromethane	0.00079	U	0.00079	0.00034	mg/Kg	☼	10/05/25 16:08	10/06/25 16:29	1
cis-1,2-Dichloroethene	0.00079	U	0.00079	0.00028	mg/Kg	☼	10/05/25 16:08	10/06/25 16:29	1
cis-1,3-Dichloropropene	0.00079	U	0.00079	0.00022	mg/Kg	☼	10/05/25 16:08	10/06/25 16:29	1
Cyclohexane	0.00079	U	0.00079	0.00017	mg/Kg	☼	10/05/25 16:08	10/06/25 16:29	1
Dichlorobromomethane	0.00079	U	0.00079	0.00020	mg/Kg	☼	10/05/25 16:08	10/06/25 16:29	1
Dichlorodifluoromethane	0.00079	U	0.00079	0.00027	mg/Kg	☼	10/05/25 16:08	10/06/25 16:29	1
Ethylbenzene	0.00079	U	0.00079	0.00037	mg/Kg	☼	10/05/25 16:08	10/06/25 16:29	1
Ethylene Dibromide	0.00079	U	0.00079	0.00040	mg/Kg	☼	10/05/25 16:08	10/06/25 16:29	1
Isopropylbenzene	0.00079	U	0.00079	0.00022	mg/Kg	☼	10/05/25 16:08	10/06/25 16:29	1
Methyl acetate	0.0039	U	0.0039	0.0034	mg/Kg	☼	10/05/25 16:08	10/06/25 16:29	1
Methyl tert-butyl ether	0.00079	U	0.00079	0.00040	mg/Kg	☼	10/05/25 16:08	10/06/25 16:29	1
Methylcyclohexane	0.00079	U *	0.00079	0.00039	mg/Kg	☼	10/05/25 16:08	10/06/25 16:29	1
Methylene Chloride	**0.0013**	**J**	0.0016	0.00090	mg/Kg	☼	10/05/25 16:08	10/06/25 16:29	1
m-Xylene & p-Xylene	0.00079	U	0.00079	0.00033	mg/Kg	☼	10/05/25 16:08	10/06/25 16:29	1
n-Butylbenzene	0.00079	U	0.00079	0.00023	mg/Kg	☼	10/05/25 16:08	10/06/25 16:29	1
N-Propylbenzene	0.00079	U	0.00079	0.00035	mg/Kg	☼	10/05/25 16:08	10/06/25 16:29	1
o-Xylene	0.00079	U	0.00079	0.00036	mg/Kg	☼	10/05/25 16:08	10/06/25 16:29	1
sec-Butylbenzene	0.00079	U	0.00079	0.00023	mg/Kg	☼	10/05/25 16:08	10/06/25 16:29	1
Styrene	0.00079	U	0.00079	0.00022	mg/Kg	☼	10/05/25 16:08	10/06/25 16:29	1
tert-Butylbenzene	0.00079	U *	0.00079	0.00022	mg/Kg	☼	10/05/25 16:08	10/06/25 16:29	1
Tetrachloroethene	0.00079	U	0.00079	0.00024	mg/Kg	☼	10/05/25 16:08	10/06/25 16:29	1
Toluene	0.00079	U	0.00079	0.00018	mg/Kg	☼	10/05/25 16:08	10/06/25 16:29	1
trans-1,2-Dichloroethene	0.00079	U	0.00079	0.00019	mg/Kg	☼	10/05/25 16:08	10/06/25 16:29	1
trans-1,3-Dichloropropene	0.00079	U	0.00079	0.00021	mg/Kg	☼	10/05/25 16:08	10/06/25 16:29	1
Trichloroethene	0.00079	U	0.00079	0.00025	mg/Kg	☼	10/05/25 16:08	10/06/25 16:29	1
Trichlorofluoromethane	0.00079	U	0.00079	0.00032	mg/Kg	☼	10/05/25 16:08	10/06/25 16:29	1
Vinyl chloride	0.00079	U	0.00079	0.00043	mg/Kg	☼	10/05/25 16:08	10/06/25 16:29	1
Xylenes, Total	0.0016	U	0.0016	0.00014	mg/Kg	☼	10/05/25 16:08	10/06/25 16:29	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,2-Dichloroethane-d4 (Surr)	*112*		*65 - 138*	*10/05/25 16:08*	*10/06/25 16:29*	*1*
4-Bromofluorobenzene	*100*		*71 - 128*	*10/05/25 16:08*	*10/06/25 16:29*	*1*
Dibromofluoromethane (Surr)	*117*		*50 - 150*	*10/05/25 16:08*	*10/06/25 16:29*	*1*
Toluene-d8 (Surr)	*95*		*71 - 126*	*10/05/25 16:08*	*10/06/25 16:29*	*1*

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Percent Moisture (EPA Moisture)	**10.9**		1.0	1.0	%			10/05/25 17:30	1
Percent Solids (EPA Moisture)	**89.1**		1.0	1.0	%			10/05/25 17:30	1

Client Sample ID: 43B1_4-5
Date Collected: 10/01/25 10:15
Date Received: 10/01/25 16:15

Lab Sample ID: 460-336212-34
Matrix: Solid
Percent Solids: 93.4

Method: SW846 8260D - Volatile Organic Compounds by GC/MS

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1-Trichloroethane	0.0010	U	0.0010	0.00023	mg/Kg	☼	10/05/25 16:08	10/06/25 16:52	1
1,1,2,2-Tetrachloroethane	0.0010	U	0.0010	0.00052	mg/Kg	☼	10/05/25 16:08	10/06/25 16:52	1
1,1,2-Trichloro-1,2,2-trifluoroethane	0.0010	U	0.0010	0.00030	mg/Kg	☼	10/05/25 16:08	10/06/25 16:52	1
1,1,2-Trichloroethane	0.0010	U	0.0010	0.00060	mg/Kg	☼	10/05/25 16:08	10/06/25 16:52	1
1,1-Dichloroethane	0.0010	U	0.0010	0.00060	mg/Kg	☼	10/05/25 16:08	10/06/25 16:52	1
1,1-Dichloroethene	0.0010	U	0.0010	0.00023	mg/Kg	☼	10/05/25 16:08	10/06/25 16:52	1
1,2,3-Trichlorobenzene	0.0010	U	0.0010	0.00074	mg/Kg	☼	10/05/25 16:08	10/06/25 16:52	1
1,2,4-Trichlorobenzene	0.0010	U	0.0010	0.00036	mg/Kg	☼	10/05/25 16:08	10/06/25 16:52	1
1,2,4-Trimethylbenzene	0.0010	U	0.0010	0.00025	mg/Kg	☼	10/05/25 16:08	10/06/25 16:52	1
1,2-Dibromo-3-Chloropropane	0.0010	U	0.0010	0.00046	mg/Kg	☼	10/05/25 16:08	10/06/25 16:52	1
1,2-Dichlorobenzene	0.0010	U	0.0010	0.00036	mg/Kg	☼	10/05/25 16:08	10/06/25 16:52	1
1,2-Dichloroethane	0.0010	U	0.0010	0.00030	mg/Kg	☼	10/05/25 16:08	10/06/25 16:52	1
1,2-Dichloropropane	0.0010	U	0.0010	0.00043	mg/Kg	☼	10/05/25 16:08	10/06/25 16:52	1
1,3,5-Trimethylbenzene	0.0010	U	0.0010	0.00032	mg/Kg	☼	10/05/25 16:08	10/06/25 16:52	1
1,3-Dichlorobenzene	0.0010	U	0.0010	0.00037	mg/Kg	☼	10/05/25 16:08	10/06/25 16:52	1
1,4-Dichlorobenzene	0.0010	U	0.0010	0.00052	mg/Kg	☼	10/05/25 16:08	10/06/25 16:52	1
2-Butanone (MEK)	0.0050	U	0.0050	0.00037	mg/Kg	☼	10/05/25 16:08	10/06/25 16:52	1
2-Hexanone	0.0050	U	0.0050	0.0017	mg/Kg	☼	10/05/25 16:08	10/06/25 16:52	1
4-Methyl-2-pentanone (MIBK)	0.0050	U	0.0050	0.0016	mg/Kg	☼	10/05/25 16:08	10/06/25 16:52	1
Acetone	0.0060	U	0.0060	0.0057	mg/Kg	☼	10/05/25 16:08	10/06/25 16:52	1
Benzene	0.0010	U	0.0010	0.00057	mg/Kg	☼	10/05/25 16:08	10/06/25 16:52	1
Bromoform	0.0010	U	0.0010	0.00043	mg/Kg	☼	10/05/25 16:08	10/06/25 16:52	1
Bromomethane	0.0020	U	0.0020	0.0010	mg/Kg	☼	10/05/25 16:08	10/06/25 16:52	1
Carbon disulfide	0.0010	U	0.0010	0.00027	mg/Kg	☼	10/05/25 16:08	10/06/25 16:52	1
Carbon tetrachloride	0.0010	U	0.0010	0.00039	mg/Kg	☼	10/05/25 16:08	10/06/25 16:52	1
Chlorobenzene	0.0010	U	0.0010	0.00051	mg/Kg	☼	10/05/25 16:08	10/06/25 16:52	1
Chlorobromomethane	0.0010	U	0.0010	0.00060	mg/Kg	☼	10/05/25 16:08	10/06/25 16:52	1
Chlorodibromomethane	0.0010	U	0.0010	0.00054	mg/Kg	☼	10/05/25 16:08	10/06/25 16:52	1
Chloroethane	0.0010	U	0.0010	0.00052	mg/Kg	☼	10/05/25 16:08	10/06/25 16:52	1
Chloroform	0.0010	U	0.0010	0.00098	mg/Kg	☼	10/05/25 16:08	10/06/25 16:52	1
Chloromethane	0.0010	U	0.0010	0.00044	mg/Kg	☼	10/05/25 16:08	10/06/25 16:52	1
cis-1,2-Dichloroethene	0.0010	U	0.0010	0.00036	mg/Kg	☼	10/05/25 16:08	10/06/25 16:52	1
cis-1,3-Dichloropropene	0.0010	U	0.0010	0.00027	mg/Kg	☼	10/05/25 16:08	10/06/25 16:52	1
Cyclohexane	0.0010	U	0.0010	0.00022	mg/Kg	☼	10/05/25 16:08	10/06/25 16:52	1
Dichlorobromomethane	0.0010	U	0.0010	0.00026	mg/Kg	☼	10/05/25 16:08	10/06/25 16:52	1
Dichlorodifluoromethane	0.0010	U	0.0010	0.00034	mg/Kg	☼	10/05/25 16:08	10/06/25 16:52	1
Ethylbenzene	0.0010	U	0.0010	0.00047	mg/Kg	☼	10/05/25 16:08	10/06/25 16:52	1
Ethylene Dibromide	0.0010	U	0.0010	0.00051	mg/Kg	☼	10/05/25 16:08	10/06/25 16:52	1
Isopropylbenzene	0.0010	U	0.0010	0.00029	mg/Kg	☼	10/05/25 16:08	10/06/25 16:52	1
Methyl acetate	0.0050	U	0.0050	0.0043	mg/Kg	☼	10/05/25 16:08	10/06/25 16:52	1
Methyl tert-butyl ether	0.0010	U	0.0010	0.00051	mg/Kg	☼	10/05/25 16:08	10/06/25 16:52	1
Methylcyclohexane	0.0010	U *	0.0010	0.00050	mg/Kg	☼	10/05/25 16:08	10/06/25 16:52	1
Methylene Chloride	**0.0022**		0.0020	0.0012	mg/Kg	☼	10/05/25 16:08	10/06/25 16:52	1
m-Xylene & p-Xylene	0.0010	U	0.0010	0.00043	mg/Kg	☼	10/05/25 16:08	10/06/25 16:52	1
n-Butylbenzene	0.0010	U	0.0010	0.00030	mg/Kg	☼	10/05/25 16:08	10/06/25 16:52	1
N-Propylbenzene	0.0010	U	0.0010	0.00045	mg/Kg	☼	10/05/25 16:08	10/06/25 16:52	1
o-Xylene	0.0010	U	0.0010	0.00046	mg/Kg	☼	10/05/25 16:08	10/06/25 16:52	1
sec-Butylbenzene	0.0010	U	0.0010	0.00029	mg/Kg	☼	10/05/25 16:08	10/06/25 16:52	1
Styrene	0.0010	U	0.0010	0.00028	mg/Kg	☼	10/05/25 16:08	10/06/25 16:52	1

Client Sample ID: 43B1_4-5

Lab Sample ID: 460-336212-34
Date Collected: 10/01/25 10:15
Matrix: Solid
Date Received: 10/01/25 16:15
Percent Solids: 93.4

Method: SW846 8260D - Volatile Organic Compounds by GC/MS (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
tert-Butylbenzene	0.0010	U *	0.0010	0.00028	mg/Kg	☼	10/05/25 16:08	10/06/25 16:52	1
Tetrachloroethene	0.0010	U	0.0010	0.00031	mg/Kg	☼	10/05/25 16:08	10/06/25 16:52	1
Toluene	0.0010	U	0.0010	0.00024	mg/Kg	☼	10/05/25 16:08	10/06/25 16:52	1
trans-1,2-Dichloroethene	0.0010	U	0.0010	0.00025	mg/Kg	☼	10/05/25 16:08	10/06/25 16:52	1
trans-1,3-Dichloropropene	0.0010	U	0.0010	0.00027	mg/Kg	☼	10/05/25 16:08	10/06/25 16:52	1
Trichloroethene	0.0010	U	0.0010	0.00032	mg/Kg	☼	10/05/25 16:08	10/06/25 16:52	1
Trichlorofluoromethane	0.0010	U	0.0010	0.00041	mg/Kg	☼	10/05/25 16:08	10/06/25 16:52	1
Vinyl chloride	0.0010	U	0.0010	0.00055	mg/Kg	☼	10/05/25 16:08	10/06/25 16:52	1
Xylenes, Total	0.0020	U	0.0020	0.00017	mg/Kg	☼	10/05/25 16:08	10/06/25 16:52	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,2-Dichloroethane-d4 (Surr)	*113*		*65 - 138*	*10/05/25 16:08*	*10/06/25 16:52*	*1*
4-Bromofluorobenzene	*100*		*71 - 128*	*10/05/25 16:08*	*10/06/25 16:52*	*1*
Dibromofluoromethane (Surr)	*119*		*50 - 150*	*10/05/25 16:08*	*10/06/25 16:52*	*1*
Toluene-d8 (Surr)	*96*		*71 - 126*	*10/05/25 16:08*	*10/06/25 16:52*	*1*

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Percent Moisture (EPA Moisture)	**6.6**		1.0	1.0	%			10/05/25 17:30	1
Percent Solids (EPA Moisture)	**93.4**		1.0	1.0	%			10/05/25 17:30	1

Client Sample ID: 43B2_5-6

Lab Sample ID: 460-336212-35
Date Collected: 10/01/25 10:20
Matrix: Solid
Date Received: 10/01/25 16:15
Percent Solids: 93.2

Method: SW846 8260D - Volatile Organic Compounds by GC/MS

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1-Trichloroethane	0.0011	U	0.0011	0.00025	mg/Kg	☼	10/05/25 16:09	10/06/25 17:15	1
1,1,2,2-Tetrachloroethane	0.0011	U	0.0011	0.00057	mg/Kg	☼	10/05/25 16:09	10/06/25 17:15	1
1,1,2-Trichloro-1,2,2-trifluoroethane	0.0011	U	0.0011	0.00033	mg/Kg	☼	10/05/25 16:09	10/06/25 17:15	1
1,1,2-Trichloroethane	0.0011	U	0.0011	0.00065	mg/Kg	☼	10/05/25 16:09	10/06/25 17:15	1
1,1-Dichloroethane	0.0011	U	0.0011	0.00065	mg/Kg	☼	10/05/25 16:09	10/06/25 17:15	1
1,1-Dichloroethene	0.0011	U	0.0011	0.00025	mg/Kg	☼	10/05/25 16:09	10/06/25 17:15	1
1,2,3-Trichlorobenzene	0.0011	U	0.0011	0.00080	mg/Kg	☼	10/05/25 16:09	10/06/25 17:15	1
1,2,4-Trichlorobenzene	0.0011	U	0.0011	0.00039	mg/Kg	☼	10/05/25 16:09	10/06/25 17:15	1
1,2,4-Trimethylbenzene	0.0011	U	0.0011	0.00027	mg/Kg	☼	10/05/25 16:09	10/06/25 17:15	1
1,2-Dibromo-3-Chloropropane	0.0011	U	0.0011	0.00050	mg/Kg	☼	10/05/25 16:09	10/06/25 17:15	1
1,2-Dichlorobenzene	0.0011	U	0.0011	0.00039	mg/Kg	☼	10/05/25 16:09	10/06/25 17:15	1
1,2-Dichloroethane	0.0011	U	0.0011	0.00032	mg/Kg	☼	10/05/25 16:09	10/06/25 17:15	1
1,2-Dichloropropane	0.0011	U	0.0011	0.00046	mg/Kg	☼	10/05/25 16:09	10/06/25 17:15	1
1,3,5-Trimethylbenzene	0.0011	U	0.0011	0.00034	mg/Kg	☼	10/05/25 16:09	10/06/25 17:15	1
1,3-Dichlorobenzene	0.0011	U	0.0011	0.00040	mg/Kg	☼	10/05/25 16:09	10/06/25 17:15	1
1,4-Dichlorobenzene	0.0011	U	0.0011	0.00057	mg/Kg	☼	10/05/25 16:09	10/06/25 17:15	1
2-Butanone (MEK)	0.0054	U	0.0054	0.00040	mg/Kg	☼	10/05/25 16:09	10/06/25 17:15	1
2-Hexanone	0.0054	U	0.0054	0.0019	mg/Kg	☼	10/05/25 16:09	10/06/25 17:15	1
4-Methyl-2-pentanone (MIBK)	0.0054	U	0.0054	0.0017	mg/Kg	☼	10/05/25 16:09	10/06/25 17:15	1
Acetone	0.0065	U	0.0065	0.0062	mg/Kg	☼	10/05/25 16:09	10/06/25 17:15	1
Benzene	0.0011	U	0.0011	0.00062	mg/Kg	☼	10/05/25 16:09	10/06/25 17:15	1
Bromoform	0.0011	U	0.0011	0.00046	mg/Kg	☼	10/05/25 16:09	10/06/25 17:15	1
Bromomethane	0.0022	U	0.0022	0.0011	mg/Kg	☼	10/05/25 16:09	10/06/25 17:15	1

Client Sample ID: 43B2_5-6
Date Collected: 10/01/25 10:20
Date Received: 10/01/25 16:15

Lab Sample ID: 460-336212-35
Matrix: Solid
Percent Solids: 93.2

Method: SW846 8260D - Volatile Organic Compounds by GC/MS (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Carbon disulfide	0.0011	U	0.0011	0.00029	mg/Kg	☼	10/05/25 16:09	10/06/25 17:15	1
Carbon tetrachloride	0.0011	U	0.0011	0.00042	mg/Kg	☼	10/05/25 16:09	10/06/25 17:15	1
Chlorobenzene	0.0011	U	0.0011	0.00055	mg/Kg	☼	10/05/25 16:09	10/06/25 17:15	1
Chlorobromomethane	0.0011	U	0.0011	0.00065	mg/Kg	☼	10/05/25 16:09	10/06/25 17:15	1
Chlorodibromomethane	0.0011	U	0.0011	0.00059	mg/Kg	☼	10/05/25 16:09	10/06/25 17:15	1
Chloroethane	0.0011	U	0.0011	0.00057	mg/Kg	☼	10/05/25 16:09	10/06/25 17:15	1
Chloroform	0.0011	U	0.0011	0.0011	mg/Kg	☼	10/05/25 16:09	10/06/25 17:15	1
Chloromethane	0.0011	U	0.0011	0.00047	mg/Kg	☼	10/05/25 16:09	10/06/25 17:15	1
cis-1,2-Dichloroethene	0.0011	U	0.0011	0.00039	mg/Kg	☼	10/05/25 16:09	10/06/25 17:15	1
cis-1,3-Dichloropropene	0.0011	U	0.0011	0.00030	mg/Kg	☼	10/05/25 16:09	10/06/25 17:15	1
Cyclohexane	0.0011	U	0.0011	0.00024	mg/Kg	☼	10/05/25 16:09	10/06/25 17:15	1
Dichlorobromomethane	0.0011	U	0.0011	0.00028	mg/Kg	☼	10/05/25 16:09	10/06/25 17:15	1
Dichlorodifluoromethane	0.0011	U	0.0011	0.00037	mg/Kg	☼	10/05/25 16:09	10/06/25 17:15	1
Ethylbenzene	0.0011	U	0.0011	0.00051	mg/Kg	☼	10/05/25 16:09	10/06/25 17:15	1
Ethylene Dibromide	0.0011	U	0.0011	0.00055	mg/Kg	☼	10/05/25 16:09	10/06/25 17:15	1
Isopropylbenzene	0.0011	U	0.0011	0.00031	mg/Kg	☼	10/05/25 16:09	10/06/25 17:15	1
Methyl acetate	0.0054	U	0.0054	0.0047	mg/Kg	☼	10/05/25 16:09	10/06/25 17:15	1
Methyl tert-butyl ether	0.0011	U	0.0011	0.00056	mg/Kg	☼	10/05/25 16:09	10/06/25 17:15	1
Methylcyclohexane	0.0011	U *	0.0011	0.00054	mg/Kg	☼	10/05/25 16:09	10/06/25 17:15	1
Methylene Chloride	**0.0027**		0.0022	0.0012	mg/Kg	☼	10/05/25 16:09	10/06/25 17:15	1
m-Xylene & p-Xylene	0.0011	U	0.0011	0.00046	mg/Kg	☼	10/05/25 16:09	10/06/25 17:15	1
n-Butylbenzene	0.0011	U	0.0011	0.00032	mg/Kg	☼	10/05/25 16:09	10/06/25 17:15	1
N-Propylbenzene	0.0011	U	0.0011	0.00049	mg/Kg	☼	10/05/25 16:09	10/06/25 17:15	1
o-Xylene	0.0011	U	0.0011	0.00050	mg/Kg	☼	10/05/25 16:09	10/06/25 17:15	1
sec-Butylbenzene	0.0011	U	0.0011	0.00031	mg/Kg	☼	10/05/25 16:09	10/06/25 17:15	1
Styrene	0.0011	U	0.0011	0.00030	mg/Kg	☼	10/05/25 16:09	10/06/25 17:15	1
tert-Butylbenzene	0.0011	U *	0.0011	0.00030	mg/Kg	☼	10/05/25 16:09	10/06/25 17:15	1
Tetrachloroethene	0.0011	U	0.0011	0.00033	mg/Kg	☼	10/05/25 16:09	10/06/25 17:15	1
Toluene	0.0011	U	0.0011	0.00025	mg/Kg	☼	10/05/25 16:09	10/06/25 17:15	1
trans-1,2-Dichloroethene	0.0011	U	0.0011	0.00027	mg/Kg	☼	10/05/25 16:09	10/06/25 17:15	1
trans-1,3-Dichloropropene	0.0011	U	0.0011	0.00029	mg/Kg	☼	10/05/25 16:09	10/06/25 17:15	1
Trichloroethene	0.0011	U	0.0011	0.00035	mg/Kg	☼	10/05/25 16:09	10/06/25 17:15	1
Trichlorofluoromethane	0.0011	U	0.0011	0.00044	mg/Kg	☼	10/05/25 16:09	10/06/25 17:15	1
Vinyl chloride	0.0011	U	0.0011	0.00059	mg/Kg	☼	10/05/25 16:09	10/06/25 17:15	1
Xylenes, Total	0.0022	U	0.0022	0.00019	mg/Kg	☼	10/05/25 16:09	10/06/25 17:15	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,2-Dichloroethane-d4 (Surr)	*115*		*65 - 138*	*10/05/25 16:09*	*10/06/25 17:15*	*1*
4-Bromofluorobenzene	*100*		*71 - 128*	*10/05/25 16:09*	*10/06/25 17:15*	*1*
Dibromofluoromethane (Surr)	*119*		*50 - 150*	*10/05/25 16:09*	*10/06/25 17:15*	*1*
Toluene-d8 (Surr)	*95*		*71 - 126*	*10/05/25 16:09*	*10/06/25 17:15*	*1*

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Percent Moisture (EPA Moisture)	**6.8**		1.0	1.0	%			10/05/25 17:30	1
Percent Solids (EPA Moisture)	**93.2**		1.0	1.0	%			10/05/25 17:30	1

Client: Haley & Aldrich, Inc.
Project/Site: Former Port Mobil

Job ID: 460-336212-1

Client Sample ID: 43B3_6-7
Date Collected: 10/01/25 10:25
Date Received: 10/01/25 16:15

Lab Sample ID: 460-336212-36
Matrix: Solid
Percent Solids: 91.4

Method: SW846 8260D - Volatile Organic Compounds by GC/MS

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1-Trichloroethane	0.00088	U	0.00088	0.00021	mg/Kg	☼	10/05/25 16:09	10/06/25 17:38	1
1,1,2,2-Tetrachloroethane	0.00088	U	0.00088	0.00046	mg/Kg	☼	10/05/25 16:09	10/06/25 17:38	1
1,1,2-Trichloro-1,2,2-trifluoroethane	0.00088	U	0.00088	0.00027	mg/Kg	☼	10/05/25 16:09	10/06/25 17:38	1
1,1,2-Trichloroethane	0.00088	U	0.00088	0.00053	mg/Kg	☼	10/05/25 16:09	10/06/25 17:38	1
1,1-Dichloroethane	0.00088	U	0.00088	0.00053	mg/Kg	☼	10/05/25 16:09	10/06/25 17:38	1
1,1-Dichloroethene	0.00088	U	0.00088	0.00020	mg/Kg	☼	10/05/25 16:09	10/06/25 17:38	1
1,2,3-Trichlorobenzene	0.00088	U	0.00088	0.00065	mg/Kg	☼	10/05/25 16:09	10/06/25 17:38	1
1,2,4-Trichlorobenzene	0.00088	U	0.00088	0.00032	mg/Kg	☼	10/05/25 16:09	10/06/25 17:38	1
1,2,4-Trimethylbenzene	0.00088	U	0.00088	0.00022	mg/Kg	☼	10/05/25 16:09	10/06/25 17:38	1
1,2-Dibromo-3-Chloropropane	0.00088	U	0.00088	0.00041	mg/Kg	☼	10/05/25 16:09	10/06/25 17:38	1
1,2-Dichlorobenzene	0.00088	U	0.00088	0.00032	mg/Kg	☼	10/05/25 16:09	10/06/25 17:38	1
1,2-Dichloroethane	0.00088	U	0.00088	0.00026	mg/Kg	☼	10/05/25 16:09	10/06/25 17:38	1
1,2-Dichloropropane	0.00088	U	0.00088	0.00037	mg/Kg	☼	10/05/25 16:09	10/06/25 17:38	1
1,3,5-Trimethylbenzene	0.00088	U	0.00088	0.00028	mg/Kg	☼	10/05/25 16:09	10/06/25 17:38	1
1,3-Dichlorobenzene	0.00088	U	0.00088	0.00032	mg/Kg	☼	10/05/25 16:09	10/06/25 17:38	1
1,4-Dichlorobenzene	0.00088	U	0.00088	0.00046	mg/Kg	☼	10/05/25 16:09	10/06/25 17:38	1
2-Butanone (MEK)	0.0044	U	0.0044	0.00032	mg/Kg	☼	10/05/25 16:09	10/06/25 17:38	1
2-Hexanone	0.0044	U	0.0044	0.0015	mg/Kg	☼	10/05/25 16:09	10/06/25 17:38	1
4-Methyl-2-pentanone (MIBK)	0.0044	U	0.0044	0.0014	mg/Kg	☼	10/05/25 16:09	10/06/25 17:38	1
Acetone	0.0053	U	0.0053	0.0050	mg/Kg	☼	10/05/25 16:09	10/06/25 17:38	1
Benzene	0.00088	U	0.00088	0.00050	mg/Kg	☼	10/05/25 16:09	10/06/25 17:38	1
Bromoform	0.00088	U	0.00088	0.00038	mg/Kg	☼	10/05/25 16:09	10/06/25 17:38	1
Bromomethane	0.0018	U	0.0018	0.00088	mg/Kg	☼	10/05/25 16:09	10/06/25 17:38	1
Carbon disulfide	0.00088	U	0.00088	0.00023	mg/Kg	☼	10/05/25 16:09	10/06/25 17:38	1
Carbon tetrachloride	0.00088	U	0.00088	0.00034	mg/Kg	☼	10/05/25 16:09	10/06/25 17:38	1
Chlorobenzene	0.00088	U	0.00088	0.00045	mg/Kg	☼	10/05/25 16:09	10/06/25 17:38	1
Chlorobromomethane	0.00088	U	0.00088	0.00053	mg/Kg	☼	10/05/25 16:09	10/06/25 17:38	1
Chlorodibromomethane	0.00088	U	0.00088	0.00047	mg/Kg	☼	10/05/25 16:09	10/06/25 17:38	1
Chloroethane	0.00088	U	0.00088	0.00046	mg/Kg	☼	10/05/25 16:09	10/06/25 17:38	1
Chloroform	0.00088	U	0.00088	0.00086	mg/Kg	☼	10/05/25 16:09	10/06/25 17:38	1
Chloromethane	0.00088	U	0.00088	0.00038	mg/Kg	☼	10/05/25 16:09	10/06/25 17:38	1
cis-1,2-Dichloroethene	0.00088	U	0.00088	0.00032	mg/Kg	☼	10/05/25 16:09	10/06/25 17:38	1
cis-1,3-Dichloropropene	0.00088	U	0.00088	0.00024	mg/Kg	☼	10/05/25 16:09	10/06/25 17:38	1
Cyclohexane	0.00088	U	0.00088	0.00020	mg/Kg	☼	10/05/25 16:09	10/06/25 17:38	1
Dichlorobromomethane	0.00088	U	0.00088	0.00023	mg/Kg	☼	10/05/25 16:09	10/06/25 17:38	1
Dichlorodifluoromethane	0.00088	U	0.00088	0.00030	mg/Kg	☼	10/05/25 16:09	10/06/25 17:38	1
Ethylbenzene	0.00088	U	0.00088	0.00041	mg/Kg	☼	10/05/25 16:09	10/06/25 17:38	1
Ethylene Dibromide	0.00088	U	0.00088	0.00044	mg/Kg	☼	10/05/25 16:09	10/06/25 17:38	1
Isopropylbenzene	0.00088	U	0.00088	0.00025	mg/Kg	☼	10/05/25 16:09	10/06/25 17:38	1
Methyl acetate	0.0044	U	0.0044	0.0038	mg/Kg	☼	10/05/25 16:09	10/06/25 17:38	1
Methyl tert-butyl ether	0.00088	U	0.00088	0.00045	mg/Kg	☼	10/05/25 16:09	10/06/25 17:38	1
Methylcyclohexane	0.00088	U *	0.00088	0.00044	mg/Kg	☼	10/05/25 16:09	10/06/25 17:38	1
Methylene Chloride	**0.0017**	**J**	0.0018	0.0010	mg/Kg	☼	10/05/25 16:09	10/06/25 17:38	1
m-Xylene & p-Xylene	0.00088	U	0.00088	0.00037	mg/Kg	☼	10/05/25 16:09	10/06/25 17:38	1
n-Butylbenzene	0.00088	U	0.00088	0.00026	mg/Kg	☼	10/05/25 16:09	10/06/25 17:38	1
N-Propylbenzene	0.00088	U	0.00088	0.00040	mg/Kg	☼	10/05/25 16:09	10/06/25 17:38	1
o-Xylene	0.00088	U	0.00088	0.00041	mg/Kg	☼	10/05/25 16:09	10/06/25 17:38	1
sec-Butylbenzene	0.00088	U	0.00088	0.00025	mg/Kg	☼	10/05/25 16:09	10/06/25 17:38	1
Styrene	0.00088	U	0.00088	0.00025	mg/Kg	☼	10/05/25 16:09	10/06/25 17:38	1

Client Sample ID: 43B3_6-7

Lab Sample ID: 460-336212-36
Date Collected: 10/01/25 10:25
Matrix: Solid
Date Received: 10/01/25 16:15
Percent Solids: 91.4

Method: SW846 8260D - Volatile Organic Compounds by GC/MS (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
tert-Butylbenzene	0.00088	U *	0.00088	0.00024	mg/Kg	☼	10/05/25 16:09	10/06/25 17:38	1
Tetrachloroethene	0.00088	U	0.00088	0.00027	mg/Kg	☼	10/05/25 16:09	10/06/25 17:38	1
Toluene	0.00088	U	0.00088	0.00021	mg/Kg	☼	10/05/25 16:09	10/06/25 17:38	1
trans-1,2-Dichloroethene	0.00088	U	0.00088	0.00022	mg/Kg	☼	10/05/25 16:09	10/06/25 17:38	1
trans-1,3-Dichloropropene	0.00088	U	0.00088	0.00023	mg/Kg	☼	10/05/25 16:09	10/06/25 17:38	1
Trichloroethene	0.00088	U	0.00088	0.00028	mg/Kg	☼	10/05/25 16:09	10/06/25 17:38	1
Trichlorofluoromethane	0.00088	U	0.00088	0.00036	mg/Kg	☼	10/05/25 16:09	10/06/25 17:38	1
Vinyl chloride	0.00088	U	0.00088	0.00048	mg/Kg	☼	10/05/25 16:09	10/06/25 17:38	1
Xylenes, Total	0.0018	U	0.0018	0.00015	mg/Kg	☼	10/05/25 16:09	10/06/25 17:38	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,2-Dichloroethane-d4 (Surr)	*111*		*65 - 138*	*10/05/25 16:09*	*10/06/25 17:38*	*1*
4-Bromofluorobenzene	*99*		*71 - 128*	*10/05/25 16:09*	*10/06/25 17:38*	*1*
Dibromofluoromethane (Surr)	*114*		*50 - 150*	*10/05/25 16:09*	*10/06/25 17:38*	*1*
Toluene-d8 (Surr)	*95*		*71 - 126*	*10/05/25 16:09*	*10/06/25 17:38*	*1*

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Percent Moisture (EPA Moisture)	**8.6**		1.0	1.0	%			10/05/25 17:30	1
Percent Solids (EPA Moisture)	**91.4**		1.0	1.0	%			10/05/25 17:30	1

Client Sample ID: 43B1_7-8

Lab Sample ID: 460-336212-37
Date Collected: 10/01/25 10:30
Matrix: Solid
Date Received: 10/01/25 16:15
Percent Solids: 92.2

Method: SW846 8260D - Volatile Organic Compounds by GC/MS

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1-Trichloroethane	0.0013	U	0.0013	0.00029	mg/Kg	☼	10/05/25 17:26	10/07/25 00:58	1
1,1,2,2-Tetrachloroethane	0.0013	U	0.0013	0.00066	mg/Kg	☼	10/05/25 17:26	10/07/25 00:58	1
1,1,2-Trichloro-1,2,2-trifluoroethane	0.0013	U	0.0013	0.00038	mg/Kg	☼	10/05/25 17:26	10/07/25 00:58	1
1,1,2-Trichloroethane	0.0013	U	0.0013	0.00076	mg/Kg	☼	10/05/25 17:26	10/07/25 00:58	1
1,1-Dichloroethane	0.0013	U	0.0013	0.00075	mg/Kg	☼	10/05/25 17:26	10/07/25 00:58	1
1,1-Dichloroethene	0.0013	U	0.0013	0.00028	mg/Kg	☼	10/05/25 17:26	10/07/25 00:58	1
1,2,3-Trichlorobenzene	0.0013	U	0.0013	0.00093	mg/Kg	☼	10/05/25 17:26	10/07/25 00:58	1
1,2,4-Trichlorobenzene	0.0013	U	0.0013	0.00045	mg/Kg	☼	10/05/25 17:26	10/07/25 00:58	1
1,2,4-Trimethylbenzene	0.0013	U	0.0013	0.00031	mg/Kg	☼	10/05/25 17:26	10/07/25 00:58	1
1,2-Dibromo-3-Chloropropane	0.0013	U	0.0013	0.00058	mg/Kg	☼	10/05/25 17:26	10/07/25 00:58	1
1,2-Dichlorobenzene	0.0013	U	0.0013	0.00045	mg/Kg	☼	10/05/25 17:26	10/07/25 00:58	1
1,2-Dichloroethane	0.0013	U	0.0013	0.00037	mg/Kg	☼	10/05/25 17:26	10/07/25 00:58	1
1,2-Dichloropropane	0.0013	U	0.0013	0.00053	mg/Kg	☼	10/05/25 17:26	10/07/25 00:58	1
1,3,5-Trimethylbenzene	0.0013	U	0.0013	0.00040	mg/Kg	☼	10/05/25 17:26	10/07/25 00:58	1
1,3-Dichlorobenzene	0.0013	U	0.0013	0.00046	mg/Kg	☼	10/05/25 17:26	10/07/25 00:58	1
1,4-Dichlorobenzene	0.0013	U	0.0013	0.00065	mg/Kg	☼	10/05/25 17:26	10/07/25 00:58	1
2-Butanone (MEK)	0.0063	U	0.0063	0.00046	mg/Kg	☼	10/05/25 17:26	10/07/25 00:58	1
2-Hexanone	0.0063	U	0.0063	0.0022	mg/Kg	☼	10/05/25 17:26	10/07/25 00:58	1
4-Methyl-2-pentanone (MIBK)	0.0063	U	0.0063	0.0020	mg/Kg	☼	10/05/25 17:26	10/07/25 00:58	1
Acetone	0.0075	U	0.0075	0.0072	mg/Kg	☼	10/05/25 17:26	10/07/25 00:58	1
Benzene	0.0013	U	0.0013	0.00071	mg/Kg	☼	10/05/25 17:26	10/07/25 00:58	1
Bromoform	0.0013	U	0.0013	0.00053	mg/Kg	☼	10/05/25 17:26	10/07/25 00:58	1
Bromomethane	0.0025	U	0.0025	0.0013	mg/Kg	☼	10/05/25 17:26	10/07/25 00:58	1

Client Sample ID: 43B1_7-8
Date Collected: 10/01/25 10:30
Date Received: 10/01/25 16:15

Lab Sample ID: 460-336212-37
Matrix: Solid
Percent Solids: 92.2

Method: SW846 8260D - Volatile Organic Compounds by GC/MS (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Carbon disulfide	0.0013	U	0.0013	0.00033	mg/Kg	☼	10/05/25 17:26	10/07/25 00:58	1
Carbon tetrachloride	0.0013	U	0.0013	0.00049	mg/Kg	☼	10/05/25 17:26	10/07/25 00:58	1
Chlorobenzene	0.0013	U	0.0013	0.00064	mg/Kg	☼	10/05/25 17:26	10/07/25 00:58	1
Chlorobromomethane	0.0013	U	0.0013	0.00075	mg/Kg	☼	10/05/25 17:26	10/07/25 00:58	1
Chlorodibromomethane	0.0013	U	0.0013	0.00068	mg/Kg	☼	10/05/25 17:26	10/07/25 00:58	1
Chloroethane	0.0013	U	0.0013	0.00066	mg/Kg	☼	10/05/25 17:26	10/07/25 00:58	1
Chloroform	0.0013	U	0.0013	0.0012	mg/Kg	☼	10/05/25 17:26	10/07/25 00:58	1
Chloromethane	0.0013	U	0.0013	0.00055	mg/Kg	☼	10/05/25 17:26	10/07/25 00:58	1
cis-1,2-Dichloroethene	0.0013	U	0.0013	0.00045	mg/Kg	☼	10/05/25 17:26	10/07/25 00:58	1
cis-1,3-Dichloropropene	0.0013	U	0.0013	0.00034	mg/Kg	☼	10/05/25 17:26	10/07/25 00:58	1
Cyclohexane	0.0013	U	0.0013	0.00028	mg/Kg	☼	10/05/25 17:26	10/07/25 00:58	1
Dichlorobromomethane	0.0013	U	0.0013	0.00032	mg/Kg	☼	10/05/25 17:26	10/07/25 00:58	1
Dichlorodifluoromethane	0.0013	U *	0.0013	0.00043	mg/Kg	☼	10/05/25 17:26	10/07/25 00:58	1
Ethylbenzene	0.0013	U	0.0013	0.00059	mg/Kg	☼	10/05/25 17:26	10/07/25 00:58	1
Ethylene Dibromide	0.0013	U	0.0013	0.00063	mg/Kg	☼	10/05/25 17:26	10/07/25 00:58	1
Isopropylbenzene	0.0013	U	0.0013	0.00036	mg/Kg	☼	10/05/25 17:26	10/07/25 00:58	1
Methyl acetate	0.0063	U	0.0063	0.0054	mg/Kg	☼	10/05/25 17:26	10/07/25 00:58	1
Methyl tert-butyl ether	0.0013	U	0.0013	0.00064	mg/Kg	☼	10/05/25 17:26	10/07/25 00:58	1
Methylcyclohexane	0.0013	U	0.0013	0.00063	mg/Kg	☼	10/05/25 17:26	10/07/25 00:58	1
Methylene Chloride	**0.0017**	**J**	0.0025	0.0014	mg/Kg	☼	10/05/25 17:26	10/07/25 00:58	1
m-Xylene & p-Xylene	0.0013	U	0.0013	0.00053	mg/Kg	☼	10/05/25 17:26	10/07/25 00:58	1
n-Butylbenzene	0.0013	U	0.0013	0.00037	mg/Kg	☼	10/05/25 17:26	10/07/25 00:58	1
N-Propylbenzene	0.0013	U	0.0013	0.00056	mg/Kg	☼	10/05/25 17:26	10/07/25 00:58	1
o-Xylene	0.0013	U	0.0013	0.00058	mg/Kg	☼	10/05/25 17:26	10/07/25 00:58	1
sec-Butylbenzene	0.0013	U	0.0013	0.00036	mg/Kg	☼	10/05/25 17:26	10/07/25 00:58	1
Styrene	0.0013	U	0.0013	0.00035	mg/Kg	☼	10/05/25 17:26	10/07/25 00:58	1
tert-Butylbenzene	0.0013	U	0.0013	0.00035	mg/Kg	☼	10/05/25 17:26	10/07/25 00:58	1
Tetrachloroethene	0.0013	U	0.0013	0.00038	mg/Kg	☼	10/05/25 17:26	10/07/25 00:58	1
Toluene	0.0013	U	0.0013	0.00029	mg/Kg	☼	10/05/25 17:26	10/07/25 00:58	1
trans-1,2-Dichloroethene	0.0013	U	0.0013	0.00031	mg/Kg	☼	10/05/25 17:26	10/07/25 00:58	1
trans-1,3-Dichloropropene	0.0013	U	0.0013	0.00033	mg/Kg	☼	10/05/25 17:26	10/07/25 00:58	1
Trichloroethene	0.0013	U	0.0013	0.00040	mg/Kg	☼	10/05/25 17:26	10/07/25 00:58	1
Trichlorofluoromethane	0.0013	U	0.0013	0.00051	mg/Kg	☼	10/05/25 17:26	10/07/25 00:58	1
Vinyl chloride	0.0013	U	0.0013	0.00069	mg/Kg	☼	10/05/25 17:26	10/07/25 00:58	1
Xylenes, Total	0.0025	U	0.0025	0.00022	mg/Kg	☼	10/05/25 17:26	10/07/25 00:58	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,2-Dichloroethane-d4 (Surr)	*100*		*65 - 138*	*10/05/25 17:26*	*10/07/25 00:58*	*1*
4-Bromofluorobenzene	*96*		*71 - 128*	*10/05/25 17:26*	*10/07/25 00:58*	*1*
Dibromofluoromethane (Surr)	*98*		*50 - 150*	*10/05/25 17:26*	*10/07/25 00:58*	*1*
Toluene-d8 (Surr)	*101*		*71 - 126*	*10/05/25 17:26*	*10/07/25 00:58*	*1*

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Percent Moisture (EPA Moisture)	**7.8**		1.0	1.0	%			10/05/25 17:30	1
Percent Solids (EPA Moisture)	**92.2**		1.0	1.0	%			10/05/25 17:30	1

Client: Haley & Aldrich, Inc.
Project/Site: Former Port Mobil

Job ID: 460-336212-1

Client Sample ID: 8B1_1-2
Date Collected: 10/01/25 10:35
Date Received: 10/01/25 16:15

Lab Sample ID: 460-336212-38
Matrix: Solid
Percent Solids: 91.9

Method: SW846 8260D - Volatile Organic Compounds by GC/MS

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1-Trichloroethane	0.0013	U	0.0013	0.00029	mg/Kg	☼	10/05/25 17:26	10/06/25 16:51	1
1,1,2,2-Tetrachloroethane	0.0013	U	0.0013	0.00065	mg/Kg	☼	10/05/25 17:26	10/06/25 16:51	1
1,1,2-Trichloro-1,2,2-trifluoroethane	0.0013	U	0.0013	0.00038	mg/Kg	☼	10/05/25 17:26	10/06/25 16:51	1
1,1,2-Trichloroethane	0.0013	U	0.0013	0.00075	mg/Kg	☼	10/05/25 17:26	10/06/25 16:51	1
1,1-Dichloroethane	0.0013	U	0.0013	0.00075	mg/Kg	☼	10/05/25 17:26	10/06/25 16:51	1
1,1-Dichloroethene	0.0013	U	0.0013	0.00028	mg/Kg	☼	10/05/25 17:26	10/06/25 16:51	1
1,2,3-Trichlorobenzene	0.0013	U	0.0013	0.00093	mg/Kg	☼	10/05/25 17:26	10/06/25 16:51	1
1,2,4-Trichlorobenzene	0.0013	U	0.0013	0.00045	mg/Kg	☼	10/05/25 17:26	10/06/25 16:51	1
1,2,4-Trimethylbenzene	0.0013	U	0.0013	0.00031	mg/Kg	☼	10/05/25 17:26	10/06/25 16:51	1
1,2-Dibromo-3-Chloropropane	0.0013	U	0.0013	0.00058	mg/Kg	☼	10/05/25 17:26	10/06/25 16:51	1
1,2-Dichlorobenzene	0.0013	U	0.0013	0.00045	mg/Kg	☼	10/05/25 17:26	10/06/25 16:51	1
1,2-Dichloroethane	0.0013	U	0.0013	0.00037	mg/Kg	☼	10/05/25 17:26	10/06/25 16:51	1
1,2-Dichloropropane	0.0013	U	0.0013	0.00053	mg/Kg	☼	10/05/25 17:26	10/06/25 16:51	1
1,3,5-Trimethylbenzene	0.0013	U	0.0013	0.00039	mg/Kg	☼	10/05/25 17:26	10/06/25 16:51	1
1,3-Dichlorobenzene	0.0013	U	0.0013	0.00046	mg/Kg	☼	10/05/25 17:26	10/06/25 16:51	1
1,4-Dichlorobenzene	0.0013	U	0.0013	0.00065	mg/Kg	☼	10/05/25 17:26	10/06/25 16:51	1
2-Butanone (MEK)	0.0063	U	0.0063	0.00046	mg/Kg	☼	10/05/25 17:26	10/06/25 16:51	1
2-Hexanone	0.0063	U	0.0063	0.0021	mg/Kg	☼	10/05/25 17:26	10/06/25 16:51	1
4-Methyl-2-pentanone (MIBK)	0.0063	U	0.0063	0.0020	mg/Kg	☼	10/05/25 17:26	10/06/25 16:51	1
Acetone	0.0075	U	0.0075	0.0072	mg/Kg	☼	10/05/25 17:26	10/06/25 16:51	1
Benzene	0.0013	U	0.0013	0.00071	mg/Kg	☼	10/05/25 17:26	10/06/25 16:51	1
Bromoform	0.0013	U	0.0013	0.00053	mg/Kg	☼	10/05/25 17:26	10/06/25 16:51	1
Bromomethane	0.0025	U	0.0025	0.0013	mg/Kg	☼	10/05/25 17:26	10/06/25 16:51	1
Carbon disulfide	0.0013	U	0.0013	0.00033	mg/Kg	☼	10/05/25 17:26	10/06/25 16:51	1
Carbon tetrachloride	0.0013	U	0.0013	0.00049	mg/Kg	☼	10/05/25 17:26	10/06/25 16:51	1
Chlorobenzene	0.0013	U	0.0013	0.00064	mg/Kg	☼	10/05/25 17:26	10/06/25 16:51	1
Chlorobromomethane	0.0013	U	0.0013	0.00075	mg/Kg	☼	10/05/25 17:26	10/06/25 16:51	1
Chlorodibromomethane	0.0013	U	0.0013	0.00067	mg/Kg	☼	10/05/25 17:26	10/06/25 16:51	1
Chloroethane	0.0013	U	0.0013	0.00065	mg/Kg	☼	10/05/25 17:26	10/06/25 16:51	1
Chloroform	0.0013	U	0.0013	0.0012	mg/Kg	☼	10/05/25 17:26	10/06/25 16:51	1
Chloromethane	0.0013	U	0.0013	0.00055	mg/Kg	☼	10/05/25 17:26	10/06/25 16:51	1
cis-1,2-Dichloroethene	0.0013	U	0.0013	0.00045	mg/Kg	☼	10/05/25 17:26	10/06/25 16:51	1
cis-1,3-Dichloropropene	0.0013	U	0.0013	0.00034	mg/Kg	☼	10/05/25 17:26	10/06/25 16:51	1
Cyclohexane	0.0013	U	0.0013	0.00028	mg/Kg	☼	10/05/25 17:26	10/06/25 16:51	1
Dichlorobromomethane	0.0013	U	0.0013	0.00032	mg/Kg	☼	10/05/25 17:26	10/06/25 16:51	1
Dichlorodifluoromethane	0.0013	U	0.0013	0.00042	mg/Kg	☼	10/05/25 17:26	10/06/25 16:51	1
Ethylbenzene	0.0013	U	0.0013	0.00059	mg/Kg	☼	10/05/25 17:26	10/06/25 16:51	1
Ethylene Dibromide	0.0013	U	0.0013	0.00063	mg/Kg	☼	10/05/25 17:26	10/06/25 16:51	1
Isopropylbenzene	0.0013	U	0.0013	0.00036	mg/Kg	☼	10/05/25 17:26	10/06/25 16:51	1
Methyl acetate	0.0063	U	0.0063	0.0054	mg/Kg	☼	10/05/25 17:26	10/06/25 16:51	1
Methyl tert-butyl ether	0.0013	U	0.0013	0.00064	mg/Kg	☼	10/05/25 17:26	10/06/25 16:51	1
Methylcyclohexane	0.0013	U	0.0013	0.00063	mg/Kg	☼	10/05/25 17:26	10/06/25 16:51	1
Methylene Chloride	**0.0061**		0.0025	0.0014	mg/Kg	☼	10/05/25 17:26	10/06/25 16:51	1
m-Xylene & p-Xylene	0.0013	U	0.0013	0.00053	mg/Kg	☼	10/05/25 17:26	10/06/25 16:51	1
n-Butylbenzene	0.0013	U	0.0013	0.00037	mg/Kg	☼	10/05/25 17:26	10/06/25 16:51	1
N-Propylbenzene	0.0013	U	0.0013	0.00056	mg/Kg	☼	10/05/25 17:26	10/06/25 16:51	1
o-Xylene	0.0013	U	0.0013	0.00058	mg/Kg	☼	10/05/25 17:26	10/06/25 16:51	1
sec-Butylbenzene	0.0013	U	0.0013	0.00036	mg/Kg	☼	10/05/25 17:26	10/06/25 16:51	1
Styrene	0.0013	U	0.0013	0.00035	mg/Kg	☼	10/05/25 17:26	10/06/25 16:51	1

Client Sample ID: 8B1_1-2

Lab Sample ID: 460-336212-38

Date Collected: 10/01/25 10:35
Matrix: Solid
Date Received: 10/01/25 16:15
Percent Solids: 91.9

Method: SW846 8260D - Volatile Organic Compounds by GC/MS (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
tert-Butylbenzene	0.0013	U	0.0013	0.00035	mg/Kg	☼	10/05/25 17:26	10/06/25 16:51	1
Tetrachloroethene	0.0013	U	0.0013	0.00038	mg/Kg	☼	10/05/25 17:26	10/06/25 16:51	1
Toluene	0.0013	U	0.0013	0.00029	mg/Kg	☼	10/05/25 17:26	10/06/25 16:51	1
trans-1,2-Dichloroethene	0.0013	U	0.0013	0.00031	mg/Kg	☼	10/05/25 17:26	10/06/25 16:51	1
trans-1,3-Dichloropropene	0.0013	U	0.0013	0.00033	mg/Kg	☼	10/05/25 17:26	10/06/25 16:51	1
Trichloroethene	0.0013	U	0.0013	0.00040	mg/Kg	☼	10/05/25 17:26	10/06/25 16:51	1
Trichlorofluoromethane	0.0013	U	0.0013	0.00051	mg/Kg	☼	10/05/25 17:26	10/06/25 16:51	1
Vinyl chloride	0.0013	U	0.0013	0.00068	mg/Kg	☼	10/05/25 17:26	10/06/25 16:51	1
Xylenes, Total	0.0025	U	0.0025	0.00022	mg/Kg	☼	10/05/25 17:26	10/06/25 16:51	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,2-Dichloroethane-d4 (Surr)	*101*		*65 - 138*	*10/05/25 17:26*	*10/06/25 16:51*	*1*
4-Bromofluorobenzene	*98*		*71 - 128*	*10/05/25 17:26*	*10/06/25 16:51*	*1*
Dibromofluoromethane (Surr)	*98*		*50 - 150*	*10/05/25 17:26*	*10/06/25 16:51*	*1*
Toluene-d8 (Surr)	*102*		*71 - 126*	*10/05/25 17:26*	*10/06/25 16:51*	*1*

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Percent Moisture (EPA Moisture)	**8.1**		1.0	1.0	%			10/05/25 17:30	1
Percent Solids (EPA Moisture)	**91.9**		1.0	1.0	%			10/05/25 17:30	1

Client Sample ID: 8B2_2-3

Lab Sample ID: 460-336212-39

Date Collected: 10/01/25 10:40
Matrix: Solid
Date Received: 10/01/25 16:15
Percent Solids: 90.7

Method: SW846 8260D - Volatile Organic Compounds by GC/MS

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1-Trichloroethane	0.0014	U	0.0014	0.00033	mg/Kg	☼	10/05/25 17:26	10/06/25 16:27	1
1,1,2,2-Tetrachloroethane	0.0014	U	0.0014	0.00074	mg/Kg	☼	10/05/25 17:26	10/06/25 16:27	1
1,1,2-Trichloro-1,2,2-trifluoroethane	0.0014	U	0.0014	0.00043	mg/Kg	☼	10/05/25 17:26	10/06/25 16:27	1
1,1,2-Trichloroethane	0.0014	U	0.0014	0.00085	mg/Kg	☼	10/05/25 17:26	10/06/25 16:27	1
1,1-Dichloroethane	0.0014	U	0.0014	0.00085	mg/Kg	☼	10/05/25 17:26	10/06/25 16:27	1
1,1-Dichloroethene	0.0014	U	0.0014	0.00032	mg/Kg	☼	10/05/25 17:26	10/06/25 16:27	1
1,2,3-Trichlorobenzene	0.0014	U	0.0014	0.0010	mg/Kg	☼	10/05/25 17:26	10/06/25 16:27	1
1,2,4-Trichlorobenzene	0.0014	U	0.0014	0.00051	mg/Kg	☼	10/05/25 17:26	10/06/25 16:27	1
1,2,4-Trimethylbenzene	0.0014	U	0.0014	0.00035	mg/Kg	☼	10/05/25 17:26	10/06/25 16:27	1
1,2-Dibromo-3-Chloropropane	0.0014	U	0.0014	0.00065	mg/Kg	☼	10/05/25 17:26	10/06/25 16:27	1
1,2-Dichlorobenzene	0.0014	U	0.0014	0.00051	mg/Kg	☼	10/05/25 17:26	10/06/25 16:27	1
1,2-Dichloroethane	0.0014	U	0.0014	0.00042	mg/Kg	☼	10/05/25 17:26	10/06/25 16:27	1
1,2-Dichloropropane	0.0014	U	0.0014	0.00060	mg/Kg	☼	10/05/25 17:26	10/06/25 16:27	1
1,3,5-Trimethylbenzene	0.0014	U	0.0014	0.00045	mg/Kg	☼	10/05/25 17:26	10/06/25 16:27	1
1,3-Dichlorobenzene	0.0014	U	0.0014	0.00052	mg/Kg	☼	10/05/25 17:26	10/06/25 16:27	1
1,4-Dichlorobenzene	0.0014	U	0.0014	0.00074	mg/Kg	☼	10/05/25 17:26	10/06/25 16:27	1
2-Butanone (MEK)	0.0071	U	0.0071	0.00052	mg/Kg	☼	10/05/25 17:26	10/06/25 16:27	1
2-Hexanone	0.0071	U	0.0071	0.0024	mg/Kg	☼	10/05/25 17:26	10/06/25 16:27	1
4-Methyl-2-pentanone (MIBK)	0.0071	U	0.0071	0.0022	mg/Kg	☼	10/05/25 17:26	10/06/25 16:27	1
Acetone	0.0085	U	0.0085	0.0081	mg/Kg	☼	10/05/25 17:26	10/06/25 16:27	1
Benzene	0.0014	U	0.0014	0.00080	mg/Kg	☼	10/05/25 17:26	10/06/25 16:27	1
Bromoform	0.0014	U	0.0014	0.00060	mg/Kg	☼	10/05/25 17:26	10/06/25 16:27	1
Bromomethane	0.0028	U	0.0028	0.0014	mg/Kg	☼	10/05/25 17:26	10/06/25 16:27	1

Client: Haley & Aldrich, Inc.
Project/Site: Former Port Mobil

Job ID: 460-336212-1

Client Sample ID: 8B2_2-3
Date Collected: 10/01/25 10:40
Date Received: 10/01/25 16:15

Lab Sample ID: 460-336212-39
Matrix: Solid
Percent Solids: 90.7

Method: SW846 8260D - Volatile Organic Compounds by GC/MS (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Carbon disulfide	0.0014	U	0.0014	0.00038	mg/Kg	☼	10/05/25 17:26	10/06/25 16:27	1
Carbon tetrachloride	0.0014	U	0.0014	0.00055	mg/Kg	☼	10/05/25 17:26	10/06/25 16:27	1
Chlorobenzene	0.0014	U	0.0014	0.00072	mg/Kg	☼	10/05/25 17:26	10/06/25 16:27	1
Chlorobromomethane	0.0014	U	0.0014	0.00085	mg/Kg	☼	10/05/25 17:26	10/06/25 16:27	1
Chlorodibromomethane	0.0014	U	0.0014	0.00076	mg/Kg	☼	10/05/25 17:26	10/06/25 16:27	1
Chloroethane	0.0014	U	0.0014	0.00074	mg/Kg	☼	10/05/25 17:26	10/06/25 16:27	1
Chloroform	0.0014	U	0.0014	0.0014	mg/Kg	☼	10/05/25 17:26	10/06/25 16:27	1
Chloromethane	0.0014	U	0.0014	0.00062	mg/Kg	☼	10/05/25 17:26	10/06/25 16:27	1
cis-1,2-Dichloroethene	0.0014	U	0.0014	0.00051	mg/Kg	☼	10/05/25 17:26	10/06/25 16:27	1
cis-1,3-Dichloropropene	0.0014	U	0.0014	0.00039	mg/Kg	☼	10/05/25 17:26	10/06/25 16:27	1
Cyclohexane	0.0014	U	0.0014	0.00031	mg/Kg	☼	10/05/25 17:26	10/06/25 16:27	1
Dichlorobromomethane	0.0014	U	0.0014	0.00036	mg/Kg	☼	10/05/25 17:26	10/06/25 16:27	1
Dichlorodifluoromethane	0.0014	U	0.0014	0.00048	mg/Kg	☼	10/05/25 17:26	10/06/25 16:27	1
Ethylbenzene	0.0014	U	0.0014	0.00066	mg/Kg	☼	10/05/25 17:26	10/06/25 16:27	1
Ethylene Dibromide	0.0014	U	0.0014	0.00071	mg/Kg	☼	10/05/25 17:26	10/06/25 16:27	1
Isopropylbenzene	0.0014	U	0.0014	0.00040	mg/Kg	☼	10/05/25 17:26	10/06/25 16:27	1
Methyl acetate	0.0071	U	0.0071	0.0061	mg/Kg	☼	10/05/25 17:26	10/06/25 16:27	1
Methyl tert-butyl ether	0.0014	U	0.0014	0.00073	mg/Kg	☼	10/05/25 17:26	10/06/25 16:27	1
Methylcyclohexane	0.0014	U	0.0014	0.00071	mg/Kg	☼	10/05/25 17:26	10/06/25 16:27	1
Methylene Chloride	0.0028	U	0.0028	0.0016	mg/Kg	☼	10/05/25 17:26	10/06/25 16:27	1
m-Xylene & p-Xylene	0.0014	U	0.0014	0.00060	mg/Kg	☼	10/05/25 17:26	10/06/25 16:27	1
n-Butylbenzene	0.0014	U	0.0014	0.00042	mg/Kg	☼	10/05/25 17:26	10/06/25 16:27	1
N-Propylbenzene	0.0014	U	0.0014	0.00064	mg/Kg	☼	10/05/25 17:26	10/06/25 16:27	1
o-Xylene	0.0014	U	0.0014	0.00065	mg/Kg	☼	10/05/25 17:26	10/06/25 16:27	1
sec-Butylbenzene	0.0014	U	0.0014	0.00041	mg/Kg	☼	10/05/25 17:26	10/06/25 16:27	1
Styrene	0.0014	U	0.0014	0.00039	mg/Kg	☼	10/05/25 17:26	10/06/25 16:27	1
tert-Butylbenzene	0.0014	U	0.0014	0.00039	mg/Kg	☼	10/05/25 17:26	10/06/25 16:27	1
Tetrachloroethene	0.0014	U	0.0014	0.00043	mg/Kg	☼	10/05/25 17:26	10/06/25 16:27	1
Toluene	0.0014	U	0.0014	0.00033	mg/Kg	☼	10/05/25 17:26	10/06/25 16:27	1
trans-1,2-Dichloroethene	0.0014	U	0.0014	0.00035	mg/Kg	☼	10/05/25 17:26	10/06/25 16:27	1
trans-1,3-Dichloropropene	0.0014	U	0.0014	0.00038	mg/Kg	☼	10/05/25 17:26	10/06/25 16:27	1
Trichloroethene	0.0014	U	0.0014	0.00046	mg/Kg	☼	10/05/25 17:26	10/06/25 16:27	1
Trichlorofluoromethane	0.0014	U	0.0014	0.00058	mg/Kg	☼	10/05/25 17:26	10/06/25 16:27	1
Vinyl chloride	0.0014	U	0.0014	0.00077	mg/Kg	☼	10/05/25 17:26	10/06/25 16:27	1
Xylenes, Total	0.0028	U	0.0028	0.00025	mg/Kg	☼	10/05/25 17:26	10/06/25 16:27	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,2-Dichloroethane-d4 (Surr)	*101*		*65 - 138*	*10/05/25 17:26*	*10/06/25 16:27*	*1*
4-Bromofluorobenzene	*96*		*71 - 128*	*10/05/25 17:26*	*10/06/25 16:27*	*1*
Dibromofluoromethane (Surr)	*99*		*50 - 150*	*10/05/25 17:26*	*10/06/25 16:27*	*1*
Toluene-d8 (Surr)	*101*		*71 - 126*	*10/05/25 17:26*	*10/06/25 16:27*	*1*

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Percent Moisture (EPA Moisture)	9.3		1.0	1.0	%			10/05/25 17:30	1
Percent Solids (EPA Moisture)	90.7		1.0	1.0	%			10/05/25 17:30	1

Client Sample ID: 8B3_4-5
Date Collected: 10/01/25 10:45
Date Received: 10/01/25 16:15

Lab Sample ID: 460-336212-40
Matrix: Solid
Percent Solids: 90.1

Method: SW846 8260D - Volatile Organic Compounds by GC/MS

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1-Trichloroethane	0.0011	U	0.0011	0.00025	mg/Kg	☼	10/05/25 17:27	10/07/25 01:22	1
1,1,2,2-Tetrachloroethane	0.0011	U	0.0011	0.00056	mg/Kg	☼	10/05/25 17:27	10/07/25 01:22	1
1,1,2-Trichloro-1,2,2-trifluoroethane	0.0011	U	0.0011	0.00033	mg/Kg	☼	10/05/25 17:27	10/07/25 01:22	1
1,1,2-Trichloroethane	0.0011	U	0.0011	0.00065	mg/Kg	☼	10/05/25 17:27	10/07/25 01:22	1
1,1-Dichloroethane	0.0011	U	0.0011	0.00065	mg/Kg	☼	10/05/25 17:27	10/07/25 01:22	1
1,1-Dichloroethene	0.0011	U	0.0011	0.00024	mg/Kg	☼	10/05/25 17:27	10/07/25 01:22	1
1,2,3-Trichlorobenzene	0.0011	U	0.0011	0.00080	mg/Kg	☼	10/05/25 17:27	10/07/25 01:22	1
1,2,4-Trichlorobenzene	0.0011	U	0.0011	0.00039	mg/Kg	☼	10/05/25 17:27	10/07/25 01:22	1
1,2,4-Trimethylbenzene	0.0011	U	0.0011	0.00027	mg/Kg	☼	10/05/25 17:27	10/07/25 01:22	1
1,2-Dibromo-3-Chloropropane	0.0011	U	0.0011	0.00050	mg/Kg	☼	10/05/25 17:27	10/07/25 01:22	1
1,2-Dichlorobenzene	0.0011	U	0.0011	0.00039	mg/Kg	☼	10/05/25 17:27	10/07/25 01:22	1
1,2-Dichloroethane	0.0011	U	0.0011	0.00032	mg/Kg	☼	10/05/25 17:27	10/07/25 01:22	1
1,2-Dichloropropane	0.0011	U	0.0011	0.00046	mg/Kg	☼	10/05/25 17:27	10/07/25 01:22	1
1,3,5-Trimethylbenzene	0.0011	U	0.0011	0.00034	mg/Kg	☼	10/05/25 17:27	10/07/25 01:22	1
1,3-Dichlorobenzene	0.0011	U	0.0011	0.00039	mg/Kg	☼	10/05/25 17:27	10/07/25 01:22	1
1,4-Dichlorobenzene	0.0011	U	0.0011	0.00056	mg/Kg	☼	10/05/25 17:27	10/07/25 01:22	1
2-Butanone (MEK)	0.0054	U	0.0054	0.00040	mg/Kg	☼	10/05/25 17:27	10/07/25 01:22	1
2-Hexanone	0.0054	U	0.0054	0.0018	mg/Kg	☼	10/05/25 17:27	10/07/25 01:22	1
4-Methyl-2-pentanone (MIBK)	0.0054	U	0.0054	0.0017	mg/Kg	☼	10/05/25 17:27	10/07/25 01:22	1
Acetone	0.0065	U	0.0065	0.0062	mg/Kg	☼	10/05/25 17:27	10/07/25 01:22	1
Benzene	0.0011	U	0.0011	0.00061	mg/Kg	☼	10/05/25 17:27	10/07/25 01:22	1
Bromoform	0.0011	U	0.0011	0.00046	mg/Kg	☼	10/05/25 17:27	10/07/25 01:22	1
Bromomethane	0.0022	U	0.0022	0.0011	mg/Kg	☼	10/05/25 17:27	10/07/25 01:22	1
Carbon disulfide	0.0011	U	0.0011	0.00029	mg/Kg	☼	10/05/25 17:27	10/07/25 01:22	1
Carbon tetrachloride	0.0011	U	0.0011	0.00042	mg/Kg	☼	10/05/25 17:27	10/07/25 01:22	1
Chlorobenzene	0.0011	U	0.0011	0.00055	mg/Kg	☼	10/05/25 17:27	10/07/25 01:22	1
Chlorobromomethane	0.0011	U	0.0011	0.00064	mg/Kg	☼	10/05/25 17:27	10/07/25 01:22	1
Chlorodibromomethane	0.0011	U	0.0011	0.00058	mg/Kg	☼	10/05/25 17:27	10/07/25 01:22	1
Chloroethane	0.0011	U	0.0011	0.00056	mg/Kg	☼	10/05/25 17:27	10/07/25 01:22	1
Chloroform	0.0011	U	0.0011	0.0010	mg/Kg	☼	10/05/25 17:27	10/07/25 01:22	1
Chloromethane	0.0011	U	0.0011	0.00047	mg/Kg	☼	10/05/25 17:27	10/07/25 01:22	1
cis-1,2-Dichloroethene	0.0011	U	0.0011	0.00039	mg/Kg	☼	10/05/25 17:27	10/07/25 01:22	1
cis-1,3-Dichloropropene	0.0011	U	0.0011	0.00030	mg/Kg	☼	10/05/25 17:27	10/07/25 01:22	1
Cyclohexane	0.0011	U	0.0011	0.00024	mg/Kg	☼	10/05/25 17:27	10/07/25 01:22	1
Dichlorobromomethane	0.0011	U	0.0011	0.00028	mg/Kg	☼	10/05/25 17:27	10/07/25 01:22	1
Dichlorodifluoromethane	0.0011	U *	0.0011	0.00037	mg/Kg	☼	10/05/25 17:27	10/07/25 01:22	1
Ethylbenzene	0.0011	U	0.0011	0.00051	mg/Kg	☼	10/05/25 17:27	10/07/25 01:22	1
Ethylene Dibromide	0.0011	U	0.0011	0.00054	mg/Kg	☼	10/05/25 17:27	10/07/25 01:22	1
Isopropylbenzene	0.0011	U	0.0011	0.00031	mg/Kg	☼	10/05/25 17:27	10/07/25 01:22	1
Methyl acetate	0.0054	U	0.0054	0.0046	mg/Kg	☼	10/05/25 17:27	10/07/25 01:22	1
Methyl tert-butyl ether	0.0011	U	0.0011	0.00055	mg/Kg	☼	10/05/25 17:27	10/07/25 01:22	1
Methylcyclohexane	0.0011	U	0.0011	0.00054	mg/Kg	☼	10/05/25 17:27	10/07/25 01:22	1
Methylene Chloride	**0.0041**		0.0022	0.0012	mg/Kg	☼	10/05/25 17:27	10/07/25 01:22	1
m-Xylene & p-Xylene	0.0011	U	0.0011	0.00046	mg/Kg	☼	10/05/25 17:27	10/07/25 01:22	1
n-Butylbenzene	0.0011	U	0.0011	0.00032	mg/Kg	☼	10/05/25 17:27	10/07/25 01:22	1
N-Propylbenzene	0.0011	U	0.0011	0.00049	mg/Kg	☼	10/05/25 17:27	10/07/25 01:22	1
o-Xylene	0.0011	U	0.0011	0.00050	mg/Kg	☼	10/05/25 17:27	10/07/25 01:22	1
sec-Butylbenzene	0.0011	U	0.0011	0.00031	mg/Kg	☼	10/05/25 17:27	10/07/25 01:22	1
Styrene	0.0011	U	0.0011	0.00030	mg/Kg	☼	10/05/25 17:27	10/07/25 01:22	1

Client Sample ID: 8B3_4-5

Lab Sample ID: 460-336212-40

Date Collected: 10/01/25 10:45
Matrix: Solid
Date Received: 10/01/25 16:15
Percent Solids: 90.1

Method: SW846 8260D - Volatile Organic Compounds by GC/MS (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
tert-Butylbenzene	0.0011	U	0.0011	0.00030	mg/Kg	☼	10/05/25 17:27	10/07/25 01:22	1
Tetrachloroethene	0.0011	U	0.0011	0.00033	mg/Kg	☼	10/05/25 17:27	10/07/25 01:22	1
Toluene	0.0011	U	0.0011	0.00025	mg/Kg	☼	10/05/25 17:27	10/07/25 01:22	1
trans-1,2-Dichloroethene	0.0011	U	0.0011	0.00027	mg/Kg	☼	10/05/25 17:27	10/07/25 01:22	1
trans-1,3-Dichloropropene	0.0011	U	0.0011	0.00029	mg/Kg	☼	10/05/25 17:27	10/07/25 01:22	1
Trichloroethene	0.0011	U	0.0011	0.00035	mg/Kg	☼	10/05/25 17:27	10/07/25 01:22	1
Trichlorofluoromethane	0.0011	U	0.0011	0.00044	mg/Kg	☼	10/05/25 17:27	10/07/25 01:22	1
Vinyl chloride	0.0011	U	0.0011	0.00059	mg/Kg	☼	10/05/25 17:27	10/07/25 01:22	1
Xylenes, Total	0.0022	U	0.0022	0.00019	mg/Kg	☼	10/05/25 17:27	10/07/25 01:22	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,2-Dichloroethane-d4 (Surr)	*100*		*65 - 138*	*10/05/25 17:27*	*10/07/25 01:22*	*1*
4-Bromofluorobenzene	*94*		*71 - 128*	*10/05/25 17:27*	*10/07/25 01:22*	*1*
Dibromofluoromethane (Surr)	*99*		*50 - 150*	*10/05/25 17:27*	*10/07/25 01:22*	*1*
Toluene-d8 (Surr)	*101*		*71 - 126*	*10/05/25 17:27*	*10/07/25 01:22*	*1*

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Percent Moisture (EPA Moisture)	**9.9**		1.0	1.0	%			10/05/25 17:30	1
Percent Solids (EPA Moisture)	**90.1**		1.0	1.0	%			10/05/25 17:30	1

Client Sample ID: 8B1_5-6

Lab Sample ID: 460-336212-41

Date Collected: 10/01/25 10:50
Matrix: Solid
Date Received: 10/01/25 16:15
Percent Solids: 93.3

Method: SW846 8260D - Volatile Organic Compounds by GC/MS

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1-Trichloroethane	0.0014	U	0.0014	0.00032	mg/Kg	☼	10/05/25 17:27	10/06/25 17:39	1
1,1,2,2-Tetrachloroethane	0.0014	U	0.0014	0.00071	mg/Kg	☼	10/05/25 17:27	10/06/25 17:39	1
1,1,2-Trichloro-1,2,2-trifluoroethane	0.0014	U	0.0014	0.00041	mg/Kg	☼	10/05/25 17:27	10/06/25 17:39	1
1,1,2-Trichloroethane	0.0014	U	0.0014	0.00081	mg/Kg	☼	10/05/25 17:27	10/06/25 17:39	1
1,1-Dichloroethane	0.0014	U	0.0014	0.00081	mg/Kg	☼	10/05/25 17:27	10/06/25 17:39	1
1,1-Dichloroethene	0.0014	U	0.0014	0.00031	mg/Kg	☼	10/05/25 17:27	10/06/25 17:39	1
1,2,3-Trichlorobenzene	0.0014	U	0.0014	0.0010	mg/Kg	☼	10/05/25 17:27	10/06/25 17:39	1
1,2,4-Trichlorobenzene	0.0014	U	0.0014	0.00049	mg/Kg	☼	10/05/25 17:27	10/06/25 17:39	1
1,2,4-Trimethylbenzene	0.0014	U	0.0014	0.00033	mg/Kg	☼	10/05/25 17:27	10/06/25 17:39	1
1,2-Dibromo-3-Chloropropane	0.0014	U	0.0014	0.00062	mg/Kg	☼	10/05/25 17:27	10/06/25 17:39	1
1,2-Dichlorobenzene	0.0014	U	0.0014	0.00049	mg/Kg	☼	10/05/25 17:27	10/06/25 17:39	1
1,2-Dichloroethane	0.0014	U	0.0014	0.00040	mg/Kg	☼	10/05/25 17:27	10/06/25 17:39	1
1,2-Dichloropropane	0.0014	U	0.0014	0.00057	mg/Kg	☼	10/05/25 17:27	10/06/25 17:39	1
1,3,5-Trimethylbenzene	0.0014	U	0.0014	0.00043	mg/Kg	☼	10/05/25 17:27	10/06/25 17:39	1
1,3-Dichlorobenzene	0.0014	U	0.0014	0.00049	mg/Kg	☼	10/05/25 17:27	10/06/25 17:39	1
1,4-Dichlorobenzene	0.0014	U	0.0014	0.00070	mg/Kg	☼	10/05/25 17:27	10/06/25 17:39	1
2-Butanone (MEK)	0.0068	U	0.0068	0.00050	mg/Kg	☼	10/05/25 17:27	10/06/25 17:39	1
2-Hexanone	0.0068	U	0.0068	0.0023	mg/Kg	☼	10/05/25 17:27	10/06/25 17:39	1
4-Methyl-2-pentanone (MIBK)	0.0068	U	0.0068	0.0021	mg/Kg	☼	10/05/25 17:27	10/06/25 17:39	1
Acetone	0.0081	U	0.0081	0.0078	mg/Kg	☼	10/05/25 17:27	10/06/25 17:39	1
Benzene	0.0014	U	0.0014	0.00077	mg/Kg	☼	10/05/25 17:27	10/06/25 17:39	1
Bromoform	0.0014	U	0.0014	0.00058	mg/Kg	☼	10/05/25 17:27	10/06/25 17:39	1
Bromomethane	0.0027	U	0.0027	0.0014	mg/Kg	☼	10/05/25 17:27	10/06/25 17:39	1

Client Sample ID: 8B1_5-6
Date Collected: 10/01/25 10:50
Date Received: 10/01/25 16:15

Lab Sample ID: 460-336212-41
Matrix: Solid
Percent Solids: 93.3

Method: SW846 8260D - Volatile Organic Compounds by GC/MS (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Carbon disulfide	0.0014	U	0.0014	0.00036	mg/Kg	☼	10/05/25 17:27	10/06/25 17:39	1
Carbon tetrachloride	0.0014	U	0.0014	0.00052	mg/Kg	☼	10/05/25 17:27	10/06/25 17:39	1
Chlorobenzene	0.0014	U	0.0014	0.00069	mg/Kg	☼	10/05/25 17:27	10/06/25 17:39	1
Chlorobromomethane	0.0014	U	0.0014	0.00081	mg/Kg	☼	10/05/25 17:27	10/06/25 17:39	1
Chlorodibromomethane	0.0014	U	0.0014	0.00073	mg/Kg	☼	10/05/25 17:27	10/06/25 17:39	1
Chloroethane	0.0014	U	0.0014	0.00071	mg/Kg	☼	10/05/25 17:27	10/06/25 17:39	1
Chloroform	0.0014	U	0.0014	0.0013	mg/Kg	☼	10/05/25 17:27	10/06/25 17:39	1
Chloromethane	0.0014	U	0.0014	0.00059	mg/Kg	☼	10/05/25 17:27	10/06/25 17:39	1
cis-1,2-Dichloroethene	0.0014	U	0.0014	0.00049	mg/Kg	☼	10/05/25 17:27	10/06/25 17:39	1
cis-1,3-Dichloropropene	0.0014	U	0.0014	0.00037	mg/Kg	☼	10/05/25 17:27	10/06/25 17:39	1
Cyclohexane	0.0014	U	0.0014	0.00030	mg/Kg	☼	10/05/25 17:27	10/06/25 17:39	1
Dichlorobromomethane	0.0014	U	0.0014	0.00035	mg/Kg	☼	10/05/25 17:27	10/06/25 17:39	1
Dichlorodifluoromethane	0.0014	U	0.0014	0.00046	mg/Kg	☼	10/05/25 17:27	10/06/25 17:39	1
Ethylbenzene	0.0014	U	0.0014	0.00063	mg/Kg	☼	10/05/25 17:27	10/06/25 17:39	1
Ethylene Dibromide	0.0014	U	0.0014	0.00068	mg/Kg	☼	10/05/25 17:27	10/06/25 17:39	1
Isopropylbenzene	0.0014	U	0.0014	0.00039	mg/Kg	☼	10/05/25 17:27	10/06/25 17:39	1
Methyl acetate	0.0068	U	0.0068	0.0058	mg/Kg	☼	10/05/25 17:27	10/06/25 17:39	1
Methyl tert-butyl ether	0.0014	U	0.0014	0.00069	mg/Kg	☼	10/05/25 17:27	10/06/25 17:39	1
Methylcyclohexane	0.0014	U	0.0014	0.00068	mg/Kg	☼	10/05/25 17:27	10/06/25 17:39	1
Methylene Chloride	**0.0054**		0.0027	0.0016	mg/Kg	☼	10/05/25 17:27	10/06/25 17:39	1
m-Xylene & p-Xylene	0.0014	U	0.0014	0.00057	mg/Kg	☼	10/05/25 17:27	10/06/25 17:39	1
n-Butylbenzene	0.0014	U	0.0014	0.00040	mg/Kg	☼	10/05/25 17:27	10/06/25 17:39	1
N-Propylbenzene	0.0014	U	0.0014	0.00061	mg/Kg	☼	10/05/25 17:27	10/06/25 17:39	1
o-Xylene	0.0014	U	0.0014	0.00063	mg/Kg	☼	10/05/25 17:27	10/06/25 17:39	1
sec-Butylbenzene	0.0014	U	0.0014	0.00039	mg/Kg	☼	10/05/25 17:27	10/06/25 17:39	1
Styrene	0.0014	U	0.0014	0.00038	mg/Kg	☼	10/05/25 17:27	10/06/25 17:39	1
tert-Butylbenzene	0.0014	U	0.0014	0.00037	mg/Kg	☼	10/05/25 17:27	10/06/25 17:39	1
Tetrachloroethene	0.0014	U	0.0014	0.00041	mg/Kg	☼	10/05/25 17:27	10/06/25 17:39	1
Toluene	0.0014	U	0.0014	0.00032	mg/Kg	☼	10/05/25 17:27	10/06/25 17:39	1
trans-1,2-Dichloroethene	0.0014	U	0.0014	0.00033	mg/Kg	☼	10/05/25 17:27	10/06/25 17:39	1
trans-1,3-Dichloropropene	0.0014	U	0.0014	0.00036	mg/Kg	☼	10/05/25 17:27	10/06/25 17:39	1
Trichloroethene	0.0014	U	0.0014	0.00044	mg/Kg	☼	10/05/25 17:27	10/06/25 17:39	1
Trichlorofluoromethane	0.0014	U	0.0014	0.00055	mg/Kg	☼	10/05/25 17:27	10/06/25 17:39	1
Vinyl chloride	0.0014	U	0.0014	0.00074	mg/Kg	☼	10/05/25 17:27	10/06/25 17:39	1
Xylenes, Total	0.0027	U	0.0027	0.00024	mg/Kg	☼	10/05/25 17:27	10/06/25 17:39	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,2-Dichloroethane-d4 (Surr)	*100*		*65 - 138*	*10/05/25 17:27*	*10/06/25 17:39*	*1*
4-Bromofluorobenzene	*97*		*71 - 128*	*10/05/25 17:27*	*10/06/25 17:39*	*1*
Dibromofluoromethane (Surr)	*98*		*50 - 150*	*10/05/25 17:27*	*10/06/25 17:39*	*1*
Toluene-d8 (Surr)	*101*		*71 - 126*	*10/05/25 17:27*	*10/06/25 17:39*	*1*

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Percent Moisture (EPA Moisture)	**6.7**		1.0	1.0	%			10/05/25 17:30	1
Percent Solids (EPA Moisture)	**93.3**		1.0	1.0	%			10/05/25 17:30	1

Client: Haley & Aldrich, Inc.
Project/Site: Former Port Mobil

Job ID: 460-336212-1

Client Sample ID: 8B2_6-7
Date Collected: 10/01/25 10:55
Date Received: 10/01/25 16:15

Lab Sample ID: 460-336212-42
Matrix: Solid
Percent Solids: 91.2

Method: SW846 8260D - Volatile Organic Compounds by GC/MS

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1-Trichloroethane	0.00066	U	0.00066	0.00015	mg/Kg	☼	10/05/25 17:28	10/06/25 18:03	1
1,1,2,2-Tetrachloroethane	0.00066	U	0.00066	0.00034	mg/Kg	☼	10/05/25 17:28	10/06/25 18:03	1
1,1,2-Trichloro-1,2,2-trifluoroethane	0.00066	U	0.00066	0.00020	mg/Kg	☼	10/05/25 17:28	10/06/25 18:03	1
1,1,2-Trichloroethane	0.00066	U	0.00066	0.00039	mg/Kg	☼	10/05/25 17:28	10/06/25 18:03	1
1,1-Dichloroethane	0.00066	U	0.00066	0.00039	mg/Kg	☼	10/05/25 17:28	10/06/25 18:03	1
1,1-Dichloroethene	0.00066	U	0.00066	0.00015	mg/Kg	☼	10/05/25 17:28	10/06/25 18:03	1
1,2,3-Trichlorobenzene	0.00066	U	0.00066	0.00048	mg/Kg	☼	10/05/25 17:28	10/06/25 18:03	1
1,2,4-Trichlorobenzene	0.00066	U	0.00066	0.00023	mg/Kg	☼	10/05/25 17:28	10/06/25 18:03	1
1,2,4-Trimethylbenzene	0.00066	U	0.00066	0.00016	mg/Kg	☼	10/05/25 17:28	10/06/25 18:03	1
1,2-Dibromo-3-Chloropropane	0.00066	U	0.00066	0.00030	mg/Kg	☼	10/05/25 17:28	10/06/25 18:03	1
1,2-Dichlorobenzene	0.00066	U	0.00066	0.00024	mg/Kg	☼	10/05/25 17:28	10/06/25 18:03	1
1,2-Dichloroethane	0.00066	U	0.00066	0.00019	mg/Kg	☼	10/05/25 17:28	10/06/25 18:03	1
1,2-Dichloropropane	0.00066	U	0.00066	0.00028	mg/Kg	☼	10/05/25 17:28	10/06/25 18:03	1
1,3,5-Trimethylbenzene	0.00066	U	0.00066	0.00021	mg/Kg	☼	10/05/25 17:28	10/06/25 18:03	1
1,3-Dichlorobenzene	0.00066	U	0.00066	0.00024	mg/Kg	☼	10/05/25 17:28	10/06/25 18:03	1
1,4-Dichlorobenzene	0.00066	U	0.00066	0.00034	mg/Kg	☼	10/05/25 17:28	10/06/25 18:03	1
2-Butanone (MEK)	0.0033	U	0.0033	0.00024	mg/Kg	☼	10/05/25 17:28	10/06/25 18:03	1
2-Hexanone	0.0033	U	0.0033	0.0011	mg/Kg	☼	10/05/25 17:28	10/06/25 18:03	1
4-Methyl-2-pentanone (MIBK)	0.0033	U	0.0033	0.0010	mg/Kg	☼	10/05/25 17:28	10/06/25 18:03	1
Acetone	0.0039	U	0.0039	0.0037	mg/Kg	☼	10/05/25 17:28	10/06/25 18:03	1
Benzene	0.00066	U	0.00066	0.00037	mg/Kg	☼	10/05/25 17:28	10/06/25 18:03	1
Bromoform	0.00066	U	0.00066	0.00028	mg/Kg	☼	10/05/25 17:28	10/06/25 18:03	1
Bromomethane	0.0013	U	0.0013	0.00066	mg/Kg	☼	10/05/25 17:28	10/06/25 18:03	1
Carbon disulfide	0.00066	U	0.00066	0.00017	mg/Kg	☼	10/05/25 17:28	10/06/25 18:03	1
Carbon tetrachloride	0.00066	U	0.00066	0.00025	mg/Kg	☼	10/05/25 17:28	10/06/25 18:03	1
Chlorobenzene	0.00066	U	0.00066	0.00033	mg/Kg	☼	10/05/25 17:28	10/06/25 18:03	1
Chlorobromomethane	0.00066	U	0.00066	0.00039	mg/Kg	☼	10/05/25 17:28	10/06/25 18:03	1
Chlorodibromomethane	0.00066	U	0.00066	0.00035	mg/Kg	☼	10/05/25 17:28	10/06/25 18:03	1
Chloroethane	0.00066	U	0.00066	0.00034	mg/Kg	☼	10/05/25 17:28	10/06/25 18:03	1
Chloroform	0.00066	U	0.00066	0.00064	mg/Kg	☼	10/05/25 17:28	10/06/25 18:03	1
Chloromethane	0.00066	U	0.00066	0.00028	mg/Kg	☼	10/05/25 17:28	10/06/25 18:03	1
cis-1,2-Dichloroethene	0.00066	U	0.00066	0.00023	mg/Kg	☼	10/05/25 17:28	10/06/25 18:03	1
cis-1,3-Dichloropropene	0.00066	U	0.00066	0.00018	mg/Kg	☼	10/05/25 17:28	10/06/25 18:03	1
Cyclohexane	0.00066	U	0.00066	0.00014	mg/Kg	☼	10/05/25 17:28	10/06/25 18:03	1
Dichlorobromomethane	0.00066	U	0.00066	0.00017	mg/Kg	☼	10/05/25 17:28	10/06/25 18:03	1
Dichlorodifluoromethane	0.00066	U	0.00066	0.00022	mg/Kg	☼	10/05/25 17:28	10/06/25 18:03	1
Ethylbenzene	0.00066	U	0.00066	0.00031	mg/Kg	☼	10/05/25 17:28	10/06/25 18:03	1
Ethylene Dibromide	0.00066	U	0.00066	0.00033	mg/Kg	☼	10/05/25 17:28	10/06/25 18:03	1
Isopropylbenzene	0.00066	U	0.00066	0.00019	mg/Kg	☼	10/05/25 17:28	10/06/25 18:03	1
Methyl acetate	0.0033	U	0.0033	0.0028	mg/Kg	☼	10/05/25 17:28	10/06/25 18:03	1
Methyl tert-butyl ether	0.00066	U	0.00066	0.00034	mg/Kg	☼	10/05/25 17:28	10/06/25 18:03	1
Methylcyclohexane	0.00066	U	0.00066	0.00033	mg/Kg	☼	10/05/25 17:28	10/06/25 18:03	1
Methylene Chloride	0.0013	U	0.0013	0.00075	mg/Kg	☼	10/05/25 17:28	10/06/25 18:03	1
m-Xylene & p-Xylene	0.00066	U	0.00066	0.00028	mg/Kg	☼	10/05/25 17:28	10/06/25 18:03	1
n-Butylbenzene	0.00066	U	0.00066	0.00019	mg/Kg	☼	10/05/25 17:28	10/06/25 18:03	1
N-Propylbenzene	0.00066	U	0.00066	0.00029	mg/Kg	☼	10/05/25 17:28	10/06/25 18:03	1
o-Xylene	0.00066	U	0.00066	0.00030	mg/Kg	☼	10/05/25 17:28	10/06/25 18:03	1
sec-Butylbenzene	0.00066	U	0.00066	0.00019	mg/Kg	☼	10/05/25 17:28	10/06/25 18:03	1
Styrene	0.00066	U	0.00066	0.00018	mg/Kg	☼	10/05/25 17:28	10/06/25 18:03	1

Client Sample ID: 8B2_6-7

Lab Sample ID: 460-336212-42

Date Collected: 10/01/25 10:55
Matrix: Solid
Date Received: 10/01/25 16:15
Percent Solids: 91.2

Method: SW846 8260D - Volatile Organic Compounds by GC/MS (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
tert-Butylbenzene	0.00066	U	0.00066	0.00018	mg/Kg	☼	10/05/25 17:28	10/06/25 18:03	1
Tetrachloroethene	0.00066	U	0.00066	0.00020	mg/Kg	☼	10/05/25 17:28	10/06/25 18:03	1
Toluene	0.00066	U	0.00066	0.00015	mg/Kg	☼	10/05/25 17:28	10/06/25 18:03	1
trans-1,2-Dichloroethene	0.00066	U	0.00066	0.00016	mg/Kg	☼	10/05/25 17:28	10/06/25 18:03	1
trans-1,3-Dichloropropene	0.00066	U	0.00066	0.00017	mg/Kg	☼	10/05/25 17:28	10/06/25 18:03	1
Trichloroethene	0.00066	U	0.00066	0.00021	mg/Kg	☼	10/05/25 17:28	10/06/25 18:03	1
Trichlorofluoromethane	0.00066	U	0.00066	0.00027	mg/Kg	☼	10/05/25 17:28	10/06/25 18:03	1
Vinyl chloride	0.00066	U	0.00066	0.00036	mg/Kg	☼	10/05/25 17:28	10/06/25 18:03	1
Xylenes, Total	0.0013	U	0.0013	0.00011	mg/Kg	☼	10/05/25 17:28	10/06/25 18:03	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,2-Dichloroethane-d4 (Surr)	*101*		*65 - 138*	*10/05/25 17:28*	*10/06/25 18:03*	*1*
4-Bromofluorobenzene	*96*		*71 - 128*	*10/05/25 17:28*	*10/06/25 18:03*	*1*
Dibromofluoromethane (Surr)	*98*		*50 - 150*	*10/05/25 17:28*	*10/06/25 18:03*	*1*
Toluene-d8 (Surr)	*102*		*71 - 126*	*10/05/25 17:28*	*10/06/25 18:03*	*1*

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Percent Moisture (EPA Moisture)	**8.8**		1.0	1.0	%			10/05/25 17:30	1
Percent Solids (EPA Moisture)	**91.2**		1.0	1.0	%			10/05/25 17:30	1

Client Sample ID: 8B3_8-9

Lab Sample ID: 460-336212-43

Date Collected: 10/01/25 11:00
Matrix: Solid
Date Received: 10/01/25 16:15
Percent Solids: 89.6

Method: SW846 8260D - Volatile Organic Compounds by GC/MS

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1-Trichloroethane	0.00095	U	0.00095	0.00022	mg/Kg	☼	10/05/25 17:28	10/06/25 18:28	1
1,1,2,2-Tetrachloroethane	0.00095	U	0.00095	0.00050	mg/Kg	☼	10/05/25 17:28	10/06/25 18:28	1
1,1,2-Trichloro-1,2,2-trifluoroethane	0.00095	U	0.00095	0.00029	mg/Kg	☼	10/05/25 17:28	10/06/25 18:28	1
1,1,2-Trichloroethane	0.00095	U	0.00095	0.00057	mg/Kg	☼	10/05/25 17:28	10/06/25 18:28	1
1,1-Dichloroethane	0.00095	U	0.00095	0.00057	mg/Kg	☼	10/05/25 17:28	10/06/25 18:28	1
1,1-Dichloroethene	0.00095	U	0.00095	0.00021	mg/Kg	☼	10/05/25 17:28	10/06/25 18:28	1
1,2,3-Trichlorobenzene	0.00095	U	0.00095	0.00070	mg/Kg	☼	10/05/25 17:28	10/06/25 18:28	1
1,2,4-Trichlorobenzene	0.00095	U	0.00095	0.00034	mg/Kg	☼	10/05/25 17:28	10/06/25 18:28	1
1,2,4-Trimethylbenzene	0.00095	U	0.00095	0.00023	mg/Kg	☼	10/05/25 17:28	10/06/25 18:28	1
1,2-Dibromo-3-Chloropropane	0.00095	U	0.00095	0.00044	mg/Kg	☼	10/05/25 17:28	10/06/25 18:28	1
1,2-Dichlorobenzene	0.00095	U	0.00095	0.00034	mg/Kg	☼	10/05/25 17:28	10/06/25 18:28	1
1,2-Dichloroethane	0.00095	U	0.00095	0.00028	mg/Kg	☼	10/05/25 17:28	10/06/25 18:28	1
1,2-Dichloropropane	0.00095	U	0.00095	0.00040	mg/Kg	☼	10/05/25 17:28	10/06/25 18:28	1
1,3,5-Trimethylbenzene	0.00095	U	0.00095	0.00030	mg/Kg	☼	10/05/25 17:28	10/06/25 18:28	1
1,3-Dichlorobenzene	0.00095	U	0.00095	0.00035	mg/Kg	☼	10/05/25 17:28	10/06/25 18:28	1
1,4-Dichlorobenzene	0.00095	U	0.00095	0.00049	mg/Kg	☼	10/05/25 17:28	10/06/25 18:28	1
2-Butanone (MEK)	0.0048	U	0.0048	0.00035	mg/Kg	☼	10/05/25 17:28	10/06/25 18:28	1
2-Hexanone	0.0048	U	0.0048	0.0016	mg/Kg	☼	10/05/25 17:28	10/06/25 18:28	1
4-Methyl-2-pentanone (MIBK)	0.0048	U	0.0048	0.0015	mg/Kg	☼	10/05/25 17:28	10/06/25 18:28	1
Acetone	0.0057	U	0.0057	0.0054	mg/Kg	☼	10/05/25 17:28	10/06/25 18:28	1
Benzene	0.00095	U	0.00095	0.00054	mg/Kg	☼	10/05/25 17:28	10/06/25 18:28	1
Bromoform	0.00095	U	0.00095	0.00040	mg/Kg	☼	10/05/25 17:28	10/06/25 18:28	1
Bromomethane	0.0019	U	0.0019	0.00095	mg/Kg	☼	10/05/25 17:28	10/06/25 18:28	1

Client Sample ID: 8B3_8-9
Date Collected: 10/01/25 11:00
Date Received: 10/01/25 16:15

Lab Sample ID: 460-336212-43
Matrix: Solid
Percent Solids: 89.6

Method: SW846 8260D - Volatile Organic Compounds by GC/MS (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Carbon disulfide	0.00095	U	0.00095	0.00025	mg/Kg	☼	10/05/25 17:28	10/06/25 18:28	1
Carbon tetrachloride	0.00095	U	0.00095	0.00037	mg/Kg	☼	10/05/25 17:28	10/06/25 18:28	1
Chlorobenzene	0.00095	U	0.00095	0.00048	mg/Kg	☼	10/05/25 17:28	10/06/25 18:28	1
Chlorobromomethane	0.00095	U	0.00095	0.00057	mg/Kg	☼	10/05/25 17:28	10/06/25 18:28	1
Chlorodibromomethane	0.00095	U	0.00095	0.00051	mg/Kg	☼	10/05/25 17:28	10/06/25 18:28	1
Chloroethane	0.00095	U	0.00095	0.00050	mg/Kg	☼	10/05/25 17:28	10/06/25 18:28	1
Chloroform	0.00095	U	0.00095	0.00092	mg/Kg	☼	10/05/25 17:28	10/06/25 18:28	1
Chloromethane	0.00095	U	0.00095	0.00041	mg/Kg	☼	10/05/25 17:28	10/06/25 18:28	1
cis-1,2-Dichloroethene	0.00095	U	0.00095	0.00034	mg/Kg	☼	10/05/25 17:28	10/06/25 18:28	1
cis-1,3-Dichloropropene	0.00095	U	0.00095	0.00026	mg/Kg	☼	10/05/25 17:28	10/06/25 18:28	1
Cyclohexane	0.00095	U	0.00095	0.00021	mg/Kg	☼	10/05/25 17:28	10/06/25 18:28	1
Dichlorobromomethane	0.00095	U	0.00095	0.00024	mg/Kg	☼	10/05/25 17:28	10/06/25 18:28	1
Dichlorodifluoromethane	0.00095	U	0.00095	0.00032	mg/Kg	☼	10/05/25 17:28	10/06/25 18:28	1
Ethylbenzene	0.00095	U	0.00095	0.00045	mg/Kg	☼	10/05/25 17:28	10/06/25 18:28	1
Ethylene Dibromide	0.00095	U	0.00095	0.00048	mg/Kg	☼	10/05/25 17:28	10/06/25 18:28	1
Isopropylbenzene	0.00095	U	0.00095	0.00027	mg/Kg	☼	10/05/25 17:28	10/06/25 18:28	1
Methyl acetate	0.0048	U	0.0048	0.0041	mg/Kg	☼	10/05/25 17:28	10/06/25 18:28	1
Methyl tert-butyl ether	0.00095	U	0.00095	0.00049	mg/Kg	☼	10/05/25 17:28	10/06/25 18:28	1
Methylcyclohexane	0.00095	U	0.00095	0.00047	mg/Kg	☼	10/05/25 17:28	10/06/25 18:28	1
Methylene Chloride	**0.0022**		0.0019	0.0011	mg/Kg	☼	10/05/25 17:28	10/06/25 18:28	1
m-Xylene & p-Xylene	0.00095	U	0.00095	0.00040	mg/Kg	☼	10/05/25 17:28	10/06/25 18:28	1
n-Butylbenzene	0.00095	U	0.00095	0.00028	mg/Kg	☼	10/05/25 17:28	10/06/25 18:28	1
N-Propylbenzene	0.00095	U	0.00095	0.00043	mg/Kg	☼	10/05/25 17:28	10/06/25 18:28	1
o-Xylene	0.00095	U	0.00095	0.00044	mg/Kg	☼	10/05/25 17:28	10/06/25 18:28	1
sec-Butylbenzene	0.00095	U	0.00095	0.00027	mg/Kg	☼	10/05/25 17:28	10/06/25 18:28	1
Styrene	0.00095	U	0.00095	0.00026	mg/Kg	☼	10/05/25 17:28	10/06/25 18:28	1
tert-Butylbenzene	0.00095	U	0.00095	0.00026	mg/Kg	☼	10/05/25 17:28	10/06/25 18:28	1
Tetrachloroethene	0.00095	U	0.00095	0.00029	mg/Kg	☼	10/05/25 17:28	10/06/25 18:28	1
Toluene	0.00095	U	0.00095	0.00022	mg/Kg	☼	10/05/25 17:28	10/06/25 18:28	1
trans-1,2-Dichloroethene	0.00095	U	0.00095	0.00023	mg/Kg	☼	10/05/25 17:28	10/06/25 18:28	1
trans-1,3-Dichloropropene	0.00095	U	0.00095	0.00025	mg/Kg	☼	10/05/25 17:28	10/06/25 18:28	1
Trichloroethene	0.00095	U	0.00095	0.00031	mg/Kg	☼	10/05/25 17:28	10/06/25 18:28	1
Trichlorofluoromethane	0.00095	U	0.00095	0.00039	mg/Kg	☼	10/05/25 17:28	10/06/25 18:28	1
Vinyl chloride	0.00095	U	0.00095	0.00052	mg/Kg	☼	10/05/25 17:28	10/06/25 18:28	1
Xylenes, Total	0.0019	U	0.0019	0.00017	mg/Kg	☼	10/05/25 17:28	10/06/25 18:28	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,2-Dichloroethane-d4 (Surr)	*102*		*65 - 138*	*10/05/25 17:28*	*10/06/25 18:28*	*1*
4-Bromofluorobenzene	*97*		*71 - 128*	*10/05/25 17:28*	*10/06/25 18:28*	*1*
Dibromofluoromethane (Surr)	*98*		*50 - 150*	*10/05/25 17:28*	*10/06/25 18:28*	*1*
Toluene-d8 (Surr)	*101*		*71 - 126*	*10/05/25 17:28*	*10/06/25 18:28*	*1*

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Percent Moisture (EPA Moisture)	**10.4**		1.0	1.0	%			10/05/25 17:30	1
Percent Solids (EPA Moisture)	**89.6**		1.0	1.0	%			10/05/25 17:30	1

Client: Haley & Aldrich, Inc.
Project/Site: Former Port Mobil

Job ID: 460-336212-1

Client Sample ID: 8B2_9-10
Date Collected: 10/01/25 11:05
Date Received: 10/01/25 16:15

Lab Sample ID: 460-336212-44
Matrix: Solid
Percent Solids: 91.6

Method: SW846 8260D - Volatile Organic Compounds by GC/MS

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1-Trichloroethane	0.00054	U	0.00054	0.00013	mg/Kg	☼	10/05/25 17:29	10/07/25 13:32	1
1,1,2,2-Tetrachloroethane	0.00054	U	0.00054	0.00028	mg/Kg	☼	10/05/25 17:29	10/07/25 13:32	1
1,1,2-Trichloro-1,2,2-trifluoroethane	0.00054	U	0.00054	0.00016	mg/Kg	☼	10/05/25 17:29	10/07/25 13:32	1
1,1,2-Trichloroethane	0.00054	U	0.00054	0.00033	mg/Kg	☼	10/05/25 17:29	10/07/25 13:32	1
1,1-Dichloroethane	0.00054	U	0.00054	0.00032	mg/Kg	☼	10/05/25 17:29	10/07/25 13:32	1
1,1-Dichloroethene	0.00054	U	0.00054	0.00012	mg/Kg	☼	10/05/25 17:29	10/07/25 13:32	1
1,2,3-Trichlorobenzene	0.00054	U	0.00054	0.00040	mg/Kg	☼	10/05/25 17:29	10/07/25 13:32	1
1,2,4-Trichlorobenzene	0.00054	U	0.00054	0.00019	mg/Kg	☼	10/05/25 17:29	10/07/25 13:32	1
1,2,4-Trimethylbenzene	0.00054	U	0.00054	0.00013	mg/Kg	☼	10/05/25 17:29	10/07/25 13:32	1
1,2-Dibromo-3-Chloropropane	0.00054	U	0.00054	0.00025	mg/Kg	☼	10/05/25 17:29	10/07/25 13:32	1
1,2-Dichlorobenzene	0.00054	U	0.00054	0.00020	mg/Kg	☼	10/05/25 17:29	10/07/25 13:32	1
1,2-Dichloroethane	0.00054	U	0.00054	0.00016	mg/Kg	☼	10/05/25 17:29	10/07/25 13:32	1
1,2-Dichloropropane	0.00054	U	0.00054	0.00023	mg/Kg	☼	10/05/25 17:29	10/07/25 13:32	1
1,3,5-Trimethylbenzene	0.00054	U	0.00054	0.00017	mg/Kg	☼	10/05/25 17:29	10/07/25 13:32	1
1,3-Dichlorobenzene	0.00054	U	0.00054	0.00020	mg/Kg	☼	10/05/25 17:29	10/07/25 13:32	1
1,4-Dichlorobenzene	0.00054	U	0.00054	0.00028	mg/Kg	☼	10/05/25 17:29	10/07/25 13:32	1
2-Butanone (MEK)	0.0027	U	0.0027	0.00020	mg/Kg	☼	10/05/25 17:29	10/07/25 13:32	1
2-Hexanone	0.0027	U	0.0027	0.00093	mg/Kg	☼	10/05/25 17:29	10/07/25 13:32	1
4-Methyl-2-pentanone (MIBK)	0.0027	U	0.0027	0.00084	mg/Kg	☼	10/05/25 17:29	10/07/25 13:32	1
Acetone	0.0033	U	0.0033	0.0031	mg/Kg	☼	10/05/25 17:29	10/07/25 13:32	1
Benzene	0.00054	U	0.00054	0.00031	mg/Kg	☼	10/05/25 17:29	10/07/25 13:32	1
Bromoform	0.00054	U	0.00054	0.00023	mg/Kg	☼	10/05/25 17:29	10/07/25 13:32	1
Bromomethane	0.0011	U	0.0011	0.00054	mg/Kg	☼	10/05/25 17:29	10/07/25 13:32	1
Carbon disulfide	0.00054	U	0.00054	0.00014	mg/Kg	☼	10/05/25 17:29	10/07/25 13:32	1
Carbon tetrachloride	0.00054	U	0.00054	0.00021	mg/Kg	☼	10/05/25 17:29	10/07/25 13:32	1
Chlorobenzene	0.00054	U	0.00054	0.00028	mg/Kg	☼	10/05/25 17:29	10/07/25 13:32	1
Chlorobromomethane	0.00054	U	0.00054	0.00032	mg/Kg	☼	10/05/25 17:29	10/07/25 13:32	1
Chlorodibromomethane	0.00054	U	0.00054	0.00029	mg/Kg	☼	10/05/25 17:29	10/07/25 13:32	1
Chloroethane	0.00054	U	0.00054	0.00028	mg/Kg	☼	10/05/25 17:29	10/07/25 13:32	1
Chloroform	0.00054	U	0.00054	0.00053	mg/Kg	☼	10/05/25 17:29	10/07/25 13:32	1
Chloromethane	0.00054	U	0.00054	0.00024	mg/Kg	☼	10/05/25 17:29	10/07/25 13:32	1
cis-1,2-Dichloroethene	0.00054	U	0.00054	0.00019	mg/Kg	☼	10/05/25 17:29	10/07/25 13:32	1
cis-1,3-Dichloropropene	0.00054	U	0.00054	0.00015	mg/Kg	☼	10/05/25 17:29	10/07/25 13:32	1
Cyclohexane	0.00054	U	0.00054	0.00012	mg/Kg	☼	10/05/25 17:29	10/07/25 13:32	1
Dichlorobromomethane	0.00054	U	0.00054	0.00014	mg/Kg	☼	10/05/25 17:29	10/07/25 13:32	1
Dichlorodifluoromethane	0.00054	U *	0.00054	0.00018	mg/Kg	☼	10/05/25 17:29	10/07/25 13:32	1
Ethylbenzene	0.00054	U	0.00054	0.00025	mg/Kg	☼	10/05/25 17:29	10/07/25 13:32	1
Ethylene Dibromide	0.00054	U	0.00054	0.00027	mg/Kg	☼	10/05/25 17:29	10/07/25 13:32	1
Isopropylbenzene	0.00054	U	0.00054	0.00015	mg/Kg	☼	10/05/25 17:29	10/07/25 13:32	1
Methyl acetate	0.0027	U	0.0027	0.0023	mg/Kg	☼	10/05/25 17:29	10/07/25 13:32	1
Methyl tert-butyl ether	0.00054	U	0.00054	0.00028	mg/Kg	☼	10/05/25 17:29	10/07/25 13:32	1
Methylcyclohexane	0.00054	U	0.00054	0.00027	mg/Kg	☼	10/05/25 17:29	10/07/25 13:32	1
Methylene Chloride	**0.0014**		0.0011	0.00062	mg/Kg	☼	10/05/25 17:29	10/07/25 13:32	1
m-Xylene & p-Xylene	0.00054	U	0.00054	0.00023	mg/Kg	☼	10/05/25 17:29	10/07/25 13:32	1
n-Butylbenzene	0.00054	U	0.00054	0.00016	mg/Kg	☼	10/05/25 17:29	10/07/25 13:32	1
N-Propylbenzene	0.00054	U	0.00054	0.00024	mg/Kg	☼	10/05/25 17:29	10/07/25 13:32	1
o-Xylene	0.00054	U	0.00054	0.00025	mg/Kg	☼	10/05/25 17:29	10/07/25 13:32	1
sec-Butylbenzene	0.00054	U	0.00054	0.00016	mg/Kg	☼	10/05/25 17:29	10/07/25 13:32	1
Styrene	0.00054	U	0.00054	0.00015	mg/Kg	☼	10/05/25 17:29	10/07/25 13:32	1

Client Sample ID: 8B2_9-10

Lab Sample ID: 460-336212-44

Date Collected: 10/01/25 11:05
Matrix: Solid
Date Received: 10/01/25 16:15
Percent Solids: 91.6

Method: SW846 8260D - Volatile Organic Compounds by GC/MS (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
tert-Butylbenzene	0.00054	U	0.00054	0.00015	mg/Kg	☼	10/05/25 17:29	10/07/25 13:32	1
Tetrachloroethene	0.00054	U	0.00054	0.00017	mg/Kg	☼	10/05/25 17:29	10/07/25 13:32	1
Toluene	0.00054	U	0.00054	0.00013	mg/Kg	☼	10/05/25 17:29	10/07/25 13:32	1
trans-1,2-Dichloroethene	0.00054	U	0.00054	0.00013	mg/Kg	☼	10/05/25 17:29	10/07/25 13:32	1
trans-1,3-Dichloropropene	0.00054	U	0.00054	0.00014	mg/Kg	☼	10/05/25 17:29	10/07/25 13:32	1
Trichloroethene	0.00054	U	0.00054	0.00017	mg/Kg	☼	10/05/25 17:29	10/07/25 13:32	1
Trichlorofluoromethane	0.00054	U	0.00054	0.00022	mg/Kg	☼	10/05/25 17:29	10/07/25 13:32	1
Vinyl chloride	0.00054	U	0.00054	0.00030	mg/Kg	☼	10/05/25 17:29	10/07/25 13:32	1
Xylenes, Total	0.0011	U	0.0011	0.000094	mg/Kg	☼	10/05/25 17:29	10/07/25 13:32	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,2-Dichloroethane-d4 (Surr)	*103*		*65 - 138*	*10/05/25 17:29*	*10/07/25 13:32*	*1*
4-Bromofluorobenzene	*94*		*71 - 128*	*10/05/25 17:29*	*10/07/25 13:32*	*1*
Dibromofluoromethane (Surr)	*99*		*50 - 150*	*10/05/25 17:29*	*10/07/25 13:32*	*1*
Toluene-d8 (Surr)	*101*		*71 - 126*	*10/05/25 17:29*	*10/07/25 13:32*	*1*

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Percent Moisture (EPA Moisture)	**8.4**		1.0	1.0	%			10/05/25 17:30	1
Percent Solids (EPA Moisture)	**91.6**		1.0	1.0	%			10/05/25 17:30	1

Client Sample ID: 8A1_1-2

Lab Sample ID: 460-336212-45

Date Collected: 10/01/25 11:10
Matrix: Solid
Date Received: 10/01/25 16:15
Percent Solids: 89.1

Method: SW846 8260D - Volatile Organic Compounds by GC/MS

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1-Trichloroethane	0.00077	U	0.00077	0.00018	mg/Kg	☼	10/05/25 17:30	10/07/25 13:02	1
1,1,2,2-Tetrachloroethane	0.00077	U	0.00077	0.00040	mg/Kg	☼	10/05/25 17:30	10/07/25 13:02	1
1,1,2-Trichloro-1,2,2-trifluoroethane	0.00077	U	0.00077	0.00023	mg/Kg	☼	10/05/25 17:30	10/07/25 13:02	1
1,1,2-Trichloroethane	0.00077	U	0.00077	0.00046	mg/Kg	☼	10/05/25 17:30	10/07/25 13:02	1
1,1-Dichloroethane	0.00077	U	0.00077	0.00046	mg/Kg	☼	10/05/25 17:30	10/07/25 13:02	1
1,1-Dichloroethene	0.00077	U	0.00077	0.00017	mg/Kg	☼	10/05/25 17:30	10/07/25 13:02	1
1,2,3-Trichlorobenzene	0.00077	U	0.00077	0.00057	mg/Kg	☼	10/05/25 17:30	10/07/25 13:02	1
1,2,4-Trichlorobenzene	0.00077	U	0.00077	0.00027	mg/Kg	☼	10/05/25 17:30	10/07/25 13:02	1
1,2,4-Trimethylbenzene	0.00077	U	0.00077	0.00019	mg/Kg	☼	10/05/25 17:30	10/07/25 13:02	1
1,2-Dibromo-3-Chloropropane	0.00077	U	0.00077	0.00035	mg/Kg	☼	10/05/25 17:30	10/07/25 13:02	1
1,2-Dichlorobenzene	0.00077	U	0.00077	0.00028	mg/Kg	☼	10/05/25 17:30	10/07/25 13:02	1
1,2-Dichloroethane	0.00077	U	0.00077	0.00023	mg/Kg	☼	10/05/25 17:30	10/07/25 13:02	1
1,2-Dichloropropane	0.00077	U	0.00077	0.00032	mg/Kg	☼	10/05/25 17:30	10/07/25 13:02	1
1,3,5-Trimethylbenzene	0.00077	U	0.00077	0.00024	mg/Kg	☼	10/05/25 17:30	10/07/25 13:02	1
1,3-Dichlorobenzene	0.00077	U	0.00077	0.00028	mg/Kg	☼	10/05/25 17:30	10/07/25 13:02	1
1,4-Dichlorobenzene	0.00077	U	0.00077	0.00040	mg/Kg	☼	10/05/25 17:30	10/07/25 13:02	1
2-Butanone (MEK)	0.0038	U	0.0038	0.00028	mg/Kg	☼	10/05/25 17:30	10/07/25 13:02	1
2-Hexanone	0.0038	U	0.0038	0.0013	mg/Kg	☼	10/05/25 17:30	10/07/25 13:02	1
4-Methyl-2-pentanone (MIBK)	0.0038	U	0.0038	0.0012	mg/Kg	☼	10/05/25 17:30	10/07/25 13:02	1
Acetone	0.0046	U	0.0046	0.0044	mg/Kg	☼	10/05/25 17:30	10/07/25 13:02	1
Benzene	0.00077	U	0.00077	0.00044	mg/Kg	☼	10/05/25 17:30	10/07/25 13:02	1
Bromoform	0.00077	U	0.00077	0.00033	mg/Kg	☼	10/05/25 17:30	10/07/25 13:02	1
Bromomethane	0.0015	U	0.0015	0.00077	mg/Kg	☼	10/05/25 17:30	10/07/25 13:02	1

Client Sample ID: 8A1_1-2
Date Collected: 10/01/25 11:10
Date Received: 10/01/25 16:15

Lab Sample ID: 460-336212-45
Matrix: Solid
Percent Solids: 89.1

Method: SW846 8260D - Volatile Organic Compounds by GC/MS (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Carbon disulfide	0.00077	U	0.00077	0.00020	mg/Kg	☼	10/05/25 17:30	10/07/25 13:02	1
Carbon tetrachloride	0.00077	U	0.00077	0.00030	mg/Kg	☼	10/05/25 17:30	10/07/25 13:02	1
Chlorobenzene	0.00077	U	0.00077	0.00039	mg/Kg	☼	10/05/25 17:30	10/07/25 13:02	1
Chlorobromomethane	0.00077	U	0.00077	0.00046	mg/Kg	☼	10/05/25 17:30	10/07/25 13:02	1
Chlorodibromomethane	0.00077	U	0.00077	0.00041	mg/Kg	☼	10/05/25 17:30	10/07/25 13:02	1
Chloroethane	0.00077	U	0.00077	0.00040	mg/Kg	☼	10/05/25 17:30	10/07/25 13:02	1
Chloroform	0.00077	U	0.00077	0.00075	mg/Kg	☼	10/05/25 17:30	10/07/25 13:02	1
Chloromethane	0.00077	U	0.00077	0.00033	mg/Kg	☼	10/05/25 17:30	10/07/25 13:02	1
cis-1,2-Dichloroethene	0.00077	U	0.00077	0.00027	mg/Kg	☼	10/05/25 17:30	10/07/25 13:02	1
cis-1,3-Dichloropropene	0.00077	U	0.00077	0.00021	mg/Kg	☼	10/05/25 17:30	10/07/25 13:02	1
Cyclohexane	0.00077	U	0.00077	0.00017	mg/Kg	☼	10/05/25 17:30	10/07/25 13:02	1
Dichlorobromomethane	0.00077	U	0.00077	0.00020	mg/Kg	☼	10/05/25 17:30	10/07/25 13:02	1
Dichlorodifluoromethane	0.00077	U *	0.00077	0.00026	mg/Kg	☼	10/05/25 17:30	10/07/25 13:02	1
Ethylbenzene	0.00077	U	0.00077	0.00036	mg/Kg	☼	10/05/25 17:30	10/07/25 13:02	1
Ethylene Dibromide	0.00077	U	0.00077	0.00039	mg/Kg	☼	10/05/25 17:30	10/07/25 13:02	1
Isopropylbenzene	0.00077	U	0.00077	0.00022	mg/Kg	☼	10/05/25 17:30	10/07/25 13:02	1
Methyl acetate	0.0038	U	0.0038	0.0033	mg/Kg	☼	10/05/25 17:30	10/07/25 13:02	1
Methyl tert-butyl ether	0.00077	U	0.00077	0.00039	mg/Kg	☼	10/05/25 17:30	10/07/25 13:02	1
Methylcyclohexane	0.00077	U	0.00077	0.00038	mg/Kg	☼	10/05/25 17:30	10/07/25 13:02	1
Methylene Chloride	**0.0026**		0.0015	0.00088	mg/Kg	☼	10/05/25 17:30	10/07/25 13:02	1
m-Xylene & p-Xylene	0.00077	U	0.00077	0.00032	mg/Kg	☼	10/05/25 17:30	10/07/25 13:02	1
n-Butylbenzene	0.00077	U	0.00077	0.00023	mg/Kg	☼	10/05/25 17:30	10/07/25 13:02	1
N-Propylbenzene	0.00077	U	0.00077	0.00034	mg/Kg	☼	10/05/25 17:30	10/07/25 13:02	1
o-Xylene	0.00077	U	0.00077	0.00035	mg/Kg	☼	10/05/25 17:30	10/07/25 13:02	1
sec-Butylbenzene	0.00077	U	0.00077	0.00022	mg/Kg	☼	10/05/25 17:30	10/07/25 13:02	1
Styrene	0.00077	U	0.00077	0.00021	mg/Kg	☼	10/05/25 17:30	10/07/25 13:02	1
tert-Butylbenzene	0.00077	U	0.00077	0.00021	mg/Kg	☼	10/05/25 17:30	10/07/25 13:02	1
Tetrachloroethene	0.00077	U	0.00077	0.00023	mg/Kg	☼	10/05/25 17:30	10/07/25 13:02	1
Toluene	0.00077	U	0.00077	0.00018	mg/Kg	☼	10/05/25 17:30	10/07/25 13:02	1
trans-1,2-Dichloroethene	0.00077	U	0.00077	0.00019	mg/Kg	☼	10/05/25 17:30	10/07/25 13:02	1
trans-1,3-Dichloropropene	0.00077	U	0.00077	0.00020	mg/Kg	☼	10/05/25 17:30	10/07/25 13:02	1
Trichloroethene	0.00077	U	0.00077	0.00025	mg/Kg	☼	10/05/25 17:30	10/07/25 13:02	1
Trichlorofluoromethane	0.00077	U	0.00077	0.00031	mg/Kg	☼	10/05/25 17:30	10/07/25 13:02	1
Vinyl chloride	0.00077	U	0.00077	0.00042	mg/Kg	☼	10/05/25 17:30	10/07/25 13:02	1
Xylenes, Total	0.0015	U	0.0015	0.00013	mg/Kg	☼	10/05/25 17:30	10/07/25 13:02	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,2-Dichloroethane-d4 (Surr)	*97*		*65 - 138*	*10/05/25 17:30*	*10/07/25 13:02*	*1*
4-Bromofluorobenzene	*95*		*71 - 128*	*10/05/25 17:30*	*10/07/25 13:02*	*1*
Dibromofluoromethane (Surr)	*97*		*50 - 150*	*10/05/25 17:30*	*10/07/25 13:02*	*1*
Toluene-d8 (Surr)	*102*		*71 - 126*	*10/05/25 17:30*	*10/07/25 13:02*	*1*

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Percent Moisture (EPA Moisture)	**10.9**		1.0	1.0	%			10/05/25 17:30	1
Percent Solids (EPA Moisture)	**89.1**		1.0	1.0	%			10/05/25 17:30	1

Client: Haley & Aldrich, Inc.
Project/Site: Former Port Mobil

Job ID: 460-336212-1

Client Sample ID: 8A2_2-3
Date Collected: 10/01/25 11:15
Date Received: 10/01/25 16:15

Lab Sample ID: 460-336212-46
Matrix: Solid
Percent Solids: 88.3

Method: SW846 8260D - Volatile Organic Compounds by GC/MS

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1-Trichloroethane	0.00095	U	0.00095	0.00022	mg/Kg	☼	10/05/25 17:30	10/06/25 19:40	1
1,1,2,2-Tetrachloroethane	0.00095	U	0.00095	0.00050	mg/Kg	☼	10/05/25 17:30	10/06/25 19:40	1
1,1,2-Trichloro-1,2,2-trifluoroethane	0.00095	U	0.00095	0.00029	mg/Kg	☼	10/05/25 17:30	10/06/25 19:40	1
1,1,2-Trichloroethane	0.00095	U	0.00095	0.00057	mg/Kg	☼	10/05/25 17:30	10/06/25 19:40	1
1,1-Dichloroethane	0.00095	U	0.00095	0.00057	mg/Kg	☼	10/05/25 17:30	10/06/25 19:40	1
1,1-Dichloroethene	0.00095	U	0.00095	0.00021	mg/Kg	☼	10/05/25 17:30	10/06/25 19:40	1
1,2,3-Trichlorobenzene	0.00095	U	0.00095	0.00070	mg/Kg	☼	10/05/25 17:30	10/06/25 19:40	1
1,2,4-Trichlorobenzene	0.00095	U	0.00095	0.00034	mg/Kg	☼	10/05/25 17:30	10/06/25 19:40	1
1,2,4-Trimethylbenzene	0.00095	U	0.00095	0.00023	mg/Kg	☼	10/05/25 17:30	10/06/25 19:40	1
1,2-Dibromo-3-Chloropropane	0.00095	U	0.00095	0.00044	mg/Kg	☼	10/05/25 17:30	10/06/25 19:40	1
1,2-Dichlorobenzene	0.00095	U	0.00095	0.00034	mg/Kg	☼	10/05/25 17:30	10/06/25 19:40	1
1,2-Dichloroethane	0.00095	U	0.00095	0.00028	mg/Kg	☼	10/05/25 17:30	10/06/25 19:40	1
1,2-Dichloropropane	0.00095	U	0.00095	0.00040	mg/Kg	☼	10/05/25 17:30	10/06/25 19:40	1
1,3,5-Trimethylbenzene	0.00095	U	0.00095	0.00030	mg/Kg	☼	10/05/25 17:30	10/06/25 19:40	1
1,3-Dichlorobenzene	0.00095	U	0.00095	0.00035	mg/Kg	☼	10/05/25 17:30	10/06/25 19:40	1
1,4-Dichlorobenzene	0.00095	U	0.00095	0.00049	mg/Kg	☼	10/05/25 17:30	10/06/25 19:40	1
2-Butanone (MEK)	0.0047	U	0.0047	0.00035	mg/Kg	☼	10/05/25 17:30	10/06/25 19:40	1
2-Hexanone	0.0047	U	0.0047	0.0016	mg/Kg	☼	10/05/25 17:30	10/06/25 19:40	1
4-Methyl-2-pentanone (MIBK)	0.0047	U	0.0047	0.0015	mg/Kg	☼	10/05/25 17:30	10/06/25 19:40	1
Acetone	0.0057	U	0.0057	0.0054	mg/Kg	☼	10/05/25 17:30	10/06/25 19:40	1
Benzene	0.00095	U	0.00095	0.00054	mg/Kg	☼	10/05/25 17:30	10/06/25 19:40	1
Bromoform	0.00095	U	0.00095	0.00040	mg/Kg	☼	10/05/25 17:30	10/06/25 19:40	1
Bromomethane	0.0019	U	0.0019	0.00095	mg/Kg	☼	10/05/25 17:30	10/06/25 19:40	1
Carbon disulfide	0.00095	U	0.00095	0.00025	mg/Kg	☼	10/05/25 17:30	10/06/25 19:40	1
Carbon tetrachloride	0.00095	U	0.00095	0.00037	mg/Kg	☼	10/05/25 17:30	10/06/25 19:40	1
Chlorobenzene	0.00095	U	0.00095	0.00048	mg/Kg	☼	10/05/25 17:30	10/06/25 19:40	1
Chlorobromomethane	0.00095	U	0.00095	0.00057	mg/Kg	☼	10/05/25 17:30	10/06/25 19:40	1
Chlorodibromomethane	0.00095	U	0.00095	0.00051	mg/Kg	☼	10/05/25 17:30	10/06/25 19:40	1
Chloroethane	0.00095	U	0.00095	0.00050	mg/Kg	☼	10/05/25 17:30	10/06/25 19:40	1
Chloroform	0.00095	U	0.00095	0.00092	mg/Kg	☼	10/05/25 17:30	10/06/25 19:40	1
Chloromethane	0.00095	U	0.00095	0.00041	mg/Kg	☼	10/05/25 17:30	10/06/25 19:40	1
cis-1,2-Dichloroethene	0.00095	U	0.00095	0.00034	mg/Kg	☼	10/05/25 17:30	10/06/25 19:40	1
cis-1,3-Dichloropropene	0.00095	U	0.00095	0.00026	mg/Kg	☼	10/05/25 17:30	10/06/25 19:40	1
Cyclohexane	0.00095	U	0.00095	0.00021	mg/Kg	☼	10/05/25 17:30	10/06/25 19:40	1
Dichlorobromomethane	0.00095	U	0.00095	0.00024	mg/Kg	☼	10/05/25 17:30	10/06/25 19:40	1
Dichlorodifluoromethane	0.00095	U	0.00095	0.00032	mg/Kg	☼	10/05/25 17:30	10/06/25 19:40	1
Ethylbenzene	0.00095	U	0.00095	0.00044	mg/Kg	☼	10/05/25 17:30	10/06/25 19:40	1
Ethylene Dibromide	0.00095	U	0.00095	0.00048	mg/Kg	☼	10/05/25 17:30	10/06/25 19:40	1
Isopropylbenzene	0.00095	U	0.00095	0.00027	mg/Kg	☼	10/05/25 17:30	10/06/25 19:40	1
Methyl acetate	0.0047	U	0.0047	0.0041	mg/Kg	☼	10/05/25 17:30	10/06/25 19:40	1
Methyl tert-butyl ether	0.00095	U	0.00095	0.00049	mg/Kg	☼	10/05/25 17:30	10/06/25 19:40	1
Methylcyclohexane	0.00095	U	0.00095	0.00047	mg/Kg	☼	10/05/25 17:30	10/06/25 19:40	1
Methylene Chloride	**0.0048**		0.0019	0.0011	mg/Kg	☼	10/05/25 17:30	10/06/25 19:40	1
m-Xylene & p-Xylene	**0.00045**	**J**	0.00095	0.00040	mg/Kg	☼	10/05/25 17:30	10/06/25 19:40	1
n-Butylbenzene	0.00095	U	0.00095	0.00028	mg/Kg	☼	10/05/25 17:30	10/06/25 19:40	1
N-Propylbenzene	0.00095	U	0.00095	0.00043	mg/Kg	☼	10/05/25 17:30	10/06/25 19:40	1
o-Xylene	0.00095	U	0.00095	0.00044	mg/Kg	☼	10/05/25 17:30	10/06/25 19:40	1
sec-Butylbenzene	0.00095	U	0.00095	0.00027	mg/Kg	☼	10/05/25 17:30	10/06/25 19:40	1
Styrene	0.00095	U	0.00095	0.00026	mg/Kg	☼	10/05/25 17:30	10/06/25 19:40	1

Client Sample ID: 8A2_2-3

Lab Sample ID: 460-336212-46

Date Collected: 10/01/25 11:15
Matrix: Solid
Date Received: 10/01/25 16:15
Percent Solids: 88.3

Method: SW846 8260D - Volatile Organic Compounds by GC/MS (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
tert-Butylbenzene	0.00095	U	0.00095	0.00026	mg/Kg	☼	10/05/25 17:30	10/06/25 19:40	1
Tetrachloroethene	0.00095	U	0.00095	0.00029	mg/Kg	☼	10/05/25 17:30	10/06/25 19:40	1
Toluene	0.00095	U	0.00095	0.00022	mg/Kg	☼	10/05/25 17:30	10/06/25 19:40	1
trans-1,2-Dichloroethene	0.00095	U	0.00095	0.00023	mg/Kg	☼	10/05/25 17:30	10/06/25 19:40	1
trans-1,3-Dichloropropene	0.00095	U	0.00095	0.00025	mg/Kg	☼	10/05/25 17:30	10/06/25 19:40	1
Trichloroethene	0.00095	U	0.00095	0.00030	mg/Kg	☼	10/05/25 17:30	10/06/25 19:40	1
Trichlorofluoromethane	0.00095	U	0.00095	0.00039	mg/Kg	☼	10/05/25 17:30	10/06/25 19:40	1
Vinyl chloride	0.00095	U	0.00095	0.00052	mg/Kg	☼	10/05/25 17:30	10/06/25 19:40	1
Xylenes, Total	**0.00045**	**J**	0.0019	0.00017	mg/Kg	☼	10/05/25 17:30	10/06/25 19:40	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,2-Dichloroethane-d4 (Surr)	*103*		*65 - 138*	*10/05/25 17:30*	*10/06/25 19:40*	*1*
4-Bromofluorobenzene	*98*		*71 - 128*	*10/05/25 17:30*	*10/06/25 19:40*	*1*
Dibromofluoromethane (Surr)	*100*		*50 - 150*	*10/05/25 17:30*	*10/06/25 19:40*	*1*
Toluene-d8 (Surr)	*102*		*71 - 126*	*10/05/25 17:30*	*10/06/25 19:40*	*1*

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Percent Moisture (EPA Moisture)	**11.7**		1.0	1.0	%			10/05/25 17:30	1
Percent Solids (EPA Moisture)	**88.3**		1.0	1.0	%			10/05/25 17:30	1

Client Sample ID: 8A3_4-5

Lab Sample ID: 460-336212-47

Date Collected: 10/01/25 11:20
Matrix: Solid
Date Received: 10/01/25 16:15
Percent Solids: 90.9

Method: SW846 8260D - Volatile Organic Compounds by GC/MS

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1-Trichloroethane	0.0011	U	0.0011	0.00025	mg/Kg	☼	10/05/25 17:30	10/06/25 20:08	1
1,1,2,2-Tetrachloroethane	0.0011	U	0.0011	0.00056	mg/Kg	☼	10/05/25 17:30	10/06/25 20:08	1
1,1,2-Trichloro-1,2,2-trifluoroethane	0.0011	U	0.0011	0.00033	mg/Kg	☼	10/05/25 17:30	10/06/25 20:08	1
1,1,2-Trichloroethane	0.0011	U	0.0011	0.00065	mg/Kg	☼	10/05/25 17:30	10/06/25 20:08	1
1,1-Dichloroethane	0.0011	U	0.0011	0.00065	mg/Kg	☼	10/05/25 17:30	10/06/25 20:08	1
1,1-Dichloroethene	0.0011	U	0.0011	0.00024	mg/Kg	☼	10/05/25 17:30	10/06/25 20:08	1
1,2,3-Trichlorobenzene	0.0011	U	0.0011	0.00080	mg/Kg	☼	10/05/25 17:30	10/06/25 20:08	1
1,2,4-Trichlorobenzene	0.0011	U	0.0011	0.00039	mg/Kg	☼	10/05/25 17:30	10/06/25 20:08	1
1,2,4-Trimethylbenzene	0.0011	U	0.0011	0.00027	mg/Kg	☼	10/05/25 17:30	10/06/25 20:08	1
1,2-Dibromo-3-Chloropropane	0.0011	U	0.0011	0.00050	mg/Kg	☼	10/05/25 17:30	10/06/25 20:08	1
1,2-Dichlorobenzene	0.0011	U	0.0011	0.00039	mg/Kg	☼	10/05/25 17:30	10/06/25 20:08	1
1,2-Dichloroethane	0.0011	U	0.0011	0.00032	mg/Kg	☼	10/05/25 17:30	10/06/25 20:08	1
1,2-Dichloropropane	0.0011	U	0.0011	0.00046	mg/Kg	☼	10/05/25 17:30	10/06/25 20:08	1
1,3,5-Trimethylbenzene	0.0011	U	0.0011	0.00034	mg/Kg	☼	10/05/25 17:30	10/06/25 20:08	1
1,3-Dichlorobenzene	0.0011	U	0.0011	0.00039	mg/Kg	☼	10/05/25 17:30	10/06/25 20:08	1
1,4-Dichlorobenzene	0.0011	U	0.0011	0.00056	mg/Kg	☼	10/05/25 17:30	10/06/25 20:08	1
2-Butanone (MEK)	0.0054	U	0.0054	0.00040	mg/Kg	☼	10/05/25 17:30	10/06/25 20:08	1
2-Hexanone	0.0054	U	0.0054	0.0018	mg/Kg	☼	10/05/25 17:30	10/06/25 20:08	1
4-Methyl-2-pentanone (MIBK)	0.0054	U	0.0054	0.0017	mg/Kg	☼	10/05/25 17:30	10/06/25 20:08	1
Acetone	0.0065	U	0.0065	0.0062	mg/Kg	☼	10/05/25 17:30	10/06/25 20:08	1
Benzene	0.0011	U	0.0011	0.00061	mg/Kg	☼	10/05/25 17:30	10/06/25 20:08	1
Bromoform	0.0011	U	0.0011	0.00046	mg/Kg	☼	10/05/25 17:30	10/06/25 20:08	1
Bromomethane	0.0022	U	0.0022	0.0011	mg/Kg	☼	10/05/25 17:30	10/06/25 20:08	1

Client Sample ID: 8A3_4-5
Date Collected: 10/01/25 11:20
Date Received: 10/01/25 16:15

Lab Sample ID: 460-336212-47
Matrix: Solid
Percent Solids: 90.9

Method: SW846 8260D - Volatile Organic Compounds by GC/MS (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Carbon disulfide	0.0011	U	0.0011	0.00029	mg/Kg	☼	10/05/25 17:30	10/06/25 20:08	1
Carbon tetrachloride	0.0011	U	0.0011	0.00042	mg/Kg	☼	10/05/25 17:30	10/06/25 20:08	1
Chlorobenzene	0.0011	U	0.0011	0.00055	mg/Kg	☼	10/05/25 17:30	10/06/25 20:08	1
Chlorobromomethane	0.0011	U	0.0011	0.00064	mg/Kg	☼	10/05/25 17:30	10/06/25 20:08	1
Chlorodibromomethane	0.0011	U	0.0011	0.00058	mg/Kg	☼	10/05/25 17:30	10/06/25 20:08	1
Chloroethane	0.0011	U	0.0011	0.00056	mg/Kg	☼	10/05/25 17:30	10/06/25 20:08	1
Chloroform	0.0011	U	0.0011	0.0010	mg/Kg	☼	10/05/25 17:30	10/06/25 20:08	1
Chloromethane	0.0011	U	0.0011	0.00047	mg/Kg	☼	10/05/25 17:30	10/06/25 20:08	1
cis-1,2-Dichloroethene	0.0011	U	0.0011	0.00039	mg/Kg	☼	10/05/25 17:30	10/06/25 20:08	1
cis-1,3-Dichloropropene	0.0011	U	0.0011	0.00030	mg/Kg	☼	10/05/25 17:30	10/06/25 20:08	1
Cyclohexane	0.0011	U	0.0011	0.00024	mg/Kg	☼	10/05/25 17:30	10/06/25 20:08	1
Dichlorobromomethane	0.0011	U	0.0011	0.00028	mg/Kg	☼	10/05/25 17:30	10/06/25 20:08	1
Dichlorodifluoromethane	0.0011	U	0.0011	0.00037	mg/Kg	☼	10/05/25 17:30	10/06/25 20:08	1
Ethylbenzene	0.0011	U	0.0011	0.00051	mg/Kg	☼	10/05/25 17:30	10/06/25 20:08	1
Ethylene Dibromide	0.0011	U	0.0011	0.00054	mg/Kg	☼	10/05/25 17:30	10/06/25 20:08	1
Isopropylbenzene	0.0011	U	0.0011	0.00031	mg/Kg	☼	10/05/25 17:30	10/06/25 20:08	1
Methyl acetate	0.0054	U	0.0054	0.0046	mg/Kg	☼	10/05/25 17:30	10/06/25 20:08	1
Methyl tert-butyl ether	0.0011	U	0.0011	0.00055	mg/Kg	☼	10/05/25 17:30	10/06/25 20:08	1
Methylcyclohexane	0.0011	U	0.0011	0.00054	mg/Kg	☼	10/05/25 17:30	10/06/25 20:08	1
Methylene Chloride	**0.0030**		0.0022	0.0012	mg/Kg	☼	10/05/25 17:30	10/06/25 20:08	1
m-Xylene & p-Xylene	0.0011	U	0.0011	0.00046	mg/Kg	☼	10/05/25 17:30	10/06/25 20:08	1
n-Butylbenzene	0.0011	U	0.0011	0.00032	mg/Kg	☼	10/05/25 17:30	10/06/25 20:08	1
N-Propylbenzene	0.0011	U	0.0011	0.00049	mg/Kg	☼	10/05/25 17:30	10/06/25 20:08	1
o-Xylene	0.0011	U	0.0011	0.00050	mg/Kg	☼	10/05/25 17:30	10/06/25 20:08	1
sec-Butylbenzene	0.0011	U	0.0011	0.00031	mg/Kg	☼	10/05/25 17:30	10/06/25 20:08	1
Styrene	0.0011	U	0.0011	0.00030	mg/Kg	☼	10/05/25 17:30	10/06/25 20:08	1
tert-Butylbenzene	0.0011	U	0.0011	0.00030	mg/Kg	☼	10/05/25 17:30	10/06/25 20:08	1
Tetrachloroethene	0.0011	U	0.0011	0.00033	mg/Kg	☼	10/05/25 17:30	10/06/25 20:08	1
Toluene	0.0011	U	0.0011	0.00025	mg/Kg	☼	10/05/25 17:30	10/06/25 20:08	1
trans-1,2-Dichloroethene	0.0011	U	0.0011	0.00027	mg/Kg	☼	10/05/25 17:30	10/06/25 20:08	1
trans-1,3-Dichloropropene	0.0011	U	0.0011	0.00029	mg/Kg	☼	10/05/25 17:30	10/06/25 20:08	1
Trichloroethene	0.0011	U	0.0011	0.00035	mg/Kg	☼	10/05/25 17:30	10/06/25 20:08	1
Trichlorofluoromethane	0.0011	U	0.0011	0.00044	mg/Kg	☼	10/05/25 17:30	10/06/25 20:08	1
Vinyl chloride	0.0011	U	0.0011	0.00059	mg/Kg	☼	10/05/25 17:30	10/06/25 20:08	1
Xylenes, Total	0.0022	U	0.0022	0.00019	mg/Kg	☼	10/05/25 17:30	10/06/25 20:08	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,2-Dichloroethane-d4 (Surr)	*104*		*65 - 138*	*10/05/25 17:30*	*10/06/25 20:08*	*1*
4-Bromofluorobenzene	*97*		*71 - 128*	*10/05/25 17:30*	*10/06/25 20:08*	*1*
Dibromofluoromethane (Surr)	*100*		*50 - 150*	*10/05/25 17:30*	*10/06/25 20:08*	*1*
Toluene-d8 (Surr)	*102*		*71 - 126*	*10/05/25 17:30*	*10/06/25 20:08*	*1*

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Percent Moisture (EPA Moisture)	**9.1**		1.0	1.0	%			10/05/25 17:30	1
Percent Solids (EPA Moisture)	**90.9**		1.0	1.0	%			10/05/25 17:30	1

Client Sample ID: 8A1_5-6
Date Collected: 10/01/25 11:25
Date Received: 10/01/25 16:15

Lab Sample ID: 460-336212-48
Matrix: Solid
Percent Solids: 90.2

Method: SW846 8260D - Volatile Organic Compounds by GC/MS

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1-Trichloroethane	0.00096	U	0.00096	0.00022	mg/Kg	☼	10/05/25 17:31	10/06/25 20:32	1
1,1,2,2-Tetrachloroethane	0.00096	U	0.00096	0.00050	mg/Kg	☼	10/05/25 17:31	10/06/25 20:32	1
1,1,2-Trichloro-1,2,2-trifluoroethane	0.00096	U	0.00096	0.00029	mg/Kg	☼	10/05/25 17:31	10/06/25 20:32	1
1,1,2-Trichloroethane	0.00096	U	0.00096	0.00058	mg/Kg	☼	10/05/25 17:31	10/06/25 20:32	1
1,1-Dichloroethane	0.00096	U	0.00096	0.00057	mg/Kg	☼	10/05/25 17:31	10/06/25 20:32	1
1,1-Dichloroethene	0.00096	U	0.00096	0.00022	mg/Kg	☼	10/05/25 17:31	10/06/25 20:32	1
1,2,3-Trichlorobenzene	0.00096	U	0.00096	0.00071	mg/Kg	☼	10/05/25 17:31	10/06/25 20:32	1
1,2,4-Trichlorobenzene	0.00096	U	0.00096	0.00034	mg/Kg	☼	10/05/25 17:31	10/06/25 20:32	1
1,2,4-Trimethylbenzene	0.00096	U	0.00096	0.00024	mg/Kg	☼	10/05/25 17:31	10/06/25 20:32	1
1,2-Dibromo-3-Chloropropane	0.00096	U	0.00096	0.00044	mg/Kg	☼	10/05/25 17:31	10/06/25 20:32	1
1,2-Dichlorobenzene	0.00096	U	0.00096	0.00035	mg/Kg	☼	10/05/25 17:31	10/06/25 20:32	1
1,2-Dichloroethane	0.00096	U	0.00096	0.00029	mg/Kg	☼	10/05/25 17:31	10/06/25 20:32	1
1,2-Dichloropropane	0.00096	U	0.00096	0.00041	mg/Kg	☼	10/05/25 17:31	10/06/25 20:32	1
1,3,5-Trimethylbenzene	0.00096	U	0.00096	0.00030	mg/Kg	☼	10/05/25 17:31	10/06/25 20:32	1
1,3-Dichlorobenzene	0.00096	U	0.00096	0.00035	mg/Kg	☼	10/05/25 17:31	10/06/25 20:32	1
1,4-Dichlorobenzene	0.00096	U	0.00096	0.00050	mg/Kg	☼	10/05/25 17:31	10/06/25 20:32	1
2-Butanone (MEK)	0.0048	U	0.0048	0.00035	mg/Kg	☼	10/05/25 17:31	10/06/25 20:32	1
2-Hexanone	0.0048	U	0.0048	0.0016	mg/Kg	☼	10/05/25 17:31	10/06/25 20:32	1
4-Methyl-2-pentanone (MIBK)	0.0048	U	0.0048	0.0015	mg/Kg	☼	10/05/25 17:31	10/06/25 20:32	1
Acetone	0.0058	U	0.0058	0.0055	mg/Kg	☼	10/05/25 17:31	10/06/25 20:32	1
Benzene	0.00096	U	0.00096	0.00055	mg/Kg	☼	10/05/25 17:31	10/06/25 20:32	1
Bromoform	0.00096	U	0.00096	0.00041	mg/Kg	☼	10/05/25 17:31	10/06/25 20:32	1
Bromomethane	0.0019	U	0.0019	0.00096	mg/Kg	☼	10/05/25 17:31	10/06/25 20:32	1
Carbon disulfide	0.00096	U	0.00096	0.00026	mg/Kg	☼	10/05/25 17:31	10/06/25 20:32	1
Carbon tetrachloride	0.00096	U	0.00096	0.00037	mg/Kg	☼	10/05/25 17:31	10/06/25 20:32	1
Chlorobenzene	0.00096	U	0.00096	0.00049	mg/Kg	☼	10/05/25 17:31	10/06/25 20:32	1
Chlorobromomethane	0.00096	U	0.00096	0.00057	mg/Kg	☼	10/05/25 17:31	10/06/25 20:32	1
Chlorodibromomethane	0.00096	U	0.00096	0.00052	mg/Kg	☼	10/05/25 17:31	10/06/25 20:32	1
Chloroethane	0.00096	U	0.00096	0.00050	mg/Kg	☼	10/05/25 17:31	10/06/25 20:32	1
Chloroform	0.00096	U	0.00096	0.00093	mg/Kg	☼	10/05/25 17:31	10/06/25 20:32	1
Chloromethane	0.00096	U	0.00096	0.00042	mg/Kg	☼	10/05/25 17:31	10/06/25 20:32	1
cis-1,2-Dichloroethene	0.00096	U	0.00096	0.00034	mg/Kg	☼	10/05/25 17:31	10/06/25 20:32	1
cis-1,3-Dichloropropene	0.00096	U	0.00096	0.00026	mg/Kg	☼	10/05/25 17:31	10/06/25 20:32	1
Cyclohexane	0.00096	U	0.00096	0.00021	mg/Kg	☼	10/05/25 17:31	10/06/25 20:32	1
Dichlorobromomethane	0.00096	U	0.00096	0.00025	mg/Kg	☼	10/05/25 17:31	10/06/25 20:32	1
Dichlorodifluoromethane	0.00096	U	0.00096	0.00033	mg/Kg	☼	10/05/25 17:31	10/06/25 20:32	1
Ethylbenzene	0.00096	U	0.00096	0.00045	mg/Kg	☼	10/05/25 17:31	10/06/25 20:32	1
Ethylene Dibromide	0.00096	U	0.00096	0.00049	mg/Kg	☼	10/05/25 17:31	10/06/25 20:32	1
Isopropylbenzene	0.00096	U	0.00096	0.00027	mg/Kg	☼	10/05/25 17:31	10/06/25 20:32	1
Methyl acetate	0.0048	U	0.0048	0.0041	mg/Kg	☼	10/05/25 17:31	10/06/25 20:32	1
Methyl tert-butyl ether	0.00096	U	0.00096	0.00049	mg/Kg	☼	10/05/25 17:31	10/06/25 20:32	1
Methylcyclohexane	0.00096	U	0.00096	0.00048	mg/Kg	☼	10/05/25 17:31	10/06/25 20:32	1
Methylene Chloride	**0.0039**		0.0019	0.0011	mg/Kg	☼	10/05/25 17:31	10/06/25 20:32	1
m-Xylene & p-Xylene	0.00096	U	0.00096	0.00041	mg/Kg	☼	10/05/25 17:31	10/06/25 20:32	1
n-Butylbenzene	0.00096	U	0.00096	0.00028	mg/Kg	☼	10/05/25 17:31	10/06/25 20:32	1
N-Propylbenzene	0.00096	U	0.00096	0.00043	mg/Kg	☼	10/05/25 17:31	10/06/25 20:32	1
o-Xylene	0.00096	U	0.00096	0.00044	mg/Kg	☼	10/05/25 17:31	10/06/25 20:32	1
sec-Butylbenzene	0.00096	U	0.00096	0.00028	mg/Kg	☼	10/05/25 17:31	10/06/25 20:32	1
Styrene	0.00096	U	0.00096	0.00027	mg/Kg	☼	10/05/25 17:31	10/06/25 20:32	1

Client Sample ID: 8A1_5-6

Lab Sample ID: 460-336212-48

Date Collected: 10/01/25 11:25
Matrix: Solid
Date Received: 10/01/25 16:15
Percent Solids: 90.2

Method: SW846 8260D - Volatile Organic Compounds by GC/MS (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
tert-Butylbenzene	0.00096	U	0.00096	0.00027	mg/Kg	☼	10/05/25 17:31	10/06/25 20:32	1
Tetrachloroethene	0.00096	U	0.00096	0.00029	mg/Kg	☼	10/05/25 17:31	10/06/25 20:32	1
Toluene	0.00096	U	0.00096	0.00023	mg/Kg	☼	10/05/25 17:31	10/06/25 20:32	1
trans-1,2-Dichloroethene	0.00096	U	0.00096	0.00024	mg/Kg	☼	10/05/25 17:31	10/06/25 20:32	1
trans-1,3-Dichloropropene	0.00096	U	0.00096	0.00026	mg/Kg	☼	10/05/25 17:31	10/06/25 20:32	1
Trichloroethene	0.00096	U	0.00096	0.00031	mg/Kg	☼	10/05/25 17:31	10/06/25 20:32	1
Trichlorofluoromethane	0.00096	U	0.00096	0.00039	mg/Kg	☼	10/05/25 17:31	10/06/25 20:32	1
Vinyl chloride	0.00096	U	0.00096	0.00053	mg/Kg	☼	10/05/25 17:31	10/06/25 20:32	1
Xylenes, Total	0.0019	U	0.0019	0.00017	mg/Kg	☼	10/05/25 17:31	10/06/25 20:32	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,2-Dichloroethane-d4 (Surr)	*103*		*65 - 138*	*10/05/25 17:31*	*10/06/25 20:32*	*1*
4-Bromofluorobenzene	*96*		*71 - 128*	*10/05/25 17:31*	*10/06/25 20:32*	*1*
Dibromofluoromethane (Surr)	*100*		*50 - 150*	*10/05/25 17:31*	*10/06/25 20:32*	*1*
Toluene-d8 (Surr)	*102*		*71 - 126*	*10/05/25 17:31*	*10/06/25 20:32*	*1*

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Percent Moisture (EPA Moisture)	**9.8**		1.0	1.0	%			10/05/25 17:30	1
Percent Solids (EPA Moisture)	**90.2**		1.0	1.0	%			10/05/25 17:30	1

Client Sample ID: 8A2_7-8

Lab Sample ID: 460-336212-49

Date Collected: 10/01/25 11:30
Matrix: Solid
Date Received: 10/01/25 16:15
Percent Solids: 91.5

Method: SW846 8260D - Volatile Organic Compounds by GC/MS

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1-Trichloroethane	0.0014	U	0.0014	0.00034	mg/Kg	☼	10/05/25 17:31	10/06/25 20:42	1
1,1,2,2-Tetrachloroethane	0.0014	U	0.0014	0.00075	mg/Kg	☼	10/05/25 17:31	10/06/25 20:42	1
1,1,2-Trichloro-1,2,2-trifluoroethane	0.0014	U	0.0014	0.00043	mg/Kg	☼	10/05/25 17:31	10/06/25 20:42	1
1,1,2-Trichloroethane	0.0014	U	0.0014	0.00087	mg/Kg	☼	10/05/25 17:31	10/06/25 20:42	1
1,1-Dichloroethane	0.0014	U	0.0014	0.00086	mg/Kg	☼	10/05/25 17:31	10/06/25 20:42	1
1,1-Dichloroethene	0.0014	U	0.0014	0.00032	mg/Kg	☼	10/05/25 17:31	10/06/25 20:42	1
1,2,3-Trichlorobenzene	0.0014	U	0.0014	0.0011	mg/Kg	☼	10/05/25 17:31	10/06/25 20:42	1
1,2,4-Trichlorobenzene	0.0014	U	0.0014	0.00052	mg/Kg	☼	10/05/25 17:31	10/06/25 20:42	1
1,2,4-Trimethylbenzene	0.0014	U	0.0014	0.00036	mg/Kg	☼	10/05/25 17:31	10/06/25 20:42	1
1,2-Dibromo-3-Chloropropane	0.0014	U	0.0014	0.00066	mg/Kg	☼	10/05/25 17:31	10/06/25 20:42	1
1,2-Dichlorobenzene	0.0014	U	0.0014	0.00052	mg/Kg	☼	10/05/25 17:31	10/06/25 20:42	1
1,2-Dichloroethane	0.0014	U	0.0014	0.00043	mg/Kg	☼	10/05/25 17:31	10/06/25 20:42	1
1,2-Dichloropropane	0.0014	U	0.0014	0.00061	mg/Kg	☼	10/05/25 17:31	10/06/25 20:42	1
1,3,5-Trimethylbenzene	0.0014	U	0.0014	0.00045	mg/Kg	☼	10/05/25 17:31	10/06/25 20:42	1
1,3-Dichlorobenzene	0.0014	U	0.0014	0.00053	mg/Kg	☼	10/05/25 17:31	10/06/25 20:42	1
1,4-Dichlorobenzene	0.0014	U	0.0014	0.00075	mg/Kg	☼	10/05/25 17:31	10/06/25 20:42	1
2-Butanone (MEK)	0.0072	U	0.0072	0.00053	mg/Kg	☼	10/05/25 17:31	10/06/25 20:42	1
2-Hexanone	0.0072	U	0.0072	0.0025	mg/Kg	☼	10/05/25 17:31	10/06/25 20:42	1
4-Methyl-2-pentanone (MIBK)	0.0072	U	0.0072	0.0022	mg/Kg	☼	10/05/25 17:31	10/06/25 20:42	1
Acetone	0.0087	U	0.0087	0.0083	mg/Kg	☼	10/05/25 17:31	10/06/25 20:42	1
Benzene	0.0014	U	0.0014	0.00082	mg/Kg	☼	10/05/25 17:31	10/06/25 20:42	1
Bromoform	0.0014	U	0.0014	0.00061	mg/Kg	☼	10/05/25 17:31	10/06/25 20:42	1
Bromomethane	0.0029	U	0.0029	0.0014	mg/Kg	☼	10/05/25 17:31	10/06/25 20:42	1

Client Sample ID: 8A2_7-8
Date Collected: 10/01/25 11:30
Date Received: 10/01/25 16:15

Lab Sample ID: 460-336212-49
Matrix: Solid
Percent Solids: 91.5

Method: SW846 8260D - Volatile Organic Compounds by GC/MS (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Carbon disulfide	0.0014	U	0.0014	0.00038	mg/Kg	☼	10/05/25 17:31	10/06/25 20:42	1
Carbon tetrachloride	0.0014	U	0.0014	0.00056	mg/Kg	☼	10/05/25 17:31	10/06/25 20:42	1
Chlorobenzene	0.0014	U	0.0014	0.00073	mg/Kg	☼	10/05/25 17:31	10/06/25 20:42	1
Chlorobromomethane	0.0014	U	0.0014	0.00086	mg/Kg	☼	10/05/25 17:31	10/06/25 20:42	1
Chlorodibromomethane	0.0014	U	0.0014	0.00078	mg/Kg	☼	10/05/25 17:31	10/06/25 20:42	1
Chloroethane	0.0014	U	0.0014	0.00075	mg/Kg	☼	10/05/25 17:31	10/06/25 20:42	1
Chloroform	0.0014	U	0.0014	0.0014	mg/Kg	☼	10/05/25 17:31	10/06/25 20:42	1
Chloromethane	0.0014	U	0.0014	0.00063	mg/Kg	☼	10/05/25 17:31	10/06/25 20:42	1
cis-1,2-Dichloroethene	0.0014	U	0.0014	0.00052	mg/Kg	☼	10/05/25 17:31	10/06/25 20:42	1
cis-1,3-Dichloropropene	0.0014	U	0.0014	0.00039	mg/Kg	☼	10/05/25 17:31	10/06/25 20:42	1
Cyclohexane	0.0014	U	0.0014	0.00032	mg/Kg	☼	10/05/25 17:31	10/06/25 20:42	1
Dichlorobromomethane	0.0014	U	0.0014	0.00037	mg/Kg	☼	10/05/25 17:31	10/06/25 20:42	1
Dichlorodifluoromethane	0.0014	U	0.0014	0.00049	mg/Kg	☼	10/05/25 17:31	10/06/25 20:42	1
Ethylbenzene	0.0014	U	0.0014	0.00068	mg/Kg	☼	10/05/25 17:31	10/06/25 20:42	1
Ethylene Dibromide	0.0014	U	0.0014	0.00073	mg/Kg	☼	10/05/25 17:31	10/06/25 20:42	1
Isopropylbenzene	0.0014	U	0.0014	0.00041	mg/Kg	☼	10/05/25 17:31	10/06/25 20:42	1
Methyl acetate	0.0072	U	0.0072	0.0062	mg/Kg	☼	10/05/25 17:31	10/06/25 20:42	1
Methyl tert-butyl ether	0.0014	U	0.0014	0.00074	mg/Kg	☼	10/05/25 17:31	10/06/25 20:42	1
Methylcyclohexane	0.0014	U	0.0014	0.00072	mg/Kg	☼	10/05/25 17:31	10/06/25 20:42	1
Methylene Chloride	**0.0029**		0.0029	0.0017	mg/Kg	☼	10/05/25 17:31	10/06/25 20:42	1
m-Xylene & p-Xylene	0.0014	U	0.0014	0.00061	mg/Kg	☼	10/05/25 17:31	10/06/25 20:42	1
n-Butylbenzene	0.0014	U	0.0014	0.00042	mg/Kg	☼	10/05/25 17:31	10/06/25 20:42	1
N-Propylbenzene	0.0014	U	0.0014	0.00065	mg/Kg	☼	10/05/25 17:31	10/06/25 20:42	1
o-Xylene	0.0014	U	0.0014	0.00067	mg/Kg	☼	10/05/25 17:31	10/06/25 20:42	1
sec-Butylbenzene	0.0014	U	0.0014	0.00042	mg/Kg	☼	10/05/25 17:31	10/06/25 20:42	1
Styrene	0.0014	U	0.0014	0.00040	mg/Kg	☼	10/05/25 17:31	10/06/25 20:42	1
tert-Butylbenzene	0.0014	U	0.0014	0.00040	mg/Kg	☼	10/05/25 17:31	10/06/25 20:42	1
Tetrachloroethene	0.0014	U	0.0014	0.00044	mg/Kg	☼	10/05/25 17:31	10/06/25 20:42	1
Toluene	0.0014	U	0.0014	0.00034	mg/Kg	☼	10/05/25 17:31	10/06/25 20:42	1
trans-1,2-Dichloroethene	0.0014	U	0.0014	0.00036	mg/Kg	☼	10/05/25 17:31	10/06/25 20:42	1
trans-1,3-Dichloropropene	0.0014	U	0.0014	0.00038	mg/Kg	☼	10/05/25 17:31	10/06/25 20:42	1
Trichloroethene	0.0014	U	0.0014	0.00046	mg/Kg	☼	10/05/25 17:31	10/06/25 20:42	1
Trichlorofluoromethane	0.0014	U	0.0014	0.00059	mg/Kg	☼	10/05/25 17:31	10/06/25 20:42	1
Vinyl chloride	0.0014	U	0.0014	0.00079	mg/Kg	☼	10/05/25 17:31	10/06/25 20:42	1
Xylenes, Total	0.0029	U	0.0029	0.00025	mg/Kg	☼	10/05/25 17:31	10/06/25 20:42	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,2-Dichloroethane-d4 (Surr)	*109*		*65 - 138*	*10/05/25 17:31*	*10/06/25 20:42*	*1*
4-Bromofluorobenzene	*99*		*71 - 128*	*10/05/25 17:31*	*10/06/25 20:42*	*1*
Dibromofluoromethane (Surr)	*115*		*50 - 150*	*10/05/25 17:31*	*10/06/25 20:42*	*1*
Toluene-d8 (Surr)	*96*		*71 - 126*	*10/05/25 17:31*	*10/06/25 20:42*	*1*

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Percent Moisture (EPA Moisture)	**8.5**		1.0	1.0	%			10/05/25 17:30	1
Percent Solids (EPA Moisture)	**91.5**		1.0	1.0	%			10/05/25 17:30	1

Client Sample ID: 8A3_8-9
Date Collected: 10/01/25 11:35
Date Received: 10/01/25 16:15

Lab Sample ID: 460-336212-50
Matrix: Solid
Percent Solids: 90.4

Method: SW846 8260D - Volatile Organic Compounds by GC/MS

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1-Trichloroethane	0.0011	U	0.0011	0.00025	mg/Kg	☼	10/05/25 17:32	10/06/25 21:05	1
1,1,2,2-Tetrachloroethane	0.0011	U	0.0011	0.00056	mg/Kg	☼	10/05/25 17:32	10/06/25 21:05	1
1,1,2-Trichloro-1,2,2-trifluoroethane	0.0011	U	0.0011	0.00032	mg/Kg	☼	10/05/25 17:32	10/06/25 21:05	1
1,1,2-Trichloroethane	0.0011	U	0.0011	0.00065	mg/Kg	☼	10/05/25 17:32	10/06/25 21:05	1
1,1-Dichloroethane	0.0011	U	0.0011	0.00064	mg/Kg	☼	10/05/25 17:32	10/06/25 21:05	1
1,1-Dichloroethene	0.0011	U	0.0011	0.00024	mg/Kg	☼	10/05/25 17:32	10/06/25 21:05	1
1,2,3-Trichlorobenzene	0.0011	U	0.0011	0.00079	mg/Kg	☼	10/05/25 17:32	10/06/25 21:05	1
1,2,4-Trichlorobenzene	0.0011	U	0.0011	0.00039	mg/Kg	☼	10/05/25 17:32	10/06/25 21:05	1
1,2,4-Trimethylbenzene	0.0011	U	0.0011	0.00026	mg/Kg	☼	10/05/25 17:32	10/06/25 21:05	1
1,2-Dibromo-3-Chloropropane	0.0011	U	0.0011	0.00050	mg/Kg	☼	10/05/25 17:32	10/06/25 21:05	1
1,2-Dichlorobenzene	0.0011	U	0.0011	0.00039	mg/Kg	☼	10/05/25 17:32	10/06/25 21:05	1
1,2-Dichloroethane	0.0011	U	0.0011	0.00032	mg/Kg	☼	10/05/25 17:32	10/06/25 21:05	1
1,2-Dichloropropane	0.0011	U	0.0011	0.00046	mg/Kg	☼	10/05/25 17:32	10/06/25 21:05	1
1,3,5-Trimethylbenzene	0.0011	U	0.0011	0.00034	mg/Kg	☼	10/05/25 17:32	10/06/25 21:05	1
1,3-Dichlorobenzene	0.0011	U	0.0011	0.00039	mg/Kg	☼	10/05/25 17:32	10/06/25 21:05	1
1,4-Dichlorobenzene	0.0011	U	0.0011	0.00056	mg/Kg	☼	10/05/25 17:32	10/06/25 21:05	1
2-Butanone (MEK)	0.0054	U	0.0054	0.00040	mg/Kg	☼	10/05/25 17:32	10/06/25 21:05	1
2-Hexanone	0.0054	U	0.0054	0.0018	mg/Kg	☼	10/05/25 17:32	10/06/25 21:05	1
4-Methyl-2-pentanone (MIBK)	0.0054	U	0.0054	0.0017	mg/Kg	☼	10/05/25 17:32	10/06/25 21:05	1
Acetone	0.0065	U	0.0065	0.0062	mg/Kg	☼	10/05/25 17:32	10/06/25 21:05	1
Benzene	0.0011	U	0.0011	0.00061	mg/Kg	☼	10/05/25 17:32	10/06/25 21:05	1
Bromoform	0.0011	U	0.0011	0.00046	mg/Kg	☼	10/05/25 17:32	10/06/25 21:05	1
Bromomethane	0.0022	U	0.0022	0.0011	mg/Kg	☼	10/05/25 17:32	10/06/25 21:05	1
Carbon disulfide	0.0011	U	0.0011	0.00029	mg/Kg	☼	10/05/25 17:32	10/06/25 21:05	1
Carbon tetrachloride	0.0011	U	0.0011	0.00042	mg/Kg	☼	10/05/25 17:32	10/06/25 21:05	1
Chlorobenzene	0.0011	U	0.0011	0.00055	mg/Kg	☼	10/05/25 17:32	10/06/25 21:05	1
Chlorobromomethane	0.0011	U	0.0011	0.00064	mg/Kg	☼	10/05/25 17:32	10/06/25 21:05	1
Chlorodibromomethane	0.0011	U	0.0011	0.00058	mg/Kg	☼	10/05/25 17:32	10/06/25 21:05	1
Chloroethane	0.0011	U	0.0011	0.00056	mg/Kg	☼	10/05/25 17:32	10/06/25 21:05	1
Chloroform	0.0011	U	0.0011	0.0010	mg/Kg	☼	10/05/25 17:32	10/06/25 21:05	1
Chloromethane	0.0011	U	0.0011	0.00047	mg/Kg	☼	10/05/25 17:32	10/06/25 21:05	1
cis-1,2-Dichloroethene	0.0011	U	0.0011	0.00039	mg/Kg	☼	10/05/25 17:32	10/06/25 21:05	1
cis-1,3-Dichloropropene	0.0011	U	0.0011	0.00029	mg/Kg	☼	10/05/25 17:32	10/06/25 21:05	1
Cyclohexane	0.0011	U	0.0011	0.00024	mg/Kg	☼	10/05/25 17:32	10/06/25 21:05	1
Dichlorobromomethane	0.0011	U	0.0011	0.00028	mg/Kg	☼	10/05/25 17:32	10/06/25 21:05	1
Dichlorodifluoromethane	0.0011	U	0.0011	0.00036	mg/Kg	☼	10/05/25 17:32	10/06/25 21:05	1
Ethylbenzene	0.0011	U	0.0011	0.00050	mg/Kg	☼	10/05/25 17:32	10/06/25 21:05	1
Ethylene Dibromide	0.0011	U	0.0011	0.00054	mg/Kg	☼	10/05/25 17:32	10/06/25 21:05	1
Isopropylbenzene	0.0011	U	0.0011	0.00031	mg/Kg	☼	10/05/25 17:32	10/06/25 21:05	1
Methyl acetate	0.0054	U	0.0054	0.0046	mg/Kg	☼	10/05/25 17:32	10/06/25 21:05	1
Methyl tert-butyl ether	0.0011	U	0.0011	0.00055	mg/Kg	☼	10/05/25 17:32	10/06/25 21:05	1
Methylcyclohexane	0.0011	U	0.0011	0.00054	mg/Kg	☼	10/05/25 17:32	10/06/25 21:05	1
Methylene Chloride	**0.0034**		0.0022	0.0012	mg/Kg	☼	10/05/25 17:32	10/06/25 21:05	1
m-Xylene & p-Xylene	0.0011	U	0.0011	0.00046	mg/Kg	☼	10/05/25 17:32	10/06/25 21:05	1
n-Butylbenzene	0.0011	U	0.0011	0.00032	mg/Kg	☼	10/05/25 17:32	10/06/25 21:05	1
N-Propylbenzene	0.0011	U	0.0011	0.00048	mg/Kg	☼	10/05/25 17:32	10/06/25 21:05	1
o-Xylene	0.0011	U	0.0011	0.00050	mg/Kg	☼	10/05/25 17:32	10/06/25 21:05	1
sec-Butylbenzene	0.0011	U	0.0011	0.00031	mg/Kg	☼	10/05/25 17:32	10/06/25 21:05	1
Styrene	0.0011	U	0.0011	0.00030	mg/Kg	☼	10/05/25 17:32	10/06/25 21:05	1

Client Sample ID: 8A3_8-9

Lab Sample ID: 460-336212-50

Date Collected: 10/01/25 11:35
Matrix: Solid
Date Received: 10/01/25 16:15
Percent Solids: 90.4

Method: SW846 8260D - Volatile Organic Compounds by GC/MS (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
tert-Butylbenzene	0.0011	U	0.0011	0.00030	mg/Kg	☼	10/05/25 17:32	10/06/25 21:05	1
Tetrachloroethene	0.0011	U	0.0011	0.00033	mg/Kg	☼	10/05/25 17:32	10/06/25 21:05	1
Toluene	0.0011	U	0.0011	0.00025	mg/Kg	☼	10/05/25 17:32	10/06/25 21:05	1
trans-1,2-Dichloroethene	0.0011	U	0.0011	0.00026	mg/Kg	☼	10/05/25 17:32	10/06/25 21:05	1
trans-1,3-Dichloropropene	0.0011	U	0.0011	0.00029	mg/Kg	☼	10/05/25 17:32	10/06/25 21:05	1
Trichloroethene	0.0011	U	0.0011	0.00035	mg/Kg	☼	10/05/25 17:32	10/06/25 21:05	1
Trichlorofluoromethane	0.0011	U	0.0011	0.00044	mg/Kg	☼	10/05/25 17:32	10/06/25 21:05	1
Vinyl chloride	0.0011	U	0.0011	0.00059	mg/Kg	☼	10/05/25 17:32	10/06/25 21:05	1
Xylenes, Total	0.0022	U	0.0022	0.00019	mg/Kg	☼	10/05/25 17:32	10/06/25 21:05	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,2-Dichloroethane-d4 (Surr)	*112*		*65 - 138*	*10/05/25 17:32*	*10/06/25 21:05*	*1*
4-Bromofluorobenzene	*100*		*71 - 128*	*10/05/25 17:32*	*10/06/25 21:05*	*1*
Dibromofluoromethane (Surr)	*115*		*50 - 150*	*10/05/25 17:32*	*10/06/25 21:05*	*1*
Toluene-d8 (Surr)	*95*		*71 - 126*	*10/05/25 17:32*	*10/06/25 21:05*	*1*

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Percent Moisture (EPA Moisture)	**9.6**		1.0	1.0	%			10/05/25 17:30	1
Percent Solids (EPA Moisture)	**90.4**		1.0	1.0	%			10/05/25 17:30	1

Client Sample ID: 8A1_9-10

Lab Sample ID: 460-336212-51

Date Collected: 10/01/25 11:40
Matrix: Solid
Date Received: 10/01/25 16:15
Percent Solids: 89.6

Method: SW846 8260D - Volatile Organic Compounds by GC/MS

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1-Trichloroethane	0.12	U	0.12	0.034	mg/Kg	☼	10/05/25 17:07	10/10/25 19:41	50
1,1,2,2-Tetrachloroethane	0.12	U	0.12	0.024	mg/Kg	☼	10/05/25 17:07	10/10/25 19:41	50
1,1,2-Trichloro-1,2,2-trifluoroethane	0.12	U	0.12	0.041	mg/Kg	☼	10/05/25 17:07	10/10/25 19:41	50
1,1,2-Trichloroethane	0.12	U	0.12	0.025	mg/Kg	☼	10/05/25 17:07	10/10/25 19:41	50
1,1-Dichloroethane	0.12	U	0.12	0.029	mg/Kg	☼	10/05/25 17:07	10/10/25 19:41	50
1,1-Dichloroethene	0.12	U	0.12	0.032	mg/Kg	☼	10/05/25 17:07	10/10/25 19:41	50
1,2,3-Trichlorobenzene	0.12	U	0.12	0.042	mg/Kg	☼	10/05/25 17:07	10/10/25 19:41	50
1,2,4-Trichlorobenzene	0.12	U	0.12	0.033	mg/Kg	☼	10/05/25 17:07	10/10/25 19:41	50
1,2,4-Trimethylbenzene	0.12	U	0.12	0.028	mg/Kg	☼	10/05/25 17:07	10/10/25 19:41	50
1,2-Dibromo-3-Chloropropane	0.12	U	0.12	0.026	mg/Kg	☼	10/05/25 17:07	10/10/25 19:41	50
1,2-Dichlorobenzene	0.12	U	0.12	0.027	mg/Kg	☼	10/05/25 17:07	10/10/25 19:41	50
1,2-Dichloroethane	0.12	U	0.12	0.030	mg/Kg	☼	10/05/25 17:07	10/10/25 19:41	50
1,2-Dichloropropane	0.12	U	0.12	0.022	mg/Kg	☼	10/05/25 17:07	10/10/25 19:41	50
1,3,5-Trimethylbenzene	0.12	U	0.12	0.030	mg/Kg	☼	10/05/25 17:07	10/10/25 19:41	50
1,3-Dichlorobenzene	0.12	U	0.12	0.040	mg/Kg	☼	10/05/25 17:07	10/10/25 19:41	50
1,4-Dichlorobenzene	0.12	U	0.12	0.040	mg/Kg	☼	10/05/25 17:07	10/10/25 19:41	50
2-Butanone (MEK)	0.60	U	0.60	0.27	mg/Kg	☼	10/05/25 17:07	10/10/25 19:41	50
2-Hexanone	0.60	U *	0.60	0.14	mg/Kg	☼	10/05/25 17:07	10/10/25 19:41	50
4-Methyl-2-pentanone (MIBK)	0.60	U	0.60	0.16	mg/Kg	☼	10/05/25 17:07	10/10/25 19:41	50
Acetone	0.60	U	0.60	0.53	mg/Kg	☼	10/05/25 17:07	10/10/25 19:41	50
Benzene	0.12	U	0.12	0.024	mg/Kg	☼	10/05/25 17:07	10/10/25 19:41	50
Bromoform	0.12	U	0.12	0.022	mg/Kg	☼	10/05/25 17:07	10/10/25 19:41	50
Bromomethane	0.12	U	0.12	0.067	mg/Kg	☼	10/05/25 17:07	10/10/25 19:41	50

Client Sample ID: 8A1_9-10
Date Collected: 10/01/25 11:40
Date Received: 10/01/25 16:15

Lab Sample ID: 460-336212-51
Matrix: Solid
Percent Solids: 89.6

Method: SW846 8260D - Volatile Organic Compounds by GC/MS (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Carbon disulfide	0.12	U	0.12	0.081	mg/Kg	☼	10/05/25 17:07	10/10/25 19:41	50
Carbon tetrachloride	0.12	U	0.12	0.040	mg/Kg	☼	10/05/25 17:07	10/10/25 19:41	50
Chlorobenzene	0.12	U	0.12	0.029	mg/Kg	☼	10/05/25 17:07	10/10/25 19:41	50
Chlorobromomethane	0.12	U	0.12	0.036	mg/Kg	☼	10/05/25 17:07	10/10/25 19:41	50
Chlorodibromomethane	0.12	U	0.12	0.027	mg/Kg	☼	10/05/25 17:07	10/10/25 19:41	50
Chloroethane	0.12	U	0.12	0.045	mg/Kg	☼	10/05/25 17:07	10/10/25 19:41	50
Chloroform	0.12	U	0.12	0.027	mg/Kg	☼	10/05/25 17:07	10/10/25 19:41	50
Chloromethane	0.12	U	0.12	0.048	mg/Kg	☼	10/05/25 17:07	10/10/25 19:41	50
cis-1,2-Dichloroethene	0.12	U	0.12	0.031	mg/Kg	☼	10/05/25 17:07	10/10/25 19:41	50
cis-1,3-Dichloropropene	0.12	U	0.12	0.027	mg/Kg	☼	10/05/25 17:07	10/10/25 19:41	50
Cyclohexane	0.12	U	0.12	0.031	mg/Kg	☼	10/05/25 17:07	10/10/25 19:41	50
Dichlorobromomethane	0.12	U	0.12	0.018	mg/Kg	☼	10/05/25 17:07	10/10/25 19:41	50
Dichlorodifluoromethane	0.12	U	0.12	0.037	mg/Kg	☼	10/05/25 17:07	10/10/25 19:41	50
Ethylbenzene	0.12	U	0.12	0.036	mg/Kg	☼	10/05/25 17:07	10/10/25 19:41	50
Ethylene Dibromide	0.12	U	0.12	0.023	mg/Kg	☼	10/05/25 17:07	10/10/25 19:41	50
Isopropylbenzene	0.12	U	0.12	0.039	mg/Kg	☼	10/05/25 17:07	10/10/25 19:41	50
Methyl acetate	0.60	U	0.60	0.094	mg/Kg	☼	10/05/25 17:07	10/10/25 19:41	50
Methyl tert-butyl ether	0.12	U	0.12	0.026	mg/Kg	☼	10/05/25 17:07	10/10/25 19:41	50
Methylcyclohexane	0.12	U	0.12	0.088	mg/Kg	☼	10/05/25 17:07	10/10/25 19:41	50
Methylene Chloride	0.12	U	0.12	0.025	mg/Kg	☼	10/05/25 17:07	10/10/25 19:41	50
m-Xylene & p-Xylene	0.12	U	0.12	0.034	mg/Kg	☼	10/05/25 17:07	10/10/25 19:41	50
n-Butylbenzene	0.12	U	0.12	0.033	mg/Kg	☼	10/05/25 17:07	10/10/25 19:41	50
N-Propylbenzene	0.12	U	0.12	0.035	mg/Kg	☼	10/05/25 17:07	10/10/25 19:41	50
o-Xylene	0.12	U	0.12	0.039	mg/Kg	☼	10/05/25 17:07	10/10/25 19:41	50
sec-Butylbenzene	0.12	U	0.12	0.037	mg/Kg	☼	10/05/25 17:07	10/10/25 19:41	50
Styrene	0.12	U	0.12	0.020	mg/Kg	☼	10/05/25 17:07	10/10/25 19:41	50
tert-Butylbenzene	0.12	U *	0.12	0.034	mg/Kg	☼	10/05/25 17:07	10/10/25 19:41	50
Tetrachloroethene	0.12	U	0.12	0.043	mg/Kg	☼	10/05/25 17:07	10/10/25 19:41	50
Toluene	0.12	U	0.12	0.030	mg/Kg	☼	10/05/25 17:07	10/10/25 19:41	50
trans-1,2-Dichloroethene	0.12	U	0.12	0.022	mg/Kg	☼	10/05/25 17:07	10/10/25 19:41	50
trans-1,3-Dichloropropene	0.12	U	0.12	0.027	mg/Kg	☼	10/05/25 17:07	10/10/25 19:41	50
Trichloroethene	0.12	U	0.12	0.027	mg/Kg	☼	10/05/25 17:07	10/10/25 19:41	50
Trichlorofluoromethane	0.12	U	0.12	0.039	mg/Kg	☼	10/05/25 17:07	10/10/25 19:41	50
Vinyl chloride	0.12	U	0.12	0.024	mg/Kg	☼	10/05/25 17:07	10/10/25 19:41	50
Xylenes, Total	0.24	U	0.24	0.034	mg/Kg	☼	10/05/25 17:07	10/10/25 19:41	50

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,2-Dichloroethane-d4 (Surr)	*107*		*60 - 150*	*10/05/25 17:07*	*10/10/25 19:41*	*50*
4-Bromofluorobenzene	*106*		*70 - 150*	*10/05/25 17:07*	*10/10/25 19:41*	*50*
Dibromofluoromethane (Surr)	*101*		*68 - 150*	*10/05/25 17:07*	*10/10/25 19:41*	*50*
Toluene-d8 (Surr)	*99*		*64 - 157*	*10/05/25 17:07*	*10/10/25 19:41*	*50*

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Percent Moisture (EPA Moisture)	**10.4**		1.0	1.0	%			10/05/25 17:30	1
Percent Solids (EPA Moisture)	**89.6**		1.0	1.0	%			10/05/25 17:30	1

Client Sample ID: 6A1_1-2
Date Collected: 10/01/25 13:25
Date Received: 10/01/25 16:15

Lab Sample ID: 460-336212-52
Matrix: Solid
Percent Solids: 94.9

Method: SW846 8260D - Volatile Organic Compounds by GC/MS

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1-Trichloroethane	0.0014	U	0.0014	0.00032	mg/Kg	☼	10/05/25 17:33	10/07/25 18:52	1
1,1,2,2-Tetrachloroethane	0.0014	U	0.0014	0.00072	mg/Kg	☼	10/05/25 17:33	10/07/25 18:52	1
1,1,2-Trichloro-1,2,2-trifluoroethane	0.0014	U	0.0014	0.00041	mg/Kg	☼	10/05/25 17:33	10/07/25 18:52	1
1,1,2-Trichloroethane	0.0014	U	0.0014	0.00082	mg/Kg	☼	10/05/25 17:33	10/07/25 18:52	1
1,1-Dichloroethane	0.0014	U	0.0014	0.00082	mg/Kg	☼	10/05/25 17:33	10/07/25 18:52	1
1,1-Dichloroethene	0.0014	U	0.0014	0.00031	mg/Kg	☼	10/05/25 17:33	10/07/25 18:52	1
1,2,3-Trichlorobenzene	0.0014	U	0.0014	0.0010	mg/Kg	☼	10/05/25 17:33	10/07/25 18:52	1
1,2,4-Trichlorobenzene	0.0014	U	0.0014	0.00049	mg/Kg	☼	10/05/25 17:33	10/07/25 18:52	1
1,2,4-Trimethylbenzene	0.0014	U	0.0014	0.00034	mg/Kg	☼	10/05/25 17:33	10/07/25 18:52	1
1,2-Dibromo-3-Chloropropane	0.0014	U	0.0014	0.00063	mg/Kg	☼	10/05/25 17:33	10/07/25 18:52	1
1,2-Dichlorobenzene	0.0014	U	0.0014	0.00049	mg/Kg	☼	10/05/25 17:33	10/07/25 18:52	1
1,2-Dichloroethane	0.0014	U	0.0014	0.00041	mg/Kg	☼	10/05/25 17:33	10/07/25 18:52	1
1,2-Dichloropropane	0.0014	U	0.0014	0.00058	mg/Kg	☼	10/05/25 17:33	10/07/25 18:52	1
1,3,5-Trimethylbenzene	0.0014	U	0.0014	0.00043	mg/Kg	☼	10/05/25 17:33	10/07/25 18:52	1
1,3-Dichlorobenzene	0.0014	U	0.0014	0.00050	mg/Kg	☼	10/05/25 17:33	10/07/25 18:52	1
1,4-Dichlorobenzene	0.0014	U	0.0014	0.00071	mg/Kg	☼	10/05/25 17:33	10/07/25 18:52	1
2-Butanone (MEK)	0.0069	U	0.0069	0.00050	mg/Kg	☼	10/05/25 17:33	10/07/25 18:52	1
2-Hexanone	0.0069	U	0.0069	0.0023	mg/Kg	☼	10/05/25 17:33	10/07/25 18:52	1
4-Methyl-2-pentanone (MIBK)	0.0069	U	0.0069	0.0021	mg/Kg	☼	10/05/25 17:33	10/07/25 18:52	1
Acetone	0.0082	U	0.0082	0.0078	mg/Kg	☼	10/05/25 17:33	10/07/25 18:52	1
Benzene	0.0014	U	0.0014	0.00078	mg/Kg	☼	10/05/25 17:33	10/07/25 18:52	1
Bromoform	0.0014	U	0.0014	0.00058	mg/Kg	☼	10/05/25 17:33	10/07/25 18:52	1
Bromomethane	0.0027	U	0.0027	0.0014	mg/Kg	☼	10/05/25 17:33	10/07/25 18:52	1
Carbon disulfide	0.0014	U	0.0014	0.00036	mg/Kg	☼	10/05/25 17:33	10/07/25 18:52	1
Carbon tetrachloride	0.0014	U	0.0014	0.00053	mg/Kg	☼	10/05/25 17:33	10/07/25 18:52	1
Chlorobenzene	0.0014	U	0.0014	0.00070	mg/Kg	☼	10/05/25 17:33	10/07/25 18:52	1
Chlorobromomethane	0.0014	U	0.0014	0.00082	mg/Kg	☼	10/05/25 17:33	10/07/25 18:52	1
Chlorodibromomethane	0.0014	U	0.0014	0.00074	mg/Kg	☼	10/05/25 17:33	10/07/25 18:52	1
Chloroethane	0.0014	U	0.0014	0.00072	mg/Kg	☼	10/05/25 17:33	10/07/25 18:52	1
Chloroform	0.0014	U	0.0014	0.0013	mg/Kg	☼	10/05/25 17:33	10/07/25 18:52	1
Chloromethane	0.0014	U	0.0014	0.00060	mg/Kg	☼	10/05/25 17:33	10/07/25 18:52	1
cis-1,2-Dichloroethene	0.0014	U	0.0014	0.00049	mg/Kg	☼	10/05/25 17:33	10/07/25 18:52	1
cis-1,3-Dichloropropene	0.0014	U	0.0014	0.00037	mg/Kg	☼	10/05/25 17:33	10/07/25 18:52	1
Cyclohexane	0.0014	U	0.0014	0.00030	mg/Kg	☼	10/05/25 17:33	10/07/25 18:52	1
Dichlorobromomethane	0.0014	U	0.0014	0.00035	mg/Kg	☼	10/05/25 17:33	10/07/25 18:52	1
Dichlorodifluoromethane	0.0014	U *	0.0014	0.00046	mg/Kg	☼	10/05/25 17:33	10/07/25 18:52	1
Ethylbenzene	0.0014	U	0.0014	0.00064	mg/Kg	☼	10/05/25 17:33	10/07/25 18:52	1
Ethylene Dibromide	0.0014	U	0.0014	0.00069	mg/Kg	☼	10/05/25 17:33	10/07/25 18:52	1
Isopropylbenzene	0.0014	U	0.0014	0.00039	mg/Kg	☼	10/05/25 17:33	10/07/25 18:52	1
Methyl acetate	0.0069	U	0.0069	0.0059	mg/Kg	☼	10/05/25 17:33	10/07/25 18:52	1
Methyl tert-butyl ether	0.0014	U	0.0014	0.00070	mg/Kg	☼	10/05/25 17:33	10/07/25 18:52	1
Methylcyclohexane	0.0014	U	0.0014	0.00068	mg/Kg	☼	10/05/25 17:33	10/07/25 18:52	1
Methylene Chloride	**0.0034**		0.0027	0.0016	mg/Kg	☼	10/05/25 17:33	10/07/25 18:52	1
m-Xylene & p-Xylene	0.0014	U	0.0014	0.00058	mg/Kg	☼	10/05/25 17:33	10/07/25 18:52	1
n-Butylbenzene	0.0014	U	0.0014	0.00040	mg/Kg	☼	10/05/25 17:33	10/07/25 18:52	1
N-Propylbenzene	0.0014	U	0.0014	0.00062	mg/Kg	☼	10/05/25 17:33	10/07/25 18:52	1
o-Xylene	0.0014	U	0.0014	0.00063	mg/Kg	☼	10/05/25 17:33	10/07/25 18:52	1
sec-Butylbenzene	0.0014	U	0.0014	0.00039	mg/Kg	☼	10/05/25 17:33	10/07/25 18:52	1
Styrene	0.0014	U	0.0014	0.00038	mg/Kg	☼	10/05/25 17:33	10/07/25 18:52	1

Client Sample ID: 6A1_1-2

Date Collected: 10/01/25 13:25
Date Received: 10/01/25 16:15

Lab Sample ID: 460-336212-52

Matrix: Solid
Percent Solids: 94.9

Method: SW846 8260D - Volatile Organic Compounds by GC/MS (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
tert-Butylbenzene	0.0014	U	0.0014	0.00038	mg/Kg	☼	10/05/25 17:33	10/07/25 18:52	1
Tetrachloroethene	0.0014	U	0.0014	0.00042	mg/Kg	☼	10/05/25 17:33	10/07/25 18:52	1
Toluene	0.0014	U	0.0014	0.00032	mg/Kg	☼	10/05/25 17:33	10/07/25 18:52	1
trans-1,2-Dichloroethene	0.0014	U	0.0014	0.00034	mg/Kg	☼	10/05/25 17:33	10/07/25 18:52	1
trans-1,3-Dichloropropene	0.0014	U	0.0014	0.00036	mg/Kg	☼	10/05/25 17:33	10/07/25 18:52	1
Trichloroethene	0.0014	U	0.0014	0.00044	mg/Kg	☼	10/05/25 17:33	10/07/25 18:52	1
Trichlorofluoromethane	0.0014	U	0.0014	0.00056	mg/Kg	☼	10/05/25 17:33	10/07/25 18:52	1
Vinyl chloride	0.0014	U	0.0014	0.00075	mg/Kg	☼	10/05/25 17:33	10/07/25 18:52	1
Xylenes, Total	0.0027	U	0.0027	0.00024	mg/Kg	☼	10/05/25 17:33	10/07/25 18:52	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,2-Dichloroethane-d4 (Surr)	*110*		*65 - 138*	*10/05/25 17:33*	*10/07/25 18:52*	*1*
4-Bromofluorobenzene	*99*		*71 - 128*	*10/05/25 17:33*	*10/07/25 18:52*	*1*
Dibromofluoromethane (Surr)	*116*		*50 - 150*	*10/05/25 17:33*	*10/07/25 18:52*	*1*
Toluene-d8 (Surr)	*95*		*71 - 126*	*10/05/25 17:33*	*10/07/25 18:52*	*1*

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Percent Moisture (EPA Moisture)	**5.1**		1.0	1.0	%			10/05/25 17:30	1
Percent Solids (EPA Moisture)	**94.9**		1.0	1.0	%			10/05/25 17:30	1

Client Sample ID: 6A2_2-3

Date Collected: 10/01/25 13:30
Date Received: 10/01/25 16:15

Lab Sample ID: 460-336212-53

Matrix: Solid
Percent Solids: 92.4

Method: SW846 8260D - Volatile Organic Compounds by GC/MS

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1-Trichloroethane	0.00097	U	0.00097	0.00023	mg/Kg	☼	10/05/25 17:33	10/07/25 18:29	1
1,1,2,2-Tetrachloroethane	0.00097	U	0.00097	0.00050	mg/Kg	☼	10/05/25 17:33	10/07/25 18:29	1
1,1,2-Trichloro-1,2,2-trifluoroethane	0.00097	U	0.00097	0.00029	mg/Kg	☼	10/05/25 17:33	10/07/25 18:29	1
1,1,2-Trichloroethane	0.00097	U	0.00097	0.00058	mg/Kg	☼	10/05/25 17:33	10/07/25 18:29	1
1,1-Dichloroethane	0.00097	U	0.00097	0.00058	mg/Kg	☼	10/05/25 17:33	10/07/25 18:29	1
1,1-Dichloroethene	0.00097	U	0.00097	0.00022	mg/Kg	☼	10/05/25 17:33	10/07/25 18:29	1
1,2,3-Trichlorobenzene	0.00097	U	0.00097	0.00071	mg/Kg	☼	10/05/25 17:33	10/07/25 18:29	1
1,2,4-Trichlorobenzene	0.00097	U	0.00097	0.00035	mg/Kg	☼	10/05/25 17:33	10/07/25 18:29	1
1,2,4-Trimethylbenzene	0.00097	U	0.00097	0.00024	mg/Kg	☼	10/05/25 17:33	10/07/25 18:29	1
1,2-Dibromo-3-Chloropropane	0.00097	U	0.00097	0.00044	mg/Kg	☼	10/05/25 17:33	10/07/25 18:29	1
1,2-Dichlorobenzene	0.00097	U	0.00097	0.00035	mg/Kg	☼	10/05/25 17:33	10/07/25 18:29	1
1,2-Dichloroethane	0.00097	U	0.00097	0.00029	mg/Kg	☼	10/05/25 17:33	10/07/25 18:29	1
1,2-Dichloropropane	0.00097	U	0.00097	0.00041	mg/Kg	☼	10/05/25 17:33	10/07/25 18:29	1
1,3,5-Trimethylbenzene	0.00097	U	0.00097	0.00030	mg/Kg	☼	10/05/25 17:33	10/07/25 18:29	1
1,3-Dichlorobenzene	0.00097	U	0.00097	0.00035	mg/Kg	☼	10/05/25 17:33	10/07/25 18:29	1
1,4-Dichlorobenzene	0.00097	U	0.00097	0.00050	mg/Kg	☼	10/05/25 17:33	10/07/25 18:29	1
2-Butanone (MEK)	0.0048	U	0.0048	0.00036	mg/Kg	☼	10/05/25 17:33	10/07/25 18:29	1
2-Hexanone	0.0048	U	0.0048	0.0017	mg/Kg	☼	10/05/25 17:33	10/07/25 18:29	1
4-Methyl-2-pentanone (MIBK)	0.0048	U	0.0048	0.0015	mg/Kg	☼	10/05/25 17:33	10/07/25 18:29	1
Acetone	0.0058	U	0.0058	0.0055	mg/Kg	☼	10/05/25 17:33	10/07/25 18:29	1
Benzene	0.00097	U	0.00097	0.00055	mg/Kg	☼	10/05/25 17:33	10/07/25 18:29	1
Bromoform	0.00097	U	0.00097	0.00041	mg/Kg	☼	10/05/25 17:33	10/07/25 18:29	1
Bromomethane	0.0019	U	0.0019	0.00097	mg/Kg	☼	10/05/25 17:33	10/07/25 18:29	1

Client Sample ID: 6A2_2-3
Date Collected: 10/01/25 13:30
Date Received: 10/01/25 16:15

Lab Sample ID: 460-336212-53
Matrix: Solid
Percent Solids: 92.4

Method: SW846 8260D - Volatile Organic Compounds by GC/MS (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Carbon disulfide	0.00097	U	0.00097	0.00026	mg/Kg	☼	10/05/25 17:33	10/07/25 18:29	1
Carbon tetrachloride	0.00097	U	0.00097	0.00037	mg/Kg	☼	10/05/25 17:33	10/07/25 18:29	1
Chlorobenzene	0.00097	U	0.00097	0.00049	mg/Kg	☼	10/05/25 17:33	10/07/25 18:29	1
Chlorobromomethane	0.00097	U	0.00097	0.00058	mg/Kg	☼	10/05/25 17:33	10/07/25 18:29	1
Chlorodibromomethane	0.00097	U	0.00097	0.00052	mg/Kg	☼	10/05/25 17:33	10/07/25 18:29	1
Chloroethane	0.00097	U	0.00097	0.00050	mg/Kg	☼	10/05/25 17:33	10/07/25 18:29	1
Chloroform	0.00097	U	0.00097	0.00094	mg/Kg	☼	10/05/25 17:33	10/07/25 18:29	1
Chloromethane	0.00097	U	0.00097	0.00042	mg/Kg	☼	10/05/25 17:33	10/07/25 18:29	1
cis-1,2-Dichloroethene	0.00097	U	0.00097	0.00035	mg/Kg	☼	10/05/25 17:33	10/07/25 18:29	1
cis-1,3-Dichloropropene	0.00097	U	0.00097	0.00026	mg/Kg	☼	10/05/25 17:33	10/07/25 18:29	1
Cyclohexane	0.00097	U	0.00097	0.00021	mg/Kg	☼	10/05/25 17:33	10/07/25 18:29	1
Dichlorobromomethane	0.00097	U	0.00097	0.00025	mg/Kg	☼	10/05/25 17:33	10/07/25 18:29	1
Dichlorodifluoromethane	0.00097	U *	0.00097	0.00033	mg/Kg	☼	10/05/25 17:33	10/07/25 18:29	1
Ethylbenzene	0.00097	U	0.00097	0.00045	mg/Kg	☼	10/05/25 17:33	10/07/25 18:29	1
Ethylene Dibromide	0.00097	U	0.00097	0.00049	mg/Kg	☼	10/05/25 17:33	10/07/25 18:29	1
Isopropylbenzene	0.00097	U	0.00097	0.00028	mg/Kg	☼	10/05/25 17:33	10/07/25 18:29	1
Methyl acetate	0.0048	U	0.0048	0.0042	mg/Kg	☼	10/05/25 17:33	10/07/25 18:29	1
Methyl tert-butyl ether	0.00097	U	0.00097	0.00050	mg/Kg	☼	10/05/25 17:33	10/07/25 18:29	1
Methylcyclohexane	0.00097	U	0.00097	0.00048	mg/Kg	☼	10/05/25 17:33	10/07/25 18:29	1
Methylene Chloride	**0.0033**		0.0019	0.0011	mg/Kg	☼	10/05/25 17:33	10/07/25 18:29	1
m-Xylene & p-Xylene	0.00097	U	0.00097	0.00041	mg/Kg	☼	10/05/25 17:33	10/07/25 18:29	1
n-Butylbenzene	0.00097	U	0.00097	0.00028	mg/Kg	☼	10/05/25 17:33	10/07/25 18:29	1
N-Propylbenzene	0.00097	U	0.00097	0.00043	mg/Kg	☼	10/05/25 17:33	10/07/25 18:29	1
o-Xylene	0.00097	U	0.00097	0.00045	mg/Kg	☼	10/05/25 17:33	10/07/25 18:29	1
sec-Butylbenzene	0.00097	U	0.00097	0.00028	mg/Kg	☼	10/05/25 17:33	10/07/25 18:29	1
Styrene	0.00097	U	0.00097	0.00027	mg/Kg	☼	10/05/25 17:33	10/07/25 18:29	1
tert-Butylbenzene	0.00097	U	0.00097	0.00027	mg/Kg	☼	10/05/25 17:33	10/07/25 18:29	1
Tetrachloroethene	0.00097	U	0.00097	0.00030	mg/Kg	☼	10/05/25 17:33	10/07/25 18:29	1
Toluene	0.00097	U	0.00097	0.00023	mg/Kg	☼	10/05/25 17:33	10/07/25 18:29	1
trans-1,2-Dichloroethene	0.00097	U	0.00097	0.00024	mg/Kg	☼	10/05/25 17:33	10/07/25 18:29	1
trans-1,3-Dichloropropene	0.00097	U	0.00097	0.00026	mg/Kg	☼	10/05/25 17:33	10/07/25 18:29	1
Trichloroethene	0.00097	U	0.00097	0.00031	mg/Kg	☼	10/05/25 17:33	10/07/25 18:29	1
Trichlorofluoromethane	0.00097	U	0.00097	0.00039	mg/Kg	☼	10/05/25 17:33	10/07/25 18:29	1
Vinyl chloride	0.00097	U	0.00097	0.00053	mg/Kg	☼	10/05/25 17:33	10/07/25 18:29	1
Xylenes, Total	0.0019	U	0.0019	0.00017	mg/Kg	☼	10/05/25 17:33	10/07/25 18:29	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,2-Dichloroethane-d4 (Surr)	*111*		*65 - 138*	*10/05/25 17:33*	*10/07/25 18:29*	*1*
4-Bromofluorobenzene	*98*		*71 - 128*	*10/05/25 17:33*	*10/07/25 18:29*	*1*
Dibromofluoromethane (Surr)	*116*		*50 - 150*	*10/05/25 17:33*	*10/07/25 18:29*	*1*
Toluene-d8 (Surr)	*95*		*71 - 126*	*10/05/25 17:33*	*10/07/25 18:29*	*1*

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Percent Moisture (EPA Moisture)	**7.6**		1.0	1.0	%			10/05/25 17:33	1
Percent Solids (EPA Moisture)	**92.4**		1.0	1.0	%			10/05/25 17:33	1

Client Sample ID: 6A3_4-5
Date Collected: 10/01/25 13:35
Date Received: 10/01/25 16:15

Lab Sample ID: 460-336212-54
Matrix: Solid
Percent Solids: 93.6

Method: SW846 8260D - Volatile Organic Compounds by GC/MS

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1-Trichloroethane	0.00061	U	0.00061	0.00014	mg/Kg	☼	10/05/25 17:34	10/06/25 22:53	1
1,1,2,2-Tetrachloroethane	0.00061	U	0.00061	0.00032	mg/Kg	☼	10/05/25 17:34	10/06/25 22:53	1
1,1,2-Trichloro-1,2,2-trifluoroethane	0.00061	U	0.00061	0.00018	mg/Kg	☼	10/05/25 17:34	10/06/25 22:53	1
1,1,2-Trichloroethane	0.00061	U	0.00061	0.00036	mg/Kg	☼	10/05/25 17:34	10/06/25 22:53	1
1,1-Dichloroethane	0.00061	U	0.00061	0.00036	mg/Kg	☼	10/05/25 17:34	10/06/25 22:53	1
1,1-Dichloroethene	0.00061	U	0.00061	0.00014	mg/Kg	☼	10/05/25 17:34	10/06/25 22:53	1
1,2,3-Trichlorobenzene	0.00061	U	0.00061	0.00045	mg/Kg	☼	10/05/25 17:34	10/06/25 22:53	1
1,2,4-Trichlorobenzene	0.00061	U	0.00061	0.00022	mg/Kg	☼	10/05/25 17:34	10/06/25 22:53	1
1,2,4-Trimethylbenzene	0.00061	U	0.00061	0.00015	mg/Kg	☼	10/05/25 17:34	10/06/25 22:53	1
1,2-Dibromo-3-Chloropropane	0.00061	U	0.00061	0.00028	mg/Kg	☼	10/05/25 17:34	10/06/25 22:53	1
1,2-Dichlorobenzene	0.00061	U	0.00061	0.00022	mg/Kg	☼	10/05/25 17:34	10/06/25 22:53	1
1,2-Dichloroethane	0.00061	U	0.00061	0.00018	mg/Kg	☼	10/05/25 17:34	10/06/25 22:53	1
1,2-Dichloropropane	0.00061	U	0.00061	0.00026	mg/Kg	☼	10/05/25 17:34	10/06/25 22:53	1
1,3,5-Trimethylbenzene	0.00061	U	0.00061	0.00019	mg/Kg	☼	10/05/25 17:34	10/06/25 22:53	1
1,3-Dichlorobenzene	0.00061	U	0.00061	0.00022	mg/Kg	☼	10/05/25 17:34	10/06/25 22:53	1
1,4-Dichlorobenzene	0.00061	U	0.00061	0.00031	mg/Kg	☼	10/05/25 17:34	10/06/25 22:53	1
2-Butanone (MEK)	0.0030	U	0.0030	0.00022	mg/Kg	☼	10/05/25 17:34	10/06/25 22:53	1
2-Hexanone	0.0030	U	0.0030	0.0010	mg/Kg	☼	10/05/25 17:34	10/06/25 22:53	1
4-Methyl-2-pentanone (MIBK)	0.0030	U	0.0030	0.00094	mg/Kg	☼	10/05/25 17:34	10/06/25 22:53	1
Acetone	0.0036	U	0.0036	0.0035	mg/Kg	☼	10/05/25 17:34	10/06/25 22:53	1
Benzene	0.00061	U	0.00061	0.00034	mg/Kg	☼	10/05/25 17:34	10/06/25 22:53	1
Bromoform	0.00061	U	0.00061	0.00026	mg/Kg	☼	10/05/25 17:34	10/06/25 22:53	1
Bromomethane	0.0012	U	0.0012	0.00061	mg/Kg	☼	10/05/25 17:34	10/06/25 22:53	1
Carbon disulfide	0.00061	U	0.00061	0.00016	mg/Kg	☼	10/05/25 17:34	10/06/25 22:53	1
Carbon tetrachloride	0.00061	U	0.00061	0.00023	mg/Kg	☼	10/05/25 17:34	10/06/25 22:53	1
Chlorobenzene	0.00061	U	0.00061	0.00031	mg/Kg	☼	10/05/25 17:34	10/06/25 22:53	1
Chlorobromomethane	0.00061	U	0.00061	0.00036	mg/Kg	☼	10/05/25 17:34	10/06/25 22:53	1
Chlorodibromomethane	0.00061	U	0.00061	0.00033	mg/Kg	☼	10/05/25 17:34	10/06/25 22:53	1
Chloroethane	0.00061	U	0.00061	0.00032	mg/Kg	☼	10/05/25 17:34	10/06/25 22:53	1
Chloroform	0.00061	U	0.00061	0.00059	mg/Kg	☼	10/05/25 17:34	10/06/25 22:53	1
Chloromethane	0.00061	U	0.00061	0.00026	mg/Kg	☼	10/05/25 17:34	10/06/25 22:53	1
cis-1,2-Dichloroethene	0.00061	U	0.00061	0.00022	mg/Kg	☼	10/05/25 17:34	10/06/25 22:53	1
cis-1,3-Dichloropropene	0.00061	U	0.00061	0.00017	mg/Kg	☼	10/05/25 17:34	10/06/25 22:53	1
Cyclohexane	0.00061	U	0.00061	0.00013	mg/Kg	☼	10/05/25 17:34	10/06/25 22:53	1
Dichlorobromomethane	0.00061	U	0.00061	0.00016	mg/Kg	☼	10/05/25 17:34	10/06/25 22:53	1
Dichlorodifluoromethane	0.00061	U	0.00061	0.00020	mg/Kg	☼	10/05/25 17:34	10/06/25 22:53	1
Ethylbenzene	0.00061	U	0.00061	0.00028	mg/Kg	☼	10/05/25 17:34	10/06/25 22:53	1
Ethylene Dibromide	0.00061	U	0.00061	0.00031	mg/Kg	☼	10/05/25 17:34	10/06/25 22:53	1
Isopropylbenzene	0.00061	U	0.00061	0.00017	mg/Kg	☼	10/05/25 17:34	10/06/25 22:53	1
Methyl acetate	0.0030	U	0.0030	0.0026	mg/Kg	☼	10/05/25 17:34	10/06/25 22:53	1
Methyl tert-butyl ether	0.00061	U	0.00061	0.00031	mg/Kg	☼	10/05/25 17:34	10/06/25 22:53	1
Methylcyclohexane	0.00061	U	0.00061	0.00030	mg/Kg	☼	10/05/25 17:34	10/06/25 22:53	1
Methylene Chloride	**0.0022**		0.0012	0.00069	mg/Kg	☼	10/05/25 17:34	10/06/25 22:53	1
m-Xylene & p-Xylene	0.00061	U	0.00061	0.00026	mg/Kg	☼	10/05/25 17:34	10/06/25 22:53	1
n-Butylbenzene	0.00061	U	0.00061	0.00018	mg/Kg	☼	10/05/25 17:34	10/06/25 22:53	1
N-Propylbenzene	0.00061	U	0.00061	0.00027	mg/Kg	☼	10/05/25 17:34	10/06/25 22:53	1
o-Xylene	0.00061	U	0.00061	0.00028	mg/Kg	☼	10/05/25 17:34	10/06/25 22:53	1
sec-Butylbenzene	0.00061	U	0.00061	0.00017	mg/Kg	☼	10/05/25 17:34	10/06/25 22:53	1
Styrene	0.00061	U	0.00061	0.00017	mg/Kg	☼	10/05/25 17:34	10/06/25 22:53	1

Client Sample ID: 6A3_4-5

Date Collected: 10/01/25 13:35
Date Received: 10/01/25 16:15

Lab Sample ID: 460-336212-54

Matrix: Solid
Percent Solids: 93.6

Method: SW846 8260D - Volatile Organic Compounds by GC/MS (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
tert-Butylbenzene	0.00061	U	0.00061	0.00017	mg/Kg	☼	10/05/25 17:34	10/06/25 22:53	1
Tetrachloroethene	0.00061	U	0.00061	0.00018	mg/Kg	☼	10/05/25 17:34	10/06/25 22:53	1
Toluene	0.00061	U	0.00061	0.00014	mg/Kg	☼	10/05/25 17:34	10/06/25 22:53	1
trans-1,2-Dichloroethene	0.00061	U	0.00061	0.00015	mg/Kg	☼	10/05/25 17:34	10/06/25 22:53	1
trans-1,3-Dichloropropene	0.00061	U	0.00061	0.00016	mg/Kg	☼	10/05/25 17:34	10/06/25 22:53	1
Trichloroethene	0.00061	U	0.00061	0.00019	mg/Kg	☼	10/05/25 17:34	10/06/25 22:53	1
Trichlorofluoromethane	0.00061	U	0.00061	0.00025	mg/Kg	☼	10/05/25 17:34	10/06/25 22:53	1
Vinyl chloride	0.00061	U	0.00061	0.00033	mg/Kg	☼	10/05/25 17:34	10/06/25 22:53	1
Xylenes, Total	0.0012	U	0.0012	0.00011	mg/Kg	☼	10/05/25 17:34	10/06/25 22:53	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,2-Dichloroethane-d4 (Surr)	*113*		*65 - 138*	*10/05/25 17:34*	*10/06/25 22:53*	*1*
4-Bromofluorobenzene	*100*		*71 - 128*	*10/05/25 17:34*	*10/06/25 22:53*	*1*
Dibromofluoromethane (Surr)	*117*		*50 - 150*	*10/05/25 17:34*	*10/06/25 22:53*	*1*
Toluene-d8 (Surr)	*95*		*71 - 126*	*10/05/25 17:34*	*10/06/25 22:53*	*1*

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Percent Moisture (EPA Moisture)	**6.4**		1.0	1.0	%			10/05/25 17:33	1
Percent Solids (EPA Moisture)	**93.6**		1.0	1.0	%			10/05/25 17:33	1

Client Sample ID: 6A1_5-6

Date Collected: 10/01/25 13:40
Date Received: 10/01/25 16:15

Lab Sample ID: 460-336212-55

Matrix: Solid
Percent Solids: 86.9

Method: SW846 8260D - Volatile Organic Compounds by GC/MS

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1-Trichloroethane	0.0011	U	0.0011	0.00026	mg/Kg	☼	10/05/25 17:34	10/06/25 23:16	1
1,1,2,2-Tetrachloroethane	0.0011	U	0.0011	0.00058	mg/Kg	☼	10/05/25 17:34	10/06/25 23:16	1
1,1,2-Trichloro-1,2,2-trifluoroethane	0.0011	U	0.0011	0.00033	mg/Kg	☼	10/05/25 17:34	10/06/25 23:16	1
1,1,2-Trichloroethane	0.0011	U	0.0011	0.00066	mg/Kg	☼	10/05/25 17:34	10/06/25 23:16	1
1,1-Dichloroethane	0.0011	U	0.0011	0.00066	mg/Kg	☼	10/05/25 17:34	10/06/25 23:16	1
1,1-Dichloroethene	0.0011	U	0.0011	0.00025	mg/Kg	☼	10/05/25 17:34	10/06/25 23:16	1
1,2,3-Trichlorobenzene	0.0011	U	0.0011	0.00082	mg/Kg	☼	10/05/25 17:34	10/06/25 23:16	1
1,2,4-Trichlorobenzene	0.0011	U	0.0011	0.00040	mg/Kg	☼	10/05/25 17:34	10/06/25 23:16	1
1,2,4-Trimethylbenzene	0.0011	U	0.0011	0.00027	mg/Kg	☼	10/05/25 17:34	10/06/25 23:16	1
1,2-Dibromo-3-Chloropropane	0.0011	U	0.0011	0.00051	mg/Kg	☼	10/05/25 17:34	10/06/25 23:16	1
1,2-Dichlorobenzene	0.0011	U	0.0011	0.00040	mg/Kg	☼	10/05/25 17:34	10/06/25 23:16	1
1,2-Dichloroethane	0.0011	U	0.0011	0.00033	mg/Kg	☼	10/05/25 17:34	10/06/25 23:16	1
1,2-Dichloropropane	0.0011	U	0.0011	0.00047	mg/Kg	☼	10/05/25 17:34	10/06/25 23:16	1
1,3,5-Trimethylbenzene	0.0011	U	0.0011	0.00035	mg/Kg	☼	10/05/25 17:34	10/06/25 23:16	1
1,3-Dichlorobenzene	0.0011	U	0.0011	0.00040	mg/Kg	☼	10/05/25 17:34	10/06/25 23:16	1
1,4-Dichlorobenzene	0.0011	U	0.0011	0.00057	mg/Kg	☼	10/05/25 17:34	10/06/25 23:16	1
2-Butanone (MEK)	0.0055	U	0.0055	0.00041	mg/Kg	☼	10/05/25 17:34	10/06/25 23:16	1
2-Hexanone	0.0055	U	0.0055	0.0019	mg/Kg	☼	10/05/25 17:34	10/06/25 23:16	1
4-Methyl-2-pentanone (MIBK)	0.0055	U	0.0055	0.0017	mg/Kg	☼	10/05/25 17:34	10/06/25 23:16	1
Acetone	0.0066	U	0.0066	0.0063	mg/Kg	☼	10/05/25 17:34	10/06/25 23:16	1
Benzene	0.0011	U	0.0011	0.00063	mg/Kg	☼	10/05/25 17:34	10/06/25 23:16	1
Bromoform	0.0011	U	0.0011	0.00047	mg/Kg	☼	10/05/25 17:34	10/06/25 23:16	1
Bromomethane	0.0022	U	0.0022	0.0011	mg/Kg	☼	10/05/25 17:34	10/06/25 23:16	1

Client Sample ID: 6A1_5-6
Date Collected: 10/01/25 13:40
Date Received: 10/01/25 16:15

Lab Sample ID: 460-336212-55
Matrix: Solid
Percent Solids: 86.9

Method: SW846 8260D - Volatile Organic Compounds by GC/MS (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Carbon disulfide	0.0011	U	0.0011	0.00029	mg/Kg	☼	10/05/25 17:34	10/06/25 23:16	1
Carbon tetrachloride	0.0011	U	0.0011	0.00043	mg/Kg	☼	10/05/25 17:34	10/06/25 23:16	1
Chlorobenzene	0.0011	U	0.0011	0.00056	mg/Kg	☼	10/05/25 17:34	10/06/25 23:16	1
Chlorobromomethane	0.0011	U	0.0011	0.00066	mg/Kg	☼	10/05/25 17:34	10/06/25 23:16	1
Chlorodibromomethane	0.0011	U	0.0011	0.00059	mg/Kg	☼	10/05/25 17:34	10/06/25 23:16	1
Chloroethane	0.0011	U	0.0011	0.00058	mg/Kg	☼	10/05/25 17:34	10/06/25 23:16	1
Chloroform	0.0011	U	0.0011	0.0011	mg/Kg	☼	10/05/25 17:34	10/06/25 23:16	1
Chloromethane	0.0011	U	0.0011	0.00048	mg/Kg	☼	10/05/25 17:34	10/06/25 23:16	1
cis-1,2-Dichloroethene	0.0011	U	0.0011	0.00040	mg/Kg	☼	10/05/25 17:34	10/06/25 23:16	1
cis-1,3-Dichloropropene	0.0011	U	0.0011	0.00030	mg/Kg	☼	10/05/25 17:34	10/06/25 23:16	1
Cyclohexane	0.0011	U	0.0011	0.00024	mg/Kg	☼	10/05/25 17:34	10/06/25 23:16	1
Dichlorobromomethane	0.0011	U	0.0011	0.00028	mg/Kg	☼	10/05/25 17:34	10/06/25 23:16	1
Dichlorodifluoromethane	0.0011	U	0.0011	0.00037	mg/Kg	☼	10/05/25 17:34	10/06/25 23:16	1
Ethylbenzene	0.0011	U	0.0011	0.00052	mg/Kg	☼	10/05/25 17:34	10/06/25 23:16	1
Ethylene Dibromide	0.0011	U	0.0011	0.00056	mg/Kg	☼	10/05/25 17:34	10/06/25 23:16	1
Isopropylbenzene	0.0011	U	0.0011	0.00031	mg/Kg	☼	10/05/25 17:34	10/06/25 23:16	1
Methyl acetate	0.0055	U	0.0055	0.0047	mg/Kg	☼	10/05/25 17:34	10/06/25 23:16	1
Methyl tert-butyl ether	0.0011	U	0.0011	0.00057	mg/Kg	☼	10/05/25 17:34	10/06/25 23:16	1
Methylcyclohexane	0.0011	U	0.0011	0.00055	mg/Kg	☼	10/05/25 17:34	10/06/25 23:16	1
Methylene Chloride	**0.0039**		0.0022	0.0013	mg/Kg	☼	10/05/25 17:34	10/06/25 23:16	1
m-Xylene & p-Xylene	0.0011	U	0.0011	0.00047	mg/Kg	☼	10/05/25 17:34	10/06/25 23:16	1
n-Butylbenzene	0.0011	U	0.0011	0.00032	mg/Kg	☼	10/05/25 17:34	10/06/25 23:16	1
N-Propylbenzene	0.0011	U	0.0011	0.00050	mg/Kg	☼	10/05/25 17:34	10/06/25 23:16	1
o-Xylene	0.0011	U	0.0011	0.00051	mg/Kg	☼	10/05/25 17:34	10/06/25 23:16	1
sec-Butylbenzene	0.0011	U	0.0011	0.00032	mg/Kg	☼	10/05/25 17:34	10/06/25 23:16	1
Styrene	0.0011	U	0.0011	0.00031	mg/Kg	☼	10/05/25 17:34	10/06/25 23:16	1
tert-Butylbenzene	0.0011	U	0.0011	0.00030	mg/Kg	☼	10/05/25 17:34	10/06/25 23:16	1
Tetrachloroethene	0.0011	U	0.0011	0.00034	mg/Kg	☼	10/05/25 17:34	10/06/25 23:16	1
Toluene	0.0011	U	0.0011	0.00026	mg/Kg	☼	10/05/25 17:34	10/06/25 23:16	1
trans-1,2-Dichloroethene	0.0011	U	0.0011	0.00027	mg/Kg	☼	10/05/25 17:34	10/06/25 23:16	1
trans-1,3-Dichloropropene	0.0011	U	0.0011	0.00029	mg/Kg	☼	10/05/25 17:34	10/06/25 23:16	1
Trichloroethene	0.0011	U	0.0011	0.00035	mg/Kg	☼	10/05/25 17:34	10/06/25 23:16	1
Trichlorofluoromethane	0.0011	U	0.0011	0.00045	mg/Kg	☼	10/05/25 17:34	10/06/25 23:16	1
Vinyl chloride	0.0011	U	0.0011	0.00060	mg/Kg	☼	10/05/25 17:34	10/06/25 23:16	1
Xylenes, Total	0.0022	U	0.0022	0.00019	mg/Kg	☼	10/05/25 17:34	10/06/25 23:16	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,2-Dichloroethane-d4 (Surr)	*112*		*65 - 138*	*10/05/25 17:34*	*10/06/25 23:16*	*1*
4-Bromofluorobenzene	*98*		*71 - 128*	*10/05/25 17:34*	*10/06/25 23:16*	*1*
Dibromofluoromethane (Surr)	*117*		*50 - 150*	*10/05/25 17:34*	*10/06/25 23:16*	*1*
Toluene-d8 (Surr)	*94*		*71 - 126*	*10/05/25 17:34*	*10/06/25 23:16*	*1*

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Percent Moisture (EPA Moisture)	**13.1**		1.0	1.0	%			10/05/25 17:33	1
Percent Solids (EPA Moisture)	**86.9**		1.0	1.0	%			10/05/25 17:33	1

Client: Haley & Aldrich, Inc.
Project/Site: Former Port Mobil

Job ID: 460-336212-1

Client Sample ID: 6A2_7-8
Date Collected: 10/01/25 13:45
Date Received: 10/01/25 16:15

Lab Sample ID: 460-336212-56
Matrix: Solid
Percent Solids: 90.0

Method: SW846 8260D - Volatile Organic Compounds by GC/MS

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1-Trichloroethane	0.0013	U	0.0013	0.00030	mg/Kg	☼	10/05/25 17:35	10/06/25 23:39	1
1,1,2,2-Tetrachloroethane	0.0013	U	0.0013	0.00067	mg/Kg	☼	10/05/25 17:35	10/06/25 23:39	1
1,1,2-Trichloro-1,2,2-trifluoroethane	0.0013	U	0.0013	0.00039	mg/Kg	☼	10/05/25 17:35	10/06/25 23:39	1
1,1,2-Trichloroethane	0.0013	U	0.0013	0.00077	mg/Kg	☼	10/05/25 17:35	10/06/25 23:39	1
1,1-Dichloroethane	0.0013	U	0.0013	0.00077	mg/Kg	☼	10/05/25 17:35	10/06/25 23:39	1
1,1-Dichloroethene	0.0013	U	0.0013	0.00029	mg/Kg	☼	10/05/25 17:35	10/06/25 23:39	1
1,2,3-Trichlorobenzene	0.0013	U	0.0013	0.00095	mg/Kg	☼	10/05/25 17:35	10/06/25 23:39	1
1,2,4-Trichlorobenzene	0.0013	U	0.0013	0.00046	mg/Kg	☼	10/05/25 17:35	10/06/25 23:39	1
1,2,4-Trimethylbenzene	0.0013	U	0.0013	0.00032	mg/Kg	☼	10/05/25 17:35	10/06/25 23:39	1
1,2-Dibromo-3-Chloropropane	0.0013	U	0.0013	0.00059	mg/Kg	☼	10/05/25 17:35	10/06/25 23:39	1
1,2-Dichlorobenzene	0.0013	U	0.0013	0.00046	mg/Kg	☼	10/05/25 17:35	10/06/25 23:39	1
1,2-Dichloroethane	0.0013	U	0.0013	0.00038	mg/Kg	☼	10/05/25 17:35	10/06/25 23:39	1
1,2-Dichloropropane	0.0013	U	0.0013	0.00054	mg/Kg	☼	10/05/25 17:35	10/06/25 23:39	1
1,3,5-Trimethylbenzene	0.0013	U	0.0013	0.00040	mg/Kg	☼	10/05/25 17:35	10/06/25 23:39	1
1,3-Dichlorobenzene	0.0013	U	0.0013	0.00047	mg/Kg	☼	10/05/25 17:35	10/06/25 23:39	1
1,4-Dichlorobenzene	0.0013	U	0.0013	0.00067	mg/Kg	☼	10/05/25 17:35	10/06/25 23:39	1
2-Butanone (MEK)	0.0064	U	0.0064	0.00047	mg/Kg	☼	10/05/25 17:35	10/06/25 23:39	1
2-Hexanone	0.0064	U	0.0064	0.0022	mg/Kg	☼	10/05/25 17:35	10/06/25 23:39	1
4-Methyl-2-pentanone (MIBK)	0.0064	U	0.0064	0.0020	mg/Kg	☼	10/05/25 17:35	10/06/25 23:39	1
Acetone	0.0077	U	0.0077	0.0073	mg/Kg	☼	10/05/25 17:35	10/06/25 23:39	1
Benzene	0.0013	U	0.0013	0.00073	mg/Kg	☼	10/05/25 17:35	10/06/25 23:39	1
Bromoform	0.0013	U	0.0013	0.00055	mg/Kg	☼	10/05/25 17:35	10/06/25 23:39	1
Bromomethane	0.0026	U	0.0026	0.0013	mg/Kg	☼	10/05/25 17:35	10/06/25 23:39	1
Carbon disulfide	0.0013	U	0.0013	0.00034	mg/Kg	☼	10/05/25 17:35	10/06/25 23:39	1
Carbon tetrachloride	0.0013	U	0.0013	0.00050	mg/Kg	☼	10/05/25 17:35	10/06/25 23:39	1
Chlorobenzene	0.0013	U	0.0013	0.00065	mg/Kg	☼	10/05/25 17:35	10/06/25 23:39	1
Chlorobromomethane	0.0013	U	0.0013	0.00077	mg/Kg	☼	10/05/25 17:35	10/06/25 23:39	1
Chlorodibromomethane	0.0013	U	0.0013	0.00069	mg/Kg	☼	10/05/25 17:35	10/06/25 23:39	1
Chloroethane	0.0013	U	0.0013	0.00067	mg/Kg	☼	10/05/25 17:35	10/06/25 23:39	1
Chloroform	0.0013	U	0.0013	0.0012	mg/Kg	☼	10/05/25 17:35	10/06/25 23:39	1
Chloromethane	0.0013	U	0.0013	0.00056	mg/Kg	☼	10/05/25 17:35	10/06/25 23:39	1
cis-1,2-Dichloroethene	0.0013	U	0.0013	0.00046	mg/Kg	☼	10/05/25 17:35	10/06/25 23:39	1
cis-1,3-Dichloropropene	0.0013	U	0.0013	0.00035	mg/Kg	☼	10/05/25 17:35	10/06/25 23:39	1
Cyclohexane	0.0013	U	0.0013	0.00028	mg/Kg	☼	10/05/25 17:35	10/06/25 23:39	1
Dichlorobromomethane	0.0013	U	0.0013	0.00033	mg/Kg	☼	10/05/25 17:35	10/06/25 23:39	1
Dichlorodifluoromethane	0.0013	U	0.0013	0.00043	mg/Kg	☼	10/05/25 17:35	10/06/25 23:39	1
Ethylbenzene	0.0013	U	0.0013	0.00060	mg/Kg	☼	10/05/25 17:35	10/06/25 23:39	1
Ethylene Dibromide	0.0013	U	0.0013	0.00065	mg/Kg	☼	10/05/25 17:35	10/06/25 23:39	1
Isopropylbenzene	0.0013	U	0.0013	0.00037	mg/Kg	☼	10/05/25 17:35	10/06/25 23:39	1
Methyl acetate	0.0064	U	0.0064	0.0055	mg/Kg	☼	10/05/25 17:35	10/06/25 23:39	1
Methyl tert-butyl ether	0.0013	U	0.0013	0.00066	mg/Kg	☼	10/05/25 17:35	10/06/25 23:39	1
Methylcyclohexane	0.0013	U	0.0013	0.00064	mg/Kg	☼	10/05/25 17:35	10/06/25 23:39	1
Methylene Chloride	**0.0015**	**J**	0.0026	0.0015	mg/Kg	☼	10/05/25 17:35	10/06/25 23:39	1
m-Xylene & p-Xylene	0.0013	U	0.0013	0.00054	mg/Kg	☼	10/05/25 17:35	10/06/25 23:39	1
n-Butylbenzene	0.0013	U	0.0013	0.00038	mg/Kg	☼	10/05/25 17:35	10/06/25 23:39	1
N-Propylbenzene	0.0013	U	0.0013	0.00058	mg/Kg	☼	10/05/25 17:35	10/06/25 23:39	1
o-Xylene	0.0013	U	0.0013	0.00059	mg/Kg	☼	10/05/25 17:35	10/06/25 23:39	1
sec-Butylbenzene	0.0013	U	0.0013	0.00037	mg/Kg	☼	10/05/25 17:35	10/06/25 23:39	1
Styrene	0.0013	U	0.0013	0.00036	mg/Kg	☼	10/05/25 17:35	10/06/25 23:39	1

Client Sample ID: 6A2_7-8

Lab Sample ID: 460-336212-56

Date Collected: 10/01/25 13:45
Matrix: Solid
Date Received: 10/01/25 16:15
Percent Solids: 90.0

Method: SW846 8260D - Volatile Organic Compounds by GC/MS (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
tert-Butylbenzene	0.0013	U	0.0013	0.00035	mg/Kg	☼	10/05/25 17:35	10/06/25 23:39	1
Tetrachloroethene	0.0013	U	0.0013	0.00039	mg/Kg	☼	10/05/25 17:35	10/06/25 23:39	1
Toluene	0.0013	U	0.0013	0.00030	mg/Kg	☼	10/05/25 17:35	10/06/25 23:39	1
trans-1,2-Dichloroethene	0.0013	U	0.0013	0.00032	mg/Kg	☼	10/05/25 17:35	10/06/25 23:39	1
trans-1,3-Dichloropropene	0.0013	U	0.0013	0.00034	mg/Kg	☼	10/05/25 17:35	10/06/25 23:39	1
Trichloroethene	0.0013	U	0.0013	0.00041	mg/Kg	☼	10/05/25 17:35	10/06/25 23:39	1
Trichlorofluoromethane	0.0013	U	0.0013	0.00052	mg/Kg	☼	10/05/25 17:35	10/06/25 23:39	1
Vinyl chloride	0.0013	U	0.0013	0.00070	mg/Kg	☼	10/05/25 17:35	10/06/25 23:39	1
Xylenes, Total	0.0026	U	0.0026	0.00022	mg/Kg	☼	10/05/25 17:35	10/06/25 23:39	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,2-Dichloroethane-d4 (Surr)	*112*		*65 - 138*	*10/05/25 17:35*	*10/06/25 23:39*	*1*
4-Bromofluorobenzene	*97*		*71 - 128*	*10/05/25 17:35*	*10/06/25 23:39*	*1*
Dibromofluoromethane (Surr)	*117*		*50 - 150*	*10/05/25 17:35*	*10/06/25 23:39*	*1*
Toluene-d8 (Surr)	*95*		*71 - 126*	*10/05/25 17:35*	*10/06/25 23:39*	*1*

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Percent Moisture (EPA Moisture)	**10**		1.0	1.0	%			10/05/25 17:33	1
Percent Solids (EPA Moisture)	**90.0**		1.0	1.0	%			10/05/25 17:33	1

Client Sample ID: 6A3_9-10

Lab Sample ID: 460-336212-57

Date Collected: 10/01/25 13:50
Matrix: Solid
Date Received: 10/01/25 16:15
Percent Solids: 93.0

Method: SW846 8260D - Volatile Organic Compounds by GC/MS

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1-Trichloroethane	0.0012	U	0.0012	0.00027	mg/Kg	☼	10/05/25 17:35	10/07/25 00:02	1
1,1,2,2-Tetrachloroethane	0.0012	U	0.0012	0.00060	mg/Kg	☼	10/05/25 17:35	10/07/25 00:02	1
1,1,2-Trichloro-1,2,2-trifluoroethane	0.0012	U	0.0012	0.00035	mg/Kg	☼	10/05/25 17:35	10/07/25 00:02	1
1,1,2-Trichloroethane	0.0012	U	0.0012	0.00070	mg/Kg	☼	10/05/25 17:35	10/07/25 00:02	1
1,1-Dichloroethane	0.0012	U	0.0012	0.00069	mg/Kg	☼	10/05/25 17:35	10/07/25 00:02	1
1,1-Dichloroethene	0.0012	U	0.0012	0.00026	mg/Kg	☼	10/05/25 17:35	10/07/25 00:02	1
1,2,3-Trichlorobenzene	0.0012	U	0.0012	0.00085	mg/Kg	☼	10/05/25 17:35	10/07/25 00:02	1
1,2,4-Trichlorobenzene	0.0012	U	0.0012	0.00041	mg/Kg	☼	10/05/25 17:35	10/07/25 00:02	1
1,2,4-Trimethylbenzene	0.0012	U	0.0012	0.00028	mg/Kg	☼	10/05/25 17:35	10/07/25 00:02	1
1,2-Dibromo-3-Chloropropane	0.0012	U	0.0012	0.00053	mg/Kg	☼	10/05/25 17:35	10/07/25 00:02	1
1,2-Dichlorobenzene	0.0012	U	0.0012	0.00042	mg/Kg	☼	10/05/25 17:35	10/07/25 00:02	1
1,2-Dichloroethane	0.0012	U	0.0012	0.00034	mg/Kg	☼	10/05/25 17:35	10/07/25 00:02	1
1,2-Dichloropropane	0.0012	U	0.0012	0.00049	mg/Kg	☼	10/05/25 17:35	10/07/25 00:02	1
1,3,5-Trimethylbenzene	0.0012	U	0.0012	0.00036	mg/Kg	☼	10/05/25 17:35	10/07/25 00:02	1
1,3-Dichlorobenzene	0.0012	U	0.0012	0.00042	mg/Kg	☼	10/05/25 17:35	10/07/25 00:02	1
1,4-Dichlorobenzene	0.0012	U	0.0012	0.00060	mg/Kg	☼	10/05/25 17:35	10/07/25 00:02	1
2-Butanone (MEK)	0.0058	U	0.0058	0.00043	mg/Kg	☼	10/05/25 17:35	10/07/25 00:02	1
2-Hexanone	0.0058	U	0.0058	0.0020	mg/Kg	☼	10/05/25 17:35	10/07/25 00:02	1
4-Methyl-2-pentanone (MIBK)	0.0058	U	0.0058	0.0018	mg/Kg	☼	10/05/25 17:35	10/07/25 00:02	1
Acetone	0.0069	U	0.0069	0.0066	mg/Kg	☼	10/05/25 17:35	10/07/25 00:02	1
Benzene	0.0012	U	0.0012	0.00066	mg/Kg	☼	10/05/25 17:35	10/07/25 00:02	1
Bromoform	0.0012	U	0.0012	0.00049	mg/Kg	☼	10/05/25 17:35	10/07/25 00:02	1
Bromomethane	0.0023	U	0.0023	0.0012	mg/Kg	☼	10/05/25 17:35	10/07/25 00:02	1

Client Sample ID: 6A3_9-10
Date Collected: 10/01/25 13:50
Date Received: 10/01/25 16:15

Lab Sample ID: 460-336212-57
Matrix: Solid
Percent Solids: 93.0

Method: SW846 8260D - Volatile Organic Compounds by GC/MS (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Carbon disulfide	0.0012	U	0.0012	0.00031	mg/Kg	☼	10/05/25 17:35	10/07/25 00:02	1
Carbon tetrachloride	0.0012	U	0.0012	0.00045	mg/Kg	☼	10/05/25 17:35	10/07/25 00:02	1
Chlorobenzene	0.0012	U	0.0012	0.00059	mg/Kg	☼	10/05/25 17:35	10/07/25 00:02	1
Chlorobromomethane	0.0012	U	0.0012	0.00069	mg/Kg	☼	10/05/25 17:35	10/07/25 00:02	1
Chlorodibromomethane	0.0012	U	0.0012	0.00062	mg/Kg	☼	10/05/25 17:35	10/07/25 00:02	1
Chloroethane	0.0012	U	0.0012	0.00060	mg/Kg	☼	10/05/25 17:35	10/07/25 00:02	1
Chloroform	0.0012	U	0.0012	0.0011	mg/Kg	☼	10/05/25 17:35	10/07/25 00:02	1
Chloromethane	0.0012	U	0.0012	0.00050	mg/Kg	☼	10/05/25 17:35	10/07/25 00:02	1
cis-1,2-Dichloroethene	0.0012	U	0.0012	0.00041	mg/Kg	☼	10/05/25 17:35	10/07/25 00:02	1
cis-1,3-Dichloropropene	0.0012	U	0.0012	0.00032	mg/Kg	☼	10/05/25 17:35	10/07/25 00:02	1
Cyclohexane	0.0012	U	0.0012	0.00026	mg/Kg	☼	10/05/25 17:35	10/07/25 00:02	1
Dichlorobromomethane	0.0012	U	0.0012	0.00030	mg/Kg	☼	10/05/25 17:35	10/07/25 00:02	1
Dichlorodifluoromethane	0.0012	U	0.0012	0.00039	mg/Kg	☼	10/05/25 17:35	10/07/25 00:02	1
Ethylbenzene	0.0012	U	0.0012	0.00054	mg/Kg	☼	10/05/25 17:35	10/07/25 00:02	1
Ethylene Dibromide	0.0012	U	0.0012	0.00058	mg/Kg	☼	10/05/25 17:35	10/07/25 00:02	1
Isopropylbenzene	0.0012	U	0.0012	0.00033	mg/Kg	☼	10/05/25 17:35	10/07/25 00:02	1
Methyl acetate	0.0058	U	0.0058	0.0050	mg/Kg	☼	10/05/25 17:35	10/07/25 00:02	1
Methyl tert-butyl ether	0.0012	U	0.0012	0.00059	mg/Kg	☼	10/05/25 17:35	10/07/25 00:02	1
Methylcyclohexane	0.0012	U	0.0012	0.00058	mg/Kg	☼	10/05/25 17:35	10/07/25 00:02	1
Methylene Chloride	**0.0043**		0.0023	0.0013	mg/Kg	☼	10/05/25 17:35	10/07/25 00:02	1
m-Xylene & p-Xylene	0.0012	U	0.0012	0.00049	mg/Kg	☼	10/05/25 17:35	10/07/25 00:02	1
n-Butylbenzene	0.0012	U	0.0012	0.00034	mg/Kg	☼	10/05/25 17:35	10/07/25 00:02	1
N-Propylbenzene	0.0012	U	0.0012	0.00052	mg/Kg	☼	10/05/25 17:35	10/07/25 00:02	1
o-Xylene	0.0012	U	0.0012	0.00053	mg/Kg	☼	10/05/25 17:35	10/07/25 00:02	1
sec-Butylbenzene	0.0012	U	0.0012	0.00033	mg/Kg	☼	10/05/25 17:35	10/07/25 00:02	1
Styrene	0.0012	U	0.0012	0.00032	mg/Kg	☼	10/05/25 17:35	10/07/25 00:02	1
tert-Butylbenzene	0.0012	U	0.0012	0.00032	mg/Kg	☼	10/05/25 17:35	10/07/25 00:02	1
Tetrachloroethene	0.0012	U	0.0012	0.00035	mg/Kg	☼	10/05/25 17:35	10/07/25 00:02	1
Toluene	0.0012	U	0.0012	0.00027	mg/Kg	☼	10/05/25 17:35	10/07/25 00:02	1
trans-1,2-Dichloroethene	0.0012	U	0.0012	0.00028	mg/Kg	☼	10/05/25 17:35	10/07/25 00:02	1
trans-1,3-Dichloropropene	0.0012	U	0.0012	0.00031	mg/Kg	☼	10/05/25 17:35	10/07/25 00:02	1
Trichloroethene	0.0012	U	0.0012	0.00037	mg/Kg	☼	10/05/25 17:35	10/07/25 00:02	1
Trichlorofluoromethane	0.0012	U	0.0012	0.00047	mg/Kg	☼	10/05/25 17:35	10/07/25 00:02	1
Vinyl chloride	0.0012	U	0.0012	0.00063	mg/Kg	☼	10/05/25 17:35	10/07/25 00:02	1
Xylenes, Total	0.0023	U	0.0023	0.00020	mg/Kg	☼	10/05/25 17:35	10/07/25 00:02	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,2-Dichloroethane-d4 (Surr)	*112*		*65 - 138*	*10/05/25 17:35*	*10/07/25 00:02*	*1*
4-Bromofluorobenzene	*98*		*71 - 128*	*10/05/25 17:35*	*10/07/25 00:02*	*1*
Dibromofluoromethane (Surr)	*119*		*50 - 150*	*10/05/25 17:35*	*10/07/25 00:02*	*1*
Toluene-d8 (Surr)	*94*		*71 - 126*	*10/05/25 17:35*	*10/07/25 00:02*	*1*

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Percent Moisture (EPA Moisture)	**7.0**		1.0	1.0	%			10/05/25 17:33	1
Percent Solids (EPA Moisture)	**93.0**		1.0	1.0	%			10/05/25 17:33	1

Client: Haley & Aldrich, Inc.
Project/Site: Former Port Mobil

Job ID: 460-336212-1

Client Sample ID: 6A1_10-11
Date Collected: 10/01/25 13:55
Date Received: 10/01/25 16:15

Lab Sample ID: 460-336212-58
Matrix: Solid
Percent Solids: 86.5

Method: SW846 8260D - Volatile Organic Compounds by GC/MS

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1-Trichloroethane	0.0010	U	0.0010	0.00024	mg/Kg	☼	10/05/25 17:36	10/07/25 00:25	1
1,1,2,2-Tetrachloroethane	0.0010	U	0.0010	0.00054	mg/Kg	☼	10/05/25 17:36	10/07/25 00:25	1
1,1,2-Trichloro-1,2,2-trifluoroethane	0.0010	U	0.0010	0.00031	mg/Kg	☼	10/05/25 17:36	10/07/25 00:25	1
1,1,2-Trichloroethane	0.0010	U	0.0010	0.00063	mg/Kg	☼	10/05/25 17:36	10/07/25 00:25	1
1,1-Dichloroethane	0.0010	U	0.0010	0.00062	mg/Kg	☼	10/05/25 17:36	10/07/25 00:25	1
1,1-Dichloroethene	0.0010	U	0.0010	0.00023	mg/Kg	☼	10/05/25 17:36	10/07/25 00:25	1
1,2,3-Trichlorobenzene	0.0010	U	0.0010	0.00077	mg/Kg	☼	10/05/25 17:36	10/07/25 00:25	1
1,2,4-Trichlorobenzene	0.0010	U	0.0010	0.00037	mg/Kg	☼	10/05/25 17:36	10/07/25 00:25	1
1,2,4-Trimethylbenzene	0.0010	U	0.0010	0.00026	mg/Kg	☼	10/05/25 17:36	10/07/25 00:25	1
1,2-Dibromo-3-Chloropropane	0.0010	U	0.0010	0.00048	mg/Kg	☼	10/05/25 17:36	10/07/25 00:25	1
1,2-Dichlorobenzene	0.0010	U	0.0010	0.00038	mg/Kg	☼	10/05/25 17:36	10/07/25 00:25	1
1,2-Dichloroethane	0.0010	U	0.0010	0.00031	mg/Kg	☼	10/05/25 17:36	10/07/25 00:25	1
1,2-Dichloropropane	0.0010	U	0.0010	0.00044	mg/Kg	☼	10/05/25 17:36	10/07/25 00:25	1
1,3,5-Trimethylbenzene	0.0010	U	0.0010	0.00033	mg/Kg	☼	10/05/25 17:36	10/07/25 00:25	1
1,3-Dichlorobenzene	0.0010	U	0.0010	0.00038	mg/Kg	☼	10/05/25 17:36	10/07/25 00:25	1
1,4-Dichlorobenzene	0.0010	U	0.0010	0.00054	mg/Kg	☼	10/05/25 17:36	10/07/25 00:25	1
2-Butanone (MEK)	0.0052	U	0.0052	0.00038	mg/Kg	☼	10/05/25 17:36	10/07/25 00:25	1
2-Hexanone	0.0052	U	0.0052	0.0018	mg/Kg	☼	10/05/25 17:36	10/07/25 00:25	1
4-Methyl-2-pentanone (MIBK)	0.0052	U	0.0052	0.0016	mg/Kg	☼	10/05/25 17:36	10/07/25 00:25	1
Acetone	0.0062	U	0.0062	0.0060	mg/Kg	☼	10/05/25 17:36	10/07/25 00:25	1
Benzene	0.0010	U	0.0010	0.00059	mg/Kg	☼	10/05/25 17:36	10/07/25 00:25	1
Bromoform	0.0010	U	0.0010	0.00044	mg/Kg	☼	10/05/25 17:36	10/07/25 00:25	1
Bromomethane	0.0021	U	0.0021	0.0010	mg/Kg	☼	10/05/25 17:36	10/07/25 00:25	1
Carbon disulfide	0.0010	U	0.0010	0.00028	mg/Kg	☼	10/05/25 17:36	10/07/25 00:25	1
Carbon tetrachloride	0.0010	U	0.0010	0.00040	mg/Kg	☼	10/05/25 17:36	10/07/25 00:25	1
Chlorobenzene	0.0010	U	0.0010	0.00053	mg/Kg	☼	10/05/25 17:36	10/07/25 00:25	1
Chlorobromomethane	0.0010	U	0.0010	0.00062	mg/Kg	☼	10/05/25 17:36	10/07/25 00:25	1
Chlorodibromomethane	0.0010	U	0.0010	0.00056	mg/Kg	☼	10/05/25 17:36	10/07/25 00:25	1
Chloroethane	0.0010	U	0.0010	0.00054	mg/Kg	☼	10/05/25 17:36	10/07/25 00:25	1
Chloroform	0.0010	U	0.0010	0.0010	mg/Kg	☼	10/05/25 17:36	10/07/25 00:25	1
Chloromethane	0.0010	U	0.0010	0.00045	mg/Kg	☼	10/05/25 17:36	10/07/25 00:25	1
cis-1,2-Dichloroethene	0.0010	U	0.0010	0.00037	mg/Kg	☼	10/05/25 17:36	10/07/25 00:25	1
cis-1,3-Dichloropropene	0.0010	U	0.0010	0.00028	mg/Kg	☼	10/05/25 17:36	10/07/25 00:25	1
Cyclohexane	0.0010	U	0.0010	0.00023	mg/Kg	☼	10/05/25 17:36	10/07/25 00:25	1
Dichlorobromomethane	0.0010	U	0.0010	0.00027	mg/Kg	☼	10/05/25 17:36	10/07/25 00:25	1
Dichlorodifluoromethane	0.0010	U	0.0010	0.00035	mg/Kg	☼	10/05/25 17:36	10/07/25 00:25	1
Ethylbenzene	0.0010	U	0.0010	0.00049	mg/Kg	☼	10/05/25 17:36	10/07/25 00:25	1
Ethylene Dibromide	0.0010	U	0.0010	0.00052	mg/Kg	☼	10/05/25 17:36	10/07/25 00:25	1
Isopropylbenzene	0.0010	U	0.0010	0.00030	mg/Kg	☼	10/05/25 17:36	10/07/25 00:25	1
Methyl acetate	0.0052	U	0.0052	0.0045	mg/Kg	☼	10/05/25 17:36	10/07/25 00:25	1
Methyl tert-butyl ether	0.0010	U	0.0010	0.00053	mg/Kg	☼	10/05/25 17:36	10/07/25 00:25	1
Methylcyclohexane	0.0010	U	0.0010	0.00052	mg/Kg	☼	10/05/25 17:36	10/07/25 00:25	1
Methylene Chloride	**0.0044**		0.0021	0.0012	mg/Kg	☼	10/05/25 17:36	10/07/25 00:25	1
m-Xylene & p-Xylene	0.0010	U	0.0010	0.00044	mg/Kg	☼	10/05/25 17:36	10/07/25 00:25	1
n-Butylbenzene	0.0010	U	0.0010	0.00031	mg/Kg	☼	10/05/25 17:36	10/07/25 00:25	1
N-Propylbenzene	0.0010	U	0.0010	0.00047	mg/Kg	☼	10/05/25 17:36	10/07/25 00:25	1
o-Xylene	0.0010	U	0.0010	0.00048	mg/Kg	☼	10/05/25 17:36	10/07/25 00:25	1
sec-Butylbenzene	0.0010	U	0.0010	0.00030	mg/Kg	☼	10/05/25 17:36	10/07/25 00:25	1
Styrene	0.0010	U	0.0010	0.00029	mg/Kg	☼	10/05/25 17:36	10/07/25 00:25	1

Client Sample ID: 6A1_10-11

Lab Sample ID: 460-336212-58

Date Collected: 10/01/25 13:55
Matrix: Solid
Date Received: 10/01/25 16:15
Percent Solids: 86.5

Method: SW846 8260D - Volatile Organic Compounds by GC/MS (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
tert-Butylbenzene	0.0010	U	0.0010	0.00029	mg/Kg	☼	10/05/25 17:36	10/07/25 00:25	1
Tetrachloroethene	0.0010	U	0.0010	0.00032	mg/Kg	☼	10/05/25 17:36	10/07/25 00:25	1
Toluene	0.0010	U	0.0010	0.00024	mg/Kg	☼	10/05/25 17:36	10/07/25 00:25	1
trans-1,2-Dichloroethene	0.0010	U	0.0010	0.00026	mg/Kg	☼	10/05/25 17:36	10/07/25 00:25	1
trans-1,3-Dichloropropene	0.0010	U	0.0010	0.00028	mg/Kg	☼	10/05/25 17:36	10/07/25 00:25	1
Trichloroethene	0.0010	U	0.0010	0.00033	mg/Kg	☼	10/05/25 17:36	10/07/25 00:25	1
Trichlorofluoromethane	0.0010	U	0.0010	0.00042	mg/Kg	☼	10/05/25 17:36	10/07/25 00:25	1
Vinyl chloride	0.0010	U	0.0010	0.00057	mg/Kg	☼	10/05/25 17:36	10/07/25 00:25	1
Xylenes, Total	0.0021	U	0.0021	0.00018	mg/Kg	☼	10/05/25 17:36	10/07/25 00:25	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,2-Dichloroethane-d4 (Surr)	*110*		*65 - 138*	*10/05/25 17:36*	*10/07/25 00:25*	*1*
4-Bromofluorobenzene	*99*		*71 - 128*	*10/05/25 17:36*	*10/07/25 00:25*	*1*
Dibromofluoromethane (Surr)	*118*		*50 - 150*	*10/05/25 17:36*	*10/07/25 00:25*	*1*
Toluene-d8 (Surr)	*95*		*71 - 126*	*10/05/25 17:36*	*10/07/25 00:25*	*1*

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Percent Moisture (EPA Moisture)	**13.5**		1.0	1.0	%			10/05/25 17:33	1
Percent Solids (EPA Moisture)	**86.5**		1.0	1.0	%			10/05/25 17:33	1

Client Sample ID: 6B1_1-2

Lab Sample ID: 460-336212-59

Date Collected: 10/01/25 12:20
Matrix: Solid
Date Received: 10/01/25 16:15
Percent Solids: 90.3

Method: SW846 8260D - Volatile Organic Compounds by GC/MS

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1-Trichloroethane	0.0011	U	0.0011	0.00026	mg/Kg	☼	10/05/25 17:36	10/07/25 19:38	1
1,1,2,2-Tetrachloroethane	0.0011	U	0.0011	0.00059	mg/Kg	☼	10/05/25 17:36	10/07/25 19:38	1
1,1,2-Trichloro-1,2,2-trifluoroethane	0.0011	U	0.0011	0.00034	mg/Kg	☼	10/05/25 17:36	10/07/25 19:38	1
1,1,2-Trichloroethane	0.0011	U	0.0011	0.00067	mg/Kg	☼	10/05/25 17:36	10/07/25 19:38	1
1,1-Dichloroethane	0.0011	U	0.0011	0.00067	mg/Kg	☼	10/05/25 17:36	10/07/25 19:38	1
1,1-Dichloroethene	0.0011	U	0.0011	0.00025	mg/Kg	☼	10/05/25 17:36	10/07/25 19:38	1
1,2,3-Trichlorobenzene	0.0011	U	0.0011	0.00083	mg/Kg	☼	10/05/25 17:36	10/07/25 19:38	1
1,2,4-Trichlorobenzene	0.0011	U	0.0011	0.00040	mg/Kg	☼	10/05/25 17:36	10/07/25 19:38	1
1,2,4-Trimethylbenzene	0.0011	U	0.0011	0.00028	mg/Kg	☼	10/05/25 17:36	10/07/25 19:38	1
1,2-Dibromo-3-Chloropropane	0.0011	U	0.0011	0.00052	mg/Kg	☼	10/05/25 17:36	10/07/25 19:38	1
1,2-Dichlorobenzene	0.0011	U	0.0011	0.00040	mg/Kg	☼	10/05/25 17:36	10/07/25 19:38	1
1,2-Dichloroethane	0.0011	U	0.0011	0.00033	mg/Kg	☼	10/05/25 17:36	10/07/25 19:38	1
1,2-Dichloropropane	0.0011	U	0.0011	0.00047	mg/Kg	☼	10/05/25 17:36	10/07/25 19:38	1
1,3,5-Trimethylbenzene	0.0011	U	0.0011	0.00035	mg/Kg	☼	10/05/25 17:36	10/07/25 19:38	1
1,3-Dichlorobenzene	0.0011	U	0.0011	0.00041	mg/Kg	☼	10/05/25 17:36	10/07/25 19:38	1
1,4-Dichlorobenzene	0.0011	U	0.0011	0.00058	mg/Kg	☼	10/05/25 17:36	10/07/25 19:38	1
2-Butanone (MEK)	0.0056	U	0.0056	0.00041	mg/Kg	☼	10/05/25 17:36	10/07/25 19:38	1
2-Hexanone	0.0056	U	0.0056	0.0019	mg/Kg	☼	10/05/25 17:36	10/07/25 19:38	1
4-Methyl-2-pentanone (MIBK)	0.0056	U	0.0056	0.0017	mg/Kg	☼	10/05/25 17:36	10/07/25 19:38	1
Acetone	0.0067	U	0.0067	0.0064	mg/Kg	☼	10/05/25 17:36	10/07/25 19:38	1
Benzene	0.0011	U	0.0011	0.00064	mg/Kg	☼	10/05/25 17:36	10/07/25 19:38	1
Bromoform	0.0011	U	0.0011	0.00048	mg/Kg	☼	10/05/25 17:36	10/07/25 19:38	1
Bromomethane	0.0022	U	0.0022	0.0011	mg/Kg	☼	10/05/25 17:36	10/07/25 19:38	1

Client Sample ID: 6B1_1-2
Date Collected: 10/01/25 12:20
Date Received: 10/01/25 16:15

Lab Sample ID: 460-336212-59
Matrix: Solid
Percent Solids: 90.3

Method: SW846 8260D - Volatile Organic Compounds by GC/MS (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Carbon disulfide	0.0011	U	0.0011	0.00030	mg/Kg	☼	10/05/25 17:36	10/07/25 19:38	1
Carbon tetrachloride	0.0011	U	0.0011	0.00043	mg/Kg	☼	10/05/25 17:36	10/07/25 19:38	1
Chlorobenzene	0.0011	U	0.0011	0.00057	mg/Kg	☼	10/05/25 17:36	10/07/25 19:38	1
Chlorobromomethane	0.0011	U	0.0011	0.00067	mg/Kg	☼	10/05/25 17:36	10/07/25 19:38	1
Chlorodibromomethane	0.0011	U	0.0011	0.00060	mg/Kg	☼	10/05/25 17:36	10/07/25 19:38	1
Chloroethane	0.0011	U	0.0011	0.00059	mg/Kg	☼	10/05/25 17:36	10/07/25 19:38	1
Chloroform	0.0011	U	0.0011	0.0011	mg/Kg	☼	10/05/25 17:36	10/07/25 19:38	1
Chloromethane	0.0011	U	0.0011	0.00049	mg/Kg	☼	10/05/25 17:36	10/07/25 19:38	1
cis-1,2-Dichloroethene	0.0011	U	0.0011	0.00040	mg/Kg	☼	10/05/25 17:36	10/07/25 19:38	1
cis-1,3-Dichloropropene	0.0011	U	0.0011	0.00031	mg/Kg	☼	10/05/25 17:36	10/07/25 19:38	1
Cyclohexane	0.0011	U	0.0011	0.00025	mg/Kg	☼	10/05/25 17:36	10/07/25 19:38	1
Dichlorobromomethane	0.0011	U	0.0011	0.00029	mg/Kg	☼	10/05/25 17:36	10/07/25 19:38	1
Dichlorodifluoromethane	0.0011	U *	0.0011	0.00038	mg/Kg	☼	10/05/25 17:36	10/07/25 19:38	1
Ethylbenzene	0.0011	U	0.0011	0.00052	mg/Kg	☼	10/05/25 17:36	10/07/25 19:38	1
Ethylene Dibromide	0.0011	U	0.0011	0.00057	mg/Kg	☼	10/05/25 17:36	10/07/25 19:38	1
Isopropylbenzene	0.0011	U	0.0011	0.00032	mg/Kg	☼	10/05/25 17:36	10/07/25 19:38	1
Methyl acetate	0.0056	U	0.0056	0.0048	mg/Kg	☼	10/05/25 17:36	10/07/25 19:38	1
Methyl tert-butyl ether	0.0011	U	0.0011	0.00057	mg/Kg	☼	10/05/25 17:36	10/07/25 19:38	1
Methylcyclohexane	0.0011	U	0.0011	0.00056	mg/Kg	☼	10/05/25 17:36	10/07/25 19:38	1
Methylene Chloride	**0.0019**	**J**	0.0022	0.0013	mg/Kg	☼	10/05/25 17:36	10/07/25 19:38	1
m-Xylene & p-Xylene	0.0011	U	0.0011	0.00047	mg/Kg	☼	10/05/25 17:36	10/07/25 19:38	1
n-Butylbenzene	0.0011	U	0.0011	0.00033	mg/Kg	☼	10/05/25 17:36	10/07/25 19:38	1
N-Propylbenzene	0.0011	U	0.0011	0.00050	mg/Kg	☼	10/05/25 17:36	10/07/25 19:38	1
o-Xylene	0.0011	U	0.0011	0.00052	mg/Kg	☼	10/05/25 17:36	10/07/25 19:38	1
sec-Butylbenzene	0.0011	U	0.0011	0.00032	mg/Kg	☼	10/05/25 17:36	10/07/25 19:38	1
Styrene	0.0011	U	0.0011	0.00031	mg/Kg	☼	10/05/25 17:36	10/07/25 19:38	1
tert-Butylbenzene	0.0011	U	0.0011	0.00031	mg/Kg	☼	10/05/25 17:36	10/07/25 19:38	1
Tetrachloroethene	0.0011	U	0.0011	0.00034	mg/Kg	☼	10/05/25 17:36	10/07/25 19:38	1
Toluene	0.0011	U	0.0011	0.00026	mg/Kg	☼	10/05/25 17:36	10/07/25 19:38	1
trans-1,2-Dichloroethene	0.0011	U	0.0011	0.00028	mg/Kg	☼	10/05/25 17:36	10/07/25 19:38	1
trans-1,3-Dichloropropene	0.0011	U	0.0011	0.00030	mg/Kg	☼	10/05/25 17:36	10/07/25 19:38	1
Trichloroethene	0.0011	U	0.0011	0.00036	mg/Kg	☼	10/05/25 17:36	10/07/25 19:38	1
Trichlorofluoromethane	0.0011	U	0.0011	0.00046	mg/Kg	☼	10/05/25 17:36	10/07/25 19:38	1
Vinyl chloride	0.0011	U	0.0011	0.00061	mg/Kg	☼	10/05/25 17:36	10/07/25 19:38	1
Xylenes, Total	0.0022	U	0.0022	0.00020	mg/Kg	☼	10/05/25 17:36	10/07/25 19:38	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,2-Dichloroethane-d4 (Surr)	*111*		*65 - 138*	*10/05/25 17:36*	*10/07/25 19:38*	*1*
4-Bromofluorobenzene	*99*		*71 - 128*	*10/05/25 17:36*	*10/07/25 19:38*	*1*
Dibromofluoromethane (Surr)	*113*		*50 - 150*	*10/05/25 17:36*	*10/07/25 19:38*	*1*
Toluene-d8 (Surr)	*94*		*71 - 126*	*10/05/25 17:36*	*10/07/25 19:38*	*1*

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Percent Moisture (EPA Moisture)	**9.7**		1.0	1.0	%			10/05/25 17:33	1
Percent Solids (EPA Moisture)	**90.3**		1.0	1.0	%			10/05/25 17:33	1

Client Sample ID: 6B2_3-4
Date Collected: 10/01/25 12:25
Date Received: 10/01/25 16:15

Lab Sample ID: 460-336212-60
Matrix: Solid
Percent Solids: 93.7

Method: SW846 8260D - Volatile Organic Compounds by GC/MS

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1-Trichloroethane	0.00097	U	0.00097	0.00023	mg/Kg	☼	10/05/25 17:37	10/07/25 01:11	1
1,1,2,2-Tetrachloroethane	0.00097	U	0.00097	0.00050	mg/Kg	☼	10/05/25 17:37	10/07/25 01:11	1
1,1,2-Trichloro-1,2,2-trifluoroethane	0.00097	U	0.00097	0.00029	mg/Kg	☼	10/05/25 17:37	10/07/25 01:11	1
1,1,2-Trichloroethane	0.00097	U	0.00097	0.00058	mg/Kg	☼	10/05/25 17:37	10/07/25 01:11	1
1,1-Dichloroethane	0.00097	U	0.00097	0.00058	mg/Kg	☼	10/05/25 17:37	10/07/25 01:11	1
1,1-Dichloroethene	0.00097	U	0.00097	0.00022	mg/Kg	☼	10/05/25 17:37	10/07/25 01:11	1
1,2,3-Trichlorobenzene	0.00097	U	0.00097	0.00071	mg/Kg	☼	10/05/25 17:37	10/07/25 01:11	1
1,2,4-Trichlorobenzene	0.00097	U	0.00097	0.00035	mg/Kg	☼	10/05/25 17:37	10/07/25 01:11	1
1,2,4-Trimethylbenzene	0.00097	U	0.00097	0.00024	mg/Kg	☼	10/05/25 17:37	10/07/25 01:11	1
1,2-Dibromo-3-Chloropropane	0.00097	U	0.00097	0.00044	mg/Kg	☼	10/05/25 17:37	10/07/25 01:11	1
1,2-Dichlorobenzene	0.00097	U	0.00097	0.00035	mg/Kg	☼	10/05/25 17:37	10/07/25 01:11	1
1,2-Dichloroethane	0.00097	U	0.00097	0.00029	mg/Kg	☼	10/05/25 17:37	10/07/25 01:11	1
1,2-Dichloropropane	0.00097	U	0.00097	0.00041	mg/Kg	☼	10/05/25 17:37	10/07/25 01:11	1
1,3,5-Trimethylbenzene	0.00097	U	0.00097	0.00030	mg/Kg	☼	10/05/25 17:37	10/07/25 01:11	1
1,3-Dichlorobenzene	0.00097	U	0.00097	0.00035	mg/Kg	☼	10/05/25 17:37	10/07/25 01:11	1
1,4-Dichlorobenzene	0.00097	U	0.00097	0.00050	mg/Kg	☼	10/05/25 17:37	10/07/25 01:11	1
2-Butanone (MEK)	0.0048	U	0.0048	0.00036	mg/Kg	☼	10/05/25 17:37	10/07/25 01:11	1
2-Hexanone	0.0048	U	0.0048	0.0017	mg/Kg	☼	10/05/25 17:37	10/07/25 01:11	1
4-Methyl-2-pentanone (MIBK)	0.0048	U	0.0048	0.0015	mg/Kg	☼	10/05/25 17:37	10/07/25 01:11	1
Acetone	0.0058	U	0.0058	0.0055	mg/Kg	☼	10/05/25 17:37	10/07/25 01:11	1
Benzene	0.00097	U	0.00097	0.00055	mg/Kg	☼	10/05/25 17:37	10/07/25 01:11	1
Bromoform	0.00097	U	0.00097	0.00041	mg/Kg	☼	10/05/25 17:37	10/07/25 01:11	1
Bromomethane	0.0019	U	0.0019	0.00097	mg/Kg	☼	10/05/25 17:37	10/07/25 01:11	1
Carbon disulfide	0.00097	U	0.00097	0.00026	mg/Kg	☼	10/05/25 17:37	10/07/25 01:11	1
Carbon tetrachloride	0.00097	U	0.00097	0.00037	mg/Kg	☼	10/05/25 17:37	10/07/25 01:11	1
Chlorobenzene	0.00097	U	0.00097	0.00049	mg/Kg	☼	10/05/25 17:37	10/07/25 01:11	1
Chlorobromomethane	0.00097	U	0.00097	0.00058	mg/Kg	☼	10/05/25 17:37	10/07/25 01:11	1
Chlorodibromomethane	0.00097	U	0.00097	0.00052	mg/Kg	☼	10/05/25 17:37	10/07/25 01:11	1
Chloroethane	0.00097	U	0.00097	0.00050	mg/Kg	☼	10/05/25 17:37	10/07/25 01:11	1
Chloroform	0.00097	U	0.00097	0.00094	mg/Kg	☼	10/05/25 17:37	10/07/25 01:11	1
Chloromethane	0.00097	U	0.00097	0.00042	mg/Kg	☼	10/05/25 17:37	10/07/25 01:11	1
cis-1,2-Dichloroethene	0.00097	U	0.00097	0.00035	mg/Kg	☼	10/05/25 17:37	10/07/25 01:11	1
cis-1,3-Dichloropropene	0.00097	U	0.00097	0.00026	mg/Kg	☼	10/05/25 17:37	10/07/25 01:11	1
Cyclohexane	0.00097	U	0.00097	0.00021	mg/Kg	☼	10/05/25 17:37	10/07/25 01:11	1
Dichlorobromomethane	0.00097	U	0.00097	0.00025	mg/Kg	☼	10/05/25 17:37	10/07/25 01:11	1
Dichlorodifluoromethane	0.00097	U	0.00097	0.00033	mg/Kg	☼	10/05/25 17:37	10/07/25 01:11	1
Ethylbenzene	0.00097	U	0.00097	0.00045	mg/Kg	☼	10/05/25 17:37	10/07/25 01:11	1
Ethylene Dibromide	0.00097	U	0.00097	0.00049	mg/Kg	☼	10/05/25 17:37	10/07/25 01:11	1
Isopropylbenzene	0.00097	U	0.00097	0.00028	mg/Kg	☼	10/05/25 17:37	10/07/25 01:11	1
Methyl acetate	0.0048	U	0.0048	0.0042	mg/Kg	☼	10/05/25 17:37	10/07/25 01:11	1
Methyl tert-butyl ether	0.00097	U	0.00097	0.00049	mg/Kg	☼	10/05/25 17:37	10/07/25 01:11	1
Methylcyclohexane	0.00097	U	0.00097	0.00048	mg/Kg	☼	10/05/25 17:37	10/07/25 01:11	1
Methylene Chloride	**0.0027**		0.0019	0.0011	mg/Kg	☼	10/05/25 17:37	10/07/25 01:11	1
m-Xylene & p-Xylene	0.00097	U	0.00097	0.00041	mg/Kg	☼	10/05/25 17:37	10/07/25 01:11	1
n-Butylbenzene	0.00097	U	0.00097	0.00028	mg/Kg	☼	10/05/25 17:37	10/07/25 01:11	1
N-Propylbenzene	0.00097	U	0.00097	0.00043	mg/Kg	☼	10/05/25 17:37	10/07/25 01:11	1
o-Xylene	0.00097	U	0.00097	0.00045	mg/Kg	☼	10/05/25 17:37	10/07/25 01:11	1
sec-Butylbenzene	0.00097	U	0.00097	0.00028	mg/Kg	☼	10/05/25 17:37	10/07/25 01:11	1
Styrene	0.00097	U	0.00097	0.00027	mg/Kg	☼	10/05/25 17:37	10/07/25 01:11	1

Client Sample ID: 6B2_3-4

Lab Sample ID: 460-336212-60
Date Collected: 10/01/25 12:25
Matrix: Solid
Date Received: 10/01/25 16:15
Percent Solids: 93.7

Method: SW846 8260D - Volatile Organic Compounds by GC/MS (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
tert-Butylbenzene	0.00097	U	0.00097	0.00027	mg/Kg	☼	10/05/25 17:37	10/07/25 01:11	1
Tetrachloroethene	0.00097	U	0.00097	0.00029	mg/Kg	☼	10/05/25 17:37	10/07/25 01:11	1
Toluene	0.00097	U	0.00097	0.00023	mg/Kg	☼	10/05/25 17:37	10/07/25 01:11	1
trans-1,2-Dichloroethene	0.00097	U	0.00097	0.00024	mg/Kg	☼	10/05/25 17:37	10/07/25 01:11	1
trans-1,3-Dichloropropene	0.00097	U	0.00097	0.00026	mg/Kg	☼	10/05/25 17:37	10/07/25 01:11	1
Trichloroethene	0.00097	U	0.00097	0.00031	mg/Kg	☼	10/05/25 17:37	10/07/25 01:11	1
Trichlorofluoromethane	0.00097	U	0.00097	0.00039	mg/Kg	☼	10/05/25 17:37	10/07/25 01:11	1
Vinyl chloride	0.00097	U	0.00097	0.00053	mg/Kg	☼	10/05/25 17:37	10/07/25 01:11	1
Xylenes, Total	0.0019	U	0.0019	0.00017	mg/Kg	☼	10/05/25 17:37	10/07/25 01:11	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,2-Dichloroethane-d4 (Surr)	*114*		*65 - 138*	*10/05/25 17:37*	*10/07/25 01:11*	*1*
4-Bromofluorobenzene	*98*		*71 - 128*	*10/05/25 17:37*	*10/07/25 01:11*	*1*
Dibromofluoromethane (Surr)	*118*		*50 - 150*	*10/05/25 17:37*	*10/07/25 01:11*	*1*
Toluene-d8 (Surr)	*93*		*71 - 126*	*10/05/25 17:37*	*10/07/25 01:11*	*1*

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Percent Moisture (EPA Moisture)	**6.3**		1.0	1.0	%			10/05/25 17:33	1
Percent Solids (EPA Moisture)	**93.7**		1.0	1.0	%			10/05/25 17:33	1

Client Sample ID: 6B3_2-3

Lab Sample ID: 460-336212-61
Date Collected: 10/01/25 12:30
Matrix: Solid
Date Received: 10/01/25 16:15
Percent Solids: 90.1

Method: SW846 8260D - Volatile Organic Compounds by GC/MS

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1-Trichloroethane	0.00083	U	0.00083	0.00019	mg/Kg	☼	10/05/25 17:37	10/07/25 01:34	1
1,1,2,2-Tetrachloroethane	0.00083	U	0.00083	0.00043	mg/Kg	☼	10/05/25 17:37	10/07/25 01:34	1
1,1,2-Trichloro-1,2,2-trifluoroethane	0.00083	U	0.00083	0.00025	mg/Kg	☼	10/05/25 17:37	10/07/25 01:34	1
1,1,2-Trichloroethane	0.00083	U	0.00083	0.00050	mg/Kg	☼	10/05/25 17:37	10/07/25 01:34	1
1,1-Dichloroethane	0.00083	U	0.00083	0.00050	mg/Kg	☼	10/05/25 17:37	10/07/25 01:34	1
1,1-Dichloroethene	0.00083	U	0.00083	0.00019	mg/Kg	☼	10/05/25 17:37	10/07/25 01:34	1
1,2,3-Trichlorobenzene	0.00083	U	0.00083	0.00061	mg/Kg	☼	10/05/25 17:37	10/07/25 01:34	1
1,2,4-Trichlorobenzene	0.00083	U	0.00083	0.00030	mg/Kg	☼	10/05/25 17:37	10/07/25 01:34	1
1,2,4-Trimethylbenzene	0.00083	U	0.00083	0.00020	mg/Kg	☼	10/05/25 17:37	10/07/25 01:34	1
1,2-Dibromo-3-Chloropropane	0.00083	U	0.00083	0.00038	mg/Kg	☼	10/05/25 17:37	10/07/25 01:34	1
1,2-Dichlorobenzene	0.00083	U	0.00083	0.00030	mg/Kg	☼	10/05/25 17:37	10/07/25 01:34	1
1,2-Dichloroethane	0.00083	U	0.00083	0.00025	mg/Kg	☼	10/05/25 17:37	10/07/25 01:34	1
1,2-Dichloropropane	0.00083	U	0.00083	0.00035	mg/Kg	☼	10/05/25 17:37	10/07/25 01:34	1
1,3,5-Trimethylbenzene	0.00083	U	0.00083	0.00026	mg/Kg	☼	10/05/25 17:37	10/07/25 01:34	1
1,3-Dichlorobenzene	0.00083	U	0.00083	0.00030	mg/Kg	☼	10/05/25 17:37	10/07/25 01:34	1
1,4-Dichlorobenzene	0.00083	U	0.00083	0.00043	mg/Kg	☼	10/05/25 17:37	10/07/25 01:34	1
2-Butanone (MEK)	0.0042	U	0.0042	0.00031	mg/Kg	☼	10/05/25 17:37	10/07/25 01:34	1
2-Hexanone	0.0042	U	0.0042	0.0014	mg/Kg	☼	10/05/25 17:37	10/07/25 01:34	1
4-Methyl-2-pentanone (MIBK)	0.0042	U	0.0042	0.0013	mg/Kg	☼	10/05/25 17:37	10/07/25 01:34	1
Acetone	0.0050	U	0.0050	0.0047	mg/Kg	☼	10/05/25 17:37	10/07/25 01:34	1
Benzene	0.00083	U	0.00083	0.00047	mg/Kg	☼	10/05/25 17:37	10/07/25 01:34	1
Bromoform	0.00083	U	0.00083	0.00035	mg/Kg	☼	10/05/25 17:37	10/07/25 01:34	1
Bromomethane	0.0017	U	0.0017	0.00083	mg/Kg	☼	10/05/25 17:37	10/07/25 01:34	1

Client Sample ID: 6B3_2-3
Date Collected: 10/01/25 12:30
Date Received: 10/01/25 16:15

Lab Sample ID: 460-336212-61
Matrix: Solid
Percent Solids: 90.1

Method: SW846 8260D - Volatile Organic Compounds by GC/MS (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Carbon disulfide	0.00083	U	0.00083	0.00022	mg/Kg	☼	10/05/25 17:37	10/07/25 01:34	1
Carbon tetrachloride	0.00083	U	0.00083	0.00032	mg/Kg	☼	10/05/25 17:37	10/07/25 01:34	1
Chlorobenzene	0.00083	U	0.00083	0.00042	mg/Kg	☼	10/05/25 17:37	10/07/25 01:34	1
Chlorobromomethane	0.00083	U	0.00083	0.00049	mg/Kg	☼	10/05/25 17:37	10/07/25 01:34	1
Chlorodibromomethane	0.00083	U	0.00083	0.00045	mg/Kg	☼	10/05/25 17:37	10/07/25 01:34	1
Chloroethane	0.00083	U	0.00083	0.00043	mg/Kg	☼	10/05/25 17:37	10/07/25 01:34	1
Chloroform	0.00083	U	0.00083	0.00081	mg/Kg	☼	10/05/25 17:37	10/07/25 01:34	1
Chloromethane	0.00083	U	0.00083	0.00036	mg/Kg	☼	10/05/25 17:37	10/07/25 01:34	1
cis-1,2-Dichloroethene	0.00083	U	0.00083	0.00030	mg/Kg	☼	10/05/25 17:37	10/07/25 01:34	1
cis-1,3-Dichloropropene	0.00083	U	0.00083	0.00023	mg/Kg	☼	10/05/25 17:37	10/07/25 01:34	1
Cyclohexane	0.00083	U	0.00083	0.00018	mg/Kg	☼	10/05/25 17:37	10/07/25 01:34	1
Dichlorobromomethane	0.00083	U	0.00083	0.00021	mg/Kg	☼	10/05/25 17:37	10/07/25 01:34	1
Dichlorodifluoromethane	0.00083	U	0.00083	0.00028	mg/Kg	☼	10/05/25 17:37	10/07/25 01:34	1
Ethylbenzene	0.00083	U	0.00083	0.00039	mg/Kg	☼	10/05/25 17:37	10/07/25 01:34	1
Ethylene Dibromide	0.00083	U	0.00083	0.00042	mg/Kg	☼	10/05/25 17:37	10/07/25 01:34	1
Isopropylbenzene	0.00083	U	0.00083	0.00024	mg/Kg	☼	10/05/25 17:37	10/07/25 01:34	1
Methyl acetate	0.0042	U	0.0042	0.0036	mg/Kg	☼	10/05/25 17:37	10/07/25 01:34	1
Methyl tert-butyl ether	0.00083	U	0.00083	0.00043	mg/Kg	☼	10/05/25 17:37	10/07/25 01:34	1
Methylcyclohexane	0.00083	U	0.00083	0.00041	mg/Kg	☼	10/05/25 17:37	10/07/25 01:34	1
Methylene Chloride	**0.0012**	**J**	0.0017	0.00095	mg/Kg	☼	10/05/25 17:37	10/07/25 01:34	1
m-Xylene & p-Xylene	0.00083	U	0.00083	0.00035	mg/Kg	☼	10/05/25 17:37	10/07/25 01:34	1
n-Butylbenzene	0.00083	U	0.00083	0.00024	mg/Kg	☼	10/05/25 17:37	10/07/25 01:34	1
N-Propylbenzene	0.00083	U	0.00083	0.00037	mg/Kg	☼	10/05/25 17:37	10/07/25 01:34	1
o-Xylene	0.00083	U	0.00083	0.00038	mg/Kg	☼	10/05/25 17:37	10/07/25 01:34	1
sec-Butylbenzene	0.00083	U	0.00083	0.00024	mg/Kg	☼	10/05/25 17:37	10/07/25 01:34	1
Styrene	0.00083	U	0.00083	0.00023	mg/Kg	☼	10/05/25 17:37	10/07/25 01:34	1
tert-Butylbenzene	0.00083	U	0.00083	0.00023	mg/Kg	☼	10/05/25 17:37	10/07/25 01:34	1
Tetrachloroethene	0.00083	U	0.00083	0.00025	mg/Kg	☼	10/05/25 17:37	10/07/25 01:34	1
Toluene	0.00083	U	0.00083	0.00019	mg/Kg	☼	10/05/25 17:37	10/07/25 01:34	1
trans-1,2-Dichloroethene	0.00083	U	0.00083	0.00020	mg/Kg	☼	10/05/25 17:37	10/07/25 01:34	1
trans-1,3-Dichloropropene	0.00083	U	0.00083	0.00022	mg/Kg	☼	10/05/25 17:37	10/07/25 01:34	1
Trichloroethene	0.00083	U	0.00083	0.00027	mg/Kg	☼	10/05/25 17:37	10/07/25 01:34	1
Trichlorofluoromethane	0.00083	U	0.00083	0.00034	mg/Kg	☼	10/05/25 17:37	10/07/25 01:34	1
Vinyl chloride	0.00083	U	0.00083	0.00045	mg/Kg	☼	10/05/25 17:37	10/07/25 01:34	1
Xylenes, Total	0.0017	U	0.0017	0.00014	mg/Kg	☼	10/05/25 17:37	10/07/25 01:34	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,2-Dichloroethane-d4 (Surr)	*113*		*65 - 138*	*10/05/25 17:37*	*10/07/25 01:34*	*1*
4-Bromofluorobenzene	*97*		*71 - 128*	*10/05/25 17:37*	*10/07/25 01:34*	*1*
Dibromofluoromethane (Surr)	*115*		*50 - 150*	*10/05/25 17:37*	*10/07/25 01:34*	*1*
Toluene-d8 (Surr)	*95*		*71 - 126*	*10/05/25 17:37*	*10/07/25 01:34*	*1*

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Percent Moisture (EPA Moisture)	**9.9**		1.0	1.0	%			10/05/25 17:33	1
Percent Solids (EPA Moisture)	**90.1**		1.0	1.0	%			10/05/25 17:33	1

Client Sample ID: 6B1_5-6
Date Collected: 10/01/25 12:35
Date Received: 10/01/25 16:15

Lab Sample ID: 460-336212-62
Matrix: Solid
Percent Solids: 89.9

Method: SW846 8260D - Volatile Organic Compounds by GC/MS

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1-Trichloroethane	0.0012	U	0.0012	0.00027	mg/Kg	☼	10/05/25 17:38	10/07/25 01:57	1
1,1,2,2-Tetrachloroethane	0.0012	U	0.0012	0.00061	mg/Kg	☼	10/05/25 17:38	10/07/25 01:57	1
1,1,2-Trichloro-1,2,2-trifluoroethane	0.0012	U	0.0012	0.00035	mg/Kg	☼	10/05/25 17:38	10/07/25 01:57	1
1,1,2-Trichloroethane	0.0012	U	0.0012	0.00071	mg/Kg	☼	10/05/25 17:38	10/07/25 01:57	1
1,1-Dichloroethane	0.0012	U	0.0012	0.00070	mg/Kg	☼	10/05/25 17:38	10/07/25 01:57	1
1,1-Dichloroethene	0.0012	U	0.0012	0.00026	mg/Kg	☼	10/05/25 17:38	10/07/25 01:57	1
1,2,3-Trichlorobenzene	0.0012	U	0.0012	0.00087	mg/Kg	☼	10/05/25 17:38	10/07/25 01:57	1
1,2,4-Trichlorobenzene	0.0012	U	0.0012	0.00042	mg/Kg	☼	10/05/25 17:38	10/07/25 01:57	1
1,2,4-Trimethylbenzene	0.0012	U	0.0012	0.00029	mg/Kg	☼	10/05/25 17:38	10/07/25 01:57	1
1,2-Dibromo-3-Chloropropane	0.0012	U	0.0012	0.00054	mg/Kg	☼	10/05/25 17:38	10/07/25 01:57	1
1,2-Dichlorobenzene	0.0012	U	0.0012	0.00042	mg/Kg	☼	10/05/25 17:38	10/07/25 01:57	1
1,2-Dichloroethane	0.0012	U	0.0012	0.00035	mg/Kg	☼	10/05/25 17:38	10/07/25 01:57	1
1,2-Dichloropropane	0.0012	U	0.0012	0.00050	mg/Kg	☼	10/05/25 17:38	10/07/25 01:57	1
1,3,5-Trimethylbenzene	0.0012	U	0.0012	0.00037	mg/Kg	☼	10/05/25 17:38	10/07/25 01:57	1
1,3-Dichlorobenzene	0.0012	U	0.0012	0.00043	mg/Kg	☼	10/05/25 17:38	10/07/25 01:57	1
1,4-Dichlorobenzene	0.0012	U	0.0012	0.00061	mg/Kg	☼	10/05/25 17:38	10/07/25 01:57	1
2-Butanone (MEK)	0.0059	U	0.0059	0.00043	mg/Kg	☼	10/05/25 17:38	10/07/25 01:57	1
2-Hexanone	0.0059	U	0.0059	0.0020	mg/Kg	☼	10/05/25 17:38	10/07/25 01:57	1
4-Methyl-2-pentanone (MIBK)	0.0059	U	0.0059	0.0018	mg/Kg	☼	10/05/25 17:38	10/07/25 01:57	1
Acetone	**0.23**		0.0071	0.0067	mg/Kg	☼	10/05/25 17:38	10/07/25 01:57	1
Benzene	0.0012	U	0.0012	0.00067	mg/Kg	☼	10/05/25 17:38	10/07/25 01:57	1
Bromoform	0.0012	U	0.0012	0.00050	mg/Kg	☼	10/05/25 17:38	10/07/25 01:57	1
Bromomethane	0.0024	U	0.0024	0.0012	mg/Kg	☼	10/05/25 17:38	10/07/25 01:57	1
Carbon disulfide	0.0012	U	0.0012	0.00031	mg/Kg	☼	10/05/25 17:38	10/07/25 01:57	1
Carbon tetrachloride	0.0012	U	0.0012	0.00046	mg/Kg	☼	10/05/25 17:38	10/07/25 01:57	1
Chlorobenzene	0.0012	U	0.0012	0.00060	mg/Kg	☼	10/05/25 17:38	10/07/25 01:57	1
Chlorobromomethane	0.0012	U	0.0012	0.00070	mg/Kg	☼	10/05/25 17:38	10/07/25 01:57	1
Chlorodibromomethane	0.0012	U	0.0012	0.00063	mg/Kg	☼	10/05/25 17:38	10/07/25 01:57	1
Chloroethane	0.0012	U	0.0012	0.00061	mg/Kg	☼	10/05/25 17:38	10/07/25 01:57	1
Chloroform	0.0012	U	0.0012	0.0011	mg/Kg	☼	10/05/25 17:38	10/07/25 01:57	1
Chloromethane	0.0012	U	0.0012	0.00051	mg/Kg	☼	10/05/25 17:38	10/07/25 01:57	1
cis-1,2-Dichloroethene	0.0012	U	0.0012	0.00042	mg/Kg	☼	10/05/25 17:38	10/07/25 01:57	1
cis-1,3-Dichloropropene	0.0012	U	0.0012	0.00032	mg/Kg	☼	10/05/25 17:38	10/07/25 01:57	1
Cyclohexane	0.0012	U	0.0012	0.00026	mg/Kg	☼	10/05/25 17:38	10/07/25 01:57	1
Dichlorobromomethane	0.0012	U	0.0012	0.00030	mg/Kg	☼	10/05/25 17:38	10/07/25 01:57	1
Dichlorodifluoromethane	0.0012	U	0.0012	0.00040	mg/Kg	☼	10/05/25 17:38	10/07/25 01:57	1
Ethylbenzene	0.0012	U	0.0012	0.00055	mg/Kg	☼	10/05/25 17:38	10/07/25 01:57	1
Ethylene Dibromide	0.0012	U	0.0012	0.00059	mg/Kg	☼	10/05/25 17:38	10/07/25 01:57	1
Isopropylbenzene	0.0012	U	0.0012	0.00034	mg/Kg	☼	10/05/25 17:38	10/07/25 01:57	1
Methyl acetate	0.0059	U	0.0059	0.0051	mg/Kg	☼	10/05/25 17:38	10/07/25 01:57	1
Methyl tert-butyl ether	0.0012	U	0.0012	0.00060	mg/Kg	☼	10/05/25 17:38	10/07/25 01:57	1
Methylcyclohexane	0.0012	U	0.0012	0.00059	mg/Kg	☼	10/05/25 17:38	10/07/25 01:57	1
Methylene Chloride	**0.0039**		0.0024	0.0013	mg/Kg	☼	10/05/25 17:38	10/07/25 01:57	1
m-Xylene & p-Xylene	0.0012	U	0.0012	0.00050	mg/Kg	☼	10/05/25 17:38	10/07/25 01:57	1
n-Butylbenzene	0.0012	U	0.0012	0.00035	mg/Kg	☼	10/05/25 17:38	10/07/25 01:57	1
N-Propylbenzene	0.0012	U	0.0012	0.00053	mg/Kg	☼	10/05/25 17:38	10/07/25 01:57	1
o-Xylene	0.0012	U	0.0012	0.00054	mg/Kg	☼	10/05/25 17:38	10/07/25 01:57	1
sec-Butylbenzene	0.0012	U	0.0012	0.00034	mg/Kg	☼	10/05/25 17:38	10/07/25 01:57	1
Styrene	0.0012	U	0.0012	0.00033	mg/Kg	☼	10/05/25 17:38	10/07/25 01:57	1

Client Sample ID: 6B1_5-6

Date Collected: 10/01/25 12:35
Date Received: 10/01/25 16:15

Lab Sample ID: 460-336212-62

Matrix: Solid
Percent Solids: 89.9

Method: SW846 8260D - Volatile Organic Compounds by GC/MS (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
tert-Butylbenzene	0.0012	U	0.0012	0.00032	mg/Kg	☼	10/05/25 17:38	10/07/25 01:57	1
Tetrachloroethene	0.0012	U	0.0012	0.00036	mg/Kg	☼	10/05/25 17:38	10/07/25 01:57	1
Toluene	0.0012	U	0.0012	0.00028	mg/Kg	☼	10/05/25 17:38	10/07/25 01:57	1
trans-1,2-Dichloroethene	0.0012	U	0.0012	0.00029	mg/Kg	☼	10/05/25 17:38	10/07/25 01:57	1
trans-1,3-Dichloropropene	0.0012	U	0.0012	0.00031	mg/Kg	☼	10/05/25 17:38	10/07/25 01:57	1
Trichloroethene	0.0012	U	0.0012	0.00038	mg/Kg	☼	10/05/25 17:38	10/07/25 01:57	1
Trichlorofluoromethane	0.0012	U	0.0012	0.00048	mg/Kg	☼	10/05/25 17:38	10/07/25 01:57	1
Vinyl chloride	0.0012	U	0.0012	0.00064	mg/Kg	☼	10/05/25 17:38	10/07/25 01:57	1
Xylenes, Total	0.0024	U	0.0024	0.00020	mg/Kg	☼	10/05/25 17:38	10/07/25 01:57	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,2-Dichloroethane-d4 (Surr)	*113*		*65 - 138*	*10/05/25 17:38*	*10/07/25 01:57*	*1*
4-Bromofluorobenzene	*99*		*71 - 128*	*10/05/25 17:38*	*10/07/25 01:57*	*1*
Dibromofluoromethane (Surr)	*116*		*50 - 150*	*10/05/25 17:38*	*10/07/25 01:57*	*1*
Toluene-d8 (Surr)	*94*		*71 - 126*	*10/05/25 17:38*	*10/07/25 01:57*	*1*

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Percent Moisture (EPA Moisture)	**10.1**		1.0	1.0	%			10/05/25 17:33	1
Percent Solids (EPA Moisture)	**89.9**		1.0	1.0	%			10/05/25 17:33	1

Client Sample ID: 6B2_6-7

Date Collected: 10/01/25 12:40
Date Received: 10/01/25 16:15

Lab Sample ID: 460-336212-63

Matrix: Solid
Percent Solids: 88.4

Method: SW846 8260D - Volatile Organic Compounds by GC/MS

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1-Trichloroethane	0.0015	U	0.0015	0.00034	mg/Kg	☼	10/05/25 17:38	10/07/25 02:20	1
1,1,2,2-Tetrachloroethane	0.0015	U	0.0015	0.00077	mg/Kg	☼	10/05/25 17:38	10/07/25 02:20	1
1,1,2-Trichloro-1,2,2-trifluoroethane	0.0015	U	0.0015	0.00044	mg/Kg	☼	10/05/25 17:38	10/07/25 02:20	1
1,1,2-Trichloroethane	0.0015	U	0.0015	0.00089	mg/Kg	☼	10/05/25 17:38	10/07/25 02:20	1
1,1-Dichloroethane	0.0015	U	0.0015	0.00088	mg/Kg	☼	10/05/25 17:38	10/07/25 02:20	1
1,1-Dichloroethene	0.0015	U	0.0015	0.00033	mg/Kg	☼	10/05/25 17:38	10/07/25 02:20	1
1,2,3-Trichlorobenzene	0.0015	U	0.0015	0.0011	mg/Kg	☼	10/05/25 17:38	10/07/25 02:20	1
1,2,4-Trichlorobenzene	0.0015	U	0.0015	0.00053	mg/Kg	☼	10/05/25 17:38	10/07/25 02:20	1
1,2,4-Trimethylbenzene	0.0015	U	0.0015	0.00036	mg/Kg	☼	10/05/25 17:38	10/07/25 02:20	1
1,2-Dibromo-3-Chloropropane	0.0015	U	0.0015	0.00068	mg/Kg	☼	10/05/25 17:38	10/07/25 02:20	1
1,2-Dichlorobenzene	0.0015	U	0.0015	0.00053	mg/Kg	☼	10/05/25 17:38	10/07/25 02:20	1
1,2-Dichloroethane	0.0015	U	0.0015	0.00044	mg/Kg	☼	10/05/25 17:38	10/07/25 02:20	1
1,2-Dichloropropane	0.0015	U	0.0015	0.00062	mg/Kg	☼	10/05/25 17:38	10/07/25 02:20	1
1,3,5-Trimethylbenzene	0.0015	U	0.0015	0.00046	mg/Kg	☼	10/05/25 17:38	10/07/25 02:20	1
1,3-Dichlorobenzene	0.0015	U	0.0015	0.00054	mg/Kg	☼	10/05/25 17:38	10/07/25 02:20	1
1,4-Dichlorobenzene	0.0015	U	0.0015	0.00077	mg/Kg	☼	10/05/25 17:38	10/07/25 02:20	1
2-Butanone (MEK)	0.0074	U	0.0074	0.00054	mg/Kg	☼	10/05/25 17:38	10/07/25 02:20	1
2-Hexanone	0.0074	U	0.0074	0.0025	mg/Kg	☼	10/05/25 17:38	10/07/25 02:20	1
4-Methyl-2-pentanone (MIBK)	0.0074	U	0.0074	0.0023	mg/Kg	☼	10/05/25 17:38	10/07/25 02:20	1
Acetone	0.0089	U	0.0089	0.0084	mg/Kg	☼	10/05/25 17:38	10/07/25 02:20	1
Benzene	0.0015	U	0.0015	0.00084	mg/Kg	☼	10/05/25 17:38	10/07/25 02:20	1
Bromoform	0.0015	U	0.0015	0.00063	mg/Kg	☼	10/05/25 17:38	10/07/25 02:20	1
Bromomethane	0.0030	U	0.0030	0.0015	mg/Kg	☼	10/05/25 17:38	10/07/25 02:20	1

Client Sample ID: 6B2_6-7
Date Collected: 10/01/25 12:40
Date Received: 10/01/25 16:15

Lab Sample ID: 460-336212-63
Matrix: Solid
Percent Solids: 88.4

Method: SW846 8260D - Volatile Organic Compounds by GC/MS (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Carbon disulfide	0.0015	U	0.0015	0.00039	mg/Kg	☼	10/05/25 17:38	10/07/25 02:20	1
Carbon tetrachloride	0.0015	U	0.0015	0.00057	mg/Kg	☼	10/05/25 17:38	10/07/25 02:20	1
Chlorobenzene	0.0015	U	0.0015	0.00075	mg/Kg	☼	10/05/25 17:38	10/07/25 02:20	1
Chlorobromomethane	0.0015	U	0.0015	0.00088	mg/Kg	☼	10/05/25 17:38	10/07/25 02:20	1
Chlorodibromomethane	0.0015	U	0.0015	0.00079	mg/Kg	☼	10/05/25 17:38	10/07/25 02:20	1
Chloroethane	0.0015	U	0.0015	0.00077	mg/Kg	☼	10/05/25 17:38	10/07/25 02:20	1
Chloroform	0.0015	U	0.0015	0.0014	mg/Kg	☼	10/05/25 17:38	10/07/25 02:20	1
Chloromethane	0.0015	U	0.0015	0.00064	mg/Kg	☼	10/05/25 17:38	10/07/25 02:20	1
cis-1,2-Dichloroethene	0.0015	U	0.0015	0.00053	mg/Kg	☼	10/05/25 17:38	10/07/25 02:20	1
cis-1,3-Dichloropropene	0.0015	U	0.0015	0.00040	mg/Kg	☼	10/05/25 17:38	10/07/25 02:20	1
Cyclohexane	0.0015	U	0.0015	0.00033	mg/Kg	☼	10/05/25 17:38	10/07/25 02:20	1
Dichlorobromomethane	0.0015	U	0.0015	0.00038	mg/Kg	☼	10/05/25 17:38	10/07/25 02:20	1
Dichlorodifluoromethane	0.0015	U	0.0015	0.00050	mg/Kg	☼	10/05/25 17:38	10/07/25 02:20	1
Ethylbenzene	0.0015	U	0.0015	0.00069	mg/Kg	☼	10/05/25 17:38	10/07/25 02:20	1
Ethylene Dibromide	0.0015	U	0.0015	0.00074	mg/Kg	☼	10/05/25 17:38	10/07/25 02:20	1
Isopropylbenzene	0.0015	U	0.0015	0.00042	mg/Kg	☼	10/05/25 17:38	10/07/25 02:20	1
Methyl acetate	0.0074	U	0.0074	0.0063	mg/Kg	☼	10/05/25 17:38	10/07/25 02:20	1
Methyl tert-butyl ether	0.0015	U	0.0015	0.00076	mg/Kg	☼	10/05/25 17:38	10/07/25 02:20	1
Methylcyclohexane	0.0015	U	0.0015	0.00074	mg/Kg	☼	10/05/25 17:38	10/07/25 02:20	1
Methylene Chloride	**0.0051**		0.0030	0.0017	mg/Kg	☼	10/05/25 17:38	10/07/25 02:20	1
m-Xylene & p-Xylene	0.0015	U	0.0015	0.00062	mg/Kg	☼	10/05/25 17:38	10/07/25 02:20	1
n-Butylbenzene	0.0015	U	0.0015	0.00043	mg/Kg	☼	10/05/25 17:38	10/07/25 02:20	1
N-Propylbenzene	0.0015	U	0.0015	0.00066	mg/Kg	☼	10/05/25 17:38	10/07/25 02:20	1
o-Xylene	0.0015	U	0.0015	0.00068	mg/Kg	☼	10/05/25 17:38	10/07/25 02:20	1
sec-Butylbenzene	0.0015	U	0.0015	0.00042	mg/Kg	☼	10/05/25 17:38	10/07/25 02:20	1
Styrene	0.0015	U	0.0015	0.00041	mg/Kg	☼	10/05/25 17:38	10/07/25 02:20	1
tert-Butylbenzene	0.0015	U	0.0015	0.00041	mg/Kg	☼	10/05/25 17:38	10/07/25 02:20	1
Tetrachloroethene	0.0015	U	0.0015	0.00045	mg/Kg	☼	10/05/25 17:38	10/07/25 02:20	1
Toluene	0.0015	U	0.0015	0.00035	mg/Kg	☼	10/05/25 17:38	10/07/25 02:20	1
trans-1,2-Dichloroethene	0.0015	U	0.0015	0.00036	mg/Kg	☼	10/05/25 17:38	10/07/25 02:20	1
trans-1,3-Dichloropropene	0.0015	U	0.0015	0.00039	mg/Kg	☼	10/05/25 17:38	10/07/25 02:20	1
Trichloroethene	0.0015	U	0.0015	0.00047	mg/Kg	☼	10/05/25 17:38	10/07/25 02:20	1
Trichlorofluoromethane	0.0015	U	0.0015	0.00060	mg/Kg	☼	10/05/25 17:38	10/07/25 02:20	1
Vinyl chloride	0.0015	U	0.0015	0.00081	mg/Kg	☼	10/05/25 17:38	10/07/25 02:20	1
Xylenes, Total	0.0030	U	0.0030	0.00026	mg/Kg	☼	10/05/25 17:38	10/07/25 02:20	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,2-Dichloroethane-d4 (Surr)	*112*		*65 - 138*	*10/05/25 17:38*	*10/07/25 02:20*	*1*
4-Bromofluorobenzene	*99*		*71 - 128*	*10/05/25 17:38*	*10/07/25 02:20*	*1*
Dibromofluoromethane (Surr)	*117*		*50 - 150*	*10/05/25 17:38*	*10/07/25 02:20*	*1*
Toluene-d8 (Surr)	*96*		*71 - 126*	*10/05/25 17:38*	*10/07/25 02:20*	*1*

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Percent Moisture (EPA Moisture)	**11.6**		1.0	1.0	%			10/05/25 17:33	1
Percent Solids (EPA Moisture)	**88.4**		1.0	1.0	%			10/05/25 17:33	1

Client: Haley & Aldrich, Inc.
Project/Site: Former Port Mobil

Job ID: 460-336212-1

Client Sample ID: 6B3_8-9
Date Collected: 10/01/25 12:45
Date Received: 10/01/25 16:15

Lab Sample ID: 460-336212-64
Matrix: Solid
Percent Solids: 91.4

Method: SW846 8260D - Volatile Organic Compounds by GC/MS

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1-Trichloroethane	0.0013	U	0.0013	0.00031	mg/Kg	☼	10/05/25 17:39	10/07/25 19:15	1
1,1,2,2-Tetrachloroethane	0.0013	U	0.0013	0.00070	mg/Kg	☼	10/05/25 17:39	10/07/25 19:15	1
1,1,2-Trichloro-1,2,2-trifluoroethane	0.0013	U	0.0013	0.00041	mg/Kg	☼	10/05/25 17:39	10/07/25 19:15	1
1,1,2-Trichloroethane	0.0013	U	0.0013	0.00081	mg/Kg	☼	10/05/25 17:39	10/07/25 19:15	1
1,1-Dichloroethane	0.0013	U	0.0013	0.00080	mg/Kg	☼	10/05/25 17:39	10/07/25 19:15	1
1,1-Dichloroethene	0.0013	U	0.0013	0.00030	mg/Kg	☼	10/05/25 17:39	10/07/25 19:15	1
1,2,3-Trichlorobenzene	0.0013	U	0.0013	0.00099	mg/Kg	☼	10/05/25 17:39	10/07/25 19:15	1
1,2,4-Trichlorobenzene	0.0013	U	0.0013	0.00048	mg/Kg	☼	10/05/25 17:39	10/07/25 19:15	1
1,2,4-Trimethylbenzene	0.0013	U	0.0013	0.00033	mg/Kg	☼	10/05/25 17:39	10/07/25 19:15	1
1,2-Dibromo-3-Chloropropane	0.0013	U	0.0013	0.00062	mg/Kg	☼	10/05/25 17:39	10/07/25 19:15	1
1,2-Dichlorobenzene	0.0013	U	0.0013	0.00049	mg/Kg	☼	10/05/25 17:39	10/07/25 19:15	1
1,2-Dichloroethane	0.0013	U	0.0013	0.00040	mg/Kg	☼	10/05/25 17:39	10/07/25 19:15	1
1,2-Dichloropropane	0.0013	U	0.0013	0.00057	mg/Kg	☼	10/05/25 17:39	10/07/25 19:15	1
1,3,5-Trimethylbenzene	0.0013	U	0.0013	0.00042	mg/Kg	☼	10/05/25 17:39	10/07/25 19:15	1
1,3-Dichlorobenzene	0.0013	U	0.0013	0.00049	mg/Kg	☼	10/05/25 17:39	10/07/25 19:15	1
1,4-Dichlorobenzene	0.0013	U	0.0013	0.00070	mg/Kg	☼	10/05/25 17:39	10/07/25 19:15	1
2-Butanone (MEK)	0.0067	U	0.0067	0.00050	mg/Kg	☼	10/05/25 17:39	10/07/25 19:15	1
2-Hexanone	0.0067	U	0.0067	0.0023	mg/Kg	☼	10/05/25 17:39	10/07/25 19:15	1
4-Methyl-2-pentanone (MIBK)	0.0067	U	0.0067	0.0021	mg/Kg	☼	10/05/25 17:39	10/07/25 19:15	1
Acetone	0.0081	U	0.0081	0.0077	mg/Kg	☼	10/05/25 17:39	10/07/25 19:15	1
Benzene	0.0013	U	0.0013	0.00076	mg/Kg	☼	10/05/25 17:39	10/07/25 19:15	1
Bromoform	0.0013	U	0.0013	0.00057	mg/Kg	☼	10/05/25 17:39	10/07/25 19:15	1
Bromomethane	0.0027	U	0.0027	0.0013	mg/Kg	☼	10/05/25 17:39	10/07/25 19:15	1
Carbon disulfide	0.0013	U	0.0013	0.00036	mg/Kg	☼	10/05/25 17:39	10/07/25 19:15	1
Carbon tetrachloride	0.0013	U	0.0013	0.00052	mg/Kg	☼	10/05/25 17:39	10/07/25 19:15	1
Chlorobenzene	0.0013	U	0.0013	0.00068	mg/Kg	☼	10/05/25 17:39	10/07/25 19:15	1
Chlorobromomethane	0.0013	U	0.0013	0.00080	mg/Kg	☼	10/05/25 17:39	10/07/25 19:15	1
Chlorodibromomethane	0.0013	U	0.0013	0.00072	mg/Kg	☼	10/05/25 17:39	10/07/25 19:15	1
Chloroethane	0.0013	U	0.0013	0.00070	mg/Kg	☼	10/05/25 17:39	10/07/25 19:15	1
Chloroform	0.0013	U	0.0013	0.0013	mg/Kg	☼	10/05/25 17:39	10/07/25 19:15	1
Chloromethane	0.0013	U	0.0013	0.00059	mg/Kg	☼	10/05/25 17:39	10/07/25 19:15	1
cis-1,2-Dichloroethene	0.0013	U	0.0013	0.00048	mg/Kg	☼	10/05/25 17:39	10/07/25 19:15	1
cis-1,3-Dichloropropene	0.0013	U	0.0013	0.00037	mg/Kg	☼	10/05/25 17:39	10/07/25 19:15	1
Cyclohexane	0.0013	U	0.0013	0.00030	mg/Kg	☼	10/05/25 17:39	10/07/25 19:15	1
Dichlorobromomethane	0.0013	U	0.0013	0.00035	mg/Kg	☼	10/05/25 17:39	10/07/25 19:15	1
Dichlorodifluoromethane	0.0013	U *	0.0013	0.00046	mg/Kg	☼	10/05/25 17:39	10/07/25 19:15	1
Ethylbenzene	0.0013	U	0.0013	0.00063	mg/Kg	☼	10/05/25 17:39	10/07/25 19:15	1
Ethylene Dibromide	0.0013	U	0.0013	0.00068	mg/Kg	☼	10/05/25 17:39	10/07/25 19:15	1
Isopropylbenzene	0.0013	U	0.0013	0.00038	mg/Kg	☼	10/05/25 17:39	10/07/25 19:15	1
Methyl acetate	0.0067	U	0.0067	0.0058	mg/Kg	☼	10/05/25 17:39	10/07/25 19:15	1
Methyl tert-butyl ether	0.0013	U	0.0013	0.00069	mg/Kg	☼	10/05/25 17:39	10/07/25 19:15	1
Methylcyclohexane	0.0013	U	0.0013	0.00067	mg/Kg	☼	10/05/25 17:39	10/07/25 19:15	1
Methylene Chloride	**0.0073**		0.0027	0.0015	mg/Kg	☼	10/05/25 17:39	10/07/25 19:15	1
m-Xylene & p-Xylene	0.0013	U	0.0013	0.00057	mg/Kg	☼	10/05/25 17:39	10/07/25 19:15	1
n-Butylbenzene	0.0013	U	0.0013	0.00040	mg/Kg	☼	10/05/25 17:39	10/07/25 19:15	1
N-Propylbenzene	0.0013	U	0.0013	0.00060	mg/Kg	☼	10/05/25 17:39	10/07/25 19:15	1
o-Xylene	0.0013	U	0.0013	0.00062	mg/Kg	☼	10/05/25 17:39	10/07/25 19:15	1
sec-Butylbenzene	0.0013	U	0.0013	0.00039	mg/Kg	☼	10/05/25 17:39	10/07/25 19:15	1
Styrene	0.0013	U	0.0013	0.00037	mg/Kg	☼	10/05/25 17:39	10/07/25 19:15	1

Client Sample ID: 6B3_8-9

Lab Sample ID: 460-336212-64

Date Collected: 10/01/25 12:45

Matrix: Solid

Date Received: 10/01/25 16:15

Percent Solids: 91.4

Method: SW846 8260D - Volatile Organic Compounds by GC/MS (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
tert-Butylbenzene	0.0013	U	0.0013	0.00037	mg/Kg	☼	10/05/25 17:39	10/07/25 19:15	1
Tetrachloroethene	0.0013	U	0.0013	0.00041	mg/Kg	☼	10/05/25 17:39	10/07/25 19:15	1
Toluene	0.0013	U	0.0013	0.00032	mg/Kg	☼	10/05/25 17:39	10/07/25 19:15	1
trans-1,2-Dichloroethene	0.0013	U	0.0013	0.00033	mg/Kg	☼	10/05/25 17:39	10/07/25 19:15	1
trans-1,3-Dichloropropene	0.0013	U	0.0013	0.00036	mg/Kg	☼	10/05/25 17:39	10/07/25 19:15	1
Trichloroethene	0.0013	U	0.0013	0.00043	mg/Kg	☼	10/05/25 17:39	10/07/25 19:15	1
Trichlorofluoromethane	0.0013	U	0.0013	0.00055	mg/Kg	☼	10/05/25 17:39	10/07/25 19:15	1
Vinyl chloride	0.0013	U	0.0013	0.00074	mg/Kg	☼	10/05/25 17:39	10/07/25 19:15	1
Xylenes, Total	0.0027	U	0.0027	0.00023	mg/Kg	☼	10/05/25 17:39	10/07/25 19:15	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,2-Dichloroethane-d4 (Surr)	*115*		*65 - 138*	*10/05/25 17:39*	*10/07/25 19:15*	*1*
4-Bromofluorobenzene	*96*		*71 - 128*	*10/05/25 17:39*	*10/07/25 19:15*	*1*
Dibromofluoromethane (Surr)	*118*		*50 - 150*	*10/05/25 17:39*	*10/07/25 19:15*	*1*
Toluene-d8 (Surr)	*93*		*71 - 126*	*10/05/25 17:39*	*10/07/25 19:15*	*1*

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Percent Moisture (EPA Moisture)	**8.6**		1.0	1.0	%			10/05/25 17:33	1
Percent Solids (EPA Moisture)	**91.4**		1.0	1.0	%			10/05/25 17:33	1

Client Sample ID: 6B1_9-10

Lab Sample ID: 460-336212-65

Date Collected: 10/01/25 12:50

Matrix: Solid

Date Received: 10/01/25 16:15

Percent Solids: 93.7

Method: SW846 8260D - Volatile Organic Compounds by GC/MS

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1-Trichloroethane	0.0012	U	0.0012	0.00028	mg/Kg	☼	10/05/25 17:39	10/07/25 03:06	1
1,1,2,2-Tetrachloroethane	0.0012	U	0.0012	0.00063	mg/Kg	☼	10/05/25 17:39	10/07/25 03:06	1
1,1,2-Trichloro-1,2,2-trifluoroethane	0.0012	U	0.0012	0.00037	mg/Kg	☼	10/05/25 17:39	10/07/25 03:06	1
1,1,2-Trichloroethane	0.0012	U	0.0012	0.00073	mg/Kg	☼	10/05/25 17:39	10/07/25 03:06	1
1,1-Dichloroethane	0.0012	U	0.0012	0.00072	mg/Kg	☼	10/05/25 17:39	10/07/25 03:06	1
1,1-Dichloroethene	0.0012	U	0.0012	0.00027	mg/Kg	☼	10/05/25 17:39	10/07/25 03:06	1
1,2,3-Trichlorobenzene	0.0012	U	0.0012	0.00090	mg/Kg	☼	10/05/25 17:39	10/07/25 03:06	1
1,2,4-Trichlorobenzene	0.0012	U	0.0012	0.00043	mg/Kg	☼	10/05/25 17:39	10/07/25 03:06	1
1,2,4-Trimethylbenzene	0.0012	U	0.0012	0.00030	mg/Kg	☼	10/05/25 17:39	10/07/25 03:06	1
1,2-Dibromo-3-Chloropropane	0.0012	U	0.0012	0.00056	mg/Kg	☼	10/05/25 17:39	10/07/25 03:06	1
1,2-Dichlorobenzene	0.0012	U	0.0012	0.00044	mg/Kg	☼	10/05/25 17:39	10/07/25 03:06	1
1,2-Dichloroethane	0.0012	U	0.0012	0.00036	mg/Kg	☼	10/05/25 17:39	10/07/25 03:06	1
1,2-Dichloropropane	0.0012	U	0.0012	0.00051	mg/Kg	☼	10/05/25 17:39	10/07/25 03:06	1
1,3,5-Trimethylbenzene	0.0012	U	0.0012	0.00038	mg/Kg	☼	10/05/25 17:39	10/07/25 03:06	1
1,3-Dichlorobenzene	0.0012	U	0.0012	0.00044	mg/Kg	☼	10/05/25 17:39	10/07/25 03:06	1
1,4-Dichlorobenzene	0.0012	U	0.0012	0.00063	mg/Kg	☼	10/05/25 17:39	10/07/25 03:06	1
2-Butanone (MEK)	0.0061	U	0.0061	0.00045	mg/Kg	☼	10/05/25 17:39	10/07/25 03:06	1
2-Hexanone	0.0061	U	0.0061	0.0021	mg/Kg	☼	10/05/25 17:39	10/07/25 03:06	1
4-Methyl-2-pentanone (MIBK)	0.0061	U	0.0061	0.0019	mg/Kg	☼	10/05/25 17:39	10/07/25 03:06	1
Acetone	0.0073	U	0.0073	0.0069	mg/Kg	☼	10/05/25 17:39	10/07/25 03:06	1
Benzene	0.0012	U	0.0012	0.00069	mg/Kg	☼	10/05/25 17:39	10/07/25 03:06	1
Bromoform	0.0012	U	0.0012	0.00052	mg/Kg	☼	10/05/25 17:39	10/07/25 03:06	1
Bromomethane	0.0024	U	0.0024	0.0012	mg/Kg	☼	10/05/25 17:39	10/07/25 03:06	1

Client Sample ID: 6B1_9-10
Date Collected: 10/01/25 12:50
Date Received: 10/01/25 16:15

Lab Sample ID: 460-336212-65
Matrix: Solid
Percent Solids: 93.7

Method: SW846 8260D - Volatile Organic Compounds by GC/MS (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Carbon disulfide	0.0012	U	0.0012	0.00032	mg/Kg	☼	10/05/25 17:39	10/07/25 03:06	1
Carbon tetrachloride	0.0012	U	0.0012	0.00047	mg/Kg	☼	10/05/25 17:39	10/07/25 03:06	1
Chlorobenzene	0.0012	U	0.0012	0.00062	mg/Kg	☼	10/05/25 17:39	10/07/25 03:06	1
Chlorobromomethane	0.0012	U	0.0012	0.00072	mg/Kg	☼	10/05/25 17:39	10/07/25 03:06	1
Chlorodibromomethane	0.0012	U	0.0012	0.00065	mg/Kg	☼	10/05/25 17:39	10/07/25 03:06	1
Chloroethane	0.0012	U	0.0012	0.00063	mg/Kg	☼	10/05/25 17:39	10/07/25 03:06	1
Chloroform	0.0012	U	0.0012	0.0012	mg/Kg	☼	10/05/25 17:39	10/07/25 03:06	1
Chloromethane	0.0012	U	0.0012	0.00053	mg/Kg	☼	10/05/25 17:39	10/07/25 03:06	1
cis-1,2-Dichloroethene	0.0012	U	0.0012	0.00043	mg/Kg	☼	10/05/25 17:39	10/07/25 03:06	1
cis-1,3-Dichloropropene	0.0012	U	0.0012	0.00033	mg/Kg	☼	10/05/25 17:39	10/07/25 03:06	1
Cyclohexane	0.0012	U	0.0012	0.00027	mg/Kg	☼	10/05/25 17:39	10/07/25 03:06	1
Dichlorobromomethane	0.0012	U	0.0012	0.00031	mg/Kg	☼	10/05/25 17:39	10/07/25 03:06	1
Dichlorodifluoromethane	0.0012	U	0.0012	0.00041	mg/Kg	☼	10/05/25 17:39	10/07/25 03:06	1
Ethylbenzene	0.0012	U	0.0012	0.00057	mg/Kg	☼	10/05/25 17:39	10/07/25 03:06	1
Ethylene Dibromide	0.0012	U	0.0012	0.00061	mg/Kg	☼	10/05/25 17:39	10/07/25 03:06	1
Isopropylbenzene	0.0012	U	0.0012	0.00035	mg/Kg	☼	10/05/25 17:39	10/07/25 03:06	1
Methyl acetate	0.0061	U	0.0061	0.0052	mg/Kg	☼	10/05/25 17:39	10/07/25 03:06	1
Methyl tert-butyl ether	0.0012	U	0.0012	0.00062	mg/Kg	☼	10/05/25 17:39	10/07/25 03:06	1
Methylcyclohexane	0.0012	U	0.0012	0.00061	mg/Kg	☼	10/05/25 17:39	10/07/25 03:06	1
Methylene Chloride	**0.0023**	**J**	0.0024	0.0014	mg/Kg	☼	10/05/25 17:39	10/07/25 03:06	1
m-Xylene & p-Xylene	0.0012	U	0.0012	0.00051	mg/Kg	☼	10/05/25 17:39	10/07/25 03:06	1
n-Butylbenzene	0.0012	U	0.0012	0.00036	mg/Kg	☼	10/05/25 17:39	10/07/25 03:06	1
N-Propylbenzene	0.0012	U	0.0012	0.00054	mg/Kg	☼	10/05/25 17:39	10/07/25 03:06	1
o-Xylene	0.0012	U	0.0012	0.00056	mg/Kg	☼	10/05/25 17:39	10/07/25 03:06	1
sec-Butylbenzene	0.0012	U	0.0012	0.00035	mg/Kg	☼	10/05/25 17:39	10/07/25 03:06	1
Styrene	0.0012	U	0.0012	0.00034	mg/Kg	☼	10/05/25 17:39	10/07/25 03:06	1
tert-Butylbenzene	0.0012	U	0.0012	0.00033	mg/Kg	☼	10/05/25 17:39	10/07/25 03:06	1
Tetrachloroethene	0.0012	U	0.0012	0.00037	mg/Kg	☼	10/05/25 17:39	10/07/25 03:06	1
Toluene	0.0012	U	0.0012	0.00028	mg/Kg	☼	10/05/25 17:39	10/07/25 03:06	1
trans-1,2-Dichloroethene	0.0012	U	0.0012	0.00030	mg/Kg	☼	10/05/25 17:39	10/07/25 03:06	1
trans-1,3-Dichloropropene	0.0012	U	0.0012	0.00032	mg/Kg	☼	10/05/25 17:39	10/07/25 03:06	1
Trichloroethene	0.0012	U	0.0012	0.00039	mg/Kg	☼	10/05/25 17:39	10/07/25 03:06	1
Trichlorofluoromethane	0.0012	U	0.0012	0.00049	mg/Kg	☼	10/05/25 17:39	10/07/25 03:06	1
Vinyl chloride	0.0012	U	0.0012	0.00066	mg/Kg	☼	10/05/25 17:39	10/07/25 03:06	1
Xylenes, Total	0.0024	U	0.0024	0.00021	mg/Kg	☼	10/05/25 17:39	10/07/25 03:06	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,2-Dichloroethane-d4 (Surr)	*114*		*65 - 138*	*10/05/25 17:39*	*10/07/25 03:06*	*1*
4-Bromofluorobenzene	*97*		*71 - 128*	*10/05/25 17:39*	*10/07/25 03:06*	*1*
Dibromofluoromethane (Surr)	*118*		*50 - 150*	*10/05/25 17:39*	*10/07/25 03:06*	*1*
Toluene-d8 (Surr)	*95*		*71 - 126*	*10/05/25 17:39*	*10/07/25 03:06*	*1*

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Percent Moisture (EPA Moisture)	**6.3**		1.0	1.0	%			10/05/25 17:33	1
Percent Solids (EPA Moisture)	**93.7**		1.0	1.0	%			10/05/25 17:33	1

Client: Haley & Aldrich, Inc.
Project/Site: Former Port Mobil

Job ID: 460-336212-1

Client Sample ID: 6C1_1-2
Date Collected: 10/01/25 12:51
Date Received: 10/01/25 16:15

Lab Sample ID: 460-336212-66
Matrix: Solid
Percent Solids: 93.3

Method: SW846 8260D - Volatile Organic Compounds by GC/MS

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1-Trichloroethane	0.0011	U	0.0011	0.00027	mg/Kg	☼	10/05/25 17:39	10/07/25 03:29	1
1,1,2,2-Tetrachloroethane	0.0011	U	0.0011	0.00060	mg/Kg	☼	10/05/25 17:39	10/07/25 03:29	1
1,1,2-Trichloro-1,2,2-trifluoroethane	0.0011	U	0.0011	0.00035	mg/Kg	☼	10/05/25 17:39	10/07/25 03:29	1
1,1,2-Trichloroethane	0.0011	U	0.0011	0.00069	mg/Kg	☼	10/05/25 17:39	10/07/25 03:29	1
1,1-Dichloroethane	0.0011	U	0.0011	0.00069	mg/Kg	☼	10/05/25 17:39	10/07/25 03:29	1
1,1-Dichloroethene	0.0011	U	0.0011	0.00026	mg/Kg	☼	10/05/25 17:39	10/07/25 03:29	1
1,2,3-Trichlorobenzene	0.0011	U	0.0011	0.00085	mg/Kg	☼	10/05/25 17:39	10/07/25 03:29	1
1,2,4-Trichlorobenzene	0.0011	U	0.0011	0.00041	mg/Kg	☼	10/05/25 17:39	10/07/25 03:29	1
1,2,4-Trimethylbenzene	0.0011	U	0.0011	0.00028	mg/Kg	☼	10/05/25 17:39	10/07/25 03:29	1
1,2-Dibromo-3-Chloropropane	0.0011	U	0.0011	0.00053	mg/Kg	☼	10/05/25 17:39	10/07/25 03:29	1
1,2-Dichlorobenzene	0.0011	U	0.0011	0.00041	mg/Kg	☼	10/05/25 17:39	10/07/25 03:29	1
1,2-Dichloroethane	0.0011	U	0.0011	0.00034	mg/Kg	☼	10/05/25 17:39	10/07/25 03:29	1
1,2-Dichloropropane	0.0011	U	0.0011	0.00049	mg/Kg	☼	10/05/25 17:39	10/07/25 03:29	1
1,3,5-Trimethylbenzene	0.0011	U	0.0011	0.00036	mg/Kg	☼	10/05/25 17:39	10/07/25 03:29	1
1,3-Dichlorobenzene	0.0011	U	0.0011	0.00042	mg/Kg	☼	10/05/25 17:39	10/07/25 03:29	1
1,4-Dichlorobenzene	0.0011	U	0.0011	0.00060	mg/Kg	☼	10/05/25 17:39	10/07/25 03:29	1
2-Butanone (MEK)	0.0057	U	0.0057	0.00042	mg/Kg	☼	10/05/25 17:39	10/07/25 03:29	1
2-Hexanone	0.0057	U	0.0057	0.0020	mg/Kg	☼	10/05/25 17:39	10/07/25 03:29	1
4-Methyl-2-pentanone (MIBK)	0.0057	U	0.0057	0.0018	mg/Kg	☼	10/05/25 17:39	10/07/25 03:29	1
Acetone	0.0069	U	0.0069	0.0066	mg/Kg	☼	10/05/25 17:39	10/07/25 03:29	1
Benzene	0.0011	U	0.0011	0.00065	mg/Kg	☼	10/05/25 17:39	10/07/25 03:29	1
Bromoform	0.0011	U	0.0011	0.00049	mg/Kg	☼	10/05/25 17:39	10/07/25 03:29	1
Bromomethane	0.0023	U	0.0023	0.0011	mg/Kg	☼	10/05/25 17:39	10/07/25 03:29	1
Carbon disulfide	0.0011	U	0.0011	0.00031	mg/Kg	☼	10/05/25 17:39	10/07/25 03:29	1
Carbon tetrachloride	0.0011	U	0.0011	0.00044	mg/Kg	☼	10/05/25 17:39	10/07/25 03:29	1
Chlorobenzene	0.0011	U	0.0011	0.00058	mg/Kg	☼	10/05/25 17:39	10/07/25 03:29	1
Chlorobromomethane	0.0011	U	0.0011	0.00068	mg/Kg	☼	10/05/25 17:39	10/07/25 03:29	1
Chlorodibromomethane	0.0011	U	0.0011	0.00062	mg/Kg	☼	10/05/25 17:39	10/07/25 03:29	1
Chloroethane	0.0011	U	0.0011	0.00060	mg/Kg	☼	10/05/25 17:39	10/07/25 03:29	1
Chloroform	0.0011	U	0.0011	0.0011	mg/Kg	☼	10/05/25 17:39	10/07/25 03:29	1
Chloromethane	0.0011	U	0.0011	0.00050	mg/Kg	☼	10/05/25 17:39	10/07/25 03:29	1
cis-1,2-Dichloroethene	0.0011	U	0.0011	0.00041	mg/Kg	☼	10/05/25 17:39	10/07/25 03:29	1
cis-1,3-Dichloropropene	0.0011	U	0.0011	0.00031	mg/Kg	☼	10/05/25 17:39	10/07/25 03:29	1
Cyclohexane	0.0011	U	0.0011	0.00025	mg/Kg	☼	10/05/25 17:39	10/07/25 03:29	1
Dichlorobromomethane	0.0011	U	0.0011	0.00030	mg/Kg	☼	10/05/25 17:39	10/07/25 03:29	1
Dichlorodifluoromethane	0.0011	U	0.0011	0.00039	mg/Kg	☼	10/05/25 17:39	10/07/25 03:29	1
Ethylbenzene	0.0011	U	0.0011	0.00054	mg/Kg	☼	10/05/25 17:39	10/07/25 03:29	1
Ethylene Dibromide	0.0011	U	0.0011	0.00058	mg/Kg	☼	10/05/25 17:39	10/07/25 03:29	1
Isopropylbenzene	0.0011	U	0.0011	0.00033	mg/Kg	☼	10/05/25 17:39	10/07/25 03:29	1
Methyl acetate	0.0057	U	0.0057	0.0049	mg/Kg	☼	10/05/25 17:39	10/07/25 03:29	1
Methyl tert-butyl ether	0.0011	U	0.0011	0.00059	mg/Kg	☼	10/05/25 17:39	10/07/25 03:29	1
Methylcyclohexane	0.0011	U	0.0011	0.00057	mg/Kg	☼	10/05/25 17:39	10/07/25 03:29	1
Methylene Chloride	0.0023	U	0.0023	0.0013	mg/Kg	☼	10/05/25 17:39	10/07/25 03:29	1
m-Xylene & p-Xylene	0.0011	U	0.0011	0.00049	mg/Kg	☼	10/05/25 17:39	10/07/25 03:29	1
n-Butylbenzene	0.0011	U	0.0011	0.00034	mg/Kg	☼	10/05/25 17:39	10/07/25 03:29	1
N-Propylbenzene	0.0011	U	0.0011	0.00052	mg/Kg	☼	10/05/25 17:39	10/07/25 03:29	1
o-Xylene	0.0011	U	0.0011	0.00053	mg/Kg	☼	10/05/25 17:39	10/07/25 03:29	1
sec-Butylbenzene	0.0011	U	0.0011	0.00033	mg/Kg	☼	10/05/25 17:39	10/07/25 03:29	1
Styrene	0.0011	U	0.0011	0.00032	mg/Kg	☼	10/05/25 17:39	10/07/25 03:29	1

Client Sample ID: 6C1_1-2

Lab Sample ID: 460-336212-66

Date Collected: 10/01/25 12:51
Matrix: Solid
Date Received: 10/01/25 16:15
Percent Solids: 93.3

Method: SW846 8260D - Volatile Organic Compounds by GC/MS (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
tert-Butylbenzene	0.0011	U	0.0011	0.00032	mg/Kg	☼	10/05/25 17:39	10/07/25 03:29	1
Tetrachloroethene	0.0011	U	0.0011	0.00035	mg/Kg	☼	10/05/25 17:39	10/07/25 03:29	1
Toluene	0.0011	U	0.0011	0.00027	mg/Kg	☼	10/05/25 17:39	10/07/25 03:29	1
trans-1,2-Dichloroethene	0.0011	U	0.0011	0.00028	mg/Kg	☼	10/05/25 17:39	10/07/25 03:29	1
trans-1,3-Dichloropropene	0.0011	U	0.0011	0.00031	mg/Kg	☼	10/05/25 17:39	10/07/25 03:29	1
Trichloroethene	0.0011	U	0.0011	0.00037	mg/Kg	☼	10/05/25 17:39	10/07/25 03:29	1
Trichlorofluoromethane	0.0011	U	0.0011	0.00047	mg/Kg	☼	10/05/25 17:39	10/07/25 03:29	1
Vinyl chloride	0.0011	U	0.0011	0.00063	mg/Kg	☼	10/05/25 17:39	10/07/25 03:29	1
Xylenes, Total	0.0023	U	0.0023	0.00020	mg/Kg	☼	10/05/25 17:39	10/07/25 03:29	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,2-Dichloroethane-d4 (Surr)	*114*		*65 - 138*	*10/05/25 17:39*	*10/07/25 03:29*	*1*
4-Bromofluorobenzene	*98*		*71 - 128*	*10/05/25 17:39*	*10/07/25 03:29*	*1*
Dibromofluoromethane (Surr)	*115*		*50 - 150*	*10/05/25 17:39*	*10/07/25 03:29*	*1*
Toluene-d8 (Surr)	*95*		*71 - 126*	*10/05/25 17:39*	*10/07/25 03:29*	*1*

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Percent Moisture (EPA Moisture)	**6.7**		1.0	1.0	%			10/05/25 17:33	1
Percent Solids (EPA Moisture)	**93.3**		1.0	1.0	%			10/05/25 17:33	1

Client Sample ID: 6C2_2-3

Lab Sample ID: 460-336212-67

Date Collected: 10/01/25 12:55
Matrix: Solid
Date Received: 10/01/25 16:15
Percent Solids: 93.6

Method: SW846 8260D - Volatile Organic Compounds by GC/MS

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1-Trichloroethane	0.00094	U	0.00094	0.00022	mg/Kg	☼	10/05/25 17:40	10/07/25 03:52	1
1,1,2,2-Tetrachloroethane	0.00094	U	0.00094	0.00049	mg/Kg	☼	10/05/25 17:40	10/07/25 03:52	1
1,1,2-Trichloro-1,2,2-trifluoroethane	0.00094	U	0.00094	0.00028	mg/Kg	☼	10/05/25 17:40	10/07/25 03:52	1
1,1,2-Trichloroethane	0.00094	U	0.00094	0.00057	mg/Kg	☼	10/05/25 17:40	10/07/25 03:52	1
1,1-Dichloroethane	0.00094	U	0.00094	0.00056	mg/Kg	☼	10/05/25 17:40	10/07/25 03:52	1
1,1-Dichloroethene	0.00094	U	0.00094	0.00021	mg/Kg	☼	10/05/25 17:40	10/07/25 03:52	1
1,2,3-Trichlorobenzene	0.00094	U	0.00094	0.00069	mg/Kg	☼	10/05/25 17:40	10/07/25 03:52	1
1,2,4-Trichlorobenzene	0.00094	U	0.00094	0.00034	mg/Kg	☼	10/05/25 17:40	10/07/25 03:52	1
1,2,4-Trimethylbenzene	0.00094	U	0.00094	0.00023	mg/Kg	☼	10/05/25 17:40	10/07/25 03:52	1
1,2-Dibromo-3-Chloropropane	0.00094	U	0.00094	0.00043	mg/Kg	☼	10/05/25 17:40	10/07/25 03:52	1
1,2-Dichlorobenzene	0.00094	U	0.00094	0.00034	mg/Kg	☼	10/05/25 17:40	10/07/25 03:52	1
1,2-Dichloroethane	0.00094	U	0.00094	0.00028	mg/Kg	☼	10/05/25 17:40	10/07/25 03:52	1
1,2-Dichloropropane	0.00094	U	0.00094	0.00040	mg/Kg	☼	10/05/25 17:40	10/07/25 03:52	1
1,3,5-Trimethylbenzene	0.00094	U	0.00094	0.00030	mg/Kg	☼	10/05/25 17:40	10/07/25 03:52	1
1,3-Dichlorobenzene	0.00094	U	0.00094	0.00034	mg/Kg	☼	10/05/25 17:40	10/07/25 03:52	1
1,4-Dichlorobenzene	0.00094	U	0.00094	0.00049	mg/Kg	☼	10/05/25 17:40	10/07/25 03:52	1
2-Butanone (MEK)	0.0047	U	0.0047	0.00035	mg/Kg	☼	10/05/25 17:40	10/07/25 03:52	1
2-Hexanone	0.0047	U	0.0047	0.0016	mg/Kg	☼	10/05/25 17:40	10/07/25 03:52	1
4-Methyl-2-pentanone (MIBK)	0.0047	U	0.0047	0.0015	mg/Kg	☼	10/05/25 17:40	10/07/25 03:52	1
Acetone	0.0056	U	0.0056	0.0054	mg/Kg	☼	10/05/25 17:40	10/07/25 03:52	1
Benzene	0.00094	U	0.00094	0.00053	mg/Kg	☼	10/05/25 17:40	10/07/25 03:52	1
Bromoform	0.00094	U	0.00094	0.00040	mg/Kg	☼	10/05/25 17:40	10/07/25 03:52	1
Bromomethane	0.0019	U	0.0019	0.00094	mg/Kg	☼	10/05/25 17:40	10/07/25 03:52	1

Client Sample ID: 6C2_2-3
Date Collected: 10/01/25 12:55
Date Received: 10/01/25 16:15

Lab Sample ID: 460-336212-67
Matrix: Solid
Percent Solids: 93.6

Method: SW846 8260D - Volatile Organic Compounds by GC/MS (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Carbon disulfide	0.00094	U	0.00094	0.00025	mg/Kg	☼	10/05/25 17:40	10/07/25 03:52	1
Carbon tetrachloride	0.00094	U	0.00094	0.00036	mg/Kg	☼	10/05/25 17:40	10/07/25 03:52	1
Chlorobenzene	0.00094	U	0.00094	0.00048	mg/Kg	☼	10/05/25 17:40	10/07/25 03:52	1
Chlorobromomethane	0.00094	U	0.00094	0.00056	mg/Kg	☼	10/05/25 17:40	10/07/25 03:52	1
Chlorodibromomethane	0.00094	U	0.00094	0.00051	mg/Kg	☼	10/05/25 17:40	10/07/25 03:52	1
Chloroethane	0.00094	U	0.00094	0.00049	mg/Kg	☼	10/05/25 17:40	10/07/25 03:52	1
Chloroform	0.00094	U	0.00094	0.00091	mg/Kg	☼	10/05/25 17:40	10/07/25 03:52	1
Chloromethane	0.00094	U	0.00094	0.00041	mg/Kg	☼	10/05/25 17:40	10/07/25 03:52	1
cis-1,2-Dichloroethene	0.00094	U	0.00094	0.00034	mg/Kg	☼	10/05/25 17:40	10/07/25 03:52	1
cis-1,3-Dichloropropene	0.00094	U	0.00094	0.00026	mg/Kg	☼	10/05/25 17:40	10/07/25 03:52	1
Cyclohexane	0.00094	U	0.00094	0.00021	mg/Kg	☼	10/05/25 17:40	10/07/25 03:52	1
Dichlorobromomethane	0.00094	U	0.00094	0.00024	mg/Kg	☼	10/05/25 17:40	10/07/25 03:52	1
Dichlorodifluoromethane	0.00094	U	0.00094	0.00032	mg/Kg	☼	10/05/25 17:40	10/07/25 03:52	1
Ethylbenzene	0.00094	U	0.00094	0.00044	mg/Kg	☼	10/05/25 17:40	10/07/25 03:52	1
Ethylene Dibromide	0.00094	U	0.00094	0.00047	mg/Kg	☼	10/05/25 17:40	10/07/25 03:52	1
Isopropylbenzene	0.00094	U	0.00094	0.00027	mg/Kg	☼	10/05/25 17:40	10/07/25 03:52	1
Methyl acetate	0.0047	U	0.0047	0.0040	mg/Kg	☼	10/05/25 17:40	10/07/25 03:52	1
Methyl tert-butyl ether	0.00094	U	0.00094	0.00048	mg/Kg	☼	10/05/25 17:40	10/07/25 03:52	1
Methylcyclohexane	0.00094	U	0.00094	0.00047	mg/Kg	☼	10/05/25 17:40	10/07/25 03:52	1
Methylene Chloride	0.0019	U	0.0019	0.0011	mg/Kg	☼	10/05/25 17:40	10/07/25 03:52	1
m-Xylene & p-Xylene	0.00094	U	0.00094	0.00040	mg/Kg	☼	10/05/25 17:40	10/07/25 03:52	1
n-Butylbenzene	0.00094	U	0.00094	0.00028	mg/Kg	☼	10/05/25 17:40	10/07/25 03:52	1
N-Propylbenzene	0.00094	U	0.00094	0.00042	mg/Kg	☼	10/05/25 17:40	10/07/25 03:52	1
o-Xylene	0.00094	U	0.00094	0.00043	mg/Kg	☼	10/05/25 17:40	10/07/25 03:52	1
sec-Butylbenzene	0.00094	U	0.00094	0.00027	mg/Kg	☼	10/05/25 17:40	10/07/25 03:52	1
Styrene	0.00094	U	0.00094	0.00026	mg/Kg	☼	10/05/25 17:40	10/07/25 03:52	1
tert-Butylbenzene	0.00094	U	0.00094	0.00026	mg/Kg	☼	10/05/25 17:40	10/07/25 03:52	1
Tetrachloroethene	0.00094	U	0.00094	0.00029	mg/Kg	☼	10/05/25 17:40	10/07/25 03:52	1
Toluene	0.00094	U	0.00094	0.00022	mg/Kg	☼	10/05/25 17:40	10/07/25 03:52	1
trans-1,2-Dichloroethene	0.00094	U	0.00094	0.00023	mg/Kg	☼	10/05/25 17:40	10/07/25 03:52	1
trans-1,3-Dichloropropene	0.00094	U	0.00094	0.00025	mg/Kg	☼	10/05/25 17:40	10/07/25 03:52	1
Trichloroethene	0.00094	U	0.00094	0.00030	mg/Kg	☼	10/05/25 17:40	10/07/25 03:52	1
Trichlorofluoromethane	0.00094	U	0.00094	0.00038	mg/Kg	☼	10/05/25 17:40	10/07/25 03:52	1
Vinyl chloride	0.00094	U	0.00094	0.00051	mg/Kg	☼	10/05/25 17:40	10/07/25 03:52	1
Xylenes, Total	0.0019	U	0.0019	0.00016	mg/Kg	☼	10/05/25 17:40	10/07/25 03:52	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,2-Dichloroethane-d4 (Surr)	*114*		*65 - 138*	*10/05/25 17:40*	*10/07/25 03:52*	*1*
4-Bromofluorobenzene	*99*		*71 - 128*	*10/05/25 17:40*	*10/07/25 03:52*	*1*
Dibromofluoromethane (Surr)	*119*		*50 - 150*	*10/05/25 17:40*	*10/07/25 03:52*	*1*
Toluene-d8 (Surr)	*94*		*71 - 126*	*10/05/25 17:40*	*10/07/25 03:52*	*1*

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Percent Moisture (EPA Moisture)	**6.4**		1.0	1.0	%			10/05/25 17:33	1
Percent Solids (EPA Moisture)	**93.6**		1.0	1.0	%			10/05/25 17:33	1

Client Sample ID: 6C3_4-5
Date Collected: 10/01/25 13:00
Date Received: 10/01/25 16:15

Lab Sample ID: 460-336212-68
Matrix: Solid
Percent Solids: 90.5

Method: SW846 8260D - Volatile Organic Compounds by GC/MS

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1-Trichloroethane	0.0012	U	0.0012	0.00029	mg/Kg	☼	10/05/25 17:40	10/07/25 04:15	1
1,1,2,2-Tetrachloroethane	0.0012	U	0.0012	0.00065	mg/Kg	☼	10/05/25 17:40	10/07/25 04:15	1
1,1,2-Trichloro-1,2,2-trifluoroethane	0.0012	U	0.0012	0.00037	mg/Kg	☼	10/05/25 17:40	10/07/25 04:15	1
1,1,2-Trichloroethane	0.0012	U	0.0012	0.00075	mg/Kg	☼	10/05/25 17:40	10/07/25 04:15	1
1,1-Dichloroethane	0.0012	U	0.0012	0.00074	mg/Kg	☼	10/05/25 17:40	10/07/25 04:15	1
1,1-Dichloroethene	0.0012	U	0.0012	0.00028	mg/Kg	☼	10/05/25 17:40	10/07/25 04:15	1
1,2,3-Trichlorobenzene	0.0012	U	0.0012	0.00092	mg/Kg	☼	10/05/25 17:40	10/07/25 04:15	1
1,2,4-Trichlorobenzene	0.0012	U	0.0012	0.00044	mg/Kg	☼	10/05/25 17:40	10/07/25 04:15	1
1,2,4-Trimethylbenzene	0.0012	U	0.0012	0.00031	mg/Kg	☼	10/05/25 17:40	10/07/25 04:15	1
1,2-Dibromo-3-Chloropropane	0.0012	U	0.0012	0.00057	mg/Kg	☼	10/05/25 17:40	10/07/25 04:15	1
1,2-Dichlorobenzene	0.0012	U	0.0012	0.00045	mg/Kg	☼	10/05/25 17:40	10/07/25 04:15	1
1,2-Dichloroethane	0.0012	U	0.0012	0.00037	mg/Kg	☼	10/05/25 17:40	10/07/25 04:15	1
1,2-Dichloropropane	0.0012	U	0.0012	0.00052	mg/Kg	☼	10/05/25 17:40	10/07/25 04:15	1
1,3,5-Trimethylbenzene	0.0012	U	0.0012	0.00039	mg/Kg	☼	10/05/25 17:40	10/07/25 04:15	1
1,3-Dichlorobenzene	0.0012	U	0.0012	0.00045	mg/Kg	☼	10/05/25 17:40	10/07/25 04:15	1
1,4-Dichlorobenzene	0.0012	U	0.0012	0.00064	mg/Kg	☼	10/05/25 17:40	10/07/25 04:15	1
2-Butanone (MEK)	0.0062	U	0.0062	0.00046	mg/Kg	☼	10/05/25 17:40	10/07/25 04:15	1
2-Hexanone	0.0062	U	0.0062	0.0021	mg/Kg	☼	10/05/25 17:40	10/07/25 04:15	1
4-Methyl-2-pentanone (MIBK)	0.0062	U	0.0062	0.0019	mg/Kg	☼	10/05/25 17:40	10/07/25 04:15	1
Acetone	0.0074	U	0.0074	0.0071	mg/Kg	☼	10/05/25 17:40	10/07/25 04:15	1
Benzene	0.0012	U	0.0012	0.00070	mg/Kg	☼	10/05/25 17:40	10/07/25 04:15	1
Bromoform	0.0012	U	0.0012	0.00053	mg/Kg	☼	10/05/25 17:40	10/07/25 04:15	1
Bromomethane	0.0025	U	0.0025	0.0012	mg/Kg	☼	10/05/25 17:40	10/07/25 04:15	1
Carbon disulfide	0.0012	U	0.0012	0.00033	mg/Kg	☼	10/05/25 17:40	10/07/25 04:15	1
Carbon tetrachloride	0.0012	U	0.0012	0.00048	mg/Kg	☼	10/05/25 17:40	10/07/25 04:15	1
Chlorobenzene	0.0012	U	0.0012	0.00063	mg/Kg	☼	10/05/25 17:40	10/07/25 04:15	1
Chlorobromomethane	0.0012	U	0.0012	0.00074	mg/Kg	☼	10/05/25 17:40	10/07/25 04:15	1
Chlorodibromomethane	0.0012	U	0.0012	0.00067	mg/Kg	☼	10/05/25 17:40	10/07/25 04:15	1
Chloroethane	0.0012	U	0.0012	0.00065	mg/Kg	☼	10/05/25 17:40	10/07/25 04:15	1
Chloroform	0.0012	U	0.0012	0.0012	mg/Kg	☼	10/05/25 17:40	10/07/25 04:15	1
Chloromethane	0.0012	U	0.0012	0.00054	mg/Kg	☼	10/05/25 17:40	10/07/25 04:15	1
cis-1,2-Dichloroethene	0.0012	U	0.0012	0.00044	mg/Kg	☼	10/05/25 17:40	10/07/25 04:15	1
cis-1,3-Dichloropropene	0.0012	U	0.0012	0.00034	mg/Kg	☼	10/05/25 17:40	10/07/25 04:15	1
Cyclohexane	0.0012	U	0.0012	0.00027	mg/Kg	☼	10/05/25 17:40	10/07/25 04:15	1
Dichlorobromomethane	0.0012	U	0.0012	0.00032	mg/Kg	☼	10/05/25 17:40	10/07/25 04:15	1
Dichlorodifluoromethane	0.0012	U	0.0012	0.00042	mg/Kg	☼	10/05/25 17:40	10/07/25 04:15	1
Ethylbenzene	0.0012	U	0.0012	0.00058	mg/Kg	☼	10/05/25 17:40	10/07/25 04:15	1
Ethylene Dibromide	0.0012	U	0.0012	0.00063	mg/Kg	☼	10/05/25 17:40	10/07/25 04:15	1
Isopropylbenzene	0.0012	U	0.0012	0.00035	mg/Kg	☼	10/05/25 17:40	10/07/25 04:15	1
Methyl acetate	0.0062	U	0.0062	0.0053	mg/Kg	☼	10/05/25 17:40	10/07/25 04:15	1
Methyl tert-butyl ether	0.0012	U	0.0012	0.00064	mg/Kg	☼	10/05/25 17:40	10/07/25 04:15	1
Methylcyclohexane	0.0012	U	0.0012	0.00062	mg/Kg	☼	10/05/25 17:40	10/07/25 04:15	1
Methylene Chloride	0.0025	U	0.0025	0.0014	mg/Kg	☼	10/05/25 17:40	10/07/25 04:15	1
m-Xylene & p-Xylene	0.0012	U	0.0012	0.00052	mg/Kg	☼	10/05/25 17:40	10/07/25 04:15	1
n-Butylbenzene	0.0012	U	0.0012	0.00036	mg/Kg	☼	10/05/25 17:40	10/07/25 04:15	1
N-Propylbenzene	0.0012	U	0.0012	0.00056	mg/Kg	☼	10/05/25 17:40	10/07/25 04:15	1
o-Xylene	0.0012	U	0.0012	0.00057	mg/Kg	☼	10/05/25 17:40	10/07/25 04:15	1
sec-Butylbenzene	0.0012	U	0.0012	0.00036	mg/Kg	☼	10/05/25 17:40	10/07/25 04:15	1
Styrene	0.0012	U	0.0012	0.00034	mg/Kg	☼	10/05/25 17:40	10/07/25 04:15	1

Client Sample ID: 6C3_4-5

Date Collected: 10/01/25 13:00
Date Received: 10/01/25 16:15

Lab Sample ID: 460-336212-68

Matrix: Solid
Percent Solids: 90.5

Method: SW846 8260D - Volatile Organic Compounds by GC/MS (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
tert-Butylbenzene	0.0012	U	0.0012	0.00034	mg/Kg	☼	10/05/25 17:40	10/07/25 04:15	1
Tetrachloroethene	0.0012	U	0.0012	0.00038	mg/Kg	☼	10/05/25 17:40	10/07/25 04:15	1
Toluene	0.0012	U	0.0012	0.00029	mg/Kg	☼	10/05/25 17:40	10/07/25 04:15	1
trans-1,2-Dichloroethene	0.0012	U	0.0012	0.00031	mg/Kg	☼	10/05/25 17:40	10/07/25 04:15	1
trans-1,3-Dichloropropene	0.0012	U	0.0012	0.00033	mg/Kg	☼	10/05/25 17:40	10/07/25 04:15	1
Trichloroethene	0.0012	U	0.0012	0.00040	mg/Kg	☼	10/05/25 17:40	10/07/25 04:15	1
Trichlorofluoromethane	0.0012	U	0.0012	0.00050	mg/Kg	☼	10/05/25 17:40	10/07/25 04:15	1
Vinyl chloride	0.0012	U	0.0012	0.00068	mg/Kg	☼	10/05/25 17:40	10/07/25 04:15	1
Xylenes, Total	0.0025	U	0.0025	0.00022	mg/Kg	☼	10/05/25 17:40	10/07/25 04:15	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,2-Dichloroethane-d4 (Surr)	*114*		*65 - 138*	*10/05/25 17:40*	*10/07/25 04:15*	*1*
4-Bromofluorobenzene	*98*		*71 - 128*	*10/05/25 17:40*	*10/07/25 04:15*	*1*
Dibromofluoromethane (Surr)	*120*		*50 - 150*	*10/05/25 17:40*	*10/07/25 04:15*	*1*
Toluene-d8 (Surr)	*95*		*71 - 126*	*10/05/25 17:40*	*10/07/25 04:15*	*1*

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Percent Moisture (EPA Moisture)	**9.5**		1.0	1.0	%			10/05/25 17:33	1
Percent Solids (EPA Moisture)	**90.5**		1.0	1.0	%			10/05/25 17:33	1

Client Sample ID: 6C1_5-6

Date Collected: 10/01/25 13:05
Date Received: 10/01/25 16:15

Lab Sample ID: 460-336212-69

Matrix: Solid
Percent Solids: 90.6

Method: SW846 8260D - Volatile Organic Compounds by GC/MS

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1-Trichloroethane	0.00099	U	0.00099	0.00023	mg/Kg	☼	10/05/25 17:41	10/07/25 07:32	1
1,1,2,2-Tetrachloroethane	0.00099	U	0.00099	0.00052	mg/Kg	☼	10/05/25 17:41	10/07/25 07:32	1
1,1,2-Trichloro-1,2,2-trifluoroethane	0.00099	U	0.00099	0.00030	mg/Kg	☼	10/05/25 17:41	10/07/25 07:32	1
1,1,2-Trichloroethane	0.00099	U	0.00099	0.00059	mg/Kg	☼	10/05/25 17:41	10/07/25 07:32	1
1,1-Dichloroethane	0.00099	U	0.00099	0.00059	mg/Kg	☼	10/05/25 17:41	10/07/25 07:32	1
1,1-Dichloroethene	0.00099	U	0.00099	0.00022	mg/Kg	☼	10/05/25 17:41	10/07/25 07:32	1
1,2,3-Trichlorobenzene	0.00099	U	0.00099	0.00073	mg/Kg	☼	10/05/25 17:41	10/07/25 07:32	1
1,2,4-Trichlorobenzene	0.00099	U	0.00099	0.00035	mg/Kg	☼	10/05/25 17:41	10/07/25 07:32	1
1,2,4-Trimethylbenzene	0.00099	U	0.00099	0.00024	mg/Kg	☼	10/05/25 17:41	10/07/25 07:32	1
1,2-Dibromo-3-Chloropropane	0.00099	U	0.00099	0.00045	mg/Kg	☼	10/05/25 17:41	10/07/25 07:32	1
1,2-Dichlorobenzene	0.00099	U	0.00099	0.00036	mg/Kg	☼	10/05/25 17:41	10/07/25 07:32	1
1,2-Dichloroethane	0.00099	U	0.00099	0.00029	mg/Kg	☼	10/05/25 17:41	10/07/25 07:32	1
1,2-Dichloropropane	0.00099	U	0.00099	0.00042	mg/Kg	☼	10/05/25 17:41	10/07/25 07:32	1
1,3,5-Trimethylbenzene	0.00099	U	0.00099	0.00031	mg/Kg	☼	10/05/25 17:41	10/07/25 07:32	1
1,3-Dichlorobenzene	0.00099	U	0.00099	0.00036	mg/Kg	☼	10/05/25 17:41	10/07/25 07:32	1
1,4-Dichlorobenzene	0.00099	U	0.00099	0.00051	mg/Kg	☼	10/05/25 17:41	10/07/25 07:32	1
2-Butanone (MEK)	0.0049	U	0.0049	0.00036	mg/Kg	☼	10/05/25 17:41	10/07/25 07:32	1
2-Hexanone	0.0049	U	0.0049	0.0017	mg/Kg	☼	10/05/25 17:41	10/07/25 07:32	1
4-Methyl-2-pentanone (MIBK)	0.0049	U	0.0049	0.0015	mg/Kg	☼	10/05/25 17:41	10/07/25 07:32	1
Acetone	0.0059	U	0.0059	0.0056	mg/Kg	☼	10/05/25 17:41	10/07/25 07:32	1
Benzene	0.00099	U	0.00099	0.00056	mg/Kg	☼	10/05/25 17:41	10/07/25 07:32	1
Bromoform	0.00099	U	0.00099	0.00042	mg/Kg	☼	10/05/25 17:41	10/07/25 07:32	1
Bromomethane	0.0020	U	0.0020	0.00099	mg/Kg	☼	10/05/25 17:41	10/07/25 07:32	1

Client Sample ID: 6C1_5-6
Date Collected: 10/01/25 13:05
Date Received: 10/01/25 16:15

Lab Sample ID: 460-336212-69
Matrix: Solid
Percent Solids: 90.6

Method: SW846 8260D - Volatile Organic Compounds by GC/MS (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Carbon disulfide	0.00099	U	0.00099	0.00026	mg/Kg	☼	10/05/25 17:41	10/07/25 07:32	1
Carbon tetrachloride	0.00099	U	0.00099	0.00038	mg/Kg	☼	10/05/25 17:41	10/07/25 07:32	1
Chlorobenzene	0.00099	U	0.00099	0.00050	mg/Kg	☼	10/05/25 17:41	10/07/25 07:32	1
Chlorobromomethane	0.00099	U	0.00099	0.00059	mg/Kg	☼	10/05/25 17:41	10/07/25 07:32	1
Chlorodibromomethane	0.00099	U	0.00099	0.00053	mg/Kg	☼	10/05/25 17:41	10/07/25 07:32	1
Chloroethane	0.00099	U	0.00099	0.00052	mg/Kg	☼	10/05/25 17:41	10/07/25 07:32	1
Chloroform	0.00099	U	0.00099	0.00096	mg/Kg	☼	10/05/25 17:41	10/07/25 07:32	1
Chloromethane	0.00099	U	0.00099	0.00043	mg/Kg	☼	10/05/25 17:41	10/07/25 07:32	1
cis-1,2-Dichloroethene	0.00099	U	0.00099	0.00035	mg/Kg	☼	10/05/25 17:41	10/07/25 07:32	1
cis-1,3-Dichloropropene	0.00099	U	0.00099	0.00027	mg/Kg	☼	10/05/25 17:41	10/07/25 07:32	1
Cyclohexane	0.00099	U	0.00099	0.00022	mg/Kg	☼	10/05/25 17:41	10/07/25 07:32	1
Dichlorobromomethane	0.00099	U	0.00099	0.00025	mg/Kg	☼	10/05/25 17:41	10/07/25 07:32	1
Dichlorodifluoromethane	0.00099	U	0.00099	0.00033	mg/Kg	☼	10/05/25 17:41	10/07/25 07:32	1
Ethylbenzene	0.00099	U	0.00099	0.00046	mg/Kg	☼	10/05/25 17:41	10/07/25 07:32	1
Ethylene Dibromide	0.00099	U	0.00099	0.00050	mg/Kg	☼	10/05/25 17:41	10/07/25 07:32	1
Isopropylbenzene	0.00099	U	0.00099	0.00028	mg/Kg	☼	10/05/25 17:41	10/07/25 07:32	1
Methyl acetate	0.0049	U	0.0049	0.0042	mg/Kg	☼	10/05/25 17:41	10/07/25 07:32	1
Methyl tert-butyl ether	0.00099	U	0.00099	0.00051	mg/Kg	☼	10/05/25 17:41	10/07/25 07:32	1
Methylcyclohexane	0.00099	U	0.00099	0.00049	mg/Kg	☼	10/05/25 17:41	10/07/25 07:32	1
Methylene Chloride	0.0020	U	0.0020	0.0011	mg/Kg	☼	10/05/25 17:41	10/07/25 07:32	1
m-Xylene & p-Xylene	0.00099	U	0.00099	0.00042	mg/Kg	☼	10/05/25 17:41	10/07/25 07:32	1
n-Butylbenzene	0.00099	U	0.00099	0.00029	mg/Kg	☼	10/05/25 17:41	10/07/25 07:32	1
N-Propylbenzene	0.00099	U	0.00099	0.00044	mg/Kg	☼	10/05/25 17:41	10/07/25 07:32	1
o-Xylene	0.00099	U	0.00099	0.00045	mg/Kg	☼	10/05/25 17:41	10/07/25 07:32	1
sec-Butylbenzene	0.00099	U	0.00099	0.00028	mg/Kg	☼	10/05/25 17:41	10/07/25 07:32	1
Styrene	0.00099	U	0.00099	0.00027	mg/Kg	☼	10/05/25 17:41	10/07/25 07:32	1
tert-Butylbenzene	0.00099	U	0.00099	0.00027	mg/Kg	☼	10/05/25 17:41	10/07/25 07:32	1
Tetrachloroethene	0.00099	U	0.00099	0.00030	mg/Kg	☼	10/05/25 17:41	10/07/25 07:32	1
Toluene	0.00099	U	0.00099	0.00023	mg/Kg	☼	10/05/25 17:41	10/07/25 07:32	1
trans-1,2-Dichloroethene	0.00099	U	0.00099	0.00024	mg/Kg	☼	10/05/25 17:41	10/07/25 07:32	1
trans-1,3-Dichloropropene	0.00099	U	0.00099	0.00026	mg/Kg	☼	10/05/25 17:41	10/07/25 07:32	1
Trichloroethene	0.00099	U	0.00099	0.00032	mg/Kg	☼	10/05/25 17:41	10/07/25 07:32	1
Trichlorofluoromethane	0.00099	U	0.00099	0.00040	mg/Kg	☼	10/05/25 17:41	10/07/25 07:32	1
Vinyl chloride	0.00099	U	0.00099	0.00054	mg/Kg	☼	10/05/25 17:41	10/07/25 07:32	1
Xylenes, Total	0.0020	U	0.0020	0.00017	mg/Kg	☼	10/05/25 17:41	10/07/25 07:32	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,2-Dichloroethane-d4 (Surr)	*107*		*65 - 138*	*10/05/25 17:41*	*10/07/25 07:32*	*1*
4-Bromofluorobenzene	*98*		*71 - 128*	*10/05/25 17:41*	*10/07/25 07:32*	*1*
Dibromofluoromethane (Surr)	*114*		*50 - 150*	*10/05/25 17:41*	*10/07/25 07:32*	*1*
Toluene-d8 (Surr)	*96*		*71 - 126*	*10/05/25 17:41*	*10/07/25 07:32*	*1*

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Percent Moisture (EPA Moisture)	**9.4**		1.0	1.0	%			10/05/25 17:33	1
Percent Solids (EPA Moisture)	**90.6**		1.0	1.0	%			10/05/25 17:33	1

Client: Haley & Aldrich, Inc.
Project/Site: Former Port Mobil

Job ID: 460-336212-1

Client Sample ID: 6C2_7-8
Date Collected: 10/01/25 13:10
Date Received: 10/01/25 16:15

Lab Sample ID: 460-336212-70
Matrix: Solid
Percent Solids: 92.9

Method: SW846 8260D - Volatile Organic Compounds by GC/MS

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1-Trichloroethane	0.0012	U	0.0012	0.00029	mg/Kg	☼	10/05/25 17:41	10/07/25 07:55	1
1,1,2,2-Tetrachloroethane	0.0012	U	0.0012	0.00064	mg/Kg	☼	10/05/25 17:41	10/07/25 07:55	1
1,1,2-Trichloro-1,2,2-trifluoroethane	0.0012	U	0.0012	0.00037	mg/Kg	☼	10/05/25 17:41	10/07/25 07:55	1
1,1,2-Trichloroethane	0.0012	U	0.0012	0.00074	mg/Kg	☼	10/05/25 17:41	10/07/25 07:55	1
1,1-Dichloroethane	0.0012	U	0.0012	0.00073	mg/Kg	☼	10/05/25 17:41	10/07/25 07:55	1
1,1-Dichloroethene	0.0012	U	0.0012	0.00028	mg/Kg	☼	10/05/25 17:41	10/07/25 07:55	1
1,2,3-Trichlorobenzene	0.0012	U	0.0012	0.00090	mg/Kg	☼	10/05/25 17:41	10/07/25 07:55	1
1,2,4-Trichlorobenzene	0.0012	U	0.0012	0.00044	mg/Kg	☼	10/05/25 17:41	10/07/25 07:55	1
1,2,4-Trimethylbenzene	0.0012	U	0.0012	0.00030	mg/Kg	☼	10/05/25 17:41	10/07/25 07:55	1
1,2-Dibromo-3-Chloropropane	0.0012	U	0.0012	0.00056	mg/Kg	☼	10/05/25 17:41	10/07/25 07:55	1
1,2-Dichlorobenzene	0.0012	U	0.0012	0.00044	mg/Kg	☼	10/05/25 17:41	10/07/25 07:55	1
1,2-Dichloroethane	0.0012	U	0.0012	0.00036	mg/Kg	☼	10/05/25 17:41	10/07/25 07:55	1
1,2-Dichloropropane	0.0012	U	0.0012	0.00052	mg/Kg	☼	10/05/25 17:41	10/07/25 07:55	1
1,3,5-Trimethylbenzene	0.0012	U	0.0012	0.00038	mg/Kg	☼	10/05/25 17:41	10/07/25 07:55	1
1,3-Dichlorobenzene	0.0012	U	0.0012	0.00045	mg/Kg	☼	10/05/25 17:41	10/07/25 07:55	1
1,4-Dichlorobenzene	0.0012	U	0.0012	0.00064	mg/Kg	☼	10/05/25 17:41	10/07/25 07:55	1
2-Butanone (MEK)	0.0061	U	0.0061	0.00045	mg/Kg	☼	10/05/25 17:41	10/07/25 07:55	1
2-Hexanone	0.0061	U	0.0061	0.0021	mg/Kg	☼	10/05/25 17:41	10/07/25 07:55	1
4-Methyl-2-pentanone (MIBK)	0.0061	U	0.0061	0.0019	mg/Kg	☼	10/05/25 17:41	10/07/25 07:55	1
Acetone	0.0073	U	0.0073	0.0070	mg/Kg	☼	10/05/25 17:41	10/07/25 07:55	1
Benzene	0.0012	U	0.0012	0.00069	mg/Kg	☼	10/05/25 17:41	10/07/25 07:55	1
Bromoform	0.0012	U	0.0012	0.00052	mg/Kg	☼	10/05/25 17:41	10/07/25 07:55	1
Bromomethane	0.0024	U	0.0024	0.0012	mg/Kg	☼	10/05/25 17:41	10/07/25 07:55	1
Carbon disulfide	0.0012	U	0.0012	0.00033	mg/Kg	☼	10/05/25 17:41	10/07/25 07:55	1
Carbon tetrachloride	0.0012	U	0.0012	0.00047	mg/Kg	☼	10/05/25 17:41	10/07/25 07:55	1
Chlorobenzene	0.0012	U	0.0012	0.00062	mg/Kg	☼	10/05/25 17:41	10/07/25 07:55	1
Chlorobromomethane	0.0012	U	0.0012	0.00073	mg/Kg	☼	10/05/25 17:41	10/07/25 07:55	1
Chlorodibromomethane	0.0012	U	0.0012	0.00066	mg/Kg	☼	10/05/25 17:41	10/07/25 07:55	1
Chloroethane	0.0012	U	0.0012	0.00064	mg/Kg	☼	10/05/25 17:41	10/07/25 07:55	1
Chloroform	0.0012	U	0.0012	0.0012	mg/Kg	☼	10/05/25 17:41	10/07/25 07:55	1
Chloromethane	0.0012	U	0.0012	0.00053	mg/Kg	☼	10/05/25 17:41	10/07/25 07:55	1
cis-1,2-Dichloroethene	0.0012	U	0.0012	0.00044	mg/Kg	☼	10/05/25 17:41	10/07/25 07:55	1
cis-1,3-Dichloropropene	0.0012	U	0.0012	0.00033	mg/Kg	☼	10/05/25 17:41	10/07/25 07:55	1
Cyclohexane	0.0012	U	0.0012	0.00027	mg/Kg	☼	10/05/25 17:41	10/07/25 07:55	1
Dichlorobromomethane	0.0012	U	0.0012	0.00031	mg/Kg	☼	10/05/25 17:41	10/07/25 07:55	1
Dichlorodifluoromethane	0.0012	U	0.0012	0.00041	mg/Kg	☼	10/05/25 17:41	10/07/25 07:55	1
Ethylbenzene	0.0012	U	0.0012	0.00057	mg/Kg	☼	10/05/25 17:41	10/07/25 07:55	1
Ethylene Dibromide	0.0012	U	0.0012	0.00062	mg/Kg	☼	10/05/25 17:41	10/07/25 07:55	1
Isopropylbenzene	0.0012	U	0.0012	0.00035	mg/Kg	☼	10/05/25 17:41	10/07/25 07:55	1
Methyl acetate	0.0061	U	0.0061	0.0053	mg/Kg	☼	10/05/25 17:41	10/07/25 07:55	1
Methyl tert-butyl ether	0.0012	U	0.0012	0.00063	mg/Kg	☼	10/05/25 17:41	10/07/25 07:55	1
Methylcyclohexane	0.0012	U	0.0012	0.00061	mg/Kg	☼	10/05/25 17:41	10/07/25 07:55	1
Methylene Chloride	0.0024	U	0.0024	0.0014	mg/Kg	☼	10/05/25 17:41	10/07/25 07:55	1
m-Xylene & p-Xylene	0.0012	U	0.0012	0.00052	mg/Kg	☼	10/05/25 17:41	10/07/25 07:55	1
n-Butylbenzene	0.0012	U	0.0012	0.00036	mg/Kg	☼	10/05/25 17:41	10/07/25 07:55	1
N-Propylbenzene	0.0012	U	0.0012	0.00055	mg/Kg	☼	10/05/25 17:41	10/07/25 07:55	1
o-Xylene	0.0012	U	0.0012	0.00056	mg/Kg	☼	10/05/25 17:41	10/07/25 07:55	1
sec-Butylbenzene	0.0012	U	0.0012	0.00035	mg/Kg	☼	10/05/25 17:41	10/07/25 07:55	1
Styrene	0.0012	U	0.0012	0.00034	mg/Kg	☼	10/05/25 17:41	10/07/25 07:55	1

Client Sample ID: 6C2_7-8

Lab Sample ID: 460-336212-70
Date Collected: 10/01/25 13:10
Matrix: Solid
Date Received: 10/01/25 16:15
Percent Solids: 92.9

Method: SW846 8260D - Volatile Organic Compounds by GC/MS (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
tert-Butylbenzene	0.0012	U	0.0012	0.00034	mg/Kg	☼	10/05/25 17:41	10/07/25 07:55	1
Tetrachloroethene	0.0012	U	0.0012	0.00037	mg/Kg	☼	10/05/25 17:41	10/07/25 07:55	1
Toluene	0.0012	U	0.0012	0.00029	mg/Kg	☼	10/05/25 17:41	10/07/25 07:55	1
trans-1,2-Dichloroethene	0.0012	U	0.0012	0.00030	mg/Kg	☼	10/05/25 17:41	10/07/25 07:55	1
trans-1,3-Dichloropropene	0.0012	U	0.0012	0.00033	mg/Kg	☼	10/05/25 17:41	10/07/25 07:55	1
Trichloroethene	0.0012	U	0.0012	0.00039	mg/Kg	☼	10/05/25 17:41	10/07/25 07:55	1
Trichlorofluoromethane	0.0012	U	0.0012	0.00050	mg/Kg	☼	10/05/25 17:41	10/07/25 07:55	1
Vinyl chloride	0.0012	U	0.0012	0.00067	mg/Kg	☼	10/05/25 17:41	10/07/25 07:55	1
Xylenes, Total	0.0024	U	0.0024	0.00021	mg/Kg	☼	10/05/25 17:41	10/07/25 07:55	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,2-Dichloroethane-d4 (Surr)	*111*		*65 - 138*	*10/05/25 17:41*	*10/07/25 07:55*	*1*
4-Bromofluorobenzene	*99*		*71 - 128*	*10/05/25 17:41*	*10/07/25 07:55*	*1*
Dibromofluoromethane (Surr)	*117*		*50 - 150*	*10/05/25 17:41*	*10/07/25 07:55*	*1*
Toluene-d8 (Surr)	*95*		*71 - 126*	*10/05/25 17:41*	*10/07/25 07:55*	*1*

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Percent Moisture (EPA Moisture)	**7.1**		1.0	1.0	%			10/05/25 17:33	1
Percent Solids (EPA Moisture)	**92.9**		1.0	1.0	%			10/05/25 17:33	1

Client Sample ID: 6C3_9-10

Lab Sample ID: 460-336212-71
Date Collected: 10/01/25 13:15
Matrix: Solid
Date Received: 10/01/25 16:15
Percent Solids: 90.2

Method: SW846 8260D - Volatile Organic Compounds by GC/MS

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1-Trichloroethane	0.00090	U	0.00090	0.00021	mg/Kg	☼	10/05/25 17:42	10/07/25 08:18	1
1,1,2,2-Tetrachloroethane	0.00090	U	0.00090	0.00047	mg/Kg	☼	10/05/25 17:42	10/07/25 08:18	1
1,1,2-Trichloro-1,2,2-trifluoroethane	0.00090	U	0.00090	0.00027	mg/Kg	☼	10/05/25 17:42	10/07/25 08:18	1
1,1,2-Trichloroethane	0.00090	U	0.00090	0.00054	mg/Kg	☼	10/05/25 17:42	10/07/25 08:18	1
1,1-Dichloroethane	0.00090	U	0.00090	0.00054	mg/Kg	☼	10/05/25 17:42	10/07/25 08:18	1
1,1-Dichloroethene	0.00090	U	0.00090	0.00020	mg/Kg	☼	10/05/25 17:42	10/07/25 08:18	1
1,2,3-Trichlorobenzene	0.00090	U	0.00090	0.00067	mg/Kg	☼	10/05/25 17:42	10/07/25 08:18	1
1,2,4-Trichlorobenzene	0.00090	U	0.00090	0.00032	mg/Kg	☼	10/05/25 17:42	10/07/25 08:18	1
1,2,4-Trimethylbenzene	0.00090	U	0.00090	0.00022	mg/Kg	☼	10/05/25 17:42	10/07/25 08:18	1
1,2-Dibromo-3-Chloropropane	0.00090	U	0.00090	0.00042	mg/Kg	☼	10/05/25 17:42	10/07/25 08:18	1
1,2-Dichlorobenzene	0.00090	U	0.00090	0.00033	mg/Kg	☼	10/05/25 17:42	10/07/25 08:18	1
1,2-Dichloroethane	0.00090	U	0.00090	0.00027	mg/Kg	☼	10/05/25 17:42	10/07/25 08:18	1
1,2-Dichloropropane	0.00090	U	0.00090	0.00038	mg/Kg	☼	10/05/25 17:42	10/07/25 08:18	1
1,3,5-Trimethylbenzene	0.00090	U	0.00090	0.00028	mg/Kg	☼	10/05/25 17:42	10/07/25 08:18	1
1,3-Dichlorobenzene	0.00090	U	0.00090	0.00033	mg/Kg	☼	10/05/25 17:42	10/07/25 08:18	1
1,4-Dichlorobenzene	0.00090	U	0.00090	0.00047	mg/Kg	☼	10/05/25 17:42	10/07/25 08:18	1
2-Butanone (MEK)	0.0045	U	0.0045	0.00033	mg/Kg	☼	10/05/25 17:42	10/07/25 08:18	1
2-Hexanone	0.0045	U	0.0045	0.0015	mg/Kg	☼	10/05/25 17:42	10/07/25 08:18	1
4-Methyl-2-pentanone (MIBK)	0.0045	U	0.0045	0.0014	mg/Kg	☼	10/05/25 17:42	10/07/25 08:18	1
Acetone	0.0054	U	0.0054	0.0052	mg/Kg	☼	10/05/25 17:42	10/07/25 08:18	1
Benzene	0.00090	U	0.00090	0.00051	mg/Kg	☼	10/05/25 17:42	10/07/25 08:18	1
Bromoform	0.00090	U	0.00090	0.00038	mg/Kg	☼	10/05/25 17:42	10/07/25 08:18	1
Bromomethane	0.0018	U	0.0018	0.00090	mg/Kg	☼	10/05/25 17:42	10/07/25 08:18	1

Client Sample ID: 6C3_9-10
Date Collected: 10/01/25 13:15
Date Received: 10/01/25 16:15

Lab Sample ID: 460-336212-71
Matrix: Solid
Percent Solids: 90.2

Method: SW846 8260D - Volatile Organic Compounds by GC/MS (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Carbon disulfide	0.00090	U	0.00090	0.00024	mg/Kg	☼	10/05/25 17:42	10/07/25 08:18	1
Carbon tetrachloride	0.00090	U	0.00090	0.00035	mg/Kg	☼	10/05/25 17:42	10/07/25 08:18	1
Chlorobenzene	0.00090	U	0.00090	0.00046	mg/Kg	☼	10/05/25 17:42	10/07/25 08:18	1
Chlorobromomethane	0.00090	U	0.00090	0.00054	mg/Kg	☼	10/05/25 17:42	10/07/25 08:18	1
Chlorodibromomethane	0.00090	U	0.00090	0.00049	mg/Kg	☼	10/05/25 17:42	10/07/25 08:18	1
Chloroethane	0.00090	U	0.00090	0.00047	mg/Kg	☼	10/05/25 17:42	10/07/25 08:18	1
Chloroform	0.00090	U	0.00090	0.00088	mg/Kg	☼	10/05/25 17:42	10/07/25 08:18	1
Chloromethane	0.00090	U	0.00090	0.00039	mg/Kg	☼	10/05/25 17:42	10/07/25 08:18	1
cis-1,2-Dichloroethene	0.00090	U	0.00090	0.00032	mg/Kg	☼	10/05/25 17:42	10/07/25 08:18	1
cis-1,3-Dichloropropene	0.00090	U	0.00090	0.00025	mg/Kg	☼	10/05/25 17:42	10/07/25 08:18	1
Cyclohexane	0.00090	U	0.00090	0.00020	mg/Kg	☼	10/05/25 17:42	10/07/25 08:18	1
Dichlorobromomethane	0.00090	U	0.00090	0.00023	mg/Kg	☼	10/05/25 17:42	10/07/25 08:18	1
Dichlorodifluoromethane	0.00090	U	0.00090	0.00031	mg/Kg	☼	10/05/25 17:42	10/07/25 08:18	1
Ethylbenzene	0.00090	U	0.00090	0.00042	mg/Kg	☼	10/05/25 17:42	10/07/25 08:18	1
Ethylene Dibromide	0.00090	U	0.00090	0.00046	mg/Kg	☼	10/05/25 17:42	10/07/25 08:18	1
Isopropylbenzene	0.00090	U	0.00090	0.00026	mg/Kg	☼	10/05/25 17:42	10/07/25 08:18	1
Methyl acetate	0.0045	U	0.0045	0.0039	mg/Kg	☼	10/05/25 17:42	10/07/25 08:18	1
Methyl tert-butyl ether	0.00090	U	0.00090	0.00046	mg/Kg	☼	10/05/25 17:42	10/07/25 08:18	1
Methylcyclohexane	0.00090	U	0.00090	0.00045	mg/Kg	☼	10/05/25 17:42	10/07/25 08:18	1
Methylene Chloride	0.0018	U	0.0018	0.0010	mg/Kg	☼	10/05/25 17:42	10/07/25 08:18	1
m-Xylene & p-Xylene	0.00090	U	0.00090	0.00038	mg/Kg	☼	10/05/25 17:42	10/07/25 08:18	1
n-Butylbenzene	0.00090	U	0.00090	0.00027	mg/Kg	☼	10/05/25 17:42	10/07/25 08:18	1
N-Propylbenzene	0.00090	U	0.00090	0.00041	mg/Kg	☼	10/05/25 17:42	10/07/25 08:18	1
o-Xylene	0.00090	U	0.00090	0.00042	mg/Kg	☼	10/05/25 17:42	10/07/25 08:18	1
sec-Butylbenzene	0.00090	U	0.00090	0.00026	mg/Kg	☼	10/05/25 17:42	10/07/25 08:18	1
Styrene	0.00090	U	0.00090	0.00025	mg/Kg	☼	10/05/25 17:42	10/07/25 08:18	1
tert-Butylbenzene	0.00090	U	0.00090	0.00025	mg/Kg	☼	10/05/25 17:42	10/07/25 08:18	1
Tetrachloroethene	0.00090	U	0.00090	0.00028	mg/Kg	☼	10/05/25 17:42	10/07/25 08:18	1
Toluene	0.00090	U	0.00090	0.00021	mg/Kg	☼	10/05/25 17:42	10/07/25 08:18	1
trans-1,2-Dichloroethene	0.00090	U	0.00090	0.00022	mg/Kg	☼	10/05/25 17:42	10/07/25 08:18	1
trans-1,3-Dichloropropene	0.00090	U	0.00090	0.00024	mg/Kg	☼	10/05/25 17:42	10/07/25 08:18	1
Trichloroethene	0.00090	U	0.00090	0.00029	mg/Kg	☼	10/05/25 17:42	10/07/25 08:18	1
Trichlorofluoromethane	0.00090	U	0.00090	0.00037	mg/Kg	☼	10/05/25 17:42	10/07/25 08:18	1
Vinyl chloride	0.00090	U	0.00090	0.00049	mg/Kg	☼	10/05/25 17:42	10/07/25 08:18	1
Xylenes, Total	0.0018	U	0.0018	0.00016	mg/Kg	☼	10/05/25 17:42	10/07/25 08:18	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,2-Dichloroethane-d4 (Surr)	*107*		*65 - 138*	*10/05/25 17:42*	*10/07/25 08:18*	*1*
4-Bromofluorobenzene	*97*		*71 - 128*	*10/05/25 17:42*	*10/07/25 08:18*	*1*
Dibromofluoromethane (Surr)	*112*		*50 - 150*	*10/05/25 17:42*	*10/07/25 08:18*	*1*
Toluene-d8 (Surr)	*94*		*71 - 126*	*10/05/25 17:42*	*10/07/25 08:18*	*1*

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Percent Moisture (EPA Moisture)	**9.8**		1.0	1.0	%			10/05/25 17:33	1
Percent Solids (EPA Moisture)	**90.2**		1.0	1.0	%			10/05/25 17:33	1

Client Sample ID: 6C2_10-11
Date Collected: 10/01/25 13:20
Date Received: 10/01/25 16:15

Lab Sample ID: 460-336212-72
Matrix: Solid
Percent Solids: 90.9

Method: SW846 8260D - Volatile Organic Compounds by GC/MS

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1-Trichloroethane	0.00084	U	0.00084	0.00020	mg/Kg	☼	10/05/25 17:42	10/07/25 08:41	1
1,1,2,2-Tetrachloroethane	0.00084	U	0.00084	0.00044	mg/Kg	☼	10/05/25 17:42	10/07/25 08:41	1
1,1,2-Trichloro-1,2,2-trifluoroethane	0.00084	U	0.00084	0.00025	mg/Kg	☼	10/05/25 17:42	10/07/25 08:41	1
1,1,2-Trichloroethane	0.00084	U	0.00084	0.00051	mg/Kg	☼	10/05/25 17:42	10/07/25 08:41	1
1,1-Dichloroethane	0.00084	U	0.00084	0.00050	mg/Kg	☼	10/05/25 17:42	10/07/25 08:41	1
1,1-Dichloroethene	0.00084	U	0.00084	0.00019	mg/Kg	☼	10/05/25 17:42	10/07/25 08:41	1
1,2,3-Trichlorobenzene	0.00084	U	0.00084	0.00062	mg/Kg	☼	10/05/25 17:42	10/07/25 08:41	1
1,2,4-Trichlorobenzene	0.00084	U	0.00084	0.00030	mg/Kg	☼	10/05/25 17:42	10/07/25 08:41	1
1,2,4-Trimethylbenzene	0.00084	U	0.00084	0.00021	mg/Kg	☼	10/05/25 17:42	10/07/25 08:41	1
1,2-Dibromo-3-Chloropropane	0.00084	U	0.00084	0.00039	mg/Kg	☼	10/05/25 17:42	10/07/25 08:41	1
1,2-Dichlorobenzene	0.00084	U	0.00084	0.00030	mg/Kg	☼	10/05/25 17:42	10/07/25 08:41	1
1,2-Dichloroethane	0.00084	U	0.00084	0.00025	mg/Kg	☼	10/05/25 17:42	10/07/25 08:41	1
1,2-Dichloropropane	0.00084	U	0.00084	0.00036	mg/Kg	☼	10/05/25 17:42	10/07/25 08:41	1
1,3,5-Trimethylbenzene	0.00084	U	0.00084	0.00026	mg/Kg	☼	10/05/25 17:42	10/07/25 08:41	1
1,3-Dichlorobenzene	0.00084	U	0.00084	0.00031	mg/Kg	☼	10/05/25 17:42	10/07/25 08:41	1
1,4-Dichlorobenzene	0.00084	U	0.00084	0.00044	mg/Kg	☼	10/05/25 17:42	10/07/25 08:41	1
2-Butanone (MEK)	0.0042	U	0.0042	0.00031	mg/Kg	☼	10/05/25 17:42	10/07/25 08:41	1
2-Hexanone	0.0042	U	0.0042	0.0014	mg/Kg	☼	10/05/25 17:42	10/07/25 08:41	1
4-Methyl-2-pentanone (MIBK)	0.0042	U	0.0042	0.0013	mg/Kg	☼	10/05/25 17:42	10/07/25 08:41	1
Acetone	0.0051	U	0.0051	0.0048	mg/Kg	☼	10/05/25 17:42	10/07/25 08:41	1
Benzene	0.00084	U	0.00084	0.00048	mg/Kg	☼	10/05/25 17:42	10/07/25 08:41	1
Bromoform	0.00084	U	0.00084	0.00036	mg/Kg	☼	10/05/25 17:42	10/07/25 08:41	1
Bromomethane	0.0017	U	0.0017	0.00084	mg/Kg	☼	10/05/25 17:42	10/07/25 08:41	1
Carbon disulfide	0.00084	U	0.00084	0.00022	mg/Kg	☼	10/05/25 17:42	10/07/25 08:41	1
Carbon tetrachloride	0.00084	U	0.00084	0.00033	mg/Kg	☼	10/05/25 17:42	10/07/25 08:41	1
Chlorobenzene	0.00084	U	0.00084	0.00043	mg/Kg	☼	10/05/25 17:42	10/07/25 08:41	1
Chlorobromomethane	0.00084	U	0.00084	0.00050	mg/Kg	☼	10/05/25 17:42	10/07/25 08:41	1
Chlorodibromomethane	0.00084	U	0.00084	0.00045	mg/Kg	☼	10/05/25 17:42	10/07/25 08:41	1
Chloroethane	0.00084	U	0.00084	0.00044	mg/Kg	☼	10/05/25 17:42	10/07/25 08:41	1
Chloroform	0.00084	U	0.00084	0.00082	mg/Kg	☼	10/05/25 17:42	10/07/25 08:41	1
Chloromethane	0.00084	U	0.00084	0.00037	mg/Kg	☼	10/05/25 17:42	10/07/25 08:41	1
cis-1,2-Dichloroethene	0.00084	U	0.00084	0.00030	mg/Kg	☼	10/05/25 17:42	10/07/25 08:41	1
cis-1,3-Dichloropropene	0.00084	U	0.00084	0.00023	mg/Kg	☼	10/05/25 17:42	10/07/25 08:41	1
Cyclohexane	0.00084	U	0.00084	0.00019	mg/Kg	☼	10/05/25 17:42	10/07/25 08:41	1
Dichlorobromomethane	0.00084	U	0.00084	0.00022	mg/Kg	☼	10/05/25 17:42	10/07/25 08:41	1
Dichlorodifluoromethane	0.00084	U	0.00084	0.00029	mg/Kg	☼	10/05/25 17:42	10/07/25 08:41	1
Ethylbenzene	0.00084	U	0.00084	0.00039	mg/Kg	☼	10/05/25 17:42	10/07/25 08:41	1
Ethylene Dibromide	0.00084	U	0.00084	0.00043	mg/Kg	☼	10/05/25 17:42	10/07/25 08:41	1
Isopropylbenzene	0.00084	U	0.00084	0.00024	mg/Kg	☼	10/05/25 17:42	10/07/25 08:41	1
Methyl acetate	0.0042	U	0.0042	0.0036	mg/Kg	☼	10/05/25 17:42	10/07/25 08:41	1
Methyl tert-butyl ether	0.00084	U	0.00084	0.00043	mg/Kg	☼	10/05/25 17:42	10/07/25 08:41	1
Methylcyclohexane	0.00084	U	0.00084	0.00042	mg/Kg	☼	10/05/25 17:42	10/07/25 08:41	1
Methylene Chloride	**0.0020**		0.0017	0.00097	mg/Kg	☼	10/05/25 17:42	10/07/25 08:41	1
m-Xylene & p-Xylene	0.00084	U	0.00084	0.00036	mg/Kg	☼	10/05/25 17:42	10/07/25 08:41	1
n-Butylbenzene	0.00084	U	0.00084	0.00025	mg/Kg	☼	10/05/25 17:42	10/07/25 08:41	1
N-Propylbenzene	0.00084	U	0.00084	0.00038	mg/Kg	☼	10/05/25 17:42	10/07/25 08:41	1
o-Xylene	0.00084	U	0.00084	0.00039	mg/Kg	☼	10/05/25 17:42	10/07/25 08:41	1
sec-Butylbenzene	0.00084	U	0.00084	0.00024	mg/Kg	☼	10/05/25 17:42	10/07/25 08:41	1
Styrene	0.00084	U	0.00084	0.00023	mg/Kg	☼	10/05/25 17:42	10/07/25 08:41	1

Client: Haley & Aldrich, Inc.
Project/Site: Former Port Mobil

Job ID: 460-336212-1

Client Sample ID: 6C2_10-11
Date Collected: 10/01/25 13:20
Date Received: 10/01/25 16:15

Lab Sample ID: 460-336212-72
Matrix: Solid
Percent Solids: 90.9

Method: SW846 8260D - Volatile Organic Compounds by GC/MS (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
tert-Butylbenzene	0.00084	U	0.00084	0.00023	mg/Kg	☼	10/05/25 17:42	10/07/25 08:41	1
Tetrachloroethene	0.00084	U	0.00084	0.00026	mg/Kg	☼	10/05/25 17:42	10/07/25 08:41	1
Toluene	0.00084	U	0.00084	0.00020	mg/Kg	☼	10/05/25 17:42	10/07/25 08:41	1
trans-1,2-Dichloroethene	0.00084	U	0.00084	0.00021	mg/Kg	☼	10/05/25 17:42	10/07/25 08:41	1
trans-1,3-Dichloropropene	0.00084	U	0.00084	0.00022	mg/Kg	☼	10/05/25 17:42	10/07/25 08:41	1
Trichloroethene	0.00084	U	0.00084	0.00027	mg/Kg	☼	10/05/25 17:42	10/07/25 08:41	1
Trichlorofluoromethane	0.00084	U	0.00084	0.00034	mg/Kg	☼	10/05/25 17:42	10/07/25 08:41	1
Vinyl chloride	0.00084	U	0.00084	0.00046	mg/Kg	☼	10/05/25 17:42	10/07/25 08:41	1
Xylenes, Total	0.0017	U	0.0017	0.00015	mg/Kg	☼	10/05/25 17:42	10/07/25 08:41	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,2-Dichloroethane-d4 (Surr)	*110*		*65 - 138*	*10/05/25 17:42*	*10/07/25 08:41*	*1*
4-Bromofluorobenzene	*99*		*71 - 128*	*10/05/25 17:42*	*10/07/25 08:41*	*1*
Dibromofluoromethane (Surr)	*113*		*50 - 150*	*10/05/25 17:42*	*10/07/25 08:41*	*1*
Toluene-d8 (Surr)	*95*		*71 - 126*	*10/05/25 17:42*	*10/07/25 08:41*	*1*

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Percent Moisture (EPA Moisture)	**9.1**		1.0	1.0	%			10/05/25 17:33	1
Percent Solids (EPA Moisture)	**90.9**		1.0	1.0	%			10/05/25 17:33	1

Surrogate Summary

Client: Haley & Aldrich, Inc.
Project/Site: Former Port Mobil

Job ID: 460-336212-1

Method: 8260D - Volatile Organic Compounds by GC/MS

Matrix: Solid

Prep Type: Total/NA

		Percent Surrogate Recovery (Acceptance Limits)			
		DCA	BFB	DBFM	TOL
Lab Sample ID	Client Sample ID	(65-138)	(71-128)	(50-150)	(71-126)
460-336212-17	60A1_1-2	111	110	112	100
460-336212-18	60A2_2-3	108	102	110	96
460-336212-19	60A3_7-8	112	101	112	96
460-336212-20	60A1_3-4	110	103	111	97
460-336212-21	60A2_4-5	109	100	111	97
460-336212-22	60A3_5-6	109	100	112	97
460-336212-23	60A1_6-7	113	105	115	98
460-336212-24	43A1_1-2	111	99	114	96
460-336212-25	43A2_2-3	109	100	113	96
460-336212-26	43A3_3-4	110	99	113	94
460-336212-27	43A1_4-5	112	98	113	96
460-336212-28	43A2_5-6	109	100	113	96
460-336212-29	43A3_6-7	109	101	114	96
460-336212-30	43A2_7-8	108	101	112	95
460-336212-31	43B1_1-2	107	101	113	96
460-336212-32	43B2_2-3	116	102	120	97
460-336212-33	43B3_3-4	112	100	117	95
460-336212-34	43B1_4-5	113	100	119	96
460-336212-35	43B2_5-6	115	100	119	95
460-336212-36	43B3_6-7	111	99	114	95
460-336212-37	43B1_7-8	100	96	98	101
460-336212-38	8B1_1-2	101	98	98	102
460-336212-39	8B2_2-3	101	96	99	101
460-336212-40	8B3_4-5	100	94	99	101
460-336212-41	8B1_5-6	100	97	98	101
460-336212-42	8B2_6-7	101	96	98	102
460-336212-43	8B3_8-9	102	97	98	101
460-336212-44	8B2_9-10	103	94	99	101
460-336212-45	8A1_1-2	97	95	97	102
460-336212-46	8A2_2-3	103	98	100	102
460-336212-47	8A3_4-5	104	97	100	102
460-336212-48	8A1_5-6	103	96	100	102
460-336212-49	8A2_7-8	109	99	115	96
460-336212-50	8A3_8-9	112	100	115	95
460-336212-52	6A1_1-2	110	99	116	95
460-336212-53	6A2_2-3	111	98	116	95
460-336212-54	6A3_4-5	113	100	117	95
460-336212-55	6A1_5-6	112	98	117	94
460-336212-56	6A2_7-8	112	97	117	95
460-336212-57	6A3_9-10	112	98	119	94
460-336212-58	6A1_10-11	110	99	118	95
460-336212-59	6B1_1-2	111	99	113	94
460-336212-60	6B2_3-4	114	98	118	93
460-336212-61	6B3_2-3	113	97	115	95
460-336212-62	6B1_5-6	113	99	116	94
460-336212-63	6B2_6-7	112	99	117	96
460-336212-64	6B3_8-9	115	96	118	93
460-336212-65	6B1_9-10	114	97	118	95
460-336212-66	6C1_1-2	114	98	115	95

Method: 8260D - Volatile Organic Compounds by GC/MS (Continued)

Matrix: Solid

Prep Type: Total/NA

		Percent Surrogate Recovery (Acceptance Limits)			
		DCA	BFB	DBFM	TOL
Lab Sample ID	Client Sample ID	(65-138)	(71-128)	(50-150)	(71-126)
460-336212-67	6C2_2-3	114	99	119	94
460-336212-68	6C3_4-5	114	98	120	95
460-336212-69	6C1_5-6	107	98	114	96
460-336212-70	6C2_7-8	111	99	117	95
460-336212-71	6C3_9-10	107	97	112	94
460-336212-72	6C2_10-11	110	99	113	95
LCS 460-1066075/3	Lab Control Sample	93	97	94	99
LCS 460-1066241/3	Lab Control Sample	103	100	100	98
LCS 460-1066253/3	Lab Control Sample	101	102	100	98
LCS 460-1066254/3	Lab Control Sample	97	101	96	98
LCS 460-1066309/3	Lab Control Sample	93	95	94	99
LCS 460-1066310/3	Lab Control Sample	89	96	91	100
LCS 460-1066524/3	Lab Control Sample	98	100	97	98
LCSD 460-1066075/4	Lab Control Sample Dup	92	96	93	100
LCSD 460-1066241/4	Lab Control Sample Dup	100	101	98	98
LCSD 460-1066253/4	Lab Control Sample Dup	97	100	96	98
LCSD 460-1066254/4	Lab Control Sample Dup	99	101	96	98
LCSD 460-1066309/4	Lab Control Sample Dup	93	96	93	100
LCSD 460-1066310/4	Lab Control Sample Dup	90	95	93	100
LCSD 460-1066524/4	Lab Control Sample Dup	99	101	98	97
MB 460-1066075/7	Method Blank	97	94	98	101
MB 460-1066241/7	Method Blank	104	100	109	96
MB 460-1066253/7	Method Blank	111	98	118	96
MB 460-1066254/7	Method Blank	107	98	114	95
MB 460-1066309/7	Method Blank	99	92	98	100
MB 460-1066310/7	Method Blank	99	92	98	100
MB 460-1066524/7	Method Blank	114 *	97	117 *	96

Surrogate Legend

DCA = 1,2-Dichloroethane-d4 (Surr)
BFB = 4-Bromofluorobenzene
DBFM = Dibromofluoromethane (Surr)
TOL = Toluene-d8 (Surr)

Method: 8260D - Volatile Organic Compounds by GC/MS

Matrix: Solid

Prep Type: Total/NA

		Percent Surrogate Recovery (Acceptance Limits)			
		DCA	BFB	DBFM	TOL
Lab Sample ID	Client Sample ID	(60-150)	(70-150)	(68-150)	(64-157)
460-336212-51	8A1_9-10	107	106	101	99
LCS 460-1067457/34	Lab Control Sample	94	98	94	94
LCSD 460-1067457/35	Lab Control Sample Dup	97	105	106	106
MB 460-1067457/36	Method Blank	98	99	95	99

Surrogate Legend

DCA = 1,2-Dichloroethane-d4 (Surr)
BFB = 4-Bromofluorobenzene
DBFM = Dibromofluoromethane (Surr)
TOL = Toluene-d8 (Surr)

Surrogate Summary

Client: Haley & Aldrich, Inc.
Project/Site: Former Port Mobil

Job ID: 460-336212-1

Method: 8270E - Semivolatile Organic Compounds (GC/MS)

Matrix: Solid

Prep Type: Total/NA

		Percent Surrogate Recovery (Acceptance Limits)					
		TBP	FBP	2FP	NBZ	PHL	TPHL
Lab Sample ID	Client Sample ID	(18-137)	(33-117)	(24-120)	(27-120)	(28-118)	(33-124)
460-336212-1	60A_0-4	59	61	62	63	63	62
460-336212-1 MS	60A_0-4	61	61	61	64	63	60
460-336212-1 MSD	60A_0-4	61	62	64	66	64	60
460-336212-2	60A_4-8	50	53	55	56	52	51
460-336212-3	43A_0-4	57	58	57	59	58	71
460-336212-4	43A_4-8	61	64	65	68	66	72
460-336212-5	43B_0-4	58	61	63	65	60	63
460-336212-6	43B_4-8	60	64	66	68	62	71
460-336212-7	8A_0-5	55	59	60	61	61	65
460-336212-8	8A_5-10	60	64	67	68	66	72
460-336212-9	8B_0-5	57	60	61	60	60	68
460-336212-10	8B_5-10	60	63	64	65	65	72
460-336212-11	6A_0-6	57	62	63	66	64	71
460-336212-12	6A_6-12	57	60	62	64	58	68
460-336212-13	6B_0-6	59	63	64	65	65	72
460-336212-14	6B_6-12	59	61	64	63	63	70
460-336212-15	6C_0-6	53	57	58	58	59	66
460-336212-16	6C_6-12	57	62	63	65	64	70
LCS 460-1065439/2-A	Lab Control Sample	72	72	75	78	75	77
LCSD 460-1065439/3-A	Lab Control Sample Dup	71	72	71	77	74	75
MB 460-1065439/1-A	Method Blank	63	66	66	70	68	73

Surrogate Legend

TBP = 2,4,6-Tribromophenol (Surr)
FBP = 2-Fluorobiphenyl
2FP = 2-Fluorophenol (Surr)
NBZ = Nitrobenzene-d5 (Surr)
PHL = Phenol-d5 (Surr)
TPHL = Terphenyl-d14 (Surr)

Method: 8081B - Organochlorine Pesticides (GC)

Matrix: Solid

Prep Type: Total/NA

		Percent Surrogate Recovery (Acceptance Limits)			
		DCBP1	DCBP2	TCX1	TCX2
Lab Sample ID	Client Sample ID	(10-150)	(10-150)	(14-150)	(14-150)
460-336188-E-1-D MS	Matrix Spike	97	76	79	74
460-336188-E-1-E MSD	Matrix Spike Duplicate	100	79	82	78
460-336212-1	60A_0-4	111	93	90	92
460-336212-2	60A_4-8	111	107	97	105
460-336212-3	43A_0-4	109	93	91	93
460-336212-4	43A_4-8	128	111	106	108
460-336212-5	43B_0-4	131	98	105	89
460-336212-6	43B_4-8	92	74	75	72
460-336212-7	8A_0-5	102	83	83	80
460-336212-8	8A_5-10	110	81	88	79
460-336212-9	8B_0-5	122	96	99	98
460-336212-10	8B_5-10	108	85	89	89
460-336212-11	6A_0-6	143	90	110	78
460-336212-12	6A_6-12	100	74	79	69
460-336212-13	6B_0-6	114	91	94	94

Method: 8081B - Organochlorine Pesticides (GC) (Continued)

Matrix: Solid **Prep Type: Total/NA**

		Percent Surrogate Recovery (Acceptance Limits)			
		DCBP1	DCBP2	TCX1	TCX2
Lab Sample ID	Client Sample ID	(10-150)	(10-150)	(14-150)	(14-150)
460-336212-14	6B_6-12	95	80	79	82
460-336212-15	6C_0-6	108	91	89	92
460-336212-16	6C_6-12	121	100	98	99
LCS 460-1065437/2-A	Lab Control Sample	84	70	72	70
LCSD 460-1065437/3-A	Lab Control Sample Dup	83	67	69	67
MB 460-1065437/1-A	Method Blank	97	76	77	71

Surrogate Legend

DCBP = DCB Decachlorobiphenyl

TCX = Tetrachloro-m-xylene

Method: 8082A - Polychlorinated Biphenyls (PCBs) by Gas Chromatography

Matrix: Solid **Prep Type: Total/NA**

		Percent Surrogate Recovery (Acceptance Limits)			
		DCBP1	DCBP2	TCX1	TCX2
Lab Sample ID	Client Sample ID	(10-150)	(10-150)	(10-150)	(10-150)
460-336188-E-1-A MS	Matrix Spike	115	111	119	117
460-336188-E-1-B MSD	Matrix Spike Duplicate	92	87	90	87
460-336212-1	60A_0-4	120	117	123	117
460-336212-2	60A_4-8	143	144	143	134
460-336212-3	43A_0-4	132	131	132	125
460-336212-4	43A_4-8	172 *	167 *	171 *	159 *
460-336212-5	43B_0-4	148	147	148	140
460-336212-6	43B_4-8	126	122	123	117
460-336212-7	8A_0-5	134	128	128	122
460-336212-8	8A_5-10	130	125	126	120
460-336212-9	8B_0-5	161 *	150	154 *	143
460-336212-10	8B_5-10	131	124	130	122
460-336212-11	6A_0-6	152 *	145	146	136
460-336212-12	6A_6-12	120	114	116	110
460-336212-13	6B_0-6	138	133	136	128
460-336212-14	6B_6-12	142	133	136	127
460-336212-15	6C_0-6	136	128	129	123
460-336212-16	6C_6-12	150	143	145	137
LCS 460-1065429/2-A	Lab Control Sample	134	108	101	104
LCSD 460-1065429/3-A	Lab Control Sample Dup	113	107	113	111
MB 460-1065429/1-A	Method Blank	96	88	90	86

Surrogate Legend

DCBP = DCB Decachlorobiphenyl

TCX = Tetrachloro-m-xylene

Isotope Dilution Summary

Client: Haley & Aldrich, Inc.
Project/Site: Former Port Mobil

Job ID: 460-336212-1

Method: 1633A - Per- and Polyfluoroalkyl Substances by LC/MS/MS, 1633A

Matrix: Solid **Prep Type: Total/NA**

		Percent Isotope Dilution Recovery (Acceptance Limits)							
Lab Sample ID	Client Sample ID	PFBA (8-130)	PFPeA (35-130)	13C5PHA (40-130)	C4PFHA (40-130)	C8PFOA (40-130)	C9PFNA (40-130)	C6PFDA (40-130)	13C7PUA (40-130)
460-336212-1	60A_0-4	108	112	99.1	109	103	103	99.1	99.9
460-336212-2	60A_4-8	123	130	115	113	117	114	118	113
460-336212-3	43A_0-4	111	125	108	114	111	106	101	97.5
460-336212-4	43A_4-8	120	129	115	121	113	116	120	116
460-336212-5	43B_0-4	105	113	97.5	105	98.1	90.9	95.2	90.8
460-336212-6	43B_4-8	118	132 *	107	118	110	108	102	90.8
460-336212-7	8A_0-5	108	113	102	104	105	100	99.7	103
460-336212-8	8A_5-10	106	113	98.7	103	102	94.0	98.7	94.9
460-336212-9	8B_0-5	106	115	96.9	105	100	97.9	94.8	95.4
460-336212-10	8B_5-10	92.4	104	88.4	95.8	89.0	89.5	94.6	86.5
460-336212-11	6A_0-6	114	125	108	113	109	112	105	96.3
460-336212-12	6A_6-12	97.6	104	89.9	93.9	94.3	101	99.8	97.0
460-336212-13	6B_0-6	87.2	97.0	86.4	92.7	84.6	88.6	86.7	82.9
460-336212-14 - DL	6B_6-12								84.2
460-336212-14	6B_6-12	101	115	101	103	100	98.1	98.2	
460-336212-15	6C_0-6	102	108	97.7	100	95.9	92.5	99.9	97.5
460-336212-16	6C_6-12	105	112	97.4	103	99.2	101	99.7	95.3
LCS 410-710287/2-A	Lab Control Sample	105	101	106	96.6	101	111	98.5	98.6
LCSD 410-710287/3-A	Lab Control Sample Dup	101	105	99.4	94.0	97.2	98.4	97.0	101
LLCS 410-710287/4-A	Lab Control Sample	93.5	89.8	91.6	88.2	87.5	94.3	87.3	89.2
MB 410-710287/1-A	Method Blank	112	122	110	113	105	102	107	101

		Percent Isotope Dilution Recovery (Acceptance Limits)							
Lab Sample ID	Client Sample ID	PFTDA (20-130)	C3PFBS (40-135)	C3PFHS (40-130)	C8PFOS (40-130)	PFOSA (40-130)	d3NMFOS (40-135)	d5NEFOS (40-150)	M242FTS (40-165)
460-336212-1	60A_0-4	90.7	96.8	103	103	63.4	69.8	73.4	140
460-336212-2	60A_4-8	107	104	113	105	74.2	87.6	84.9	207 *
460-336212-3	43A_0-4	60.9	104	107	107	65.6	62.2	59.3	111
460-336212-4	43A_4-8	90.2	115	113	117	68.5	74.4	68.1	130
460-336212-5	43B_0-4	56.9	99.4	98.3	92.4	59.6	60.2	58.4	119
460-336212-6	43B_4-8	64.0	113	110	97.5	66.2	65.2	61.7	135
460-336212-7	8A_0-5	76.5	101	99.7	105	68.9	65.0	62.9	94.5
460-336212-8	8A_5-10	74.5	99.0	97.7	99.3	57.8	56.4	53.5	90.5
460-336212-9	8B_0-5	73.0	99.6	102	96.9	62.4	60.6	56.6	92.2
460-336212-10	8B_5-10	77.2	92.9	88.5	90.7	52.2	52.6	49.9	79.0
460-336212-11	6A_0-6	65.9	111	110	109	68.8	63.1	60.9	96.6
460-336212-12	6A_6-12	67.9	95.2	92.0	94.0	61.1	56.7	54.0	83.6
460-336212-13	6B_0-6	69.2	81.3	84.8	85.1	47.4	48.3	45.9	77.1
460-336212-14 - DL	6B_6-12								
460-336212-14	6B_6-12	80.2	100	99.0	95.7	56.3	57.4	54.4	96.0
460-336212-15	6C_0-6	72.5	97.8	96.7	94.2	59.1	57.2	53.3	92.2
460-336212-16	6C_6-12	64.5	96.4	95.5	96.4	59.0	54.2	51.2	87.8
LCS 410-710287/2-A	Lab Control Sample	84.2	110	102	108	99.5	106	97.1	105
LCSD 410-710287/3-A	Lab Control Sample Dup	83.7	107	94.5	95.1	94.0	101	94.6	99.3
LLCS 410-710287/4-A	Lab Control Sample	79.5	97.0	87.9	96.9	89.3	99.8	87.5	94.7
MB 410-710287/1-A	Method Blank	88.2	111	109	106	65.6	68.9	63.9	108

		Percent Isotope Dilution Recovery (Acceptance Limits)							
Lab Sample ID	Client Sample ID	M262FTS (40-215)	M282FTS (40-275)	HFPODA (40-130)	NMFM (20-130)	NEFM (15-130)	d5NPFSA (10-130)	d3NMFSA (10-130)	PFDoA (40-130)
460-336212-1	60A_0-4	147	116	103	52.8	46.9	55.6	59.4	99.4

Isotope Dilution Summary

Client: Haley & Aldrich, Inc.
Project/Site: Former Port Mobil

Job ID: 460-336212-1

Method: 1633A - Per- and Polyfluoroalkyl Substances by LC/MS/MS, 1633A (Continued)

Matrix: Solid **Prep Type: Total/NA**

		Percent Isotope Dilution Recovery (Acceptance Limits)							
Lab Sample ID	Client Sample ID	M262FTS (40-215)	M282FTS (40-275)	HFPODA (40-130)	NMFM (20-130)	NEFM (15-130)	d5NPFSA (10-130)	d3NMFSA (10-130)	PFDoA (40-130)
460-336212-2	60A_4-8	221 *	229	110	32.9	26.4	38.7	43.2	107
460-336212-3	43A_0-4	119	97.9	106	40.0	33.3	50.6	55.7	92.5
460-336212-4	43A_4-8	123	98.3	115	49.3	37.5	59.3	61.5	107
460-336212-5	43B_0-4	125	90.9	98.6	38.3	26.5	49.7	52.8	84.7
460-336212-6	43B_4-8	132	92.6	113	43.2	34.2	49.7	55.6	78.0
460-336212-7	8A_0-5	96.7	82.8	98.8	52.9	47.0	56.8	61.1	91.8
460-336212-8	8A_5-10	92.7	77.8	106	42.5	38.6	47.3	50.5	82.4
460-336212-9	8B_0-5	96.8	77.4	98.1	46.0	39.9	53.3	56.5	85.8
460-336212-10	8B_5-10	85.9	72.7	87.0	47.4	42.7	47.7	48.0	87.3
460-336212-11	6A_0-6	101	83.0	121	48.4	41.3	59.0	60.4	93.9
460-336212-12	6A_6-12	87.0	68.9	96.0	46.4	39.7	51.9	54.4	88.3
460-336212-13	6B_0-6	85.4	67.5	89.9	38.8	36.6	41.1	41.6	77.4
460-336212-14 - DL	6B_6-12								
460-336212-14	6B_6-12	105	83.3	97.0	41.6	37.7	47.7	49.7	88.8
460-336212-15	6C_0-6	94.2	76.7	92.1	44.2	39.6	46.8	51.8	84.7
460-336212-16	6C_6-12	96.0	81.8	97.3	44.5	40.5	46.8	50.5	81.0
LCS 410-710287/2-A	Lab Control Sample	101	121	101	90.7	80.7	89.1	95.3	99.9
LCSD 410-710287/3-A	Lab Control Sample Dup	94.2	125	98.9	88.7	82.9	84.8	87.8	99.9
LLCS 410-710287/4-A	Lab Control Sample	88.8	114	86.6	88.1	73.3	83.7	88.2	89.1
MB 410-710287/1-A	Method Blank	112	88.1	106	50.3	43.1	54.8	58.7	91.0

Surrogate Legend

PFBA = 13C4 PFBA
PFPeA = 13C5 PFPeA
13C5PHA = 13C5 PFHxA
C4PFHA = 13C4 PFHpA
C8PFOA = 13C8 PFOA
C9PFNA = 13C9 PFNA
C6PFDA = 13C6 PFDA
13C7PUA = 13C7 PFUnA
PFTDA = 13C2 PFTeDA
C3PFBS = 13C3 PFBS
C3PFHS = 13C3 PFHxS
C8PFOS = 13C8 PFOS
PFOSA = 13C8 FOSA
d3NMFOS = d3-NMeFOSAA
d5NEFOS = d5-NEtFOSAA
M242FTS = 13C2 4:2 FTS
M262FTS = 13C2 6:2 FTS
M282FTS = 13C2 8:2 FTS
HFPODA = 13C3 HFPO-DA
NMFM = d7-N-MeFOSE-M
NEFM = d9-N-EtFOSE-M
d5NPFSA = d5-NEtPFOSA
d3NMFSA = d3-NMePFOSA
PFDoA = 13C2 PFDoA

Method: 8260D - Volatile Organic Compounds by GC/MS

Lab Sample ID: MB 460-1066075/7
Matrix: Solid
Analysis Batch: 1066075

Client Sample ID: Method Blank
Prep Type: Total/NA

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1-Trichloroethane	0.0010	U	0.0010	0.00023	mg/Kg			10/06/25 11:46	1
1,1,2,2-Tetrachloroethane	0.0010	U	0.0010	0.00052	mg/Kg			10/06/25 11:46	1
1,1,2-Trichloro-1,2,2-trifluoroethane	0.0010	U	0.0010	0.00030	mg/Kg			10/06/25 11:46	1
1,1,2-Trichloroethane	0.0010	U	0.0010	0.00060	mg/Kg			10/06/25 11:46	1
1,1-Dichloroethane	0.0010	U	0.0010	0.00060	mg/Kg			10/06/25 11:46	1
1,1-Dichloroethene	0.0010	U	0.0010	0.00023	mg/Kg			10/06/25 11:46	1
1,2,3-Trichlorobenzene	0.0010	U	0.0010	0.00074	mg/Kg			10/06/25 11:46	1
1,2,4-Trichlorobenzene	0.0010	U	0.0010	0.00036	mg/Kg			10/06/25 11:46	1
1,2,4-Trimethylbenzene	0.0010	U	0.0010	0.00025	mg/Kg			10/06/25 11:46	1
1,2-Dibromo-3-Chloropropane	0.0010	U	0.0010	0.00046	mg/Kg			10/06/25 11:46	1
1,2-Dichlorobenzene	0.0010	U	0.0010	0.00036	mg/Kg			10/06/25 11:46	1
1,2-Dichloroethane	0.0010	U	0.0010	0.00030	mg/Kg			10/06/25 11:46	1
1,2-Dichloropropane	0.0010	U	0.0010	0.00042	mg/Kg			10/06/25 11:46	1
1,3,5-Trimethylbenzene	0.0010	U	0.0010	0.00031	mg/Kg			10/06/25 11:46	1
1,3-Dichlorobenzene	0.0010	U	0.0010	0.00037	mg/Kg			10/06/25 11:46	1
1,4-Dichlorobenzene	0.0010	U	0.0010	0.00052	mg/Kg			10/06/25 11:46	1
2-Butanone (MEK)	0.0050	U	0.0050	0.00037	mg/Kg			10/06/25 11:46	1
2-Hexanone	0.0050	U	0.0050	0.0017	mg/Kg			10/06/25 11:46	1
4-Methyl-2-pentanone (MIBK)	0.0050	U	0.0050	0.0016	mg/Kg			10/06/25 11:46	1
Acetone	0.0060	U	0.0060	0.0057	mg/Kg			10/06/25 11:46	1
Benzene	0.0010	U	0.0010	0.00057	mg/Kg			10/06/25 11:46	1
Bromoform	0.0010	U	0.0010	0.00043	mg/Kg			10/06/25 11:46	1
Bromomethane	0.0020	U	0.0020	0.0010	mg/Kg			10/06/25 11:46	1
Carbon disulfide	0.0010	U	0.0010	0.00027	mg/Kg			10/06/25 11:46	1
Carbon tetrachloride	0.0010	U	0.0010	0.00039	mg/Kg			10/06/25 11:46	1
Chlorobenzene	0.0010	U	0.0010	0.00051	mg/Kg			10/06/25 11:46	1
Chlorobromomethane	0.0010	U	0.0010	0.00060	mg/Kg			10/06/25 11:46	1
Chlorodibromomethane	0.0010	U	0.0010	0.00054	mg/Kg			10/06/25 11:46	1
Chloroethane	0.0010	U	0.0010	0.00052	mg/Kg			10/06/25 11:46	1
Chloroform	0.0010	U	0.0010	0.00097	mg/Kg			10/06/25 11:46	1
Chloromethane	0.0010	U	0.0010	0.00044	mg/Kg			10/06/25 11:46	1
cis-1,2-Dichloroethene	0.0010	U	0.0010	0.00036	mg/Kg			10/06/25 11:46	1
cis-1,3-Dichloropropene	0.0010	U	0.0010	0.00027	mg/Kg			10/06/25 11:46	1
Cyclohexane	0.0010	U	0.0010	0.00022	mg/Kg			10/06/25 11:46	1
Dichlorobromomethane	0.0010	U	0.0010	0.00026	mg/Kg			10/06/25 11:46	1
Dichlorodifluoromethane	0.0010	U	0.0010	0.00034	mg/Kg			10/06/25 11:46	1
Ethylbenzene	0.0010	U	0.0010	0.00047	mg/Kg			10/06/25 11:46	1
Ethylene Dibromide	0.0010	U	0.0010	0.00050	mg/Kg			10/06/25 11:46	1
Isopropylbenzene	0.0010	U	0.0010	0.00029	mg/Kg			10/06/25 11:46	1
Methyl acetate	0.0050	U	0.0050	0.0043	mg/Kg			10/06/25 11:46	1
Methyl tert-butyl ether	0.0010	U	0.0010	0.00051	mg/Kg			10/06/25 11:46	1
Methylcyclohexane	0.0010	U	0.0010	0.00050	mg/Kg			10/06/25 11:46	1
Methylene Chloride	0.0020	U	0.0020	0.0011	mg/Kg			10/06/25 11:46	1
m-Xylene & p-Xylene	0.0010	U	0.0010	0.00042	mg/Kg			10/06/25 11:46	1
n-Butylbenzene	0.0010	U	0.0010	0.00029	mg/Kg			10/06/25 11:46	1
N-Propylbenzene	0.0010	U	0.0010	0.00045	mg/Kg			10/06/25 11:46	1
o-Xylene	0.0010	U	0.0010	0.00046	mg/Kg			10/06/25 11:46	1
sec-Butylbenzene	0.0010	U	0.0010	0.00029	mg/Kg			10/06/25 11:46	1

Method: 8260D - Volatile Organic Compounds by GC/MS (Continued)

Lab Sample ID: MB 460-1066075/7
Matrix: Solid
Analysis Batch: 1066075

Client Sample ID: Method Blank
Prep Type: Total/NA

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Styrene	0.000672	J	0.0010	0.00028	mg/Kg			10/06/25 11:46	1
tert-Butylbenzene	0.0010	U	0.0010	0.00028	mg/Kg			10/06/25 11:46	1
Tetrachloroethene	0.0010	U	0.0010	0.00031	mg/Kg			10/06/25 11:46	1
Toluene	0.0010	U	0.0010	0.00023	mg/Kg			10/06/25 11:46	1
trans-1,2-Dichloroethene	0.0010	U	0.0010	0.00025	mg/Kg			10/06/25 11:46	1
trans-1,3-Dichloropropene	0.0010	U	0.0010	0.00027	mg/Kg			10/06/25 11:46	1
Trichloroethene	0.0010	U	0.0010	0.00032	mg/Kg			10/06/25 11:46	1
Trichlorofluoromethane	0.0010	U	0.0010	0.00041	mg/Kg			10/06/25 11:46	1
Vinyl chloride	0.0010	U	0.0010	0.00055	mg/Kg			10/06/25 11:46	1
Xylenes, Total	0.0020	U	0.0020	0.00017	mg/Kg			10/06/25 11:46	1

Surrogate	*MB %Recovery*	*MB Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,2-Dichloroethane-d4 (Surr)	*97*		*65 - 138*		*10/06/25 11:46*	*1*
4-Bromofluorobenzene	*94*		*71 - 128*		*10/06/25 11:46*	*1*
Dibromofluoromethane (Surr)	*98*		*50 - 150*		*10/06/25 11:46*	*1*
Toluene-d8 (Surr)	*101*		*71 - 126*		*10/06/25 11:46*	*1*

Lab Sample ID: LCS 460-1066075/3
Matrix: Solid
Analysis Batch: 1066075

Client Sample ID: Lab Control Sample
Prep Type: Total/NA

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
1,1,1-Trichloroethane	0.0200	0.0187		mg/Kg		94	78 - 120
1,1,2,2-Tetrachloroethane	0.0200	0.0185		mg/Kg		93	70 - 133
1,1,2-Trichloro-1,2,2-trifluoroethane	0.0200	0.0208		mg/Kg		104	75 - 121
1,1,2-Trichloroethane	0.0200	0.0194		mg/Kg		97	80 - 120
1,1-Dichloroethane	0.0200	0.0198		mg/Kg		99	72 - 120
1,1-Dichloroethene	0.0200	0.0216		mg/Kg		108	76 - 120
1,2,3-Trichlorobenzene	0.0200	0.0189		mg/Kg		95	77 - 137
1,2,4-Trichlorobenzene	0.0200	0.0184		mg/Kg		92	77 - 136
1,2,4-Trimethylbenzene	0.0200	0.0202		mg/Kg		101	75 - 120
1,2-Dibromo-3-Chloropropane	0.0200	0.0179		mg/Kg		90	80 - 124
1,2-Dichlorobenzene	0.0200	0.0198		mg/Kg		99	80 - 120
1,2-Dichloroethane	0.0200	0.0178		mg/Kg		89	70 - 123
1,2-Dichloropropane	0.0200	0.0192		mg/Kg		96	73 - 124
1,3,5-Trimethylbenzene	0.0200	0.0200		mg/Kg		100	70 - 120
1,3-Dichlorobenzene	0.0200	0.0203		mg/Kg		101	80 - 120
1,4-Dichlorobenzene	0.0200	0.0197		mg/Kg		98	80 - 120
2-Butanone (MEK)	0.100	0.101		mg/Kg		101	64 - 128
2-Hexanone	0.100	0.102		mg/Kg		102	75 - 120
4-Methyl-2-pentanone (MIBK)	0.100	0.102		mg/Kg		102	80 - 120
Acetone	0.100	0.0973		mg/Kg		97	58 - 122
Benzene	0.0200	0.0199		mg/Kg		99	75 - 120
Bromoform	0.0200	0.0185		mg/Kg		93	61 - 125
Bromomethane	0.0200	0.0119		mg/Kg		60	37 - 150
Carbon disulfide	0.0200	0.0215		mg/Kg		107	57 - 133
Carbon tetrachloride	0.0200	0.0184		mg/Kg		92	66 - 127
Chlorobenzene	0.0200	0.0196		mg/Kg		98	80 - 120

Method: 8260D - Volatile Organic Compounds by GC/MS (Continued)

Lab Sample ID: LCS 460-1066075/3
Matrix: Solid
Analysis Batch: 1066075

Client Sample ID: Lab Control Sample
Prep Type: Total/NA

Analyte			Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits		
Chlorobromomethane			0.0200	0.0201		mg/Kg		100	76 - 127		
Chlorodibromomethane			0.0200	0.0185		mg/Kg		92	72 - 120		
Chloroethane			0.0200	0.0168		mg/Kg		84	60 - 123		
Chloroform			0.0200	0.0192		mg/Kg		96	79 - 126		
Chloromethane			0.0200	0.0197		mg/Kg		98	46 - 122		
cis-1,2-Dichloroethene			0.0200	0.0189		mg/Kg		95	80 - 123		
cis-1,3-Dichloropropene			0.0200	0.0179		mg/Kg		90	75 - 120		
Cyclohexane			0.0200	0.0218		mg/Kg		109	65 - 132		
Dichlorobromomethane			0.0200	0.0183		mg/Kg		91	77 - 124		
Dichlorodifluoromethane			0.0200	0.0229		mg/Kg		115	45 - 129		
Ethylbenzene			0.0200	0.0198		mg/Kg		99	80 - 120		
Ethylene Dibromide			0.0200	0.0191		mg/Kg		95	79 - 120		
Isopropylbenzene			0.0200	0.0203		mg/Kg		102	74 - 120		
Methyl acetate			0.0400	0.0357		mg/Kg		89	57 - 120		
Methyl tert-butyl ether			0.0200	0.0180		mg/Kg		90	74 - 125		
Methylcyclohexane			0.0200	0.0216		mg/Kg		108	66 - 125		
Methylene Chloride			0.0200	0.0211		mg/Kg		106	78 - 120		
m-Xylene & p-Xylene			0.0200	0.0201		mg/Kg		101	80 - 120		
n-Butylbenzene			0.0200	0.0206		mg/Kg		103	72 - 120		
N-Propylbenzene			0.0200	0.0199		mg/Kg		99	68 - 120		
o-Xylene			0.0200	0.0203		mg/Kg		101	80 - 120		
sec-Butylbenzene			0.0200	0.0206		mg/Kg		103	78 - 120		
Styrene			0.0200	0.0199		mg/Kg		100	80 - 120		
tert-Butylbenzene			0.0200	0.0202		mg/Kg		101	80 - 120		
Tetrachloroethene			0.0200	0.0191		mg/Kg		95	73 - 120		
Toluene			0.0200	0.0194		mg/Kg		97	80 - 120		
trans-1,2-Dichloroethene			0.0200	0.0198		mg/Kg		99	78 - 120		
trans-1,3-Dichloropropene			0.0200	0.0174		mg/Kg		87	77 - 120		
Trichloroethene			0.0200	0.0191		mg/Kg		96	80 - 120		
Trichlorofluoromethane			0.0200	0.0185		mg/Kg		92	61 - 130		
Vinyl chloride			0.0200	0.0193		mg/Kg		97	54 - 122		
Xylenes, Total			0.0400	0.0404		mg/Kg		101	80 - 120		

Surrogate	*LCS %Recovery*	*LCS Qualifier*	*Limits*
1,2-Dichloroethane-d4 (Surr)	*93*		*65 - 138*
4-Bromofluorobenzene	*97*		*71 - 128*
Dibromofluoromethane (Surr)	*94*		*50 - 150*
Toluene-d8 (Surr)	*99*		*71 - 126*

Lab Sample ID: LCSD 460-1066075/4
Matrix: Solid
Analysis Batch: 1066075

Client Sample ID: Lab Control Sample Dup
Prep Type: Total/NA

Analyte			Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
1,1,1-Trichloroethane			0.0200	0.0184		mg/Kg		92	78 - 120	2	30
1,1,2,2-Tetrachloroethane			0.0200	0.0189		mg/Kg		94	70 - 133	2	30
1,1,2-Trichloro-1,2,2-trifluoroethane			0.0200	0.0205		mg/Kg		102	75 - 121	2	30
1,1,2-Trichloroethane			0.0200	0.0193		mg/Kg		96	80 - 120	1	30

Method: 8260D - Volatile Organic Compounds by GC/MS (Continued)

Lab Sample ID: LCSD 460-1066075/4
Matrix: Solid
Analysis Batch: 1066075

Client Sample ID: Lab Control Sample Dup
Prep Type: Total/NA

Analyte			Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
1,1-Dichloroethane			0.0200	0.0196		mg/Kg		98	72 - 120	1	30
1,1-Dichloroethene			0.0200	0.0212		mg/Kg		106	76 - 120	2	30
1,2,3-Trichlorobenzene			0.0200	0.0177		mg/Kg		89	77 - 137	7	30
1,2,4-Trichlorobenzene			0.0200	0.0170		mg/Kg		85	77 - 136	8	30
1,2,4-Trimethylbenzene			0.0200	0.0192		mg/Kg		96	75 - 120	5	30
1,2-Dibromo-3-Chloropropane			0.0200	0.0172		mg/Kg		86	80 - 124	4	30
1,2-Dichlorobenzene			0.0200	0.0190		mg/Kg		95	80 - 120	4	30
1,2-Dichloroethane			0.0200	0.0175		mg/Kg		88	70 - 123	2	30
1,2-Dichloropropane			0.0200	0.0189		mg/Kg		95	73 - 124	1	30
1,3,5-Trimethylbenzene			0.0200	0.0193		mg/Kg		96	70 - 120	4	30
1,3-Dichlorobenzene			0.0200	0.0196		mg/Kg		98	80 - 120	3	30
1,4-Dichlorobenzene			0.0200	0.0185		mg/Kg		93	80 - 120	6	30
2-Butanone (MEK)			0.100	0.102		mg/Kg		102	64 - 128	1	30
2-Hexanone			0.100	0.102		mg/Kg		102	75 - 120	0	30
4-Methyl-2-pentanone (MIBK)			0.100	0.103		mg/Kg		103	80 - 120	1	30
Acetone			0.100	0.0978		mg/Kg		98	58 - 122	0	30
Benzene			0.0200	0.0196		mg/Kg		98	75 - 120	1	30
Bromoform			0.0200	0.0182		mg/Kg		91	61 - 125	2	30
Bromomethane			0.0200	0.0132		mg/Kg		66	37 - 150	10	30
Carbon disulfide			0.0200	0.0209		mg/Kg		105	57 - 133	3	30
Carbon tetrachloride			0.0200	0.0183		mg/Kg		91	66 - 127	1	30
Chlorobenzene			0.0200	0.0192		mg/Kg		96	80 - 120	2	30
Chlorobromomethane			0.0200	0.0200		mg/Kg		100	76 - 127	0	30
Chlorodibromomethane			0.0200	0.0183		mg/Kg		91	72 - 120	1	30
Chloroethane			0.0200	0.0178		mg/Kg		89	60 - 123	6	30
Chloroform			0.0200	0.0190		mg/Kg		95	79 - 126	1	30
Chloromethane			0.0200	0.0198		mg/Kg		99	46 - 122	1	30
cis-1,2-Dichloroethene			0.0200	0.0187		mg/Kg		93	80 - 123	1	30
cis-1,3-Dichloropropene			0.0200	0.0177		mg/Kg		89	75 - 120	1	30
Cyclohexane			0.0200	0.0213		mg/Kg		107	65 - 132	2	30
Dichlorobromomethane			0.0200	0.0179		mg/Kg		90	77 - 124	2	30
Dichlorodifluoromethane			0.0200	0.0235		mg/Kg		117	45 - 129	2	30
Ethylbenzene			0.0200	0.0197		mg/Kg		99	80 - 120	1	30
Ethylene Dibromide			0.0200	0.0190		mg/Kg		95	79 - 120	0	30
Isopropylbenzene			0.0200	0.0199		mg/Kg		100	74 - 120	2	30
Methyl acetate			0.0400	0.0338		mg/Kg		84	57 - 120	6	30
Methyl tert-butyl ether			0.0200	0.0176		mg/Kg		88	74 - 125	2	30
Methylcyclohexane			0.0200	0.0205		mg/Kg		103	66 - 125	5	30
Methylene Chloride			0.0200	0.0207		mg/Kg		103	78 - 120	2	30
m-Xylene & p-Xylene			0.0200	0.0196		mg/Kg		98	80 - 120	3	30
n-Butylbenzene			0.0200	0.0190		mg/Kg		95	72 - 120	8	30
N-Propylbenzene			0.0200	0.0191		mg/Kg		95	68 - 120	4	30
o-Xylene			0.0200	0.0197		mg/Kg		98	80 - 120	3	30
sec-Butylbenzene			0.0200	0.0197		mg/Kg		98	78 - 120	4	30
Styrene			0.0200	0.0194		mg/Kg		97	80 - 120	3	30
tert-Butylbenzene			0.0200	0.0196		mg/Kg		98	80 - 120	3	30
Tetrachloroethene			0.0200	0.0182		mg/Kg		91	73 - 120	4	30
Toluene			0.0200	0.0192		mg/Kg		96	80 - 120	1	30
trans-1,2-Dichloroethene			0.0200	0.0190		mg/Kg		95	78 - 120	4	30

Method: 8260D - Volatile Organic Compounds by GC/MS (Continued)

Lab Sample ID: LCSD 460-1066075/4
Matrix: Solid
Analysis Batch: 1066075

Client Sample ID: Lab Control Sample Dup
Prep Type: Total/NA

Analyte			Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
trans-1,3-Dichloropropene			0.0200	0.0170		mg/Kg		85	77 - 120	2	30
Trichloroethene			0.0200	0.0184		mg/Kg		92	80 - 120	4	30
Trichlorofluoromethane			0.0200	0.0186		mg/Kg		93	61 - 130	1	30
Vinyl chloride			0.0200	0.0194		mg/Kg		97	54 - 122	0	30
Xylenes, Total			0.0400	0.0393		mg/Kg		98	80 - 120	3	30

Surrogate	*LCSD %Recovery*	*LCSD Qualifier*	*Limits*
1,2-Dichloroethane-d4 (Surr)	*92*		*65 - 138*
4-Bromofluorobenzene	*96*		*71 - 128*
Dibromofluoromethane (Surr)	*93*		*50 - 150*
Toluene-d8 (Surr)	*100*		*71 - 126*

Lab Sample ID: MB 460-1066241/7
Matrix: Solid
Analysis Batch: 1066241

Client Sample ID: Method Blank
Prep Type: Total/NA

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1-Trichloroethane	0.0010	U	0.0010	0.00023	mg/Kg			10/06/25 09:56	1
1,1,2,2-Tetrachloroethane	0.0010	U	0.0010	0.00052	mg/Kg			10/06/25 09:56	1
1,1,2-Trichloro-1,2,2-trifluoroethane	0.0010	U	0.0010	0.00030	mg/Kg			10/06/25 09:56	1
1,1,2-Trichloroethane	0.0010	U	0.0010	0.00060	mg/Kg			10/06/25 09:56	1
1,1-Dichloroethane	0.0010	U	0.0010	0.00060	mg/Kg			10/06/25 09:56	1
1,1-Dichloroethene	0.0010	U	0.0010	0.00023	mg/Kg			10/06/25 09:56	1
1,2,3-Trichlorobenzene	0.0010	U	0.0010	0.00074	mg/Kg			10/06/25 09:56	1
1,2,4-Trichlorobenzene	0.0010	U	0.0010	0.00036	mg/Kg			10/06/25 09:56	1
1,2,4-Trimethylbenzene	0.0010	U	0.0010	0.00025	mg/Kg			10/06/25 09:56	1
1,2-Dibromo-3-Chloropropane	0.0010	U	0.0010	0.00046	mg/Kg			10/06/25 09:56	1
1,2-Dichlorobenzene	0.0010	U	0.0010	0.00036	mg/Kg			10/06/25 09:56	1
1,2-Dichloroethane	0.0010	U	0.0010	0.00030	mg/Kg			10/06/25 09:56	1
1,2-Dichloropropane	0.0010	U	0.0010	0.00042	mg/Kg			10/06/25 09:56	1
1,3,5-Trimethylbenzene	0.0010	U	0.0010	0.00031	mg/Kg			10/06/25 09:56	1
1,3-Dichlorobenzene	0.0010	U	0.0010	0.00037	mg/Kg			10/06/25 09:56	1
1,4-Dichlorobenzene	0.0010	U	0.0010	0.00052	mg/Kg			10/06/25 09:56	1
2-Butanone (MEK)	0.0050	U	0.0050	0.00037	mg/Kg			10/06/25 09:56	1
2-Hexanone	0.0050	U	0.0050	0.0017	mg/Kg			10/06/25 09:56	1
4-Methyl-2-pentanone (MIBK)	0.0050	U	0.0050	0.0016	mg/Kg			10/06/25 09:56	1
Acetone	0.0060	U	0.0060	0.0057	mg/Kg			10/06/25 09:56	1
Benzene	0.0010	U	0.0010	0.00057	mg/Kg			10/06/25 09:56	1
Bromoform	0.0010	U	0.0010	0.00043	mg/Kg			10/06/25 09:56	1
Bromomethane	0.0020	U	0.0020	0.0010	mg/Kg			10/06/25 09:56	1
Carbon disulfide	0.0010	U	0.0010	0.00027	mg/Kg			10/06/25 09:56	1
Carbon tetrachloride	0.0010	U	0.0010	0.00039	mg/Kg			10/06/25 09:56	1
Chlorobenzene	0.0010	U	0.0010	0.00051	mg/Kg			10/06/25 09:56	1
Chlorobromomethane	0.0010	U	0.0010	0.00060	mg/Kg			10/06/25 09:56	1
Chlorodibromomethane	0.0010	U	0.0010	0.00054	mg/Kg			10/06/25 09:56	1
Chloroethane	0.0010	U	0.0010	0.00052	mg/Kg			10/06/25 09:56	1
Chloroform	0.0010	U	0.0010	0.00097	mg/Kg			10/06/25 09:56	1
Chloromethane	0.0010	U	0.0010	0.00044	mg/Kg			10/06/25 09:56	1

Method: 8260D - Volatile Organic Compounds by GC/MS (Continued)

Lab Sample ID: MB 460-1066241/7
Matrix: Solid
Analysis Batch: 1066241

Client Sample ID: Method Blank
Prep Type: Total/NA

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
cis-1,2-Dichloroethene	0.0010	U	0.0010	0.00036	mg/Kg			10/06/25 09:56	1
cis-1,3-Dichloropropene	0.0010	U	0.0010	0.00027	mg/Kg			10/06/25 09:56	1
Cyclohexane	0.0010	U	0.0010	0.00022	mg/Kg			10/06/25 09:56	1
Dichlorobromomethane	0.0010	U	0.0010	0.00026	mg/Kg			10/06/25 09:56	1
Dichlorodifluoromethane	0.0010	U	0.0010	0.00034	mg/Kg			10/06/25 09:56	1
Ethylbenzene	0.0010	U	0.0010	0.00047	mg/Kg			10/06/25 09:56	1
Ethylene Dibromide	0.0010	U	0.0010	0.00050	mg/Kg			10/06/25 09:56	1
Isopropylbenzene	0.0010	U	0.0010	0.00029	mg/Kg			10/06/25 09:56	1
Methyl acetate	0.0050	U	0.0050	0.0043	mg/Kg			10/06/25 09:56	1
Methyl tert-butyl ether	0.0010	U	0.0010	0.00051	mg/Kg			10/06/25 09:56	1
Methylcyclohexane	0.0010	U	0.0010	0.00050	mg/Kg			10/06/25 09:56	1
Methylene Chloride	0.0020	U	0.0020	0.0011	mg/Kg			10/06/25 09:56	1
m-Xylene & p-Xylene	0.0010	U	0.0010	0.00042	mg/Kg			10/06/25 09:56	1
n-Butylbenzene	0.0010	U	0.0010	0.00029	mg/Kg			10/06/25 09:56	1
N-Propylbenzene	0.0010	U	0.0010	0.00045	mg/Kg			10/06/25 09:56	1
o-Xylene	0.0010	U	0.0010	0.00046	mg/Kg			10/06/25 09:56	1
sec-Butylbenzene	0.0010	U	0.0010	0.00029	mg/Kg			10/06/25 09:56	1
Styrene	0.0010	U	0.0010	0.00028	mg/Kg			10/06/25 09:56	1
tert-Butylbenzene	0.0010	U	0.0010	0.00028	mg/Kg			10/06/25 09:56	1
Tetrachloroethene	0.0010	U	0.0010	0.00031	mg/Kg			10/06/25 09:56	1
Toluene	0.0010	U	0.0010	0.00023	mg/Kg			10/06/25 09:56	1
trans-1,2-Dichloroethene	0.0010	U	0.0010	0.00025	mg/Kg			10/06/25 09:56	1
trans-1,3-Dichloropropene	0.0010	U	0.0010	0.00027	mg/Kg			10/06/25 09:56	1
Trichloroethene	0.0010	U	0.0010	0.00032	mg/Kg			10/06/25 09:56	1
Trichlorofluoromethane	0.0010	U	0.0010	0.00041	mg/Kg			10/06/25 09:56	1
Vinyl chloride	0.0010	U	0.0010	0.00055	mg/Kg			10/06/25 09:56	1
Xylenes, Total	0.0020	U	0.0020	0.00017	mg/Kg			10/06/25 09:56	1

Surrogate	*MB %Recovery*	*MB Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,2-Dichloroethane-d4 (Surr)	*104*		*65 - 138*		*10/06/25 09:56*	*1*
4-Bromofluorobenzene	*100*		*71 - 128*		*10/06/25 09:56*	*1*
Dibromofluoromethane (Surr)	*109*		*50 - 150*		*10/06/25 09:56*	*1*
Toluene-d8 (Surr)	*96*		*71 - 126*		*10/06/25 09:56*	*1*

Lab Sample ID: LCS 460-1066241/3
Matrix: Solid
Analysis Batch: 1066241

Client Sample ID: Lab Control Sample
Prep Type: Total/NA

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
1,1,1-Trichloroethane	0.0200	0.0161		mg/Kg		80	78 - 120
1,1,2,2-Tetrachloroethane	0.0200	0.0184		mg/Kg		92	70 - 133
1,1,2-Trichloro-1,2,2-trifluoroethane	0.0200	0.0156		mg/Kg		78	75 - 121
1,1,2-Trichloroethane	0.0200	0.0195		mg/Kg		98	80 - 120
1,1-Dichloroethane	0.0200	0.0170		mg/Kg		85	72 - 120
1,1-Dichloroethene	0.0200	0.0157		mg/Kg		78	76 - 120
1,2,3-Trichlorobenzene	0.0200	0.0188		mg/Kg		94	77 - 137
1,2,4-Trichlorobenzene	0.0200	0.0185		mg/Kg		93	77 - 136
1,2,4-Trimethylbenzene	0.0200	0.0172		mg/Kg		86	75 - 120

Method: 8260D - Volatile Organic Compounds by GC/MS (Continued)

Lab Sample ID: LCS 460-1066241/3
Matrix: Solid
Analysis Batch: 1066241

Client Sample ID: Lab Control Sample
Prep Type: Total/NA

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
1,2-Dibromo-3-Chloropropane	0.0200	0.0176		mg/Kg		88	80 - 124
1,2-Dichlorobenzene	0.0200	0.0197		mg/Kg		98	80 - 120
1,2-Dichloroethane	0.0200	0.0196		mg/Kg		98	70 - 123
1,2-Dichloropropane	0.0200	0.0169		mg/Kg		84	73 - 124
1,3,5-Trimethylbenzene	0.0200	0.0168		mg/Kg		84	70 - 120
1,3-Dichlorobenzene	0.0200	0.0183		mg/Kg		91	80 - 120
1,4-Dichlorobenzene	0.0200	0.0186		mg/Kg		93	80 - 120
2-Butanone (MEK)	0.100	0.0996		mg/Kg		100	64 - 128
2-Hexanone	0.100	0.104		mg/Kg		104	75 - 120
4-Methyl-2-pentanone (MIBK)	0.100	0.107		mg/Kg		107	80 - 120
Acetone	0.100	0.105		mg/Kg		105	58 - 122
Benzene	0.0200	0.0159		mg/Kg		80	75 - 120
Bromoform	0.0200	0.0185		mg/Kg		93	61 - 125
Bromomethane	0.0200	0.0162		mg/Kg		81	37 - 150
Carbon disulfide	0.0200	0.0163		mg/Kg		81	57 - 133
Carbon tetrachloride	0.0200	0.0150		mg/Kg		75	66 - 127
Chlorobenzene	0.0200	0.0175		mg/Kg		87	80 - 120
Chlorobromomethane	0.0200	0.0199		mg/Kg		100	76 - 127
Chlorodibromomethane	0.0200	0.0182		mg/Kg		91	72 - 120
Chloroethane	0.0200	0.0180		mg/Kg		90	60 - 123
Chloroform	0.0200	0.0175		mg/Kg		87	79 - 126
Chloromethane	0.0200	0.0182		mg/Kg		91	46 - 122
cis-1,2-Dichloroethene	0.0200	0.0181		mg/Kg		90	80 - 123
cis-1,3-Dichloropropene	0.0200	0.0172		mg/Kg		86	75 - 120
Cyclohexane	0.0200	0.0155		mg/Kg		77	65 - 132
Dichlorobromomethane	0.0200	0.0180		mg/Kg		90	77 - 124
Dichlorodifluoromethane	0.0200	0.0232		mg/Kg		116	45 - 129
Ethylbenzene	0.0200	0.0173		mg/Kg		86	80 - 120
Ethylene Dibromide	0.0200	0.0196		mg/Kg		98	79 - 120
Isopropylbenzene	0.0200	0.0164		mg/Kg		82	74 - 120
Methyl acetate	0.0400	0.0359		mg/Kg		90	57 - 120
Methyl tert-butyl ether	0.0200	0.0179		mg/Kg		89	74 - 125
Methylcyclohexane	0.0200	0.0145		mg/Kg		72	66 - 125
Methylene Chloride	0.0200	0.0195		mg/Kg		98	78 - 120
m-Xylene & p-Xylene	0.0200	0.0177		mg/Kg		89	80 - 120
n-Butylbenzene	0.0200	0.0162		mg/Kg		81	72 - 120
N-Propylbenzene	0.0200	0.0163		mg/Kg		82	68 - 120
o-Xylene	0.0200	0.0179		mg/Kg		90	80 - 120
sec-Butylbenzene	0.0200	0.0158		mg/Kg		79	78 - 120
Styrene	0.0200	0.0179		mg/Kg		90	80 - 120
tert-Butylbenzene	0.0200	0.0158	*	mg/Kg		79	80 - 120
Tetrachloroethene	0.0200	0.0161		mg/Kg		81	73 - 120
Toluene	0.0200	0.0165		mg/Kg		82	80 - 120
trans-1,2-Dichloroethene	0.0200	0.0172		mg/Kg		86	78 - 120
trans-1,3-Dichloropropene	0.0200	0.0175		mg/Kg		88	77 - 120
Trichloroethene	0.0200	0.0166		mg/Kg		83	80 - 120
Trichlorofluoromethane	0.0200	0.0178		mg/Kg		89	61 - 130
Vinyl chloride	0.0200	0.0184		mg/Kg		92	54 - 122
Xylenes, Total	0.0400	0.0357		mg/Kg		89	80 - 120

Method: 8260D - Volatile Organic Compounds by GC/MS (Continued)

Surrogate	LCS %Recovery	LCS Qualifier	Limits
1,2-Dichloroethane-d4 (Surr)	103		65 - 138
4-Bromofluorobenzene	100		71 - 128
Dibromofluoromethane (Surr)	100		50 - 150
Toluene-d8 (Surr)	98		71 - 126

Lab Sample ID: LCSD 460-1066241/4
Matrix: Solid
Analysis Batch: 1066241

Client Sample ID: Lab Control Sample Dup
Prep Type: Total/NA

Analyte			Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
1,1,1-Trichloroethane			0.0200	0.0193		mg/Kg		97	78 - 120	18	30
1,1,2,2-Tetrachloroethane			0.0200	0.0198		mg/Kg		99	70 - 133	7	30
1,1,2-Trichloro-1,2,2-trifluoroethane			0.0200	0.0201		mg/Kg		100	75 - 121	25	30
1,1,2-Trichloroethane			0.0200	0.0210		mg/Kg		105	80 - 120	7	30
1,1-Dichloroethane			0.0200	0.0189		mg/Kg		95	72 - 120	11	30
1,1-Dichloroethene			0.0200	0.0193		mg/Kg		96	76 - 120	21	30
1,2,3-Trichlorobenzene			0.0200	0.0205		mg/Kg		102	77 - 137	8	30
1,2,4-Trichlorobenzene			0.0200	0.0201		mg/Kg		101	77 - 136	9	30
1,2,4-Trimethylbenzene			0.0200	0.0197		mg/Kg		99	75 - 120	14	30
1,2-Dibromo-3-Chloropropane			0.0200	0.0180		mg/Kg		90	80 - 124	3	30
1,2-Dichlorobenzene			0.0200	0.0217		mg/Kg		108	80 - 120	10	30
1,2-Dichloroethane			0.0200	0.0203		mg/Kg		101	70 - 123	3	30
1,2-Dichloropropane			0.0200	0.0187		mg/Kg		94	73 - 124	10	30
1,3,5-Trimethylbenzene			0.0200	0.0196		mg/Kg		98	70 - 120	15	30
1,3-Dichlorobenzene			0.0200	0.0204		mg/Kg		102	80 - 120	11	30
1,4-Dichlorobenzene			0.0200	0.0209		mg/Kg		104	80 - 120	11	30
2-Butanone (MEK)			0.100	0.108		mg/Kg		108	64 - 128	8	30
2-Hexanone			0.100	0.114		mg/Kg		114	75 - 120	9	30
4-Methyl-2-pentanone (MIBK)			0.100	0.118		mg/Kg		118	80 - 120	10	30
Acetone			0.100	0.107		mg/Kg		107	58 - 122	2	30
Benzene			0.0200	0.0187		mg/Kg		93	75 - 120	16	30
Bromoform			0.0200	0.0197		mg/Kg		99	61 - 125	6	30
Bromomethane			0.0200	0.0191		mg/Kg		95	37 - 150	16	30
Carbon disulfide			0.0200	0.0197		mg/Kg		98	57 - 133	19	30
Carbon tetrachloride			0.0200	0.0184		mg/Kg		92	66 - 127	20	30
Chlorobenzene			0.0200	0.0197		mg/Kg		99	80 - 120	12	30
Chlorobromomethane			0.0200	0.0211		mg/Kg		105	76 - 127	5	30
Chlorodibromomethane			0.0200	0.0198		mg/Kg		99	72 - 120	9	30
Chloroethane			0.0200	0.0198		mg/Kg		99	60 - 123	10	30
Chloroform			0.0200	0.0196		mg/Kg		98	79 - 126	11	30
Chloromethane			0.0200	0.0201		mg/Kg		100	46 - 122	10	30
cis-1,2-Dichloroethene			0.0200	0.0203		mg/Kg		102	80 - 123	12	30
cis-1,3-Dichloropropene			0.0200	0.0194		mg/Kg		97	75 - 120	12	30
Cyclohexane			0.0200	0.0203		mg/Kg		102	65 - 132	27	30
Dichlorobromomethane			0.0200	0.0200		mg/Kg		100	77 - 124	10	30
Dichlorodifluoromethane			0.0200	0.0245		mg/Kg		122	45 - 129	6	30
Ethylbenzene			0.0200	0.0200		mg/Kg		100	80 - 120	15	30
Ethylene Dibromide			0.0200	0.0206		mg/Kg		103	79 - 120	5	30
Isopropylbenzene			0.0200	0.0197		mg/Kg		98	74 - 120	18	30
Methyl acetate			0.0400	0.0347		mg/Kg		87	57 - 120	3	30
Methyl tert-butyl ether			0.0200	0.0193		mg/Kg		97	74 - 125	8	30

Method: 8260D - Volatile Organic Compounds by GC/MS (Continued)

Lab Sample ID: LCSD 460-1066241/4
Matrix: Solid
Analysis Batch: 1066241

Client Sample ID: Lab Control Sample Dup
Prep Type: Total/NA

Analyte			Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Methylcyclohexane			0.0200	0.0199	*	mg/Kg		99	66 - 125	31	30
Methylene Chloride			0.0200	0.0208		mg/Kg		104	78 - 120	6	30
m-Xylene & p-Xylene			0.0200	0.0203		mg/Kg		101	80 - 120	14	30
n-Butylbenzene			0.0200	0.0195		mg/Kg		97	72 - 120	18	30
N-Propylbenzene			0.0200	0.0197		mg/Kg		98	68 - 120	19	30
o-Xylene			0.0200	0.0204		mg/Kg		102	80 - 120	13	30
sec-Butylbenzene			0.0200	0.0191		mg/Kg		96	78 - 120	19	30
Styrene			0.0200	0.0198		mg/Kg		99	80 - 120	10	30
tert-Butylbenzene			0.0200	0.0193		mg/Kg		97	80 - 120	20	30
Tetrachloroethene			0.0200	0.0203		mg/Kg		101	73 - 120	23	30
Toluene			0.0200	0.0190		mg/Kg		95	80 - 120	14	30
trans-1,2-Dichloroethene			0.0200	0.0199		mg/Kg		99	78 - 120	14	30
trans-1,3-Dichloropropene			0.0200	0.0194		mg/Kg		97	77 - 120	10	30
Trichloroethene			0.0200	0.0195		mg/Kg		98	80 - 120	16	30
Trichlorofluoromethane			0.0200	0.0213		mg/Kg		106	61 - 130	18	30
Vinyl chloride			0.0200	0.0218		mg/Kg		109	54 - 122	17	30
Xylenes, Total			0.0400	0.0407		mg/Kg		102	80 - 120	13	30

Surrogate	*LCSD %Recovery*	*LCSD Qualifier*	*Limits*
1,2-Dichloroethane-d4 (Surr)	*100*		*65 - 138*
4-Bromofluorobenzene	*101*		*71 - 128*
Dibromofluoromethane (Surr)	*98*		*50 - 150*
Toluene-d8 (Surr)	*98*		*71 - 126*

Lab Sample ID: MB 460-1066253/7
Matrix: Solid
Analysis Batch: 1066253

Client Sample ID: Method Blank
Prep Type: Total/NA

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1-Trichloroethane	0.0010	U	0.0010	0.00023	mg/Kg			10/06/25 20:19	1
1,1,2,2-Tetrachloroethane	0.0010	U	0.0010	0.00052	mg/Kg			10/06/25 20:19	1
1,1,2-Trichloro-1,2,2-trifluoroethane	0.0010	U	0.0010	0.00030	mg/Kg			10/06/25 20:19	1
1,1,2-Trichloroethane	0.0010	U	0.0010	0.00060	mg/Kg			10/06/25 20:19	1
1,1-Dichloroethane	0.0010	U	0.0010	0.00060	mg/Kg			10/06/25 20:19	1
1,1-Dichloroethene	0.0010	U	0.0010	0.00023	mg/Kg			10/06/25 20:19	1
1,2,3-Trichlorobenzene	0.0010	U	0.0010	0.00074	mg/Kg			10/06/25 20:19	1
1,2,4-Trichlorobenzene	0.0010	U	0.0010	0.00036	mg/Kg			10/06/25 20:19	1
1,2,4-Trimethylbenzene	0.0010	U	0.0010	0.00025	mg/Kg			10/06/25 20:19	1
1,2-Dibromo-3-Chloropropane	0.0010	U	0.0010	0.00046	mg/Kg			10/06/25 20:19	1
1,2-Dichlorobenzene	0.0010	U	0.0010	0.00036	mg/Kg			10/06/25 20:19	1
1,2-Dichloroethane	0.0010	U	0.0010	0.00030	mg/Kg			10/06/25 20:19	1
1,2-Dichloropropane	0.0010	U	0.0010	0.00042	mg/Kg			10/06/25 20:19	1
1,3,5-Trimethylbenzene	0.0010	U	0.0010	0.00031	mg/Kg			10/06/25 20:19	1
1,3-Dichlorobenzene	0.0010	U	0.0010	0.00037	mg/Kg			10/06/25 20:19	1
1,4-Dichlorobenzene	0.0010	U	0.0010	0.00052	mg/Kg			10/06/25 20:19	1
2-Butanone (MEK)	0.0050	U	0.0050	0.00037	mg/Kg			10/06/25 20:19	1
2-Hexanone	0.0050	U	0.0050	0.0017	mg/Kg			10/06/25 20:19	1
4-Methyl-2-pentanone (MIBK)	0.0050	U	0.0050	0.0016	mg/Kg			10/06/25 20:19	1

Method: 8260D - Volatile Organic Compounds by GC/MS (Continued)

Lab Sample ID: MB 460-1066253/7
Matrix: Solid
Analysis Batch: 1066253

Client Sample ID: Method Blank
Prep Type: Total/NA

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Acetone	0.0060	U	0.0060	0.0057	mg/Kg			10/06/25 20:19	1
Benzene	0.0010	U	0.0010	0.00057	mg/Kg			10/06/25 20:19	1
Bromoform	0.0010	U	0.0010	0.00043	mg/Kg			10/06/25 20:19	1
Bromomethane	0.0020	U	0.0020	0.0010	mg/Kg			10/06/25 20:19	1
Carbon disulfide	0.0010	U	0.0010	0.00027	mg/Kg			10/06/25 20:19	1
Carbon tetrachloride	0.0010	U	0.0010	0.00039	mg/Kg			10/06/25 20:19	1
Chlorobenzene	0.0010	U	0.0010	0.00051	mg/Kg			10/06/25 20:19	1
Chlorobromomethane	0.0010	U	0.0010	0.00060	mg/Kg			10/06/25 20:19	1
Chlorodibromomethane	0.0010	U	0.0010	0.00054	mg/Kg			10/06/25 20:19	1
Chloroethane	0.0010	U	0.0010	0.00052	mg/Kg			10/06/25 20:19	1
Chloroform	0.0010	U	0.0010	0.00097	mg/Kg			10/06/25 20:19	1
Chloromethane	0.0010	U	0.0010	0.00044	mg/Kg			10/06/25 20:19	1
cis-1,2-Dichloroethene	0.0010	U	0.0010	0.00036	mg/Kg			10/06/25 20:19	1
cis-1,3-Dichloropropene	0.0010	U	0.0010	0.00027	mg/Kg			10/06/25 20:19	1
Cyclohexane	0.0010	U	0.0010	0.00022	mg/Kg			10/06/25 20:19	1
Dichlorobromomethane	0.0010	U	0.0010	0.00026	mg/Kg			10/06/25 20:19	1
Dichlorodifluoromethane	0.0010	U	0.0010	0.00034	mg/Kg			10/06/25 20:19	1
Ethylbenzene	0.0010	U	0.0010	0.00047	mg/Kg			10/06/25 20:19	1
Ethylene Dibromide	0.0010	U	0.0010	0.00050	mg/Kg			10/06/25 20:19	1
Isopropylbenzene	0.0010	U	0.0010	0.00029	mg/Kg			10/06/25 20:19	1
Methyl acetate	0.0050	U	0.0050	0.0043	mg/Kg			10/06/25 20:19	1
Methyl tert-butyl ether	0.0010	U	0.0010	0.00051	mg/Kg			10/06/25 20:19	1
Methylcyclohexane	0.0010	U	0.0010	0.00050	mg/Kg			10/06/25 20:19	1
Methylene Chloride	0.0020	U	0.0020	0.0011	mg/Kg			10/06/25 20:19	1
m-Xylene & p-Xylene	0.0010	U	0.0010	0.00042	mg/Kg			10/06/25 20:19	1
n-Butylbenzene	0.0010	U	0.0010	0.00029	mg/Kg			10/06/25 20:19	1
N-Propylbenzene	0.0010	U	0.0010	0.00045	mg/Kg			10/06/25 20:19	1
o-Xylene	0.0010	U	0.0010	0.00046	mg/Kg			10/06/25 20:19	1
sec-Butylbenzene	0.0010	U	0.0010	0.00029	mg/Kg			10/06/25 20:19	1
Styrene	0.0010	U	0.0010	0.00028	mg/Kg			10/06/25 20:19	1
tert-Butylbenzene	0.0010	U	0.0010	0.00028	mg/Kg			10/06/25 20:19	1
Tetrachloroethene	0.0010	U	0.0010	0.00031	mg/Kg			10/06/25 20:19	1
Toluene	0.0010	U	0.0010	0.00023	mg/Kg			10/06/25 20:19	1
trans-1,2-Dichloroethene	0.0010	U	0.0010	0.00025	mg/Kg			10/06/25 20:19	1
trans-1,3-Dichloropropene	0.0010	U	0.0010	0.00027	mg/Kg			10/06/25 20:19	1
Trichloroethene	0.0010	U	0.0010	0.00032	mg/Kg			10/06/25 20:19	1
Trichlorofluoromethane	0.0010	U	0.0010	0.00041	mg/Kg			10/06/25 20:19	1
Vinyl chloride	0.0010	U	0.0010	0.00055	mg/Kg			10/06/25 20:19	1
Xylenes, Total	0.0020	U	0.0020	0.00017	mg/Kg			10/06/25 20:19	1

Surrogate	*MB %Recovery*	*MB Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,2-Dichloroethane-d4 (Surr)	*111*		*65 - 138*		*10/06/25 20:19*	*1*
4-Bromofluorobenzene	*98*		*71 - 128*		*10/06/25 20:19*	*1*
Dibromofluoromethane (Surr)	*118*		*50 - 150*		*10/06/25 20:19*	*1*
Toluene-d8 (Surr)	*96*		*71 - 126*		*10/06/25 20:19*	*1*

Method: 8260D - Volatile Organic Compounds by GC/MS (Continued)

Lab Sample ID: LCS 460-1066253/3
Matrix: Solid
Analysis Batch: 1066253

Client Sample ID: Lab Control Sample
Prep Type: Total/NA

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
1,1,1-Trichloroethane	0.0200	0.0181		mg/Kg		91	78 - 120
1,1,2,2-Tetrachloroethane	0.0200	0.0195		mg/Kg		97	70 - 133
1,1,2-Trichloro-1,2,2-trifluoroethane	0.0200	0.0182		mg/Kg		91	75 - 121
1,1,2-Trichloroethane	0.0200	0.0205		mg/Kg		103	80 - 120
1,1-Dichloroethane	0.0200	0.0182		mg/Kg		91	72 - 120
1,1-Dichloroethene	0.0200	0.0177		mg/Kg		88	76 - 120
1,2,3-Trichlorobenzene	0.0200	0.0197		mg/Kg		99	77 - 137
1,2,4-Trichlorobenzene	0.0200	0.0188		mg/Kg		94	77 - 136
1,2,4-Trimethylbenzene	0.0200	0.0184		mg/Kg		92	75 - 120
1,2-Dibromo-3-Chloropropane	0.0200	0.0176		mg/Kg		88	80 - 124
1,2-Dichlorobenzene	0.0200	0.0211		mg/Kg		106	80 - 120
1,2-Dichloroethane	0.0200	0.0203		mg/Kg		102	70 - 123
1,2-Dichloropropane	0.0200	0.0185		mg/Kg		93	73 - 124
1,3,5-Trimethylbenzene	0.0200	0.0182		mg/Kg		91	70 - 120
1,3-Dichlorobenzene	0.0200	0.0193		mg/Kg		97	80 - 120
1,4-Dichlorobenzene	0.0200	0.0195		mg/Kg		97	80 - 120
2-Butanone (MEK)	0.100	0.105		mg/Kg		105	64 - 128
2-Hexanone	0.100	0.114		mg/Kg		114	75 - 120
4-Methyl-2-pentanone (MIBK)	0.100	0.120		mg/Kg		120	80 - 120
Acetone	0.100	0.109		mg/Kg		109	58 - 122
Benzene	0.0200	0.0177		mg/Kg		89	75 - 120
Bromoform	0.0200	0.0199		mg/Kg		100	61 - 125
Bromomethane	0.0200	0.0158		mg/Kg		79	37 - 150
Carbon disulfide	0.0200	0.0178		mg/Kg		89	57 - 133
Carbon tetrachloride	0.0200	0.0171		mg/Kg		86	66 - 127
Chlorobenzene	0.0200	0.0189		mg/Kg		94	80 - 120
Chlorobromomethane	0.0200	0.0212		mg/Kg		106	76 - 127
Chlorodibromomethane	0.0200	0.0198		mg/Kg		99	72 - 120
Chloroethane	0.0200	0.0177		mg/Kg		88	60 - 123
Chloroform	0.0200	0.0192		mg/Kg		96	79 - 126
Chloromethane	0.0200	0.0181		mg/Kg		90	46 - 122
cis-1,2-Dichloroethene	0.0200	0.0195		mg/Kg		97	80 - 123
cis-1,3-Dichloropropene	0.0200	0.0182		mg/Kg		91	75 - 120
Cyclohexane	0.0200	0.0184		mg/Kg		92	65 - 132
Dichlorobromomethane	0.0200	0.0200		mg/Kg		100	77 - 124
Dichlorodifluoromethane	0.0200	0.0201		mg/Kg		101	45 - 129
Ethylbenzene	0.0200	0.0186		mg/Kg		93	80 - 120
Ethylene Dibromide	0.0200	0.0210		mg/Kg		105	79 - 120
Isopropylbenzene	0.0200	0.0181		mg/Kg		91	74 - 120
Methyl acetate	0.0400	0.0349		mg/Kg		87	57 - 120
Methyl tert-butyl ether	0.0200	0.0196		mg/Kg		98	74 - 125
Methylcyclohexane	0.0200	0.0178		mg/Kg		89	66 - 125
Methylene Chloride	0.0200	0.0207		mg/Kg		103	78 - 120
m-Xylene & p-Xylene	0.0200	0.0191		mg/Kg		96	80 - 120
n-Butylbenzene	0.0200	0.0173		mg/Kg		87	72 - 120
N-Propylbenzene	0.0200	0.0179		mg/Kg		90	68 - 120
o-Xylene	0.0200	0.0195		mg/Kg		98	80 - 120
sec-Butylbenzene	0.0200	0.0176		mg/Kg		88	78 - 120

Method: 8260D - Volatile Organic Compounds by GC/MS (Continued)

Lab Sample ID: LCS 460-1066253/3
Matrix: Solid
Analysis Batch: 1066253

Client Sample ID: Lab Control Sample
Prep Type: Total/NA

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
Styrene	0.0200	0.0189		mg/Kg		94	80 - 120
tert-Butylbenzene	0.0200	0.0179		mg/Kg		89	80 - 120
Tetrachloroethene	0.0200	0.0186		mg/Kg		93	73 - 120
Toluene	0.0200	0.0181		mg/Kg		91	80 - 120
trans-1,2-Dichloroethene	0.0200	0.0189		mg/Kg		94	78 - 120
trans-1,3-Dichloropropene	0.0200	0.0184		mg/Kg		92	77 - 120
Trichloroethene	0.0200	0.0187		mg/Kg		94	80 - 120
Trichlorofluoromethane	0.0200	0.0179		mg/Kg		90	61 - 130
Vinyl chloride	0.0200	0.0187		mg/Kg		93	54 - 122
Xylenes, Total	0.0400	0.0387		mg/Kg		97	80 - 120

Surrogate	*LCS %Recovery*	*LCS Qualifier*	*Limits*
1,2-Dichloroethane-d4 (Surr)	*101*		*65 - 138*
4-Bromofluorobenzene	*102*		*71 - 128*
Dibromofluoromethane (Surr)	*100*		*50 - 150*
Toluene-d8 (Surr)	*98*		*71 - 126*

Lab Sample ID: LCSD 460-1066253/4
Matrix: Solid
Analysis Batch: 1066253

Client Sample ID: Lab Control Sample Dup
Prep Type: Total/NA

Analyte	Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
1,1,1-Trichloroethane	0.0200	0.0189		mg/Kg		94	78 - 120	4	30
1,1,2,2-Tetrachloroethane	0.0200	0.0196		mg/Kg		98	70 - 133	1	30
1,1,2-Trichloro-1,2,2-trifluoroethane	0.0200	0.0196		mg/Kg		98	75 - 121	7	30
1,1,2-Trichloroethane	0.0200	0.0212		mg/Kg		106	80 - 120	3	30
1,1-Dichloroethane	0.0200	0.0184		mg/Kg		92	72 - 120	1	30
1,1-Dichloroethene	0.0200	0.0185		mg/Kg		92	76 - 120	4	30
1,2,3-Trichlorobenzene	0.0200	0.0193		mg/Kg		96	77 - 137	2	30
1,2,4-Trichlorobenzene	0.0200	0.0178		mg/Kg		89	77 - 136	5	30
1,2,4-Trimethylbenzene	0.0200	0.0185		mg/Kg		92	75 - 120	0	30
1,2-Dibromo-3-Chloropropane	0.0200	0.0174		mg/Kg		87	80 - 124	1	30
1,2-Dichlorobenzene	0.0200	0.0206		mg/Kg		103	80 - 120	3	30
1,2-Dichloroethane	0.0200	0.0199		mg/Kg		100	70 - 123	2	30
1,2-Dichloropropane	0.0200	0.0185		mg/Kg		93	73 - 124	0	30
1,3,5-Trimethylbenzene	0.0200	0.0183		mg/Kg		92	70 - 120	0	30
1,3-Dichlorobenzene	0.0200	0.0191		mg/Kg		96	80 - 120	1	30
1,4-Dichlorobenzene	0.0200	0.0194		mg/Kg		97	80 - 120	0	30
2-Butanone (MEK)	0.100	0.108		mg/Kg		108	64 - 128	3	30
2-Hexanone	0.100	0.111		mg/Kg		111	75 - 120	3	30
4-Methyl-2-pentanone (MIBK)	0.100	0.117		mg/Kg		117	80 - 120	2	30
Acetone	0.100	0.105		mg/Kg		105	58 - 122	4	30
Benzene	0.0200	0.0186		mg/Kg		93	75 - 120	5	30
Bromoform	0.0200	0.0200		mg/Kg		100	61 - 125	1	30
Bromomethane	0.0200	0.0129		mg/Kg		64	37 - 150	21	30
Carbon disulfide	0.0200	0.0185		mg/Kg		93	57 - 133	4	30
Carbon tetrachloride	0.0200	0.0186		mg/Kg		93	66 - 127	8	30
Chlorobenzene	0.0200	0.0192		mg/Kg		96	80 - 120	2	30

Method: 8260D - Volatile Organic Compounds by GC/MS (Continued)

Lab Sample ID: LCSD 460-1066253/4
Matrix: Solid
Analysis Batch: 1066253

Client Sample ID: Lab Control Sample Dup
Prep Type: Total/NA

Analyte			Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Chlorobromomethane			0.0200	0.0204		mg/Kg		102	76 - 127	4	30
Chlorodibromomethane			0.0200	0.0198		mg/Kg		99	72 - 120	0	30
Chloroethane			0.0200	0.0193		mg/Kg		96	60 - 123	9	30
Chloroform			0.0200	0.0188		mg/Kg		94	79 - 126	3	30
Chloromethane			0.0200	0.0195		mg/Kg		98	46 - 122	8	30
cis-1,2-Dichloroethene			0.0200	0.0195		mg/Kg		97	80 - 123	0	30
cis-1,3-Dichloropropene			0.0200	0.0189		mg/Kg		95	75 - 120	4	30
Cyclohexane			0.0200	0.0200		mg/Kg		100	65 - 132	8	30
Dichlorobromomethane			0.0200	0.0192		mg/Kg		96	77 - 124	4	30
Dichlorodifluoromethane			0.0200	0.0234		mg/Kg		117	45 - 129	15	30
Ethylbenzene			0.0200	0.0195		mg/Kg		97	80 - 120	4	30
Ethylene Dibromide			0.0200	0.0208		mg/Kg		104	79 - 120	1	30
Isopropylbenzene			0.0200	0.0188		mg/Kg		94	74 - 120	4	30
Methyl acetate			0.0400	0.0352		mg/Kg		88	57 - 120	1	30
Methyl tert-butyl ether			0.0200	0.0193		mg/Kg		97	74 - 125	1	30
Methylcyclohexane			0.0200	0.0197		mg/Kg		99	66 - 125	10	30
Methylene Chloride			0.0200	0.0203		mg/Kg		102	78 - 120	2	30
m-Xylene & p-Xylene			0.0200	0.0194		mg/Kg		97	80 - 120	1	30
n-Butylbenzene			0.0200	0.0176		mg/Kg		88	72 - 120	2	30
N-Propylbenzene			0.0200	0.0186		mg/Kg		93	68 - 120	4	30
o-Xylene			0.0200	0.0198		mg/Kg		99	80 - 120	1	30
sec-Butylbenzene			0.0200	0.0184		mg/Kg		92	78 - 120	4	30
Styrene			0.0200	0.0190		mg/Kg		95	80 - 120	1	30
tert-Butylbenzene			0.0200	0.0185		mg/Kg		93	80 - 120	4	30
Tetrachloroethene			0.0200	0.0198		mg/Kg		99	73 - 120	6	30
Toluene			0.0200	0.0187		mg/Kg		94	80 - 120	3	30
trans-1,2-Dichloroethene			0.0200	0.0189		mg/Kg		95	78 - 120	0	30
trans-1,3-Dichloropropene			0.0200	0.0187		mg/Kg		94	77 - 120	2	30
Trichloroethene			0.0200	0.0193		mg/Kg		96	80 - 120	3	30
Trichlorofluoromethane			0.0200	0.0208		mg/Kg		104	61 - 130	15	30
Vinyl chloride			0.0200	0.0212		mg/Kg		106	54 - 122	13	30
Xylenes, Total			0.0400	0.0392		mg/Kg		98	80 - 120	1	30

Surrogate	*LCSD %Recovery*	*LCSD Qualifier*	*Limits*
1,2-Dichloroethane-d4 (Surr)	*97*		*65 - 138*
4-Bromofluorobenzene	*100*		*71 - 128*
Dibromofluoromethane (Surr)	*96*		*50 - 150*
Toluene-d8 (Surr)	*98*		*71 - 126*

Lab Sample ID: MB 460-1066254/7
Matrix: Solid
Analysis Batch: 1066254

Client Sample ID: Method Blank
Prep Type: Total/NA

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1-Trichloroethane	0.0010	U	0.0010	0.00023	mg/Kg			10/07/25 07:05	1
1,1,2,2-Tetrachloroethane	0.0010	U	0.0010	0.00052	mg/Kg			10/07/25 07:05	1
1,1,2-Trichloro-1,2,2-trifluoroethane	0.0010	U	0.0010	0.00030	mg/Kg			10/07/25 07:05	1
1,1,2-Trichloroethane	0.0010	U	0.0010	0.00060	mg/Kg			10/07/25 07:05	1

Method: 8260D - Volatile Organic Compounds by GC/MS (Continued)

Lab Sample ID: MB 460-1066254/7
Matrix: Solid
Analysis Batch: 1066254

Client Sample ID: Method Blank
Prep Type: Total/NA

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1-Dichloroethane	0.0010	U	0.0010	0.00060	mg/Kg			10/07/25 07:05	1
1,1-Dichloroethene	0.0010	U	0.0010	0.00023	mg/Kg			10/07/25 07:05	1
1,2,3-Trichlorobenzene	0.0010	U	0.0010	0.00074	mg/Kg			10/07/25 07:05	1
1,2,4-Trichlorobenzene	0.0010	U	0.0010	0.00036	mg/Kg			10/07/25 07:05	1
1,2,4-Trimethylbenzene	0.0010	U	0.0010	0.00025	mg/Kg			10/07/25 07:05	1
1,2-Dibromo-3-Chloropropane	0.0010	U	0.0010	0.00046	mg/Kg			10/07/25 07:05	1
1,2-Dichlorobenzene	0.0010	U	0.0010	0.00036	mg/Kg			10/07/25 07:05	1
1,2-Dichloroethane	0.0010	U	0.0010	0.00030	mg/Kg			10/07/25 07:05	1
1,2-Dichloropropane	0.0010	U	0.0010	0.00042	mg/Kg			10/07/25 07:05	1
1,3,5-Trimethylbenzene	0.0010	U	0.0010	0.00031	mg/Kg			10/07/25 07:05	1
1,3-Dichlorobenzene	0.0010	U	0.0010	0.00037	mg/Kg			10/07/25 07:05	1
1,4-Dichlorobenzene	0.0010	U	0.0010	0.00052	mg/Kg			10/07/25 07:05	1
2-Butanone (MEK)	0.0050	U	0.0050	0.00037	mg/Kg			10/07/25 07:05	1
2-Hexanone	0.0050	U	0.0050	0.0017	mg/Kg			10/07/25 07:05	1
4-Methyl-2-pentanone (MIBK)	0.0050	U	0.0050	0.0016	mg/Kg			10/07/25 07:05	1
Acetone	0.0060	U	0.0060	0.0057	mg/Kg			10/07/25 07:05	1
Benzene	0.0010	U	0.0010	0.00057	mg/Kg			10/07/25 07:05	1
Bromoform	0.0010	U	0.0010	0.00043	mg/Kg			10/07/25 07:05	1
Bromomethane	0.0020	U	0.0020	0.0010	mg/Kg			10/07/25 07:05	1
Carbon disulfide	0.0010	U	0.0010	0.00027	mg/Kg			10/07/25 07:05	1
Carbon tetrachloride	0.0010	U	0.0010	0.00039	mg/Kg			10/07/25 07:05	1
Chlorobenzene	0.0010	U	0.0010	0.00051	mg/Kg			10/07/25 07:05	1
Chlorobromomethane	0.0010	U	0.0010	0.00060	mg/Kg			10/07/25 07:05	1
Chlorodibromomethane	0.0010	U	0.0010	0.00054	mg/Kg			10/07/25 07:05	1
Chloroethane	0.0010	U	0.0010	0.00052	mg/Kg			10/07/25 07:05	1
Chloroform	0.0010	U	0.0010	0.00097	mg/Kg			10/07/25 07:05	1
Chloromethane	0.0010	U	0.0010	0.00044	mg/Kg			10/07/25 07:05	1
cis-1,2-Dichloroethene	0.0010	U	0.0010	0.00036	mg/Kg			10/07/25 07:05	1
cis-1,3-Dichloropropene	0.0010	U	0.0010	0.00027	mg/Kg			10/07/25 07:05	1
Cyclohexane	0.0010	U	0.0010	0.00022	mg/Kg			10/07/25 07:05	1
Dichlorobromomethane	0.0010	U	0.0010	0.00026	mg/Kg			10/07/25 07:05	1
Dichlorodifluoromethane	0.0010	U	0.0010	0.00034	mg/Kg			10/07/25 07:05	1
Ethylbenzene	0.0010	U	0.0010	0.00047	mg/Kg			10/07/25 07:05	1
Ethylene Dibromide	0.0010	U	0.0010	0.00050	mg/Kg			10/07/25 07:05	1
Isopropylbenzene	0.0010	U	0.0010	0.00029	mg/Kg			10/07/25 07:05	1
Methyl acetate	0.0050	U	0.0050	0.0043	mg/Kg			10/07/25 07:05	1
Methyl tert-butyl ether	0.0010	U	0.0010	0.00051	mg/Kg			10/07/25 07:05	1
Methylcyclohexane	0.0010	U	0.0010	0.00050	mg/Kg			10/07/25 07:05	1
Methylene Chloride	0.0020	U	0.0020	0.0011	mg/Kg			10/07/25 07:05	1
m-Xylene & p-Xylene	0.0010	U	0.0010	0.00042	mg/Kg			10/07/25 07:05	1
n-Butylbenzene	0.0010	U	0.0010	0.00029	mg/Kg			10/07/25 07:05	1
N-Propylbenzene	0.0010	U	0.0010	0.00045	mg/Kg			10/07/25 07:05	1
o-Xylene	0.0010	U	0.0010	0.00046	mg/Kg			10/07/25 07:05	1
sec-Butylbenzene	0.0010	U	0.0010	0.00029	mg/Kg			10/07/25 07:05	1
Styrene	0.0010	U	0.0010	0.00028	mg/Kg			10/07/25 07:05	1
tert-Butylbenzene	0.0010	U	0.0010	0.00028	mg/Kg			10/07/25 07:05	1
Tetrachloroethene	0.0010	U	0.0010	0.00031	mg/Kg			10/07/25 07:05	1
Toluene	0.0010	U	0.0010	0.00023	mg/Kg			10/07/25 07:05	1
trans-1,2-Dichloroethene	0.0010	U	0.0010	0.00025	mg/Kg			10/07/25 07:05	1

Method: 8260D - Volatile Organic Compounds by GC/MS (Continued)

Lab Sample ID: MB 460-1066254/7
Matrix: Solid
Analysis Batch: 1066254

Client Sample ID: Method Blank
Prep Type: Total/NA

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
trans-1,3-Dichloropropene	0.0010	U	0.0010	0.00027	mg/Kg			10/07/25 07:05	1
Trichloroethene	0.0010	U	0.0010	0.00032	mg/Kg			10/07/25 07:05	1
Trichlorofluoromethane	0.0010	U	0.0010	0.00041	mg/Kg			10/07/25 07:05	1
Vinyl chloride	0.0010	U	0.0010	0.00055	mg/Kg			10/07/25 07:05	1
Xylenes, Total	0.0020	U	0.0020	0.00017	mg/Kg			10/07/25 07:05	1

Surrogate	*MB %Recovery*	*MB Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,2-Dichloroethane-d4 (Surr)	*107*		*65 - 138*		*10/07/25 07:05*	*1*
4-Bromofluorobenzene	*98*		*71 - 128*		*10/07/25 07:05*	*1*
Dibromofluoromethane (Surr)	*114*		*50 - 150*		*10/07/25 07:05*	*1*
Toluene-d8 (Surr)	*95*		*71 - 126*		*10/07/25 07:05*	*1*

Lab Sample ID: LCS 460-1066254/3
Matrix: Solid
Analysis Batch: 1066254

Client Sample ID: Lab Control Sample
Prep Type: Total/NA

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
1,1,1-Trichloroethane	0.0200	0.0179		mg/Kg		90	78 - 120
1,1,2,2-Tetrachloroethane	0.0200	0.0212		mg/Kg		106	70 - 133
1,1,2-Trichloro-1,2,2-trifluoroethane	0.0200	0.0178		mg/Kg		89	75 - 121
1,1,2-Trichloroethane	0.0200	0.0219		mg/Kg		110	80 - 120
1,1-Dichloroethane	0.0200	0.0175		mg/Kg		87	72 - 120
1,1-Dichloroethene	0.0200	0.0174		mg/Kg		87	76 - 120
1,2,3-Trichlorobenzene	0.0200	0.0196		mg/Kg		98	77 - 137
1,2,4-Trichlorobenzene	0.0200	0.0180		mg/Kg		90	77 - 136
1,2,4-Trimethylbenzene	0.0200	0.0182		mg/Kg		91	75 - 120
1,2-Dibromo-3-Chloropropane	0.0200	0.0192		mg/Kg		96	80 - 124
1,2-Dichlorobenzene	0.0200	0.0209		mg/Kg		104	80 - 120
1,2-Dichloroethane	0.0200	0.0195		mg/Kg		98	70 - 123
1,2-Dichloropropane	0.0200	0.0186		mg/Kg		93	73 - 124
1,3,5-Trimethylbenzene	0.0200	0.0181		mg/Kg		91	70 - 120
1,3-Dichlorobenzene	0.0200	0.0190		mg/Kg		95	80 - 120
1,4-Dichlorobenzene	0.0200	0.0192		mg/Kg		96	80 - 120
2-Butanone (MEK)	0.100	0.110		mg/Kg		110	64 - 128
2-Hexanone	0.100	0.113		mg/Kg		113	75 - 120
4-Methyl-2-pentanone (MIBK)	0.100	0.119		mg/Kg		119	80 - 120
Acetone	0.100	0.103		mg/Kg		103	58 - 122
Benzene	0.0200	0.0185		mg/Kg		92	75 - 120
Bromoform	0.0200	0.0206		mg/Kg		103	61 - 125
Bromomethane	0.0200	0.0126		mg/Kg		63	37 - 150
Carbon disulfide	0.0200	0.0171		mg/Kg		85	57 - 133
Carbon tetrachloride	0.0200	0.0171		mg/Kg		86	66 - 127
Chlorobenzene	0.0200	0.0191		mg/Kg		96	80 - 120
Chlorobromomethane	0.0200	0.0204		mg/Kg		102	76 - 127
Chlorodibromomethane	0.0200	0.0203		mg/Kg		102	72 - 120
Chloroethane	0.0200	0.0166		mg/Kg		83	60 - 123
Chloroform	0.0200	0.0181		mg/Kg		90	79 - 126
Chloromethane	0.0200	0.0174		mg/Kg		87	46 - 122

Method: 8260D - Volatile Organic Compounds by GC/MS (Continued)

Lab Sample ID: LCS 460-1066254/3
Matrix: Solid
Analysis Batch: 1066254

Client Sample ID: Lab Control Sample
Prep Type: Total/NA

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
cis-1,2-Dichloroethene	0.0200	0.0187		mg/Kg		94	80 - 123
cis-1,3-Dichloropropene	0.0200	0.0188		mg/Kg		94	75 - 120
Cyclohexane	0.0200	0.0183		mg/Kg		91	65 - 132
Dichlorobromomethane	0.0200	0.0191		mg/Kg		96	77 - 124
Dichlorodifluoromethane	0.0200	0.0187		mg/Kg		94	45 - 129
Ethylbenzene	0.0200	0.0189		mg/Kg		94	80 - 120
Ethylene Dibromide	0.0200	0.0220		mg/Kg		110	79 - 120
Isopropylbenzene	0.0200	0.0180		mg/Kg		90	74 - 120
Methyl acetate	0.0400	0.0372		mg/Kg		93	57 - 120
Methyl tert-butyl ether	0.0200	0.0203		mg/Kg		102	74 - 125
Methylcyclohexane	0.0200	0.0179		mg/Kg		89	66 - 125
Methylene Chloride	0.0200	0.0195		mg/Kg		98	78 - 120
m-Xylene & p-Xylene	0.0200	0.0187		mg/Kg		93	80 - 120
n-Butylbenzene	0.0200	0.0172		mg/Kg		86	72 - 120
N-Propylbenzene	0.0200	0.0179		mg/Kg		90	68 - 120
o-Xylene	0.0200	0.0191		mg/Kg		96	80 - 120
sec-Butylbenzene	0.0200	0.0177		mg/Kg		89	78 - 120
Styrene	0.0200	0.0190		mg/Kg		95	80 - 120
tert-Butylbenzene	0.0200	0.0177		mg/Kg		89	80 - 120
Tetrachloroethene	0.0200	0.0190		mg/Kg		95	73 - 120
Toluene	0.0200	0.0180		mg/Kg		90	80 - 120
trans-1,2-Dichloroethene	0.0200	0.0179		mg/Kg		90	78 - 120
trans-1,3-Dichloropropene	0.0200	0.0185		mg/Kg		93	77 - 120
Trichloroethene	0.0200	0.0185		mg/Kg		93	80 - 120
Trichlorofluoromethane	0.0200	0.0181		mg/Kg		90	61 - 130
Vinyl chloride	0.0200	0.0184		mg/Kg		92	54 - 122
Xylenes, Total	0.0400	0.0378		mg/Kg		95	80 - 120

Surrogate	*LCS %Recovery*	*LCS Qualifier*	*Limits*
1,2-Dichloroethane-d4 (Surr)	*97*		*65 - 138*
4-Bromofluorobenzene	*101*		*71 - 128*
Dibromofluoromethane (Surr)	*96*		*50 - 150*
Toluene-d8 (Surr)	*98*		*71 - 126*

Lab Sample ID: LCSD 460-1066254/4
Matrix: Solid
Analysis Batch: 1066254

Client Sample ID: Lab Control Sample Dup
Prep Type: Total/NA

Analyte	Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
1,1,1-Trichloroethane	0.0200	0.0193		mg/Kg		96	78 - 120	7	30
1,1,2,2-Tetrachloroethane	0.0200	0.0209		mg/Kg		105	70 - 133	1	30
1,1,2-Trichloro-1,2,2-trifluoroethane	0.0200	0.0199		mg/Kg		99	75 - 121	11	30
1,1,2-Trichloroethane	0.0200	0.0222		mg/Kg		111	80 - 120	1	30
1,1-Dichloroethane	0.0200	0.0187		mg/Kg		93	72 - 120	6	30
1,1-Dichloroethene	0.0200	0.0190		mg/Kg		95	76 - 120	8	30
1,2,3-Trichlorobenzene	0.0200	0.0195		mg/Kg		98	77 - 137	1	30
1,2,4-Trichlorobenzene	0.0200	0.0181		mg/Kg		90	77 - 136	1	30
1,2,4-Trimethylbenzene	0.0200	0.0185		mg/Kg		92	75 - 120	2	30

Method: 8260D - Volatile Organic Compounds by GC/MS (Continued)

Lab Sample ID: LCSD 460-1066254/4
Matrix: Solid
Analysis Batch: 1066254

Client Sample ID: Lab Control Sample Dup
Prep Type: Total/NA

Analyte	Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
1,2-Dibromo-3-Chloropropane	0.0200	0.0195		mg/Kg		98	80 - 124	1	30
1,2-Dichlorobenzene	0.0200	0.0211		mg/Kg		106	80 - 120	1	30
1,2-Dichloroethane	0.0200	0.0207		mg/Kg		104	70 - 123	6	30
1,2-Dichloropropane	0.0200	0.0194		mg/Kg		97	73 - 124	4	30
1,3,5-Trimethylbenzene	0.0200	0.0185		mg/Kg		93	70 - 120	2	30
1,3-Dichlorobenzene	0.0200	0.0193		mg/Kg		97	80 - 120	2	30
1,4-Dichlorobenzene	0.0200	0.0195		mg/Kg		98	80 - 120	2	30
2-Butanone (MEK)	0.100	0.107		mg/Kg		107	64 - 128	2	30
2-Hexanone	0.100	0.114		mg/Kg		114	75 - 120	1	30
4-Methyl-2-pentanone (MIBK)	0.100	0.120		mg/Kg		120	80 - 120	0	30
Acetone	0.100	0.103		mg/Kg		103	58 - 122	0	30
Benzene	0.0200	0.0192		mg/Kg		96	75 - 120	4	30
Bromoform	0.0200	0.0209		mg/Kg		104	61 - 125	1	30
Bromomethane	0.0200	0.0147		mg/Kg		73	37 - 150	16	30
Carbon disulfide	0.0200	0.0190		mg/Kg		95	57 - 133	11	30
Carbon tetrachloride	0.0200	0.0185		mg/Kg		93	66 - 127	8	30
Chlorobenzene	0.0200	0.0197		mg/Kg		99	80 - 120	3	30
Chlorobromomethane	0.0200	0.0211		mg/Kg		106	76 - 127	3	30
Chlorodibromomethane	0.0200	0.0211		mg/Kg		106	72 - 120	4	30
Chloroethane	0.0200	0.0188		mg/Kg		94	60 - 123	12	30
Chloroform	0.0200	0.0193		mg/Kg		97	79 - 126	7	30
Chloromethane	0.0200	0.0197		mg/Kg		98	46 - 122	12	30
cis-1,2-Dichloroethene	0.0200	0.0199		mg/Kg		100	80 - 123	6	30
cis-1,3-Dichloropropene	0.0200	0.0193		mg/Kg		96	75 - 120	3	30
Cyclohexane	0.0200	0.0205		mg/Kg		102	65 - 132	11	30
Dichlorobromomethane	0.0200	0.0200		mg/Kg		100	77 - 124	4	30
Dichlorodifluoromethane	0.0200	0.0201		mg/Kg		101	45 - 129	7	30
Ethylbenzene	0.0200	0.0197		mg/Kg		99	80 - 120	4	30
Ethylene Dibromide	0.0200	0.0230		mg/Kg		115	79 - 120	4	30
Isopropylbenzene	0.0200	0.0191		mg/Kg		96	74 - 120	6	30
Methyl acetate	0.0400	0.0386		mg/Kg		97	57 - 120	4	30
Methyl tert-butyl ether	0.0200	0.0212		mg/Kg		106	74 - 125	4	30
Methylcyclohexane	0.0200	0.0201		mg/Kg		100	66 - 125	12	30
Methylene Chloride	0.0200	0.0208		mg/Kg		104	78 - 120	6	30
m-Xylene & p-Xylene	0.0200	0.0195		mg/Kg		98	80 - 120	4	30
n-Butylbenzene	0.0200	0.0174		mg/Kg		87	72 - 120	2	30
N-Propylbenzene	0.0200	0.0186		mg/Kg		93	68 - 120	4	30
o-Xylene	0.0200	0.0199		mg/Kg		99	80 - 120	4	30
sec-Butylbenzene	0.0200	0.0184		mg/Kg		92	78 - 120	4	30
Styrene	0.0200	0.0192		mg/Kg		96	80 - 120	1	30
tert-Butylbenzene	0.0200	0.0185		mg/Kg		92	80 - 120	4	30
Tetrachloroethene	0.0200	0.0200		mg/Kg		100	73 - 120	5	30
Toluene	0.0200	0.0191		mg/Kg		95	80 - 120	6	30
trans-1,2-Dichloroethene	0.0200	0.0194		mg/Kg		97	78 - 120	8	30
trans-1,3-Dichloropropene	0.0200	0.0193		mg/Kg		96	77 - 120	4	30
Trichloroethene	0.0200	0.0205		mg/Kg		102	80 - 120	10	30
Trichlorofluoromethane	0.0200	0.0211		mg/Kg		106	61 - 130	16	30
Vinyl chloride	0.0200	0.0213		mg/Kg		107	54 - 122	15	30
Xylenes, Total	0.0400	0.0394		mg/Kg		99	80 - 120	4	30

Method: 8260D - Volatile Organic Compounds by GC/MS (Continued)

Surrogate	LCSD %Recovery	LCSD Qualifier	Limits
1,2-Dichloroethane-d4 (Surr)	*99*		*65 - 138*
4-Bromofluorobenzene	*101*		*71 - 128*
Dibromofluoromethane (Surr)	*96*		*50 - 150*
Toluene-d8 (Surr)	*98*		*71 - 126*

Lab Sample ID: MB 460-1066309/7
Matrix: Solid
Analysis Batch: 1066309

Client Sample ID: Method Blank
Prep Type: Total/NA

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1-Trichloroethane	0.0010	U	0.0010	0.00023	mg/Kg			10/06/25 23:21	1
1,1,2,2-Tetrachloroethane	0.0010	U	0.0010	0.00052	mg/Kg			10/06/25 23:21	1
1,1,2-Trichloro-1,2,2-trifluoroethane	0.0010	U	0.0010	0.00030	mg/Kg			10/06/25 23:21	1
1,1,2-Trichloroethane	0.0010	U	0.0010	0.00060	mg/Kg			10/06/25 23:21	1
1,1-Dichloroethane	0.0010	U	0.0010	0.00060	mg/Kg			10/06/25 23:21	1
1,1-Dichloroethene	0.0010	U	0.0010	0.00023	mg/Kg			10/06/25 23:21	1
1,2,3-Trichlorobenzene	0.0010	U	0.0010	0.00074	mg/Kg			10/06/25 23:21	1
1,2,4-Trichlorobenzene	0.0010	U	0.0010	0.00036	mg/Kg			10/06/25 23:21	1
1,2,4-Trimethylbenzene	0.0010	U	0.0010	0.00025	mg/Kg			10/06/25 23:21	1
1,2-Dibromo-3-Chloropropane	0.0010	U	0.0010	0.00046	mg/Kg			10/06/25 23:21	1
1,2-Dichlorobenzene	0.0010	U	0.0010	0.00036	mg/Kg			10/06/25 23:21	1
1,2-Dichloroethane	0.0010	U	0.0010	0.00030	mg/Kg			10/06/25 23:21	1
1,2-Dichloropropane	0.0010	U	0.0010	0.00042	mg/Kg			10/06/25 23:21	1
1,3,5-Trimethylbenzene	0.0010	U	0.0010	0.00031	mg/Kg			10/06/25 23:21	1
1,3-Dichlorobenzene	0.0010	U	0.0010	0.00037	mg/Kg			10/06/25 23:21	1
1,4-Dichlorobenzene	0.0010	U	0.0010	0.00052	mg/Kg			10/06/25 23:21	1
2-Butanone (MEK)	0.0050	U	0.0050	0.00037	mg/Kg			10/06/25 23:21	1
2-Hexanone	0.0050	U	0.0050	0.0017	mg/Kg			10/06/25 23:21	1
4-Methyl-2-pentanone (MIBK)	0.0050	U	0.0050	0.0016	mg/Kg			10/06/25 23:21	1
Acetone	0.0060	U	0.0060	0.0057	mg/Kg			10/06/25 23:21	1
Benzene	0.0010	U	0.0010	0.00057	mg/Kg			10/06/25 23:21	1
Bromoform	0.0010	U	0.0010	0.00043	mg/Kg			10/06/25 23:21	1
Bromomethane	0.0020	U	0.0020	0.0010	mg/Kg			10/06/25 23:21	1
Carbon disulfide	0.0010	U	0.0010	0.00027	mg/Kg			10/06/25 23:21	1
Carbon tetrachloride	0.0010	U	0.0010	0.00039	mg/Kg			10/06/25 23:21	1
Chlorobenzene	0.0010	U	0.0010	0.00051	mg/Kg			10/06/25 23:21	1
Chlorobromomethane	0.0010	U	0.0010	0.00060	mg/Kg			10/06/25 23:21	1
Chlorodibromomethane	0.0010	U	0.0010	0.00054	mg/Kg			10/06/25 23:21	1
Chloroethane	0.0010	U	0.0010	0.00052	mg/Kg			10/06/25 23:21	1
Chloroform	0.0010	U	0.0010	0.00097	mg/Kg			10/06/25 23:21	1
Chloromethane	0.0010	U	0.0010	0.00044	mg/Kg			10/06/25 23:21	1
cis-1,2-Dichloroethene	0.0010	U	0.0010	0.00036	mg/Kg			10/06/25 23:21	1
cis-1,3-Dichloropropene	0.0010	U	0.0010	0.00027	mg/Kg			10/06/25 23:21	1
Cyclohexane	0.0010	U	0.0010	0.00022	mg/Kg			10/06/25 23:21	1
Dichlorobromomethane	0.0010	U	0.0010	0.00026	mg/Kg			10/06/25 23:21	1
Dichlorodifluoromethane	0.0010	U	0.0010	0.00034	mg/Kg			10/06/25 23:21	1
Ethylbenzene	0.0010	U	0.0010	0.00047	mg/Kg			10/06/25 23:21	1
Ethylene Dibromide	0.0010	U	0.0010	0.00050	mg/Kg			10/06/25 23:21	1
Isopropylbenzene	0.0010	U	0.0010	0.00029	mg/Kg			10/06/25 23:21	1
Methyl acetate	0.0050	U	0.0050	0.0043	mg/Kg			10/06/25 23:21	1
Methyl tert-butyl ether	0.0010	U	0.0010	0.00051	mg/Kg			10/06/25 23:21	1

Method: 8260D - Volatile Organic Compounds by GC/MS (Continued)

Lab Sample ID: MB 460-1066309/7
Matrix: Solid
Analysis Batch: 1066309

Client Sample ID: Method Blank
Prep Type: Total/NA

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Methylcyclohexane	0.0010	U	0.0010	0.00050	mg/Kg			10/06/25 23:21	1
Methylene Chloride	0.0020	U	0.0020	0.0011	mg/Kg			10/06/25 23:21	1
m-Xylene & p-Xylene	0.0010	U	0.0010	0.00042	mg/Kg			10/06/25 23:21	1
n-Butylbenzene	0.0010	U	0.0010	0.00029	mg/Kg			10/06/25 23:21	1
N-Propylbenzene	0.0010	U	0.0010	0.00045	mg/Kg			10/06/25 23:21	1
o-Xylene	0.0010	U	0.0010	0.00046	mg/Kg			10/06/25 23:21	1
sec-Butylbenzene	0.0010	U	0.0010	0.00029	mg/Kg			10/06/25 23:21	1
Styrene	0.0010	U	0.0010	0.00028	mg/Kg			10/06/25 23:21	1
tert-Butylbenzene	0.0010	U	0.0010	0.00028	mg/Kg			10/06/25 23:21	1
Tetrachloroethene	0.0010	U	0.0010	0.00031	mg/Kg			10/06/25 23:21	1
Toluene	0.000391	J	0.0010	0.00023	mg/Kg			10/06/25 23:21	1
trans-1,2-Dichloroethene	0.0010	U	0.0010	0.00025	mg/Kg			10/06/25 23:21	1
trans-1,3-Dichloropropene	0.0010	U	0.0010	0.00027	mg/Kg			10/06/25 23:21	1
Trichloroethene	0.0010	U	0.0010	0.00032	mg/Kg			10/06/25 23:21	1
Trichlorofluoromethane	0.0010	U	0.0010	0.00041	mg/Kg			10/06/25 23:21	1
Vinyl chloride	0.0010	U	0.0010	0.00055	mg/Kg			10/06/25 23:21	1
Xylenes, Total	0.0020	U	0.0020	0.00017	mg/Kg			10/06/25 23:21	1

Surrogate	*MB %Recovery*	*MB Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,2-Dichloroethane-d4 (Surr)	*99*		*65 - 138*		*10/06/25 23:21*	*1*
4-Bromofluorobenzene	*92*		*71 - 128*		*10/06/25 23:21*	*1*
Dibromofluoromethane (Surr)	*98*		*50 - 150*		*10/06/25 23:21*	*1*
Toluene-d8 (Surr)	*100*		*71 - 126*		*10/06/25 23:21*	*1*

Lab Sample ID: LCS 460-1066309/3
Matrix: Solid
Analysis Batch: 1066309

Client Sample ID: Lab Control Sample
Prep Type: Total/NA

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
1,1,1-Trichloroethane	0.0200	0.0175		mg/Kg		88	78 - 120
1,1,2,2-Tetrachloroethane	0.0200	0.0203		mg/Kg		101	70 - 133
1,1,2-Trichloro-1,2,2-trifluoroethane	0.0200	0.0180		mg/Kg		90	75 - 121
1,1,2-Trichloroethane	0.0200	0.0200		mg/Kg		100	80 - 120
1,1-Dichloroethane	0.0200	0.0190		mg/Kg		95	72 - 120
1,1-Dichloroethene	0.0200	0.0193		mg/Kg		97	76 - 120
1,2,3-Trichlorobenzene	0.0200	0.0188		mg/Kg		94	77 - 137
1,2,4-Trichlorobenzene	0.0200	0.0183		mg/Kg		92	77 - 136
1,2,4-Trimethylbenzene	0.0200	0.0195		mg/Kg		98	75 - 120
1,2-Dibromo-3-Chloropropane	0.0200	0.0194		mg/Kg		97	80 - 124
1,2-Dichlorobenzene	0.0200	0.0196		mg/Kg		98	80 - 120
1,2-Dichloroethane	0.0200	0.0176		mg/Kg		88	70 - 123
1,2-Dichloropropane	0.0200	0.0190		mg/Kg		95	73 - 124
1,3,5-Trimethylbenzene	0.0200	0.0193		mg/Kg		97	70 - 120
1,3-Dichlorobenzene	0.0200	0.0202		mg/Kg		101	80 - 120
1,4-Dichlorobenzene	0.0200	0.0194		mg/Kg		97	80 - 120
2-Butanone (MEK)	0.100	0.0993		mg/Kg		99	64 - 128
2-Hexanone	0.100	0.100		mg/Kg		100	75 - 120
4-Methyl-2-pentanone (MIBK)	0.100	0.100		mg/Kg		100	80 - 120

Method: 8260D - Volatile Organic Compounds by GC/MS (Continued)

Lab Sample ID: LCS 460-1066309/3
Matrix: Solid
Analysis Batch: 1066309

Client Sample ID: Lab Control Sample
Prep Type: Total/NA

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
Acetone	0.100	0.0983		mg/Kg		98	58 - 122
Benzene	0.0200	0.0195		mg/Kg		98	75 - 120
Bromoform	0.0200	0.0191		mg/Kg		95	61 - 125
Bromomethane	0.0200	0.0146		mg/Kg		73	37 - 150
Carbon disulfide	0.0200	0.0184		mg/Kg		92	57 - 133
Carbon tetrachloride	0.0200	0.0168		mg/Kg		84	66 - 127
Chlorobenzene	0.0200	0.0194		mg/Kg		97	80 - 120
Chlorobromomethane	0.0200	0.0198		mg/Kg		99	76 - 127
Chlorodibromomethane	0.0200	0.0188		mg/Kg		94	72 - 120
Chloroethane	0.0200	0.0159		mg/Kg		80	60 - 123
Chloroform	0.0200	0.0186		mg/Kg		93	79 - 126
Chloromethane	0.0200	0.0219		mg/Kg		109	46 - 122
cis-1,2-Dichloroethene	0.0200	0.0188		mg/Kg		94	80 - 123
cis-1,3-Dichloropropene	0.0200	0.0184		mg/Kg		92	75 - 120
Cyclohexane	0.0200	0.0190		mg/Kg		95	65 - 132
Dichlorobromomethane	0.0200	0.0177		mg/Kg		88	77 - 124
Dichlorodifluoromethane	0.0200	0.0247		mg/Kg		123	45 - 129
Ethylbenzene	0.0200	0.0194		mg/Kg		97	80 - 120
Ethylene Dibromide	0.0200	0.0197		mg/Kg		98	79 - 120
Isopropylbenzene	0.0200	0.0197		mg/Kg		98	74 - 120
Methyl acetate	0.0400	0.0371		mg/Kg		93	57 - 120
Methyl tert-butyl ether	0.0200	0.0183		mg/Kg		92	74 - 125
Methylcyclohexane	0.0200	0.0188		mg/Kg		94	66 - 125
Methylene Chloride	0.0200	0.0203		mg/Kg		101	78 - 120
m-Xylene & p-Xylene	0.0200	0.0198		mg/Kg		99	80 - 120
n-Butylbenzene	0.0200	0.0195		mg/Kg		97	72 - 120
N-Propylbenzene	0.0200	0.0190		mg/Kg		95	68 - 120
o-Xylene	0.0200	0.0201		mg/Kg		100	80 - 120
sec-Butylbenzene	0.0200	0.0196		mg/Kg		98	78 - 120
Styrene	0.0200	0.0201		mg/Kg		100	80 - 120
tert-Butylbenzene	0.0200	0.0193		mg/Kg		96	80 - 120
Tetrachloroethene	0.0200	0.0178		mg/Kg		89	73 - 120
Toluene	0.0200	0.0192		mg/Kg		96	80 - 120
trans-1,2-Dichloroethene	0.0200	0.0183		mg/Kg		92	78 - 120
trans-1,3-Dichloropropene	0.0200	0.0180		mg/Kg		90	77 - 120
Trichloroethene	0.0200	0.0181		mg/Kg		90	80 - 120
Trichlorofluoromethane	0.0200	0.0184		mg/Kg		92	61 - 130
Vinyl chloride	0.0200	0.0207		mg/Kg		103	54 - 122
Xylenes, Total	0.0400	0.0399		mg/Kg		100	80 - 120

Surrogate	*LCS %Recovery*	*LCS Qualifier*	*Limits*
1,2-Dichloroethane-d4 (Surr)	*93*		*65 - 138*
4-Bromofluorobenzene	*95*		*71 - 128*
Dibromofluoromethane (Surr)	*94*		*50 - 150*
Toluene-d8 (Surr)	*99*		*71 - 126*

Method: 8260D - Volatile Organic Compounds by GC/MS (Continued)

Lab Sample ID: LCSD 460-1066309/4
Matrix: Solid
Analysis Batch: 1066309

Client Sample ID: Lab Control Sample Dup
Prep Type: Total/NA

Analyte			Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
1,1,1-Trichloroethane			0.0200	0.0188		mg/Kg		94	78 - 120	7	30
1,1,2,2-Tetrachloroethane			0.0200	0.0202		mg/Kg		101	70 - 133	1	30
1,1,2-Trichloro-1,2,2-trifluoroethane			0.0200	0.0196		mg/Kg		98	75 - 121	9	30
1,1,2-Trichloroethane			0.0200	0.0204		mg/Kg		102	80 - 120	2	30
1,1-Dichloroethane			0.0200	0.0201		mg/Kg		101	72 - 120	6	30
1,1-Dichloroethene			0.0200	0.0206		mg/Kg		103	76 - 120	7	30
1,2,3-Trichlorobenzene			0.0200	0.0195		mg/Kg		97	77 - 137	3	30
1,2,4-Trichlorobenzene			0.0200	0.0189		mg/Kg		95	77 - 136	3	30
1,2,4-Trimethylbenzene			0.0200	0.0208		mg/Kg		104	75 - 120	6	30
1,2-Dibromo-3-Chloropropane			0.0200	0.0197		mg/Kg		98	80 - 124	2	30
1,2-Dichlorobenzene			0.0200	0.0205		mg/Kg		103	80 - 120	5	30
1,2-Dichloroethane			0.0200	0.0178		mg/Kg		89	70 - 123	1	30
1,2-Dichloropropane			0.0200	0.0197		mg/Kg		98	73 - 124	4	30
1,3,5-Trimethylbenzene			0.0200	0.0204		mg/Kg		102	70 - 120	5	30
1,3-Dichlorobenzene			0.0200	0.0212		mg/Kg		106	80 - 120	5	30
1,4-Dichlorobenzene			0.0200	0.0202		mg/Kg		101	80 - 120	4	30
2-Butanone (MEK)			0.100	0.104		mg/Kg		104	64 - 128	5	30
2-Hexanone			0.100	0.102		mg/Kg		102	75 - 120	2	30
4-Methyl-2-pentanone (MIBK)			0.100	0.103		mg/Kg		103	80 - 120	3	30
Acetone			0.100	0.101		mg/Kg		101	58 - 122	3	30
Benzene			0.0200	0.0207		mg/Kg		103	75 - 120	6	30
Bromoform			0.0200	0.0197		mg/Kg		98	61 - 125	3	30
Bromomethane			0.0200	0.0147		mg/Kg		73	37 - 150	1	30
Carbon disulfide			0.0200	0.0200		mg/Kg		100	57 - 133	8	30
Carbon tetrachloride			0.0200	0.0182		mg/Kg		91	66 - 127	8	30
Chlorobenzene			0.0200	0.0204		mg/Kg		102	80 - 120	5	30
Chlorobromomethane			0.0200	0.0204		mg/Kg		102	76 - 127	3	30
Chlorodibromomethane			0.0200	0.0193		mg/Kg		96	72 - 120	3	30
Chloroethane			0.0200	0.0153		mg/Kg		77	60 - 123	4	30
Chloroform			0.0200	0.0194		mg/Kg		97	79 - 126	4	30
Chloromethane			0.0200	0.0234		mg/Kg		117	46 - 122	7	30
cis-1,2-Dichloroethene			0.0200	0.0193		mg/Kg		97	80 - 123	3	30
cis-1,3-Dichloropropene			0.0200	0.0196		mg/Kg		98	75 - 120	6	30
Cyclohexane			0.0200	0.0206		mg/Kg		103	65 - 132	8	30
Dichlorobromomethane			0.0200	0.0186		mg/Kg		93	77 - 124	5	30
Dichlorodifluoromethane			0.0200	0.0281	*	mg/Kg		140	45 - 129	13	30
Ethylbenzene			0.0200	0.0206		mg/Kg		103	80 - 120	6	30
Ethylene Dibromide			0.0200	0.0203		mg/Kg		102	79 - 120	3	30
Isopropylbenzene			0.0200	0.0209		mg/Kg		105	74 - 120	6	30
Methyl acetate			0.0400	0.0398		mg/Kg		99	57 - 120	7	30
Methyl tert-butyl ether			0.0200	0.0189		mg/Kg		94	74 - 125	3	30
Methylcyclohexane			0.0200	0.0208		mg/Kg		104	66 - 125	10	30
Methylene Chloride			0.0200	0.0211		mg/Kg		105	78 - 120	4	30
m-Xylene & p-Xylene			0.0200	0.0210		mg/Kg		105	80 - 120	6	30
n-Butylbenzene			0.0200	0.0209		mg/Kg		105	72 - 120	7	30
N-Propylbenzene			0.0200	0.0200		mg/Kg		100	68 - 120	5	30
o-Xylene			0.0200	0.0211		mg/Kg		106	80 - 120	5	30
sec-Butylbenzene			0.0200	0.0210		mg/Kg		105	78 - 120	7	30

Method: 8260D - Volatile Organic Compounds by GC/MS (Continued)

Lab Sample ID: LCSD 460-1066309/4
Matrix: Solid
Analysis Batch: 1066309

Client Sample ID: Lab Control Sample Dup
Prep Type: Total/NA

Analyte			Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Styrene			0.0200	0.0209		mg/Kg		105	80 - 120	4	30
tert-Butylbenzene			0.0200	0.0208		mg/Kg		104	80 - 120	8	30
Tetrachloroethene			0.0200	0.0193		mg/Kg		97	73 - 120	8	30
Toluene			0.0200	0.0203		mg/Kg		102	80 - 120	6	30
trans-1,2-Dichloroethene			0.0200	0.0196		mg/Kg		98	78 - 120	7	30
trans-1,3-Dichloropropene			0.0200	0.0187		mg/Kg		93	77 - 120	4	30
Trichloroethene			0.0200	0.0200		mg/Kg		100	80 - 120	10	30
Trichlorofluoromethane			0.0200	0.0207		mg/Kg		103	61 - 130	12	30
Vinyl chloride			0.0200	0.0229		mg/Kg		114	54 - 122	10	30
Xylenes, Total			0.0400	0.0421		mg/Kg		105	80 - 120	5	30

Surrogate	*LCSD %Recovery*	*LCSD Qualifier*	*Limits*
1,2-Dichloroethane-d4 (Surr)	*93*		*65 - 138*
4-Bromofluorobenzene	*96*		*71 - 128*
Dibromofluoromethane (Surr)	*93*		*50 - 150*
Toluene-d8 (Surr)	*100*		*71 - 126*

Lab Sample ID: MB 460-1066310/7
Matrix: Solid
Analysis Batch: 1066310

Client Sample ID: Method Blank
Prep Type: Total/NA

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1-Trichloroethane	0.0010	U	0.0010	0.00023	mg/Kg			10/07/25 10:37	1
1,1,2,2-Tetrachloroethane	0.0010	U	0.0010	0.00052	mg/Kg			10/07/25 10:37	1
1,1,2-Trichloro-1,2,2-trifluoroethane	0.0010	U	0.0010	0.00030	mg/Kg			10/07/25 10:37	1
1,1,2-Trichloroethane	0.0010	U	0.0010	0.00060	mg/Kg			10/07/25 10:37	1
1,1-Dichloroethane	0.0010	U	0.0010	0.00060	mg/Kg			10/07/25 10:37	1
1,1-Dichloroethene	0.0010	U	0.0010	0.00023	mg/Kg			10/07/25 10:37	1
1,2,3-Trichlorobenzene	0.0010	U	0.0010	0.00074	mg/Kg			10/07/25 10:37	1
1,2,4-Trichlorobenzene	0.0010	U	0.0010	0.00036	mg/Kg			10/07/25 10:37	1
1,2,4-Trimethylbenzene	0.0010	U	0.0010	0.00025	mg/Kg			10/07/25 10:37	1
1,2-Dibromo-3-Chloropropane	0.0010	U	0.0010	0.00046	mg/Kg			10/07/25 10:37	1
1,2-Dichlorobenzene	0.0010	U	0.0010	0.00036	mg/Kg			10/07/25 10:37	1
1,2-Dichloroethane	0.0010	U	0.0010	0.00030	mg/Kg			10/07/25 10:37	1
1,2-Dichloropropane	0.0010	U	0.0010	0.00042	mg/Kg			10/07/25 10:37	1
1,3,5-Trimethylbenzene	0.0010	U	0.0010	0.00031	mg/Kg			10/07/25 10:37	1
1,3-Dichlorobenzene	0.0010	U	0.0010	0.00037	mg/Kg			10/07/25 10:37	1
1,4-Dichlorobenzene	0.0010	U	0.0010	0.00052	mg/Kg			10/07/25 10:37	1
2-Butanone (MEK)	0.0050	U	0.0050	0.00037	mg/Kg			10/07/25 10:37	1
2-Hexanone	0.0050	U	0.0050	0.0017	mg/Kg			10/07/25 10:37	1
4-Methyl-2-pentanone (MIBK)	0.0050	U	0.0050	0.0016	mg/Kg			10/07/25 10:37	1
Acetone	0.0060	U	0.0060	0.0057	mg/Kg			10/07/25 10:37	1
Benzene	0.0010	U	0.0010	0.00057	mg/Kg			10/07/25 10:37	1
Bromoform	0.0010	U	0.0010	0.00043	mg/Kg			10/07/25 10:37	1
Bromomethane	0.0020	U	0.0020	0.0010	mg/Kg			10/07/25 10:37	1
Carbon disulfide	0.0010	U	0.0010	0.00027	mg/Kg			10/07/25 10:37	1
Carbon tetrachloride	0.0010	U	0.0010	0.00039	mg/Kg			10/07/25 10:37	1
Chlorobenzene	0.0010	U	0.0010	0.00051	mg/Kg			10/07/25 10:37	1

Method: 8260D - Volatile Organic Compounds by GC/MS (Continued)

Lab Sample ID: MB 460-1066310/7
Matrix: Solid
Analysis Batch: 1066310

Client Sample ID: Method Blank
Prep Type: Total/NA

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chlorobromomethane	0.0010	U	0.0010	0.00060	mg/Kg			10/07/25 10:37	1
Chlorodibromomethane	0.0010	U	0.0010	0.00054	mg/Kg			10/07/25 10:37	1
Chloroethane	0.0010	U	0.0010	0.00052	mg/Kg			10/07/25 10:37	1
Chloroform	0.0010	U	0.0010	0.00097	mg/Kg			10/07/25 10:37	1
Chloromethane	0.0010	U	0.0010	0.00044	mg/Kg			10/07/25 10:37	1
cis-1,2-Dichloroethene	0.0010	U	0.0010	0.00036	mg/Kg			10/07/25 10:37	1
cis-1,3-Dichloropropene	0.0010	U	0.0010	0.00027	mg/Kg			10/07/25 10:37	1
Cyclohexane	0.0010	U	0.0010	0.00022	mg/Kg			10/07/25 10:37	1
Dichlorobromomethane	0.0010	U	0.0010	0.00026	mg/Kg			10/07/25 10:37	1
Dichlorodifluoromethane	0.0010	U	0.0010	0.00034	mg/Kg			10/07/25 10:37	1
Ethylbenzene	0.0010	U	0.0010	0.00047	mg/Kg			10/07/25 10:37	1
Ethylene Dibromide	0.0010	U	0.0010	0.00050	mg/Kg			10/07/25 10:37	1
Isopropylbenzene	0.0010	U	0.0010	0.00029	mg/Kg			10/07/25 10:37	1
Methyl acetate	0.0050	U	0.0050	0.0043	mg/Kg			10/07/25 10:37	1
Methyl tert-butyl ether	0.0010	U	0.0010	0.00051	mg/Kg			10/07/25 10:37	1
Methylcyclohexane	0.0010	U	0.0010	0.00050	mg/Kg			10/07/25 10:37	1
Methylene Chloride	0.0020	U	0.0020	0.0011	mg/Kg			10/07/25 10:37	1
m-Xylene & p-Xylene	0.0010	U	0.0010	0.00042	mg/Kg			10/07/25 10:37	1
n-Butylbenzene	0.0010	U	0.0010	0.00029	mg/Kg			10/07/25 10:37	1
N-Propylbenzene	0.0010	U	0.0010	0.00045	mg/Kg			10/07/25 10:37	1
o-Xylene	0.0010	U	0.0010	0.00046	mg/Kg			10/07/25 10:37	1
sec-Butylbenzene	0.0010	U	0.0010	0.00029	mg/Kg			10/07/25 10:37	1
Styrene	0.0010	U	0.0010	0.00028	mg/Kg			10/07/25 10:37	1
tert-Butylbenzene	0.0010	U	0.0010	0.00028	mg/Kg			10/07/25 10:37	1
Tetrachloroethene	0.0010	U	0.0010	0.00031	mg/Kg			10/07/25 10:37	1
Toluene	0.0010	U	0.0010	0.00023	mg/Kg			10/07/25 10:37	1
trans-1,2-Dichloroethene	0.0010	U	0.0010	0.00025	mg/Kg			10/07/25 10:37	1
trans-1,3-Dichloropropene	0.0010	U	0.0010	0.00027	mg/Kg			10/07/25 10:37	1
Trichloroethene	0.0010	U	0.0010	0.00032	mg/Kg			10/07/25 10:37	1
Trichlorofluoromethane	0.0010	U	0.0010	0.00041	mg/Kg			10/07/25 10:37	1
Vinyl chloride	0.0010	U	0.0010	0.00055	mg/Kg			10/07/25 10:37	1
Xylenes, Total	0.0020	U	0.0020	0.00017	mg/Kg			10/07/25 10:37	1

Surrogate	*MB %Recovery*	*MB Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,2-Dichloroethane-d4 (Surr)	*99*		*65 - 138*		*10/07/25 10:37*	*1*
4-Bromofluorobenzene	*92*		*71 - 128*		*10/07/25 10:37*	*1*
Dibromofluoromethane (Surr)	*98*		*50 - 150*		*10/07/25 10:37*	*1*
Toluene-d8 (Surr)	*100*		*71 - 126*		*10/07/25 10:37*	*1*

Lab Sample ID: LCS 460-1066310/3
Matrix: Solid
Analysis Batch: 1066310

Client Sample ID: Lab Control Sample
Prep Type: Total/NA

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
1,1,1-Trichloroethane	0.0200	0.0164		mg/Kg		82	78 - 120
1,1,2,2-Tetrachloroethane	0.0200	0.0191		mg/Kg		96	70 - 133
1,1,2-Trichloro-1,2,2-trifluoroethane	0.0200	0.0170		mg/Kg		85	75 - 121
1,1,2-Trichloroethane	0.0200	0.0191		mg/Kg		96	80 - 120

Method: 8260D - Volatile Organic Compounds by GC/MS (Continued)

Lab Sample ID: LCS 460-1066310/3
Matrix: Solid
Analysis Batch: 1066310

Client Sample ID: Lab Control Sample
Prep Type: Total/NA

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
1,1-Dichloroethane	0.0200	0.0181		mg/Kg		91	72 - 120
1,1-Dichloroethene	0.0200	0.0180		mg/Kg		90	76 - 120
1,2,3-Trichlorobenzene	0.0200	0.0179		mg/Kg		89	77 - 137
1,2,4-Trichlorobenzene	0.0200	0.0166		mg/Kg		83	77 - 136
1,2,4-Trimethylbenzene	0.0200	0.0187		mg/Kg		94	75 - 120
1,2-Dibromo-3-Chloropropane	0.0200	0.0179		mg/Kg		90	80 - 124
1,2-Dichlorobenzene	0.0200	0.0190		mg/Kg		95	80 - 120
1,2-Dichloroethane	0.0200	0.0166		mg/Kg		83	70 - 123
1,2-Dichloropropane	0.0200	0.0183		mg/Kg		91	73 - 124
1,3,5-Trimethylbenzene	0.0200	0.0186		mg/Kg		93	70 - 120
1,3-Dichlorobenzene	0.0200	0.0191		mg/Kg		96	80 - 120
1,4-Dichlorobenzene	0.0200	0.0184		mg/Kg		92	80 - 120
2-Butanone (MEK)	0.100	0.0990		mg/Kg		99	64 - 128
2-Hexanone	0.100	0.0973		mg/Kg		97	75 - 120
4-Methyl-2-pentanone (MIBK)	0.100	0.0969		mg/Kg		97	80 - 120
Acetone	0.100	0.0973		mg/Kg		97	58 - 122
Benzene	0.0200	0.0187		mg/Kg		94	75 - 120
Bromoform	0.0200	0.0183		mg/Kg		92	61 - 125
Bromomethane	0.0200	0.0140		mg/Kg		70	37 - 150
Carbon disulfide	0.0200	0.0177		mg/Kg		88	57 - 133
Carbon tetrachloride	0.0200	0.0156		mg/Kg		78	66 - 127
Chlorobenzene	0.0200	0.0188		mg/Kg		94	80 - 120
Chlorobromomethane	0.0200	0.0193		mg/Kg		96	76 - 127
Chlorodibromomethane	0.0200	0.0178		mg/Kg		89	72 - 120
Chloroethane	0.0200	0.0161		mg/Kg		81	60 - 123
Chloroform	0.0200	0.0179		mg/Kg		89	79 - 126
Chloromethane	0.0200	0.0208		mg/Kg		104	46 - 122
cis-1,2-Dichloroethene	0.0200	0.0179		mg/Kg		89	80 - 123
cis-1,3-Dichloropropene	0.0200	0.0174		mg/Kg		87	75 - 120
Cyclohexane	0.0200	0.0179		mg/Kg		90	65 - 132
Dichlorobromomethane	0.0200	0.0172		mg/Kg		86	77 - 124
Dichlorodifluoromethane	0.0200	0.0224		mg/Kg		112	45 - 129
Ethylbenzene	0.0200	0.0188		mg/Kg		94	80 - 120
Ethylene Dibromide	0.0200	0.0185		mg/Kg		93	79 - 120
Isopropylbenzene	0.0200	0.0189		mg/Kg		95	74 - 120
Methyl acetate	0.0400	0.0336		mg/Kg		84	57 - 120
Methyl tert-butyl ether	0.0200	0.0171		mg/Kg		85	74 - 125
Methylcyclohexane	0.0200	0.0178		mg/Kg		89	66 - 125
Methylene Chloride	0.0200	0.0202		mg/Kg		101	78 - 120
m-Xylene & p-Xylene	0.0200	0.0188		mg/Kg		94	80 - 120
n-Butylbenzene	0.0200	0.0182		mg/Kg		91	72 - 120
N-Propylbenzene	0.0200	0.0181		mg/Kg		91	68 - 120
o-Xylene	0.0200	0.0192		mg/Kg		96	80 - 120
sec-Butylbenzene	0.0200	0.0188		mg/Kg		94	78 - 120
Styrene	0.0200	0.0191		mg/Kg		95	80 - 120
tert-Butylbenzene	0.0200	0.0187		mg/Kg		93	80 - 120
Tetrachloroethene	0.0200	0.0171		mg/Kg		86	73 - 120
Toluene	0.0200	0.0183		mg/Kg		92	80 - 120
trans-1,2-Dichloroethene	0.0200	0.0177		mg/Kg		89	78 - 120

Method: 8260D - Volatile Organic Compounds by GC/MS (Continued)

Lab Sample ID: LCS 460-1066310/3
Matrix: Solid
Analysis Batch: 1066310

Client Sample ID: Lab Control Sample
Prep Type: Total/NA

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
trans-1,3-Dichloropropene	0.0200	0.0167		mg/Kg		83	77 - 120
Trichloroethene	0.0200	0.0170		mg/Kg		85	80 - 120
Trichlorofluoromethane	0.0200	0.0171		mg/Kg		85	61 - 130
Vinyl chloride	0.0200	0.0189		mg/Kg		95	54 - 122
Xylenes, Total	0.0400	0.0381		mg/Kg		95	80 - 120

Surrogate	*LCS %Recovery*	*LCS Qualifier*	*Limits*
1,2-Dichloroethane-d4 (Surr)	*89*		*65 - 138*
4-Bromofluorobenzene	*96*		*71 - 128*
Dibromofluoromethane (Surr)	*91*		*50 - 150*
Toluene-d8 (Surr)	*100*		*71 - 126*

Lab Sample ID: LCSD 460-1066310/4
Matrix: Solid
Analysis Batch: 1066310

Client Sample ID: Lab Control Sample Dup
Prep Type: Total/NA

Analyte	Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
1,1,1-Trichloroethane	0.0200	0.0189		mg/Kg		94	78 - 120	14	30
1,1,2,2-Tetrachloroethane	0.0200	0.0199		mg/Kg		99	70 - 133	4	30
1,1,2-Trichloro-1,2,2-trifluoroethane	0.0200	0.0208		mg/Kg		104	75 - 121	20	30
1,1,2-Trichloroethane	0.0200	0.0200		mg/Kg		100	80 - 120	4	30
1,1-Dichloroethane	0.0200	0.0200		mg/Kg		100	72 - 120	10	30
1,1-Dichloroethene	0.0200	0.0213		mg/Kg		106	76 - 120	17	30
1,2,3-Trichlorobenzene	0.0200	0.0190		mg/Kg		95	77 - 137	6	30
1,2,4-Trichlorobenzene	0.0200	0.0185		mg/Kg		93	77 - 136	11	30
1,2,4-Trimethylbenzene	0.0200	0.0204		mg/Kg		102	75 - 120	9	30
1,2-Dibromo-3-Chloropropane	0.0200	0.0183		mg/Kg		91	80 - 124	2	30
1,2-Dichlorobenzene	0.0200	0.0201		mg/Kg		101	80 - 120	6	30
1,2-Dichloroethane	0.0200	0.0177		mg/Kg		88	70 - 123	6	30
1,2-Dichloropropane	0.0200	0.0196		mg/Kg		98	73 - 124	7	30
1,3,5-Trimethylbenzene	0.0200	0.0203		mg/Kg		101	70 - 120	9	30
1,3-Dichlorobenzene	0.0200	0.0208		mg/Kg		104	80 - 120	8	30
1,4-Dichlorobenzene	0.0200	0.0198		mg/Kg		99	80 - 120	7	30
2-Butanone (MEK)	0.100	0.103		mg/Kg		103	64 - 128	4	30
2-Hexanone	0.100	0.0998		mg/Kg		100	75 - 120	3	30
4-Methyl-2-pentanone (MIBK)	0.100	0.100		mg/Kg		100	80 - 120	3	30
Acetone	0.100	0.0989		mg/Kg		99	58 - 122	2	30
Benzene	0.0200	0.0205		mg/Kg		102	75 - 120	9	30
Bromoform	0.0200	0.0185		mg/Kg		92	61 - 125	1	30
Bromomethane	0.0200	0.0148		mg/Kg		74	37 - 150	5	30
Carbon disulfide	0.0200	0.0201		mg/Kg		101	57 - 133	13	30
Carbon tetrachloride	0.0200	0.0184		mg/Kg		92	66 - 127	16	30
Chlorobenzene	0.0200	0.0201		mg/Kg		100	80 - 120	7	30
Chlorobromomethane	0.0200	0.0201		mg/Kg		100	76 - 127	4	30
Chlorodibromomethane	0.0200	0.0185		mg/Kg		92	72 - 120	4	30
Chloroethane	0.0200	0.0162		mg/Kg		81	60 - 123	0	30
Chloroform	0.0200	0.0194		mg/Kg		97	79 - 126	8	30
Chloromethane	0.0200	0.0238		mg/Kg		119	46 - 122	14	30

Method: 8260D - Volatile Organic Compounds by GC/MS (Continued)

Lab Sample ID: LCSD 460-1066310/4
Matrix: Solid
Analysis Batch: 1066310

Client Sample ID: Lab Control Sample Dup
Prep Type: Total/NA

Analyte	Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
cis-1,2-Dichloroethene	0.0200	0.0196		mg/Kg		98	80 - 123	9	30
cis-1,3-Dichloropropene	0.0200	0.0185		mg/Kg		92	75 - 120	6	30
Cyclohexane	0.0200	0.0215		mg/Kg		107	65 - 132	18	30
Dichlorobromomethane	0.0200	0.0184		mg/Kg		92	77 - 124	6	30
Dichlorodifluoromethane	0.0200	0.0284	*	mg/Kg		142	45 - 129	24	30
Ethylbenzene	0.0200	0.0207		mg/Kg		104	80 - 120	10	30
Ethylene Dibromide	0.0200	0.0194		mg/Kg		97	79 - 120	5	30
Isopropylbenzene	0.0200	0.0210		mg/Kg		105	74 - 120	10	30
Methyl acetate	0.0400	0.0341		mg/Kg		85	57 - 120	2	30
Methyl tert-butyl ether	0.0200	0.0180		mg/Kg		90	74 - 125	5	30
Methylcyclohexane	0.0200	0.0216		mg/Kg		108	66 - 125	19	30
Methylene Chloride	0.0200	0.0213		mg/Kg		106	78 - 120	5	30
m-Xylene & p-Xylene	0.0200	0.0206		mg/Kg		103	80 - 120	9	30
n-Butylbenzene	0.0200	0.0208		mg/Kg		104	72 - 120	13	30
N-Propylbenzene	0.0200	0.0208		mg/Kg		104	68 - 120	14	30
o-Xylene	0.0200	0.0209		mg/Kg		105	80 - 120	8	30
sec-Butylbenzene	0.0200	0.0213		mg/Kg		107	78 - 120	13	30
Styrene	0.0200	0.0206		mg/Kg		103	80 - 120	8	30
tert-Butylbenzene	0.0200	0.0210		mg/Kg		105	80 - 120	12	30
Tetrachloroethene	0.0200	0.0197		mg/Kg		99	73 - 120	14	30
Toluene	0.0200	0.0199		mg/Kg		100	80 - 120	9	30
trans-1,2-Dichloroethene	0.0200	0.0201		mg/Kg		100	78 - 120	12	30
trans-1,3-Dichloropropene	0.0200	0.0177		mg/Kg		88	77 - 120	6	30
Trichloroethene	0.0200	0.0193		mg/Kg		96	80 - 120	12	30
Trichlorofluoromethane	0.0200	0.0210		mg/Kg		105	61 - 130	21	30
Vinyl chloride	0.0200	0.0230		mg/Kg		115	54 - 122	19	30
Xylenes, Total	0.0400	0.0415		mg/Kg		104	80 - 120	9	30

Surrogate	*LCSD %Recovery*	*LCSD Qualifier*	*Limits*
1,2-Dichloroethane-d4 (Surr)	*90*		*65 - 138*
4-Bromofluorobenzene	*95*		*71 - 128*
Dibromofluoromethane (Surr)	*93*		*50 - 150*
Toluene-d8 (Surr)	*100*		*71 - 126*

Lab Sample ID: MB 460-1066524/7
Matrix: Solid
Analysis Batch: 1066524

Client Sample ID: Method Blank
Prep Type: Total/NA

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1-Trichloroethane	0.0010	U *	0.0010	0.00023	mg/Kg			10/07/25 18:06	1
1,1,2,2-Tetrachloroethane	0.0010	U	0.0010	0.00052	mg/Kg			10/07/25 18:06	1
1,1,2-Trichloro-1,2,2-trifluoroethane	0.0010	U *	0.0010	0.00030	mg/Kg			10/07/25 18:06	1
1,1,2-Trichloroethane	0.0010	U	0.0010	0.00060	mg/Kg			10/07/25 18:06	1
1,1-Dichloroethane	0.0010	U *	0.0010	0.00060	mg/Kg			10/07/25 18:06	1
1,1-Dichloroethene	0.0010	U *	0.0010	0.00023	mg/Kg			10/07/25 18:06	1
1,2,3-Trichlorobenzene	0.0010	U	0.0010	0.00074	mg/Kg			10/07/25 18:06	1
1,2,4-Trichlorobenzene	0.0010	U	0.0010	0.00036	mg/Kg			10/07/25 18:06	1
1,2,4-Trimethylbenzene	0.0010	U	0.0010	0.00025	mg/Kg			10/07/25 18:06	1

Method: 8260D - Volatile Organic Compounds by GC/MS (Continued)

Lab Sample ID: MB 460-1066524/7
Matrix: Solid
Analysis Batch: 1066524

Client Sample ID: Method Blank
Prep Type: Total/NA

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,2-Dibromo-3-Chloropropane	0.0010	U	0.0010	0.00046	mg/Kg			10/07/25 18:06	1
1,2-Dichlorobenzene	0.0010	U	0.0010	0.00036	mg/Kg			10/07/25 18:06	1
1,2-Dichloroethane	0.0010	U *	0.0010	0.00030	mg/Kg			10/07/25 18:06	1
1,2-Dichloropropane	0.0010	U *	0.0010	0.00042	mg/Kg			10/07/25 18:06	1
1,3,5-Trimethylbenzene	0.0010	U	0.0010	0.00031	mg/Kg			10/07/25 18:06	1
1,3-Dichlorobenzene	0.0010	U	0.0010	0.00037	mg/Kg			10/07/25 18:06	1
1,4-Dichlorobenzene	0.0010	U	0.0010	0.00052	mg/Kg			10/07/25 18:06	1
2-Butanone (MEK)	0.0050	U	0.0050	0.00037	mg/Kg			10/07/25 18:06	1
2-Hexanone	0.0050	U	0.0050	0.0017	mg/Kg			10/07/25 18:06	1
4-Methyl-2-pentanone (MIBK)	0.0050	U	0.0050	0.0016	mg/Kg			10/07/25 18:06	1
Acetone	0.0060	U	0.0060	0.0057	mg/Kg			10/07/25 18:06	1
Benzene	0.0010	U	0.0010	0.00057	mg/Kg			10/07/25 18:06	1
Bromoform	0.0010	U	0.0010	0.00043	mg/Kg			10/07/25 18:06	1
Bromomethane	0.0020	U *	0.0020	0.0010	mg/Kg			10/07/25 18:06	1
Carbon disulfide	0.0010	U *	0.0010	0.00027	mg/Kg			10/07/25 18:06	1
Carbon tetrachloride	0.0010	U *	0.0010	0.00039	mg/Kg			10/07/25 18:06	1
Chlorobenzene	0.0010	U	0.0010	0.00051	mg/Kg			10/07/25 18:06	1
Chlorobromomethane	0.0010	U *	0.0010	0.00060	mg/Kg			10/07/25 18:06	1
Chlorodibromomethane	0.0010	U	0.0010	0.00054	mg/Kg			10/07/25 18:06	1
Chloroethane	0.0010	U *	0.0010	0.00052	mg/Kg			10/07/25 18:06	1
Chloroform	0.0010	U *	0.0010	0.00097	mg/Kg			10/07/25 18:06	1
Chloromethane	0.0010	U *	0.0010	0.00044	mg/Kg			10/07/25 18:06	1
cis-1,2-Dichloroethene	0.0010	U *	0.0010	0.00036	mg/Kg			10/07/25 18:06	1
cis-1,3-Dichloropropene	0.0010	U	0.0010	0.00027	mg/Kg			10/07/25 18:06	1
Cyclohexane	0.0010	U *	0.0010	0.00022	mg/Kg			10/07/25 18:06	1
Dichlorobromomethane	0.0010	U *	0.0010	0.00026	mg/Kg			10/07/25 18:06	1
Dichlorodifluoromethane	0.0010	U *	0.0010	0.00034	mg/Kg			10/07/25 18:06	1
Ethylbenzene	0.0010	U	0.0010	0.00047	mg/Kg			10/07/25 18:06	1
Ethylene Dibromide	0.0010	U	0.0010	0.00050	mg/Kg			10/07/25 18:06	1
Isopropylbenzene	0.0010	U	0.0010	0.00029	mg/Kg			10/07/25 18:06	1
Methyl acetate	0.0050	U *	0.0050	0.0043	mg/Kg			10/07/25 18:06	1
Methyl tert-butyl ether	0.0010	U *	0.0010	0.00051	mg/Kg			10/07/25 18:06	1
Methylcyclohexane	0.0010	U *	0.0010	0.00050	mg/Kg			10/07/25 18:06	1
Methylene Chloride	0.0020	U *	0.0020	0.0011	mg/Kg			10/07/25 18:06	1
m-Xylene & p-Xylene	0.0010	U	0.0010	0.00042	mg/Kg			10/07/25 18:06	1
n-Butylbenzene	0.0010	U	0.0010	0.00029	mg/Kg			10/07/25 18:06	1
N-Propylbenzene	0.0010	U	0.0010	0.00045	mg/Kg			10/07/25 18:06	1
o-Xylene	0.0010	U	0.0010	0.00046	mg/Kg			10/07/25 18:06	1
sec-Butylbenzene	0.0010	U	0.0010	0.00029	mg/Kg			10/07/25 18:06	1
Styrene	0.0010	U	0.0010	0.00028	mg/Kg			10/07/25 18:06	1
tert-Butylbenzene	0.0010	U	0.0010	0.00028	mg/Kg			10/07/25 18:06	1
Tetrachloroethene	0.0010	U	0.0010	0.00031	mg/Kg			10/07/25 18:06	1
Toluene	0.0010	U	0.0010	0.00023	mg/Kg			10/07/25 18:06	1
trans-1,2-Dichloroethene	0.0010	U *	0.0010	0.00025	mg/Kg			10/07/25 18:06	1
trans-1,3-Dichloropropene	0.0010	U	0.0010	0.00027	mg/Kg			10/07/25 18:06	1
Trichloroethene	0.0010	U *	0.0010	0.00032	mg/Kg			10/07/25 18:06	1
Trichlorofluoromethane	0.000587	J *	0.0010	0.00041	mg/Kg			10/07/25 18:06	1
Vinyl chloride	0.0010	U *	0.0010	0.00055	mg/Kg			10/07/25 18:06	1
Xylenes, Total	0.0020	U	0.0020	0.00017	mg/Kg			10/07/25 18:06	1

Method: 8260D - Volatile Organic Compounds by GC/MS (Continued)

Surrogate	MB %Recovery	MB Qualifier	Limits	Prepared	Analyzed	Dil Fac
1,2-Dichloroethane-d4 (Surr)	*114*	*	*65 - 138*		*10/07/25 18:06*	*1*
4-Bromofluorobenzene	*97*		*71 - 128*		*10/07/25 18:06*	*1*
Dibromofluoromethane (Surr)	*117*	*	*50 - 150*		*10/07/25 18:06*	*1*
Toluene-d8 (Surr)	*96*		*71 - 126*		*10/07/25 18:06*	*1*

Lab Sample ID: LCS 460-1066524/3
Matrix: Solid
Analysis Batch: 1066524

Client Sample ID: Lab Control Sample
Prep Type: Total/NA

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
1,1,1-Trichloroethane	0.0200	0.0174		mg/Kg		87	78 - 120
1,1,2,2-Tetrachloroethane	0.0200	0.0187		mg/Kg		93	70 - 133
1,1,2-Trichloro-1,2,2-trifluoroethane	0.0200	0.0173		mg/Kg		87	75 - 121
1,1,2-Trichloroethane	0.0200	0.0213		mg/Kg		107	80 - 120
1,1-Dichloroethane	0.0200	0.0176		mg/Kg		88	72 - 120
1,1-Dichloroethene	0.0200	0.0166		mg/Kg		83	76 - 120
1,2,3-Trichlorobenzene	0.0200	0.0188		mg/Kg		94	77 - 137
1,2,4-Trichlorobenzene	0.0200	0.0169		mg/Kg		85	77 - 136
1,2,4-Trimethylbenzene	0.0200	0.0172		mg/Kg		86	75 - 120
1,2-Dibromo-3-Chloropropane	0.0200	0.0180		mg/Kg		90	80 - 124
1,2-Dichlorobenzene	0.0200	0.0200		mg/Kg		100	80 - 120
1,2-Dichloroethane	0.0200	0.0198		mg/Kg		99	70 - 123
1,2-Dichloropropane	0.0200	0.0182		mg/Kg		91	73 - 124
1,3,5-Trimethylbenzene	0.0200	0.0172		mg/Kg		86	70 - 120
1,3-Dichlorobenzene	0.0200	0.0182		mg/Kg		91	80 - 120
1,4-Dichlorobenzene	0.0200	0.0187		mg/Kg		94	80 - 120
2-Butanone (MEK)	0.100	0.106		mg/Kg		106	64 - 128
2-Hexanone	0.100	0.112		mg/Kg		112	75 - 120
4-Methyl-2-pentanone (MIBK)	0.100	0.116		mg/Kg		116	80 - 120
Acetone	0.100	0.103		mg/Kg		103	58 - 122
Benzene	0.0200	0.0181		mg/Kg		91	75 - 120
Bromoform	0.0200	0.0200		mg/Kg		100	61 - 125
Bromomethane	0.0200	0.0143		mg/Kg		72	37 - 150
Carbon disulfide	0.0200	0.0169		mg/Kg		85	57 - 133
Carbon tetrachloride	0.0200	0.0166		mg/Kg		83	66 - 127
Chlorobenzene	0.0200	0.0190		mg/Kg		95	80 - 120
Chlorobromomethane	0.0200	0.0204		mg/Kg		102	76 - 127
Chlorodibromomethane	0.0200	0.0200		mg/Kg		100	72 - 120
Chloroethane	0.0200	0.0168		mg/Kg		84	60 - 123
Chloroform	0.0200	0.0176		mg/Kg		88	79 - 126
Chloromethane	0.0200	0.0176		mg/Kg		88	46 - 122
cis-1,2-Dichloroethene	0.0200	0.0188		mg/Kg		94	80 - 123
cis-1,3-Dichloropropene	0.0200	0.0178		mg/Kg		89	75 - 120
Cyclohexane	0.0200	0.0176		mg/Kg		88	65 - 132
Dichlorobromomethane	0.0200	0.0192		mg/Kg		96	77 - 124
Dichlorodifluoromethane	0.0200	0.0253		mg/Kg		126	45 - 129
Ethylbenzene	0.0200	0.0180		mg/Kg		90	80 - 120
Ethylene Dibromide	0.0200	0.0214		mg/Kg		107	79 - 120
Isopropylbenzene	0.0200	0.0174		mg/Kg		87	74 - 120
Methyl acetate	0.0400	0.0386		mg/Kg		96	57 - 120
Methyl tert-butyl ether	0.0200	0.0198		mg/Kg		99	74 - 125

Method: 8260D - Volatile Organic Compounds by GC/MS (Continued)

Lab Sample ID: LCS 460-1066524/3
Matrix: Solid
Analysis Batch: 1066524

Client Sample ID: Lab Control Sample
Prep Type: Total/NA

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
Methylcyclohexane	0.0200	0.0170		mg/Kg		85	66 - 125
Methylene Chloride	0.0200	0.0196		mg/Kg		98	78 - 120
m-Xylene & p-Xylene	0.0200	0.0182		mg/Kg		91	80 - 120
n-Butylbenzene	0.0200	0.0160		mg/Kg		80	72 - 120
N-Propylbenzene	0.0200	0.0170		mg/Kg		85	68 - 120
o-Xylene	0.0200	0.0187		mg/Kg		94	80 - 120
sec-Butylbenzene	0.0200	0.0164		mg/Kg		82	78 - 120
Styrene	0.0200	0.0182		mg/Kg		91	80 - 120
tert-Butylbenzene	0.0200	0.0167		mg/Kg		84	80 - 120
Tetrachloroethene	0.0200	0.0182		mg/Kg		91	73 - 120
Toluene	0.0200	0.0177		mg/Kg		89	80 - 120
trans-1,2-Dichloroethene	0.0200	0.0180		mg/Kg		90	78 - 120
trans-1,3-Dichloropropene	0.0200	0.0178		mg/Kg		89	77 - 120
Trichloroethene	0.0200	0.0188		mg/Kg		94	80 - 120
Trichlorofluoromethane	0.0200	0.0180		mg/Kg		90	61 - 130
Vinyl chloride	0.0200	0.0185		mg/Kg		92	54 - 122
Xylenes, Total	0.0400	0.0369		mg/Kg		92	80 - 120

Surrogate	*LCS %Recovery*	*LCS Qualifier*	*Limits*
1,2-Dichloroethane-d4 (Surr)	*98*		*65 - 138*
4-Bromofluorobenzene	*100*		*71 - 128*
Dibromofluoromethane (Surr)	*97*		*50 - 150*
Toluene-d8 (Surr)	*98*		*71 - 126*

Lab Sample ID: LCSD 460-1066524/4
Matrix: Solid
Analysis Batch: 1066524

Client Sample ID: Lab Control Sample Dup
Prep Type: Total/NA

Analyte	Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
1,1,1-Trichloroethane	0.0200	0.0191		mg/Kg		95	78 - 120	9	30
1,1,2,2-Tetrachloroethane	0.0200	0.0195		mg/Kg		98	70 - 133	4	30
1,1,2-Trichloro-1,2,2-trifluoroethane	0.0200	0.0199		mg/Kg		100	75 - 121	14	30
1,1,2-Trichloroethane	0.0200	0.0219		mg/Kg		109	80 - 120	3	30
1,1-Dichloroethane	0.0200	0.0185		mg/Kg		92	72 - 120	5	30
1,1-Dichloroethene	0.0200	0.0187		mg/Kg		94	76 - 120	12	30
1,2,3-Trichlorobenzene	0.0200	0.0189		mg/Kg		95	77 - 137	1	30
1,2,4-Trichlorobenzene	0.0200	0.0171		mg/Kg		86	77 - 136	1	30
1,2,4-Trimethylbenzene	0.0200	0.0182		mg/Kg		91	75 - 120	6	30
1,2-Dibromo-3-Chloropropane	0.0200	0.0182		mg/Kg		91	80 - 124	1	30
1,2-Dichlorobenzene	0.0200	0.0207		mg/Kg		103	80 - 120	3	30
1,2-Dichloroethane	0.0200	0.0201		mg/Kg		100	70 - 123	1	30
1,2-Dichloropropane	0.0200	0.0190		mg/Kg		95	73 - 124	4	30
1,3,5-Trimethylbenzene	0.0200	0.0183		mg/Kg		92	70 - 120	6	30
1,3-Dichlorobenzene	0.0200	0.0187		mg/Kg		93	80 - 120	2	30
1,4-Dichlorobenzene	0.0200	0.0190		mg/Kg		95	80 - 120	1	30
2-Butanone (MEK)	0.100	0.110		mg/Kg		110	64 - 128	4	30
2-Hexanone	0.100	0.114		mg/Kg		114	75 - 120	2	30
4-Methyl-2-pentanone (MIBK)	0.100	0.119		mg/Kg		119	80 - 120	3	30

Method: 8260D - Volatile Organic Compounds by GC/MS (Continued)

Lab Sample ID: LCSD 460-1066524/4
Matrix: Solid
Analysis Batch: 1066524

Client Sample ID: Lab Control Sample Dup
Prep Type: Total/NA

Analyte			Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Acetone			0.100	0.104		mg/Kg		104	58 - 122	1	30
Benzene			0.0200	0.0185		mg/Kg		93	75 - 120	2	30
Bromoform			0.0200	0.0197		mg/Kg		99	61 - 125	1	30
Bromomethane			0.0200	0.0154		mg/Kg		77	37 - 150	7	30
Carbon disulfide			0.0200	0.0184		mg/Kg		92	57 - 133	8	30
Carbon tetrachloride			0.0200	0.0186		mg/Kg		93	66 - 127	11	30
Chlorobenzene			0.0200	0.0193		mg/Kg		97	80 - 120	1	30
Chlorobromomethane			0.0200	0.0210		mg/Kg		105	76 - 127	3	30
Chlorodibromomethane			0.0200	0.0203		mg/Kg		101	72 - 120	2	30
Chloroethane			0.0200	0.0186		mg/Kg		93	60 - 123	10	30
Chloroform			0.0200	0.0189		mg/Kg		95	79 - 126	7	30
Chloromethane			0.0200	0.0189		mg/Kg		95	46 - 122	7	30
cis-1,2-Dichloroethene			0.0200	0.0198		mg/Kg		99	80 - 123	5	30
cis-1,3-Dichloropropene			0.0200	0.0180		mg/Kg		90	75 - 120	1	30
Cyclohexane			0.0200	0.0202		mg/Kg		101	65 - 132	14	30
Dichlorobromomethane			0.0200	0.0194		mg/Kg		97	77 - 124	1	30
Dichlorodifluoromethane			0.0200	0.0292	*	mg/Kg		146	45 - 129	14	30
Ethylbenzene			0.0200	0.0192		mg/Kg		96	80 - 120	6	30
Ethylene Dibromide			0.0200	0.0215		mg/Kg		108	79 - 120	0	30
Isopropylbenzene			0.0200	0.0188		mg/Kg		94	74 - 120	7	30
Methyl acetate			0.0400	0.0383		mg/Kg		96	57 - 120	1	30
Methyl tert-butyl ether			0.0200	0.0202		mg/Kg		101	74 - 125	2	30
Methylcyclohexane			0.0200	0.0194		mg/Kg		97	66 - 125	13	30
Methylene Chloride			0.0200	0.0202		mg/Kg		101	78 - 120	3	30
m-Xylene & p-Xylene			0.0200	0.0190		mg/Kg		95	80 - 120	4	30
n-Butylbenzene			0.0200	0.0171		mg/Kg		86	72 - 120	7	30
N-Propylbenzene			0.0200	0.0186		mg/Kg		93	68 - 120	9	30
o-Xylene			0.0200	0.0196		mg/Kg		98	80 - 120	5	30
sec-Butylbenzene			0.0200	0.0182		mg/Kg		91	78 - 120	10	30
Styrene			0.0200	0.0188		mg/Kg		94	80 - 120	3	30
tert-Butylbenzene			0.0200	0.0184		mg/Kg		92	80 - 120	9	30
Tetrachloroethene			0.0200	0.0195		mg/Kg		97	73 - 120	7	30
Toluene			0.0200	0.0187		mg/Kg		93	80 - 120	5	30
trans-1,2-Dichloroethene			0.0200	0.0193		mg/Kg		97	78 - 120	7	30
trans-1,3-Dichloropropene			0.0200	0.0176		mg/Kg		88	77 - 120	1	30
Trichloroethene			0.0200	0.0200		mg/Kg		100	80 - 120	6	30
Trichlorofluoromethane			0.0200	0.0207		mg/Kg		104	61 - 130	14	30
Vinyl chloride			0.0200	0.0207		mg/Kg		103	54 - 122	11	30
Xylenes, Total			0.0400	0.0386		mg/Kg		97	80 - 120	4	30

Surrogate	*LCSD %Recovery*	*LCSD Qualifier*	*Limits*
1,2-Dichloroethane-d4 (Surr)	*99*		*65 - 138*
4-Bromofluorobenzene	*101*		*71 - 128*
Dibromofluoromethane (Surr)	*98*		*50 - 150*
Toluene-d8 (Surr)	*97*		*71 - 126*

Method: 8260D - Volatile Organic Compounds by GC/MS (Continued)

Lab Sample ID: MB 460-1067457/36
Matrix: Solid
Analysis Batch: 1067457

Client Sample ID: Method Blank
Prep Type: Total/NA

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1-Trichloroethane	0.050	U	0.050	0.014	mg/Kg			10/10/25 18:32	50
1,1,2,2-Tetrachloroethane	0.050	U	0.050	0.0099	mg/Kg			10/10/25 18:32	50
1,1,2-Trichloro-1,2,2-trifluoroethane	0.050	U	0.050	0.017	mg/Kg			10/10/25 18:32	50
1,1,2-Trichloroethane	0.050	U	0.050	0.010	mg/Kg			10/10/25 18:32	50
1,1-Dichloroethane	0.050	U	0.050	0.012	mg/Kg			10/10/25 18:32	50
1,1-Dichloroethene	0.050	U	0.050	0.013	mg/Kg			10/10/25 18:32	50
1,2,3-Trichlorobenzene	0.050	U	0.050	0.018	mg/Kg			10/10/25 18:32	50
1,2,4-Trichlorobenzene	0.050	U	0.050	0.014	mg/Kg			10/10/25 18:32	50
1,2,4-Trimethylbenzene	0.050	U	0.050	0.012	mg/Kg			10/10/25 18:32	50
1,2-Dibromo-3-Chloropropane	0.050	U	0.050	0.011	mg/Kg			10/10/25 18:32	50
1,2-Dichlorobenzene	0.050	U	0.050	0.011	mg/Kg			10/10/25 18:32	50
1,2-Dichloroethane	0.050	U	0.050	0.013	mg/Kg			10/10/25 18:32	50
1,2-Dichloropropane	0.050	U	0.050	0.0090	mg/Kg			10/10/25 18:32	50
1,3,5-Trimethylbenzene	0.050	U	0.050	0.013	mg/Kg			10/10/25 18:32	50
1,3-Dichlorobenzene	0.050	U	0.050	0.017	mg/Kg			10/10/25 18:32	50
1,4-Dichlorobenzene	0.050	U	0.050	0.017	mg/Kg			10/10/25 18:32	50
2-Butanone (MEK)	0.25	U	0.25	0.11	mg/Kg			10/10/25 18:32	50
2-Hexanone	0.25	U	0.25	0.057	mg/Kg			10/10/25 18:32	50
4-Methyl-2-pentanone (MIBK)	0.25	U	0.25	0.065	mg/Kg			10/10/25 18:32	50
Acetone	0.25	U	0.25	0.22	mg/Kg			10/10/25 18:32	50
Benzene	0.050	U	0.050	0.010	mg/Kg			10/10/25 18:32	50
Bromoform	0.050	U	0.050	0.0090	mg/Kg			10/10/25 18:32	50
Bromomethane	0.050	U	0.050	0.028	mg/Kg			10/10/25 18:32	50
Carbon disulfide	0.050	U	0.050	0.034	mg/Kg			10/10/25 18:32	50
Carbon tetrachloride	0.050	U	0.050	0.017	mg/Kg			10/10/25 18:32	50
Chlorobenzene	0.050	U	0.050	0.012	mg/Kg			10/10/25 18:32	50
Chlorobromomethane	0.050	U	0.050	0.015	mg/Kg			10/10/25 18:32	50
Chlorodibromomethane	0.050	U	0.050	0.011	mg/Kg			10/10/25 18:32	50
Chloroethane	0.050	U	0.050	0.019	mg/Kg			10/10/25 18:32	50
Chloroform	0.050	U	0.050	0.011	mg/Kg			10/10/25 18:32	50
Chloromethane	0.050	U	0.050	0.020	mg/Kg			10/10/25 18:32	50
cis-1,2-Dichloroethene	0.050	U	0.050	0.013	mg/Kg			10/10/25 18:32	50
cis-1,3-Dichloropropene	0.050	U	0.050	0.011	mg/Kg			10/10/25 18:32	50
Cyclohexane	0.050	U	0.050	0.013	mg/Kg			10/10/25 18:32	50
Dichlorobromomethane	0.050	U	0.050	0.0075	mg/Kg			10/10/25 18:32	50
Dichlorodifluoromethane	0.050	U	0.050	0.016	mg/Kg			10/10/25 18:32	50
Ethylbenzene	0.050	U	0.050	0.015	mg/Kg			10/10/25 18:32	50
Ethylene Dibromide	0.050	U	0.050	0.0095	mg/Kg			10/10/25 18:32	50
Isopropylbenzene	0.050	U	0.050	0.016	mg/Kg			10/10/25 18:32	50
Methyl acetate	0.25	U	0.25	0.039	mg/Kg			10/10/25 18:32	50
Methyl tert-butyl ether	0.050	U	0.050	0.011	mg/Kg			10/10/25 18:32	50
Methylcyclohexane	0.050	U	0.050	0.036	mg/Kg			10/10/25 18:32	50
Methylene Chloride	0.050	U	0.050	0.011	mg/Kg			10/10/25 18:32	50
m-Xylene & p-Xylene	0.050	U	0.050	0.014	mg/Kg			10/10/25 18:32	50
n-Butylbenzene	0.050	U	0.050	0.014	mg/Kg			10/10/25 18:32	50
N-Propylbenzene	0.050	U	0.050	0.015	mg/Kg			10/10/25 18:32	50
o-Xylene	0.050	U	0.050	0.016	mg/Kg			10/10/25 18:32	50
sec-Butylbenzene	0.050	U	0.050	0.016	mg/Kg			10/10/25 18:32	50

Method: 8260D - Volatile Organic Compounds by GC/MS (Continued)

Lab Sample ID: MB 460-1067457/36
Matrix: Solid
Analysis Batch: 1067457

Client Sample ID: Method Blank
Prep Type: Total/NA

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Styrene	0.050	U	0.050	0.0085	mg/Kg			10/10/25 18:32	50
tert-Butylbenzene	0.050	U	0.050	0.014	mg/Kg			10/10/25 18:32	50
Tetrachloroethene	0.050	U	0.050	0.018	mg/Kg			10/10/25 18:32	50
Toluene	0.050	U	0.050	0.013	mg/Kg			10/10/25 18:32	50
trans-1,2-Dichloroethene	0.050	U	0.050	0.0090	mg/Kg			10/10/25 18:32	50
trans-1,3-Dichloropropene	0.050	U	0.050	0.011	mg/Kg			10/10/25 18:32	50
Trichloroethene	0.050	U	0.050	0.011	mg/Kg			10/10/25 18:32	50
Trichlorofluoromethane	0.050	U	0.050	0.016	mg/Kg			10/10/25 18:32	50
Vinyl chloride	0.050	U	0.050	0.010	mg/Kg			10/10/25 18:32	50
Xylenes, Total	0.10	U	0.10	0.014	mg/Kg			10/10/25 18:32	50

Surrogate	*MB %Recovery*	*MB Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,2-Dichloroethane-d4 (Surr)	*98*		*60 - 150*		*10/10/25 18:32*	*50*
4-Bromofluorobenzene	*99*		*70 - 150*		*10/10/25 18:32*	*50*
Dibromofluoromethane (Surr)	*95*		*68 - 150*		*10/10/25 18:32*	*50*
Toluene-d8 (Surr)	*99*		*64 - 157*		*10/10/25 18:32*	*50*

Lab Sample ID: LCS 460-1067457/34
Matrix: Solid
Analysis Batch: 1067457

Client Sample ID: Lab Control Sample
Prep Type: Total/NA

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
1,1,1-Trichloroethane	1.00	0.817		mg/Kg		82	76 - 120
1,1,2,2-Tetrachloroethane	1.00	0.857		mg/Kg		86	72 - 120
1,1,2-Trichloro-1,2,2-trifluoroethane	1.00	1.03		mg/Kg		103	79 - 120
1,1,2-Trichloroethane	1.00	0.871		mg/Kg		87	80 - 120
1,1-Dichloroethane	1.00	0.856		mg/Kg		86	70 - 120
1,1-Dichloroethene	1.00	0.833		mg/Kg		83	69 - 120
1,2,3-Trichlorobenzene	1.00	0.990		mg/Kg		99	80 - 137
1,2,4-Trichlorobenzene	1.00	1.01		mg/Kg		101	80 - 134
1,2,4-Trimethylbenzene	1.00	0.863		mg/Kg		86	75 - 120
1,2-Dibromo-3-Chloropropane	1.00	0.864		mg/Kg		86	68 - 134
1,2-Dichlorobenzene	1.00	0.891		mg/Kg		89	80 - 120
1,2-Dichloroethane	1.00	0.837		mg/Kg		84	72 - 124
1,2-Dichloropropane	1.00	0.808		mg/Kg		81	74 - 120
1,3,5-Trimethylbenzene	1.00	0.841		mg/Kg		84	71 - 120
1,3-Dichlorobenzene	1.00	0.876		mg/Kg		88	80 - 120
1,4-Dichlorobenzene	1.00	0.838		mg/Kg		84	80 - 120
2-Butanone (MEK)	5.00	4.69		mg/Kg		94	64 - 121
2-Hexanone	5.00	6.63	*	mg/Kg		133	70 - 120
4-Methyl-2-pentanone (MIBK)	5.00	5.78		mg/Kg		116	64 - 127
Acetone	5.00	5.25		mg/Kg		105	52 - 127
Benzene	1.00	0.854		mg/Kg		85	75 - 120
Bromoform	1.00	0.848		mg/Kg		85	68 - 122
Bromomethane	1.00	0.828		mg/Kg		83	16 - 125
Carbon disulfide	1.00	0.746		mg/Kg		75	59 - 127
Carbon tetrachloride	1.00	0.820		mg/Kg		82	77 - 120
Chlorobenzene	1.00	0.836		mg/Kg		84	80 - 120

Method: 8260D - Volatile Organic Compounds by GC/MS (Continued)

Lab Sample ID: LCS 460-1067457/34
Matrix: Solid
Analysis Batch: 1067457

Client Sample ID: Lab Control Sample
Prep Type: Total/NA

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
Chlorobromomethane	1.00	0.872		mg/Kg		87	77 - 120
Chlorodibromomethane	1.00	0.850		mg/Kg		85	80 - 120
Chloroethane	1.00	0.814		mg/Kg		81	61 - 140
Chloroform	1.00	0.888		mg/Kg		89	73 - 120
Chloromethane	1.00	0.801		mg/Kg		80	42 - 136
cis-1,2-Dichloroethene	1.00	0.833		mg/Kg		83	73 - 120
cis-1,3-Dichloropropene	1.00	0.918		mg/Kg		92	79 - 120
Cyclohexane	1.00	0.898		mg/Kg		90	76 - 125
Dichlorobromomethane	1.00	0.852		mg/Kg		85	77 - 120
Dichlorodifluoromethane	1.00	0.877		mg/Kg		88	39 - 140
Ethylbenzene	1.00	0.874		mg/Kg		87	80 - 121
Ethylene Dibromide	1.00	0.893		mg/Kg		89	80 - 120
Isopropylbenzene	1.00	0.905		mg/Kg		91	74 - 125
Methyl acetate	2.00	2.51		mg/Kg		125	40 - 130
Methyl tert-butyl ether	1.00	0.858		mg/Kg		86	77 - 125
Methylcyclohexane	1.00	0.884		mg/Kg		88	75 - 127
Methylene Chloride	1.00	0.896		mg/Kg		90	73 - 120
m-Xylene & p-Xylene	1.00	0.838		mg/Kg		84	79 - 120
n-Butylbenzene	1.00	0.940		mg/Kg		94	68 - 120
N-Propylbenzene	1.00	0.859		mg/Kg		86	68 - 120
o-Xylene	1.00	0.866		mg/Kg		87	80 - 123
sec-Butylbenzene	1.00	0.882		mg/Kg		88	77 - 126
Styrene	1.00	0.852		mg/Kg		85	80 - 124
tert-Butylbenzene	1.00	0.589	*	mg/Kg		59	80 - 120
Tetrachloroethene	1.00	0.792		mg/Kg		79	78 - 120
Toluene	1.00	0.848		mg/Kg		85	80 - 120
trans-1,2-Dichloroethene	1.00	0.839		mg/Kg		84	70 - 120
trans-1,3-Dichloropropene	1.00	0.913		mg/Kg		91	73 - 120
Trichloroethene	1.00	0.813		mg/Kg		81	77 - 120
Trichlorofluoromethane	1.00	0.920		mg/Kg		92	61 - 143
Vinyl chloride	1.00	0.832		mg/Kg		83	50 - 131
Xylenes, Total	2.00	1.70		mg/Kg		85	80 - 120

Surrogate	*LCS %Recovery*	*LCS Qualifier*	*Limits*
1,2-Dichloroethane-d4 (Surr)	*94*		*60 - 150*
4-Bromofluorobenzene	*98*		*70 - 150*
Dibromofluoromethane (Surr)	*94*		*68 - 150*
Toluene-d8 (Surr)	*94*		*64 - 157*

Lab Sample ID: LCSD 460-1067457/35
Matrix: Solid
Analysis Batch: 1067457

Client Sample ID: Lab Control Sample Dup
Prep Type: Total/NA

Analyte	Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
1,1,1-Trichloroethane	1.00	0.896		mg/Kg		90	76 - 120	9	30
1,1,2,2-Tetrachloroethane	1.00	0.849		mg/Kg		85	72 - 120	1	30
1,1,2-Trichloro-1,2,2-trifluoroethane	1.00	1.11		mg/Kg		111	79 - 120	8	30
1,1,2-Trichloroethane	1.00	0.852		mg/Kg		85	80 - 120	2	30

Method: 8260D - Volatile Organic Compounds by GC/MS (Continued)

Lab Sample ID: LCSD 460-1067457/35
Matrix: Solid
Analysis Batch: 1067457

Client Sample ID: Lab Control Sample Dup
Prep Type: Total/NA

Analyte	Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
1,1-Dichloroethane	1.00	0.876		mg/Kg		88	70 - 120	2	30
1,1-Dichloroethene	1.00	0.923		mg/Kg		92	69 - 120	10	30
1,2,3-Trichlorobenzene	1.00	1.01		mg/Kg		101	80 - 137	2	30
1,2,4-Trichlorobenzene	1.00	1.02		mg/Kg		102	80 - 134	1	30
1,2,4-Trimethylbenzene	1.00	0.934		mg/Kg		93	75 - 120	8	30
1,2-Dibromo-3-Chloropropane	1.00	0.887		mg/Kg		89	68 - 134	3	30
1,2-Dichlorobenzene	1.00	0.897		mg/Kg		90	80 - 120	1	30
1,2-Dichloroethane	1.00	0.815		mg/Kg		81	72 - 124	3	30
1,2-Dichloropropane	1.00	0.832		mg/Kg		83	74 - 120	3	30
1,3,5-Trimethylbenzene	1.00	0.905		mg/Kg		90	71 - 120	7	30
1,3-Dichlorobenzene	1.00	0.876		mg/Kg		88	80 - 120	0	30
1,4-Dichlorobenzene	1.00	0.847		mg/Kg		85	80 - 120	1	30
2-Butanone (MEK)	5.00	4.75		mg/Kg		95	64 - 121	1	30
2-Hexanone	5.00	6.79	*	mg/Kg		136	70 - 120	2	30
4-Methyl-2-pentanone (MIBK)	5.00	5.48		mg/Kg		110	64 - 127	5	30
Acetone	5.00	5.42		mg/Kg		108	52 - 127	3	30
Benzene	1.00	0.898		mg/Kg		90	75 - 120	5	30
Bromoform	1.00	0.819		mg/Kg		82	68 - 122	3	30
Bromomethane	1.00	0.851		mg/Kg		85	16 - 125	3	30
Carbon disulfide	1.00	0.838		mg/Kg		84	59 - 127	12	30
Carbon tetrachloride	1.00	0.884		mg/Kg		88	77 - 120	7	30
Chlorobenzene	1.00	0.843		mg/Kg		84	80 - 120	1	30
Chlorobromomethane	1.00	0.858		mg/Kg		86	77 - 120	2	30
Chlorodibromomethane	1.00	0.831		mg/Kg		83	80 - 120	2	30
Chloroethane	1.00	0.823		mg/Kg		82	61 - 140	1	30
Chloroform	1.00	0.898		mg/Kg		90	73 - 120	1	30
Chloromethane	1.00	0.854		mg/Kg		85	42 - 136	6	30
cis-1,2-Dichloroethene	1.00	0.893		mg/Kg		89	73 - 120	7	30
cis-1,3-Dichloropropene	1.00	0.875		mg/Kg		87	79 - 120	5	30
Cyclohexane	1.00	0.941		mg/Kg		94	76 - 125	5	30
Dichlorobromomethane	1.00	0.891		mg/Kg		89	77 - 120	5	30
Dichlorodifluoromethane	1.00	0.967		mg/Kg		97	39 - 140	10	30
Ethylbenzene	1.00	0.906		mg/Kg		91	80 - 121	4	30
Ethylene Dibromide	1.00	0.840		mg/Kg		84	80 - 120	6	30
Isopropylbenzene	1.00	0.973		mg/Kg		97	74 - 125	7	30
Methyl acetate	2.00	2.36		mg/Kg		118	40 - 130	6	30
Methyl tert-butyl ether	1.00	0.898		mg/Kg		90	77 - 125	5	30
Methylcyclohexane	1.00	0.977		mg/Kg		98	75 - 127	10	30
Methylene Chloride	1.00	0.910		mg/Kg		91	73 - 120	2	30
m-Xylene & p-Xylene	1.00	0.882		mg/Kg		88	79 - 120	5	30
n-Butylbenzene	1.00	0.973		mg/Kg		97	68 - 120	3	30
N-Propylbenzene	1.00	0.915		mg/Kg		92	68 - 120	6	30
o-Xylene	1.00	0.911		mg/Kg		91	80 - 123	5	30
sec-Butylbenzene	1.00	0.909		mg/Kg		91	77 - 126	3	30
Styrene	1.00	0.889		mg/Kg		89	80 - 124	4	30
tert-Butylbenzene	1.00	0.574	*	mg/Kg		57	80 - 120	3	30
Tetrachloroethene	1.00	0.831		mg/Kg		83	78 - 120	5	30
Toluene	1.00	0.874		mg/Kg		87	80 - 120	3	30
trans-1,2-Dichloroethene	1.00	0.898		mg/Kg		90	70 - 120	7	30

Method: 8260D - Volatile Organic Compounds by GC/MS (Continued)

Lab Sample ID: LCSD 460-1067457/35
Matrix: Solid
Analysis Batch: 1067457

Client Sample ID: Lab Control Sample Dup
Prep Type: Total/NA

Analyte			Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
trans-1,3-Dichloropropene			1.00	0.814		mg/Kg		81	73 - 120	11	30
Trichloroethene			1.00	0.859		mg/Kg		86	77 - 120	5	30
Trichlorofluoromethane			1.00	0.986		mg/Kg		99	61 - 143	7	30
Vinyl chloride			1.00	0.905		mg/Kg		91	50 - 131	8	30
Xylenes, Total			2.00	1.79		mg/Kg		90	80 - 120	5	30

Surrogate	*LCSD %Recovery*	*LCSD Qualifier*	*Limits*
1,2-Dichloroethane-d4 (Surr)	*97*		*60 - 150*
4-Bromofluorobenzene	*105*		*70 - 150*
Dibromofluoromethane (Surr)	*106*		*68 - 150*
Toluene-d8 (Surr)	*106*		*64 - 157*

Method: 8270E - Semivolatile Organic Compounds (GC/MS)

Lab Sample ID: MB 460-1065439/1-A
Matrix: Solid
Analysis Batch: 1065761

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 1065439

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1'-Biphenyl	0.33	U	0.33	0.012	mg/Kg		10/02/25 18:11	10/03/25 21:05	1
1,2,4,5-Tetrachlorobenzene	0.33	U	0.33	0.010	mg/Kg		10/02/25 18:11	10/03/25 21:05	1
1,4-Dioxane	0.033	U	0.033	0.029	mg/Kg		10/02/25 18:11	10/03/25 21:05	1
2,2'-oxybis[1-chloropropane]	0.33	U	0.33	0.020	mg/Kg		10/02/25 18:11	10/03/25 21:05	1
2,3,4,6-Tetrachlorophenol	0.33	U	0.33	0.022	mg/Kg		10/02/25 18:11	10/03/25 21:05	1
2,4,5-Trichlorophenol	0.33	U	0.33	0.034	mg/Kg		10/02/25 18:11	10/03/25 21:05	1
2,4,6-Trichlorophenol	0.13	U	0.13	0.042	mg/Kg		10/02/25 18:11	10/03/25 21:05	1
2,4-Dichlorophenol	0.13	U	0.13	0.021	mg/Kg		10/02/25 18:11	10/03/25 21:05	1
2,4-Dimethylphenol	0.33	U	0.33	0.039	mg/Kg		10/02/25 18:11	10/03/25 21:05	1
2,4-Dinitrophenol	0.27	U	0.27	0.16	mg/Kg		10/02/25 18:11	10/03/25 21:05	1
2,4-Dinitrotoluene	0.067	U	0.067	0.036	mg/Kg		10/02/25 18:11	10/03/25 21:05	1
2,6-Dinitrotoluene	0.067	U	0.067	0.024	mg/Kg		10/02/25 18:11	10/03/25 21:05	1
2-Chloronaphthalene	0.33	U	0.33	0.043	mg/Kg		10/02/25 18:11	10/03/25 21:05	1
2-Chlorophenol	0.33	U	0.33	0.012	mg/Kg		10/02/25 18:11	10/03/25 21:05	1
2-Methylnaphthalene	0.33	U	0.33	0.0093	mg/Kg		10/02/25 18:11	10/03/25 21:05	1
2-Methylphenol	0.33	U	0.33	0.012	mg/Kg		10/02/25 18:11	10/03/25 21:05	1
2-Nitroaniline	0.33	U	0.33	0.025	mg/Kg		10/02/25 18:11	10/03/25 21:05	1
2-Nitrophenol	0.33	U	0.33	0.033	mg/Kg		10/02/25 18:11	10/03/25 21:05	1
3 & 4 Methylphenol	0.33	U	0.33	0.021	mg/Kg		10/02/25 18:11	10/03/25 21:05	1
3,3'-Dichlorobenzidine	0.13	U	0.13	0.050	mg/Kg		10/02/25 18:11	10/03/25 21:05	1
3-Nitroaniline	0.33	U	0.33	0.079	mg/Kg		10/02/25 18:11	10/03/25 21:05	1
4,6-Dinitro-2-methylphenol	0.27	U	0.27	0.14	mg/Kg		10/02/25 18:11	10/03/25 21:05	1
4-Bromophenyl phenyl ether	0.33	U	0.33	0.013	mg/Kg		10/02/25 18:11	10/03/25 21:05	1
4-Chloro-3-methylphenol	0.33	U	0.33	0.019	mg/Kg		10/02/25 18:11	10/03/25 21:05	1
4-Chloroaniline	0.33	U	0.33	0.059	mg/Kg		10/02/25 18:11	10/03/25 21:05	1
4-Chlorophenyl phenyl ether	0.33	U	0.33	0.012	mg/Kg		10/02/25 18:11	10/03/25 21:05	1
4-Methylphenol	0.33	U	0.33	0.021	mg/Kg		10/02/25 18:11	10/03/25 21:05	1
4-Nitroaniline	0.33	U	0.33	0.084	mg/Kg		10/02/25 18:11	10/03/25 21:05	1
4-Nitrophenol	0.67	U	0.67	0.054	mg/Kg		10/02/25 18:11	10/03/25 21:05	1
Acenaphthene	0.33	U	0.33	0.0094	mg/Kg		10/02/25 18:11	10/03/25 21:05	1

Method: 8270E - Semivolatile Organic Compounds (GC/MS) (Continued)

Lab Sample ID: MB 460-1065439/1-A
Matrix: Solid
Analysis Batch: 1065761

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 1065439

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Acenaphthylene	0.33	U	0.33	0.0095	mg/Kg		10/02/25 18:11	10/03/25 21:05	1
Acetophenone	0.33	U	0.33	0.016	mg/Kg		10/02/25 18:11	10/03/25 21:05	1
Anthracene	0.33	U	0.33	0.010	mg/Kg		10/02/25 18:11	10/03/25 21:05	1
Atrazine	0.13	U	0.13	0.019	mg/Kg		10/02/25 18:11	10/03/25 21:05	1
Benzaldehyde	0.33	U	0.33	0.055	mg/Kg		10/02/25 18:11	10/03/25 21:05	1
Benzo[a]anthracene	0.033	U	0.033	0.025	mg/Kg		10/02/25 18:11	10/03/25 21:05	1
Benzo[a]pyrene	0.033	U	0.033	0.0088	mg/Kg		10/02/25 18:11	10/03/25 21:05	1
Benzo[b]fluoranthene	0.033	U	0.033	0.0086	mg/Kg		10/02/25 18:11	10/03/25 21:05	1
Benzo[g,h,i]perylene	0.33	U	0.33	0.0098	mg/Kg		10/02/25 18:11	10/03/25 21:05	1
Benzo[k]fluoranthene	0.033	U	0.033	0.0065	mg/Kg		10/02/25 18:11	10/03/25 21:05	1
Bis(2-chloroethoxy)methane	0.33	U	0.33	0.061	mg/Kg		10/02/25 18:11	10/03/25 21:05	1
Bis(2-chloroethyl)ether	0.033	U	0.033	0.012	mg/Kg		10/02/25 18:11	10/03/25 21:05	1
Bis(2-ethylhexyl) phthalate	0.33	U	0.33	0.017	mg/Kg		10/02/25 18:11	10/03/25 21:05	1
Butyl benzyl phthalate	0.33	U	0.33	0.016	mg/Kg		10/02/25 18:11	10/03/25 21:05	1
Caprolactam	0.33	U	0.33	0.051	mg/Kg		10/02/25 18:11	10/03/25 21:05	1
Carbazole	0.33	U	0.33	0.013	mg/Kg		10/02/25 18:11	10/03/25 21:05	1
Chrysene	0.33	U	0.33	0.014	mg/Kg		10/02/25 18:11	10/03/25 21:05	1
Dibenz(a,h)anthracene	0.033	U	0.033	0.014	mg/Kg		10/02/25 18:11	10/03/25 21:05	1
Dibenzofuran	0.33	U	0.33	0.011	mg/Kg		10/02/25 18:11	10/03/25 21:05	1
Diethyl phthalate	0.33	U	0.33	0.011	mg/Kg		10/02/25 18:11	10/03/25 21:05	1
Dimethyl phthalate	0.33	U	0.33	0.075	mg/Kg		10/02/25 18:11	10/03/25 21:05	1
Di-n-butyl phthalate	0.33	U	0.33	0.012	mg/Kg		10/02/25 18:11	10/03/25 21:05	1
Di-n-octyl phthalate	0.33	U	0.33	0.018	mg/Kg		10/02/25 18:11	10/03/25 21:05	1
Fluoranthene	0.33	U	0.33	0.012	mg/Kg		10/02/25 18:11	10/03/25 21:05	1
Fluorene	0.33	U	0.33	0.0097	mg/Kg		10/02/25 18:11	10/03/25 21:05	1
Hexachlorobenzene	0.033	U	0.033	0.016	mg/Kg		10/02/25 18:11	10/03/25 21:05	1
Hexachlorobutadiene	0.067	U	0.067	0.0070	mg/Kg		10/02/25 18:11	10/03/25 21:05	1
Hexachlorocyclopentadiene	0.33	U	0.33	0.029	mg/Kg		10/02/25 18:11	10/03/25 21:05	1
Hexachloroethane	0.033	U	0.033	0.011	mg/Kg		10/02/25 18:11	10/03/25 21:05	1
Indeno[1,2,3-cd]pyrene	0.033	U	0.033	0.013	mg/Kg		10/02/25 18:11	10/03/25 21:05	1
Isophorone	0.13	U	0.13	0.096	mg/Kg		10/02/25 18:11	10/03/25 21:05	1
Naphthalene	0.33	U	0.33	0.0057	mg/Kg		10/02/25 18:11	10/03/25 21:05	1
Nitrobenzene	0.033	U	0.033	0.018	mg/Kg		10/02/25 18:11	10/03/25 21:05	1
N-Nitrosodi-n-propylamine	0.033	U	0.033	0.024	mg/Kg		10/02/25 18:11	10/03/25 21:05	1
N-Nitrosodiphenylamine	0.33	U	0.33	0.027	mg/Kg		10/02/25 18:11	10/03/25 21:05	1
Pentachlorophenol	0.27	U	0.27	0.068	mg/Kg		10/02/25 18:11	10/03/25 21:05	1
Phenanthrene	0.33	U	0.33	0.014	mg/Kg		10/02/25 18:11	10/03/25 21:05	1
Phenol	0.33	U	0.33	0.012	mg/Kg		10/02/25 18:11	10/03/25 21:05	1
Pyrene	0.33	U	0.33	0.0082	mg/Kg		10/02/25 18:11	10/03/25 21:05	1

Surrogate	*MB %Recovery*	*MB Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
2,4,6-Tribromophenol (Surr)	*63*		*18 - 137*	*10/02/25 18:11*	*10/03/25 21:05*	*1*
2-Fluorobiphenyl	*66*		*33 - 117*	*10/02/25 18:11*	*10/03/25 21:05*	*1*
2-Fluorophenol (Surr)	*66*		*24 - 120*	*10/02/25 18:11*	*10/03/25 21:05*	*1*
Nitrobenzene-d5 (Surr)	*70*		*27 - 120*	*10/02/25 18:11*	*10/03/25 21:05*	*1*
Phenol-d5 (Surr)	*68*		*28 - 118*	*10/02/25 18:11*	*10/03/25 21:05*	*1*
Terphenyl-d14 (Surr)	*73*		*33 - 124*	*10/02/25 18:11*	*10/03/25 21:05*	*1*

Method: 8270E - Semivolatile Organic Compounds (GC/MS) (Continued)

Lab Sample ID: LCS 460-1065439/2-A
Matrix: Solid
Analysis Batch: 1065761

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 1065439

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
1,1'-Biphenyl	3.33	2.62		mg/Kg		79	64 - 120
1,2,4,5-Tetrachlorobenzene	3.33	2.62		mg/Kg		79	60 - 120
1,4-Dioxane	3.33	2.71		mg/Kg		81	31 - 105
2,2'-oxybis[1-chloropropane]	3.33	2.80		mg/Kg		84	50 - 126
2,3,4,6-Tetrachlorophenol	3.33	2.56		mg/Kg		77	62 - 120
2,4,5-Trichlorophenol	3.33	2.68		mg/Kg		80	64 - 120
2,4,6-Trichlorophenol	3.33	2.54		mg/Kg		76	65 - 120
2,4-Dichlorophenol	3.33	2.81		mg/Kg		84	66 - 120
2,4-Dimethylphenol	3.33	2.82		mg/Kg		85	75 - 136
2,4-Dinitrophenol	6.67	5.38		mg/Kg		81	41 - 120
2,4-Dinitrotoluene	3.33	2.96		mg/Kg		89	65 - 124
2,6-Dinitrotoluene	3.33	2.99		mg/Kg		90	67 - 121
2-Chloronaphthalene	3.33	2.64		mg/Kg		79	64 - 120
2-Chlorophenol	3.33	2.80		mg/Kg		84	63 - 120
2-Methylnaphthalene	3.33	2.82		mg/Kg		85	56 - 102
2-Methylphenol	3.33	2.63		mg/Kg		79	63 - 120
2-Nitroaniline	3.33	2.70		mg/Kg		81	52 - 120
2-Nitrophenol	3.33	3.04		mg/Kg		91	64 - 120
3 & 4 Methylphenol	3.33	2.69		mg/Kg		81	61 - 120
3,3'-Dichlorobenzidine	3.33	2.18		mg/Kg		66	10 - 106
3-Nitroaniline	3.33	2.42		mg/Kg		73	18 - 105
4,6-Dinitro-2-methylphenol	6.67	5.75		mg/Kg		86	61 - 127
4-Bromophenyl phenyl ether	3.33	2.79		mg/Kg		84	64 - 120
4-Chloro-3-methylphenol	3.33	2.78		mg/Kg		83	68 - 120
4-Chloroaniline	3.33	2.28		mg/Kg		68	10 - 107
4-Chlorophenyl phenyl ether	3.33	2.64		mg/Kg		79	62 - 120
4-Methylphenol	3.33	2.69		mg/Kg		81	61 - 120
4-Nitroaniline	3.33	2.35		mg/Kg		71	51 - 112
4-Nitrophenol	6.67	4.56		mg/Kg		68	52 - 122
Acenaphthene	3.33	2.53		mg/Kg		76	65 - 120
Acenaphthylene	3.33	2.68		mg/Kg		81	68 - 120
Acetophenone	3.33	2.68		mg/Kg		80	61 - 111
Anthracene	3.33	2.75		mg/Kg		83	67 - 120
Atrazine	1.33	1.83		mg/Kg		138	52 - 150
Benzaldehyde	1.33	1.53		mg/Kg		115	45 - 150
Benzo[a]anthracene	3.33	2.76		mg/Kg		83	66 - 120
Benzo[a]pyrene	3.33	2.80		mg/Kg		84	69 - 123
Benzo[b]fluoranthene	3.33	2.79		mg/Kg		84	66 - 125
Benzo[g,h,i]perylene	3.33	2.85		mg/Kg		85	66 - 138
Benzo[k]fluoranthene	3.33	2.73		mg/Kg		82	67 - 122
Bis(2-chloroethoxy)methane	3.33	2.79		mg/Kg		84	62 - 120
Bis(2-chloroethyl)ether	3.33	2.85		mg/Kg		86	60 - 120
Bis(2-ethylhexyl) phthalate	3.33	2.87		mg/Kg		86	64 - 125
Butyl benzyl phthalate	3.33	3.15		mg/Kg		95	62 - 127
Caprolactam	1.33	1.86		mg/Kg		140	46 - 150
Carbazole	3.33	2.77		mg/Kg		83	64 - 120
Chrysene	3.33	2.81		mg/Kg		84	67 - 120
Dibenz(a,h)anthracene	3.33	3.09		mg/Kg		93	66 - 128

Method: 8270E - Semivolatile Organic Compounds (GC/MS) (Continued)

Lab Sample ID: LCS 460-1065439/2-A
Matrix: Solid
Analysis Batch: 1065761

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 1065439

Analyte			Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits		
Dibenzofuran			3.33	2.60		mg/Kg		78	61 - 120		
Diethyl phthalate			3.33	2.56		mg/Kg		77	63 - 120		
Dimethyl phthalate			3.33	2.63		mg/Kg		79	65 - 120		
Di-n-butyl phthalate			3.33	2.97		mg/Kg		89	61 - 120		
Di-n-octyl phthalate			3.33	2.94		mg/Kg		88	61 - 123		
Fluoranthene			3.33	2.72		mg/Kg		82	61 - 120		
Fluorene			3.33	2.60		mg/Kg		78	64 - 120		
Hexachlorobenzene			3.33	2.80		mg/Kg		84	66 - 120		
Hexachlorobutadiene			3.33	2.73		mg/Kg		82	62 - 120		
Hexachlorocyclopentadiene			3.33	2.40		mg/Kg		72	32 - 150		
Hexachloroethane			3.33	2.82		mg/Kg		84	61 - 112		
Indeno[1,2,3-cd]pyrene			3.33	2.99		mg/Kg		90	63 - 137		
Isophorone			3.33	2.83		mg/Kg		85	61 - 120		
Naphthalene			3.33	2.75		mg/Kg		83	63 - 113		
Nitrobenzene			3.33	2.80		mg/Kg		84	63 - 120		
N-Nitrosodi-n-propylamine			3.33	2.76		mg/Kg		83	60 - 120		
N-Nitrosodiphenylamine			3.33	2.81		mg/Kg		84	63 - 120		
Pentachlorophenol			6.67	5.03		mg/Kg		75	61 - 126		
Phenanthrene			3.33	2.78		mg/Kg		83	66 - 120		
Phenol			3.33	2.69		mg/Kg		81	63 - 120		
Pyrene			3.33	2.82		mg/Kg		85	61 - 121		

Surrogate	*LCS %Recovery*	*LCS Qualifier*	*Limits*
2,4,6-Tribromophenol (Surr)	*72*		*18 - 137*
2-Fluorobiphenyl	*72*		*33 - 117*
2-Fluorophenol (Surr)	*75*		*24 - 120*
Nitrobenzene-d5 (Surr)	*78*		*27 - 120*
Phenol-d5 (Surr)	*75*		*28 - 118*
Terphenyl-d14 (Surr)	*77*		*33 - 124*

Lab Sample ID: LCSD 460-1065439/3-A
Matrix: Solid
Analysis Batch: 1065761

Client Sample ID: Lab Control Sample Dup
Prep Type: Total/NA
Prep Batch: 1065439

Analyte			Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
1,1'-Biphenyl			3.33	2.52		mg/Kg		76	64 - 120	4	30
1,2,4,5-Tetrachlorobenzene			3.33	2.56		mg/Kg		77	60 - 120	2	30
1,4-Dioxane			3.33	2.61		mg/Kg		78	31 - 105	4	30
2,2'-oxybis[1-chloropropane]			3.33	2.75		mg/Kg		82	50 - 126	2	30
2,3,4,6-Tetrachlorophenol			3.33	2.48		mg/Kg		74	62 - 120	3	30
2,4,5-Trichlorophenol			3.33	2.54		mg/Kg		76	64 - 120	5	30
2,4,6-Trichlorophenol			3.33	2.52		mg/Kg		76	65 - 120	1	30
2,4-Dichlorophenol			3.33	2.73		mg/Kg		82	66 - 120	3	30
2,4-Dimethylphenol			3.33	2.74		mg/Kg		82	75 - 136	3	30
2,4-Dinitrophenol			6.67	5.30		mg/Kg		79	41 - 120	2	30
2,4-Dinitrotoluene			3.33	2.88		mg/Kg		86	65 - 124	3	30
2,6-Dinitrotoluene			3.33	2.93		mg/Kg		88	67 - 121	2	30
2-Chloronaphthalene			3.33	2.56		mg/Kg		77	64 - 120	3	30

Method: 8270E - Semivolatile Organic Compounds (GC/MS) (Continued)

Lab Sample ID: LCSD 460-1065439/3-A
Matrix: Solid
Analysis Batch: 1065761

Client Sample ID: Lab Control Sample Dup
Prep Type: Total/NA
Prep Batch: 1065439

Analyte			Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
2-Chlorophenol			3.33	2.74		mg/Kg		82	63 - 120	2	30
2-Methylnaphthalene			3.33	2.75		mg/Kg		82	56 - 102	3	30
2-Methylphenol			3.33	2.60		mg/Kg		78	63 - 120	1	30
2-Nitroaniline			3.33	2.59		mg/Kg		78	52 - 120	4	30
2-Nitrophenol			3.33	2.98		mg/Kg		89	64 - 120	2	30
3 & 4 Methylphenol			3.33	2.64		mg/Kg		79	61 - 120	2	30
3,3'-Dichlorobenzidine			3.33	2.03		mg/Kg		61	10 - 106	7	30
3-Nitroaniline			3.33	2.31		mg/Kg		69	18 - 105	5	30
4,6-Dinitro-2-methylphenol			6.67	5.66		mg/Kg		85	61 - 127	2	30
4-Bromophenyl phenyl ether			3.33	2.75		mg/Kg		83	64 - 120	2	30
4-Chloro-3-methylphenol			3.33	2.62		mg/Kg		79	68 - 120	6	30
4-Chloroaniline			3.33	2.18		mg/Kg		66	10 - 107	4	30
4-Chlorophenyl phenyl ether			3.33	2.55		mg/Kg		77	62 - 120	4	30
4-Methylphenol			3.33	2.64		mg/Kg		79	61 - 120	2	30
4-Nitroaniline			3.33	2.32		mg/Kg		70	51 - 112	1	30
4-Nitrophenol			6.67	4.49		mg/Kg		67	52 - 122	1	30
Acenaphthene			3.33	2.47		mg/Kg		74	65 - 120	2	30
Acenaphthylene			3.33	2.58		mg/Kg		78	68 - 120	4	30
Acetophenone			3.33	2.62		mg/Kg		79	61 - 111	2	30
Anthracene			3.33	2.70		mg/Kg		81	67 - 120	2	30
Atrazine			1.33	1.80		mg/Kg		135	52 - 150	2	30
Benzaldehyde			1.33	1.49		mg/Kg		112	45 - 150	3	30
Benzo[a]anthracene			3.33	2.59		mg/Kg		78	66 - 120	6	30
Benzo[a]pyrene			3.33	2.68		mg/Kg		80	69 - 123	4	30
Benzo[b]fluoranthene			3.33	2.68		mg/Kg		80	66 - 125	4	30
Benzo[g,h,i]perylene			3.33	2.70		mg/Kg		81	66 - 138	5	30
Benzo[k]fluoranthene			3.33	2.60		mg/Kg		78	67 - 122	5	30
Bis(2-chloroethoxy)methane			3.33	2.67		mg/Kg		80	62 - 120	5	30
Bis(2-chloroethyl)ether			3.33	2.76		mg/Kg		83	60 - 120	3	30
Bis(2-ethylhexyl) phthalate			3.33	2.80		mg/Kg		84	64 - 125	2	30
Butyl benzyl phthalate			3.33	3.02		mg/Kg		91	62 - 127	4	30
Caprolactam			1.33	1.83		mg/Kg		137	46 - 150	2	30
Carbazole			3.33	2.64		mg/Kg		79	64 - 120	5	30
Chrysene			3.33	2.69		mg/Kg		81	67 - 120	5	30
Dibenz(a,h)anthracene			3.33	2.96		mg/Kg		89	66 - 128	4	30
Dibenzofuran			3.33	2.53		mg/Kg		76	61 - 120	3	30
Diethyl phthalate			3.33	2.46		mg/Kg		74	63 - 120	4	30
Dimethyl phthalate			3.33	2.58		mg/Kg		78	65 - 120	2	30
Di-n-butyl phthalate			3.33	2.87		mg/Kg		86	61 - 120	3	30
Di-n-octyl phthalate			3.33	2.85		mg/Kg		86	61 - 123	3	30
Fluoranthene			3.33	2.64		mg/Kg		79	61 - 120	3	30
Fluorene			3.33	2.54		mg/Kg		76	64 - 120	2	30
Hexachlorobenzene			3.33	2.70		mg/Kg		81	66 - 120	3	30
Hexachlorobutadiene			3.33	2.65		mg/Kg		80	62 - 120	3	30
Hexachlorocyclopentadiene			3.33	2.37		mg/Kg		71	32 - 150	1	30
Hexachloroethane			3.33	2.77		mg/Kg		83	61 - 112	2	30
Indeno[1,2,3-cd]pyrene			3.33	2.87		mg/Kg		86	63 - 137	4	30
Isophorone			3.33	2.73		mg/Kg		82	61 - 120	3	30
Naphthalene			3.33	2.66		mg/Kg		80	63 - 113	3	30

Method: 8270E - Semivolatile Organic Compounds (GC/MS) (Continued)

Lab Sample ID: LCSD 460-1065439/3-A
Matrix: Solid
Analysis Batch: 1065761

Client Sample ID: Lab Control Sample Dup
Prep Type: Total/NA
Prep Batch: 1065439

Analyte			Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Nitrobenzene			3.33	2.71		mg/Kg		81	63 - 120	3	30
N-Nitrosodi-n-propylamine			3.33	2.70		mg/Kg		81	60 - 120	2	30
N-Nitrosodiphenylamine			3.33	2.75		mg/Kg		82	63 - 120	2	30
Pentachlorophenol			6.67	4.91		mg/Kg		74	61 - 126	2	30
Phenanthrene			3.33	2.69		mg/Kg		81	66 - 120	3	30
Phenol			3.33	2.62		mg/Kg		79	63 - 120	2	30
Pyrene			3.33	2.72		mg/Kg		82	61 - 121	4	30

Surrogate	*LCSD %Recovery*	*LCSD Qualifier*	*Limits*
2,4,6-Tribromophenol (Surr)	*71*		*18 - 137*
2-Fluorobiphenyl	*72*		*33 - 117*
2-Fluorophenol (Surr)	*71*		*24 - 120*
Nitrobenzene-d5 (Surr)	*77*		*27 - 120*
Phenol-d5 (Surr)	*74*		*28 - 118*
Terphenyl-d14 (Surr)	*75*		*33 - 124*

Lab Sample ID: 460-336212-1 MS
Matrix: Solid
Analysis Batch: 1065761

Client Sample ID: 60A_0-4
Prep Type: Total/NA
Prep Batch: 1065439

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec Limits
1,1'-Biphenyl	0.35	U	3.58	2.40		mg/Kg	☼	67	64 - 120
1,2,4,5-Tetrachlorobenzene	0.35	U	3.58	2.39		mg/Kg	☼	67	60 - 120
1,4-Dioxane	0.035	U	3.58	1.98		mg/Kg	☼	55	31 - 105
2,2'-oxybis[1-chloropropane]	0.35	U	3.58	2.52		mg/Kg	☼	70	50 - 126
2,3,4,6-Tetrachlorophenol	0.35	U	3.58	2.41		mg/Kg	☼	67	62 - 120
2,4,5-Trichlorophenol	0.35	U	3.58	2.41		mg/Kg	☼	67	64 - 120
2,4,6-Trichlorophenol	0.14	U	3.58	2.42		mg/Kg	☼	68	65 - 120
2,4-Dichlorophenol	0.14	U	3.58	2.52		mg/Kg	☼	71	66 - 120
2,4-Dimethylphenol	0.35	U	3.58	2.52	*	mg/Kg	☼	71	75 - 136
2,4-Dinitrophenol	0.29	U	7.16	2.01	*	mg/Kg	☼	28	41 - 120
2,4-Dinitrotoluene	0.072	U	3.58	2.54		mg/Kg	☼	71	65 - 124
2,6-Dinitrotoluene	0.072	U	3.58	2.64		mg/Kg	☼	74	67 - 121
2-Chloronaphthalene	0.35	U	3.58	2.43		mg/Kg	☼	68	64 - 120
2-Chlorophenol	0.35	U	3.58	2.49		mg/Kg	☼	70	63 - 120
2-Methylnaphthalene	0.021	J	3.58	2.54		mg/Kg	☼	70	56 - 102
2-Methylphenol	0.35	U	3.58	2.46		mg/Kg	☼	69	63 - 120
2-Nitroaniline	0.35	U	3.58	2.48		mg/Kg	☼	69	52 - 120
2-Nitrophenol	0.35	U	3.58	2.42		mg/Kg	☼	68	64 - 120
3 & 4 Methylphenol	0.35	U	3.58	2.47		mg/Kg	☼	69	61 - 120
3,3'-Dichlorobenzidine	0.14	U	3.58	2.35		mg/Kg	☼	66	10 - 106
3-Nitroaniline	0.35	U	3.58	2.44		mg/Kg	☼	68	18 - 105
4,6-Dinitro-2-methylphenol	0.29	U	7.16	2.33	*	mg/Kg	☼	33	61 - 127
4-Bromophenyl phenyl ether	0.35	U	3.58	2.61		mg/Kg	☼	73	64 - 120
4-Chloro-3-methylphenol	0.35	U	3.58	2.49		mg/Kg	☼	70	68 - 120
4-Chloroaniline	0.35	U	3.58	1.76		mg/Kg	☼	49	10 - 107
4-Chlorophenyl phenyl ether	0.35	U	3.58	2.38		mg/Kg	☼	66	62 - 120
4-Methylphenol	0.35	U	3.58	2.47		mg/Kg	☼	69	61 - 120

Method: 8270E - Semivolatile Organic Compounds (GC/MS) (Continued)

Lab Sample ID: 460-336212-1 MS
Matrix: Solid
Analysis Batch: 1065761

Client Sample ID: 60A_0-4
Prep Type: Total/NA
Prep Batch: 1065439

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec Limits
4-Nitroaniline	0.35	U	3.58	2.05		mg/Kg	☼	57	51 - 112
4-Nitrophenol	0.72	U	7.16	4.28		mg/Kg	☼	60	52 - 122
Acenaphthene	0.022	J	3.58	2.33	*	mg/Kg	☼	64	65 - 120
Acenaphthylene	0.27	J	3.58	2.67	*	mg/Kg	☼	67	68 - 120
Acetophenone	0.35	U	3.58	2.37		mg/Kg	☼	66	61 - 111
Anthracene	0.34	J	3.58	2.78		mg/Kg	☼	68	67 - 120
Atrazine	0.14	U	1.43	1.46		mg/Kg	☼	102	52 - 150
Benzaldehyde	0.35	U	1.43	1.17	E	mg/Kg	☼	81	45 - 150
Benzo[a]anthracene	0.30		3.58	2.75		mg/Kg	☼	68	66 - 120
Benzo[a]pyrene	0.46		3.58	2.90	*	mg/Kg	☼	68	69 - 123
Benzo[b]fluoranthene	0.55		3.58	3.15		mg/Kg	☼	73	66 - 125
Benzo[g,h,i]perylene	0.39		3.58	1.93	*	mg/Kg	☼	43	66 - 138
Benzo[k]fluoranthene	0.18		3.58	2.73		mg/Kg	☼	71	67 - 122
Bis(2-chloroethoxy)methane	0.35	U	3.58	2.51		mg/Kg	☼	70	62 - 120
Bis(2-chloroethyl)ether	0.035	U	3.58	2.50		mg/Kg	☼	70	60 - 120
Bis(2-ethylhexyl) phthalate	0.35	U	3.58	2.63		mg/Kg	☼	74	64 - 125
Butyl benzyl phthalate	0.35	U	3.58	2.81		mg/Kg	☼	79	62 - 127
Caprolactam	0.35	U	1.43	1.47		mg/Kg	☼	102	46 - 150
Carbazole	0.12	J	3.58	2.59		mg/Kg	☼	69	64 - 120
Chrysene	0.35		3.58	2.81		mg/Kg	☼	69	67 - 120
Dibenz(a,h)anthracene	0.069		3.58	2.10	*	mg/Kg	☼	57	66 - 128
Dibenzofuran	0.021	J	3.58	2.39		mg/Kg	☼	66	61 - 120
Diethyl phthalate	0.35	U	3.58	2.34		mg/Kg	☼	65	63 - 120
Dimethyl phthalate	0.35	U	3.58	2.40		mg/Kg	☼	67	65 - 120
Di-n-butyl phthalate	0.35	U	3.58	2.75		mg/Kg	☼	77	61 - 120
Di-n-octyl phthalate	0.35	U	3.58	2.94		mg/Kg	☼	82	61 - 123
Fluoranthene	0.58		3.58	2.92		mg/Kg	☼	66	61 - 120
Fluorene	0.042	J	3.58	2.37		mg/Kg	☼	65	64 - 120
Hexachlorobenzene	0.035	U	3.58	2.52		mg/Kg	☼	70	66 - 120
Hexachlorobutadiene	0.072	U	3.58	2.40		mg/Kg	☼	67	62 - 120
Hexachlorocyclopentadiene	0.35	U	3.58	1.20		mg/Kg	☼	34	32 - 150
Hexachloroethane	0.035	U	3.58	2.28		mg/Kg	☼	64	61 - 112
Indeno[1,2,3-cd]pyrene	0.39		3.58	2.22	*	mg/Kg	☼	51	63 - 137
Isophorone	0.14	U	3.58	2.49		mg/Kg	☼	70	61 - 120
Naphthalene	0.041	J	3.58	2.43		mg/Kg	☼	67	63 - 113
Nitrobenzene	0.035	U	3.58	2.48		mg/Kg	☼	69	63 - 120
N-Nitrosodi-n-propylamine	0.035	U	3.58	2.46		mg/Kg	☼	69	60 - 120
N-Nitrosodiphenylamine	0.35	U	3.58	2.61		mg/Kg	☼	73	63 - 120
Pentachlorophenol	0.29	U	7.16	5.00		mg/Kg	☼	70	61 - 126
Phenanthrene	0.34	J	3.58	2.76		mg/Kg	☼	68	66 - 120
Phenol	0.35	U	3.58	2.69		mg/Kg	☼	75	63 - 120
Pyrene	0.53		3.58	2.84		mg/Kg	☼	65	61 - 121

Surrogate	*MS %Recovery*	*MS Qualifier*	*Limits*
2,4,6-Tribromophenol (Surr)	*61*		*18 - 137*
2-Fluorobiphenyl	*61*		*33 - 117*
2-Fluorophenol (Surr)	*61*		*24 - 120*
Nitrobenzene-d5 (Surr)	*64*		*27 - 120*

Method: 8270E - Semivolatile Organic Compounds (GC/MS) (Continued)

Lab Sample ID: 460-336212-1 MS
Matrix: Solid
Analysis Batch: 1065761

Client Sample ID: 60A_0-4
Prep Type: Total/NA
Prep Batch: 1065439

Surrogate	MS %Recovery	MS Qualifier	Limits
Phenol-d5 (Surr)	*63*		*28 - 118*
Terphenyl-d14 (Surr)	*60*		*33 - 124*

Lab Sample ID: 460-336212-1 MSD
Matrix: Solid
Analysis Batch: 1065761

Client Sample ID: 60A_0-4
Prep Type: Total/NA
Prep Batch: 1065439

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
1,1'-Biphenyl	0.35	U	3.58	2.40		mg/Kg	☼	67	64 - 120	0	30
1,2,4,5-Tetrachlorobenzene	0.35	U	3.58	2.40		mg/Kg	☼	67	60 - 120	1	30
1,4-Dioxane	0.035	U	3.58	2.11		mg/Kg	☼	59	31 - 105	7	30
2,2'-oxybis[1-chloropropane]	0.35	U	3.58	2.58		mg/Kg	☼	72	50 - 126	2	30
2,3,4,6-Tetrachlorophenol	0.35	U	3.58	2.36		mg/Kg	☼	66	62 - 120	2	30
2,4,5-Trichlorophenol	0.35	U	3.58	2.40		mg/Kg	☼	67	64 - 120	1	30
2,4,6-Trichlorophenol	0.14	U	3.58	2.39		mg/Kg	☼	67	65 - 120	2	30
2,4-Dichlorophenol	0.14	U	3.58	2.57		mg/Kg	☼	72	66 - 120	2	30
2,4-Dimethylphenol	0.35	U	3.58	2.54	*	mg/Kg	☼	71	75 - 136	1	30
2,4-Dinitrophenol	0.29	U	7.16	2.00	*	mg/Kg	☼	28	41 - 120	1	30
2,4-Dinitrotoluene	0.072	U	3.58	2.49		mg/Kg	☼	70	65 - 124	2	30
2,6-Dinitrotoluene	0.072	U	3.58	2.59		mg/Kg	☼	73	67 - 121	2	30
2-Chloronaphthalene	0.35	U	3.58	2.40		mg/Kg	☼	67	64 - 120	1	30
2-Chlorophenol	0.35	U	3.58	2.53		mg/Kg	☼	71	63 - 120	2	30
2-Methylnaphthalene	0.021	J	3.58	2.57		mg/Kg	☼	71	56 - 102	1	30
2-Methylphenol	0.35	U	3.58	2.46		mg/Kg	☼	69	63 - 120	0	30
2-Nitroaniline	0.35	U	3.58	2.45		mg/Kg	☼	68	52 - 120	1	30
2-Nitrophenol	0.35	U	3.58	2.45		mg/Kg	☼	68	64 - 120	1	30
3 & 4 Methylphenol	0.35	U	3.58	2.50		mg/Kg	☼	70	61 - 120	1	30
3,3'-Dichlorobenzidine	0.14	U	3.58	2.33		mg/Kg	☼	65	10 - 106	1	30
3-Nitroaniline	0.35	U	3.58	2.36		mg/Kg	☼	66	18 - 105	3	30
4,6-Dinitro-2-methylphenol	0.29	U	7.16	2.35	*	mg/Kg	☼	33	61 - 127	1	30
4-Bromophenyl phenyl ether	0.35	U	3.58	2.58		mg/Kg	☼	72	64 - 120	1	30
4-Chloro-3-methylphenol	0.35	U	3.58	2.47		mg/Kg	☼	69	68 - 120	1	30
4-Chloroaniline	0.35	U	3.58	1.74		mg/Kg	☼	49	10 - 107	1	30
4-Chlorophenyl phenyl ether	0.35	U	3.58	2.37		mg/Kg	☼	66	62 - 120	0	30
4-Methylphenol	0.35	U	3.58	2.50		mg/Kg	☼	70	61 - 120	1	30
4-Nitroaniline	0.35	U	3.58	2.10		mg/Kg	☼	59	51 - 112	2	30
4-Nitrophenol	0.72	U	7.16	4.24		mg/Kg	☼	59	52 - 122	1	30
Acenaphthene	0.022	J	3.58	2.32	*	mg/Kg	☼	64	65 - 120	0	30
Acenaphthylene	0.27	J	3.58	2.67	*	mg/Kg	☼	67	68 - 120	0	30
Acetophenone	0.35	U	3.58	2.45		mg/Kg	☼	68	61 - 111	3	30
Anthracene	0.34	J	3.58	2.84		mg/Kg	☼	70	67 - 120	2	30
Atrazine	0.14	U	1.43	1.54		mg/Kg	☼	108	52 - 150	5	30
Benzaldehyde	0.35	U	1.43	1.27	E	mg/Kg	☼	88	45 - 150	8	30
Benzo[a]anthracene	0.30		3.58	2.69		mg/Kg	☼	67	66 - 120	2	30
Benzo[a]pyrene	0.46		3.58	2.88	*	mg/Kg	☼	67	69 - 123	1	30
Benzo[b]fluoranthene	0.55		3.58	3.17		mg/Kg	☼	73	66 - 125	1	30
Benzo[g,h,i]perylene	0.39		3.58	1.90	*	mg/Kg	☼	42	66 - 138	2	30
Benzo[k]fluoranthene	0.18		3.58	2.73		mg/Kg	☼	71	67 - 122	0	30

Method: 8270E - Semivolatile Organic Compounds (GC/MS) (Continued)

Lab Sample ID: 460-336212-1 MSD
Matrix: Solid
Analysis Batch: 1065761

Client Sample ID: 60A_0-4
Prep Type: Total/NA
Prep Batch: 1065439

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Bis(2-chloroethoxy)methane	0.35	U	3.58	2.50		mg/Kg	☼	70	62 - 120	0	30
Bis(2-chloroethyl)ether	0.035	U	3.58	2.55		mg/Kg	☼	71	60 - 120	2	30
Bis(2-ethylhexyl) phthalate	0.35	U	3.58	2.57		mg/Kg	☼	72	64 - 125	2	30
Butyl benzyl phthalate	0.35	U	3.58	2.77		mg/Kg	☼	77	62 - 127	1	30
Caprolactam	0.35	U	1.43	1.54		mg/Kg	☼	108	46 - 150	5	30
Carbazole	0.12	J	3.58	2.60		mg/Kg	☼	69	64 - 120	0	30
Chrysene	0.35		3.58	2.79		mg/Kg	☼	68	67 - 120	1	30
Dibenz(a,h)anthracene	0.069		3.58	2.04	*	mg/Kg	☼	55	66 - 128	3	30
Dibenzofuran	0.021	J	3.58	2.38		mg/Kg	☼	66	61 - 120	0	30
Diethyl phthalate	0.35	U	3.58	2.29		mg/Kg	☼	64	63 - 120	2	30
Dimethyl phthalate	0.35	U	3.58	2.39		mg/Kg	☼	67	65 - 120	0	30
Di-n-butyl phthalate	0.35	U	3.58	2.76		mg/Kg	☼	77	61 - 120	0	30
Di-n-octyl phthalate	0.35	U	3.58	3.01		mg/Kg	☼	84	61 - 123	2	30
Fluoranthene	0.58		3.58	2.97		mg/Kg	☼	67	61 - 120	2	30
Fluorene	0.042	J	3.58	2.36		mg/Kg	☼	65	64 - 120	1	30
Hexachlorobenzene	0.035	U	3.58	2.54		mg/Kg	☼	71	66 - 120	1	30
Hexachlorobutadiene	0.072	U	3.58	2.45		mg/Kg	☼	69	62 - 120	2	30
Hexachlorocyclopentadiene	0.35	U	3.58	1.13	*	mg/Kg	☼	31	32 - 150	7	30
Hexachloroethane	0.035	U	3.58	2.35		mg/Kg	☼	66	61 - 112	3	30
Indeno[1,2,3-cd]pyrene	0.39		3.58	2.16	*	mg/Kg	☼	49	63 - 137	3	30
Isophorone	0.14	U	3.58	2.53		mg/Kg	☼	71	61 - 120	2	30
Naphthalene	0.041	J	3.58	2.48		mg/Kg	☼	68	63 - 113	2	30
Nitrobenzene	0.035	U	3.58	2.52		mg/Kg	☼	70	63 - 120	2	30
N-Nitrosodi-n-propylamine	0.035	U	3.58	2.49		mg/Kg	☼	70	60 - 120	1	30
N-Nitrosodiphenylamine	0.35	U	3.58	2.57		mg/Kg	☼	72	63 - 120	1	30
Pentachlorophenol	0.29	U	7.16	4.85		mg/Kg	☼	68	61 - 126	3	30
Phenanthrene	0.34	J	3.58	2.78		mg/Kg	☼	68	66 - 120	1	30
Phenol	0.35	U	3.58	2.49		mg/Kg	☼	70	63 - 120	8	30
Pyrene	0.53		3.58	2.85		mg/Kg	☼	65	61 - 121	0	30

Surrogate	*MSD %Recovery*	*MSD Qualifier*	*Limits*
2,4,6-Tribromophenol (Surr)	*61*		*18 - 137*
2-Fluorobiphenyl	*62*		*33 - 117*
2-Fluorophenol (Surr)	*64*		*24 - 120*
Nitrobenzene-d5 (Surr)	*66*		*27 - 120*
Phenol-d5 (Surr)	*64*		*28 - 118*
Terphenyl-d14 (Surr)	*60*		*33 - 124*

Method: 8081B - Organochlorine Pesticides (GC)

Lab Sample ID: MB 460-1065437/1-A
Matrix: Solid
Analysis Batch: 1065523

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 1065437

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
4,4'-DDD	0.0067	U	0.0067	0.0011	mg/Kg		10/02/25 18:00	10/03/25 09:04	1
4,4'-DDD	0.0067	U	0.0067	0.0011	mg/Kg		10/02/25 18:00	10/03/25 09:04	1
4,4'-DDE	0.0067	U	0.0067	0.00079	mg/Kg		10/02/25 18:00	10/03/25 09:04	1
4,4'-DDE	0.0067	U	0.0067	0.00079	mg/Kg		10/02/25 18:00	10/03/25 09:04	1

Method: 8081B - Organochlorine Pesticides (GC) (Continued)

Lab Sample ID: MB 460-1065437/1-A
Matrix: Solid
Analysis Batch: 1065523

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 1065437

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
4,4'-DDT	0.0067	U	0.0067	0.0012	mg/Kg		10/02/25 18:00	10/03/25 09:04	1
4,4'-DDT	0.0067	U	0.0067	0.0012	mg/Kg		10/02/25 18:00	10/03/25 09:04	1
Aldrin	0.0067	U	0.0067	0.0010	mg/Kg		10/02/25 18:00	10/03/25 09:04	1
Aldrin	0.0067	U	0.0067	0.0010	mg/Kg		10/02/25 18:00	10/03/25 09:04	1
alpha-BHC	0.0020	U	0.0020	0.00068	mg/Kg		10/02/25 18:00	10/03/25 09:04	1
alpha-BHC	0.0020	U	0.0020	0.00068	mg/Kg		10/02/25 18:00	10/03/25 09:04	1
beta-BHC	0.0020	U	0.0020	0.00075	mg/Kg		10/02/25 18:00	10/03/25 09:04	1
beta-BHC	0.0020	U	0.0020	0.00075	mg/Kg		10/02/25 18:00	10/03/25 09:04	1
Chlordane (technical)	0.067	U	0.067	0.016	mg/Kg		10/02/25 18:00	10/03/25 09:04	1
Chlordane (technical)	0.067	U	0.067	0.016	mg/Kg		10/02/25 18:00	10/03/25 09:04	1
cis-Chlordane	0.0067	U	0.0067	0.0011	mg/Kg		10/02/25 18:00	10/03/25 09:04	1
cis-Chlordane	0.0067	U	0.0067	0.0011	mg/Kg		10/02/25 18:00	10/03/25 09:04	1
delta-BHC	0.0020	U	0.0020	0.00041	mg/Kg		10/02/25 18:00	10/03/25 09:04	1
delta-BHC	0.0020	U	0.0020	0.00041	mg/Kg		10/02/25 18:00	10/03/25 09:04	1
Dieldrin	0.0020	U	0.0020	0.00087	mg/Kg		10/02/25 18:00	10/03/25 09:04	1
Dieldrin	0.0020	U	0.0020	0.00087	mg/Kg		10/02/25 18:00	10/03/25 09:04	1
Endosulfan I	0.0067	U	0.0067	0.0010	mg/Kg		10/02/25 18:00	10/03/25 09:04	1
Endosulfan I	0.0067	U	0.0067	0.0010	mg/Kg		10/02/25 18:00	10/03/25 09:04	1
Endosulfan II	0.0067	U	0.0067	0.0017	mg/Kg		10/02/25 18:00	10/03/25 09:04	1
Endosulfan II	0.0067	U	0.0067	0.0017	mg/Kg		10/02/25 18:00	10/03/25 09:04	1
Endosulfan sulfate	0.0067	U	0.0067	0.00084	mg/Kg		10/02/25 18:00	10/03/25 09:04	1
Endosulfan sulfate	0.0067	U	0.0067	0.00084	mg/Kg		10/02/25 18:00	10/03/25 09:04	1
Endrin	0.0067	U	0.0067	0.00096	mg/Kg		10/02/25 18:00	10/03/25 09:04	1
Endrin	0.0067	U	0.0067	0.00096	mg/Kg		10/02/25 18:00	10/03/25 09:04	1
Endrin aldehyde	0.0067	U	0.0067	0.0016	mg/Kg		10/02/25 18:00	10/03/25 09:04	1
Endrin aldehyde	0.0067	U	0.0067	0.0016	mg/Kg		10/02/25 18:00	10/03/25 09:04	1
Endrin ketone	0.0067	U	0.0067	0.0013	mg/Kg		10/02/25 18:00	10/03/25 09:04	1
Endrin ketone	0.0067	U	0.0067	0.0013	mg/Kg		10/02/25 18:00	10/03/25 09:04	1
gamma-BHC (Lindane)	0.0020	U	0.0020	0.00062	mg/Kg		10/02/25 18:00	10/03/25 09:04	1
gamma-BHC (Lindane)	0.0020	U	0.0020	0.00062	mg/Kg		10/02/25 18:00	10/03/25 09:04	1
Heptachlor	0.0067	U	0.0067	0.00079	mg/Kg		10/02/25 18:00	10/03/25 09:04	1
Heptachlor	0.0067	U	0.0067	0.00079	mg/Kg		10/02/25 18:00	10/03/25 09:04	1
Heptachlor epoxide	0.0067	U	0.0067	0.0010	mg/Kg		10/02/25 18:00	10/03/25 09:04	1
Heptachlor epoxide	0.0067	U	0.0067	0.0010	mg/Kg		10/02/25 18:00	10/03/25 09:04	1
Methoxychlor	0.0067	U	0.0067	0.0015	mg/Kg		10/02/25 18:00	10/03/25 09:04	1
Methoxychlor	0.0067	U	0.0067	0.0015	mg/Kg		10/02/25 18:00	10/03/25 09:04	1
Toxaphene	0.067	U	0.067	0.024	mg/Kg		10/02/25 18:00	10/03/25 09:04	1
Toxaphene	0.067	U	0.067	0.024	mg/Kg		10/02/25 18:00	10/03/25 09:04	1

Surrogate	*MB %Recovery*	*MB Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
DCB Decachlorobiphenyl	*76*		*10 - 150*	*10/02/25 18:00*	*10/03/25 09:04*	*1*
DCB Decachlorobiphenyl	*97*		*10 - 150*	*10/02/25 18:00*	*10/03/25 09:04*	*1*
Tetrachloro-m-xylene	*71*		*14 - 150*	*10/02/25 18:00*	*10/03/25 09:04*	*1*
Tetrachloro-m-xylene	*77*		*14 - 150*	*10/02/25 18:00*	*10/03/25 09:04*	*1*

Method: 8081B - Organochlorine Pesticides (GC) (Continued)

Lab Sample ID: LCS 460-1065437/2-A
Matrix: Solid
Analysis Batch: 1065523

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 1065437

Analyte			Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits		
4,4'-DDD			0.133	0.105		mg/Kg		79	71 - 134		
4,4'-DDD			0.133	0.124		mg/Kg		93	71 - 134		
4,4'-DDE			0.133	0.109		mg/Kg		82	71 - 137		
4,4'-DDE			0.133	0.127		mg/Kg		95	71 - 137		
4,4'-DDT			0.133	0.115		mg/Kg		86	69 - 140		
4,4'-DDT			0.133	0.122		mg/Kg		91	69 - 140		
Aldrin			0.133	0.110		mg/Kg		83	68 - 136		
Aldrin			0.133	0.127		mg/Kg		95	68 - 136		
alpha-BHC			0.133	0.121		mg/Kg		90	71 - 136		
alpha-BHC			0.133	0.134		mg/Kg		101	71 - 136		
beta-BHC			0.133	0.118		mg/Kg		88	67 - 133		
beta-BHC			0.133	0.129		mg/Kg		96	67 - 133		
cis-Chlordane			0.133	0.115		mg/Kg		86	70 - 140		
cis-Chlordane			0.133	0.132		mg/Kg		99	70 - 140		
delta-BHC			0.133	0.125		mg/Kg		94	70 - 135		
delta-BHC			0.133	0.138		mg/Kg		104	70 - 135		
Dieldrin			0.133	0.109		mg/Kg		82	71 - 135		
Dieldrin			0.133	0.131		mg/Kg		98	71 - 135		
Endosulfan I			0.133	0.114		mg/Kg		86	70 - 141		
Endosulfan I			0.133	0.131		mg/Kg		98	70 - 141		
Endosulfan II			0.133	0.116		mg/Kg		87	75 - 141		
Endosulfan II			0.133	0.131		mg/Kg		98	75 - 141		
Endosulfan sulfate			0.133	0.109		mg/Kg		82	67 - 130		
Endosulfan sulfate			0.133	0.127		mg/Kg		95	67 - 130		
Endrin			0.133	0.106		mg/Kg		79	66 - 143		
Endrin			0.133	0.126		mg/Kg		95	66 - 143		
Endrin aldehyde			0.133	0.113		mg/Kg		85	70 - 132		
Endrin aldehyde			0.133	0.123		mg/Kg		92	70 - 132		
Endrin ketone			0.133	0.112		mg/Kg		84	66 - 137		
Endrin ketone			0.133	0.131		mg/Kg		98	66 - 137		
gamma-BHC (Lindane)			0.133	0.120		mg/Kg		90	71 - 137		
gamma-BHC (Lindane)			0.133	0.131		mg/Kg		98	71 - 137		
Heptachlor			0.133	0.118		mg/Kg		89	70 - 140		
Heptachlor			0.133	0.130		mg/Kg		98	70 - 140		
Heptachlor epoxide			0.133	0.114		mg/Kg		85	70 - 135		
Heptachlor epoxide			0.133	0.129		mg/Kg		97	70 - 135		
Methoxychlor			0.133	0.108		mg/Kg		81	63 - 138		
Methoxychlor			0.133	0.115		mg/Kg		86	63 - 138		

Surrogate	*LCS %Recovery*	*LCS Qualifier*	*Limits*
DCB Decachlorobiphenyl	*70*		*10 - 150*
DCB Decachlorobiphenyl	*84*		*10 - 150*
Tetrachloro-m-xylene	*70*		*14 - 150*
Tetrachloro-m-xylene	*72*		*14 - 150*

Method: 8081B - Organochlorine Pesticides (GC) (Continued)

Lab Sample ID: LCSD 460-1065437/3-A
Matrix: Solid
Analysis Batch: 1065523

Client Sample ID: Lab Control Sample Dup
Prep Type: Total/NA
Prep Batch: 1065437

Analyte			Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
4,4'-DDD			0.133	0.113		mg/Kg		84	71 - 134	7	30
4,4'-DDD			0.133	0.135		mg/Kg		102	71 - 134	9	30
4,4'-DDE			0.133	0.117		mg/Kg		88	71 - 137	7	30
4,4'-DDE			0.133	0.137		mg/Kg		103	71 - 137	8	30
4,4'-DDT			0.133	0.122		mg/Kg		92	69 - 140	6	30
4,4'-DDT			0.133	0.132		mg/Kg		99	69 - 140	9	30
Aldrin			0.133	0.117		mg/Kg		88	68 - 136	6	30
Aldrin			0.133	0.138		mg/Kg		103	68 - 136	8	30
alpha-BHC			0.133	0.128		mg/Kg		96	71 - 136	6	30
alpha-BHC			0.133	0.147		mg/Kg		110	71 - 136	9	30
beta-BHC			0.133	0.124		mg/Kg		93	67 - 133	5	30
beta-BHC			0.133	0.140		mg/Kg		105	67 - 133	8	30
cis-Chlordane			0.133	0.123		mg/Kg		92	70 - 140	7	30
cis-Chlordane			0.133	0.143		mg/Kg		107	70 - 140	8	30
delta-BHC			0.133	0.132		mg/Kg		99	70 - 135	6	30
delta-BHC			0.133	0.151		mg/Kg		113	70 - 135	9	30
Dieldrin			0.133	0.116		mg/Kg		87	71 - 135	6	30
Dieldrin			0.133	0.143		mg/Kg		107	71 - 135	9	30
Endosulfan I			0.133	0.122		mg/Kg		91	70 - 141	6	30
Endosulfan I			0.133	0.142		mg/Kg		106	70 - 141	8	30
Endosulfan II			0.133	0.124		mg/Kg		93	75 - 141	7	30
Endosulfan II			0.133	0.143		mg/Kg		107	75 - 141	9	30
Endosulfan sulfate			0.133	0.115		mg/Kg		87	67 - 130	6	30
Endosulfan sulfate			0.133	0.138		mg/Kg		104	67 - 130	8	30
Endrin			0.133	0.113		mg/Kg		85	66 - 143	6	30
Endrin			0.133	0.137		mg/Kg		103	66 - 143	8	30
Endrin aldehyde			0.133	0.121		mg/Kg		91	70 - 132	6	30
Endrin aldehyde			0.133	0.134		mg/Kg		100	70 - 132	8	30
Endrin ketone			0.133	0.119		mg/Kg		89	66 - 137	6	30
Endrin ketone			0.133	0.142		mg/Kg		107	66 - 137	8	30
gamma-BHC (Lindane)			0.133	0.127		mg/Kg		95	71 - 137	5	30
gamma-BHC (Lindane)			0.133	0.143		mg/Kg		107	71 - 137	8	30
Heptachlor			0.133	0.125		mg/Kg		94	70 - 140	6	30
Heptachlor			0.133	0.141		mg/Kg		106	70 - 140	8	30
Heptachlor epoxide			0.133	0.122		mg/Kg		92	70 - 135	7	30
Heptachlor epoxide			0.133	0.141		mg/Kg		105	70 - 135	8	30
Methoxychlor			0.133	0.114		mg/Kg		85	63 - 138	6	30
Methoxychlor			0.133	0.124		mg/Kg		93	63 - 138	8	30

Surrogate	*LCSD %Recovery*	*LCSD Qualifier*	*Limits*
DCB Decachlorobiphenyl	*67*		*10 - 150*
DCB Decachlorobiphenyl	*83*		*10 - 150*
Tetrachloro-m-xylene	*67*		*14 - 150*
Tetrachloro-m-xylene	*69*		*14 - 150*

Method: 8081B - Organochlorine Pesticides (GC) (Continued)

Lab Sample ID: 460-336188-E-1-D MS
Matrix: Solid
Analysis Batch: 1065523

Client Sample ID: Matrix Spike
Prep Type: Total/NA
Prep Batch: 1065437

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec Limits
4,4'-DDD	0.0069	U	0.138	0.121		mg/Kg	☼	88	71 - 134
4,4'-DDD	0.0069	U	0.138	0.148		mg/Kg	☼	108	71 - 134
4,4'-DDE	0.0069	U	0.138	0.124		mg/Kg	☼	90	71 - 137
4,4'-DDE	0.0069	U	0.138	0.150		mg/Kg	☼	109	71 - 137
4,4'-DDT	0.0069	U	0.138	0.128		mg/Kg	☼	93	69 - 140
4,4'-DDT	0.0069	U	0.138	0.142		mg/Kg	☼	104	69 - 140
Aldrin	0.0069	U	0.138	0.124		mg/Kg	☼	90	68 - 136
Aldrin	0.0069	U	0.138	0.152		mg/Kg	☼	111	68 - 136
alpha-BHC	0.0021	U	0.138	0.136		mg/Kg	☼	99	71 - 136
alpha-BHC	0.0021	U	0.138	0.162		mg/Kg	☼	118	71 - 136
beta-BHC	0.0021	U	0.138	0.131		mg/Kg	☼	96	67 - 133
beta-BHC	0.0021	U	0.138	0.153		mg/Kg	☼	111	67 - 133
cis-Chlordane	0.0069	U	0.138	0.130		mg/Kg	☼	94	70 - 140
cis-Chlordane	0.0069	U	0.138	0.157		mg/Kg	☼	114	70 - 140
delta-BHC	0.0021	U	0.138	0.141		mg/Kg	☼	102	70 - 135
delta-BHC	0.0021	U	0.138	0.167		mg/Kg	☼	121	70 - 135
Dieldrin	0.0021	U	0.138	0.123		mg/Kg	☼	90	71 - 135
Dieldrin	0.0021	U	0.138	0.155		mg/Kg	☼	113	71 - 135
Endosulfan I	0.0069	U	0.138	0.129		mg/Kg	☼	94	70 - 141
Endosulfan I	0.0069	U	0.138	0.157		mg/Kg	☼	114	70 - 141
Endosulfan II	0.0069	U	0.138	0.134		mg/Kg	☼	97	75 - 141
Endosulfan II	0.0069	U	0.138	0.156		mg/Kg	☼	114	75 - 141
Endosulfan sulfate	0.0069	U	0.138	0.125		mg/Kg	☼	91	67 - 130
Endosulfan sulfate	0.0069	U	0.138	0.152		mg/Kg	☼	110	67 - 130
Endrin	0.0069	U	0.138	0.123		mg/Kg	☼	90	66 - 143
Endrin	0.0069	U	0.138	0.152		mg/Kg	☼	111	66 - 143
Endrin aldehyde	0.0069	U	0.138	0.128		mg/Kg	☼	93	70 - 132
Endrin aldehyde	0.0069	U	0.138	0.147		mg/Kg	☼	107	70 - 132
Endrin ketone	0.0069	U	0.138	0.127		mg/Kg	☼	92	66 - 137
Endrin ketone	0.0069	U	0.138	0.157		mg/Kg	☼	114	66 - 137
gamma-BHC (Lindane)	0.0021	U	0.138	0.135		mg/Kg	☼	98	71 - 137
gamma-BHC (Lindane)	0.0021	U	0.138	0.158		mg/Kg	☼	114	71 - 137
Heptachlor	0.0069	U	0.138	0.133		mg/Kg	☼	96	70 - 140
Heptachlor	0.0069	U	0.138	0.156		mg/Kg	☼	113	70 - 140
Heptachlor epoxide	0.0069	U	0.138	0.130		mg/Kg	☼	94	70 - 135
Heptachlor epoxide	0.0069	U	0.138	0.154		mg/Kg	☼	112	70 - 135
Methoxychlor	0.0069	U	0.138	0.117		mg/Kg	☼	85	63 - 138
Methoxychlor	0.0069	U	0.138	0.132		mg/Kg	☼	96	63 - 138

Surrogate	*MS %Recovery*	*MS Qualifier*	*Limits*
DCB Decachlorobiphenyl	*76*		*10 - 150*
DCB Decachlorobiphenyl	*97*		*10 - 150*
Tetrachloro-m-xylene	*74*		*14 - 150*
Tetrachloro-m-xylene	*79*		*14 - 150*

Method: 8081B - Organochlorine Pesticides (GC) (Continued)

Lab Sample ID: 460-336188-E-1-E MSD
Matrix: Solid
Analysis Batch: 1065523

Client Sample ID: Matrix Spike Duplicate
Prep Type: Total/NA
Prep Batch: 1065437

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
4,4'-DDD	0.0069	U	0.138	0.117		mg/Kg	☼	85	71 - 134	4	30
4,4'-DDD	0.0069	U	0.138	0.145		mg/Kg	☼	105	71 - 134	3	30
4,4'-DDE	0.0069	U	0.138	0.120		mg/Kg	☼	87	71 - 137	3	30
4,4'-DDE	0.0069	U	0.138	0.147		mg/Kg	☼	106	71 - 137	3	30
4,4'-DDT	0.0069	U	0.138	0.123		mg/Kg	☼	89	69 - 140	4	30
4,4'-DDT	0.0069	U	0.138	0.137		mg/Kg	☼	99	69 - 140	4	30
Aldrin	0.0069	U	0.138	0.122		mg/Kg	☼	88	68 - 136	2	30
Aldrin	0.0069	U	0.138	0.148		mg/Kg	☼	108	68 - 136	3	30
alpha-BHC	0.0021	U	0.138	0.134		mg/Kg	☼	98	71 - 136	1	30
alpha-BHC	0.0021	U	0.138	0.157		mg/Kg	☼	114	71 - 136	3	30
beta-BHC	0.0021	U	0.138	0.131		mg/Kg	☼	95	67 - 133	0	30
beta-BHC	0.0021	U	0.138	0.149		mg/Kg	☼	108	67 - 133	3	30
cis-Chlordane	0.0069	U	0.138	0.126		mg/Kg	☼	92	70 - 140	3	30
cis-Chlordane	0.0069	U	0.138	0.153		mg/Kg	☼	111	70 - 140	3	30
delta-BHC	0.0021	U	0.138	0.140		mg/Kg	☼	102	70 - 135	1	30
delta-BHC	0.0021	U	0.138	0.162		mg/Kg	☼	118	70 - 135	3	30
Dieldrin	0.0021	U	0.138	0.119		mg/Kg	☼	87	71 - 135	3	30
Dieldrin	0.0021	U	0.138	0.152		mg/Kg	☼	110	71 - 135	2	30
Endosulfan I	0.0069	U	0.138	0.125		mg/Kg	☼	91	70 - 141	3	30
Endosulfan I	0.0069	U	0.138	0.153		mg/Kg	☼	111	70 - 141	3	30
Endosulfan II	0.0069	U	0.138	0.129		mg/Kg	☼	93	75 - 141	4	30
Endosulfan II	0.0069	U	0.138	0.152		mg/Kg	☼	110	75 - 141	3	30
Endosulfan sulfate	0.0069	U	0.138	0.120		mg/Kg	☼	87	67 - 130	4	30
Endosulfan sulfate	0.0069	U	0.138	0.146		mg/Kg	☼	106	67 - 130	4	30
Endrin	0.0069	U	0.138	0.119		mg/Kg	☼	86	66 - 143	4	30
Endrin	0.0069	U	0.138	0.148		mg/Kg	☼	108	66 - 143	3	30
Endrin aldehyde	0.0069	U	0.138	0.124		mg/Kg	☼	90	70 - 132	4	30
Endrin aldehyde	0.0069	U	0.138	0.142		mg/Kg	☼	103	70 - 132	4	30
Endrin ketone	0.0069	U	0.138	0.122		mg/Kg	☼	89	66 - 137	4	30
Endrin ketone	0.0069	U	0.138	0.151		mg/Kg	☼	110	66 - 137	4	30
gamma-BHC (Lindane)	0.0021	U	0.138	0.133		mg/Kg	☼	97	71 - 137	1	30
gamma-BHC (Lindane)	0.0021	U	0.138	0.153		mg/Kg	☼	111	71 - 137	3	30
Heptachlor	0.0069	U	0.138	0.131		mg/Kg	☼	95	70 - 140	1	30
Heptachlor	0.0069	U	0.138	0.151		mg/Kg	☼	110	70 - 140	3	30
Heptachlor epoxide	0.0069	U	0.138	0.126		mg/Kg	☼	92	70 - 135	3	30
Heptachlor epoxide	0.0069	U	0.138	0.150		mg/Kg	☼	109	70 - 135	3	30
Methoxychlor	0.0069	U	0.138	0.113		mg/Kg	☼	82	63 - 138	4	30
Methoxychlor	0.0069	U	0.138	0.125		mg/Kg	☼	91	63 - 138	5	30

Surrogate	*MSD %Recovery*	*MSD Qualifier*	*Limits*
DCB Decachlorobiphenyl	*79*		*10 - 150*
DCB Decachlorobiphenyl	*100*		*10 - 150*
Tetrachloro-m-xylene	*78*		*14 - 150*
Tetrachloro-m-xylene	*82*		*14 - 150*

Method: 8082A - Polychlorinated Biphenyls (PCBs) by Gas Chromatography

Lab Sample ID: MB 460-1065429/1-A
Matrix: Solid
Analysis Batch: 1065479

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 1065429

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Aroclor 1016	0.067	U	0.067	0.018	mg/Kg		10/02/25 17:41	10/03/25 14:30	1
Aroclor 1016	0.067	U	0.067	0.018	mg/Kg		10/02/25 17:41	10/03/25 14:30	1
Aroclor 1221	0.067	U	0.067	0.018	mg/Kg		10/02/25 17:41	10/03/25 14:30	1
Aroclor 1221	0.067	U	0.067	0.018	mg/Kg		10/02/25 17:41	10/03/25 14:30	1
Aroclor 1232	0.067	U	0.067	0.018	mg/Kg		10/02/25 17:41	10/03/25 14:30	1
Aroclor 1232	0.067	U	0.067	0.018	mg/Kg		10/02/25 17:41	10/03/25 14:30	1
Aroclor 1242	0.067	U	0.067	0.018	mg/Kg		10/02/25 17:41	10/03/25 14:30	1
Aroclor 1242	0.067	U	0.067	0.018	mg/Kg		10/02/25 17:41	10/03/25 14:30	1
Aroclor 1248	0.067	U	0.067	0.018	mg/Kg		10/02/25 17:41	10/03/25 14:30	1
Aroclor 1248	0.067	U	0.067	0.018	mg/Kg		10/02/25 17:41	10/03/25 14:30	1
Aroclor 1254	0.067	U	0.067	0.018	mg/Kg		10/02/25 17:41	10/03/25 14:30	1
Aroclor 1254	0.067	U	0.067	0.018	mg/Kg		10/02/25 17:41	10/03/25 14:30	1
Aroclor 1260	0.067	U	0.067	0.018	mg/Kg		10/02/25 17:41	10/03/25 14:30	1
Aroclor 1260	0.067	U	0.067	0.018	mg/Kg		10/02/25 17:41	10/03/25 14:30	1
Aroclor-1262	0.067	U	0.067	0.018	mg/Kg		10/02/25 17:41	10/03/25 14:30	1
Aroclor-1262	0.067	U	0.067	0.018	mg/Kg		10/02/25 17:41	10/03/25 14:30	1
Aroclor 1268	0.067	U	0.067	0.018	mg/Kg		10/02/25 17:41	10/03/25 14:30	1
Aroclor 1268	0.067	U	0.067	0.018	mg/Kg		10/02/25 17:41	10/03/25 14:30	1
Polychlorinated biphenyls, Total	0.067	U	0.067	0.018	mg/Kg		10/02/25 17:41	10/03/25 14:30	1
Polychlorinated biphenyls, Total	0.067	U	0.067	0.018	mg/Kg		10/02/25 17:41	10/03/25 14:30	1

Surrogate	*MB %Recovery*	*MB Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
DCB Decachlorobiphenyl	*88*		*10 - 150*	*10/02/25 17:41*	*10/03/25 14:30*	*1*
DCB Decachlorobiphenyl	*96*		*10 - 150*	*10/02/25 17:41*	*10/03/25 14:30*	*1*
Tetrachloro-m-xylene	*86*		*10 - 150*	*10/02/25 17:41*	*10/03/25 14:30*	*1*
Tetrachloro-m-xylene	*90*		*10 - 150*	*10/02/25 17:41*	*10/03/25 14:30*	*1*

Lab Sample ID: LCS 460-1065429/2-A
Matrix: Solid
Analysis Batch: 1065479

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 1065429

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
Aroclor 1016	0.333	0.354		mg/Kg		106	59 - 149
Aroclor 1016	0.333	0.377		mg/Kg		113	59 - 149
Aroclor 1260	0.333	0.342		mg/Kg		103	62 - 145
Aroclor 1260	0.333	0.410		mg/Kg		123	62 - 145

Surrogate	*LCS %Recovery*	*LCS Qualifier*	*Limits*
DCB Decachlorobiphenyl	*108*		*10 - 150*
DCB Decachlorobiphenyl	*134*		*10 - 150*
Tetrachloro-m-xylene	*104*		*10 - 150*
Tetrachloro-m-xylene	*101*		*10 - 150*

Method: 8082A - Polychlorinated Biphenyls (PCBs) by Gas Chromatography (Continued)

Lab Sample ID: LCSD 460-1065429/3-A
Matrix: Solid
Analysis Batch: 1065479

Client Sample ID: Lab Control Sample Dup
Prep Type: Total/NA
Prep Batch: 1065429

Analyte			Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Aroclor 1016			0.333	0.336		mg/Kg		101	59 - 149	5	30
Aroclor 1016			0.333	0.328		mg/Kg		98	59 - 149	14	30
Aroclor 1260			0.333	0.364		mg/Kg		109	62 - 145	6	30
Aroclor 1260			0.333	0.359		mg/Kg		108	62 - 145	13	30

Surrogate	*LCSD %Recovery*	*LCSD Qualifier*	*Limits*
DCB Decachlorobiphenyl	*107*		*10 - 150*
DCB Decachlorobiphenyl	*113*		*10 - 150*
Tetrachloro-m-xylene	*111*		*10 - 150*
Tetrachloro-m-xylene	*113*		*10 - 150*

Lab Sample ID: 460-336188-E-1-A MS
Matrix: Solid
Analysis Batch: 1065479

Client Sample ID: Matrix Spike
Prep Type: Total/NA
Prep Batch: 1065429

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec Limits
Aroclor 1016	0.069	U	0.344	0.367		mg/Kg	☼	107	59 - 149
Aroclor 1016	0.069	U	0.344	0.367		mg/Kg	☼	107	59 - 149
Aroclor 1260	0.069	U	0.344	0.361		mg/Kg	☼	105	62 - 145
Aroclor 1260	0.069	U	0.344	0.362		mg/Kg	☼	105	62 - 145

Surrogate	*MS %Recovery*	*MS Qualifier*	*Limits*
DCB Decachlorobiphenyl	*111*		*10 - 150*
DCB Decachlorobiphenyl	*115*		*10 - 150*
Tetrachloro-m-xylene	*117*		*10 - 150*
Tetrachloro-m-xylene	*119*		*10 - 150*

Lab Sample ID: 460-336188-E-1-B MSD
Matrix: Solid
Analysis Batch: 1065479

Client Sample ID: Matrix Spike Duplicate
Prep Type: Total/NA
Prep Batch: 1065429

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Aroclor 1016	0.069	U	0.344	0.281		mg/Kg	☼	82	59 - 149	27	30
Aroclor 1016	0.069	U	0.344	0.285		mg/Kg	☼	83	59 - 149	25	30
Aroclor 1260	0.069	U	0.344	0.296		mg/Kg	☼	86	62 - 145	20	30
Aroclor 1260	0.069	U	0.344	0.297		mg/Kg	☼	86	62 - 145	20	30

Surrogate	*MSD %Recovery*	*MSD Qualifier*	*Limits*
DCB Decachlorobiphenyl	*87*		*10 - 150*
DCB Decachlorobiphenyl	*92*		*10 - 150*
Tetrachloro-m-xylene	*87*		*10 - 150*
Tetrachloro-m-xylene	*90*		*10 - 150*

Method: 1633A - Per- and Polyfluoroalkyl Substances by LC/MS/MS, 1633A

Lab Sample ID: MB 410-710287/1-A
Matrix: Solid
Analysis Batch: 710138

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 710287

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Perfluorobutanoic acid (PFBA)	0.40	U	0.40	0.10	ug/Kg		10/07/25 14:14	10/07/25 22:03	1
Perfluoropentanoic acid (PFPeA)	0.20	U	0.20	0.10	ug/Kg		10/07/25 14:14	10/07/25 22:03	1
Perfluorohexanoic acid (PFHxA)	0.20	U	0.20	0.10	ug/Kg		10/07/25 14:14	10/07/25 22:03	1
Perfluoroheptanoic acid (PFHpA)	0.20	U	0.20	0.10	ug/Kg		10/07/25 14:14	10/07/25 22:03	1
Perfluorooctanoic acid (PFOA)	0.20	U	0.20	0.060	ug/Kg		10/07/25 14:14	10/07/25 22:03	1
Perfluorononanoic acid (PFNA)	0.20	U	0.20	0.10	ug/Kg		10/07/25 14:14	10/07/25 22:03	1
Perfluorodecanoic acid (PFDA)	0.20	U	0.20	0.060	ug/Kg		10/07/25 14:14	10/07/25 22:03	1
Perfluoroundecanoic acid (PFUnA)	0.20	U	0.20	0.10	ug/Kg		10/07/25 14:14	10/07/25 22:03	1
Perfluorododecanoic acid (PFDoA)	0.20	U	0.20	0.10	ug/Kg		10/07/25 14:14	10/07/25 22:03	1
Perfluorotridecanoic acid (PFTrDA)	0.20	U	0.20	0.10	ug/Kg		10/07/25 14:14	10/07/25 22:03	1
Perfluorotetradecanoic acid (PFTeDA)	0.20	U	0.20	0.10	ug/Kg		10/07/25 14:14	10/07/25 22:03	1
Perfluorobutanesulfonic acid (PFBS)	0.20	U	0.20	0.10	ug/Kg		10/07/25 14:14	10/07/25 22:03	1
Perfluoropentanesulfonic acid (PFPeS)	0.20	U	0.20	0.10	ug/Kg		10/07/25 14:14	10/07/25 22:03	1
Perfluorohexanesulfonic acid (PFHxS)	0.20	U	0.20	0.10	ug/Kg		10/07/25 14:14	10/07/25 22:03	1
Perfluoroheptanesulfonic acid (PFHpS)	0.20	U	0.20	0.10	ug/Kg		10/07/25 14:14	10/07/25 22:03	1
Perfluorooctanesulfonic acid (PFOS)	0.20	U	0.20	0.10	ug/Kg		10/07/25 14:14	10/07/25 22:03	1
Perfluorononanesulfonic acid (PFNS)	0.20	U	0.20	0.10	ug/Kg		10/07/25 14:14	10/07/25 22:03	1
Perfluorodecanesulfonic acid (PFDS)	0.20	U	0.20	0.10	ug/Kg		10/07/25 14:14	10/07/25 22:03	1
Perfluorododecanesulfonic acid (PFDoS)	0.20	U	0.20	0.10	ug/Kg		10/07/25 14:14	10/07/25 22:03	1
1H,1H,2H,2H-Perfluorohexane sulfonic acid (4:2 FTS)	0.40	U	0.40	0.20	ug/Kg		10/07/25 14:14	10/07/25 22:03	1
1H,1H,2H,2H-Perfluorooctane sulfonic acid (6:2 FTS)	0.40	U	0.40	0.20	ug/Kg		10/07/25 14:14	10/07/25 22:03	1
1H,1H,2H,2H-Perfluorodecane sulfonic acid (8:2 FTS)	0.40	U	0.40	0.20	ug/Kg		10/07/25 14:14	10/07/25 22:03	1
Perfluorooctanesulfonamide (PFOSA)	0.20	U	0.20	0.10	ug/Kg		10/07/25 14:14	10/07/25 22:03	1
N-methylperfluorooctane sulfonamide (NMeFOSA)	0.20	U	0.20	0.10	ug/Kg		10/07/25 14:14	10/07/25 22:03	1
N-ethylperfluorooctane sulfonamide (NEtFOSA)	0.20	U	0.20	0.10	ug/Kg		10/07/25 14:14	10/07/25 22:03	1
N-methylperfluorooctanesulfonamidoacetic acid (NMeFOSAA)	0.20	U	0.20	0.10	ug/Kg		10/07/25 14:14	10/07/25 22:03	1
N-ethylperfluorooctanesulfonamidoacetic acid (NEtFOSAA)	0.20	U	0.20	0.10	ug/Kg		10/07/25 14:14	10/07/25 22:03	1
N-methylperfluorooctane sulfonamidoethanol (NMeFOSE)	1.00	U	1.00	0.50	ug/Kg		10/07/25 14:14	10/07/25 22:03	1
N-ethylperfluorooctane sulfonamidoethanol (NEtFOSE)	1.00	U	1.00	0.50	ug/Kg		10/07/25 14:14	10/07/25 22:03	1
Hexafluoropropylene Oxide Dimer Acid (HFPO-DA)	0.20	U	0.20	0.10	ug/Kg		10/07/25 14:14	10/07/25 22:03	1
4,8-Dioxa-3H-perfluorononanoic acid (ADONA)	0.20	U	0.20	0.10	ug/Kg		10/07/25 14:14	10/07/25 22:03	1
Perfluoro-3-methoxypropanoic acid (PFMPA)	0.20	U	0.20	0.10	ug/Kg		10/07/25 14:14	10/07/25 22:03	1
Perfluoro-4-methoxybutanoic acid (PFMBA)	0.20	U	0.20	0.10	ug/Kg		10/07/25 14:14	10/07/25 22:03	1
Nonafluoro-3,6-dioxaheptanoic acid (NFDHA)	0.20	U	0.20	0.10	ug/Kg		10/07/25 14:14	10/07/25 22:03	1
9-Chlorohexadecafluoro-3-oxanonane-1-sulfonic acid (9Cl-PF3ONS)	0.20	U	0.20	0.10	ug/Kg		10/07/25 14:14	10/07/25 22:03	1

Method: 1633A - Per- and Polyfluoroalkyl Substances by LC/MS/MS, 1633A (Continued)

Lab Sample ID: MB 410-710287/1-A
Matrix: Solid
Analysis Batch: 710138

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 710287

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
11-Chloroeicosafluoro-3-oxaundecane-1-sulfonic acid (11Cl-PF3OUdS)	0.20	U	0.20	0.10	ug/Kg		10/07/25 14:14	10/07/25 22:03	1
Perfluoro (2-ethoxyethane) sulfonic acid (PFEESA)	0.20	U	0.20	0.10	ug/Kg		10/07/25 14:14	10/07/25 22:03	1
3-Perfluoropropylpropanoic acid (3:3 FTCA)	0.40	U	0.40	0.20	ug/Kg		10/07/25 14:14	10/07/25 22:03	1
3-Perfluoropentylpropanoic acid (5:3 FTCA)	1.00	U	1.00	0.50	ug/Kg		10/07/25 14:14	10/07/25 22:03	1
3-Perfluoroheptylpropanoic acid (7:3 FTCA)	1.00	U	1.00	0.50	ug/Kg		10/07/25 14:14	10/07/25 22:03	1

Isotope Dilution	*MB %Recovery*	*MB Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
13C4 PFBA	*112*		*8 - 130*	*10/07/25 14:14*	*10/07/25 22:03*	*1*
13C5 PFPeA	*122*		*35 - 130*	*10/07/25 14:14*	*10/07/25 22:03*	*1*
13C5 PFHxA	*110*		*40 - 130*	*10/07/25 14:14*	*10/07/25 22:03*	*1*
13C4 PFHpA	*113*		*40 - 130*	*10/07/25 14:14*	*10/07/25 22:03*	*1*
13C8 PFOA	*105*		*40 - 130*	*10/07/25 14:14*	*10/07/25 22:03*	*1*
13C9 PFNA	*102*		*40 - 130*	*10/07/25 14:14*	*10/07/25 22:03*	*1*
13C6 PFDA	*107*		*40 - 130*	*10/07/25 14:14*	*10/07/25 22:03*	*1*
13C7 PFUnA	*101*		*40 - 130*	*10/07/25 14:14*	*10/07/25 22:03*	*1*
13C2 PFTeDA	*88.2*		*20 - 130*	*10/07/25 14:14*	*10/07/25 22:03*	*1*
13C3 PFBS	*111*		*40 - 135*	*10/07/25 14:14*	*10/07/25 22:03*	*1*
13C3 PFHxS	*109*		*40 - 130*	*10/07/25 14:14*	*10/07/25 22:03*	*1*
13C8 PFOS	*106*		*40 - 130*	*10/07/25 14:14*	*10/07/25 22:03*	*1*
13C8 FOSA	*65.6*		*40 - 130*	*10/07/25 14:14*	*10/07/25 22:03*	*1*
d3-NMeFOSAA	*68.9*		*40 - 135*	*10/07/25 14:14*	*10/07/25 22:03*	*1*
d5-NEtFOSAA	*63.9*		*40 - 150*	*10/07/25 14:14*	*10/07/25 22:03*	*1*
13C2 4:2 FTS	*108*		*40 - 165*	*10/07/25 14:14*	*10/07/25 22:03*	*1*
13C2 6:2 FTS	*112*		*40 - 215*	*10/07/25 14:14*	*10/07/25 22:03*	*1*
13C2 8:2 FTS	*88.1*		*40 - 275*	*10/07/25 14:14*	*10/07/25 22:03*	*1*
13C3 HFPO-DA	*106*		*40 - 130*	*10/07/25 14:14*	*10/07/25 22:03*	*1*
d7-N-MeFOSE-M	*50.3*		*20 - 130*	*10/07/25 14:14*	*10/07/25 22:03*	*1*
d9-N-EtFOSE-M	*43.1*		*15 - 130*	*10/07/25 14:14*	*10/07/25 22:03*	*1*
d5-NEtPFOSA	*54.8*		*10 - 130*	*10/07/25 14:14*	*10/07/25 22:03*	*1*
d3-NMePFOSA	*58.7*		*10 - 130*	*10/07/25 14:14*	*10/07/25 22:03*	*1*
13C2 PFDoA	*91.0*		*40 - 130*	*10/07/25 14:14*	*10/07/25 22:03*	*1*

Lab Sample ID: LCS 410-710287/2-A
Matrix: Solid
Analysis Batch: 710552

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 710287

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
Perfluorobutanoic acid (PFBA)	5.00	4.907		ug/Kg		98	70 - 140
Perfluoropentanoic acid (PFPeA)	2.50	2.362		ug/Kg		94	60 - 150
Perfluorohexanoic acid (PFHxA)	2.50	2.248		ug/Kg		90	65 - 140
Perfluoroheptanoic acid (PFHpA)	2.50	2.483		ug/Kg		99	65 - 145
Perfluorooctanoic acid (PFOA)	2.50	2.360		ug/Kg		94	70 - 150
Perfluorononanoic acid (PFNA)	2.50	2.277		ug/Kg		91	70 - 155
Perfluorodecanoic acid (PFDA)	2.50	2.379		ug/Kg		95	70 - 155

Method: 1633A - Per- and Polyfluoroalkyl Substances by LC/MS/MS, 1633A (Continued)

Lab Sample ID: LCS 410-710287/2-A
Matrix: Solid
Analysis Batch: 710552

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 710287

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
Perfluoroundecanoic acid (PFUnA)	2.50	2.380		ug/Kg		95	70 - 155
Perfluorododecanoic acid (PFDoA)	2.50	2.578		ug/Kg		103	70 - 150
Perfluorotridecanoic acid (PFTrDA)	2.50	2.396		ug/Kg		96	65 - 150
Perfluorotetradecanoic acid (PFTeDA)	2.50	2.508		ug/Kg		100	65 - 150
Perfluorobutanesulfonic acid (PFBS)	2.22	2.216		ug/Kg		100	65 - 145
Perfluoropentanesulfonic acid (PFPeS)	2.35	2.490		ug/Kg		106	55 - 160
Perfluorohexanesulfonic acid (PFHxS)	2.28	2.420		ug/Kg		106	60 - 150
Perfluoroheptanesulfonic acid (PFHpS)	2.39	2.363		ug/Kg		99	65 - 155
Perfluorooctanesulfonic acid (PFOS)	2.33	2.053		ug/Kg		88	65 - 160
Perfluorononanesulfonic acid (PFNS)	2.41	2.198		ug/Kg		91	55 - 140
Perfluorodecanesulfonic acid (PFDS)	2.41	2.238		ug/Kg		93	40 - 155
Perfluorododecanesulfonic acid (PFDoS)	2.43	2.023		ug/Kg		83	25 - 160
1H,1H,2H,2H-Perfluorohexane sulfonic acid (4:2 FTS)	4.69	4.840		ug/Kg		103	60 - 150
1H,1H,2H,2H-Perfluorooctane sulfonic acid (6:2 FTS)	4.76	5.012		ug/Kg		105	55 - 200
1H,1H,2H,2H-Perfluorodecane sulfonic acid (8:2 FTS)	4.80	5.155		ug/Kg		107	70 - 150
Perfluorooctanesulfonamide (PFOSA)	2.50	2.560		ug/Kg		102	70 - 140
N-methylperfluorooctane sulfonamide (NMeFOSA)	2.50	2.331		ug/Kg		93	70 - 155
N-ethylperfluorooctane sulfonamide (NEtFOSA)	2.50	2.434		ug/Kg		97	70 - 140
N-methylperfluorooctanesulfonamidoacetic acid (NMeFOSAA)	2.50	2.546		ug/Kg		102	65 - 155
N-ethylperfluorooctanesulfonamidoacetic acid (NEtFOSAA)	2.50	2.477		ug/Kg		99	65 - 165
N-methylperfluorooctane sulfonamidoethanol (NMeFOSE)	12.5	13.29		ug/Kg		106	70 - 140
N-ethylperfluorooctane sulfonamidoethanol (NEtFOSE)	12.5	13.56		ug/Kg		108	70 - 135
Hexafluoropropylene Oxide Dimer Acid (HFPO-DA)	1.88	1.819		ug/Kg		97	70 - 145
4,8-Dioxa-3H-perfluorononanoic acid (ADONA)	2.37	2.273		ug/Kg		96	70 - 160
Perfluoro-3-methoxypropanoic acid (PFMPA)	2.50	2.108		ug/Kg		84	30 - 140
Perfluoro-4-methoxybutanoic acid (PFMBA)	2.50	2.367		ug/Kg		95	60 - 150
Nonafluoro-3,6-dioxaheptanoic acid (NFDHA)	2.50	2.206		ug/Kg		88	60 - 155

Method: 1633A - Per- and Polyfluoroalkyl Substances by LC/MS/MS, 1633A (Continued)

Lab Sample ID: LCS 410-710287/2-A
Matrix: Solid
Analysis Batch: 710552

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 710287

Analyte			Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits		
9-Chlorohexadecafluoro-3-oxanonane-1-sulfonic acid (9Cl-PF3ONS)			2.34	2.212		ug/Kg		95	70 - 150		
11-Chloroeicosafluoro-3-oxaundecane-1-sulfonic acid (11Cl-PF3OUdS)			2.36	2.237		ug/Kg		95	45 - 160		
Perfluoro (2-ethoxyethane) sulfonic acid (PFEESA)			2.23	2.137		ug/Kg		96	70 - 140		
3-Perfluoropropylpropanoic acid (3:3 FTCA)			5.00	4.158		ug/Kg		83	45 - 130		
3-Perfluoropentylpropanoic acid (5:3 FTCA)			12.5	10.50		ug/Kg		84	60 - 130		
3-Perfluoroheptylpropanoic acid (7:3 FTCA)			12.5	9.633		ug/Kg		77	60 - 150		

Isotope Dilution	*LCS %Recovery*	*LCS Qualifier*	*Limits*
13C4 PFBA	*105*		*8 - 130*
13C5 PFPeA	*101*		*35 - 130*
13C5 PFHxA	*106*		*40 - 130*
13C4 PFHpA	*96.6*		*40 - 130*
13C8 PFOA	*101*		*40 - 130*
13C9 PFNA	*111*		*40 - 130*
13C6 PFDA	*98.5*		*40 - 130*
13C7 PFUnA	*98.6*		*40 - 130*
13C2 PFTeDA	*84.2*		*20 - 130*
13C3 PFBS	*110*		*40 - 135*
13C3 PFHxS	*102*		*40 - 130*
13C8 PFOS	*108*		*40 - 130*
13C8 FOSA	*99.5*		*40 - 130*
d3-NMeFOSAA	*106*		*40 - 135*
d5-NEtFOSAA	*97.1*		*40 - 150*
13C2 4:2 FTS	*105*		*40 - 165*
13C2 6:2 FTS	*101*		*40 - 215*
13C2 8:2 FTS	*121*		*40 - 275*
13C3 HFPO-DA	*101*		*40 - 130*
d7-N-MeFOSE-M	*90.7*		*20 - 130*
d9-N-EtFOSE-M	*80.7*		*15 - 130*
d5-NEtPFOSA	*89.1*		*10 - 130*
d3-NMePFOSA	*95.3*		*10 - 130*
13C2 PFDoA	*99.9*		*40 - 130*

Lab Sample ID: LCSD 410-710287/3-A
Matrix: Solid
Analysis Batch: 710552

Client Sample ID: Lab Control Sample Dup
Prep Type: Total/NA
Prep Batch: 710287

Analyte			Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Perfluorobutanoic acid (PFBA)			5.00	4.972		ug/Kg		99	70 - 140	1	30
Perfluoropentanoic acid (PFPeA)			2.50	2.323		ug/Kg		93	60 - 150	2	30
Perfluorohexanoic acid (PFHxA)			2.50	2.462		ug/Kg		98	65 - 140	9	30
Perfluoroheptanoic acid (PFHpA)			2.50	2.591		ug/Kg		104	65 - 145	4	30
Perfluorooctanoic acid (PFOA)			2.50	2.352		ug/Kg		94	70 - 150	0	30

Method: 1633A - Per- and Polyfluoroalkyl Substances by LC/MS/MS, 1633A (Continued)

Lab Sample ID: LCSD 410-710287/3-A
Matrix: Solid
Analysis Batch: 710552

Client Sample ID: Lab Control Sample Dup
Prep Type: Total/NA
Prep Batch: 710287

Analyte	Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Perfluorononanoic acid (PFNA)	2.50	2.397		ug/Kg		96	70 - 155	5	30
Perfluorodecanoic acid (PFDA)	2.50	2.446		ug/Kg		98	70 - 155	3	30
Perfluoroundecanoic acid (PFUnA)	2.50	2.333		ug/Kg		93	70 - 155	2	30
Perfluorododecanoic acid (PFDoA)	2.50	2.437		ug/Kg		97	70 - 150	6	30
Perfluorotridecanoic acid (PFTrDA)	2.50	2.473		ug/Kg		99	65 - 150	3	30
Perfluorotetradecanoic acid (PFTeDA)	2.50	2.517		ug/Kg		101	65 - 150	0	30
Perfluorobutanesulfonic acid (PFBS)	2.22	2.193		ug/Kg		99	65 - 145	1	30
Perfluoropentanesulfonic acid (PFPeS)	2.35	2.525		ug/Kg		107	55 - 160	1	30
Perfluorohexanesulfonic acid (PFHxS)	2.28	2.487		ug/Kg		109	60 - 150	3	30
Perfluoroheptanesulfonic acid (PFHpS)	2.39	2.309		ug/Kg		97	65 - 155	2	30
Perfluorooctanesulfonic acid (PFOS)	2.33	2.131		ug/Kg		92	65 - 160	4	30
Perfluorononanesulfonic acid (PFNS)	2.41	2.357		ug/Kg		98	55 - 140	7	30
Perfluorodecanesulfonic acid (PFDS)	2.41	2.424		ug/Kg		101	40 - 155	8	30
Perfluorododecanesulfonic acid (PFDoS)	2.43	2.181		ug/Kg		90	25 - 160	8	30
1H,1H,2H,2H-Perfluorohexane sulfonic acid (4:2 FTS)	4.69	4.855		ug/Kg		104	60 - 150	0	30
1H,1H,2H,2H-Perfluorooctane sulfonic acid (6:2 FTS)	4.76	5.081		ug/Kg		107	55 - 200	1	30
1H,1H,2H,2H-Perfluorodecane sulfonic acid (8:2 FTS)	4.80	4.525		ug/Kg		94	70 - 150	13	30
Perfluorooctanesulfonamide (PFOSA)	2.50	2.578		ug/Kg		103	70 - 140	1	30
N-methylperfluorooctane sulfonamide (NMeFOSA)	2.50	2.483		ug/Kg		99	70 - 155	6	30
N-ethylperfluorooctane sulfonamide (NEtFOSA)	2.50	2.418		ug/Kg		97	70 - 140	1	30
N-methylperfluorooctanesulfonamidoacetic acid (NMeFOSAA)	2.50	2.433		ug/Kg		97	65 - 155	5	30
N-ethylperfluorooctanesulfonamidoacetic acid (NEtFOSAA)	2.50	2.440		ug/Kg		98	65 - 165	1	30
N-methylperfluorooctane sulfonamidoethanol (NMeFOSE)	12.5	13.41		ug/Kg		107	70 - 140	1	30
N-ethylperfluorooctane sulfonamidoethanol (NEtFOSE)	12.5	13.59		ug/Kg		109	70 - 135	0	30
Hexafluoropropylene Oxide Dimer Acid (HFPO-DA)	1.88	1.906		ug/Kg		102	70 - 145	5	30
4,8-Dioxa-3H-perfluorononanoic acid (ADONA)	2.37	2.409		ug/Kg		102	70 - 160	6	30
Perfluoro-3-methoxypropanoic acid (PFMPA)	2.50	2.073		ug/Kg		83	30 - 140	2	30
Perfluoro-4-methoxybutanoic acid (PFMBA)	2.50	2.347		ug/Kg		94	60 - 150	1	30

Method: 1633A - Per- and Polyfluoroalkyl Substances by LC/MS/MS, 1633A (Continued)

Lab Sample ID: LCSD 410-710287/3-A
Matrix: Solid
Analysis Batch: 710552

Client Sample ID: Lab Control Sample Dup
Prep Type: Total/NA
Prep Batch: 710287

Analyte			Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Nonafluoro-3,6-dioxaheptanoic acid (NFDHA)			2.50	2.258		ug/Kg		90	60 - 155	2	30
9-Chlorohexadecafluoro-3-oxanonane-1-sulfonic acid (9Cl-PF3ONS)			2.34	2.377		ug/Kg		102	70 - 150	7	30
11-Chloroeicosafluoro-3-oxaundecane-1-sulfonic acid (11Cl-PF3OUdS)			2.36	2.393		ug/Kg		101	45 - 160	7	30
Perfluoro (2-ethoxyethane) sulfonic acid (PFEESA)			2.23	2.320		ug/Kg		104	70 - 140	8	30
3-Perfluoropropylpropanoic acid (3:3 FTCA)			5.00	4.046		ug/Kg		81	45 - 130	3	30
3-Perfluoropentylpropanoic acid (5:3 FTCA)			12.5	11.07		ug/Kg		89	60 - 130	5	30
3-Perfluoroheptylpropanoic acid (7:3 FTCA)			12.5	10.66		ug/Kg		85	60 - 150	10	30

Isotope Dilution	*LCSD %Recovery*	*LCSD Qualifier*	*Limits*
13C4 PFBA	*101*		*8 - 130*
13C5 PFPeA	*105*		*35 - 130*
13C5 PFHxA	*99.4*		*40 - 130*
13C4 PFHpA	*94.0*		*40 - 130*
13C8 PFOA	*97.2*		*40 - 130*
13C9 PFNA	*98.4*		*40 - 130*
13C6 PFDA	*97.0*		*40 - 130*
13C7 PFUnA	*101*		*40 - 130*
13C2 PFTeDA	*83.7*		*20 - 130*
13C3 PFBS	*107*		*40 - 135*
13C3 PFHxS	*94.5*		*40 - 130*
13C8 PFOS	*95.1*		*40 - 130*
13C8 FOSA	*94.0*		*40 - 130*
d3-NMeFOSAA	*101*		*40 - 135*
d5-NEtFOSAA	*94.6*		*40 - 150*
13C2 4:2 FTS	*99.3*		*40 - 165*
13C2 6:2 FTS	*94.2*		*40 - 215*
13C2 8:2 FTS	*125*		*40 - 275*
13C3 HFPO-DA	*98.9*		*40 - 130*
d7-N-MeFOSE-M	*88.7*		*20 - 130*
d9-N-EtFOSE-M	*82.9*		*15 - 130*
d5-NEtPFOSA	*84.8*		*10 - 130*
d3-NMePFOSA	*87.8*		*10 - 130*
13C2 PFDoA	*99.9*		*40 - 130*

Lab Sample ID: LLCS 410-710287/4-A
Matrix: Solid
Analysis Batch: 710552

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 710287

Analyte			Spike Added	LLCS Result	LLCS Qualifier	Unit	D	%Rec	%Rec Limits
Perfluorobutanoic acid (PFBA)			0.500	0.421		ug/Kg		84	70 - 140
Perfluoropentanoic acid (PFPeA)			0.250	0.217		ug/Kg		87	60 - 150
Perfluorohexanoic acid (PFHxA)			0.250	0.241		ug/Kg		97	65 - 140

Method: 1633A - Per- and Polyfluoroalkyl Substances by LC/MS/MS, 1633A (Continued)

Lab Sample ID: LLCS 410-710287/4-A
Matrix: Solid
Analysis Batch: 710552

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 710287

Analyte	Spike Added	LLCS Result	LLCS Qualifier	Unit	D	%Rec	%Rec Limits
Perfluoroheptanoic acid (PFHpA)	0.250	0.264		ug/Kg		106	65 - 145
Perfluorooctanoic acid (PFOA)	0.250	0.261		ug/Kg		104	70 - 150
Perfluorononanoic acid (PFNA)	0.250	0.242		ug/Kg		97	70 - 155
Perfluorodecanoic acid (PFDA)	0.250	0.234		ug/Kg		94	70 - 155
Perfluoroundecanoic acid (PFUnA)	0.250	0.238		ug/Kg		95	70 - 155
Perfluorododecanoic acid (PFDoA)	0.250	0.229		ug/Kg		92	70 - 150
Perfluorotridecanoic acid (PFTrDA)	0.250	0.218		ug/Kg		87	65 - 150
Perfluorotetradecanoic acid (PFTeDA)	0.250	0.216		ug/Kg		86	65 - 150
Perfluorobutanesulfonic acid (PFBS)	0.222	0.197	J	ug/Kg		89	65 - 145
Perfluoropentanesulfonic acid (PFPeS)	0.235	0.234		ug/Kg		100	55 - 160
Perfluorohexanesulfonic acid (PFHxS)	0.228	0.240		ug/Kg		105	60 - 150
Perfluoroheptanesulfonic acid (PFHpS)	0.239	0.231		ug/Kg		97	65 - 155
Perfluorooctanesulfonic acid (PFOS)	0.233	0.208		ug/Kg		89	65 - 160
Perfluorononanesulfonic acid (PFNS)	0.241	0.209		ug/Kg		87	55 - 140
Perfluorodecanesulfonic acid (PFDS)	0.241	0.210		ug/Kg		87	40 - 155
Perfluorododecanesulfonic acid (PFDoS)	0.243	0.188	J	ug/Kg		78	25 - 160
1H,1H,2H,2H-Perfluorohexane sulfonic acid (4:2 FTS)	0.469	0.480		ug/Kg		102	60 - 150
1H,1H,2H,2H-Perfluorooctane sulfonic acid (6:2 FTS)	0.476	0.475		ug/Kg		100	55 - 200
1H,1H,2H,2H-Perfluorodecane sulfonic acid (8:2 FTS)	0.480	0.467		ug/Kg		97	70 - 150
Perfluorooctanesulfonamide (PFOSA)	0.250	0.262		ug/Kg		105	70 - 140
N-methylperfluorooctane sulfonamide (NMeFOSA)	0.250	0.240		ug/Kg		96	70 - 155
N-ethylperfluorooctane sulfonamide (NEtFOSA)	0.250	0.226		ug/Kg		90	70 - 140
N-methylperfluorooctanesulfonamidoacetic acid (NMeFOSAA)	0.250	0.185	J	ug/Kg		74	65 - 155
N-ethylperfluorooctanesulfonamidoacetic acid (NEtFOSAA)	0.250	0.256		ug/Kg		102	65 - 165
N-methylperfluorooctane sulfonamidoethanol (NMeFOSE)	1.25	1.344		ug/Kg		107	70 - 140
N-ethylperfluorooctane sulfonamidoethanol (NEtFOSE)	1.25	1.439		ug/Kg		115	70 - 135
Hexafluoropropylene Oxide Dimer Acid (HFPO-DA)	0.188	0.187	J	ug/Kg		100	70 - 145
4,8-Dioxa-3H-perfluorononanoic acid (ADONA)	0.237	0.239		ug/Kg		101	70 - 160
Perfluoro-3-methoxypropanoic acid (PFMPA)	0.250	0.206		ug/Kg		83	30 - 140

Method: 1633A - Per- and Polyfluoroalkyl Substances by LC/MS/MS, 1633A (Continued)

Lab Sample ID: LLCS 410-710287/4-A
Matrix: Solid
Analysis Batch: 710552

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 710287

Analyte	Spike Added	LLCS Result	LLCS Qualifier	Unit	D	%Rec	%Rec Limits
Perfluoro-4-methoxybutanoic acid (PFMBA)	0.250	0.226		ug/Kg		90	60 - 150
Nonafluoro-3,6-dioxaheptanoic acid (NFDHA)	0.250	0.223		ug/Kg		89	60 - 155
9-Chlorohexadecafluoro-3-oxanonane-1-sulfonic acid (9Cl-PF3ONS)	0.234	0.218		ug/Kg		93	70 - 150
11-Chloroeicosafluoro-3-oxaundecane-1-sulfonic acid (11Cl-PF3OUdS)	0.236	0.224		ug/Kg		95	45 - 160
Perfluoro (2-ethoxyethane) sulfonic acid (PFEESA)	0.223	0.180	J	ug/Kg		81	70 - 140
3-Perfluoropropylpropanoic acid (3:3 FTCA)	0.500	0.448		ug/Kg		90	45 - 130
3-Perfluoropentylpropanoic acid (5:3 FTCA)	1.25	1.231		ug/Kg		98	60 - 130
3-Perfluoroheptylpropanoic acid (7:3 FTCA)	1.25	1.128		ug/Kg		90	60 - 150

Isotope Dilution	*LLCS %Recovery*	*LLCS Qualifier*	*Limits*
13C4 PFBA	*93.5*		*8 - 130*
13C5 PFPeA	*89.8*		*35 - 130*
13C5 PFHxA	*91.6*		*40 - 130*
13C4 PFHpA	*88.2*		*40 - 130*
13C8 PFOA	*87.5*		*40 - 130*
13C9 PFNA	*94.3*		*40 - 130*
13C6 PFDA	*87.3*		*40 - 130*
13C7 PFUnA	*89.2*		*40 - 130*
13C2 PFTeDA	*79.5*		*20 - 130*
13C3 PFBS	*97.0*		*40 - 135*
13C3 PFHxS	*87.9*		*40 - 130*
13C8 PFOS	*96.9*		*40 - 130*
13C8 FOSA	*89.3*		*40 - 130*
d3-NMeFOSAA	*99.8*		*40 - 135*
d5-NEtFOSAA	*87.5*		*40 - 150*
13C2 4:2 FTS	*94.7*		*40 - 165*
13C2 6:2 FTS	*88.8*		*40 - 215*
13C2 8:2 FTS	*114*		*40 - 275*
13C3 HFPO-DA	*86.6*		*40 - 130*
d7-N-MeFOSE-M	*88.1*		*20 - 130*
d9-N-EtFOSE-M	*73.3*		*15 - 130*
d5-NEtPFOSA	*83.7*		*10 - 130*
d3-NMePFOSA	*88.2*		*10 - 130*
13C2 PFDoA	*89.1*		*40 - 130*

Method: 6020B - Metals (ICP/MS)

Lab Sample ID: MB 460-1066435/1-A
Matrix: Solid
Analysis Batch: 1066533

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 1066435

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Aluminum	20.0	U	20.0	5.5	mg/Kg		10/07/25 06:40	10/07/25 16:51	1
Antimony	1.0	U	1.0	0.15	mg/Kg		10/07/25 06:40	10/07/25 16:51	1
Arsenic	1.0	U	1.0	0.10	mg/Kg		10/07/25 06:40	10/07/25 16:51	1
Barium	2.0	U	2.0	0.15	mg/Kg		10/07/25 06:40	10/07/25 16:51	1
Beryllium	0.40	U	0.40	0.022	mg/Kg		10/07/25 06:40	10/07/25 16:51	1
Cadmium	1.0	U	1.0	0.11	mg/Kg		10/07/25 06:40	10/07/25 16:51	1
Calcium	100	U	100	9.7	mg/Kg		10/07/25 06:40	10/07/25 16:51	1
Chromium	2.0	U	2.0	0.30	mg/Kg		10/07/25 06:40	10/07/25 16:51	1
Cobalt	1.0	U	1.0	0.15	mg/Kg		10/07/25 06:40	10/07/25 16:51	1
Copper	2.0	U	2.0	0.37	mg/Kg		10/07/25 06:40	10/07/25 16:51	1
Iron	60.0	U	60.0	7.7	mg/Kg		10/07/25 06:40	10/07/25 16:51	1
Lead	0.60	U	0.60	0.20	mg/Kg		10/07/25 06:40	10/07/25 16:51	1
Magnesium	100	U	100	10.2	mg/Kg		10/07/25 06:40	10/07/25 16:51	1
Manganese	4.0	U	4.0	0.40	mg/Kg		10/07/25 06:40	10/07/25 16:51	1
Nickel	2.0	U	2.0	0.18	mg/Kg		10/07/25 06:40	10/07/25 16:51	1
Potassium	100	U	100	16.2	mg/Kg		10/07/25 06:40	10/07/25 16:51	1
Selenium	1.3	U	1.3	0.13	mg/Kg		10/07/25 06:40	10/07/25 16:51	1
Silver	0.40	U	0.40	0.089	mg/Kg		10/07/25 06:40	10/07/25 16:51	1
Sodium	100	U	100	45.7	mg/Kg		10/07/25 06:40	10/07/25 16:51	1
Thallium	0.40	U	0.40	0.041	mg/Kg		10/07/25 06:40	10/07/25 16:51	1
Vanadium	2.0	U	2.0	0.21	mg/Kg		10/07/25 06:40	10/07/25 16:51	1
Zinc	8.0	U	8.0	1.1	mg/Kg		10/07/25 06:40	10/07/25 16:51	1

Lab Sample ID: LCSSRM 460-1066435/2-A
Matrix: Solid
Analysis Batch: 1066533

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 1066435

Analyte	Spike Added	LCSSRM Result	LCSSRM Qualifier	Unit	D	%Rec	%Rec Limits
Aluminum	6840	6381		mg/Kg		93.3	53.2 - 146.2
Antimony	131	97.90		mg/Kg		74.7	4.5 - 195.4
Arsenic	192	189.5		mg/Kg		98.7	81.3 - 118.8
Barium	219	207.7		mg/Kg		94.8	81.7 - 118.3
Beryllium	146	136.0		mg/Kg		93.1	82.2 - 117.8
Cadmium	114	119.0		mg/Kg		104.4	81.7 - 118.4
Calcium	4080	3999		mg/Kg		98.0	82.4 - 117.6
Chromium	153	158.6		mg/Kg		103.7	81.0 - 119.0
Cobalt	231	240.8		mg/Kg		104.2	83.1 - 117.3
Copper	91.2	92.34		mg/Kg		101.3	83.1 - 117.3
Iron	7020	6312		mg/Kg		89.9	60.7 - 139.2
Lead	141	134.7		mg/Kg		95.6	81.6 - 118.4

Method: 6020B - Metals (ICP/MS) (Continued)

Lab Sample ID: LCSSRM 460-1066435/2-A
Matrix: Solid
Analysis Batch: 1066533

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 1066435

Analyte	Spike Added	LCSSRM Result	LCSSRM Qualifier	Unit	D	%Rec	%Rec Limits
Magnesium	1900	1884		mg/Kg		99.1	76.3 - 123.7
Manganese	401	398.6		mg/Kg		99.4	80.8 - 119.0
Nickel	143	154.1		mg/Kg		107.7	81.8 - 118.9
Potassium	1760	1633		mg/Kg		92.8	72.2 - 127.8
Selenium	94.7	99.25		mg/Kg		104.8	78.5 - 121.4
Silver	77.0	75.26		mg/Kg		97.7	79.4 - 120.6
Sodium	661	701.6		mg/Kg		106.1	73.7 - 126.2
Thallium	183	187.5		mg/Kg		102.5	80.3 - 119.7
Vanadium	159	158.0		mg/Kg		99.4	78.6 - 122.0
Zinc	292	307.6		mg/Kg		105.4	79.8 - 120.2

Lab Sample ID: 460-336212-1 MS
Matrix: Solid
Analysis Batch: 1066533

Client Sample ID: 60A_0-4
Prep Type: Total/NA
Prep Batch: 1066435

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec Limits
Aluminum	4910		537	6826	4	mg/Kg	☼	357	75 - 125
Antimony	0.83	J	5.37	3.47	N	mg/Kg	☼	49	75 - 125
Arsenic	8.1		10.7	17.85		mg/Kg	☼	90	75 - 125
Barium	42.3		10.7	53.26		mg/Kg	☼	102	75 - 125
Beryllium	0.55		5.37	5.47		mg/Kg	☼	92	75 - 125
Cadmium	0.23	J	5.37	5.32		mg/Kg	☼	95	75 - 125
Calcium	874		537	1463		mg/Kg	☼	110	75 - 125
Chromium	15.2		10.7	28.65		mg/Kg	☼	125	75 - 125
Cobalt	6.8		5.37	11.78		mg/Kg	☼	94	75 - 125
Copper	52.5		10.7	67.79	4	mg/Kg	☼	143	75 - 125
Iron	18200		537	21360	4	mg/Kg	☼	580	75 - 125
Lead	97.9		5.37	136.8	4	mg/Kg	☼	726	75 - 125
Magnesium	1280		537	1999	N	mg/Kg	☼	135	75 - 125
Manganese	171		53.7	217.0		mg/Kg	☼	86	75 - 125
Nickel	19.2		10.7	34.73	N	mg/Kg	☼	145	75 - 125
Potassium	778		537	1481	N	mg/Kg	☼	131	75 - 125
Selenium	0.40	J	10.7	10.32		mg/Kg	☼	92	75 - 125
Silver	0.20	J	5.37	5.19		mg/Kg	☼	93	75 - 125
Sodium	80.6	J	537	593.7		mg/Kg	☼	96	75 - 125
Thallium	0.068	J	4.29	4.05		mg/Kg	☼	93	75 - 125
Vanadium	20.8		10.7	34.17		mg/Kg	☼	125	75 - 125
Zinc	122		53.7	181.8		mg/Kg	☼	112	75 - 125

Method: 6020B - Metals (ICP/MS) (Continued)

Lab Sample ID: 460-336212-1 DU
Matrix: Solid
Analysis Batch: 1066533

Client Sample ID: 60A_0-4
Prep Type: Total/NA
Prep Batch: 1066435

Analyte	Sample Result	Sample Qualifier	DU Result	DU Qualifier	Unit	D	RPD	RPD Limit
Aluminum	4910		4862		mg/Kg	☼	1	20
Antimony	0.83	J	0.917	J	mg/Kg	☼	11	20
Arsenic	8.1		8.40		mg/Kg	☼	3	20
Barium	42.3		39.44		mg/Kg	☼	7	20
Beryllium	0.55		0.543		mg/Kg	☼	1	20
Cadmium	0.23	J	0.253	J	mg/Kg	☼	11	20
Calcium	874		873.9		mg/Kg	☼	0	20
Chromium	15.2		17.61		mg/Kg	☼	15	20
Cobalt	6.8		6.90		mg/Kg	☼	2	20
Copper	52.5		55.45		mg/Kg	☼	6	20
Iron	18200		21390		mg/Kg	☼	16	20
Lead	97.9		106.7		mg/Kg	☼	9	20
Magnesium	1280		1204		mg/Kg	☼	6	20
Manganese	171		183.6		mg/Kg	☼	7	20
Nickel	19.2		21.28		mg/Kg	☼	10	20
Potassium	778		787.4		mg/Kg	☼	1	20
Selenium	0.40	J	0.358	J	mg/Kg	☼	10	20
Silver	0.20	J	0.201	J	mg/Kg	☼	2	20
Sodium	80.6	J	76.09	J	mg/Kg	☼	6	20
Thallium	0.068	J	0.0681	J	mg/Kg	☼	0.3	20
Vanadium	20.8		31.29	*	mg/Kg	☼	40	20
Zinc	122		114.5		mg/Kg	☼	6	20

Method: 7471B - Mercury (CVAA)

Lab Sample ID: MB 460-1066930/1-A
Matrix: Solid
Analysis Batch: 1067054

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 1066930

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	0.017	U	0.017	0.0080	mg/Kg		10/09/25 01:39	10/09/25 07:59	1

Lab Sample ID: LCSSRM 460-1066930/2-A
Matrix: Solid
Analysis Batch: 1067054

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 1066930

Analyte	Spike Added	LCSSRM Result	LCSSRM Qualifier	Unit	D	%Rec	%Rec Limits
Mercury	14.1	12.44		mg/Kg		88.3	69.6 - 130.5

Lab Sample ID: 460-336212-1 MS
Matrix: Solid
Analysis Batch: 1067054

Client Sample ID: 60A_0-4
Prep Type: Total/NA
Prep Batch: 1066930

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec Limits
Mercury	0.050		0.0826	0.119		mg/Kg	☼	83	80 - 120

Method: 7471B - Mercury (CVAA) (Continued)

Lab Sample ID: 460-336212-1 DU
Matrix: Solid
Analysis Batch: 1067054

Client Sample ID: 60A_0-4
Prep Type: Total/NA
Prep Batch: 1066930

Analyte	Sample Result	Sample Qualifier	DU Result	DU Qualifier	Unit	D	RPD	RPD Limit
Mercury	0.050		0.0516		mg/Kg	☼	3	20

Lab Sample ID: MB 460-1066934/1-A
Matrix: Solid
Analysis Batch: 1067052

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 1066934

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	0.017	U	0.017	0.0080	mg/Kg		10/09/25 01:54	10/09/25 07:28	1

Lab Sample ID: LCSSRM 460-1066934/2-A
Matrix: Solid
Analysis Batch: 1067052

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 1066934

Analyte	Spike Added	LCSSRM Result	LCSSRM Qualifier	Unit	D	%Rec	%Rec Limits
Mercury	14.1	12.71		mg/Kg		90.2	69.6 - 130.5

Lab Sample ID: 460-335266-A-1-K MS
Matrix: Solid
Analysis Batch: 1067052

Client Sample ID: Matrix Spike
Prep Type: Total/NA
Prep Batch: 1066934

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec Limits
Mercury	0.015	J	0.0872	0.0962		mg/Kg	☼	93	80 - 120

Lab Sample ID: 460-335266-A-1-J DU
Matrix: Solid
Analysis Batch: 1067052

Client Sample ID: Duplicate
Prep Type: Total/NA
Prep Batch: 1066934

Analyte	Sample Result	Sample Qualifier	DU Result	DU Qualifier	Unit	D	RPD	RPD Limit
Mercury	0.015	J	0.0162	J	mg/Kg	☼	5	20

Method: Moisture - Percent Moisture

Lab Sample ID: 460-336212-33 DU
Matrix: Solid
Analysis Batch: 1066098

Client Sample ID: 43B3_3-4
Prep Type: Total/NA

Analyte	Sample Result	Sample Qualifier	DU Result	DU Qualifier	Unit	D	RPD	RPD Limit
Percent Moisture	10.9		17.8	*	%		47	20
Percent Solids	89.1		82.2		%		8	20

Lab Sample ID: 460-336212-53 DU
Matrix: Solid
Analysis Batch: 1066099

Client Sample ID: 6A2_2-3
Prep Type: Total/NA

Analyte	Sample Result	Sample Qualifier	DU Result	DU Qualifier	Unit	D	RPD	RPD Limit
Percent Moisture	7.6		14.4	*	%		63	20
Percent Solids	92.4		85.6		%		8	20

Method: Moisture - Percent Moisture (Continued)

Lab Sample ID: 460-336206-A-38 DU
Matrix: Solid
Analysis Batch: 1066315

Client Sample ID: Duplicate
Prep Type: Total/NA

Analyte	Sample Result	Sample Qualifier		DU Result	DU Qualifier	Unit	D			RPD	RPD Limit
Percent Moisture	7.8			8.1		%				4	20
Percent Solids	92.2			91.9		%				0.4	20

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Analysis Batch: 1066075

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
460-336212-38	8B1_1-2	Total/NA	Solid	8260D	1066104
460-336212-39	8B2_2-3	Total/NA	Solid	8260D	1066104
460-336212-41	8B1_5-6	Total/NA	Solid	8260D	1066104
460-336212-42	8B2_6-7	Total/NA	Solid	8260D	1066104
460-336212-43	8B3_8-9	Total/NA	Solid	8260D	1066104
460-336212-46	8A2_2-3	Total/NA	Solid	8260D	1066104
460-336212-47	8A3_4-5	Total/NA	Solid	8260D	1066104
460-336212-48	8A1_5-6	Total/NA	Solid	8260D	1066104
MB 460-1066075/7	Method Blank	Total/NA	Solid	8260D	
LCS 460-1066075/3	Lab Control Sample	Total/NA	Solid	8260D	
LCSD 460-1066075/4	Lab Control Sample Dup	Total/NA	Solid	8260D	

Prep Batch: 1066094

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
460-336212-17	60A1_1-2	Total/NA	Solid	5035	
460-336212-18	60A2_2-3	Total/NA	Solid	5035	
460-336212-19	60A3_7-8	Total/NA	Solid	5035	
460-336212-20	60A1_3-4	Total/NA	Solid	5035	
460-336212-21	60A2_4-5	Total/NA	Solid	5035	
460-336212-22	60A3_5-6	Total/NA	Solid	5035	
460-336212-23	60A1_6-7	Total/NA	Solid	5035	
460-336212-24	43A1_1-2	Total/NA	Solid	5035	
460-336212-25	43A2_2-3	Total/NA	Solid	5035	
460-336212-26	43A3_3-4	Total/NA	Solid	5035	
460-336212-27	43A1_4-5	Total/NA	Solid	5035	
460-336212-28	43A2_5-6	Total/NA	Solid	5035	
460-336212-29	43A3_6-7	Total/NA	Solid	5035	
460-336212-30	43A2_7-8	Total/NA	Solid	5035	
460-336212-31	43B1_1-2	Total/NA	Solid	5035	
460-336212-32	43B2_2-3	Total/NA	Solid	5035	
460-336212-33	43B3_3-4	Total/NA	Solid	5035	
460-336212-34	43B1_4-5	Total/NA	Solid	5035	
460-336212-35	43B2_5-6	Total/NA	Solid	5035	
460-336212-36	43B3_6-7	Total/NA	Solid	5035	

Prep Batch: 1066103

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
460-336212-51	8A1_9-10	Total/NA	Solid	5035	

Prep Batch: 1066104

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
460-336212-37	43B1_7-8	Total/NA	Solid	5035	
460-336212-38	8B1_1-2	Total/NA	Solid	5035	
460-336212-39	8B2_2-3	Total/NA	Solid	5035	
460-336212-40	8B3_4-5	Total/NA	Solid	5035	
460-336212-41	8B1_5-6	Total/NA	Solid	5035	
460-336212-42	8B2_6-7	Total/NA	Solid	5035	
460-336212-43	8B3_8-9	Total/NA	Solid	5035	
460-336212-44	8B2_9-10	Total/NA	Solid	5035	
460-336212-45	8A1_1-2	Total/NA	Solid	5035	
460-336212-46	8A2_2-3	Total/NA	Solid	5035	

GC/MS VOA (Continued)

Prep Batch: 1066104 (Continued)

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
460-336212-47	8A3_4-5	Total/NA	Solid	5035	
460-336212-48	8A1_5-6	Total/NA	Solid	5035	
460-336212-49	8A2_7-8	Total/NA	Solid	5035	
460-336212-50	8A3_8-9	Total/NA	Solid	5035	
460-336212-52	6A1_1-2	Total/NA	Solid	5035	
460-336212-53	6A2_2-3	Total/NA	Solid	5035	
460-336212-54	6A3_4-5	Total/NA	Solid	5035	
460-336212-55	6A1_5-6	Total/NA	Solid	5035	
460-336212-56	6A2_7-8	Total/NA	Solid	5035	
460-336212-57	6A3_9-10	Total/NA	Solid	5035	
460-336212-58	6A1_10-11	Total/NA	Solid	5035	
460-336212-59	6B1_1-2	Total/NA	Solid	5035	
460-336212-60	6B2_3-4	Total/NA	Solid	5035	
460-336212-61	6B3_2-3	Total/NA	Solid	5035	
460-336212-62	6B1_5-6	Total/NA	Solid	5035	
460-336212-63	6B2_6-7	Total/NA	Solid	5035	
460-336212-64	6B3_8-9	Total/NA	Solid	5035	
460-336212-65	6B1_9-10	Total/NA	Solid	5035	
460-336212-66	6C1_1-2	Total/NA	Solid	5035	
460-336212-67	6C2_2-3	Total/NA	Solid	5035	
460-336212-68	6C3_4-5	Total/NA	Solid	5035	
460-336212-69	6C1_5-6	Total/NA	Solid	5035	
460-336212-70	6C2_7-8	Total/NA	Solid	5035	
460-336212-71	6C3_9-10	Total/NA	Solid	5035	
460-336212-72	6C2_10-11	Total/NA	Solid	5035	

Analysis Batch: 1066241

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
460-336212-17	60A1_1-2	Total/NA	Solid	8260D	1066094
460-336212-18	60A2_2-3	Total/NA	Solid	8260D	1066094
460-336212-19	60A3_7-8	Total/NA	Solid	8260D	1066094
460-336212-20	60A1_3-4	Total/NA	Solid	8260D	1066094
460-336212-21	60A2_4-5	Total/NA	Solid	8260D	1066094
460-336212-22	60A3_5-6	Total/NA	Solid	8260D	1066094
460-336212-23	60A1_6-7	Total/NA	Solid	8260D	1066094
460-336212-24	43A1_1-2	Total/NA	Solid	8260D	1066094
460-336212-25	43A2_2-3	Total/NA	Solid	8260D	1066094
460-336212-26	43A3_3-4	Total/NA	Solid	8260D	1066094
460-336212-27	43A1_4-5	Total/NA	Solid	8260D	1066094
460-336212-28	43A2_5-6	Total/NA	Solid	8260D	1066094
460-336212-29	43A3_6-7	Total/NA	Solid	8260D	1066094
460-336212-30	43A2_7-8	Total/NA	Solid	8260D	1066094
460-336212-31	43B1_1-2	Total/NA	Solid	8260D	1066094
460-336212-32	43B2_2-3	Total/NA	Solid	8260D	1066094
460-336212-33	43B3_3-4	Total/NA	Solid	8260D	1066094
460-336212-34	43B1_4-5	Total/NA	Solid	8260D	1066094
460-336212-35	43B2_5-6	Total/NA	Solid	8260D	1066094
460-336212-36	43B3_6-7	Total/NA	Solid	8260D	1066094
MB 460-1066241/7	Method Blank	Total/NA	Solid	8260D	
LCS 460-1066241/3	Lab Control Sample	Total/NA	Solid	8260D	
LCSD 460-1066241/4	Lab Control Sample Dup	Total/NA	Solid	8260D	

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Analysis Batch: 1066253

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
460-336212-49	8A2_7-8	Total/NA	Solid	8260D	1066104
460-336212-50	8A3_8-9	Total/NA	Solid	8260D	1066104
460-336212-54	6A3_4-5	Total/NA	Solid	8260D	1066104
460-336212-55	6A1_5-6	Total/NA	Solid	8260D	1066104
460-336212-56	6A2_7-8	Total/NA	Solid	8260D	1066104
460-336212-57	6A3_9-10	Total/NA	Solid	8260D	1066104
460-336212-58	6A1_10-11	Total/NA	Solid	8260D	1066104
460-336212-60	6B2_3-4	Total/NA	Solid	8260D	1066104
460-336212-61	6B3_2-3	Total/NA	Solid	8260D	1066104
460-336212-62	6B1_5-6	Total/NA	Solid	8260D	1066104
460-336212-63	6B2_6-7	Total/NA	Solid	8260D	1066104
460-336212-65	6B1_9-10	Total/NA	Solid	8260D	1066104
460-336212-66	6C1_1-2	Total/NA	Solid	8260D	1066104
460-336212-67	6C2_2-3	Total/NA	Solid	8260D	1066104
460-336212-68	6C3_4-5	Total/NA	Solid	8260D	1066104
MB 460-1066253/7	Method Blank	Total/NA	Solid	8260D	
LCS 460-1066253/3	Lab Control Sample	Total/NA	Solid	8260D	
LCSD 460-1066253/4	Lab Control Sample Dup	Total/NA	Solid	8260D	

Analysis Batch: 1066254

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
460-336212-69	6C1_5-6	Total/NA	Solid	8260D	1066104
460-336212-70	6C2_7-8	Total/NA	Solid	8260D	1066104
460-336212-71	6C3_9-10	Total/NA	Solid	8260D	1066104
460-336212-72	6C2_10-11	Total/NA	Solid	8260D	1066104
MB 460-1066254/7	Method Blank	Total/NA	Solid	8260D	
LCS 460-1066254/3	Lab Control Sample	Total/NA	Solid	8260D	
LCSD 460-1066254/4	Lab Control Sample Dup	Total/NA	Solid	8260D	

Analysis Batch: 1066309

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
460-336212-37	43B1_7-8	Total/NA	Solid	8260D	1066104
460-336212-40	8B3_4-5	Total/NA	Solid	8260D	1066104
MB 460-1066309/7	Method Blank	Total/NA	Solid	8260D	
LCS 460-1066309/3	Lab Control Sample	Total/NA	Solid	8260D	
LCSD 460-1066309/4	Lab Control Sample Dup	Total/NA	Solid	8260D	

Analysis Batch: 1066310

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
460-336212-44	8B2_9-10	Total/NA	Solid	8260D	1066104
460-336212-45	8A1_1-2	Total/NA	Solid	8260D	1066104
MB 460-1066310/7	Method Blank	Total/NA	Solid	8260D	
LCS 460-1066310/3	Lab Control Sample	Total/NA	Solid	8260D	
LCSD 460-1066310/4	Lab Control Sample Dup	Total/NA	Solid	8260D	

Analysis Batch: 1066524

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
460-336212-52	6A1_1-2	Total/NA	Solid	8260D	1066104
460-336212-53	6A2_2-3	Total/NA	Solid	8260D	1066104
460-336212-59	6B1_1-2	Total/NA	Solid	8260D	1066104
460-336212-64	6B3_8-9	Total/NA	Solid	8260D	1066104

GC/MS VOA (Continued)

Analysis Batch: 1066524 (Continued)

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
MB 460-1066524/7	Method Blank	Total/NA	Solid	8260D	
LCS 460-1066524/3	Lab Control Sample	Total/NA	Solid	8260D	
LCSD 460-1066524/4	Lab Control Sample Dup	Total/NA	Solid	8260D	

Analysis Batch: 1067457

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
460-336212-51	8A1_9-10	Total/NA	Solid	8260D	1066103
MB 460-1067457/36	Method Blank	Total/NA	Solid	8260D	
LCS 460-1067457/34	Lab Control Sample	Total/NA	Solid	8260D	
LCSD 460-1067457/35	Lab Control Sample Dup	Total/NA	Solid	8260D	

GC/MS Semi VOA

Prep Batch: 1065439

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
460-336212-1	60A_0-4	Total/NA	Solid	3546	
460-336212-2	60A_4-8	Total/NA	Solid	3546	
460-336212-3	43A_0-4	Total/NA	Solid	3546	
460-336212-4	43A_4-8	Total/NA	Solid	3546	
460-336212-5	43B_0-4	Total/NA	Solid	3546	
460-336212-6	43B_4-8	Total/NA	Solid	3546	
460-336212-7	8A_0-5	Total/NA	Solid	3546	
460-336212-8	8A_5-10	Total/NA	Solid	3546	
460-336212-9	8B_0-5	Total/NA	Solid	3546	
460-336212-10	8B_5-10	Total/NA	Solid	3546	
460-336212-11	6A_0-6	Total/NA	Solid	3546	
460-336212-12	6A_6-12	Total/NA	Solid	3546	
460-336212-13	6B_0-6	Total/NA	Solid	3546	
460-336212-14	6B_6-12	Total/NA	Solid	3546	
460-336212-15	6C_0-6	Total/NA	Solid	3546	
460-336212-16	6C_6-12	Total/NA	Solid	3546	
MB 460-1065439/1-A	Method Blank	Total/NA	Solid	3546	
LCS 460-1065439/2-A	Lab Control Sample	Total/NA	Solid	3546	
LCSD 460-1065439/3-A	Lab Control Sample Dup	Total/NA	Solid	3546	
460-336212-1 MS	60A_0-4	Total/NA	Solid	3546	
460-336212-1 MSD	60A_0-4	Total/NA	Solid	3546	

Analysis Batch: 1065761

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
460-336212-1	60A_0-4	Total/NA	Solid	8270E	1065439
460-336212-2	60A_4-8	Total/NA	Solid	8270E	1065439
460-336212-3	43A_0-4	Total/NA	Solid	8270E	1065439
460-336212-4	43A_4-8	Total/NA	Solid	8270E	1065439
460-336212-5	43B_0-4	Total/NA	Solid	8270E	1065439
460-336212-6	43B_4-8	Total/NA	Solid	8270E	1065439
460-336212-7	8A_0-5	Total/NA	Solid	8270E	1065439
460-336212-8	8A_5-10	Total/NA	Solid	8270E	1065439
460-336212-9	8B_0-5	Total/NA	Solid	8270E	1065439
460-336212-10	8B_5-10	Total/NA	Solid	8270E	1065439
460-336212-11	6A_0-6	Total/NA	Solid	8270E	1065439
460-336212-12	6A_6-12	Total/NA	Solid	8270E	1065439

GC/MS Semi VOA (Continued)

Analysis Batch: 1065761 (Continued)

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
460-336212-13	6B_0-6	Total/NA	Solid	8270E	1065439
460-336212-14	6B_6-12	Total/NA	Solid	8270E	1065439
460-336212-15	6C_0-6	Total/NA	Solid	8270E	1065439
460-336212-16	6C_6-12	Total/NA	Solid	8270E	1065439
MB 460-1065439/1-A	Method Blank	Total/NA	Solid	8270E	1065439
LCS 460-1065439/2-A	Lab Control Sample	Total/NA	Solid	8270E	1065439
LCSD 460-1065439/3-A	Lab Control Sample Dup	Total/NA	Solid	8270E	1065439
460-336212-1 MS	60A_0-4	Total/NA	Solid	8270E	1065439
460-336212-1 MSD	60A_0-4	Total/NA	Solid	8270E	1065439

GC Semi VOA

Prep Batch: 1065429

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
460-336212-1	60A_0-4	Total/NA	Solid	3546	
460-336212-2	60A_4-8	Total/NA	Solid	3546	
460-336212-3	43A_0-4	Total/NA	Solid	3546	
460-336212-4	43A_4-8	Total/NA	Solid	3546	
460-336212-5	43B_0-4	Total/NA	Solid	3546	
460-336212-6	43B_4-8	Total/NA	Solid	3546	
460-336212-7	8A_0-5	Total/NA	Solid	3546	
460-336212-8	8A_5-10	Total/NA	Solid	3546	
460-336212-9	8B_0-5	Total/NA	Solid	3546	
460-336212-10	8B_5-10	Total/NA	Solid	3546	
460-336212-11	6A_0-6	Total/NA	Solid	3546	
460-336212-12	6A_6-12	Total/NA	Solid	3546	
460-336212-13	6B_0-6	Total/NA	Solid	3546	
460-336212-14	6B_6-12	Total/NA	Solid	3546	
460-336212-15	6C_0-6	Total/NA	Solid	3546	
460-336212-16	6C_6-12	Total/NA	Solid	3546	
MB 460-1065429/1-A	Method Blank	Total/NA	Solid	3546	
LCS 460-1065429/2-A	Lab Control Sample	Total/NA	Solid	3546	
LCSD 460-1065429/3-A	Lab Control Sample Dup	Total/NA	Solid	3546	
460-336188-E-1-A MS	Matrix Spike	Total/NA	Solid	3546	
460-336188-E-1-B MSD	Matrix Spike Duplicate	Total/NA	Solid	3546	

Prep Batch: 1065437

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
460-336212-1	60A_0-4	Total/NA	Solid	3546	
460-336212-2	60A_4-8	Total/NA	Solid	3546	
460-336212-3	43A_0-4	Total/NA	Solid	3546	
460-336212-4	43A_4-8	Total/NA	Solid	3546	
460-336212-5	43B_0-4	Total/NA	Solid	3546	
460-336212-6	43B_4-8	Total/NA	Solid	3546	
460-336212-7	8A_0-5	Total/NA	Solid	3546	
460-336212-8	8A_5-10	Total/NA	Solid	3546	
460-336212-9	8B_0-5	Total/NA	Solid	3546	
460-336212-10	8B_5-10	Total/NA	Solid	3546	
460-336212-11	6A_0-6	Total/NA	Solid	3546	
460-336212-12	6A_6-12	Total/NA	Solid	3546	
460-336212-13	6B_0-6	Total/NA	Solid	3546	

GC Semi VOA (Continued)

Prep Batch: 1065437 (Continued)

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
460-336212-14	6B_6-12	Total/NA	Solid	3546	
460-336212-15	6C_0-6	Total/NA	Solid	3546	
460-336212-16	6C_6-12	Total/NA	Solid	3546	
MB 460-1065437/1-A	Method Blank	Total/NA	Solid	3546	
LCS 460-1065437/2-A	Lab Control Sample	Total/NA	Solid	3546	
LCSD 460-1065437/3-A	Lab Control Sample Dup	Total/NA	Solid	3546	
460-336188-E-1-D MS	Matrix Spike	Total/NA	Solid	3546	
460-336188-E-1-E MSD	Matrix Spike Duplicate	Total/NA	Solid	3546	

Analysis Batch: 1065479

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
460-336212-1	60A_0-4	Total/NA	Solid	8082A	1065429
460-336212-2	60A_4-8	Total/NA	Solid	8082A	1065429
460-336212-3	43A_0-4	Total/NA	Solid	8082A	1065429
460-336212-4	43A_4-8	Total/NA	Solid	8082A	1065429
460-336212-5	43B_0-4	Total/NA	Solid	8082A	1065429
460-336212-6	43B_4-8	Total/NA	Solid	8082A	1065429
460-336212-7	8A_0-5	Total/NA	Solid	8082A	1065429
460-336212-8	8A_5-10	Total/NA	Solid	8082A	1065429
460-336212-9	8B_0-5	Total/NA	Solid	8082A	1065429
460-336212-10	8B_5-10	Total/NA	Solid	8082A	1065429
460-336212-11	6A_0-6	Total/NA	Solid	8082A	1065429
460-336212-12	6A_6-12	Total/NA	Solid	8082A	1065429
460-336212-13	6B_0-6	Total/NA	Solid	8082A	1065429
460-336212-14	6B_6-12	Total/NA	Solid	8082A	1065429
460-336212-15	6C_0-6	Total/NA	Solid	8082A	1065429
460-336212-16	6C_6-12	Total/NA	Solid	8082A	1065429
MB 460-1065429/1-A	Method Blank	Total/NA	Solid	8082A	1065429
LCS 460-1065429/2-A	Lab Control Sample	Total/NA	Solid	8082A	1065429
LCSD 460-1065429/3-A	Lab Control Sample Dup	Total/NA	Solid	8082A	1065429
460-336188-E-1-A MS	Matrix Spike	Total/NA	Solid	8082A	1065429
460-336188-E-1-B MSD	Matrix Spike Duplicate	Total/NA	Solid	8082A	1065429

Analysis Batch: 1065523

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
460-336212-1	60A_0-4	Total/NA	Solid	8081B	1065437
460-336212-2	60A_4-8	Total/NA	Solid	8081B	1065437
460-336212-3	43A_0-4	Total/NA	Solid	8081B	1065437
460-336212-4	43A_4-8	Total/NA	Solid	8081B	1065437
460-336212-5	43B_0-4	Total/NA	Solid	8081B	1065437
460-336212-6	43B_4-8	Total/NA	Solid	8081B	1065437
460-336212-7	8A_0-5	Total/NA	Solid	8081B	1065437
460-336212-8	8A_5-10	Total/NA	Solid	8081B	1065437
460-336212-9	8B_0-5	Total/NA	Solid	8081B	1065437
460-336212-10	8B_5-10	Total/NA	Solid	8081B	1065437
460-336212-11	6A_0-6	Total/NA	Solid	8081B	1065437
460-336212-12	6A_6-12	Total/NA	Solid	8081B	1065437
460-336212-13	6B_0-6	Total/NA	Solid	8081B	1065437
460-336212-14	6B_6-12	Total/NA	Solid	8081B	1065437
460-336212-15	6C_0-6	Total/NA	Solid	8081B	1065437
460-336212-16	6C_6-12	Total/NA	Solid	8081B	1065437

GC Semi VOA (Continued)

Analysis Batch: 1065523 (Continued)

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
MB 460-1065437/1-A	Method Blank	Total/NA	Solid	8081B	1065437
LCS 460-1065437/2-A	Lab Control Sample	Total/NA	Solid	8081B	1065437
LCSD 460-1065437/3-A	Lab Control Sample Dup	Total/NA	Solid	8081B	1065437
460-336188-E-1-D MS	Matrix Spike	Total/NA	Solid	8081B	1065437
460-336188-E-1-E MSD	Matrix Spike Duplicate	Total/NA	Solid	8081B	1065437

LCMS

Analysis Batch: 710138

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
460-336212-1	60A_0-4	Total/NA	Solid	1633A	710287
460-336212-2	60A_4-8	Total/NA	Solid	1633A	710287
460-336212-3	43A_0-4	Total/NA	Solid	1633A	710287
460-336212-4	43A_4-8	Total/NA	Solid	1633A	710287
460-336212-5	43B_0-4	Total/NA	Solid	1633A	710287
460-336212-6	43B_4-8	Total/NA	Solid	1633A	710287
460-336212-7	8A_0-5	Total/NA	Solid	1633A	710287
460-336212-8	8A_5-10	Total/NA	Solid	1633A	710287
460-336212-9	8B_0-5	Total/NA	Solid	1633A	710287
460-336212-10	8B_5-10	Total/NA	Solid	1633A	710287
460-336212-11	6A_0-6	Total/NA	Solid	1633A	710287
460-336212-12	6A_6-12	Total/NA	Solid	1633A	710287
460-336212-13	6B_0-6	Total/NA	Solid	1633A	710287
460-336212-14	6B_6-12	Total/NA	Solid	1633A	710287
460-336212-14 - DL	6B_6-12	Total/NA	Solid	1633A	710287
460-336212-15	6C_0-6	Total/NA	Solid	1633A	710287
460-336212-16	6C_6-12	Total/NA	Solid	1633A	710287
MB 410-710287/1-A	Method Blank	Total/NA	Solid	1633A	710287

Prep Batch: 710287

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
460-336212-1	60A_0-4	Total/NA	Solid	1633A Shake	
460-336212-2	60A_4-8	Total/NA	Solid	1633A Shake	
460-336212-3	43A_0-4	Total/NA	Solid	1633A Shake	
460-336212-4	43A_4-8	Total/NA	Solid	1633A Shake	
460-336212-5	43B_0-4	Total/NA	Solid	1633A Shake	
460-336212-6	43B_4-8	Total/NA	Solid	1633A Shake	
460-336212-7	8A_0-5	Total/NA	Solid	1633A Shake	
460-336212-8	8A_5-10	Total/NA	Solid	1633A Shake	
460-336212-9	8B_0-5	Total/NA	Solid	1633A Shake	
460-336212-10	8B_5-10	Total/NA	Solid	1633A Shake	
460-336212-11	6A_0-6	Total/NA	Solid	1633A Shake	
460-336212-12	6A_6-12	Total/NA	Solid	1633A Shake	
460-336212-13	6B_0-6	Total/NA	Solid	1633A Shake	
460-336212-14	6B_6-12	Total/NA	Solid	1633A Shake	
460-336212-14 - DL	6B_6-12	Total/NA	Solid	1633A Shake	
460-336212-15	6C_0-6	Total/NA	Solid	1633A Shake	
460-336212-16	6C_6-12	Total/NA	Solid	1633A Shake	
MB 410-710287/1-A	Method Blank	Total/NA	Solid	1633A Shake	
LCS 410-710287/2-A	Lab Control Sample	Total/NA	Solid	1633A Shake	
LCSD 410-710287/3-A	Lab Control Sample Dup	Total/NA	Solid	1633A Shake	

LCMS (Continued)

Prep Batch: 710287 (Continued)

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
LLCS 410-710287/4-A	Lab Control Sample	Total/NA	Solid	1633A Shake	

Analysis Batch: 710552

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
LCS 410-710287/2-A	Lab Control Sample	Total/NA	Solid	1633A	710287
LCSD 410-710287/3-A	Lab Control Sample Dup	Total/NA	Solid	1633A	710287
LLCS 410-710287/4-A	Lab Control Sample	Total/NA	Solid	1633A	710287

Metals

Prep Batch: 1066435

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
460-336212-1	60A_0-4	Total/NA	Solid	3050B	
460-336212-2	60A_4-8	Total/NA	Solid	3050B	
460-336212-3	43A_0-4	Total/NA	Solid	3050B	
460-336212-4	43A_4-8	Total/NA	Solid	3050B	
460-336212-5	43B_0-4	Total/NA	Solid	3050B	
460-336212-6	43B_4-8	Total/NA	Solid	3050B	
460-336212-7	8A_0-5	Total/NA	Solid	3050B	
460-336212-8	8A_5-10	Total/NA	Solid	3050B	
460-336212-9	8B_0-5	Total/NA	Solid	3050B	
460-336212-10	8B_5-10	Total/NA	Solid	3050B	
460-336212-11	6A_0-6	Total/NA	Solid	3050B	
460-336212-12	6A_6-12	Total/NA	Solid	3050B	
460-336212-13	6B_0-6	Total/NA	Solid	3050B	
460-336212-14	6B_6-12	Total/NA	Solid	3050B	
460-336212-15	6C_0-6	Total/NA	Solid	3050B	
460-336212-16	6C_6-12	Total/NA	Solid	3050B	
MB 460-1066435/1-A	Method Blank	Total/NA	Solid	3050B	
LCSSRM 460-1066435/2-A	Lab Control Sample	Total/NA	Solid	3050B	
460-336212-1 MS	60A_0-4	Total/NA	Solid	3050B	
460-336212-1 DU	60A_0-4	Total/NA	Solid	3050B	

Analysis Batch: 1066533

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
460-336212-1	60A_0-4	Total/NA	Solid	6020B	1066435
460-336212-2	60A_4-8	Total/NA	Solid	6020B	1066435
460-336212-3	43A_0-4	Total/NA	Solid	6020B	1066435
460-336212-4	43A_4-8	Total/NA	Solid	6020B	1066435
460-336212-5	43B_0-4	Total/NA	Solid	6020B	1066435
460-336212-6	43B_4-8	Total/NA	Solid	6020B	1066435
460-336212-7	8A_0-5	Total/NA	Solid	6020B	1066435
460-336212-8	8A_5-10	Total/NA	Solid	6020B	1066435
460-336212-9	8B_0-5	Total/NA	Solid	6020B	1066435
460-336212-10	8B_5-10	Total/NA	Solid	6020B	1066435
460-336212-11	6A_0-6	Total/NA	Solid	6020B	1066435
460-336212-12	6A_6-12	Total/NA	Solid	6020B	1066435
MB 460-1066435/1-A	Method Blank	Total/NA	Solid	6020B	1066435
LCSSRM 460-1066435/2-A	Lab Control Sample	Total/NA	Solid	6020B	1066435
460-336212-1 MS	60A_0-4	Total/NA	Solid	6020B	1066435
460-336212-1 DU	60A_0-4	Total/NA	Solid	6020B	1066435

Metals

Analysis Batch: 1066870

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
460-336212-13	6B_0-6	Total/NA	Solid	6020B	1066435
460-336212-14	6B_6-12	Total/NA	Solid	6020B	1066435
460-336212-15	6C_0-6	Total/NA	Solid	6020B	1066435
460-336212-16	6C_6-12	Total/NA	Solid	6020B	1066435

Prep Batch: 1066930

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
460-336212-1	60A_0-4	Total/NA	Solid	7471B	
460-336212-2	60A_4-8	Total/NA	Solid	7471B	
460-336212-3	43A_0-4	Total/NA	Solid	7471B	
460-336212-4	43A_4-8	Total/NA	Solid	7471B	
460-336212-5	43B_0-4	Total/NA	Solid	7471B	
460-336212-6	43B_4-8	Total/NA	Solid	7471B	
460-336212-7	8A_0-5	Total/NA	Solid	7471B	
460-336212-8	8A_5-10	Total/NA	Solid	7471B	
460-336212-9	8B_0-5	Total/NA	Solid	7471B	
460-336212-10	8B_5-10	Total/NA	Solid	7471B	
460-336212-11	6A_0-6	Total/NA	Solid	7471B	
460-336212-12	6A_6-12	Total/NA	Solid	7471B	
MB 460-1066930/1-A	Method Blank	Total/NA	Solid	7471B	
LCSSRM 460-1066930/2-A	Lab Control Sample	Total/NA	Solid	7471B	
460-336212-1 MS	60A_0-4	Total/NA	Solid	7471B	
460-336212-1 DU	60A_0-4	Total/NA	Solid	7471B	

Prep Batch: 1066934

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
460-336212-13	6B_0-6	Total/NA	Solid	7471B	
460-336212-14	6B_6-12	Total/NA	Solid	7471B	
460-336212-15	6C_0-6	Total/NA	Solid	7471B	
460-336212-16	6C_6-12	Total/NA	Solid	7471B	
MB 460-1066934/1-A	Method Blank	Total/NA	Solid	7471B	
LCSSRM 460-1066934/2-A	Lab Control Sample	Total/NA	Solid	7471B	
460-335266-A-1-K MS	Matrix Spike	Total/NA	Solid	7471B	
460-335266-A-1-J DU	Duplicate	Total/NA	Solid	7471B	

Analysis Batch: 1067052

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
460-336212-13	6B_0-6	Total/NA	Solid	7471B	1066934
460-336212-14	6B_6-12	Total/NA	Solid	7471B	1066934
460-336212-15	6C_0-6	Total/NA	Solid	7471B	1066934
460-336212-16	6C_6-12	Total/NA	Solid	7471B	1066934
MB 460-1066934/1-A	Method Blank	Total/NA	Solid	7471B	1066934
LCSSRM 460-1066934/2-A	Lab Control Sample	Total/NA	Solid	7471B	1066934
460-335266-A-1-K MS	Matrix Spike	Total/NA	Solid	7471B	1066934
460-335266-A-1-J DU	Duplicate	Total/NA	Solid	7471B	1066934

Analysis Batch: 1067054

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
460-336212-1	60A_0-4	Total/NA	Solid	7471B	1066930
460-336212-2	60A_4-8	Total/NA	Solid	7471B	1066930
460-336212-3	43A_0-4	Total/NA	Solid	7471B	1066930

Metals (Continued)

Analysis Batch: 1067054 (Continued)

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
460-336212-4	43A_4-8	Total/NA	Solid	7471B	1066930
460-336212-5	43B_0-4	Total/NA	Solid	7471B	1066930
460-336212-6	43B_4-8	Total/NA	Solid	7471B	1066930
460-336212-7	8A_0-5	Total/NA	Solid	7471B	1066930
460-336212-8	8A_5-10	Total/NA	Solid	7471B	1066930
460-336212-9	8B_0-5	Total/NA	Solid	7471B	1066930
460-336212-10	8B_5-10	Total/NA	Solid	7471B	1066930
460-336212-11	6A_0-6	Total/NA	Solid	7471B	1066930
460-336212-12	6A_6-12	Total/NA	Solid	7471B	1066930
MB 460-1066930/1-A	Method Blank	Total/NA	Solid	7471B	1066930
LCSSRM 460-1066930/2-A	Lab Control Sample	Total/NA	Solid	7471B	1066930
460-336212-1 MS	60A_0-4	Total/NA	Solid	7471B	1066930
460-336212-1 DU	60A_0-4	Total/NA	Solid	7471B	1066930

General Chemistry

Analysis Batch: 1066098

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
460-336212-17	60A1_1-2	Total/NA	Solid	Moisture	
460-336212-18	60A2_2-3	Total/NA	Solid	Moisture	
460-336212-19	60A3_7-8	Total/NA	Solid	Moisture	
460-336212-20	60A1_3-4	Total/NA	Solid	Moisture	
460-336212-21	60A2_4-5	Total/NA	Solid	Moisture	
460-336212-22	60A3_5-6	Total/NA	Solid	Moisture	
460-336212-23	60A1_6-7	Total/NA	Solid	Moisture	
460-336212-24	43A1_1-2	Total/NA	Solid	Moisture	
460-336212-25	43A2_2-3	Total/NA	Solid	Moisture	
460-336212-26	43A3_3-4	Total/NA	Solid	Moisture	
460-336212-27	43A1_4-5	Total/NA	Solid	Moisture	
460-336212-28	43A2_5-6	Total/NA	Solid	Moisture	
460-336212-29	43A3_6-7	Total/NA	Solid	Moisture	
460-336212-30	43A2_7-8	Total/NA	Solid	Moisture	
460-336212-31	43B1_1-2	Total/NA	Solid	Moisture	
460-336212-32	43B2_2-3	Total/NA	Solid	Moisture	
460-336212-33	43B3_3-4	Total/NA	Solid	Moisture	
460-336212-34	43B1_4-5	Total/NA	Solid	Moisture	
460-336212-35	43B2_5-6	Total/NA	Solid	Moisture	
460-336212-36	43B3_6-7	Total/NA	Solid	Moisture	
460-336212-37	43B1_7-8	Total/NA	Solid	Moisture	
460-336212-38	8B1_1-2	Total/NA	Solid	Moisture	
460-336212-39	8B2_2-3	Total/NA	Solid	Moisture	
460-336212-40	8B3_4-5	Total/NA	Solid	Moisture	
460-336212-41	8B1_5-6	Total/NA	Solid	Moisture	
460-336212-42	8B2_6-7	Total/NA	Solid	Moisture	
460-336212-43	8B3_8-9	Total/NA	Solid	Moisture	
460-336212-44	8B2_9-10	Total/NA	Solid	Moisture	
460-336212-45	8A1_1-2	Total/NA	Solid	Moisture	
460-336212-46	8A2_2-3	Total/NA	Solid	Moisture	
460-336212-47	8A3_4-5	Total/NA	Solid	Moisture	
460-336212-48	8A1_5-6	Total/NA	Solid	Moisture	
460-336212-49	8A2_7-8	Total/NA	Solid	Moisture	

General Chemistry (Continued)

Analysis Batch: 1066098 (Continued)

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
460-336212-50	8A3_8-9	Total/NA	Solid	Moisture	
460-336212-51	8A1_9-10	Total/NA	Solid	Moisture	
460-336212-52	6A1_1-2	Total/NA	Solid	Moisture	
460-336212-33 DU	43B3_3-4	Total/NA	Solid	Moisture	

Analysis Batch: 1066099

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
460-336212-53	6A2_2-3	Total/NA	Solid	Moisture	
460-336212-54	6A3_4-5	Total/NA	Solid	Moisture	
460-336212-55	6A1_5-6	Total/NA	Solid	Moisture	
460-336212-56	6A2_7-8	Total/NA	Solid	Moisture	
460-336212-57	6A3_9-10	Total/NA	Solid	Moisture	
460-336212-58	6A1_10-11	Total/NA	Solid	Moisture	
460-336212-59	6B1_1-2	Total/NA	Solid	Moisture	
460-336212-60	6B2_3-4	Total/NA	Solid	Moisture	
460-336212-61	6B3_2-3	Total/NA	Solid	Moisture	
460-336212-62	6B1_5-6	Total/NA	Solid	Moisture	
460-336212-63	6B2_6-7	Total/NA	Solid	Moisture	
460-336212-64	6B3_8-9	Total/NA	Solid	Moisture	
460-336212-65	6B1_9-10	Total/NA	Solid	Moisture	
460-336212-66	6C1_1-2	Total/NA	Solid	Moisture	
460-336212-67	6C2_2-3	Total/NA	Solid	Moisture	
460-336212-68	6C3_4-5	Total/NA	Solid	Moisture	
460-336212-69	6C1_5-6	Total/NA	Solid	Moisture	
460-336212-70	6C2_7-8	Total/NA	Solid	Moisture	
460-336212-71	6C3_9-10	Total/NA	Solid	Moisture	
460-336212-72	6C2_10-11	Total/NA	Solid	Moisture	
460-336212-53 DU	6A2_2-3	Total/NA	Solid	Moisture	

Analysis Batch: 1066315

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
460-336212-1	60A_0-4	Total/NA	Solid	Moisture	
460-336212-2	60A_4-8	Total/NA	Solid	Moisture	
460-336212-3	43A_0-4	Total/NA	Solid	Moisture	
460-336212-4	43A_4-8	Total/NA	Solid	Moisture	
460-336212-5	43B_0-4	Total/NA	Solid	Moisture	
460-336212-6	43B_4-8	Total/NA	Solid	Moisture	
460-336212-7	8A_0-5	Total/NA	Solid	Moisture	
460-336212-8	8A_5-10	Total/NA	Solid	Moisture	
460-336212-9	8B_0-5	Total/NA	Solid	Moisture	
460-336212-10	8B_5-10	Total/NA	Solid	Moisture	
460-336212-11	6A_0-6	Total/NA	Solid	Moisture	
460-336212-12	6A_6-12	Total/NA	Solid	Moisture	
460-336212-13	6B_0-6	Total/NA	Solid	Moisture	
460-336212-14	6B_6-12	Total/NA	Solid	Moisture	
460-336212-15	6C_0-6	Total/NA	Solid	Moisture	
460-336212-16	6C_6-12	Total/NA	Solid	Moisture	
460-336206-A-38 DU	Duplicate	Total/NA	Solid	Moisture	

Lab Chronicle

Client: Haley & Aldrich, Inc.
Project/Site: Former Port Mobil

Job ID: 460-336212-1

Client Sample ID: 60A_0-4
Date Collected: 10/01/25 08:20
Date Received: 10/01/25 16:15

Lab Sample ID: 460-336212-1
Matrix: Solid

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Analysis	Moisture		1	1066315	CJC	EET EDI	10/06/25 16:57

Client Sample ID: 60A_0-4
Date Collected: 10/01/25 08:20
Date Received: 10/01/25 16:15

Lab Sample ID: 460-336212-1
Matrix: Solid
Percent Solids: 93.2

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Prep	3546			1065439	ARA	EET EDI	10/02/25 18:11
Total/NA	Analysis	8270E		1	1065761	YAH	EET EDI	10/04/25 03:22
Total/NA	Prep	3546			1065437	ARA	EET EDI	10/02/25 18:00
Total/NA	Analysis	8081B		1	1065523	FAM	EET EDI	10/03/25 10:11
Total/NA	Prep	3546			1065429	ARA	EET EDI	10/02/25 17:41
Total/NA	Analysis	8082A		1	1065479	AAA	EET EDI	10/03/25 15:37
Total/NA	Prep	1633A Shake			710287	D5RZ	ELLE	10/07/25 14:14
Total/NA	Analysis	1633A		1	710138	DX7G	ELLE	10/07/25 22:58
Total/NA	Prep	3050B			1066435	FBT	EET EDI	10/07/25 06:40
Total/NA	Analysis	6020B		1	1066533	CDC	EET EDI	10/07/25 17:04
Total/NA	Prep	7471B			1066930	TJS	EET EDI	10/09/25 01:39
Total/NA	Analysis	7471B		1	1067054	TJS	EET EDI	10/09/25 08:04

Client Sample ID: 60A_4-8
Date Collected: 10/01/25 08:25
Date Received: 10/01/25 16:15

Lab Sample ID: 460-336212-2
Matrix: Solid

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Analysis	Moisture		1	1066315	CJC	EET EDI	10/06/25 16:57

Client Sample ID: 60A_4-8
Date Collected: 10/01/25 08:25
Date Received: 10/01/25 16:15

Lab Sample ID: 460-336212-2
Matrix: Solid
Percent Solids: 94.0

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Prep	3546			1065439	ARA	EET EDI	10/02/25 18:11
Total/NA	Analysis	8270E		1	1065761	YAH	EET EDI	10/04/25 04:06
Total/NA	Prep	3546			1065437	ARA	EET EDI	10/02/25 18:00
Total/NA	Analysis	8081B		1	1065523	FAM	EET EDI	10/03/25 10:23
Total/NA	Prep	3546			1065429	ARA	EET EDI	10/02/25 17:41
Total/NA	Analysis	8082A		1	1065479	AAA	EET EDI	10/03/25 15:54
Total/NA	Prep	1633A Shake			710287	D5RZ	ELLE	10/07/25 14:14
Total/NA	Analysis	1633A		1	710138	DX7G	ELLE	10/07/25 23:11
Total/NA	Prep	3050B			1066435	FBT	EET EDI	10/07/25 06:40
Total/NA	Analysis	6020B		1	1066533	CDC	EET EDI	10/07/25 17:09
Total/NA	Prep	7471B			1066930	TJS	EET EDI	10/09/25 01:39
Total/NA	Analysis	7471B		1	1067054	TJS	EET EDI	10/09/25 08:45

Lab Chronicle

Client: Haley & Aldrich, Inc.
Project/Site: Former Port Mobil

Job ID: 460-336212-1

Client Sample ID: 43A_0-4
Date Collected: 10/01/25 08:00
Date Received: 10/01/25 16:15

Lab Sample ID: 460-336212-3
Matrix: Solid

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Analysis	Moisture		1	1066315	CJC	EET EDI	10/06/25 16:57

Client Sample ID: 43A_0-4
Date Collected: 10/01/25 08:00
Date Received: 10/01/25 16:15

Lab Sample ID: 460-336212-3
Matrix: Solid
Percent Solids: 93.8

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Prep	3546			1065439	ARA	EET EDI	10/02/25 18:11
Total/NA	Analysis	8270E		1	1065761	YAH	EET EDI	10/04/25 00:47
Total/NA	Prep	3546			1065437	ARA	EET EDI	10/02/25 18:00
Total/NA	Analysis	8081B		1	1065523	FAM	EET EDI	10/03/25 10:36
Total/NA	Prep	3546			1065429	ARA	EET EDI	10/02/25 17:41
Total/NA	Analysis	8082A		1	1065479	AAA	EET EDI	10/03/25 16:11
Total/NA	Prep	1633A Shake			710287	D5RZ	ELLE	10/07/25 14:14
Total/NA	Analysis	1633A		1	710138	DX7G	ELLE	10/07/25 23:25
Total/NA	Prep	3050B			1066435	FBT	EET EDI	10/07/25 06:40
Total/NA	Analysis	6020B		1	1066533	CDC	EET EDI	10/07/25 17:12
Total/NA	Prep	7471B			1066930	TJS	EET EDI	10/09/25 01:39
Total/NA	Analysis	7471B		1	1067054	TJS	EET EDI	10/09/25 08:53

Client Sample ID: 43A_4-8
Date Collected: 10/01/25 08:05
Date Received: 10/01/25 16:15

Lab Sample ID: 460-336212-4
Matrix: Solid

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Analysis	Moisture		1	1066315	CJC	EET EDI	10/06/25 16:57

Client Sample ID: 43A_4-8
Date Collected: 10/01/25 08:05
Date Received: 10/01/25 16:15

Lab Sample ID: 460-336212-4
Matrix: Solid
Percent Solids: 93.1

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Prep	3546			1065439	ARA	EET EDI	10/02/25 18:11
Total/NA	Analysis	8270E		1	1065761	YAH	EET EDI	10/04/25 01:09
Total/NA	Prep	3546			1065437	ARA	EET EDI	10/02/25 18:00
Total/NA	Analysis	8081B		1	1065523	FAM	EET EDI	10/03/25 10:48
Total/NA	Prep	3546			1065429	ARA	EET EDI	10/02/25 17:41
Total/NA	Analysis	8082A		1	1065479	AAA	EET EDI	10/03/25 16:28
Total/NA	Prep	1633A Shake			710287	D5RZ	ELLE	10/07/25 14:14
Total/NA	Analysis	1633A		1	710138	DX7G	ELLE	10/07/25 23:39
Total/NA	Prep	3050B			1066435	FBT	EET EDI	10/07/25 06:40
Total/NA	Analysis	6020B		1	1066533	CDC	EET EDI	10/07/25 17:14
Total/NA	Prep	7471B			1066930	TJS	EET EDI	10/09/25 01:39
Total/NA	Analysis	7471B		1	1067054	TJS	EET EDI	10/09/25 08:56

Lab Chronicle

Client: Haley & Aldrich, Inc.
Project/Site: Former Port Mobil

Job ID: 460-336212-1

Client Sample ID: 43B_0-4
Date Collected: 10/01/25 08:10
Date Received: 10/01/25 16:15

Lab Sample ID: 460-336212-5
Matrix: Solid

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Analysis	Moisture		1	1066315	CJC	EET EDI	10/06/25 16:57

Client Sample ID: 43B_0-4
Date Collected: 10/01/25 08:10
Date Received: 10/01/25 16:15

Lab Sample ID: 460-336212-5
Matrix: Solid
Percent Solids: 93.4

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Prep	3546			1065439	ARA	EET EDI	10/02/25 18:11
Total/NA	Analysis	8270E		1	1065761	YAH	EET EDI	10/04/25 03:00
Total/NA	Prep	3546			1065437	ARA	EET EDI	10/02/25 18:00
Total/NA	Analysis	8081B		1	1065523	FAM	EET EDI	10/03/25 11:00
Total/NA	Prep	3546			1065429	ARA	EET EDI	10/02/25 17:41
Total/NA	Analysis	8082A		1	1065479	AAA	EET EDI	10/03/25 16:44
Total/NA	Prep	1633A Shake			710287	D5RZ	ELLE	10/07/25 14:14
Total/NA	Analysis	1633A		1	710138	DX7G	ELLE	10/07/25 23:52
Total/NA	Prep	3050B			1066435	FBT	EET EDI	10/07/25 06:40
Total/NA	Analysis	6020B		1	1066533	CDC	EET EDI	10/07/25 17:22
Total/NA	Prep	7471B			1066930	TJS	EET EDI	10/09/25 01:39
Total/NA	Analysis	7471B		1	1067054	TJS	EET EDI	10/09/25 08:59

Client Sample ID: 43B_4-8
Date Collected: 10/01/25 08:15
Date Received: 10/01/25 16:15

Lab Sample ID: 460-336212-6
Matrix: Solid

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Analysis	Moisture		1	1066315	CJC	EET EDI	10/06/25 16:57

Client Sample ID: 43B_4-8
Date Collected: 10/01/25 08:15
Date Received: 10/01/25 16:15

Lab Sample ID: 460-336212-6
Matrix: Solid
Percent Solids: 92.6

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Prep	3546			1065439	ARA	EET EDI	10/02/25 18:11
Total/NA	Analysis	8270E		1	1065761	YAH	EET EDI	10/04/25 01:31
Total/NA	Prep	3546			1065437	ARA	EET EDI	10/02/25 18:00
Total/NA	Analysis	8081B		1	1065523	FAM	EET EDI	10/03/25 11:13
Total/NA	Prep	3546			1065429	ARA	EET EDI	10/02/25 17:41
Total/NA	Analysis	8082A		1	1065479	AAA	EET EDI	10/03/25 17:01
Total/NA	Prep	1633A Shake			710287	D5RZ	ELLE	10/07/25 14:14
Total/NA	Analysis	1633A		1	710138	DX7G	ELLE	10/08/25 00:06
Total/NA	Prep	3050B			1066435	FBT	EET EDI	10/07/25 06:40
Total/NA	Analysis	6020B		1	1066533	CDC	EET EDI	10/07/25 17:25
Total/NA	Prep	7471B			1066930	TJS	EET EDI	10/09/25 01:39
Total/NA	Analysis	7471B		1	1067054	TJS	EET EDI	10/09/25 09:02

Client Sample ID: 8A_0-5
Date Collected: 10/01/25 08:30
Date Received: 10/01/25 16:15

Lab Sample ID: 460-336212-7
Matrix: Solid

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Analysis	Moisture		1	1066315	CJC	EET EDI	10/06/25 16:57

Client Sample ID: 8A_0-5
Date Collected: 10/01/25 08:30
Date Received: 10/01/25 16:15

Lab Sample ID: 460-336212-7
Matrix: Solid
Percent Solids: 92.1

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Prep	3546			1065439	ARA	EET EDI	10/02/25 18:11
Total/NA	Analysis	8270E		1	1065761	YAH	EET EDI	10/04/25 01:53
Total/NA	Prep	3546			1065437	ARA	EET EDI	10/02/25 18:00
Total/NA	Analysis	8081B		1	1065523	FAM	EET EDI	10/03/25 11:25
Total/NA	Prep	3546			1065429	ARA	EET EDI	10/02/25 17:41
Total/NA	Analysis	8082A		1	1065479	AAA	EET EDI	10/03/25 17:17
Total/NA	Prep	1633A Shake			710287	D5RZ	ELLE	10/07/25 14:14
Total/NA	Analysis	1633A		1	710138	DX7G	ELLE	10/08/25 00:47
Total/NA	Prep	3050B			1066435	FBT	EET EDI	10/07/25 06:40
Total/NA	Analysis	6020B		1	1066533	CDC	EET EDI	10/07/25 17:28
Total/NA	Prep	7471B			1066930	TJS	EET EDI	10/09/25 01:39
Total/NA	Analysis	7471B		1	1067054	TJS	EET EDI	10/09/25 09:05

Client Sample ID: 8A_5-10
Date Collected: 10/01/25 08:35
Date Received: 10/01/25 16:15

Lab Sample ID: 460-336212-8
Matrix: Solid

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Analysis	Moisture		1	1066315	CJC	EET EDI	10/06/25 16:57

Client Sample ID: 8A_5-10
Date Collected: 10/01/25 08:35
Date Received: 10/01/25 16:15

Lab Sample ID: 460-336212-8
Matrix: Solid
Percent Solids: 83.3

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Prep	3546			1065439	ARA	EET EDI	10/02/25 18:11
Total/NA	Analysis	8270E		1	1065761	YAH	EET EDI	10/03/25 21:28
Total/NA	Prep	3546			1065437	ARA	EET EDI	10/02/25 18:00
Total/NA	Analysis	8081B		1	1065523	FAM	EET EDI	10/03/25 11:37
Total/NA	Prep	3546			1065429	ARA	EET EDI	10/02/25 17:41
Total/NA	Analysis	8082A		1	1065479	AAA	EET EDI	10/03/25 17:34
Total/NA	Prep	1633A Shake			710287	D5RZ	ELLE	10/07/25 14:14
Total/NA	Analysis	1633A		1	710138	DX7G	ELLE	10/08/25 01:00
Total/NA	Prep	3050B			1066435	FBT	EET EDI	10/07/25 06:40
Total/NA	Analysis	6020B		1	1066533	CDC	EET EDI	10/07/25 17:30
Total/NA	Prep	7471B			1066930	TJS	EET EDI	10/09/25 01:39
Total/NA	Analysis	7471B		1	1067054	TJS	EET EDI	10/09/25 09:08

Client Sample ID: 8B_0-5
Date Collected: 10/01/25 08:40
Date Received: 10/01/25 16:15

Lab Sample ID: 460-336212-9
Matrix: Solid

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Analysis	Moisture		1	1066315	CJC	EET EDI	10/06/25 16:57

Client Sample ID: 8B_0-5
Date Collected: 10/01/25 08:40
Date Received: 10/01/25 16:15

Lab Sample ID: 460-336212-9
Matrix: Solid
Percent Solids: 92.3

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Prep	3546			1065439	ARA	EET EDI	10/02/25 18:11
Total/NA	Analysis	8270E		1	1065761	YAH	EET EDI	10/04/25 02:15
Total/NA	Prep	3546			1065437	ARA	EET EDI	10/02/25 18:00
Total/NA	Analysis	8081B		1	1065523	FAM	EET EDI	10/03/25 11:49
Total/NA	Prep	3546			1065429	ARA	EET EDI	10/02/25 17:41
Total/NA	Analysis	8082A		1	1065479	AAA	EET EDI	10/03/25 17:51
Total/NA	Prep	1633A Shake			710287	D5RZ	ELLE	10/07/25 14:14
Total/NA	Analysis	1633A		1	710138	DX7G	ELLE	10/08/25 01:14
Total/NA	Prep	3050B			1066435	FBT	EET EDI	10/07/25 06:40
Total/NA	Analysis	6020B		1	1066533	CDC	EET EDI	10/07/25 17:33
Total/NA	Prep	7471B			1066930	TJS	EET EDI	10/09/25 01:39
Total/NA	Analysis	7471B		1	1067054	TJS	EET EDI	10/09/25 09:11

Client Sample ID: 8B_5-10
Date Collected: 10/01/25 08:45
Date Received: 10/01/25 16:15

Lab Sample ID: 460-336212-10
Matrix: Solid

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Analysis	Moisture		1	1066315	CJC	EET EDI	10/06/25 16:57

Client Sample ID: 8B_5-10
Date Collected: 10/01/25 08:45
Date Received: 10/01/25 16:15

Lab Sample ID: 460-336212-10
Matrix: Solid
Percent Solids: 91.1

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Prep	3546			1065439	ARA	EET EDI	10/02/25 18:11
Total/NA	Analysis	8270E		1	1065761	YAH	EET EDI	10/03/25 21:50
Total/NA	Prep	3546			1065437	ARA	EET EDI	10/02/25 18:00
Total/NA	Analysis	8081B		1	1065523	FAM	EET EDI	10/03/25 12:02
Total/NA	Prep	3546			1065429	ARA	EET EDI	10/02/25 17:41
Total/NA	Analysis	8082A		1	1065479	AAA	EET EDI	10/03/25 18:07
Total/NA	Prep	1633A Shake			710287	D5RZ	ELLE	10/07/25 14:14
Total/NA	Analysis	1633A		1	710138	DX7G	ELLE	10/08/25 01:27
Total/NA	Prep	3050B			1066435	FBT	EET EDI	10/07/25 06:40
Total/NA	Analysis	6020B		1	1066533	CDC	EET EDI	10/07/25 17:36
Total/NA	Prep	7471B			1066930	TJS	EET EDI	10/09/25 01:39
Total/NA	Analysis	7471B		1	1067054	TJS	EET EDI	10/09/25 09:14

Lab Chronicle

Client: Haley & Aldrich, Inc.
Project/Site: Former Port Mobil

Job ID: 460-336212-1

Client Sample ID: 6A_0-6
Date Collected: 10/01/25 11:45
Date Received: 10/01/25 16:15

Lab Sample ID: 460-336212-11
Matrix: Solid

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Analysis	Moisture		1	1066315	CJC	EET EDI	10/06/25 16:57

Client Sample ID: 6A_0-6
Date Collected: 10/01/25 11:45
Date Received: 10/01/25 16:15

Lab Sample ID: 460-336212-11
Matrix: Solid
Percent Solids: 91.6

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Prep	3546			1065439	ARA	EET EDI	10/02/25 18:11
Total/NA	Analysis	8270E		1	1065761	YAH	EET EDI	10/03/25 22:12
Total/NA	Prep	3546			1065437	ARA	EET EDI	10/02/25 18:00
Total/NA	Analysis	8081B		1	1065523	FAM	EET EDI	10/03/25 12:14
Total/NA	Prep	3546			1065429	ARA	EET EDI	10/02/25 17:41
Total/NA	Analysis	8082A		1	1065479	AAA	EET EDI	10/03/25 18:24
Total/NA	Prep	1633A Shake			710287	D5RZ	ELLE	10/07/25 14:14
Total/NA	Analysis	1633A		1	710138	DX7G	ELLE	10/08/25 01:41
Total/NA	Prep	3050B			1066435	FBT	EET EDI	10/07/25 06:40
Total/NA	Analysis	6020B		1	1066533	CDC	EET EDI	10/07/25 17:38
Total/NA	Prep	7471B			1066930	TJS	EET EDI	10/09/25 01:39
Total/NA	Analysis	7471B		1	1067054	TJS	EET EDI	10/09/25 09:17

Client Sample ID: 6A_6-12
Date Collected: 10/01/25 11:50
Date Received: 10/01/25 16:15

Lab Sample ID: 460-336212-12
Matrix: Solid

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Analysis	Moisture		1	1066315	CJC	EET EDI	10/06/25 16:57

Client Sample ID: 6A_6-12
Date Collected: 10/01/25 11:50
Date Received: 10/01/25 16:15

Lab Sample ID: 460-336212-12
Matrix: Solid
Percent Solids: 91.1

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Prep	3546			1065439	ARA	EET EDI	10/02/25 18:11
Total/NA	Analysis	8270E		1	1065761	YAH	EET EDI	10/03/25 22:34
Total/NA	Prep	3546			1065437	ARA	EET EDI	10/02/25 18:00
Total/NA	Analysis	8081B		1	1065523	FAM	EET EDI	10/03/25 12:26
Total/NA	Prep	3546			1065429	ARA	EET EDI	10/02/25 17:41
Total/NA	Analysis	8082A		1	1065479	AAA	EET EDI	10/03/25 18:41
Total/NA	Prep	1633A Shake			710287	D5RZ	ELLE	10/07/25 14:14
Total/NA	Analysis	1633A		1	710138	DX7G	ELLE	10/08/25 01:55
Total/NA	Prep	3050B			1066435	FBT	EET EDI	10/07/25 06:40
Total/NA	Analysis	6020B		1	1066533	CDC	EET EDI	10/07/25 17:41
Total/NA	Prep	7471B			1066930	TJS	EET EDI	10/09/25 01:39
Total/NA	Analysis	7471B		1	1067054	TJS	EET EDI	10/09/25 09:19

Client Sample ID: 6B_0-6
Date Collected: 10/01/25 11:55
Date Received: 10/01/25 16:15

Lab Sample ID: 460-336212-13
Matrix: Solid

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Analysis	Moisture		1	1066315	CJC	EET EDI	10/06/25 16:57

Client Sample ID: 6B_0-6
Date Collected: 10/01/25 11:55
Date Received: 10/01/25 16:15

Lab Sample ID: 460-336212-13
Matrix: Solid
Percent Solids: 90.2

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Prep	3546			1065439	ARA	EET EDI	10/02/25 18:11
Total/NA	Analysis	8270E		1	1065761	YAH	EET EDI	10/03/25 23:18
Total/NA	Prep	3546			1065437	ARA	EET EDI	10/02/25 18:00
Total/NA	Analysis	8081B		1	1065523	FAM	EET EDI	10/03/25 12:39
Total/NA	Prep	3546			1065429	ARA	EET EDI	10/02/25 17:41
Total/NA	Analysis	8082A		1	1065479	AAA	EET EDI	10/03/25 18:58
Total/NA	Prep	1633A Shake			710287	D5RZ	ELLE	10/07/25 14:14
Total/NA	Analysis	1633A		1	710138	DX7G	ELLE	10/08/25 02:08
Total/NA	Prep	3050B			1066435	FBT	EET EDI	10/07/25 06:40
Total/NA	Analysis	6020B		1	1066870	CDC	EET EDI	10/08/25 22:37
Total/NA	Prep	7471B			1066934	TJS	EET EDI	10/09/25 01:54
Total/NA	Analysis	7471B		1	1067052	TJS	EET EDI	10/09/25 07:45

Client Sample ID: 6B_6-12
Date Collected: 10/01/25 12:00
Date Received: 10/01/25 16:15

Lab Sample ID: 460-336212-14
Matrix: Solid

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Analysis	Moisture		1	1066315	CJC	EET EDI	10/06/25 16:57

Client Sample ID: 6B_6-12
Date Collected: 10/01/25 12:00
Date Received: 10/01/25 16:15

Lab Sample ID: 460-336212-14
Matrix: Solid
Percent Solids: 88.5

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Prep	3546			1065439	ARA	EET EDI	10/02/25 18:11
Total/NA	Analysis	8270E		1	1065761	YAH	EET EDI	10/03/25 22:56
Total/NA	Prep	3546			1065437	ARA	EET EDI	10/02/25 18:00
Total/NA	Analysis	8081B		1	1065523	FAM	EET EDI	10/03/25 12:51
Total/NA	Prep	3546			1065429	ARA	EET EDI	10/02/25 17:41
Total/NA	Analysis	8082A		1	1065479	AAA	EET EDI	10/03/25 19:14
Total/NA	Prep	1633A Shake			710287	D5RZ	ELLE	10/07/25 14:14
Total/NA	Analysis	1633A		1	710138	DX7G	ELLE	10/08/25 02:22
Total/NA	Prep	1633A Shake	DL		710287	D5RZ	ELLE	10/07/25 14:14
Total/NA	Analysis	1633A	DL	10	710138	DX7G	ELLE	10/08/25 10:44
Total/NA	Prep	3050B			1066435	FBT	EET EDI	10/07/25 06:40
Total/NA	Analysis	6020B		1	1066870	CDC	EET EDI	10/08/25 22:40

Lab Chronicle

Client: Haley & Aldrich, Inc.
Project/Site: Former Port Mobil

Job ID: 460-336212-1

Client Sample ID: 6B_6-12
Date Collected: 10/01/25 12:00
Date Received: 10/01/25 16:15

Lab Sample ID: 460-336212-14
Matrix: Solid
Percent Solids: 88.5

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Prep	7471B			1066934	TJS	EET EDI	10/09/25 01:54
Total/NA	Analysis	7471B		1	1067052	TJS	EET EDI	10/09/25 07:48

Client Sample ID: 6C_0-6
Date Collected: 10/01/25 12:05
Date Received: 10/01/25 16:15

Lab Sample ID: 460-336212-15
Matrix: Solid

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Analysis	Moisture		1	1066315	CJC	EET EDI	10/06/25 16:57

Client Sample ID: 6C_0-6
Date Collected: 10/01/25 12:05
Date Received: 10/01/25 16:15

Lab Sample ID: 460-336212-15
Matrix: Solid
Percent Solids: 92.7

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Prep	3546			1065439	ARA	EET EDI	10/02/25 18:11
Total/NA	Analysis	8270E		1	1065761	YAH	EET EDI	10/03/25 23:40
Total/NA	Prep	3546			1065437	ARA	EET EDI	10/02/25 18:00
Total/NA	Analysis	8081B		1	1065523	FAM	EET EDI	10/03/25 13:03
Total/NA	Prep	3546			1065429	ARA	EET EDI	10/02/25 17:41
Total/NA	Analysis	8082A		1	1065479	AAA	EET EDI	10/03/25 19:31
Total/NA	Prep	1633A Shake			710287	D5RZ	ELLE	10/07/25 14:14
Total/NA	Analysis	1633A		1	710138	DX7G	ELLE	10/08/25 02:35
Total/NA	Prep	3050B			1066435	FBT	EET EDI	10/07/25 06:40
Total/NA	Analysis	6020B		1	1066870	CDC	EET EDI	10/08/25 22:43
Total/NA	Prep	7471B			1066934	TJS	EET EDI	10/09/25 01:54
Total/NA	Analysis	7471B		1	1067052	TJS	EET EDI	10/09/25 07:51

Client Sample ID: 6C_6-12
Date Collected: 10/01/25 12:10
Date Received: 10/01/25 16:15

Lab Sample ID: 460-336212-16
Matrix: Solid

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Analysis	Moisture		1	1066315	CJC	EET EDI	10/06/25 16:57

Client Sample ID: 6C_6-12
Date Collected: 10/01/25 12:10
Date Received: 10/01/25 16:15

Lab Sample ID: 460-336212-16
Matrix: Solid
Percent Solids: 92.8

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Prep	3546			1065439	ARA	EET EDI	10/02/25 18:11
Total/NA	Analysis	8270E		1	1065761	YAH	EET EDI	10/04/25 00:03
Total/NA	Prep	3546			1065437	ARA	EET EDI	10/02/25 18:00
Total/NA	Analysis	8081B		1	1065523	FAM	EET EDI	10/03/25 13:16
Total/NA	Prep	3546			1065429	ARA	EET EDI	10/02/25 17:41
Total/NA	Analysis	8082A		1	1065479	AAA	EET EDI	10/03/25 19:48

Lab Chronicle

Client: Haley & Aldrich, Inc.
Project/Site: Former Port Mobil

Job ID: 460-336212-1

Client Sample ID: 6C_6-12
Date Collected: 10/01/25 12:10
Date Received: 10/01/25 16:15

Lab Sample ID: 460-336212-16
Matrix: Solid
Percent Solids: 92.8

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Prep	1633A Shake			710287	D5RZ	ELLE	10/07/25 14:14
Total/NA	Analysis	1633A		1	710138	DX7G	ELLE	10/08/25 02:49
Total/NA	Prep	3050B			1066435	FBT	EET EDI	10/07/25 06:40
Total/NA	Analysis	6020B		1	1066870	CDC	EET EDI	10/08/25 22:45
Total/NA	Prep	7471B			1066934	TJS	EET EDI	10/09/25 01:54
Total/NA	Analysis	7471B		1	1067052	TJS	EET EDI	10/09/25 07:54

Client Sample ID: 60A1_1-2
Date Collected: 10/01/25 08:50
Date Received: 10/01/25 16:15

Lab Sample ID: 460-336212-17
Matrix: Solid

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Analysis	Moisture		1	1066098	CJC	EET EDI	10/05/25 17:30

Client Sample ID: 60A1_1-2
Date Collected: 10/01/25 08:50
Date Received: 10/01/25 16:15

Lab Sample ID: 460-336212-17
Matrix: Solid
Percent Solids: 96.2

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Prep	5035			1066094	YXG	EET EDI	10/05/25 16:01
Total/NA	Analysis	8260D		1	1066241	EMM	EET EDI	10/06/25 10:19

Client Sample ID: 60A2_2-3
Date Collected: 10/01/25 08:55
Date Received: 10/01/25 16:15

Lab Sample ID: 460-336212-18
Matrix: Solid

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Analysis	Moisture		1	1066098	CJC	EET EDI	10/05/25 17:30

Client Sample ID: 60A2_2-3
Date Collected: 10/01/25 08:55
Date Received: 10/01/25 16:15

Lab Sample ID: 460-336212-18
Matrix: Solid
Percent Solids: 90.5

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Prep	5035			1066094	YXG	EET EDI	10/05/25 16:01
Total/NA	Analysis	8260D		1	1066241	EMM	EET EDI	10/06/25 10:42

Client Sample ID: 60A3_7-8
Date Collected: 10/01/25 09:00
Date Received: 10/01/25 16:15

Lab Sample ID: 460-336212-19
Matrix: Solid

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Analysis	Moisture		1	1066098	CJC	EET EDI	10/05/25 17:30

Lab Chronicle

Client: Haley & Aldrich, Inc.
Project/Site: Former Port Mobil

Job ID: 460-336212-1

Client Sample ID: 60A3_7-8
Date Collected: 10/01/25 09:00
Date Received: 10/01/25 16:15

Lab Sample ID: 460-336212-19
Matrix: Solid
Percent Solids: 94.0

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Prep	5035			1066094	YXG	EET EDI	10/05/25 16:02
Total/NA	Analysis	8260D		1	1066241	EMM	EET EDI	10/06/25 11:05

Client Sample ID: 60A1_3-4
Date Collected: 10/01/25 09:05
Date Received: 10/01/25 16:15

Lab Sample ID: 460-336212-20
Matrix: Solid

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Analysis	Moisture		1	1066098	CJC	EET EDI	10/05/25 17:30

Client Sample ID: 60A1_3-4
Date Collected: 10/01/25 09:05
Date Received: 10/01/25 16:15

Lab Sample ID: 460-336212-20
Matrix: Solid
Percent Solids: 95.5

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Prep	5035			1066094	YXG	EET EDI	10/05/25 16:02
Total/NA	Analysis	8260D		1	1066241	EMM	EET EDI	10/06/25 11:28

Client Sample ID: 60A2_4-5
Date Collected: 10/01/25 09:10
Date Received: 10/01/25 16:15

Lab Sample ID: 460-336212-21
Matrix: Solid

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Analysis	Moisture		1	1066098	CJC	EET EDI	10/05/25 17:30

Client Sample ID: 60A2_4-5
Date Collected: 10/01/25 09:10
Date Received: 10/01/25 16:15

Lab Sample ID: 460-336212-21
Matrix: Solid
Percent Solids: 89.6

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Prep	5035			1066094	YXG	EET EDI	10/05/25 16:02
Total/NA	Analysis	8260D		1	1066241	EMM	EET EDI	10/06/25 11:51

Client Sample ID: 60A3_5-6
Date Collected: 10/01/25 09:15
Date Received: 10/01/25 16:15

Lab Sample ID: 460-336212-22
Matrix: Solid

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Analysis	Moisture		1	1066098	CJC	EET EDI	10/05/25 17:30

Lab Chronicle

Client: Haley & Aldrich, Inc.
Project/Site: Former Port Mobil

Job ID: 460-336212-1

Client Sample ID: 60A3_5-6
Date Collected: 10/01/25 09:15
Date Received: 10/01/25 16:15

Lab Sample ID: 460-336212-22
Matrix: Solid
Percent Solids: 93.0

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Prep	5035			1066094	YXG	EET EDI	10/05/25 16:03
Total/NA	Analysis	8260D		1	1066241	EMM	EET EDI	10/06/25 12:15

Client Sample ID: 60A1_6-7
Date Collected: 10/01/25 09:20
Date Received: 10/01/25 16:15

Lab Sample ID: 460-336212-23
Matrix: Solid

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Analysis	Moisture		1	1066098	CJC	EET EDI	10/05/25 17:30

Client Sample ID: 60A1_6-7
Date Collected: 10/01/25 09:20
Date Received: 10/01/25 16:15

Lab Sample ID: 460-336212-23
Matrix: Solid
Percent Solids: 95.1

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Prep	5035			1066094	YXG	EET EDI	10/05/25 16:03
Total/NA	Analysis	8260D		1	1066241	EMM	EET EDI	10/06/25 12:39

Client Sample ID: 43A1_1-2
Date Collected: 10/01/25 09:25
Date Received: 10/01/25 16:15

Lab Sample ID: 460-336212-24
Matrix: Solid

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Analysis	Moisture		1	1066098	CJC	EET EDI	10/05/25 17:30

Client Sample ID: 43A1_1-2
Date Collected: 10/01/25 09:25
Date Received: 10/01/25 16:15

Lab Sample ID: 460-336212-24
Matrix: Solid
Percent Solids: 91.8

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Prep	5035			1066094	YXG	EET EDI	10/05/25 16:04
Total/NA	Analysis	8260D		1	1066241	EMM	EET EDI	10/06/25 13:02

Client Sample ID: 43A2_2-3
Date Collected: 10/01/25 09:30
Date Received: 10/01/25 16:15

Lab Sample ID: 460-336212-25
Matrix: Solid

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Analysis	Moisture		1	1066098	CJC	EET EDI	10/05/25 17:30

Lab Chronicle

Client: Haley & Aldrich, Inc.
Project/Site: Former Port Mobil

Job ID: 460-336212-1

Client Sample ID: 43A2_2-3
Date Collected: 10/01/25 09:30
Date Received: 10/01/25 16:15

Lab Sample ID: 460-336212-25
Matrix: Solid
Percent Solids: 96.2

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Prep	5035			1066094	YXG	EET EDI	10/05/25 16:04
Total/NA	Analysis	8260D		1	1066241	EMM	EET EDI	10/06/25 13:25

Client Sample ID: 43A3_3-4
Date Collected: 10/01/25 09:35
Date Received: 10/01/25 16:15

Lab Sample ID: 460-336212-26
Matrix: Solid

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Analysis	Moisture		1	1066098	CJC	EET EDI	10/05/25 17:30

Client Sample ID: 43A3_3-4
Date Collected: 10/01/25 09:35
Date Received: 10/01/25 16:15

Lab Sample ID: 460-336212-26
Matrix: Solid
Percent Solids: 89.9

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Prep	5035			1066094	YXG	EET EDI	10/05/25 16:05
Total/NA	Analysis	8260D		1	1066241	EMM	EET EDI	10/06/25 13:48

Client Sample ID: 43A1_4-5
Date Collected: 10/01/25 09:40
Date Received: 10/01/25 16:15

Lab Sample ID: 460-336212-27
Matrix: Solid

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Analysis	Moisture		1	1066098	CJC	EET EDI	10/05/25 17:30

Client Sample ID: 43A1_4-5
Date Collected: 10/01/25 09:40
Date Received: 10/01/25 16:15

Lab Sample ID: 460-336212-27
Matrix: Solid
Percent Solids: 89.5

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Prep	5035			1066094	YXG	EET EDI	10/05/25 16:05
Total/NA	Analysis	8260D		1	1066241	EMM	EET EDI	10/06/25 14:11

Client Sample ID: 43A2_5-6
Date Collected: 10/01/25 09:45
Date Received: 10/01/25 16:15

Lab Sample ID: 460-336212-28
Matrix: Solid

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Analysis	Moisture		1	1066098	CJC	EET EDI	10/05/25 17:30

Lab Chronicle

Client: Haley & Aldrich, Inc.
Project/Site: Former Port Mobil

Job ID: 460-336212-1

Client Sample ID: 43A2_5-6
Date Collected: 10/01/25 09:45
Date Received: 10/01/25 16:15

Lab Sample ID: 460-336212-28
Matrix: Solid
Percent Solids: 96.6

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Prep	5035			1066094	YXG	EET EDI	10/05/25 16:06
Total/NA	Analysis	8260D		1	1066241	EMM	EET EDI	10/06/25 14:34

Client Sample ID: 43A3_6-7
Date Collected: 10/01/25 09:50
Date Received: 10/01/25 16:15

Lab Sample ID: 460-336212-29
Matrix: Solid

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Analysis	Moisture		1	1066098	CJC	EET EDI	10/05/25 17:30

Client Sample ID: 43A3_6-7
Date Collected: 10/01/25 09:50
Date Received: 10/01/25 16:15

Lab Sample ID: 460-336212-29
Matrix: Solid
Percent Solids: 91.8

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Prep	5035			1066094	YXG	EET EDI	10/05/25 16:06
Total/NA	Analysis	8260D		1	1066241	EMM	EET EDI	10/06/25 14:57

Client Sample ID: 43A2_7-8
Date Collected: 10/01/25 09:55
Date Received: 10/01/25 16:15

Lab Sample ID: 460-336212-30
Matrix: Solid

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Analysis	Moisture		1	1066098	CJC	EET EDI	10/05/25 17:30

Client Sample ID: 43A2_7-8
Date Collected: 10/01/25 09:55
Date Received: 10/01/25 16:15

Lab Sample ID: 460-336212-30
Matrix: Solid
Percent Solids: 95.8

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Prep	5035			1066094	YXG	EET EDI	10/05/25 16:06
Total/NA	Analysis	8260D		1	1066241	EMM	EET EDI	10/06/25 15:20

Client Sample ID: 43B1_1-2
Date Collected: 10/01/25 10:00
Date Received: 10/01/25 16:15

Lab Sample ID: 460-336212-31
Matrix: Solid

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Analysis	Moisture		1	1066098	CJC	EET EDI	10/05/25 17:30

Lab Chronicle

Client: Haley & Aldrich, Inc.
Project/Site: Former Port Mobil

Job ID: 460-336212-1

Client Sample ID: 43B1_1-2
Date Collected: 10/01/25 10:00
Date Received: 10/01/25 16:15

Lab Sample ID: 460-336212-31
Matrix: Solid
Percent Solids: 93.0

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Prep	5035			1066094	YXG	EET EDI	10/05/25 16:07
Total/NA	Analysis	8260D		1	1066241	EMM	EET EDI	10/06/25 15:43

Client Sample ID: 43B2_2-3
Date Collected: 10/01/25 10:05
Date Received: 10/01/25 16:15

Lab Sample ID: 460-336212-32
Matrix: Solid

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Analysis	Moisture		1	1066098	CJC	EET EDI	10/05/25 17:30

Client Sample ID: 43B2_2-3
Date Collected: 10/01/25 10:05
Date Received: 10/01/25 16:15

Lab Sample ID: 460-336212-32
Matrix: Solid
Percent Solids: 94.3

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Prep	5035			1066094	YXG	EET EDI	10/05/25 16:07
Total/NA	Analysis	8260D		1	1066241	EMM	EET EDI	10/06/25 16:06

Client Sample ID: 43B3_3-4
Date Collected: 10/01/25 10:10
Date Received: 10/01/25 16:15

Lab Sample ID: 460-336212-33
Matrix: Solid

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Analysis	Moisture		1	1066098	CJC	EET EDI	10/05/25 17:30

Client Sample ID: 43B3_3-4
Date Collected: 10/01/25 10:10
Date Received: 10/01/25 16:15

Lab Sample ID: 460-336212-33
Matrix: Solid
Percent Solids: 89.1

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Prep	5035			1066094	YXG	EET EDI	10/05/25 16:08
Total/NA	Analysis	8260D		1	1066241	EMM	EET EDI	10/06/25 16:29

Client Sample ID: 43B1_4-5
Date Collected: 10/01/25 10:15
Date Received: 10/01/25 16:15

Lab Sample ID: 460-336212-34
Matrix: Solid

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Analysis	Moisture		1	1066098	CJC	EET EDI	10/05/25 17:30

Lab Chronicle

Client: Haley & Aldrich, Inc.
Project/Site: Former Port Mobil

Job ID: 460-336212-1

Client Sample ID: 43B1_4-5
Date Collected: 10/01/25 10:15
Date Received: 10/01/25 16:15

Lab Sample ID: 460-336212-34
Matrix: Solid
Percent Solids: 93.4

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Prep	5035			1066094	YXG	EET EDI	10/05/25 16:08
Total/NA	Analysis	8260D		1	1066241	EMM	EET EDI	10/06/25 16:52

Client Sample ID: 43B2_5-6
Date Collected: 10/01/25 10:20
Date Received: 10/01/25 16:15

Lab Sample ID: 460-336212-35
Matrix: Solid

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Analysis	Moisture		1	1066098	CJC	EET EDI	10/05/25 17:30

Client Sample ID: 43B2_5-6
Date Collected: 10/01/25 10:20
Date Received: 10/01/25 16:15

Lab Sample ID: 460-336212-35
Matrix: Solid
Percent Solids: 93.2

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Prep	5035			1066094	YXG	EET EDI	10/05/25 16:09
Total/NA	Analysis	8260D		1	1066241	EMM	EET EDI	10/06/25 17:15

Client Sample ID: 43B3_6-7
Date Collected: 10/01/25 10:25
Date Received: 10/01/25 16:15

Lab Sample ID: 460-336212-36
Matrix: Solid

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Analysis	Moisture		1	1066098	CJC	EET EDI	10/05/25 17:30

Client Sample ID: 43B3_6-7
Date Collected: 10/01/25 10:25
Date Received: 10/01/25 16:15

Lab Sample ID: 460-336212-36
Matrix: Solid
Percent Solids: 91.4

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Prep	5035			1066094	YXG	EET EDI	10/05/25 16:09
Total/NA	Analysis	8260D		1	1066241	EMM	EET EDI	10/06/25 17:38

Client Sample ID: 43B1_7-8
Date Collected: 10/01/25 10:30
Date Received: 10/01/25 16:15

Lab Sample ID: 460-336212-37
Matrix: Solid

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Analysis	Moisture		1	1066098	CJC	EET EDI	10/05/25 17:30

Lab Chronicle

Client: Haley & Aldrich, Inc.
Project/Site: Former Port Mobil

Job ID: 460-336212-1

Client Sample ID: 43B1_7-8
Date Collected: 10/01/25 10:30
Date Received: 10/01/25 16:15

Lab Sample ID: 460-336212-37
Matrix: Solid
Percent Solids: 92.2

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Prep	5035			1066104	YXG	EET EDI	10/05/25 17:26
Total/NA	Analysis	8260D		1	1066309	EMM	EET EDI	10/07/25 00:58

Client Sample ID: 8B1_1-2
Date Collected: 10/01/25 10:35
Date Received: 10/01/25 16:15

Lab Sample ID: 460-336212-38
Matrix: Solid

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Analysis	Moisture		1	1066098	CJC	EET EDI	10/05/25 17:30

Client Sample ID: 8B1_1-2
Date Collected: 10/01/25 10:35
Date Received: 10/01/25 16:15

Lab Sample ID: 460-336212-38
Matrix: Solid
Percent Solids: 91.9

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Prep	5035			1066104	YXG	EET EDI	10/05/25 17:26
Total/NA	Analysis	8260D		1	1066075	SZK	EET EDI	10/06/25 16:51

Client Sample ID: 8B2_2-3
Date Collected: 10/01/25 10:40
Date Received: 10/01/25 16:15

Lab Sample ID: 460-336212-39
Matrix: Solid

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Analysis	Moisture		1	1066098	CJC	EET EDI	10/05/25 17:30

Client Sample ID: 8B2_2-3
Date Collected: 10/01/25 10:40
Date Received: 10/01/25 16:15

Lab Sample ID: 460-336212-39
Matrix: Solid
Percent Solids: 90.7

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Prep	5035			1066104	YXG	EET EDI	10/05/25 17:26
Total/NA	Analysis	8260D		1	1066075	SZK	EET EDI	10/06/25 16:27

Client Sample ID: 8B3_4-5
Date Collected: 10/01/25 10:45
Date Received: 10/01/25 16:15

Lab Sample ID: 460-336212-40
Matrix: Solid

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Analysis	Moisture		1	1066098	CJC	EET EDI	10/05/25 17:30

Client Sample ID: 8B3_4-5
Date Collected: 10/01/25 10:45
Date Received: 10/01/25 16:15

Lab Sample ID: 460-336212-40
Matrix: Solid
Percent Solids: 90.1

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Prep	5035			1066104	YXG	EET EDI	10/05/25 17:27
Total/NA	Analysis	8260D		1	1066309	EMM	EET EDI	10/07/25 01:22

Client Sample ID: 8B1_5-6
Date Collected: 10/01/25 10:50
Date Received: 10/01/25 16:15

Lab Sample ID: 460-336212-41
Matrix: Solid

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Analysis	Moisture		1	1066098	CJC	EET EDI	10/05/25 17:30

Client Sample ID: 8B1_5-6
Date Collected: 10/01/25 10:50
Date Received: 10/01/25 16:15

Lab Sample ID: 460-336212-41
Matrix: Solid
Percent Solids: 93.3

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Prep	5035			1066104	YXG	EET EDI	10/05/25 17:27
Total/NA	Analysis	8260D		1	1066075	SZK	EET EDI	10/06/25 17:39

Client Sample ID: 8B2_6-7
Date Collected: 10/01/25 10:55
Date Received: 10/01/25 16:15

Lab Sample ID: 460-336212-42
Matrix: Solid

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Analysis	Moisture		1	1066098	CJC	EET EDI	10/05/25 17:30

Client Sample ID: 8B2_6-7
Date Collected: 10/01/25 10:55
Date Received: 10/01/25 16:15

Lab Sample ID: 460-336212-42
Matrix: Solid
Percent Solids: 91.2

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Prep	5035			1066104	YXG	EET EDI	10/05/25 17:28
Total/NA	Analysis	8260D		1	1066075	SZK	EET EDI	10/06/25 18:03

Client Sample ID: 8B3_8-9
Date Collected: 10/01/25 11:00
Date Received: 10/01/25 16:15

Lab Sample ID: 460-336212-43
Matrix: Solid

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Analysis	Moisture		1	1066098	CJC	EET EDI	10/05/25 17:30

Lab Chronicle

Client: Haley & Aldrich, Inc.
Project/Site: Former Port Mobil

Job ID: 460-336212-1

Client Sample ID: 8B3_8-9
Date Collected: 10/01/25 11:00
Date Received: 10/01/25 16:15

Lab Sample ID: 460-336212-43
Matrix: Solid
Percent Solids: 89.6

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Prep	5035			1066104	YXG	EET EDI	10/05/25 17:28
Total/NA	Analysis	8260D		1	1066075	SZK	EET EDI	10/06/25 18:28

Client Sample ID: 8B2_9-10
Date Collected: 10/01/25 11:05
Date Received: 10/01/25 16:15

Lab Sample ID: 460-336212-44
Matrix: Solid

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Analysis	Moisture		1	1066098	CJC	EET EDI	10/05/25 17:30

Client Sample ID: 8B2_9-10
Date Collected: 10/01/25 11:05
Date Received: 10/01/25 16:15

Lab Sample ID: 460-336212-44
Matrix: Solid
Percent Solids: 91.6

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Prep	5035			1066104	YXG	EET EDI	10/05/25 17:29
Total/NA	Analysis	8260D		1	1066310	EMM	EET EDI	10/07/25 13:32

Client Sample ID: 8A1_1-2
Date Collected: 10/01/25 11:10
Date Received: 10/01/25 16:15

Lab Sample ID: 460-336212-45
Matrix: Solid

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Analysis	Moisture		1	1066098	CJC	EET EDI	10/05/25 17:30

Client Sample ID: 8A1_1-2
Date Collected: 10/01/25 11:10
Date Received: 10/01/25 16:15

Lab Sample ID: 460-336212-45
Matrix: Solid
Percent Solids: 89.1

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Prep	5035			1066104	YXG	EET EDI	10/05/25 17:30
Total/NA	Analysis	8260D		1	1066310	EMM	EET EDI	10/07/25 13:02

Client Sample ID: 8A2_2-3
Date Collected: 10/01/25 11:15
Date Received: 10/01/25 16:15

Lab Sample ID: 460-336212-46
Matrix: Solid

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Analysis	Moisture		1	1066098	CJC	EET EDI	10/05/25 17:30

Lab Chronicle

Client: Haley & Aldrich, Inc.
Project/Site: Former Port Mobil

Job ID: 460-336212-1

Client Sample ID: 8A2_2-3
Date Collected: 10/01/25 11:15
Date Received: 10/01/25 16:15

Lab Sample ID: 460-336212-46
Matrix: Solid
Percent Solids: 88.3

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Prep	5035			1066104	YXG	EET EDI	10/05/25 17:30
Total/NA	Analysis	8260D		1	1066075	SZK	EET EDI	10/06/25 19:40

Client Sample ID: 8A3_4-5
Date Collected: 10/01/25 11:20
Date Received: 10/01/25 16:15

Lab Sample ID: 460-336212-47
Matrix: Solid

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Analysis	Moisture		1	1066098	CJC	EET EDI	10/05/25 17:30

Client Sample ID: 8A3_4-5
Date Collected: 10/01/25 11:20
Date Received: 10/01/25 16:15

Lab Sample ID: 460-336212-47
Matrix: Solid
Percent Solids: 90.9

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Prep	5035			1066104	YXG	EET EDI	10/05/25 17:30
Total/NA	Analysis	8260D		1	1066075	SZK	EET EDI	10/06/25 20:08

Client Sample ID: 8A1_5-6
Date Collected: 10/01/25 11:25
Date Received: 10/01/25 16:15

Lab Sample ID: 460-336212-48
Matrix: Solid

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Analysis	Moisture		1	1066098	CJC	EET EDI	10/05/25 17:30

Client Sample ID: 8A1_5-6
Date Collected: 10/01/25 11:25
Date Received: 10/01/25 16:15

Lab Sample ID: 460-336212-48
Matrix: Solid
Percent Solids: 90.2

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Prep	5035			1066104	YXG	EET EDI	10/05/25 17:31
Total/NA	Analysis	8260D		1	1066075	SZK	EET EDI	10/06/25 20:32

Client Sample ID: 8A2_7-8
Date Collected: 10/01/25 11:30
Date Received: 10/01/25 16:15

Lab Sample ID: 460-336212-49
Matrix: Solid

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Analysis	Moisture		1	1066098	CJC	EET EDI	10/05/25 17:30

Lab Chronicle

Client: Haley & Aldrich, Inc.
Project/Site: Former Port Mobil

Job ID: 460-336212-1

Client Sample ID: 8A2_7-8
Date Collected: 10/01/25 11:30
Date Received: 10/01/25 16:15

Lab Sample ID: 460-336212-49
Matrix: Solid
Percent Solids: 91.5

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Prep	5035			1066104	YXG	EET EDI	10/05/25 17:31
Total/NA	Analysis	8260D		1	1066253	EMM	EET EDI	10/06/25 20:42

Client Sample ID: 8A3_8-9
Date Collected: 10/01/25 11:35
Date Received: 10/01/25 16:15

Lab Sample ID: 460-336212-50
Matrix: Solid

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Analysis	Moisture		1	1066098	CJC	EET EDI	10/05/25 17:30

Client Sample ID: 8A3_8-9
Date Collected: 10/01/25 11:35
Date Received: 10/01/25 16:15

Lab Sample ID: 460-336212-50
Matrix: Solid
Percent Solids: 90.4

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Prep	5035			1066104	YXG	EET EDI	10/05/25 17:32
Total/NA	Analysis	8260D		1	1066253	EMM	EET EDI	10/06/25 21:05

Client Sample ID: 8A1_9-10
Date Collected: 10/01/25 11:40
Date Received: 10/01/25 16:15

Lab Sample ID: 460-336212-51
Matrix: Solid

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Analysis	Moisture		1	1066098	CJC	EET EDI	10/05/25 17:30

Client Sample ID: 8A1_9-10
Date Collected: 10/01/25 11:40
Date Received: 10/01/25 16:15

Lab Sample ID: 460-336212-51
Matrix: Solid
Percent Solids: 89.6

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Prep	5035			1066103	YXG	EET EDI	10/05/25 17:07
Total/NA	Analysis	8260D		50	1067457	KLB	EET EDI	10/10/25 19:41

Client Sample ID: 6A1_1-2
Date Collected: 10/01/25 13:25
Date Received: 10/01/25 16:15

Lab Sample ID: 460-336212-52
Matrix: Solid

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Analysis	Moisture		1	1066098	CJC	EET EDI	10/05/25 17:30

Lab Chronicle

Client: Haley & Aldrich, Inc.
Project/Site: Former Port Mobil

Job ID: 460-336212-1

Client Sample ID: 6A1_1-2
Date Collected: 10/01/25 13:25
Date Received: 10/01/25 16:15

Lab Sample ID: 460-336212-52
Matrix: Solid
Percent Solids: 94.9

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Prep	5035			1066104	YXG	EET EDI	10/05/25 17:33
Total/NA	Analysis	8260D		1	1066524	EMM	EET EDI	10/07/25 18:52

Client Sample ID: 6A2_2-3
Date Collected: 10/01/25 13:30
Date Received: 10/01/25 16:15

Lab Sample ID: 460-336212-53
Matrix: Solid

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Analysis	Moisture		1	1066099	CJC	EET EDI	10/05/25 17:33

Client Sample ID: 6A2_2-3
Date Collected: 10/01/25 13:30
Date Received: 10/01/25 16:15

Lab Sample ID: 460-336212-53
Matrix: Solid
Percent Solids: 92.4

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Prep	5035			1066104	YXG	EET EDI	10/05/25 17:33
Total/NA	Analysis	8260D		1	1066524	EMM	EET EDI	10/07/25 18:29

Client Sample ID: 6A3_4-5
Date Collected: 10/01/25 13:35
Date Received: 10/01/25 16:15

Lab Sample ID: 460-336212-54
Matrix: Solid

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Analysis	Moisture		1	1066099	CJC	EET EDI	10/05/25 17:33

Client Sample ID: 6A3_4-5
Date Collected: 10/01/25 13:35
Date Received: 10/01/25 16:15

Lab Sample ID: 460-336212-54
Matrix: Solid
Percent Solids: 93.6

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Prep	5035			1066104	YXG	EET EDI	10/05/25 17:34
Total/NA	Analysis	8260D		1	1066253	EMM	EET EDI	10/06/25 22:53

Client Sample ID: 6A1_5-6
Date Collected: 10/01/25 13:40
Date Received: 10/01/25 16:15

Lab Sample ID: 460-336212-55
Matrix: Solid

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Analysis	Moisture		1	1066099	CJC	EET EDI	10/05/25 17:33

Lab Chronicle

Client: Haley & Aldrich, Inc.
Project/Site: Former Port Mobil

Job ID: 460-336212-1

Client Sample ID: 6A1_5-6
Date Collected: 10/01/25 13:40
Date Received: 10/01/25 16:15

Lab Sample ID: 460-336212-55
Matrix: Solid
Percent Solids: 86.9

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Prep	5035			1066104	YXG	EET EDI	10/05/25 17:34
Total/NA	Analysis	8260D		1	1066253	EMM	EET EDI	10/06/25 23:16

Client Sample ID: 6A2_7-8
Date Collected: 10/01/25 13:45
Date Received: 10/01/25 16:15

Lab Sample ID: 460-336212-56
Matrix: Solid

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Analysis	Moisture		1	1066099	CJC	EET EDI	10/05/25 17:33

Client Sample ID: 6A2_7-8
Date Collected: 10/01/25 13:45
Date Received: 10/01/25 16:15

Lab Sample ID: 460-336212-56
Matrix: Solid
Percent Solids: 90.0

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Prep	5035			1066104	YXG	EET EDI	10/05/25 17:35
Total/NA	Analysis	8260D		1	1066253	EMM	EET EDI	10/06/25 23:39

Client Sample ID: 6A3_9-10
Date Collected: 10/01/25 13:50
Date Received: 10/01/25 16:15

Lab Sample ID: 460-336212-57
Matrix: Solid

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Analysis	Moisture		1	1066099	CJC	EET EDI	10/05/25 17:33

Client Sample ID: 6A3_9-10
Date Collected: 10/01/25 13:50
Date Received: 10/01/25 16:15

Lab Sample ID: 460-336212-57
Matrix: Solid
Percent Solids: 93.0

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Prep	5035			1066104	YXG	EET EDI	10/05/25 17:35
Total/NA	Analysis	8260D		1	1066253	EMM	EET EDI	10/07/25 00:02

Client Sample ID: 6A1_10-11
Date Collected: 10/01/25 13:55
Date Received: 10/01/25 16:15

Lab Sample ID: 460-336212-58
Matrix: Solid

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Analysis	Moisture		1	1066099	CJC	EET EDI	10/05/25 17:33

Client Sample ID: 6A1_10-11 — **Lab Sample ID: 460-336212-58**
Date Collected: 10/01/25 13:55 — **Matrix: Solid**
Date Received: 10/01/25 16:15 — **Percent Solids: 86.5**

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Prep	5035			1066104	YXG	EET EDI	10/05/25 17:36
Total/NA	Analysis	8260D		1	1066253	EMM	EET EDI	10/07/25 00:25

Client Sample ID: 6B1_1-2 — **Lab Sample ID: 460-336212-59**
Date Collected: 10/01/25 12:20 — **Matrix: Solid**
Date Received: 10/01/25 16:15

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Analysis	Moisture		1	1066099	CJC	EET EDI	10/05/25 17:33

Client Sample ID: 6B1_1-2 — **Lab Sample ID: 460-336212-59**
Date Collected: 10/01/25 12:20 — **Matrix: Solid**
Date Received: 10/01/25 16:15 — **Percent Solids: 90.3**

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Prep	5035			1066104	YXG	EET EDI	10/05/25 17:36
Total/NA	Analysis	8260D		1	1066524	EMM	EET EDI	10/07/25 19:38

Client Sample ID: 6B2_3-4 — **Lab Sample ID: 460-336212-60**
Date Collected: 10/01/25 12:25 — **Matrix: Solid**
Date Received: 10/01/25 16:15

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Analysis	Moisture		1	1066099	CJC	EET EDI	10/05/25 17:33

Client Sample ID: 6B2_3-4 — **Lab Sample ID: 460-336212-60**
Date Collected: 10/01/25 12:25 — **Matrix: Solid**
Date Received: 10/01/25 16:15 — **Percent Solids: 93.7**

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Prep	5035			1066104	YXG	EET EDI	10/05/25 17:37
Total/NA	Analysis	8260D		1	1066253	EMM	EET EDI	10/07/25 01:11

Client Sample ID: 6B3_2-3 — **Lab Sample ID: 460-336212-61**
Date Collected: 10/01/25 12:30 — **Matrix: Solid**
Date Received: 10/01/25 16:15

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Analysis	Moisture		1	1066099	CJC	EET EDI	10/05/25 17:33

Lab Chronicle

Client: Haley & Aldrich, Inc.
Project/Site: Former Port Mobil

Job ID: 460-336212-1

Client Sample ID: 6B3_2-3
Date Collected: 10/01/25 12:30
Date Received: 10/01/25 16:15

Lab Sample ID: 460-336212-61
Matrix: Solid
Percent Solids: 90.1

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Prep	5035			1066104	YXG	EET EDI	10/05/25 17:37
Total/NA	Analysis	8260D		1	1066253	EMM	EET EDI	10/07/25 01:34

Client Sample ID: 6B1_5-6
Date Collected: 10/01/25 12:35
Date Received: 10/01/25 16:15

Lab Sample ID: 460-336212-62
Matrix: Solid

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Analysis	Moisture		1	1066099	CJC	EET EDI	10/05/25 17:33

Client Sample ID: 6B1_5-6
Date Collected: 10/01/25 12:35
Date Received: 10/01/25 16:15

Lab Sample ID: 460-336212-62
Matrix: Solid
Percent Solids: 89.9

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Prep	5035			1066104	YXG	EET EDI	10/05/25 17:38
Total/NA	Analysis	8260D		1	1066253	EMM	EET EDI	10/07/25 01:57

Client Sample ID: 6B2_6-7
Date Collected: 10/01/25 12:40
Date Received: 10/01/25 16:15

Lab Sample ID: 460-336212-63
Matrix: Solid

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Analysis	Moisture		1	1066099	CJC	EET EDI	10/05/25 17:33

Client Sample ID: 6B2_6-7
Date Collected: 10/01/25 12:40
Date Received: 10/01/25 16:15

Lab Sample ID: 460-336212-63
Matrix: Solid
Percent Solids: 88.4

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Prep	5035			1066104	YXG	EET EDI	10/05/25 17:38
Total/NA	Analysis	8260D		1	1066253	EMM	EET EDI	10/07/25 02:20

Client Sample ID: 6B3_8-9
Date Collected: 10/01/25 12:45
Date Received: 10/01/25 16:15

Lab Sample ID: 460-336212-64
Matrix: Solid

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Analysis	Moisture		1	1066099	CJC	EET EDI	10/05/25 17:33

Lab Chronicle

Client: Haley & Aldrich, Inc.
Project/Site: Former Port Mobil

Job ID: 460-336212-1

Client Sample ID: 6B3_8-9
Date Collected: 10/01/25 12:45
Date Received: 10/01/25 16:15

Lab Sample ID: 460-336212-64
Matrix: Solid
Percent Solids: 91.4

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Prep	5035			1066104	YXG	EET EDI	10/05/25 17:39
Total/NA	Analysis	8260D		1	1066524	EMM	EET EDI	10/07/25 19:15

Client Sample ID: 6B1_9-10
Date Collected: 10/01/25 12:50
Date Received: 10/01/25 16:15

Lab Sample ID: 460-336212-65
Matrix: Solid

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Analysis	Moisture		1	1066099	CJC	EET EDI	10/05/25 17:33

Client Sample ID: 6B1_9-10
Date Collected: 10/01/25 12:50
Date Received: 10/01/25 16:15

Lab Sample ID: 460-336212-65
Matrix: Solid
Percent Solids: 93.7

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Prep	5035			1066104	YXG	EET EDI	10/05/25 17:39
Total/NA	Analysis	8260D		1	1066253	EMM	EET EDI	10/07/25 03:06

Client Sample ID: 6C1_1-2
Date Collected: 10/01/25 12:51
Date Received: 10/01/25 16:15

Lab Sample ID: 460-336212-66
Matrix: Solid

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Analysis	Moisture		1	1066099	CJC	EET EDI	10/05/25 17:33

Client Sample ID: 6C1_1-2
Date Collected: 10/01/25 12:51
Date Received: 10/01/25 16:15

Lab Sample ID: 460-336212-66
Matrix: Solid
Percent Solids: 93.3

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Prep	5035			1066104	YXG	EET EDI	10/05/25 17:39
Total/NA	Analysis	8260D		1	1066253	EMM	EET EDI	10/07/25 03:29

Client Sample ID: 6C2_2-3
Date Collected: 10/01/25 12:55
Date Received: 10/01/25 16:15

Lab Sample ID: 460-336212-67
Matrix: Solid

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Analysis	Moisture		1	1066099	CJC	EET EDI	10/05/25 17:33

Lab Chronicle

Client: Haley & Aldrich, Inc.
Project/Site: Former Port Mobil

Job ID: 460-336212-1

Client Sample ID: 6C2_2-3
Date Collected: 10/01/25 12:55
Date Received: 10/01/25 16:15

Lab Sample ID: 460-336212-67
Matrix: Solid
Percent Solids: 93.6

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Prep	5035			1066104	YXG	EET EDI	10/05/25 17:40
Total/NA	Analysis	8260D		1	1066253	EMM	EET EDI	10/07/25 03:52

Client Sample ID: 6C3_4-5
Date Collected: 10/01/25 13:00
Date Received: 10/01/25 16:15

Lab Sample ID: 460-336212-68
Matrix: Solid

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Analysis	Moisture		1	1066099	CJC	EET EDI	10/05/25 17:33

Client Sample ID: 6C3_4-5
Date Collected: 10/01/25 13:00
Date Received: 10/01/25 16:15

Lab Sample ID: 460-336212-68
Matrix: Solid
Percent Solids: 90.5

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Prep	5035			1066104	YXG	EET EDI	10/05/25 17:40
Total/NA	Analysis	8260D		1	1066253	EMM	EET EDI	10/07/25 04:15

Client Sample ID: 6C1_5-6
Date Collected: 10/01/25 13:05
Date Received: 10/01/25 16:15

Lab Sample ID: 460-336212-69
Matrix: Solid

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Analysis	Moisture		1	1066099	CJC	EET EDI	10/05/25 17:33

Client Sample ID: 6C1_5-6
Date Collected: 10/01/25 13:05
Date Received: 10/01/25 16:15

Lab Sample ID: 460-336212-69
Matrix: Solid
Percent Solids: 90.6

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Prep	5035			1066104	YXG	EET EDI	10/05/25 17:41
Total/NA	Analysis	8260D		1	1066254	EMM	EET EDI	10/07/25 07:32

Client Sample ID: 6C2_7-8
Date Collected: 10/01/25 13:10
Date Received: 10/01/25 16:15

Lab Sample ID: 460-336212-70
Matrix: Solid

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Analysis	Moisture		1	1066099	CJC	EET EDI	10/05/25 17:33

Lab Chronicle

Client: Haley & Aldrich, Inc.
Project/Site: Former Port Mobil

Job ID: 460-336212-1

Client Sample ID: 6C2_7-8
Date Collected: 10/01/25 13:10
Date Received: 10/01/25 16:15

Lab Sample ID: 460-336212-70
Matrix: Solid
Percent Solids: 92.9

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Prep	5035			1066104	YXG	EET EDI	10/05/25 17:41
Total/NA	Analysis	8260D		1	1066254	EMM	EET EDI	10/07/25 07:55

Client Sample ID: 6C3_9-10
Date Collected: 10/01/25 13:15
Date Received: 10/01/25 16:15

Lab Sample ID: 460-336212-71
Matrix: Solid

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Analysis	Moisture		1	1066099	CJC	EET EDI	10/05/25 17:33

Client Sample ID: 6C3_9-10
Date Collected: 10/01/25 13:15
Date Received: 10/01/25 16:15

Lab Sample ID: 460-336212-71
Matrix: Solid
Percent Solids: 90.2

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Prep	5035			1066104	YXG	EET EDI	10/05/25 17:42
Total/NA	Analysis	8260D		1	1066254	EMM	EET EDI	10/07/25 08:18

Client Sample ID: 6C2_10-11
Date Collected: 10/01/25 13:20
Date Received: 10/01/25 16:15

Lab Sample ID: 460-336212-72
Matrix: Solid

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Analysis	Moisture		1	1066099	CJC	EET EDI	10/05/25 17:33

Client Sample ID: 6C2_10-11
Date Collected: 10/01/25 13:20
Date Received: 10/01/25 16:15

Lab Sample ID: 460-336212-72
Matrix: Solid
Percent Solids: 90.9

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Prep	5035			1066104	YXG	EET EDI	10/05/25 17:42
Total/NA	Analysis	8260D		1	1066254	EMM	EET EDI	10/07/25 08:41

Laboratory References:

EET EDI = Eurofins Edison, 777 New Durham Road, Edison, NJ 08817, TEL (732)549-3900

ELLE = Eurofins Lancaster Laboratories Environment Testing, LLC, 2425 New Holland Pike, Lancaster, PA 17601, TEL (717)656-2300

Accreditation/Certification Summary

Client: Haley & Aldrich, Inc.
Project/Site: Former Port Mobil

Job ID: 460-336212-1

Laboratory: Eurofins Edison

Unless otherwise noted, all analytes for this laboratory were covered under each accreditation/certification below.

Authority	Program	Identification Number	Expiration Date
New York	NELAP	11452	04-01-26

The following analytes are included in this report, but the laboratory is not certified by the governing authority. This list may include analytes for which the agency does not offer certification.

Analysis Method	Prep Method	Matrix	Analyte
8270E	3546	Solid	3 & 4 Methylphenol
Moisture		Solid	Percent Moisture
Moisture		Solid	Percent Solids

Laboratory: Eurofins Lancaster Laboratories Environment Testing, LLC

All accreditations/certifications held by this laboratory are listed. Not all accreditations/certifications are applicable to this report.

Authority	Program	Identification Number	Expiration Date
A2LA	Dept. of Defense ELAP	0001.01	11-30-26
A2LA	Dept. of Energy	0001.01	11-30-26
A2LA	ISO/IEC 17025	0001.01	11-30-26
Alabama	State	43200	01-31-26
Alaska	State	PA00009	06-30-26
Alaska (UST)	State	17-027	12-30-26
Arizona	State	AZ0780	03-12-26
Arkansas DEQ	State	88-00660	08-09-26
California	State	2792	01-31-26
Colorado	State	PA00009	06-30-26
Connecticut	State	PH-0746	06-30-27
DE Haz. Subst. Cleanup Act (HSCA)	State	019-006 (PA cert)	01-31-26
Delaware (DW)	State	N/A	01-31-26
Florida	NELAP	E87997	07-01-26
Georgia (DW)	State	C048	01-31-26
Illinois	NELAP	200027	01-31-26
Iowa	State	361	03-01-26
Kansas	NELAP	E-10151	10-31-25
Kentucky (DW)	State	KY90088	12-31-25
Kentucky (UST)	State	0001.01	11-30-26
Kentucky (WW)	State	KY90088	12-31-25
Louisiana (All)	NELAP	02055	06-30-26
Maine	State	2019012	03-12-27
Maryland	State	100	06-30-26
Massachusetts	State	M-PA009	06-30-26
Michigan	State	9930	01-31-26
Minnesota	NELAP	042-999-487	12-31-25
Mississippi	State	023	01-31-26
Missouri	State	450	01-31-28
Montana (DW)	State	0098	01-01-26
Nebraska	State	NE-OS-32-17	01-31-26
New Hampshire	NELAP	2730	01-10-26
New Jersey	NELAP	PA011	06-30-26
New York	NELAP	10670	04-01-26
North Carolina (DW)	State	42705	07-31-26
North Carolina (WW/SW)	State	521	12-31-25
North Dakota	State	R-205	01-31-24 *
Ohio	State	87787	01-31-26

* Accreditation/Certification renewal pending - accreditation/certification considered valid.

Accreditation/Certification Summary

Client: Haley & Aldrich, Inc.
Project/Site: Former Port Mobil

Job ID: 460-336212-1

Laboratory: Eurofins Lancaster Laboratories Environment Testing, LLC (Continued)

All accreditations/certifications held by this laboratory are listed. Not all accreditations/certifications are applicable to this report.

Authority	Program	Identification Number	Expiration Date
Oklahoma	NELAP	9804	12-31-25
Oregon	NELAP	PA200001	09-12-26
Pennsylvania	NELAP	36-00037	01-31-26
Quebec Ministry of Environment and Fight against Climate Change	PALA	507	09-16-29
Rhode Island	State	LAO00338	12-30-25
South Carolina	State	89002	01-31-26
Tennessee	State	02838	01-31-26
Texas	NELAP	T104704194-23-46	08-31-26
USDA	US Federal Programs	525-22-298-19481	10-25-25
Vermont	State	VT - 36037	10-27-25
Virginia	NELAP	460182	06-14-26
Washington	State	C457	04-11-26
West Virginia (DW)	State	9906 C	03-31-26
West Virginia DEP	State	055	07-31-26
Wyoming	State	8TMS-L	01-31-26
Wyoming (UST)	A2LA	0001.01	11-30-26

Method Summary

Client: Haley & Aldrich, Inc.
Project/Site: Former Port Mobil

Job ID: 460-336212-1

Method	Method Description	Protocol	Laboratory
8260D	Volatile Organic Compounds by GC/MS	SW846	EET EDI
8270E	Semivolatile Organic Compounds (GC/MS)	SW846	EET EDI
8081B	Organochlorine Pesticides (GC)	SW846	EET EDI
8082A	Polychlorinated Biphenyls (PCBs) by Gas Chromatography	SW846	EET EDI
1633A	Per- and Polyfluoroalkyl Substances by LC/MS/MS, 1633A	EPA	ELLE
6020B	Metals (ICP/MS)	SW846	EET EDI
7471B	Mercury (CVAA)	SW846	EET EDI
Moisture	Percent Moisture	EPA	EET EDI
1633A Shake	Shake Extraction with SPE	EPA	ELLE
3050B	Preparation, Metals	SW846	EET EDI
3546	Microwave Extraction	SW846	EET EDI
5035	Closed System Purge and Trap	SW846	EET EDI
7471B	Preparation, Mercury	SW846	EET EDI

Protocol References:

EPA = US Environmental Protection Agency

SW846 = "Test Methods For Evaluating Solid Waste, Physical/Chemical Methods", Third Edition, November 1986 And Its Updates.

Laboratory References:

EET EDI = Eurofins Edison, 777 New Durham Road, Edison, NJ 08817, TEL (732)549-3900

ELLE = Eurofins Lancaster Laboratories Environment Testing, LLC, 2425 New Holland Pike, Lancaster, PA 17601, TEL (717)656-2300

Sample Summary

Client: Haley & Aldrich, Inc.
Project/Site: Former Port Mobil

Job ID: 460-336212-1

Lab Sample ID	Client Sample ID	Matrix	Collected	Received	Sample Origin
460-336212-1	60A_0-4	Solid	10/01/25 08:20	10/01/25 16:15	New York
460-336212-2	60A_4-8	Solid	10/01/25 08:25	10/01/25 16:15	New York
460-336212-3	43A_0-4	Solid	10/01/25 08:00	10/01/25 16:15	New York
460-336212-4	43A_4-8	Solid	10/01/25 08:05	10/01/25 16:15	New York
460-336212-5	43B_0-4	Solid	10/01/25 08:10	10/01/25 16:15	New York
460-336212-6	43B_4-8	Solid	10/01/25 08:15	10/01/25 16:15	New York
460-336212-7	8A_0-5	Solid	10/01/25 08:30	10/01/25 16:15	New York
460-336212-8	8A_5-10	Solid	10/01/25 08:35	10/01/25 16:15	New York
460-336212-9	8B_0-5	Solid	10/01/25 08:40	10/01/25 16:15	New York
460-336212-10	8B_5-10	Solid	10/01/25 08:45	10/01/25 16:15	New York
460-336212-11	6A_0-6	Solid	10/01/25 11:45	10/01/25 16:15	New York
460-336212-12	6A_6-12	Solid	10/01/25 11:50	10/01/25 16:15	New York
460-336212-13	6B_0-6	Solid	10/01/25 11:55	10/01/25 16:15	New York
460-336212-14	6B_6-12	Solid	10/01/25 12:00	10/01/25 16:15	New York
460-336212-15	6C_0-6	Solid	10/01/25 12:05	10/01/25 16:15	New York
460-336212-16	6C_6-12	Solid	10/01/25 12:10	10/01/25 16:15	New York
460-336212-17	60A1_1-2	Solid	10/01/25 08:50	10/01/25 16:15	New York
460-336212-18	60A2_2-3	Solid	10/01/25 08:55	10/01/25 16:15	New York
460-336212-19	60A3_7-8	Solid	10/01/25 09:00	10/01/25 16:15	New York
460-336212-20	60A1_3-4	Solid	10/01/25 09:05	10/01/25 16:15	New York
460-336212-21	60A2_4-5	Solid	10/01/25 09:10	10/01/25 16:15	New York
460-336212-22	60A3_5-6	Solid	10/01/25 09:15	10/01/25 16:15	New York
460-336212-23	60A1_6-7	Solid	10/01/25 09:20	10/01/25 16:15	New York
460-336212-24	43A1_1-2	Solid	10/01/25 09:25	10/01/25 16:15	New York
460-336212-25	43A2_2-3	Solid	10/01/25 09:30	10/01/25 16:15	New York
460-336212-26	43A3_3-4	Solid	10/01/25 09:35	10/01/25 16:15	New York
460-336212-27	43A1_4-5	Solid	10/01/25 09:40	10/01/25 16:15	New York
460-336212-28	43A2_5-6	Solid	10/01/25 09:45	10/01/25 16:15	New York
460-336212-29	43A3_6-7	Solid	10/01/25 09:50	10/01/25 16:15	New York
460-336212-30	43A2_7-8	Solid	10/01/25 09:55	10/01/25 16:15	New York
460-336212-31	43B1_1-2	Solid	10/01/25 10:00	10/01/25 16:15	New York
460-336212-32	43B2_2-3	Solid	10/01/25 10:05	10/01/25 16:15	New York
460-336212-33	43B3_3-4	Solid	10/01/25 10:10	10/01/25 16:15	New York
460-336212-34	43B1_4-5	Solid	10/01/25 10:15	10/01/25 16:15	New York
460-336212-35	43B2_5-6	Solid	10/01/25 10:20	10/01/25 16:15	New York
460-336212-36	43B3_6-7	Solid	10/01/25 10:25	10/01/25 16:15	New York
460-336212-37	43B1_7-8	Solid	10/01/25 10:30	10/01/25 16:15	New York
460-336212-38	8B1_1-2	Solid	10/01/25 10:35	10/01/25 16:15	New York
460-336212-39	8B2_2-3	Solid	10/01/25 10:40	10/01/25 16:15	New York
460-336212-40	8B3_4-5	Solid	10/01/25 10:45	10/01/25 16:15	New York
460-336212-41	8B1_5-6	Solid	10/01/25 10:50	10/01/25 16:15	New York
460-336212-42	8B2_6-7	Solid	10/01/25 10:55	10/01/25 16:15	New York
460-336212-43	8B3_8-9	Solid	10/01/25 11:00	10/01/25 16:15	New York
460-336212-44	8B2_9-10	Solid	10/01/25 11:05	10/01/25 16:15	New York
460-336212-45	8A1_1-2	Solid	10/01/25 11:10	10/01/25 16:15	New York
460-336212-46	8A2_2-3	Solid	10/01/25 11:15	10/01/25 16:15	New York
460-336212-47	8A3_4-5	Solid	10/01/25 11:20	10/01/25 16:15	New York
460-336212-48	8A1_5-6	Solid	10/01/25 11:25	10/01/25 16:15	New York
460-336212-49	8A2_7-8	Solid	10/01/25 11:30	10/01/25 16:15	New York
460-336212-50	8A3_8-9	Solid	10/01/25 11:35	10/01/25 16:15	New York
460-336212-51	8A1_9-10	Solid	10/01/25 11:40	10/01/25 16:15	New York
460-336212-52	6A1_1-2	Solid	10/01/25 13:25	10/01/25 16:15	New York
460-336212-53	6A2_2-3	Solid	10/01/25 13:30	10/01/25 16:15	New York

Sample Summary

Client: Haley & Aldrich, Inc.
Project/Site: Former Port Mobil

Job ID: 460-336212-1

Lab Sample ID	Client Sample ID	Matrix	Collected	Received	Sample Origin
460-336212-54	6A3_4-5	Solid	10/01/25 13:35	10/01/25 16:15	New York
460-336212-55	6A1_5-6	Solid	10/01/25 13:40	10/01/25 16:15	New York
460-336212-56	6A2_7-8	Solid	10/01/25 13:45	10/01/25 16:15	New York
460-336212-57	6A3_9-10	Solid	10/01/25 13:50	10/01/25 16:15	New York
460-336212-58	6A1_10-11	Solid	10/01/25 13:55	10/01/25 16:15	New York
460-336212-59	6B1_1-2	Solid	10/01/25 12:20	10/01/25 16:15	New York
460-336212-60	6B2_3-4	Solid	10/01/25 12:25	10/01/25 16:15	New York
460-336212-61	6B3_2-3	Solid	10/01/25 12:30	10/01/25 16:15	New York
460-336212-62	6B1_5-6	Solid	10/01/25 12:35	10/01/25 16:15	New York
460-336212-63	6B2_6-7	Solid	10/01/25 12:40	10/01/25 16:15	New York
460-336212-64	6B3_8-9	Solid	10/01/25 12:45	10/01/25 16:15	New York
460-336212-65	6B1_9-10	Solid	10/01/25 12:50	10/01/25 16:15	New York
460-336212-66	6C1_1-2	Solid	10/01/25 12:51	10/01/25 16:15	New York
460-336212-67	6C2_2-3	Solid	10/01/25 12:55	10/01/25 16:15	New York
460-336212-68	6C3_4-5	Solid	10/01/25 13:00	10/01/25 16:15	New York
460-336212-69	6C1_5-6	Solid	10/01/25 13:05	10/01/25 16:15	New York
460-336212-70	6C2_7-8	Solid	10/01/25 13:10	10/01/25 16:15	New York
460-336212-71	6C3_9-10	Solid	10/01/25 13:15	10/01/25 16:15	New York
460-336212-72	6C2_10-11	Solid	10/01/25 13:20	10/01/25 16:15	New York

Eurofins Edison
777 New Durham Road
Edison, NJ 08817
Phone (732) 549-3900 Phone (732) 549-3679

Chain of Custody Record

eurofins | Environment Testing

Client Information	Sampler: KRD	Lab PM: Flannery Elizabeth J	Carrier Tracking No(s):	COC No: 460-200752-131391.2
Client Contact: Sarah Commisso	Phone:	E-Mail: Elizabeth.Flannery@et.eurofinsus.com	State of Origin:	Page: ~~Page 2 of 21~~ 1/8
Company: Haley & Aldrich, Inc.	PWSID:			Job #: 336212
Address: 213 West 35th Street, 7th Floor	Due Date Requested:			
City: New York	TAT Requested (days): 5 DAY			
State, Zip: NY 10001	Compliance Project: Δ Yes Δ No			
Phone:	PO #: 0213836-001-002-03 ~~0208988-001-001-06~~			
Email: SCommisso@haleyaldrich.com	WO #: 4101 Arthur Kill Road, Staten Island, NY			
Project Name: 4101 Arthur Kill Former Port Mobil	Project #: 46042832			
Site:	SSOW#:			

Analysis Requested

Preservation Codes: N None; F MeOH

460-336212 Chain of Custody

Sample Identification	Sample Date	Sample Time	Sample Type (C=comp, G=grab)	Matrix (W=water, S=solid, O=waste/oil, BT=Tissue, A=Air, DW=Drinking Water)	Field Filtered Sample (Yes or No)	Perform MS/MSD (Yes or No)	6020B, 7471B, 8081B, 8082A, 8270E	8260D TCL/Part 375 VOCs	1033 Standard List of 4D	Total Number of c	Special Instructions/Note:
		Preservation Code:					N	F	N		
60A_0-4	10/1/25	820	C	Solid			X		X		1
60A_4-8		825		Solid							2
43A_0-4		800		Solid							3
43A_4-8		805		Solid							4
43B_0-4		810		Solid							5
43B_4-8		815		Solid							6
8A_0-5		830		Solid							7
8A_5-10		835		Solid							8
8B_0-5		840		Solid							9
8B_5-10		845		Solid							10
60A_0-4		1145		Solid							11

Possible Hazard Identification
☐ Non-Hazard ☐ Flammable ☐ Skin Irritant ☐ Poison B ☐ Unknown ☐ Radiological

Sample Disposal (A fee may be assessed if samples are retained longer than 1 month)
☐ Return To Client ☐ Disposal By Lab ☐ Archive For _____ Months

Deliverable Requested: I, II, III, IV Other (specify)

Special Instructions/QC Requirements:

Empty Kit Relinquished by:	Date:	Time:	Method of Shipment:

Relinquished by:	Date/Time:	Company	Received by:	Date/Time:	Company
Kassidy Clonnor	10/2/25	H&A		10/1 1530	EET
Relinquished by:	Date/Time:	Company	Received by:	Date/Time:	Company
	10/1 1615	EET	Emely Doffin	10/1/25 1615	EET
Relinquished by:	Date/Time:	Company	Received by:	Date/Time:	Company

Custody Seals Intact: Δ Yes Δ No	Custody Seal No. N/A	Cooler Temperature(s) °C and Other Remarks: 1/14/1.1 2).9/.6 #9

Ver: 05/06/2024

Eurofins Edison
777 New Durham Road
Edison NJ 08817
Phone (732) 549-3900 Phone (732) 549-3679

Chain of Custody Record

eurofins | Environment Testing

Client Information	Sampler: KRD	Lab PM: Flannery Elizabeth J	Carrier Tracking No(s):	COC No: 460-200752-131391.3
Client Contact: Sarah Commisso	Phone:	E-Mail: Elizabeth.Flannery@et.eurofinsus.com	State of Origin:	Page: ~~Page 305 of 316~~ 2 of 2
Company: Haley & Aldrich, Inc.	PWSID:			Job #: 53612
Address: 213 West 35th Street, 7th Floor	Due Date Requested:			
City: New York	TAT Requested (days): 5-DAY			
State, Zip: NY 10001	Compliance Project: Δ Yes Δ No			
Phone:	PO #: 0213836-001-002-05 ~~0208988-001-001-06~~			
Email: SCommisso@haleyaldrich.com	WO #: 4101 Arthur Kill Road, Staten Island, NY			
Project Name: 4101 Arthur Kill Former Port Mobil	Project #: 46042832			
Site:	SSOW#:			

Analysis Requested

Preservation Codes: N None; F MeOH

Sample Identification	Sample Date	Sample Time	Sample Type (C=Comp, G=grab)	Matrix (W=water, S=solid, O=waste/oil, BT=Tissue, A=Air, DW=Drinking Water)	Field Filtered Sample (Yes or No)	Perform MS/MSD (Yes or No)	6020B, 7471B, 8081B, 8082A, 8270E	8260D TCL/Part 375 VOCs	1633 Standard List of 40	Total Number of Containers	Special Instructions/Note:
			Preservation Code:				N	F	N		
6A_6-12	10/1/25	1150	C	Solid			X		X		12
6B_0-6	"	1155	"	Solid			—		—		13
6B_6-12	"	1200	"	Solid			—		—		14
6C_0-6	"	1205	"	Solid			—		—		15
6C_6-12	"	1210	"	Solid			—		—		16
				Solid							
				Solid							
				Solid							
				Solid							
				Solid							
				Solid							

Possible Hazard Identification: ☐ Non-Hazard ☐ Flammable ☐ Skin Irritant ☐ Poison B ☐ Unknown ☐ Radiological

Sample Disposal (A fee may be assessed if samples are retained longer than 1 month): ☐ Return To Client ☐ Disposal By Lab ☐ Archive For _____ Months

Deliverable Requested: I, II, III, IV Other (specify)

Special Instructions/QC Requirements:

Empty Kit Relinquished by:	Date:	Time:	Method of Shipment:				
Relinquished by: Kassidy Connor	Date/Time: 10/2/25	Company: ET	Received by:	Date/Time: 10/1 1530	Company: ET
Relinquished by:	Date/Time: 10/1 1615	Company: ET	Received by: Emily Zoller	Date/Time: 10/1/25 1615	Company: ET
Relinquished by:	Date/Time:	Company	Received by:	Date/Time:	Company

Custody Seals Intact: Δ Yes Δ No | Custody Seal No.: N/A

Cooler Temperature(s) °C and Other Remarks: 1.4 1.1 2.9 1.6 #9

Ver: 05/06/2024

Eurofins Edison
777 New Durham Road
Edison, NJ 08817
Phone (732) 549-3900 Phone (732) 549-3679

Chain of Custody Record

eurofins | Environment Testing

Client Information	Sampler: KRO	Lab PM: Flannery Elizabeth J	Carrier Tracking No(s):	COC No: 460-200752-131391.4
Client Contact: Sarah Commisso	Phone:	E-Mail: Elizabeth.Flannery@et.eurofinsus.com	State of Origin:	Page: ~~Page 1 of 1~~ 3/8
Company: Haley & Aldrich, Inc.	PWSID:			Job #: 336212
Address: 213 West 35th Street, 7th Floor	Due Date Requested:			
City: New York	TAT Requested (days): 5-DAY			
State, Zip: NY 10001	Compliance Project: Δ Yes Δ No			
Phone:	PO #: 0213836-001-002 03 ~~0209983-001-001-06~~			
Email: SCommisso@haleyaldrich.com	WO #: 4101 Arthur Kill Road, Staten Island, NY			
Project Name: 4101 Arthur Kill Former Port Mobil	Project #: 46042832			
Site:	SSOW#:			

Analysis Requested

Preservation Codes: N None; F MeOH

Sample Identification	Sample Date	Sample Time	Sample Type (C=comp, G=grab)	Matrix (W=water, S=solid, O=waste/oil, BT=Tissue, A=Air, DW=Drinking Water)	Field Filtered Sample (Yes or No)	Perform MS/MSD (Yes or No)	6020B, 7471B, 8081B, 8082A, 8270E	8260D TCL/Part 375 VOCs	Total Number of Containers	Special Instructions/Note:
		Preservation Code:					N	F		
60A1_1-2	10/1/25	850	G	Solid				X		17
60A2_2-3		855		Solid						18
60A3_7-8		900		Solid						19
60A1_3-4		905		Solid						20
60A2_4-5		910		Solid						21
60A3_5-6		915		Solid						22
60A1_6-7		920		Solid						23
43A1_1-2		925		Solid						24
~~43A2_2-3~~ 43A2 2-3		930		Solid						25
43A3_3-4		935		Solid						26
43A1_4-5		940		Solid						27

Possible Hazard Identification
☐ Non-Hazard ☐ Flammable ☐ Skin Irritant ☐ Poison B ☐ Unknown ☐ Radiological

Sample Disposal (A fee may be assessed if samples are retained longer than 1 month)
☐ Return To Client ☐ Disposal By Lab ☐ Archive For _____ Months

Deliverable Requested: I, II, III, IV Other (specify)

Special Instructions/QC Requirements:

Empty Kit Relinquished by:	Date:	Time:	Method of Shipment:

	Relinquished by:	Date/Time:	Company	Received by:	Date/Time:	Company
1	Kassidy OConnor	10/2/25	HGA		10/1 15:30	ET
2		10/1 1615	ET	Emely Raffle	10/1/25 1615	ETA
3	Relinquished by:	Date/Time:	Company	Received by:	Date/Time:	Company

Custody Seals Intact: Δ Yes Δ No | Custody Seal No. N/A

Cooler Temperature(s) °C and Other Remarks: 1) 1.4/1.1 2) 1.9/1.6 #9

Ver: 05/06/2024

10/13/2025

Eurofins Edison
777 New Durham Road
Edison, NJ 08817
Phone (732) 549-3900 Phone (732) 549-3679

Chain of Custody Record

eurofins | Environment Testing

Client Information	Sampler: KRD	Lab PM: Flannery Elizabeth J	Carrier Tracking No(s):	COC No: 460-200752-131391.5
Client Contact: Sarah Commisso	Phone:	E-Mail: Elizabeth.Flannery@et.eurofinsus.com	State of Origin:	Page: Page ~~5 of 24~~ 4/9
Company: Haley & Aldrich, Inc.	PWSID:			Job #: 536212
Address: 213 West 35th Street, 7th Floor	Due Date Requested:			Preservation Codes: N None; F MeOH
City: New York	TAT Requested (days): 5-DAY			
State, Zip: NY 10001	Compliance Project: Δ Yes Δ No			
Phone:	PO #: 0213836-001-002 03 ~~0208988-001-001-06~~			
Email: SCommisso@haleyaldrich.com	WO #: 4101 Arthur Kill Road, Staten Island, NY			
Project Name: 4101 Arthur Kill - Former Port Mobil	Project #: 46042832			
Site:	SSOW#:			Other

Analysis Requested

Sample Identification	Sample Date	Sample Time	Sample Type (C=Comp, G=grab)	Matrix (W=water, S=solid, O=waste/oil, BT=Tissue, A=Air, DW=Drinking Water)	Field Filtered Sample (Yes or No)	Perform MS/MSD (Yes or No)	6020B, 7471B, 8081B, 8082A, 8270E	8260D TCL/Part 376 VOCs	Total Number of containers	Special Instructions/Note:
	Preservation Code:						N	F		
43A2_5-6	10/1/25	945	G	Solid				X		28
43A3_6-7		950		Solid						29
43A2_7-8		955		Solid						30
43B1_1-2		1000		Solid						31
43B2_2-3		1005		Solid						32
43B3_3-4		1010		Solid						33
43B1_4-5		1015		Solid						34
43B2_5-6		1020		Solid						35
43B3_6-7		1025		Solid						36
43B1_7-8		1030		Solid						37
8B1_1-2		1035		Solid						38

Possible Hazard Identification
☐ Non-Hazard ☐ Flammable ☐ Skin Irritant ☐ Poison B ☐ Unknown ☐ Radiological

Sample Disposal (A fee may be assessed if samples are retained longer than 1 month)
☐ Return To Client ☐ Disposal By Lab ☐ Archive For _____ Months

Deliverable Requested: I, II, III, IV Other (specify)

Special Instructions/QC Requirements:

Empty Kit Relinquished by:	Date:	Time:	Method of Shipment:

	Relinquished by:	Date/Time:	Company	Received by:	Date/Time:	Company
1	Kassidy OConnor	10/2/25	H&A		10/1 1530	ET
2		10/1 1615	ET		10/1/25 1615	ETA
3		Date/Time:	Company	Received by:	Date/Time:	Company

Custody Seals Intact: Δ Yes Δ No | Custody Seal No.: N/A

Cooler Temperature(s) °C and Other Remarks: 1/1.4/1.1 27.9/1.6 #9

Ver: 05/06/2024

Eurofins Edison
777 New Durham Road
Edison, NJ 08817
Phone (732) 549-3900 Phone (732) 549-3679

Chain of Custody Record

eurofins | Environment Testing

Client Information	Sampler: KRO	Lab PM: Flannery Elizabeth J	Carrier Tracking No(s):	COC No: 460-200752-131391.6
Client Contact: Sarah Commisso	Phone:	E-Mail: Elizabeth.Flannery@et.eurofinsus.com	State of Origin:	Page: Page ~~6 of 21~~ 518
Company: Haley & Aldrich, Inc.	PWSID:			Job #: 336212
Address: 213 West 35th Street, 7th Floor	Due Date Requested:			
City: New York	TAT Requested (days): 5-DAY			
State, Zip: NY 10001	Compliance Project: Δ Yes Δ No			
Phone:	PO #: 0213336-001-002-03 ~~0208988-001-001-06~~			
Email: SCommisso@haleyaldrich.com	WO #: 4101 Arthur Kill Road, Staten Island, NY			
Project Name: 4101 Arthur Kill Former Port Mobil	Project #: 46042832			
Site:	SSOW#:			

Analysis Requested

Preservation Codes: N None; F MeOH; Other

Sample Identification	Sample Date	Sample Time	Sample Type (C=Comp, G=grab)	Matrix (W=water, S=solid, O=waste/oil, BT=Tissue, A=Air, DW=Drinking Water)	Field Filtered Sample (Yes or No)	Perform MS/MSD (Yes or No)	6020B, 7471B, 8081B, 8082A, 8270E	8260D TCL/Part 375 VOCs	Total Number of Containers	Special Instructions/Note:
			Preservation Code:				N	F		
SB2_2-3	10/1/25	1040	G	Solid				X		39
SB3_4-5		1045		Solid						40
SB1_5-6		1050		Solid						41
SB2_6-7		1055		Solid						42
SB3_8-9		1100		Solid						43
SB2_9-10		1105		Solid						44
SA1_1-2		1110		Solid						45
SA2_2-3		1115		Solid						46
SA3_4-5		1120		Solid						47
SA1_5-6		1125		Solid						48
SA2_7-8		1130		Solid						49

Possible Hazard Identification
☐ Non-Hazard ☐ Flammable ☐ Skin Irritant ☐ Poison B ☐ Unknown ☐ Radiological

Sample Disposal (A fee may be assessed if samples are retained longer than 1 month)
☐ Return To Client ☐ Disposal By Lab ☐ Archive For _____ Months

Deliverable Requested: I II III, IV Other (specify)

Special Instructions/QC Requirements:

Empty Kit Relinquished by	Date:	Time:	Method of Shipment:

	Relinquished by	Date/Time	Company	Received by	Date/Time	Company
1	Kassidy OConnor	10/2/25	H&A		10/1 1530	ET
2		10/1 1615	ET		10/1/25 1615	ET
3						

Custody Seals Intact: Δ Yes Δ No — Custody Seal No.: N/A

Cooler Temperature(s) °C and Other Remarks: 1) 1.4/1.1 2) 1.9/1.6 #9

Ver: 05/06/2024

Eurofins Edison
777 New Durham Road
Edison, NJ 08817
Phone (732) 549-3900 Phone (732) 549-3679

Chain of Custody Record

eurofins | Environment Testing

Client Information	Sampler: KRO	Lab PM: Flannery, Elizabeth J	Carrier Tracking No(s):	COC No: 460-200752-131391 7
Client Contact: Sarah Commisso	Phone:	E-Mail: Elizabeth.Flannery@et.eurofinsus.com	State of Origin:	Page: ~~Page 7 of 21~~ 6 18
Company: Haley & Aldrich, Inc.	PWSID:			Job #: 536217
Address: 213 West 35th Street, 7th Floor	Due Date Requested:			
City: New York	TAT Requested (days): 5-DAY			
State, Zip: NY 10001	Compliance Project: Δ Yes Δ No			
Phone:	PO #: C213836-001-002-03 ~~0208988-001-001-06~~			
Email: SCommisso@haleyaldrich.com	WO #: 4101 Arthur Kill Road, Staten Island, NY			
Project Name: 4101 Arthur Kill Former Port Mobil	Project #: 46042832			
Site:	SSOW#:			

Analysis Requested

Preservation Codes: N None; F MeOH

Sample Identification	Sample Date	Sample Time	Sample Type (C=Comp, G=grab)	Matrix (W=water, S=solid, O=waste/oil, BT=Tissue, A=Air, DW=Drinking Water)	Field Filtered Sample (Yes or No)	Perform MS/MSD (Yes or No)	6020B, 7471B, 8081B, 8082A, 8270E	8260D TCL/Part 375 VOCs	Total Number of containers	Special Instructions/Note:
			Preservation Code:				N	F		
SA3 ~~SB3~~ 8-9	10/1/25	1135	G	Solid				X		50
SA1 ~~SB1~~ 9-10		1140		Solid						51
6A1_1-2		1325		Solid						52
6A2_2-3		1330		Solid						53
6A3_4-5		1335		Solid						54
6A1_5-6		1340		Solid						55
6A2_7-8		1345		Solid						56
6A3_9-10		1350		Solid						57
6A1_10-11		1355		Solid						58
6B1_1-2		1220		Solid						59
6B2_3-4		1225		Solid						60

Possible Hazard Identification
☐ Non-Hazard ☐ Flammable ☐ Skin Irritant ☐ Poison B ☐ Unknown ☐ Radiological

Sample Disposal (A fee may be assessed if samples are retained longer than 1 month)
☐ Return To Client ☐ Disposal By Lab ☐ Archive For _____ Months

Deliverable Requested: I, II, III, IV Other (specify)

Special Instructions/QC Requirements:

Empty Kit Relinquished by	Date:	Time:	Method of Shipment:

	Relinquished by	Date/Time	Company	Received by	Date/Time	Company
1	Kassidy OConnor	10/2/25	HHA		10/1 1530	EET
2		10/1 16:15	EET	Emely Baffa	10/1/25 1615	ETA
3						

Custody Seals Intact: Δ Yes Δ No | Custody Seal No.: N/A

Cooler Temperature(s) °C and Other Remarks: 1.) 1.4 1.1 2.) 1.9 1.6 #9

Ver 05/06/2024

Eurofins Edison
777 New Durham Road
Edison, NJ 08817
Phone (732) 549-3900 Phone (732) 549-3679

Chain of Custody Record

eurofins | Environment Testing

Client Information	Sampler: KRO	Lab PM: Flannery Elizabeth J	Carrier Tracking No(s):	COC No: 460-200752-131391.8
Client Contact: Sarah Commisso	Phone:	E-Mail: Elizabeth.Flannery@et.eurofinsus.com	State of Origin:	Page: Page ~~8 of 21~~ 718
Company: Haley & Aldrich, Inc.	PWSID:	Analysis Requested		Job #: 336217
Address: 213 West 35th Street, 7th Floor	Due Date Requested:			Preservation Codes: N None, F MeOH
City: New York	TAT Requested (days): 5-DAY			
State, Zip: NY 10001	Compliance Project: Δ Yes Δ No			
Phone:	PO #: 0213836-00-002 03 ~~0208968-001-001-06~~			
Email: SCommisso@haleyaldrich.com	WO #: 4101 Arthur Kill Road, Staten Island, NY			
Project Name: 4101 Arthur Kill Former Port Mobil	Project #: 46042832			
Site:	SSOW#:			Other

Sample Identification	Sample Date	Sample Time	Sample Type (C=comp, G=grab)	Matrix (W=water, S=solid, O=waste/oil, BT=Tissue, A=Air, DW=Drinking Water)	Field Filtered Sample (Yes or No)	Perform MS/MSD (Yes or No)	6020B, 7471B, 8081B, 8082A, 8270E (N)	8260D TCL/Part 375 VOCs (F)	Total Number of containers	Special Instructions/Note:
			Preservation Code:				N	F		
bB3_2-3	10/1/25	1230	G	Solid				X		61
bB1_5-6		1235		Solid						62
bB2_6-7		1240		Solid						63
bB3_8-9		1245		Solid						64
bB1_9-10		1250		Solid						65
bC1_1-2		1251		Solid						66
bC2_2-3		1255		Solid						67
bC3_4-5		1300		Solid						68
bC1_5-6		1305		Solid						69
bC2_7-8		1310		Solid						70
bC3_9-10		1315		Solid						71

Possible Hazard Identification
☐ Non-Hazard ☐ Flammable ☐ Skin Irritant ☐ Poison B ☐ Unknown ☐ Radiological

Sample Disposal (A fee may be assessed if samples are retained longer than 1 month)
☐ Return To Client ☐ Disposal By Lab ☐ Archive For _____ Months

Deliverable Requested: I, II, III, IV Other (specify)

Special Instructions/QC Requirements:

Empty Kit Relinquished by	Date:	Time:	Method of Shipment:

	Relinquished by:	Date/Time:	Company	Received by:	Date/Time:	Company
1	Kassidy OConnor	10/2/25	ET, A		10/1 1530	ET
2		10/1 1615	ET	Emily Boller	10/1/25 1615	ET TA
3						

Custody Seals Intact: Δ Yes Δ No | Custody Seal No. N/A

Cooler Temperature(s) °C and Other Remarks: 1.1, 1.4, 2.9, 1.6 #9

Ver 05/06/2024

Eurofins Edison
777 New Durham Road
Edison, NJ 08817
Phone (732) 549-3900 Phone (732) 549-3679

Chain of Custody Record

eurofins | Environment Testing

Client Information	Sampler: KRO	Lab PM: Flannery Elizabeth J	Carrier Tracking No(s):	COC No: 460-200752-131391.9
Client Contact: Sarah Commisso	Phone:	E-Mail: Elizabeth.Flannery@et.eurofinsus.com	State of Origin:	Page: Page 9 of 21 ~~9 of 21~~ 818
Company: Haley & Aldrich, Inc.	PWSID:	Analysis Requested		Job #: 336212
Address: 213 West 35th Street, 7th Floor	Due Date Requested:			Preservation Codes: N None F MeOH
City: New York	TAT Requested (days): 5-DAY			
State, Zip: NY 10001	Compliance Project: Δ Yes Δ No			
Phone:	PO #: 0213836-00-002 03 ~~0208988-001-001-06~~			
Email: SCommisso@haleyaldrich.com	WO #: 4101 Arthur Kill Road, Staten Island, NY			
Project Name: 4101 Arthur Kill - Former Port Mobil	Project #: 46042832			
Site:	SSOW#:			Other:

Sample Identification	Sample Date	Sample Time	Sample Type (C=Comp, G=grab)	Matrix (W=water, S=solid, O=waste/oil, BT=Tissue, A=Air, DW=Drinking Water)	Field Filtered Sample (Yes or No)	Perform MS/MSD (Yes or No)	6020B, 7471B, 8081B, 8082A, 8270E	8260D TCL/Part 375 VOCs												Total Number of Containers	Special Instructions/Note:
			Preservation Code:				N	F													
UC2-10-11	10/1/25	1320	G	Solid				X													72
				Solid																	
				Solid																	
				Solid																	
				Solid																	
				Solid																	
				Solid																	
				Solid																	
				Solid																	
				Solid																	
				Solid																	

Possible Hazard Identification
☐ *Non-Hazard* ☐ *Flammable* ☐ *Skin Irritant* ☐ *Poison B* ☐ *Unknown* ☐ *Radiological*

Sample Disposal (A fee may be assessed if samples are retained longer than 1 month)
☐ *Return To Client* ☐ *Disposal By Lab* ☐ *Archive For* _____ *Months*

Deliverable Requested: I, II, III, IV Other (specify)

Special Instructions/QC Requirements:

Empty Kit Relinquished by:	Date:	Time:	Method of Shipment:

Relinquished by:	Date/Time:	Company	Received by:	Date/Time:	Company
Kassidy OConnor	10/2/25	H&A		10/1 1530	ET
Relinquished by:	Date/Time:	Company	Received by:	Date/Time:	Company
	10/1 16:15	ET	Emely Mallon	10/1/25 1615	ETA
Relinquished by:	Date/Time:	Company	Received by:	Date/Time:	Company

Custody Seals Intact: Δ Yes Δ No	Custody Seal No.: N/A	Cooler Temperature(s) °C and Other Remarks: 1) 1.1 2) 1.6 #9

Ver: 05/06/2024

Eurofins TestAmerica Edison
Receipt Temperature and pH Log

Job Number: 326242

Number of Coolers: 2 IR Gun # 9

Cooler Temperatures

	RAW	CORRECTED		RAW	CORRECTED		RAW	CORRECTED
Cooler #1:	1.4 °C	1.1 °C	Cooler #4:	°C	°C	Cooler #7:	°C	°C
Cooler #2:	1.9 °C	1.6 °C	Cooler #5:	°C	°C	Cooler #8:	°C	°C
Cooler #3:	°C	°C	Cooler #6:	°C	°C	Cooler #9:	°C	°C

TALS Sample Number	Ammonia (pH<2)	COD (pH<2)	Nitrate Nitrite (pH<2)	Metals (pH<2)	Hardness (pH<2)	Pest (pH 5-9)	EPH or QAM (pH<2)	Phenols (pH<2)	Sulfide (pH>9)	TKN (pH<2)	TOC (pH<2)	Total Cyanide (pH>12)	Total Phos (pH<2)	Other	Other

If pH adjustments are required record the information below.

Sample No(s). adjusted: _____

Preservative Name/Conc. _____ Volume of Preservative used (ml) _____

Lot # of Preservative(s): _____ Expiration Date: _____

The appropriate Project Manager and Department Manager should be notified about the samples which were pH adjusted.

Samples for Metal analysis which are out of compliance must be acidified at least 24 hours prior to analysis.

Initials: _____ Date: 10/1/25

Eurofins Edison
777 New Durham Road
Edison, NJ 08817
Phone: 732-549-3900 Fax: 732-549-3679

Chain of Custody Record

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Client Information (Sub Contract Lab)	Sampler: N/A	Lab PM: Flannery, Elizabeth J	Carrier Tracking No(s): N/A	COC No: 460-75542.1
Client Contact: Shipping/Receiving	Phone: N/A	E-Mail: Elizabeth.Flannery@et.eurofinsus.com	State of Origin: New York	Page: Page 1 of 2
Company: Eurofins Lancaster Laboratories Environm		Accreditations Required (See note): NELAP - New York		Job #: 460-336212-1
Address: 2425 New Holland Pike, ,	Due Date Requested: 10/8/2025			Preservation Codes: -
City: Lancaster	TAT Requested (days): N/A			
State, Zip: PA, 17601				
Phone: 717-656-2300(Tel)	PO #: N/A			
Email: N/A	WO #: N/A			
Project Name: Former Port Mobil	Project #: 46042832			
Site: N/A	SSOW#: N/A			Other: N/A

Sample Identification - Client ID (Lab ID)	Sample Date	Sample Time	Sample Type (C=comp, G=grab)	Matrix (W=water, S=solid, O=waste/oil, BT=Tissue, A=Air)	Field Filtered Sample (Yes or No)	Perform MS/MSD (Yes or No)	1633A/1633A_Shake1633 Standard List 40	Total Number of containers	Special Instructions/Note:
			Preservation Code:						
60A_0-4 (460-336212-1)	10/1/25	08:20 Eastern	G	Solid			X	1	
60A_4-8 (460-336212-2)	10/1/25	08:25 Eastern	G	Solid			X	1	
43A_0-4 (460-336212-3)	10/1/25	08:00 Eastern	G	Solid			X	1	
43A_4-8 (460-336212-4)	10/1/25	08:05 Eastern	G	Solid			X	1	
43B_0-4 (460-336212-5)	10/1/25	08:10 Eastern	G	Solid			X	1	
43B_4-8 (460-336212-6)	10/1/25	08:15 Eastern	G	Solid			X	1	
8A_0-5 (460-336212-7)	10/1/25	08:30 Eastern	G	Solid			X	1	
8A_5-10 (460-336212-8)	10/1/25	08:35 Eastern	G	Solid			X	1	
8B_0-5 (460-336212-9)	10/1/25	08:40 Eastern	G	Solid			X	1	

Note: Since laboratory accreditations are subject to change, Eurofins Environment Testing Northeast, LLC places the ownership of method, analyte & accreditation compliance upon our subcontract laboratories. This sample shipment is forwarded under chain-of-custody. If the laboratory does not currently maintain accreditation in the State of Origin listed above for analysis/tests/matrix being analyzed, the samples must be shipped back to the Eurofins Environment Testing Northeast, LLC laboratory or other instructions will be provided. Any changes to accreditation status should be brought to Eurofins Environment Testing Northeast, LLC attention immediately. If all requested accreditations are current to date, return the signed Chain of Custody attesting to said compliance to Eurofins Environment Testing Northeast, LLC.

Possible Hazard Identification	*Sample Disposal (A fee may be assessed if samples are retained longer than 1 month)*
Unconfirmed	☐ *Return To Client* ☐ *Disposal By Lab* ☐ *Archive For* _____ *Months*
Deliverable Requested: I, II, III, IV, Other (specify) Primary Deliverable Rank: 1	Special Instructions/QC Requirements:

Empty Kit Relinquished by:	Date:	Time	Method of Shipment:

	Relinquished by:	Date/Time:	Company	Received by:	Date/Time:	Company
1		10/2/25 1716	ETL		10/2/25 1716	ETL
2	Relinquished by:	Date/Time: 10/2/25 2020	Company ETL	Received by:	Date/Time:	Company
3	Relinquished by:	Date/Time:	Company	Received by: ALEXP	Date/Time: 10-2-25 2020	Company ECCL

Custody Seals Intact: ∆ Yes ∆ No	Custody Seal No.:	Cooler Temperature(s) °C and Other Remarks: R: 1.5 C: 1.4

Ver: 10/10/2024

Eurofins Edison
777 New Durham Road
Edison, NJ 08817
Phone: 732-549-3900 Fax: 732-549-3679

Chain of Custody Record

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Client Information (Sub Contract Lab)	Sampler: N/A	Lab PM: Flannery, Elizabeth J	Carrier Tracking No(s): N/A	COC No: 460-75542.2
Client Contact: Shipping/Receiving	Phone: N/A	E-Mail: Elizabeth.Flannery@et.eurofinsus.com	State of Origin: New York	Page: Page 2 of 2
Company: Eurofins Lancaster Laboratories Environm		Accreditations Required (See note): NELAP - New York		Job #: 460-336212-1
Address: 2425 New Holland Pike, ,	Due Date Requested: 10/8/2025			Preservation Codes: -
City: Lancaster	TAT Requested (days): N/A			
State, Zip: PA, 17601				
Phone: 717-656-2300(Tel)	PO #: N/A			
Email: N/A	WO #: N/A			
Project Name: Former Port Mobil	Project #: 46042832			
Site: N/A	SSOW#: N/A			Other: N/A

Sample Identification - Client ID (Lab ID)	Sample Date	Sample Time	Sample Type (C=Comp, G=grab)	Matrix (W=water, S=solid, O=waste/oil, BT=Tissue, A=Air)	Field Filtered Sample (Yes or No)	Perform MS/MSD (Yes or No)	1633A/1633A_Shake1633 Standard List 40	Total Number of containers	Special Instructions/Note:
			Preservation Code:						
8B_5-10 (460-336212-10)	10/1/25	08:45 Eastern	G	Solid			X	1	
6A_0-6 (460-336212-11)	10/1/25	11:45 Eastern	G	Solid			X	1	
6A_6-12 (460-336212-12)	10/1/25	11:50 Eastern	G	Solid			X	1	
6B_0-6 (460-336212-13)	10/1/25	11:55 Eastern	G	Solid			X	1	
6B_6-12 (460-336212-14)	10/1/25	12:00 Eastern	G	Solid			X	1	
6C_0-6 (460-336212-15)	10/1/25	12:05 Eastern	G	Solid			X	1	
6C_6-12 (460-336212-16)	10/1/25	12:10 Eastern	G	Solid			X	1	

Note: Since laboratory accreditations are subject to change, Eurofins Environment Testing Northeast, LLC places the ownership of method, analyte & accreditation compliance upon our subcontract laboratories. This sample shipment is forwarded under chain-of-custody. If the laboratory does not currently maintain accreditation in the State of Origin listed above for analysis/tests/matrix being analyzed, the samples must be shipped back to the Eurofins Environment Testing Northeast, LLC laboratory or other instructions will be provided. Any changes to accreditation status should be brought to Eurofins Environment Testing Northeast, LLC attention immediately. If all requested accreditations are current to date, return the signed Chain of Custody attesting to said compliance to Eurofins Environment Testing Northeast, LLC.

Possible Hazard Identification	*Sample Disposal (A fee may be assessed if samples are retained longer than 1 month)*
Unconfirmed	☐ *Return To Client* ☐ *Disposal By Lab* ☐ *Archive For* _____ *Months*
Deliverable Requested: I, II, III, IV, Other (specify) Primary Deliverable Rank: 1	Special Instructions/QC Requirements:

Empty Kit Relinquished by:	Date:	Time:	Method of Shipment:

	Relinquished by:	Date/Time:	Company	Received by:	Date/Time:	Company
1		10/2/25 1716	ET		10/2/25 1716	ET
2	Relinquished by:	Date/Time: 10/2/25 2020	Company ET	Received by:	Date/Time:	Company
3	Relinquished by:	Date/Time:	Company	Received by: ALEX	Date/Time: 10-2-25 2020	Company ECLET

Custody Seals Intact: ∆ Yes ∆ No	Custody Seal No.:	Cooler Temperature(s) °C and Other Remarks: B.1.5 C.1.4

Ver: 10/10/2024

Login Sample Receipt Checklist

Client: Haley & Aldrich, Inc.

Job Number: 460-336212-1

Login Number: 336212
List Number: 1
Creator: Thundathorn, Sukanan 1

List Source: Eurofins Edison

Question	Answer	Comment
Radioactivity wasn't checked or is </= background as measured by a survey meter.	N/A	
The cooler's custody seal, if present, is intact.	True	
Sample custody seals, if present, are intact.	True	
The cooler or samples do not appear to have been compromised or tampered with.	True	
Samples were received on ice.	True	
Cooler Temperature is acceptable.	True	
Cooler Temperature is recorded.	True	
COC is present.	True	
COC is filled out in ink and legible.	True	
COC is filled out with all pertinent information.	True	
Is the Field Sampler's name present on COC?	True	
There are no discrepancies between the containers received and the COC.	True	
Samples are received within Holding Time (excluding tests with immediate HTs)	True	
Sample containers have legible labels.	True	
Containers are not broken or leaking.	True	
Sample collection date/times are provided.	True	
Appropriate sample containers are used.	True	
Sample bottles are completely filled.	True	
Sample Preservation Verified.	True	
There is sufficient vol. for all requested analyses, incl. any requested MS/MSDs	True	
Containers requiring zero headspace have no headspace or bubble is <6mm (1/4").	True	
Multiphasic samples are not present.	True	
Samples do not require splitting or compositing.	True	
Residual Chlorine Checked.	N/A	

Login Sample Receipt Checklist

Client: Haley & Aldrich, Inc.

Job Number: 460-336212-1

Login Number: 336212
List Number: 2
Creator: McDonald, Teigan

List Source: Eurofins Lancaster Laboratories Environment Testing, LLC
List Creation: 10/03/25 01:25 AM

Question	Answer	Comment
The cooler's custody seal is intact.	N/A	
The cooler or samples do not appear to have been compromised or tampered with.	True	
Samples were received on ice.	True	
Cooler Temperature acceptable,where thermal pres is required(</=6C, not frozen).	True	
Cooler Temperature is recorded.	True	
WV:Container Temp acceptable,where thermal pres is required (</=6C, not frozen).	N/A	
WV: Container Temperature is recorded.	N/A	
COC is present.	True	
COC is filled out in ink and legible.	True	
COC is filled out with all pertinent information.	True	
There are no discrepancies between the containers received and the COC.	True	
Sample containers have legible labels.	True	
Containers are not broken or leaking.	True	
Sample collection date/times are provided.	True	
Appropriate sample containers are used.	True	
Sample bottles are completely filled.	True	
There is sufficient vol. for all requested analyses.	True	
Is the Field Sampler's name present on COC?	False	Received project as a subcontract.
Sample custody seals are intact.	N/A	
VOA sample vials do not have headspace >6mm in diameter (none, if from WV)?	N/A	

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ANALYTICAL REPORT

PREPARED FOR

Attn: Sarah Commisso
Haley & Aldrich, Inc.
213 West 35th Street, 7th Floor
New York, New York 10001

Generated 10/13/2025 3:40:36 PM

JOB DESCRIPTION

Former Port Mobil

JOB NUMBER

460-336309-1

Eurofins Edison
777 New Durham Road
Edison NJ 08817

See page two for job notes and contact information.

my EOL

Eurofins Edison

Job Notes

This report may not be reproduced except in full, and with written approval from the laboratory. The results relate only to the samples tested. For questions please contact the Project Manager at the e-mail address or telephone number listed on this page.

The test results in this report relate only to the samples as received by the laboratory and will meet all requirements of the methodology, with any exceptions noted. This report shall not be reproduced except in full, without the express written approval of the laboratory. All questions should be directed to the Eurofins Environment Testing Northeast, LLC Project Manager.

Compliance Statement

I certify that this data package is in compliance with the terms and conditions of the contract, both technically and for completeness, for other than the conditions detailed within the body of this report. Release of the data contained in this sample data package and in the electronic data deliverable has been authorized by the Laboratory Manager or his/her designee, as verified by the following signature.

Authorization

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10/13/2025 3:40:36 PM

Authorized for release by
Elizabeth Flannery, Project Manager I
Elizabeth.Flannery@et.eurofinsus.com
(732)549-3900

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Qualifiers

GC/MS VOA

Qualifier	Qualifier Description
*	RPD of the LCS and LCSD exceeds the control limits
*	LCS or LCSD is outside acceptance limits.
J	Indicates an estimated value.
U	Analyzed for but not detected.

GC/MS Semi VOA

Qualifier	Qualifier Description
*	LCS or LCSD is outside acceptance limits.
*	MS or MSD is outside acceptance limits.
*	Duplicate RPD exceeds control limits
E	Compound concentration exceeds the upper level of the calibration range of the instrument for that specific analysis.
J	Indicates an estimated value.
U	Analyzed for but not detected.

GC Semi VOA

Qualifier	Qualifier Description
*	MS or MSD is outside acceptance limits.
*	Surrogate is outside acceptance limits.
U	Analyzed for but not detected.

LCMS

Qualifier	Qualifier Description
J	Indicates an estimated value.
U	Analyzed for but not detected.

Metals

Qualifier	Qualifier Description
*	Duplicate analysis not within control limits.
4	MS, MSD: The analyte present in the original sample is greater than 4 times the matrix spike concentration; therefore, control limits are not applicable.
J	Sample result is greater than the MDL but below the CRDL
N	Spiked sample recovery is not within control limits.
U	Indicates analyzed for but not detected.

General Chemistry

Qualifier	Qualifier Description
*	Duplicate analysis not within control limits.

Glossary

Abbreviation	These commonly used abbreviations may or may not be present in this report.
☼	Listed under the "D" column to designate that the result is reported on a dry weight basis
%R	Percent Recovery
CFL	Contains Free Liquid
CFU	Colony Forming Unit
CNF	Contains No Free Liquid
DER	Duplicate Error Ratio (normalized absolute difference)
Dil Fac	Dilution Factor
DL	Detection Limit (DoD/DOE)
DL, RA, RE, IN	Indicates a Dilution, Re-analysis, Re-extraction, or additional Initial metals/anion analysis of the sample
DLC	Decision Level Concentration (Radiochemistry)
EDL	Estimated Detection Limit (Dioxin)
LOD	Limit of Detection (DoD/DOE)
LOQ	Limit of Quantitation (DoD/DOE)
MCL	EPA recommended "Maximum Contaminant Level"
MDA	Minimum Detectable Activity (Radiochemistry)
MDC	Minimum Detectable Concentration (Radiochemistry)

Glossary (Continued)

Abbreviation	These commonly used abbreviations may or may not be present in this report.
MDL	Method Detection Limit
ML	Minimum Level (Dioxin)
MPN	Most Probable Number
MQL	Method Quantitation Limit
NC	Not Calculated
ND	Not Detected at the reporting limit (or MDL or EDL if shown)
NEG	Negative / Absent
POS	Positive / Present
PQL	Practical Quantitation Limit
PRES	Presumptive
QC	Quality Control
RER	Relative Error Ratio (Radiochemistry)
RL	Reporting Limit or Requested Limit (Radiochemistry)
RPD	Relative Percent Difference, a measure of the relative difference between two points
TEF	Toxicity Equivalent Factor (Dioxin)
TEQ	Toxicity Equivalent Quotient (Dioxin)
TNTC	Too Numerous To Count

Job Narrative
460-336309-1

The analytical test results presented in this report meet all requirements of the associated regulatory program listed on the Accreditation/Certification Summary Page, unless otherwise noted. Data qualifiers and/or narrative comments are included to explain any exceptions, if applicable. Regulated compliance samples (e.g. SDWA, NPDES) must comply with associated agency requirements/permits.

- Matrix-specific batch QC (e.g., MS, MSD, SD) may not be reported when insufficient sample volume is available or when site-specific QC samples are not submitted. In such cases, a Laboratory Control Sample Duplicate (LCSD) may be analyzed to provide precision data for the batch.
- For samples analyzed using surrogate and/or isotope dilution analytes, any recoveries falling outside of established acceptance criteria are re-prepared and/or re-analyzed to confirm results, unless the deviation is due to sample dilution or otherwise explained in the case narrative.

Receipt
The samples were received on 10/2/2025 4:00 PM. Unless otherwise noted below, the samples arrived in good condition, and, where required, properly preserved and on ice. The temperatures of the 2 coolers at receipt time were 1.1°C and 1.2°C.

Method 8260D - Volatile Organic Compounds by GC/MS
Samples 6D1_1-2 (460-336309-19), 6D2_2-3 (460-336309-20), 6D3_4-5 (460-336309-21), 6D1_6-7 (460-336309-22), 6D2_7-8 (460-336309-23), 6D3_9-10 (460-336309-24), 6D1_10-11 (460-336309-25), 6E1_1-2 (460-336309-26), 6E2_3-4 (460-336309-27), 6E3_4-5 (460-336309-28), 6E1_6-7 (460-336309-29), 6E2_7-8 (460-336309-30), 6E3_8-9 (460-336309-31), 6E3_11-12 (460-336309-32), 6F1_1-2 (460-336309-33), 6F2_3-4 (460-336309-34), 6F3_4-5 (460-336309-35), 6F1_6-7 (460-336309-36), 6F2_7-8 (460-336309-37), 6F3_9-10 (460-336309-38), 6F2_10-11 (460-336309-39), 4A1_2-3 (460-336309-40), 4A2_3-4 (460-336309-41), 4A3_5-6 (460-336309-42), 4A1_7-8 (460-336309-43), 4A2_9-10 (460-336309-44), 4A3_10-11 (460-336309-45), 4A1_12-13 (460-336309-46), 4B1_2-3 (460-336309-47), 4B2_3-4 (460-336309-48), 4B3_5-6 (460-336309-49), 4B1_7-8 (460-336309-50), 4B2_8-9 (460-336309-51), 4B3_10-11 (460-336309-52), 4B2_11-12 (460-336309-53), 4C1_1-2 (460-336309-54), 4C2_3-4 (460-336309-55), 4C3_5-6 (460-336309-56), 4C1_6-7 (460-336309-57), 4C2_8-9 (460-336309-58), 4C3_11-12 (460-336309-59), 4C1_13-14 (460-336309-60), 4D1_1-2 (460-336309-61), 4D2_2-3 (460-336309-62), 4D3_4-5 (460-336309-63), 4D1_6-7 (460-336309-64), 4D2_7-8 (460-336309-65), 4D3_9-10 (460-336309-66), 4D1_11-12 (460-336309-67), 4E1_1-2 (460-336309-68), 4E2_3-4 (460-336309-69), 4E3_4-5 (460-336309-70), 4E1_5-6 (460-336309-71), 4E2_7-8 (460-336309-72), 4E3_9-10 (460-336309-73), 4E2_12-13 (460-336309-74), 4F1_1-2 (460-336309-75), 4F2_3-4 (460-336309-76), 4F3_5-6 (460-336309-77), 4F1_6-7 (460-336309-78), 4F2_8-9 (460-336309-79), 4F3_10-11 (460-336309-80) and 4F1_12-13 (460-336309-81) were analyzed for Volatile Organic Compounds by GC/MS. The samples were prepared on 10/6/2025 and analyzed on 10/7/2025, 10/8/2025, 10/9/2025 and 10/10/2025.

The laboratory control sample (LCS) and / or laboratory control sample duplicate (LCSD) for analytical batch 460-1067457 recovered outside control limits for the following analytes: 2-Hexanone (biased high)and tert-Butylbenzene (biased low). These analytes not detected in the associated samples; therefore, the data have been reported.

Elevated reporting limits are provided for the following sample due to insufficient sample provided for low level analysis: 4B2_11-12 (460-336309-53).

The continuing calibration verification (CCV) associated with batch 460-1066309 recovered above the upper control limit for Dichlorodifluoromethane. The samples associated with this CCV were non-detects for the affected analyte; therefore, the data have been reported.

The laboratory control sample duplicate (LCSD) for analytical batch 460-1066310 recovered outside control limits for the following analyte: Dichlorodifluoromethane. This analyte was biased high in the LCSD and was not detected in the associated samples; therefore, the data have been reported.

The continuing calibration verification (CCV) analyzed in batch 460-1066310 was outside the method criteria for the following analyte: Carbon tetrachloride. A CCV standard at or below the reporting limit (RL) was analyzed with the affected samples and found to be acceptable. As indicated in the reference method, sample analysis may proceed; however, any detection for the affected analyte is considered estimated.

The method blank for analytical batch 460-1066309 contained Toluene above the method detection limit. This target analyte concentration was less than the reporting limit (RL) in the method blank; therefore, re-analysis of samples was not performed.

The continuing calibration verification (CCV) analyzed in batch 460-1066734 was outside the method criteria for the following analyte: n-Butylbenzene. A CCV standard at or below the reporting limit (RL) was analyzed with the affected samples and found to be acceptable. As indicated in the reference method, sample analysis may proceed; however, any detection for the affected analyte is considered estimated.

The RPD of the laboratory control sample (LCS) and laboratory control sample duplicate (LCSD) for analytical batch 460-1066734 recovered outside control limits for the following analyte: Bromomethane.

The laboratory control sample (LCS) for analytical batch 460-1066538 recovered outside control limits for the following analyte: Dichlorodifluoromethane. These analytes were biased high in the LCS and were not detected in the associated sample; therefore, the data have been reported.

The continuing calibration verification (CCV) associated with batch 460-1066538 recovered above the upper control limit for Dichlorodifluoromethane. The samples associated with this CCV were non-detects for the affected analyte; therefore, the data have been reported.

The RPD of the laboratory control sample (LCS) and laboratory control sample duplicate (LCSD) for analytical batch 460-1066538 recovered outside control limits for the following analyte: Chloroethane.

The continuing calibration verification (CCV) associated with batch 460-1066311 recovered above the upper control limit for Dichlorodifluoromethane. The samples associated with this CCV were non-detects for the affected analyte; therefore, the data have been reported.

The laboratory control sample (LCS) and / or laboratory control sample duplicate (LCSD) for analytical batch 460-1066311 recovered outside control limits for the following analyte: Bromomethane. This analyte was biased high in the LCS/LCSD and was not detected in the associated samples; therefore, the data have been reported.

The continuing calibration verification (CCV) associated with batch 460-1066833 recovered above the upper control limit for Methyl acetate. The samples associated with this CCV were non-detects for the affected analyte; therefore, the data have been reported.

The laboratory control sample (LCS) and / or laboratory control sample duplicate (LCSD) for analytical batch 460-1066833 recovered outside control limits for the following analytes: Dichlorodifluoromethane, Methyl acetate and Vinyl chloride. These analytes were biased high in the LCS/LCSD and were not detected in the associated samples; therefore, the data have been reported.

Method 8270E - Semivolatile Organic Compounds (GC/MS)
Samples 6D_0-6 (460-336309-1), 6D_6-12 (460-336309-2), 6E_0-6 (460-336309-3), 6E_6-12 (460-336309-4), 6F_0-6 (460-336309-5), 6F_6-12 (460-336309-6), 4A_0-7 (460-336309-7), 4A_7-14 (460-336309-8), 4B_0-7 (460-336309-9), 4B_7-14 (460-336309-10), 4C_0-7 (460-336309-11), 4C_7-14 (460-336309-12), 4D_0-7 (460-336309-13), 4D_7-14 (460-336309-14), 4E_0-7 (460-336309-15), 4E_7-14 (460-336309-16), 4F_0-7 (460-336309-17) and 4F_7-14 (460-336309-18) were analyzed for Semivolatile Organic Compounds (GC/MS). The samples were prepared on 10/5/2025 and analyzed on 10/6/2025.

The continuing calibration verification (CCV) analyzed in batch 460-1066166 was outside the method criteria for the following analyte(s): 4-Nitroaniline, Benzaldehyde and Hexachlorocyclopentadiene. A CCV standard at or below the reporting limit (RL) was analyzed with the affected samples and found to be acceptable. As indicated in the reference method, sample analysis may proceed; however, any detection for the affected analyte(s) is considered estimated.

The laboratory control sample (LCS) and / or laboratory control sample duplicate (LCSD) for preparation batch 460-1066069 and analytical batch 460-1066166 recovered outside control limits for the following analytes: 2-Methylnaphthalene, 4,6-Dinitro-2-methylphenol, Atrazine, Benzaldehyde, Benzo[b]fluoranthene, Bis(2-ethylhexyl) phthalate, Butyl benzyl phthalate, Caprolactam, Di-n-butyl phthalate and Di-n-octyl phthalate. These analytes were biased high in the LCS/LCSD and were not detected in the associated samples; therefore, the data have been flagged and reported.

The continuing calibration verification (CCV) analyzed in batch 460-1066169 was outside the method criteria for the following analyte(s): Benzaldehyde. A CCV standard at or below the reporting limit (RL) was analyzed with the affected samples and found to be acceptable. As indicated in the reference method, sample analysis may proceed; however, any detection for the affected analyte(s) is considered estimated.

The laboratory control sample (LCS) for preparation batch 460-1066067 and analytical batch 460-1066169 recovered outside control limits for the following analytes: Atrazine, Benzaldehyde and Caprolactam. These analytes were biased high in the LCS

and were not detected in the associated samples; therefore, the data have been reported.

Method 8082A - Polychlorinated Biphenyls (PCBs) by Gas Chromatography
Samples 6D_0-6 (460-336309-1), 6D_6-12 (460-336309-2), 6E_0-6 (460-336309-3), 6E_6-12 (460-336309-4), 6F_0-6 (460-336309-5), 6F_6-12 (460-336309-6), 4A_0-7 (460-336309-7), 4A_7-14 (460-336309-8), 4B_0-7 (460-336309-9), 4B_7-14 (460-336309-10), 4C_0-7 (460-336309-11), 4C_7-14 (460-336309-12), 4D_0-7 (460-336309-13), 4D_7-14 (460-336309-14), 4E_0-7 (460-336309-15), 4E_7-14 (460-336309-16), 4F_0-7 (460-336309-17) and 4F_7-14 (460-336309-18) were analyzed for Polychlorinated Biphenyls (PCBs) by Gas Chromatography. The samples were prepared on 10/5/2025 and analyzed on 10/6/2025 and 10/7/2025.

Method 8081B - Organochlorine Pesticides (GC)
Samples 6D_0-6 (460-336309-1), 6D_6-12 (460-336309-2), 6E_0-6 (460-336309-3), 6E_6-12 (460-336309-4), 6F_0-6 (460-336309-5), 6F_6-12 (460-336309-6), 4A_0-7 (460-336309-7), 4A_7-14 (460-336309-8), 4B_0-7 (460-336309-9), 4B_7-14 (460-336309-10), 4C_0-7 (460-336309-11), 4C_7-14 (460-336309-12), 4D_0-7 (460-336309-13), 4D_7-14 (460-336309-14), 4E_0-7 (460-336309-15), 4E_7-14 (460-336309-16), 4F_0-7 (460-336309-17) and 4F_7-14 (460-336309-18) were analyzed for Organochlorine Pesticides (GC). The samples were prepared on 10/5/2025 and analyzed on 10/6/2025.

The DCB Decachlorobiphenyl surrogate recovery for the following samples was outside acceptance limits (high biased) on the primary column due to matrix interference: 6D_6-12 (460-336309-2). The recovery is within acceptance limits on the other column, indicating that the extraction process was in control.

Method 1633A - Per- and Polyfluoroalkyl Substances by LC/MS/MS, 1633A
Samples 6D_0-6 (460-336309-1), 6D_6-12 (460-336309-2), 6E_0-6 (460-336309-3), 6E_6-12 (460-336309-4), 6F_0-6 (460-336309-5), 6F_6-12 (460-336309-6), 4A_0-7 (460-336309-7), 4A_7-14 (460-336309-8), 4B_0-7 (460-336309-9), 4B_7-14 (460-336309-10), 4C_0-7 (460-336309-11), 4C_7-14 (460-336309-12), 4D_0-7 (460-336309-13), 4D_7-14 (460-336309-14), 4E_0-7 (460-336309-15), 4E_7-14 (460-336309-16), 4F_0-7 (460-336309-17) and 4F_7-14 (460-336309-18) were analyzed for Per- and Polyfluoroalkyl Substances by LC/MS/MS, 1633A. The samples were prepared on 10/8/2025, 10/9/2025 and 10/10/2025 and analyzed on 10/9/2025 and 10/10/2025.

Method 6020B - Metals (ICP/MS)
Samples 6D_0-6 (460-336309-1), 6D_6-12 (460-336309-2), 6E_0-6 (460-336309-3), 6E_6-12 (460-336309-4), 6F_0-6 (460-336309-5), 6F_6-12 (460-336309-6), 4A_0-7 (460-336309-7), 4A_7-14 (460-336309-8), 4B_0-7 (460-336309-9), 4B_7-14 (460-336309-10), 4C_0-7 (460-336309-11), 4C_7-14 (460-336309-12), 4D_0-7 (460-336309-13), 4D_7-14 (460-336309-14), 4E_0-7 (460-336309-15), 4E_7-14 (460-336309-16), 4F_0-7 (460-336309-17) and 4F_7-14 (460-336309-18) were analyzed for Metals (ICP/MS). The samples were prepared and analyzed on 10/8/2025.

Method 7471B - Mercury (CVAA)
Samples 6D_0-6 (460-336309-1), 6D_6-12 (460-336309-2), 6E_0-6 (460-336309-3), 6E_6-12 (460-336309-4), 6F_0-6 (460-336309-5), 6F_6-12 (460-336309-6), 4A_0-7 (460-336309-7), 4A_7-14 (460-336309-8), 4B_0-7 (460-336309-9), 4B_7-14 (460-336309-10), 4C_0-7 (460-336309-11), 4C_7-14 (460-336309-12), 4D_0-7 (460-336309-13), 4D_7-14 (460-336309-14), 4E_0-7 (460-336309-15), 4E_7-14 (460-336309-16), 4F_0-7 (460-336309-17) and 4F_7-14 (460-336309-18) were analyzed for Mercury (CVAA). The samples were prepared and analyzed on 10/9/2025.

Method Moisture - Percent Moisture
Samples 6D_0-6 (460-336309-1), 6D_6-12 (460-336309-2), 6E_0-6 (460-336309-3), 6E_6-12 (460-336309-4), 6F_0-6 (460-336309-5), 6F_6-12 (460-336309-6), 4A_0-7 (460-336309-7), 4A_7-14 (460-336309-8), 4B_0-7 (460-336309-9), 4B_7-14 (460-336309-10), 4C_0-7 (460-336309-11), 4C_7-14 (460-336309-12), 4D_0-7 (460-336309-13), 4D_7-14 (460-336309-14), 4E_0-7 (460-336309-15), 4E_7-14 (460-336309-16), 4F_0-7 (460-336309-17), 4F_7-14 (460-336309-18), 6D1_1-2 (460-336309-19), 6D2_2-3 (460-336309-20), 6D3_4-5 (460-336309-21), 6D1_6-7 (460-336309-22), 6D2_7-8 (460-336309-23), 6D3_9-10 (460-336309-24), 6D1_10-11 (460-336309-25), 6E1_1-2 (460-336309-26), 6E2_3-4 (460-336309-27), 6E3_4-5 (460-336309-28), 6E1_6-7 (460-336309-29), 6E2_7-8 (460-336309-30), 6E3_8-9 (460-336309-31), 6E3_11-12 (460-336309-32), 6F1_1-2 (460-336309-33), 6F2_3-4 (460-336309-34), 6F3_4-5 (460-336309-35), 6F1_6-7 (460-336309-36), 6F2_7-8 (460-336309-37), 6F3_9-10 (460-336309-38), 6F2_10-11 (460-336309-39), 4A1_2-3 (460-336309-40), 4A2_3-4 (460-336309-41), 4A3_5-6 (460-336309-42), 4A1_7-8 (460-336309-43), 4A2_9-10 (460-336309-44), 4A3_10-11 (460-336309-45), 4A1_12-13 (460-336309-46), 4B1_2-3 (460-336309-47), 4B2_3-4 (460-336309-48), 4B3_5-6 (460-336309-49), 4B1_7-8 (460-336309-50), 4B2_8-9 (460-336309-51), 4B3_10-11 (460-336309-52), 4B2_11-12 (460-336309-53), 4C1_1-2 (460-336309-54), 4C2_3-4 (460-336309-55), 4C3_5-6 (460-336309-56), 4C1_6-7 (460-336309-57), 4C2_8-9 (460-336309-58), 4C3_11-12 (460-336309-59), 4C1_13-14 (460-336309-60), 4D1_1-2 (460-336309-61), 4D2_2-3 (460-336309-62), 4D3_4-5 (460-336309-63), 4D1_6-7 (460-336309-64), 4D2_7-8 (460-336309-65), 4D3_9-10 (460-336309-66), 4D1_11-12 (460-336309-67), 4E1_1-2 (460-336309-68), 4E2_3-4 (460-336309-69), 4E3_4-5 (460-336309-70), 4E1_5-6 (460-336309-71), 4E2_7-8 (460-336309-72), 4E3_9-10 (460-336309-73), 4E2_12-13 (460-336309-74), 4F1_1-2 (460-336309-75), 4F2_3-4 (460-336309-76), 4F3_5-6 (460-336309-77),

Job ID: 460-336309-1 (Continued)

4F1_6-7 (460-336309-78), 4F2_8-9 (460-336309-79), 4F3_10-11 (460-336309-80) and 4F1_12-13 (460-336309-81) were analyzed for Percent Moisture. The samples were analyzed on 10/7/2025.

Detection Summary

Client: Haley & Aldrich, Inc.
Project/Site: Former Port Mobil

Job ID: 460-336309-1

Client Sample ID: 6D_0-6

Lab Sample ID: 460-336309-1

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Perfluorononanoic acid (PFNA)	0.12	J	0.20	0.099	ug/Kg	1	☼	1633A	Total/NA
Perfluorodecanoic acid (PFDA)	0.22		0.20	0.059	ug/Kg	1	☼	1633A	Total/NA
Perfluoroundecanoic acid (PFUnA)	1.86		0.20	0.099	ug/Kg	1	☼	1633A	Total/NA
Perfluorododecanoic acid (PFDoA)	0.16	J	0.20	0.099	ug/Kg	1	☼	1633A	Total/NA
Perfluorotridecanoic acid (PFTrDA)	1.75		0.20	0.099	ug/Kg	1	☼	1633A	Total/NA
Aluminum	8880		19.5	5.4	mg/Kg	1	☼	6020B	Total/NA
Antimony	0.41	J	0.98	0.14	mg/Kg	1	☼	6020B	Total/NA
Arsenic	5.9		0.98	0.10	mg/Kg	1	☼	6020B	Total/NA
Barium	63.9		2.0	0.14	mg/Kg	1	☼	6020B	Total/NA
Beryllium	0.57		0.39	0.021	mg/Kg	1	☼	6020B	Total/NA
Cadmium	0.20	J	0.98	0.11	mg/Kg	1	☼	6020B	Total/NA
Calcium	1160		97.5	9.5	mg/Kg	1	☼	6020B	Total/NA
Chromium	19.2		2.0	0.29	mg/Kg	1	☼	6020B	Total/NA
Cobalt	8.3		0.98	0.14	mg/Kg	1	☼	6020B	Total/NA
Copper	38.0		2.0	0.36	mg/Kg	1	☼	6020B	Total/NA
Iron	21400		58.5	7.5	mg/Kg	1	☼	6020B	Total/NA
Lead	57.9		0.59	0.20	mg/Kg	1	☼	6020B	Total/NA
Magnesium	3470		97.5	9.9	mg/Kg	1	☼	6020B	Total/NA
Manganese	383		3.9	0.39	mg/Kg	1	☼	6020B	Total/NA
Nickel	20.0		2.0	0.17	mg/Kg	1	☼	6020B	Total/NA
Potassium	1350		97.5	15.8	mg/Kg	1	☼	6020B	Total/NA
Selenium	0.22	J	1.2	0.12	mg/Kg	1	☼	6020B	Total/NA
Silver	0.14	J	0.39	0.087	mg/Kg	1	☼	6020B	Total/NA
Sodium	91.2	J	97.5	44.6	mg/Kg	1	☼	6020B	Total/NA
Thallium	0.12	J	0.39	0.040	mg/Kg	1	☼	6020B	Total/NA
Vanadium	23.1		2.0	0.20	mg/Kg	1	☼	6020B	Total/NA
Zinc	67.6		7.8	1.1	mg/Kg	1	☼	6020B	Total/NA
Mercury	0.036		0.017	0.0082	mg/Kg	1	☼	7471B	Total/NA

Client Sample ID: 6D_6-12

Lab Sample ID: 460-336309-2

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Pyrene	0.0094	J	0.35	0.0086	mg/Kg	1	☼	8270E	Total/NA
Perfluorononanoic acid (PFNA)	0.31		0.20	0.099	ug/Kg	1	☼	1633A	Total/NA
Perfluorodecanoic acid (PFDA)	0.14	J	0.20	0.059	ug/Kg	1	☼	1633A	Total/NA
Perfluoroundecanoic acid (PFUnA)	2.11		0.20	0.099	ug/Kg	1	☼	1633A	Total/NA
Perfluorotridecanoic acid (PFTrDA)	1.47		0.20	0.099	ug/Kg	1	☼	1633A	Total/NA
Aluminum	9440		19.3	5.3	mg/Kg	1	☼	6020B	Total/NA
Antimony	0.44	J	0.97	0.14	mg/Kg	1	☼	6020B	Total/NA
Arsenic	6.3		0.97	0.099	mg/Kg	1	☼	6020B	Total/NA
Barium	60.4		1.9	0.14	mg/Kg	1	☼	6020B	Total/NA
Beryllium	0.64		0.39	0.021	mg/Kg	1	☼	6020B	Total/NA
Cadmium	0.20	J	0.97	0.11	mg/Kg	1	☼	6020B	Total/NA
Calcium	1280		96.6	9.4	mg/Kg	1	☼	6020B	Total/NA
Chromium	21.6		1.9	0.29	mg/Kg	1	☼	6020B	Total/NA
Cobalt	8.6		0.97	0.14	mg/Kg	1	☼	6020B	Total/NA
Copper	44.2		1.9	0.36	mg/Kg	1	☼	6020B	Total/NA
Iron	20900		57.9	7.4	mg/Kg	1	☼	6020B	Total/NA
Lead	70.4		0.58	0.19	mg/Kg	1	☼	6020B	Total/NA
Magnesium	3850		96.6	9.8	mg/Kg	1	☼	6020B	Total/NA
Manganese	336		3.9	0.39	mg/Kg	1	☼	6020B	Total/NA

This Detection Summary does not include radiochemical test results.

Client Sample ID: 6D_6-12 (Continued) — Lab Sample ID: 460-336309-2

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Nickel	29.8		1.9	0.17	mg/Kg	1	☼	6020B	Total/NA
Potassium	1190		96.6	15.6	mg/Kg	1	☼	6020B	Total/NA
Selenium	0.31	J	1.2	0.12	mg/Kg	1	☼	6020B	Total/NA
Silver	0.16	J	0.39	0.086	mg/Kg	1	☼	6020B	Total/NA
Sodium	98.4		96.6	44.1	mg/Kg	1	☼	6020B	Total/NA
Thallium	0.13	J	0.39	0.040	mg/Kg	1	☼	6020B	Total/NA
Vanadium	25.1		1.9	0.20	mg/Kg	1	☼	6020B	Total/NA
Zinc	84.5		7.7	1.1	mg/Kg	1	☼	6020B	Total/NA
Mercury	0.038		0.017	0.0081	mg/Kg	1	☼	7471B	Total/NA

Client Sample ID: 6E_0-6 — Lab Sample ID: 460-336309-3

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Perfluorononanoic acid (PFNA)	0.24		0.19	0.097	ug/Kg	1	☼	1633A	Total/NA
Perfluorodecanoic acid (PFDA)	0.13	J	0.19	0.058	ug/Kg	1	☼	1633A	Total/NA
Perfluoroundecanoic acid (PFUnA)	4.69		0.19	0.097	ug/Kg	1	☼	1633A	Total/NA
Perfluorododecanoic acid (PFDoA)	0.11	J	0.19	0.097	ug/Kg	1	☼	1633A	Total/NA
Perfluorotridecanoic acid (PFTrDA)	1.95		0.19	0.097	ug/Kg	1	☼	1633A	Total/NA
Aluminum	7060		18.5	5.1	mg/Kg	1	☼	6020B	Total/NA
Antimony	0.54	J	0.92	0.14	mg/Kg	1	☼	6020B	Total/NA
Arsenic	5.7		0.92	0.095	mg/Kg	1	☼	6020B	Total/NA
Barium	54.5		1.8	0.13	mg/Kg	1	☼	6020B	Total/NA
Beryllium	1.0		0.37	0.020	mg/Kg	1	☼	6020B	Total/NA
Cadmium	0.19	J	0.92	0.10	mg/Kg	1	☼	6020B	Total/NA
Calcium	5850		92.5	9.0	mg/Kg	1	☼	6020B	Total/NA
Chromium	30.9		1.8	0.27	mg/Kg	1	☼	6020B	Total/NA
Cobalt	10.6		0.92	0.14	mg/Kg	1	☼	6020B	Total/NA
Copper	66.7		1.8	0.34	mg/Kg	1	☼	6020B	Total/NA
Iron	18000		55.5	7.1	mg/Kg	1	☼	6020B	Total/NA
Lead	74.7		0.55	0.18	mg/Kg	1	☼	6020B	Total/NA
Magnesium	5140		92.5	9.4	mg/Kg	1	☼	6020B	Total/NA
Manganese	287		3.7	0.37	mg/Kg	1	☼	6020B	Total/NA
Nickel	32.0		1.8	0.16	mg/Kg	1	☼	6020B	Total/NA
Potassium	947		92.5	15.0	mg/Kg	1	☼	6020B	Total/NA
Selenium	0.30	J	1.2	0.12	mg/Kg	1	☼	6020B	Total/NA
Silver	0.16	J	0.37	0.082	mg/Kg	1	☼	6020B	Total/NA
Sodium	96.6		92.5	42.3	mg/Kg	1	☼	6020B	Total/NA
Thallium	0.085	J	0.37	0.038	mg/Kg	1	☼	6020B	Total/NA
Vanadium	21.3		1.8	0.19	mg/Kg	1	☼	6020B	Total/NA
Zinc	162		7.4	1.0	mg/Kg	1	☼	6020B	Total/NA
Mercury	0.029		0.018	0.0083	mg/Kg	1	☼	7471B	Total/NA

Client Sample ID: 6E_6-12 — Lab Sample ID: 460-336309-4

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Perfluorononanoic acid (PFNA)	0.19	J	0.20	0.099	ug/Kg	1	☼	1633A	Total/NA
Perfluoroundecanoic acid (PFUnA)	2.00		0.20	0.099	ug/Kg	1	☼	1633A	Total/NA
Perfluorododecanoic acid (PFDoA)	0.13	J	0.20	0.099	ug/Kg	1	☼	1633A	Total/NA
Perfluorotridecanoic acid (PFTrDA)	3.55		0.20	0.099	ug/Kg	1	☼	1633A	Total/NA
1H,1H,2H,2H-Perfluorodecane sulfonic acid (8:2 FTS)	0.36	J	0.40	0.20	ug/Kg	1	☼	1633A	Total/NA
Aluminum	7450		19.3	5.3	mg/Kg	1	☼	6020B	Total/NA

This Detection Summary does not include radiochemical test results.

Client Sample ID: 6E_6-12 (Continued)

Lab Sample ID: 460-336309-4

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Antimony	0.52	J	0.96	0.14	mg/Kg	1	☼	6020B	Total/NA
Arsenic	6.0		0.96	0.099	mg/Kg	1	☼	6020B	Total/NA
Barium	61.7		1.9	0.14	mg/Kg	1	☼	6020B	Total/NA
Beryllium	1.0		0.39	0.021	mg/Kg	1	☼	6020B	Total/NA
Cadmium	0.25	J	0.96	0.11	mg/Kg	1	☼	6020B	Total/NA
Calcium	1760		96.4	9.4	mg/Kg	1	☼	6020B	Total/NA
Chromium	33.0		1.9	0.29	mg/Kg	1	☼	6020B	Total/NA
Cobalt	13.1		0.96	0.14	mg/Kg	1	☼	6020B	Total/NA
Copper	91.0		1.9	0.35	mg/Kg	1	☼	6020B	Total/NA
Iron	24400		57.8	7.4	mg/Kg	1	☼	6020B	Total/NA
Lead	99.7		0.58	0.19	mg/Kg	1	☼	6020B	Total/NA
Magnesium	2830		96.4	9.8	mg/Kg	1	☼	6020B	Total/NA
Manganese	301		3.9	0.39	mg/Kg	1	☼	6020B	Total/NA
Nickel	47.8		1.9	0.17	mg/Kg	1	☼	6020B	Total/NA
Potassium	941		96.4	15.6	mg/Kg	1	☼	6020B	Total/NA
Selenium	0.51	J	1.2	0.12	mg/Kg	1	☼	6020B	Total/NA
Silver	0.17	J	0.39	0.086	mg/Kg	1	☼	6020B	Total/NA
Sodium	110		96.4	44.1	mg/Kg	1	☼	6020B	Total/NA
Thallium	0.086	J	0.39	0.040	mg/Kg	1	☼	6020B	Total/NA
Vanadium	21.6		1.9	0.20	mg/Kg	1	☼	6020B	Total/NA
Zinc	212		7.7	1.1	mg/Kg	1	☼	6020B	Total/NA
Mercury	0.030		0.017	0.0082	mg/Kg	1	☼	7471B	Total/NA

Client Sample ID: 6F_0-6

Lab Sample ID: 460-336309-5

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Perfluorononanoic acid (PFNA)	0.57		0.20	0.099	ug/Kg	1	☼	1633A	Total/NA
Perfluorodecanoic acid (PFDA)	0.11	J	0.20	0.060	ug/Kg	1	☼	1633A	Total/NA
Perfluoroundecanoic acid (PFUnA)	11.5		0.20	0.099	ug/Kg	1	☼	1633A	Total/NA
Perfluorododecanoic acid (PFDoA)	0.23		0.20	0.099	ug/Kg	1	☼	1633A	Total/NA
Perfluorotridecanoic acid (PFTrDA)	9.22		0.20	0.099	ug/Kg	1	☼	1633A	Total/NA
Perfluorotetradecanoic acid (PFTeDA)	0.13	J	0.20	0.099	ug/Kg	1	☼	1633A	Total/NA
Aluminum	6810		18.7	5.1	mg/Kg	1	☼	6020B	Total/NA
Antimony	0.86	J	0.93	0.14	mg/Kg	1	☼	6020B	Total/NA
Arsenic	7.5		0.93	0.096	mg/Kg	1	☼	6020B	Total/NA
Barium	64.4		1.9	0.14	mg/Kg	1	☼	6020B	Total/NA
Beryllium	1.1		0.37	0.021	mg/Kg	1	☼	6020B	Total/NA
Cadmium	0.33	J	0.93	0.11	mg/Kg	1	☼	6020B	Total/NA
Calcium	1940		93.4	9.1	mg/Kg	1	☼	6020B	Total/NA
Chromium	42.3		1.9	0.28	mg/Kg	1	☼	6020B	Total/NA
Cobalt	14.1		0.93	0.14	mg/Kg	1	☼	6020B	Total/NA
Copper	120		1.9	0.34	mg/Kg	1	☼	6020B	Total/NA
Iron	21300		56.1	7.1	mg/Kg	1	☼	6020B	Total/NA
Lead	136		0.56	0.19	mg/Kg	1	☼	6020B	Total/NA
Magnesium	2360		93.4	9.5	mg/Kg	1	☼	6020B	Total/NA
Manganese	250		3.7	0.38	mg/Kg	1	☼	6020B	Total/NA
Nickel	54.1		1.9	0.17	mg/Kg	1	☼	6020B	Total/NA
Potassium	932		93.4	15.1	mg/Kg	1	☼	6020B	Total/NA
Selenium	0.59	J	1.2	0.12	mg/Kg	1	☼	6020B	Total/NA
Silver	0.26	J	0.37	0.083	mg/Kg	1	☼	6020B	Total/NA
Sodium	124		93.4	42.7	mg/Kg	1	☼	6020B	Total/NA

This Detection Summary does not include radiochemical test results.

Client Sample ID: 6F_0-6 (Continued)

Lab Sample ID: 460-336309-5

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Thallium	0.073	J	0.37	0.038	mg/Kg	1	☼	6020B	Total/NA
Vanadium	23.7		1.9	0.19	mg/Kg	1	☼	6020B	Total/NA
Zinc	335		7.5	1.0	mg/Kg	1	☼	6020B	Total/NA
Mercury	0.032		0.017	0.0080	mg/Kg	1	☼	7471B	Total/NA

Client Sample ID: 6F_6-12

Lab Sample ID: 460-336309-6

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Perfluorononanoic acid (PFNA)	0.42		0.20	0.10	ug/Kg	1	☼	1633A	Total/NA
Perfluorodecanoic acid (PFDA)	0.076	J	0.20	0.060	ug/Kg	1	☼	1633A	Total/NA
Perfluoroundecanoic acid (PFUnA)	11.7		0.20	0.10	ug/Kg	1	☼	1633A	Total/NA
Perfluorododecanoic acid (PFDoA)	0.30		0.20	0.10	ug/Kg	1	☼	1633A	Total/NA
Perfluorotridecanoic acid (PFTrDA)	13.1		0.20	0.10	ug/Kg	1	☼	1633A	Total/NA
Perfluorotetradecanoic acid (PFTeDA)	0.18	J	0.20	0.10	ug/Kg	1	☼	1633A	Total/NA
Aluminum	7220		18.2	5.0	mg/Kg	1	☼	6020B	Total/NA
Antimony	0.79	J	0.91	0.13	mg/Kg	1	☼	6020B	Total/NA
Arsenic	6.9		0.91	0.094	mg/Kg	1	☼	6020B	Total/NA
Barium	55.8		1.8	0.13	mg/Kg	1	☼	6020B	Total/NA
Beryllium	0.76		0.36	0.020	mg/Kg	1	☼	6020B	Total/NA
Cadmium	0.30	J	0.91	0.10	mg/Kg	1	☼	6020B	Total/NA
Calcium	1310		91.2	8.9	mg/Kg	1	☼	6020B	Total/NA
Chromium	35.0		1.8	0.27	mg/Kg	1	☼	6020B	Total/NA
Cobalt	11.6		0.91	0.14	mg/Kg	1	☼	6020B	Total/NA
Copper	88.3		1.8	0.34	mg/Kg	1	☼	6020B	Total/NA
Iron	20300		54.7	7.0	mg/Kg	1	☼	6020B	Total/NA
Lead	248		0.55	0.18	mg/Kg	1	☼	6020B	Total/NA
Magnesium	2360		91.2	9.3	mg/Kg	1	☼	6020B	Total/NA
Manganese	236		3.6	0.37	mg/Kg	1	☼	6020B	Total/NA
Nickel	41.5		1.8	0.16	mg/Kg	1	☼	6020B	Total/NA
Potassium	938		91.2	14.8	mg/Kg	1	☼	6020B	Total/NA
Selenium	0.44	J	1.1	0.12	mg/Kg	1	☼	6020B	Total/NA
Silver	0.23	J	0.36	0.081	mg/Kg	1	☼	6020B	Total/NA
Sodium	110		91.2	41.7	mg/Kg	1	☼	6020B	Total/NA
Thallium	0.081	J	0.36	0.037	mg/Kg	1	☼	6020B	Total/NA
Vanadium	23.3		1.8	0.19	mg/Kg	1	☼	6020B	Total/NA
Zinc	224		7.3	0.99	mg/Kg	1	☼	6020B	Total/NA
Mercury	0.034		0.017	0.0078	mg/Kg	1	☼	7471B	Total/NA

Client Sample ID: 4A_0-7

Lab Sample ID: 460-336309-7

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Benzo[a]anthracene	0.032	J	0.035	0.027	mg/Kg	1	☼	8270E	Total/NA
Benzo[a]pyrene	0.025	J	0.035	0.0094	mg/Kg	1	☼	8270E	Total/NA
Benzo[b]fluoranthene	0.035		0.035	0.0091	mg/Kg	1	☼	8270E	Total/NA
Benzo[g,h,i]perylene	0.035	J	0.35	0.010	mg/Kg	1	☼	8270E	Total/NA
Benzo[k]fluoranthene	0.013	J	0.035	0.0069	mg/Kg	1	☼	8270E	Total/NA
Chrysene	0.031	J	0.35	0.015	mg/Kg	1	☼	8270E	Total/NA
Fluoranthene	0.027	J	0.35	0.012	mg/Kg	1	☼	8270E	Total/NA
Indeno[1,2,3-cd]pyrene	0.023	J	0.035	0.014	mg/Kg	1	☼	8270E	Total/NA
Phenanthrene	0.016	J	0.35	0.014	mg/Kg	1	☼	8270E	Total/NA
Pyrene	0.031	J	0.35	0.0088	mg/Kg	1	☼	8270E	Total/NA
Perfluorooctanoic acid (PFOA)	0.075	J	0.20	0.059	ug/Kg	1	☼	1633A	Total/NA

This Detection Summary does not include radiochemical test results.

Client Sample ID: 4A_0-7 (Continued)

Lab Sample ID: 460-336309-7

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Perfluorononanoic acid (PFNA)	0.33		0.20	0.099	ug/Kg	1	☼	1633A	Total/NA
Perfluoroundecanoic acid (PFUnA)	1.79		0.20	0.099	ug/Kg	1	☼	1633A	Total/NA
Perfluorododecanoic acid (PFDoA)	0.11	J	0.20	0.099	ug/Kg	1	☼	1633A	Total/NA
Perfluorotridecanoic acid (PFTrDA)	3.08		0.20	0.099	ug/Kg	1	☼	1633A	Total/NA
Aluminum	6490		21.4	5.9	mg/Kg	1	☼	6020B	Total/NA
Antimony	0.82	J	1.1	0.16	mg/Kg	1	☼	6020B	Total/NA
Arsenic	6.9		1.1	0.11	mg/Kg	1	☼	6020B	Total/NA
Barium	48.2		2.1	0.16	mg/Kg	1	☼	6020B	Total/NA
Beryllium	0.75		0.43	0.024	mg/Kg	1	☼	6020B	Total/NA
Cadmium	0.40	J	1.1	0.12	mg/Kg	1	☼	6020B	Total/NA
Calcium	1520		107	10.4	mg/Kg	1	☼	6020B	Total/NA
Chromium	23.6		2.1	0.32	mg/Kg	1	☼	6020B	Total/NA
Cobalt	13.2		1.1	0.16	mg/Kg	1	☼	6020B	Total/NA
Copper	93.2		2.1	0.39	mg/Kg	1	☼	6020B	Total/NA
Iron	18500		64.2	8.2	mg/Kg	1	☼	6020B	Total/NA
Lead	108		0.64	0.21	mg/Kg	1	☼	6020B	Total/NA
Magnesium	2220		107	10.9	mg/Kg	1	☼	6020B	Total/NA
Manganese	246		4.3	0.43	mg/Kg	1	☼	6020B	Total/NA
Nickel	46.0		2.1	0.19	mg/Kg	1	☼	6020B	Total/NA
Potassium	897		107	17.3	mg/Kg	1	☼	6020B	Total/NA
Selenium	0.78	J	1.3	0.14	mg/Kg	1	☼	6020B	Total/NA
Silver	0.25	J	0.43	0.095	mg/Kg	1	☼	6020B	Total/NA
Sodium	103	J	107	48.9	mg/Kg	1	☼	6020B	Total/NA
Thallium	0.075	J	0.43	0.044	mg/Kg	1	☼	6020B	Total/NA
Vanadium	23.0		2.1	0.22	mg/Kg	1	☼	6020B	Total/NA
Zinc	245		8.6	1.2	mg/Kg	1	☼	6020B	Total/NA
Mercury	0.041		0.016	0.0077	mg/Kg	1	☼	7471B	Total/NA

Client Sample ID: 4A_7-14

Lab Sample ID: 460-336309-8

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Benzo[g,h,i]perylene	0.018	J	0.36	0.011	mg/Kg	1	☼	8270E	Total/NA
Pyrene	0.011	J	0.36	0.0089	mg/Kg	1	☼	8270E	Total/NA
Perfluorononanoic acid (PFNA)	0.13	J	0.20	0.10	ug/Kg	1	☼	1633A	Total/NA
Perfluoroundecanoic acid (PFUnA)	1.04		0.20	0.10	ug/Kg	1	☼	1633A	Total/NA
Perfluorododecanoic acid (PFDoA)	0.11	J	0.20	0.10	ug/Kg	1	☼	1633A	Total/NA
Perfluorotridecanoic acid (PFTrDA)	1.99		0.20	0.10	ug/Kg	1	☼	1633A	Total/NA
1H,1H,2H,2H-Perfluorodecane sulfonic acid (8:2 FTS)	0.24	J	0.40	0.20	ug/Kg	1	☼	1633A	Total/NA
Aluminum	6190		20.0	5.5	mg/Kg	1	☼	6020B	Total/NA
Antimony	0.61	J	1.0	0.15	mg/Kg	1	☼	6020B	Total/NA
Arsenic	7.7		1.0	0.10	mg/Kg	1	☼	6020B	Total/NA
Barium	39.4		2.0	0.15	mg/Kg	1	☼	6020B	Total/NA
Beryllium	0.54		0.40	0.022	mg/Kg	1	☼	6020B	Total/NA
Cadmium	0.25	J	1.0	0.11	mg/Kg	1	☼	6020B	Total/NA
Calcium	1060		100	9.7	mg/Kg	1	☼	6020B	Total/NA
Chromium	16.0		2.0	0.30	mg/Kg	1	☼	6020B	Total/NA
Cobalt	7.4		1.0	0.15	mg/Kg	1	☼	6020B	Total/NA
Copper	47.8		2.0	0.37	mg/Kg	1	☼	6020B	Total/NA
Iron	16000		60.0	7.7	mg/Kg	1	☼	6020B	Total/NA
Lead	51.3		0.60	0.20	mg/Kg	1	☼	6020B	Total/NA
Magnesium	1880		100	10.2	mg/Kg	1	☼	6020B	Total/NA

This Detection Summary does not include radiochemical test results.

Client Sample ID: 4A_7-14 (Continued) — Lab Sample ID: 460-336309-8

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Manganese	267		4.0	0.40	mg/Kg	1	☼	6020B	Total/NA
Nickel	14.5		2.0	0.18	mg/Kg	1	☼	6020B	Total/NA
Potassium	785		100	16.2	mg/Kg	1	☼	6020B	Total/NA
Selenium	0.42	J	1.3	0.13	mg/Kg	1	☼	6020B	Total/NA
Silver	0.19	J	0.40	0.089	mg/Kg	1	☼	6020B	Total/NA
Sodium	75.7	J	100	45.7	mg/Kg	1	☼	6020B	Total/NA
Thallium	0.066	J	0.40	0.041	mg/Kg	1	☼	6020B	Total/NA
Vanadium	20.8		2.0	0.21	mg/Kg	1	☼	6020B	Total/NA
Zinc	89.0		8.0	1.1	mg/Kg	1	☼	6020B	Total/NA
Mercury	0.036		0.018	0.0083	mg/Kg	1	☼	7471B	Total/NA

Client Sample ID: 4B_0-7 — Lab Sample ID: 460-336309-9

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Perfluorooctanoic acid (PFOA)	0.072	J	0.20	0.059	ug/Kg	1	☼	1633A	Total/NA
Perfluorononanoic acid (PFNA)	0.21		0.20	0.098	ug/Kg	1	☼	1633A	Total/NA
Perfluorodecanoic acid (PFDA)	0.11	J	0.20	0.059	ug/Kg	1	☼	1633A	Total/NA
Perfluoroundecanoic acid (PFUnA)	1.70		0.20	0.098	ug/Kg	1	☼	1633A	Total/NA
Perfluorododecanoic acid (PFDoA)	0.13	J	0.20	0.098	ug/Kg	1	☼	1633A	Total/NA
Perfluorotridecanoic acid (PFTrDA)	2.97		0.20	0.098	ug/Kg	1	☼	1633A	Total/NA
1H,1H,2H,2H-Perfluorodecane sulfonic acid (8:2 FTS)	1.14		0.39	0.20	ug/Kg	1	☼	1633A	Total/NA
Aluminum	8240		20.2	5.5	mg/Kg	1	☼	6020B	Total/NA
Antimony	0.71	J	1.0	0.15	mg/Kg	1	☼	6020B	Total/NA
Arsenic	6.2		1.0	0.10	mg/Kg	1	☼	6020B	Total/NA
Barium	52.5		2.0	0.15	mg/Kg	1	☼	6020B	Total/NA
Beryllium	0.67		0.40	0.022	mg/Kg	1	☼	6020B	Total/NA
Cadmium	0.36	J	1.0	0.11	mg/Kg	1	☼	6020B	Total/NA
Calcium	1830		101	9.8	mg/Kg	1	☼	6020B	Total/NA
Chromium	25.1		2.0	0.30	mg/Kg	1	☼	6020B	Total/NA
Cobalt	11.6		1.0	0.15	mg/Kg	1	☼	6020B	Total/NA
Copper	59.4		2.0	0.37	mg/Kg	1	☼	6020B	Total/NA
Iron	21300		60.5	7.7	mg/Kg	1	☼	6020B	Total/NA
Lead	63.6		0.61	0.20	mg/Kg	1	☼	6020B	Total/NA
Magnesium	3140		101	10.3	mg/Kg	1	☼	6020B	Total/NA
Manganese	316		4.0	0.41	mg/Kg	1	☼	6020B	Total/NA
Nickel	23.3		2.0	0.18	mg/Kg	1	☼	6020B	Total/NA
Potassium	1050		101	16.3	mg/Kg	1	☼	6020B	Total/NA
Selenium	0.49	J	1.3	0.13	mg/Kg	1	☼	6020B	Total/NA
Silver	0.21	J	0.40	0.090	mg/Kg	1	☼	6020B	Total/NA
Sodium	96.7	J	101	46.1	mg/Kg	1	☼	6020B	Total/NA
Thallium	0.097	J	0.40	0.041	mg/Kg	1	☼	6020B	Total/NA
Vanadium	23.8		2.0	0.21	mg/Kg	1	☼	6020B	Total/NA
Zinc	141		8.1	1.1	mg/Kg	1	☼	6020B	Total/NA
Mercury	0.037		0.017	0.0081	mg/Kg	1	☼	7471B	Total/NA

Client Sample ID: 4B_7-14 — Lab Sample ID: 460-336309-10

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Perfluorononanoic acid (PFNA)	0.24		0.20	0.099	ug/Kg	1	☼	1633A	Total/NA
Perfluoroundecanoic acid (PFUnA)	1.63		0.20	0.099	ug/Kg	1	☼	1633A	Total/NA
Perfluorotridecanoic acid (PFTrDA)	1.53		0.20	0.099	ug/Kg	1	☼	1633A	Total/NA

This Detection Summary does not include radiochemical test results.

Client Sample ID: 4B_7-14 (Continued)

Lab Sample ID: 460-336309-10

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Aluminum	8420		19.2	5.3	mg/Kg	1	☼	6020B	Total/NA
Antimony	0.30	J	0.96	0.14	mg/Kg	1	☼	6020B	Total/NA
Arsenic	3.8		0.96	0.099	mg/Kg	1	☼	6020B	Total/NA
Barium	38.2		1.9	0.14	mg/Kg	1	☼	6020B	Total/NA
Beryllium	0.45		0.38	0.021	mg/Kg	1	☼	6020B	Total/NA
Calcium	696		95.9	9.3	mg/Kg	1	☼	6020B	Total/NA
Chromium	13.9		1.9	0.28	mg/Kg	1	☼	6020B	Total/NA
Cobalt	6.1		0.96	0.14	mg/Kg	1	☼	6020B	Total/NA
Copper	22.3		1.9	0.35	mg/Kg	1	☼	6020B	Total/NA
Iron	15100		57.5	7.3	mg/Kg	1	☼	6020B	Total/NA
Lead	18.8		0.58	0.19	mg/Kg	1	☼	6020B	Total/NA
Magnesium	2780		95.9	9.8	mg/Kg	1	☼	6020B	Total/NA
Manganese	256		3.8	0.39	mg/Kg	1	☼	6020B	Total/NA
Nickel	14.9		1.9	0.17	mg/Kg	1	☼	6020B	Total/NA
Potassium	1060		95.9	15.5	mg/Kg	1	☼	6020B	Total/NA
Selenium	0.17	J	1.2	0.12	mg/Kg	1	☼	6020B	Total/NA
Sodium	69.1	J	95.9	43.8	mg/Kg	1	☼	6020B	Total/NA
Thallium	0.089	J	0.38	0.039	mg/Kg	1	☼	6020B	Total/NA
Vanadium	20.6		1.9	0.20	mg/Kg	1	☼	6020B	Total/NA
Zinc	41.8		7.7	1.0	mg/Kg	1	☼	6020B	Total/NA
Mercury	0.030		0.018	0.0083	mg/Kg	1	☼	7471B	Total/NA

Client Sample ID: 4C_0-7

Lab Sample ID: 460-336309-11

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Benzo[a]anthracene	0.039		0.036	0.027	mg/Kg	1	☼	8270E	Total/NA
Benzo[a]pyrene	0.034	J	0.036	0.0096	mg/Kg	1	☼	8270E	Total/NA
Benzo[b]fluoranthene	0.049		0.036	0.0094	mg/Kg	1	☼	8270E	Total/NA
Benzo[g,h,i]perylene	0.028	J	0.36	0.011	mg/Kg	1	☼	8270E	Total/NA
Benzo[k]fluoranthene	0.015	J	0.036	0.0071	mg/Kg	1	☼	8270E	Total/NA
Chrysene	0.044	J	0.36	0.015	mg/Kg	1	☼	8270E	Total/NA
Fluoranthene	0.052	J	0.36	0.013	mg/Kg	1	☼	8270E	Total/NA
Indeno[1,2,3-cd]pyrene	0.023	J	0.036	0.014	mg/Kg	1	☼	8270E	Total/NA
Naphthalene	0.012	J	0.36	0.0063	mg/Kg	1	☼	8270E	Total/NA
Phenanthrene	0.021	J	0.36	0.015	mg/Kg	1	☼	8270E	Total/NA
Pyrene	0.056	J	0.36	0.0090	mg/Kg	1	☼	8270E	Total/NA
Perfluoroundecanoic acid (PFUnA)	0.33		0.20	0.10	ug/Kg	1	☼	1633A	Total/NA
Perfluorotridecanoic acid (PFTrDA)	0.64		0.20	0.10	ug/Kg	1	☼	1633A	Total/NA
Aluminum	8180		19.6	5.4	mg/Kg	1	☼	6020B	Total/NA
Antimony	0.34	J	0.98	0.14	mg/Kg	1	☼	6020B	Total/NA
Arsenic	4.3		0.98	0.10	mg/Kg	1	☼	6020B	Total/NA
Barium	46.0		2.0	0.14	mg/Kg	1	☼	6020B	Total/NA
Beryllium	0.47		0.39	0.022	mg/Kg	1	☼	6020B	Total/NA
Cadmium	0.14	J	0.98	0.11	mg/Kg	1	☼	6020B	Total/NA
Calcium	3960		97.9	9.5	mg/Kg	1	☼	6020B	Total/NA
Chromium	14.5		2.0	0.29	mg/Kg	1	☼	6020B	Total/NA
Cobalt	6.9		0.98	0.14	mg/Kg	1	☼	6020B	Total/NA
Copper	24.3		2.0	0.36	mg/Kg	1	☼	6020B	Total/NA
Iron	15600		58.7	7.5	mg/Kg	1	☼	6020B	Total/NA
Lead	32.4		0.59	0.20	mg/Kg	1	☼	6020B	Total/NA
Magnesium	4510		97.9	10	mg/Kg	1	☼	6020B	Total/NA

This Detection Summary does not include radiochemical test results.

Client Sample ID: 4C_0-7 (Continued) — Lab Sample ID: 460-336309-11

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Manganese	314		3.9	0.39	mg/Kg	1	☼	6020B	Total/NA
Nickel	13.3		2.0	0.17	mg/Kg	1	☼	6020B	Total/NA
Potassium	974		97.9	15.9	mg/Kg	1	☼	6020B	Total/NA
Selenium	0.16	J	1.2	0.13	mg/Kg	1	☼	6020B	Total/NA
Silver	0.12	J	0.39	0.087	mg/Kg	1	☼	6020B	Total/NA
Sodium	75.5	J	97.9	44.7	mg/Kg	1	☼	6020B	Total/NA
Thallium	0.088	J	0.39	0.040	mg/Kg	1	☼	6020B	Total/NA
Vanadium	22.5		2.0	0.20	mg/Kg	1	☼	6020B	Total/NA
Zinc	45.2		7.8	1.1	mg/Kg	1	☼	6020B	Total/NA
Mercury	0.023		0.017	0.0082	mg/Kg	1	☼	7471B	Total/NA

Client Sample ID: 4C_7-14 — Lab Sample ID: 460-336309-12

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Phenanthrene	0.017	J	0.36	0.015	mg/Kg	1	☼	8270E	Total/NA
Perfluoroundecanoic acid (PFUnA)	0.30		0.20	0.099	ug/Kg	1	☼	1633A	Total/NA
Perfluorotridecanoic acid (PFTrDA)	0.16	J	0.20	0.099	ug/Kg	1	☼	1633A	Total/NA
Aluminum	7100		20.4	5.6	mg/Kg	1	☼	6020B	Total/NA
Antimony	0.28	J	1.0	0.15	mg/Kg	1	☼	6020B	Total/NA
Arsenic	4.0		1.0	0.11	mg/Kg	1	☼	6020B	Total/NA
Barium	49.3		2.0	0.15	mg/Kg	1	☼	6020B	Total/NA
Beryllium	0.58		0.41	0.022	mg/Kg	1	☼	6020B	Total/NA
Calcium	4910		102	9.9	mg/Kg	1	☼	6020B	Total/NA
Chromium	14.8		2.0	0.30	mg/Kg	1	☼	6020B	Total/NA
Cobalt	6.7		1.0	0.15	mg/Kg	1	☼	6020B	Total/NA
Copper	18.3		2.0	0.38	mg/Kg	1	☼	6020B	Total/NA
Iron	14800		61.2	7.8	mg/Kg	1	☼	6020B	Total/NA
Lead	15.4		0.61	0.20	mg/Kg	1	☼	6020B	Total/NA
Magnesium	3210		102	10.4	mg/Kg	1	☼	6020B	Total/NA
Manganese	236		4.1	0.41	mg/Kg	1	☼	6020B	Total/NA
Nickel	13.8		2.0	0.18	mg/Kg	1	☼	6020B	Total/NA
Potassium	1210		102	16.5	mg/Kg	1	☼	6020B	Total/NA
Selenium	0.14	J	1.3	0.13	mg/Kg	1	☼	6020B	Total/NA
Sodium	93.8	J	102	46.6	mg/Kg	1	☼	6020B	Total/NA
Thallium	0.092	J	0.41	0.042	mg/Kg	1	☼	6020B	Total/NA
Vanadium	22.3		2.0	0.21	mg/Kg	1	☼	6020B	Total/NA
Zinc	41.3		8.2	1.1	mg/Kg	1	☼	6020B	Total/NA
Mercury	0.023		0.017	0.0080	mg/Kg	1	☼	7471B	Total/NA

Client Sample ID: 4D_0-7 — Lab Sample ID: 460-336309-13

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Indeno[1,2,3-cd]pyrene	0.022	J	0.035	0.014	mg/Kg	1	☼	8270E	Total/NA
Perfluorodecanoic acid (PFDA)	0.066	J	0.20	0.060	ug/Kg	1	☼	1633A	Total/NA
Perfluoroundecanoic acid (PFUnA)	1.89		0.20	0.10	ug/Kg	1	☼	1633A	Total/NA
Perfluorotridecanoic acid (PFTrDA)	0.79		0.20	0.10	ug/Kg	1	☼	1633A	Total/NA
Aluminum	6840		19.5	5.4	mg/Kg	1	☼	6020B	Total/NA
Antimony	0.57	J	0.98	0.14	mg/Kg	1	☼	6020B	Total/NA
Arsenic	5.2		0.98	0.10	mg/Kg	1	☼	6020B	Total/NA
Barium	49.8		2.0	0.14	mg/Kg	1	☼	6020B	Total/NA
Beryllium	0.51		0.39	0.021	mg/Kg	1	☼	6020B	Total/NA
Cadmium	0.21	J	0.98	0.11	mg/Kg	1	☼	6020B	Total/NA

This Detection Summary does not include radiochemical test results.

Client Sample ID: 4D_0-7 (Continued) — Lab Sample ID: 460-336309-13

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Calcium	1160		97.6	9.5	mg/Kg	1	☼	6020B	Total/NA
Chromium	16.9		2.0	0.29	mg/Kg	1	☼	6020B	Total/NA
Cobalt	7.0		0.98	0.14	mg/Kg	1	☼	6020B	Total/NA
Copper	32.6		2.0	0.36	mg/Kg	1	☼	6020B	Total/NA
Iron	16300		58.6	7.5	mg/Kg	1	☼	6020B	Total/NA
Lead	43.1		0.59	0.20	mg/Kg	1	☼	6020B	Total/NA
Magnesium	2280		97.6	10	mg/Kg	1	☼	6020B	Total/NA
Manganese	274		3.9	0.39	mg/Kg	1	☼	6020B	Total/NA
Nickel	14.5		2.0	0.17	mg/Kg	1	☼	6020B	Total/NA
Potassium	1030		97.6	15.8	mg/Kg	1	☼	6020B	Total/NA
Selenium	0.27	J	1.2	0.12	mg/Kg	1	☼	6020B	Total/NA
Silver	0.13	J	0.39	0.087	mg/Kg	1	☼	6020B	Total/NA
Sodium	74.5	J	97.6	44.6	mg/Kg	1	☼	6020B	Total/NA
Thallium	0.075	J	0.39	0.040	mg/Kg	1	☼	6020B	Total/NA
Vanadium	20.9		2.0	0.20	mg/Kg	1	☼	6020B	Total/NA
Zinc	64.1		7.8	1.1	mg/Kg	1	☼	6020B	Total/NA
Mercury	0.032		0.016	0.0076	mg/Kg	1	☼	7471B	Total/NA

Client Sample ID: 4D_7-14 — Lab Sample ID: 460-336309-14

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Benzo[g,h,i]perylene	0.017	J	0.35	0.010	mg/Kg	1	☼	8270E	Total/NA
Indeno[1,2,3-cd]pyrene	0.022	J	0.035	0.014	mg/Kg	1	☼	8270E	Total/NA
Perfluorononanoic acid (PFNA)	0.13	J	0.20	0.099	ug/Kg	1	☼	1633A	Total/NA
Perfluorodecanoic acid (PFDA)	0.076	J	0.20	0.059	ug/Kg	1	☼	1633A	Total/NA
Perfluoroundecanoic acid (PFUnA)	1.56		0.20	0.099	ug/Kg	1	☼	1633A	Total/NA
Perfluorotridecanoic acid (PFTrDA)	1.40		0.20	0.099	ug/Kg	1	☼	1633A	Total/NA
Aluminum	6710		19.4	5.3	mg/Kg	1	☼	6020B	Total/NA
Antimony	0.54	J	0.97	0.14	mg/Kg	1	☼	6020B	Total/NA
Arsenic	5.5		0.97	0.10	mg/Kg	1	☼	6020B	Total/NA
Barium	48.2		1.9	0.14	mg/Kg	1	☼	6020B	Total/NA
Beryllium	0.47		0.39	0.021	mg/Kg	1	☼	6020B	Total/NA
Cadmium	0.16	J	0.97	0.11	mg/Kg	1	☼	6020B	Total/NA
Calcium	979		97.2	9.5	mg/Kg	1	☼	6020B	Total/NA
Chromium	14.3		1.9	0.29	mg/Kg	1	☼	6020B	Total/NA
Cobalt	7.7		0.97	0.14	mg/Kg	1	☼	6020B	Total/NA
Copper	33.8		1.9	0.36	mg/Kg	1	☼	6020B	Total/NA
Iron	14900		58.3	7.4	mg/Kg	1	☼	6020B	Total/NA
Lead	59.4		0.58	0.19	mg/Kg	1	☼	6020B	Total/NA
Magnesium	2050		97.2	9.9	mg/Kg	1	☼	6020B	Total/NA
Manganese	229		3.9	0.39	mg/Kg	1	☼	6020B	Total/NA
Nickel	13.1		1.9	0.17	mg/Kg	1	☼	6020B	Total/NA
Potassium	862		97.2	15.7	mg/Kg	1	☼	6020B	Total/NA
Selenium	0.33	J	1.2	0.12	mg/Kg	1	☼	6020B	Total/NA
Silver	0.16	J	0.39	0.087	mg/Kg	1	☼	6020B	Total/NA
Sodium	70.3	J	97.2	44.4	mg/Kg	1	☼	6020B	Total/NA
Thallium	0.089	J	0.39	0.040	mg/Kg	1	☼	6020B	Total/NA
Vanadium	20.2		1.9	0.20	mg/Kg	1	☼	6020B	Total/NA
Zinc	64.8		7.8	1.1	mg/Kg	1	☼	6020B	Total/NA
Mercury	0.033		0.018	0.0086	mg/Kg	1	☼	7471B	Total/NA

This Detection Summary does not include radiochemical test results.

Client Sample ID: 4E_0-7 — Lab Sample ID: 460-336309-15

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Perfluorooctanoic acid (PFOA)	0.071	J	0.20	0.060	ug/Kg	1	☼	1633A	Total/NA
Perfluorononanoic acid (PFNA)	2.41		0.20	0.10	ug/Kg	1	☼	1633A	Total/NA
Perfluorodecanoic acid (PFDA)	0.11	J	0.20	0.060	ug/Kg	1	☼	1633A	Total/NA
Perfluoroundecanoic acid (PFUnA)	1.01		0.20	0.10	ug/Kg	1	☼	1633A	Total/NA
Perfluorotridecanoic acid (PFTrDA)	0.38		0.20	0.10	ug/Kg	1	☼	1633A	Total/NA
Aluminum	6600		19.2	5.3	mg/Kg	1	☼	6020B	Total/NA
Antimony	0.65	J	0.96	0.14	mg/Kg	1	☼	6020B	Total/NA
Arsenic	7.0		0.96	0.099	mg/Kg	1	☼	6020B	Total/NA
Barium	45.1		1.9	0.14	mg/Kg	1	☼	6020B	Total/NA
Beryllium	0.46		0.38	0.021	mg/Kg	1	☼	6020B	Total/NA
Cadmium	0.14	J	0.96	0.11	mg/Kg	1	☼	6020B	Total/NA
Calcium	1540		96.0	9.3	mg/Kg	1	☼	6020B	Total/NA
Chromium	12.3		1.9	0.29	mg/Kg	1	☼	6020B	Total/NA
Cobalt	5.5		0.96	0.14	mg/Kg	1	☼	6020B	Total/NA
Copper	32.2		1.9	0.35	mg/Kg	1	☼	6020B	Total/NA
Iron	14700		57.6	7.3	mg/Kg	1	☼	6020B	Total/NA
Lead	39.5		0.58	0.19	mg/Kg	1	☼	6020B	Total/NA
Magnesium	2310		96.0	9.8	mg/Kg	1	☼	6020B	Total/NA
Manganese	217		3.8	0.39	mg/Kg	1	☼	6020B	Total/NA
Nickel	10.8		1.9	0.17	mg/Kg	1	☼	6020B	Total/NA
Potassium	852		96.0	15.5	mg/Kg	1	☼	6020B	Total/NA
Selenium	0.46	J	1.2	0.12	mg/Kg	1	☼	6020B	Total/NA
Silver	0.21	J	0.38	0.085	mg/Kg	1	☼	6020B	Total/NA
Sodium	63.7	J	96.0	43.9	mg/Kg	1	☼	6020B	Total/NA
Thallium	0.088	J	0.38	0.039	mg/Kg	1	☼	6020B	Total/NA
Vanadium	20.7		1.9	0.20	mg/Kg	1	☼	6020B	Total/NA
Zinc	39.7		7.7	1.0	mg/Kg	1	☼	6020B	Total/NA
Mercury	0.036		0.017	0.0079	mg/Kg	1	☼	7471B	Total/NA

Client Sample ID: 4E_7-14 — Lab Sample ID: 460-336309-16

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Indeno[1,2,3-cd]pyrene	0.021	J	0.036	0.014	mg/Kg	1	☼	8270E	Total/NA
Perfluorononanoic acid (PFNA)	0.16	J	0.20	0.099	ug/Kg	1	☼	1633A	Total/NA
Perfluoroundecanoic acid (PFUnA)	0.50		0.20	0.099	ug/Kg	1	☼	1633A	Total/NA
Perfluorotridecanoic acid (PFTrDA)	0.34		0.20	0.099	ug/Kg	1	☼	1633A	Total/NA
Aluminum	8070		20.0	5.5	mg/Kg	1	☼	6020B	Total/NA
Antimony	0.44	J	1.0	0.15	mg/Kg	1	☼	6020B	Total/NA
Arsenic	5.0		1.0	0.10	mg/Kg	1	☼	6020B	Total/NA
Barium	49.6		2.0	0.14	mg/Kg	1	☼	6020B	Total/NA
Beryllium	0.51		0.40	0.022	mg/Kg	1	☼	6020B	Total/NA
Cadmium	0.15	J	1.0	0.11	mg/Kg	1	☼	6020B	Total/NA
Calcium	1200		99.9	9.7	mg/Kg	1	☼	6020B	Total/NA
Chromium	14.6		2.0	0.30	mg/Kg	1	☼	6020B	Total/NA
Cobalt	6.1		1.0	0.15	mg/Kg	1	☼	6020B	Total/NA
Copper	27.7		2.0	0.37	mg/Kg	1	☼	6020B	Total/NA
Iron	15300		59.9	7.6	mg/Kg	1	☼	6020B	Total/NA
Lead	31.1		0.60	0.20	mg/Kg	1	☼	6020B	Total/NA
Magnesium	2420		99.9	10.2	mg/Kg	1	☼	6020B	Total/NA
Manganese	238		4.0	0.40	mg/Kg	1	☼	6020B	Total/NA
Nickel	13.2		2.0	0.18	mg/Kg	1	☼	6020B	Total/NA

This Detection Summary does not include radiochemical test results.

Client Sample ID: 4E_7-14 (Continued) — Lab Sample ID: 460-336309-16

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Potassium	922		99.9	16.2	mg/Kg	1	☼	6020B	Total/NA
Selenium	0.27	J	1.2	0.13	mg/Kg	1	☼	6020B	Total/NA
Silver	0.13	J	0.40	0.089	mg/Kg	1	☼	6020B	Total/NA
Sodium	64.2	J	99.9	45.7	mg/Kg	1	☼	6020B	Total/NA
Thallium	0.094	J	0.40	0.041	mg/Kg	1	☼	6020B	Total/NA
Vanadium	22.0		2.0	0.21	mg/Kg	1	☼	6020B	Total/NA
Zinc	46.9		8.0	1.1	mg/Kg	1	☼	6020B	Total/NA
Mercury	0.026		0.016	0.0076	mg/Kg	1	☼	7471B	Total/NA

Client Sample ID: 4F_0-7 — Lab Sample ID: 460-336309-17

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Indeno[1,2,3-cd]pyrene	0.021	J	0.036	0.014	mg/Kg	1	☼	8270E	Total/NA
Perfluoroundecanoic acid (PFUnA)	0.45		0.20	0.10	ug/Kg	1	☼	1633A	Total/NA
Perfluorotridecanoic acid (PFTrDA)	0.38		0.20	0.10	ug/Kg	1	☼	1633A	Total/NA
Aluminum	6900		20.6	5.7	mg/Kg	1	☼	6020B	Total/NA
Antimony	0.49	J	1.0	0.15	mg/Kg	1	☼	6020B	Total/NA
Arsenic	5.8		1.0	0.11	mg/Kg	1	☼	6020B	Total/NA
Barium	40.0		2.1	0.15	mg/Kg	1	☼	6020B	Total/NA
Beryllium	0.54		0.41	0.023	mg/Kg	1	☼	6020B	Total/NA
Calcium	954		103	10.0	mg/Kg	1	☼	6020B	Total/NA
Chromium	25.5		2.1	0.31	mg/Kg	1	☼	6020B	Total/NA
Cobalt	5.7		1.0	0.15	mg/Kg	1	☼	6020B	Total/NA
Copper	26.8		2.1	0.38	mg/Kg	1	☼	6020B	Total/NA
Iron	16500		61.9	7.9	mg/Kg	1	☼	6020B	Total/NA
Lead	20.3		0.62	0.21	mg/Kg	1	☼	6020B	Total/NA
Magnesium	2000		103	10.5	mg/Kg	1	☼	6020B	Total/NA
Manganese	108		4.1	0.42	mg/Kg	1	☼	6020B	Total/NA
Nickel	10.5		2.1	0.18	mg/Kg	1	☼	6020B	Total/NA
Potassium	748		103	16.7	mg/Kg	1	☼	6020B	Total/NA
Selenium	0.58	J	1.3	0.13	mg/Kg	1	☼	6020B	Total/NA
Silver	0.14	J	0.41	0.092	mg/Kg	1	☼	6020B	Total/NA
Sodium	62.2	J	103	47.1	mg/Kg	1	☼	6020B	Total/NA
Thallium	0.078	J	0.41	0.042	mg/Kg	1	☼	6020B	Total/NA
Vanadium	38.6		2.1	0.21	mg/Kg	1	☼	6020B	Total/NA
Zinc	36.3		8.2	1.1	mg/Kg	1	☼	6020B	Total/NA
Mercury	0.041		0.018	0.0082	mg/Kg	1	☼	7471B	Total/NA

Client Sample ID: 4F_7-14 — Lab Sample ID: 460-336309-18

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Benzo[a]pyrene	0.016	J	0.035	0.0095	mg/Kg	1	☼	8270E	Total/NA
Benzo[b]fluoranthene	0.020	J *	0.035	0.0092	mg/Kg	1	☼	8270E	Total/NA
Benzo[g,h,i]perylene	0.014	J	0.35	0.010	mg/Kg	1	☼	8270E	Total/NA
Benzo[k]fluoranthene	0.0078	J	0.035	0.0070	mg/Kg	1	☼	8270E	Total/NA
Chrysene	0.019	J	0.35	0.015	mg/Kg	1	☼	8270E	Total/NA
Fluoranthene	0.021	J	0.35	0.012	mg/Kg	1	☼	8270E	Total/NA
Indeno[1,2,3-cd]pyrene	0.030	J	0.035	0.014	mg/Kg	1	☼	8270E	Total/NA
Pyrene	0.022	J	0.35	0.0089	mg/Kg	1	☼	8270E	Total/NA
Perfluorooctanoic acid (PFOA)	0.16	J	0.20	0.059	ug/Kg	1	☼	1633A	Total/NA
Perfluorononanoic acid (PFNA)	0.20		0.20	0.099	ug/Kg	1	☼	1633A	Total/NA
Perfluorodecanoic acid (PFDA)	0.093	J	0.20	0.059	ug/Kg	1	☼	1633A	Total/NA

This Detection Summary does not include radiochemical test results.

Client Sample ID: 4F_7-14 (Continued) — Lab Sample ID: 460-336309-18

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Perfluoroundecanoic acid (PFUnA)	4.31		0.20	0.099	ug/Kg	1	☼	1633A	Total/NA
Perfluorotridecanoic acid (PFTrDA)	0.85		0.20	0.099	ug/Kg	1	☼	1633A	Total/NA
Hexafluoropropylene Oxide Dimer Acid (HFPO-DA)	0.19	J	0.20	0.099	ug/Kg	1	☼	1633A	Total/NA
Aluminum	5680		19.3	5.3	mg/Kg	1	☼	6020B	Total/NA
Antimony	0.40	J	0.96	0.14	mg/Kg	1	☼	6020B	Total/NA
Arsenic	4.0		0.96	0.099	mg/Kg	1	☼	6020B	Total/NA
Barium	38.6		1.9	0.14	mg/Kg	1	☼	6020B	Total/NA
Beryllium	0.41		0.39	0.021	mg/Kg	1	☼	6020B	Total/NA
Cadmium	0.16	J	0.96	0.11	mg/Kg	1	☼	6020B	Total/NA
Calcium	799		96.3	9.4	mg/Kg	1	☼	6020B	Total/NA
Chromium	11.7		1.9	0.29	mg/Kg	1	☼	6020B	Total/NA
Cobalt	5.3		0.96	0.14	mg/Kg	1	☼	6020B	Total/NA
Copper	25.3		1.9	0.35	mg/Kg	1	☼	6020B	Total/NA
Iron	12400		57.8	7.4	mg/Kg	1	☼	6020B	Total/NA
Lead	25.5		0.58	0.19	mg/Kg	1	☼	6020B	Total/NA
Magnesium	1560		96.3	9.8	mg/Kg	1	☼	6020B	Total/NA
Manganese	164		3.9	0.39	mg/Kg	1	☼	6020B	Total/NA
Nickel	9.8		1.9	0.17	mg/Kg	1	☼	6020B	Total/NA
Potassium	678		96.3	15.6	mg/Kg	1	☼	6020B	Total/NA
Selenium	0.27	J	1.2	0.12	mg/Kg	1	☼	6020B	Total/NA
Silver	0.11	J	0.39	0.086	mg/Kg	1	☼	6020B	Total/NA
Sodium	53.0	J	96.3	44.0	mg/Kg	1	☼	6020B	Total/NA
Thallium	0.062	J	0.39	0.039	mg/Kg	1	☼	6020B	Total/NA
Vanadium	18.8		1.9	0.20	mg/Kg	1	☼	6020B	Total/NA
Zinc	40.2		7.7	1.0	mg/Kg	1	☼	6020B	Total/NA
Mercury	0.023		0.018	0.0085	mg/Kg	1	☼	7471B	Total/NA

Client Sample ID: 6D1_1-2 — Lab Sample ID: 460-336309-19

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Methylene Chloride	0.0085		0.0035	0.0020	mg/Kg	1	☼	8260D	Total/NA

Client Sample ID: 6D2_2-3 — Lab Sample ID: 460-336309-20

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Methylene Chloride	0.0045		0.0025	0.0014	mg/Kg	1	☼	8260D	Total/NA

Client Sample ID: 6D3_4-5 — Lab Sample ID: 460-336309-21

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Methylene Chloride	0.0048		0.0029	0.0016	mg/Kg	1	☼	8260D	Total/NA

Client Sample ID: 6D1_6-7 — Lab Sample ID: 460-336309-22

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Methylene Chloride	0.0031		0.0025	0.0014	mg/Kg	1	☼	8260D	Total/NA

Client Sample ID: 6D2_7-8 — Lab Sample ID: 460-336309-23

No Detections.

This Detection Summary does not include radiochemical test results.

Client Sample ID: 6D3_9-10 — Lab Sample ID: 460-336309-24

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Methylene Chloride	0.0019	J	0.0023	0.0013	mg/Kg	1	☼	8260D	Total/NA

Client Sample ID: 6D1_10-11 — Lab Sample ID: 460-336309-25

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Methylene Chloride	0.0033		0.0019	0.0011	mg/Kg	1	☼	8260D	Total/NA

Client Sample ID: 6E1_1-2 — Lab Sample ID: 460-336309-26

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Methylene Chloride	0.0038		0.0021	0.0012	mg/Kg	1	☼	8260D	Total/NA

Client Sample ID: 6E2_3-4 — Lab Sample ID: 460-336309-27

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Methylene Chloride	0.0066		0.0032	0.0018	mg/Kg	1	☼	8260D	Total/NA

Client Sample ID: 6E3_4-5 — Lab Sample ID: 460-336309-28

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Methylene Chloride	0.0046		0.0028	0.0016	mg/Kg	1	☼	8260D	Total/NA

Client Sample ID: 6E1_6-7 — Lab Sample ID: 460-336309-29

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Methylene Chloride	0.0028	J	0.0030	0.0017	mg/Kg	1	☼	8260D	Total/NA

Client Sample ID: 6E2_7-8 — Lab Sample ID: 460-336309-30

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Methylene Chloride	0.0035		0.0028	0.0016	mg/Kg	1	☼	8260D	Total/NA

Client Sample ID: 6E3_8-9 — Lab Sample ID: 460-336309-31

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Methylene Chloride	0.0068		0.0028	0.0016	mg/Kg	1	☼	8260D	Total/NA

Client Sample ID: 6E3_11-12 — Lab Sample ID: 460-336309-32

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Methylene Chloride	0.0045		0.0025	0.0015	mg/Kg	1	☼	8260D	Total/NA

Client Sample ID: 6F1_1-2 — Lab Sample ID: 460-336309-33

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Methylene Chloride	0.0043		0.0026	0.0015	mg/Kg	1	☼	8260D	Total/NA

Client Sample ID: 6F2_3-4 — Lab Sample ID: 460-336309-34

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Methylene Chloride	0.0063		0.0036	0.0020	mg/Kg	1	☼	8260D	Total/NA

Client Sample ID: 6F3_4-5 — Lab Sample ID: 460-336309-35

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Methylene Chloride	0.0056		0.0040	0.0023	mg/Kg	1	☼	8260D	Total/NA

This Detection Summary does not include radiochemical test results.

Client Sample ID: 6F1_6-7 — Lab Sample ID: 460-336309-36

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Methylene Chloride	0.0083		0.0033	0.0019	mg/Kg	1	☼	8260D	Total/NA

Client Sample ID: 6F2_7-8 — Lab Sample ID: 460-336309-37

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Methylene Chloride	0.0049		0.0028	0.0016	mg/Kg	1	☼	8260D	Total/NA

Client Sample ID: 6F3_9-10 — Lab Sample ID: 460-336309-38

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Methylene Chloride	0.0051		0.0024	0.0014	mg/Kg	1	☼	8260D	Total/NA

Client Sample ID: 6F2_10-11 — Lab Sample ID: 460-336309-39

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Methylene Chloride	0.0054		0.0027	0.0015	mg/Kg	1	☼	8260D	Total/NA

Client Sample ID: 4A1_2-3 — Lab Sample ID: 460-336309-40

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Methylene Chloride	0.0042		0.0031	0.0018	mg/Kg	1	☼	8260D	Total/NA

Client Sample ID: 4A2_3-4 — Lab Sample ID: 460-336309-41

No Detections.

Client Sample ID: 4A3_5-6 — Lab Sample ID: 460-336309-42

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Methylene Chloride	0.0020		0.0020	0.0011	mg/Kg	1	☼	8260D	Total/NA

Client Sample ID: 4A1_7-8 — Lab Sample ID: 460-336309-43

No Detections.

Client Sample ID: 4A2_9-10 — Lab Sample ID: 460-336309-44

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Methylene Chloride	0.0045		0.0019	0.0011	mg/Kg	1	☼	8260D	Total/NA

Client Sample ID: 4A3_10-11 — Lab Sample ID: 460-336309-45

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Methyl acetate	0.0041	J	0.0047	0.0040	mg/Kg	1	☼	8260D	Total/NA
Methylene Chloride	0.0032		0.0019	0.0011	mg/Kg	1	☼	8260D	Total/NA

Client Sample ID: 4A1_12-13 — Lab Sample ID: 460-336309-46

No Detections.

Client Sample ID: 4B1_2-3 — Lab Sample ID: 460-336309-47

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Methylene Chloride	0.0046		0.0023	0.0013	mg/Kg	1	☼	8260D	Total/NA

This Detection Summary does not include radiochemical test results.

Detection Summary

Client: Haley & Aldrich, Inc.
Project/Site: Former Port Mobil

Job ID: 460-336309-1

Client Sample ID: 4B2_3-4 — Lab Sample ID: 460-336309-48

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Methylene Chloride	0.0053		0.0023	0.0013	mg/Kg	1	☼	8260D	Total/NA

Client Sample ID: 4B3_5-6 — Lab Sample ID: 460-336309-49

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Methylene Chloride	0.0034		0.0022	0.0012	mg/Kg	1	☼	8260D	Total/NA

Client Sample ID: 4B1_7-8 — Lab Sample ID: 460-336309-50

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Methylene Chloride	0.0073		0.0027	0.0015	mg/Kg	1	☼	8260D	Total/NA

Client Sample ID: 4B2_8-9 — Lab Sample ID: 460-336309-51

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Methylene Chloride	0.0028		0.0018	0.0010	mg/Kg	1	☼	8260D	Total/NA

Client Sample ID: 4B3_10-11 — Lab Sample ID: 460-336309-52

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Methylene Chloride	0.0019		0.0017	0.00097	mg/Kg	1	☼	8260D	Total/NA

Client Sample ID: 4B2_11-12 — Lab Sample ID: 460-336309-53

No Detections.

Client Sample ID: 4C1_1-2 — Lab Sample ID: 460-336309-54

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Methylene Chloride	0.0029		0.0019	0.0011	mg/Kg	1	☼	8260D	Total/NA

Client Sample ID: 4C2_3-4 — Lab Sample ID: 460-336309-55

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Methylene Chloride	0.0054		0.0022	0.0012	mg/Kg	1	☼	8260D	Total/NA

Client Sample ID: 4C3_5-6 — Lab Sample ID: 460-336309-56

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Methylene Chloride	0.0033		0.0021	0.0012	mg/Kg	1	☼	8260D	Total/NA

Client Sample ID: 4C1_6-7 — Lab Sample ID: 460-336309-57

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Methylene Chloride	0.0050		0.0022	0.0012	mg/Kg	1	☼	8260D	Total/NA

Client Sample ID: 4C2_8-9 — Lab Sample ID: 460-336309-58

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Methylene Chloride	0.0038		0.0023	0.0013	mg/Kg	1	☼	8260D	Total/NA

Client Sample ID: 4C3_11-12 — Lab Sample ID: 460-336309-59

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Methylene Chloride	0.0021		0.0020	0.0011	mg/Kg	1	☼	8260D	Total/NA

This Detection Summary does not include radiochemical test results.

Detection Summary

Client: Haley & Aldrich, Inc.
Project/Site: Former Port Mobil

Job ID: 460-336309-1

Client Sample ID: 4C1_13-14 — Lab Sample ID: 460-336309-60

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Methylene Chloride	0.0045		0.0021	0.0012	mg/Kg	1	☼	8260D	Total/NA

Client Sample ID: 4D1_1-2 — Lab Sample ID: 460-336309-61

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Acetone	0.029		0.0075	0.0072	mg/Kg	1	☼	8260D	Total/NA
Toluene	0.00090	J	0.0013	0.00029	mg/Kg	1	☼	8260D	Total/NA

Client Sample ID: 4D2_2-3 — Lab Sample ID: 460-336309-62

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Acetone	0.077		0.0093	0.0089	mg/Kg	1	☼	8260D	Total/NA

Client Sample ID: 4D3_4-5 — Lab Sample ID: 460-336309-63

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Acetone	0.064		0.0062	0.0060	mg/Kg	1	☼	8260D	Total/NA
Methylene Chloride	0.0018	J	0.0021	0.0012	mg/Kg	1	☼	8260D	Total/NA
Toluene	0.00049	J	0.0010	0.00024	mg/Kg	1	☼	8260D	Total/NA

Client Sample ID: 4D1_6-7 — Lab Sample ID: 460-336309-64

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Acetone	0.11		0.0055	0.0052	mg/Kg	1	☼	8260D	Total/NA

Client Sample ID: 4D2_7-8 — Lab Sample ID: 460-336309-65

No Detections.

Client Sample ID: 4D3_9-10 — Lab Sample ID: 460-336309-66

No Detections.

Client Sample ID: 4D1_11-12 — Lab Sample ID: 460-336309-67

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Acetone	0.050		0.0067	0.0063	mg/Kg	1	☼	8260D	Total/NA

Client Sample ID: 4E1_1-2 — Lab Sample ID: 460-336309-68

No Detections.

Client Sample ID: 4E2_3-4 — Lab Sample ID: 460-336309-69

No Detections.

Client Sample ID: 4E3_4-5 — Lab Sample ID: 460-336309-70

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Acetone	0.0074		0.0057	0.0054	mg/Kg	1	☼	8260D	Total/NA
Methylene Chloride	0.0011	J	0.0019	0.0011	mg/Kg	1	☼	8260D	Total/NA

Client Sample ID: 4E1_5-6 — Lab Sample ID: 460-336309-71

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Acetone	0.0097		0.0066	0.0063	mg/Kg	1	☼	8260D	Total/NA

This Detection Summary does not include radiochemical test results.

Detection Summary

Client: Haley & Aldrich, Inc.
Project/Site: Former Port Mobil

Job ID: 460-336309-1

Client Sample ID: 4E2_7-8 — Lab Sample ID: 460-336309-72

No Detections.

Client Sample ID: 4E3_9-10 — Lab Sample ID: 460-336309-73

No Detections.

Client Sample ID: 4E2_12-13 — Lab Sample ID: 460-336309-74

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Acetone	0.028		0.0052	0.0050	mg/Kg	1	☼	8260D	Total/NA

Client Sample ID: 4F1_1-2 — Lab Sample ID: 460-336309-75

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Methylene Chloride	0.0036		0.0018	0.0010	mg/Kg	1	☼	8260D	Total/NA

Client Sample ID: 4F2_3-4 — Lab Sample ID: 460-336309-76

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Toluene	0.00037	J	0.00093	0.00022	mg/Kg	1	☼	8260D	Total/NA

Client Sample ID: 4F3_5-6 — Lab Sample ID: 460-336309-77

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Bromoform	0.00061	J	0.00097	0.00041	mg/Kg	1	☼	8260D	Total/NA

Client Sample ID: 4F1_6-7 — Lab Sample ID: 460-336309-78

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Acetone	0.015		0.0090	0.0086	mg/Kg	1	☼	8260D	Total/NA
Carbon disulfide	0.0014	J	0.0015	0.00040	mg/Kg	1	☼	8260D	Total/NA

Client Sample ID: 4F2_8-9 — Lab Sample ID: 460-336309-79

No Detections.

Client Sample ID: 4F3_10-11 — Lab Sample ID: 460-336309-80

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Methylene Chloride	0.0018	J	0.0023	0.0013	mg/Kg	1	☼	8260D	Total/NA

Client Sample ID: 4F1_12-13 — Lab Sample ID: 460-336309-81

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
2-Butanone (MEK)	0.0045	J	0.0069	0.00051	mg/Kg	1	☼	8260D	Total/NA
Acetone	0.12		0.0083	0.0079	mg/Kg	1	☼	8260D	Total/NA
Carbon disulfide	0.0015		0.0014	0.00037	mg/Kg	1	☼	8260D	Total/NA
Toluene	0.00058	J	0.0014	0.00032	mg/Kg	1	☼	8260D	Total/NA

This Detection Summary does not include radiochemical test results.

Client: Haley & Aldrich, Inc.
Project/Site: Former Port Mobil

Job ID: 460-336309-1

Client Sample ID: 6D_0-6
Date Collected: 10/02/25 08:00
Date Received: 10/02/25 16:00

Lab Sample ID: 460-336309-1
Matrix: Solid
Percent Solids: 95.8

Method: SW846 8270E - Semivolatile Organic Compounds (GC/MS)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1'-Biphenyl	0.34	U	0.34	0.012	mg/Kg	☼	10/05/25 13:19	10/06/25 11:42	1
1,2,4,5-Tetrachlorobenzene	0.34	U	0.34	0.011	mg/Kg	☼	10/05/25 13:19	10/06/25 11:42	1
1,4-Dioxane	0.034	U	0.034	0.030	mg/Kg	☼	10/05/25 13:19	10/06/25 11:42	1
2,2'-oxybis[1-chloropropane]	0.34	U	0.34	0.021	mg/Kg	☼	10/05/25 13:19	10/06/25 11:42	1
2,3,4,6-Tetrachlorophenol	0.34	U	0.34	0.023	mg/Kg	☼	10/05/25 13:19	10/06/25 11:42	1
2,4,5-Trichlorophenol	0.34	U	0.34	0.035	mg/Kg	☼	10/05/25 13:19	10/06/25 11:42	1
2,4,6-Trichlorophenol	0.14	U	0.14	0.044	mg/Kg	☼	10/05/25 13:19	10/06/25 11:42	1
2,4-Dichlorophenol	0.14	U	0.14	0.022	mg/Kg	☼	10/05/25 13:19	10/06/25 11:42	1
2,4-Dimethylphenol	0.34	U	0.34	0.041	mg/Kg	☼	10/05/25 13:19	10/06/25 11:42	1
2,4-Dinitrophenol	0.28	U	0.28	0.17	mg/Kg	☼	10/05/25 13:19	10/06/25 11:42	1
2,4-Dinitrotoluene	0.070	U	0.070	0.037	mg/Kg	☼	10/05/25 13:19	10/06/25 11:42	1
2,6-Dinitrotoluene	0.070	U	0.070	0.025	mg/Kg	☼	10/05/25 13:19	10/06/25 11:42	1
2-Chloronaphthalene	0.34	U	0.34	0.044	mg/Kg	☼	10/05/25 13:19	10/06/25 11:42	1
2-Chlorophenol	0.34	U	0.34	0.012	mg/Kg	☼	10/05/25 13:19	10/06/25 11:42	1
2-Methylnaphthalene	0.34	U	0.34	0.0096	mg/Kg	☼	10/05/25 13:19	10/06/25 11:42	1
2-Methylphenol	0.34	U	0.34	0.013	mg/Kg	☼	10/05/25 13:19	10/06/25 11:42	1
2-Nitroaniline	0.34	U	0.34	0.026	mg/Kg	☼	10/05/25 13:19	10/06/25 11:42	1
2-Nitrophenol	0.34	U	0.34	0.034	mg/Kg	☼	10/05/25 13:19	10/06/25 11:42	1
3 & 4 Methylphenol	0.34	U	0.34	0.021	mg/Kg	☼	10/05/25 13:19	10/06/25 11:42	1
3,3'-Dichlorobenzidine	0.14	U	0.14	0.052	mg/Kg	☼	10/05/25 13:19	10/06/25 11:42	1
3-Nitroaniline	0.34	U	0.34	0.082	mg/Kg	☼	10/05/25 13:19	10/06/25 11:42	1
4,6-Dinitro-2-methylphenol	0.28	U	0.28	0.14	mg/Kg	☼	10/05/25 13:19	10/06/25 11:42	1
4-Bromophenyl phenyl ether	0.34	U	0.34	0.014	mg/Kg	☼	10/05/25 13:19	10/06/25 11:42	1
4-Chloro-3-methylphenol	0.34	U	0.34	0.019	mg/Kg	☼	10/05/25 13:19	10/06/25 11:42	1
4-Chloroaniline	0.34	U	0.34	0.061	mg/Kg	☼	10/05/25 13:19	10/06/25 11:42	1
4-Chlorophenyl phenyl ether	0.34	U	0.34	0.012	mg/Kg	☼	10/05/25 13:19	10/06/25 11:42	1
4-Methylphenol	0.34	U	0.34	0.022	mg/Kg	☼	10/05/25 13:19	10/06/25 11:42	1
4-Nitroaniline	0.34	U	0.34	0.087	mg/Kg	☼	10/05/25 13:19	10/06/25 11:42	1
4-Nitrophenol	0.70	U	0.70	0.056	mg/Kg	☼	10/05/25 13:19	10/06/25 11:42	1
Acenaphthene	0.34	U	0.34	0.0098	mg/Kg	☼	10/05/25 13:19	10/06/25 11:42	1
Acenaphthylene	0.34	U	0.34	0.0098	mg/Kg	☼	10/05/25 13:19	10/06/25 11:42	1
Acetophenone	0.34	U	0.34	0.017	mg/Kg	☼	10/05/25 13:19	10/06/25 11:42	1
Anthracene	0.34	U	0.34	0.010	mg/Kg	☼	10/05/25 13:19	10/06/25 11:42	1
Atrazine	0.14	U *	0.14	0.020	mg/Kg	☼	10/05/25 13:19	10/06/25 11:42	1
Benzaldehyde	0.34	U *	0.34	0.057	mg/Kg	☼	10/05/25 13:19	10/06/25 11:42	1
Benzo[a]anthracene	0.034	U	0.034	0.026	mg/Kg	☼	10/05/25 13:19	10/06/25 11:42	1
Benzo[a]pyrene	0.034	U	0.034	0.0092	mg/Kg	☼	10/05/25 13:19	10/06/25 11:42	1
Benzo[b]fluoranthene	0.034	U	0.034	0.0089	mg/Kg	☼	10/05/25 13:19	10/06/25 11:42	1
Benzo[g,h,i]perylene	0.34	U	0.34	0.010	mg/Kg	☼	10/05/25 13:19	10/06/25 11:42	1
Benzo[k]fluoranthene	0.034	U	0.034	0.0068	mg/Kg	☼	10/05/25 13:19	10/06/25 11:42	1
Bis(2-chloroethoxy)methane	0.34	U	0.34	0.064	mg/Kg	☼	10/05/25 13:19	10/06/25 11:42	1
Bis(2-chloroethyl)ether	0.034	U	0.034	0.012	mg/Kg	☼	10/05/25 13:19	10/06/25 11:42	1
Bis(2-ethylhexyl) phthalate	0.34	U	0.34	0.018	mg/Kg	☼	10/05/25 13:19	10/06/25 11:42	1
Butyl benzyl phthalate	0.34	U	0.34	0.016	mg/Kg	☼	10/05/25 13:19	10/06/25 11:42	1
Caprolactam	0.34	U *	0.34	0.054	mg/Kg	☼	10/05/25 13:19	10/06/25 11:42	1
Carbazole	0.34	U	0.34	0.013	mg/Kg	☼	10/05/25 13:19	10/06/25 11:42	1
Chrysene	0.34	U	0.34	0.014	mg/Kg	☼	10/05/25 13:19	10/06/25 11:42	1
Dibenz(a,h)anthracene	0.034	U	0.034	0.015	mg/Kg	☼	10/05/25 13:19	10/06/25 11:42	1
Dibenzofuran	0.34	U	0.34	0.011	mg/Kg	☼	10/05/25 13:19	10/06/25 11:42	1

Client Sample ID: 6D_0-6
Date Collected: 10/02/25 08:00
Date Received: 10/02/25 16:00

Lab Sample ID: 460-336309-1
Matrix: Solid
Percent Solids: 95.8

Method: SW846 8270E - Semivolatile Organic Compounds (GC/MS) (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Diethyl phthalate	0.34	U	0.34	0.011	mg/Kg	☼	10/05/25 13:19	10/06/25 11:42	1
Dimethyl phthalate	0.34	U	0.34	0.078	mg/Kg	☼	10/05/25 13:19	10/06/25 11:42	1
Di-n-butyl phthalate	0.34	U	0.34	0.013	mg/Kg	☼	10/05/25 13:19	10/06/25 11:42	1
Di-n-octyl phthalate	0.34	U	0.34	0.018	mg/Kg	☼	10/05/25 13:19	10/06/25 11:42	1
Fluoranthene	0.34	U	0.34	0.012	mg/Kg	☼	10/05/25 13:19	10/06/25 11:42	1
Fluorene	0.34	U	0.34	0.010	mg/Kg	☼	10/05/25 13:19	10/06/25 11:42	1
Hexachlorobenzene	0.034	U	0.034	0.016	mg/Kg	☼	10/05/25 13:19	10/06/25 11:42	1
Hexachlorobutadiene	0.070	U	0.070	0.0073	mg/Kg	☼	10/05/25 13:19	10/06/25 11:42	1
Hexachlorocyclopentadiene	0.34	U	0.34	0.030	mg/Kg	☼	10/05/25 13:19	10/06/25 11:42	1
Hexachloroethane	0.034	U	0.034	0.012	mg/Kg	☼	10/05/25 13:19	10/06/25 11:42	1
Indeno[1,2,3-cd]pyrene	0.034	U	0.034	0.013	mg/Kg	☼	10/05/25 13:19	10/06/25 11:42	1
Isophorone	0.14	U	0.14	0.10	mg/Kg	☼	10/05/25 13:19	10/06/25 11:42	1
Naphthalene	0.34	U	0.34	0.0060	mg/Kg	☼	10/05/25 13:19	10/06/25 11:42	1
Nitrobenzene	0.034	U	0.034	0.019	mg/Kg	☼	10/05/25 13:19	10/06/25 11:42	1
N-Nitrosodi-n-propylamine	0.034	U	0.034	0.025	mg/Kg	☼	10/05/25 13:19	10/06/25 11:42	1
N-Nitrosodiphenylamine	0.34	U	0.34	0.028	mg/Kg	☼	10/05/25 13:19	10/06/25 11:42	1
Pentachlorophenol	0.28	U	0.28	0.071	mg/Kg	☼	10/05/25 13:19	10/06/25 11:42	1
Phenanthrene	0.34	U	0.34	0.014	mg/Kg	☼	10/05/25 13:19	10/06/25 11:42	1
Phenol	0.34	U	0.34	0.013	mg/Kg	☼	10/05/25 13:19	10/06/25 11:42	1
Pyrene	0.34	U	0.34	0.0086	mg/Kg	☼	10/05/25 13:19	10/06/25 11:42	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
2,4,6-Tribromophenol (Surr)	*82*		*18 - 137*	*10/05/25 13:19*	*10/06/25 11:42*	*1*
2-Fluorobiphenyl	*82*		*33 - 117*	*10/05/25 13:19*	*10/06/25 11:42*	*1*
2-Fluorophenol (Surr)	*86*		*24 - 120*	*10/05/25 13:19*	*10/06/25 11:42*	*1*
Nitrobenzene-d5 (Surr)	*87*		*27 - 120*	*10/05/25 13:19*	*10/06/25 11:42*	*1*
Phenol-d5 (Surr)	*86*		*28 - 118*	*10/05/25 13:19*	*10/06/25 11:42*	*1*
Terphenyl-d14 (Surr)	*95*		*33 - 124*	*10/05/25 13:19*	*10/06/25 11:42*	*1*

Method: SW846 8081B - Organochlorine Pesticides (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
4,4'-DDD	0.0070	U	0.0070	0.0012	mg/Kg	☼	10/05/25 16:16	10/06/25 09:36	1
4,4'-DDE	0.0070	U	0.0070	0.00082	mg/Kg	☼	10/05/25 16:16	10/06/25 09:36	1
4,4'-DDT	0.0070	U	0.0070	0.0013	mg/Kg	☼	10/05/25 16:16	10/06/25 09:36	1
Aldrin	0.0070	U	0.0070	0.0011	mg/Kg	☼	10/05/25 16:16	10/06/25 09:36	1
alpha-BHC	0.0021	U	0.0021	0.00071	mg/Kg	☼	10/05/25 16:16	10/06/25 09:36	1
beta-BHC	0.0021	U	0.0021	0.00078	mg/Kg	☼	10/05/25 16:16	10/06/25 09:36	1
Chlordane (technical)	0.070	U	0.070	0.017	mg/Kg	☼	10/05/25 16:16	10/06/25 09:36	1
cis-Chlordane	0.0070	U	0.0070	0.0011	mg/Kg	☼	10/05/25 16:16	10/06/25 09:36	1
delta-BHC	0.0021	U	0.0021	0.00043	mg/Kg	☼	10/05/25 16:16	10/06/25 09:36	1
Dieldrin	0.0021	U	0.0021	0.00091	mg/Kg	☼	10/05/25 16:16	10/06/25 09:36	1
Endosulfan I	0.0070	U	0.0070	0.0011	mg/Kg	☼	10/05/25 16:16	10/06/25 09:36	1
Endosulfan II	0.0070	U	0.0070	0.0018	mg/Kg	☼	10/05/25 16:16	10/06/25 09:36	1
Endosulfan sulfate	0.0070	U	0.0070	0.00088	mg/Kg	☼	10/05/25 16:16	10/06/25 09:36	1
Endrin	0.0070	U	0.0070	0.0010	mg/Kg	☼	10/05/25 16:16	10/06/25 09:36	1
Endrin aldehyde	0.0070	U	0.0070	0.0016	mg/Kg	☼	10/05/25 16:16	10/06/25 09:36	1
Endrin ketone	0.0070	U	0.0070	0.0014	mg/Kg	☼	10/05/25 16:16	10/06/25 09:36	1
gamma-BHC (Lindane)	0.0021	U	0.0021	0.00065	mg/Kg	☼	10/05/25 16:16	10/06/25 09:36	1
Heptachlor	0.0070	U	0.0070	0.00082	mg/Kg	☼	10/05/25 16:16	10/06/25 09:36	1
Heptachlor epoxide	0.0070	U	0.0070	0.0010	mg/Kg	☼	10/05/25 16:16	10/06/25 09:36	1

Client Sample ID: 6D_0-6
Date Collected: 10/02/25 08:00
Date Received: 10/02/25 16:00

Lab Sample ID: 460-336309-1
Matrix: Solid
Percent Solids: 95.8

Method: SW846 8081B - Organochlorine Pesticides (GC) (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Methoxychlor	0.0070	U	0.0070	0.0016	mg/Kg	☼	10/05/25 16:16	10/06/25 09:36	1
Toxaphene	0.070	U	0.070	0.025	mg/Kg	☼	10/05/25 16:16	10/06/25 09:36	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
DCB Decachlorobiphenyl	*94*		*10 - 150*	*10/05/25 16:16*	*10/06/25 09:36*	*1*
DCB Decachlorobiphenyl	*112*		*10 - 150*	*10/05/25 16:16*	*10/06/25 09:36*	*1*
Tetrachloro-m-xylene	*93*		*14 - 150*	*10/05/25 16:16*	*10/06/25 09:36*	*1*
Tetrachloro-m-xylene	*92*		*14 - 150*	*10/05/25 16:16*	*10/06/25 09:36*	*1*

Method: SW846 8082A - Polychlorinated Biphenyls (PCBs) by Gas Chromatography

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Aroclor 1016	0.070	U	0.070	0.019	mg/Kg	☼	10/05/25 15:56	10/06/25 19:39	1
Aroclor 1221	0.070	U	0.070	0.019	mg/Kg	☼	10/05/25 15:56	10/06/25 19:39	1
Aroclor 1232	0.070	U	0.070	0.019	mg/Kg	☼	10/05/25 15:56	10/06/25 19:39	1
Aroclor 1242	0.070	U	0.070	0.019	mg/Kg	☼	10/05/25 15:56	10/06/25 19:39	1
Aroclor 1248	0.070	U	0.070	0.019	mg/Kg	☼	10/05/25 15:56	10/06/25 19:39	1
Aroclor 1254	0.070	U	0.070	0.019	mg/Kg	☼	10/05/25 15:56	10/06/25 19:39	1
Aroclor 1260	0.070	U	0.070	0.019	mg/Kg	☼	10/05/25 15:56	10/06/25 19:39	1
Aroclor-1262	0.070	U	0.070	0.019	mg/Kg	☼	10/05/25 15:56	10/06/25 19:39	1
Aroclor 1268	0.070	U	0.070	0.019	mg/Kg	☼	10/05/25 15:56	10/06/25 19:39	1
Polychlorinated biphenyls, Total	0.070	U	0.070	0.019	mg/Kg	☼	10/05/25 15:56	10/06/25 19:39	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
DCB Decachlorobiphenyl	*112*		*10 - 150*	*10/05/25 15:56*	*10/06/25 19:39*	*1*
DCB Decachlorobiphenyl	*110*		*10 - 150*	*10/05/25 15:56*	*10/06/25 19:39*	*1*
Tetrachloro-m-xylene	*95*		*10 - 150*	*10/05/25 15:56*	*10/06/25 19:39*	*1*
Tetrachloro-m-xylene	*104*		*10 - 150*	*10/05/25 15:56*	*10/06/25 19:39*	*1*

Method: EPA 1633A - Per- and Polyfluoroalkyl Substances by LC/MS/MS, 1633A

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Perfluorobutanoic acid (PFBA)	0.40	U	0.40	0.099	ug/Kg	☼	10/08/25 06:11	10/09/25 09:48	1
Perfluoropentanoic acid (PFPeA)	0.20	U	0.20	0.099	ug/Kg	☼	10/08/25 06:11	10/09/25 09:48	1
Perfluorohexanoic acid (PFHxA)	0.20	U	0.20	0.099	ug/Kg	☼	10/08/25 06:11	10/09/25 09:48	1
Perfluoroheptanoic acid (PFHpA)	0.20	U	0.20	0.099	ug/Kg	☼	10/08/25 06:11	10/09/25 09:48	1
Perfluorooctanoic acid (PFOA)	0.20	U	0.20	0.059	ug/Kg	☼	10/08/25 06:11	10/09/25 09:48	1
Perfluorononanoic acid (PFNA)	**0.12**	**J**	0.20	0.099	ug/Kg	☼	10/08/25 06:11	10/09/25 09:48	1
Perfluorodecanoic acid (PFDA)	**0.22**		0.20	0.059	ug/Kg	☼	10/08/25 06:11	10/09/25 09:48	1
Perfluoroundecanoic acid (PFUnA)	**1.86**		0.20	0.099	ug/Kg	☼	10/08/25 06:11	10/09/25 09:48	1
Perfluorododecanoic acid (PFDoA)	**0.16**	**J**	0.20	0.099	ug/Kg	☼	10/08/25 06:11	10/09/25 09:48	1
Perfluorotridecanoic acid (PFTrDA)	**1.75**		0.20	0.099	ug/Kg	☼	10/08/25 06:11	10/09/25 09:48	1
Perfluorotetradecanoic acid (PFTeDA)	0.20	U	0.20	0.099	ug/Kg	☼	10/08/25 06:11	10/09/25 09:48	1
Perfluorobutanesulfonic acid (PFBS)	0.20	U	0.20	0.099	ug/Kg	☼	10/08/25 06:11	10/09/25 09:48	1
Perfluoropentanesulfonic acid (PFPeS)	0.20	U	0.20	0.099	ug/Kg	☼	10/08/25 06:11	10/09/25 09:48	1
Perfluorohexanesulfonic acid (PFHxS)	0.20	U	0.20	0.099	ug/Kg	☼	10/08/25 06:11	10/09/25 09:48	1
Perfluoroheptanesulfonic acid (PFHpS)	0.20	U	0.20	0.099	ug/Kg	☼	10/08/25 06:11	10/09/25 09:48	1
Perfluorooctanesulfonic acid (PFOS)	0.20	U	0.20	0.099	ug/Kg	☼	10/08/25 06:11	10/09/25 09:48	1
Perfluorononanesulfonic acid (PFNS)	0.20	U	0.20	0.099	ug/Kg	☼	10/08/25 06:11	10/09/25 09:48	1

Client Sample ID: 6D_0-6
Date Collected: 10/02/25 08:00
Date Received: 10/02/25 16:00

Lab Sample ID: 460-336309-1
Matrix: Solid
Percent Solids: 95.8

Method: EPA 1633A - Per- and Polyfluoroalkyl Substances by LC/MS/MS, 1633A (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Perfluorodecanesulfonic acid (PFDS)	0.20	U	0.20	0.099	ug/Kg	☼	10/08/25 06:11	10/09/25 09:48	1
Perfluorododecanesulfonic acid (PFDoS)	0.20	U	0.20	0.099	ug/Kg	☼	10/08/25 06:11	10/09/25 09:48	1
1H,1H,2H,2H-Perfluorohexane sulfonic acid (4:2 FTS)	0.40	U	0.40	0.20	ug/Kg	☼	10/08/25 06:11	10/09/25 09:48	1
1H,1H,2H,2H-Perfluorooctane sulfonic acid (6:2 FTS)	0.40	U	0.40	0.20	ug/Kg	☼	10/08/25 06:11	10/09/25 09:48	1
1H,1H,2H,2H-Perfluorodecane sulfonic acid (8:2 FTS)	0.40	U	0.40	0.20	ug/Kg	☼	10/08/25 06:11	10/09/25 09:48	1
Perfluorooctanesulfonamide (PFOSA)	0.20	U	0.20	0.099	ug/Kg	☼	10/08/25 06:11	10/09/25 09:48	1
N-methylperfluorooctane sulfonamide (NMeFOSA)	0.20	U	0.20	0.099	ug/Kg	☼	10/08/25 06:11	10/09/25 09:48	1
N-ethylperfluorooctane sulfonamide (NEtFOSA)	0.20	U	0.20	0.099	ug/Kg	☼	10/08/25 06:11	10/09/25 09:48	1
N-methylperfluorooctanesulfonamidoacetic acid (NMeFOSAA)	0.20	U	0.20	0.099	ug/Kg	☼	10/08/25 06:11	10/09/25 09:48	1
N-ethylperfluorooctanesulfonamidoacetic acid (NEtFOSAA)	0.20	U	0.20	0.099	ug/Kg	☼	10/08/25 06:11	10/09/25 09:48	1
N-methylperfluorooctane sulfonamidoethanol (NMeFOSE)	0.99	U	0.99	0.49	ug/Kg	☼	10/08/25 06:11	10/09/25 09:48	1
N-ethylperfluorooctane sulfonamidoethanol (NEtFOSE)	0.99	U	0.99	0.49	ug/Kg	☼	10/08/25 06:11	10/09/25 09:48	1
Hexafluoropropylene Oxide Dimer Acid (HFPO-DA)	0.20	U	0.20	0.099	ug/Kg	☼	10/08/25 06:11	10/09/25 09:48	1
4,8-Dioxa-3H-perfluorononanoic acid (ADONA)	0.20	U	0.20	0.099	ug/Kg	☼	10/08/25 06:11	10/09/25 09:48	1
Perfluoro-3-methoxypropanoic acid (PFMPA)	0.20	U	0.20	0.099	ug/Kg	☼	10/08/25 06:11	10/09/25 09:48	1
Perfluoro-4-methoxybutanoic acid (PFMBA)	0.20	U	0.20	0.099	ug/Kg	☼	10/08/25 06:11	10/09/25 09:48	1
Nonafluoro-3,6-dioxaheptanoic acid (NFDHA)	0.20	U	0.20	0.099	ug/Kg	☼	10/08/25 06:11	10/09/25 09:48	1
9-Chlorohexadecafluoro-3-oxanonane-1-sulfonic acid (9Cl-PF3ONS)	0.20	U	0.20	0.099	ug/Kg	☼	10/08/25 06:11	10/09/25 09:48	1
11-Chloroeicosafluoro-3-oxaundecane-1-sulfonic acid (11Cl-PF3OUdS)	0.20	U	0.20	0.099	ug/Kg	☼	10/08/25 06:11	10/09/25 09:48	1
Perfluoro (2-ethoxyethane) sulfonic acid (PFEESA)	0.20	U	0.20	0.099	ug/Kg	☼	10/08/25 06:11	10/09/25 09:48	1
3-Perfluoropropylpropanoic acid (3:3 FTCA)	0.40	U	0.40	0.20	ug/Kg	☼	10/08/25 06:11	10/09/25 09:48	1
3-Perfluoropentylpropanoic acid (5:3 FTCA)	0.99	U	0.99	0.49	ug/Kg	☼	10/08/25 06:11	10/09/25 09:48	1
3-Perfluoroheptylpropanoic acid (7:3 FTCA)	0.99	U	0.99	0.49	ug/Kg	☼	10/08/25 06:11	10/09/25 09:48	1

Isotope Dilution	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
13C4 PFBA	*103*		*8 - 130*	*10/08/25 06:11*	*10/09/25 09:48*	*1*
13C5 PFPeA	*100*		*35 - 130*	*10/08/25 06:11*	*10/09/25 09:48*	*1*
13C5 PFHxA	*98.6*		*40 - 130*	*10/08/25 06:11*	*10/09/25 09:48*	*1*
13C4 PFHpA	*97.6*		*40 - 130*	*10/08/25 06:11*	*10/09/25 09:48*	*1*
13C8 PFOA	*95.1*		*40 - 130*	*10/08/25 06:11*	*10/09/25 09:48*	*1*
13C9 PFNA	*102*		*40 - 130*	*10/08/25 06:11*	*10/09/25 09:48*	*1*
13C6 PFDA	*89.4*		*40 - 130*	*10/08/25 06:11*	*10/09/25 09:48*	*1*
13C7 PFUnA	*80.1*		*40 - 130*	*10/08/25 06:11*	*10/09/25 09:48*	*1*
13C2 PFTeDA	*50.1*		*20 - 130*	*10/08/25 06:11*	*10/09/25 09:48*	*1*

Client Sample ID: 6D_0-6
Date Collected: 10/02/25 08:00
Date Received: 10/02/25 16:00

Lab Sample ID: 460-336309-1
Matrix: Solid
Percent Solids: 95.8

Method: EPA 1633A - Per- and Polyfluoroalkyl Substances by LC/MS/MS, 1633A (Continued)

Isotope Dilution	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
13C3 PFBS	99.8		40 - 135	10/08/25 06:11	10/09/25 09:48	1
13C3 PFHxS	83.0		40 - 130	10/08/25 06:11	10/09/25 09:48	1
13C8 PFOS	86.1		40 - 130	10/08/25 06:11	10/09/25 09:48	1
13C8 FOSA	92.4		40 - 130	10/08/25 06:11	10/09/25 09:48	1
d3-NMeFOSAA	70.4		40 - 135	10/08/25 06:11	10/09/25 09:48	1
d5-NEtFOSAA	59.3		40 - 150	10/08/25 06:11	10/09/25 09:48	1
13C2 4:2 FTS	95.4		40 - 165	10/08/25 06:11	10/09/25 09:48	1
13C2 6:2 FTS	87.8		40 - 215	10/08/25 06:11	10/09/25 09:48	1
13C2 8:2 FTS	89.3		40 - 275	10/08/25 06:11	10/09/25 09:48	1
13C3 HFPO-DA	91.9		40 - 130	10/08/25 06:11	10/09/25 09:48	1
d7-N-MeFOSE-M	55.4		20 - 130	10/08/25 06:11	10/09/25 09:48	1
d9-N-EtFOSE-M	47.7		15 - 130	10/08/25 06:11	10/09/25 09:48	1
d5-NEtPFOSA	72.0		10 - 130	10/08/25 06:11	10/09/25 09:48	1
d3-NMePFOSA	78.3		10 - 130	10/08/25 06:11	10/09/25 09:48	1
13C2 PFDoA	77.3		40 - 130	10/08/25 06:11	10/09/25 09:48	1

Method: SW846 6020B - Metals (ICP/MS)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Aluminum	8880		19.5	5.4	mg/Kg	☼	10/08/25 06:57	10/08/25 15:19	1
Antimony	0.41	J	0.98	0.14	mg/Kg	☼	10/08/25 06:57	10/08/25 15:19	1
Arsenic	5.9		0.98	0.10	mg/Kg	☼	10/08/25 06:57	10/08/25 15:19	1
Barium	63.9		2.0	0.14	mg/Kg	☼	10/08/25 06:57	10/08/25 15:19	1
Beryllium	0.57		0.39	0.021	mg/Kg	☼	10/08/25 06:57	10/08/25 15:19	1
Cadmium	0.20	J	0.98	0.11	mg/Kg	☼	10/08/25 06:57	10/08/25 15:19	1
Calcium	1160		97.5	9.5	mg/Kg	☼	10/08/25 06:57	10/08/25 15:19	1
Chromium	19.2		2.0	0.29	mg/Kg	☼	10/08/25 06:57	10/08/25 15:19	1
Cobalt	8.3		0.98	0.14	mg/Kg	☼	10/08/25 06:57	10/08/25 15:19	1
Copper	38.0		2.0	0.36	mg/Kg	☼	10/08/25 06:57	10/08/25 15:19	1
Iron	21400		58.5	7.5	mg/Kg	☼	10/08/25 06:57	10/08/25 15:19	1
Lead	57.9		0.59	0.20	mg/Kg	☼	10/08/25 06:57	10/08/25 15:19	1
Magnesium	3470		97.5	9.9	mg/Kg	☼	10/08/25 06:57	10/08/25 15:19	1
Manganese	383		3.9	0.39	mg/Kg	☼	10/08/25 06:57	10/08/25 15:19	1
Nickel	20.0		2.0	0.17	mg/Kg	☼	10/08/25 06:57	10/08/25 15:19	1
Potassium	1350		97.5	15.8	mg/Kg	☼	10/08/25 06:57	10/08/25 15:19	1
Selenium	0.22	J	1.2	0.12	mg/Kg	☼	10/08/25 06:57	10/08/25 15:19	1
Silver	0.14	J	0.39	0.087	mg/Kg	☼	10/08/25 06:57	10/08/25 15:19	1
Sodium	91.2	J	97.5	44.6	mg/Kg	☼	10/08/25 06:57	10/08/25 15:19	1
Thallium	0.12	J	0.39	0.040	mg/Kg	☼	10/08/25 06:57	10/08/25 15:19	1
Vanadium	23.1		2.0	0.20	mg/Kg	☼	10/08/25 06:57	10/08/25 15:19	1
Zinc	67.6		7.8	1.1	mg/Kg	☼	10/08/25 06:57	10/08/25 15:19	1

Method: SW846 7471B - Mercury (CVAA)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	0.036		0.017	0.0082	mg/Kg	☼	10/09/25 01:54	10/09/25 08:17	1

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Percent Moisture (EPA Moisture)	4.2		1.0	1.0	%			10/07/25 16:17	1
Percent Solids (EPA Moisture)	95.8		1.0	1.0	%			10/07/25 16:17	1

Client Sample ID: 6D_6-12
Date Collected: 10/02/25 08:05
Date Received: 10/02/25 16:00

Lab Sample ID: 460-336309-2
Matrix: Solid
Percent Solids: 95.0

Method: SW846 8270E - Semivolatile Organic Compounds (GC/MS)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1'-Biphenyl	0.35	U	0.35	0.012	mg/Kg	☼	10/05/25 13:19	10/06/25 12:05	1
1,2,4,5-Tetrachlorobenzene	0.35	U	0.35	0.011	mg/Kg	☼	10/05/25 13:19	10/06/25 12:05	1
1,4-Dioxane	0.035	U	0.035	0.030	mg/Kg	☼	10/05/25 13:19	10/06/25 12:05	1
2,2'-oxybis[1-chloropropane]	0.35	U	0.35	0.021	mg/Kg	☼	10/05/25 13:19	10/06/25 12:05	1
2,3,4,6-Tetrachlorophenol	0.35	U	0.35	0.024	mg/Kg	☼	10/05/25 13:19	10/06/25 12:05	1
2,4,5-Trichlorophenol	0.35	U	0.35	0.035	mg/Kg	☼	10/05/25 13:19	10/06/25 12:05	1
2,4,6-Trichlorophenol	0.14	U	0.14	0.045	mg/Kg	☼	10/05/25 13:19	10/06/25 12:05	1
2,4-Dichlorophenol	0.14	U	0.14	0.022	mg/Kg	☼	10/05/25 13:19	10/06/25 12:05	1
2,4-Dimethylphenol	0.35	U	0.35	0.041	mg/Kg	☼	10/05/25 13:19	10/06/25 12:05	1
2,4-Dinitrophenol	0.28	U	0.28	0.17	mg/Kg	☼	10/05/25 13:19	10/06/25 12:05	1
2,4-Dinitrotoluene	0.070	U	0.070	0.037	mg/Kg	☼	10/05/25 13:19	10/06/25 12:05	1
2,6-Dinitrotoluene	0.070	U	0.070	0.025	mg/Kg	☼	10/05/25 13:19	10/06/25 12:05	1
2-Chloronaphthalene	0.35	U	0.35	0.045	mg/Kg	☼	10/05/25 13:19	10/06/25 12:05	1
2-Chlorophenol	0.35	U	0.35	0.012	mg/Kg	☼	10/05/25 13:19	10/06/25 12:05	1
2-Methylnaphthalene	0.35	U	0.35	0.0097	mg/Kg	☼	10/05/25 13:19	10/06/25 12:05	1
2-Methylphenol	0.35	U	0.35	0.013	mg/Kg	☼	10/05/25 13:19	10/06/25 12:05	1
2-Nitroaniline	0.35	U	0.35	0.027	mg/Kg	☼	10/05/25 13:19	10/06/25 12:05	1
2-Nitrophenol	0.35	U	0.35	0.035	mg/Kg	☼	10/05/25 13:19	10/06/25 12:05	1
3 & 4 Methylphenol	0.35	U	0.35	0.022	mg/Kg	☼	10/05/25 13:19	10/06/25 12:05	1
3,3'-Dichlorobenzidine	0.14	U	0.14	0.053	mg/Kg	☼	10/05/25 13:19	10/06/25 12:05	1
3-Nitroaniline	0.35	U	0.35	0.083	mg/Kg	☼	10/05/25 13:19	10/06/25 12:05	1
4,6-Dinitro-2-methylphenol	0.28	U	0.28	0.14	mg/Kg	☼	10/05/25 13:19	10/06/25 12:05	1
4-Bromophenyl phenyl ether	0.35	U	0.35	0.014	mg/Kg	☼	10/05/25 13:19	10/06/25 12:05	1
4-Chloro-3-methylphenol	0.35	U	0.35	0.020	mg/Kg	☼	10/05/25 13:19	10/06/25 12:05	1
4-Chloroaniline	0.35	U	0.35	0.062	mg/Kg	☼	10/05/25 13:19	10/06/25 12:05	1
4-Chlorophenyl phenyl ether	0.35	U	0.35	0.012	mg/Kg	☼	10/05/25 13:19	10/06/25 12:05	1
4-Methylphenol	0.35	U	0.35	0.022	mg/Kg	☼	10/05/25 13:19	10/06/25 12:05	1
4-Nitroaniline	0.35	U	0.35	0.088	mg/Kg	☼	10/05/25 13:19	10/06/25 12:05	1
4-Nitrophenol	0.70	U	0.70	0.057	mg/Kg	☼	10/05/25 13:19	10/06/25 12:05	1
Acenaphthene	0.35	U	0.35	0.0099	mg/Kg	☼	10/05/25 13:19	10/06/25 12:05	1
Acenaphthylene	0.35	U	0.35	0.0099	mg/Kg	☼	10/05/25 13:19	10/06/25 12:05	1
Acetophenone	0.35	U	0.35	0.017	mg/Kg	☼	10/05/25 13:19	10/06/25 12:05	1
Anthracene	0.35	U	0.35	0.011	mg/Kg	☼	10/05/25 13:19	10/06/25 12:05	1
Atrazine	0.14	U *	0.14	0.020	mg/Kg	☼	10/05/25 13:19	10/06/25 12:05	1
Benzaldehyde	0.35	U *	0.35	0.057	mg/Kg	☼	10/05/25 13:19	10/06/25 12:05	1
Benzo[a]anthracene	0.035	U	0.035	0.026	mg/Kg	☼	10/05/25 13:19	10/06/25 12:05	1
Benzo[a]pyrene	0.035	U	0.035	0.0093	mg/Kg	☼	10/05/25 13:19	10/06/25 12:05	1
Benzo[b]fluoranthene	0.035	U	0.035	0.0090	mg/Kg	☼	10/05/25 13:19	10/06/25 12:05	1
Benzo[g,h,i]perylene	0.35	U	0.35	0.010	mg/Kg	☼	10/05/25 13:19	10/06/25 12:05	1
Benzo[k]fluoranthene	0.035	U	0.035	0.0068	mg/Kg	☼	10/05/25 13:19	10/06/25 12:05	1
Bis(2-chloroethoxy)methane	0.35	U	0.35	0.064	mg/Kg	☼	10/05/25 13:19	10/06/25 12:05	1
Bis(2-chloroethyl)ether	0.035	U	0.035	0.012	mg/Kg	☼	10/05/25 13:19	10/06/25 12:05	1
Bis(2-ethylhexyl) phthalate	0.35	U	0.35	0.018	mg/Kg	☼	10/05/25 13:19	10/06/25 12:05	1
Butyl benzyl phthalate	0.35	U	0.35	0.016	mg/Kg	☼	10/05/25 13:19	10/06/25 12:05	1
Caprolactam	0.35	U *	0.35	0.054	mg/Kg	☼	10/05/25 13:19	10/06/25 12:05	1
Carbazole	0.35	U	0.35	0.013	mg/Kg	☼	10/05/25 13:19	10/06/25 12:05	1
Chrysene	0.35	U	0.35	0.015	mg/Kg	☼	10/05/25 13:19	10/06/25 12:05	1
Dibenz(a,h)anthracene	0.035	U	0.035	0.015	mg/Kg	☼	10/05/25 13:19	10/06/25 12:05	1
Dibenzofuran	0.35	U	0.35	0.012	mg/Kg	☼	10/05/25 13:19	10/06/25 12:05	1

Client Sample ID: 6D_6-12
Date Collected: 10/02/25 08:05
Date Received: 10/02/25 16:00

Lab Sample ID: 460-336309-2
Matrix: Solid
Percent Solids: 95.0

Method: SW846 8270E - Semivolatile Organic Compounds (GC/MS) (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Diethyl phthalate	0.35	U	0.35	0.011	mg/Kg	☼	10/05/25 13:19	10/06/25 12:05	1
Dimethyl phthalate	0.35	U	0.35	0.079	mg/Kg	☼	10/05/25 13:19	10/06/25 12:05	1
Di-n-butyl phthalate	0.35	U	0.35	0.013	mg/Kg	☼	10/05/25 13:19	10/06/25 12:05	1
Di-n-octyl phthalate	0.35	U	0.35	0.018	mg/Kg	☼	10/05/25 13:19	10/06/25 12:05	1
Fluoranthene	0.35	U	0.35	0.012	mg/Kg	☼	10/05/25 13:19	10/06/25 12:05	1
Fluorene	0.35	U	0.35	0.010	mg/Kg	☼	10/05/25 13:19	10/06/25 12:05	1
Hexachlorobenzene	0.035	U	0.035	0.017	mg/Kg	☼	10/05/25 13:19	10/06/25 12:05	1
Hexachlorobutadiene	0.070	U	0.070	0.0074	mg/Kg	☼	10/05/25 13:19	10/06/25 12:05	1
Hexachlorocyclopentadiene	0.35	U	0.35	0.031	mg/Kg	☼	10/05/25 13:19	10/06/25 12:05	1
Hexachloroethane	0.035	U	0.035	0.012	mg/Kg	☼	10/05/25 13:19	10/06/25 12:05	1
Indeno[1,2,3-cd]pyrene	0.035	U	0.035	0.014	mg/Kg	☼	10/05/25 13:19	10/06/25 12:05	1
Isophorone	0.14	U	0.14	0.10	mg/Kg	☼	10/05/25 13:19	10/06/25 12:05	1
Naphthalene	0.35	U	0.35	0.0060	mg/Kg	☼	10/05/25 13:19	10/06/25 12:05	1
Nitrobenzene	0.035	U	0.035	0.019	mg/Kg	☼	10/05/25 13:19	10/06/25 12:05	1
N-Nitrosodi-n-propylamine	0.035	U	0.035	0.025	mg/Kg	☼	10/05/25 13:19	10/06/25 12:05	1
N-Nitrosodiphenylamine	0.35	U	0.35	0.029	mg/Kg	☼	10/05/25 13:19	10/06/25 12:05	1
Pentachlorophenol	0.28	U	0.28	0.071	mg/Kg	☼	10/05/25 13:19	10/06/25 12:05	1
Phenanthrene	0.35	U	0.35	0.014	mg/Kg	☼	10/05/25 13:19	10/06/25 12:05	1
Phenol	0.35	U	0.35	0.013	mg/Kg	☼	10/05/25 13:19	10/06/25 12:05	1
Pyrene	**0.0094**	**J**	0.35	0.0086	mg/Kg	☼	10/05/25 13:19	10/06/25 12:05	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
2,4,6-Tribromophenol (Surr)	*90*		*18 - 137*	*10/05/25 13:19*	*10/06/25 12:05*	*1*
2-Fluorobiphenyl	*88*		*33 - 117*	*10/05/25 13:19*	*10/06/25 12:05*	*1*
2-Fluorophenol (Surr)	*91*		*24 - 120*	*10/05/25 13:19*	*10/06/25 12:05*	*1*
Nitrobenzene-d5 (Surr)	*92*		*27 - 120*	*10/05/25 13:19*	*10/06/25 12:05*	*1*
Phenol-d5 (Surr)	*92*		*28 - 118*	*10/05/25 13:19*	*10/06/25 12:05*	*1*
Terphenyl-d14 (Surr)	*103*		*33 - 124*	*10/05/25 13:19*	*10/06/25 12:05*	*1*

Method: SW846 8081B - Organochlorine Pesticides (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
4,4'-DDD	0.0071	U	0.0071	0.0012	mg/Kg	☼	10/05/25 16:16	10/06/25 10:13	1
4,4'-DDE	0.0071	U	0.0071	0.00083	mg/Kg	☼	10/05/25 16:16	10/06/25 10:13	1
4,4'-DDT	0.0071	U	0.0071	0.0013	mg/Kg	☼	10/05/25 16:16	10/06/25 10:13	1
Aldrin	0.0071	U	0.0071	0.0011	mg/Kg	☼	10/05/25 16:16	10/06/25 10:13	1
alpha-BHC	0.0021	U	0.0021	0.00072	mg/Kg	☼	10/05/25 16:16	10/06/25 10:13	1
beta-BHC	0.0021	U	0.0021	0.00079	mg/Kg	☼	10/05/25 16:16	10/06/25 10:13	1
Chlordane (technical)	0.071	U	0.071	0.017	mg/Kg	☼	10/05/25 16:16	10/06/25 10:13	1
cis-Chlordane	0.0071	U	0.0071	0.0011	mg/Kg	☼	10/05/25 16:16	10/06/25 10:13	1
delta-BHC	0.0021	U	0.0021	0.00043	mg/Kg	☼	10/05/25 16:16	10/06/25 10:13	1
Dieldrin	0.0021	U	0.0021	0.00092	mg/Kg	☼	10/05/25 16:16	10/06/25 10:13	1
Endosulfan I	0.0071	U	0.0071	0.0011	mg/Kg	☼	10/05/25 16:16	10/06/25 10:13	1
Endosulfan II	0.0071	U	0.0071	0.0018	mg/Kg	☼	10/05/25 16:16	10/06/25 10:13	1
Endosulfan sulfate	0.0071	U	0.0071	0.00088	mg/Kg	☼	10/05/25 16:16	10/06/25 10:13	1
Endrin	0.0071	U	0.0071	0.0010	mg/Kg	☼	10/05/25 16:16	10/06/25 10:13	1
Endrin aldehyde	0.0071	U	0.0071	0.0017	mg/Kg	☼	10/05/25 16:16	10/06/25 10:13	1
Endrin ketone	0.0071	U	0.0071	0.0014	mg/Kg	☼	10/05/25 16:16	10/06/25 10:13	1
gamma-BHC (Lindane)	0.0021	U	0.0021	0.00065	mg/Kg	☼	10/05/25 16:16	10/06/25 10:13	1
Heptachlor	0.0071	U	0.0071	0.00083	mg/Kg	☼	10/05/25 16:16	10/06/25 10:13	1
Heptachlor epoxide	0.0071	U	0.0071	0.0011	mg/Kg	☼	10/05/25 16:16	10/06/25 10:13	1

Client Sample ID: 6D_6-12
Date Collected: 10/02/25 08:05
Date Received: 10/02/25 16:00

Lab Sample ID: 460-336309-2
Matrix: Solid
Percent Solids: 95.0

Method: SW846 8081B - Organochlorine Pesticides (GC) (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Methoxychlor	0.0071	U	0.0071	0.0016	mg/Kg	☼	10/05/25 16:16	10/06/25 10:13	1
Toxaphene	0.071	U	0.071	0.025	mg/Kg	☼	10/05/25 16:16	10/06/25 10:13	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
DCB Decachlorobiphenyl	*121*		*10 - 150*	*10/05/25 16:16*	*10/06/25 10:13*	*1*
DCB Decachlorobiphenyl	*152*	*	*10 - 150*	*10/05/25 16:16*	*10/06/25 10:13*	*1*
Tetrachloro-m-xylene	*123*		*14 - 150*	*10/05/25 16:16*	*10/06/25 10:13*	*1*
Tetrachloro-m-xylene	*124*		*14 - 150*	*10/05/25 16:16*	*10/06/25 10:13*	*1*

Method: SW846 8082A - Polychlorinated Biphenyls (PCBs) by Gas Chromatography

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Aroclor 1016	0.071	U	0.071	0.019	mg/Kg	☼	10/05/25 15:56	10/06/25 19:56	1
Aroclor 1221	0.071	U	0.071	0.019	mg/Kg	☼	10/05/25 15:56	10/06/25 19:56	1
Aroclor 1232	0.071	U	0.071	0.019	mg/Kg	☼	10/05/25 15:56	10/06/25 19:56	1
Aroclor 1242	0.071	U	0.071	0.019	mg/Kg	☼	10/05/25 15:56	10/06/25 19:56	1
Aroclor 1248	0.071	U	0.071	0.019	mg/Kg	☼	10/05/25 15:56	10/06/25 19:56	1
Aroclor 1254	0.071	U	0.071	0.019	mg/Kg	☼	10/05/25 15:56	10/06/25 19:56	1
Aroclor 1260	0.071	U	0.071	0.019	mg/Kg	☼	10/05/25 15:56	10/06/25 19:56	1
Aroclor-1262	0.071	U	0.071	0.019	mg/Kg	☼	10/05/25 15:56	10/06/25 19:56	1
Aroclor 1268	0.071	U	0.071	0.019	mg/Kg	☼	10/05/25 15:56	10/06/25 19:56	1
Polychlorinated biphenyls, Total	0.071	U	0.071	0.019	mg/Kg	☼	10/05/25 15:56	10/06/25 19:56	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
DCB Decachlorobiphenyl	*133*		*10 - 150*	*10/05/25 15:56*	*10/06/25 19:56*	*1*
DCB Decachlorobiphenyl	*134*		*10 - 150*	*10/05/25 15:56*	*10/06/25 19:56*	*1*
Tetrachloro-m-xylene	*115*		*10 - 150*	*10/05/25 15:56*	*10/06/25 19:56*	*1*
Tetrachloro-m-xylene	*129*		*10 - 150*	*10/05/25 15:56*	*10/06/25 19:56*	*1*

Method: EPA 1633A - Per- and Polyfluoroalkyl Substances by LC/MS/MS, 1633A

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Perfluorobutanoic acid (PFBA)	0.40	U	0.40	0.099	ug/Kg	☼	10/08/25 06:11	10/09/25 10:02	1
Perfluoropentanoic acid (PFPeA)	0.20	U	0.20	0.099	ug/Kg	☼	10/08/25 06:11	10/09/25 10:02	1
Perfluorohexanoic acid (PFHxA)	0.20	U	0.20	0.099	ug/Kg	☼	10/08/25 06:11	10/09/25 10:02	1
Perfluoroheptanoic acid (PFHpA)	0.20	U	0.20	0.099	ug/Kg	☼	10/08/25 06:11	10/09/25 10:02	1
Perfluorooctanoic acid (PFOA)	0.20	U	0.20	0.059	ug/Kg	☼	10/08/25 06:11	10/09/25 10:02	1
Perfluorononanoic acid (PFNA)	**0.31**		0.20	0.099	ug/Kg	☼	10/08/25 06:11	10/09/25 10:02	1
Perfluorodecanoic acid (PFDA)	**0.14**	**J**	0.20	0.059	ug/Kg	☼	10/08/25 06:11	10/09/25 10:02	1
Perfluoroundecanoic acid (PFUnA)	**2.11**		0.20	0.099	ug/Kg	☼	10/08/25 06:11	10/09/25 10:02	1
Perfluorododecanoic acid (PFDoA)	0.20	U	0.20	0.099	ug/Kg	☼	10/08/25 06:11	10/09/25 10:02	1
Perfluorotridecanoic acid (PFTrDA)	**1.47**		0.20	0.099	ug/Kg	☼	10/08/25 06:11	10/09/25 10:02	1
Perfluorotetradecanoic acid (PFTeDA)	0.20	U	0.20	0.099	ug/Kg	☼	10/08/25 06:11	10/09/25 10:02	1
Perfluorobutanesulfonic acid (PFBS)	0.20	U	0.20	0.099	ug/Kg	☼	10/08/25 06:11	10/09/25 10:02	1
Perfluoropentanesulfonic acid (PFPeS)	0.20	U	0.20	0.099	ug/Kg	☼	10/08/25 06:11	10/09/25 10:02	1
Perfluorohexanesulfonic acid (PFHxS)	0.20	U	0.20	0.099	ug/Kg	☼	10/08/25 06:11	10/09/25 10:02	1
Perfluoroheptanesulfonic acid (PFHpS)	0.20	U	0.20	0.099	ug/Kg	☼	10/08/25 06:11	10/09/25 10:02	1
Perfluorooctanesulfonic acid (PFOS)	0.20	U	0.20	0.099	ug/Kg	☼	10/08/25 06:11	10/09/25 10:02	1
Perfluorononanesulfonic acid (PFNS)	0.20	U	0.20	0.099	ug/Kg	☼	10/08/25 06:11	10/09/25 10:02	1

Client Sample ID: 6D_6-12
Date Collected: 10/02/25 08:05
Date Received: 10/02/25 16:00

Lab Sample ID: 460-336309-2
Matrix: Solid
Percent Solids: 95.0

Method: EPA 1633A - Per- and Polyfluoroalkyl Substances by LC/MS/MS, 1633A (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Perfluorodecanesulfonic acid (PFDS)	0.20	U	0.20	0.099	ug/Kg	☼	10/08/25 06:11	10/09/25 10:02	1
Perfluorododecanesulfonic acid (PFDoS)	0.20	U	0.20	0.099	ug/Kg	☼	10/08/25 06:11	10/09/25 10:02	1
1H,1H,2H,2H-Perfluorohexane sulfonic acid (4:2 FTS)	0.40	U	0.40	0.20	ug/Kg	☼	10/08/25 06:11	10/09/25 10:02	1
1H,1H,2H,2H-Perfluorooctane sulfonic acid (6:2 FTS)	0.40	U	0.40	0.20	ug/Kg	☼	10/08/25 06:11	10/09/25 10:02	1
1H,1H,2H,2H-Perfluorodecane sulfonic acid (8:2 FTS)	0.40	U	0.40	0.20	ug/Kg	☼	10/08/25 06:11	10/09/25 10:02	1
Perfluorooctanesulfonamide (PFOSA)	0.20	U	0.20	0.099	ug/Kg	☼	10/08/25 06:11	10/09/25 10:02	1
N-methylperfluorooctane sulfonamide (NMeFOSA)	0.20	U	0.20	0.099	ug/Kg	☼	10/08/25 06:11	10/09/25 10:02	1
N-ethylperfluorooctane sulfonamide (NEtFOSA)	0.20	U	0.20	0.099	ug/Kg	☼	10/08/25 06:11	10/09/25 10:02	1
N-methylperfluorooctanesulfonamidoacetic acid (NMeFOSAA)	0.20	U	0.20	0.099	ug/Kg	☼	10/08/25 06:11	10/09/25 10:02	1
N-ethylperfluorooctanesulfonamidoacetic acid (NEtFOSAA)	0.20	U	0.20	0.099	ug/Kg	☼	10/08/25 06:11	10/09/25 10:02	1
N-methylperfluorooctane sulfonamidoethanol (NMeFOSE)	0.99	U	0.99	0.49	ug/Kg	☼	10/08/25 06:11	10/09/25 10:02	1
N-ethylperfluorooctane sulfonamidoethanol (NEtFOSE)	0.99	U	0.99	0.49	ug/Kg	☼	10/08/25 06:11	10/09/25 10:02	1
Hexafluoropropylene Oxide Dimer Acid (HFPO-DA)	0.20	U	0.20	0.099	ug/Kg	☼	10/08/25 06:11	10/09/25 10:02	1
4,8-Dioxa-3H-perfluorononanoic acid (ADONA)	0.20	U	0.20	0.099	ug/Kg	☼	10/08/25 06:11	10/09/25 10:02	1
Perfluoro-3-methoxypropanoic acid (PFMPA)	0.20	U	0.20	0.099	ug/Kg	☼	10/08/25 06:11	10/09/25 10:02	1
Perfluoro-4-methoxybutanoic acid (PFMBA)	0.20	U	0.20	0.099	ug/Kg	☼	10/08/25 06:11	10/09/25 10:02	1
Nonafluoro-3,6-dioxaheptanoic acid (NFDHA)	0.20	U	0.20	0.099	ug/Kg	☼	10/08/25 06:11	10/09/25 10:02	1
9-Chlorohexadecafluoro-3-oxanonane-1-sulfonic acid (9Cl-PF3ONS)	0.20	U	0.20	0.099	ug/Kg	☼	10/08/25 06:11	10/09/25 10:02	1
11-Chloroeicosafluoro-3-oxaundecane-1-sulfonic acid (11Cl-PF3OUdS)	0.20	U	0.20	0.099	ug/Kg	☼	10/08/25 06:11	10/09/25 10:02	1
Perfluoro (2-ethoxyethane) sulfonic acid (PFEESA)	0.20	U	0.20	0.099	ug/Kg	☼	10/08/25 06:11	10/09/25 10:02	1
3-Perfluoropropylpropanoic acid (3:3 FTCA)	0.40	U	0.40	0.20	ug/Kg	☼	10/08/25 06:11	10/09/25 10:02	1
3-Perfluoropentylpropanoic acid (5:3 FTCA)	0.99	U	0.99	0.49	ug/Kg	☼	10/08/25 06:11	10/09/25 10:02	1
3-Perfluoroheptylpropanoic acid (7:3 FTCA)	0.99	U	0.99	0.49	ug/Kg	☼	10/08/25 06:11	10/09/25 10:02	1

Isotope Dilution	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
13C4 PFBA	*113*		*8 - 130*	*10/08/25 06:11*	*10/09/25 10:02*	*1*
13C5 PFPeA	*115*		*35 - 130*	*10/08/25 06:11*	*10/09/25 10:02*	*1*
13C5 PFHxA	*114*		*40 - 130*	*10/08/25 06:11*	*10/09/25 10:02*	*1*
13C4 PFHpA	*111*		*40 - 130*	*10/08/25 06:11*	*10/09/25 10:02*	*1*
13C8 PFOA	*109*		*40 - 130*	*10/08/25 06:11*	*10/09/25 10:02*	*1*
13C9 PFNA	*112*		*40 - 130*	*10/08/25 06:11*	*10/09/25 10:02*	*1*
13C6 PFDA	*104*		*40 - 130*	*10/08/25 06:11*	*10/09/25 10:02*	*1*
13C7 PFUnA	*90.7*		*40 - 130*	*10/08/25 06:11*	*10/09/25 10:02*	*1*
13C2 PFTeDA	*62.9*		*20 - 130*	*10/08/25 06:11*	*10/09/25 10:02*	*1*

Client Sample ID: 6D_6-12
Date Collected: 10/02/25 08:05
Date Received: 10/02/25 16:00

Lab Sample ID: 460-336309-2
Matrix: Solid
Percent Solids: 95.0

Method: EPA 1633A - Per- and Polyfluoroalkyl Substances by LC/MS/MS, 1633A (Continued)

Isotope Dilution	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
13C3 PFBS	114		40 - 135	10/08/25 06:11	10/09/25 10:02	1
13C3 PFHxS	104		40 - 130	10/08/25 06:11	10/09/25 10:02	1
13C8 PFOS	110		40 - 130	10/08/25 06:11	10/09/25 10:02	1
13C8 FOSA	109		40 - 130	10/08/25 06:11	10/09/25 10:02	1
d3-NMeFOSAA	88.0		40 - 135	10/08/25 06:11	10/09/25 10:02	1
d5-NEtFOSAA	72.8		40 - 150	10/08/25 06:11	10/09/25 10:02	1
13C2 4:2 FTS	123		40 - 165	10/08/25 06:11	10/09/25 10:02	1
13C2 6:2 FTS	110		40 - 215	10/08/25 06:11	10/09/25 10:02	1
13C2 8:2 FTS	119		40 - 275	10/08/25 06:11	10/09/25 10:02	1
13C3 HFPO-DA	100		40 - 130	10/08/25 06:11	10/09/25 10:02	1
d7-N-MeFOSE-M	52.5		20 - 130	10/08/25 06:11	10/09/25 10:02	1
d9-N-EtFOSE-M	41.6		15 - 130	10/08/25 06:11	10/09/25 10:02	1
d5-NEtPFOSA	85.1		10 - 130	10/08/25 06:11	10/09/25 10:02	1
d3-NMePFOSA	93.6		10 - 130	10/08/25 06:11	10/09/25 10:02	1
13C2 PFDoA	82.2		40 - 130	10/08/25 06:11	10/09/25 10:02	1

Method: SW846 6020B - Metals (ICP/MS)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Aluminum	9440		19.3	5.3	mg/Kg	☼	10/08/25 06:57	10/08/25 15:22	1
Antimony	0.44	J	0.97	0.14	mg/Kg	☼	10/08/25 06:57	10/08/25 15:22	1
Arsenic	6.3		0.97	0.099	mg/Kg	☼	10/08/25 06:57	10/08/25 15:22	1
Barium	60.4		1.9	0.14	mg/Kg	☼	10/08/25 06:57	10/08/25 15:22	1
Beryllium	0.64		0.39	0.021	mg/Kg	☼	10/08/25 06:57	10/08/25 15:22	1
Cadmium	0.20	J	0.97	0.11	mg/Kg	☼	10/08/25 06:57	10/08/25 15:22	1
Calcium	1280		96.6	9.4	mg/Kg	☼	10/08/25 06:57	10/08/25 15:22	1
Chromium	21.6		1.9	0.29	mg/Kg	☼	10/08/25 06:57	10/08/25 15:22	1
Cobalt	8.6		0.97	0.14	mg/Kg	☼	10/08/25 06:57	10/08/25 15:22	1
Copper	44.2		1.9	0.36	mg/Kg	☼	10/08/25 06:57	10/08/25 15:22	1
Iron	20900		57.9	7.4	mg/Kg	☼	10/08/25 06:57	10/08/25 15:22	1
Lead	70.4		0.58	0.19	mg/Kg	☼	10/08/25 06:57	10/08/25 15:22	1
Magnesium	3850		96.6	9.8	mg/Kg	☼	10/08/25 06:57	10/08/25 15:22	1
Manganese	336		3.9	0.39	mg/Kg	☼	10/08/25 06:57	10/08/25 15:22	1
Nickel	29.8		1.9	0.17	mg/Kg	☼	10/08/25 06:57	10/08/25 15:22	1
Potassium	1190		96.6	15.6	mg/Kg	☼	10/08/25 06:57	10/08/25 15:22	1
Selenium	0.31	J	1.2	0.12	mg/Kg	☼	10/08/25 06:57	10/08/25 15:22	1
Silver	0.16	J	0.39	0.086	mg/Kg	☼	10/08/25 06:57	10/08/25 15:22	1
Sodium	98.4		96.6	44.1	mg/Kg	☼	10/08/25 06:57	10/08/25 15:22	1
Thallium	0.13	J	0.39	0.040	mg/Kg	☼	10/08/25 06:57	10/08/25 15:22	1
Vanadium	25.1		1.9	0.20	mg/Kg	☼	10/08/25 06:57	10/08/25 15:22	1
Zinc	84.5		7.7	1.1	mg/Kg	☼	10/08/25 06:57	10/08/25 15:22	1

Method: SW846 7471B - Mercury (CVAA)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	0.038		0.017	0.0081	mg/Kg	☼	10/09/25 01:54	10/09/25 08:19	1

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Percent Moisture (EPA Moisture)	5.0		1.0	1.0	%			10/07/25 16:17	1
Percent Solids (EPA Moisture)	95.0		1.0	1.0	%			10/07/25 16:17	1

Client Sample ID: 6E_0-6
Date Collected: 10/02/25 08:10
Date Received: 10/02/25 16:00

Lab Sample ID: 460-336309-3
Matrix: Solid
Percent Solids: 96.5

Method: SW846 8270E - Semivolatile Organic Compounds (GC/MS)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1'-Biphenyl	0.34	U	0.34	0.012	mg/Kg	☼	10/05/25 13:19	10/06/25 12:27	1
1,2,4,5-Tetrachlorobenzene	0.34	U	0.34	0.011	mg/Kg	☼	10/05/25 13:19	10/06/25 12:27	1
1,4-Dioxane	0.034	U	0.034	0.030	mg/Kg	☼	10/05/25 13:19	10/06/25 12:27	1
2,2'-oxybis[1-chloropropane]	0.34	U	0.34	0.020	mg/Kg	☼	10/05/25 13:19	10/06/25 12:27	1
2,3,4,6-Tetrachlorophenol	0.34	U	0.34	0.023	mg/Kg	☼	10/05/25 13:19	10/06/25 12:27	1
2,4,5-Trichlorophenol	0.34	U	0.34	0.035	mg/Kg	☼	10/05/25 13:19	10/06/25 12:27	1
2,4,6-Trichlorophenol	0.14	U	0.14	0.044	mg/Kg	☼	10/05/25 13:19	10/06/25 12:27	1
2,4-Dichlorophenol	0.14	U	0.14	0.022	mg/Kg	☼	10/05/25 13:19	10/06/25 12:27	1
2,4-Dimethylphenol	0.34	U	0.34	0.041	mg/Kg	☼	10/05/25 13:19	10/06/25 12:27	1
2,4-Dinitrophenol	0.27	U	0.27	0.17	mg/Kg	☼	10/05/25 13:19	10/06/25 12:27	1
2,4-Dinitrotoluene	0.069	U	0.069	0.037	mg/Kg	☼	10/05/25 13:19	10/06/25 12:27	1
2,6-Dinitrotoluene	0.069	U	0.069	0.025	mg/Kg	☼	10/05/25 13:19	10/06/25 12:27	1
2-Chloronaphthalene	0.34	U	0.34	0.044	mg/Kg	☼	10/05/25 13:19	10/06/25 12:27	1
2-Chlorophenol	0.34	U	0.34	0.012	mg/Kg	☼	10/05/25 13:19	10/06/25 12:27	1
2-Methylnaphthalene	0.34	U	0.34	0.0096	mg/Kg	☼	10/05/25 13:19	10/06/25 12:27	1
2-Methylphenol	0.34	U	0.34	0.013	mg/Kg	☼	10/05/25 13:19	10/06/25 12:27	1
2-Nitroaniline	0.34	U	0.34	0.026	mg/Kg	☼	10/05/25 13:19	10/06/25 12:27	1
2-Nitrophenol	0.34	U	0.34	0.034	mg/Kg	☼	10/05/25 13:19	10/06/25 12:27	1
3 & 4 Methylphenol	0.34	U	0.34	0.021	mg/Kg	☼	10/05/25 13:19	10/06/25 12:27	1
3,3'-Dichlorobenzidine	0.14	U	0.14	0.052	mg/Kg	☼	10/05/25 13:19	10/06/25 12:27	1
3-Nitroaniline	0.34	U	0.34	0.081	mg/Kg	☼	10/05/25 13:19	10/06/25 12:27	1
4,6-Dinitro-2-methylphenol	0.27	U	0.27	0.14	mg/Kg	☼	10/05/25 13:19	10/06/25 12:27	1
4-Bromophenyl phenyl ether	0.34	U	0.34	0.014	mg/Kg	☼	10/05/25 13:19	10/06/25 12:27	1
4-Chloro-3-methylphenol	0.34	U	0.34	0.019	mg/Kg	☼	10/05/25 13:19	10/06/25 12:27	1
4-Chloroaniline	0.34	U	0.34	0.061	mg/Kg	☼	10/05/25 13:19	10/06/25 12:27	1
4-Chlorophenyl phenyl ether	0.34	U	0.34	0.012	mg/Kg	☼	10/05/25 13:19	10/06/25 12:27	1
4-Methylphenol	0.34	U	0.34	0.021	mg/Kg	☼	10/05/25 13:19	10/06/25 12:27	1
4-Nitroaniline	0.34	U	0.34	0.087	mg/Kg	☼	10/05/25 13:19	10/06/25 12:27	1
4-Nitrophenol	0.69	U	0.69	0.056	mg/Kg	☼	10/05/25 13:19	10/06/25 12:27	1
Acenaphthene	0.34	U	0.34	0.0097	mg/Kg	☼	10/05/25 13:19	10/06/25 12:27	1
Acenaphthylene	0.34	U	0.34	0.0098	mg/Kg	☼	10/05/25 13:19	10/06/25 12:27	1
Acetophenone	0.34	U	0.34	0.017	mg/Kg	☼	10/05/25 13:19	10/06/25 12:27	1
Anthracene	0.34	U	0.34	0.010	mg/Kg	☼	10/05/25 13:19	10/06/25 12:27	1
Atrazine	0.14	U *	0.14	0.020	mg/Kg	☼	10/05/25 13:19	10/06/25 12:27	1
Benzaldehyde	0.34	U *	0.34	0.057	mg/Kg	☼	10/05/25 13:19	10/06/25 12:27	1
Benzo[a]anthracene	0.034	U	0.034	0.026	mg/Kg	☼	10/05/25 13:19	10/06/25 12:27	1
Benzo[a]pyrene	0.034	U	0.034	0.0091	mg/Kg	☼	10/05/25 13:19	10/06/25 12:27	1
Benzo[b]fluoranthene	0.034	U	0.034	0.0088	mg/Kg	☼	10/05/25 13:19	10/06/25 12:27	1
Benzo[g,h,i]perylene	0.34	U	0.34	0.010	mg/Kg	☼	10/05/25 13:19	10/06/25 12:27	1
Benzo[k]fluoranthene	0.034	U	0.034	0.0067	mg/Kg	☼	10/05/25 13:19	10/06/25 12:27	1
Bis(2-chloroethoxy)methane	0.34	U	0.34	0.063	mg/Kg	☼	10/05/25 13:19	10/06/25 12:27	1
Bis(2-chloroethyl)ether	0.034	U	0.034	0.012	mg/Kg	☼	10/05/25 13:19	10/06/25 12:27	1
Bis(2-ethylhexyl) phthalate	0.34	U	0.34	0.018	mg/Kg	☼	10/05/25 13:19	10/06/25 12:27	1
Butyl benzyl phthalate	0.34	U	0.34	0.016	mg/Kg	☼	10/05/25 13:19	10/06/25 12:27	1
Caprolactam	0.34	U *	0.34	0.053	mg/Kg	☼	10/05/25 13:19	10/06/25 12:27	1
Carbazole	0.34	U	0.34	0.013	mg/Kg	☼	10/05/25 13:19	10/06/25 12:27	1
Chrysene	0.34	U	0.34	0.014	mg/Kg	☼	10/05/25 13:19	10/06/25 12:27	1
Dibenz(a,h)anthracene	0.034	U	0.034	0.015	mg/Kg	☼	10/05/25 13:19	10/06/25 12:27	1
Dibenzofuran	0.34	U	0.34	0.011	mg/Kg	☼	10/05/25 13:19	10/06/25 12:27	1

Client Sample ID: 6E_0-6

Date Collected: 10/02/25 08:10
Date Received: 10/02/25 16:00

Lab Sample ID: 460-336309-3

Matrix: Solid
Percent Solids: 96.5

Method: SW846 8270E - Semivolatile Organic Compounds (GC/MS) (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Diethyl phthalate	0.34	U	0.34	0.011	mg/Kg	☼	10/05/25 13:19	10/06/25 12:27	1
Dimethyl phthalate	0.34	U	0.34	0.078	mg/Kg	☼	10/05/25 13:19	10/06/25 12:27	1
Di-n-butyl phthalate	0.34	U	0.34	0.013	mg/Kg	☼	10/05/25 13:19	10/06/25 12:27	1
Di-n-octyl phthalate	0.34	U	0.34	0.018	mg/Kg	☼	10/05/25 13:19	10/06/25 12:27	1
Fluoranthene	0.34	U	0.34	0.012	mg/Kg	☼	10/05/25 13:19	10/06/25 12:27	1
Fluorene	0.34	U	0.34	0.010	mg/Kg	☼	10/05/25 13:19	10/06/25 12:27	1
Hexachlorobenzene	0.034	U	0.034	0.016	mg/Kg	☼	10/05/25 13:19	10/06/25 12:27	1
Hexachlorobutadiene	0.069	U	0.069	0.0073	mg/Kg	☼	10/05/25 13:19	10/06/25 12:27	1
Hexachlorocyclopentadiene	0.34	U	0.34	0.030	mg/Kg	☼	10/05/25 13:19	10/06/25 12:27	1
Hexachloroethane	0.034	U	0.034	0.012	mg/Kg	☼	10/05/25 13:19	10/06/25 12:27	1
Indeno[1,2,3-cd]pyrene	0.034	U	0.034	0.013	mg/Kg	☼	10/05/25 13:19	10/06/25 12:27	1
Isophorone	0.14	U	0.14	0.099	mg/Kg	☼	10/05/25 13:19	10/06/25 12:27	1
Naphthalene	0.34	U	0.34	0.0059	mg/Kg	☼	10/05/25 13:19	10/06/25 12:27	1
Nitrobenzene	0.034	U	0.034	0.019	mg/Kg	☼	10/05/25 13:19	10/06/25 12:27	1
N-Nitrosodi-n-propylamine	0.034	U	0.034	0.025	mg/Kg	☼	10/05/25 13:19	10/06/25 12:27	1
N-Nitrosodiphenylamine	0.34	U	0.34	0.028	mg/Kg	☼	10/05/25 13:19	10/06/25 12:27	1
Pentachlorophenol	0.27	U	0.27	0.070	mg/Kg	☼	10/05/25 13:19	10/06/25 12:27	1
Phenanthrene	0.34	U	0.34	0.014	mg/Kg	☼	10/05/25 13:19	10/06/25 12:27	1
Phenol	0.34	U	0.34	0.013	mg/Kg	☼	10/05/25 13:19	10/06/25 12:27	1
Pyrene	0.34	U	0.34	0.0085	mg/Kg	☼	10/05/25 13:19	10/06/25 12:27	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
2,4,6-Tribromophenol (Surr)	*79*		*18 - 137*	*10/05/25 13:19*	*10/06/25 12:27*	*1*
2-Fluorobiphenyl	*79*		*33 - 117*	*10/05/25 13:19*	*10/06/25 12:27*	*1*
2-Fluorophenol (Surr)	*84*		*24 - 120*	*10/05/25 13:19*	*10/06/25 12:27*	*1*
Nitrobenzene-d5 (Surr)	*84*		*27 - 120*	*10/05/25 13:19*	*10/06/25 12:27*	*1*
Phenol-d5 (Surr)	*82*		*28 - 118*	*10/05/25 13:19*	*10/06/25 12:27*	*1*
Terphenyl-d14 (Surr)	*94*		*33 - 124*	*10/05/25 13:19*	*10/06/25 12:27*	*1*

Method: SW846 8081B - Organochlorine Pesticides (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
4,4'-DDD	0.0069	U	0.0069	0.0012	mg/Kg	☼	10/05/25 16:16	10/06/25 10:25	1
4,4'-DDE	0.0069	U	0.0069	0.00082	mg/Kg	☼	10/05/25 16:16	10/06/25 10:25	1
4,4'-DDT	0.0069	U	0.0069	0.0013	mg/Kg	☼	10/05/25 16:16	10/06/25 10:25	1
Aldrin	0.0069	U	0.0069	0.0010	mg/Kg	☼	10/05/25 16:16	10/06/25 10:25	1
alpha-BHC	0.0021	U	0.0021	0.00070	mg/Kg	☼	10/05/25 16:16	10/06/25 10:25	1
beta-BHC	0.0021	U	0.0021	0.00078	mg/Kg	☼	10/05/25 16:16	10/06/25 10:25	1
Chlordane (technical)	0.069	U	0.069	0.017	mg/Kg	☼	10/05/25 16:16	10/06/25 10:25	1
cis-Chlordane	0.0069	U	0.0069	0.0011	mg/Kg	☼	10/05/25 16:16	10/06/25 10:25	1
delta-BHC	0.0021	U	0.0021	0.00042	mg/Kg	☼	10/05/25 16:16	10/06/25 10:25	1
Dieldrin	0.0021	U	0.0021	0.00090	mg/Kg	☼	10/05/25 16:16	10/06/25 10:25	1
Endosulfan I	0.0069	U	0.0069	0.0011	mg/Kg	☼	10/05/25 16:16	10/06/25 10:25	1
Endosulfan II	0.0069	U	0.0069	0.0018	mg/Kg	☼	10/05/25 16:16	10/06/25 10:25	1
Endosulfan sulfate	0.0069	U	0.0069	0.00087	mg/Kg	☼	10/05/25 16:16	10/06/25 10:25	1
Endrin	0.0069	U	0.0069	0.00099	mg/Kg	☼	10/05/25 16:16	10/06/25 10:25	1
Endrin aldehyde	0.0069	U	0.0069	0.0016	mg/Kg	☼	10/05/25 16:16	10/06/25 10:25	1
Endrin ketone	0.0069	U	0.0069	0.0013	mg/Kg	☼	10/05/25 16:16	10/06/25 10:25	1
gamma-BHC (Lindane)	0.0021	U	0.0021	0.00064	mg/Kg	☼	10/05/25 16:16	10/06/25 10:25	1
Heptachlor	0.0069	U	0.0069	0.00082	mg/Kg	☼	10/05/25 16:16	10/06/25 10:25	1
Heptachlor epoxide	0.0069	U	0.0069	0.0010	mg/Kg	☼	10/05/25 16:16	10/06/25 10:25	1

Client Sample ID: 6E_0-6
Date Collected: 10/02/25 08:10
Date Received: 10/02/25 16:00

Lab Sample ID: 460-336309-3
Matrix: Solid
Percent Solids: 96.5

Method: SW846 8081B - Organochlorine Pesticides (GC) (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Methoxychlor	0.0069	U	0.0069	0.0016	mg/Kg	☼	10/05/25 16:16	10/06/25 10:25	1
Toxaphene	0.069	U	0.069	0.025	mg/Kg	☼	10/05/25 16:16	10/06/25 10:25	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
DCB Decachlorobiphenyl	*116*		*10 - 150*	*10/05/25 16:16*	*10/06/25 10:25*	*1*
DCB Decachlorobiphenyl	*139*		*10 - 150*	*10/05/25 16:16*	*10/06/25 10:25*	*1*
Tetrachloro-m-xylene	*110*		*14 - 150*	*10/05/25 16:16*	*10/06/25 10:25*	*1*
Tetrachloro-m-xylene	*109*		*14 - 150*	*10/05/25 16:16*	*10/06/25 10:25*	*1*

Method: SW846 8082A - Polychlorinated Biphenyls (PCBs) by Gas Chromatography

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Aroclor 1016	0.069	U	0.069	0.018	mg/Kg	☼	10/05/25 15:56	10/06/25 20:12	1
Aroclor 1221	0.069	U	0.069	0.018	mg/Kg	☼	10/05/25 15:56	10/06/25 20:12	1
Aroclor 1232	0.069	U	0.069	0.018	mg/Kg	☼	10/05/25 15:56	10/06/25 20:12	1
Aroclor 1242	0.069	U	0.069	0.018	mg/Kg	☼	10/05/25 15:56	10/06/25 20:12	1
Aroclor 1248	0.069	U	0.069	0.018	mg/Kg	☼	10/05/25 15:56	10/06/25 20:12	1
Aroclor 1254	0.069	U	0.069	0.018	mg/Kg	☼	10/05/25 15:56	10/06/25 20:12	1
Aroclor 1260	0.069	U	0.069	0.018	mg/Kg	☼	10/05/25 15:56	10/06/25 20:12	1
Aroclor-1262	0.069	U	0.069	0.018	mg/Kg	☼	10/05/25 15:56	10/06/25 20:12	1
Aroclor 1268	0.069	U	0.069	0.018	mg/Kg	☼	10/05/25 15:56	10/06/25 20:12	1
Polychlorinated biphenyls, Total	0.069	U	0.069	0.018	mg/Kg	☼	10/05/25 15:56	10/06/25 20:12	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
DCB Decachlorobiphenyl	*119*		*10 - 150*	*10/05/25 15:56*	*10/06/25 20:12*	*1*
DCB Decachlorobiphenyl	*119*		*10 - 150*	*10/05/25 15:56*	*10/06/25 20:12*	*1*
Tetrachloro-m-xylene	*102*		*10 - 150*	*10/05/25 15:56*	*10/06/25 20:12*	*1*
Tetrachloro-m-xylene	*114*		*10 - 150*	*10/05/25 15:56*	*10/06/25 20:12*	*1*

Method: EPA 1633A - Per- and Polyfluoroalkyl Substances by LC/MS/MS, 1633A

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Perfluorobutanoic acid (PFBA)	0.39	U	0.39	0.097	ug/Kg	☼	10/09/25 14:17	10/10/25 12:42	1
Perfluoropentanoic acid (PFPeA)	0.19	U	0.19	0.097	ug/Kg	☼	10/09/25 14:17	10/10/25 12:42	1
Perfluorohexanoic acid (PFHxA)	0.19	U	0.19	0.097	ug/Kg	☼	10/09/25 14:17	10/10/25 12:42	1
Perfluoroheptanoic acid (PFHpA)	0.19	U	0.19	0.097	ug/Kg	☼	10/09/25 14:17	10/10/25 12:42	1
Perfluorooctanoic acid (PFOA)	0.19	U	0.19	0.058	ug/Kg	☼	10/09/25 14:17	10/10/25 12:42	1
Perfluorononanoic acid (PFNA)	**0.24**		0.19	0.097	ug/Kg	☼	10/09/25 14:17	10/10/25 12:42	1
Perfluorodecanoic acid (PFDA)	**0.13**	**J**	0.19	0.058	ug/Kg	☼	10/09/25 14:17	10/10/25 12:42	1
Perfluoroundecanoic acid (PFUnA)	**4.69**		0.19	0.097	ug/Kg	☼	10/09/25 14:17	10/10/25 12:42	1
Perfluorododecanoic acid (PFDoA)	**0.11**	**J**	0.19	0.097	ug/Kg	☼	10/09/25 14:17	10/10/25 12:42	1
Perfluorotridecanoic acid (PFTrDA)	**1.95**		0.19	0.097	ug/Kg	☼	10/09/25 14:17	10/10/25 12:42	1
Perfluorotetradecanoic acid (PFTeDA)	0.19	U	0.19	0.097	ug/Kg	☼	10/09/25 14:17	10/10/25 12:42	1
Perfluorobutanesulfonic acid (PFBS)	0.19	U	0.19	0.097	ug/Kg	☼	10/09/25 14:17	10/10/25 12:42	1
Perfluoropentanesulfonic acid (PFPeS)	0.19	U	0.19	0.097	ug/Kg	☼	10/09/25 14:17	10/10/25 12:42	1
Perfluorohexanesulfonic acid (PFHxS)	0.19	U	0.19	0.097	ug/Kg	☼	10/09/25 14:17	10/10/25 12:42	1
Perfluoroheptanesulfonic acid (PFHpS)	0.19	U	0.19	0.097	ug/Kg	☼	10/09/25 14:17	10/10/25 12:42	1
Perfluorooctanesulfonic acid (PFOS)	0.19	U	0.19	0.097	ug/Kg	☼	10/09/25 14:17	10/10/25 12:42	1
Perfluorononanesulfonic acid (PFNS)	0.19	U	0.19	0.097	ug/Kg	☼	10/09/25 14:17	10/10/25 12:42	1

Client Sample ID: 6E_0-6
Date Collected: 10/02/25 08:10
Date Received: 10/02/25 16:00

Lab Sample ID: 460-336309-3
Matrix: Solid
Percent Solids: 96.5

Method: EPA 1633A - Per- and Polyfluoroalkyl Substances by LC/MS/MS, 1633A (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Perfluorodecanesulfonic acid (PFDS)	0.19	U	0.19	0.097	ug/Kg	☼	10/09/25 14:17	10/10/25 12:42	1
Perfluorododecanesulfonic acid (PFDoS)	0.19	U	0.19	0.097	ug/Kg	☼	10/09/25 14:17	10/10/25 12:42	1
1H,1H,2H,2H-Perfluorohexane sulfonic acid (4:2 FTS)	0.39	U	0.39	0.19	ug/Kg	☼	10/09/25 14:17	10/10/25 12:42	1
1H,1H,2H,2H-Perfluorooctane sulfonic acid (6:2 FTS)	0.39	U	0.39	0.19	ug/Kg	☼	10/09/25 14:17	10/10/25 12:42	1
1H,1H,2H,2H-Perfluorodecane sulfonic acid (8:2 FTS)	0.39	U	0.39	0.19	ug/Kg	☼	10/09/25 14:17	10/10/25 12:42	1
Perfluorooctanesulfonamide (PFOSA)	0.19	U	0.19	0.097	ug/Kg	☼	10/09/25 14:17	10/10/25 12:42	1
N-methylperfluorooctane sulfonamide (NMeFOSA)	0.19	U	0.19	0.097	ug/Kg	☼	10/09/25 14:17	10/10/25 12:42	1
N-ethylperfluorooctane sulfonamide (NEtFOSA)	0.19	U	0.19	0.097	ug/Kg	☼	10/09/25 14:17	10/10/25 12:42	1
N-methylperfluorooctanesulfonamidoacetic acid (NMeFOSAA)	0.19	U	0.19	0.097	ug/Kg	☼	10/09/25 14:17	10/10/25 12:42	1
N-ethylperfluorooctanesulfonamidoacetic acid (NEtFOSAA)	0.19	U	0.19	0.097	ug/Kg	☼	10/09/25 14:17	10/10/25 12:42	1
N-methylperfluorooctane sulfonamidoethanol (NMeFOSE)	0.97	U	0.97	0.49	ug/Kg	☼	10/09/25 14:17	10/10/25 12:42	1
N-ethylperfluorooctane sulfonamidoethanol (NEtFOSE)	0.97	U	0.97	0.49	ug/Kg	☼	10/09/25 14:17	10/10/25 12:42	1
Hexafluoropropylene Oxide Dimer Acid (HFPO-DA)	0.19	U	0.19	0.097	ug/Kg	☼	10/09/25 14:17	10/10/25 12:42	1
4,8-Dioxa-3H-perfluorononanoic acid (ADONA)	0.19	U	0.19	0.097	ug/Kg	☼	10/09/25 14:17	10/10/25 12:42	1
Perfluoro-3-methoxypropanoic acid (PFMPA)	0.19	U	0.19	0.097	ug/Kg	☼	10/09/25 14:17	10/10/25 12:42	1
Perfluoro-4-methoxybutanoic acid (PFMBA)	0.19	U	0.19	0.097	ug/Kg	☼	10/09/25 14:17	10/10/25 12:42	1
Nonafluoro-3,6-dioxaheptanoic acid (NFDHA)	0.19	U	0.19	0.097	ug/Kg	☼	10/09/25 14:17	10/10/25 12:42	1
9-Chlorohexadecafluoro-3-oxanonane-1-sulfonic acid (9Cl-PF3ONS)	0.19	U	0.19	0.097	ug/Kg	☼	10/09/25 14:17	10/10/25 12:42	1
11-Chloroeicosafluoro-3-oxaundecane-1-sulfonic acid (11Cl-PF3OUdS)	0.19	U	0.19	0.097	ug/Kg	☼	10/09/25 14:17	10/10/25 12:42	1
Perfluoro (2-ethoxyethane) sulfonic acid (PFEESA)	0.19	U	0.19	0.097	ug/Kg	☼	10/09/25 14:17	10/10/25 12:42	1
3-Perfluoropropylpropanoic acid (3:3 FTCA)	0.39	U	0.39	0.19	ug/Kg	☼	10/09/25 14:17	10/10/25 12:42	1
3-Perfluoropentylpropanoic acid (5:3 FTCA)	0.97	U	0.97	0.49	ug/Kg	☼	10/09/25 14:17	10/10/25 12:42	1
3-Perfluoroheptylpropanoic acid (7:3 FTCA)	0.97	U	0.97	0.49	ug/Kg	☼	10/09/25 14:17	10/10/25 12:42	1

Isotope Dilution	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
13C4 PFBA	*70.0*		*8 - 130*	*10/09/25 14:17*	*10/10/25 12:42*	*1*
13C5 PFPeA	*67.3*		*35 - 130*	*10/09/25 14:17*	*10/10/25 12:42*	*1*
13C5 PFHxA	*71.9*		*40 - 130*	*10/09/25 14:17*	*10/10/25 12:42*	*1*
13C4 PFHpA	*71.5*		*40 - 130*	*10/09/25 14:17*	*10/10/25 12:42*	*1*
13C8 PFOA	*73.5*		*40 - 130*	*10/09/25 14:17*	*10/10/25 12:42*	*1*
13C9 PFNA	*73.8*		*40 - 130*	*10/09/25 14:17*	*10/10/25 12:42*	*1*
13C6 PFDA	*70.4*		*40 - 130*	*10/09/25 14:17*	*10/10/25 12:42*	*1*
13C7 PFUnA	*69.9*		*40 - 130*	*10/09/25 14:17*	*10/10/25 12:42*	*1*
13C2 PFTeDA	*39.7*		*20 - 130*	*10/09/25 14:17*	*10/10/25 12:42*	*1*

Client Sample ID: 6E_0-6
Date Collected: 10/02/25 08:10
Date Received: 10/02/25 16:00

Lab Sample ID: 460-336309-3
Matrix: Solid
Percent Solids: 96.5

Method: EPA 1633A - Per- and Polyfluoroalkyl Substances by LC/MS/MS, 1633A (Continued)

Isotope Dilution	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
13C3 PFBS	62.6		40 - 135	10/09/25 14:17	10/10/25 12:42	1
13C3 PFHxS	66.9		40 - 130	10/09/25 14:17	10/10/25 12:42	1
13C8 PFOS	66.9		40 - 130	10/09/25 14:17	10/10/25 12:42	1
13C8 FOSA	71.6		40 - 130	10/09/25 14:17	10/10/25 12:42	1
d3-NMeFOSAA	56.7		40 - 135	10/09/25 14:17	10/10/25 12:42	1
d5-NEtFOSAA	63.6		40 - 150	10/09/25 14:17	10/10/25 12:42	1
13C2 4:2 FTS	72.5		40 - 165	10/09/25 14:17	10/10/25 12:42	1
13C2 6:2 FTS	68.2		40 - 215	10/09/25 14:17	10/10/25 12:42	1
13C2 8:2 FTS	60.8		40 - 275	10/09/25 14:17	10/10/25 12:42	1
13C3 HFPO-DA	70.6		40 - 130	10/09/25 14:17	10/10/25 12:42	1
d7-N-MeFOSE-M	45.8		20 - 130	10/09/25 14:17	10/10/25 12:42	1
d9-N-EtFOSE-M	43.5		15 - 130	10/09/25 14:17	10/10/25 12:42	1
d5-NEtPFOSA	54.4		10 - 130	10/09/25 14:17	10/10/25 12:42	1
d3-NMePFOSA	63.6		10 - 130	10/09/25 14:17	10/10/25 12:42	1
13C2 PFDoA	57.7		40 - 130	10/09/25 14:17	10/10/25 12:42	1

Method: SW846 6020B - Metals (ICP/MS)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Aluminum	7060		18.5	5.1	mg/Kg	☼	10/08/25 06:57	10/08/25 15:25	1
Antimony	0.54	J	0.92	0.14	mg/Kg	☼	10/08/25 06:57	10/08/25 15:25	1
Arsenic	5.7		0.92	0.095	mg/Kg	☼	10/08/25 06:57	10/08/25 15:25	1
Barium	54.5		1.8	0.13	mg/Kg	☼	10/08/25 06:57	10/08/25 15:25	1
Beryllium	1.0		0.37	0.020	mg/Kg	☼	10/08/25 06:57	10/08/25 15:25	1
Cadmium	0.19	J	0.92	0.10	mg/Kg	☼	10/08/25 06:57	10/08/25 15:25	1
Calcium	5850		92.5	9.0	mg/Kg	☼	10/08/25 06:57	10/08/25 15:25	1
Chromium	30.9		1.8	0.27	mg/Kg	☼	10/08/25 06:57	10/08/25 15:25	1
Cobalt	10.6		0.92	0.14	mg/Kg	☼	10/08/25 06:57	10/08/25 15:25	1
Copper	66.7		1.8	0.34	mg/Kg	☼	10/08/25 06:57	10/08/25 15:25	1
Iron	18000		55.5	7.1	mg/Kg	☼	10/08/25 06:57	10/08/25 15:25	1
Lead	74.7		0.55	0.18	mg/Kg	☼	10/08/25 06:57	10/08/25 15:25	1
Magnesium	5140		92.5	9.4	mg/Kg	☼	10/08/25 06:57	10/08/25 15:25	1
Manganese	287		3.7	0.37	mg/Kg	☼	10/08/25 06:57	10/08/25 15:25	1
Nickel	32.0		1.8	0.16	mg/Kg	☼	10/08/25 06:57	10/08/25 15:25	1
Potassium	947		92.5	15.0	mg/Kg	☼	10/08/25 06:57	10/08/25 15:25	1
Selenium	0.30	J	1.2	0.12	mg/Kg	☼	10/08/25 06:57	10/08/25 15:25	1
Silver	0.16	J	0.37	0.082	mg/Kg	☼	10/08/25 06:57	10/08/25 15:25	1
Sodium	96.6		92.5	42.3	mg/Kg	☼	10/08/25 06:57	10/08/25 15:25	1
Thallium	0.085	J	0.37	0.038	mg/Kg	☼	10/08/25 06:57	10/08/25 15:25	1
Vanadium	21.3		1.8	0.19	mg/Kg	☼	10/08/25 06:57	10/08/25 15:25	1
Zinc	162		7.4	1.0	mg/Kg	☼	10/08/25 06:57	10/08/25 15:25	1

Method: SW846 7471B - Mercury (CVAA)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	0.029		0.018	0.0083	mg/Kg	☼	10/09/25 01:54	10/09/25 08:22	1

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Percent Moisture (EPA Moisture)	3.5		1.0	1.0	%			10/07/25 16:17	1
Percent Solids (EPA Moisture)	96.5		1.0	1.0	%			10/07/25 16:17	1

Client Sample ID: 6E_6-12
Date Collected: 10/02/25 08:15
Date Received: 10/02/25 16:00

Lab Sample ID: 460-336309-4
Matrix: Solid
Percent Solids: 96.1

Method: SW846 8270E - Semivolatile Organic Compounds (GC/MS)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1'-Biphenyl	0.34	U	0.34	0.012	mg/Kg	☼	10/05/25 13:19	10/06/25 12:49	1
1,2,4,5-Tetrachlorobenzene	0.34	U	0.34	0.011	mg/Kg	☼	10/05/25 13:19	10/06/25 12:49	1
1,4-Dioxane	0.034	U	0.034	0.030	mg/Kg	☼	10/05/25 13:19	10/06/25 12:49	1
2,2'-oxybis[1-chloropropane]	0.34	U	0.34	0.021	mg/Kg	☼	10/05/25 13:19	10/06/25 12:49	1
2,3,4,6-Tetrachlorophenol	0.34	U	0.34	0.023	mg/Kg	☼	10/05/25 13:19	10/06/25 12:49	1
2,4,5-Trichlorophenol	0.34	U	0.34	0.035	mg/Kg	☼	10/05/25 13:19	10/06/25 12:49	1
2,4,6-Trichlorophenol	0.14	U	0.14	0.044	mg/Kg	☼	10/05/25 13:19	10/06/25 12:49	1
2,4-Dichlorophenol	0.14	U	0.14	0.022	mg/Kg	☼	10/05/25 13:19	10/06/25 12:49	1
2,4-Dimethylphenol	0.34	U	0.34	0.041	mg/Kg	☼	10/05/25 13:19	10/06/25 12:49	1
2,4-Dinitrophenol	0.28	U	0.28	0.17	mg/Kg	☼	10/05/25 13:19	10/06/25 12:49	1
2,4-Dinitrotoluene	0.070	U	0.070	0.037	mg/Kg	☼	10/05/25 13:19	10/06/25 12:49	1
2,6-Dinitrotoluene	0.070	U	0.070	0.025	mg/Kg	☼	10/05/25 13:19	10/06/25 12:49	1
2-Chloronaphthalene	0.34	U	0.34	0.044	mg/Kg	☼	10/05/25 13:19	10/06/25 12:49	1
2-Chlorophenol	0.34	U	0.34	0.012	mg/Kg	☼	10/05/25 13:19	10/06/25 12:49	1
2-Methylnaphthalene	0.34	U	0.34	0.0096	mg/Kg	☼	10/05/25 13:19	10/06/25 12:49	1
2-Methylphenol	0.34	U	0.34	0.013	mg/Kg	☼	10/05/25 13:19	10/06/25 12:49	1
2-Nitroaniline	0.34	U	0.34	0.026	mg/Kg	☼	10/05/25 13:19	10/06/25 12:49	1
2-Nitrophenol	0.34	U	0.34	0.034	mg/Kg	☼	10/05/25 13:19	10/06/25 12:49	1
3 & 4 Methylphenol	0.34	U	0.34	0.021	mg/Kg	☼	10/05/25 13:19	10/06/25 12:49	1
3,3'-Dichlorobenzidine	0.14	U	0.14	0.052	mg/Kg	☼	10/05/25 13:19	10/06/25 12:49	1
3-Nitroaniline	0.34	U	0.34	0.082	mg/Kg	☼	10/05/25 13:19	10/06/25 12:49	1
4,6-Dinitro-2-methylphenol	0.28	U	0.28	0.14	mg/Kg	☼	10/05/25 13:19	10/06/25 12:49	1
4-Bromophenyl phenyl ether	0.34	U	0.34	0.014	mg/Kg	☼	10/05/25 13:19	10/06/25 12:49	1
4-Chloro-3-methylphenol	0.34	U	0.34	0.019	mg/Kg	☼	10/05/25 13:19	10/06/25 12:49	1
4-Chloroaniline	0.34	U	0.34	0.061	mg/Kg	☼	10/05/25 13:19	10/06/25 12:49	1
4-Chlorophenyl phenyl ether	0.34	U	0.34	0.012	mg/Kg	☼	10/05/25 13:19	10/06/25 12:49	1
4-Methylphenol	0.34	U	0.34	0.022	mg/Kg	☼	10/05/25 13:19	10/06/25 12:49	1
4-Nitroaniline	0.34	U	0.34	0.087	mg/Kg	☼	10/05/25 13:19	10/06/25 12:49	1
4-Nitrophenol	0.70	U	0.70	0.056	mg/Kg	☼	10/05/25 13:19	10/06/25 12:49	1
Acenaphthene	0.34	U	0.34	0.0098	mg/Kg	☼	10/05/25 13:19	10/06/25 12:49	1
Acenaphthylene	0.34	U	0.34	0.0098	mg/Kg	☼	10/05/25 13:19	10/06/25 12:49	1
Acetophenone	0.34	U	0.34	0.017	mg/Kg	☼	10/05/25 13:19	10/06/25 12:49	1
Anthracene	0.34	U	0.34	0.010	mg/Kg	☼	10/05/25 13:19	10/06/25 12:49	1
Atrazine	0.14	U *	0.14	0.020	mg/Kg	☼	10/05/25 13:19	10/06/25 12:49	1
Benzaldehyde	0.34	U *	0.34	0.057	mg/Kg	☼	10/05/25 13:19	10/06/25 12:49	1
Benzo[a]anthracene	0.034	U	0.034	0.026	mg/Kg	☼	10/05/25 13:19	10/06/25 12:49	1
Benzo[a]pyrene	0.034	U	0.034	0.0092	mg/Kg	☼	10/05/25 13:19	10/06/25 12:49	1
Benzo[b]fluoranthene	0.034	U	0.034	0.0089	mg/Kg	☼	10/05/25 13:19	10/06/25 12:49	1
Benzo[g,h,i]perylene	0.34	U	0.34	0.010	mg/Kg	☼	10/05/25 13:19	10/06/25 12:49	1
Benzo[k]fluoranthene	0.034	U	0.034	0.0068	mg/Kg	☼	10/05/25 13:19	10/06/25 12:49	1
Bis(2-chloroethoxy)methane	0.34	U	0.34	0.064	mg/Kg	☼	10/05/25 13:19	10/06/25 12:49	1
Bis(2-chloroethyl)ether	0.034	U	0.034	0.012	mg/Kg	☼	10/05/25 13:19	10/06/25 12:49	1
Bis(2-ethylhexyl) phthalate	0.34	U	0.34	0.018	mg/Kg	☼	10/05/25 13:19	10/06/25 12:49	1
Butyl benzyl phthalate	0.34	U	0.34	0.016	mg/Kg	☼	10/05/25 13:19	10/06/25 12:49	1
Caprolactam	0.34	U *	0.34	0.054	mg/Kg	☼	10/05/25 13:19	10/06/25 12:49	1
Carbazole	0.34	U	0.34	0.013	mg/Kg	☼	10/05/25 13:19	10/06/25 12:49	1
Chrysene	0.34	U	0.34	0.014	mg/Kg	☼	10/05/25 13:19	10/06/25 12:49	1
Dibenz(a,h)anthracene	0.034	U	0.034	0.015	mg/Kg	☼	10/05/25 13:19	10/06/25 12:49	1
Dibenzofuran	0.34	U	0.34	0.011	mg/Kg	☼	10/05/25 13:19	10/06/25 12:49	1

Client Sample ID: 6E_6-12
Date Collected: 10/02/25 08:15
Date Received: 10/02/25 16:00

Lab Sample ID: 460-336309-4
Matrix: Solid
Percent Solids: 96.1

Method: SW846 8270E - Semivolatile Organic Compounds (GC/MS) (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Diethyl phthalate	0.34	U	0.34	0.011	mg/Kg	☼	10/05/25 13:19	10/06/25 12:49	1
Dimethyl phthalate	0.34	U	0.34	0.078	mg/Kg	☼	10/05/25 13:19	10/06/25 12:49	1
Di-n-butyl phthalate	0.34	U	0.34	0.013	mg/Kg	☼	10/05/25 13:19	10/06/25 12:49	1
Di-n-octyl phthalate	0.34	U	0.34	0.018	mg/Kg	☼	10/05/25 13:19	10/06/25 12:49	1
Fluoranthene	0.34	U	0.34	0.012	mg/Kg	☼	10/05/25 13:19	10/06/25 12:49	1
Fluorene	0.34	U	0.34	0.010	mg/Kg	☼	10/05/25 13:19	10/06/25 12:49	1
Hexachlorobenzene	0.034	U	0.034	0.016	mg/Kg	☼	10/05/25 13:19	10/06/25 12:49	1
Hexachlorobutadiene	0.070	U	0.070	0.0073	mg/Kg	☼	10/05/25 13:19	10/06/25 12:49	1
Hexachlorocyclopentadiene	0.34	U	0.34	0.030	mg/Kg	☼	10/05/25 13:19	10/06/25 12:49	1
Hexachloroethane	0.034	U	0.034	0.012	mg/Kg	☼	10/05/25 13:19	10/06/25 12:49	1
Indeno[1,2,3-cd]pyrene	0.034	U	0.034	0.013	mg/Kg	☼	10/05/25 13:19	10/06/25 12:49	1
Isophorone	0.14	U	0.14	0.10	mg/Kg	☼	10/05/25 13:19	10/06/25 12:49	1
Naphthalene	0.34	U	0.34	0.0060	mg/Kg	☼	10/05/25 13:19	10/06/25 12:49	1
Nitrobenzene	0.034	U	0.034	0.019	mg/Kg	☼	10/05/25 13:19	10/06/25 12:49	1
N-Nitrosodi-n-propylamine	0.034	U	0.034	0.025	mg/Kg	☼	10/05/25 13:19	10/06/25 12:49	1
N-Nitrosodiphenylamine	0.34	U	0.34	0.028	mg/Kg	☼	10/05/25 13:19	10/06/25 12:49	1
Pentachlorophenol	0.28	U	0.28	0.071	mg/Kg	☼	10/05/25 13:19	10/06/25 12:49	1
Phenanthrene	0.34	U	0.34	0.014	mg/Kg	☼	10/05/25 13:19	10/06/25 12:49	1
Phenol	0.34	U	0.34	0.013	mg/Kg	☼	10/05/25 13:19	10/06/25 12:49	1
Pyrene	0.34	U	0.34	0.0086	mg/Kg	☼	10/05/25 13:19	10/06/25 12:49	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
2,4,6-Tribromophenol (Surr)	*83*		*18 - 137*	*10/05/25 13:19*	*10/06/25 12:49*	*1*
2-Fluorobiphenyl	*84*		*33 - 117*	*10/05/25 13:19*	*10/06/25 12:49*	*1*
2-Fluorophenol (Surr)	*86*		*24 - 120*	*10/05/25 13:19*	*10/06/25 12:49*	*1*
Nitrobenzene-d5 (Surr)	*87*		*27 - 120*	*10/05/25 13:19*	*10/06/25 12:49*	*1*
Phenol-d5 (Surr)	*86*		*28 - 118*	*10/05/25 13:19*	*10/06/25 12:49*	*1*
Terphenyl-d14 (Surr)	*96*		*33 - 124*	*10/05/25 13:19*	*10/06/25 12:49*	*1*

Method: SW846 8081B - Organochlorine Pesticides (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
4,4'-DDD	0.0070	U	0.0070	0.0012	mg/Kg	☼	10/05/25 16:16	10/06/25 10:38	1
4,4'-DDE	0.0070	U	0.0070	0.00082	mg/Kg	☼	10/05/25 16:16	10/06/25 10:38	1
4,4'-DDT	0.0070	U	0.0070	0.0013	mg/Kg	☼	10/05/25 16:16	10/06/25 10:38	1
Aldrin	0.0070	U	0.0070	0.0011	mg/Kg	☼	10/05/25 16:16	10/06/25 10:38	1
alpha-BHC	0.0021	U	0.0021	0.00071	mg/Kg	☼	10/05/25 16:16	10/06/25 10:38	1
beta-BHC	0.0021	U	0.0021	0.00078	mg/Kg	☼	10/05/25 16:16	10/06/25 10:38	1
Chlordane (technical)	0.070	U	0.070	0.017	mg/Kg	☼	10/05/25 16:16	10/06/25 10:38	1
cis-Chlordane	0.0070	U	0.0070	0.0011	mg/Kg	☼	10/05/25 16:16	10/06/25 10:38	1
delta-BHC	0.0021	U	0.0021	0.00043	mg/Kg	☼	10/05/25 16:16	10/06/25 10:38	1
Dieldrin	0.0021	U	0.0021	0.00091	mg/Kg	☼	10/05/25 16:16	10/06/25 10:38	1
Endosulfan I	0.0070	U	0.0070	0.0011	mg/Kg	☼	10/05/25 16:16	10/06/25 10:38	1
Endosulfan II	0.0070	U	0.0070	0.0018	mg/Kg	☼	10/05/25 16:16	10/06/25 10:38	1
Endosulfan sulfate	0.0070	U	0.0070	0.00087	mg/Kg	☼	10/05/25 16:16	10/06/25 10:38	1
Endrin	0.0070	U	0.0070	0.0010	mg/Kg	☼	10/05/25 16:16	10/06/25 10:38	1
Endrin aldehyde	0.0070	U	0.0070	0.0016	mg/Kg	☼	10/05/25 16:16	10/06/25 10:38	1
Endrin ketone	0.0070	U	0.0070	0.0014	mg/Kg	☼	10/05/25 16:16	10/06/25 10:38	1
gamma-BHC (Lindane)	0.0021	U	0.0021	0.00065	mg/Kg	☼	10/05/25 16:16	10/06/25 10:38	1
Heptachlor	0.0070	U	0.0070	0.00082	mg/Kg	☼	10/05/25 16:16	10/06/25 10:38	1
Heptachlor epoxide	0.0070	U	0.0070	0.0010	mg/Kg	☼	10/05/25 16:16	10/06/25 10:38	1

Client Sample ID: 6E_6-12
Date Collected: 10/02/25 08:15
Date Received: 10/02/25 16:00

Lab Sample ID: 460-336309-4
Matrix: Solid
Percent Solids: 96.1

Method: SW846 8081B - Organochlorine Pesticides (GC) (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Methoxychlor	0.0070	U	0.0070	0.0016	mg/Kg	☼	10/05/25 16:16	10/06/25 10:38	1
Toxaphene	0.070	U	0.070	0.025	mg/Kg	☼	10/05/25 16:16	10/06/25 10:38	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
DCB Decachlorobiphenyl	*99*		*10 - 150*	*10/05/25 16:16*	*10/06/25 10:38*	*1*
DCB Decachlorobiphenyl	*128*		*10 - 150*	*10/05/25 16:16*	*10/06/25 10:38*	*1*
Tetrachloro-m-xylene	*102*		*14 - 150*	*10/05/25 16:16*	*10/06/25 10:38*	*1*
Tetrachloro-m-xylene	*102*		*14 - 150*	*10/05/25 16:16*	*10/06/25 10:38*	*1*

Method: SW846 8082A - Polychlorinated Biphenyls (PCBs) by Gas Chromatography

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Aroclor 1016	0.070	U	0.070	0.019	mg/Kg	☼	10/05/25 15:56	10/06/25 20:29	1
Aroclor 1221	0.070	U	0.070	0.019	mg/Kg	☼	10/05/25 15:56	10/06/25 20:29	1
Aroclor 1232	0.070	U	0.070	0.019	mg/Kg	☼	10/05/25 15:56	10/06/25 20:29	1
Aroclor 1242	0.070	U	0.070	0.019	mg/Kg	☼	10/05/25 15:56	10/06/25 20:29	1
Aroclor 1248	0.070	U	0.070	0.019	mg/Kg	☼	10/05/25 15:56	10/06/25 20:29	1
Aroclor 1254	0.070	U	0.070	0.019	mg/Kg	☼	10/05/25 15:56	10/06/25 20:29	1
Aroclor 1260	0.070	U	0.070	0.019	mg/Kg	☼	10/05/25 15:56	10/06/25 20:29	1
Aroclor-1262	0.070	U	0.070	0.019	mg/Kg	☼	10/05/25 15:56	10/06/25 20:29	1
Aroclor 1268	0.070	U	0.070	0.019	mg/Kg	☼	10/05/25 15:56	10/06/25 20:29	1
Polychlorinated biphenyls, Total	0.070	U	0.070	0.019	mg/Kg	☼	10/05/25 15:56	10/06/25 20:29	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
DCB Decachlorobiphenyl	*115*		*10 - 150*	*10/05/25 15:56*	*10/06/25 20:29*	*1*
DCB Decachlorobiphenyl	*116*		*10 - 150*	*10/05/25 15:56*	*10/06/25 20:29*	*1*
Tetrachloro-m-xylene	*98*		*10 - 150*	*10/05/25 15:56*	*10/06/25 20:29*	*1*
Tetrachloro-m-xylene	*109*		*10 - 150*	*10/05/25 15:56*	*10/06/25 20:29*	*1*

Method: EPA 1633A - Per- and Polyfluoroalkyl Substances by LC/MS/MS, 1633A

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Perfluorobutanoic acid (PFBA)	0.40	U	0.40	0.099	ug/Kg	☼	10/08/25 06:11	10/09/25 10:29	1
Perfluoropentanoic acid (PFPeA)	0.20	U	0.20	0.099	ug/Kg	☼	10/08/25 06:11	10/09/25 10:29	1
Perfluorohexanoic acid (PFHxA)	0.20	U	0.20	0.099	ug/Kg	☼	10/08/25 06:11	10/09/25 10:29	1
Perfluoroheptanoic acid (PFHpA)	0.20	U	0.20	0.099	ug/Kg	☼	10/08/25 06:11	10/09/25 10:29	1
Perfluorooctanoic acid (PFOA)	0.20	U	0.20	0.059	ug/Kg	☼	10/08/25 06:11	10/09/25 10:29	1
Perfluorononanoic acid (PFNA)	**0.19**	**J**	0.20	0.099	ug/Kg	☼	10/08/25 06:11	10/09/25 10:29	1
Perfluorodecanoic acid (PFDA)	0.20	U	0.20	0.059	ug/Kg	☼	10/08/25 06:11	10/09/25 10:29	1
Perfluoroundecanoic acid (PFUnA)	**2.00**		0.20	0.099	ug/Kg	☼	10/08/25 06:11	10/09/25 10:29	1
Perfluorododecanoic acid (PFDoA)	**0.13**	**J**	0.20	0.099	ug/Kg	☼	10/08/25 06:11	10/09/25 10:29	1
Perfluorotridecanoic acid (PFTrDA)	**3.55**		0.20	0.099	ug/Kg	☼	10/08/25 06:11	10/09/25 10:29	1
Perfluorotetradecanoic acid (PFTeDA)	0.20	U	0.20	0.099	ug/Kg	☼	10/08/25 06:11	10/09/25 10:29	1
Perfluorobutanesulfonic acid (PFBS)	0.20	U	0.20	0.099	ug/Kg	☼	10/08/25 06:11	10/09/25 10:29	1
Perfluoropentanesulfonic acid (PFPeS)	0.20	U	0.20	0.099	ug/Kg	☼	10/08/25 06:11	10/09/25 10:29	1
Perfluorohexanesulfonic acid (PFHxS)	0.20	U	0.20	0.099	ug/Kg	☼	10/08/25 06:11	10/09/25 10:29	1
Perfluoroheptanesulfonic acid (PFHpS)	0.20	U	0.20	0.099	ug/Kg	☼	10/08/25 06:11	10/09/25 10:29	1
Perfluorooctanesulfonic acid (PFOS)	0.20	U	0.20	0.099	ug/Kg	☼	10/08/25 06:11	10/09/25 10:29	1
Perfluorononanesulfonic acid (PFNS)	0.20	U	0.20	0.099	ug/Kg	☼	10/08/25 06:11	10/09/25 10:29	1

Client Sample ID: 6E_6-12
Date Collected: 10/02/25 08:15
Date Received: 10/02/25 16:00

Lab Sample ID: 460-336309-4
Matrix: Solid
Percent Solids: 96.1

Method: EPA 1633A - Per- and Polyfluoroalkyl Substances by LC/MS/MS, 1633A (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Perfluorodecanesulfonic acid (PFDS)	0.20	U	0.20	0.099	ug/Kg	☼	10/08/25 06:11	10/09/25 10:29	1
Perfluorododecanesulfonic acid (PFDoS)	0.20	U	0.20	0.099	ug/Kg	☼	10/08/25 06:11	10/09/25 10:29	1
1H,1H,2H,2H-Perfluorohexane sulfonic acid (4:2 FTS)	0.40	U	0.40	0.20	ug/Kg	☼	10/08/25 06:11	10/09/25 10:29	1
1H,1H,2H,2H-Perfluorooctane sulfonic acid (6:2 FTS)	0.40	U	0.40	0.20	ug/Kg	☼	10/08/25 06:11	10/09/25 10:29	1
1H,1H,2H,2H-Perfluorodecane sulfonic acid (8:2 FTS)	**0.36**	**J**	0.40	0.20	ug/Kg	☼	10/08/25 06:11	10/09/25 10:29	1
Perfluorooctanesulfonamide (PFOSA)	0.20	U	0.20	0.099	ug/Kg	☼	10/08/25 06:11	10/09/25 10:29	1
N-methylperfluorooctane sulfonamide (NMeFOSA)	0.20	U	0.20	0.099	ug/Kg	☼	10/08/25 06:11	10/09/25 10:29	1
N-ethylperfluorooctane sulfonamide (NEtFOSA)	0.20	U	0.20	0.099	ug/Kg	☼	10/08/25 06:11	10/09/25 10:29	1
N-methylperfluorooctanesulfonamidoacetic acid (NMeFOSAA)	0.20	U	0.20	0.099	ug/Kg	☼	10/08/25 06:11	10/09/25 10:29	1
N-ethylperfluorooctanesulfonamidoacetic acid (NEtFOSAA)	0.20	U	0.20	0.099	ug/Kg	☼	10/08/25 06:11	10/09/25 10:29	1
N-methylperfluorooctane sulfonamidoethanol (NMeFOSE)	0.99	U	0.99	0.50	ug/Kg	☼	10/08/25 06:11	10/09/25 10:29	1
N-ethylperfluorooctane sulfonamidoethanol (NEtFOSE)	0.99	U	0.99	0.50	ug/Kg	☼	10/08/25 06:11	10/09/25 10:29	1
Hexafluoropropylene Oxide Dimer Acid (HFPO-DA)	0.20	U	0.20	0.099	ug/Kg	☼	10/08/25 06:11	10/09/25 10:29	1
4,8-Dioxa-3H-perfluorononanoic acid (ADONA)	0.20	U	0.20	0.099	ug/Kg	☼	10/08/25 06:11	10/09/25 10:29	1
Perfluoro-3-methoxypropanoic acid (PFMPA)	0.20	U	0.20	0.099	ug/Kg	☼	10/08/25 06:11	10/09/25 10:29	1
Perfluoro-4-methoxybutanoic acid (PFMBA)	0.20	U	0.20	0.099	ug/Kg	☼	10/08/25 06:11	10/09/25 10:29	1
Nonafluoro-3,6-dioxaheptanoic acid (NFDHA)	0.20	U	0.20	0.099	ug/Kg	☼	10/08/25 06:11	10/09/25 10:29	1
9-Chlorohexadecafluoro-3-oxanonane-1-sulfonic acid (9Cl-PF3ONS)	0.20	U	0.20	0.099	ug/Kg	☼	10/08/25 06:11	10/09/25 10:29	1
11-Chloroeicosafluoro-3-oxaundecane-1-sulfonic acid (11Cl-PF3OUdS)	0.20	U	0.20	0.099	ug/Kg	☼	10/08/25 06:11	10/09/25 10:29	1
Perfluoro (2-ethoxyethane) sulfonic acid (PFEESA)	0.20	U	0.20	0.099	ug/Kg	☼	10/08/25 06:11	10/09/25 10:29	1
3-Perfluoropropylpropanoic acid (3:3 FTCA)	0.40	U	0.40	0.20	ug/Kg	☼	10/08/25 06:11	10/09/25 10:29	1
3-Perfluoropentylpropanoic acid (5:3 FTCA)	0.99	U	0.99	0.50	ug/Kg	☼	10/08/25 06:11	10/09/25 10:29	1
3-Perfluoroheptylpropanoic acid (7:3 FTCA)	0.99	U	0.99	0.50	ug/Kg	☼	10/08/25 06:11	10/09/25 10:29	1

Isotope Dilution	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
13C4 PFBA	*87.7*		*8 - 130*	*10/08/25 06:11*	*10/09/25 10:29*	*1*
13C5 PFPeA	*87.9*		*35 - 130*	*10/08/25 06:11*	*10/09/25 10:29*	*1*
13C5 PFHxA	*86.2*		*40 - 130*	*10/08/25 06:11*	*10/09/25 10:29*	*1*
13C4 PFHpA	*81.5*		*40 - 130*	*10/08/25 06:11*	*10/09/25 10:29*	*1*
13C8 PFOA	*88.7*		*40 - 130*	*10/08/25 06:11*	*10/09/25 10:29*	*1*
13C9 PFNA	*87.0*		*40 - 130*	*10/08/25 06:11*	*10/09/25 10:29*	*1*
13C6 PFDA	*84.8*		*40 - 130*	*10/08/25 06:11*	*10/09/25 10:29*	*1*
13C7 PFUnA	*81.0*		*40 - 130*	*10/08/25 06:11*	*10/09/25 10:29*	*1*
13C2 PFTeDA	*58.6*		*20 - 130*	*10/08/25 06:11*	*10/09/25 10:29*	*1*

Client Sample ID: 6E_6-12
Date Collected: 10/02/25 08:15
Date Received: 10/02/25 16:00

Lab Sample ID: 460-336309-4
Matrix: Solid
Percent Solids: 96.1

Method: EPA 1633A - Per- and Polyfluoroalkyl Substances by LC/MS/MS, 1633A (Continued)

Isotope Dilution	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
13C3 PFBS	90.0		40 - 135	10/08/25 06:11	10/09/25 10:29	1
13C3 PFHxS	79.0		40 - 130	10/08/25 06:11	10/09/25 10:29	1
13C8 PFOS	80.5		40 - 130	10/08/25 06:11	10/09/25 10:29	1
13C8 FOSA	83.9		40 - 130	10/08/25 06:11	10/09/25 10:29	1
d3-NMeFOSAA	73.0		40 - 135	10/08/25 06:11	10/09/25 10:29	1
d5-NEtFOSAA	64.9		40 - 150	10/08/25 06:11	10/09/25 10:29	1
13C2 4:2 FTS	101		40 - 165	10/08/25 06:11	10/09/25 10:29	1
13C2 6:2 FTS	90.4		40 - 215	10/08/25 06:11	10/09/25 10:29	1
13C2 8:2 FTS	128		40 - 275	10/08/25 06:11	10/09/25 10:29	1
13C3 HFPO-DA	77.4		40 - 130	10/08/25 06:11	10/09/25 10:29	1
d7-N-MeFOSE-M	65.5		20 - 130	10/08/25 06:11	10/09/25 10:29	1
d9-N-EtFOSE-M	54.1		15 - 130	10/08/25 06:11	10/09/25 10:29	1
d5-NEtPFOSA	70.7		10 - 130	10/08/25 06:11	10/09/25 10:29	1
d3-NMePFOSA	77.2		10 - 130	10/08/25 06:11	10/09/25 10:29	1
13C2 PFDoA	77.9		40 - 130	10/08/25 06:11	10/09/25 10:29	1

Method: SW846 6020B - Metals (ICP/MS)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Aluminum	7450		19.3	5.3	mg/Kg	☼	10/08/25 06:57	10/08/25 15:33	1
Antimony	0.52	J	0.96	0.14	mg/Kg	☼	10/08/25 06:57	10/08/25 15:33	1
Arsenic	6.0		0.96	0.099	mg/Kg	☼	10/08/25 06:57	10/08/25 15:33	1
Barium	61.7		1.9	0.14	mg/Kg	☼	10/08/25 06:57	10/08/25 15:33	1
Beryllium	1.0		0.39	0.021	mg/Kg	☼	10/08/25 06:57	10/08/25 15:33	1
Cadmium	0.25	J	0.96	0.11	mg/Kg	☼	10/08/25 06:57	10/08/25 15:33	1
Calcium	1760		96.4	9.4	mg/Kg	☼	10/08/25 06:57	10/08/25 15:33	1
Chromium	33.0		1.9	0.29	mg/Kg	☼	10/08/25 06:57	10/08/25 15:33	1
Cobalt	13.1		0.96	0.14	mg/Kg	☼	10/08/25 06:57	10/08/25 15:33	1
Copper	91.0		1.9	0.35	mg/Kg	☼	10/08/25 06:57	10/08/25 15:33	1
Iron	24400		57.8	7.4	mg/Kg	☼	10/08/25 06:57	10/08/25 15:33	1
Lead	99.7		0.58	0.19	mg/Kg	☼	10/08/25 06:57	10/08/25 15:33	1
Magnesium	2830		96.4	9.8	mg/Kg	☼	10/08/25 06:57	10/08/25 15:33	1
Manganese	301		3.9	0.39	mg/Kg	☼	10/08/25 06:57	10/08/25 15:33	1
Nickel	47.8		1.9	0.17	mg/Kg	☼	10/08/25 06:57	10/08/25 15:33	1
Potassium	941		96.4	15.6	mg/Kg	☼	10/08/25 06:57	10/08/25 15:33	1
Selenium	0.51	J	1.2	0.12	mg/Kg	☼	10/08/25 06:57	10/08/25 15:33	1
Silver	0.17	J	0.39	0.086	mg/Kg	☼	10/08/25 06:57	10/08/25 15:33	1
Sodium	110		96.4	44.1	mg/Kg	☼	10/08/25 06:57	10/08/25 15:33	1
Thallium	0.086	J	0.39	0.040	mg/Kg	☼	10/08/25 06:57	10/08/25 15:33	1
Vanadium	21.6		1.9	0.20	mg/Kg	☼	10/08/25 06:57	10/08/25 15:33	1
Zinc	212		7.7	1.1	mg/Kg	☼	10/08/25 06:57	10/08/25 15:33	1

Method: SW846 7471B - Mercury (CVAA)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	0.030		0.017	0.0082	mg/Kg	☼	10/09/25 01:54	10/09/25 08:25	1

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Percent Moisture (EPA Moisture)	3.9		1.0	1.0	%			10/07/25 16:17	1
Percent Solids (EPA Moisture)	96.1		1.0	1.0	%			10/07/25 16:17	1

Client: Haley & Aldrich, Inc.
Project/Site: Former Port Mobil

Job ID: 460-336309-1

Client Sample ID: 6F_0-6
Date Collected: 10/02/25 08:20
Date Received: 10/02/25 16:00

Lab Sample ID: 460-336309-5
Matrix: Solid
Percent Solids: 97.3

Method: SW846 8270E - Semivolatile Organic Compounds (GC/MS)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1'-Biphenyl	0.34	U	0.34	0.012	mg/Kg	☼	10/05/25 13:19	10/06/25 13:11	1
1,2,4,5-Tetrachlorobenzene	0.34	U	0.34	0.011	mg/Kg	☼	10/05/25 13:19	10/06/25 13:11	1
1,4-Dioxane	0.034	U	0.034	0.030	mg/Kg	☼	10/05/25 13:19	10/06/25 13:11	1
2,2'-oxybis[1-chloropropane]	0.34	U	0.34	0.020	mg/Kg	☼	10/05/25 13:19	10/06/25 13:11	1
2,3,4,6-Tetrachlorophenol	0.34	U	0.34	0.023	mg/Kg	☼	10/05/25 13:19	10/06/25 13:11	1
2,4,5-Trichlorophenol	0.34	U	0.34	0.035	mg/Kg	☼	10/05/25 13:19	10/06/25 13:11	1
2,4,6-Trichlorophenol	0.14	U	0.14	0.044	mg/Kg	☼	10/05/25 13:19	10/06/25 13:11	1
2,4-Dichlorophenol	0.14	U	0.14	0.022	mg/Kg	☼	10/05/25 13:19	10/06/25 13:11	1
2,4-Dimethylphenol	0.34	U	0.34	0.040	mg/Kg	☼	10/05/25 13:19	10/06/25 13:11	1
2,4-Dinitrophenol	0.27	U	0.27	0.17	mg/Kg	☼	10/05/25 13:19	10/06/25 13:11	1
2,4-Dinitrotoluene	0.069	U	0.069	0.037	mg/Kg	☼	10/05/25 13:19	10/06/25 13:11	1
2,6-Dinitrotoluene	0.069	U	0.069	0.025	mg/Kg	☼	10/05/25 13:19	10/06/25 13:11	1
2-Chloronaphthalene	0.34	U	0.34	0.044	mg/Kg	☼	10/05/25 13:19	10/06/25 13:11	1
2-Chlorophenol	0.34	U	0.34	0.012	mg/Kg	☼	10/05/25 13:19	10/06/25 13:11	1
2-Methylnaphthalene	0.34	U	0.34	0.0095	mg/Kg	☼	10/05/25 13:19	10/06/25 13:11	1
2-Methylphenol	0.34	U	0.34	0.013	mg/Kg	☼	10/05/25 13:19	10/06/25 13:11	1
2-Nitroaniline	0.34	U	0.34	0.026	mg/Kg	☼	10/05/25 13:19	10/06/25 13:11	1
2-Nitrophenol	0.34	U	0.34	0.034	mg/Kg	☼	10/05/25 13:19	10/06/25 13:11	1
3 & 4 Methylphenol	0.34	U	0.34	0.021	mg/Kg	☼	10/05/25 13:19	10/06/25 13:11	1
3,3'-Dichlorobenzidine	0.14	U	0.14	0.051	mg/Kg	☼	10/05/25 13:19	10/06/25 13:11	1
3-Nitroaniline	0.34	U	0.34	0.080	mg/Kg	☼	10/05/25 13:19	10/06/25 13:11	1
4,6-Dinitro-2-methylphenol	0.27	U	0.27	0.14	mg/Kg	☼	10/05/25 13:19	10/06/25 13:11	1
4-Bromophenyl phenyl ether	0.34	U	0.34	0.013	mg/Kg	☼	10/05/25 13:19	10/06/25 13:11	1
4-Chloro-3-methylphenol	0.34	U	0.34	0.019	mg/Kg	☼	10/05/25 13:19	10/06/25 13:11	1
4-Chloroaniline	0.34	U	0.34	0.060	mg/Kg	☼	10/05/25 13:19	10/06/25 13:11	1
4-Chlorophenyl phenyl ether	0.34	U	0.34	0.012	mg/Kg	☼	10/05/25 13:19	10/06/25 13:11	1
4-Methylphenol	0.34	U	0.34	0.021	mg/Kg	☼	10/05/25 13:19	10/06/25 13:11	1
4-Nitroaniline	0.34	U	0.34	0.086	mg/Kg	☼	10/05/25 13:19	10/06/25 13:11	1
4-Nitrophenol	0.69	U	0.69	0.055	mg/Kg	☼	10/05/25 13:19	10/06/25 13:11	1
Acenaphthene	0.34	U	0.34	0.0097	mg/Kg	☼	10/05/25 13:19	10/06/25 13:11	1
Acenaphthylene	0.34	U	0.34	0.0097	mg/Kg	☼	10/05/25 13:19	10/06/25 13:11	1
Acetophenone	0.34	U	0.34	0.017	mg/Kg	☼	10/05/25 13:19	10/06/25 13:11	1
Anthracene	0.34	U	0.34	0.010	mg/Kg	☼	10/05/25 13:19	10/06/25 13:11	1
Atrazine	0.14	U *	0.14	0.020	mg/Kg	☼	10/05/25 13:19	10/06/25 13:11	1
Benzaldehyde	0.34	U *	0.34	0.056	mg/Kg	☼	10/05/25 13:19	10/06/25 13:11	1
Benzo[a]anthracene	0.034	U	0.034	0.026	mg/Kg	☼	10/05/25 13:19	10/06/25 13:11	1
Benzo[a]pyrene	0.034	U	0.034	0.0090	mg/Kg	☼	10/05/25 13:19	10/06/25 13:11	1
Benzo[b]fluoranthene	0.034	U	0.034	0.0088	mg/Kg	☼	10/05/25 13:19	10/06/25 13:11	1
Benzo[g,h,i]perylene	0.34	U	0.34	0.010	mg/Kg	☼	10/05/25 13:19	10/06/25 13:11	1
Benzo[k]fluoranthene	0.034	U	0.034	0.0067	mg/Kg	☼	10/05/25 13:19	10/06/25 13:11	1
Bis(2-chloroethoxy)methane	0.34	U	0.34	0.063	mg/Kg	☼	10/05/25 13:19	10/06/25 13:11	1
Bis(2-chloroethyl)ether	0.034	U	0.034	0.012	mg/Kg	☼	10/05/25 13:19	10/06/25 13:11	1
Bis(2-ethylhexyl) phthalate	0.34	U	0.34	0.018	mg/Kg	☼	10/05/25 13:19	10/06/25 13:11	1
Butyl benzyl phthalate	0.34	U	0.34	0.016	mg/Kg	☼	10/05/25 13:19	10/06/25 13:11	1
Caprolactam	0.34	U *	0.34	0.053	mg/Kg	☼	10/05/25 13:19	10/06/25 13:11	1
Carbazole	0.34	U	0.34	0.013	mg/Kg	☼	10/05/25 13:19	10/06/25 13:11	1
Chrysene	0.34	U	0.34	0.014	mg/Kg	☼	10/05/25 13:19	10/06/25 13:11	1
Dibenz(a,h)anthracene	0.034	U	0.034	0.015	mg/Kg	☼	10/05/25 13:19	10/06/25 13:11	1
Dibenzofuran	0.34	U	0.34	0.011	mg/Kg	☼	10/05/25 13:19	10/06/25 13:11	1

Client Sample ID: 6F_0-6
Date Collected: 10/02/25 08:20
Date Received: 10/02/25 16:00

Lab Sample ID: 460-336309-5
Matrix: Solid
Percent Solids: 97.3

Method: SW846 8270E - Semivolatile Organic Compounds (GC/MS) (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Diethyl phthalate	0.34	U	0.34	0.011	mg/Kg	☼	10/05/25 13:19	10/06/25 13:11	1
Dimethyl phthalate	0.34	U	0.34	0.077	mg/Kg	☼	10/05/25 13:19	10/06/25 13:11	1
Di-n-butyl phthalate	0.34	U	0.34	0.013	mg/Kg	☼	10/05/25 13:19	10/06/25 13:11	1
Di-n-octyl phthalate	0.34	U	0.34	0.018	mg/Kg	☼	10/05/25 13:19	10/06/25 13:11	1
Fluoranthene	0.34	U	0.34	0.012	mg/Kg	☼	10/05/25 13:19	10/06/25 13:11	1
Fluorene	0.34	U	0.34	0.0099	mg/Kg	☼	10/05/25 13:19	10/06/25 13:11	1
Hexachlorobenzene	0.034	U	0.034	0.016	mg/Kg	☼	10/05/25 13:19	10/06/25 13:11	1
Hexachlorobutadiene	0.069	U	0.069	0.0072	mg/Kg	☼	10/05/25 13:19	10/06/25 13:11	1
Hexachlorocyclopentadiene	0.34	U	0.34	0.030	mg/Kg	☼	10/05/25 13:19	10/06/25 13:11	1
Hexachloroethane	0.034	U	0.034	0.012	mg/Kg	☼	10/05/25 13:19	10/06/25 13:11	1
Indeno[1,2,3-cd]pyrene	0.034	U	0.034	0.013	mg/Kg	☼	10/05/25 13:19	10/06/25 13:11	1
Isophorone	0.14	U	0.14	0.098	mg/Kg	☼	10/05/25 13:19	10/06/25 13:11	1
Naphthalene	0.34	U	0.34	0.0059	mg/Kg	☼	10/05/25 13:19	10/06/25 13:11	1
Nitrobenzene	0.034	U	0.034	0.019	mg/Kg	☼	10/05/25 13:19	10/06/25 13:11	1
N-Nitrosodi-n-propylamine	0.034	U	0.034	0.025	mg/Kg	☼	10/05/25 13:19	10/06/25 13:11	1
N-Nitrosodiphenylamine	0.34	U	0.34	0.028	mg/Kg	☼	10/05/25 13:19	10/06/25 13:11	1
Pentachlorophenol	0.27	U	0.27	0.070	mg/Kg	☼	10/05/25 13:19	10/06/25 13:11	1
Phenanthrene	0.34	U	0.34	0.014	mg/Kg	☼	10/05/25 13:19	10/06/25 13:11	1
Phenol	0.34	U	0.34	0.012	mg/Kg	☼	10/05/25 13:19	10/06/25 13:11	1
Pyrene	0.34	U	0.34	0.0084	mg/Kg	☼	10/05/25 13:19	10/06/25 13:11	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
2,4,6-Tribromophenol (Surr)	*77*		*18 - 137*	*10/05/25 13:19*	*10/06/25 13:11*	*1*
2-Fluorobiphenyl	*78*		*33 - 117*	*10/05/25 13:19*	*10/06/25 13:11*	*1*
2-Fluorophenol (Surr)	*80*		*24 - 120*	*10/05/25 13:19*	*10/06/25 13:11*	*1*
Nitrobenzene-d5 (Surr)	*80*		*27 - 120*	*10/05/25 13:19*	*10/06/25 13:11*	*1*
Phenol-d5 (Surr)	*82*		*28 - 118*	*10/05/25 13:19*	*10/06/25 13:11*	*1*
Terphenyl-d14 (Surr)	*88*		*33 - 124*	*10/05/25 13:19*	*10/06/25 13:11*	*1*

Method: SW846 8081B - Organochlorine Pesticides (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
4,4'-DDD	0.0069	U	0.0069	0.0012	mg/Kg	☼	10/05/25 16:16	10/06/25 10:50	1
4,4'-DDE	0.0069	U	0.0069	0.00081	mg/Kg	☼	10/05/25 16:16	10/06/25 10:50	1
4,4'-DDT	0.0069	U	0.0069	0.0013	mg/Kg	☼	10/05/25 16:16	10/06/25 10:50	1
Aldrin	0.0069	U	0.0069	0.0010	mg/Kg	☼	10/05/25 16:16	10/06/25 10:50	1
alpha-BHC	0.0021	U	0.0021	0.00070	mg/Kg	☼	10/05/25 16:16	10/06/25 10:50	1
beta-BHC	0.0021	U	0.0021	0.00077	mg/Kg	☼	10/05/25 16:16	10/06/25 10:50	1
Chlordane (technical)	0.069	U	0.069	0.017	mg/Kg	☼	10/05/25 16:16	10/06/25 10:50	1
cis-Chlordane	0.0069	U	0.0069	0.0011	mg/Kg	☼	10/05/25 16:16	10/06/25 10:50	1
delta-BHC	0.0021	U	0.0021	0.00042	mg/Kg	☼	10/05/25 16:16	10/06/25 10:50	1
Dieldrin	0.0021	U	0.0021	0.00089	mg/Kg	☼	10/05/25 16:16	10/06/25 10:50	1
Endosulfan I	0.0069	U	0.0069	0.0010	mg/Kg	☼	10/05/25 16:16	10/06/25 10:50	1
Endosulfan II	0.0069	U	0.0069	0.0018	mg/Kg	☼	10/05/25 16:16	10/06/25 10:50	1
Endosulfan sulfate	0.0069	U	0.0069	0.00086	mg/Kg	☼	10/05/25 16:16	10/06/25 10:50	1
Endrin	0.0069	U	0.0069	0.00099	mg/Kg	☼	10/05/25 16:16	10/06/25 10:50	1
Endrin aldehyde	0.0069	U	0.0069	0.0016	mg/Kg	☼	10/05/25 16:16	10/06/25 10:50	1
Endrin ketone	0.0069	U	0.0069	0.0013	mg/Kg	☼	10/05/25 16:16	10/06/25 10:50	1
gamma-BHC (Lindane)	0.0021	U	0.0021	0.00064	mg/Kg	☼	10/05/25 16:16	10/06/25 10:50	1
Heptachlor	0.0069	U	0.0069	0.00081	mg/Kg	☼	10/05/25 16:16	10/06/25 10:50	1
Heptachlor epoxide	0.0069	U	0.0069	0.0010	mg/Kg	☼	10/05/25 16:16	10/06/25 10:50	1

Client Sample ID: 6F_0-6
Date Collected: 10/02/25 08:20
Date Received: 10/02/25 16:00

Lab Sample ID: 460-336309-5
Matrix: Solid
Percent Solids: 97.3

Method: SW846 8081B - Organochlorine Pesticides (GC) (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Methoxychlor	0.0069	U	0.0069	0.0016	mg/Kg	☼	10/05/25 16:16	10/06/25 10:50	1
Toxaphene	0.069	U	0.069	0.025	mg/Kg	☼	10/05/25 16:16	10/06/25 10:50	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
DCB Decachlorobiphenyl	*100*		*10 - 150*	*10/05/25 16:16*	*10/06/25 10:50*	*1*
DCB Decachlorobiphenyl	*128*		*10 - 150*	*10/05/25 16:16*	*10/06/25 10:50*	*1*
Tetrachloro-m-xylene	*106*		*14 - 150*	*10/05/25 16:16*	*10/06/25 10:50*	*1*
Tetrachloro-m-xylene	*107*		*14 - 150*	*10/05/25 16:16*	*10/06/25 10:50*	*1*

Method: SW846 8082A - Polychlorinated Biphenyls (PCBs) by Gas Chromatography

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Aroclor 1016	0.069	U	0.069	0.018	mg/Kg	☼	10/05/25 15:56	10/06/25 20:46	1
Aroclor 1221	0.069	U	0.069	0.018	mg/Kg	☼	10/05/25 15:56	10/06/25 20:46	1
Aroclor 1232	0.069	U	0.069	0.018	mg/Kg	☼	10/05/25 15:56	10/06/25 20:46	1
Aroclor 1242	0.069	U	0.069	0.018	mg/Kg	☼	10/05/25 15:56	10/06/25 20:46	1
Aroclor 1248	0.069	U	0.069	0.018	mg/Kg	☼	10/05/25 15:56	10/06/25 20:46	1
Aroclor 1254	0.069	U	0.069	0.018	mg/Kg	☼	10/05/25 15:56	10/06/25 20:46	1
Aroclor 1260	0.069	U	0.069	0.018	mg/Kg	☼	10/05/25 15:56	10/06/25 20:46	1
Aroclor-1262	0.069	U	0.069	0.018	mg/Kg	☼	10/05/25 15:56	10/06/25 20:46	1
Aroclor 1268	0.069	U	0.069	0.018	mg/Kg	☼	10/05/25 15:56	10/06/25 20:46	1
Polychlorinated biphenyls, Total	0.069	U	0.069	0.018	mg/Kg	☼	10/05/25 15:56	10/06/25 20:46	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
DCB Decachlorobiphenyl	*122*		*10 - 150*	*10/05/25 15:56*	*10/06/25 20:46*	*1*
DCB Decachlorobiphenyl	*120*		*10 - 150*	*10/05/25 15:56*	*10/06/25 20:46*	*1*
Tetrachloro-m-xylene	*103*		*10 - 150*	*10/05/25 15:56*	*10/06/25 20:46*	*1*
Tetrachloro-m-xylene	*112*		*10 - 150*	*10/05/25 15:56*	*10/06/25 20:46*	*1*

Method: EPA 1633A - Per- and Polyfluoroalkyl Substances by LC/MS/MS, 1633A

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Perfluorobutanoic acid (PFBA)	0.40	U	0.40	0.099	ug/Kg	☼	10/08/25 06:11	10/09/25 10:43	1
Perfluoropentanoic acid (PFPeA)	0.20	U	0.20	0.099	ug/Kg	☼	10/08/25 06:11	10/09/25 10:43	1
Perfluorohexanoic acid (PFHxA)	0.20	U	0.20	0.099	ug/Kg	☼	10/08/25 06:11	10/09/25 10:43	1
Perfluoroheptanoic acid (PFHpA)	0.20	U	0.20	0.099	ug/Kg	☼	10/08/25 06:11	10/09/25 10:43	1
Perfluorooctanoic acid (PFOA)	0.20	U	0.20	0.060	ug/Kg	☼	10/08/25 06:11	10/09/25 10:43	1
Perfluorononanoic acid (PFNA)	**0.57**		0.20	0.099	ug/Kg	☼	10/08/25 06:11	10/09/25 10:43	1
Perfluorodecanoic acid (PFDA)	**0.11**	**J**	0.20	0.060	ug/Kg	☼	10/08/25 06:11	10/09/25 10:43	1
Perfluoroundecanoic acid (PFUnA)	**11.5**		0.20	0.099	ug/Kg	☼	10/08/25 06:11	10/09/25 10:43	1
Perfluorododecanoic acid (PFDoA)	**0.23**		0.20	0.099	ug/Kg	☼	10/08/25 06:11	10/09/25 10:43	1
Perfluorotridecanoic acid (PFTrDA)	**9.22**		0.20	0.099	ug/Kg	☼	10/08/25 06:11	10/09/25 10:43	1
Perfluorotetradecanoic acid (PFTeDA)	**0.13**	**J**	0.20	0.099	ug/Kg	☼	10/08/25 06:11	10/09/25 10:43	1
Perfluorobutanesulfonic acid (PFBS)	0.20	U	0.20	0.099	ug/Kg	☼	10/08/25 06:11	10/09/25 10:43	1
Perfluoropentanesulfonic acid (PFPeS)	0.20	U	0.20	0.099	ug/Kg	☼	10/08/25 06:11	10/09/25 10:43	1
Perfluorohexanesulfonic acid (PFHxS)	0.20	U	0.20	0.099	ug/Kg	☼	10/08/25 06:11	10/09/25 10:43	1
Perfluoroheptanesulfonic acid (PFHpS)	0.20	U	0.20	0.099	ug/Kg	☼	10/08/25 06:11	10/09/25 10:43	1
Perfluorooctanesulfonic acid (PFOS)	0.20	U	0.20	0.099	ug/Kg	☼	10/08/25 06:11	10/09/25 10:43	1

Client: Haley & Aldrich, Inc.
Project/Site: Former Port Mobil

Job ID: 460-336309-1

Client Sample ID: 6F_0-6
Date Collected: 10/02/25 08:20
Date Received: 10/02/25 16:00

Lab Sample ID: 460-336309-5
Matrix: Solid
Percent Solids: 97.3

Method: EPA 1633A - Per- and Polyfluoroalkyl Substances by LC/MS/MS, 1633A (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Perfluorononanesulfonic acid (PFNS)	0.20	U	0.20	0.099	ug/Kg	☼	10/08/25 06:11	10/09/25 10:43	1
Perfluorodecanesulfonic acid (PFDS)	0.20	U	0.20	0.099	ug/Kg	☼	10/08/25 06:11	10/09/25 10:43	1
Perfluorododecanesulfonic acid (PFDoS)	0.20	U	0.20	0.099	ug/Kg	☼	10/08/25 06:11	10/09/25 10:43	1
1H,1H,2H,2H-Perfluorohexane sulfonic acid (4:2 FTS)	0.40	U	0.40	0.20	ug/Kg	☼	10/08/25 06:11	10/09/25 10:43	1
1H,1H,2H,2H-Perfluorooctane sulfonic acid (6:2 FTS)	0.40	U	0.40	0.20	ug/Kg	☼	10/08/25 06:11	10/09/25 10:43	1
1H,1H,2H,2H-Perfluorodecane sulfonic acid (8:2 FTS)	0.40	U	0.40	0.20	ug/Kg	☼	10/08/25 06:11	10/09/25 10:43	1
Perfluorooctanesulfonamide (PFOSA)	0.20	U	0.20	0.099	ug/Kg	☼	10/08/25 06:11	10/09/25 10:43	1
N-methylperfluorooctane sulfonamide (NMeFOSA)	0.20	U	0.20	0.099	ug/Kg	☼	10/08/25 06:11	10/09/25 10:43	1
N-ethylperfluorooctane sulfonamide (NEtFOSA)	0.20	U	0.20	0.099	ug/Kg	☼	10/08/25 06:11	10/09/25 10:43	1
N-methylperfluorooctanesulfonamidoacetic acid (NMeFOSAA)	0.20	U	0.20	0.099	ug/Kg	☼	10/08/25 06:11	10/09/25 10:43	1
N-ethylperfluorooctanesulfonamidoacetic acid (NEtFOSAA)	0.20	U	0.20	0.099	ug/Kg	☼	10/08/25 06:11	10/09/25 10:43	1
N-methylperfluorooctane sulfonamidoethanol (NMeFOSE)	0.99	U	0.99	0.50	ug/Kg	☼	10/08/25 06:11	10/09/25 10:43	1
N-ethylperfluorooctane sulfonamidoethanol (NEtFOSE)	0.99	U	0.99	0.50	ug/Kg	☼	10/08/25 06:11	10/09/25 10:43	1
Hexafluoropropylene Oxide Dimer Acid (HFPO-DA)	0.20	U	0.20	0.099	ug/Kg	☼	10/08/25 06:11	10/09/25 10:43	1
4,8-Dioxa-3H-perfluorononanoic acid (ADONA)	0.20	U	0.20	0.099	ug/Kg	☼	10/08/25 06:11	10/09/25 10:43	1
Perfluoro-3-methoxypropanoic acid (PFMPA)	0.20	U	0.20	0.099	ug/Kg	☼	10/08/25 06:11	10/09/25 10:43	1
Perfluoro-4-methoxybutanoic acid (PFMBA)	0.20	U	0.20	0.099	ug/Kg	☼	10/08/25 06:11	10/09/25 10:43	1
Nonafluoro-3,6-dioxaheptanoic acid (NFDHA)	0.20	U	0.20	0.099	ug/Kg	☼	10/08/25 06:11	10/09/25 10:43	1
9-Chlorohexadecafluoro-3-oxanonane-1-sulfonic acid (9Cl-PF3ONS)	0.20	U	0.20	0.099	ug/Kg	☼	10/08/25 06:11	10/09/25 10:43	1
11-Chloroeicosafluoro-3-oxaundecane-1-sulfonic acid (11Cl-PF3OUdS)	0.20	U	0.20	0.099	ug/Kg	☼	10/08/25 06:11	10/09/25 10:43	1
Perfluoro (2-ethoxyethane) sulfonic acid (PFEESA)	0.20	U	0.20	0.099	ug/Kg	☼	10/08/25 06:11	10/09/25 10:43	1
3-Perfluoropropylpropanoic acid (3:3 FTCA)	0.40	U	0.40	0.20	ug/Kg	☼	10/08/25 06:11	10/09/25 10:43	1
3-Perfluoropentylpropanoic acid (5:3 FTCA)	0.99	U	0.99	0.50	ug/Kg	☼	10/08/25 06:11	10/09/25 10:43	1
3-Perfluoroheptylpropanoic acid (7:3 FTCA)	0.99	U	0.99	0.50	ug/Kg	☼	10/08/25 06:11	10/09/25 10:43	1

Isotope Dilution	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
13C4 PFBA	*127*		*8 - 130*	*10/08/25 06:11*	*10/09/25 10:43*	*1*
13C5 PFPeA	*129*		*35 - 130*	*10/08/25 06:11*	*10/09/25 10:43*	*1*
13C5 PFHxA	*121*		*40 - 130*	*10/08/25 06:11*	*10/09/25 10:43*	*1*
13C4 PFHpA	*124*		*40 - 130*	*10/08/25 06:11*	*10/09/25 10:43*	*1*
13C8 PFOA	*122*		*40 - 130*	*10/08/25 06:11*	*10/09/25 10:43*	*1*
13C9 PFNA	*121*		*40 - 130*	*10/08/25 06:11*	*10/09/25 10:43*	*1*
13C6 PFDA	*110*		*40 - 130*	*10/08/25 06:11*	*10/09/25 10:43*	*1*
13C7 PFUnA	*93.6*		*40 - 130*	*10/08/25 06:11*	*10/09/25 10:43*	*1*

Client Sample ID: 6F_0-6
Date Collected: 10/02/25 08:20
Date Received: 10/02/25 16:00

Lab Sample ID: 460-336309-5
Matrix: Solid
Percent Solids: 97.3

Method: EPA 1633A - Per- and Polyfluoroalkyl Substances by LC/MS/MS, 1633A (Continued)

Isotope Dilution	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
13C2 PFTeDA	72.7		20 - 130	10/08/25 06:11	10/09/25 10:43	1
13C3 PFBS	130		40 - 135	10/08/25 06:11	10/09/25 10:43	1
13C3 PFHxS	111		40 - 130	10/08/25 06:11	10/09/25 10:43	1
13C8 PFOS	113		40 - 130	10/08/25 06:11	10/09/25 10:43	1
13C8 FOSA	108		40 - 130	10/08/25 06:11	10/09/25 10:43	1
d3-NMeFOSAA	96.8		40 - 135	10/08/25 06:11	10/09/25 10:43	1
d5-NEtFOSAA	78.7		40 - 150	10/08/25 06:11	10/09/25 10:43	1
13C2 4:2 FTS	145		40 - 165	10/08/25 06:11	10/09/25 10:43	1
13C2 6:2 FTS	125		40 - 215	10/08/25 06:11	10/09/25 10:43	1
13C2 8:2 FTS	146		40 - 275	10/08/25 06:11	10/09/25 10:43	1
13C3 HFPO-DA	120		40 - 130	10/08/25 06:11	10/09/25 10:43	1
d7-N-MeFOSE-M	59.3		20 - 130	10/08/25 06:11	10/09/25 10:43	1
d9-N-EtFOSE-M	45.6		15 - 130	10/08/25 06:11	10/09/25 10:43	1
d5-NEtPFOSA	85.3		10 - 130	10/08/25 06:11	10/09/25 10:43	1
d3-NMePFOSA	94.7		10 - 130	10/08/25 06:11	10/09/25 10:43	1
13C2 PFDoA	89.2		40 - 130	10/08/25 06:11	10/09/25 10:43	1

Method: SW846 6020B - Metals (ICP/MS)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Aluminum	6810		18.7	5.1	mg/Kg	☼	10/08/25 06:57	10/08/25 15:36	1
Antimony	0.86	J	0.93	0.14	mg/Kg	☼	10/08/25 06:57	10/08/25 15:36	1
Arsenic	7.5		0.93	0.096	mg/Kg	☼	10/08/25 06:57	10/08/25 15:36	1
Barium	64.4		1.9	0.14	mg/Kg	☼	10/08/25 06:57	10/08/25 15:36	1
Beryllium	1.1		0.37	0.021	mg/Kg	☼	10/08/25 06:57	10/08/25 15:36	1
Cadmium	0.33	J	0.93	0.11	mg/Kg	☼	10/08/25 06:57	10/08/25 15:36	1
Calcium	1940		93.4	9.1	mg/Kg	☼	10/08/25 06:57	10/08/25 15:36	1
Chromium	42.3		1.9	0.28	mg/Kg	☼	10/08/25 06:57	10/08/25 15:36	1
Cobalt	14.1		0.93	0.14	mg/Kg	☼	10/08/25 06:57	10/08/25 15:36	1
Copper	120		1.9	0.34	mg/Kg	☼	10/08/25 06:57	10/08/25 15:36	1
Iron	21300		56.1	7.1	mg/Kg	☼	10/08/25 06:57	10/08/25 15:36	1
Lead	136		0.56	0.19	mg/Kg	☼	10/08/25 06:57	10/08/25 15:36	1
Magnesium	2360		93.4	9.5	mg/Kg	☼	10/08/25 06:57	10/08/25 15:36	1
Manganese	250		3.7	0.38	mg/Kg	☼	10/08/25 06:57	10/08/25 15:36	1
Nickel	54.1		1.9	0.17	mg/Kg	☼	10/08/25 06:57	10/08/25 15:36	1
Potassium	932		93.4	15.1	mg/Kg	☼	10/08/25 06:57	10/08/25 15:36	1
Selenium	0.59	J	1.2	0.12	mg/Kg	☼	10/08/25 06:57	10/08/25 15:36	1
Silver	0.26	J	0.37	0.083	mg/Kg	☼	10/08/25 06:57	10/08/25 15:36	1
Sodium	124		93.4	42.7	mg/Kg	☼	10/08/25 06:57	10/08/25 15:36	1
Thallium	0.073	J	0.37	0.038	mg/Kg	☼	10/08/25 06:57	10/08/25 15:36	1
Vanadium	23.7		1.9	0.19	mg/Kg	☼	10/08/25 06:57	10/08/25 15:36	1
Zinc	335		7.5	1.0	mg/Kg	☼	10/08/25 06:57	10/08/25 15:36	1

Method: SW846 7471B - Mercury (CVAA)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	0.032		0.017	0.0080	mg/Kg	☼	10/09/25 01:54	10/09/25 08:28	1

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Percent Moisture (EPA Moisture)	2.7		1.0	1.0	%			10/07/25 16:17	1
Percent Solids (EPA Moisture)	97.3		1.0	1.0	%			10/07/25 16:17	1

Client Sample ID: 6F_6-12
Date Collected: 10/02/25 08:25
Date Received: 10/02/25 16:00

Lab Sample ID: 460-336309-6
Matrix: Solid
Percent Solids: 97.9

Method: SW846 8270E - Semivolatile Organic Compounds (GC/MS)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1'-Biphenyl	0.34	U	0.34	0.012	mg/Kg	☼	10/05/25 13:19	10/06/25 13:34	1
1,2,4,5-Tetrachlorobenzene	0.34	U	0.34	0.011	mg/Kg	☼	10/05/25 13:19	10/06/25 13:34	1
1,4-Dioxane	0.034	U	0.034	0.029	mg/Kg	☼	10/05/25 13:19	10/06/25 13:34	1
2,2'-oxybis[1-chloropropane]	0.34	U	0.34	0.020	mg/Kg	☼	10/05/25 13:19	10/06/25 13:34	1
2,3,4,6-Tetrachlorophenol	0.34	U	0.34	0.023	mg/Kg	☼	10/05/25 13:19	10/06/25 13:34	1
2,4,5-Trichlorophenol	0.34	U	0.34	0.034	mg/Kg	☼	10/05/25 13:19	10/06/25 13:34	1
2,4,6-Trichlorophenol	0.14	U	0.14	0.043	mg/Kg	☼	10/05/25 13:19	10/06/25 13:34	1
2,4-Dichlorophenol	0.14	U	0.14	0.022	mg/Kg	☼	10/05/25 13:19	10/06/25 13:34	1
2,4-Dimethylphenol	0.34	U	0.34	0.040	mg/Kg	☼	10/05/25 13:19	10/06/25 13:34	1
2,4-Dinitrophenol	0.27	U	0.27	0.17	mg/Kg	☼	10/05/25 13:19	10/06/25 13:34	1
2,4-Dinitrotoluene	0.068	U	0.068	0.036	mg/Kg	☼	10/05/25 13:19	10/06/25 13:34	1
2,6-Dinitrotoluene	0.068	U	0.068	0.024	mg/Kg	☼	10/05/25 13:19	10/06/25 13:34	1
2-Chloronaphthalene	0.34	U	0.34	0.043	mg/Kg	☼	10/05/25 13:19	10/06/25 13:34	1
2-Chlorophenol	0.34	U	0.34	0.012	mg/Kg	☼	10/05/25 13:19	10/06/25 13:34	1
2-Methylnaphthalene	0.34	U	0.34	0.0094	mg/Kg	☼	10/05/25 13:19	10/06/25 13:34	1
2-Methylphenol	0.34	U	0.34	0.013	mg/Kg	☼	10/05/25 13:19	10/06/25 13:34	1
2-Nitroaniline	0.34	U	0.34	0.026	mg/Kg	☼	10/05/25 13:19	10/06/25 13:34	1
2-Nitrophenol	0.34	U	0.34	0.034	mg/Kg	☼	10/05/25 13:19	10/06/25 13:34	1
3 & 4 Methylphenol	0.34	U	0.34	0.021	mg/Kg	☼	10/05/25 13:19	10/06/25 13:34	1
3,3'-Dichlorobenzidine	0.14	U	0.14	0.051	mg/Kg	☼	10/05/25 13:19	10/06/25 13:34	1
3-Nitroaniline	0.34	U	0.34	0.080	mg/Kg	☼	10/05/25 13:19	10/06/25 13:34	1
4,6-Dinitro-2-methylphenol	0.27	U	0.27	0.14	mg/Kg	☼	10/05/25 13:19	10/06/25 13:34	1
4-Bromophenyl phenyl ether	0.34	U	0.34	0.013	mg/Kg	☼	10/05/25 13:19	10/06/25 13:34	1
4-Chloro-3-methylphenol	0.34	U	0.34	0.019	mg/Kg	☼	10/05/25 13:19	10/06/25 13:34	1
4-Chloroaniline	0.34	U	0.34	0.060	mg/Kg	☼	10/05/25 13:19	10/06/25 13:34	1
4-Chlorophenyl phenyl ether	0.34	U	0.34	0.012	mg/Kg	☼	10/05/25 13:19	10/06/25 13:34	1
4-Methylphenol	0.34	U	0.34	0.021	mg/Kg	☼	10/05/25 13:19	10/06/25 13:34	1
4-Nitroaniline	0.34	U	0.34	0.086	mg/Kg	☼	10/05/25 13:19	10/06/25 13:34	1
4-Nitrophenol	0.68	U	0.68	0.055	mg/Kg	☼	10/05/25 13:19	10/06/25 13:34	1
Acenaphthene	0.34	U	0.34	0.0096	mg/Kg	☼	10/05/25 13:19	10/06/25 13:34	1
Acenaphthylene	0.34	U	0.34	0.0097	mg/Kg	☼	10/05/25 13:19	10/06/25 13:34	1
Acetophenone	0.34	U	0.34	0.017	mg/Kg	☼	10/05/25 13:19	10/06/25 13:34	1
Anthracene	0.34	U	0.34	0.010	mg/Kg	☼	10/05/25 13:19	10/06/25 13:34	1
Atrazine	0.14	U *	0.14	0.020	mg/Kg	☼	10/05/25 13:19	10/06/25 13:34	1
Benzaldehyde	0.34	U *	0.34	0.056	mg/Kg	☼	10/05/25 13:19	10/06/25 13:34	1
Benzo[a]anthracene	0.034	U	0.034	0.025	mg/Kg	☼	10/05/25 13:19	10/06/25 13:34	1
Benzo[a]pyrene	0.034	U	0.034	0.0090	mg/Kg	☼	10/05/25 13:19	10/06/25 13:34	1
Benzo[b]fluoranthene	0.034	U	0.034	0.0087	mg/Kg	☼	10/05/25 13:19	10/06/25 13:34	1
Benzo[g,h,i]perylene	0.34	U	0.34	0.010	mg/Kg	☼	10/05/25 13:19	10/06/25 13:34	1
Benzo[k]fluoranthene	0.034	U	0.034	0.0066	mg/Kg	☼	10/05/25 13:19	10/06/25 13:34	1
Bis(2-chloroethoxy)methane	0.34	U	0.34	0.062	mg/Kg	☼	10/05/25 13:19	10/06/25 13:34	1
Bis(2-chloroethyl)ether	0.034	U	0.034	0.012	mg/Kg	☼	10/05/25 13:19	10/06/25 13:34	1
Bis(2-ethylhexyl) phthalate	0.34	U	0.34	0.018	mg/Kg	☼	10/05/25 13:19	10/06/25 13:34	1
Butyl benzyl phthalate	0.34	U	0.34	0.016	mg/Kg	☼	10/05/25 13:19	10/06/25 13:34	1
Caprolactam	0.34	U *	0.34	0.053	mg/Kg	☼	10/05/25 13:19	10/06/25 13:34	1
Carbazole	0.34	U	0.34	0.013	mg/Kg	☼	10/05/25 13:19	10/06/25 13:34	1
Chrysene	0.34	U	0.34	0.014	mg/Kg	☼	10/05/25 13:19	10/06/25 13:34	1
Dibenz(a,h)anthracene	0.034	U	0.034	0.015	mg/Kg	☼	10/05/25 13:19	10/06/25 13:34	1
Dibenzofuran	0.34	U	0.34	0.011	mg/Kg	☼	10/05/25 13:19	10/06/25 13:34	1

Client Sample ID: 6F_6-12
Date Collected: 10/02/25 08:25
Date Received: 10/02/25 16:00

Lab Sample ID: 460-336309-6
Matrix: Solid
Percent Solids: 97.9

Method: SW846 8270E - Semivolatile Organic Compounds (GC/MS) (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Diethyl phthalate	0.34	U	0.34	0.011	mg/Kg	☼	10/05/25 13:19	10/06/25 13:34	1
Dimethyl phthalate	0.34	U	0.34	0.077	mg/Kg	☼	10/05/25 13:19	10/06/25 13:34	1
Di-n-butyl phthalate	0.34	U	0.34	0.013	mg/Kg	☼	10/05/25 13:19	10/06/25 13:34	1
Di-n-octyl phthalate	0.34	U	0.34	0.018	mg/Kg	☼	10/05/25 13:19	10/06/25 13:34	1
Fluoranthene	0.34	U	0.34	0.012	mg/Kg	☼	10/05/25 13:19	10/06/25 13:34	1
Fluorene	0.34	U	0.34	0.0099	mg/Kg	☼	10/05/25 13:19	10/06/25 13:34	1
Hexachlorobenzene	0.034	U	0.034	0.016	mg/Kg	☼	10/05/25 13:19	10/06/25 13:34	1
Hexachlorobutadiene	0.068	U	0.068	0.0072	mg/Kg	☼	10/05/25 13:19	10/06/25 13:34	1
Hexachlorocyclopentadiene	0.34	U	0.34	0.030	mg/Kg	☼	10/05/25 13:19	10/06/25 13:34	1
Hexachloroethane	0.034	U	0.034	0.012	mg/Kg	☼	10/05/25 13:19	10/06/25 13:34	1
Indeno[1,2,3-cd]pyrene	0.034	U	0.034	0.013	mg/Kg	☼	10/05/25 13:19	10/06/25 13:34	1
Isophorone	0.14	U	0.14	0.098	mg/Kg	☼	10/05/25 13:19	10/06/25 13:34	1
Naphthalene	0.34	U	0.34	0.0058	mg/Kg	☼	10/05/25 13:19	10/06/25 13:34	1
Nitrobenzene	0.034	U	0.034	0.019	mg/Kg	☼	10/05/25 13:19	10/06/25 13:34	1
N-Nitrosodi-n-propylamine	0.034	U	0.034	0.025	mg/Kg	☼	10/05/25 13:19	10/06/25 13:34	1
N-Nitrosodiphenylamine	0.34	U	0.34	0.028	mg/Kg	☼	10/05/25 13:19	10/06/25 13:34	1
Pentachlorophenol	0.27	U	0.27	0.069	mg/Kg	☼	10/05/25 13:19	10/06/25 13:34	1
Phenanthrene	0.34	U	0.34	0.014	mg/Kg	☼	10/05/25 13:19	10/06/25 13:34	1
Phenol	0.34	U	0.34	0.012	mg/Kg	☼	10/05/25 13:19	10/06/25 13:34	1
Pyrene	0.34	U	0.34	0.0084	mg/Kg	☼	10/05/25 13:19	10/06/25 13:34	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
2,4,6-Tribromophenol (Surr)	*83*		*18 - 137*	*10/05/25 13:19*	*10/06/25 13:34*	*1*
2-Fluorobiphenyl	*85*		*33 - 117*	*10/05/25 13:19*	*10/06/25 13:34*	*1*
2-Fluorophenol (Surr)	*89*		*24 - 120*	*10/05/25 13:19*	*10/06/25 13:34*	*1*
Nitrobenzene-d5 (Surr)	*89*		*27 - 120*	*10/05/25 13:19*	*10/06/25 13:34*	*1*
Phenol-d5 (Surr)	*89*		*28 - 118*	*10/05/25 13:19*	*10/06/25 13:34*	*1*
Terphenyl-d14 (Surr)	*94*		*33 - 124*	*10/05/25 13:19*	*10/06/25 13:34*	*1*

Method: SW846 8081B - Organochlorine Pesticides (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
4,4'-DDD	0.0068	U	0.0068	0.0012	mg/Kg	☼	10/05/25 16:16	10/06/25 11:02	1
4,4'-DDE	0.0068	U	0.0068	0.00081	mg/Kg	☼	10/05/25 16:16	10/06/25 11:02	1
4,4'-DDT	0.0068	U	0.0068	0.0013	mg/Kg	☼	10/05/25 16:16	10/06/25 11:02	1
Aldrin	0.0068	U	0.0068	0.0010	mg/Kg	☼	10/05/25 16:16	10/06/25 11:02	1
alpha-BHC	0.0020	U	0.0020	0.00069	mg/Kg	☼	10/05/25 16:16	10/06/25 11:02	1
beta-BHC	0.0020	U	0.0020	0.00077	mg/Kg	☼	10/05/25 16:16	10/06/25 11:02	1
Chlordane (technical)	0.068	U	0.068	0.017	mg/Kg	☼	10/05/25 16:16	10/06/25 11:02	1
cis-Chlordane	0.0068	U	0.0068	0.0011	mg/Kg	☼	10/05/25 16:16	10/06/25 11:02	1
delta-BHC	0.0020	U	0.0020	0.00042	mg/Kg	☼	10/05/25 16:16	10/06/25 11:02	1
Dieldrin	0.0020	U	0.0020	0.00089	mg/Kg	☼	10/05/25 16:16	10/06/25 11:02	1
Endosulfan I	0.0068	U	0.0068	0.0010	mg/Kg	☼	10/05/25 16:16	10/06/25 11:02	1
Endosulfan II	0.0068	U	0.0068	0.0018	mg/Kg	☼	10/05/25 16:16	10/06/25 11:02	1
Endosulfan sulfate	0.0068	U	0.0068	0.00086	mg/Kg	☼	10/05/25 16:16	10/06/25 11:02	1
Endrin	0.0068	U	0.0068	0.00098	mg/Kg	☼	10/05/25 16:16	10/06/25 11:02	1
Endrin aldehyde	0.0068	U	0.0068	0.0016	mg/Kg	☼	10/05/25 16:16	10/06/25 11:02	1
Endrin ketone	0.0068	U	0.0068	0.0013	mg/Kg	☼	10/05/25 16:16	10/06/25 11:02	1
gamma-BHC (Lindane)	0.0020	U	0.0020	0.00063	mg/Kg	☼	10/05/25 16:16	10/06/25 11:02	1
Heptachlor	0.0068	U	0.0068	0.00081	mg/Kg	☼	10/05/25 16:16	10/06/25 11:02	1
Heptachlor epoxide	0.0068	U	0.0068	0.0010	mg/Kg	☼	10/05/25 16:16	10/06/25 11:02	1

Client Sample ID: 6F_6-12
Date Collected: 10/02/25 08:25
Date Received: 10/02/25 16:00

Lab Sample ID: 460-336309-6
Matrix: Solid
Percent Solids: 97.9

Method: SW846 8081B - Organochlorine Pesticides (GC) (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Methoxychlor	0.0068	U	0.0068	0.0016	mg/Kg	☼	10/05/25 16:16	10/06/25 11:02	1
Toxaphene	0.068	U	0.068	0.025	mg/Kg	☼	10/05/25 16:16	10/06/25 11:02	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
DCB Decachlorobiphenyl	*77*		*10 - 150*	*10/05/25 16:16*	*10/06/25 11:02*	*1*
DCB Decachlorobiphenyl	*97*		*10 - 150*	*10/05/25 16:16*	*10/06/25 11:02*	*1*
Tetrachloro-m-xylene	*78*		*14 - 150*	*10/05/25 16:16*	*10/06/25 11:02*	*1*
Tetrachloro-m-xylene	*78*		*14 - 150*	*10/05/25 16:16*	*10/06/25 11:02*	*1*

Method: SW846 8082A - Polychlorinated Biphenyls (PCBs) by Gas Chromatography

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Aroclor 1016	0.068	U	0.068	0.018	mg/Kg	☼	10/05/25 15:56	10/06/25 21:02	1
Aroclor 1221	0.068	U	0.068	0.018	mg/Kg	☼	10/05/25 15:56	10/06/25 21:02	1
Aroclor 1232	0.068	U	0.068	0.018	mg/Kg	☼	10/05/25 15:56	10/06/25 21:02	1
Aroclor 1242	0.068	U	0.068	0.018	mg/Kg	☼	10/05/25 15:56	10/06/25 21:02	1
Aroclor 1248	0.068	U	0.068	0.018	mg/Kg	☼	10/05/25 15:56	10/06/25 21:02	1
Aroclor 1254	0.068	U	0.068	0.018	mg/Kg	☼	10/05/25 15:56	10/06/25 21:02	1
Aroclor 1260	0.068	U	0.068	0.018	mg/Kg	☼	10/05/25 15:56	10/06/25 21:02	1
Aroclor-1262	0.068	U	0.068	0.018	mg/Kg	☼	10/05/25 15:56	10/06/25 21:02	1
Aroclor 1268	0.068	U	0.068	0.018	mg/Kg	☼	10/05/25 15:56	10/06/25 21:02	1
Polychlorinated biphenyls, Total	0.068	U	0.068	0.018	mg/Kg	☼	10/05/25 15:56	10/06/25 21:02	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
DCB Decachlorobiphenyl	*88*		*10 - 150*	*10/05/25 15:56*	*10/06/25 21:02*	*1*
DCB Decachlorobiphenyl	*89*		*10 - 150*	*10/05/25 15:56*	*10/06/25 21:02*	*1*
Tetrachloro-m-xylene	*74*		*10 - 150*	*10/05/25 15:56*	*10/06/25 21:02*	*1*
Tetrachloro-m-xylene	*84*		*10 - 150*	*10/05/25 15:56*	*10/06/25 21:02*	*1*

Method: EPA 1633A - Per- and Polyfluoroalkyl Substances by LC/MS/MS, 1633A

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Perfluorobutanoic acid (PFBA)	0.40	U	0.40	0.10	ug/Kg	☼	10/08/25 06:11	10/09/25 10:56	1
Perfluoropentanoic acid (PFPeA)	0.20	U	0.20	0.10	ug/Kg	☼	10/08/25 06:11	10/09/25 10:56	1
Perfluorohexanoic acid (PFHxA)	0.20	U	0.20	0.10	ug/Kg	☼	10/08/25 06:11	10/09/25 10:56	1
Perfluoroheptanoic acid (PFHpA)	0.20	U	0.20	0.10	ug/Kg	☼	10/08/25 06:11	10/09/25 10:56	1
Perfluorooctanoic acid (PFOA)	0.20	U	0.20	0.060	ug/Kg	☼	10/08/25 06:11	10/09/25 10:56	1
Perfluorononanoic acid (PFNA)	**0.42**		0.20	0.10	ug/Kg	☼	10/08/25 06:11	10/09/25 10:56	1
Perfluorodecanoic acid (PFDA)	**0.076**	**J**	0.20	0.060	ug/Kg	☼	10/08/25 06:11	10/09/25 10:56	1
Perfluoroundecanoic acid (PFUnA)	**11.7**		0.20	0.10	ug/Kg	☼	10/08/25 06:11	10/09/25 10:56	1
Perfluorododecanoic acid (PFDoA)	**0.30**		0.20	0.10	ug/Kg	☼	10/08/25 06:11	10/09/25 10:56	1
Perfluorotridecanoic acid (PFTrDA)	**13.1**		0.20	0.10	ug/Kg	☼	10/08/25 06:11	10/09/25 10:56	1
Perfluorotetradecanoic acid (PFTeDA)	**0.18**	**J**	0.20	0.10	ug/Kg	☼	10/08/25 06:11	10/09/25 10:56	1
Perfluorobutanesulfonic acid (PFBS)	0.20	U	0.20	0.10	ug/Kg	☼	10/08/25 06:11	10/09/25 10:56	1
Perfluoropentanesulfonic acid (PFPeS)	0.20	U	0.20	0.10	ug/Kg	☼	10/08/25 06:11	10/09/25 10:56	1
Perfluorohexanesulfonic acid (PFHxS)	0.20	U	0.20	0.10	ug/Kg	☼	10/08/25 06:11	10/09/25 10:56	1
Perfluoroheptanesulfonic acid (PFHpS)	0.20	U	0.20	0.10	ug/Kg	☼	10/08/25 06:11	10/09/25 10:56	1
Perfluorooctanesulfonic acid (PFOS)	0.20	U	0.20	0.10	ug/Kg	☼	10/08/25 06:11	10/09/25 10:56	1

Client Sample ID: 6F_6-12
Date Collected: 10/02/25 08:25
Date Received: 10/02/25 16:00

Lab Sample ID: 460-336309-6
Matrix: Solid
Percent Solids: 97.9

Method: EPA 1633A - Per- and Polyfluoroalkyl Substances by LC/MS/MS, 1633A (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Perfluorononanesulfonic acid (PFNS)	0.20	U	0.20	0.10	ug/Kg	☼	10/08/25 06:11	10/09/25 10:56	1
Perfluorodecanesulfonic acid (PFDS)	0.20	U	0.20	0.10	ug/Kg	☼	10/08/25 06:11	10/09/25 10:56	1
Perfluorododecanesulfonic acid (PFDoS)	0.20	U	0.20	0.10	ug/Kg	☼	10/08/25 06:11	10/09/25 10:56	1
1H,1H,2H,2H-Perfluorohexane sulfonic acid (4:2 FTS)	0.40	U	0.40	0.20	ug/Kg	☼	10/08/25 06:11	10/09/25 10:56	1
1H,1H,2H,2H-Perfluorooctane sulfonic acid (6:2 FTS)	0.40	U	0.40	0.20	ug/Kg	☼	10/08/25 06:11	10/09/25 10:56	1
1H,1H,2H,2H-Perfluorodecane sulfonic acid (8:2 FTS)	0.40	U	0.40	0.20	ug/Kg	☼	10/08/25 06:11	10/09/25 10:56	1
Perfluorooctanesulfonamide (PFOSA)	0.20	U	0.20	0.10	ug/Kg	☼	10/08/25 06:11	10/09/25 10:56	1
N-methylperfluorooctane sulfonamide (NMeFOSA)	0.20	U	0.20	0.10	ug/Kg	☼	10/08/25 06:11	10/09/25 10:56	1
N-ethylperfluorooctane sulfonamide (NEtFOSA)	0.20	U	0.20	0.10	ug/Kg	☼	10/08/25 06:11	10/09/25 10:56	1
N-methylperfluorooctanesulfonamidoacetic acid (NMeFOSAA)	0.20	U	0.20	0.10	ug/Kg	☼	10/08/25 06:11	10/09/25 10:56	1
N-ethylperfluorooctanesulfonamidoacetic acid (NEtFOSAA)	0.20	U	0.20	0.10	ug/Kg	☼	10/08/25 06:11	10/09/25 10:56	1
N-methylperfluorooctane sulfonamidoethanol (NMeFOSE)	1.00	U	1.00	0.50	ug/Kg	☼	10/08/25 06:11	10/09/25 10:56	1
N-ethylperfluorooctane sulfonamidoethanol (NEtFOSE)	1.00	U	1.00	0.50	ug/Kg	☼	10/08/25 06:11	10/09/25 10:56	1
Hexafluoropropylene Oxide Dimer Acid (HFPO-DA)	0.20	U	0.20	0.10	ug/Kg	☼	10/08/25 06:11	10/09/25 10:56	1
4,8-Dioxa-3H-perfluorononanoic acid (ADONA)	0.20	U	0.20	0.10	ug/Kg	☼	10/08/25 06:11	10/09/25 10:56	1
Perfluoro-3-methoxypropanoic acid (PFMPA)	0.20	U	0.20	0.10	ug/Kg	☼	10/08/25 06:11	10/09/25 10:56	1
Perfluoro-4-methoxybutanoic acid (PFMBA)	0.20	U	0.20	0.10	ug/Kg	☼	10/08/25 06:11	10/09/25 10:56	1
Nonafluoro-3,6-dioxaheptanoic acid (NFDHA)	0.20	U	0.20	0.10	ug/Kg	☼	10/08/25 06:11	10/09/25 10:56	1
9-Chlorohexadecafluoro-3-oxanonane-1-sulfonic acid (9Cl-PF3ONS)	0.20	U	0.20	0.10	ug/Kg	☼	10/08/25 06:11	10/09/25 10:56	1
11-Chloroeicosafluoro-3-oxaundecane-1-sulfonic acid (11Cl-PF3OUdS)	0.20	U	0.20	0.10	ug/Kg	☼	10/08/25 06:11	10/09/25 10:56	1
Perfluoro (2-ethoxyethane) sulfonic acid (PFEESA)	0.20	U	0.20	0.10	ug/Kg	☼	10/08/25 06:11	10/09/25 10:56	1
3-Perfluoropropylpropanoic acid (3:3 FTCA)	0.40	U	0.40	0.20	ug/Kg	☼	10/08/25 06:11	10/09/25 10:56	1
3-Perfluoropentylpropanoic acid (5:3 FTCA)	1.00	U	1.00	0.50	ug/Kg	☼	10/08/25 06:11	10/09/25 10:56	1
3-Perfluoroheptylpropanoic acid (7:3 FTCA)	1.00	U	1.00	0.50	ug/Kg	☼	10/08/25 06:11	10/09/25 10:56	1

Isotope Dilution	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
13C4 PFBA	*76.4*		*8 - 130*	*10/08/25 06:11*	*10/09/25 10:56*	*1*
13C5 PFPeA	*81.5*		*35 - 130*	*10/08/25 06:11*	*10/09/25 10:56*	*1*
13C5 PFHxA	*76.3*		*40 - 130*	*10/08/25 06:11*	*10/09/25 10:56*	*1*
13C4 PFHpA	*77.2*		*40 - 130*	*10/08/25 06:11*	*10/09/25 10:56*	*1*
13C8 PFOA	*74.3*		*40 - 130*	*10/08/25 06:11*	*10/09/25 10:56*	*1*
13C9 PFNA	*82.1*		*40 - 130*	*10/08/25 06:11*	*10/09/25 10:56*	*1*
13C6 PFDA	*73.3*		*40 - 130*	*10/08/25 06:11*	*10/09/25 10:56*	*1*
13C7 PFUnA	*64.8*		*40 - 130*	*10/08/25 06:11*	*10/09/25 10:56*	*1*

Client Sample ID: 6F_6-12
Date Collected: 10/02/25 08:25
Date Received: 10/02/25 16:00

Lab Sample ID: 460-336309-6
Matrix: Solid
Percent Solids: 97.9

Method: EPA 1633A - Per- and Polyfluoroalkyl Substances by LC/MS/MS, 1633A (Continued)

Isotope Dilution	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
13C2 PFTeDA	43.4		20 - 130	10/08/25 06:11	10/09/25 10:56	1
13C3 PFBS	75.6		40 - 135	10/08/25 06:11	10/09/25 10:56	1
13C3 PFHxS	67.7		40 - 130	10/08/25 06:11	10/09/25 10:56	1
13C8 PFOS	72.5		40 - 130	10/08/25 06:11	10/09/25 10:56	1
13C8 FOSA	77.4		40 - 130	10/08/25 06:11	10/09/25 10:56	1
d3-NMeFOSAA	68.4		40 - 135	10/08/25 06:11	10/09/25 10:56	1
d5-NEtFOSAA	56.8		40 - 150	10/08/25 06:11	10/09/25 10:56	1
13C2 4:2 FTS	87.2		40 - 165	10/08/25 06:11	10/09/25 10:56	1
13C2 6:2 FTS	80.0		40 - 215	10/08/25 06:11	10/09/25 10:56	1
13C2 8:2 FTS	103		40 - 275	10/08/25 06:11	10/09/25 10:56	1
13C3 HFPO-DA	68.9		40 - 130	10/08/25 06:11	10/09/25 10:56	1
d7-N-MeFOSE-M	64.5		20 - 130	10/08/25 06:11	10/09/25 10:56	1
d9-N-EtFOSE-M	51.9		15 - 130	10/08/25 06:11	10/09/25 10:56	1
d5-NEtPFOSA	63.3		10 - 130	10/08/25 06:11	10/09/25 10:56	1
d3-NMePFOSA	69.3		10 - 130	10/08/25 06:11	10/09/25 10:56	1
13C2 PFDoA	62.3		40 - 130	10/08/25 06:11	10/09/25 10:56	1

Method: SW846 6020B - Metals (ICP/MS)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Aluminum	7220		18.2	5.0	mg/Kg	☼	10/08/25 06:57	10/08/25 15:39	1
Antimony	0.79	J	0.91	0.13	mg/Kg	☼	10/08/25 06:57	10/08/25 15:39	1
Arsenic	6.9		0.91	0.094	mg/Kg	☼	10/08/25 06:57	10/08/25 15:39	1
Barium	55.8		1.8	0.13	mg/Kg	☼	10/08/25 06:57	10/08/25 15:39	1
Beryllium	0.76		0.36	0.020	mg/Kg	☼	10/08/25 06:57	10/08/25 15:39	1
Cadmium	0.30	J	0.91	0.10	mg/Kg	☼	10/08/25 06:57	10/08/25 15:39	1
Calcium	1310		91.2	8.9	mg/Kg	☼	10/08/25 06:57	10/08/25 15:39	1
Chromium	35.0		1.8	0.27	mg/Kg	☼	10/08/25 06:57	10/08/25 15:39	1
Cobalt	11.6		0.91	0.14	mg/Kg	☼	10/08/25 06:57	10/08/25 15:39	1
Copper	88.3		1.8	0.34	mg/Kg	☼	10/08/25 06:57	10/08/25 15:39	1
Iron	20300		54.7	7.0	mg/Kg	☼	10/08/25 06:57	10/08/25 15:39	1
Lead	248		0.55	0.18	mg/Kg	☼	10/08/25 06:57	10/08/25 15:39	1
Magnesium	2360		91.2	9.3	mg/Kg	☼	10/08/25 06:57	10/08/25 15:39	1
Manganese	236		3.6	0.37	mg/Kg	☼	10/08/25 06:57	10/08/25 15:39	1
Nickel	41.5		1.8	0.16	mg/Kg	☼	10/08/25 06:57	10/08/25 15:39	1
Potassium	938		91.2	14.8	mg/Kg	☼	10/08/25 06:57	10/08/25 15:39	1
Selenium	0.44	J	1.1	0.12	mg/Kg	☼	10/08/25 06:57	10/08/25 15:39	1
Silver	0.23	J	0.36	0.081	mg/Kg	☼	10/08/25 06:57	10/08/25 15:39	1
Sodium	110		91.2	41.7	mg/Kg	☼	10/08/25 06:57	10/08/25 15:39	1
Thallium	0.081	J	0.36	0.037	mg/Kg	☼	10/08/25 06:57	10/08/25 15:39	1
Vanadium	23.3		1.8	0.19	mg/Kg	☼	10/08/25 06:57	10/08/25 15:39	1
Zinc	224		7.3	0.99	mg/Kg	☼	10/08/25 06:57	10/08/25 15:39	1

Method: SW846 7471B - Mercury (CVAA)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	0.034		0.017	0.0078	mg/Kg	☼	10/09/25 01:54	10/09/25 08:37	1

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Percent Moisture (EPA Moisture)	2.1		1.0	1.0	%			10/07/25 16:17	1
Percent Solids (EPA Moisture)	97.9		1.0	1.0	%			10/07/25 16:17	1

Client Sample ID: 4A_0-7
Date Collected: 10/02/25 08:30
Date Received: 10/02/25 16:00

Lab Sample ID: 460-336309-7
Matrix: Solid
Percent Solids: 93.4

Method: SW846 8270E - Semivolatile Organic Compounds (GC/MS)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1'-Biphenyl	0.35	U	0.35	0.012	mg/Kg	☼	10/05/25 13:19	10/06/25 15:25	1
1,2,4,5-Tetrachlorobenzene	0.35	U	0.35	0.011	mg/Kg	☼	10/05/25 13:19	10/06/25 15:25	1
1,4-Dioxane	0.035	U	0.035	0.031	mg/Kg	☼	10/05/25 13:19	10/06/25 15:25	1
2,2'-oxybis[1-chloropropane]	0.35	U	0.35	0.021	mg/Kg	☼	10/05/25 13:19	10/06/25 15:25	1
2,3,4,6-Tetrachlorophenol	0.35	U	0.35	0.024	mg/Kg	☼	10/05/25 13:19	10/06/25 15:25	1
2,4,5-Trichlorophenol	0.35	U	0.35	0.036	mg/Kg	☼	10/05/25 13:19	10/06/25 15:25	1
2,4,6-Trichlorophenol	0.14	U	0.14	0.045	mg/Kg	☼	10/05/25 13:19	10/06/25 15:25	1
2,4-Dichlorophenol	0.14	U	0.14	0.023	mg/Kg	☼	10/05/25 13:19	10/06/25 15:25	1
2,4-Dimethylphenol	0.35	U	0.35	0.042	mg/Kg	☼	10/05/25 13:19	10/06/25 15:25	1
2,4-Dinitrophenol	0.28	U	0.28	0.17	mg/Kg	☼	10/05/25 13:19	10/06/25 15:25	1
2,4-Dinitrotoluene	0.071	U	0.071	0.038	mg/Kg	☼	10/05/25 13:19	10/06/25 15:25	1
2,6-Dinitrotoluene	0.071	U	0.071	0.025	mg/Kg	☼	10/05/25 13:19	10/06/25 15:25	1
2-Chloronaphthalene	0.35	U	0.35	0.045	mg/Kg	☼	10/05/25 13:19	10/06/25 15:25	1
2-Chlorophenol	0.35	U	0.35	0.013	mg/Kg	☼	10/05/25 13:19	10/06/25 15:25	1
2-Methylnaphthalene	0.35	U	0.35	0.0099	mg/Kg	☼	10/05/25 13:19	10/06/25 15:25	1
2-Methylphenol	0.35	U	0.35	0.013	mg/Kg	☼	10/05/25 13:19	10/06/25 15:25	1
2-Nitroaniline	0.35	U	0.35	0.027	mg/Kg	☼	10/05/25 13:19	10/06/25 15:25	1
2-Nitrophenol	0.35	U	0.35	0.035	mg/Kg	☼	10/05/25 13:19	10/06/25 15:25	1
3 & 4 Methylphenol	0.35	U	0.35	0.022	mg/Kg	☼	10/05/25 13:19	10/06/25 15:25	1
3,3'-Dichlorobenzidine	0.14	U	0.14	0.053	mg/Kg	☼	10/05/25 13:19	10/06/25 15:25	1
3-Nitroaniline	0.35	U	0.35	0.084	mg/Kg	☼	10/05/25 13:19	10/06/25 15:25	1
4,6-Dinitro-2-methylphenol	0.28	U	0.28	0.14	mg/Kg	☼	10/05/25 13:19	10/06/25 15:25	1
4-Bromophenyl phenyl ether	0.35	U	0.35	0.014	mg/Kg	☼	10/05/25 13:19	10/06/25 15:25	1
4-Chloro-3-methylphenol	0.35	U	0.35	0.020	mg/Kg	☼	10/05/25 13:19	10/06/25 15:25	1
4-Chloroaniline	0.35	U	0.35	0.063	mg/Kg	☼	10/05/25 13:19	10/06/25 15:25	1
4-Chlorophenyl phenyl ether	0.35	U	0.35	0.012	mg/Kg	☼	10/05/25 13:19	10/06/25 15:25	1
4-Methylphenol	0.35	U	0.35	0.022	mg/Kg	☼	10/05/25 13:19	10/06/25 15:25	1
4-Nitroaniline	0.35	U	0.35	0.089	mg/Kg	☼	10/05/25 13:19	10/06/25 15:25	1
4-Nitrophenol	0.71	U	0.71	0.057	mg/Kg	☼	10/05/25 13:19	10/06/25 15:25	1
Acenaphthene	0.35	U	0.35	0.010	mg/Kg	☼	10/05/25 13:19	10/06/25 15:25	1
Acenaphthylene	0.35	U	0.35	0.010	mg/Kg	☼	10/05/25 13:19	10/06/25 15:25	1
Acetophenone	0.35	U	0.35	0.017	mg/Kg	☼	10/05/25 13:19	10/06/25 15:25	1
Anthracene	0.35	U	0.35	0.011	mg/Kg	☼	10/05/25 13:19	10/06/25 15:25	1
Atrazine	0.14	U *	0.14	0.021	mg/Kg	☼	10/05/25 13:19	10/06/25 15:25	1
Benzaldehyde	0.35	U *	0.35	0.058	mg/Kg	☼	10/05/25 13:19	10/06/25 15:25	1
Benzo[a]anthracene	**0.032**	**J**	0.035	0.027	mg/Kg	☼	10/05/25 13:19	10/06/25 15:25	1
Benzo[a]pyrene	**0.025**	**J**	0.035	0.0094	mg/Kg	☼	10/05/25 13:19	10/06/25 15:25	1
Benzo[b]fluoranthene	**0.035**		0.035	0.0091	mg/Kg	☼	10/05/25 13:19	10/06/25 15:25	1
Benzo[g,h,i]perylene	**0.035**	**J**	0.35	0.010	mg/Kg	☼	10/05/25 13:19	10/06/25 15:25	1
Benzo[k]fluoranthene	**0.013**	**J**	0.035	0.0069	mg/Kg	☼	10/05/25 13:19	10/06/25 15:25	1
Bis(2-chloroethoxy)methane	0.35	U	0.35	0.065	mg/Kg	☼	10/05/25 13:19	10/06/25 15:25	1
Bis(2-chloroethyl)ether	0.035	U	0.035	0.012	mg/Kg	☼	10/05/25 13:19	10/06/25 15:25	1
Bis(2-ethylhexyl) phthalate	0.35	U	0.35	0.019	mg/Kg	☼	10/05/25 13:19	10/06/25 15:25	1
Butyl benzyl phthalate	0.35	U	0.35	0.017	mg/Kg	☼	10/05/25 13:19	10/06/25 15:25	1
Caprolactam	0.35	U *	0.35	0.055	mg/Kg	☼	10/05/25 13:19	10/06/25 15:25	1
Carbazole	0.35	U	0.35	0.013	mg/Kg	☼	10/05/25 13:19	10/06/25 15:25	1
Chrysene	**0.031**	**J**	0.35	0.015	mg/Kg	☼	10/05/25 13:19	10/06/25 15:25	1
Dibenz(a,h)anthracene	0.035	U	0.035	0.015	mg/Kg	☼	10/05/25 13:19	10/06/25 15:25	1
Dibenzofuran	0.35	U	0.35	0.012	mg/Kg	☼	10/05/25 13:19	10/06/25 15:25	1

Client Sample ID: 4A_0-7

Date Collected: 10/02/25 08:30
Date Received: 10/02/25 16:00

Lab Sample ID: 460-336309-7

Matrix: Solid
Percent Solids: 93.4

Method: SW846 8270E - Semivolatile Organic Compounds (GC/MS) (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Diethyl phthalate	0.35	U	0.35	0.011	mg/Kg	☼	10/05/25 13:19	10/06/25 15:25	1
Dimethyl phthalate	0.35	U	0.35	0.080	mg/Kg	☼	10/05/25 13:19	10/06/25 15:25	1
Di-n-butyl phthalate	0.35	U	0.35	0.013	mg/Kg	☼	10/05/25 13:19	10/06/25 15:25	1
Di-n-octyl phthalate	0.35	U	0.35	0.019	mg/Kg	☼	10/05/25 13:19	10/06/25 15:25	1
Fluoranthene	**0.027**	**J**	0.35	0.012	mg/Kg	☼	10/05/25 13:19	10/06/25 15:25	1
Fluorene	0.35	U	0.35	0.010	mg/Kg	☼	10/05/25 13:19	10/06/25 15:25	1
Hexachlorobenzene	0.035	U	0.035	0.017	mg/Kg	☼	10/05/25 13:19	10/06/25 15:25	1
Hexachlorobutadiene	0.071	U	0.071	0.0075	mg/Kg	☼	10/05/25 13:19	10/06/25 15:25	1
Hexachlorocyclopentadiene	0.35	U	0.35	0.031	mg/Kg	☼	10/05/25 13:19	10/06/25 15:25	1
Hexachloroethane	0.035	U	0.035	0.012	mg/Kg	☼	10/05/25 13:19	10/06/25 15:25	1
Indeno[1,2,3-cd]pyrene	**0.023**	**J**	0.035	0.014	mg/Kg	☼	10/05/25 13:19	10/06/25 15:25	1
Isophorone	0.14	U	0.14	0.10	mg/Kg	☼	10/05/25 13:19	10/06/25 15:25	1
Naphthalene	0.35	U	0.35	0.0061	mg/Kg	☼	10/05/25 13:19	10/06/25 15:25	1
Nitrobenzene	0.035	U	0.035	0.020	mg/Kg	☼	10/05/25 13:19	10/06/25 15:25	1
N-Nitrosodi-n-propylamine	0.035	U	0.035	0.026	mg/Kg	☼	10/05/25 13:19	10/06/25 15:25	1
N-Nitrosodiphenylamine	0.35	U	0.35	0.029	mg/Kg	☼	10/05/25 13:19	10/06/25 15:25	1
Pentachlorophenol	0.28	U	0.28	0.072	mg/Kg	☼	10/05/25 13:19	10/06/25 15:25	1
Phenanthrene	**0.016**	**J**	0.35	0.014	mg/Kg	☼	10/05/25 13:19	10/06/25 15:25	1
Phenol	0.35	U	0.35	0.013	mg/Kg	☼	10/05/25 13:19	10/06/25 15:25	1
Pyrene	**0.031**	**J**	0.35	0.0088	mg/Kg	☼	10/05/25 13:19	10/06/25 15:25	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
2,4,6-Tribromophenol (Surr)	*81*		*18 - 137*	*10/05/25 13:19*	*10/06/25 15:25*	*1*
2-Fluorobiphenyl	*79*		*33 - 117*	*10/05/25 13:19*	*10/06/25 15:25*	*1*
2-Fluorophenol (Surr)	*77*		*24 - 120*	*10/05/25 13:19*	*10/06/25 15:25*	*1*
Nitrobenzene-d5 (Surr)	*74*		*27 - 120*	*10/05/25 13:19*	*10/06/25 15:25*	*1*
Phenol-d5 (Surr)	*80*		*28 - 118*	*10/05/25 13:19*	*10/06/25 15:25*	*1*
Terphenyl-d14 (Surr)	*89*		*33 - 124*	*10/05/25 13:19*	*10/06/25 15:25*	*1*

Method: SW846 8081B - Organochlorine Pesticides (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
4,4'-DDD	0.0072	U	0.0072	0.0012	mg/Kg	☼	10/05/25 16:16	10/06/25 11:14	1
4,4'-DDE	0.0072	U	0.0072	0.00085	mg/Kg	☼	10/05/25 16:16	10/06/25 11:14	1
4,4'-DDT	0.0072	U	0.0072	0.0013	mg/Kg	☼	10/05/25 16:16	10/06/25 11:14	1
Aldrin	0.0072	U	0.0072	0.0011	mg/Kg	☼	10/05/25 16:16	10/06/25 11:14	1
alpha-BHC	0.0021	U	0.0021	0.00073	mg/Kg	☼	10/05/25 16:16	10/06/25 11:14	1
beta-BHC	0.0021	U	0.0021	0.00080	mg/Kg	☼	10/05/25 16:16	10/06/25 11:14	1
Chlordane (technical)	0.072	U	0.072	0.017	mg/Kg	☼	10/05/25 16:16	10/06/25 11:14	1
cis-Chlordane	0.0072	U	0.0072	0.0011	mg/Kg	☼	10/05/25 16:16	10/06/25 11:14	1
delta-BHC	0.0021	U	0.0021	0.00044	mg/Kg	☼	10/05/25 16:16	10/06/25 11:14	1
Dieldrin	0.0021	U	0.0021	0.00093	mg/Kg	☼	10/05/25 16:16	10/06/25 11:14	1
Endosulfan I	0.0072	U	0.0072	0.0011	mg/Kg	☼	10/05/25 16:16	10/06/25 11:14	1
Endosulfan II	0.0072	U	0.0072	0.0018	mg/Kg	☼	10/05/25 16:16	10/06/25 11:14	1
Endosulfan sulfate	0.0072	U	0.0072	0.00090	mg/Kg	☼	10/05/25 16:16	10/06/25 11:14	1
Endrin	0.0072	U	0.0072	0.0010	mg/Kg	☼	10/05/25 16:16	10/06/25 11:14	1
Endrin aldehyde	0.0072	U	0.0072	0.0017	mg/Kg	☼	10/05/25 16:16	10/06/25 11:14	1
Endrin ketone	0.0072	U	0.0072	0.0014	mg/Kg	☼	10/05/25 16:16	10/06/25 11:14	1
gamma-BHC (Lindane)	0.0021	U	0.0021	0.00066	mg/Kg	☼	10/05/25 16:16	10/06/25 11:14	1
Heptachlor	0.0072	U	0.0072	0.00085	mg/Kg	☼	10/05/25 16:16	10/06/25 11:14	1
Heptachlor epoxide	0.0072	U	0.0072	0.0011	mg/Kg	☼	10/05/25 16:16	10/06/25 11:14	1

Client Sample ID: 4A_0-7

Date Collected: 10/02/25 08:30
Date Received: 10/02/25 16:00

Lab Sample ID: 460-336309-7

Matrix: Solid
Percent Solids: 93.4

Method: SW846 8081B - Organochlorine Pesticides (GC) (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Methoxychlor	0.0072	U	0.0072	0.0016	mg/Kg	☼	10/05/25 16:16	10/06/25 11:14	1
Toxaphene	0.072	U	0.072	0.026	mg/Kg	☼	10/05/25 16:16	10/06/25 11:14	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
DCB Decachlorobiphenyl	*110*		*10 - 150*	*10/05/25 16:16*	*10/06/25 11:14*	*1*
DCB Decachlorobiphenyl	*132*		*10 - 150*	*10/05/25 16:16*	*10/06/25 11:14*	*1*
Tetrachloro-m-xylene	*107*		*14 - 150*	*10/05/25 16:16*	*10/06/25 11:14*	*1*
Tetrachloro-m-xylene	*107*		*14 - 150*	*10/05/25 16:16*	*10/06/25 11:14*	*1*

Method: SW846 8082A - Polychlorinated Biphenyls (PCBs) by Gas Chromatography

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Aroclor 1016	0.072	U	0.072	0.019	mg/Kg	☼	10/05/25 15:56	10/06/25 21:19	1
Aroclor 1221	0.072	U	0.072	0.019	mg/Kg	☼	10/05/25 15:56	10/06/25 21:19	1
Aroclor 1232	0.072	U	0.072	0.019	mg/Kg	☼	10/05/25 15:56	10/06/25 21:19	1
Aroclor 1242	0.072	U	0.072	0.019	mg/Kg	☼	10/05/25 15:56	10/06/25 21:19	1
Aroclor 1248	0.072	U	0.072	0.019	mg/Kg	☼	10/05/25 15:56	10/06/25 21:19	1
Aroclor 1254	0.072	U	0.072	0.019	mg/Kg	☼	10/05/25 15:56	10/06/25 21:19	1
Aroclor 1260	0.072	U	0.072	0.019	mg/Kg	☼	10/05/25 15:56	10/06/25 21:19	1
Aroclor-1262	0.072	U	0.072	0.019	mg/Kg	☼	10/05/25 15:56	10/06/25 21:19	1
Aroclor 1268	0.072	U	0.072	0.019	mg/Kg	☼	10/05/25 15:56	10/06/25 21:19	1
Polychlorinated biphenyls, Total	0.072	U	0.072	0.019	mg/Kg	☼	10/05/25 15:56	10/06/25 21:19	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
DCB Decachlorobiphenyl	*129*		*10 - 150*	*10/05/25 15:56*	*10/06/25 21:19*	*1*
DCB Decachlorobiphenyl	*126*		*10 - 150*	*10/05/25 15:56*	*10/06/25 21:19*	*1*
Tetrachloro-m-xylene	*105*		*10 - 150*	*10/05/25 15:56*	*10/06/25 21:19*	*1*
Tetrachloro-m-xylene	*117*		*10 - 150*	*10/05/25 15:56*	*10/06/25 21:19*	*1*

Method: EPA 1633A - Per- and Polyfluoroalkyl Substances by LC/MS/MS, 1633A

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Perfluorobutanoic acid (PFBA)	0.40	U	0.40	0.099	ug/Kg	☼	10/08/25 06:11	10/09/25 11:10	1
Perfluoropentanoic acid (PFPeA)	0.20	U	0.20	0.099	ug/Kg	☼	10/08/25 06:11	10/09/25 11:10	1
Perfluorohexanoic acid (PFHxA)	0.20	U	0.20	0.099	ug/Kg	☼	10/08/25 06:11	10/09/25 11:10	1
Perfluoroheptanoic acid (PFHpA)	0.20	U	0.20	0.099	ug/Kg	☼	10/08/25 06:11	10/09/25 11:10	1
Perfluorooctanoic acid (PFOA)	**0.075**	**J**	0.20	0.059	ug/Kg	☼	10/08/25 06:11	10/09/25 11:10	1
Perfluorononanoic acid (PFNA)	**0.33**		0.20	0.099	ug/Kg	☼	10/08/25 06:11	10/09/25 11:10	1
Perfluorodecanoic acid (PFDA)	0.20	U	0.20	0.059	ug/Kg	☼	10/08/25 06:11	10/09/25 11:10	1
Perfluoroundecanoic acid (PFUnA)	**1.79**		0.20	0.099	ug/Kg	☼	10/08/25 06:11	10/09/25 11:10	1
Perfluorododecanoic acid (PFDoA)	**0.11**	**J**	0.20	0.099	ug/Kg	☼	10/08/25 06:11	10/09/25 11:10	1
Perfluorotridecanoic acid (PFTrDA)	**3.08**		0.20	0.099	ug/Kg	☼	10/08/25 06:11	10/09/25 11:10	1
Perfluorotetradecanoic acid (PFTeDA)	0.20	U	0.20	0.099	ug/Kg	☼	10/08/25 06:11	10/09/25 11:10	1
Perfluorobutanesulfonic acid (PFBS)	0.20	U	0.20	0.099	ug/Kg	☼	10/08/25 06:11	10/09/25 11:10	1
Perfluoropentanesulfonic acid (PFPeS)	0.20	U	0.20	0.099	ug/Kg	☼	10/08/25 06:11	10/09/25 11:10	1
Perfluorohexanesulfonic acid (PFHxS)	0.20	U	0.20	0.099	ug/Kg	☼	10/08/25 06:11	10/09/25 11:10	1
Perfluoroheptanesulfonic acid (PFHpS)	0.20	U	0.20	0.099	ug/Kg	☼	10/08/25 06:11	10/09/25 11:10	1
Perfluorooctanesulfonic acid (PFOS)	0.20	U	0.20	0.099	ug/Kg	☼	10/08/25 06:11	10/09/25 11:10	1
Perfluorononanesulfonic acid (PFNS)	0.20	U	0.20	0.099	ug/Kg	☼	10/08/25 06:11	10/09/25 11:10	1

Client Sample ID: 4A_0-7
Date Collected: 10/02/25 08:30
Date Received: 10/02/25 16:00

Lab Sample ID: 460-336309-7
Matrix: Solid
Percent Solids: 93.4

Method: EPA 1633A - Per- and Polyfluoroalkyl Substances by LC/MS/MS, 1633A (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Perfluorodecanesulfonic acid (PFDS)	0.20	U	0.20	0.099	ug/Kg	☼	10/08/25 06:11	10/09/25 11:10	1
Perfluorododecanesulfonic acid (PFDoS)	0.20	U	0.20	0.099	ug/Kg	☼	10/08/25 06:11	10/09/25 11:10	1
1H,1H,2H,2H-Perfluorohexane sulfonic acid (4:2 FTS)	0.40	U	0.40	0.20	ug/Kg	☼	10/08/25 06:11	10/09/25 11:10	1
1H,1H,2H,2H-Perfluorooctane sulfonic acid (6:2 FTS)	0.40	U	0.40	0.20	ug/Kg	☼	10/08/25 06:11	10/09/25 11:10	1
1H,1H,2H,2H-Perfluorodecane sulfonic acid (8:2 FTS)	0.40	U	0.40	0.20	ug/Kg	☼	10/08/25 06:11	10/09/25 11:10	1
Perfluorooctanesulfonamide (PFOSA)	0.20	U	0.20	0.099	ug/Kg	☼	10/08/25 06:11	10/09/25 11:10	1
N-methylperfluorooctane sulfonamide (NMeFOSA)	0.20	U	0.20	0.099	ug/Kg	☼	10/08/25 06:11	10/09/25 11:10	1
N-ethylperfluorooctane sulfonamide (NEtFOSA)	0.20	U	0.20	0.099	ug/Kg	☼	10/08/25 06:11	10/09/25 11:10	1
N-methylperfluorooctanesulfonamidoacetic acid (NMeFOSAA)	0.20	U	0.20	0.099	ug/Kg	☼	10/08/25 06:11	10/09/25 11:10	1
N-ethylperfluorooctanesulfonamidoacetic acid (NEtFOSAA)	0.20	U	0.20	0.099	ug/Kg	☼	10/08/25 06:11	10/09/25 11:10	1
N-methylperfluorooctane sulfonamidoethanol (NMeFOSE)	0.99	U	0.99	0.50	ug/Kg	☼	10/08/25 06:11	10/09/25 11:10	1
N-ethylperfluorooctane sulfonamidoethanol (NEtFOSE)	0.99	U	0.99	0.50	ug/Kg	☼	10/08/25 06:11	10/09/25 11:10	1
Hexafluoropropylene Oxide Dimer Acid (HFPO-DA)	0.20	U	0.20	0.099	ug/Kg	☼	10/08/25 06:11	10/09/25 11:10	1
4,8-Dioxa-3H-perfluorononanoic acid (ADONA)	0.20	U	0.20	0.099	ug/Kg	☼	10/08/25 06:11	10/09/25 11:10	1
Perfluoro-3-methoxypropanoic acid (PFMPA)	0.20	U	0.20	0.099	ug/Kg	☼	10/08/25 06:11	10/09/25 11:10	1
Perfluoro-4-methoxybutanoic acid (PFMBA)	0.20	U	0.20	0.099	ug/Kg	☼	10/08/25 06:11	10/09/25 11:10	1
Nonafluoro-3,6-dioxaheptanoic acid (NFDHA)	0.20	U	0.20	0.099	ug/Kg	☼	10/08/25 06:11	10/09/25 11:10	1
9-Chlorohexadecafluoro-3-oxanonane-1-sulfonic acid (9Cl-PF3ONS)	0.20	U	0.20	0.099	ug/Kg	☼	10/08/25 06:11	10/09/25 11:10	1
11-Chloroeicosafluoro-3-oxaundecane-1-sulfonic acid (11Cl-PF3OUdS)	0.20	U	0.20	0.099	ug/Kg	☼	10/08/25 06:11	10/09/25 11:10	1
Perfluoro (2-ethoxyethane) sulfonic acid (PFEESA)	0.20	U	0.20	0.099	ug/Kg	☼	10/08/25 06:11	10/09/25 11:10	1
3-Perfluoropropylpropanoic acid (3:3 FTCA)	0.40	U	0.40	0.20	ug/Kg	☼	10/08/25 06:11	10/09/25 11:10	1
3-Perfluoropentylpropanoic acid (5:3 FTCA)	0.99	U	0.99	0.50	ug/Kg	☼	10/08/25 06:11	10/09/25 11:10	1
3-Perfluoroheptylpropanoic acid (7:3 FTCA)	0.99	U	0.99	0.50	ug/Kg	☼	10/08/25 06:11	10/09/25 11:10	1

Isotope Dilution	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
13C4 PFBA	*89.5*		*8 - 130*	*10/08/25 06:11*	*10/09/25 11:10*	*1*
13C5 PFPeA	*93.1*		*35 - 130*	*10/08/25 06:11*	*10/09/25 11:10*	*1*
13C5 PFHxA	*87.9*		*40 - 130*	*10/08/25 06:11*	*10/09/25 11:10*	*1*
13C4 PFHpA	*86.0*		*40 - 130*	*10/08/25 06:11*	*10/09/25 11:10*	*1*
13C8 PFOA	*83.3*		*40 - 130*	*10/08/25 06:11*	*10/09/25 11:10*	*1*
13C9 PFNA	*82.3*		*40 - 130*	*10/08/25 06:11*	*10/09/25 11:10*	*1*
13C6 PFDA	*80.5*		*40 - 130*	*10/08/25 06:11*	*10/09/25 11:10*	*1*
13C7 PFUnA	*75.1*		*40 - 130*	*10/08/25 06:11*	*10/09/25 11:10*	*1*
13C2 PFTeDA	*54.0*		*20 - 130*	*10/08/25 06:11*	*10/09/25 11:10*	*1*

Client Sample ID: 4A_0-7

Date Collected: 10/02/25 08:30
Date Received: 10/02/25 16:00

Lab Sample ID: 460-336309-7

Matrix: Solid
Percent Solids: 93.4

Method: EPA 1633A - Per- and Polyfluoroalkyl Substances by LC/MS/MS, 1633A (Continued)

Isotope Dilution	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
13C3 PFBS	77.1		40 - 135	10/08/25 06:11	10/09/25 11:10	1
13C3 PFHxS	77.7		40 - 130	10/08/25 06:11	10/09/25 11:10	1
13C8 PFOS	79.7		40 - 130	10/08/25 06:11	10/09/25 11:10	1
13C8 FOSA	79.1		40 - 130	10/08/25 06:11	10/09/25 11:10	1
d3-NMeFOSAA	77.9		40 - 135	10/08/25 06:11	10/09/25 11:10	1
d5-NEtFOSAA	65.6		40 - 150	10/08/25 06:11	10/09/25 11:10	1
13C2 4:2 FTS	125		40 - 165	10/08/25 06:11	10/09/25 11:10	1
13C2 6:2 FTS	96.8		40 - 215	10/08/25 06:11	10/09/25 11:10	1
13C2 8:2 FTS	114		40 - 275	10/08/25 06:11	10/09/25 11:10	1
13C3 HFPO-DA	74.9		40 - 130	10/08/25 06:11	10/09/25 11:10	1
d7-N-MeFOSE-M	50.9		20 - 130	10/08/25 06:11	10/09/25 11:10	1
d9-N-EtFOSE-M	38.3		15 - 130	10/08/25 06:11	10/09/25 11:10	1
d5-NEtPFOSA	67.4		10 - 130	10/08/25 06:11	10/09/25 11:10	1
d3-NMePFOSA	70.3		10 - 130	10/08/25 06:11	10/09/25 11:10	1
13C2 PFDoA	71.9		40 - 130	10/08/25 06:11	10/09/25 11:10	1

Method: SW846 6020B - Metals (ICP/MS)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Aluminum	6490		21.4	5.9	mg/Kg	☼	10/08/25 06:57	10/08/25 15:14	1
Antimony	0.82	J	1.1	0.16	mg/Kg	☼	10/08/25 06:57	10/08/25 15:14	1
Arsenic	6.9		1.1	0.11	mg/Kg	☼	10/08/25 06:57	10/08/25 15:14	1
Barium	48.2		2.1	0.16	mg/Kg	☼	10/08/25 06:57	10/08/25 15:14	1
Beryllium	0.75		0.43	0.024	mg/Kg	☼	10/08/25 06:57	10/08/25 15:14	1
Cadmium	0.40	J	1.1	0.12	mg/Kg	☼	10/08/25 06:57	10/08/25 15:14	1
Calcium	1520		107	10.4	mg/Kg	☼	10/08/25 06:57	10/08/25 15:14	1
Chromium	23.6		2.1	0.32	mg/Kg	☼	10/08/25 06:57	10/08/25 15:14	1
Cobalt	13.2		1.1	0.16	mg/Kg	☼	10/08/25 06:57	10/08/25 15:14	1
Copper	93.2		2.1	0.39	mg/Kg	☼	10/08/25 06:57	10/08/25 15:14	1
Iron	18500		64.2	8.2	mg/Kg	☼	10/08/25 06:57	10/08/25 15:14	1
Lead	108		0.64	0.21	mg/Kg	☼	10/08/25 06:57	10/08/25 15:14	1
Magnesium	2220		107	10.9	mg/Kg	☼	10/08/25 06:57	10/08/25 15:14	1
Manganese	246		4.3	0.43	mg/Kg	☼	10/08/25 06:57	10/08/25 15:14	1
Nickel	46.0		2.1	0.19	mg/Kg	☼	10/08/25 06:57	10/08/25 15:14	1
Potassium	897		107	17.3	mg/Kg	☼	10/08/25 06:57	10/08/25 15:14	1
Selenium	0.78	J	1.3	0.14	mg/Kg	☼	10/08/25 06:57	10/08/25 15:14	1
Silver	0.25	J	0.43	0.095	mg/Kg	☼	10/08/25 06:57	10/08/25 15:14	1
Sodium	103	J	107	48.9	mg/Kg	☼	10/08/25 06:57	10/08/25 15:14	1
Thallium	0.075	J	0.43	0.044	mg/Kg	☼	10/08/25 06:57	10/08/25 15:14	1
Vanadium	23.0		2.1	0.22	mg/Kg	☼	10/08/25 06:57	10/08/25 15:14	1
Zinc	245		8.6	1.2	mg/Kg	☼	10/08/25 06:57	10/08/25 15:14	1

Method: SW846 7471B - Mercury (CVAA)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	0.041		0.016	0.0077	mg/Kg	☼	10/09/25 01:54	10/09/25 08:40	1

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Percent Moisture (EPA Moisture)	6.6		1.0	1.0	%			10/07/25 16:17	1
Percent Solids (EPA Moisture)	93.4		1.0	1.0	%			10/07/25 16:17	1

Client Sample ID: 4A_7-14
Date Collected: 10/02/25 08:35
Date Received: 10/02/25 16:00

Lab Sample ID: 460-336309-8
Matrix: Solid
Percent Solids: 91.7

Method: SW846 8270E - Semivolatile Organic Compounds (GC/MS)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1'-Biphenyl	0.36	U	0.36	0.013	mg/Kg	☼	10/05/25 13:19	10/06/25 15:47	1
1,2,4,5-Tetrachlorobenzene	0.36	U	0.36	0.011	mg/Kg	☼	10/05/25 13:19	10/06/25 15:47	1
1,4-Dioxane	0.036	U	0.036	0.031	mg/Kg	☼	10/05/25 13:19	10/06/25 15:47	1
2,2'-oxybis[1-chloropropane]	0.36	U	0.36	0.022	mg/Kg	☼	10/05/25 13:19	10/06/25 15:47	1
2,3,4,6-Tetrachlorophenol	0.36	U	0.36	0.024	mg/Kg	☼	10/05/25 13:19	10/06/25 15:47	1
2,4,5-Trichlorophenol	0.36	U	0.36	0.037	mg/Kg	☼	10/05/25 13:19	10/06/25 15:47	1
2,4,6-Trichlorophenol	0.14	U	0.14	0.046	mg/Kg	☼	10/05/25 13:19	10/06/25 15:47	1
2,4-Dichlorophenol	0.14	U	0.14	0.023	mg/Kg	☼	10/05/25 13:19	10/06/25 15:47	1
2,4-Dimethylphenol	0.36	U	0.36	0.043	mg/Kg	☼	10/05/25 13:19	10/06/25 15:47	1
2,4-Dinitrophenol	0.29	U	0.29	0.18	mg/Kg	☼	10/05/25 13:19	10/06/25 15:47	1
2,4-Dinitrotoluene	0.073	U	0.073	0.039	mg/Kg	☼	10/05/25 13:19	10/06/25 15:47	1
2,6-Dinitrotoluene	0.073	U	0.073	0.026	mg/Kg	☼	10/05/25 13:19	10/06/25 15:47	1
2-Chloronaphthalene	0.36	U	0.36	0.046	mg/Kg	☼	10/05/25 13:19	10/06/25 15:47	1
2-Chlorophenol	0.36	U	0.36	0.013	mg/Kg	☼	10/05/25 13:19	10/06/25 15:47	1
2-Methylnaphthalene	0.36	U	0.36	0.010	mg/Kg	☼	10/05/25 13:19	10/06/25 15:47	1
2-Methylphenol	0.36	U	0.36	0.013	mg/Kg	☼	10/05/25 13:19	10/06/25 15:47	1
2-Nitroaniline	0.36	U	0.36	0.027	mg/Kg	☼	10/05/25 13:19	10/06/25 15:47	1
2-Nitrophenol	0.36	U	0.36	0.036	mg/Kg	☼	10/05/25 13:19	10/06/25 15:47	1
3 & 4 Methylphenol	0.36	U	0.36	0.022	mg/Kg	☼	10/05/25 13:19	10/06/25 15:47	1
3,3'-Dichlorobenzidine	0.14	U	0.14	0.054	mg/Kg	☼	10/05/25 13:19	10/06/25 15:47	1
3-Nitroaniline	0.36	U	0.36	0.085	mg/Kg	☼	10/05/25 13:19	10/06/25 15:47	1
4,6-Dinitro-2-methylphenol	0.29	U	0.29	0.15	mg/Kg	☼	10/05/25 13:19	10/06/25 15:47	1
4-Bromophenyl phenyl ether	0.36	U	0.36	0.014	mg/Kg	☼	10/05/25 13:19	10/06/25 15:47	1
4-Chloro-3-methylphenol	0.36	U	0.36	0.020	mg/Kg	☼	10/05/25 13:19	10/06/25 15:47	1
4-Chloroaniline	0.36	U	0.36	0.064	mg/Kg	☼	10/05/25 13:19	10/06/25 15:47	1
4-Chlorophenyl phenyl ether	0.36	U	0.36	0.013	mg/Kg	☼	10/05/25 13:19	10/06/25 15:47	1
4-Methylphenol	0.36	U	0.36	0.022	mg/Kg	☼	10/05/25 13:19	10/06/25 15:47	1
4-Nitroaniline	0.36	U	0.36	0.091	mg/Kg	☼	10/05/25 13:19	10/06/25 15:47	1
4-Nitrophenol	0.73	U	0.73	0.059	mg/Kg	☼	10/05/25 13:19	10/06/25 15:47	1
Acenaphthene	0.36	U	0.36	0.010	mg/Kg	☼	10/05/25 13:19	10/06/25 15:47	1
Acenaphthylene	0.36	U	0.36	0.010	mg/Kg	☼	10/05/25 13:19	10/06/25 15:47	1
Acetophenone	0.36	U	0.36	0.018	mg/Kg	☼	10/05/25 13:19	10/06/25 15:47	1
Anthracene	0.36	U	0.36	0.011	mg/Kg	☼	10/05/25 13:19	10/06/25 15:47	1
Atrazine	0.14	U *	0.14	0.021	mg/Kg	☼	10/05/25 13:19	10/06/25 15:47	1
Benzaldehyde	0.36	U *	0.36	0.059	mg/Kg	☼	10/05/25 13:19	10/06/25 15:47	1
Benzo[a]anthracene	0.036	U	0.036	0.027	mg/Kg	☼	10/05/25 13:19	10/06/25 15:47	1
Benzo[a]pyrene	0.036	U	0.036	0.0096	mg/Kg	☼	10/05/25 13:19	10/06/25 15:47	1
Benzo[b]fluoranthene	0.036	U	0.036	0.0093	mg/Kg	☼	10/05/25 13:19	10/06/25 15:47	1
Benzo[g,h,i]perylene	**0.018**	**J**	0.36	0.011	mg/Kg	☼	10/05/25 13:19	10/06/25 15:47	1
Benzo[k]fluoranthene	0.036	U	0.036	0.0071	mg/Kg	☼	10/05/25 13:19	10/06/25 15:47	1
Bis(2-chloroethoxy)methane	0.36	U	0.36	0.066	mg/Kg	☼	10/05/25 13:19	10/06/25 15:47	1
Bis(2-chloroethyl)ether	0.036	U	0.036	0.013	mg/Kg	☼	10/05/25 13:19	10/06/25 15:47	1
Bis(2-ethylhexyl) phthalate	0.36	U	0.36	0.019	mg/Kg	☼	10/05/25 13:19	10/06/25 15:47	1
Butyl benzyl phthalate	0.36	U	0.36	0.017	mg/Kg	☼	10/05/25 13:19	10/06/25 15:47	1
Caprolactam	0.36	U *	0.36	0.056	mg/Kg	☼	10/05/25 13:19	10/06/25 15:47	1
Carbazole	0.36	U	0.36	0.014	mg/Kg	☼	10/05/25 13:19	10/06/25 15:47	1
Chrysene	0.36	U	0.36	0.015	mg/Kg	☼	10/05/25 13:19	10/06/25 15:47	1
Dibenz(a,h)anthracene	0.036	U	0.036	0.016	mg/Kg	☼	10/05/25 13:19	10/06/25 15:47	1
Dibenzofuran	0.36	U	0.36	0.012	mg/Kg	☼	10/05/25 13:19	10/06/25 15:47	1

Client Sample ID: 4A_7-14
Date Collected: 10/02/25 08:35
Date Received: 10/02/25 16:00

Lab Sample ID: 460-336309-8
Matrix: Solid
Percent Solids: 91.7

Method: SW846 8270E - Semivolatile Organic Compounds (GC/MS) (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Diethyl phthalate	0.36	U	0.36	0.012	mg/Kg	☼	10/05/25 13:19	10/06/25 15:47	1
Dimethyl phthalate	0.36	U	0.36	0.082	mg/Kg	☼	10/05/25 13:19	10/06/25 15:47	1
Di-n-butyl phthalate	0.36	U	0.36	0.014	mg/Kg	☼	10/05/25 13:19	10/06/25 15:47	1
Di-n-octyl phthalate	0.36	U	0.36	0.019	mg/Kg	☼	10/05/25 13:19	10/06/25 15:47	1
Fluoranthene	0.36	U	0.36	0.013	mg/Kg	☼	10/05/25 13:19	10/06/25 15:47	1
Fluorene	0.36	U	0.36	0.011	mg/Kg	☼	10/05/25 13:19	10/06/25 15:47	1
Hexachlorobenzene	0.036	U	0.036	0.017	mg/Kg	☼	10/05/25 13:19	10/06/25 15:47	1
Hexachlorobutadiene	0.073	U	0.073	0.0077	mg/Kg	☼	10/05/25 13:19	10/06/25 15:47	1
Hexachlorocyclopentadiene	0.36	U	0.36	0.032	mg/Kg	☼	10/05/25 13:19	10/06/25 15:47	1
Hexachloroethane	0.036	U	0.036	0.012	mg/Kg	☼	10/05/25 13:19	10/06/25 15:47	1
Indeno[1,2,3-cd]pyrene	0.036	U	0.036	0.014	mg/Kg	☼	10/05/25 13:19	10/06/25 15:47	1
Isophorone	0.14	U	0.14	0.10	mg/Kg	☼	10/05/25 13:19	10/06/25 15:47	1
Naphthalene	0.36	U	0.36	0.0062	mg/Kg	☼	10/05/25 13:19	10/06/25 15:47	1
Nitrobenzene	0.036	U	0.036	0.020	mg/Kg	☼	10/05/25 13:19	10/06/25 15:47	1
N-Nitrosodi-n-propylamine	0.036	U	0.036	0.026	mg/Kg	☼	10/05/25 13:19	10/06/25 15:47	1
N-Nitrosodiphenylamine	0.36	U	0.36	0.030	mg/Kg	☼	10/05/25 13:19	10/06/25 15:47	1
Pentachlorophenol	0.29	U	0.29	0.074	mg/Kg	☼	10/05/25 13:19	10/06/25 15:47	1
Phenanthrene	0.36	U	0.36	0.015	mg/Kg	☼	10/05/25 13:19	10/06/25 15:47	1
Phenol	0.36	U	0.36	0.013	mg/Kg	☼	10/05/25 13:19	10/06/25 15:47	1
Pyrene	**0.011**	**J**	0.36	0.0089	mg/Kg	☼	10/05/25 13:19	10/06/25 15:47	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
2,4,6-Tribromophenol (Surr)	*93*		*18 - 137*	*10/05/25 13:19*	*10/06/25 15:47*	*1*
2-Fluorobiphenyl	*91*		*33 - 117*	*10/05/25 13:19*	*10/06/25 15:47*	*1*
2-Fluorophenol (Surr)	*90*		*24 - 120*	*10/05/25 13:19*	*10/06/25 15:47*	*1*
Nitrobenzene-d5 (Surr)	*93*		*27 - 120*	*10/05/25 13:19*	*10/06/25 15:47*	*1*
Phenol-d5 (Surr)	*93*		*28 - 118*	*10/05/25 13:19*	*10/06/25 15:47*	*1*
Terphenyl-d14 (Surr)	*98*		*33 - 124*	*10/05/25 13:19*	*10/06/25 15:47*	*1*

Method: SW846 8081B - Organochlorine Pesticides (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
4,4'-DDD	0.0073	U	0.0073	0.0012	mg/Kg	☼	10/05/25 16:16	10/06/25 11:27	1
4,4'-DDE	0.0073	U	0.0073	0.00086	mg/Kg	☼	10/05/25 16:16	10/06/25 11:27	1
4,4'-DDT	0.0073	U	0.0073	0.0013	mg/Kg	☼	10/05/25 16:16	10/06/25 11:27	1
Aldrin	0.0073	U	0.0073	0.0011	mg/Kg	☼	10/05/25 16:16	10/06/25 11:27	1
alpha-BHC	0.0022	U	0.0022	0.00074	mg/Kg	☼	10/05/25 16:16	10/06/25 11:27	1
beta-BHC	0.0022	U	0.0022	0.00082	mg/Kg	☼	10/05/25 16:16	10/06/25 11:27	1
Chlordane (technical)	0.073	U	0.073	0.018	mg/Kg	☼	10/05/25 16:16	10/06/25 11:27	1
cis-Chlordane	0.0073	U	0.0073	0.0012	mg/Kg	☼	10/05/25 16:16	10/06/25 11:27	1
delta-BHC	0.0022	U	0.0022	0.00045	mg/Kg	☼	10/05/25 16:16	10/06/25 11:27	1
Dieldrin	0.0022	U	0.0022	0.00095	mg/Kg	☼	10/05/25 16:16	10/06/25 11:27	1
Endosulfan I	0.0073	U	0.0073	0.0011	mg/Kg	☼	10/05/25 16:16	10/06/25 11:27	1
Endosulfan II	0.0073	U	0.0073	0.0019	mg/Kg	☼	10/05/25 16:16	10/06/25 11:27	1
Endosulfan sulfate	0.0073	U	0.0073	0.00092	mg/Kg	☼	10/05/25 16:16	10/06/25 11:27	1
Endrin	0.0073	U	0.0073	0.0010	mg/Kg	☼	10/05/25 16:16	10/06/25 11:27	1
Endrin aldehyde	0.0073	U	0.0073	0.0017	mg/Kg	☼	10/05/25 16:16	10/06/25 11:27	1
Endrin ketone	0.0073	U	0.0073	0.0014	mg/Kg	☼	10/05/25 16:16	10/06/25 11:27	1
gamma-BHC (Lindane)	0.0022	U	0.0022	0.00068	mg/Kg	☼	10/05/25 16:16	10/06/25 11:27	1
Heptachlor	0.0073	U	0.0073	0.00086	mg/Kg	☼	10/05/25 16:16	10/06/25 11:27	1
Heptachlor epoxide	0.0073	U	0.0073	0.0011	mg/Kg	☼	10/05/25 16:16	10/06/25 11:27	1

Client Sample ID: 4A_7-14
Date Collected: 10/02/25 08:35
Date Received: 10/02/25 16:00

Lab Sample ID: 460-336309-8
Matrix: Solid
Percent Solids: 91.7

Method: SW846 8081B - Organochlorine Pesticides (GC) (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Methoxychlor	0.0073	U	0.0073	0.0017	mg/Kg	☼	10/05/25 16:16	10/06/25 11:27	1
Toxaphene	0.073	U	0.073	0.026	mg/Kg	☼	10/05/25 16:16	10/06/25 11:27	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
DCB Decachlorobiphenyl	*98*		*10 - 150*	*10/05/25 16:16*	*10/06/25 11:27*	*1*
DCB Decachlorobiphenyl	*140*		*10 - 150*	*10/05/25 16:16*	*10/06/25 11:27*	*1*
Tetrachloro-m-xylene	*79*		*14 - 150*	*10/05/25 16:16*	*10/06/25 11:27*	*1*
Tetrachloro-m-xylene	*102*		*14 - 150*	*10/05/25 16:16*	*10/06/25 11:27*	*1*

Method: SW846 8082A - Polychlorinated Biphenyls (PCBs) by Gas Chromatography

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Aroclor 1016	0.073	U	0.073	0.019	mg/Kg	☼	10/05/25 15:56	10/06/25 21:36	1
Aroclor 1221	0.073	U	0.073	0.019	mg/Kg	☼	10/05/25 15:56	10/06/25 21:36	1
Aroclor 1232	0.073	U	0.073	0.019	mg/Kg	☼	10/05/25 15:56	10/06/25 21:36	1
Aroclor 1242	0.073	U	0.073	0.019	mg/Kg	☼	10/05/25 15:56	10/06/25 21:36	1
Aroclor 1248	0.073	U	0.073	0.019	mg/Kg	☼	10/05/25 15:56	10/06/25 21:36	1
Aroclor 1254	0.073	U	0.073	0.019	mg/Kg	☼	10/05/25 15:56	10/06/25 21:36	1
Aroclor 1260	0.073	U	0.073	0.019	mg/Kg	☼	10/05/25 15:56	10/06/25 21:36	1
Aroclor-1262	0.073	U	0.073	0.019	mg/Kg	☼	10/05/25 15:56	10/06/25 21:36	1
Aroclor 1268	0.073	U	0.073	0.019	mg/Kg	☼	10/05/25 15:56	10/06/25 21:36	1
Polychlorinated biphenyls, Total	0.073	U	0.073	0.019	mg/Kg	☼	10/05/25 15:56	10/06/25 21:36	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
DCB Decachlorobiphenyl	*95*		*10 - 150*	*10/05/25 15:56*	*10/06/25 21:36*	*1*
DCB Decachlorobiphenyl	*95*		*10 - 150*	*10/05/25 15:56*	*10/06/25 21:36*	*1*
Tetrachloro-m-xylene	*81*		*10 - 150*	*10/05/25 15:56*	*10/06/25 21:36*	*1*
Tetrachloro-m-xylene	*90*		*10 - 150*	*10/05/25 15:56*	*10/06/25 21:36*	*1*

Method: EPA 1633A - Per- and Polyfluoroalkyl Substances by LC/MS/MS, 1633A

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Perfluorobutanoic acid (PFBA)	0.40	U	0.40	0.10	ug/Kg	☼	10/08/25 06:11	10/09/25 11:24	1
Perfluoropentanoic acid (PFPeA)	0.20	U	0.20	0.10	ug/Kg	☼	10/08/25 06:11	10/09/25 11:24	1
Perfluorohexanoic acid (PFHxA)	0.20	U	0.20	0.10	ug/Kg	☼	10/08/25 06:11	10/09/25 11:24	1
Perfluoroheptanoic acid (PFHpA)	0.20	U	0.20	0.10	ug/Kg	☼	10/08/25 06:11	10/09/25 11:24	1
Perfluorooctanoic acid (PFOA)	0.20	U	0.20	0.060	ug/Kg	☼	10/08/25 06:11	10/09/25 11:24	1
Perfluorononanoic acid (PFNA)	**0.13**	**J**	0.20	0.10	ug/Kg	☼	10/08/25 06:11	10/09/25 11:24	1
Perfluorodecanoic acid (PFDA)	0.20	U	0.20	0.060	ug/Kg	☼	10/08/25 06:11	10/09/25 11:24	1
Perfluoroundecanoic acid (PFUnA)	**1.04**		0.20	0.10	ug/Kg	☼	10/08/25 06:11	10/09/25 11:24	1
Perfluorododecanoic acid (PFDoA)	**0.11**	**J**	0.20	0.10	ug/Kg	☼	10/08/25 06:11	10/09/25 11:24	1
Perfluorotridecanoic acid (PFTrDA)	**1.99**		0.20	0.10	ug/Kg	☼	10/08/25 06:11	10/09/25 11:24	1
Perfluorotetradecanoic acid (PFTeDA)	0.20	U	0.20	0.10	ug/Kg	☼	10/08/25 06:11	10/09/25 11:24	1
Perfluorobutanesulfonic acid (PFBS)	0.20	U	0.20	0.10	ug/Kg	☼	10/08/25 06:11	10/09/25 11:24	1
Perfluoropentanesulfonic acid (PFPeS)	0.20	U	0.20	0.10	ug/Kg	☼	10/08/25 06:11	10/09/25 11:24	1
Perfluorohexanesulfonic acid (PFHxS)	0.20	U	0.20	0.10	ug/Kg	☼	10/08/25 06:11	10/09/25 11:24	1
Perfluoroheptanesulfonic acid (PFHpS)	0.20	U	0.20	0.10	ug/Kg	☼	10/08/25 06:11	10/09/25 11:24	1
Perfluorooctanesulfonic acid (PFOS)	0.20	U	0.20	0.10	ug/Kg	☼	10/08/25 06:11	10/09/25 11:24	1
Perfluorononanesulfonic acid (PFNS)	0.20	U	0.20	0.10	ug/Kg	☼	10/08/25 06:11	10/09/25 11:24	1

Client Sample ID: 4A_7-14
Date Collected: 10/02/25 08:35
Date Received: 10/02/25 16:00

Lab Sample ID: 460-336309-8
Matrix: Solid
Percent Solids: 91.7

Method: EPA 1633A - Per- and Polyfluoroalkyl Substances by LC/MS/MS, 1633A (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Perfluorodecanesulfonic acid (PFDS)	0.20	U	0.20	0.10	ug/Kg	☼	10/08/25 06:11	10/09/25 11:24	1
Perfluorododecanesulfonic acid (PFDoS)	0.20	U	0.20	0.10	ug/Kg	☼	10/08/25 06:11	10/09/25 11:24	1
1H,1H,2H,2H-Perfluorohexane sulfonic acid (4:2 FTS)	0.40	U	0.40	0.20	ug/Kg	☼	10/08/25 06:11	10/09/25 11:24	1
1H,1H,2H,2H-Perfluorooctane sulfonic acid (6:2 FTS)	0.40	U	0.40	0.20	ug/Kg	☼	10/08/25 06:11	10/09/25 11:24	1
1H,1H,2H,2H-Perfluorodecane sulfonic acid (8:2 FTS)	**0.24**	**J**	0.40	0.20	ug/Kg	☼	10/08/25 06:11	10/09/25 11:24	1
Perfluorooctanesulfonamide (PFOSA)	0.20	U	0.20	0.10	ug/Kg	☼	10/08/25 06:11	10/09/25 11:24	1
N-methylperfluorooctane sulfonamide (NMeFOSA)	0.20	U	0.20	0.10	ug/Kg	☼	10/08/25 06:11	10/09/25 11:24	1
N-ethylperfluorooctane sulfonamide (NEtFOSA)	0.20	U	0.20	0.10	ug/Kg	☼	10/08/25 06:11	10/09/25 11:24	1
N-methylperfluorooctanesulfonamidoacetic acid (NMeFOSAA)	0.20	U	0.20	0.10	ug/Kg	☼	10/08/25 06:11	10/09/25 11:24	1
N-ethylperfluorooctanesulfonamidoacetic acid (NEtFOSAA)	0.20	U	0.20	0.10	ug/Kg	☼	10/08/25 06:11	10/09/25 11:24	1
N-methylperfluorooctane sulfonamidoethanol (NMeFOSE)	1.00	U	1.00	0.50	ug/Kg	☼	10/08/25 06:11	10/09/25 11:24	1
N-ethylperfluorooctane sulfonamidoethanol (NEtFOSE)	1.00	U	1.00	0.50	ug/Kg	☼	10/08/25 06:11	10/09/25 11:24	1
Hexafluoropropylene Oxide Dimer Acid (HFPO-DA)	0.20	U	0.20	0.10	ug/Kg	☼	10/08/25 06:11	10/09/25 11:24	1
4,8-Dioxa-3H-perfluorononanoic acid (ADONA)	0.20	U	0.20	0.10	ug/Kg	☼	10/08/25 06:11	10/09/25 11:24	1
Perfluoro-3-methoxypropanoic acid (PFMPA)	0.20	U	0.20	0.10	ug/Kg	☼	10/08/25 06:11	10/09/25 11:24	1
Perfluoro-4-methoxybutanoic acid (PFMBA)	0.20	U	0.20	0.10	ug/Kg	☼	10/08/25 06:11	10/09/25 11:24	1
Nonafluoro-3,6-dioxaheptanoic acid (NFDHA)	0.20	U	0.20	0.10	ug/Kg	☼	10/08/25 06:11	10/09/25 11:24	1
9-Chlorohexadecafluoro-3-oxanonane-1-sulfonic acid (9Cl-PF3ONS)	0.20	U	0.20	0.10	ug/Kg	☼	10/08/25 06:11	10/09/25 11:24	1
11-Chloroeicosafluoro-3-oxaundecane-1-sulfonic acid (11Cl-PF3OUdS)	0.20	U	0.20	0.10	ug/Kg	☼	10/08/25 06:11	10/09/25 11:24	1
Perfluoro (2-ethoxyethane) sulfonic acid (PFEESA)	0.20	U	0.20	0.10	ug/Kg	☼	10/08/25 06:11	10/09/25 11:24	1
3-Perfluoropropylpropanoic acid (3:3 FTCA)	0.40	U	0.40	0.20	ug/Kg	☼	10/08/25 06:11	10/09/25 11:24	1
3-Perfluoropentylpropanoic acid (5:3 FTCA)	1.00	U	1.00	0.50	ug/Kg	☼	10/08/25 06:11	10/09/25 11:24	1
3-Perfluoroheptylpropanoic acid (7:3 FTCA)	1.00	U	1.00	0.50	ug/Kg	☼	10/08/25 06:11	10/09/25 11:24	1

Isotope Dilution	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
13C4 PFBA	*114*		*8 - 130*	*10/08/25 06:11*	*10/09/25 11:24*	*1*
13C5 PFPeA	*118*		*35 - 130*	*10/08/25 06:11*	*10/09/25 11:24*	*1*
13C5 PFHxA	*119*		*40 - 130*	*10/08/25 06:11*	*10/09/25 11:24*	*1*
13C4 PFHpA	*115*		*40 - 130*	*10/08/25 06:11*	*10/09/25 11:24*	*1*
13C8 PFOA	*114*		*40 - 130*	*10/08/25 06:11*	*10/09/25 11:24*	*1*
13C9 PFNA	*108*		*40 - 130*	*10/08/25 06:11*	*10/09/25 11:24*	*1*
13C6 PFDA	*110*		*40 - 130*	*10/08/25 06:11*	*10/09/25 11:24*	*1*
13C7 PFUnA	*104*		*40 - 130*	*10/08/25 06:11*	*10/09/25 11:24*	*1*
13C2 PFTeDA	*67.8*		*20 - 130*	*10/08/25 06:11*	*10/09/25 11:24*	*1*

Client Sample ID: 4A_7-14
Date Collected: 10/02/25 08:35
Date Received: 10/02/25 16:00

Lab Sample ID: 460-336309-8
Matrix: Solid
Percent Solids: 91.7

Method: EPA 1633A - Per- and Polyfluoroalkyl Substances by LC/MS/MS, 1633A (Continued)

Isotope Dilution	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
13C3 PFBS	119		40 - 135	10/08/25 06:11	10/09/25 11:24	1
13C3 PFHxS	106		40 - 130	10/08/25 06:11	10/09/25 11:24	1
13C8 PFOS	107		40 - 130	10/08/25 06:11	10/09/25 11:24	1
13C8 FOSA	115		40 - 130	10/08/25 06:11	10/09/25 11:24	1
d3-NMeFOSAA	101		40 - 135	10/08/25 06:11	10/09/25 11:24	1
d5-NEtFOSAA	92.9		40 - 150	10/08/25 06:11	10/09/25 11:24	1
13C2 4:2 FTS	145		40 - 165	10/08/25 06:11	10/09/25 11:24	1
13C2 6:2 FTS	116		40 - 215	10/08/25 06:11	10/09/25 11:24	1
13C2 8:2 FTS	146		40 - 275	10/08/25 06:11	10/09/25 11:24	1
13C3 HFPO-DA	109		40 - 130	10/08/25 06:11	10/09/25 11:24	1
d7-N-MeFOSE-M	51.9		20 - 130	10/08/25 06:11	10/09/25 11:24	1
d9-N-EtFOSE-M	41.4		15 - 130	10/08/25 06:11	10/09/25 11:24	1
d5-NEtPFOSA	96.6		10 - 130	10/08/25 06:11	10/09/25 11:24	1
d3-NMePFOSA	105		10 - 130	10/08/25 06:11	10/09/25 11:24	1
13C2 PFDoA	99.4		40 - 130	10/08/25 06:11	10/09/25 11:24	1

Method: SW846 6020B - Metals (ICP/MS)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Aluminum	6190		20.0	5.5	mg/Kg	☼	10/08/25 06:57	10/08/25 15:42	1
Antimony	0.61	J	1.0	0.15	mg/Kg	☼	10/08/25 06:57	10/08/25 15:42	1
Arsenic	7.7		1.0	0.10	mg/Kg	☼	10/08/25 06:57	10/08/25 15:42	1
Barium	39.4		2.0	0.15	mg/Kg	☼	10/08/25 06:57	10/08/25 15:42	1
Beryllium	0.54		0.40	0.022	mg/Kg	☼	10/08/25 06:57	10/08/25 15:42	1
Cadmium	0.25	J	1.0	0.11	mg/Kg	☼	10/08/25 06:57	10/08/25 15:42	1
Calcium	1060		100	9.7	mg/Kg	☼	10/08/25 06:57	10/08/25 15:42	1
Chromium	16.0		2.0	0.30	mg/Kg	☼	10/08/25 06:57	10/08/25 15:42	1
Cobalt	7.4		1.0	0.15	mg/Kg	☼	10/08/25 06:57	10/08/25 15:42	1
Copper	47.8		2.0	0.37	mg/Kg	☼	10/08/25 06:57	10/08/25 15:42	1
Iron	16000		60.0	7.7	mg/Kg	☼	10/08/25 06:57	10/08/25 15:42	1
Lead	51.3		0.60	0.20	mg/Kg	☼	10/08/25 06:57	10/08/25 15:42	1
Magnesium	1880		100	10.2	mg/Kg	☼	10/08/25 06:57	10/08/25 15:42	1
Manganese	267		4.0	0.40	mg/Kg	☼	10/08/25 06:57	10/08/25 15:42	1
Nickel	14.5		2.0	0.18	mg/Kg	☼	10/08/25 06:57	10/08/25 15:42	1
Potassium	785		100	16.2	mg/Kg	☼	10/08/25 06:57	10/08/25 15:42	1
Selenium	0.42	J	1.3	0.13	mg/Kg	☼	10/08/25 06:57	10/08/25 15:42	1
Silver	0.19	J	0.40	0.089	mg/Kg	☼	10/08/25 06:57	10/08/25 15:42	1
Sodium	75.7	J	100	45.7	mg/Kg	☼	10/08/25 06:57	10/08/25 15:42	1
Thallium	0.066	J	0.40	0.041	mg/Kg	☼	10/08/25 06:57	10/08/25 15:42	1
Vanadium	20.8		2.0	0.21	mg/Kg	☼	10/08/25 06:57	10/08/25 15:42	1
Zinc	89.0		8.0	1.1	mg/Kg	☼	10/08/25 06:57	10/08/25 15:42	1

Method: SW846 7471B - Mercury (CVAA)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	0.036		0.018	0.0083	mg/Kg	☼	10/09/25 01:54	10/09/25 08:43	1

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Percent Moisture (EPA Moisture)	8.3		1.0	1.0	%			10/07/25 16:17	1
Percent Solids (EPA Moisture)	91.7		1.0	1.0	%			10/07/25 16:17	1

Client Sample ID: 4B_0-7
Date Collected: 10/02/25 08:40
Date Received: 10/02/25 16:00

Lab Sample ID: 460-336309-9
Matrix: Solid
Percent Solids: 92.7

Method: SW846 8270E - Semivolatile Organic Compounds (GC/MS)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1'-Biphenyl	0.36	U	0.36	0.012	mg/Kg	☼	10/05/25 13:19	10/06/25 13:56	1
1,2,4,5-Tetrachlorobenzene	0.36	U	0.36	0.011	mg/Kg	☼	10/05/25 13:19	10/06/25 13:56	1
1,4-Dioxane	0.036	U	0.036	0.031	mg/Kg	☼	10/05/25 13:19	10/06/25 13:56	1
2,2'-oxybis[1-chloropropane]	0.36	U	0.36	0.021	mg/Kg	☼	10/05/25 13:19	10/06/25 13:56	1
2,3,4,6-Tetrachlorophenol	0.36	U	0.36	0.024	mg/Kg	☼	10/05/25 13:19	10/06/25 13:56	1
2,4,5-Trichlorophenol	0.36	U	0.36	0.036	mg/Kg	☼	10/05/25 13:19	10/06/25 13:56	1
2,4,6-Trichlorophenol	0.14	U	0.14	0.046	mg/Kg	☼	10/05/25 13:19	10/06/25 13:56	1
2,4-Dichlorophenol	0.14	U	0.14	0.023	mg/Kg	☼	10/05/25 13:19	10/06/25 13:56	1
2,4-Dimethylphenol	0.36	U	0.36	0.043	mg/Kg	☼	10/05/25 13:19	10/06/25 13:56	1
2,4-Dinitrophenol	0.29	U	0.29	0.18	mg/Kg	☼	10/05/25 13:19	10/06/25 13:56	1
2,4-Dinitrotoluene	0.072	U	0.072	0.038	mg/Kg	☼	10/05/25 13:19	10/06/25 13:56	1
2,6-Dinitrotoluene	0.072	U	0.072	0.026	mg/Kg	☼	10/05/25 13:19	10/06/25 13:56	1
2-Chloronaphthalene	0.36	U	0.36	0.046	mg/Kg	☼	10/05/25 13:19	10/06/25 13:56	1
2-Chlorophenol	0.36	U	0.36	0.013	mg/Kg	☼	10/05/25 13:19	10/06/25 13:56	1
2-Methylnaphthalene	0.36	U	0.36	0.010	mg/Kg	☼	10/05/25 13:19	10/06/25 13:56	1
2-Methylphenol	0.36	U	0.36	0.013	mg/Kg	☼	10/05/25 13:19	10/06/25 13:56	1
2-Nitroaniline	0.36	U	0.36	0.027	mg/Kg	☼	10/05/25 13:19	10/06/25 13:56	1
2-Nitrophenol	0.36	U	0.36	0.036	mg/Kg	☼	10/05/25 13:19	10/06/25 13:56	1
3 & 4 Methylphenol	0.36	U	0.36	0.022	mg/Kg	☼	10/05/25 13:19	10/06/25 13:56	1
3,3'-Dichlorobenzidine	0.14	U	0.14	0.054	mg/Kg	☼	10/05/25 13:19	10/06/25 13:56	1
3-Nitroaniline	0.36	U	0.36	0.085	mg/Kg	☼	10/05/25 13:19	10/06/25 13:56	1
4,6-Dinitro-2-methylphenol	0.29	U	0.29	0.15	mg/Kg	☼	10/05/25 13:19	10/06/25 13:56	1
4-Bromophenyl phenyl ether	0.36	U	0.36	0.014	mg/Kg	☼	10/05/25 13:19	10/06/25 13:56	1
4-Chloro-3-methylphenol	0.36	U	0.36	0.020	mg/Kg	☼	10/05/25 13:19	10/06/25 13:56	1
4-Chloroaniline	0.36	U	0.36	0.063	mg/Kg	☼	10/05/25 13:19	10/06/25 13:56	1
4-Chlorophenyl phenyl ether	0.36	U	0.36	0.013	mg/Kg	☼	10/05/25 13:19	10/06/25 13:56	1
4-Methylphenol	0.36	U	0.36	0.022	mg/Kg	☼	10/05/25 13:19	10/06/25 13:56	1
4-Nitroaniline	0.36	U	0.36	0.091	mg/Kg	☼	10/05/25 13:19	10/06/25 13:56	1
4-Nitrophenol	0.72	U	0.72	0.058	mg/Kg	☼	10/05/25 13:19	10/06/25 13:56	1
Acenaphthene	0.36	U	0.36	0.010	mg/Kg	☼	10/05/25 13:19	10/06/25 13:56	1
Acenaphthylene	0.36	U	0.36	0.010	mg/Kg	☼	10/05/25 13:19	10/06/25 13:56	1
Acetophenone	0.36	U	0.36	0.018	mg/Kg	☼	10/05/25 13:19	10/06/25 13:56	1
Anthracene	0.36	U	0.36	0.011	mg/Kg	☼	10/05/25 13:19	10/06/25 13:56	1
Atrazine	0.14	U *	0.14	0.021	mg/Kg	☼	10/05/25 13:19	10/06/25 13:56	1
Benzaldehyde	0.36	U *	0.36	0.059	mg/Kg	☼	10/05/25 13:19	10/06/25 13:56	1
Benzo[a]anthracene	0.036	U	0.036	0.027	mg/Kg	☼	10/05/25 13:19	10/06/25 13:56	1
Benzo[a]pyrene	0.036	U	0.036	0.0095	mg/Kg	☼	10/05/25 13:19	10/06/25 13:56	1
Benzo[b]fluoranthene	0.036	U	0.036	0.0092	mg/Kg	☼	10/05/25 13:19	10/06/25 13:56	1
Benzo[g,h,i]perylene	0.36	U	0.36	0.011	mg/Kg	☼	10/05/25 13:19	10/06/25 13:56	1
Benzo[k]fluoranthene	0.036	U	0.036	0.0070	mg/Kg	☼	10/05/25 13:19	10/06/25 13:56	1
Bis(2-chloroethoxy)methane	0.36	U	0.36	0.066	mg/Kg	☼	10/05/25 13:19	10/06/25 13:56	1
Bis(2-chloroethyl)ether	0.036	U	0.036	0.012	mg/Kg	☼	10/05/25 13:19	10/06/25 13:56	1
Bis(2-ethylhexyl) phthalate	0.36	U	0.36	0.019	mg/Kg	☼	10/05/25 13:19	10/06/25 13:56	1
Butyl benzyl phthalate	0.36	U	0.36	0.017	mg/Kg	☼	10/05/25 13:19	10/06/25 13:56	1
Caprolactam	0.36	U *	0.36	0.056	mg/Kg	☼	10/05/25 13:19	10/06/25 13:56	1
Carbazole	0.36	U	0.36	0.014	mg/Kg	☼	10/05/25 13:19	10/06/25 13:56	1
Chrysene	0.36	U	0.36	0.015	mg/Kg	☼	10/05/25 13:19	10/06/25 13:56	1
Dibenz(a,h)anthracene	0.036	U	0.036	0.015	mg/Kg	☼	10/05/25 13:19	10/06/25 13:56	1
Dibenzofuran	0.36	U	0.36	0.012	mg/Kg	☼	10/05/25 13:19	10/06/25 13:56	1

Client Sample ID: 4B_0-7
Date Collected: 10/02/25 08:40
Date Received: 10/02/25 16:00

Lab Sample ID: 460-336309-9
Matrix: Solid
Percent Solids: 92.7

Method: SW846 8270E - Semivolatile Organic Compounds (GC/MS) (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Diethyl phthalate	0.36	U	0.36	0.011	mg/Kg	☼	10/05/25 13:19	10/06/25 13:56	1
Dimethyl phthalate	0.36	U	0.36	0.081	mg/Kg	☼	10/05/25 13:19	10/06/25 13:56	1
Di-n-butyl phthalate	0.36	U	0.36	0.013	mg/Kg	☼	10/05/25 13:19	10/06/25 13:56	1
Di-n-octyl phthalate	0.36	U	0.36	0.019	mg/Kg	☼	10/05/25 13:19	10/06/25 13:56	1
Fluoranthene	0.36	U	0.36	0.012	mg/Kg	☼	10/05/25 13:19	10/06/25 13:56	1
Fluorene	0.36	U	0.36	0.010	mg/Kg	☼	10/05/25 13:19	10/06/25 13:56	1
Hexachlorobenzene	0.036	U	0.036	0.017	mg/Kg	☼	10/05/25 13:19	10/06/25 13:56	1
Hexachlorobutadiene	0.072	U	0.072	0.0076	mg/Kg	☼	10/05/25 13:19	10/06/25 13:56	1
Hexachlorocyclopentadiene	0.36	U	0.36	0.031	mg/Kg	☼	10/05/25 13:19	10/06/25 13:56	1
Hexachloroethane	0.036	U	0.036	0.012	mg/Kg	☼	10/05/25 13:19	10/06/25 13:56	1
Indeno[1,2,3-cd]pyrene	0.036	U	0.036	0.014	mg/Kg	☼	10/05/25 13:19	10/06/25 13:56	1
Isophorone	0.14	U	0.14	0.10	mg/Kg	☼	10/05/25 13:19	10/06/25 13:56	1
Naphthalene	0.36	U	0.36	0.0062	mg/Kg	☼	10/05/25 13:19	10/06/25 13:56	1
Nitrobenzene	0.036	U	0.036	0.020	mg/Kg	☼	10/05/25 13:19	10/06/25 13:56	1
N-Nitrosodi-n-propylamine	0.036	U	0.036	0.026	mg/Kg	☼	10/05/25 13:19	10/06/25 13:56	1
N-Nitrosodiphenylamine	0.36	U	0.36	0.029	mg/Kg	☼	10/05/25 13:19	10/06/25 13:56	1
Pentachlorophenol	0.29	U	0.29	0.073	mg/Kg	☼	10/05/25 13:19	10/06/25 13:56	1
Phenanthrene	0.36	U	0.36	0.015	mg/Kg	☼	10/05/25 13:19	10/06/25 13:56	1
Phenol	0.36	U	0.36	0.013	mg/Kg	☼	10/05/25 13:19	10/06/25 13:56	1
Pyrene	0.36	U	0.36	0.0089	mg/Kg	☼	10/05/25 13:19	10/06/25 13:56	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
2,4,6-Tribromophenol (Surr)	*82*		*18 - 137*	*10/05/25 13:19*	*10/06/25 13:56*	*1*
2-Fluorobiphenyl	*83*		*33 - 117*	*10/05/25 13:19*	*10/06/25 13:56*	*1*
2-Fluorophenol (Surr)	*86*		*24 - 120*	*10/05/25 13:19*	*10/06/25 13:56*	*1*
Nitrobenzene-d5 (Surr)	*83*		*27 - 120*	*10/05/25 13:19*	*10/06/25 13:56*	*1*
Phenol-d5 (Surr)	*88*		*28 - 118*	*10/05/25 13:19*	*10/06/25 13:56*	*1*
Terphenyl-d14 (Surr)	*94*		*33 - 124*	*10/05/25 13:19*	*10/06/25 13:56*	*1*

Method: SW846 8081B - Organochlorine Pesticides (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
4,4'-DDD	0.0072	U	0.0072	0.0012	mg/Kg	☼	10/05/25 16:16	10/06/25 11:39	1
4,4'-DDE	0.0072	U	0.0072	0.00085	mg/Kg	☼	10/05/25 16:16	10/06/25 11:39	1
4,4'-DDT	0.0072	U	0.0072	0.0013	mg/Kg	☼	10/05/25 16:16	10/06/25 11:39	1
Aldrin	0.0072	U	0.0072	0.0011	mg/Kg	☼	10/05/25 16:16	10/06/25 11:39	1
alpha-BHC	0.0022	U	0.0022	0.00073	mg/Kg	☼	10/05/25 16:16	10/06/25 11:39	1
beta-BHC	0.0022	U	0.0022	0.00081	mg/Kg	☼	10/05/25 16:16	10/06/25 11:39	1
Chlordane (technical)	0.072	U	0.072	0.017	mg/Kg	☼	10/05/25 16:16	10/06/25 11:39	1
cis-Chlordane	0.0072	U	0.0072	0.0011	mg/Kg	☼	10/05/25 16:16	10/06/25 11:39	1
delta-BHC	0.0022	U	0.0022	0.00044	mg/Kg	☼	10/05/25 16:16	10/06/25 11:39	1
Dieldrin	0.0022	U	0.0022	0.00094	mg/Kg	☼	10/05/25 16:16	10/06/25 11:39	1
Endosulfan I	0.0072	U	0.0072	0.0011	mg/Kg	☼	10/05/25 16:16	10/06/25 11:39	1
Endosulfan II	0.0072	U	0.0072	0.0019	mg/Kg	☼	10/05/25 16:16	10/06/25 11:39	1
Endosulfan sulfate	0.0072	U	0.0072	0.00091	mg/Kg	☼	10/05/25 16:16	10/06/25 11:39	1
Endrin	0.0072	U	0.0072	0.0010	mg/Kg	☼	10/05/25 16:16	10/06/25 11:39	1
Endrin aldehyde	0.0072	U	0.0072	0.0017	mg/Kg	☼	10/05/25 16:16	10/06/25 11:39	1
Endrin ketone	0.0072	U	0.0072	0.0014	mg/Kg	☼	10/05/25 16:16	10/06/25 11:39	1
gamma-BHC (Lindane)	0.0022	U	0.0022	0.00067	mg/Kg	☼	10/05/25 16:16	10/06/25 11:39	1
Heptachlor	0.0072	U	0.0072	0.00085	mg/Kg	☼	10/05/25 16:16	10/06/25 11:39	1
Heptachlor epoxide	0.0072	U	0.0072	0.0011	mg/Kg	☼	10/05/25 16:16	10/06/25 11:39	1

Client Sample ID: 4B_0-7
Date Collected: 10/02/25 08:40
Date Received: 10/02/25 16:00

Lab Sample ID: 460-336309-9
Matrix: Solid
Percent Solids: 92.7

Method: SW846 8081B - Organochlorine Pesticides (GC) (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Methoxychlor	0.0072	U	0.0072	0.0017	mg/Kg	☼	10/05/25 16:16	10/06/25 11:39	1
Toxaphene	0.072	U	0.072	0.026	mg/Kg	☼	10/05/25 16:16	10/06/25 11:39	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
DCB Decachlorobiphenyl	*74*		*10 - 150*	*10/05/25 16:16*	*10/06/25 11:39*	*1*
DCB Decachlorobiphenyl	*96*		*10 - 150*	*10/05/25 16:16*	*10/06/25 11:39*	*1*
Tetrachloro-m-xylene	*78*		*14 - 150*	*10/05/25 16:16*	*10/06/25 11:39*	*1*
Tetrachloro-m-xylene	*79*		*14 - 150*	*10/05/25 16:16*	*10/06/25 11:39*	*1*

Method: SW846 8082A - Polychlorinated Biphenyls (PCBs) by Gas Chromatography

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Aroclor 1016	0.072	U	0.072	0.019	mg/Kg	☼	10/05/25 15:56	10/06/25 21:52	1
Aroclor 1221	0.072	U	0.072	0.019	mg/Kg	☼	10/05/25 15:56	10/06/25 21:52	1
Aroclor 1232	0.072	U	0.072	0.019	mg/Kg	☼	10/05/25 15:56	10/06/25 21:52	1
Aroclor 1242	0.072	U	0.072	0.019	mg/Kg	☼	10/05/25 15:56	10/06/25 21:52	1
Aroclor 1248	0.072	U	0.072	0.019	mg/Kg	☼	10/05/25 15:56	10/06/25 21:52	1
Aroclor 1254	0.072	U	0.072	0.019	mg/Kg	☼	10/05/25 15:56	10/06/25 21:52	1
Aroclor 1260	0.072	U	0.072	0.019	mg/Kg	☼	10/05/25 15:56	10/06/25 21:52	1
Aroclor-1262	0.072	U	0.072	0.019	mg/Kg	☼	10/05/25 15:56	10/06/25 21:52	1
Aroclor 1268	0.072	U	0.072	0.019	mg/Kg	☼	10/05/25 15:56	10/06/25 21:52	1
Polychlorinated biphenyls, Total	0.072	U	0.072	0.019	mg/Kg	☼	10/05/25 15:56	10/06/25 21:52	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
DCB Decachlorobiphenyl	*92*		*10 - 150*	*10/05/25 15:56*	*10/06/25 21:52*	*1*
DCB Decachlorobiphenyl	*92*		*10 - 150*	*10/05/25 15:56*	*10/06/25 21:52*	*1*
Tetrachloro-m-xylene	*79*		*10 - 150*	*10/05/25 15:56*	*10/06/25 21:52*	*1*
Tetrachloro-m-xylene	*89*		*10 - 150*	*10/05/25 15:56*	*10/06/25 21:52*	*1*

Method: EPA 1633A - Per- and Polyfluoroalkyl Substances by LC/MS/MS, 1633A

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Perfluorobutanoic acid (PFBA)	0.39	U	0.39	0.098	ug/Kg	☼	10/08/25 06:11	10/09/25 11:37	1
Perfluoropentanoic acid (PFPeA)	0.20	U	0.20	0.098	ug/Kg	☼	10/08/25 06:11	10/09/25 11:37	1
Perfluorohexanoic acid (PFHxA)	0.20	U	0.20	0.098	ug/Kg	☼	10/08/25 06:11	10/09/25 11:37	1
Perfluoroheptanoic acid (PFHpA)	0.20	U	0.20	0.098	ug/Kg	☼	10/08/25 06:11	10/09/25 11:37	1
Perfluorooctanoic acid (PFOA)	**0.072**	**J**	0.20	0.059	ug/Kg	☼	10/08/25 06:11	10/09/25 11:37	1
Perfluorononanoic acid (PFNA)	**0.21**		0.20	0.098	ug/Kg	☼	10/08/25 06:11	10/09/25 11:37	1
Perfluorodecanoic acid (PFDA)	**0.11**	**J**	0.20	0.059	ug/Kg	☼	10/08/25 06:11	10/09/25 11:37	1
Perfluoroundecanoic acid (PFUnA)	**1.70**		0.20	0.098	ug/Kg	☼	10/08/25 06:11	10/09/25 11:37	1
Perfluorododecanoic acid (PFDoA)	**0.13**	**J**	0.20	0.098	ug/Kg	☼	10/08/25 06:11	10/09/25 11:37	1
Perfluorotridecanoic acid (PFTrDA)	**2.97**		0.20	0.098	ug/Kg	☼	10/08/25 06:11	10/09/25 11:37	1
Perfluorotetradecanoic acid (PFTeDA)	0.20	U	0.20	0.098	ug/Kg	☼	10/08/25 06:11	10/09/25 11:37	1
Perfluorobutanesulfonic acid (PFBS)	0.20	U	0.20	0.098	ug/Kg	☼	10/08/25 06:11	10/09/25 11:37	1
Perfluoropentanesulfonic acid (PFPeS)	0.20	U	0.20	0.098	ug/Kg	☼	10/08/25 06:11	10/09/25 11:37	1
Perfluorohexanesulfonic acid (PFHxS)	0.20	U	0.20	0.098	ug/Kg	☼	10/08/25 06:11	10/09/25 11:37	1
Perfluoroheptanesulfonic acid (PFHpS)	0.20	U	0.20	0.098	ug/Kg	☼	10/08/25 06:11	10/09/25 11:37	1
Perfluorooctanesulfonic acid (PFOS)	0.20	U	0.20	0.098	ug/Kg	☼	10/08/25 06:11	10/09/25 11:37	1
Perfluorononanesulfonic acid (PFNS)	0.20	U	0.20	0.098	ug/Kg	☼	10/08/25 06:11	10/09/25 11:37	1

Client Sample ID: 4B_0-7
Date Collected: 10/02/25 08:40
Date Received: 10/02/25 16:00

Lab Sample ID: 460-336309-9
Matrix: Solid
Percent Solids: 92.7

Method: EPA 1633A - Per- and Polyfluoroalkyl Substances by LC/MS/MS, 1633A (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Perfluorodecanesulfonic acid (PFDS)	0.20	U	0.20	0.098	ug/Kg	☼	10/08/25 06:11	10/09/25 11:37	1
Perfluorododecanesulfonic acid (PFDoS)	0.20	U	0.20	0.098	ug/Kg	☼	10/08/25 06:11	10/09/25 11:37	1
1H,1H,2H,2H-Perfluorohexane sulfonic acid (4:2 FTS)	0.39	U	0.39	0.20	ug/Kg	☼	10/08/25 06:11	10/09/25 11:37	1
1H,1H,2H,2H-Perfluorooctane sulfonic acid (6:2 FTS)	0.39	U	0.39	0.20	ug/Kg	☼	10/08/25 06:11	10/09/25 11:37	1
1H,1H,2H,2H-Perfluorodecane sulfonic acid (8:2 FTS)	**1.14**		0.39	0.20	ug/Kg	☼	10/08/25 06:11	10/09/25 11:37	1
Perfluorooctanesulfonamide (PFOSA)	0.20	U	0.20	0.098	ug/Kg	☼	10/08/25 06:11	10/09/25 11:37	1
N-methylperfluorooctane sulfonamide (NMeFOSA)	0.20	U	0.20	0.098	ug/Kg	☼	10/08/25 06:11	10/09/25 11:37	1
N-ethylperfluorooctane sulfonamide (NEtFOSA)	0.20	U	0.20	0.098	ug/Kg	☼	10/08/25 06:11	10/09/25 11:37	1
N-methylperfluorooctanesulfonamidoacetic acid (NMeFOSAA)	0.20	U	0.20	0.098	ug/Kg	☼	10/08/25 06:11	10/09/25 11:37	1
N-ethylperfluorooctanesulfonamidoacetic acid (NEtFOSAA)	0.20	U	0.20	0.098	ug/Kg	☼	10/08/25 06:11	10/09/25 11:37	1
N-methylperfluorooctane sulfonamidoethanol (NMeFOSE)	0.98	U	0.98	0.49	ug/Kg	☼	10/08/25 06:11	10/09/25 11:37	1
N-ethylperfluorooctane sulfonamidoethanol (NEtFOSE)	0.98	U	0.98	0.49	ug/Kg	☼	10/08/25 06:11	10/09/25 11:37	1
Hexafluoropropylene Oxide Dimer Acid (HFPO-DA)	0.20	U	0.20	0.098	ug/Kg	☼	10/08/25 06:11	10/09/25 11:37	1
4,8-Dioxa-3H-perfluorononanoic acid (ADONA)	0.20	U	0.20	0.098	ug/Kg	☼	10/08/25 06:11	10/09/25 11:37	1
Perfluoro-3-methoxypropanoic acid (PFMPA)	0.20	U	0.20	0.098	ug/Kg	☼	10/08/25 06:11	10/09/25 11:37	1
Perfluoro-4-methoxybutanoic acid (PFMBA)	0.20	U	0.20	0.098	ug/Kg	☼	10/08/25 06:11	10/09/25 11:37	1
Nonafluoro-3,6-dioxaheptanoic acid (NFDHA)	0.20	U	0.20	0.098	ug/Kg	☼	10/08/25 06:11	10/09/25 11:37	1
9-Chlorohexadecafluoro-3-oxanonane-1-sulfonic acid (9Cl-PF3ONS)	0.20	U	0.20	0.098	ug/Kg	☼	10/08/25 06:11	10/09/25 11:37	1
11-Chloroeicosafluoro-3-oxaundecane-1-sulfonic acid (11Cl-PF3OUdS)	0.20	U	0.20	0.098	ug/Kg	☼	10/08/25 06:11	10/09/25 11:37	1
Perfluoro (2-ethoxyethane) sulfonic acid (PFEESA)	0.20	U	0.20	0.098	ug/Kg	☼	10/08/25 06:11	10/09/25 11:37	1
3-Perfluoropropylpropanoic acid (3:3 FTCA)	0.39	U	0.39	0.20	ug/Kg	☼	10/08/25 06:11	10/09/25 11:37	1
3-Perfluoropentylpropanoic acid (5:3 FTCA)	0.98	U	0.98	0.49	ug/Kg	☼	10/08/25 06:11	10/09/25 11:37	1
3-Perfluoroheptylpropanoic acid (7:3 FTCA)	0.98	U	0.98	0.49	ug/Kg	☼	10/08/25 06:11	10/09/25 11:37	1

Isotope Dilution	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
13C4 PFBA	*105*		*8 - 130*	*10/08/25 06:11*	*10/09/25 11:37*	*1*
13C5 PFPeA	*105*		*35 - 130*	*10/08/25 06:11*	*10/09/25 11:37*	*1*
13C5 PFHxA	*103*		*40 - 130*	*10/08/25 06:11*	*10/09/25 11:37*	*1*
13C4 PFHpA	*98.0*		*40 - 130*	*10/08/25 06:11*	*10/09/25 11:37*	*1*
13C8 PFOA	*97.2*		*40 - 130*	*10/08/25 06:11*	*10/09/25 11:37*	*1*
13C9 PFNA	*104*		*40 - 130*	*10/08/25 06:11*	*10/09/25 11:37*	*1*
13C6 PFDA	*94.6*		*40 - 130*	*10/08/25 06:11*	*10/09/25 11:37*	*1*
13C7 PFUnA	*86.5*		*40 - 130*	*10/08/25 06:11*	*10/09/25 11:37*	*1*
13C2 PFTeDA	*61.6*		*20 - 130*	*10/08/25 06:11*	*10/09/25 11:37*	*1*

Client Sample ID: 4B_0-7

Date Collected: 10/02/25 08:40
Date Received: 10/02/25 16:00

Lab Sample ID: 460-336309-9

Matrix: Solid
Percent Solids: 92.7

Method: EPA 1633A - Per- and Polyfluoroalkyl Substances by LC/MS/MS, 1633A (Continued)

Isotope Dilution	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
13C3 PFBS	93.7		40 - 135	10/08/25 06:11	10/09/25 11:37	1
13C3 PFHxS	91.9		40 - 130	10/08/25 06:11	10/09/25 11:37	1
13C8 PFOS	102		40 - 130	10/08/25 06:11	10/09/25 11:37	1
13C8 FOSA	98.3		40 - 130	10/08/25 06:11	10/09/25 11:37	1
d3-NMeFOSAA	84.7		40 - 135	10/08/25 06:11	10/09/25 11:37	1
d5-NEtFOSAA	75.4		40 - 150	10/08/25 06:11	10/09/25 11:37	1
13C2 4:2 FTS	128		40 - 165	10/08/25 06:11	10/09/25 11:37	1
13C2 6:2 FTS	107		40 - 215	10/08/25 06:11	10/09/25 11:37	1
13C2 8:2 FTS	116		40 - 275	10/08/25 06:11	10/09/25 11:37	1
13C3 HFPO-DA	96.0		40 - 130	10/08/25 06:11	10/09/25 11:37	1
d7-N-MeFOSE-M	42.1		20 - 130	10/08/25 06:11	10/09/25 11:37	1
d9-N-EtFOSE-M	34.4		15 - 130	10/08/25 06:11	10/09/25 11:37	1
d5-NEtPFOSA	76.4		10 - 130	10/08/25 06:11	10/09/25 11:37	1
d3-NMePFOSA	84.4		10 - 130	10/08/25 06:11	10/09/25 11:37	1
13C2 PFDoA	81.9		40 - 130	10/08/25 06:11	10/09/25 11:37	1

Method: SW846 6020B - Metals (ICP/MS)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Aluminum	8240		20.2	5.5	mg/Kg	☼	10/08/25 06:57	10/08/25 15:45	1
Antimony	0.71	J	1.0	0.15	mg/Kg	☼	10/08/25 06:57	10/08/25 15:45	1
Arsenic	6.2		1.0	0.10	mg/Kg	☼	10/08/25 06:57	10/08/25 15:45	1
Barium	52.5		2.0	0.15	mg/Kg	☼	10/08/25 06:57	10/08/25 15:45	1
Beryllium	0.67		0.40	0.022	mg/Kg	☼	10/08/25 06:57	10/08/25 15:45	1
Cadmium	0.36	J	1.0	0.11	mg/Kg	☼	10/08/25 06:57	10/08/25 15:45	1
Calcium	1830		101	9.8	mg/Kg	☼	10/08/25 06:57	10/08/25 15:45	1
Chromium	25.1		2.0	0.30	mg/Kg	☼	10/08/25 06:57	10/08/25 15:45	1
Cobalt	11.6		1.0	0.15	mg/Kg	☼	10/08/25 06:57	10/08/25 15:45	1
Copper	59.4		2.0	0.37	mg/Kg	☼	10/08/25 06:57	10/08/25 15:45	1
Iron	21300		60.5	7.7	mg/Kg	☼	10/08/25 06:57	10/08/25 15:45	1
Lead	63.6		0.61	0.20	mg/Kg	☼	10/08/25 06:57	10/08/25 15:45	1
Magnesium	3140		101	10.3	mg/Kg	☼	10/08/25 06:57	10/08/25 15:45	1
Manganese	316		4.0	0.41	mg/Kg	☼	10/08/25 06:57	10/08/25 15:45	1
Nickel	23.3		2.0	0.18	mg/Kg	☼	10/08/25 06:57	10/08/25 15:45	1
Potassium	1050		101	16.3	mg/Kg	☼	10/08/25 06:57	10/08/25 15:45	1
Selenium	0.49	J	1.3	0.13	mg/Kg	☼	10/08/25 06:57	10/08/25 15:45	1
Silver	0.21	J	0.40	0.090	mg/Kg	☼	10/08/25 06:57	10/08/25 15:45	1
Sodium	96.7	J	101	46.1	mg/Kg	☼	10/08/25 06:57	10/08/25 15:45	1
Thallium	0.097	J	0.40	0.041	mg/Kg	☼	10/08/25 06:57	10/08/25 15:45	1
Vanadium	23.8		2.0	0.21	mg/Kg	☼	10/08/25 06:57	10/08/25 15:45	1
Zinc	141		8.1	1.1	mg/Kg	☼	10/08/25 06:57	10/08/25 15:45	1

Method: SW846 7471B - Mercury (CVAA)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	0.037		0.017	0.0081	mg/Kg	☼	10/09/25 01:54	10/09/25 08:45	1

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Percent Moisture (EPA Moisture)	7.3		1.0	1.0	%			10/07/25 16:17	1
Percent Solids (EPA Moisture)	92.7		1.0	1.0	%			10/07/25 16:17	1

Client: Haley & Aldrich, Inc.
Project/Site: Former Port Mobil

Job ID: 460-336309-1

Client Sample ID: 4B_7-14
Date Collected: 10/02/25 08:45
Date Received: 10/02/25 16:00

Lab Sample ID: 460-336309-10
Matrix: Solid
Percent Solids: 91.5

Method: SW846 8270E - Semivolatile Organic Compounds (GC/MS)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1'-Biphenyl	0.36	U	0.36	0.013	mg/Kg	☼	10/05/25 13:19	10/06/25 14:18	1
1,2,4,5-Tetrachlorobenzene	0.36	U	0.36	0.011	mg/Kg	☼	10/05/25 13:19	10/06/25 14:18	1
1,4-Dioxane	0.036	U	0.036	0.032	mg/Kg	☼	10/05/25 13:19	10/06/25 14:18	1
2,2'-oxybis[1-chloropropane]	0.36	U	0.36	0.022	mg/Kg	☼	10/05/25 13:19	10/06/25 14:18	1
2,3,4,6-Tetrachlorophenol	0.36	U	0.36	0.025	mg/Kg	☼	10/05/25 13:19	10/06/25 14:18	1
2,4,5-Trichlorophenol	0.36	U	0.36	0.037	mg/Kg	☼	10/05/25 13:19	10/06/25 14:18	1
2,4,6-Trichlorophenol	0.15	U	0.15	0.046	mg/Kg	☼	10/05/25 13:19	10/06/25 14:18	1
2,4-Dichlorophenol	0.15	U	0.15	0.023	mg/Kg	☼	10/05/25 13:19	10/06/25 14:18	1
2,4-Dimethylphenol	0.36	U	0.36	0.043	mg/Kg	☼	10/05/25 13:19	10/06/25 14:18	1
2,4-Dinitrophenol	0.29	U	0.29	0.18	mg/Kg	☼	10/05/25 13:19	10/06/25 14:18	1
2,4-Dinitrotoluene	0.073	U	0.073	0.039	mg/Kg	☼	10/05/25 13:19	10/06/25 14:18	1
2,6-Dinitrotoluene	0.073	U	0.073	0.026	mg/Kg	☼	10/05/25 13:19	10/06/25 14:18	1
2-Chloronaphthalene	0.36	U	0.36	0.046	mg/Kg	☼	10/05/25 13:19	10/06/25 14:18	1
2-Chlorophenol	0.36	U	0.36	0.013	mg/Kg	☼	10/05/25 13:19	10/06/25 14:18	1
2-Methylnaphthalene	0.36	U	0.36	0.010	mg/Kg	☼	10/05/25 13:19	10/06/25 14:18	1
2-Methylphenol	0.36	U	0.36	0.014	mg/Kg	☼	10/05/25 13:19	10/06/25 14:18	1
2-Nitroaniline	0.36	U	0.36	0.028	mg/Kg	☼	10/05/25 13:19	10/06/25 14:18	1
2-Nitrophenol	0.36	U	0.36	0.036	mg/Kg	☼	10/05/25 13:19	10/06/25 14:18	1
3 & 4 Methylphenol	0.36	U	0.36	0.023	mg/Kg	☼	10/05/25 13:19	10/06/25 14:18	1
3,3'-Dichlorobenzidine	0.15	U	0.15	0.055	mg/Kg	☼	10/05/25 13:19	10/06/25 14:18	1
3-Nitroaniline	0.36	U	0.36	0.086	mg/Kg	☼	10/05/25 13:19	10/06/25 14:18	1
4,6-Dinitro-2-methylphenol	0.29	U	0.29	0.15	mg/Kg	☼	10/05/25 13:19	10/06/25 14:18	1
4-Bromophenyl phenyl ether	0.36	U	0.36	0.014	mg/Kg	☼	10/05/25 13:19	10/06/25 14:18	1
4-Chloro-3-methylphenol	0.36	U	0.36	0.020	mg/Kg	☼	10/05/25 13:19	10/06/25 14:18	1
4-Chloroaniline	0.36	U	0.36	0.064	mg/Kg	☼	10/05/25 13:19	10/06/25 14:18	1
4-Chlorophenyl phenyl ether	0.36	U	0.36	0.013	mg/Kg	☼	10/05/25 13:19	10/06/25 14:18	1
4-Methylphenol	0.36	U	0.36	0.023	mg/Kg	☼	10/05/25 13:19	10/06/25 14:18	1
4-Nitroaniline	0.36	U	0.36	0.092	mg/Kg	☼	10/05/25 13:19	10/06/25 14:18	1
4-Nitrophenol	0.73	U	0.73	0.059	mg/Kg	☼	10/05/25 13:19	10/06/25 14:18	1
Acenaphthene	0.36	U	0.36	0.010	mg/Kg	☼	10/05/25 13:19	10/06/25 14:18	1
Acenaphthylene	0.36	U	0.36	0.010	mg/Kg	☼	10/05/25 13:19	10/06/25 14:18	1
Acetophenone	0.36	U	0.36	0.018	mg/Kg	☼	10/05/25 13:19	10/06/25 14:18	1
Anthracene	0.36	U	0.36	0.011	mg/Kg	☼	10/05/25 13:19	10/06/25 14:18	1
Atrazine	0.15	U *	0.15	0.021	mg/Kg	☼	10/05/25 13:19	10/06/25 14:18	1
Benzaldehyde	0.36	U *	0.36	0.060	mg/Kg	☼	10/05/25 13:19	10/06/25 14:18	1
Benzo[a]anthracene	0.036	U	0.036	0.027	mg/Kg	☼	10/05/25 13:19	10/06/25 14:18	1
Benzo[a]pyrene	0.036	U	0.036	0.0096	mg/Kg	☼	10/05/25 13:19	10/06/25 14:18	1
Benzo[b]fluoranthene	0.036	U	0.036	0.0094	mg/Kg	☼	10/05/25 13:19	10/06/25 14:18	1
Benzo[g,h,i]perylene	0.36	U	0.36	0.011	mg/Kg	☼	10/05/25 13:19	10/06/25 14:18	1
Benzo[k]fluoranthene	0.036	U	0.036	0.0071	mg/Kg	☼	10/05/25 13:19	10/06/25 14:18	1
Bis(2-chloroethoxy)methane	0.36	U	0.36	0.067	mg/Kg	☼	10/05/25 13:19	10/06/25 14:18	1
Bis(2-chloroethyl)ether	0.036	U	0.036	0.013	mg/Kg	☼	10/05/25 13:19	10/06/25 14:18	1
Bis(2-ethylhexyl) phthalate	0.36	U	0.36	0.019	mg/Kg	☼	10/05/25 13:19	10/06/25 14:18	1
Butyl benzyl phthalate	0.36	U	0.36	0.017	mg/Kg	☼	10/05/25 13:19	10/06/25 14:18	1
Caprolactam	0.36	U *	0.36	0.056	mg/Kg	☼	10/05/25 13:19	10/06/25 14:18	1
Carbazole	0.36	U	0.36	0.014	mg/Kg	☼	10/05/25 13:19	10/06/25 14:18	1
Chrysene	0.36	U	0.36	0.015	mg/Kg	☼	10/05/25 13:19	10/06/25 14:18	1
Dibenz(a,h)anthracene	0.036	U	0.036	0.016	mg/Kg	☼	10/05/25 13:19	10/06/25 14:18	1
Dibenzofuran	0.36	U	0.36	0.012	mg/Kg	☼	10/05/25 13:19	10/06/25 14:18	1

Client Sample ID: 4B_7-14
Date Collected: 10/02/25 08:45
Date Received: 10/02/25 16:00

Lab Sample ID: 460-336309-10
Matrix: Solid
Percent Solids: 91.5

Method: SW846 8270E - Semivolatile Organic Compounds (GC/MS) (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Diethyl phthalate	0.36	U	0.36	0.012	mg/Kg	☼	10/05/25 13:19	10/06/25 14:18	1
Dimethyl phthalate	0.36	U	0.36	0.082	mg/Kg	☼	10/05/25 13:19	10/06/25 14:18	1
Di-n-butyl phthalate	0.36	U	0.36	0.014	mg/Kg	☼	10/05/25 13:19	10/06/25 14:18	1
Di-n-octyl phthalate	0.36	U	0.36	0.019	mg/Kg	☼	10/05/25 13:19	10/06/25 14:18	1
Fluoranthene	0.36	U	0.36	0.013	mg/Kg	☼	10/05/25 13:19	10/06/25 14:18	1
Fluorene	0.36	U	0.36	0.011	mg/Kg	☼	10/05/25 13:19	10/06/25 14:18	1
Hexachlorobenzene	0.036	U	0.036	0.017	mg/Kg	☼	10/05/25 13:19	10/06/25 14:18	1
Hexachlorobutadiene	0.073	U	0.073	0.0077	mg/Kg	☼	10/05/25 13:19	10/06/25 14:18	1
Hexachlorocyclopentadiene	0.36	U	0.36	0.032	mg/Kg	☼	10/05/25 13:19	10/06/25 14:18	1
Hexachloroethane	0.036	U	0.036	0.012	mg/Kg	☼	10/05/25 13:19	10/06/25 14:18	1
Indeno[1,2,3-cd]pyrene	0.036	U	0.036	0.014	mg/Kg	☼	10/05/25 13:19	10/06/25 14:18	1
Isophorone	0.15	U	0.15	0.10	mg/Kg	☼	10/05/25 13:19	10/06/25 14:18	1
Naphthalene	0.36	U	0.36	0.0063	mg/Kg	☼	10/05/25 13:19	10/06/25 14:18	1
Nitrobenzene	0.036	U	0.036	0.020	mg/Kg	☼	10/05/25 13:19	10/06/25 14:18	1
N-Nitrosodi-n-propylamine	0.036	U	0.036	0.026	mg/Kg	☼	10/05/25 13:19	10/06/25 14:18	1
N-Nitrosodiphenylamine	0.36	U	0.36	0.030	mg/Kg	☼	10/05/25 13:19	10/06/25 14:18	1
Pentachlorophenol	0.29	U	0.29	0.074	mg/Kg	☼	10/05/25 13:19	10/06/25 14:18	1
Phenanthrene	0.36	U	0.36	0.015	mg/Kg	☼	10/05/25 13:19	10/06/25 14:18	1
Phenol	0.36	U	0.36	0.013	mg/Kg	☼	10/05/25 13:19	10/06/25 14:18	1
Pyrene	0.36	U	0.36	0.0090	mg/Kg	☼	10/05/25 13:19	10/06/25 14:18	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
2,4,6-Tribromophenol (Surr)	*85*		*18 - 137*	*10/05/25 13:19*	*10/06/25 14:18*	*1*
2-Fluorobiphenyl	*87*		*33 - 117*	*10/05/25 13:19*	*10/06/25 14:18*	*1*
2-Fluorophenol (Surr)	*88*		*24 - 120*	*10/05/25 13:19*	*10/06/25 14:18*	*1*
Nitrobenzene-d5 (Surr)	*90*		*27 - 120*	*10/05/25 13:19*	*10/06/25 14:18*	*1*
Phenol-d5 (Surr)	*90*		*28 - 118*	*10/05/25 13:19*	*10/06/25 14:18*	*1*
Terphenyl-d14 (Surr)	*97*		*33 - 124*	*10/05/25 13:19*	*10/06/25 14:18*	*1*

Method: SW846 8081B - Organochlorine Pesticides (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
4,4'-DDD	0.0073	U	0.0073	0.0012	mg/Kg	☼	10/05/25 16:16	10/06/25 11:51	1
4,4'-DDE	0.0073	U	0.0073	0.00086	mg/Kg	☼	10/05/25 16:16	10/06/25 11:51	1
4,4'-DDT	0.0073	U	0.0073	0.0013	mg/Kg	☼	10/05/25 16:16	10/06/25 11:51	1
Aldrin	0.0073	U	0.0073	0.0011	mg/Kg	☼	10/05/25 16:16	10/06/25 11:51	1
alpha-BHC	0.0022	U	0.0022	0.00074	mg/Kg	☼	10/05/25 16:16	10/06/25 11:51	1
beta-BHC	0.0022	U	0.0022	0.00082	mg/Kg	☼	10/05/25 16:16	10/06/25 11:51	1
Chlordane (technical)	0.073	U	0.073	0.018	mg/Kg	☼	10/05/25 16:16	10/06/25 11:51	1
cis-Chlordane	0.0073	U	0.0073	0.0012	mg/Kg	☼	10/05/25 16:16	10/06/25 11:51	1
delta-BHC	0.0022	U	0.0022	0.00045	mg/Kg	☼	10/05/25 16:16	10/06/25 11:51	1
Dieldrin	0.0022	U	0.0022	0.00095	mg/Kg	☼	10/05/25 16:16	10/06/25 11:51	1
Endosulfan I	0.0073	U	0.0073	0.0011	mg/Kg	☼	10/05/25 16:16	10/06/25 11:51	1
Endosulfan II	0.0073	U	0.0073	0.0019	mg/Kg	☼	10/05/25 16:16	10/06/25 11:51	1
Endosulfan sulfate	0.0073	U	0.0073	0.00092	mg/Kg	☼	10/05/25 16:16	10/06/25 11:51	1
Endrin	0.0073	U	0.0073	0.0010	mg/Kg	☼	10/05/25 16:16	10/06/25 11:51	1
Endrin aldehyde	0.0073	U	0.0073	0.0017	mg/Kg	☼	10/05/25 16:16	10/06/25 11:51	1
Endrin ketone	0.0073	U	0.0073	0.0014	mg/Kg	☼	10/05/25 16:16	10/06/25 11:51	1
gamma-BHC (Lindane)	0.0022	U	0.0022	0.00068	mg/Kg	☼	10/05/25 16:16	10/06/25 11:51	1
Heptachlor	0.0073	U	0.0073	0.00086	mg/Kg	☼	10/05/25 16:16	10/06/25 11:51	1
Heptachlor epoxide	0.0073	U	0.0073	0.0011	mg/Kg	☼	10/05/25 16:16	10/06/25 11:51	1

Client Sample ID: 4B_7-14
Date Collected: 10/02/25 08:45
Date Received: 10/02/25 16:00

Lab Sample ID: 460-336309-10
Matrix: Solid
Percent Solids: 91.5

Method: SW846 8081B - Organochlorine Pesticides (GC) (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Methoxychlor	0.0073	U	0.0073	0.0017	mg/Kg	☼	10/05/25 16:16	10/06/25 11:51	1
Toxaphene	0.073	U	0.073	0.026	mg/Kg	☼	10/05/25 16:16	10/06/25 11:51	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
DCB Decachlorobiphenyl	*80*		*10 - 150*	*10/05/25 16:16*	*10/06/25 11:51*	*1*
DCB Decachlorobiphenyl	*104*		*10 - 150*	*10/05/25 16:16*	*10/06/25 11:51*	*1*
Tetrachloro-m-xylene	*85*		*14 - 150*	*10/05/25 16:16*	*10/06/25 11:51*	*1*
Tetrachloro-m-xylene	*85*		*14 - 150*	*10/05/25 16:16*	*10/06/25 11:51*	*1*

Method: SW846 8082A - Polychlorinated Biphenyls (PCBs) by Gas Chromatography

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Aroclor 1016	0.073	U	0.073	0.019	mg/Kg	☼	10/05/25 15:56	10/06/25 22:09	1
Aroclor 1221	0.073	U	0.073	0.019	mg/Kg	☼	10/05/25 15:56	10/06/25 22:09	1
Aroclor 1232	0.073	U	0.073	0.019	mg/Kg	☼	10/05/25 15:56	10/06/25 22:09	1
Aroclor 1242	0.073	U	0.073	0.019	mg/Kg	☼	10/05/25 15:56	10/06/25 22:09	1
Aroclor 1248	0.073	U	0.073	0.019	mg/Kg	☼	10/05/25 15:56	10/06/25 22:09	1
Aroclor 1254	0.073	U	0.073	0.019	mg/Kg	☼	10/05/25 15:56	10/06/25 22:09	1
Aroclor 1260	0.073	U	0.073	0.019	mg/Kg	☼	10/05/25 15:56	10/06/25 22:09	1
Aroclor-1262	0.073	U	0.073	0.019	mg/Kg	☼	10/05/25 15:56	10/06/25 22:09	1
Aroclor 1268	0.073	U	0.073	0.019	mg/Kg	☼	10/05/25 15:56	10/06/25 22:09	1
Polychlorinated biphenyls, Total	0.073	U	0.073	0.019	mg/Kg	☼	10/05/25 15:56	10/06/25 22:09	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
DCB Decachlorobiphenyl	*101*		*10 - 150*	*10/05/25 15:56*	*10/06/25 22:09*	*1*
DCB Decachlorobiphenyl	*103*		*10 - 150*	*10/05/25 15:56*	*10/06/25 22:09*	*1*
Tetrachloro-m-xylene	*85*		*10 - 150*	*10/05/25 15:56*	*10/06/25 22:09*	*1*
Tetrachloro-m-xylene	*96*		*10 - 150*	*10/05/25 15:56*	*10/06/25 22:09*	*1*

Method: EPA 1633A - Per- and Polyfluoroalkyl Substances by LC/MS/MS, 1633A

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Perfluorobutanoic acid (PFBA)	0.40	U	0.40	0.099	ug/Kg	☼	10/08/25 06:11	10/09/25 11:51	1
Perfluoropentanoic acid (PFPeA)	0.20	U	0.20	0.099	ug/Kg	☼	10/08/25 06:11	10/09/25 11:51	1
Perfluorohexanoic acid (PFHxA)	0.20	U	0.20	0.099	ug/Kg	☼	10/08/25 06:11	10/09/25 11:51	1
Perfluoroheptanoic acid (PFHpA)	0.20	U	0.20	0.099	ug/Kg	☼	10/08/25 06:11	10/09/25 11:51	1
Perfluorooctanoic acid (PFOA)	0.20	U	0.20	0.060	ug/Kg	☼	10/08/25 06:11	10/09/25 11:51	1
Perfluorononanoic acid (PFNA)	**0.24**		0.20	0.099	ug/Kg	☼	10/08/25 06:11	10/09/25 11:51	1
Perfluorodecanoic acid (PFDA)	0.20	U	0.20	0.060	ug/Kg	☼	10/08/25 06:11	10/09/25 11:51	1
Perfluoroundecanoic acid (PFUnA)	**1.63**		0.20	0.099	ug/Kg	☼	10/08/25 06:11	10/09/25 11:51	1
Perfluorododecanoic acid (PFDoA)	0.20	U	0.20	0.099	ug/Kg	☼	10/08/25 06:11	10/09/25 11:51	1
Perfluorotridecanoic acid (PFTrDA)	**1.53**		0.20	0.099	ug/Kg	☼	10/08/25 06:11	10/09/25 11:51	1
Perfluorotetradecanoic acid (PFTeDA)	0.20	U	0.20	0.099	ug/Kg	☼	10/08/25 06:11	10/09/25 11:51	1
Perfluorobutanesulfonic acid (PFBS)	0.20	U	0.20	0.099	ug/Kg	☼	10/08/25 06:11	10/09/25 11:51	1
Perfluoropentanesulfonic acid (PFPeS)	0.20	U	0.20	0.099	ug/Kg	☼	10/08/25 06:11	10/09/25 11:51	1
Perfluorohexanesulfonic acid (PFHxS)	0.20	U	0.20	0.099	ug/Kg	☼	10/08/25 06:11	10/09/25 11:51	1
Perfluoroheptanesulfonic acid (PFHpS)	0.20	U	0.20	0.099	ug/Kg	☼	10/08/25 06:11	10/09/25 11:51	1
Perfluorooctanesulfonic acid (PFOS)	0.20	U	0.20	0.099	ug/Kg	☼	10/08/25 06:11	10/09/25 11:51	1
Perfluorononanesulfonic acid (PFNS)	0.20	U	0.20	0.099	ug/Kg	☼	10/08/25 06:11	10/09/25 11:51	1

Client Sample ID: 4B_7-14
Date Collected: 10/02/25 08:45
Date Received: 10/02/25 16:00

Lab Sample ID: 460-336309-10
Matrix: Solid
Percent Solids: 91.5

Method: EPA 1633A - Per- and Polyfluoroalkyl Substances by LC/MS/MS, 1633A (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Perfluorodecanesulfonic acid (PFDS)	0.20	U	0.20	0.099	ug/Kg	☼	10/08/25 06:11	10/09/25 11:51	1
Perfluorododecanesulfonic acid (PFDoS)	0.20	U	0.20	0.099	ug/Kg	☼	10/08/25 06:11	10/09/25 11:51	1
1H,1H,2H,2H-Perfluorohexane sulfonic acid (4:2 FTS)	0.40	U	0.40	0.20	ug/Kg	☼	10/08/25 06:11	10/09/25 11:51	1
1H,1H,2H,2H-Perfluorooctane sulfonic acid (6:2 FTS)	0.40	U	0.40	0.20	ug/Kg	☼	10/08/25 06:11	10/09/25 11:51	1
1H,1H,2H,2H-Perfluorodecane sulfonic acid (8:2 FTS)	0.40	U	0.40	0.20	ug/Kg	☼	10/08/25 06:11	10/09/25 11:51	1
Perfluorooctanesulfonamide (PFOSA)	0.20	U	0.20	0.099	ug/Kg	☼	10/08/25 06:11	10/09/25 11:51	1
N-methylperfluorooctane sulfonamide (NMeFOSA)	0.20	U	0.20	0.099	ug/Kg	☼	10/08/25 06:11	10/09/25 11:51	1
N-ethylperfluorooctane sulfonamide (NEtFOSA)	0.20	U	0.20	0.099	ug/Kg	☼	10/08/25 06:11	10/09/25 11:51	1
N-methylperfluorooctanesulfonamidoacetic acid (NMeFOSAA)	0.20	U	0.20	0.099	ug/Kg	☼	10/08/25 06:11	10/09/25 11:51	1
N-ethylperfluorooctanesulfonamidoacetic acid (NEtFOSAA)	0.20	U	0.20	0.099	ug/Kg	☼	10/08/25 06:11	10/09/25 11:51	1
N-methylperfluorooctane sulfonamidoethanol (NMeFOSE)	0.99	U	0.99	0.50	ug/Kg	☼	10/08/25 06:11	10/09/25 11:51	1
N-ethylperfluorooctane sulfonamidoethanol (NEtFOSE)	0.99	U	0.99	0.50	ug/Kg	☼	10/08/25 06:11	10/09/25 11:51	1
Hexafluoropropylene Oxide Dimer Acid (HFPO-DA)	0.20	U	0.20	0.099	ug/Kg	☼	10/08/25 06:11	10/09/25 11:51	1
4,8-Dioxa-3H-perfluorononanoic acid (ADONA)	0.20	U	0.20	0.099	ug/Kg	☼	10/08/25 06:11	10/09/25 11:51	1
Perfluoro-3-methoxypropanoic acid (PFMPA)	0.20	U	0.20	0.099	ug/Kg	☼	10/08/25 06:11	10/09/25 11:51	1
Perfluoro-4-methoxybutanoic acid (PFMBA)	0.20	U	0.20	0.099	ug/Kg	☼	10/08/25 06:11	10/09/25 11:51	1
Nonafluoro-3,6-dioxaheptanoic acid (NFDHA)	0.20	U	0.20	0.099	ug/Kg	☼	10/08/25 06:11	10/09/25 11:51	1
9-Chlorohexadecafluoro-3-oxanonane-1-sulfonic acid (9Cl-PF3ONS)	0.20	U	0.20	0.099	ug/Kg	☼	10/08/25 06:11	10/09/25 11:51	1
11-Chloroeicosafluoro-3-oxaundecane-1-sulfonic acid (11Cl-PF3OUdS)	0.20	U	0.20	0.099	ug/Kg	☼	10/08/25 06:11	10/09/25 11:51	1
Perfluoro (2-ethoxyethane) sulfonic acid (PFEESA)	0.20	U	0.20	0.099	ug/Kg	☼	10/08/25 06:11	10/09/25 11:51	1
3-Perfluoropropylpropanoic acid (3:3 FTCA)	0.40	U	0.40	0.20	ug/Kg	☼	10/08/25 06:11	10/09/25 11:51	1
3-Perfluoropentylpropanoic acid (5:3 FTCA)	0.99	U	0.99	0.50	ug/Kg	☼	10/08/25 06:11	10/09/25 11:51	1
3-Perfluoroheptylpropanoic acid (7:3 FTCA)	0.99	U	0.99	0.50	ug/Kg	☼	10/08/25 06:11	10/09/25 11:51	1

Isotope Dilution	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
13C4 PFBA	*110*		*8 - 130*	*10/08/25 06:11*	*10/09/25 11:51*	*1*
13C5 PFPeA	*110*		*35 - 130*	*10/08/25 06:11*	*10/09/25 11:51*	*1*
13C5 PFHxA	*108*		*40 - 130*	*10/08/25 06:11*	*10/09/25 11:51*	*1*
13C4 PFHpA	*98.6*		*40 - 130*	*10/08/25 06:11*	*10/09/25 11:51*	*1*
13C8 PFOA	*110*		*40 - 130*	*10/08/25 06:11*	*10/09/25 11:51*	*1*
13C9 PFNA	*103*		*40 - 130*	*10/08/25 06:11*	*10/09/25 11:51*	*1*
13C6 PFDA	*96.7*		*40 - 130*	*10/08/25 06:11*	*10/09/25 11:51*	*1*
13C7 PFUnA	*85.7*		*40 - 130*	*10/08/25 06:11*	*10/09/25 11:51*	*1*
13C2 PFTeDA	*49.2*		*20 - 130*	*10/08/25 06:11*	*10/09/25 11:51*	*1*

Client Sample ID: 4B_7-14
Date Collected: 10/02/25 08:45
Date Received: 10/02/25 16:00

Lab Sample ID: 460-336309-10
Matrix: Solid
Percent Solids: 91.5

Method: EPA 1633A - Per- and Polyfluoroalkyl Substances by LC/MS/MS, 1633A (Continued)

Isotope Dilution	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
13C3 PFBS	110		40 - 135	10/08/25 06:11	10/09/25 11:51	1
13C3 PFHxS	99.8		40 - 130	10/08/25 06:11	10/09/25 11:51	1
13C8 PFOS	95.6		40 - 130	10/08/25 06:11	10/09/25 11:51	1
13C8 FOSA	98.9		40 - 130	10/08/25 06:11	10/09/25 11:51	1
d3-NMeFOSAA	80.8		40 - 135	10/08/25 06:11	10/09/25 11:51	1
d5-NEtFOSAA	66.3		40 - 150	10/08/25 06:11	10/09/25 11:51	1
13C2 4:2 FTS	134		40 - 165	10/08/25 06:11	10/09/25 11:51	1
13C2 6:2 FTS	110		40 - 215	10/08/25 06:11	10/09/25 11:51	1
13C2 8:2 FTS	131		40 - 275	10/08/25 06:11	10/09/25 11:51	1
13C3 HFPO-DA	96.0		40 - 130	10/08/25 06:11	10/09/25 11:51	1
d7-N-MeFOSE-M	44.7		20 - 130	10/08/25 06:11	10/09/25 11:51	1
d9-N-EtFOSE-M	38.7		15 - 130	10/08/25 06:11	10/09/25 11:51	1
d5-NEtPFOSA	71.3		10 - 130	10/08/25 06:11	10/09/25 11:51	1
d3-NMePFOSA	82.6		10 - 130	10/08/25 06:11	10/09/25 11:51	1
13C2 PFDoA	82.8		40 - 130	10/08/25 06:11	10/09/25 11:51	1

Method: SW846 6020B - Metals (ICP/MS)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Aluminum	**8420**		19.2	5.3	mg/Kg	☼	10/08/25 06:57	10/08/25 15:56	1
Antimony	**0.30**	**J**	0.96	0.14	mg/Kg	☼	10/08/25 06:57	10/08/25 15:56	1
Arsenic	**3.8**		0.96	0.099	mg/Kg	☼	10/08/25 06:57	10/08/25 15:56	1
Barium	**38.2**		1.9	0.14	mg/Kg	☼	10/08/25 06:57	10/08/25 15:56	1
Beryllium	**0.45**		0.38	0.021	mg/Kg	☼	10/08/25 06:57	10/08/25 15:56	1
Cadmium	0.96	U	0.96	0.11	mg/Kg	☼	10/08/25 06:57	10/08/25 15:56	1
Calcium	**696**		95.9	9.3	mg/Kg	☼	10/08/25 06:57	10/08/25 15:56	1
Chromium	**13.9**		1.9	0.28	mg/Kg	☼	10/08/25 06:57	10/08/25 15:56	1
Cobalt	**6.1**		0.96	0.14	mg/Kg	☼	10/08/25 06:57	10/08/25 15:56	1
Copper	**22.3**		1.9	0.35	mg/Kg	☼	10/08/25 06:57	10/08/25 15:56	1
Iron	**15100**		57.5	7.3	mg/Kg	☼	10/08/25 06:57	10/08/25 15:56	1
Lead	**18.8**		0.58	0.19	mg/Kg	☼	10/08/25 06:57	10/08/25 15:56	1
Magnesium	**2780**		95.9	9.8	mg/Kg	☼	10/08/25 06:57	10/08/25 15:56	1
Manganese	**256**		3.8	0.39	mg/Kg	☼	10/08/25 06:57	10/08/25 15:56	1
Nickel	**14.9**		1.9	0.17	mg/Kg	☼	10/08/25 06:57	10/08/25 15:56	1
Potassium	**1060**		95.9	15.5	mg/Kg	☼	10/08/25 06:57	10/08/25 15:56	1
Selenium	**0.17**	**J**	1.2	0.12	mg/Kg	☼	10/08/25 06:57	10/08/25 15:56	1
Silver	0.38	U	0.38	0.085	mg/Kg	☼	10/08/25 06:57	10/08/25 15:56	1
Sodium	**69.1**	**J**	95.9	43.8	mg/Kg	☼	10/08/25 06:57	10/08/25 15:56	1
Thallium	**0.089**	**J**	0.38	0.039	mg/Kg	☼	10/08/25 06:57	10/08/25 15:56	1
Vanadium	**20.6**		1.9	0.20	mg/Kg	☼	10/08/25 06:57	10/08/25 15:56	1
Zinc	**41.8**		7.7	1.0	mg/Kg	☼	10/08/25 06:57	10/08/25 15:56	1

Method: SW846 7471B - Mercury (CVAA)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	**0.030**		0.018	0.0083	mg/Kg	☼	10/09/25 01:54	10/09/25 08:48	1

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Percent Moisture (EPA Moisture)	**8.5**		1.0	1.0	%			10/07/25 16:17	1
Percent Solids (EPA Moisture)	**91.5**		1.0	1.0	%			10/07/25 16:17	1

Client Sample ID: 4C_0-7
Date Collected: 10/02/25 08:50
Date Received: 10/02/25 16:00

Lab Sample ID: 460-336309-11
Matrix: Solid
Percent Solids: 91.2

Method: SW846 8270E - Semivolatile Organic Compounds (GC/MS)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1'-Biphenyl	0.36	U	0.36	0.013	mg/Kg	☼	10/05/25 13:19	10/06/25 14:40	1
1,2,4,5-Tetrachlorobenzene	0.36	U	0.36	0.011	mg/Kg	☼	10/05/25 13:19	10/06/25 14:40	1
1,4-Dioxane	0.036	U	0.036	0.032	mg/Kg	☼	10/05/25 13:19	10/06/25 14:40	1
2,2'-oxybis[1-chloropropane]	0.36	U	0.36	0.022	mg/Kg	☼	10/05/25 13:19	10/06/25 14:40	1
2,3,4,6-Tetrachlorophenol	0.36	U	0.36	0.024	mg/Kg	☼	10/05/25 13:19	10/06/25 14:40	1
2,4,5-Trichlorophenol	0.36	U	0.36	0.037	mg/Kg	☼	10/05/25 13:19	10/06/25 14:40	1
2,4,6-Trichlorophenol	0.15	U	0.15	0.046	mg/Kg	☼	10/05/25 13:19	10/06/25 14:40	1
2,4-Dichlorophenol	0.15	U	0.15	0.023	mg/Kg	☼	10/05/25 13:19	10/06/25 14:40	1
2,4-Dimethylphenol	0.36	U	0.36	0.043	mg/Kg	☼	10/05/25 13:19	10/06/25 14:40	1
2,4-Dinitrophenol	0.29	U	0.29	0.18	mg/Kg	☼	10/05/25 13:19	10/06/25 14:40	1
2,4-Dinitrotoluene	0.073	U	0.073	0.039	mg/Kg	☼	10/05/25 13:19	10/06/25 14:40	1
2,6-Dinitrotoluene	0.073	U	0.073	0.026	mg/Kg	☼	10/05/25 13:19	10/06/25 14:40	1
2-Chloronaphthalene	0.36	U	0.36	0.046	mg/Kg	☼	10/05/25 13:19	10/06/25 14:40	1
2-Chlorophenol	0.36	U	0.36	0.013	mg/Kg	☼	10/05/25 13:19	10/06/25 14:40	1
2-Methylnaphthalene	0.36	U	0.36	0.010	mg/Kg	☼	10/05/25 13:19	10/06/25 14:40	1
2-Methylphenol	0.36	U	0.36	0.014	mg/Kg	☼	10/05/25 13:19	10/06/25 14:40	1
2-Nitroaniline	0.36	U	0.36	0.028	mg/Kg	☼	10/05/25 13:19	10/06/25 14:40	1
2-Nitrophenol	0.36	U	0.36	0.036	mg/Kg	☼	10/05/25 13:19	10/06/25 14:40	1
3 & 4 Methylphenol	0.36	U	0.36	0.023	mg/Kg	☼	10/05/25 13:19	10/06/25 14:40	1
3,3'-Dichlorobenzidine	0.15	U	0.15	0.055	mg/Kg	☼	10/05/25 13:19	10/06/25 14:40	1
3-Nitroaniline	0.36	U	0.36	0.086	mg/Kg	☼	10/05/25 13:19	10/06/25 14:40	1
4,6-Dinitro-2-methylphenol	0.29	U	0.29	0.15	mg/Kg	☼	10/05/25 13:19	10/06/25 14:40	1
4-Bromophenyl phenyl ether	0.36	U	0.36	0.014	mg/Kg	☼	10/05/25 13:19	10/06/25 14:40	1
4-Chloro-3-methylphenol	0.36	U	0.36	0.020	mg/Kg	☼	10/05/25 13:19	10/06/25 14:40	1
4-Chloroaniline	0.36	U	0.36	0.064	mg/Kg	☼	10/05/25 13:19	10/06/25 14:40	1
4-Chlorophenyl phenyl ether	0.36	U	0.36	0.013	mg/Kg	☼	10/05/25 13:19	10/06/25 14:40	1
4-Methylphenol	0.36	U	0.36	0.023	mg/Kg	☼	10/05/25 13:19	10/06/25 14:40	1
4-Nitroaniline	0.36	U	0.36	0.092	mg/Kg	☼	10/05/25 13:19	10/06/25 14:40	1
4-Nitrophenol	0.73	U	0.73	0.059	mg/Kg	☼	10/05/25 13:19	10/06/25 14:40	1
Acenaphthene	0.36	U	0.36	0.010	mg/Kg	☼	10/05/25 13:19	10/06/25 14:40	1
Acenaphthylene	0.36	U	0.36	0.010	mg/Kg	☼	10/05/25 13:19	10/06/25 14:40	1
Acetophenone	0.36	U	0.36	0.018	mg/Kg	☼	10/05/25 13:19	10/06/25 14:40	1
Anthracene	0.36	U	0.36	0.011	mg/Kg	☼	10/05/25 13:19	10/06/25 14:40	1
Atrazine	0.15	U *	0.15	0.021	mg/Kg	☼	10/05/25 13:19	10/06/25 14:40	1
Benzaldehyde	0.36	U *	0.36	0.060	mg/Kg	☼	10/05/25 13:19	10/06/25 14:40	1
Benzo[a]anthracene	**0.039**		0.036	0.027	mg/Kg	☼	10/05/25 13:19	10/06/25 14:40	1
Benzo[a]pyrene	**0.034**	**J**	0.036	0.0096	mg/Kg	☼	10/05/25 13:19	10/06/25 14:40	1
Benzo[b]fluoranthene	**0.049**		0.036	0.0094	mg/Kg	☼	10/05/25 13:19	10/06/25 14:40	1
Benzo[g,h,i]perylene	**0.028**	**J**	0.36	0.011	mg/Kg	☼	10/05/25 13:19	10/06/25 14:40	1
Benzo[k]fluoranthene	**0.015**	**J**	0.036	0.0071	mg/Kg	☼	10/05/25 13:19	10/06/25 14:40	1
Bis(2-chloroethoxy)methane	0.36	U	0.36	0.067	mg/Kg	☼	10/05/25 13:19	10/06/25 14:40	1
Bis(2-chloroethyl)ether	0.036	U	0.036	0.013	mg/Kg	☼	10/05/25 13:19	10/06/25 14:40	1
Bis(2-ethylhexyl) phthalate	0.36	U	0.36	0.019	mg/Kg	☼	10/05/25 13:19	10/06/25 14:40	1
Butyl benzyl phthalate	0.36	U	0.36	0.017	mg/Kg	☼	10/05/25 13:19	10/06/25 14:40	1
Caprolactam	0.36	U *	0.36	0.056	mg/Kg	☼	10/05/25 13:19	10/06/25 14:40	1
Carbazole	0.36	U	0.36	0.014	mg/Kg	☼	10/05/25 13:19	10/06/25 14:40	1
Chrysene	**0.044**	**J**	0.36	0.015	mg/Kg	☼	10/05/25 13:19	10/06/25 14:40	1
Dibenz(a,h)anthracene	0.036	U	0.036	0.016	mg/Kg	☼	10/05/25 13:19	10/06/25 14:40	1
Dibenzofuran	0.36	U	0.36	0.012	mg/Kg	☼	10/05/25 13:19	10/06/25 14:40	1

Client Sample ID: 4C_0-7

Date Collected: 10/02/25 08:50
Date Received: 10/02/25 16:00

Lab Sample ID: 460-336309-11

Matrix: Solid
Percent Solids: 91.2

Method: SW846 8270E - Semivolatile Organic Compounds (GC/MS) (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Diethyl phthalate	0.36	U	0.36	0.012	mg/Kg	☼	10/05/25 13:19	10/06/25 14:40	1
Dimethyl phthalate	0.36	U	0.36	0.082	mg/Kg	☼	10/05/25 13:19	10/06/25 14:40	1
Di-n-butyl phthalate	0.36	U	0.36	0.014	mg/Kg	☼	10/05/25 13:19	10/06/25 14:40	1
Di-n-octyl phthalate	0.36	U	0.36	0.019	mg/Kg	☼	10/05/25 13:19	10/06/25 14:40	1
Fluoranthene	**0.052**	**J**	0.36	0.013	mg/Kg	☼	10/05/25 13:19	10/06/25 14:40	1
Fluorene	0.36	U	0.36	0.011	mg/Kg	☼	10/05/25 13:19	10/06/25 14:40	1
Hexachlorobenzene	0.036	U	0.036	0.017	mg/Kg	☼	10/05/25 13:19	10/06/25 14:40	1
Hexachlorobutadiene	0.073	U	0.073	0.0077	mg/Kg	☼	10/05/25 13:19	10/06/25 14:40	1
Hexachlorocyclopentadiene	0.36	U	0.36	0.032	mg/Kg	☼	10/05/25 13:19	10/06/25 14:40	1
Hexachloroethane	0.036	U	0.036	0.012	mg/Kg	☼	10/05/25 13:19	10/06/25 14:40	1
Indeno[1,2,3-cd]pyrene	**0.023**	**J**	0.036	0.014	mg/Kg	☼	10/05/25 13:19	10/06/25 14:40	1
Isophorone	0.15	U	0.15	0.10	mg/Kg	☼	10/05/25 13:19	10/06/25 14:40	1
Naphthalene	**0.012**	**J**	0.36	0.0063	mg/Kg	☼	10/05/25 13:19	10/06/25 14:40	1
Nitrobenzene	0.036	U	0.036	0.020	mg/Kg	☼	10/05/25 13:19	10/06/25 14:40	1
N-Nitrosodi-n-propylamine	0.036	U	0.036	0.026	mg/Kg	☼	10/05/25 13:19	10/06/25 14:40	1
N-Nitrosodiphenylamine	0.36	U	0.36	0.030	mg/Kg	☼	10/05/25 13:19	10/06/25 14:40	1
Pentachlorophenol	0.29	U	0.29	0.074	mg/Kg	☼	10/05/25 13:19	10/06/25 14:40	1
Phenanthrene	**0.021**	**J**	0.36	0.015	mg/Kg	☼	10/05/25 13:19	10/06/25 14:40	1
Phenol	0.36	U	0.36	0.013	mg/Kg	☼	10/05/25 13:19	10/06/25 14:40	1
Pyrene	**0.056**	**J**	0.36	0.0090	mg/Kg	☼	10/05/25 13:19	10/06/25 14:40	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
2,4,6-Tribromophenol (Surr)	*89*		*18 - 137*	*10/05/25 13:19*	*10/06/25 14:40*	*1*
2-Fluorobiphenyl	*91*		*33 - 117*	*10/05/25 13:19*	*10/06/25 14:40*	*1*
2-Fluorophenol (Surr)	*91*		*24 - 120*	*10/05/25 13:19*	*10/06/25 14:40*	*1*
Nitrobenzene-d5 (Surr)	*94*		*27 - 120*	*10/05/25 13:19*	*10/06/25 14:40*	*1*
Phenol-d5 (Surr)	*94*		*28 - 118*	*10/05/25 13:19*	*10/06/25 14:40*	*1*
Terphenyl-d14 (Surr)	*99*		*33 - 124*	*10/05/25 13:19*	*10/06/25 14:40*	*1*

Method: SW846 8081B - Organochlorine Pesticides (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
4,4'-DDD	0.0073	U	0.0073	0.0012	mg/Kg	☼	10/05/25 16:16	10/06/25 12:04	1
4,4'-DDE	0.0073	U	0.0073	0.00087	mg/Kg	☼	10/05/25 16:16	10/06/25 12:04	1
4,4'-DDT	0.0073	U	0.0073	0.0013	mg/Kg	☼	10/05/25 16:16	10/06/25 12:04	1
Aldrin	0.0073	U	0.0073	0.0011	mg/Kg	☼	10/05/25 16:16	10/06/25 12:04	1
alpha-BHC	0.0022	U	0.0022	0.00075	mg/Kg	☼	10/05/25 16:16	10/06/25 12:04	1
beta-BHC	0.0022	U	0.0022	0.00082	mg/Kg	☼	10/05/25 16:16	10/06/25 12:04	1
Chlordane (technical)	0.073	U	0.073	0.018	mg/Kg	☼	10/05/25 16:16	10/06/25 12:04	1
cis-Chlordane	0.0073	U	0.0073	0.0012	mg/Kg	☼	10/05/25 16:16	10/06/25 12:04	1
delta-BHC	0.0022	U	0.0022	0.00045	mg/Kg	☼	10/05/25 16:16	10/06/25 12:04	1
Dieldrin	0.0022	U	0.0022	0.00095	mg/Kg	☼	10/05/25 16:16	10/06/25 12:04	1
Endosulfan I	0.0073	U	0.0073	0.0011	mg/Kg	☼	10/05/25 16:16	10/06/25 12:04	1
Endosulfan II	0.0073	U	0.0073	0.0019	mg/Kg	☼	10/05/25 16:16	10/06/25 12:04	1
Endosulfan sulfate	0.0073	U	0.0073	0.00092	mg/Kg	☼	10/05/25 16:16	10/06/25 12:04	1
Endrin	0.0073	U	0.0073	0.0011	mg/Kg	☼	10/05/25 16:16	10/06/25 12:04	1
Endrin aldehyde	0.0073	U	0.0073	0.0017	mg/Kg	☼	10/05/25 16:16	10/06/25 12:04	1
Endrin ketone	0.0073	U	0.0073	0.0014	mg/Kg	☼	10/05/25 16:16	10/06/25 12:04	1
gamma-BHC (Lindane)	0.0022	U	0.0022	0.00068	mg/Kg	☼	10/05/25 16:16	10/06/25 12:04	1
Heptachlor	0.0073	U	0.0073	0.00087	mg/Kg	☼	10/05/25 16:16	10/06/25 12:04	1
Heptachlor epoxide	0.0073	U	0.0073	0.0011	mg/Kg	☼	10/05/25 16:16	10/06/25 12:04	1

Client Sample ID: 4C_0-7
Date Collected: 10/02/25 08:50
Date Received: 10/02/25 16:00

Lab Sample ID: 460-336309-11
Matrix: Solid
Percent Solids: 91.2

Method: SW846 8081B - Organochlorine Pesticides (GC) (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Methoxychlor	0.0073	U	0.0073	0.0017	mg/Kg	☼	10/05/25 16:16	10/06/25 12:04	1
Toxaphene	0.073	U	0.073	0.027	mg/Kg	☼	10/05/25 16:16	10/06/25 12:04	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
DCB Decachlorobiphenyl	*103*		*10 - 150*	*10/05/25 16:16*	*10/06/25 12:04*	*1*
DCB Decachlorobiphenyl	*138*		*10 - 150*	*10/05/25 16:16*	*10/06/25 12:04*	*1*
Tetrachloro-m-xylene	*97*		*14 - 150*	*10/05/25 16:16*	*10/06/25 12:04*	*1*
Tetrachloro-m-xylene	*109*		*14 - 150*	*10/05/25 16:16*	*10/06/25 12:04*	*1*

Method: SW846 8082A - Polychlorinated Biphenyls (PCBs) by Gas Chromatography

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Aroclor 1016	0.073	U	0.073	0.020	mg/Kg	☼	10/05/25 15:56	10/06/25 22:26	1
Aroclor 1221	0.073	U	0.073	0.020	mg/Kg	☼	10/05/25 15:56	10/06/25 22:26	1
Aroclor 1232	0.073	U	0.073	0.020	mg/Kg	☼	10/05/25 15:56	10/06/25 22:26	1
Aroclor 1242	0.073	U	0.073	0.020	mg/Kg	☼	10/05/25 15:56	10/06/25 22:26	1
Aroclor 1248	0.073	U	0.073	0.020	mg/Kg	☼	10/05/25 15:56	10/06/25 22:26	1
Aroclor 1254	0.073	U	0.073	0.020	mg/Kg	☼	10/05/25 15:56	10/06/25 22:26	1
Aroclor 1260	0.073	U	0.073	0.020	mg/Kg	☼	10/05/25 15:56	10/06/25 22:26	1
Aroclor-1262	0.073	U	0.073	0.020	mg/Kg	☼	10/05/25 15:56	10/06/25 22:26	1
Aroclor 1268	0.073	U	0.073	0.020	mg/Kg	☼	10/05/25 15:56	10/06/25 22:26	1
Polychlorinated biphenyls, Total	0.073	U	0.073	0.020	mg/Kg	☼	10/05/25 15:56	10/06/25 22:26	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
DCB Decachlorobiphenyl	*120*		*10 - 150*	*10/05/25 15:56*	*10/06/25 22:26*	*1*
DCB Decachlorobiphenyl	*119*		*10 - 150*	*10/05/25 15:56*	*10/06/25 22:26*	*1*
Tetrachloro-m-xylene	*101*		*10 - 150*	*10/05/25 15:56*	*10/06/25 22:26*	*1*
Tetrachloro-m-xylene	*112*		*10 - 150*	*10/05/25 15:56*	*10/06/25 22:26*	*1*

Method: EPA 1633A - Per- and Polyfluoroalkyl Substances by LC/MS/MS, 1633A

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Perfluorobutanoic acid (PFBA)	0.40	U	0.40	0.10	ug/Kg	☼	10/08/25 06:11	10/09/25 12:32	1
Perfluoropentanoic acid (PFPeA)	0.20	U	0.20	0.10	ug/Kg	☼	10/08/25 06:11	10/09/25 12:32	1
Perfluorohexanoic acid (PFHxA)	0.20	U	0.20	0.10	ug/Kg	☼	10/08/25 06:11	10/09/25 12:32	1
Perfluoroheptanoic acid (PFHpA)	0.20	U	0.20	0.10	ug/Kg	☼	10/08/25 06:11	10/09/25 12:32	1
Perfluorooctanoic acid (PFOA)	0.20	U	0.20	0.060	ug/Kg	☼	10/08/25 06:11	10/09/25 12:32	1
Perfluorononanoic acid (PFNA)	0.20	U	0.20	0.10	ug/Kg	☼	10/08/25 06:11	10/09/25 12:32	1
Perfluorodecanoic acid (PFDA)	0.20	U	0.20	0.060	ug/Kg	☼	10/08/25 06:11	10/09/25 12:32	1
Perfluoroundecanoic acid (PFUnA)	**0.33**		0.20	0.10	ug/Kg	☼	10/08/25 06:11	10/09/25 12:32	1
Perfluorododecanoic acid (PFDoA)	0.20	U	0.20	0.10	ug/Kg	☼	10/08/25 06:11	10/09/25 12:32	1
Perfluorotridecanoic acid (PFTrDA)	**0.64**		0.20	0.10	ug/Kg	☼	10/08/25 06:11	10/09/25 12:32	1
Perfluorotetradecanoic acid (PFTeDA)	0.20	U	0.20	0.10	ug/Kg	☼	10/08/25 06:11	10/09/25 12:32	1
Perfluorobutanesulfonic acid (PFBS)	0.20	U	0.20	0.10	ug/Kg	☼	10/08/25 06:11	10/09/25 12:32	1
Perfluoropentanesulfonic acid (PFPeS)	0.20	U	0.20	0.10	ug/Kg	☼	10/08/25 06:11	10/09/25 12:32	1
Perfluorohexanesulfonic acid (PFHxS)	0.20	U	0.20	0.10	ug/Kg	☼	10/08/25 06:11	10/09/25 12:32	1
Perfluoroheptanesulfonic acid (PFHpS)	0.20	U	0.20	0.10	ug/Kg	☼	10/08/25 06:11	10/09/25 12:32	1
Perfluorooctanesulfonic acid (PFOS)	0.20	U	0.20	0.10	ug/Kg	☼	10/08/25 06:11	10/09/25 12:32	1
Perfluorononanesulfonic acid (PFNS)	0.20	U	0.20	0.10	ug/Kg	☼	10/08/25 06:11	10/09/25 12:32	1

Client Sample ID: 4C_0-7
Date Collected: 10/02/25 08:50
Date Received: 10/02/25 16:00

Lab Sample ID: 460-336309-11
Matrix: Solid
Percent Solids: 91.2

Method: EPA 1633A - Per- and Polyfluoroalkyl Substances by LC/MS/MS, 1633A (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Perfluorodecanesulfonic acid (PFDS)	0.20	U	0.20	0.10	ug/Kg	☼	10/08/25 06:11	10/09/25 12:32	1
Perfluorododecanesulfonic acid (PFDoS)	0.20	U	0.20	0.10	ug/Kg	☼	10/08/25 06:11	10/09/25 12:32	1
1H,1H,2H,2H-Perfluorohexane sulfonic acid (4:2 FTS)	0.40	U	0.40	0.20	ug/Kg	☼	10/08/25 06:11	10/09/25 12:32	1
1H,1H,2H,2H-Perfluorooctane sulfonic acid (6:2 FTS)	0.40	U	0.40	0.20	ug/Kg	☼	10/08/25 06:11	10/09/25 12:32	1
1H,1H,2H,2H-Perfluorodecane sulfonic acid (8:2 FTS)	0.40	U	0.40	0.20	ug/Kg	☼	10/08/25 06:11	10/09/25 12:32	1
Perfluorooctanesulfonamide (PFOSA)	0.20	U	0.20	0.10	ug/Kg	☼	10/08/25 06:11	10/09/25 12:32	1
N-methylperfluorooctane sulfonamide (NMeFOSA)	0.20	U	0.20	0.10	ug/Kg	☼	10/08/25 06:11	10/09/25 12:32	1
N-ethylperfluorooctane sulfonamide (NEtFOSA)	0.20	U	0.20	0.10	ug/Kg	☼	10/08/25 06:11	10/09/25 12:32	1
N-methylperfluorooctanesulfonamidoacetic acid (NMeFOSAA)	0.20	U	0.20	0.10	ug/Kg	☼	10/08/25 06:11	10/09/25 12:32	1
N-ethylperfluorooctanesulfonamidoacetic acid (NEtFOSAA)	0.20	U	0.20	0.10	ug/Kg	☼	10/08/25 06:11	10/09/25 12:32	1
N-methylperfluorooctane sulfonamidoethanol (NMeFOSE)	1.0	U	1.0	0.50	ug/Kg	☼	10/08/25 06:11	10/09/25 12:32	1
N-ethylperfluorooctane sulfonamidoethanol (NEtFOSE)	1.0	U	1.0	0.50	ug/Kg	☼	10/08/25 06:11	10/09/25 12:32	1
Hexafluoropropylene Oxide Dimer Acid (HFPO-DA)	0.20	U	0.20	0.10	ug/Kg	☼	10/08/25 06:11	10/09/25 12:32	1
4,8-Dioxa-3H-perfluorononanoic acid (ADONA)	0.20	U	0.20	0.10	ug/Kg	☼	10/08/25 06:11	10/09/25 12:32	1
Perfluoro-3-methoxypropanoic acid (PFMPA)	0.20	U	0.20	0.10	ug/Kg	☼	10/08/25 06:11	10/09/25 12:32	1
Perfluoro-4-methoxybutanoic acid (PFMBA)	0.20	U	0.20	0.10	ug/Kg	☼	10/08/25 06:11	10/09/25 12:32	1
Nonafluoro-3,6-dioxaheptanoic acid (NFDHA)	0.20	U	0.20	0.10	ug/Kg	☼	10/08/25 06:11	10/09/25 12:32	1
9-Chlorohexadecafluoro-3-oxanonane-1-sulfonic acid (9Cl-PF3ONS)	0.20	U	0.20	0.10	ug/Kg	☼	10/08/25 06:11	10/09/25 12:32	1
11-Chloroeicosafluoro-3-oxaundecane-1-sulfonic acid (11Cl-PF3OUdS)	0.20	U	0.20	0.10	ug/Kg	☼	10/08/25 06:11	10/09/25 12:32	1
Perfluoro (2-ethoxyethane) sulfonic acid (PFEESA)	0.20	U	0.20	0.10	ug/Kg	☼	10/08/25 06:11	10/09/25 12:32	1
3-Perfluoropropylpropanoic acid (3:3 FTCA)	0.40	U	0.40	0.20	ug/Kg	☼	10/08/25 06:11	10/09/25 12:32	1
3-Perfluoropentylpropanoic acid (5:3 FTCA)	1.0	U	1.0	0.50	ug/Kg	☼	10/08/25 06:11	10/09/25 12:32	1
3-Perfluoroheptylpropanoic acid (7:3 FTCA)	1.0	U	1.0	0.50	ug/Kg	☼	10/08/25 06:11	10/09/25 12:32	1

Isotope Dilution	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
13C4 PFBA	*102*		*8 - 130*	*10/08/25 06:11*	*10/09/25 12:32*	*1*
13C5 PFPeA	*103*		*35 - 130*	*10/08/25 06:11*	*10/09/25 12:32*	*1*
13C5 PFHxA	*102*		*40 - 130*	*10/08/25 06:11*	*10/09/25 12:32*	*1*
13C4 PFHpA	*98.9*		*40 - 130*	*10/08/25 06:11*	*10/09/25 12:32*	*1*
13C8 PFOA	*95.2*		*40 - 130*	*10/08/25 06:11*	*10/09/25 12:32*	*1*
13C9 PFNA	*93.0*		*40 - 130*	*10/08/25 06:11*	*10/09/25 12:32*	*1*
13C6 PFDA	*87.8*		*40 - 130*	*10/08/25 06:11*	*10/09/25 12:32*	*1*
13C7 PFUnA	*80.8*		*40 - 130*	*10/08/25 06:11*	*10/09/25 12:32*	*1*
13C2 PFTeDA	*62.3*		*20 - 130*	*10/08/25 06:11*	*10/09/25 12:32*	*1*

Client Sample ID: 4C_0-7
Date Collected: 10/02/25 08:50
Date Received: 10/02/25 16:00

Lab Sample ID: 460-336309-11
Matrix: Solid
Percent Solids: 91.2

Method: EPA 1633A - Per- and Polyfluoroalkyl Substances by LC/MS/MS, 1633A (Continued)

Isotope Dilution	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
13C3 PFBS	98.8		40 - 135	10/08/25 06:11	10/09/25 12:32	1
13C3 PFHxS	86.8		40 - 130	10/08/25 06:11	10/09/25 12:32	1
13C8 PFOS	89.2		40 - 130	10/08/25 06:11	10/09/25 12:32	1
13C8 FOSA	91.3		40 - 130	10/08/25 06:11	10/09/25 12:32	1
d3-NMeFOSAA	77.2		40 - 135	10/08/25 06:11	10/09/25 12:32	1
d5-NEtFOSAA	70.5		40 - 150	10/08/25 06:11	10/09/25 12:32	1
13C2 4:2 FTS	94.1		40 - 165	10/08/25 06:11	10/09/25 12:32	1
13C2 6:2 FTS	88.9		40 - 215	10/08/25 06:11	10/09/25 12:32	1
13C2 8:2 FTS	112		40 - 275	10/08/25 06:11	10/09/25 12:32	1
13C3 HFPO-DA	97.8		40 - 130	10/08/25 06:11	10/09/25 12:32	1
d7-N-MeFOSE-M	51.5		20 - 130	10/08/25 06:11	10/09/25 12:32	1
d9-N-EtFOSE-M	45.5		15 - 130	10/08/25 06:11	10/09/25 12:32	1
d5-NEtPFOSA	70.4		10 - 130	10/08/25 06:11	10/09/25 12:32	1
d3-NMePFOSA	77.5		10 - 130	10/08/25 06:11	10/09/25 12:32	1
13C2 PFDoA	83.7		40 - 130	10/08/25 06:11	10/09/25 12:32	1

Method: SW846 6020B - Metals (ICP/MS)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Aluminum	8180		19.6	5.4	mg/Kg	☼	10/08/25 06:57	10/08/25 15:59	1
Antimony	0.34	J	0.98	0.14	mg/Kg	☼	10/08/25 06:57	10/08/25 15:59	1
Arsenic	4.3		0.98	0.10	mg/Kg	☼	10/08/25 06:57	10/08/25 15:59	1
Barium	46.0		2.0	0.14	mg/Kg	☼	10/08/25 06:57	10/08/25 15:59	1
Beryllium	0.47		0.39	0.022	mg/Kg	☼	10/08/25 06:57	10/08/25 15:59	1
Cadmium	0.14	J	0.98	0.11	mg/Kg	☼	10/08/25 06:57	10/08/25 15:59	1
Calcium	3960		97.9	9.5	mg/Kg	☼	10/08/25 06:57	10/08/25 15:59	1
Chromium	14.5		2.0	0.29	mg/Kg	☼	10/08/25 06:57	10/08/25 15:59	1
Cobalt	6.9		0.98	0.14	mg/Kg	☼	10/08/25 06:57	10/08/25 15:59	1
Copper	24.3		2.0	0.36	mg/Kg	☼	10/08/25 06:57	10/08/25 15:59	1
Iron	15600		58.7	7.5	mg/Kg	☼	10/08/25 06:57	10/08/25 15:59	1
Lead	32.4		0.59	0.20	mg/Kg	☼	10/08/25 06:57	10/08/25 15:59	1
Magnesium	4510		97.9	10	mg/Kg	☼	10/08/25 06:57	10/08/25 15:59	1
Manganese	314		3.9	0.39	mg/Kg	☼	10/08/25 06:57	10/08/25 15:59	1
Nickel	13.3		2.0	0.17	mg/Kg	☼	10/08/25 06:57	10/08/25 15:59	1
Potassium	974		97.9	15.9	mg/Kg	☼	10/08/25 06:57	10/08/25 15:59	1
Selenium	0.16	J	1.2	0.13	mg/Kg	☼	10/08/25 06:57	10/08/25 15:59	1
Silver	0.12	J	0.39	0.087	mg/Kg	☼	10/08/25 06:57	10/08/25 15:59	1
Sodium	75.5	J	97.9	44.7	mg/Kg	☼	10/08/25 06:57	10/08/25 15:59	1
Thallium	0.088	J	0.39	0.040	mg/Kg	☼	10/08/25 06:57	10/08/25 15:59	1
Vanadium	22.5		2.0	0.20	mg/Kg	☼	10/08/25 06:57	10/08/25 15:59	1
Zinc	45.2		7.8	1.1	mg/Kg	☼	10/08/25 06:57	10/08/25 15:59	1

Method: SW846 7471B - Mercury (CVAA)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	0.023		0.017	0.0082	mg/Kg	☼	10/09/25 02:17	10/09/25 09:14	1

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Percent Moisture (EPA Moisture)	8.8		1.0	1.0	%			10/07/25 16:17	1
Percent Solids (EPA Moisture)	91.2		1.0	1.0	%			10/07/25 16:17	1

Client Sample ID: 4C_7-14
Date Collected: 10/02/25 08:55
Date Received: 10/02/25 16:00

Lab Sample ID: 460-336309-12
Matrix: Solid
Percent Solids: 92.5

Method: SW846 8270E - Semivolatile Organic Compounds (GC/MS)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1'-Biphenyl	0.36	U	0.36	0.012	mg/Kg	☼	10/05/25 13:19	10/06/25 15:03	1
1,2,4,5-Tetrachlorobenzene	0.36	U	0.36	0.011	mg/Kg	☼	10/05/25 13:19	10/06/25 15:03	1
1,4-Dioxane	0.036	U	0.036	0.031	mg/Kg	☼	10/05/25 13:19	10/06/25 15:03	1
2,2'-oxybis[1-chloropropane]	0.36	U	0.36	0.021	mg/Kg	☼	10/05/25 13:19	10/06/25 15:03	1
2,3,4,6-Tetrachlorophenol	0.36	U	0.36	0.024	mg/Kg	☼	10/05/25 13:19	10/06/25 15:03	1
2,4,5-Trichlorophenol	0.36	U	0.36	0.036	mg/Kg	☼	10/05/25 13:19	10/06/25 15:03	1
2,4,6-Trichlorophenol	0.14	U	0.14	0.046	mg/Kg	☼	10/05/25 13:19	10/06/25 15:03	1
2,4-Dichlorophenol	0.14	U	0.14	0.023	mg/Kg	☼	10/05/25 13:19	10/06/25 15:03	1
2,4-Dimethylphenol	0.36	U	0.36	0.043	mg/Kg	☼	10/05/25 13:19	10/06/25 15:03	1
2,4-Dinitrophenol	0.29	U	0.29	0.18	mg/Kg	☼	10/05/25 13:19	10/06/25 15:03	1
2,4-Dinitrotoluene	0.072	U	0.072	0.038	mg/Kg	☼	10/05/25 13:19	10/06/25 15:03	1
2,6-Dinitrotoluene	0.072	U	0.072	0.026	mg/Kg	☼	10/05/25 13:19	10/06/25 15:03	1
2-Chloronaphthalene	0.36	U	0.36	0.046	mg/Kg	☼	10/05/25 13:19	10/06/25 15:03	1
2-Chlorophenol	0.36	U	0.36	0.013	mg/Kg	☼	10/05/25 13:19	10/06/25 15:03	1
2-Methylnaphthalene	0.36	U	0.36	0.010	mg/Kg	☼	10/05/25 13:19	10/06/25 15:03	1
2-Methylphenol	0.36	U	0.36	0.013	mg/Kg	☼	10/05/25 13:19	10/06/25 15:03	1
2-Nitroaniline	0.36	U	0.36	0.027	mg/Kg	☼	10/05/25 13:19	10/06/25 15:03	1
2-Nitrophenol	0.36	U	0.36	0.036	mg/Kg	☼	10/05/25 13:19	10/06/25 15:03	1
3 & 4 Methylphenol	0.36	U	0.36	0.022	mg/Kg	☼	10/05/25 13:19	10/06/25 15:03	1
3,3'-Dichlorobenzidine	0.14	U	0.14	0.054	mg/Kg	☼	10/05/25 13:19	10/06/25 15:03	1
3-Nitroaniline	0.36	U	0.36	0.085	mg/Kg	☼	10/05/25 13:19	10/06/25 15:03	1
4,6-Dinitro-2-methylphenol	0.29	U	0.29	0.15	mg/Kg	☼	10/05/25 13:19	10/06/25 15:03	1
4-Bromophenyl phenyl ether	0.36	U	0.36	0.014	mg/Kg	☼	10/05/25 13:19	10/06/25 15:03	1
4-Chloro-3-methylphenol	0.36	U	0.36	0.020	mg/Kg	☼	10/05/25 13:19	10/06/25 15:03	1
4-Chloroaniline	0.36	U	0.36	0.063	mg/Kg	☼	10/05/25 13:19	10/06/25 15:03	1
4-Chlorophenyl phenyl ether	0.36	U	0.36	0.013	mg/Kg	☼	10/05/25 13:19	10/06/25 15:03	1
4-Methylphenol	0.36	U	0.36	0.022	mg/Kg	☼	10/05/25 13:19	10/06/25 15:03	1
4-Nitroaniline	0.36	U	0.36	0.091	mg/Kg	☼	10/05/25 13:19	10/06/25 15:03	1
4-Nitrophenol	0.72	U	0.72	0.058	mg/Kg	☼	10/05/25 13:19	10/06/25 15:03	1
Acenaphthene	0.36	U	0.36	0.010	mg/Kg	☼	10/05/25 13:19	10/06/25 15:03	1
Acenaphthylene	0.36	U	0.36	0.010	mg/Kg	☼	10/05/25 13:19	10/06/25 15:03	1
Acetophenone	0.36	U	0.36	0.018	mg/Kg	☼	10/05/25 13:19	10/06/25 15:03	1
Anthracene	0.36	U	0.36	0.011	mg/Kg	☼	10/05/25 13:19	10/06/25 15:03	1
Atrazine	0.14	U *	0.14	0.021	mg/Kg	☼	10/05/25 13:19	10/06/25 15:03	1
Benzaldehyde	0.36	U *	0.36	0.059	mg/Kg	☼	10/05/25 13:19	10/06/25 15:03	1
Benzo[a]anthracene	0.036	U	0.036	0.027	mg/Kg	☼	10/05/25 13:19	10/06/25 15:03	1
Benzo[a]pyrene	0.036	U	0.036	0.0095	mg/Kg	☼	10/05/25 13:19	10/06/25 15:03	1
Benzo[b]fluoranthene	0.036	U	0.036	0.0092	mg/Kg	☼	10/05/25 13:19	10/06/25 15:03	1
Benzo[g,h,i]perylene	0.36	U	0.36	0.011	mg/Kg	☼	10/05/25 13:19	10/06/25 15:03	1
Benzo[k]fluoranthene	0.036	U	0.036	0.0070	mg/Kg	☼	10/05/25 13:19	10/06/25 15:03	1
Bis(2-chloroethoxy)methane	0.36	U	0.36	0.066	mg/Kg	☼	10/05/25 13:19	10/06/25 15:03	1
Bis(2-chloroethyl)ether	0.036	U	0.036	0.012	mg/Kg	☼	10/05/25 13:19	10/06/25 15:03	1
Bis(2-ethylhexyl) phthalate	0.36	U	0.36	0.019	mg/Kg	☼	10/05/25 13:19	10/06/25 15:03	1
Butyl benzyl phthalate	0.36	U	0.36	0.017	mg/Kg	☼	10/05/25 13:19	10/06/25 15:03	1
Caprolactam	0.36	U *	0.36	0.056	mg/Kg	☼	10/05/25 13:19	10/06/25 15:03	1
Carbazole	0.36	U	0.36	0.014	mg/Kg	☼	10/05/25 13:19	10/06/25 15:03	1
Chrysene	0.36	U	0.36	0.015	mg/Kg	☼	10/05/25 13:19	10/06/25 15:03	1
Dibenz(a,h)anthracene	0.036	U	0.036	0.015	mg/Kg	☼	10/05/25 13:19	10/06/25 15:03	1
Dibenzofuran	0.36	U	0.36	0.012	mg/Kg	☼	10/05/25 13:19	10/06/25 15:03	1

Client Sample ID: 4C_7-14
Date Collected: 10/02/25 08:55
Date Received: 10/02/25 16:00

Lab Sample ID: 460-336309-12
Matrix: Solid
Percent Solids: 92.5

Method: SW846 8270E - Semivolatile Organic Compounds (GC/MS) (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Diethyl phthalate	0.36	U	0.36	0.011	mg/Kg	☼	10/05/25 13:19	10/06/25 15:03	1
Dimethyl phthalate	0.36	U	0.36	0.081	mg/Kg	☼	10/05/25 13:19	10/06/25 15:03	1
Di-n-butyl phthalate	0.36	U	0.36	0.013	mg/Kg	☼	10/05/25 13:19	10/06/25 15:03	1
Di-n-octyl phthalate	0.36	U	0.36	0.019	mg/Kg	☼	10/05/25 13:19	10/06/25 15:03	1
Fluoranthene	0.36	U	0.36	0.012	mg/Kg	☼	10/05/25 13:19	10/06/25 15:03	1
Fluorene	0.36	U	0.36	0.010	mg/Kg	☼	10/05/25 13:19	10/06/25 15:03	1
Hexachlorobenzene	0.036	U	0.036	0.017	mg/Kg	☼	10/05/25 13:19	10/06/25 15:03	1
Hexachlorobutadiene	0.072	U	0.072	0.0076	mg/Kg	☼	10/05/25 13:19	10/06/25 15:03	1
Hexachlorocyclopentadiene	0.36	U	0.36	0.031	mg/Kg	☼	10/05/25 13:19	10/06/25 15:03	1
Hexachloroethane	0.036	U	0.036	0.012	mg/Kg	☼	10/05/25 13:19	10/06/25 15:03	1
Indeno[1,2,3-cd]pyrene	0.036	U	0.036	0.014	mg/Kg	☼	10/05/25 13:19	10/06/25 15:03	1
Isophorone	0.14	U	0.14	0.10	mg/Kg	☼	10/05/25 13:19	10/06/25 15:03	1
Naphthalene	0.36	U	0.36	0.0062	mg/Kg	☼	10/05/25 13:19	10/06/25 15:03	1
Nitrobenzene	0.036	U	0.036	0.020	mg/Kg	☼	10/05/25 13:19	10/06/25 15:03	1
N-Nitrosodi-n-propylamine	0.036	U	0.036	0.026	mg/Kg	☼	10/05/25 13:19	10/06/25 15:03	1
N-Nitrosodiphenylamine	0.36	U	0.36	0.029	mg/Kg	☼	10/05/25 13:19	10/06/25 15:03	1
Pentachlorophenol	0.29	U	0.29	0.073	mg/Kg	☼	10/05/25 13:19	10/06/25 15:03	1
Phenanthrene	**0.017**	**J**	0.36	0.015	mg/Kg	☼	10/05/25 13:19	10/06/25 15:03	1
Phenol	0.36	U	0.36	0.013	mg/Kg	☼	10/05/25 13:19	10/06/25 15:03	1
Pyrene	0.36	U	0.36	0.0089	mg/Kg	☼	10/05/25 13:19	10/06/25 15:03	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
2,4,6-Tribromophenol (Surr)	*89*		*18 - 137*	*10/05/25 13:19*	*10/06/25 15:03*	*1*
2-Fluorobiphenyl	*89*		*33 - 117*	*10/05/25 13:19*	*10/06/25 15:03*	*1*
2-Fluorophenol (Surr)	*94*		*24 - 120*	*10/05/25 13:19*	*10/06/25 15:03*	*1*
Nitrobenzene-d5 (Surr)	*91*		*27 - 120*	*10/05/25 13:19*	*10/06/25 15:03*	*1*
Phenol-d5 (Surr)	*94*		*28 - 118*	*10/05/25 13:19*	*10/06/25 15:03*	*1*
Terphenyl-d14 (Surr)	*101*		*33 - 124*	*10/05/25 13:19*	*10/06/25 15:03*	*1*

Method: SW846 8081B - Organochlorine Pesticides (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
4,4'-DDD	0.0072	U	0.0072	0.0012	mg/Kg	☼	10/05/25 16:16	10/06/25 12:16	1
4,4'-DDE	0.0072	U	0.0072	0.00085	mg/Kg	☼	10/05/25 16:16	10/06/25 12:16	1
4,4'-DDT	0.0072	U	0.0072	0.0013	mg/Kg	☼	10/05/25 16:16	10/06/25 12:16	1
Aldrin	0.0072	U	0.0072	0.0011	mg/Kg	☼	10/05/25 16:16	10/06/25 12:16	1
alpha-BHC	0.0022	U	0.0022	0.00073	mg/Kg	☼	10/05/25 16:16	10/06/25 12:16	1
beta-BHC	0.0022	U	0.0022	0.00081	mg/Kg	☼	10/05/25 16:16	10/06/25 12:16	1
Chlordane (technical)	0.072	U	0.072	0.018	mg/Kg	☼	10/05/25 16:16	10/06/25 12:16	1
cis-Chlordane	0.0072	U	0.0072	0.0011	mg/Kg	☼	10/05/25 16:16	10/06/25 12:16	1
delta-BHC	0.0022	U	0.0022	0.00044	mg/Kg	☼	10/05/25 16:16	10/06/25 12:16	1
Dieldrin	0.0022	U	0.0022	0.00094	mg/Kg	☼	10/05/25 16:16	10/06/25 12:16	1
Endosulfan I	0.0072	U	0.0072	0.0011	mg/Kg	☼	10/05/25 16:16	10/06/25 12:16	1
Endosulfan II	0.0072	U	0.0072	0.0019	mg/Kg	☼	10/05/25 16:16	10/06/25 12:16	1
Endosulfan sulfate	0.0072	U	0.0072	0.00091	mg/Kg	☼	10/05/25 16:16	10/06/25 12:16	1
Endrin	0.0072	U	0.0072	0.0010	mg/Kg	☼	10/05/25 16:16	10/06/25 12:16	1
Endrin aldehyde	0.0072	U	0.0072	0.0017	mg/Kg	☼	10/05/25 16:16	10/06/25 12:16	1
Endrin ketone	0.0072	U	0.0072	0.0014	mg/Kg	☼	10/05/25 16:16	10/06/25 12:16	1
gamma-BHC (Lindane)	0.0022	U	0.0022	0.00067	mg/Kg	☼	10/05/25 16:16	10/06/25 12:16	1
Heptachlor	0.0072	U	0.0072	0.00085	mg/Kg	☼	10/05/25 16:16	10/06/25 12:16	1
Heptachlor epoxide	0.0072	U	0.0072	0.0011	mg/Kg	☼	10/05/25 16:16	10/06/25 12:16	1

Client Sample ID: 4C_7-14
Date Collected: 10/02/25 08:55
Date Received: 10/02/25 16:00

Lab Sample ID: 460-336309-12
Matrix: Solid
Percent Solids: 92.5

Method: SW846 8081B - Organochlorine Pesticides (GC) (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Methoxychlor	0.0072	U	0.0072	0.0017	mg/Kg	☼	10/05/25 16:16	10/06/25 12:16	1
Toxaphene	0.072	U	0.072	0.026	mg/Kg	☼	10/05/25 16:16	10/06/25 12:16	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
DCB Decachlorobiphenyl	*102*		*10 - 150*	*10/05/25 16:16*	*10/06/25 12:16*	*1*
DCB Decachlorobiphenyl	*136*		*10 - 150*	*10/05/25 16:16*	*10/06/25 12:16*	*1*
Tetrachloro-m-xylene	*91*		*14 - 150*	*10/05/25 16:16*	*10/06/25 12:16*	*1*
Tetrachloro-m-xylene	*106*		*14 - 150*	*10/05/25 16:16*	*10/06/25 12:16*	*1*

Method: SW846 8082A - Polychlorinated Biphenyls (PCBs) by Gas Chromatography

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Aroclor 1016	0.072	U	0.072	0.019	mg/Kg	☼	10/05/25 15:56	10/06/25 22:42	1
Aroclor 1221	0.072	U	0.072	0.019	mg/Kg	☼	10/05/25 15:56	10/06/25 22:42	1
Aroclor 1232	0.072	U	0.072	0.019	mg/Kg	☼	10/05/25 15:56	10/06/25 22:42	1
Aroclor 1242	0.072	U	0.072	0.019	mg/Kg	☼	10/05/25 15:56	10/06/25 22:42	1
Aroclor 1248	0.072	U	0.072	0.019	mg/Kg	☼	10/05/25 15:56	10/06/25 22:42	1
Aroclor 1254	0.072	U	0.072	0.019	mg/Kg	☼	10/05/25 15:56	10/06/25 22:42	1
Aroclor 1260	0.072	U	0.072	0.019	mg/Kg	☼	10/05/25 15:56	10/06/25 22:42	1
Aroclor-1262	0.072	U	0.072	0.019	mg/Kg	☼	10/05/25 15:56	10/06/25 22:42	1
Aroclor 1268	0.072	U	0.072	0.019	mg/Kg	☼	10/05/25 15:56	10/06/25 22:42	1
Polychlorinated biphenyls, Total	0.072	U	0.072	0.019	mg/Kg	☼	10/05/25 15:56	10/06/25 22:42	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
DCB Decachlorobiphenyl	*109*		*10 - 150*	*10/05/25 15:56*	*10/06/25 22:42*	*1*
DCB Decachlorobiphenyl	*109*		*10 - 150*	*10/05/25 15:56*	*10/06/25 22:42*	*1*
Tetrachloro-m-xylene	*93*		*10 - 150*	*10/05/25 15:56*	*10/06/25 22:42*	*1*
Tetrachloro-m-xylene	*103*		*10 - 150*	*10/05/25 15:56*	*10/06/25 22:42*	*1*

Method: EPA 1633A - Per- and Polyfluoroalkyl Substances by LC/MS/MS, 1633A

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Perfluorobutanoic acid (PFBA)	0.40	U	0.40	0.099	ug/Kg	☼	10/08/25 06:11	10/09/25 12:45	1
Perfluoropentanoic acid (PFPeA)	0.20	U	0.20	0.099	ug/Kg	☼	10/08/25 06:11	10/09/25 12:45	1
Perfluorohexanoic acid (PFHxA)	0.20	U	0.20	0.099	ug/Kg	☼	10/08/25 06:11	10/09/25 12:45	1
Perfluoroheptanoic acid (PFHpA)	0.20	U	0.20	0.099	ug/Kg	☼	10/08/25 06:11	10/09/25 12:45	1
Perfluorooctanoic acid (PFOA)	0.20	U	0.20	0.059	ug/Kg	☼	10/08/25 06:11	10/09/25 12:45	1
Perfluorononanoic acid (PFNA)	0.20	U	0.20	0.099	ug/Kg	☼	10/08/25 06:11	10/09/25 12:45	1
Perfluorodecanoic acid (PFDA)	0.20	U	0.20	0.059	ug/Kg	☼	10/08/25 06:11	10/09/25 12:45	1
Perfluoroundecanoic acid (PFUnA)	**0.30**		0.20	0.099	ug/Kg	☼	10/08/25 06:11	10/09/25 12:45	1
Perfluorododecanoic acid (PFDoA)	0.20	U	0.20	0.099	ug/Kg	☼	10/08/25 06:11	10/09/25 12:45	1
Perfluorotridecanoic acid (PFTrDA)	**0.16**	**J**	0.20	0.099	ug/Kg	☼	10/08/25 06:11	10/09/25 12:45	1
Perfluorotetradecanoic acid (PFTeDA)	0.20	U	0.20	0.099	ug/Kg	☼	10/08/25 06:11	10/09/25 12:45	1
Perfluorobutanesulfonic acid (PFBS)	0.20	U	0.20	0.099	ug/Kg	☼	10/08/25 06:11	10/09/25 12:45	1
Perfluoropentanesulfonic acid (PFPeS)	0.20	U	0.20	0.099	ug/Kg	☼	10/08/25 06:11	10/09/25 12:45	1
Perfluorohexanesulfonic acid (PFHxS)	0.20	U	0.20	0.099	ug/Kg	☼	10/08/25 06:11	10/09/25 12:45	1
Perfluoroheptanesulfonic acid (PFHpS)	0.20	U	0.20	0.099	ug/Kg	☼	10/08/25 06:11	10/09/25 12:45	1
Perfluorooctanesulfonic acid (PFOS)	0.20	U	0.20	0.099	ug/Kg	☼	10/08/25 06:11	10/09/25 12:45	1
Perfluorononanesulfonic acid (PFNS)	0.20	U	0.20	0.099	ug/Kg	☼	10/08/25 06:11	10/09/25 12:45	1

Client Sample ID: 4C_7-14
Date Collected: 10/02/25 08:55
Date Received: 10/02/25 16:00

Lab Sample ID: 460-336309-12
Matrix: Solid
Percent Solids: 92.5

Method: EPA 1633A - Per- and Polyfluoroalkyl Substances by LC/MS/MS, 1633A (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Perfluorodecanesulfonic acid (PFDS)	0.20	U	0.20	0.099	ug/Kg	☼	10/08/25 06:11	10/09/25 12:45	1
Perfluorododecanesulfonic acid (PFDoS)	0.20	U	0.20	0.099	ug/Kg	☼	10/08/25 06:11	10/09/25 12:45	1
1H,1H,2H,2H-Perfluorohexane sulfonic acid (4:2 FTS)	0.40	U	0.40	0.20	ug/Kg	☼	10/08/25 06:11	10/09/25 12:45	1
1H,1H,2H,2H-Perfluorooctane sulfonic acid (6:2 FTS)	0.40	U	0.40	0.20	ug/Kg	☼	10/08/25 06:11	10/09/25 12:45	1
1H,1H,2H,2H-Perfluorodecane sulfonic acid (8:2 FTS)	0.40	U	0.40	0.20	ug/Kg	☼	10/08/25 06:11	10/09/25 12:45	1
Perfluorooctanesulfonamide (PFOSA)	0.20	U	0.20	0.099	ug/Kg	☼	10/08/25 06:11	10/09/25 12:45	1
N-methylperfluorooctane sulfonamide (NMeFOSA)	0.20	U	0.20	0.099	ug/Kg	☼	10/08/25 06:11	10/09/25 12:45	1
N-ethylperfluorooctane sulfonamide (NEtFOSA)	0.20	U	0.20	0.099	ug/Kg	☼	10/08/25 06:11	10/09/25 12:45	1
N-methylperfluorooctanesulfonamidoacetic acid (NMeFOSAA)	0.20	U	0.20	0.099	ug/Kg	☼	10/08/25 06:11	10/09/25 12:45	1
N-ethylperfluorooctanesulfonamidoacetic acid (NEtFOSAA)	0.20	U	0.20	0.099	ug/Kg	☼	10/08/25 06:11	10/09/25 12:45	1
N-methylperfluorooctane sulfonamidoethanol (NMeFOSE)	0.99	U	0.99	0.50	ug/Kg	☼	10/08/25 06:11	10/09/25 12:45	1
N-ethylperfluorooctane sulfonamidoethanol (NEtFOSE)	0.99	U	0.99	0.50	ug/Kg	☼	10/08/25 06:11	10/09/25 12:45	1
Hexafluoropropylene Oxide Dimer Acid (HFPO-DA)	0.20	U	0.20	0.099	ug/Kg	☼	10/08/25 06:11	10/09/25 12:45	1
4,8-Dioxa-3H-perfluorononanoic acid (ADONA)	0.20	U	0.20	0.099	ug/Kg	☼	10/08/25 06:11	10/09/25 12:45	1
Perfluoro-3-methoxypropanoic acid (PFMPA)	0.20	U	0.20	0.099	ug/Kg	☼	10/08/25 06:11	10/09/25 12:45	1
Perfluoro-4-methoxybutanoic acid (PFMBA)	0.20	U	0.20	0.099	ug/Kg	☼	10/08/25 06:11	10/09/25 12:45	1
Nonafluoro-3,6-dioxaheptanoic acid (NFDHA)	0.20	U	0.20	0.099	ug/Kg	☼	10/08/25 06:11	10/09/25 12:45	1
9-Chlorohexadecafluoro-3-oxanonane-1-sulfonic acid (9Cl-PF3ONS)	0.20	U	0.20	0.099	ug/Kg	☼	10/08/25 06:11	10/09/25 12:45	1
11-Chloroeicosafluoro-3-oxaundecane-1-sulfonic acid (11Cl-PF3OUdS)	0.20	U	0.20	0.099	ug/Kg	☼	10/08/25 06:11	10/09/25 12:45	1
Perfluoro (2-ethoxyethane) sulfonic acid (PFEESA)	0.20	U	0.20	0.099	ug/Kg	☼	10/08/25 06:11	10/09/25 12:45	1
3-Perfluoropropylpropanoic acid (3:3 FTCA)	0.40	U	0.40	0.20	ug/Kg	☼	10/08/25 06:11	10/09/25 12:45	1
3-Perfluoropentylpropanoic acid (5:3 FTCA)	0.99	U	0.99	0.50	ug/Kg	☼	10/08/25 06:11	10/09/25 12:45	1
3-Perfluoroheptylpropanoic acid (7:3 FTCA)	0.99	U	0.99	0.50	ug/Kg	☼	10/08/25 06:11	10/09/25 12:45	1

Isotope Dilution	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
13C4 PFBA	*103*		*8 - 130*	*10/08/25 06:11*	*10/09/25 12:45*	*1*
13C5 PFPeA	*108*		*35 - 130*	*10/08/25 06:11*	*10/09/25 12:45*	*1*
13C5 PFHxA	*111*		*40 - 130*	*10/08/25 06:11*	*10/09/25 12:45*	*1*
13C4 PFHpA	*105*		*40 - 130*	*10/08/25 06:11*	*10/09/25 12:45*	*1*
13C8 PFOA	*98.5*		*40 - 130*	*10/08/25 06:11*	*10/09/25 12:45*	*1*
13C9 PFNA	*97.4*		*40 - 130*	*10/08/25 06:11*	*10/09/25 12:45*	*1*
13C6 PFDA	*92.1*		*40 - 130*	*10/08/25 06:11*	*10/09/25 12:45*	*1*
13C7 PFUnA	*91.9*		*40 - 130*	*10/08/25 06:11*	*10/09/25 12:45*	*1*
13C2 PFTeDA	*73.4*		*20 - 130*	*10/08/25 06:11*	*10/09/25 12:45*	*1*

Client Sample ID: 4C_7-14
Date Collected: 10/02/25 08:55
Date Received: 10/02/25 16:00

Lab Sample ID: 460-336309-12
Matrix: Solid
Percent Solids: 92.5

Method: EPA 1633A - Per- and Polyfluoroalkyl Substances by LC/MS/MS, 1633A (Continued)

Isotope Dilution	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
13C3 PFBS	107		40 - 135	10/08/25 06:11	10/09/25 12:45	1
13C3 PFHxS	96.7		40 - 130	10/08/25 06:11	10/09/25 12:45	1
13C8 PFOS	98.2		40 - 130	10/08/25 06:11	10/09/25 12:45	1
13C8 FOSA	95.5		40 - 130	10/08/25 06:11	10/09/25 12:45	1
d3-NMeFOSAA	87.0		40 - 135	10/08/25 06:11	10/09/25 12:45	1
d5-NEtFOSAA	73.8		40 - 150	10/08/25 06:11	10/09/25 12:45	1
13C2 4:2 FTS	108		40 - 165	10/08/25 06:11	10/09/25 12:45	1
13C2 6:2 FTS	97.6		40 - 215	10/08/25 06:11	10/09/25 12:45	1
13C2 8:2 FTS	113		40 - 275	10/08/25 06:11	10/09/25 12:45	1
13C3 HFPO-DA	98.3		40 - 130	10/08/25 06:11	10/09/25 12:45	1
d7-N-MeFOSE-M	68.4		20 - 130	10/08/25 06:11	10/09/25 12:45	1
d9-N-EtFOSE-M	61.8		15 - 130	10/08/25 06:11	10/09/25 12:45	1
d5-NEtPFOSA	80.9		10 - 130	10/08/25 06:11	10/09/25 12:45	1
d3-NMePFOSA	88.7		10 - 130	10/08/25 06:11	10/09/25 12:45	1
13C2 PFDoA	88.0		40 - 130	10/08/25 06:11	10/09/25 12:45	1

Method: SW846 6020B - Metals (ICP/MS)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Aluminum	7100		20.4	5.6	mg/Kg	☼	10/08/25 06:57	10/08/25 16:08	1
Antimony	0.28	J	1.0	0.15	mg/Kg	☼	10/08/25 06:57	10/08/25 16:08	1
Arsenic	4.0		1.0	0.11	mg/Kg	☼	10/08/25 06:57	10/08/25 16:08	1
Barium	49.3		2.0	0.15	mg/Kg	☼	10/08/25 06:57	10/08/25 16:08	1
Beryllium	0.58		0.41	0.022	mg/Kg	☼	10/08/25 06:57	10/08/25 16:08	1
Cadmium	1.0	U	1.0	0.12	mg/Kg	☼	10/08/25 06:57	10/08/25 16:08	1
Calcium	4910		102	9.9	mg/Kg	☼	10/08/25 06:57	10/08/25 16:08	1
Chromium	14.8		2.0	0.30	mg/Kg	☼	10/08/25 06:57	10/08/25 16:08	1
Cobalt	6.7		1.0	0.15	mg/Kg	☼	10/08/25 06:57	10/08/25 16:08	1
Copper	18.3		2.0	0.38	mg/Kg	☼	10/08/25 06:57	10/08/25 16:08	1
Iron	14800		61.2	7.8	mg/Kg	☼	10/08/25 06:57	10/08/25 16:08	1
Lead	15.4		0.61	0.20	mg/Kg	☼	10/08/25 06:57	10/08/25 16:08	1
Magnesium	3210		102	10.4	mg/Kg	☼	10/08/25 06:57	10/08/25 16:08	1
Manganese	236		4.1	0.41	mg/Kg	☼	10/08/25 06:57	10/08/25 16:08	1
Nickel	13.8		2.0	0.18	mg/Kg	☼	10/08/25 06:57	10/08/25 16:08	1
Potassium	1210		102	16.5	mg/Kg	☼	10/08/25 06:57	10/08/25 16:08	1
Selenium	0.14	J	1.3	0.13	mg/Kg	☼	10/08/25 06:57	10/08/25 16:08	1
Silver	0.41	U	0.41	0.091	mg/Kg	☼	10/08/25 06:57	10/08/25 16:08	1
Sodium	93.8	J	102	46.6	mg/Kg	☼	10/08/25 06:57	10/08/25 16:08	1
Thallium	0.092	J	0.41	0.042	mg/Kg	☼	10/08/25 06:57	10/08/25 16:08	1
Vanadium	22.3		2.0	0.21	mg/Kg	☼	10/08/25 06:57	10/08/25 16:08	1
Zinc	41.3		8.2	1.1	mg/Kg	☼	10/08/25 06:57	10/08/25 16:08	1

Method: SW846 7471B - Mercury (CVAA)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	0.023		0.017	0.0080	mg/Kg	☼	10/09/25 02:17	10/09/25 09:17	1

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Percent Moisture (EPA Moisture)	7.5		1.0	1.0	%			10/07/25 16:17	1
Percent Solids (EPA Moisture)	92.5		1.0	1.0	%			10/07/25 16:17	1

Client: Haley & Aldrich, Inc.
Project/Site: Former Port Mobil

Job ID: 460-336309-1

Client Sample ID: 4D_0-7
Date Collected: 10/02/25 09:00
Date Received: 10/02/25 16:00

Lab Sample ID: 460-336309-13
Matrix: Solid
Percent Solids: 93.2

Method: SW846 8270E - Semivolatile Organic Compounds (GC/MS)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1'-Biphenyl	0.35	U	0.35	0.012	mg/Kg	☼	10/05/25 13:28	10/06/25 12:32	1
1,2,4,5-Tetrachlorobenzene	0.35	U	0.35	0.011	mg/Kg	☼	10/05/25 13:28	10/06/25 12:32	1
1,4-Dioxane	0.035	U	0.035	0.031	mg/Kg	☼	10/05/25 13:28	10/06/25 12:32	1
2,2'-oxybis[1-chloropropane]	0.35	U	0.35	0.021	mg/Kg	☼	10/05/25 13:28	10/06/25 12:32	1
2,3,4,6-Tetrachlorophenol	0.35	U	0.35	0.024	mg/Kg	☼	10/05/25 13:28	10/06/25 12:32	1
2,4,5-Trichlorophenol	0.35	U	0.35	0.036	mg/Kg	☼	10/05/25 13:28	10/06/25 12:32	1
2,4,6-Trichlorophenol	0.14	U	0.14	0.045	mg/Kg	☼	10/05/25 13:28	10/06/25 12:32	1
2,4-Dichlorophenol	0.14	U	0.14	0.023	mg/Kg	☼	10/05/25 13:28	10/06/25 12:32	1
2,4-Dimethylphenol	0.35	U	0.35	0.042	mg/Kg	☼	10/05/25 13:28	10/06/25 12:32	1
2,4-Dinitrophenol	0.28	U	0.28	0.17	mg/Kg	☼	10/05/25 13:28	10/06/25 12:32	1
2,4-Dinitrotoluene	0.072	U	0.072	0.038	mg/Kg	☼	10/05/25 13:28	10/06/25 12:32	1
2,6-Dinitrotoluene	0.072	U	0.072	0.026	mg/Kg	☼	10/05/25 13:28	10/06/25 12:32	1
2-Chloronaphthalene	0.35	U	0.35	0.045	mg/Kg	☼	10/05/25 13:28	10/06/25 12:32	1
2-Chlorophenol	0.35	U	0.35	0.013	mg/Kg	☼	10/05/25 13:28	10/06/25 12:32	1
2-Methylnaphthalene	0.35	U *	0.35	0.0099	mg/Kg	☼	10/05/25 13:28	10/06/25 12:32	1
2-Methylphenol	0.35	U	0.35	0.013	mg/Kg	☼	10/05/25 13:28	10/06/25 12:32	1
2-Nitroaniline	0.35	U	0.35	0.027	mg/Kg	☼	10/05/25 13:28	10/06/25 12:32	1
2-Nitrophenol	0.35	U	0.35	0.035	mg/Kg	☼	10/05/25 13:28	10/06/25 12:32	1
3 & 4 Methylphenol	0.35	U	0.35	0.022	mg/Kg	☼	10/05/25 13:28	10/06/25 12:32	1
3,3'-Dichlorobenzidine	0.14	U	0.14	0.053	mg/Kg	☼	10/05/25 13:28	10/06/25 12:32	1
3-Nitroaniline	0.35	U	0.35	0.084	mg/Kg	☼	10/05/25 13:28	10/06/25 12:32	1
4,6-Dinitro-2-methylphenol	0.28	U *	0.28	0.14	mg/Kg	☼	10/05/25 13:28	10/06/25 12:32	1
4-Bromophenyl phenyl ether	0.35	U	0.35	0.014	mg/Kg	☼	10/05/25 13:28	10/06/25 12:32	1
4-Chloro-3-methylphenol	0.35	U	0.35	0.020	mg/Kg	☼	10/05/25 13:28	10/06/25 12:32	1
4-Chloroaniline	0.35	U	0.35	0.063	mg/Kg	☼	10/05/25 13:28	10/06/25 12:32	1
4-Chlorophenyl phenyl ether	0.35	U	0.35	0.012	mg/Kg	☼	10/05/25 13:28	10/06/25 12:32	1
4-Methylphenol	0.35	U	0.35	0.022	mg/Kg	☼	10/05/25 13:28	10/06/25 12:32	1
4-Nitroaniline	0.35	U	0.35	0.090	mg/Kg	☼	10/05/25 13:28	10/06/25 12:32	1
4-Nitrophenol	0.72	U	0.72	0.058	mg/Kg	☼	10/05/25 13:28	10/06/25 12:32	1
Acenaphthene	0.35	U	0.35	0.010	mg/Kg	☼	10/05/25 13:28	10/06/25 12:32	1
Acenaphthylene	0.35	U	0.35	0.010	mg/Kg	☼	10/05/25 13:28	10/06/25 12:32	1
Acetophenone	0.35	U	0.35	0.017	mg/Kg	☼	10/05/25 13:28	10/06/25 12:32	1
Anthracene	0.35	U	0.35	0.011	mg/Kg	☼	10/05/25 13:28	10/06/25 12:32	1
Atrazine	0.14	U *	0.14	0.021	mg/Kg	☼	10/05/25 13:28	10/06/25 12:32	1
Benzaldehyde	0.35	U *	0.35	0.058	mg/Kg	☼	10/05/25 13:28	10/06/25 12:32	1
Benzo[a]anthracene	0.035	U	0.035	0.027	mg/Kg	☼	10/05/25 13:28	10/06/25 12:32	1
Benzo[a]pyrene	0.035	U	0.035	0.0094	mg/Kg	☼	10/05/25 13:28	10/06/25 12:32	1
Benzo[b]fluoranthene	0.035	U *	0.035	0.0092	mg/Kg	☼	10/05/25 13:28	10/06/25 12:32	1
Benzo[g,h,i]perylene	0.35	U	0.35	0.010	mg/Kg	☼	10/05/25 13:28	10/06/25 12:32	1
Benzo[k]fluoranthene	0.035	U	0.035	0.0069	mg/Kg	☼	10/05/25 13:28	10/06/25 12:32	1
Bis(2-chloroethoxy)methane	0.35	U	0.35	0.065	mg/Kg	☼	10/05/25 13:28	10/06/25 12:32	1
Bis(2-chloroethyl)ether	0.035	U	0.035	0.012	mg/Kg	☼	10/05/25 13:28	10/06/25 12:32	1
Bis(2-ethylhexyl) phthalate	0.35	U *	0.35	0.019	mg/Kg	☼	10/05/25 13:28	10/06/25 12:32	1
Butyl benzyl phthalate	0.35	U *	0.35	0.017	mg/Kg	☼	10/05/25 13:28	10/06/25 12:32	1
Caprolactam	0.35	U *	0.35	0.055	mg/Kg	☼	10/05/25 13:28	10/06/25 12:32	1
Carbazole	0.35	U	0.35	0.013	mg/Kg	☼	10/05/25 13:28	10/06/25 12:32	1
Chrysene	0.35	U	0.35	0.015	mg/Kg	☼	10/05/25 13:28	10/06/25 12:32	1
Dibenz(a,h)anthracene	0.035	U	0.035	0.015	mg/Kg	☼	10/05/25 13:28	10/06/25 12:32	1
Dibenzofuran	0.35	U	0.35	0.012	mg/Kg	☼	10/05/25 13:28	10/06/25 12:32	1

Client Sample ID: 4D_0-7
Date Collected: 10/02/25 09:00
Date Received: 10/02/25 16:00

Lab Sample ID: 460-336309-13
Matrix: Solid
Percent Solids: 93.2

Method: SW846 8270E - Semivolatile Organic Compounds (GC/MS) (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Diethyl phthalate	0.35	U	0.35	0.011	mg/Kg	☼	10/05/25 13:28	10/06/25 12:32	1
Dimethyl phthalate	0.35	U	0.35	0.080	mg/Kg	☼	10/05/25 13:28	10/06/25 12:32	1
Di-n-butyl phthalate	0.35	U *	0.35	0.013	mg/Kg	☼	10/05/25 13:28	10/06/25 12:32	1
Di-n-octyl phthalate	0.35	U *	0.35	0.019	mg/Kg	☼	10/05/25 13:28	10/06/25 12:32	1
Fluoranthene	0.35	U	0.35	0.012	mg/Kg	☼	10/05/25 13:28	10/06/25 12:32	1
Fluorene	0.35	U	0.35	0.010	mg/Kg	☼	10/05/25 13:28	10/06/25 12:32	1
Hexachlorobenzene	0.035	U	0.035	0.017	mg/Kg	☼	10/05/25 13:28	10/06/25 12:32	1
Hexachlorobutadiene	0.072	U	0.072	0.0075	mg/Kg	☼	10/05/25 13:28	10/06/25 12:32	1
Hexachlorocyclopentadiene	0.35	U	0.35	0.031	mg/Kg	☼	10/05/25 13:28	10/06/25 12:32	1
Hexachloroethane	0.035	U	0.035	0.012	mg/Kg	☼	10/05/25 13:28	10/06/25 12:32	1
Indeno[1,2,3-cd]pyrene	**0.022**	**J**	0.035	0.014	mg/Kg	☼	10/05/25 13:28	10/06/25 12:32	1
Isophorone	0.14	U	0.14	0.10	mg/Kg	☼	10/05/25 13:28	10/06/25 12:32	1
Naphthalene	0.35	U	0.35	0.0061	mg/Kg	☼	10/05/25 13:28	10/06/25 12:32	1
Nitrobenzene	0.035	U	0.035	0.020	mg/Kg	☼	10/05/25 13:28	10/06/25 12:32	1
N-Nitrosodi-n-propylamine	0.035	U	0.035	0.026	mg/Kg	☼	10/05/25 13:28	10/06/25 12:32	1
N-Nitrosodiphenylamine	0.35	U	0.35	0.029	mg/Kg	☼	10/05/25 13:28	10/06/25 12:32	1
Pentachlorophenol	0.28	U	0.28	0.072	mg/Kg	☼	10/05/25 13:28	10/06/25 12:32	1
Phenanthrene	0.35	U	0.35	0.014	mg/Kg	☼	10/05/25 13:28	10/06/25 12:32	1
Phenol	0.35	U	0.35	0.013	mg/Kg	☼	10/05/25 13:28	10/06/25 12:32	1
Pyrene	0.35	U	0.35	0.0088	mg/Kg	☼	10/05/25 13:28	10/06/25 12:32	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
2,4,6-Tribromophenol (Surr)	*85*		*18 - 137*	*10/05/25 13:28*	*10/06/25 12:32*	*1*
2-Fluorobiphenyl	*74*		*33 - 117*	*10/05/25 13:28*	*10/06/25 12:32*	*1*
2-Fluorophenol (Surr)	*79*		*24 - 120*	*10/05/25 13:28*	*10/06/25 12:32*	*1*
Nitrobenzene-d5 (Surr)	*77*		*27 - 120*	*10/05/25 13:28*	*10/06/25 12:32*	*1*
Phenol-d5 (Surr)	*75*		*28 - 118*	*10/05/25 13:28*	*10/06/25 12:32*	*1*
Terphenyl-d14 (Surr)	*86*		*33 - 124*	*10/05/25 13:28*	*10/06/25 12:32*	*1*

Method: SW846 8081B - Organochlorine Pesticides (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
4,4'-DDD	0.0072	U	0.0072	0.0012	mg/Kg	☼	10/05/25 16:16	10/06/25 12:28	1
4,4'-DDE	0.0072	U	0.0072	0.00085	mg/Kg	☼	10/05/25 16:16	10/06/25 12:28	1
4,4'-DDT	0.0072	U	0.0072	0.0013	mg/Kg	☼	10/05/25 16:16	10/06/25 12:28	1
Aldrin	0.0072	U	0.0072	0.0011	mg/Kg	☼	10/05/25 16:16	10/06/25 12:28	1
alpha-BHC	0.0021	U	0.0021	0.00073	mg/Kg	☼	10/05/25 16:16	10/06/25 12:28	1
beta-BHC	0.0021	U	0.0021	0.00081	mg/Kg	☼	10/05/25 16:16	10/06/25 12:28	1
Chlordane (technical)	0.072	U	0.072	0.017	mg/Kg	☼	10/05/25 16:16	10/06/25 12:28	1
cis-Chlordane	0.0072	U	0.0072	0.0011	mg/Kg	☼	10/05/25 16:16	10/06/25 12:28	1
delta-BHC	0.0021	U	0.0021	0.00044	mg/Kg	☼	10/05/25 16:16	10/06/25 12:28	1
Dieldrin	0.0021	U	0.0021	0.00093	mg/Kg	☼	10/05/25 16:16	10/06/25 12:28	1
Endosulfan I	0.0072	U	0.0072	0.0011	mg/Kg	☼	10/05/25 16:16	10/06/25 12:28	1
Endosulfan II	0.0072	U	0.0072	0.0018	mg/Kg	☼	10/05/25 16:16	10/06/25 12:28	1
Endosulfan sulfate	0.0072	U	0.0072	0.00090	mg/Kg	☼	10/05/25 16:16	10/06/25 12:28	1
Endrin	0.0072	U	0.0072	0.0010	mg/Kg	☼	10/05/25 16:16	10/06/25 12:28	1
Endrin aldehyde	0.0072	U	0.0072	0.0017	mg/Kg	☼	10/05/25 16:16	10/06/25 12:28	1
Endrin ketone	0.0072	U	0.0072	0.0014	mg/Kg	☼	10/05/25 16:16	10/06/25 12:28	1
gamma-BHC (Lindane)	0.0021	U	0.0021	0.00067	mg/Kg	☼	10/05/25 16:16	10/06/25 12:28	1
Heptachlor	0.0072	U	0.0072	0.00085	mg/Kg	☼	10/05/25 16:16	10/06/25 12:28	1
Heptachlor epoxide	0.0072	U	0.0072	0.0011	mg/Kg	☼	10/05/25 16:16	10/06/25 12:28	1

Client Sample ID: 4D_0-7
Date Collected: 10/02/25 09:00
Date Received: 10/02/25 16:00

Lab Sample ID: 460-336309-13
Matrix: Solid
Percent Solids: 93.2

Method: SW846 8081B - Organochlorine Pesticides (GC) (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Methoxychlor	0.0072	U	0.0072	0.0016	mg/Kg	☼	10/05/25 16:16	10/06/25 12:28	1
Toxaphene	0.072	U	0.072	0.026	mg/Kg	☼	10/05/25 16:16	10/06/25 12:28	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
DCB Decachlorobiphenyl	*101*		*10 - 150*	*10/05/25 16:16*	*10/06/25 12:28*	*1*
DCB Decachlorobiphenyl	*117*		*10 - 150*	*10/05/25 16:16*	*10/06/25 12:28*	*1*
Tetrachloro-m-xylene	*97*		*14 - 150*	*10/05/25 16:16*	*10/06/25 12:28*	*1*
Tetrachloro-m-xylene	*94*		*14 - 150*	*10/05/25 16:16*	*10/06/25 12:28*	*1*

Method: SW846 8082A - Polychlorinated Biphenyls (PCBs) by Gas Chromatography

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Aroclor 1016	0.072	U	0.072	0.019	mg/Kg	☼	10/05/25 15:56	10/06/25 22:59	1
Aroclor 1221	0.072	U	0.072	0.019	mg/Kg	☼	10/05/25 15:56	10/06/25 22:59	1
Aroclor 1232	0.072	U	0.072	0.019	mg/Kg	☼	10/05/25 15:56	10/06/25 22:59	1
Aroclor 1242	0.072	U	0.072	0.019	mg/Kg	☼	10/05/25 15:56	10/06/25 22:59	1
Aroclor 1248	0.072	U	0.072	0.019	mg/Kg	☼	10/05/25 15:56	10/06/25 22:59	1
Aroclor 1254	0.072	U	0.072	0.019	mg/Kg	☼	10/05/25 15:56	10/06/25 22:59	1
Aroclor 1260	0.072	U	0.072	0.019	mg/Kg	☼	10/05/25 15:56	10/06/25 22:59	1
Aroclor-1262	0.072	U	0.072	0.019	mg/Kg	☼	10/05/25 15:56	10/06/25 22:59	1
Aroclor 1268	0.072	U	0.072	0.019	mg/Kg	☼	10/05/25 15:56	10/06/25 22:59	1
Polychlorinated biphenyls, Total	0.072	U	0.072	0.019	mg/Kg	☼	10/05/25 15:56	10/06/25 22:59	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
DCB Decachlorobiphenyl	*110*		*10 - 150*	*10/05/25 15:56*	*10/06/25 22:59*	*1*
DCB Decachlorobiphenyl	*110*		*10 - 150*	*10/05/25 15:56*	*10/06/25 22:59*	*1*
Tetrachloro-m-xylene	*92*		*10 - 150*	*10/05/25 15:56*	*10/06/25 22:59*	*1*
Tetrachloro-m-xylene	*104*		*10 - 150*	*10/05/25 15:56*	*10/06/25 22:59*	*1*

Method: EPA 1633A - Per- and Polyfluoroalkyl Substances by LC/MS/MS, 1633A

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Perfluorobutanoic acid (PFBA)	0.40	U	0.40	0.10	ug/Kg	☼	10/08/25 06:11	10/09/25 12:59	1
Perfluoropentanoic acid (PFPeA)	0.20	U	0.20	0.10	ug/Kg	☼	10/08/25 06:11	10/09/25 12:59	1
Perfluorohexanoic acid (PFHxA)	0.20	U	0.20	0.10	ug/Kg	☼	10/08/25 06:11	10/09/25 12:59	1
Perfluoroheptanoic acid (PFHpA)	0.20	U	0.20	0.10	ug/Kg	☼	10/08/25 06:11	10/09/25 12:59	1
Perfluorooctanoic acid (PFOA)	0.20	U	0.20	0.060	ug/Kg	☼	10/08/25 06:11	10/09/25 12:59	1
Perfluorononanoic acid (PFNA)	0.20	U	0.20	0.10	ug/Kg	☼	10/08/25 06:11	10/09/25 12:59	1
Perfluorodecanoic acid (PFDA)	**0.066**	**J**	0.20	0.060	ug/Kg	☼	10/08/25 06:11	10/09/25 12:59	1
Perfluoroundecanoic acid (PFUnA)	**1.89**		0.20	0.10	ug/Kg	☼	10/08/25 06:11	10/09/25 12:59	1
Perfluorododecanoic acid (PFDoA)	0.20	U	0.20	0.10	ug/Kg	☼	10/08/25 06:11	10/09/25 12:59	1
Perfluorotridecanoic acid (PFTrDA)	**0.79**		0.20	0.10	ug/Kg	☼	10/08/25 06:11	10/09/25 12:59	1
Perfluorotetradecanoic acid (PFTeDA)	0.20	U	0.20	0.10	ug/Kg	☼	10/08/25 06:11	10/09/25 12:59	1
Perfluorobutanesulfonic acid (PFBS)	0.20	U	0.20	0.10	ug/Kg	☼	10/08/25 06:11	10/09/25 12:59	1
Perfluoropentanesulfonic acid (PFPeS)	0.20	U	0.20	0.10	ug/Kg	☼	10/08/25 06:11	10/09/25 12:59	1
Perfluorohexanesulfonic acid (PFHxS)	0.20	U	0.20	0.10	ug/Kg	☼	10/08/25 06:11	10/09/25 12:59	1
Perfluoroheptanesulfonic acid (PFHpS)	0.20	U	0.20	0.10	ug/Kg	☼	10/08/25 06:11	10/09/25 12:59	1
Perfluorooctanesulfonic acid (PFOS)	0.20	U	0.20	0.10	ug/Kg	☼	10/08/25 06:11	10/09/25 12:59	1
Perfluorononanesulfonic acid (PFNS)	0.20	U	0.20	0.10	ug/Kg	☼	10/08/25 06:11	10/09/25 12:59	1

Client Sample ID: 4D_0-7
Date Collected: 10/02/25 09:00
Date Received: 10/02/25 16:00

Lab Sample ID: 460-336309-13
Matrix: Solid
Percent Solids: 93.2

Method: EPA 1633A - Per- and Polyfluoroalkyl Substances by LC/MS/MS, 1633A (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Perfluorodecanesulfonic acid (PFDS)	0.20	U	0.20	0.10	ug/Kg	☼	10/08/25 06:11	10/09/25 12:59	1
Perfluorododecanesulfonic acid (PFDoS)	0.20	U	0.20	0.10	ug/Kg	☼	10/08/25 06:11	10/09/25 12:59	1
1H,1H,2H,2H-Perfluorohexane sulfonic acid (4:2 FTS)	0.40	U	0.40	0.20	ug/Kg	☼	10/08/25 06:11	10/09/25 12:59	1
1H,1H,2H,2H-Perfluorooctane sulfonic acid (6:2 FTS)	0.40	U	0.40	0.20	ug/Kg	☼	10/08/25 06:11	10/09/25 12:59	1
1H,1H,2H,2H-Perfluorodecane sulfonic acid (8:2 FTS)	0.40	U	0.40	0.20	ug/Kg	☼	10/08/25 06:11	10/09/25 12:59	1
Perfluorooctanesulfonamide (PFOSA)	0.20	U	0.20	0.10	ug/Kg	☼	10/08/25 06:11	10/09/25 12:59	1
N-methylperfluorooctane sulfonamide (NMeFOSA)	0.20	U	0.20	0.10	ug/Kg	☼	10/08/25 06:11	10/09/25 12:59	1
N-ethylperfluorooctane sulfonamide (NEtFOSA)	0.20	U	0.20	0.10	ug/Kg	☼	10/08/25 06:11	10/09/25 12:59	1
N-methylperfluorooctanesulfonamidoacetic acid (NMeFOSAA)	0.20	U	0.20	0.10	ug/Kg	☼	10/08/25 06:11	10/09/25 12:59	1
N-ethylperfluorooctanesulfonamidoacetic acid (NEtFOSAA)	0.20	U	0.20	0.10	ug/Kg	☼	10/08/25 06:11	10/09/25 12:59	1
N-methylperfluorooctane sulfonamidoethanol (NMeFOSE)	1.0	U	1.0	0.50	ug/Kg	☼	10/08/25 06:11	10/09/25 12:59	1
N-ethylperfluorooctane sulfonamidoethanol (NEtFOSE)	1.0	U	1.0	0.50	ug/Kg	☼	10/08/25 06:11	10/09/25 12:59	1
Hexafluoropropylene Oxide Dimer Acid (HFPO-DA)	0.20	U	0.20	0.10	ug/Kg	☼	10/08/25 06:11	10/09/25 12:59	1
4,8-Dioxa-3H-perfluorononanoic acid (ADONA)	0.20	U	0.20	0.10	ug/Kg	☼	10/08/25 06:11	10/09/25 12:59	1
Perfluoro-3-methoxypropanoic acid (PFMPA)	0.20	U	0.20	0.10	ug/Kg	☼	10/08/25 06:11	10/09/25 12:59	1
Perfluoro-4-methoxybutanoic acid (PFMBA)	0.20	U	0.20	0.10	ug/Kg	☼	10/08/25 06:11	10/09/25 12:59	1
Nonafluoro-3,6-dioxaheptanoic acid (NFDHA)	0.20	U	0.20	0.10	ug/Kg	☼	10/08/25 06:11	10/09/25 12:59	1
9-Chlorohexadecafluoro-3-oxanonane-1-sulfonic acid (9Cl-PF3ONS)	0.20	U	0.20	0.10	ug/Kg	☼	10/08/25 06:11	10/09/25 12:59	1
11-Chloroeicosafluoro-3-oxaundecane-1-sulfonic acid (11Cl-PF3OUdS)	0.20	U	0.20	0.10	ug/Kg	☼	10/08/25 06:11	10/09/25 12:59	1
Perfluoro (2-ethoxyethane) sulfonic acid (PFEESA)	0.20	U	0.20	0.10	ug/Kg	☼	10/08/25 06:11	10/09/25 12:59	1
3-Perfluoropropylpropanoic acid (3:3 FTCA)	0.40	U	0.40	0.20	ug/Kg	☼	10/08/25 06:11	10/09/25 12:59	1
3-Perfluoropentylpropanoic acid (5:3 FTCA)	1.0	U	1.0	0.50	ug/Kg	☼	10/08/25 06:11	10/09/25 12:59	1
3-Perfluoroheptylpropanoic acid (7:3 FTCA)	1.0	U	1.0	0.50	ug/Kg	☼	10/08/25 06:11	10/09/25 12:59	1

Isotope Dilution	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
13C4 PFBA	*108*		*8 - 130*	*10/08/25 06:11*	*10/09/25 12:59*	*1*
13C5 PFPeA	*105*		*35 - 130*	*10/08/25 06:11*	*10/09/25 12:59*	*1*
13C5 PFHxA	*101*		*40 - 130*	*10/08/25 06:11*	*10/09/25 12:59*	*1*
13C4 PFHpA	*97.4*		*40 - 130*	*10/08/25 06:11*	*10/09/25 12:59*	*1*
13C8 PFOA	*101*		*40 - 130*	*10/08/25 06:11*	*10/09/25 12:59*	*1*
13C9 PFNA	*103*		*40 - 130*	*10/08/25 06:11*	*10/09/25 12:59*	*1*
13C6 PFDA	*96.0*		*40 - 130*	*10/08/25 06:11*	*10/09/25 12:59*	*1*
13C7 PFUnA	*90.3*		*40 - 130*	*10/08/25 06:11*	*10/09/25 12:59*	*1*
13C2 PFTeDA	*78.0*		*20 - 130*	*10/08/25 06:11*	*10/09/25 12:59*	*1*

Client Sample ID: 4D_0-7

Date Collected: 10/02/25 09:00
Date Received: 10/02/25 16:00

Lab Sample ID: 460-336309-13

Matrix: Solid
Percent Solids: 93.2

Method: EPA 1633A - Per- and Polyfluoroalkyl Substances by LC/MS/MS, 1633A (Continued)

Isotope Dilution	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
13C3 PFBS	110		40 - 135	10/08/25 06:11	10/09/25 12:59	1
13C3 PFHxS	95.0		40 - 130	10/08/25 06:11	10/09/25 12:59	1
13C8 PFOS	93.0		40 - 130	10/08/25 06:11	10/09/25 12:59	1
13C8 FOSA	93.4		40 - 130	10/08/25 06:11	10/09/25 12:59	1
d3-NMeFOSAA	87.3		40 - 135	10/08/25 06:11	10/09/25 12:59	1
d5-NEtFOSAA	79.4		40 - 150	10/08/25 06:11	10/09/25 12:59	1
13C2 4:2 FTS	128		40 - 165	10/08/25 06:11	10/09/25 12:59	1
13C2 6:2 FTS	106		40 - 215	10/08/25 06:11	10/09/25 12:59	1
13C2 8:2 FTS	148		40 - 275	10/08/25 06:11	10/09/25 12:59	1
13C3 HFPO-DA	91.4		40 - 130	10/08/25 06:11	10/09/25 12:59	1
d7-N-MeFOSE-M	71.6		20 - 130	10/08/25 06:11	10/09/25 12:59	1
d9-N-EtFOSE-M	63.1		15 - 130	10/08/25 06:11	10/09/25 12:59	1
d5-NEtPFOSA	80.5		10 - 130	10/08/25 06:11	10/09/25 12:59	1
d3-NMePFOSA	84.8		10 - 130	10/08/25 06:11	10/09/25 12:59	1
13C2 PFDoA	91.4		40 - 130	10/08/25 06:11	10/09/25 12:59	1

Method: SW846 6020B - Metals (ICP/MS)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Aluminum	6840		19.5	5.4	mg/Kg	☼	10/08/25 06:57	10/08/25 16:11	1
Antimony	0.57	J	0.98	0.14	mg/Kg	☼	10/08/25 06:57	10/08/25 16:11	1
Arsenic	5.2		0.98	0.10	mg/Kg	☼	10/08/25 06:57	10/08/25 16:11	1
Barium	49.8		2.0	0.14	mg/Kg	☼	10/08/25 06:57	10/08/25 16:11	1
Beryllium	0.51		0.39	0.021	mg/Kg	☼	10/08/25 06:57	10/08/25 16:11	1
Cadmium	0.21	J	0.98	0.11	mg/Kg	☼	10/08/25 06:57	10/08/25 16:11	1
Calcium	1160		97.6	9.5	mg/Kg	☼	10/08/25 06:57	10/08/25 16:11	1
Chromium	16.9		2.0	0.29	mg/Kg	☼	10/08/25 06:57	10/08/25 16:11	1
Cobalt	7.0		0.98	0.14	mg/Kg	☼	10/08/25 06:57	10/08/25 16:11	1
Copper	32.6		2.0	0.36	mg/Kg	☼	10/08/25 06:57	10/08/25 16:11	1
Iron	16300		58.6	7.5	mg/Kg	☼	10/08/25 06:57	10/08/25 16:11	1
Lead	43.1		0.59	0.20	mg/Kg	☼	10/08/25 06:57	10/08/25 16:11	1
Magnesium	2280		97.6	10	mg/Kg	☼	10/08/25 06:57	10/08/25 16:11	1
Manganese	274		3.9	0.39	mg/Kg	☼	10/08/25 06:57	10/08/25 16:11	1
Nickel	14.5		2.0	0.17	mg/Kg	☼	10/08/25 06:57	10/08/25 16:11	1
Potassium	1030		97.6	15.8	mg/Kg	☼	10/08/25 06:57	10/08/25 16:11	1
Selenium	0.27	J	1.2	0.12	mg/Kg	☼	10/08/25 06:57	10/08/25 16:11	1
Silver	0.13	J	0.39	0.087	mg/Kg	☼	10/08/25 06:57	10/08/25 16:11	1
Sodium	74.5	J	97.6	44.6	mg/Kg	☼	10/08/25 06:57	10/08/25 16:11	1
Thallium	0.075	J	0.39	0.040	mg/Kg	☼	10/08/25 06:57	10/08/25 16:11	1
Vanadium	20.9		2.0	0.20	mg/Kg	☼	10/08/25 06:57	10/08/25 16:11	1
Zinc	64.1		7.8	1.1	mg/Kg	☼	10/08/25 06:57	10/08/25 16:11	1

Method: SW846 7471B - Mercury (CVAA)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	0.032		0.016	0.0076	mg/Kg	☼	10/09/25 02:17	10/09/25 09:20	1

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Percent Moisture (EPA Moisture)	6.8		1.0	1.0	%			10/07/25 16:17	1
Percent Solids (EPA Moisture)	93.2		1.0	1.0	%			10/07/25 16:17	1

Client Sample ID: 4D_7-14
Date Collected: 10/02/25 09:05
Date Received: 10/02/25 16:00

Lab Sample ID: 460-336309-14
Matrix: Solid
Percent Solids: 93.5

Method: SW846 8270E - Semivolatile Organic Compounds (GC/MS)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1'-Biphenyl	0.35	U	0.35	0.012	mg/Kg	☼	10/05/25 13:28	10/06/25 12:15	1
1,2,4,5-Tetrachlorobenzene	0.35	U	0.35	0.011	mg/Kg	☼	10/05/25 13:28	10/06/25 12:15	1
1,4-Dioxane	0.035	U	0.035	0.031	mg/Kg	☼	10/05/25 13:28	10/06/25 12:15	1
2,2'-oxybis[1-chloropropane]	0.35	U	0.35	0.021	mg/Kg	☼	10/05/25 13:28	10/06/25 12:15	1
2,3,4,6-Tetrachlorophenol	0.35	U	0.35	0.024	mg/Kg	☼	10/05/25 13:28	10/06/25 12:15	1
2,4,5-Trichlorophenol	0.35	U	0.35	0.036	mg/Kg	☼	10/05/25 13:28	10/06/25 12:15	1
2,4,6-Trichlorophenol	0.14	U	0.14	0.045	mg/Kg	☼	10/05/25 13:28	10/06/25 12:15	1
2,4-Dichlorophenol	0.14	U	0.14	0.023	mg/Kg	☼	10/05/25 13:28	10/06/25 12:15	1
2,4-Dimethylphenol	0.35	U	0.35	0.042	mg/Kg	☼	10/05/25 13:28	10/06/25 12:15	1
2,4-Dinitrophenol	0.28	U	0.28	0.17	mg/Kg	☼	10/05/25 13:28	10/06/25 12:15	1
2,4-Dinitrotoluene	0.071	U	0.071	0.038	mg/Kg	☼	10/05/25 13:28	10/06/25 12:15	1
2,6-Dinitrotoluene	0.071	U	0.071	0.025	mg/Kg	☼	10/05/25 13:28	10/06/25 12:15	1
2-Chloronaphthalene	0.35	U	0.35	0.045	mg/Kg	☼	10/05/25 13:28	10/06/25 12:15	1
2-Chlorophenol	0.35	U	0.35	0.013	mg/Kg	☼	10/05/25 13:28	10/06/25 12:15	1
2-Methylnaphthalene	0.35	U *	0.35	0.0099	mg/Kg	☼	10/05/25 13:28	10/06/25 12:15	1
2-Methylphenol	0.35	U	0.35	0.013	mg/Kg	☼	10/05/25 13:28	10/06/25 12:15	1
2-Nitroaniline	0.35	U	0.35	0.027	mg/Kg	☼	10/05/25 13:28	10/06/25 12:15	1
2-Nitrophenol	0.35	U	0.35	0.035	mg/Kg	☼	10/05/25 13:28	10/06/25 12:15	1
3 & 4 Methylphenol	0.35	U	0.35	0.022	mg/Kg	☼	10/05/25 13:28	10/06/25 12:15	1
3,3'-Dichlorobenzidine	0.14	U	0.14	0.053	mg/Kg	☼	10/05/25 13:28	10/06/25 12:15	1
3-Nitroaniline	0.35	U	0.35	0.084	mg/Kg	☼	10/05/25 13:28	10/06/25 12:15	1
4,6-Dinitro-2-methylphenol	0.28	U *	0.28	0.14	mg/Kg	☼	10/05/25 13:28	10/06/25 12:15	1
4-Bromophenyl phenyl ether	0.35	U	0.35	0.014	mg/Kg	☼	10/05/25 13:28	10/06/25 12:15	1
4-Chloro-3-methylphenol	0.35	U	0.35	0.020	mg/Kg	☼	10/05/25 13:28	10/06/25 12:15	1
4-Chloroaniline	0.35	U	0.35	0.063	mg/Kg	☼	10/05/25 13:28	10/06/25 12:15	1
4-Chlorophenyl phenyl ether	0.35	U	0.35	0.012	mg/Kg	☼	10/05/25 13:28	10/06/25 12:15	1
4-Methylphenol	0.35	U	0.35	0.022	mg/Kg	☼	10/05/25 13:28	10/06/25 12:15	1
4-Nitroaniline	0.35	U	0.35	0.089	mg/Kg	☼	10/05/25 13:28	10/06/25 12:15	1
4-Nitrophenol	0.71	U	0.71	0.057	mg/Kg	☼	10/05/25 13:28	10/06/25 12:15	1
Acenaphthene	0.35	U	0.35	0.010	mg/Kg	☼	10/05/25 13:28	10/06/25 12:15	1
Acenaphthylene	0.35	U	0.35	0.010	mg/Kg	☼	10/05/25 13:28	10/06/25 12:15	1
Acetophenone	0.35	U	0.35	0.017	mg/Kg	☼	10/05/25 13:28	10/06/25 12:15	1
Anthracene	0.35	U	0.35	0.011	mg/Kg	☼	10/05/25 13:28	10/06/25 12:15	1
Atrazine	0.14	U *	0.14	0.021	mg/Kg	☼	10/05/25 13:28	10/06/25 12:15	1
Benzaldehyde	0.35	U *	0.35	0.058	mg/Kg	☼	10/05/25 13:28	10/06/25 12:15	1
Benzo[a]anthracene	0.035	U	0.035	0.027	mg/Kg	☼	10/05/25 13:28	10/06/25 12:15	1
Benzo[a]pyrene	0.035	U	0.035	0.0094	mg/Kg	☼	10/05/25 13:28	10/06/25 12:15	1
Benzo[b]fluoranthene	0.035	U *	0.035	0.0091	mg/Kg	☼	10/05/25 13:28	10/06/25 12:15	1
Benzo[g,h,i]perylene	**0.017**	**J**	0.35	0.010	mg/Kg	☼	10/05/25 13:28	10/06/25 12:15	1
Benzo[k]fluoranthene	0.035	U	0.035	0.0069	mg/Kg	☼	10/05/25 13:28	10/06/25 12:15	1
Bis(2-chloroethoxy)methane	0.35	U	0.35	0.065	mg/Kg	☼	10/05/25 13:28	10/06/25 12:15	1
Bis(2-chloroethyl)ether	0.035	U	0.035	0.012	mg/Kg	☼	10/05/25 13:28	10/06/25 12:15	1
Bis(2-ethylhexyl) phthalate	0.35	U *	0.35	0.019	mg/Kg	☼	10/05/25 13:28	10/06/25 12:15	1
Butyl benzyl phthalate	0.35	U *	0.35	0.017	mg/Kg	☼	10/05/25 13:28	10/06/25 12:15	1
Caprolactam	0.35	U *	0.35	0.055	mg/Kg	☼	10/05/25 13:28	10/06/25 12:15	1
Carbazole	0.35	U	0.35	0.013	mg/Kg	☼	10/05/25 13:28	10/06/25 12:15	1
Chrysene	0.35	U	0.35	0.015	mg/Kg	☼	10/05/25 13:28	10/06/25 12:15	1
Dibenz(a,h)anthracene	0.035	U	0.035	0.015	mg/Kg	☼	10/05/25 13:28	10/06/25 12:15	1
Dibenzofuran	0.35	U	0.35	0.012	mg/Kg	☼	10/05/25 13:28	10/06/25 12:15	1

Client Sample ID: 4D_7-14
Date Collected: 10/02/25 09:05
Date Received: 10/02/25 16:00

Lab Sample ID: 460-336309-14
Matrix: Solid
Percent Solids: 93.5

Method: SW846 8270E - Semivolatile Organic Compounds (GC/MS) (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Diethyl phthalate	0.35	U	0.35	0.011	mg/Kg	☼	10/05/25 13:28	10/06/25 12:15	1
Dimethyl phthalate	0.35	U	0.35	0.080	mg/Kg	☼	10/05/25 13:28	10/06/25 12:15	1
Di-n-butyl phthalate	0.35	U *	0.35	0.013	mg/Kg	☼	10/05/25 13:28	10/06/25 12:15	1
Di-n-octyl phthalate	0.35	U *	0.35	0.019	mg/Kg	☼	10/05/25 13:28	10/06/25 12:15	1
Fluoranthene	0.35	U	0.35	0.012	mg/Kg	☼	10/05/25 13:28	10/06/25 12:15	1
Fluorene	0.35	U	0.35	0.010	mg/Kg	☼	10/05/25 13:28	10/06/25 12:15	1
Hexachlorobenzene	0.035	U	0.035	0.017	mg/Kg	☼	10/05/25 13:28	10/06/25 12:15	1
Hexachlorobutadiene	0.071	U	0.071	0.0075	mg/Kg	☼	10/05/25 13:28	10/06/25 12:15	1
Hexachlorocyclopentadiene	0.35	U	0.35	0.031	mg/Kg	☼	10/05/25 13:28	10/06/25 12:15	1
Hexachloroethane	0.035	U	0.035	0.012	mg/Kg	☼	10/05/25 13:28	10/06/25 12:15	1
Indeno[1,2,3-cd]pyrene	**0.022**	**J**	0.035	0.014	mg/Kg	☼	10/05/25 13:28	10/06/25 12:15	1
Isophorone	0.14	U	0.14	0.10	mg/Kg	☼	10/05/25 13:28	10/06/25 12:15	1
Naphthalene	0.35	U	0.35	0.0061	mg/Kg	☼	10/05/25 13:28	10/06/25 12:15	1
Nitrobenzene	0.035	U	0.035	0.020	mg/Kg	☼	10/05/25 13:28	10/06/25 12:15	1
N-Nitrosodi-n-propylamine	0.035	U	0.035	0.026	mg/Kg	☼	10/05/25 13:28	10/06/25 12:15	1
N-Nitrosodiphenylamine	0.35	U	0.35	0.029	mg/Kg	☼	10/05/25 13:28	10/06/25 12:15	1
Pentachlorophenol	0.28	U	0.28	0.072	mg/Kg	☼	10/05/25 13:28	10/06/25 12:15	1
Phenanthrene	0.35	U	0.35	0.014	mg/Kg	☼	10/05/25 13:28	10/06/25 12:15	1
Phenol	0.35	U	0.35	0.013	mg/Kg	☼	10/05/25 13:28	10/06/25 12:15	1
Pyrene	0.35	U	0.35	0.0088	mg/Kg	☼	10/05/25 13:28	10/06/25 12:15	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
2,4,6-Tribromophenol (Surr)	*95*		*18 - 137*	*10/05/25 13:28*	*10/06/25 12:15*	*1*
2-Fluorobiphenyl	*84*		*33 - 117*	*10/05/25 13:28*	*10/06/25 12:15*	*1*
2-Fluorophenol (Surr)	*85*		*24 - 120*	*10/05/25 13:28*	*10/06/25 12:15*	*1*
Nitrobenzene-d5 (Surr)	*83*		*27 - 120*	*10/05/25 13:28*	*10/06/25 12:15*	*1*
Phenol-d5 (Surr)	*83*		*28 - 118*	*10/05/25 13:28*	*10/06/25 12:15*	*1*
Terphenyl-d14 (Surr)	*92*		*33 - 124*	*10/05/25 13:28*	*10/06/25 12:15*	*1*

Method: SW846 8081B - Organochlorine Pesticides (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
4,4'-DDD	0.0072	U	0.0072	0.0012	mg/Kg	☼	10/05/25 16:16	10/06/25 12:41	1
4,4'-DDE	0.0072	U	0.0072	0.00084	mg/Kg	☼	10/05/25 16:16	10/06/25 12:41	1
4,4'-DDT	0.0072	U	0.0072	0.0013	mg/Kg	☼	10/05/25 16:16	10/06/25 12:41	1
Aldrin	0.0072	U	0.0072	0.0011	mg/Kg	☼	10/05/25 16:16	10/06/25 12:41	1
alpha-BHC	0.0021	U	0.0021	0.00073	mg/Kg	☼	10/05/25 16:16	10/06/25 12:41	1
beta-BHC	0.0021	U	0.0021	0.00080	mg/Kg	☼	10/05/25 16:16	10/06/25 12:41	1
Chlordane (technical)	0.072	U	0.072	0.017	mg/Kg	☼	10/05/25 16:16	10/06/25 12:41	1
cis-Chlordane	0.0072	U	0.0072	0.0011	mg/Kg	☼	10/05/25 16:16	10/06/25 12:41	1
delta-BHC	0.0021	U	0.0021	0.00044	mg/Kg	☼	10/05/25 16:16	10/06/25 12:41	1
Dieldrin	0.0021	U	0.0021	0.00093	mg/Kg	☼	10/05/25 16:16	10/06/25 12:41	1
Endosulfan I	0.0072	U	0.0072	0.0011	mg/Kg	☼	10/05/25 16:16	10/06/25 12:41	1
Endosulfan II	0.0072	U	0.0072	0.0018	mg/Kg	☼	10/05/25 16:16	10/06/25 12:41	1
Endosulfan sulfate	0.0072	U	0.0072	0.00090	mg/Kg	☼	10/05/25 16:16	10/06/25 12:41	1
Endrin	0.0072	U	0.0072	0.0010	mg/Kg	☼	10/05/25 16:16	10/06/25 12:41	1
Endrin aldehyde	0.0072	U	0.0072	0.0017	mg/Kg	☼	10/05/25 16:16	10/06/25 12:41	1
Endrin ketone	0.0072	U	0.0072	0.0014	mg/Kg	☼	10/05/25 16:16	10/06/25 12:41	1
gamma-BHC (Lindane)	0.0021	U	0.0021	0.00066	mg/Kg	☼	10/05/25 16:16	10/06/25 12:41	1
Heptachlor	0.0072	U	0.0072	0.00084	mg/Kg	☼	10/05/25 16:16	10/06/25 12:41	1
Heptachlor epoxide	0.0072	U	0.0072	0.0011	mg/Kg	☼	10/05/25 16:16	10/06/25 12:41	1

Client Sample ID: 4D_7-14
Date Collected: 10/02/25 09:05
Date Received: 10/02/25 16:00

Lab Sample ID: 460-336309-14
Matrix: Solid
Percent Solids: 93.5

Method: SW846 8081B - Organochlorine Pesticides (GC) (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Methoxychlor	0.0072	U	0.0072	0.0016	mg/Kg	☼	10/05/25 16:16	10/06/25 12:41	1
Toxaphene	0.072	U	0.072	0.026	mg/Kg	☼	10/05/25 16:16	10/06/25 12:41	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
DCB Decachlorobiphenyl	*93*		*10 - 150*	*10/05/25 16:16*	*10/06/25 12:41*	*1*
DCB Decachlorobiphenyl	*108*		*10 - 150*	*10/05/25 16:16*	*10/06/25 12:41*	*1*
Tetrachloro-m-xylene	*89*		*14 - 150*	*10/05/25 16:16*	*10/06/25 12:41*	*1*
Tetrachloro-m-xylene	*86*		*14 - 150*	*10/05/25 16:16*	*10/06/25 12:41*	*1*

Method: SW846 8082A - Polychlorinated Biphenyls (PCBs) by Gas Chromatography

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Aroclor 1016	0.072	U	0.072	0.019	mg/Kg	☼	10/05/25 15:56	10/06/25 23:16	1
Aroclor 1221	0.072	U	0.072	0.019	mg/Kg	☼	10/05/25 15:56	10/06/25 23:16	1
Aroclor 1232	0.072	U	0.072	0.019	mg/Kg	☼	10/05/25 15:56	10/06/25 23:16	1
Aroclor 1242	0.072	U	0.072	0.019	mg/Kg	☼	10/05/25 15:56	10/06/25 23:16	1
Aroclor 1248	0.072	U	0.072	0.019	mg/Kg	☼	10/05/25 15:56	10/06/25 23:16	1
Aroclor 1254	0.072	U	0.072	0.019	mg/Kg	☼	10/05/25 15:56	10/06/25 23:16	1
Aroclor 1260	0.072	U	0.072	0.019	mg/Kg	☼	10/05/25 15:56	10/06/25 23:16	1
Aroclor-1262	0.072	U	0.072	0.019	mg/Kg	☼	10/05/25 15:56	10/06/25 23:16	1
Aroclor 1268	0.072	U	0.072	0.019	mg/Kg	☼	10/05/25 15:56	10/06/25 23:16	1
Polychlorinated biphenyls, Total	0.072	U	0.072	0.019	mg/Kg	☼	10/05/25 15:56	10/06/25 23:16	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
DCB Decachlorobiphenyl	*111*		*10 - 150*	*10/05/25 15:56*	*10/06/25 23:16*	*1*
DCB Decachlorobiphenyl	*112*		*10 - 150*	*10/05/25 15:56*	*10/06/25 23:16*	*1*
Tetrachloro-m-xylene	*93*		*10 - 150*	*10/05/25 15:56*	*10/06/25 23:16*	*1*
Tetrachloro-m-xylene	*104*		*10 - 150*	*10/05/25 15:56*	*10/06/25 23:16*	*1*

Method: EPA 1633A - Per- and Polyfluoroalkyl Substances by LC/MS/MS, 1633A

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Perfluorobutanoic acid (PFBA)	0.39	U	0.39	0.099	ug/Kg	☼	10/08/25 06:11	10/09/25 13:12	1
Perfluoropentanoic acid (PFPeA)	0.20	U	0.20	0.099	ug/Kg	☼	10/08/25 06:11	10/09/25 13:12	1
Perfluorohexanoic acid (PFHxA)	0.20	U	0.20	0.099	ug/Kg	☼	10/08/25 06:11	10/09/25 13:12	1
Perfluoroheptanoic acid (PFHpA)	0.20	U	0.20	0.099	ug/Kg	☼	10/08/25 06:11	10/09/25 13:12	1
Perfluorooctanoic acid (PFOA)	0.20	U	0.20	0.059	ug/Kg	☼	10/08/25 06:11	10/09/25 13:12	1
Perfluorononanoic acid (PFNA)	**0.13**	**J**	0.20	0.099	ug/Kg	☼	10/08/25 06:11	10/09/25 13:12	1
Perfluorodecanoic acid (PFDA)	**0.076**	**J**	0.20	0.059	ug/Kg	☼	10/08/25 06:11	10/09/25 13:12	1
Perfluoroundecanoic acid (PFUnA)	**1.56**		0.20	0.099	ug/Kg	☼	10/08/25 06:11	10/09/25 13:12	1
Perfluorododecanoic acid (PFDoA)	0.20	U	0.20	0.099	ug/Kg	☼	10/08/25 06:11	10/09/25 13:12	1
Perfluorotridecanoic acid (PFTrDA)	**1.40**		0.20	0.099	ug/Kg	☼	10/08/25 06:11	10/09/25 13:12	1
Perfluorotetradecanoic acid (PFTeDA)	0.20	U	0.20	0.099	ug/Kg	☼	10/08/25 06:11	10/09/25 13:12	1
Perfluorobutanesulfonic acid (PFBS)	0.20	U	0.20	0.099	ug/Kg	☼	10/08/25 06:11	10/09/25 13:12	1
Perfluoropentanesulfonic acid (PFPeS)	0.20	U	0.20	0.099	ug/Kg	☼	10/08/25 06:11	10/09/25 13:12	1
Perfluorohexanesulfonic acid (PFHxS)	0.20	U	0.20	0.099	ug/Kg	☼	10/08/25 06:11	10/09/25 13:12	1
Perfluoroheptanesulfonic acid (PFHpS)	0.20	U	0.20	0.099	ug/Kg	☼	10/08/25 06:11	10/09/25 13:12	1
Perfluorooctanesulfonic acid (PFOS)	0.20	U	0.20	0.099	ug/Kg	☼	10/08/25 06:11	10/09/25 13:12	1
Perfluorononanesulfonic acid (PFNS)	0.20	U	0.20	0.099	ug/Kg	☼	10/08/25 06:11	10/09/25 13:12	1

Client Sample ID: 4D_7-14
Date Collected: 10/02/25 09:05
Date Received: 10/02/25 16:00

Lab Sample ID: 460-336309-14
Matrix: Solid
Percent Solids: 93.5

Method: EPA 1633A - Per- and Polyfluoroalkyl Substances by LC/MS/MS, 1633A (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Perfluorodecanesulfonic acid (PFDS)	0.20	U	0.20	0.099	ug/Kg	☼	10/08/25 06:11	10/09/25 13:12	1
Perfluorododecanesulfonic acid (PFDoS)	0.20	U	0.20	0.099	ug/Kg	☼	10/08/25 06:11	10/09/25 13:12	1
1H,1H,2H,2H-Perfluorohexane sulfonic acid (4:2 FTS)	0.39	U	0.39	0.20	ug/Kg	☼	10/08/25 06:11	10/09/25 13:12	1
1H,1H,2H,2H-Perfluorooctane sulfonic acid (6:2 FTS)	0.39	U	0.39	0.20	ug/Kg	☼	10/08/25 06:11	10/09/25 13:12	1
1H,1H,2H,2H-Perfluorodecane sulfonic acid (8:2 FTS)	0.39	U	0.39	0.20	ug/Kg	☼	10/08/25 06:11	10/09/25 13:12	1
Perfluorooctanesulfonamide (PFOSA)	0.20	U	0.20	0.099	ug/Kg	☼	10/08/25 06:11	10/09/25 13:12	1
N-methylperfluorooctane sulfonamide (NMeFOSA)	0.20	U	0.20	0.099	ug/Kg	☼	10/08/25 06:11	10/09/25 13:12	1
N-ethylperfluorooctane sulfonamide (NEtFOSA)	0.20	U	0.20	0.099	ug/Kg	☼	10/08/25 06:11	10/09/25 13:12	1
N-methylperfluorooctanesulfonamidoacetic acid (NMeFOSAA)	0.20	U	0.20	0.099	ug/Kg	☼	10/08/25 06:11	10/09/25 13:12	1
N-ethylperfluorooctanesulfonamidoacetic acid (NEtFOSAA)	0.20	U	0.20	0.099	ug/Kg	☼	10/08/25 06:11	10/09/25 13:12	1
N-methylperfluorooctane sulfonamidoethanol (NMeFOSE)	0.99	U	0.99	0.49	ug/Kg	☼	10/08/25 06:11	10/09/25 13:12	1
N-ethylperfluorooctane sulfonamidoethanol (NEtFOSE)	0.99	U	0.99	0.49	ug/Kg	☼	10/08/25 06:11	10/09/25 13:12	1
Hexafluoropropylene Oxide Dimer Acid (HFPO-DA)	0.20	U	0.20	0.099	ug/Kg	☼	10/08/25 06:11	10/09/25 13:12	1
4,8-Dioxa-3H-perfluorononanoic acid (ADONA)	0.20	U	0.20	0.099	ug/Kg	☼	10/08/25 06:11	10/09/25 13:12	1
Perfluoro-3-methoxypropanoic acid (PFMPA)	0.20	U	0.20	0.099	ug/Kg	☼	10/08/25 06:11	10/09/25 13:12	1
Perfluoro-4-methoxybutanoic acid (PFMBA)	0.20	U	0.20	0.099	ug/Kg	☼	10/08/25 06:11	10/09/25 13:12	1
Nonafluoro-3,6-dioxaheptanoic acid (NFDHA)	0.20	U	0.20	0.099	ug/Kg	☼	10/08/25 06:11	10/09/25 13:12	1
9-Chlorohexadecafluoro-3-oxanonane-1-sulfonic acid (9Cl-PF3ONS)	0.20	U	0.20	0.099	ug/Kg	☼	10/08/25 06:11	10/09/25 13:12	1
11-Chloroeicosafluoro-3-oxaundecane-1-sulfonic acid (11Cl-PF3OUdS)	0.20	U	0.20	0.099	ug/Kg	☼	10/08/25 06:11	10/09/25 13:12	1
Perfluoro (2-ethoxyethane) sulfonic acid (PFEESA)	0.20	U	0.20	0.099	ug/Kg	☼	10/08/25 06:11	10/09/25 13:12	1
3-Perfluoropropylpropanoic acid (3:3 FTCA)	0.39	U	0.39	0.20	ug/Kg	☼	10/08/25 06:11	10/09/25 13:12	1
3-Perfluoropentylpropanoic acid (5:3 FTCA)	0.99	U	0.99	0.49	ug/Kg	☼	10/08/25 06:11	10/09/25 13:12	1
3-Perfluoroheptylpropanoic acid (7:3 FTCA)	0.99	U	0.99	0.49	ug/Kg	☼	10/08/25 06:11	10/09/25 13:12	1

Isotope Dilution	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
13C4 PFBA	*106*		*8 - 130*	*10/08/25 06:11*	*10/09/25 13:12*	*1*
13C5 PFPeA	*95.9*		*35 - 130*	*10/08/25 06:11*	*10/09/25 13:12*	*1*
13C5 PFHxA	*102*		*40 - 130*	*10/08/25 06:11*	*10/09/25 13:12*	*1*
13C4 PFHpA	*94.0*		*40 - 130*	*10/08/25 06:11*	*10/09/25 13:12*	*1*
13C8 PFOA	*99.2*		*40 - 130*	*10/08/25 06:11*	*10/09/25 13:12*	*1*
13C9 PFNA	*96.2*		*40 - 130*	*10/08/25 06:11*	*10/09/25 13:12*	*1*
13C6 PFDA	*91.2*		*40 - 130*	*10/08/25 06:11*	*10/09/25 13:12*	*1*
13C7 PFUnA	*86.4*		*40 - 130*	*10/08/25 06:11*	*10/09/25 13:12*	*1*
13C2 PFTeDA	*70.4*		*20 - 130*	*10/08/25 06:11*	*10/09/25 13:12*	*1*

Client Sample ID: 4D_7-14

Date Collected: 10/02/25 09:05
Date Received: 10/02/25 16:00

Lab Sample ID: 460-336309-14

Matrix: Solid
Percent Solids: 93.5

Method: EPA 1633A - Per- and Polyfluoroalkyl Substances by LC/MS/MS, 1633A (Continued)

Isotope Dilution	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
13C3 PFBS	105		40 - 135	10/08/25 06:11	10/09/25 13:12	1
13C3 PFHxS	93.0		40 - 130	10/08/25 06:11	10/09/25 13:12	1
13C8 PFOS	91.1		40 - 130	10/08/25 06:11	10/09/25 13:12	1
13C8 FOSA	95.2		40 - 130	10/08/25 06:11	10/09/25 13:12	1
d3-NMeFOSAA	88.0		40 - 135	10/08/25 06:11	10/09/25 13:12	1
d5-NEtFOSAA	78.7		40 - 150	10/08/25 06:11	10/09/25 13:12	1
13C2 4:2 FTS	114		40 - 165	10/08/25 06:11	10/09/25 13:12	1
13C2 6:2 FTS	115		40 - 215	10/08/25 06:11	10/09/25 13:12	1
13C2 8:2 FTS	145		40 - 275	10/08/25 06:11	10/09/25 13:12	1
13C3 HFPO-DA	88.0		40 - 130	10/08/25 06:11	10/09/25 13:12	1
d7-N-MeFOSE-M	69.7		20 - 130	10/08/25 06:11	10/09/25 13:12	1
d9-N-EtFOSE-M	59.6		15 - 130	10/08/25 06:11	10/09/25 13:12	1
d5-NEtPFOSA	82.3		10 - 130	10/08/25 06:11	10/09/25 13:12	1
d3-NMePFOSA	89.4		10 - 130	10/08/25 06:11	10/09/25 13:12	1
13C2 PFDoA	90.0		40 - 130	10/08/25 06:11	10/09/25 13:12	1

Method: SW846 6020B - Metals (ICP/MS)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Aluminum	6710		19.4	5.3	mg/Kg	☼	10/08/25 06:57	10/08/25 16:13	1
Antimony	0.54	J	0.97	0.14	mg/Kg	☼	10/08/25 06:57	10/08/25 16:13	1
Arsenic	5.5		0.97	0.10	mg/Kg	☼	10/08/25 06:57	10/08/25 16:13	1
Barium	48.2		1.9	0.14	mg/Kg	☼	10/08/25 06:57	10/08/25 16:13	1
Beryllium	0.47		0.39	0.021	mg/Kg	☼	10/08/25 06:57	10/08/25 16:13	1
Cadmium	0.16	J	0.97	0.11	mg/Kg	☼	10/08/25 06:57	10/08/25 16:13	1
Calcium	979		97.2	9.5	mg/Kg	☼	10/08/25 06:57	10/08/25 16:13	1
Chromium	14.3		1.9	0.29	mg/Kg	☼	10/08/25 06:57	10/08/25 16:13	1
Cobalt	7.7		0.97	0.14	mg/Kg	☼	10/08/25 06:57	10/08/25 16:13	1
Copper	33.8		1.9	0.36	mg/Kg	☼	10/08/25 06:57	10/08/25 16:13	1
Iron	14900		58.3	7.4	mg/Kg	☼	10/08/25 06:57	10/08/25 16:13	1
Lead	59.4		0.58	0.19	mg/Kg	☼	10/08/25 06:57	10/08/25 16:13	1
Magnesium	2050		97.2	9.9	mg/Kg	☼	10/08/25 06:57	10/08/25 16:13	1
Manganese	229		3.9	0.39	mg/Kg	☼	10/08/25 06:57	10/08/25 16:13	1
Nickel	13.1		1.9	0.17	mg/Kg	☼	10/08/25 06:57	10/08/25 16:13	1
Potassium	862		97.2	15.7	mg/Kg	☼	10/08/25 06:57	10/08/25 16:13	1
Selenium	0.33	J	1.2	0.12	mg/Kg	☼	10/08/25 06:57	10/08/25 16:13	1
Silver	0.16	J	0.39	0.087	mg/Kg	☼	10/08/25 06:57	10/08/25 16:13	1
Sodium	70.3	J	97.2	44.4	mg/Kg	☼	10/08/25 06:57	10/08/25 16:13	1
Thallium	0.089	J	0.39	0.040	mg/Kg	☼	10/08/25 06:57	10/08/25 16:13	1
Vanadium	20.2		1.9	0.20	mg/Kg	☼	10/08/25 06:57	10/08/25 16:13	1
Zinc	64.8		7.8	1.1	mg/Kg	☼	10/08/25 06:57	10/08/25 16:13	1

Method: SW846 7471B - Mercury (CVAA)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	0.033		0.018	0.0086	mg/Kg	☼	10/09/25 02:17	10/09/25 09:23	1

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Percent Moisture (EPA Moisture)	6.5		1.0	1.0	%			10/07/25 16:17	1
Percent Solids (EPA Moisture)	93.5		1.0	1.0	%			10/07/25 16:17	1

Client: Haley & Aldrich, Inc.
Project/Site: Former Port Mobil

Job ID: 460-336309-1

Client Sample ID: 4E_0-7
Date Collected: 10/02/25 09:10
Date Received: 10/02/25 16:00

Lab Sample ID: 460-336309-15
Matrix: Solid
Percent Solids: 94.7

Method: SW846 8270E - Semivolatile Organic Compounds (GC/MS)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1'-Biphenyl	0.35	U	0.35	0.012	mg/Kg	☼	10/05/25 13:28	10/06/25 11:22	1
1,2,4,5-Tetrachlorobenzene	0.35	U	0.35	0.011	mg/Kg	☼	10/05/25 13:28	10/06/25 11:22	1
1,4-Dioxane	0.035	U	0.035	0.030	mg/Kg	☼	10/05/25 13:28	10/06/25 11:22	1
2,2'-oxybis[1-chloropropane]	0.35	U	0.35	0.021	mg/Kg	☼	10/05/25 13:28	10/06/25 11:22	1
2,3,4,6-Tetrachlorophenol	0.35	U	0.35	0.024	mg/Kg	☼	10/05/25 13:28	10/06/25 11:22	1
2,4,5-Trichlorophenol	0.35	U	0.35	0.036	mg/Kg	☼	10/05/25 13:28	10/06/25 11:22	1
2,4,6-Trichlorophenol	0.14	U	0.14	0.045	mg/Kg	☼	10/05/25 13:28	10/06/25 11:22	1
2,4-Dichlorophenol	0.14	U	0.14	0.022	mg/Kg	☼	10/05/25 13:28	10/06/25 11:22	1
2,4-Dimethylphenol	0.35	U	0.35	0.042	mg/Kg	☼	10/05/25 13:28	10/06/25 11:22	1
2,4-Dinitrophenol	0.28	U	0.28	0.17	mg/Kg	☼	10/05/25 13:28	10/06/25 11:22	1
2,4-Dinitrotoluene	0.071	U	0.071	0.038	mg/Kg	☼	10/05/25 13:28	10/06/25 11:22	1
2,6-Dinitrotoluene	0.071	U	0.071	0.025	mg/Kg	☼	10/05/25 13:28	10/06/25 11:22	1
2-Chloronaphthalene	0.35	U	0.35	0.045	mg/Kg	☼	10/05/25 13:28	10/06/25 11:22	1
2-Chlorophenol	0.35	U	0.35	0.012	mg/Kg	☼	10/05/25 13:28	10/06/25 11:22	1
2-Methylnaphthalene	0.35	U *	0.35	0.0098	mg/Kg	☼	10/05/25 13:28	10/06/25 11:22	1
2-Methylphenol	0.35	U	0.35	0.013	mg/Kg	☼	10/05/25 13:28	10/06/25 11:22	1
2-Nitroaniline	0.35	U	0.35	0.027	mg/Kg	☼	10/05/25 13:28	10/06/25 11:22	1
2-Nitrophenol	0.35	U	0.35	0.035	mg/Kg	☼	10/05/25 13:28	10/06/25 11:22	1
3 & 4 Methylphenol	0.35	U	0.35	0.022	mg/Kg	☼	10/05/25 13:28	10/06/25 11:22	1
3,3'-Dichlorobenzidine	0.14	U	0.14	0.053	mg/Kg	☼	10/05/25 13:28	10/06/25 11:22	1
3-Nitroaniline	0.35	U	0.35	0.083	mg/Kg	☼	10/05/25 13:28	10/06/25 11:22	1
4,6-Dinitro-2-methylphenol	0.28	U *	0.28	0.14	mg/Kg	☼	10/05/25 13:28	10/06/25 11:22	1
4-Bromophenyl phenyl ether	0.35	U	0.35	0.014	mg/Kg	☼	10/05/25 13:28	10/06/25 11:22	1
4-Chloro-3-methylphenol	0.35	U	0.35	0.020	mg/Kg	☼	10/05/25 13:28	10/06/25 11:22	1
4-Chloroaniline	0.35	U	0.35	0.062	mg/Kg	☼	10/05/25 13:28	10/06/25 11:22	1
4-Chlorophenyl phenyl ether	0.35	U	0.35	0.012	mg/Kg	☼	10/05/25 13:28	10/06/25 11:22	1
4-Methylphenol	0.35	U	0.35	0.022	mg/Kg	☼	10/05/25 13:28	10/06/25 11:22	1
4-Nitroaniline	0.35	U	0.35	0.088	mg/Kg	☼	10/05/25 13:28	10/06/25 11:22	1
4-Nitrophenol	0.71	U	0.71	0.057	mg/Kg	☼	10/05/25 13:28	10/06/25 11:22	1
Acenaphthene	0.35	U	0.35	0.0099	mg/Kg	☼	10/05/25 13:28	10/06/25 11:22	1
Acenaphthylene	0.35	U	0.35	0.010	mg/Kg	☼	10/05/25 13:28	10/06/25 11:22	1
Acetophenone	0.35	U	0.35	0.017	mg/Kg	☼	10/05/25 13:28	10/06/25 11:22	1
Anthracene	0.35	U	0.35	0.011	mg/Kg	☼	10/05/25 13:28	10/06/25 11:22	1
Atrazine	0.14	U *	0.14	0.021	mg/Kg	☼	10/05/25 13:28	10/06/25 11:22	1
Benzaldehyde	0.35	U *	0.35	0.058	mg/Kg	☼	10/05/25 13:28	10/06/25 11:22	1
Benzo[a]anthracene	0.035	U	0.035	0.026	mg/Kg	☼	10/05/25 13:28	10/06/25 11:22	1
Benzo[a]pyrene	0.035	U	0.035	0.0093	mg/Kg	☼	10/05/25 13:28	10/06/25 11:22	1
Benzo[b]fluoranthene	0.035	U *	0.035	0.0090	mg/Kg	☼	10/05/25 13:28	10/06/25 11:22	1
Benzo[g,h,i]perylene	0.35	U	0.35	0.010	mg/Kg	☼	10/05/25 13:28	10/06/25 11:22	1
Benzo[k]fluoranthene	0.035	U	0.035	0.0068	mg/Kg	☼	10/05/25 13:28	10/06/25 11:22	1
Bis(2-chloroethoxy)methane	0.35	U	0.35	0.064	mg/Kg	☼	10/05/25 13:28	10/06/25 11:22	1
Bis(2-chloroethyl)ether	0.035	U	0.035	0.012	mg/Kg	☼	10/05/25 13:28	10/06/25 11:22	1
Bis(2-ethylhexyl) phthalate	0.35	U *	0.35	0.018	mg/Kg	☼	10/05/25 13:28	10/06/25 11:22	1
Butyl benzyl phthalate	0.35	U *	0.35	0.016	mg/Kg	☼	10/05/25 13:28	10/06/25 11:22	1
Caprolactam	0.35	U *	0.35	0.054	mg/Kg	☼	10/05/25 13:28	10/06/25 11:22	1
Carbazole	0.35	U	0.35	0.013	mg/Kg	☼	10/05/25 13:28	10/06/25 11:22	1
Chrysene	0.35	U	0.35	0.015	mg/Kg	☼	10/05/25 13:28	10/06/25 11:22	1
Dibenz(a,h)anthracene	0.035	U	0.035	0.015	mg/Kg	☼	10/05/25 13:28	10/06/25 11:22	1
Dibenzofuran	0.35	U	0.35	0.012	mg/Kg	☼	10/05/25 13:28	10/06/25 11:22	1

Client Sample ID: 4E_0-7
Date Collected: 10/02/25 09:10
Date Received: 10/02/25 16:00

Lab Sample ID: 460-336309-15
Matrix: Solid
Percent Solids: 94.7

Method: SW846 8270E - Semivolatile Organic Compounds (GC/MS) (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Diethyl phthalate	0.35	U	0.35	0.011	mg/Kg	☼	10/05/25 13:28	10/06/25 11:22	1
Dimethyl phthalate	0.35	U	0.35	0.079	mg/Kg	☼	10/05/25 13:28	10/06/25 11:22	1
Di-n-butyl phthalate	0.35	U *	0.35	0.013	mg/Kg	☼	10/05/25 13:28	10/06/25 11:22	1
Di-n-octyl phthalate	0.35	U *	0.35	0.018	mg/Kg	☼	10/05/25 13:28	10/06/25 11:22	1
Fluoranthene	0.35	U	0.35	0.012	mg/Kg	☼	10/05/25 13:28	10/06/25 11:22	1
Fluorene	0.35	U	0.35	0.010	mg/Kg	☼	10/05/25 13:28	10/06/25 11:22	1
Hexachlorobenzene	0.035	U	0.035	0.017	mg/Kg	☼	10/05/25 13:28	10/06/25 11:22	1
Hexachlorobutadiene	0.071	U	0.071	0.0074	mg/Kg	☼	10/05/25 13:28	10/06/25 11:22	1
Hexachlorocyclopentadiene	0.35	U	0.35	0.031	mg/Kg	☼	10/05/25 13:28	10/06/25 11:22	1
Hexachloroethane	0.035	U	0.035	0.012	mg/Kg	☼	10/05/25 13:28	10/06/25 11:22	1
Indeno[1,2,3-cd]pyrene	0.035	U	0.035	0.014	mg/Kg	☼	10/05/25 13:28	10/06/25 11:22	1
Isophorone	0.14	U	0.14	0.10	mg/Kg	☼	10/05/25 13:28	10/06/25 11:22	1
Naphthalene	0.35	U	0.35	0.0060	mg/Kg	☼	10/05/25 13:28	10/06/25 11:22	1
Nitrobenzene	0.035	U	0.035	0.019	mg/Kg	☼	10/05/25 13:28	10/06/25 11:22	1
N-Nitrosodi-n-propylamine	0.035	U	0.035	0.025	mg/Kg	☼	10/05/25 13:28	10/06/25 11:22	1
N-Nitrosodiphenylamine	0.35	U	0.35	0.029	mg/Kg	☼	10/05/25 13:28	10/06/25 11:22	1
Pentachlorophenol	0.28	U	0.28	0.071	mg/Kg	☼	10/05/25 13:28	10/06/25 11:22	1
Phenanthrene	0.35	U	0.35	0.014	mg/Kg	☼	10/05/25 13:28	10/06/25 11:22	1
Phenol	0.35	U	0.35	0.013	mg/Kg	☼	10/05/25 13:28	10/06/25 11:22	1
Pyrene	0.35	U	0.35	0.0087	mg/Kg	☼	10/05/25 13:28	10/06/25 11:22	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
2,4,6-Tribromophenol (Surr)	*82*		*18 - 137*	*10/05/25 13:28*	*10/06/25 11:22*	*1*
2-Fluorobiphenyl	*76*		*33 - 117*	*10/05/25 13:28*	*10/06/25 11:22*	*1*
2-Fluorophenol (Surr)	*81*		*24 - 120*	*10/05/25 13:28*	*10/06/25 11:22*	*1*
Nitrobenzene-d5 (Surr)	*78*		*27 - 120*	*10/05/25 13:28*	*10/06/25 11:22*	*1*
Phenol-d5 (Surr)	*78*		*28 - 118*	*10/05/25 13:28*	*10/06/25 11:22*	*1*
Terphenyl-d14 (Surr)	*81*		*33 - 124*	*10/05/25 13:28*	*10/06/25 11:22*	*1*

Method: SW846 8081B - Organochlorine Pesticides (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
4,4'-DDD	0.0071	U	0.0071	0.0012	mg/Kg	☼	10/05/25 16:16	10/06/25 12:53	1
4,4'-DDE	0.0071	U	0.0071	0.00083	mg/Kg	☼	10/05/25 16:16	10/06/25 12:53	1
4,4'-DDT	0.0071	U	0.0071	0.0013	mg/Kg	☼	10/05/25 16:16	10/06/25 12:53	1
Aldrin	0.0071	U	0.0071	0.0011	mg/Kg	☼	10/05/25 16:16	10/06/25 12:53	1
alpha-BHC	0.0021	U	0.0021	0.00072	mg/Kg	☼	10/05/25 16:16	10/06/25 12:53	1
beta-BHC	0.0021	U	0.0021	0.00079	mg/Kg	☼	10/05/25 16:16	10/06/25 12:53	1
Chlordane (technical)	0.071	U	0.071	0.017	mg/Kg	☼	10/05/25 16:16	10/06/25 12:53	1
cis-Chlordane	0.0071	U	0.0071	0.0011	mg/Kg	☼	10/05/25 16:16	10/06/25 12:53	1
delta-BHC	0.0021	U	0.0021	0.00043	mg/Kg	☼	10/05/25 16:16	10/06/25 12:53	1
Dieldrin	0.0021	U	0.0021	0.00092	mg/Kg	☼	10/05/25 16:16	10/06/25 12:53	1
Endosulfan I	0.0071	U	0.0071	0.0011	mg/Kg	☼	10/05/25 16:16	10/06/25 12:53	1
Endosulfan II	0.0071	U	0.0071	0.0018	mg/Kg	☼	10/05/25 16:16	10/06/25 12:53	1
Endosulfan sulfate	0.0071	U	0.0071	0.00089	mg/Kg	☼	10/05/25 16:16	10/06/25 12:53	1
Endrin	0.0071	U	0.0071	0.0010	mg/Kg	☼	10/05/25 16:16	10/06/25 12:53	1
Endrin aldehyde	0.0071	U	0.0071	0.0017	mg/Kg	☼	10/05/25 16:16	10/06/25 12:53	1
Endrin ketone	0.0071	U	0.0071	0.0014	mg/Kg	☼	10/05/25 16:16	10/06/25 12:53	1
gamma-BHC (Lindane)	0.0021	U	0.0021	0.00065	mg/Kg	☼	10/05/25 16:16	10/06/25 12:53	1
Heptachlor	0.0071	U	0.0071	0.00083	mg/Kg	☼	10/05/25 16:16	10/06/25 12:53	1
Heptachlor epoxide	0.0071	U	0.0071	0.0011	mg/Kg	☼	10/05/25 16:16	10/06/25 12:53	1

Client Sample ID: 4E_0-7
Date Collected: 10/02/25 09:10
Date Received: 10/02/25 16:00

Lab Sample ID: 460-336309-15
Matrix: Solid
Percent Solids: 94.7

Method: SW846 8081B - Organochlorine Pesticides (GC) (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Methoxychlor	0.0071	U	0.0071	0.0016	mg/Kg	☼	10/05/25 16:16	10/06/25 12:53	1
Toxaphene	0.071	U	0.071	0.026	mg/Kg	☼	10/05/25 16:16	10/06/25 12:53	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
DCB Decachlorobiphenyl	*99*		*10 - 150*	*10/05/25 16:16*	*10/06/25 12:53*	*1*
DCB Decachlorobiphenyl	*120*		*10 - 150*	*10/05/25 16:16*	*10/06/25 12:53*	*1*
Tetrachloro-m-xylene	*100*		*14 - 150*	*10/05/25 16:16*	*10/06/25 12:53*	*1*
Tetrachloro-m-xylene	*97*		*14 - 150*	*10/05/25 16:16*	*10/06/25 12:53*	*1*

Method: SW846 8082A - Polychlorinated Biphenyls (PCBs) by Gas Chromatography

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Aroclor 1016	0.071	U	0.071	0.019	mg/Kg	☼	10/05/25 15:56	10/06/25 23:32	1
Aroclor 1221	0.071	U	0.071	0.019	mg/Kg	☼	10/05/25 15:56	10/06/25 23:32	1
Aroclor 1232	0.071	U	0.071	0.019	mg/Kg	☼	10/05/25 15:56	10/06/25 23:32	1
Aroclor 1242	0.071	U	0.071	0.019	mg/Kg	☼	10/05/25 15:56	10/06/25 23:32	1
Aroclor 1248	0.071	U	0.071	0.019	mg/Kg	☼	10/05/25 15:56	10/06/25 23:32	1
Aroclor 1254	0.071	U	0.071	0.019	mg/Kg	☼	10/05/25 15:56	10/06/25 23:32	1
Aroclor 1260	0.071	U	0.071	0.019	mg/Kg	☼	10/05/25 15:56	10/06/25 23:32	1
Aroclor-1262	0.071	U	0.071	0.019	mg/Kg	☼	10/05/25 15:56	10/06/25 23:32	1
Aroclor 1268	0.071	U	0.071	0.019	mg/Kg	☼	10/05/25 15:56	10/06/25 23:32	1
Polychlorinated biphenyls, Total	0.071	U	0.071	0.019	mg/Kg	☼	10/05/25 15:56	10/06/25 23:32	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
DCB Decachlorobiphenyl	*115*		*10 - 150*	*10/05/25 15:56*	*10/06/25 23:32*	*1*
DCB Decachlorobiphenyl	*115*		*10 - 150*	*10/05/25 15:56*	*10/06/25 23:32*	*1*
Tetrachloro-m-xylene	*98*		*10 - 150*	*10/05/25 15:56*	*10/06/25 23:32*	*1*
Tetrachloro-m-xylene	*109*		*10 - 150*	*10/05/25 15:56*	*10/06/25 23:32*	*1*

Method: EPA 1633A - Per- and Polyfluoroalkyl Substances by LC/MS/MS, 1633A

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Perfluorobutanoic acid (PFBA)	0.40	U	0.40	0.10	ug/Kg	☼	10/10/25 08:29	10/10/25 22:21	1
Perfluoropentanoic acid (PFPeA)	0.20	U	0.20	0.10	ug/Kg	☼	10/10/25 08:29	10/10/25 22:21	1
Perfluorohexanoic acid (PFHxA)	0.20	U	0.20	0.10	ug/Kg	☼	10/10/25 08:29	10/10/25 22:21	1
Perfluoroheptanoic acid (PFHpA)	0.20	U	0.20	0.10	ug/Kg	☼	10/10/25 08:29	10/10/25 22:21	1
Perfluorooctanoic acid (PFOA)	**0.071**	**J**	0.20	0.060	ug/Kg	☼	10/10/25 08:29	10/10/25 22:21	1
Perfluorononanoic acid (PFNA)	**2.41**		0.20	0.10	ug/Kg	☼	10/10/25 08:29	10/10/25 22:21	1
Perfluorodecanoic acid (PFDA)	**0.11**	**J**	0.20	0.060	ug/Kg	☼	10/10/25 08:29	10/10/25 22:21	1
Perfluoroundecanoic acid (PFUnA)	**1.01**		0.20	0.10	ug/Kg	☼	10/10/25 08:29	10/10/25 22:21	1
Perfluorododecanoic acid (PFDoA)	0.20	U	0.20	0.10	ug/Kg	☼	10/10/25 08:29	10/10/25 22:21	1
Perfluorotridecanoic acid (PFTrDA)	**0.38**		0.20	0.10	ug/Kg	☼	10/10/25 08:29	10/10/25 22:21	1
Perfluorotetradecanoic acid (PFTeDA)	0.20	U	0.20	0.10	ug/Kg	☼	10/10/25 08:29	10/10/25 22:21	1
Perfluorobutanesulfonic acid (PFBS)	0.20	U	0.20	0.10	ug/Kg	☼	10/10/25 08:29	10/10/25 22:21	1
Perfluoropentanesulfonic acid (PFPeS)	0.20	U	0.20	0.10	ug/Kg	☼	10/10/25 08:29	10/10/25 22:21	1
Perfluorohexanesulfonic acid (PFHxS)	0.20	U	0.20	0.10	ug/Kg	☼	10/10/25 08:29	10/10/25 22:21	1
Perfluoroheptanesulfonic acid (PFHpS)	0.20	U	0.20	0.10	ug/Kg	☼	10/10/25 08:29	10/10/25 22:21	1
Perfluorooctanesulfonic acid (PFOS)	0.20	U	0.20	0.10	ug/Kg	☼	10/10/25 08:29	10/10/25 22:21	1
Perfluorononanesulfonic acid (PFNS)	0.20	U	0.20	0.10	ug/Kg	☼	10/10/25 08:29	10/10/25 22:21	1

Client Sample ID: 4E_0-7
Date Collected: 10/02/25 09:10
Date Received: 10/02/25 16:00

Lab Sample ID: 460-336309-15
Matrix: Solid
Percent Solids: 94.7

Method: EPA 1633A - Per- and Polyfluoroalkyl Substances by LC/MS/MS, 1633A (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Perfluorodecanesulfonic acid (PFDS)	0.20	U	0.20	0.10	ug/Kg	☼	10/10/25 08:29	10/10/25 22:21	1
Perfluorododecanesulfonic acid (PFDoS)	0.20	U	0.20	0.10	ug/Kg	☼	10/10/25 08:29	10/10/25 22:21	1
1H,1H,2H,2H-Perfluorohexane sulfonic acid (4:2 FTS)	0.40	U	0.40	0.20	ug/Kg	☼	10/10/25 08:29	10/10/25 22:21	1
1H,1H,2H,2H-Perfluorooctane sulfonic acid (6:2 FTS)	0.40	U	0.40	0.20	ug/Kg	☼	10/10/25 08:29	10/10/25 22:21	1
1H,1H,2H,2H-Perfluorodecane sulfonic acid (8:2 FTS)	0.40	U	0.40	0.20	ug/Kg	☼	10/10/25 08:29	10/10/25 22:21	1
Perfluorooctanesulfonamide (PFOSA)	0.20	U	0.20	0.10	ug/Kg	☼	10/10/25 08:29	10/10/25 22:21	1
N-methylperfluorooctane sulfonamide (NMeFOSA)	0.20	U	0.20	0.10	ug/Kg	☼	10/10/25 08:29	10/10/25 22:21	1
N-ethylperfluorooctane sulfonamide (NEtFOSA)	0.20	U	0.20	0.10	ug/Kg	☼	10/10/25 08:29	10/10/25 22:21	1
N-methylperfluorooctanesulfonamidoacetic acid (NMeFOSAA)	0.20	U	0.20	0.10	ug/Kg	☼	10/10/25 08:29	10/10/25 22:21	1
N-ethylperfluorooctanesulfonamidoacetic acid (NEtFOSAA)	0.20	U	0.20	0.10	ug/Kg	☼	10/10/25 08:29	10/10/25 22:21	1
N-methylperfluorooctane sulfonamidoethanol (NMeFOSE)	1.00	U	1.00	0.50	ug/Kg	☼	10/10/25 08:29	10/10/25 22:21	1
N-ethylperfluorooctane sulfonamidoethanol (NEtFOSE)	1.00	U	1.00	0.50	ug/Kg	☼	10/10/25 08:29	10/10/25 22:21	1
Hexafluoropropylene Oxide Dimer Acid (HFPO-DA)	0.20	U	0.20	0.10	ug/Kg	☼	10/10/25 08:29	10/10/25 22:21	1
4,8-Dioxa-3H-perfluorononanoic acid (ADONA)	0.20	U	0.20	0.10	ug/Kg	☼	10/10/25 08:29	10/10/25 22:21	1
Perfluoro-3-methoxypropanoic acid (PFMPA)	0.20	U	0.20	0.10	ug/Kg	☼	10/10/25 08:29	10/10/25 22:21	1
Perfluoro-4-methoxybutanoic acid (PFMBA)	0.20	U	0.20	0.10	ug/Kg	☼	10/10/25 08:29	10/10/25 22:21	1
Nonafluoro-3,6-dioxaheptanoic acid (NFDHA)	0.20	U	0.20	0.10	ug/Kg	☼	10/10/25 08:29	10/10/25 22:21	1
9-Chlorohexadecafluoro-3-oxanonane-1-sulfonic acid (9Cl-PF3ONS)	0.20	U	0.20	0.10	ug/Kg	☼	10/10/25 08:29	10/10/25 22:21	1
11-Chloroeicosafluoro-3-oxaundecane-1-sulfonic acid (11Cl-PF3OUdS)	0.20	U	0.20	0.10	ug/Kg	☼	10/10/25 08:29	10/10/25 22:21	1
Perfluoro (2-ethoxyethane) sulfonic acid (PFEESA)	0.20	U	0.20	0.10	ug/Kg	☼	10/10/25 08:29	10/10/25 22:21	1
3-Perfluoropropylpropanoic acid (3:3 FTCA)	0.40	U	0.40	0.20	ug/Kg	☼	10/10/25 08:29	10/10/25 22:21	1
3-Perfluoropentylpropanoic acid (5:3 FTCA)	1.00	U	1.00	0.50	ug/Kg	☼	10/10/25 08:29	10/10/25 22:21	1
3-Perfluoroheptylpropanoic acid (7:3 FTCA)	1.00	U	1.00	0.50	ug/Kg	☼	10/10/25 08:29	10/10/25 22:21	1

Isotope Dilution	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
13C4 PFBA	*80.1*		*8 - 130*	*10/10/25 08:29*	*10/10/25 22:21*	*1*
13C5 PFPeA	*87.3*		*35 - 130*	*10/10/25 08:29*	*10/10/25 22:21*	*1*
13C5 PFHxA	*79.5*		*40 - 130*	*10/10/25 08:29*	*10/10/25 22:21*	*1*
13C4 PFHpA	*83.2*		*40 - 130*	*10/10/25 08:29*	*10/10/25 22:21*	*1*
13C8 PFOA	*75.8*		*40 - 130*	*10/10/25 08:29*	*10/10/25 22:21*	*1*
13C9 PFNA	*79.0*		*40 - 130*	*10/10/25 08:29*	*10/10/25 22:21*	*1*
13C6 PFDA	*77.8*		*40 - 130*	*10/10/25 08:29*	*10/10/25 22:21*	*1*
13C7 PFUnA	*71.2*		*40 - 130*	*10/10/25 08:29*	*10/10/25 22:21*	*1*
13C2 PFTeDA	*51.9*		*20 - 130*	*10/10/25 08:29*	*10/10/25 22:21*	*1*

Client Sample ID: 4E_0-7
Date Collected: 10/02/25 09:10
Date Received: 10/02/25 16:00

Lab Sample ID: 460-336309-15
Matrix: Solid
Percent Solids: 94.7

Method: EPA 1633A - Per- and Polyfluoroalkyl Substances by LC/MS/MS, 1633A (Continued)

Isotope Dilution	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
13C3 PFBS	68.2		40 - 135	10/10/25 08:29	10/10/25 22:21	1
13C3 PFHxS	74.3		40 - 130	10/10/25 08:29	10/10/25 22:21	1
13C8 PFOS	74.9		40 - 130	10/10/25 08:29	10/10/25 22:21	1
13C8 FOSA	71.7		40 - 130	10/10/25 08:29	10/10/25 22:21	1
d3-NMeFOSAA	57.6		40 - 135	10/10/25 08:29	10/10/25 22:21	1
d5-NEtFOSAA	59.3		40 - 150	10/10/25 08:29	10/10/25 22:21	1
13C2 4:2 FTS	68.1		40 - 165	10/10/25 08:29	10/10/25 22:21	1
13C2 6:2 FTS	62.4		40 - 215	10/10/25 08:29	10/10/25 22:21	1
13C2 8:2 FTS	67.2		40 - 275	10/10/25 08:29	10/10/25 22:21	1
13C3 HFPO-DA	79.1		40 - 130	10/10/25 08:29	10/10/25 22:21	1
d7-N-MeFOSE-M	37.6		20 - 130	10/10/25 08:29	10/10/25 22:21	1
d9-N-EtFOSE-M	29.8		15 - 130	10/10/25 08:29	10/10/25 22:21	1
d5-NEtPFOSA	52.1		10 - 130	10/10/25 08:29	10/10/25 22:21	1
d3-NMePFOSA	57.7		10 - 130	10/10/25 08:29	10/10/25 22:21	1
13C2 PFDoA	64.4		40 - 130	10/10/25 08:29	10/10/25 22:21	1

Method: SW846 6020B - Metals (ICP/MS)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Aluminum	6600		19.2	5.3	mg/Kg	☼	10/08/25 06:57	10/08/25 16:16	1
Antimony	0.65	J	0.96	0.14	mg/Kg	☼	10/08/25 06:57	10/08/25 16:16	1
Arsenic	7.0		0.96	0.099	mg/Kg	☼	10/08/25 06:57	10/08/25 16:16	1
Barium	45.1		1.9	0.14	mg/Kg	☼	10/08/25 06:57	10/08/25 16:16	1
Beryllium	0.46		0.38	0.021	mg/Kg	☼	10/08/25 06:57	10/08/25 16:16	1
Cadmium	0.14	J	0.96	0.11	mg/Kg	☼	10/08/25 06:57	10/08/25 16:16	1
Calcium	1540		96.0	9.3	mg/Kg	☼	10/08/25 06:57	10/08/25 16:16	1
Chromium	12.3		1.9	0.29	mg/Kg	☼	10/08/25 06:57	10/08/25 16:16	1
Cobalt	5.5		0.96	0.14	mg/Kg	☼	10/08/25 06:57	10/08/25 16:16	1
Copper	32.2		1.9	0.35	mg/Kg	☼	10/08/25 06:57	10/08/25 16:16	1
Iron	14700		57.6	7.3	mg/Kg	☼	10/08/25 06:57	10/08/25 16:16	1
Lead	39.5		0.58	0.19	mg/Kg	☼	10/08/25 06:57	10/08/25 16:16	1
Magnesium	2310		96.0	9.8	mg/Kg	☼	10/08/25 06:57	10/08/25 16:16	1
Manganese	217		3.8	0.39	mg/Kg	☼	10/08/25 06:57	10/08/25 16:16	1
Nickel	10.8		1.9	0.17	mg/Kg	☼	10/08/25 06:57	10/08/25 16:16	1
Potassium	852		96.0	15.5	mg/Kg	☼	10/08/25 06:57	10/08/25 16:16	1
Selenium	0.46	J	1.2	0.12	mg/Kg	☼	10/08/25 06:57	10/08/25 16:16	1
Silver	0.21	J	0.38	0.085	mg/Kg	☼	10/08/25 06:57	10/08/25 16:16	1
Sodium	63.7	J	96.0	43.9	mg/Kg	☼	10/08/25 06:57	10/08/25 16:16	1
Thallium	0.088	J	0.38	0.039	mg/Kg	☼	10/08/25 06:57	10/08/25 16:16	1
Vanadium	20.7		1.9	0.20	mg/Kg	☼	10/08/25 06:57	10/08/25 16:16	1
Zinc	39.7		7.7	1.0	mg/Kg	☼	10/08/25 06:57	10/08/25 16:16	1

Method: SW846 7471B - Mercury (CVAA)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	0.036		0.017	0.0079	mg/Kg	☼	10/09/25 02:17	10/09/25 09:26	1

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Percent Moisture (EPA Moisture)	5.3		1.0	1.0	%			10/07/25 16:17	1
Percent Solids (EPA Moisture)	94.7		1.0	1.0	%			10/07/25 16:17	1

Client Sample ID: 4E_7-14
Date Collected: 10/02/25 09:15
Date Received: 10/02/25 16:00

Lab Sample ID: 460-336309-16
Matrix: Solid
Percent Solids: 92.7

Method: SW846 8270E - Semivolatile Organic Compounds (GC/MS)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1'-Biphenyl	0.36	U	0.36	0.012	mg/Kg	☼	10/05/25 13:28	10/06/25 11:40	1
1,2,4,5-Tetrachlorobenzene	0.36	U	0.36	0.011	mg/Kg	☼	10/05/25 13:28	10/06/25 11:40	1
1,4-Dioxane	0.036	U	0.036	0.031	mg/Kg	☼	10/05/25 13:28	10/06/25 11:40	1
2,2'-oxybis[1-chloropropane]	0.36	U	0.36	0.021	mg/Kg	☼	10/05/25 13:28	10/06/25 11:40	1
2,3,4,6-Tetrachlorophenol	0.36	U	0.36	0.024	mg/Kg	☼	10/05/25 13:28	10/06/25 11:40	1
2,4,5-Trichlorophenol	0.36	U	0.36	0.036	mg/Kg	☼	10/05/25 13:28	10/06/25 11:40	1
2,4,6-Trichlorophenol	0.14	U	0.14	0.046	mg/Kg	☼	10/05/25 13:28	10/06/25 11:40	1
2,4-Dichlorophenol	0.14	U	0.14	0.023	mg/Kg	☼	10/05/25 13:28	10/06/25 11:40	1
2,4-Dimethylphenol	0.36	U	0.36	0.043	mg/Kg	☼	10/05/25 13:28	10/06/25 11:40	1
2,4-Dinitrophenol	0.29	U	0.29	0.18	mg/Kg	☼	10/05/25 13:28	10/06/25 11:40	1
2,4-Dinitrotoluene	0.072	U	0.072	0.038	mg/Kg	☼	10/05/25 13:28	10/06/25 11:40	1
2,6-Dinitrotoluene	0.072	U	0.072	0.026	mg/Kg	☼	10/05/25 13:28	10/06/25 11:40	1
2-Chloronaphthalene	0.36	U	0.36	0.046	mg/Kg	☼	10/05/25 13:28	10/06/25 11:40	1
2-Chlorophenol	0.36	U	0.36	0.013	mg/Kg	☼	10/05/25 13:28	10/06/25 11:40	1
2-Methylnaphthalene	0.36	U *	0.36	0.010	mg/Kg	☼	10/05/25 13:28	10/06/25 11:40	1
2-Methylphenol	0.36	U	0.36	0.013	mg/Kg	☼	10/05/25 13:28	10/06/25 11:40	1
2-Nitroaniline	0.36	U	0.36	0.027	mg/Kg	☼	10/05/25 13:28	10/06/25 11:40	1
2-Nitrophenol	0.36	U	0.36	0.036	mg/Kg	☼	10/05/25 13:28	10/06/25 11:40	1
3 & 4 Methylphenol	0.36	U	0.36	0.022	mg/Kg	☼	10/05/25 13:28	10/06/25 11:40	1
3,3'-Dichlorobenzidine	0.14	U	0.14	0.054	mg/Kg	☼	10/05/25 13:28	10/06/25 11:40	1
3-Nitroaniline	0.36	U	0.36	0.085	mg/Kg	☼	10/05/25 13:28	10/06/25 11:40	1
4,6-Dinitro-2-methylphenol	0.29	U *	0.29	0.15	mg/Kg	☼	10/05/25 13:28	10/06/25 11:40	1
4-Bromophenyl phenyl ether	0.36	U	0.36	0.014	mg/Kg	☼	10/05/25 13:28	10/06/25 11:40	1
4-Chloro-3-methylphenol	0.36	U	0.36	0.020	mg/Kg	☼	10/05/25 13:28	10/06/25 11:40	1
4-Chloroaniline	0.36	U	0.36	0.063	mg/Kg	☼	10/05/25 13:28	10/06/25 11:40	1
4-Chlorophenyl phenyl ether	0.36	U	0.36	0.013	mg/Kg	☼	10/05/25 13:28	10/06/25 11:40	1
4-Methylphenol	0.36	U	0.36	0.022	mg/Kg	☼	10/05/25 13:28	10/06/25 11:40	1
4-Nitroaniline	0.36	U	0.36	0.091	mg/Kg	☼	10/05/25 13:28	10/06/25 11:40	1
4-Nitrophenol	0.72	U	0.72	0.058	mg/Kg	☼	10/05/25 13:28	10/06/25 11:40	1
Acenaphthene	0.36	U	0.36	0.010	mg/Kg	☼	10/05/25 13:28	10/06/25 11:40	1
Acenaphthylene	0.36	U	0.36	0.010	mg/Kg	☼	10/05/25 13:28	10/06/25 11:40	1
Acetophenone	0.36	U	0.36	0.018	mg/Kg	☼	10/05/25 13:28	10/06/25 11:40	1
Anthracene	0.36	U	0.36	0.011	mg/Kg	☼	10/05/25 13:28	10/06/25 11:40	1
Atrazine	0.14	U *	0.14	0.021	mg/Kg	☼	10/05/25 13:28	10/06/25 11:40	1
Benzaldehyde	0.36	U *	0.36	0.059	mg/Kg	☼	10/05/25 13:28	10/06/25 11:40	1
Benzo[a]anthracene	0.036	U	0.036	0.027	mg/Kg	☼	10/05/25 13:28	10/06/25 11:40	1
Benzo[a]pyrene	0.036	U	0.036	0.0095	mg/Kg	☼	10/05/25 13:28	10/06/25 11:40	1
Benzo[b]fluoranthene	0.036	U *	0.036	0.0092	mg/Kg	☼	10/05/25 13:28	10/06/25 11:40	1
Benzo[g,h,i]perylene	0.36	U	0.36	0.011	mg/Kg	☼	10/05/25 13:28	10/06/25 11:40	1
Benzo[k]fluoranthene	0.036	U	0.036	0.0070	mg/Kg	☼	10/05/25 13:28	10/06/25 11:40	1
Bis(2-chloroethoxy)methane	0.36	U	0.36	0.066	mg/Kg	☼	10/05/25 13:28	10/06/25 11:40	1
Bis(2-chloroethyl)ether	0.036	U	0.036	0.012	mg/Kg	☼	10/05/25 13:28	10/06/25 11:40	1
Bis(2-ethylhexyl) phthalate	0.36	U *	0.36	0.019	mg/Kg	☼	10/05/25 13:28	10/06/25 11:40	1
Butyl benzyl phthalate	0.36	U *	0.36	0.017	mg/Kg	☼	10/05/25 13:28	10/06/25 11:40	1
Caprolactam	0.36	U *	0.36	0.056	mg/Kg	☼	10/05/25 13:28	10/06/25 11:40	1
Carbazole	0.36	U	0.36	0.014	mg/Kg	☼	10/05/25 13:28	10/06/25 11:40	1
Chrysene	0.36	U	0.36	0.015	mg/Kg	☼	10/05/25 13:28	10/06/25 11:40	1
Dibenz(a,h)anthracene	0.036	U	0.036	0.015	mg/Kg	☼	10/05/25 13:28	10/06/25 11:40	1
Dibenzofuran	0.36	U	0.36	0.012	mg/Kg	☼	10/05/25 13:28	10/06/25 11:40	1

Client Sample ID: 4E_7-14
Date Collected: 10/02/25 09:15
Date Received: 10/02/25 16:00

Lab Sample ID: 460-336309-16
Matrix: Solid
Percent Solids: 92.7

Method: SW846 8270E - Semivolatile Organic Compounds (GC/MS) (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Diethyl phthalate	0.36	U	0.36	0.011	mg/Kg	☼	10/05/25 13:28	10/06/25 11:40	1
Dimethyl phthalate	0.36	U	0.36	0.081	mg/Kg	☼	10/05/25 13:28	10/06/25 11:40	1
Di-n-butyl phthalate	0.36	U *	0.36	0.013	mg/Kg	☼	10/05/25 13:28	10/06/25 11:40	1
Di-n-octyl phthalate	0.36	U *	0.36	0.019	mg/Kg	☼	10/05/25 13:28	10/06/25 11:40	1
Fluoranthene	0.36	U	0.36	0.012	mg/Kg	☼	10/05/25 13:28	10/06/25 11:40	1
Fluorene	0.36	U	0.36	0.010	mg/Kg	☼	10/05/25 13:28	10/06/25 11:40	1
Hexachlorobenzene	0.036	U	0.036	0.017	mg/Kg	☼	10/05/25 13:28	10/06/25 11:40	1
Hexachlorobutadiene	0.072	U	0.072	0.0076	mg/Kg	☼	10/05/25 13:28	10/06/25 11:40	1
Hexachlorocyclopentadiene	0.36	U	0.36	0.031	mg/Kg	☼	10/05/25 13:28	10/06/25 11:40	1
Hexachloroethane	0.036	U	0.036	0.012	mg/Kg	☼	10/05/25 13:28	10/06/25 11:40	1
Indeno[1,2,3-cd]pyrene	**0.021**	**J**	0.036	0.014	mg/Kg	☼	10/05/25 13:28	10/06/25 11:40	1
Isophorone	0.14	U	0.14	0.10	mg/Kg	☼	10/05/25 13:28	10/06/25 11:40	1
Naphthalene	0.36	U	0.36	0.0062	mg/Kg	☼	10/05/25 13:28	10/06/25 11:40	1
Nitrobenzene	0.036	U	0.036	0.020	mg/Kg	☼	10/05/25 13:28	10/06/25 11:40	1
N-Nitrosodi-n-propylamine	0.036	U	0.036	0.026	mg/Kg	☼	10/05/25 13:28	10/06/25 11:40	1
N-Nitrosodiphenylamine	0.36	U	0.36	0.029	mg/Kg	☼	10/05/25 13:28	10/06/25 11:40	1
Pentachlorophenol	0.29	U	0.29	0.073	mg/Kg	☼	10/05/25 13:28	10/06/25 11:40	1
Phenanthrene	0.36	U	0.36	0.015	mg/Kg	☼	10/05/25 13:28	10/06/25 11:40	1
Phenol	0.36	U	0.36	0.013	mg/Kg	☼	10/05/25 13:28	10/06/25 11:40	1
Pyrene	0.36	U	0.36	0.0089	mg/Kg	☼	10/05/25 13:28	10/06/25 11:40	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
2,4,6-Tribromophenol (Surr)	*91*		*18 - 137*	*10/05/25 13:28*	*10/06/25 11:40*	*1*
2-Fluorobiphenyl	*80*		*33 - 117*	*10/05/25 13:28*	*10/06/25 11:40*	*1*
2-Fluorophenol (Surr)	*83*		*24 - 120*	*10/05/25 13:28*	*10/06/25 11:40*	*1*
Nitrobenzene-d5 (Surr)	*80*		*27 - 120*	*10/05/25 13:28*	*10/06/25 11:40*	*1*
Phenol-d5 (Surr)	*80*		*28 - 118*	*10/05/25 13:28*	*10/06/25 11:40*	*1*
Terphenyl-d14 (Surr)	*89*		*33 - 124*	*10/05/25 13:28*	*10/06/25 11:40*	*1*

Method: SW846 8081B - Organochlorine Pesticides (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
4,4'-DDD	0.0072	U	0.0072	0.0012	mg/Kg	☼	10/05/25 16:16	10/06/25 13:05	1
4,4'-DDE	0.0072	U	0.0072	0.00085	mg/Kg	☼	10/05/25 16:16	10/06/25 13:05	1
4,4'-DDT	0.0072	U	0.0072	0.0013	mg/Kg	☼	10/05/25 16:16	10/06/25 13:05	1
Aldrin	0.0072	U	0.0072	0.0011	mg/Kg	☼	10/05/25 16:16	10/06/25 13:05	1
alpha-BHC	0.0022	U	0.0022	0.00073	mg/Kg	☼	10/05/25 16:16	10/06/25 13:05	1
beta-BHC	0.0022	U	0.0022	0.00081	mg/Kg	☼	10/05/25 16:16	10/06/25 13:05	1
Chlordane (technical)	0.072	U	0.072	0.017	mg/Kg	☼	10/05/25 16:16	10/06/25 13:05	1
cis-Chlordane	0.0072	U	0.0072	0.0011	mg/Kg	☼	10/05/25 16:16	10/06/25 13:05	1
delta-BHC	0.0022	U	0.0022	0.00044	mg/Kg	☼	10/05/25 16:16	10/06/25 13:05	1
Dieldrin	0.0022	U	0.0022	0.00094	mg/Kg	☼	10/05/25 16:16	10/06/25 13:05	1
Endosulfan I	0.0072	U	0.0072	0.0011	mg/Kg	☼	10/05/25 16:16	10/06/25 13:05	1
Endosulfan II	0.0072	U	0.0072	0.0019	mg/Kg	☼	10/05/25 16:16	10/06/25 13:05	1
Endosulfan sulfate	0.0072	U	0.0072	0.00091	mg/Kg	☼	10/05/25 16:16	10/06/25 13:05	1
Endrin	0.0072	U	0.0072	0.0010	mg/Kg	☼	10/05/25 16:16	10/06/25 13:05	1
Endrin aldehyde	0.0072	U	0.0072	0.0017	mg/Kg	☼	10/05/25 16:16	10/06/25 13:05	1
Endrin ketone	0.0072	U	0.0072	0.0014	mg/Kg	☼	10/05/25 16:16	10/06/25 13:05	1
gamma-BHC (Lindane)	0.0022	U	0.0022	0.00067	mg/Kg	☼	10/05/25 16:16	10/06/25 13:05	1
Heptachlor	0.0072	U	0.0072	0.00085	mg/Kg	☼	10/05/25 16:16	10/06/25 13:05	1
Heptachlor epoxide	0.0072	U	0.0072	0.0011	mg/Kg	☼	10/05/25 16:16	10/06/25 13:05	1

Client Sample ID: 4E_7-14
Date Collected: 10/02/25 09:15
Date Received: 10/02/25 16:00

Lab Sample ID: 460-336309-16
Matrix: Solid
Percent Solids: 92.7

Method: SW846 8081B - Organochlorine Pesticides (GC) (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Methoxychlor	0.0072	U	0.0072	0.0017	mg/Kg	☼	10/05/25 16:16	10/06/25 13:05	1
Toxaphene	0.072	U	0.072	0.026	mg/Kg	☼	10/05/25 16:16	10/06/25 13:05	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
DCB Decachlorobiphenyl	*102*		*10 - 150*	*10/05/25 16:16*	*10/06/25 13:05*	*1*
DCB Decachlorobiphenyl	*126*		*10 - 150*	*10/05/25 16:16*	*10/06/25 13:05*	*1*
Tetrachloro-m-xylene	*98*		*14 - 150*	*10/05/25 16:16*	*10/06/25 13:05*	*1*
Tetrachloro-m-xylene	*101*		*14 - 150*	*10/05/25 16:16*	*10/06/25 13:05*	*1*

Method: SW846 8082A - Polychlorinated Biphenyls (PCBs) by Gas Chromatography

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Aroclor 1016	0.072	U	0.072	0.019	mg/Kg	☼	10/05/25 15:56	10/06/25 23:49	1
Aroclor 1221	0.072	U	0.072	0.019	mg/Kg	☼	10/05/25 15:56	10/06/25 23:49	1
Aroclor 1232	0.072	U	0.072	0.019	mg/Kg	☼	10/05/25 15:56	10/06/25 23:49	1
Aroclor 1242	0.072	U	0.072	0.019	mg/Kg	☼	10/05/25 15:56	10/06/25 23:49	1
Aroclor 1248	0.072	U	0.072	0.019	mg/Kg	☼	10/05/25 15:56	10/06/25 23:49	1
Aroclor 1254	0.072	U	0.072	0.019	mg/Kg	☼	10/05/25 15:56	10/06/25 23:49	1
Aroclor 1260	0.072	U	0.072	0.019	mg/Kg	☼	10/05/25 15:56	10/06/25 23:49	1
Aroclor-1262	0.072	U	0.072	0.019	mg/Kg	☼	10/05/25 15:56	10/06/25 23:49	1
Aroclor 1268	0.072	U	0.072	0.019	mg/Kg	☼	10/05/25 15:56	10/06/25 23:49	1
Polychlorinated biphenyls, Total	0.072	U	0.072	0.019	mg/Kg	☼	10/05/25 15:56	10/06/25 23:49	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
DCB Decachlorobiphenyl	*116*		*10 - 150*	*10/05/25 15:56*	*10/06/25 23:49*	*1*
DCB Decachlorobiphenyl	*116*		*10 - 150*	*10/05/25 15:56*	*10/06/25 23:49*	*1*
Tetrachloro-m-xylene	*99*		*10 - 150*	*10/05/25 15:56*	*10/06/25 23:49*	*1*
Tetrachloro-m-xylene	*111*		*10 - 150*	*10/05/25 15:56*	*10/06/25 23:49*	*1*

Method: EPA 1633A - Per- and Polyfluoroalkyl Substances by LC/MS/MS, 1633A

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Perfluorobutanoic acid (PFBA)	0.40	U	0.40	0.099	ug/Kg	☼	10/08/25 06:11	10/09/25 13:40	1
Perfluoropentanoic acid (PFPeA)	0.20	U	0.20	0.099	ug/Kg	☼	10/08/25 06:11	10/09/25 13:40	1
Perfluorohexanoic acid (PFHxA)	0.20	U	0.20	0.099	ug/Kg	☼	10/08/25 06:11	10/09/25 13:40	1
Perfluoroheptanoic acid (PFHpA)	0.20	U	0.20	0.099	ug/Kg	☼	10/08/25 06:11	10/09/25 13:40	1
Perfluorooctanoic acid (PFOA)	0.20	U	0.20	0.060	ug/Kg	☼	10/08/25 06:11	10/09/25 13:40	1
Perfluorononanoic acid (PFNA)	**0.16**	**J**	0.20	0.099	ug/Kg	☼	10/08/25 06:11	10/09/25 13:40	1
Perfluorodecanoic acid (PFDA)	0.20	U	0.20	0.060	ug/Kg	☼	10/08/25 06:11	10/09/25 13:40	1
Perfluoroundecanoic acid (PFUnA)	**0.50**		0.20	0.099	ug/Kg	☼	10/08/25 06:11	10/09/25 13:40	1
Perfluorododecanoic acid (PFDoA)	0.20	U	0.20	0.099	ug/Kg	☼	10/08/25 06:11	10/09/25 13:40	1
Perfluorotridecanoic acid (PFTrDA)	**0.34**		0.20	0.099	ug/Kg	☼	10/08/25 06:11	10/09/25 13:40	1
Perfluorotetradecanoic acid (PFTeDA)	0.20	U	0.20	0.099	ug/Kg	☼	10/08/25 06:11	10/09/25 13:40	1
Perfluorobutanesulfonic acid (PFBS)	0.20	U	0.20	0.099	ug/Kg	☼	10/08/25 06:11	10/09/25 13:40	1
Perfluoropentanesulfonic acid (PFPeS)	0.20	U	0.20	0.099	ug/Kg	☼	10/08/25 06:11	10/09/25 13:40	1
Perfluorohexanesulfonic acid (PFHxS)	0.20	U	0.20	0.099	ug/Kg	☼	10/08/25 06:11	10/09/25 13:40	1
Perfluoroheptanesulfonic acid (PFHpS)	0.20	U	0.20	0.099	ug/Kg	☼	10/08/25 06:11	10/09/25 13:40	1
Perfluorooctanesulfonic acid (PFOS)	0.20	U	0.20	0.099	ug/Kg	☼	10/08/25 06:11	10/09/25 13:40	1
Perfluorononanesulfonic acid (PFNS)	0.20	U	0.20	0.099	ug/Kg	☼	10/08/25 06:11	10/09/25 13:40	1

Client Sample ID: 4E_7-14
Date Collected: 10/02/25 09:15
Date Received: 10/02/25 16:00

Lab Sample ID: 460-336309-16
Matrix: Solid
Percent Solids: 92.7

Method: EPA 1633A - Per- and Polyfluoroalkyl Substances by LC/MS/MS, 1633A (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Perfluorodecanesulfonic acid (PFDS)	0.20	U	0.20	0.099	ug/Kg	☼	10/08/25 06:11	10/09/25 13:40	1
Perfluorododecanesulfonic acid (PFDoS)	0.20	U	0.20	0.099	ug/Kg	☼	10/08/25 06:11	10/09/25 13:40	1
1H,1H,2H,2H-Perfluorohexane sulfonic acid (4:2 FTS)	0.40	U	0.40	0.20	ug/Kg	☼	10/08/25 06:11	10/09/25 13:40	1
1H,1H,2H,2H-Perfluorooctane sulfonic acid (6:2 FTS)	0.40	U	0.40	0.20	ug/Kg	☼	10/08/25 06:11	10/09/25 13:40	1
1H,1H,2H,2H-Perfluorodecane sulfonic acid (8:2 FTS)	0.40	U	0.40	0.20	ug/Kg	☼	10/08/25 06:11	10/09/25 13:40	1
Perfluorooctanesulfonamide (PFOSA)	0.20	U	0.20	0.099	ug/Kg	☼	10/08/25 06:11	10/09/25 13:40	1
N-methylperfluorooctane sulfonamide (NMeFOSA)	0.20	U	0.20	0.099	ug/Kg	☼	10/08/25 06:11	10/09/25 13:40	1
N-ethylperfluorooctane sulfonamide (NEtFOSA)	0.20	U	0.20	0.099	ug/Kg	☼	10/08/25 06:11	10/09/25 13:40	1
N-methylperfluorooctanesulfonamidoacetic acid (NMeFOSAA)	0.20	U	0.20	0.099	ug/Kg	☼	10/08/25 06:11	10/09/25 13:40	1
N-ethylperfluorooctanesulfonamidoacetic acid (NEtFOSAA)	0.20	U	0.20	0.099	ug/Kg	☼	10/08/25 06:11	10/09/25 13:40	1
N-methylperfluorooctane sulfonamidoethanol (NMeFOSE)	0.99	U	0.99	0.50	ug/Kg	☼	10/08/25 06:11	10/09/25 13:40	1
N-ethylperfluorooctane sulfonamidoethanol (NEtFOSE)	0.99	U	0.99	0.50	ug/Kg	☼	10/08/25 06:11	10/09/25 13:40	1
Hexafluoropropylene Oxide Dimer Acid (HFPO-DA)	0.20	U	0.20	0.099	ug/Kg	☼	10/08/25 06:11	10/09/25 13:40	1
4,8-Dioxa-3H-perfluorononanoic acid (ADONA)	0.20	U	0.20	0.099	ug/Kg	☼	10/08/25 06:11	10/09/25 13:40	1
Perfluoro-3-methoxypropanoic acid (PFMPA)	0.20	U	0.20	0.099	ug/Kg	☼	10/08/25 06:11	10/09/25 13:40	1
Perfluoro-4-methoxybutanoic acid (PFMBA)	0.20	U	0.20	0.099	ug/Kg	☼	10/08/25 06:11	10/09/25 13:40	1
Nonafluoro-3,6-dioxaheptanoic acid (NFDHA)	0.20	U	0.20	0.099	ug/Kg	☼	10/08/25 06:11	10/09/25 13:40	1
9-Chlorohexadecafluoro-3-oxanonane-1-sulfonic acid (9Cl-PF3ONS)	0.20	U	0.20	0.099	ug/Kg	☼	10/08/25 06:11	10/09/25 13:40	1
11-Chloroeicosafluoro-3-oxaundecane-1-sulfonic acid (11Cl-PF3OUdS)	0.20	U	0.20	0.099	ug/Kg	☼	10/08/25 06:11	10/09/25 13:40	1
Perfluoro (2-ethoxyethane) sulfonic acid (PFEESA)	0.20	U	0.20	0.099	ug/Kg	☼	10/08/25 06:11	10/09/25 13:40	1
3-Perfluoropropylpropanoic acid (3:3 FTCA)	0.40	U	0.40	0.20	ug/Kg	☼	10/08/25 06:11	10/09/25 13:40	1
3-Perfluoropentylpropanoic acid (5:3 FTCA)	0.99	U	0.99	0.50	ug/Kg	☼	10/08/25 06:11	10/09/25 13:40	1
3-Perfluoroheptylpropanoic acid (7:3 FTCA)	0.99	U	0.99	0.50	ug/Kg	☼	10/08/25 06:11	10/09/25 13:40	1

Isotope Dilution	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
13C4 PFBA	*103*		*8 - 130*	*10/08/25 06:11*	*10/09/25 13:40*	*1*
13C5 PFPeA	*105*		*35 - 130*	*10/08/25 06:11*	*10/09/25 13:40*	*1*
13C5 PFHxA	*102*		*40 - 130*	*10/08/25 06:11*	*10/09/25 13:40*	*1*
13C4 PFHpA	*103*		*40 - 130*	*10/08/25 06:11*	*10/09/25 13:40*	*1*
13C8 PFOA	*99.4*		*40 - 130*	*10/08/25 06:11*	*10/09/25 13:40*	*1*
13C9 PFNA	*104*		*40 - 130*	*10/08/25 06:11*	*10/09/25 13:40*	*1*
13C6 PFDA	*92.8*		*40 - 130*	*10/08/25 06:11*	*10/09/25 13:40*	*1*
13C7 PFUnA	*87.7*		*40 - 130*	*10/08/25 06:11*	*10/09/25 13:40*	*1*
13C2 PFTeDA	*66.1*		*20 - 130*	*10/08/25 06:11*	*10/09/25 13:40*	*1*

Client Sample ID: 4E_7-14

Date Collected: 10/02/25 09:15
Date Received: 10/02/25 16:00

Lab Sample ID: 460-336309-16

Matrix: Solid
Percent Solids: 92.7

Method: EPA 1633A - Per- and Polyfluoroalkyl Substances by LC/MS/MS, 1633A (Continued)

Isotope Dilution	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
13C3 PFBS	95.8		40 - 135	10/08/25 06:11	10/09/25 13:40	1
13C3 PFHxS	87.0		40 - 130	10/08/25 06:11	10/09/25 13:40	1
13C8 PFOS	91.9		40 - 130	10/08/25 06:11	10/09/25 13:40	1
13C8 FOSA	91.8		40 - 130	10/08/25 06:11	10/09/25 13:40	1
d3-NMeFOSAA	81.3		40 - 135	10/08/25 06:11	10/09/25 13:40	1
d5-NEtFOSAA	71.9		40 - 150	10/08/25 06:11	10/09/25 13:40	1
13C2 4:2 FTS	106		40 - 165	10/08/25 06:11	10/09/25 13:40	1
13C2 6:2 FTS	88.8		40 - 215	10/08/25 06:11	10/09/25 13:40	1
13C2 8:2 FTS	116		40 - 275	10/08/25 06:11	10/09/25 13:40	1
13C3 HFPO-DA	95.3		40 - 130	10/08/25 06:11	10/09/25 13:40	1
d7-N-MeFOSE-M	51.6		20 - 130	10/08/25 06:11	10/09/25 13:40	1
d9-N-EtFOSE-M	45.3		15 - 130	10/08/25 06:11	10/09/25 13:40	1
d5-NEtPFOSA	77.2		10 - 130	10/08/25 06:11	10/09/25 13:40	1
d3-NMePFOSA	86.5		10 - 130	10/08/25 06:11	10/09/25 13:40	1
13C2 PFDoA	84.1		40 - 130	10/08/25 06:11	10/09/25 13:40	1

Method: SW846 6020B - Metals (ICP/MS)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Aluminum	8070		20.0	5.5	mg/Kg	☼	10/08/25 06:57	10/08/25 16:19	1
Antimony	0.44	J	1.0	0.15	mg/Kg	☼	10/08/25 06:57	10/08/25 16:19	1
Arsenic	5.0		1.0	0.10	mg/Kg	☼	10/08/25 06:57	10/08/25 16:19	1
Barium	49.6		2.0	0.14	mg/Kg	☼	10/08/25 06:57	10/08/25 16:19	1
Beryllium	0.51		0.40	0.022	mg/Kg	☼	10/08/25 06:57	10/08/25 16:19	1
Cadmium	0.15	J	1.0	0.11	mg/Kg	☼	10/08/25 06:57	10/08/25 16:19	1
Calcium	1200		99.9	9.7	mg/Kg	☼	10/08/25 06:57	10/08/25 16:19	1
Chromium	14.6		2.0	0.30	mg/Kg	☼	10/08/25 06:57	10/08/25 16:19	1
Cobalt	6.1		1.0	0.15	mg/Kg	☼	10/08/25 06:57	10/08/25 16:19	1
Copper	27.7		2.0	0.37	mg/Kg	☼	10/08/25 06:57	10/08/25 16:19	1
Iron	15300		59.9	7.6	mg/Kg	☼	10/08/25 06:57	10/08/25 16:19	1
Lead	31.1		0.60	0.20	mg/Kg	☼	10/08/25 06:57	10/08/25 16:19	1
Magnesium	2420		99.9	10.2	mg/Kg	☼	10/08/25 06:57	10/08/25 16:19	1
Manganese	238		4.0	0.40	mg/Kg	☼	10/08/25 06:57	10/08/25 16:19	1
Nickel	13.2		2.0	0.18	mg/Kg	☼	10/08/25 06:57	10/08/25 16:19	1
Potassium	922		99.9	16.2	mg/Kg	☼	10/08/25 06:57	10/08/25 16:19	1
Selenium	0.27	J	1.2	0.13	mg/Kg	☼	10/08/25 06:57	10/08/25 16:19	1
Silver	0.13	J	0.40	0.089	mg/Kg	☼	10/08/25 06:57	10/08/25 16:19	1
Sodium	64.2	J	99.9	45.7	mg/Kg	☼	10/08/25 06:57	10/08/25 16:19	1
Thallium	0.094	J	0.40	0.041	mg/Kg	☼	10/08/25 06:57	10/08/25 16:19	1
Vanadium	22.0		2.0	0.21	mg/Kg	☼	10/08/25 06:57	10/08/25 16:19	1
Zinc	46.9		8.0	1.1	mg/Kg	☼	10/08/25 06:57	10/08/25 16:19	1

Method: SW846 7471B - Mercury (CVAA)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	0.026		0.016	0.0076	mg/Kg	☼	10/09/25 02:17	10/09/25 09:29	1

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Percent Moisture (EPA Moisture)	7.3		1.0	1.0	%			10/07/25 16:17	1
Percent Solids (EPA Moisture)	92.7		1.0	1.0	%			10/07/25 16:17	1

Client Sample ID: 4F_0-7
Date Collected: 10/02/25 09:20
Date Received: 10/02/25 16:00

Lab Sample ID: 460-336309-17
Matrix: Solid
Percent Solids: 92.4

Method: SW846 8270E - Semivolatile Organic Compounds (GC/MS)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1'-Biphenyl	0.36	U	0.36	0.012	mg/Kg	☼	10/05/25 13:28	10/06/25 11:57	1
1,2,4,5-Tetrachlorobenzene	0.36	U	0.36	0.011	mg/Kg	☼	10/05/25 13:28	10/06/25 11:57	1
1,4-Dioxane	0.036	U	0.036	0.031	mg/Kg	☼	10/05/25 13:28	10/06/25 11:57	1
2,2'-oxybis[1-chloropropane]	0.36	U	0.36	0.021	mg/Kg	☼	10/05/25 13:28	10/06/25 11:57	1
2,3,4,6-Tetrachlorophenol	0.36	U	0.36	0.024	mg/Kg	☼	10/05/25 13:28	10/06/25 11:57	1
2,4,5-Trichlorophenol	0.36	U	0.36	0.036	mg/Kg	☼	10/05/25 13:28	10/06/25 11:57	1
2,4,6-Trichlorophenol	0.14	U	0.14	0.046	mg/Kg	☼	10/05/25 13:28	10/06/25 11:57	1
2,4-Dichlorophenol	0.14	U	0.14	0.023	mg/Kg	☼	10/05/25 13:28	10/06/25 11:57	1
2,4-Dimethylphenol	0.36	U	0.36	0.043	mg/Kg	☼	10/05/25 13:28	10/06/25 11:57	1
2,4-Dinitrophenol	0.29	U	0.29	0.18	mg/Kg	☼	10/05/25 13:28	10/06/25 11:57	1
2,4-Dinitrotoluene	0.072	U	0.072	0.038	mg/Kg	☼	10/05/25 13:28	10/06/25 11:57	1
2,6-Dinitrotoluene	0.072	U	0.072	0.026	mg/Kg	☼	10/05/25 13:28	10/06/25 11:57	1
2-Chloronaphthalene	0.36	U	0.36	0.046	mg/Kg	☼	10/05/25 13:28	10/06/25 11:57	1
2-Chlorophenol	0.36	U	0.36	0.013	mg/Kg	☼	10/05/25 13:28	10/06/25 11:57	1
2-Methylnaphthalene	0.36	U *	0.36	0.010	mg/Kg	☼	10/05/25 13:28	10/06/25 11:57	1
2-Methylphenol	0.36	U	0.36	0.013	mg/Kg	☼	10/05/25 13:28	10/06/25 11:57	1
2-Nitroaniline	0.36	U	0.36	0.027	mg/Kg	☼	10/05/25 13:28	10/06/25 11:57	1
2-Nitrophenol	0.36	U	0.36	0.036	mg/Kg	☼	10/05/25 13:28	10/06/25 11:57	1
3 & 4 Methylphenol	0.36	U	0.36	0.022	mg/Kg	☼	10/05/25 13:28	10/06/25 11:57	1
3,3'-Dichlorobenzidine	0.14	U	0.14	0.054	mg/Kg	☼	10/05/25 13:28	10/06/25 11:57	1
3-Nitroaniline	0.36	U	0.36	0.085	mg/Kg	☼	10/05/25 13:28	10/06/25 11:57	1
4,6-Dinitro-2-methylphenol	0.29	U *	0.29	0.15	mg/Kg	☼	10/05/25 13:28	10/06/25 11:57	1
4-Bromophenyl phenyl ether	0.36	U	0.36	0.014	mg/Kg	☼	10/05/25 13:28	10/06/25 11:57	1
4-Chloro-3-methylphenol	0.36	U	0.36	0.020	mg/Kg	☼	10/05/25 13:28	10/06/25 11:57	1
4-Chloroaniline	0.36	U	0.36	0.063	mg/Kg	☼	10/05/25 13:28	10/06/25 11:57	1
4-Chlorophenyl phenyl ether	0.36	U	0.36	0.013	mg/Kg	☼	10/05/25 13:28	10/06/25 11:57	1
4-Methylphenol	0.36	U	0.36	0.022	mg/Kg	☼	10/05/25 13:28	10/06/25 11:57	1
4-Nitroaniline	0.36	U	0.36	0.090	mg/Kg	☼	10/05/25 13:28	10/06/25 11:57	1
4-Nitrophenol	0.72	U	0.72	0.058	mg/Kg	☼	10/05/25 13:28	10/06/25 11:57	1
Acenaphthene	0.36	U	0.36	0.010	mg/Kg	☼	10/05/25 13:28	10/06/25 11:57	1
Acenaphthylene	0.36	U	0.36	0.010	mg/Kg	☼	10/05/25 13:28	10/06/25 11:57	1
Acetophenone	0.36	U	0.36	0.018	mg/Kg	☼	10/05/25 13:28	10/06/25 11:57	1
Anthracene	0.36	U	0.36	0.011	mg/Kg	☼	10/05/25 13:28	10/06/25 11:57	1
Atrazine	0.14	U *	0.14	0.021	mg/Kg	☼	10/05/25 13:28	10/06/25 11:57	1
Benzaldehyde	0.36	U *	0.36	0.059	mg/Kg	☼	10/05/25 13:28	10/06/25 11:57	1
Benzo[a]anthracene	0.036	U	0.036	0.027	mg/Kg	☼	10/05/25 13:28	10/06/25 11:57	1
Benzo[a]pyrene	0.036	U	0.036	0.0095	mg/Kg	☼	10/05/25 13:28	10/06/25 11:57	1
Benzo[b]fluoranthene	0.036	U *	0.036	0.0092	mg/Kg	☼	10/05/25 13:28	10/06/25 11:57	1
Benzo[g,h,i]perylene	0.36	U	0.36	0.011	mg/Kg	☼	10/05/25 13:28	10/06/25 11:57	1
Benzo[k]fluoranthene	0.036	U	0.036	0.0070	mg/Kg	☼	10/05/25 13:28	10/06/25 11:57	1
Bis(2-chloroethoxy)methane	0.36	U	0.36	0.066	mg/Kg	☼	10/05/25 13:28	10/06/25 11:57	1
Bis(2-chloroethyl)ether	0.036	U	0.036	0.012	mg/Kg	☼	10/05/25 13:28	10/06/25 11:57	1
Bis(2-ethylhexyl) phthalate	0.36	U *	0.36	0.019	mg/Kg	☼	10/05/25 13:28	10/06/25 11:57	1
Butyl benzyl phthalate	0.36	U *	0.36	0.017	mg/Kg	☼	10/05/25 13:28	10/06/25 11:57	1
Caprolactam	0.36	U *	0.36	0.056	mg/Kg	☼	10/05/25 13:28	10/06/25 11:57	1
Carbazole	0.36	U	0.36	0.014	mg/Kg	☼	10/05/25 13:28	10/06/25 11:57	1
Chrysene	0.36	U	0.36	0.015	mg/Kg	☼	10/05/25 13:28	10/06/25 11:57	1
Dibenz(a,h)anthracene	0.036	U	0.036	0.015	mg/Kg	☼	10/05/25 13:28	10/06/25 11:57	1
Dibenzofuran	0.36	U	0.36	0.012	mg/Kg	☼	10/05/25 13:28	10/06/25 11:57	1

Client Sample ID: 4F_0-7

Date Collected: 10/02/25 09:20
Date Received: 10/02/25 16:00

Lab Sample ID: 460-336309-17

Matrix: Solid
Percent Solids: 92.4

Method: SW846 8270E - Semivolatile Organic Compounds (GC/MS) (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Diethyl phthalate	0.36	U	0.36	0.011	mg/Kg	☼	10/05/25 13:28	10/06/25 11:57	1
Dimethyl phthalate	0.36	U	0.36	0.081	mg/Kg	☼	10/05/25 13:28	10/06/25 11:57	1
Di-n-butyl phthalate	0.36	U *	0.36	0.013	mg/Kg	☼	10/05/25 13:28	10/06/25 11:57	1
Di-n-octyl phthalate	0.36	U *	0.36	0.019	mg/Kg	☼	10/05/25 13:28	10/06/25 11:57	1
Fluoranthene	0.36	U	0.36	0.012	mg/Kg	☼	10/05/25 13:28	10/06/25 11:57	1
Fluorene	0.36	U	0.36	0.010	mg/Kg	☼	10/05/25 13:28	10/06/25 11:57	1
Hexachlorobenzene	0.036	U	0.036	0.017	mg/Kg	☼	10/05/25 13:28	10/06/25 11:57	1
Hexachlorobutadiene	0.072	U	0.072	0.0076	mg/Kg	☼	10/05/25 13:28	10/06/25 11:57	1
Hexachlorocyclopentadiene	0.36	U	0.36	0.031	mg/Kg	☼	10/05/25 13:28	10/06/25 11:57	1
Hexachloroethane	0.036	U	0.036	0.012	mg/Kg	☼	10/05/25 13:28	10/06/25 11:57	1
Indeno[1,2,3-cd]pyrene	**0.021**	**J**	0.036	0.014	mg/Kg	☼	10/05/25 13:28	10/06/25 11:57	1
Isophorone	0.14	U	0.14	0.10	mg/Kg	☼	10/05/25 13:28	10/06/25 11:57	1
Naphthalene	0.36	U	0.36	0.0062	mg/Kg	☼	10/05/25 13:28	10/06/25 11:57	1
Nitrobenzene	0.036	U	0.036	0.020	mg/Kg	☼	10/05/25 13:28	10/06/25 11:57	1
N-Nitrosodi-n-propylamine	0.036	U	0.036	0.026	mg/Kg	☼	10/05/25 13:28	10/06/25 11:57	1
N-Nitrosodiphenylamine	0.36	U	0.36	0.029	mg/Kg	☼	10/05/25 13:28	10/06/25 11:57	1
Pentachlorophenol	0.29	U	0.29	0.073	mg/Kg	☼	10/05/25 13:28	10/06/25 11:57	1
Phenanthrene	0.36	U	0.36	0.015	mg/Kg	☼	10/05/25 13:28	10/06/25 11:57	1
Phenol	0.36	U	0.36	0.013	mg/Kg	☼	10/05/25 13:28	10/06/25 11:57	1
Pyrene	0.36	U	0.36	0.0089	mg/Kg	☼	10/05/25 13:28	10/06/25 11:57	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
2,4,6-Tribromophenol (Surr)	*87*		*18 - 137*	*10/05/25 13:28*	*10/06/25 11:57*	*1*
2-Fluorobiphenyl	*80*		*33 - 117*	*10/05/25 13:28*	*10/06/25 11:57*	*1*
2-Fluorophenol (Surr)	*85*		*24 - 120*	*10/05/25 13:28*	*10/06/25 11:57*	*1*
Nitrobenzene-d5 (Surr)	*82*		*27 - 120*	*10/05/25 13:28*	*10/06/25 11:57*	*1*
Phenol-d5 (Surr)	*81*		*28 - 118*	*10/05/25 13:28*	*10/06/25 11:57*	*1*
Terphenyl-d14 (Surr)	*87*		*33 - 124*	*10/05/25 13:28*	*10/06/25 11:57*	*1*

Method: SW846 8081B - Organochlorine Pesticides (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
4,4'-DDD	0.0073	U	0.0073	0.0012	mg/Kg	☼	10/05/25 16:16	10/06/25 13:18	1
4,4'-DDE	0.0073	U	0.0073	0.00086	mg/Kg	☼	10/05/25 16:16	10/06/25 13:18	1
4,4'-DDT	0.0073	U	0.0073	0.0013	mg/Kg	☼	10/05/25 16:16	10/06/25 13:18	1
Aldrin	0.0073	U	0.0073	0.0011	mg/Kg	☼	10/05/25 16:16	10/06/25 13:18	1
alpha-BHC	0.0022	U	0.0022	0.00074	mg/Kg	☼	10/05/25 16:16	10/06/25 13:18	1
beta-BHC	0.0022	U	0.0022	0.00081	mg/Kg	☼	10/05/25 16:16	10/06/25 13:18	1
Chlordane (technical)	0.073	U	0.073	0.018	mg/Kg	☼	10/05/25 16:16	10/06/25 13:18	1
cis-Chlordane	0.0073	U	0.0073	0.0011	mg/Kg	☼	10/05/25 16:16	10/06/25 13:18	1
delta-BHC	0.0022	U	0.0022	0.00044	mg/Kg	☼	10/05/25 16:16	10/06/25 13:18	1
Dieldrin	0.0022	U	0.0022	0.00094	mg/Kg	☼	10/05/25 16:16	10/06/25 13:18	1
Endosulfan I	0.0073	U	0.0073	0.0011	mg/Kg	☼	10/05/25 16:16	10/06/25 13:18	1
Endosulfan II	0.0073	U	0.0073	0.0019	mg/Kg	☼	10/05/25 16:16	10/06/25 13:18	1
Endosulfan sulfate	0.0073	U	0.0073	0.00091	mg/Kg	☼	10/05/25 16:16	10/06/25 13:18	1
Endrin	0.0073	U	0.0073	0.0010	mg/Kg	☼	10/05/25 16:16	10/06/25 13:18	1
Endrin aldehyde	0.0073	U	0.0073	0.0017	mg/Kg	☼	10/05/25 16:16	10/06/25 13:18	1
Endrin ketone	0.0073	U	0.0073	0.0014	mg/Kg	☼	10/05/25 16:16	10/06/25 13:18	1
gamma-BHC (Lindane)	0.0022	U	0.0022	0.00067	mg/Kg	☼	10/05/25 16:16	10/06/25 13:18	1
Heptachlor	0.0073	U	0.0073	0.00086	mg/Kg	☼	10/05/25 16:16	10/06/25 13:18	1
Heptachlor epoxide	0.0073	U	0.0073	0.0011	mg/Kg	☼	10/05/25 16:16	10/06/25 13:18	1

Client Sample ID: 4F_0-7
Date Collected: 10/02/25 09:20
Date Received: 10/02/25 16:00

Lab Sample ID: 460-336309-17
Matrix: Solid
Percent Solids: 92.4

Method: SW846 8081B - Organochlorine Pesticides (GC) (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Methoxychlor	0.0073	U	0.0073	0.0017	mg/Kg	☼	10/05/25 16:16	10/06/25 13:18	1
Toxaphene	0.073	U	0.073	0.026	mg/Kg	☼	10/05/25 16:16	10/06/25 13:18	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
DCB Decachlorobiphenyl	*87*		*10 - 150*	*10/05/25 16:16*	*10/06/25 13:18*	*1*
DCB Decachlorobiphenyl	*124*		*10 - 150*	*10/05/25 16:16*	*10/06/25 13:18*	*1*
Tetrachloro-m-xylene	*69*		*14 - 150*	*10/05/25 16:16*	*10/06/25 13:18*	*1*
Tetrachloro-m-xylene	*90*		*14 - 150*	*10/05/25 16:16*	*10/06/25 13:18*	*1*

Method: SW846 8082A - Polychlorinated Biphenyls (PCBs) by Gas Chromatography

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Aroclor 1016	0.073	U	0.073	0.019	mg/Kg	☼	10/05/25 15:56	10/07/25 00:06	1
Aroclor 1221	0.073	U	0.073	0.019	mg/Kg	☼	10/05/25 15:56	10/07/25 00:06	1
Aroclor 1232	0.073	U	0.073	0.019	mg/Kg	☼	10/05/25 15:56	10/07/25 00:06	1
Aroclor 1242	0.073	U	0.073	0.019	mg/Kg	☼	10/05/25 15:56	10/07/25 00:06	1
Aroclor 1248	0.073	U	0.073	0.019	mg/Kg	☼	10/05/25 15:56	10/07/25 00:06	1
Aroclor 1254	0.073	U	0.073	0.019	mg/Kg	☼	10/05/25 15:56	10/07/25 00:06	1
Aroclor 1260	0.073	U	0.073	0.019	mg/Kg	☼	10/05/25 15:56	10/07/25 00:06	1
Aroclor-1262	0.073	U	0.073	0.019	mg/Kg	☼	10/05/25 15:56	10/07/25 00:06	1
Aroclor 1268	0.073	U	0.073	0.019	mg/Kg	☼	10/05/25 15:56	10/07/25 00:06	1
Polychlorinated biphenyls, Total	0.073	U	0.073	0.019	mg/Kg	☼	10/05/25 15:56	10/07/25 00:06	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
DCB Decachlorobiphenyl	*98*		*10 - 150*	*10/05/25 15:56*	*10/07/25 00:06*	*1*
DCB Decachlorobiphenyl	*98*		*10 - 150*	*10/05/25 15:56*	*10/07/25 00:06*	*1*
Tetrachloro-m-xylene	*83*		*10 - 150*	*10/05/25 15:56*	*10/07/25 00:06*	*1*
Tetrachloro-m-xylene	*93*		*10 - 150*	*10/05/25 15:56*	*10/07/25 00:06*	*1*

Method: EPA 1633A - Per- and Polyfluoroalkyl Substances by LC/MS/MS, 1633A

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Perfluorobutanoic acid (PFBA)	0.40	U	0.40	0.10	ug/Kg	☼	10/08/25 06:11	10/09/25 13:53	1
Perfluoropentanoic acid (PFPeA)	0.20	U	0.20	0.10	ug/Kg	☼	10/08/25 06:11	10/09/25 13:53	1
Perfluorohexanoic acid (PFHxA)	0.20	U	0.20	0.10	ug/Kg	☼	10/08/25 06:11	10/09/25 13:53	1
Perfluoroheptanoic acid (PFHpA)	0.20	U	0.20	0.10	ug/Kg	☼	10/08/25 06:11	10/09/25 13:53	1
Perfluorooctanoic acid (PFOA)	0.20	U	0.20	0.060	ug/Kg	☼	10/08/25 06:11	10/09/25 13:53	1
Perfluorononanoic acid (PFNA)	0.20	U	0.20	0.10	ug/Kg	☼	10/08/25 06:11	10/09/25 13:53	1
Perfluorodecanoic acid (PFDA)	0.20	U	0.20	0.060	ug/Kg	☼	10/08/25 06:11	10/09/25 13:53	1
Perfluoroundecanoic acid (PFUnA)	**0.45**		0.20	0.10	ug/Kg	☼	10/08/25 06:11	10/09/25 13:53	1
Perfluorododecanoic acid (PFDoA)	0.20	U	0.20	0.10	ug/Kg	☼	10/08/25 06:11	10/09/25 13:53	1
Perfluorotridecanoic acid (PFTrDA)	**0.38**		0.20	0.10	ug/Kg	☼	10/08/25 06:11	10/09/25 13:53	1
Perfluorotetradecanoic acid (PFTeDA)	0.20	U	0.20	0.10	ug/Kg	☼	10/08/25 06:11	10/09/25 13:53	1
Perfluorobutanesulfonic acid (PFBS)	0.20	U	0.20	0.10	ug/Kg	☼	10/08/25 06:11	10/09/25 13:53	1
Perfluoropentanesulfonic acid (PFPeS)	0.20	U	0.20	0.10	ug/Kg	☼	10/08/25 06:11	10/09/25 13:53	1
Perfluorohexanesulfonic acid (PFHxS)	0.20	U	0.20	0.10	ug/Kg	☼	10/08/25 06:11	10/09/25 13:53	1
Perfluoroheptanesulfonic acid (PFHpS)	0.20	U	0.20	0.10	ug/Kg	☼	10/08/25 06:11	10/09/25 13:53	1
Perfluorooctanesulfonic acid (PFOS)	0.20	U	0.20	0.10	ug/Kg	☼	10/08/25 06:11	10/09/25 13:53	1
Perfluorononanesulfonic acid (PFNS)	0.20	U	0.20	0.10	ug/Kg	☼	10/08/25 06:11	10/09/25 13:53	1

Client Sample ID: 4F_0-7
Date Collected: 10/02/25 09:20
Date Received: 10/02/25 16:00

Lab Sample ID: 460-336309-17
Matrix: Solid
Percent Solids: 92.4

Method: EPA 1633A - Per- and Polyfluoroalkyl Substances by LC/MS/MS, 1633A (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Perfluorodecanesulfonic acid (PFDS)	0.20	U	0.20	0.10	ug/Kg	☼	10/08/25 06:11	10/09/25 13:53	1
Perfluorododecanesulfonic acid (PFDoS)	0.20	U	0.20	0.10	ug/Kg	☼	10/08/25 06:11	10/09/25 13:53	1
1H,1H,2H,2H-Perfluorohexane sulfonic acid (4:2 FTS)	0.40	U	0.40	0.20	ug/Kg	☼	10/08/25 06:11	10/09/25 13:53	1
1H,1H,2H,2H-Perfluorooctane sulfonic acid (6:2 FTS)	0.40	U	0.40	0.20	ug/Kg	☼	10/08/25 06:11	10/09/25 13:53	1
1H,1H,2H,2H-Perfluorodecane sulfonic acid (8:2 FTS)	0.40	U	0.40	0.20	ug/Kg	☼	10/08/25 06:11	10/09/25 13:53	1
Perfluorooctanesulfonamide (PFOSA)	0.20	U	0.20	0.10	ug/Kg	☼	10/08/25 06:11	10/09/25 13:53	1
N-methylperfluorooctane sulfonamide (NMeFOSA)	0.20	U	0.20	0.10	ug/Kg	☼	10/08/25 06:11	10/09/25 13:53	1
N-ethylperfluorooctane sulfonamide (NEtFOSA)	0.20	U	0.20	0.10	ug/Kg	☼	10/08/25 06:11	10/09/25 13:53	1
N-methylperfluorooctanesulfonamidoacetic acid (NMeFOSAA)	0.20	U	0.20	0.10	ug/Kg	☼	10/08/25 06:11	10/09/25 13:53	1
N-ethylperfluorooctanesulfonamidoacetic acid (NEtFOSAA)	0.20	U	0.20	0.10	ug/Kg	☼	10/08/25 06:11	10/09/25 13:53	1
N-methylperfluorooctane sulfonamidoethanol (NMeFOSE)	1.0	U	1.0	0.50	ug/Kg	☼	10/08/25 06:11	10/09/25 13:53	1
N-ethylperfluorooctane sulfonamidoethanol (NEtFOSE)	1.0	U	1.0	0.50	ug/Kg	☼	10/08/25 06:11	10/09/25 13:53	1
Hexafluoropropylene Oxide Dimer Acid (HFPO-DA)	0.20	U	0.20	0.10	ug/Kg	☼	10/08/25 06:11	10/09/25 13:53	1
4,8-Dioxa-3H-perfluorononanoic acid (ADONA)	0.20	U	0.20	0.10	ug/Kg	☼	10/08/25 06:11	10/09/25 13:53	1
Perfluoro-3-methoxypropanoic acid (PFMPA)	0.20	U	0.20	0.10	ug/Kg	☼	10/08/25 06:11	10/09/25 13:53	1
Perfluoro-4-methoxybutanoic acid (PFMBA)	0.20	U	0.20	0.10	ug/Kg	☼	10/08/25 06:11	10/09/25 13:53	1
Nonafluoro-3,6-dioxaheptanoic acid (NFDHA)	0.20	U	0.20	0.10	ug/Kg	☼	10/08/25 06:11	10/09/25 13:53	1
9-Chlorohexadecafluoro-3-oxanonane-1-sulfonic acid (9Cl-PF3ONS)	0.20	U	0.20	0.10	ug/Kg	☼	10/08/25 06:11	10/09/25 13:53	1
11-Chloroeicosafluoro-3-oxaundecane-1-sulfonic acid (11Cl-PF3OUdS)	0.20	U	0.20	0.10	ug/Kg	☼	10/08/25 06:11	10/09/25 13:53	1
Perfluoro (2-ethoxyethane) sulfonic acid (PFEESA)	0.20	U	0.20	0.10	ug/Kg	☼	10/08/25 06:11	10/09/25 13:53	1
3-Perfluoropropylpropanoic acid (3:3 FTCA)	0.40	U	0.40	0.20	ug/Kg	☼	10/08/25 06:11	10/09/25 13:53	1
3-Perfluoropentylpropanoic acid (5:3 FTCA)	1.0	U	1.0	0.50	ug/Kg	☼	10/08/25 06:11	10/09/25 13:53	1
3-Perfluoroheptylpropanoic acid (7:3 FTCA)	1.0	U	1.0	0.50	ug/Kg	☼	10/08/25 06:11	10/09/25 13:53	1

Isotope Dilution	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
13C4 PFBA	*97.7*		*8 - 130*	*10/08/25 06:11*	*10/09/25 13:53*	*1*
13C5 PFPeA	*94.1*		*35 - 130*	*10/08/25 06:11*	*10/09/25 13:53*	*1*
13C5 PFHxA	*93.7*		*40 - 130*	*10/08/25 06:11*	*10/09/25 13:53*	*1*
13C4 PFHpA	*87.3*		*40 - 130*	*10/08/25 06:11*	*10/09/25 13:53*	*1*
13C8 PFOA	*94.7*		*40 - 130*	*10/08/25 06:11*	*10/09/25 13:53*	*1*
13C9 PFNA	*92.6*		*40 - 130*	*10/08/25 06:11*	*10/09/25 13:53*	*1*
13C6 PFDA	*87.8*		*40 - 130*	*10/08/25 06:11*	*10/09/25 13:53*	*1*
13C7 PFUnA	*87.1*		*40 - 130*	*10/08/25 06:11*	*10/09/25 13:53*	*1*
13C2 PFTeDA	*72.7*		*20 - 130*	*10/08/25 06:11*	*10/09/25 13:53*	*1*

Client Sample ID: 4F_0-7
Date Collected: 10/02/25 09:20
Date Received: 10/02/25 16:00

Lab Sample ID: 460-336309-17
Matrix: Solid
Percent Solids: 92.4

Method: EPA 1633A - Per- and Polyfluoroalkyl Substances by LC/MS/MS, 1633A (Continued)

Isotope Dilution	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
13C3 PFBS	96.0		40 - 135	10/08/25 06:11	10/09/25 13:53	1
13C3 PFHxS	87.8		40 - 130	10/08/25 06:11	10/09/25 13:53	1
13C8 PFOS	91.4		40 - 130	10/08/25 06:11	10/09/25 13:53	1
13C8 FOSA	93.3		40 - 130	10/08/25 06:11	10/09/25 13:53	1
d3-NMeFOSAA	88.5		40 - 135	10/08/25 06:11	10/09/25 13:53	1
d5-NEtFOSAA	80.2		40 - 150	10/08/25 06:11	10/09/25 13:53	1
13C2 4:2 FTS	123		40 - 165	10/08/25 06:11	10/09/25 13:53	1
13C2 6:2 FTS	96.4		40 - 215	10/08/25 06:11	10/09/25 13:53	1
13C2 8:2 FTS	143		40 - 275	10/08/25 06:11	10/09/25 13:53	1
13C3 HFPO-DA	81.6		40 - 130	10/08/25 06:11	10/09/25 13:53	1
d7-N-MeFOSE-M	62.7		20 - 130	10/08/25 06:11	10/09/25 13:53	1
d9-N-EtFOSE-M	53.9		15 - 130	10/08/25 06:11	10/09/25 13:53	1
d5-NEtPFOSA	81.3		10 - 130	10/08/25 06:11	10/09/25 13:53	1
d3-NMePFOSA	84.1		10 - 130	10/08/25 06:11	10/09/25 13:53	1
13C2 PFDoA	89.9		40 - 130	10/08/25 06:11	10/09/25 13:53	1

Method: SW846 6020B - Metals (ICP/MS)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Aluminum	6900		20.6	5.7	mg/Kg	☼	10/08/25 06:57	10/08/25 16:22	1
Antimony	0.49	J	1.0	0.15	mg/Kg	☼	10/08/25 06:57	10/08/25 16:22	1
Arsenic	5.8		1.0	0.11	mg/Kg	☼	10/08/25 06:57	10/08/25 16:22	1
Barium	40.0		2.1	0.15	mg/Kg	☼	10/08/25 06:57	10/08/25 16:22	1
Beryllium	0.54		0.41	0.023	mg/Kg	☼	10/08/25 06:57	10/08/25 16:22	1
Cadmium	1.0	U	1.0	0.12	mg/Kg	☼	10/08/25 06:57	10/08/25 16:22	1
Calcium	954		103	10.0	mg/Kg	☼	10/08/25 06:57	10/08/25 16:22	1
Chromium	25.5		2.1	0.31	mg/Kg	☼	10/08/25 06:57	10/08/25 16:22	1
Cobalt	5.7		1.0	0.15	mg/Kg	☼	10/08/25 06:57	10/08/25 16:22	1
Copper	26.8		2.1	0.38	mg/Kg	☼	10/08/25 06:57	10/08/25 16:22	1
Iron	16500		61.9	7.9	mg/Kg	☼	10/08/25 06:57	10/08/25 16:22	1
Lead	20.3		0.62	0.21	mg/Kg	☼	10/08/25 06:57	10/08/25 16:22	1
Magnesium	2000		103	10.5	mg/Kg	☼	10/08/25 06:57	10/08/25 16:22	1
Manganese	108		4.1	0.42	mg/Kg	☼	10/08/25 06:57	10/08/25 16:22	1
Nickel	10.5		2.1	0.18	mg/Kg	☼	10/08/25 06:57	10/08/25 16:22	1
Potassium	748		103	16.7	mg/Kg	☼	10/08/25 06:57	10/08/25 16:22	1
Selenium	0.58	J	1.3	0.13	mg/Kg	☼	10/08/25 06:57	10/08/25 16:22	1
Silver	0.14	J	0.41	0.092	mg/Kg	☼	10/08/25 06:57	10/08/25 16:22	1
Sodium	62.2	J	103	47.1	mg/Kg	☼	10/08/25 06:57	10/08/25 16:22	1
Thallium	0.078	J	0.41	0.042	mg/Kg	☼	10/08/25 06:57	10/08/25 16:22	1
Vanadium	38.6		2.1	0.21	mg/Kg	☼	10/08/25 06:57	10/08/25 16:22	1
Zinc	36.3		8.2	1.1	mg/Kg	☼	10/08/25 06:57	10/08/25 16:22	1

Method: SW846 7471B - Mercury (CVAA)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	0.041		0.018	0.0082	mg/Kg	☼	10/09/25 02:17	10/09/25 09:32	1

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Percent Moisture (EPA Moisture)	7.6		1.0	1.0	%			10/07/25 16:17	1
Percent Solids (EPA Moisture)	92.4		1.0	1.0	%			10/07/25 16:17	1

Client Sample ID: 4F_7-14
Date Collected: 10/02/25 09:25
Date Received: 10/02/25 16:00

Lab Sample ID: 460-336309-18
Matrix: Solid
Percent Solids: 92.7

Method: SW846 8270E - Semivolatile Organic Compounds (GC/MS)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1'-Biphenyl	0.35	U	0.35	0.012	mg/Kg	☼	10/05/25 13:28	10/06/25 10:30	1
1,2,4,5-Tetrachlorobenzene	0.35	U	0.35	0.011	mg/Kg	☼	10/05/25 13:28	10/06/25 10:30	1
1,4-Dioxane	0.035	U	0.035	0.031	mg/Kg	☼	10/05/25 13:28	10/06/25 10:30	1
2,2'-oxybis[1-chloropropane]	0.35	U	0.35	0.021	mg/Kg	☼	10/05/25 13:28	10/06/25 10:30	1
2,3,4,6-Tetrachlorophenol	0.35	U	0.35	0.024	mg/Kg	☼	10/05/25 13:28	10/06/25 10:30	1
2,4,5-Trichlorophenol	0.35	U	0.35	0.036	mg/Kg	☼	10/05/25 13:28	10/06/25 10:30	1
2,4,6-Trichlorophenol	0.14	U	0.14	0.046	mg/Kg	☼	10/05/25 13:28	10/06/25 10:30	1
2,4-Dichlorophenol	0.14	U	0.14	0.023	mg/Kg	☼	10/05/25 13:28	10/06/25 10:30	1
2,4-Dimethylphenol	0.35	U	0.35	0.042	mg/Kg	☼	10/05/25 13:28	10/06/25 10:30	1
2,4-Dinitrophenol	0.29	U	0.29	0.17	mg/Kg	☼	10/05/25 13:28	10/06/25 10:30	1
2,4-Dinitrotoluene	0.072	U	0.072	0.038	mg/Kg	☼	10/05/25 13:28	10/06/25 10:30	1
2,6-Dinitrotoluene	0.072	U	0.072	0.026	mg/Kg	☼	10/05/25 13:28	10/06/25 10:30	1
2-Chloronaphthalene	0.35	U	0.35	0.046	mg/Kg	☼	10/05/25 13:28	10/06/25 10:30	1
2-Chlorophenol	0.35	U	0.35	0.013	mg/Kg	☼	10/05/25 13:28	10/06/25 10:30	1
2-Methylnaphthalene	0.35	U *	0.35	0.010	mg/Kg	☼	10/05/25 13:28	10/06/25 10:30	1
2-Methylphenol	0.35	U	0.35	0.013	mg/Kg	☼	10/05/25 13:28	10/06/25 10:30	1
2-Nitroaniline	0.35	U	0.35	0.027	mg/Kg	☼	10/05/25 13:28	10/06/25 10:30	1
2-Nitrophenol	0.35	U	0.35	0.036	mg/Kg	☼	10/05/25 13:28	10/06/25 10:30	1
3 & 4 Methylphenol	0.35	U	0.35	0.022	mg/Kg	☼	10/05/25 13:28	10/06/25 10:30	1
3,3'-Dichlorobenzidine	0.14	U	0.14	0.054	mg/Kg	☼	10/05/25 13:28	10/06/25 10:30	1
3-Nitroaniline	0.35	U	0.35	0.084	mg/Kg	☼	10/05/25 13:28	10/06/25 10:30	1
4,6-Dinitro-2-methylphenol	0.29	U *	0.29	0.15	mg/Kg	☼	10/05/25 13:28	10/06/25 10:30	1
4-Bromophenyl phenyl ether	0.35	U	0.35	0.014	mg/Kg	☼	10/05/25 13:28	10/06/25 10:30	1
4-Chloro-3-methylphenol	0.35	U	0.35	0.020	mg/Kg	☼	10/05/25 13:28	10/06/25 10:30	1
4-Chloroaniline	0.35	U	0.35	0.063	mg/Kg	☼	10/05/25 13:28	10/06/25 10:30	1
4-Chlorophenyl phenyl ether	0.35	U	0.35	0.013	mg/Kg	☼	10/05/25 13:28	10/06/25 10:30	1
4-Methylphenol	0.35	U	0.35	0.022	mg/Kg	☼	10/05/25 13:28	10/06/25 10:30	1
4-Nitroaniline	0.35	U	0.35	0.090	mg/Kg	☼	10/05/25 13:28	10/06/25 10:30	1
4-Nitrophenol	0.72	U	0.72	0.058	mg/Kg	☼	10/05/25 13:28	10/06/25 10:30	1
Acenaphthene	0.35	U	0.35	0.010	mg/Kg	☼	10/05/25 13:28	10/06/25 10:30	1
Acenaphthylene	0.35	U	0.35	0.010	mg/Kg	☼	10/05/25 13:28	10/06/25 10:30	1
Acetophenone	0.35	U	0.35	0.017	mg/Kg	☼	10/05/25 13:28	10/06/25 10:30	1
Anthracene	0.35	U	0.35	0.011	mg/Kg	☼	10/05/25 13:28	10/06/25 10:30	1
Atrazine	0.14	U *	0.14	0.021	mg/Kg	☼	10/05/25 13:28	10/06/25 10:30	1
Benzaldehyde	0.35	U *	0.35	0.059	mg/Kg	☼	10/05/25 13:28	10/06/25 10:30	1
Benzo[a]anthracene	0.035	U	0.035	0.027	mg/Kg	☼	10/05/25 13:28	10/06/25 10:30	1
Benzo[a]pyrene	**0.016**	**J**	0.035	0.0095	mg/Kg	☼	10/05/25 13:28	10/06/25 10:30	1
Benzo[b]fluoranthene	**0.020**	**J ***	0.035	0.0092	mg/Kg	☼	10/05/25 13:28	10/06/25 10:30	1
Benzo[g,h,i]perylene	**0.014**	**J**	0.35	0.010	mg/Kg	☼	10/05/25 13:28	10/06/25 10:30	1
Benzo[k]fluoranthene	**0.0078**	**J**	0.035	0.0070	mg/Kg	☼	10/05/25 13:28	10/06/25 10:30	1
Bis(2-chloroethoxy)methane	0.35	U	0.35	0.066	mg/Kg	☼	10/05/25 13:28	10/06/25 10:30	1
Bis(2-chloroethyl)ether	0.035	U	0.035	0.012	mg/Kg	☼	10/05/25 13:28	10/06/25 10:30	1
Bis(2-ethylhexyl) phthalate	0.35	U *	0.35	0.019	mg/Kg	☼	10/05/25 13:28	10/06/25 10:30	1
Butyl benzyl phthalate	0.35	U *	0.35	0.017	mg/Kg	☼	10/05/25 13:28	10/06/25 10:30	1
Caprolactam	0.35	U *	0.35	0.055	mg/Kg	☼	10/05/25 13:28	10/06/25 10:30	1
Carbazole	0.35	U	0.35	0.014	mg/Kg	☼	10/05/25 13:28	10/06/25 10:30	1
Chrysene	**0.019**	**J**	0.35	0.015	mg/Kg	☼	10/05/25 13:28	10/06/25 10:30	1
Dibenz(a,h)anthracene	0.035	U	0.035	0.015	mg/Kg	☼	10/05/25 13:28	10/06/25 10:30	1
Dibenzofuran	0.35	U	0.35	0.012	mg/Kg	☼	10/05/25 13:28	10/06/25 10:30	1

Client Sample ID: 4F_7-14
Date Collected: 10/02/25 09:25
Date Received: 10/02/25 16:00

Lab Sample ID: 460-336309-18
Matrix: Solid
Percent Solids: 92.7

Method: SW846 8270E - Semivolatile Organic Compounds (GC/MS) (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Diethyl phthalate	0.35	U	0.35	0.011	mg/Kg	☼	10/05/25 13:28	10/06/25 10:30	1
Dimethyl phthalate	0.35	U	0.35	0.081	mg/Kg	☼	10/05/25 13:28	10/06/25 10:30	1
Di-n-butyl phthalate	0.35	U *	0.35	0.013	mg/Kg	☼	10/05/25 13:28	10/06/25 10:30	1
Di-n-octyl phthalate	0.35	U *	0.35	0.019	mg/Kg	☼	10/05/25 13:28	10/06/25 10:30	1
Fluoranthene	**0.021**	**J**	0.35	0.012	mg/Kg	☼	10/05/25 13:28	10/06/25 10:30	1
Fluorene	0.35	U	0.35	0.010	mg/Kg	☼	10/05/25 13:28	10/06/25 10:30	1
Hexachlorobenzene	0.035	U	0.035	0.017	mg/Kg	☼	10/05/25 13:28	10/06/25 10:30	1
Hexachlorobutadiene	0.072	U	0.072	0.0076	mg/Kg	☼	10/05/25 13:28	10/06/25 10:30	1
Hexachlorocyclopentadiene	0.35	U	0.35	0.031	mg/Kg	☼	10/05/25 13:28	10/06/25 10:30	1
Hexachloroethane	0.035	U	0.035	0.012	mg/Kg	☼	10/05/25 13:28	10/06/25 10:30	1
Indeno[1,2,3-cd]pyrene	**0.030**	**J**	0.035	0.014	mg/Kg	☼	10/05/25 13:28	10/06/25 10:30	1
Isophorone	0.14	U	0.14	0.10	mg/Kg	☼	10/05/25 13:28	10/06/25 10:30	1
Naphthalene	0.35	U	0.35	0.0062	mg/Kg	☼	10/05/25 13:28	10/06/25 10:30	1
Nitrobenzene	0.035	U	0.035	0.020	mg/Kg	☼	10/05/25 13:28	10/06/25 10:30	1
N-Nitrosodi-n-propylamine	0.035	U	0.035	0.026	mg/Kg	☼	10/05/25 13:28	10/06/25 10:30	1
N-Nitrosodiphenylamine	0.35	U	0.35	0.029	mg/Kg	☼	10/05/25 13:28	10/06/25 10:30	1
Pentachlorophenol	0.29	U	0.29	0.073	mg/Kg	☼	10/05/25 13:28	10/06/25 10:30	1
Phenanthrene	0.35	U	0.35	0.015	mg/Kg	☼	10/05/25 13:28	10/06/25 10:30	1
Phenol	0.35	U	0.35	0.013	mg/Kg	☼	10/05/25 13:28	10/06/25 10:30	1
Pyrene	**0.022**	**J**	0.35	0.0089	mg/Kg	☼	10/05/25 13:28	10/06/25 10:30	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
2,4,6-Tribromophenol (Surr)	*87*		*18 - 137*	*10/05/25 13:28*	*10/06/25 10:30*	*1*
2-Fluorobiphenyl	*79*		*33 - 117*	*10/05/25 13:28*	*10/06/25 10:30*	*1*
2-Fluorophenol (Surr)	*82*		*24 - 120*	*10/05/25 13:28*	*10/06/25 10:30*	*1*
Nitrobenzene-d5 (Surr)	*80*		*27 - 120*	*10/05/25 13:28*	*10/06/25 10:30*	*1*
Phenol-d5 (Surr)	*79*		*28 - 118*	*10/05/25 13:28*	*10/06/25 10:30*	*1*
Terphenyl-d14 (Surr)	*86*		*33 - 124*	*10/05/25 13:28*	*10/06/25 10:30*	*1*

Method: SW846 8081B - Organochlorine Pesticides (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
4,4'-DDD	0.0072	U	0.0072	0.0012	mg/Kg	☼	10/05/25 16:16	10/06/25 13:30	1
4,4'-DDE	0.0072	U	0.0072	0.00085	mg/Kg	☼	10/05/25 16:16	10/06/25 13:30	1
4,4'-DDT	0.0072	U	0.0072	0.0013	mg/Kg	☼	10/05/25 16:16	10/06/25 13:30	1
Aldrin	0.0072	U	0.0072	0.0011	mg/Kg	☼	10/05/25 16:16	10/06/25 13:30	1
alpha-BHC	0.0022	U	0.0022	0.00073	mg/Kg	☼	10/05/25 16:16	10/06/25 13:30	1
beta-BHC	0.0022	U	0.0022	0.00081	mg/Kg	☼	10/05/25 16:16	10/06/25 13:30	1
Chlordane (technical)	0.072	U	0.072	0.017	mg/Kg	☼	10/05/25 16:16	10/06/25 13:30	1
cis-Chlordane	0.0072	U	0.0072	0.0011	mg/Kg	☼	10/05/25 16:16	10/06/25 13:30	1
delta-BHC	0.0022	U	0.0022	0.00044	mg/Kg	☼	10/05/25 16:16	10/06/25 13:30	1
Dieldrin	0.0022	U	0.0022	0.00094	mg/Kg	☼	10/05/25 16:16	10/06/25 13:30	1
Endosulfan I	0.0072	U	0.0072	0.0011	mg/Kg	☼	10/05/25 16:16	10/06/25 13:30	1
Endosulfan II	0.0072	U	0.0072	0.0019	mg/Kg	☼	10/05/25 16:16	10/06/25 13:30	1
Endosulfan sulfate	0.0072	U	0.0072	0.00091	mg/Kg	☼	10/05/25 16:16	10/06/25 13:30	1
Endrin	0.0072	U	0.0072	0.0010	mg/Kg	☼	10/05/25 16:16	10/06/25 13:30	1
Endrin aldehyde	0.0072	U	0.0072	0.0017	mg/Kg	☼	10/05/25 16:16	10/06/25 13:30	1
Endrin ketone	0.0072	U	0.0072	0.0014	mg/Kg	☼	10/05/25 16:16	10/06/25 13:30	1
gamma-BHC (Lindane)	0.0022	U	0.0022	0.00067	mg/Kg	☼	10/05/25 16:16	10/06/25 13:30	1
Heptachlor	0.0072	U	0.0072	0.00085	mg/Kg	☼	10/05/25 16:16	10/06/25 13:30	1
Heptachlor epoxide	0.0072	U	0.0072	0.0011	mg/Kg	☼	10/05/25 16:16	10/06/25 13:30	1

Client Sample ID: 4F_7-14
Date Collected: 10/02/25 09:25
Date Received: 10/02/25 16:00

Lab Sample ID: 460-336309-18
Matrix: Solid
Percent Solids: 92.7

Method: SW846 8081B - Organochlorine Pesticides (GC) (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Methoxychlor	0.0072	U	0.0072	0.0017	mg/Kg	☼	10/05/25 16:16	10/06/25 13:30	1
Toxaphene	0.072	U	0.072	0.026	mg/Kg	☼	10/05/25 16:16	10/06/25 13:30	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
DCB Decachlorobiphenyl	*82*		*10 - 150*	*10/05/25 16:16*	*10/06/25 13:30*	*1*
DCB Decachlorobiphenyl	*118*		*10 - 150*	*10/05/25 16:16*	*10/06/25 13:30*	*1*
Tetrachloro-m-xylene	*73*		*14 - 150*	*10/05/25 16:16*	*10/06/25 13:30*	*1*
Tetrachloro-m-xylene	*91*		*14 - 150*	*10/05/25 16:16*	*10/06/25 13:30*	*1*

Method: SW846 8082A - Polychlorinated Biphenyls (PCBs) by Gas Chromatography

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Aroclor 1016	0.072	U	0.072	0.019	mg/Kg	☼	10/05/25 15:56	10/07/25 00:22	1
Aroclor 1221	0.072	U	0.072	0.019	mg/Kg	☼	10/05/25 15:56	10/07/25 00:22	1
Aroclor 1232	0.072	U	0.072	0.019	mg/Kg	☼	10/05/25 15:56	10/07/25 00:22	1
Aroclor 1242	0.072	U	0.072	0.019	mg/Kg	☼	10/05/25 15:56	10/07/25 00:22	1
Aroclor 1248	0.072	U	0.072	0.019	mg/Kg	☼	10/05/25 15:56	10/07/25 00:22	1
Aroclor 1254	0.072	U	0.072	0.019	mg/Kg	☼	10/05/25 15:56	10/07/25 00:22	1
Aroclor 1260	0.072	U	0.072	0.019	mg/Kg	☼	10/05/25 15:56	10/07/25 00:22	1
Aroclor-1262	0.072	U	0.072	0.019	mg/Kg	☼	10/05/25 15:56	10/07/25 00:22	1
Aroclor 1268	0.072	U	0.072	0.019	mg/Kg	☼	10/05/25 15:56	10/07/25 00:22	1
Polychlorinated biphenyls, Total	0.072	U	0.072	0.019	mg/Kg	☼	10/05/25 15:56	10/07/25 00:22	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
DCB Decachlorobiphenyl	*109*		*10 - 150*	*10/05/25 15:56*	*10/07/25 00:22*	*1*
DCB Decachlorobiphenyl	*109*		*10 - 150*	*10/05/25 15:56*	*10/07/25 00:22*	*1*
Tetrachloro-m-xylene	*92*		*10 - 150*	*10/05/25 15:56*	*10/07/25 00:22*	*1*
Tetrachloro-m-xylene	*103*		*10 - 150*	*10/05/25 15:56*	*10/07/25 00:22*	*1*

Method: EPA 1633A - Per- and Polyfluoroalkyl Substances by LC/MS/MS, 1633A

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Perfluorobutanoic acid (PFBA)	0.39	U	0.39	0.099	ug/Kg	☼	10/08/25 06:11	10/09/25 14:07	1
Perfluoropentanoic acid (PFPeA)	0.20	U	0.20	0.099	ug/Kg	☼	10/08/25 06:11	10/09/25 14:07	1
Perfluorohexanoic acid (PFHxA)	0.20	U	0.20	0.099	ug/Kg	☼	10/08/25 06:11	10/09/25 14:07	1
Perfluoroheptanoic acid (PFHpA)	0.20	U	0.20	0.099	ug/Kg	☼	10/08/25 06:11	10/09/25 14:07	1
Perfluorooctanoic acid (PFOA)	**0.16**	**J**	0.20	0.059	ug/Kg	☼	10/08/25 06:11	10/09/25 14:07	1
Perfluorononanoic acid (PFNA)	**0.20**		0.20	0.099	ug/Kg	☼	10/08/25 06:11	10/09/25 14:07	1
Perfluorodecanoic acid (PFDA)	**0.093**	**J**	0.20	0.059	ug/Kg	☼	10/08/25 06:11	10/09/25 14:07	1
Perfluoroundecanoic acid (PFUnA)	**4.31**		0.20	0.099	ug/Kg	☼	10/08/25 06:11	10/09/25 14:07	1
Perfluorododecanoic acid (PFDoA)	0.20	U	0.20	0.099	ug/Kg	☼	10/08/25 06:11	10/09/25 14:07	1
Perfluorotridecanoic acid (PFTrDA)	**0.85**		0.20	0.099	ug/Kg	☼	10/08/25 06:11	10/09/25 14:07	1
Perfluorotetradecanoic acid (PFTeDA)	0.20	U	0.20	0.099	ug/Kg	☼	10/08/25 06:11	10/09/25 14:07	1
Perfluorobutanesulfonic acid (PFBS)	0.20	U	0.20	0.099	ug/Kg	☼	10/08/25 06:11	10/09/25 14:07	1
Perfluoropentanesulfonic acid (PFPeS)	0.20	U	0.20	0.099	ug/Kg	☼	10/08/25 06:11	10/09/25 14:07	1
Perfluorohexanesulfonic acid (PFHxS)	0.20	U	0.20	0.099	ug/Kg	☼	10/08/25 06:11	10/09/25 14:07	1
Perfluoroheptanesulfonic acid (PFHpS)	0.20	U	0.20	0.099	ug/Kg	☼	10/08/25 06:11	10/09/25 14:07	1
Perfluorooctanesulfonic acid (PFOS)	0.20	U	0.20	0.099	ug/Kg	☼	10/08/25 06:11	10/09/25 14:07	1
Perfluorononanesulfonic acid (PFNS)	0.20	U	0.20	0.099	ug/Kg	☼	10/08/25 06:11	10/09/25 14:07	1

Client Sample ID: 4F_7-14
Date Collected: 10/02/25 09:25
Date Received: 10/02/25 16:00

Lab Sample ID: 460-336309-18
Matrix: Solid
Percent Solids: 92.7

Method: EPA 1633A - Per- and Polyfluoroalkyl Substances by LC/MS/MS, 1633A (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Perfluorodecanesulfonic acid (PFDS)	0.20	U	0.20	0.099	ug/Kg	☼	10/08/25 06:11	10/09/25 14:07	1
Perfluorododecanesulfonic acid (PFDoS)	0.20	U	0.20	0.099	ug/Kg	☼	10/08/25 06:11	10/09/25 14:07	1
1H,1H,2H,2H-Perfluorohexane sulfonic acid (4:2 FTS)	0.39	U	0.39	0.20	ug/Kg	☼	10/08/25 06:11	10/09/25 14:07	1
1H,1H,2H,2H-Perfluorooctane sulfonic acid (6:2 FTS)	0.39	U	0.39	0.20	ug/Kg	☼	10/08/25 06:11	10/09/25 14:07	1
1H,1H,2H,2H-Perfluorodecane sulfonic acid (8:2 FTS)	0.39	U	0.39	0.20	ug/Kg	☼	10/08/25 06:11	10/09/25 14:07	1
Perfluorooctanesulfonamide (PFOSA)	0.20	U	0.20	0.099	ug/Kg	☼	10/08/25 06:11	10/09/25 14:07	1
N-methylperfluorooctane sulfonamide (NMeFOSA)	0.20	U	0.20	0.099	ug/Kg	☼	10/08/25 06:11	10/09/25 14:07	1
N-ethylperfluorooctane sulfonamide (NEtFOSA)	0.20	U	0.20	0.099	ug/Kg	☼	10/08/25 06:11	10/09/25 14:07	1
N-methylperfluorooctanesulfonamidoacetic acid (NMeFOSAA)	0.20	U	0.20	0.099	ug/Kg	☼	10/08/25 06:11	10/09/25 14:07	1
N-ethylperfluorooctanesulfonamidoacetic acid (NEtFOSAA)	0.20	U	0.20	0.099	ug/Kg	☼	10/08/25 06:11	10/09/25 14:07	1
N-methylperfluorooctane sulfonamidoethanol (NMeFOSE)	0.99	U	0.99	0.49	ug/Kg	☼	10/08/25 06:11	10/09/25 14:07	1
N-ethylperfluorooctane sulfonamidoethanol (NEtFOSE)	0.99	U	0.99	0.49	ug/Kg	☼	10/08/25 06:11	10/09/25 14:07	1
Hexafluoropropylene Oxide Dimer Acid (HFPO-DA)	**0.19**	**J**	0.20	0.099	ug/Kg	☼	10/08/25 06:11	10/09/25 14:07	1
4,8-Dioxa-3H-perfluorononanoic acid (ADONA)	0.20	U	0.20	0.099	ug/Kg	☼	10/08/25 06:11	10/09/25 14:07	1
Perfluoro-3-methoxypropanoic acid (PFMPA)	0.20	U	0.20	0.099	ug/Kg	☼	10/08/25 06:11	10/09/25 14:07	1
Perfluoro-4-methoxybutanoic acid (PFMBA)	0.20	U	0.20	0.099	ug/Kg	☼	10/08/25 06:11	10/09/25 14:07	1
Nonafluoro-3,6-dioxaheptanoic acid (NFDHA)	0.20	U	0.20	0.099	ug/Kg	☼	10/08/25 06:11	10/09/25 14:07	1
9-Chlorohexadecafluoro-3-oxanonane-1-sulfonic acid (9Cl-PF3ONS)	0.20	U	0.20	0.099	ug/Kg	☼	10/08/25 06:11	10/09/25 14:07	1
11-Chloroeicosafluoro-3-oxaundecane-1-sulfonic acid (11Cl-PF3OUdS)	0.20	U	0.20	0.099	ug/Kg	☼	10/08/25 06:11	10/09/25 14:07	1
Perfluoro (2-ethoxyethane) sulfonic acid (PFEESA)	0.20	U	0.20	0.099	ug/Kg	☼	10/08/25 06:11	10/09/25 14:07	1
3-Perfluoropropylpropanoic acid (3:3 FTCA)	0.39	U	0.39	0.20	ug/Kg	☼	10/08/25 06:11	10/09/25 14:07	1
3-Perfluoropentylpropanoic acid (5:3 FTCA)	0.99	U	0.99	0.49	ug/Kg	☼	10/08/25 06:11	10/09/25 14:07	1
3-Perfluoroheptylpropanoic acid (7:3 FTCA)	0.99	U	0.99	0.49	ug/Kg	☼	10/08/25 06:11	10/09/25 14:07	1

Isotope Dilution	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
13C4 PFBA	*102*		*8 - 130*	*10/08/25 06:11*	*10/09/25 14:07*	*1*
13C5 PFPeA	*101*		*35 - 130*	*10/08/25 06:11*	*10/09/25 14:07*	*1*
13C5 PFHxA	*99.9*		*40 - 130*	*10/08/25 06:11*	*10/09/25 14:07*	*1*
13C4 PFHpA	*94.4*		*40 - 130*	*10/08/25 06:11*	*10/09/25 14:07*	*1*
13C8 PFOA	*92.9*		*40 - 130*	*10/08/25 06:11*	*10/09/25 14:07*	*1*
13C9 PFNA	*97.4*		*40 - 130*	*10/08/25 06:11*	*10/09/25 14:07*	*1*
13C6 PFDA	*90.0*		*40 - 130*	*10/08/25 06:11*	*10/09/25 14:07*	*1*
13C7 PFUnA	*81.2*		*40 - 130*	*10/08/25 06:11*	*10/09/25 14:07*	*1*
13C2 PFTeDA	*53.3*		*20 - 130*	*10/08/25 06:11*	*10/09/25 14:07*	*1*

Client Sample ID: 4F_7-14

Date Collected: 10/02/25 09:25
Date Received: 10/02/25 16:00

Lab Sample ID: 460-336309-18

Matrix: Solid
Percent Solids: 92.7

Method: EPA 1633A - Per- and Polyfluoroalkyl Substances by LC/MS/MS, 1633A (Continued)

Isotope Dilution	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
13C3 PFBS	105		40 - 135	10/08/25 06:11	10/09/25 14:07	1
13C3 PFHxS	88.4		40 - 130	10/08/25 06:11	10/09/25 14:07	1
13C8 PFOS	90.8		40 - 130	10/08/25 06:11	10/09/25 14:07	1
13C8 FOSA	90.6		40 - 130	10/08/25 06:11	10/09/25 14:07	1
d3-NMeFOSAA	85.4		40 - 135	10/08/25 06:11	10/09/25 14:07	1
d5-NEtFOSAA	67.0		40 - 150	10/08/25 06:11	10/09/25 14:07	1
13C2 4:2 FTS	121		40 - 165	10/08/25 06:11	10/09/25 14:07	1
13C2 6:2 FTS	101		40 - 215	10/08/25 06:11	10/09/25 14:07	1
13C2 8:2 FTS	126		40 - 275	10/08/25 06:11	10/09/25 14:07	1
13C3 HFPO-DA	91.0		40 - 130	10/08/25 06:11	10/09/25 14:07	1
d7-N-MeFOSE-M	42.7		20 - 130	10/08/25 06:11	10/09/25 14:07	1
d9-N-EtFOSE-M	35.9		15 - 130	10/08/25 06:11	10/09/25 14:07	1
d5-NEtPFOSA	70.0		10 - 130	10/08/25 06:11	10/09/25 14:07	1
d3-NMePFOSA	78.4		10 - 130	10/08/25 06:11	10/09/25 14:07	1
13C2 PFDoA	77.2		40 - 130	10/08/25 06:11	10/09/25 14:07	1

Method: SW846 6020B - Metals (ICP/MS)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Aluminum	5680		19.3	5.3	mg/Kg	☼	10/08/25 06:57	10/08/25 16:25	1
Antimony	0.40	J	0.96	0.14	mg/Kg	☼	10/08/25 06:57	10/08/25 16:25	1
Arsenic	4.0		0.96	0.099	mg/Kg	☼	10/08/25 06:57	10/08/25 16:25	1
Barium	38.6		1.9	0.14	mg/Kg	☼	10/08/25 06:57	10/08/25 16:25	1
Beryllium	0.41		0.39	0.021	mg/Kg	☼	10/08/25 06:57	10/08/25 16:25	1
Cadmium	0.16	J	0.96	0.11	mg/Kg	☼	10/08/25 06:57	10/08/25 16:25	1
Calcium	799		96.3	9.4	mg/Kg	☼	10/08/25 06:57	10/08/25 16:25	1
Chromium	11.7		1.9	0.29	mg/Kg	☼	10/08/25 06:57	10/08/25 16:25	1
Cobalt	5.3		0.96	0.14	mg/Kg	☼	10/08/25 06:57	10/08/25 16:25	1
Copper	25.3		1.9	0.35	mg/Kg	☼	10/08/25 06:57	10/08/25 16:25	1
Iron	12400		57.8	7.4	mg/Kg	☼	10/08/25 06:57	10/08/25 16:25	1
Lead	25.5		0.58	0.19	mg/Kg	☼	10/08/25 06:57	10/08/25 16:25	1
Magnesium	1560		96.3	9.8	mg/Kg	☼	10/08/25 06:57	10/08/25 16:25	1
Manganese	164		3.9	0.39	mg/Kg	☼	10/08/25 06:57	10/08/25 16:25	1
Nickel	9.8		1.9	0.17	mg/Kg	☼	10/08/25 06:57	10/08/25 16:25	1
Potassium	678		96.3	15.6	mg/Kg	☼	10/08/25 06:57	10/08/25 16:25	1
Selenium	0.27	J	1.2	0.12	mg/Kg	☼	10/08/25 06:57	10/08/25 16:25	1
Silver	0.11	J	0.39	0.086	mg/Kg	☼	10/08/25 06:57	10/08/25 16:25	1
Sodium	53.0	J	96.3	44.0	mg/Kg	☼	10/08/25 06:57	10/08/25 16:25	1
Thallium	0.062	J	0.39	0.039	mg/Kg	☼	10/08/25 06:57	10/08/25 16:25	1
Vanadium	18.8		1.9	0.20	mg/Kg	☼	10/08/25 06:57	10/08/25 16:25	1
Zinc	40.2		7.7	1.0	mg/Kg	☼	10/08/25 06:57	10/08/25 16:25	1

Method: SW846 7471B - Mercury (CVAA)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	0.023		0.018	0.0085	mg/Kg	☼	10/09/25 02:17	10/09/25 09:34	1

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Percent Moisture (EPA Moisture)	7.3		1.0	1.0	%			10/07/25 16:17	1
Percent Solids (EPA Moisture)	92.7		1.0	1.0	%			10/07/25 16:17	1

Client: Haley & Aldrich, Inc.
Project/Site: Former Port Mobil

Job ID: 460-336309-1

Client Sample ID: 6D1_1-2
Date Collected: 10/02/25 09:30
Date Received: 10/02/25 16:00

Lab Sample ID: 460-336309-19
Matrix: Solid
Percent Solids: 94.1

Method: SW846 8260D - Volatile Organic Compounds by GC/MS

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1-Trichloroethane	0.0017	U	0.0017	0.00041	mg/Kg	☼	10/06/25 07:07	10/07/25 09:04	1
1,1,2,2-Tetrachloroethane	0.0017	U	0.0017	0.00091	mg/Kg	☼	10/06/25 07:07	10/07/25 09:04	1
1,1,2-Trichloro-1,2,2-trifluoroethane	0.0017	U	0.0017	0.00052	mg/Kg	☼	10/06/25 07:07	10/07/25 09:04	1
1,1,2-Trichloroethane	0.0017	U	0.0017	0.0010	mg/Kg	☼	10/06/25 07:07	10/07/25 09:04	1
1,1-Dichloroethane	0.0017	U	0.0017	0.0010	mg/Kg	☼	10/06/25 07:07	10/07/25 09:04	1
1,1-Dichloroethene	0.0017	U	0.0017	0.00039	mg/Kg	☼	10/06/25 07:07	10/07/25 09:04	1
1,2,3-Trichlorobenzene	0.0017	U	0.0017	0.0013	mg/Kg	☼	10/06/25 07:07	10/07/25 09:04	1
1,2,4-Trichlorobenzene	0.0017	U	0.0017	0.00062	mg/Kg	☼	10/06/25 07:07	10/07/25 09:04	1
1,2,4-Trimethylbenzene	0.0017	U	0.0017	0.00043	mg/Kg	☼	10/06/25 07:07	10/07/25 09:04	1
1,2-Dibromo-3-Chloropropane	0.0017	U	0.0017	0.00080	mg/Kg	☼	10/06/25 07:07	10/07/25 09:04	1
1,2-Dichlorobenzene	0.0017	U	0.0017	0.00063	mg/Kg	☼	10/06/25 07:07	10/07/25 09:04	1
1,2-Dichloroethane	0.0017	U	0.0017	0.00052	mg/Kg	☼	10/06/25 07:07	10/07/25 09:04	1
1,2-Dichloropropane	0.0017	U	0.0017	0.00074	mg/Kg	☼	10/06/25 07:07	10/07/25 09:04	1
1,3,5-Trimethylbenzene	0.0017	U	0.0017	0.00055	mg/Kg	☼	10/06/25 07:07	10/07/25 09:04	1
1,3-Dichlorobenzene	0.0017	U	0.0017	0.00064	mg/Kg	☼	10/06/25 07:07	10/07/25 09:04	1
1,4-Dichlorobenzene	0.0017	U	0.0017	0.00090	mg/Kg	☼	10/06/25 07:07	10/07/25 09:04	1
2-Butanone (MEK)	0.0087	U	0.0087	0.00064	mg/Kg	☼	10/06/25 07:07	10/07/25 09:04	1
2-Hexanone	0.0087	U	0.0087	0.0030	mg/Kg	☼	10/06/25 07:07	10/07/25 09:04	1
4-Methyl-2-pentanone (MIBK)	0.0087	U	0.0087	0.0027	mg/Kg	☼	10/06/25 07:07	10/07/25 09:04	1
Acetone	0.010	U	0.010	0.010	mg/Kg	☼	10/06/25 07:07	10/07/25 09:04	1
Benzene	0.0017	U	0.0017	0.00099	mg/Kg	☼	10/06/25 07:07	10/07/25 09:04	1
Bromoform	0.0017	U	0.0017	0.00074	mg/Kg	☼	10/06/25 07:07	10/07/25 09:04	1
Bromomethane	0.0035	U	0.0035	0.0017	mg/Kg	☼	10/06/25 07:07	10/07/25 09:04	1
Carbon disulfide	0.0017	U	0.0017	0.00046	mg/Kg	☼	10/06/25 07:07	10/07/25 09:04	1
Carbon tetrachloride	0.0017	U	0.0017	0.00067	mg/Kg	☼	10/06/25 07:07	10/07/25 09:04	1
Chlorobenzene	0.0017	U	0.0017	0.00088	mg/Kg	☼	10/06/25 07:07	10/07/25 09:04	1
Chlorobromomethane	0.0017	U	0.0017	0.0010	mg/Kg	☼	10/06/25 07:07	10/07/25 09:04	1
Chlorodibromomethane	0.0017	U	0.0017	0.00093	mg/Kg	☼	10/06/25 07:07	10/07/25 09:04	1
Chloroethane	0.0017	U	0.0017	0.00091	mg/Kg	☼	10/06/25 07:07	10/07/25 09:04	1
Chloroform	0.0017	U	0.0017	0.0017	mg/Kg	☼	10/06/25 07:07	10/07/25 09:04	1
Chloromethane	0.0017	U	0.0017	0.00076	mg/Kg	☼	10/06/25 07:07	10/07/25 09:04	1
cis-1,2-Dichloroethene	0.0017	U	0.0017	0.00062	mg/Kg	☼	10/06/25 07:07	10/07/25 09:04	1
cis-1,3-Dichloropropene	0.0017	U	0.0017	0.00048	mg/Kg	☼	10/06/25 07:07	10/07/25 09:04	1
Cyclohexane	0.0017	U	0.0017	0.00038	mg/Kg	☼	10/06/25 07:07	10/07/25 09:04	1
Dichlorobromomethane	0.0017	U	0.0017	0.00045	mg/Kg	☼	10/06/25 07:07	10/07/25 09:04	1
Dichlorodifluoromethane	0.0017	U	0.0017	0.00059	mg/Kg	☼	10/06/25 07:07	10/07/25 09:04	1
Ethylbenzene	0.0017	U	0.0017	0.00081	mg/Kg	☼	10/06/25 07:07	10/07/25 09:04	1
Ethylene Dibromide	0.0017	U	0.0017	0.00088	mg/Kg	☼	10/06/25 07:07	10/07/25 09:04	1
Isopropylbenzene	0.0017	U	0.0017	0.00050	mg/Kg	☼	10/06/25 07:07	10/07/25 09:04	1
Methyl acetate	0.0087	U	0.0087	0.0075	mg/Kg	☼	10/06/25 07:07	10/07/25 09:04	1
Methyl tert-butyl ether	0.0017	U	0.0017	0.00089	mg/Kg	☼	10/06/25 07:07	10/07/25 09:04	1
Methylcyclohexane	0.0017	U	0.0017	0.00087	mg/Kg	☼	10/06/25 07:07	10/07/25 09:04	1
Methylene Chloride	**0.0085**		0.0035	0.0020	mg/Kg	☼	10/06/25 07:07	10/07/25 09:04	1
m-Xylene & p-Xylene	0.0017	U	0.0017	0.00074	mg/Kg	☼	10/06/25 07:07	10/07/25 09:04	1
n-Butylbenzene	0.0017	U	0.0017	0.00051	mg/Kg	☼	10/06/25 07:07	10/07/25 09:04	1
N-Propylbenzene	0.0017	U	0.0017	0.00078	mg/Kg	☼	10/06/25 07:07	10/07/25 09:04	1
o-Xylene	0.0017	U	0.0017	0.00080	mg/Kg	☼	10/06/25 07:07	10/07/25 09:04	1
sec-Butylbenzene	0.0017	U	0.0017	0.00050	mg/Kg	☼	10/06/25 07:07	10/07/25 09:04	1
Styrene	0.0017	U	0.0017	0.00048	mg/Kg	☼	10/06/25 07:07	10/07/25 09:04	1

Client Sample ID: 6D1_1-2

Date Collected: 10/02/25 09:30
Date Received: 10/02/25 16:00

Lab Sample ID: 460-336309-19

Matrix: Solid
Percent Solids: 94.1

Method: SW846 8260D - Volatile Organic Compounds by GC/MS (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
tert-Butylbenzene	0.0017	U	0.0017	0.00048	mg/Kg	☼	10/06/25 07:07	10/07/25 09:04	1
Tetrachloroethene	0.0017	U	0.0017	0.00053	mg/Kg	☼	10/06/25 07:07	10/07/25 09:04	1
Toluene	0.0017	U	0.0017	0.00041	mg/Kg	☼	10/06/25 07:07	10/07/25 09:04	1
trans-1,2-Dichloroethene	0.0017	U	0.0017	0.00043	mg/Kg	☼	10/06/25 07:07	10/07/25 09:04	1
trans-1,3-Dichloropropene	0.0017	U	0.0017	0.00046	mg/Kg	☼	10/06/25 07:07	10/07/25 09:04	1
Trichloroethene	0.0017	U	0.0017	0.00056	mg/Kg	☼	10/06/25 07:07	10/07/25 09:04	1
Trichlorofluoromethane	0.0017	U	0.0017	0.00071	mg/Kg	☼	10/06/25 07:07	10/07/25 09:04	1
Vinyl chloride	0.0017	U	0.0017	0.00095	mg/Kg	☼	10/06/25 07:07	10/07/25 09:04	1
Xylenes, Total	0.0035	U	0.0035	0.00030	mg/Kg	☼	10/06/25 07:07	10/07/25 09:04	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,2-Dichloroethane-d4 (Surr)	*111*		*65 - 138*	*10/06/25 07:07*	*10/07/25 09:04*	*1*
4-Bromofluorobenzene	*98*		*71 - 128*	*10/06/25 07:07*	*10/07/25 09:04*	*1*
Dibromofluoromethane (Surr)	*116*		*50 - 150*	*10/06/25 07:07*	*10/07/25 09:04*	*1*
Toluene-d8 (Surr)	*95*		*71 - 126*	*10/06/25 07:07*	*10/07/25 09:04*	*1*

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Percent Moisture (EPA Moisture)	**5.9**		1.0	1.0	%			10/07/25 19:23	1
Percent Solids (EPA Moisture)	**94.1**		1.0	1.0	%			10/07/25 19:23	1

Client Sample ID: 6D2_2-3

Date Collected: 10/02/25 09:35
Date Received: 10/02/25 16:00

Lab Sample ID: 460-336309-20

Matrix: Solid
Percent Solids: 93.8

Method: SW846 8260D - Volatile Organic Compounds by GC/MS

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1-Trichloroethane	0.0013	U	0.0013	0.00029	mg/Kg	☼	10/06/25 07:07	10/07/25 09:27	1
1,1,2,2-Tetrachloroethane	0.0013	U	0.0013	0.00066	mg/Kg	☼	10/06/25 07:07	10/07/25 09:27	1
1,1,2-Trichloro-1,2,2-trifluoroethane	0.0013	U	0.0013	0.00038	mg/Kg	☼	10/06/25 07:07	10/07/25 09:27	1
1,1,2-Trichloroethane	0.0013	U	0.0013	0.00076	mg/Kg	☼	10/06/25 07:07	10/07/25 09:27	1
1,1-Dichloroethane	0.0013	U	0.0013	0.00075	mg/Kg	☼	10/06/25 07:07	10/07/25 09:27	1
1,1-Dichloroethene	0.0013	U	0.0013	0.00028	mg/Kg	☼	10/06/25 07:07	10/07/25 09:27	1
1,2,3-Trichlorobenzene	0.0013	U	0.0013	0.00093	mg/Kg	☼	10/06/25 07:07	10/07/25 09:27	1
1,2,4-Trichlorobenzene	0.0013	U	0.0013	0.00045	mg/Kg	☼	10/06/25 07:07	10/07/25 09:27	1
1,2,4-Trimethylbenzene	0.0013	U	0.0013	0.00031	mg/Kg	☼	10/06/25 07:07	10/07/25 09:27	1
1,2-Dibromo-3-Chloropropane	0.0013	U	0.0013	0.00058	mg/Kg	☼	10/06/25 07:07	10/07/25 09:27	1
1,2-Dichlorobenzene	0.0013	U	0.0013	0.00045	mg/Kg	☼	10/06/25 07:07	10/07/25 09:27	1
1,2-Dichloroethane	0.0013	U	0.0013	0.00037	mg/Kg	☼	10/06/25 07:07	10/07/25 09:27	1
1,2-Dichloropropane	0.0013	U	0.0013	0.00053	mg/Kg	☼	10/06/25 07:07	10/07/25 09:27	1
1,3,5-Trimethylbenzene	0.0013	U	0.0013	0.00040	mg/Kg	☼	10/06/25 07:07	10/07/25 09:27	1
1,3-Dichlorobenzene	0.0013	U	0.0013	0.00046	mg/Kg	☼	10/06/25 07:07	10/07/25 09:27	1
1,4-Dichlorobenzene	0.0013	U	0.0013	0.00065	mg/Kg	☼	10/06/25 07:07	10/07/25 09:27	1
2-Butanone (MEK)	0.0063	U	0.0063	0.00046	mg/Kg	☼	10/06/25 07:07	10/07/25 09:27	1
2-Hexanone	0.0063	U	0.0063	0.0022	mg/Kg	☼	10/06/25 07:07	10/07/25 09:27	1
4-Methyl-2-pentanone (MIBK)	0.0063	U	0.0063	0.0020	mg/Kg	☼	10/06/25 07:07	10/07/25 09:27	1
Acetone	0.0076	U	0.0076	0.0072	mg/Kg	☼	10/06/25 07:07	10/07/25 09:27	1
Benzene	0.0013	U	0.0013	0.00071	mg/Kg	☼	10/06/25 07:07	10/07/25 09:27	1
Bromoform	0.0013	U	0.0013	0.00054	mg/Kg	☼	10/06/25 07:07	10/07/25 09:27	1
Bromomethane	0.0025	U	0.0025	0.0013	mg/Kg	☼	10/06/25 07:07	10/07/25 09:27	1

Client Sample ID: 6D2_2-3
Date Collected: 10/02/25 09:35
Date Received: 10/02/25 16:00

Lab Sample ID: 460-336309-20
Matrix: Solid
Percent Solids: 93.8

Method: SW846 8260D - Volatile Organic Compounds by GC/MS (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Carbon disulfide	0.0013	U	0.0013	0.00033	mg/Kg	☼	10/06/25 07:07	10/07/25 09:27	1
Carbon tetrachloride	0.0013	U	0.0013	0.00049	mg/Kg	☼	10/06/25 07:07	10/07/25 09:27	1
Chlorobenzene	0.0013	U	0.0013	0.00064	mg/Kg	☼	10/06/25 07:07	10/07/25 09:27	1
Chlorobromomethane	0.0013	U	0.0013	0.00075	mg/Kg	☼	10/06/25 07:07	10/07/25 09:27	1
Chlorodibromomethane	0.0013	U	0.0013	0.00068	mg/Kg	☼	10/06/25 07:07	10/07/25 09:27	1
Chloroethane	0.0013	U	0.0013	0.00066	mg/Kg	☼	10/06/25 07:07	10/07/25 09:27	1
Chloroform	0.0013	U	0.0013	0.0012	mg/Kg	☼	10/06/25 07:07	10/07/25 09:27	1
Chloromethane	0.0013	U	0.0013	0.00055	mg/Kg	☼	10/06/25 07:07	10/07/25 09:27	1
cis-1,2-Dichloroethene	0.0013	U	0.0013	0.00045	mg/Kg	☼	10/06/25 07:07	10/07/25 09:27	1
cis-1,3-Dichloropropene	0.0013	U	0.0013	0.00034	mg/Kg	☼	10/06/25 07:07	10/07/25 09:27	1
Cyclohexane	0.0013	U	0.0013	0.00028	mg/Kg	☼	10/06/25 07:07	10/07/25 09:27	1
Dichlorobromomethane	0.0013	U	0.0013	0.00032	mg/Kg	☼	10/06/25 07:07	10/07/25 09:27	1
Dichlorodifluoromethane	0.0013	U	0.0013	0.00043	mg/Kg	☼	10/06/25 07:07	10/07/25 09:27	1
Ethylbenzene	0.0013	U	0.0013	0.00059	mg/Kg	☼	10/06/25 07:07	10/07/25 09:27	1
Ethylene Dibromide	0.0013	U	0.0013	0.00063	mg/Kg	☼	10/06/25 07:07	10/07/25 09:27	1
Isopropylbenzene	0.0013	U	0.0013	0.00036	mg/Kg	☼	10/06/25 07:07	10/07/25 09:27	1
Methyl acetate	0.0063	U	0.0063	0.0054	mg/Kg	☼	10/06/25 07:07	10/07/25 09:27	1
Methyl tert-butyl ether	0.0013	U	0.0013	0.00064	mg/Kg	☼	10/06/25 07:07	10/07/25 09:27	1
Methylcyclohexane	0.0013	U	0.0013	0.00063	mg/Kg	☼	10/06/25 07:07	10/07/25 09:27	1
Methylene Chloride	**0.0045**		0.0025	0.0014	mg/Kg	☼	10/06/25 07:07	10/07/25 09:27	1
m-Xylene & p-Xylene	0.0013	U	0.0013	0.00053	mg/Kg	☼	10/06/25 07:07	10/07/25 09:27	1
n-Butylbenzene	0.0013	U	0.0013	0.00037	mg/Kg	☼	10/06/25 07:07	10/07/25 09:27	1
N-Propylbenzene	0.0013	U	0.0013	0.00057	mg/Kg	☼	10/06/25 07:07	10/07/25 09:27	1
o-Xylene	0.0013	U	0.0013	0.00058	mg/Kg	☼	10/06/25 07:07	10/07/25 09:27	1
sec-Butylbenzene	0.0013	U	0.0013	0.00036	mg/Kg	☼	10/06/25 07:07	10/07/25 09:27	1
Styrene	0.0013	U	0.0013	0.00035	mg/Kg	☼	10/06/25 07:07	10/07/25 09:27	1
tert-Butylbenzene	0.0013	U	0.0013	0.00035	mg/Kg	☼	10/06/25 07:07	10/07/25 09:27	1
Tetrachloroethene	0.0013	U	0.0013	0.00038	mg/Kg	☼	10/06/25 07:07	10/07/25 09:27	1
Toluene	0.0013	U	0.0013	0.00029	mg/Kg	☼	10/06/25 07:07	10/07/25 09:27	1
trans-1,2-Dichloroethene	0.0013	U	0.0013	0.00031	mg/Kg	☼	10/06/25 07:07	10/07/25 09:27	1
trans-1,3-Dichloropropene	0.0013	U	0.0013	0.00033	mg/Kg	☼	10/06/25 07:07	10/07/25 09:27	1
Trichloroethene	0.0013	U	0.0013	0.00040	mg/Kg	☼	10/06/25 07:07	10/07/25 09:27	1
Trichlorofluoromethane	0.0013	U	0.0013	0.00051	mg/Kg	☼	10/06/25 07:07	10/07/25 09:27	1
Vinyl chloride	0.0013	U	0.0013	0.00069	mg/Kg	☼	10/06/25 07:07	10/07/25 09:27	1
Xylenes, Total	0.0025	U	0.0025	0.00022	mg/Kg	☼	10/06/25 07:07	10/07/25 09:27	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,2-Dichloroethane-d4 (Surr)	*108*		*65 - 138*	*10/06/25 07:07*	*10/07/25 09:27*	*1*
4-Bromofluorobenzene	*98*		*71 - 128*	*10/06/25 07:07*	*10/07/25 09:27*	*1*
Dibromofluoromethane (Surr)	*112*		*50 - 150*	*10/06/25 07:07*	*10/07/25 09:27*	*1*
Toluene-d8 (Surr)	*96*		*71 - 126*	*10/06/25 07:07*	*10/07/25 09:27*	*1*

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Percent Moisture (EPA Moisture)	**6.2**		1.0	1.0	%			10/07/25 19:23	1
Percent Solids (EPA Moisture)	**93.8**		1.0	1.0	%			10/07/25 19:23	1

Client Sample ID: 6D3_4-5
Date Collected: 10/02/25 09:40
Date Received: 10/02/25 16:00

Lab Sample ID: 460-336309-21
Matrix: Solid
Percent Solids: 97.5

Method: SW846 8260D - Volatile Organic Compounds by GC/MS

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1-Trichloroethane	0.0014	U	0.0014	0.00033	mg/Kg	☼	10/06/25 07:07	10/07/25 09:50	1
1,1,2,2-Tetrachloroethane	0.0014	U	0.0014	0.00075	mg/Kg	☼	10/06/25 07:07	10/07/25 09:50	1
1,1,2-Trichloro-1,2,2-trifluoroethane	0.0014	U	0.0014	0.00043	mg/Kg	☼	10/06/25 07:07	10/07/25 09:50	1
1,1,2-Trichloroethane	0.0014	U	0.0014	0.00086	mg/Kg	☼	10/06/25 07:07	10/07/25 09:50	1
1,1-Dichloroethane	0.0014	U	0.0014	0.00086	mg/Kg	☼	10/06/25 07:07	10/07/25 09:50	1
1,1-Dichloroethene	0.0014	U	0.0014	0.00032	mg/Kg	☼	10/06/25 07:07	10/07/25 09:50	1
1,2,3-Trichlorobenzene	0.0014	U	0.0014	0.0011	mg/Kg	☼	10/06/25 07:07	10/07/25 09:50	1
1,2,4-Trichlorobenzene	0.0014	U	0.0014	0.00051	mg/Kg	☼	10/06/25 07:07	10/07/25 09:50	1
1,2,4-Trimethylbenzene	0.0014	U	0.0014	0.00035	mg/Kg	☼	10/06/25 07:07	10/07/25 09:50	1
1,2-Dibromo-3-Chloropropane	0.0014	U	0.0014	0.00066	mg/Kg	☼	10/06/25 07:07	10/07/25 09:50	1
1,2-Dichlorobenzene	0.0014	U	0.0014	0.00052	mg/Kg	☼	10/06/25 07:07	10/07/25 09:50	1
1,2-Dichloroethane	0.0014	U	0.0014	0.00042	mg/Kg	☼	10/06/25 07:07	10/07/25 09:50	1
1,2-Dichloropropane	0.0014	U	0.0014	0.00061	mg/Kg	☼	10/06/25 07:07	10/07/25 09:50	1
1,3,5-Trimethylbenzene	0.0014	U	0.0014	0.00045	mg/Kg	☼	10/06/25 07:07	10/07/25 09:50	1
1,3-Dichlorobenzene	0.0014	U	0.0014	0.00052	mg/Kg	☼	10/06/25 07:07	10/07/25 09:50	1
1,4-Dichlorobenzene	0.0014	U	0.0014	0.00074	mg/Kg	☼	10/06/25 07:07	10/07/25 09:50	1
2-Butanone (MEK)	0.0072	U	0.0072	0.00053	mg/Kg	☼	10/06/25 07:07	10/07/25 09:50	1
2-Hexanone	0.0072	U	0.0072	0.0025	mg/Kg	☼	10/06/25 07:07	10/07/25 09:50	1
4-Methyl-2-pentanone (MIBK)	0.0072	U	0.0072	0.0022	mg/Kg	☼	10/06/25 07:07	10/07/25 09:50	1
Acetone	0.0086	U	0.0086	0.0082	mg/Kg	☼	10/06/25 07:07	10/07/25 09:50	1
Benzene	0.0014	U	0.0014	0.00081	mg/Kg	☼	10/06/25 07:07	10/07/25 09:50	1
Bromoform	0.0014	U	0.0014	0.00061	mg/Kg	☼	10/06/25 07:07	10/07/25 09:50	1
Bromomethane	0.0029	U	0.0029	0.0014	mg/Kg	☼	10/06/25 07:07	10/07/25 09:50	1
Carbon disulfide	0.0014	U	0.0014	0.00038	mg/Kg	☼	10/06/25 07:07	10/07/25 09:50	1
Carbon tetrachloride	0.0014	U	0.0014	0.00055	mg/Kg	☼	10/06/25 07:07	10/07/25 09:50	1
Chlorobenzene	0.0014	U	0.0014	0.00073	mg/Kg	☼	10/06/25 07:07	10/07/25 09:50	1
Chlorobromomethane	0.0014	U	0.0014	0.00085	mg/Kg	☼	10/06/25 07:07	10/07/25 09:50	1
Chlorodibromomethane	0.0014	U	0.0014	0.00077	mg/Kg	☼	10/06/25 07:07	10/07/25 09:50	1
Chloroethane	0.0014	U	0.0014	0.00075	mg/Kg	☼	10/06/25 07:07	10/07/25 09:50	1
Chloroform	0.0014	U	0.0014	0.0014	mg/Kg	☼	10/06/25 07:07	10/07/25 09:50	1
Chloromethane	0.0014	U	0.0014	0.00062	mg/Kg	☼	10/06/25 07:07	10/07/25 09:50	1
cis-1,2-Dichloroethene	0.0014	U	0.0014	0.00051	mg/Kg	☼	10/06/25 07:07	10/07/25 09:50	1
cis-1,3-Dichloropropene	0.0014	U	0.0014	0.00039	mg/Kg	☼	10/06/25 07:07	10/07/25 09:50	1
Cyclohexane	0.0014	U	0.0014	0.00032	mg/Kg	☼	10/06/25 07:07	10/07/25 09:50	1
Dichlorobromomethane	0.0014	U	0.0014	0.00037	mg/Kg	☼	10/06/25 07:07	10/07/25 09:50	1
Dichlorodifluoromethane	0.0014	U	0.0014	0.00048	mg/Kg	☼	10/06/25 07:07	10/07/25 09:50	1
Ethylbenzene	0.0014	U	0.0014	0.00067	mg/Kg	☼	10/06/25 07:07	10/07/25 09:50	1
Ethylene Dibromide	0.0014	U	0.0014	0.00072	mg/Kg	☼	10/06/25 07:07	10/07/25 09:50	1
Isopropylbenzene	0.0014	U	0.0014	0.00041	mg/Kg	☼	10/06/25 07:07	10/07/25 09:50	1
Methyl acetate	0.0072	U	0.0072	0.0062	mg/Kg	☼	10/06/25 07:07	10/07/25 09:50	1
Methyl tert-butyl ether	0.0014	U	0.0014	0.00073	mg/Kg	☼	10/06/25 07:07	10/07/25 09:50	1
Methylcyclohexane	0.0014	U	0.0014	0.00072	mg/Kg	☼	10/06/25 07:07	10/07/25 09:50	1
Methylene Chloride	**0.0048**		0.0029	0.0016	mg/Kg	☼	10/06/25 07:07	10/07/25 09:50	1
m-Xylene & p-Xylene	0.0014	U	0.0014	0.00061	mg/Kg	☼	10/06/25 07:07	10/07/25 09:50	1
n-Butylbenzene	0.0014	U	0.0014	0.00042	mg/Kg	☼	10/06/25 07:07	10/07/25 09:50	1
N-Propylbenzene	0.0014	U	0.0014	0.00064	mg/Kg	☼	10/06/25 07:07	10/07/25 09:50	1
o-Xylene	0.0014	U	0.0014	0.00066	mg/Kg	☼	10/06/25 07:07	10/07/25 09:50	1
sec-Butylbenzene	0.0014	U	0.0014	0.00041	mg/Kg	☼	10/06/25 07:07	10/07/25 09:50	1
Styrene	0.0014	U	0.0014	0.00040	mg/Kg	☼	10/06/25 07:07	10/07/25 09:50	1

Client Sample ID: 6D3_4-5

Lab Sample ID: 460-336309-21

Date Collected: 10/02/25 09:40

Matrix: Solid

Date Received: 10/02/25 16:00

Percent Solids: 97.5

Method: SW846 8260D - Volatile Organic Compounds by GC/MS (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
tert-Butylbenzene	0.0014	U	0.0014	0.00040	mg/Kg	☼	10/06/25 07:07	10/07/25 09:50	1
Tetrachloroethene	0.0014	U	0.0014	0.00044	mg/Kg	☼	10/06/25 07:07	10/07/25 09:50	1
Toluene	0.0014	U	0.0014	0.00034	mg/Kg	☼	10/06/25 07:07	10/07/25 09:50	1
trans-1,2-Dichloroethene	0.0014	U	0.0014	0.00035	mg/Kg	☼	10/06/25 07:07	10/07/25 09:50	1
trans-1,3-Dichloropropene	0.0014	U	0.0014	0.00038	mg/Kg	☼	10/06/25 07:07	10/07/25 09:50	1
Trichloroethene	0.0014	U	0.0014	0.00046	mg/Kg	☼	10/06/25 07:07	10/07/25 09:50	1
Trichlorofluoromethane	0.0014	U	0.0014	0.00058	mg/Kg	☼	10/06/25 07:07	10/07/25 09:50	1
Vinyl chloride	0.0014	U	0.0014	0.00078	mg/Kg	☼	10/06/25 07:07	10/07/25 09:50	1
Xylenes, Total	0.0029	U	0.0029	0.00025	mg/Kg	☼	10/06/25 07:07	10/07/25 09:50	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,2-Dichloroethane-d4 (Surr)	*108*		*65 - 138*	*10/06/25 07:07*	*10/07/25 09:50*	*1*
4-Bromofluorobenzene	*98*		*71 - 128*	*10/06/25 07:07*	*10/07/25 09:50*	*1*
Dibromofluoromethane (Surr)	*110*		*50 - 150*	*10/06/25 07:07*	*10/07/25 09:50*	*1*
Toluene-d8 (Surr)	*95*		*71 - 126*	*10/06/25 07:07*	*10/07/25 09:50*	*1*

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Percent Moisture (EPA Moisture)	**2.5**		1.0	1.0	%			10/07/25 19:23	1
Percent Solids (EPA Moisture)	**97.5**		1.0	1.0	%			10/07/25 19:23	1

Client Sample ID: 6D1_6-7

Lab Sample ID: 460-336309-22

Date Collected: 10/02/25 09:45

Matrix: Solid

Date Received: 10/02/25 16:00

Percent Solids: 94.1

Method: SW846 8260D - Volatile Organic Compounds by GC/MS

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1-Trichloroethane	0.0012	U	0.0012	0.00029	mg/Kg	☼	10/06/25 07:07	10/07/25 10:13	1
1,1,2,2-Tetrachloroethane	0.0012	U	0.0012	0.00064	mg/Kg	☼	10/06/25 07:07	10/07/25 10:13	1
1,1,2-Trichloro-1,2,2-trifluoroethane	0.0012	U	0.0012	0.00037	mg/Kg	☼	10/06/25 07:07	10/07/25 10:13	1
1,1,2-Trichloroethane	0.0012	U	0.0012	0.00074	mg/Kg	☼	10/06/25 07:07	10/07/25 10:13	1
1,1-Dichloroethane	0.0012	U	0.0012	0.00073	mg/Kg	☼	10/06/25 07:07	10/07/25 10:13	1
1,1-Dichloroethene	0.0012	U	0.0012	0.00028	mg/Kg	☼	10/06/25 07:07	10/07/25 10:13	1
1,2,3-Trichlorobenzene	0.0012	U	0.0012	0.00090	mg/Kg	☼	10/06/25 07:07	10/07/25 10:13	1
1,2,4-Trichlorobenzene	0.0012	U	0.0012	0.00044	mg/Kg	☼	10/06/25 07:07	10/07/25 10:13	1
1,2,4-Trimethylbenzene	0.0012	U	0.0012	0.00030	mg/Kg	☼	10/06/25 07:07	10/07/25 10:13	1
1,2-Dibromo-3-Chloropropane	0.0012	U	0.0012	0.00056	mg/Kg	☼	10/06/25 07:07	10/07/25 10:13	1
1,2-Dichlorobenzene	0.0012	U	0.0012	0.00044	mg/Kg	☼	10/06/25 07:07	10/07/25 10:13	1
1,2-Dichloroethane	0.0012	U	0.0012	0.00036	mg/Kg	☼	10/06/25 07:07	10/07/25 10:13	1
1,2-Dichloropropane	0.0012	U	0.0012	0.00052	mg/Kg	☼	10/06/25 07:07	10/07/25 10:13	1
1,3,5-Trimethylbenzene	0.0012	U	0.0012	0.00038	mg/Kg	☼	10/06/25 07:07	10/07/25 10:13	1
1,3-Dichlorobenzene	0.0012	U	0.0012	0.00045	mg/Kg	☼	10/06/25 07:07	10/07/25 10:13	1
1,4-Dichlorobenzene	0.0012	U	0.0012	0.00064	mg/Kg	☼	10/06/25 07:07	10/07/25 10:13	1
2-Butanone (MEK)	0.0061	U	0.0061	0.00045	mg/Kg	☼	10/06/25 07:07	10/07/25 10:13	1
2-Hexanone	0.0061	U	0.0061	0.0021	mg/Kg	☼	10/06/25 07:07	10/07/25 10:13	1
4-Methyl-2-pentanone (MIBK)	0.0061	U	0.0061	0.0019	mg/Kg	☼	10/06/25 07:07	10/07/25 10:13	1
Acetone	0.0074	U	0.0074	0.0070	mg/Kg	☼	10/06/25 07:07	10/07/25 10:13	1
Benzene	0.0012	U	0.0012	0.00070	mg/Kg	☼	10/06/25 07:07	10/07/25 10:13	1
Bromoform	0.0012	U	0.0012	0.00052	mg/Kg	☼	10/06/25 07:07	10/07/25 10:13	1
Bromomethane	0.0025	U	0.0025	0.0012	mg/Kg	☼	10/06/25 07:07	10/07/25 10:13	1

Client Sample ID: 6D1_6-7
Date Collected: 10/02/25 09:45
Date Received: 10/02/25 16:00

Lab Sample ID: 460-336309-22
Matrix: Solid
Percent Solids: 94.1

Method: SW846 8260D - Volatile Organic Compounds by GC/MS (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Carbon disulfide	0.0012	U	0.0012	0.00033	mg/Kg	☼	10/06/25 07:07	10/07/25 10:13	1
Carbon tetrachloride	0.0012	U	0.0012	0.00047	mg/Kg	☼	10/06/25 07:07	10/07/25 10:13	1
Chlorobenzene	0.0012	U	0.0012	0.00062	mg/Kg	☼	10/06/25 07:07	10/07/25 10:13	1
Chlorobromomethane	0.0012	U	0.0012	0.00073	mg/Kg	☼	10/06/25 07:07	10/07/25 10:13	1
Chlorodibromomethane	0.0012	U	0.0012	0.00066	mg/Kg	☼	10/06/25 07:07	10/07/25 10:13	1
Chloroethane	0.0012	U	0.0012	0.00064	mg/Kg	☼	10/06/25 07:07	10/07/25 10:13	1
Chloroform	0.0012	U	0.0012	0.0012	mg/Kg	☼	10/06/25 07:07	10/07/25 10:13	1
Chloromethane	0.0012	U	0.0012	0.00053	mg/Kg	☼	10/06/25 07:07	10/07/25 10:13	1
cis-1,2-Dichloroethene	0.0012	U	0.0012	0.00044	mg/Kg	☼	10/06/25 07:07	10/07/25 10:13	1
cis-1,3-Dichloropropene	0.0012	U	0.0012	0.00033	mg/Kg	☼	10/06/25 07:07	10/07/25 10:13	1
Cyclohexane	0.0012	U	0.0012	0.00027	mg/Kg	☼	10/06/25 07:07	10/07/25 10:13	1
Dichlorobromomethane	0.0012	U	0.0012	0.00032	mg/Kg	☼	10/06/25 07:07	10/07/25 10:13	1
Dichlorodifluoromethane	0.0012	U	0.0012	0.00041	mg/Kg	☼	10/06/25 07:07	10/07/25 10:13	1
Ethylbenzene	0.0012	U	0.0012	0.00057	mg/Kg	☼	10/06/25 07:07	10/07/25 10:13	1
Ethylene Dibromide	0.0012	U	0.0012	0.00062	mg/Kg	☼	10/06/25 07:07	10/07/25 10:13	1
Isopropylbenzene	0.0012	U	0.0012	0.00035	mg/Kg	☼	10/06/25 07:07	10/07/25 10:13	1
Methyl acetate	0.0061	U	0.0061	0.0053	mg/Kg	☼	10/06/25 07:07	10/07/25 10:13	1
Methyl tert-butyl ether	0.0012	U	0.0012	0.00063	mg/Kg	☼	10/06/25 07:07	10/07/25 10:13	1
Methylcyclohexane	0.0012	U	0.0012	0.00061	mg/Kg	☼	10/06/25 07:07	10/07/25 10:13	1
Methylene Chloride	**0.0031**		0.0025	0.0014	mg/Kg	☼	10/06/25 07:07	10/07/25 10:13	1
m-Xylene & p-Xylene	0.0012	U	0.0012	0.00052	mg/Kg	☼	10/06/25 07:07	10/07/25 10:13	1
n-Butylbenzene	0.0012	U	0.0012	0.00036	mg/Kg	☼	10/06/25 07:07	10/07/25 10:13	1
N-Propylbenzene	0.0012	U	0.0012	0.00055	mg/Kg	☼	10/06/25 07:07	10/07/25 10:13	1
o-Xylene	0.0012	U	0.0012	0.00057	mg/Kg	☼	10/06/25 07:07	10/07/25 10:13	1
sec-Butylbenzene	0.0012	U	0.0012	0.00035	mg/Kg	☼	10/06/25 07:07	10/07/25 10:13	1
Styrene	0.0012	U	0.0012	0.00034	mg/Kg	☼	10/06/25 07:07	10/07/25 10:13	1
tert-Butylbenzene	0.0012	U	0.0012	0.00034	mg/Kg	☼	10/06/25 07:07	10/07/25 10:13	1
Tetrachloroethene	0.0012	U	0.0012	0.00037	mg/Kg	☼	10/06/25 07:07	10/07/25 10:13	1
Toluene	0.0012	U	0.0012	0.00029	mg/Kg	☼	10/06/25 07:07	10/07/25 10:13	1
trans-1,2-Dichloroethene	0.0012	U	0.0012	0.00030	mg/Kg	☼	10/06/25 07:07	10/07/25 10:13	1
trans-1,3-Dichloropropene	0.0012	U	0.0012	0.00033	mg/Kg	☼	10/06/25 07:07	10/07/25 10:13	1
Trichloroethene	0.0012	U	0.0012	0.00039	mg/Kg	☼	10/06/25 07:07	10/07/25 10:13	1
Trichlorofluoromethane	0.0012	U	0.0012	0.00050	mg/Kg	☼	10/06/25 07:07	10/07/25 10:13	1
Vinyl chloride	0.0012	U	0.0012	0.00067	mg/Kg	☼	10/06/25 07:07	10/07/25 10:13	1
Xylenes, Total	0.0025	U	0.0025	0.00021	mg/Kg	☼	10/06/25 07:07	10/07/25 10:13	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,2-Dichloroethane-d4 (Surr)	*108*		*65 - 138*	*10/06/25 07:07*	*10/07/25 10:13*	*1*
4-Bromofluorobenzene	*98*		*71 - 128*	*10/06/25 07:07*	*10/07/25 10:13*	*1*
Dibromofluoromethane (Surr)	*111*		*50 - 150*	*10/06/25 07:07*	*10/07/25 10:13*	*1*
Toluene-d8 (Surr)	*94*		*71 - 126*	*10/06/25 07:07*	*10/07/25 10:13*	*1*

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Percent Moisture (EPA Moisture)	**5.9**		1.0	1.0	%			10/07/25 19:23	1
Percent Solids (EPA Moisture)	**94.1**		1.0	1.0	%			10/07/25 19:23	1

Client: Haley & Aldrich, Inc.
Project/Site: Former Port Mobil

Job ID: 460-336309-1

Client Sample ID: 6D2_7-8
Date Collected: 10/02/25 09:50
Date Received: 10/02/25 16:00

Lab Sample ID: 460-336309-23
Matrix: Solid
Percent Solids: 95.1

Method: SW846 8260D - Volatile Organic Compounds by GC/MS

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1-Trichloroethane	0.0018	U	0.0018	0.00042	mg/Kg	☼	10/06/25 07:08	10/07/25 10:40	1
1,1,2,2-Tetrachloroethane	0.0018	U	0.0018	0.00094	mg/Kg	☼	10/06/25 07:08	10/07/25 10:40	1
1,1,2-Trichloro-1,2,2-trifluoroethane	0.0018	U	0.0018	0.00054	mg/Kg	☼	10/06/25 07:08	10/07/25 10:40	1
1,1,2-Trichloroethane	0.0018	U	0.0018	0.0011	mg/Kg	☼	10/06/25 07:08	10/07/25 10:40	1
1,1-Dichloroethane	0.0018	U	0.0018	0.0011	mg/Kg	☼	10/06/25 07:08	10/07/25 10:40	1
1,1-Dichloroethene	0.0018	U	0.0018	0.00041	mg/Kg	☼	10/06/25 07:08	10/07/25 10:40	1
1,2,3-Trichlorobenzene	0.0018	U	0.0018	0.0013	mg/Kg	☼	10/06/25 07:08	10/07/25 10:40	1
1,2,4-Trichlorobenzene	0.0018	U	0.0018	0.00065	mg/Kg	☼	10/06/25 07:08	10/07/25 10:40	1
1,2,4-Trimethylbenzene	0.0018	U	0.0018	0.00044	mg/Kg	☼	10/06/25 07:08	10/07/25 10:40	1
1,2-Dibromo-3-Chloropropane	0.0018	U	0.0018	0.00083	mg/Kg	☼	10/06/25 07:08	10/07/25 10:40	1
1,2-Dichlorobenzene	0.0018	U	0.0018	0.00065	mg/Kg	☼	10/06/25 07:08	10/07/25 10:40	1
1,2-Dichloroethane	0.0018	U	0.0018	0.00053	mg/Kg	☼	10/06/25 07:08	10/07/25 10:40	1
1,2-Dichloropropane	0.0018	U	0.0018	0.00076	mg/Kg	☼	10/06/25 07:08	10/07/25 10:40	1
1,3,5-Trimethylbenzene	0.0018	U	0.0018	0.00057	mg/Kg	☼	10/06/25 07:08	10/07/25 10:40	1
1,3-Dichlorobenzene	0.0018	U	0.0018	0.00066	mg/Kg	☼	10/06/25 07:08	10/07/25 10:40	1
1,4-Dichlorobenzene	0.0018	U	0.0018	0.00094	mg/Kg	☼	10/06/25 07:08	10/07/25 10:40	1
2-Butanone (MEK)	0.0090	U	0.0090	0.00066	mg/Kg	☼	10/06/25 07:08	10/07/25 10:40	1
2-Hexanone	0.0090	U	0.0090	0.0031	mg/Kg	☼	10/06/25 07:08	10/07/25 10:40	1
4-Methyl-2-pentanone (MIBK)	0.0090	U	0.0090	0.0028	mg/Kg	☼	10/06/25 07:08	10/07/25 10:40	1
Acetone	0.011	U	0.011	0.010	mg/Kg	☼	10/06/25 07:08	10/07/25 10:40	1
Benzene	0.0018	U	0.0018	0.0010	mg/Kg	☼	10/06/25 07:08	10/07/25 10:40	1
Bromoform	0.0018	U	0.0018	0.00077	mg/Kg	☼	10/06/25 07:08	10/07/25 10:40	1
Bromomethane	0.0036	U	0.0036	0.0018	mg/Kg	☼	10/06/25 07:08	10/07/25 10:40	1
Carbon disulfide	0.0018	U	0.0018	0.00048	mg/Kg	☼	10/06/25 07:08	10/07/25 10:40	1
Carbon tetrachloride	0.0018	U	0.0018	0.00070	mg/Kg	☼	10/06/25 07:08	10/07/25 10:40	1
Chlorobenzene	0.0018	U	0.0018	0.00092	mg/Kg	☼	10/06/25 07:08	10/07/25 10:40	1
Chlorobromomethane	0.0018	U	0.0018	0.0011	mg/Kg	☼	10/06/25 07:08	10/07/25 10:40	1
Chlorodibromomethane	0.0018	U	0.0018	0.00097	mg/Kg	☼	10/06/25 07:08	10/07/25 10:40	1
Chloroethane	0.0018	U	0.0018	0.00094	mg/Kg	☼	10/06/25 07:08	10/07/25 10:40	1
Chloroform	0.0018	U	0.0018	0.0018	mg/Kg	☼	10/06/25 07:08	10/07/25 10:40	1
Chloromethane	0.0018	U	0.0018	0.00079	mg/Kg	☼	10/06/25 07:08	10/07/25 10:40	1
cis-1,2-Dichloroethene	0.0018	U	0.0018	0.00065	mg/Kg	☼	10/06/25 07:08	10/07/25 10:40	1
cis-1,3-Dichloropropene	0.0018	U	0.0018	0.00049	mg/Kg	☼	10/06/25 07:08	10/07/25 10:40	1
Cyclohexane	0.0018	U	0.0018	0.00040	mg/Kg	☼	10/06/25 07:08	10/07/25 10:40	1
Dichlorobromomethane	0.0018	U	0.0018	0.00046	mg/Kg	☼	10/06/25 07:08	10/07/25 10:40	1
Dichlorodifluoromethane	0.0018	U	0.0018	0.00061	mg/Kg	☼	10/06/25 07:08	10/07/25 10:40	1
Ethylbenzene	0.0018	U	0.0018	0.00085	mg/Kg	☼	10/06/25 07:08	10/07/25 10:40	1
Ethylene Dibromide	0.0018	U	0.0018	0.00091	mg/Kg	☼	10/06/25 07:08	10/07/25 10:40	1
Isopropylbenzene	0.0018	U	0.0018	0.00052	mg/Kg	☼	10/06/25 07:08	10/07/25 10:40	1
Methyl acetate	0.0090	U	0.0090	0.0078	mg/Kg	☼	10/06/25 07:08	10/07/25 10:40	1
Methyl tert-butyl ether	0.0018	U	0.0018	0.00093	mg/Kg	☼	10/06/25 07:08	10/07/25 10:40	1
Methylcyclohexane	0.0018	U	0.0018	0.00090	mg/Kg	☼	10/06/25 07:08	10/07/25 10:40	1
Methylene Chloride	0.0036	U	0.0036	0.0021	mg/Kg	☼	10/06/25 07:08	10/07/25 10:40	1
m-Xylene & p-Xylene	0.0018	U	0.0018	0.00076	mg/Kg	☼	10/06/25 07:08	10/07/25 10:40	1
n-Butylbenzene	0.0018	U	0.0018	0.00053	mg/Kg	☼	10/06/25 07:08	10/07/25 10:40	1
N-Propylbenzene	0.0018	U	0.0018	0.00081	mg/Kg	☼	10/06/25 07:08	10/07/25 10:40	1
o-Xylene	0.0018	U	0.0018	0.00083	mg/Kg	☼	10/06/25 07:08	10/07/25 10:40	1
sec-Butylbenzene	0.0018	U	0.0018	0.00052	mg/Kg	☼	10/06/25 07:08	10/07/25 10:40	1
Styrene	0.0018	U	0.0018	0.00050	mg/Kg	☼	10/06/25 07:08	10/07/25 10:40	1

Client Sample ID: 6D2_7-8

Date Collected: 10/02/25 09:50
Date Received: 10/02/25 16:00

Lab Sample ID: 460-336309-23

Matrix: Solid
Percent Solids: 95.1

Method: SW846 8260D - Volatile Organic Compounds by GC/MS (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
tert-Butylbenzene	0.0018	U	0.0018	0.00050	mg/Kg	☼	10/06/25 07:08	10/07/25 10:40	1
Tetrachloroethene	0.0018	U	0.0018	0.00055	mg/Kg	☼	10/06/25 07:08	10/07/25 10:40	1
Toluene	0.0018	U	0.0018	0.00042	mg/Kg	☼	10/06/25 07:08	10/07/25 10:40	1
trans-1,2-Dichloroethene	0.0018	U	0.0018	0.00044	mg/Kg	☼	10/06/25 07:08	10/07/25 10:40	1
trans-1,3-Dichloropropene	0.0018	U	0.0018	0.00048	mg/Kg	☼	10/06/25 07:08	10/07/25 10:40	1
Trichloroethene	0.0018	U	0.0018	0.00058	mg/Kg	☼	10/06/25 07:08	10/07/25 10:40	1
Trichlorofluoromethane	0.0018	U	0.0018	0.00073	mg/Kg	☼	10/06/25 07:08	10/07/25 10:40	1
Vinyl chloride	0.0018	U	0.0018	0.00099	mg/Kg	☼	10/06/25 07:08	10/07/25 10:40	1
Xylenes, Total	0.0036	U	0.0036	0.00031	mg/Kg	☼	10/06/25 07:08	10/07/25 10:40	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,2-Dichloroethane-d4 (Surr)	*109*		*65 - 138*	*10/06/25 07:08*	*10/07/25 10:40*	*1*
4-Bromofluorobenzene	*98*		*71 - 128*	*10/06/25 07:08*	*10/07/25 10:40*	*1*
Dibromofluoromethane (Surr)	*113*		*50 - 150*	*10/06/25 07:08*	*10/07/25 10:40*	*1*
Toluene-d8 (Surr)	*96*		*71 - 126*	*10/06/25 07:08*	*10/07/25 10:40*	*1*

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Percent Moisture (EPA Moisture)	**4.9**		1.0	1.0	%			10/07/25 19:23	1
Percent Solids (EPA Moisture)	**95.1**		1.0	1.0	%			10/07/25 19:23	1

Client Sample ID: 6D3_9-10

Date Collected: 10/02/25 09:55
Date Received: 10/02/25 16:00

Lab Sample ID: 460-336309-24

Matrix: Solid
Percent Solids: 94.7

Method: SW846 8260D - Volatile Organic Compounds by GC/MS

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1-Trichloroethane	0.0012	U	0.0012	0.00027	mg/Kg	☼	10/06/25 07:08	10/07/25 11:25	1
1,1,2,2-Tetrachloroethane	0.0012	U	0.0012	0.00060	mg/Kg	☼	10/06/25 07:08	10/07/25 11:25	1
1,1,2-Trichloro-1,2,2-trifluoroethane	0.0012	U	0.0012	0.00035	mg/Kg	☼	10/06/25 07:08	10/07/25 11:25	1
1,1,2-Trichloroethane	0.0012	U	0.0012	0.00070	mg/Kg	☼	10/06/25 07:08	10/07/25 11:25	1
1,1-Dichloroethane	0.0012	U	0.0012	0.00069	mg/Kg	☼	10/06/25 07:08	10/07/25 11:25	1
1,1-Dichloroethene	0.0012	U	0.0012	0.00026	mg/Kg	☼	10/06/25 07:08	10/07/25 11:25	1
1,2,3-Trichlorobenzene	0.0012	U	0.0012	0.00085	mg/Kg	☼	10/06/25 07:08	10/07/25 11:25	1
1,2,4-Trichlorobenzene	0.0012	U	0.0012	0.00041	mg/Kg	☼	10/06/25 07:08	10/07/25 11:25	1
1,2,4-Trimethylbenzene	0.0012	U	0.0012	0.00028	mg/Kg	☼	10/06/25 07:08	10/07/25 11:25	1
1,2-Dibromo-3-Chloropropane	0.0012	U	0.0012	0.00053	mg/Kg	☼	10/06/25 07:08	10/07/25 11:25	1
1,2-Dichlorobenzene	0.0012	U	0.0012	0.00042	mg/Kg	☼	10/06/25 07:08	10/07/25 11:25	1
1,2-Dichloroethane	0.0012	U	0.0012	0.00034	mg/Kg	☼	10/06/25 07:08	10/07/25 11:25	1
1,2-Dichloropropane	0.0012	U	0.0012	0.00049	mg/Kg	☼	10/06/25 07:08	10/07/25 11:25	1
1,3,5-Trimethylbenzene	0.0012	U	0.0012	0.00036	mg/Kg	☼	10/06/25 07:08	10/07/25 11:25	1
1,3-Dichlorobenzene	0.0012	U	0.0012	0.00042	mg/Kg	☼	10/06/25 07:08	10/07/25 11:25	1
1,4-Dichlorobenzene	0.0012	U	0.0012	0.00060	mg/Kg	☼	10/06/25 07:08	10/07/25 11:25	1
2-Butanone (MEK)	0.0058	U	0.0058	0.00043	mg/Kg	☼	10/06/25 07:08	10/07/25 11:25	1
2-Hexanone	0.0058	U	0.0058	0.0020	mg/Kg	☼	10/06/25 07:08	10/07/25 11:25	1
4-Methyl-2-pentanone (MIBK)	0.0058	U	0.0058	0.0018	mg/Kg	☼	10/06/25 07:08	10/07/25 11:25	1
Acetone	0.0069	U	0.0069	0.0066	mg/Kg	☼	10/06/25 07:08	10/07/25 11:25	1
Benzene	0.0012	U	0.0012	0.00066	mg/Kg	☼	10/06/25 07:08	10/07/25 11:25	1
Bromoform	0.0012	U	0.0012	0.00049	mg/Kg	☼	10/06/25 07:08	10/07/25 11:25	1
Bromomethane	0.0023	U	0.0023	0.0012	mg/Kg	☼	10/06/25 07:08	10/07/25 11:25	1

Client Sample ID: 6D3_9-10
Date Collected: 10/02/25 09:55
Date Received: 10/02/25 16:00

Lab Sample ID: 460-336309-24
Matrix: Solid
Percent Solids: 94.7

Method: SW846 8260D - Volatile Organic Compounds by GC/MS (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Carbon disulfide	0.0012	U	0.0012	0.00031	mg/Kg	☼	10/06/25 07:08	10/07/25 11:25	1
Carbon tetrachloride	0.0012	U	0.0012	0.00045	mg/Kg	☼	10/06/25 07:08	10/07/25 11:25	1
Chlorobenzene	0.0012	U	0.0012	0.00059	mg/Kg	☼	10/06/25 07:08	10/07/25 11:25	1
Chlorobromomethane	0.0012	U	0.0012	0.00069	mg/Kg	☼	10/06/25 07:08	10/07/25 11:25	1
Chlorodibromomethane	0.0012	U	0.0012	0.00062	mg/Kg	☼	10/06/25 07:08	10/07/25 11:25	1
Chloroethane	0.0012	U	0.0012	0.00060	mg/Kg	☼	10/06/25 07:08	10/07/25 11:25	1
Chloroform	0.0012	U	0.0012	0.0011	mg/Kg	☼	10/06/25 07:08	10/07/25 11:25	1
Chloromethane	0.0012	U	0.0012	0.00050	mg/Kg	☼	10/06/25 07:08	10/07/25 11:25	1
cis-1,2-Dichloroethene	0.0012	U	0.0012	0.00041	mg/Kg	☼	10/06/25 07:08	10/07/25 11:25	1
cis-1,3-Dichloropropene	0.0012	U	0.0012	0.00032	mg/Kg	☼	10/06/25 07:08	10/07/25 11:25	1
Cyclohexane	0.0012	U	0.0012	0.00026	mg/Kg	☼	10/06/25 07:08	10/07/25 11:25	1
Dichlorobromomethane	0.0012	U	0.0012	0.00030	mg/Kg	☼	10/06/25 07:08	10/07/25 11:25	1
Dichlorodifluoromethane	0.0012	U	0.0012	0.00039	mg/Kg	☼	10/06/25 07:08	10/07/25 11:25	1
Ethylbenzene	0.0012	U	0.0012	0.00054	mg/Kg	☼	10/06/25 07:08	10/07/25 11:25	1
Ethylene Dibromide	0.0012	U	0.0012	0.00058	mg/Kg	☼	10/06/25 07:08	10/07/25 11:25	1
Isopropylbenzene	0.0012	U	0.0012	0.00033	mg/Kg	☼	10/06/25 07:08	10/07/25 11:25	1
Methyl acetate	0.0058	U	0.0058	0.0050	mg/Kg	☼	10/06/25 07:08	10/07/25 11:25	1
Methyl tert-butyl ether	0.0012	U	0.0012	0.00059	mg/Kg	☼	10/06/25 07:08	10/07/25 11:25	1
Methylcyclohexane	0.0012	U	0.0012	0.00058	mg/Kg	☼	10/06/25 07:08	10/07/25 11:25	1
Methylene Chloride	**0.0019**	**J**	0.0023	0.0013	mg/Kg	☼	10/06/25 07:08	10/07/25 11:25	1
m-Xylene & p-Xylene	0.0012	U	0.0012	0.00049	mg/Kg	☼	10/06/25 07:08	10/07/25 11:25	1
n-Butylbenzene	0.0012	U	0.0012	0.00034	mg/Kg	☼	10/06/25 07:08	10/07/25 11:25	1
N-Propylbenzene	0.0012	U	0.0012	0.00052	mg/Kg	☼	10/06/25 07:08	10/07/25 11:25	1
o-Xylene	0.0012	U	0.0012	0.00053	mg/Kg	☼	10/06/25 07:08	10/07/25 11:25	1
sec-Butylbenzene	0.0012	U	0.0012	0.00033	mg/Kg	☼	10/06/25 07:08	10/07/25 11:25	1
Styrene	0.0012	U	0.0012	0.00032	mg/Kg	☼	10/06/25 07:08	10/07/25 11:25	1
tert-Butylbenzene	0.0012	U	0.0012	0.00032	mg/Kg	☼	10/06/25 07:08	10/07/25 11:25	1
Tetrachloroethene	0.0012	U	0.0012	0.00035	mg/Kg	☼	10/06/25 07:08	10/07/25 11:25	1
Toluene	0.0012	U	0.0012	0.00027	mg/Kg	☼	10/06/25 07:08	10/07/25 11:25	1
trans-1,2-Dichloroethene	0.0012	U	0.0012	0.00028	mg/Kg	☼	10/06/25 07:08	10/07/25 11:25	1
trans-1,3-Dichloropropene	0.0012	U	0.0012	0.00031	mg/Kg	☼	10/06/25 07:08	10/07/25 11:25	1
Trichloroethene	0.0012	U	0.0012	0.00037	mg/Kg	☼	10/06/25 07:08	10/07/25 11:25	1
Trichlorofluoromethane	0.0012	U	0.0012	0.00047	mg/Kg	☼	10/06/25 07:08	10/07/25 11:25	1
Vinyl chloride	0.0012	U	0.0012	0.00063	mg/Kg	☼	10/06/25 07:08	10/07/25 11:25	1
Xylenes, Total	0.0023	U	0.0023	0.00020	mg/Kg	☼	10/06/25 07:08	10/07/25 11:25	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,2-Dichloroethane-d4 (Surr)	*111*		*65 - 138*	*10/06/25 07:08*	*10/07/25 11:25*	*1*
4-Bromofluorobenzene	*98*		*71 - 128*	*10/06/25 07:08*	*10/07/25 11:25*	*1*
Dibromofluoromethane (Surr)	*116*		*50 - 150*	*10/06/25 07:08*	*10/07/25 11:25*	*1*
Toluene-d8 (Surr)	*96*		*71 - 126*	*10/06/25 07:08*	*10/07/25 11:25*	*1*

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Percent Moisture (EPA Moisture)	**5.3**		1.0	1.0	%			10/07/25 19:23	1
Percent Solids (EPA Moisture)	**94.7**		1.0	1.0	%			10/07/25 19:23	1

Client Sample ID: 6D1_10-11
Date Collected: 10/02/25 10:00
Date Received: 10/02/25 16:00

Lab Sample ID: 460-336309-25
Matrix: Solid
Percent Solids: 89.8

Method: SW846 8260D - Volatile Organic Compounds by GC/MS

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1-Trichloroethane	0.00094	U	0.00094	0.00022	mg/Kg	☼	10/06/25 07:08	10/07/25 11:57	1
1,1,2,2-Tetrachloroethane	0.00094	U	0.00094	0.00049	mg/Kg	☼	10/06/25 07:08	10/07/25 11:57	1
1,1,2-Trichloro-1,2,2-trifluoroethane	0.00094	U	0.00094	0.00028	mg/Kg	☼	10/06/25 07:08	10/07/25 11:57	1
1,1,2-Trichloroethane	0.00094	U	0.00094	0.00057	mg/Kg	☼	10/06/25 07:08	10/07/25 11:57	1
1,1-Dichloroethane	0.00094	U	0.00094	0.00056	mg/Kg	☼	10/06/25 07:08	10/07/25 11:57	1
1,1-Dichloroethene	0.00094	U	0.00094	0.00021	mg/Kg	☼	10/06/25 07:08	10/07/25 11:57	1
1,2,3-Trichlorobenzene	0.00094	U	0.00094	0.00070	mg/Kg	☼	10/06/25 07:08	10/07/25 11:57	1
1,2,4-Trichlorobenzene	0.00094	U	0.00094	0.00034	mg/Kg	☼	10/06/25 07:08	10/07/25 11:57	1
1,2,4-Trimethylbenzene	0.00094	U	0.00094	0.00023	mg/Kg	☼	10/06/25 07:08	10/07/25 11:57	1
1,2-Dibromo-3-Chloropropane	0.00094	U	0.00094	0.00043	mg/Kg	☼	10/06/25 07:08	10/07/25 11:57	1
1,2-Dichlorobenzene	0.00094	U	0.00094	0.00034	mg/Kg	☼	10/06/25 07:08	10/07/25 11:57	1
1,2-Dichloroethane	0.00094	U	0.00094	0.00028	mg/Kg	☼	10/06/25 07:08	10/07/25 11:57	1
1,2-Dichloropropane	0.00094	U	0.00094	0.00040	mg/Kg	☼	10/06/25 07:08	10/07/25 11:57	1
1,3,5-Trimethylbenzene	0.00094	U	0.00094	0.00030	mg/Kg	☼	10/06/25 07:08	10/07/25 11:57	1
1,3-Dichlorobenzene	0.00094	U	0.00094	0.00034	mg/Kg	☼	10/06/25 07:08	10/07/25 11:57	1
1,4-Dichlorobenzene	0.00094	U	0.00094	0.00049	mg/Kg	☼	10/06/25 07:08	10/07/25 11:57	1
2-Butanone (MEK)	0.0047	U	0.0047	0.00035	mg/Kg	☼	10/06/25 07:08	10/07/25 11:57	1
2-Hexanone	0.0047	U	0.0047	0.0016	mg/Kg	☼	10/06/25 07:08	10/07/25 11:57	1
4-Methyl-2-pentanone (MIBK)	0.0047	U	0.0047	0.0015	mg/Kg	☼	10/06/25 07:08	10/07/25 11:57	1
Acetone	0.0057	U	0.0057	0.0054	mg/Kg	☼	10/06/25 07:08	10/07/25 11:57	1
Benzene	0.00094	U	0.00094	0.00054	mg/Kg	☼	10/06/25 07:08	10/07/25 11:57	1
Bromoform	0.00094	U	0.00094	0.00040	mg/Kg	☼	10/06/25 07:08	10/07/25 11:57	1
Bromomethane	0.0019	U	0.0019	0.00094	mg/Kg	☼	10/06/25 07:08	10/07/25 11:57	1
Carbon disulfide	0.00094	U	0.00094	0.00025	mg/Kg	☼	10/06/25 07:08	10/07/25 11:57	1
Carbon tetrachloride	0.00094	U	0.00094	0.00037	mg/Kg	☼	10/06/25 07:08	10/07/25 11:57	1
Chlorobenzene	0.00094	U	0.00094	0.00048	mg/Kg	☼	10/06/25 07:08	10/07/25 11:57	1
Chlorobromomethane	0.00094	U	0.00094	0.00056	mg/Kg	☼	10/06/25 07:08	10/07/25 11:57	1
Chlorodibromomethane	0.00094	U	0.00094	0.00051	mg/Kg	☼	10/06/25 07:08	10/07/25 11:57	1
Chloroethane	0.00094	U	0.00094	0.00049	mg/Kg	☼	10/06/25 07:08	10/07/25 11:57	1
Chloroform	0.00094	U	0.00094	0.00092	mg/Kg	☼	10/06/25 07:08	10/07/25 11:57	1
Chloromethane	0.00094	U	0.00094	0.00041	mg/Kg	☼	10/06/25 07:08	10/07/25 11:57	1
cis-1,2-Dichloroethene	0.00094	U	0.00094	0.00034	mg/Kg	☼	10/06/25 07:08	10/07/25 11:57	1
cis-1,3-Dichloropropene	0.00094	U	0.00094	0.00026	mg/Kg	☼	10/06/25 07:08	10/07/25 11:57	1
Cyclohexane	0.00094	U	0.00094	0.00021	mg/Kg	☼	10/06/25 07:08	10/07/25 11:57	1
Dichlorobromomethane	0.00094	U	0.00094	0.00024	mg/Kg	☼	10/06/25 07:08	10/07/25 11:57	1
Dichlorodifluoromethane	0.00094	U	0.00094	0.00032	mg/Kg	☼	10/06/25 07:08	10/07/25 11:57	1
Ethylbenzene	0.00094	U	0.00094	0.00044	mg/Kg	☼	10/06/25 07:08	10/07/25 11:57	1
Ethylene Dibromide	0.00094	U	0.00094	0.00048	mg/Kg	☼	10/06/25 07:08	10/07/25 11:57	1
Isopropylbenzene	0.00094	U	0.00094	0.00027	mg/Kg	☼	10/06/25 07:08	10/07/25 11:57	1
Methyl acetate	0.0047	U	0.0047	0.0041	mg/Kg	☼	10/06/25 07:08	10/07/25 11:57	1
Methyl tert-butyl ether	0.00094	U	0.00094	0.00048	mg/Kg	☼	10/06/25 07:08	10/07/25 11:57	1
Methylcyclohexane	0.00094	U	0.00094	0.00047	mg/Kg	☼	10/06/25 07:08	10/07/25 11:57	1
Methylene Chloride	**0.0033**		0.0019	0.0011	mg/Kg	☼	10/06/25 07:08	10/07/25 11:57	1
m-Xylene & p-Xylene	0.00094	U	0.00094	0.00040	mg/Kg	☼	10/06/25 07:08	10/07/25 11:57	1
n-Butylbenzene	0.00094	U	0.00094	0.00028	mg/Kg	☼	10/06/25 07:08	10/07/25 11:57	1
N-Propylbenzene	0.00094	U	0.00094	0.00042	mg/Kg	☼	10/06/25 07:08	10/07/25 11:57	1
o-Xylene	0.00094	U	0.00094	0.00044	mg/Kg	☼	10/06/25 07:08	10/07/25 11:57	1
sec-Butylbenzene	0.00094	U	0.00094	0.00027	mg/Kg	☼	10/06/25 07:08	10/07/25 11:57	1
Styrene	0.00094	U	0.00094	0.00026	mg/Kg	☼	10/06/25 07:08	10/07/25 11:57	1

Client Sample ID: 6D1_10-11

Date Collected: 10/02/25 10:00
Date Received: 10/02/25 16:00

Lab Sample ID: 460-336309-25

Matrix: Solid
Percent Solids: 89.8

Method: SW846 8260D - Volatile Organic Compounds by GC/MS (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
tert-Butylbenzene	0.00094	U	0.00094	0.00026	mg/Kg	☼	10/06/25 07:08	10/07/25 11:57	1
Tetrachloroethene	0.00094	U	0.00094	0.00029	mg/Kg	☼	10/06/25 07:08	10/07/25 11:57	1
Toluene	0.00094	U	0.00094	0.00022	mg/Kg	☼	10/06/25 07:08	10/07/25 11:57	1
trans-1,2-Dichloroethene	0.00094	U	0.00094	0.00023	mg/Kg	☼	10/06/25 07:08	10/07/25 11:57	1
trans-1,3-Dichloropropene	0.00094	U	0.00094	0.00025	mg/Kg	☼	10/06/25 07:08	10/07/25 11:57	1
Trichloroethene	0.00094	U	0.00094	0.00030	mg/Kg	☼	10/06/25 07:08	10/07/25 11:57	1
Trichlorofluoromethane	0.00094	U	0.00094	0.00038	mg/Kg	☼	10/06/25 07:08	10/07/25 11:57	1
Vinyl chloride	0.00094	U	0.00094	0.00052	mg/Kg	☼	10/06/25 07:08	10/07/25 11:57	1
Xylenes, Total	0.0019	U	0.0019	0.00016	mg/Kg	☼	10/06/25 07:08	10/07/25 11:57	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,2-Dichloroethane-d4 (Surr)	*110*		*65 - 138*	*10/06/25 07:08*	*10/07/25 11:57*	*1*
4-Bromofluorobenzene	*98*		*71 - 128*	*10/06/25 07:08*	*10/07/25 11:57*	*1*
Dibromofluoromethane (Surr)	*113*		*50 - 150*	*10/06/25 07:08*	*10/07/25 11:57*	*1*
Toluene-d8 (Surr)	*94*		*71 - 126*	*10/06/25 07:08*	*10/07/25 11:57*	*1*

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Percent Moisture (EPA Moisture)	**10.2**		1.0	1.0	%			10/07/25 19:23	1
Percent Solids (EPA Moisture)	**89.8**		1.0	1.0	%			10/07/25 19:23	1

Client Sample ID: 6E1_1-2

Date Collected: 10/02/25 10:05
Date Received: 10/02/25 16:00

Lab Sample ID: 460-336309-26

Matrix: Solid
Percent Solids: 96.6

Method: SW846 8260D - Volatile Organic Compounds by GC/MS

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1-Trichloroethane	0.0010	U	0.0010	0.00024	mg/Kg	☼	10/06/25 07:09	10/07/25 12:20	1
1,1,2,2-Tetrachloroethane	0.0010	U	0.0010	0.00054	mg/Kg	☼	10/06/25 07:09	10/07/25 12:20	1
1,1,2-Trichloro-1,2,2-trifluoroethane	0.0010	U	0.0010	0.00031	mg/Kg	☼	10/06/25 07:09	10/07/25 12:20	1
1,1,2-Trichloroethane	0.0010	U	0.0010	0.00062	mg/Kg	☼	10/06/25 07:09	10/07/25 12:20	1
1,1-Dichloroethane	0.0010	U	0.0010	0.00062	mg/Kg	☼	10/06/25 07:09	10/07/25 12:20	1
1,1-Dichloroethene	0.0010	U	0.0010	0.00023	mg/Kg	☼	10/06/25 07:09	10/07/25 12:20	1
1,2,3-Trichlorobenzene	0.0010	U	0.0010	0.00076	mg/Kg	☼	10/06/25 07:09	10/07/25 12:20	1
1,2,4-Trichlorobenzene	0.0010	U	0.0010	0.00037	mg/Kg	☼	10/06/25 07:09	10/07/25 12:20	1
1,2,4-Trimethylbenzene	0.0010	U	0.0010	0.00025	mg/Kg	☼	10/06/25 07:09	10/07/25 12:20	1
1,2-Dibromo-3-Chloropropane	0.0010	U	0.0010	0.00048	mg/Kg	☼	10/06/25 07:09	10/07/25 12:20	1
1,2-Dichlorobenzene	0.0010	U	0.0010	0.00037	mg/Kg	☼	10/06/25 07:09	10/07/25 12:20	1
1,2-Dichloroethane	0.0010	U	0.0010	0.00031	mg/Kg	☼	10/06/25 07:09	10/07/25 12:20	1
1,2-Dichloropropane	0.0010	U	0.0010	0.00044	mg/Kg	☼	10/06/25 07:09	10/07/25 12:20	1
1,3,5-Trimethylbenzene	0.0010	U	0.0010	0.00032	mg/Kg	☼	10/06/25 07:09	10/07/25 12:20	1
1,3-Dichlorobenzene	0.0010	U	0.0010	0.00038	mg/Kg	☼	10/06/25 07:09	10/07/25 12:20	1
1,4-Dichlorobenzene	0.0010	U	0.0010	0.00054	mg/Kg	☼	10/06/25 07:09	10/07/25 12:20	1
2-Butanone (MEK)	0.0052	U	0.0052	0.00038	mg/Kg	☼	10/06/25 07:09	10/07/25 12:20	1
2-Hexanone	0.0052	U	0.0052	0.0018	mg/Kg	☼	10/06/25 07:09	10/07/25 12:20	1
4-Methyl-2-pentanone (MIBK)	0.0052	U	0.0052	0.0016	mg/Kg	☼	10/06/25 07:09	10/07/25 12:20	1
Acetone	0.0062	U	0.0062	0.0059	mg/Kg	☼	10/06/25 07:09	10/07/25 12:20	1
Benzene	0.0010	U	0.0010	0.00059	mg/Kg	☼	10/06/25 07:09	10/07/25 12:20	1
Bromoform	0.0010	U	0.0010	0.00044	mg/Kg	☼	10/06/25 07:09	10/07/25 12:20	1
Bromomethane	0.0021	U	0.0021	0.0010	mg/Kg	☼	10/06/25 07:09	10/07/25 12:20	1

Client Sample ID: 6E1_1-2
Date Collected: 10/02/25 10:05
Date Received: 10/02/25 16:00

Lab Sample ID: 460-336309-26
Matrix: Solid
Percent Solids: 96.6

Method: SW846 8260D - Volatile Organic Compounds by GC/MS (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Carbon disulfide	0.0010	U	0.0010	0.00028	mg/Kg	☼	10/06/25 07:09	10/07/25 12:20	1
Carbon tetrachloride	0.0010	U	0.0010	0.00040	mg/Kg	☼	10/06/25 07:09	10/07/25 12:20	1
Chlorobenzene	0.0010	U	0.0010	0.00052	mg/Kg	☼	10/06/25 07:09	10/07/25 12:20	1
Chlorobromomethane	0.0010	U	0.0010	0.00062	mg/Kg	☼	10/06/25 07:09	10/07/25 12:20	1
Chlorodibromomethane	0.0010	U	0.0010	0.00056	mg/Kg	☼	10/06/25 07:09	10/07/25 12:20	1
Chloroethane	0.0010	U	0.0010	0.00054	mg/Kg	☼	10/06/25 07:09	10/07/25 12:20	1
Chloroform	0.0010	U	0.0010	0.0010	mg/Kg	☼	10/06/25 07:09	10/07/25 12:20	1
Chloromethane	0.0010	U	0.0010	0.00045	mg/Kg	☼	10/06/25 07:09	10/07/25 12:20	1
cis-1,2-Dichloroethene	0.0010	U	0.0010	0.00037	mg/Kg	☼	10/06/25 07:09	10/07/25 12:20	1
cis-1,3-Dichloropropene	0.0010	U	0.0010	0.00028	mg/Kg	☼	10/06/25 07:09	10/07/25 12:20	1
Cyclohexane	0.0010	U	0.0010	0.00023	mg/Kg	☼	10/06/25 07:09	10/07/25 12:20	1
Dichlorobromomethane	0.0010	U	0.0010	0.00027	mg/Kg	☼	10/06/25 07:09	10/07/25 12:20	1
Dichlorodifluoromethane	0.0010	U	0.0010	0.00035	mg/Kg	☼	10/06/25 07:09	10/07/25 12:20	1
Ethylbenzene	0.0010	U	0.0010	0.00048	mg/Kg	☼	10/06/25 07:09	10/07/25 12:20	1
Ethylene Dibromide	0.0010	U	0.0010	0.00052	mg/Kg	☼	10/06/25 07:09	10/07/25 12:20	1
Isopropylbenzene	0.0010	U	0.0010	0.00029	mg/Kg	☼	10/06/25 07:09	10/07/25 12:20	1
Methyl acetate	0.0052	U	0.0052	0.0044	mg/Kg	☼	10/06/25 07:09	10/07/25 12:20	1
Methyl tert-butyl ether	0.0010	U	0.0010	0.00053	mg/Kg	☼	10/06/25 07:09	10/07/25 12:20	1
Methylcyclohexane	0.0010	U	0.0010	0.00052	mg/Kg	☼	10/06/25 07:09	10/07/25 12:20	1
Methylene Chloride	**0.0038**		0.0021	0.0012	mg/Kg	☼	10/06/25 07:09	10/07/25 12:20	1
m-Xylene & p-Xylene	0.0010	U	0.0010	0.00044	mg/Kg	☼	10/06/25 07:09	10/07/25 12:20	1
n-Butylbenzene	0.0010	U	0.0010	0.00030	mg/Kg	☼	10/06/25 07:09	10/07/25 12:20	1
N-Propylbenzene	0.0010	U	0.0010	0.00046	mg/Kg	☼	10/06/25 07:09	10/07/25 12:20	1
o-Xylene	0.0010	U	0.0010	0.00048	mg/Kg	☼	10/06/25 07:09	10/07/25 12:20	1
sec-Butylbenzene	0.0010	U	0.0010	0.00030	mg/Kg	☼	10/06/25 07:09	10/07/25 12:20	1
Styrene	0.0010	U	0.0010	0.00029	mg/Kg	☼	10/06/25 07:09	10/07/25 12:20	1
tert-Butylbenzene	0.0010	U	0.0010	0.00029	mg/Kg	☼	10/06/25 07:09	10/07/25 12:20	1
Tetrachloroethene	0.0010	U	0.0010	0.00032	mg/Kg	☼	10/06/25 07:09	10/07/25 12:20	1
Toluene	0.0010	U	0.0010	0.00024	mg/Kg	☼	10/06/25 07:09	10/07/25 12:20	1
trans-1,2-Dichloroethene	0.0010	U	0.0010	0.00025	mg/Kg	☼	10/06/25 07:09	10/07/25 12:20	1
trans-1,3-Dichloropropene	0.0010	U	0.0010	0.00028	mg/Kg	☼	10/06/25 07:09	10/07/25 12:20	1
Trichloroethene	0.0010	U	0.0010	0.00033	mg/Kg	☼	10/06/25 07:09	10/07/25 12:20	1
Trichlorofluoromethane	0.0010	U	0.0010	0.00042	mg/Kg	☼	10/06/25 07:09	10/07/25 12:20	1
Vinyl chloride	0.0010	U	0.0010	0.00056	mg/Kg	☼	10/06/25 07:09	10/07/25 12:20	1
Xylenes, Total	0.0021	U	0.0021	0.00018	mg/Kg	☼	10/06/25 07:09	10/07/25 12:20	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,2-Dichloroethane-d4 (Surr)	*112*		*65 - 138*	*10/06/25 07:09*	*10/07/25 12:20*	*1*
4-Bromofluorobenzene	*101*		*71 - 128*	*10/06/25 07:09*	*10/07/25 12:20*	*1*
Dibromofluoromethane (Surr)	*113*		*50 - 150*	*10/06/25 07:09*	*10/07/25 12:20*	*1*
Toluene-d8 (Surr)	*97*		*71 - 126*	*10/06/25 07:09*	*10/07/25 12:20*	*1*

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Percent Moisture (EPA Moisture)	**3.4**		1.0	1.0	%			10/07/25 19:23	1
Percent Solids (EPA Moisture)	**96.6**		1.0	1.0	%			10/07/25 19:23	1

Client Sample ID: 6E2_3-4
Date Collected: 10/02/25 10:10
Date Received: 10/02/25 16:00

Lab Sample ID: 460-336309-27
Matrix: Solid
Percent Solids: 98.7

Method: SW846 8260D - Volatile Organic Compounds by GC/MS

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1-Trichloroethane	0.0016	U	0.0016	0.00037	mg/Kg	☼	10/06/25 07:09	10/07/25 12:43	1
1,1,2,2-Tetrachloroethane	0.0016	U	0.0016	0.00083	mg/Kg	☼	10/06/25 07:09	10/07/25 12:43	1
1,1,2-Trichloro-1,2,2-trifluoroethane	0.0016	U	0.0016	0.00048	mg/Kg	☼	10/06/25 07:09	10/07/25 12:43	1
1,1,2-Trichloroethane	0.0016	U	0.0016	0.00095	mg/Kg	☼	10/06/25 07:09	10/07/25 12:43	1
1,1-Dichloroethane	0.0016	U	0.0016	0.00095	mg/Kg	☼	10/06/25 07:09	10/07/25 12:43	1
1,1-Dichloroethene	0.0016	U	0.0016	0.00036	mg/Kg	☼	10/06/25 07:09	10/07/25 12:43	1
1,2,3-Trichlorobenzene	0.0016	U	0.0016	0.0012	mg/Kg	☼	10/06/25 07:09	10/07/25 12:43	1
1,2,4-Trichlorobenzene	0.0016	U	0.0016	0.00057	mg/Kg	☼	10/06/25 07:09	10/07/25 12:43	1
1,2,4-Trimethylbenzene	0.0016	U	0.0016	0.00039	mg/Kg	☼	10/06/25 07:09	10/07/25 12:43	1
1,2-Dibromo-3-Chloropropane	0.0016	U	0.0016	0.00073	mg/Kg	☼	10/06/25 07:09	10/07/25 12:43	1
1,2-Dichlorobenzene	0.0016	U	0.0016	0.00057	mg/Kg	☼	10/06/25 07:09	10/07/25 12:43	1
1,2-Dichloroethane	0.0016	U	0.0016	0.00047	mg/Kg	☼	10/06/25 07:09	10/07/25 12:43	1
1,2-Dichloropropane	0.0016	U	0.0016	0.00067	mg/Kg	☼	10/06/25 07:09	10/07/25 12:43	1
1,3,5-Trimethylbenzene	0.0016	U	0.0016	0.00050	mg/Kg	☼	10/06/25 07:09	10/07/25 12:43	1
1,3-Dichlorobenzene	0.0016	U	0.0016	0.00058	mg/Kg	☼	10/06/25 07:09	10/07/25 12:43	1
1,4-Dichlorobenzene	0.0016	U	0.0016	0.00082	mg/Kg	☼	10/06/25 07:09	10/07/25 12:43	1
2-Butanone (MEK)	0.0079	U	0.0079	0.00058	mg/Kg	☼	10/06/25 07:09	10/07/25 12:43	1
2-Hexanone	0.0079	U	0.0079	0.0027	mg/Kg	☼	10/06/25 07:09	10/07/25 12:43	1
4-Methyl-2-pentanone (MIBK)	0.0079	U	0.0079	0.0025	mg/Kg	☼	10/06/25 07:09	10/07/25 12:43	1
Acetone	0.0095	U	0.0095	0.0091	mg/Kg	☼	10/06/25 07:09	10/07/25 12:43	1
Benzene	0.0016	U	0.0016	0.00090	mg/Kg	☼	10/06/25 07:09	10/07/25 12:43	1
Bromoform	0.0016	U	0.0016	0.00067	mg/Kg	☼	10/06/25 07:09	10/07/25 12:43	1
Bromomethane	0.0032	U	0.0032	0.0016	mg/Kg	☼	10/06/25 07:09	10/07/25 12:43	1
Carbon disulfide	0.0016	U	0.0016	0.00042	mg/Kg	☼	10/06/25 07:09	10/07/25 12:43	1
Carbon tetrachloride	0.0016	U	0.0016	0.00061	mg/Kg	☼	10/06/25 07:09	10/07/25 12:43	1
Chlorobenzene	0.0016	U	0.0016	0.00080	mg/Kg	☼	10/06/25 07:09	10/07/25 12:43	1
Chlorobromomethane	0.0016	U	0.0016	0.00094	mg/Kg	☼	10/06/25 07:09	10/07/25 12:43	1
Chlorodibromomethane	0.0016	U	0.0016	0.00085	mg/Kg	☼	10/06/25 07:09	10/07/25 12:43	1
Chloroethane	0.0016	U	0.0016	0.00083	mg/Kg	☼	10/06/25 07:09	10/07/25 12:43	1
Chloroform	0.0016	U	0.0016	0.0015	mg/Kg	☼	10/06/25 07:09	10/07/25 12:43	1
Chloromethane	0.0016	U	0.0016	0.00069	mg/Kg	☼	10/06/25 07:09	10/07/25 12:43	1
cis-1,2-Dichloroethene	0.0016	U	0.0016	0.00057	mg/Kg	☼	10/06/25 07:09	10/07/25 12:43	1
cis-1,3-Dichloropropene	0.0016	U	0.0016	0.00043	mg/Kg	☼	10/06/25 07:09	10/07/25 12:43	1
Cyclohexane	0.0016	U	0.0016	0.00035	mg/Kg	☼	10/06/25 07:09	10/07/25 12:43	1
Dichlorobromomethane	0.0016	U	0.0016	0.00041	mg/Kg	☼	10/06/25 07:09	10/07/25 12:43	1
Dichlorodifluoromethane	0.0016	U	0.0016	0.00054	mg/Kg	☼	10/06/25 07:09	10/07/25 12:43	1
Ethylbenzene	0.0016	U	0.0016	0.00074	mg/Kg	☼	10/06/25 07:09	10/07/25 12:43	1
Ethylene Dibromide	0.0016	U	0.0016	0.00080	mg/Kg	☼	10/06/25 07:09	10/07/25 12:43	1
Isopropylbenzene	0.0016	U	0.0016	0.00045	mg/Kg	☼	10/06/25 07:09	10/07/25 12:43	1
Methyl acetate	0.0079	U	0.0079	0.0068	mg/Kg	☼	10/06/25 07:09	10/07/25 12:43	1
Methyl tert-butyl ether	0.0016	U	0.0016	0.00081	mg/Kg	☼	10/06/25 07:09	10/07/25 12:43	1
Methylcyclohexane	0.0016	U	0.0016	0.00079	mg/Kg	☼	10/06/25 07:09	10/07/25 12:43	1
Methylene Chloride	**0.0066**		0.0032	0.0018	mg/Kg	☼	10/06/25 07:09	10/07/25 12:43	1
m-Xylene & p-Xylene	0.0016	U	0.0016	0.00067	mg/Kg	☼	10/06/25 07:09	10/07/25 12:43	1
n-Butylbenzene	0.0016	U	0.0016	0.00047	mg/Kg	☼	10/06/25 07:09	10/07/25 12:43	1
N-Propylbenzene	0.0016	U	0.0016	0.00071	mg/Kg	☼	10/06/25 07:09	10/07/25 12:43	1
o-Xylene	0.0016	U	0.0016	0.00073	mg/Kg	☼	10/06/25 07:09	10/07/25 12:43	1
sec-Butylbenzene	0.0016	U	0.0016	0.00046	mg/Kg	☼	10/06/25 07:09	10/07/25 12:43	1
Styrene	0.0016	U	0.0016	0.00044	mg/Kg	☼	10/06/25 07:09	10/07/25 12:43	1

Client Sample ID: 6E2_3-4

Lab Sample ID: 460-336309-27

Date Collected: 10/02/25 10:10

Matrix: Solid

Date Received: 10/02/25 16:00

Percent Solids: 98.7

Method: SW846 8260D - Volatile Organic Compounds by GC/MS (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
tert-Butylbenzene	0.0016	U	0.0016	0.00044	mg/Kg	☼	10/06/25 07:09	10/07/25 12:43	1
Tetrachloroethene	0.0016	U	0.0016	0.00048	mg/Kg	☼	10/06/25 07:09	10/07/25 12:43	1
Toluene	0.0016	U	0.0016	0.00037	mg/Kg	☼	10/06/25 07:09	10/07/25 12:43	1
trans-1,2-Dichloroethene	0.0016	U	0.0016	0.00039	mg/Kg	☼	10/06/25 07:09	10/07/25 12:43	1
trans-1,3-Dichloropropene	0.0016	U	0.0016	0.00042	mg/Kg	☼	10/06/25 07:09	10/07/25 12:43	1
Trichloroethene	0.0016	U	0.0016	0.00051	mg/Kg	☼	10/06/25 07:09	10/07/25 12:43	1
Trichlorofluoromethane	0.0016	U	0.0016	0.00064	mg/Kg	☼	10/06/25 07:09	10/07/25 12:43	1
Vinyl chloride	0.0016	U	0.0016	0.00087	mg/Kg	☼	10/06/25 07:09	10/07/25 12:43	1
Xylenes, Total	0.0032	U	0.0032	0.00028	mg/Kg	☼	10/06/25 07:09	10/07/25 12:43	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,2-Dichloroethane-d4 (Surr)	*108*		*65 - 138*	*10/06/25 07:09*	*10/07/25 12:43*	*1*
4-Bromofluorobenzene	*100*		*71 - 128*	*10/06/25 07:09*	*10/07/25 12:43*	*1*
Dibromofluoromethane (Surr)	*110*		*50 - 150*	*10/06/25 07:09*	*10/07/25 12:43*	*1*
Toluene-d8 (Surr)	*96*		*71 - 126*	*10/06/25 07:09*	*10/07/25 12:43*	*1*

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Percent Moisture (EPA Moisture)	**1.3**		1.0	1.0	%			10/07/25 19:23	1
Percent Solids (EPA Moisture)	**98.7**		1.0	1.0	%			10/07/25 19:23	1

Client Sample ID: 6E3_4-5

Lab Sample ID: 460-336309-28

Date Collected: 10/02/25 10:15

Matrix: Solid

Date Received: 10/02/25 16:00

Percent Solids: 96.9

Method: SW846 8260D - Volatile Organic Compounds by GC/MS

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1-Trichloroethane	0.0014	U	0.0014	0.00033	mg/Kg	☼	10/06/25 07:09	10/07/25 13:06	1
1,1,2,2-Tetrachloroethane	0.0014	U	0.0014	0.00074	mg/Kg	☼	10/06/25 07:09	10/07/25 13:06	1
1,1,2-Trichloro-1,2,2-trifluoroethane	0.0014	U	0.0014	0.00042	mg/Kg	☼	10/06/25 07:09	10/07/25 13:06	1
1,1,2-Trichloroethane	0.0014	U	0.0014	0.00085	mg/Kg	☼	10/06/25 07:09	10/07/25 13:06	1
1,1-Dichloroethane	0.0014	U	0.0014	0.00084	mg/Kg	☼	10/06/25 07:09	10/07/25 13:06	1
1,1-Dichloroethene	0.0014	U	0.0014	0.00032	mg/Kg	☼	10/06/25 07:09	10/07/25 13:06	1
1,2,3-Trichlorobenzene	0.0014	U	0.0014	0.0010	mg/Kg	☼	10/06/25 07:09	10/07/25 13:06	1
1,2,4-Trichlorobenzene	0.0014	U	0.0014	0.00050	mg/Kg	☼	10/06/25 07:09	10/07/25 13:06	1
1,2,4-Trimethylbenzene	0.0014	U	0.0014	0.00035	mg/Kg	☼	10/06/25 07:09	10/07/25 13:06	1
1,2-Dibromo-3-Chloropropane	0.0014	U	0.0014	0.00065	mg/Kg	☼	10/06/25 07:09	10/07/25 13:06	1
1,2-Dichlorobenzene	0.0014	U	0.0014	0.00051	mg/Kg	☼	10/06/25 07:09	10/07/25 13:06	1
1,2-Dichloroethane	0.0014	U	0.0014	0.00042	mg/Kg	☼	10/06/25 07:09	10/07/25 13:06	1
1,2-Dichloropropane	0.0014	U	0.0014	0.00060	mg/Kg	☼	10/06/25 07:09	10/07/25 13:06	1
1,3,5-Trimethylbenzene	0.0014	U	0.0014	0.00044	mg/Kg	☼	10/06/25 07:09	10/07/25 13:06	1
1,3-Dichlorobenzene	0.0014	U	0.0014	0.00051	mg/Kg	☼	10/06/25 07:09	10/07/25 13:06	1
1,4-Dichlorobenzene	0.0014	U	0.0014	0.00073	mg/Kg	☼	10/06/25 07:09	10/07/25 13:06	1
2-Butanone (MEK)	0.0070	U	0.0070	0.00052	mg/Kg	☼	10/06/25 07:09	10/07/25 13:06	1
2-Hexanone	0.0070	U	0.0070	0.0024	mg/Kg	☼	10/06/25 07:09	10/07/25 13:06	1
4-Methyl-2-pentanone (MIBK)	0.0070	U	0.0070	0.0022	mg/Kg	☼	10/06/25 07:09	10/07/25 13:06	1
Acetone	0.0085	U	0.0085	0.0081	mg/Kg	☼	10/06/25 07:09	10/07/25 13:06	1
Benzene	0.0014	U	0.0014	0.00080	mg/Kg	☼	10/06/25 07:09	10/07/25 13:06	1
Bromoform	0.0014	U	0.0014	0.00060	mg/Kg	☼	10/06/25 07:09	10/07/25 13:06	1
Bromomethane	0.0028	U	0.0028	0.0014	mg/Kg	☼	10/06/25 07:09	10/07/25 13:06	1

Client Sample ID: 6E3_4-5
Date Collected: 10/02/25 10:15
Date Received: 10/02/25 16:00

Lab Sample ID: 460-336309-28
Matrix: Solid
Percent Solids: 96.9

Method: SW846 8260D - Volatile Organic Compounds by GC/MS (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Carbon disulfide	0.0014	U	0.0014	0.00037	mg/Kg	☼	10/06/25 07:09	10/07/25 13:06	1
Carbon tetrachloride	0.0014	U	0.0014	0.00055	mg/Kg	☼	10/06/25 07:09	10/07/25 13:06	1
Chlorobenzene	0.0014	U	0.0014	0.00071	mg/Kg	☼	10/06/25 07:09	10/07/25 13:06	1
Chlorobromomethane	0.0014	U	0.0014	0.00084	mg/Kg	☼	10/06/25 07:09	10/07/25 13:06	1
Chlorodibromomethane	0.0014	U	0.0014	0.00076	mg/Kg	☼	10/06/25 07:09	10/07/25 13:06	1
Chloroethane	0.0014	U	0.0014	0.00074	mg/Kg	☼	10/06/25 07:09	10/07/25 13:06	1
Chloroform	0.0014	U	0.0014	0.0014	mg/Kg	☼	10/06/25 07:09	10/07/25 13:06	1
Chloromethane	0.0014	U	0.0014	0.00061	mg/Kg	☼	10/06/25 07:09	10/07/25 13:06	1
cis-1,2-Dichloroethene	0.0014	U	0.0014	0.00050	mg/Kg	☼	10/06/25 07:09	10/07/25 13:06	1
cis-1,3-Dichloropropene	0.0014	U	0.0014	0.00038	mg/Kg	☼	10/06/25 07:09	10/07/25 13:06	1
Cyclohexane	0.0014	U	0.0014	0.00031	mg/Kg	☼	10/06/25 07:09	10/07/25 13:06	1
Dichlorobromomethane	0.0014	U	0.0014	0.00036	mg/Kg	☼	10/06/25 07:09	10/07/25 13:06	1
Dichlorodifluoromethane	0.0014	U	0.0014	0.00048	mg/Kg	☼	10/06/25 07:09	10/07/25 13:06	1
Ethylbenzene	0.0014	U	0.0014	0.00066	mg/Kg	☼	10/06/25 07:09	10/07/25 13:06	1
Ethylene Dibromide	0.0014	U	0.0014	0.00071	mg/Kg	☼	10/06/25 07:09	10/07/25 13:06	1
Isopropylbenzene	0.0014	U	0.0014	0.00040	mg/Kg	☼	10/06/25 07:09	10/07/25 13:06	1
Methyl acetate	0.0070	U	0.0070	0.0061	mg/Kg	☼	10/06/25 07:09	10/07/25 13:06	1
Methyl tert-butyl ether	0.0014	U	0.0014	0.00072	mg/Kg	☼	10/06/25 07:09	10/07/25 13:06	1
Methylcyclohexane	0.0014	U	0.0014	0.00070	mg/Kg	☼	10/06/25 07:09	10/07/25 13:06	1
Methylene Chloride	**0.0046**		0.0028	0.0016	mg/Kg	☼	10/06/25 07:09	10/07/25 13:06	1
m-Xylene & p-Xylene	0.0014	U	0.0014	0.00060	mg/Kg	☼	10/06/25 07:09	10/07/25 13:06	1
n-Butylbenzene	0.0014	U	0.0014	0.00041	mg/Kg	☼	10/06/25 07:09	10/07/25 13:06	1
N-Propylbenzene	0.0014	U	0.0014	0.00063	mg/Kg	☼	10/06/25 07:09	10/07/25 13:06	1
o-Xylene	0.0014	U	0.0014	0.00065	mg/Kg	☼	10/06/25 07:09	10/07/25 13:06	1
sec-Butylbenzene	0.0014	U	0.0014	0.00041	mg/Kg	☼	10/06/25 07:09	10/07/25 13:06	1
Styrene	0.0014	U	0.0014	0.00039	mg/Kg	☼	10/06/25 07:09	10/07/25 13:06	1
tert-Butylbenzene	0.0014	U	0.0014	0.00039	mg/Kg	☼	10/06/25 07:09	10/07/25 13:06	1
Tetrachloroethene	0.0014	U	0.0014	0.00043	mg/Kg	☼	10/06/25 07:09	10/07/25 13:06	1
Toluene	0.0014	U	0.0014	0.00033	mg/Kg	☼	10/06/25 07:09	10/07/25 13:06	1
trans-1,2-Dichloroethene	0.0014	U	0.0014	0.00035	mg/Kg	☼	10/06/25 07:09	10/07/25 13:06	1
trans-1,3-Dichloropropene	0.0014	U	0.0014	0.00037	mg/Kg	☼	10/06/25 07:09	10/07/25 13:06	1
Trichloroethene	0.0014	U	0.0014	0.00045	mg/Kg	☼	10/06/25 07:09	10/07/25 13:06	1
Trichlorofluoromethane	0.0014	U	0.0014	0.00057	mg/Kg	☼	10/06/25 07:09	10/07/25 13:06	1
Vinyl chloride	0.0014	U	0.0014	0.00077	mg/Kg	☼	10/06/25 07:09	10/07/25 13:06	1
Xylenes, Total	0.0028	U	0.0028	0.00025	mg/Kg	☼	10/06/25 07:09	10/07/25 13:06	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,2-Dichloroethane-d4 (Surr)	*110*		*65 - 138*	*10/06/25 07:09*	*10/07/25 13:06*	*1*
4-Bromofluorobenzene	*99*		*71 - 128*	*10/06/25 07:09*	*10/07/25 13:06*	*1*
Dibromofluoromethane (Surr)	*115*		*50 - 150*	*10/06/25 07:09*	*10/07/25 13:06*	*1*
Toluene-d8 (Surr)	*95*		*71 - 126*	*10/06/25 07:09*	*10/07/25 13:06*	*1*

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Percent Moisture (EPA Moisture)	**3.1**		1.0	1.0	%			10/07/25 19:23	1
Percent Solids (EPA Moisture)	**96.9**		1.0	1.0	%			10/07/25 19:23	1

Client Sample ID: 6E1_6-7
Date Collected: 10/02/25 10:20
Date Received: 10/02/25 16:00

Lab Sample ID: 460-336309-29
Matrix: Solid
Percent Solids: 98.2

Method: SW846 8260D - Volatile Organic Compounds by GC/MS

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1-Trichloroethane	0.0015	U	0.0015	0.00035	mg/Kg	☼	10/06/25 07:10	10/07/25 13:29	1
1,1,2,2-Tetrachloroethane	0.0015	U	0.0015	0.00077	mg/Kg	☼	10/06/25 07:10	10/07/25 13:29	1
1,1,2-Trichloro-1,2,2-trifluoroethane	0.0015	U	0.0015	0.00045	mg/Kg	☼	10/06/25 07:10	10/07/25 13:29	1
1,1,2-Trichloroethane	0.0015	U	0.0015	0.00089	mg/Kg	☼	10/06/25 07:10	10/07/25 13:29	1
1,1-Dichloroethane	0.0015	U	0.0015	0.00089	mg/Kg	☼	10/06/25 07:10	10/07/25 13:29	1
1,1-Dichloroethene	0.0015	U	0.0015	0.00033	mg/Kg	☼	10/06/25 07:10	10/07/25 13:29	1
1,2,3-Trichlorobenzene	0.0015	U	0.0015	0.0011	mg/Kg	☼	10/06/25 07:10	10/07/25 13:29	1
1,2,4-Trichlorobenzene	0.0015	U	0.0015	0.00053	mg/Kg	☼	10/06/25 07:10	10/07/25 13:29	1
1,2,4-Trimethylbenzene	0.0015	U	0.0015	0.00036	mg/Kg	☼	10/06/25 07:10	10/07/25 13:29	1
1,2-Dibromo-3-Chloropropane	0.0015	U	0.0015	0.00068	mg/Kg	☼	10/06/25 07:10	10/07/25 13:29	1
1,2-Dichlorobenzene	0.0015	U	0.0015	0.00054	mg/Kg	☼	10/06/25 07:10	10/07/25 13:29	1
1,2-Dichloroethane	0.0015	U	0.0015	0.00044	mg/Kg	☼	10/06/25 07:10	10/07/25 13:29	1
1,2-Dichloropropane	0.0015	U	0.0015	0.00063	mg/Kg	☼	10/06/25 07:10	10/07/25 13:29	1
1,3,5-Trimethylbenzene	0.0015	U	0.0015	0.00047	mg/Kg	☼	10/06/25 07:10	10/07/25 13:29	1
1,3-Dichlorobenzene	0.0015	U	0.0015	0.00054	mg/Kg	☼	10/06/25 07:10	10/07/25 13:29	1
1,4-Dichlorobenzene	0.0015	U	0.0015	0.00077	mg/Kg	☼	10/06/25 07:10	10/07/25 13:29	1
2-Butanone (MEK)	0.0074	U	0.0074	0.00055	mg/Kg	☼	10/06/25 07:10	10/07/25 13:29	1
2-Hexanone	0.0074	U	0.0074	0.0025	mg/Kg	☼	10/06/25 07:10	10/07/25 13:29	1
4-Methyl-2-pentanone (MIBK)	0.0074	U	0.0074	0.0023	mg/Kg	☼	10/06/25 07:10	10/07/25 13:29	1
Acetone	0.0089	U	0.0089	0.0085	mg/Kg	☼	10/06/25 07:10	10/07/25 13:29	1
Benzene	0.0015	U	0.0015	0.00084	mg/Kg	☼	10/06/25 07:10	10/07/25 13:29	1
Bromoform	0.0015	U	0.0015	0.00063	mg/Kg	☼	10/06/25 07:10	10/07/25 13:29	1
Bromomethane	0.0030	U	0.0030	0.0015	mg/Kg	☼	10/06/25 07:10	10/07/25 13:29	1
Carbon disulfide	0.0015	U	0.0015	0.00039	mg/Kg	☼	10/06/25 07:10	10/07/25 13:29	1
Carbon tetrachloride	0.0015	U	0.0015	0.00057	mg/Kg	☼	10/06/25 07:10	10/07/25 13:29	1
Chlorobenzene	0.0015	U	0.0015	0.00075	mg/Kg	☼	10/06/25 07:10	10/07/25 13:29	1
Chlorobromomethane	0.0015	U	0.0015	0.00088	mg/Kg	☼	10/06/25 07:10	10/07/25 13:29	1
Chlorodibromomethane	0.0015	U	0.0015	0.00080	mg/Kg	☼	10/06/25 07:10	10/07/25 13:29	1
Chloroethane	0.0015	U	0.0015	0.00077	mg/Kg	☼	10/06/25 07:10	10/07/25 13:29	1
Chloroform	0.0015	U	0.0015	0.0014	mg/Kg	☼	10/06/25 07:10	10/07/25 13:29	1
Chloromethane	0.0015	U	0.0015	0.00064	mg/Kg	☼	10/06/25 07:10	10/07/25 13:29	1
cis-1,2-Dichloroethene	0.0015	U	0.0015	0.00053	mg/Kg	☼	10/06/25 07:10	10/07/25 13:29	1
cis-1,3-Dichloropropene	0.0015	U	0.0015	0.00040	mg/Kg	☼	10/06/25 07:10	10/07/25 13:29	1
Cyclohexane	0.0015	U	0.0015	0.00033	mg/Kg	☼	10/06/25 07:10	10/07/25 13:29	1
Dichlorobromomethane	0.0015	U	0.0015	0.00038	mg/Kg	☼	10/06/25 07:10	10/07/25 13:29	1
Dichlorodifluoromethane	0.0015	U	0.0015	0.00050	mg/Kg	☼	10/06/25 07:10	10/07/25 13:29	1
Ethylbenzene	0.0015	U	0.0015	0.00069	mg/Kg	☼	10/06/25 07:10	10/07/25 13:29	1
Ethylene Dibromide	0.0015	U	0.0015	0.00075	mg/Kg	☼	10/06/25 07:10	10/07/25 13:29	1
Isopropylbenzene	0.0015	U	0.0015	0.00042	mg/Kg	☼	10/06/25 07:10	10/07/25 13:29	1
Methyl acetate	0.0074	U	0.0074	0.0064	mg/Kg	☼	10/06/25 07:10	10/07/25 13:29	1
Methyl tert-butyl ether	0.0015	U	0.0015	0.00076	mg/Kg	☼	10/06/25 07:10	10/07/25 13:29	1
Methylcyclohexane	0.0015	U	0.0015	0.00074	mg/Kg	☼	10/06/25 07:10	10/07/25 13:29	1
Methylene Chloride	**0.0028**	**J**	0.0030	0.0017	mg/Kg	☼	10/06/25 07:10	10/07/25 13:29	1
m-Xylene & p-Xylene	0.0015	U	0.0015	0.00063	mg/Kg	☼	10/06/25 07:10	10/07/25 13:29	1
n-Butylbenzene	0.0015	U	0.0015	0.00044	mg/Kg	☼	10/06/25 07:10	10/07/25 13:29	1
N-Propylbenzene	0.0015	U	0.0015	0.00067	mg/Kg	☼	10/06/25 07:10	10/07/25 13:29	1
o-Xylene	0.0015	U	0.0015	0.00068	mg/Kg	☼	10/06/25 07:10	10/07/25 13:29	1
sec-Butylbenzene	0.0015	U	0.0015	0.00043	mg/Kg	☼	10/06/25 07:10	10/07/25 13:29	1
Styrene	0.0015	U	0.0015	0.00041	mg/Kg	☼	10/06/25 07:10	10/07/25 13:29	1

Client Sample ID: 6E1_6-7

Date Collected: 10/02/25 10:20
Date Received: 10/02/25 16:00

Lab Sample ID: 460-336309-29

Matrix: Solid
Percent Solids: 98.2

Method: SW846 8260D - Volatile Organic Compounds by GC/MS (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
tert-Butylbenzene	0.0015	U	0.0015	0.00041	mg/Kg	☼	10/06/25 07:10	10/07/25 13:29	1
Tetrachloroethene	0.0015	U	0.0015	0.00045	mg/Kg	☼	10/06/25 07:10	10/07/25 13:29	1
Toluene	0.0015	U	0.0015	0.00035	mg/Kg	☼	10/06/25 07:10	10/07/25 13:29	1
trans-1,2-Dichloroethene	0.0015	U	0.0015	0.00036	mg/Kg	☼	10/06/25 07:10	10/07/25 13:29	1
trans-1,3-Dichloropropene	0.0015	U	0.0015	0.00039	mg/Kg	☼	10/06/25 07:10	10/07/25 13:29	1
Trichloroethene	0.0015	U	0.0015	0.00048	mg/Kg	☼	10/06/25 07:10	10/07/25 13:29	1
Trichlorofluoromethane	0.0015	U	0.0015	0.00060	mg/Kg	☼	10/06/25 07:10	10/07/25 13:29	1
Vinyl chloride	0.0015	U	0.0015	0.00081	mg/Kg	☼	10/06/25 07:10	10/07/25 13:29	1
Xylenes, Total	0.0030	U	0.0030	0.00026	mg/Kg	☼	10/06/25 07:10	10/07/25 13:29	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,2-Dichloroethane-d4 (Surr)	*108*		*65 - 138*	*10/06/25 07:10*	*10/07/25 13:29*	*1*
4-Bromofluorobenzene	*98*		*71 - 128*	*10/06/25 07:10*	*10/07/25 13:29*	*1*
Dibromofluoromethane (Surr)	*113*		*50 - 150*	*10/06/25 07:10*	*10/07/25 13:29*	*1*
Toluene-d8 (Surr)	*96*		*71 - 126*	*10/06/25 07:10*	*10/07/25 13:29*	*1*

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Percent Moisture (EPA Moisture)	**1.8**		1.0	1.0	%			10/07/25 19:23	1
Percent Solids (EPA Moisture)	**98.2**		1.0	1.0	%			10/07/25 19:23	1

Client Sample ID: 6E2_7-8

Date Collected: 10/02/25 10:25
Date Received: 10/02/25 16:00

Lab Sample ID: 460-336309-30

Matrix: Solid
Percent Solids: 98.1

Method: SW846 8260D - Volatile Organic Compounds by GC/MS

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1-Trichloroethane	0.0014	U	0.0014	0.00033	mg/Kg	☼	10/06/25 07:10	10/08/25 15:13	1
1,1,2,2-Tetrachloroethane	0.0014	U	0.0014	0.00074	mg/Kg	☼	10/06/25 07:10	10/08/25 15:13	1
1,1,2-Trichloro-1,2,2-trifluoroethane	0.0014	U	0.0014	0.00042	mg/Kg	☼	10/06/25 07:10	10/08/25 15:13	1
1,1,2-Trichloroethane	0.0014	U	0.0014	0.00085	mg/Kg	☼	10/06/25 07:10	10/08/25 15:13	1
1,1-Dichloroethane	0.0014	U	0.0014	0.00084	mg/Kg	☼	10/06/25 07:10	10/08/25 15:13	1
1,1-Dichloroethene	0.0014	U	0.0014	0.00032	mg/Kg	☼	10/06/25 07:10	10/08/25 15:13	1
1,2,3-Trichlorobenzene	0.0014	U	0.0014	0.0010	mg/Kg	☼	10/06/25 07:10	10/08/25 15:13	1
1,2,4-Trichlorobenzene	0.0014	U	0.0014	0.00050	mg/Kg	☼	10/06/25 07:10	10/08/25 15:13	1
1,2,4-Trimethylbenzene	0.0014	U	0.0014	0.00035	mg/Kg	☼	10/06/25 07:10	10/08/25 15:13	1
1,2-Dibromo-3-Chloropropane	0.0014	U	0.0014	0.00065	mg/Kg	☼	10/06/25 07:10	10/08/25 15:13	1
1,2-Dichlorobenzene	0.0014	U	0.0014	0.00051	mg/Kg	☼	10/06/25 07:10	10/08/25 15:13	1
1,2-Dichloroethane	0.0014	U	0.0014	0.00042	mg/Kg	☼	10/06/25 07:10	10/08/25 15:13	1
1,2-Dichloropropane	0.0014	U	0.0014	0.00060	mg/Kg	☼	10/06/25 07:10	10/08/25 15:13	1
1,3,5-Trimethylbenzene	0.0014	U	0.0014	0.00044	mg/Kg	☼	10/06/25 07:10	10/08/25 15:13	1
1,3-Dichlorobenzene	0.0014	U	0.0014	0.00051	mg/Kg	☼	10/06/25 07:10	10/08/25 15:13	1
1,4-Dichlorobenzene	0.0014	U	0.0014	0.00073	mg/Kg	☼	10/06/25 07:10	10/08/25 15:13	1
2-Butanone (MEK)	0.0071	U	0.0071	0.00052	mg/Kg	☼	10/06/25 07:10	10/08/25 15:13	1
2-Hexanone	0.0071	U	0.0071	0.0024	mg/Kg	☼	10/06/25 07:10	10/08/25 15:13	1
4-Methyl-2-pentanone (MIBK)	0.0071	U	0.0071	0.0022	mg/Kg	☼	10/06/25 07:10	10/08/25 15:13	1
Acetone	0.0085	U	0.0085	0.0081	mg/Kg	☼	10/06/25 07:10	10/08/25 15:13	1
Benzene	0.0014	U	0.0014	0.00080	mg/Kg	☼	10/06/25 07:10	10/08/25 15:13	1
Bromoform	0.0014	U	0.0014	0.00060	mg/Kg	☼	10/06/25 07:10	10/08/25 15:13	1
Bromomethane	0.0028	U *	0.0028	0.0014	mg/Kg	☼	10/06/25 07:10	10/08/25 15:13	1

Client Sample ID: 6E2_7-8
Date Collected: 10/02/25 10:25
Date Received: 10/02/25 16:00

Lab Sample ID: 460-336309-30
Matrix: Solid
Percent Solids: 98.1

Method: SW846 8260D - Volatile Organic Compounds by GC/MS (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Carbon disulfide	0.0014	U	0.0014	0.00038	mg/Kg	☼	10/06/25 07:10	10/08/25 15:13	1
Carbon tetrachloride	0.0014	U	0.0014	0.00055	mg/Kg	☼	10/06/25 07:10	10/08/25 15:13	1
Chlorobenzene	0.0014	U	0.0014	0.00071	mg/Kg	☼	10/06/25 07:10	10/08/25 15:13	1
Chlorobromomethane	0.0014	U	0.0014	0.00084	mg/Kg	☼	10/06/25 07:10	10/08/25 15:13	1
Chlorodibromomethane	0.0014	U	0.0014	0.00076	mg/Kg	☼	10/06/25 07:10	10/08/25 15:13	1
Chloroethane	0.0014	U	0.0014	0.00074	mg/Kg	☼	10/06/25 07:10	10/08/25 15:13	1
Chloroform	0.0014	U	0.0014	0.0014	mg/Kg	☼	10/06/25 07:10	10/08/25 15:13	1
Chloromethane	0.0014	U	0.0014	0.00061	mg/Kg	☼	10/06/25 07:10	10/08/25 15:13	1
cis-1,2-Dichloroethene	0.0014	U	0.0014	0.00050	mg/Kg	☼	10/06/25 07:10	10/08/25 15:13	1
cis-1,3-Dichloropropene	0.0014	U	0.0014	0.00038	mg/Kg	☼	10/06/25 07:10	10/08/25 15:13	1
Cyclohexane	0.0014	U	0.0014	0.00031	mg/Kg	☼	10/06/25 07:10	10/08/25 15:13	1
Dichlorobromomethane	0.0014	U	0.0014	0.00036	mg/Kg	☼	10/06/25 07:10	10/08/25 15:13	1
Dichlorodifluoromethane	0.0014	U	0.0014	0.00048	mg/Kg	☼	10/06/25 07:10	10/08/25 15:13	1
Ethylbenzene	0.0014	U	0.0014	0.00066	mg/Kg	☼	10/06/25 07:10	10/08/25 15:13	1
Ethylene Dibromide	0.0014	U	0.0014	0.00071	mg/Kg	☼	10/06/25 07:10	10/08/25 15:13	1
Isopropylbenzene	0.0014	U	0.0014	0.00040	mg/Kg	☼	10/06/25 07:10	10/08/25 15:13	1
Methyl acetate	0.0071	U	0.0071	0.0061	mg/Kg	☼	10/06/25 07:10	10/08/25 15:13	1
Methyl tert-butyl ether	0.0014	U	0.0014	0.00072	mg/Kg	☼	10/06/25 07:10	10/08/25 15:13	1
Methylcyclohexane	0.0014	U	0.0014	0.00070	mg/Kg	☼	10/06/25 07:10	10/08/25 15:13	1
Methylene Chloride	**0.0035**		0.0028	0.0016	mg/Kg	☼	10/06/25 07:10	10/08/25 15:13	1
m-Xylene & p-Xylene	0.0014	U	0.0014	0.00060	mg/Kg	☼	10/06/25 07:10	10/08/25 15:13	1
n-Butylbenzene	0.0014	U	0.0014	0.00041	mg/Kg	☼	10/06/25 07:10	10/08/25 15:13	1
N-Propylbenzene	0.0014	U	0.0014	0.00063	mg/Kg	☼	10/06/25 07:10	10/08/25 15:13	1
o-Xylene	0.0014	U	0.0014	0.00065	mg/Kg	☼	10/06/25 07:10	10/08/25 15:13	1
sec-Butylbenzene	0.0014	U	0.0014	0.00041	mg/Kg	☼	10/06/25 07:10	10/08/25 15:13	1
Styrene	0.0014	U	0.0014	0.00039	mg/Kg	☼	10/06/25 07:10	10/08/25 15:13	1
tert-Butylbenzene	0.0014	U	0.0014	0.00039	mg/Kg	☼	10/06/25 07:10	10/08/25 15:13	1
Tetrachloroethene	0.0014	U	0.0014	0.00043	mg/Kg	☼	10/06/25 07:10	10/08/25 15:13	1
Toluene	0.0014	U	0.0014	0.00033	mg/Kg	☼	10/06/25 07:10	10/08/25 15:13	1
trans-1,2-Dichloroethene	0.0014	U	0.0014	0.00035	mg/Kg	☼	10/06/25 07:10	10/08/25 15:13	1
trans-1,3-Dichloropropene	0.0014	U	0.0014	0.00038	mg/Kg	☼	10/06/25 07:10	10/08/25 15:13	1
Trichloroethene	0.0014	U	0.0014	0.00045	mg/Kg	☼	10/06/25 07:10	10/08/25 15:13	1
Trichlorofluoromethane	0.0014	U	0.0014	0.00057	mg/Kg	☼	10/06/25 07:10	10/08/25 15:13	1
Vinyl chloride	0.0014	U	0.0014	0.00077	mg/Kg	☼	10/06/25 07:10	10/08/25 15:13	1
Xylenes, Total	0.0028	U	0.0028	0.00025	mg/Kg	☼	10/06/25 07:10	10/08/25 15:13	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,2-Dichloroethane-d4 (Surr)	*113*		*65 - 138*	*10/06/25 07:10*	*10/08/25 15:13*	*1*
4-Bromofluorobenzene	*98*		*71 - 128*	*10/06/25 07:10*	*10/08/25 15:13*	*1*
Dibromofluoromethane (Surr)	*119*		*50 - 150*	*10/06/25 07:10*	*10/08/25 15:13*	*1*
Toluene-d8 (Surr)	*95*		*71 - 126*	*10/06/25 07:10*	*10/08/25 15:13*	*1*

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Percent Moisture (EPA Moisture)	**1.9**		1.0	1.0	%			10/07/25 19:23	1
Percent Solids (EPA Moisture)	**98.1**		1.0	1.0	%			10/07/25 19:23	1

Client: Haley & Aldrich, Inc.
Project/Site: Former Port Mobil

Job ID: 460-336309-1

Client Sample ID: 6E3_8-9
Date Collected: 10/02/25 10:30
Date Received: 10/02/25 16:00

Lab Sample ID: 460-336309-31
Matrix: Solid
Percent Solids: 95.8

Method: SW846 8260D - Volatile Organic Compounds by GC/MS

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1-Trichloroethane	0.0014	U	0.0014	0.00033	mg/Kg	☼	10/06/25 07:10	10/07/25 14:16	1
1,1,2,2-Tetrachloroethane	0.0014	U	0.0014	0.00074	mg/Kg	☼	10/06/25 07:10	10/07/25 14:16	1
1,1,2-Trichloro-1,2,2-trifluoroethane	0.0014	U	0.0014	0.00043	mg/Kg	☼	10/06/25 07:10	10/07/25 14:16	1
1,1,2-Trichloroethane	0.0014	U	0.0014	0.00085	mg/Kg	☼	10/06/25 07:10	10/07/25 14:16	1
1,1-Dichloroethane	0.0014	U	0.0014	0.00085	mg/Kg	☼	10/06/25 07:10	10/07/25 14:16	1
1,1-Dichloroethene	0.0014	U	0.0014	0.00032	mg/Kg	☼	10/06/25 07:10	10/07/25 14:16	1
1,2,3-Trichlorobenzene	0.0014	U	0.0014	0.0010	mg/Kg	☼	10/06/25 07:10	10/07/25 14:16	1
1,2,4-Trichlorobenzene	0.0014	U	0.0014	0.00051	mg/Kg	☼	10/06/25 07:10	10/07/25 14:16	1
1,2,4-Trimethylbenzene	0.0014	U	0.0014	0.00035	mg/Kg	☼	10/06/25 07:10	10/07/25 14:16	1
1,2-Dibromo-3-Chloropropane	0.0014	U	0.0014	0.00065	mg/Kg	☼	10/06/25 07:10	10/07/25 14:16	1
1,2-Dichlorobenzene	0.0014	U	0.0014	0.00051	mg/Kg	☼	10/06/25 07:10	10/07/25 14:16	1
1,2-Dichloroethane	0.0014	U	0.0014	0.00042	mg/Kg	☼	10/06/25 07:10	10/07/25 14:16	1
1,2-Dichloropropane	0.0014	U	0.0014	0.00060	mg/Kg	☼	10/06/25 07:10	10/07/25 14:16	1
1,3,5-Trimethylbenzene	0.0014	U	0.0014	0.00045	mg/Kg	☼	10/06/25 07:10	10/07/25 14:16	1
1,3-Dichlorobenzene	0.0014	U	0.0014	0.00052	mg/Kg	☼	10/06/25 07:10	10/07/25 14:16	1
1,4-Dichlorobenzene	0.0014	U	0.0014	0.00074	mg/Kg	☼	10/06/25 07:10	10/07/25 14:16	1
2-Butanone (MEK)	0.0071	U	0.0071	0.00052	mg/Kg	☼	10/06/25 07:10	10/07/25 14:16	1
2-Hexanone	0.0071	U	0.0071	0.0024	mg/Kg	☼	10/06/25 07:10	10/07/25 14:16	1
4-Methyl-2-pentanone (MIBK)	0.0071	U	0.0071	0.0022	mg/Kg	☼	10/06/25 07:10	10/07/25 14:16	1
Acetone	0.0085	U	0.0085	0.0081	mg/Kg	☼	10/06/25 07:10	10/07/25 14:16	1
Benzene	0.0014	U	0.0014	0.00080	mg/Kg	☼	10/06/25 07:10	10/07/25 14:16	1
Bromoform	0.0014	U	0.0014	0.00060	mg/Kg	☼	10/06/25 07:10	10/07/25 14:16	1
Bromomethane	0.0028	U	0.0028	0.0014	mg/Kg	☼	10/06/25 07:10	10/07/25 14:16	1
Carbon disulfide	0.0014	U	0.0014	0.00038	mg/Kg	☼	10/06/25 07:10	10/07/25 14:16	1
Carbon tetrachloride	0.0014	U	0.0014	0.00055	mg/Kg	☼	10/06/25 07:10	10/07/25 14:16	1
Chlorobenzene	0.0014	U	0.0014	0.00072	mg/Kg	☼	10/06/25 07:10	10/07/25 14:16	1
Chlorobromomethane	0.0014	U	0.0014	0.00085	mg/Kg	☼	10/06/25 07:10	10/07/25 14:16	1
Chlorodibromomethane	0.0014	U	0.0014	0.00076	mg/Kg	☼	10/06/25 07:10	10/07/25 14:16	1
Chloroethane	0.0014	U	0.0014	0.00074	mg/Kg	☼	10/06/25 07:10	10/07/25 14:16	1
Chloroform	0.0014	U	0.0014	0.0014	mg/Kg	☼	10/06/25 07:10	10/07/25 14:16	1
Chloromethane	0.0014	U	0.0014	0.00062	mg/Kg	☼	10/06/25 07:10	10/07/25 14:16	1
cis-1,2-Dichloroethene	0.0014	U	0.0014	0.00051	mg/Kg	☼	10/06/25 07:10	10/07/25 14:16	1
cis-1,3-Dichloropropene	0.0014	U	0.0014	0.00039	mg/Kg	☼	10/06/25 07:10	10/07/25 14:16	1
Cyclohexane	0.0014	U	0.0014	0.00031	mg/Kg	☼	10/06/25 07:10	10/07/25 14:16	1
Dichlorobromomethane	0.0014	U	0.0014	0.00036	mg/Kg	☼	10/06/25 07:10	10/07/25 14:16	1
Dichlorodifluoromethane	0.0014	U	0.0014	0.00048	mg/Kg	☼	10/06/25 07:10	10/07/25 14:16	1
Ethylbenzene	0.0014	U	0.0014	0.00066	mg/Kg	☼	10/06/25 07:10	10/07/25 14:16	1
Ethylene Dibromide	0.0014	U	0.0014	0.00071	mg/Kg	☼	10/06/25 07:10	10/07/25 14:16	1
Isopropylbenzene	0.0014	U	0.0014	0.00040	mg/Kg	☼	10/06/25 07:10	10/07/25 14:16	1
Methyl acetate	0.0071	U	0.0071	0.0061	mg/Kg	☼	10/06/25 07:10	10/07/25 14:16	1
Methyl tert-butyl ether	0.0014	U	0.0014	0.00073	mg/Kg	☼	10/06/25 07:10	10/07/25 14:16	1
Methylcyclohexane	0.0014	U	0.0014	0.00071	mg/Kg	☼	10/06/25 07:10	10/07/25 14:16	1
Methylene Chloride	**0.0068**		0.0028	0.0016	mg/Kg	☼	10/06/25 07:10	10/07/25 14:16	1
m-Xylene & p-Xylene	0.0014	U	0.0014	0.00060	mg/Kg	☼	10/06/25 07:10	10/07/25 14:16	1
n-Butylbenzene	0.0014	U	0.0014	0.00042	mg/Kg	☼	10/06/25 07:10	10/07/25 14:16	1
N-Propylbenzene	0.0014	U	0.0014	0.00064	mg/Kg	☼	10/06/25 07:10	10/07/25 14:16	1
o-Xylene	0.0014	U	0.0014	0.00065	mg/Kg	☼	10/06/25 07:10	10/07/25 14:16	1
sec-Butylbenzene	0.0014	U	0.0014	0.00041	mg/Kg	☼	10/06/25 07:10	10/07/25 14:16	1
Styrene	0.0014	U	0.0014	0.00039	mg/Kg	☼	10/06/25 07:10	10/07/25 14:16	1

Client Sample ID: 6E3_8-9

Lab Sample ID: 460-336309-31

Date Collected: 10/02/25 10:30
Matrix: Solid
Date Received: 10/02/25 16:00
Percent Solids: 95.8

Method: SW846 8260D - Volatile Organic Compounds by GC/MS (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
tert-Butylbenzene	0.0014	U	0.0014	0.00039	mg/Kg	☼	10/06/25 07:10	10/07/25 14:16	1
Tetrachloroethene	0.0014	U	0.0014	0.00043	mg/Kg	☼	10/06/25 07:10	10/07/25 14:16	1
Toluene	0.0014	U	0.0014	0.00033	mg/Kg	☼	10/06/25 07:10	10/07/25 14:16	1
trans-1,2-Dichloroethene	0.0014	U	0.0014	0.00035	mg/Kg	☼	10/06/25 07:10	10/07/25 14:16	1
trans-1,3-Dichloropropene	0.0014	U	0.0014	0.00038	mg/Kg	☼	10/06/25 07:10	10/07/25 14:16	1
Trichloroethene	0.0014	U	0.0014	0.00046	mg/Kg	☼	10/06/25 07:10	10/07/25 14:16	1
Trichlorofluoromethane	0.0014	U	0.0014	0.00058	mg/Kg	☼	10/06/25 07:10	10/07/25 14:16	1
Vinyl chloride	0.0014	U	0.0014	0.00077	mg/Kg	☼	10/06/25 07:10	10/07/25 14:16	1
Xylenes, Total	0.0028	U	0.0028	0.00025	mg/Kg	☼	10/06/25 07:10	10/07/25 14:16	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,2-Dichloroethane-d4 (Surr)	*112*		*65 - 138*	*10/06/25 07:10*	*10/07/25 14:16*	*1*
4-Bromofluorobenzene	*98*		*71 - 128*	*10/06/25 07:10*	*10/07/25 14:16*	*1*
Dibromofluoromethane (Surr)	*116*		*50 - 150*	*10/06/25 07:10*	*10/07/25 14:16*	*1*
Toluene-d8 (Surr)	*95*		*71 - 126*	*10/06/25 07:10*	*10/07/25 14:16*	*1*

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Percent Moisture (EPA Moisture)	**4.2**		1.0	1.0	%			10/07/25 19:23	1
Percent Solids (EPA Moisture)	**95.8**		1.0	1.0	%			10/07/25 19:23	1

Client Sample ID: 6E3_11-12

Lab Sample ID: 460-336309-32

Date Collected: 10/02/25 10:35
Matrix: Solid
Date Received: 10/02/25 16:00
Percent Solids: 95.1

Method: SW846 8260D - Volatile Organic Compounds by GC/MS

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1-Trichloroethane	0.0013	U	0.0013	0.00030	mg/Kg	☼	10/06/25 07:11	10/07/25 14:39	1
1,1,2,2-Tetrachloroethane	0.0013	U	0.0013	0.00066	mg/Kg	☼	10/06/25 07:11	10/07/25 14:39	1
1,1,2-Trichloro-1,2,2-trifluoroethane	0.0013	U	0.0013	0.00038	mg/Kg	☼	10/06/25 07:11	10/07/25 14:39	1
1,1,2-Trichloroethane	0.0013	U	0.0013	0.00076	mg/Kg	☼	10/06/25 07:11	10/07/25 14:39	1
1,1-Dichloroethane	0.0013	U	0.0013	0.00076	mg/Kg	☼	10/06/25 07:11	10/07/25 14:39	1
1,1-Dichloroethene	0.0013	U	0.0013	0.00029	mg/Kg	☼	10/06/25 07:11	10/07/25 14:39	1
1,2,3-Trichlorobenzene	0.0013	U	0.0013	0.00094	mg/Kg	☼	10/06/25 07:11	10/07/25 14:39	1
1,2,4-Trichlorobenzene	0.0013	U	0.0013	0.00046	mg/Kg	☼	10/06/25 07:11	10/07/25 14:39	1
1,2,4-Trimethylbenzene	0.0013	U	0.0013	0.00031	mg/Kg	☼	10/06/25 07:11	10/07/25 14:39	1
1,2-Dibromo-3-Chloropropane	0.0013	U	0.0013	0.00059	mg/Kg	☼	10/06/25 07:11	10/07/25 14:39	1
1,2-Dichlorobenzene	0.0013	U	0.0013	0.00046	mg/Kg	☼	10/06/25 07:11	10/07/25 14:39	1
1,2-Dichloroethane	0.0013	U	0.0013	0.00038	mg/Kg	☼	10/06/25 07:11	10/07/25 14:39	1
1,2-Dichloropropane	0.0013	U	0.0013	0.00054	mg/Kg	☼	10/06/25 07:11	10/07/25 14:39	1
1,3,5-Trimethylbenzene	0.0013	U	0.0013	0.00040	mg/Kg	☼	10/06/25 07:11	10/07/25 14:39	1
1,3-Dichlorobenzene	0.0013	U	0.0013	0.00046	mg/Kg	☼	10/06/25 07:11	10/07/25 14:39	1
1,4-Dichlorobenzene	0.0013	U	0.0013	0.00066	mg/Kg	☼	10/06/25 07:11	10/07/25 14:39	1
2-Butanone (MEK)	0.0064	U	0.0064	0.00047	mg/Kg	☼	10/06/25 07:11	10/07/25 14:39	1
2-Hexanone	0.0064	U	0.0064	0.0022	mg/Kg	☼	10/06/25 07:11	10/07/25 14:39	1
4-Methyl-2-pentanone (MIBK)	0.0064	U	0.0064	0.0020	mg/Kg	☼	10/06/25 07:11	10/07/25 14:39	1
Acetone	0.0076	U	0.0076	0.0073	mg/Kg	☼	10/06/25 07:11	10/07/25 14:39	1
Benzene	0.0013	U	0.0013	0.00072	mg/Kg	☼	10/06/25 07:11	10/07/25 14:39	1
Bromoform	0.0013	U	0.0013	0.00054	mg/Kg	☼	10/06/25 07:11	10/07/25 14:39	1
Bromomethane	0.0025	U	0.0025	0.0013	mg/Kg	☼	10/06/25 07:11	10/07/25 14:39	1

Client Sample ID: 6E3_11-12
Date Collected: 10/02/25 10:35
Date Received: 10/02/25 16:00

Lab Sample ID: 460-336309-32
Matrix: Solid
Percent Solids: 95.1

Method: SW846 8260D - Volatile Organic Compounds by GC/MS (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Carbon disulfide	0.0013	U	0.0013	0.00034	mg/Kg	☼	10/06/25 07:11	10/07/25 14:39	1
Carbon tetrachloride	0.0013	U	0.0013	0.00049	mg/Kg	☼	10/06/25 07:11	10/07/25 14:39	1
Chlorobenzene	0.0013	U	0.0013	0.00064	mg/Kg	☼	10/06/25 07:11	10/07/25 14:39	1
Chlorobromomethane	0.0013	U	0.0013	0.00076	mg/Kg	☼	10/06/25 07:11	10/07/25 14:39	1
Chlorodibromomethane	0.0013	U	0.0013	0.00068	mg/Kg	☼	10/06/25 07:11	10/07/25 14:39	1
Chloroethane	0.0013	U	0.0013	0.00066	mg/Kg	☼	10/06/25 07:11	10/07/25 14:39	1
Chloroform	0.0013	U	0.0013	0.0012	mg/Kg	☼	10/06/25 07:11	10/07/25 14:39	1
Chloromethane	0.0013	U	0.0013	0.00055	mg/Kg	☼	10/06/25 07:11	10/07/25 14:39	1
cis-1,2-Dichloroethene	0.0013	U	0.0013	0.00046	mg/Kg	☼	10/06/25 07:11	10/07/25 14:39	1
cis-1,3-Dichloropropene	0.0013	U	0.0013	0.00035	mg/Kg	☼	10/06/25 07:11	10/07/25 14:39	1
Cyclohexane	0.0013	U	0.0013	0.00028	mg/Kg	☼	10/06/25 07:11	10/07/25 14:39	1
Dichlorobromomethane	0.0013	U	0.0013	0.00033	mg/Kg	☼	10/06/25 07:11	10/07/25 14:39	1
Dichlorodifluoromethane	0.0013	U	0.0013	0.00043	mg/Kg	☼	10/06/25 07:11	10/07/25 14:39	1
Ethylbenzene	0.0013	U	0.0013	0.00060	mg/Kg	☼	10/06/25 07:11	10/07/25 14:39	1
Ethylene Dibromide	0.0013	U	0.0013	0.00064	mg/Kg	☼	10/06/25 07:11	10/07/25 14:39	1
Isopropylbenzene	0.0013	U	0.0013	0.00036	mg/Kg	☼	10/06/25 07:11	10/07/25 14:39	1
Methyl acetate	0.0064	U	0.0064	0.0055	mg/Kg	☼	10/06/25 07:11	10/07/25 14:39	1
Methyl tert-butyl ether	0.0013	U	0.0013	0.00065	mg/Kg	☼	10/06/25 07:11	10/07/25 14:39	1
Methylcyclohexane	0.0013	U	0.0013	0.00063	mg/Kg	☼	10/06/25 07:11	10/07/25 14:39	1
Methylene Chloride	**0.0045**		0.0025	0.0015	mg/Kg	☼	10/06/25 07:11	10/07/25 14:39	1
m-Xylene & p-Xylene	0.0013	U	0.0013	0.00054	mg/Kg	☼	10/06/25 07:11	10/07/25 14:39	1
n-Butylbenzene	0.0013	U	0.0013	0.00037	mg/Kg	☼	10/06/25 07:11	10/07/25 14:39	1
N-Propylbenzene	0.0013	U	0.0013	0.00057	mg/Kg	☼	10/06/25 07:11	10/07/25 14:39	1
o-Xylene	0.0013	U	0.0013	0.00059	mg/Kg	☼	10/06/25 07:11	10/07/25 14:39	1
sec-Butylbenzene	0.0013	U	0.0013	0.00037	mg/Kg	☼	10/06/25 07:11	10/07/25 14:39	1
Styrene	0.0013	U	0.0013	0.00035	mg/Kg	☼	10/06/25 07:11	10/07/25 14:39	1
tert-Butylbenzene	0.0013	U	0.0013	0.00035	mg/Kg	☼	10/06/25 07:11	10/07/25 14:39	1
Tetrachloroethene	0.0013	U	0.0013	0.00039	mg/Kg	☼	10/06/25 07:11	10/07/25 14:39	1
Toluene	0.0013	U	0.0013	0.00030	mg/Kg	☼	10/06/25 07:11	10/07/25 14:39	1
trans-1,2-Dichloroethene	0.0013	U	0.0013	0.00031	mg/Kg	☼	10/06/25 07:11	10/07/25 14:39	1
trans-1,3-Dichloropropene	0.0013	U	0.0013	0.00034	mg/Kg	☼	10/06/25 07:11	10/07/25 14:39	1
Trichloroethene	0.0013	U	0.0013	0.00041	mg/Kg	☼	10/06/25 07:11	10/07/25 14:39	1
Trichlorofluoromethane	0.0013	U	0.0013	0.00052	mg/Kg	☼	10/06/25 07:11	10/07/25 14:39	1
Vinyl chloride	0.0013	U	0.0013	0.00069	mg/Kg	☼	10/06/25 07:11	10/07/25 14:39	1
Xylenes, Total	0.0025	U	0.0025	0.00022	mg/Kg	☼	10/06/25 07:11	10/07/25 14:39	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,2-Dichloroethane-d4 (Surr)	*113*		*65 - 138*	*10/06/25 07:11*	*10/07/25 14:39*	*1*
4-Bromofluorobenzene	*97*		*71 - 128*	*10/06/25 07:11*	*10/07/25 14:39*	*1*
Dibromofluoromethane (Surr)	*117*		*50 - 150*	*10/06/25 07:11*	*10/07/25 14:39*	*1*
Toluene-d8 (Surr)	*95*		*71 - 126*	*10/06/25 07:11*	*10/07/25 14:39*	*1*

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Percent Moisture (EPA Moisture)	**4.9**		1.0	1.0	%			10/07/25 19:23	1
Percent Solids (EPA Moisture)	**95.1**		1.0	1.0	%			10/07/25 19:23	1

Client: Haley & Aldrich, Inc.
Project/Site: Former Port Mobil

Job ID: 460-336309-1

Client Sample ID: 6F1_1-2
Date Collected: 10/02/25 10:40
Date Received: 10/02/25 16:00

Lab Sample ID: 460-336309-33
Matrix: Solid
Percent Solids: 95.8

Method: SW846 8260D - Volatile Organic Compounds by GC/MS

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1-Trichloroethane	0.0013	U	0.0013	0.00030	mg/Kg	☼	10/06/25 07:11	10/07/25 15:02	1
1,1,2,2-Tetrachloroethane	0.0013	U	0.0013	0.00067	mg/Kg	☼	10/06/25 07:11	10/07/25 15:02	1
1,1,2-Trichloro-1,2,2-trifluoroethane	0.0013	U	0.0013	0.00039	mg/Kg	☼	10/06/25 07:11	10/07/25 15:02	1
1,1,2-Trichloroethane	0.0013	U	0.0013	0.00077	mg/Kg	☼	10/06/25 07:11	10/07/25 15:02	1
1,1-Dichloroethane	0.0013	U	0.0013	0.00077	mg/Kg	☼	10/06/25 07:11	10/07/25 15:02	1
1,1-Dichloroethene	0.0013	U	0.0013	0.00029	mg/Kg	☼	10/06/25 07:11	10/07/25 15:02	1
1,2,3-Trichlorobenzene	0.0013	U	0.0013	0.00095	mg/Kg	☼	10/06/25 07:11	10/07/25 15:02	1
1,2,4-Trichlorobenzene	0.0013	U	0.0013	0.00046	mg/Kg	☼	10/06/25 07:11	10/07/25 15:02	1
1,2,4-Trimethylbenzene	0.0013	U	0.0013	0.00032	mg/Kg	☼	10/06/25 07:11	10/07/25 15:02	1
1,2-Dibromo-3-Chloropropane	0.0013	U	0.0013	0.00059	mg/Kg	☼	10/06/25 07:11	10/07/25 15:02	1
1,2-Dichlorobenzene	0.0013	U	0.0013	0.00046	mg/Kg	☼	10/06/25 07:11	10/07/25 15:02	1
1,2-Dichloroethane	0.0013	U	0.0013	0.00038	mg/Kg	☼	10/06/25 07:11	10/07/25 15:02	1
1,2-Dichloropropane	0.0013	U	0.0013	0.00054	mg/Kg	☼	10/06/25 07:11	10/07/25 15:02	1
1,3,5-Trimethylbenzene	0.0013	U	0.0013	0.00040	mg/Kg	☼	10/06/25 07:11	10/07/25 15:02	1
1,3-Dichlorobenzene	0.0013	U	0.0013	0.00047	mg/Kg	☼	10/06/25 07:11	10/07/25 15:02	1
1,4-Dichlorobenzene	0.0013	U	0.0013	0.00067	mg/Kg	☼	10/06/25 07:11	10/07/25 15:02	1
2-Butanone (MEK)	0.0064	U	0.0064	0.00047	mg/Kg	☼	10/06/25 07:11	10/07/25 15:02	1
2-Hexanone	0.0064	U	0.0064	0.0022	mg/Kg	☼	10/06/25 07:11	10/07/25 15:02	1
4-Methyl-2-pentanone (MIBK)	0.0064	U	0.0064	0.0020	mg/Kg	☼	10/06/25 07:11	10/07/25 15:02	1
Acetone	0.0077	U	0.0077	0.0074	mg/Kg	☼	10/06/25 07:11	10/07/25 15:02	1
Benzene	0.0013	U	0.0013	0.00073	mg/Kg	☼	10/06/25 07:11	10/07/25 15:02	1
Bromoform	0.0013	U	0.0013	0.00055	mg/Kg	☼	10/06/25 07:11	10/07/25 15:02	1
Bromomethane	0.0026	U	0.0026	0.0013	mg/Kg	☼	10/06/25 07:11	10/07/25 15:02	1
Carbon disulfide	0.0013	U	0.0013	0.00034	mg/Kg	☼	10/06/25 07:11	10/07/25 15:02	1
Carbon tetrachloride	0.0013	U	0.0013	0.00050	mg/Kg	☼	10/06/25 07:11	10/07/25 15:02	1
Chlorobenzene	0.0013	U	0.0013	0.00065	mg/Kg	☼	10/06/25 07:11	10/07/25 15:02	1
Chlorobromomethane	0.0013	U	0.0013	0.00077	mg/Kg	☼	10/06/25 07:11	10/07/25 15:02	1
Chlorodibromomethane	0.0013	U	0.0013	0.00069	mg/Kg	☼	10/06/25 07:11	10/07/25 15:02	1
Chloroethane	0.0013	U	0.0013	0.00067	mg/Kg	☼	10/06/25 07:11	10/07/25 15:02	1
Chloroform	0.0013	U	0.0013	0.0012	mg/Kg	☼	10/06/25 07:11	10/07/25 15:02	1
Chloromethane	0.0013	U	0.0013	0.00056	mg/Kg	☼	10/06/25 07:11	10/07/25 15:02	1
cis-1,2-Dichloroethene	0.0013	U	0.0013	0.00046	mg/Kg	☼	10/06/25 07:11	10/07/25 15:02	1
cis-1,3-Dichloropropene	0.0013	U	0.0013	0.00035	mg/Kg	☼	10/06/25 07:11	10/07/25 15:02	1
Cyclohexane	0.0013	U	0.0013	0.00028	mg/Kg	☼	10/06/25 07:11	10/07/25 15:02	1
Dichlorobromomethane	0.0013	U	0.0013	0.00033	mg/Kg	☼	10/06/25 07:11	10/07/25 15:02	1
Dichlorodifluoromethane	0.0013	U	0.0013	0.00043	mg/Kg	☼	10/06/25 07:11	10/07/25 15:02	1
Ethylbenzene	0.0013	U	0.0013	0.00060	mg/Kg	☼	10/06/25 07:11	10/07/25 15:02	1
Ethylene Dibromide	0.0013	U	0.0013	0.00065	mg/Kg	☼	10/06/25 07:11	10/07/25 15:02	1
Isopropylbenzene	0.0013	U	0.0013	0.00037	mg/Kg	☼	10/06/25 07:11	10/07/25 15:02	1
Methyl acetate	0.0064	U	0.0064	0.0055	mg/Kg	☼	10/06/25 07:11	10/07/25 15:02	1
Methyl tert-butyl ether	0.0013	U	0.0013	0.00066	mg/Kg	☼	10/06/25 07:11	10/07/25 15:02	1
Methylcyclohexane	0.0013	U	0.0013	0.00064	mg/Kg	☼	10/06/25 07:11	10/07/25 15:02	1
Methylene Chloride	**0.0043**		0.0026	0.0015	mg/Kg	☼	10/06/25 07:11	10/07/25 15:02	1
m-Xylene & p-Xylene	0.0013	U	0.0013	0.00054	mg/Kg	☼	10/06/25 07:11	10/07/25 15:02	1
n-Butylbenzene	0.0013	U	0.0013	0.00038	mg/Kg	☼	10/06/25 07:11	10/07/25 15:02	1
N-Propylbenzene	0.0013	U	0.0013	0.00058	mg/Kg	☼	10/06/25 07:11	10/07/25 15:02	1
o-Xylene	0.0013	U	0.0013	0.00059	mg/Kg	☼	10/06/25 07:11	10/07/25 15:02	1
sec-Butylbenzene	0.0013	U	0.0013	0.00037	mg/Kg	☼	10/06/25 07:11	10/07/25 15:02	1
Styrene	0.0013	U	0.0013	0.00036	mg/Kg	☼	10/06/25 07:11	10/07/25 15:02	1

Client Sample ID: 6F1_1-2

Date Collected: 10/02/25 10:40
Date Received: 10/02/25 16:00

Lab Sample ID: 460-336309-33

Matrix: Solid
Percent Solids: 95.8

Method: SW846 8260D - Volatile Organic Compounds by GC/MS (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
tert-Butylbenzene	0.0013	U	0.0013	0.00035	mg/Kg	☼	10/06/25 07:11	10/07/25 15:02	1
Tetrachloroethene	0.0013	U	0.0013	0.00039	mg/Kg	☼	10/06/25 07:11	10/07/25 15:02	1
Toluene	0.0013	U	0.0013	0.00030	mg/Kg	☼	10/06/25 07:11	10/07/25 15:02	1
trans-1,2-Dichloroethene	0.0013	U	0.0013	0.00032	mg/Kg	☼	10/06/25 07:11	10/07/25 15:02	1
trans-1,3-Dichloropropene	0.0013	U	0.0013	0.00034	mg/Kg	☼	10/06/25 07:11	10/07/25 15:02	1
Trichloroethene	0.0013	U	0.0013	0.00041	mg/Kg	☼	10/06/25 07:11	10/07/25 15:02	1
Trichlorofluoromethane	0.0013	U	0.0013	0.00052	mg/Kg	☼	10/06/25 07:11	10/07/25 15:02	1
Vinyl chloride	0.0013	U	0.0013	0.00070	mg/Kg	☼	10/06/25 07:11	10/07/25 15:02	1
Xylenes, Total	0.0026	U	0.0026	0.00022	mg/Kg	☼	10/06/25 07:11	10/07/25 15:02	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,2-Dichloroethane-d4 (Surr)	*112*		*65 - 138*	*10/06/25 07:11*	*10/07/25 15:02*	*1*
4-Bromofluorobenzene	*99*		*71 - 128*	*10/06/25 07:11*	*10/07/25 15:02*	*1*
Dibromofluoromethane (Surr)	*114*		*50 - 150*	*10/06/25 07:11*	*10/07/25 15:02*	*1*
Toluene-d8 (Surr)	*95*		*71 - 126*	*10/06/25 07:11*	*10/07/25 15:02*	*1*

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Percent Moisture (EPA Moisture)	**4.2**		1.0	1.0	%			10/07/25 19:23	1
Percent Solids (EPA Moisture)	**95.8**		1.0	1.0	%			10/07/25 19:23	1

Client Sample ID: 6F2_3-4

Date Collected: 10/02/25 10:45
Date Received: 10/02/25 16:00

Lab Sample ID: 460-336309-34

Matrix: Solid
Percent Solids: 97.6

Method: SW846 8260D - Volatile Organic Compounds by GC/MS

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1-Trichloroethane	0.0018	U	0.0018	0.00042	mg/Kg	☼	10/06/25 07:11	10/07/25 15:25	1
1,1,2,2-Tetrachloroethane	0.0018	U	0.0018	0.00093	mg/Kg	☼	10/06/25 07:11	10/07/25 15:25	1
1,1,2-Trichloro-1,2,2-trifluoroethane	0.0018	U	0.0018	0.00054	mg/Kg	☼	10/06/25 07:11	10/07/25 15:25	1
1,1,2-Trichloroethane	0.0018	U	0.0018	0.0011	mg/Kg	☼	10/06/25 07:11	10/07/25 15:25	1
1,1-Dichloroethane	0.0018	U	0.0018	0.0011	mg/Kg	☼	10/06/25 07:11	10/07/25 15:25	1
1,1-Dichloroethene	0.0018	U	0.0018	0.00040	mg/Kg	☼	10/06/25 07:11	10/07/25 15:25	1
1,2,3-Trichlorobenzene	0.0018	U	0.0018	0.0013	mg/Kg	☼	10/06/25 07:11	10/07/25 15:25	1
1,2,4-Trichlorobenzene	0.0018	U	0.0018	0.00064	mg/Kg	☼	10/06/25 07:11	10/07/25 15:25	1
1,2,4-Trimethylbenzene	0.0018	U	0.0018	0.00044	mg/Kg	☼	10/06/25 07:11	10/07/25 15:25	1
1,2-Dibromo-3-Chloropropane	0.0018	U	0.0018	0.00082	mg/Kg	☼	10/06/25 07:11	10/07/25 15:25	1
1,2-Dichlorobenzene	0.0018	U	0.0018	0.00065	mg/Kg	☼	10/06/25 07:11	10/07/25 15:25	1
1,2-Dichloroethane	0.0018	U	0.0018	0.00053	mg/Kg	☼	10/06/25 07:11	10/07/25 15:25	1
1,2-Dichloropropane	0.0018	U	0.0018	0.00076	mg/Kg	☼	10/06/25 07:11	10/07/25 15:25	1
1,3,5-Trimethylbenzene	0.0018	U	0.0018	0.00056	mg/Kg	☼	10/06/25 07:11	10/07/25 15:25	1
1,3-Dichlorobenzene	0.0018	U	0.0018	0.00065	mg/Kg	☼	10/06/25 07:11	10/07/25 15:25	1
1,4-Dichlorobenzene	0.0018	U	0.0018	0.00093	mg/Kg	☼	10/06/25 07:11	10/07/25 15:25	1
2-Butanone (MEK)	0.0089	U	0.0089	0.00066	mg/Kg	☼	10/06/25 07:11	10/07/25 15:25	1
2-Hexanone	0.0089	U	0.0089	0.0031	mg/Kg	☼	10/06/25 07:11	10/07/25 15:25	1
4-Methyl-2-pentanone (MIBK)	0.0089	U	0.0089	0.0028	mg/Kg	☼	10/06/25 07:11	10/07/25 15:25	1
Acetone	0.011	U	0.011	0.010	mg/Kg	☼	10/06/25 07:11	10/07/25 15:25	1
Benzene	0.0018	U	0.0018	0.0010	mg/Kg	☼	10/06/25 07:11	10/07/25 15:25	1
Bromoform	0.0018	U	0.0018	0.00076	mg/Kg	☼	10/06/25 07:11	10/07/25 15:25	1
Bromomethane	0.0036	U	0.0036	0.0018	mg/Kg	☼	10/06/25 07:11	10/07/25 15:25	1

Client Sample ID: 6F2_3-4
Date Collected: 10/02/25 10:45
Date Received: 10/02/25 16:00

Lab Sample ID: 460-336309-34
Matrix: Solid
Percent Solids: 97.6

Method: SW846 8260D - Volatile Organic Compounds by GC/MS (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Carbon disulfide	0.0018	U	0.0018	0.00048	mg/Kg	☼	10/06/25 07:11	10/07/25 15:25	1
Carbon tetrachloride	0.0018	U	0.0018	0.00069	mg/Kg	☼	10/06/25 07:11	10/07/25 15:25	1
Chlorobenzene	0.0018	U	0.0018	0.00091	mg/Kg	☼	10/06/25 07:11	10/07/25 15:25	1
Chlorobromomethane	0.0018	U	0.0018	0.0011	mg/Kg	☼	10/06/25 07:11	10/07/25 15:25	1
Chlorodibromomethane	0.0018	U	0.0018	0.00096	mg/Kg	☼	10/06/25 07:11	10/07/25 15:25	1
Chloroethane	0.0018	U	0.0018	0.00093	mg/Kg	☼	10/06/25 07:11	10/07/25 15:25	1
Chloroform	0.0018	U	0.0018	0.0017	mg/Kg	☼	10/06/25 07:11	10/07/25 15:25	1
Chloromethane	0.0018	U	0.0018	0.00078	mg/Kg	☼	10/06/25 07:11	10/07/25 15:25	1
cis-1,2-Dichloroethene	0.0018	U	0.0018	0.00064	mg/Kg	☼	10/06/25 07:11	10/07/25 15:25	1
cis-1,3-Dichloropropene	0.0018	U	0.0018	0.00049	mg/Kg	☼	10/06/25 07:11	10/07/25 15:25	1
Cyclohexane	0.0018	U	0.0018	0.00039	mg/Kg	☼	10/06/25 07:11	10/07/25 15:25	1
Dichlorobromomethane	0.0018	U	0.0018	0.00046	mg/Kg	☼	10/06/25 07:11	10/07/25 15:25	1
Dichlorodifluoromethane	0.0018	U	0.0018	0.00060	mg/Kg	☼	10/06/25 07:11	10/07/25 15:25	1
Ethylbenzene	0.0018	U	0.0018	0.00084	mg/Kg	☼	10/06/25 07:11	10/07/25 15:25	1
Ethylene Dibromide	0.0018	U	0.0018	0.00090	mg/Kg	☼	10/06/25 07:11	10/07/25 15:25	1
Isopropylbenzene	0.0018	U	0.0018	0.00051	mg/Kg	☼	10/06/25 07:11	10/07/25 15:25	1
Methyl acetate	0.0089	U	0.0089	0.0077	mg/Kg	☼	10/06/25 07:11	10/07/25 15:25	1
Methyl tert-butyl ether	0.0018	U	0.0018	0.00092	mg/Kg	☼	10/06/25 07:11	10/07/25 15:25	1
Methylcyclohexane	0.0018	U	0.0018	0.00089	mg/Kg	☼	10/06/25 07:11	10/07/25 15:25	1
Methylene Chloride	**0.0063**		0.0036	0.0020	mg/Kg	☼	10/06/25 07:11	10/07/25 15:25	1
m-Xylene & p-Xylene	0.0018	U	0.0018	0.00076	mg/Kg	☼	10/06/25 07:11	10/07/25 15:25	1
n-Butylbenzene	0.0018	U	0.0018	0.00053	mg/Kg	☼	10/06/25 07:11	10/07/25 15:25	1
N-Propylbenzene	0.0018	U	0.0018	0.00080	mg/Kg	☼	10/06/25 07:11	10/07/25 15:25	1
o-Xylene	0.0018	U	0.0018	0.00082	mg/Kg	☼	10/06/25 07:11	10/07/25 15:25	1
sec-Butylbenzene	0.0018	U	0.0018	0.00051	mg/Kg	☼	10/06/25 07:11	10/07/25 15:25	1
Styrene	0.0018	U	0.0018	0.00050	mg/Kg	☼	10/06/25 07:11	10/07/25 15:25	1
tert-Butylbenzene	0.0018	U	0.0018	0.00049	mg/Kg	☼	10/06/25 07:11	10/07/25 15:25	1
Tetrachloroethene	0.0018	U	0.0018	0.00055	mg/Kg	☼	10/06/25 07:11	10/07/25 15:25	1
Toluene	0.0018	U	0.0018	0.00042	mg/Kg	☼	10/06/25 07:11	10/07/25 15:25	1
trans-1,2-Dichloroethene	0.0018	U	0.0018	0.00044	mg/Kg	☼	10/06/25 07:11	10/07/25 15:25	1
trans-1,3-Dichloropropene	0.0018	U	0.0018	0.00048	mg/Kg	☼	10/06/25 07:11	10/07/25 15:25	1
Trichloroethene	0.0018	U	0.0018	0.00057	mg/Kg	☼	10/06/25 07:11	10/07/25 15:25	1
Trichlorofluoromethane	0.0018	U	0.0018	0.00073	mg/Kg	☼	10/06/25 07:11	10/07/25 15:25	1
Vinyl chloride	0.0018	U	0.0018	0.00098	mg/Kg	☼	10/06/25 07:11	10/07/25 15:25	1
Xylenes, Total	0.0036	U	0.0036	0.00031	mg/Kg	☼	10/06/25 07:11	10/07/25 15:25	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,2-Dichloroethane-d4 (Surr)	*111*		*65 - 138*	*10/06/25 07:11*	*10/07/25 15:25*	*1*
4-Bromofluorobenzene	*100*		*71 - 128*	*10/06/25 07:11*	*10/07/25 15:25*	*1*
Dibromofluoromethane (Surr)	*116*		*50 - 150*	*10/06/25 07:11*	*10/07/25 15:25*	*1*
Toluene-d8 (Surr)	*95*		*71 - 126*	*10/06/25 07:11*	*10/07/25 15:25*	*1*

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Percent Moisture (EPA Moisture)	**2.4**		1.0	1.0	%			10/07/25 19:23	1
Percent Solids (EPA Moisture)	**97.6**		1.0	1.0	%			10/07/25 19:23	1

Client Sample ID: 6F3_4-5
Date Collected: 10/02/25 10:50
Date Received: 10/02/25 16:00

Lab Sample ID: 460-336309-35
Matrix: Solid
Percent Solids: 96.7

Method: SW846 8260D - Volatile Organic Compounds by GC/MS

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1-Trichloroethane	0.0020	U	0.0020	0.00046	mg/Kg	☼	10/06/25 07:12	10/07/25 01:46	1
1,1,2,2-Tetrachloroethane	0.0020	U	0.0020	0.0010	mg/Kg	☼	10/06/25 07:12	10/07/25 01:46	1
1,1,2-Trichloro-1,2,2-trifluoroethane	0.0020	U	0.0020	0.00060	mg/Kg	☼	10/06/25 07:12	10/07/25 01:46	1
1,1,2-Trichloroethane	0.0020	U	0.0020	0.0012	mg/Kg	☼	10/06/25 07:12	10/07/25 01:46	1
1,1-Dichloroethane	0.0020	U	0.0020	0.0012	mg/Kg	☼	10/06/25 07:12	10/07/25 01:46	1
1,1-Dichloroethene	0.0020	U	0.0020	0.00045	mg/Kg	☼	10/06/25 07:12	10/07/25 01:46	1
1,2,3-Trichlorobenzene	0.0020	U	0.0020	0.0015	mg/Kg	☼	10/06/25 07:12	10/07/25 01:46	1
1,2,4-Trichlorobenzene	0.0020	U	0.0020	0.00071	mg/Kg	☼	10/06/25 07:12	10/07/25 01:46	1
1,2,4-Trimethylbenzene	0.0020	U	0.0020	0.00049	mg/Kg	☼	10/06/25 07:12	10/07/25 01:46	1
1,2-Dibromo-3-Chloropropane	0.0020	U	0.0020	0.00091	mg/Kg	☼	10/06/25 07:12	10/07/25 01:46	1
1,2-Dichlorobenzene	0.0020	U	0.0020	0.00072	mg/Kg	☼	10/06/25 07:12	10/07/25 01:46	1
1,2-Dichloroethane	0.0020	U	0.0020	0.00059	mg/Kg	☼	10/06/25 07:12	10/07/25 01:46	1
1,2-Dichloropropane	0.0020	U	0.0020	0.00084	mg/Kg	☼	10/06/25 07:12	10/07/25 01:46	1
1,3,5-Trimethylbenzene	0.0020	U	0.0020	0.00062	mg/Kg	☼	10/06/25 07:12	10/07/25 01:46	1
1,3-Dichlorobenzene	0.0020	U	0.0020	0.00072	mg/Kg	☼	10/06/25 07:12	10/07/25 01:46	1
1,4-Dichlorobenzene	0.0020	U	0.0020	0.0010	mg/Kg	☼	10/06/25 07:12	10/07/25 01:46	1
2-Butanone (MEK)	0.0099	U	0.0099	0.00073	mg/Kg	☼	10/06/25 07:12	10/07/25 01:46	1
2-Hexanone	0.0099	U	0.0099	0.0034	mg/Kg	☼	10/06/25 07:12	10/07/25 01:46	1
4-Methyl-2-pentanone (MIBK)	0.0099	U	0.0099	0.0031	mg/Kg	☼	10/06/25 07:12	10/07/25 01:46	1
Acetone	0.012	U	0.012	0.011	mg/Kg	☼	10/06/25 07:12	10/07/25 01:46	1
Benzene	0.0020	U	0.0020	0.0011	mg/Kg	☼	10/06/25 07:12	10/07/25 01:46	1
Bromoform	0.0020	U	0.0020	0.00084	mg/Kg	☼	10/06/25 07:12	10/07/25 01:46	1
Bromomethane	0.0040	U	0.0040	0.0020	mg/Kg	☼	10/06/25 07:12	10/07/25 01:46	1
Carbon disulfide	0.0020	U	0.0020	0.00053	mg/Kg	☼	10/06/25 07:12	10/07/25 01:46	1
Carbon tetrachloride	0.0020	U	0.0020	0.00077	mg/Kg	☼	10/06/25 07:12	10/07/25 01:46	1
Chlorobenzene	0.0020	U	0.0020	0.0010	mg/Kg	☼	10/06/25 07:12	10/07/25 01:46	1
Chlorobromomethane	0.0020	U	0.0020	0.0012	mg/Kg	☼	10/06/25 07:12	10/07/25 01:46	1
Chlorodibromomethane	0.0020	U	0.0020	0.0011	mg/Kg	☼	10/06/25 07:12	10/07/25 01:46	1
Chloroethane	0.0020	U	0.0020	0.0010	mg/Kg	☼	10/06/25 07:12	10/07/25 01:46	1
Chloroform	0.0020	U	0.0020	0.0019	mg/Kg	☼	10/06/25 07:12	10/07/25 01:46	1
Chloromethane	0.0020	U	0.0020	0.00086	mg/Kg	☼	10/06/25 07:12	10/07/25 01:46	1
cis-1,2-Dichloroethene	0.0020	U	0.0020	0.00071	mg/Kg	☼	10/06/25 07:12	10/07/25 01:46	1
cis-1,3-Dichloropropene	0.0020	U	0.0020	0.00054	mg/Kg	☼	10/06/25 07:12	10/07/25 01:46	1
Cyclohexane	0.0020	U	0.0020	0.00044	mg/Kg	☼	10/06/25 07:12	10/07/25 01:46	1
Dichlorobromomethane	0.0020	U	0.0020	0.00051	mg/Kg	☼	10/06/25 07:12	10/07/25 01:46	1
Dichlorodifluoromethane	0.0020	U *	0.0020	0.00067	mg/Kg	☼	10/06/25 07:12	10/07/25 01:46	1
Ethylbenzene	0.0020	U	0.0020	0.00093	mg/Kg	☼	10/06/25 07:12	10/07/25 01:46	1
Ethylene Dibromide	0.0020	U	0.0020	0.0010	mg/Kg	☼	10/06/25 07:12	10/07/25 01:46	1
Isopropylbenzene	0.0020	U	0.0020	0.00057	mg/Kg	☼	10/06/25 07:12	10/07/25 01:46	1
Methyl acetate	0.0099	U	0.0099	0.0085	mg/Kg	☼	10/06/25 07:12	10/07/25 01:46	1
Methyl tert-butyl ether	0.0020	U	0.0020	0.0010	mg/Kg	☼	10/06/25 07:12	10/07/25 01:46	1
Methylcyclohexane	0.0020	U	0.0020	0.00099	mg/Kg	☼	10/06/25 07:12	10/07/25 01:46	1
Methylene Chloride	**0.0056**		0.0040	0.0023	mg/Kg	☼	10/06/25 07:12	10/07/25 01:46	1
m-Xylene & p-Xylene	0.0020	U	0.0020	0.00084	mg/Kg	☼	10/06/25 07:12	10/07/25 01:46	1
n-Butylbenzene	0.0020	U	0.0020	0.00058	mg/Kg	☼	10/06/25 07:12	10/07/25 01:46	1
N-Propylbenzene	0.0020	U	0.0020	0.00089	mg/Kg	☼	10/06/25 07:12	10/07/25 01:46	1
o-Xylene	0.0020	U	0.0020	0.00091	mg/Kg	☼	10/06/25 07:12	10/07/25 01:46	1
sec-Butylbenzene	0.0020	U	0.0020	0.00057	mg/Kg	☼	10/06/25 07:12	10/07/25 01:46	1
Styrene	0.0020	U	0.0020	0.00055	mg/Kg	☼	10/06/25 07:12	10/07/25 01:46	1

Client Sample ID: 6F3_4-5

Lab Sample ID: 460-336309-35

Date Collected: 10/02/25 10:50

Matrix: Solid

Date Received: 10/02/25 16:00

Percent Solids: 96.7

Method: SW846 8260D - Volatile Organic Compounds by GC/MS (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
tert-Butylbenzene	0.0020	U	0.0020	0.00055	mg/Kg	☼	10/06/25 07:12	10/07/25 01:46	1
Tetrachloroethene	0.0020	U	0.0020	0.00061	mg/Kg	☼	10/06/25 07:12	10/07/25 01:46	1
Toluene	0.0020	U	0.0020	0.00046	mg/Kg	☼	10/06/25 07:12	10/07/25 01:46	1
trans-1,2-Dichloroethene	0.0020	U	0.0020	0.00049	mg/Kg	☼	10/06/25 07:12	10/07/25 01:46	1
trans-1,3-Dichloropropene	0.0020	U	0.0020	0.00053	mg/Kg	☼	10/06/25 07:12	10/07/25 01:46	1
Trichloroethene	0.0020	U	0.0020	0.00064	mg/Kg	☼	10/06/25 07:12	10/07/25 01:46	1
Trichlorofluoromethane	0.0020	U	0.0020	0.00081	mg/Kg	☼	10/06/25 07:12	10/07/25 01:46	1
Vinyl chloride	0.0020	U	0.0020	0.0011	mg/Kg	☼	10/06/25 07:12	10/07/25 01:46	1
Xylenes, Total	0.0040	U	0.0040	0.00035	mg/Kg	☼	10/06/25 07:12	10/07/25 01:46	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,2-Dichloroethane-d4 (Surr)	*100*		*65 - 138*	*10/06/25 07:12*	*10/07/25 01:46*	*1*
4-Bromofluorobenzene	*95*		*71 - 128*	*10/06/25 07:12*	*10/07/25 01:46*	*1*
Dibromofluoromethane (Surr)	*99*		*50 - 150*	*10/06/25 07:12*	*10/07/25 01:46*	*1*
Toluene-d8 (Surr)	*102*		*71 - 126*	*10/06/25 07:12*	*10/07/25 01:46*	*1*

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Percent Moisture (EPA Moisture)	**3.3**		1.0	1.0	%			10/07/25 19:23	1
Percent Solids (EPA Moisture)	**96.7**		1.0	1.0	%			10/07/25 19:23	1

Client Sample ID: 6F1_6-7

Lab Sample ID: 460-336309-36

Date Collected: 10/02/25 10:55

Matrix: Solid

Date Received: 10/02/25 16:00

Percent Solids: 97.0

Method: SW846 8260D - Volatile Organic Compounds by GC/MS

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1-Trichloroethane	0.0016	U	0.0016	0.00038	mg/Kg	☼	10/06/25 07:12	10/07/25 02:10	1
1,1,2,2-Tetrachloroethane	0.0016	U	0.0016	0.00085	mg/Kg	☼	10/06/25 07:12	10/07/25 02:10	1
1,1,2-Trichloro-1,2,2-trifluoroethane	0.0016	U	0.0016	0.00049	mg/Kg	☼	10/06/25 07:12	10/07/25 02:10	1
1,1,2-Trichloroethane	0.0016	U	0.0016	0.00098	mg/Kg	☼	10/06/25 07:12	10/07/25 02:10	1
1,1-Dichloroethane	0.0016	U	0.0016	0.00097	mg/Kg	☼	10/06/25 07:12	10/07/25 02:10	1
1,1-Dichloroethene	0.0016	U	0.0016	0.00037	mg/Kg	☼	10/06/25 07:12	10/07/25 02:10	1
1,2,3-Trichlorobenzene	0.0016	U	0.0016	0.0012	mg/Kg	☼	10/06/25 07:12	10/07/25 02:10	1
1,2,4-Trichlorobenzene	0.0016	U	0.0016	0.00058	mg/Kg	☼	10/06/25 07:12	10/07/25 02:10	1
1,2,4-Trimethylbenzene	0.0016	U	0.0016	0.00040	mg/Kg	☼	10/06/25 07:12	10/07/25 02:10	1
1,2-Dibromo-3-Chloropropane	0.0016	U	0.0016	0.00075	mg/Kg	☼	10/06/25 07:12	10/07/25 02:10	1
1,2-Dichlorobenzene	0.0016	U	0.0016	0.00059	mg/Kg	☼	10/06/25 07:12	10/07/25 02:10	1
1,2-Dichloroethane	0.0016	U	0.0016	0.00048	mg/Kg	☼	10/06/25 07:12	10/07/25 02:10	1
1,2-Dichloropropane	0.0016	U	0.0016	0.00069	mg/Kg	☼	10/06/25 07:12	10/07/25 02:10	1
1,3,5-Trimethylbenzene	0.0016	U	0.0016	0.00051	mg/Kg	☼	10/06/25 07:12	10/07/25 02:10	1
1,3-Dichlorobenzene	0.0016	U	0.0016	0.00060	mg/Kg	☼	10/06/25 07:12	10/07/25 02:10	1
1,4-Dichlorobenzene	0.0016	U	0.0016	0.00085	mg/Kg	☼	10/06/25 07:12	10/07/25 02:10	1
2-Butanone (MEK)	0.0082	U	0.0082	0.00060	mg/Kg	☼	10/06/25 07:12	10/07/25 02:10	1
2-Hexanone	0.0082	U	0.0082	0.0028	mg/Kg	☼	10/06/25 07:12	10/07/25 02:10	1
4-Methyl-2-pentanone (MIBK)	0.0082	U	0.0082	0.0025	mg/Kg	☼	10/06/25 07:12	10/07/25 02:10	1
Acetone	0.0098	U	0.0098	0.0093	mg/Kg	☼	10/06/25 07:12	10/07/25 02:10	1
Benzene	0.0016	U	0.0016	0.00093	mg/Kg	☼	10/06/25 07:12	10/07/25 02:10	1
Bromoform	0.0016	U	0.0016	0.00069	mg/Kg	☼	10/06/25 07:12	10/07/25 02:10	1
Bromomethane	0.0033	U	0.0033	0.0016	mg/Kg	☼	10/06/25 07:12	10/07/25 02:10	1

Client Sample ID: 6F1_6-7
Date Collected: 10/02/25 10:55
Date Received: 10/02/25 16:00

Lab Sample ID: 460-336309-36
Matrix: Solid
Percent Solids: 97.0

Method: SW846 8260D - Volatile Organic Compounds by GC/MS (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Carbon disulfide	0.0016	U	0.0016	0.00043	mg/Kg	☼	10/06/25 07:12	10/07/25 02:10	1
Carbon tetrachloride	0.0016	U	0.0016	0.00063	mg/Kg	☼	10/06/25 07:12	10/07/25 02:10	1
Chlorobenzene	0.0016	U	0.0016	0.00083	mg/Kg	☼	10/06/25 07:12	10/07/25 02:10	1
Chlorobromomethane	0.0016	U	0.0016	0.00097	mg/Kg	☼	10/06/25 07:12	10/07/25 02:10	1
Chlorodibromomethane	0.0016	U	0.0016	0.00088	mg/Kg	☼	10/06/25 07:12	10/07/25 02:10	1
Chloroethane	0.0016	U	0.0016	0.00085	mg/Kg	☼	10/06/25 07:12	10/07/25 02:10	1
Chloroform	0.0016	U	0.0016	0.0016	mg/Kg	☼	10/06/25 07:12	10/07/25 02:10	1
Chloromethane	0.0016	U	0.0016	0.00071	mg/Kg	☼	10/06/25 07:12	10/07/25 02:10	1
cis-1,2-Dichloroethene	0.0016	U	0.0016	0.00058	mg/Kg	☼	10/06/25 07:12	10/07/25 02:10	1
cis-1,3-Dichloropropene	0.0016	U	0.0016	0.00045	mg/Kg	☼	10/06/25 07:12	10/07/25 02:10	1
Cyclohexane	0.0016	U	0.0016	0.00036	mg/Kg	☼	10/06/25 07:12	10/07/25 02:10	1
Dichlorobromomethane	0.0016	U	0.0016	0.00042	mg/Kg	☼	10/06/25 07:12	10/07/25 02:10	1
Dichlorodifluoromethane	0.0016	U *	0.0016	0.00055	mg/Kg	☼	10/06/25 07:12	10/07/25 02:10	1
Ethylbenzene	0.0016	U	0.0016	0.00076	mg/Kg	☼	10/06/25 07:12	10/07/25 02:10	1
Ethylene Dibromide	0.0016	U	0.0016	0.00082	mg/Kg	☼	10/06/25 07:12	10/07/25 02:10	1
Isopropylbenzene	0.0016	U	0.0016	0.00047	mg/Kg	☼	10/06/25 07:12	10/07/25 02:10	1
Methyl acetate	0.0082	U	0.0082	0.0070	mg/Kg	☼	10/06/25 07:12	10/07/25 02:10	1
Methyl tert-butyl ether	0.0016	U	0.0016	0.00084	mg/Kg	☼	10/06/25 07:12	10/07/25 02:10	1
Methylcyclohexane	0.0016	U	0.0016	0.00081	mg/Kg	☼	10/06/25 07:12	10/07/25 02:10	1
Methylene Chloride	**0.0083**		0.0033	0.0019	mg/Kg	☼	10/06/25 07:12	10/07/25 02:10	1
m-Xylene & p-Xylene	0.0016	U	0.0016	0.00069	mg/Kg	☼	10/06/25 07:12	10/07/25 02:10	1
n-Butylbenzene	0.0016	U	0.0016	0.00048	mg/Kg	☼	10/06/25 07:12	10/07/25 02:10	1
N-Propylbenzene	0.0016	U	0.0016	0.00073	mg/Kg	☼	10/06/25 07:12	10/07/25 02:10	1
o-Xylene	0.0016	U	0.0016	0.00075	mg/Kg	☼	10/06/25 07:12	10/07/25 02:10	1
sec-Butylbenzene	0.0016	U	0.0016	0.00047	mg/Kg	☼	10/06/25 07:12	10/07/25 02:10	1
Styrene	0.0016	U	0.0016	0.00045	mg/Kg	☼	10/06/25 07:12	10/07/25 02:10	1
tert-Butylbenzene	0.0016	U	0.0016	0.00045	mg/Kg	☼	10/06/25 07:12	10/07/25 02:10	1
Tetrachloroethene	0.0016	U	0.0016	0.00050	mg/Kg	☼	10/06/25 07:12	10/07/25 02:10	1
Toluene	0.0016	U	0.0016	0.00038	mg/Kg	☼	10/06/25 07:12	10/07/25 02:10	1
trans-1,2-Dichloroethene	0.0016	U	0.0016	0.00040	mg/Kg	☼	10/06/25 07:12	10/07/25 02:10	1
trans-1,3-Dichloropropene	0.0016	U	0.0016	0.00043	mg/Kg	☼	10/06/25 07:12	10/07/25 02:10	1
Trichloroethene	0.0016	U	0.0016	0.00052	mg/Kg	☼	10/06/25 07:12	10/07/25 02:10	1
Trichlorofluoromethane	0.0016	U	0.0016	0.00066	mg/Kg	☼	10/06/25 07:12	10/07/25 02:10	1
Vinyl chloride	0.0016	U	0.0016	0.00089	mg/Kg	☼	10/06/25 07:12	10/07/25 02:10	1
Xylenes, Total	0.0033	U	0.0033	0.00028	mg/Kg	☼	10/06/25 07:12	10/07/25 02:10	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,2-Dichloroethane-d4 (Surr)	*101*		*65 - 138*	*10/06/25 07:12*	*10/07/25 02:10*	*1*
4-Bromofluorobenzene	*95*		*71 - 128*	*10/06/25 07:12*	*10/07/25 02:10*	*1*
Dibromofluoromethane (Surr)	*100*		*50 - 150*	*10/06/25 07:12*	*10/07/25 02:10*	*1*
Toluene-d8 (Surr)	*101*		*71 - 126*	*10/06/25 07:12*	*10/07/25 02:10*	*1*

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Percent Moisture (EPA Moisture)	**3.0**		1.0	1.0	%			10/07/25 19:23	1
Percent Solids (EPA Moisture)	**97.0**		1.0	1.0	%			10/07/25 19:23	1

Client: Haley & Aldrich, Inc.
Project/Site: Former Port Mobil

Job ID: 460-336309-1

Client Sample ID: 6F2_7-8
Date Collected: 10/02/25 11:00
Date Received: 10/02/25 16:00

Lab Sample ID: 460-336309-37
Matrix: Solid
Percent Solids: 98.4

Method: SW846 8260D - Volatile Organic Compounds by GC/MS

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1-Trichloroethane	0.0014	U	0.0014	0.00033	mg/Kg	☼	10/06/25 07:12	10/07/25 02:34	1
1,1,2,2-Tetrachloroethane	0.0014	U	0.0014	0.00073	mg/Kg	☼	10/06/25 07:12	10/07/25 02:34	1
1,1,2-Trichloro-1,2,2-trifluoroethane	0.0014	U	0.0014	0.00042	mg/Kg	☼	10/06/25 07:12	10/07/25 02:34	1
1,1,2-Trichloroethane	0.0014	U	0.0014	0.00084	mg/Kg	☼	10/06/25 07:12	10/07/25 02:34	1
1,1-Dichloroethane	0.0014	U	0.0014	0.00084	mg/Kg	☼	10/06/25 07:12	10/07/25 02:34	1
1,1-Dichloroethene	0.0014	U	0.0014	0.00031	mg/Kg	☼	10/06/25 07:12	10/07/25 02:34	1
1,2,3-Trichlorobenzene	0.0014	U	0.0014	0.0010	mg/Kg	☼	10/06/25 07:12	10/07/25 02:34	1
1,2,4-Trichlorobenzene	0.0014	U	0.0014	0.00050	mg/Kg	☼	10/06/25 07:12	10/07/25 02:34	1
1,2,4-Trimethylbenzene	0.0014	U	0.0014	0.00034	mg/Kg	☼	10/06/25 07:12	10/07/25 02:34	1
1,2-Dibromo-3-Chloropropane	0.0014	U	0.0014	0.00064	mg/Kg	☼	10/06/25 07:12	10/07/25 02:34	1
1,2-Dichlorobenzene	0.0014	U	0.0014	0.00051	mg/Kg	☼	10/06/25 07:12	10/07/25 02:34	1
1,2-Dichloroethane	0.0014	U	0.0014	0.00041	mg/Kg	☼	10/06/25 07:12	10/07/25 02:34	1
1,2-Dichloropropane	0.0014	U	0.0014	0.00059	mg/Kg	☼	10/06/25 07:12	10/07/25 02:34	1
1,3,5-Trimethylbenzene	0.0014	U	0.0014	0.00044	mg/Kg	☼	10/06/25 07:12	10/07/25 02:34	1
1,3-Dichlorobenzene	0.0014	U	0.0014	0.00051	mg/Kg	☼	10/06/25 07:12	10/07/25 02:34	1
1,4-Dichlorobenzene	0.0014	U	0.0014	0.00073	mg/Kg	☼	10/06/25 07:12	10/07/25 02:34	1
2-Butanone (MEK)	0.0070	U	0.0070	0.00051	mg/Kg	☼	10/06/25 07:12	10/07/25 02:34	1
2-Hexanone	0.0070	U	0.0070	0.0024	mg/Kg	☼	10/06/25 07:12	10/07/25 02:34	1
4-Methyl-2-pentanone (MIBK)	0.0070	U	0.0070	0.0022	mg/Kg	☼	10/06/25 07:12	10/07/25 02:34	1
Acetone	0.0084	U	0.0084	0.0080	mg/Kg	☼	10/06/25 07:12	10/07/25 02:34	1
Benzene	0.0014	U	0.0014	0.00079	mg/Kg	☼	10/06/25 07:12	10/07/25 02:34	1
Bromoform	0.0014	U	0.0014	0.00059	mg/Kg	☼	10/06/25 07:12	10/07/25 02:34	1
Bromomethane	0.0028	U	0.0028	0.0014	mg/Kg	☼	10/06/25 07:12	10/07/25 02:34	1
Carbon disulfide	0.0014	U	0.0014	0.00037	mg/Kg	☼	10/06/25 07:12	10/07/25 02:34	1
Carbon tetrachloride	0.0014	U	0.0014	0.00054	mg/Kg	☼	10/06/25 07:12	10/07/25 02:34	1
Chlorobenzene	0.0014	U	0.0014	0.00071	mg/Kg	☼	10/06/25 07:12	10/07/25 02:34	1
Chlorobromomethane	0.0014	U	0.0014	0.00083	mg/Kg	☼	10/06/25 07:12	10/07/25 02:34	1
Chlorodibromomethane	0.0014	U	0.0014	0.00075	mg/Kg	☼	10/06/25 07:12	10/07/25 02:34	1
Chloroethane	0.0014	U	0.0014	0.00073	mg/Kg	☼	10/06/25 07:12	10/07/25 02:34	1
Chloroform	0.0014	U	0.0014	0.0014	mg/Kg	☼	10/06/25 07:12	10/07/25 02:34	1
Chloromethane	0.0014	U	0.0014	0.00061	mg/Kg	☼	10/06/25 07:12	10/07/25 02:34	1
cis-1,2-Dichloroethene	0.0014	U	0.0014	0.00050	mg/Kg	☼	10/06/25 07:12	10/07/25 02:34	1
cis-1,3-Dichloropropene	0.0014	U	0.0014	0.00038	mg/Kg	☼	10/06/25 07:12	10/07/25 02:34	1
Cyclohexane	0.0014	U	0.0014	0.00031	mg/Kg	☼	10/06/25 07:12	10/07/25 02:34	1
Dichlorobromomethane	0.0014	U	0.0014	0.00036	mg/Kg	☼	10/06/25 07:12	10/07/25 02:34	1
Dichlorodifluoromethane	0.0014	U *	0.0014	0.00047	mg/Kg	☼	10/06/25 07:12	10/07/25 02:34	1
Ethylbenzene	0.0014	U	0.0014	0.00065	mg/Kg	☼	10/06/25 07:12	10/07/25 02:34	1
Ethylene Dibromide	0.0014	U	0.0014	0.00071	mg/Kg	☼	10/06/25 07:12	10/07/25 02:34	1
Isopropylbenzene	0.0014	U	0.0014	0.00040	mg/Kg	☼	10/06/25 07:12	10/07/25 02:34	1
Methyl acetate	0.0070	U	0.0070	0.0060	mg/Kg	☼	10/06/25 07:12	10/07/25 02:34	1
Methyl tert-butyl ether	0.0014	U	0.0014	0.00072	mg/Kg	☼	10/06/25 07:12	10/07/25 02:34	1
Methylcyclohexane	0.0014	U	0.0014	0.00070	mg/Kg	☼	10/06/25 07:12	10/07/25 02:34	1
Methylene Chloride	**0.0049**		0.0028	0.0016	mg/Kg	☼	10/06/25 07:12	10/07/25 02:34	1
m-Xylene & p-Xylene	0.0014	U	0.0014	0.00059	mg/Kg	☼	10/06/25 07:12	10/07/25 02:34	1
n-Butylbenzene	0.0014	U	0.0014	0.00041	mg/Kg	☼	10/06/25 07:12	10/07/25 02:34	1
N-Propylbenzene	0.0014	U	0.0014	0.00063	mg/Kg	☼	10/06/25 07:12	10/07/25 02:34	1
o-Xylene	0.0014	U	0.0014	0.00064	mg/Kg	☼	10/06/25 07:12	10/07/25 02:34	1
sec-Butylbenzene	0.0014	U	0.0014	0.00040	mg/Kg	☼	10/06/25 07:12	10/07/25 02:34	1
Styrene	0.0014	U	0.0014	0.00039	mg/Kg	☼	10/06/25 07:12	10/07/25 02:34	1

Client Sample ID: 6F2_7-8

Lab Sample ID: 460-336309-37

Date Collected: 10/02/25 11:00
Matrix: Solid
Date Received: 10/02/25 16:00
Percent Solids: 98.4

Method: SW846 8260D - Volatile Organic Compounds by GC/MS (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
tert-Butylbenzene	0.0014	U	0.0014	0.00039	mg/Kg	☼	10/06/25 07:12	10/07/25 02:34	1
Tetrachloroethene	0.0014	U	0.0014	0.00043	mg/Kg	☼	10/06/25 07:12	10/07/25 02:34	1
Toluene	0.0014	U	0.0014	0.00033	mg/Kg	☼	10/06/25 07:12	10/07/25 02:34	1
trans-1,2-Dichloroethene	0.0014	U	0.0014	0.00034	mg/Kg	☼	10/06/25 07:12	10/07/25 02:34	1
trans-1,3-Dichloropropene	0.0014	U	0.0014	0.00037	mg/Kg	☼	10/06/25 07:12	10/07/25 02:34	1
Trichloroethene	0.0014	U	0.0014	0.00045	mg/Kg	☼	10/06/25 07:12	10/07/25 02:34	1
Trichlorofluoromethane	0.0014	U	0.0014	0.00057	mg/Kg	☼	10/06/25 07:12	10/07/25 02:34	1
Vinyl chloride	0.0014	U	0.0014	0.00076	mg/Kg	☼	10/06/25 07:12	10/07/25 02:34	1
Xylenes, Total	0.0028	U	0.0028	0.00024	mg/Kg	☼	10/06/25 07:12	10/07/25 02:34	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,2-Dichloroethane-d4 (Surr)	*102*		*65 - 138*	*10/06/25 07:12*	*10/07/25 02:34*	*1*
4-Bromofluorobenzene	*94*		*71 - 128*	*10/06/25 07:12*	*10/07/25 02:34*	*1*
Dibromofluoromethane (Surr)	*100*		*50 - 150*	*10/06/25 07:12*	*10/07/25 02:34*	*1*
Toluene-d8 (Surr)	*101*		*71 - 126*	*10/06/25 07:12*	*10/07/25 02:34*	*1*

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Percent Moisture (EPA Moisture)	**1.6**		1.0	1.0	%			10/07/25 19:23	1
Percent Solids (EPA Moisture)	**98.4**		1.0	1.0	%			10/07/25 19:23	1

Client Sample ID: 6F3_9-10

Lab Sample ID: 460-336309-38

Date Collected: 10/02/25 11:05
Matrix: Solid
Date Received: 10/02/25 16:00
Percent Solids: 97.5

Method: SW846 8260D - Volatile Organic Compounds by GC/MS

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1-Trichloroethane	0.0012	U	0.0012	0.00028	mg/Kg	☼	10/06/25 07:13	10/07/25 02:58	1
1,1,2,2-Tetrachloroethane	0.0012	U	0.0012	0.00064	mg/Kg	☼	10/06/25 07:13	10/07/25 02:58	1
1,1,2-Trichloro-1,2,2-trifluoroethane	0.0012	U	0.0012	0.00037	mg/Kg	☼	10/06/25 07:13	10/07/25 02:58	1
1,1,2-Trichloroethane	0.0012	U	0.0012	0.00073	mg/Kg	☼	10/06/25 07:13	10/07/25 02:58	1
1,1-Dichloroethane	0.0012	U	0.0012	0.00073	mg/Kg	☼	10/06/25 07:13	10/07/25 02:58	1
1,1-Dichloroethene	0.0012	U	0.0012	0.00027	mg/Kg	☼	10/06/25 07:13	10/07/25 02:58	1
1,2,3-Trichlorobenzene	0.0012	U	0.0012	0.00090	mg/Kg	☼	10/06/25 07:13	10/07/25 02:58	1
1,2,4-Trichlorobenzene	0.0012	U	0.0012	0.00044	mg/Kg	☼	10/06/25 07:13	10/07/25 02:58	1
1,2,4-Trimethylbenzene	0.0012	U	0.0012	0.00030	mg/Kg	☼	10/06/25 07:13	10/07/25 02:58	1
1,2-Dibromo-3-Chloropropane	0.0012	U	0.0012	0.00056	mg/Kg	☼	10/06/25 07:13	10/07/25 02:58	1
1,2-Dichlorobenzene	0.0012	U	0.0012	0.00044	mg/Kg	☼	10/06/25 07:13	10/07/25 02:58	1
1,2-Dichloroethane	0.0012	U	0.0012	0.00036	mg/Kg	☼	10/06/25 07:13	10/07/25 02:58	1
1,2-Dichloropropane	0.0012	U	0.0012	0.00052	mg/Kg	☼	10/06/25 07:13	10/07/25 02:58	1
1,3,5-Trimethylbenzene	0.0012	U	0.0012	0.00038	mg/Kg	☼	10/06/25 07:13	10/07/25 02:58	1
1,3-Dichlorobenzene	0.0012	U	0.0012	0.00044	mg/Kg	☼	10/06/25 07:13	10/07/25 02:58	1
1,4-Dichlorobenzene	0.0012	U	0.0012	0.00063	mg/Kg	☼	10/06/25 07:13	10/07/25 02:58	1
2-Butanone (MEK)	0.0061	U	0.0061	0.00045	mg/Kg	☼	10/06/25 07:13	10/07/25 02:58	1
2-Hexanone	0.0061	U	0.0061	0.0021	mg/Kg	☼	10/06/25 07:13	10/07/25 02:58	1
4-Methyl-2-pentanone (MIBK)	0.0061	U	0.0061	0.0019	mg/Kg	☼	10/06/25 07:13	10/07/25 02:58	1
Acetone	0.0073	U	0.0073	0.0070	mg/Kg	☼	10/06/25 07:13	10/07/25 02:58	1
Benzene	0.0012	U	0.0012	0.00069	mg/Kg	☼	10/06/25 07:13	10/07/25 02:58	1
Bromoform	0.0012	U	0.0012	0.00052	mg/Kg	☼	10/06/25 07:13	10/07/25 02:58	1
Bromomethane	0.0024	U	0.0024	0.0012	mg/Kg	☼	10/06/25 07:13	10/07/25 02:58	1

Client Sample ID: 6F3_9-10
Date Collected: 10/02/25 11:05
Date Received: 10/02/25 16:00

Lab Sample ID: 460-336309-38
Matrix: Solid
Percent Solids: 97.5

Method: SW846 8260D - Volatile Organic Compounds by GC/MS (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Carbon disulfide	0.0012	U	0.0012	0.00032	mg/Kg	☼	10/06/25 07:13	10/07/25 02:58	1
Carbon tetrachloride	0.0012	U	0.0012	0.00047	mg/Kg	☼	10/06/25 07:13	10/07/25 02:58	1
Chlorobenzene	0.0012	U	0.0012	0.00062	mg/Kg	☼	10/06/25 07:13	10/07/25 02:58	1
Chlorobromomethane	0.0012	U	0.0012	0.00073	mg/Kg	☼	10/06/25 07:13	10/07/25 02:58	1
Chlorodibromomethane	0.0012	U	0.0012	0.00065	mg/Kg	☼	10/06/25 07:13	10/07/25 02:58	1
Chloroethane	0.0012	U	0.0012	0.00064	mg/Kg	☼	10/06/25 07:13	10/07/25 02:58	1
Chloroform	0.0012	U	0.0012	0.0012	mg/Kg	☼	10/06/25 07:13	10/07/25 02:58	1
Chloromethane	0.0012	U	0.0012	0.00053	mg/Kg	☼	10/06/25 07:13	10/07/25 02:58	1
cis-1,2-Dichloroethene	0.0012	U	0.0012	0.00044	mg/Kg	☼	10/06/25 07:13	10/07/25 02:58	1
cis-1,3-Dichloropropene	0.0012	U	0.0012	0.00033	mg/Kg	☼	10/06/25 07:13	10/07/25 02:58	1
Cyclohexane	0.0012	U	0.0012	0.00027	mg/Kg	☼	10/06/25 07:13	10/07/25 02:58	1
Dichlorobromomethane	0.0012	U	0.0012	0.00031	mg/Kg	☼	10/06/25 07:13	10/07/25 02:58	1
Dichlorodifluoromethane	0.0012	U *	0.0012	0.00041	mg/Kg	☼	10/06/25 07:13	10/07/25 02:58	1
Ethylbenzene	0.0012	U	0.0012	0.00057	mg/Kg	☼	10/06/25 07:13	10/07/25 02:58	1
Ethylene Dibromide	0.0012	U	0.0012	0.00061	mg/Kg	☼	10/06/25 07:13	10/07/25 02:58	1
Isopropylbenzene	0.0012	U	0.0012	0.00035	mg/Kg	☼	10/06/25 07:13	10/07/25 02:58	1
Methyl acetate	0.0061	U	0.0061	0.0052	mg/Kg	☼	10/06/25 07:13	10/07/25 02:58	1
Methyl tert-butyl ether	0.0012	U	0.0012	0.00062	mg/Kg	☼	10/06/25 07:13	10/07/25 02:58	1
Methylcyclohexane	0.0012	U	0.0012	0.00061	mg/Kg	☼	10/06/25 07:13	10/07/25 02:58	1
Methylene Chloride	**0.0051**		0.0024	0.0014	mg/Kg	☼	10/06/25 07:13	10/07/25 02:58	1
m-Xylene & p-Xylene	0.0012	U	0.0012	0.00052	mg/Kg	☼	10/06/25 07:13	10/07/25 02:58	1
n-Butylbenzene	0.0012	U	0.0012	0.00036	mg/Kg	☼	10/06/25 07:13	10/07/25 02:58	1
N-Propylbenzene	0.0012	U	0.0012	0.00055	mg/Kg	☼	10/06/25 07:13	10/07/25 02:58	1
o-Xylene	0.0012	U	0.0012	0.00056	mg/Kg	☼	10/06/25 07:13	10/07/25 02:58	1
sec-Butylbenzene	0.0012	U	0.0012	0.00035	mg/Kg	☼	10/06/25 07:13	10/07/25 02:58	1
Styrene	0.0012	U	0.0012	0.00034	mg/Kg	☼	10/06/25 07:13	10/07/25 02:58	1
tert-Butylbenzene	0.0012	U	0.0012	0.00034	mg/Kg	☼	10/06/25 07:13	10/07/25 02:58	1
Tetrachloroethene	0.0012	U	0.0012	0.00037	mg/Kg	☼	10/06/25 07:13	10/07/25 02:58	1
Toluene	0.0012	U	0.0012	0.00029	mg/Kg	☼	10/06/25 07:13	10/07/25 02:58	1
trans-1,2-Dichloroethene	0.0012	U	0.0012	0.00030	mg/Kg	☼	10/06/25 07:13	10/07/25 02:58	1
trans-1,3-Dichloropropene	0.0012	U	0.0012	0.00032	mg/Kg	☼	10/06/25 07:13	10/07/25 02:58	1
Trichloroethene	0.0012	U	0.0012	0.00039	mg/Kg	☼	10/06/25 07:13	10/07/25 02:58	1
Trichlorofluoromethane	0.0012	U	0.0012	0.00049	mg/Kg	☼	10/06/25 07:13	10/07/25 02:58	1
Vinyl chloride	0.0012	U	0.0012	0.00067	mg/Kg	☼	10/06/25 07:13	10/07/25 02:58	1
Xylenes, Total	0.0024	U	0.0024	0.00021	mg/Kg	☼	10/06/25 07:13	10/07/25 02:58	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,2-Dichloroethane-d4 (Surr)	*100*		*65 - 138*	*10/06/25 07:13*	*10/07/25 02:58*	*1*
4-Bromofluorobenzene	*96*		*71 - 128*	*10/06/25 07:13*	*10/07/25 02:58*	*1*
Dibromofluoromethane (Surr)	*99*		*50 - 150*	*10/06/25 07:13*	*10/07/25 02:58*	*1*
Toluene-d8 (Surr)	*102*		*71 - 126*	*10/06/25 07:13*	*10/07/25 02:58*	*1*

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Percent Moisture (EPA Moisture)	**2.5**		1.0	1.0	%			10/07/25 19:23	1
Percent Solids (EPA Moisture)	**97.5**		1.0	1.0	%			10/07/25 19:23	1

Client Sample ID: 6F2_10-11
Date Collected: 10/02/25 11:10
Date Received: 10/02/25 16:00

Lab Sample ID: 460-336309-39
Matrix: Solid
Percent Solids: 95.2

Method: SW846 8260D - Volatile Organic Compounds by GC/MS

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1-Trichloroethane	0.0013	U	0.0013	0.00031	mg/Kg	☼	10/06/25 07:13	10/07/25 03:22	1
1,1,2,2-Tetrachloroethane	0.0013	U	0.0013	0.00070	mg/Kg	☼	10/06/25 07:13	10/07/25 03:22	1
1,1,2-Trichloro-1,2,2-trifluoroethane	0.0013	U	0.0013	0.00040	mg/Kg	☼	10/06/25 07:13	10/07/25 03:22	1
1,1,2-Trichloroethane	0.0013	U	0.0013	0.00080	mg/Kg	☼	10/06/25 07:13	10/07/25 03:22	1
1,1-Dichloroethane	0.0013	U	0.0013	0.00080	mg/Kg	☼	10/06/25 07:13	10/07/25 03:22	1
1,1-Dichloroethene	0.0013	U	0.0013	0.00030	mg/Kg	☼	10/06/25 07:13	10/07/25 03:22	1
1,2,3-Trichlorobenzene	0.0013	U	0.0013	0.00099	mg/Kg	☼	10/06/25 07:13	10/07/25 03:22	1
1,2,4-Trichlorobenzene	0.0013	U	0.0013	0.00048	mg/Kg	☼	10/06/25 07:13	10/07/25 03:22	1
1,2,4-Trimethylbenzene	0.0013	U	0.0013	0.00033	mg/Kg	☼	10/06/25 07:13	10/07/25 03:22	1
1,2-Dibromo-3-Chloropropane	0.0013	U	0.0013	0.00062	mg/Kg	☼	10/06/25 07:13	10/07/25 03:22	1
1,2-Dichlorobenzene	0.0013	U	0.0013	0.00048	mg/Kg	☼	10/06/25 07:13	10/07/25 03:22	1
1,2-Dichloroethane	0.0013	U	0.0013	0.00040	mg/Kg	☼	10/06/25 07:13	10/07/25 03:22	1
1,2-Dichloropropane	0.0013	U	0.0013	0.00057	mg/Kg	☼	10/06/25 07:13	10/07/25 03:22	1
1,3,5-Trimethylbenzene	0.0013	U	0.0013	0.00042	mg/Kg	☼	10/06/25 07:13	10/07/25 03:22	1
1,3-Dichlorobenzene	0.0013	U	0.0013	0.00049	mg/Kg	☼	10/06/25 07:13	10/07/25 03:22	1
1,4-Dichlorobenzene	0.0013	U	0.0013	0.00069	mg/Kg	☼	10/06/25 07:13	10/07/25 03:22	1
2-Butanone (MEK)	0.0067	U	0.0067	0.00049	mg/Kg	☼	10/06/25 07:13	10/07/25 03:22	1
2-Hexanone	0.0067	U	0.0067	0.0023	mg/Kg	☼	10/06/25 07:13	10/07/25 03:22	1
4-Methyl-2-pentanone (MIBK)	0.0067	U	0.0067	0.0021	mg/Kg	☼	10/06/25 07:13	10/07/25 03:22	1
Acetone	0.0080	U	0.0080	0.0077	mg/Kg	☼	10/06/25 07:13	10/07/25 03:22	1
Benzene	0.0013	U	0.0013	0.00076	mg/Kg	☼	10/06/25 07:13	10/07/25 03:22	1
Bromoform	0.0013	U	0.0013	0.00057	mg/Kg	☼	10/06/25 07:13	10/07/25 03:22	1
Bromomethane	0.0027	U	0.0027	0.0013	mg/Kg	☼	10/06/25 07:13	10/07/25 03:22	1
Carbon disulfide	0.0013	U	0.0013	0.00036	mg/Kg	☼	10/06/25 07:13	10/07/25 03:22	1
Carbon tetrachloride	0.0013	U	0.0013	0.00052	mg/Kg	☼	10/06/25 07:13	10/07/25 03:22	1
Chlorobenzene	0.0013	U	0.0013	0.00068	mg/Kg	☼	10/06/25 07:13	10/07/25 03:22	1
Chlorobromomethane	0.0013	U	0.0013	0.00080	mg/Kg	☼	10/06/25 07:13	10/07/25 03:22	1
Chlorodibromomethane	0.0013	U	0.0013	0.00072	mg/Kg	☼	10/06/25 07:13	10/07/25 03:22	1
Chloroethane	0.0013	U	0.0013	0.00070	mg/Kg	☼	10/06/25 07:13	10/07/25 03:22	1
Chloroform	0.0013	U	0.0013	0.0013	mg/Kg	☼	10/06/25 07:13	10/07/25 03:22	1
Chloromethane	0.0013	U	0.0013	0.00058	mg/Kg	☼	10/06/25 07:13	10/07/25 03:22	1
cis-1,2-Dichloroethene	0.0013	U	0.0013	0.00048	mg/Kg	☼	10/06/25 07:13	10/07/25 03:22	1
cis-1,3-Dichloropropene	0.0013	U	0.0013	0.00037	mg/Kg	☼	10/06/25 07:13	10/07/25 03:22	1
Cyclohexane	0.0013	U	0.0013	0.00030	mg/Kg	☼	10/06/25 07:13	10/07/25 03:22	1
Dichlorobromomethane	0.0013	U	0.0013	0.00034	mg/Kg	☼	10/06/25 07:13	10/07/25 03:22	1
Dichlorodifluoromethane	0.0013	U *	0.0013	0.00045	mg/Kg	☼	10/06/25 07:13	10/07/25 03:22	1
Ethylbenzene	0.0013	U	0.0013	0.00063	mg/Kg	☼	10/06/25 07:13	10/07/25 03:22	1
Ethylene Dibromide	0.0013	U	0.0013	0.00067	mg/Kg	☼	10/06/25 07:13	10/07/25 03:22	1
Isopropylbenzene	0.0013	U	0.0013	0.00038	mg/Kg	☼	10/06/25 07:13	10/07/25 03:22	1
Methyl acetate	0.0067	U	0.0067	0.0058	mg/Kg	☼	10/06/25 07:13	10/07/25 03:22	1
Methyl tert-butyl ether	0.0013	U	0.0013	0.00069	mg/Kg	☼	10/06/25 07:13	10/07/25 03:22	1
Methylcyclohexane	0.0013	U	0.0013	0.00067	mg/Kg	☼	10/06/25 07:13	10/07/25 03:22	1
Methylene Chloride	**0.0054**		0.0027	0.0015	mg/Kg	☼	10/06/25 07:13	10/07/25 03:22	1
m-Xylene & p-Xylene	0.0013	U	0.0013	0.00057	mg/Kg	☼	10/06/25 07:13	10/07/25 03:22	1
n-Butylbenzene	0.0013	U	0.0013	0.00039	mg/Kg	☼	10/06/25 07:13	10/07/25 03:22	1
N-Propylbenzene	0.0013	U	0.0013	0.00060	mg/Kg	☼	10/06/25 07:13	10/07/25 03:22	1
o-Xylene	0.0013	U	0.0013	0.00062	mg/Kg	☼	10/06/25 07:13	10/07/25 03:22	1
sec-Butylbenzene	0.0013	U	0.0013	0.00039	mg/Kg	☼	10/06/25 07:13	10/07/25 03:22	1
Styrene	0.0013	U	0.0013	0.00037	mg/Kg	☼	10/06/25 07:13	10/07/25 03:22	1

Client Sample ID: 6F2_10-11

Date Collected: 10/02/25 11:10
Date Received: 10/02/25 16:00

Lab Sample ID: 460-336309-39

Matrix: Solid
Percent Solids: 95.2

Method: SW846 8260D - Volatile Organic Compounds by GC/MS (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
tert-Butylbenzene	0.0013	U	0.0013	0.00037	mg/Kg	☼	10/06/25 07:13	10/07/25 03:22	1
Tetrachloroethene	0.0013	U	0.0013	0.00041	mg/Kg	☼	10/06/25 07:13	10/07/25 03:22	1
Toluene	0.0013	U	0.0013	0.00031	mg/Kg	☼	10/06/25 07:13	10/07/25 03:22	1
trans-1,2-Dichloroethene	0.0013	U	0.0013	0.00033	mg/Kg	☼	10/06/25 07:13	10/07/25 03:22	1
trans-1,3-Dichloropropene	0.0013	U	0.0013	0.00036	mg/Kg	☼	10/06/25 07:13	10/07/25 03:22	1
Trichloroethene	0.0013	U	0.0013	0.00043	mg/Kg	☼	10/06/25 07:13	10/07/25 03:22	1
Trichlorofluoromethane	0.0013	U	0.0013	0.00054	mg/Kg	☼	10/06/25 07:13	10/07/25 03:22	1
Vinyl chloride	0.0013	U	0.0013	0.00073	mg/Kg	☼	10/06/25 07:13	10/07/25 03:22	1
Xylenes, Total	0.0027	U	0.0027	0.00023	mg/Kg	☼	10/06/25 07:13	10/07/25 03:22	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,2-Dichloroethane-d4 (Surr)	*101*		*65 - 138*	*10/06/25 07:13*	*10/07/25 03:22*	*1*
4-Bromofluorobenzene	*94*		*71 - 128*	*10/06/25 07:13*	*10/07/25 03:22*	*1*
Dibromofluoromethane (Surr)	*99*		*50 - 150*	*10/06/25 07:13*	*10/07/25 03:22*	*1*
Toluene-d8 (Surr)	*101*		*71 - 126*	*10/06/25 07:13*	*10/07/25 03:22*	*1*

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Percent Moisture (EPA Moisture)	**4.8**		1.0	1.0	%			10/07/25 19:23	1
Percent Solids (EPA Moisture)	**95.2**		1.0	1.0	%			10/07/25 19:23	1

Client Sample ID: 4A1_2-3

Date Collected: 10/02/25 11:15
Date Received: 10/02/25 16:00

Lab Sample ID: 460-336309-40

Matrix: Solid
Percent Solids: 94.5

Method: SW846 8260D - Volatile Organic Compounds by GC/MS

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1-Trichloroethane	0.0015	U	0.0015	0.00036	mg/Kg	☼	10/06/25 07:13	10/07/25 03:47	1
1,1,2,2-Tetrachloroethane	0.0015	U	0.0015	0.00081	mg/Kg	☼	10/06/25 07:13	10/07/25 03:47	1
1,1,2-Trichloro-1,2,2-trifluoroethane	0.0015	U	0.0015	0.00047	mg/Kg	☼	10/06/25 07:13	10/07/25 03:47	1
1,1,2-Trichloroethane	0.0015	U	0.0015	0.00093	mg/Kg	☼	10/06/25 07:13	10/07/25 03:47	1
1,1-Dichloroethane	0.0015	U	0.0015	0.00092	mg/Kg	☼	10/06/25 07:13	10/07/25 03:47	1
1,1-Dichloroethene	0.0015	U	0.0015	0.00035	mg/Kg	☼	10/06/25 07:13	10/07/25 03:47	1
1,2,3-Trichlorobenzene	0.0015	U	0.0015	0.0011	mg/Kg	☼	10/06/25 07:13	10/07/25 03:47	1
1,2,4-Trichlorobenzene	0.0015	U	0.0015	0.00055	mg/Kg	☼	10/06/25 07:13	10/07/25 03:47	1
1,2,4-Trimethylbenzene	0.0015	U	0.0015	0.00038	mg/Kg	☼	10/06/25 07:13	10/07/25 03:47	1
1,2-Dibromo-3-Chloropropane	0.0015	U	0.0015	0.00071	mg/Kg	☼	10/06/25 07:13	10/07/25 03:47	1
1,2-Dichlorobenzene	0.0015	U	0.0015	0.00056	mg/Kg	☼	10/06/25 07:13	10/07/25 03:47	1
1,2-Dichloroethane	0.0015	U	0.0015	0.00046	mg/Kg	☼	10/06/25 07:13	10/07/25 03:47	1
1,2-Dichloropropane	0.0015	U	0.0015	0.00065	mg/Kg	☼	10/06/25 07:13	10/07/25 03:47	1
1,3,5-Trimethylbenzene	0.0015	U	0.0015	0.00049	mg/Kg	☼	10/06/25 07:13	10/07/25 03:47	1
1,3-Dichlorobenzene	0.0015	U	0.0015	0.00056	mg/Kg	☼	10/06/25 07:13	10/07/25 03:47	1
1,4-Dichlorobenzene	0.0015	U	0.0015	0.00080	mg/Kg	☼	10/06/25 07:13	10/07/25 03:47	1
2-Butanone (MEK)	0.0077	U	0.0077	0.00057	mg/Kg	☼	10/06/25 07:13	10/07/25 03:47	1
2-Hexanone	0.0077	U	0.0077	0.0026	mg/Kg	☼	10/06/25 07:13	10/07/25 03:47	1
4-Methyl-2-pentanone (MIBK)	0.0077	U	0.0077	0.0024	mg/Kg	☼	10/06/25 07:13	10/07/25 03:47	1
Acetone	0.0093	U	0.0093	0.0088	mg/Kg	☼	10/06/25 07:13	10/07/25 03:47	1
Benzene	0.0015	U	0.0015	0.00088	mg/Kg	☼	10/06/25 07:13	10/07/25 03:47	1
Bromoform	0.0015	U	0.0015	0.00066	mg/Kg	☼	10/06/25 07:13	10/07/25 03:47	1
Bromomethane	0.0031	U	0.0031	0.0015	mg/Kg	☼	10/06/25 07:13	10/07/25 03:47	1

Client Sample ID: 4A1_2-3
Date Collected: 10/02/25 11:15
Date Received: 10/02/25 16:00

Lab Sample ID: 460-336309-40
Matrix: Solid
Percent Solids: 94.5

Method: SW846 8260D - Volatile Organic Compounds by GC/MS (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Carbon disulfide	0.0015	U	0.0015	0.00041	mg/Kg	☼	10/06/25 07:13	10/07/25 03:47	1
Carbon tetrachloride	0.0015	U	0.0015	0.00060	mg/Kg	☼	10/06/25 07:13	10/07/25 03:47	1
Chlorobenzene	0.0015	U	0.0015	0.00078	mg/Kg	☼	10/06/25 07:13	10/07/25 03:47	1
Chlorobromomethane	0.0015	U	0.0015	0.00092	mg/Kg	☼	10/06/25 07:13	10/07/25 03:47	1
Chlorodibromomethane	0.0015	U	0.0015	0.00083	mg/Kg	☼	10/06/25 07:13	10/07/25 03:47	1
Chloroethane	0.0015	U	0.0015	0.00081	mg/Kg	☼	10/06/25 07:13	10/07/25 03:47	1
Chloroform	0.0015	U	0.0015	0.0015	mg/Kg	☼	10/06/25 07:13	10/07/25 03:47	1
Chloromethane	0.0015	U	0.0015	0.00067	mg/Kg	☼	10/06/25 07:13	10/07/25 03:47	1
cis-1,2-Dichloroethene	0.0015	U	0.0015	0.00055	mg/Kg	☼	10/06/25 07:13	10/07/25 03:47	1
cis-1,3-Dichloropropene	0.0015	U	0.0015	0.00042	mg/Kg	☼	10/06/25 07:13	10/07/25 03:47	1
Cyclohexane	0.0015	U	0.0015	0.00034	mg/Kg	☼	10/06/25 07:13	10/07/25 03:47	1
Dichlorobromomethane	0.0015	U	0.0015	0.00040	mg/Kg	☼	10/06/25 07:13	10/07/25 03:47	1
Dichlorodifluoromethane	0.0015	U *	0.0015	0.00052	mg/Kg	☼	10/06/25 07:13	10/07/25 03:47	1
Ethylbenzene	0.0015	U	0.0015	0.00072	mg/Kg	☼	10/06/25 07:13	10/07/25 03:47	1
Ethylene Dibromide	0.0015	U	0.0015	0.00078	mg/Kg	☼	10/06/25 07:13	10/07/25 03:47	1
Isopropylbenzene	0.0015	U	0.0015	0.00044	mg/Kg	☼	10/06/25 07:13	10/07/25 03:47	1
Methyl acetate	0.0077	U	0.0077	0.0067	mg/Kg	☼	10/06/25 07:13	10/07/25 03:47	1
Methyl tert-butyl ether	0.0015	U	0.0015	0.00079	mg/Kg	☼	10/06/25 07:13	10/07/25 03:47	1
Methylcyclohexane	0.0015	U	0.0015	0.00077	mg/Kg	☼	10/06/25 07:13	10/07/25 03:47	1
Methylene Chloride	**0.0042**		0.0031	0.0018	mg/Kg	☼	10/06/25 07:13	10/07/25 03:47	1
m-Xylene & p-Xylene	0.0015	U	0.0015	0.00065	mg/Kg	☼	10/06/25 07:13	10/07/25 03:47	1
n-Butylbenzene	0.0015	U	0.0015	0.00045	mg/Kg	☼	10/06/25 07:13	10/07/25 03:47	1
N-Propylbenzene	0.0015	U	0.0015	0.00069	mg/Kg	☼	10/06/25 07:13	10/07/25 03:47	1
o-Xylene	0.0015	U	0.0015	0.00071	mg/Kg	☼	10/06/25 07:13	10/07/25 03:47	1
sec-Butylbenzene	0.0015	U	0.0015	0.00045	mg/Kg	☼	10/06/25 07:13	10/07/25 03:47	1
Styrene	0.0015	U	0.0015	0.00043	mg/Kg	☼	10/06/25 07:13	10/07/25 03:47	1
tert-Butylbenzene	0.0015	U	0.0015	0.00043	mg/Kg	☼	10/06/25 07:13	10/07/25 03:47	1
Tetrachloroethene	0.0015	U	0.0015	0.00047	mg/Kg	☼	10/06/25 07:13	10/07/25 03:47	1
Toluene	0.0015	U	0.0015	0.00036	mg/Kg	☼	10/06/25 07:13	10/07/25 03:47	1
trans-1,2-Dichloroethene	0.0015	U	0.0015	0.00038	mg/Kg	☼	10/06/25 07:13	10/07/25 03:47	1
trans-1,3-Dichloropropene	0.0015	U	0.0015	0.00041	mg/Kg	☼	10/06/25 07:13	10/07/25 03:47	1
Trichloroethene	0.0015	U	0.0015	0.00050	mg/Kg	☼	10/06/25 07:13	10/07/25 03:47	1
Trichlorofluoromethane	0.0015	U	0.0015	0.00063	mg/Kg	☼	10/06/25 07:13	10/07/25 03:47	1
Vinyl chloride	0.0015	U	0.0015	0.00084	mg/Kg	☼	10/06/25 07:13	10/07/25 03:47	1
Xylenes, Total	0.0031	U	0.0031	0.00027	mg/Kg	☼	10/06/25 07:13	10/07/25 03:47	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,2-Dichloroethane-d4 (Surr)	*102*		*65 - 138*	*10/06/25 07:13*	*10/07/25 03:47*	*1*
4-Bromofluorobenzene	*102*		*71 - 128*	*10/06/25 07:13*	*10/07/25 03:47*	*1*
Dibromofluoromethane (Surr)	*100*		*50 - 150*	*10/06/25 07:13*	*10/07/25 03:47*	*1*
Toluene-d8 (Surr)	*102*		*71 - 126*	*10/06/25 07:13*	*10/07/25 03:47*	*1*

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Percent Moisture (EPA Moisture)	**5.5**		1.0	1.0	%			10/07/25 19:23	1
Percent Solids (EPA Moisture)	**94.5**		1.0	1.0	%			10/07/25 19:23	1

Client Sample ID: 4A2_3-4
Date Collected: 10/02/25 11:20
Date Received: 10/02/25 16:00

Lab Sample ID: 460-336309-41
Matrix: Solid
Percent Solids: 95.8

Method: SW846 8260D - Volatile Organic Compounds by GC/MS

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1-Trichloroethane	0.0010	U	0.0010	0.00024	mg/Kg	☼	10/06/25 07:14	10/07/25 04:11	1
1,1,2,2-Tetrachloroethane	0.0010	U	0.0010	0.00055	mg/Kg	☼	10/06/25 07:14	10/07/25 04:11	1
1,1,2-Trichloro-1,2,2-trifluoroethane	0.0010	U	0.0010	0.00032	mg/Kg	☼	10/06/25 07:14	10/07/25 04:11	1
1,1,2-Trichloroethane	0.0010	U	0.0010	0.00063	mg/Kg	☼	10/06/25 07:14	10/07/25 04:11	1
1,1-Dichloroethane	0.0010	U	0.0010	0.00063	mg/Kg	☼	10/06/25 07:14	10/07/25 04:11	1
1,1-Dichloroethene	0.0010	U	0.0010	0.00024	mg/Kg	☼	10/06/25 07:14	10/07/25 04:11	1
1,2,3-Trichlorobenzene	0.0010	U	0.0010	0.00077	mg/Kg	☼	10/06/25 07:14	10/07/25 04:11	1
1,2,4-Trichlorobenzene	0.0010	U	0.0010	0.00038	mg/Kg	☼	10/06/25 07:14	10/07/25 04:11	1
1,2,4-Trimethylbenzene	0.0010	U	0.0010	0.00026	mg/Kg	☼	10/06/25 07:14	10/07/25 04:11	1
1,2-Dibromo-3-Chloropropane	0.0010	U	0.0010	0.00048	mg/Kg	☼	10/06/25 07:14	10/07/25 04:11	1
1,2-Dichlorobenzene	0.0010	U	0.0010	0.00038	mg/Kg	☼	10/06/25 07:14	10/07/25 04:11	1
1,2-Dichloroethane	0.0010	U	0.0010	0.00031	mg/Kg	☼	10/06/25 07:14	10/07/25 04:11	1
1,2-Dichloropropane	0.0010	U	0.0010	0.00044	mg/Kg	☼	10/06/25 07:14	10/07/25 04:11	1
1,3,5-Trimethylbenzene	0.0010	U	0.0010	0.00033	mg/Kg	☼	10/06/25 07:14	10/07/25 04:11	1
1,3-Dichlorobenzene	0.0010	U	0.0010	0.00038	mg/Kg	☼	10/06/25 07:14	10/07/25 04:11	1
1,4-Dichlorobenzene	0.0010	U	0.0010	0.00054	mg/Kg	☼	10/06/25 07:14	10/07/25 04:11	1
2-Butanone (MEK)	0.0052	U	0.0052	0.00039	mg/Kg	☼	10/06/25 07:14	10/07/25 04:11	1
2-Hexanone	0.0052	U	0.0052	0.0018	mg/Kg	☼	10/06/25 07:14	10/07/25 04:11	1
4-Methyl-2-pentanone (MIBK)	0.0052	U	0.0052	0.0016	mg/Kg	☼	10/06/25 07:14	10/07/25 04:11	1
Acetone	0.0063	U	0.0063	0.0060	mg/Kg	☼	10/06/25 07:14	10/07/25 04:11	1
Benzene	0.0010	U	0.0010	0.00060	mg/Kg	☼	10/06/25 07:14	10/07/25 04:11	1
Bromoform	0.0010	U	0.0010	0.00045	mg/Kg	☼	10/06/25 07:14	10/07/25 04:11	1
Bromomethane	0.0021	U	0.0021	0.0010	mg/Kg	☼	10/06/25 07:14	10/07/25 04:11	1
Carbon disulfide	0.0010	U	0.0010	0.00028	mg/Kg	☼	10/06/25 07:14	10/07/25 04:11	1
Carbon tetrachloride	0.0010	U	0.0010	0.00041	mg/Kg	☼	10/06/25 07:14	10/07/25 04:11	1
Chlorobenzene	0.0010	U	0.0010	0.00053	mg/Kg	☼	10/06/25 07:14	10/07/25 04:11	1
Chlorobromomethane	0.0010	U	0.0010	0.00063	mg/Kg	☼	10/06/25 07:14	10/07/25 04:11	1
Chlorodibromomethane	0.0010	U	0.0010	0.00056	mg/Kg	☼	10/06/25 07:14	10/07/25 04:11	1
Chloroethane	0.0010	U	0.0010	0.00055	mg/Kg	☼	10/06/25 07:14	10/07/25 04:11	1
Chloroform	0.0010	U	0.0010	0.0010	mg/Kg	☼	10/06/25 07:14	10/07/25 04:11	1
Chloromethane	0.0010	U	0.0010	0.00046	mg/Kg	☼	10/06/25 07:14	10/07/25 04:11	1
cis-1,2-Dichloroethene	0.0010	U	0.0010	0.00038	mg/Kg	☼	10/06/25 07:14	10/07/25 04:11	1
cis-1,3-Dichloropropene	0.0010	U	0.0010	0.00029	mg/Kg	☼	10/06/25 07:14	10/07/25 04:11	1
Cyclohexane	0.0010	U	0.0010	0.00023	mg/Kg	☼	10/06/25 07:14	10/07/25 04:11	1
Dichlorobromomethane	0.0010	U	0.0010	0.00027	mg/Kg	☼	10/06/25 07:14	10/07/25 04:11	1
Dichlorodifluoromethane	0.0010	U *	0.0010	0.00035	mg/Kg	☼	10/06/25 07:14	10/07/25 04:11	1
Ethylbenzene	0.0010	U	0.0010	0.00049	mg/Kg	☼	10/06/25 07:14	10/07/25 04:11	1
Ethylene Dibromide	0.0010	U	0.0010	0.00053	mg/Kg	☼	10/06/25 07:14	10/07/25 04:11	1
Isopropylbenzene	0.0010	U	0.0010	0.00030	mg/Kg	☼	10/06/25 07:14	10/07/25 04:11	1
Methyl acetate	0.0052	U	0.0052	0.0045	mg/Kg	☼	10/06/25 07:14	10/07/25 04:11	1
Methyl tert-butyl ether	0.0010	U	0.0010	0.00054	mg/Kg	☼	10/06/25 07:14	10/07/25 04:11	1
Methylcyclohexane	0.0010	U	0.0010	0.00052	mg/Kg	☼	10/06/25 07:14	10/07/25 04:11	1
Methylene Chloride	0.0021	U	0.0021	0.0012	mg/Kg	☼	10/06/25 07:14	10/07/25 04:11	1
m-Xylene & p-Xylene	0.0010	U	0.0010	0.00044	mg/Kg	☼	10/06/25 07:14	10/07/25 04:11	1
n-Butylbenzene	0.0010	U	0.0010	0.00031	mg/Kg	☼	10/06/25 07:14	10/07/25 04:11	1
N-Propylbenzene	0.0010	U	0.0010	0.00047	mg/Kg	☼	10/06/25 07:14	10/07/25 04:11	1
o-Xylene	0.0010	U	0.0010	0.00048	mg/Kg	☼	10/06/25 07:14	10/07/25 04:11	1
sec-Butylbenzene	0.0010	U	0.0010	0.00030	mg/Kg	☼	10/06/25 07:14	10/07/25 04:11	1
Styrene	0.0010	U	0.0010	0.00029	mg/Kg	☼	10/06/25 07:14	10/07/25 04:11	1

Client Sample ID: 4A2_3-4

Lab Sample ID: 460-336309-41

Date Collected: 10/02/25 11:20
Matrix: Solid
Date Received: 10/02/25 16:00
Percent Solids: 95.8

Method: SW846 8260D - Volatile Organic Compounds by GC/MS (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
tert-Butylbenzene	0.0010	U	0.0010	0.00029	mg/Kg	☼	10/06/25 07:14	10/07/25 04:11	1
Tetrachloroethene	0.0010	U	0.0010	0.00032	mg/Kg	☼	10/06/25 07:14	10/07/25 04:11	1
Toluene	0.0010	U	0.0010	0.00025	mg/Kg	☼	10/06/25 07:14	10/07/25 04:11	1
trans-1,2-Dichloroethene	0.0010	U	0.0010	0.00026	mg/Kg	☼	10/06/25 07:14	10/07/25 04:11	1
trans-1,3-Dichloropropene	0.0010	U	0.0010	0.00028	mg/Kg	☼	10/06/25 07:14	10/07/25 04:11	1
Trichloroethene	0.0010	U	0.0010	0.00034	mg/Kg	☼	10/06/25 07:14	10/07/25 04:11	1
Trichlorofluoromethane	0.0010	U	0.0010	0.00043	mg/Kg	☼	10/06/25 07:14	10/07/25 04:11	1
Vinyl chloride	0.0010	U	0.0010	0.00057	mg/Kg	☼	10/06/25 07:14	10/07/25 04:11	1
Xylenes, Total	0.0021	U	0.0021	0.00018	mg/Kg	☼	10/06/25 07:14	10/07/25 04:11	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,2-Dichloroethane-d4 (Surr)	*103*		*65 - 138*	*10/06/25 07:14*	*10/07/25 04:11*	*1*
4-Bromofluorobenzene	*102*		*71 - 128*	*10/06/25 07:14*	*10/07/25 04:11*	*1*
Dibromofluoromethane (Surr)	*99*		*50 - 150*	*10/06/25 07:14*	*10/07/25 04:11*	*1*
Toluene-d8 (Surr)	*103*		*71 - 126*	*10/06/25 07:14*	*10/07/25 04:11*	*1*

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Percent Moisture (EPA Moisture)	**4.2**		1.0	1.0	%			10/07/25 19:23	1
Percent Solids (EPA Moisture)	**95.8**		1.0	1.0	%			10/07/25 19:23	1

Client Sample ID: 4A3_5-6

Lab Sample ID: 460-336309-42

Date Collected: 10/02/25 11:25
Matrix: Solid
Date Received: 10/02/25 16:00
Percent Solids: 94.2

Method: SW846 8260D - Volatile Organic Compounds by GC/MS

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1-Trichloroethane	0.00099	U	0.00099	0.00023	mg/Kg	☼	10/06/25 07:14	10/07/25 04:35	1
1,1,2,2-Tetrachloroethane	0.00099	U	0.00099	0.00052	mg/Kg	☼	10/06/25 07:14	10/07/25 04:35	1
1,1,2-Trichloro-1,2,2-trifluoroethane	0.00099	U	0.00099	0.00030	mg/Kg	☼	10/06/25 07:14	10/07/25 04:35	1
1,1,2-Trichloroethane	0.00099	U	0.00099	0.00059	mg/Kg	☼	10/06/25 07:14	10/07/25 04:35	1
1,1-Dichloroethane	0.00099	U	0.00099	0.00059	mg/Kg	☼	10/06/25 07:14	10/07/25 04:35	1
1,1-Dichloroethene	0.00099	U	0.00099	0.00022	mg/Kg	☼	10/06/25 07:14	10/07/25 04:35	1
1,2,3-Trichlorobenzene	0.00099	U	0.00099	0.00073	mg/Kg	☼	10/06/25 07:14	10/07/25 04:35	1
1,2,4-Trichlorobenzene	0.00099	U	0.00099	0.00035	mg/Kg	☼	10/06/25 07:14	10/07/25 04:35	1
1,2,4-Trimethylbenzene	0.00099	U	0.00099	0.00024	mg/Kg	☼	10/06/25 07:14	10/07/25 04:35	1
1,2-Dibromo-3-Chloropropane	0.00099	U	0.00099	0.00045	mg/Kg	☼	10/06/25 07:14	10/07/25 04:35	1
1,2-Dichlorobenzene	0.00099	U	0.00099	0.00036	mg/Kg	☼	10/06/25 07:14	10/07/25 04:35	1
1,2-Dichloroethane	0.00099	U	0.00099	0.00029	mg/Kg	☼	10/06/25 07:14	10/07/25 04:35	1
1,2-Dichloropropane	0.00099	U	0.00099	0.00042	mg/Kg	☼	10/06/25 07:14	10/07/25 04:35	1
1,3,5-Trimethylbenzene	0.00099	U	0.00099	0.00031	mg/Kg	☼	10/06/25 07:14	10/07/25 04:35	1
1,3-Dichlorobenzene	0.00099	U	0.00099	0.00036	mg/Kg	☼	10/06/25 07:14	10/07/25 04:35	1
1,4-Dichlorobenzene	0.00099	U	0.00099	0.00051	mg/Kg	☼	10/06/25 07:14	10/07/25 04:35	1
2-Butanone (MEK)	0.0049	U	0.0049	0.00036	mg/Kg	☼	10/06/25 07:14	10/07/25 04:35	1
2-Hexanone	0.0049	U	0.0049	0.0017	mg/Kg	☼	10/06/25 07:14	10/07/25 04:35	1
4-Methyl-2-pentanone (MIBK)	0.0049	U	0.0049	0.0015	mg/Kg	☼	10/06/25 07:14	10/07/25 04:35	1
Acetone	0.0059	U	0.0059	0.0057	mg/Kg	☼	10/06/25 07:14	10/07/25 04:35	1
Benzene	0.00099	U	0.00099	0.00056	mg/Kg	☼	10/06/25 07:14	10/07/25 04:35	1
Bromoform	0.00099	U	0.00099	0.00042	mg/Kg	☼	10/06/25 07:14	10/07/25 04:35	1
Bromomethane	0.0020	U	0.0020	0.00099	mg/Kg	☼	10/06/25 07:14	10/07/25 04:35	1

Client Sample ID: 4A3_5-6
Date Collected: 10/02/25 11:25
Date Received: 10/02/25 16:00

Lab Sample ID: 460-336309-42
Matrix: Solid
Percent Solids: 94.2

Method: SW846 8260D - Volatile Organic Compounds by GC/MS (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Carbon disulfide	0.00099	U	0.00099	0.00026	mg/Kg	☼	10/06/25 07:14	10/07/25 04:35	1
Carbon tetrachloride	0.00099	U	0.00099	0.00038	mg/Kg	☼	10/06/25 07:14	10/07/25 04:35	1
Chlorobenzene	0.00099	U	0.00099	0.00050	mg/Kg	☼	10/06/25 07:14	10/07/25 04:35	1
Chlorobromomethane	0.00099	U	0.00099	0.00059	mg/Kg	☼	10/06/25 07:14	10/07/25 04:35	1
Chlorodibromomethane	0.00099	U	0.00099	0.00053	mg/Kg	☼	10/06/25 07:14	10/07/25 04:35	1
Chloroethane	0.00099	U	0.00099	0.00052	mg/Kg	☼	10/06/25 07:14	10/07/25 04:35	1
Chloroform	0.00099	U	0.00099	0.00096	mg/Kg	☼	10/06/25 07:14	10/07/25 04:35	1
Chloromethane	0.00099	U	0.00099	0.00043	mg/Kg	☼	10/06/25 07:14	10/07/25 04:35	1
cis-1,2-Dichloroethene	0.00099	U	0.00099	0.00035	mg/Kg	☼	10/06/25 07:14	10/07/25 04:35	1
cis-1,3-Dichloropropene	0.00099	U	0.00099	0.00027	mg/Kg	☼	10/06/25 07:14	10/07/25 04:35	1
Cyclohexane	0.00099	U	0.00099	0.00022	mg/Kg	☼	10/06/25 07:14	10/07/25 04:35	1
Dichlorobromomethane	0.00099	U	0.00099	0.00025	mg/Kg	☼	10/06/25 07:14	10/07/25 04:35	1
Dichlorodifluoromethane	0.00099	U *	0.00099	0.00033	mg/Kg	☼	10/06/25 07:14	10/07/25 04:35	1
Ethylbenzene	0.00099	U	0.00099	0.00046	mg/Kg	☼	10/06/25 07:14	10/07/25 04:35	1
Ethylene Dibromide	0.00099	U	0.00099	0.00050	mg/Kg	☼	10/06/25 07:14	10/07/25 04:35	1
Isopropylbenzene	0.00099	U	0.00099	0.00028	mg/Kg	☼	10/06/25 07:14	10/07/25 04:35	1
Methyl acetate	0.0049	U	0.0049	0.0043	mg/Kg	☼	10/06/25 07:14	10/07/25 04:35	1
Methyl tert-butyl ether	0.00099	U	0.00099	0.00051	mg/Kg	☼	10/06/25 07:14	10/07/25 04:35	1
Methylcyclohexane	0.00099	U	0.00099	0.00049	mg/Kg	☼	10/06/25 07:14	10/07/25 04:35	1
Methylene Chloride	**0.0020**		0.0020	0.0011	mg/Kg	☼	10/06/25 07:14	10/07/25 04:35	1
m-Xylene & p-Xylene	0.00099	U	0.00099	0.00042	mg/Kg	☼	10/06/25 07:14	10/07/25 04:35	1
n-Butylbenzene	0.00099	U	0.00099	0.00029	mg/Kg	☼	10/06/25 07:14	10/07/25 04:35	1
N-Propylbenzene	0.00099	U	0.00099	0.00044	mg/Kg	☼	10/06/25 07:14	10/07/25 04:35	1
o-Xylene	0.00099	U	0.00099	0.00046	mg/Kg	☼	10/06/25 07:14	10/07/25 04:35	1
sec-Butylbenzene	0.00099	U	0.00099	0.00028	mg/Kg	☼	10/06/25 07:14	10/07/25 04:35	1
Styrene	0.00099	U	0.00099	0.00027	mg/Kg	☼	10/06/25 07:14	10/07/25 04:35	1
tert-Butylbenzene	0.00099	U	0.00099	0.00027	mg/Kg	☼	10/06/25 07:14	10/07/25 04:35	1
Tetrachloroethene	0.00099	U	0.00099	0.00030	mg/Kg	☼	10/06/25 07:14	10/07/25 04:35	1
Toluene	0.00099	U	0.00099	0.00023	mg/Kg	☼	10/06/25 07:14	10/07/25 04:35	1
trans-1,2-Dichloroethene	0.00099	U	0.00099	0.00024	mg/Kg	☼	10/06/25 07:14	10/07/25 04:35	1
trans-1,3-Dichloropropene	0.00099	U	0.00099	0.00026	mg/Kg	☼	10/06/25 07:14	10/07/25 04:35	1
Trichloroethene	0.00099	U	0.00099	0.00032	mg/Kg	☼	10/06/25 07:14	10/07/25 04:35	1
Trichlorofluoromethane	0.00099	U	0.00099	0.00040	mg/Kg	☼	10/06/25 07:14	10/07/25 04:35	1
Vinyl chloride	0.00099	U	0.00099	0.00054	mg/Kg	☼	10/06/25 07:14	10/07/25 04:35	1
Xylenes, Total	0.0020	U	0.0020	0.00017	mg/Kg	☼	10/06/25 07:14	10/07/25 04:35	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,2-Dichloroethane-d4 (Surr)	*103*		*65 - 138*	*10/06/25 07:14*	*10/07/25 04:35*	*1*
4-Bromofluorobenzene	*100*		*71 - 128*	*10/06/25 07:14*	*10/07/25 04:35*	*1*
Dibromofluoromethane (Surr)	*100*		*50 - 150*	*10/06/25 07:14*	*10/07/25 04:35*	*1*
Toluene-d8 (Surr)	*103*		*71 - 126*	*10/06/25 07:14*	*10/07/25 04:35*	*1*

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Percent Moisture (EPA Moisture)	**5.8**		1.0	1.0	%			10/07/25 19:23	1
Percent Solids (EPA Moisture)	**94.2**		1.0	1.0	%			10/07/25 19:23	1

Client Sample ID: 4A1_7-8
Date Collected: 10/02/25 11:30
Date Received: 10/02/25 16:00

Lab Sample ID: 460-336309-43
Matrix: Solid
Percent Solids: 96.9

Method: SW846 8260D - Volatile Organic Compounds by GC/MS

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1-Trichloroethane	0.0012	U	0.0012	0.00027	mg/Kg	☼	10/06/25 07:14	10/07/25 04:59	1
1,1,2,2-Tetrachloroethane	0.0012	U	0.0012	0.00061	mg/Kg	☼	10/06/25 07:14	10/07/25 04:59	1
1,1,2-Trichloro-1,2,2-trifluoroethane	0.0012	U	0.0012	0.00035	mg/Kg	☼	10/06/25 07:14	10/07/25 04:59	1
1,1,2-Trichloroethane	0.0012	U	0.0012	0.00070	mg/Kg	☼	10/06/25 07:14	10/07/25 04:59	1
1,1-Dichloroethane	0.0012	U	0.0012	0.00070	mg/Kg	☼	10/06/25 07:14	10/07/25 04:59	1
1,1-Dichloroethene	0.0012	U	0.0012	0.00026	mg/Kg	☼	10/06/25 07:14	10/07/25 04:59	1
1,2,3-Trichlorobenzene	0.0012	U	0.0012	0.00087	mg/Kg	☼	10/06/25 07:14	10/07/25 04:59	1
1,2,4-Trichlorobenzene	0.0012	U	0.0012	0.00042	mg/Kg	☼	10/06/25 07:14	10/07/25 04:59	1
1,2,4-Trimethylbenzene	0.0012	U	0.0012	0.00029	mg/Kg	☼	10/06/25 07:14	10/07/25 04:59	1
1,2-Dibromo-3-Chloropropane	0.0012	U	0.0012	0.00054	mg/Kg	☼	10/06/25 07:14	10/07/25 04:59	1
1,2-Dichlorobenzene	0.0012	U	0.0012	0.00042	mg/Kg	☼	10/06/25 07:14	10/07/25 04:59	1
1,2-Dichloroethane	0.0012	U	0.0012	0.00035	mg/Kg	☼	10/06/25 07:14	10/07/25 04:59	1
1,2-Dichloropropane	0.0012	U	0.0012	0.00050	mg/Kg	☼	10/06/25 07:14	10/07/25 04:59	1
1,3,5-Trimethylbenzene	0.0012	U	0.0012	0.00037	mg/Kg	☼	10/06/25 07:14	10/07/25 04:59	1
1,3-Dichlorobenzene	0.0012	U	0.0012	0.00043	mg/Kg	☼	10/06/25 07:14	10/07/25 04:59	1
1,4-Dichlorobenzene	0.0012	U	0.0012	0.00061	mg/Kg	☼	10/06/25 07:14	10/07/25 04:59	1
2-Butanone (MEK)	0.0059	U	0.0059	0.00043	mg/Kg	☼	10/06/25 07:14	10/07/25 04:59	1
2-Hexanone	0.0059	U	0.0059	0.0020	mg/Kg	☼	10/06/25 07:14	10/07/25 04:59	1
4-Methyl-2-pentanone (MIBK)	0.0059	U	0.0059	0.0018	mg/Kg	☼	10/06/25 07:14	10/07/25 04:59	1
Acetone	0.0070	U	0.0070	0.0067	mg/Kg	☼	10/06/25 07:14	10/07/25 04:59	1
Benzene	0.0012	U	0.0012	0.00066	mg/Kg	☼	10/06/25 07:14	10/07/25 04:59	1
Bromoform	0.0012	U	0.0012	0.00050	mg/Kg	☼	10/06/25 07:14	10/07/25 04:59	1
Bromomethane	0.0023	U	0.0023	0.0012	mg/Kg	☼	10/06/25 07:14	10/07/25 04:59	1
Carbon disulfide	0.0012	U	0.0012	0.00031	mg/Kg	☼	10/06/25 07:14	10/07/25 04:59	1
Carbon tetrachloride	0.0012	U	0.0012	0.00045	mg/Kg	☼	10/06/25 07:14	10/07/25 04:59	1
Chlorobenzene	0.0012	U	0.0012	0.00059	mg/Kg	☼	10/06/25 07:14	10/07/25 04:59	1
Chlorobromomethane	0.0012	U	0.0012	0.00070	mg/Kg	☼	10/06/25 07:14	10/07/25 04:59	1
Chlorodibromomethane	0.0012	U	0.0012	0.00063	mg/Kg	☼	10/06/25 07:14	10/07/25 04:59	1
Chloroethane	0.0012	U	0.0012	0.00061	mg/Kg	☼	10/06/25 07:14	10/07/25 04:59	1
Chloroform	0.0012	U	0.0012	0.0011	mg/Kg	☼	10/06/25 07:14	10/07/25 04:59	1
Chloromethane	0.0012	U	0.0012	0.00051	mg/Kg	☼	10/06/25 07:14	10/07/25 04:59	1
cis-1,2-Dichloroethene	0.0012	U	0.0012	0.00042	mg/Kg	☼	10/06/25 07:14	10/07/25 04:59	1
cis-1,3-Dichloropropene	0.0012	U	0.0012	0.00032	mg/Kg	☼	10/06/25 07:14	10/07/25 04:59	1
Cyclohexane	0.0012	U	0.0012	0.00026	mg/Kg	☼	10/06/25 07:14	10/07/25 04:59	1
Dichlorobromomethane	0.0012	U	0.0012	0.00030	mg/Kg	☼	10/06/25 07:14	10/07/25 04:59	1
Dichlorodifluoromethane	0.0012	U *	0.0012	0.00040	mg/Kg	☼	10/06/25 07:14	10/07/25 04:59	1
Ethylbenzene	0.0012	U	0.0012	0.00055	mg/Kg	☼	10/06/25 07:14	10/07/25 04:59	1
Ethylene Dibromide	0.0012	U	0.0012	0.00059	mg/Kg	☼	10/06/25 07:14	10/07/25 04:59	1
Isopropylbenzene	0.0012	U	0.0012	0.00033	mg/Kg	☼	10/06/25 07:14	10/07/25 04:59	1
Methyl acetate	0.0059	U	0.0059	0.0050	mg/Kg	☼	10/06/25 07:14	10/07/25 04:59	1
Methyl tert-butyl ether	0.0012	U	0.0012	0.00060	mg/Kg	☼	10/06/25 07:14	10/07/25 04:59	1
Methylcyclohexane	0.0012	U	0.0012	0.00058	mg/Kg	☼	10/06/25 07:14	10/07/25 04:59	1
Methylene Chloride	0.0023	U	0.0023	0.0013	mg/Kg	☼	10/06/25 07:14	10/07/25 04:59	1
m-Xylene & p-Xylene	0.0012	U	0.0012	0.00050	mg/Kg	☼	10/06/25 07:14	10/07/25 04:59	1
n-Butylbenzene	0.0012	U	0.0012	0.00034	mg/Kg	☼	10/06/25 07:14	10/07/25 04:59	1
N-Propylbenzene	0.0012	U	0.0012	0.00053	mg/Kg	☼	10/06/25 07:14	10/07/25 04:59	1
o-Xylene	0.0012	U	0.0012	0.00054	mg/Kg	☼	10/06/25 07:14	10/07/25 04:59	1
sec-Butylbenzene	0.0012	U	0.0012	0.00034	mg/Kg	☼	10/06/25 07:14	10/07/25 04:59	1
Styrene	0.0012	U	0.0012	0.00033	mg/Kg	☼	10/06/25 07:14	10/07/25 04:59	1

Client Sample ID: 4A1_7-8

Lab Sample ID: 460-336309-43
Date Collected: 10/02/25 11:30
Matrix: Solid
Date Received: 10/02/25 16:00
Percent Solids: 96.9

Method: SW846 8260D - Volatile Organic Compounds by GC/MS (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
tert-Butylbenzene	0.0012	U	0.0012	0.00032	mg/Kg	☼	10/06/25 07:14	10/07/25 04:59	1
Tetrachloroethene	0.0012	U	0.0012	0.00036	mg/Kg	☼	10/06/25 07:14	10/07/25 04:59	1
Toluene	0.0012	U	0.0012	0.00027	mg/Kg	☼	10/06/25 07:14	10/07/25 04:59	1
trans-1,2-Dichloroethene	0.0012	U	0.0012	0.00029	mg/Kg	☼	10/06/25 07:14	10/07/25 04:59	1
trans-1,3-Dichloropropene	0.0012	U	0.0012	0.00031	mg/Kg	☼	10/06/25 07:14	10/07/25 04:59	1
Trichloroethene	0.0012	U	0.0012	0.00038	mg/Kg	☼	10/06/25 07:14	10/07/25 04:59	1
Trichlorofluoromethane	0.0012	U	0.0012	0.00048	mg/Kg	☼	10/06/25 07:14	10/07/25 04:59	1
Vinyl chloride	0.0012	U	0.0012	0.00064	mg/Kg	☼	10/06/25 07:14	10/07/25 04:59	1
Xylenes, Total	0.0023	U	0.0023	0.00020	mg/Kg	☼	10/06/25 07:14	10/07/25 04:59	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,2-Dichloroethane-d4 (Surr)	*103*		*65 - 138*	*10/06/25 07:14*	*10/07/25 04:59*	*1*
4-Bromofluorobenzene	*100*		*71 - 128*	*10/06/25 07:14*	*10/07/25 04:59*	*1*
Dibromofluoromethane (Surr)	*99*		*50 - 150*	*10/06/25 07:14*	*10/07/25 04:59*	*1*
Toluene-d8 (Surr)	*102*		*71 - 126*	*10/06/25 07:14*	*10/07/25 04:59*	*1*

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Percent Moisture (EPA Moisture)	**3.1**		1.0	1.0	%			10/07/25 19:23	1
Percent Solids (EPA Moisture)	**96.9**		1.0	1.0	%			10/07/25 19:23	1

Client Sample ID: 4A2_9-10

Lab Sample ID: 460-336309-44
Date Collected: 10/02/25 11:35
Matrix: Solid
Date Received: 10/02/25 16:00
Percent Solids: 91.2

Method: SW846 8260D - Volatile Organic Compounds by GC/MS

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1-Trichloroethane	0.00097	U	0.00097	0.00023	mg/Kg	☼	10/06/25 07:24	10/07/25 05:23	1
1,1,2,2-Tetrachloroethane	0.00097	U	0.00097	0.00051	mg/Kg	☼	10/06/25 07:24	10/07/25 05:23	1
1,1,2-Trichloro-1,2,2-trifluoroethane	0.00097	U	0.00097	0.00029	mg/Kg	☼	10/06/25 07:24	10/07/25 05:23	1
1,1,2-Trichloroethane	0.00097	U	0.00097	0.00058	mg/Kg	☼	10/06/25 07:24	10/07/25 05:23	1
1,1-Dichloroethane	0.00097	U	0.00097	0.00058	mg/Kg	☼	10/06/25 07:24	10/07/25 05:23	1
1,1-Dichloroethene	0.00097	U	0.00097	0.00022	mg/Kg	☼	10/06/25 07:24	10/07/25 05:23	1
1,2,3-Trichlorobenzene	0.00097	U	0.00097	0.00072	mg/Kg	☼	10/06/25 07:24	10/07/25 05:23	1
1,2,4-Trichlorobenzene	0.00097	U	0.00097	0.00035	mg/Kg	☼	10/06/25 07:24	10/07/25 05:23	1
1,2,4-Trimethylbenzene	0.00097	U	0.00097	0.00024	mg/Kg	☼	10/06/25 07:24	10/07/25 05:23	1
1,2-Dibromo-3-Chloropropane	0.00097	U	0.00097	0.00045	mg/Kg	☼	10/06/25 07:24	10/07/25 05:23	1
1,2-Dichlorobenzene	0.00097	U	0.00097	0.00035	mg/Kg	☼	10/06/25 07:24	10/07/25 05:23	1
1,2-Dichloroethane	0.00097	U	0.00097	0.00029	mg/Kg	☼	10/06/25 07:24	10/07/25 05:23	1
1,2-Dichloropropane	0.00097	U	0.00097	0.00041	mg/Kg	☼	10/06/25 07:24	10/07/25 05:23	1
1,3,5-Trimethylbenzene	0.00097	U	0.00097	0.00030	mg/Kg	☼	10/06/25 07:24	10/07/25 05:23	1
1,3-Dichlorobenzene	0.00097	U	0.00097	0.00035	mg/Kg	☼	10/06/25 07:24	10/07/25 05:23	1
1,4-Dichlorobenzene	0.00097	U	0.00097	0.00050	mg/Kg	☼	10/06/25 07:24	10/07/25 05:23	1
2-Butanone (MEK)	0.0048	U	0.0048	0.00036	mg/Kg	☼	10/06/25 07:24	10/07/25 05:23	1
2-Hexanone	0.0048	U	0.0048	0.0017	mg/Kg	☼	10/06/25 07:24	10/07/25 05:23	1
4-Methyl-2-pentanone (MIBK)	0.0048	U	0.0048	0.0015	mg/Kg	☼	10/06/25 07:24	10/07/25 05:23	1
Acetone	0.0058	U	0.0058	0.0055	mg/Kg	☼	10/06/25 07:24	10/07/25 05:23	1
Benzene	0.00097	U	0.00097	0.00055	mg/Kg	☼	10/06/25 07:24	10/07/25 05:23	1
Bromoform	0.00097	U	0.00097	0.00041	mg/Kg	☼	10/06/25 07:24	10/07/25 05:23	1
Bromomethane	0.0019	U	0.0019	0.00097	mg/Kg	☼	10/06/25 07:24	10/07/25 05:23	1

Client Sample ID: 4A2_9-10
Date Collected: 10/02/25 11:35
Date Received: 10/02/25 16:00

Lab Sample ID: 460-336309-44
Matrix: Solid
Percent Solids: 91.2

Method: SW846 8260D - Volatile Organic Compounds by GC/MS (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Carbon disulfide	0.00097	U	0.00097	0.00026	mg/Kg	☼	10/06/25 07:24	10/07/25 05:23	1
Carbon tetrachloride	0.00097	U	0.00097	0.00038	mg/Kg	☼	10/06/25 07:24	10/07/25 05:23	1
Chlorobenzene	0.00097	U	0.00097	0.00049	mg/Kg	☼	10/06/25 07:24	10/07/25 05:23	1
Chlorobromomethane	0.00097	U	0.00097	0.00058	mg/Kg	☼	10/06/25 07:24	10/07/25 05:23	1
Chlorodibromomethane	0.00097	U	0.00097	0.00052	mg/Kg	☼	10/06/25 07:24	10/07/25 05:23	1
Chloroethane	0.00097	U	0.00097	0.00051	mg/Kg	☼	10/06/25 07:24	10/07/25 05:23	1
Chloroform	0.00097	U	0.00097	0.00094	mg/Kg	☼	10/06/25 07:24	10/07/25 05:23	1
Chloromethane	0.00097	U	0.00097	0.00042	mg/Kg	☼	10/06/25 07:24	10/07/25 05:23	1
cis-1,2-Dichloroethene	0.00097	U	0.00097	0.00035	mg/Kg	☼	10/06/25 07:24	10/07/25 05:23	1
cis-1,3-Dichloropropene	0.00097	U	0.00097	0.00026	mg/Kg	☼	10/06/25 07:24	10/07/25 05:23	1
Cyclohexane	0.00097	U	0.00097	0.00021	mg/Kg	☼	10/06/25 07:24	10/07/25 05:23	1
Dichlorobromomethane	0.00097	U	0.00097	0.00025	mg/Kg	☼	10/06/25 07:24	10/07/25 05:23	1
Dichlorodifluoromethane	0.00097	U *	0.00097	0.00033	mg/Kg	☼	10/06/25 07:24	10/07/25 05:23	1
Ethylbenzene	0.00097	U	0.00097	0.00045	mg/Kg	☼	10/06/25 07:24	10/07/25 05:23	1
Ethylene Dibromide	0.00097	U	0.00097	0.00049	mg/Kg	☼	10/06/25 07:24	10/07/25 05:23	1
Isopropylbenzene	0.00097	U	0.00097	0.00028	mg/Kg	☼	10/06/25 07:24	10/07/25 05:23	1
Methyl acetate	0.0048	U	0.0048	0.0042	mg/Kg	☼	10/06/25 07:24	10/07/25 05:23	1
Methyl tert-butyl ether	0.00097	U	0.00097	0.00050	mg/Kg	☼	10/06/25 07:24	10/07/25 05:23	1
Methylcyclohexane	0.00097	U	0.00097	0.00048	mg/Kg	☼	10/06/25 07:24	10/07/25 05:23	1
Methylene Chloride	**0.0045**		0.0019	0.0011	mg/Kg	☼	10/06/25 07:24	10/07/25 05:23	1
m-Xylene & p-Xylene	0.00097	U	0.00097	0.00041	mg/Kg	☼	10/06/25 07:24	10/07/25 05:23	1
n-Butylbenzene	0.00097	U	0.00097	0.00029	mg/Kg	☼	10/06/25 07:24	10/07/25 05:23	1
N-Propylbenzene	0.00097	U	0.00097	0.00044	mg/Kg	☼	10/06/25 07:24	10/07/25 05:23	1
o-Xylene	0.00097	U	0.00097	0.00045	mg/Kg	☼	10/06/25 07:24	10/07/25 05:23	1
sec-Butylbenzene	0.00097	U	0.00097	0.00028	mg/Kg	☼	10/06/25 07:24	10/07/25 05:23	1
Styrene	0.00097	U	0.00097	0.00027	mg/Kg	☼	10/06/25 07:24	10/07/25 05:23	1
tert-Butylbenzene	0.00097	U	0.00097	0.00027	mg/Kg	☼	10/06/25 07:24	10/07/25 05:23	1
Tetrachloroethene	0.00097	U	0.00097	0.00030	mg/Kg	☼	10/06/25 07:24	10/07/25 05:23	1
Toluene	0.00097	U	0.00097	0.00023	mg/Kg	☼	10/06/25 07:24	10/07/25 05:23	1
trans-1,2-Dichloroethene	0.00097	U	0.00097	0.00024	mg/Kg	☼	10/06/25 07:24	10/07/25 05:23	1
trans-1,3-Dichloropropene	0.00097	U	0.00097	0.00026	mg/Kg	☼	10/06/25 07:24	10/07/25 05:23	1
Trichloroethene	0.00097	U	0.00097	0.00031	mg/Kg	☼	10/06/25 07:24	10/07/25 05:23	1
Trichlorofluoromethane	0.00097	U	0.00097	0.00039	mg/Kg	☼	10/06/25 07:24	10/07/25 05:23	1
Vinyl chloride	0.00097	U	0.00097	0.00053	mg/Kg	☼	10/06/25 07:24	10/07/25 05:23	1
Xylenes, Total	0.0019	U	0.0019	0.00017	mg/Kg	☼	10/06/25 07:24	10/07/25 05:23	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,2-Dichloroethane-d4 (Surr)	*102*		*65 - 138*	*10/06/25 07:24*	*10/07/25 05:23*	*1*
4-Bromofluorobenzene	*101*		*71 - 128*	*10/06/25 07:24*	*10/07/25 05:23*	*1*
Dibromofluoromethane (Surr)	*99*		*50 - 150*	*10/06/25 07:24*	*10/07/25 05:23*	*1*
Toluene-d8 (Surr)	*103*		*71 - 126*	*10/06/25 07:24*	*10/07/25 05:23*	*1*

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Percent Moisture (EPA Moisture)	**8.8**		1.0	1.0	%			10/07/25 19:23	1
Percent Solids (EPA Moisture)	**91.2**		1.0	1.0	%			10/07/25 19:23	1

Client Sample ID: 4A3_10-11
Date Collected: 10/02/25 11:40
Date Received: 10/02/25 16:00

Lab Sample ID: 460-336309-45
Matrix: Solid
Percent Solids: 89.0

Method: SW846 8260D - Volatile Organic Compounds by GC/MS

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1-Trichloroethane	0.00094	U	0.00094	0.00022	mg/Kg	☼	10/06/25 07:24	10/07/25 05:47	1
1,1,2,2-Tetrachloroethane	0.00094	U	0.00094	0.00049	mg/Kg	☼	10/06/25 07:24	10/07/25 05:47	1
1,1,2-Trichloro-1,2,2-trifluoroethane	0.00094	U	0.00094	0.00028	mg/Kg	☼	10/06/25 07:24	10/07/25 05:47	1
1,1,2-Trichloroethane	0.00094	U	0.00094	0.00056	mg/Kg	☼	10/06/25 07:24	10/07/25 05:47	1
1,1-Dichloroethane	0.00094	U	0.00094	0.00056	mg/Kg	☼	10/06/25 07:24	10/07/25 05:47	1
1,1-Dichloroethene	0.00094	U	0.00094	0.00021	mg/Kg	☼	10/06/25 07:24	10/07/25 05:47	1
1,2,3-Trichlorobenzene	0.00094	U	0.00094	0.00069	mg/Kg	☼	10/06/25 07:24	10/07/25 05:47	1
1,2,4-Trichlorobenzene	0.00094	U	0.00094	0.00034	mg/Kg	☼	10/06/25 07:24	10/07/25 05:47	1
1,2,4-Trimethylbenzene	0.00094	U	0.00094	0.00023	mg/Kg	☼	10/06/25 07:24	10/07/25 05:47	1
1,2-Dibromo-3-Chloropropane	0.00094	U	0.00094	0.00043	mg/Kg	☼	10/06/25 07:24	10/07/25 05:47	1
1,2-Dichlorobenzene	0.00094	U	0.00094	0.00034	mg/Kg	☼	10/06/25 07:24	10/07/25 05:47	1
1,2-Dichloroethane	0.00094	U	0.00094	0.00028	mg/Kg	☼	10/06/25 07:24	10/07/25 05:47	1
1,2-Dichloropropane	0.00094	U	0.00094	0.00040	mg/Kg	☼	10/06/25 07:24	10/07/25 05:47	1
1,3,5-Trimethylbenzene	0.00094	U	0.00094	0.00029	mg/Kg	☼	10/06/25 07:24	10/07/25 05:47	1
1,3-Dichlorobenzene	0.00094	U	0.00094	0.00034	mg/Kg	☼	10/06/25 07:24	10/07/25 05:47	1
1,4-Dichlorobenzene	0.00094	U	0.00094	0.00049	mg/Kg	☼	10/06/25 07:24	10/07/25 05:47	1
2-Butanone (MEK)	0.0047	U	0.0047	0.00034	mg/Kg	☼	10/06/25 07:24	10/07/25 05:47	1
2-Hexanone	0.0047	U	0.0047	0.0016	mg/Kg	☼	10/06/25 07:24	10/07/25 05:47	1
4-Methyl-2-pentanone (MIBK)	0.0047	U	0.0047	0.0015	mg/Kg	☼	10/06/25 07:24	10/07/25 05:47	1
Acetone	0.0056	U	0.0056	0.0054	mg/Kg	☼	10/06/25 07:24	10/07/25 05:47	1
Benzene	0.00094	U	0.00094	0.00053	mg/Kg	☼	10/06/25 07:24	10/07/25 05:47	1
Bromoform	0.00094	U	0.00094	0.00040	mg/Kg	☼	10/06/25 07:24	10/07/25 05:47	1
Bromomethane	0.0019	U	0.0019	0.00094	mg/Kg	☼	10/06/25 07:24	10/07/25 05:47	1
Carbon disulfide	0.00094	U	0.00094	0.00025	mg/Kg	☼	10/06/25 07:24	10/07/25 05:47	1
Carbon tetrachloride	0.00094	U	0.00094	0.00036	mg/Kg	☼	10/06/25 07:24	10/07/25 05:47	1
Chlorobenzene	0.00094	U	0.00094	0.00047	mg/Kg	☼	10/06/25 07:24	10/07/25 05:47	1
Chlorobromomethane	0.00094	U	0.00094	0.00056	mg/Kg	☼	10/06/25 07:24	10/07/25 05:47	1
Chlorodibromomethane	0.00094	U	0.00094	0.00050	mg/Kg	☼	10/06/25 07:24	10/07/25 05:47	1
Chloroethane	0.00094	U	0.00094	0.00049	mg/Kg	☼	10/06/25 07:24	10/07/25 05:47	1
Chloroform	0.00094	U	0.00094	0.00091	mg/Kg	☼	10/06/25 07:24	10/07/25 05:47	1
Chloromethane	0.00094	U	0.00094	0.00041	mg/Kg	☼	10/06/25 07:24	10/07/25 05:47	1
cis-1,2-Dichloroethene	0.00094	U	0.00094	0.00034	mg/Kg	☼	10/06/25 07:24	10/07/25 05:47	1
cis-1,3-Dichloropropene	0.00094	U	0.00094	0.00026	mg/Kg	☼	10/06/25 07:24	10/07/25 05:47	1
Cyclohexane	0.00094	U	0.00094	0.00021	mg/Kg	☼	10/06/25 07:24	10/07/25 05:47	1
Dichlorobromomethane	0.00094	U	0.00094	0.00024	mg/Kg	☼	10/06/25 07:24	10/07/25 05:47	1
Dichlorodifluoromethane	0.00094	U *	0.00094	0.00032	mg/Kg	☼	10/06/25 07:24	10/07/25 05:47	1
Ethylbenzene	0.00094	U	0.00094	0.00044	mg/Kg	☼	10/06/25 07:24	10/07/25 05:47	1
Ethylene Dibromide	0.00094	U	0.00094	0.00047	mg/Kg	☼	10/06/25 07:24	10/07/25 05:47	1
Isopropylbenzene	0.00094	U	0.00094	0.00027	mg/Kg	☼	10/06/25 07:24	10/07/25 05:47	1
Methyl acetate	**0.0041**	**J**	0.0047	0.0040	mg/Kg	☼	10/06/25 07:24	10/07/25 05:47	1
Methyl tert-butyl ether	0.00094	U	0.00094	0.00048	mg/Kg	☼	10/06/25 07:24	10/07/25 05:47	1
Methylcyclohexane	0.00094	U	0.00094	0.00047	mg/Kg	☼	10/06/25 07:24	10/07/25 05:47	1
Methylene Chloride	**0.0032**		0.0019	0.0011	mg/Kg	☼	10/06/25 07:24	10/07/25 05:47	1
m-Xylene & p-Xylene	0.00094	U	0.00094	0.00040	mg/Kg	☼	10/06/25 07:24	10/07/25 05:47	1
n-Butylbenzene	0.00094	U	0.00094	0.00028	mg/Kg	☼	10/06/25 07:24	10/07/25 05:47	1
N-Propylbenzene	0.00094	U	0.00094	0.00042	mg/Kg	☼	10/06/25 07:24	10/07/25 05:47	1
o-Xylene	0.00094	U	0.00094	0.00043	mg/Kg	☼	10/06/25 07:24	10/07/25 05:47	1
sec-Butylbenzene	0.00094	U	0.00094	0.00027	mg/Kg	☼	10/06/25 07:24	10/07/25 05:47	1
Styrene	0.00094	U	0.00094	0.00026	mg/Kg	☼	10/06/25 07:24	10/07/25 05:47	1

Client Sample ID: 4A3_10-11

Lab Sample ID: 460-336309-45

Date Collected: 10/02/25 11:40
Matrix: Solid
Date Received: 10/02/25 16:00
Percent Solids: 89.0

Method: SW846 8260D - Volatile Organic Compounds by GC/MS (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
tert-Butylbenzene	0.00094	U	0.00094	0.00026	mg/Kg	☼	10/06/25 07:24	10/07/25 05:47	1
Tetrachloroethene	0.00094	U	0.00094	0.00029	mg/Kg	☼	10/06/25 07:24	10/07/25 05:47	1
Toluene	0.00094	U	0.00094	0.00022	mg/Kg	☼	10/06/25 07:24	10/07/25 05:47	1
trans-1,2-Dichloroethene	0.00094	U	0.00094	0.00023	mg/Kg	☼	10/06/25 07:24	10/07/25 05:47	1
trans-1,3-Dichloropropene	0.00094	U	0.00094	0.00025	mg/Kg	☼	10/06/25 07:24	10/07/25 05:47	1
Trichloroethene	0.00094	U	0.00094	0.00030	mg/Kg	☼	10/06/25 07:24	10/07/25 05:47	1
Trichlorofluoromethane	0.00094	U	0.00094	0.00038	mg/Kg	☼	10/06/25 07:24	10/07/25 05:47	1
Vinyl chloride	0.00094	U	0.00094	0.00051	mg/Kg	☼	10/06/25 07:24	10/07/25 05:47	1
Xylenes, Total	0.0019	U	0.0019	0.00016	mg/Kg	☼	10/06/25 07:24	10/07/25 05:47	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,2-Dichloroethane-d4 (Surr)	*99*		*65 - 138*	*10/06/25 07:24*	*10/07/25 05:47*	*1*
4-Bromofluorobenzene	*97*		*71 - 128*	*10/06/25 07:24*	*10/07/25 05:47*	*1*
Dibromofluoromethane (Surr)	*100*		*50 - 150*	*10/06/25 07:24*	*10/07/25 05:47*	*1*
Toluene-d8 (Surr)	*101*		*71 - 126*	*10/06/25 07:24*	*10/07/25 05:47*	*1*

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Percent Moisture (EPA Moisture)	**11.0**		1.0	1.0	%			10/07/25 19:23	1
Percent Solids (EPA Moisture)	**89.0**		1.0	1.0	%			10/07/25 19:23	1

Client Sample ID: 4A1_12-13

Lab Sample ID: 460-336309-46

Date Collected: 10/02/25 11:45
Matrix: Solid
Date Received: 10/02/25 16:00
Percent Solids: 91.4

Method: SW846 8260D - Volatile Organic Compounds by GC/MS

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1-Trichloroethane	0.00063	U	0.00063	0.00015	mg/Kg	☼	10/06/25 07:24	10/07/25 06:11	1
1,1,2,2-Tetrachloroethane	0.00063	U	0.00063	0.00033	mg/Kg	☼	10/06/25 07:24	10/07/25 06:11	1
1,1,2-Trichloro-1,2,2-trifluoroethane	0.00063	U	0.00063	0.00019	mg/Kg	☼	10/06/25 07:24	10/07/25 06:11	1
1,1,2-Trichloroethane	0.00063	U	0.00063	0.00038	mg/Kg	☼	10/06/25 07:24	10/07/25 06:11	1
1,1-Dichloroethane	0.00063	U	0.00063	0.00038	mg/Kg	☼	10/06/25 07:24	10/07/25 06:11	1
1,1-Dichloroethene	0.00063	U	0.00063	0.00014	mg/Kg	☼	10/06/25 07:24	10/07/25 06:11	1
1,2,3-Trichlorobenzene	0.00063	U	0.00063	0.00047	mg/Kg	☼	10/06/25 07:24	10/07/25 06:11	1
1,2,4-Trichlorobenzene	0.00063	U	0.00063	0.00023	mg/Kg	☼	10/06/25 07:24	10/07/25 06:11	1
1,2,4-Trimethylbenzene	0.00063	U	0.00063	0.00016	mg/Kg	☼	10/06/25 07:24	10/07/25 06:11	1
1,2-Dibromo-3-Chloropropane	0.00063	U	0.00063	0.00029	mg/Kg	☼	10/06/25 07:24	10/07/25 06:11	1
1,2-Dichlorobenzene	0.00063	U	0.00063	0.00023	mg/Kg	☼	10/06/25 07:24	10/07/25 06:11	1
1,2-Dichloroethane	0.00063	U	0.00063	0.00019	mg/Kg	☼	10/06/25 07:24	10/07/25 06:11	1
1,2-Dichloropropane	0.00063	U	0.00063	0.00027	mg/Kg	☼	10/06/25 07:24	10/07/25 06:11	1
1,3,5-Trimethylbenzene	0.00063	U	0.00063	0.00020	mg/Kg	☼	10/06/25 07:24	10/07/25 06:11	1
1,3-Dichlorobenzene	0.00063	U	0.00063	0.00023	mg/Kg	☼	10/06/25 07:24	10/07/25 06:11	1
1,4-Dichlorobenzene	0.00063	U	0.00063	0.00033	mg/Kg	☼	10/06/25 07:24	10/07/25 06:11	1
2-Butanone (MEK)	0.0032	U	0.0032	0.00023	mg/Kg	☼	10/06/25 07:24	10/07/25 06:11	1
2-Hexanone	0.0032	U	0.0032	0.0011	mg/Kg	☼	10/06/25 07:24	10/07/25 06:11	1
4-Methyl-2-pentanone (MIBK)	0.0032	U	0.0032	0.00098	mg/Kg	☼	10/06/25 07:24	10/07/25 06:11	1
Acetone	0.0038	U	0.0038	0.0036	mg/Kg	☼	10/06/25 07:24	10/07/25 06:11	1
Benzene	0.00063	U	0.00063	0.00036	mg/Kg	☼	10/06/25 07:24	10/07/25 06:11	1
Bromoform	0.00063	U	0.00063	0.00027	mg/Kg	☼	10/06/25 07:24	10/07/25 06:11	1
Bromomethane	0.0013	U	0.0013	0.00063	mg/Kg	☼	10/06/25 07:24	10/07/25 06:11	1

Client Sample ID: 4A1_12-13
Date Collected: 10/02/25 11:45
Date Received: 10/02/25 16:00

Lab Sample ID: 460-336309-46
Matrix: Solid
Percent Solids: 91.4

Method: SW846 8260D - Volatile Organic Compounds by GC/MS (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Carbon disulfide	0.00063	U	0.00063	0.00017	mg/Kg	☼	10/06/25 07:24	10/07/25 06:11	1
Carbon tetrachloride	0.00063	U	0.00063	0.00024	mg/Kg	☼	10/06/25 07:24	10/07/25 06:11	1
Chlorobenzene	0.00063	U	0.00063	0.00032	mg/Kg	☼	10/06/25 07:24	10/07/25 06:11	1
Chlorobromomethane	0.00063	U	0.00063	0.00038	mg/Kg	☼	10/06/25 07:24	10/07/25 06:11	1
Chlorodibromomethane	0.00063	U	0.00063	0.00034	mg/Kg	☼	10/06/25 07:24	10/07/25 06:11	1
Chloroethane	0.00063	U	0.00063	0.00033	mg/Kg	☼	10/06/25 07:24	10/07/25 06:11	1
Chloroform	0.00063	U	0.00063	0.00061	mg/Kg	☼	10/06/25 07:24	10/07/25 06:11	1
Chloromethane	0.00063	U	0.00063	0.00027	mg/Kg	☼	10/06/25 07:24	10/07/25 06:11	1
cis-1,2-Dichloroethene	0.00063	U	0.00063	0.00023	mg/Kg	☼	10/06/25 07:24	10/07/25 06:11	1
cis-1,3-Dichloropropene	0.00063	U	0.00063	0.00017	mg/Kg	☼	10/06/25 07:24	10/07/25 06:11	1
Cyclohexane	0.00063	U	0.00063	0.00014	mg/Kg	☼	10/06/25 07:24	10/07/25 06:11	1
Dichlorobromomethane	0.00063	U	0.00063	0.00016	mg/Kg	☼	10/06/25 07:24	10/07/25 06:11	1
Dichlorodifluoromethane	0.00063	U *	0.00063	0.00021	mg/Kg	☼	10/06/25 07:24	10/07/25 06:11	1
Ethylbenzene	0.00063	U	0.00063	0.00030	mg/Kg	☼	10/06/25 07:24	10/07/25 06:11	1
Ethylene Dibromide	0.00063	U	0.00063	0.00032	mg/Kg	☼	10/06/25 07:24	10/07/25 06:11	1
Isopropylbenzene	0.00063	U	0.00063	0.00018	mg/Kg	☼	10/06/25 07:24	10/07/25 06:11	1
Methyl acetate	0.0032	U	0.0032	0.0027	mg/Kg	☼	10/06/25 07:24	10/07/25 06:11	1
Methyl tert-butyl ether	0.00063	U	0.00063	0.00032	mg/Kg	☼	10/06/25 07:24	10/07/25 06:11	1
Methylcyclohexane	0.00063	U	0.00063	0.00032	mg/Kg	☼	10/06/25 07:24	10/07/25 06:11	1
Methylene Chloride	0.0013	U	0.0013	0.00072	mg/Kg	☼	10/06/25 07:24	10/07/25 06:11	1
m-Xylene & p-Xylene	0.00063	U	0.00063	0.00027	mg/Kg	☼	10/06/25 07:24	10/07/25 06:11	1
n-Butylbenzene	0.00063	U	0.00063	0.00019	mg/Kg	☼	10/06/25 07:24	10/07/25 06:11	1
N-Propylbenzene	0.00063	U	0.00063	0.00028	mg/Kg	☼	10/06/25 07:24	10/07/25 06:11	1
o-Xylene	0.00063	U	0.00063	0.00029	mg/Kg	☼	10/06/25 07:24	10/07/25 06:11	1
sec-Butylbenzene	0.00063	U	0.00063	0.00018	mg/Kg	☼	10/06/25 07:24	10/07/25 06:11	1
Styrene	0.00063	U	0.00063	0.00018	mg/Kg	☼	10/06/25 07:24	10/07/25 06:11	1
tert-Butylbenzene	0.00063	U	0.00063	0.00017	mg/Kg	☼	10/06/25 07:24	10/07/25 06:11	1
Tetrachloroethene	0.00063	U	0.00063	0.00019	mg/Kg	☼	10/06/25 07:24	10/07/25 06:11	1
Toluene	0.00063	U	0.00063	0.00015	mg/Kg	☼	10/06/25 07:24	10/07/25 06:11	1
trans-1,2-Dichloroethene	0.00063	U	0.00063	0.00016	mg/Kg	☼	10/06/25 07:24	10/07/25 06:11	1
trans-1,3-Dichloropropene	0.00063	U	0.00063	0.00017	mg/Kg	☼	10/06/25 07:24	10/07/25 06:11	1
Trichloroethene	0.00063	U	0.00063	0.00020	mg/Kg	☼	10/06/25 07:24	10/07/25 06:11	1
Trichlorofluoromethane	0.00063	U	0.00063	0.00026	mg/Kg	☼	10/06/25 07:24	10/07/25 06:11	1
Vinyl chloride	0.00063	U	0.00063	0.00034	mg/Kg	☼	10/06/25 07:24	10/07/25 06:11	1
Xylenes, Total	0.0013	U	0.0013	0.00011	mg/Kg	☼	10/06/25 07:24	10/07/25 06:11	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,2-Dichloroethane-d4 (Surr)	*106*		*65 - 138*	*10/06/25 07:24*	*10/07/25 06:11*	*1*
4-Bromofluorobenzene	*98*		*71 - 128*	*10/06/25 07:24*	*10/07/25 06:11*	*1*
Dibromofluoromethane (Surr)	*101*		*50 - 150*	*10/06/25 07:24*	*10/07/25 06:11*	*1*
Toluene-d8 (Surr)	*102*		*71 - 126*	*10/06/25 07:24*	*10/07/25 06:11*	*1*

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Percent Moisture (EPA Moisture)	**8.6**		1.0	1.0	%			10/07/25 19:23	1
Percent Solids (EPA Moisture)	**91.4**		1.0	1.0	%			10/07/25 19:23	1

Client Sample ID: 4B1_2-3
Date Collected: 10/02/25 11:50
Date Received: 10/02/25 16:00

Lab Sample ID: 460-336309-47
Matrix: Solid
Percent Solids: 96.8

Method: SW846 8260D - Volatile Organic Compounds by GC/MS

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1-Trichloroethane	0.0012	U	0.0012	0.00027	mg/Kg	☼	10/06/25 07:24	10/07/25 06:36	1
1,1,2,2-Tetrachloroethane	0.0012	U	0.0012	0.00060	mg/Kg	☼	10/06/25 07:24	10/07/25 06:36	1
1,1,2-Trichloro-1,2,2-trifluoroethane	0.0012	U	0.0012	0.00035	mg/Kg	☼	10/06/25 07:24	10/07/25 06:36	1
1,1,2-Trichloroethane	0.0012	U	0.0012	0.00069	mg/Kg	☼	10/06/25 07:24	10/07/25 06:36	1
1,1-Dichloroethane	0.0012	U	0.0012	0.00069	mg/Kg	☼	10/06/25 07:24	10/07/25 06:36	1
1,1-Dichloroethene	0.0012	U	0.0012	0.00026	mg/Kg	☼	10/06/25 07:24	10/07/25 06:36	1
1,2,3-Trichlorobenzene	0.0012	U	0.0012	0.00085	mg/Kg	☼	10/06/25 07:24	10/07/25 06:36	1
1,2,4-Trichlorobenzene	0.0012	U	0.0012	0.00041	mg/Kg	☼	10/06/25 07:24	10/07/25 06:36	1
1,2,4-Trimethylbenzene	0.0012	U	0.0012	0.00028	mg/Kg	☼	10/06/25 07:24	10/07/25 06:36	1
1,2-Dibromo-3-Chloropropane	0.0012	U	0.0012	0.00053	mg/Kg	☼	10/06/25 07:24	10/07/25 06:36	1
1,2-Dichlorobenzene	0.0012	U	0.0012	0.00042	mg/Kg	☼	10/06/25 07:24	10/07/25 06:36	1
1,2-Dichloroethane	0.0012	U	0.0012	0.00034	mg/Kg	☼	10/06/25 07:24	10/07/25 06:36	1
1,2-Dichloropropane	0.0012	U	0.0012	0.00049	mg/Kg	☼	10/06/25 07:24	10/07/25 06:36	1
1,3,5-Trimethylbenzene	0.0012	U	0.0012	0.00036	mg/Kg	☼	10/06/25 07:24	10/07/25 06:36	1
1,3-Dichlorobenzene	0.0012	U	0.0012	0.00042	mg/Kg	☼	10/06/25 07:24	10/07/25 06:36	1
1,4-Dichlorobenzene	0.0012	U	0.0012	0.00060	mg/Kg	☼	10/06/25 07:24	10/07/25 06:36	1
2-Butanone (MEK)	0.0058	U	0.0058	0.00043	mg/Kg	☼	10/06/25 07:24	10/07/25 06:36	1
2-Hexanone	0.0058	U	0.0058	0.0020	mg/Kg	☼	10/06/25 07:24	10/07/25 06:36	1
4-Methyl-2-pentanone (MIBK)	0.0058	U	0.0058	0.0018	mg/Kg	☼	10/06/25 07:24	10/07/25 06:36	1
Acetone	0.0069	U	0.0069	0.0066	mg/Kg	☼	10/06/25 07:24	10/07/25 06:36	1
Benzene	0.0012	U	0.0012	0.00066	mg/Kg	☼	10/06/25 07:24	10/07/25 06:36	1
Bromoform	0.0012	U	0.0012	0.00049	mg/Kg	☼	10/06/25 07:24	10/07/25 06:36	1
Bromomethane	0.0023	U	0.0023	0.0012	mg/Kg	☼	10/06/25 07:24	10/07/25 06:36	1
Carbon disulfide	0.0012	U	0.0012	0.00031	mg/Kg	☼	10/06/25 07:24	10/07/25 06:36	1
Carbon tetrachloride	0.0012	U	0.0012	0.00045	mg/Kg	☼	10/06/25 07:24	10/07/25 06:36	1
Chlorobenzene	0.0012	U	0.0012	0.00059	mg/Kg	☼	10/06/25 07:24	10/07/25 06:36	1
Chlorobromomethane	0.0012	U	0.0012	0.00069	mg/Kg	☼	10/06/25 07:24	10/07/25 06:36	1
Chlorodibromomethane	0.0012	U	0.0012	0.00062	mg/Kg	☼	10/06/25 07:24	10/07/25 06:36	1
Chloroethane	0.0012	U	0.0012	0.00060	mg/Kg	☼	10/06/25 07:24	10/07/25 06:36	1
Chloroform	0.0012	U	0.0012	0.0011	mg/Kg	☼	10/06/25 07:24	10/07/25 06:36	1
Chloromethane	0.0012	U	0.0012	0.00050	mg/Kg	☼	10/06/25 07:24	10/07/25 06:36	1
cis-1,2-Dichloroethene	0.0012	U	0.0012	0.00041	mg/Kg	☼	10/06/25 07:24	10/07/25 06:36	1
cis-1,3-Dichloropropene	0.0012	U	0.0012	0.00032	mg/Kg	☼	10/06/25 07:24	10/07/25 06:36	1
Cyclohexane	0.0012	U	0.0012	0.00026	mg/Kg	☼	10/06/25 07:24	10/07/25 06:36	1
Dichlorobromomethane	0.0012	U	0.0012	0.00030	mg/Kg	☼	10/06/25 07:24	10/07/25 06:36	1
Dichlorodifluoromethane	0.0012	U *	0.0012	0.00039	mg/Kg	☼	10/06/25 07:24	10/07/25 06:36	1
Ethylbenzene	0.0012	U	0.0012	0.00054	mg/Kg	☼	10/06/25 07:24	10/07/25 06:36	1
Ethylene Dibromide	0.0012	U	0.0012	0.00058	mg/Kg	☼	10/06/25 07:24	10/07/25 06:36	1
Isopropylbenzene	0.0012	U	0.0012	0.00033	mg/Kg	☼	10/06/25 07:24	10/07/25 06:36	1
Methyl acetate	0.0058	U	0.0058	0.0050	mg/Kg	☼	10/06/25 07:24	10/07/25 06:36	1
Methyl tert-butyl ether	0.0012	U	0.0012	0.00059	mg/Kg	☼	10/06/25 07:24	10/07/25 06:36	1
Methylcyclohexane	0.0012	U	0.0012	0.00058	mg/Kg	☼	10/06/25 07:24	10/07/25 06:36	1
Methylene Chloride	**0.0046**		0.0023	0.0013	mg/Kg	☼	10/06/25 07:24	10/07/25 06:36	1
m-Xylene & p-Xylene	0.0012	U	0.0012	0.00049	mg/Kg	☼	10/06/25 07:24	10/07/25 06:36	1
n-Butylbenzene	0.0012	U	0.0012	0.00034	mg/Kg	☼	10/06/25 07:24	10/07/25 06:36	1
N-Propylbenzene	0.0012	U	0.0012	0.00052	mg/Kg	☼	10/06/25 07:24	10/07/25 06:36	1
o-Xylene	0.0012	U	0.0012	0.00053	mg/Kg	☼	10/06/25 07:24	10/07/25 06:36	1
sec-Butylbenzene	0.0012	U	0.0012	0.00033	mg/Kg	☼	10/06/25 07:24	10/07/25 06:36	1
Styrene	0.0012	U	0.0012	0.00032	mg/Kg	☼	10/06/25 07:24	10/07/25 06:36	1

Client Sample ID: 4B1_2-3

Lab Sample ID: 460-336309-47

Date Collected: 10/02/25 11:50
Matrix: Solid
Date Received: 10/02/25 16:00
Percent Solids: 96.8

Method: SW846 8260D - Volatile Organic Compounds by GC/MS (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
tert-Butylbenzene	0.0012	U	0.0012	0.00032	mg/Kg	☼	10/06/25 07:24	10/07/25 06:36	1
Tetrachloroethene	0.0012	U	0.0012	0.00035	mg/Kg	☼	10/06/25 07:24	10/07/25 06:36	1
Toluene	0.0012	U	0.0012	0.00027	mg/Kg	☼	10/06/25 07:24	10/07/25 06:36	1
trans-1,2-Dichloroethene	0.0012	U	0.0012	0.00028	mg/Kg	☼	10/06/25 07:24	10/07/25 06:36	1
trans-1,3-Dichloropropene	0.0012	U	0.0012	0.00031	mg/Kg	☼	10/06/25 07:24	10/07/25 06:36	1
Trichloroethene	0.0012	U	0.0012	0.00037	mg/Kg	☼	10/06/25 07:24	10/07/25 06:36	1
Trichlorofluoromethane	0.0012	U	0.0012	0.00047	mg/Kg	☼	10/06/25 07:24	10/07/25 06:36	1
Vinyl chloride	0.0012	U	0.0012	0.00063	mg/Kg	☼	10/06/25 07:24	10/07/25 06:36	1
Xylenes, Total	0.0023	U	0.0023	0.00020	mg/Kg	☼	10/06/25 07:24	10/07/25 06:36	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,2-Dichloroethane-d4 (Surr)	*101*		*65 - 138*	*10/06/25 07:24*	*10/07/25 06:36*	*1*
4-Bromofluorobenzene	*100*		*71 - 128*	*10/06/25 07:24*	*10/07/25 06:36*	*1*
Dibromofluoromethane (Surr)	*100*		*50 - 150*	*10/06/25 07:24*	*10/07/25 06:36*	*1*
Toluene-d8 (Surr)	*103*		*71 - 126*	*10/06/25 07:24*	*10/07/25 06:36*	*1*

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Percent Moisture (EPA Moisture)	**3.2**		1.0	1.0	%			10/07/25 19:23	1
Percent Solids (EPA Moisture)	**96.8**		1.0	1.0	%			10/07/25 19:23	1

Client Sample ID: 4B2_3-4

Lab Sample ID: 460-336309-48

Date Collected: 10/02/25 11:55
Matrix: Solid
Date Received: 10/02/25 16:00
Percent Solids: 91.0

Method: SW846 8260D - Volatile Organic Compounds by GC/MS

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1-Trichloroethane	0.0012	U	0.0012	0.00027	mg/Kg	☼	10/06/25 07:25	10/07/25 07:00	1
1,1,2,2-Tetrachloroethane	0.0012	U	0.0012	0.00060	mg/Kg	☼	10/06/25 07:25	10/07/25 07:00	1
1,1,2-Trichloro-1,2,2-trifluoroethane	0.0012	U	0.0012	0.00035	mg/Kg	☼	10/06/25 07:25	10/07/25 07:00	1
1,1,2-Trichloroethane	0.0012	U	0.0012	0.00069	mg/Kg	☼	10/06/25 07:25	10/07/25 07:00	1
1,1-Dichloroethane	0.0012	U	0.0012	0.00069	mg/Kg	☼	10/06/25 07:25	10/07/25 07:00	1
1,1-Dichloroethene	0.0012	U	0.0012	0.00026	mg/Kg	☼	10/06/25 07:25	10/07/25 07:00	1
1,2,3-Trichlorobenzene	0.0012	U	0.0012	0.00085	mg/Kg	☼	10/06/25 07:25	10/07/25 07:00	1
1,2,4-Trichlorobenzene	0.0012	U	0.0012	0.00041	mg/Kg	☼	10/06/25 07:25	10/07/25 07:00	1
1,2,4-Trimethylbenzene	0.0012	U	0.0012	0.00028	mg/Kg	☼	10/06/25 07:25	10/07/25 07:00	1
1,2-Dibromo-3-Chloropropane	0.0012	U	0.0012	0.00053	mg/Kg	☼	10/06/25 07:25	10/07/25 07:00	1
1,2-Dichlorobenzene	0.0012	U	0.0012	0.00042	mg/Kg	☼	10/06/25 07:25	10/07/25 07:00	1
1,2-Dichloroethane	0.0012	U	0.0012	0.00034	mg/Kg	☼	10/06/25 07:25	10/07/25 07:00	1
1,2-Dichloropropane	0.0012	U	0.0012	0.00049	mg/Kg	☼	10/06/25 07:25	10/07/25 07:00	1
1,3,5-Trimethylbenzene	0.0012	U	0.0012	0.00036	mg/Kg	☼	10/06/25 07:25	10/07/25 07:00	1
1,3-Dichlorobenzene	0.0012	U	0.0012	0.00042	mg/Kg	☼	10/06/25 07:25	10/07/25 07:00	1
1,4-Dichlorobenzene	0.0012	U	0.0012	0.00060	mg/Kg	☼	10/06/25 07:25	10/07/25 07:00	1
2-Butanone (MEK)	0.0058	U	0.0058	0.00042	mg/Kg	☼	10/06/25 07:25	10/07/25 07:00	1
2-Hexanone	0.0058	U	0.0058	0.0020	mg/Kg	☼	10/06/25 07:25	10/07/25 07:00	1
4-Methyl-2-pentanone (MIBK)	0.0058	U	0.0058	0.0018	mg/Kg	☼	10/06/25 07:25	10/07/25 07:00	1
Acetone	0.0069	U	0.0069	0.0066	mg/Kg	☼	10/06/25 07:25	10/07/25 07:00	1
Benzene	0.0012	U	0.0012	0.00065	mg/Kg	☼	10/06/25 07:25	10/07/25 07:00	1
Bromoform	0.0012	U	0.0012	0.00049	mg/Kg	☼	10/06/25 07:25	10/07/25 07:00	1
Bromomethane	0.0023	U	0.0023	0.0012	mg/Kg	☼	10/06/25 07:25	10/07/25 07:00	1

Client Sample ID: 4B2_3-4
Date Collected: 10/02/25 11:55
Date Received: 10/02/25 16:00

Lab Sample ID: 460-336309-48
Matrix: Solid
Percent Solids: 91.0

Method: SW846 8260D - Volatile Organic Compounds by GC/MS (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Carbon disulfide	0.0012	U	0.0012	0.00031	mg/Kg	☼	10/06/25 07:25	10/07/25 07:00	1
Carbon tetrachloride	0.0012	U	0.0012	0.00045	mg/Kg	☼	10/06/25 07:25	10/07/25 07:00	1
Chlorobenzene	0.0012	U	0.0012	0.00058	mg/Kg	☼	10/06/25 07:25	10/07/25 07:00	1
Chlorobromomethane	0.0012	U	0.0012	0.00069	mg/Kg	☼	10/06/25 07:25	10/07/25 07:00	1
Chlorodibromomethane	0.0012	U	0.0012	0.00062	mg/Kg	☼	10/06/25 07:25	10/07/25 07:00	1
Chloroethane	0.0012	U	0.0012	0.00060	mg/Kg	☼	10/06/25 07:25	10/07/25 07:00	1
Chloroform	0.0012	U	0.0012	0.0011	mg/Kg	☼	10/06/25 07:25	10/07/25 07:00	1
Chloromethane	0.0012	U	0.0012	0.00050	mg/Kg	☼	10/06/25 07:25	10/07/25 07:00	1
cis-1,2-Dichloroethene	0.0012	U	0.0012	0.00041	mg/Kg	☼	10/06/25 07:25	10/07/25 07:00	1
cis-1,3-Dichloropropene	0.0012	U	0.0012	0.00031	mg/Kg	☼	10/06/25 07:25	10/07/25 07:00	1
Cyclohexane	0.0012	U	0.0012	0.00025	mg/Kg	☼	10/06/25 07:25	10/07/25 07:00	1
Dichlorobromomethane	0.0012	U	0.0012	0.00030	mg/Kg	☼	10/06/25 07:25	10/07/25 07:00	1
Dichlorodifluoromethane	0.0012	U *	0.0012	0.00039	mg/Kg	☼	10/06/25 07:25	10/07/25 07:00	1
Ethylbenzene	0.0012	U	0.0012	0.00054	mg/Kg	☼	10/06/25 07:25	10/07/25 07:00	1
Ethylene Dibromide	0.0012	U	0.0012	0.00058	mg/Kg	☼	10/06/25 07:25	10/07/25 07:00	1
Isopropylbenzene	0.0012	U	0.0012	0.00033	mg/Kg	☼	10/06/25 07:25	10/07/25 07:00	1
Methyl acetate	0.0058	U	0.0058	0.0050	mg/Kg	☼	10/06/25 07:25	10/07/25 07:00	1
Methyl tert-butyl ether	0.0012	U	0.0012	0.00059	mg/Kg	☼	10/06/25 07:25	10/07/25 07:00	1
Methylcyclohexane	0.0012	U	0.0012	0.00058	mg/Kg	☼	10/06/25 07:25	10/07/25 07:00	1
Methylene Chloride	**0.0053**		0.0023	0.0013	mg/Kg	☼	10/06/25 07:25	10/07/25 07:00	1
m-Xylene & p-Xylene	0.0012	U	0.0012	0.00049	mg/Kg	☼	10/06/25 07:25	10/07/25 07:00	1
n-Butylbenzene	0.0012	U	0.0012	0.00034	mg/Kg	☼	10/06/25 07:25	10/07/25 07:00	1
N-Propylbenzene	0.0012	U	0.0012	0.00052	mg/Kg	☼	10/06/25 07:25	10/07/25 07:00	1
o-Xylene	0.0012	U	0.0012	0.00053	mg/Kg	☼	10/06/25 07:25	10/07/25 07:00	1
sec-Butylbenzene	0.0012	U	0.0012	0.00033	mg/Kg	☼	10/06/25 07:25	10/07/25 07:00	1
Styrene	0.0012	U	0.0012	0.00032	mg/Kg	☼	10/06/25 07:25	10/07/25 07:00	1
tert-Butylbenzene	0.0012	U	0.0012	0.00032	mg/Kg	☼	10/06/25 07:25	10/07/25 07:00	1
Tetrachloroethene	0.0012	U	0.0012	0.00035	mg/Kg	☼	10/06/25 07:25	10/07/25 07:00	1
Toluene	0.0012	U	0.0012	0.00027	mg/Kg	☼	10/06/25 07:25	10/07/25 07:00	1
trans-1,2-Dichloroethene	0.0012	U	0.0012	0.00028	mg/Kg	☼	10/06/25 07:25	10/07/25 07:00	1
trans-1,3-Dichloropropene	0.0012	U	0.0012	0.00031	mg/Kg	☼	10/06/25 07:25	10/07/25 07:00	1
Trichloroethene	0.0012	U	0.0012	0.00037	mg/Kg	☼	10/06/25 07:25	10/07/25 07:00	1
Trichlorofluoromethane	0.0012	U	0.0012	0.00047	mg/Kg	☼	10/06/25 07:25	10/07/25 07:00	1
Vinyl chloride	0.0012	U	0.0012	0.00063	mg/Kg	☼	10/06/25 07:25	10/07/25 07:00	1
Xylenes, Total	0.0023	U	0.0023	0.00020	mg/Kg	☼	10/06/25 07:25	10/07/25 07:00	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,2-Dichloroethane-d4 (Surr)	*101*		*65 - 138*	*10/06/25 07:25*	*10/07/25 07:00*	*1*
4-Bromofluorobenzene	*97*		*71 - 128*	*10/06/25 07:25*	*10/07/25 07:00*	*1*
Dibromofluoromethane (Surr)	*99*		*50 - 150*	*10/06/25 07:25*	*10/07/25 07:00*	*1*
Toluene-d8 (Surr)	*102*		*71 - 126*	*10/06/25 07:25*	*10/07/25 07:00*	*1*

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Percent Moisture (EPA Moisture)	**9.0**		1.0	1.0	%			10/07/25 19:23	1
Percent Solids (EPA Moisture)	**91.0**		1.0	1.0	%			10/07/25 19:23	1

Client: Haley & Aldrich, Inc.
Project/Site: Former Port Mobil

Job ID: 460-336309-1

Client Sample ID: 4B3_5-6
Date Collected: 10/02/25 12:00
Date Received: 10/02/25 16:00

Lab Sample ID: 460-336309-49
Matrix: Solid
Percent Solids: 92.5

Method: SW846 8260D - Volatile Organic Compounds by GC/MS

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1-Trichloroethane	0.0011	U	0.0011	0.00025	mg/Kg	☼	10/06/25 07:25	10/07/25 07:24	1
1,1,2,2-Tetrachloroethane	0.0011	U	0.0011	0.00057	mg/Kg	☼	10/06/25 07:25	10/07/25 07:24	1
1,1,2-Trichloro-1,2,2-trifluoroethane	0.0011	U	0.0011	0.00033	mg/Kg	☼	10/06/25 07:25	10/07/25 07:24	1
1,1,2-Trichloroethane	0.0011	U	0.0011	0.00065	mg/Kg	☼	10/06/25 07:25	10/07/25 07:24	1
1,1-Dichloroethane	0.0011	U	0.0011	0.00065	mg/Kg	☼	10/06/25 07:25	10/07/25 07:24	1
1,1-Dichloroethene	0.0011	U	0.0011	0.00024	mg/Kg	☼	10/06/25 07:25	10/07/25 07:24	1
1,2,3-Trichlorobenzene	0.0011	U	0.0011	0.00080	mg/Kg	☼	10/06/25 07:25	10/07/25 07:24	1
1,2,4-Trichlorobenzene	0.0011	U	0.0011	0.00039	mg/Kg	☼	10/06/25 07:25	10/07/25 07:24	1
1,2,4-Trimethylbenzene	0.0011	U	0.0011	0.00027	mg/Kg	☼	10/06/25 07:25	10/07/25 07:24	1
1,2-Dibromo-3-Chloropropane	0.0011	U	0.0011	0.00050	mg/Kg	☼	10/06/25 07:25	10/07/25 07:24	1
1,2-Dichlorobenzene	0.0011	U	0.0011	0.00039	mg/Kg	☼	10/06/25 07:25	10/07/25 07:24	1
1,2-Dichloroethane	0.0011	U	0.0011	0.00032	mg/Kg	☼	10/06/25 07:25	10/07/25 07:24	1
1,2-Dichloropropane	0.0011	U	0.0011	0.00046	mg/Kg	☼	10/06/25 07:25	10/07/25 07:24	1
1,3,5-Trimethylbenzene	0.0011	U	0.0011	0.00034	mg/Kg	☼	10/06/25 07:25	10/07/25 07:24	1
1,3-Dichlorobenzene	0.0011	U	0.0011	0.00040	mg/Kg	☼	10/06/25 07:25	10/07/25 07:24	1
1,4-Dichlorobenzene	0.0011	U	0.0011	0.00057	mg/Kg	☼	10/06/25 07:25	10/07/25 07:24	1
2-Butanone (MEK)	0.0054	U	0.0054	0.00040	mg/Kg	☼	10/06/25 07:25	10/07/25 07:24	1
2-Hexanone	0.0054	U	0.0054	0.0019	mg/Kg	☼	10/06/25 07:25	10/07/25 07:24	1
4-Methyl-2-pentanone (MIBK)	0.0054	U	0.0054	0.0017	mg/Kg	☼	10/06/25 07:25	10/07/25 07:24	1
Acetone	0.0065	U	0.0065	0.0062	mg/Kg	☼	10/06/25 07:25	10/07/25 07:24	1
Benzene	0.0011	U	0.0011	0.00062	mg/Kg	☼	10/06/25 07:25	10/07/25 07:24	1
Bromoform	0.0011	U	0.0011	0.00046	mg/Kg	☼	10/06/25 07:25	10/07/25 07:24	1
Bromomethane	0.0022	U	0.0022	0.0011	mg/Kg	☼	10/06/25 07:25	10/07/25 07:24	1
Carbon disulfide	0.0011	U	0.0011	0.00029	mg/Kg	☼	10/06/25 07:25	10/07/25 07:24	1
Carbon tetrachloride	0.0011	U	0.0011	0.00042	mg/Kg	☼	10/06/25 07:25	10/07/25 07:24	1
Chlorobenzene	0.0011	U	0.0011	0.00055	mg/Kg	☼	10/06/25 07:25	10/07/25 07:24	1
Chlorobromomethane	0.0011	U	0.0011	0.00065	mg/Kg	☼	10/06/25 07:25	10/07/25 07:24	1
Chlorodibromomethane	0.0011	U	0.0011	0.00058	mg/Kg	☼	10/06/25 07:25	10/07/25 07:24	1
Chloroethane	0.0011	U	0.0011	0.00057	mg/Kg	☼	10/06/25 07:25	10/07/25 07:24	1
Chloroform	0.0011	U	0.0011	0.0011	mg/Kg	☼	10/06/25 07:25	10/07/25 07:24	1
Chloromethane	0.0011	U	0.0011	0.00047	mg/Kg	☼	10/06/25 07:25	10/07/25 07:24	1
cis-1,2-Dichloroethene	0.0011	U	0.0011	0.00039	mg/Kg	☼	10/06/25 07:25	10/07/25 07:24	1
cis-1,3-Dichloropropene	0.0011	U	0.0011	0.00030	mg/Kg	☼	10/06/25 07:25	10/07/25 07:24	1
Cyclohexane	0.0011	U	0.0011	0.00024	mg/Kg	☼	10/06/25 07:25	10/07/25 07:24	1
Dichlorobromomethane	0.0011	U	0.0011	0.00028	mg/Kg	☼	10/06/25 07:25	10/07/25 07:24	1
Dichlorodifluoromethane	0.0011	U *	0.0011	0.00037	mg/Kg	☼	10/06/25 07:25	10/07/25 07:24	1
Ethylbenzene	0.0011	U	0.0011	0.00051	mg/Kg	☼	10/06/25 07:25	10/07/25 07:24	1
Ethylene Dibromide	0.0011	U	0.0011	0.00055	mg/Kg	☼	10/06/25 07:25	10/07/25 07:24	1
Isopropylbenzene	0.0011	U	0.0011	0.00031	mg/Kg	☼	10/06/25 07:25	10/07/25 07:24	1
Methyl acetate	0.0054	U	0.0054	0.0047	mg/Kg	☼	10/06/25 07:25	10/07/25 07:24	1
Methyl tert-butyl ether	0.0011	U	0.0011	0.00056	mg/Kg	☼	10/06/25 07:25	10/07/25 07:24	1
Methylcyclohexane	0.0011	U	0.0011	0.00054	mg/Kg	☼	10/06/25 07:25	10/07/25 07:24	1
Methylene Chloride	**0.0034**		0.0022	0.0012	mg/Kg	☼	10/06/25 07:25	10/07/25 07:24	1
m-Xylene & p-Xylene	0.0011	U	0.0011	0.00046	mg/Kg	☼	10/06/25 07:25	10/07/25 07:24	1
n-Butylbenzene	0.0011	U	0.0011	0.00032	mg/Kg	☼	10/06/25 07:25	10/07/25 07:24	1
N-Propylbenzene	0.0011	U	0.0011	0.00049	mg/Kg	☼	10/06/25 07:25	10/07/25 07:24	1
o-Xylene	0.0011	U	0.0011	0.00050	mg/Kg	☼	10/06/25 07:25	10/07/25 07:24	1
sec-Butylbenzene	0.0011	U	0.0011	0.00031	mg/Kg	☼	10/06/25 07:25	10/07/25 07:24	1
Styrene	0.0011	U	0.0011	0.00030	mg/Kg	☼	10/06/25 07:25	10/07/25 07:24	1

Client Sample ID: 4B3_5-6

Lab Sample ID: 460-336309-49

Date Collected: 10/02/25 12:00
Matrix: Solid
Date Received: 10/02/25 16:00
Percent Solids: 92.5

Method: SW846 8260D - Volatile Organic Compounds by GC/MS (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
tert-Butylbenzene	0.0011	U	0.0011	0.00030	mg/Kg	☼	10/06/25 07:25	10/07/25 07:24	1
Tetrachloroethene	0.0011	U	0.0011	0.00033	mg/Kg	☼	10/06/25 07:25	10/07/25 07:24	1
Toluene	0.0011	U	0.0011	0.00025	mg/Kg	☼	10/06/25 07:25	10/07/25 07:24	1
trans-1,2-Dichloroethene	0.0011	U	0.0011	0.00027	mg/Kg	☼	10/06/25 07:25	10/07/25 07:24	1
trans-1,3-Dichloropropene	0.0011	U	0.0011	0.00029	mg/Kg	☼	10/06/25 07:25	10/07/25 07:24	1
Trichloroethene	0.0011	U	0.0011	0.00035	mg/Kg	☼	10/06/25 07:25	10/07/25 07:24	1
Trichlorofluoromethane	0.0011	U	0.0011	0.00044	mg/Kg	☼	10/06/25 07:25	10/07/25 07:24	1
Vinyl chloride	0.0011	U	0.0011	0.00059	mg/Kg	☼	10/06/25 07:25	10/07/25 07:24	1
Xylenes, Total	0.0022	U	0.0022	0.00019	mg/Kg	☼	10/06/25 07:25	10/07/25 07:24	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,2-Dichloroethane-d4 (Surr)	*100*		*65 - 138*	*10/06/25 07:25*	*10/07/25 07:24*	*1*
4-Bromofluorobenzene	*97*		*71 - 128*	*10/06/25 07:25*	*10/07/25 07:24*	*1*
Dibromofluoromethane (Surr)	*99*		*50 - 150*	*10/06/25 07:25*	*10/07/25 07:24*	*1*
Toluene-d8 (Surr)	*101*		*71 - 126*	*10/06/25 07:25*	*10/07/25 07:24*	*1*

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Percent Moisture (EPA Moisture)	**7.5**		1.0	1.0	%			10/07/25 19:23	1
Percent Solids (EPA Moisture)	**92.5**		1.0	1.0	%			10/07/25 19:23	1

Client Sample ID: 4B1_7-8

Lab Sample ID: 460-336309-50

Date Collected: 10/02/25 12:05
Matrix: Solid
Date Received: 10/02/25 16:00
Percent Solids: 94.8

Method: SW846 8260D - Volatile Organic Compounds by GC/MS

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1-Trichloroethane	0.0013	U	0.0013	0.00031	mg/Kg	☼	10/06/25 07:25	10/07/25 07:48	1
1,1,2,2-Tetrachloroethane	0.0013	U	0.0013	0.00070	mg/Kg	☼	10/06/25 07:25	10/07/25 07:48	1
1,1,2-Trichloro-1,2,2-trifluoroethane	0.0013	U	0.0013	0.00040	mg/Kg	☼	10/06/25 07:25	10/07/25 07:48	1
1,1,2-Trichloroethane	0.0013	U	0.0013	0.00080	mg/Kg	☼	10/06/25 07:25	10/07/25 07:48	1
1,1-Dichloroethane	0.0013	U	0.0013	0.00080	mg/Kg	☼	10/06/25 07:25	10/07/25 07:48	1
1,1-Dichloroethene	0.0013	U	0.0013	0.00030	mg/Kg	☼	10/06/25 07:25	10/07/25 07:48	1
1,2,3-Trichlorobenzene	0.0013	U	0.0013	0.00098	mg/Kg	☼	10/06/25 07:25	10/07/25 07:48	1
1,2,4-Trichlorobenzene	0.0013	U	0.0013	0.00048	mg/Kg	☼	10/06/25 07:25	10/07/25 07:48	1
1,2,4-Trimethylbenzene	0.0013	U	0.0013	0.00033	mg/Kg	☼	10/06/25 07:25	10/07/25 07:48	1
1,2-Dibromo-3-Chloropropane	0.0013	U	0.0013	0.00061	mg/Kg	☼	10/06/25 07:25	10/07/25 07:48	1
1,2-Dichlorobenzene	0.0013	U	0.0013	0.00048	mg/Kg	☼	10/06/25 07:25	10/07/25 07:48	1
1,2-Dichloroethane	0.0013	U	0.0013	0.00039	mg/Kg	☼	10/06/25 07:25	10/07/25 07:48	1
1,2-Dichloropropane	0.0013	U	0.0013	0.00056	mg/Kg	☼	10/06/25 07:25	10/07/25 07:48	1
1,3,5-Trimethylbenzene	0.0013	U	0.0013	0.00042	mg/Kg	☼	10/06/25 07:25	10/07/25 07:48	1
1,3-Dichlorobenzene	0.0013	U	0.0013	0.00049	mg/Kg	☼	10/06/25 07:25	10/07/25 07:48	1
1,4-Dichlorobenzene	0.0013	U	0.0013	0.00069	mg/Kg	☼	10/06/25 07:25	10/07/25 07:48	1
2-Butanone (MEK)	0.0067	U	0.0067	0.00049	mg/Kg	☼	10/06/25 07:25	10/07/25 07:48	1
2-Hexanone	0.0067	U	0.0067	0.0023	mg/Kg	☼	10/06/25 07:25	10/07/25 07:48	1
4-Methyl-2-pentanone (MIBK)	0.0067	U	0.0067	0.0021	mg/Kg	☼	10/06/25 07:25	10/07/25 07:48	1
Acetone	0.0080	U	0.0080	0.0076	mg/Kg	☼	10/06/25 07:25	10/07/25 07:48	1
Benzene	0.0013	U	0.0013	0.00076	mg/Kg	☼	10/06/25 07:25	10/07/25 07:48	1
Bromoform	0.0013	U	0.0013	0.00057	mg/Kg	☼	10/06/25 07:25	10/07/25 07:48	1
Bromomethane	0.0027	U	0.0027	0.0013	mg/Kg	☼	10/06/25 07:25	10/07/25 07:48	1

Client Sample ID: 4B1_7-8
Date Collected: 10/02/25 12:05
Date Received: 10/02/25 16:00

Lab Sample ID: 460-336309-50
Matrix: Solid
Percent Solids: 94.8

Method: SW846 8260D - Volatile Organic Compounds by GC/MS (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Carbon disulfide	0.0013	U	0.0013	0.00035	mg/Kg	☼	10/06/25 07:25	10/07/25 07:48	1
Carbon tetrachloride	0.0013	U	0.0013	0.00052	mg/Kg	☼	10/06/25 07:25	10/07/25 07:48	1
Chlorobenzene	0.0013	U	0.0013	0.00068	mg/Kg	☼	10/06/25 07:25	10/07/25 07:48	1
Chlorobromomethane	0.0013	U	0.0013	0.00080	mg/Kg	☼	10/06/25 07:25	10/07/25 07:48	1
Chlorodibromomethane	0.0013	U	0.0013	0.00072	mg/Kg	☼	10/06/25 07:25	10/07/25 07:48	1
Chloroethane	0.0013	U	0.0013	0.00070	mg/Kg	☼	10/06/25 07:25	10/07/25 07:48	1
Chloroform	0.0013	U	0.0013	0.0013	mg/Kg	☼	10/06/25 07:25	10/07/25 07:48	1
Chloromethane	0.0013	U	0.0013	0.00058	mg/Kg	☼	10/06/25 07:25	10/07/25 07:48	1
cis-1,2-Dichloroethene	0.0013	U	0.0013	0.00048	mg/Kg	☼	10/06/25 07:25	10/07/25 07:48	1
cis-1,3-Dichloropropene	0.0013	U	0.0013	0.00036	mg/Kg	☼	10/06/25 07:25	10/07/25 07:48	1
Cyclohexane	0.0013	U	0.0013	0.00029	mg/Kg	☼	10/06/25 07:25	10/07/25 07:48	1
Dichlorobromomethane	0.0013	U	0.0013	0.00034	mg/Kg	☼	10/06/25 07:25	10/07/25 07:48	1
Dichlorodifluoromethane	0.0013	U *	0.0013	0.00045	mg/Kg	☼	10/06/25 07:25	10/07/25 07:48	1
Ethylbenzene	0.0013	U	0.0013	0.00062	mg/Kg	☼	10/06/25 07:25	10/07/25 07:48	1
Ethylene Dibromide	0.0013	U	0.0013	0.00067	mg/Kg	☼	10/06/25 07:25	10/07/25 07:48	1
Isopropylbenzene	0.0013	U	0.0013	0.00038	mg/Kg	☼	10/06/25 07:25	10/07/25 07:48	1
Methyl acetate	0.0067	U	0.0067	0.0057	mg/Kg	☼	10/06/25 07:25	10/07/25 07:48	1
Methyl tert-butyl ether	0.0013	U	0.0013	0.00068	mg/Kg	☼	10/06/25 07:25	10/07/25 07:48	1
Methylcyclohexane	0.0013	U	0.0013	0.00067	mg/Kg	☼	10/06/25 07:25	10/07/25 07:48	1
Methylene Chloride	**0.0073**		0.0027	0.0015	mg/Kg	☼	10/06/25 07:25	10/07/25 07:48	1
m-Xylene & p-Xylene	0.0013	U	0.0013	0.00056	mg/Kg	☼	10/06/25 07:25	10/07/25 07:48	1
n-Butylbenzene	0.0013	U	0.0013	0.00039	mg/Kg	☼	10/06/25 07:25	10/07/25 07:48	1
N-Propylbenzene	0.0013	U	0.0013	0.00060	mg/Kg	☼	10/06/25 07:25	10/07/25 07:48	1
o-Xylene	0.0013	U	0.0013	0.00062	mg/Kg	☼	10/06/25 07:25	10/07/25 07:48	1
sec-Butylbenzene	0.0013	U	0.0013	0.00038	mg/Kg	☼	10/06/25 07:25	10/07/25 07:48	1
Styrene	0.0013	U	0.0013	0.00037	mg/Kg	☼	10/06/25 07:25	10/07/25 07:48	1
tert-Butylbenzene	0.0013	U	0.0013	0.00037	mg/Kg	☼	10/06/25 07:25	10/07/25 07:48	1
Tetrachloroethene	0.0013	U	0.0013	0.00041	mg/Kg	☼	10/06/25 07:25	10/07/25 07:48	1
Toluene	0.0013	U	0.0013	0.00031	mg/Kg	☼	10/06/25 07:25	10/07/25 07:48	1
trans-1,2-Dichloroethene	0.0013	U	0.0013	0.00033	mg/Kg	☼	10/06/25 07:25	10/07/25 07:48	1
trans-1,3-Dichloropropene	0.0013	U	0.0013	0.00035	mg/Kg	☼	10/06/25 07:25	10/07/25 07:48	1
Trichloroethene	0.0013	U	0.0013	0.00043	mg/Kg	☼	10/06/25 07:25	10/07/25 07:48	1
Trichlorofluoromethane	0.0013	U	0.0013	0.00054	mg/Kg	☼	10/06/25 07:25	10/07/25 07:48	1
Vinyl chloride	0.0013	U	0.0013	0.00073	mg/Kg	☼	10/06/25 07:25	10/07/25 07:48	1
Xylenes, Total	0.0027	U	0.0027	0.00023	mg/Kg	☼	10/06/25 07:25	10/07/25 07:48	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,2-Dichloroethane-d4 (Surr)	*102*		*65 - 138*	*10/06/25 07:25*	*10/07/25 07:48*	*1*
4-Bromofluorobenzene	*99*		*71 - 128*	*10/06/25 07:25*	*10/07/25 07:48*	*1*
Dibromofluoromethane (Surr)	*100*		*50 - 150*	*10/06/25 07:25*	*10/07/25 07:48*	*1*
Toluene-d8 (Surr)	*103*		*71 - 126*	*10/06/25 07:25*	*10/07/25 07:48*	*1*

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Percent Moisture (EPA Moisture)	**5.2**		1.0	1.0	%			10/07/25 19:23	1
Percent Solids (EPA Moisture)	**94.8**		1.0	1.0	%			10/07/25 19:23	1

Client: Haley & Aldrich, Inc.
Project/Site: Former Port Mobil

Job ID: 460-336309-1

Client Sample ID: 4B2_8-9
Date Collected: 10/02/25 12:10
Date Received: 10/02/25 16:00

Lab Sample ID: 460-336309-51
Matrix: Solid
Percent Solids: 90.9

Method: SW846 8260D - Volatile Organic Compounds by GC/MS

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1-Trichloroethane	0.00090	U	0.00090	0.00021	mg/Kg	☼	10/06/25 07:26	10/07/25 11:01	1
1,1,2,2-Tetrachloroethane	0.00090	U	0.00090	0.00047	mg/Kg	☼	10/06/25 07:26	10/07/25 11:01	1
1,1,2-Trichloro-1,2,2-trifluoroethane	0.00090	U	0.00090	0.00027	mg/Kg	☼	10/06/25 07:26	10/07/25 11:01	1
1,1,2-Trichloroethane	0.00090	U	0.00090	0.00054	mg/Kg	☼	10/06/25 07:26	10/07/25 11:01	1
1,1-Dichloroethane	0.00090	U	0.00090	0.00054	mg/Kg	☼	10/06/25 07:26	10/07/25 11:01	1
1,1-Dichloroethene	0.00090	U	0.00090	0.00020	mg/Kg	☼	10/06/25 07:26	10/07/25 11:01	1
1,2,3-Trichlorobenzene	0.00090	U	0.00090	0.00066	mg/Kg	☼	10/06/25 07:26	10/07/25 11:01	1
1,2,4-Trichlorobenzene	0.00090	U	0.00090	0.00032	mg/Kg	☼	10/06/25 07:26	10/07/25 11:01	1
1,2,4-Trimethylbenzene	0.00090	U	0.00090	0.00022	mg/Kg	☼	10/06/25 07:26	10/07/25 11:01	1
1,2-Dibromo-3-Chloropropane	0.00090	U	0.00090	0.00041	mg/Kg	☼	10/06/25 07:26	10/07/25 11:01	1
1,2-Dichlorobenzene	0.00090	U	0.00090	0.00032	mg/Kg	☼	10/06/25 07:26	10/07/25 11:01	1
1,2-Dichloroethane	0.00090	U	0.00090	0.00027	mg/Kg	☼	10/06/25 07:26	10/07/25 11:01	1
1,2-Dichloropropane	0.00090	U	0.00090	0.00038	mg/Kg	☼	10/06/25 07:26	10/07/25 11:01	1
1,3,5-Trimethylbenzene	0.00090	U	0.00090	0.00028	mg/Kg	☼	10/06/25 07:26	10/07/25 11:01	1
1,3-Dichlorobenzene	0.00090	U	0.00090	0.00033	mg/Kg	☼	10/06/25 07:26	10/07/25 11:01	1
1,4-Dichlorobenzene	0.00090	U	0.00090	0.00047	mg/Kg	☼	10/06/25 07:26	10/07/25 11:01	1
2-Butanone (MEK)	0.0045	U	0.0045	0.00033	mg/Kg	☼	10/06/25 07:26	10/07/25 11:01	1
2-Hexanone	0.0045	U	0.0045	0.0015	mg/Kg	☼	10/06/25 07:26	10/07/25 11:01	1
4-Methyl-2-pentanone (MIBK)	0.0045	U	0.0045	0.0014	mg/Kg	☼	10/06/25 07:26	10/07/25 11:01	1
Acetone	0.0054	U	0.0054	0.0051	mg/Kg	☼	10/06/25 07:26	10/07/25 11:01	1
Benzene	0.00090	U	0.00090	0.00051	mg/Kg	☼	10/06/25 07:26	10/07/25 11:01	1
Bromoform	0.00090	U	0.00090	0.00038	mg/Kg	☼	10/06/25 07:26	10/07/25 11:01	1
Bromomethane	0.0018	U	0.0018	0.00090	mg/Kg	☼	10/06/25 07:26	10/07/25 11:01	1
Carbon disulfide	0.00090	U	0.00090	0.00024	mg/Kg	☼	10/06/25 07:26	10/07/25 11:01	1
Carbon tetrachloride	0.00090	U	0.00090	0.00035	mg/Kg	☼	10/06/25 07:26	10/07/25 11:01	1
Chlorobenzene	0.00090	U	0.00090	0.00045	mg/Kg	☼	10/06/25 07:26	10/07/25 11:01	1
Chlorobromomethane	0.00090	U	0.00090	0.00053	mg/Kg	☼	10/06/25 07:26	10/07/25 11:01	1
Chlorodibromomethane	0.00090	U	0.00090	0.00048	mg/Kg	☼	10/06/25 07:26	10/07/25 11:01	1
Chloroethane	0.00090	U	0.00090	0.00047	mg/Kg	☼	10/06/25 07:26	10/07/25 11:01	1
Chloroform	0.00090	U	0.00090	0.00087	mg/Kg	☼	10/06/25 07:26	10/07/25 11:01	1
Chloromethane	0.00090	U	0.00090	0.00039	mg/Kg	☼	10/06/25 07:26	10/07/25 11:01	1
cis-1,2-Dichloroethene	0.00090	U	0.00090	0.00032	mg/Kg	☼	10/06/25 07:26	10/07/25 11:01	1
cis-1,3-Dichloropropene	0.00090	U	0.00090	0.00024	mg/Kg	☼	10/06/25 07:26	10/07/25 11:01	1
Cyclohexane	0.00090	U	0.00090	0.00020	mg/Kg	☼	10/06/25 07:26	10/07/25 11:01	1
Dichlorobromomethane	0.00090	U	0.00090	0.00023	mg/Kg	☼	10/06/25 07:26	10/07/25 11:01	1
Dichlorodifluoromethane	0.00090	U *	0.00090	0.00030	mg/Kg	☼	10/06/25 07:26	10/07/25 11:01	1
Ethylbenzene	0.00090	U	0.00090	0.00042	mg/Kg	☼	10/06/25 07:26	10/07/25 11:01	1
Ethylene Dibromide	0.00090	U	0.00090	0.00045	mg/Kg	☼	10/06/25 07:26	10/07/25 11:01	1
Isopropylbenzene	0.00090	U	0.00090	0.00026	mg/Kg	☼	10/06/25 07:26	10/07/25 11:01	1
Methyl acetate	0.0045	U	0.0045	0.0039	mg/Kg	☼	10/06/25 07:26	10/07/25 11:01	1
Methyl tert-butyl ether	0.00090	U	0.00090	0.00046	mg/Kg	☼	10/06/25 07:26	10/07/25 11:01	1
Methylcyclohexane	0.00090	U	0.00090	0.00045	mg/Kg	☼	10/06/25 07:26	10/07/25 11:01	1
Methylene Chloride	**0.0028**		0.0018	0.0010	mg/Kg	☼	10/06/25 07:26	10/07/25 11:01	1
m-Xylene & p-Xylene	0.00090	U	0.00090	0.00038	mg/Kg	☼	10/06/25 07:26	10/07/25 11:01	1
n-Butylbenzene	0.00090	U	0.00090	0.00026	mg/Kg	☼	10/06/25 07:26	10/07/25 11:01	1
N-Propylbenzene	0.00090	U	0.00090	0.00040	mg/Kg	☼	10/06/25 07:26	10/07/25 11:01	1
o-Xylene	0.00090	U	0.00090	0.00041	mg/Kg	☼	10/06/25 07:26	10/07/25 11:01	1
sec-Butylbenzene	0.00090	U	0.00090	0.00026	mg/Kg	☼	10/06/25 07:26	10/07/25 11:01	1
Styrene	0.00090	U	0.00090	0.00025	mg/Kg	☼	10/06/25 07:26	10/07/25 11:01	1

Client Sample ID: 4B2_8-9

Lab Sample ID: 460-336309-51

Date Collected: 10/02/25 12:10
Matrix: Solid
Date Received: 10/02/25 16:00
Percent Solids: 90.9

Method: SW846 8260D - Volatile Organic Compounds by GC/MS (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
tert-Butylbenzene	0.00090	U	0.00090	0.00025	mg/Kg	☼	10/06/25 07:26	10/07/25 11:01	1
Tetrachloroethene	0.00090	U	0.00090	0.00027	mg/Kg	☼	10/06/25 07:26	10/07/25 11:01	1
Toluene	0.00090	U	0.00090	0.00021	mg/Kg	☼	10/06/25 07:26	10/07/25 11:01	1
trans-1,2-Dichloroethene	0.00090	U	0.00090	0.00022	mg/Kg	☼	10/06/25 07:26	10/07/25 11:01	1
trans-1,3-Dichloropropene	0.00090	U	0.00090	0.00024	mg/Kg	☼	10/06/25 07:26	10/07/25 11:01	1
Trichloroethene	0.00090	U	0.00090	0.00029	mg/Kg	☼	10/06/25 07:26	10/07/25 11:01	1
Trichlorofluoromethane	0.00090	U	0.00090	0.00036	mg/Kg	☼	10/06/25 07:26	10/07/25 11:01	1
Vinyl chloride	0.00090	U	0.00090	0.00049	mg/Kg	☼	10/06/25 07:26	10/07/25 11:01	1
Xylenes, Total	0.0018	U	0.0018	0.00016	mg/Kg	☼	10/06/25 07:26	10/07/25 11:01	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,2-Dichloroethane-d4 (Surr)	*97*		*65 - 138*	*10/06/25 07:26*	*10/07/25 11:01*	*1*
4-Bromofluorobenzene	*96*		*71 - 128*	*10/06/25 07:26*	*10/07/25 11:01*	*1*
Dibromofluoromethane (Surr)	*98*		*50 - 150*	*10/06/25 07:26*	*10/07/25 11:01*	*1*
Toluene-d8 (Surr)	*102*		*71 - 126*	*10/06/25 07:26*	*10/07/25 11:01*	*1*

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Percent Moisture (EPA Moisture)	**9.1**		1.0	1.0	%			10/07/25 19:23	1
Percent Solids (EPA Moisture)	**90.9**		1.0	1.0	%			10/07/25 19:23	1

Client Sample ID: 4B3_10-11

Lab Sample ID: 460-336309-52

Date Collected: 10/02/25 12:15
Matrix: Solid
Date Received: 10/02/25 16:00
Percent Solids: 91.6

Method: SW846 8260D - Volatile Organic Compounds by GC/MS

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1-Trichloroethane	0.00084	U	0.00084	0.00020	mg/Kg	☼	10/06/25 07:26	10/07/25 11:25	1
1,1,2,2-Tetrachloroethane	0.00084	U	0.00084	0.00044	mg/Kg	☼	10/06/25 07:26	10/07/25 11:25	1
1,1,2-Trichloro-1,2,2-trifluoroethane	0.00084	U	0.00084	0.00025	mg/Kg	☼	10/06/25 07:26	10/07/25 11:25	1
1,1,2-Trichloroethane	0.00084	U	0.00084	0.00051	mg/Kg	☼	10/06/25 07:26	10/07/25 11:25	1
1,1-Dichloroethane	0.00084	U	0.00084	0.00050	mg/Kg	☼	10/06/25 07:26	10/07/25 11:25	1
1,1-Dichloroethene	0.00084	U	0.00084	0.00019	mg/Kg	☼	10/06/25 07:26	10/07/25 11:25	1
1,2,3-Trichlorobenzene	0.00084	U	0.00084	0.00062	mg/Kg	☼	10/06/25 07:26	10/07/25 11:25	1
1,2,4-Trichlorobenzene	0.00084	U	0.00084	0.00030	mg/Kg	☼	10/06/25 07:26	10/07/25 11:25	1
1,2,4-Trimethylbenzene	0.00084	U	0.00084	0.00021	mg/Kg	☼	10/06/25 07:26	10/07/25 11:25	1
1,2-Dibromo-3-Chloropropane	0.00084	U	0.00084	0.00039	mg/Kg	☼	10/06/25 07:26	10/07/25 11:25	1
1,2-Dichlorobenzene	0.00084	U	0.00084	0.00030	mg/Kg	☼	10/06/25 07:26	10/07/25 11:25	1
1,2-Dichloroethane	0.00084	U	0.00084	0.00025	mg/Kg	☼	10/06/25 07:26	10/07/25 11:25	1
1,2-Dichloropropane	0.00084	U	0.00084	0.00036	mg/Kg	☼	10/06/25 07:26	10/07/25 11:25	1
1,3,5-Trimethylbenzene	0.00084	U	0.00084	0.00027	mg/Kg	☼	10/06/25 07:26	10/07/25 11:25	1
1,3-Dichlorobenzene	0.00084	U	0.00084	0.00031	mg/Kg	☼	10/06/25 07:26	10/07/25 11:25	1
1,4-Dichlorobenzene	0.00084	U	0.00084	0.00044	mg/Kg	☼	10/06/25 07:26	10/07/25 11:25	1
2-Butanone (MEK)	0.0042	U	0.0042	0.00031	mg/Kg	☼	10/06/25 07:26	10/07/25 11:25	1
2-Hexanone	0.0042	U	0.0042	0.0014	mg/Kg	☼	10/06/25 07:26	10/07/25 11:25	1
4-Methyl-2-pentanone (MIBK)	0.0042	U	0.0042	0.0013	mg/Kg	☼	10/06/25 07:26	10/07/25 11:25	1
Acetone	0.0051	U	0.0051	0.0048	mg/Kg	☼	10/06/25 07:26	10/07/25 11:25	1
Benzene	0.00084	U	0.00084	0.00048	mg/Kg	☼	10/06/25 07:26	10/07/25 11:25	1
Bromoform	0.00084	U	0.00084	0.00036	mg/Kg	☼	10/06/25 07:26	10/07/25 11:25	1
Bromomethane	0.0017	U	0.0017	0.00084	mg/Kg	☼	10/06/25 07:26	10/07/25 11:25	1

Client Sample ID: 4B3_10-11
Date Collected: 10/02/25 12:15
Date Received: 10/02/25 16:00

Lab Sample ID: 460-336309-52
Matrix: Solid
Percent Solids: 91.6

Method: SW846 8260D - Volatile Organic Compounds by GC/MS (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Carbon disulfide	0.00084	U	0.00084	0.00022	mg/Kg	☼	10/06/25 07:26	10/07/25 11:25	1
Carbon tetrachloride	0.00084	U	0.00084	0.00033	mg/Kg	☼	10/06/25 07:26	10/07/25 11:25	1
Chlorobenzene	0.00084	U	0.00084	0.00043	mg/Kg	☼	10/06/25 07:26	10/07/25 11:25	1
Chlorobromomethane	0.00084	U	0.00084	0.00050	mg/Kg	☼	10/06/25 07:26	10/07/25 11:25	1
Chlorodibromomethane	0.00084	U	0.00084	0.00045	mg/Kg	☼	10/06/25 07:26	10/07/25 11:25	1
Chloroethane	0.00084	U	0.00084	0.00044	mg/Kg	☼	10/06/25 07:26	10/07/25 11:25	1
Chloroform	0.00084	U	0.00084	0.00082	mg/Kg	☼	10/06/25 07:26	10/07/25 11:25	1
Chloromethane	0.00084	U	0.00084	0.00037	mg/Kg	☼	10/06/25 07:26	10/07/25 11:25	1
cis-1,2-Dichloroethene	0.00084	U	0.00084	0.00030	mg/Kg	☼	10/06/25 07:26	10/07/25 11:25	1
cis-1,3-Dichloropropene	0.00084	U	0.00084	0.00023	mg/Kg	☼	10/06/25 07:26	10/07/25 11:25	1
Cyclohexane	0.00084	U	0.00084	0.00019	mg/Kg	☼	10/06/25 07:26	10/07/25 11:25	1
Dichlorobromomethane	0.00084	U	0.00084	0.00022	mg/Kg	☼	10/06/25 07:26	10/07/25 11:25	1
Dichlorodifluoromethane	0.00084	U *	0.00084	0.00029	mg/Kg	☼	10/06/25 07:26	10/07/25 11:25	1
Ethylbenzene	0.00084	U	0.00084	0.00040	mg/Kg	☼	10/06/25 07:26	10/07/25 11:25	1
Ethylene Dibromide	0.00084	U	0.00084	0.00043	mg/Kg	☼	10/06/25 07:26	10/07/25 11:25	1
Isopropylbenzene	0.00084	U	0.00084	0.00024	mg/Kg	☼	10/06/25 07:26	10/07/25 11:25	1
Methyl acetate	0.0042	U	0.0042	0.0036	mg/Kg	☼	10/06/25 07:26	10/07/25 11:25	1
Methyl tert-butyl ether	0.00084	U	0.00084	0.00043	mg/Kg	☼	10/06/25 07:26	10/07/25 11:25	1
Methylcyclohexane	0.00084	U	0.00084	0.00042	mg/Kg	☼	10/06/25 07:26	10/07/25 11:25	1
Methylene Chloride	**0.0019**		0.0017	0.00097	mg/Kg	☼	10/06/25 07:26	10/07/25 11:25	1
m-Xylene & p-Xylene	0.00084	U	0.00084	0.00036	mg/Kg	☼	10/06/25 07:26	10/07/25 11:25	1
n-Butylbenzene	0.00084	U	0.00084	0.00025	mg/Kg	☼	10/06/25 07:26	10/07/25 11:25	1
N-Propylbenzene	0.00084	U	0.00084	0.00038	mg/Kg	☼	10/06/25 07:26	10/07/25 11:25	1
o-Xylene	0.00084	U	0.00084	0.00039	mg/Kg	☼	10/06/25 07:26	10/07/25 11:25	1
sec-Butylbenzene	0.00084	U	0.00084	0.00024	mg/Kg	☼	10/06/25 07:26	10/07/25 11:25	1
Styrene	0.00084	U	0.00084	0.00023	mg/Kg	☼	10/06/25 07:26	10/07/25 11:25	1
tert-Butylbenzene	0.00084	U	0.00084	0.00023	mg/Kg	☼	10/06/25 07:26	10/07/25 11:25	1
Tetrachloroethene	0.00084	U	0.00084	0.00026	mg/Kg	☼	10/06/25 07:26	10/07/25 11:25	1
Toluene	0.00084	U	0.00084	0.00020	mg/Kg	☼	10/06/25 07:26	10/07/25 11:25	1
trans-1,2-Dichloroethene	0.00084	U	0.00084	0.00021	mg/Kg	☼	10/06/25 07:26	10/07/25 11:25	1
trans-1,3-Dichloropropene	0.00084	U	0.00084	0.00022	mg/Kg	☼	10/06/25 07:26	10/07/25 11:25	1
Trichloroethene	0.00084	U	0.00084	0.00027	mg/Kg	☼	10/06/25 07:26	10/07/25 11:25	1
Trichlorofluoromethane	0.00084	U	0.00084	0.00034	mg/Kg	☼	10/06/25 07:26	10/07/25 11:25	1
Vinyl chloride	0.00084	U	0.00084	0.00046	mg/Kg	☼	10/06/25 07:26	10/07/25 11:25	1
Xylenes, Total	0.0017	U	0.0017	0.00015	mg/Kg	☼	10/06/25 07:26	10/07/25 11:25	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,2-Dichloroethane-d4 (Surr)	*98*		*65 - 138*	*10/06/25 07:26*	*10/07/25 11:25*	*1*
4-Bromofluorobenzene	*95*		*71 - 128*	*10/06/25 07:26*	*10/07/25 11:25*	*1*
Dibromofluoromethane (Surr)	*98*		*50 - 150*	*10/06/25 07:26*	*10/07/25 11:25*	*1*
Toluene-d8 (Surr)	*102*		*71 - 126*	*10/06/25 07:26*	*10/07/25 11:25*	*1*

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Percent Moisture (EPA Moisture)	**8.4**		1.0	1.0	%			10/07/25 19:23	1
Percent Solids (EPA Moisture)	**91.6**		1.0	1.0	%			10/07/25 19:23	1

Client Sample ID: 4B2_11-12
Date Collected: 10/02/25 12:20
Date Received: 10/02/25 16:00

Lab Sample ID: 460-336309-53
Matrix: Solid
Percent Solids: 93.4

Method: SW846 8260D - Volatile Organic Compounds by GC/MS

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1-Trichloroethane	0.062	U	0.062	0.017	mg/Kg	☼	10/06/25 07:19	10/10/25 19:18	50
1,1,2,2-Tetrachloroethane	0.062	U	0.062	0.012	mg/Kg	☼	10/06/25 07:19	10/10/25 19:18	50
1,1,2-Trichloro-1,2,2-trifluoroethane	0.062	U	0.062	0.021	mg/Kg	☼	10/06/25 07:19	10/10/25 19:18	50
1,1,2-Trichloroethane	0.062	U	0.062	0.013	mg/Kg	☼	10/06/25 07:19	10/10/25 19:18	50
1,1-Dichloroethane	0.062	U	0.062	0.015	mg/Kg	☼	10/06/25 07:19	10/10/25 19:18	50
1,1-Dichloroethene	0.062	U	0.062	0.016	mg/Kg	☼	10/06/25 07:19	10/10/25 19:18	50
1,2,3-Trichlorobenzene	0.062	U	0.062	0.022	mg/Kg	☼	10/06/25 07:19	10/10/25 19:18	50
1,2,4-Trichlorobenzene	0.062	U	0.062	0.017	mg/Kg	☼	10/06/25 07:19	10/10/25 19:18	50
1,2,4-Trimethylbenzene	0.062	U	0.062	0.014	mg/Kg	☼	10/06/25 07:19	10/10/25 19:18	50
1,2-Dibromo-3-Chloropropane	0.062	U	0.062	0.013	mg/Kg	☼	10/06/25 07:19	10/10/25 19:18	50
1,2-Dichlorobenzene	0.062	U	0.062	0.014	mg/Kg	☼	10/06/25 07:19	10/10/25 19:18	50
1,2-Dichloroethane	0.062	U	0.062	0.016	mg/Kg	☼	10/06/25 07:19	10/10/25 19:18	50
1,2-Dichloropropane	0.062	U	0.062	0.011	mg/Kg	☼	10/06/25 07:19	10/10/25 19:18	50
1,3,5-Trimethylbenzene	0.062	U	0.062	0.016	mg/Kg	☼	10/06/25 07:19	10/10/25 19:18	50
1,3-Dichlorobenzene	0.062	U	0.062	0.021	mg/Kg	☼	10/06/25 07:19	10/10/25 19:18	50
1,4-Dichlorobenzene	0.062	U	0.062	0.021	mg/Kg	☼	10/06/25 07:19	10/10/25 19:18	50
2-Butanone (MEK)	0.31	U	0.31	0.14	mg/Kg	☼	10/06/25 07:19	10/10/25 19:18	50
2-Hexanone	0.31	U *	0.31	0.071	mg/Kg	☼	10/06/25 07:19	10/10/25 19:18	50
4-Methyl-2-pentanone (MIBK)	0.31	U	0.31	0.081	mg/Kg	☼	10/06/25 07:19	10/10/25 19:18	50
Acetone	0.31	U	0.31	0.28	mg/Kg	☼	10/06/25 07:19	10/10/25 19:18	50
Benzene	0.062	U	0.062	0.013	mg/Kg	☼	10/06/25 07:19	10/10/25 19:18	50
Bromoform	0.062	U	0.062	0.011	mg/Kg	☼	10/06/25 07:19	10/10/25 19:18	50
Bromomethane	0.062	U	0.062	0.035	mg/Kg	☼	10/06/25 07:19	10/10/25 19:18	50
Carbon disulfide	0.062	U	0.062	0.042	mg/Kg	☼	10/06/25 07:19	10/10/25 19:18	50
Carbon tetrachloride	0.062	U	0.062	0.021	mg/Kg	☼	10/06/25 07:19	10/10/25 19:18	50
Chlorobenzene	0.062	U	0.062	0.015	mg/Kg	☼	10/06/25 07:19	10/10/25 19:18	50
Chlorobromomethane	0.062	U	0.062	0.019	mg/Kg	☼	10/06/25 07:19	10/10/25 19:18	50
Chlorodibromomethane	0.062	U	0.062	0.014	mg/Kg	☼	10/06/25 07:19	10/10/25 19:18	50
Chloroethane	0.062	U	0.062	0.023	mg/Kg	☼	10/06/25 07:19	10/10/25 19:18	50
Chloroform	0.062	U	0.062	0.014	mg/Kg	☼	10/06/25 07:19	10/10/25 19:18	50
Chloromethane	0.062	U	0.062	0.025	mg/Kg	☼	10/06/25 07:19	10/10/25 19:18	50
cis-1,2-Dichloroethene	0.062	U	0.062	0.016	mg/Kg	☼	10/06/25 07:19	10/10/25 19:18	50
cis-1,3-Dichloropropene	0.062	U	0.062	0.014	mg/Kg	☼	10/06/25 07:19	10/10/25 19:18	50
Cyclohexane	0.062	U	0.062	0.016	mg/Kg	☼	10/06/25 07:19	10/10/25 19:18	50
Dichlorobromomethane	0.062	U	0.062	0.0093	mg/Kg	☼	10/06/25 07:19	10/10/25 19:18	50
Dichlorodifluoromethane	0.062	U	0.062	0.019	mg/Kg	☼	10/06/25 07:19	10/10/25 19:18	50
Ethylbenzene	0.062	U	0.062	0.019	mg/Kg	☼	10/06/25 07:19	10/10/25 19:18	50
Ethylene Dibromide	0.062	U	0.062	0.012	mg/Kg	☼	10/06/25 07:19	10/10/25 19:18	50
Isopropylbenzene	0.062	U	0.062	0.020	mg/Kg	☼	10/06/25 07:19	10/10/25 19:18	50
Methyl acetate	0.31	U	0.31	0.049	mg/Kg	☼	10/06/25 07:19	10/10/25 19:18	50
Methyl tert-butyl ether	0.062	U	0.062	0.013	mg/Kg	☼	10/06/25 07:19	10/10/25 19:18	50
Methylcyclohexane	0.062	U	0.062	0.045	mg/Kg	☼	10/06/25 07:19	10/10/25 19:18	50
Methylene Chloride	0.062	U	0.062	0.013	mg/Kg	☼	10/06/25 07:19	10/10/25 19:18	50
m-Xylene & p-Xylene	0.062	U	0.062	0.017	mg/Kg	☼	10/06/25 07:19	10/10/25 19:18	50
n-Butylbenzene	0.062	U	0.062	0.017	mg/Kg	☼	10/06/25 07:19	10/10/25 19:18	50
N-Propylbenzene	0.062	U	0.062	0.018	mg/Kg	☼	10/06/25 07:19	10/10/25 19:18	50
o-Xylene	0.062	U	0.062	0.020	mg/Kg	☼	10/06/25 07:19	10/10/25 19:18	50
sec-Butylbenzene	0.062	U	0.062	0.019	mg/Kg	☼	10/06/25 07:19	10/10/25 19:18	50
Styrene	0.062	U	0.062	0.011	mg/Kg	☼	10/06/25 07:19	10/10/25 19:18	50

Client Sample ID: 4B2_11-12

Lab Sample ID: 460-336309-53

Date Collected: 10/02/25 12:20
Matrix: Solid
Date Received: 10/02/25 16:00
Percent Solids: 93.4

Method: SW846 8260D - Volatile Organic Compounds by GC/MS (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
tert-Butylbenzene	0.062	U *	0.062	0.017	mg/Kg	☼	10/06/25 07:19	10/10/25 19:18	50
Tetrachloroethene	0.062	U	0.062	0.022	mg/Kg	☼	10/06/25 07:19	10/10/25 19:18	50
Toluene	0.062	U	0.062	0.016	mg/Kg	☼	10/06/25 07:19	10/10/25 19:18	50
trans-1,2-Dichloroethene	0.062	U	0.062	0.011	mg/Kg	☼	10/06/25 07:19	10/10/25 19:18	50
trans-1,3-Dichloropropene	0.062	U	0.062	0.014	mg/Kg	☼	10/06/25 07:19	10/10/25 19:18	50
Trichloroethene	0.062	U	0.062	0.014	mg/Kg	☼	10/06/25 07:19	10/10/25 19:18	50
Trichlorofluoromethane	0.062	U	0.062	0.020	mg/Kg	☼	10/06/25 07:19	10/10/25 19:18	50
Vinyl chloride	0.062	U	0.062	0.012	mg/Kg	☼	10/06/25 07:19	10/10/25 19:18	50
Xylenes, Total	0.12	U	0.12	0.017	mg/Kg	☼	10/06/25 07:19	10/10/25 19:18	50

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,2-Dichloroethane-d4 (Surr)	*109*		*60 - 150*	*10/06/25 07:19*	*10/10/25 19:18*	*50*
4-Bromofluorobenzene	*107*		*70 - 150*	*10/06/25 07:19*	*10/10/25 19:18*	*50*
Dibromofluoromethane (Surr)	*105*		*68 - 150*	*10/06/25 07:19*	*10/10/25 19:18*	*50*
Toluene-d8 (Surr)	*105*		*64 - 157*	*10/06/25 07:19*	*10/10/25 19:18*	*50*

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Percent Moisture (EPA Moisture)	**6.6**		1.0	1.0	%			10/07/25 19:23	1
Percent Solids (EPA Moisture)	**93.4**		1.0	1.0	%			10/07/25 19:23	1

Client Sample ID: 4C1_1-2

Lab Sample ID: 460-336309-54

Date Collected: 10/02/25 12:25
Matrix: Solid
Date Received: 10/02/25 16:00
Percent Solids: 91.0

Method: SW846 8260D - Volatile Organic Compounds by GC/MS

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1-Trichloroethane	0.00094	U	0.00094	0.00022	mg/Kg	☼	10/06/25 07:27	10/07/25 12:14	1
1,1,2,2-Tetrachloroethane	0.00094	U	0.00094	0.00049	mg/Kg	☼	10/06/25 07:27	10/07/25 12:14	1
1,1,2-Trichloro-1,2,2-trifluoroethane	0.00094	U	0.00094	0.00028	mg/Kg	☼	10/06/25 07:27	10/07/25 12:14	1
1,1,2-Trichloroethane	0.00094	U	0.00094	0.00057	mg/Kg	☼	10/06/25 07:27	10/07/25 12:14	1
1,1-Dichloroethane	0.00094	U	0.00094	0.00056	mg/Kg	☼	10/06/25 07:27	10/07/25 12:14	1
1,1-Dichloroethene	0.00094	U	0.00094	0.00021	mg/Kg	☼	10/06/25 07:27	10/07/25 12:14	1
1,2,3-Trichlorobenzene	0.00094	U	0.00094	0.00070	mg/Kg	☼	10/06/25 07:27	10/07/25 12:14	1
1,2,4-Trichlorobenzene	0.00094	U	0.00094	0.00034	mg/Kg	☼	10/06/25 07:27	10/07/25 12:14	1
1,2,4-Trimethylbenzene	0.00094	U	0.00094	0.00023	mg/Kg	☼	10/06/25 07:27	10/07/25 12:14	1
1,2-Dibromo-3-Chloropropane	0.00094	U	0.00094	0.00043	mg/Kg	☼	10/06/25 07:27	10/07/25 12:14	1
1,2-Dichlorobenzene	0.00094	U	0.00094	0.00034	mg/Kg	☼	10/06/25 07:27	10/07/25 12:14	1
1,2-Dichloroethane	0.00094	U	0.00094	0.00028	mg/Kg	☼	10/06/25 07:27	10/07/25 12:14	1
1,2-Dichloropropane	0.00094	U	0.00094	0.00040	mg/Kg	☼	10/06/25 07:27	10/07/25 12:14	1
1,3,5-Trimethylbenzene	0.00094	U	0.00094	0.00030	mg/Kg	☼	10/06/25 07:27	10/07/25 12:14	1
1,3-Dichlorobenzene	0.00094	U	0.00094	0.00034	mg/Kg	☼	10/06/25 07:27	10/07/25 12:14	1
1,4-Dichlorobenzene	0.00094	U	0.00094	0.00049	mg/Kg	☼	10/06/25 07:27	10/07/25 12:14	1
2-Butanone (MEK)	0.0047	U	0.0047	0.00035	mg/Kg	☼	10/06/25 07:27	10/07/25 12:14	1
2-Hexanone	0.0047	U	0.0047	0.0016	mg/Kg	☼	10/06/25 07:27	10/07/25 12:14	1
4-Methyl-2-pentanone (MIBK)	0.0047	U	0.0047	0.0015	mg/Kg	☼	10/06/25 07:27	10/07/25 12:14	1
Acetone	0.0057	U	0.0057	0.0054	mg/Kg	☼	10/06/25 07:27	10/07/25 12:14	1
Benzene	0.00094	U	0.00094	0.00054	mg/Kg	☼	10/06/25 07:27	10/07/25 12:14	1
Bromoform	0.00094	U	0.00094	0.00040	mg/Kg	☼	10/06/25 07:27	10/07/25 12:14	1
Bromomethane	0.0019	U	0.0019	0.00094	mg/Kg	☼	10/06/25 07:27	10/07/25 12:14	1

Client Sample ID: 4C1_1-2
Date Collected: 10/02/25 12:25
Date Received: 10/02/25 16:00

Lab Sample ID: 460-336309-54
Matrix: Solid
Percent Solids: 91.0

Method: SW846 8260D - Volatile Organic Compounds by GC/MS (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Carbon disulfide	0.00094	U	0.00094	0.00025	mg/Kg	☼	10/06/25 07:27	10/07/25 12:14	1
Carbon tetrachloride	0.00094	U	0.00094	0.00037	mg/Kg	☼	10/06/25 07:27	10/07/25 12:14	1
Chlorobenzene	0.00094	U	0.00094	0.00048	mg/Kg	☼	10/06/25 07:27	10/07/25 12:14	1
Chlorobromomethane	0.00094	U	0.00094	0.00056	mg/Kg	☼	10/06/25 07:27	10/07/25 12:14	1
Chlorodibromomethane	0.00094	U	0.00094	0.00051	mg/Kg	☼	10/06/25 07:27	10/07/25 12:14	1
Chloroethane	0.00094	U	0.00094	0.00049	mg/Kg	☼	10/06/25 07:27	10/07/25 12:14	1
Chloroform	0.00094	U	0.00094	0.00092	mg/Kg	☼	10/06/25 07:27	10/07/25 12:14	1
Chloromethane	0.00094	U	0.00094	0.00041	mg/Kg	☼	10/06/25 07:27	10/07/25 12:14	1
cis-1,2-Dichloroethene	0.00094	U	0.00094	0.00034	mg/Kg	☼	10/06/25 07:27	10/07/25 12:14	1
cis-1,3-Dichloropropene	0.00094	U	0.00094	0.00026	mg/Kg	☼	10/06/25 07:27	10/07/25 12:14	1
Cyclohexane	0.00094	U	0.00094	0.00021	mg/Kg	☼	10/06/25 07:27	10/07/25 12:14	1
Dichlorobromomethane	0.00094	U	0.00094	0.00024	mg/Kg	☼	10/06/25 07:27	10/07/25 12:14	1
Dichlorodifluoromethane	0.00094	U *	0.00094	0.00032	mg/Kg	☼	10/06/25 07:27	10/07/25 12:14	1
Ethylbenzene	0.00094	U	0.00094	0.00044	mg/Kg	☼	10/06/25 07:27	10/07/25 12:14	1
Ethylene Dibromide	0.00094	U	0.00094	0.00048	mg/Kg	☼	10/06/25 07:27	10/07/25 12:14	1
Isopropylbenzene	0.00094	U	0.00094	0.00027	mg/Kg	☼	10/06/25 07:27	10/07/25 12:14	1
Methyl acetate	0.0047	U	0.0047	0.0041	mg/Kg	☼	10/06/25 07:27	10/07/25 12:14	1
Methyl tert-butyl ether	0.00094	U	0.00094	0.00048	mg/Kg	☼	10/06/25 07:27	10/07/25 12:14	1
Methylcyclohexane	0.00094	U	0.00094	0.00047	mg/Kg	☼	10/06/25 07:27	10/07/25 12:14	1
Methylene Chloride	**0.0029**		0.0019	0.0011	mg/Kg	☼	10/06/25 07:27	10/07/25 12:14	1
m-Xylene & p-Xylene	0.00094	U	0.00094	0.00040	mg/Kg	☼	10/06/25 07:27	10/07/25 12:14	1
n-Butylbenzene	0.00094	U	0.00094	0.00028	mg/Kg	☼	10/06/25 07:27	10/07/25 12:14	1
N-Propylbenzene	0.00094	U	0.00094	0.00042	mg/Kg	☼	10/06/25 07:27	10/07/25 12:14	1
o-Xylene	0.00094	U	0.00094	0.00044	mg/Kg	☼	10/06/25 07:27	10/07/25 12:14	1
sec-Butylbenzene	0.00094	U	0.00094	0.00027	mg/Kg	☼	10/06/25 07:27	10/07/25 12:14	1
Styrene	0.00094	U	0.00094	0.00026	mg/Kg	☼	10/06/25 07:27	10/07/25 12:14	1
tert-Butylbenzene	0.00094	U	0.00094	0.00026	mg/Kg	☼	10/06/25 07:27	10/07/25 12:14	1
Tetrachloroethene	0.00094	U	0.00094	0.00029	mg/Kg	☼	10/06/25 07:27	10/07/25 12:14	1
Toluene	0.00094	U	0.00094	0.00022	mg/Kg	☼	10/06/25 07:27	10/07/25 12:14	1
trans-1,2-Dichloroethene	0.00094	U	0.00094	0.00023	mg/Kg	☼	10/06/25 07:27	10/07/25 12:14	1
trans-1,3-Dichloropropene	0.00094	U	0.00094	0.00025	mg/Kg	☼	10/06/25 07:27	10/07/25 12:14	1
Trichloroethene	0.00094	U	0.00094	0.00030	mg/Kg	☼	10/06/25 07:27	10/07/25 12:14	1
Trichlorofluoromethane	0.00094	U	0.00094	0.00038	mg/Kg	☼	10/06/25 07:27	10/07/25 12:14	1
Vinyl chloride	0.00094	U	0.00094	0.00052	mg/Kg	☼	10/06/25 07:27	10/07/25 12:14	1
Xylenes, Total	0.0019	U	0.0019	0.00016	mg/Kg	☼	10/06/25 07:27	10/07/25 12:14	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,2-Dichloroethane-d4 (Surr)	*99*		*65 - 138*	*10/06/25 07:27*	*10/07/25 12:14*	*1*
4-Bromofluorobenzene	*95*		*71 - 128*	*10/06/25 07:27*	*10/07/25 12:14*	*1*
Dibromofluoromethane (Surr)	*99*		*50 - 150*	*10/06/25 07:27*	*10/07/25 12:14*	*1*
Toluene-d8 (Surr)	*101*		*71 - 126*	*10/06/25 07:27*	*10/07/25 12:14*	*1*

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Percent Moisture (EPA Moisture)	**9.0**		1.0	1.0	%			10/07/25 19:23	1
Percent Solids (EPA Moisture)	**91.0**		1.0	1.0	%			10/07/25 19:23	1

Client Sample ID: 4C2_3-4
Date Collected: 10/02/25 12:30
Date Received: 10/02/25 16:00

Lab Sample ID: 460-336309-55
Matrix: Solid
Percent Solids: 91.7

Method: SW846 8260D - Volatile Organic Compounds by GC/MS

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1-Trichloroethane	0.0011	U	0.0011	0.00025	mg/Kg	☼	10/06/25 07:27	10/07/25 12:38	1
1,1,2,2-Tetrachloroethane	0.0011	U	0.0011	0.00057	mg/Kg	☼	10/06/25 07:27	10/07/25 12:38	1
1,1,2-Trichloro-1,2,2-trifluoroethane	0.0011	U	0.0011	0.00033	mg/Kg	☼	10/06/25 07:27	10/07/25 12:38	1
1,1,2-Trichloroethane	0.0011	U	0.0011	0.00065	mg/Kg	☼	10/06/25 07:27	10/07/25 12:38	1
1,1-Dichloroethane	0.0011	U	0.0011	0.00065	mg/Kg	☼	10/06/25 07:27	10/07/25 12:38	1
1,1-Dichloroethene	0.0011	U	0.0011	0.00024	mg/Kg	☼	10/06/25 07:27	10/07/25 12:38	1
1,2,3-Trichlorobenzene	0.0011	U	0.0011	0.00080	mg/Kg	☼	10/06/25 07:27	10/07/25 12:38	1
1,2,4-Trichlorobenzene	0.0011	U	0.0011	0.00039	mg/Kg	☼	10/06/25 07:27	10/07/25 12:38	1
1,2,4-Trimethylbenzene	0.0011	U	0.0011	0.00027	mg/Kg	☼	10/06/25 07:27	10/07/25 12:38	1
1,2-Dibromo-3-Chloropropane	0.0011	U	0.0011	0.00050	mg/Kg	☼	10/06/25 07:27	10/07/25 12:38	1
1,2-Dichlorobenzene	0.0011	U	0.0011	0.00039	mg/Kg	☼	10/06/25 07:27	10/07/25 12:38	1
1,2-Dichloroethane	0.0011	U	0.0011	0.00032	mg/Kg	☼	10/06/25 07:27	10/07/25 12:38	1
1,2-Dichloropropane	0.0011	U	0.0011	0.00046	mg/Kg	☼	10/06/25 07:27	10/07/25 12:38	1
1,3,5-Trimethylbenzene	0.0011	U	0.0011	0.00034	mg/Kg	☼	10/06/25 07:27	10/07/25 12:38	1
1,3-Dichlorobenzene	0.0011	U	0.0011	0.00040	mg/Kg	☼	10/06/25 07:27	10/07/25 12:38	1
1,4-Dichlorobenzene	0.0011	U	0.0011	0.00056	mg/Kg	☼	10/06/25 07:27	10/07/25 12:38	1
2-Butanone (MEK)	0.0054	U	0.0054	0.00040	mg/Kg	☼	10/06/25 07:27	10/07/25 12:38	1
2-Hexanone	0.0054	U	0.0054	0.0019	mg/Kg	☼	10/06/25 07:27	10/07/25 12:38	1
4-Methyl-2-pentanone (MIBK)	0.0054	U	0.0054	0.0017	mg/Kg	☼	10/06/25 07:27	10/07/25 12:38	1
Acetone	0.0065	U	0.0065	0.0062	mg/Kg	☼	10/06/25 07:27	10/07/25 12:38	1
Benzene	0.0011	U	0.0011	0.00062	mg/Kg	☼	10/06/25 07:27	10/07/25 12:38	1
Bromoform	0.0011	U	0.0011	0.00046	mg/Kg	☼	10/06/25 07:27	10/07/25 12:38	1
Bromomethane	0.0022	U	0.0022	0.0011	mg/Kg	☼	10/06/25 07:27	10/07/25 12:38	1
Carbon disulfide	0.0011	U	0.0011	0.00029	mg/Kg	☼	10/06/25 07:27	10/07/25 12:38	1
Carbon tetrachloride	0.0011	U	0.0011	0.00042	mg/Kg	☼	10/06/25 07:27	10/07/25 12:38	1
Chlorobenzene	0.0011	U	0.0011	0.00055	mg/Kg	☼	10/06/25 07:27	10/07/25 12:38	1
Chlorobromomethane	0.0011	U	0.0011	0.00065	mg/Kg	☼	10/06/25 07:27	10/07/25 12:38	1
Chlorodibromomethane	0.0011	U	0.0011	0.00058	mg/Kg	☼	10/06/25 07:27	10/07/25 12:38	1
Chloroethane	0.0011	U	0.0011	0.00057	mg/Kg	☼	10/06/25 07:27	10/07/25 12:38	1
Chloroform	0.0011	U	0.0011	0.0011	mg/Kg	☼	10/06/25 07:27	10/07/25 12:38	1
Chloromethane	0.0011	U	0.0011	0.00047	mg/Kg	☼	10/06/25 07:27	10/07/25 12:38	1
cis-1,2-Dichloroethene	0.0011	U	0.0011	0.00039	mg/Kg	☼	10/06/25 07:27	10/07/25 12:38	1
cis-1,3-Dichloropropene	0.0011	U	0.0011	0.00030	mg/Kg	☼	10/06/25 07:27	10/07/25 12:38	1
Cyclohexane	0.0011	U	0.0011	0.00024	mg/Kg	☼	10/06/25 07:27	10/07/25 12:38	1
Dichlorobromomethane	0.0011	U	0.0011	0.00028	mg/Kg	☼	10/06/25 07:27	10/07/25 12:38	1
Dichlorodifluoromethane	0.0011	U *	0.0011	0.00037	mg/Kg	☼	10/06/25 07:27	10/07/25 12:38	1
Ethylbenzene	0.0011	U	0.0011	0.00051	mg/Kg	☼	10/06/25 07:27	10/07/25 12:38	1
Ethylene Dibromide	0.0011	U	0.0011	0.00055	mg/Kg	☼	10/06/25 07:27	10/07/25 12:38	1
Isopropylbenzene	0.0011	U	0.0011	0.00031	mg/Kg	☼	10/06/25 07:27	10/07/25 12:38	1
Methyl acetate	0.0054	U	0.0054	0.0047	mg/Kg	☼	10/06/25 07:27	10/07/25 12:38	1
Methyl tert-butyl ether	0.0011	U	0.0011	0.00056	mg/Kg	☼	10/06/25 07:27	10/07/25 12:38	1
Methylcyclohexane	0.0011	U	0.0011	0.00054	mg/Kg	☼	10/06/25 07:27	10/07/25 12:38	1
Methylene Chloride	**0.0054**		0.0022	0.0012	mg/Kg	☼	10/06/25 07:27	10/07/25 12:38	1
m-Xylene & p-Xylene	0.0011	U	0.0011	0.00046	mg/Kg	☼	10/06/25 07:27	10/07/25 12:38	1
n-Butylbenzene	0.0011	U	0.0011	0.00032	mg/Kg	☼	10/06/25 07:27	10/07/25 12:38	1
N-Propylbenzene	0.0011	U	0.0011	0.00049	mg/Kg	☼	10/06/25 07:27	10/07/25 12:38	1
o-Xylene	0.0011	U	0.0011	0.00050	mg/Kg	☼	10/06/25 07:27	10/07/25 12:38	1
sec-Butylbenzene	0.0011	U	0.0011	0.00031	mg/Kg	☼	10/06/25 07:27	10/07/25 12:38	1
Styrene	0.0011	U	0.0011	0.00030	mg/Kg	☼	10/06/25 07:27	10/07/25 12:38	1

Client Sample ID: 4C2_3-4

Lab Sample ID: 460-336309-55

Date Collected: 10/02/25 12:30

Matrix: Solid

Date Received: 10/02/25 16:00

Percent Solids: 91.7

Method: SW846 8260D - Volatile Organic Compounds by GC/MS (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
tert-Butylbenzene	0.0011	U	0.0011	0.00030	mg/Kg	☼	10/06/25 07:27	10/07/25 12:38	1
Tetrachloroethene	0.0011	U	0.0011	0.00033	mg/Kg	☼	10/06/25 07:27	10/07/25 12:38	1
Toluene	0.0011	U	0.0011	0.00025	mg/Kg	☼	10/06/25 07:27	10/07/25 12:38	1
trans-1,2-Dichloroethene	0.0011	U	0.0011	0.00027	mg/Kg	☼	10/06/25 07:27	10/07/25 12:38	1
trans-1,3-Dichloropropene	0.0011	U	0.0011	0.00029	mg/Kg	☼	10/06/25 07:27	10/07/25 12:38	1
Trichloroethene	0.0011	U	0.0011	0.00035	mg/Kg	☼	10/06/25 07:27	10/07/25 12:38	1
Trichlorofluoromethane	0.0011	U	0.0011	0.00044	mg/Kg	☼	10/06/25 07:27	10/07/25 12:38	1
Vinyl chloride	0.0011	U	0.0011	0.00059	mg/Kg	☼	10/06/25 07:27	10/07/25 12:38	1
Xylenes, Total	0.0022	U	0.0022	0.00019	mg/Kg	☼	10/06/25 07:27	10/07/25 12:38	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,2-Dichloroethane-d4 (Surr)	*97*		*65 - 138*	*10/06/25 07:27*	*10/07/25 12:38*	*1*
4-Bromofluorobenzene	*95*		*71 - 128*	*10/06/25 07:27*	*10/07/25 12:38*	*1*
Dibromofluoromethane (Surr)	*97*		*50 - 150*	*10/06/25 07:27*	*10/07/25 12:38*	*1*
Toluene-d8 (Surr)	*102*		*71 - 126*	*10/06/25 07:27*	*10/07/25 12:38*	*1*

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Percent Moisture (EPA Moisture)	**8.3**		1.0	1.0	%			10/07/25 19:23	1
Percent Solids (EPA Moisture)	**91.7**		1.0	1.0	%			10/07/25 19:23	1

Client Sample ID: 4C3_5-6

Lab Sample ID: 460-336309-56

Date Collected: 10/02/25 12:35

Matrix: Solid

Date Received: 10/02/25 16:00

Percent Solids: 92.8

Method: SW846 8260D - Volatile Organic Compounds by GC/MS

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1-Trichloroethane	0.0011	U	0.0011	0.00025	mg/Kg	☼	10/06/25 07:27	10/08/25 05:06	1
1,1,2,2-Tetrachloroethane	0.0011	U	0.0011	0.00056	mg/Kg	☼	10/06/25 07:27	10/08/25 05:06	1
1,1,2-Trichloro-1,2,2-trifluoroethane	0.0011	U	0.0011	0.00032	mg/Kg	☼	10/06/25 07:27	10/08/25 05:06	1
1,1,2-Trichloroethane	0.0011	U	0.0011	0.00064	mg/Kg	☼	10/06/25 07:27	10/08/25 05:06	1
1,1-Dichloroethane	0.0011	U	0.0011	0.00064	mg/Kg	☼	10/06/25 07:27	10/08/25 05:06	1
1,1-Dichloroethene	0.0011	U	0.0011	0.00024	mg/Kg	☼	10/06/25 07:27	10/08/25 05:06	1
1,2,3-Trichlorobenzene	0.0011	U	0.0011	0.00079	mg/Kg	☼	10/06/25 07:27	10/08/25 05:06	1
1,2,4-Trichlorobenzene	0.0011	U	0.0011	0.00038	mg/Kg	☼	10/06/25 07:27	10/08/25 05:06	1
1,2,4-Trimethylbenzene	0.0011	U	0.0011	0.00026	mg/Kg	☼	10/06/25 07:27	10/08/25 05:06	1
1,2-Dibromo-3-Chloropropane	0.0011	U	0.0011	0.00049	mg/Kg	☼	10/06/25 07:27	10/08/25 05:06	1
1,2-Dichlorobenzene	0.0011	U	0.0011	0.00039	mg/Kg	☼	10/06/25 07:27	10/08/25 05:06	1
1,2-Dichloroethane	0.0011	U	0.0011	0.00032	mg/Kg	☼	10/06/25 07:27	10/08/25 05:06	1
1,2-Dichloropropane	0.0011	U	0.0011	0.00045	mg/Kg	☼	10/06/25 07:27	10/08/25 05:06	1
1,3,5-Trimethylbenzene	0.0011	U	0.0011	0.00034	mg/Kg	☼	10/06/25 07:27	10/08/25 05:06	1
1,3-Dichlorobenzene	0.0011	U	0.0011	0.00039	mg/Kg	☼	10/06/25 07:27	10/08/25 05:06	1
1,4-Dichlorobenzene	0.0011	U	0.0011	0.00055	mg/Kg	☼	10/06/25 07:27	10/08/25 05:06	1
2-Butanone (MEK)	0.0053	U	0.0053	0.00039	mg/Kg	☼	10/06/25 07:27	10/08/25 05:06	1
2-Hexanone	0.0053	U	0.0053	0.0018	mg/Kg	☼	10/06/25 07:27	10/08/25 05:06	1
4-Methyl-2-pentanone (MIBK)	0.0053	U	0.0053	0.0017	mg/Kg	☼	10/06/25 07:27	10/08/25 05:06	1
Acetone	0.0064	U	0.0064	0.0061	mg/Kg	☼	10/06/25 07:27	10/08/25 05:06	1
Benzene	0.0011	U	0.0011	0.00061	mg/Kg	☼	10/06/25 07:27	10/08/25 05:06	1
Bromoform	0.0011	U	0.0011	0.00045	mg/Kg	☼	10/06/25 07:27	10/08/25 05:06	1
Bromomethane	0.0021	U *	0.0021	0.0011	mg/Kg	☼	10/06/25 07:27	10/08/25 05:06	1

Client Sample ID: 4C3_5-6
Date Collected: 10/02/25 12:35
Date Received: 10/02/25 16:00

Lab Sample ID: 460-336309-56
Matrix: Solid
Percent Solids: 92.8

Method: SW846 8260D - Volatile Organic Compounds by GC/MS (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Carbon disulfide	0.0011	U	0.0011	0.00028	mg/Kg	☼	10/06/25 07:27	10/08/25 05:06	1
Carbon tetrachloride	0.0011	U	0.0011	0.00041	mg/Kg	☼	10/06/25 07:27	10/08/25 05:06	1
Chlorobenzene	0.0011	U	0.0011	0.00054	mg/Kg	☼	10/06/25 07:27	10/08/25 05:06	1
Chlorobromomethane	0.0011	U	0.0011	0.00064	mg/Kg	☼	10/06/25 07:27	10/08/25 05:06	1
Chlorodibromomethane	0.0011	U	0.0011	0.00057	mg/Kg	☼	10/06/25 07:27	10/08/25 05:06	1
Chloroethane	0.0011	U	0.0011	0.00056	mg/Kg	☼	10/06/25 07:27	10/08/25 05:06	1
Chloroform	0.0011	U	0.0011	0.0010	mg/Kg	☼	10/06/25 07:27	10/08/25 05:06	1
Chloromethane	0.0011	U	0.0011	0.00046	mg/Kg	☼	10/06/25 07:27	10/08/25 05:06	1
cis-1,2-Dichloroethene	0.0011	U	0.0011	0.00038	mg/Kg	☼	10/06/25 07:27	10/08/25 05:06	1
cis-1,3-Dichloropropene	0.0011	U	0.0011	0.00029	mg/Kg	☼	10/06/25 07:27	10/08/25 05:06	1
Cyclohexane	0.0011	U	0.0011	0.00024	mg/Kg	☼	10/06/25 07:27	10/08/25 05:06	1
Dichlorobromomethane	0.0011	U	0.0011	0.00027	mg/Kg	☼	10/06/25 07:27	10/08/25 05:06	1
Dichlorodifluoromethane	0.0011	U	0.0011	0.00036	mg/Kg	☼	10/06/25 07:27	10/08/25 05:06	1
Ethylbenzene	0.0011	U	0.0011	0.00050	mg/Kg	☼	10/06/25 07:27	10/08/25 05:06	1
Ethylene Dibromide	0.0011	U	0.0011	0.00054	mg/Kg	☼	10/06/25 07:27	10/08/25 05:06	1
Isopropylbenzene	0.0011	U	0.0011	0.00030	mg/Kg	☼	10/06/25 07:27	10/08/25 05:06	1
Methyl acetate	0.0053	U	0.0053	0.0046	mg/Kg	☼	10/06/25 07:27	10/08/25 05:06	1
Methyl tert-butyl ether	0.0011	U	0.0011	0.00055	mg/Kg	☼	10/06/25 07:27	10/08/25 05:06	1
Methylcyclohexane	0.0011	U	0.0011	0.00053	mg/Kg	☼	10/06/25 07:27	10/08/25 05:06	1
Methylene Chloride	**0.0033**		0.0021	0.0012	mg/Kg	☼	10/06/25 07:27	10/08/25 05:06	1
m-Xylene & p-Xylene	0.0011	U	0.0011	0.00045	mg/Kg	☼	10/06/25 07:27	10/08/25 05:06	1
n-Butylbenzene	0.0011	U	0.0011	0.00031	mg/Kg	☼	10/06/25 07:27	10/08/25 05:06	1
N-Propylbenzene	0.0011	U	0.0011	0.00048	mg/Kg	☼	10/06/25 07:27	10/08/25 05:06	1
o-Xylene	0.0011	U	0.0011	0.00049	mg/Kg	☼	10/06/25 07:27	10/08/25 05:06	1
sec-Butylbenzene	0.0011	U	0.0011	0.00031	mg/Kg	☼	10/06/25 07:27	10/08/25 05:06	1
Styrene	0.0011	U	0.0011	0.00030	mg/Kg	☼	10/06/25 07:27	10/08/25 05:06	1
tert-Butylbenzene	0.0011	U	0.0011	0.00029	mg/Kg	☼	10/06/25 07:27	10/08/25 05:06	1
Tetrachloroethene	0.0011	U	0.0011	0.00033	mg/Kg	☼	10/06/25 07:27	10/08/25 05:06	1
Toluene	0.0011	U	0.0011	0.00025	mg/Kg	☼	10/06/25 07:27	10/08/25 05:06	1
trans-1,2-Dichloroethene	0.0011	U	0.0011	0.00026	mg/Kg	☼	10/06/25 07:27	10/08/25 05:06	1
trans-1,3-Dichloropropene	0.0011	U	0.0011	0.00028	mg/Kg	☼	10/06/25 07:27	10/08/25 05:06	1
Trichloroethene	0.0011	U	0.0011	0.00034	mg/Kg	☼	10/06/25 07:27	10/08/25 05:06	1
Trichlorofluoromethane	0.0011	U	0.0011	0.00043	mg/Kg	☼	10/06/25 07:27	10/08/25 05:06	1
Vinyl chloride	0.0011	U	0.0011	0.00058	mg/Kg	☼	10/06/25 07:27	10/08/25 05:06	1
Xylenes, Total	0.0021	U	0.0021	0.00019	mg/Kg	☼	10/06/25 07:27	10/08/25 05:06	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,2-Dichloroethane-d4 (Surr)	*97*		*65 - 138*	*10/06/25 07:27*	*10/08/25 05:06*	*1*
4-Bromofluorobenzene	*97*		*71 - 128*	*10/06/25 07:27*	*10/08/25 05:06*	*1*
Dibromofluoromethane (Surr)	*99*		*50 - 150*	*10/06/25 07:27*	*10/08/25 05:06*	*1*
Toluene-d8 (Surr)	*102*		*71 - 126*	*10/06/25 07:27*	*10/08/25 05:06*	*1*

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Percent Moisture (EPA Moisture)	**7.2**		1.0	1.0	%			10/07/25 19:23	1
Percent Solids (EPA Moisture)	**92.8**		1.0	1.0	%			10/07/25 19:23	1

Client Sample ID: 4C1_6-7
Date Collected: 10/02/25 12:40
Date Received: 10/02/25 16:00

Lab Sample ID: 460-336309-57
Matrix: Solid
Percent Solids: 91.5

Method: SW846 8260D - Volatile Organic Compounds by GC/MS

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1-Trichloroethane	0.0011	U	0.0011	0.00025	mg/Kg	☼	10/06/25 07:28	10/08/25 05:30	1
1,1,2,2-Tetrachloroethane	0.0011	U	0.0011	0.00057	mg/Kg	☼	10/06/25 07:28	10/08/25 05:30	1
1,1,2-Trichloro-1,2,2-trifluoroethane	0.0011	U	0.0011	0.00033	mg/Kg	☼	10/06/25 07:28	10/08/25 05:30	1
1,1,2-Trichloroethane	0.0011	U	0.0011	0.00065	mg/Kg	☼	10/06/25 07:28	10/08/25 05:30	1
1,1-Dichloroethane	0.0011	U	0.0011	0.00065	mg/Kg	☼	10/06/25 07:28	10/08/25 05:30	1
1,1-Dichloroethene	0.0011	U	0.0011	0.00024	mg/Kg	☼	10/06/25 07:28	10/08/25 05:30	1
1,2,3-Trichlorobenzene	0.0011	U	0.0011	0.00080	mg/Kg	☼	10/06/25 07:28	10/08/25 05:30	1
1,2,4-Trichlorobenzene	0.0011	U	0.0011	0.00039	mg/Kg	☼	10/06/25 07:28	10/08/25 05:30	1
1,2,4-Trimethylbenzene	0.0011	U	0.0011	0.00027	mg/Kg	☼	10/06/25 07:28	10/08/25 05:30	1
1,2-Dibromo-3-Chloropropane	0.0011	U	0.0011	0.00050	mg/Kg	☼	10/06/25 07:28	10/08/25 05:30	1
1,2-Dichlorobenzene	0.0011	U	0.0011	0.00039	mg/Kg	☼	10/06/25 07:28	10/08/25 05:30	1
1,2-Dichloroethane	0.0011	U	0.0011	0.00032	mg/Kg	☼	10/06/25 07:28	10/08/25 05:30	1
1,2-Dichloropropane	0.0011	U	0.0011	0.00046	mg/Kg	☼	10/06/25 07:28	10/08/25 05:30	1
1,3,5-Trimethylbenzene	0.0011	U	0.0011	0.00034	mg/Kg	☼	10/06/25 07:28	10/08/25 05:30	1
1,3-Dichlorobenzene	0.0011	U	0.0011	0.00040	mg/Kg	☼	10/06/25 07:28	10/08/25 05:30	1
1,4-Dichlorobenzene	0.0011	U	0.0011	0.00056	mg/Kg	☼	10/06/25 07:28	10/08/25 05:30	1
2-Butanone (MEK)	0.0054	U	0.0054	0.00040	mg/Kg	☼	10/06/25 07:28	10/08/25 05:30	1
2-Hexanone	0.0054	U	0.0054	0.0019	mg/Kg	☼	10/06/25 07:28	10/08/25 05:30	1
4-Methyl-2-pentanone (MIBK)	0.0054	U	0.0054	0.0017	mg/Kg	☼	10/06/25 07:28	10/08/25 05:30	1
Acetone	0.0065	U	0.0065	0.0062	mg/Kg	☼	10/06/25 07:28	10/08/25 05:30	1
Benzene	0.0011	U	0.0011	0.00062	mg/Kg	☼	10/06/25 07:28	10/08/25 05:30	1
Bromoform	0.0011	U	0.0011	0.00046	mg/Kg	☼	10/06/25 07:28	10/08/25 05:30	1
Bromomethane	0.0022	U *	0.0022	0.0011	mg/Kg	☼	10/06/25 07:28	10/08/25 05:30	1
Carbon disulfide	0.0011	U	0.0011	0.00029	mg/Kg	☼	10/06/25 07:28	10/08/25 05:30	1
Carbon tetrachloride	0.0011	U	0.0011	0.00042	mg/Kg	☼	10/06/25 07:28	10/08/25 05:30	1
Chlorobenzene	0.0011	U	0.0011	0.00055	mg/Kg	☼	10/06/25 07:28	10/08/25 05:30	1
Chlorobromomethane	0.0011	U	0.0011	0.00065	mg/Kg	☼	10/06/25 07:28	10/08/25 05:30	1
Chlorodibromomethane	0.0011	U	0.0011	0.00058	mg/Kg	☼	10/06/25 07:28	10/08/25 05:30	1
Chloroethane	0.0011	U	0.0011	0.00057	mg/Kg	☼	10/06/25 07:28	10/08/25 05:30	1
Chloroform	0.0011	U	0.0011	0.0011	mg/Kg	☼	10/06/25 07:28	10/08/25 05:30	1
Chloromethane	0.0011	U	0.0011	0.00047	mg/Kg	☼	10/06/25 07:28	10/08/25 05:30	1
cis-1,2-Dichloroethene	0.0011	U	0.0011	0.00039	mg/Kg	☼	10/06/25 07:28	10/08/25 05:30	1
cis-1,3-Dichloropropene	0.0011	U	0.0011	0.00030	mg/Kg	☼	10/06/25 07:28	10/08/25 05:30	1
Cyclohexane	0.0011	U	0.0011	0.00024	mg/Kg	☼	10/06/25 07:28	10/08/25 05:30	1
Dichlorobromomethane	0.0011	U	0.0011	0.00028	mg/Kg	☼	10/06/25 07:28	10/08/25 05:30	1
Dichlorodifluoromethane	0.0011	U	0.0011	0.00037	mg/Kg	☼	10/06/25 07:28	10/08/25 05:30	1
Ethylbenzene	0.0011	U	0.0011	0.00051	mg/Kg	☼	10/06/25 07:28	10/08/25 05:30	1
Ethylene Dibromide	0.0011	U	0.0011	0.00055	mg/Kg	☼	10/06/25 07:28	10/08/25 05:30	1
Isopropylbenzene	0.0011	U	0.0011	0.00031	mg/Kg	☼	10/06/25 07:28	10/08/25 05:30	1
Methyl acetate	0.0054	U	0.0054	0.0047	mg/Kg	☼	10/06/25 07:28	10/08/25 05:30	1
Methyl tert-butyl ether	0.0011	U	0.0011	0.00056	mg/Kg	☼	10/06/25 07:28	10/08/25 05:30	1
Methylcyclohexane	0.0011	U	0.0011	0.00054	mg/Kg	☼	10/06/25 07:28	10/08/25 05:30	1
Methylene Chloride	**0.0050**		0.0022	0.0012	mg/Kg	☼	10/06/25 07:28	10/08/25 05:30	1
m-Xylene & p-Xylene	0.0011	U	0.0011	0.00046	mg/Kg	☼	10/06/25 07:28	10/08/25 05:30	1
n-Butylbenzene	0.0011	U	0.0011	0.00032	mg/Kg	☼	10/06/25 07:28	10/08/25 05:30	1
N-Propylbenzene	0.0011	U	0.0011	0.00049	mg/Kg	☼	10/06/25 07:28	10/08/25 05:30	1
o-Xylene	0.0011	U	0.0011	0.00050	mg/Kg	☼	10/06/25 07:28	10/08/25 05:30	1
sec-Butylbenzene	0.0011	U	0.0011	0.00031	mg/Kg	☼	10/06/25 07:28	10/08/25 05:30	1
Styrene	0.0011	U	0.0011	0.00030	mg/Kg	☼	10/06/25 07:28	10/08/25 05:30	1

Client Sample ID: 4C1_6-7

Lab Sample ID: 460-336309-57

Date Collected: 10/02/25 12:40
Matrix: Solid
Date Received: 10/02/25 16:00
Percent Solids: 91.5

Method: SW846 8260D - Volatile Organic Compounds by GC/MS (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
tert-Butylbenzene	0.0011	U	0.0011	0.00030	mg/Kg	☼	10/06/25 07:28	10/08/25 05:30	1
Tetrachloroethene	0.0011	U	0.0011	0.00033	mg/Kg	☼	10/06/25 07:28	10/08/25 05:30	1
Toluene	0.0011	U	0.0011	0.00025	mg/Kg	☼	10/06/25 07:28	10/08/25 05:30	1
trans-1,2-Dichloroethene	0.0011	U	0.0011	0.00027	mg/Kg	☼	10/06/25 07:28	10/08/25 05:30	1
trans-1,3-Dichloropropene	0.0011	U	0.0011	0.00029	mg/Kg	☼	10/06/25 07:28	10/08/25 05:30	1
Trichloroethene	0.0011	U	0.0011	0.00035	mg/Kg	☼	10/06/25 07:28	10/08/25 05:30	1
Trichlorofluoromethane	0.0011	U	0.0011	0.00044	mg/Kg	☼	10/06/25 07:28	10/08/25 05:30	1
Vinyl chloride	0.0011	U	0.0011	0.00059	mg/Kg	☼	10/06/25 07:28	10/08/25 05:30	1
Xylenes, Total	0.0022	U	0.0022	0.00019	mg/Kg	☼	10/06/25 07:28	10/08/25 05:30	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,2-Dichloroethane-d4 (Surr)	*98*		*65 - 138*	*10/06/25 07:28*	*10/08/25 05:30*	*1*
4-Bromofluorobenzene	*96*		*71 - 128*	*10/06/25 07:28*	*10/08/25 05:30*	*1*
Dibromofluoromethane (Surr)	*99*		*50 - 150*	*10/06/25 07:28*	*10/08/25 05:30*	*1*
Toluene-d8 (Surr)	*101*		*71 - 126*	*10/06/25 07:28*	*10/08/25 05:30*	*1*

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Percent Moisture (EPA Moisture)	**8.5**		1.0	1.0	%			10/07/25 19:23	1
Percent Solids (EPA Moisture)	**91.5**		1.0	1.0	%			10/07/25 19:23	1

Client Sample ID: 4C2_8-9

Lab Sample ID: 460-336309-58

Date Collected: 10/02/25 12:45
Matrix: Solid
Date Received: 10/02/25 16:00
Percent Solids: 93.5

Method: SW846 8260D - Volatile Organic Compounds by GC/MS

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1-Trichloroethane	0.0011	U	0.0011	0.00027	mg/Kg	☼	10/06/25 07:28	10/07/25 13:56	1
1,1,2,2-Tetrachloroethane	0.0011	U	0.0011	0.00060	mg/Kg	☼	10/06/25 07:28	10/07/25 13:56	1
1,1,2-Trichloro-1,2,2-trifluoroethane	0.0011	U	0.0011	0.00034	mg/Kg	☼	10/06/25 07:28	10/07/25 13:56	1
1,1,2-Trichloroethane	0.0011	U	0.0011	0.00069	mg/Kg	☼	10/06/25 07:28	10/07/25 13:56	1
1,1-Dichloroethane	0.0011	U	0.0011	0.00068	mg/Kg	☼	10/06/25 07:28	10/07/25 13:56	1
1,1-Dichloroethene	0.0011	U	0.0011	0.00026	mg/Kg	☼	10/06/25 07:28	10/07/25 13:56	1
1,2,3-Trichlorobenzene	0.0011	U	0.0011	0.00084	mg/Kg	☼	10/06/25 07:28	10/07/25 13:56	1
1,2,4-Trichlorobenzene	0.0011	U	0.0011	0.00041	mg/Kg	☼	10/06/25 07:28	10/07/25 13:56	1
1,2,4-Trimethylbenzene	0.0011	U	0.0011	0.00028	mg/Kg	☼	10/06/25 07:28	10/07/25 13:56	1
1,2-Dibromo-3-Chloropropane	0.0011	U	0.0011	0.00053	mg/Kg	☼	10/06/25 07:28	10/07/25 13:56	1
1,2-Dichlorobenzene	0.0011	U	0.0011	0.00041	mg/Kg	☼	10/06/25 07:28	10/07/25 13:56	1
1,2-Dichloroethane	0.0011	U	0.0011	0.00034	mg/Kg	☼	10/06/25 07:28	10/07/25 13:56	1
1,2-Dichloropropane	0.0011	U	0.0011	0.00048	mg/Kg	☼	10/06/25 07:28	10/07/25 13:56	1
1,3,5-Trimethylbenzene	0.0011	U	0.0011	0.00036	mg/Kg	☼	10/06/25 07:28	10/07/25 13:56	1
1,3-Dichlorobenzene	0.0011	U	0.0011	0.00042	mg/Kg	☼	10/06/25 07:28	10/07/25 13:56	1
1,4-Dichlorobenzene	0.0011	U	0.0011	0.00059	mg/Kg	☼	10/06/25 07:28	10/07/25 13:56	1
2-Butanone (MEK)	0.0057	U	0.0057	0.00042	mg/Kg	☼	10/06/25 07:28	10/07/25 13:56	1
2-Hexanone	0.0057	U	0.0057	0.0020	mg/Kg	☼	10/06/25 07:28	10/07/25 13:56	1
4-Methyl-2-pentanone (MIBK)	0.0057	U	0.0057	0.0018	mg/Kg	☼	10/06/25 07:28	10/07/25 13:56	1
Acetone	0.0069	U	0.0069	0.0065	mg/Kg	☼	10/06/25 07:28	10/07/25 13:56	1
Benzene	0.0011	U	0.0011	0.00065	mg/Kg	☼	10/06/25 07:28	10/07/25 13:56	1
Bromoform	0.0011	U	0.0011	0.00049	mg/Kg	☼	10/06/25 07:28	10/07/25 13:56	1
Bromomethane	0.0023	U	0.0023	0.0011	mg/Kg	☼	10/06/25 07:28	10/07/25 13:56	1

Client Sample ID: 4C2_8-9
Date Collected: 10/02/25 12:45
Date Received: 10/02/25 16:00

Lab Sample ID: 460-336309-58
Matrix: Solid
Percent Solids: 93.5

Method: SW846 8260D - Volatile Organic Compounds by GC/MS (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Carbon disulfide	0.0011	U	0.0011	0.00030	mg/Kg	☼	10/06/25 07:28	10/07/25 13:56	1
Carbon tetrachloride	0.0011	U	0.0011	0.00044	mg/Kg	☼	10/06/25 07:28	10/07/25 13:56	1
Chlorobenzene	0.0011	U	0.0011	0.00058	mg/Kg	☼	10/06/25 07:28	10/07/25 13:56	1
Chlorobromomethane	0.0011	U	0.0011	0.00068	mg/Kg	☼	10/06/25 07:28	10/07/25 13:56	1
Chlorodibromomethane	0.0011	U	0.0011	0.00061	mg/Kg	☼	10/06/25 07:28	10/07/25 13:56	1
Chloroethane	0.0011	U	0.0011	0.00060	mg/Kg	☼	10/06/25 07:28	10/07/25 13:56	1
Chloroform	0.0011	U	0.0011	0.0011	mg/Kg	☼	10/06/25 07:28	10/07/25 13:56	1
Chloromethane	0.0011	U	0.0011	0.00050	mg/Kg	☼	10/06/25 07:28	10/07/25 13:56	1
cis-1,2-Dichloroethene	0.0011	U	0.0011	0.00041	mg/Kg	☼	10/06/25 07:28	10/07/25 13:56	1
cis-1,3-Dichloropropene	0.0011	U	0.0011	0.00031	mg/Kg	☼	10/06/25 07:28	10/07/25 13:56	1
Cyclohexane	0.0011	U	0.0011	0.00025	mg/Kg	☼	10/06/25 07:28	10/07/25 13:56	1
Dichlorobromomethane	0.0011	U	0.0011	0.00029	mg/Kg	☼	10/06/25 07:28	10/07/25 13:56	1
Dichlorodifluoromethane	0.0011	U *	0.0011	0.00039	mg/Kg	☼	10/06/25 07:28	10/07/25 13:56	1
Ethylbenzene	0.0011	U	0.0011	0.00054	mg/Kg	☼	10/06/25 07:28	10/07/25 13:56	1
Ethylene Dibromide	0.0011	U	0.0011	0.00058	mg/Kg	☼	10/06/25 07:28	10/07/25 13:56	1
Isopropylbenzene	0.0011	U	0.0011	0.00033	mg/Kg	☼	10/06/25 07:28	10/07/25 13:56	1
Methyl acetate	0.0057	U	0.0057	0.0049	mg/Kg	☼	10/06/25 07:28	10/07/25 13:56	1
Methyl tert-butyl ether	0.0011	U	0.0011	0.00059	mg/Kg	☼	10/06/25 07:28	10/07/25 13:56	1
Methylcyclohexane	0.0011	U	0.0011	0.00057	mg/Kg	☼	10/06/25 07:28	10/07/25 13:56	1
Methylene Chloride	**0.0038**		0.0023	0.0013	mg/Kg	☼	10/06/25 07:28	10/07/25 13:56	1
m-Xylene & p-Xylene	0.0011	U	0.0011	0.00048	mg/Kg	☼	10/06/25 07:28	10/07/25 13:56	1
n-Butylbenzene	0.0011	U	0.0011	0.00034	mg/Kg	☼	10/06/25 07:28	10/07/25 13:56	1
N-Propylbenzene	0.0011	U	0.0011	0.00051	mg/Kg	☼	10/06/25 07:28	10/07/25 13:56	1
o-Xylene	0.0011	U	0.0011	0.00053	mg/Kg	☼	10/06/25 07:28	10/07/25 13:56	1
sec-Butylbenzene	0.0011	U	0.0011	0.00033	mg/Kg	☼	10/06/25 07:28	10/07/25 13:56	1
Styrene	0.0011	U	0.0011	0.00032	mg/Kg	☼	10/06/25 07:28	10/07/25 13:56	1
tert-Butylbenzene	0.0011	U	0.0011	0.00032	mg/Kg	☼	10/06/25 07:28	10/07/25 13:56	1
Tetrachloroethene	0.0011	U	0.0011	0.00035	mg/Kg	☼	10/06/25 07:28	10/07/25 13:56	1
Toluene	0.0011	U	0.0011	0.00027	mg/Kg	☼	10/06/25 07:28	10/07/25 13:56	1
trans-1,2-Dichloroethene	0.0011	U	0.0011	0.00028	mg/Kg	☼	10/06/25 07:28	10/07/25 13:56	1
trans-1,3-Dichloropropene	0.0011	U	0.0011	0.00030	mg/Kg	☼	10/06/25 07:28	10/07/25 13:56	1
Trichloroethene	0.0011	U	0.0011	0.00037	mg/Kg	☼	10/06/25 07:28	10/07/25 13:56	1
Trichlorofluoromethane	0.0011	U	0.0011	0.00046	mg/Kg	☼	10/06/25 07:28	10/07/25 13:56	1
Vinyl chloride	0.0011	U	0.0011	0.00063	mg/Kg	☼	10/06/25 07:28	10/07/25 13:56	1
Xylenes, Total	0.0023	U	0.0023	0.00020	mg/Kg	☼	10/06/25 07:28	10/07/25 13:56	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,2-Dichloroethane-d4 (Surr)	*100*		*65 - 138*	*10/06/25 07:28*	*10/07/25 13:56*	*1*
4-Bromofluorobenzene	*96*		*71 - 128*	*10/06/25 07:28*	*10/07/25 13:56*	*1*
Dibromofluoromethane (Surr)	*98*		*50 - 150*	*10/06/25 07:28*	*10/07/25 13:56*	*1*
Toluene-d8 (Surr)	*101*		*71 - 126*	*10/06/25 07:28*	*10/07/25 13:56*	*1*

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Percent Moisture (EPA Moisture)	**6.5**		1.0	1.0	%			10/07/25 19:23	1
Percent Solids (EPA Moisture)	**93.5**		1.0	1.0	%			10/07/25 19:23	1

Client Sample ID: 4C3_11-12
Date Collected: 10/02/25 12:50
Date Received: 10/02/25 16:00

Lab Sample ID: 460-336309-59
Matrix: Solid
Percent Solids: 91.2

Method: SW846 8260D - Volatile Organic Compounds by GC/MS

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1-Trichloroethane	0.0010	U	0.0010	0.00023	mg/Kg	☼	10/06/25 07:28	10/09/25 10:14	1
1,1,2,2-Tetrachloroethane	0.0010	U	0.0010	0.00052	mg/Kg	☼	10/06/25 07:28	10/09/25 10:14	1
1,1,2-Trichloro-1,2,2-trifluoroethane	0.0010	U	0.0010	0.00030	mg/Kg	☼	10/06/25 07:28	10/09/25 10:14	1
1,1,2-Trichloroethane	0.0010	U	0.0010	0.00060	mg/Kg	☼	10/06/25 07:28	10/09/25 10:14	1
1,1-Dichloroethane	0.0010	U	0.0010	0.00060	mg/Kg	☼	10/06/25 07:28	10/09/25 10:14	1
1,1-Dichloroethene	0.0010	U	0.0010	0.00023	mg/Kg	☼	10/06/25 07:28	10/09/25 10:14	1
1,2,3-Trichlorobenzene	0.0010	U	0.0010	0.00074	mg/Kg	☼	10/06/25 07:28	10/09/25 10:14	1
1,2,4-Trichlorobenzene	0.0010	U	0.0010	0.00036	mg/Kg	☼	10/06/25 07:28	10/09/25 10:14	1
1,2,4-Trimethylbenzene	0.0010	U	0.0010	0.00025	mg/Kg	☼	10/06/25 07:28	10/09/25 10:14	1
1,2-Dibromo-3-Chloropropane	0.0010	U	0.0010	0.00046	mg/Kg	☼	10/06/25 07:28	10/09/25 10:14	1
1,2-Dichlorobenzene	0.0010	U	0.0010	0.00036	mg/Kg	☼	10/06/25 07:28	10/09/25 10:14	1
1,2-Dichloroethane	0.0010	U	0.0010	0.00030	mg/Kg	☼	10/06/25 07:28	10/09/25 10:14	1
1,2-Dichloropropane	0.0010	U	0.0010	0.00042	mg/Kg	☼	10/06/25 07:28	10/09/25 10:14	1
1,3,5-Trimethylbenzene	0.0010	U	0.0010	0.00032	mg/Kg	☼	10/06/25 07:28	10/09/25 10:14	1
1,3-Dichlorobenzene	0.0010	U	0.0010	0.00037	mg/Kg	☼	10/06/25 07:28	10/09/25 10:14	1
1,4-Dichlorobenzene	0.0010	U	0.0010	0.00052	mg/Kg	☼	10/06/25 07:28	10/09/25 10:14	1
2-Butanone (MEK)	0.0050	U	0.0050	0.00037	mg/Kg	☼	10/06/25 07:28	10/09/25 10:14	1
2-Hexanone	0.0050	U	0.0050	0.0017	mg/Kg	☼	10/06/25 07:28	10/09/25 10:14	1
4-Methyl-2-pentanone (MIBK)	0.0050	U	0.0050	0.0016	mg/Kg	☼	10/06/25 07:28	10/09/25 10:14	1
Acetone	0.0060	U	0.0060	0.0057	mg/Kg	☼	10/06/25 07:28	10/09/25 10:14	1
Benzene	0.0010	U	0.0010	0.00057	mg/Kg	☼	10/06/25 07:28	10/09/25 10:14	1
Bromoform	0.0010	U	0.0010	0.00043	mg/Kg	☼	10/06/25 07:28	10/09/25 10:14	1
Bromomethane	0.0020	U	0.0020	0.0010	mg/Kg	☼	10/06/25 07:28	10/09/25 10:14	1
Carbon disulfide	0.0010	U	0.0010	0.00027	mg/Kg	☼	10/06/25 07:28	10/09/25 10:14	1
Carbon tetrachloride	0.0010	U	0.0010	0.00039	mg/Kg	☼	10/06/25 07:28	10/09/25 10:14	1
Chlorobenzene	0.0010	U	0.0010	0.00051	mg/Kg	☼	10/06/25 07:28	10/09/25 10:14	1
Chlorobromomethane	0.0010	U	0.0010	0.00060	mg/Kg	☼	10/06/25 07:28	10/09/25 10:14	1
Chlorodibromomethane	0.0010	U	0.0010	0.00054	mg/Kg	☼	10/06/25 07:28	10/09/25 10:14	1
Chloroethane	0.0010	U	0.0010	0.00052	mg/Kg	☼	10/06/25 07:28	10/09/25 10:14	1
Chloroform	0.0010	U	0.0010	0.00097	mg/Kg	☼	10/06/25 07:28	10/09/25 10:14	1
Chloromethane	0.0010	U	0.0010	0.00044	mg/Kg	☼	10/06/25 07:28	10/09/25 10:14	1
cis-1,2-Dichloroethene	0.0010	U	0.0010	0.00036	mg/Kg	☼	10/06/25 07:28	10/09/25 10:14	1
cis-1,3-Dichloropropene	0.0010	U	0.0010	0.00027	mg/Kg	☼	10/06/25 07:28	10/09/25 10:14	1
Cyclohexane	0.0010	U	0.0010	0.00022	mg/Kg	☼	10/06/25 07:28	10/09/25 10:14	1
Dichlorobromomethane	0.0010	U	0.0010	0.00026	mg/Kg	☼	10/06/25 07:28	10/09/25 10:14	1
Dichlorodifluoromethane	0.0010	U *	0.0010	0.00034	mg/Kg	☼	10/06/25 07:28	10/09/25 10:14	1
Ethylbenzene	0.0010	U	0.0010	0.00047	mg/Kg	☼	10/06/25 07:28	10/09/25 10:14	1
Ethylene Dibromide	0.0010	U	0.0010	0.00051	mg/Kg	☼	10/06/25 07:28	10/09/25 10:14	1
Isopropylbenzene	0.0010	U	0.0010	0.00029	mg/Kg	☼	10/06/25 07:28	10/09/25 10:14	1
Methyl acetate	0.0050	U *	0.0050	0.0043	mg/Kg	☼	10/06/25 07:28	10/09/25 10:14	1
Methyl tert-butyl ether	0.0010	U	0.0010	0.00051	mg/Kg	☼	10/06/25 07:28	10/09/25 10:14	1
Methylcyclohexane	0.0010	U	0.0010	0.00050	mg/Kg	☼	10/06/25 07:28	10/09/25 10:14	1
Methylene Chloride	**0.0021**		0.0020	0.0011	mg/Kg	☼	10/06/25 07:28	10/09/25 10:14	1
m-Xylene & p-Xylene	0.0010	U	0.0010	0.00042	mg/Kg	☼	10/06/25 07:28	10/09/25 10:14	1
n-Butylbenzene	0.0010	U	0.0010	0.00030	mg/Kg	☼	10/06/25 07:28	10/09/25 10:14	1
N-Propylbenzene	0.0010	U	0.0010	0.00045	mg/Kg	☼	10/06/25 07:28	10/09/25 10:14	1
o-Xylene	0.0010	U	0.0010	0.00046	mg/Kg	☼	10/06/25 07:28	10/09/25 10:14	1
sec-Butylbenzene	0.0010	U	0.0010	0.00029	mg/Kg	☼	10/06/25 07:28	10/09/25 10:14	1
Styrene	0.0010	U	0.0010	0.00028	mg/Kg	☼	10/06/25 07:28	10/09/25 10:14	1

Client Sample ID: 4C3_11-12

Lab Sample ID: 460-336309-59

Date Collected: 10/02/25 12:50
Matrix: Solid
Date Received: 10/02/25 16:00
Percent Solids: 91.2

Method: SW846 8260D - Volatile Organic Compounds by GC/MS (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
tert-Butylbenzene	0.0010	U	0.0010	0.00028	mg/Kg	☼	10/06/25 07:28	10/09/25 10:14	1
Tetrachloroethene	0.0010	U	0.0010	0.00031	mg/Kg	☼	10/06/25 07:28	10/09/25 10:14	1
Toluene	0.0010	U	0.0010	0.00023	mg/Kg	☼	10/06/25 07:28	10/09/25 10:14	1
trans-1,2-Dichloroethene	0.0010	U	0.0010	0.00025	mg/Kg	☼	10/06/25 07:28	10/09/25 10:14	1
trans-1,3-Dichloropropene	0.0010	U	0.0010	0.00027	mg/Kg	☼	10/06/25 07:28	10/09/25 10:14	1
Trichloroethene	0.0010	U	0.0010	0.00032	mg/Kg	☼	10/06/25 07:28	10/09/25 10:14	1
Trichlorofluoromethane	0.0010	U	0.0010	0.00041	mg/Kg	☼	10/06/25 07:28	10/09/25 10:14	1
Vinyl chloride	0.0010	U *	0.0010	0.00055	mg/Kg	☼	10/06/25 07:28	10/09/25 10:14	1
Xylenes, Total	0.0020	U	0.0020	0.00017	mg/Kg	☼	10/06/25 07:28	10/09/25 10:14	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,2-Dichloroethane-d4 (Surr)	*117*		*65 - 138*	*10/06/25 07:28*	*10/09/25 10:14*	*1*
4-Bromofluorobenzene	*88*		*71 - 128*	*10/06/25 07:28*	*10/09/25 10:14*	*1*
Dibromofluoromethane (Surr)	*109*		*50 - 150*	*10/06/25 07:28*	*10/09/25 10:14*	*1*
Toluene-d8 (Surr)	*95*		*71 - 126*	*10/06/25 07:28*	*10/09/25 10:14*	*1*

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Percent Moisture (EPA Moisture)	**8.8**		1.0	1.0	%			10/07/25 19:23	1
Percent Solids (EPA Moisture)	**91.2**		1.0	1.0	%			10/07/25 19:23	1

Client Sample ID: 4C1_13-14

Lab Sample ID: 460-336309-60

Date Collected: 10/02/25 12:55
Matrix: Solid
Date Received: 10/02/25 16:00
Percent Solids: 92.6

Method: SW846 8260D - Volatile Organic Compounds by GC/MS

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1-Trichloroethane	0.0011	U	0.0011	0.00025	mg/Kg	☼	10/06/25 07:29	10/07/25 14:44	1
1,1,2,2-Tetrachloroethane	0.0011	U	0.0011	0.00055	mg/Kg	☼	10/06/25 07:29	10/07/25 14:44	1
1,1,2-Trichloro-1,2,2-trifluoroethane	0.0011	U	0.0011	0.00032	mg/Kg	☼	10/06/25 07:29	10/07/25 14:44	1
1,1,2-Trichloroethane	0.0011	U	0.0011	0.00063	mg/Kg	☼	10/06/25 07:29	10/07/25 14:44	1
1,1-Dichloroethane	0.0011	U	0.0011	0.00063	mg/Kg	☼	10/06/25 07:29	10/07/25 14:44	1
1,1-Dichloroethene	0.0011	U	0.0011	0.00024	mg/Kg	☼	10/06/25 07:29	10/07/25 14:44	1
1,2,3-Trichlorobenzene	0.0011	U	0.0011	0.00078	mg/Kg	☼	10/06/25 07:29	10/07/25 14:44	1
1,2,4-Trichlorobenzene	0.0011	U	0.0011	0.00038	mg/Kg	☼	10/06/25 07:29	10/07/25 14:44	1
1,2,4-Trimethylbenzene	0.0011	U	0.0011	0.00026	mg/Kg	☼	10/06/25 07:29	10/07/25 14:44	1
1,2-Dibromo-3-Chloropropane	0.0011	U	0.0011	0.00049	mg/Kg	☼	10/06/25 07:29	10/07/25 14:44	1
1,2-Dichlorobenzene	0.0011	U	0.0011	0.00038	mg/Kg	☼	10/06/25 07:29	10/07/25 14:44	1
1,2-Dichloroethane	0.0011	U	0.0011	0.00031	mg/Kg	☼	10/06/25 07:29	10/07/25 14:44	1
1,2-Dichloropropane	0.0011	U	0.0011	0.00045	mg/Kg	☼	10/06/25 07:29	10/07/25 14:44	1
1,3,5-Trimethylbenzene	0.0011	U	0.0011	0.00033	mg/Kg	☼	10/06/25 07:29	10/07/25 14:44	1
1,3-Dichlorobenzene	0.0011	U	0.0011	0.00039	mg/Kg	☼	10/06/25 07:29	10/07/25 14:44	1
1,4-Dichlorobenzene	0.0011	U	0.0011	0.00055	mg/Kg	☼	10/06/25 07:29	10/07/25 14:44	1
2-Butanone (MEK)	0.0053	U	0.0053	0.00039	mg/Kg	☼	10/06/25 07:29	10/07/25 14:44	1
2-Hexanone	0.0053	U	0.0053	0.0018	mg/Kg	☼	10/06/25 07:29	10/07/25 14:44	1
4-Methyl-2-pentanone (MIBK)	0.0053	U	0.0053	0.0016	mg/Kg	☼	10/06/25 07:29	10/07/25 14:44	1
Acetone	0.0063	U	0.0063	0.0060	mg/Kg	☼	10/06/25 07:29	10/07/25 14:44	1
Benzene	0.0011	U	0.0011	0.00060	mg/Kg	☼	10/06/25 07:29	10/07/25 14:44	1
Bromoform	0.0011	U	0.0011	0.00045	mg/Kg	☼	10/06/25 07:29	10/07/25 14:44	1
Bromomethane	0.0021	U	0.0021	0.0011	mg/Kg	☼	10/06/25 07:29	10/07/25 14:44	1

Client Sample ID: 4C1_13-14
Date Collected: 10/02/25 12:55
Date Received: 10/02/25 16:00

Lab Sample ID: 460-336309-60
Matrix: Solid
Percent Solids: 92.6

Method: SW846 8260D - Volatile Organic Compounds by GC/MS (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Carbon disulfide	0.0011	U	0.0011	0.00028	mg/Kg	☼	10/06/25 07:29	10/07/25 14:44	1
Carbon tetrachloride	0.0011	U	0.0011	0.00041	mg/Kg	☼	10/06/25 07:29	10/07/25 14:44	1
Chlorobenzene	0.0011	U	0.0011	0.00054	mg/Kg	☼	10/06/25 07:29	10/07/25 14:44	1
Chlorobromomethane	0.0011	U	0.0011	0.00063	mg/Kg	☼	10/06/25 07:29	10/07/25 14:44	1
Chlorodibromomethane	0.0011	U	0.0011	0.00057	mg/Kg	☼	10/06/25 07:29	10/07/25 14:44	1
Chloroethane	0.0011	U	0.0011	0.00055	mg/Kg	☼	10/06/25 07:29	10/07/25 14:44	1
Chloroform	0.0011	U	0.0011	0.0010	mg/Kg	☼	10/06/25 07:29	10/07/25 14:44	1
Chloromethane	0.0011	U	0.0011	0.00046	mg/Kg	☼	10/06/25 07:29	10/07/25 14:44	1
cis-1,2-Dichloroethene	0.0011	U	0.0011	0.00038	mg/Kg	☼	10/06/25 07:29	10/07/25 14:44	1
cis-1,3-Dichloropropene	0.0011	U	0.0011	0.00029	mg/Kg	☼	10/06/25 07:29	10/07/25 14:44	1
Cyclohexane	0.0011	U	0.0011	0.00023	mg/Kg	☼	10/06/25 07:29	10/07/25 14:44	1
Dichlorobromomethane	0.0011	U	0.0011	0.00027	mg/Kg	☼	10/06/25 07:29	10/07/25 14:44	1
Dichlorodifluoromethane	0.0011	U *	0.0011	0.00036	mg/Kg	☼	10/06/25 07:29	10/07/25 14:44	1
Ethylbenzene	0.0011	U	0.0011	0.00049	mg/Kg	☼	10/06/25 07:29	10/07/25 14:44	1
Ethylene Dibromide	0.0011	U	0.0011	0.00053	mg/Kg	☼	10/06/25 07:29	10/07/25 14:44	1
Isopropylbenzene	0.0011	U	0.0011	0.00030	mg/Kg	☼	10/06/25 07:29	10/07/25 14:44	1
Methyl acetate	0.0053	U	0.0053	0.0045	mg/Kg	☼	10/06/25 07:29	10/07/25 14:44	1
Methyl tert-butyl ether	0.0011	U	0.0011	0.00054	mg/Kg	☼	10/06/25 07:29	10/07/25 14:44	1
Methylcyclohexane	0.0011	U	0.0011	0.00053	mg/Kg	☼	10/06/25 07:29	10/07/25 14:44	1
Methylene Chloride	**0.0045**		0.0021	0.0012	mg/Kg	☼	10/06/25 07:29	10/07/25 14:44	1
m-Xylene & p-Xylene	0.0011	U	0.0011	0.00045	mg/Kg	☼	10/06/25 07:29	10/07/25 14:44	1
n-Butylbenzene	0.0011	U	0.0011	0.00031	mg/Kg	☼	10/06/25 07:29	10/07/25 14:44	1
N-Propylbenzene	0.0011	U	0.0011	0.00047	mg/Kg	☼	10/06/25 07:29	10/07/25 14:44	1
o-Xylene	0.0011	U	0.0011	0.00049	mg/Kg	☼	10/06/25 07:29	10/07/25 14:44	1
sec-Butylbenzene	0.0011	U	0.0011	0.00030	mg/Kg	☼	10/06/25 07:29	10/07/25 14:44	1
Styrene	0.0011	U	0.0011	0.00029	mg/Kg	☼	10/06/25 07:29	10/07/25 14:44	1
tert-Butylbenzene	0.0011	U	0.0011	0.00029	mg/Kg	☼	10/06/25 07:29	10/07/25 14:44	1
Tetrachloroethene	0.0011	U	0.0011	0.00032	mg/Kg	☼	10/06/25 07:29	10/07/25 14:44	1
Toluene	0.0011	U	0.0011	0.00025	mg/Kg	☼	10/06/25 07:29	10/07/25 14:44	1
trans-1,2-Dichloroethene	0.0011	U	0.0011	0.00026	mg/Kg	☼	10/06/25 07:29	10/07/25 14:44	1
trans-1,3-Dichloropropene	0.0011	U	0.0011	0.00028	mg/Kg	☼	10/06/25 07:29	10/07/25 14:44	1
Trichloroethene	0.0011	U	0.0011	0.00034	mg/Kg	☼	10/06/25 07:29	10/07/25 14:44	1
Trichlorofluoromethane	0.0011	U	0.0011	0.00043	mg/Kg	☼	10/06/25 07:29	10/07/25 14:44	1
Vinyl chloride	0.0011	U	0.0011	0.00058	mg/Kg	☼	10/06/25 07:29	10/07/25 14:44	1
Xylenes, Total	0.0021	U	0.0021	0.00018	mg/Kg	☼	10/06/25 07:29	10/07/25 14:44	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,2-Dichloroethane-d4 (Surr)	*99*		*65 - 138*	*10/06/25 07:29*	*10/07/25 14:44*	*1*
4-Bromofluorobenzene	*93*		*71 - 128*	*10/06/25 07:29*	*10/07/25 14:44*	*1*
Dibromofluoromethane (Surr)	*99*		*50 - 150*	*10/06/25 07:29*	*10/07/25 14:44*	*1*
Toluene-d8 (Surr)	*102*		*71 - 126*	*10/06/25 07:29*	*10/07/25 14:44*	*1*

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Percent Moisture (EPA Moisture)	**7.4**		1.0	1.0	%			10/07/25 19:23	1
Percent Solids (EPA Moisture)	**92.6**		1.0	1.0	%			10/07/25 19:23	1

Client: Haley & Aldrich, Inc.
Project/Site: Former Port Mobil

Job ID: 460-336309-1

Client Sample ID: 4D1_1-2
Date Collected: 10/02/25 13:00
Date Received: 10/02/25 16:00

Lab Sample ID: 460-336309-61
Matrix: Solid
Percent Solids: 93.0

Method: SW846 8260D - Volatile Organic Compounds by GC/MS

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1-Trichloroethane	0.0013	U	0.0013	0.00029	mg/Kg	☼	10/06/25 07:29	10/07/25 15:08	1
1,1,2,2-Tetrachloroethane	0.0013	U	0.0013	0.00065	mg/Kg	☼	10/06/25 07:29	10/07/25 15:08	1
1,1,2-Trichloro-1,2,2-trifluoroethane	0.0013	U	0.0013	0.00038	mg/Kg	☼	10/06/25 07:29	10/07/25 15:08	1
1,1,2-Trichloroethane	0.0013	U	0.0013	0.00075	mg/Kg	☼	10/06/25 07:29	10/07/25 15:08	1
1,1-Dichloroethane	0.0013	U	0.0013	0.00075	mg/Kg	☼	10/06/25 07:29	10/07/25 15:08	1
1,1-Dichloroethene	0.0013	U	0.0013	0.00028	mg/Kg	☼	10/06/25 07:29	10/07/25 15:08	1
1,2,3-Trichlorobenzene	0.0013	U	0.0013	0.00093	mg/Kg	☼	10/06/25 07:29	10/07/25 15:08	1
1,2,4-Trichlorobenzene	0.0013	U	0.0013	0.00045	mg/Kg	☼	10/06/25 07:29	10/07/25 15:08	1
1,2,4-Trimethylbenzene	0.0013	U	0.0013	0.00031	mg/Kg	☼	10/06/25 07:29	10/07/25 15:08	1
1,2-Dibromo-3-Chloropropane	0.0013	U	0.0013	0.00058	mg/Kg	☼	10/06/25 07:29	10/07/25 15:08	1
1,2-Dichlorobenzene	0.0013	U	0.0013	0.00045	mg/Kg	☼	10/06/25 07:29	10/07/25 15:08	1
1,2-Dichloroethane	0.0013	U	0.0013	0.00037	mg/Kg	☼	10/06/25 07:29	10/07/25 15:08	1
1,2-Dichloropropane	0.0013	U	0.0013	0.00053	mg/Kg	☼	10/06/25 07:29	10/07/25 15:08	1
1,3,5-Trimethylbenzene	0.0013	U	0.0013	0.00039	mg/Kg	☼	10/06/25 07:29	10/07/25 15:08	1
1,3-Dichlorobenzene	0.0013	U	0.0013	0.00046	mg/Kg	☼	10/06/25 07:29	10/07/25 15:08	1
1,4-Dichlorobenzene	0.0013	U	0.0013	0.00065	mg/Kg	☼	10/06/25 07:29	10/07/25 15:08	1
2-Butanone (MEK)	0.0063	U	0.0063	0.00046	mg/Kg	☼	10/06/25 07:29	10/07/25 15:08	1
2-Hexanone	0.0063	U	0.0063	0.0021	mg/Kg	☼	10/06/25 07:29	10/07/25 15:08	1
4-Methyl-2-pentanone (MIBK)	0.0063	U	0.0063	0.0020	mg/Kg	☼	10/06/25 07:29	10/07/25 15:08	1
Acetone	**0.029**		0.0075	0.0072	mg/Kg	☼	10/06/25 07:29	10/07/25 15:08	1
Benzene	0.0013	U	0.0013	0.00071	mg/Kg	☼	10/06/25 07:29	10/07/25 15:08	1
Bromoform	0.0013	U	0.0013	0.00053	mg/Kg	☼	10/06/25 07:29	10/07/25 15:08	1
Bromomethane	0.0025	U	0.0025	0.0013	mg/Kg	☼	10/06/25 07:29	10/07/25 15:08	1
Carbon disulfide	0.0013	U	0.0013	0.00033	mg/Kg	☼	10/06/25 07:29	10/07/25 15:08	1
Carbon tetrachloride	0.0013	U	0.0013	0.00049	mg/Kg	☼	10/06/25 07:29	10/07/25 15:08	1
Chlorobenzene	0.0013	U	0.0013	0.00064	mg/Kg	☼	10/06/25 07:29	10/07/25 15:08	1
Chlorobromomethane	0.0013	U	0.0013	0.00075	mg/Kg	☼	10/06/25 07:29	10/07/25 15:08	1
Chlorodibromomethane	0.0013	U	0.0013	0.00067	mg/Kg	☼	10/06/25 07:29	10/07/25 15:08	1
Chloroethane	0.0013	U	0.0013	0.00065	mg/Kg	☼	10/06/25 07:29	10/07/25 15:08	1
Chloroform	0.0013	U	0.0013	0.0012	mg/Kg	☼	10/06/25 07:29	10/07/25 15:08	1
Chloromethane	0.0013	U	0.0013	0.00055	mg/Kg	☼	10/06/25 07:29	10/07/25 15:08	1
cis-1,2-Dichloroethene	0.0013	U	0.0013	0.00045	mg/Kg	☼	10/06/25 07:29	10/07/25 15:08	1
cis-1,3-Dichloropropene	0.0013	U	0.0013	0.00034	mg/Kg	☼	10/06/25 07:29	10/07/25 15:08	1
Cyclohexane	0.0013	U	0.0013	0.00028	mg/Kg	☼	10/06/25 07:29	10/07/25 15:08	1
Dichlorobromomethane	0.0013	U	0.0013	0.00032	mg/Kg	☼	10/06/25 07:29	10/07/25 15:08	1
Dichlorodifluoromethane	0.0013	U *	0.0013	0.00042	mg/Kg	☼	10/06/25 07:29	10/07/25 15:08	1
Ethylbenzene	0.0013	U	0.0013	0.00059	mg/Kg	☼	10/06/25 07:29	10/07/25 15:08	1
Ethylene Dibromide	0.0013	U	0.0013	0.00063	mg/Kg	☼	10/06/25 07:29	10/07/25 15:08	1
Isopropylbenzene	0.0013	U	0.0013	0.00036	mg/Kg	☼	10/06/25 07:29	10/07/25 15:08	1
Methyl acetate	0.0063	U	0.0063	0.0054	mg/Kg	☼	10/06/25 07:29	10/07/25 15:08	1
Methyl tert-butyl ether	0.0013	U	0.0013	0.00064	mg/Kg	☼	10/06/25 07:29	10/07/25 15:08	1
Methylcyclohexane	0.0013	U	0.0013	0.00063	mg/Kg	☼	10/06/25 07:29	10/07/25 15:08	1
Methylene Chloride	0.0025	U	0.0025	0.0014	mg/Kg	☼	10/06/25 07:29	10/07/25 15:08	1
m-Xylene & p-Xylene	0.0013	U	0.0013	0.00053	mg/Kg	☼	10/06/25 07:29	10/07/25 15:08	1
n-Butylbenzene	0.0013	U	0.0013	0.00037	mg/Kg	☼	10/06/25 07:29	10/07/25 15:08	1
N-Propylbenzene	0.0013	U	0.0013	0.00056	mg/Kg	☼	10/06/25 07:29	10/07/25 15:08	1
o-Xylene	0.0013	U	0.0013	0.00058	mg/Kg	☼	10/06/25 07:29	10/07/25 15:08	1
sec-Butylbenzene	0.0013	U	0.0013	0.00036	mg/Kg	☼	10/06/25 07:29	10/07/25 15:08	1
Styrene	0.0013	U	0.0013	0.00035	mg/Kg	☼	10/06/25 07:29	10/07/25 15:08	1

Client Sample ID: 4D1_1-2

Date Collected: 10/02/25 13:00
Date Received: 10/02/25 16:00

Lab Sample ID: 460-336309-61

Matrix: Solid
Percent Solids: 93.0

Method: SW846 8260D - Volatile Organic Compounds by GC/MS (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
tert-Butylbenzene	0.0013	U	0.0013	0.00035	mg/Kg	☼	10/06/25 07:29	10/07/25 15:08	1
Tetrachloroethene	0.0013	U	0.0013	0.00038	mg/Kg	☼	10/06/25 07:29	10/07/25 15:08	1
Toluene	**0.00090**	**J**	0.0013	0.00029	mg/Kg	☼	10/06/25 07:29	10/07/25 15:08	1
trans-1,2-Dichloroethene	0.0013	U	0.0013	0.00031	mg/Kg	☼	10/06/25 07:29	10/07/25 15:08	1
trans-1,3-Dichloropropene	0.0013	U	0.0013	0.00033	mg/Kg	☼	10/06/25 07:29	10/07/25 15:08	1
Trichloroethene	0.0013	U	0.0013	0.00040	mg/Kg	☼	10/06/25 07:29	10/07/25 15:08	1
Trichlorofluoromethane	0.0013	U	0.0013	0.00051	mg/Kg	☼	10/06/25 07:29	10/07/25 15:08	1
Vinyl chloride	0.0013	U	0.0013	0.00068	mg/Kg	☼	10/06/25 07:29	10/07/25 15:08	1
Xylenes, Total	0.0025	U	0.0025	0.00022	mg/Kg	☼	10/06/25 07:29	10/07/25 15:08	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,2-Dichloroethane-d4 (Surr)	*99*		*65 - 138*	*10/06/25 07:29*	*10/07/25 15:08*	*1*
4-Bromofluorobenzene	*98*		*71 - 128*	*10/06/25 07:29*	*10/07/25 15:08*	*1*
Dibromofluoromethane (Surr)	*98*		*50 - 150*	*10/06/25 07:29*	*10/07/25 15:08*	*1*
Toluene-d8 (Surr)	*102*		*71 - 126*	*10/06/25 07:29*	*10/07/25 15:08*	*1*

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Percent Moisture (EPA Moisture)	**7.0**		1.0	1.0	%			10/07/25 19:23	1
Percent Solids (EPA Moisture)	**93.0**		1.0	1.0	%			10/07/25 19:23	1

Client Sample ID: 4D2_2-3

Date Collected: 10/02/25 13:05
Date Received: 10/02/25 16:00

Lab Sample ID: 460-336309-62

Matrix: Solid
Percent Solids: 93.3

Method: SW846 8260D - Volatile Organic Compounds by GC/MS

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1-Trichloroethane	0.0016	U	0.0016	0.00036	mg/Kg	☼	10/06/25 07:29	10/07/25 15:33	1
1,1,2,2-Tetrachloroethane	0.0016	U	0.0016	0.00081	mg/Kg	☼	10/06/25 07:29	10/07/25 15:33	1
1,1,2-Trichloro-1,2,2-trifluoroethane	0.0016	U	0.0016	0.00047	mg/Kg	☼	10/06/25 07:29	10/07/25 15:33	1
1,1,2-Trichloroethane	0.0016	U	0.0016	0.00094	mg/Kg	☼	10/06/25 07:29	10/07/25 15:33	1
1,1-Dichloroethane	0.0016	U	0.0016	0.00093	mg/Kg	☼	10/06/25 07:29	10/07/25 15:33	1
1,1-Dichloroethene	0.0016	U	0.0016	0.00035	mg/Kg	☼	10/06/25 07:29	10/07/25 15:33	1
1,2,3-Trichlorobenzene	0.0016	U	0.0016	0.0011	mg/Kg	☼	10/06/25 07:29	10/07/25 15:33	1
1,2,4-Trichlorobenzene	0.0016	U	0.0016	0.00056	mg/Kg	☼	10/06/25 07:29	10/07/25 15:33	1
1,2,4-Trimethylbenzene	0.0016	U	0.0016	0.00038	mg/Kg	☼	10/06/25 07:29	10/07/25 15:33	1
1,2-Dibromo-3-Chloropropane	0.0016	U	0.0016	0.00072	mg/Kg	☼	10/06/25 07:29	10/07/25 15:33	1
1,2-Dichlorobenzene	0.0016	U	0.0016	0.00056	mg/Kg	☼	10/06/25 07:29	10/07/25 15:33	1
1,2-Dichloroethane	0.0016	U	0.0016	0.00046	mg/Kg	☼	10/06/25 07:29	10/07/25 15:33	1
1,2-Dichloropropane	0.0016	U	0.0016	0.00066	mg/Kg	☼	10/06/25 07:29	10/07/25 15:33	1
1,3,5-Trimethylbenzene	0.0016	U	0.0016	0.00049	mg/Kg	☼	10/06/25 07:29	10/07/25 15:33	1
1,3-Dichlorobenzene	0.0016	U	0.0016	0.00057	mg/Kg	☼	10/06/25 07:29	10/07/25 15:33	1
1,4-Dichlorobenzene	0.0016	U	0.0016	0.00081	mg/Kg	☼	10/06/25 07:29	10/07/25 15:33	1
2-Butanone (MEK)	0.0078	U	0.0078	0.00057	mg/Kg	☼	10/06/25 07:29	10/07/25 15:33	1
2-Hexanone	0.0078	U	0.0078	0.0027	mg/Kg	☼	10/06/25 07:29	10/07/25 15:33	1
4-Methyl-2-pentanone (MIBK)	0.0078	U	0.0078	0.0024	mg/Kg	☼	10/06/25 07:29	10/07/25 15:33	1
Acetone	**0.077**		0.0093	0.0089	mg/Kg	☼	10/06/25 07:29	10/07/25 15:33	1
Benzene	0.0016	U	0.0016	0.00088	mg/Kg	☼	10/06/25 07:29	10/07/25 15:33	1
Bromoform	0.0016	U	0.0016	0.00066	mg/Kg	☼	10/06/25 07:29	10/07/25 15:33	1
Bromomethane	0.0031	U	0.0031	0.0016	mg/Kg	☼	10/06/25 07:29	10/07/25 15:33	1

Client Sample ID: 4D2_2-3
Date Collected: 10/02/25 13:05
Date Received: 10/02/25 16:00

Lab Sample ID: 460-336309-62
Matrix: Solid
Percent Solids: 93.3

Method: SW846 8260D - Volatile Organic Compounds by GC/MS (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Carbon disulfide	0.0016	U	0.0016	0.00041	mg/Kg	☼	10/06/25 07:29	10/07/25 15:33	1
Carbon tetrachloride	0.0016	U	0.0016	0.00060	mg/Kg	☼	10/06/25 07:29	10/07/25 15:33	1
Chlorobenzene	0.0016	U	0.0016	0.00079	mg/Kg	☼	10/06/25 07:29	10/07/25 15:33	1
Chlorobromomethane	0.0016	U	0.0016	0.00093	mg/Kg	☼	10/06/25 07:29	10/07/25 15:33	1
Chlorodibromomethane	0.0016	U	0.0016	0.00084	mg/Kg	☼	10/06/25 07:29	10/07/25 15:33	1
Chloroethane	0.0016	U	0.0016	0.00081	mg/Kg	☼	10/06/25 07:29	10/07/25 15:33	1
Chloroform	0.0016	U	0.0016	0.0015	mg/Kg	☼	10/06/25 07:29	10/07/25 15:33	1
Chloromethane	0.0016	U	0.0016	0.00068	mg/Kg	☼	10/06/25 07:29	10/07/25 15:33	1
cis-1,2-Dichloroethene	0.0016	U	0.0016	0.00056	mg/Kg	☼	10/06/25 07:29	10/07/25 15:33	1
cis-1,3-Dichloropropene	0.0016	U	0.0016	0.00042	mg/Kg	☼	10/06/25 07:29	10/07/25 15:33	1
Cyclohexane	0.0016	U	0.0016	0.00034	mg/Kg	☼	10/06/25 07:29	10/07/25 15:33	1
Dichlorobromomethane	0.0016	U	0.0016	0.00040	mg/Kg	☼	10/06/25 07:29	10/07/25 15:33	1
Dichlorodifluoromethane	0.0016	U *	0.0016	0.00053	mg/Kg	☼	10/06/25 07:29	10/07/25 15:33	1
Ethylbenzene	0.0016	U	0.0016	0.00073	mg/Kg	☼	10/06/25 07:29	10/07/25 15:33	1
Ethylene Dibromide	0.0016	U	0.0016	0.00078	mg/Kg	☼	10/06/25 07:29	10/07/25 15:33	1
Isopropylbenzene	0.0016	U	0.0016	0.00044	mg/Kg	☼	10/06/25 07:29	10/07/25 15:33	1
Methyl acetate	0.0078	U	0.0078	0.0067	mg/Kg	☼	10/06/25 07:29	10/07/25 15:33	1
Methyl tert-butyl ether	0.0016	U	0.0016	0.00080	mg/Kg	☼	10/06/25 07:29	10/07/25 15:33	1
Methylcyclohexane	0.0016	U	0.0016	0.00078	mg/Kg	☼	10/06/25 07:29	10/07/25 15:33	1
Methylene Chloride	0.0031	U	0.0031	0.0018	mg/Kg	☼	10/06/25 07:29	10/07/25 15:33	1
m-Xylene & p-Xylene	0.0016	U	0.0016	0.00066	mg/Kg	☼	10/06/25 07:29	10/07/25 15:33	1
n-Butylbenzene	0.0016	U	0.0016	0.00046	mg/Kg	☼	10/06/25 07:29	10/07/25 15:33	1
N-Propylbenzene	0.0016	U	0.0016	0.00070	mg/Kg	☼	10/06/25 07:29	10/07/25 15:33	1
o-Xylene	0.0016	U	0.0016	0.00072	mg/Kg	☼	10/06/25 07:29	10/07/25 15:33	1
sec-Butylbenzene	0.0016	U	0.0016	0.00045	mg/Kg	☼	10/06/25 07:29	10/07/25 15:33	1
Styrene	0.0016	U	0.0016	0.00043	mg/Kg	☼	10/06/25 07:29	10/07/25 15:33	1
tert-Butylbenzene	0.0016	U	0.0016	0.00043	mg/Kg	☼	10/06/25 07:29	10/07/25 15:33	1
Tetrachloroethene	0.0016	U	0.0016	0.00047	mg/Kg	☼	10/06/25 07:29	10/07/25 15:33	1
Toluene	0.0016	U	0.0016	0.00036	mg/Kg	☼	10/06/25 07:29	10/07/25 15:33	1
trans-1,2-Dichloroethene	0.0016	U	0.0016	0.00038	mg/Kg	☼	10/06/25 07:29	10/07/25 15:33	1
trans-1,3-Dichloropropene	0.0016	U	0.0016	0.00041	mg/Kg	☼	10/06/25 07:29	10/07/25 15:33	1
Trichloroethene	0.0016	U	0.0016	0.00050	mg/Kg	☼	10/06/25 07:29	10/07/25 15:33	1
Trichlorofluoromethane	0.0016	U	0.0016	0.00063	mg/Kg	☼	10/06/25 07:29	10/07/25 15:33	1
Vinyl chloride	0.0016	U	0.0016	0.00085	mg/Kg	☼	10/06/25 07:29	10/07/25 15:33	1
Xylenes, Total	0.0031	U	0.0031	0.00027	mg/Kg	☼	10/06/25 07:29	10/07/25 15:33	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,2-Dichloroethane-d4 (Surr)	*98*		*65 - 138*	*10/06/25 07:29*	*10/07/25 15:33*	*1*
4-Bromofluorobenzene	*95*		*71 - 128*	*10/06/25 07:29*	*10/07/25 15:33*	*1*
Dibromofluoromethane (Surr)	*98*		*50 - 150*	*10/06/25 07:29*	*10/07/25 15:33*	*1*
Toluene-d8 (Surr)	*101*		*71 - 126*	*10/06/25 07:29*	*10/07/25 15:33*	*1*

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Percent Moisture (EPA Moisture)	6.7		1.0	1.0	%			10/07/25 19:23	1
Percent Solids (EPA Moisture)	93.3		1.0	1.0	%			10/07/25 19:23	1

Client: Haley & Aldrich, Inc.
Project/Site: Former Port Mobil

Job ID: 460-336309-1

Client Sample ID: 4D3_4-5
Date Collected: 10/02/25 13:10
Date Received: 10/02/25 16:00

Lab Sample ID: 460-336309-63
Matrix: Solid
Percent Solids: 90.3

Method: SW846 8260D - Volatile Organic Compounds by GC/MS

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1-Trichloroethane	0.0010	U	0.0010	0.00024	mg/Kg	☼	10/06/25 07:30	10/07/25 15:57	1
1,1,2,2-Tetrachloroethane	0.0010	U	0.0010	0.00054	mg/Kg	☼	10/06/25 07:30	10/07/25 15:57	1
1,1,2-Trichloro-1,2,2-trifluoroethane	0.0010	U	0.0010	0.00031	mg/Kg	☼	10/06/25 07:30	10/07/25 15:57	1
1,1,2-Trichloroethane	0.0010	U	0.0010	0.00063	mg/Kg	☼	10/06/25 07:30	10/07/25 15:57	1
1,1-Dichloroethane	0.0010	U	0.0010	0.00062	mg/Kg	☼	10/06/25 07:30	10/07/25 15:57	1
1,1-Dichloroethene	0.0010	U	0.0010	0.00023	mg/Kg	☼	10/06/25 07:30	10/07/25 15:57	1
1,2,3-Trichlorobenzene	0.0010	U	0.0010	0.00077	mg/Kg	☼	10/06/25 07:30	10/07/25 15:57	1
1,2,4-Trichlorobenzene	0.0010	U	0.0010	0.00037	mg/Kg	☼	10/06/25 07:30	10/07/25 15:57	1
1,2,4-Trimethylbenzene	0.0010	U	0.0010	0.00026	mg/Kg	☼	10/06/25 07:30	10/07/25 15:57	1
1,2-Dibromo-3-Chloropropane	0.0010	U	0.0010	0.00048	mg/Kg	☼	10/06/25 07:30	10/07/25 15:57	1
1,2-Dichlorobenzene	0.0010	U	0.0010	0.00038	mg/Kg	☼	10/06/25 07:30	10/07/25 15:57	1
1,2-Dichloroethane	0.0010	U	0.0010	0.00031	mg/Kg	☼	10/06/25 07:30	10/07/25 15:57	1
1,2-Dichloropropane	0.0010	U	0.0010	0.00044	mg/Kg	☼	10/06/25 07:30	10/07/25 15:57	1
1,3,5-Trimethylbenzene	0.0010	U	0.0010	0.00033	mg/Kg	☼	10/06/25 07:30	10/07/25 15:57	1
1,3-Dichlorobenzene	0.0010	U	0.0010	0.00038	mg/Kg	☼	10/06/25 07:30	10/07/25 15:57	1
1,4-Dichlorobenzene	0.0010	U	0.0010	0.00054	mg/Kg	☼	10/06/25 07:30	10/07/25 15:57	1
2-Butanone (MEK)	0.0052	U	0.0052	0.00038	mg/Kg	☼	10/06/25 07:30	10/07/25 15:57	1
2-Hexanone	0.0052	U	0.0052	0.0018	mg/Kg	☼	10/06/25 07:30	10/07/25 15:57	1
4-Methyl-2-pentanone (MIBK)	0.0052	U	0.0052	0.0016	mg/Kg	☼	10/06/25 07:30	10/07/25 15:57	1
Acetone	**0.064**		0.0062	0.0060	mg/Kg	☼	10/06/25 07:30	10/07/25 15:57	1
Benzene	0.0010	U	0.0010	0.00059	mg/Kg	☼	10/06/25 07:30	10/07/25 15:57	1
Bromoform	0.0010	U	0.0010	0.00044	mg/Kg	☼	10/06/25 07:30	10/07/25 15:57	1
Bromomethane	0.0021	U	0.0021	0.0010	mg/Kg	☼	10/06/25 07:30	10/07/25 15:57	1
Carbon disulfide	0.0010	U	0.0010	0.00028	mg/Kg	☼	10/06/25 07:30	10/07/25 15:57	1
Carbon tetrachloride	0.0010	U	0.0010	0.00040	mg/Kg	☼	10/06/25 07:30	10/07/25 15:57	1
Chlorobenzene	0.0010	U	0.0010	0.00053	mg/Kg	☼	10/06/25 07:30	10/07/25 15:57	1
Chlorobromomethane	0.0010	U	0.0010	0.00062	mg/Kg	☼	10/06/25 07:30	10/07/25 15:57	1
Chlorodibromomethane	0.0010	U	0.0010	0.00056	mg/Kg	☼	10/06/25 07:30	10/07/25 15:57	1
Chloroethane	0.0010	U	0.0010	0.00054	mg/Kg	☼	10/06/25 07:30	10/07/25 15:57	1
Chloroform	0.0010	U	0.0010	0.0010	mg/Kg	☼	10/06/25 07:30	10/07/25 15:57	1
Chloromethane	0.0010	U	0.0010	0.00045	mg/Kg	☼	10/06/25 07:30	10/07/25 15:57	1
cis-1,2-Dichloroethene	0.0010	U	0.0010	0.00037	mg/Kg	☼	10/06/25 07:30	10/07/25 15:57	1
cis-1,3-Dichloropropene	0.0010	U	0.0010	0.00028	mg/Kg	☼	10/06/25 07:30	10/07/25 15:57	1
Cyclohexane	0.0010	U	0.0010	0.00023	mg/Kg	☼	10/06/25 07:30	10/07/25 15:57	1
Dichlorobromomethane	0.0010	U	0.0010	0.00027	mg/Kg	☼	10/06/25 07:30	10/07/25 15:57	1
Dichlorodifluoromethane	0.0010	U *	0.0010	0.00035	mg/Kg	☼	10/06/25 07:30	10/07/25 15:57	1
Ethylbenzene	0.0010	U	0.0010	0.00049	mg/Kg	☼	10/06/25 07:30	10/07/25 15:57	1
Ethylene Dibromide	0.0010	U	0.0010	0.00052	mg/Kg	☼	10/06/25 07:30	10/07/25 15:57	1
Isopropylbenzene	0.0010	U	0.0010	0.00030	mg/Kg	☼	10/06/25 07:30	10/07/25 15:57	1
Methyl acetate	0.0052	U	0.0052	0.0045	mg/Kg	☼	10/06/25 07:30	10/07/25 15:57	1
Methyl tert-butyl ether	0.0010	U	0.0010	0.00053	mg/Kg	☼	10/06/25 07:30	10/07/25 15:57	1
Methylcyclohexane	0.0010	U	0.0010	0.00052	mg/Kg	☼	10/06/25 07:30	10/07/25 15:57	1
Methylene Chloride	**0.0018**	**J**	0.0021	0.0012	mg/Kg	☼	10/06/25 07:30	10/07/25 15:57	1
m-Xylene & p-Xylene	0.0010	U	0.0010	0.00044	mg/Kg	☼	10/06/25 07:30	10/07/25 15:57	1
n-Butylbenzene	0.0010	U	0.0010	0.00031	mg/Kg	☼	10/06/25 07:30	10/07/25 15:57	1
N-Propylbenzene	0.0010	U	0.0010	0.00047	mg/Kg	☼	10/06/25 07:30	10/07/25 15:57	1
o-Xylene	0.0010	U	0.0010	0.00048	mg/Kg	☼	10/06/25 07:30	10/07/25 15:57	1
sec-Butylbenzene	0.0010	U	0.0010	0.00030	mg/Kg	☼	10/06/25 07:30	10/07/25 15:57	1
Styrene	0.0010	U	0.0010	0.00029	mg/Kg	☼	10/06/25 07:30	10/07/25 15:57	1

Client Sample ID: 4D3_4-5

Date Collected: 10/02/25 13:10
Date Received: 10/02/25 16:00

Lab Sample ID: 460-336309-63

Matrix: Solid
Percent Solids: 90.3

Method: SW846 8260D - Volatile Organic Compounds by GC/MS (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
tert-Butylbenzene	0.0010	U	0.0010	0.00029	mg/Kg	☼	10/06/25 07:30	10/07/25 15:57	1
Tetrachloroethene	0.0010	U	0.0010	0.00032	mg/Kg	☼	10/06/25 07:30	10/07/25 15:57	1
Toluene	**0.00049**	**J**	0.0010	0.00024	mg/Kg	☼	10/06/25 07:30	10/07/25 15:57	1
trans-1,2-Dichloroethene	0.0010	U	0.0010	0.00026	mg/Kg	☼	10/06/25 07:30	10/07/25 15:57	1
trans-1,3-Dichloropropene	0.0010	U	0.0010	0.00028	mg/Kg	☼	10/06/25 07:30	10/07/25 15:57	1
Trichloroethene	0.0010	U	0.0010	0.00033	mg/Kg	☼	10/06/25 07:30	10/07/25 15:57	1
Trichlorofluoromethane	0.0010	U	0.0010	0.00042	mg/Kg	☼	10/06/25 07:30	10/07/25 15:57	1
Vinyl chloride	0.0010	U	0.0010	0.00057	mg/Kg	☼	10/06/25 07:30	10/07/25 15:57	1
Xylenes, Total	0.0021	U	0.0021	0.00018	mg/Kg	☼	10/06/25 07:30	10/07/25 15:57	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,2-Dichloroethane-d4 (Surr)	*100*		*65 - 138*	*10/06/25 07:30*	*10/07/25 15:57*	*1*
4-Bromofluorobenzene	*96*		*71 - 128*	*10/06/25 07:30*	*10/07/25 15:57*	*1*
Dibromofluoromethane (Surr)	*100*		*50 - 150*	*10/06/25 07:30*	*10/07/25 15:57*	*1*
Toluene-d8 (Surr)	*102*		*71 - 126*	*10/06/25 07:30*	*10/07/25 15:57*	*1*

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Percent Moisture (EPA Moisture)	**9.7**		1.0	1.0	%			10/07/25 19:23	1
Percent Solids (EPA Moisture)	**90.3**		1.0	1.0	%			10/07/25 19:23	1

Client Sample ID: 4D1_6-7

Date Collected: 10/02/25 13:15
Date Received: 10/02/25 16:00

Lab Sample ID: 460-336309-64

Matrix: Solid
Percent Solids: 92.4

Method: SW846 8260D - Volatile Organic Compounds by GC/MS

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1-Trichloroethane	0.00092	U	0.00092	0.00021	mg/Kg	☼	10/06/25 07:30	10/07/25 16:21	1
1,1,2,2-Tetrachloroethane	0.00092	U	0.00092	0.00048	mg/Kg	☼	10/06/25 07:30	10/07/25 16:21	1
1,1,2-Trichloro-1,2,2-trifluoroethane	0.00092	U	0.00092	0.00028	mg/Kg	☼	10/06/25 07:30	10/07/25 16:21	1
1,1,2-Trichloroethane	0.00092	U	0.00092	0.00055	mg/Kg	☼	10/06/25 07:30	10/07/25 16:21	1
1,1-Dichloroethane	0.00092	U	0.00092	0.00055	mg/Kg	☼	10/06/25 07:30	10/07/25 16:21	1
1,1-Dichloroethene	0.00092	U	0.00092	0.00021	mg/Kg	☼	10/06/25 07:30	10/07/25 16:21	1
1,2,3-Trichlorobenzene	0.00092	U	0.00092	0.00068	mg/Kg	☼	10/06/25 07:30	10/07/25 16:21	1
1,2,4-Trichlorobenzene	0.00092	U	0.00092	0.00033	mg/Kg	☼	10/06/25 07:30	10/07/25 16:21	1
1,2,4-Trimethylbenzene	0.00092	U	0.00092	0.00023	mg/Kg	☼	10/06/25 07:30	10/07/25 16:21	1
1,2-Dibromo-3-Chloropropane	0.00092	U	0.00092	0.00042	mg/Kg	☼	10/06/25 07:30	10/07/25 16:21	1
1,2-Dichlorobenzene	0.00092	U	0.00092	0.00033	mg/Kg	☼	10/06/25 07:30	10/07/25 16:21	1
1,2-Dichloroethane	0.00092	U	0.00092	0.00027	mg/Kg	☼	10/06/25 07:30	10/07/25 16:21	1
1,2-Dichloropropane	0.00092	U	0.00092	0.00039	mg/Kg	☼	10/06/25 07:30	10/07/25 16:21	1
1,3,5-Trimethylbenzene	0.00092	U	0.00092	0.00029	mg/Kg	☼	10/06/25 07:30	10/07/25 16:21	1
1,3-Dichlorobenzene	0.00092	U	0.00092	0.00033	mg/Kg	☼	10/06/25 07:30	10/07/25 16:21	1
1,4-Dichlorobenzene	0.00092	U	0.00092	0.00048	mg/Kg	☼	10/06/25 07:30	10/07/25 16:21	1
2-Butanone (MEK)	0.0046	U	0.0046	0.00034	mg/Kg	☼	10/06/25 07:30	10/07/25 16:21	1
2-Hexanone	0.0046	U	0.0046	0.0016	mg/Kg	☼	10/06/25 07:30	10/07/25 16:21	1
4-Methyl-2-pentanone (MIBK)	0.0046	U	0.0046	0.0014	mg/Kg	☼	10/06/25 07:30	10/07/25 16:21	1
Acetone	**0.11**		0.0055	0.0052	mg/Kg	☼	10/06/25 07:30	10/07/25 16:21	1
Benzene	0.00092	U	0.00092	0.00052	mg/Kg	☼	10/06/25 07:30	10/07/25 16:21	1
Bromoform	0.00092	U	0.00092	0.00039	mg/Kg	☼	10/06/25 07:30	10/07/25 16:21	1
Bromomethane	0.0018	U	0.0018	0.00092	mg/Kg	☼	10/06/25 07:30	10/07/25 16:21	1

Client Sample ID: 4D1_6-7
Date Collected: 10/02/25 13:15
Date Received: 10/02/25 16:00

Lab Sample ID: 460-336309-64
Matrix: Solid
Percent Solids: 92.4

Method: SW846 8260D - Volatile Organic Compounds by GC/MS (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Carbon disulfide	0.00092	U	0.00092	0.00024	mg/Kg	☼	10/06/25 07:30	10/07/25 16:21	1
Carbon tetrachloride	0.00092	U	0.00092	0.00035	mg/Kg	☼	10/06/25 07:30	10/07/25 16:21	1
Chlorobenzene	0.00092	U	0.00092	0.00047	mg/Kg	☼	10/06/25 07:30	10/07/25 16:21	1
Chlorobromomethane	0.00092	U	0.00092	0.00055	mg/Kg	☼	10/06/25 07:30	10/07/25 16:21	1
Chlorodibromomethane	0.00092	U	0.00092	0.00049	mg/Kg	☼	10/06/25 07:30	10/07/25 16:21	1
Chloroethane	0.00092	U	0.00092	0.00048	mg/Kg	☼	10/06/25 07:30	10/07/25 16:21	1
Chloroform	0.00092	U	0.00092	0.00089	mg/Kg	☼	10/06/25 07:30	10/07/25 16:21	1
Chloromethane	0.00092	U	0.00092	0.00040	mg/Kg	☼	10/06/25 07:30	10/07/25 16:21	1
cis-1,2-Dichloroethene	0.00092	U	0.00092	0.00033	mg/Kg	☼	10/06/25 07:30	10/07/25 16:21	1
cis-1,3-Dichloropropene	0.00092	U	0.00092	0.00025	mg/Kg	☼	10/06/25 07:30	10/07/25 16:21	1
Cyclohexane	0.00092	U	0.00092	0.00020	mg/Kg	☼	10/06/25 07:30	10/07/25 16:21	1
Dichlorobromomethane	0.00092	U	0.00092	0.00024	mg/Kg	☼	10/06/25 07:30	10/07/25 16:21	1
Dichlorodifluoromethane	0.00092	U *	0.00092	0.00031	mg/Kg	☼	10/06/25 07:30	10/07/25 16:21	1
Ethylbenzene	0.00092	U	0.00092	0.00043	mg/Kg	☼	10/06/25 07:30	10/07/25 16:21	1
Ethylene Dibromide	0.00092	U	0.00092	0.00046	mg/Kg	☼	10/06/25 07:30	10/07/25 16:21	1
Isopropylbenzene	0.00092	U	0.00092	0.00026	mg/Kg	☼	10/06/25 07:30	10/07/25 16:21	1
Methyl acetate	0.0046	U	0.0046	0.0039	mg/Kg	☼	10/06/25 07:30	10/07/25 16:21	1
Methyl tert-butyl ether	0.00092	U	0.00092	0.00047	mg/Kg	☼	10/06/25 07:30	10/07/25 16:21	1
Methylcyclohexane	0.00092	U	0.00092	0.00046	mg/Kg	☼	10/06/25 07:30	10/07/25 16:21	1
Methylene Chloride	0.0018	U	0.0018	0.0011	mg/Kg	☼	10/06/25 07:30	10/07/25 16:21	1
m-Xylene & p-Xylene	0.00092	U	0.00092	0.00039	mg/Kg	☼	10/06/25 07:30	10/07/25 16:21	1
n-Butylbenzene	0.00092	U	0.00092	0.00027	mg/Kg	☼	10/06/25 07:30	10/07/25 16:21	1
N-Propylbenzene	0.00092	U	0.00092	0.00041	mg/Kg	☼	10/06/25 07:30	10/07/25 16:21	1
o-Xylene	0.00092	U	0.00092	0.00042	mg/Kg	☼	10/06/25 07:30	10/07/25 16:21	1
sec-Butylbenzene	0.00092	U	0.00092	0.00026	mg/Kg	☼	10/06/25 07:30	10/07/25 16:21	1
Styrene	0.00092	U	0.00092	0.00025	mg/Kg	☼	10/06/25 07:30	10/07/25 16:21	1
tert-Butylbenzene	0.00092	U	0.00092	0.00025	mg/Kg	☼	10/06/25 07:30	10/07/25 16:21	1
Tetrachloroethene	0.00092	U	0.00092	0.00028	mg/Kg	☼	10/06/25 07:30	10/07/25 16:21	1
Toluene	0.00092	U	0.00092	0.00021	mg/Kg	☼	10/06/25 07:30	10/07/25 16:21	1
trans-1,2-Dichloroethene	0.00092	U	0.00092	0.00023	mg/Kg	☼	10/06/25 07:30	10/07/25 16:21	1
trans-1,3-Dichloropropene	0.00092	U	0.00092	0.00024	mg/Kg	☼	10/06/25 07:30	10/07/25 16:21	1
Trichloroethene	0.00092	U	0.00092	0.00029	mg/Kg	☼	10/06/25 07:30	10/07/25 16:21	1
Trichlorofluoromethane	0.00092	U	0.00092	0.00037	mg/Kg	☼	10/06/25 07:30	10/07/25 16:21	1
Vinyl chloride	0.00092	U	0.00092	0.00050	mg/Kg	☼	10/06/25 07:30	10/07/25 16:21	1
Xylenes, Total	0.0018	U	0.0018	0.00016	mg/Kg	☼	10/06/25 07:30	10/07/25 16:21	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,2-Dichloroethane-d4 (Surr)	*99*		*65 - 138*	*10/06/25 07:30*	*10/07/25 16:21*	*1*
4-Bromofluorobenzene	*101*		*71 - 128*	*10/06/25 07:30*	*10/07/25 16:21*	*1*
Dibromofluoromethane (Surr)	*99*		*50 - 150*	*10/06/25 07:30*	*10/07/25 16:21*	*1*
Toluene-d8 (Surr)	*104*		*71 - 126*	*10/06/25 07:30*	*10/07/25 16:21*	*1*

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Percent Moisture (EPA Moisture)	**7.6**		1.0	1.0	%			10/07/25 19:23	1
Percent Solids (EPA Moisture)	**92.4**		1.0	1.0	%			10/07/25 19:23	1

Client: Haley & Aldrich, Inc.
Project/Site: Former Port Mobil

Job ID: 460-336309-1

Client Sample ID: 4D2_7-8
Date Collected: 10/02/25 13:20
Date Received: 10/02/25 16:00

Lab Sample ID: 460-336309-65
Matrix: Solid
Percent Solids: 93.0

Method: SW846 8260D - Volatile Organic Compounds by GC/MS

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1-Trichloroethane	0.00069	U	0.00069	0.00016	mg/Kg	☼	10/06/25 07:30	10/07/25 16:45	1
1,1,2,2-Tetrachloroethane	0.00069	U	0.00069	0.00036	mg/Kg	☼	10/06/25 07:30	10/07/25 16:45	1
1,1,2-Trichloro-1,2,2-trifluoroethane	0.00069	U	0.00069	0.00021	mg/Kg	☼	10/06/25 07:30	10/07/25 16:45	1
1,1,2-Trichloroethane	0.00069	U	0.00069	0.00042	mg/Kg	☼	10/06/25 07:30	10/07/25 16:45	1
1,1-Dichloroethane	0.00069	U	0.00069	0.00041	mg/Kg	☼	10/06/25 07:30	10/07/25 16:45	1
1,1-Dichloroethene	0.00069	U	0.00069	0.00016	mg/Kg	☼	10/06/25 07:30	10/07/25 16:45	1
1,2,3-Trichlorobenzene	0.00069	U	0.00069	0.00051	mg/Kg	☼	10/06/25 07:30	10/07/25 16:45	1
1,2,4-Trichlorobenzene	0.00069	U	0.00069	0.00025	mg/Kg	☼	10/06/25 07:30	10/07/25 16:45	1
1,2,4-Trimethylbenzene	0.00069	U	0.00069	0.00017	mg/Kg	☼	10/06/25 07:30	10/07/25 16:45	1
1,2-Dibromo-3-Chloropropane	0.00069	U	0.00069	0.00032	mg/Kg	☼	10/06/25 07:30	10/07/25 16:45	1
1,2-Dichlorobenzene	0.00069	U	0.00069	0.00025	mg/Kg	☼	10/06/25 07:30	10/07/25 16:45	1
1,2-Dichloroethane	0.00069	U	0.00069	0.00020	mg/Kg	☼	10/06/25 07:30	10/07/25 16:45	1
1,2-Dichloropropane	0.00069	U	0.00069	0.00029	mg/Kg	☼	10/06/25 07:30	10/07/25 16:45	1
1,3,5-Trimethylbenzene	0.00069	U	0.00069	0.00022	mg/Kg	☼	10/06/25 07:30	10/07/25 16:45	1
1,3-Dichlorobenzene	0.00069	U	0.00069	0.00025	mg/Kg	☼	10/06/25 07:30	10/07/25 16:45	1
1,4-Dichlorobenzene	0.00069	U	0.00069	0.00036	mg/Kg	☼	10/06/25 07:30	10/07/25 16:45	1
2-Butanone (MEK)	0.0035	U	0.0035	0.00025	mg/Kg	☼	10/06/25 07:30	10/07/25 16:45	1
2-Hexanone	0.0035	U	0.0035	0.0012	mg/Kg	☼	10/06/25 07:30	10/07/25 16:45	1
4-Methyl-2-pentanone (MIBK)	0.0035	U	0.0035	0.0011	mg/Kg	☼	10/06/25 07:30	10/07/25 16:45	1
Acetone	0.0041	U	0.0041	0.0040	mg/Kg	☼	10/06/25 07:30	10/07/25 16:45	1
Benzene	0.00069	U	0.00069	0.00039	mg/Kg	☼	10/06/25 07:30	10/07/25 16:45	1
Bromoform	0.00069	U	0.00069	0.00029	mg/Kg	☼	10/06/25 07:30	10/07/25 16:45	1
Bromomethane	0.0014	U	0.0014	0.00069	mg/Kg	☼	10/06/25 07:30	10/07/25 16:45	1
Carbon disulfide	0.00069	U	0.00069	0.00018	mg/Kg	☼	10/06/25 07:30	10/07/25 16:45	1
Carbon tetrachloride	0.00069	U	0.00069	0.00027	mg/Kg	☼	10/06/25 07:30	10/07/25 16:45	1
Chlorobenzene	0.00069	U	0.00069	0.00035	mg/Kg	☼	10/06/25 07:30	10/07/25 16:45	1
Chlorobromomethane	0.00069	U	0.00069	0.00041	mg/Kg	☼	10/06/25 07:30	10/07/25 16:45	1
Chlorodibromomethane	0.00069	U	0.00069	0.00037	mg/Kg	☼	10/06/25 07:30	10/07/25 16:45	1
Chloroethane	0.00069	U	0.00069	0.00036	mg/Kg	☼	10/06/25 07:30	10/07/25 16:45	1
Chloroform	0.00069	U	0.00069	0.00067	mg/Kg	☼	10/06/25 07:30	10/07/25 16:45	1
Chloromethane	0.00069	U	0.00069	0.00030	mg/Kg	☼	10/06/25 07:30	10/07/25 16:45	1
cis-1,2-Dichloroethene	0.00069	U	0.00069	0.00025	mg/Kg	☼	10/06/25 07:30	10/07/25 16:45	1
cis-1,3-Dichloropropene	0.00069	U	0.00069	0.00019	mg/Kg	☼	10/06/25 07:30	10/07/25 16:45	1
Cyclohexane	0.00069	U	0.00069	0.00015	mg/Kg	☼	10/06/25 07:30	10/07/25 16:45	1
Dichlorobromomethane	0.00069	U	0.00069	0.00018	mg/Kg	☼	10/06/25 07:30	10/07/25 16:45	1
Dichlorodifluoromethane	0.00069	U *	0.00069	0.00023	mg/Kg	☼	10/06/25 07:30	10/07/25 16:45	1
Ethylbenzene	0.00069	U	0.00069	0.00032	mg/Kg	☼	10/06/25 07:30	10/07/25 16:45	1
Ethylene Dibromide	0.00069	U	0.00069	0.00035	mg/Kg	☼	10/06/25 07:30	10/07/25 16:45	1
Isopropylbenzene	0.00069	U	0.00069	0.00020	mg/Kg	☼	10/06/25 07:30	10/07/25 16:45	1
Methyl acetate	0.0035	U	0.0035	0.0030	mg/Kg	☼	10/06/25 07:30	10/07/25 16:45	1
Methyl tert-butyl ether	0.00069	U	0.00069	0.00035	mg/Kg	☼	10/06/25 07:30	10/07/25 16:45	1
Methylcyclohexane	0.00069	U	0.00069	0.00034	mg/Kg	☼	10/06/25 07:30	10/07/25 16:45	1
Methylene Chloride	0.0014	U	0.0014	0.00079	mg/Kg	☼	10/06/25 07:30	10/07/25 16:45	1
m-Xylene & p-Xylene	0.00069	U	0.00069	0.00029	mg/Kg	☼	10/06/25 07:30	10/07/25 16:45	1
n-Butylbenzene	0.00069	U	0.00069	0.00020	mg/Kg	☼	10/06/25 07:30	10/07/25 16:45	1
N-Propylbenzene	0.00069	U	0.00069	0.00031	mg/Kg	☼	10/06/25 07:30	10/07/25 16:45	1
o-Xylene	0.00069	U	0.00069	0.00032	mg/Kg	☼	10/06/25 07:30	10/07/25 16:45	1
sec-Butylbenzene	0.00069	U	0.00069	0.00020	mg/Kg	☼	10/06/25 07:30	10/07/25 16:45	1
Styrene	0.00069	U	0.00069	0.00019	mg/Kg	☼	10/06/25 07:30	10/07/25 16:45	1

Client Sample ID: 4D2_7-8

Lab Sample ID: 460-336309-65

Date Collected: 10/02/25 13:20

Matrix: Solid

Date Received: 10/02/25 16:00

Percent Solids: 93.0

Method: SW846 8260D - Volatile Organic Compounds by GC/MS (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
tert-Butylbenzene	0.00069	U	0.00069	0.00019	mg/Kg	☼	10/06/25 07:30	10/07/25 16:45	1
Tetrachloroethene	0.00069	U	0.00069	0.00021	mg/Kg	☼	10/06/25 07:30	10/07/25 16:45	1
Toluene	0.00069	U	0.00069	0.00016	mg/Kg	☼	10/06/25 07:30	10/07/25 16:45	1
trans-1,2-Dichloroethene	0.00069	U	0.00069	0.00017	mg/Kg	☼	10/06/25 07:30	10/07/25 16:45	1
trans-1,3-Dichloropropene	0.00069	U	0.00069	0.00018	mg/Kg	☼	10/06/25 07:30	10/07/25 16:45	1
Trichloroethene	0.00069	U	0.00069	0.00022	mg/Kg	☼	10/06/25 07:30	10/07/25 16:45	1
Trichlorofluoromethane	0.00069	U	0.00069	0.00028	mg/Kg	☼	10/06/25 07:30	10/07/25 16:45	1
Vinyl chloride	0.00069	U	0.00069	0.00038	mg/Kg	☼	10/06/25 07:30	10/07/25 16:45	1
Xylenes, Total	0.0014	U	0.0014	0.00012	mg/Kg	☼	10/06/25 07:30	10/07/25 16:45	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,2-Dichloroethane-d4 (Surr)	*96*		*65 - 138*	*10/06/25 07:30*	*10/07/25 16:45*	*1*
4-Bromofluorobenzene	*98*		*71 - 128*	*10/06/25 07:30*	*10/07/25 16:45*	*1*
Dibromofluoromethane (Surr)	*96*		*50 - 150*	*10/06/25 07:30*	*10/07/25 16:45*	*1*
Toluene-d8 (Surr)	*103*		*71 - 126*	*10/06/25 07:30*	*10/07/25 16:45*	*1*

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Percent Moisture (EPA Moisture)	**7.0**		1.0	1.0	%			10/07/25 19:23	1
Percent Solids (EPA Moisture)	**93.0**		1.0	1.0	%			10/07/25 19:23	1

Client Sample ID: 4D3_9-10

Lab Sample ID: 460-336309-66

Date Collected: 10/02/25 13:25

Matrix: Solid

Date Received: 10/02/25 16:00

Percent Solids: 89.3

Method: SW846 8260D - Volatile Organic Compounds by GC/MS

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1-Trichloroethane	0.00092	U	0.00092	0.00021	mg/Kg	☼	10/06/25 07:31	10/07/25 17:09	1
1,1,2,2-Tetrachloroethane	0.00092	U	0.00092	0.00048	mg/Kg	☼	10/06/25 07:31	10/07/25 17:09	1
1,1,2-Trichloro-1,2,2-trifluoroethane	0.00092	U	0.00092	0.00028	mg/Kg	☼	10/06/25 07:31	10/07/25 17:09	1
1,1,2-Trichloroethane	0.00092	U	0.00092	0.00055	mg/Kg	☼	10/06/25 07:31	10/07/25 17:09	1
1,1-Dichloroethane	0.00092	U	0.00092	0.00055	mg/Kg	☼	10/06/25 07:31	10/07/25 17:09	1
1,1-Dichloroethene	0.00092	U	0.00092	0.00021	mg/Kg	☼	10/06/25 07:31	10/07/25 17:09	1
1,2,3-Trichlorobenzene	0.00092	U	0.00092	0.00068	mg/Kg	☼	10/06/25 07:31	10/07/25 17:09	1
1,2,4-Trichlorobenzene	0.00092	U	0.00092	0.00033	mg/Kg	☼	10/06/25 07:31	10/07/25 17:09	1
1,2,4-Trimethylbenzene	0.00092	U	0.00092	0.00023	mg/Kg	☼	10/06/25 07:31	10/07/25 17:09	1
1,2-Dibromo-3-Chloropropane	0.00092	U	0.00092	0.00042	mg/Kg	☼	10/06/25 07:31	10/07/25 17:09	1
1,2-Dichlorobenzene	0.00092	U	0.00092	0.00033	mg/Kg	☼	10/06/25 07:31	10/07/25 17:09	1
1,2-Dichloroethane	0.00092	U	0.00092	0.00027	mg/Kg	☼	10/06/25 07:31	10/07/25 17:09	1
1,2-Dichloropropane	0.00092	U	0.00092	0.00039	mg/Kg	☼	10/06/25 07:31	10/07/25 17:09	1
1,3,5-Trimethylbenzene	0.00092	U	0.00092	0.00029	mg/Kg	☼	10/06/25 07:31	10/07/25 17:09	1
1,3-Dichlorobenzene	0.00092	U	0.00092	0.00034	mg/Kg	☼	10/06/25 07:31	10/07/25 17:09	1
1,4-Dichlorobenzene	0.00092	U	0.00092	0.00048	mg/Kg	☼	10/06/25 07:31	10/07/25 17:09	1
2-Butanone (MEK)	0.0046	U	0.0046	0.00034	mg/Kg	☼	10/06/25 07:31	10/07/25 17:09	1
2-Hexanone	0.0046	U	0.0046	0.0016	mg/Kg	☼	10/06/25 07:31	10/07/25 17:09	1
4-Methyl-2-pentanone (MIBK)	0.0046	U	0.0046	0.0014	mg/Kg	☼	10/06/25 07:31	10/07/25 17:09	1
Acetone	0.0055	U	0.0055	0.0053	mg/Kg	☼	10/06/25 07:31	10/07/25 17:09	1
Benzene	0.00092	U	0.00092	0.00052	mg/Kg	☼	10/06/25 07:31	10/07/25 17:09	1
Bromoform	0.00092	U	0.00092	0.00039	mg/Kg	☼	10/06/25 07:31	10/07/25 17:09	1
Bromomethane	0.0018	U	0.0018	0.00092	mg/Kg	☼	10/06/25 07:31	10/07/25 17:09	1

Client Sample ID: 4D3_9-10
Date Collected: 10/02/25 13:25
Date Received: 10/02/25 16:00

Lab Sample ID: 460-336309-66
Matrix: Solid
Percent Solids: 89.3

Method: SW846 8260D - Volatile Organic Compounds by GC/MS (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Carbon disulfide	0.00092	U	0.00092	0.00024	mg/Kg	☼	10/06/25 07:31	10/07/25 17:09	1
Carbon tetrachloride	0.00092	U	0.00092	0.00036	mg/Kg	☼	10/06/25 07:31	10/07/25 17:09	1
Chlorobenzene	0.00092	U	0.00092	0.00047	mg/Kg	☼	10/06/25 07:31	10/07/25 17:09	1
Chlorobromomethane	0.00092	U	0.00092	0.00055	mg/Kg	☼	10/06/25 07:31	10/07/25 17:09	1
Chlorodibromomethane	0.00092	U	0.00092	0.00049	mg/Kg	☼	10/06/25 07:31	10/07/25 17:09	1
Chloroethane	0.00092	U	0.00092	0.00048	mg/Kg	☼	10/06/25 07:31	10/07/25 17:09	1
Chloroform	0.00092	U	0.00092	0.00089	mg/Kg	☼	10/06/25 07:31	10/07/25 17:09	1
Chloromethane	0.00092	U	0.00092	0.00040	mg/Kg	☼	10/06/25 07:31	10/07/25 17:09	1
cis-1,2-Dichloroethene	0.00092	U	0.00092	0.00033	mg/Kg	☼	10/06/25 07:31	10/07/25 17:09	1
cis-1,3-Dichloropropene	0.00092	U	0.00092	0.00025	mg/Kg	☼	10/06/25 07:31	10/07/25 17:09	1
Cyclohexane	0.00092	U	0.00092	0.00020	mg/Kg	☼	10/06/25 07:31	10/07/25 17:09	1
Dichlorobromomethane	0.00092	U	0.00092	0.00024	mg/Kg	☼	10/06/25 07:31	10/07/25 17:09	1
Dichlorodifluoromethane	0.00092	U *	0.00092	0.00031	mg/Kg	☼	10/06/25 07:31	10/07/25 17:09	1
Ethylbenzene	0.00092	U	0.00092	0.00043	mg/Kg	☼	10/06/25 07:31	10/07/25 17:09	1
Ethylene Dibromide	0.00092	U	0.00092	0.00046	mg/Kg	☼	10/06/25 07:31	10/07/25 17:09	1
Isopropylbenzene	0.00092	U	0.00092	0.00026	mg/Kg	☼	10/06/25 07:31	10/07/25 17:09	1
Methyl acetate	0.0046	U	0.0046	0.0040	mg/Kg	☼	10/06/25 07:31	10/07/25 17:09	1
Methyl tert-butyl ether	0.00092	U	0.00092	0.00047	mg/Kg	☼	10/06/25 07:31	10/07/25 17:09	1
Methylcyclohexane	0.00092	U	0.00092	0.00046	mg/Kg	☼	10/06/25 07:31	10/07/25 17:09	1
Methylene Chloride	0.0018	U	0.0018	0.0011	mg/Kg	☼	10/06/25 07:31	10/07/25 17:09	1
m-Xylene & p-Xylene	0.00092	U	0.00092	0.00039	mg/Kg	☼	10/06/25 07:31	10/07/25 17:09	1
n-Butylbenzene	0.00092	U	0.00092	0.00027	mg/Kg	☼	10/06/25 07:31	10/07/25 17:09	1
N-Propylbenzene	0.00092	U	0.00092	0.00041	mg/Kg	☼	10/06/25 07:31	10/07/25 17:09	1
o-Xylene	0.00092	U	0.00092	0.00042	mg/Kg	☼	10/06/25 07:31	10/07/25 17:09	1
sec-Butylbenzene	0.00092	U	0.00092	0.00026	mg/Kg	☼	10/06/25 07:31	10/07/25 17:09	1
Styrene	0.00092	U	0.00092	0.00026	mg/Kg	☼	10/06/25 07:31	10/07/25 17:09	1
tert-Butylbenzene	0.00092	U	0.00092	0.00025	mg/Kg	☼	10/06/25 07:31	10/07/25 17:09	1
Tetrachloroethene	0.00092	U	0.00092	0.00028	mg/Kg	☼	10/06/25 07:31	10/07/25 17:09	1
Toluene	0.00092	U	0.00092	0.00022	mg/Kg	☼	10/06/25 07:31	10/07/25 17:09	1
trans-1,2-Dichloroethene	0.00092	U	0.00092	0.00023	mg/Kg	☼	10/06/25 07:31	10/07/25 17:09	1
trans-1,3-Dichloropropene	0.00092	U	0.00092	0.00024	mg/Kg	☼	10/06/25 07:31	10/07/25 17:09	1
Trichloroethene	0.00092	U	0.00092	0.00030	mg/Kg	☼	10/06/25 07:31	10/07/25 17:09	1
Trichlorofluoromethane	0.00092	U	0.00092	0.00037	mg/Kg	☼	10/06/25 07:31	10/07/25 17:09	1
Vinyl chloride	0.00092	U	0.00092	0.00050	mg/Kg	☼	10/06/25 07:31	10/07/25 17:09	1
Xylenes, Total	0.0018	U	0.0018	0.00016	mg/Kg	☼	10/06/25 07:31	10/07/25 17:09	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,2-Dichloroethane-d4 (Surr)	*97*		*65 - 138*	*10/06/25 07:31*	*10/07/25 17:09*	*1*
4-Bromofluorobenzene	*96*		*71 - 128*	*10/06/25 07:31*	*10/07/25 17:09*	*1*
Dibromofluoromethane (Surr)	*96*		*50 - 150*	*10/06/25 07:31*	*10/07/25 17:09*	*1*
Toluene-d8 (Surr)	*103*		*71 - 126*	*10/06/25 07:31*	*10/07/25 17:09*	*1*

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Percent Moisture (EPA Moisture)	10.7		1.0	1.0	%			10/07/25 19:23	1
Percent Solids (EPA Moisture)	89.3		1.0	1.0	%			10/07/25 19:23	1

Client: Haley & Aldrich, Inc.
Project/Site: Former Port Mobil

Job ID: 460-336309-1

Client Sample ID: 4D1_11-12
Date Collected: 10/02/25 13:30
Date Received: 10/02/25 16:00

Lab Sample ID: 460-336309-67
Matrix: Solid
Percent Solids: 93.0

Method: SW846 8260D - Volatile Organic Compounds by GC/MS

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1-Trichloroethane	0.0011	U	0.0011	0.00026	mg/Kg	☼	10/06/25 07:31	10/07/25 17:34	1
1,1,2,2-Tetrachloroethane	0.0011	U	0.0011	0.00058	mg/Kg	☼	10/06/25 07:31	10/07/25 17:34	1
1,1,2-Trichloro-1,2,2-trifluoroethane	0.0011	U	0.0011	0.00033	mg/Kg	☼	10/06/25 07:31	10/07/25 17:34	1
1,1,2-Trichloroethane	0.0011	U	0.0011	0.00067	mg/Kg	☼	10/06/25 07:31	10/07/25 17:34	1
1,1-Dichloroethane	0.0011	U	0.0011	0.00066	mg/Kg	☼	10/06/25 07:31	10/07/25 17:34	1
1,1-Dichloroethene	0.0011	U	0.0011	0.00025	mg/Kg	☼	10/06/25 07:31	10/07/25 17:34	1
1,2,3-Trichlorobenzene	0.0011	U	0.0011	0.00082	mg/Kg	☼	10/06/25 07:31	10/07/25 17:34	1
1,2,4-Trichlorobenzene	0.0011	U	0.0011	0.00040	mg/Kg	☼	10/06/25 07:31	10/07/25 17:34	1
1,2,4-Trimethylbenzene	0.0011	U	0.0011	0.00027	mg/Kg	☼	10/06/25 07:31	10/07/25 17:34	1
1,2-Dibromo-3-Chloropropane	0.0011	U	0.0011	0.00051	mg/Kg	☼	10/06/25 07:31	10/07/25 17:34	1
1,2-Dichlorobenzene	0.0011	U	0.0011	0.00040	mg/Kg	☼	10/06/25 07:31	10/07/25 17:34	1
1,2-Dichloroethane	0.0011	U	0.0011	0.00033	mg/Kg	☼	10/06/25 07:31	10/07/25 17:34	1
1,2-Dichloropropane	0.0011	U	0.0011	0.00047	mg/Kg	☼	10/06/25 07:31	10/07/25 17:34	1
1,3,5-Trimethylbenzene	0.0011	U	0.0011	0.00035	mg/Kg	☼	10/06/25 07:31	10/07/25 17:34	1
1,3-Dichlorobenzene	0.0011	U	0.0011	0.00040	mg/Kg	☼	10/06/25 07:31	10/07/25 17:34	1
1,4-Dichlorobenzene	0.0011	U	0.0011	0.00058	mg/Kg	☼	10/06/25 07:31	10/07/25 17:34	1
2-Butanone (MEK)	0.0055	U	0.0055	0.00041	mg/Kg	☼	10/06/25 07:31	10/07/25 17:34	1
2-Hexanone	0.0055	U	0.0055	0.0019	mg/Kg	☼	10/06/25 07:31	10/07/25 17:34	1
4-Methyl-2-pentanone (MIBK)	0.0055	U	0.0055	0.0017	mg/Kg	☼	10/06/25 07:31	10/07/25 17:34	1
Acetone	**0.050**		0.0067	0.0063	mg/Kg	☼	10/06/25 07:31	10/07/25 17:34	1
Benzene	0.0011	U	0.0011	0.00063	mg/Kg	☼	10/06/25 07:31	10/07/25 17:34	1
Bromoform	0.0011	U	0.0011	0.00047	mg/Kg	☼	10/06/25 07:31	10/07/25 17:34	1
Bromomethane	0.0022	U	0.0022	0.0011	mg/Kg	☼	10/06/25 07:31	10/07/25 17:34	1
Carbon disulfide	0.0011	U	0.0011	0.00030	mg/Kg	☼	10/06/25 07:31	10/07/25 17:34	1
Carbon tetrachloride	0.0011	U	0.0011	0.00043	mg/Kg	☼	10/06/25 07:31	10/07/25 17:34	1
Chlorobenzene	0.0011	U	0.0011	0.00056	mg/Kg	☼	10/06/25 07:31	10/07/25 17:34	1
Chlorobromomethane	0.0011	U	0.0011	0.00066	mg/Kg	☼	10/06/25 07:31	10/07/25 17:34	1
Chlorodibromomethane	0.0011	U	0.0011	0.00060	mg/Kg	☼	10/06/25 07:31	10/07/25 17:34	1
Chloroethane	0.0011	U	0.0011	0.00058	mg/Kg	☼	10/06/25 07:31	10/07/25 17:34	1
Chloroform	0.0011	U	0.0011	0.0011	mg/Kg	☼	10/06/25 07:31	10/07/25 17:34	1
Chloromethane	0.0011	U	0.0011	0.00048	mg/Kg	☼	10/06/25 07:31	10/07/25 17:34	1
cis-1,2-Dichloroethene	0.0011	U	0.0011	0.00040	mg/Kg	☼	10/06/25 07:31	10/07/25 17:34	1
cis-1,3-Dichloropropene	0.0011	U	0.0011	0.00030	mg/Kg	☼	10/06/25 07:31	10/07/25 17:34	1
Cyclohexane	0.0011	U	0.0011	0.00025	mg/Kg	☼	10/06/25 07:31	10/07/25 17:34	1
Dichlorobromomethane	0.0011	U	0.0011	0.00029	mg/Kg	☼	10/06/25 07:31	10/07/25 17:34	1
Dichlorodifluoromethane	0.0011	U *	0.0011	0.00037	mg/Kg	☼	10/06/25 07:31	10/07/25 17:34	1
Ethylbenzene	0.0011	U	0.0011	0.00052	mg/Kg	☼	10/06/25 07:31	10/07/25 17:34	1
Ethylene Dibromide	0.0011	U	0.0011	0.00056	mg/Kg	☼	10/06/25 07:31	10/07/25 17:34	1
Isopropylbenzene	0.0011	U	0.0011	0.00032	mg/Kg	☼	10/06/25 07:31	10/07/25 17:34	1
Methyl acetate	0.0055	U	0.0055	0.0048	mg/Kg	☼	10/06/25 07:31	10/07/25 17:34	1
Methyl tert-butyl ether	0.0011	U	0.0011	0.00057	mg/Kg	☼	10/06/25 07:31	10/07/25 17:34	1
Methylcyclohexane	0.0011	U	0.0011	0.00055	mg/Kg	☼	10/06/25 07:31	10/07/25 17:34	1
Methylene Chloride	0.0022	U	0.0022	0.0013	mg/Kg	☼	10/06/25 07:31	10/07/25 17:34	1
m-Xylene & p-Xylene	0.0011	U	0.0011	0.00047	mg/Kg	☼	10/06/25 07:31	10/07/25 17:34	1
n-Butylbenzene	0.0011	U	0.0011	0.00033	mg/Kg	☼	10/06/25 07:31	10/07/25 17:34	1
N-Propylbenzene	0.0011	U	0.0011	0.00050	mg/Kg	☼	10/06/25 07:31	10/07/25 17:34	1
o-Xylene	0.0011	U	0.0011	0.00051	mg/Kg	☼	10/06/25 07:31	10/07/25 17:34	1
sec-Butylbenzene	0.0011	U	0.0011	0.00032	mg/Kg	☼	10/06/25 07:31	10/07/25 17:34	1
Styrene	0.0011	U	0.0011	0.00031	mg/Kg	☼	10/06/25 07:31	10/07/25 17:34	1

Client Sample ID: 4D1_11-12

Date Collected: 10/02/25 13:30
Date Received: 10/02/25 16:00

Lab Sample ID: 460-336309-67

Matrix: Solid
Percent Solids: 93.0

Method: SW846 8260D - Volatile Organic Compounds by GC/MS (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
tert-Butylbenzene	0.0011	U	0.0011	0.00031	mg/Kg	☼	10/06/25 07:31	10/07/25 17:34	1
Tetrachloroethene	0.0011	U	0.0011	0.00034	mg/Kg	☼	10/06/25 07:31	10/07/25 17:34	1
Toluene	0.0011	U	0.0011	0.00026	mg/Kg	☼	10/06/25 07:31	10/07/25 17:34	1
trans-1,2-Dichloroethene	0.0011	U	0.0011	0.00027	mg/Kg	☼	10/06/25 07:31	10/07/25 17:34	1
trans-1,3-Dichloropropene	0.0011	U	0.0011	0.00030	mg/Kg	☼	10/06/25 07:31	10/07/25 17:34	1
Trichloroethene	0.0011	U	0.0011	0.00036	mg/Kg	☼	10/06/25 07:31	10/07/25 17:34	1
Trichlorofluoromethane	0.0011	U	0.0011	0.00045	mg/Kg	☼	10/06/25 07:31	10/07/25 17:34	1
Vinyl chloride	0.0011	U	0.0011	0.00061	mg/Kg	☼	10/06/25 07:31	10/07/25 17:34	1
Xylenes, Total	0.0022	U	0.0022	0.00019	mg/Kg	☼	10/06/25 07:31	10/07/25 17:34	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,2-Dichloroethane-d4 (Surr)	*100*		*65 - 138*	*10/06/25 07:31*	*10/07/25 17:34*	*1*
4-Bromofluorobenzene	*98*		*71 - 128*	*10/06/25 07:31*	*10/07/25 17:34*	*1*
Dibromofluoromethane (Surr)	*99*		*50 - 150*	*10/06/25 07:31*	*10/07/25 17:34*	*1*
Toluene-d8 (Surr)	*102*		*71 - 126*	*10/06/25 07:31*	*10/07/25 17:34*	*1*

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Percent Moisture (EPA Moisture)	**7.0**		1.0	1.0	%			10/07/25 19:23	1
Percent Solids (EPA Moisture)	**93.0**		1.0	1.0	%			10/07/25 19:23	1

Client Sample ID: 4E1_1-2

Date Collected: 10/02/25 13:35
Date Received: 10/02/25 16:00

Lab Sample ID: 460-336309-68

Matrix: Solid
Percent Solids: 95.1

Method: SW846 8260D - Volatile Organic Compounds by GC/MS

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1-Trichloroethane	0.0013	U	0.0013	0.00030	mg/Kg	☼	10/06/25 07:31	10/07/25 17:58	1
1,1,2,2-Tetrachloroethane	0.0013	U	0.0013	0.00068	mg/Kg	☼	10/06/25 07:31	10/07/25 17:58	1
1,1,2-Trichloro-1,2,2-trifluoroethane	0.0013	U	0.0013	0.00039	mg/Kg	☼	10/06/25 07:31	10/07/25 17:58	1
1,1,2-Trichloroethane	0.0013	U	0.0013	0.00078	mg/Kg	☼	10/06/25 07:31	10/07/25 17:58	1
1,1-Dichloroethane	0.0013	U	0.0013	0.00077	mg/Kg	☼	10/06/25 07:31	10/07/25 17:58	1
1,1-Dichloroethene	0.0013	U	0.0013	0.00029	mg/Kg	☼	10/06/25 07:31	10/07/25 17:58	1
1,2,3-Trichlorobenzene	0.0013	U	0.0013	0.00096	mg/Kg	☼	10/06/25 07:31	10/07/25 17:58	1
1,2,4-Trichlorobenzene	0.0013	U	0.0013	0.00046	mg/Kg	☼	10/06/25 07:31	10/07/25 17:58	1
1,2,4-Trimethylbenzene	0.0013	U	0.0013	0.00032	mg/Kg	☼	10/06/25 07:31	10/07/25 17:58	1
1,2-Dibromo-3-Chloropropane	0.0013	U	0.0013	0.00060	mg/Kg	☼	10/06/25 07:31	10/07/25 17:58	1
1,2-Dichlorobenzene	0.0013	U	0.0013	0.00047	mg/Kg	☼	10/06/25 07:31	10/07/25 17:58	1
1,2-Dichloroethane	0.0013	U	0.0013	0.00038	mg/Kg	☼	10/06/25 07:31	10/07/25 17:58	1
1,2-Dichloropropane	0.0013	U	0.0013	0.00055	mg/Kg	☼	10/06/25 07:31	10/07/25 17:58	1
1,3,5-Trimethylbenzene	0.0013	U	0.0013	0.00041	mg/Kg	☼	10/06/25 07:31	10/07/25 17:58	1
1,3-Dichlorobenzene	0.0013	U	0.0013	0.00047	mg/Kg	☼	10/06/25 07:31	10/07/25 17:58	1
1,4-Dichlorobenzene	0.0013	U	0.0013	0.00067	mg/Kg	☼	10/06/25 07:31	10/07/25 17:58	1
2-Butanone (MEK)	0.0065	U	0.0065	0.00048	mg/Kg	☼	10/06/25 07:31	10/07/25 17:58	1
2-Hexanone	0.0065	U	0.0065	0.0022	mg/Kg	☼	10/06/25 07:31	10/07/25 17:58	1
4-Methyl-2-pentanone (MIBK)	0.0065	U	0.0065	0.0020	mg/Kg	☼	10/06/25 07:31	10/07/25 17:58	1
Acetone	0.0078	U	0.0078	0.0074	mg/Kg	☼	10/06/25 07:31	10/07/25 17:58	1
Benzene	0.0013	U	0.0013	0.00074	mg/Kg	☼	10/06/25 07:31	10/07/25 17:58	1
Bromoform	0.0013	U	0.0013	0.00055	mg/Kg	☼	10/06/25 07:31	10/07/25 17:58	1
Bromomethane	0.0026	U	0.0026	0.0013	mg/Kg	☼	10/06/25 07:31	10/07/25 17:58	1

Client Sample ID: 4E1_1-2
Date Collected: 10/02/25 13:35
Date Received: 10/02/25 16:00

Lab Sample ID: 460-336309-68
Matrix: Solid
Percent Solids: 95.1

Method: SW846 8260D - Volatile Organic Compounds by GC/MS (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Carbon disulfide	0.0013	U	0.0013	0.00035	mg/Kg	☼	10/06/25 07:31	10/07/25 17:58	1
Carbon tetrachloride	0.0013	U	0.0013	0.00050	mg/Kg	☼	10/06/25 07:31	10/07/25 17:58	1
Chlorobenzene	0.0013	U	0.0013	0.00066	mg/Kg	☼	10/06/25 07:31	10/07/25 17:58	1
Chlorobromomethane	0.0013	U	0.0013	0.00077	mg/Kg	☼	10/06/25 07:31	10/07/25 17:58	1
Chlorodibromomethane	0.0013	U	0.0013	0.00070	mg/Kg	☼	10/06/25 07:31	10/07/25 17:58	1
Chloroethane	0.0013	U	0.0013	0.00068	mg/Kg	☼	10/06/25 07:31	10/07/25 17:58	1
Chloroform	0.0013	U	0.0013	0.0013	mg/Kg	☼	10/06/25 07:31	10/07/25 17:58	1
Chloromethane	0.0013	U	0.0013	0.00056	mg/Kg	☼	10/06/25 07:31	10/07/25 17:58	1
cis-1,2-Dichloroethene	0.0013	U	0.0013	0.00046	mg/Kg	☼	10/06/25 07:31	10/07/25 17:58	1
cis-1,3-Dichloropropene	0.0013	U	0.0013	0.00035	mg/Kg	☼	10/06/25 07:31	10/07/25 17:58	1
Cyclohexane	0.0013	U	0.0013	0.00029	mg/Kg	☼	10/06/25 07:31	10/07/25 17:58	1
Dichlorobromomethane	0.0013	U	0.0013	0.00033	mg/Kg	☼	10/06/25 07:31	10/07/25 17:58	1
Dichlorodifluoromethane	0.0013	U *	0.0013	0.00044	mg/Kg	☼	10/06/25 07:31	10/07/25 17:58	1
Ethylbenzene	0.0013	U	0.0013	0.00061	mg/Kg	☼	10/06/25 07:31	10/07/25 17:58	1
Ethylene Dibromide	0.0013	U	0.0013	0.00065	mg/Kg	☼	10/06/25 07:31	10/07/25 17:58	1
Isopropylbenzene	0.0013	U	0.0013	0.00037	mg/Kg	☼	10/06/25 07:31	10/07/25 17:58	1
Methyl acetate	0.0065	U	0.0065	0.0056	mg/Kg	☼	10/06/25 07:31	10/07/25 17:58	1
Methyl tert-butyl ether	0.0013	U	0.0013	0.00066	mg/Kg	☼	10/06/25 07:31	10/07/25 17:58	1
Methylcyclohexane	0.0013	U	0.0013	0.00065	mg/Kg	☼	10/06/25 07:31	10/07/25 17:58	1
Methylene Chloride	0.0026	U	0.0026	0.0015	mg/Kg	☼	10/06/25 07:31	10/07/25 17:58	1
m-Xylene & p-Xylene	0.0013	U	0.0013	0.00055	mg/Kg	☼	10/06/25 07:31	10/07/25 17:58	1
n-Butylbenzene	0.0013	U	0.0013	0.00038	mg/Kg	☼	10/06/25 07:31	10/07/25 17:58	1
N-Propylbenzene	0.0013	U	0.0013	0.00058	mg/Kg	☼	10/06/25 07:31	10/07/25 17:58	1
o-Xylene	0.0013	U	0.0013	0.00060	mg/Kg	☼	10/06/25 07:31	10/07/25 17:58	1
sec-Butylbenzene	0.0013	U	0.0013	0.00037	mg/Kg	☼	10/06/25 07:31	10/07/25 17:58	1
Styrene	0.0013	U	0.0013	0.00036	mg/Kg	☼	10/06/25 07:31	10/07/25 17:58	1
tert-Butylbenzene	0.0013	U	0.0013	0.00036	mg/Kg	☼	10/06/25 07:31	10/07/25 17:58	1
Tetrachloroethene	0.0013	U	0.0013	0.00040	mg/Kg	☼	10/06/25 07:31	10/07/25 17:58	1
Toluene	0.0013	U	0.0013	0.00030	mg/Kg	☼	10/06/25 07:31	10/07/25 17:58	1
trans-1,2-Dichloroethene	0.0013	U	0.0013	0.00032	mg/Kg	☼	10/06/25 07:31	10/07/25 17:58	1
trans-1,3-Dichloropropene	0.0013	U	0.0013	0.00035	mg/Kg	☼	10/06/25 07:31	10/07/25 17:58	1
Trichloroethene	0.0013	U	0.0013	0.00042	mg/Kg	☼	10/06/25 07:31	10/07/25 17:58	1
Trichlorofluoromethane	0.0013	U	0.0013	0.00053	mg/Kg	☼	10/06/25 07:31	10/07/25 17:58	1
Vinyl chloride	0.0013	U	0.0013	0.00071	mg/Kg	☼	10/06/25 07:31	10/07/25 17:58	1
Xylenes, Total	0.0026	U	0.0026	0.00023	mg/Kg	☼	10/06/25 07:31	10/07/25 17:58	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,2-Dichloroethane-d4 (Surr)	*99*		*65 - 138*	*10/06/25 07:31*	*10/07/25 17:58*	*1*
4-Bromofluorobenzene	*96*		*71 - 128*	*10/06/25 07:31*	*10/07/25 17:58*	*1*
Dibromofluoromethane (Surr)	*99*		*50 - 150*	*10/06/25 07:31*	*10/07/25 17:58*	*1*
Toluene-d8 (Surr)	*101*		*71 - 126*	*10/06/25 07:31*	*10/07/25 17:58*	*1*

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Percent Moisture (EPA Moisture)	4.9		1.0	1.0	%			10/07/25 19:23	1
Percent Solids (EPA Moisture)	95.1		1.0	1.0	%			10/07/25 19:23	1

Client: Haley & Aldrich, Inc.
Project/Site: Former Port Mobil

Job ID: 460-336309-1

Client Sample ID: 4E2_3-4
Date Collected: 10/02/25 13:40
Date Received: 10/02/25 16:00

Lab Sample ID: 460-336309-69
Matrix: Solid
Percent Solids: 94.8

Method: SW846 8260D - Volatile Organic Compounds by GC/MS

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1-Trichloroethane	0.0014	U	0.0014	0.00032	mg/Kg	☼	10/06/25 07:39	10/07/25 18:22	1
1,1,2,2-Tetrachloroethane	0.0014	U	0.0014	0.00072	mg/Kg	☼	10/06/25 07:39	10/07/25 18:22	1
1,1,2-Trichloro-1,2,2-trifluoroethane	0.0014	U	0.0014	0.00041	mg/Kg	☼	10/06/25 07:39	10/07/25 18:22	1
1,1,2-Trichloroethane	0.0014	U	0.0014	0.00083	mg/Kg	☼	10/06/25 07:39	10/07/25 18:22	1
1,1-Dichloroethane	0.0014	U	0.0014	0.00082	mg/Kg	☼	10/06/25 07:39	10/07/25 18:22	1
1,1-Dichloroethene	0.0014	U	0.0014	0.00031	mg/Kg	☼	10/06/25 07:39	10/07/25 18:22	1
1,2,3-Trichlorobenzene	0.0014	U	0.0014	0.0010	mg/Kg	☼	10/06/25 07:39	10/07/25 18:22	1
1,2,4-Trichlorobenzene	0.0014	U	0.0014	0.00049	mg/Kg	☼	10/06/25 07:39	10/07/25 18:22	1
1,2,4-Trimethylbenzene	0.0014	U	0.0014	0.00034	mg/Kg	☼	10/06/25 07:39	10/07/25 18:22	1
1,2-Dibromo-3-Chloropropane	0.0014	U	0.0014	0.00063	mg/Kg	☼	10/06/25 07:39	10/07/25 18:22	1
1,2-Dichlorobenzene	0.0014	U	0.0014	0.00050	mg/Kg	☼	10/06/25 07:39	10/07/25 18:22	1
1,2-Dichloroethane	0.0014	U	0.0014	0.00041	mg/Kg	☼	10/06/25 07:39	10/07/25 18:22	1
1,2-Dichloropropane	0.0014	U	0.0014	0.00058	mg/Kg	☼	10/06/25 07:39	10/07/25 18:22	1
1,3,5-Trimethylbenzene	0.0014	U	0.0014	0.00043	mg/Kg	☼	10/06/25 07:39	10/07/25 18:22	1
1,3-Dichlorobenzene	0.0014	U	0.0014	0.00050	mg/Kg	☼	10/06/25 07:39	10/07/25 18:22	1
1,4-Dichlorobenzene	0.0014	U	0.0014	0.00071	mg/Kg	☼	10/06/25 07:39	10/07/25 18:22	1
2-Butanone (MEK)	0.0069	U	0.0069	0.00051	mg/Kg	☼	10/06/25 07:39	10/07/25 18:22	1
2-Hexanone	0.0069	U	0.0069	0.0024	mg/Kg	☼	10/06/25 07:39	10/07/25 18:22	1
4-Methyl-2-pentanone (MIBK)	0.0069	U	0.0069	0.0021	mg/Kg	☼	10/06/25 07:39	10/07/25 18:22	1
Acetone	0.0083	U	0.0083	0.0079	mg/Kg	☼	10/06/25 07:39	10/07/25 18:22	1
Benzene	0.0014	U	0.0014	0.00078	mg/Kg	☼	10/06/25 07:39	10/07/25 18:22	1
Bromoform	0.0014	U	0.0014	0.00059	mg/Kg	☼	10/06/25 07:39	10/07/25 18:22	1
Bromomethane	0.0028	U	0.0028	0.0014	mg/Kg	☼	10/06/25 07:39	10/07/25 18:22	1
Carbon disulfide	0.0014	U	0.0014	0.00037	mg/Kg	☼	10/06/25 07:39	10/07/25 18:22	1
Carbon tetrachloride	0.0014	U	0.0014	0.00053	mg/Kg	☼	10/06/25 07:39	10/07/25 18:22	1
Chlorobenzene	0.0014	U	0.0014	0.00070	mg/Kg	☼	10/06/25 07:39	10/07/25 18:22	1
Chlorobromomethane	0.0014	U	0.0014	0.00082	mg/Kg	☼	10/06/25 07:39	10/07/25 18:22	1
Chlorodibromomethane	0.0014	U	0.0014	0.00074	mg/Kg	☼	10/06/25 07:39	10/07/25 18:22	1
Chloroethane	0.0014	U	0.0014	0.00072	mg/Kg	☼	10/06/25 07:39	10/07/25 18:22	1
Chloroform	0.0014	U	0.0014	0.0013	mg/Kg	☼	10/06/25 07:39	10/07/25 18:22	1
Chloromethane	0.0014	U	0.0014	0.00060	mg/Kg	☼	10/06/25 07:39	10/07/25 18:22	1
cis-1,2-Dichloroethene	0.0014	U	0.0014	0.00049	mg/Kg	☼	10/06/25 07:39	10/07/25 18:22	1
cis-1,3-Dichloropropene	0.0014	U	0.0014	0.00038	mg/Kg	☼	10/06/25 07:39	10/07/25 18:22	1
Cyclohexane	0.0014	U	0.0014	0.00030	mg/Kg	☼	10/06/25 07:39	10/07/25 18:22	1
Dichlorobromomethane	0.0014	U	0.0014	0.00035	mg/Kg	☼	10/06/25 07:39	10/07/25 18:22	1
Dichlorodifluoromethane	0.0014	U *	0.0014	0.00047	mg/Kg	☼	10/06/25 07:39	10/07/25 18:22	1
Ethylbenzene	0.0014	U	0.0014	0.00064	mg/Kg	☼	10/06/25 07:39	10/07/25 18:22	1
Ethylene Dibromide	0.0014	U	0.0014	0.00069	mg/Kg	☼	10/06/25 07:39	10/07/25 18:22	1
Isopropylbenzene	0.0014	U	0.0014	0.00039	mg/Kg	☼	10/06/25 07:39	10/07/25 18:22	1
Methyl acetate	0.0069	U	0.0069	0.0059	mg/Kg	☼	10/06/25 07:39	10/07/25 18:22	1
Methyl tert-butyl ether	0.0014	U	0.0014	0.00070	mg/Kg	☼	10/06/25 07:39	10/07/25 18:22	1
Methylcyclohexane	0.0014	U	0.0014	0.00069	mg/Kg	☼	10/06/25 07:39	10/07/25 18:22	1
Methylene Chloride	0.0028	U	0.0028	0.0016	mg/Kg	☼	10/06/25 07:39	10/07/25 18:22	1
m-Xylene & p-Xylene	0.0014	U	0.0014	0.00058	mg/Kg	☼	10/06/25 07:39	10/07/25 18:22	1
n-Butylbenzene	0.0014	U	0.0014	0.00040	mg/Kg	☼	10/06/25 07:39	10/07/25 18:22	1
N-Propylbenzene	0.0014	U	0.0014	0.00062	mg/Kg	☼	10/06/25 07:39	10/07/25 18:22	1
o-Xylene	0.0014	U	0.0014	0.00063	mg/Kg	☼	10/06/25 07:39	10/07/25 18:22	1
sec-Butylbenzene	0.0014	U	0.0014	0.00040	mg/Kg	☼	10/06/25 07:39	10/07/25 18:22	1
Styrene	0.0014	U	0.0014	0.00038	mg/Kg	☼	10/06/25 07:39	10/07/25 18:22	1

Client Sample ID: 4E2_3-4

Lab Sample ID: 460-336309-69

Date Collected: 10/02/25 13:40
Matrix: Solid
Date Received: 10/02/25 16:00
Percent Solids: 94.8

Method: SW846 8260D - Volatile Organic Compounds by GC/MS (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
tert-Butylbenzene	0.0014	U	0.0014	0.00038	mg/Kg	☼	10/06/25 07:39	10/07/25 18:22	1
Tetrachloroethene	0.0014	U	0.0014	0.00042	mg/Kg	☼	10/06/25 07:39	10/07/25 18:22	1
Toluene	0.0014	U	0.0014	0.00032	mg/Kg	☼	10/06/25 07:39	10/07/25 18:22	1
trans-1,2-Dichloroethene	0.0014	U	0.0014	0.00034	mg/Kg	☼	10/06/25 07:39	10/07/25 18:22	1
trans-1,3-Dichloropropene	0.0014	U	0.0014	0.00037	mg/Kg	☼	10/06/25 07:39	10/07/25 18:22	1
Trichloroethene	0.0014	U	0.0014	0.00044	mg/Kg	☼	10/06/25 07:39	10/07/25 18:22	1
Trichlorofluoromethane	0.0014	U	0.0014	0.00056	mg/Kg	☼	10/06/25 07:39	10/07/25 18:22	1
Vinyl chloride	0.0014	U	0.0014	0.00075	mg/Kg	☼	10/06/25 07:39	10/07/25 18:22	1
Xylenes, Total	0.0028	U	0.0028	0.00024	mg/Kg	☼	10/06/25 07:39	10/07/25 18:22	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,2-Dichloroethane-d4 (Surr)	*100*		*65 - 138*	*10/06/25 07:39*	*10/07/25 18:22*	*1*
4-Bromofluorobenzene	*95*		*71 - 128*	*10/06/25 07:39*	*10/07/25 18:22*	*1*
Dibromofluoromethane (Surr)	*99*		*50 - 150*	*10/06/25 07:39*	*10/07/25 18:22*	*1*
Toluene-d8 (Surr)	*101*		*71 - 126*	*10/06/25 07:39*	*10/07/25 18:22*	*1*

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Percent Moisture (EPA Moisture)	**5.2**		1.0	1.0	%			10/07/25 19:23	1
Percent Solids (EPA Moisture)	**94.8**		1.0	1.0	%			10/07/25 19:23	1

Client Sample ID: 4E3_4-5

Lab Sample ID: 460-336309-70

Date Collected: 10/02/25 13:45
Matrix: Solid
Date Received: 10/02/25 16:00
Percent Solids: 93.7

Method: SW846 8260D - Volatile Organic Compounds by GC/MS

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1-Trichloroethane	0.00094	U	0.00094	0.00022	mg/Kg	☼	10/06/25 07:39	10/07/25 18:46	1
1,1,2,2-Tetrachloroethane	0.00094	U	0.00094	0.00049	mg/Kg	☼	10/06/25 07:39	10/07/25 18:46	1
1,1,2-Trichloro-1,2,2-trifluoroethane	0.00094	U	0.00094	0.00028	mg/Kg	☼	10/06/25 07:39	10/07/25 18:46	1
1,1,2-Trichloroethane	0.00094	U	0.00094	0.00057	mg/Kg	☼	10/06/25 07:39	10/07/25 18:46	1
1,1-Dichloroethane	0.00094	U	0.00094	0.00056	mg/Kg	☼	10/06/25 07:39	10/07/25 18:46	1
1,1-Dichloroethene	0.00094	U	0.00094	0.00021	mg/Kg	☼	10/06/25 07:39	10/07/25 18:46	1
1,2,3-Trichlorobenzene	0.00094	U	0.00094	0.00070	mg/Kg	☼	10/06/25 07:39	10/07/25 18:46	1
1,2,4-Trichlorobenzene	0.00094	U	0.00094	0.00034	mg/Kg	☼	10/06/25 07:39	10/07/25 18:46	1
1,2,4-Trimethylbenzene	0.00094	U	0.00094	0.00023	mg/Kg	☼	10/06/25 07:39	10/07/25 18:46	1
1,2-Dibromo-3-Chloropropane	0.00094	U	0.00094	0.00043	mg/Kg	☼	10/06/25 07:39	10/07/25 18:46	1
1,2-Dichlorobenzene	0.00094	U	0.00094	0.00034	mg/Kg	☼	10/06/25 07:39	10/07/25 18:46	1
1,2-Dichloroethane	0.00094	U	0.00094	0.00028	mg/Kg	☼	10/06/25 07:39	10/07/25 18:46	1
1,2-Dichloropropane	0.00094	U	0.00094	0.00040	mg/Kg	☼	10/06/25 07:39	10/07/25 18:46	1
1,3,5-Trimethylbenzene	0.00094	U	0.00094	0.00030	mg/Kg	☼	10/06/25 07:39	10/07/25 18:46	1
1,3-Dichlorobenzene	0.00094	U	0.00094	0.00034	mg/Kg	☼	10/06/25 07:39	10/07/25 18:46	1
1,4-Dichlorobenzene	0.00094	U	0.00094	0.00049	mg/Kg	☼	10/06/25 07:39	10/07/25 18:46	1
2-Butanone (MEK)	0.0047	U	0.0047	0.00035	mg/Kg	☼	10/06/25 07:39	10/07/25 18:46	1
2-Hexanone	0.0047	U	0.0047	0.0016	mg/Kg	☼	10/06/25 07:39	10/07/25 18:46	1
4-Methyl-2-pentanone (MIBK)	0.0047	U	0.0047	0.0015	mg/Kg	☼	10/06/25 07:39	10/07/25 18:46	1
Acetone	**0.0074**		0.0057	0.0054	mg/Kg	☼	10/06/25 07:39	10/07/25 18:46	1
Benzene	0.00094	U	0.00094	0.00053	mg/Kg	☼	10/06/25 07:39	10/07/25 18:46	1
Bromoform	0.00094	U	0.00094	0.00040	mg/Kg	☼	10/06/25 07:39	10/07/25 18:46	1
Bromomethane	0.0019	U	0.0019	0.00094	mg/Kg	☼	10/06/25 07:39	10/07/25 18:46	1

Client Sample ID: 4E3_4-5
Date Collected: 10/02/25 13:45
Date Received: 10/02/25 16:00

Lab Sample ID: 460-336309-70
Matrix: Solid
Percent Solids: 93.7

Method: SW846 8260D - Volatile Organic Compounds by GC/MS (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Carbon disulfide	0.00094	U	0.00094	0.00025	mg/Kg	☼	10/06/25 07:39	10/07/25 18:46	1
Carbon tetrachloride	0.00094	U	0.00094	0.00037	mg/Kg	☼	10/06/25 07:39	10/07/25 18:46	1
Chlorobenzene	0.00094	U	0.00094	0.00048	mg/Kg	☼	10/06/25 07:39	10/07/25 18:46	1
Chlorobromomethane	0.00094	U	0.00094	0.00056	mg/Kg	☼	10/06/25 07:39	10/07/25 18:46	1
Chlorodibromomethane	0.00094	U	0.00094	0.00051	mg/Kg	☼	10/06/25 07:39	10/07/25 18:46	1
Chloroethane	0.00094	U	0.00094	0.00049	mg/Kg	☼	10/06/25 07:39	10/07/25 18:46	1
Chloroform	0.00094	U	0.00094	0.00092	mg/Kg	☼	10/06/25 07:39	10/07/25 18:46	1
Chloromethane	0.00094	U	0.00094	0.00041	mg/Kg	☼	10/06/25 07:39	10/07/25 18:46	1
cis-1,2-Dichloroethene	0.00094	U	0.00094	0.00034	mg/Kg	☼	10/06/25 07:39	10/07/25 18:46	1
cis-1,3-Dichloropropene	0.00094	U	0.00094	0.00026	mg/Kg	☼	10/06/25 07:39	10/07/25 18:46	1
Cyclohexane	0.00094	U	0.00094	0.00021	mg/Kg	☼	10/06/25 07:39	10/07/25 18:46	1
Dichlorobromomethane	0.00094	U	0.00094	0.00024	mg/Kg	☼	10/06/25 07:39	10/07/25 18:46	1
Dichlorodifluoromethane	0.00094	U *	0.00094	0.00032	mg/Kg	☼	10/06/25 07:39	10/07/25 18:46	1
Ethylbenzene	0.00094	U	0.00094	0.00044	mg/Kg	☼	10/06/25 07:39	10/07/25 18:46	1
Ethylene Dibromide	0.00094	U	0.00094	0.00048	mg/Kg	☼	10/06/25 07:39	10/07/25 18:46	1
Isopropylbenzene	0.00094	U	0.00094	0.00027	mg/Kg	☼	10/06/25 07:39	10/07/25 18:46	1
Methyl acetate	0.0047	U	0.0047	0.0041	mg/Kg	☼	10/06/25 07:39	10/07/25 18:46	1
Methyl tert-butyl ether	0.00094	U	0.00094	0.00048	mg/Kg	☼	10/06/25 07:39	10/07/25 18:46	1
Methylcyclohexane	0.00094	U	0.00094	0.00047	mg/Kg	☼	10/06/25 07:39	10/07/25 18:46	1
Methylene Chloride	**0.0011**	**J**	0.0019	0.0011	mg/Kg	☼	10/06/25 07:39	10/07/25 18:46	1
m-Xylene & p-Xylene	0.00094	U	0.00094	0.00040	mg/Kg	☼	10/06/25 07:39	10/07/25 18:46	1
n-Butylbenzene	0.00094	U	0.00094	0.00028	mg/Kg	☼	10/06/25 07:39	10/07/25 18:46	1
N-Propylbenzene	0.00094	U	0.00094	0.00042	mg/Kg	☼	10/06/25 07:39	10/07/25 18:46	1
o-Xylene	0.00094	U	0.00094	0.00043	mg/Kg	☼	10/06/25 07:39	10/07/25 18:46	1
sec-Butylbenzene	0.00094	U	0.00094	0.00027	mg/Kg	☼	10/06/25 07:39	10/07/25 18:46	1
Styrene	0.00094	U	0.00094	0.00026	mg/Kg	☼	10/06/25 07:39	10/07/25 18:46	1
tert-Butylbenzene	0.00094	U	0.00094	0.00026	mg/Kg	☼	10/06/25 07:39	10/07/25 18:46	1
Tetrachloroethene	0.00094	U	0.00094	0.00029	mg/Kg	☼	10/06/25 07:39	10/07/25 18:46	1
Toluene	0.00094	U	0.00094	0.00022	mg/Kg	☼	10/06/25 07:39	10/07/25 18:46	1
trans-1,2-Dichloroethene	0.00094	U	0.00094	0.00023	mg/Kg	☼	10/06/25 07:39	10/07/25 18:46	1
trans-1,3-Dichloropropene	0.00094	U	0.00094	0.00025	mg/Kg	☼	10/06/25 07:39	10/07/25 18:46	1
Trichloroethene	0.00094	U	0.00094	0.00030	mg/Kg	☼	10/06/25 07:39	10/07/25 18:46	1
Trichlorofluoromethane	0.00094	U	0.00094	0.00038	mg/Kg	☼	10/06/25 07:39	10/07/25 18:46	1
Vinyl chloride	0.00094	U	0.00094	0.00052	mg/Kg	☼	10/06/25 07:39	10/07/25 18:46	1
Xylenes, Total	0.0019	U	0.0019	0.00016	mg/Kg	☼	10/06/25 07:39	10/07/25 18:46	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,2-Dichloroethane-d4 (Surr)	*98*		*65 - 138*	*10/06/25 07:39*	*10/07/25 18:46*	*1*
4-Bromofluorobenzene	*96*		*71 - 128*	*10/06/25 07:39*	*10/07/25 18:46*	*1*
Dibromofluoromethane (Surr)	*98*		*50 - 150*	*10/06/25 07:39*	*10/07/25 18:46*	*1*
Toluene-d8 (Surr)	*101*		*71 - 126*	*10/06/25 07:39*	*10/07/25 18:46*	*1*

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Percent Moisture (EPA Moisture)	**6.3**		1.0	1.0	%			10/07/25 19:23	1
Percent Solids (EPA Moisture)	**93.7**		1.0	1.0	%			10/07/25 19:23	1

Client Sample ID: 4E1_5-6

Date Collected: 10/02/25 13:50
Date Received: 10/02/25 16:00

Lab Sample ID: 460-336309-71

Matrix: Solid
Percent Solids: 92.2

Method: SW846 8260D - Volatile Organic Compounds by GC/MS

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1-Trichloroethane	0.0011	U	0.0011	0.00026	mg/Kg	☼	10/06/25 07:39	10/08/25 16:56	1
1,1,2,2-Tetrachloroethane	0.0011	U	0.0011	0.00057	mg/Kg	☼	10/06/25 07:39	10/08/25 16:56	1
1,1,2-Trichloro-1,2,2-trifluoroethane	0.0011	U	0.0011	0.00033	mg/Kg	☼	10/06/25 07:39	10/08/25 16:56	1
1,1,2-Trichloroethane	0.0011	U	0.0011	0.00066	mg/Kg	☼	10/06/25 07:39	10/08/25 16:56	1
1,1-Dichloroethane	0.0011	U	0.0011	0.00066	mg/Kg	☼	10/06/25 07:39	10/08/25 16:56	1
1,1-Dichloroethene	0.0011	U	0.0011	0.00025	mg/Kg	☼	10/06/25 07:39	10/08/25 16:56	1
1,2,3-Trichlorobenzene	0.0011	U	0.0011	0.00081	mg/Kg	☼	10/06/25 07:39	10/08/25 16:56	1
1,2,4-Trichlorobenzene	0.0011	U	0.0011	0.00039	mg/Kg	☼	10/06/25 07:39	10/08/25 16:56	1
1,2,4-Trimethylbenzene	0.0011	U	0.0011	0.00027	mg/Kg	☼	10/06/25 07:39	10/08/25 16:56	1
1,2-Dibromo-3-Chloropropane	0.0011	U	0.0011	0.00051	mg/Kg	☼	10/06/25 07:39	10/08/25 16:56	1
1,2-Dichlorobenzene	0.0011	U	0.0011	0.00040	mg/Kg	☼	10/06/25 07:39	10/08/25 16:56	1
1,2-Dichloroethane	0.0011	U	0.0011	0.00033	mg/Kg	☼	10/06/25 07:39	10/08/25 16:56	1
1,2-Dichloropropane	0.0011	U	0.0011	0.00046	mg/Kg	☼	10/06/25 07:39	10/08/25 16:56	1
1,3,5-Trimethylbenzene	0.0011	U	0.0011	0.00034	mg/Kg	☼	10/06/25 07:39	10/08/25 16:56	1
1,3-Dichlorobenzene	0.0011	U	0.0011	0.00040	mg/Kg	☼	10/06/25 07:39	10/08/25 16:56	1
1,4-Dichlorobenzene	0.0011	U	0.0011	0.00057	mg/Kg	☼	10/06/25 07:39	10/08/25 16:56	1
2-Butanone (MEK)	0.0055	U	0.0055	0.00040	mg/Kg	☼	10/06/25 07:39	10/08/25 16:56	1
2-Hexanone	0.0055	U	0.0055	0.0019	mg/Kg	☼	10/06/25 07:39	10/08/25 16:56	1
4-Methyl-2-pentanone (MIBK)	0.0055	U	0.0055	0.0017	mg/Kg	☼	10/06/25 07:39	10/08/25 16:56	1
Acetone	**0.0097**		0.0066	0.0063	mg/Kg	☼	10/06/25 07:39	10/08/25 16:56	1
Benzene	0.0011	U	0.0011	0.00062	mg/Kg	☼	10/06/25 07:39	10/08/25 16:56	1
Bromoform	0.0011	U	0.0011	0.00047	mg/Kg	☼	10/06/25 07:39	10/08/25 16:56	1
Bromomethane	0.0022	U	0.0022	0.0011	mg/Kg	☼	10/06/25 07:39	10/08/25 16:56	1
Carbon disulfide	0.0011	U	0.0011	0.00029	mg/Kg	☼	10/06/25 07:39	10/08/25 16:56	1
Carbon tetrachloride	0.0011	U	0.0011	0.00042	mg/Kg	☼	10/06/25 07:39	10/08/25 16:56	1
Chlorobenzene	0.0011	U	0.0011	0.00056	mg/Kg	☼	10/06/25 07:39	10/08/25 16:56	1
Chlorobromomethane	0.0011	U	0.0011	0.00065	mg/Kg	☼	10/06/25 07:39	10/08/25 16:56	1
Chlorodibromomethane	0.0011	U	0.0011	0.00059	mg/Kg	☼	10/06/25 07:39	10/08/25 16:56	1
Chloroethane	0.0011	U *	0.0011	0.00057	mg/Kg	☼	10/06/25 07:39	10/08/25 16:56	1
Chloroform	0.0011	U	0.0011	0.0011	mg/Kg	☼	10/06/25 07:39	10/08/25 16:56	1
Chloromethane	0.0011	U	0.0011	0.00048	mg/Kg	☼	10/06/25 07:39	10/08/25 16:56	1
cis-1,2-Dichloroethene	0.0011	U	0.0011	0.00039	mg/Kg	☼	10/06/25 07:39	10/08/25 16:56	1
cis-1,3-Dichloropropene	0.0011	U	0.0011	0.00030	mg/Kg	☼	10/06/25 07:39	10/08/25 16:56	1
Cyclohexane	0.0011	U	0.0011	0.00024	mg/Kg	☼	10/06/25 07:39	10/08/25 16:56	1
Dichlorobromomethane	0.0011	U	0.0011	0.00028	mg/Kg	☼	10/06/25 07:39	10/08/25 16:56	1
Dichlorodifluoromethane	0.0011	U *	0.0011	0.00037	mg/Kg	☼	10/06/25 07:39	10/08/25 16:56	1
Ethylbenzene	0.0011	U	0.0011	0.00051	mg/Kg	☼	10/06/25 07:39	10/08/25 16:56	1
Ethylene Dibromide	0.0011	U	0.0011	0.00055	mg/Kg	☼	10/06/25 07:39	10/08/25 16:56	1
Isopropylbenzene	0.0011	U	0.0011	0.00031	mg/Kg	☼	10/06/25 07:39	10/08/25 16:56	1
Methyl acetate	0.0055	U	0.0055	0.0047	mg/Kg	☼	10/06/25 07:39	10/08/25 16:56	1
Methyl tert-butyl ether	0.0011	U	0.0011	0.00056	mg/Kg	☼	10/06/25 07:39	10/08/25 16:56	1
Methylcyclohexane	0.0011	U	0.0011	0.00055	mg/Kg	☼	10/06/25 07:39	10/08/25 16:56	1
Methylene Chloride	0.0022	U	0.0022	0.0013	mg/Kg	☼	10/06/25 07:39	10/08/25 16:56	1
m-Xylene & p-Xylene	0.0011	U	0.0011	0.00046	mg/Kg	☼	10/06/25 07:39	10/08/25 16:56	1
n-Butylbenzene	0.0011	U	0.0011	0.00032	mg/Kg	☼	10/06/25 07:39	10/08/25 16:56	1
N-Propylbenzene	0.0011	U	0.0011	0.00049	mg/Kg	☼	10/06/25 07:39	10/08/25 16:56	1
o-Xylene	0.0011	U	0.0011	0.00051	mg/Kg	☼	10/06/25 07:39	10/08/25 16:56	1
sec-Butylbenzene	0.0011	U	0.0011	0.00032	mg/Kg	☼	10/06/25 07:39	10/08/25 16:56	1
Styrene	0.0011	U	0.0011	0.00031	mg/Kg	☼	10/06/25 07:39	10/08/25 16:56	1

Client Sample ID: 4E1_5-6

Lab Sample ID: 460-336309-71

Date Collected: 10/02/25 13:50
Matrix: Solid
Date Received: 10/02/25 16:00
Percent Solids: 92.2

Method: SW846 8260D - Volatile Organic Compounds by GC/MS (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
tert-Butylbenzene	0.0011	U	0.0011	0.00030	mg/Kg	☼	10/06/25 07:39	10/08/25 16:56	1
Tetrachloroethene	0.0011	U	0.0011	0.00033	mg/Kg	☼	10/06/25 07:39	10/08/25 16:56	1
Toluene	0.0011	U	0.0011	0.00026	mg/Kg	☼	10/06/25 07:39	10/08/25 16:56	1
trans-1,2-Dichloroethene	0.0011	U	0.0011	0.00027	mg/Kg	☼	10/06/25 07:39	10/08/25 16:56	1
trans-1,3-Dichloropropene	0.0011	U	0.0011	0.00029	mg/Kg	☼	10/06/25 07:39	10/08/25 16:56	1
Trichloroethene	0.0011	U	0.0011	0.00035	mg/Kg	☼	10/06/25 07:39	10/08/25 16:56	1
Trichlorofluoromethane	0.0011	U	0.0011	0.00045	mg/Kg	☼	10/06/25 07:39	10/08/25 16:56	1
Vinyl chloride	0.0011	U	0.0011	0.00060	mg/Kg	☼	10/06/25 07:39	10/08/25 16:56	1
Xylenes, Total	0.0022	U	0.0022	0.00019	mg/Kg	☼	10/06/25 07:39	10/08/25 16:56	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,2-Dichloroethane-d4 (Surr)	*97*		*65 - 138*	*10/06/25 07:39*	*10/08/25 16:56*	*1*
4-Bromofluorobenzene	*96*		*71 - 128*	*10/06/25 07:39*	*10/08/25 16:56*	*1*
Dibromofluoromethane (Surr)	*100*		*50 - 150*	*10/06/25 07:39*	*10/08/25 16:56*	*1*
Toluene-d8 (Surr)	*101*		*71 - 126*	*10/06/25 07:39*	*10/08/25 16:56*	*1*

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Percent Moisture (EPA Moisture)	**7.8**		1.0	1.0	%			10/07/25 19:23	1
Percent Solids (EPA Moisture)	**92.2**		1.0	1.0	%			10/07/25 19:23	1

Client Sample ID: 4E2_7-8

Lab Sample ID: 460-336309-72

Date Collected: 10/02/25 13:55
Matrix: Solid
Date Received: 10/02/25 16:00
Percent Solids: 91.4

Method: SW846 8260D - Volatile Organic Compounds by GC/MS

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1-Trichloroethane	0.0010	U	0.0010	0.00024	mg/Kg	☼	10/06/25 07:40	10/07/25 22:23	1
1,1,2,2-Tetrachloroethane	0.0010	U	0.0010	0.00054	mg/Kg	☼	10/06/25 07:40	10/07/25 22:23	1
1,1,2-Trichloro-1,2,2-trifluoroethane	0.0010	U	0.0010	0.00031	mg/Kg	☼	10/06/25 07:40	10/07/25 22:23	1
1,1,2-Trichloroethane	0.0010	U	0.0010	0.00062	mg/Kg	☼	10/06/25 07:40	10/07/25 22:23	1
1,1-Dichloroethane	0.0010	U	0.0010	0.00062	mg/Kg	☼	10/06/25 07:40	10/07/25 22:23	1
1,1-Dichloroethene	0.0010	U	0.0010	0.00023	mg/Kg	☼	10/06/25 07:40	10/07/25 22:23	1
1,2,3-Trichlorobenzene	0.0010	U	0.0010	0.00077	mg/Kg	☼	10/06/25 07:40	10/07/25 22:23	1
1,2,4-Trichlorobenzene	0.0010	U	0.0010	0.00037	mg/Kg	☼	10/06/25 07:40	10/07/25 22:23	1
1,2,4-Trimethylbenzene	0.0010	U	0.0010	0.00026	mg/Kg	☼	10/06/25 07:40	10/07/25 22:23	1
1,2-Dibromo-3-Chloropropane	0.0010	U	0.0010	0.00048	mg/Kg	☼	10/06/25 07:40	10/07/25 22:23	1
1,2-Dichlorobenzene	0.0010	U	0.0010	0.00037	mg/Kg	☼	10/06/25 07:40	10/07/25 22:23	1
1,2-Dichloroethane	0.0010	U	0.0010	0.00031	mg/Kg	☼	10/06/25 07:40	10/07/25 22:23	1
1,2-Dichloropropane	0.0010	U	0.0010	0.00044	mg/Kg	☼	10/06/25 07:40	10/07/25 22:23	1
1,3,5-Trimethylbenzene	0.0010	U	0.0010	0.00033	mg/Kg	☼	10/06/25 07:40	10/07/25 22:23	1
1,3-Dichlorobenzene	0.0010	U	0.0010	0.00038	mg/Kg	☼	10/06/25 07:40	10/07/25 22:23	1
1,4-Dichlorobenzene	0.0010	U	0.0010	0.00054	mg/Kg	☼	10/06/25 07:40	10/07/25 22:23	1
2-Butanone (MEK)	0.0052	U	0.0052	0.00038	mg/Kg	☼	10/06/25 07:40	10/07/25 22:23	1
2-Hexanone	0.0052	U	0.0052	0.0018	mg/Kg	☼	10/06/25 07:40	10/07/25 22:23	1
4-Methyl-2-pentanone (MIBK)	0.0052	U	0.0052	0.0016	mg/Kg	☼	10/06/25 07:40	10/07/25 22:23	1
Acetone	0.0062	U	0.0062	0.0059	mg/Kg	☼	10/06/25 07:40	10/07/25 22:23	1
Benzene	0.0010	U	0.0010	0.00059	mg/Kg	☼	10/06/25 07:40	10/07/25 22:23	1
Bromoform	0.0010	U	0.0010	0.00044	mg/Kg	☼	10/06/25 07:40	10/07/25 22:23	1
Bromomethane	0.0021	U *	0.0021	0.0010	mg/Kg	☼	10/06/25 07:40	10/07/25 22:23	1

Client Sample ID: 4E2_7-8
Date Collected: 10/02/25 13:55
Date Received: 10/02/25 16:00

Lab Sample ID: 460-336309-72
Matrix: Solid
Percent Solids: 91.4

Method: SW846 8260D - Volatile Organic Compounds by GC/MS (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Carbon disulfide	0.0010	U	0.0010	0.00028	mg/Kg	☼	10/06/25 07:40	10/07/25 22:23	1
Carbon tetrachloride	0.0010	U	0.0010	0.00040	mg/Kg	☼	10/06/25 07:40	10/07/25 22:23	1
Chlorobenzene	0.0010	U	0.0010	0.00053	mg/Kg	☼	10/06/25 07:40	10/07/25 22:23	1
Chlorobromomethane	0.0010	U	0.0010	0.00062	mg/Kg	☼	10/06/25 07:40	10/07/25 22:23	1
Chlorodibromomethane	0.0010	U	0.0010	0.00056	mg/Kg	☼	10/06/25 07:40	10/07/25 22:23	1
Chloroethane	0.0010	U	0.0010	0.00054	mg/Kg	☼	10/06/25 07:40	10/07/25 22:23	1
Chloroform	0.0010	U	0.0010	0.0010	mg/Kg	☼	10/06/25 07:40	10/07/25 22:23	1
Chloromethane	0.0010	U	0.0010	0.00045	mg/Kg	☼	10/06/25 07:40	10/07/25 22:23	1
cis-1,2-Dichloroethene	0.0010	U	0.0010	0.00037	mg/Kg	☼	10/06/25 07:40	10/07/25 22:23	1
cis-1,3-Dichloropropene	0.0010	U	0.0010	0.00028	mg/Kg	☼	10/06/25 07:40	10/07/25 22:23	1
Cyclohexane	0.0010	U	0.0010	0.00023	mg/Kg	☼	10/06/25 07:40	10/07/25 22:23	1
Dichlorobromomethane	0.0010	U	0.0010	0.00027	mg/Kg	☼	10/06/25 07:40	10/07/25 22:23	1
Dichlorodifluoromethane	0.0010	U	0.0010	0.00035	mg/Kg	☼	10/06/25 07:40	10/07/25 22:23	1
Ethylbenzene	0.0010	U	0.0010	0.00049	mg/Kg	☼	10/06/25 07:40	10/07/25 22:23	1
Ethylene Dibromide	0.0010	U	0.0010	0.00052	mg/Kg	☼	10/06/25 07:40	10/07/25 22:23	1
Isopropylbenzene	0.0010	U	0.0010	0.00030	mg/Kg	☼	10/06/25 07:40	10/07/25 22:23	1
Methyl acetate	0.0052	U	0.0052	0.0045	mg/Kg	☼	10/06/25 07:40	10/07/25 22:23	1
Methyl tert-butyl ether	0.0010	U	0.0010	0.00053	mg/Kg	☼	10/06/25 07:40	10/07/25 22:23	1
Methylcyclohexane	0.0010	U	0.0010	0.00052	mg/Kg	☼	10/06/25 07:40	10/07/25 22:23	1
Methylene Chloride	0.0021	U	0.0021	0.0012	mg/Kg	☼	10/06/25 07:40	10/07/25 22:23	1
m-Xylene & p-Xylene	0.0010	U	0.0010	0.00044	mg/Kg	☼	10/06/25 07:40	10/07/25 22:23	1
n-Butylbenzene	0.0010	U	0.0010	0.00030	mg/Kg	☼	10/06/25 07:40	10/07/25 22:23	1
N-Propylbenzene	0.0010	U	0.0010	0.00047	mg/Kg	☼	10/06/25 07:40	10/07/25 22:23	1
o-Xylene	0.0010	U	0.0010	0.00048	mg/Kg	☼	10/06/25 07:40	10/07/25 22:23	1
sec-Butylbenzene	0.0010	U	0.0010	0.00030	mg/Kg	☼	10/06/25 07:40	10/07/25 22:23	1
Styrene	0.0010	U	0.0010	0.00029	mg/Kg	☼	10/06/25 07:40	10/07/25 22:23	1
tert-Butylbenzene	0.0010	U	0.0010	0.00029	mg/Kg	☼	10/06/25 07:40	10/07/25 22:23	1
Tetrachloroethene	0.0010	U	0.0010	0.00032	mg/Kg	☼	10/06/25 07:40	10/07/25 22:23	1
Toluene	0.0010	U	0.0010	0.00024	mg/Kg	☼	10/06/25 07:40	10/07/25 22:23	1
trans-1,2-Dichloroethene	0.0010	U	0.0010	0.00026	mg/Kg	☼	10/06/25 07:40	10/07/25 22:23	1
trans-1,3-Dichloropropene	0.0010	U	0.0010	0.00028	mg/Kg	☼	10/06/25 07:40	10/07/25 22:23	1
Trichloroethene	0.0010	U	0.0010	0.00033	mg/Kg	☼	10/06/25 07:40	10/07/25 22:23	1
Trichlorofluoromethane	0.0010	U	0.0010	0.00042	mg/Kg	☼	10/06/25 07:40	10/07/25 22:23	1
Vinyl chloride	0.0010	U	0.0010	0.00057	mg/Kg	☼	10/06/25 07:40	10/07/25 22:23	1
Xylenes, Total	0.0021	U	0.0021	0.00018	mg/Kg	☼	10/06/25 07:40	10/07/25 22:23	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,2-Dichloroethane-d4 (Surr)	*99*		*65 - 138*	*10/06/25 07:40*	*10/07/25 22:23*	*1*
4-Bromofluorobenzene	*101*		*71 - 128*	*10/06/25 07:40*	*10/07/25 22:23*	*1*
Dibromofluoromethane (Surr)	*98*		*50 - 150*	*10/06/25 07:40*	*10/07/25 22:23*	*1*
Toluene-d8 (Surr)	*102*		*71 - 126*	*10/06/25 07:40*	*10/07/25 22:23*	*1*

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Percent Moisture (EPA Moisture)	**8.6**		1.0	1.0	%			10/07/25 19:23	1
Percent Solids (EPA Moisture)	**91.4**		1.0	1.0	%			10/07/25 19:23	1

Client: Haley & Aldrich, Inc.
Project/Site: Former Port Mobil

Job ID: 460-336309-1

Client Sample ID: 4E3_9-10
Date Collected: 10/02/25 14:00
Date Received: 10/02/25 16:00

Lab Sample ID: 460-336309-73
Matrix: Solid
Percent Solids: 93.1

Method: SW846 8260D - Volatile Organic Compounds by GC/MS

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1-Trichloroethane	0.0013	U	0.0013	0.00029	mg/Kg	☼	10/06/25 07:40	10/07/25 22:48	1
1,1,2,2-Tetrachloroethane	0.0013	U	0.0013	0.00066	mg/Kg	☼	10/06/25 07:40	10/07/25 22:48	1
1,1,2-Trichloro-1,2,2-trifluoroethane	0.0013	U	0.0013	0.00038	mg/Kg	☼	10/06/25 07:40	10/07/25 22:48	1
1,1,2-Trichloroethane	0.0013	U	0.0013	0.00076	mg/Kg	☼	10/06/25 07:40	10/07/25 22:48	1
1,1-Dichloroethane	0.0013	U	0.0013	0.00075	mg/Kg	☼	10/06/25 07:40	10/07/25 22:48	1
1,1-Dichloroethene	0.0013	U	0.0013	0.00028	mg/Kg	☼	10/06/25 07:40	10/07/25 22:48	1
1,2,3-Trichlorobenzene	0.0013	U	0.0013	0.00093	mg/Kg	☼	10/06/25 07:40	10/07/25 22:48	1
1,2,4-Trichlorobenzene	0.0013	U	0.0013	0.00045	mg/Kg	☼	10/06/25 07:40	10/07/25 22:48	1
1,2,4-Trimethylbenzene	0.0013	U	0.0013	0.00031	mg/Kg	☼	10/06/25 07:40	10/07/25 22:48	1
1,2-Dibromo-3-Chloropropane	0.0013	U	0.0013	0.00058	mg/Kg	☼	10/06/25 07:40	10/07/25 22:48	1
1,2-Dichlorobenzene	0.0013	U	0.0013	0.00045	mg/Kg	☼	10/06/25 07:40	10/07/25 22:48	1
1,2-Dichloroethane	0.0013	U	0.0013	0.00037	mg/Kg	☼	10/06/25 07:40	10/07/25 22:48	1
1,2-Dichloropropane	0.0013	U	0.0013	0.00053	mg/Kg	☼	10/06/25 07:40	10/07/25 22:48	1
1,3,5-Trimethylbenzene	0.0013	U	0.0013	0.00039	mg/Kg	☼	10/06/25 07:40	10/07/25 22:48	1
1,3-Dichlorobenzene	0.0013	U	0.0013	0.00046	mg/Kg	☼	10/06/25 07:40	10/07/25 22:48	1
1,4-Dichlorobenzene	0.0013	U	0.0013	0.00065	mg/Kg	☼	10/06/25 07:40	10/07/25 22:48	1
2-Butanone (MEK)	0.0063	U	0.0063	0.00046	mg/Kg	☼	10/06/25 07:40	10/07/25 22:48	1
2-Hexanone	0.0063	U	0.0063	0.0021	mg/Kg	☼	10/06/25 07:40	10/07/25 22:48	1
4-Methyl-2-pentanone (MIBK)	0.0063	U	0.0063	0.0020	mg/Kg	☼	10/06/25 07:40	10/07/25 22:48	1
Acetone	0.0075	U	0.0075	0.0072	mg/Kg	☼	10/06/25 07:40	10/07/25 22:48	1
Benzene	0.0013	U	0.0013	0.00071	mg/Kg	☼	10/06/25 07:40	10/07/25 22:48	1
Bromoform	0.0013	U	0.0013	0.00053	mg/Kg	☼	10/06/25 07:40	10/07/25 22:48	1
Bromomethane	0.0025	U *	0.0025	0.0013	mg/Kg	☼	10/06/25 07:40	10/07/25 22:48	1
Carbon disulfide	0.0013	U	0.0013	0.00033	mg/Kg	☼	10/06/25 07:40	10/07/25 22:48	1
Carbon tetrachloride	0.0013	U	0.0013	0.00049	mg/Kg	☼	10/06/25 07:40	10/07/25 22:48	1
Chlorobenzene	0.0013	U	0.0013	0.00064	mg/Kg	☼	10/06/25 07:40	10/07/25 22:48	1
Chlorobromomethane	0.0013	U	0.0013	0.00075	mg/Kg	☼	10/06/25 07:40	10/07/25 22:48	1
Chlorodibromomethane	0.0013	U	0.0013	0.00067	mg/Kg	☼	10/06/25 07:40	10/07/25 22:48	1
Chloroethane	0.0013	U	0.0013	0.00066	mg/Kg	☼	10/06/25 07:40	10/07/25 22:48	1
Chloroform	0.0013	U	0.0013	0.0012	mg/Kg	☼	10/06/25 07:40	10/07/25 22:48	1
Chloromethane	0.0013	U	0.0013	0.00055	mg/Kg	☼	10/06/25 07:40	10/07/25 22:48	1
cis-1,2-Dichloroethene	0.0013	U	0.0013	0.00045	mg/Kg	☼	10/06/25 07:40	10/07/25 22:48	1
cis-1,3-Dichloropropene	0.0013	U	0.0013	0.00034	mg/Kg	☼	10/06/25 07:40	10/07/25 22:48	1
Cyclohexane	0.0013	U	0.0013	0.00028	mg/Kg	☼	10/06/25 07:40	10/07/25 22:48	1
Dichlorobromomethane	0.0013	U	0.0013	0.00032	mg/Kg	☼	10/06/25 07:40	10/07/25 22:48	1
Dichlorodifluoromethane	0.0013	U	0.0013	0.00042	mg/Kg	☼	10/06/25 07:40	10/07/25 22:48	1
Ethylbenzene	0.0013	U	0.0013	0.00059	mg/Kg	☼	10/06/25 07:40	10/07/25 22:48	1
Ethylene Dibromide	0.0013	U	0.0013	0.00063	mg/Kg	☼	10/06/25 07:40	10/07/25 22:48	1
Isopropylbenzene	0.0013	U	0.0013	0.00036	mg/Kg	☼	10/06/25 07:40	10/07/25 22:48	1
Methyl acetate	0.0063	U	0.0063	0.0054	mg/Kg	☼	10/06/25 07:40	10/07/25 22:48	1
Methyl tert-butyl ether	0.0013	U	0.0013	0.00064	mg/Kg	☼	10/06/25 07:40	10/07/25 22:48	1
Methylcyclohexane	0.0013	U	0.0013	0.00063	mg/Kg	☼	10/06/25 07:40	10/07/25 22:48	1
Methylene Chloride	0.0025	U	0.0025	0.0014	mg/Kg	☼	10/06/25 07:40	10/07/25 22:48	1
m-Xylene & p-Xylene	0.0013	U	0.0013	0.00053	mg/Kg	☼	10/06/25 07:40	10/07/25 22:48	1
n-Butylbenzene	0.0013	U	0.0013	0.00037	mg/Kg	☼	10/06/25 07:40	10/07/25 22:48	1
N-Propylbenzene	0.0013	U	0.0013	0.00056	mg/Kg	☼	10/06/25 07:40	10/07/25 22:48	1
o-Xylene	0.0013	U	0.0013	0.00058	mg/Kg	☼	10/06/25 07:40	10/07/25 22:48	1
sec-Butylbenzene	0.0013	U	0.0013	0.00036	mg/Kg	☼	10/06/25 07:40	10/07/25 22:48	1
Styrene	0.0013	U	0.0013	0.00035	mg/Kg	☼	10/06/25 07:40	10/07/25 22:48	1

Client Sample ID: 4E3_9-10

Lab Sample ID: 460-336309-73
Date Collected: 10/02/25 14:00
Matrix: Solid
Date Received: 10/02/25 16:00
Percent Solids: 93.1

Method: SW846 8260D - Volatile Organic Compounds by GC/MS (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
tert-Butylbenzene	0.0013	U	0.0013	0.00035	mg/Kg	☼	10/06/25 07:40	10/07/25 22:48	1
Tetrachloroethene	0.0013	U	0.0013	0.00038	mg/Kg	☼	10/06/25 07:40	10/07/25 22:48	1
Toluene	0.0013	U	0.0013	0.00029	mg/Kg	☼	10/06/25 07:40	10/07/25 22:48	1
trans-1,2-Dichloroethene	0.0013	U	0.0013	0.00031	mg/Kg	☼	10/06/25 07:40	10/07/25 22:48	1
trans-1,3-Dichloropropene	0.0013	U	0.0013	0.00033	mg/Kg	☼	10/06/25 07:40	10/07/25 22:48	1
Trichloroethene	0.0013	U	0.0013	0.00040	mg/Kg	☼	10/06/25 07:40	10/07/25 22:48	1
Trichlorofluoromethane	0.0013	U	0.0013	0.00051	mg/Kg	☼	10/06/25 07:40	10/07/25 22:48	1
Vinyl chloride	0.0013	U	0.0013	0.00069	mg/Kg	☼	10/06/25 07:40	10/07/25 22:48	1
Xylenes, Total	0.0025	U	0.0025	0.00022	mg/Kg	☼	10/06/25 07:40	10/07/25 22:48	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,2-Dichloroethane-d4 (Surr)	*99*		*65 - 138*	*10/06/25 07:40*	*10/07/25 22:48*	*1*
4-Bromofluorobenzene	*95*		*71 - 128*	*10/06/25 07:40*	*10/07/25 22:48*	*1*
Dibromofluoromethane (Surr)	*98*		*50 - 150*	*10/06/25 07:40*	*10/07/25 22:48*	*1*
Toluene-d8 (Surr)	*102*		*71 - 126*	*10/06/25 07:40*	*10/07/25 22:48*	*1*

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Percent Moisture (EPA Moisture)	**6.9**		1.0	1.0	%			10/07/25 19:23	1
Percent Solids (EPA Moisture)	**93.1**		1.0	1.0	%			10/07/25 19:23	1

Client Sample ID: 4E2_12-13

Lab Sample ID: 460-336309-74
Date Collected: 10/02/25 14:05
Matrix: Solid
Date Received: 10/02/25 16:00
Percent Solids: 91.0

Method: SW846 8260D - Volatile Organic Compounds by GC/MS

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1-Trichloroethane	0.00087	U	0.00087	0.00020	mg/Kg	☼	10/06/25 07:40	10/07/25 23:12	1
1,1,2,2-Tetrachloroethane	0.00087	U	0.00087	0.00045	mg/Kg	☼	10/06/25 07:40	10/07/25 23:12	1
1,1,2-Trichloro-1,2,2-trifluoroethane	0.00087	U	0.00087	0.00026	mg/Kg	☼	10/06/25 07:40	10/07/25 23:12	1
1,1,2-Trichloroethane	0.00087	U	0.00087	0.00052	mg/Kg	☼	10/06/25 07:40	10/07/25 23:12	1
1,1-Dichloroethane	0.00087	U	0.00087	0.00052	mg/Kg	☼	10/06/25 07:40	10/07/25 23:12	1
1,1-Dichloroethene	0.00087	U	0.00087	0.00019	mg/Kg	☼	10/06/25 07:40	10/07/25 23:12	1
1,2,3-Trichlorobenzene	0.00087	U	0.00087	0.00064	mg/Kg	☼	10/06/25 07:40	10/07/25 23:12	1
1,2,4-Trichlorobenzene	0.00087	U	0.00087	0.00031	mg/Kg	☼	10/06/25 07:40	10/07/25 23:12	1
1,2,4-Trimethylbenzene	0.00087	U	0.00087	0.00021	mg/Kg	☼	10/06/25 07:40	10/07/25 23:12	1
1,2-Dibromo-3-Chloropropane	0.00087	U	0.00087	0.00040	mg/Kg	☼	10/06/25 07:40	10/07/25 23:12	1
1,2-Dichlorobenzene	0.00087	U	0.00087	0.00031	mg/Kg	☼	10/06/25 07:40	10/07/25 23:12	1
1,2-Dichloroethane	0.00087	U	0.00087	0.00026	mg/Kg	☼	10/06/25 07:40	10/07/25 23:12	1
1,2-Dichloropropane	0.00087	U	0.00087	0.00037	mg/Kg	☼	10/06/25 07:40	10/07/25 23:12	1
1,3,5-Trimethylbenzene	0.00087	U	0.00087	0.00027	mg/Kg	☼	10/06/25 07:40	10/07/25 23:12	1
1,3-Dichlorobenzene	0.00087	U	0.00087	0.00032	mg/Kg	☼	10/06/25 07:40	10/07/25 23:12	1
1,4-Dichlorobenzene	0.00087	U	0.00087	0.00045	mg/Kg	☼	10/06/25 07:40	10/07/25 23:12	1
2-Butanone (MEK)	0.0043	U	0.0043	0.00032	mg/Kg	☼	10/06/25 07:40	10/07/25 23:12	1
2-Hexanone	0.0043	U	0.0043	0.0015	mg/Kg	☼	10/06/25 07:40	10/07/25 23:12	1
4-Methyl-2-pentanone (MIBK)	0.0043	U	0.0043	0.0013	mg/Kg	☼	10/06/25 07:40	10/07/25 23:12	1
Acetone	**0.028**		0.0052	0.0050	mg/Kg	☼	10/06/25 07:40	10/07/25 23:12	1
Benzene	0.00087	U	0.00087	0.00049	mg/Kg	☼	10/06/25 07:40	10/07/25 23:12	1
Bromoform	0.00087	U	0.00087	0.00037	mg/Kg	☼	10/06/25 07:40	10/07/25 23:12	1
Bromomethane	0.0017	U *	0.0017	0.00087	mg/Kg	☼	10/06/25 07:40	10/07/25 23:12	1

Client Sample ID: 4E2_12-13
Date Collected: 10/02/25 14:05
Date Received: 10/02/25 16:00

Lab Sample ID: 460-336309-74
Matrix: Solid
Percent Solids: 91.0

Method: SW846 8260D - Volatile Organic Compounds by GC/MS (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Carbon disulfide	0.00087	U	0.00087	0.00023	mg/Kg	☼	10/06/25 07:40	10/07/25 23:12	1
Carbon tetrachloride	0.00087	U	0.00087	0.00033	mg/Kg	☼	10/06/25 07:40	10/07/25 23:12	1
Chlorobenzene	0.00087	U	0.00087	0.00044	mg/Kg	☼	10/06/25 07:40	10/07/25 23:12	1
Chlorobromomethane	0.00087	U	0.00087	0.00052	mg/Kg	☼	10/06/25 07:40	10/07/25 23:12	1
Chlorodibromomethane	0.00087	U	0.00087	0.00046	mg/Kg	☼	10/06/25 07:40	10/07/25 23:12	1
Chloroethane	0.00087	U	0.00087	0.00045	mg/Kg	☼	10/06/25 07:40	10/07/25 23:12	1
Chloroform	0.00087	U	0.00087	0.00084	mg/Kg	☼	10/06/25 07:40	10/07/25 23:12	1
Chloromethane	0.00087	U	0.00087	0.00038	mg/Kg	☼	10/06/25 07:40	10/07/25 23:12	1
cis-1,2-Dichloroethene	0.00087	U	0.00087	0.00031	mg/Kg	☼	10/06/25 07:40	10/07/25 23:12	1
cis-1,3-Dichloropropene	0.00087	U	0.00087	0.00024	mg/Kg	☼	10/06/25 07:40	10/07/25 23:12	1
Cyclohexane	0.00087	U	0.00087	0.00019	mg/Kg	☼	10/06/25 07:40	10/07/25 23:12	1
Dichlorobromomethane	0.00087	U	0.00087	0.00022	mg/Kg	☼	10/06/25 07:40	10/07/25 23:12	1
Dichlorodifluoromethane	0.00087	U	0.00087	0.00029	mg/Kg	☼	10/06/25 07:40	10/07/25 23:12	1
Ethylbenzene	0.00087	U	0.00087	0.00041	mg/Kg	☼	10/06/25 07:40	10/07/25 23:12	1
Ethylene Dibromide	0.00087	U	0.00087	0.00044	mg/Kg	☼	10/06/25 07:40	10/07/25 23:12	1
Isopropylbenzene	0.00087	U	0.00087	0.00025	mg/Kg	☼	10/06/25 07:40	10/07/25 23:12	1
Methyl acetate	0.0043	U	0.0043	0.0037	mg/Kg	☼	10/06/25 07:40	10/07/25 23:12	1
Methyl tert-butyl ether	0.00087	U	0.00087	0.00044	mg/Kg	☼	10/06/25 07:40	10/07/25 23:12	1
Methylcyclohexane	0.00087	U	0.00087	0.00043	mg/Kg	☼	10/06/25 07:40	10/07/25 23:12	1
Methylene Chloride	0.0017	U	0.0017	0.00099	mg/Kg	☼	10/06/25 07:40	10/07/25 23:12	1
m-Xylene & p-Xylene	0.00087	U	0.00087	0.00037	mg/Kg	☼	10/06/25 07:40	10/07/25 23:12	1
n-Butylbenzene	0.00087	U	0.00087	0.00025	mg/Kg	☼	10/06/25 07:40	10/07/25 23:12	1
N-Propylbenzene	0.00087	U	0.00087	0.00039	mg/Kg	☼	10/06/25 07:40	10/07/25 23:12	1
o-Xylene	0.00087	U	0.00087	0.00040	mg/Kg	☼	10/06/25 07:40	10/07/25 23:12	1
sec-Butylbenzene	0.00087	U	0.00087	0.00025	mg/Kg	☼	10/06/25 07:40	10/07/25 23:12	1
Styrene	0.00087	U	0.00087	0.00024	mg/Kg	☼	10/06/25 07:40	10/07/25 23:12	1
tert-Butylbenzene	0.00087	U	0.00087	0.00024	mg/Kg	☼	10/06/25 07:40	10/07/25 23:12	1
Tetrachloroethene	0.00087	U	0.00087	0.00026	mg/Kg	☼	10/06/25 07:40	10/07/25 23:12	1
Toluene	0.00087	U	0.00087	0.00020	mg/Kg	☼	10/06/25 07:40	10/07/25 23:12	1
trans-1,2-Dichloroethene	0.00087	U	0.00087	0.00021	mg/Kg	☼	10/06/25 07:40	10/07/25 23:12	1
trans-1,3-Dichloropropene	0.00087	U	0.00087	0.00023	mg/Kg	☼	10/06/25 07:40	10/07/25 23:12	1
Trichloroethene	0.00087	U	0.00087	0.00028	mg/Kg	☼	10/06/25 07:40	10/07/25 23:12	1
Trichlorofluoromethane	0.00087	U	0.00087	0.00035	mg/Kg	☼	10/06/25 07:40	10/07/25 23:12	1
Vinyl chloride	0.00087	U	0.00087	0.00047	mg/Kg	☼	10/06/25 07:40	10/07/25 23:12	1
Xylenes, Total	0.0017	U	0.0017	0.00015	mg/Kg	☼	10/06/25 07:40	10/07/25 23:12	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,2-Dichloroethane-d4 (Surr)	*99*		*65 - 138*	*10/06/25 07:40*	*10/07/25 23:12*	*1*
4-Bromofluorobenzene	*94*		*71 - 128*	*10/06/25 07:40*	*10/07/25 23:12*	*1*
Dibromofluoromethane (Surr)	*98*		*50 - 150*	*10/06/25 07:40*	*10/07/25 23:12*	*1*
Toluene-d8 (Surr)	*100*		*71 - 126*	*10/06/25 07:40*	*10/07/25 23:12*	*1*

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Percent Moisture (EPA Moisture)	**9.0**		1.0	1.0	%			10/07/25 19:23	1
Percent Solids (EPA Moisture)	**91.0**		1.0	1.0	%			10/07/25 19:23	1

Client: Haley & Aldrich, Inc.
Project/Site: Former Port Mobil

Job ID: 460-336309-1

Client Sample ID: 4F1_1-2
Date Collected: 10/02/25 14:10
Date Received: 10/02/25 16:00

Lab Sample ID: 460-336309-75
Matrix: Solid
Percent Solids: 91.0

Method: SW846 8260D - Volatile Organic Compounds by GC/MS

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1-Trichloroethane	0.00088	U	0.00088	0.00020	mg/Kg	☼	10/06/25 07:41	10/07/25 23:36	1
1,1,2,2-Tetrachloroethane	0.00088	U	0.00088	0.00046	mg/Kg	☼	10/06/25 07:41	10/07/25 23:36	1
1,1,2-Trichloro-1,2,2-trifluoroethane	0.00088	U	0.00088	0.00026	mg/Kg	☼	10/06/25 07:41	10/07/25 23:36	1
1,1,2-Trichloroethane	0.00088	U	0.00088	0.00053	mg/Kg	☼	10/06/25 07:41	10/07/25 23:36	1
1,1-Dichloroethane	0.00088	U	0.00088	0.00052	mg/Kg	☼	10/06/25 07:41	10/07/25 23:36	1
1,1-Dichloroethene	0.00088	U	0.00088	0.00020	mg/Kg	☼	10/06/25 07:41	10/07/25 23:36	1
1,2,3-Trichlorobenzene	0.00088	U	0.00088	0.00065	mg/Kg	☼	10/06/25 07:41	10/07/25 23:36	1
1,2,4-Trichlorobenzene	0.00088	U	0.00088	0.00031	mg/Kg	☼	10/06/25 07:41	10/07/25 23:36	1
1,2,4-Trimethylbenzene	0.00088	U	0.00088	0.00022	mg/Kg	☼	10/06/25 07:41	10/07/25 23:36	1
1,2-Dibromo-3-Chloropropane	0.00088	U	0.00088	0.00040	mg/Kg	☼	10/06/25 07:41	10/07/25 23:36	1
1,2-Dichlorobenzene	0.00088	U	0.00088	0.00032	mg/Kg	☼	10/06/25 07:41	10/07/25 23:36	1
1,2-Dichloroethane	0.00088	U	0.00088	0.00026	mg/Kg	☼	10/06/25 07:41	10/07/25 23:36	1
1,2-Dichloropropane	0.00088	U	0.00088	0.00037	mg/Kg	☼	10/06/25 07:41	10/07/25 23:36	1
1,3,5-Trimethylbenzene	0.00088	U	0.00088	0.00028	mg/Kg	☼	10/06/25 07:41	10/07/25 23:36	1
1,3-Dichlorobenzene	0.00088	U	0.00088	0.00032	mg/Kg	☼	10/06/25 07:41	10/07/25 23:36	1
1,4-Dichlorobenzene	0.00088	U	0.00088	0.00046	mg/Kg	☼	10/06/25 07:41	10/07/25 23:36	1
2-Butanone (MEK)	0.0044	U	0.0044	0.00032	mg/Kg	☼	10/06/25 07:41	10/07/25 23:36	1
2-Hexanone	0.0044	U	0.0044	0.0015	mg/Kg	☼	10/06/25 07:41	10/07/25 23:36	1
4-Methyl-2-pentanone (MIBK)	0.0044	U	0.0044	0.0014	mg/Kg	☼	10/06/25 07:41	10/07/25 23:36	1
Acetone	0.0053	U	0.0053	0.0050	mg/Kg	☼	10/06/25 07:41	10/07/25 23:36	1
Benzene	0.00088	U	0.00088	0.00050	mg/Kg	☼	10/06/25 07:41	10/07/25 23:36	1
Bromoform	0.00088	U	0.00088	0.00037	mg/Kg	☼	10/06/25 07:41	10/07/25 23:36	1
Bromomethane	0.0018	U *	0.0018	0.00088	mg/Kg	☼	10/06/25 07:41	10/07/25 23:36	1
Carbon disulfide	0.00088	U	0.00088	0.00023	mg/Kg	☼	10/06/25 07:41	10/07/25 23:36	1
Carbon tetrachloride	0.00088	U	0.00088	0.00034	mg/Kg	☼	10/06/25 07:41	10/07/25 23:36	1
Chlorobenzene	0.00088	U	0.00088	0.00045	mg/Kg	☼	10/06/25 07:41	10/07/25 23:36	1
Chlorobromomethane	0.00088	U	0.00088	0.00052	mg/Kg	☼	10/06/25 07:41	10/07/25 23:36	1
Chlorodibromomethane	0.00088	U	0.00088	0.00047	mg/Kg	☼	10/06/25 07:41	10/07/25 23:36	1
Chloroethane	0.00088	U	0.00088	0.00046	mg/Kg	☼	10/06/25 07:41	10/07/25 23:36	1
Chloroform	0.00088	U	0.00088	0.00085	mg/Kg	☼	10/06/25 07:41	10/07/25 23:36	1
Chloromethane	0.00088	U	0.00088	0.00038	mg/Kg	☼	10/06/25 07:41	10/07/25 23:36	1
cis-1,2-Dichloroethene	0.00088	U	0.00088	0.00031	mg/Kg	☼	10/06/25 07:41	10/07/25 23:36	1
cis-1,3-Dichloropropene	0.00088	U	0.00088	0.00024	mg/Kg	☼	10/06/25 07:41	10/07/25 23:36	1
Cyclohexane	0.00088	U	0.00088	0.00019	mg/Kg	☼	10/06/25 07:41	10/07/25 23:36	1
Dichlorobromomethane	0.00088	U	0.00088	0.00023	mg/Kg	☼	10/06/25 07:41	10/07/25 23:36	1
Dichlorodifluoromethane	0.00088	U	0.00088	0.00030	mg/Kg	☼	10/06/25 07:41	10/07/25 23:36	1
Ethylbenzene	0.00088	U	0.00088	0.00041	mg/Kg	☼	10/06/25 07:41	10/07/25 23:36	1
Ethylene Dibromide	0.00088	U	0.00088	0.00044	mg/Kg	☼	10/06/25 07:41	10/07/25 23:36	1
Isopropylbenzene	0.00088	U	0.00088	0.00025	mg/Kg	☼	10/06/25 07:41	10/07/25 23:36	1
Methyl acetate	0.0044	U	0.0044	0.0038	mg/Kg	☼	10/06/25 07:41	10/07/25 23:36	1
Methyl tert-butyl ether	0.00088	U	0.00088	0.00045	mg/Kg	☼	10/06/25 07:41	10/07/25 23:36	1
Methylcyclohexane	0.00088	U	0.00088	0.00044	mg/Kg	☼	10/06/25 07:41	10/07/25 23:36	1
Methylene Chloride	**0.0036**		0.0018	0.0010	mg/Kg	☼	10/06/25 07:41	10/07/25 23:36	1
m-Xylene & p-Xylene	0.00088	U	0.00088	0.00037	mg/Kg	☼	10/06/25 07:41	10/07/25 23:36	1
n-Butylbenzene	0.00088	U	0.00088	0.00026	mg/Kg	☼	10/06/25 07:41	10/07/25 23:36	1
N-Propylbenzene	0.00088	U	0.00088	0.00039	mg/Kg	☼	10/06/25 07:41	10/07/25 23:36	1
o-Xylene	0.00088	U	0.00088	0.00041	mg/Kg	☼	10/06/25 07:41	10/07/25 23:36	1
sec-Butylbenzene	0.00088	U	0.00088	0.00025	mg/Kg	☼	10/06/25 07:41	10/07/25 23:36	1
Styrene	0.00088	U	0.00088	0.00024	mg/Kg	☼	10/06/25 07:41	10/07/25 23:36	1

Client Sample ID: 4F1_1-2

Date Collected: 10/02/25 14:10
Date Received: 10/02/25 16:00

Lab Sample ID: 460-336309-75

Matrix: Solid
Percent Solids: 91.0

Method: SW846 8260D - Volatile Organic Compounds by GC/MS (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
tert-Butylbenzene	0.00088	U	0.00088	0.00024	mg/Kg	☼	10/06/25 07:41	10/07/25 23:36	1
Tetrachloroethene	0.00088	U	0.00088	0.00027	mg/Kg	☼	10/06/25 07:41	10/07/25 23:36	1
Toluene	0.00088	U	0.00088	0.00021	mg/Kg	☼	10/06/25 07:41	10/07/25 23:36	1
trans-1,2-Dichloroethene	0.00088	U	0.00088	0.00022	mg/Kg	☼	10/06/25 07:41	10/07/25 23:36	1
trans-1,3-Dichloropropene	0.00088	U	0.00088	0.00023	mg/Kg	☼	10/06/25 07:41	10/07/25 23:36	1
Trichloroethene	0.00088	U	0.00088	0.00028	mg/Kg	☼	10/06/25 07:41	10/07/25 23:36	1
Trichlorofluoromethane	0.00088	U	0.00088	0.00036	mg/Kg	☼	10/06/25 07:41	10/07/25 23:36	1
Vinyl chloride	0.00088	U	0.00088	0.00048	mg/Kg	☼	10/06/25 07:41	10/07/25 23:36	1
Xylenes, Total	0.0018	U	0.0018	0.00015	mg/Kg	☼	10/06/25 07:41	10/07/25 23:36	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,2-Dichloroethane-d4 (Surr)	*98*		*65 - 138*	*10/06/25 07:41*	*10/07/25 23:36*	*1*
4-Bromofluorobenzene	*95*		*71 - 128*	*10/06/25 07:41*	*10/07/25 23:36*	*1*
Dibromofluoromethane (Surr)	*99*		*50 - 150*	*10/06/25 07:41*	*10/07/25 23:36*	*1*
Toluene-d8 (Surr)	*101*		*71 - 126*	*10/06/25 07:41*	*10/07/25 23:36*	*1*

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Percent Moisture (EPA Moisture)	**9.0**		1.0	1.0	%			10/07/25 19:23	1
Percent Solids (EPA Moisture)	**91.0**		1.0	1.0	%			10/07/25 19:23	1

Client Sample ID: 4F2_3-4

Date Collected: 10/02/25 14:15
Date Received: 10/02/25 16:00

Lab Sample ID: 460-336309-76

Matrix: Solid
Percent Solids: 92.7

Method: SW846 8260D - Volatile Organic Compounds by GC/MS

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1-Trichloroethane	0.00093	U	0.00093	0.00022	mg/Kg	☼	10/06/25 07:41	10/08/25 00:00	1
1,1,2,2-Tetrachloroethane	0.00093	U	0.00093	0.00048	mg/Kg	☼	10/06/25 07:41	10/08/25 00:00	1
1,1,2-Trichloro-1,2,2-trifluoroethane	0.00093	U	0.00093	0.00028	mg/Kg	☼	10/06/25 07:41	10/08/25 00:00	1
1,1,2-Trichloroethane	0.00093	U	0.00093	0.00056	mg/Kg	☼	10/06/25 07:41	10/08/25 00:00	1
1,1-Dichloroethane	0.00093	U	0.00093	0.00055	mg/Kg	☼	10/06/25 07:41	10/08/25 00:00	1
1,1-Dichloroethene	0.00093	U	0.00093	0.00021	mg/Kg	☼	10/06/25 07:41	10/08/25 00:00	1
1,2,3-Trichlorobenzene	0.00093	U	0.00093	0.00068	mg/Kg	☼	10/06/25 07:41	10/08/25 00:00	1
1,2,4-Trichlorobenzene	0.00093	U	0.00093	0.00033	mg/Kg	☼	10/06/25 07:41	10/08/25 00:00	1
1,2,4-Trimethylbenzene	0.00093	U	0.00093	0.00023	mg/Kg	☼	10/06/25 07:41	10/08/25 00:00	1
1,2-Dibromo-3-Chloropropane	0.00093	U	0.00093	0.00043	mg/Kg	☼	10/06/25 07:41	10/08/25 00:00	1
1,2-Dichlorobenzene	0.00093	U	0.00093	0.00033	mg/Kg	☼	10/06/25 07:41	10/08/25 00:00	1
1,2-Dichloroethane	0.00093	U	0.00093	0.00027	mg/Kg	☼	10/06/25 07:41	10/08/25 00:00	1
1,2-Dichloropropane	0.00093	U	0.00093	0.00039	mg/Kg	☼	10/06/25 07:41	10/08/25 00:00	1
1,3,5-Trimethylbenzene	0.00093	U	0.00093	0.00029	mg/Kg	☼	10/06/25 07:41	10/08/25 00:00	1
1,3-Dichlorobenzene	0.00093	U	0.00093	0.00034	mg/Kg	☼	10/06/25 07:41	10/08/25 00:00	1
1,4-Dichlorobenzene	0.00093	U	0.00093	0.00048	mg/Kg	☼	10/06/25 07:41	10/08/25 00:00	1
2-Butanone (MEK)	0.0046	U	0.0046	0.00034	mg/Kg	☼	10/06/25 07:41	10/08/25 00:00	1
2-Hexanone	0.0046	U	0.0046	0.0016	mg/Kg	☼	10/06/25 07:41	10/08/25 00:00	1
4-Methyl-2-pentanone (MIBK)	0.0046	U	0.0046	0.0014	mg/Kg	☼	10/06/25 07:41	10/08/25 00:00	1
Acetone	0.0056	U	0.0056	0.0053	mg/Kg	☼	10/06/25 07:41	10/08/25 00:00	1
Benzene	0.00093	U	0.00093	0.00052	mg/Kg	☼	10/06/25 07:41	10/08/25 00:00	1
Bromoform	0.00093	U	0.00093	0.00039	mg/Kg	☼	10/06/25 07:41	10/08/25 00:00	1
Bromomethane	0.0019	U *	0.0019	0.00093	mg/Kg	☼	10/06/25 07:41	10/08/25 00:00	1

Client Sample ID: 4F2_3-4
Date Collected: 10/02/25 14:15
Date Received: 10/02/25 16:00

Lab Sample ID: 460-336309-76
Matrix: Solid
Percent Solids: 92.7

Method: SW846 8260D - Volatile Organic Compounds by GC/MS (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Carbon disulfide	0.00093	U	0.00093	0.00025	mg/Kg	☼	10/06/25 07:41	10/08/25 00:00	1
Carbon tetrachloride	0.00093	U	0.00093	0.00036	mg/Kg	☼	10/06/25 07:41	10/08/25 00:00	1
Chlorobenzene	0.00093	U	0.00093	0.00047	mg/Kg	☼	10/06/25 07:41	10/08/25 00:00	1
Chlorobromomethane	0.00093	U	0.00093	0.00055	mg/Kg	☼	10/06/25 07:41	10/08/25 00:00	1
Chlorodibromomethane	0.00093	U	0.00093	0.00050	mg/Kg	☼	10/06/25 07:41	10/08/25 00:00	1
Chloroethane	0.00093	U	0.00093	0.00048	mg/Kg	☼	10/06/25 07:41	10/08/25 00:00	1
Chloroform	0.00093	U	0.00093	0.00090	mg/Kg	☼	10/06/25 07:41	10/08/25 00:00	1
Chloromethane	0.00093	U	0.00093	0.00040	mg/Kg	☼	10/06/25 07:41	10/08/25 00:00	1
cis-1,2-Dichloroethene	0.00093	U	0.00093	0.00033	mg/Kg	☼	10/06/25 07:41	10/08/25 00:00	1
cis-1,3-Dichloropropene	0.00093	U	0.00093	0.00025	mg/Kg	☼	10/06/25 07:41	10/08/25 00:00	1
Cyclohexane	0.00093	U	0.00093	0.00020	mg/Kg	☼	10/06/25 07:41	10/08/25 00:00	1
Dichlorobromomethane	0.00093	U	0.00093	0.00024	mg/Kg	☼	10/06/25 07:41	10/08/25 00:00	1
Dichlorodifluoromethane	0.00093	U	0.00093	0.00031	mg/Kg	☼	10/06/25 07:41	10/08/25 00:00	1
Ethylbenzene	0.00093	U	0.00093	0.00043	mg/Kg	☼	10/06/25 07:41	10/08/25 00:00	1
Ethylene Dibromide	0.00093	U	0.00093	0.00047	mg/Kg	☼	10/06/25 07:41	10/08/25 00:00	1
Isopropylbenzene	0.00093	U	0.00093	0.00026	mg/Kg	☼	10/06/25 07:41	10/08/25 00:00	1
Methyl acetate	0.0046	U	0.0046	0.0040	mg/Kg	☼	10/06/25 07:41	10/08/25 00:00	1
Methyl tert-butyl ether	0.00093	U	0.00093	0.00047	mg/Kg	☼	10/06/25 07:41	10/08/25 00:00	1
Methylcyclohexane	0.00093	U	0.00093	0.00046	mg/Kg	☼	10/06/25 07:41	10/08/25 00:00	1
Methylene Chloride	0.0019	U	0.0019	0.0011	mg/Kg	☼	10/06/25 07:41	10/08/25 00:00	1
m-Xylene & p-Xylene	0.00093	U	0.00093	0.00039	mg/Kg	☼	10/06/25 07:41	10/08/25 00:00	1
n-Butylbenzene	0.00093	U	0.00093	0.00027	mg/Kg	☼	10/06/25 07:41	10/08/25 00:00	1
N-Propylbenzene	0.00093	U	0.00093	0.00042	mg/Kg	☼	10/06/25 07:41	10/08/25 00:00	1
o-Xylene	0.00093	U	0.00093	0.00043	mg/Kg	☼	10/06/25 07:41	10/08/25 00:00	1
sec-Butylbenzene	0.00093	U	0.00093	0.00027	mg/Kg	☼	10/06/25 07:41	10/08/25 00:00	1
Styrene	0.00093	U	0.00093	0.00026	mg/Kg	☼	10/06/25 07:41	10/08/25 00:00	1
tert-Butylbenzene	0.00093	U	0.00093	0.00026	mg/Kg	☼	10/06/25 07:41	10/08/25 00:00	1
Tetrachloroethene	0.00093	U	0.00093	0.00028	mg/Kg	☼	10/06/25 07:41	10/08/25 00:00	1
Toluene	**0.00037**	**J**	0.00093	0.00022	mg/Kg	☼	10/06/25 07:41	10/08/25 00:00	1
trans-1,2-Dichloroethene	0.00093	U	0.00093	0.00023	mg/Kg	☼	10/06/25 07:41	10/08/25 00:00	1
trans-1,3-Dichloropropene	0.00093	U	0.00093	0.00025	mg/Kg	☼	10/06/25 07:41	10/08/25 00:00	1
Trichloroethene	0.00093	U	0.00093	0.00030	mg/Kg	☼	10/06/25 07:41	10/08/25 00:00	1
Trichlorofluoromethane	0.00093	U	0.00093	0.00038	mg/Kg	☼	10/06/25 07:41	10/08/25 00:00	1
Vinyl chloride	0.00093	U	0.00093	0.00051	mg/Kg	☼	10/06/25 07:41	10/08/25 00:00	1
Xylenes, Total	0.0019	U	0.0019	0.00016	mg/Kg	☼	10/06/25 07:41	10/08/25 00:00	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,2-Dichloroethane-d4 (Surr)	*97*		*65 - 138*	*10/06/25 07:41*	*10/08/25 00:00*	*1*
4-Bromofluorobenzene	*96*		*71 - 128*	*10/06/25 07:41*	*10/08/25 00:00*	*1*
Dibromofluoromethane (Surr)	*97*		*50 - 150*	*10/06/25 07:41*	*10/08/25 00:00*	*1*
Toluene-d8 (Surr)	*101*		*71 - 126*	*10/06/25 07:41*	*10/08/25 00:00*	*1*

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Percent Moisture (EPA Moisture)	**7.3**		1.0	1.0	%			10/07/25 19:23	1
Percent Solids (EPA Moisture)	**92.7**		1.0	1.0	%			10/07/25 19:23	1

Client: Haley & Aldrich, Inc.
Project/Site: Former Port Mobil

Job ID: 460-336309-1

Client Sample ID: 4F3_5-6
Date Collected: 10/02/25 14:20
Date Received: 10/02/25 16:00

Lab Sample ID: 460-336309-77
Matrix: Solid
Percent Solids: 95.7

Method: SW846 8260D - Volatile Organic Compounds by GC/MS

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1-Trichloroethane	0.00097	U	0.00097	0.00023	mg/Kg	☼	10/06/25 07:42	10/08/25 00:24	1
1,1,2,2-Tetrachloroethane	0.00097	U	0.00097	0.00051	mg/Kg	☼	10/06/25 07:42	10/08/25 00:24	1
1,1,2-Trichloro-1,2,2-trifluoroethane	0.00097	U	0.00097	0.00029	mg/Kg	☼	10/06/25 07:42	10/08/25 00:24	1
1,1,2-Trichloroethane	0.00097	U	0.00097	0.00058	mg/Kg	☼	10/06/25 07:42	10/08/25 00:24	1
1,1-Dichloroethane	0.00097	U	0.00097	0.00058	mg/Kg	☼	10/06/25 07:42	10/08/25 00:24	1
1,1-Dichloroethene	0.00097	U	0.00097	0.00022	mg/Kg	☼	10/06/25 07:42	10/08/25 00:24	1
1,2,3-Trichlorobenzene	0.00097	U	0.00097	0.00072	mg/Kg	☼	10/06/25 07:42	10/08/25 00:24	1
1,2,4-Trichlorobenzene	0.00097	U	0.00097	0.00035	mg/Kg	☼	10/06/25 07:42	10/08/25 00:24	1
1,2,4-Trimethylbenzene	0.00097	U	0.00097	0.00024	mg/Kg	☼	10/06/25 07:42	10/08/25 00:24	1
1,2-Dibromo-3-Chloropropane	0.00097	U	0.00097	0.00045	mg/Kg	☼	10/06/25 07:42	10/08/25 00:24	1
1,2-Dichlorobenzene	0.00097	U	0.00097	0.00035	mg/Kg	☼	10/06/25 07:42	10/08/25 00:24	1
1,2-Dichloroethane	0.00097	U	0.00097	0.00029	mg/Kg	☼	10/06/25 07:42	10/08/25 00:24	1
1,2-Dichloropropane	0.00097	U	0.00097	0.00041	mg/Kg	☼	10/06/25 07:42	10/08/25 00:24	1
1,3,5-Trimethylbenzene	0.00097	U	0.00097	0.00030	mg/Kg	☼	10/06/25 07:42	10/08/25 00:24	1
1,3-Dichlorobenzene	0.00097	U	0.00097	0.00035	mg/Kg	☼	10/06/25 07:42	10/08/25 00:24	1
1,4-Dichlorobenzene	0.00097	U	0.00097	0.00050	mg/Kg	☼	10/06/25 07:42	10/08/25 00:24	1
2-Butanone (MEK)	0.0049	U	0.0049	0.00036	mg/Kg	☼	10/06/25 07:42	10/08/25 00:24	1
2-Hexanone	0.0049	U	0.0049	0.0017	mg/Kg	☼	10/06/25 07:42	10/08/25 00:24	1
4-Methyl-2-pentanone (MIBK)	0.0049	U	0.0049	0.0015	mg/Kg	☼	10/06/25 07:42	10/08/25 00:24	1
Acetone	0.0058	U	0.0058	0.0056	mg/Kg	☼	10/06/25 07:42	10/08/25 00:24	1
Benzene	0.00097	U	0.00097	0.00055	mg/Kg	☼	10/06/25 07:42	10/08/25 00:24	1
Bromoform	**0.00061**	**J**	0.00097	0.00041	mg/Kg	☼	10/06/25 07:42	10/08/25 00:24	1
Bromomethane	0.0019	U *	0.0019	0.00097	mg/Kg	☼	10/06/25 07:42	10/08/25 00:24	1
Carbon disulfide	0.00097	U	0.00097	0.00026	mg/Kg	☼	10/06/25 07:42	10/08/25 00:24	1
Carbon tetrachloride	0.00097	U	0.00097	0.00038	mg/Kg	☼	10/06/25 07:42	10/08/25 00:24	1
Chlorobenzene	0.00097	U	0.00097	0.00049	mg/Kg	☼	10/06/25 07:42	10/08/25 00:24	1
Chlorobromomethane	0.00097	U	0.00097	0.00058	mg/Kg	☼	10/06/25 07:42	10/08/25 00:24	1
Chlorodibromomethane	0.00097	U	0.00097	0.00052	mg/Kg	☼	10/06/25 07:42	10/08/25 00:24	1
Chloroethane	0.00097	U	0.00097	0.00051	mg/Kg	☼	10/06/25 07:42	10/08/25 00:24	1
Chloroform	0.00097	U	0.00097	0.00094	mg/Kg	☼	10/06/25 07:42	10/08/25 00:24	1
Chloromethane	0.00097	U	0.00097	0.00042	mg/Kg	☼	10/06/25 07:42	10/08/25 00:24	1
cis-1,2-Dichloroethene	0.00097	U	0.00097	0.00035	mg/Kg	☼	10/06/25 07:42	10/08/25 00:24	1
cis-1,3-Dichloropropene	0.00097	U	0.00097	0.00026	mg/Kg	☼	10/06/25 07:42	10/08/25 00:24	1
Cyclohexane	0.00097	U	0.00097	0.00021	mg/Kg	☼	10/06/25 07:42	10/08/25 00:24	1
Dichlorobromomethane	0.00097	U	0.00097	0.00025	mg/Kg	☼	10/06/25 07:42	10/08/25 00:24	1
Dichlorodifluoromethane	0.00097	U	0.00097	0.00033	mg/Kg	☼	10/06/25 07:42	10/08/25 00:24	1
Ethylbenzene	0.00097	U	0.00097	0.00045	mg/Kg	☼	10/06/25 07:42	10/08/25 00:24	1
Ethylene Dibromide	0.00097	U	0.00097	0.00049	mg/Kg	☼	10/06/25 07:42	10/08/25 00:24	1
Isopropylbenzene	0.00097	U	0.00097	0.00028	mg/Kg	☼	10/06/25 07:42	10/08/25 00:24	1
Methyl acetate	0.0049	U	0.0049	0.0042	mg/Kg	☼	10/06/25 07:42	10/08/25 00:24	1
Methyl tert-butyl ether	0.00097	U	0.00097	0.00050	mg/Kg	☼	10/06/25 07:42	10/08/25 00:24	1
Methylcyclohexane	0.00097	U	0.00097	0.00048	mg/Kg	☼	10/06/25 07:42	10/08/25 00:24	1
Methylene Chloride	0.0019	U	0.0019	0.0011	mg/Kg	☼	10/06/25 07:42	10/08/25 00:24	1
m-Xylene & p-Xylene	0.00097	U	0.00097	0.00041	mg/Kg	☼	10/06/25 07:42	10/08/25 00:24	1
n-Butylbenzene	0.00097	U	0.00097	0.00029	mg/Kg	☼	10/06/25 07:42	10/08/25 00:24	1
N-Propylbenzene	0.00097	U	0.00097	0.00044	mg/Kg	☼	10/06/25 07:42	10/08/25 00:24	1
o-Xylene	0.00097	U	0.00097	0.00045	mg/Kg	☼	10/06/25 07:42	10/08/25 00:24	1
sec-Butylbenzene	0.00097	U	0.00097	0.00028	mg/Kg	☼	10/06/25 07:42	10/08/25 00:24	1
Styrene	0.00097	U	0.00097	0.00027	mg/Kg	☼	10/06/25 07:42	10/08/25 00:24	1

Client Sample ID: 4F3_5-6

Date Collected: 10/02/25 14:20
Date Received: 10/02/25 16:00

Lab Sample ID: 460-336309-77

Matrix: Solid
Percent Solids: 95.7

Method: SW846 8260D - Volatile Organic Compounds by GC/MS (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
tert-Butylbenzene	0.00097	U	0.00097	0.00027	mg/Kg	☼	10/06/25 07:42	10/08/25 00:24	1
Tetrachloroethene	0.00097	U	0.00097	0.00030	mg/Kg	☼	10/06/25 07:42	10/08/25 00:24	1
Toluene	0.00097	U	0.00097	0.00023	mg/Kg	☼	10/06/25 07:42	10/08/25 00:24	1
trans-1,2-Dichloroethene	0.00097	U	0.00097	0.00024	mg/Kg	☼	10/06/25 07:42	10/08/25 00:24	1
trans-1,3-Dichloropropene	0.00097	U	0.00097	0.00026	mg/Kg	☼	10/06/25 07:42	10/08/25 00:24	1
Trichloroethene	0.00097	U	0.00097	0.00031	mg/Kg	☼	10/06/25 07:42	10/08/25 00:24	1
Trichlorofluoromethane	0.00097	U	0.00097	0.00039	mg/Kg	☼	10/06/25 07:42	10/08/25 00:24	1
Vinyl chloride	0.00097	U	0.00097	0.00053	mg/Kg	☼	10/06/25 07:42	10/08/25 00:24	1
Xylenes, Total	0.0019	U	0.0019	0.00017	mg/Kg	☼	10/06/25 07:42	10/08/25 00:24	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,2-Dichloroethane-d4 (Surr)	*100*		*65 - 138*	*10/06/25 07:42*	*10/08/25 00:24*	*1*
4-Bromofluorobenzene	*100*		*71 - 128*	*10/06/25 07:42*	*10/08/25 00:24*	*1*
Dibromofluoromethane (Surr)	*99*		*50 - 150*	*10/06/25 07:42*	*10/08/25 00:24*	*1*
Toluene-d8 (Surr)	*101*		*71 - 126*	*10/06/25 07:42*	*10/08/25 00:24*	*1*

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Percent Moisture (EPA Moisture)	**4.3**		1.0	1.0	%			10/07/25 19:23	1
Percent Solids (EPA Moisture)	**95.7**		1.0	1.0	%			10/07/25 19:23	1

Client Sample ID: 4F1_6-7

Date Collected: 10/02/25 14:25
Date Received: 10/02/25 16:00

Lab Sample ID: 460-336309-78

Matrix: Solid
Percent Solids: 90.7

Method: SW846 8260D - Volatile Organic Compounds by GC/MS

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1-Trichloroethane	0.0015	U	0.0015	0.00035	mg/Kg	☼	10/06/25 07:42	10/08/25 00:48	1
1,1,2,2-Tetrachloroethane	0.0015	U	0.0015	0.00078	mg/Kg	☼	10/06/25 07:42	10/08/25 00:48	1
1,1,2-Trichloro-1,2,2-trifluoroethane	0.0015	U	0.0015	0.00045	mg/Kg	☼	10/06/25 07:42	10/08/25 00:48	1
1,1,2-Trichloroethane	0.0015	U	0.0015	0.00090	mg/Kg	☼	10/06/25 07:42	10/08/25 00:48	1
1,1-Dichloroethane	0.0015	U	0.0015	0.00090	mg/Kg	☼	10/06/25 07:42	10/08/25 00:48	1
1,1-Dichloroethene	0.0015	U	0.0015	0.00034	mg/Kg	☼	10/06/25 07:42	10/08/25 00:48	1
1,2,3-Trichlorobenzene	0.0015	U	0.0015	0.0011	mg/Kg	☼	10/06/25 07:42	10/08/25 00:48	1
1,2,4-Trichlorobenzene	0.0015	U	0.0015	0.00054	mg/Kg	☼	10/06/25 07:42	10/08/25 00:48	1
1,2,4-Trimethylbenzene	0.0015	U	0.0015	0.00037	mg/Kg	☼	10/06/25 07:42	10/08/25 00:48	1
1,2-Dibromo-3-Chloropropane	0.0015	U	0.0015	0.00069	mg/Kg	☼	10/06/25 07:42	10/08/25 00:48	1
1,2-Dichlorobenzene	0.0015	U	0.0015	0.00054	mg/Kg	☼	10/06/25 07:42	10/08/25 00:48	1
1,2-Dichloroethane	0.0015	U	0.0015	0.00044	mg/Kg	☼	10/06/25 07:42	10/08/25 00:48	1
1,2-Dichloropropane	0.0015	U	0.0015	0.00064	mg/Kg	☼	10/06/25 07:42	10/08/25 00:48	1
1,3,5-Trimethylbenzene	0.0015	U	0.0015	0.00047	mg/Kg	☼	10/06/25 07:42	10/08/25 00:48	1
1,3-Dichlorobenzene	0.0015	U	0.0015	0.00055	mg/Kg	☼	10/06/25 07:42	10/08/25 00:48	1
1,4-Dichlorobenzene	0.0015	U	0.0015	0.00078	mg/Kg	☼	10/06/25 07:42	10/08/25 00:48	1
2-Butanone (MEK)	0.0075	U	0.0075	0.00055	mg/Kg	☼	10/06/25 07:42	10/08/25 00:48	1
2-Hexanone	0.0075	U	0.0075	0.0026	mg/Kg	☼	10/06/25 07:42	10/08/25 00:48	1
4-Methyl-2-pentanone (MIBK)	0.0075	U	0.0075	0.0023	mg/Kg	☼	10/06/25 07:42	10/08/25 00:48	1
Acetone	**0.015**		0.0090	0.0086	mg/Kg	☼	10/06/25 07:42	10/08/25 00:48	1
Benzene	0.0015	U	0.0015	0.00085	mg/Kg	☼	10/06/25 07:42	10/08/25 00:48	1
Bromoform	0.0015	U	0.0015	0.00064	mg/Kg	☼	10/06/25 07:42	10/08/25 00:48	1
Bromomethane	0.0030	U *	0.0030	0.0015	mg/Kg	☼	10/06/25 07:42	10/08/25 00:48	1

Client Sample ID: 4F1_6-7
Date Collected: 10/02/25 14:25
Date Received: 10/02/25 16:00

Lab Sample ID: 460-336309-78
Matrix: Solid
Percent Solids: 90.7

Method: SW846 8260D - Volatile Organic Compounds by GC/MS (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Carbon disulfide	**0.0014**	**J**	0.0015	0.00040	mg/Kg	☼	10/06/25 07:42	10/08/25 00:48	1
Carbon tetrachloride	0.0015	U	0.0015	0.00058	mg/Kg	☼	10/06/25 07:42	10/08/25 00:48	1
Chlorobenzene	0.0015	U	0.0015	0.00076	mg/Kg	☼	10/06/25 07:42	10/08/25 00:48	1
Chlorobromomethane	0.0015	U	0.0015	0.00090	mg/Kg	☼	10/06/25 07:42	10/08/25 00:48	1
Chlorodibromomethane	0.0015	U	0.0015	0.00081	mg/Kg	☼	10/06/25 07:42	10/08/25 00:48	1
Chloroethane	0.0015	U	0.0015	0.00078	mg/Kg	☼	10/06/25 07:42	10/08/25 00:48	1
Chloroform	0.0015	U	0.0015	0.0015	mg/Kg	☼	10/06/25 07:42	10/08/25 00:48	1
Chloromethane	0.0015	U	0.0015	0.00065	mg/Kg	☼	10/06/25 07:42	10/08/25 00:48	1
cis-1,2-Dichloroethene	0.0015	U	0.0015	0.00054	mg/Kg	☼	10/06/25 07:42	10/08/25 00:48	1
cis-1,3-Dichloropropene	0.0015	U	0.0015	0.00041	mg/Kg	☼	10/06/25 07:42	10/08/25 00:48	1
Cyclohexane	0.0015	U	0.0015	0.00033	mg/Kg	☼	10/06/25 07:42	10/08/25 00:48	1
Dichlorobromomethane	0.0015	U	0.0015	0.00039	mg/Kg	☼	10/06/25 07:42	10/08/25 00:48	1
Dichlorodifluoromethane	0.0015	U	0.0015	0.00051	mg/Kg	☼	10/06/25 07:42	10/08/25 00:48	1
Ethylbenzene	0.0015	U	0.0015	0.00070	mg/Kg	☼	10/06/25 07:42	10/08/25 00:48	1
Ethylene Dibromide	0.0015	U	0.0015	0.00076	mg/Kg	☼	10/06/25 07:42	10/08/25 00:48	1
Isopropylbenzene	0.0015	U	0.0015	0.00043	mg/Kg	☼	10/06/25 07:42	10/08/25 00:48	1
Methyl acetate	0.0075	U	0.0075	0.0065	mg/Kg	☼	10/06/25 07:42	10/08/25 00:48	1
Methyl tert-butyl ether	0.0015	U	0.0015	0.00077	mg/Kg	☼	10/06/25 07:42	10/08/25 00:48	1
Methylcyclohexane	0.0015	U	0.0015	0.00075	mg/Kg	☼	10/06/25 07:42	10/08/25 00:48	1
Methylene Chloride	0.0030	U	0.0030	0.0017	mg/Kg	☼	10/06/25 07:42	10/08/25 00:48	1
m-Xylene & p-Xylene	0.0015	U	0.0015	0.00064	mg/Kg	☼	10/06/25 07:42	10/08/25 00:48	1
n-Butylbenzene	0.0015	U	0.0015	0.00044	mg/Kg	☼	10/06/25 07:42	10/08/25 00:48	1
N-Propylbenzene	0.0015	U	0.0015	0.00067	mg/Kg	☼	10/06/25 07:42	10/08/25 00:48	1
o-Xylene	0.0015	U	0.0015	0.00069	mg/Kg	☼	10/06/25 07:42	10/08/25 00:48	1
sec-Butylbenzene	0.0015	U	0.0015	0.00043	mg/Kg	☼	10/06/25 07:42	10/08/25 00:48	1
Styrene	0.0015	U	0.0015	0.00042	mg/Kg	☼	10/06/25 07:42	10/08/25 00:48	1
tert-Butylbenzene	0.0015	U	0.0015	0.00041	mg/Kg	☼	10/06/25 07:42	10/08/25 00:48	1
Tetrachloroethene	0.0015	U	0.0015	0.00046	mg/Kg	☼	10/06/25 07:42	10/08/25 00:48	1
Toluene	0.0015	U	0.0015	0.00035	mg/Kg	☼	10/06/25 07:42	10/08/25 00:48	1
trans-1,2-Dichloroethene	0.0015	U	0.0015	0.00037	mg/Kg	☼	10/06/25 07:42	10/08/25 00:48	1
trans-1,3-Dichloropropene	0.0015	U	0.0015	0.00040	mg/Kg	☼	10/06/25 07:42	10/08/25 00:48	1
Trichloroethene	0.0015	U	0.0015	0.00048	mg/Kg	☼	10/06/25 07:42	10/08/25 00:48	1
Trichlorofluoromethane	0.0015	U	0.0015	0.00061	mg/Kg	☼	10/06/25 07:42	10/08/25 00:48	1
Vinyl chloride	0.0015	U	0.0015	0.00082	mg/Kg	☼	10/06/25 07:42	10/08/25 00:48	1
Xylenes, Total	0.0030	U	0.0030	0.00026	mg/Kg	☼	10/06/25 07:42	10/08/25 00:48	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,2-Dichloroethane-d4 (Surr)	*99*		*65 - 138*	*10/06/25 07:42*	*10/08/25 00:48*	*1*
4-Bromofluorobenzene	*97*		*71 - 128*	*10/06/25 07:42*	*10/08/25 00:48*	*1*
Dibromofluoromethane (Surr)	*99*		*50 - 150*	*10/06/25 07:42*	*10/08/25 00:48*	*1*
Toluene-d8 (Surr)	*101*		*71 - 126*	*10/06/25 07:42*	*10/08/25 00:48*	*1*

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Percent Moisture (EPA Moisture)	**9.3**		1.0	1.0	%			10/07/25 19:23	1
Percent Solids (EPA Moisture)	**90.7**		1.0	1.0	%			10/07/25 19:23	1

Client: Haley & Aldrich, Inc.
Project/Site: Former Port Mobil

Job ID: 460-336309-1

Client Sample ID: 4F2_8-9
Date Collected: 10/02/25 14:30
Date Received: 10/02/25 16:00

Lab Sample ID: 460-336309-79
Matrix: Solid
Percent Solids: 94.9

Method: SW846 8260D - Volatile Organic Compounds by GC/MS

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1-Trichloroethane	0.0010	U	0.0010	0.00024	mg/Kg	☼	10/06/25 07:42	10/08/25 01:12	1
1,1,2,2-Tetrachloroethane	0.0010	U	0.0010	0.00053	mg/Kg	☼	10/06/25 07:42	10/08/25 01:12	1
1,1,2-Trichloro-1,2,2-trifluoroethane	0.0010	U	0.0010	0.00031	mg/Kg	☼	10/06/25 07:42	10/08/25 01:12	1
1,1,2-Trichloroethane	0.0010	U	0.0010	0.00061	mg/Kg	☼	10/06/25 07:42	10/08/25 01:12	1
1,1-Dichloroethane	0.0010	U	0.0010	0.00061	mg/Kg	☼	10/06/25 07:42	10/08/25 01:12	1
1,1-Dichloroethene	0.0010	U	0.0010	0.00023	mg/Kg	☼	10/06/25 07:42	10/08/25 01:12	1
1,2,3-Trichlorobenzene	0.0010	U	0.0010	0.00075	mg/Kg	☼	10/06/25 07:42	10/08/25 01:12	1
1,2,4-Trichlorobenzene	0.0010	U	0.0010	0.00037	mg/Kg	☼	10/06/25 07:42	10/08/25 01:12	1
1,2,4-Trimethylbenzene	0.0010	U	0.0010	0.00025	mg/Kg	☼	10/06/25 07:42	10/08/25 01:12	1
1,2-Dibromo-3-Chloropropane	0.0010	U	0.0010	0.00047	mg/Kg	☼	10/06/25 07:42	10/08/25 01:12	1
1,2-Dichlorobenzene	0.0010	U	0.0010	0.00037	mg/Kg	☼	10/06/25 07:42	10/08/25 01:12	1
1,2-Dichloroethane	0.0010	U	0.0010	0.00030	mg/Kg	☼	10/06/25 07:42	10/08/25 01:12	1
1,2-Dichloropropane	0.0010	U	0.0010	0.00043	mg/Kg	☼	10/06/25 07:42	10/08/25 01:12	1
1,3,5-Trimethylbenzene	0.0010	U	0.0010	0.00032	mg/Kg	☼	10/06/25 07:42	10/08/25 01:12	1
1,3-Dichlorobenzene	0.0010	U	0.0010	0.00037	mg/Kg	☼	10/06/25 07:42	10/08/25 01:12	1
1,4-Dichlorobenzene	0.0010	U	0.0010	0.00053	mg/Kg	☼	10/06/25 07:42	10/08/25 01:12	1
2-Butanone (MEK)	0.0051	U	0.0051	0.00038	mg/Kg	☼	10/06/25 07:42	10/08/25 01:12	1
2-Hexanone	0.0051	U	0.0051	0.0017	mg/Kg	☼	10/06/25 07:42	10/08/25 01:12	1
4-Methyl-2-pentanone (MIBK)	0.0051	U	0.0051	0.0016	mg/Kg	☼	10/06/25 07:42	10/08/25 01:12	1
Acetone	0.0061	U	0.0061	0.0058	mg/Kg	☼	10/06/25 07:42	10/08/25 01:12	1
Benzene	0.0010	U	0.0010	0.00058	mg/Kg	☼	10/06/25 07:42	10/08/25 01:12	1
Bromoform	0.0010	U	0.0010	0.00043	mg/Kg	☼	10/06/25 07:42	10/08/25 01:12	1
Bromomethane	0.0020	U *	0.0020	0.0010	mg/Kg	☼	10/06/25 07:42	10/08/25 01:12	1
Carbon disulfide	0.0010	U	0.0010	0.00027	mg/Kg	☼	10/06/25 07:42	10/08/25 01:12	1
Carbon tetrachloride	0.0010	U	0.0010	0.00040	mg/Kg	☼	10/06/25 07:42	10/08/25 01:12	1
Chlorobenzene	0.0010	U	0.0010	0.00052	mg/Kg	☼	10/06/25 07:42	10/08/25 01:12	1
Chlorobromomethane	0.0010	U	0.0010	0.00061	mg/Kg	☼	10/06/25 07:42	10/08/25 01:12	1
Chlorodibromomethane	0.0010	U	0.0010	0.00055	mg/Kg	☼	10/06/25 07:42	10/08/25 01:12	1
Chloroethane	0.0010	U	0.0010	0.00053	mg/Kg	☼	10/06/25 07:42	10/08/25 01:12	1
Chloroform	0.0010	U	0.0010	0.00099	mg/Kg	☼	10/06/25 07:42	10/08/25 01:12	1
Chloromethane	0.0010	U	0.0010	0.00044	mg/Kg	☼	10/06/25 07:42	10/08/25 01:12	1
cis-1,2-Dichloroethene	0.0010	U	0.0010	0.00037	mg/Kg	☼	10/06/25 07:42	10/08/25 01:12	1
cis-1,3-Dichloropropene	0.0010	U	0.0010	0.00028	mg/Kg	☼	10/06/25 07:42	10/08/25 01:12	1
Cyclohexane	0.0010	U	0.0010	0.00023	mg/Kg	☼	10/06/25 07:42	10/08/25 01:12	1
Dichlorobromomethane	0.0010	U	0.0010	0.00026	mg/Kg	☼	10/06/25 07:42	10/08/25 01:12	1
Dichlorodifluoromethane	0.0010	U	0.0010	0.00035	mg/Kg	☼	10/06/25 07:42	10/08/25 01:12	1
Ethylbenzene	0.0010	U	0.0010	0.00048	mg/Kg	☼	10/06/25 07:42	10/08/25 01:12	1
Ethylene Dibromide	0.0010	U	0.0010	0.00051	mg/Kg	☼	10/06/25 07:42	10/08/25 01:12	1
Isopropylbenzene	0.0010	U	0.0010	0.00029	mg/Kg	☼	10/06/25 07:42	10/08/25 01:12	1
Methyl acetate	0.0051	U	0.0051	0.0044	mg/Kg	☼	10/06/25 07:42	10/08/25 01:12	1
Methyl tert-butyl ether	0.0010	U	0.0010	0.00052	mg/Kg	☼	10/06/25 07:42	10/08/25 01:12	1
Methylcyclohexane	0.0010	U	0.0010	0.00051	mg/Kg	☼	10/06/25 07:42	10/08/25 01:12	1
Methylene Chloride	0.0020	U	0.0020	0.0012	mg/Kg	☼	10/06/25 07:42	10/08/25 01:12	1
m-Xylene & p-Xylene	0.0010	U	0.0010	0.00043	mg/Kg	☼	10/06/25 07:42	10/08/25 01:12	1
n-Butylbenzene	0.0010	U	0.0010	0.00030	mg/Kg	☼	10/06/25 07:42	10/08/25 01:12	1
N-Propylbenzene	0.0010	U	0.0010	0.00046	mg/Kg	☼	10/06/25 07:42	10/08/25 01:12	1
o-Xylene	0.0010	U	0.0010	0.00047	mg/Kg	☼	10/06/25 07:42	10/08/25 01:12	1
sec-Butylbenzene	0.0010	U	0.0010	0.00029	mg/Kg	☼	10/06/25 07:42	10/08/25 01:12	1
Styrene	0.0010	U	0.0010	0.00028	mg/Kg	☼	10/06/25 07:42	10/08/25 01:12	1

Client Sample ID: 4F2_8-9

Date Collected: 10/02/25 14:30
Date Received: 10/02/25 16:00

Lab Sample ID: 460-336309-79

Matrix: Solid
Percent Solids: 94.9

Method: SW846 8260D - Volatile Organic Compounds by GC/MS (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
tert-Butylbenzene	0.0010	U	0.0010	0.00028	mg/Kg	☼	10/06/25 07:42	10/08/25 01:12	1
Tetrachloroethene	0.0010	U	0.0010	0.00031	mg/Kg	☼	10/06/25 07:42	10/08/25 01:12	1
Toluene	0.0010	U	0.0010	0.00024	mg/Kg	☼	10/06/25 07:42	10/08/25 01:12	1
trans-1,2-Dichloroethene	0.0010	U	0.0010	0.00025	mg/Kg	☼	10/06/25 07:42	10/08/25 01:12	1
trans-1,3-Dichloropropene	0.0010	U	0.0010	0.00027	mg/Kg	☼	10/06/25 07:42	10/08/25 01:12	1
Trichloroethene	0.0010	U	0.0010	0.00033	mg/Kg	☼	10/06/25 07:42	10/08/25 01:12	1
Trichlorofluoromethane	0.0010	U	0.0010	0.00041	mg/Kg	☼	10/06/25 07:42	10/08/25 01:12	1
Vinyl chloride	0.0010	U	0.0010	0.00056	mg/Kg	☼	10/06/25 07:42	10/08/25 01:12	1
Xylenes, Total	0.0020	U	0.0020	0.00018	mg/Kg	☼	10/06/25 07:42	10/08/25 01:12	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,2-Dichloroethane-d4 (Surr)	*97*		*65 - 138*	*10/06/25 07:42*	*10/08/25 01:12*	*1*
4-Bromofluorobenzene	*93*		*71 - 128*	*10/06/25 07:42*	*10/08/25 01:12*	*1*
Dibromofluoromethane (Surr)	*98*		*50 - 150*	*10/06/25 07:42*	*10/08/25 01:12*	*1*
Toluene-d8 (Surr)	*100*		*71 - 126*	*10/06/25 07:42*	*10/08/25 01:12*	*1*

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Percent Moisture (EPA Moisture)	**5.1**		1.0	1.0	%			10/07/25 19:23	1
Percent Solids (EPA Moisture)	**94.9**		1.0	1.0	%			10/07/25 19:23	1

Client Sample ID: 4F3_10-11

Date Collected: 10/02/25 14:35
Date Received: 10/02/25 16:00

Lab Sample ID: 460-336309-80

Matrix: Solid
Percent Solids: 97.2

Method: SW846 8260D - Volatile Organic Compounds by GC/MS

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1-Trichloroethane	0.0011	U	0.0011	0.00026	mg/Kg	☼	10/06/25 07:43	10/08/25 01:36	1
1,1,2,2-Tetrachloroethane	0.0011	U	0.0011	0.00059	mg/Kg	☼	10/06/25 07:43	10/08/25 01:36	1
1,1,2-Trichloro-1,2,2-trifluoroethane	0.0011	U	0.0011	0.00034	mg/Kg	☼	10/06/25 07:43	10/08/25 01:36	1
1,1,2-Trichloroethane	0.0011	U	0.0011	0.00068	mg/Kg	☼	10/06/25 07:43	10/08/25 01:36	1
1,1-Dichloroethane	0.0011	U	0.0011	0.00068	mg/Kg	☼	10/06/25 07:43	10/08/25 01:36	1
1,1-Dichloroethene	0.0011	U	0.0011	0.00025	mg/Kg	☼	10/06/25 07:43	10/08/25 01:36	1
1,2,3-Trichlorobenzene	0.0011	U	0.0011	0.00084	mg/Kg	☼	10/06/25 07:43	10/08/25 01:36	1
1,2,4-Trichlorobenzene	0.0011	U	0.0011	0.00041	mg/Kg	☼	10/06/25 07:43	10/08/25 01:36	1
1,2,4-Trimethylbenzene	0.0011	U	0.0011	0.00028	mg/Kg	☼	10/06/25 07:43	10/08/25 01:36	1
1,2-Dibromo-3-Chloropropane	0.0011	U	0.0011	0.00052	mg/Kg	☼	10/06/25 07:43	10/08/25 01:36	1
1,2-Dichlorobenzene	0.0011	U	0.0011	0.00041	mg/Kg	☼	10/06/25 07:43	10/08/25 01:36	1
1,2-Dichloroethane	0.0011	U	0.0011	0.00034	mg/Kg	☼	10/06/25 07:43	10/08/25 01:36	1
1,2-Dichloropropane	0.0011	U	0.0011	0.00048	mg/Kg	☼	10/06/25 07:43	10/08/25 01:36	1
1,3,5-Trimethylbenzene	0.0011	U	0.0011	0.00036	mg/Kg	☼	10/06/25 07:43	10/08/25 01:36	1
1,3-Dichlorobenzene	0.0011	U	0.0011	0.00041	mg/Kg	☼	10/06/25 07:43	10/08/25 01:36	1
1,4-Dichlorobenzene	0.0011	U	0.0011	0.00059	mg/Kg	☼	10/06/25 07:43	10/08/25 01:36	1
2-Butanone (MEK)	0.0057	U	0.0057	0.00042	mg/Kg	☼	10/06/25 07:43	10/08/25 01:36	1
2-Hexanone	0.0057	U	0.0057	0.0019	mg/Kg	☼	10/06/25 07:43	10/08/25 01:36	1
4-Methyl-2-pentanone (MIBK)	0.0057	U	0.0057	0.0018	mg/Kg	☼	10/06/25 07:43	10/08/25 01:36	1
Acetone	0.0068	U	0.0068	0.0065	mg/Kg	☼	10/06/25 07:43	10/08/25 01:36	1
Benzene	0.0011	U	0.0011	0.00064	mg/Kg	☼	10/06/25 07:43	10/08/25 01:36	1
Bromoform	0.0011	U	0.0011	0.00048	mg/Kg	☼	10/06/25 07:43	10/08/25 01:36	1
Bromomethane	0.0023	U *	0.0023	0.0011	mg/Kg	☼	10/06/25 07:43	10/08/25 01:36	1

Client Sample ID: 4F3_10-11
Date Collected: 10/02/25 14:35
Date Received: 10/02/25 16:00

Lab Sample ID: 460-336309-80
Matrix: Solid
Percent Solids: 97.2

Method: SW846 8260D - Volatile Organic Compounds by GC/MS (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Carbon disulfide	0.0011	U	0.0011	0.00030	mg/Kg	☼	10/06/25 07:43	10/08/25 01:36	1
Carbon tetrachloride	0.0011	U	0.0011	0.00044	mg/Kg	☼	10/06/25 07:43	10/08/25 01:36	1
Chlorobenzene	0.0011	U	0.0011	0.00057	mg/Kg	☼	10/06/25 07:43	10/08/25 01:36	1
Chlorobromomethane	0.0011	U	0.0011	0.00068	mg/Kg	☼	10/06/25 07:43	10/08/25 01:36	1
Chlorodibromomethane	0.0011	U	0.0011	0.00061	mg/Kg	☼	10/06/25 07:43	10/08/25 01:36	1
Chloroethane	0.0011	U	0.0011	0.00059	mg/Kg	☼	10/06/25 07:43	10/08/25 01:36	1
Chloroform	0.0011	U	0.0011	0.0011	mg/Kg	☼	10/06/25 07:43	10/08/25 01:36	1
Chloromethane	0.0011	U	0.0011	0.00049	mg/Kg	☼	10/06/25 07:43	10/08/25 01:36	1
cis-1,2-Dichloroethene	0.0011	U	0.0011	0.00041	mg/Kg	☼	10/06/25 07:43	10/08/25 01:36	1
cis-1,3-Dichloropropene	0.0011	U	0.0011	0.00031	mg/Kg	☼	10/06/25 07:43	10/08/25 01:36	1
Cyclohexane	0.0011	U	0.0011	0.00025	mg/Kg	☼	10/06/25 07:43	10/08/25 01:36	1
Dichlorobromomethane	0.0011	U	0.0011	0.00029	mg/Kg	☼	10/06/25 07:43	10/08/25 01:36	1
Dichlorodifluoromethane	0.0011	U	0.0011	0.00038	mg/Kg	☼	10/06/25 07:43	10/08/25 01:36	1
Ethylbenzene	0.0011	U	0.0011	0.00053	mg/Kg	☼	10/06/25 07:43	10/08/25 01:36	1
Ethylene Dibromide	0.0011	U	0.0011	0.00057	mg/Kg	☼	10/06/25 07:43	10/08/25 01:36	1
Isopropylbenzene	0.0011	U	0.0011	0.00032	mg/Kg	☼	10/06/25 07:43	10/08/25 01:36	1
Methyl acetate	0.0057	U	0.0057	0.0049	mg/Kg	☼	10/06/25 07:43	10/08/25 01:36	1
Methyl tert-butyl ether	0.0011	U	0.0011	0.00058	mg/Kg	☼	10/06/25 07:43	10/08/25 01:36	1
Methylcyclohexane	0.0011	U	0.0011	0.00057	mg/Kg	☼	10/06/25 07:43	10/08/25 01:36	1
Methylene Chloride	**0.0018**	**J**	0.0023	0.0013	mg/Kg	☼	10/06/25 07:43	10/08/25 01:36	1
m-Xylene & p-Xylene	0.0011	U	0.0011	0.00048	mg/Kg	☼	10/06/25 07:43	10/08/25 01:36	1
n-Butylbenzene	0.0011	U	0.0011	0.00033	mg/Kg	☼	10/06/25 07:43	10/08/25 01:36	1
N-Propylbenzene	0.0011	U	0.0011	0.00051	mg/Kg	☼	10/06/25 07:43	10/08/25 01:36	1
o-Xylene	0.0011	U	0.0011	0.00052	mg/Kg	☼	10/06/25 07:43	10/08/25 01:36	1
sec-Butylbenzene	0.0011	U	0.0011	0.00033	mg/Kg	☼	10/06/25 07:43	10/08/25 01:36	1
Styrene	0.0011	U	0.0011	0.00031	mg/Kg	☼	10/06/25 07:43	10/08/25 01:36	1
tert-Butylbenzene	0.0011	U	0.0011	0.00031	mg/Kg	☼	10/06/25 07:43	10/08/25 01:36	1
Tetrachloroethene	0.0011	U	0.0011	0.00035	mg/Kg	☼	10/06/25 07:43	10/08/25 01:36	1
Toluene	0.0011	U	0.0011	0.00027	mg/Kg	☼	10/06/25 07:43	10/08/25 01:36	1
trans-1,2-Dichloroethene	0.0011	U	0.0011	0.00028	mg/Kg	☼	10/06/25 07:43	10/08/25 01:36	1
trans-1,3-Dichloropropene	0.0011	U	0.0011	0.00030	mg/Kg	☼	10/06/25 07:43	10/08/25 01:36	1
Trichloroethene	0.0011	U	0.0011	0.00036	mg/Kg	☼	10/06/25 07:43	10/08/25 01:36	1
Trichlorofluoromethane	0.0011	U	0.0011	0.00046	mg/Kg	☼	10/06/25 07:43	10/08/25 01:36	1
Vinyl chloride	0.0011	U	0.0011	0.00062	mg/Kg	☼	10/06/25 07:43	10/08/25 01:36	1
Xylenes, Total	0.0023	U	0.0023	0.00020	mg/Kg	☼	10/06/25 07:43	10/08/25 01:36	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,2-Dichloroethane-d4 (Surr)	*100*		*65 - 138*	*10/06/25 07:43*	*10/08/25 01:36*	*1*
4-Bromofluorobenzene	*99*		*71 - 128*	*10/06/25 07:43*	*10/08/25 01:36*	*1*
Dibromofluoromethane (Surr)	*99*		*50 - 150*	*10/06/25 07:43*	*10/08/25 01:36*	*1*
Toluene-d8 (Surr)	*102*		*71 - 126*	*10/06/25 07:43*	*10/08/25 01:36*	*1*

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Percent Moisture (EPA Moisture)	**2.8**		1.0	1.0	%			10/07/25 19:23	1
Percent Solids (EPA Moisture)	**97.2**		1.0	1.0	%			10/07/25 19:23	1

Client: Haley & Aldrich, Inc.
Project/Site: Former Port Mobil

Job ID: 460-336309-1

Client Sample ID: 4F1_12-13
Date Collected: 10/02/25 14:40
Date Received: 10/02/25 16:00

Lab Sample ID: 460-336309-81
Matrix: Solid
Percent Solids: 91.4

Method: SW846 8260D - Volatile Organic Compounds by GC/MS

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1-Trichloroethane	0.0014	U	0.0014	0.00032	mg/Kg	☼	10/06/25 07:43	10/08/25 04:42	1
1,1,2,2-Tetrachloroethane	0.0014	U	0.0014	0.00072	mg/Kg	☼	10/06/25 07:43	10/08/25 04:42	1
1,1,2-Trichloro-1,2,2-trifluoroethane	0.0014	U	0.0014	0.00042	mg/Kg	☼	10/06/25 07:43	10/08/25 04:42	1
1,1,2-Trichloroethane	0.0014	U	0.0014	0.00083	mg/Kg	☼	10/06/25 07:43	10/08/25 04:42	1
1,1-Dichloroethane	0.0014	U	0.0014	0.00083	mg/Kg	☼	10/06/25 07:43	10/08/25 04:42	1
1,1-Dichloroethene	0.0014	U	0.0014	0.00031	mg/Kg	☼	10/06/25 07:43	10/08/25 04:42	1
1,2,3-Trichlorobenzene	0.0014	U	0.0014	0.0010	mg/Kg	☼	10/06/25 07:43	10/08/25 04:42	1
1,2,4-Trichlorobenzene	0.0014	U	0.0014	0.00050	mg/Kg	☼	10/06/25 07:43	10/08/25 04:42	1
1,2,4-Trimethylbenzene	0.0014	U	0.0014	0.00034	mg/Kg	☼	10/06/25 07:43	10/08/25 04:42	1
1,2-Dibromo-3-Chloropropane	0.0014	U	0.0014	0.00064	mg/Kg	☼	10/06/25 07:43	10/08/25 04:42	1
1,2-Dichlorobenzene	0.0014	U	0.0014	0.00050	mg/Kg	☼	10/06/25 07:43	10/08/25 04:42	1
1,2-Dichloroethane	0.0014	U	0.0014	0.00041	mg/Kg	☼	10/06/25 07:43	10/08/25 04:42	1
1,2-Dichloropropane	0.0014	U	0.0014	0.00059	mg/Kg	☼	10/06/25 07:43	10/08/25 04:42	1
1,3,5-Trimethylbenzene	0.0014	U	0.0014	0.00044	mg/Kg	☼	10/06/25 07:43	10/08/25 04:42	1
1,3-Dichlorobenzene	0.0014	U	0.0014	0.00051	mg/Kg	☼	10/06/25 07:43	10/08/25 04:42	1
1,4-Dichlorobenzene	0.0014	U	0.0014	0.00072	mg/Kg	☼	10/06/25 07:43	10/08/25 04:42	1
2-Butanone (MEK)	**0.0045**	**J**	0.0069	0.00051	mg/Kg	☼	10/06/25 07:43	10/08/25 04:42	1
2-Hexanone	0.0069	U	0.0069	0.0024	mg/Kg	☼	10/06/25 07:43	10/08/25 04:42	1
4-Methyl-2-pentanone (MIBK)	0.0069	U	0.0069	0.0022	mg/Kg	☼	10/06/25 07:43	10/08/25 04:42	1
Acetone	**0.12**		0.0083	0.0079	mg/Kg	☼	10/06/25 07:43	10/08/25 04:42	1
Benzene	0.0014	U	0.0014	0.00079	mg/Kg	☼	10/06/25 07:43	10/08/25 04:42	1
Bromoform	0.0014	U	0.0014	0.00059	mg/Kg	☼	10/06/25 07:43	10/08/25 04:42	1
Bromomethane	0.0028	U *	0.0028	0.0014	mg/Kg	☼	10/06/25 07:43	10/08/25 04:42	1
Carbon disulfide	**0.0015**		0.0014	0.00037	mg/Kg	☼	10/06/25 07:43	10/08/25 04:42	1
Carbon tetrachloride	0.0014	U	0.0014	0.00054	mg/Kg	☼	10/06/25 07:43	10/08/25 04:42	1
Chlorobenzene	0.0014	U	0.0014	0.00070	mg/Kg	☼	10/06/25 07:43	10/08/25 04:42	1
Chlorobromomethane	0.0014	U	0.0014	0.00083	mg/Kg	☼	10/06/25 07:43	10/08/25 04:42	1
Chlorodibromomethane	0.0014	U	0.0014	0.00075	mg/Kg	☼	10/06/25 07:43	10/08/25 04:42	1
Chloroethane	0.0014	U	0.0014	0.00072	mg/Kg	☼	10/06/25 07:43	10/08/25 04:42	1
Chloroform	0.0014	U	0.0014	0.0013	mg/Kg	☼	10/06/25 07:43	10/08/25 04:42	1
Chloromethane	0.0014	U	0.0014	0.00060	mg/Kg	☼	10/06/25 07:43	10/08/25 04:42	1
cis-1,2-Dichloroethene	0.0014	U	0.0014	0.00050	mg/Kg	☼	10/06/25 07:43	10/08/25 04:42	1
cis-1,3-Dichloropropene	0.0014	U	0.0014	0.00038	mg/Kg	☼	10/06/25 07:43	10/08/25 04:42	1
Cyclohexane	0.0014	U	0.0014	0.00031	mg/Kg	☼	10/06/25 07:43	10/08/25 04:42	1
Dichlorobromomethane	0.0014	U	0.0014	0.00036	mg/Kg	☼	10/06/25 07:43	10/08/25 04:42	1
Dichlorodifluoromethane	0.0014	U	0.0014	0.00047	mg/Kg	☼	10/06/25 07:43	10/08/25 04:42	1
Ethylbenzene	0.0014	U	0.0014	0.00065	mg/Kg	☼	10/06/25 07:43	10/08/25 04:42	1
Ethylene Dibromide	0.0014	U	0.0014	0.00070	mg/Kg	☼	10/06/25 07:43	10/08/25 04:42	1
Isopropylbenzene	0.0014	U	0.0014	0.00040	mg/Kg	☼	10/06/25 07:43	10/08/25 04:42	1
Methyl acetate	0.0069	U	0.0069	0.0060	mg/Kg	☼	10/06/25 07:43	10/08/25 04:42	1
Methyl tert-butyl ether	0.0014	U	0.0014	0.00071	mg/Kg	☼	10/06/25 07:43	10/08/25 04:42	1
Methylcyclohexane	0.0014	U	0.0014	0.00069	mg/Kg	☼	10/06/25 07:43	10/08/25 04:42	1
Methylene Chloride	0.0028	U	0.0028	0.0016	mg/Kg	☼	10/06/25 07:43	10/08/25 04:42	1
m-Xylene & p-Xylene	0.0014	U	0.0014	0.00059	mg/Kg	☼	10/06/25 07:43	10/08/25 04:42	1
n-Butylbenzene	0.0014	U	0.0014	0.00041	mg/Kg	☼	10/06/25 07:43	10/08/25 04:42	1
N-Propylbenzene	0.0014	U	0.0014	0.00062	mg/Kg	☼	10/06/25 07:43	10/08/25 04:42	1
o-Xylene	0.0014	U	0.0014	0.00064	mg/Kg	☼	10/06/25 07:43	10/08/25 04:42	1
sec-Butylbenzene	0.0014	U	0.0014	0.00040	mg/Kg	☼	10/06/25 07:43	10/08/25 04:42	1
Styrene	0.0014	U	0.0014	0.00039	mg/Kg	☼	10/06/25 07:43	10/08/25 04:42	1

Client: Haley & Aldrich, Inc.
Project/Site: Former Port Mobil

Job ID: 460-336309-1

Client Sample ID: 4F1_12-13
Date Collected: 10/02/25 14:40
Date Received: 10/02/25 16:00

Lab Sample ID: 460-336309-81
Matrix: Solid
Percent Solids: 91.4

Method: SW846 8260D - Volatile Organic Compounds by GC/MS (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
tert-Butylbenzene	0.0014	U	0.0014	0.00038	mg/Kg	☼	10/06/25 07:43	10/08/25 04:42	1
Tetrachloroethene	0.0014	U	0.0014	0.00042	mg/Kg	☼	10/06/25 07:43	10/08/25 04:42	1
Toluene	**0.00058**	**J**	0.0014	0.00032	mg/Kg	☼	10/06/25 07:43	10/08/25 04:42	1
trans-1,2-Dichloroethene	0.0014	U	0.0014	0.00034	mg/Kg	☼	10/06/25 07:43	10/08/25 04:42	1
trans-1,3-Dichloropropene	0.0014	U	0.0014	0.00037	mg/Kg	☼	10/06/25 07:43	10/08/25 04:42	1
Trichloroethene	0.0014	U	0.0014	0.00045	mg/Kg	☼	10/06/25 07:43	10/08/25 04:42	1
Trichlorofluoromethane	0.0014	U	0.0014	0.00056	mg/Kg	☼	10/06/25 07:43	10/08/25 04:42	1
Vinyl chloride	0.0014	U	0.0014	0.00076	mg/Kg	☼	10/06/25 07:43	10/08/25 04:42	1
Xylenes, Total	0.0028	U	0.0028	0.00024	mg/Kg	☼	10/06/25 07:43	10/08/25 04:42	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,2-Dichloroethane-d4 (Surr)	*99*		*65 - 138*	*10/06/25 07:43*	*10/08/25 04:42*	*1*
4-Bromofluorobenzene	*97*		*71 - 128*	*10/06/25 07:43*	*10/08/25 04:42*	*1*
Dibromofluoromethane (Surr)	*99*		*50 - 150*	*10/06/25 07:43*	*10/08/25 04:42*	*1*
Toluene-d8 (Surr)	*101*		*71 - 126*	*10/06/25 07:43*	*10/08/25 04:42*	*1*

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Percent Moisture (EPA Moisture)	**8.6**		1.0	1.0	%			10/07/25 19:23	1
Percent Solids (EPA Moisture)	**91.4**		1.0	1.0	%			10/07/25 19:23	1

Surrogate Summary

Client: Haley & Aldrich, Inc.
Project/Site: Former Port Mobil

Job ID: 460-336309-1

Method: 8260D - Volatile Organic Compounds by GC/MS

Matrix: Solid

Prep Type: Total/NA

		Percent Surrogate Recovery (Acceptance Limits)			
		DCA	BFB	DBFM	TOL
Lab Sample ID	Client Sample ID	(65-138)	(71-128)	(50-150)	(71-126)
460-336309-19	6D1_1-2	111	98	116	95
460-336309-20	6D2_2-3	108	98	112	96
460-336309-21	6D3_4-5	108	98	110	95
460-336309-22	6D1_6-7	108	98	111	94
460-336309-23	6D2_7-8	109	98	113	96
460-336309-24	6D3_9-10	111	98	116	96
460-336309-25	6D1_10-11	110	98	113	94
460-336309-26	6E1_1-2	112	101	113	97
460-336309-27	6E2_3-4	108	100	110	96
460-336309-28	6E3_4-5	110	99	115	95
460-336309-29	6E1_6-7	108	98	113	96
460-336309-30	6E2_7-8	113	98	119	95
460-336309-31	6E3_8-9	112	98	116	95
460-336309-32	6E3_11-12	113	97	117	95
460-336309-33	6F1_1-2	112	99	114	95
460-336309-34	6F2_3-4	111	100	116	95
460-336309-35	6F3_4-5	100	95	99	102
460-336309-36	6F1_6-7	101	95	100	101
460-336309-37	6F2_7-8	102	94	100	101
460-336309-38	6F3_9-10	100	96	99	102
460-336309-39	6F2_10-11	101	94	99	101
460-336309-40	4A1_2-3	102	102	100	102
460-336309-41	4A2_3-4	103	102	99	103
460-336309-42	4A3_5-6	103	100	100	103
460-336309-43	4A1_7-8	103	100	99	102
460-336309-44	4A2_9-10	102	101	99	103
460-336309-45	4A3_10-11	99	97	100	101
460-336309-46	4A1_12-13	106	98	101	102
460-336309-47	4B1_2-3	101	100	100	103
460-336309-48	4B2_3-4	101	97	99	102
460-336309-49	4B3_5-6	100	97	99	101
460-336309-50	4B1_7-8	102	99	100	103
460-336309-51	4B2_8-9	97	96	98	102
460-336309-52	4B3_10-11	98	95	98	102
460-336309-54	4C1_1-2	99	95	99	101
460-336309-55	4C2_3-4	97	95	97	102
460-336309-56	4C3_5-6	97	97	99	102
460-336309-57	4C1_6-7	98	96	99	101
460-336309-58	4C2_8-9	100	96	98	101
460-336309-59	4C3_11-12	117	88	109	95
460-336309-60	4C1_13-14	99	93	99	102
460-336309-61	4D1_1-2	99	98	98	102
460-336309-62	4D2_2-3	98	95	98	101
460-336309-63	4D3_4-5	100	96	100	102
460-336309-64	4D1_6-7	99	101	99	104
460-336309-65	4D2_7-8	96	98	96	103
460-336309-66	4D3_9-10	97	96	96	103
460-336309-67	4D1_11-12	100	98	99	102
460-336309-68	4E1_1-2	99	96	99	101

Method: 8260D - Volatile Organic Compounds by GC/MS (Continued)

Matrix: Solid **Prep Type: Total/NA**

		Percent Surrogate Recovery (Acceptance Limits)			
		DCA	BFB	DBFM	TOL
Lab Sample ID	Client Sample ID	(65-138)	(71-128)	(50-150)	(71-126)
460-336309-69	4E2_3-4	100	95	99	101
460-336309-70	4E3_4-5	98	96	98	101
460-336309-71	4E1_5-6	97	96	100	101
460-336309-72	4E2_7-8	99	101	98	102
460-336309-73	4E3_9-10	99	95	98	102
460-336309-74	4E2_12-13	99	94	98	100
460-336309-75	4F1_1-2	98	95	99	101
460-336309-76	4F2_3-4	97	96	97	101
460-336309-77	4F3_5-6	100	100	99	101
460-336309-78	4F1_6-7	99	97	99	101
460-336309-79	4F2_8-9	97	93	98	100
460-336309-80	4F3_10-11	100	99	99	102
460-336309-81	4F1_12-13	99	97	99	101
LCS 460-1066254/3	Lab Control Sample	97	101	96	98
LCS 460-1066309/3	Lab Control Sample	93	95	94	99
LCS 460-1066310/3	Lab Control Sample	89	96	91	100
LCS 460-1066311/3	Lab Control Sample	88	95	91	100
LCS 460-1066538/2	Lab Control Sample	87	95	92	99
LCS 460-1066734/3	Lab Control Sample	96	101	96	97
LCS 460-1066833/3	Lab Control Sample	105	86	98	97
LCSD 460-1066254/4	Lab Control Sample Dup	99	101	96	98
LCSD 460-1066309/4	Lab Control Sample Dup	93	96	93	100
LCSD 460-1066310/4	Lab Control Sample Dup	90	95	93	100
LCSD 460-1066311/4	Lab Control Sample Dup	89	96	93	99
LCSD 460-1066538/4	Lab Control Sample Dup	88	95	93	99
LCSD 460-1066734/4	Lab Control Sample Dup	97	100	99	100
LCSD 460-1066833/4	Lab Control Sample Dup	111	88	106	100
MB 460-1066254/7	Method Blank	107	98	114	95
MB 460-1066309/7	Method Blank	99	92	98	100
MB 460-1066310/7	Method Blank	99	92	98	100
MB 460-1066311/7	Method Blank	96	93	98	101
MB 460-1066538/7	Method Blank	95	92	98	100
MB 460-1066734/7	Method Blank	108	95	117	95
MB 460-1066833/8	Method Blank	104	87	99	95

Surrogate Legend

DCA = 1,2-Dichloroethane-d4 (Surr)
BFB = 4-Bromofluorobenzene
DBFM = Dibromofluoromethane (Surr)
TOL = Toluene-d8 (Surr)

Method: 8260D - Volatile Organic Compounds by GC/MS

Matrix: Solid **Prep Type: Total/NA**

		Percent Surrogate Recovery (Acceptance Limits)			
		DCA	BFB	DBFM	TOL
Lab Sample ID	Client Sample ID	(60-150)	(70-150)	(68-150)	(64-157)
460-336309-53	4B2_11-12	109	107	105	105
LCS 460-1067457/34	Lab Control Sample	94	98	94	94
LCSD 460-1067457/35	Lab Control Sample Dup	97	105	106	106
MB 460-1067457/36	Method Blank	98	99	95	99

Surrogate Summary

Client: Haley & Aldrich, Inc.
Project/Site: Former Port Mobil

Job ID: 460-336309-1

Surrogate Legend

DCA = 1,2-Dichloroethane-d4 (Surr)
BFB = 4-Bromofluorobenzene
DBFM = Dibromofluoromethane (Surr)
TOL = Toluene-d8 (Surr)

Method: 8270E - Semivolatile Organic Compounds (GC/MS)

Matrix: Solid **Prep Type: Total/NA**

		Percent Surrogate Recovery (Acceptance Limits)					
		TBP	FBP	2FP	NBZ	PHL	TPHL
Lab Sample ID	Client Sample ID	(18-137)	(33-117)	(24-120)	(27-120)	(28-118)	(33-124)
460-336309-1	6D_0-6	82	82	86	87	86	95
460-336309-2	6D_6-12	90	88	91	92	92	103
460-336309-3	6E_0-6	79	79	84	84	82	94
460-336309-4	6E_6-12	83	84	86	87	86	96
460-336309-5	6F_0-6	77	78	80	80	82	88
460-336309-6	6F_6-12	83	85	89	89	89	94
460-336309-7	4A_0-7	81	79	77	74	80	89
460-336309-8	4A_7-14	93	91	90	93	93	98
460-336309-9	4B_0-7	82	83	86	83	88	94
460-336309-10	4B_7-14	85	87	88	90	90	97
460-336309-11	4C_0-7	89	91	91	94	94	99
460-336309-12	4C_7-14	89	89	94	91	94	101
460-336309-13	4D_0-7	85	74	79	77	75	86
460-336309-14	4D_7-14	95	84	85	83	83	92
460-336309-15	4E_0-7	82	76	81	78	78	81
460-336309-16	4E_7-14	91	80	83	80	80	89
460-336309-17	4F_0-7	87	80	85	82	81	87
460-336309-18	4F_7-14	87	79	82	80	79	86
460-336436-E-2-A MS	Matrix Spike	96	90	91	88	89	95
460-336436-E-2-B MSD	Matrix Spike Duplicate	94	86	85	83	84	91
LCS 460-1066067/2-A	Lab Control Sample	70	72	75	78	76	80
LCS 460-1066069/2-A	Lab Control Sample	89	86	92	89	88	90
LCSD 460-1066067/3-A	Lab Control Sample Dup	74	74	74	79	76	83
LCSD 460-1066069/3-A	Lab Control Sample Dup	83	79	86	83	81	82
MB 460-1066067/1-A	Method Blank	90	93	95	94	99	106
MB 460-1066069/1-A	Method Blank	90	85	90	88	86	92

Surrogate Legend

TBP = 2,4,6-Tribromophenol (Surr)
FBP = 2-Fluorobiphenyl
2FP = 2-Fluorophenol (Surr)
NBZ = Nitrobenzene-d5 (Surr)
PHL = Phenol-d5 (Surr)
TPHL = Terphenyl-d14 (Surr)

Method: 8081B - Organochlorine Pesticides (GC)

Matrix: Solid **Prep Type: Total/NA**

		Percent Surrogate Recovery (Acceptance Limits)			
		DCBP1	DCBP2	TCX1	TCX2
Lab Sample ID	Client Sample ID	(10-150)	(10-150)	(14-150)	(14-150)
460-336309-1	6D_0-6	112	94	92	93
460-336309-1 MS	6D_0-6	112	75	87	65
460-336309-1 MSD	6D_0-6	98	76	82	77
460-336309-2	6D_6-12	152 *	121	124	123

Method: 8081B - Organochlorine Pesticides (GC) (Continued)

Matrix: Solid **Prep Type: Total/NA**

		Percent Surrogate Recovery (Acceptance Limits)			
Lab Sample ID	Client Sample ID	DCBP1 (10-150)	DCBP2 (10-150)	TCX1 (14-150)	TCX2 (14-150)
460-336309-3	6E_0-6	139	116	109	110
460-336309-4	6E_6-12	128	99	102	102
460-336309-5	6F_0-6	128	100	107	106
460-336309-6	6F_6-12	97	77	78	78
460-336309-7	4A_0-7	132	110	107	107
460-336309-8	4A_7-14	140	98	102	79
460-336309-9	4B_0-7	96	74	79	78
460-336309-10	4B_7-14	104	80	85	85
460-336309-11	4C_0-7	138	103	109	97
460-336309-12	4C_7-14	136	102	106	91
460-336309-13	4D_0-7	117	101	94	97
460-336309-14	4D_7-14	108	93	86	89
460-336309-15	4E_0-7	120	99	97	100
460-336309-16	4E_7-14	126	102	101	98
460-336309-17	4F_0-7	124	87	90	69
460-336309-18	4F_7-14	118	82	91	73
LCS 460-1066087/2-A	Lab Control Sample	92	76	82	78
LCSD 460-1066087/3-A	Lab Control Sample Dup	96	78	83	79
MB 460-1066087/1-A	Method Blank	111	91	94	93

Surrogate Legend

DCBP = DCB Decachlorobiphenyl

TCX = Tetrachloro-m-xylene

Method: 8082A - Polychlorinated Biphenyls (PCBs) by Gas Chromatography

Matrix: Solid **Prep Type: Total/NA**

		Percent Surrogate Recovery (Acceptance Limits)			
Lab Sample ID	Client Sample ID	DCBP1 (10-150)	DCBP2 (10-150)	TCX1 (10-150)	TCX2 (10-150)
460-336309-1	6D_0-6	110	112	104	95
460-336309-1 MS	6D_0-6	94	81	93	81
460-336309-1 MSD	6D_0-6	111	110	107	97
460-336309-2	6D_6-12	134	133	129	115
460-336309-3	6E_0-6	119	119	114	102
460-336309-4	6E_6-12	116	115	109	98
460-336309-5	6F_0-6	120	122	112	103
460-336309-6	6F_6-12	89	88	84	74
460-336309-7	4A_0-7	126	129	117	105
460-336309-8	4A_7-14	95	95	90	81
460-336309-9	4B_0-7	92	92	89	79
460-336309-10	4B_7-14	103	101	96	85
460-336309-11	4C_0-7	119	120	112	101
460-336309-12	4C_7-14	109	109	103	93
460-336309-13	4D_0-7	110	110	104	92
460-336309-14	4D_7-14	112	111	104	93
460-336309-15	4E_0-7	115	115	109	98
460-336309-16	4E_7-14	116	116	111	99
460-336309-17	4F_0-7	98	98	93	83
460-336309-18	4F_7-14	109	109	103	92
LCS 460-1066081/2-A	Lab Control Sample	99	89	89	79

Surrogate Summary

Client: Haley & Aldrich, Inc.
Project/Site: Former Port Mobil

Job ID: 460-336309-1

Method: 8082A - Polychlorinated Biphenyls (PCBs) by Gas Chromatography (Continued)

Matrix: Solid

Prep Type: Total/NA

		Percent Surrogate Recovery (Acceptance Limits)			
		DCBP1	DCBP2	TCX1	TCX2
Lab Sample ID	Client Sample ID	(10-150)	(10-150)	(10-150)	(10-150)
LCSD 460-1066081/3-A	Lab Control Sample Dup	87	71	86	76
MB 460-1066081/1-A	Method Blank	85	73	83	75

Surrogate Legend

DCBP = DCB Decachlorobiphenyl

TCX = Tetrachloro-m-xylene

Isotope Dilution Summary

Client: Haley & Aldrich, Inc.
Project/Site: Former Port Mobil

Job ID: 460-336309-1

Method: 1633A - Per- and Polyfluoroalkyl Substances by LC/MS/MS, 1633A

Matrix: Solid **Prep Type: Total/NA**

		Percent Isotope Dilution Recovery (Acceptance Limits)							
Lab Sample ID	Client Sample ID	PFBA (8-130)	PFPeA (35-130)	13C5PHA (40-130)	C4PFHA (40-130)	C8PFOA (40-130)	C9PFNA (40-130)	C6PFDA (40-130)	13C7PUA (40-130)
460-336309-1	6D_0-6	103	100	98.6	97.6	95.1	102	89.4	80.1
460-336309-2	6D_6-12	113	115	114	111	109	112	104	90.7
460-336309-3	6E_0-6	70.0	67.3	71.9	71.5	73.5	73.8	70.4	69.9
460-336309-4	6E_6-12	87.7	87.9	86.2	81.5	88.7	87.0	84.8	81.0
460-336309-5	6F_0-6	127	129	121	124	122	121	110	93.6
460-336309-6	6F_6-12	76.4	81.5	76.3	77.2	74.3	82.1	73.3	64.8
460-336309-7	4A_0-7	89.5	93.1	87.9	86.0	83.3	82.3	80.5	75.1
460-336309-8	4A_7-14	114	118	119	115	114	108	110	104
460-336309-9	4B_0-7	105	105	103	98.0	97.2	104	94.6	86.5
460-336309-10	4B_7-14	110	110	108	98.6	110	103	96.7	85.7
460-336309-11	4C_0-7	102	103	102	98.9	95.2	93.0	87.8	80.8
460-336309-12	4C_7-14	103	108	111	105	98.5	97.4	92.1	91.9
460-336309-13	4D_0-7	108	105	101	97.4	101	103	96.0	90.3
460-336309-14	4D_7-14	106	95.9	102	94.0	99.2	96.2	91.2	86.4
460-336309-15	4E_0-7	80.1	87.3	79.5	83.2	75.8	79.0	77.8	71.2
460-336309-16	4E_7-14	103	105	102	103	99.4	104	92.8	87.7
460-336309-17	4F_0-7	97.7	94.1	93.7	87.3	94.7	92.6	87.8	87.1
460-336309-18	4F_7-14	102	101	99.9	94.4	92.9	97.4	90.0	81.2
LCS 410-710609/2-A	Lab Control Sample	100	104	98.8	97.4	93.3	96.7	90.2	90.4
LCS 410-711573/2-A	Lab Control Sample	74.7	74.2	76.4	74.5	72.5	68.1	61.5	59.5
LCS 410-711992/2-A	Lab Control Sample	86.8	90.7	84.2	85.1	84.4	86.6	85.6	84.8
LCSD 410-710609/3-A	Lab Control Sample Dup	90.8	93.7	90.5	86.4	85.7	95.0	82.5	81.3
LCSD 410-711573/3-A	Lab Control Sample Dup	74.9	74.4	75.5	76.8	76.3	73.6	67.1	59.3
LCSD 410-711992/4-A	Lab Control Sample Dup	84.0	92.5	81.6	85.7	77.6	78.1	79.6	78.3
LLCS 410-710609/4-A	Lab Control Sample	103	101	101	98.7	96.5	102	90.4	92.2
LLCS 410-711573/4-A	Lab Control Sample	95.5	98.8	94.1	100	87.1	82.0	85.2	84.6
LLCS 410-711992/3-A	Lab Control Sample	80.4	89.1	78.1	81.7	78.8	82.2	80.2	76.3
MB 410-710609/1-A	Method Blank	105	100	105	97.2	99.8	104	97.4	90.5
MB 410-711573/1-A	Method Blank	81.3	81.3	75.0	73.5	68.2	72.1	67.4	70.0
MB 410-711992/1-A	Method Blank	88.2	89.7	81.5	82.9	82.7	87.3	86.0	84.9

		Percent Isotope Dilution Recovery (Acceptance Limits)							
Lab Sample ID	Client Sample ID	PFTDA (20-130)	C3PFBS (40-135)	C3PFHS (40-130)	C8PFOS (40-130)	PFOSA (40-130)	d3NMFOS (40-135)	d5NEFOS (40-150)	M242FTS (40-165)
460-336309-1	6D_0-6	50.1	99.8	83.0	86.1	92.4	70.4	59.3	95.4
460-336309-2	6D_6-12	62.9	114	104	110	109	88.0	72.8	123
460-336309-3	6E_0-6	39.7	62.6	66.9	66.9	71.6	56.7	63.6	72.5
460-336309-4	6E_6-12	58.6	90.0	79.0	80.5	83.9	73.0	64.9	101
460-336309-5	6F_0-6	72.7	130	111	113	108	96.8	78.7	145
460-336309-6	6F_6-12	43.4	75.6	67.7	72.5	77.4	68.4	56.8	87.2
460-336309-7	4A_0-7	54.0	77.1	77.7	79.7	79.1	77.9	65.6	125
460-336309-8	4A_7-14	67.8	119	106	107	115	101	92.9	145
460-336309-9	4B_0-7	61.6	93.7	91.9	102	98.3	84.7	75.4	128
460-336309-10	4B_7-14	49.2	110	99.8	95.6	98.9	80.8	66.3	134
460-336309-11	4C_0-7	62.3	98.8	86.8	89.2	91.3	77.2	70.5	94.1
460-336309-12	4C_7-14	73.4	107	96.7	98.2	95.5	87.0	73.8	108
460-336309-13	4D_0-7	78.0	110	95.0	93.0	93.4	87.3	79.4	128
460-336309-14	4D_7-14	70.4	105	93.0	91.1	95.2	88.0	78.7	114
460-336309-15	4E_0-7	51.9	68.2	74.3	74.9	71.7	57.6	59.3	68.1
460-336309-16	4E_7-14	66.1	95.8	87.0	91.9	91.8	81.3	71.9	106

Method: 1633A - Per- and Polyfluoroalkyl Substances by LC/MS/MS, 1633A (Continued)

Matrix: Solid
Prep Type: Total/NA

		Percent Isotope Dilution Recovery (Acceptance Limits)							
Lab Sample ID	Client Sample ID	PFTDA (20-130)	C3PFBS (40-135)	C3PFHS (40-130)	C8PFOS (40-130)	PFOSA (40-130)	d3NMFOS (40-135)	d5NEFOS (40-150)	M242FTS (40-165)
460-336309-17	4F_0-7	72.7	96.0	87.8	91.4	93.3	88.5	80.2	123
460-336309-18	4F_7-14	53.3	105	88.4	90.8	90.6	85.4	67.0	121
LCS 410-710609/2-A	Lab Control Sample	68.4	100	89.4	93.6	90.1	82.1	72.5	93.5
LCS 410-711573/2-A	Lab Control Sample	61.3	73.3	71.3	64.9	62.5	48.3	54.7	75.4
LCS 410-711992/2-A	Lab Control Sample	75.5	79.2	87.4	87.2	77.1	68.9	73.3	79.3
LCSD 410-710609/3-A	Lab Control Sample Dup	58.9	93.9	85.0	86.3	82.4	75.8	66.6	84.7
LCSD 410-711573/3-A	Lab Control Sample Dup	39.4	72.0	69.1	54.6	67.8	60.1	63.7	72.0
LCSD 410-711992/4-A	Lab Control Sample Dup	69.7	74.1	78.4	80.0	70.0	60.1	65.3	69.3
LLCS 410-710609/4-A	Lab Control Sample	70.2	106	92.7	98.0	95.5	84.2	71.4	91.6
LLCS 410-711573/4-A	Lab Control Sample	66.3	85.5	86.7	74.2	75.1	61.9	64.6	83.7
LLCS 410-711992/3-A	Lab Control Sample	64.8	72.6	79.4	80.6	72.6	63.4	66.5	69.4
MB 410-710609/1-A	Method Blank	71.1	110	93.0	100	96.4	86.4	76.9	103
MB 410-711573/1-A	Method Blank	60.0	75.1	67.5	64.1	64.7	55.4	57.5	82.0
MB 410-711992/1-A	Method Blank	71.8	75.5	83.1	82.9	76.1	66.6	70.4	77.3

		Percent Isotope Dilution Recovery (Acceptance Limits)							
Lab Sample ID	Client Sample ID	M262FTS (40-215)	M282FTS (40-275)	HFPODA (40-130)	NMFM (20-130)	NEFM (15-130)	d5NPFSA (10-130)	d3NMFSA (10-130)	PFDoA (40-130)
460-336309-1	6D_0-6	87.8	89.3	91.9	55.4	47.7	72.0	78.3	77.3
460-336309-2	6D_6-12	110	119	100	52.5	41.6	85.1	93.6	82.2
460-336309-3	6E_0-6	68.2	60.8	70.6	45.8	43.5	54.4	63.6	57.7
460-336309-4	6E_6-12	90.4	128	77.4	65.5	54.1	70.7	77.2	77.9
460-336309-5	6F_0-6	125	146	120	59.3	45.6	85.3	94.7	89.2
460-336309-6	6F_6-12	80.0	103	68.9	64.5	51.9	63.3	69.3	62.3
460-336309-7	4A_0-7	96.8	114	74.9	50.9	38.3	67.4	70.3	71.9
460-336309-8	4A_7-14	116	146	109	51.9	41.4	96.6	105	99.4
460-336309-9	4B_0-7	107	116	96.0	42.1	34.4	76.4	84.4	81.9
460-336309-10	4B_7-14	110	131	96.0	44.7	38.7	71.3	82.6	82.8
460-336309-11	4C_0-7	88.9	112	97.8	51.5	45.5	70.4	77.5	83.7
460-336309-12	4C_7-14	97.6	113	98.3	68.4	61.8	80.9	88.7	88.0
460-336309-13	4D_0-7	106	148	91.4	71.6	63.1	80.5	84.8	91.4
460-336309-14	4D_7-14	115	145	88.0	69.7	59.6	82.3	89.4	90.0
460-336309-15	4E_0-7	62.4	67.2	79.1	37.6	29.8	52.1	57.7	64.4
460-336309-16	4E_7-14	88.8	116	95.3	51.6	45.3	77.2	86.5	84.1
460-336309-17	4F_0-7	96.4	143	81.6	62.7	53.9	81.3	84.1	89.9
460-336309-18	4F_7-14	101	126	91.0	42.7	35.9	70.0	78.4	77.2
LCS 410-710609/2-A	Lab Control Sample	85.0	110	87.1	45.8	38.9	72.0	82.0	85.0
LCS 410-711573/2-A	Lab Control Sample	69.0	55.1	77.6	42.3	39.7	39.2	44.0	55.7
LCS 410-711992/2-A	Lab Control Sample	75.5	82.1	83.9	61.0	50.2	56.6	64.3	79.1
LCSD 410-710609/3-A	Lab Control Sample Dup	79.2	93.6	84.1	47.9	41.5	65.8	74.2	77.9
LCSD 410-711573/3-A	Lab Control Sample Dup	71.8	65.3	76.6	42.5	34.6	30.6	38.5	44.4
LCSD 410-711992/4-A	Lab Control Sample Dup	71.0	71.8	80.0	46.6	40.5	50.2	54.3	72.2
LLCS 410-710609/4-A	Lab Control Sample	87.8	107	92.7	57.7	46.8	77.0	84.7	87.7
LLCS 410-711573/4-A	Lab Control Sample	94.0	91.4	93.1	41.2	34.8	43.9	50.8	75.5
LLCS 410-711992/3-A	Lab Control Sample	71.4	73.1	81.1	52.4	43.2	51.2	54.5	72.3
MB 410-710609/1-A	Method Blank	93.3	109	98.0	52.0	41.4	74.6	83.9	86.7
MB 410-711573/1-A	Method Blank	78.6	85.9	80.9	40.0	37.3	36.9	41.0	67.1
MB 410-711992/1-A	Method Blank	74.6	78.5	86.0	53.2	46.4	56.6	59.9	79.8

Surrogate Legend

PFBA = 13C4 PFBA

Isotope Dilution Summary

Client: Haley & Aldrich, Inc.
Project/Site: Former Port Mobil

Job ID: 460-336309-1

PFPeA = 13C5 PFPeA
13C5PHA = 13C5 PFHxA
C4PFHA = 13C4 PFHpA
C8PFOA = 13C8 PFOA
C9PFNA = 13C9 PFNA
C6PFDA = 13C6 PFDA
13C7PUA = 13C7 PFUnA
PFTDA = 13C2 PFTeDA
C3PFBS = 13C3 PFBS
C3PFHS = 13C3 PFHxS
C8PFOS = 13C8 PFOS
PFOSA = 13C8 FOSA
d3NMFOS = d3-NMeFOSAA
d5NEFOS = d5-NEtFOSAA
M242FTS = 13C2 4:2 FTS
M262FTS = 13C2 6:2 FTS
M282FTS = 13C2 8:2 FTS
HFPODA = 13C3 HFPO-DA
NMFM = d7-N-MeFOSE-M
NEFM = d9-N-EtFOSE-M
d5NPFSA = d5-NEtPFOSA
d3NMFSA = d3-NMePFOSA
PFDoA = 13C2 PFDoA

Method: 8260D - Volatile Organic Compounds by GC/MS

Lab Sample ID: MB 460-1066254/7
Matrix: Solid
Analysis Batch: 1066254

Client Sample ID: Method Blank
Prep Type: Total/NA

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1-Trichloroethane	0.0010	U	0.0010	0.00023	mg/Kg			10/07/25 07:05	1
1,1,2,2-Tetrachloroethane	0.0010	U	0.0010	0.00052	mg/Kg			10/07/25 07:05	1
1,1,2-Trichloro-1,2,2-trifluoroethane	0.0010	U	0.0010	0.00030	mg/Kg			10/07/25 07:05	1
1,1,2-Trichloroethane	0.0010	U	0.0010	0.00060	mg/Kg			10/07/25 07:05	1
1,1-Dichloroethane	0.0010	U	0.0010	0.00060	mg/Kg			10/07/25 07:05	1
1,1-Dichloroethene	0.0010	U	0.0010	0.00023	mg/Kg			10/07/25 07:05	1
1,2,3-Trichlorobenzene	0.0010	U	0.0010	0.00074	mg/Kg			10/07/25 07:05	1
1,2,4-Trichlorobenzene	0.0010	U	0.0010	0.00036	mg/Kg			10/07/25 07:05	1
1,2,4-Trimethylbenzene	0.0010	U	0.0010	0.00025	mg/Kg			10/07/25 07:05	1
1,2-Dibromo-3-Chloropropane	0.0010	U	0.0010	0.00046	mg/Kg			10/07/25 07:05	1
1,2-Dichlorobenzene	0.0010	U	0.0010	0.00036	mg/Kg			10/07/25 07:05	1
1,2-Dichloroethane	0.0010	U	0.0010	0.00030	mg/Kg			10/07/25 07:05	1
1,2-Dichloropropane	0.0010	U	0.0010	0.00042	mg/Kg			10/07/25 07:05	1
1,3,5-Trimethylbenzene	0.0010	U	0.0010	0.00031	mg/Kg			10/07/25 07:05	1
1,3-Dichlorobenzene	0.0010	U	0.0010	0.00037	mg/Kg			10/07/25 07:05	1
1,4-Dichlorobenzene	0.0010	U	0.0010	0.00052	mg/Kg			10/07/25 07:05	1
2-Butanone (MEK)	0.0050	U	0.0050	0.00037	mg/Kg			10/07/25 07:05	1
2-Hexanone	0.0050	U	0.0050	0.0017	mg/Kg			10/07/25 07:05	1
4-Methyl-2-pentanone (MIBK)	0.0050	U	0.0050	0.0016	mg/Kg			10/07/25 07:05	1
Acetone	0.0060	U	0.0060	0.0057	mg/Kg			10/07/25 07:05	1
Benzene	0.0010	U	0.0010	0.00057	mg/Kg			10/07/25 07:05	1
Bromoform	0.0010	U	0.0010	0.00043	mg/Kg			10/07/25 07:05	1
Bromomethane	0.0020	U	0.0020	0.0010	mg/Kg			10/07/25 07:05	1
Carbon disulfide	0.0010	U	0.0010	0.00027	mg/Kg			10/07/25 07:05	1
Carbon tetrachloride	0.0010	U	0.0010	0.00039	mg/Kg			10/07/25 07:05	1
Chlorobenzene	0.0010	U	0.0010	0.00051	mg/Kg			10/07/25 07:05	1
Chlorobromomethane	0.0010	U	0.0010	0.00060	mg/Kg			10/07/25 07:05	1
Chlorodibromomethane	0.0010	U	0.0010	0.00054	mg/Kg			10/07/25 07:05	1
Chloroethane	0.0010	U	0.0010	0.00052	mg/Kg			10/07/25 07:05	1
Chloroform	0.0010	U	0.0010	0.00097	mg/Kg			10/07/25 07:05	1
Chloromethane	0.0010	U	0.0010	0.00044	mg/Kg			10/07/25 07:05	1
cis-1,2-Dichloroethene	0.0010	U	0.0010	0.00036	mg/Kg			10/07/25 07:05	1
cis-1,3-Dichloropropene	0.0010	U	0.0010	0.00027	mg/Kg			10/07/25 07:05	1
Cyclohexane	0.0010	U	0.0010	0.00022	mg/Kg			10/07/25 07:05	1
Dichlorobromomethane	0.0010	U	0.0010	0.00026	mg/Kg			10/07/25 07:05	1
Dichlorodifluoromethane	0.0010	U	0.0010	0.00034	mg/Kg			10/07/25 07:05	1
Ethylbenzene	0.0010	U	0.0010	0.00047	mg/Kg			10/07/25 07:05	1
Ethylene Dibromide	0.0010	U	0.0010	0.00050	mg/Kg			10/07/25 07:05	1
Isopropylbenzene	0.0010	U	0.0010	0.00029	mg/Kg			10/07/25 07:05	1
Methyl acetate	0.0050	U	0.0050	0.0043	mg/Kg			10/07/25 07:05	1
Methyl tert-butyl ether	0.0010	U	0.0010	0.00051	mg/Kg			10/07/25 07:05	1
Methylcyclohexane	0.0010	U	0.0010	0.00050	mg/Kg			10/07/25 07:05	1
Methylene Chloride	0.0020	U	0.0020	0.0011	mg/Kg			10/07/25 07:05	1
m-Xylene & p-Xylene	0.0010	U	0.0010	0.00042	mg/Kg			10/07/25 07:05	1
n-Butylbenzene	0.0010	U	0.0010	0.00029	mg/Kg			10/07/25 07:05	1
N-Propylbenzene	0.0010	U	0.0010	0.00045	mg/Kg			10/07/25 07:05	1
o-Xylene	0.0010	U	0.0010	0.00046	mg/Kg			10/07/25 07:05	1
sec-Butylbenzene	0.0010	U	0.0010	0.00029	mg/Kg			10/07/25 07:05	1

Method: 8260D - Volatile Organic Compounds by GC/MS (Continued)

Lab Sample ID: MB 460-1066254/7
Matrix: Solid
Analysis Batch: 1066254

Client Sample ID: Method Blank
Prep Type: Total/NA

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Styrene	0.0010	U	0.0010	0.00028	mg/Kg			10/07/25 07:05	1
tert-Butylbenzene	0.0010	U	0.0010	0.00028	mg/Kg			10/07/25 07:05	1
Tetrachloroethene	0.0010	U	0.0010	0.00031	mg/Kg			10/07/25 07:05	1
Toluene	0.0010	U	0.0010	0.00023	mg/Kg			10/07/25 07:05	1
trans-1,2-Dichloroethene	0.0010	U	0.0010	0.00025	mg/Kg			10/07/25 07:05	1
trans-1,3-Dichloropropene	0.0010	U	0.0010	0.00027	mg/Kg			10/07/25 07:05	1
Trichloroethene	0.0010	U	0.0010	0.00032	mg/Kg			10/07/25 07:05	1
Trichlorofluoromethane	0.0010	U	0.0010	0.00041	mg/Kg			10/07/25 07:05	1
Vinyl chloride	0.0010	U	0.0010	0.00055	mg/Kg			10/07/25 07:05	1
Xylenes, Total	0.0020	U	0.0020	0.00017	mg/Kg			10/07/25 07:05	1

Surrogate	*MB %Recovery*	*MB Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,2-Dichloroethane-d4 (Surr)	*107*		*65 - 138*		*10/07/25 07:05*	*1*
4-Bromofluorobenzene	*98*		*71 - 128*		*10/07/25 07:05*	*1*
Dibromofluoromethane (Surr)	*114*		*50 - 150*		*10/07/25 07:05*	*1*
Toluene-d8 (Surr)	*95*		*71 - 126*		*10/07/25 07:05*	*1*

Lab Sample ID: LCS 460-1066254/3
Matrix: Solid
Analysis Batch: 1066254

Client Sample ID: Lab Control Sample
Prep Type: Total/NA

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
1,1,1-Trichloroethane	0.0200	0.0179		mg/Kg		90	78 - 120
1,1,2,2-Tetrachloroethane	0.0200	0.0212		mg/Kg		106	70 - 133
1,1,2-Trichloro-1,2,2-trifluoroethane	0.0200	0.0178		mg/Kg		89	75 - 121
1,1,2-Trichloroethane	0.0200	0.0219		mg/Kg		110	80 - 120
1,1-Dichloroethane	0.0200	0.0175		mg/Kg		87	72 - 120
1,1-Dichloroethene	0.0200	0.0174		mg/Kg		87	76 - 120
1,2,3-Trichlorobenzene	0.0200	0.0196		mg/Kg		98	77 - 137
1,2,4-Trichlorobenzene	0.0200	0.0180		mg/Kg		90	77 - 136
1,2,4-Trimethylbenzene	0.0200	0.0182		mg/Kg		91	75 - 120
1,2-Dibromo-3-Chloropropane	0.0200	0.0192		mg/Kg		96	80 - 124
1,2-Dichlorobenzene	0.0200	0.0209		mg/Kg		104	80 - 120
1,2-Dichloroethane	0.0200	0.0195		mg/Kg		98	70 - 123
1,2-Dichloropropane	0.0200	0.0186		mg/Kg		93	73 - 124
1,3,5-Trimethylbenzene	0.0200	0.0181		mg/Kg		91	70 - 120
1,3-Dichlorobenzene	0.0200	0.0190		mg/Kg		95	80 - 120
1,4-Dichlorobenzene	0.0200	0.0192		mg/Kg		96	80 - 120
2-Butanone (MEK)	0.100	0.110		mg/Kg		110	64 - 128
2-Hexanone	0.100	0.113		mg/Kg		113	75 - 120
4-Methyl-2-pentanone (MIBK)	0.100	0.119		mg/Kg		119	80 - 120
Acetone	0.100	0.103		mg/Kg		103	58 - 122
Benzene	0.0200	0.0185		mg/Kg		92	75 - 120
Bromoform	0.0200	0.0206		mg/Kg		103	61 - 125
Bromomethane	0.0200	0.0126		mg/Kg		63	37 - 150
Carbon disulfide	0.0200	0.0171		mg/Kg		85	57 - 133
Carbon tetrachloride	0.0200	0.0171		mg/Kg		86	66 - 127
Chlorobenzene	0.0200	0.0191		mg/Kg		96	80 - 120

Method: 8260D - Volatile Organic Compounds by GC/MS (Continued)

Lab Sample ID: LCS 460-1066254/3
Matrix: Solid
Analysis Batch: 1066254

Client Sample ID: Lab Control Sample
Prep Type: Total/NA

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
Chlorobromomethane	0.0200	0.0204		mg/Kg		102	76 - 127
Chlorodibromomethane	0.0200	0.0203		mg/Kg		102	72 - 120
Chloroethane	0.0200	0.0166		mg/Kg		83	60 - 123
Chloroform	0.0200	0.0181		mg/Kg		90	79 - 126
Chloromethane	0.0200	0.0174		mg/Kg		87	46 - 122
cis-1,2-Dichloroethene	0.0200	0.0187		mg/Kg		94	80 - 123
cis-1,3-Dichloropropene	0.0200	0.0188		mg/Kg		94	75 - 120
Cyclohexane	0.0200	0.0183		mg/Kg		91	65 - 132
Dichlorobromomethane	0.0200	0.0191		mg/Kg		96	77 - 124
Dichlorodifluoromethane	0.0200	0.0187		mg/Kg		94	45 - 129
Ethylbenzene	0.0200	0.0189		mg/Kg		94	80 - 120
Ethylene Dibromide	0.0200	0.0220		mg/Kg		110	79 - 120
Isopropylbenzene	0.0200	0.0180		mg/Kg		90	74 - 120
Methyl acetate	0.0400	0.0372		mg/Kg		93	57 - 120
Methyl tert-butyl ether	0.0200	0.0203		mg/Kg		102	74 - 125
Methylcyclohexane	0.0200	0.0179		mg/Kg		89	66 - 125
Methylene Chloride	0.0200	0.0195		mg/Kg		98	78 - 120
m-Xylene & p-Xylene	0.0200	0.0187		mg/Kg		93	80 - 120
n-Butylbenzene	0.0200	0.0172		mg/Kg		86	72 - 120
N-Propylbenzene	0.0200	0.0179		mg/Kg		90	68 - 120
o-Xylene	0.0200	0.0191		mg/Kg		96	80 - 120
sec-Butylbenzene	0.0200	0.0177		mg/Kg		89	78 - 120
Styrene	0.0200	0.0190		mg/Kg		95	80 - 120
tert-Butylbenzene	0.0200	0.0177		mg/Kg		89	80 - 120
Tetrachloroethene	0.0200	0.0190		mg/Kg		95	73 - 120
Toluene	0.0200	0.0180		mg/Kg		90	80 - 120
trans-1,2-Dichloroethene	0.0200	0.0179		mg/Kg		90	78 - 120
trans-1,3-Dichloropropene	0.0200	0.0185		mg/Kg		93	77 - 120
Trichloroethene	0.0200	0.0185		mg/Kg		93	80 - 120
Trichlorofluoromethane	0.0200	0.0181		mg/Kg		90	61 - 130
Vinyl chloride	0.0200	0.0184		mg/Kg		92	54 - 122
Xylenes, Total	0.0400	0.0378		mg/Kg		95	80 - 120

Surrogate	*LCS %Recovery*	*LCS Qualifier*	*Limits*
1,2-Dichloroethane-d4 (Surr)	*97*		*65 - 138*
4-Bromofluorobenzene	*101*		*71 - 128*
Dibromofluoromethane (Surr)	*96*		*50 - 150*
Toluene-d8 (Surr)	*98*		*71 - 126*

Lab Sample ID: LCSD 460-1066254/4
Matrix: Solid
Analysis Batch: 1066254

Client Sample ID: Lab Control Sample Dup
Prep Type: Total/NA

Analyte	Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
1,1,1-Trichloroethane	0.0200	0.0193		mg/Kg		96	78 - 120	7	30
1,1,2,2-Tetrachloroethane	0.0200	0.0209		mg/Kg		105	70 - 133	1	30
1,1,2-Trichloro-1,2,2-trifluoroethane	0.0200	0.0199		mg/Kg		99	75 - 121	11	30
1,1,2-Trichloroethane	0.0200	0.0222		mg/Kg		111	80 - 120	1	30

Method: 8260D - Volatile Organic Compounds by GC/MS (Continued)

Lab Sample ID: LCSD 460-1066254/4
Matrix: Solid
Analysis Batch: 1066254

Client Sample ID: Lab Control Sample Dup
Prep Type: Total/NA

Analyte	Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
1,1-Dichloroethane	0.0200	0.0187		mg/Kg		93	72 - 120	6	30
1,1-Dichloroethene	0.0200	0.0190		mg/Kg		95	76 - 120	8	30
1,2,3-Trichlorobenzene	0.0200	0.0195		mg/Kg		98	77 - 137	1	30
1,2,4-Trichlorobenzene	0.0200	0.0181		mg/Kg		90	77 - 136	1	30
1,2,4-Trimethylbenzene	0.0200	0.0185		mg/Kg		92	75 - 120	2	30
1,2-Dibromo-3-Chloropropane	0.0200	0.0195		mg/Kg		98	80 - 124	1	30
1,2-Dichlorobenzene	0.0200	0.0211		mg/Kg		106	80 - 120	1	30
1,2-Dichloroethane	0.0200	0.0207		mg/Kg		104	70 - 123	6	30
1,2-Dichloropropane	0.0200	0.0194		mg/Kg		97	73 - 124	4	30
1,3,5-Trimethylbenzene	0.0200	0.0185		mg/Kg		93	70 - 120	2	30
1,3-Dichlorobenzene	0.0200	0.0193		mg/Kg		97	80 - 120	2	30
1,4-Dichlorobenzene	0.0200	0.0195		mg/Kg		98	80 - 120	2	30
2-Butanone (MEK)	0.100	0.107		mg/Kg		107	64 - 128	2	30
2-Hexanone	0.100	0.114		mg/Kg		114	75 - 120	1	30
4-Methyl-2-pentanone (MIBK)	0.100	0.120		mg/Kg		120	80 - 120	0	30
Acetone	0.100	0.103		mg/Kg		103	58 - 122	0	30
Benzene	0.0200	0.0192		mg/Kg		96	75 - 120	4	30
Bromoform	0.0200	0.0209		mg/Kg		104	61 - 125	1	30
Bromomethane	0.0200	0.0147		mg/Kg		73	37 - 150	16	30
Carbon disulfide	0.0200	0.0190		mg/Kg		95	57 - 133	11	30
Carbon tetrachloride	0.0200	0.0185		mg/Kg		93	66 - 127	8	30
Chlorobenzene	0.0200	0.0197		mg/Kg		99	80 - 120	3	30
Chlorobromomethane	0.0200	0.0211		mg/Kg		106	76 - 127	3	30
Chlorodibromomethane	0.0200	0.0211		mg/Kg		106	72 - 120	4	30
Chloroethane	0.0200	0.0188		mg/Kg		94	60 - 123	12	30
Chloroform	0.0200	0.0193		mg/Kg		97	79 - 126	7	30
Chloromethane	0.0200	0.0197		mg/Kg		98	46 - 122	12	30
cis-1,2-Dichloroethene	0.0200	0.0199		mg/Kg		100	80 - 123	6	30
cis-1,3-Dichloropropene	0.0200	0.0193		mg/Kg		96	75 - 120	3	30
Cyclohexane	0.0200	0.0205		mg/Kg		102	65 - 132	11	30
Dichlorobromomethane	0.0200	0.0200		mg/Kg		100	77 - 124	4	30
Dichlorodifluoromethane	0.0200	0.0201		mg/Kg		101	45 - 129	7	30
Ethylbenzene	0.0200	0.0197		mg/Kg		99	80 - 120	4	30
Ethylene Dibromide	0.0200	0.0230		mg/Kg		115	79 - 120	4	30
Isopropylbenzene	0.0200	0.0191		mg/Kg		96	74 - 120	6	30
Methyl acetate	0.0400	0.0386		mg/Kg		97	57 - 120	4	30
Methyl tert-butyl ether	0.0200	0.0212		mg/Kg		106	74 - 125	4	30
Methylcyclohexane	0.0200	0.0201		mg/Kg		100	66 - 125	12	30
Methylene Chloride	0.0200	0.0208		mg/Kg		104	78 - 120	6	30
m-Xylene & p-Xylene	0.0200	0.0195		mg/Kg		98	80 - 120	4	30
n-Butylbenzene	0.0200	0.0174		mg/Kg		87	72 - 120	2	30
N-Propylbenzene	0.0200	0.0186		mg/Kg		93	68 - 120	4	30
o-Xylene	0.0200	0.0199		mg/Kg		99	80 - 120	4	30
sec-Butylbenzene	0.0200	0.0184		mg/Kg		92	78 - 120	4	30
Styrene	0.0200	0.0192		mg/Kg		96	80 - 120	1	30
tert-Butylbenzene	0.0200	0.0185		mg/Kg		92	80 - 120	4	30
Tetrachloroethene	0.0200	0.0200		mg/Kg		100	73 - 120	5	30
Toluene	0.0200	0.0191		mg/Kg		95	80 - 120	6	30
trans-1,2-Dichloroethene	0.0200	0.0194		mg/Kg		97	78 - 120	8	30

Method: 8260D - Volatile Organic Compounds by GC/MS (Continued)

Lab Sample ID: LCSD 460-1066254/4
Matrix: Solid
Analysis Batch: 1066254

Client Sample ID: Lab Control Sample Dup
Prep Type: Total/NA

Analyte			Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
trans-1,3-Dichloropropene			0.0200	0.0193		mg/Kg		96	77 - 120	4	30
Trichloroethene			0.0200	0.0205		mg/Kg		102	80 - 120	10	30
Trichlorofluoromethane			0.0200	0.0211		mg/Kg		106	61 - 130	16	30
Vinyl chloride			0.0200	0.0213		mg/Kg		107	54 - 122	15	30
Xylenes, Total			0.0400	0.0394		mg/Kg		99	80 - 120	4	30

Surrogate	*LCSD %Recovery*	*LCSD Qualifier*	*Limits*
1,2-Dichloroethane-d4 (Surr)	*99*		*65 - 138*
4-Bromofluorobenzene	*101*		*71 - 128*
Dibromofluoromethane (Surr)	*96*		*50 - 150*
Toluene-d8 (Surr)	*98*		*71 - 126*

Lab Sample ID: MB 460-1066309/7
Matrix: Solid
Analysis Batch: 1066309

Client Sample ID: Method Blank
Prep Type: Total/NA

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1-Trichloroethane	0.0010	U	0.0010	0.00023	mg/Kg			10/06/25 23:21	1
1,1,2,2-Tetrachloroethane	0.0010	U	0.0010	0.00052	mg/Kg			10/06/25 23:21	1
1,1,2-Trichloro-1,2,2-trifluoroethane	0.0010	U	0.0010	0.00030	mg/Kg			10/06/25 23:21	1
1,1,2-Trichloroethane	0.0010	U	0.0010	0.00060	mg/Kg			10/06/25 23:21	1
1,1-Dichloroethane	0.0010	U	0.0010	0.00060	mg/Kg			10/06/25 23:21	1
1,1-Dichloroethene	0.0010	U	0.0010	0.00023	mg/Kg			10/06/25 23:21	1
1,2,3-Trichlorobenzene	0.0010	U	0.0010	0.00074	mg/Kg			10/06/25 23:21	1
1,2,4-Trichlorobenzene	0.0010	U	0.0010	0.00036	mg/Kg			10/06/25 23:21	1
1,2,4-Trimethylbenzene	0.0010	U	0.0010	0.00025	mg/Kg			10/06/25 23:21	1
1,2-Dibromo-3-Chloropropane	0.0010	U	0.0010	0.00046	mg/Kg			10/06/25 23:21	1
1,2-Dichlorobenzene	0.0010	U	0.0010	0.00036	mg/Kg			10/06/25 23:21	1
1,2-Dichloroethane	0.0010	U	0.0010	0.00030	mg/Kg			10/06/25 23:21	1
1,2-Dichloropropane	0.0010	U	0.0010	0.00042	mg/Kg			10/06/25 23:21	1
1,3,5-Trimethylbenzene	0.0010	U	0.0010	0.00031	mg/Kg			10/06/25 23:21	1
1,3-Dichlorobenzene	0.0010	U	0.0010	0.00037	mg/Kg			10/06/25 23:21	1
1,4-Dichlorobenzene	0.0010	U	0.0010	0.00052	mg/Kg			10/06/25 23:21	1
2-Butanone (MEK)	0.0050	U	0.0050	0.00037	mg/Kg			10/06/25 23:21	1
2-Hexanone	0.0050	U	0.0050	0.0017	mg/Kg			10/06/25 23:21	1
4-Methyl-2-pentanone (MIBK)	0.0050	U	0.0050	0.0016	mg/Kg			10/06/25 23:21	1
Acetone	0.0060	U	0.0060	0.0057	mg/Kg			10/06/25 23:21	1
Benzene	0.0010	U	0.0010	0.00057	mg/Kg			10/06/25 23:21	1
Bromoform	0.0010	U	0.0010	0.00043	mg/Kg			10/06/25 23:21	1
Bromomethane	0.0020	U	0.0020	0.0010	mg/Kg			10/06/25 23:21	1
Carbon disulfide	0.0010	U	0.0010	0.00027	mg/Kg			10/06/25 23:21	1
Carbon tetrachloride	0.0010	U	0.0010	0.00039	mg/Kg			10/06/25 23:21	1
Chlorobenzene	0.0010	U	0.0010	0.00051	mg/Kg			10/06/25 23:21	1
Chlorobromomethane	0.0010	U	0.0010	0.00060	mg/Kg			10/06/25 23:21	1
Chlorodibromomethane	0.0010	U	0.0010	0.00054	mg/Kg			10/06/25 23:21	1
Chloroethane	0.0010	U	0.0010	0.00052	mg/Kg			10/06/25 23:21	1
Chloroform	0.0010	U	0.0010	0.00097	mg/Kg			10/06/25 23:21	1
Chloromethane	0.0010	U	0.0010	0.00044	mg/Kg			10/06/25 23:21	1

Method: 8260D - Volatile Organic Compounds by GC/MS (Continued)

Lab Sample ID: MB 460-1066309/7
Matrix: Solid
Analysis Batch: 1066309

Client Sample ID: Method Blank
Prep Type: Total/NA

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
cis-1,2-Dichloroethene	0.0010	U	0.0010	0.00036	mg/Kg			10/06/25 23:21	1
cis-1,3-Dichloropropene	0.0010	U	0.0010	0.00027	mg/Kg			10/06/25 23:21	1
Cyclohexane	0.0010	U	0.0010	0.00022	mg/Kg			10/06/25 23:21	1
Dichlorobromomethane	0.0010	U	0.0010	0.00026	mg/Kg			10/06/25 23:21	1
Dichlorodifluoromethane	0.0010	U	0.0010	0.00034	mg/Kg			10/06/25 23:21	1
Ethylbenzene	0.0010	U	0.0010	0.00047	mg/Kg			10/06/25 23:21	1
Ethylene Dibromide	0.0010	U	0.0010	0.00050	mg/Kg			10/06/25 23:21	1
Isopropylbenzene	0.0010	U	0.0010	0.00029	mg/Kg			10/06/25 23:21	1
Methyl acetate	0.0050	U	0.0050	0.0043	mg/Kg			10/06/25 23:21	1
Methyl tert-butyl ether	0.0010	U	0.0010	0.00051	mg/Kg			10/06/25 23:21	1
Methylcyclohexane	0.0010	U	0.0010	0.00050	mg/Kg			10/06/25 23:21	1
Methylene Chloride	0.0020	U	0.0020	0.0011	mg/Kg			10/06/25 23:21	1
m-Xylene & p-Xylene	0.0010	U	0.0010	0.00042	mg/Kg			10/06/25 23:21	1
n-Butylbenzene	0.0010	U	0.0010	0.00029	mg/Kg			10/06/25 23:21	1
N-Propylbenzene	0.0010	U	0.0010	0.00045	mg/Kg			10/06/25 23:21	1
o-Xylene	0.0010	U	0.0010	0.00046	mg/Kg			10/06/25 23:21	1
sec-Butylbenzene	0.0010	U	0.0010	0.00029	mg/Kg			10/06/25 23:21	1
Styrene	0.0010	U	0.0010	0.00028	mg/Kg			10/06/25 23:21	1
tert-Butylbenzene	0.0010	U	0.0010	0.00028	mg/Kg			10/06/25 23:21	1
Tetrachloroethene	0.0010	U	0.0010	0.00031	mg/Kg			10/06/25 23:21	1
Toluene	0.000391	J	0.0010	0.00023	mg/Kg			10/06/25 23:21	1
trans-1,2-Dichloroethene	0.0010	U	0.0010	0.00025	mg/Kg			10/06/25 23:21	1
trans-1,3-Dichloropropene	0.0010	U	0.0010	0.00027	mg/Kg			10/06/25 23:21	1
Trichloroethene	0.0010	U	0.0010	0.00032	mg/Kg			10/06/25 23:21	1
Trichlorofluoromethane	0.0010	U	0.0010	0.00041	mg/Kg			10/06/25 23:21	1
Vinyl chloride	0.0010	U	0.0010	0.00055	mg/Kg			10/06/25 23:21	1
Xylenes, Total	0.0020	U	0.0020	0.00017	mg/Kg			10/06/25 23:21	1

Surrogate	*MB %Recovery*	*MB Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,2-Dichloroethane-d4 (Surr)	*99*		*65 - 138*		*10/06/25 23:21*	*1*
4-Bromofluorobenzene	*92*		*71 - 128*		*10/06/25 23:21*	*1*
Dibromofluoromethane (Surr)	*98*		*50 - 150*		*10/06/25 23:21*	*1*
Toluene-d8 (Surr)	*100*		*71 - 126*		*10/06/25 23:21*	*1*

Lab Sample ID: LCS 460-1066309/3
Matrix: Solid
Analysis Batch: 1066309

Client Sample ID: Lab Control Sample
Prep Type: Total/NA

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
1,1,1-Trichloroethane	0.0200	0.0175		mg/Kg		88	78 - 120
1,1,2,2-Tetrachloroethane	0.0200	0.0203		mg/Kg		101	70 - 133
1,1,2-Trichloro-1,2,2-trifluoroethane	0.0200	0.0180		mg/Kg		90	75 - 121
1,1,2-Trichloroethane	0.0200	0.0200		mg/Kg		100	80 - 120
1,1-Dichloroethane	0.0200	0.0190		mg/Kg		95	72 - 120
1,1-Dichloroethene	0.0200	0.0193		mg/Kg		97	76 - 120
1,2,3-Trichlorobenzene	0.0200	0.0188		mg/Kg		94	77 - 137
1,2,4-Trichlorobenzene	0.0200	0.0183		mg/Kg		92	77 - 136
1,2,4-Trimethylbenzene	0.0200	0.0195		mg/Kg		98	75 - 120

Method: 8260D - Volatile Organic Compounds by GC/MS (Continued)

Lab Sample ID: LCS 460-1066309/3
Matrix: Solid
Analysis Batch: 1066309

Client Sample ID: Lab Control Sample
Prep Type: Total/NA

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
1,2-Dibromo-3-Chloropropane	0.0200	0.0194		mg/Kg		97	80 - 124
1,2-Dichlorobenzene	0.0200	0.0196		mg/Kg		98	80 - 120
1,2-Dichloroethane	0.0200	0.0176		mg/Kg		88	70 - 123
1,2-Dichloropropane	0.0200	0.0190		mg/Kg		95	73 - 124
1,3,5-Trimethylbenzene	0.0200	0.0193		mg/Kg		97	70 - 120
1,3-Dichlorobenzene	0.0200	0.0202		mg/Kg		101	80 - 120
1,4-Dichlorobenzene	0.0200	0.0194		mg/Kg		97	80 - 120
2-Butanone (MEK)	0.100	0.0993		mg/Kg		99	64 - 128
2-Hexanone	0.100	0.100		mg/Kg		100	75 - 120
4-Methyl-2-pentanone (MIBK)	0.100	0.100		mg/Kg		100	80 - 120
Acetone	0.100	0.0983		mg/Kg		98	58 - 122
Benzene	0.0200	0.0195		mg/Kg		98	75 - 120
Bromoform	0.0200	0.0191		mg/Kg		95	61 - 125
Bromomethane	0.0200	0.0146		mg/Kg		73	37 - 150
Carbon disulfide	0.0200	0.0184		mg/Kg		92	57 - 133
Carbon tetrachloride	0.0200	0.0168		mg/Kg		84	66 - 127
Chlorobenzene	0.0200	0.0194		mg/Kg		97	80 - 120
Chlorobromomethane	0.0200	0.0198		mg/Kg		99	76 - 127
Chlorodibromomethane	0.0200	0.0188		mg/Kg		94	72 - 120
Chloroethane	0.0200	0.0159		mg/Kg		80	60 - 123
Chloroform	0.0200	0.0186		mg/Kg		93	79 - 126
Chloromethane	0.0200	0.0219		mg/Kg		109	46 - 122
cis-1,2-Dichloroethene	0.0200	0.0188		mg/Kg		94	80 - 123
cis-1,3-Dichloropropene	0.0200	0.0184		mg/Kg		92	75 - 120
Cyclohexane	0.0200	0.0190		mg/Kg		95	65 - 132
Dichlorobromomethane	0.0200	0.0177		mg/Kg		88	77 - 124
Dichlorodifluoromethane	0.0200	0.0247		mg/Kg		123	45 - 129
Ethylbenzene	0.0200	0.0194		mg/Kg		97	80 - 120
Ethylene Dibromide	0.0200	0.0197		mg/Kg		98	79 - 120
Isopropylbenzene	0.0200	0.0197		mg/Kg		98	74 - 120
Methyl acetate	0.0400	0.0371		mg/Kg		93	57 - 120
Methyl tert-butyl ether	0.0200	0.0183		mg/Kg		92	74 - 125
Methylcyclohexane	0.0200	0.0188		mg/Kg		94	66 - 125
Methylene Chloride	0.0200	0.0203		mg/Kg		101	78 - 120
m-Xylene & p-Xylene	0.0200	0.0198		mg/Kg		99	80 - 120
n-Butylbenzene	0.0200	0.0195		mg/Kg		97	72 - 120
N-Propylbenzene	0.0200	0.0190		mg/Kg		95	68 - 120
o-Xylene	0.0200	0.0201		mg/Kg		100	80 - 120
sec-Butylbenzene	0.0200	0.0196		mg/Kg		98	78 - 120
Styrene	0.0200	0.0201		mg/Kg		100	80 - 120
tert-Butylbenzene	0.0200	0.0193		mg/Kg		96	80 - 120
Tetrachloroethene	0.0200	0.0178		mg/Kg		89	73 - 120
Toluene	0.0200	0.0192		mg/Kg		96	80 - 120
trans-1,2-Dichloroethene	0.0200	0.0183		mg/Kg		92	78 - 120
trans-1,3-Dichloropropene	0.0200	0.0180		mg/Kg		90	77 - 120
Trichloroethene	0.0200	0.0181		mg/Kg		90	80 - 120
Trichlorofluoromethane	0.0200	0.0184		mg/Kg		92	61 - 130
Vinyl chloride	0.0200	0.0207		mg/Kg		103	54 - 122
Xylenes, Total	0.0400	0.0399		mg/Kg		100	80 - 120

Method: 8260D - Volatile Organic Compounds by GC/MS (Continued)

Surrogate	LCS %Recovery	LCS Qualifier	Limits
1,2-Dichloroethane-d4 (Surr)	93		65 - 138
4-Bromofluorobenzene	95		71 - 128
Dibromofluoromethane (Surr)	94		50 - 150
Toluene-d8 (Surr)	99		71 - 126

Lab Sample ID: LCSD 460-1066309/4
Matrix: Solid
Analysis Batch: 1066309

Client Sample ID: Lab Control Sample Dup
Prep Type: Total/NA

Analyte			Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
1,1,1-Trichloroethane			0.0200	0.0188		mg/Kg		94	78 - 120	7	30
1,1,2,2-Tetrachloroethane			0.0200	0.0202		mg/Kg		101	70 - 133	1	30
1,1,2-Trichloro-1,2,2-trifluoroethane			0.0200	0.0196		mg/Kg		98	75 - 121	9	30
1,1,2-Trichloroethane			0.0200	0.0204		mg/Kg		102	80 - 120	2	30
1,1-Dichloroethane			0.0200	0.0201		mg/Kg		101	72 - 120	6	30
1,1-Dichloroethene			0.0200	0.0206		mg/Kg		103	76 - 120	7	30
1,2,3-Trichlorobenzene			0.0200	0.0195		mg/Kg		97	77 - 137	3	30
1,2,4-Trichlorobenzene			0.0200	0.0189		mg/Kg		95	77 - 136	3	30
1,2,4-Trimethylbenzene			0.0200	0.0208		mg/Kg		104	75 - 120	6	30
1,2-Dibromo-3-Chloropropane			0.0200	0.0197		mg/Kg		98	80 - 124	2	30
1,2-Dichlorobenzene			0.0200	0.0205		mg/Kg		103	80 - 120	5	30
1,2-Dichloroethane			0.0200	0.0178		mg/Kg		89	70 - 123	1	30
1,2-Dichloropropane			0.0200	0.0197		mg/Kg		98	73 - 124	4	30
1,3,5-Trimethylbenzene			0.0200	0.0204		mg/Kg		102	70 - 120	5	30
1,3-Dichlorobenzene			0.0200	0.0212		mg/Kg		106	80 - 120	5	30
1,4-Dichlorobenzene			0.0200	0.0202		mg/Kg		101	80 - 120	4	30
2-Butanone (MEK)			0.100	0.104		mg/Kg		104	64 - 128	5	30
2-Hexanone			0.100	0.102		mg/Kg		102	75 - 120	2	30
4-Methyl-2-pentanone (MIBK)			0.100	0.103		mg/Kg		103	80 - 120	3	30
Acetone			0.100	0.101		mg/Kg		101	58 - 122	3	30
Benzene			0.0200	0.0207		mg/Kg		103	75 - 120	6	30
Bromoform			0.0200	0.0197		mg/Kg		98	61 - 125	3	30
Bromomethane			0.0200	0.0147		mg/Kg		73	37 - 150	1	30
Carbon disulfide			0.0200	0.0200		mg/Kg		100	57 - 133	8	30
Carbon tetrachloride			0.0200	0.0182		mg/Kg		91	66 - 127	8	30
Chlorobenzene			0.0200	0.0204		mg/Kg		102	80 - 120	5	30
Chlorobromomethane			0.0200	0.0204		mg/Kg		102	76 - 127	3	30
Chlorodibromomethane			0.0200	0.0193		mg/Kg		96	72 - 120	3	30
Chloroethane			0.0200	0.0153		mg/Kg		77	60 - 123	4	30
Chloroform			0.0200	0.0194		mg/Kg		97	79 - 126	4	30
Chloromethane			0.0200	0.0234		mg/Kg		117	46 - 122	7	30
cis-1,2-Dichloroethene			0.0200	0.0193		mg/Kg		97	80 - 123	3	30
cis-1,3-Dichloropropene			0.0200	0.0196		mg/Kg		98	75 - 120	6	30
Cyclohexane			0.0200	0.0206		mg/Kg		103	65 - 132	8	30
Dichlorobromomethane			0.0200	0.0186		mg/Kg		93	77 - 124	5	30
Dichlorodifluoromethane			0.0200	0.0281	*	mg/Kg		140	45 - 129	13	30
Ethylbenzene			0.0200	0.0206		mg/Kg		103	80 - 120	6	30
Ethylene Dibromide			0.0200	0.0203		mg/Kg		102	79 - 120	3	30
Isopropylbenzene			0.0200	0.0209		mg/Kg		105	74 - 120	6	30
Methyl acetate			0.0400	0.0398		mg/Kg		99	57 - 120	7	30
Methyl tert-butyl ether			0.0200	0.0189		mg/Kg		94	74 - 125	3	30

Method: 8260D - Volatile Organic Compounds by GC/MS (Continued)

Lab Sample ID: LCSD 460-1066309/4
Matrix: Solid
Analysis Batch: 1066309

Client Sample ID: Lab Control Sample Dup
Prep Type: Total/NA

Analyte			Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Methylcyclohexane			0.0200	0.0208		mg/Kg		104	66 - 125	10	30
Methylene Chloride			0.0200	0.0211		mg/Kg		105	78 - 120	4	30
m-Xylene & p-Xylene			0.0200	0.0210		mg/Kg		105	80 - 120	6	30
n-Butylbenzene			0.0200	0.0209		mg/Kg		105	72 - 120	7	30
N-Propylbenzene			0.0200	0.0200		mg/Kg		100	68 - 120	5	30
o-Xylene			0.0200	0.0211		mg/Kg		106	80 - 120	5	30
sec-Butylbenzene			0.0200	0.0210		mg/Kg		105	78 - 120	7	30
Styrene			0.0200	0.0209		mg/Kg		105	80 - 120	4	30
tert-Butylbenzene			0.0200	0.0208		mg/Kg		104	80 - 120	8	30
Tetrachloroethene			0.0200	0.0193		mg/Kg		97	73 - 120	8	30
Toluene			0.0200	0.0203		mg/Kg		102	80 - 120	6	30
trans-1,2-Dichloroethene			0.0200	0.0196		mg/Kg		98	78 - 120	7	30
trans-1,3-Dichloropropene			0.0200	0.0187		mg/Kg		93	77 - 120	4	30
Trichloroethene			0.0200	0.0200		mg/Kg		100	80 - 120	10	30
Trichlorofluoromethane			0.0200	0.0207		mg/Kg		103	61 - 130	12	30
Vinyl chloride			0.0200	0.0229		mg/Kg		114	54 - 122	10	30
Xylenes, Total			0.0400	0.0421		mg/Kg		105	80 - 120	5	30

Surrogate	*LCSD %Recovery*	*LCSD Qualifier*	*Limits*
1,2-Dichloroethane-d4 (Surr)	*93*		*65 - 138*
4-Bromofluorobenzene	*96*		*71 - 128*
Dibromofluoromethane (Surr)	*93*		*50 - 150*
Toluene-d8 (Surr)	*100*		*71 - 126*

Lab Sample ID: MB 460-1066310/7
Matrix: Solid
Analysis Batch: 1066310

Client Sample ID: Method Blank
Prep Type: Total/NA

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1-Trichloroethane	0.0010	U	0.0010	0.00023	mg/Kg			10/07/25 10:37	1
1,1,2,2-Tetrachloroethane	0.0010	U	0.0010	0.00052	mg/Kg			10/07/25 10:37	1
1,1,2-Trichloro-1,2,2-trifluoroethane	0.0010	U	0.0010	0.00030	mg/Kg			10/07/25 10:37	1
1,1,2-Trichloroethane	0.0010	U	0.0010	0.00060	mg/Kg			10/07/25 10:37	1
1,1-Dichloroethane	0.0010	U	0.0010	0.00060	mg/Kg			10/07/25 10:37	1
1,1-Dichloroethene	0.0010	U	0.0010	0.00023	mg/Kg			10/07/25 10:37	1
1,2,3-Trichlorobenzene	0.0010	U	0.0010	0.00074	mg/Kg			10/07/25 10:37	1
1,2,4-Trichlorobenzene	0.0010	U	0.0010	0.00036	mg/Kg			10/07/25 10:37	1
1,2,4-Trimethylbenzene	0.0010	U	0.0010	0.00025	mg/Kg			10/07/25 10:37	1
1,2-Dibromo-3-Chloropropane	0.0010	U	0.0010	0.00046	mg/Kg			10/07/25 10:37	1
1,2-Dichlorobenzene	0.0010	U	0.0010	0.00036	mg/Kg			10/07/25 10:37	1
1,2-Dichloroethane	0.0010	U	0.0010	0.00030	mg/Kg			10/07/25 10:37	1
1,2-Dichloropropane	0.0010	U	0.0010	0.00042	mg/Kg			10/07/25 10:37	1
1,3,5-Trimethylbenzene	0.0010	U	0.0010	0.00031	mg/Kg			10/07/25 10:37	1
1,3-Dichlorobenzene	0.0010	U	0.0010	0.00037	mg/Kg			10/07/25 10:37	1
1,4-Dichlorobenzene	0.0010	U	0.0010	0.00052	mg/Kg			10/07/25 10:37	1
2-Butanone (MEK)	0.0050	U	0.0050	0.00037	mg/Kg			10/07/25 10:37	1
2-Hexanone	0.0050	U	0.0050	0.0017	mg/Kg			10/07/25 10:37	1
4-Methyl-2-pentanone (MIBK)	0.0050	U	0.0050	0.0016	mg/Kg			10/07/25 10:37	1

Method: 8260D - Volatile Organic Compounds by GC/MS (Continued)

Lab Sample ID: MB 460-1066310/7
Matrix: Solid
Analysis Batch: 1066310

Client Sample ID: Method Blank
Prep Type: Total/NA

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Acetone	0.0060	U	0.0060	0.0057	mg/Kg			10/07/25 10:37	1
Benzene	0.0010	U	0.0010	0.00057	mg/Kg			10/07/25 10:37	1
Bromoform	0.0010	U	0.0010	0.00043	mg/Kg			10/07/25 10:37	1
Bromomethane	0.0020	U	0.0020	0.0010	mg/Kg			10/07/25 10:37	1
Carbon disulfide	0.0010	U	0.0010	0.00027	mg/Kg			10/07/25 10:37	1
Carbon tetrachloride	0.0010	U	0.0010	0.00039	mg/Kg			10/07/25 10:37	1
Chlorobenzene	0.0010	U	0.0010	0.00051	mg/Kg			10/07/25 10:37	1
Chlorobromomethane	0.0010	U	0.0010	0.00060	mg/Kg			10/07/25 10:37	1
Chlorodibromomethane	0.0010	U	0.0010	0.00054	mg/Kg			10/07/25 10:37	1
Chloroethane	0.0010	U	0.0010	0.00052	mg/Kg			10/07/25 10:37	1
Chloroform	0.0010	U	0.0010	0.00097	mg/Kg			10/07/25 10:37	1
Chloromethane	0.0010	U	0.0010	0.00044	mg/Kg			10/07/25 10:37	1
cis-1,2-Dichloroethene	0.0010	U	0.0010	0.00036	mg/Kg			10/07/25 10:37	1
cis-1,3-Dichloropropene	0.0010	U	0.0010	0.00027	mg/Kg			10/07/25 10:37	1
Cyclohexane	0.0010	U	0.0010	0.00022	mg/Kg			10/07/25 10:37	1
Dichlorobromomethane	0.0010	U	0.0010	0.00026	mg/Kg			10/07/25 10:37	1
Dichlorodifluoromethane	0.0010	U	0.0010	0.00034	mg/Kg			10/07/25 10:37	1
Ethylbenzene	0.0010	U	0.0010	0.00047	mg/Kg			10/07/25 10:37	1
Ethylene Dibromide	0.0010	U	0.0010	0.00050	mg/Kg			10/07/25 10:37	1
Isopropylbenzene	0.0010	U	0.0010	0.00029	mg/Kg			10/07/25 10:37	1
Methyl acetate	0.0050	U	0.0050	0.0043	mg/Kg			10/07/25 10:37	1
Methyl tert-butyl ether	0.0010	U	0.0010	0.00051	mg/Kg			10/07/25 10:37	1
Methylcyclohexane	0.0010	U	0.0010	0.00050	mg/Kg			10/07/25 10:37	1
Methylene Chloride	0.0020	U	0.0020	0.0011	mg/Kg			10/07/25 10:37	1
m-Xylene & p-Xylene	0.0010	U	0.0010	0.00042	mg/Kg			10/07/25 10:37	1
n-Butylbenzene	0.0010	U	0.0010	0.00029	mg/Kg			10/07/25 10:37	1
N-Propylbenzene	0.0010	U	0.0010	0.00045	mg/Kg			10/07/25 10:37	1
o-Xylene	0.0010	U	0.0010	0.00046	mg/Kg			10/07/25 10:37	1
sec-Butylbenzene	0.0010	U	0.0010	0.00029	mg/Kg			10/07/25 10:37	1
Styrene	0.0010	U	0.0010	0.00028	mg/Kg			10/07/25 10:37	1
tert-Butylbenzene	0.0010	U	0.0010	0.00028	mg/Kg			10/07/25 10:37	1
Tetrachloroethene	0.0010	U	0.0010	0.00031	mg/Kg			10/07/25 10:37	1
Toluene	0.0010	U	0.0010	0.00023	mg/Kg			10/07/25 10:37	1
trans-1,2-Dichloroethene	0.0010	U	0.0010	0.00025	mg/Kg			10/07/25 10:37	1
trans-1,3-Dichloropropene	0.0010	U	0.0010	0.00027	mg/Kg			10/07/25 10:37	1
Trichloroethene	0.0010	U	0.0010	0.00032	mg/Kg			10/07/25 10:37	1
Trichlorofluoromethane	0.0010	U	0.0010	0.00041	mg/Kg			10/07/25 10:37	1
Vinyl chloride	0.0010	U	0.0010	0.00055	mg/Kg			10/07/25 10:37	1
Xylenes, Total	0.0020	U	0.0020	0.00017	mg/Kg			10/07/25 10:37	1

Surrogate	*MB %Recovery*	*MB Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,2-Dichloroethane-d4 (Surr)	*99*		*65 - 138*		*10/07/25 10:37*	*1*
4-Bromofluorobenzene	*92*		*71 - 128*		*10/07/25 10:37*	*1*
Dibromofluoromethane (Surr)	*98*		*50 - 150*		*10/07/25 10:37*	*1*
Toluene-d8 (Surr)	*100*		*71 - 126*		*10/07/25 10:37*	*1*

Method: 8260D - Volatile Organic Compounds by GC/MS (Continued)

Lab Sample ID: LCS 460-1066310/3
Matrix: Solid
Analysis Batch: 1066310

Client Sample ID: Lab Control Sample
Prep Type: Total/NA

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
1,1,1-Trichloroethane	0.0200	0.0164		mg/Kg		82	78 - 120
1,1,2,2-Tetrachloroethane	0.0200	0.0191		mg/Kg		96	70 - 133
1,1,2-Trichloro-1,2,2-trifluoroethane	0.0200	0.0170		mg/Kg		85	75 - 121
1,1,2-Trichloroethane	0.0200	0.0191		mg/Kg		96	80 - 120
1,1-Dichloroethane	0.0200	0.0181		mg/Kg		91	72 - 120
1,1-Dichloroethene	0.0200	0.0180		mg/Kg		90	76 - 120
1,2,3-Trichlorobenzene	0.0200	0.0179		mg/Kg		89	77 - 137
1,2,4-Trichlorobenzene	0.0200	0.0166		mg/Kg		83	77 - 136
1,2,4-Trimethylbenzene	0.0200	0.0187		mg/Kg		94	75 - 120
1,2-Dibromo-3-Chloropropane	0.0200	0.0179		mg/Kg		90	80 - 124
1,2-Dichlorobenzene	0.0200	0.0190		mg/Kg		95	80 - 120
1,2-Dichloroethane	0.0200	0.0166		mg/Kg		83	70 - 123
1,2-Dichloropropane	0.0200	0.0183		mg/Kg		91	73 - 124
1,3,5-Trimethylbenzene	0.0200	0.0186		mg/Kg		93	70 - 120
1,3-Dichlorobenzene	0.0200	0.0191		mg/Kg		96	80 - 120
1,4-Dichlorobenzene	0.0200	0.0184		mg/Kg		92	80 - 120
2-Butanone (MEK)	0.100	0.0990		mg/Kg		99	64 - 128
2-Hexanone	0.100	0.0973		mg/Kg		97	75 - 120
4-Methyl-2-pentanone (MIBK)	0.100	0.0969		mg/Kg		97	80 - 120
Acetone	0.100	0.0973		mg/Kg		97	58 - 122
Benzene	0.0200	0.0187		mg/Kg		94	75 - 120
Bromoform	0.0200	0.0183		mg/Kg		92	61 - 125
Bromomethane	0.0200	0.0140		mg/Kg		70	37 - 150
Carbon disulfide	0.0200	0.0177		mg/Kg		88	57 - 133
Carbon tetrachloride	0.0200	0.0156		mg/Kg		78	66 - 127
Chlorobenzene	0.0200	0.0188		mg/Kg		94	80 - 120
Chlorobromomethane	0.0200	0.0193		mg/Kg		96	76 - 127
Chlorodibromomethane	0.0200	0.0178		mg/Kg		89	72 - 120
Chloroethane	0.0200	0.0161		mg/Kg		81	60 - 123
Chloroform	0.0200	0.0179		mg/Kg		89	79 - 126
Chloromethane	0.0200	0.0208		mg/Kg		104	46 - 122
cis-1,2-Dichloroethene	0.0200	0.0179		mg/Kg		89	80 - 123
cis-1,3-Dichloropropene	0.0200	0.0174		mg/Kg		87	75 - 120
Cyclohexane	0.0200	0.0179		mg/Kg		90	65 - 132
Dichlorobromomethane	0.0200	0.0172		mg/Kg		86	77 - 124
Dichlorodifluoromethane	0.0200	0.0224		mg/Kg		112	45 - 129
Ethylbenzene	0.0200	0.0188		mg/Kg		94	80 - 120
Ethylene Dibromide	0.0200	0.0185		mg/Kg		93	79 - 120
Isopropylbenzene	0.0200	0.0189		mg/Kg		95	74 - 120
Methyl acetate	0.0400	0.0336		mg/Kg		84	57 - 120
Methyl tert-butyl ether	0.0200	0.0171		mg/Kg		85	74 - 125
Methylcyclohexane	0.0200	0.0178		mg/Kg		89	66 - 125
Methylene Chloride	0.0200	0.0202		mg/Kg		101	78 - 120
m-Xylene & p-Xylene	0.0200	0.0188		mg/Kg		94	80 - 120
n-Butylbenzene	0.0200	0.0182		mg/Kg		91	72 - 120
N-Propylbenzene	0.0200	0.0181		mg/Kg		91	68 - 120
o-Xylene	0.0200	0.0192		mg/Kg		96	80 - 120
sec-Butylbenzene	0.0200	0.0188		mg/Kg		94	78 - 120

Method: 8260D - Volatile Organic Compounds by GC/MS (Continued)

Lab Sample ID: LCS 460-1066310/3
Matrix: Solid
Analysis Batch: 1066310

Client Sample ID: Lab Control Sample
Prep Type: Total/NA

Analyte			Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits		
Styrene			0.0200	0.0191		mg/Kg		95	80 - 120		
tert-Butylbenzene			0.0200	0.0187		mg/Kg		93	80 - 120		
Tetrachloroethene			0.0200	0.0171		mg/Kg		86	73 - 120		
Toluene			0.0200	0.0183		mg/Kg		92	80 - 120		
trans-1,2-Dichloroethene			0.0200	0.0177		mg/Kg		89	78 - 120		
trans-1,3-Dichloropropene			0.0200	0.0167		mg/Kg		83	77 - 120		
Trichloroethene			0.0200	0.0170		mg/Kg		85	80 - 120		
Trichlorofluoromethane			0.0200	0.0171		mg/Kg		85	61 - 130		
Vinyl chloride			0.0200	0.0189		mg/Kg		95	54 - 122		
Xylenes, Total			0.0400	0.0381		mg/Kg		95	80 - 120		

Surrogate	*LCS %Recovery*	*LCS Qualifier*	*Limits*
1,2-Dichloroethane-d4 (Surr)	*89*		*65 - 138*
4-Bromofluorobenzene	*96*		*71 - 128*
Dibromofluoromethane (Surr)	*91*		*50 - 150*
Toluene-d8 (Surr)	*100*		*71 - 126*

Lab Sample ID: LCSD 460-1066310/4
Matrix: Solid
Analysis Batch: 1066310

Client Sample ID: Lab Control Sample Dup
Prep Type: Total/NA

Analyte			Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
1,1,1-Trichloroethane			0.0200	0.0189		mg/Kg		94	78 - 120	14	30
1,1,2,2-Tetrachloroethane			0.0200	0.0199		mg/Kg		99	70 - 133	4	30
1,1,2-Trichloro-1,2,2-trifluoroethane			0.0200	0.0208		mg/Kg		104	75 - 121	20	30
1,1,2-Trichloroethane			0.0200	0.0200		mg/Kg		100	80 - 120	4	30
1,1-Dichloroethane			0.0200	0.0200		mg/Kg		100	72 - 120	10	30
1,1-Dichloroethene			0.0200	0.0213		mg/Kg		106	76 - 120	17	30
1,2,3-Trichlorobenzene			0.0200	0.0190		mg/Kg		95	77 - 137	6	30
1,2,4-Trichlorobenzene			0.0200	0.0185		mg/Kg		93	77 - 136	11	30
1,2,4-Trimethylbenzene			0.0200	0.0204		mg/Kg		102	75 - 120	9	30
1,2-Dibromo-3-Chloropropane			0.0200	0.0183		mg/Kg		91	80 - 124	2	30
1,2-Dichlorobenzene			0.0200	0.0201		mg/Kg		101	80 - 120	6	30
1,2-Dichloroethane			0.0200	0.0177		mg/Kg		88	70 - 123	6	30
1,2-Dichloropropane			0.0200	0.0196		mg/Kg		98	73 - 124	7	30
1,3,5-Trimethylbenzene			0.0200	0.0203		mg/Kg		101	70 - 120	9	30
1,3-Dichlorobenzene			0.0200	0.0208		mg/Kg		104	80 - 120	8	30
1,4-Dichlorobenzene			0.0200	0.0198		mg/Kg		99	80 - 120	7	30
2-Butanone (MEK)			0.100	0.103		mg/Kg		103	64 - 128	4	30
2-Hexanone			0.100	0.0998		mg/Kg		100	75 - 120	3	30
4-Methyl-2-pentanone (MIBK)			0.100	0.100		mg/Kg		100	80 - 120	3	30
Acetone			0.100	0.0989		mg/Kg		99	58 - 122	2	30
Benzene			0.0200	0.0205		mg/Kg		102	75 - 120	9	30
Bromoform			0.0200	0.0185		mg/Kg		92	61 - 125	1	30
Bromomethane			0.0200	0.0148		mg/Kg		74	37 - 150	5	30
Carbon disulfide			0.0200	0.0201		mg/Kg		101	57 - 133	13	30
Carbon tetrachloride			0.0200	0.0184		mg/Kg		92	66 - 127	16	30
Chlorobenzene			0.0200	0.0201		mg/Kg		100	80 - 120	7	30

Method: 8260D - Volatile Organic Compounds by GC/MS (Continued)

Lab Sample ID: LCSD 460-1066310/4
Matrix: Solid
Analysis Batch: 1066310

Client Sample ID: Lab Control Sample Dup
Prep Type: Total/NA

Analyte			Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Chlorobromomethane			0.0200	0.0201		mg/Kg		100	76 - 127	4	30
Chlorodibromomethane			0.0200	0.0185		mg/Kg		92	72 - 120	4	30
Chloroethane			0.0200	0.0162		mg/Kg		81	60 - 123	0	30
Chloroform			0.0200	0.0194		mg/Kg		97	79 - 126	8	30
Chloromethane			0.0200	0.0238		mg/Kg		119	46 - 122	14	30
cis-1,2-Dichloroethene			0.0200	0.0196		mg/Kg		98	80 - 123	9	30
cis-1,3-Dichloropropene			0.0200	0.0185		mg/Kg		92	75 - 120	6	30
Cyclohexane			0.0200	0.0215		mg/Kg		107	65 - 132	18	30
Dichlorobromomethane			0.0200	0.0184		mg/Kg		92	77 - 124	6	30
Dichlorodifluoromethane			0.0200	0.0284	*	mg/Kg		142	45 - 129	24	30
Ethylbenzene			0.0200	0.0207		mg/Kg		104	80 - 120	10	30
Ethylene Dibromide			0.0200	0.0194		mg/Kg		97	79 - 120	5	30
Isopropylbenzene			0.0200	0.0210		mg/Kg		105	74 - 120	10	30
Methyl acetate			0.0400	0.0341		mg/Kg		85	57 - 120	2	30
Methyl tert-butyl ether			0.0200	0.0180		mg/Kg		90	74 - 125	5	30
Methylcyclohexane			0.0200	0.0216		mg/Kg		108	66 - 125	19	30
Methylene Chloride			0.0200	0.0213		mg/Kg		106	78 - 120	5	30
m-Xylene & p-Xylene			0.0200	0.0206		mg/Kg		103	80 - 120	9	30
n-Butylbenzene			0.0200	0.0208		mg/Kg		104	72 - 120	13	30
N-Propylbenzene			0.0200	0.0208		mg/Kg		104	68 - 120	14	30
o-Xylene			0.0200	0.0209		mg/Kg		105	80 - 120	8	30
sec-Butylbenzene			0.0200	0.0213		mg/Kg		107	78 - 120	13	30
Styrene			0.0200	0.0206		mg/Kg		103	80 - 120	8	30
tert-Butylbenzene			0.0200	0.0210		mg/Kg		105	80 - 120	12	30
Tetrachloroethene			0.0200	0.0197		mg/Kg		99	73 - 120	14	30
Toluene			0.0200	0.0199		mg/Kg		100	80 - 120	9	30
trans-1,2-Dichloroethene			0.0200	0.0201		mg/Kg		100	78 - 120	12	30
trans-1,3-Dichloropropene			0.0200	0.0177		mg/Kg		88	77 - 120	6	30
Trichloroethene			0.0200	0.0193		mg/Kg		96	80 - 120	12	30
Trichlorofluoromethane			0.0200	0.0210		mg/Kg		105	61 - 130	21	30
Vinyl chloride			0.0200	0.0230		mg/Kg		115	54 - 122	19	30
Xylenes, Total			0.0400	0.0415		mg/Kg		104	80 - 120	9	30

Surrogate	*LCSD %Recovery*	*LCSD Qualifier*	*Limits*
1,2-Dichloroethane-d4 (Surr)	*90*		*65 - 138*
4-Bromofluorobenzene	*95*		*71 - 128*
Dibromofluoromethane (Surr)	*93*		*50 - 150*
Toluene-d8 (Surr)	*100*		*71 - 126*

Lab Sample ID: MB 460-1066311/7
Matrix: Solid
Analysis Batch: 1066311

Client Sample ID: Method Blank
Prep Type: Total/NA

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1-Trichloroethane	0.0010	U	0.0010	0.00023	mg/Kg			10/07/25 21:35	1
1,1,2,2-Tetrachloroethane	0.0010	U	0.0010	0.00052	mg/Kg			10/07/25 21:35	1
1,1,2-Trichloro-1,2,2-trifluoroethane	0.0010	U	0.0010	0.00030	mg/Kg			10/07/25 21:35	1
1,1,2-Trichloroethane	0.0010	U	0.0010	0.00060	mg/Kg			10/07/25 21:35	1

Method: 8260D - Volatile Organic Compounds by GC/MS (Continued)

Lab Sample ID: MB 460-1066311/7
Matrix: Solid
Analysis Batch: 1066311

Client Sample ID: Method Blank
Prep Type: Total/NA

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1-Dichloroethane	0.0010	U	0.0010	0.00060	mg/Kg			10/07/25 21:35	1
1,1-Dichloroethene	0.0010	U	0.0010	0.00023	mg/Kg			10/07/25 21:35	1
1,2,3-Trichlorobenzene	0.0010	U	0.0010	0.00074	mg/Kg			10/07/25 21:35	1
1,2,4-Trichlorobenzene	0.0010	U	0.0010	0.00036	mg/Kg			10/07/25 21:35	1
1,2,4-Trimethylbenzene	0.0010	U	0.0010	0.00025	mg/Kg			10/07/25 21:35	1
1,2-Dibromo-3-Chloropropane	0.0010	U	0.0010	0.00046	mg/Kg			10/07/25 21:35	1
1,2-Dichlorobenzene	0.0010	U	0.0010	0.00036	mg/Kg			10/07/25 21:35	1
1,2-Dichloroethane	0.0010	U	0.0010	0.00030	mg/Kg			10/07/25 21:35	1
1,2-Dichloropropane	0.0010	U	0.0010	0.00042	mg/Kg			10/07/25 21:35	1
1,3,5-Trimethylbenzene	0.0010	U	0.0010	0.00031	mg/Kg			10/07/25 21:35	1
1,3-Dichlorobenzene	0.0010	U	0.0010	0.00037	mg/Kg			10/07/25 21:35	1
1,4-Dichlorobenzene	0.0010	U	0.0010	0.00052	mg/Kg			10/07/25 21:35	1
2-Butanone (MEK)	0.0050	U	0.0050	0.00037	mg/Kg			10/07/25 21:35	1
2-Hexanone	0.0050	U	0.0050	0.0017	mg/Kg			10/07/25 21:35	1
4-Methyl-2-pentanone (MIBK)	0.0050	U	0.0050	0.0016	mg/Kg			10/07/25 21:35	1
Acetone	0.0060	U	0.0060	0.0057	mg/Kg			10/07/25 21:35	1
Benzene	0.0010	U	0.0010	0.00057	mg/Kg			10/07/25 21:35	1
Bromoform	0.0010	U	0.0010	0.00043	mg/Kg			10/07/25 21:35	1
Bromomethane	0.0020	U	0.0020	0.0010	mg/Kg			10/07/25 21:35	1
Carbon disulfide	0.0010	U	0.0010	0.00027	mg/Kg			10/07/25 21:35	1
Carbon tetrachloride	0.0010	U	0.0010	0.00039	mg/Kg			10/07/25 21:35	1
Chlorobenzene	0.0010	U	0.0010	0.00051	mg/Kg			10/07/25 21:35	1
Chlorobromomethane	0.0010	U	0.0010	0.00060	mg/Kg			10/07/25 21:35	1
Chlorodibromomethane	0.0010	U	0.0010	0.00054	mg/Kg			10/07/25 21:35	1
Chloroethane	0.0010	U	0.0010	0.00052	mg/Kg			10/07/25 21:35	1
Chloroform	0.0010	U	0.0010	0.00097	mg/Kg			10/07/25 21:35	1
Chloromethane	0.0010	U	0.0010	0.00044	mg/Kg			10/07/25 21:35	1
cis-1,2-Dichloroethene	0.0010	U	0.0010	0.00036	mg/Kg			10/07/25 21:35	1
cis-1,3-Dichloropropene	0.0010	U	0.0010	0.00027	mg/Kg			10/07/25 21:35	1
Cyclohexane	0.0010	U	0.0010	0.00022	mg/Kg			10/07/25 21:35	1
Dichlorobromomethane	0.0010	U	0.0010	0.00026	mg/Kg			10/07/25 21:35	1
Dichlorodifluoromethane	0.0010	U	0.0010	0.00034	mg/Kg			10/07/25 21:35	1
Ethylbenzene	0.0010	U	0.0010	0.00047	mg/Kg			10/07/25 21:35	1
Ethylene Dibromide	0.0010	U	0.0010	0.00050	mg/Kg			10/07/25 21:35	1
Isopropylbenzene	0.0010	U	0.0010	0.00029	mg/Kg			10/07/25 21:35	1
Methyl acetate	0.0050	U	0.0050	0.0043	mg/Kg			10/07/25 21:35	1
Methyl tert-butyl ether	0.0010	U	0.0010	0.00051	mg/Kg			10/07/25 21:35	1
Methylcyclohexane	0.0010	U	0.0010	0.00050	mg/Kg			10/07/25 21:35	1
Methylene Chloride	0.0020	U	0.0020	0.0011	mg/Kg			10/07/25 21:35	1
m-Xylene & p-Xylene	0.0010	U	0.0010	0.00042	mg/Kg			10/07/25 21:35	1
n-Butylbenzene	0.0010	U	0.0010	0.00029	mg/Kg			10/07/25 21:35	1
N-Propylbenzene	0.0010	U	0.0010	0.00045	mg/Kg			10/07/25 21:35	1
o-Xylene	0.0010	U	0.0010	0.00046	mg/Kg			10/07/25 21:35	1
sec-Butylbenzene	0.0010	U	0.0010	0.00029	mg/Kg			10/07/25 21:35	1
Styrene	0.0010	U	0.0010	0.00028	mg/Kg			10/07/25 21:35	1
tert-Butylbenzene	0.0010	U	0.0010	0.00028	mg/Kg			10/07/25 21:35	1
Tetrachloroethene	0.0010	U	0.0010	0.00031	mg/Kg			10/07/25 21:35	1
Toluene	0.0010	U	0.0010	0.00023	mg/Kg			10/07/25 21:35	1
trans-1,2-Dichloroethene	0.0010	U	0.0010	0.00025	mg/Kg			10/07/25 21:35	1

Method: 8260D - Volatile Organic Compounds by GC/MS (Continued)

Lab Sample ID: MB 460-1066311/7
Matrix: Solid
Analysis Batch: 1066311

Client Sample ID: Method Blank
Prep Type: Total/NA

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
trans-1,3-Dichloropropene	0.0010	U	0.0010	0.00027	mg/Kg			10/07/25 21:35	1
Trichloroethene	0.0010	U	0.0010	0.00032	mg/Kg			10/07/25 21:35	1
Trichlorofluoromethane	0.0010	U	0.0010	0.00041	mg/Kg			10/07/25 21:35	1
Vinyl chloride	0.0010	U	0.0010	0.00055	mg/Kg			10/07/25 21:35	1
Xylenes, Total	0.0020	U	0.0020	0.00017	mg/Kg			10/07/25 21:35	1

Surrogate	*MB %Recovery*	*MB Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,2-Dichloroethane-d4 (Surr)	*96*		*65 - 138*		*10/07/25 21:35*	*1*
4-Bromofluorobenzene	*93*		*71 - 128*		*10/07/25 21:35*	*1*
Dibromofluoromethane (Surr)	*98*		*50 - 150*		*10/07/25 21:35*	*1*
Toluene-d8 (Surr)	*101*		*71 - 126*		*10/07/25 21:35*	*1*

Lab Sample ID: LCS 460-1066311/3
Matrix: Solid
Analysis Batch: 1066311

Client Sample ID: Lab Control Sample
Prep Type: Total/NA

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
1,1,1-Trichloroethane	0.0200	0.0157		mg/Kg		79	78 - 120
1,1,2,2-Tetrachloroethane	0.0200	0.0179		mg/Kg		89	70 - 133
1,1,2-Trichloro-1,2,2-trifluoroethane	0.0200	0.0163		mg/Kg		81	75 - 121
1,1,2-Trichloroethane	0.0200	0.0193		mg/Kg		96	80 - 120
1,1-Dichloroethane	0.0200	0.0178		mg/Kg		89	72 - 120
1,1-Dichloroethene	0.0200	0.0174		mg/Kg		87	76 - 120
1,2,3-Trichlorobenzene	0.0200	0.0173		mg/Kg		86	77 - 137
1,2,4-Trichlorobenzene	0.0200	0.0164		mg/Kg		82	77 - 136
1,2,4-Trimethylbenzene	0.0200	0.0181		mg/Kg		91	75 - 120
1,2-Dibromo-3-Chloropropane	0.0200	0.0184		mg/Kg		92	80 - 124
1,2-Dichlorobenzene	0.0200	0.0186		mg/Kg		93	80 - 120
1,2-Dichloroethane	0.0200	0.0162		mg/Kg		81	70 - 123
1,2-Dichloropropane	0.0200	0.0181		mg/Kg		91	73 - 124
1,3,5-Trimethylbenzene	0.0200	0.0178		mg/Kg		89	70 - 120
1,3-Dichlorobenzene	0.0200	0.0189		mg/Kg		95	80 - 120
1,4-Dichlorobenzene	0.0200	0.0180		mg/Kg		90	80 - 120
2-Butanone (MEK)	0.100	0.102		mg/Kg		102	64 - 128
2-Hexanone	0.100	0.101		mg/Kg		101	75 - 120
4-Methyl-2-pentanone (MIBK)	0.100	0.104		mg/Kg		104	80 - 120
Acetone	0.100	0.0981		mg/Kg		98	58 - 122
Benzene	0.0200	0.0184		mg/Kg		92	75 - 120
Bromoform	0.0200	0.0180		mg/Kg		90	61 - 125
Bromomethane	0.0200	0.0385	*	mg/Kg		192	37 - 150
Carbon disulfide	0.0200	0.0169		mg/Kg		85	57 - 133
Carbon tetrachloride	0.0200	0.0150		mg/Kg		75	66 - 127
Chlorobenzene	0.0200	0.0184		mg/Kg		92	80 - 120
Chlorobromomethane	0.0200	0.0194		mg/Kg		97	76 - 127
Chlorodibromomethane	0.0200	0.0179		mg/Kg		90	72 - 120
Chloroethane	0.0200	0.0227		mg/Kg		113	60 - 123
Chloroform	0.0200	0.0176		mg/Kg		88	79 - 126
Chloromethane	0.0200	0.0207		mg/Kg		104	46 - 122

Method: 8260D - Volatile Organic Compounds by GC/MS (Continued)

Lab Sample ID: LCS 460-1066311/3
Matrix: Solid
Analysis Batch: 1066311

Client Sample ID: Lab Control Sample
Prep Type: Total/NA

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
cis-1,2-Dichloroethene	0.0200	0.0176		mg/Kg		88	80 - 123
cis-1,3-Dichloropropene	0.0200	0.0169		mg/Kg		84	75 - 120
Cyclohexane	0.0200	0.0167		mg/Kg		84	65 - 132
Dichlorobromomethane	0.0200	0.0168		mg/Kg		84	77 - 124
Dichlorodifluoromethane	0.0200	0.0236		mg/Kg		118	45 - 129
Ethylbenzene	0.0200	0.0181		mg/Kg		90	80 - 120
Ethylene Dibromide	0.0200	0.0187		mg/Kg		94	79 - 120
Isopropylbenzene	0.0200	0.0180		mg/Kg		90	74 - 120
Methyl acetate	0.0400	0.0336		mg/Kg		84	57 - 120
Methyl tert-butyl ether	0.0200	0.0173		mg/Kg		86	74 - 125
Methylcyclohexane	0.0200	0.0167		mg/Kg		83	66 - 125
Methylene Chloride	0.0200	0.0199		mg/Kg		100	78 - 120
m-Xylene & p-Xylene	0.0200	0.0183		mg/Kg		91	80 - 120
n-Butylbenzene	0.0200	0.0171		mg/Kg		85	72 - 120
N-Propylbenzene	0.0200	0.0174		mg/Kg		87	68 - 120
o-Xylene	0.0200	0.0187		mg/Kg		94	80 - 120
sec-Butylbenzene	0.0200	0.0177		mg/Kg		88	78 - 120
Styrene	0.0200	0.0190		mg/Kg		95	80 - 120
tert-Butylbenzene	0.0200	0.0179		mg/Kg		89	80 - 120
Tetrachloroethene	0.0200	0.0162		mg/Kg		81	73 - 120
Toluene	0.0200	0.0179		mg/Kg		89	80 - 120
trans-1,2-Dichloroethene	0.0200	0.0173		mg/Kg		87	78 - 120
trans-1,3-Dichloropropene	0.0200	0.0160		mg/Kg		80	77 - 120
Trichloroethene	0.0200	0.0176		mg/Kg		88	80 - 120
Trichlorofluoromethane	0.0200	0.0180		mg/Kg		90	61 - 130
Vinyl chloride	0.0200	0.0190		mg/Kg		95	54 - 122
Xylenes, Total	0.0400	0.0370		mg/Kg		93	80 - 120

Surrogate	*LCS %Recovery*	*LCS Qualifier*	*Limits*
1,2-Dichloroethane-d4 (Surr)	*88*		*65 - 138*
4-Bromofluorobenzene	*95*		*71 - 128*
Dibromofluoromethane (Surr)	*91*		*50 - 150*
Toluene-d8 (Surr)	*100*		*71 - 126*

Lab Sample ID: LCSD 460-1066311/4
Matrix: Solid
Analysis Batch: 1066311

Client Sample ID: Lab Control Sample Dup
Prep Type: Total/NA

Analyte	Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
1,1,1-Trichloroethane	0.0200	0.0173		mg/Kg		86	78 - 120	10	30
1,1,2,2-Tetrachloroethane	0.0200	0.0201		mg/Kg		101	70 - 133	12	30
1,1,2-Trichloro-1,2,2-trifluoroethane	0.0200	0.0182		mg/Kg		91	75 - 121	11	30
1,1,2-Trichloroethane	0.0200	0.0200		mg/Kg		100	80 - 120	4	30
1,1-Dichloroethane	0.0200	0.0187		mg/Kg		94	72 - 120	5	30
1,1-Dichloroethene	0.0200	0.0193		mg/Kg		96	76 - 120	10	30
1,2,3-Trichlorobenzene	0.0200	0.0179		mg/Kg		90	77 - 137	4	30
1,2,4-Trichlorobenzene	0.0200	0.0165		mg/Kg		82	77 - 136	1	30
1,2,4-Trimethylbenzene	0.0200	0.0191		mg/Kg		96	75 - 120	5	30

Method: 8260D - Volatile Organic Compounds by GC/MS (Continued)

Lab Sample ID: LCSD 460-1066311/4
Matrix: Solid
Analysis Batch: 1066311

Client Sample ID: Lab Control Sample Dup
Prep Type: Total/NA

Analyte	Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
1,2-Dibromo-3-Chloropropane	0.0200	0.0189		mg/Kg		95	80 - 124	3	30
1,2-Dichlorobenzene	0.0200	0.0194		mg/Kg		97	80 - 120	4	30
1,2-Dichloroethane	0.0200	0.0169		mg/Kg		84	70 - 123	4	30
1,2-Dichloropropane	0.0200	0.0188		mg/Kg		94	73 - 124	4	30
1,3,5-Trimethylbenzene	0.0200	0.0192		mg/Kg		96	70 - 120	7	30
1,3-Dichlorobenzene	0.0200	0.0194		mg/Kg		97	80 - 120	2	30
1,4-Dichlorobenzene	0.0200	0.0187		mg/Kg		94	80 - 120	4	30
2-Butanone (MEK)	0.100	0.105		mg/Kg		105	64 - 128	3	30
2-Hexanone	0.100	0.102		mg/Kg		102	75 - 120	1	30
4-Methyl-2-pentanone (MIBK)	0.100	0.104		mg/Kg		104	80 - 120	1	30
Acetone	0.100	0.0985		mg/Kg		98	58 - 122	0	30
Benzene	0.0200	0.0194		mg/Kg		97	75 - 120	5	30
Bromoform	0.0200	0.0190		mg/Kg		95	61 - 125	5	30
Bromomethane	0.0200	0.0398	*	mg/Kg		199	37 - 150	4	30
Carbon disulfide	0.0200	0.0183		mg/Kg		92	57 - 133	8	30
Carbon tetrachloride	0.0200	0.0168		mg/Kg		84	66 - 127	11	30
Chlorobenzene	0.0200	0.0193		mg/Kg		96	80 - 120	4	30
Chlorobromomethane	0.0200	0.0202		mg/Kg		101	76 - 127	4	30
Chlorodibromomethane	0.0200	0.0187		mg/Kg		94	72 - 120	4	30
Chloroethane	0.0200	0.0230		mg/Kg		115	60 - 123	2	30
Chloroform	0.0200	0.0184		mg/Kg		92	79 - 126	5	30
Chloromethane	0.0200	0.0212		mg/Kg		106	46 - 122	3	30
cis-1,2-Dichloroethene	0.0200	0.0183		mg/Kg		92	80 - 123	4	30
cis-1,3-Dichloropropene	0.0200	0.0173		mg/Kg		86	75 - 120	2	30
Cyclohexane	0.0200	0.0191		mg/Kg		96	65 - 132	13	30
Dichlorobromomethane	0.0200	0.0179		mg/Kg		89	77 - 124	6	30
Dichlorodifluoromethane	0.0200	0.0243		mg/Kg		121	45 - 129	3	30
Ethylbenzene	0.0200	0.0194		mg/Kg		97	80 - 120	7	30
Ethylene Dibromide	0.0200	0.0192		mg/Kg		96	79 - 120	3	30
Isopropylbenzene	0.0200	0.0193		mg/Kg		96	74 - 120	7	30
Methyl acetate	0.0400	0.0340		mg/Kg		85	57 - 120	1	30
Methyl tert-butyl ether	0.0200	0.0179		mg/Kg		89	74 - 125	3	30
Methylcyclohexane	0.0200	0.0190		mg/Kg		95	66 - 125	13	30
Methylene Chloride	0.0200	0.0205		mg/Kg		103	78 - 120	3	30
m-Xylene & p-Xylene	0.0200	0.0192		mg/Kg		96	80 - 120	5	30
n-Butylbenzene	0.0200	0.0185		mg/Kg		92	72 - 120	8	30
N-Propylbenzene	0.0200	0.0188		mg/Kg		94	68 - 120	7	30
o-Xylene	0.0200	0.0198		mg/Kg		99	80 - 120	5	30
sec-Butylbenzene	0.0200	0.0194		mg/Kg		97	78 - 120	9	30
Styrene	0.0200	0.0197		mg/Kg		99	80 - 120	4	30
tert-Butylbenzene	0.0200	0.0194		mg/Kg		97	80 - 120	8	30
Tetrachloroethene	0.0200	0.0177		mg/Kg		88	73 - 120	9	30
Toluene	0.0200	0.0188		mg/Kg		94	80 - 120	5	30
trans-1,2-Dichloroethene	0.0200	0.0181		mg/Kg		90	78 - 120	4	30
trans-1,3-Dichloropropene	0.0200	0.0167		mg/Kg		84	77 - 120	5	30
Trichloroethene	0.0200	0.0178		mg/Kg		89	80 - 120	1	30
Trichlorofluoromethane	0.0200	0.0187		mg/Kg		93	61 - 130	4	30
Vinyl chloride	0.0200	0.0196		mg/Kg		98	54 - 122	3	30
Xylenes, Total	0.0400	0.0390		mg/Kg		97	80 - 120	5	30

Method: 8260D - Volatile Organic Compounds by GC/MS (Continued)

Surrogate	LCSD %Recovery	LCSD Qualifier	Limits
1,2-Dichloroethane-d4 (Surr)	*89*		*65 - 138*
4-Bromofluorobenzene	*96*		*71 - 128*
Dibromofluoromethane (Surr)	*93*		*50 - 150*
Toluene-d8 (Surr)	*99*		*71 - 126*

Lab Sample ID: MB 460-1066538/7
Matrix: Solid
Analysis Batch: 1066538

Client Sample ID: Method Blank
Prep Type: Total/NA

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1-Trichloroethane	0.0010	U	0.0010	0.00023	mg/Kg			10/08/25 10:37	1
1,1,2,2-Tetrachloroethane	0.0010	U	0.0010	0.00052	mg/Kg			10/08/25 10:37	1
1,1,2-Trichloro-1,2,2-trifluoroethane	0.0010	U	0.0010	0.00030	mg/Kg			10/08/25 10:37	1
1,1,2-Trichloroethane	0.0010	U	0.0010	0.00060	mg/Kg			10/08/25 10:37	1
1,1-Dichloroethane	0.0010	U	0.0010	0.00060	mg/Kg			10/08/25 10:37	1
1,1-Dichloroethene	0.0010	U	0.0010	0.00023	mg/Kg			10/08/25 10:37	1
1,2,3-Trichlorobenzene	0.0010	U	0.0010	0.00074	mg/Kg			10/08/25 10:37	1
1,2,4-Trichlorobenzene	0.0010	U	0.0010	0.00036	mg/Kg			10/08/25 10:37	1
1,2,4-Trimethylbenzene	0.0010	U	0.0010	0.00025	mg/Kg			10/08/25 10:37	1
1,2-Dibromo-3-Chloropropane	0.0010	U	0.0010	0.00046	mg/Kg			10/08/25 10:37	1
1,2-Dichlorobenzene	0.0010	U	0.0010	0.00036	mg/Kg			10/08/25 10:37	1
1,2-Dichloroethane	0.0010	U	0.0010	0.00030	mg/Kg			10/08/25 10:37	1
1,2-Dichloropropane	0.0010	U	0.0010	0.00042	mg/Kg			10/08/25 10:37	1
1,3,5-Trimethylbenzene	0.0010	U	0.0010	0.00031	mg/Kg			10/08/25 10:37	1
1,3-Dichlorobenzene	0.0010	U	0.0010	0.00037	mg/Kg			10/08/25 10:37	1
1,4-Dichlorobenzene	0.0010	U	0.0010	0.00052	mg/Kg			10/08/25 10:37	1
2-Butanone (MEK)	0.0050	U	0.0050	0.00037	mg/Kg			10/08/25 10:37	1
2-Hexanone	0.0050	U	0.0050	0.0017	mg/Kg			10/08/25 10:37	1
4-Methyl-2-pentanone (MIBK)	0.0050	U	0.0050	0.0016	mg/Kg			10/08/25 10:37	1
Acetone	0.0060	U	0.0060	0.0057	mg/Kg			10/08/25 10:37	1
Benzene	0.0010	U	0.0010	0.00057	mg/Kg			10/08/25 10:37	1
Bromoform	0.0010	U	0.0010	0.00043	mg/Kg			10/08/25 10:37	1
Bromomethane	0.0020	U	0.0020	0.0010	mg/Kg			10/08/25 10:37	1
Carbon disulfide	0.0010	U	0.0010	0.00027	mg/Kg			10/08/25 10:37	1
Carbon tetrachloride	0.0010	U	0.0010	0.00039	mg/Kg			10/08/25 10:37	1
Chlorobenzene	0.0010	U	0.0010	0.00051	mg/Kg			10/08/25 10:37	1
Chlorobromomethane	0.0010	U	0.0010	0.00060	mg/Kg			10/08/25 10:37	1
Chlorodibromomethane	0.0010	U	0.0010	0.00054	mg/Kg			10/08/25 10:37	1
Chloroethane	0.0010	U	0.0010	0.00052	mg/Kg			10/08/25 10:37	1
Chloroform	0.0010	U	0.0010	0.00097	mg/Kg			10/08/25 10:37	1
Chloromethane	0.0010	U	0.0010	0.00044	mg/Kg			10/08/25 10:37	1
cis-1,2-Dichloroethene	0.0010	U	0.0010	0.00036	mg/Kg			10/08/25 10:37	1
cis-1,3-Dichloropropene	0.0010	U	0.0010	0.00027	mg/Kg			10/08/25 10:37	1
Cyclohexane	0.0010	U	0.0010	0.00022	mg/Kg			10/08/25 10:37	1
Dichlorobromomethane	0.0010	U	0.0010	0.00026	mg/Kg			10/08/25 10:37	1
Dichlorodifluoromethane	0.0010	U	0.0010	0.00034	mg/Kg			10/08/25 10:37	1
Ethylbenzene	0.0010	U	0.0010	0.00047	mg/Kg			10/08/25 10:37	1
Ethylene Dibromide	0.0010	U	0.0010	0.00050	mg/Kg			10/08/25 10:37	1
Isopropylbenzene	0.0010	U	0.0010	0.00029	mg/Kg			10/08/25 10:37	1
Methyl acetate	0.0050	U	0.0050	0.0043	mg/Kg			10/08/25 10:37	1
Methyl tert-butyl ether	0.0010	U	0.0010	0.00051	mg/Kg			10/08/25 10:37	1

Method: 8260D - Volatile Organic Compounds by GC/MS (Continued)

Lab Sample ID: MB 460-1066538/7
Matrix: Solid
Analysis Batch: 1066538

Client Sample ID: Method Blank
Prep Type: Total/NA

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Methylcyclohexane	0.0010	U	0.0010	0.00050	mg/Kg			10/08/25 10:37	1
Methylene Chloride	0.0020	U	0.0020	0.0011	mg/Kg			10/08/25 10:37	1
m-Xylene & p-Xylene	0.0010	U	0.0010	0.00042	mg/Kg			10/08/25 10:37	1
n-Butylbenzene	0.0010	U	0.0010	0.00029	mg/Kg			10/08/25 10:37	1
N-Propylbenzene	0.0010	U	0.0010	0.00045	mg/Kg			10/08/25 10:37	1
o-Xylene	0.0010	U	0.0010	0.00046	mg/Kg			10/08/25 10:37	1
sec-Butylbenzene	0.0010	U	0.0010	0.00029	mg/Kg			10/08/25 10:37	1
Styrene	0.0010	U	0.0010	0.00028	mg/Kg			10/08/25 10:37	1
tert-Butylbenzene	0.0010	U	0.0010	0.00028	mg/Kg			10/08/25 10:37	1
Tetrachloroethene	0.0010	U	0.0010	0.00031	mg/Kg			10/08/25 10:37	1
Toluene	0.0010	U	0.0010	0.00023	mg/Kg			10/08/25 10:37	1
trans-1,2-Dichloroethene	0.0010	U	0.0010	0.00025	mg/Kg			10/08/25 10:37	1
trans-1,3-Dichloropropene	0.0010	U	0.0010	0.00027	mg/Kg			10/08/25 10:37	1
Trichloroethene	0.0010	U	0.0010	0.00032	mg/Kg			10/08/25 10:37	1
Trichlorofluoromethane	0.0010	U	0.0010	0.00041	mg/Kg			10/08/25 10:37	1
Vinyl chloride	0.0010	U	0.0010	0.00055	mg/Kg			10/08/25 10:37	1
Xylenes, Total	0.0020	U	0.0020	0.00017	mg/Kg			10/08/25 10:37	1

Surrogate	*MB %Recovery*	*MB Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,2-Dichloroethane-d4 (Surr)	*95*		*65 - 138*		*10/08/25 10:37*	*1*
4-Bromofluorobenzene	*92*		*71 - 128*		*10/08/25 10:37*	*1*
Dibromofluoromethane (Surr)	*98*		*50 - 150*		*10/08/25 10:37*	*1*
Toluene-d8 (Surr)	*100*		*71 - 126*		*10/08/25 10:37*	*1*

Lab Sample ID: LCS 460-1066538/2
Matrix: Solid
Analysis Batch: 1066538

Client Sample ID: Lab Control Sample
Prep Type: Total/NA

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
1,1,1-Trichloroethane	0.0200	0.0179		mg/Kg		90	78 - 120
1,1,2,2-Tetrachloroethane	0.0200	0.0208		mg/Kg		104	70 - 133
1,1,2-Trichloro-1,2,2-trifluoroethane	0.0200	0.0198		mg/Kg		99	75 - 121
1,1,2-Trichloroethane	0.0200	0.0203		mg/Kg		102	80 - 120
1,1-Dichloroethane	0.0200	0.0196		mg/Kg		98	72 - 120
1,1-Dichloroethene	0.0200	0.0203		mg/Kg		101	76 - 120
1,2,3-Trichlorobenzene	0.0200	0.0194		mg/Kg		97	77 - 137
1,2,4-Trichlorobenzene	0.0200	0.0186		mg/Kg		93	77 - 136
1,2,4-Trimethylbenzene	0.0200	0.0202		mg/Kg		101	75 - 120
1,2-Dibromo-3-Chloropropane	0.0200	0.0184		mg/Kg		92	80 - 124
1,2-Dichlorobenzene	0.0200	0.0204		mg/Kg		102	80 - 120
1,2-Dichloroethane	0.0200	0.0171		mg/Kg		86	70 - 123
1,2-Dichloropropane	0.0200	0.0192		mg/Kg		96	73 - 124
1,3,5-Trimethylbenzene	0.0200	0.0201		mg/Kg		101	70 - 120
1,3-Dichlorobenzene	0.0200	0.0209		mg/Kg		105	80 - 120
1,4-Dichlorobenzene	0.0200	0.0202		mg/Kg		101	80 - 120
2-Butanone (MEK)	0.100	0.107		mg/Kg		107	64 - 128
2-Hexanone	0.100	0.103		mg/Kg		103	75 - 120
4-Methyl-2-pentanone (MIBK)	0.100	0.104		mg/Kg		104	80 - 120

Method: 8260D - Volatile Organic Compounds by GC/MS (Continued)

Lab Sample ID: LCS 460-1066538/2
Matrix: Solid
Analysis Batch: 1066538

Client Sample ID: Lab Control Sample
Prep Type: Total/NA

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
Acetone	0.100	0.100		mg/Kg		100	58 - 122
Benzene	0.0200	0.0202		mg/Kg		101	75 - 120
Bromoform	0.0200	0.0190		mg/Kg		95	61 - 125
Bromomethane	0.0200	0.0163		mg/Kg		82	37 - 150
Carbon disulfide	0.0200	0.0192		mg/Kg		96	57 - 133
Carbon tetrachloride	0.0200	0.0176		mg/Kg		88	66 - 127
Chlorobenzene	0.0200	0.0204		mg/Kg		102	80 - 120
Chlorobromomethane	0.0200	0.0207		mg/Kg		103	76 - 127
Chlorodibromomethane	0.0200	0.0191		mg/Kg		95	72 - 120
Chloroethane	0.0200	0.0196		mg/Kg		98	60 - 123
Chloroform	0.0200	0.0188		mg/Kg		94	79 - 126
Chloromethane	0.0200	0.0224		mg/Kg		112	46 - 122
cis-1,2-Dichloroethene	0.0200	0.0190		mg/Kg		95	80 - 123
cis-1,3-Dichloropropene	0.0200	0.0186		mg/Kg		93	75 - 120
Cyclohexane	0.0200	0.0203		mg/Kg		101	65 - 132
Dichlorobromomethane	0.0200	0.0182		mg/Kg		91	77 - 124
Dichlorodifluoromethane	0.0200	0.0264	*	mg/Kg		132	45 - 129
Ethylbenzene	0.0200	0.0205		mg/Kg		102	80 - 120
Ethylene Dibromide	0.0200	0.0200		mg/Kg		100	79 - 120
Isopropylbenzene	0.0200	0.0206		mg/Kg		103	74 - 120
Methyl acetate	0.0400	0.0337		mg/Kg		84	57 - 120
Methyl tert-butyl ether	0.0200	0.0181		mg/Kg		90	74 - 125
Methylcyclohexane	0.0200	0.0201		mg/Kg		101	66 - 125
Methylene Chloride	0.0200	0.0213		mg/Kg		106	78 - 120
m-Xylene & p-Xylene	0.0200	0.0207		mg/Kg		104	80 - 120
n-Butylbenzene	0.0200	0.0206		mg/Kg		103	72 - 120
N-Propylbenzene	0.0200	0.0201		mg/Kg		100	68 - 120
o-Xylene	0.0200	0.0210		mg/Kg		105	80 - 120
sec-Butylbenzene	0.0200	0.0210		mg/Kg		105	78 - 120
Styrene	0.0200	0.0207		mg/Kg		104	80 - 120
tert-Butylbenzene	0.0200	0.0206		mg/Kg		103	80 - 120
Tetrachloroethene	0.0200	0.0189		mg/Kg		95	73 - 120
Toluene	0.0200	0.0198		mg/Kg		99	80 - 120
trans-1,2-Dichloroethene	0.0200	0.0191		mg/Kg		96	78 - 120
trans-1,3-Dichloropropene	0.0200	0.0177		mg/Kg		89	77 - 120
Trichloroethene	0.0200	0.0185		mg/Kg		93	80 - 120
Trichlorofluoromethane	0.0200	0.0199		mg/Kg		100	61 - 130
Vinyl chloride	0.0200	0.0214		mg/Kg		107	54 - 122
Xylenes, Total	0.0400	0.0417		mg/Kg		104	80 - 120

Surrogate	*LCS %Recovery*	*LCS Qualifier*	*Limits*
1,2-Dichloroethane-d4 (Surr)	*87*		*65 - 138*
4-Bromofluorobenzene	*95*		*71 - 128*
Dibromofluoromethane (Surr)	*92*		*50 - 150*
Toluene-d8 (Surr)	*99*		*71 - 126*

Method: 8260D - Volatile Organic Compounds by GC/MS (Continued)

Lab Sample ID: LCSD 460-1066538/4
Matrix: Solid
Analysis Batch: 1066538

Client Sample ID: Lab Control Sample Dup
Prep Type: Total/NA

Analyte			Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
1,1,1-Trichloroethane			0.0200	0.0180		mg/Kg		90	78 - 120	0	30
1,1,2,2-Tetrachloroethane			0.0200	0.0208		mg/Kg		104	70 - 133	0	30
1,1,2-Trichloro-1,2,2-trifluoroethane			0.0200	0.0195		mg/Kg		97	75 - 121	2	30
1,1,2-Trichloroethane			0.0200	0.0207		mg/Kg		103	80 - 120	2	30
1,1-Dichloroethane			0.0200	0.0195		mg/Kg		97	72 - 120	0	30
1,1-Dichloroethene			0.0200	0.0206		mg/Kg		103	76 - 120	1	30
1,2,3-Trichlorobenzene			0.0200	0.0190		mg/Kg		95	77 - 137	2	30
1,2,4-Trichlorobenzene			0.0200	0.0180		mg/Kg		90	77 - 136	4	30
1,2,4-Trimethylbenzene			0.0200	0.0199		mg/Kg		100	75 - 120	2	30
1,2-Dibromo-3-Chloropropane			0.0200	0.0189		mg/Kg		95	80 - 124	3	30
1,2-Dichlorobenzene			0.0200	0.0201		mg/Kg		101	80 - 120	2	30
1,2-Dichloroethane			0.0200	0.0177		mg/Kg		89	70 - 123	3	30
1,2-Dichloropropane			0.0200	0.0197		mg/Kg		98	73 - 124	2	30
1,3,5-Trimethylbenzene			0.0200	0.0198		mg/Kg		99	70 - 120	1	30
1,3-Dichlorobenzene			0.0200	0.0205		mg/Kg		103	80 - 120	2	30
1,4-Dichlorobenzene			0.0200	0.0199		mg/Kg		99	80 - 120	2	30
2-Butanone (MEK)			0.100	0.110		mg/Kg		110	64 - 128	2	30
2-Hexanone			0.100	0.105		mg/Kg		105	75 - 120	3	30
4-Methyl-2-pentanone (MIBK)			0.100	0.106		mg/Kg		106	80 - 120	2	30
Acetone			0.100	0.104		mg/Kg		104	58 - 122	3	30
Benzene			0.0200	0.0199		mg/Kg		99	75 - 120	2	30
Bromoform			0.0200	0.0196		mg/Kg		98	61 - 125	3	30
Bromomethane			0.0200	0.0148		mg/Kg		74	37 - 150	9	30
Carbon disulfide			0.0200	0.0191		mg/Kg		95	57 - 133	1	30
Carbon tetrachloride			0.0200	0.0174		mg/Kg		87	66 - 127	1	30
Chlorobenzene			0.0200	0.0201		mg/Kg		101	80 - 120	1	30
Chlorobromomethane			0.0200	0.0208		mg/Kg		104	76 - 127	0	30
Chlorodibromomethane			0.0200	0.0191		mg/Kg		96	72 - 120	0	30
Chloroethane			0.0200	0.0144	*	mg/Kg		72	60 - 123	31	30
Chloroform			0.0200	0.0190		mg/Kg		95	79 - 126	1	30
Chloromethane			0.0200	0.0215		mg/Kg		107	46 - 122	4	30
cis-1,2-Dichloroethene			0.0200	0.0195		mg/Kg		98	80 - 123	3	30
cis-1,3-Dichloropropene			0.0200	0.0190		mg/Kg		95	75 - 120	2	30
Cyclohexane			0.0200	0.0198		mg/Kg		99	65 - 132	2	30
Dichlorobromomethane			0.0200	0.0184		mg/Kg		92	77 - 124	1	30
Dichlorodifluoromethane			0.0200	0.0239		mg/Kg		119	45 - 129	10	30
Ethylbenzene			0.0200	0.0201		mg/Kg		100	80 - 120	2	30
Ethylene Dibromide			0.0200	0.0203		mg/Kg		101	79 - 120	1	30
Isopropylbenzene			0.0200	0.0203		mg/Kg		101	74 - 120	2	30
Methyl acetate			0.0400	0.0351		mg/Kg		88	57 - 120	4	30
Methyl tert-butyl ether			0.0200	0.0190		mg/Kg		95	74 - 125	5	30
Methylcyclohexane			0.0200	0.0204		mg/Kg		102	66 - 125	1	30
Methylene Chloride			0.0200	0.0217		mg/Kg		108	78 - 120	2	30
m-Xylene & p-Xylene			0.0200	0.0201		mg/Kg		101	80 - 120	3	30
n-Butylbenzene			0.0200	0.0194		mg/Kg		97	72 - 120	6	30
N-Propylbenzene			0.0200	0.0199		mg/Kg		100	68 - 120	1	30
o-Xylene			0.0200	0.0209		mg/Kg		104	80 - 120	0	30
sec-Butylbenzene			0.0200	0.0200		mg/Kg		100	78 - 120	5	30

Method: 8260D - Volatile Organic Compounds by GC/MS (Continued)

Lab Sample ID: LCSD 460-1066538/4
Matrix: Solid
Analysis Batch: 1066538

Client Sample ID: Lab Control Sample Dup
Prep Type: Total/NA

Analyte			Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Styrene			0.0200	0.0206		mg/Kg		103	80 - 120	1	30
tert-Butylbenzene			0.0200	0.0200		mg/Kg		100	80 - 120	3	30
Tetrachloroethene			0.0200	0.0185		mg/Kg		93	73 - 120	2	30
Toluene			0.0200	0.0195		mg/Kg		97	80 - 120	1	30
trans-1,2-Dichloroethene			0.0200	0.0195		mg/Kg		97	78 - 120	2	30
trans-1,3-Dichloropropene			0.0200	0.0179		mg/Kg		89	77 - 120	1	30
Trichloroethene			0.0200	0.0188		mg/Kg		94	80 - 120	2	30
Trichlorofluoromethane			0.0200	0.0181		mg/Kg		91	61 - 130	10	30
Vinyl chloride			0.0200	0.0196		mg/Kg		98	54 - 122	8	30
Xylenes, Total			0.0400	0.0410		mg/Kg		103	80 - 120	2	30

Surrogate	*LCSD %Recovery*	*LCSD Qualifier*	*Limits*
1,2-Dichloroethane-d4 (Surr)	*88*		*65 - 138*
4-Bromofluorobenzene	*95*		*71 - 128*
Dibromofluoromethane (Surr)	*93*		*50 - 150*
Toluene-d8 (Surr)	*99*		*71 - 126*

Lab Sample ID: MB 460-1066734/7
Matrix: Solid
Analysis Batch: 1066734

Client Sample ID: Method Blank
Prep Type: Total/NA

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1-Trichloroethane	0.0010	U	0.0010	0.00023	mg/Kg			10/08/25 14:50	1
1,1,2,2-Tetrachloroethane	0.0010	U	0.0010	0.00052	mg/Kg			10/08/25 14:50	1
1,1,2-Trichloro-1,2,2-trifluoroethane	0.0010	U	0.0010	0.00030	mg/Kg			10/08/25 14:50	1
1,1,2-Trichloroethane	0.0010	U	0.0010	0.00060	mg/Kg			10/08/25 14:50	1
1,1-Dichloroethane	0.0010	U	0.0010	0.00060	mg/Kg			10/08/25 14:50	1
1,1-Dichloroethene	0.0010	U	0.0010	0.00023	mg/Kg			10/08/25 14:50	1
1,2,3-Trichlorobenzene	0.0010	U	0.0010	0.00074	mg/Kg			10/08/25 14:50	1
1,2,4-Trichlorobenzene	0.0010	U	0.0010	0.00036	mg/Kg			10/08/25 14:50	1
1,2,4-Trimethylbenzene	0.0010	U	0.0010	0.00025	mg/Kg			10/08/25 14:50	1
1,2-Dibromo-3-Chloropropane	0.0010	U	0.0010	0.00046	mg/Kg			10/08/25 14:50	1
1,2-Dichlorobenzene	0.0010	U	0.0010	0.00036	mg/Kg			10/08/25 14:50	1
1,2-Dichloroethane	0.0010	U	0.0010	0.00030	mg/Kg			10/08/25 14:50	1
1,2-Dichloropropane	0.0010	U	0.0010	0.00042	mg/Kg			10/08/25 14:50	1
1,3,5-Trimethylbenzene	0.0010	U	0.0010	0.00031	mg/Kg			10/08/25 14:50	1
1,3-Dichlorobenzene	0.0010	U	0.0010	0.00037	mg/Kg			10/08/25 14:50	1
1,4-Dichlorobenzene	0.0010	U	0.0010	0.00052	mg/Kg			10/08/25 14:50	1
2-Butanone (MEK)	0.0050	U	0.0050	0.00037	mg/Kg			10/08/25 14:50	1
2-Hexanone	0.0050	U	0.0050	0.0017	mg/Kg			10/08/25 14:50	1
4-Methyl-2-pentanone (MIBK)	0.0050	U	0.0050	0.0016	mg/Kg			10/08/25 14:50	1
Acetone	0.0060	U	0.0060	0.0057	mg/Kg			10/08/25 14:50	1
Benzene	0.0010	U	0.0010	0.00057	mg/Kg			10/08/25 14:50	1
Bromoform	0.0010	U	0.0010	0.00043	mg/Kg			10/08/25 14:50	1
Bromomethane	0.0020	U	0.0020	0.0010	mg/Kg			10/08/25 14:50	1
Carbon disulfide	0.0010	U	0.0010	0.00027	mg/Kg			10/08/25 14:50	1
Carbon tetrachloride	0.0010	U	0.0010	0.00039	mg/Kg			10/08/25 14:50	1
Chlorobenzene	0.0010	U	0.0010	0.00051	mg/Kg			10/08/25 14:50	1

Method: 8260D - Volatile Organic Compounds by GC/MS (Continued)

Lab Sample ID: MB 460-1066734/7
Matrix: Solid
Analysis Batch: 1066734

Client Sample ID: Method Blank
Prep Type: Total/NA

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chlorobromomethane	0.0010	U	0.0010	0.00060	mg/Kg			10/08/25 14:50	1
Chlorodibromomethane	0.0010	U	0.0010	0.00054	mg/Kg			10/08/25 14:50	1
Chloroethane	0.0010	U	0.0010	0.00052	mg/Kg			10/08/25 14:50	1
Chloroform	0.0010	U	0.0010	0.00097	mg/Kg			10/08/25 14:50	1
Chloromethane	0.0010	U	0.0010	0.00044	mg/Kg			10/08/25 14:50	1
cis-1,2-Dichloroethene	0.0010	U	0.0010	0.00036	mg/Kg			10/08/25 14:50	1
cis-1,3-Dichloropropene	0.0010	U	0.0010	0.00027	mg/Kg			10/08/25 14:50	1
Cyclohexane	0.0010	U	0.0010	0.00022	mg/Kg			10/08/25 14:50	1
Dichlorobromomethane	0.0010	U	0.0010	0.00026	mg/Kg			10/08/25 14:50	1
Dichlorodifluoromethane	0.0010	U	0.0010	0.00034	mg/Kg			10/08/25 14:50	1
Ethylbenzene	0.0010	U	0.0010	0.00047	mg/Kg			10/08/25 14:50	1
Ethylene Dibromide	0.0010	U	0.0010	0.00050	mg/Kg			10/08/25 14:50	1
Isopropylbenzene	0.0010	U	0.0010	0.00029	mg/Kg			10/08/25 14:50	1
Methyl acetate	0.0050	U	0.0050	0.0043	mg/Kg			10/08/25 14:50	1
Methyl tert-butyl ether	0.0010	U	0.0010	0.00051	mg/Kg			10/08/25 14:50	1
Methylcyclohexane	0.0010	U	0.0010	0.00050	mg/Kg			10/08/25 14:50	1
Methylene Chloride	0.0020	U	0.0020	0.0011	mg/Kg			10/08/25 14:50	1
m-Xylene & p-Xylene	0.0010	U	0.0010	0.00042	mg/Kg			10/08/25 14:50	1
n-Butylbenzene	0.0010	U	0.0010	0.00029	mg/Kg			10/08/25 14:50	1
N-Propylbenzene	0.0010	U	0.0010	0.00045	mg/Kg			10/08/25 14:50	1
o-Xylene	0.0010	U	0.0010	0.00046	mg/Kg			10/08/25 14:50	1
sec-Butylbenzene	0.0010	U	0.0010	0.00029	mg/Kg			10/08/25 14:50	1
Styrene	0.0010	U	0.0010	0.00028	mg/Kg			10/08/25 14:50	1
tert-Butylbenzene	0.0010	U	0.0010	0.00028	mg/Kg			10/08/25 14:50	1
Tetrachloroethene	0.0010	U	0.0010	0.00031	mg/Kg			10/08/25 14:50	1
Toluene	0.0010	U	0.0010	0.00023	mg/Kg			10/08/25 14:50	1
trans-1,2-Dichloroethene	0.0010	U	0.0010	0.00025	mg/Kg			10/08/25 14:50	1
trans-1,3-Dichloropropene	0.0010	U	0.0010	0.00027	mg/Kg			10/08/25 14:50	1
Trichloroethene	0.0010	U	0.0010	0.00032	mg/Kg			10/08/25 14:50	1
Trichlorofluoromethane	0.0010	U	0.0010	0.00041	mg/Kg			10/08/25 14:50	1
Vinyl chloride	0.0010	U	0.0010	0.00055	mg/Kg			10/08/25 14:50	1
Xylenes, Total	0.0020	U	0.0020	0.00017	mg/Kg			10/08/25 14:50	1

Surrogate	*MB %Recovery*	*MB Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,2-Dichloroethane-d4 (Surr)	*108*		*65 - 138*		*10/08/25 14:50*	*1*
4-Bromofluorobenzene	*95*		*71 - 128*		*10/08/25 14:50*	*1*
Dibromofluoromethane (Surr)	*117*		*50 - 150*		*10/08/25 14:50*	*1*
Toluene-d8 (Surr)	*95*		*71 - 126*		*10/08/25 14:50*	*1*

Lab Sample ID: LCS 460-1066734/3
Matrix: Solid
Analysis Batch: 1066734

Client Sample ID: Lab Control Sample
Prep Type: Total/NA

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
1,1,1-Trichloroethane	0.0200	0.0172		mg/Kg		86	78 - 120
1,1,2,2-Tetrachloroethane	0.0200	0.0184		mg/Kg		92	70 - 133
1,1,2-Trichloro-1,2,2-trifluoroethane	0.0200	0.0170		mg/Kg		85	75 - 121
1,1,2-Trichloroethane	0.0200	0.0201		mg/Kg		101	80 - 120

Method: 8260D - Volatile Organic Compounds by GC/MS (Continued)

Lab Sample ID: LCS 460-1066734/3
Matrix: Solid
Analysis Batch: 1066734

Client Sample ID: Lab Control Sample
Prep Type: Total/NA

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
1,1-Dichloroethane	0.0200	0.0170		mg/Kg		85	72 - 120
1,1-Dichloroethene	0.0200	0.0164		mg/Kg		82	76 - 120
1,2,3-Trichlorobenzene	0.0200	0.0188		mg/Kg		94	77 - 137
1,2,4-Trichlorobenzene	0.0200	0.0172		mg/Kg		86	77 - 136
1,2,4-Trimethylbenzene	0.0200	0.0171		mg/Kg		86	75 - 120
1,2-Dibromo-3-Chloropropane	0.0200	0.0174		mg/Kg		87	80 - 124
1,2-Dichlorobenzene	0.0200	0.0199		mg/Kg		100	80 - 120
1,2-Dichloroethane	0.0200	0.0193		mg/Kg		96	70 - 123
1,2-Dichloropropane	0.0200	0.0174		mg/Kg		87	73 - 124
1,3,5-Trimethylbenzene	0.0200	0.0172		mg/Kg		86	70 - 120
1,3-Dichlorobenzene	0.0200	0.0183		mg/Kg		92	80 - 120
1,4-Dichlorobenzene	0.0200	0.0185		mg/Kg		93	80 - 120
2-Butanone (MEK)	0.100	0.105		mg/Kg		105	64 - 128
2-Hexanone	0.100	0.111		mg/Kg		111	75 - 120
4-Methyl-2-pentanone (MIBK)	0.100	0.115		mg/Kg		115	80 - 120
Acetone	0.100	0.105		mg/Kg		105	58 - 122
Benzene	0.0200	0.0172		mg/Kg		86	75 - 120
Bromoform	0.0200	0.0191		mg/Kg		95	61 - 125
Bromomethane	0.0200	0.0146		mg/Kg		73	37 - 150
Carbon disulfide	0.0200	0.0159		mg/Kg		80	57 - 133
Carbon tetrachloride	0.0200	0.0160		mg/Kg		80	66 - 127
Chlorobenzene	0.0200	0.0185		mg/Kg		92	80 - 120
Chlorobromomethane	0.0200	0.0203		mg/Kg		102	76 - 127
Chlorodibromomethane	0.0200	0.0193		mg/Kg		96	72 - 120
Chloroethane	0.0200	0.0155		mg/Kg		78	60 - 123
Chloroform	0.0200	0.0181		mg/Kg		91	79 - 126
Chloromethane	0.0200	0.0158		mg/Kg		79	46 - 122
cis-1,2-Dichloroethene	0.0200	0.0182		mg/Kg		91	80 - 123
cis-1,3-Dichloropropene	0.0200	0.0170		mg/Kg		85	75 - 120
Cyclohexane	0.0200	0.0171		mg/Kg		86	65 - 132
Dichlorobromomethane	0.0200	0.0186		mg/Kg		93	77 - 124
Dichlorodifluoromethane	0.0200	0.0186		mg/Kg		93	45 - 129
Ethylbenzene	0.0200	0.0180		mg/Kg		90	80 - 120
Ethylene Dibromide	0.0200	0.0206		mg/Kg		103	79 - 120
Isopropylbenzene	0.0200	0.0172		mg/Kg		86	74 - 120
Methyl acetate	0.0400	0.0361		mg/Kg		90	57 - 120
Methyl tert-butyl ether	0.0200	0.0189		mg/Kg		94	74 - 125
Methylcyclohexane	0.0200	0.0164		mg/Kg		82	66 - 125
Methylene Chloride	0.0200	0.0194		mg/Kg		97	78 - 120
m-Xylene & p-Xylene	0.0200	0.0181		mg/Kg		90	80 - 120
n-Butylbenzene	0.0200	0.0160		mg/Kg		80	72 - 120
N-Propylbenzene	0.0200	0.0169		mg/Kg		84	68 - 120
o-Xylene	0.0200	0.0185		mg/Kg		93	80 - 120
sec-Butylbenzene	0.0200	0.0163		mg/Kg		82	78 - 120
Styrene	0.0200	0.0182		mg/Kg		91	80 - 120
tert-Butylbenzene	0.0200	0.0167		mg/Kg		84	80 - 120
Tetrachloroethene	0.0200	0.0177		mg/Kg		89	73 - 120
Toluene	0.0200	0.0173		mg/Kg		86	80 - 120
trans-1,2-Dichloroethene	0.0200	0.0175		mg/Kg		87	78 - 120

Method: 8260D - Volatile Organic Compounds by GC/MS (Continued)

Lab Sample ID: LCS 460-1066734/3
Matrix: Solid
Analysis Batch: 1066734

Client Sample ID: Lab Control Sample
Prep Type: Total/NA

Analyte			Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits		
trans-1,3-Dichloropropene			0.0200	0.0170		mg/Kg		85	77 - 120		
Trichloroethene			0.0200	0.0183		mg/Kg		92	80 - 120		
Trichlorofluoromethane			0.0200	0.0168		mg/Kg		84	61 - 130		
Vinyl chloride			0.0200	0.0169		mg/Kg		85	54 - 122		
Xylenes, Total			0.0400	0.0366		mg/Kg		91	80 - 120		

Surrogate	*LCS %Recovery*	*LCS Qualifier*	*Limits*
1,2-Dichloroethane-d4 (Surr)	*96*		*65 - 138*
4-Bromofluorobenzene	*101*		*71 - 128*
Dibromofluoromethane (Surr)	*96*		*50 - 150*
Toluene-d8 (Surr)	*97*		*71 - 126*

Lab Sample ID: LCSD 460-1066734/4
Matrix: Solid
Analysis Batch: 1066734

Client Sample ID: Lab Control Sample Dup
Prep Type: Total/NA

Analyte			Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
1,1,1-Trichloroethane			0.0200	0.0186		mg/Kg		93	78 - 120	8	30
1,1,2,2-Tetrachloroethane			0.0200	0.0192		mg/Kg		96	70 - 133	4	30
1,1,2-Trichloro-1,2,2-trifluoroethane			0.0200	0.0193		mg/Kg		97	75 - 121	13	30
1,1,2-Trichloroethane			0.0200	0.0212		mg/Kg		106	80 - 120	5	30
1,1-Dichloroethane			0.0200	0.0184		mg/Kg		92	72 - 120	8	30
1,1-Dichloroethene			0.0200	0.0186		mg/Kg		93	76 - 120	12	30
1,2,3-Trichlorobenzene			0.0200	0.0190		mg/Kg		95	77 - 137	1	30
1,2,4-Trichlorobenzene			0.0200	0.0175		mg/Kg		88	77 - 136	1	30
1,2,4-Trimethylbenzene			0.0200	0.0181		mg/Kg		91	75 - 120	6	30
1,2-Dibromo-3-Chloropropane			0.0200	0.0178		mg/Kg		89	80 - 124	2	30
1,2-Dichlorobenzene			0.0200	0.0204		mg/Kg		102	80 - 120	2	30
1,2-Dichloroethane			0.0200	0.0200		mg/Kg		100	70 - 123	4	30
1,2-Dichloropropane			0.0200	0.0184		mg/Kg		92	73 - 124	6	30
1,3,5-Trimethylbenzene			0.0200	0.0183		mg/Kg		91	70 - 120	6	30
1,3-Dichlorobenzene			0.0200	0.0189		mg/Kg		95	80 - 120	3	30
1,4-Dichlorobenzene			0.0200	0.0191		mg/Kg		96	80 - 120	3	30
2-Butanone (MEK)			0.100	0.109		mg/Kg		109	64 - 128	4	30
2-Hexanone			0.100	0.112		mg/Kg		112	75 - 120	1	30
4-Methyl-2-pentanone (MIBK)			0.100	0.118		mg/Kg		118	80 - 120	3	30
Acetone			0.100	0.111		mg/Kg		111	58 - 122	6	30
Benzene			0.0200	0.0184		mg/Kg		92	75 - 120	7	30
Bromoform			0.0200	0.0193		mg/Kg		96	61 - 125	1	30
Bromomethane			0.0200	0.0200	*	mg/Kg		100	37 - 150	31	30
Carbon disulfide			0.0200	0.0177		mg/Kg		88	57 - 133	10	30
Carbon tetrachloride			0.0200	0.0177		mg/Kg		88	66 - 127	10	30
Chlorobenzene			0.0200	0.0192		mg/Kg		96	80 - 120	4	30
Chlorobromomethane			0.0200	0.0212		mg/Kg		106	76 - 127	4	30
Chlorodibromomethane			0.0200	0.0196		mg/Kg		98	72 - 120	2	30
Chloroethane			0.0200	0.0180		mg/Kg		90	60 - 123	15	30
Chloroform			0.0200	0.0185		mg/Kg		93	79 - 126	2	30
Chloromethane			0.0200	0.0173		mg/Kg		86	46 - 122	9	30

Method: 8260D - Volatile Organic Compounds by GC/MS (Continued)

Lab Sample ID: LCSD 460-1066734/4
Matrix: Solid
Analysis Batch: 1066734

Client Sample ID: Lab Control Sample Dup
Prep Type: Total/NA

Analyte	Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
cis-1,2-Dichloroethene	0.0200	0.0194		mg/Kg		97	80 - 123	6	30
cis-1,3-Dichloropropene	0.0200	0.0183		mg/Kg		91	75 - 120	7	30
Cyclohexane	0.0200	0.0191		mg/Kg		96	65 - 132	11	30
Dichlorobromomethane	0.0200	0.0194		mg/Kg		97	77 - 124	4	30
Dichlorodifluoromethane	0.0200	0.0214		mg/Kg		107	45 - 129	14	30
Ethylbenzene	0.0200	0.0192		mg/Kg		96	80 - 120	6	30
Ethylene Dibromide	0.0200	0.0211		mg/Kg		106	79 - 120	2	30
Isopropylbenzene	0.0200	0.0185		mg/Kg		92	74 - 120	7	30
Methyl acetate	0.0400	0.0351		mg/Kg		88	57 - 120	3	30
Methyl tert-butyl ether	0.0200	0.0193		mg/Kg		96	74 - 125	2	30
Methylcyclohexane	0.0200	0.0185		mg/Kg		93	66 - 125	12	30
Methylene Chloride	0.0200	0.0198		mg/Kg		99	78 - 120	2	30
m-Xylene & p-Xylene	0.0200	0.0190		mg/Kg		95	80 - 120	5	30
n-Butylbenzene	0.0200	0.0173		mg/Kg		87	72 - 120	8	30
N-Propylbenzene	0.0200	0.0181		mg/Kg		91	68 - 120	7	30
o-Xylene	0.0200	0.0195		mg/Kg		98	80 - 120	5	30
sec-Butylbenzene	0.0200	0.0177		mg/Kg		88	78 - 120	8	30
Styrene	0.0200	0.0188		mg/Kg		94	80 - 120	3	30
tert-Butylbenzene	0.0200	0.0180		mg/Kg		90	80 - 120	8	30
Tetrachloroethene	0.0200	0.0195		mg/Kg		97	73 - 120	10	30
Toluene	0.0200	0.0186		mg/Kg		93	80 - 120	8	30
trans-1,2-Dichloroethene	0.0200	0.0188		mg/Kg		94	78 - 120	7	30
trans-1,3-Dichloropropene	0.0200	0.0175		mg/Kg		87	77 - 120	2	30
Trichloroethene	0.0200	0.0194		mg/Kg		97	80 - 120	6	30
Trichlorofluoromethane	0.0200	0.0189		mg/Kg		95	61 - 130	12	30
Vinyl chloride	0.0200	0.0192		mg/Kg		96	54 - 122	13	30
Xylenes, Total	0.0400	0.0385		mg/Kg		96	80 - 120	5	30

Surrogate	*LCSD %Recovery*	*LCSD Qualifier*	*Limits*
1,2-Dichloroethane-d4 (Surr)	*97*		*65 - 138*
4-Bromofluorobenzene	*100*		*71 - 128*
Dibromofluoromethane (Surr)	*99*		*50 - 150*
Toluene-d8 (Surr)	*100*		*71 - 126*

Lab Sample ID: MB 460-1066833/8
Matrix: Solid
Analysis Batch: 1066833

Client Sample ID: Method Blank
Prep Type: Total/NA

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1-Trichloroethane	0.0010	U	0.0010	0.00023	mg/Kg			10/09/25 06:16	1
1,1,2,2-Tetrachloroethane	0.0010	U	0.0010	0.00052	mg/Kg			10/09/25 06:16	1
1,1,2-Trichloro-1,2,2-trifluoroethane	0.0010	U	0.0010	0.00030	mg/Kg			10/09/25 06:16	1
1,1,2-Trichloroethane	0.0010	U	0.0010	0.00060	mg/Kg			10/09/25 06:16	1
1,1-Dichloroethane	0.0010	U	0.0010	0.00060	mg/Kg			10/09/25 06:16	1
1,1-Dichloroethene	0.0010	U	0.0010	0.00023	mg/Kg			10/09/25 06:16	1
1,2,3-Trichlorobenzene	0.0010	U	0.0010	0.00074	mg/Kg			10/09/25 06:16	1
1,2,4-Trichlorobenzene	0.0010	U	0.0010	0.00036	mg/Kg			10/09/25 06:16	1
1,2,4-Trimethylbenzene	0.0010	U	0.0010	0.00025	mg/Kg			10/09/25 06:16	1

Method: 8260D - Volatile Organic Compounds by GC/MS (Continued)

Lab Sample ID: MB 460-1066833/8
Matrix: Solid
Analysis Batch: 1066833

Client Sample ID: Method Blank
Prep Type: Total/NA

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,2-Dibromo-3-Chloropropane	0.0010	U	0.0010	0.00046	mg/Kg			10/09/25 06:16	1
1,2-Dichlorobenzene	0.0010	U	0.0010	0.00036	mg/Kg			10/09/25 06:16	1
1,2-Dichloroethane	0.0010	U	0.0010	0.00030	mg/Kg			10/09/25 06:16	1
1,2-Dichloropropane	0.0010	U	0.0010	0.00042	mg/Kg			10/09/25 06:16	1
1,3,5-Trimethylbenzene	0.0010	U	0.0010	0.00031	mg/Kg			10/09/25 06:16	1
1,3-Dichlorobenzene	0.0010	U	0.0010	0.00037	mg/Kg			10/09/25 06:16	1
1,4-Dichlorobenzene	0.0010	U	0.0010	0.00052	mg/Kg			10/09/25 06:16	1
2-Butanone (MEK)	0.0050	U	0.0050	0.00037	mg/Kg			10/09/25 06:16	1
2-Hexanone	0.0050	U	0.0050	0.0017	mg/Kg			10/09/25 06:16	1
4-Methyl-2-pentanone (MIBK)	0.0050	U	0.0050	0.0016	mg/Kg			10/09/25 06:16	1
Acetone	0.0060	U	0.0060	0.0057	mg/Kg			10/09/25 06:16	1
Benzene	0.0010	U	0.0010	0.00057	mg/Kg			10/09/25 06:16	1
Bromoform	0.0010	U	0.0010	0.00043	mg/Kg			10/09/25 06:16	1
Bromomethane	0.0020	U	0.0020	0.0010	mg/Kg			10/09/25 06:16	1
Carbon disulfide	0.0010	U	0.0010	0.00027	mg/Kg			10/09/25 06:16	1
Carbon tetrachloride	0.0010	U	0.0010	0.00039	mg/Kg			10/09/25 06:16	1
Chlorobenzene	0.0010	U	0.0010	0.00051	mg/Kg			10/09/25 06:16	1
Chlorobromomethane	0.0010	U	0.0010	0.00060	mg/Kg			10/09/25 06:16	1
Chlorodibromomethane	0.0010	U	0.0010	0.00054	mg/Kg			10/09/25 06:16	1
Chloroethane	0.0010	U	0.0010	0.00052	mg/Kg			10/09/25 06:16	1
Chloroform	0.0010	U	0.0010	0.00097	mg/Kg			10/09/25 06:16	1
Chloromethane	0.0010	U	0.0010	0.00044	mg/Kg			10/09/25 06:16	1
cis-1,2-Dichloroethene	0.0010	U	0.0010	0.00036	mg/Kg			10/09/25 06:16	1
cis-1,3-Dichloropropene	0.0010	U	0.0010	0.00027	mg/Kg			10/09/25 06:16	1
Cyclohexane	0.0010	U	0.0010	0.00022	mg/Kg			10/09/25 06:16	1
Dichlorobromomethane	0.0010	U	0.0010	0.00026	mg/Kg			10/09/25 06:16	1
Dichlorodifluoromethane	0.0010	U	0.0010	0.00034	mg/Kg			10/09/25 06:16	1
Ethylbenzene	0.0010	U	0.0010	0.00047	mg/Kg			10/09/25 06:16	1
Ethylene Dibromide	0.0010	U	0.0010	0.00050	mg/Kg			10/09/25 06:16	1
Isopropylbenzene	0.0010	U	0.0010	0.00029	mg/Kg			10/09/25 06:16	1
Methyl acetate	0.0050	U	0.0050	0.0043	mg/Kg			10/09/25 06:16	1
Methyl tert-butyl ether	0.0010	U	0.0010	0.00051	mg/Kg			10/09/25 06:16	1
Methylcyclohexane	0.0010	U	0.0010	0.00050	mg/Kg			10/09/25 06:16	1
Methylene Chloride	0.0020	U	0.0020	0.0011	mg/Kg			10/09/25 06:16	1
m-Xylene & p-Xylene	0.0010	U	0.0010	0.00042	mg/Kg			10/09/25 06:16	1
n-Butylbenzene	0.0010	U	0.0010	0.00029	mg/Kg			10/09/25 06:16	1
N-Propylbenzene	0.0010	U	0.0010	0.00045	mg/Kg			10/09/25 06:16	1
o-Xylene	0.0010	U	0.0010	0.00046	mg/Kg			10/09/25 06:16	1
sec-Butylbenzene	0.0010	U	0.0010	0.00029	mg/Kg			10/09/25 06:16	1
Styrene	0.0010	U	0.0010	0.00028	mg/Kg			10/09/25 06:16	1
tert-Butylbenzene	0.0010	U	0.0010	0.00028	mg/Kg			10/09/25 06:16	1
Tetrachloroethene	0.0010	U	0.0010	0.00031	mg/Kg			10/09/25 06:16	1
Toluene	0.0010	U	0.0010	0.00023	mg/Kg			10/09/25 06:16	1
trans-1,2-Dichloroethene	0.0010	U	0.0010	0.00025	mg/Kg			10/09/25 06:16	1
trans-1,3-Dichloropropene	0.0010	U	0.0010	0.00027	mg/Kg			10/09/25 06:16	1
Trichloroethene	0.0010	U	0.0010	0.00032	mg/Kg			10/09/25 06:16	1
Trichlorofluoromethane	0.0010	U	0.0010	0.00041	mg/Kg			10/09/25 06:16	1
Vinyl chloride	0.0010	U	0.0010	0.00055	mg/Kg			10/09/25 06:16	1
Xylenes, Total	0.0020	U	0.0020	0.00017	mg/Kg			10/09/25 06:16	1

Method: 8260D - Volatile Organic Compounds by GC/MS (Continued)

Surrogate	MB %Recovery	MB Qualifier	Limits	Prepared	Analyzed	Dil Fac
1,2-Dichloroethane-d4 (Surr)	104		65 - 138		10/09/25 06:16	1
4-Bromofluorobenzene	87		71 - 128		10/09/25 06:16	1
Dibromofluoromethane (Surr)	99		50 - 150		10/09/25 06:16	1
Toluene-d8 (Surr)	95		71 - 126		10/09/25 06:16	1

Lab Sample ID: LCS 460-1066833/3
Matrix: Solid
Analysis Batch: 1066833

Client Sample ID: Lab Control Sample
Prep Type: Total/NA

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
1,1,1-Trichloroethane	0.0200	0.0210		mg/Kg		105	78 - 120
1,1,2,2-Tetrachloroethane	0.0200	0.0209		mg/Kg		104	70 - 133
1,1,2-Trichloro-1,2,2-trifluoroethane	0.0200	0.0216		mg/Kg		108	75 - 121
1,1,2-Trichloroethane	0.0200	0.0201		mg/Kg		100	80 - 120
1,1-Dichloroethane	0.0200	0.0223		mg/Kg		111	72 - 120
1,1-Dichloroethene	0.0200	0.0205		mg/Kg		102	76 - 120
1,2,3-Trichlorobenzene	0.0200	0.0197		mg/Kg		98	77 - 137
1,2,4-Trichlorobenzene	0.0200	0.0199		mg/Kg		100	77 - 136
1,2,4-Trimethylbenzene	0.0200	0.0207		mg/Kg		104	75 - 120
1,2-Dibromo-3-Chloropropane	0.0200	0.0204		mg/Kg		102	80 - 124
1,2-Dichlorobenzene	0.0200	0.0196		mg/Kg		98	80 - 120
1,2-Dichloroethane	0.0200	0.0215		mg/Kg		107	70 - 123
1,2-Dichloropropane	0.0200	0.0216		mg/Kg		108	73 - 124
1,3,5-Trimethylbenzene	0.0200	0.0208		mg/Kg		104	70 - 120
1,3-Dichlorobenzene	0.0200	0.0204		mg/Kg		102	80 - 120
1,4-Dichlorobenzene	0.0200	0.0200		mg/Kg		100	80 - 120
2-Butanone (MEK)	0.100	0.102		mg/Kg		102	64 - 128
2-Hexanone	0.100	0.0981		mg/Kg		98	75 - 120
4-Methyl-2-pentanone (MIBK)	0.100	0.0960		mg/Kg		96	80 - 120
Acetone	0.100	0.0945		mg/Kg		95	58 - 122
Benzene	0.0200	0.0205		mg/Kg		103	75 - 120
Bromoform	0.0200	0.0168		mg/Kg		84	61 - 125
Bromomethane	0.0200	0.0157		mg/Kg		79	37 - 150
Carbon disulfide	0.0200	0.0181		mg/Kg		90	57 - 133
Carbon tetrachloride	0.0200	0.0207		mg/Kg		104	66 - 127
Chlorobenzene	0.0200	0.0202		mg/Kg		101	80 - 120
Chlorobromomethane	0.0200	0.0201		mg/Kg		101	76 - 127
Chlorodibromomethane	0.0200	0.0176		mg/Kg		88	72 - 120
Chloroethane	0.0200	0.0219		mg/Kg		110	60 - 123
Chloroform	0.0200	0.0225		mg/Kg		112	79 - 126
Chloromethane	0.0200	0.0220		mg/Kg		110	46 - 122
cis-1,2-Dichloroethene	0.0200	0.0208		mg/Kg		104	80 - 123
cis-1,3-Dichloropropene	0.0200	0.0194		mg/Kg		97	75 - 120
Cyclohexane	0.0200	0.0209		mg/Kg		104	65 - 132
Dichlorobromomethane	0.0200	0.0207		mg/Kg		103	77 - 124
Dichlorodifluoromethane	0.0200	0.0241		mg/Kg		120	45 - 129
Ethylbenzene	0.0200	0.0199		mg/Kg		100	80 - 120
Ethylene Dibromide	0.0200	0.0200		mg/Kg		100	79 - 120
Isopropylbenzene	0.0200	0.0206		mg/Kg		103	74 - 120
Methyl acetate	0.0400	0.0496	*	mg/Kg		124	57 - 120
Methyl tert-butyl ether	0.0200	0.0199		mg/Kg		99	74 - 125

Method: 8260D - Volatile Organic Compounds by GC/MS (Continued)

Lab Sample ID: LCS 460-1066833/3
Matrix: Solid
Analysis Batch: 1066833

Client Sample ID: Lab Control Sample
Prep Type: Total/NA

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
Methylcyclohexane	0.0200	0.0215		mg/Kg		107	66 - 125
Methylene Chloride	0.0200	0.0218		mg/Kg		109	78 - 120
m-Xylene & p-Xylene	0.0200	0.0204		mg/Kg		102	80 - 120
n-Butylbenzene	0.0200	0.0220		mg/Kg		110	72 - 120
N-Propylbenzene	0.0200	0.0209		mg/Kg		105	68 - 120
o-Xylene	0.0200	0.0201		mg/Kg		101	80 - 120
sec-Butylbenzene	0.0200	0.0218		mg/Kg		109	78 - 120
Styrene	0.0200	0.0203		mg/Kg		101	80 - 120
tert-Butylbenzene	0.0200	0.0219		mg/Kg		110	80 - 120
Tetrachloroethene	0.0200	0.0200		mg/Kg		100	73 - 120
Toluene	0.0200	0.0201		mg/Kg		100	80 - 120
trans-1,2-Dichloroethene	0.0200	0.0209		mg/Kg		105	78 - 120
trans-1,3-Dichloropropene	0.0200	0.0180		mg/Kg		90	77 - 120
Trichloroethene	0.0200	0.0210		mg/Kg		105	80 - 120
Trichlorofluoromethane	0.0200	0.0202		mg/Kg		101	61 - 130
Vinyl chloride	0.0200	0.0243		mg/Kg		121	54 - 122
Xylenes, Total	0.0400	0.0405		mg/Kg		101	80 - 120

Surrogate	*LCS %Recovery*	*LCS Qualifier*	*Limits*
1,2-Dichloroethane-d4 (Surr)	*105*		*65 - 138*
4-Bromofluorobenzene	*86*		*71 - 128*
Dibromofluoromethane (Surr)	*98*		*50 - 150*
Toluene-d8 (Surr)	*97*		*71 - 126*

Lab Sample ID: LCSD 460-1066833/4
Matrix: Solid
Analysis Batch: 1066833

Client Sample ID: Lab Control Sample Dup
Prep Type: Total/NA

Analyte	Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
1,1,1-Trichloroethane	0.0200	0.0222		mg/Kg		111	78 - 120	6	30
1,1,2,2-Tetrachloroethane	0.0200	0.0219		mg/Kg		109	70 - 133	5	30
1,1,2-Trichloro-1,2,2-trifluoroethane	0.0200	0.0227		mg/Kg		114	75 - 121	5	30
1,1,2-Trichloroethane	0.0200	0.0207		mg/Kg		104	80 - 120	3	30
1,1-Dichloroethane	0.0200	0.0238		mg/Kg		119	72 - 120	7	30
1,1-Dichloroethene	0.0200	0.0217		mg/Kg		109	76 - 120	6	30
1,2,3-Trichlorobenzene	0.0200	0.0205		mg/Kg		103	77 - 137	4	30
1,2,4-Trichlorobenzene	0.0200	0.0206		mg/Kg		103	77 - 136	3	30
1,2,4-Trimethylbenzene	0.0200	0.0214		mg/Kg		107	75 - 120	3	30
1,2-Dibromo-3-Chloropropane	0.0200	0.0216		mg/Kg		108	80 - 124	6	30
1,2-Dichlorobenzene	0.0200	0.0208		mg/Kg		104	80 - 120	6	30
1,2-Dichloroethane	0.0200	0.0233		mg/Kg		117	70 - 123	8	30
1,2-Dichloropropane	0.0200	0.0227		mg/Kg		113	73 - 124	5	30
1,3,5-Trimethylbenzene	0.0200	0.0217		mg/Kg		108	70 - 120	4	30
1,3-Dichlorobenzene	0.0200	0.0209		mg/Kg		105	80 - 120	3	30
1,4-Dichlorobenzene	0.0200	0.0208		mg/Kg		104	80 - 120	4	30
2-Butanone (MEK)	0.100	0.104		mg/Kg		104	64 - 128	3	30
2-Hexanone	0.100	0.106		mg/Kg		106	75 - 120	7	30
4-Methyl-2-pentanone (MIBK)	0.100	0.105		mg/Kg		105	80 - 120	9	30

Method: 8260D - Volatile Organic Compounds by GC/MS (Continued)

Lab Sample ID: LCSD 460-1066833/4
Matrix: Solid
Analysis Batch: 1066833

Client Sample ID: Lab Control Sample Dup
Prep Type: Total/NA

Analyte			Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Acetone			0.100	0.0985		mg/Kg		99	58 - 122	4	30
Benzene			0.0200	0.0210		mg/Kg		105	75 - 120	2	30
Bromoform			0.0200	0.0180		mg/Kg		90	61 - 125	7	30
Bromomethane			0.0200	0.0171		mg/Kg		86	37 - 150	9	30
Carbon disulfide			0.0200	0.0193		mg/Kg		97	57 - 133	7	30
Carbon tetrachloride			0.0200	0.0213		mg/Kg		107	66 - 127	3	30
Chlorobenzene			0.0200	0.0208		mg/Kg		104	80 - 120	3	30
Chlorobromomethane			0.0200	0.0215		mg/Kg		108	76 - 127	7	30
Chlorodibromomethane			0.0200	0.0185		mg/Kg		93	72 - 120	5	30
Chloroethane			0.0200	0.0233		mg/Kg		117	60 - 123	6	30
Chloroform			0.0200	0.0237		mg/Kg		118	79 - 126	5	30
Chloromethane			0.0200	0.0236		mg/Kg		118	46 - 122	7	30
cis-1,2-Dichloroethene			0.0200	0.0224		mg/Kg		112	80 - 123	8	30
cis-1,3-Dichloropropene			0.0200	0.0196		mg/Kg		98	75 - 120	1	30
Cyclohexane			0.0200	0.0222		mg/Kg		111	65 - 132	6	30
Dichlorobromomethane			0.0200	0.0219		mg/Kg		109	77 - 124	6	30
Dichlorodifluoromethane			0.0200	0.0273	*	mg/Kg		137	45 - 129	13	30
Ethylbenzene			0.0200	0.0209		mg/Kg		105	80 - 120	5	30
Ethylene Dibromide			0.0200	0.0204		mg/Kg		102	79 - 120	2	30
Isopropylbenzene			0.0200	0.0211		mg/Kg		106	74 - 120	3	30
Methyl acetate			0.0400	0.0504	*	mg/Kg		126	57 - 120	1	30
Methyl tert-butyl ether			0.0200	0.0217		mg/Kg		108	74 - 125	9	30
Methylcyclohexane			0.0200	0.0227		mg/Kg		114	66 - 125	6	30
Methylene Chloride			0.0200	0.0231		mg/Kg		115	78 - 120	5	30
m-Xylene & p-Xylene			0.0200	0.0205		mg/Kg		103	80 - 120	1	30
n-Butylbenzene			0.0200	0.0223		mg/Kg		112	72 - 120	1	30
N-Propylbenzene			0.0200	0.0214		mg/Kg		107	68 - 120	2	30
o-Xylene			0.0200	0.0205		mg/Kg		103	80 - 120	2	30
sec-Butylbenzene			0.0200	0.0225		mg/Kg		112	78 - 120	3	30
Styrene			0.0200	0.0208		mg/Kg		104	80 - 120	3	30
tert-Butylbenzene			0.0200	0.0225		mg/Kg		112	80 - 120	2	30
Tetrachloroethene			0.0200	0.0198		mg/Kg		99	73 - 120	1	30
Toluene			0.0200	0.0207		mg/Kg		104	80 - 120	3	30
trans-1,2-Dichloroethene			0.0200	0.0216		mg/Kg		108	78 - 120	3	30
trans-1,3-Dichloropropene			0.0200	0.0189		mg/Kg		94	77 - 120	5	30
Trichloroethene			0.0200	0.0225		mg/Kg		113	80 - 120	7	30
Trichlorofluoromethane			0.0200	0.0222		mg/Kg		111	61 - 130	9	30
Vinyl chloride			0.0200	0.0268	*	mg/Kg		134	54 - 122	10	30
Xylenes, Total			0.0400	0.0410		mg/Kg		103	80 - 120	1	30

Surrogate	*LCSD %Recovery*	*LCSD Qualifier*	*Limits*
1,2-Dichloroethane-d4 (Surr)	*111*		*65 - 138*
4-Bromofluorobenzene	*88*		*71 - 128*
Dibromofluoromethane (Surr)	*106*		*50 - 150*
Toluene-d8 (Surr)	*100*		*71 - 126*

Method: 8260D - Volatile Organic Compounds by GC/MS (Continued)

Lab Sample ID: MB 460-1067457/36
Matrix: Solid
Analysis Batch: 1067457

Client Sample ID: Method Blank
Prep Type: Total/NA

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1-Trichloroethane	0.050	U	0.050	0.014	mg/Kg			10/10/25 18:32	50
1,1,2,2-Tetrachloroethane	0.050	U	0.050	0.0099	mg/Kg			10/10/25 18:32	50
1,1,2-Trichloro-1,2,2-trifluoroethane	0.050	U	0.050	0.017	mg/Kg			10/10/25 18:32	50
1,1,2-Trichloroethane	0.050	U	0.050	0.010	mg/Kg			10/10/25 18:32	50
1,1-Dichloroethane	0.050	U	0.050	0.012	mg/Kg			10/10/25 18:32	50
1,1-Dichloroethene	0.050	U	0.050	0.013	mg/Kg			10/10/25 18:32	50
1,2,3-Trichlorobenzene	0.050	U	0.050	0.018	mg/Kg			10/10/25 18:32	50
1,2,4-Trichlorobenzene	0.050	U	0.050	0.014	mg/Kg			10/10/25 18:32	50
1,2,4-Trimethylbenzene	0.050	U	0.050	0.012	mg/Kg			10/10/25 18:32	50
1,2-Dibromo-3-Chloropropane	0.050	U	0.050	0.011	mg/Kg			10/10/25 18:32	50
1,2-Dichlorobenzene	0.050	U	0.050	0.011	mg/Kg			10/10/25 18:32	50
1,2-Dichloroethane	0.050	U	0.050	0.013	mg/Kg			10/10/25 18:32	50
1,2-Dichloropropane	0.050	U	0.050	0.0090	mg/Kg			10/10/25 18:32	50
1,3,5-Trimethylbenzene	0.050	U	0.050	0.013	mg/Kg			10/10/25 18:32	50
1,3-Dichlorobenzene	0.050	U	0.050	0.017	mg/Kg			10/10/25 18:32	50
1,4-Dichlorobenzene	0.050	U	0.050	0.017	mg/Kg			10/10/25 18:32	50
2-Butanone (MEK)	0.25	U	0.25	0.11	mg/Kg			10/10/25 18:32	50
2-Hexanone	0.25	U	0.25	0.057	mg/Kg			10/10/25 18:32	50
4-Methyl-2-pentanone (MIBK)	0.25	U	0.25	0.065	mg/Kg			10/10/25 18:32	50
Acetone	0.25	U	0.25	0.22	mg/Kg			10/10/25 18:32	50
Benzene	0.050	U	0.050	0.010	mg/Kg			10/10/25 18:32	50
Bromoform	0.050	U	0.050	0.0090	mg/Kg			10/10/25 18:32	50
Bromomethane	0.050	U	0.050	0.028	mg/Kg			10/10/25 18:32	50
Carbon disulfide	0.050	U	0.050	0.034	mg/Kg			10/10/25 18:32	50
Carbon tetrachloride	0.050	U	0.050	0.017	mg/Kg			10/10/25 18:32	50
Chlorobenzene	0.050	U	0.050	0.012	mg/Kg			10/10/25 18:32	50
Chlorobromomethane	0.050	U	0.050	0.015	mg/Kg			10/10/25 18:32	50
Chlorodibromomethane	0.050	U	0.050	0.011	mg/Kg			10/10/25 18:32	50
Chloroethane	0.050	U	0.050	0.019	mg/Kg			10/10/25 18:32	50
Chloroform	0.050	U	0.050	0.011	mg/Kg			10/10/25 18:32	50
Chloromethane	0.050	U	0.050	0.020	mg/Kg			10/10/25 18:32	50
cis-1,2-Dichloroethene	0.050	U	0.050	0.013	mg/Kg			10/10/25 18:32	50
cis-1,3-Dichloropropene	0.050	U	0.050	0.011	mg/Kg			10/10/25 18:32	50
Cyclohexane	0.050	U	0.050	0.013	mg/Kg			10/10/25 18:32	50
Dichlorobromomethane	0.050	U	0.050	0.0075	mg/Kg			10/10/25 18:32	50
Dichlorodifluoromethane	0.050	U	0.050	0.016	mg/Kg			10/10/25 18:32	50
Ethylbenzene	0.050	U	0.050	0.015	mg/Kg			10/10/25 18:32	50
Ethylene Dibromide	0.050	U	0.050	0.0095	mg/Kg			10/10/25 18:32	50
Isopropylbenzene	0.050	U	0.050	0.016	mg/Kg			10/10/25 18:32	50
Methyl acetate	0.25	U	0.25	0.039	mg/Kg			10/10/25 18:32	50
Methyl tert-butyl ether	0.050	U	0.050	0.011	mg/Kg			10/10/25 18:32	50
Methylcyclohexane	0.050	U	0.050	0.036	mg/Kg			10/10/25 18:32	50
Methylene Chloride	0.050	U	0.050	0.011	mg/Kg			10/10/25 18:32	50
m-Xylene & p-Xylene	0.050	U	0.050	0.014	mg/Kg			10/10/25 18:32	50
n-Butylbenzene	0.050	U	0.050	0.014	mg/Kg			10/10/25 18:32	50
N-Propylbenzene	0.050	U	0.050	0.015	mg/Kg			10/10/25 18:32	50
o-Xylene	0.050	U	0.050	0.016	mg/Kg			10/10/25 18:32	50
sec-Butylbenzene	0.050	U	0.050	0.016	mg/Kg			10/10/25 18:32	50

Method: 8260D - Volatile Organic Compounds by GC/MS (Continued)

Lab Sample ID: MB 460-1067457/36
Matrix: Solid
Analysis Batch: 1067457

Client Sample ID: Method Blank
Prep Type: Total/NA

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Styrene	0.050	U	0.050	0.0085	mg/Kg			10/10/25 18:32	50
tert-Butylbenzene	0.050	U	0.050	0.014	mg/Kg			10/10/25 18:32	50
Tetrachloroethene	0.050	U	0.050	0.018	mg/Kg			10/10/25 18:32	50
Toluene	0.050	U	0.050	0.013	mg/Kg			10/10/25 18:32	50
trans-1,2-Dichloroethene	0.050	U	0.050	0.0090	mg/Kg			10/10/25 18:32	50
trans-1,3-Dichloropropene	0.050	U	0.050	0.011	mg/Kg			10/10/25 18:32	50
Trichloroethene	0.050	U	0.050	0.011	mg/Kg			10/10/25 18:32	50
Trichlorofluoromethane	0.050	U	0.050	0.016	mg/Kg			10/10/25 18:32	50
Vinyl chloride	0.050	U	0.050	0.010	mg/Kg			10/10/25 18:32	50
Xylenes, Total	0.10	U	0.10	0.014	mg/Kg			10/10/25 18:32	50

Surrogate	*MB %Recovery*	*MB Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,2-Dichloroethane-d4 (Surr)	*98*		*60 - 150*		*10/10/25 18:32*	*50*
4-Bromofluorobenzene	*99*		*70 - 150*		*10/10/25 18:32*	*50*
Dibromofluoromethane (Surr)	*95*		*68 - 150*		*10/10/25 18:32*	*50*
Toluene-d8 (Surr)	*99*		*64 - 157*		*10/10/25 18:32*	*50*

Lab Sample ID: LCS 460-1067457/34
Matrix: Solid
Analysis Batch: 1067457

Client Sample ID: Lab Control Sample
Prep Type: Total/NA

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
1,1,1-Trichloroethane	1.00	0.817		mg/Kg		82	76 - 120
1,1,2,2-Tetrachloroethane	1.00	0.857		mg/Kg		86	72 - 120
1,1,2-Trichloro-1,2,2-trifluoroethane	1.00	1.03		mg/Kg		103	79 - 120
1,1,2-Trichloroethane	1.00	0.871		mg/Kg		87	80 - 120
1,1-Dichloroethane	1.00	0.856		mg/Kg		86	70 - 120
1,1-Dichloroethene	1.00	0.833		mg/Kg		83	69 - 120
1,2,3-Trichlorobenzene	1.00	0.990		mg/Kg		99	80 - 137
1,2,4-Trichlorobenzene	1.00	1.01		mg/Kg		101	80 - 134
1,2,4-Trimethylbenzene	1.00	0.863		mg/Kg		86	75 - 120
1,2-Dibromo-3-Chloropropane	1.00	0.864		mg/Kg		86	68 - 134
1,2-Dichlorobenzene	1.00	0.891		mg/Kg		89	80 - 120
1,2-Dichloroethane	1.00	0.837		mg/Kg		84	72 - 124
1,2-Dichloropropane	1.00	0.808		mg/Kg		81	74 - 120
1,3,5-Trimethylbenzene	1.00	0.841		mg/Kg		84	71 - 120
1,3-Dichlorobenzene	1.00	0.876		mg/Kg		88	80 - 120
1,4-Dichlorobenzene	1.00	0.838		mg/Kg		84	80 - 120
2-Butanone (MEK)	5.00	4.69		mg/Kg		94	64 - 121
2-Hexanone	5.00	6.63	*	mg/Kg		133	70 - 120
4-Methyl-2-pentanone (MIBK)	5.00	5.78		mg/Kg		116	64 - 127
Acetone	5.00	5.25		mg/Kg		105	52 - 127
Benzene	1.00	0.854		mg/Kg		85	75 - 120
Bromoform	1.00	0.848		mg/Kg		85	68 - 122
Bromomethane	1.00	0.828		mg/Kg		83	16 - 125
Carbon disulfide	1.00	0.746		mg/Kg		75	59 - 127
Carbon tetrachloride	1.00	0.820		mg/Kg		82	77 - 120
Chlorobenzene	1.00	0.836		mg/Kg		84	80 - 120

Method: 8260D - Volatile Organic Compounds by GC/MS (Continued)

Lab Sample ID: LCS 460-1067457/34
Matrix: Solid
Analysis Batch: 1067457

Client Sample ID: Lab Control Sample
Prep Type: Total/NA

Analyte			Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits		
Chlorobromomethane			1.00	0.872		mg/Kg		87	77 - 120		
Chlorodibromomethane			1.00	0.850		mg/Kg		85	80 - 120		
Chloroethane			1.00	0.814		mg/Kg		81	61 - 140		
Chloroform			1.00	0.888		mg/Kg		89	73 - 120		
Chloromethane			1.00	0.801		mg/Kg		80	42 - 136		
cis-1,2-Dichloroethene			1.00	0.833		mg/Kg		83	73 - 120		
cis-1,3-Dichloropropene			1.00	0.918		mg/Kg		92	79 - 120		
Cyclohexane			1.00	0.898		mg/Kg		90	76 - 125		
Dichlorobromomethane			1.00	0.852		mg/Kg		85	77 - 120		
Dichlorodifluoromethane			1.00	0.877		mg/Kg		88	39 - 140		
Ethylbenzene			1.00	0.874		mg/Kg		87	80 - 121		
Ethylene Dibromide			1.00	0.893		mg/Kg		89	80 - 120		
Isopropylbenzene			1.00	0.905		mg/Kg		91	74 - 125		
Methyl acetate			2.00	2.51		mg/Kg		125	40 - 130		
Methyl tert-butyl ether			1.00	0.858		mg/Kg		86	77 - 125		
Methylcyclohexane			1.00	0.884		mg/Kg		88	75 - 127		
Methylene Chloride			1.00	0.896		mg/Kg		90	73 - 120		
m-Xylene & p-Xylene			1.00	0.838		mg/Kg		84	79 - 120		
n-Butylbenzene			1.00	0.940		mg/Kg		94	68 - 120		
N-Propylbenzene			1.00	0.859		mg/Kg		86	68 - 120		
o-Xylene			1.00	0.866		mg/Kg		87	80 - 123		
sec-Butylbenzene			1.00	0.882		mg/Kg		88	77 - 126		
Styrene			1.00	0.852		mg/Kg		85	80 - 124		
tert-Butylbenzene			1.00	0.589	*	mg/Kg		59	80 - 120		
Tetrachloroethene			1.00	0.792		mg/Kg		79	78 - 120		
Toluene			1.00	0.848		mg/Kg		85	80 - 120		
trans-1,2-Dichloroethene			1.00	0.839		mg/Kg		84	70 - 120		
trans-1,3-Dichloropropene			1.00	0.913		mg/Kg		91	73 - 120		
Trichloroethene			1.00	0.813		mg/Kg		81	77 - 120		
Trichlorofluoromethane			1.00	0.920		mg/Kg		92	61 - 143		
Vinyl chloride			1.00	0.832		mg/Kg		83	50 - 131		
Xylenes, Total			2.00	1.70		mg/Kg		85	80 - 120		

Surrogate	*LCS %Recovery*	*LCS Qualifier*	*Limits*
1,2-Dichloroethane-d4 (Surr)	*94*		*60 - 150*
4-Bromofluorobenzene	*98*		*70 - 150*
Dibromofluoromethane (Surr)	*94*		*68 - 150*
Toluene-d8 (Surr)	*94*		*64 - 157*

Lab Sample ID: LCSD 460-1067457/35
Matrix: Solid
Analysis Batch: 1067457

Client Sample ID: Lab Control Sample Dup
Prep Type: Total/NA

Analyte			Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
1,1,1-Trichloroethane			1.00	0.896		mg/Kg		90	76 - 120	9	30
1,1,2,2-Tetrachloroethane			1.00	0.849		mg/Kg		85	72 - 120	1	30
1,1,2-Trichloro-1,2,2-trifluoroethane			1.00	1.11		mg/Kg		111	79 - 120	8	30
1,1,2-Trichloroethane			1.00	0.852		mg/Kg		85	80 - 120	2	30

Method: 8260D - Volatile Organic Compounds by GC/MS (Continued)

Lab Sample ID: LCSD 460-1067457/35
Matrix: Solid
Analysis Batch: 1067457

Client Sample ID: Lab Control Sample Dup
Prep Type: Total/NA

Analyte	Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
1,1-Dichloroethane	1.00	0.876		mg/Kg		88	70 - 120	2	30
1,1-Dichloroethene	1.00	0.923		mg/Kg		92	69 - 120	10	30
1,2,3-Trichlorobenzene	1.00	1.01		mg/Kg		101	80 - 137	2	30
1,2,4-Trichlorobenzene	1.00	1.02		mg/Kg		102	80 - 134	1	30
1,2,4-Trimethylbenzene	1.00	0.934		mg/Kg		93	75 - 120	8	30
1,2-Dibromo-3-Chloropropane	1.00	0.887		mg/Kg		89	68 - 134	3	30
1,2-Dichlorobenzene	1.00	0.897		mg/Kg		90	80 - 120	1	30
1,2-Dichloroethane	1.00	0.815		mg/Kg		81	72 - 124	3	30
1,2-Dichloropropane	1.00	0.832		mg/Kg		83	74 - 120	3	30
1,3,5-Trimethylbenzene	1.00	0.905		mg/Kg		90	71 - 120	7	30
1,3-Dichlorobenzene	1.00	0.876		mg/Kg		88	80 - 120	0	30
1,4-Dichlorobenzene	1.00	0.847		mg/Kg		85	80 - 120	1	30
2-Butanone (MEK)	5.00	4.75		mg/Kg		95	64 - 121	1	30
2-Hexanone	5.00	6.79	*	mg/Kg		136	70 - 120	2	30
4-Methyl-2-pentanone (MIBK)	5.00	5.48		mg/Kg		110	64 - 127	5	30
Acetone	5.00	5.42		mg/Kg		108	52 - 127	3	30
Benzene	1.00	0.898		mg/Kg		90	75 - 120	5	30
Bromoform	1.00	0.819		mg/Kg		82	68 - 122	3	30
Bromomethane	1.00	0.851		mg/Kg		85	16 - 125	3	30
Carbon disulfide	1.00	0.838		mg/Kg		84	59 - 127	12	30
Carbon tetrachloride	1.00	0.884		mg/Kg		88	77 - 120	7	30
Chlorobenzene	1.00	0.843		mg/Kg		84	80 - 120	1	30
Chlorobromomethane	1.00	0.858		mg/Kg		86	77 - 120	2	30
Chlorodibromomethane	1.00	0.831		mg/Kg		83	80 - 120	2	30
Chloroethane	1.00	0.823		mg/Kg		82	61 - 140	1	30
Chloroform	1.00	0.898		mg/Kg		90	73 - 120	1	30
Chloromethane	1.00	0.854		mg/Kg		85	42 - 136	6	30
cis-1,2-Dichloroethene	1.00	0.893		mg/Kg		89	73 - 120	7	30
cis-1,3-Dichloropropene	1.00	0.875		mg/Kg		87	79 - 120	5	30
Cyclohexane	1.00	0.941		mg/Kg		94	76 - 125	5	30
Dichlorobromomethane	1.00	0.891		mg/Kg		89	77 - 120	5	30
Dichlorodifluoromethane	1.00	0.967		mg/Kg		97	39 - 140	10	30
Ethylbenzene	1.00	0.906		mg/Kg		91	80 - 121	4	30
Ethylene Dibromide	1.00	0.840		mg/Kg		84	80 - 120	6	30
Isopropylbenzene	1.00	0.973		mg/Kg		97	74 - 125	7	30
Methyl acetate	2.00	2.36		mg/Kg		118	40 - 130	6	30
Methyl tert-butyl ether	1.00	0.898		mg/Kg		90	77 - 125	5	30
Methylcyclohexane	1.00	0.977		mg/Kg		98	75 - 127	10	30
Methylene Chloride	1.00	0.910		mg/Kg		91	73 - 120	2	30
m-Xylene & p-Xylene	1.00	0.882		mg/Kg		88	79 - 120	5	30
n-Butylbenzene	1.00	0.973		mg/Kg		97	68 - 120	3	30
N-Propylbenzene	1.00	0.915		mg/Kg		92	68 - 120	6	30
o-Xylene	1.00	0.911		mg/Kg		91	80 - 123	5	30
sec-Butylbenzene	1.00	0.909		mg/Kg		91	77 - 126	3	30
Styrene	1.00	0.889		mg/Kg		89	80 - 124	4	30
tert-Butylbenzene	1.00	0.574	*	mg/Kg		57	80 - 120	3	30
Tetrachloroethene	1.00	0.831		mg/Kg		83	78 - 120	5	30
Toluene	1.00	0.874		mg/Kg		87	80 - 120	3	30
trans-1,2-Dichloroethene	1.00	0.898		mg/Kg		90	70 - 120	7	30

Method: 8260D - Volatile Organic Compounds by GC/MS (Continued)

Lab Sample ID: LCSD 460-1067457/35
Matrix: Solid
Analysis Batch: 1067457

Client Sample ID: Lab Control Sample Dup
Prep Type: Total/NA

Analyte			Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
trans-1,3-Dichloropropene			1.00	0.814		mg/Kg		81	73 - 120	11	30
Trichloroethene			1.00	0.859		mg/Kg		86	77 - 120	5	30
Trichlorofluoromethane			1.00	0.986		mg/Kg		99	61 - 143	7	30
Vinyl chloride			1.00	0.905		mg/Kg		91	50 - 131	8	30
Xylenes, Total			2.00	1.79		mg/Kg		90	80 - 120	5	30

Surrogate	*LCSD %Recovery*	*LCSD Qualifier*	*Limits*
1,2-Dichloroethane-d4 (Surr)	*97*		*60 - 150*
4-Bromofluorobenzene	*105*		*70 - 150*
Dibromofluoromethane (Surr)	*106*		*68 - 150*
Toluene-d8 (Surr)	*106*		*64 - 157*

Method: 8270E - Semivolatile Organic Compounds (GC/MS)

Lab Sample ID: MB 460-1066067/1-A
Matrix: Solid
Analysis Batch: 1066169

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 1066067

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1'-Biphenyl	0.33	U	0.33	0.012	mg/Kg		10/05/25 13:19	10/06/25 08:45	1
1,2,4,5-Tetrachlorobenzene	0.33	U	0.33	0.010	mg/Kg		10/05/25 13:19	10/06/25 08:45	1
1,4-Dioxane	0.033	U	0.033	0.029	mg/Kg		10/05/25 13:19	10/06/25 08:45	1
2,2'-oxybis[1-chloropropane]	0.33	U	0.33	0.020	mg/Kg		10/05/25 13:19	10/06/25 08:45	1
2,3,4,6-Tetrachlorophenol	0.33	U	0.33	0.022	mg/Kg		10/05/25 13:19	10/06/25 08:45	1
2,4,5-Trichlorophenol	0.33	U	0.33	0.034	mg/Kg		10/05/25 13:19	10/06/25 08:45	1
2,4,6-Trichlorophenol	0.13	U	0.13	0.042	mg/Kg		10/05/25 13:19	10/06/25 08:45	1
2,4-Dichlorophenol	0.13	U	0.13	0.021	mg/Kg		10/05/25 13:19	10/06/25 08:45	1
2,4-Dimethylphenol	0.33	U	0.33	0.039	mg/Kg		10/05/25 13:19	10/06/25 08:45	1
2,4-Dinitrophenol	0.27	U	0.27	0.16	mg/Kg		10/05/25 13:19	10/06/25 08:45	1
2,4-Dinitrotoluene	0.067	U	0.067	0.036	mg/Kg		10/05/25 13:19	10/06/25 08:45	1
2,6-Dinitrotoluene	0.067	U	0.067	0.024	mg/Kg		10/05/25 13:19	10/06/25 08:45	1
2-Chloronaphthalene	0.33	U	0.33	0.043	mg/Kg		10/05/25 13:19	10/06/25 08:45	1
2-Chlorophenol	0.33	U	0.33	0.012	mg/Kg		10/05/25 13:19	10/06/25 08:45	1
2-Methylnaphthalene	0.33	U	0.33	0.0093	mg/Kg		10/05/25 13:19	10/06/25 08:45	1
2-Methylphenol	0.33	U	0.33	0.012	mg/Kg		10/05/25 13:19	10/06/25 08:45	1
2-Nitroaniline	0.33	U	0.33	0.025	mg/Kg		10/05/25 13:19	10/06/25 08:45	1
2-Nitrophenol	0.33	U	0.33	0.033	mg/Kg		10/05/25 13:19	10/06/25 08:45	1
3 & 4 Methylphenol	0.33	U	0.33	0.021	mg/Kg		10/05/25 13:19	10/06/25 08:45	1
3,3'-Dichlorobenzidine	0.13	U	0.13	0.050	mg/Kg		10/05/25 13:19	10/06/25 08:45	1
3-Nitroaniline	0.33	U	0.33	0.079	mg/Kg		10/05/25 13:19	10/06/25 08:45	1
4,6-Dinitro-2-methylphenol	0.27	U	0.27	0.14	mg/Kg		10/05/25 13:19	10/06/25 08:45	1
4-Bromophenyl phenyl ether	0.33	U	0.33	0.013	mg/Kg		10/05/25 13:19	10/06/25 08:45	1
4-Chloro-3-methylphenol	0.33	U	0.33	0.019	mg/Kg		10/05/25 13:19	10/06/25 08:45	1
4-Chloroaniline	0.33	U	0.33	0.059	mg/Kg		10/05/25 13:19	10/06/25 08:45	1
4-Chlorophenyl phenyl ether	0.33	U	0.33	0.012	mg/Kg		10/05/25 13:19	10/06/25 08:45	1
4-Methylphenol	0.33	U	0.33	0.021	mg/Kg		10/05/25 13:19	10/06/25 08:45	1
4-Nitroaniline	0.33	U	0.33	0.084	mg/Kg		10/05/25 13:19	10/06/25 08:45	1
4-Nitrophenol	0.67	U	0.67	0.054	mg/Kg		10/05/25 13:19	10/06/25 08:45	1
Acenaphthene	0.33	U	0.33	0.0094	mg/Kg		10/05/25 13:19	10/06/25 08:45	1

Method: 8270E - Semivolatile Organic Compounds (GC/MS) (Continued)

Lab Sample ID: MB 460-1066067/1-A
Matrix: Solid
Analysis Batch: 1066169

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 1066067

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Acenaphthylene	0.33	U	0.33	0.0095	mg/Kg		10/05/25 13:19	10/06/25 08:45	1
Acetophenone	0.33	U	0.33	0.016	mg/Kg		10/05/25 13:19	10/06/25 08:45	1
Anthracene	0.33	U	0.33	0.010	mg/Kg		10/05/25 13:19	10/06/25 08:45	1
Atrazine	0.13	U	0.13	0.019	mg/Kg		10/05/25 13:19	10/06/25 08:45	1
Benzaldehyde	0.33	U	0.33	0.055	mg/Kg		10/05/25 13:19	10/06/25 08:45	1
Benzo[a]anthracene	0.033	U	0.033	0.025	mg/Kg		10/05/25 13:19	10/06/25 08:45	1
Benzo[a]pyrene	0.033	U	0.033	0.0088	mg/Kg		10/05/25 13:19	10/06/25 08:45	1
Benzo[b]fluoranthene	0.033	U	0.033	0.0086	mg/Kg		10/05/25 13:19	10/06/25 08:45	1
Benzo[g,h,i]perylene	0.33	U	0.33	0.0098	mg/Kg		10/05/25 13:19	10/06/25 08:45	1
Benzo[k]fluoranthene	0.033	U	0.033	0.0065	mg/Kg		10/05/25 13:19	10/06/25 08:45	1
Bis(2-chloroethoxy)methane	0.33	U	0.33	0.061	mg/Kg		10/05/25 13:19	10/06/25 08:45	1
Bis(2-chloroethyl)ether	0.033	U	0.033	0.012	mg/Kg		10/05/25 13:19	10/06/25 08:45	1
Bis(2-ethylhexyl) phthalate	0.33	U	0.33	0.017	mg/Kg		10/05/25 13:19	10/06/25 08:45	1
Butyl benzyl phthalate	0.33	U	0.33	0.016	mg/Kg		10/05/25 13:19	10/06/25 08:45	1
Caprolactam	0.33	U	0.33	0.051	mg/Kg		10/05/25 13:19	10/06/25 08:45	1
Carbazole	0.33	U	0.33	0.013	mg/Kg		10/05/25 13:19	10/06/25 08:45	1
Chrysene	0.33	U	0.33	0.014	mg/Kg		10/05/25 13:19	10/06/25 08:45	1
Dibenz(a,h)anthracene	0.033	U	0.033	0.014	mg/Kg		10/05/25 13:19	10/06/25 08:45	1
Dibenzofuran	0.33	U	0.33	0.011	mg/Kg		10/05/25 13:19	10/06/25 08:45	1
Diethyl phthalate	0.33	U	0.33	0.011	mg/Kg		10/05/25 13:19	10/06/25 08:45	1
Dimethyl phthalate	0.33	U	0.33	0.075	mg/Kg		10/05/25 13:19	10/06/25 08:45	1
Di-n-butyl phthalate	0.33	U	0.33	0.012	mg/Kg		10/05/25 13:19	10/06/25 08:45	1
Di-n-octyl phthalate	0.33	U	0.33	0.018	mg/Kg		10/05/25 13:19	10/06/25 08:45	1
Fluoranthene	0.33	U	0.33	0.012	mg/Kg		10/05/25 13:19	10/06/25 08:45	1
Fluorene	0.33	U	0.33	0.0097	mg/Kg		10/05/25 13:19	10/06/25 08:45	1
Hexachlorobenzene	0.033	U	0.033	0.016	mg/Kg		10/05/25 13:19	10/06/25 08:45	1
Hexachlorobutadiene	0.067	U	0.067	0.0070	mg/Kg		10/05/25 13:19	10/06/25 08:45	1
Hexachlorocyclopentadiene	0.33	U	0.33	0.029	mg/Kg		10/05/25 13:19	10/06/25 08:45	1
Hexachloroethane	0.033	U	0.033	0.011	mg/Kg		10/05/25 13:19	10/06/25 08:45	1
Indeno[1,2,3-cd]pyrene	0.033	U	0.033	0.013	mg/Kg		10/05/25 13:19	10/06/25 08:45	1
Isophorone	0.13	U	0.13	0.096	mg/Kg		10/05/25 13:19	10/06/25 08:45	1
Naphthalene	0.33	U	0.33	0.0057	mg/Kg		10/05/25 13:19	10/06/25 08:45	1
Nitrobenzene	0.033	U	0.033	0.018	mg/Kg		10/05/25 13:19	10/06/25 08:45	1
N-Nitrosodi-n-propylamine	0.033	U	0.033	0.024	mg/Kg		10/05/25 13:19	10/06/25 08:45	1
N-Nitrosodiphenylamine	0.33	U	0.33	0.027	mg/Kg		10/05/25 13:19	10/06/25 08:45	1
Pentachlorophenol	0.27	U	0.27	0.068	mg/Kg		10/05/25 13:19	10/06/25 08:45	1
Phenanthrene	0.33	U	0.33	0.014	mg/Kg		10/05/25 13:19	10/06/25 08:45	1
Phenol	0.33	U	0.33	0.012	mg/Kg		10/05/25 13:19	10/06/25 08:45	1
Pyrene	0.33	U	0.33	0.0082	mg/Kg		10/05/25 13:19	10/06/25 08:45	1

Surrogate	*MB %Recovery*	*MB Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
2,4,6-Tribromophenol (Surr)	*90*		*18 - 137*	*10/05/25 13:19*	*10/06/25 08:45*	*1*
2-Fluorobiphenyl	*93*		*33 - 117*	*10/05/25 13:19*	*10/06/25 08:45*	*1*
2-Fluorophenol (Surr)	*95*		*24 - 120*	*10/05/25 13:19*	*10/06/25 08:45*	*1*
Nitrobenzene-d5 (Surr)	*94*		*27 - 120*	*10/05/25 13:19*	*10/06/25 08:45*	*1*
Phenol-d5 (Surr)	*99*		*28 - 118*	*10/05/25 13:19*	*10/06/25 08:45*	*1*
Terphenyl-d14 (Surr)	*106*		*33 - 124*	*10/05/25 13:19*	*10/06/25 08:45*	*1*

Method: 8270E - Semivolatile Organic Compounds (GC/MS) (Continued)

Lab Sample ID: LCS 460-1066067/2-A
Matrix: Solid
Analysis Batch: 1066169

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 1066067

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
1,1'-Biphenyl	3.33	3.00		mg/Kg		90	64 - 120
1,2,4,5-Tetrachlorobenzene	3.33	2.96		mg/Kg		89	60 - 120
1,4-Dioxane	3.33	2.27		mg/Kg		68	31 - 105
2,2'-oxybis[1-chloropropane]	3.33	3.22		mg/Kg		97	50 - 126
2,3,4,6-Tetrachlorophenol	3.33	2.95		mg/Kg		89	62 - 120
2,4,5-Trichlorophenol	3.33	3.12		mg/Kg		94	64 - 120
2,4,6-Trichlorophenol	3.33	3.07		mg/Kg		92	65 - 120
2,4-Dichlorophenol	3.33	3.23		mg/Kg		97	66 - 120
2,4-Dimethylphenol	3.33	3.21		mg/Kg		96	75 - 136
2,4-Dinitrophenol	6.67	6.80		mg/Kg		102	41 - 120
2,4-Dinitrotoluene	3.33	3.42		mg/Kg		103	65 - 124
2,6-Dinitrotoluene	3.33	3.46		mg/Kg		104	67 - 121
2-Chloronaphthalene	3.33	3.00		mg/Kg		90	64 - 120
2-Chlorophenol	3.33	3.26		mg/Kg		98	63 - 120
2-Methylnaphthalene	3.33	3.16		mg/Kg		95	56 - 102
2-Methylphenol	3.33	3.12		mg/Kg		94	63 - 120
2-Nitroaniline	3.33	2.79		mg/Kg		84	52 - 120
2-Nitrophenol	3.33	3.51		mg/Kg		105	64 - 120
3 & 4 Methylphenol	3.33	3.15		mg/Kg		95	61 - 120
3,3'-Dichlorobenzidine	3.33	1.88		mg/Kg		56	10 - 106
3-Nitroaniline	3.33	2.49		mg/Kg		75	18 - 105
4,6-Dinitro-2-methylphenol	6.67	7.03		mg/Kg		105	61 - 127
4-Bromophenyl phenyl ether	3.33	3.30		mg/Kg		99	64 - 120
4-Chloro-3-methylphenol	3.33	3.17		mg/Kg		95	68 - 120
4-Chloroaniline	3.33	1.82		mg/Kg		55	10 - 107
4-Chlorophenyl phenyl ether	3.33	2.97		mg/Kg		89	62 - 120
4-Methylphenol	3.33	3.15		mg/Kg		95	61 - 120
4-Nitroaniline	3.33	2.74		mg/Kg		82	51 - 112
4-Nitrophenol	6.67	5.46		mg/Kg		82	52 - 122
Acenaphthene	3.33	2.91		mg/Kg		87	65 - 120
Acenaphthylene	3.33	3.06		mg/Kg		92	68 - 120
Acetophenone	3.33	3.07		mg/Kg		92	61 - 111
Anthracene	3.33	3.23		mg/Kg		97	67 - 120
Atrazine	1.33	2.24	*	mg/Kg		168	52 - 150
Benzaldehyde	1.33	2.06	*	mg/Kg		155	45 - 150
Benzo[a]anthracene	3.33	3.20		mg/Kg		96	66 - 120
Benzo[a]pyrene	3.33	3.21		mg/Kg		96	69 - 123
Benzo[b]fluoranthene	3.33	3.23		mg/Kg		97	66 - 125
Benzo[g,h,i]perylene	3.33	3.23		mg/Kg		97	66 - 138
Benzo[k]fluoranthene	3.33	3.12		mg/Kg		94	67 - 122
Bis(2-chloroethoxy)methane	3.33	3.13		mg/Kg		94	62 - 120
Bis(2-chloroethyl)ether	3.33	3.19		mg/Kg		96	60 - 120
Bis(2-ethylhexyl) phthalate	3.33	3.51		mg/Kg		105	64 - 125
Butyl benzyl phthalate	3.33	3.79		mg/Kg		114	62 - 127
Caprolactam	1.33	2.26	*	mg/Kg		170	46 - 150
Carbazole	3.33	3.22		mg/Kg		97	64 - 120
Chrysene	3.33	3.29		mg/Kg		99	67 - 120
Dibenz(a,h)anthracene	3.33	3.47		mg/Kg		104	66 - 128

Method: 8270E - Semivolatile Organic Compounds (GC/MS) (Continued)

Lab Sample ID: LCS 460-1066067/2-A
Matrix: Solid
Analysis Batch: 1066169

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 1066067

Analyte			Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits		
Dibenzofuran			3.33	2.95		mg/Kg		89	61 - 120		
Diethyl phthalate			3.33	2.95		mg/Kg		89	63 - 120		
Dimethyl phthalate			3.33	3.03		mg/Kg		91	65 - 120		
Di-n-butyl phthalate			3.33	3.51		mg/Kg		105	61 - 120		
Di-n-octyl phthalate			3.33	3.66		mg/Kg		110	61 - 123		
Fluoranthene			3.33	3.11		mg/Kg		93	61 - 120		
Fluorene			3.33	2.97		mg/Kg		89	64 - 120		
Hexachlorobenzene			3.33	3.24		mg/Kg		97	66 - 120		
Hexachlorobutadiene			3.33	3.06		mg/Kg		92	62 - 120		
Hexachlorocyclopentadiene			3.33	2.85		mg/Kg		86	32 - 150		
Hexachloroethane			3.33	3.13		mg/Kg		94	61 - 112		
Indeno[1,2,3-cd]pyrene			3.33	3.41		mg/Kg		102	63 - 137		
Isophorone			3.33	3.16		mg/Kg		95	61 - 120		
Naphthalene			3.33	3.08		mg/Kg		92	63 - 113		
Nitrobenzene			3.33	3.18		mg/Kg		95	63 - 120		
N-Nitrosodi-n-propylamine			3.33	3.15		mg/Kg		95	60 - 120		
N-Nitrosodiphenylamine			3.33	3.32		mg/Kg		100	63 - 120		
Pentachlorophenol			6.67	6.14		mg/Kg		92	61 - 126		
Phenanthrene			3.33	3.27		mg/Kg		98	66 - 120		
Phenol			3.33	3.20		mg/Kg		96	63 - 120		
Pyrene			3.33	3.45		mg/Kg		103	61 - 121		

Surrogate	*LCS %Recovery*	*LCS Qualifier*	*Limits*
2,4,6-Tribromophenol (Surr)	*70*		*18 - 137*
2-Fluorobiphenyl	*72*		*33 - 117*
2-Fluorophenol (Surr)	*75*		*24 - 120*
Nitrobenzene-d5 (Surr)	*78*		*27 - 120*
Phenol-d5 (Surr)	*76*		*28 - 118*
Terphenyl-d14 (Surr)	*80*		*33 - 124*

Lab Sample ID: LCSD 460-1066067/3-A
Matrix: Solid
Analysis Batch: 1066169

Client Sample ID: Lab Control Sample Dup
Prep Type: Total/NA
Prep Batch: 1066067

Analyte			Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
1,1'-Biphenyl			3.33	3.07		mg/Kg		92	64 - 120	2	30
1,2,4,5-Tetrachlorobenzene			3.33	3.10		mg/Kg		93	60 - 120	4	30
1,4-Dioxane			3.33	2.45		mg/Kg		73	31 - 105	8	30
2,2'-oxybis[1-chloropropane]			3.33	3.38		mg/Kg		101	50 - 126	5	30
2,3,4,6-Tetrachlorophenol			3.33	3.14		mg/Kg		94	62 - 120	6	30
2,4,5-Trichlorophenol			3.33	3.16		mg/Kg		95	64 - 120	1	30
2,4,6-Trichlorophenol			3.33	3.09		mg/Kg		93	65 - 120	1	30
2,4-Dichlorophenol			3.33	3.33		mg/Kg		100	66 - 120	3	30
2,4-Dimethylphenol			3.33	3.27		mg/Kg		98	75 - 136	2	30
2,4-Dinitrophenol			6.67	7.15		mg/Kg		107	41 - 120	5	30
2,4-Dinitrotoluene			3.33	3.59		mg/Kg		108	65 - 124	5	30
2,6-Dinitrotoluene			3.33	3.54		mg/Kg		106	67 - 121	2	30
2-Chloronaphthalene			3.33	3.13		mg/Kg		94	64 - 120	4	30

Method: 8270E - Semivolatile Organic Compounds (GC/MS) (Continued)

Lab Sample ID: LCSD 460-1066067/3-A
Matrix: Solid
Analysis Batch: 1066169

Client Sample ID: Lab Control Sample Dup
Prep Type: Total/NA
Prep Batch: 1066067

Analyte			Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
2-Chlorophenol			3.33	3.27		mg/Kg		98	63 - 120	0	30
2-Methylnaphthalene			3.33	3.27		mg/Kg		98	56 - 102	3	30
2-Methylphenol			3.33	3.21		mg/Kg		96	63 - 120	3	30
2-Nitroaniline			3.33	2.86		mg/Kg		86	52 - 120	3	30
2-Nitrophenol			3.33	3.62		mg/Kg		108	64 - 120	3	30
3 & 4 Methylphenol			3.33	3.20		mg/Kg		96	61 - 120	1	30
3,3'-Dichlorobenzidine			3.33	1.90		mg/Kg		57	10 - 106	1	30
3-Nitroaniline			3.33	2.63		mg/Kg		79	18 - 105	6	30
4,6-Dinitro-2-methylphenol			6.67	7.08		mg/Kg		106	61 - 127	1	30
4-Bromophenyl phenyl ether			3.33	3.37		mg/Kg		101	64 - 120	2	30
4-Chloro-3-methylphenol			3.33	3.19		mg/Kg		96	68 - 120	1	30
4-Chloroaniline			3.33	1.94		mg/Kg		58	10 - 107	6	30
4-Chlorophenyl phenyl ether			3.33	3.13		mg/Kg		94	62 - 120	5	30
4-Methylphenol			3.33	3.20		mg/Kg		96	61 - 120	1	30
4-Nitroaniline			3.33	2.84		mg/Kg		85	51 - 112	4	30
4-Nitrophenol			6.67	5.78		mg/Kg		87	52 - 122	6	30
Acenaphthene			3.33	3.01		mg/Kg		90	65 - 120	3	30
Acenaphthylene			3.33	3.14		mg/Kg		94	68 - 120	3	30
Acetophenone			3.33	3.13		mg/Kg		94	61 - 111	2	30
Anthracene			3.33	3.23		mg/Kg		97	67 - 120	0	30
Atrazine			1.33	1.84		mg/Kg		138	52 - 150	20	30
Benzaldehyde			1.33	1.64		mg/Kg		123	45 - 150	23	30
Benzo[a]anthracene			3.33	3.29		mg/Kg		99	66 - 120	3	30
Benzo[a]pyrene			3.33	3.36		mg/Kg		101	69 - 123	4	30
Benzo[b]fluoranthene			3.33	3.43		mg/Kg		103	66 - 125	6	30
Benzo[g,h,i]perylene			3.33	3.19		mg/Kg		96	66 - 138	1	30
Benzo[k]fluoranthene			3.33	3.25		mg/Kg		97	67 - 122	4	30
Bis(2-chloroethoxy)methane			3.33	3.28		mg/Kg		99	62 - 120	5	30
Bis(2-chloroethyl)ether			3.33	3.28		mg/Kg		98	60 - 120	3	30
Bis(2-ethylhexyl) phthalate			3.33	3.68		mg/Kg		110	64 - 125	5	30
Butyl benzyl phthalate			3.33	4.02		mg/Kg		121	62 - 127	6	30
Caprolactam			1.33	1.83		mg/Kg		137	46 - 150	21	30
Carbazole			3.33	3.26		mg/Kg		98	64 - 120	1	30
Chrysene			3.33	3.34		mg/Kg		100	67 - 120	1	30
Dibenz(a,h)anthracene			3.33	3.49		mg/Kg		105	66 - 128	1	30
Dibenzofuran			3.33	3.08		mg/Kg		92	61 - 120	4	30
Diethyl phthalate			3.33	3.09		mg/Kg		93	63 - 120	5	30
Dimethyl phthalate			3.33	3.15		mg/Kg		94	65 - 120	4	30
Di-n-butyl phthalate			3.33	3.63		mg/Kg		109	61 - 120	3	30
Di-n-octyl phthalate			3.33	4.03		mg/Kg		121	61 - 123	10	30
Fluoranthene			3.33	3.18		mg/Kg		95	61 - 120	2	30
Fluorene			3.33	3.06		mg/Kg		92	64 - 120	3	30
Hexachlorobenzene			3.33	3.27		mg/Kg		98	66 - 120	1	30
Hexachlorobutadiene			3.33	3.19		mg/Kg		96	62 - 120	4	30
Hexachlorocyclopentadiene			3.33	3.01		mg/Kg		90	32 - 150	5	30
Hexachloroethane			3.33	3.20		mg/Kg		96	61 - 112	2	30
Indeno[1,2,3-cd]pyrene			3.33	3.43		mg/Kg		103	63 - 137	1	30
Isophorone			3.33	3.27		mg/Kg		98	61 - 120	3	30
Naphthalene			3.33	3.16		mg/Kg		95	63 - 113	3	30

Method: 8270E - Semivolatile Organic Compounds (GC/MS) (Continued)

Lab Sample ID: LCSD 460-1066067/3-A
Matrix: Solid
Analysis Batch: 1066169

Client Sample ID: Lab Control Sample Dup
Prep Type: Total/NA
Prep Batch: 1066067

Analyte			Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Nitrobenzene			3.33	3.25		mg/Kg		98	63 - 120	2	30
N-Nitrosodi-n-propylamine			3.33	3.26		mg/Kg		98	60 - 120	3	30
N-Nitrosodiphenylamine			3.33	3.34		mg/Kg		100	63 - 120	1	30
Pentachlorophenol			6.67	6.25		mg/Kg		94	61 - 126	2	30
Phenanthrene			3.33	3.25		mg/Kg		98	66 - 120	0	30
Phenol			3.33	3.19		mg/Kg		96	63 - 120	0	30
Pyrene			3.33	3.54		mg/Kg		106	61 - 121	3	30

Surrogate	*LCSD %Recovery*	*LCSD Qualifier*	*Limits*
2,4,6-Tribromophenol (Surr)	*74*		*18 - 137*
2-Fluorobiphenyl	*74*		*33 - 117*
2-Fluorophenol (Surr)	*74*		*24 - 120*
Nitrobenzene-d5 (Surr)	*79*		*27 - 120*
Phenol-d5 (Surr)	*76*		*28 - 118*
Terphenyl-d14 (Surr)	*83*		*33 - 124*

Lab Sample ID: MB 460-1066069/1-A
Matrix: Solid
Analysis Batch: 1066166

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 1066069

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1'-Biphenyl	0.33	U	0.33	0.012	mg/Kg		10/05/25 13:28	10/06/25 08:10	1
1,2,4,5-Tetrachlorobenzene	0.33	U	0.33	0.010	mg/Kg		10/05/25 13:28	10/06/25 08:10	1
1,4-Dioxane	0.033	U	0.033	0.029	mg/Kg		10/05/25 13:28	10/06/25 08:10	1
2,2'-oxybis[1-chloropropane]	0.33	U	0.33	0.020	mg/Kg		10/05/25 13:28	10/06/25 08:10	1
2,3,4,6-Tetrachlorophenol	0.33	U	0.33	0.022	mg/Kg		10/05/25 13:28	10/06/25 08:10	1
2,4,5-Trichlorophenol	0.33	U	0.33	0.034	mg/Kg		10/05/25 13:28	10/06/25 08:10	1
2,4,6-Trichlorophenol	0.13	U	0.13	0.042	mg/Kg		10/05/25 13:28	10/06/25 08:10	1
2,4-Dichlorophenol	0.13	U	0.13	0.021	mg/Kg		10/05/25 13:28	10/06/25 08:10	1
2,4-Dimethylphenol	0.33	U	0.33	0.039	mg/Kg		10/05/25 13:28	10/06/25 08:10	1
2,4-Dinitrophenol	0.27	U	0.27	0.16	mg/Kg		10/05/25 13:28	10/06/25 08:10	1
2,4-Dinitrotoluene	0.067	U	0.067	0.036	mg/Kg		10/05/25 13:28	10/06/25 08:10	1
2,6-Dinitrotoluene	0.067	U	0.067	0.024	mg/Kg		10/05/25 13:28	10/06/25 08:10	1
2-Chloronaphthalene	0.33	U	0.33	0.043	mg/Kg		10/05/25 13:28	10/06/25 08:10	1
2-Chlorophenol	0.33	U	0.33	0.012	mg/Kg		10/05/25 13:28	10/06/25 08:10	1
2-Methylnaphthalene	0.33	U	0.33	0.0093	mg/Kg		10/05/25 13:28	10/06/25 08:10	1
2-Methylphenol	0.33	U	0.33	0.012	mg/Kg		10/05/25 13:28	10/06/25 08:10	1
2-Nitroaniline	0.33	U	0.33	0.025	mg/Kg		10/05/25 13:28	10/06/25 08:10	1
2-Nitrophenol	0.33	U	0.33	0.033	mg/Kg		10/05/25 13:28	10/06/25 08:10	1
3 & 4 Methylphenol	0.33	U	0.33	0.021	mg/Kg		10/05/25 13:28	10/06/25 08:10	1
3,3'-Dichlorobenzidine	0.13	U	0.13	0.050	mg/Kg		10/05/25 13:28	10/06/25 08:10	1
3-Nitroaniline	0.33	U	0.33	0.079	mg/Kg		10/05/25 13:28	10/06/25 08:10	1
4,6-Dinitro-2-methylphenol	0.27	U	0.27	0.14	mg/Kg		10/05/25 13:28	10/06/25 08:10	1
4-Bromophenyl phenyl ether	0.33	U	0.33	0.013	mg/Kg		10/05/25 13:28	10/06/25 08:10	1
4-Chloro-3-methylphenol	0.33	U	0.33	0.019	mg/Kg		10/05/25 13:28	10/06/25 08:10	1
4-Chloroaniline	0.33	U	0.33	0.059	mg/Kg		10/05/25 13:28	10/06/25 08:10	1
4-Chlorophenyl phenyl ether	0.33	U	0.33	0.012	mg/Kg		10/05/25 13:28	10/06/25 08:10	1
4-Methylphenol	0.33	U	0.33	0.021	mg/Kg		10/05/25 13:28	10/06/25 08:10	1

Method: 8270E - Semivolatile Organic Compounds (GC/MS) (Continued)

Lab Sample ID: MB 460-1066069/1-A
Matrix: Solid
Analysis Batch: 1066166

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 1066069

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
4-Nitroaniline	0.33	U	0.33	0.084	mg/Kg		10/05/25 13:28	10/06/25 08:10	1
4-Nitrophenol	0.67	U	0.67	0.054	mg/Kg		10/05/25 13:28	10/06/25 08:10	1
Acenaphthene	0.33	U	0.33	0.0094	mg/Kg		10/05/25 13:28	10/06/25 08:10	1
Acenaphthylene	0.33	U	0.33	0.0095	mg/Kg		10/05/25 13:28	10/06/25 08:10	1
Acetophenone	0.33	U	0.33	0.016	mg/Kg		10/05/25 13:28	10/06/25 08:10	1
Anthracene	0.33	U	0.33	0.010	mg/Kg		10/05/25 13:28	10/06/25 08:10	1
Atrazine	0.13	U	0.13	0.019	mg/Kg		10/05/25 13:28	10/06/25 08:10	1
Benzaldehyde	0.33	U	0.33	0.055	mg/Kg		10/05/25 13:28	10/06/25 08:10	1
Benzo[a]anthracene	0.033	U	0.033	0.025	mg/Kg		10/05/25 13:28	10/06/25 08:10	1
Benzo[a]pyrene	0.033	U	0.033	0.0088	mg/Kg		10/05/25 13:28	10/06/25 08:10	1
Benzo[b]fluoranthene	0.033	U	0.033	0.0086	mg/Kg		10/05/25 13:28	10/06/25 08:10	1
Benzo[g,h,i]perylene	0.33	U	0.33	0.0098	mg/Kg		10/05/25 13:28	10/06/25 08:10	1
Benzo[k]fluoranthene	0.033	U	0.033	0.0065	mg/Kg		10/05/25 13:28	10/06/25 08:10	1
Bis(2-chloroethoxy)methane	0.33	U	0.33	0.061	mg/Kg		10/05/25 13:28	10/06/25 08:10	1
Bis(2-chloroethyl)ether	0.033	U	0.033	0.012	mg/Kg		10/05/25 13:28	10/06/25 08:10	1
Bis(2-ethylhexyl) phthalate	0.33	U	0.33	0.017	mg/Kg		10/05/25 13:28	10/06/25 08:10	1
Butyl benzyl phthalate	0.33	U	0.33	0.016	mg/Kg		10/05/25 13:28	10/06/25 08:10	1
Caprolactam	0.33	U	0.33	0.051	mg/Kg		10/05/25 13:28	10/06/25 08:10	1
Carbazole	0.33	U	0.33	0.013	mg/Kg		10/05/25 13:28	10/06/25 08:10	1
Chrysene	0.33	U	0.33	0.014	mg/Kg		10/05/25 13:28	10/06/25 08:10	1
Dibenz(a,h)anthracene	0.033	U	0.033	0.014	mg/Kg		10/05/25 13:28	10/06/25 08:10	1
Dibenzofuran	0.33	U	0.33	0.011	mg/Kg		10/05/25 13:28	10/06/25 08:10	1
Diethyl phthalate	0.33	U	0.33	0.011	mg/Kg		10/05/25 13:28	10/06/25 08:10	1
Dimethyl phthalate	0.33	U	0.33	0.075	mg/Kg		10/05/25 13:28	10/06/25 08:10	1
Di-n-butyl phthalate	0.33	U	0.33	0.012	mg/Kg		10/05/25 13:28	10/06/25 08:10	1
Di-n-octyl phthalate	0.33	U	0.33	0.018	mg/Kg		10/05/25 13:28	10/06/25 08:10	1
Fluoranthene	0.33	U	0.33	0.012	mg/Kg		10/05/25 13:28	10/06/25 08:10	1
Fluorene	0.33	U	0.33	0.0097	mg/Kg		10/05/25 13:28	10/06/25 08:10	1
Hexachlorobenzene	0.033	U	0.033	0.016	mg/Kg		10/05/25 13:28	10/06/25 08:10	1
Hexachlorobutadiene	0.067	U	0.067	0.0070	mg/Kg		10/05/25 13:28	10/06/25 08:10	1
Hexachlorocyclopentadiene	0.33	U	0.33	0.029	mg/Kg		10/05/25 13:28	10/06/25 08:10	1
Hexachloroethane	0.033	U	0.033	0.011	mg/Kg		10/05/25 13:28	10/06/25 08:10	1
Indeno[1,2,3-cd]pyrene	0.033	U	0.033	0.013	mg/Kg		10/05/25 13:28	10/06/25 08:10	1
Isophorone	0.13	U	0.13	0.096	mg/Kg		10/05/25 13:28	10/06/25 08:10	1
Naphthalene	0.33	U	0.33	0.0057	mg/Kg		10/05/25 13:28	10/06/25 08:10	1
Nitrobenzene	0.033	U	0.033	0.018	mg/Kg		10/05/25 13:28	10/06/25 08:10	1
N-Nitrosodi-n-propylamine	0.033	U	0.033	0.024	mg/Kg		10/05/25 13:28	10/06/25 08:10	1
N-Nitrosodiphenylamine	0.33	U	0.33	0.027	mg/Kg		10/05/25 13:28	10/06/25 08:10	1
Pentachlorophenol	0.27	U	0.27	0.068	mg/Kg		10/05/25 13:28	10/06/25 08:10	1
Phenanthrene	0.33	U	0.33	0.014	mg/Kg		10/05/25 13:28	10/06/25 08:10	1
Phenol	0.33	U	0.33	0.012	mg/Kg		10/05/25 13:28	10/06/25 08:10	1
Pyrene	0.33	U	0.33	0.0082	mg/Kg		10/05/25 13:28	10/06/25 08:10	1

Surrogate	*MB %Recovery*	*MB Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
2,4,6-Tribromophenol (Surr)	*90*		*18 - 137*	*10/05/25 13:28*	*10/06/25 08:10*	*1*
2-Fluorobiphenyl	*85*		*33 - 117*	*10/05/25 13:28*	*10/06/25 08:10*	*1*
2-Fluorophenol (Surr)	*90*		*24 - 120*	*10/05/25 13:28*	*10/06/25 08:10*	*1*
Nitrobenzene-d5 (Surr)	*88*		*27 - 120*	*10/05/25 13:28*	*10/06/25 08:10*	*1*

Method: 8270E - Semivolatile Organic Compounds (GC/MS) (Continued)

Lab Sample ID: MB 460-1066069/1-A
Matrix: Solid
Analysis Batch: 1066166

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 1066069

Surrogate	MB %Recovery	MB Qualifier	Limits	Prepared	Analyzed	Dil Fac
Phenol-d5 (Surr)	86		28 - 118	10/05/25 13:28	10/06/25 08:10	1
Terphenyl-d14 (Surr)	92		33 - 124	10/05/25 13:28	10/06/25 08:10	1

Lab Sample ID: LCS 460-1066069/2-A
Matrix: Solid
Analysis Batch: 1066166

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 1066069

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
1,1'-Biphenyl	3.33	3.53		mg/Kg		106	64 - 120
1,2,4,5-Tetrachlorobenzene	3.33	3.58		mg/Kg		107	60 - 120
1,4-Dioxane	3.33	2.61		mg/Kg		78	31 - 105
2,2'-oxybis[1-chloropropane]	3.33	3.51		mg/Kg		105	50 - 126
2,3,4,6-Tetrachlorophenol	3.33	3.79		mg/Kg		114	62 - 120
2,4,5-Trichlorophenol	3.33	3.64		mg/Kg		109	64 - 120
2,4,6-Trichlorophenol	3.33	3.68		mg/Kg		110	65 - 120
2,4-Dichlorophenol	3.33	3.74		mg/Kg		112	66 - 120
2,4-Dimethylphenol	3.33	3.76		mg/Kg		113	75 - 136
2,4-Dinitrophenol	6.67	7.67		mg/Kg		115	41 - 120
2,4-Dinitrotoluene	3.33	3.99		mg/Kg		120	65 - 124
2,6-Dinitrotoluene	3.33	3.89		mg/Kg		117	67 - 121
2-Chloronaphthalene	3.33	3.55		mg/Kg		107	64 - 120
2-Chlorophenol	3.33	3.69		mg/Kg		111	63 - 120
2-Methylnaphthalene	3.33	3.81	*	mg/Kg		114	56 - 102
2-Methylphenol	3.33	3.63		mg/Kg		109	63 - 120
2-Nitroaniline	3.33	3.48		mg/Kg		104	52 - 120
2-Nitrophenol	3.33	3.94		mg/Kg		118	64 - 120
3 & 4 Methylphenol	3.33	3.60		mg/Kg		108	61 - 120
3,3'-Dichlorobenzidine	3.33	3.19		mg/Kg		96	10 - 106
3-Nitroaniline	3.33	3.18		mg/Kg		96	18 - 105
4,6-Dinitro-2-methylphenol	6.67	9.37	*	mg/Kg		141	61 - 127
4-Bromophenyl phenyl ether	3.33	3.88		mg/Kg		116	64 - 120
4-Chloro-3-methylphenol	3.33	3.80		mg/Kg		114	68 - 120
4-Chloroaniline	3.33	2.57		mg/Kg		77	10 - 107
4-Chlorophenyl phenyl ether	3.33	3.59		mg/Kg		108	62 - 120
4-Methylphenol	3.33	3.60		mg/Kg		108	61 - 120
4-Nitroaniline	3.33	3.42		mg/Kg		103	51 - 112
4-Nitrophenol	6.67	6.89		mg/Kg		103	52 - 122
Acenaphthene	3.33	3.55		mg/Kg		106	65 - 120
Acenaphthylene	3.33	3.73		mg/Kg		112	68 - 120
Acetophenone	3.33	3.62		mg/Kg		109	61 - 111
Anthracene	3.33	3.84		mg/Kg		115	67 - 120
Atrazine	1.33	2.31	*	mg/Kg		173	52 - 150
Benzaldehyde	1.33	2.06	*	mg/Kg		154	45 - 150
Benzo[a]anthracene	3.33	3.92		mg/Kg		117	66 - 120
Benzo[a]pyrene	3.33	4.09		mg/Kg		123	69 - 123
Benzo[b]fluoranthene	3.33	4.18	*	mg/Kg		126	66 - 125
Benzo[g,h,i]perylene	3.33	3.71		mg/Kg		111	66 - 138
Benzo[k]fluoranthene	3.33	3.71		mg/Kg		111	67 - 122

Method: 8270E - Semivolatile Organic Compounds (GC/MS) (Continued)

Lab Sample ID: LCS 460-1066069/2-A
Matrix: Solid
Analysis Batch: 1066166

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 1066069

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
Bis(2-chloroethoxy)methane	3.33	3.69		mg/Kg		111	62 - 120
Bis(2-chloroethyl)ether	3.33	3.66		mg/Kg		110	60 - 120
Bis(2-ethylhexyl) phthalate	3.33	4.20	*	mg/Kg		126	64 - 125
Butyl benzyl phthalate	3.33	4.35	*	mg/Kg		130	62 - 127
Caprolactam	1.33	2.26	*	mg/Kg		170	46 - 150
Carbazole	3.33	3.80		mg/Kg		114	64 - 120
Chrysene	3.33	3.88		mg/Kg		116	67 - 120
Dibenz(a,h)anthracene	3.33	4.10		mg/Kg		123	66 - 128
Dibenzofuran	3.33	3.57		mg/Kg		107	61 - 120
Diethyl phthalate	3.33	3.71		mg/Kg		111	63 - 120
Dimethyl phthalate	3.33	3.67		mg/Kg		110	65 - 120
Di-n-butyl phthalate	3.33	4.40	*	mg/Kg		132	61 - 120
Di-n-octyl phthalate	3.33	4.38	*	mg/Kg		131	61 - 123
Fluoranthene	3.33	3.88		mg/Kg		117	61 - 120
Fluorene	3.33	3.61		mg/Kg		108	64 - 120
Hexachlorobenzene	3.33	3.77		mg/Kg		113	66 - 120
Hexachlorobutadiene	3.33	3.77		mg/Kg		113	62 - 120
Hexachlorocyclopentadiene	3.33	2.27		mg/Kg		68	32 - 150
Hexachloroethane	3.33	3.68		mg/Kg		110	61 - 112
Indeno[1,2,3-cd]pyrene	3.33	3.43		mg/Kg		103	63 - 137
Isophorone	3.33	3.76		mg/Kg		113	61 - 120
Naphthalene	3.33	3.64		mg/Kg		109	63 - 113
Nitrobenzene	3.33	3.76		mg/Kg		113	63 - 120
N-Nitrosodi-n-propylamine	3.33	3.66		mg/Kg		110	60 - 120
N-Nitrosodiphenylamine	3.33	3.84		mg/Kg		115	63 - 120
Pentachlorophenol	6.67	8.02		mg/Kg		120	61 - 126
Phenanthrene	3.33	3.85		mg/Kg		115	66 - 120
Phenol	3.33	3.70		mg/Kg		111	63 - 120
Pyrene	3.33	3.90		mg/Kg		117	61 - 121

Surrogate	*LCS %Recovery*	*LCS Qualifier*	*Limits*
2,4,6-Tribromophenol (Surr)	*89*		*18 - 137*
2-Fluorobiphenyl	*86*		*33 - 117*
2-Fluorophenol (Surr)	*92*		*24 - 120*
Nitrobenzene-d5 (Surr)	*89*		*27 - 120*
Phenol-d5 (Surr)	*88*		*28 - 118*
Terphenyl-d14 (Surr)	*90*		*33 - 124*

Lab Sample ID: LCSD 460-1066069/3-A
Matrix: Solid
Analysis Batch: 1066166

Client Sample ID: Lab Control Sample Dup
Prep Type: Total/NA
Prep Batch: 1066069

Analyte	Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
1,1'-Biphenyl	3.33	3.31		mg/Kg		99	64 - 120	6	30
1,2,4,5-Tetrachlorobenzene	3.33	3.31		mg/Kg		99	60 - 120	8	30
1,4-Dioxane	3.33	2.55		mg/Kg		77	31 - 105	2	30
2,2'-oxybis[1-chloropropane]	3.33	3.29		mg/Kg		99	50 - 126	7	30
2,3,4,6-Tetrachlorophenol	3.33	3.48		mg/Kg		104	62 - 120	8	30

Method: 8270E - Semivolatile Organic Compounds (GC/MS) (Continued)

Lab Sample ID: LCSD 460-1066069/3-A
Matrix: Solid
Analysis Batch: 1066166

Client Sample ID: Lab Control Sample Dup
Prep Type: Total/NA
Prep Batch: 1066069

Analyte	Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
2,4,5-Trichlorophenol	3.33	3.37		mg/Kg		101	64 - 120	8	30
2,4,6-Trichlorophenol	3.33	3.41		mg/Kg		102	65 - 120	8	30
2,4-Dichlorophenol	3.33	3.51		mg/Kg		105	66 - 120	6	30
2,4-Dimethylphenol	3.33	3.53		mg/Kg		106	75 - 136	6	30
2,4-Dinitrophenol	6.67	7.18		mg/Kg		108	41 - 120	7	30
2,4-Dinitrotoluene	3.33	3.75		mg/Kg		113	65 - 124	6	30
2,6-Dinitrotoluene	3.33	3.57		mg/Kg		107	67 - 121	9	30
2-Chloronaphthalene	3.33	3.33		mg/Kg		100	64 - 120	7	30
2-Chlorophenol	3.33	3.47		mg/Kg		104	63 - 120	6	30
2-Methylnaphthalene	3.33	3.55	*	mg/Kg		107	56 - 102	7	30
2-Methylphenol	3.33	3.43		mg/Kg		103	63 - 120	6	30
2-Nitroaniline	3.33	3.20		mg/Kg		96	52 - 120	8	30
2-Nitrophenol	3.33	3.69		mg/Kg		111	64 - 120	6	30
3 & 4 Methylphenol	3.33	3.40		mg/Kg		102	61 - 120	6	30
3,3'-Dichlorobenzidine	3.33	2.95		mg/Kg		89	10 - 106	8	30
3-Nitroaniline	3.33	2.86		mg/Kg		86	18 - 105	11	30
4,6-Dinitro-2-methylphenol	6.67	8.61	*	mg/Kg		129	61 - 127	8	30
4-Bromophenyl phenyl ether	3.33	3.59		mg/Kg		108	64 - 120	8	30
4-Chloro-3-methylphenol	3.33	3.51		mg/Kg		105	68 - 120	8	30
4-Chloroaniline	3.33	2.39		mg/Kg		72	10 - 107	7	30
4-Chlorophenyl phenyl ether	3.33	3.35		mg/Kg		100	62 - 120	7	30
4-Methylphenol	3.33	3.40		mg/Kg		102	61 - 120	6	30
4-Nitroaniline	3.33	3.28		mg/Kg		98	51 - 112	4	30
4-Nitrophenol	6.67	6.44		mg/Kg		97	52 - 122	7	30
Acenaphthene	3.33	3.28		mg/Kg		99	65 - 120	8	30
Acenaphthylene	3.33	3.44		mg/Kg		103	68 - 120	8	30
Acetophenone	3.33	3.41		mg/Kg		102	61 - 111	6	30
Anthracene	3.33	3.63		mg/Kg		109	67 - 120	6	30
Atrazine	1.33	2.30	*	mg/Kg		173	52 - 150	0	30
Benzaldehyde	1.33	2.06	*	mg/Kg		155	45 - 150	0	30
Benzo[a]anthracene	3.33	3.67		mg/Kg		110	66 - 120	6	30
Benzo[a]pyrene	3.33	3.82		mg/Kg		115	69 - 123	7	30
Benzo[b]fluoranthene	3.33	3.62		mg/Kg		109	66 - 125	14	30
Benzo[g,h,i]perylene	3.33	3.47		mg/Kg		104	66 - 138	6	30
Benzo[k]fluoranthene	3.33	3.72		mg/Kg		112	67 - 122	0	30
Bis(2-chloroethoxy)methane	3.33	3.43		mg/Kg		103	62 - 120	7	30
Bis(2-chloroethyl)ether	3.33	3.42		mg/Kg		103	60 - 120	7	30
Bis(2-ethylhexyl) phthalate	3.33	3.90		mg/Kg		117	64 - 125	7	30
Butyl benzyl phthalate	3.33	4.05		mg/Kg		121	62 - 127	7	30
Caprolactam	1.33	2.23	*	mg/Kg		167	46 - 150	1	30
Carbazole	3.33	3.59		mg/Kg		108	64 - 120	6	30
Chrysene	3.33	3.59		mg/Kg		108	67 - 120	8	30
Dibenz(a,h)anthracene	3.33	3.85		mg/Kg		115	66 - 128	6	30
Dibenzofuran	3.33	3.32		mg/Kg		100	61 - 120	7	30
Diethyl phthalate	3.33	3.45		mg/Kg		103	63 - 120	7	30
Dimethyl phthalate	3.33	3.43		mg/Kg		103	65 - 120	7	30
Di-n-butyl phthalate	3.33	4.08	*	mg/Kg		122	61 - 120	8	30
Di-n-octyl phthalate	3.33	4.08		mg/Kg		122	61 - 123	7	30
Fluoranthene	3.33	3.66		mg/Kg		110	61 - 120	6	30

Method: 8270E - Semivolatile Organic Compounds (GC/MS) (Continued)

Lab Sample ID: LCSD 460-1066069/3-A
Matrix: Solid
Analysis Batch: 1066166

Client Sample ID: Lab Control Sample Dup
Prep Type: Total/NA
Prep Batch: 1066069

Analyte			Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Fluorene			3.33	3.31		mg/Kg		99	64 - 120	9	30
Hexachlorobenzene			3.33	3.49		mg/Kg		105	66 - 120	8	30
Hexachlorobutadiene			3.33	3.52		mg/Kg		105	62 - 120	7	30
Hexachlorocyclopentadiene			3.33	2.13		mg/Kg		64	32 - 150	6	30
Hexachloroethane			3.33	3.41		mg/Kg		102	61 - 112	7	30
Indeno[1,2,3-cd]pyrene			3.33	3.26		mg/Kg		98	63 - 137	5	30
Isophorone			3.33	3.50		mg/Kg		105	61 - 120	7	30
Naphthalene			3.33	3.44		mg/Kg		103	63 - 113	6	30
Nitrobenzene			3.33	3.55		mg/Kg		106	63 - 120	6	30
N-Nitrosodi-n-propylamine			3.33	3.40		mg/Kg		102	60 - 120	7	30
N-Nitrosodiphenylamine			3.33	3.57		mg/Kg		107	63 - 120	7	30
Pentachlorophenol			6.67	7.49		mg/Kg		112	61 - 126	7	30
Phenanthrene			3.33	3.57		mg/Kg		107	66 - 120	7	30
Phenol			3.33	3.33		mg/Kg		100	63 - 120	11	30
Pyrene			3.33	3.61		mg/Kg		108	61 - 121	8	30

Surrogate	*LCSD %Recovery*	*LCSD Qualifier*	*Limits*
2,4,6-Tribromophenol (Surr)	*83*		*18 - 137*
2-Fluorobiphenyl	*79*		*33 - 117*
2-Fluorophenol (Surr)	*86*		*24 - 120*
Nitrobenzene-d5 (Surr)	*83*		*27 - 120*
Phenol-d5 (Surr)	*81*		*28 - 118*
Terphenyl-d14 (Surr)	*82*		*33 - 124*

Lab Sample ID: 460-336436-E-2-A MS
Matrix: Solid
Analysis Batch: 1066166

Client Sample ID: Matrix Spike
Prep Type: Total/NA
Prep Batch: 1066069

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec Limits
1,1'-Biphenyl	0.39	U	3.93	4.53		mg/Kg	☼	115	64 - 120
1,2,4,5-Tetrachlorobenzene	0.39	U	3.93	4.53		mg/Kg	☼	115	60 - 120
1,4-Dioxane	0.039	U	3.93	2.61		mg/Kg	☼	66	31 - 105
2,2'-oxybis[1-chloropropane]	0.39	U	3.93	4.30		mg/Kg	☼	109	50 - 126
2,3,4,6-Tetrachlorophenol	0.39	U	3.93	5.04	*	mg/Kg	☼	128	62 - 120
2,4,5-Trichlorophenol	0.39	U	3.93	4.92	*	mg/Kg	☼	125	64 - 120
2,4,6-Trichlorophenol	0.16	U	3.93	4.91	*	mg/Kg	☼	125	65 - 120
2,4-Dichlorophenol	0.16	U	3.93	4.88	*	mg/Kg	☼	124	66 - 120
2,4-Dimethylphenol	0.39	U	3.93	4.84		mg/Kg	☼	123	75 - 136
2,4-Dinitrophenol	0.31	U	7.87	1.97	*	mg/Kg	☼	25	41 - 120
2,4-Dinitrotoluene	0.079	U	3.93	5.17	*	mg/Kg	☼	131	65 - 124
2,6-Dinitrotoluene	0.079	U	3.93	5.04	*	mg/Kg	☼	128	67 - 121
2-Chloronaphthalene	0.39	U	3.93	4.63		mg/Kg	☼	118	64 - 120
2-Chlorophenol	0.39	U	3.93	4.60		mg/Kg	☼	117	63 - 120
2-Methylnaphthalene	0.39	U *	3.93	4.88	*	mg/Kg	☼	124	56 - 102
2-Methylphenol	0.39	U	3.93	4.66		mg/Kg	☼	118	63 - 120
2-Nitroaniline	0.39	U	3.93	4.60		mg/Kg	☼	117	52 - 120
2-Nitrophenol	0.39	U	3.93	4.75	*	mg/Kg	☼	121	64 - 120
3 & 4 Methylphenol	0.39	U	3.93	4.72		mg/Kg	☼	120	61 - 120

Method: 8270E - Semivolatile Organic Compounds (GC/MS) (Continued)

Lab Sample ID: 460-336436-E-2-A MS
Matrix: Solid
Analysis Batch: 1066166

Client Sample ID: Matrix Spike
Prep Type: Total/NA
Prep Batch: 1066069

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec Limits
3,3'-Dichlorobenzidine	0.16	U	3.93	4.65	*	mg/Kg	☼	118	10 - 106
3-Nitroaniline	0.39	U	3.93	4.29	*	mg/Kg	☼	109	18 - 105
4,6-Dinitro-2-methylphenol	0.31	U *	7.87	3.12	*	mg/Kg	☼	40	61 - 127
4-Bromophenyl phenyl ether	0.39	U	3.93	5.04	*	mg/Kg	☼	128	64 - 120
4-Chloro-3-methylphenol	0.39	U	3.93	4.99	*	mg/Kg	☼	127	68 - 120
4-Chloroaniline	0.39	U	3.93	3.80		mg/Kg	☼	97	10 - 107
4-Chlorophenyl phenyl ether	0.39	U	3.93	4.75	*	mg/Kg	☼	121	62 - 120
4-Methylphenol	0.39	U	3.93	4.72		mg/Kg	☼	120	61 - 120
4-Nitroaniline	0.39	U	3.93	4.36		mg/Kg	☼	111	51 - 112
4-Nitrophenol	0.79	U	7.87	9.36		mg/Kg	☼	119	52 - 122
Acenaphthene	0.39	U	3.93	4.68		mg/Kg	☼	119	65 - 120
Acenaphthylene	0.39	U	3.93	4.87	*	mg/Kg	☼	124	68 - 120
Acetophenone	0.39	U	3.93	4.47	*	mg/Kg	☼	114	61 - 111
Anthracene	0.39	U	3.93	5.13	*	mg/Kg	☼	131	67 - 120
Atrazine	0.16	U *	1.57	3.01	E *	mg/Kg	☼	191	52 - 150
Benzaldehyde	0.39	U *	1.57	2.45	E *	mg/Kg	☼	156	45 - 150
Benzo[a]anthracene	0.039	U	3.93	5.29	*	mg/Kg	☼	135	66 - 120
Benzo[a]pyrene	0.039	U	3.93	5.50	*	mg/Kg	☼	140	69 - 123
Benzo[b]fluoranthene	0.039	U *	3.93	5.60	*	mg/Kg	☼	142	66 - 125
Benzo[g,h,i]perylene	0.39	U	3.93	3.79		mg/Kg	☼	96	66 - 138
Benzo[k]fluoranthene	0.039	U	3.93	4.91	*	mg/Kg	☼	125	67 - 122
Bis(2-chloroethoxy)methane	0.39	U	3.93	4.63		mg/Kg	☼	118	62 - 120
Bis(2-chloroethyl)ether	0.039	U	3.93	4.33		mg/Kg	☼	110	60 - 120
Bis(2-ethylhexyl) phthalate	0.39	U *	3.93	5.75	*	mg/Kg	☼	146	64 - 125
Butyl benzyl phthalate	0.39	U *	3.93	5.90	*	mg/Kg	☼	150	62 - 127
Caprolactam	0.39	U *	1.57	2.92	E *	mg/Kg	☼	186	46 - 150
Carbazole	0.39	U	3.93	5.25	*	mg/Kg	☼	134	64 - 120
Chrysene	0.39	U	3.93	5.32	*	mg/Kg	☼	135	67 - 120
Dibenz(a,h)anthracene	0.039	U	3.93	4.79		mg/Kg	☼	122	66 - 128
Dibenzofuran	0.39	U	3.93	4.72		mg/Kg	☼	120	61 - 120
Diethyl phthalate	0.017	J	3.93	4.95	*	mg/Kg	☼	125	63 - 120
Dimethyl phthalate	0.39	U	3.93	4.96	*	mg/Kg	☼	126	65 - 120
Di-n-butyl phthalate	0.39	U *	3.93	5.97	*	mg/Kg	☼	152	61 - 120
Di-n-octyl phthalate	0.39	U *	3.93	6.02	*	mg/Kg	☼	153	61 - 123
Fluoranthene	0.39	U	3.93	5.28	*	mg/Kg	☼	134	61 - 120
Fluorene	0.39	U	3.93	4.81	*	mg/Kg	☼	122	64 - 120
Hexachlorobenzene	0.039	U	3.93	5.02	*	mg/Kg	☼	128	66 - 120
Hexachlorobutadiene	0.079	U	3.93	4.52		mg/Kg	☼	115	62 - 120
Hexachlorocyclopentadiene	0.39	U	3.93	1.23	*	mg/Kg	☼	31	32 - 150
Hexachloroethane	0.039	U	3.93	4.19		mg/Kg	☼	106	61 - 112
Indeno[1,2,3-cd]pyrene	0.039	U	3.93	4.09		mg/Kg	☼	104	63 - 137
Isophorone	0.16	U	3.93	4.71		mg/Kg	☼	120	61 - 120
Naphthalene	0.39	U	3.93	4.53	*	mg/Kg	☼	115	63 - 113
Nitrobenzene	0.039	U	3.93	4.58		mg/Kg	☼	116	63 - 120
N-Nitrosodi-n-propylamine	0.039	U	3.93	4.60		mg/Kg	☼	117	60 - 120
N-Nitrosodiphenylamine	0.39	U	3.93	5.17	*	mg/Kg	☼	131	63 - 120
Pentachlorophenol	0.31	U	7.87	10.9	*	mg/Kg	☼	138	61 - 126
Phenanthrene	0.39	U	3.93	5.11	*	mg/Kg	☼	130	66 - 120
Phenol	0.39	U	3.93	4.64		mg/Kg	☼	118	63 - 120

Method: 8270E - Semivolatile Organic Compounds (GC/MS) (Continued)

Lab Sample ID: 460-336436-E-2-A MS
Matrix: Solid
Analysis Batch: 1066166

Client Sample ID: Matrix Spike
Prep Type: Total/NA
Prep Batch: 1066069

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec Limits
Pyrene	0.39	U	3.93	5.15	*	mg/Kg	☼	131	61 - 121

Surrogate	*MS %Recovery*	*MS Qualifier*	*Limits*
2,4,6-Tribromophenol (Surr)	*96*		*18 - 137*
2-Fluorobiphenyl	*90*		*33 - 117*
2-Fluorophenol (Surr)	*91*		*24 - 120*
Nitrobenzene-d5 (Surr)	*88*		*27 - 120*
Phenol-d5 (Surr)	*89*		*28 - 118*
Terphenyl-d14 (Surr)	*95*		*33 - 124*

Lab Sample ID: 460-336436-E-2-B MSD
Matrix: Solid
Analysis Batch: 1066166

Client Sample ID: Matrix Spike Duplicate
Prep Type: Total/NA
Prep Batch: 1066069

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
1,1'-Biphenyl	0.39	U	3.94	4.65		mg/Kg	☼	118	64 - 120	3	30
1,2,4,5-Tetrachlorobenzene	0.39	U	3.94	4.66		mg/Kg	☼	118	60 - 120	3	30
1,4-Dioxane	0.039	U	3.94	2.57		mg/Kg	☼	65	31 - 105	2	30
2,2'-oxybis[1-chloropropane]	0.39	U	3.94	4.31		mg/Kg	☼	109	50 - 126	0	30
2,3,4,6-Tetrachlorophenol	0.39	U	3.94	5.19	*	mg/Kg	☼	132	62 - 120	3	30
2,4,5-Trichlorophenol	0.39	U	3.94	5.05	*	mg/Kg	☼	128	64 - 120	3	30
2,4,6-Trichlorophenol	0.16	U	3.94	5.06	*	mg/Kg	☼	128	65 - 120	3	30
2,4-Dichlorophenol	0.16	U	3.94	5.02	*	mg/Kg	☼	127	66 - 120	3	30
2,4-Dimethylphenol	0.39	U	3.94	4.91		mg/Kg	☼	125	75 - 136	2	30
2,4-Dinitrophenol	0.31	U	7.88	2.97	*	mg/Kg	☼	38	41 - 120	41	30
2,4-Dinitrotoluene	0.079	U	3.94	5.36	*	mg/Kg	☼	136	65 - 124	4	30
2,6-Dinitrotoluene	0.079	U	3.94	5.16	*	mg/Kg	☼	131	67 - 121	2	30
2-Chloronaphthalene	0.39	U	3.94	4.69		mg/Kg	☼	119	64 - 120	1	30
2-Chlorophenol	0.39	U	3.94	4.64		mg/Kg	☼	118	63 - 120	1	30
2-Methylnaphthalene	0.39	U *	3.94	4.92	*	mg/Kg	☼	125	56 - 102	1	30
2-Methylphenol	0.39	U	3.94	4.70		mg/Kg	☼	119	63 - 120	1	30
2-Nitroaniline	0.39	U	3.94	4.73		mg/Kg	☼	120	52 - 120	3	30
2-Nitrophenol	0.39	U	3.94	4.85	*	mg/Kg	☼	123	64 - 120	2	30
3 & 4 Methylphenol	0.39	U	3.94	4.80	*	mg/Kg	☼	122	61 - 120	2	30
3,3'-Dichlorobenzidine	0.16	U	3.94	5.19	*	mg/Kg	☼	132	10 - 106	11	30
3-Nitroaniline	0.39	U	3.94	4.58	*	mg/Kg	☼	116	18 - 105	7	30
4,6-Dinitro-2-methylphenol	0.31	U *	7.88	4.59	*	mg/Kg	☼	58	61 - 127	38	30
4-Bromophenyl phenyl ether	0.39	U	3.94	5.25	*	mg/Kg	☼	133	64 - 120	4	30
4-Chloro-3-methylphenol	0.39	U	3.94	5.05	*	mg/Kg	☼	128	68 - 120	1	30
4-Chloroaniline	0.39	U	3.94	4.00		mg/Kg	☼	102	10 - 107	5	30
4-Chlorophenyl phenyl ether	0.39	U	3.94	4.82	*	mg/Kg	☼	122	62 - 120	2	30
4-Methylphenol	0.39	U	3.94	4.80	*	mg/Kg	☼	122	61 - 120	2	30
4-Nitroaniline	0.39	U	3.94	4.71	*	mg/Kg	☼	120	51 - 112	8	30
4-Nitrophenol	0.79	U	7.88	9.98	*	mg/Kg	☼	127	52 - 122	6	30
Acenaphthene	0.39	U	3.94	4.79	*	mg/Kg	☼	122	65 - 120	2	30
Acenaphthylene	0.39	U	3.94	4.98	*	mg/Kg	☼	127	68 - 120	2	30
Acetophenone	0.39	U	3.94	4.50	*	mg/Kg	☼	114	61 - 111	1	30
Anthracene	0.39	U	3.94	5.28	*	mg/Kg	☼	134	67 - 120	3	30

Method: 8270E - Semivolatile Organic Compounds (GC/MS) (Continued)

Lab Sample ID: 460-336436-E-2-B MSD
Matrix: Solid
Analysis Batch: 1066166

Client Sample ID: Matrix Spike Duplicate
Prep Type: Total/NA
Prep Batch: 1066069

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Atrazine	0.16	U *	1.58	2.79	E *	mg/Kg	☼	177	52 - 150	8	30
Benzaldehyde	0.39	U *	1.58	2.20	E	mg/Kg	☼	140	45 - 150	11	30
Benzo[a]anthracene	0.039	U	3.94	5.46	*	mg/Kg	☼	139	66 - 120	3	30
Benzo[a]pyrene	0.039	U	3.94	5.61	*	mg/Kg	☼	142	69 - 123	2	30
Benzo[b]fluoranthene	0.039	U *	3.94	5.63	*	mg/Kg	☼	143	66 - 125	1	30
Benzo[g,h,i]perylene	0.39	U	3.94	4.26		mg/Kg	☼	108	66 - 138	12	30
Benzo[k]fluoranthene	0.039	U	3.94	5.06	*	mg/Kg	☼	128	67 - 122	3	30
Bis(2-chloroethoxy)methane	0.39	U	3.94	4.71		mg/Kg	☼	120	62 - 120	2	30
Bis(2-chloroethyl)ether	0.039	U	3.94	4.35		mg/Kg	☼	110	60 - 120	1	30
Bis(2-ethylhexyl) phthalate	0.39	U *	3.94	5.74	*	mg/Kg	☼	146	64 - 125	0	30
Butyl benzyl phthalate	0.39	U *	3.94	6.00	*	mg/Kg	☼	152	62 - 127	2	30
Caprolactam	0.39	U *	1.58	3.38	E *	mg/Kg	☼	215	46 - 150	15	30
Carbazole	0.39	U	3.94	5.37	*	mg/Kg	☼	136	64 - 120	2	30
Chrysene	0.39	U	3.94	5.27	*	mg/Kg	☼	134	67 - 120	1	30
Dibenz(a,h)anthracene	0.039	U	3.94	5.17	*	mg/Kg	☼	131	66 - 128	8	30
Dibenzofuran	0.39	U	3.94	4.82	*	mg/Kg	☼	122	61 - 120	2	30
Diethyl phthalate	0.017	J	3.94	5.11	*	mg/Kg	☼	129	63 - 120	3	30
Dimethyl phthalate	0.39	U	3.94	5.12	*	mg/Kg	☼	130	65 - 120	3	30
Di-n-butyl phthalate	0.39	U *	3.94	6.09	*	mg/Kg	☼	155	61 - 120	2	30
Di-n-octyl phthalate	0.39	U *	3.94	6.09	*	mg/Kg	☼	155	61 - 123	1	30
Fluoranthene	0.39	U	3.94	5.44	*	mg/Kg	☼	138	61 - 120	3	30
Fluorene	0.39	U	3.94	4.92	*	mg/Kg	☼	125	64 - 120	2	30
Hexachlorobenzene	0.039	U	3.94	5.13	*	mg/Kg	☼	130	66 - 120	2	30
Hexachlorobutadiene	0.079	U	3.94	4.49		mg/Kg	☼	114	62 - 120	1	30
Hexachlorocyclopentadiene	0.39	U	3.94	1.50		mg/Kg	☼	38	32 - 150	20	30
Hexachloroethane	0.039	U	3.94	4.16		mg/Kg	☼	106	61 - 112	1	30
Indeno[1,2,3-cd]pyrene	0.039	U	3.94	4.24		mg/Kg	☼	108	63 - 137	4	30
Isophorone	0.16	U	3.94	4.82	*	mg/Kg	☼	122	61 - 120	2	30
Naphthalene	0.39	U	3.94	4.54	*	mg/Kg	☼	115	63 - 113	0	30
Nitrobenzene	0.039	U	3.94	4.57		mg/Kg	☼	116	63 - 120	0	30
N-Nitrosodi-n-propylamine	0.039	U	3.94	4.63		mg/Kg	☼	118	60 - 120	1	30
N-Nitrosodiphenylamine	0.39	U	3.94	5.29	*	mg/Kg	☼	134	63 - 120	2	30
Pentachlorophenol	0.31	U	7.88	11.2	*	mg/Kg	☼	142	61 - 126	3	30
Phenanthrene	0.39	U	3.94	5.23	*	mg/Kg	☼	133	66 - 120	2	30
Phenol	0.39	U	3.94	4.64		mg/Kg	☼	118	63 - 120	0	30
Pyrene	0.39	U	3.94	5.19	*	mg/Kg	☼	132	61 - 121	1	30

Surrogate	*MSD %Recovery*	*MSD Qualifier*	*Limits*
2,4,6-Tribromophenol (Surr)	*94*		*18 - 137*
2-Fluorobiphenyl	*86*		*33 - 117*
2-Fluorophenol (Surr)	*85*		*24 - 120*
Nitrobenzene-d5 (Surr)	*83*		*27 - 120*
Phenol-d5 (Surr)	*84*		*28 - 118*
Terphenyl-d14 (Surr)	*91*		*33 - 124*

Method: 8081B - Organochlorine Pesticides (GC)

Lab Sample ID: MB 460-1066087/1-A
Matrix: Solid
Analysis Batch: 1066123

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 1066087

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
4,4'-DDD	0.0067	U	0.0067	0.0011	mg/Kg		10/05/25 16:16	10/06/25 06:44	1
4,4'-DDD	0.0067	U	0.0067	0.0011	mg/Kg		10/05/25 16:16	10/06/25 06:44	1
4,4'-DDE	0.0067	U	0.0067	0.00079	mg/Kg		10/05/25 16:16	10/06/25 06:44	1
4,4'-DDE	0.0067	U	0.0067	0.00079	mg/Kg		10/05/25 16:16	10/06/25 06:44	1
4,4'-DDT	0.0067	U	0.0067	0.0012	mg/Kg		10/05/25 16:16	10/06/25 06:44	1
4,4'-DDT	0.0067	U	0.0067	0.0012	mg/Kg		10/05/25 16:16	10/06/25 06:44	1
Aldrin	0.0067	U	0.0067	0.0010	mg/Kg		10/05/25 16:16	10/06/25 06:44	1
Aldrin	0.0067	U	0.0067	0.0010	mg/Kg		10/05/25 16:16	10/06/25 06:44	1
alpha-BHC	0.0020	U	0.0020	0.00068	mg/Kg		10/05/25 16:16	10/06/25 06:44	1
alpha-BHC	0.0020	U	0.0020	0.00068	mg/Kg		10/05/25 16:16	10/06/25 06:44	1
beta-BHC	0.0020	U	0.0020	0.00075	mg/Kg		10/05/25 16:16	10/06/25 06:44	1
beta-BHC	0.0020	U	0.0020	0.00075	mg/Kg		10/05/25 16:16	10/06/25 06:44	1
Chlordane (technical)	0.067	U	0.067	0.016	mg/Kg		10/05/25 16:16	10/06/25 06:44	1
Chlordane (technical)	0.067	U	0.067	0.016	mg/Kg		10/05/25 16:16	10/06/25 06:44	1
cis-Chlordane	0.0067	U	0.0067	0.0011	mg/Kg		10/05/25 16:16	10/06/25 06:44	1
cis-Chlordane	0.0067	U	0.0067	0.0011	mg/Kg		10/05/25 16:16	10/06/25 06:44	1
delta-BHC	0.0020	U	0.0020	0.00041	mg/Kg		10/05/25 16:16	10/06/25 06:44	1
delta-BHC	0.0020	U	0.0020	0.00041	mg/Kg		10/05/25 16:16	10/06/25 06:44	1
Dieldrin	0.0020	U	0.0020	0.00087	mg/Kg		10/05/25 16:16	10/06/25 06:44	1
Dieldrin	0.0020	U	0.0020	0.00087	mg/Kg		10/05/25 16:16	10/06/25 06:44	1
Endosulfan I	0.0067	U	0.0067	0.0010	mg/Kg		10/05/25 16:16	10/06/25 06:44	1
Endosulfan I	0.0067	U	0.0067	0.0010	mg/Kg		10/05/25 16:16	10/06/25 06:44	1
Endosulfan II	0.0067	U	0.0067	0.0017	mg/Kg		10/05/25 16:16	10/06/25 06:44	1
Endosulfan II	0.0067	U	0.0067	0.0017	mg/Kg		10/05/25 16:16	10/06/25 06:44	1
Endosulfan sulfate	0.0067	U	0.0067	0.00084	mg/Kg		10/05/25 16:16	10/06/25 06:44	1
Endosulfan sulfate	0.0067	U	0.0067	0.00084	mg/Kg		10/05/25 16:16	10/06/25 06:44	1
Endrin	0.0067	U	0.0067	0.00096	mg/Kg		10/05/25 16:16	10/06/25 06:44	1
Endrin	0.0067	U	0.0067	0.00096	mg/Kg		10/05/25 16:16	10/06/25 06:44	1
Endrin aldehyde	0.0067	U	0.0067	0.0016	mg/Kg		10/05/25 16:16	10/06/25 06:44	1
Endrin aldehyde	0.0067	U	0.0067	0.0016	mg/Kg		10/05/25 16:16	10/06/25 06:44	1
Endrin ketone	0.0067	U	0.0067	0.0013	mg/Kg		10/05/25 16:16	10/06/25 06:44	1
Endrin ketone	0.0067	U	0.0067	0.0013	mg/Kg		10/05/25 16:16	10/06/25 06:44	1
gamma-BHC (Lindane)	0.0020	U	0.0020	0.00062	mg/Kg		10/05/25 16:16	10/06/25 06:44	1
gamma-BHC (Lindane)	0.0020	U	0.0020	0.00062	mg/Kg		10/05/25 16:16	10/06/25 06:44	1
Heptachlor	0.0067	U	0.0067	0.00079	mg/Kg		10/05/25 16:16	10/06/25 06:44	1
Heptachlor	0.0067	U	0.0067	0.00079	mg/Kg		10/05/25 16:16	10/06/25 06:44	1
Heptachlor epoxide	0.0067	U	0.0067	0.0010	mg/Kg		10/05/25 16:16	10/06/25 06:44	1
Heptachlor epoxide	0.0067	U	0.0067	0.0010	mg/Kg		10/05/25 16:16	10/06/25 06:44	1
Methoxychlor	0.0067	U	0.0067	0.0015	mg/Kg		10/05/25 16:16	10/06/25 06:44	1
Methoxychlor	0.0067	U	0.0067	0.0015	mg/Kg		10/05/25 16:16	10/06/25 06:44	1
Toxaphene	0.067	U	0.067	0.024	mg/Kg		10/05/25 16:16	10/06/25 06:44	1
Toxaphene	0.067	U	0.067	0.024	mg/Kg		10/05/25 16:16	10/06/25 06:44	1

Surrogate	*MB %Recovery*	*MB Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
DCB Decachlorobiphenyl	*91*		*10 - 150*	*10/05/25 16:16*	*10/06/25 06:44*	*1*
DCB Decachlorobiphenyl	*111*		*10 - 150*	*10/05/25 16:16*	*10/06/25 06:44*	*1*
Tetrachloro-m-xylene	*93*		*14 - 150*	*10/05/25 16:16*	*10/06/25 06:44*	*1*
Tetrachloro-m-xylene	*94*		*14 - 150*	*10/05/25 16:16*	*10/06/25 06:44*	*1*

Method: 8081B - Organochlorine Pesticides (GC)

Lab Sample ID: LCS 460-1066087/2-A
Matrix: Solid
Analysis Batch: 1066123

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 1066087

Analyte			Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits		
4,4'-DDD			0.133	0.114		mg/Kg		86	71 - 134		
4,4'-DDD			0.133	0.134		mg/Kg		101	71 - 134		
4,4'-DDE			0.133	0.119		mg/Kg		89	71 - 137		
4,4'-DDE			0.133	0.138		mg/Kg		104	71 - 137		
4,4'-DDT			0.133	0.129		mg/Kg		97	69 - 140		
4,4'-DDT			0.133	0.136		mg/Kg		102	69 - 140		
Aldrin			0.133	0.122		mg/Kg		91	68 - 136		
Aldrin			0.133	0.138		mg/Kg		103	68 - 136		
alpha-BHC			0.133	0.132		mg/Kg		99	71 - 136		
alpha-BHC			0.133	0.150		mg/Kg		112	71 - 136		
beta-BHC			0.133	0.129		mg/Kg		97	67 - 133		
beta-BHC			0.133	0.141		mg/Kg		106	67 - 133		
cis-Chlordane			0.133	0.125		mg/Kg		94	70 - 140		
cis-Chlordane			0.133	0.143		mg/Kg		107	70 - 140		
delta-BHC			0.133	0.141		mg/Kg		106	70 - 135		
delta-BHC			0.133	0.154		mg/Kg		116	70 - 135		
Dieldrin			0.133	0.118		mg/Kg		88	71 - 135		
Dieldrin			0.133	0.141		mg/Kg		106	71 - 135		
Endosulfan I			0.133	0.124		mg/Kg		93	70 - 141		
Endosulfan I			0.133	0.141		mg/Kg		106	70 - 141		
Endosulfan II			0.133	0.126		mg/Kg		94	75 - 141		
Endosulfan II			0.133	0.140		mg/Kg		105	75 - 141		
Endosulfan sulfate			0.133	0.119		mg/Kg		90	67 - 130		
Endosulfan sulfate			0.133	0.137		mg/Kg		103	67 - 130		
Endrin			0.133	0.118		mg/Kg		89	66 - 143		
Endrin			0.133	0.140		mg/Kg		105	66 - 143		
Endrin aldehyde			0.133	0.120		mg/Kg		90	70 - 132		
Endrin aldehyde			0.133	0.130		mg/Kg		97	70 - 132		
Endrin ketone			0.133	0.119		mg/Kg		89	66 - 137		
Endrin ketone			0.133	0.140		mg/Kg		105	66 - 137		
gamma-BHC (Lindane)			0.133	0.131		mg/Kg		99	71 - 137		
gamma-BHC (Lindane)			0.133	0.145		mg/Kg		108	71 - 137		
Heptachlor			0.133	0.131		mg/Kg		98	70 - 140		
Heptachlor			0.133	0.143		mg/Kg		107	70 - 140		
Heptachlor epoxide			0.133	0.126		mg/Kg		94	70 - 135		
Heptachlor epoxide			0.133	0.140		mg/Kg		105	70 - 135		
Methoxychlor			0.133	0.119		mg/Kg		89	63 - 138		
Methoxychlor			0.133	0.129		mg/Kg		97	63 - 138		

Surrogate	*LCS %Recovery*	*LCS Qualifier*	*Limits*
DCB Decachlorobiphenyl	*76*		*10 - 150*
DCB Decachlorobiphenyl	*92*		*10 - 150*
Tetrachloro-m-xylene	*78*		*14 - 150*
Tetrachloro-m-xylene	*82*		*14 - 150*

Method: 8081B - Organochlorine Pesticides (GC) (Continued)

Lab Sample ID: LCSD 460-1066087/3-A
Matrix: Solid
Analysis Batch: 1066123

Client Sample ID: Lab Control Sample Dup
Prep Type: Total/NA
Prep Batch: 1066087

Analyte			Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
4,4'-DDD			0.133	0.116		mg/Kg		87	71 - 134	2	30
4,4'-DDD			0.133	0.139		mg/Kg		104	71 - 134	4	30
4,4'-DDE			0.133	0.120		mg/Kg		90	71 - 137	1	30
4,4'-DDE			0.133	0.143		mg/Kg		108	71 - 137	4	30
4,4'-DDT			0.133	0.131		mg/Kg		99	69 - 140	2	30
4,4'-DDT			0.133	0.141		mg/Kg		106	69 - 140	4	30
Aldrin			0.133	0.123		mg/Kg		92	68 - 136	1	30
Aldrin			0.133	0.141		mg/Kg		106	68 - 136	2	30
alpha-BHC			0.133	0.135		mg/Kg		101	71 - 136	2	30
alpha-BHC			0.133	0.155		mg/Kg		116	71 - 136	4	30
beta-BHC			0.133	0.132		mg/Kg		99	67 - 133	2	30
beta-BHC			0.133	0.144		mg/Kg		108	67 - 133	2	30
cis-Chlordane			0.133	0.127		mg/Kg		95	70 - 140	1	30
cis-Chlordane			0.133	0.148		mg/Kg		111	70 - 140	4	30
delta-BHC			0.133	0.143		mg/Kg		107	70 - 135	1	30
delta-BHC			0.133	0.159		mg/Kg		119	70 - 135	3	30
Dieldrin			0.133	0.119		mg/Kg		89	71 - 135	1	30
Dieldrin			0.133	0.146		mg/Kg		110	71 - 135	3	30
Endosulfan I			0.133	0.125		mg/Kg		94	70 - 141	1	30
Endosulfan I			0.133	0.145		mg/Kg		109	70 - 141	3	30
Endosulfan II			0.133	0.128		mg/Kg		96	75 - 141	1	30
Endosulfan II			0.133	0.145		mg/Kg		109	75 - 141	4	30
Endosulfan sulfate			0.133	0.122		mg/Kg		92	67 - 130	2	30
Endosulfan sulfate			0.133	0.142		mg/Kg		107	67 - 130	4	30
Endrin			0.133	0.120		mg/Kg		90	66 - 143	1	30
Endrin			0.133	0.145		mg/Kg		108	66 - 143	3	30
Endrin aldehyde			0.133	0.123		mg/Kg		92	70 - 132	2	30
Endrin aldehyde			0.133	0.135		mg/Kg		101	70 - 132	4	30
Endrin ketone			0.133	0.120		mg/Kg		90	66 - 137	1	30
Endrin ketone			0.133	0.145		mg/Kg		109	66 - 137	4	30
gamma-BHC (Lindane)			0.133	0.134		mg/Kg		101	71 - 137	2	30
gamma-BHC (Lindane)			0.133	0.149		mg/Kg		111	71 - 137	3	30
Heptachlor			0.133	0.133		mg/Kg		99	70 - 140	1	30
Heptachlor			0.133	0.146		mg/Kg		110	70 - 140	2	30
Heptachlor epoxide			0.133	0.128		mg/Kg		96	70 - 135	1	30
Heptachlor epoxide			0.133	0.144		mg/Kg		108	70 - 135	3	30
Methoxychlor			0.133	0.121		mg/Kg		91	63 - 138	2	30
Methoxychlor			0.133	0.134		mg/Kg		101	63 - 138	4	30

Surrogate	*LCSD %Recovery*	*LCSD Qualifier*	*Limits*
DCB Decachlorobiphenyl	*78*		*10 - 150*
DCB Decachlorobiphenyl	*96*		*10 - 150*
Tetrachloro-m-xylene	*79*		*14 - 150*
Tetrachloro-m-xylene	*83*		*14 - 150*

Method: 8081B - Organochlorine Pesticides (GC) (Continued)

Lab Sample ID: 460-336309-1 MS
Matrix: Solid
Analysis Batch: 1066123

Client Sample ID: 6D_0-6
Prep Type: Total/NA
Prep Batch: 1066087

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec Limits
4,4'-DDD	0.0070	U	0.139	0.118		mg/Kg	☼	85	71 - 134
4,4'-DDD	0.0070	U	0.139	0.170		mg/Kg	☼	122	71 - 134
4,4'-DDE	0.0070	U	0.139	0.120		mg/Kg	☼	86	71 - 137
4,4'-DDE	0.0070	U	0.139	0.172		mg/Kg	☼	124	71 - 137
4,4'-DDT	0.0070	U	0.139	0.128		mg/Kg	☼	92	69 - 140
4,4'-DDT	0.0070	U	0.139	0.166		mg/Kg	☼	119	69 - 140
Aldrin	0.0070	U	0.139	0.122		mg/Kg	☼	87	68 - 136
Aldrin	0.0070	U	0.139	0.176		mg/Kg	☼	126	68 - 136
alpha-BHC	0.0021	U	0.139	0.136		mg/Kg	☼	98	71 - 136
alpha-BHC	0.0021	U	0.139	0.191	*	mg/Kg	☼	138	71 - 136
beta-BHC	0.0021	U	0.139	0.132		mg/Kg	☼	95	67 - 133
beta-BHC	0.0021	U	0.139	0.178		mg/Kg	☼	128	67 - 133
cis-Chlordane	0.0070	U	0.139	0.124		mg/Kg	☼	89	70 - 140
cis-Chlordane	0.0070	U	0.139	0.180		mg/Kg	☼	129	70 - 140
delta-BHC	0.0021	U	0.139	0.141		mg/Kg	☼	101	70 - 135
delta-BHC	0.0021	U	0.139	0.198	*	mg/Kg	☼	143	70 - 135
Dieldrin	0.0021	U	0.139	0.120		mg/Kg	☼	86	71 - 135
Dieldrin	0.0021	U	0.139	0.177		mg/Kg	☼	128	71 - 135
Endosulfan I	0.0070	U	0.139	0.120		mg/Kg	☼	86	70 - 141
Endosulfan I	0.0070	U	0.139	0.177		mg/Kg	☼	127	70 - 141
Endosulfan II	0.0070	U	0.139	0.130		mg/Kg	☼	94	75 - 141
Endosulfan II	0.0070	U	0.139	0.179		mg/Kg	☼	129	75 - 141
Endosulfan sulfate	0.0070	U	0.139	0.124		mg/Kg	☼	89	67 - 130
Endosulfan sulfate	0.0070	U	0.139	0.177		mg/Kg	☼	127	67 - 130
Endrin	0.0070	U	0.139	0.120		mg/Kg	☼	86	66 - 143
Endrin	0.0070	U	0.139	0.175		mg/Kg	☼	126	66 - 143
Endrin aldehyde	0.0070	U	0.139	0.127		mg/Kg	☼	91	70 - 132
Endrin aldehyde	0.0070	U	0.139	0.168		mg/Kg	☼	121	70 - 132
Endrin ketone	0.0070	U	0.139	0.125		mg/Kg	☼	90	66 - 137
Endrin ketone	0.0070	U	0.139	0.182		mg/Kg	☼	131	66 - 137
gamma-BHC (Lindane)	0.0021	U	0.139	0.134		mg/Kg	☼	97	71 - 137
gamma-BHC (Lindane)	0.0021	U	0.139	0.184		mg/Kg	☼	133	71 - 137
Heptachlor	0.0070	U	0.139	0.130		mg/Kg	☼	93	70 - 140
Heptachlor	0.0070	U	0.139	0.180		mg/Kg	☼	129	70 - 140
Heptachlor epoxide	0.0070	U	0.139	0.125		mg/Kg	☼	90	70 - 135
Heptachlor epoxide	0.0070	U	0.139	0.174		mg/Kg	☼	125	70 - 135
Methoxychlor	0.0070	U	0.139	0.118		mg/Kg	☼	85	63 - 138
Methoxychlor	0.0070	U	0.139	0.152		mg/Kg	☼	109	63 - 138

Surrogate	*MS %Recovery*	*MS Qualifier*	*Limits*
DCB Decachlorobiphenyl	*75*		*10 - 150*
DCB Decachlorobiphenyl	*112*		*10 - 150*
Tetrachloro-m-xylene	*65*		*14 - 150*
Tetrachloro-m-xylene	*87*		*14 - 150*

Method: 8081B - Organochlorine Pesticides (GC) (Continued)

Lab Sample ID: 460-336309-1 MSD
Matrix: Solid
Analysis Batch: 1066123

Client Sample ID: 6D_0-6
Prep Type: Total/NA
Prep Batch: 1066087

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
4,4'-DDD	0.0070	U	0.139	0.123		mg/Kg	☼	88	71 - 134	4	30
4,4'-DDD	0.0070	U	0.139	0.155		mg/Kg	☼	112	71 - 134	9	30
4,4'-DDE	0.0070	U	0.139	0.125		mg/Kg	☼	90	71 - 137	4	30
4,4'-DDE	0.0070	U	0.139	0.157		mg/Kg	☼	113	71 - 137	9	30
4,4'-DDT	0.0070	U	0.139	0.133		mg/Kg	☼	96	69 - 140	4	30
4,4'-DDT	0.0070	U	0.139	0.151		mg/Kg	☼	109	69 - 140	10	30
Aldrin	0.0070	U	0.139	0.129		mg/Kg	☼	92	68 - 136	6	30
Aldrin	0.0070	U	0.139	0.158		mg/Kg	☼	114	68 - 136	10	30
alpha-BHC	0.0021	U	0.139	0.143		mg/Kg	☼	103	71 - 136	5	30
alpha-BHC	0.0021	U	0.139	0.174		mg/Kg	☼	125	71 - 136	10	30
beta-BHC	0.0021	U	0.139	0.139		mg/Kg	☼	100	67 - 133	5	30
beta-BHC	0.0021	U	0.139	0.161		mg/Kg	☼	116	67 - 133	10	30
cis-Chlordane	0.0070	U	0.139	0.130		mg/Kg	☼	94	70 - 140	5	30
cis-Chlordane	0.0070	U	0.139	0.164		mg/Kg	☼	118	70 - 140	9	30
delta-BHC	0.0021	U	0.139	0.150		mg/Kg	☼	108	70 - 135	6	30
delta-BHC	0.0021	U	0.139	0.180		mg/Kg	☼	129	70 - 135	10	30
Dieldrin	0.0021	U	0.139	0.125		mg/Kg	☼	90	71 - 135	5	30
Dieldrin	0.0021	U	0.139	0.163		mg/Kg	☼	117	71 - 135	9	30
Endosulfan I	0.0070	U	0.139	0.131		mg/Kg	☼	94	70 - 141	9	30
Endosulfan I	0.0070	U	0.139	0.162		mg/Kg	☼	116	70 - 141	9	30
Endosulfan II	0.0070	U	0.139	0.136		mg/Kg	☼	98	75 - 141	4	30
Endosulfan II	0.0070	U	0.139	0.163		mg/Kg	☼	117	75 - 141	9	30
Endosulfan sulfate	0.0070	U	0.139	0.130		mg/Kg	☼	93	67 - 130	4	30
Endosulfan sulfate	0.0070	U	0.139	0.162		mg/Kg	☼	116	67 - 130	9	30
Endrin	0.0070	U	0.139	0.125		mg/Kg	☼	90	66 - 143	4	30
Endrin	0.0070	U	0.139	0.159		mg/Kg	☼	115	66 - 143	9	30
Endrin aldehyde	0.0070	U	0.139	0.132		mg/Kg	☼	95	70 - 132	4	30
Endrin aldehyde	0.0070	U	0.139	0.152		mg/Kg	☼	109	70 - 132	10	30
Endrin ketone	0.0070	U	0.139	0.132		mg/Kg	☼	95	66 - 137	5	30
Endrin ketone	0.0070	U	0.139	0.165		mg/Kg	☼	118	66 - 137	10	30
gamma-BHC (Lindane)	0.0021	U	0.139	0.142		mg/Kg	☼	102	71 - 137	5	30
gamma-BHC (Lindane)	0.0021	U	0.139	0.167		mg/Kg	☼	120	71 - 137	10	30
Heptachlor	0.0070	U	0.139	0.137		mg/Kg	☼	98	70 - 140	5	30
Heptachlor	0.0070	U	0.139	0.162		mg/Kg	☼	116	70 - 140	11	30
Heptachlor epoxide	0.0070	U	0.139	0.132		mg/Kg	☼	95	70 - 135	5	30
Heptachlor epoxide	0.0070	U	0.139	0.161		mg/Kg	☼	116	70 - 135	7	30
Methoxychlor	0.0070	U	0.139	0.123		mg/Kg	☼	88	63 - 138	4	30
Methoxychlor	0.0070	U	0.139	0.140		mg/Kg	☼	100	63 - 138	8	30

Surrogate	*MSD %Recovery*	*MSD Qualifier*	*Limits*
DCB Decachlorobiphenyl	*76*		*10 - 150*
DCB Decachlorobiphenyl	*98*		*10 - 150*
Tetrachloro-m-xylene	*77*		*14 - 150*
Tetrachloro-m-xylene	*82*		*14 - 150*

Method: 8082A - Polychlorinated Biphenyls (PCBs) by Gas Chromatography

Lab Sample ID: MB 460-1066081/1-A
Matrix: Solid
Analysis Batch: 1066321

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 1066081

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Aroclor 1016	0.067	U	0.067	0.018	mg/Kg		10/05/25 15:56	10/06/25 18:49	1
Aroclor 1016	0.067	U	0.067	0.018	mg/Kg		10/05/25 15:56	10/06/25 18:49	1
Aroclor 1221	0.067	U	0.067	0.018	mg/Kg		10/05/25 15:56	10/06/25 18:49	1
Aroclor 1221	0.067	U	0.067	0.018	mg/Kg		10/05/25 15:56	10/06/25 18:49	1
Aroclor 1232	0.067	U	0.067	0.018	mg/Kg		10/05/25 15:56	10/06/25 18:49	1
Aroclor 1232	0.067	U	0.067	0.018	mg/Kg		10/05/25 15:56	10/06/25 18:49	1
Aroclor 1242	0.067	U	0.067	0.018	mg/Kg		10/05/25 15:56	10/06/25 18:49	1
Aroclor 1242	0.067	U	0.067	0.018	mg/Kg		10/05/25 15:56	10/06/25 18:49	1
Aroclor 1248	0.067	U	0.067	0.018	mg/Kg		10/05/25 15:56	10/06/25 18:49	1
Aroclor 1248	0.067	U	0.067	0.018	mg/Kg		10/05/25 15:56	10/06/25 18:49	1
Aroclor 1254	0.067	U	0.067	0.018	mg/Kg		10/05/25 15:56	10/06/25 18:49	1
Aroclor 1254	0.067	U	0.067	0.018	mg/Kg		10/05/25 15:56	10/06/25 18:49	1
Aroclor 1260	0.067	U	0.067	0.018	mg/Kg		10/05/25 15:56	10/06/25 18:49	1
Aroclor 1260	0.067	U	0.067	0.018	mg/Kg		10/05/25 15:56	10/06/25 18:49	1
Aroclor-1262	0.067	U	0.067	0.018	mg/Kg		10/05/25 15:56	10/06/25 18:49	1
Aroclor-1262	0.067	U	0.067	0.018	mg/Kg		10/05/25 15:56	10/06/25 18:49	1
Aroclor 1268	0.067	U	0.067	0.018	mg/Kg		10/05/25 15:56	10/06/25 18:49	1
Aroclor 1268	0.067	U	0.067	0.018	mg/Kg		10/05/25 15:56	10/06/25 18:49	1
Polychlorinated biphenyls, Total	0.067	U	0.067	0.018	mg/Kg		10/05/25 15:56	10/06/25 18:49	1
Polychlorinated biphenyls, Total	0.067	U	0.067	0.018	mg/Kg		10/05/25 15:56	10/06/25 18:49	1

Surrogate	*MB %Recovery*	*MB Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
DCB Decachlorobiphenyl	*73*		*10 - 150*	*10/05/25 15:56*	*10/06/25 18:49*	*1*
DCB Decachlorobiphenyl	*85*		*10 - 150*	*10/05/25 15:56*	*10/06/25 18:49*	*1*
Tetrachloro-m-xylene	*75*		*10 - 150*	*10/05/25 15:56*	*10/06/25 18:49*	*1*
Tetrachloro-m-xylene	*83*		*10 - 150*	*10/05/25 15:56*	*10/06/25 18:49*	*1*

Lab Sample ID: LCS 460-1066081/2-A
Matrix: Solid
Analysis Batch: 1066321

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 1066081

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
Aroclor 1016	0.333	0.234		mg/Kg		70	59 - 149
Aroclor 1016	0.333	0.272		mg/Kg		82	59 - 149
Aroclor 1260	0.333	0.238		mg/Kg		71	62 - 145
Aroclor 1260	0.333	0.253		mg/Kg		76	62 - 145

Surrogate	*LCS %Recovery*	*LCS Qualifier*	*Limits*
DCB Decachlorobiphenyl	*89*		*10 - 150*
DCB Decachlorobiphenyl	*99*		*10 - 150*
Tetrachloro-m-xylene	*79*		*10 - 150*
Tetrachloro-m-xylene	*89*		*10 - 150*

Method: 8082A - Polychlorinated Biphenyls (PCBs) by Gas Chromatography (Continued)

Lab Sample ID: LCSD 460-1066081/3-A
Matrix: Solid
Analysis Batch: 1066321

Client Sample ID: Lab Control Sample Dup
Prep Type: Total/NA
Prep Batch: 1066081

Analyte			Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Aroclor 1016			0.333	0.224		mg/Kg		67	59 - 149	4	30
Aroclor 1016			0.333	0.244		mg/Kg		73	59 - 149	11	30
Aroclor 1260			0.333	0.220		mg/Kg		66	62 - 145	8	30
Aroclor 1260			0.333	0.225		mg/Kg		68	62 - 145	11	30

Surrogate	*LCSD %Recovery*	*LCSD Qualifier*	*Limits*
DCB Decachlorobiphenyl	*71*		*10 - 150*
DCB Decachlorobiphenyl	*87*		*10 - 150*
Tetrachloro-m-xylene	*76*		*10 - 150*
Tetrachloro-m-xylene	*86*		*10 - 150*

Lab Sample ID: 460-336309-1 MS
Matrix: Solid
Analysis Batch: 1066321

Client Sample ID: 6D_0-6
Prep Type: Total/NA
Prep Batch: 1066081

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec Limits
Aroclor 1016	0.070	U	0.348	0.243		mg/Kg	☼	70	59 - 149
Aroclor 1016	0.070	U	0.348	0.266		mg/Kg	☼	76	59 - 149
Aroclor 1260	0.070	U	0.348	0.251		mg/Kg	☼	72	62 - 145
Aroclor 1260	0.070	U	0.348	0.239		mg/Kg	☼	69	62 - 145

Surrogate	*MS %Recovery*	*MS Qualifier*	*Limits*
DCB Decachlorobiphenyl	*81*		*10 - 150*
DCB Decachlorobiphenyl	*94*		*10 - 150*
Tetrachloro-m-xylene	*81*		*10 - 150*
Tetrachloro-m-xylene	*93*		*10 - 150*

Lab Sample ID: 460-336309-1 MSD
Matrix: Solid
Analysis Batch: 1066321

Client Sample ID: 6D_0-6
Prep Type: Total/NA
Prep Batch: 1066081

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Aroclor 1016	0.070	U	0.348	0.268		mg/Kg	☼	77	59 - 149	10	30
Aroclor 1016	0.070	U	0.348	0.292		mg/Kg	☼	84	59 - 149	9	30
Aroclor 1260	0.070	U	0.348	0.276		mg/Kg	☼	79	62 - 145	10	30
Aroclor 1260	0.070	U	0.348	0.271		mg/Kg	☼	78	62 - 145	13	30

Surrogate	*MSD %Recovery*	*MSD Qualifier*	*Limits*
DCB Decachlorobiphenyl	*110*		*10 - 150*
DCB Decachlorobiphenyl	*111*		*10 - 150*
Tetrachloro-m-xylene	*97*		*10 - 150*
Tetrachloro-m-xylene	*107*		*10 - 150*

Method: 1633A - Per- and Polyfluoroalkyl Substances by LC/MS/MS, 1633A

Lab Sample ID: MB 410-710609/1-A
Matrix: Solid
Analysis Batch: 711345

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 710609

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Perfluorobutanoic acid (PFBA)	0.39	U	0.39	0.099	ug/Kg		10/08/25 06:11	10/09/25 08:54	1
Perfluoropentanoic acid (PFPeA)	0.20	U	0.20	0.099	ug/Kg		10/08/25 06:11	10/09/25 08:54	1
Perfluorohexanoic acid (PFHxA)	0.20	U	0.20	0.099	ug/Kg		10/08/25 06:11	10/09/25 08:54	1
Perfluoroheptanoic acid (PFHpA)	0.20	U	0.20	0.099	ug/Kg		10/08/25 06:11	10/09/25 08:54	1
Perfluorooctanoic acid (PFOA)	0.20	U	0.20	0.059	ug/Kg		10/08/25 06:11	10/09/25 08:54	1
Perfluorononanoic acid (PFNA)	0.20	U	0.20	0.099	ug/Kg		10/08/25 06:11	10/09/25 08:54	1
Perfluorodecanoic acid (PFDA)	0.20	U	0.20	0.059	ug/Kg		10/08/25 06:11	10/09/25 08:54	1
Perfluoroundecanoic acid (PFUnA)	0.20	U	0.20	0.099	ug/Kg		10/08/25 06:11	10/09/25 08:54	1
Perfluorododecanoic acid (PFDoA)	0.20	U	0.20	0.099	ug/Kg		10/08/25 06:11	10/09/25 08:54	1
Perfluorotridecanoic acid (PFTrDA)	0.20	U	0.20	0.099	ug/Kg		10/08/25 06:11	10/09/25 08:54	1
Perfluorotetradecanoic acid (PFTeDA)	0.20	U	0.20	0.099	ug/Kg		10/08/25 06:11	10/09/25 08:54	1
Perfluorobutanesulfonic acid (PFBS)	0.20	U	0.20	0.099	ug/Kg		10/08/25 06:11	10/09/25 08:54	1
Perfluoropentanesulfonic acid (PFPeS)	0.20	U	0.20	0.099	ug/Kg		10/08/25 06:11	10/09/25 08:54	1
Perfluorohexanesulfonic acid (PFHxS)	0.20	U	0.20	0.099	ug/Kg		10/08/25 06:11	10/09/25 08:54	1
Perfluoroheptanesulfonic acid (PFHpS)	0.20	U	0.20	0.099	ug/Kg		10/08/25 06:11	10/09/25 08:54	1
Perfluorooctanesulfonic acid (PFOS)	0.20	U	0.20	0.099	ug/Kg		10/08/25 06:11	10/09/25 08:54	1
Perfluorononanesulfonic acid (PFNS)	0.20	U	0.20	0.099	ug/Kg		10/08/25 06:11	10/09/25 08:54	1
Perfluorodecanesulfonic acid (PFDS)	0.20	U	0.20	0.099	ug/Kg		10/08/25 06:11	10/09/25 08:54	1
Perfluorododecanesulfonic acid (PFDoS)	0.20	U	0.20	0.099	ug/Kg		10/08/25 06:11	10/09/25 08:54	1
1H,1H,2H,2H-Perfluorohexane sulfonic acid (4:2 FTS)	0.39	U	0.39	0.20	ug/Kg		10/08/25 06:11	10/09/25 08:54	1
1H,1H,2H,2H-Perfluorooctane sulfonic acid (6:2 FTS)	0.39	U	0.39	0.20	ug/Kg		10/08/25 06:11	10/09/25 08:54	1
1H,1H,2H,2H-Perfluorodecane sulfonic acid (8:2 FTS)	0.39	U	0.39	0.20	ug/Kg		10/08/25 06:11	10/09/25 08:54	1
Perfluorooctanesulfonamide (PFOSA)	0.20	U	0.20	0.099	ug/Kg		10/08/25 06:11	10/09/25 08:54	1
N-methylperfluorooctane sulfonamide (NMeFOSA)	0.20	U	0.20	0.099	ug/Kg		10/08/25 06:11	10/09/25 08:54	1
N-ethylperfluorooctane sulfonamide (NEtFOSA)	0.20	U	0.20	0.099	ug/Kg		10/08/25 06:11	10/09/25 08:54	1
N-methylperfluorooctanesulfonamidoacetic acid (NMeFOSAA)	0.20	U	0.20	0.099	ug/Kg		10/08/25 06:11	10/09/25 08:54	1
N-ethylperfluorooctanesulfonamidoacetic acid (NEtFOSAA)	0.20	U	0.20	0.099	ug/Kg		10/08/25 06:11	10/09/25 08:54	1
N-methylperfluorooctane sulfonamidoethanol (NMeFOSE)	0.99	U	0.99	0.49	ug/Kg		10/08/25 06:11	10/09/25 08:54	1
N-ethylperfluorooctane sulfonamidoethanol (NEtFOSE)	0.99	U	0.99	0.49	ug/Kg		10/08/25 06:11	10/09/25 08:54	1
Hexafluoropropylene Oxide Dimer Acid (HFPO-DA)	0.20	U	0.20	0.099	ug/Kg		10/08/25 06:11	10/09/25 08:54	1
4,8-Dioxa-3H-perfluorononanoic acid (ADONA)	0.20	U	0.20	0.099	ug/Kg		10/08/25 06:11	10/09/25 08:54	1
Perfluoro-3-methoxypropanoic acid (PFMPA)	0.20	U	0.20	0.099	ug/Kg		10/08/25 06:11	10/09/25 08:54	1
Perfluoro-4-methoxybutanoic acid (PFMBA)	0.20	U	0.20	0.099	ug/Kg		10/08/25 06:11	10/09/25 08:54	1
Nonafluoro-3,6-dioxaheptanoic acid (NFDHA)	0.20	U	0.20	0.099	ug/Kg		10/08/25 06:11	10/09/25 08:54	1
9-Chlorohexadecafluoro-3-oxanonane-1-sulfonic acid (9Cl-PF3ONS)	0.20	U	0.20	0.099	ug/Kg		10/08/25 06:11	10/09/25 08:54	1

Method: 1633A - Per- and Polyfluoroalkyl Substances by LC/MS/MS, 1633A (Continued)

Lab Sample ID: MB 410-710609/1-A
Matrix: Solid
Analysis Batch: 711345

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 710609

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
11-Chloroeicosafluoro-3-oxaundecane-1-sulfonic acid (11Cl-PF3OUdS)	0.20	U	0.20	0.099	ug/Kg		10/08/25 06:11	10/09/25 08:54	1
Perfluoro (2-ethoxyethane) sulfonic acid (PFEESA)	0.20	U	0.20	0.099	ug/Kg		10/08/25 06:11	10/09/25 08:54	1
3-Perfluoropropylpropanoic acid (3:3 FTCA)	0.39	U	0.39	0.20	ug/Kg		10/08/25 06:11	10/09/25 08:54	1
3-Perfluoropentylpropanoic acid (5:3 FTCA)	0.99	U	0.99	0.49	ug/Kg		10/08/25 06:11	10/09/25 08:54	1
3-Perfluoroheptylpropanoic acid (7:3 FTCA)	0.99	U	0.99	0.49	ug/Kg		10/08/25 06:11	10/09/25 08:54	1

Isotope Dilution	*MB %Recovery*	*MB Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
13C4 PFBA	*105*		*8 - 130*	*10/08/25 06:11*	*10/09/25 08:54*	*1*
13C5 PFPeA	*100*		*35 - 130*	*10/08/25 06:11*	*10/09/25 08:54*	*1*
13C5 PFHxA	*105*		*40 - 130*	*10/08/25 06:11*	*10/09/25 08:54*	*1*
13C4 PFHpA	*97.2*		*40 - 130*	*10/08/25 06:11*	*10/09/25 08:54*	*1*
13C8 PFOA	*99.8*		*40 - 130*	*10/08/25 06:11*	*10/09/25 08:54*	*1*
13C9 PFNA	*104*		*40 - 130*	*10/08/25 06:11*	*10/09/25 08:54*	*1*
13C6 PFDA	*97.4*		*40 - 130*	*10/08/25 06:11*	*10/09/25 08:54*	*1*
13C7 PFUnA	*90.5*		*40 - 130*	*10/08/25 06:11*	*10/09/25 08:54*	*1*
13C2 PFTeDA	*71.1*		*20 - 130*	*10/08/25 06:11*	*10/09/25 08:54*	*1*
13C3 PFBS	*110*		*40 - 135*	*10/08/25 06:11*	*10/09/25 08:54*	*1*
13C3 PFHxS	*93.0*		*40 - 130*	*10/08/25 06:11*	*10/09/25 08:54*	*1*
13C8 PFOS	*100*		*40 - 130*	*10/08/25 06:11*	*10/09/25 08:54*	*1*
13C8 FOSA	*96.4*		*40 - 130*	*10/08/25 06:11*	*10/09/25 08:54*	*1*
d3-NMeFOSAA	*86.4*		*40 - 135*	*10/08/25 06:11*	*10/09/25 08:54*	*1*
d5-NEtFOSAA	*76.9*		*40 - 150*	*10/08/25 06:11*	*10/09/25 08:54*	*1*
13C2 4:2 FTS	*103*		*40 - 165*	*10/08/25 06:11*	*10/09/25 08:54*	*1*
13C2 6:2 FTS	*93.3*		*40 - 215*	*10/08/25 06:11*	*10/09/25 08:54*	*1*
13C2 8:2 FTS	*109*		*40 - 275*	*10/08/25 06:11*	*10/09/25 08:54*	*1*
13C3 HFPO-DA	*98.0*		*40 - 130*	*10/08/25 06:11*	*10/09/25 08:54*	*1*
d7-N-MeFOSE-M	*52.0*		*20 - 130*	*10/08/25 06:11*	*10/09/25 08:54*	*1*
d9-N-EtFOSE-M	*41.4*		*15 - 130*	*10/08/25 06:11*	*10/09/25 08:54*	*1*
d5-NEtPFOSA	*74.6*		*10 - 130*	*10/08/25 06:11*	*10/09/25 08:54*	*1*
d3-NMePFOSA	*83.9*		*10 - 130*	*10/08/25 06:11*	*10/09/25 08:54*	*1*
13C2 PFDoA	*86.7*		*40 - 130*	*10/08/25 06:11*	*10/09/25 08:54*	*1*

Lab Sample ID: LCS 410-710609/2-A
Matrix: Solid
Analysis Batch: 711345

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 710609

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
Perfluorobutanoic acid (PFBA)	4.78	4.631		ug/Kg		97	70 - 140
Perfluoropentanoic acid (PFPeA)	2.39	2.216		ug/Kg		93	60 - 150
Perfluorohexanoic acid (PFHxA)	2.39	2.238		ug/Kg		94	65 - 140
Perfluoroheptanoic acid (PFHpA)	2.39	2.225		ug/Kg		93	65 - 145
Perfluorooctanoic acid (PFOA)	2.39	2.280		ug/Kg		95	70 - 150
Perfluorononanoic acid (PFNA)	2.39	2.286		ug/Kg		96	70 - 155
Perfluorodecanoic acid (PFDA)	2.39	2.133		ug/Kg		89	70 - 155

Method: 1633A - Per- and Polyfluoroalkyl Substances by LC/MS/MS, 1633A (Continued)

Lab Sample ID: LCS 410-710609/2-A
Matrix: Solid
Analysis Batch: 711345

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 710609

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
Perfluoroundecanoic acid (PFUnA)	2.39	2.147		ug/Kg		90	70 - 155
Perfluorododecanoic acid (PFDoA)	2.39	2.245		ug/Kg		94	70 - 150
Perfluorotridecanoic acid (PFTrDA)	2.39	2.234		ug/Kg		93	65 - 150
Perfluorotetradecanoic acid (PFTeDA)	2.39	2.282		ug/Kg		95	65 - 150
Perfluorobutanesulfonic acid (PFBS)	2.12	2.236		ug/Kg		105	65 - 145
Perfluoropentanesulfonic acid (PFPeS)	2.25	2.407		ug/Kg		107	55 - 160
Perfluorohexanesulfonic acid (PFHxS)	2.18	2.482		ug/Kg		114	60 - 150
Perfluoroheptanesulfonic acid (PFHpS)	2.28	2.222		ug/Kg		97	65 - 155
Perfluorooctanesulfonic acid (PFOS)	2.22	1.993		ug/Kg		90	65 - 160
Perfluorononanesulfonic acid (PFNS)	2.30	2.074		ug/Kg		90	55 - 140
Perfluorodecanesulfonic acid (PFDS)	2.31	2.035		ug/Kg		88	40 - 155
Perfluorododecanesulfonic acid (PFDoS)	2.32	1.624		ug/Kg		70	25 - 160
1H,1H,2H,2H-Perfluorohexane sulfonic acid (4:2 FTS)	4.49	4.203		ug/Kg		94	60 - 150
1H,1H,2H,2H-Perfluorooctane sulfonic acid (6:2 FTS)	4.56	4.730		ug/Kg		104	55 - 200
1H,1H,2H,2H-Perfluorodecane sulfonic acid (8:2 FTS)	4.59	4.589		ug/Kg		100	70 - 150
Perfluorooctanesulfonamide (PFOSA)	2.39	2.414		ug/Kg		101	70 - 140
N-methylperfluorooctane sulfonamide (NMeFOSA)	2.39	2.173		ug/Kg		91	70 - 155
N-ethylperfluorooctane sulfonamide (NEtFOSA)	2.39	2.340		ug/Kg		98	70 - 140
N-methylperfluorooctanesulfonamidoacetic acid (NMeFOSAA)	2.39	2.324		ug/Kg		97	65 - 155
N-ethylperfluorooctanesulfonamidoacetic acid (NEtFOSAA)	2.39	2.249		ug/Kg		94	65 - 165
N-methylperfluorooctane sulfonamidoethanol (NMeFOSE)	12.0	12.40		ug/Kg		104	70 - 140
N-ethylperfluorooctane sulfonamidoethanol (NEtFOSE)	12.0	13.08		ug/Kg		109	70 - 135
Hexafluoropropylene Oxide Dimer Acid (HFPO-DA)	1.79	1.865		ug/Kg		104	70 - 145
4,8-Dioxa-3H-perfluorononanoic acid (ADONA)	2.26	2.513		ug/Kg		111	70 - 160
Perfluoro-3-methoxypropanoic acid (PFMPA)	2.39	2.001		ug/Kg		84	30 - 140
Perfluoro-4-methoxybutanoic acid (PFMBA)	2.39	2.123		ug/Kg		89	60 - 150
Nonafluoro-3,6-dioxaheptanoic acid (NFDHA)	2.39	2.063		ug/Kg		86	60 - 155

Method: 1633A - Per- and Polyfluoroalkyl Substances by LC/MS/MS, 1633A (Continued)

Lab Sample ID: LCS 410-710609/2-A
Matrix: Solid
Analysis Batch: 711345

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 710609

Analyte			Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits		
9-Chlorohexadecafluoro-3-oxanonane-1-sulfonic acid (9Cl-PF3ONS)			2.23	2.098		ug/Kg		94	70 - 150		
11-Chloroeicosafluoro-3-oxaundecane-1-sulfonic acid (11Cl-PF3OUdS)			2.26	1.867		ug/Kg		83	45 - 160		
Perfluoro (2-ethoxyethane) sulfonic acid (PFEESA)			2.13	2.136		ug/Kg		100	70 - 140		
3-Perfluoropropylpropanoic acid (3:3 FTCA)			4.78	3.719		ug/Kg		78	45 - 130		
3-Perfluoropentylpropanoic acid (5:3 FTCA)			12.0	10.80		ug/Kg		90	60 - 130		
3-Perfluoroheptylpropanoic acid (7:3 FTCA)			12.0	9.231		ug/Kg		77	60 - 150		

Isotope Dilution	*LCS %Recovery*	*LCS Qualifier*	*Limits*
13C4 PFBA	*100*		*8 - 130*
13C5 PFPeA	*104*		*35 - 130*
13C5 PFHxA	*98.8*		*40 - 130*
13C4 PFHpA	*97.4*		*40 - 130*
13C8 PFOA	*93.3*		*40 - 130*
13C9 PFNA	*96.7*		*40 - 130*
13C6 PFDA	*90.2*		*40 - 130*
13C7 PFUnA	*90.4*		*40 - 130*
13C2 PFTeDA	*68.4*		*20 - 130*
13C3 PFBS	*100*		*40 - 135*
13C3 PFHxS	*89.4*		*40 - 130*
13C8 PFOS	*93.6*		*40 - 130*
13C8 FOSA	*90.1*		*40 - 130*
d3-NMeFOSAA	*82.1*		*40 - 135*
d5-NEtFOSAA	*72.5*		*40 - 150*
13C2 4:2 FTS	*93.5*		*40 - 165*
13C2 6:2 FTS	*85.0*		*40 - 215*
13C2 8:2 FTS	*110*		*40 - 275*
13C3 HFPO-DA	*87.1*		*40 - 130*
d7-N-MeFOSE-M	*45.8*		*20 - 130*
d9-N-EtFOSE-M	*38.9*		*15 - 130*
d5-NEtPFOSA	*72.0*		*10 - 130*
d3-NMePFOSA	*82.0*		*10 - 130*
13C2 PFDoA	*85.0*		*40 - 130*

Lab Sample ID: LCSD 410-710609/3-A
Matrix: Solid
Analysis Batch: 711345

Client Sample ID: Lab Control Sample Dup
Prep Type: Total/NA
Prep Batch: 710609

Analyte			Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Perfluorobutanoic acid (PFBA)			4.76	4.802		ug/Kg		101	70 - 140	4	30
Perfluoropentanoic acid (PFPeA)			2.38	2.240		ug/Kg		94	60 - 150	1	30
Perfluorohexanoic acid (PFHxA)			2.38	2.272		ug/Kg		95	65 - 140	2	30
Perfluoroheptanoic acid (PFHpA)			2.38	2.488		ug/Kg		104	65 - 145	11	30
Perfluorooctanoic acid (PFOA)			2.38	2.258		ug/Kg		95	70 - 150	1	30

Method: 1633A - Per- and Polyfluoroalkyl Substances by LC/MS/MS, 1633A (Continued)

Lab Sample ID: LCSD 410-710609/3-A
Matrix: Solid
Analysis Batch: 711345

Client Sample ID: Lab Control Sample Dup
Prep Type: Total/NA
Prep Batch: 710609

Analyte	Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Perfluorononanoic acid (PFNA)	2.38	2.178		ug/Kg		91	70 - 155	5	30
Perfluorodecanoic acid (PFDA)	2.38	2.228		ug/Kg		94	70 - 155	4	30
Perfluoroundecanoic acid (PFUnA)	2.38	2.201		ug/Kg		92	70 - 155	3	30
Perfluorododecanoic acid (PFDoA)	2.38	2.345		ug/Kg		98	70 - 150	4	30
Perfluorotridecanoic acid (PFTrDA)	2.38	2.391		ug/Kg		100	65 - 150	7	30
Perfluorotetradecanoic acid (PFTeDA)	2.38	2.149		ug/Kg		90	65 - 150	6	30
Perfluorobutanesulfonic acid (PFBS)	2.11	2.192		ug/Kg		104	65 - 145	2	30
Perfluoropentanesulfonic acid (PFPeS)	2.24	2.363		ug/Kg		106	55 - 160	2	30
Perfluorohexanesulfonic acid (PFHxS)	2.17	2.372		ug/Kg		109	60 - 150	5	30
Perfluoroheptanesulfonic acid (PFHpS)	2.27	2.056		ug/Kg		91	65 - 155	8	30
Perfluorooctanesulfonic acid (PFOS)	2.21	2.043		ug/Kg		92	65 - 160	3	30
Perfluorononanesulfonic acid (PFNS)	2.29	2.225		ug/Kg		97	55 - 140	7	30
Perfluorodecanesulfonic acid (PFDS)	2.30	2.204		ug/Kg		96	40 - 155	8	30
Perfluorododecanesulfonic acid (PFDoS)	2.31	1.749		ug/Kg		76	25 - 160	7	30
1H,1H,2H,2H-Perfluorohexane sulfonic acid (4:2 FTS)	4.47	4.491		ug/Kg		101	60 - 150	7	30
1H,1H,2H,2H-Perfluorooctane sulfonic acid (6:2 FTS)	4.53	4.521		ug/Kg		100	55 - 200	5	30
1H,1H,2H,2H-Perfluorodecane sulfonic acid (8:2 FTS)	4.57	4.691		ug/Kg		103	70 - 150	2	30
Perfluorooctanesulfonamide (PFOSA)	2.38	2.444		ug/Kg		103	70 - 140	1	30
N-methylperfluorooctane sulfonamide (NMeFOSA)	2.38	2.276		ug/Kg		96	70 - 155	5	30
N-ethylperfluorooctane sulfonamide (NEtFOSA)	2.38	2.429		ug/Kg		102	70 - 140	4	30
N-methylperfluorooctanesulfonamidoacetic acid (NMeFOSAA)	2.38	2.389		ug/Kg		100	65 - 155	3	30
N-ethylperfluorooctanesulfonamidoacetic acid (NEtFOSAA)	2.38	2.267		ug/Kg		95	65 - 165	1	30
N-methylperfluorooctane sulfonamidoethanol (NMeFOSE)	11.9	12.57		ug/Kg		106	70 - 140	1	30
N-ethylperfluorooctane sulfonamidoethanol (NEtFOSE)	11.9	12.89		ug/Kg		108	70 - 135	1	30
Hexafluoropropylene Oxide Dimer Acid (HFPO-DA)	1.79	1.857		ug/Kg		104	70 - 145	0	30
4,8-Dioxa-3H-perfluorononanoic acid (ADONA)	2.25	2.545		ug/Kg		113	70 - 160	1	30
Perfluoro-3-methoxypropanoic acid (PFMPA)	2.38	2.185		ug/Kg		92	30 - 140	9	30
Perfluoro-4-methoxybutanoic acid (PFMBA)	2.38	2.297		ug/Kg		96	60 - 150	8	30

Method: 1633A - Per- and Polyfluoroalkyl Substances by LC/MS/MS, 1633A (Continued)

Lab Sample ID: LCSD 410-710609/3-A
Matrix: Solid
Analysis Batch: 711345

Client Sample ID: Lab Control Sample Dup
Prep Type: Total/NA
Prep Batch: 710609

Analyte			Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Nonafluoro-3,6-dioxaheptanoic acid (NFDHA)			2.38	2.172		ug/Kg		91	60 - 155	5	30
9-Chlorohexadecafluoro-3-oxanonane-1-sulfonic acid (9Cl-PF3ONS)			2.22	2.163		ug/Kg		97	70 - 150	3	30
11-Chloroeicosafluoro-3-oxaundecane-1-sulfonic acid (11Cl-PF3OUdS)			2.25	1.919		ug/Kg		85	45 - 160	3	30
Perfluoro (2-ethoxyethane) sulfonic acid (PFEESA)			2.12	2.333		ug/Kg		110	70 - 140	9	30
3-Perfluoropropylpropanoic acid (3:3 FTCA)			4.76	4.106		ug/Kg		86	45 - 130	10	30
3-Perfluoropentylpropanoic acid (5:3 FTCA)			11.9	10.92		ug/Kg		92	60 - 130	1	30
3-Perfluoroheptylpropanoic acid (7:3 FTCA)			11.9	10.12		ug/Kg		85	60 - 150	9	30

Isotope Dilution	*LCSD %Recovery*	*LCSD Qualifier*	*Limits*
13C4 PFBA	*90.8*		*8 - 130*
13C5 PFPeA	*93.7*		*35 - 130*
13C5 PFHxA	*90.5*		*40 - 130*
13C4 PFHpA	*86.4*		*40 - 130*
13C8 PFOA	*85.7*		*40 - 130*
13C9 PFNA	*95.0*		*40 - 130*
13C6 PFDA	*82.5*		*40 - 130*
13C7 PFUnA	*81.3*		*40 - 130*
13C2 PFTeDA	*58.9*		*20 - 130*
13C3 PFBS	*93.9*		*40 - 135*
13C3 PFHxS	*85.0*		*40 - 130*
13C8 PFOS	*86.3*		*40 - 130*
13C8 FOSA	*82.4*		*40 - 130*
d3-NMeFOSAA	*75.8*		*40 - 135*
d5-NEtFOSAA	*66.6*		*40 - 150*
13C2 4:2 FTS	*84.7*		*40 - 165*
13C2 6:2 FTS	*79.2*		*40 - 215*
13C2 8:2 FTS	*93.6*		*40 - 275*
13C3 HFPO-DA	*84.1*		*40 - 130*
d7-N-MeFOSE-M	*47.9*		*20 - 130*
d9-N-EtFOSE-M	*41.5*		*15 - 130*
d5-NEtPFOSA	*65.8*		*10 - 130*
d3-NMePFOSA	*74.2*		*10 - 130*
13C2 PFDoA	*77.9*		*40 - 130*

Lab Sample ID: LLCS 410-710609/4-A
Matrix: Solid
Analysis Batch: 711345

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 710609

Analyte			Spike Added	LLCS Result	LLCS Qualifier	Unit	D	%Rec	%Rec Limits
Perfluorobutanoic acid (PFBA)			0.478	0.403		ug/Kg		84	70 - 140
Perfluoropentanoic acid (PFPeA)			0.239	0.198		ug/Kg		83	60 - 150
Perfluorohexanoic acid (PFHxA)			0.239	0.204		ug/Kg		85	65 - 140

Method: 1633A - Per- and Polyfluoroalkyl Substances by LC/MS/MS, 1633A (Continued)

Lab Sample ID: LLCS 410-710609/4-A
Matrix: Solid
Analysis Batch: 711345

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 710609

Analyte	Spike Added	LLCS Result	LLCS Qualifier	Unit	D	%Rec	%Rec Limits
Perfluoroheptanoic acid (PFHpA)	0.239	0.216		ug/Kg		90	65 - 145
Perfluorooctanoic acid (PFOA)	0.239	0.206		ug/Kg		86	70 - 150
Perfluorononanoic acid (PFNA)	0.239	0.203		ug/Kg		85	70 - 155
Perfluorodecanoic acid (PFDA)	0.239	0.207		ug/Kg		87	70 - 155
Perfluoroundecanoic acid (PFUnA)	0.239	0.204		ug/Kg		85	70 - 155
Perfluorododecanoic acid (PFDoA)	0.239	0.192		ug/Kg		80	70 - 150
Perfluorotridecanoic acid (PFTrDA)	0.239	0.197		ug/Kg		82	65 - 150
Perfluorotetradecanoic acid (PFTeDA)	0.239	0.205		ug/Kg		86	65 - 150
Perfluorobutanesulfonic acid (PFBS)	0.212	0.201		ug/Kg		95	65 - 145
Perfluoropentanesulfonic acid (PFPeS)	0.225	0.217		ug/Kg		96	55 - 160
Perfluorohexanesulfonic acid (PFHxS)	0.218	0.225		ug/Kg		103	60 - 150
Perfluoroheptanesulfonic acid (PFHpS)	0.228	0.200		ug/Kg		88	65 - 155
Perfluorooctanesulfonic acid (PFOS)	0.222	0.183	J	ug/Kg		82	65 - 160
Perfluorononanesulfonic acid (PFNS)	0.230	0.187	J	ug/Kg		81	55 - 140
Perfluorodecanesulfonic acid (PFDS)	0.231	0.182	J	ug/Kg		79	40 - 155
Perfluorododecanesulfonic acid (PFDoS)	0.232	0.159	J	ug/Kg		69	25 - 160
1H,1H,2H,2H-Perfluorohexane sulfonic acid (4:2 FTS)	0.449	0.393		ug/Kg		88	60 - 150
1H,1H,2H,2H-Perfluorooctane sulfonic acid (6:2 FTS)	0.456	0.448		ug/Kg		98	55 - 200
1H,1H,2H,2H-Perfluorodecane sulfonic acid (8:2 FTS)	0.459	0.409		ug/Kg		89	70 - 150
Perfluorooctanesulfonamide (PFOSA)	0.239	0.243		ug/Kg		102	70 - 140
N-methylperfluorooctane sulfonamide (NMeFOSA)	0.239	0.196		ug/Kg		82	70 - 155
N-ethylperfluorooctane sulfonamide (NEtFOSA)	0.239	0.205		ug/Kg		86	70 - 140
N-methylperfluorooctanesulfonamidoacetic acid (NMeFOSAA)	0.239	0.176	J	ug/Kg		74	65 - 155
N-ethylperfluorooctanesulfonamidoacetic acid (NEtFOSAA)	0.239	0.227		ug/Kg		95	65 - 165
N-methylperfluorooctane sulfonamidoethanol (NMeFOSE)	1.20	1.436		ug/Kg		120	70 - 140
N-ethylperfluorooctane sulfonamidoethanol (NEtFOSE)	1.20	1.290		ug/Kg		108	70 - 135
Hexafluoropropylene Oxide Dimer Acid (HFPO-DA)	0.179	0.208		ug/Kg		116	70 - 145
4,8-Dioxa-3H-perfluorononanoic acid (ADONA)	0.226	0.245		ug/Kg		108	70 - 160
Perfluoro-3-methoxypropanoic acid (PFMPA)	0.239	0.188	J	ug/Kg		78	30 - 140

Method: 1633A - Per- and Polyfluoroalkyl Substances by LC/MS/MS, 1633A (Continued)

Lab Sample ID: LLCS 410-710609/4-A
Matrix: Solid
Analysis Batch: 711345

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 710609

Analyte	Spike Added	LLCS Result	LLCS Qualifier	Unit	D	%Rec	%Rec Limits
Perfluoro-4-methoxybutanoic acid (PFMBA)	0.239	0.203		ug/Kg		85	60 - 150
Nonafluoro-3,6-dioxaheptanoic acid (NFDHA)	0.239	0.173	J	ug/Kg		72	60 - 155
9-Chlorohexadecafluoro-3-oxanonane-1-sulfonic acid (9Cl-PF3ONS)	0.223	0.207		ug/Kg		92	70 - 150
11-Chloroeicosafluoro-3-oxaundecane-1-sulfonic acid (11Cl-PF3OUdS)	0.226	0.198		ug/Kg		87	45 - 160
Perfluoro (2-ethoxyethane) sulfonic acid (PFEESA)	0.213	0.201		ug/Kg		94	70 - 140
3-Perfluoropropylpropanoic acid (3:3 FTCA)	0.478	0.413		ug/Kg		86	45 - 130
3-Perfluoropentylpropanoic acid (5:3 FTCA)	1.20	1.368		ug/Kg		114	60 - 130
3-Perfluoroheptylpropanoic acid (7:3 FTCA)	1.20	1.145		ug/Kg		96	60 - 150

Isotope Dilution	*LLCS %Recovery*	*LLCS Qualifier*	*Limits*
13C4 PFBA	*103*		*8 - 130*
13C5 PFPeA	*101*		*35 - 130*
13C5 PFHxA	*101*		*40 - 130*
13C4 PFHpA	*98.7*		*40 - 130*
13C8 PFOA	*96.5*		*40 - 130*
13C9 PFNA	*102*		*40 - 130*
13C6 PFDA	*90.4*		*40 - 130*
13C7 PFUnA	*92.2*		*40 - 130*
13C2 PFTeDA	*70.2*		*20 - 130*
13C3 PFBS	*106*		*40 - 135*
13C3 PFHxS	*92.7*		*40 - 130*
13C8 PFOS	*98.0*		*40 - 130*
13C8 FOSA	*95.5*		*40 - 130*
d3-NMeFOSAA	*84.2*		*40 - 135*
d5-NEtFOSAA	*71.4*		*40 - 150*
13C2 4:2 FTS	*91.6*		*40 - 165*
13C2 6:2 FTS	*87.8*		*40 - 215*
13C2 8:2 FTS	*107*		*40 - 275*
13C3 HFPO-DA	*92.7*		*40 - 130*
d7-N-MeFOSE-M	*57.7*		*20 - 130*
d9-N-EtFOSE-M	*46.8*		*15 - 130*
d5-NEtPFOSA	*77.0*		*10 - 130*
d3-NMePFOSA	*84.7*		*10 - 130*
13C2 PFDoA	*87.7*		*40 - 130*

Lab Sample ID: MB 410-711573/1-A
Matrix: Solid
Analysis Batch: 711815

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 711573

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Perfluorobutanoic acid (PFBA)	0.40	U	0.40	0.10	ug/Kg		10/09/25 14:14	10/10/25 04:25	1

Method: 1633A - Per- and Polyfluoroalkyl Substances by LC/MS/MS, 1633A (Continued)

Lab Sample ID: MB 410-711573/1-A
Matrix: Solid
Analysis Batch: 711815

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 711573

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Perfluoropentanoic acid (PFPeA)	0.20	U	0.20	0.10	ug/Kg		10/09/25 14:14	10/10/25 04:25	1
Perfluorohexanoic acid (PFHxA)	0.20	U	0.20	0.10	ug/Kg		10/09/25 14:14	10/10/25 04:25	1
Perfluoroheptanoic acid (PFHpA)	0.20	U	0.20	0.10	ug/Kg		10/09/25 14:14	10/10/25 04:25	1
Perfluorooctanoic acid (PFOA)	0.20	U	0.20	0.060	ug/Kg		10/09/25 14:14	10/10/25 04:25	1
Perfluorononanoic acid (PFNA)	0.20	U	0.20	0.10	ug/Kg		10/09/25 14:14	10/10/25 04:25	1
Perfluorodecanoic acid (PFDA)	0.20	U	0.20	0.060	ug/Kg		10/09/25 14:14	10/10/25 04:25	1
Perfluoroundecanoic acid (PFUnA)	0.20	U	0.20	0.10	ug/Kg		10/09/25 14:14	10/10/25 04:25	1
Perfluorododecanoic acid (PFDoA)	0.20	U	0.20	0.10	ug/Kg		10/09/25 14:14	10/10/25 04:25	1
Perfluorotridecanoic acid (PFTrDA)	0.20	U	0.20	0.10	ug/Kg		10/09/25 14:14	10/10/25 04:25	1
Perfluorotetradecanoic acid (PFTeDA)	0.20	U	0.20	0.10	ug/Kg		10/09/25 14:14	10/10/25 04:25	1
Perfluorobutanesulfonic acid (PFBS)	0.20	U	0.20	0.10	ug/Kg		10/09/25 14:14	10/10/25 04:25	1
Perfluoropentanesulfonic acid (PFPeS)	0.20	U	0.20	0.10	ug/Kg		10/09/25 14:14	10/10/25 04:25	1
Perfluorohexanesulfonic acid (PFHxS)	0.20	U	0.20	0.10	ug/Kg		10/09/25 14:14	10/10/25 04:25	1
Perfluoroheptanesulfonic acid (PFHpS)	0.20	U	0.20	0.10	ug/Kg		10/09/25 14:14	10/10/25 04:25	1
Perfluorooctanesulfonic acid (PFOS)	0.20	U	0.20	0.10	ug/Kg		10/09/25 14:14	10/10/25 04:25	1
Perfluorononanesulfonic acid (PFNS)	0.20	U	0.20	0.10	ug/Kg		10/09/25 14:14	10/10/25 04:25	1
Perfluorodecanesulfonic acid (PFDS)	0.20	U	0.20	0.10	ug/Kg		10/09/25 14:14	10/10/25 04:25	1
Perfluorododecanesulfonic acid (PFDoS)	0.20	U	0.20	0.10	ug/Kg		10/09/25 14:14	10/10/25 04:25	1
1H,1H,2H,2H-Perfluorohexane sulfonic acid (4:2 FTS)	0.40	U	0.40	0.20	ug/Kg		10/09/25 14:14	10/10/25 04:25	1
1H,1H,2H,2H-Perfluorooctane sulfonic acid (6:2 FTS)	0.40	U	0.40	0.20	ug/Kg		10/09/25 14:14	10/10/25 04:25	1
1H,1H,2H,2H-Perfluorodecane sulfonic acid (8:2 FTS)	0.40	U	0.40	0.20	ug/Kg		10/09/25 14:14	10/10/25 04:25	1
Perfluorooctanesulfonamide (PFOSA)	0.20	U	0.20	0.10	ug/Kg		10/09/25 14:14	10/10/25 04:25	1
N-methylperfluorooctane sulfonamide (NMeFOSA)	0.20	U	0.20	0.10	ug/Kg		10/09/25 14:14	10/10/25 04:25	1
N-ethylperfluorooctane sulfonamide (NEtFOSA)	0.20	U	0.20	0.10	ug/Kg		10/09/25 14:14	10/10/25 04:25	1
N-methylperfluorooctanesulfonamidoacetic acid (NMeFOSAA)	0.20	U	0.20	0.10	ug/Kg		10/09/25 14:14	10/10/25 04:25	1
N-ethylperfluorooctanesulfonamidoacetic acid (NEtFOSAA)	0.20	U	0.20	0.10	ug/Kg		10/09/25 14:14	10/10/25 04:25	1
N-methylperfluorooctane sulfonamidoethanol (NMeFOSE)	1.00	U	1.00	0.50	ug/Kg		10/09/25 14:14	10/10/25 04:25	1
N-ethylperfluorooctane sulfonamidoethanol (NEtFOSE)	1.00	U	1.00	0.50	ug/Kg		10/09/25 14:14	10/10/25 04:25	1
Hexafluoropropylene Oxide Dimer Acid (HFPO-DA)	0.20	U	0.20	0.10	ug/Kg		10/09/25 14:14	10/10/25 04:25	1
4,8-Dioxa-3H-perfluorononanoic acid (ADONA)	0.20	U	0.20	0.10	ug/Kg		10/09/25 14:14	10/10/25 04:25	1
Perfluoro-3-methoxypropanoic acid (PFMPA)	0.20	U	0.20	0.10	ug/Kg		10/09/25 14:14	10/10/25 04:25	1
Perfluoro-4-methoxybutanoic acid (PFMBA)	0.20	U	0.20	0.10	ug/Kg		10/09/25 14:14	10/10/25 04:25	1
Nonafluoro-3,6-dioxaheptanoic acid (NFDHA)	0.20	U	0.20	0.10	ug/Kg		10/09/25 14:14	10/10/25 04:25	1
9-Chlorohexadecafluoro-3-oxanonane-1-sulfonic acid (9Cl-PF3ONS)	0.20	U	0.20	0.10	ug/Kg		10/09/25 14:14	10/10/25 04:25	1

Method: 1633A - Per- and Polyfluoroalkyl Substances by LC/MS/MS, 1633A (Continued)

Lab Sample ID: MB 410-711573/1-A
Matrix: Solid
Analysis Batch: 711815

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 711573

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
11-Chloroeicosafluoro-3-oxaundecane-1-sulfonic acid (11Cl-PF3OUdS)	0.20	U	0.20	0.10	ug/Kg		10/09/25 14:14	10/10/25 04:25	1
Perfluoro (2-ethoxyethane) sulfonic acid (PFEESA)	0.20	U	0.20	0.10	ug/Kg		10/09/25 14:14	10/10/25 04:25	1
3-Perfluoropropylpropanoic acid (3:3 FTCA)	0.40	U	0.40	0.20	ug/Kg		10/09/25 14:14	10/10/25 04:25	1
3-Perfluoropentylpropanoic acid (5:3 FTCA)	1.00	U	1.00	0.50	ug/Kg		10/09/25 14:14	10/10/25 04:25	1
3-Perfluoroheptylpropanoic acid (7:3 FTCA)	1.00	U	1.00	0.50	ug/Kg		10/09/25 14:14	10/10/25 04:25	1

Isotope Dilution	*MB %Recovery*	*MB Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
13C4 PFBA	*81.3*		*8 - 130*	*10/09/25 14:14*	*10/10/25 04:25*	*1*
13C5 PFPeA	*81.3*		*35 - 130*	*10/09/25 14:14*	*10/10/25 04:25*	*1*
13C5 PFHxA	*75.0*		*40 - 130*	*10/09/25 14:14*	*10/10/25 04:25*	*1*
13C4 PFHpA	*73.5*		*40 - 130*	*10/09/25 14:14*	*10/10/25 04:25*	*1*
13C8 PFOA	*68.2*		*40 - 130*	*10/09/25 14:14*	*10/10/25 04:25*	*1*
13C9 PFNA	*72.1*		*40 - 130*	*10/09/25 14:14*	*10/10/25 04:25*	*1*
13C6 PFDA	*67.4*		*40 - 130*	*10/09/25 14:14*	*10/10/25 04:25*	*1*
13C7 PFUnA	*70.0*		*40 - 130*	*10/09/25 14:14*	*10/10/25 04:25*	*1*
13C2 PFTeDA	*60.0*		*20 - 130*	*10/09/25 14:14*	*10/10/25 04:25*	*1*
13C3 PFBS	*75.1*		*40 - 135*	*10/09/25 14:14*	*10/10/25 04:25*	*1*
13C3 PFHxS	*67.5*		*40 - 130*	*10/09/25 14:14*	*10/10/25 04:25*	*1*
13C8 PFOS	*64.1*		*40 - 130*	*10/09/25 14:14*	*10/10/25 04:25*	*1*
13C8 FOSA	*64.7*		*40 - 130*	*10/09/25 14:14*	*10/10/25 04:25*	*1*
d3-NMeFOSAA	*55.4*		*40 - 135*	*10/09/25 14:14*	*10/10/25 04:25*	*1*
d5-NEtFOSAA	*57.5*		*40 - 150*	*10/09/25 14:14*	*10/10/25 04:25*	*1*
13C2 4:2 FTS	*82.0*		*40 - 165*	*10/09/25 14:14*	*10/10/25 04:25*	*1*
13C2 6:2 FTS	*78.6*		*40 - 215*	*10/09/25 14:14*	*10/10/25 04:25*	*1*
13C2 8:2 FTS	*85.9*		*40 - 275*	*10/09/25 14:14*	*10/10/25 04:25*	*1*
13C3 HFPO-DA	*80.9*		*40 - 130*	*10/09/25 14:14*	*10/10/25 04:25*	*1*
d7-N-MeFOSE-M	*40.0*		*20 - 130*	*10/09/25 14:14*	*10/10/25 04:25*	*1*
d9-N-EtFOSE-M	*37.3*		*15 - 130*	*10/09/25 14:14*	*10/10/25 04:25*	*1*
d5-NEtPFOSA	*36.9*		*10 - 130*	*10/09/25 14:14*	*10/10/25 04:25*	*1*
d3-NMePFOSA	*41.0*		*10 - 130*	*10/09/25 14:14*	*10/10/25 04:25*	*1*
13C2 PFDoA	*67.1*		*40 - 130*	*10/09/25 14:14*	*10/10/25 04:25*	*1*

Lab Sample ID: LCS 410-711573/2-A
Matrix: Solid
Analysis Batch: 712029

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 711573

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
Perfluorobutanoic acid (PFBA)	5.00	5.074		ug/Kg		101	70 - 140
Perfluoropentanoic acid (PFPeA)	2.50	2.614		ug/Kg		105	60 - 150
Perfluorohexanoic acid (PFHxA)	2.50	2.389		ug/Kg		96	65 - 140
Perfluoroheptanoic acid (PFHpA)	2.50	2.569		ug/Kg		103	65 - 145
Perfluorooctanoic acid (PFOA)	2.50	2.457		ug/Kg		98	70 - 150
Perfluorononanoic acid (PFNA)	2.50	2.468		ug/Kg		99	70 - 155
Perfluorodecanoic acid (PFDA)	2.50	2.291		ug/Kg		92	70 - 155

Method: 1633A - Per- and Polyfluoroalkyl Substances by LC/MS/MS, 1633A (Continued)

Lab Sample ID: LCS 410-711573/2-A
Matrix: Solid
Analysis Batch: 712029

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 711573

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
Perfluoroundecanoic acid (PFUnA)	2.50	2.482		ug/Kg		99	70 - 155
Perfluorododecanoic acid (PFDoA)	2.50	2.354		ug/Kg		94	70 - 150
Perfluorotridecanoic acid (PFTrDA)	2.50	2.602		ug/Kg		104	65 - 150
Perfluorotetradecanoic acid (PFTeDA)	2.50	2.401		ug/Kg		96	65 - 150
Perfluorobutanesulfonic acid (PFBS)	2.22	2.178		ug/Kg		98	65 - 145
Perfluoropentanesulfonic acid (PFPeS)	2.35	2.510		ug/Kg		107	55 - 160
Perfluorohexanesulfonic acid (PFHxS)	2.28	1.980		ug/Kg		87	60 - 150
Perfluoroheptanesulfonic acid (PFHpS)	2.39	2.303		ug/Kg		97	65 - 155
Perfluorooctanesulfonic acid (PFOS)	2.33	2.155		ug/Kg		93	65 - 160
Perfluorononanesulfonic acid (PFNS)	2.41	1.951		ug/Kg		81	55 - 140
Perfluorodecanesulfonic acid (PFDS)	2.41	2.086		ug/Kg		87	40 - 155
Perfluorododecanesulfonic acid (PFDoS)	2.43	2.003		ug/Kg		83	25 - 160
1H,1H,2H,2H-Perfluorohexane sulfonic acid (4:2 FTS)	4.69	4.760		ug/Kg		102	60 - 150
1H,1H,2H,2H-Perfluorooctane sulfonic acid (6:2 FTS)	4.76	4.970		ug/Kg		104	55 - 200
1H,1H,2H,2H-Perfluorodecane sulfonic acid (8:2 FTS)	4.80	4.936		ug/Kg		103	70 - 150
Perfluorooctanesulfonamide (PFOSA)	2.50	2.556		ug/Kg		102	70 - 140
N-methylperfluorooctane sulfonamide (NMeFOSA)	2.50	2.384		ug/Kg		95	70 - 155
N-ethylperfluorooctane sulfonamide (NEtFOSA)	2.50	2.458		ug/Kg		98	70 - 140
N-methylperfluorooctanesulfonamidoacetic acid (NMeFOSAA)	2.50	2.756		ug/Kg		110	65 - 155
N-ethylperfluorooctanesulfonamidoacetic acid (NEtFOSAA)	2.50	2.503		ug/Kg		100	65 - 165
N-methylperfluorooctane sulfonamidoethanol (NMeFOSE)	12.5	11.84		ug/Kg		95	70 - 140
N-ethylperfluorooctane sulfonamidoethanol (NEtFOSE)	12.5	12.31		ug/Kg		99	70 - 135
Hexafluoropropylene Oxide Dimer Acid (HFPO-DA)	1.88	1.858		ug/Kg		99	70 - 145
4,8-Dioxa-3H-perfluorononanoic acid (ADONA)	2.37	2.052		ug/Kg		87	70 - 160
Perfluoro-3-methoxypropanoic acid (PFMPA)	2.50	2.470		ug/Kg		99	30 - 140
Perfluoro-4-methoxybutanoic acid (PFMBA)	2.50	2.451		ug/Kg		98	60 - 150
Nonafluoro-3,6-dioxaheptanoic acid (NFDHA)	2.50	2.282		ug/Kg		91	60 - 155

Method: 1633A - Per- and Polyfluoroalkyl Substances by LC/MS/MS, 1633A (Continued)

Lab Sample ID: LCS 410-711573/2-A
Matrix: Solid
Analysis Batch: 712029

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 711573

Analyte			Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits		
9-Chlorohexadecafluoro-3-oxanonane-1-sulfonic acid (9Cl-PF3ONS)			2.34	2.028		ug/Kg		87	70 - 150		
11-Chloroeicosafluoro-3-oxaundecane-1-sulfonic acid (11Cl-PF3OUdS)			2.36	1.998		ug/Kg		85	45 - 160		
Perfluoro (2-ethoxyethane) sulfonic acid (PFEESA)			2.23	2.046		ug/Kg		92	70 - 140		
3-Perfluoropropylpropanoic acid (3:3 FTCA)			5.00	4.800		ug/Kg		96	45 - 130		
3-Perfluoropentylpropanoic acid (5:3 FTCA)			12.5	10.93		ug/Kg		87	60 - 130		
3-Perfluoroheptylpropanoic acid (7:3 FTCA)			12.5	8.867		ug/Kg		71	60 - 150		

Isotope Dilution	*LCS %Recovery*	*LCS Qualifier*	*Limits*
13C4 PFBA	*74.7*		*8 - 130*
13C5 PFPeA	*74.2*		*35 - 130*
13C5 PFHxA	*76.4*		*40 - 130*
13C4 PFHpA	*74.5*		*40 - 130*
13C8 PFOA	*72.5*		*40 - 130*
13C9 PFNA	*68.1*		*40 - 130*
13C6 PFDA	*61.5*		*40 - 130*
13C7 PFUnA	*59.5*		*40 - 130*
13C2 PFTeDA	*61.3*		*20 - 130*
13C3 PFBS	*73.3*		*40 - 135*
13C3 PFHxS	*71.3*		*40 - 130*
13C8 PFOS	*64.9*		*40 - 130*
13C8 FOSA	*62.5*		*40 - 130*
d3-NMeFOSAA	*48.3*		*40 - 135*
d5-NEtFOSAA	*54.7*		*40 - 150*
13C2 4:2 FTS	*75.4*		*40 - 165*
13C2 6:2 FTS	*69.0*		*40 - 215*
13C2 8:2 FTS	*55.1*		*40 - 275*
13C3 HFPO-DA	*77.6*		*40 - 130*
d7-N-MeFOSE-M	*42.3*		*20 - 130*
d9-N-EtFOSE-M	*39.7*		*15 - 130*
d5-NEtPFOSA	*39.2*		*10 - 130*
d3-NMePFOSA	*44.0*		*10 - 130*
13C2 PFDoA	*55.7*		*40 - 130*

Lab Sample ID: LCSD 410-711573/3-A
Matrix: Solid
Analysis Batch: 712029

Client Sample ID: Lab Control Sample Dup
Prep Type: Total/NA
Prep Batch: 711573

Analyte			Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Perfluorobutanoic acid (PFBA)			5.00	5.081		ug/Kg		102	70 - 140	0	30
Perfluoropentanoic acid (PFPeA)			2.50	2.686		ug/Kg		107	60 - 150	3	30
Perfluorohexanoic acid (PFHxA)			2.50	2.416		ug/Kg		97	65 - 140	1	30
Perfluoroheptanoic acid (PFHpA)			2.50	2.598		ug/Kg		104	65 - 145	1	30
Perfluorooctanoic acid (PFOA)			2.50	2.444		ug/Kg		98	70 - 150	1	30

Method: 1633A - Per- and Polyfluoroalkyl Substances by LC/MS/MS, 1633A (Continued)

Lab Sample ID: LCSD 410-711573/3-A
Matrix: Solid
Analysis Batch: 712029

Client Sample ID: Lab Control Sample Dup
Prep Type: Total/NA
Prep Batch: 711573

Analyte	Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Perfluorononanoic acid (PFNA)	2.50	2.436		ug/Kg		97	70 - 155	1	30
Perfluorodecanoic acid (PFDA)	2.50	2.438		ug/Kg		98	70 - 155	6	30
Perfluoroundecanoic acid (PFUnA)	2.50	2.549		ug/Kg		102	70 - 155	3	30
Perfluorododecanoic acid (PFDoA)	2.50	2.473		ug/Kg		99	70 - 150	5	30
Perfluorotridecanoic acid (PFTrDA)	2.50	2.591		ug/Kg		104	65 - 150	0	30
Perfluorotetradecanoic acid (PFTeDA)	2.50	2.592		ug/Kg		104	65 - 150	8	30
Perfluorobutanesulfonic acid (PFBS)	2.22	2.170		ug/Kg		98	65 - 145	0	30
Perfluoropentanesulfonic acid (PFPeS)	2.35	2.430		ug/Kg		103	55 - 160	3	30
Perfluorohexanesulfonic acid (PFHxS)	2.28	2.075		ug/Kg		91	60 - 150	5	30
Perfluoroheptanesulfonic acid (PFHpS)	2.39	2.699		ug/Kg		113	65 - 155	16	30
Perfluorooctanesulfonic acid (PFOS)	2.33	2.217		ug/Kg		95	65 - 160	3	30
Perfluorononanesulfonic acid (PFNS)	2.41	1.682		ug/Kg		70	55 - 140	15	30
Perfluorodecanesulfonic acid (PFDS)	2.41	1.800		ug/Kg		75	40 - 155	15	30
Perfluorododecanesulfonic acid (PFDoS)	2.43	1.578		ug/Kg		65	25 - 160	24	30
1H,1H,2H,2H-Perfluorohexane sulfonic acid (4:2 FTS)	4.69	4.796		ug/Kg		102	60 - 150	1	30
1H,1H,2H,2H-Perfluorooctane sulfonic acid (6:2 FTS)	4.76	4.768		ug/Kg		100	55 - 200	4	30
1H,1H,2H,2H-Perfluorodecane sulfonic acid (8:2 FTS)	4.80	4.878		ug/Kg		102	70 - 150	1	30
Perfluorooctanesulfonamide (PFOSA)	2.50	2.570		ug/Kg		103	70 - 140	1	30
N-methylperfluorooctane sulfonamide (NMeFOSA)	2.50	2.511		ug/Kg		100	70 - 155	5	30
N-ethylperfluorooctane sulfonamide (NEtFOSA)	2.50	2.663		ug/Kg		107	70 - 140	8	30
N-methylperfluorooctanesulfonamidoacetic acid (NMeFOSAA)	2.50	2.723		ug/Kg		109	65 - 155	1	30
N-ethylperfluorooctanesulfonamidoacetic acid (NEtFOSAA)	2.50	2.722		ug/Kg		109	65 - 165	8	30
N-methylperfluorooctane sulfonamidoethanol (NMeFOSE)	12.5	12.47		ug/Kg		100	70 - 140	5	30
N-ethylperfluorooctane sulfonamidoethanol (NEtFOSE)	12.5	12.84		ug/Kg		103	70 - 135	4	30
Hexafluoropropylene Oxide Dimer Acid (HFPO-DA)	1.88	1.956		ug/Kg		104	70 - 145	5	30
4,8-Dioxa-3H-perfluorononanoic acid (ADONA)	2.37	2.217		ug/Kg		94	70 - 160	8	30
Perfluoro-3-methoxypropanoic acid (PFMPA)	2.50	2.542		ug/Kg		102	30 - 140	3	30
Perfluoro-4-methoxybutanoic acid (PFMBA)	2.50	2.552		ug/Kg		102	60 - 150	4	30

Method: 1633A - Per- and Polyfluoroalkyl Substances by LC/MS/MS, 1633A (Continued)

Lab Sample ID: LCSD 410-711573/3-A
Matrix: Solid
Analysis Batch: 712029

Client Sample ID: Lab Control Sample Dup
Prep Type: Total/NA
Prep Batch: 711573

Analyte			Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Nonafluoro-3,6-dioxaheptanoic acid (NFDHA)			2.50	2.371		ug/Kg		95	60 - 155	4	30
9-Chlorohexadecafluoro-3-oxanonane-1-sulfonic acid (9Cl-PF3ONS)			2.34	1.873		ug/Kg		80	70 - 150	8	30
11-Chloroeicosafluoro-3-oxaundecane-1-sulfonic acid (11Cl-PF3OUdS)			2.36	1.801		ug/Kg		76	45 - 160	10	30
Perfluoro (2-ethoxyethane) sulfonic acid (PFEESA)			2.23	2.169		ug/Kg		97	70 - 140	6	30
3-Perfluoropropylpropanoic acid (3:3 FTCA)			5.00	4.833		ug/Kg		97	45 - 130	1	30
3-Perfluoropentylpropanoic acid (5:3 FTCA)			12.5	11.25		ug/Kg		90	60 - 130	3	30
3-Perfluoroheptylpropanoic acid (7:3 FTCA)			12.5	10.76		ug/Kg		86	60 - 150	19	30

Isotope Dilution	*LCSD %Recovery*	*LCSD Qualifier*	*Limits*
13C4 PFBA	*74.9*		*8 - 130*
13C5 PFPeA	*74.4*		*35 - 130*
13C5 PFHxA	*75.5*		*40 - 130*
13C4 PFHpA	*76.8*		*40 - 130*
13C8 PFOA	*76.3*		*40 - 130*
13C9 PFNA	*73.6*		*40 - 130*
13C6 PFDA	*67.1*		*40 - 130*
13C7 PFUnA	*59.3*		*40 - 130*
13C2 PFTeDA	*39.4*		*20 - 130*
13C3 PFBS	*72.0*		*40 - 135*
13C3 PFHxS	*69.1*		*40 - 130*
13C8 PFOS	*54.6*		*40 - 130*
13C8 FOSA	*67.8*		*40 - 130*
d3-NMeFOSAA	*60.1*		*40 - 135*
d5-NEtFOSAA	*63.7*		*40 - 150*
13C2 4:2 FTS	*72.0*		*40 - 165*
13C2 6:2 FTS	*71.8*		*40 - 215*
13C2 8:2 FTS	*65.3*		*40 - 275*
13C3 HFPO-DA	*76.6*		*40 - 130*
d7-N-MeFOSE-M	*42.5*		*20 - 130*
d9-N-EtFOSE-M	*34.6*		*15 - 130*
d5-NEtPFOSA	*30.6*		*10 - 130*
d3-NMePFOSA	*38.5*		*10 - 130*
13C2 PFDoA	*44.4*		*40 - 130*

Lab Sample ID: LLCS 410-711573/4-A
Matrix: Solid
Analysis Batch: 711815

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 711573

Analyte			Spike Added	LLCS Result	LLCS Qualifier	Unit	D	%Rec	%Rec Limits
Perfluorobutanoic acid (PFBA)			0.500	0.438		ug/Kg		88	70 - 140
Perfluoropentanoic acid (PFPeA)			0.250	0.219		ug/Kg		87	60 - 150
Perfluorohexanoic acid (PFHxA)			0.250	0.224		ug/Kg		90	65 - 140

Method: 1633A - Per- and Polyfluoroalkyl Substances by LC/MS/MS, 1633A (Continued)

Lab Sample ID: LLCS 410-711573/4-A
Matrix: Solid
Analysis Batch: 711815

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 711573

Analyte	Spike Added	LLCS Result	LLCS Qualifier	Unit	D	%Rec	%Rec Limits
Perfluoroheptanoic acid (PFHpA)	0.250	0.219		ug/Kg		88	65 - 145
Perfluorooctanoic acid (PFOA)	0.250	0.223		ug/Kg		89	70 - 150
Perfluorononanoic acid (PFNA)	0.250	0.229		ug/Kg		91	70 - 155
Perfluorodecanoic acid (PFDA)	0.250	0.212		ug/Kg		85	70 - 155
Perfluoroundecanoic acid (PFUnA)	0.250	0.290		ug/Kg		116	70 - 155
Perfluorododecanoic acid (PFDoA)	0.250	0.356		ug/Kg		142	70 - 150
Perfluorotridecanoic acid (PFTrDA)	0.250	0.245		ug/Kg		98	65 - 150
Perfluorotetradecanoic acid (PFTeDA)	0.250	0.191	J	ug/Kg		76	65 - 150
Perfluorobutanesulfonic acid (PFBS)	0.222	0.208		ug/Kg		94	65 - 145
Perfluoropentanesulfonic acid (PFPeS)	0.235	0.213		ug/Kg		91	55 - 160
Perfluorohexanesulfonic acid (PFHxS)	0.228	0.198	J	ug/Kg		87	60 - 150
Perfluoroheptanesulfonic acid (PFHpS)	0.239	0.219		ug/Kg		92	65 - 155
Perfluorooctanesulfonic acid (PFOS)	0.233	0.216		ug/Kg		93	65 - 160
Perfluorononanesulfonic acid (PFNS)	0.241	0.187	J	ug/Kg		78	55 - 140
Perfluorodecanesulfonic acid (PFDS)	0.241	0.215		ug/Kg		89	40 - 155
Perfluorododecanesulfonic acid (PFDoS)	0.243	0.177	J	ug/Kg		73	25 - 160
1H,1H,2H,2H-Perfluorohexane sulfonic acid (4:2 FTS)	0.469	0.464		ug/Kg		99	60 - 150
1H,1H,2H,2H-Perfluorooctane sulfonic acid (6:2 FTS)	0.476	0.457		ug/Kg		96	55 - 200
1H,1H,2H,2H-Perfluorodecane sulfonic acid (8:2 FTS)	0.480	0.395	J	ug/Kg		82	70 - 150
Perfluorooctanesulfonamide (PFOSA)	0.250	0.256		ug/Kg		102	70 - 140
N-methylperfluorooctane sulfonamide (NMeFOSA)	0.250	0.237		ug/Kg		95	70 - 155
N-ethylperfluorooctane sulfonamide (NEtFOSA)	0.250	0.251		ug/Kg		100	70 - 140
N-methylperfluorooctanesulfonamidoacetic acid (NMeFOSAA)	0.250	0.197	J	ug/Kg		79	65 - 155
N-ethylperfluorooctanesulfonamidoacetic acid (NEtFOSAA)	0.250	0.288		ug/Kg		115	65 - 165
N-methylperfluorooctane sulfonamidoethanol (NMeFOSE)	1.25	1.148		ug/Kg		92	70 - 140
N-ethylperfluorooctane sulfonamidoethanol (NEtFOSE)	1.25	1.282		ug/Kg		103	70 - 135
Hexafluoropropylene Oxide Dimer Acid (HFPO-DA)	0.188	0.165	J	ug/Kg		88	70 - 145
4,8-Dioxa-3H-perfluorononanoic acid (ADONA)	0.237	0.227		ug/Kg		96	70 - 160
Perfluoro-3-methoxypropanoic acid (PFMPA)	0.250	0.207		ug/Kg		83	30 - 140

Method: 1633A - Per- and Polyfluoroalkyl Substances by LC/MS/MS, 1633A (Continued)

Lab Sample ID: LLCS 410-711573/4-A
Matrix: Solid
Analysis Batch: 711815

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 711573

Analyte	Spike Added	LLCS Result	LLCS Qualifier	Unit	D	%Rec	%Rec Limits
Perfluoro-4-methoxybutanoic acid (PFMBA)	0.250	0.214		ug/Kg		86	60 - 150
Nonafluoro-3,6-dioxaheptanoic acid (NFDHA)	0.250	0.244		ug/Kg		98	60 - 155
9-Chlorohexadecafluoro-3-oxanonane-1-sulfonic acid (9Cl-PF3ONS)	0.234	0.241		ug/Kg		103	70 - 150
11-Chloroeicosafluoro-3-oxaundecane-1-sulfonic acid (11Cl-PF3OUdS)	0.236	0.217		ug/Kg		92	45 - 160
Perfluoro (2-ethoxyethane) sulfonic acid (PFEESA)	0.223	0.193	J	ug/Kg		86	70 - 140
3-Perfluoropropylpropanoic acid (3:3 FTCA)	0.500	0.455		ug/Kg		91	45 - 130
3-Perfluoropentylpropanoic acid (5:3 FTCA)	1.25	1.279		ug/Kg		102	60 - 130
3-Perfluoroheptylpropanoic acid (7:3 FTCA)	1.25	1.041		ug/Kg		83	60 - 150

Isotope Dilution	*LLCS %Recovery*	*LLCS Qualifier*	*Limits*
13C4 PFBA	*95.5*		*8 - 130*
13C5 PFPeA	*98.8*		*35 - 130*
13C5 PFHxA	*94.1*		*40 - 130*
13C4 PFHpA	*100*		*40 - 130*
13C8 PFOA	*87.1*		*40 - 130*
13C9 PFNA	*82.0*		*40 - 130*
13C6 PFDA	*85.2*		*40 - 130*
13C7 PFUnA	*84.6*		*40 - 130*
13C2 PFTeDA	*66.3*		*20 - 130*
13C3 PFBS	*85.5*		*40 - 135*
13C3 PFHxS	*86.7*		*40 - 130*
13C8 PFOS	*74.2*		*40 - 130*
13C8 FOSA	*75.1*		*40 - 130*
d3-NMeFOSAA	*61.9*		*40 - 135*
d5-NEtFOSAA	*64.6*		*40 - 150*
13C2 4:2 FTS	*83.7*		*40 - 165*
13C2 6:2 FTS	*94.0*		*40 - 215*
13C2 8:2 FTS	*91.4*		*40 - 275*
13C3 HFPO-DA	*93.1*		*40 - 130*
d7-N-MeFOSE-M	*41.2*		*20 - 130*
d9-N-EtFOSE-M	*34.8*		*15 - 130*
d5-NEtPFOSA	*43.9*		*10 - 130*
d3-NMePFOSA	*50.8*		*10 - 130*
13C2 PFDoA	*75.5*		*40 - 130*

Lab Sample ID: MB 410-711992/1-A
Matrix: Solid
Analysis Batch: 711812

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 711992

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Perfluorobutanoic acid (PFBA)	0.39	U	0.39	0.098	ug/Kg		10/10/25 08:29	10/10/25 21:26	1

Method: 1633A - Per- and Polyfluoroalkyl Substances by LC/MS/MS, 1633A (Continued)

Lab Sample ID: MB 410-711992/1-A
Matrix: Solid
Analysis Batch: 711812

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 711992

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Perfluoropentanoic acid (PFPeA)	0.20	U	0.20	0.098	ug/Kg		10/10/25 08:29	10/10/25 21:26	1
Perfluorohexanoic acid (PFHxA)	0.20	U	0.20	0.098	ug/Kg		10/10/25 08:29	10/10/25 21:26	1
Perfluoroheptanoic acid (PFHpA)	0.20	U	0.20	0.098	ug/Kg		10/10/25 08:29	10/10/25 21:26	1
Perfluorooctanoic acid (PFOA)	0.20	U	0.20	0.059	ug/Kg		10/10/25 08:29	10/10/25 21:26	1
Perfluorononanoic acid (PFNA)	0.20	U	0.20	0.098	ug/Kg		10/10/25 08:29	10/10/25 21:26	1
Perfluorodecanoic acid (PFDA)	0.20	U	0.20	0.059	ug/Kg		10/10/25 08:29	10/10/25 21:26	1
Perfluoroundecanoic acid (PFUnA)	0.20	U	0.20	0.098	ug/Kg		10/10/25 08:29	10/10/25 21:26	1
Perfluorododecanoic acid (PFDoA)	0.20	U	0.20	0.098	ug/Kg		10/10/25 08:29	10/10/25 21:26	1
Perfluorotridecanoic acid (PFTrDA)	0.20	U	0.20	0.098	ug/Kg		10/10/25 08:29	10/10/25 21:26	1
Perfluorotetradecanoic acid (PFTeDA)	0.20	U	0.20	0.098	ug/Kg		10/10/25 08:29	10/10/25 21:26	1
Perfluorobutanesulfonic acid (PFBS)	0.20	U	0.20	0.098	ug/Kg		10/10/25 08:29	10/10/25 21:26	1
Perfluoropentanesulfonic acid (PFPeS)	0.20	U	0.20	0.098	ug/Kg		10/10/25 08:29	10/10/25 21:26	1
Perfluorohexanesulfonic acid (PFHxS)	0.20	U	0.20	0.098	ug/Kg		10/10/25 08:29	10/10/25 21:26	1
Perfluoroheptanesulfonic acid (PFHpS)	0.20	U	0.20	0.098	ug/Kg		10/10/25 08:29	10/10/25 21:26	1
Perfluorooctanesulfonic acid (PFOS)	0.20	U	0.20	0.098	ug/Kg		10/10/25 08:29	10/10/25 21:26	1
Perfluorononanesulfonic acid (PFNS)	0.20	U	0.20	0.098	ug/Kg		10/10/25 08:29	10/10/25 21:26	1
Perfluorodecanesulfonic acid (PFDS)	0.20	U	0.20	0.098	ug/Kg		10/10/25 08:29	10/10/25 21:26	1
Perfluorododecanesulfonic acid (PFDoS)	0.20	U	0.20	0.098	ug/Kg		10/10/25 08:29	10/10/25 21:26	1
1H,1H,2H,2H-Perfluorohexane sulfonic acid (4:2 FTS)	0.39	U	0.39	0.20	ug/Kg		10/10/25 08:29	10/10/25 21:26	1
1H,1H,2H,2H-Perfluorooctane sulfonic acid (6:2 FTS)	0.39	U	0.39	0.20	ug/Kg		10/10/25 08:29	10/10/25 21:26	1
1H,1H,2H,2H-Perfluorodecane sulfonic acid (8:2 FTS)	0.39	U	0.39	0.20	ug/Kg		10/10/25 08:29	10/10/25 21:26	1
Perfluorooctanesulfonamide (PFOSA)	0.20	U	0.20	0.098	ug/Kg		10/10/25 08:29	10/10/25 21:26	1
N-methylperfluorooctane sulfonamide (NMeFOSA)	0.20	U	0.20	0.098	ug/Kg		10/10/25 08:29	10/10/25 21:26	1
N-ethylperfluorooctane sulfonamide (NEtFOSA)	0.20	U	0.20	0.098	ug/Kg		10/10/25 08:29	10/10/25 21:26	1
N-methylperfluorooctanesulfonamidoacetic acid (NMeFOSAA)	0.20	U	0.20	0.098	ug/Kg		10/10/25 08:29	10/10/25 21:26	1
N-ethylperfluorooctanesulfonamidoacetic acid (NEtFOSAA)	0.20	U	0.20	0.098	ug/Kg		10/10/25 08:29	10/10/25 21:26	1
N-methylperfluorooctane sulfonamidoethanol (NMeFOSE)	0.98	U	0.98	0.49	ug/Kg		10/10/25 08:29	10/10/25 21:26	1
N-ethylperfluorooctane sulfonamidoethanol (NEtFOSE)	0.98	U	0.98	0.49	ug/Kg		10/10/25 08:29	10/10/25 21:26	1
Hexafluoropropylene Oxide Dimer Acid (HFPO-DA)	0.20	U	0.20	0.098	ug/Kg		10/10/25 08:29	10/10/25 21:26	1
4,8-Dioxa-3H-perfluorononanoic acid (ADONA)	0.20	U	0.20	0.098	ug/Kg		10/10/25 08:29	10/10/25 21:26	1
Perfluoro-3-methoxypropanoic acid (PFMPA)	0.20	U	0.20	0.098	ug/Kg		10/10/25 08:29	10/10/25 21:26	1
Perfluoro-4-methoxybutanoic acid (PFMBA)	0.20	U	0.20	0.098	ug/Kg		10/10/25 08:29	10/10/25 21:26	1
Nonafluoro-3,6-dioxaheptanoic acid (NFDHA)	0.20	U	0.20	0.098	ug/Kg		10/10/25 08:29	10/10/25 21:26	1
9-Chlorohexadecafluoro-3-oxanonane-1-sulfonic acid (9Cl-PF3ONS)	0.20	U	0.20	0.098	ug/Kg		10/10/25 08:29	10/10/25 21:26	1

Method: 1633A - Per- and Polyfluoroalkyl Substances by LC/MS/MS, 1633A (Continued)

Lab Sample ID: MB 410-711992/1-A
Matrix: Solid
Analysis Batch: 711812

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 711992

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
11-Chloroeicosafluoro-3-oxaundecane-1-sulfonic acid (11Cl-PF3OUdS)	0.20	U	0.20	0.098	ug/Kg		10/10/25 08:29	10/10/25 21:26	1
Perfluoro (2-ethoxyethane) sulfonic acid (PFEESA)	0.20	U	0.20	0.098	ug/Kg		10/10/25 08:29	10/10/25 21:26	1
3-Perfluoropropylpropanoic acid (3:3 FTCA)	0.39	U	0.39	0.20	ug/Kg		10/10/25 08:29	10/10/25 21:26	1
3-Perfluoropentylpropanoic acid (5:3 FTCA)	0.98	U	0.98	0.49	ug/Kg		10/10/25 08:29	10/10/25 21:26	1
3-Perfluoroheptylpropanoic acid (7:3 FTCA)	0.98	U	0.98	0.49	ug/Kg		10/10/25 08:29	10/10/25 21:26	1

Isotope Dilution	*MB %Recovery*	*MB Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
13C4 PFBA	*88.2*		*8 - 130*	*10/10/25 08:29*	*10/10/25 21:26*	*1*
13C5 PFPeA	*89.7*		*35 - 130*	*10/10/25 08:29*	*10/10/25 21:26*	*1*
13C5 PFHxA	*81.5*		*40 - 130*	*10/10/25 08:29*	*10/10/25 21:26*	*1*
13C4 PFHpA	*82.9*		*40 - 130*	*10/10/25 08:29*	*10/10/25 21:26*	*1*
13C8 PFOA	*82.7*		*40 - 130*	*10/10/25 08:29*	*10/10/25 21:26*	*1*
13C9 PFNA	*87.3*		*40 - 130*	*10/10/25 08:29*	*10/10/25 21:26*	*1*
13C6 PFDA	*86.0*		*40 - 130*	*10/10/25 08:29*	*10/10/25 21:26*	*1*
13C7 PFUnA	*84.9*		*40 - 130*	*10/10/25 08:29*	*10/10/25 21:26*	*1*
13C2 PFTeDA	*71.8*		*20 - 130*	*10/10/25 08:29*	*10/10/25 21:26*	*1*
13C3 PFBS	*75.5*		*40 - 135*	*10/10/25 08:29*	*10/10/25 21:26*	*1*
13C3 PFHxS	*83.1*		*40 - 130*	*10/10/25 08:29*	*10/10/25 21:26*	*1*
13C8 PFOS	*82.9*		*40 - 130*	*10/10/25 08:29*	*10/10/25 21:26*	*1*
13C8 FOSA	*76.1*		*40 - 130*	*10/10/25 08:29*	*10/10/25 21:26*	*1*
d3-NMeFOSAA	*66.6*		*40 - 135*	*10/10/25 08:29*	*10/10/25 21:26*	*1*
d5-NEtFOSAA	*70.4*		*40 - 150*	*10/10/25 08:29*	*10/10/25 21:26*	*1*
13C2 4:2 FTS	*77.3*		*40 - 165*	*10/10/25 08:29*	*10/10/25 21:26*	*1*
13C2 6:2 FTS	*74.6*		*40 - 215*	*10/10/25 08:29*	*10/10/25 21:26*	*1*
13C2 8:2 FTS	*78.5*		*40 - 275*	*10/10/25 08:29*	*10/10/25 21:26*	*1*
13C3 HFPO-DA	*86.0*		*40 - 130*	*10/10/25 08:29*	*10/10/25 21:26*	*1*
d7-N-MeFOSE-M	*53.2*		*20 - 130*	*10/10/25 08:29*	*10/10/25 21:26*	*1*
d9-N-EtFOSE-M	*46.4*		*15 - 130*	*10/10/25 08:29*	*10/10/25 21:26*	*1*
d5-NEtPFOSA	*56.6*		*10 - 130*	*10/10/25 08:29*	*10/10/25 21:26*	*1*
d3-NMePFOSA	*59.9*		*10 - 130*	*10/10/25 08:29*	*10/10/25 21:26*	*1*
13C2 PFDoA	*79.8*		*40 - 130*	*10/10/25 08:29*	*10/10/25 21:26*	*1*

Lab Sample ID: LCS 410-711992/2-A
Matrix: Solid
Analysis Batch: 711812

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 711992

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
Perfluorobutanoic acid (PFBA)	4.93	5.048		ug/Kg		102	70 - 140
Perfluoropentanoic acid (PFPeA)	2.46	2.449		ug/Kg		99	60 - 150
Perfluorohexanoic acid (PFHxA)	2.46	2.406		ug/Kg		98	65 - 140
Perfluoroheptanoic acid (PFHpA)	2.46	2.523		ug/Kg		102	65 - 145
Perfluorooctanoic acid (PFOA)	2.46	2.804		ug/Kg		114	70 - 150
Perfluorononanoic acid (PFNA)	2.46	2.386		ug/Kg		97	70 - 155
Perfluorodecanoic acid (PFDA)	2.46	2.439		ug/Kg		99	70 - 155

Method: 1633A - Per- and Polyfluoroalkyl Substances by LC/MS/MS, 1633A (Continued)

Lab Sample ID: LCS 410-711992/2-A
Matrix: Solid
Analysis Batch: 711812

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 711992

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
Perfluoroundecanoic acid (PFUnA)	2.46	2.504		ug/Kg		102	70 - 155
Perfluorododecanoic acid (PFDoA)	2.46	2.450		ug/Kg		99	70 - 150
Perfluorotridecanoic acid (PFTrDA)	2.46	2.453		ug/Kg		100	65 - 150
Perfluorotetradecanoic acid (PFTeDA)	2.46	2.380		ug/Kg		97	65 - 150
Perfluorobutanesulfonic acid (PFBS)	2.19	2.158		ug/Kg		99	65 - 145
Perfluoropentanesulfonic acid (PFPeS)	2.32	2.395		ug/Kg		103	55 - 160
Perfluorohexanesulfonic acid (PFHxS)	2.25	2.092		ug/Kg		93	60 - 150
Perfluoroheptanesulfonic acid (PFHpS)	2.35	2.222		ug/Kg		95	65 - 155
Perfluorooctanesulfonic acid (PFOS)	2.29	2.164		ug/Kg		94	65 - 160
Perfluorononanesulfonic acid (PFNS)	2.37	2.055		ug/Kg		87	55 - 140
Perfluorodecanesulfonic acid (PFDS)	2.37	2.035		ug/Kg		86	40 - 155
Perfluorododecanesulfonic acid (PFDoS)	2.39	1.910		ug/Kg		80	25 - 160
1H,1H,2H,2H-Perfluorohexane sulfonic acid (4:2 FTS)	4.62	4.858		ug/Kg		105	60 - 150
1H,1H,2H,2H-Perfluorooctane sulfonic acid (6:2 FTS)	4.69	4.910		ug/Kg		105	55 - 200
1H,1H,2H,2H-Perfluorodecane sulfonic acid (8:2 FTS)	4.73	5.126		ug/Kg		108	70 - 150
Perfluorooctanesulfonamide (PFOSA)	2.46	2.526		ug/Kg		103	70 - 140
N-methylperfluorooctane sulfonamide (NMeFOSA)	2.46	2.459		ug/Kg		100	70 - 155
N-ethylperfluorooctane sulfonamide (NEtFOSA)	2.46	2.530		ug/Kg		103	70 - 140
N-methylperfluorooctanesulfonamidoacetic acid (NMeFOSAA)	2.46	2.883		ug/Kg		117	65 - 155
N-ethylperfluorooctanesulfonamidoacetic acid (NEtFOSAA)	2.46	2.561		ug/Kg		104	65 - 165
N-methylperfluorooctane sulfonamidoethanol (NMeFOSE)	12.3	12.77		ug/Kg		104	70 - 140
N-ethylperfluorooctane sulfonamidoethanol (NEtFOSE)	12.3	12.31		ug/Kg		100	70 - 135
Hexafluoropropylene Oxide Dimer Acid (HFPO-DA)	1.85	1.983		ug/Kg		107	70 - 145
4,8-Dioxa-3H-perfluorononanoic acid (ADONA)	2.33	2.360		ug/Kg		101	70 - 160
Perfluoro-3-methoxypropanoic acid (PFMPA)	2.46	2.520		ug/Kg		102	30 - 140
Perfluoro-4-methoxybutanoic acid (PFMBA)	2.46	2.355		ug/Kg		96	60 - 150
Nonafluoro-3,6-dioxaheptanoic acid (NFDHA)	2.46	2.365		ug/Kg		96	60 - 155

Method: 1633A - Per- and Polyfluoroalkyl Substances by LC/MS/MS, 1633A (Continued)

Lab Sample ID: LCS 410-711992/2-A
Matrix: Solid
Analysis Batch: 711812

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 711992

Analyte			Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits		
9-Chlorohexadecafluoro-3-oxanonane-1-sulfonic acid (9Cl-PF3ONS)			2.30	2.146		ug/Kg		93	70 - 150		
11-Chloroeicosafluoro-3-oxaundecane-1-sulfonic acid (11Cl-PF3OUdS)			2.33	2.084		ug/Kg		90	45 - 160		
Perfluoro (2-ethoxyethane) sulfonic acid (PFEESA)			2.20	2.238		ug/Kg		102	70 - 140		
3-Perfluoropropylpropanoic acid (3:3 FTCA)			4.93	4.531		ug/Kg		92	45 - 130		
3-Perfluoropentylpropanoic acid (5:3 FTCA)			12.3	12.05		ug/Kg		98	60 - 130		
3-Perfluoroheptylpropanoic acid (7:3 FTCA)			12.3	11.05		ug/Kg		90	60 - 150		

Isotope Dilution	*LCS %Recovery*	*LCS Qualifier*	*Limits*
13C4 PFBA	*86.8*		*8 - 130*
13C5 PFPeA	*90.7*		*35 - 130*
13C5 PFHxA	*84.2*		*40 - 130*
13C4 PFHpA	*85.1*		*40 - 130*
13C8 PFOA	*84.4*		*40 - 130*
13C9 PFNA	*86.6*		*40 - 130*
13C6 PFDA	*85.6*		*40 - 130*
13C7 PFUnA	*84.8*		*40 - 130*
13C2 PFTeDA	*75.5*		*20 - 130*
13C3 PFBS	*79.2*		*40 - 135*
13C3 PFHxS	*87.4*		*40 - 130*
13C8 PFOS	*87.2*		*40 - 130*
13C8 FOSA	*77.1*		*40 - 130*
d3-NMeFOSAA	*68.9*		*40 - 135*
d5-NEtFOSAA	*73.3*		*40 - 150*
13C2 4:2 FTS	*79.3*		*40 - 165*
13C2 6:2 FTS	*75.5*		*40 - 215*
13C2 8:2 FTS	*82.1*		*40 - 275*
13C3 HFPO-DA	*83.9*		*40 - 130*
d7-N-MeFOSE-M	*61.0*		*20 - 130*
d9-N-EtFOSE-M	*50.2*		*15 - 130*
d5-NEtPFOSA	*56.6*		*10 - 130*
d3-NMePFOSA	*64.3*		*10 - 130*
13C2 PFDoA	*79.1*		*40 - 130*

Lab Sample ID: LCSD 410-711992/4-A
Matrix: Solid
Analysis Batch: 711812

Client Sample ID: Lab Control Sample Dup
Prep Type: Total/NA
Prep Batch: 711992

Analyte			Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Perfluorobutanoic acid (PFBA)			4.88	4.542		ug/Kg		93	70 - 140	11	30
Perfluoropentanoic acid (PFPeA)			2.44	2.202		ug/Kg		90	60 - 150	11	30
Perfluorohexanoic acid (PFHxA)			2.44	2.362		ug/Kg		97	65 - 140	2	30
Perfluoroheptanoic acid (PFHpA)			2.44	2.432		ug/Kg		100	65 - 145	4	30
Perfluorooctanoic acid (PFOA)			2.44	2.635		ug/Kg		108	70 - 150	6	30

Method: 1633A - Per- and Polyfluoroalkyl Substances by LC/MS/MS, 1633A (Continued)

Lab Sample ID: LCSD 410-711992/4-A
Matrix: Solid
Analysis Batch: 711812

Client Sample ID: Lab Control Sample Dup
Prep Type: Total/NA
Prep Batch: 711992

Analyte			Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Perfluorononanoic acid (PFNA)			2.44	2.307		ug/Kg		95	70 - 155	3	30
Perfluorodecanoic acid (PFDA)			2.44	2.377		ug/Kg		97	70 - 155	3	30
Perfluoroundecanoic acid (PFUnA)			2.44	2.405		ug/Kg		99	70 - 155	4	30
Perfluorododecanoic acid (PFDoA)			2.44	2.464		ug/Kg		101	70 - 150	1	30
Perfluorotridecanoic acid (PFTrDA)			2.44	2.253		ug/Kg		92	65 - 150	8	30
Perfluorotetradecanoic acid (PFTeDA)			2.44	2.272		ug/Kg		93	65 - 150	5	30
Perfluorobutanesulfonic acid (PFBS)			2.17	1.999		ug/Kg		92	65 - 145	8	30
Perfluoropentanesulfonic acid (PFPeS)			2.29	2.219		ug/Kg		97	55 - 160	8	30
Perfluorohexanesulfonic acid (PFHxS)			2.22	2.127		ug/Kg		96	60 - 150	2	30
Perfluoroheptanesulfonic acid (PFHpS)			2.33	2.154		ug/Kg		93	65 - 155	3	30
Perfluorooctanesulfonic acid (PFOS)			2.27	2.081		ug/Kg		92	65 - 160	4	30
Perfluorononanesulfonic acid (PFNS)			2.35	1.955		ug/Kg		83	55 - 140	5	30
Perfluorodecanesulfonic acid (PFDS)			2.35	1.942		ug/Kg		83	40 - 155	5	30
Perfluorododecanesulfonic acid (PFDoS)			2.37	1.804		ug/Kg		76	25 - 160	6	30
1H,1H,2H,2H-Perfluorohexane sulfonic acid (4:2 FTS)			4.58	4.786		ug/Kg		105	60 - 150	1	30
1H,1H,2H,2H-Perfluorooctane sulfonic acid (6:2 FTS)			4.64	4.601		ug/Kg		99	55 - 200	6	30
1H,1H,2H,2H-Perfluorodecane sulfonic acid (8:2 FTS)			4.68	4.858		ug/Kg		104	70 - 150	5	30
Perfluorooctanesulfonamide (PFOSA)			2.44	2.440		ug/Kg		100	70 - 140	3	30
N-methylperfluorooctane sulfonamide (NMeFOSA)			2.44	2.399		ug/Kg		98	70 - 155	2	30
N-ethylperfluorooctane sulfonamide (NEtFOSA)			2.44	2.302		ug/Kg		94	70 - 140	9	30
N-methylperfluorooctanesulfonamidoacetic acid (NMeFOSAA)			2.44	2.681		ug/Kg		110	65 - 155	7	30
N-ethylperfluorooctanesulfonamidoacetic acid (NEtFOSAA)			2.44	2.414		ug/Kg		99	65 - 165	6	30
N-methylperfluorooctane sulfonamidoethanol (NMeFOSE)			12.2	12.23		ug/Kg		100	70 - 140	4	30
N-ethylperfluorooctane sulfonamidoethanol (NEtFOSE)			12.2	11.59		ug/Kg		95	70 - 135	6	30
Hexafluoropropylene Oxide Dimer Acid (HFPO-DA)			1.83	1.835		ug/Kg		100	70 - 145	8	30
4,8-Dioxa-3H-perfluorononanoic acid (ADONA)			2.31	2.334		ug/Kg		101	70 - 160	1	30
Perfluoro-3-methoxypropanoic acid (PFMPA)			2.44	2.209		ug/Kg		91	30 - 140	13	30
Perfluoro-4-methoxybutanoic acid (PFMBA)			2.44	2.116		ug/Kg		87	60 - 150	11	30

Method: 1633A - Per- and Polyfluoroalkyl Substances by LC/MS/MS, 1633A (Continued)

Lab Sample ID: LCSD 410-711992/4-A
Matrix: Solid
Analysis Batch: 711812

Client Sample ID: Lab Control Sample Dup
Prep Type: Total/NA
Prep Batch: 711992

Analyte			Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Nonafluoro-3,6-dioxaheptanoic acid (NFDHA)			2.44	2.311		ug/Kg		95	60 - 155	2	30
9-Chlorohexadecafluoro-3-oxanonane-1-sulfonic acid (9Cl-PF3ONS)			2.28	2.039		ug/Kg		90	70 - 150	5	30
11-Chloroeicosafluoro-3-oxaundecane-1-sulfonic acid (11Cl-PF3OUdS)			2.30	1.969		ug/Kg		86	45 - 160	6	30
Perfluoro (2-ethoxyethane) sulfonic acid (PFEESA)			2.18	2.159		ug/Kg		99	70 - 140	4	30
3-Perfluoropropylpropanoic acid (3:3 FTCA)			4.88	4.110		ug/Kg		84	45 - 130	10	30
3-Perfluoropentylpropanoic acid (5:3 FTCA)			12.2	10.75		ug/Kg		88	60 - 130	11	30
3-Perfluoroheptylpropanoic acid (7:3 FTCA)			12.2	10.63		ug/Kg		87	60 - 150	4	30

Isotope Dilution	*LCSD %Recovery*	*LCSD Qualifier*	*Limits*
13C4 PFBA	*84.0*		*8 - 130*
13C5 PFPeA	*92.5*		*35 - 130*
13C5 PFHxA	*81.6*		*40 - 130*
13C4 PFHpA	*85.7*		*40 - 130*
13C8 PFOA	*77.6*		*40 - 130*
13C9 PFNA	*78.1*		*40 - 130*
13C6 PFDA	*79.6*		*40 - 130*
13C7 PFUnA	*78.3*		*40 - 130*
13C2 PFTeDA	*69.7*		*20 - 130*
13C3 PFBS	*74.1*		*40 - 135*
13C3 PFHxS	*78.4*		*40 - 130*
13C8 PFOS	*80.0*		*40 - 130*
13C8 FOSA	*70.0*		*40 - 130*
d3-NMeFOSAA	*60.1*		*40 - 135*
d5-NEtFOSAA	*65.3*		*40 - 150*
13C2 4:2 FTS	*69.3*		*40 - 165*
13C2 6:2 FTS	*71.0*		*40 - 215*
13C2 8:2 FTS	*71.8*		*40 - 275*
13C3 HFPO-DA	*80.0*		*40 - 130*
d7-N-MeFOSE-M	*46.6*		*20 - 130*
d9-N-EtFOSE-M	*40.5*		*15 - 130*
d5-NEtPFOSA	*50.2*		*10 - 130*
d3-NMePFOSA	*54.3*		*10 - 130*
13C2 PFDoA	*72.2*		*40 - 130*

Lab Sample ID: LLCS 410-711992/3-A
Matrix: Solid
Analysis Batch: 711812

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 711992

Analyte			Spike Added	LLCS Result	LLCS Qualifier	Unit	D	%Rec	%Rec Limits
Perfluorobutanoic acid (PFBA)			0.493	0.471		ug/Kg		96	70 - 140
Perfluoropentanoic acid (PFPeA)			0.246	0.236		ug/Kg		96	60 - 150
Perfluorohexanoic acid (PFHxA)			0.246	0.252		ug/Kg		102	65 - 140

Method: 1633A - Per- and Polyfluoroalkyl Substances by LC/MS/MS, 1633A (Continued)

Lab Sample ID: LLCS 410-711992/3-A
Matrix: Solid
Analysis Batch: 711812

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 711992

Analyte	Spike Added	LLCS Result	LLCS Qualifier	Unit	D	%Rec	%Rec Limits
Perfluoroheptanoic acid (PFHpA)	0.246	0.252		ug/Kg		102	65 - 145
Perfluorooctanoic acid (PFOA)	0.246	0.265		ug/Kg		108	70 - 150
Perfluorononanoic acid (PFNA)	0.246	0.246		ug/Kg		100	70 - 155
Perfluorodecanoic acid (PFDA)	0.246	0.244		ug/Kg		99	70 - 155
Perfluoroundecanoic acid (PFUnA)	0.246	0.245		ug/Kg		99	70 - 155
Perfluorododecanoic acid (PFDoA)	0.246	0.216		ug/Kg		88	70 - 150
Perfluorotridecanoic acid (PFTrDA)	0.246	0.240		ug/Kg		97	65 - 150
Perfluorotetradecanoic acid (PFTeDA)	0.246	0.214		ug/Kg		87	65 - 150
Perfluorobutanesulfonic acid (PFBS)	0.219	0.190	J	ug/Kg		87	65 - 145
Perfluoropentanesulfonic acid (PFPeS)	0.232	0.216		ug/Kg		93	55 - 160
Perfluorohexanesulfonic acid (PFHxS)	0.225	0.226		ug/Kg		101	60 - 150
Perfluoroheptanesulfonic acid (PFHpS)	0.235	0.207		ug/Kg		88	65 - 155
Perfluorooctanesulfonic acid (PFOS)	0.229	0.224		ug/Kg		98	65 - 160
Perfluorononanesulfonic acid (PFNS)	0.237	0.181	J	ug/Kg		76	55 - 140
Perfluorodecanesulfonic acid (PFDS)	0.237	0.183	J	ug/Kg		77	40 - 155
Perfluorododecanesulfonic acid (PFDoS)	0.239	0.172	J	ug/Kg		72	25 - 160
1H,1H,2H,2H-Perfluorohexane sulfonic acid (4:2 FTS)	0.462	0.509		ug/Kg		110	60 - 150
1H,1H,2H,2H-Perfluorooctane sulfonic acid (6:2 FTS)	0.469	0.490		ug/Kg		104	55 - 200
1H,1H,2H,2H-Perfluorodecane sulfonic acid (8:2 FTS)	0.473	0.508		ug/Kg		107	70 - 150
Perfluorooctanesulfonamide (PFOSA)	0.246	0.258		ug/Kg		105	70 - 140
N-methylperfluorooctane sulfonamide (NMeFOSA)	0.246	0.248		ug/Kg		101	70 - 155
N-ethylperfluorooctane sulfonamide (NEtFOSA)	0.246	0.236		ug/Kg		96	70 - 140
N-methylperfluorooctanesulfonamidoacetic acid (NMeFOSAA)	0.246	0.206		ug/Kg		83	65 - 155
N-ethylperfluorooctanesulfonamidoacetic acid (NEtFOSAA)	0.246	0.236		ug/Kg		96	65 - 165
N-methylperfluorooctane sulfonamidoethanol (NMeFOSE)	1.23	1.310		ug/Kg		106	70 - 140
N-ethylperfluorooctane sulfonamidoethanol (NEtFOSE)	1.23	1.355		ug/Kg		110	70 - 135
Hexafluoropropylene Oxide Dimer Acid (HFPO-DA)	0.185	0.187	J	ug/Kg		101	70 - 145
4,8-Dioxa-3H-perfluorononanoic acid (ADONA)	0.233	0.245		ug/Kg		105	70 - 160
Perfluoro-3-methoxypropanoic acid (PFMPA)	0.246	0.222		ug/Kg		90	30 - 140

Method: 1633A - Per- and Polyfluoroalkyl Substances by LC/MS/MS, 1633A (Continued)

Lab Sample ID: LLCS 410-711992/3-A
Matrix: Solid
Analysis Batch: 711812

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 711992

Analyte			Spike Added	LLCS Result	LLCS Qualifier	Unit	D	%Rec	%Rec Limits		
Perfluoro-4-methoxybutanoic acid (PFMBA)			0.246	0.204		ug/Kg		83	60 - 150		
Nonafluoro-3,6-dioxaheptanoic acid (NFDHA)			0.246	0.228		ug/Kg		92	60 - 155		
9-Chlorohexadecafluoro-3-oxanonane-1-sulfonic acid (9Cl-PF3ONS)			0.230	0.217		ug/Kg		94	70 - 150		
11-Chloroeicosafluoro-3-oxaundecane-1-sulfonic acid (11Cl-PF3OUdS)			0.233	0.198	J	ug/Kg		85	45 - 160		
Perfluoro (2-ethoxyethane) sulfonic acid (PFEESA)			0.220	0.209		ug/Kg		95	70 - 140		
3-Perfluoropropylpropanoic acid (3:3 FTCA)			0.493	0.405		ug/Kg		82	45 - 130		
3-Perfluoropentylpropanoic acid (5:3 FTCA)			1.23	1.281		ug/Kg		104	60 - 130		
3-Perfluoroheptylpropanoic acid (7:3 FTCA)			1.23	1.149		ug/Kg		93	60 - 150		

Isotope Dilution	*LLCS %Recovery*	*LLCS Qualifier*	*Limits*
13C4 PFBA	*80.4*		*8 - 130*
13C5 PFPeA	*89.1*		*35 - 130*
13C5 PFHxA	*78.1*		*40 - 130*
13C4 PFHpA	*81.7*		*40 - 130*
13C8 PFOA	*78.8*		*40 - 130*
13C9 PFNA	*82.2*		*40 - 130*
13C6 PFDA	*80.2*		*40 - 130*
13C7 PFUnA	*76.3*		*40 - 130*
13C2 PFTeDA	*64.8*		*20 - 130*
13C3 PFBS	*72.6*		*40 - 135*
13C3 PFHxS	*79.4*		*40 - 130*
13C8 PFOS	*80.6*		*40 - 130*
13C8 FOSA	*72.6*		*40 - 130*
d3-NMeFOSAA	*63.4*		*40 - 135*
d5-NEtFOSAA	*66.5*		*40 - 150*
13C2 4:2 FTS	*69.4*		*40 - 165*
13C2 6:2 FTS	*71.4*		*40 - 215*
13C2 8:2 FTS	*73.1*		*40 - 275*
13C3 HFPO-DA	*81.1*		*40 - 130*
d7-N-MeFOSE-M	*52.4*		*20 - 130*
d9-N-EtFOSE-M	*43.2*		*15 - 130*
d5-NEtPFOSA	*51.2*		*10 - 130*
d3-NMePFOSA	*54.5*		*10 - 130*
13C2 PFDoA	*72.3*		*40 - 130*

Method: 6020B - Metals (ICP/MS)

Lab Sample ID: MB 460-1066689/1-A
Matrix: Solid
Analysis Batch: 1066878

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 1066689

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Aluminum	20.0	U	20.0	5.5	mg/Kg		10/08/25 06:57	10/08/25 14:59	1
Antimony	1.0	U	1.0	0.15	mg/Kg		10/08/25 06:57	10/08/25 14:59	1
Arsenic	1.0	U	1.0	0.10	mg/Kg		10/08/25 06:57	10/08/25 14:59	1
Barium	2.0	U	2.0	0.15	mg/Kg		10/08/25 06:57	10/08/25 14:59	1
Beryllium	0.40	U	0.40	0.022	mg/Kg		10/08/25 06:57	10/08/25 14:59	1
Cadmium	1.0	U	1.0	0.11	mg/Kg		10/08/25 06:57	10/08/25 14:59	1
Calcium	100	U	100	9.7	mg/Kg		10/08/25 06:57	10/08/25 14:59	1
Chromium	2.0	U	2.0	0.30	mg/Kg		10/08/25 06:57	10/08/25 14:59	1
Cobalt	1.0	U	1.0	0.15	mg/Kg		10/08/25 06:57	10/08/25 14:59	1
Copper	2.0	U	2.0	0.37	mg/Kg		10/08/25 06:57	10/08/25 14:59	1
Iron	60.0	U	60.0	7.7	mg/Kg		10/08/25 06:57	10/08/25 14:59	1
Lead	0.60	U	0.60	0.20	mg/Kg		10/08/25 06:57	10/08/25 14:59	1
Magnesium	100	U	100	10.2	mg/Kg		10/08/25 06:57	10/08/25 14:59	1
Manganese	4.0	U	4.0	0.40	mg/Kg		10/08/25 06:57	10/08/25 14:59	1
Nickel	2.0	U	2.0	0.18	mg/Kg		10/08/25 06:57	10/08/25 14:59	1
Potassium	100	U	100	16.2	mg/Kg		10/08/25 06:57	10/08/25 14:59	1
Selenium	1.3	U	1.3	0.13	mg/Kg		10/08/25 06:57	10/08/25 14:59	1
Silver	0.40	U	0.40	0.089	mg/Kg		10/08/25 06:57	10/08/25 14:59	1
Sodium	100	U	100	45.7	mg/Kg		10/08/25 06:57	10/08/25 14:59	1
Thallium	0.40	U	0.40	0.041	mg/Kg		10/08/25 06:57	10/08/25 14:59	1
Vanadium	2.0	U	2.0	0.21	mg/Kg		10/08/25 06:57	10/08/25 14:59	1
Zinc	8.0	U	8.0	1.1	mg/Kg		10/08/25 06:57	10/08/25 14:59	1

Lab Sample ID: LCSSRM 460-1066689/2-A
Matrix: Solid
Analysis Batch: 1066878

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 1066689

Analyte	Spike Added	LCSSRM Result	LCSSRM Qualifier	Unit	D	%Rec	%Rec Limits
Aluminum	6840	6078		mg/Kg		88.9	53.2 - 146.2
Antimony	131	87.72		mg/Kg		67.0	4.5 - 195.4
Arsenic	192	188.1		mg/Kg		98.0	81.3 - 118.8
Barium	219	208.8		mg/Kg		95.3	81.7 - 118.3
Beryllium	146	134.1		mg/Kg		91.8	82.2 - 117.8
Cadmium	114	109.9		mg/Kg		96.4	81.7 - 118.4
Calcium	4080	3924		mg/Kg		96.2	82.4 - 117.6
Chromium	153	152.9		mg/Kg		100	81.0 - 119.0
Cobalt	231	235.0		mg/Kg		101.7	83.1 - 117.3
Copper	91.2	90.90		mg/Kg		99.7	83.1 - 117.3
Iron	7020	6020		mg/Kg		85.8	60.7 - 139.2
Lead	141	127.4		mg/Kg		90.3	81.6 - 118.4

Method: 6020B - Metals (ICP/MS) (Continued)

Lab Sample ID: LCSSRM 460-1066689/2-A
Matrix: Solid
Analysis Batch: 1066878

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 1066689

Analyte	Spike Added	LCSSRM Result	LCSSRM Qualifier	Unit	D	%Rec	%Rec Limits
Magnesium	1900	1821		mg/Kg		95.9	76.3 - 123.7
Manganese	401	392.8		mg/Kg		97.9	80.8 - 119.0
Nickel	143	150.0		mg/Kg		104.9	81.8 - 118.9
Potassium	1760	1638		mg/Kg		93.1	72.2 - 127.8
Selenium	94.7	95.53		mg/Kg		100.9	78.5 - 121.4
Silver	77.0	70.56		mg/Kg		91.6	79.4 - 120.6
Sodium	661	700.8		mg/Kg		106.0	73.7 - 126.2
Thallium	183	169.9		mg/Kg		92.8	80.3 - 119.7
Vanadium	159	152.6		mg/Kg		96.0	78.6 - 122.0
Zinc	292	295.4		mg/Kg		101.2	79.8 - 120.2

Lab Sample ID: 460-336309-7 MS
Matrix: Solid
Analysis Batch: 1066878

Client Sample ID: 4A_0-7
Prep Type: Total/NA
Prep Batch: 1066689

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec Limits
Aluminum	6490		535	8195	4	mg/Kg	☼	318	75 - 125
Antimony	0.82	J	5.35	2.65	N	mg/Kg	☼	34	75 - 125
Arsenic	6.9		10.7	16.43		mg/Kg	☼	89	75 - 125
Barium	48.2		10.7	58.93	4	mg/Kg	☼	100	75 - 125
Beryllium	0.75		5.35	5.27		mg/Kg	☼	85	75 - 125
Cadmium	0.40	J	5.35	5.08		mg/Kg	☼	87	75 - 125
Calcium	1520		535	2324	N	mg/Kg	☼	151	75 - 125
Chromium	23.6		10.7	38.46	N	mg/Kg	☼	139	75 - 125
Cobalt	13.2		5.35	15.91	N	mg/Kg	☼	50	75 - 125
Copper	93.2		10.7	77.99	4	mg/Kg	☼	-142	75 - 125
Iron	18500		535	19100	4	mg/Kg	☼	109	75 - 125
Lead	108		5.35	92.49	4	mg/Kg	☼	-293	75 - 125
Magnesium	2220		535	2933	4	mg/Kg	☼	133	75 - 125
Manganese	246		53.5	290.8	4	mg/Kg	☼	84	75 - 125
Nickel	46.0		10.7	32.85	4	mg/Kg	☼	-122	75 - 125
Potassium	897		535	1538		mg/Kg	☼	120	75 - 125
Selenium	0.78	J	10.7	10.14		mg/Kg	☼	87	75 - 125
Silver	0.25	J	5.35	4.87		mg/Kg	☼	86	75 - 125
Sodium	103	J	535	593.8		mg/Kg	☼	92	75 - 125
Thallium	0.075	J	4.28	3.88		mg/Kg	☼	89	75 - 125
Vanadium	23.0		10.7	34.05		mg/Kg	☼	103	75 - 125
Zinc	245		53.5	222.9	4	mg/Kg	☼	-40	75 - 125

Method: 6020B - Metals (ICP/MS) (Continued)

Lab Sample ID: 460-336309-7 DU
Matrix: Solid
Analysis Batch: 1066878

Client Sample ID: 4A_0-7
Prep Type: Total/NA
Prep Batch: 1066689

Analyte	Sample Result	Sample Qualifier	DU Result	DU Qualifier	Unit	D	RPD	RPD Limit
Aluminum	6490		6778		mg/Kg	☼	4	20
Antimony	0.82	J	0.756	J	mg/Kg	☼	8	20
Arsenic	6.9		7.02		mg/Kg	☼	1	20
Barium	48.2		57.95		mg/Kg	☼	18	20
Beryllium	0.75		0.845		mg/Kg	☼	12	20
Cadmium	0.40	J	0.417	J	mg/Kg	☼	4	20
Calcium	1520		2174	*	mg/Kg	☼	36	20
Chromium	23.6		36.09	*	mg/Kg	☼	42	20
Cobalt	13.2		14.55		mg/Kg	☼	9	20
Copper	93.2		92.34		mg/Kg	☼	0.9	20
Iron	18500		19610		mg/Kg	☼	6	20
Lead	108		104.4		mg/Kg	☼	4	20
Magnesium	2220		2367		mg/Kg	☼	6	20
Manganese	246		242.3		mg/Kg	☼	1	20
Nickel	46.0		31.59	*	mg/Kg	☼	37	20
Potassium	897		919.4		mg/Kg	☼	2	20
Selenium	0.78	J	1.36		mg/Kg	☼	54	20
Silver	0.25	J	0.273	J	mg/Kg	☼	10	20
Sodium	103	J	123.7		mg/Kg	☼	18	20
Thallium	0.075	J	0.0746	J	mg/Kg	☼	0.1	20
Vanadium	23.0		23.37		mg/Kg	☼	2	20
Zinc	245		290.8		mg/Kg	☼	17	20

Method: 7471B - Mercury (CVAA)

Lab Sample ID: MB 460-1066934/1-A
Matrix: Solid
Analysis Batch: 1067052

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 1066934

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	0.017	U	0.017	0.0080	mg/Kg		10/09/25 01:54	10/09/25 07:28	1

Lab Sample ID: LCSSRM 460-1066934/2-A
Matrix: Solid
Analysis Batch: 1067052

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 1066934

Analyte	Spike Added	LCSSRM Result	LCSSRM Qualifier	Unit	D	%Rec	%Rec Limits
Mercury	14.1	12.71		mg/Kg		90.2	69.6 - 130.5

Lab Sample ID: 460-335266-A-1-K MS
Matrix: Solid
Analysis Batch: 1067052

Client Sample ID: Matrix Spike
Prep Type: Total/NA
Prep Batch: 1066934

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec Limits
Mercury	0.015	J	0.0872	0.0962		mg/Kg	☼	93	80 - 120

Method: 7471B - Mercury (CVAA) (Continued)

Lab Sample ID: 460-335266-A-1-J DU
Matrix: Solid
Analysis Batch: 1067052

Client Sample ID: Duplicate
Prep Type: Total/NA
Prep Batch: 1066934

Analyte	Sample Result	Sample Qualifier		DU Result	DU Qualifier	Unit	D			RPD	RPD Limit
Mercury	0.015	J		0.0162	J	mg/Kg	☼			5	20

Lab Sample ID: MB 460-1066935/1-A
Matrix: Solid
Analysis Batch: 1067052

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 1066935

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	0.017	U	0.017	0.0080	mg/Kg		10/09/25 02:17	10/09/25 08:51	1

Lab Sample ID: LCSSRM 460-1066935/2-A
Matrix: Solid
Analysis Batch: 1067052

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 1066935

Analyte			Spike Added	LCSSRM Result	LCSSRM Qualifier	Unit	D	%Rec	%Rec Limits		
Mercury			14.1	11.63		mg/Kg		82.5	69.6 - 130.5		

Lab Sample ID: 460-336314-A-1-J MS
Matrix: Solid
Analysis Batch: 1067052

Client Sample ID: Matrix Spike
Prep Type: Total/NA
Prep Batch: 1066935

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec Limits		
Mercury	0.013	J	0.0779	0.0862		mg/Kg	☼	94	80 - 120		

Lab Sample ID: 460-336314-A-1-I DU
Matrix: Solid
Analysis Batch: 1067052

Client Sample ID: Duplicate
Prep Type: Total/NA
Prep Batch: 1066935

Analyte	Sample Result	Sample Qualifier		DU Result	DU Qualifier	Unit	D			RPD	RPD Limit
Mercury	0.013	J		0.0135	J	mg/Kg	☼			3	20

Method: Moisture - Percent Moisture

Lab Sample ID: 460-336309-1 DU
Matrix: Solid
Analysis Batch: 1066571

Client Sample ID: 6D_0-6
Prep Type: Total/NA

Analyte	Sample Result	Sample Qualifier		DU Result	DU Qualifier	Unit	D			RPD	RPD Limit
Percent Moisture	4.2			4.5		%				8	20
Percent Solids	95.8			95.5		%				0.4	20

Lab Sample ID: 460-335813-A-1 DU
Matrix: Solid
Analysis Batch: 1066604

Client Sample ID: Duplicate
Prep Type: Total/NA

Analyte	Sample Result	Sample Qualifier		DU Result	DU Qualifier	Unit	D			RPD	RPD Limit
Percent Moisture	16.4			16.8		%				2	20
Percent Solids	83.6			83.2		%				0.5	20

Method: Moisture - Percent Moisture (Continued)

Lab Sample ID: 460-336286-A-1 DU
Matrix: Solid
Analysis Batch: 1066604

Client Sample ID: Duplicate
Prep Type: Total/NA

Analyte	Sample Result	Sample Qualifier		DU Result	DU Qualifier	Unit	D			RPD	RPD Limit
Percent Moisture	2.6			2.7		%				6	20
Percent Solids	97.4			97.3		%				0.2	20

Lab Sample ID: 460-336286-A-2 DU
Matrix: Solid
Analysis Batch: 1066605

Client Sample ID: Duplicate
Prep Type: Total/NA

Analyte	Sample Result	Sample Qualifier		DU Result	DU Qualifier	Unit	D			RPD	RPD Limit
Percent Moisture	2.9			3.9	*	%				30	20
Percent Solids	97.1			96.1		%				1	20

Lab Sample ID: 460-336293-B-1 DU
Matrix: Solid
Analysis Batch: 1066605

Client Sample ID: Duplicate
Prep Type: Total/NA

Analyte	Sample Result	Sample Qualifier		DU Result	DU Qualifier	Unit	D			RPD	RPD Limit
Percent Moisture	6.6			6.8		%				3	20
Percent Solids	93.4			93.2		%				0.2	20

GC/MS VOA

Prep Batch: 1066172

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
460-336309-19	6D1_1-2	Total/NA	Solid	5035	
460-336309-20	6D2_2-3	Total/NA	Solid	5035	
460-336309-21	6D3_4-5	Total/NA	Solid	5035	
460-336309-22	6D1_6-7	Total/NA	Solid	5035	
460-336309-23	6D2_7-8	Total/NA	Solid	5035	
460-336309-24	6D3_9-10	Total/NA	Solid	5035	
460-336309-25	6D1_10-11	Total/NA	Solid	5035	
460-336309-26	6E1_1-2	Total/NA	Solid	5035	
460-336309-27	6E2_3-4	Total/NA	Solid	5035	
460-336309-28	6E3_4-5	Total/NA	Solid	5035	
460-336309-29	6E1_6-7	Total/NA	Solid	5035	
460-336309-30	6E2_7-8	Total/NA	Solid	5035	
460-336309-31	6E3_8-9	Total/NA	Solid	5035	
460-336309-32	6E3_11-12	Total/NA	Solid	5035	
460-336309-33	6F1_1-2	Total/NA	Solid	5035	
460-336309-34	6F2_3-4	Total/NA	Solid	5035	
460-336309-35	6F3_4-5	Total/NA	Solid	5035	
460-336309-36	6F1_6-7	Total/NA	Solid	5035	
460-336309-37	6F2_7-8	Total/NA	Solid	5035	
460-336309-38	6F3_9-10	Total/NA	Solid	5035	
460-336309-39	6F2_10-11	Total/NA	Solid	5035	
460-336309-40	4A1_2-3	Total/NA	Solid	5035	
460-336309-41	4A2_3-4	Total/NA	Solid	5035	
460-336309-42	4A3_5-6	Total/NA	Solid	5035	
460-336309-43	4A1_7-8	Total/NA	Solid	5035	

Prep Batch: 1066177

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
460-336309-53	4B2_11-12	Total/NA	Solid	5035	

Prep Batch: 1066178

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
460-336309-44	4A2_9-10	Total/NA	Solid	5035	
460-336309-45	4A3_10-11	Total/NA	Solid	5035	
460-336309-46	4A1_12-13	Total/NA	Solid	5035	
460-336309-47	4B1_2-3	Total/NA	Solid	5035	
460-336309-48	4B2_3-4	Total/NA	Solid	5035	
460-336309-49	4B3_5-6	Total/NA	Solid	5035	
460-336309-50	4B1_7-8	Total/NA	Solid	5035	
460-336309-51	4B2_8-9	Total/NA	Solid	5035	
460-336309-52	4B3_10-11	Total/NA	Solid	5035	
460-336309-54	4C1_1-2	Total/NA	Solid	5035	
460-336309-55	4C2_3-4	Total/NA	Solid	5035	
460-336309-56	4C3_5-6	Total/NA	Solid	5035	
460-336309-57	4C1_6-7	Total/NA	Solid	5035	
460-336309-58	4C2_8-9	Total/NA	Solid	5035	
460-336309-59	4C3_11-12	Total/NA	Solid	5035	
460-336309-60	4C1_13-14	Total/NA	Solid	5035	
460-336309-61	4D1_1-2	Total/NA	Solid	5035	
460-336309-62	4D2_2-3	Total/NA	Solid	5035	
460-336309-63	4D3_4-5	Total/NA	Solid	5035	

GC/MS VOA (Continued)

Prep Batch: 1066178 (Continued)

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
460-336309-64	4D1_6-7	Total/NA	Solid	5035	
460-336309-65	4D2_7-8	Total/NA	Solid	5035	
460-336309-66	4D3_9-10	Total/NA	Solid	5035	
460-336309-67	4D1_11-12	Total/NA	Solid	5035	
460-336309-68	4E1_1-2	Total/NA	Solid	5035	

Prep Batch: 1066184

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
460-336309-69	4E2_3-4	Total/NA	Solid	5035	
460-336309-70	4E3_4-5	Total/NA	Solid	5035	
460-336309-71	4E1_5-6	Total/NA	Solid	5035	
460-336309-72	4E2_7-8	Total/NA	Solid	5035	
460-336309-73	4E3_9-10	Total/NA	Solid	5035	
460-336309-74	4E2_12-13	Total/NA	Solid	5035	
460-336309-75	4F1_1-2	Total/NA	Solid	5035	
460-336309-76	4F2_3-4	Total/NA	Solid	5035	
460-336309-77	4F3_5-6	Total/NA	Solid	5035	
460-336309-78	4F1_6-7	Total/NA	Solid	5035	
460-336309-79	4F2_8-9	Total/NA	Solid	5035	
460-336309-80	4F3_10-11	Total/NA	Solid	5035	
460-336309-81	4F1_12-13	Total/NA	Solid	5035	

Analysis Batch: 1066254

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
460-336309-19	6D1_1-2	Total/NA	Solid	8260D	1066172
460-336309-20	6D2_2-3	Total/NA	Solid	8260D	1066172
460-336309-21	6D3_4-5	Total/NA	Solid	8260D	1066172
460-336309-22	6D1_6-7	Total/NA	Solid	8260D	1066172
460-336309-23	6D2_7-8	Total/NA	Solid	8260D	1066172
460-336309-24	6D3_9-10	Total/NA	Solid	8260D	1066172
460-336309-25	6D1_10-11	Total/NA	Solid	8260D	1066172
460-336309-26	6E1_1-2	Total/NA	Solid	8260D	1066172
460-336309-27	6E2_3-4	Total/NA	Solid	8260D	1066172
460-336309-28	6E3_4-5	Total/NA	Solid	8260D	1066172
460-336309-29	6E1_6-7	Total/NA	Solid	8260D	1066172
460-336309-31	6E3_8-9	Total/NA	Solid	8260D	1066172
460-336309-32	6E3_11-12	Total/NA	Solid	8260D	1066172
460-336309-33	6F1_1-2	Total/NA	Solid	8260D	1066172
460-336309-34	6F2_3-4	Total/NA	Solid	8260D	1066172
MB 460-1066254/7	Method Blank	Total/NA	Solid	8260D	
LCS 460-1066254/3	Lab Control Sample	Total/NA	Solid	8260D	
LCSD 460-1066254/4	Lab Control Sample Dup	Total/NA	Solid	8260D	

Analysis Batch: 1066309

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
460-336309-35	6F3_4-5	Total/NA	Solid	8260D	1066172
460-336309-36	6F1_6-7	Total/NA	Solid	8260D	1066172
460-336309-37	6F2_7-8	Total/NA	Solid	8260D	1066172
460-336309-38	6F3_9-10	Total/NA	Solid	8260D	1066172
460-336309-39	6F2_10-11	Total/NA	Solid	8260D	1066172
460-336309-40	4A1_2-3	Total/NA	Solid	8260D	1066172

GC/MS VOA (Continued)

Analysis Batch: 1066309 (Continued)

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
460-336309-41	4A2_3-4	Total/NA	Solid	8260D	1066172
460-336309-42	4A3_5-6	Total/NA	Solid	8260D	1066172
460-336309-43	4A1_7-8	Total/NA	Solid	8260D	1066172
460-336309-44	4A2_9-10	Total/NA	Solid	8260D	1066178
460-336309-45	4A3_10-11	Total/NA	Solid	8260D	1066178
460-336309-46	4A1_12-13	Total/NA	Solid	8260D	1066178
460-336309-47	4B1_2-3	Total/NA	Solid	8260D	1066178
460-336309-48	4B2_3-4	Total/NA	Solid	8260D	1066178
460-336309-49	4B3_5-6	Total/NA	Solid	8260D	1066178
460-336309-50	4B1_7-8	Total/NA	Solid	8260D	1066178
MB 460-1066309/7	Method Blank	Total/NA	Solid	8260D	
LCS 460-1066309/3	Lab Control Sample	Total/NA	Solid	8260D	
LCSD 460-1066309/4	Lab Control Sample Dup	Total/NA	Solid	8260D	

Analysis Batch: 1066310

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
460-336309-51	4B2_8-9	Total/NA	Solid	8260D	1066178
460-336309-52	4B3_10-11	Total/NA	Solid	8260D	1066178
460-336309-54	4C1_1-2	Total/NA	Solid	8260D	1066178
460-336309-55	4C2_3-4	Total/NA	Solid	8260D	1066178
460-336309-58	4C2_8-9	Total/NA	Solid	8260D	1066178
460-336309-60	4C1_13-14	Total/NA	Solid	8260D	1066178
460-336309-61	4D1_1-2	Total/NA	Solid	8260D	1066178
460-336309-62	4D2_2-3	Total/NA	Solid	8260D	1066178
460-336309-63	4D3_4-5	Total/NA	Solid	8260D	1066178
460-336309-64	4D1_6-7	Total/NA	Solid	8260D	1066178
460-336309-65	4D2_7-8	Total/NA	Solid	8260D	1066178
460-336309-66	4D3_9-10	Total/NA	Solid	8260D	1066178
460-336309-67	4D1_11-12	Total/NA	Solid	8260D	1066178
460-336309-68	4E1_1-2	Total/NA	Solid	8260D	1066178
460-336309-69	4E2_3-4	Total/NA	Solid	8260D	1066184
460-336309-70	4E3_4-5	Total/NA	Solid	8260D	1066184
MB 460-1066310/7	Method Blank	Total/NA	Solid	8260D	
LCS 460-1066310/3	Lab Control Sample	Total/NA	Solid	8260D	
LCSD 460-1066310/4	Lab Control Sample Dup	Total/NA	Solid	8260D	

Analysis Batch: 1066311

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
460-336309-56	4C3_5-6	Total/NA	Solid	8260D	1066178
460-336309-57	4C1_6-7	Total/NA	Solid	8260D	1066178
460-336309-72	4E2_7-8	Total/NA	Solid	8260D	1066184
460-336309-73	4E3_9-10	Total/NA	Solid	8260D	1066184
460-336309-74	4E2_12-13	Total/NA	Solid	8260D	1066184
460-336309-75	4F1_1-2	Total/NA	Solid	8260D	1066184
460-336309-76	4F2_3-4	Total/NA	Solid	8260D	1066184
460-336309-77	4F3_5-6	Total/NA	Solid	8260D	1066184
460-336309-78	4F1_6-7	Total/NA	Solid	8260D	1066184
460-336309-79	4F2_8-9	Total/NA	Solid	8260D	1066184
460-336309-80	4F3_10-11	Total/NA	Solid	8260D	1066184
460-336309-81	4F1_12-13	Total/NA	Solid	8260D	1066184
MB 460-1066311/7	Method Blank	Total/NA	Solid	8260D	

GC/MS VOA (Continued)

Analysis Batch: 1066311 (Continued)

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
LCS 460-1066311/3	Lab Control Sample	Total/NA	Solid	8260D	
LCSD 460-1066311/4	Lab Control Sample Dup	Total/NA	Solid	8260D	

Analysis Batch: 1066538

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
460-336309-71	4E1_5-6	Total/NA	Solid	8260D	1066184
MB 460-1066538/7	Method Blank	Total/NA	Solid	8260D	
LCS 460-1066538/2	Lab Control Sample	Total/NA	Solid	8260D	
LCSD 460-1066538/4	Lab Control Sample Dup	Total/NA	Solid	8260D	

Analysis Batch: 1066734

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
460-336309-30	6E2_7-8	Total/NA	Solid	8260D	1066172
MB 460-1066734/7	Method Blank	Total/NA	Solid	8260D	
LCS 460-1066734/3	Lab Control Sample	Total/NA	Solid	8260D	
LCSD 460-1066734/4	Lab Control Sample Dup	Total/NA	Solid	8260D	

Analysis Batch: 1066833

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
460-336309-59	4C3_11-12	Total/NA	Solid	8260D	1066178
MB 460-1066833/8	Method Blank	Total/NA	Solid	8260D	
LCS 460-1066833/3	Lab Control Sample	Total/NA	Solid	8260D	
LCSD 460-1066833/4	Lab Control Sample Dup	Total/NA	Solid	8260D	

Analysis Batch: 1067457

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
460-336309-53	4B2_11-12	Total/NA	Solid	8260D	1066177
MB 460-1067457/36	Method Blank	Total/NA	Solid	8260D	
LCS 460-1067457/34	Lab Control Sample	Total/NA	Solid	8260D	
LCSD 460-1067457/35	Lab Control Sample Dup	Total/NA	Solid	8260D	

GC/MS Semi VOA

Prep Batch: 1066067

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
460-336309-1	6D_0-6	Total/NA	Solid	3546	
460-336309-2	6D_6-12	Total/NA	Solid	3546	
460-336309-3	6E_0-6	Total/NA	Solid	3546	
460-336309-4	6E_6-12	Total/NA	Solid	3546	
460-336309-5	6F_0-6	Total/NA	Solid	3546	
460-336309-6	6F_6-12	Total/NA	Solid	3546	
460-336309-7	4A_0-7	Total/NA	Solid	3546	
460-336309-8	4A_7-14	Total/NA	Solid	3546	
460-336309-9	4B_0-7	Total/NA	Solid	3546	
460-336309-10	4B_7-14	Total/NA	Solid	3546	
460-336309-11	4C_0-7	Total/NA	Solid	3546	
460-336309-12	4C_7-14	Total/NA	Solid	3546	
MB 460-1066067/1-A	Method Blank	Total/NA	Solid	3546	
LCS 460-1066067/2-A	Lab Control Sample	Total/NA	Solid	3546	
LCSD 460-1066067/3-A	Lab Control Sample Dup	Total/NA	Solid	3546	

GC/MS Semi VOA

Prep Batch: 1066069

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
460-336309-13	4D_0-7	Total/NA	Solid	3546	
460-336309-14	4D_7-14	Total/NA	Solid	3546	
460-336309-15	4E_0-7	Total/NA	Solid	3546	
460-336309-16	4E_7-14	Total/NA	Solid	3546	
460-336309-17	4F_0-7	Total/NA	Solid	3546	
460-336309-18	4F_7-14	Total/NA	Solid	3546	
MB 460-1066069/1-A	Method Blank	Total/NA	Solid	3546	
LCS 460-1066069/2-A	Lab Control Sample	Total/NA	Solid	3546	
LCSD 460-1066069/3-A	Lab Control Sample Dup	Total/NA	Solid	3546	
460-336436-E-2-A MS	Matrix Spike	Total/NA	Solid	3546	
460-336436-E-2-B MSD	Matrix Spike Duplicate	Total/NA	Solid	3546	

Analysis Batch: 1066166

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
460-336309-13	4D_0-7	Total/NA	Solid	8270E	1066069
460-336309-14	4D_7-14	Total/NA	Solid	8270E	1066069
460-336309-15	4E_0-7	Total/NA	Solid	8270E	1066069
460-336309-16	4E_7-14	Total/NA	Solid	8270E	1066069
460-336309-17	4F_0-7	Total/NA	Solid	8270E	1066069
460-336309-18	4F_7-14	Total/NA	Solid	8270E	1066069
MB 460-1066069/1-A	Method Blank	Total/NA	Solid	8270E	1066069
LCS 460-1066069/2-A	Lab Control Sample	Total/NA	Solid	8270E	1066069
LCSD 460-1066069/3-A	Lab Control Sample Dup	Total/NA	Solid	8270E	1066069
460-336436-E-2-A MS	Matrix Spike	Total/NA	Solid	8270E	1066069
460-336436-E-2-B MSD	Matrix Spike Duplicate	Total/NA	Solid	8270E	1066069

Analysis Batch: 1066169

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
460-336309-1	6D_0-6	Total/NA	Solid	8270E	1066067
460-336309-2	6D_6-12	Total/NA	Solid	8270E	1066067
460-336309-3	6E_0-6	Total/NA	Solid	8270E	1066067
460-336309-4	6E_6-12	Total/NA	Solid	8270E	1066067
460-336309-5	6F_0-6	Total/NA	Solid	8270E	1066067
460-336309-6	6F_6-12	Total/NA	Solid	8270E	1066067
460-336309-7	4A_0-7	Total/NA	Solid	8270E	1066067
460-336309-8	4A_7-14	Total/NA	Solid	8270E	1066067
460-336309-9	4B_0-7	Total/NA	Solid	8270E	1066067
460-336309-10	4B_7-14	Total/NA	Solid	8270E	1066067
460-336309-11	4C_0-7	Total/NA	Solid	8270E	1066067
460-336309-12	4C_7-14	Total/NA	Solid	8270E	1066067
MB 460-1066067/1-A	Method Blank	Total/NA	Solid	8270E	1066067
LCS 460-1066067/2-A	Lab Control Sample	Total/NA	Solid	8270E	1066067
LCSD 460-1066067/3-A	Lab Control Sample Dup	Total/NA	Solid	8270E	1066067

GC Semi VOA

Prep Batch: 1066081

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
460-336309-1	6D_0-6	Total/NA	Solid	3546	
460-336309-2	6D_6-12	Total/NA	Solid	3546	
460-336309-3	6E_0-6	Total/NA	Solid	3546	

GC Semi VOA (Continued)

Prep Batch: 1066081 (Continued)

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
460-336309-4	6E_6-12	Total/NA	Solid	3546	
460-336309-5	6F_0-6	Total/NA	Solid	3546	
460-336309-6	6F_6-12	Total/NA	Solid	3546	
460-336309-7	4A_0-7	Total/NA	Solid	3546	
460-336309-8	4A_7-14	Total/NA	Solid	3546	
460-336309-9	4B_0-7	Total/NA	Solid	3546	
460-336309-10	4B_7-14	Total/NA	Solid	3546	
460-336309-11	4C_0-7	Total/NA	Solid	3546	
460-336309-12	4C_7-14	Total/NA	Solid	3546	
460-336309-13	4D_0-7	Total/NA	Solid	3546	
460-336309-14	4D_7-14	Total/NA	Solid	3546	
460-336309-15	4E_0-7	Total/NA	Solid	3546	
460-336309-16	4E_7-14	Total/NA	Solid	3546	
460-336309-17	4F_0-7	Total/NA	Solid	3546	
460-336309-18	4F_7-14	Total/NA	Solid	3546	
MB 460-1066081/1-A	Method Blank	Total/NA	Solid	3546	
LCS 460-1066081/2-A	Lab Control Sample	Total/NA	Solid	3546	
LCSD 460-1066081/3-A	Lab Control Sample Dup	Total/NA	Solid	3546	
460-336309-1 MS	6D_0-6	Total/NA	Solid	3546	
460-336309-1 MSD	6D_0-6	Total/NA	Solid	3546	

Prep Batch: 1066087

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
460-336309-1	6D_0-6	Total/NA	Solid	3546	
460-336309-2	6D_6-12	Total/NA	Solid	3546	
460-336309-3	6E_0-6	Total/NA	Solid	3546	
460-336309-4	6E_6-12	Total/NA	Solid	3546	
460-336309-5	6F_0-6	Total/NA	Solid	3546	
460-336309-6	6F_6-12	Total/NA	Solid	3546	
460-336309-7	4A_0-7	Total/NA	Solid	3546	
460-336309-8	4A_7-14	Total/NA	Solid	3546	
460-336309-9	4B_0-7	Total/NA	Solid	3546	
460-336309-10	4B_7-14	Total/NA	Solid	3546	
460-336309-11	4C_0-7	Total/NA	Solid	3546	
460-336309-12	4C_7-14	Total/NA	Solid	3546	
460-336309-13	4D_0-7	Total/NA	Solid	3546	
460-336309-14	4D_7-14	Total/NA	Solid	3546	
460-336309-15	4E_0-7	Total/NA	Solid	3546	
460-336309-16	4E_7-14	Total/NA	Solid	3546	
460-336309-17	4F_0-7	Total/NA	Solid	3546	
460-336309-18	4F_7-14	Total/NA	Solid	3546	
MB 460-1066087/1-A	Method Blank	Total/NA	Solid	3546	
LCS 460-1066087/2-A	Lab Control Sample	Total/NA	Solid	3546	
LCSD 460-1066087/3-A	Lab Control Sample Dup	Total/NA	Solid	3546	
460-336309-1 MS	6D_0-6	Total/NA	Solid	3546	
460-336309-1 MSD	6D_0-6	Total/NA	Solid	3546	

Analysis Batch: 1066123

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
460-336309-1	6D_0-6	Total/NA	Solid	8081B	1066087
460-336309-2	6D_6-12	Total/NA	Solid	8081B	1066087

GC Semi VOA (Continued)

Analysis Batch: 1066123 (Continued)

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
460-336309-3	6E_0-6	Total/NA	Solid	8081B	1066087
460-336309-4	6E_6-12	Total/NA	Solid	8081B	1066087
460-336309-5	6F_0-6	Total/NA	Solid	8081B	1066087
460-336309-6	6F_6-12	Total/NA	Solid	8081B	1066087
460-336309-7	4A_0-7	Total/NA	Solid	8081B	1066087
460-336309-8	4A_7-14	Total/NA	Solid	8081B	1066087
460-336309-9	4B_0-7	Total/NA	Solid	8081B	1066087
460-336309-10	4B_7-14	Total/NA	Solid	8081B	1066087
460-336309-11	4C_0-7	Total/NA	Solid	8081B	1066087
460-336309-12	4C_7-14	Total/NA	Solid	8081B	1066087
460-336309-13	4D_0-7	Total/NA	Solid	8081B	1066087
460-336309-14	4D_7-14	Total/NA	Solid	8081B	1066087
460-336309-15	4E_0-7	Total/NA	Solid	8081B	1066087
460-336309-16	4E_7-14	Total/NA	Solid	8081B	1066087
460-336309-17	4F_0-7	Total/NA	Solid	8081B	1066087
460-336309-18	4F_7-14	Total/NA	Solid	8081B	1066087
MB 460-1066087/1-A	Method Blank	Total/NA	Solid	8081B	1066087
LCS 460-1066087/2-A	Lab Control Sample	Total/NA	Solid	8081B	1066087
LCSD 460-1066087/3-A	Lab Control Sample Dup	Total/NA	Solid	8081B	1066087
460-336309-1 MS	6D_0-6	Total/NA	Solid	8081B	1066087
460-336309-1 MSD	6D_0-6	Total/NA	Solid	8081B	1066087

Analysis Batch: 1066321

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
460-336309-1	6D_0-6	Total/NA	Solid	8082A	1066081
460-336309-2	6D_6-12	Total/NA	Solid	8082A	1066081
460-336309-3	6E_0-6	Total/NA	Solid	8082A	1066081
460-336309-4	6E_6-12	Total/NA	Solid	8082A	1066081
460-336309-5	6F_0-6	Total/NA	Solid	8082A	1066081
460-336309-6	6F_6-12	Total/NA	Solid	8082A	1066081
460-336309-7	4A_0-7	Total/NA	Solid	8082A	1066081
460-336309-8	4A_7-14	Total/NA	Solid	8082A	1066081
460-336309-9	4B_0-7	Total/NA	Solid	8082A	1066081
460-336309-10	4B_7-14	Total/NA	Solid	8082A	1066081
460-336309-11	4C_0-7	Total/NA	Solid	8082A	1066081
460-336309-12	4C_7-14	Total/NA	Solid	8082A	1066081
460-336309-13	4D_0-7	Total/NA	Solid	8082A	1066081
460-336309-14	4D_7-14	Total/NA	Solid	8082A	1066081
460-336309-15	4E_0-7	Total/NA	Solid	8082A	1066081
460-336309-16	4E_7-14	Total/NA	Solid	8082A	1066081
460-336309-17	4F_0-7	Total/NA	Solid	8082A	1066081
460-336309-18	4F_7-14	Total/NA	Solid	8082A	1066081
MB 460-1066081/1-A	Method Blank	Total/NA	Solid	8082A	1066081
LCS 460-1066081/2-A	Lab Control Sample	Total/NA	Solid	8082A	1066081
LCSD 460-1066081/3-A	Lab Control Sample Dup	Total/NA	Solid	8082A	1066081
460-336309-1 MS	6D_0-6	Total/NA	Solid	8082A	1066081
460-336309-1 MSD	6D_0-6	Total/NA	Solid	8082A	1066081

LCMS

Prep Batch: 710609

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
460-336309-1	6D_0-6	Total/NA	Solid	1633A Shake	
460-336309-2	6D_6-12	Total/NA	Solid	1633A Shake	
460-336309-4	6E_6-12	Total/NA	Solid	1633A Shake	
460-336309-5	6F_0-6	Total/NA	Solid	1633A Shake	
460-336309-6	6F_6-12	Total/NA	Solid	1633A Shake	
460-336309-7	4A_0-7	Total/NA	Solid	1633A Shake	
460-336309-8	4A_7-14	Total/NA	Solid	1633A Shake	
460-336309-9	4B_0-7	Total/NA	Solid	1633A Shake	
460-336309-10	4B_7-14	Total/NA	Solid	1633A Shake	
460-336309-11	4C_0-7	Total/NA	Solid	1633A Shake	
460-336309-12	4C_7-14	Total/NA	Solid	1633A Shake	
460-336309-13	4D_0-7	Total/NA	Solid	1633A Shake	
460-336309-14	4D_7-14	Total/NA	Solid	1633A Shake	
460-336309-16	4E_7-14	Total/NA	Solid	1633A Shake	
460-336309-17	4F_0-7	Total/NA	Solid	1633A Shake	
460-336309-18	4F_7-14	Total/NA	Solid	1633A Shake	
MB 410-710609/1-A	Method Blank	Total/NA	Solid	1633A Shake	
LCS 410-710609/2-A	Lab Control Sample	Total/NA	Solid	1633A Shake	
LCSD 410-710609/3-A	Lab Control Sample Dup	Total/NA	Solid	1633A Shake	
LLCS 410-710609/4-A	Lab Control Sample	Total/NA	Solid	1633A Shake	

Analysis Batch: 711345

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
460-336309-1	6D_0-6	Total/NA	Solid	1633A	710609
460-336309-2	6D_6-12	Total/NA	Solid	1633A	710609
460-336309-4	6E_6-12	Total/NA	Solid	1633A	710609
460-336309-5	6F_0-6	Total/NA	Solid	1633A	710609
460-336309-6	6F_6-12	Total/NA	Solid	1633A	710609
460-336309-7	4A_0-7	Total/NA	Solid	1633A	710609
460-336309-8	4A_7-14	Total/NA	Solid	1633A	710609
460-336309-9	4B_0-7	Total/NA	Solid	1633A	710609
460-336309-10	4B_7-14	Total/NA	Solid	1633A	710609
460-336309-11	4C_0-7	Total/NA	Solid	1633A	710609
460-336309-12	4C_7-14	Total/NA	Solid	1633A	710609
460-336309-13	4D_0-7	Total/NA	Solid	1633A	710609
460-336309-14	4D_7-14	Total/NA	Solid	1633A	710609
460-336309-16	4E_7-14	Total/NA	Solid	1633A	710609
460-336309-17	4F_0-7	Total/NA	Solid	1633A	710609
460-336309-18	4F_7-14	Total/NA	Solid	1633A	710609
MB 410-710609/1-A	Method Blank	Total/NA	Solid	1633A	710609
LCS 410-710609/2-A	Lab Control Sample	Total/NA	Solid	1633A	710609
LCSD 410-710609/3-A	Lab Control Sample Dup	Total/NA	Solid	1633A	710609
LLCS 410-710609/4-A	Lab Control Sample	Total/NA	Solid	1633A	710609

Prep Batch: 711573

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
460-336309-3	6E_0-6	Total/NA	Solid	1633A Shake	
MB 410-711573/1-A	Method Blank	Total/NA	Solid	1633A Shake	
LCS 410-711573/2-A	Lab Control Sample	Total/NA	Solid	1633A Shake	
LCSD 410-711573/3-A	Lab Control Sample Dup	Total/NA	Solid	1633A Shake	
LLCS 410-711573/4-A	Lab Control Sample	Total/NA	Solid	1633A Shake	

LCMS

Analysis Batch: 711812

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
460-336309-15	4E_0-7	Total/NA	Solid	1633A	711992
MB 410-711992/1-A	Method Blank	Total/NA	Solid	1633A	711992
LCS 410-711992/2-A	Lab Control Sample	Total/NA	Solid	1633A	711992
LCSD 410-711992/4-A	Lab Control Sample Dup	Total/NA	Solid	1633A	711992
LLCS 410-711992/3-A	Lab Control Sample	Total/NA	Solid	1633A	711992

Analysis Batch: 711815

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
MB 410-711573/1-A	Method Blank	Total/NA	Solid	1633A	711573
LLCS 410-711573/4-A	Lab Control Sample	Total/NA	Solid	1633A	711573

Prep Batch: 711992

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
460-336309-15	4E_0-7	Total/NA	Solid	1633A Shake	
MB 410-711992/1-A	Method Blank	Total/NA	Solid	1633A Shake	
LCS 410-711992/2-A	Lab Control Sample	Total/NA	Solid	1633A Shake	
LCSD 410-711992/4-A	Lab Control Sample Dup	Total/NA	Solid	1633A Shake	
LLCS 410-711992/3-A	Lab Control Sample	Total/NA	Solid	1633A Shake	

Analysis Batch: 712029

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
460-336309-3	6E_0-6	Total/NA	Solid	1633A	711573
LCS 410-711573/2-A	Lab Control Sample	Total/NA	Solid	1633A	711573
LCSD 410-711573/3-A	Lab Control Sample Dup	Total/NA	Solid	1633A	711573

Metals

Prep Batch: 1066689

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
460-336309-1	6D_0-6	Total/NA	Solid	3050B	
460-336309-2	6D_6-12	Total/NA	Solid	3050B	
460-336309-3	6E_0-6	Total/NA	Solid	3050B	
460-336309-4	6E_6-12	Total/NA	Solid	3050B	
460-336309-5	6F_0-6	Total/NA	Solid	3050B	
460-336309-6	6F_6-12	Total/NA	Solid	3050B	
460-336309-7	4A_0-7	Total/NA	Solid	3050B	
460-336309-8	4A_7-14	Total/NA	Solid	3050B	
460-336309-9	4B_0-7	Total/NA	Solid	3050B	
460-336309-10	4B_7-14	Total/NA	Solid	3050B	
460-336309-11	4C_0-7	Total/NA	Solid	3050B	
460-336309-12	4C_7-14	Total/NA	Solid	3050B	
460-336309-13	4D_0-7	Total/NA	Solid	3050B	
460-336309-14	4D_7-14	Total/NA	Solid	3050B	
460-336309-15	4E_0-7	Total/NA	Solid	3050B	
460-336309-16	4E_7-14	Total/NA	Solid	3050B	
460-336309-17	4F_0-7	Total/NA	Solid	3050B	
460-336309-18	4F_7-14	Total/NA	Solid	3050B	
MB 460-1066689/1-A	Method Blank	Total/NA	Solid	3050B	
LCSSRM 460-1066689/2-A	Lab Control Sample	Total/NA	Solid	3050B	
460-336309-7 MS	4A_0-7	Total/NA	Solid	3050B	
460-336309-7 DU	4A_0-7	Total/NA	Solid	3050B	

Metals

Analysis Batch: 1066878

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
460-336309-1	6D_0-6	Total/NA	Solid	6020B	1066689
460-336309-2	6D_6-12	Total/NA	Solid	6020B	1066689
460-336309-3	6E_0-6	Total/NA	Solid	6020B	1066689
460-336309-4	6E_6-12	Total/NA	Solid	6020B	1066689
460-336309-5	6F_0-6	Total/NA	Solid	6020B	1066689
460-336309-6	6F_6-12	Total/NA	Solid	6020B	1066689
460-336309-7	4A_0-7	Total/NA	Solid	6020B	1066689
460-336309-8	4A_7-14	Total/NA	Solid	6020B	1066689
460-336309-9	4B_0-7	Total/NA	Solid	6020B	1066689
460-336309-10	4B_7-14	Total/NA	Solid	6020B	1066689
460-336309-11	4C_0-7	Total/NA	Solid	6020B	1066689
460-336309-12	4C_7-14	Total/NA	Solid	6020B	1066689
460-336309-13	4D_0-7	Total/NA	Solid	6020B	1066689
460-336309-14	4D_7-14	Total/NA	Solid	6020B	1066689
460-336309-15	4E_0-7	Total/NA	Solid	6020B	1066689
460-336309-16	4E_7-14	Total/NA	Solid	6020B	1066689
460-336309-17	4F_0-7	Total/NA	Solid	6020B	1066689
460-336309-18	4F_7-14	Total/NA	Solid	6020B	1066689
MB 460-1066689/1-A	Method Blank	Total/NA	Solid	6020B	1066689
LCSSRM 460-1066689/2-A	Lab Control Sample	Total/NA	Solid	6020B	1066689
460-336309-7 MS	4A_0-7	Total/NA	Solid	6020B	1066689
460-336309-7 DU	4A_0-7	Total/NA	Solid	6020B	1066689

Prep Batch: 1066934

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
460-336309-1	6D_0-6	Total/NA	Solid	7471B	
460-336309-2	6D_6-12	Total/NA	Solid	7471B	
460-336309-3	6E_0-6	Total/NA	Solid	7471B	
460-336309-4	6E_6-12	Total/NA	Solid	7471B	
460-336309-5	6F_0-6	Total/NA	Solid	7471B	
460-336309-6	6F_6-12	Total/NA	Solid	7471B	
460-336309-7	4A_0-7	Total/NA	Solid	7471B	
460-336309-8	4A_7-14	Total/NA	Solid	7471B	
460-336309-9	4B_0-7	Total/NA	Solid	7471B	
460-336309-10	4B_7-14	Total/NA	Solid	7471B	
MB 460-1066934/1-A	Method Blank	Total/NA	Solid	7471B	
LCSSRM 460-1066934/2-A	Lab Control Sample	Total/NA	Solid	7471B	
460-335266-A-1-K MS	Matrix Spike	Total/NA	Solid	7471B	
460-335266-A-1-J DU	Duplicate	Total/NA	Solid	7471B	

Prep Batch: 1066935

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
460-336309-11	4C_0-7	Total/NA	Solid	7471B	
460-336309-12	4C_7-14	Total/NA	Solid	7471B	
460-336309-13	4D_0-7	Total/NA	Solid	7471B	
460-336309-14	4D_7-14	Total/NA	Solid	7471B	
460-336309-15	4E_0-7	Total/NA	Solid	7471B	
460-336309-16	4E_7-14	Total/NA	Solid	7471B	
460-336309-17	4F_0-7	Total/NA	Solid	7471B	
460-336309-18	4F_7-14	Total/NA	Solid	7471B	
MB 460-1066935/1-A	Method Blank	Total/NA	Solid	7471B	

Metals (Continued)

Prep Batch: 1066935 (Continued)

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
LCSSRM 460-1066935/2-A	Lab Control Sample	Total/NA	Solid	7471B	
460-336314-A-1-J MS	Matrix Spike	Total/NA	Solid	7471B	
460-336314-A-1-I DU	Duplicate	Total/NA	Solid	7471B	

Analysis Batch: 1067052

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
460-336309-1	6D_0-6	Total/NA	Solid	7471B	1066934
460-336309-2	6D_6-12	Total/NA	Solid	7471B	1066934
460-336309-3	6E_0-6	Total/NA	Solid	7471B	1066934
460-336309-4	6E_6-12	Total/NA	Solid	7471B	1066934
460-336309-5	6F_0-6	Total/NA	Solid	7471B	1066934
460-336309-6	6F_6-12	Total/NA	Solid	7471B	1066934
460-336309-7	4A_0-7	Total/NA	Solid	7471B	1066934
460-336309-8	4A_7-14	Total/NA	Solid	7471B	1066934
460-336309-9	4B_0-7	Total/NA	Solid	7471B	1066934
460-336309-10	4B_7-14	Total/NA	Solid	7471B	1066934
460-336309-11	4C_0-7	Total/NA	Solid	7471B	1066935
460-336309-12	4C_7-14	Total/NA	Solid	7471B	1066935
460-336309-13	4D_0-7	Total/NA	Solid	7471B	1066935
460-336309-14	4D_7-14	Total/NA	Solid	7471B	1066935
460-336309-15	4E_0-7	Total/NA	Solid	7471B	1066935
460-336309-16	4E_7-14	Total/NA	Solid	7471B	1066935
460-336309-17	4F_0-7	Total/NA	Solid	7471B	1066935
460-336309-18	4F_7-14	Total/NA	Solid	7471B	1066935
MB 460-1066934/1-A	Method Blank	Total/NA	Solid	7471B	1066934
MB 460-1066935/1-A	Method Blank	Total/NA	Solid	7471B	1066935
LCSSRM 460-1066934/2-A	Lab Control Sample	Total/NA	Solid	7471B	1066934
LCSSRM 460-1066935/2-A	Lab Control Sample	Total/NA	Solid	7471B	1066935
460-335266-A-1-K MS	Matrix Spike	Total/NA	Solid	7471B	1066934
460-336314-A-1-J MS	Matrix Spike	Total/NA	Solid	7471B	1066935
460-335266-A-1-J DU	Duplicate	Total/NA	Solid	7471B	1066934
460-336314-A-1-I DU	Duplicate	Total/NA	Solid	7471B	1066935

General Chemistry

Analysis Batch: 1066571

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
460-336309-1	6D_0-6	Total/NA	Solid	Moisture	
460-336309-2	6D_6-12	Total/NA	Solid	Moisture	
460-336309-3	6E_0-6	Total/NA	Solid	Moisture	
460-336309-4	6E_6-12	Total/NA	Solid	Moisture	
460-336309-5	6F_0-6	Total/NA	Solid	Moisture	
460-336309-6	6F_6-12	Total/NA	Solid	Moisture	
460-336309-7	4A_0-7	Total/NA	Solid	Moisture	
460-336309-8	4A_7-14	Total/NA	Solid	Moisture	
460-336309-9	4B_0-7	Total/NA	Solid	Moisture	
460-336309-10	4B_7-14	Total/NA	Solid	Moisture	
460-336309-11	4C_0-7	Total/NA	Solid	Moisture	
460-336309-12	4C_7-14	Total/NA	Solid	Moisture	
460-336309-13	4D_0-7	Total/NA	Solid	Moisture	
460-336309-14	4D_7-14	Total/NA	Solid	Moisture	

General Chemistry (Continued)

Analysis Batch: 1066571 (Continued)

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
460-336309-15	4E_0-7	Total/NA	Solid	Moisture	
460-336309-16	4E_7-14	Total/NA	Solid	Moisture	
460-336309-17	4F_0-7	Total/NA	Solid	Moisture	
460-336309-18	4F_7-14	Total/NA	Solid	Moisture	
460-336309-1 DU	6D_0-6	Total/NA	Solid	Moisture	

Analysis Batch: 1066604

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
460-336309-19	6D1_1-2	Total/NA	Solid	Moisture	
460-336309-20	6D2_2-3	Total/NA	Solid	Moisture	
460-336309-21	6D3_4-5	Total/NA	Solid	Moisture	
460-336309-22	6D1_6-7	Total/NA	Solid	Moisture	
460-336309-23	6D2_7-8	Total/NA	Solid	Moisture	
460-336309-24	6D3_9-10	Total/NA	Solid	Moisture	
460-336309-25	6D1_10-11	Total/NA	Solid	Moisture	
460-336309-26	6E1_1-2	Total/NA	Solid	Moisture	
460-336309-27	6E2_3-4	Total/NA	Solid	Moisture	
460-336309-28	6E3_4-5	Total/NA	Solid	Moisture	
460-336309-29	6E1_6-7	Total/NA	Solid	Moisture	
460-336309-30	6E2_7-8	Total/NA	Solid	Moisture	
460-336309-31	6E3_8-9	Total/NA	Solid	Moisture	
460-336309-32	6E3_11-12	Total/NA	Solid	Moisture	
460-336309-33	6F1_1-2	Total/NA	Solid	Moisture	
460-336309-34	6F2_3-4	Total/NA	Solid	Moisture	
460-336309-35	6F3_4-5	Total/NA	Solid	Moisture	
460-336309-36	6F1_6-7	Total/NA	Solid	Moisture	
460-336309-37	6F2_7-8	Total/NA	Solid	Moisture	
460-336309-38	6F3_9-10	Total/NA	Solid	Moisture	
460-336309-39	6F2_10-11	Total/NA	Solid	Moisture	
460-336309-40	4A1_2-3	Total/NA	Solid	Moisture	
460-336309-41	4A2_3-4	Total/NA	Solid	Moisture	
460-336309-42	4A3_5-6	Total/NA	Solid	Moisture	
460-336309-43	4A1_7-8	Total/NA	Solid	Moisture	
460-336309-44	4A2_9-10	Total/NA	Solid	Moisture	
460-336309-45	4A3_10-11	Total/NA	Solid	Moisture	
460-336309-46	4A1_12-13	Total/NA	Solid	Moisture	
460-336309-47	4B1_2-3	Total/NA	Solid	Moisture	
460-336309-48	4B2_3-4	Total/NA	Solid	Moisture	
460-336309-49	4B3_5-6	Total/NA	Solid	Moisture	
460-336309-50	4B1_7-8	Total/NA	Solid	Moisture	
460-336309-51	4B2_8-9	Total/NA	Solid	Moisture	
460-336309-52	4B3_10-11	Total/NA	Solid	Moisture	
460-336309-53	4B2_11-12	Total/NA	Solid	Moisture	
460-335813-A-1 DU	Duplicate	Total/NA	Solid	Moisture	
460-336286-A-1 DU	Duplicate	Total/NA	Solid	Moisture	

Analysis Batch: 1066605

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
460-336309-54	4C1_1-2	Total/NA	Solid	Moisture	
460-336309-55	4C2_3-4	Total/NA	Solid	Moisture	
460-336309-56	4C3_5-6	Total/NA	Solid	Moisture	

General Chemistry (Continued)

Analysis Batch: 1066605 (Continued)

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
460-336309-57	4C1_6-7	Total/NA	Solid	Moisture	
460-336309-58	4C2_8-9	Total/NA	Solid	Moisture	
460-336309-59	4C3_11-12	Total/NA	Solid	Moisture	
460-336309-60	4C1_13-14	Total/NA	Solid	Moisture	
460-336309-61	4D1_1-2	Total/NA	Solid	Moisture	
460-336309-62	4D2_2-3	Total/NA	Solid	Moisture	
460-336309-63	4D3_4-5	Total/NA	Solid	Moisture	
460-336309-64	4D1_6-7	Total/NA	Solid	Moisture	
460-336309-65	4D2_7-8	Total/NA	Solid	Moisture	
460-336309-66	4D3_9-10	Total/NA	Solid	Moisture	
460-336309-67	4D1_11-12	Total/NA	Solid	Moisture	
460-336309-68	4E1_1-2	Total/NA	Solid	Moisture	
460-336309-69	4E2_3-4	Total/NA	Solid	Moisture	
460-336309-70	4E3_4-5	Total/NA	Solid	Moisture	
460-336309-71	4E1_5-6	Total/NA	Solid	Moisture	
460-336309-72	4E2_7-8	Total/NA	Solid	Moisture	
460-336309-73	4E3_9-10	Total/NA	Solid	Moisture	
460-336309-74	4E2_12-13	Total/NA	Solid	Moisture	
460-336309-75	4F1_1-2	Total/NA	Solid	Moisture	
460-336309-76	4F2_3-4	Total/NA	Solid	Moisture	
460-336309-77	4F3_5-6	Total/NA	Solid	Moisture	
460-336309-78	4F1_6-7	Total/NA	Solid	Moisture	
460-336309-79	4F2_8-9	Total/NA	Solid	Moisture	
460-336309-80	4F3_10-11	Total/NA	Solid	Moisture	
460-336309-81	4F1_12-13	Total/NA	Solid	Moisture	
460-336286-A-2 DU	Duplicate	Total/NA	Solid	Moisture	
460-336293-B-1 DU	Duplicate	Total/NA	Solid	Moisture	

Lab Chronicle

Client: Haley & Aldrich, Inc.
Project/Site: Former Port Mobil

Job ID: 460-336309-1

Client Sample ID: 6D_0-6
Date Collected: 10/02/25 08:00
Date Received: 10/02/25 16:00

Lab Sample ID: 460-336309-1
Matrix: Solid

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Analysis	Moisture		1	1066571	CJC	EET EDI	10/07/25 16:17

Client Sample ID: 6D_0-6
Date Collected: 10/02/25 08:00
Date Received: 10/02/25 16:00

Lab Sample ID: 460-336309-1
Matrix: Solid
Percent Solids: 95.8

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Prep	3546			1066067	BJB	EET EDI	10/05/25 13:19
Total/NA	Analysis	8270E		1	1066169	DXD	EET EDI	10/06/25 11:42
Total/NA	Prep	3546			1066087	ARA	EET EDI	10/05/25 16:16
Total/NA	Analysis	8081B		1	1066123	FAM	EET EDI	10/06/25 09:36
Total/NA	Prep	3546			1066081	ARA	EET EDI	10/05/25 15:56
Total/NA	Analysis	8082A		1	1066321	JHP	EET EDI	10/06/25 19:39
Total/NA	Prep	1633A Shake			710609	RC3V	ELLE	10/08/25 06:11
Total/NA	Analysis	1633A		1	711345	P7EB	ELLE	10/09/25 09:48
Total/NA	Prep	3050B			1066689	FBT	EET EDI	10/08/25 06:57
Total/NA	Analysis	6020B		1	1066878	CDC	EET EDI	10/08/25 15:19
Total/NA	Prep	7471B			1066934	TJS	EET EDI	10/09/25 01:54
Total/NA	Analysis	7471B		1	1067052	TJS	EET EDI	10/09/25 08:17

Client Sample ID: 6D_6-12
Date Collected: 10/02/25 08:05
Date Received: 10/02/25 16:00

Lab Sample ID: 460-336309-2
Matrix: Solid

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Analysis	Moisture		1	1066571	CJC	EET EDI	10/07/25 16:17

Client Sample ID: 6D_6-12
Date Collected: 10/02/25 08:05
Date Received: 10/02/25 16:00

Lab Sample ID: 460-336309-2
Matrix: Solid
Percent Solids: 95.0

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Prep	3546			1066067	BJB	EET EDI	10/05/25 13:19
Total/NA	Analysis	8270E		1	1066169	DXD	EET EDI	10/06/25 12:05
Total/NA	Prep	3546			1066087	ARA	EET EDI	10/05/25 16:16
Total/NA	Analysis	8081B		1	1066123	FAM	EET EDI	10/06/25 10:13
Total/NA	Prep	3546			1066081	ARA	EET EDI	10/05/25 15:56
Total/NA	Analysis	8082A		1	1066321	JHP	EET EDI	10/06/25 19:56
Total/NA	Prep	1633A Shake			710609	RC3V	ELLE	10/08/25 06:11
Total/NA	Analysis	1633A		1	711345	P7EB	ELLE	10/09/25 10:02
Total/NA	Prep	3050B			1066689	FBT	EET EDI	10/08/25 06:57
Total/NA	Analysis	6020B		1	1066878	CDC	EET EDI	10/08/25 15:22
Total/NA	Prep	7471B			1066934	TJS	EET EDI	10/09/25 01:54
Total/NA	Analysis	7471B		1	1067052	TJS	EET EDI	10/09/25 08:19

Lab Chronicle

Client: Haley & Aldrich, Inc.
Project/Site: Former Port Mobil

Job ID: 460-336309-1

Client Sample ID: 6E_0-6
Date Collected: 10/02/25 08:10
Date Received: 10/02/25 16:00

Lab Sample ID: 460-336309-3
Matrix: Solid

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Analysis	Moisture		1	1066571	CJC	EET EDI	10/07/25 16:17

Client Sample ID: 6E_0-6
Date Collected: 10/02/25 08:10
Date Received: 10/02/25 16:00

Lab Sample ID: 460-336309-3
Matrix: Solid
Percent Solids: 96.5

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Prep	3546			1066067	BJB	EET EDI	10/05/25 13:19
Total/NA	Analysis	8270E		1	1066169	DXD	EET EDI	10/06/25 12:27
Total/NA	Prep	3546			1066087	ARA	EET EDI	10/05/25 16:16
Total/NA	Analysis	8081B		1	1066123	FAM	EET EDI	10/06/25 10:25
Total/NA	Prep	3546			1066081	ARA	EET EDI	10/05/25 15:56
Total/NA	Analysis	8082A		1	1066321	JHP	EET EDI	10/06/25 20:12
Total/NA	Prep	1633A Shake			711573	MSH2	ELLE	10/09/25 14:17
Total/NA	Analysis	1633A		1	712029	QY4X	ELLE	10/10/25 12:42
Total/NA	Prep	3050B			1066689	FBT	EET EDI	10/08/25 06:57
Total/NA	Analysis	6020B		1	1066878	CDC	EET EDI	10/08/25 15:25
Total/NA	Prep	7471B			1066934	TJS	EET EDI	10/09/25 01:54
Total/NA	Analysis	7471B		1	1067052	TJS	EET EDI	10/09/25 08:22

Client Sample ID: 6E_6-12
Date Collected: 10/02/25 08:15
Date Received: 10/02/25 16:00

Lab Sample ID: 460-336309-4
Matrix: Solid

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Analysis	Moisture		1	1066571	CJC	EET EDI	10/07/25 16:17

Client Sample ID: 6E_6-12
Date Collected: 10/02/25 08:15
Date Received: 10/02/25 16:00

Lab Sample ID: 460-336309-4
Matrix: Solid
Percent Solids: 96.1

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Prep	3546			1066067	BJB	EET EDI	10/05/25 13:19
Total/NA	Analysis	8270E		1	1066169	DXD	EET EDI	10/06/25 12:49
Total/NA	Prep	3546			1066087	ARA	EET EDI	10/05/25 16:16
Total/NA	Analysis	8081B		1	1066123	FAM	EET EDI	10/06/25 10:38
Total/NA	Prep	3546			1066081	ARA	EET EDI	10/05/25 15:56
Total/NA	Analysis	8082A		1	1066321	JHP	EET EDI	10/06/25 20:29
Total/NA	Prep	1633A Shake			710609	RC3V	ELLE	10/08/25 06:11
Total/NA	Analysis	1633A		1	711345	P7EB	ELLE	10/09/25 10:29
Total/NA	Prep	3050B			1066689	FBT	EET EDI	10/08/25 06:57
Total/NA	Analysis	6020B		1	1066878	CDC	EET EDI	10/08/25 15:33
Total/NA	Prep	7471B			1066934	TJS	EET EDI	10/09/25 01:54
Total/NA	Analysis	7471B		1	1067052	TJS	EET EDI	10/09/25 08:25

Lab Chronicle

Client: Haley & Aldrich, Inc.
Project/Site: Former Port Mobil

Job ID: 460-336309-1

Client Sample ID: 6F_0-6
Date Collected: 10/02/25 08:20
Date Received: 10/02/25 16:00

Lab Sample ID: 460-336309-5
Matrix: Solid

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Analysis	Moisture		1	1066571	CJC	EET EDI	10/07/25 16:17

Client Sample ID: 6F_0-6
Date Collected: 10/02/25 08:20
Date Received: 10/02/25 16:00

Lab Sample ID: 460-336309-5
Matrix: Solid
Percent Solids: 97.3

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Prep	3546			1066067	BJB	EET EDI	10/05/25 13:19
Total/NA	Analysis	8270E		1	1066169	DXD	EET EDI	10/06/25 13:11
Total/NA	Prep	3546			1066087	ARA	EET EDI	10/05/25 16:16
Total/NA	Analysis	8081B		1	1066123	FAM	EET EDI	10/06/25 10:50
Total/NA	Prep	3546			1066081	ARA	EET EDI	10/05/25 15:56
Total/NA	Analysis	8082A		1	1066321	JHP	EET EDI	10/06/25 20:46
Total/NA	Prep	1633A Shake			710609	RC3V	ELLE	10/08/25 06:11
Total/NA	Analysis	1633A		1	711345	P7EB	ELLE	10/09/25 10:43
Total/NA	Prep	3050B			1066689	FBT	EET EDI	10/08/25 06:57
Total/NA	Analysis	6020B		1	1066878	CDC	EET EDI	10/08/25 15:36
Total/NA	Prep	7471B			1066934	TJS	EET EDI	10/09/25 01:54
Total/NA	Analysis	7471B		1	1067052	TJS	EET EDI	10/09/25 08:28

Client Sample ID: 6F_6-12
Date Collected: 10/02/25 08:25
Date Received: 10/02/25 16:00

Lab Sample ID: 460-336309-6
Matrix: Solid

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Analysis	Moisture		1	1066571	CJC	EET EDI	10/07/25 16:17

Client Sample ID: 6F_6-12
Date Collected: 10/02/25 08:25
Date Received: 10/02/25 16:00

Lab Sample ID: 460-336309-6
Matrix: Solid
Percent Solids: 97.9

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Prep	3546			1066067	BJB	EET EDI	10/05/25 13:19
Total/NA	Analysis	8270E		1	1066169	DXD	EET EDI	10/06/25 13:34
Total/NA	Prep	3546			1066087	ARA	EET EDI	10/05/25 16:16
Total/NA	Analysis	8081B		1	1066123	FAM	EET EDI	10/06/25 11:02
Total/NA	Prep	3546			1066081	ARA	EET EDI	10/05/25 15:56
Total/NA	Analysis	8082A		1	1066321	JHP	EET EDI	10/06/25 21:02
Total/NA	Prep	1633A Shake			710609	RC3V	ELLE	10/08/25 06:11
Total/NA	Analysis	1633A		1	711345	P7EB	ELLE	10/09/25 10:56
Total/NA	Prep	3050B			1066689	FBT	EET EDI	10/08/25 06:57
Total/NA	Analysis	6020B		1	1066878	CDC	EET EDI	10/08/25 15:39
Total/NA	Prep	7471B			1066934	TJS	EET EDI	10/09/25 01:54
Total/NA	Analysis	7471B		1	1067052	TJS	EET EDI	10/09/25 08:37

Client Sample ID: 4A_0-7
Date Collected: 10/02/25 08:30
Date Received: 10/02/25 16:00

Lab Sample ID: 460-336309-7
Matrix: Solid

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Analysis	Moisture		1	1066571	CJC	EET EDI	10/07/25 16:17

Client Sample ID: 4A_0-7
Date Collected: 10/02/25 08:30
Date Received: 10/02/25 16:00

Lab Sample ID: 460-336309-7
Matrix: Solid
Percent Solids: 93.4

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Prep	3546			1066067	BJB	EET EDI	10/05/25 13:19
Total/NA	Analysis	8270E		1	1066169	DXD	EET EDI	10/06/25 15:25
Total/NA	Prep	3546			1066087	ARA	EET EDI	10/05/25 16:16
Total/NA	Analysis	8081B		1	1066123	FAM	EET EDI	10/06/25 11:14
Total/NA	Prep	3546			1066081	ARA	EET EDI	10/05/25 15:56
Total/NA	Analysis	8082A		1	1066321	JHP	EET EDI	10/06/25 21:19
Total/NA	Prep	1633A Shake			710609	RC3V	ELLE	10/08/25 06:11
Total/NA	Analysis	1633A		1	711345	P7EB	ELLE	10/09/25 11:10
Total/NA	Prep	3050B			1066689	FBT	EET EDI	10/08/25 06:57
Total/NA	Analysis	6020B		1	1066878	CDC	EET EDI	10/08/25 15:14
Total/NA	Prep	7471B			1066934	TJS	EET EDI	10/09/25 01:54
Total/NA	Analysis	7471B		1	1067052	TJS	EET EDI	10/09/25 08:40

Client Sample ID: 4A_7-14
Date Collected: 10/02/25 08:35
Date Received: 10/02/25 16:00

Lab Sample ID: 460-336309-8
Matrix: Solid

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Analysis	Moisture		1	1066571	CJC	EET EDI	10/07/25 16:17

Client Sample ID: 4A_7-14
Date Collected: 10/02/25 08:35
Date Received: 10/02/25 16:00

Lab Sample ID: 460-336309-8
Matrix: Solid
Percent Solids: 91.7

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Prep	3546			1066067	BJB	EET EDI	10/05/25 13:19
Total/NA	Analysis	8270E		1	1066169	DXD	EET EDI	10/06/25 15:47
Total/NA	Prep	3546			1066087	ARA	EET EDI	10/05/25 16:16
Total/NA	Analysis	8081B		1	1066123	FAM	EET EDI	10/06/25 11:27
Total/NA	Prep	3546			1066081	ARA	EET EDI	10/05/25 15:56
Total/NA	Analysis	8082A		1	1066321	JHP	EET EDI	10/06/25 21:36
Total/NA	Prep	1633A Shake			710609	RC3V	ELLE	10/08/25 06:11
Total/NA	Analysis	1633A		1	711345	P7EB	ELLE	10/09/25 11:24
Total/NA	Prep	3050B			1066689	FBT	EET EDI	10/08/25 06:57
Total/NA	Analysis	6020B		1	1066878	CDC	EET EDI	10/08/25 15:42
Total/NA	Prep	7471B			1066934	TJS	EET EDI	10/09/25 01:54
Total/NA	Analysis	7471B		1	1067052	TJS	EET EDI	10/09/25 08:43

Lab Chronicle

Client: Haley & Aldrich, Inc.
Project/Site: Former Port Mobil

Job ID: 460-336309-1

Client Sample ID: 4B_0-7
Date Collected: 10/02/25 08:40
Date Received: 10/02/25 16:00

Lab Sample ID: 460-336309-9
Matrix: Solid

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Analysis	Moisture		1	1066571	CJC	EET EDI	10/07/25 16:17

Client Sample ID: 4B_0-7
Date Collected: 10/02/25 08:40
Date Received: 10/02/25 16:00

Lab Sample ID: 460-336309-9
Matrix: Solid
Percent Solids: 92.7

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Prep	3546			1066067	BJB	EET EDI	10/05/25 13:19
Total/NA	Analysis	8270E		1	1066169	DXD	EET EDI	10/06/25 13:56
Total/NA	Prep	3546			1066087	ARA	EET EDI	10/05/25 16:16
Total/NA	Analysis	8081B		1	1066123	FAM	EET EDI	10/06/25 11:39
Total/NA	Prep	3546			1066081	ARA	EET EDI	10/05/25 15:56
Total/NA	Analysis	8082A		1	1066321	JHP	EET EDI	10/06/25 21:52
Total/NA	Prep	1633A Shake			710609	RC3V	ELLE	10/08/25 06:11
Total/NA	Analysis	1633A		1	711345	P7EB	ELLE	10/09/25 11:37
Total/NA	Prep	3050B			1066689	FBT	EET EDI	10/08/25 06:57
Total/NA	Analysis	6020B		1	1066878	CDC	EET EDI	10/08/25 15:45
Total/NA	Prep	7471B			1066934	TJS	EET EDI	10/09/25 01:54
Total/NA	Analysis	7471B		1	1067052	TJS	EET EDI	10/09/25 08:45

Client Sample ID: 4B_7-14
Date Collected: 10/02/25 08:45
Date Received: 10/02/25 16:00

Lab Sample ID: 460-336309-10
Matrix: Solid

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Analysis	Moisture		1	1066571	CJC	EET EDI	10/07/25 16:17

Client Sample ID: 4B_7-14
Date Collected: 10/02/25 08:45
Date Received: 10/02/25 16:00

Lab Sample ID: 460-336309-10
Matrix: Solid
Percent Solids: 91.5

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Prep	3546			1066067	BJB	EET EDI	10/05/25 13:19
Total/NA	Analysis	8270E		1	1066169	DXD	EET EDI	10/06/25 14:18
Total/NA	Prep	3546			1066087	ARA	EET EDI	10/05/25 16:16
Total/NA	Analysis	8081B		1	1066123	FAM	EET EDI	10/06/25 11:51
Total/NA	Prep	3546			1066081	ARA	EET EDI	10/05/25 15:56
Total/NA	Analysis	8082A		1	1066321	JHP	EET EDI	10/06/25 22:09
Total/NA	Prep	1633A Shake			710609	RC3V	ELLE	10/08/25 06:11
Total/NA	Analysis	1633A		1	711345	P7EB	ELLE	10/09/25 11:51
Total/NA	Prep	3050B			1066689	FBT	EET EDI	10/08/25 06:57
Total/NA	Analysis	6020B		1	1066878	CDC	EET EDI	10/08/25 15:56
Total/NA	Prep	7471B			1066934	TJS	EET EDI	10/09/25 01:54
Total/NA	Analysis	7471B		1	1067052	TJS	EET EDI	10/09/25 08:48

Lab Chronicle

Client: Haley & Aldrich, Inc.
Project/Site: Former Port Mobil

Job ID: 460-336309-1

Client Sample ID: 4C_0-7
Date Collected: 10/02/25 08:50
Date Received: 10/02/25 16:00

Lab Sample ID: 460-336309-11
Matrix: Solid

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Analysis	Moisture		1	1066571	CJC	EET EDI	10/07/25 16:17

Client Sample ID: 4C_0-7
Date Collected: 10/02/25 08:50
Date Received: 10/02/25 16:00

Lab Sample ID: 460-336309-11
Matrix: Solid
Percent Solids: 91.2

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Prep	3546			1066067	BJB	EET EDI	10/05/25 13:19
Total/NA	Analysis	8270E		1	1066169	DXD	EET EDI	10/06/25 14:40
Total/NA	Prep	3546			1066087	ARA	EET EDI	10/05/25 16:16
Total/NA	Analysis	8081B		1	1066123	FAM	EET EDI	10/06/25 12:04
Total/NA	Prep	3546			1066081	ARA	EET EDI	10/05/25 15:56
Total/NA	Analysis	8082A		1	1066321	JHP	EET EDI	10/06/25 22:26
Total/NA	Prep	1633A Shake			710609	RC3V	ELLE	10/08/25 06:11
Total/NA	Analysis	1633A		1	711345	P7EB	ELLE	10/09/25 12:32
Total/NA	Prep	3050B			1066689	FBT	EET EDI	10/08/25 06:57
Total/NA	Analysis	6020B		1	1066878	CDC	EET EDI	10/08/25 15:59
Total/NA	Prep	7471B			1066935	TJS	EET EDI	10/09/25 02:17
Total/NA	Analysis	7471B		1	1067052	TJS	EET EDI	10/09/25 09:14

Client Sample ID: 4C_7-14
Date Collected: 10/02/25 08:55
Date Received: 10/02/25 16:00

Lab Sample ID: 460-336309-12
Matrix: Solid

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Analysis	Moisture		1	1066571	CJC	EET EDI	10/07/25 16:17

Client Sample ID: 4C_7-14
Date Collected: 10/02/25 08:55
Date Received: 10/02/25 16:00

Lab Sample ID: 460-336309-12
Matrix: Solid
Percent Solids: 92.5

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Prep	3546			1066067	BJB	EET EDI	10/05/25 13:19
Total/NA	Analysis	8270E		1	1066169	DXD	EET EDI	10/06/25 15:03
Total/NA	Prep	3546			1066087	ARA	EET EDI	10/05/25 16:16
Total/NA	Analysis	8081B		1	1066123	FAM	EET EDI	10/06/25 12:16
Total/NA	Prep	3546			1066081	ARA	EET EDI	10/05/25 15:56
Total/NA	Analysis	8082A		1	1066321	JHP	EET EDI	10/06/25 22:42
Total/NA	Prep	1633A Shake			710609	RC3V	ELLE	10/08/25 06:11
Total/NA	Analysis	1633A		1	711345	P7EB	ELLE	10/09/25 12:45
Total/NA	Prep	3050B			1066689	FBT	EET EDI	10/08/25 06:57
Total/NA	Analysis	6020B		1	1066878	CDC	EET EDI	10/08/25 16:08
Total/NA	Prep	7471B			1066935	TJS	EET EDI	10/09/25 02:17
Total/NA	Analysis	7471B		1	1067052	TJS	EET EDI	10/09/25 09:17

Client Sample ID: 4D_0-7
Date Collected: 10/02/25 09:00
Date Received: 10/02/25 16:00

Lab Sample ID: 460-336309-13
Matrix: Solid

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Analysis	Moisture		1	1066571	CJC	EET EDI	10/07/25 16:17

Client Sample ID: 4D_0-7
Date Collected: 10/02/25 09:00
Date Received: 10/02/25 16:00

Lab Sample ID: 460-336309-13
Matrix: Solid
Percent Solids: 93.2

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Prep	3546			1066069	BJB	EET EDI	10/05/25 13:28
Total/NA	Analysis	8270E		1	1066166	DXD	EET EDI	10/06/25 12:32
Total/NA	Prep	3546			1066087	ARA	EET EDI	10/05/25 16:16
Total/NA	Analysis	8081B		1	1066123	FAM	EET EDI	10/06/25 12:28
Total/NA	Prep	3546			1066081	ARA	EET EDI	10/05/25 15:56
Total/NA	Analysis	8082A		1	1066321	JHP	EET EDI	10/06/25 22:59
Total/NA	Prep	1633A Shake			710609	RC3V	ELLE	10/08/25 06:11
Total/NA	Analysis	1633A		1	711345	P7EB	ELLE	10/09/25 12:59
Total/NA	Prep	3050B			1066689	FBT	EET EDI	10/08/25 06:57
Total/NA	Analysis	6020B		1	1066878	CDC	EET EDI	10/08/25 16:11
Total/NA	Prep	7471B			1066935	TJS	EET EDI	10/09/25 02:17
Total/NA	Analysis	7471B		1	1067052	TJS	EET EDI	10/09/25 09:20

Client Sample ID: 4D_7-14
Date Collected: 10/02/25 09:05
Date Received: 10/02/25 16:00

Lab Sample ID: 460-336309-14
Matrix: Solid

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Analysis	Moisture		1	1066571	CJC	EET EDI	10/07/25 16:17

Client Sample ID: 4D_7-14
Date Collected: 10/02/25 09:05
Date Received: 10/02/25 16:00

Lab Sample ID: 460-336309-14
Matrix: Solid
Percent Solids: 93.5

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Prep	3546			1066069	BJB	EET EDI	10/05/25 13:28
Total/NA	Analysis	8270E		1	1066166	DXD	EET EDI	10/06/25 12:15
Total/NA	Prep	3546			1066087	ARA	EET EDI	10/05/25 16:16
Total/NA	Analysis	8081B		1	1066123	FAM	EET EDI	10/06/25 12:41
Total/NA	Prep	3546			1066081	ARA	EET EDI	10/05/25 15:56
Total/NA	Analysis	8082A		1	1066321	JHP	EET EDI	10/06/25 23:16
Total/NA	Prep	1633A Shake			710609	RC3V	ELLE	10/08/25 06:11
Total/NA	Analysis	1633A		1	711345	P7EB	ELLE	10/09/25 13:12
Total/NA	Prep	3050B			1066689	FBT	EET EDI	10/08/25 06:57
Total/NA	Analysis	6020B		1	1066878	CDC	EET EDI	10/08/25 16:13
Total/NA	Prep	7471B			1066935	TJS	EET EDI	10/09/25 02:17
Total/NA	Analysis	7471B		1	1067052	TJS	EET EDI	10/09/25 09:23

Lab Chronicle

Client: Haley & Aldrich, Inc.
Project/Site: Former Port Mobil

Job ID: 460-336309-1

Client Sample ID: 4E_0-7
Date Collected: 10/02/25 09:10
Date Received: 10/02/25 16:00

Lab Sample ID: 460-336309-15
Matrix: Solid

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Analysis	Moisture		1	1066571	CJC	EET EDI	10/07/25 16:17

Client Sample ID: 4E_0-7
Date Collected: 10/02/25 09:10
Date Received: 10/02/25 16:00

Lab Sample ID: 460-336309-15
Matrix: Solid
Percent Solids: 94.7

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Prep	3546			1066069	BJB	EET EDI	10/05/25 13:28
Total/NA	Analysis	8270E		1	1066166	DXD	EET EDI	10/06/25 11:22
Total/NA	Prep	3546			1066087	ARA	EET EDI	10/05/25 16:16
Total/NA	Analysis	8081B		1	1066123	FAM	EET EDI	10/06/25 12:53
Total/NA	Prep	3546			1066081	ARA	EET EDI	10/05/25 15:56
Total/NA	Analysis	8082A		1	1066321	JHP	EET EDI	10/06/25 23:32
Total/NA	Prep	1633A Shake			711992	AM9P	ELLE	10/10/25 08:29
Total/NA	Analysis	1633A		1	711812	QY4X	ELLE	10/10/25 22:21
Total/NA	Prep	3050B			1066689	FBT	EET EDI	10/08/25 06:57
Total/NA	Analysis	6020B		1	1066878	CDC	EET EDI	10/08/25 16:16
Total/NA	Prep	7471B			1066935	TJS	EET EDI	10/09/25 02:17
Total/NA	Analysis	7471B		1	1067052	TJS	EET EDI	10/09/25 09:26

Client Sample ID: 4E_7-14
Date Collected: 10/02/25 09:15
Date Received: 10/02/25 16:00

Lab Sample ID: 460-336309-16
Matrix: Solid

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Analysis	Moisture		1	1066571	CJC	EET EDI	10/07/25 16:17

Client Sample ID: 4E_7-14
Date Collected: 10/02/25 09:15
Date Received: 10/02/25 16:00

Lab Sample ID: 460-336309-16
Matrix: Solid
Percent Solids: 92.7

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Prep	3546			1066069	BJB	EET EDI	10/05/25 13:28
Total/NA	Analysis	8270E		1	1066166	DXD	EET EDI	10/06/25 11:40
Total/NA	Prep	3546			1066087	ARA	EET EDI	10/05/25 16:16
Total/NA	Analysis	8081B		1	1066123	FAM	EET EDI	10/06/25 13:05
Total/NA	Prep	3546			1066081	ARA	EET EDI	10/05/25 15:56
Total/NA	Analysis	8082A		1	1066321	JHP	EET EDI	10/06/25 23:49
Total/NA	Prep	1633A Shake			710609	RC3V	ELLE	10/08/25 06:11
Total/NA	Analysis	1633A		1	711345	P7EB	ELLE	10/09/25 13:40
Total/NA	Prep	3050B			1066689	FBT	EET EDI	10/08/25 06:57
Total/NA	Analysis	6020B		1	1066878	CDC	EET EDI	10/08/25 16:19
Total/NA	Prep	7471B			1066935	TJS	EET EDI	10/09/25 02:17
Total/NA	Analysis	7471B		1	1067052	TJS	EET EDI	10/09/25 09:29

Client Sample ID: 4F_0-7
Date Collected: 10/02/25 09:20
Date Received: 10/02/25 16:00

Lab Sample ID: 460-336309-17
Matrix: Solid

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Analysis	Moisture		1	1066571	CJC	EET EDI	10/07/25 16:17

Client Sample ID: 4F_0-7
Date Collected: 10/02/25 09:20
Date Received: 10/02/25 16:00

Lab Sample ID: 460-336309-17
Matrix: Solid
Percent Solids: 92.4

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Prep	3546			1066069	BJB	EET EDI	10/05/25 13:28
Total/NA	Analysis	8270E		1	1066166	DXD	EET EDI	10/06/25 11:57
Total/NA	Prep	3546			1066087	ARA	EET EDI	10/05/25 16:16
Total/NA	Analysis	8081B		1	1066123	FAM	EET EDI	10/06/25 13:18
Total/NA	Prep	3546			1066081	ARA	EET EDI	10/05/25 15:56
Total/NA	Analysis	8082A		1	1066321	JHP	EET EDI	10/07/25 00:06
Total/NA	Prep	1633A Shake			710609	RC3V	ELLE	10/08/25 06:11
Total/NA	Analysis	1633A		1	711345	P7EB	ELLE	10/09/25 13:53
Total/NA	Prep	3050B			1066689	FBT	EET EDI	10/08/25 06:57
Total/NA	Analysis	6020B		1	1066878	CDC	EET EDI	10/08/25 16:22
Total/NA	Prep	7471B			1066935	TJS	EET EDI	10/09/25 02:17
Total/NA	Analysis	7471B		1	1067052	TJS	EET EDI	10/09/25 09:32

Client Sample ID: 4F_7-14
Date Collected: 10/02/25 09:25
Date Received: 10/02/25 16:00

Lab Sample ID: 460-336309-18
Matrix: Solid

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Analysis	Moisture		1	1066571	CJC	EET EDI	10/07/25 16:17

Client Sample ID: 4F_7-14
Date Collected: 10/02/25 09:25
Date Received: 10/02/25 16:00

Lab Sample ID: 460-336309-18
Matrix: Solid
Percent Solids: 92.7

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Prep	3546			1066069	BJB	EET EDI	10/05/25 13:28
Total/NA	Analysis	8270E		1	1066166	DXD	EET EDI	10/06/25 10:30
Total/NA	Prep	3546			1066087	ARA	EET EDI	10/05/25 16:16
Total/NA	Analysis	8081B		1	1066123	FAM	EET EDI	10/06/25 13:30
Total/NA	Prep	3546			1066081	ARA	EET EDI	10/05/25 15:56
Total/NA	Analysis	8082A		1	1066321	JHP	EET EDI	10/07/25 00:22
Total/NA	Prep	1633A Shake			710609	RC3V	ELLE	10/08/25 06:11
Total/NA	Analysis	1633A		1	711345	P7EB	ELLE	10/09/25 14:07
Total/NA	Prep	3050B			1066689	FBT	EET EDI	10/08/25 06:57
Total/NA	Analysis	6020B		1	1066878	CDC	EET EDI	10/08/25 16:25
Total/NA	Prep	7471B			1066935	TJS	EET EDI	10/09/25 02:17
Total/NA	Analysis	7471B		1	1067052	TJS	EET EDI	10/09/25 09:34

Lab Chronicle

Client: Haley & Aldrich, Inc.
Project/Site: Former Port Mobil

Job ID: 460-336309-1

Client Sample ID: 6D1_1-2
Date Collected: 10/02/25 09:30
Date Received: 10/02/25 16:00

Lab Sample ID: 460-336309-19
Matrix: Solid

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Analysis	Moisture		1	1066604	CJC	EET EDI	10/07/25 19:23

Client Sample ID: 6D1_1-2
Date Collected: 10/02/25 09:30
Date Received: 10/02/25 16:00

Lab Sample ID: 460-336309-19
Matrix: Solid
Percent Solids: 94.1

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Prep	5035			1066172	JCZ	EET EDI	10/06/25 07:07
Total/NA	Analysis	8260D		1	1066254	EMM	EET EDI	10/07/25 09:04

Client Sample ID: 6D2_2-3
Date Collected: 10/02/25 09:35
Date Received: 10/02/25 16:00

Lab Sample ID: 460-336309-20
Matrix: Solid

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Analysis	Moisture		1	1066604	CJC	EET EDI	10/07/25 19:23

Client Sample ID: 6D2_2-3
Date Collected: 10/02/25 09:35
Date Received: 10/02/25 16:00

Lab Sample ID: 460-336309-20
Matrix: Solid
Percent Solids: 93.8

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Prep	5035			1066172	JCZ	EET EDI	10/06/25 07:07
Total/NA	Analysis	8260D		1	1066254	EMM	EET EDI	10/07/25 09:27

Client Sample ID: 6D3_4-5
Date Collected: 10/02/25 09:40
Date Received: 10/02/25 16:00

Lab Sample ID: 460-336309-21
Matrix: Solid

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Analysis	Moisture		1	1066604	CJC	EET EDI	10/07/25 19:23

Client Sample ID: 6D3_4-5
Date Collected: 10/02/25 09:40
Date Received: 10/02/25 16:00

Lab Sample ID: 460-336309-21
Matrix: Solid
Percent Solids: 97.5

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Prep	5035			1066172	JCZ	EET EDI	10/06/25 07:07
Total/NA	Analysis	8260D		1	1066254	EMM	EET EDI	10/07/25 09:50

Client Sample ID: 6D1_6-7
Date Collected: 10/02/25 09:45
Date Received: 10/02/25 16:00

Lab Sample ID: 460-336309-22
Matrix: Solid

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Analysis	Moisture		1	1066604	CJC	EET EDI	10/07/25 19:23

Lab Chronicle

Client: Haley & Aldrich, Inc.
Project/Site: Former Port Mobil

Job ID: 460-336309-1

Client Sample ID: 6D1_6-7
Date Collected: 10/02/25 09:45
Date Received: 10/02/25 16:00

Lab Sample ID: 460-336309-22
Matrix: Solid
Percent Solids: 94.1

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Prep	5035			1066172	JCZ	EET EDI	10/06/25 07:07
Total/NA	Analysis	8260D		1	1066254	EMM	EET EDI	10/07/25 10:13

Client Sample ID: 6D2_7-8
Date Collected: 10/02/25 09:50
Date Received: 10/02/25 16:00

Lab Sample ID: 460-336309-23
Matrix: Solid

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Analysis	Moisture		1	1066604	CJC	EET EDI	10/07/25 19:23

Client Sample ID: 6D2_7-8
Date Collected: 10/02/25 09:50
Date Received: 10/02/25 16:00

Lab Sample ID: 460-336309-23
Matrix: Solid
Percent Solids: 95.1

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Prep	5035			1066172	JCZ	EET EDI	10/06/25 07:08
Total/NA	Analysis	8260D		1	1066254	EMM	EET EDI	10/07/25 10:40

Client Sample ID: 6D3_9-10
Date Collected: 10/02/25 09:55
Date Received: 10/02/25 16:00

Lab Sample ID: 460-336309-24
Matrix: Solid

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Analysis	Moisture		1	1066604	CJC	EET EDI	10/07/25 19:23

Client Sample ID: 6D3_9-10
Date Collected: 10/02/25 09:55
Date Received: 10/02/25 16:00

Lab Sample ID: 460-336309-24
Matrix: Solid
Percent Solids: 94.7

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Prep	5035			1066172	JCZ	EET EDI	10/06/25 07:08
Total/NA	Analysis	8260D		1	1066254	EMM	EET EDI	10/07/25 11:25

Client Sample ID: 6D1_10-11
Date Collected: 10/02/25 10:00
Date Received: 10/02/25 16:00

Lab Sample ID: 460-336309-25
Matrix: Solid

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Analysis	Moisture		1	1066604	CJC	EET EDI	10/07/25 19:23

Lab Chronicle

Client: Haley & Aldrich, Inc.
Project/Site: Former Port Mobil

Job ID: 460-336309-1

Client Sample ID: 6D1_10-11
Date Collected: 10/02/25 10:00
Date Received: 10/02/25 16:00

Lab Sample ID: 460-336309-25
Matrix: Solid
Percent Solids: 89.8

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Prep	5035			1066172	JCZ	EET EDI	10/06/25 07:08
Total/NA	Analysis	8260D		1	1066254	EMM	EET EDI	10/07/25 11:57

Client Sample ID: 6E1_1-2
Date Collected: 10/02/25 10:05
Date Received: 10/02/25 16:00

Lab Sample ID: 460-336309-26
Matrix: Solid

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Analysis	Moisture		1	1066604	CJC	EET EDI	10/07/25 19:23

Client Sample ID: 6E1_1-2
Date Collected: 10/02/25 10:05
Date Received: 10/02/25 16:00

Lab Sample ID: 460-336309-26
Matrix: Solid
Percent Solids: 96.6

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Prep	5035			1066172	JCZ	EET EDI	10/06/25 07:09
Total/NA	Analysis	8260D		1	1066254	EMM	EET EDI	10/07/25 12:20

Client Sample ID: 6E2_3-4
Date Collected: 10/02/25 10:10
Date Received: 10/02/25 16:00

Lab Sample ID: 460-336309-27
Matrix: Solid

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Analysis	Moisture		1	1066604	CJC	EET EDI	10/07/25 19:23

Client Sample ID: 6E2_3-4
Date Collected: 10/02/25 10:10
Date Received: 10/02/25 16:00

Lab Sample ID: 460-336309-27
Matrix: Solid
Percent Solids: 98.7

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Prep	5035			1066172	JCZ	EET EDI	10/06/25 07:09
Total/NA	Analysis	8260D		1	1066254	EMM	EET EDI	10/07/25 12:43

Client Sample ID: 6E3_4-5
Date Collected: 10/02/25 10:15
Date Received: 10/02/25 16:00

Lab Sample ID: 460-336309-28
Matrix: Solid

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Analysis	Moisture		1	1066604	CJC	EET EDI	10/07/25 19:23

Lab Chronicle

Client: Haley & Aldrich, Inc.
Project/Site: Former Port Mobil

Job ID: 460-336309-1

Client Sample ID: 6E3_4-5
Date Collected: 10/02/25 10:15
Date Received: 10/02/25 16:00

Lab Sample ID: 460-336309-28
Matrix: Solid
Percent Solids: 96.9

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Prep	5035			1066172	JCZ	EET EDI	10/06/25 07:09
Total/NA	Analysis	8260D		1	1066254	EMM	EET EDI	10/07/25 13:06

Client Sample ID: 6E1_6-7
Date Collected: 10/02/25 10:20
Date Received: 10/02/25 16:00

Lab Sample ID: 460-336309-29
Matrix: Solid

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Analysis	Moisture		1	1066604	CJC	EET EDI	10/07/25 19:23

Client Sample ID: 6E1_6-7
Date Collected: 10/02/25 10:20
Date Received: 10/02/25 16:00

Lab Sample ID: 460-336309-29
Matrix: Solid
Percent Solids: 98.2

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Prep	5035			1066172	JCZ	EET EDI	10/06/25 07:10
Total/NA	Analysis	8260D		1	1066254	EMM	EET EDI	10/07/25 13:29

Client Sample ID: 6E2_7-8
Date Collected: 10/02/25 10:25
Date Received: 10/02/25 16:00

Lab Sample ID: 460-336309-30
Matrix: Solid

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Analysis	Moisture		1	1066604	CJC	EET EDI	10/07/25 19:23

Client Sample ID: 6E2_7-8
Date Collected: 10/02/25 10:25
Date Received: 10/02/25 16:00

Lab Sample ID: 460-336309-30
Matrix: Solid
Percent Solids: 98.1

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Prep	5035			1066172	JCZ	EET EDI	10/06/25 07:10
Total/NA	Analysis	8260D		1	1066734	EMM	EET EDI	10/08/25 15:13

Client Sample ID: 6E3_8-9
Date Collected: 10/02/25 10:30
Date Received: 10/02/25 16:00

Lab Sample ID: 460-336309-31
Matrix: Solid

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Analysis	Moisture		1	1066604	CJC	EET EDI	10/07/25 19:23

Lab Chronicle

Client: Haley & Aldrich, Inc.
Project/Site: Former Port Mobil

Job ID: 460-336309-1

Client Sample ID: 6E3_8-9
Date Collected: 10/02/25 10:30
Date Received: 10/02/25 16:00

Lab Sample ID: 460-336309-31
Matrix: Solid
Percent Solids: 95.8

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Prep	5035			1066172	JCZ	EET EDI	10/06/25 07:10
Total/NA	Analysis	8260D		1	1066254	EMM	EET EDI	10/07/25 14:16

Client Sample ID: 6E3_11-12
Date Collected: 10/02/25 10:35
Date Received: 10/02/25 16:00

Lab Sample ID: 460-336309-32
Matrix: Solid

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Analysis	Moisture		1	1066604	CJC	EET EDI	10/07/25 19:23

Client Sample ID: 6E3_11-12
Date Collected: 10/02/25 10:35
Date Received: 10/02/25 16:00

Lab Sample ID: 460-336309-32
Matrix: Solid
Percent Solids: 95.1

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Prep	5035			1066172	JCZ	EET EDI	10/06/25 07:11
Total/NA	Analysis	8260D		1	1066254	EMM	EET EDI	10/07/25 14:39

Client Sample ID: 6F1_1-2
Date Collected: 10/02/25 10:40
Date Received: 10/02/25 16:00

Lab Sample ID: 460-336309-33
Matrix: Solid

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Analysis	Moisture		1	1066604	CJC	EET EDI	10/07/25 19:23

Client Sample ID: 6F1_1-2
Date Collected: 10/02/25 10:40
Date Received: 10/02/25 16:00

Lab Sample ID: 460-336309-33
Matrix: Solid
Percent Solids: 95.8

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Prep	5035			1066172	JCZ	EET EDI	10/06/25 07:11
Total/NA	Analysis	8260D		1	1066254	EMM	EET EDI	10/07/25 15:02

Client Sample ID: 6F2_3-4
Date Collected: 10/02/25 10:45
Date Received: 10/02/25 16:00

Lab Sample ID: 460-336309-34
Matrix: Solid

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Analysis	Moisture		1	1066604	CJC	EET EDI	10/07/25 19:23

Lab Chronicle

Client: Haley & Aldrich, Inc.
Project/Site: Former Port Mobil

Job ID: 460-336309-1

Client Sample ID: 6F2_3-4
Date Collected: 10/02/25 10:45
Date Received: 10/02/25 16:00

Lab Sample ID: 460-336309-34
Matrix: Solid
Percent Solids: 97.6

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Prep	5035			1066172	JCZ	EET EDI	10/06/25 07:11
Total/NA	Analysis	8260D		1	1066254	EMM	EET EDI	10/07/25 15:25

Client Sample ID: 6F3_4-5
Date Collected: 10/02/25 10:50
Date Received: 10/02/25 16:00

Lab Sample ID: 460-336309-35
Matrix: Solid

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Analysis	Moisture		1	1066604	CJC	EET EDI	10/07/25 19:23

Client Sample ID: 6F3_4-5
Date Collected: 10/02/25 10:50
Date Received: 10/02/25 16:00

Lab Sample ID: 460-336309-35
Matrix: Solid
Percent Solids: 96.7

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Prep	5035			1066172	JCZ	EET EDI	10/06/25 07:12
Total/NA	Analysis	8260D		1	1066309	EMM	EET EDI	10/07/25 01:46

Client Sample ID: 6F1_6-7
Date Collected: 10/02/25 10:55
Date Received: 10/02/25 16:00

Lab Sample ID: 460-336309-36
Matrix: Solid

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Analysis	Moisture		1	1066604	CJC	EET EDI	10/07/25 19:23

Client Sample ID: 6F1_6-7
Date Collected: 10/02/25 10:55
Date Received: 10/02/25 16:00

Lab Sample ID: 460-336309-36
Matrix: Solid
Percent Solids: 97.0

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Prep	5035			1066172	JCZ	EET EDI	10/06/25 07:12
Total/NA	Analysis	8260D		1	1066309	EMM	EET EDI	10/07/25 02:10

Client Sample ID: 6F2_7-8
Date Collected: 10/02/25 11:00
Date Received: 10/02/25 16:00

Lab Sample ID: 460-336309-37
Matrix: Solid

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Analysis	Moisture		1	1066604	CJC	EET EDI	10/07/25 19:23

Lab Chronicle

Client: Haley & Aldrich, Inc.
Project/Site: Former Port Mobil

Job ID: 460-336309-1

Client Sample ID: 6F2_7-8
Date Collected: 10/02/25 11:00
Date Received: 10/02/25 16:00

Lab Sample ID: 460-336309-37
Matrix: Solid
Percent Solids: 98.4

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Prep	5035			1066172	JCZ	EET EDI	10/06/25 07:12
Total/NA	Analysis	8260D		1	1066309	EMM	EET EDI	10/07/25 02:34

Client Sample ID: 6F3_9-10
Date Collected: 10/02/25 11:05
Date Received: 10/02/25 16:00

Lab Sample ID: 460-336309-38
Matrix: Solid

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Analysis	Moisture		1	1066604	CJC	EET EDI	10/07/25 19:23

Client Sample ID: 6F3_9-10
Date Collected: 10/02/25 11:05
Date Received: 10/02/25 16:00

Lab Sample ID: 460-336309-38
Matrix: Solid
Percent Solids: 97.5

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Prep	5035			1066172	JCZ	EET EDI	10/06/25 07:13
Total/NA	Analysis	8260D		1	1066309	EMM	EET EDI	10/07/25 02:58

Client Sample ID: 6F2_10-11
Date Collected: 10/02/25 11:10
Date Received: 10/02/25 16:00

Lab Sample ID: 460-336309-39
Matrix: Solid

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Analysis	Moisture		1	1066604	CJC	EET EDI	10/07/25 19:23

Client Sample ID: 6F2_10-11
Date Collected: 10/02/25 11:10
Date Received: 10/02/25 16:00

Lab Sample ID: 460-336309-39
Matrix: Solid
Percent Solids: 95.2

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Prep	5035			1066172	JCZ	EET EDI	10/06/25 07:13
Total/NA	Analysis	8260D		1	1066309	EMM	EET EDI	10/07/25 03:22

Client Sample ID: 4A1_2-3
Date Collected: 10/02/25 11:15
Date Received: 10/02/25 16:00

Lab Sample ID: 460-336309-40
Matrix: Solid

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Analysis	Moisture		1	1066604	CJC	EET EDI	10/07/25 19:23

Lab Chronicle

Client: Haley & Aldrich, Inc.
Project/Site: Former Port Mobil

Job ID: 460-336309-1

Client Sample ID: 4A1_2-3
Date Collected: 10/02/25 11:15
Date Received: 10/02/25 16:00

Lab Sample ID: 460-336309-40
Matrix: Solid
Percent Solids: 94.5

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Prep	5035			1066172	JCZ	EET EDI	10/06/25 07:13
Total/NA	Analysis	8260D		1	1066309	EMM	EET EDI	10/07/25 03:47

Client Sample ID: 4A2_3-4
Date Collected: 10/02/25 11:20
Date Received: 10/02/25 16:00

Lab Sample ID: 460-336309-41
Matrix: Solid

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Analysis	Moisture		1	1066604	CJC	EET EDI	10/07/25 19:23

Client Sample ID: 4A2_3-4
Date Collected: 10/02/25 11:20
Date Received: 10/02/25 16:00

Lab Sample ID: 460-336309-41
Matrix: Solid
Percent Solids: 95.8

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Prep	5035			1066172	JCZ	EET EDI	10/06/25 07:14
Total/NA	Analysis	8260D		1	1066309	EMM	EET EDI	10/07/25 04:11

Client Sample ID: 4A3_5-6
Date Collected: 10/02/25 11:25
Date Received: 10/02/25 16:00

Lab Sample ID: 460-336309-42
Matrix: Solid

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Analysis	Moisture		1	1066604	CJC	EET EDI	10/07/25 19:23

Client Sample ID: 4A3_5-6
Date Collected: 10/02/25 11:25
Date Received: 10/02/25 16:00

Lab Sample ID: 460-336309-42
Matrix: Solid
Percent Solids: 94.2

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Prep	5035			1066172	JCZ	EET EDI	10/06/25 07:14
Total/NA	Analysis	8260D		1	1066309	EMM	EET EDI	10/07/25 04:35

Client Sample ID: 4A1_7-8
Date Collected: 10/02/25 11:30
Date Received: 10/02/25 16:00

Lab Sample ID: 460-336309-43
Matrix: Solid

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Analysis	Moisture		1	1066604	CJC	EET EDI	10/07/25 19:23

Lab Chronicle

Client: Haley & Aldrich, Inc.
Project/Site: Former Port Mobil

Job ID: 460-336309-1

Client Sample ID: 4A1_7-8
Date Collected: 10/02/25 11:30
Date Received: 10/02/25 16:00

Lab Sample ID: 460-336309-43
Matrix: Solid
Percent Solids: 96.9

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Prep	5035			1066172	JCZ	EET EDI	10/06/25 07:14
Total/NA	Analysis	8260D		1	1066309	EMM	EET EDI	10/07/25 04:59

Client Sample ID: 4A2_9-10
Date Collected: 10/02/25 11:35
Date Received: 10/02/25 16:00

Lab Sample ID: 460-336309-44
Matrix: Solid

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Analysis	Moisture		1	1066604	CJC	EET EDI	10/07/25 19:23

Client Sample ID: 4A2_9-10
Date Collected: 10/02/25 11:35
Date Received: 10/02/25 16:00

Lab Sample ID: 460-336309-44
Matrix: Solid
Percent Solids: 91.2

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Prep	5035			1066178	JCZ	EET EDI	10/06/25 07:24
Total/NA	Analysis	8260D		1	1066309	EMM	EET EDI	10/07/25 05:23

Client Sample ID: 4A3_10-11
Date Collected: 10/02/25 11:40
Date Received: 10/02/25 16:00

Lab Sample ID: 460-336309-45
Matrix: Solid

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Analysis	Moisture		1	1066604	CJC	EET EDI	10/07/25 19:23

Client Sample ID: 4A3_10-11
Date Collected: 10/02/25 11:40
Date Received: 10/02/25 16:00

Lab Sample ID: 460-336309-45
Matrix: Solid
Percent Solids: 89.0

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Prep	5035			1066178	JCZ	EET EDI	10/06/25 07:24
Total/NA	Analysis	8260D		1	1066309	EMM	EET EDI	10/07/25 05:47

Client Sample ID: 4A1_12-13
Date Collected: 10/02/25 11:45
Date Received: 10/02/25 16:00

Lab Sample ID: 460-336309-46
Matrix: Solid

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Analysis	Moisture		1	1066604	CJC	EET EDI	10/07/25 19:23

Lab Chronicle

Client: Haley & Aldrich, Inc.
Project/Site: Former Port Mobil

Job ID: 460-336309-1

Client Sample ID: 4A1_12-13
Date Collected: 10/02/25 11:45
Date Received: 10/02/25 16:00

Lab Sample ID: 460-336309-46
Matrix: Solid
Percent Solids: 91.4

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Prep	5035			1066178	JCZ	EET EDI	10/06/25 07:24
Total/NA	Analysis	8260D		1	1066309	EMM	EET EDI	10/07/25 06:11

Client Sample ID: 4B1_2-3
Date Collected: 10/02/25 11:50
Date Received: 10/02/25 16:00

Lab Sample ID: 460-336309-47
Matrix: Solid

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Analysis	Moisture		1	1066604	CJC	EET EDI	10/07/25 19:23

Client Sample ID: 4B1_2-3
Date Collected: 10/02/25 11:50
Date Received: 10/02/25 16:00

Lab Sample ID: 460-336309-47
Matrix: Solid
Percent Solids: 96.8

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Prep	5035			1066178	JCZ	EET EDI	10/06/25 07:24
Total/NA	Analysis	8260D		1	1066309	EMM	EET EDI	10/07/25 06:36

Client Sample ID: 4B2_3-4
Date Collected: 10/02/25 11:55
Date Received: 10/02/25 16:00

Lab Sample ID: 460-336309-48
Matrix: Solid

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Analysis	Moisture		1	1066604	CJC	EET EDI	10/07/25 19:23

Client Sample ID: 4B2_3-4
Date Collected: 10/02/25 11:55
Date Received: 10/02/25 16:00

Lab Sample ID: 460-336309-48
Matrix: Solid
Percent Solids: 91.0

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Prep	5035			1066178	JCZ	EET EDI	10/06/25 07:25
Total/NA	Analysis	8260D		1	1066309	EMM	EET EDI	10/07/25 07:00

Client Sample ID: 4B3_5-6
Date Collected: 10/02/25 12:00
Date Received: 10/02/25 16:00

Lab Sample ID: 460-336309-49
Matrix: Solid

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Analysis	Moisture		1	1066604	CJC	EET EDI	10/07/25 19:23

Lab Chronicle

Client: Haley & Aldrich, Inc.
Project/Site: Former Port Mobil

Job ID: 460-336309-1

Client Sample ID: 4B3_5-6
Date Collected: 10/02/25 12:00
Date Received: 10/02/25 16:00

Lab Sample ID: 460-336309-49
Matrix: Solid
Percent Solids: 92.5

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Prep	5035			1066178	JCZ	EET EDI	10/06/25 07:25
Total/NA	Analysis	8260D		1	1066309	EMM	EET EDI	10/07/25 07:24

Client Sample ID: 4B1_7-8
Date Collected: 10/02/25 12:05
Date Received: 10/02/25 16:00

Lab Sample ID: 460-336309-50
Matrix: Solid

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Analysis	Moisture		1	1066604	CJC	EET EDI	10/07/25 19:23

Client Sample ID: 4B1_7-8
Date Collected: 10/02/25 12:05
Date Received: 10/02/25 16:00

Lab Sample ID: 460-336309-50
Matrix: Solid
Percent Solids: 94.8

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Prep	5035			1066178	JCZ	EET EDI	10/06/25 07:25
Total/NA	Analysis	8260D		1	1066309	EMM	EET EDI	10/07/25 07:48

Client Sample ID: 4B2_8-9
Date Collected: 10/02/25 12:10
Date Received: 10/02/25 16:00

Lab Sample ID: 460-336309-51
Matrix: Solid

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Analysis	Moisture		1	1066604	CJC	EET EDI	10/07/25 19:23

Client Sample ID: 4B2_8-9
Date Collected: 10/02/25 12:10
Date Received: 10/02/25 16:00

Lab Sample ID: 460-336309-51
Matrix: Solid
Percent Solids: 90.9

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Prep	5035			1066178	JCZ	EET EDI	10/06/25 07:26
Total/NA	Analysis	8260D		1	1066310	EMM	EET EDI	10/07/25 11:01

Client Sample ID: 4B3_10-11
Date Collected: 10/02/25 12:15
Date Received: 10/02/25 16:00

Lab Sample ID: 460-336309-52
Matrix: Solid

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Analysis	Moisture		1	1066604	CJC	EET EDI	10/07/25 19:23

Lab Chronicle

Client: Haley & Aldrich, Inc.
Project/Site: Former Port Mobil

Job ID: 460-336309-1

Client Sample ID: 4B3_10-11
Date Collected: 10/02/25 12:15
Date Received: 10/02/25 16:00

Lab Sample ID: 460-336309-52
Matrix: Solid
Percent Solids: 91.6

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Prep	5035			1066178	JCZ	EET EDI	10/06/25 07:26
Total/NA	Analysis	8260D		1	1066310	EMM	EET EDI	10/07/25 11:25

Client Sample ID: 4B2_11-12
Date Collected: 10/02/25 12:20
Date Received: 10/02/25 16:00

Lab Sample ID: 460-336309-53
Matrix: Solid

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Analysis	Moisture		1	1066604	CJC	EET EDI	10/07/25 19:23

Client Sample ID: 4B2_11-12
Date Collected: 10/02/25 12:20
Date Received: 10/02/25 16:00

Lab Sample ID: 460-336309-53
Matrix: Solid
Percent Solids: 93.4

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Prep	5035			1066177	JCZ	EET EDI	10/06/25 07:19
Total/NA	Analysis	8260D		50	1067457	KLB	EET EDI	10/10/25 19:18

Client Sample ID: 4C1_1-2
Date Collected: 10/02/25 12:25
Date Received: 10/02/25 16:00

Lab Sample ID: 460-336309-54
Matrix: Solid

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Analysis	Moisture		1	1066605	CJC	EET EDI	10/07/25 19:23

Client Sample ID: 4C1_1-2
Date Collected: 10/02/25 12:25
Date Received: 10/02/25 16:00

Lab Sample ID: 460-336309-54
Matrix: Solid
Percent Solids: 91.0

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Prep	5035			1066178	JCZ	EET EDI	10/06/25 07:27
Total/NA	Analysis	8260D		1	1066310	EMM	EET EDI	10/07/25 12:14

Client Sample ID: 4C2_3-4
Date Collected: 10/02/25 12:30
Date Received: 10/02/25 16:00

Lab Sample ID: 460-336309-55
Matrix: Solid

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Analysis	Moisture		1	1066605	CJC	EET EDI	10/07/25 19:23

Lab Chronicle

Client: Haley & Aldrich, Inc.
Project/Site: Former Port Mobil

Job ID: 460-336309-1

Client Sample ID: 4C2_3-4
Date Collected: 10/02/25 12:30
Date Received: 10/02/25 16:00

Lab Sample ID: 460-336309-55
Matrix: Solid
Percent Solids: 91.7

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Prep	5035			1066178	JCZ	EET EDI	10/06/25 07:27
Total/NA	Analysis	8260D		1	1066310	EMM	EET EDI	10/07/25 12:38

Client Sample ID: 4C3_5-6
Date Collected: 10/02/25 12:35
Date Received: 10/02/25 16:00

Lab Sample ID: 460-336309-56
Matrix: Solid

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Analysis	Moisture		1	1066605	CJC	EET EDI	10/07/25 19:23

Client Sample ID: 4C3_5-6
Date Collected: 10/02/25 12:35
Date Received: 10/02/25 16:00

Lab Sample ID: 460-336309-56
Matrix: Solid
Percent Solids: 92.8

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Prep	5035			1066178	JCZ	EET EDI	10/06/25 07:27
Total/NA	Analysis	8260D		1	1066311	EMM	EET EDI	10/08/25 05:06

Client Sample ID: 4C1_6-7
Date Collected: 10/02/25 12:40
Date Received: 10/02/25 16:00

Lab Sample ID: 460-336309-57
Matrix: Solid

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Analysis	Moisture		1	1066605	CJC	EET EDI	10/07/25 19:23

Client Sample ID: 4C1_6-7
Date Collected: 10/02/25 12:40
Date Received: 10/02/25 16:00

Lab Sample ID: 460-336309-57
Matrix: Solid
Percent Solids: 91.5

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Prep	5035			1066178	JCZ	EET EDI	10/06/25 07:28
Total/NA	Analysis	8260D		1	1066311	EMM	EET EDI	10/08/25 05:30

Client Sample ID: 4C2_8-9
Date Collected: 10/02/25 12:45
Date Received: 10/02/25 16:00

Lab Sample ID: 460-336309-58
Matrix: Solid

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Analysis	Moisture		1	1066605	CJC	EET EDI	10/07/25 19:23

Lab Chronicle

Client: Haley & Aldrich, Inc.
Project/Site: Former Port Mobil

Job ID: 460-336309-1

Client Sample ID: 4C2_8-9
Date Collected: 10/02/25 12:45
Date Received: 10/02/25 16:00

Lab Sample ID: 460-336309-58
Matrix: Solid
Percent Solids: 93.5

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Prep	5035			1066178	JCZ	EET EDI	10/06/25 07:28
Total/NA	Analysis	8260D		1	1066310	EMM	EET EDI	10/07/25 13:56

Client Sample ID: 4C3_11-12
Date Collected: 10/02/25 12:50
Date Received: 10/02/25 16:00

Lab Sample ID: 460-336309-59
Matrix: Solid

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Analysis	Moisture		1	1066605	CJC	EET EDI	10/07/25 19:23

Client Sample ID: 4C3_11-12
Date Collected: 10/02/25 12:50
Date Received: 10/02/25 16:00

Lab Sample ID: 460-336309-59
Matrix: Solid
Percent Solids: 91.2

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Prep	5035			1066178	JCZ	EET EDI	10/06/25 07:28
Total/NA	Analysis	8260D		1	1066833	EMM	EET EDI	10/09/25 10:14

Client Sample ID: 4C1_13-14
Date Collected: 10/02/25 12:55
Date Received: 10/02/25 16:00

Lab Sample ID: 460-336309-60
Matrix: Solid

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Analysis	Moisture		1	1066605	CJC	EET EDI	10/07/25 19:23

Client Sample ID: 4C1_13-14
Date Collected: 10/02/25 12:55
Date Received: 10/02/25 16:00

Lab Sample ID: 460-336309-60
Matrix: Solid
Percent Solids: 92.6

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Prep	5035			1066178	JCZ	EET EDI	10/06/25 07:29
Total/NA	Analysis	8260D		1	1066310	EMM	EET EDI	10/07/25 14:44

Client Sample ID: 4D1_1-2
Date Collected: 10/02/25 13:00
Date Received: 10/02/25 16:00

Lab Sample ID: 460-336309-61
Matrix: Solid

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Analysis	Moisture		1	1066605	CJC	EET EDI	10/07/25 19:23

Lab Chronicle

Client: Haley & Aldrich, Inc.
Project/Site: Former Port Mobil

Job ID: 460-336309-1

Client Sample ID: 4D1_1-2
Date Collected: 10/02/25 13:00
Date Received: 10/02/25 16:00

Lab Sample ID: 460-336309-61
Matrix: Solid
Percent Solids: 93.0

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Prep	5035			1066178	JCZ	EET EDI	10/06/25 07:29
Total/NA	Analysis	8260D		1	1066310	EMM	EET EDI	10/07/25 15:08

Client Sample ID: 4D2_2-3
Date Collected: 10/02/25 13:05
Date Received: 10/02/25 16:00

Lab Sample ID: 460-336309-62
Matrix: Solid

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Analysis	Moisture		1	1066605	CJC	EET EDI	10/07/25 19:23

Client Sample ID: 4D2_2-3
Date Collected: 10/02/25 13:05
Date Received: 10/02/25 16:00

Lab Sample ID: 460-336309-62
Matrix: Solid
Percent Solids: 93.3

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Prep	5035			1066178	JCZ	EET EDI	10/06/25 07:29
Total/NA	Analysis	8260D		1	1066310	EMM	EET EDI	10/07/25 15:33

Client Sample ID: 4D3_4-5
Date Collected: 10/02/25 13:10
Date Received: 10/02/25 16:00

Lab Sample ID: 460-336309-63
Matrix: Solid

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Analysis	Moisture		1	1066605	CJC	EET EDI	10/07/25 19:23

Client Sample ID: 4D3_4-5
Date Collected: 10/02/25 13:10
Date Received: 10/02/25 16:00

Lab Sample ID: 460-336309-63
Matrix: Solid
Percent Solids: 90.3

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Prep	5035			1066178	JCZ	EET EDI	10/06/25 07:30
Total/NA	Analysis	8260D		1	1066310	EMM	EET EDI	10/07/25 15:57

Client Sample ID: 4D1_6-7
Date Collected: 10/02/25 13:15
Date Received: 10/02/25 16:00

Lab Sample ID: 460-336309-64
Matrix: Solid

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Analysis	Moisture		1	1066605	CJC	EET EDI	10/07/25 19:23

Lab Chronicle

Client: Haley & Aldrich, Inc.
Project/Site: Former Port Mobil

Job ID: 460-336309-1

Client Sample ID: 4D1_6-7
Date Collected: 10/02/25 13:15
Date Received: 10/02/25 16:00

Lab Sample ID: 460-336309-64
Matrix: Solid
Percent Solids: 92.4

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Prep	5035			1066178	JCZ	EET EDI	10/06/25 07:30
Total/NA	Analysis	8260D		1	1066310	EMM	EET EDI	10/07/25 16:21

Client Sample ID: 4D2_7-8
Date Collected: 10/02/25 13:20
Date Received: 10/02/25 16:00

Lab Sample ID: 460-336309-65
Matrix: Solid

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Analysis	Moisture		1	1066605	CJC	EET EDI	10/07/25 19:23

Client Sample ID: 4D2_7-8
Date Collected: 10/02/25 13:20
Date Received: 10/02/25 16:00

Lab Sample ID: 460-336309-65
Matrix: Solid
Percent Solids: 93.0

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Prep	5035			1066178	JCZ	EET EDI	10/06/25 07:30
Total/NA	Analysis	8260D		1	1066310	EMM	EET EDI	10/07/25 16:45

Client Sample ID: 4D3_9-10
Date Collected: 10/02/25 13:25
Date Received: 10/02/25 16:00

Lab Sample ID: 460-336309-66
Matrix: Solid

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Analysis	Moisture		1	1066605	CJC	EET EDI	10/07/25 19:23

Client Sample ID: 4D3_9-10
Date Collected: 10/02/25 13:25
Date Received: 10/02/25 16:00

Lab Sample ID: 460-336309-66
Matrix: Solid
Percent Solids: 89.3

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Prep	5035			1066178	JCZ	EET EDI	10/06/25 07:31
Total/NA	Analysis	8260D		1	1066310	EMM	EET EDI	10/07/25 17:09

Client Sample ID: 4D1_11-12
Date Collected: 10/02/25 13:30
Date Received: 10/02/25 16:00

Lab Sample ID: 460-336309-67
Matrix: Solid

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Analysis	Moisture		1	1066605	CJC	EET EDI	10/07/25 19:23

Lab Chronicle

Client: Haley & Aldrich, Inc.
Project/Site: Former Port Mobil

Job ID: 460-336309-1

Client Sample ID: 4D1_11-12
Date Collected: 10/02/25 13:30
Date Received: 10/02/25 16:00

Lab Sample ID: 460-336309-67
Matrix: Solid
Percent Solids: 93.0

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Prep	5035			1066178	JCZ	EET EDI	10/06/25 07:31
Total/NA	Analysis	8260D		1	1066310	EMM	EET EDI	10/07/25 17:34

Client Sample ID: 4E1_1-2
Date Collected: 10/02/25 13:35
Date Received: 10/02/25 16:00

Lab Sample ID: 460-336309-68
Matrix: Solid

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Analysis	Moisture		1	1066605	CJC	EET EDI	10/07/25 19:23

Client Sample ID: 4E1_1-2
Date Collected: 10/02/25 13:35
Date Received: 10/02/25 16:00

Lab Sample ID: 460-336309-68
Matrix: Solid
Percent Solids: 95.1

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Prep	5035			1066178	JCZ	EET EDI	10/06/25 07:31
Total/NA	Analysis	8260D		1	1066310	EMM	EET EDI	10/07/25 17:58

Client Sample ID: 4E2_3-4
Date Collected: 10/02/25 13:40
Date Received: 10/02/25 16:00

Lab Sample ID: 460-336309-69
Matrix: Solid

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Analysis	Moisture		1	1066605	CJC	EET EDI	10/07/25 19:23

Client Sample ID: 4E2_3-4
Date Collected: 10/02/25 13:40
Date Received: 10/02/25 16:00

Lab Sample ID: 460-336309-69
Matrix: Solid
Percent Solids: 94.8

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Prep	5035			1066184	JCZ	EET EDI	10/06/25 07:39
Total/NA	Analysis	8260D		1	1066310	EMM	EET EDI	10/07/25 18:22

Client Sample ID: 4E3_4-5
Date Collected: 10/02/25 13:45
Date Received: 10/02/25 16:00

Lab Sample ID: 460-336309-70
Matrix: Solid

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Analysis	Moisture		1	1066605	CJC	EET EDI	10/07/25 19:23

Lab Chronicle

Client: Haley & Aldrich, Inc.
Project/Site: Former Port Mobil

Job ID: 460-336309-1

Client Sample ID: 4E3_4-5
Date Collected: 10/02/25 13:45
Date Received: 10/02/25 16:00

Lab Sample ID: 460-336309-70
Matrix: Solid
Percent Solids: 93.7

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Prep	5035			1066184	JCZ	EET EDI	10/06/25 07:39
Total/NA	Analysis	8260D		1	1066310	EMM	EET EDI	10/07/25 18:46

Client Sample ID: 4E1_5-6
Date Collected: 10/02/25 13:50
Date Received: 10/02/25 16:00

Lab Sample ID: 460-336309-71
Matrix: Solid

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Analysis	Moisture		1	1066605	CJC	EET EDI	10/07/25 19:23

Client Sample ID: 4E1_5-6
Date Collected: 10/02/25 13:50
Date Received: 10/02/25 16:00

Lab Sample ID: 460-336309-71
Matrix: Solid
Percent Solids: 92.2

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Prep	5035			1066184	JCZ	EET EDI	10/06/25 07:39
Total/NA	Analysis	8260D		1	1066538	EMM	EET EDI	10/08/25 16:56

Client Sample ID: 4E2_7-8
Date Collected: 10/02/25 13:55
Date Received: 10/02/25 16:00

Lab Sample ID: 460-336309-72
Matrix: Solid

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Analysis	Moisture		1	1066605	CJC	EET EDI	10/07/25 19:23

Client Sample ID: 4E2_7-8
Date Collected: 10/02/25 13:55
Date Received: 10/02/25 16:00

Lab Sample ID: 460-336309-72
Matrix: Solid
Percent Solids: 91.4

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Prep	5035			1066184	JCZ	EET EDI	10/06/25 07:40
Total/NA	Analysis	8260D		1	1066311	EMM	EET EDI	10/07/25 22:23

Client Sample ID: 4E3_9-10
Date Collected: 10/02/25 14:00
Date Received: 10/02/25 16:00

Lab Sample ID: 460-336309-73
Matrix: Solid

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Analysis	Moisture		1	1066605	CJC	EET EDI	10/07/25 19:23

Lab Chronicle

Client: Haley & Aldrich, Inc.
Project/Site: Former Port Mobil

Job ID: 460-336309-1

Client Sample ID: 4E3_9-10
Date Collected: 10/02/25 14:00
Date Received: 10/02/25 16:00

Lab Sample ID: 460-336309-73
Matrix: Solid
Percent Solids: 93.1

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Prep	5035			1066184	JCZ	EET EDI	10/06/25 07:40
Total/NA	Analysis	8260D		1	1066311	EMM	EET EDI	10/07/25 22:48

Client Sample ID: 4E2_12-13
Date Collected: 10/02/25 14:05
Date Received: 10/02/25 16:00

Lab Sample ID: 460-336309-74
Matrix: Solid

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Analysis	Moisture		1	1066605	CJC	EET EDI	10/07/25 19:23

Client Sample ID: 4E2_12-13
Date Collected: 10/02/25 14:05
Date Received: 10/02/25 16:00

Lab Sample ID: 460-336309-74
Matrix: Solid
Percent Solids: 91.0

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Prep	5035			1066184	JCZ	EET EDI	10/06/25 07:40
Total/NA	Analysis	8260D		1	1066311	EMM	EET EDI	10/07/25 23:12

Client Sample ID: 4F1_1-2
Date Collected: 10/02/25 14:10
Date Received: 10/02/25 16:00

Lab Sample ID: 460-336309-75
Matrix: Solid

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Analysis	Moisture		1	1066605	CJC	EET EDI	10/07/25 19:23

Client Sample ID: 4F1_1-2
Date Collected: 10/02/25 14:10
Date Received: 10/02/25 16:00

Lab Sample ID: 460-336309-75
Matrix: Solid
Percent Solids: 91.0

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Prep	5035			1066184	JCZ	EET EDI	10/06/25 07:41
Total/NA	Analysis	8260D		1	1066311	EMM	EET EDI	10/07/25 23:36

Client Sample ID: 4F2_3-4
Date Collected: 10/02/25 14:15
Date Received: 10/02/25 16:00

Lab Sample ID: 460-336309-76
Matrix: Solid

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Analysis	Moisture		1	1066605	CJC	EET EDI	10/07/25 19:23

Lab Chronicle

Client: Haley & Aldrich, Inc.
Project/Site: Former Port Mobil

Job ID: 460-336309-1

Client Sample ID: 4F2_3-4
Date Collected: 10/02/25 14:15
Date Received: 10/02/25 16:00

Lab Sample ID: 460-336309-76
Matrix: Solid
Percent Solids: 92.7

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Prep	5035			1066184	JCZ	EET EDI	10/06/25 07:41
Total/NA	Analysis	8260D		1	1066311	EMM	EET EDI	10/08/25 00:00

Client Sample ID: 4F3_5-6
Date Collected: 10/02/25 14:20
Date Received: 10/02/25 16:00

Lab Sample ID: 460-336309-77
Matrix: Solid

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Analysis	Moisture		1	1066605	CJC	EET EDI	10/07/25 19:23

Client Sample ID: 4F3_5-6
Date Collected: 10/02/25 14:20
Date Received: 10/02/25 16:00

Lab Sample ID: 460-336309-77
Matrix: Solid
Percent Solids: 95.7

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Prep	5035			1066184	JCZ	EET EDI	10/06/25 07:42
Total/NA	Analysis	8260D		1	1066311	EMM	EET EDI	10/08/25 00:24

Client Sample ID: 4F1_6-7
Date Collected: 10/02/25 14:25
Date Received: 10/02/25 16:00

Lab Sample ID: 460-336309-78
Matrix: Solid

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Analysis	Moisture		1	1066605	CJC	EET EDI	10/07/25 19:23

Client Sample ID: 4F1_6-7
Date Collected: 10/02/25 14:25
Date Received: 10/02/25 16:00

Lab Sample ID: 460-336309-78
Matrix: Solid
Percent Solids: 90.7

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Prep	5035			1066184	JCZ	EET EDI	10/06/25 07:42
Total/NA	Analysis	8260D		1	1066311	EMM	EET EDI	10/08/25 00:48

Client Sample ID: 4F2_8-9
Date Collected: 10/02/25 14:30
Date Received: 10/02/25 16:00

Lab Sample ID: 460-336309-79
Matrix: Solid

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Analysis	Moisture		1	1066605	CJC	EET EDI	10/07/25 19:23

Lab Chronicle

Client: Haley & Aldrich, Inc.
Project/Site: Former Port Mobil

Job ID: 460-336309-1

Client Sample ID: 4F2_8-9
Date Collected: 10/02/25 14:30
Date Received: 10/02/25 16:00

Lab Sample ID: 460-336309-79
Matrix: Solid
Percent Solids: 94.9

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Prep	5035			1066184	JCZ	EET EDI	10/06/25 07:42
Total/NA	Analysis	8260D		1	1066311	EMM	EET EDI	10/08/25 01:12

Client Sample ID: 4F3_10-11
Date Collected: 10/02/25 14:35
Date Received: 10/02/25 16:00

Lab Sample ID: 460-336309-80
Matrix: Solid

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Analysis	Moisture		1	1066605	CJC	EET EDI	10/07/25 19:23

Client Sample ID: 4F3_10-11
Date Collected: 10/02/25 14:35
Date Received: 10/02/25 16:00

Lab Sample ID: 460-336309-80
Matrix: Solid
Percent Solids: 97.2

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Prep	5035			1066184	JCZ	EET EDI	10/06/25 07:43
Total/NA	Analysis	8260D		1	1066311	EMM	EET EDI	10/08/25 01:36

Client Sample ID: 4F1_12-13
Date Collected: 10/02/25 14:40
Date Received: 10/02/25 16:00

Lab Sample ID: 460-336309-81
Matrix: Solid

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Analysis	Moisture		1	1066605	CJC	EET EDI	10/07/25 19:23

Client Sample ID: 4F1_12-13
Date Collected: 10/02/25 14:40
Date Received: 10/02/25 16:00

Lab Sample ID: 460-336309-81
Matrix: Solid
Percent Solids: 91.4

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Prep	5035			1066184	JCZ	EET EDI	10/06/25 07:43
Total/NA	Analysis	8260D		1	1066311	EMM	EET EDI	10/08/25 04:42

Laboratory References:

EET EDI = Eurofins Edison, 777 New Durham Road, Edison, NJ 08817, TEL (732)549-3900

ELLE = Eurofins Lancaster Laboratories Environment Testing, LLC, 2425 New Holland Pike, Lancaster, PA 17601, TEL (717)656-2300

Accreditation/Certification Summary

Client: Haley & Aldrich, Inc.
Project/Site: Former Port Mobil

Job ID: 460-336309-1

Laboratory: Eurofins Edison

Unless otherwise noted, all analytes for this laboratory were covered under each accreditation/certification below.

Authority	Program	Identification Number	Expiration Date
New York	NELAP	11452	04-01-26

The following analytes are included in this report, but the laboratory is not certified by the governing authority. This list may include analytes for which the agency does not offer certification.

Analysis Method	Prep Method	Matrix	Analyte
8270E	3546	Solid	3 & 4 Methylphenol
Moisture		Solid	Percent Moisture
Moisture		Solid	Percent Solids

Laboratory: Eurofins Lancaster Laboratories Environment Testing, LLC

All accreditations/certifications held by this laboratory are listed. Not all accreditations/certifications are applicable to this report.

Authority	Program	Identification Number	Expiration Date
A2LA	Dept. of Defense ELAP	0001.01	11-30-26
A2LA	Dept. of Energy	0001.01	11-30-26
A2LA	ISO/IEC 17025	0001.01	11-30-26
Alabama	State	43200	01-31-26
Alaska	State	PA00009	06-30-26
Alaska (UST)	State	17-027	12-30-26
Arizona	State	AZ0780	03-12-26
Arkansas DEQ	State	88-00660	08-09-26
California	State	2792	01-31-26
Colorado	State	PA00009	06-30-26
Connecticut	State	PH-0746	06-30-27
DE Haz. Subst. Cleanup Act (HSCA)	State	019-006 (PA cert)	01-31-26
Delaware (DW)	State	N/A	01-31-26
Florida	NELAP	E87997	07-01-26
Georgia (DW)	State	C048	01-31-26
Illinois	NELAP	200027	01-31-26
Iowa	State	361	03-01-26
Kansas	NELAP	E-10151	10-31-25
Kentucky (DW)	State	KY90088	12-31-25
Kentucky (UST)	State	0001.01	11-30-26
Kentucky (WW)	State	KY90088	12-31-25
Louisiana (All)	NELAP	02055	06-30-26
Maine	State	2019012	03-12-27
Maryland	State	100	06-30-26
Massachusetts	State	M-PA009	06-30-26
Michigan	State	9930	01-31-26
Minnesota	NELAP	042-999-487	12-31-25
Mississippi	State	023	01-31-26
Missouri	State	450	01-31-28
Montana (DW)	State	0098	01-01-26
Nebraska	State	NE-OS-32-17	01-31-26
New Hampshire	NELAP	2730	01-10-26
New Jersey	NELAP	PA011	06-30-26
New York	NELAP	10670	04-01-26
North Carolina (DW)	State	42705	07-31-26
North Carolina (WW/SW)	State	521	12-31-25
North Dakota	State	R-205	01-31-24 *
Ohio	State	87787	01-31-26

* Accreditation/Certification renewal pending - accreditation/certification considered valid.

Accreditation/Certification Summary

Client: Haley & Aldrich, Inc.
Project/Site: Former Port Mobil

Job ID: 460-336309-1

Laboratory: Eurofins Lancaster Laboratories Environment Testing, LLC (Continued)

All accreditations/certifications held by this laboratory are listed. Not all accreditations/certifications are applicable to this report.

Authority	Program	Identification Number	Expiration Date
Oklahoma	NELAP	9804	12-31-25
Oregon	NELAP	PA200001	09-12-26
Pennsylvania	NELAP	36-00037	01-31-26
Quebec Ministry of Environment and Fight against Climate Change	PALA	507	09-16-29
Rhode Island	State	LAO00338	12-30-25
South Carolina	State	89002	01-31-26
Tennessee	State	02838	01-31-26
Texas	NELAP	T104704194-23-46	08-31-26
USDA	US Federal Programs	525-22-298-19481	10-25-25
Vermont	State	VT - 36037	10-27-25
Virginia	NELAP	460182	06-14-26
Washington	State	C457	04-11-26
West Virginia (DW)	State	9906 C	03-31-26
West Virginia DEP	State	055	07-31-26
Wyoming	State	8TMS-L	01-31-26
Wyoming (UST)	A2LA	0001.01	11-30-26

Method Summary

Client: Haley & Aldrich, Inc.
Project/Site: Former Port Mobil

Job ID: 460-336309-1

Method	Method Description	Protocol	Laboratory
8260D	Volatile Organic Compounds by GC/MS	SW846	EET EDI
8270E	Semivolatile Organic Compounds (GC/MS)	SW846	EET EDI
8081B	Organochlorine Pesticides (GC)	SW846	EET EDI
8082A	Polychlorinated Biphenyls (PCBs) by Gas Chromatography	SW846	EET EDI
1633A	Per- and Polyfluoroalkyl Substances by LC/MS/MS, 1633A	EPA	ELLE
6020B	Metals (ICP/MS)	SW846	EET EDI
7471B	Mercury (CVAA)	SW846	EET EDI
Moisture	Percent Moisture	EPA	EET EDI
1633A Shake	Shake Extraction with SPE	EPA	ELLE
3050B	Preparation, Metals	SW846	EET EDI
3546	Microwave Extraction	SW846	EET EDI
5035	Closed System Purge and Trap	SW846	EET EDI
7471B	Preparation, Mercury	SW846	EET EDI

Protocol References:

EPA = US Environmental Protection Agency

SW846 = "Test Methods For Evaluating Solid Waste, Physical/Chemical Methods", Third Edition, November 1986 And Its Updates.

Laboratory References:

EET EDI = Eurofins Edison, 777 New Durham Road, Edison, NJ 08817, TEL (732)549-3900

ELLE = Eurofins Lancaster Laboratories Environment Testing, LLC, 2425 New Holland Pike, Lancaster, PA 17601, TEL (717)656-2300

Sample Summary

Client: Haley & Aldrich, Inc.
Project/Site: Former Port Mobil

Job ID: 460-336309-1

Lab Sample ID	Client Sample ID	Matrix	Collected	Received	Sample Origin
460-336309-1	6D_0-6	Solid	10/02/25 08:00	10/02/25 16:00	New York
460-336309-2	6D_6-12	Solid	10/02/25 08:05	10/02/25 16:00	New York
460-336309-3	6E_0-6	Solid	10/02/25 08:10	10/02/25 16:00	New York
460-336309-4	6E_6-12	Solid	10/02/25 08:15	10/02/25 16:00	New York
460-336309-5	6F_0-6	Solid	10/02/25 08:20	10/02/25 16:00	New York
460-336309-6	6F_6-12	Solid	10/02/25 08:25	10/02/25 16:00	New York
460-336309-7	4A_0-7	Solid	10/02/25 08:30	10/02/25 16:00	New York
460-336309-8	4A_7-14	Solid	10/02/25 08:35	10/02/25 16:00	New York
460-336309-9	4B_0-7	Solid	10/02/25 08:40	10/02/25 16:00	New York
460-336309-10	4B_7-14	Solid	10/02/25 08:45	10/02/25 16:00	New York
460-336309-11	4C_0-7	Solid	10/02/25 08:50	10/02/25 16:00	New York
460-336309-12	4C_7-14	Solid	10/02/25 08:55	10/02/25 16:00	New York
460-336309-13	4D_0-7	Solid	10/02/25 09:00	10/02/25 16:00	New York
460-336309-14	4D_7-14	Solid	10/02/25 09:05	10/02/25 16:00	New York
460-336309-15	4E_0-7	Solid	10/02/25 09:10	10/02/25 16:00	New York
460-336309-16	4E_7-14	Solid	10/02/25 09:15	10/02/25 16:00	New York
460-336309-17	4F_0-7	Solid	10/02/25 09:20	10/02/25 16:00	New York
460-336309-18	4F_7-14	Solid	10/02/25 09:25	10/02/25 16:00	New York
460-336309-19	6D1_1-2	Solid	10/02/25 09:30	10/02/25 16:00	New York
460-336309-20	6D2_2-3	Solid	10/02/25 09:35	10/02/25 16:00	New York
460-336309-21	6D3_4-5	Solid	10/02/25 09:40	10/02/25 16:00	New York
460-336309-22	6D1_6-7	Solid	10/02/25 09:45	10/02/25 16:00	New York
460-336309-23	6D2_7-8	Solid	10/02/25 09:50	10/02/25 16:00	New York
460-336309-24	6D3_9-10	Solid	10/02/25 09:55	10/02/25 16:00	New York
460-336309-25	6D1_10-11	Solid	10/02/25 10:00	10/02/25 16:00	New York
460-336309-26	6E1_1-2	Solid	10/02/25 10:05	10/02/25 16:00	New York
460-336309-27	6E2_3-4	Solid	10/02/25 10:10	10/02/25 16:00	New York
460-336309-28	6E3_4-5	Solid	10/02/25 10:15	10/02/25 16:00	New York
460-336309-29	6E1_6-7	Solid	10/02/25 10:20	10/02/25 16:00	New York
460-336309-30	6E2_7-8	Solid	10/02/25 10:25	10/02/25 16:00	New York
460-336309-31	6E3_8-9	Solid	10/02/25 10:30	10/02/25 16:00	New York
460-336309-32	6E3_11-12	Solid	10/02/25 10:35	10/02/25 16:00	New York
460-336309-33	6F1_1-2	Solid	10/02/25 10:40	10/02/25 16:00	New York
460-336309-34	6F2_3-4	Solid	10/02/25 10:45	10/02/25 16:00	New York
460-336309-35	6F3_4-5	Solid	10/02/25 10:50	10/02/25 16:00	New York
460-336309-36	6F1_6-7	Solid	10/02/25 10:55	10/02/25 16:00	New York
460-336309-37	6F2_7-8	Solid	10/02/25 11:00	10/02/25 16:00	New York
460-336309-38	6F3_9-10	Solid	10/02/25 11:05	10/02/25 16:00	New York
460-336309-39	6F2_10-11	Solid	10/02/25 11:10	10/02/25 16:00	New York
460-336309-40	4A1_2-3	Solid	10/02/25 11:15	10/02/25 16:00	New York
460-336309-41	4A2_3-4	Solid	10/02/25 11:20	10/02/25 16:00	New York
460-336309-42	4A3_5-6	Solid	10/02/25 11:25	10/02/25 16:00	New York
460-336309-43	4A1_7-8	Solid	10/02/25 11:30	10/02/25 16:00	New York
460-336309-44	4A2_9-10	Solid	10/02/25 11:35	10/02/25 16:00	New York
460-336309-45	4A3_10-11	Solid	10/02/25 11:40	10/02/25 16:00	New York
460-336309-46	4A1_12-13	Solid	10/02/25 11:45	10/02/25 16:00	New York
460-336309-47	4B1_2-3	Solid	10/02/25 11:50	10/02/25 16:00	New York
460-336309-48	4B2_3-4	Solid	10/02/25 11:55	10/02/25 16:00	New York
460-336309-49	4B3_5-6	Solid	10/02/25 12:00	10/02/25 16:00	New York
460-336309-50	4B1_7-8	Solid	10/02/25 12:05	10/02/25 16:00	New York
460-336309-51	4B2_8-9	Solid	10/02/25 12:10	10/02/25 16:00	New York
460-336309-52	4B3_10-11	Solid	10/02/25 12:15	10/02/25 16:00	New York
460-336309-53	4B2_11-12	Solid	10/02/25 12:20	10/02/25 16:00	New York

Sample Summary

Client: Haley & Aldrich, Inc.
Project/Site: Former Port Mobil

Job ID: 460-336309-1

Lab Sample ID	Client Sample ID	Matrix	Collected	Received	Sample Origin
460-336309-54	4C1_1-2	Solid	10/02/25 12:25	10/02/25 16:00	New York
460-336309-55	4C2_3-4	Solid	10/02/25 12:30	10/02/25 16:00	New York
460-336309-56	4C3_5-6	Solid	10/02/25 12:35	10/02/25 16:00	New York
460-336309-57	4C1_6-7	Solid	10/02/25 12:40	10/02/25 16:00	New York
460-336309-58	4C2_8-9	Solid	10/02/25 12:45	10/02/25 16:00	New York
460-336309-59	4C3_11-12	Solid	10/02/25 12:50	10/02/25 16:00	New York
460-336309-60	4C1_13-14	Solid	10/02/25 12:55	10/02/25 16:00	New York
460-336309-61	4D1_1-2	Solid	10/02/25 13:00	10/02/25 16:00	New York
460-336309-62	4D2_2-3	Solid	10/02/25 13:05	10/02/25 16:00	New York
460-336309-63	4D3_4-5	Solid	10/02/25 13:10	10/02/25 16:00	New York
460-336309-64	4D1_6-7	Solid	10/02/25 13:15	10/02/25 16:00	New York
460-336309-65	4D2_7-8	Solid	10/02/25 13:20	10/02/25 16:00	New York
460-336309-66	4D3_9-10	Solid	10/02/25 13:25	10/02/25 16:00	New York
460-336309-67	4D1_11-12	Solid	10/02/25 13:30	10/02/25 16:00	New York
460-336309-68	4E1_1-2	Solid	10/02/25 13:35	10/02/25 16:00	New York
460-336309-69	4E2_3-4	Solid	10/02/25 13:40	10/02/25 16:00	New York
460-336309-70	4E3_4-5	Solid	10/02/25 13:45	10/02/25 16:00	New York
460-336309-71	4E1_5-6	Solid	10/02/25 13:50	10/02/25 16:00	New York
460-336309-72	4E2_7-8	Solid	10/02/25 13:55	10/02/25 16:00	New York
460-336309-73	4E3_9-10	Solid	10/02/25 14:00	10/02/25 16:00	New York
460-336309-74	4E2_12-13	Solid	10/02/25 14:05	10/02/25 16:00	New York
460-336309-75	4F1_1-2	Solid	10/02/25 14:10	10/02/25 16:00	New York
460-336309-76	4F2_3-4	Solid	10/02/25 14:15	10/02/25 16:00	New York
460-336309-77	4F3_5-6	Solid	10/02/25 14:20	10/02/25 16:00	New York
460-336309-78	4F1_6-7	Solid	10/02/25 14:25	10/02/25 16:00	New York
460-336309-79	4F2_8-9	Solid	10/02/25 14:30	10/02/25 16:00	New York
460-336309-80	4F3_10-11	Solid	10/02/25 14:35	10/02/25 16:00	New York
460-336309-81	4F1_12-13	Solid	10/02/25 14:40	10/02/25 16:00	New York

Eurofins Edison
777 New Durham Road
Edison NJ 08817
Phone (732) 549-3900 Phone (732) 549-3679

Chain of Custody Record

eurofins | Environment Testing

Client Information	Sampler: KRD	Lab PM: Flannery Elizabeth J	Carrier Tracking No(s):	COC No: 460-200752-131391 14
Client Contact: Sarah Commisso	Phone:	E-Mail: Elizabeth.Flannery@et.eurofinsus.com	State of Origin:	Page: Page ~~14 of 21~~ 1 / 8
Company: Haley & Aldrich, Inc.	PWSID:	Analysis Requested		Job #: 336309
Address: 213 West 35th Street, 7th Floor	Due Date Requested:			Preservation Codes: N None, F MeOH
City: New York	TAT Requested (days): 5-DAY			
State, Zip: NY 10001	Compliance Project: Δ Yes Δ No			
Phone:	PO #: ~~0200980-001-001-00~~ 0213836-001-002-03			
Email: SCommisso@haleyaldrich.com	WO #: 4101 Arthur Kill Road, Staten Island, NY			
Project Name: 4101 Arthur Kill - Former Port Mobil	Project #: 46042832			
Site:	SSOW#:			

460-336309 Chain of Custody

Sample Identification	Sample Date	Sample Time	Sample Type (C=Comp, G=grab)	Matrix (W=water, S=solid, O=waste/oil, BT=Tissue, A=Air, DW=Drinking Water)	Field Filtered Sample (Yes or No)	Perform MS/MSD (Yes or No)	6020B, 7471B, 8081B, 8082A, 8270E	8260D TCL/Part 375 VOCs	1633 Standard List of 40														Note:
Preservation Code:							N	F	N														
6D-0-6	10/2/25	800	C	Solid			X		X														1
6D-6-12		805		Solid																			2
6E-0-6		810		Solid																			3
6E-6-12		815		Solid																			4
6F-0-6		820		Solid																			5
6F-6-12		825		Solid																			6
4A-0-7		830		Solid																			7
4A-7-14		835		Solid																			8
4B-0-7		840		Solid																			9
4B-7-14		845		Solid																			10
4C-0-7		850		Solid																			11

Possible Hazard Identification
☐ Non-Hazard ☐ Flammable ☐ Skin Irritant ☐ Poison B ☐ Unknown ☐ Radiological

Sample Disposal (A fee may be assessed if samples are retained longer than 1 month)
☐ Return To Client ☐ Disposal By Lab ☐ Archive For _____ Months

Deliverable Requested: I, II, III, IV Other (specify)

Special Instructions/QC Requirements:

Empty Kit Relinquished by:	Date:	Time:	Method of Shipment:
Relinquished by: Kassidy OConnor	Date/Time: 10/2/25	Company: H&A	Received by:
Relinquished by:	Date/Time: 10/2 16:00	Company: ET	Received by:
Relinquished by:	Date/Time:	Company:	Received by:

Relinquished by:	Date/Time:	Company	Received by:	Date/Time:	Company
	10/2 1530	H&A			
	10/2 1600	ET			

Custody Seals Intact: Δ Yes Δ No | Custody Seal No.: N/A

Cooler Temperature(s) °C and Other Remarks: 1) 1.4/1.1 2) 1.5/1.2 #9

Ver: 05/06/2024

Eurofins Edison
777 New Durham Road
Edison, NJ 08817
Phone (732) 549-3900 Phone (732) 549-3679

Chain of Custody Record

eurofins | Environment Testing

Client Information	Sampler: KRO	Lab PM: Flannery Elizabeth J	Carrier Tracking No(s):	COC No: 460-200752-131391 15
Client Contact: Sarah Commisso	Phone:	E-Mail: Elizabeth.Flannery@et.eurofinsus.com	State of Origin:	Page: ~~Page 15 of 21~~ 218
Company: Haley & Aldrich, Inc.	PWSID:			Job #: 336309
Address: 213 West 35th Street, 7th Floor	Due Date Requested:			
City: New York	TAT Requested (days): 5-DAY			
State, Zip: NY 10001	Compliance Project: Δ Yes Δ No			
Phone:	PO #: 0213536-001-002 03 ~~0208908-001-004-06~~			
Email: SCommisso@haleyaldrich.com	WO #: 4101 Arthur Kill Road, Staten Island, NY			
Project Name: 4101 Arthur Kill - Former Port Mobil	Project #: 46042832			
Site:	SSOW#:			

Analysis Requested

Preservation Codes: N None; F MeOH

Sample Identification	Sample Date	Sample Time	Sample Type (C=Comp, G=grab)	Matrix (W=water, S=solid, O=waste/oil, BT=Tissue, A=Air, DW=Drinking Water)	Field Filtered Sample (Yes or No)	Perform MS/MSD (Yes or No)	6020B, 7471B, 8081B, 8082A, 8270E	8260D TCL/Part 375 VOCs	1033 Standard List of 40	Total Number of containers	Special Instructions/Note:
			Preservation Code:				N	F	N		
4C_7-14	10/2/25	855	C	Solid			X		X		12
4D_0-7	"	900	"	Solid			"		"		13
4D_7-14	"	905	"	Solid			"		"		14
4E_0-7	"	910	"	Solid			"		"		15
4E_7-14	"	915	"	Solid			"		"		16
4F_0-7	"	920	"	Solid			"		"		17
4F_7-14	"	925	"	Solid			"		"		18
				Solid							
				Solid							
				Solid							
				Solid							

Possible Hazard Identification
☐ Non-Hazard ☐ Flammable ☐ Skin Irritant ☐ Poison B ☐ Unknown ☐ Radiological

Sample Disposal (A fee may be assessed if samples are retained longer than 1 month)
☐ Return To Client ☐ Disposal By Lab ☐ Archive For _____ Months

Deliverable Requested: I, II, III, IV Other (specify)

Special Instructions/QC Requirements:

Empty Kit Relinquished by:	Date:	Time:	Method of Shipment:				
Relinquished by: Kassidy OConnor	Date/Time: 10/2/25	Company: H&A	Received by:	Date/Time: 10/2 1530	Company: H&A
Relinquished by:	Date/Time: 10/2 16:00	Company: ECT	Received by:	Date/Time: 10/2 1600	Company: ETA
Relinquished by:	Date/Time:	Company	Received by:	Date/Time:	Company

Custody Seals Intact: Δ Yes Δ No | Custody Seal No.: N/A

Cooler Temperature(s) °C and Other Remarks: 1) 1.4 / 1.1 / 1.5 / 1.2 #9

Ver: 05/06/2024

Eurofins Edison
777 New Durham Road
Edison, NJ 08817
Phone (732) 549-3900 Phone (732) 549-3679

Chain of Custody Record

eurofins | Environment Testing

Client Information	Sampler: KRD	Lab PM: Flannery Elizabeth J	Carrier Tracking No(s):	COC No: 460-200752-131391 16
Client Contact: Sarah Commisso	Phone:	E-Mail: Elizabeth.Flannery@et.eurofinsus.com	State of Origin:	Page: Page ~~16 of 21~~ 3 / 8
Company: Haley & Aldrich, Inc.	PWSID:			Job #: 336309
Address: 213 West 35th Street, 7th Floor	Due Date Requested:			
City: New York	TAT Requested (days): 5-DAY			
State, Zip: NY 10001	Compliance Project: Δ Yes Δ No			
Phone:	PO #: 0213836-001-002 Q3 ~~0208983-001-001-05~~			
Email: SCommisso@haleyaldrich.com	WO #: 4101 Arthur Kill Road, Staten Island, NY			
Project Name: 4101 Arthur Kill - Former Port Mobil	Project #: 46042832			
Site:	SSOW#:			

Analysis Requested

Preservation Codes:
N None
F MeOH

Sample Identification	Sample Date	Sample Time	Sample Type (C=comp, G=grab)	Matrix (W=water, S=solid, O=waste/oil, BT=Tissue, A=Air, DW=Drinking Water)	Field Filtered Sample (Yes or No)	Perform MS/MSD (Yes or No)	6020B, 7471B, 8081B, 8082A, 8270E	8260D TCL/Part 375 VOCs	Total Number of containers	Special Instructions/Note:
			Preservation Code:				N	F		
6D1_1-2	10/2/25	930	G	Solid				X		19
6D2_2-3		935		Solid						20
6D3_4-5		940		Solid						21
6D1_6-7		945		Solid						22
6D2_7-8		950		Solid						23
6D3_9-10		955		Solid						24
6D1_10-11		1000		Solid						25
6E1_1-2		1005		Solid						26
6E2_3-4		1010		Solid						27
6E3_4-5		1015		Solid						28
6E1_6-7		1020		Solid						29

Other:

Possible Hazard Identification
☐ Non-Hazard ☐ Flammable ☐ Skin Irritant ☐ Poison B ☐ Unknown ☐ Radiological

Sample Disposal (A fee may be assessed if samples are retained longer than 1 month)
☐ Return To Client ☐ Disposal By Lab ☐ Archive For _____ Months

Deliverable Requested: I, II, III, IV Other (specify)

Special Instructions/QC Requirements:

Empty Kit Relinquished by:	Date:	Time:	Method of Shipment:

	Relinquished by:	Date/Time:	Company	Received by:	Date/Time:	Company
1	Kassidy O'Connor	10/2/25	H&A		10/2 1530	ET
2		10/2 16:00	ET	Ron Mn	10/2 1600	EA
3						

Custody Seals Intact: Δ Yes Δ No
Custody Seal No.: N/A

Cooler Temperature(s) °C and Other Remarks: 1.6 / 1.1 2 / 1.5 / 1.2 #9

Ver: 05/06/2024

Eurofins Edison
777 New Durham Road
Edison NJ 08817
Phone (732) 549-3900 Phone (732) 549-3679

Chain of Custody Record

eurofins | Environment Testing

Client Information	Sampler: KRD	Lab PM: Flannery Elizabeth J	Carrier Tracking No(s):	COC No: 460-200752-131391 17
Client Contact: Sarah Commisso	Phone:	E-Mail: Elizabeth.Flannery@et.eurofinsus.com	State of Origin:	Page: Page ~~17 of 21~~ 4 / 8
Company: Haley & Aldrich, Inc.	PWSID:	Analysis Requested		Job #: 326309
Address: 213 West 35th Street, 7th Floor	Due Date Requested:			Preservation Codes: N None F MeOH
City: New York	TAT Requested (days): 5-DAY			
State, Zip: NY 10001	Compliance Project: Δ Yes Δ No			
Phone:	PO #: 0213836-001-002-03 ~~0208988-001-001-06~~			
Email: SCommisso@haleyaldrich.com	WO #: 4101 Arthur Kill Road, Staten Island, NY			
Project Name: 4101 Arthur Kill Former Port Mobil	Project #: 46042832			
Site:	SSOW#:			Other:

Sample Identification	Sample Date	Sample Time	Sample Type (C=Comp, G=grab)	Matrix (W=water, S=solid, O=waste/oil, BT=Tissue, A=Air, DW=Drinking Water)	Field Filtered Sample (Yes or No)	Perform MS/MSD (Yes or No)	6020B, 7471B, 8081B, 8082A, 8270E	8260D TCL/Part 375 VOCs	Total Number of Containers	Special Instructions/Note:
			Preservation Code:				N	F		
6E2_7-8	10/2/25	1025	G	Solid				X		30
6E3_8-9		1030		Solid						31
6E3_11-12		1035		Solid						32
6F1_1-2		1040		Solid						33
6F2_3-4		1045		Solid						34
6F3_4-5		1050		Solid						35
6F1_6-7		1055		Solid						36
6F2_7-8		1100		Solid						37
6F3_9-10		1105		Solid						38
6F2_10-11		1110		Solid						39
4A1_2-3		1115		Solid						40

Possible Hazard Identification
☐ Non-Hazard ☐ Flammable ☐ Skin Irritant ☐ Poison B ☐ Unknown ☐ Radiological

Sample Disposal (A fee may be assessed if samples are retained longer than 1 month)
☐ Return To Client ☐ Disposal By Lab ☐ Archive For _____ Months

Deliverable Requested: I, II, III IV Other (specify)

Special Instructions/QC Requirements:

Empty Kit Relinquished by:	Date:	Time:	Method of Shipment:				
Relinquished by: Kassidy OConnor	Date/Time: 10/2/25	Company: HGA	Received by:	Date/Time: 10/2 1530	Company: ET
Relinquished by:	Date/Time: 10/2 16:00	Company: ET	Received by: Rose Mu	Date/Time: 10/2 1600	Company: ETA
Relinquished by:	Date/Time:	Company	Received by:	Date/Time:	Company

Custody Seals Intact: Δ Yes Δ No | Custody Seal No.: N/A

Cooler Temperature(s) °C and Other Remarks: 1) 1.4/1.1 2) 1.5/1.2 #9

Ver: 05/06/2024

Eurofins Edison
777 New Durham Road
Edison, NJ 08817
Phone (732) 549-3900 Phone (732) 549-3679

Chain of Custody Record

eurofins | Environment Testing

Client Information	Sampler: KRO	Lab PM: Flannery, Elizabeth J	Carrier Tracking No(s):	COC No: 460-200752-131391 18
Client Contact: Sarah Commisso	Phone:	E-Mail: Elizabeth.Flannery@et.eurofinsus.com	State of Origin:	Page: Page ~~18 of 21~~ 5 18
Company: Haley & Aldrich, Inc.	PWSID:			Job #: 332309
Address: 213 West 35th Street, 7th Floor	Due Date Requested:			
City: New York	TAT Requested (days): 5-DAY			
State, Zip: NY 10001	Compliance Project: Δ Yes Δ No			
Phone:	PO #: 0213836-001-0025 ~~0200968-001-001-06~~			
Email: SCommisso@haleyaldrich.com	WO #: 4101 Arthur Kill Road, Staten Island, NY			
Project Name: 4101 Arthur Kill Former Port Mobil	Project #: 46042832			
Site:	SSOW#:			

Analysis Requested

Preservation Codes: N None; F MeOH; Other

Sample Identification	Sample Date	Sample Time	Sample Type (C=comp, G=grab)	Matrix (W=water, S=solid, O=waste/oil, BT=Tissue, A=Air, DW=Drinking Water)	Field Filtered Sample (Yes or No)	Perform MS/MSD (Yes or No)	6020B, 7471B, 8081B, 8082A, 8270E	8260D TCL/Part 375 VOCs	Total Number of containers	Special Instructions/Note:
			Preservation Code:				N	F		
4A2_3-4	10/2/25	1120	G	Solid				X		1
4A3_5-6		1125		Solid						2
4A1_7-8		1130		Solid						3
4A2_9-10		1135		Solid						4
4A3_10-11		1140		Solid						5
4A1_12-13		1145		Solid						6
4B1_2-3		1150		Solid						7
4B2_3-4		1155		Solid						8
4B3_5-6		1200		Solid						9
4B1_7-8		1205		Solid						10
4B2_8-9		1210		Solid						31

Possible Hazard Identification
☐ Non-Hazard ☐ Flammable ☐ Skin Irritant ☐ Poison B ☐ Unknown ☐ Radiological

Sample Disposal (A fee may be assessed if samples are retained longer than 1 month)
☐ Return To Client ☐ Disposal By Lab ☐ Archive For _____ Months

Deliverable Requested: I, II, III, IV Other (specify)

Special Instructions/QC Requirements:

Empty Kit Relinquished by:	Date:	Time:	Method of Shipment:

	Relinquished by:	Date/Time:	Company	Received by:	Date/Time:	Company
1	Kassidy O'Connor	10/2/25	H&A		10/2 1530	ET
2		10/2 16:00	ET		10/2 1600	ET
3						

Custody Seals Intact: Δ Yes Δ No | Custody Seal No.: N/A

Cooler Temperature(s) °C and Other Remarks: 1) 1.4/1.1 2) 1.5/1.2 #9

Ver: 05/06/2024

Eurofins Edison
777 New Durham Road
Edison, NJ 08817
Phone (732) 549-3900 Phone (732) 549-3679

Chain of Custody Record

eurofins | Environment Testing

Client Information	Sampler: KRD	Lab PM: Flannery Elizabeth J	Carrier Tracking No(s):	COC No: 460-200752-131391 19
Client Contact: Sarah Commisso	Phone:	E-Mail: Elizabeth.Flannery@et.eurofinsus.com	State of Origin:	Page: Page ~~19 of 21~~ 6/8
Company: Haley & Aldrich, Inc.	PWSID:			Job #: 336349
Address: 213 West 35th Street, 7th Floor	Due Date Requested:			
City: New York	TAT Requested (days): 5-DAY			
State, Zip: NY 10001	Compliance Project: Δ Yes Δ No			
Phone:	PO #: 0213534-001-002 03 ~~0208983-001-001-06~~			
Email: SCommisso@haleyaldrich.com	WO #: 4101 Arthur Kill Road, Staten Island, NY			
Project Name: 4101 Arthur Kill Former Port Mobil	Project #: 46042832			
Site:	SSOW#:			

Analysis Requested

Preservation Codes: N None; F MeOH; Other:

Sample Identification	Sample Date	Sample Time	Sample Type (C=comp, G=grab)	Matrix (W=water, S=solid, O=waste/oil, BT=Tissue, A=Air, DW=Drinking Water)	Field Filtered Sample (Yes or No)	Perform MS/MSD (Yes or No)	6020B, 7471B, 8081B, 8082A, 8270E	8260D TCL/Part 375 VOCs	Total Number of containers	Special Instructions/Note:
			Preservation Code:				N	F		
4B3_10-11	10/2/25	1215	G	Solid				X		52
4B2_11-12	"	1220	"	Solid				"		53
4C1_1-2	"	1225	"	Solid				"		54
4C2_3-4	"	1230	"	Solid				"		55
4C3_5-6	"	1235	"	Solid				"		56
4C1_6-7	"	1240	"	Solid				"		57
4C2_8-9	"	1245	"	Solid				"		58
4C3_11-12	"	1250	"	Solid				"		59
4C1_13-14	"	1255	"	Solid				"		60
4D1_1-2	"	1300	"	Solid				"		61
4D2_2-3	"	1305	"	Solid				"		62

Possible Hazard Identification
☐ Non-Hazard ☐ Flammable ☐ Skin Irritant ☐ Poison B ☐ Unknown ☐ Radiological

Sample Disposal (A fee may be assessed if samples are retained longer than 1 month)
☐ Return To Client ☐ Disposal By Lab ☐ Archive For _____ Months

Deliverable Requested: I, II, III, IV Other (specify)

Special Instructions/QC Requirements:

Empty Kit Relinquished by:	Date:	Time:	Method of Shipment:

	Relinquished by	Date/Time	Company	Received by	Date/Time	Company
1	Kassidy Donnor	10/2/25	H&A		10/2 15:30	~~ET~~
2		10/2 16:00	ET	Ron Orr	10/2 1600	ETA
3						

Custody Seals Intact: Δ Yes Δ No | Custody Seal No.: N/A

Cooler Temperature(s) °C and Other Remarks: 1.) 1.4/1.1 2.) 1.5/1.2 #9

Ver 05/06/2024

Eurofins Edison
777 New Durham Road
Edison, NJ 08817
Phone (732) 549-3900 Phone (732) 549-3679

Chain of Custody Record

eurofins | Environment Testing

Client Information	Sampler: KRD	Lab PM: Flannery Elizabeth J	Carrier Tracking No(s):	COC No: 460-200752-131391.20
Client Contact: Sarah Commisso	Phone:	E-Mail: Elizabeth.Flannery@et.eurofinsus.com	State of Origin:	Page: ~~Page 20 of 21~~ 7 18
Company: Haley & Aldrich, Inc.	PWSID:			Job #: 9326309
Address: 213 West 35th Street, 7th Floor	Due Date Requested:			Preservation Codes: N None; F MeOH
City: New York	TAT Requested (days): 5-DAY			
State, Zip: NY 10001	Compliance Project: Δ Yes Δ No			
Phone:	PO #: D213830-001-002 D3 ~~0208988-001-001-08~~			
Email: SCommisso@haleyaldrich.com	WO #: 4101 Arthur Kill Road, Staten Island, NY			
Project Name: 4101 Arthur Kill - Former Port Mobil	Project #: 46042832			Other:
Site:	SSOW#:			

Analysis Requested

Sample Identification	Sample Date	Sample Time	Sample Type (C=comp, G=grab)	Matrix (W=water, S=solid, O=waste/oil, BT=Tissue, A=Air, DW=Drinking Water)	Field Filtered Sample (Yes or No)	Perform MS/MSD (Yes or No)	6020B, 7471B, 8081B, 8082A, 8270E	8260D TCL/Part 375 VOCs	Total Number of containers	Special Instructions/Note:
			Preservation Code:				N	F		
4D3_4-5	10/2/25	1310	G	Solid				X		63
4D1_6-7		1315		Solid						64
4D2_7-8		1320		Solid						65
4D3_9-10		1325		Solid						66
4D1_11-12		1330		Solid						67
4E1_1-2		1335		Solid						68
4E2_3-4		1340		Solid						69
4E3_4-5		1345		Solid						70
4E1_5-6		1350		Solid						71
4E2_7-8		1355		Solid						72
4E3_9-10		1400		Solid						73

Possible Hazard Identification
☐ Non-Hazard ☐ Flammable ☐ Skin Irritant ☐ Poison B ☐ Unknown ☐ Radiological

Sample Disposal (A fee may be assessed if samples are retained longer than 1 month)
☐ Return To Client ☐ Disposal By Lab ☐ Archive For _____ Months

Deliverable Requested: I II, III IV Other (specify)

Special Instructions/QC Requirements:

Empty Kit Relinquished by:	Date:	Time:	Method of Shipment:

	Relinquished by	Date/Time	Company	Received by	Date/Time	Company
1	Kassidy OConnor	10/2/25	H&A		10/2 15:20	FedEx
2		10/2 16:00	ECT	Penelope	10/2 1600	FedEx
3						

Custody Seals Intact: Δ Yes Δ No | Custody Seal No.: N/A

Cooler Temperature(s) °C and Other Remarks: 1/1.4/1.1 2/1.5/1.2 #9

Ver 05/06/2024

Eurofins Edison
777 New Durham Road
Edison, NJ 08817
Phone (732) 549-3900 Phone (732) 549-3679

Chain of Custody Record

eurofins | Environment Testing

Client Information	Sampler: KRD	Lab PM: Flannery Elizabeth J	Carrier Tracking No(s):	COC No: 460-200752-131391.21
Client Contact: Sarah Commisso	Phone:	E-Mail: Elizabeth.Flannery@et.eurofinsus.com	State of Origin:	Page: Page ~~21 of 21~~ 8/8
Company: Haley & Aldrich, Inc.	PWSID:			Job #: 336309
Address: 213 West 35th Street, 7th Floor	Due Date Requested:			
City: New York	TAT Requested (days): 5-DAY			
State, Zip: NY 10001	Compliance Project: Δ Yes Δ No			
Phone:	PO #: 0213336-001-002-03 ~~0208988-001-001-06~~			
Email: SCommisso@haleyaldrich.com	WO #: 4101 Arthur Kill Road, Staten Island, NY			
Project Name: 4101 Arthur Kill Former Port Mobil	Project #: 46042832			
Site:	SSOW#:			

Analysis Requested

Preservation Codes:
N None
F MeOH
Other

Sample Identification	Sample Date	Sample Time	Sample Type (C=Comp, G=grab)	Matrix (W=water, S=solid, O=waste/oil, BT=Tissue, A=Air, DW=Drinking Water)	Field Filtered Sample (Yes or No)	Perform MS/MSD (Yes or No)	6020B, 7471B, 8081B, 8082A, 8270E	8260D TCL/Part 375 VOCs	Total Number of containers	Special Instructions/Note:
			Preservation Code:				N	F		
4E2_12-13	10/2/25	1405	G	Solid				X		74
4F1_1-2		1410		Solid						75
4F2_3-4		1415		Solid						76
4F3_5-6		1420		Solid						77
4F1_6-7		1425		Solid						78
4F2_8-9		1430								79
4F3_10-11		1435								80
4F1_12-13		1440								81

Possible Hazard Identification
☐ Non-Hazard ☐ Flammable ☐ Skin Irritant ☐ Poison B ☐ Unknown ☐ Radiological

Sample Disposal (A fee may be assessed if samples are retained longer than 1 month)
☐ Return To Client ☐ Disposal By Lab ☐ Archive For _____ Months

Deliverable Requested: I, II, III, IV Other (specify)

Special Instructions/QC Requirements:

Empty Kit Relinquished by:		Date:	Time:	Method of Shipment:			
Relinquished by: Kassidy OConnor	Date/Time: 10/2/25	Company: H&A	Received by:	Date/Time: 10/2 1730	Company: ET		
Relinquished by:	Date/Time: 10/2 1600	Company: ET	Received by:	Date/Time: 10/2 1600	Company: ET		
Relinquished by:	Date/Time:	Company	Received by:	Date/Time:	Company		
Custody Seals Intact: Δ Yes Δ No	Custody Seal No: N/A		Cooler Temperature(s) °C and Other Remarks: 1.4/1.1 2/1.5/1.2 #9				

Ver 05/06/2024

Eurofins TestAmerica Edison
Receipt Temperature and pH Log

Job Number: 336309

Number of Coolers: 2 IR Gun # 1

Cooler Temperatures

	RAW	CORRECTED		RAW	CORRECTED		RAW	CORRECTED
Cooler #1:	1.4 °C	1.1 °C	Cooler #4:	°C	°C	Cooler #7:	°C	°C
Cooler #2:	1.5 °C	1.2 °C	Cooler #5:	°C	°C	Cooler #8:	°C	°C
Cooler #3:	°C	°C	Cooler #6:	°C	°C	Cooler #9:	°C	°C

TALS Sample Number	Ammonia (pH<2)	COD (pH<2)	Nitrate Nitrite (pH<2)	Metals* (pH<2)	Hardness (pH<2)	Pest (pH 5-9)	EPH or QAM (pH<2)	Phenols (pH<2)	Sulfide (pH>9)	TKN (pH<2)	TOC (pH<2)	Total Cyanide (pH>12)	Total Phos (pH<2)	Other	Other

If pH adjustments are required record the information below*

Sample No(s). adjusted. _____

Preservative Name/Conc. _____ Volume of Preservative used (ml) _____

Lot # of Preservative(s): _____ Expiration Date. _____

The appropriate Project Manager and Department Manager should be notified about the samples which were pH adjusted.

Samples for Metal analysis which are out of compliance must be acidified at least 24 hours prior to analysis.

Initials. _____ Date 10/2/25

Eurofins Edison
777 New Durham Road
Edison, NJ 08817
Phone: 732-549-3900 Fax: 732-549-3679

Chain of Custody Record

eurofins | Environment Testing

Client Information (Sub Contract Lab)	Sampler: N/A	Lab PM: Flannery, Elizabeth J	Carrier Tracking No(s): N/A	COC No: 460-75553.1
Client Contact: Shipping/Receiving	Phone: N/A	E-Mail: Elizabeth.Flannery@et.eurofinsus.com	State of Origin: New York	Page: Page 1 of 2
Company: Eurofins Lancaster Laboratories Environm		Accreditations Required (See note): NELAP - New York		Job #: 460-336309-1
Address: 2425 New Holland Pike, ,	Due Date Requested: 10/9/2025			Preservation Codes: -
City: Lancaster	TAT Requested (days): N/A			
State, Zip: PA, 17601				
Phone: 717-656-2300(Tel)	PO #: N/A			
Email: N/A	WO #: N/A			
Project Name: 4101 Arthur Kill - Former Port Mobil	Project #: 46042832			
Site: N/A	SSOW#: N/A			Other: N/A

Analysis Requested

Sample Identification - Client ID (Lab ID)	Sample Date	Sample Time	Sample Type (C=Comp, G=grab)	Matrix (W=water, S=solid, O=waste/oil, BT=Tissue, A=Air)	Field Filtered Sample (Yes or No)	Perform MS/MSD (Yes or No)	1633A/1633A_Shake1633 Standard List 40	Total Number of containers	Special Instructions/Note:
			Preservation Code:						
6D_0-6 (460-336309-1)	10/2/25	08:00 Eastern	G	Solid			X	1	
6D_6-12 (460-336309-2)	10/2/25	08:05 Eastern	G	Solid			X	1	
6E_0-6 (460-336309-3)	10/2/25	08:10 Eastern	G	Solid			X	1	
6E_6-12 (460-336309-4)	10/2/25	08:15 Eastern	G	Solid			X	1	
6F_0-6 (460-336309-5)	10/2/25	08:20 Eastern	G	Solid			X	1	
6F_6-12 (460-336309-6)	10/2/25	08:25 Eastern	G	Solid			X	1	
4A_0-7 (460-336309-7)	10/2/25	08:30 Eastern	G	Solid			X	1	
4A_7-14 (460-336309-8)	10/2/25	08:35 Eastern	G	Solid			X	1	
4B_0-7 (460-336309-9)	10/2/25	08:40 Eastern	G	Solid			X	1	

Note: Since laboratory accreditations are subject to change, Eurofins Environment Testing Northeast, LLC places the ownership of method, analyte & accreditation compliance upon our subcontract laboratories. This sample shipment is forwarded under chain-of-custody. If the laboratory does not currently maintain accreditation in the State of Origin listed above for analysis/tests/matrix being analyzed, the samples must be shipped back to the Eurofins Environment Testing Northeast, LLC laboratory or other instructions will be provided. Any changes to accreditation status should be brought to Eurofins Environment Testing Northeast, LLC attention immediately. If all requested accreditations are current to date, return the signed Chain of Custody attesting to said compliance to Eurofins Environment Testing Northeast, LLC.

Possible Hazard Identification	Sample Disposal (A fee may be assessed if samples are retained longer than 1 month)
Unconfirmed	☐ Return To Client ☐ Disposal By Lab ☐ Archive For _____ Months
Deliverable Requested: I, II, III, IV, Other (specify) Primary Deliverable Rank: 1	Special Instructions/QC Requirements:

Empty Kit Relinquished by:	Date:	Time:	Method of Shipment:

	Relinquished by:	Date/Time:	Company	Received by:	Date/Time:	Company
1		10/3/25 1600	ET		10/3/25 1600	ET
2		10/3/25 2015	ET			
3					10-3-25 2015	ET

Custody Seals Intact: Δ Yes Δ No	Custody Seal No.:	Cooler Temperature(s) °C and Other Remarks: R: 4.2 C: 4.3

Ver: 10/10/2024

Eurofins Edison
777 New Durham Road
Edison, NJ 08817
Phone: 732-549-3900 Fax: 732-549-3679

Chain of Custody Record

eurofins | Environment Testing

Client Information (Sub Contract Lab)	Sampler: N/A	Lab PM: Flannery, Elizabeth J	Carrier Tracking No(s): N/A	COC No: 460-75553.2
Client Contact: Shipping/Receiving	Phone: N/A	E-Mail: Elizabeth.Flannery@et.eurofinsus.com	State of Origin: New York	Page: Page 2 of 2
Company: Eurofins Lancaster Laboratories Environm		Accreditations Required (See note): NELAP - New York		Job #: 460-336309-1
Address: 2425 New Holland Pike, ,	Due Date Requested: 10/9/2025			Preservation Codes: -
City: Lancaster	TAT Requested (days): N/A			
State, Zip: PA, 17601				
Phone: 717-656-2300(Tel)	PO #: N/A			
Email: N/A	WO #: N/A			
Project Name: 4101 Arthur Kill - Former Port Mobil	Project #: 46042832			
Site: N/A	SSOW#: N/A			Other: N/A

Sample Identification - Client ID (Lab ID)	Sample Date	Sample Time	Sample Type (C=comp, G=grab)	Matrix (W=water, S=solid, O=waste/oil, BT=Tissue, A=Air)	Field Filtered Sample (Yes or No)	Perform MS/MSD (Yes or No)	1633A/1633A_Shake1633 Standard List 40	Total Number of containers	Special Instructions/Note:
			Preservation Code:						
4B_7-14 (460-336309-10)	10/2/25	08:45 Eastern	G	Solid			X	1	
4C_0-7 (460-336309-11)	10/2/25	08:50 Eastern	G	Solid			X	1	
4C_7-14 (460-336309-12)	10/2/25	08:55 Eastern	G	Solid			X	1	
4D_0-7 (460-336309-13)	10/2/25	09:00 Eastern	G	Solid			X	1	
4D_7-14 (460-336309-14)	10/2/25	09:05 Eastern	G	Solid			X	1	
4E_0-7 (460-336309-15)	10/2/25	09:10 Eastern	G	Solid			X	1	
4E_7-14 (460-336309-16)	10/2/25	09:15 Eastern	G	Solid			X	1	
4F_0-7 (460-336309-17)	10/2/25	09:20 Eastern	G	Solid			X	1	
4F_7-14 (460-336309-18)	10/2/25	09:25 Eastern	G	Solid			X	1	

Note: Since laboratory accreditations are subject to change, Eurofins Environment Testing Northeast, LLC places the ownership of method, analyte & accreditation compliance upon our subcontract laboratories. This sample shipment is forwarded under chain-of-custody. If the laboratory does not currently maintain accreditation in the State of Origin listed above for analysis/tests/matrix being analyzed, the samples must be shipped back to the Eurofins Environment Testing Northeast, LLC laboratory or other instructions will be provided. Any changes to accreditation status should be brought to Eurofins Environment Testing Northeast, LLC attention immediately. If all requested accreditations are current to date, return the signed Chain of Custody attesting to said compliance to Eurofins Environment Testing Northeast, LLC.

Possible Hazard Identification	Sample Disposal (A fee may be assessed if samples are retained longer than 1 month)
Unconfirmed	☐ Return To Client ☐ Disposal By Lab ☐ Archive For _____ Months
Deliverable Requested: I, II, III, IV, Other (specify) Primary Deliverable Rank: 1	Special Instructions/QC Requirements:

Empty Kit Relinquished by:	Date:	Time:	Method of Shipment:

	Relinquished by:	Date/Time:	Company	Received by:	Date/Time:	Company
1		10/3/25 1600	EET ELi		10/3/25 1600	ELi
2		10/3/25 2015	ELi			
3					10-3-25 2015	

Custody Seals Intact: Δ Yes Δ No	Custody Seal No.:	Cooler Temperature(s) °C and Other Remarks: R-4.2 C-4.3

Ver: 10/10/2024

Login Sample Receipt Checklist

Client: Haley & Aldrich, Inc.

Job Number: 460-336309-1

Login Number: 336309
List Number: 1
Creator: Thundathorn, Sukanan 1

List Source: Eurofins Edison

Question	Answer	Comment
Radioactivity wasn't checked or is </= background as measured by a survey meter.	N/A	
The cooler's custody seal, if present, is intact.	True	
Sample custody seals, if present, are intact.	True	
The cooler or samples do not appear to have been compromised or tampered with.	True	
Samples were received on ice.	True	
Cooler Temperature is acceptable.	True	
Cooler Temperature is recorded.	True	
COC is present.	True	
COC is filled out in ink and legible.	True	
COC is filled out with all pertinent information.	True	
Is the Field Sampler's name present on COC?	True	
There are no discrepancies between the containers received and the COC.	True	
Samples are received within Holding Time (excluding tests with immediate HTs)	True	
Sample containers have legible labels.	True	
Containers are not broken or leaking.	True	
Sample collection date/times are provided.	True	
Appropriate sample containers are used.	True	
Sample bottles are completely filled.	True	
Sample Preservation Verified.	True	
There is sufficient vol. for all requested analyses, incl. any requested MS/MSDs	True	
Containers requiring zero headspace have no headspace or bubble is <6mm (1/4").	True	
Multiphasic samples are not present.	True	
Samples do not require splitting or compositing.	True	
Residual Chlorine Checked.	N/A	

Login Sample Receipt Checklist

Client: Haley & Aldrich, Inc.

Job Number: 460-336309-1

Login Number: 336309
List Number: 2
Creator: Bui, Anthony

List Source: Eurofins Lancaster Laboratories Environment Testing, LLC

Question	Answer	Comment
The cooler's custody seal is intact.	N/A	Not present
The cooler or samples do not appear to have been compromised or tampered with.	True	
Samples were received on ice.	True	
Cooler Temperature acceptable,where thermal pres is required(</=6C, not frozen).	True	
Cooler Temperature is recorded.	True	
WV:Container Temp acceptable,where thermal pres is required (</=6C, not frozen).	N/A	
WV: Container Temperature is recorded.	N/A	
COC is present.	True	
COC is filled out in ink and legible.	True	
COC is filled out with all pertinent information.	True	
There are no discrepancies between the containers received and the COC.	True	
Sample containers have legible labels.	True	
Containers are not broken or leaking.	True	
Sample collection date/times are provided.	True	
Appropriate sample containers are used.	True	
Sample bottles are completely filled.	True	
There is sufficient vol. for all requested analyses.	True	
Is the Field Sampler's name present on COC?	False	Received project as a subcontract.
Sample custody seals are intact.	N/A	Not present.
VOA sample vials do not have headspace >6mm in diameter (none, if from WV)?	N/A	

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ANALYTICAL REPORT

PREPARED FOR

Attn: Suzanne Bell
Haley & Aldrich, Inc.
213 West 35th Street, 7th Floor
New York, New York 10001

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JOB DESCRIPTION

Former Port Mobil

JOB NUMBER

460-336467-1

Eurofins Edison
777 New Durham Road
Edison NJ 08817

See page two for job notes and contact information.

my EOL

Eurofins Edison

Job Notes

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The test results in this report relate only to the samples as received by the laboratory and will meet all requirements of the methodology, with any exceptions noted. This report shall not be reproduced except in full, without the express written approval of the laboratory. All questions should be directed to the Eurofins Environment Testing Northeast, LLC Project Manager.

Compliance Statement

I certify that this data package is in compliance with the terms and conditions of the contract, both technically and for completeness, for other than the conditions detailed within the body of this report. Release of the data contained in this sample data package and in the electronic data deliverable has been authorized by the Laboratory Manager or his/her designee, as verified by the following signature.

Authorization

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Authorized for release by
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Qualifiers

GC/MS VOA

Qualifier	Qualifier Description
*	RPD of the LCS and LCSD exceeds the control limits
*	LCS or LCSD is outside acceptance limits.
J	Indicates an estimated value.
U	Analyzed for but not detected.

GC/MS Semi VOA

Qualifier	Qualifier Description
*	MS or MSD is outside acceptance limits.
J	Indicates an estimated value.
U	Analyzed for but not detected.

GC Semi VOA

Qualifier	Qualifier Description
*	MS or MSD is outside acceptance limits.
J	Indicates an estimated value.
U	Analyzed for but not detected.

LCMS

Qualifier	Qualifier Description
*	Isotope Dilution analyte is outside acceptance limits.
J	Indicates an estimated value.
U	Analyzed for but not detected.

Metals

Qualifier	Qualifier Description
*	Duplicate analysis not within control limits.
4	MS, MSD: The analyte present in the original sample is greater than 4 times the matrix spike concentration; therefore, control limits are not applicable.
J	Sample result is greater than the MDL but below the CRDL
N	Spiked sample recovery is not within control limits.
U	Indicates analyzed for but not detected.

General Chemistry

Qualifier	Qualifier Description
*	Duplicate analysis not within control limits.
U	Indicates analyzed for but not detected.

Glossary

Abbreviation	These commonly used abbreviations may or may not be present in this report.
☼	Listed under the "D" column to designate that the result is reported on a dry weight basis
%R	Percent Recovery
CFL	Contains Free Liquid
CFU	Colony Forming Unit
CNF	Contains No Free Liquid
DER	Duplicate Error Ratio (normalized absolute difference)
Dil Fac	Dilution Factor
DL	Detection Limit (DoD/DOE)
DL, RA, RE, IN	Indicates a Dilution, Re-analysis, Re-extraction, or additional Initial metals/anion analysis of the sample
DLC	Decision Level Concentration (Radiochemistry)
EDL	Estimated Detection Limit (Dioxin)
LOD	Limit of Detection (DoD/DOE)
LOQ	Limit of Quantitation (DoD/DOE)
MCL	EPA recommended "Maximum Contaminant Level"
MDA	Minimum Detectable Activity (Radiochemistry)
MDC	Minimum Detectable Concentration (Radiochemistry)
MDL	Method Detection Limit

Glossary (Continued)

Abbreviation	These commonly used abbreviations may or may not be present in this report.
ML	Minimum Level (Dioxin)
MPN	Most Probable Number
MQL	Method Quantitation Limit
NC	Not Calculated
ND	Not Detected at the reporting limit (or MDL or EDL if shown)
NEG	Negative / Absent
POS	Positive / Present
PQL	Practical Quantitation Limit
PRES	Presumptive
QC	Quality Control
RER	Relative Error Ratio (Radiochemistry)
RL	Reporting Limit or Requested Limit (Radiochemistry)
RPD	Relative Percent Difference, a measure of the relative difference between two points
TEF	Toxicity Equivalent Factor (Dioxin)
TEQ	Toxicity Equivalent Quotient (Dioxin)
TNTC	Too Numerous To Count

Job Narrative
460-336467-1

The analytical test results presented in this report meet all requirements of the associated regulatory program listed on the Accreditation/Certification Summary Page, unless otherwise noted. Data qualifiers and/or narrative comments are included to explain any exceptions, if applicable. Regulated compliance samples (e.g. SDWA, NPDES) must comply with associated agency requirements/permits.

- Matrix-specific batch QC (e.g., MS, MSD, SD) may not be reported when insufficient sample volume is available or when site-specific QC samples are not submitted. In such cases, a Laboratory Control Sample Duplicate (LCSD) may be analyzed to provide precision data for the batch.
- For samples analyzed using surrogate and/or isotope dilution analytes, any recoveries falling outside of established acceptance criteria are re-prepared and/or re-analyzed to confirm results, unless the deviation is due to sample dilution or otherwise explained in the case narrative.

Receipt
The samples were received on 10/3/2025 4:15 PM. Unless otherwise noted below, the samples arrived in good condition, and, where required, properly preserved and on ice. The temperatures of the 2 coolers at receipt time were 1.0°C and 1.5°C.

Method 8260D - Volatile Organic Compounds by GC/MS
Samples 2A1_1-2 (460-336467-21), 2A2_3-4 (460-336467-22), 2A3_4-5 (460-336467-23), 2A1_6-7 (460-336467-24), 2A2_8-9 (460-336467-25), 2A3_10-11 (460-336467-26), 2A1_11-12 (460-336467-27), 2B1_1-2 (460-336467-28), 2B2_2-3 (460-336467-29), 2B3_4-5 (460-336467-30), 2B1_6-7 (460-336467-31), 2B2_8-9 (460-336467-32), 2B3_9-10 (460-336467-33), 2B1_10-11 (460-336467-34), 1A1_1-2 (460-336467-35), 1A2_3-4 (460-336467-36), 1A3_4-5 (460-336467-37), 1A1_6-7 (460-336467-38), 1A2_8-9 (460-336467-39), 1A3_10-11 (460-336467-40), 1A1_12-13 (460-336467-41), 1B1_1-2 (460-336467-42), 1B2_3-4 (460-336467-43), 1B3_4-5 (460-336467-44), 1B1_6-7 (460-336467-45), 1B2_8-9 (460-336467-46), 1B3_9-10 (460-336467-47), 1B1_10-11 (460-336467-48), 1C1_2-3 (460-336467-49), 1C2_3-4 (460-336467-50), 1C3_5-6 (460-336467-51), 1C1_6-7 (460-336467-52), 1C2_8-9 (460-336467-53), 1C3_10-11 (460-336467-54), 1C1_11-12 (460-336467-55), 1D1_1-2 (460-336467-56), 1D2_2-3 (460-336467-57), 1D3_4-5 (460-336467-58), 1D1_6-7 (460-336467-59), 1D2_7-8 (460-336467-60), 1D3_9-10 (460-336467-61), 1D1_13-14 (460-336467-62), 1E1_1-2 (460-336467-63), 1E2_3-4 (460-336467-64), 1E3_4-5 (460-336467-65), 1E1_6-7 (460-336467-66), 1E2_8-9 (460-336467-67), 1E3_10-11 (460-336467-68), 1E2_13-14 (460-336467-69), 1F1_2-3 (460-336467-70), 1F2_4-5 (460-336467-71), 1F3_5-6 (460-336467-72), 1F1_7-8 (460-336467-73), 1F2_8-9 (460-336467-74), 1F3_10-11 (460-336467-75), 1F1_12-13 (460-336467-76), 1G1_1-2 (460-336467-77), 1G2_2-3 (460-336467-78), 1G3_4-5 (460-336467-79), 1G1_5-6 (460-336467-80), 1G2_8-9 (460-336467-81), 1G3_9-10 (460-336467-82), 1G2_12-13 (460-336467-83), 1H1_1-2 (460-336467-84), 1H2_3-4 (460-336467-85), 1H3_4-5 (460-336467-86), 1H1_6-7 (460-336467-87), 1H2_8-9 (460-336467-88), 1H3_9-10 (460-336467-89) and 1H1_11-12 (460-336467-90) were analyzed for Volatile Organic Compounds by GC/MS. The samples were prepared on 10/6/2025 and analyzed on 10/8/2025, 10/9/2025 and 10/10/2025.

The continuing calibration verification (CCV) analyzed in batch 460-1066734 was outside the method criteria for the following analyte: n-Butylbenzene. A CCV standard at or below the reporting limit (RL) was analyzed with the affected samples and found to be acceptable. As indicated in the reference method, sample analysis may proceed; however, any detection for the affected analyte is considered estimated.

The RPD of the laboratory control sample (LCS) and laboratory control sample duplicate (LCSD) for analytical batch 460-1066734 recovered outside control limits for the following analyte: Bromomethane.

The laboratory control sample (LCS) for analytical batch 460-1066538 recovered outside control limits for the following analyte: Dichlorodifluoromethane. These analytes were biased high in the LCS and were not detected in the associated sample; therefore, the data have been reported.

The continuing calibration verification (CCV) associated with batch 460-1066538 recovered above the upper control limit for Dichlorodifluoromethane. The samples associated with this CCV were non-detects for the affected analyte; therefore, the data have been reported.

The RPD of the laboratory control sample (LCS) and laboratory control sample duplicate (LCSD) for analytical batch 460-1066538 recovered outside control limits for the following analyte: Chloroethane.

The continuing calibration verification (CCV) associated with batch 460-1066311 recovered above the upper control limit for

Dichlorodifluoromethane. The samples associated with this CCV were non-detects for the affected analyte; therefore, the data have been reported.

The laboratory control sample (LCS) and / or laboratory control sample duplicate (LCSD) for analytical batch 460-1066311 recovered outside control limits for the following analyte: Bromomethane. This analyte was biased high in the LCS/LCSD and was not detected in the associated samples; therefore, the data have been reported.

The laboratory control sample (LCS) for analytical batch 460-1066542 recovered outside control limits for the following analyte: Dichlorodifluoromethane. This analyte was biased high in the LCS and was not detected in the associated samples; therefore, the data have been reported.

The RPD of the laboratory control sample (LCS) and laboratory control sample duplicate (LCSD) for analytical batch 460-1067096 recovered outside control limits for the following analytes: Bromomethane and Chloroethane.

Method 8270E - Semivolatile Organic Compounds (GC/MS)
Samples 2A_0-6 (460-336467-1), 2A_6-12 (460-336467-2), 2B_0-6 (460-336467-3), 2B_6-12 (460-336467-4), 1A_0-7 (460-336467-5), 1A_7-14 (460-336467-6), 1B_0-7 (460-336467-7), 1B_7-14 (460-336467-8), 1C_0-7 (460-336467-9), 1C_7-14 (460-336467-10), 1D_0-7 (460-336467-11), 1D_7-14 (460-336467-12), 1E_0-7 (460-336467-13), 1E_7-14 (460-336467-14), 1F_0-7 (460-336467-15), 1F_7-14 (460-336467-16), 1G_0-7 (460-336467-17), 1G_7-14 (460-336467-18), 1H_0-7 (460-336467-19) and 1H_7-14 (460-336467-20) were analyzed for Semivolatile Organic Compounds (GC/MS). The samples were prepared on 10/6/2025 and analyzed on 10/7/2025.

The continuing calibration verification (CCV) analyzed in batch 460-1066501 was outside the method criteria for the following analyte(s): Benzaldehyde. A CCV standard at or below the reporting limit (RL) was analyzed with the affected samples and found to be acceptable. As indicated in the reference method, sample analysis may proceed; however, any detection for the affected analyte(s) is considered estimated.

Method 8082A - Polychlorinated Biphenyls (PCBs) by Gas Chromatography
Samples 2A_0-6 (460-336467-1), 2A_6-12 (460-336467-2), 2B_0-6 (460-336467-3), 2B_6-12 (460-336467-4), 1A_0-7 (460-336467-5), 1A_7-14 (460-336467-6), 1B_0-7 (460-336467-7), 1B_7-14 (460-336467-8), 1C_0-7 (460-336467-9), 1C_7-14 (460-336467-10), 1D_0-7 (460-336467-11), 1D_7-14 (460-336467-12), 1E_0-7 (460-336467-13), 1E_7-14 (460-336467-14), 1F_0-7 (460-336467-15), 1F_7-14 (460-336467-16), 1G_0-7 (460-336467-17), 1G_7-14 (460-336467-18), 1H_0-7 (460-336467-19) and 1H_7-14 (460-336467-20) were analyzed for Polychlorinated Biphenyls (PCBs) by Gas Chromatography. The samples were prepared on 10/6/2025 and analyzed on 10/7/2025 and 10/8/2025.

Method 8081B - Organochlorine Pesticides (GC)
Samples 2A_0-6 (460-336467-1), 2A_6-12 (460-336467-2), 2B_0-6 (460-336467-3), 2B_6-12 (460-336467-4), 1A_0-7 (460-336467-5), 1A_7-14 (460-336467-6), 1B_0-7 (460-336467-7), 1B_7-14 (460-336467-8), 1C_0-7 (460-336467-9), 1C_7-14 (460-336467-10), 1D_0-7 (460-336467-11), 1D_7-14 (460-336467-12), 1E_0-7 (460-336467-13), 1E_7-14 (460-336467-14), 1F_0-7 (460-336467-15), 1F_7-14 (460-336467-16), 1G_0-7 (460-336467-17), 1G_7-14 (460-336467-18), 1H_0-7 (460-336467-19) and 1H_7-14 (460-336467-20) were analyzed for Organochlorine Pesticides (GC). The samples were prepared on 10/6/2025 and analyzed on 10/7/2025.

Method 1633A - Per- and Polyfluoroalkyl Substances by LC/MS/MS, 1633A
Samples 2A_0-6 (460-336467-1), 2A_6-12 (460-336467-2), 2B_0-6 (460-336467-3), 2B_6-12 (460-336467-4), 1A_0-7 (460-336467-5), 1A_7-14 (460-336467-6), 1B_0-7 (460-336467-7), 1B_7-14 (460-336467-8), 1C_0-7 (460-336467-9), 1C_7-14 (460-336467-10), 1D_0-7 (460-336467-11), 1D_7-14 (460-336467-12), 1E_0-7 (460-336467-13), 1E_7-14 (460-336467-14), 1F_0-7 (460-336467-15), 1F_7-14 (460-336467-16), 1G_0-7 (460-336467-17), 1G_7-14 (460-336467-18), 1H_0-7 (460-336467-19) and 1H_7-14 (460-336467-20) were analyzed for Per- and Polyfluoroalkyl Substances by LC/MS/MS, 1633A. The samples were prepared on 10/8/2025 and analyzed on 10/9/2025.

The recovery for labeled isotope: d5-NEtFOSAA is outside the QC acceptance limits in the opening and closing continuing calibration verification standard, biased high. Since the recovery for the labeled isotope is within QC limits in the following samples: 2A_0-6 (460-336467-1), 2A_6-12 (460-336467-2), 2B_0-6 (460-336467-3), 2B_6-12 (460-336467-4), 1A_0-7 (460-336467-5), 1A_7-14 (460-336467-6), 1B_0-7 (460-336467-7), 1B_7-14 (460-336467-8), 1C_0-7 (460-336467-9), 1C_7-14 (460-336467-10), 1D_0-7 (460-336467-11), 1D_7-14 (460-336467-12), 1E_0-7 (460-336467-13) and 1E_7-14 (460-336467-14), the data is reported.

The labeled isotopes 13C4 PFBA, 13C8 PFOA and 13C7 PFUnA are outside QC acceptance limits. Since the recovery in sample 1D_0-7 (460-336467-11) is less than 200%, the data is reported.

The labeled isotopes 13C4 PFBA, 13C4 PFHpA and 13C3 HFPO-DA are outside QC acceptance limits. Since the recovery in

sample 1E_0-7 (460-336467-13) is less than 200%, the data is reported.

Analyte Perfluorobutanesulfonic acid (PFBS) was marked as non-detect for sample 1D_0-7 (460-336467-11) due to a detection below RL and failing ion ratio.

Analyte Perfluorononanoic acid (PFNA) was marked as non-detect for sample 1B_0-7 (460-336467-7) due to a detection below RL and failing ion ratio.

Method 6020B - Metals (ICP/MS)
Samples 2A_0-6 (460-336467-1), 2A_6-12 (460-336467-2), 2B_0-6 (460-336467-3), 2B_6-12 (460-336467-4), 1A_0-7 (460-336467-5), 1A_7-14 (460-336467-6), 1B_0-7 (460-336467-7), 1B_7-14 (460-336467-8), 1C_0-7 (460-336467-9), 1C_7-14 (460-336467-10), 1D_0-7 (460-336467-11), 1D_7-14 (460-336467-12), 1E_0-7 (460-336467-13), 1E_7-14 (460-336467-14), 1F_0-7 (460-336467-15), 1F_7-14 (460-336467-16), 1G_0-7 (460-336467-17), 1G_7-14 (460-336467-18), 1H_0-7 (460-336467-19) and 1H_7-14 (460-336467-20) were analyzed for Metals (ICP/MS). The samples were prepared and analyzed on 10/9/2025.

Method 7471B - Mercury (CVAA)
Samples 2A_0-6 (460-336467-1), 2A_6-12 (460-336467-2), 2B_0-6 (460-336467-3), 2B_6-12 (460-336467-4), 1A_0-7 (460-336467-5), 1A_7-14 (460-336467-6), 1B_0-7 (460-336467-7), 1B_7-14 (460-336467-8), 1C_0-7 (460-336467-9), 1C_7-14 (460-336467-10), 1D_0-7 (460-336467-11), 1D_7-14 (460-336467-12), 1E_0-7 (460-336467-13), 1E_7-14 (460-336467-14), 1F_0-7 (460-336467-15), 1F_7-14 (460-336467-16), 1G_0-7 (460-336467-17), 1G_7-14 (460-336467-18), 1H_0-7 (460-336467-19) and 1H_7-14 (460-336467-20) were analyzed for Mercury (CVAA). The samples were prepared and analyzed on 10/13/2025.

Method Moisture - Percent Moisture
Samples 2A_0-6 (460-336467-1), 2A_6-12 (460-336467-2), 2B_0-6 (460-336467-3), 2B_6-12 (460-336467-4), 1A_0-7 (460-336467-5), 1A_7-14 (460-336467-6), 1B_0-7 (460-336467-7), 1B_7-14 (460-336467-8), 1C_0-7 (460-336467-9), 1C_7-14 (460-336467-10), 1D_0-7 (460-336467-11), 1D_7-14 (460-336467-12), 1E_0-7 (460-336467-13), 1E_7-14 (460-336467-14), 1F_0-7 (460-336467-15), 1F_7-14 (460-336467-16), 1G_0-7 (460-336467-17), 1G_7-14 (460-336467-18), 1H_0-7 (460-336467-19), 1H_7-14 (460-336467-20), 2A1_1-2 (460-336467-21), 2A2_3-4 (460-336467-22), 2A3_4-5 (460-336467-23), 2A1_6-7 (460-336467-24), 2A2_8-9 (460-336467-25), 2A3_10-11 (460-336467-26), 2A1_11-12 (460-336467-27), 2B1_1-2 (460-336467-28), 2B2_2-3 (460-336467-29), 2B3_4-5 (460-336467-30), 2B1_6-7 (460-336467-31), 2B2_8-9 (460-336467-32), 2B3_9-10 (460-336467-33), 2B1_10-11 (460-336467-34), 1A1_1-2 (460-336467-35), 1A2_3-4 (460-336467-36), 1A3_4-5 (460-336467-37), 1A1_6-7 (460-336467-38), 1A2_8-9 (460-336467-39), 1A3_10-11 (460-336467-40), 1A1_12-13 (460-336467-41), 1B1_1-2 (460-336467-42), 1B2_3-4 (460-336467-43), 1B3_4-5 (460-336467-44), 1B1_6-7 (460-336467-45), 1B2_8-9 (460-336467-46), 1B3_9-10 (460-336467-47), 1B1_10-11 (460-336467-48), 1C1_2-3 (460-336467-49), 1C2_3-4 (460-336467-50), 1C3_5-6 (460-336467-51), 1C1_6-7 (460-336467-52), 1C2_8-9 (460-336467-53), 1C3_10-11 (460-336467-54), 1C1_11-12 (460-336467-55), 1D1_1-2 (460-336467-56), 1D2_2-3 (460-336467-57), 1D3_4-5 (460-336467-58), 1D1_6-7 (460-336467-59), 1D2_7-8 (460-336467-60), 1D3_9-10 (460-336467-61), 1D1_13-14 (460-336467-62), 1E1_1-2 (460-336467-63), 1E2_3-4 (460-336467-64), 1E3_4-5 (460-336467-65), 1E1_6-7 (460-336467-66), 1E2_8-9 (460-336467-67), 1E3_10-11 (460-336467-68), 1E2_13-14 (460-336467-69), 1F1_2-3 (460-336467-70), 1F2_4-5 (460-336467-71), 1F3_5-6 (460-336467-72), 1F1_7-8 (460-336467-73), 1F2_8-9 (460-336467-74), 1F3_10-11 (460-336467-75), 1F1_12-13 (460-336467-76), 1G1_1-2 (460-336467-77), 1G2_2-3 (460-336467-78), 1G3_4-5 (460-336467-79), 1G1_5-6 (460-336467-80), 1G2_8-9 (460-336467-81), 1G3_9-10 (460-336467-82), 1G2_12-13 (460-336467-83), 1H1_1-2 (460-336467-84), 1H2_3-4 (460-336467-85), 1H3_4-5 (460-336467-86), 1H1_6-7 (460-336467-87), 1H2_8-9 (460-336467-88), 1H3_9-10 (460-336467-89) and 1H1_11-12 (460-336467-90) were analyzed for Percent Moisture. The samples were analyzed on 10/7/2025 and 10/9/2025.

Detection Summary

Client: Haley & Aldrich, Inc.
Project/Site: Former Port Mobil

Job ID: 460-336467-1

Client Sample ID: 2A_0-6 — Lab Sample ID: 460-336467-1

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Perfluorooctanoic acid (PFOA)	0.063	J	0.19	0.057	ug/Kg	1	☼	1633A	Total/NA
Perfluorononanoic acid (PFNA)	0.19		0.19	0.095	ug/Kg	1	☼	1633A	Total/NA
Perfluoroundecanoic acid (PFUnA)	0.28		0.19	0.095	ug/Kg	1	☼	1633A	Total/NA
Perfluorotridecanoic acid (PFTrDA)	0.59		0.19	0.095	ug/Kg	1	☼	1633A	Total/NA
Aluminum	4480		18.6	5.1	mg/Kg	1	☼	6020B	Total/NA
Antimony	0.83	J	0.93	0.14	mg/Kg	1	☼	6020B	Total/NA
Arsenic	8.0		0.93	0.096	mg/Kg	1	☼	6020B	Total/NA
Barium	32.7		1.9	0.13	mg/Kg	1	☼	6020B	Total/NA
Beryllium	0.39		0.37	0.020	mg/Kg	1	☼	6020B	Total/NA
Cadmium	0.24	J	0.93	0.10	mg/Kg	1	☼	6020B	Total/NA
Calcium	2290		92.8	9.0	mg/Kg	1	☼	6020B	Total/NA
Chromium	10.6		1.9	0.28	mg/Kg	1	☼	6020B	Total/NA
Cobalt	4.5		0.93	0.14	mg/Kg	1	☼	6020B	Total/NA
Copper	38.2		1.9	0.34	mg/Kg	1	☼	6020B	Total/NA
Iron	13600		55.7	7.1	mg/Kg	1	☼	6020B	Total/NA
Lead	39.7		0.56	0.19	mg/Kg	1	☼	6020B	Total/NA
Magnesium	2340		92.8	9.5	mg/Kg	1	☼	6020B	Total/NA
Manganese	187		3.7	0.37	mg/Kg	1	☼	6020B	Total/NA
Nickel	8.9		1.9	0.16	mg/Kg	1	☼	6020B	Total/NA
Potassium	607		92.8	15.0	mg/Kg	1	☼	6020B	Total/NA
Selenium	0.21	J	1.2	0.12	mg/Kg	1	☼	6020B	Total/NA
Silver	0.22	J	0.37	0.083	mg/Kg	1	☼	6020B	Total/NA
Sodium	52.5	J	92.8	42.4	mg/Kg	1	☼	6020B	Total/NA
Thallium	0.059	J	0.37	0.038	mg/Kg	1	☼	6020B	Total/NA
Vanadium	18.6		1.9	0.19	mg/Kg	1	☼	6020B	Total/NA
Zinc	49.5		7.4	1.0	mg/Kg	1	☼	6020B	Total/NA
Mercury	0.036		0.017	0.0080	mg/Kg	1	☼	7471B	Total/NA

Client Sample ID: 2A_6-12 — Lab Sample ID: 460-336467-2

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Perfluorooctanoic acid (PFOA)	0.067	J	0.19	0.057	ug/Kg	1	☼	1633A	Total/NA
Perfluorononanoic acid (PFNA)	0.15	J	0.19	0.095	ug/Kg	1	☼	1633A	Total/NA
Perfluorodecanoic acid (PFDA)	0.10	J	0.19	0.057	ug/Kg	1	☼	1633A	Total/NA
Perfluoroundecanoic acid (PFUnA)	1.21		0.19	0.095	ug/Kg	1	☼	1633A	Total/NA
Perfluorotridecanoic acid (PFTrDA)	1.19		0.19	0.095	ug/Kg	1	☼	1633A	Total/NA
Aluminum	4030		19.1	5.3	mg/Kg	1	☼	6020B	Total/NA
Antimony	0.78	J	0.96	0.14	mg/Kg	1	☼	6020B	Total/NA
Arsenic	7.0		0.96	0.099	mg/Kg	1	☼	6020B	Total/NA
Barium	28.5		1.9	0.14	mg/Kg	1	☼	6020B	Total/NA
Beryllium	0.57		0.38	0.021	mg/Kg	1	☼	6020B	Total/NA
Cadmium	0.33	J	0.96	0.11	mg/Kg	1	☼	6020B	Total/NA
Calcium	8600		95.7	9.3	mg/Kg	1	☼	6020B	Total/NA
Chromium	10.6		1.9	0.28	mg/Kg	1	☼	6020B	Total/NA
Cobalt	4.8		0.96	0.14	mg/Kg	1	☼	6020B	Total/NA
Copper	52.9		1.9	0.35	mg/Kg	1	☼	6020B	Total/NA
Iron	13700		57.4	7.3	mg/Kg	1	☼	6020B	Total/NA
Lead	62.6		0.57	0.19	mg/Kg	1	☼	6020B	Total/NA
Magnesium	5800		95.7	9.8	mg/Kg	1	☼	6020B	Total/NA
Manganese	184		3.8	0.39	mg/Kg	1	☼	6020B	Total/NA
Nickel	17.2		1.9	0.17	mg/Kg	1	☼	6020B	Total/NA

This Detection Summary does not include radiochemical test results.

Client Sample ID: 2A_6-12 (Continued)

Lab Sample ID: 460-336467-2

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Potassium	562		95.7	15.5	mg/Kg	1	☼	6020B	Total/NA
Selenium	0.28	J	1.2	0.12	mg/Kg	1	☼	6020B	Total/NA
Silver	0.31	J	0.38	0.085	mg/Kg	1	☼	6020B	Total/NA
Sodium	58.9	J	95.7	43.7	mg/Kg	1	☼	6020B	Total/NA
Thallium	0.059	J	0.38	0.039	mg/Kg	1	☼	6020B	Total/NA
Vanadium	19.0		1.9	0.20	mg/Kg	1	☼	6020B	Total/NA
Zinc	93.9		7.7	1.0	mg/Kg	1	☼	6020B	Total/NA
Mercury	0.042		0.018	0.0083	mg/Kg	1	☼	7471B	Total/NA

Client Sample ID: 2B_0-6

Lab Sample ID: 460-336467-3

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Perfluoroundecanoic acid (PFUnA)	0.30		0.19	0.096	ug/Kg	1	☼	1633A	Total/NA
Perfluorotridecanoic acid (PFTrDA)	0.85		0.19	0.096	ug/Kg	1	☼	1633A	Total/NA
Aluminum	6920		19.4	5.3	mg/Kg	1	☼	6020B	Total/NA
Antimony	0.42	J	0.97	0.14	mg/Kg	1	☼	6020B	Total/NA
Arsenic	5.6		0.97	0.10	mg/Kg	1	☼	6020B	Total/NA
Barium	39.6		1.9	0.14	mg/Kg	1	☼	6020B	Total/NA
Beryllium	0.51		0.39	0.021	mg/Kg	1	☼	6020B	Total/NA
Cadmium	0.26	J	0.97	0.11	mg/Kg	1	☼	6020B	Total/NA
Calcium	2240		97.1	9.4	mg/Kg	1	☼	6020B	Total/NA
Chromium	14.0		1.9	0.29	mg/Kg	1	☼	6020B	Total/NA
Cobalt	6.4		0.97	0.14	mg/Kg	1	☼	6020B	Total/NA
Copper	30.0		1.9	0.36	mg/Kg	1	☼	6020B	Total/NA
Iron	16700		58.2	7.4	mg/Kg	1	☼	6020B	Total/NA
Lead	35.1		0.58	0.19	mg/Kg	1	☼	6020B	Total/NA
Magnesium	3100		97.1	9.9	mg/Kg	1	☼	6020B	Total/NA
Manganese	228		3.9	0.39	mg/Kg	1	☼	6020B	Total/NA
Nickel	14.2		1.9	0.17	mg/Kg	1	☼	6020B	Total/NA
Potassium	1050		97.1	15.7	mg/Kg	1	☼	6020B	Total/NA
Selenium	0.21	J	1.2	0.12	mg/Kg	1	☼	6020B	Total/NA
Silver	0.16	J	0.39	0.086	mg/Kg	1	☼	6020B	Total/NA
Sodium	74.6	J	97.1	44.4	mg/Kg	1	☼	6020B	Total/NA
Thallium	0.097	J	0.39	0.040	mg/Kg	1	☼	6020B	Total/NA
Vanadium	21.1		1.9	0.20	mg/Kg	1	☼	6020B	Total/NA
Zinc	57.5		7.8	1.1	mg/Kg	1	☼	6020B	Total/NA
Mercury	0.025		0.017	0.0078	mg/Kg	1	☼	7471B	Total/NA

Client Sample ID: 2B_6-12

Lab Sample ID: 460-336467-4

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Perfluorooctanoic acid (PFOA)	0.064	J	0.19	0.058	ug/Kg	1	☼	1633A	Total/NA
Perfluorodecanoic acid (PFDA)	0.058	J	0.19	0.058	ug/Kg	1	☼	1633A	Total/NA
Perfluoroundecanoic acid (PFUnA)	0.24		0.19	0.096	ug/Kg	1	☼	1633A	Total/NA
Perfluorotridecanoic acid (PFTrDA)	0.65		0.19	0.096	ug/Kg	1	☼	1633A	Total/NA
Aluminum	7430		19.3	5.3	mg/Kg	1	☼	6020B	Total/NA
Antimony	0.52	J	0.96	0.14	mg/Kg	1	☼	6020B	Total/NA
Arsenic	5.7		0.96	0.099	mg/Kg	1	☼	6020B	Total/NA
Barium	41.9		1.9	0.14	mg/Kg	1	☼	6020B	Total/NA
Beryllium	0.48		0.39	0.021	mg/Kg	1	☼	6020B	Total/NA
Cadmium	0.23	J	0.96	0.11	mg/Kg	1	☼	6020B	Total/NA
Calcium	1690		96.4	9.4	mg/Kg	1	☼	6020B	Total/NA

This Detection Summary does not include radiochemical test results.

Client Sample ID: 2B_6-12 (Continued)

Lab Sample ID: 460-336467-4

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Chromium	14.8		1.9	0.29	mg/Kg	1	☼	6020B	Total/NA
Cobalt	6.5		0.96	0.14	mg/Kg	1	☼	6020B	Total/NA
Copper	33.2		1.9	0.35	mg/Kg	1	☼	6020B	Total/NA
Iron	16700		57.9	7.4	mg/Kg	1	☼	6020B	Total/NA
Lead	38.8		0.58	0.19	mg/Kg	1	☼	6020B	Total/NA
Magnesium	2850		96.4	9.8	mg/Kg	1	☼	6020B	Total/NA
Manganese	236		3.9	0.39	mg/Kg	1	☼	6020B	Total/NA
Nickel	12.7		1.9	0.17	mg/Kg	1	☼	6020B	Total/NA
Potassium	893		96.4	15.6	mg/Kg	1	☼	6020B	Total/NA
Selenium	0.25	J	1.2	0.12	mg/Kg	1	☼	6020B	Total/NA
Silver	0.16	J	0.39	0.086	mg/Kg	1	☼	6020B	Total/NA
Sodium	65.9	J	96.4	44.1	mg/Kg	1	☼	6020B	Total/NA
Thallium	0.092	J	0.39	0.040	mg/Kg	1	☼	6020B	Total/NA
Vanadium	22.5		1.9	0.20	mg/Kg	1	☼	6020B	Total/NA
Zinc	49.0		7.7	1.1	mg/Kg	1	☼	6020B	Total/NA
Mercury	0.028		0.017	0.0081	mg/Kg	1	☼	7471B	Total/NA

Client Sample ID: 1A_0-7

Lab Sample ID: 460-336467-5

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Perfluorooctanoic acid (PFOA)	0.064	J	0.20	0.059	ug/Kg	1	☼	1633A	Total/NA
Perfluorodecanoic acid (PFDA)	0.070	J	0.20	0.059	ug/Kg	1	☼	1633A	Total/NA
Perfluoroundecanoic acid (PFUnA)	0.22		0.20	0.099	ug/Kg	1	☼	1633A	Total/NA
Perfluorotridecanoic acid (PFTrDA)	0.24		0.20	0.099	ug/Kg	1	☼	1633A	Total/NA
Aluminum	5040		18.0	4.9	mg/Kg	1	☼	6020B	Total/NA
Antimony	0.59	J	0.90	0.13	mg/Kg	1	☼	6020B	Total/NA
Arsenic	7.4		0.90	0.093	mg/Kg	1	☼	6020B	Total/NA
Barium	33.5		1.8	0.13	mg/Kg	1	☼	6020B	Total/NA
Beryllium	0.47		0.36	0.020	mg/Kg	1	☼	6020B	Total/NA
Cadmium	0.20	J	0.90	0.10	mg/Kg	1	☼	6020B	Total/NA
Calcium	2280		89.9	8.7	mg/Kg	1	☼	6020B	Total/NA
Chromium	16.0		1.8	0.27	mg/Kg	1	☼	6020B	Total/NA
Cobalt	4.6		0.90	0.13	mg/Kg	1	☼	6020B	Total/NA
Copper	37.1		1.8	0.33	mg/Kg	1	☼	6020B	Total/NA
Iron	17400		54.0	6.9	mg/Kg	1	☼	6020B	Total/NA
Lead	54.3		0.54	0.18	mg/Kg	1	☼	6020B	Total/NA
Magnesium	2300		89.9	9.2	mg/Kg	1	☼	6020B	Total/NA
Manganese	221		3.6	0.36	mg/Kg	1	☼	6020B	Total/NA
Nickel	9.5		1.8	0.16	mg/Kg	1	☼	6020B	Total/NA
Potassium	577		89.9	14.6	mg/Kg	1	☼	6020B	Total/NA
Selenium	0.42	J	1.1	0.12	mg/Kg	1	☼	6020B	Total/NA
Silver	0.23	J	0.36	0.080	mg/Kg	1	☼	6020B	Total/NA
Sodium	60.0	J	89.9	41.1	mg/Kg	1	☼	6020B	Total/NA
Thallium	0.080	J	0.36	0.037	mg/Kg	1	☼	6020B	Total/NA
Vanadium	19.6		1.8	0.19	mg/Kg	1	☼	6020B	Total/NA
Zinc	41.5		7.2	0.98	mg/Kg	1	☼	6020B	Total/NA
Mercury	0.034		0.017	0.0078	mg/Kg	1	☼	7471B	Total/NA

Client Sample ID: 1A_7-14

Lab Sample ID: 460-336467-6

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Perfluorodecanoic acid (PFDA)	0.084	J	0.20	0.060	ug/Kg	1	☼	1633A	Total/NA

This Detection Summary does not include radiochemical test results.

Client Sample ID: 1A_7-14 (Continued)

Lab Sample ID: 460-336467-6

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Perfluoroundecanoic acid (PFUnA)	0.23		0.20	0.099	ug/Kg	1	☼	1633A	Total/NA
Perfluorotridecanoic acid (PFTrDA)	0.16	J	0.20	0.099	ug/Kg	1	☼	1633A	Total/NA
Aluminum	3160		19.4	5.3	mg/Kg	1	☼	6020B	Total/NA
Antimony	0.48	J	0.97	0.14	mg/Kg	1	☼	6020B	Total/NA
Arsenic	5.8		0.97	0.10	mg/Kg	1	☼	6020B	Total/NA
Barium	28.4		1.9	0.14	mg/Kg	1	☼	6020B	Total/NA
Beryllium	0.33	J	0.39	0.021	mg/Kg	1	☼	6020B	Total/NA
Cadmium	0.12	J	0.97	0.11	mg/Kg	1	☼	6020B	Total/NA
Calcium	3000		97.2	9.5	mg/Kg	1	☼	6020B	Total/NA
Chromium	7.5		1.9	0.29	mg/Kg	1	☼	6020B	Total/NA
Cobalt	3.0		0.97	0.14	mg/Kg	1	☼	6020B	Total/NA
Copper	27.5		1.9	0.36	mg/Kg	1	☼	6020B	Total/NA
Iron	10800		58.3	7.4	mg/Kg	1	☼	6020B	Total/NA
Lead	31.4		0.58	0.19	mg/Kg	1	☼	6020B	Total/NA
Magnesium	2180		97.2	9.9	mg/Kg	1	☼	6020B	Total/NA
Manganese	218		3.9	0.39	mg/Kg	1	☼	6020B	Total/NA
Nickel	5.3		1.9	0.17	mg/Kg	1	☼	6020B	Total/NA
Potassium	397		97.2	15.7	mg/Kg	1	☼	6020B	Total/NA
Selenium	0.20	J	1.2	0.12	mg/Kg	1	☼	6020B	Total/NA
Silver	0.15	J	0.39	0.086	mg/Kg	1	☼	6020B	Total/NA
Thallium	0.055	J	0.39	0.040	mg/Kg	1	☼	6020B	Total/NA
Vanadium	13.4		1.9	0.20	mg/Kg	1	☼	6020B	Total/NA
Zinc	26.2		7.8	1.1	mg/Kg	1	☼	6020B	Total/NA
Mercury	0.028		0.018	0.0086	mg/Kg	1	☼	7471B	Total/NA

Client Sample ID: 1B_0-7

Lab Sample ID: 460-336467-7

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Perfluorooctanoic acid (PFOA)	0.12	J	0.20	0.059	ug/Kg	1	☼	1633A	Total/NA
Aluminum	8980		20.0	5.5	mg/Kg	1	☼	6020B	Total/NA
Antimony	0.36	J	1.0	0.15	mg/Kg	1	☼	6020B	Total/NA
Arsenic	5.4		1.0	0.10	mg/Kg	1	☼	6020B	Total/NA
Barium	43.7		2.0	0.14	mg/Kg	1	☼	6020B	Total/NA
Beryllium	0.48		0.40	0.022	mg/Kg	1	☼	6020B	Total/NA
Calcium	724		99.9	9.7	mg/Kg	1	☼	6020B	Total/NA
Chromium	14.0		2.0	0.30	mg/Kg	1	☼	6020B	Total/NA
Cobalt	6.4		1.0	0.15	mg/Kg	1	☼	6020B	Total/NA
Copper	25.1		2.0	0.37	mg/Kg	1	☼	6020B	Total/NA
Iron	16200		59.9	7.6	mg/Kg	1	☼	6020B	Total/NA
Lead	18.8		0.60	0.20	mg/Kg	1	☼	6020B	Total/NA
Magnesium	2540		99.9	10.2	mg/Kg	1	☼	6020B	Total/NA
Manganese	221		4.0	0.40	mg/Kg	1	☼	6020B	Total/NA
Nickel	12.5		2.0	0.18	mg/Kg	1	☼	6020B	Total/NA
Potassium	923		99.9	16.2	mg/Kg	1	☼	6020B	Total/NA
Selenium	0.26	J	1.2	0.13	mg/Kg	1	☼	6020B	Total/NA
Sodium	70.4	J	99.9	45.6	mg/Kg	1	☼	6020B	Total/NA
Thallium	0.11	J	0.40	0.041	mg/Kg	1	☼	6020B	Total/NA
Vanadium	22.1		2.0	0.21	mg/Kg	1	☼	6020B	Total/NA
Zinc	37.7		8.0	1.1	mg/Kg	1	☼	6020B	Total/NA
Mercury	0.027		0.018	0.0084	mg/Kg	1	☼	7471B	Total/NA

This Detection Summary does not include radiochemical test results.

Detection Summary

Client: Haley & Aldrich, Inc.
Project/Site: Former Port Mobil

Job ID: 460-336467-1

Client Sample ID: 1B_7-14 — Lab Sample ID: 460-336467-8

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Perfluoroundecanoic acid (PFUnA)	1.14		0.19	0.096	ug/Kg	1	☼	1633A	Total/NA
Perfluorotridecanoic acid (PFTrDA)	0.099	J	0.19	0.096	ug/Kg	1	☼	1633A	Total/NA
Aluminum	3890		19.1	5.2	mg/Kg	1	☼	6020B	Total/NA
Antimony	0.85	J	0.95	0.14	mg/Kg	1	☼	6020B	Total/NA
Arsenic	8.1		0.95	0.098	mg/Kg	1	☼	6020B	Total/NA
Barium	27.4		1.9	0.14	mg/Kg	1	☼	6020B	Total/NA
Beryllium	0.34	J	0.38	0.021	mg/Kg	1	☼	6020B	Total/NA
Calcium	478		95.3	9.3	mg/Kg	1	☼	6020B	Total/NA
Chromium	9.4		1.9	0.28	mg/Kg	1	☼	6020B	Total/NA
Cobalt	3.9		0.95	0.14	mg/Kg	1	☼	6020B	Total/NA
Copper	27.0		1.9	0.35	mg/Kg	1	☼	6020B	Total/NA
Iron	12500		57.2	7.3	mg/Kg	1	☼	6020B	Total/NA
Lead	32.3		0.57	0.19	mg/Kg	1	☼	6020B	Total/NA
Magnesium	1040		95.3	9.7	mg/Kg	1	☼	6020B	Total/NA
Manganese	171		3.8	0.38	mg/Kg	1	☼	6020B	Total/NA
Nickel	6.3		1.9	0.17	mg/Kg	1	☼	6020B	Total/NA
Potassium	569		95.3	15.4	mg/Kg	1	☼	6020B	Total/NA
Selenium	0.37	J	1.2	0.12	mg/Kg	1	☼	6020B	Total/NA
Silver	0.17	J	0.38	0.085	mg/Kg	1	☼	6020B	Total/NA
Thallium	0.047	J	0.38	0.039	mg/Kg	1	☼	6020B	Total/NA
Vanadium	16.6		1.9	0.20	mg/Kg	1	☼	6020B	Total/NA
Zinc	30.3		7.6	1.0	mg/Kg	1	☼	6020B	Total/NA
Mercury	0.026		0.018	0.0083	mg/Kg	1	☼	7471B	Total/NA

Client Sample ID: 1C_0-7 — Lab Sample ID: 460-336467-9

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Perfluorooctanoic acid (PFOA)	0.13	J	0.19	0.058	ug/Kg	1	☼	1633A	Total/NA
Aluminum	6010		19.6	5.4	mg/Kg	1	☼	6020B	Total/NA
Antimony	0.41	J	0.98	0.14	mg/Kg	1	☼	6020B	Total/NA
Arsenic	5.1		0.98	0.10	mg/Kg	1	☼	6020B	Total/NA
Barium	38.9		2.0	0.14	mg/Kg	1	☼	6020B	Total/NA
Beryllium	0.45		0.39	0.022	mg/Kg	1	☼	6020B	Total/NA
Cadmium	0.12	J	0.98	0.11	mg/Kg	1	☼	6020B	Total/NA
Calcium	784		97.9	9.5	mg/Kg	1	☼	6020B	Total/NA
Chromium	12.2		2.0	0.29	mg/Kg	1	☼	6020B	Total/NA
Cobalt	5.9		0.98	0.14	mg/Kg	1	☼	6020B	Total/NA
Copper	24.1		2.0	0.36	mg/Kg	1	☼	6020B	Total/NA
Iron	14800		58.7	7.5	mg/Kg	1	☼	6020B	Total/NA
Lead	20.1		0.59	0.20	mg/Kg	1	☼	6020B	Total/NA
Magnesium	1840		97.9	10	mg/Kg	1	☼	6020B	Total/NA
Manganese	215		3.9	0.39	mg/Kg	1	☼	6020B	Total/NA
Nickel	10.1		2.0	0.17	mg/Kg	1	☼	6020B	Total/NA
Potassium	862		97.9	15.9	mg/Kg	1	☼	6020B	Total/NA
Selenium	0.21	J	1.2	0.13	mg/Kg	1	☼	6020B	Total/NA
Silver	0.11	J	0.39	0.087	mg/Kg	1	☼	6020B	Total/NA
Sodium	55.5	J	97.9	44.7	mg/Kg	1	☼	6020B	Total/NA
Thallium	0.073	J	0.39	0.040	mg/Kg	1	☼	6020B	Total/NA
Vanadium	19.9		2.0	0.20	mg/Kg	1	☼	6020B	Total/NA
Zinc	33.9		7.8	1.1	mg/Kg	1	☼	6020B	Total/NA
Mercury	0.021		0.017	0.0080	mg/Kg	1	☼	7471B	Total/NA

This Detection Summary does not include radiochemical test results.

Detection Summary

Client: Haley & Aldrich, Inc.
Project/Site: Former Port Mobil

Job ID: 460-336467-1

Client Sample ID: 1C_7-14 — Lab Sample ID: 460-336467-10

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Perfluorooctanoic acid (PFOA)	0.081	J	0.19	0.058	ug/Kg	1	☼	1633A	Total/NA
Perfluorononanoic acid (PFNA)	0.13	J	0.19	0.096	ug/Kg	1	☼	1633A	Total/NA
Perfluorodecanoic acid (PFDA)	0.11	J	0.19	0.058	ug/Kg	1	☼	1633A	Total/NA
Perfluoroundecanoic acid (PFUnA)	0.93		0.19	0.096	ug/Kg	1	☼	1633A	Total/NA
Perfluorododecanoic acid (PFDoA)	0.16	J	0.19	0.096	ug/Kg	1	☼	1633A	Total/NA
Perfluorotridecanoic acid (PFTrDA)	2.62		0.19	0.096	ug/Kg	1	☼	1633A	Total/NA
Aluminum	8060		19.9	5.5	mg/Kg	1	☼	6020B	Total/NA
Antimony	0.98	J	0.99	0.15	mg/Kg	1	☼	6020B	Total/NA
Arsenic	6.3		0.99	0.10	mg/Kg	1	☼	6020B	Total/NA
Barium	39.0		2.0	0.14	mg/Kg	1	☼	6020B	Total/NA
Beryllium	0.62		0.40	0.022	mg/Kg	1	☼	6020B	Total/NA
Cadmium	0.20	J	0.99	0.11	mg/Kg	1	☼	6020B	Total/NA
Calcium	1280		99.5	9.7	mg/Kg	1	☼	6020B	Total/NA
Chromium	15.7		2.0	0.30	mg/Kg	1	☼	6020B	Total/NA
Cobalt	6.7		0.99	0.15	mg/Kg	1	☼	6020B	Total/NA
Copper	31.7		2.0	0.37	mg/Kg	1	☼	6020B	Total/NA
Iron	17900		59.7	7.6	mg/Kg	1	☼	6020B	Total/NA
Lead	57.7		0.60	0.20	mg/Kg	1	☼	6020B	Total/NA
Magnesium	2860		99.5	10.1	mg/Kg	1	☼	6020B	Total/NA
Manganese	243		4.0	0.40	mg/Kg	1	☼	6020B	Total/NA
Nickel	15.0		2.0	0.18	mg/Kg	1	☼	6020B	Total/NA
Potassium	1090		99.5	16.1	mg/Kg	1	☼	6020B	Total/NA
Selenium	0.21	J	1.2	0.13	mg/Kg	1	☼	6020B	Total/NA
Silver	0.19	J	0.40	0.089	mg/Kg	1	☼	6020B	Total/NA
Sodium	74.5	J	99.5	45.5	mg/Kg	1	☼	6020B	Total/NA
Thallium	0.082	J	0.40	0.041	mg/Kg	1	☼	6020B	Total/NA
Vanadium	23.4		2.0	0.20	mg/Kg	1	☼	6020B	Total/NA
Zinc	70.3		8.0	1.1	mg/Kg	1	☼	6020B	Total/NA
Mercury	0.027		0.018	0.0085	mg/Kg	1	☼	7471B	Total/NA

Client Sample ID: 1D_0-7 — Lab Sample ID: 460-336467-11

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Perfluorooctanoic acid (PFOA)	0.089	J	0.20	0.060	ug/Kg	1	☼	1633A	Total/NA
Perfluorononanoic acid (PFNA)	0.33		0.20	0.10	ug/Kg	1	☼	1633A	Total/NA
Perfluorodecanoic acid (PFDA)	0.11	J	0.20	0.060	ug/Kg	1	☼	1633A	Total/NA
Perfluoroundecanoic acid (PFUnA)	0.97		0.20	0.10	ug/Kg	1	☼	1633A	Total/NA
Perfluorotridecanoic acid (PFTrDA)	0.32		0.20	0.10	ug/Kg	1	☼	1633A	Total/NA
Perfluorooctanesulfonic acid (PFOS)	0.10	J	0.20	0.10	ug/Kg	1	☼	1633A	Total/NA
Aluminum	8000		19.5	5.3	mg/Kg	1	☼	6020B	Total/NA
Antimony	0.68	J	0.97	0.14	mg/Kg	1	☼	6020B	Total/NA
Arsenic	6.4		0.97	0.10	mg/Kg	1	☼	6020B	Total/NA
Barium	56.7		1.9	0.14	mg/Kg	1	☼	6020B	Total/NA
Beryllium	0.55		0.39	0.021	mg/Kg	1	☼	6020B	Total/NA
Cadmium	0.21	J	0.97	0.11	mg/Kg	1	☼	6020B	Total/NA
Calcium	1690		97.4	9.5	mg/Kg	1	☼	6020B	Total/NA
Chromium	16.0		1.9	0.29	mg/Kg	1	☼	6020B	Total/NA
Cobalt	7.1		0.97	0.14	mg/Kg	1	☼	6020B	Total/NA
Copper	29.4		1.9	0.36	mg/Kg	1	☼	6020B	Total/NA
Iron	19100		58.4	7.4	mg/Kg	1	☼	6020B	Total/NA
Lead	53.5		0.58	0.19	mg/Kg	1	☼	6020B	Total/NA

This Detection Summary does not include radiochemical test results.

Eurofins Edison

Client Sample ID: 1D_0-7 (Continued) — Lab Sample ID: 460-336467-11

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Magnesium	2870		97.4	9.9	mg/Kg	1	☼	6020B	Total/NA
Manganese	293		3.9	0.39	mg/Kg	1	☼	6020B	Total/NA
Nickel	14.0		1.9	0.17	mg/Kg	1	☼	6020B	Total/NA
Potassium	1150		97.4	15.8	mg/Kg	1	☼	6020B	Total/NA
Selenium	0.18	J	1.2	0.12	mg/Kg	1	☼	6020B	Total/NA
Silver	0.17	J	0.39	0.087	mg/Kg	1	☼	6020B	Total/NA
Sodium	106		97.4	44.5	mg/Kg	1	☼	6020B	Total/NA
Thallium	0.088	J	0.39	0.040	mg/Kg	1	☼	6020B	Total/NA
Vanadium	23.9		1.9	0.20	mg/Kg	1	☼	6020B	Total/NA
Zinc	52.2		7.8	1.1	mg/Kg	1	☼	6020B	Total/NA
Mercury	0.027		0.018	0.0083	mg/Kg	1	☼	7471B	Total/NA

Client Sample ID: 1D_7-14 — Lab Sample ID: 460-336467-12

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Perfluorodecanoic acid (PFDA)	0.070	J	0.20	0.059	ug/Kg	1	☼	1633A	Total/NA
Perfluoroundecanoic acid (PFUnA)	0.19	J	0.20	0.099	ug/Kg	1	☼	1633A	Total/NA
Aluminum	9820		20.8	5.7	mg/Kg	1	☼	6020B	Total/NA
Antimony	0.16	J	1.0	0.15	mg/Kg	1	☼	6020B	Total/NA
Arsenic	3.4		1.0	0.11	mg/Kg	1	☼	6020B	Total/NA
Barium	74.5		2.1	0.15	mg/Kg	1	☼	6020B	Total/NA
Beryllium	0.56		0.42	0.023	mg/Kg	1	☼	6020B	Total/NA
Calcium	1470		104	10.1	mg/Kg	1	☼	6020B	Total/NA
Chromium	16.5		2.1	0.31	mg/Kg	1	☼	6020B	Total/NA
Cobalt	8.4		1.0	0.15	mg/Kg	1	☼	6020B	Total/NA
Copper	17.7		2.1	0.38	mg/Kg	1	☼	6020B	Total/NA
Iron	20500		62.4	8.0	mg/Kg	1	☼	6020B	Total/NA
Lead	9.6		0.62	0.21	mg/Kg	1	☼	6020B	Total/NA
Magnesium	4740		104	10.6	mg/Kg	1	☼	6020B	Total/NA
Manganese	469		4.2	0.42	mg/Kg	1	☼	6020B	Total/NA
Nickel	18.7		2.1	0.18	mg/Kg	1	☼	6020B	Total/NA
Potassium	1750		104	16.8	mg/Kg	1	☼	6020B	Total/NA
Sodium	106		104	47.5	mg/Kg	1	☼	6020B	Total/NA
Thallium	0.11	J	0.42	0.043	mg/Kg	1	☼	6020B	Total/NA
Vanadium	22.6		2.1	0.21	mg/Kg	1	☼	6020B	Total/NA
Zinc	61.9		8.3	1.1	mg/Kg	1	☼	6020B	Total/NA

Client Sample ID: 1E_0-7 — Lab Sample ID: 460-336467-13

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
4,4'-DDT	0.0048	J	0.0072	0.0013	mg/Kg	1	☼	8081B	Total/NA
Perfluorooctanoic acid (PFOA)	0.084	J	0.19	0.058	ug/Kg	1	☼	1633A	Total/NA
Perfluorononanoic acid (PFNA)	0.38		0.19	0.097	ug/Kg	1	☼	1633A	Total/NA
Perfluorodecanoic acid (PFDA)	0.093	J	0.19	0.058	ug/Kg	1	☼	1633A	Total/NA
Perfluoroundecanoic acid (PFUnA)	0.75		0.19	0.097	ug/Kg	1	☼	1633A	Total/NA
Perfluorotridecanoic acid (PFTrDA)	0.27		0.19	0.097	ug/Kg	1	☼	1633A	Total/NA
Aluminum	5490		19.6	5.4	mg/Kg	1	☼	6020B	Total/NA
Antimony	2.0		0.98	0.14	mg/Kg	1	☼	6020B	Total/NA
Arsenic	12.9		0.98	0.10	mg/Kg	1	☼	6020B	Total/NA
Barium	34.3		2.0	0.14	mg/Kg	1	☼	6020B	Total/NA
Beryllium	0.35	J	0.39	0.022	mg/Kg	1	☼	6020B	Total/NA
Cadmium	0.14	J	0.98	0.11	mg/Kg	1	☼	6020B	Total/NA

This Detection Summary does not include radiochemical test results.

Client Sample ID: 1E_0-7 (Continued) — Lab Sample ID: 460-336467-13

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Calcium	1600		98.2	9.6	mg/Kg	1	☼	6020B	Total/NA
Chromium	11.7		2.0	0.29	mg/Kg	1	☼	6020B	Total/NA
Cobalt	4.5		0.98	0.15	mg/Kg	1	☼	6020B	Total/NA
Copper	38.9		2.0	0.36	mg/Kg	1	☼	6020B	Total/NA
Iron	15800		58.9	7.5	mg/Kg	1	☼	6020B	Total/NA
Lead	72.9		0.59	0.20	mg/Kg	1	☼	6020B	Total/NA
Magnesium	2140		98.2	10.0	mg/Kg	1	☼	6020B	Total/NA
Manganese	145		3.9	0.40	mg/Kg	1	☼	6020B	Total/NA
Nickel	9.9		2.0	0.17	mg/Kg	1	☼	6020B	Total/NA
Potassium	692		98.2	15.9	mg/Kg	1	☼	6020B	Total/NA
Selenium	0.50	J	1.2	0.13	mg/Kg	1	☼	6020B	Total/NA
Silver	0.58		0.39	0.087	mg/Kg	1	☼	6020B	Total/NA
Sodium	55.6	J	98.2	44.9	mg/Kg	1	☼	6020B	Total/NA
Thallium	0.11	J	0.39	0.040	mg/Kg	1	☼	6020B	Total/NA
Vanadium	29.2		2.0	0.20	mg/Kg	1	☼	6020B	Total/NA
Zinc	34.6		7.9	1.1	mg/Kg	1	☼	6020B	Total/NA
Mercury	0.043		0.018	0.0085	mg/Kg	1	☼	7471B	Total/NA

Client Sample ID: 1E_7-14 — Lab Sample ID: 460-336467-14

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Perfluoroundecanoic acid (PFUnA)	0.098	J	0.20	0.098	ug/Kg	1	☼	1633A	Total/NA
Perfluorotridecanoic acid (PFTrDA)	0.13	J	0.20	0.098	ug/Kg	1	☼	1633A	Total/NA
Aluminum	7590		21.6	5.9	mg/Kg	1	☼	6020B	Total/NA
Antimony	0.18	J	1.1	0.16	mg/Kg	1	☼	6020B	Total/NA
Arsenic	3.8		1.1	0.11	mg/Kg	1	☼	6020B	Total/NA
Barium	29.0		2.2	0.16	mg/Kg	1	☼	6020B	Total/NA
Beryllium	0.49		0.43	0.024	mg/Kg	1	☼	6020B	Total/NA
Calcium	955		108	10.5	mg/Kg	1	☼	6020B	Total/NA
Chromium	16.7		2.2	0.32	mg/Kg	1	☼	6020B	Total/NA
Cobalt	5.3		1.1	0.16	mg/Kg	1	☼	6020B	Total/NA
Copper	15.3		2.2	0.40	mg/Kg	1	☼	6020B	Total/NA
Iron	23100		64.7	8.3	mg/Kg	1	☼	6020B	Total/NA
Lead	10.4		0.65	0.22	mg/Kg	1	☼	6020B	Total/NA
Magnesium	2230		108	11.0	mg/Kg	1	☼	6020B	Total/NA
Manganese	165		4.3	0.43	mg/Kg	1	☼	6020B	Total/NA
Nickel	10.3		2.2	0.19	mg/Kg	1	☼	6020B	Total/NA
Potassium	768		108	17.5	mg/Kg	1	☼	6020B	Total/NA
Selenium	0.18	J	1.3	0.14	mg/Kg	1	☼	6020B	Total/NA
Sodium	73.7	J	108	49.3	mg/Kg	1	☼	6020B	Total/NA
Thallium	0.085	J	0.43	0.044	mg/Kg	1	☼	6020B	Total/NA
Vanadium	26.0		2.2	0.22	mg/Kg	1	☼	6020B	Total/NA
Zinc	35.3		8.6	1.2	mg/Kg	1	☼	6020B	Total/NA
Mercury	0.011	J	0.019	0.0091	mg/Kg	1	☼	7471B	Total/NA

Client Sample ID: 1F_0-7 — Lab Sample ID: 460-336467-15

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
4,4'-DDT	0.0020	J	0.0071	0.0013	mg/Kg	1	☼	8081B	Total/NA
Perfluorooctanoic acid (PFOA)	0.064	J	0.19	0.058	ug/Kg	1	☼	1633A	Total/NA
Perfluorononanoic acid (PFNA)	0.23		0.19	0.096	ug/Kg	1	☼	1633A	Total/NA
Perfluorodecanoic acid (PFDA)	0.13	J	0.19	0.058	ug/Kg	1	☼	1633A	Total/NA

This Detection Summary does not include radiochemical test results.

Client Sample ID: 1F_0-7 (Continued)

Lab Sample ID: 460-336467-15

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Perfluoroundecanoic acid (PFUnA)	0.73		0.19	0.096	ug/Kg	1	☼	1633A	Total/NA
Perfluorotridecanoic acid (PFTrDA)	0.28		0.19	0.096	ug/Kg	1	☼	1633A	Total/NA
Perfluorooctanesulfonic acid (PFOS)	0.13	J	0.19	0.096	ug/Kg	1	☼	1633A	Total/NA
Aluminum	3360		19.4	5.3	mg/Kg	1	☼	6020B	Total/NA
Antimony	1.8		0.97	0.14	mg/Kg	1	☼	6020B	Total/NA
Arsenic	10.2		0.97	0.10	mg/Kg	1	☼	6020B	Total/NA
Barium	23.5		1.9	0.14	mg/Kg	1	☼	6020B	Total/NA
Beryllium	0.27	J	0.39	0.021	mg/Kg	1	☼	6020B	Total/NA
Calcium	634		96.8	9.4	mg/Kg	1	☼	6020B	Total/NA
Chromium	8.9		1.9	0.29	mg/Kg	1	☼	6020B	Total/NA
Cobalt	2.8		0.97	0.14	mg/Kg	1	☼	6020B	Total/NA
Copper	20.6		1.9	0.36	mg/Kg	1	☼	6020B	Total/NA
Iron	11500		58.1	7.4	mg/Kg	1	☼	6020B	Total/NA
Lead	47.7		0.58	0.19	mg/Kg	1	☼	6020B	Total/NA
Magnesium	954		96.8	9.9	mg/Kg	1	☼	6020B	Total/NA
Manganese	126		3.9	0.39	mg/Kg	1	☼	6020B	Total/NA
Nickel	4.9		1.9	0.17	mg/Kg	1	☼	6020B	Total/NA
Potassium	513		96.8	15.7	mg/Kg	1	☼	6020B	Total/NA
Selenium	0.28	J	1.2	0.12	mg/Kg	1	☼	6020B	Total/NA
Silver	0.21	J	0.39	0.086	mg/Kg	1	☼	6020B	Total/NA
Vanadium	16.0		1.9	0.20	mg/Kg	1	☼	6020B	Total/NA
Zinc	21.0		7.7	1.1	mg/Kg	1	☼	6020B	Total/NA
Mercury	0.026		0.017	0.0080	mg/Kg	1	☼	7471B	Total/NA

Client Sample ID: 1F_7-14

Lab Sample ID: 460-336467-16

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
2-Methylnaphthalene	0.014	J	0.35	0.0099	mg/Kg	1	☼	8270E	Total/NA
Naphthalene	0.011	J	0.35	0.0061	mg/Kg	1	☼	8270E	Total/NA
Phenanthrene	0.021	J	0.35	0.014	mg/Kg	1	☼	8270E	Total/NA
Perfluorooctanoic acid (PFOA)	0.080	J	0.20	0.059	ug/Kg	1	☼	1633A	Total/NA
Perfluoroundecanoic acid (PFUnA)	1.37		0.20	0.099	ug/Kg	1	☼	1633A	Total/NA
Perfluorotridecanoic acid (PFTrDA)	0.35		0.20	0.099	ug/Kg	1	☼	1633A	Total/NA
Aluminum	5060		19.4	5.3	mg/Kg	1	☼	6020B	Total/NA
Antimony	0.70	J	0.97	0.14	mg/Kg	1	☼	6020B	Total/NA
Arsenic	7.2		0.97	0.10	mg/Kg	1	☼	6020B	Total/NA
Barium	28.7		1.9	0.14	mg/Kg	1	☼	6020B	Total/NA
Beryllium	0.39		0.39	0.021	mg/Kg	1	☼	6020B	Total/NA
Cadmium	0.96	J	0.97	0.11	mg/Kg	1	☼	6020B	Total/NA
Calcium	702		96.8	9.4	mg/Kg	1	☼	6020B	Total/NA
Chromium	12.2		1.9	0.29	mg/Kg	1	☼	6020B	Total/NA
Cobalt	4.5		0.97	0.14	mg/Kg	1	☼	6020B	Total/NA
Copper	29.5		1.9	0.36	mg/Kg	1	☼	6020B	Total/NA
Iron	16400		58.1	7.4	mg/Kg	1	☼	6020B	Total/NA
Lead	39.7		0.58	0.19	mg/Kg	1	☼	6020B	Total/NA
Magnesium	1450		96.8	9.9	mg/Kg	1	☼	6020B	Total/NA
Manganese	149		3.9	0.39	mg/Kg	1	☼	6020B	Total/NA
Nickel	9.9		1.9	0.17	mg/Kg	1	☼	6020B	Total/NA
Potassium	794		96.8	15.7	mg/Kg	1	☼	6020B	Total/NA
Selenium	0.24	J	1.2	0.12	mg/Kg	1	☼	6020B	Total/NA
Silver	0.18	J	0.39	0.086	mg/Kg	1	☼	6020B	Total/NA

This Detection Summary does not include radiochemical test results.

Client Sample ID: 1F_7-14 (Continued) — Lab Sample ID: 460-336467-16

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Thallium	0.047	J	0.39	0.040	mg/Kg	1	☼	6020B	Total/NA
Vanadium	21.2		1.9	0.20	mg/Kg	1	☼	6020B	Total/NA
Zinc	82.1		7.7	1.1	mg/Kg	1	☼	6020B	Total/NA
Mercury	0.022		0.018	0.0084	mg/Kg	1	☼	7471B	Total/NA

Client Sample ID: 1G_0-7 — Lab Sample ID: 460-336467-17

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Perfluorodecanoic acid (PFDA)	0.18	J	0.19	0.058	ug/Kg	1	☼	1633A	Total/NA
Perfluoroundecanoic acid (PFUnA)	1.71		0.19	0.097	ug/Kg	1	☼	1633A	Total/NA
Perfluorotridecanoic acid (PFTrDA)	0.18	J	0.19	0.097	ug/Kg	1	☼	1633A	Total/NA
Aluminum	2640		18.7	5.1	mg/Kg	1	☼	6020B	Total/NA
Antimony	1.1		0.93	0.14	mg/Kg	1	☼	6020B	Total/NA
Arsenic	9.0		0.93	0.096	mg/Kg	1	☼	6020B	Total/NA
Barium	24.1		1.9	0.14	mg/Kg	1	☼	6020B	Total/NA
Beryllium	0.30	J	0.37	0.021	mg/Kg	1	☼	6020B	Total/NA
Cadmium	0.26	J	0.93	0.11	mg/Kg	1	☼	6020B	Total/NA
Calcium	20400		93.3	9.1	mg/Kg	1	☼	6020B	Total/NA
Chromium	7.0		1.9	0.28	mg/Kg	1	☼	6020B	Total/NA
Cobalt	3.0		0.93	0.14	mg/Kg	1	☼	6020B	Total/NA
Copper	41.8		1.9	0.34	mg/Kg	1	☼	6020B	Total/NA
Iron	10800		56.0	7.1	mg/Kg	1	☼	6020B	Total/NA
Lead	48.1		0.56	0.19	mg/Kg	1	☼	6020B	Total/NA
Magnesium	11700		93.3	9.5	mg/Kg	1	☼	6020B	Total/NA
Manganese	165		3.7	0.38	mg/Kg	1	☼	6020B	Total/NA
Nickel	6.0		1.9	0.17	mg/Kg	1	☼	6020B	Total/NA
Potassium	474		93.3	15.1	mg/Kg	1	☼	6020B	Total/NA
Selenium	0.23	J	1.2	0.12	mg/Kg	1	☼	6020B	Total/NA
Silver	0.32	J	0.37	0.083	mg/Kg	1	☼	6020B	Total/NA
Thallium	0.046	J	0.37	0.038	mg/Kg	1	☼	6020B	Total/NA
Vanadium	16.0		1.9	0.19	mg/Kg	1	☼	6020B	Total/NA
Zinc	38.1		7.5	1.0	mg/Kg	1	☼	6020B	Total/NA
Mercury	0.045		0.017	0.0082	mg/Kg	1	☼	7471B	Total/NA

Client Sample ID: 1G_7-14 — Lab Sample ID: 460-336467-18

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Perfluorodecanoic acid (PFDA)	0.10	J	0.19	0.058	ug/Kg	1	☼	1633A	Total/NA
Perfluoroundecanoic acid (PFUnA)	1.08		0.19	0.097	ug/Kg	1	☼	1633A	Total/NA
Perfluorotridecanoic acid (PFTrDA)	0.17	J	0.19	0.097	ug/Kg	1	☼	1633A	Total/NA
Aluminum	3670		20.7	5.7	mg/Kg	1	☼	6020B	Total/NA
Antimony	0.55	J	1.0	0.15	mg/Kg	1	☼	6020B	Total/NA
Arsenic	6.9		1.0	0.11	mg/Kg	1	☼	6020B	Total/NA
Barium	29.9		2.1	0.15	mg/Kg	1	☼	6020B	Total/NA
Beryllium	0.42		0.41	0.023	mg/Kg	1	☼	6020B	Total/NA
Cadmium	0.20	J	1.0	0.12	mg/Kg	1	☼	6020B	Total/NA
Calcium	815		103	10.1	mg/Kg	1	☼	6020B	Total/NA
Chromium	9.7		2.1	0.31	mg/Kg	1	☼	6020B	Total/NA
Cobalt	4.3		1.0	0.15	mg/Kg	1	☼	6020B	Total/NA
Copper	35.1		2.1	0.38	mg/Kg	1	☼	6020B	Total/NA
Iron	12800		62.0	7.9	mg/Kg	1	☼	6020B	Total/NA
Lead	41.0		0.62	0.21	mg/Kg	1	☼	6020B	Total/NA

This Detection Summary does not include radiochemical test results.

Client Sample ID: 1G_7-14 (Continued) — Lab Sample ID: 460-336467-18

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Magnesium	923		103	10.5	mg/Kg	1	☼	6020B	Total/NA
Manganese	183		4.1	0.42	mg/Kg	1	☼	6020B	Total/NA
Nickel	9.7		2.1	0.18	mg/Kg	1	☼	6020B	Total/NA
Potassium	572		103	16.7	mg/Kg	1	☼	6020B	Total/NA
Selenium	0.23	J	1.3	0.13	mg/Kg	1	☼	6020B	Total/NA
Silver	0.19	J	0.41	0.092	mg/Kg	1	☼	6020B	Total/NA
Sodium	49.0	J	103	47.2	mg/Kg	1	☼	6020B	Total/NA
Vanadium	15.6		2.1	0.21	mg/Kg	1	☼	6020B	Total/NA
Zinc	79.7		8.3	1.1	mg/Kg	1	☼	6020B	Total/NA
Mercury	0.025		0.019	0.0088	mg/Kg	1	☼	7471B	Total/NA

Client Sample ID: 1H_0-7 — Lab Sample ID: 460-336467-19

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Perfluorooctanoic acid (PFOA)	0.062	J	0.20	0.059	ug/Kg	1	☼	1633A	Total/NA
Perfluorononanoic acid (PFNA)	0.11	J	0.20	0.098	ug/Kg	1	☼	1633A	Total/NA
Perfluorodecanoic acid (PFDA)	0.062	J	0.20	0.059	ug/Kg	1	☼	1633A	Total/NA
Perfluoroundecanoic acid (PFUnA)	0.52		0.20	0.098	ug/Kg	1	☼	1633A	Total/NA
Perfluorotridecanoic acid (PFTrDA)	0.10	J	0.20	0.098	ug/Kg	1	☼	1633A	Total/NA
Aluminum	2740		18.7	5.1	mg/Kg	1	☼	6020B	Total/NA
Antimony	1.0		0.94	0.14	mg/Kg	1	☼	6020B	Total/NA
Arsenic	7.9		0.94	0.096	mg/Kg	1	☼	6020B	Total/NA
Barium	22.1		1.9	0.14	mg/Kg	1	☼	6020B	Total/NA
Beryllium	0.31	J	0.37	0.021	mg/Kg	1	☼	6020B	Total/NA
Cadmium	0.37	J	0.94	0.11	mg/Kg	1	☼	6020B	Total/NA
Calcium	12100		93.5	9.1	mg/Kg	1	☼	6020B	Total/NA
Chromium	6.9		1.9	0.28	mg/Kg	1	☼	6020B	Total/NA
Cobalt	3.1		0.94	0.14	mg/Kg	1	☼	6020B	Total/NA
Copper	47.6		1.9	0.34	mg/Kg	1	☼	6020B	Total/NA
Iron	10200		56.1	7.2	mg/Kg	1	☼	6020B	Total/NA
Lead	51.3		0.56	0.19	mg/Kg	1	☼	6020B	Total/NA
Magnesium	7430		93.5	9.5	mg/Kg	1	☼	6020B	Total/NA
Manganese	196		3.7	0.38	mg/Kg	1	☼	6020B	Total/NA
Nickel	7.1		1.9	0.17	mg/Kg	1	☼	6020B	Total/NA
Potassium	437		93.5	15.2	mg/Kg	1	☼	6020B	Total/NA
Selenium	0.23	J	1.2	0.12	mg/Kg	1	☼	6020B	Total/NA
Silver	0.57		0.37	0.083	mg/Kg	1	☼	6020B	Total/NA
Thallium	0.052	J	0.37	0.038	mg/Kg	1	☼	6020B	Total/NA
Vanadium	15.9		1.9	0.19	mg/Kg	1	☼	6020B	Total/NA
Zinc	49.2		7.5	1.0	mg/Kg	1	☼	6020B	Total/NA
Mercury	0.038		0.017	0.0078	mg/Kg	1	☼	7471B	Total/NA

Client Sample ID: 1H_7-14 — Lab Sample ID: 460-336467-20

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Acenaphthylene	0.011	J	0.34	0.0098	mg/Kg	1	☼	8270E	Total/NA
Benzo[a]pyrene	0.017	J	0.034	0.0092	mg/Kg	1	☼	8270E	Total/NA
Benzo[b]fluoranthene	0.022	J	0.034	0.0089	mg/Kg	1	☼	8270E	Total/NA
Benzo[g,h,i]perylene	0.020	J	0.34	0.010	mg/Kg	1	☼	8270E	Total/NA
Benzo[k]fluoranthene	0.0077	J	0.034	0.0067	mg/Kg	1	☼	8270E	Total/NA
Fluoranthene	0.016	J	0.34	0.012	mg/Kg	1	☼	8270E	Total/NA
Indeno[1,2,3-cd]pyrene	0.015	J	0.034	0.013	mg/Kg	1	☼	8270E	Total/NA

This Detection Summary does not include radiochemical test results.

Client Sample ID: 1H_7-14 (Continued) — Lab Sample ID: 460-336467-20

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Pyrene	0.015	J	0.34	0.0086	mg/Kg	1	☼	8270E	Total/NA
Perfluorobutanoic acid (PFBA)	0.27	J	0.39	0.098	ug/Kg	1	☼	1633A	Total/NA
Perfluorohexanoic acid (PFHxA)	0.13	J	0.20	0.098	ug/Kg	1	☼	1633A	Total/NA
Perfluorooctanoic acid (PFOA)	0.16	J	0.20	0.059	ug/Kg	1	☼	1633A	Total/NA
Perfluoroundecanoic acid (PFUnA)	0.35		0.20	0.098	ug/Kg	1	☼	1633A	Total/NA
Perfluorotridecanoic acid (PFTrDA)	0.27		0.20	0.098	ug/Kg	1	☼	1633A	Total/NA
Perfluorooctanesulfonic acid (PFOS)	0.11	J	0.20	0.098	ug/Kg	1	☼	1633A	Total/NA
Hexafluoropropylene Oxide Dimer Acid (HFPO-DA)	0.19	J	0.20	0.098	ug/Kg	1	☼	1633A	Total/NA
Aluminum	4180		20.8	5.7	mg/Kg	1	☼	6020B	Total/NA
Antimony	0.66	J	1.0	0.15	mg/Kg	1	☼	6020B	Total/NA
Arsenic	7.3		1.0	0.11	mg/Kg	1	☼	6020B	Total/NA
Barium	37.1		2.1	0.15	mg/Kg	1	☼	6020B	Total/NA
Beryllium	0.39	J	0.42	0.023	mg/Kg	1	☼	6020B	Total/NA
Cadmium	0.23	J	1.0	0.12	mg/Kg	1	☼	6020B	Total/NA
Calcium	3870		104	10.1	mg/Kg	1	☼	6020B	Total/NA
Chromium	9.3		2.1	0.31	mg/Kg	1	☼	6020B	Total/NA
Cobalt	3.8		1.0	0.15	mg/Kg	1	☼	6020B	Total/NA
Copper	30.7		2.1	0.38	mg/Kg	1	☼	6020B	Total/NA
Iron	13900		62.4	8.0	mg/Kg	1	☼	6020B	Total/NA
Lead	67.5		0.62	0.21	mg/Kg	1	☼	6020B	Total/NA
Magnesium	2810		104	10.6	mg/Kg	1	☼	6020B	Total/NA
Manganese	175		4.2	0.42	mg/Kg	1	☼	6020B	Total/NA
Nickel	7.8		2.1	0.18	mg/Kg	1	☼	6020B	Total/NA
Potassium	580		104	16.8	mg/Kg	1	☼	6020B	Total/NA
Selenium	0.22	J	1.3	0.13	mg/Kg	1	☼	6020B	Total/NA
Silver	0.19	J	0.42	0.093	mg/Kg	1	☼	6020B	Total/NA
Sodium	55.2	J	104	47.5	mg/Kg	1	☼	6020B	Total/NA
Thallium	0.051	J	0.42	0.043	mg/Kg	1	☼	6020B	Total/NA
Vanadium	16.5		2.1	0.21	mg/Kg	1	☼	6020B	Total/NA
Zinc	44.4		8.3	1.1	mg/Kg	1	☼	6020B	Total/NA
Mercury	0.033		0.017	0.0079	mg/Kg	1	☼	7471B	Total/NA

Client Sample ID: 2A1_1-2 — Lab Sample ID: 460-336467-21

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Acetone	0.032		0.0065	0.0062	mg/Kg	1	☼	8260D	Total/NA
Toluene	0.00045	J	0.0011	0.00025	mg/Kg	1	☼	8260D	Total/NA

Client Sample ID: 2A2_3-4 — Lab Sample ID: 460-336467-22

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Acetone	0.047		0.0047	0.0045	mg/Kg	1	☼	8260D	Total/NA
Toluene	0.00034	J	0.00079	0.00018	mg/Kg	1	☼	8260D	Total/NA

Client Sample ID: 2A3_4-5 — Lab Sample ID: 460-336467-23

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Acetone	0.13		0.0066	0.0063	mg/Kg	1	☼	8260D	Total/NA
Toluene	0.00050	J	0.0011	0.00026	mg/Kg	1	☼	8260D	Total/NA

This Detection Summary does not include radiochemical test results.

Detection Summary

Client: Haley & Aldrich, Inc.
Project/Site: Former Port Mobil

Job ID: 460-336467-1

Client Sample ID: 2A1_6-7 — Lab Sample ID: 460-336467-24

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Acetone	0.015		0.0076	0.0073	mg/Kg	1	☼	8260D	Total/NA
Toluene	0.00058	J	0.0013	0.00030	mg/Kg	1	☼	8260D	Total/NA

Client Sample ID: 2A2_8-9 — Lab Sample ID: 460-336467-25

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Acetone	0.012		0.0055	0.0052	mg/Kg	1	☼	8260D	Total/NA
Toluene	0.00046	J	0.00091	0.00021	mg/Kg	1	☼	8260D	Total/NA

Client Sample ID: 2A3_10-11 — Lab Sample ID: 460-336467-26

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Acetone	0.14		0.0083	0.0079	mg/Kg	1	☼	8260D	Total/NA
Toluene	0.00075	J	0.0014	0.00032	mg/Kg	1	☼	8260D	Total/NA

Client Sample ID: 2A1_11-12 — Lab Sample ID: 460-336467-27

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Acetone	0.16		0.0057	0.0054	mg/Kg	1	☼	8260D	Total/NA

Client Sample ID: 2B1_1-2 — Lab Sample ID: 460-336467-28

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Acetone	0.11		0.0081	0.0077	mg/Kg	1	☼	8260D	Total/NA

Client Sample ID: 2B2_2-3 — Lab Sample ID: 460-336467-29

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Acetone	0.084		0.0057	0.0055	mg/Kg	1	☼	8260D	Total/NA
Toluene	0.00055	J	0.00095	0.00022	mg/Kg	1	☼	8260D	Total/NA

Client Sample ID: 2B3_4-5 — Lab Sample ID: 460-336467-30

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Acetone	0.036		0.0062	0.0059	mg/Kg	1	☼	8260D	Total/NA

Client Sample ID: 2B1_6-7 — Lab Sample ID: 460-336467-31

No Detections.

Client Sample ID: 2B2_8-9 — Lab Sample ID: 460-336467-32

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Acetone	0.19		0.0072	0.0069	mg/Kg	1	☼	8260D	Total/NA
Toluene	0.00047	J	0.0012	0.00028	mg/Kg	1	☼	8260D	Total/NA

Client Sample ID: 2B3_9-10 — Lab Sample ID: 460-336467-33

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Acetone	0.0078		0.0060	0.0057	mg/Kg	1	☼	8260D	Total/NA

Client Sample ID: 2B1_10-11 — Lab Sample ID: 460-336467-34

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Acetone	0.16		0.0075	0.0071	mg/Kg	1	☼	8260D	Total/NA
Methylene Chloride	0.0017	J	0.0025	0.0014	mg/Kg	1	☼	8260D	Total/NA

This Detection Summary does not include radiochemical test results.

Eurofins Edison

Detection Summary

Client: Haley & Aldrich, Inc.
Project/Site: Former Port Mobil

Job ID: 460-336467-1

Client Sample ID: 1A1_1-2 — Lab Sample ID: 460-336467-35

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Acetone	0.029		0.0061	0.0058	mg/Kg	1	☼	8260D	Total/NA
Methylene Chloride	0.0024		0.0020	0.0012	mg/Kg	1	☼	8260D	Total/NA

Client Sample ID: 1A2_3-4 — Lab Sample ID: 460-336467-36

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Acetone	0.094		0.0067	0.0064	mg/Kg	1	☼	8260D	Total/NA
Methylene Chloride	0.0018	J	0.0022	0.0013	mg/Kg	1	☼	8260D	Total/NA

Client Sample ID: 1A3_4-5 — Lab Sample ID: 460-336467-37

No Detections.

Client Sample ID: 1A1_6-7 — Lab Sample ID: 460-336467-38

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Acetone	0.048		0.0063	0.0060	mg/Kg	1	☼	8260D	Total/NA

Client Sample ID: 1A2_8-9 — Lab Sample ID: 460-336467-39

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Acetone	0.13		0.0070	0.0067	mg/Kg	1	☼	8260D	Total/NA

Client Sample ID: 1A3_10-11 — Lab Sample ID: 460-336467-40

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Acetone	0.20		0.0057	0.0054	mg/Kg	1	☼	8260D	Total/NA

Client Sample ID: 1A1_12-13 — Lab Sample ID: 460-336467-41

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Acetone	0.079		0.0053	0.0050	mg/Kg	1	☼	8260D	Total/NA

Client Sample ID: 1B1_1-2 — Lab Sample ID: 460-336467-42

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Acetone	0.19		0.0085	0.0081	mg/Kg	1	☼	8260D	Total/NA
Toluene	0.00077	J	0.0014	0.00033	mg/Kg	1	☼	8260D	Total/NA

Client Sample ID: 1B2_3-4 — Lab Sample ID: 460-336467-43

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Acetone	0.043		0.0071	0.0068	mg/Kg	1	☼	8260D	Total/NA

Client Sample ID: 1B3_4-5 — Lab Sample ID: 460-336467-44

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Methylene Chloride	0.0013	J	0.0023	0.0013	mg/Kg	1	☼	8260D	Total/NA

Client Sample ID: 1B1_6-7 — Lab Sample ID: 460-336467-45

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Acetone	0.096		0.0085	0.0081	mg/Kg	1	☼	8260D	Total/NA

This Detection Summary does not include radiochemical test results.

Detection Summary

Client: Haley & Aldrich, Inc.
Project/Site: Former Port Mobil

Job ID: 460-336467-1

Client Sample ID: 1B2_8-9 — Lab Sample ID: 460-336467-46

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Acetone	0.020		0.0061	0.0058	mg/Kg	1	☼	8260D	Total/NA
Toluene	0.00045	J	0.0010	0.00024	mg/Kg	1	☼	8260D	Total/NA

Client Sample ID: 1B3_9-10 — Lab Sample ID: 460-336467-47

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Acetone	0.018		0.0057	0.0055	mg/Kg	1	☼	8260D	Total/NA

Client Sample ID: 1B1_10-11 — Lab Sample ID: 460-336467-48

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Acetone	0.063		0.0066	0.0063	mg/Kg	1	☼	8260D	Total/NA
Toluene	0.0013		0.0011	0.00026	mg/Kg	1	☼	8260D	Total/NA

Client Sample ID: 1C1_2-3 — Lab Sample ID: 460-336467-49

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Acetone	0.12		0.0079	0.0075	mg/Kg	1	☼	8260D	Total/NA
Toluene	0.00058	J	0.0013	0.00031	mg/Kg	1	☼	8260D	Total/NA

Client Sample ID: 1C2_3-4 — Lab Sample ID: 460-336467-50

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Acetone	0.022		0.0055	0.0052	mg/Kg	1	☼	8260D	Total/NA
Toluene	0.00052	J	0.00091	0.00021	mg/Kg	1	☼	8260D	Total/NA

Client Sample ID: 1C3_5-6 — Lab Sample ID: 460-336467-51

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
2-Butanone (MEK)	0.0055	J	0.012	0.00087	mg/Kg	1	☼	8260D	Total/NA
Acetone	0.31		0.014	0.013	mg/Kg	1	☼	8260D	Total/NA
Toluene	0.0011	J	0.0024	0.00055	mg/Kg	1	☼	8260D	Total/NA

Client Sample ID: 1C1_6-7 — Lab Sample ID: 460-336467-52

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Acetone	0.096		0.0051	0.0049	mg/Kg	1	☼	8260D	Total/NA

Client Sample ID: 1C2_8-9 — Lab Sample ID: 460-336467-53

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Acetone	0.11		0.0075	0.0071	mg/Kg	1	☼	8260D	Total/NA
Toluene	0.00060	J	0.0012	0.00029	mg/Kg	1	☼	8260D	Total/NA

Client Sample ID: 1C3_10-11 — Lab Sample ID: 460-336467-54

No Detections.

Client Sample ID: 1C1_11-12 — Lab Sample ID: 460-336467-55

No Detections.

Client Sample ID: 1D1_1-2 — Lab Sample ID: 460-336467-56

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Acetone	0.012		0.0059	0.0056	mg/Kg	1	☼	8260D	Total/NA

This Detection Summary does not include radiochemical test results.

Client Sample ID: 1D1_1-2 (Continued) — Lab Sample ID: 460-336467-56

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Toluene	0.00044	J	0.00098	0.00023	mg/Kg	1	☼	8260D	Total/NA

Client Sample ID: 1D2_2-3 — Lab Sample ID: 460-336467-57

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Acetone	0.053		0.0085	0.0081	mg/Kg	1	☼	8260D	Total/NA
Toluene	0.00086	J	0.0014	0.00033	mg/Kg	1	☼	8260D	Total/NA

Client Sample ID: 1D3_4-5 — Lab Sample ID: 460-336467-58

No Detections.

Client Sample ID: 1D1_6-7 — Lab Sample ID: 460-336467-59

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Toluene	0.00088	J	0.0011	0.00027	mg/Kg	1	☼	8260D	Total/NA

Client Sample ID: 1D2_7-8 — Lab Sample ID: 460-336467-60

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Acetone	0.029		0.0059	0.0056	mg/Kg	1	☼	8260D	Total/NA
Toluene	0.00095	J	0.00098	0.00023	mg/Kg	1	☼	8260D	Total/NA

Client Sample ID: 1D3_9-10 — Lab Sample ID: 460-336467-61

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Acetone	0.036		0.0061	0.0058	mg/Kg	1	☼	8260D	Total/NA
Toluene	0.00068	J	0.0010	0.00024	mg/Kg	1	☼	8260D	Total/NA

Client Sample ID: 1D1_13-14 — Lab Sample ID: 460-336467-62

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Acetone	0.036		0.0062	0.0059	mg/Kg	1	☼	8260D	Total/NA
Toluene	0.00061	J	0.0010	0.00024	mg/Kg	1	☼	8260D	Total/NA

Client Sample ID: 1E1_1-2 — Lab Sample ID: 460-336467-63

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Acetone	0.0060	J	0.0063	0.0060	mg/Kg	1	☼	8260D	Total/NA

Client Sample ID: 1E2_3-4 — Lab Sample ID: 460-336467-64

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Acetone	0.097		0.011	0.010	mg/Kg	1	☼	8260D	Total/NA

Client Sample ID: 1E3_4-5 — Lab Sample ID: 460-336467-65

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Acetone	0.11		0.0065	0.0062	mg/Kg	1	☼	8260D	Total/NA

Client Sample ID: 1E1_6-7 — Lab Sample ID: 460-336467-66

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Acetone	0.017		0.0054	0.0051	mg/Kg	1	☼	8260D	Total/NA

This Detection Summary does not include radiochemical test results.

Detection Summary

Client: Haley & Aldrich, Inc.
Project/Site: Former Port Mobil

Job ID: 460-336467-1

Client Sample ID: 1E2_8-9 — Lab Sample ID: 460-336467-67

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Acetone	0.099		0.0082	0.0079	mg/Kg	1	☼	8260D	Total/NA

Client Sample ID: 1E3_10-11 — Lab Sample ID: 460-336467-68

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Acetone	0.078		0.0055	0.0052	mg/Kg	1	☼	8260D	Total/NA
Toluene	0.00040	J	0.00091	0.00021	mg/Kg	1	☼	8260D	Total/NA

Client Sample ID: 1E2_13-14 — Lab Sample ID: 460-336467-69

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Acetone	0.11		0.011	0.011	mg/Kg	1	☼	8260D	Total/NA
Toluene	0.00072	J	0.0019	0.00045	mg/Kg	1	☼	8260D	Total/NA

Client Sample ID: 1F1_2-3 — Lab Sample ID: 460-336467-70

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Acetone	0.059		0.0063	0.0060	mg/Kg	1	☼	8260D	Total/NA

Client Sample ID: 1F2_4-5 — Lab Sample ID: 460-336467-71

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Acetone	0.37		0.0089	0.0085	mg/Kg	1	☼	8260D	Total/NA

Client Sample ID: 1F3_5-6 — Lab Sample ID: 460-336467-72

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Acetone	0.30		0.0066	0.0063	mg/Kg	1	☼	8260D	Total/NA

Client Sample ID: 1F1_7-8 — Lab Sample ID: 460-336467-73

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Acetone	0.10		0.0078	0.0074	mg/Kg	1	☼	8260D	Total/NA

Client Sample ID: 1F2_8-9 — Lab Sample ID: 460-336467-74

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Acetone	0.076		0.0078	0.0074	mg/Kg	1	☼	8260D	Total/NA

Client Sample ID: 1F3_10-11 — Lab Sample ID: 460-336467-75

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Acetone	0.048		0.010	0.0096	mg/Kg	1	☼	8260D	Total/NA

Client Sample ID: 1F1_12-13 — Lab Sample ID: 460-336467-76

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Acetone	0.031		0.0073	0.0069	mg/Kg	1	☼	8260D	Total/NA
Methylene Chloride	0.0018	J	0.0024	0.0014	mg/Kg	1	☼	8260D	Total/NA

Client Sample ID: 1G1_1-2 — Lab Sample ID: 460-336467-77

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Acetone	0.029		0.0073	0.0070	mg/Kg	1	☼	8260D	Total/NA

This Detection Summary does not include radiochemical test results.

Detection Summary

Client: Haley & Aldrich, Inc.
Project/Site: Former Port Mobil

Job ID: 460-336467-1

Client Sample ID: 1G2_2-3 — Lab Sample ID: 460-336467-78

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Acetone	0.17		0.0068	0.0065	mg/Kg	1	☼	8260D	Total/NA

Client Sample ID: 1G3_4-5 — Lab Sample ID: 460-336467-79

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Acetone	0.082		0.0055	0.0052	mg/Kg	1	☼	8260D	Total/NA

Client Sample ID: 1G1_5-6 — Lab Sample ID: 460-336467-80

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Acetone	0.10		0.0085	0.0081	mg/Kg	1	☼	8260D	Total/NA

Client Sample ID: 1G2_8-9 — Lab Sample ID: 460-336467-81

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Acetone	0.14		0.0063	0.0060	mg/Kg	1	☼	8260D	Total/NA

Client Sample ID: 1G3_9-10 — Lab Sample ID: 460-336467-82

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Acetone	0.034		0.0065	0.0062	mg/Kg	1	☼	8260D	Total/NA

Client Sample ID: 1G2_12-13 — Lab Sample ID: 460-336467-83

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Acetone	0.027		0.0071	0.0068	mg/Kg	1	☼	8260D	Total/NA

Client Sample ID: 1H1_1-2 — Lab Sample ID: 460-336467-84

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Acetone	0.11		0.0066	0.0062	mg/Kg	1	☼	8260D	Total/NA

Client Sample ID: 1H2_3-4 — Lab Sample ID: 460-336467-85

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Acetone	0.049		0.0061	0.0058	mg/Kg	1	☼	8260D	Total/NA

Client Sample ID: 1H3_4-5 — Lab Sample ID: 460-336467-86

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Acetone	0.014		0.0073	0.0070	mg/Kg	1	☼	8260D	Total/NA

Client Sample ID: 1H1_6-7 — Lab Sample ID: 460-336467-87

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Acetone	0.024		0.0060	0.0057	mg/Kg	1	☼	8260D	Total/NA

Client Sample ID: 1H2_8-9 — Lab Sample ID: 460-336467-88

No Detections.

Client Sample ID: 1H3_9-10 — Lab Sample ID: 460-336467-89

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Methylene Chloride	0.0027		0.0021	0.0012	mg/Kg	1	☼	8260D	Total/NA

This Detection Summary does not include radiochemical test results.

Detection Summary

Client: Haley & Aldrich, Inc.
Project/Site: Former Port Mobil

Job ID: 460-336467-1

Client Sample ID: 1H1_11-12

Lab Sample ID: 460-336467-90

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Acetone	0.083		0.0073	0.0069	mg/Kg	1	☼	8260D	Total/NA
Toluene	0.00050	J	0.0012	0.00028	mg/Kg	1	☼	8260D	Total/NA

This Detection Summary does not include radiochemical test results.

Client: Haley & Aldrich, Inc.
Project/Site: Former Port Mobil

Job ID: 460-336467-1

Client Sample ID: 2A_0-6
Date Collected: 10/03/25 08:00
Date Received: 10/03/25 16:15

Lab Sample ID: 460-336467-1
Matrix: Solid
Percent Solids: 96.2

Method: SW846 8270E - Semivolatile Organic Compounds (GC/MS)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1'-Biphenyl	0.34	U	0.34	0.012	mg/Kg	☼	10/06/25 21:57	10/07/25 19:50	1
1,2,4,5-Tetrachlorobenzene	0.34	U	0.34	0.011	mg/Kg	☼	10/06/25 21:57	10/07/25 19:50	1
1,4-Dioxane	0.034	U	0.034	0.030	mg/Kg	☼	10/06/25 21:57	10/07/25 19:50	1
2,2'-oxybis[1-chloropropane]	0.34	U	0.34	0.020	mg/Kg	☼	10/06/25 21:57	10/07/25 19:50	1
2,3,4,6-Tetrachlorophenol	0.34	U	0.34	0.023	mg/Kg	☼	10/06/25 21:57	10/07/25 19:50	1
2,4,5-Trichlorophenol	0.34	U	0.34	0.035	mg/Kg	☼	10/06/25 21:57	10/07/25 19:50	1
2,4,6-Trichlorophenol	0.14	U	0.14	0.044	mg/Kg	☼	10/06/25 21:57	10/07/25 19:50	1
2,4-Dichlorophenol	0.14	U	0.14	0.022	mg/Kg	☼	10/06/25 21:57	10/07/25 19:50	1
2,4-Dimethylphenol	0.34	U	0.34	0.041	mg/Kg	☼	10/06/25 21:57	10/07/25 19:50	1
2,4-Dinitrophenol	0.27	U	0.27	0.17	mg/Kg	☼	10/06/25 21:57	10/07/25 19:50	1
2,4-Dinitrotoluene	0.069	U	0.069	0.037	mg/Kg	☼	10/06/25 21:57	10/07/25 19:50	1
2,6-Dinitrotoluene	0.069	U	0.069	0.025	mg/Kg	☼	10/06/25 21:57	10/07/25 19:50	1
2-Chloronaphthalene	0.34	U	0.34	0.044	mg/Kg	☼	10/06/25 21:57	10/07/25 19:50	1
2-Chlorophenol	0.34	U	0.34	0.012	mg/Kg	☼	10/06/25 21:57	10/07/25 19:50	1
2-Methylnaphthalene	0.34	U	0.34	0.0095	mg/Kg	☼	10/06/25 21:57	10/07/25 19:50	1
2-Methylphenol	0.34	U	0.34	0.013	mg/Kg	☼	10/06/25 21:57	10/07/25 19:50	1
2-Nitroaniline	0.34	U	0.34	0.026	mg/Kg	☼	10/06/25 21:57	10/07/25 19:50	1
2-Nitrophenol	0.34	U	0.34	0.034	mg/Kg	☼	10/06/25 21:57	10/07/25 19:50	1
3 & 4 Methylphenol	0.34	U	0.34	0.021	mg/Kg	☼	10/06/25 21:57	10/07/25 19:50	1
3,3'-Dichlorobenzidine	0.14	U	0.14	0.051	mg/Kg	☼	10/06/25 21:57	10/07/25 19:50	1
3-Nitroaniline	0.34	U	0.34	0.081	mg/Kg	☼	10/06/25 21:57	10/07/25 19:50	1
4,6-Dinitro-2-methylphenol	0.27	U	0.27	0.14	mg/Kg	☼	10/06/25 21:57	10/07/25 19:50	1
4-Bromophenyl phenyl ether	0.34	U	0.34	0.013	mg/Kg	☼	10/06/25 21:57	10/07/25 19:50	1
4-Chloro-3-methylphenol	0.34	U	0.34	0.019	mg/Kg	☼	10/06/25 21:57	10/07/25 19:50	1
4-Chloroaniline	0.34	U	0.34	0.060	mg/Kg	☼	10/06/25 21:57	10/07/25 19:50	1
4-Chlorophenyl phenyl ether	0.34	U	0.34	0.012	mg/Kg	☼	10/06/25 21:57	10/07/25 19:50	1
4-Methylphenol	0.34	U	0.34	0.021	mg/Kg	☼	10/06/25 21:57	10/07/25 19:50	1
4-Nitroaniline	0.34	U	0.34	0.086	mg/Kg	☼	10/06/25 21:57	10/07/25 19:50	1
4-Nitrophenol	0.69	U	0.69	0.055	mg/Kg	☼	10/06/25 21:57	10/07/25 19:50	1
Acenaphthene	0.34	U	0.34	0.0097	mg/Kg	☼	10/06/25 21:57	10/07/25 19:50	1
Acenaphthylene	0.34	U	0.34	0.0097	mg/Kg	☼	10/06/25 21:57	10/07/25 19:50	1
Acetophenone	0.34	U	0.34	0.017	mg/Kg	☼	10/06/25 21:57	10/07/25 19:50	1
Anthracene	0.34	U	0.34	0.010	mg/Kg	☼	10/06/25 21:57	10/07/25 19:50	1
Atrazine	0.14	U	0.14	0.020	mg/Kg	☼	10/06/25 21:57	10/07/25 19:50	1
Benzaldehyde	0.34	U	0.34	0.056	mg/Kg	☼	10/06/25 21:57	10/07/25 19:50	1
Benzo[a]anthracene	0.034	U	0.034	0.026	mg/Kg	☼	10/06/25 21:57	10/07/25 19:50	1
Benzo[a]pyrene	0.034	U	0.034	0.0091	mg/Kg	☼	10/06/25 21:57	10/07/25 19:50	1
Benzo[b]fluoranthene	0.034	U	0.034	0.0088	mg/Kg	☼	10/06/25 21:57	10/07/25 19:50	1
Benzo[g,h,i]perylene	0.34	U	0.34	0.010	mg/Kg	☼	10/06/25 21:57	10/07/25 19:50	1
Benzo[k]fluoranthene	0.034	U	0.034	0.0067	mg/Kg	☼	10/06/25 21:57	10/07/25 19:50	1
Bis(2-chloroethoxy)methane	0.34	U	0.34	0.063	mg/Kg	☼	10/06/25 21:57	10/07/25 19:50	1
Bis(2-chloroethyl)ether	0.034	U	0.034	0.012	mg/Kg	☼	10/06/25 21:57	10/07/25 19:50	1
Bis(2-ethylhexyl) phthalate	0.34	U	0.34	0.018	mg/Kg	☼	10/06/25 21:57	10/07/25 19:50	1
Butyl benzyl phthalate	0.34	U	0.34	0.016	mg/Kg	☼	10/06/25 21:57	10/07/25 19:50	1
Caprolactam	0.34	U	0.34	0.053	mg/Kg	☼	10/06/25 21:57	10/07/25 19:50	1
Carbazole	0.34	U	0.34	0.013	mg/Kg	☼	10/06/25 21:57	10/07/25 19:50	1
Chrysene	0.34	U	0.34	0.014	mg/Kg	☼	10/06/25 21:57	10/07/25 19:50	1
Dibenz(a,h)anthracene	0.034	U	0.034	0.015	mg/Kg	☼	10/06/25 21:57	10/07/25 19:50	1
Dibenzofuran	0.34	U	0.34	0.011	mg/Kg	☼	10/06/25 21:57	10/07/25 19:50	1

Client Sample ID: 2A_0-6
Date Collected: 10/03/25 08:00
Date Received: 10/03/25 16:15

Lab Sample ID: 460-336467-1
Matrix: Solid
Percent Solids: 96.2

Method: SW846 8270E - Semivolatile Organic Compounds (GC/MS) (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Diethyl phthalate	0.34	U	0.34	0.011	mg/Kg	☼	10/06/25 21:57	10/07/25 19:50	1
Dimethyl phthalate	0.34	U	0.34	0.077	mg/Kg	☼	10/06/25 21:57	10/07/25 19:50	1
Di-n-butyl phthalate	0.34	U	0.34	0.013	mg/Kg	☼	10/06/25 21:57	10/07/25 19:50	1
Di-n-octyl phthalate	0.34	U	0.34	0.018	mg/Kg	☼	10/06/25 21:57	10/07/25 19:50	1
Fluoranthene	0.34	U	0.34	0.012	mg/Kg	☼	10/06/25 21:57	10/07/25 19:50	1
Fluorene	0.34	U	0.34	0.010	mg/Kg	☼	10/06/25 21:57	10/07/25 19:50	1
Hexachlorobenzene	0.034	U	0.034	0.016	mg/Kg	☼	10/06/25 21:57	10/07/25 19:50	1
Hexachlorobutadiene	0.069	U	0.069	0.0072	mg/Kg	☼	10/06/25 21:57	10/07/25 19:50	1
Hexachlorocyclopentadiene	0.34	U	0.34	0.030	mg/Kg	☼	10/06/25 21:57	10/07/25 19:50	1
Hexachloroethane	0.034	U	0.034	0.012	mg/Kg	☼	10/06/25 21:57	10/07/25 19:50	1
Indeno[1,2,3-cd]pyrene	0.034	U	0.034	0.013	mg/Kg	☼	10/06/25 21:57	10/07/25 19:50	1
Isophorone	0.14	U	0.14	0.098	mg/Kg	☼	10/06/25 21:57	10/07/25 19:50	1
Naphthalene	0.34	U	0.34	0.0059	mg/Kg	☼	10/06/25 21:57	10/07/25 19:50	1
Nitrobenzene	0.034	U	0.034	0.019	mg/Kg	☼	10/06/25 21:57	10/07/25 19:50	1
N-Nitrosodi-n-propylamine	0.034	U	0.034	0.025	mg/Kg	☼	10/06/25 21:57	10/07/25 19:50	1
N-Nitrosodiphenylamine	0.34	U	0.34	0.028	mg/Kg	☼	10/06/25 21:57	10/07/25 19:50	1
Pentachlorophenol	0.27	U	0.27	0.070	mg/Kg	☼	10/06/25 21:57	10/07/25 19:50	1
Phenanthrene	0.34	U	0.34	0.014	mg/Kg	☼	10/06/25 21:57	10/07/25 19:50	1
Phenol	0.34	U	0.34	0.013	mg/Kg	☼	10/06/25 21:57	10/07/25 19:50	1
Pyrene	0.34	U	0.34	0.0085	mg/Kg	☼	10/06/25 21:57	10/07/25 19:50	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
2,4,6-Tribromophenol (Surr)	*58*		*18 - 137*	*10/06/25 21:57*	*10/07/25 19:50*	*1*
2-Fluorobiphenyl	*56*		*33 - 117*	*10/06/25 21:57*	*10/07/25 19:50*	*1*
2-Fluorophenol (Surr)	*53*		*24 - 120*	*10/06/25 21:57*	*10/07/25 19:50*	*1*
Nitrobenzene-d5 (Surr)	*48*		*27 - 120*	*10/06/25 21:57*	*10/07/25 19:50*	*1*
Phenol-d5 (Surr)	*50*		*28 - 118*	*10/06/25 21:57*	*10/07/25 19:50*	*1*
Terphenyl-d14 (Surr)	*57*		*33 - 124*	*10/06/25 21:57*	*10/07/25 19:50*	*1*

Method: SW846 8081B - Organochlorine Pesticides (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
4,4'-DDD	0.0069	U	0.0069	0.0012	mg/Kg	☼	10/06/25 10:37	10/07/25 07:22	1
4,4'-DDE	0.0069	U	0.0069	0.00082	mg/Kg	☼	10/06/25 10:37	10/07/25 07:22	1
4,4'-DDT	0.0069	U	0.0069	0.0013	mg/Kg	☼	10/06/25 10:37	10/07/25 07:22	1
Aldrin	0.0069	U	0.0069	0.0010	mg/Kg	☼	10/06/25 10:37	10/07/25 07:22	1
alpha-BHC	0.0021	U	0.0021	0.00070	mg/Kg	☼	10/06/25 10:37	10/07/25 07:22	1
beta-BHC	0.0021	U	0.0021	0.00078	mg/Kg	☼	10/06/25 10:37	10/07/25 07:22	1
Chlordane (technical)	0.069	U	0.069	0.017	mg/Kg	☼	10/06/25 10:37	10/07/25 07:22	1
cis-Chlordane	0.0069	U	0.0069	0.0011	mg/Kg	☼	10/06/25 10:37	10/07/25 07:22	1
delta-BHC	0.0021	U	0.0021	0.00042	mg/Kg	☼	10/06/25 10:37	10/07/25 07:22	1
Dieldrin	0.0021	U	0.0021	0.00090	mg/Kg	☼	10/06/25 10:37	10/07/25 07:22	1
Endosulfan I	0.0069	U	0.0069	0.0011	mg/Kg	☼	10/06/25 10:37	10/07/25 07:22	1
Endosulfan II	0.0069	U	0.0069	0.0018	mg/Kg	☼	10/06/25 10:37	10/07/25 07:22	1
Endosulfan sulfate	0.0069	U	0.0069	0.00087	mg/Kg	☼	10/06/25 10:37	10/07/25 07:22	1
Endrin	0.0069	U	0.0069	0.00099	mg/Kg	☼	10/06/25 10:37	10/07/25 07:22	1
Endrin aldehyde	0.0069	U	0.0069	0.0016	mg/Kg	☼	10/06/25 10:37	10/07/25 07:22	1
Endrin ketone	0.0069	U	0.0069	0.0013	mg/Kg	☼	10/06/25 10:37	10/07/25 07:22	1
gamma-BHC (Lindane)	0.0021	U	0.0021	0.00064	mg/Kg	☼	10/06/25 10:37	10/07/25 07:22	1
Heptachlor	0.0069	U	0.0069	0.00082	mg/Kg	☼	10/06/25 10:37	10/07/25 07:22	1
Heptachlor epoxide	0.0069	U	0.0069	0.0010	mg/Kg	☼	10/06/25 10:37	10/07/25 07:22	1

Client Sample ID: 2A_0-6
Date Collected: 10/03/25 08:00
Date Received: 10/03/25 16:15

Lab Sample ID: 460-336467-1
Matrix: Solid
Percent Solids: 96.2

Method: SW846 8081B - Organochlorine Pesticides (GC) (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Methoxychlor	0.0069	U	0.0069	0.0016	mg/Kg	☼	10/06/25 10:37	10/07/25 07:22	1
Toxaphene	0.069	U	0.069	0.025	mg/Kg	☼	10/06/25 10:37	10/07/25 07:22	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
DCB Decachlorobiphenyl	*30*		*10 - 150*	*10/06/25 10:37*	*10/07/25 07:22*	*1*
DCB Decachlorobiphenyl	*30*		*10 - 150*	*10/06/25 10:37*	*10/07/25 07:22*	*1*
Tetrachloro-m-xylene	*58*		*14 - 150*	*10/06/25 10:37*	*10/07/25 07:22*	*1*
Tetrachloro-m-xylene	*49*		*14 - 150*	*10/06/25 10:37*	*10/07/25 07:22*	*1*

Method: SW846 8082A - Polychlorinated Biphenyls (PCBs) by Gas Chromatography

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Aroclor 1016	0.069	U	0.069	0.018	mg/Kg	☼	10/06/25 10:33	10/07/25 20:00	1
Aroclor 1221	0.069	U	0.069	0.018	mg/Kg	☼	10/06/25 10:33	10/07/25 20:00	1
Aroclor 1232	0.069	U	0.069	0.018	mg/Kg	☼	10/06/25 10:33	10/07/25 20:00	1
Aroclor 1242	0.069	U	0.069	0.018	mg/Kg	☼	10/06/25 10:33	10/07/25 20:00	1
Aroclor 1248	0.069	U	0.069	0.018	mg/Kg	☼	10/06/25 10:33	10/07/25 20:00	1
Aroclor 1254	0.069	U	0.069	0.018	mg/Kg	☼	10/06/25 10:33	10/07/25 20:00	1
Aroclor 1260	0.069	U	0.069	0.018	mg/Kg	☼	10/06/25 10:33	10/07/25 20:00	1
Aroclor-1262	0.069	U	0.069	0.018	mg/Kg	☼	10/06/25 10:33	10/07/25 20:00	1
Aroclor 1268	0.069	U	0.069	0.018	mg/Kg	☼	10/06/25 10:33	10/07/25 20:00	1
Polychlorinated biphenyls, Total	0.069	U	0.069	0.018	mg/Kg	☼	10/06/25 10:33	10/07/25 20:00	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
DCB Decachlorobiphenyl	*35*		*10 - 150*	*10/06/25 10:33*	*10/07/25 20:00*	*1*
DCB Decachlorobiphenyl	*34*		*10 - 150*	*10/06/25 10:33*	*10/07/25 20:00*	*1*
Tetrachloro-m-xylene	*71*		*10 - 150*	*10/06/25 10:33*	*10/07/25 20:00*	*1*
Tetrachloro-m-xylene	*73*		*10 - 150*	*10/06/25 10:33*	*10/07/25 20:00*	*1*

Method: EPA 1633A - Per- and Polyfluoroalkyl Substances by LC/MS/MS, 1633A

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Perfluorobutanoic acid (PFBA)	0.38	U	0.38	0.095	ug/Kg	☼	10/08/25 14:09	10/09/25 15:36	1
Perfluoropentanoic acid (PFPeA)	0.19	U	0.19	0.095	ug/Kg	☼	10/08/25 14:09	10/09/25 15:36	1
Perfluorohexanoic acid (PFHxA)	0.19	U	0.19	0.095	ug/Kg	☼	10/08/25 14:09	10/09/25 15:36	1
Perfluoroheptanoic acid (PFHpA)	0.19	U	0.19	0.095	ug/Kg	☼	10/08/25 14:09	10/09/25 15:36	1
Perfluorooctanoic acid (PFOA)	**0.063**	**J**	0.19	0.057	ug/Kg	☼	10/08/25 14:09	10/09/25 15:36	1
Perfluorononanoic acid (PFNA)	**0.19**		0.19	0.095	ug/Kg	☼	10/08/25 14:09	10/09/25 15:36	1
Perfluorodecanoic acid (PFDA)	0.19	U	0.19	0.057	ug/Kg	☼	10/08/25 14:09	10/09/25 15:36	1
Perfluoroundecanoic acid (PFUnA)	**0.28**		0.19	0.095	ug/Kg	☼	10/08/25 14:09	10/09/25 15:36	1
Perfluorododecanoic acid (PFDoA)	0.19	U	0.19	0.095	ug/Kg	☼	10/08/25 14:09	10/09/25 15:36	1
Perfluorotridecanoic acid (PFTrDA)	**0.59**		0.19	0.095	ug/Kg	☼	10/08/25 14:09	10/09/25 15:36	1
Perfluorotetradecanoic acid (PFTeDA)	0.19	U	0.19	0.095	ug/Kg	☼	10/08/25 14:09	10/09/25 15:36	1
Perfluorobutanesulfonic acid (PFBS)	0.19	U	0.19	0.095	ug/Kg	☼	10/08/25 14:09	10/09/25 15:36	1
Perfluoropentanesulfonic acid (PFPeS)	0.19	U	0.19	0.095	ug/Kg	☼	10/08/25 14:09	10/09/25 15:36	1
Perfluorohexanesulfonic acid (PFHxS)	0.19	U	0.19	0.095	ug/Kg	☼	10/08/25 14:09	10/09/25 15:36	1
Perfluoroheptanesulfonic acid (PFHpS)	0.19	U	0.19	0.095	ug/Kg	☼	10/08/25 14:09	10/09/25 15:36	1
Perfluorooctanesulfonic acid (PFOS)	0.19	U	0.19	0.095	ug/Kg	☼	10/08/25 14:09	10/09/25 15:36	1
Perfluorononanesulfonic acid (PFNS)	0.19	U	0.19	0.095	ug/Kg	☼	10/08/25 14:09	10/09/25 15:36	1

Client Sample ID: 2A_0-6
Date Collected: 10/03/25 08:00
Date Received: 10/03/25 16:15

Lab Sample ID: 460-336467-1
Matrix: Solid
Percent Solids: 96.2

Method: EPA 1633A - Per- and Polyfluoroalkyl Substances by LC/MS/MS, 1633A (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Perfluorodecanesulfonic acid (PFDS)	0.19	U	0.19	0.095	ug/Kg	☼	10/08/25 14:09	10/09/25 15:36	1
Perfluorododecanesulfonic acid (PFDoS)	0.19	U	0.19	0.095	ug/Kg	☼	10/08/25 14:09	10/09/25 15:36	1
1H,1H,2H,2H-Perfluorohexane sulfonic acid (4:2 FTS)	0.38	U	0.38	0.19	ug/Kg	☼	10/08/25 14:09	10/09/25 15:36	1
1H,1H,2H,2H-Perfluorooctane sulfonic acid (6:2 FTS)	0.38	U	0.38	0.19	ug/Kg	☼	10/08/25 14:09	10/09/25 15:36	1
1H,1H,2H,2H-Perfluorodecane sulfonic acid (8:2 FTS)	0.38	U	0.38	0.19	ug/Kg	☼	10/08/25 14:09	10/09/25 15:36	1
Perfluorooctanesulfonamide (PFOSA)	0.19	U	0.19	0.095	ug/Kg	☼	10/08/25 14:09	10/09/25 15:36	1
N-methylperfluorooctane sulfonamide (NMeFOSA)	0.19	U	0.19	0.095	ug/Kg	☼	10/08/25 14:09	10/09/25 15:36	1
N-ethylperfluorooctane sulfonamide (NEtFOSA)	0.19	U	0.19	0.095	ug/Kg	☼	10/08/25 14:09	10/09/25 15:36	1
N-methylperfluorooctanesulfonamidoacetic acid (NMeFOSAA)	0.19	U	0.19	0.095	ug/Kg	☼	10/08/25 14:09	10/09/25 15:36	1
N-ethylperfluorooctanesulfonamidoacetic acid (NEtFOSAA)	0.19	U	0.19	0.095	ug/Kg	☼	10/08/25 14:09	10/09/25 15:36	1
N-methylperfluorooctane sulfonamidoethanol (NMeFOSE)	0.95	U	0.95	0.48	ug/Kg	☼	10/08/25 14:09	10/09/25 15:36	1
N-ethylperfluorooctane sulfonamidoethanol (NEtFOSE)	0.95	U	0.95	0.48	ug/Kg	☼	10/08/25 14:09	10/09/25 15:36	1
Hexafluoropropylene Oxide Dimer Acid (HFPO-DA)	0.19	U	0.19	0.095	ug/Kg	☼	10/08/25 14:09	10/09/25 15:36	1
4,8-Dioxa-3H-perfluorononanoic acid (ADONA)	0.19	U	0.19	0.095	ug/Kg	☼	10/08/25 14:09	10/09/25 15:36	1
Perfluoro-3-methoxypropanoic acid (PFMPA)	0.19	U	0.19	0.095	ug/Kg	☼	10/08/25 14:09	10/09/25 15:36	1
Perfluoro-4-methoxybutanoic acid (PFMBA)	0.19	U	0.19	0.095	ug/Kg	☼	10/08/25 14:09	10/09/25 15:36	1
Nonafluoro-3,6-dioxaheptanoic acid (NFDHA)	0.19	U	0.19	0.095	ug/Kg	☼	10/08/25 14:09	10/09/25 15:36	1
9-Chlorohexadecafluoro-3-oxanonane-1-sulfonic acid (9Cl-PF3ONS)	0.19	U	0.19	0.095	ug/Kg	☼	10/08/25 14:09	10/09/25 15:36	1
11-Chloroeicosafluoro-3-oxaundecane-1-sulfonic acid (11Cl-PF3OUdS)	0.19	U	0.19	0.095	ug/Kg	☼	10/08/25 14:09	10/09/25 15:36	1
Perfluoro (2-ethoxyethane) sulfonic acid (PFEESA)	0.19	U	0.19	0.095	ug/Kg	☼	10/08/25 14:09	10/09/25 15:36	1
3-Perfluoropropylpropanoic acid (3:3 FTCA)	0.38	U	0.38	0.19	ug/Kg	☼	10/08/25 14:09	10/09/25 15:36	1
3-Perfluoropentylpropanoic acid (5:3 FTCA)	0.95	U	0.95	0.48	ug/Kg	☼	10/08/25 14:09	10/09/25 15:36	1
3-Perfluoroheptylpropanoic acid (7:3 FTCA)	0.95	U	0.95	0.48	ug/Kg	☼	10/08/25 14:09	10/09/25 15:36	1

Isotope Dilution	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
13C4 PFBA	*106*		*8 - 130*	*10/08/25 14:09*	*10/09/25 15:36*	*1*
13C5 PFPeA	*92.6*		*35 - 130*	*10/08/25 14:09*	*10/09/25 15:36*	*1*
13C5 PFHxA	*96.4*		*40 - 130*	*10/08/25 14:09*	*10/09/25 15:36*	*1*
13C4 PFHpA	*100*		*40 - 130*	*10/08/25 14:09*	*10/09/25 15:36*	*1*
13C8 PFOA	*97.4*		*40 - 130*	*10/08/25 14:09*	*10/09/25 15:36*	*1*
13C9 PFNA	*96.6*		*40 - 130*	*10/08/25 14:09*	*10/09/25 15:36*	*1*
13C6 PFDA	*86.7*		*40 - 130*	*10/08/25 14:09*	*10/09/25 15:36*	*1*
13C7 PFUnA	*94.4*		*40 - 130*	*10/08/25 14:09*	*10/09/25 15:36*	*1*
13C2 PFTeDA	*66.9*		*20 - 130*	*10/08/25 14:09*	*10/09/25 15:36*	*1*

Client Sample ID: 2A_0-6

Date Collected: 10/03/25 08:00
Date Received: 10/03/25 16:15

Lab Sample ID: 460-336467-1

Matrix: Solid
Percent Solids: 96.2

Method: EPA 1633A - Per- and Polyfluoroalkyl Substances by LC/MS/MS, 1633A (Continued)

Isotope Dilution	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
13C3 PFBS	104		40 - 135	10/08/25 14:09	10/09/25 15:36	1
13C3 PFHxS	93.3		40 - 130	10/08/25 14:09	10/09/25 15:36	1
13C8 PFOS	84.5		40 - 130	10/08/25 14:09	10/09/25 15:36	1
13C8 FOSA	74.7		40 - 130	10/08/25 14:09	10/09/25 15:36	1
d3-NMeFOSAA	68.1		40 - 135	10/08/25 14:09	10/09/25 15:36	1
d5-NEtFOSAA	99.2		40 - 150	10/08/25 14:09	10/09/25 15:36	1
13C2 4:2 FTS	100		40 - 165	10/08/25 14:09	10/09/25 15:36	1
13C2 6:2 FTS	91.7		40 - 215	10/08/25 14:09	10/09/25 15:36	1
13C2 8:2 FTS	78.9		40 - 275	10/08/25 14:09	10/09/25 15:36	1
13C3 HFPO-DA	102		40 - 130	10/08/25 14:09	10/09/25 15:36	1
d7-N-MeFOSE-M	63.5		20 - 130	10/08/25 14:09	10/09/25 15:36	1
d9-N-EtFOSE-M	50.3		15 - 130	10/08/25 14:09	10/09/25 15:36	1
d5-NEtPFOSA	60.2		10 - 130	10/08/25 14:09	10/09/25 15:36	1
d3-NMePFOSA	70.8		10 - 130	10/08/25 14:09	10/09/25 15:36	1
13C2 PFDoA	94.0		40 - 130	10/08/25 14:09	10/09/25 15:36	1

Method: SW846 6020B - Metals (ICP/MS)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Aluminum	4480		18.6	5.1	mg/Kg	☼	10/09/25 07:08	10/09/25 16:52	1
Antimony	0.83	J	0.93	0.14	mg/Kg	☼	10/09/25 07:08	10/09/25 16:52	1
Arsenic	8.0		0.93	0.096	mg/Kg	☼	10/09/25 07:08	10/09/25 16:52	1
Barium	32.7		1.9	0.13	mg/Kg	☼	10/09/25 07:08	10/09/25 16:52	1
Beryllium	0.39		0.37	0.020	mg/Kg	☼	10/09/25 07:08	10/09/25 16:52	1
Cadmium	0.24	J	0.93	0.10	mg/Kg	☼	10/09/25 07:08	10/09/25 16:52	1
Calcium	2290		92.8	9.0	mg/Kg	☼	10/09/25 07:08	10/09/25 16:52	1
Chromium	10.6		1.9	0.28	mg/Kg	☼	10/09/25 07:08	10/09/25 16:52	1
Cobalt	4.5		0.93	0.14	mg/Kg	☼	10/09/25 07:08	10/09/25 16:52	1
Copper	38.2		1.9	0.34	mg/Kg	☼	10/09/25 07:08	10/09/25 16:52	1
Iron	13600		55.7	7.1	mg/Kg	☼	10/09/25 07:08	10/09/25 16:52	1
Lead	39.7		0.56	0.19	mg/Kg	☼	10/09/25 07:08	10/09/25 16:52	1
Magnesium	2340		92.8	9.5	mg/Kg	☼	10/09/25 07:08	10/09/25 16:52	1
Manganese	187		3.7	0.37	mg/Kg	☼	10/09/25 07:08	10/09/25 16:52	1
Nickel	8.9		1.9	0.16	mg/Kg	☼	10/09/25 07:08	10/09/25 16:52	1
Potassium	607		92.8	15.0	mg/Kg	☼	10/09/25 07:08	10/09/25 16:52	1
Selenium	0.21	J	1.2	0.12	mg/Kg	☼	10/09/25 07:08	10/09/25 16:52	1
Silver	0.22	J	0.37	0.083	mg/Kg	☼	10/09/25 07:08	10/09/25 16:52	1
Sodium	52.5	J	92.8	42.4	mg/Kg	☼	10/09/25 07:08	10/09/25 16:52	1
Thallium	0.059	J	0.37	0.038	mg/Kg	☼	10/09/25 07:08	10/09/25 16:52	1
Vanadium	18.6		1.9	0.19	mg/Kg	☼	10/09/25 07:08	10/09/25 16:52	1
Zinc	49.5		7.4	1.0	mg/Kg	☼	10/09/25 07:08	10/09/25 16:52	1

Method: SW846 7471B - Mercury (CVAA)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	0.036		0.017	0.0080	mg/Kg	☼	10/13/25 07:47	10/13/25 14:48	1

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Percent Moisture (EPA Moisture)	3.8		1.0	1.0	%			10/07/25 16:17	1
Percent Solids (EPA Moisture)	96.2		1.0	1.0	%			10/07/25 16:17	1

Client: Haley & Aldrich, Inc.
Project/Site: Former Port Mobil

Job ID: 460-336467-1

Client Sample ID: 2A_6-12
Date Collected: 10/03/25 08:05
Date Received: 10/03/25 16:15

Lab Sample ID: 460-336467-2
Matrix: Solid
Percent Solids: 95.0

Method: SW846 8270E - Semivolatile Organic Compounds (GC/MS)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1'-Biphenyl	0.35	U	0.35	0.012	mg/Kg	☼	10/06/25 21:57	10/07/25 19:27	1
1,2,4,5-Tetrachlorobenzene	0.35	U	0.35	0.011	mg/Kg	☼	10/06/25 21:57	10/07/25 19:27	1
1,4-Dioxane	0.035	U	0.035	0.030	mg/Kg	☼	10/06/25 21:57	10/07/25 19:27	1
2,2'-oxybis[1-chloropropane]	0.35	U	0.35	0.021	mg/Kg	☼	10/06/25 21:57	10/07/25 19:27	1
2,3,4,6-Tetrachlorophenol	0.35	U	0.35	0.024	mg/Kg	☼	10/06/25 21:57	10/07/25 19:27	1
2,4,5-Trichlorophenol	0.35	U	0.35	0.035	mg/Kg	☼	10/06/25 21:57	10/07/25 19:27	1
2,4,6-Trichlorophenol	0.14	U	0.14	0.045	mg/Kg	☼	10/06/25 21:57	10/07/25 19:27	1
2,4-Dichlorophenol	0.14	U	0.14	0.022	mg/Kg	☼	10/06/25 21:57	10/07/25 19:27	1
2,4-Dimethylphenol	0.35	U	0.35	0.041	mg/Kg	☼	10/06/25 21:57	10/07/25 19:27	1
2,4-Dinitrophenol	0.28	U	0.28	0.17	mg/Kg	☼	10/06/25 21:57	10/07/25 19:27	1
2,4-Dinitrotoluene	0.070	U	0.070	0.037	mg/Kg	☼	10/06/25 21:57	10/07/25 19:27	1
2,6-Dinitrotoluene	0.070	U	0.070	0.025	mg/Kg	☼	10/06/25 21:57	10/07/25 19:27	1
2-Chloronaphthalene	0.35	U	0.35	0.045	mg/Kg	☼	10/06/25 21:57	10/07/25 19:27	1
2-Chlorophenol	0.35	U	0.35	0.012	mg/Kg	☼	10/06/25 21:57	10/07/25 19:27	1
2-Methylnaphthalene	0.35	U	0.35	0.0097	mg/Kg	☼	10/06/25 21:57	10/07/25 19:27	1
2-Methylphenol	0.35	U	0.35	0.013	mg/Kg	☼	10/06/25 21:57	10/07/25 19:27	1
2-Nitroaniline	0.35	U	0.35	0.027	mg/Kg	☼	10/06/25 21:57	10/07/25 19:27	1
2-Nitrophenol	0.35	U	0.35	0.035	mg/Kg	☼	10/06/25 21:57	10/07/25 19:27	1
3 & 4 Methylphenol	0.35	U	0.35	0.022	mg/Kg	☼	10/06/25 21:57	10/07/25 19:27	1
3,3'-Dichlorobenzidine	0.14	U	0.14	0.053	mg/Kg	☼	10/06/25 21:57	10/07/25 19:27	1
3-Nitroaniline	0.35	U	0.35	0.083	mg/Kg	☼	10/06/25 21:57	10/07/25 19:27	1
4,6-Dinitro-2-methylphenol	0.28	U	0.28	0.14	mg/Kg	☼	10/06/25 21:57	10/07/25 19:27	1
4-Bromophenyl phenyl ether	0.35	U	0.35	0.014	mg/Kg	☼	10/06/25 21:57	10/07/25 19:27	1
4-Chloro-3-methylphenol	0.35	U	0.35	0.020	mg/Kg	☼	10/06/25 21:57	10/07/25 19:27	1
4-Chloroaniline	0.35	U	0.35	0.062	mg/Kg	☼	10/06/25 21:57	10/07/25 19:27	1
4-Chlorophenyl phenyl ether	0.35	U	0.35	0.012	mg/Kg	☼	10/06/25 21:57	10/07/25 19:27	1
4-Methylphenol	0.35	U	0.35	0.022	mg/Kg	☼	10/06/25 21:57	10/07/25 19:27	1
4-Nitroaniline	0.35	U	0.35	0.088	mg/Kg	☼	10/06/25 21:57	10/07/25 19:27	1
4-Nitrophenol	0.70	U	0.70	0.057	mg/Kg	☼	10/06/25 21:57	10/07/25 19:27	1
Acenaphthene	0.35	U	0.35	0.0099	mg/Kg	☼	10/06/25 21:57	10/07/25 19:27	1
Acenaphthylene	0.35	U	0.35	0.0099	mg/Kg	☼	10/06/25 21:57	10/07/25 19:27	1
Acetophenone	0.35	U	0.35	0.017	mg/Kg	☼	10/06/25 21:57	10/07/25 19:27	1
Anthracene	0.35	U	0.35	0.011	mg/Kg	☼	10/06/25 21:57	10/07/25 19:27	1
Atrazine	0.14	U	0.14	0.020	mg/Kg	☼	10/06/25 21:57	10/07/25 19:27	1
Benzaldehyde	0.35	U	0.35	0.057	mg/Kg	☼	10/06/25 21:57	10/07/25 19:27	1
Benzo[a]anthracene	0.035	U	0.035	0.026	mg/Kg	☼	10/06/25 21:57	10/07/25 19:27	1
Benzo[a]pyrene	0.035	U	0.035	0.0093	mg/Kg	☼	10/06/25 21:57	10/07/25 19:27	1
Benzo[b]fluoranthene	0.035	U	0.035	0.0090	mg/Kg	☼	10/06/25 21:57	10/07/25 19:27	1
Benzo[g,h,i]perylene	0.35	U	0.35	0.010	mg/Kg	☼	10/06/25 21:57	10/07/25 19:27	1
Benzo[k]fluoranthene	0.035	U	0.035	0.0068	mg/Kg	☼	10/06/25 21:57	10/07/25 19:27	1
Bis(2-chloroethoxy)methane	0.35	U	0.35	0.064	mg/Kg	☼	10/06/25 21:57	10/07/25 19:27	1
Bis(2-chloroethyl)ether	0.035	U	0.035	0.012	mg/Kg	☼	10/06/25 21:57	10/07/25 19:27	1
Bis(2-ethylhexyl) phthalate	0.35	U	0.35	0.018	mg/Kg	☼	10/06/25 21:57	10/07/25 19:27	1
Butyl benzyl phthalate	0.35	U	0.35	0.016	mg/Kg	☼	10/06/25 21:57	10/07/25 19:27	1
Caprolactam	0.35	U	0.35	0.054	mg/Kg	☼	10/06/25 21:57	10/07/25 19:27	1
Carbazole	0.35	U	0.35	0.013	mg/Kg	☼	10/06/25 21:57	10/07/25 19:27	1
Chrysene	0.35	U	0.35	0.015	mg/Kg	☼	10/06/25 21:57	10/07/25 19:27	1
Dibenz(a,h)anthracene	0.035	U	0.035	0.015	mg/Kg	☼	10/06/25 21:57	10/07/25 19:27	1
Dibenzofuran	0.35	U	0.35	0.012	mg/Kg	☼	10/06/25 21:57	10/07/25 19:27	1

Client Sample ID: 2A_6-12
Date Collected: 10/03/25 08:05
Date Received: 10/03/25 16:15

Lab Sample ID: 460-336467-2
Matrix: Solid
Percent Solids: 95.0

Method: SW846 8270E - Semivolatile Organic Compounds (GC/MS) (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Diethyl phthalate	0.35	U	0.35	0.011	mg/Kg	☼	10/06/25 21:57	10/07/25 19:27	1
Dimethyl phthalate	0.35	U	0.35	0.079	mg/Kg	☼	10/06/25 21:57	10/07/25 19:27	1
Di-n-butyl phthalate	0.35	U	0.35	0.013	mg/Kg	☼	10/06/25 21:57	10/07/25 19:27	1
Di-n-octyl phthalate	0.35	U	0.35	0.018	mg/Kg	☼	10/06/25 21:57	10/07/25 19:27	1
Fluoranthene	0.35	U	0.35	0.012	mg/Kg	☼	10/06/25 21:57	10/07/25 19:27	1
Fluorene	0.35	U	0.35	0.010	mg/Kg	☼	10/06/25 21:57	10/07/25 19:27	1
Hexachlorobenzene	0.035	U	0.035	0.017	mg/Kg	☼	10/06/25 21:57	10/07/25 19:27	1
Hexachlorobutadiene	0.070	U	0.070	0.0074	mg/Kg	☼	10/06/25 21:57	10/07/25 19:27	1
Hexachlorocyclopentadiene	0.35	U	0.35	0.031	mg/Kg	☼	10/06/25 21:57	10/07/25 19:27	1
Hexachloroethane	0.035	U	0.035	0.012	mg/Kg	☼	10/06/25 21:57	10/07/25 19:27	1
Indeno[1,2,3-cd]pyrene	0.035	U	0.035	0.014	mg/Kg	☼	10/06/25 21:57	10/07/25 19:27	1
Isophorone	0.14	U	0.14	0.10	mg/Kg	☼	10/06/25 21:57	10/07/25 19:27	1
Naphthalene	0.35	U	0.35	0.0060	mg/Kg	☼	10/06/25 21:57	10/07/25 19:27	1
Nitrobenzene	0.035	U	0.035	0.019	mg/Kg	☼	10/06/25 21:57	10/07/25 19:27	1
N-Nitrosodi-n-propylamine	0.035	U	0.035	0.025	mg/Kg	☼	10/06/25 21:57	10/07/25 19:27	1
N-Nitrosodiphenylamine	0.35	U	0.35	0.029	mg/Kg	☼	10/06/25 21:57	10/07/25 19:27	1
Pentachlorophenol	0.28	U	0.28	0.071	mg/Kg	☼	10/06/25 21:57	10/07/25 19:27	1
Phenanthrene	0.35	U	0.35	0.014	mg/Kg	☼	10/06/25 21:57	10/07/25 19:27	1
Phenol	0.35	U	0.35	0.013	mg/Kg	☼	10/06/25 21:57	10/07/25 19:27	1
Pyrene	0.35	U	0.35	0.0086	mg/Kg	☼	10/06/25 21:57	10/07/25 19:27	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
2,4,6-Tribromophenol (Surr)	*63*		*18 - 137*	*10/06/25 21:57*	*10/07/25 19:27*	*1*
2-Fluorobiphenyl	*61*		*33 - 117*	*10/06/25 21:57*	*10/07/25 19:27*	*1*
2-Fluorophenol (Surr)	*59*		*24 - 120*	*10/06/25 21:57*	*10/07/25 19:27*	*1*
Nitrobenzene-d5 (Surr)	*53*		*27 - 120*	*10/06/25 21:57*	*10/07/25 19:27*	*1*
Phenol-d5 (Surr)	*56*		*28 - 118*	*10/06/25 21:57*	*10/07/25 19:27*	*1*
Terphenyl-d14 (Surr)	*63*		*33 - 124*	*10/06/25 21:57*	*10/07/25 19:27*	*1*

Method: SW846 8081B - Organochlorine Pesticides (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
4,4'-DDD	0.0070	U	0.0070	0.0012	mg/Kg	☼	10/06/25 10:37	10/07/25 08:02	1
4,4'-DDE	0.0070	U	0.0070	0.00083	mg/Kg	☼	10/06/25 10:37	10/07/25 08:02	1
4,4'-DDT	0.0070	U	0.0070	0.0013	mg/Kg	☼	10/06/25 10:37	10/07/25 08:02	1
Aldrin	0.0070	U	0.0070	0.0011	mg/Kg	☼	10/06/25 10:37	10/07/25 08:02	1
alpha-BHC	0.0021	U	0.0021	0.00071	mg/Kg	☼	10/06/25 10:37	10/07/25 08:02	1
beta-BHC	0.0021	U	0.0021	0.00078	mg/Kg	☼	10/06/25 10:37	10/07/25 08:02	1
Chlordane (technical)	0.070	U	0.070	0.017	mg/Kg	☼	10/06/25 10:37	10/07/25 08:02	1
cis-Chlordane	0.0070	U	0.0070	0.0011	mg/Kg	☼	10/06/25 10:37	10/07/25 08:02	1
delta-BHC	0.0021	U	0.0021	0.00043	mg/Kg	☼	10/06/25 10:37	10/07/25 08:02	1
Dieldrin	0.0021	U	0.0021	0.00091	mg/Kg	☼	10/06/25 10:37	10/07/25 08:02	1
Endosulfan I	0.0070	U	0.0070	0.0011	mg/Kg	☼	10/06/25 10:37	10/07/25 08:02	1
Endosulfan II	0.0070	U	0.0070	0.0018	mg/Kg	☼	10/06/25 10:37	10/07/25 08:02	1
Endosulfan sulfate	0.0070	U	0.0070	0.00088	mg/Kg	☼	10/06/25 10:37	10/07/25 08:02	1
Endrin	0.0070	U	0.0070	0.0010	mg/Kg	☼	10/06/25 10:37	10/07/25 08:02	1
Endrin aldehyde	0.0070	U	0.0070	0.0017	mg/Kg	☼	10/06/25 10:37	10/07/25 08:02	1
Endrin ketone	0.0070	U	0.0070	0.0014	mg/Kg	☼	10/06/25 10:37	10/07/25 08:02	1
gamma-BHC (Lindane)	0.0021	U	0.0021	0.00065	mg/Kg	☼	10/06/25 10:37	10/07/25 08:02	1
Heptachlor	0.0070	U	0.0070	0.00083	mg/Kg	☼	10/06/25 10:37	10/07/25 08:02	1
Heptachlor epoxide	0.0070	U	0.0070	0.0010	mg/Kg	☼	10/06/25 10:37	10/07/25 08:02	1

Client Sample ID: 2A_6-12
Date Collected: 10/03/25 08:05
Date Received: 10/03/25 16:15

Lab Sample ID: 460-336467-2
Matrix: Solid
Percent Solids: 95.0

Method: SW846 8081B - Organochlorine Pesticides (GC) (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Methoxychlor	0.0070	U	0.0070	0.0016	mg/Kg	☼	10/06/25 10:37	10/07/25 08:02	1
Toxaphene	0.070	U	0.070	0.025	mg/Kg	☼	10/06/25 10:37	10/07/25 08:02	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
DCB Decachlorobiphenyl	*73*		*10 - 150*	*10/06/25 10:37*	*10/07/25 08:02*	*1*
DCB Decachlorobiphenyl	*50*		*10 - 150*	*10/06/25 10:37*	*10/07/25 08:02*	*1*
Tetrachloro-m-xylene	*77*		*14 - 150*	*10/06/25 10:37*	*10/07/25 08:02*	*1*
Tetrachloro-m-xylene	*70*		*14 - 150*	*10/06/25 10:37*	*10/07/25 08:02*	*1*

Method: SW846 8082A - Polychlorinated Biphenyls (PCBs) by Gas Chromatography

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Aroclor 1016	0.070	U	0.070	0.019	mg/Kg	☼	10/06/25 10:33	10/07/25 20:16	1
Aroclor 1221	0.070	U	0.070	0.019	mg/Kg	☼	10/06/25 10:33	10/07/25 20:16	1
Aroclor 1232	0.070	U	0.070	0.019	mg/Kg	☼	10/06/25 10:33	10/07/25 20:16	1
Aroclor 1242	0.070	U	0.070	0.019	mg/Kg	☼	10/06/25 10:33	10/07/25 20:16	1
Aroclor 1248	0.070	U	0.070	0.019	mg/Kg	☼	10/06/25 10:33	10/07/25 20:16	1
Aroclor 1254	0.070	U	0.070	0.019	mg/Kg	☼	10/06/25 10:33	10/07/25 20:16	1
Aroclor 1260	0.070	U	0.070	0.019	mg/Kg	☼	10/06/25 10:33	10/07/25 20:16	1
Aroclor-1262	0.070	U	0.070	0.019	mg/Kg	☼	10/06/25 10:33	10/07/25 20:16	1
Aroclor 1268	0.070	U	0.070	0.019	mg/Kg	☼	10/06/25 10:33	10/07/25 20:16	1
Polychlorinated biphenyls, Total	0.070	U	0.070	0.019	mg/Kg	☼	10/06/25 10:33	10/07/25 20:16	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
DCB Decachlorobiphenyl	*71*		*10 - 150*	*10/06/25 10:33*	*10/07/25 20:16*	*1*
DCB Decachlorobiphenyl	*68*		*10 - 150*	*10/06/25 10:33*	*10/07/25 20:16*	*1*
Tetrachloro-m-xylene	*127*		*10 - 150*	*10/06/25 10:33*	*10/07/25 20:16*	*1*
Tetrachloro-m-xylene	*135*		*10 - 150*	*10/06/25 10:33*	*10/07/25 20:16*	*1*

Method: EPA 1633A - Per- and Polyfluoroalkyl Substances by LC/MS/MS, 1633A

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Perfluorobutanoic acid (PFBA)	0.38	U	0.38	0.095	ug/Kg	☼	10/08/25 14:09	10/09/25 15:49	1
Perfluoropentanoic acid (PFPeA)	0.19	U	0.19	0.095	ug/Kg	☼	10/08/25 14:09	10/09/25 15:49	1
Perfluorohexanoic acid (PFHxA)	0.19	U	0.19	0.095	ug/Kg	☼	10/08/25 14:09	10/09/25 15:49	1
Perfluoroheptanoic acid (PFHpA)	0.19	U	0.19	0.095	ug/Kg	☼	10/08/25 14:09	10/09/25 15:49	1
Perfluorooctanoic acid (PFOA)	**0.067**	**J**	0.19	0.057	ug/Kg	☼	10/08/25 14:09	10/09/25 15:49	1
Perfluorononanoic acid (PFNA)	**0.15**	**J**	0.19	0.095	ug/Kg	☼	10/08/25 14:09	10/09/25 15:49	1
Perfluorodecanoic acid (PFDA)	**0.10**	**J**	0.19	0.057	ug/Kg	☼	10/08/25 14:09	10/09/25 15:49	1
Perfluoroundecanoic acid (PFUnA)	**1.21**		0.19	0.095	ug/Kg	☼	10/08/25 14:09	10/09/25 15:49	1
Perfluorododecanoic acid (PFDoA)	0.19	U	0.19	0.095	ug/Kg	☼	10/08/25 14:09	10/09/25 15:49	1
Perfluorotridecanoic acid (PFTrDA)	**1.19**		0.19	0.095	ug/Kg	☼	10/08/25 14:09	10/09/25 15:49	1
Perfluorotetradecanoic acid (PFTeDA)	0.19	U	0.19	0.095	ug/Kg	☼	10/08/25 14:09	10/09/25 15:49	1
Perfluorobutanesulfonic acid (PFBS)	0.19	U	0.19	0.095	ug/Kg	☼	10/08/25 14:09	10/09/25 15:49	1
Perfluoropentanesulfonic acid (PFPeS)	0.19	U	0.19	0.095	ug/Kg	☼	10/08/25 14:09	10/09/25 15:49	1
Perfluorohexanesulfonic acid (PFHxS)	0.19	U	0.19	0.095	ug/Kg	☼	10/08/25 14:09	10/09/25 15:49	1
Perfluoroheptanesulfonic acid (PFHpS)	0.19	U	0.19	0.095	ug/Kg	☼	10/08/25 14:09	10/09/25 15:49	1
Perfluorooctanesulfonic acid (PFOS)	0.19	U	0.19	0.095	ug/Kg	☼	10/08/25 14:09	10/09/25 15:49	1
Perfluorononanesulfonic acid (PFNS)	0.19	U	0.19	0.095	ug/Kg	☼	10/08/25 14:09	10/09/25 15:49	1

Client Sample ID: 2A_6-12
Date Collected: 10/03/25 08:05
Date Received: 10/03/25 16:15

Lab Sample ID: 460-336467-2
Matrix: Solid
Percent Solids: 95.0

Method: EPA 1633A - Per- and Polyfluoroalkyl Substances by LC/MS/MS, 1633A (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Perfluorodecanesulfonic acid (PFDS)	0.19	U	0.19	0.095	ug/Kg	☼	10/08/25 14:09	10/09/25 15:49	1
Perfluorododecanesulfonic acid (PFDoS)	0.19	U	0.19	0.095	ug/Kg	☼	10/08/25 14:09	10/09/25 15:49	1
1H,1H,2H,2H-Perfluorohexane sulfonic acid (4:2 FTS)	0.38	U	0.38	0.19	ug/Kg	☼	10/08/25 14:09	10/09/25 15:49	1
1H,1H,2H,2H-Perfluorooctane sulfonic acid (6:2 FTS)	0.38	U	0.38	0.19	ug/Kg	☼	10/08/25 14:09	10/09/25 15:49	1
1H,1H,2H,2H-Perfluorodecane sulfonic acid (8:2 FTS)	0.38	U	0.38	0.19	ug/Kg	☼	10/08/25 14:09	10/09/25 15:49	1
Perfluorooctanesulfonamide (PFOSA)	0.19	U	0.19	0.095	ug/Kg	☼	10/08/25 14:09	10/09/25 15:49	1
N-methylperfluorooctane sulfonamide (NMeFOSA)	0.19	U	0.19	0.095	ug/Kg	☼	10/08/25 14:09	10/09/25 15:49	1
N-ethylperfluorooctane sulfonamide (NEtFOSA)	0.19	U	0.19	0.095	ug/Kg	☼	10/08/25 14:09	10/09/25 15:49	1
N-methylperfluorooctanesulfonamidoacetic acid (NMeFOSAA)	0.19	U	0.19	0.095	ug/Kg	☼	10/08/25 14:09	10/09/25 15:49	1
N-ethylperfluorooctanesulfonamidoacetic acid (NEtFOSAA)	0.19	U	0.19	0.095	ug/Kg	☼	10/08/25 14:09	10/09/25 15:49	1
N-methylperfluorooctane sulfonamidoethanol (NMeFOSE)	0.95	U	0.95	0.48	ug/Kg	☼	10/08/25 14:09	10/09/25 15:49	1
N-ethylperfluorooctane sulfonamidoethanol (NEtFOSE)	0.95	U	0.95	0.48	ug/Kg	☼	10/08/25 14:09	10/09/25 15:49	1
Hexafluoropropylene Oxide Dimer Acid (HFPO-DA)	0.19	U	0.19	0.095	ug/Kg	☼	10/08/25 14:09	10/09/25 15:49	1
4,8-Dioxa-3H-perfluorononanoic acid (ADONA)	0.19	U	0.19	0.095	ug/Kg	☼	10/08/25 14:09	10/09/25 15:49	1
Perfluoro-3-methoxypropanoic acid (PFMPA)	0.19	U	0.19	0.095	ug/Kg	☼	10/08/25 14:09	10/09/25 15:49	1
Perfluoro-4-methoxybutanoic acid (PFMBA)	0.19	U	0.19	0.095	ug/Kg	☼	10/08/25 14:09	10/09/25 15:49	1
Nonafluoro-3,6-dioxaheptanoic acid (NFDHA)	0.19	U	0.19	0.095	ug/Kg	☼	10/08/25 14:09	10/09/25 15:49	1
9-Chlorohexadecafluoro-3-oxanonane-1-sulfonic acid (9Cl-PF3ONS)	0.19	U	0.19	0.095	ug/Kg	☼	10/08/25 14:09	10/09/25 15:49	1
11-Chloroeicosafluoro-3-oxaundecane-1-sulfonic acid (11Cl-PF3OUdS)	0.19	U	0.19	0.095	ug/Kg	☼	10/08/25 14:09	10/09/25 15:49	1
Perfluoro (2-ethoxyethane) sulfonic acid (PFEESA)	0.19	U	0.19	0.095	ug/Kg	☼	10/08/25 14:09	10/09/25 15:49	1
3-Perfluoropropylpropanoic acid (3:3 FTCA)	0.38	U	0.38	0.19	ug/Kg	☼	10/08/25 14:09	10/09/25 15:49	1
3-Perfluoropentylpropanoic acid (5:3 FTCA)	0.95	U	0.95	0.48	ug/Kg	☼	10/08/25 14:09	10/09/25 15:49	1
3-Perfluoroheptylpropanoic acid (7:3 FTCA)	0.95	U	0.95	0.48	ug/Kg	☼	10/08/25 14:09	10/09/25 15:49	1

Isotope Dilution	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
13C4 PFBA	*86.2*		*8 - 130*	*10/08/25 14:09*	*10/09/25 15:49*	*1*
13C5 PFPeA	*75.6*		*35 - 130*	*10/08/25 14:09*	*10/09/25 15:49*	*1*
13C5 PFHxA	*75.7*		*40 - 130*	*10/08/25 14:09*	*10/09/25 15:49*	*1*
13C4 PFHpA	*81.7*		*40 - 130*	*10/08/25 14:09*	*10/09/25 15:49*	*1*
13C8 PFOA	*78.6*		*40 - 130*	*10/08/25 14:09*	*10/09/25 15:49*	*1*
13C9 PFNA	*79.2*		*40 - 130*	*10/08/25 14:09*	*10/09/25 15:49*	*1*
13C6 PFDA	*77.1*		*40 - 130*	*10/08/25 14:09*	*10/09/25 15:49*	*1*
13C7 PFUnA	*87.2*		*40 - 130*	*10/08/25 14:09*	*10/09/25 15:49*	*1*
13C2 PFTeDA	*74.3*		*20 - 130*	*10/08/25 14:09*	*10/09/25 15:49*	*1*

Client Sample ID: 2A_6-12

Date Collected: 10/03/25 08:05
Date Received: 10/03/25 16:15

Lab Sample ID: 460-336467-2

Matrix: Solid
Percent Solids: 95.0

Method: EPA 1633A - Per- and Polyfluoroalkyl Substances by LC/MS/MS, 1633A (Continued)

Isotope Dilution	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
13C3 PFBS	79.0		40 - 135	10/08/25 14:09	10/09/25 15:49	1
13C3 PFHxS	73.0		40 - 130	10/08/25 14:09	10/09/25 15:49	1
13C8 PFOS	70.0		40 - 130	10/08/25 14:09	10/09/25 15:49	1
13C8 FOSA	63.3		40 - 130	10/08/25 14:09	10/09/25 15:49	1
d3-NMeFOSAA	62.3		40 - 135	10/08/25 14:09	10/09/25 15:49	1
d5-NEtFOSAA	72.1		40 - 150	10/08/25 14:09	10/09/25 15:49	1
13C2 4:2 FTS	79.7		40 - 165	10/08/25 14:09	10/09/25 15:49	1
13C2 6:2 FTS	73.1		40 - 215	10/08/25 14:09	10/09/25 15:49	1
13C2 8:2 FTS	65.9		40 - 275	10/08/25 14:09	10/09/25 15:49	1
13C3 HFPO-DA	82.0		40 - 130	10/08/25 14:09	10/09/25 15:49	1
d7-N-MeFOSE-M	59.9		20 - 130	10/08/25 14:09	10/09/25 15:49	1
d9-N-EtFOSE-M	47.7		15 - 130	10/08/25 14:09	10/09/25 15:49	1
d5-NEtPFOSA	58.5		10 - 130	10/08/25 14:09	10/09/25 15:49	1
d3-NMePFOSA	63.5		10 - 130	10/08/25 14:09	10/09/25 15:49	1
13C2 PFDoA	88.3		40 - 130	10/08/25 14:09	10/09/25 15:49	1

Method: SW846 6020B - Metals (ICP/MS)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Aluminum	4030		19.1	5.3	mg/Kg	☼	10/09/25 07:08	10/09/25 16:55	1
Antimony	0.78	J	0.96	0.14	mg/Kg	☼	10/09/25 07:08	10/09/25 16:55	1
Arsenic	7.0		0.96	0.099	mg/Kg	☼	10/09/25 07:08	10/09/25 16:55	1
Barium	28.5		1.9	0.14	mg/Kg	☼	10/09/25 07:08	10/09/25 16:55	1
Beryllium	0.57		0.38	0.021	mg/Kg	☼	10/09/25 07:08	10/09/25 16:55	1
Cadmium	0.33	J	0.96	0.11	mg/Kg	☼	10/09/25 07:08	10/09/25 16:55	1
Calcium	8600		95.7	9.3	mg/Kg	☼	10/09/25 07:08	10/09/25 16:55	1
Chromium	10.6		1.9	0.28	mg/Kg	☼	10/09/25 07:08	10/09/25 16:55	1
Cobalt	4.8		0.96	0.14	mg/Kg	☼	10/09/25 07:08	10/09/25 16:55	1
Copper	52.9		1.9	0.35	mg/Kg	☼	10/09/25 07:08	10/09/25 16:55	1
Iron	13700		57.4	7.3	mg/Kg	☼	10/09/25 07:08	10/09/25 16:55	1
Lead	62.6		0.57	0.19	mg/Kg	☼	10/09/25 07:08	10/09/25 16:55	1
Magnesium	5800		95.7	9.8	mg/Kg	☼	10/09/25 07:08	10/09/25 16:55	1
Manganese	184		3.8	0.39	mg/Kg	☼	10/09/25 07:08	10/09/25 16:55	1
Nickel	17.2		1.9	0.17	mg/Kg	☼	10/09/25 07:08	10/09/25 16:55	1
Potassium	562		95.7	15.5	mg/Kg	☼	10/09/25 07:08	10/09/25 16:55	1
Selenium	0.28	J	1.2	0.12	mg/Kg	☼	10/09/25 07:08	10/09/25 16:55	1
Silver	0.31	J	0.38	0.085	mg/Kg	☼	10/09/25 07:08	10/09/25 16:55	1
Sodium	58.9	J	95.7	43.7	mg/Kg	☼	10/09/25 07:08	10/09/25 16:55	1
Thallium	0.059	J	0.38	0.039	mg/Kg	☼	10/09/25 07:08	10/09/25 16:55	1
Vanadium	19.0		1.9	0.20	mg/Kg	☼	10/09/25 07:08	10/09/25 16:55	1
Zinc	93.9		7.7	1.0	mg/Kg	☼	10/09/25 07:08	10/09/25 16:55	1

Method: SW846 7471B - Mercury (CVAA)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	0.042		0.018	0.0083	mg/Kg	☼	10/13/25 07:47	10/13/25 14:51	1

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Percent Moisture (EPA Moisture)	5.0		1.0	1.0	%			10/07/25 16:17	1
Percent Solids (EPA Moisture)	95.0		1.0	1.0	%			10/07/25 16:17	1

Client: Haley & Aldrich, Inc.
Project/Site: Former Port Mobil

Job ID: 460-336467-1

Client Sample ID: 2B_0-6
Date Collected: 10/03/25 08:10
Date Received: 10/03/25 16:15

Lab Sample ID: 460-336467-3
Matrix: Solid
Percent Solids: 96.3

Method: SW846 8270E - Semivolatile Organic Compounds (GC/MS)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1'-Biphenyl	0.34	U	0.34	0.012	mg/Kg	☼	10/06/25 21:57	10/07/25 15:36	1
1,2,4,5-Tetrachlorobenzene	0.34	U	0.34	0.011	mg/Kg	☼	10/06/25 21:57	10/07/25 15:36	1
1,4-Dioxane	0.034	U	0.034	0.030	mg/Kg	☼	10/06/25 21:57	10/07/25 15:36	1
2,2'-oxybis[1-chloropropane]	0.34	U	0.34	0.020	mg/Kg	☼	10/06/25 21:57	10/07/25 15:36	1
2,3,4,6-Tetrachlorophenol	0.34	U	0.34	0.023	mg/Kg	☼	10/06/25 21:57	10/07/25 15:36	1
2,4,5-Trichlorophenol	0.34	U	0.34	0.035	mg/Kg	☼	10/06/25 21:57	10/07/25 15:36	1
2,4,6-Trichlorophenol	0.14	U	0.14	0.044	mg/Kg	☼	10/06/25 21:57	10/07/25 15:36	1
2,4-Dichlorophenol	0.14	U	0.14	0.022	mg/Kg	☼	10/06/25 21:57	10/07/25 15:36	1
2,4-Dimethylphenol	0.34	U	0.34	0.041	mg/Kg	☼	10/06/25 21:57	10/07/25 15:36	1
2,4-Dinitrophenol	0.27	U	0.27	0.17	mg/Kg	☼	10/06/25 21:57	10/07/25 15:36	1
2,4-Dinitrotoluene	0.069	U	0.069	0.037	mg/Kg	☼	10/06/25 21:57	10/07/25 15:36	1
2,6-Dinitrotoluene	0.069	U	0.069	0.025	mg/Kg	☼	10/06/25 21:57	10/07/25 15:36	1
2-Chloronaphthalene	0.34	U	0.34	0.044	mg/Kg	☼	10/06/25 21:57	10/07/25 15:36	1
2-Chlorophenol	0.34	U	0.34	0.012	mg/Kg	☼	10/06/25 21:57	10/07/25 15:36	1
2-Methylnaphthalene	0.34	U	0.34	0.0095	mg/Kg	☼	10/06/25 21:57	10/07/25 15:36	1
2-Methylphenol	0.34	U	0.34	0.013	mg/Kg	☼	10/06/25 21:57	10/07/25 15:36	1
2-Nitroaniline	0.34	U	0.34	0.026	mg/Kg	☼	10/06/25 21:57	10/07/25 15:36	1
2-Nitrophenol	0.34	U	0.34	0.034	mg/Kg	☼	10/06/25 21:57	10/07/25 15:36	1
3 & 4 Methylphenol	0.34	U	0.34	0.021	mg/Kg	☼	10/06/25 21:57	10/07/25 15:36	1
3,3'-Dichlorobenzidine	0.14	U	0.14	0.051	mg/Kg	☼	10/06/25 21:57	10/07/25 15:36	1
3-Nitroaniline	0.34	U	0.34	0.081	mg/Kg	☼	10/06/25 21:57	10/07/25 15:36	1
4,6-Dinitro-2-methylphenol	0.27	U	0.27	0.14	mg/Kg	☼	10/06/25 21:57	10/07/25 15:36	1
4-Bromophenyl phenyl ether	0.34	U	0.34	0.014	mg/Kg	☼	10/06/25 21:57	10/07/25 15:36	1
4-Chloro-3-methylphenol	0.34	U	0.34	0.019	mg/Kg	☼	10/06/25 21:57	10/07/25 15:36	1
4-Chloroaniline	0.34	U	0.34	0.060	mg/Kg	☼	10/06/25 21:57	10/07/25 15:36	1
4-Chlorophenyl phenyl ether	0.34	U	0.34	0.012	mg/Kg	☼	10/06/25 21:57	10/07/25 15:36	1
4-Methylphenol	0.34	U	0.34	0.021	mg/Kg	☼	10/06/25 21:57	10/07/25 15:36	1
4-Nitroaniline	0.34	U	0.34	0.086	mg/Kg	☼	10/06/25 21:57	10/07/25 15:36	1
4-Nitrophenol	0.69	U	0.69	0.056	mg/Kg	☼	10/06/25 21:57	10/07/25 15:36	1
Acenaphthene	0.34	U	0.34	0.0097	mg/Kg	☼	10/06/25 21:57	10/07/25 15:36	1
Acenaphthylene	0.34	U	0.34	0.0097	mg/Kg	☼	10/06/25 21:57	10/07/25 15:36	1
Acetophenone	0.34	U	0.34	0.017	mg/Kg	☼	10/06/25 21:57	10/07/25 15:36	1
Anthracene	0.34	U	0.34	0.010	mg/Kg	☼	10/06/25 21:57	10/07/25 15:36	1
Atrazine	0.14	U	0.14	0.020	mg/Kg	☼	10/06/25 21:57	10/07/25 15:36	1
Benzaldehyde	0.34	U	0.34	0.056	mg/Kg	☼	10/06/25 21:57	10/07/25 15:36	1
Benzo[a]anthracene	0.034	U	0.034	0.026	mg/Kg	☼	10/06/25 21:57	10/07/25 15:36	1
Benzo[a]pyrene	0.034	U	0.034	0.0091	mg/Kg	☼	10/06/25 21:57	10/07/25 15:36	1
Benzo[b]fluoranthene	0.034	U	0.034	0.0088	mg/Kg	☼	10/06/25 21:57	10/07/25 15:36	1
Benzo[g,h,i]perylene	0.34	U	0.34	0.010	mg/Kg	☼	10/06/25 21:57	10/07/25 15:36	1
Benzo[k]fluoranthene	0.034	U	0.034	0.0067	mg/Kg	☼	10/06/25 21:57	10/07/25 15:36	1
Bis(2-chloroethoxy)methane	0.34	U	0.34	0.063	mg/Kg	☼	10/06/25 21:57	10/07/25 15:36	1
Bis(2-chloroethyl)ether	0.034	U	0.034	0.012	mg/Kg	☼	10/06/25 21:57	10/07/25 15:36	1
Bis(2-ethylhexyl) phthalate	0.34	U	0.34	0.018	mg/Kg	☼	10/06/25 21:57	10/07/25 15:36	1
Butyl benzyl phthalate	0.34	U	0.34	0.016	mg/Kg	☼	10/06/25 21:57	10/07/25 15:36	1
Caprolactam	0.34	U	0.34	0.053	mg/Kg	☼	10/06/25 21:57	10/07/25 15:36	1
Carbazole	0.34	U	0.34	0.013	mg/Kg	☼	10/06/25 21:57	10/07/25 15:36	1
Chrysene	0.34	U	0.34	0.014	mg/Kg	☼	10/06/25 21:57	10/07/25 15:36	1
Dibenz(a,h)anthracene	0.034	U	0.034	0.015	mg/Kg	☼	10/06/25 21:57	10/07/25 15:36	1
Dibenzofuran	0.34	U	0.34	0.011	mg/Kg	☼	10/06/25 21:57	10/07/25 15:36	1

Client Sample ID: 2B_0-6
Date Collected: 10/03/25 08:10
Date Received: 10/03/25 16:15

Lab Sample ID: 460-336467-3
Matrix: Solid
Percent Solids: 96.3

Method: SW846 8270E - Semivolatile Organic Compounds (GC/MS) (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Diethyl phthalate	0.34	U	0.34	0.011	mg/Kg	☼	10/06/25 21:57	10/07/25 15:36	1
Dimethyl phthalate	0.34	U	0.34	0.077	mg/Kg	☼	10/06/25 21:57	10/07/25 15:36	1
Di-n-butyl phthalate	0.34	U	0.34	0.013	mg/Kg	☼	10/06/25 21:57	10/07/25 15:36	1
Di-n-octyl phthalate	0.34	U	0.34	0.018	mg/Kg	☼	10/06/25 21:57	10/07/25 15:36	1
Fluoranthene	0.34	U	0.34	0.012	mg/Kg	☼	10/06/25 21:57	10/07/25 15:36	1
Fluorene	0.34	U	0.34	0.010	mg/Kg	☼	10/06/25 21:57	10/07/25 15:36	1
Hexachlorobenzene	0.034	U	0.034	0.016	mg/Kg	☼	10/06/25 21:57	10/07/25 15:36	1
Hexachlorobutadiene	0.069	U	0.069	0.0073	mg/Kg	☼	10/06/25 21:57	10/07/25 15:36	1
Hexachlorocyclopentadiene	0.34	U	0.34	0.030	mg/Kg	☼	10/06/25 21:57	10/07/25 15:36	1
Hexachloroethane	0.034	U	0.034	0.012	mg/Kg	☼	10/06/25 21:57	10/07/25 15:36	1
Indeno[1,2,3-cd]pyrene	0.034	U	0.034	0.013	mg/Kg	☼	10/06/25 21:57	10/07/25 15:36	1
Isophorone	0.14	U	0.14	0.099	mg/Kg	☼	10/06/25 21:57	10/07/25 15:36	1
Naphthalene	0.34	U	0.34	0.0059	mg/Kg	☼	10/06/25 21:57	10/07/25 15:36	1
Nitrobenzene	0.034	U	0.034	0.019	mg/Kg	☼	10/06/25 21:57	10/07/25 15:36	1
N-Nitrosodi-n-propylamine	0.034	U	0.034	0.025	mg/Kg	☼	10/06/25 21:57	10/07/25 15:36	1
N-Nitrosodiphenylamine	0.34	U	0.34	0.028	mg/Kg	☼	10/06/25 21:57	10/07/25 15:36	1
Pentachlorophenol	0.27	U	0.27	0.070	mg/Kg	☼	10/06/25 21:57	10/07/25 15:36	1
Phenanthrene	0.34	U	0.34	0.014	mg/Kg	☼	10/06/25 21:57	10/07/25 15:36	1
Phenol	0.34	U	0.34	0.013	mg/Kg	☼	10/06/25 21:57	10/07/25 15:36	1
Pyrene	0.34	U	0.34	0.0085	mg/Kg	☼	10/06/25 21:57	10/07/25 15:36	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
2,4,6-Tribromophenol (Surr)	*70*		*18 - 137*	*10/06/25 21:57*	*10/07/25 15:36*	*1*
2-Fluorobiphenyl	*67*		*33 - 117*	*10/06/25 21:57*	*10/07/25 15:36*	*1*
2-Fluorophenol (Surr)	*68*		*24 - 120*	*10/06/25 21:57*	*10/07/25 15:36*	*1*
Nitrobenzene-d5 (Surr)	*61*		*27 - 120*	*10/06/25 21:57*	*10/07/25 15:36*	*1*
Phenol-d5 (Surr)	*63*		*28 - 118*	*10/06/25 21:57*	*10/07/25 15:36*	*1*
Terphenyl-d14 (Surr)	*71*		*33 - 124*	*10/06/25 21:57*	*10/07/25 15:36*	*1*

Method: SW846 8081B - Organochlorine Pesticides (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
4,4'-DDD	0.0069	U	0.0069	0.0012	mg/Kg	☼	10/06/25 10:37	10/07/25 08:15	1
4,4'-DDE	0.0069	U	0.0069	0.00081	mg/Kg	☼	10/06/25 10:37	10/07/25 08:15	1
4,4'-DDT	0.0069	U	0.0069	0.0013	mg/Kg	☼	10/06/25 10:37	10/07/25 08:15	1
Aldrin	0.0069	U	0.0069	0.0010	mg/Kg	☼	10/06/25 10:37	10/07/25 08:15	1
alpha-BHC	0.0021	U	0.0021	0.00070	mg/Kg	☼	10/06/25 10:37	10/07/25 08:15	1
beta-BHC	0.0021	U	0.0021	0.00077	mg/Kg	☼	10/06/25 10:37	10/07/25 08:15	1
Chlordane (technical)	0.069	U	0.069	0.017	mg/Kg	☼	10/06/25 10:37	10/07/25 08:15	1
cis-Chlordane	0.0069	U	0.0069	0.0011	mg/Kg	☼	10/06/25 10:37	10/07/25 08:15	1
delta-BHC	0.0021	U	0.0021	0.00042	mg/Kg	☼	10/06/25 10:37	10/07/25 08:15	1
Dieldrin	0.0021	U	0.0021	0.00090	mg/Kg	☼	10/06/25 10:37	10/07/25 08:15	1
Endosulfan I	0.0069	U	0.0069	0.0011	mg/Kg	☼	10/06/25 10:37	10/07/25 08:15	1
Endosulfan II	0.0069	U	0.0069	0.0018	mg/Kg	☼	10/06/25 10:37	10/07/25 08:15	1
Endosulfan sulfate	0.0069	U	0.0069	0.00087	mg/Kg	☼	10/06/25 10:37	10/07/25 08:15	1
Endrin	0.0069	U	0.0069	0.00099	mg/Kg	☼	10/06/25 10:37	10/07/25 08:15	1
Endrin aldehyde	0.0069	U	0.0069	0.0016	mg/Kg	☼	10/06/25 10:37	10/07/25 08:15	1
Endrin ketone	0.0069	U	0.0069	0.0013	mg/Kg	☼	10/06/25 10:37	10/07/25 08:15	1
gamma-BHC (Lindane)	0.0021	U	0.0021	0.00064	mg/Kg	☼	10/06/25 10:37	10/07/25 08:15	1
Heptachlor	0.0069	U	0.0069	0.00081	mg/Kg	☼	10/06/25 10:37	10/07/25 08:15	1
Heptachlor epoxide	0.0069	U	0.0069	0.0010	mg/Kg	☼	10/06/25 10:37	10/07/25 08:15	1

Client Sample ID: 2B_0-6
Date Collected: 10/03/25 08:10
Date Received: 10/03/25 16:15

Lab Sample ID: 460-336467-3
Matrix: Solid
Percent Solids: 96.3

Method: SW846 8081B - Organochlorine Pesticides (GC) (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Methoxychlor	0.0069	U	0.0069	0.0016	mg/Kg	☼	10/06/25 10:37	10/07/25 08:15	1
Toxaphene	0.069	U	0.069	0.025	mg/Kg	☼	10/06/25 10:37	10/07/25 08:15	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
DCB Decachlorobiphenyl	*49*		*10 - 150*	*10/06/25 10:37*	*10/07/25 08:15*	*1*
DCB Decachlorobiphenyl	*49*		*10 - 150*	*10/06/25 10:37*	*10/07/25 08:15*	*1*
Tetrachloro-m-xylene	*62*		*14 - 150*	*10/06/25 10:37*	*10/07/25 08:15*	*1*
Tetrachloro-m-xylene	*62*		*14 - 150*	*10/06/25 10:37*	*10/07/25 08:15*	*1*

Method: SW846 8082A - Polychlorinated Biphenyls (PCBs) by Gas Chromatography

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Aroclor 1016	0.069	U	0.069	0.018	mg/Kg	☼	10/06/25 10:33	10/07/25 20:34	1
Aroclor 1221	0.069	U	0.069	0.018	mg/Kg	☼	10/06/25 10:33	10/07/25 20:34	1
Aroclor 1232	0.069	U	0.069	0.018	mg/Kg	☼	10/06/25 10:33	10/07/25 20:34	1
Aroclor 1242	0.069	U	0.069	0.018	mg/Kg	☼	10/06/25 10:33	10/07/25 20:34	1
Aroclor 1248	0.069	U	0.069	0.018	mg/Kg	☼	10/06/25 10:33	10/07/25 20:34	1
Aroclor 1254	0.069	U	0.069	0.018	mg/Kg	☼	10/06/25 10:33	10/07/25 20:34	1
Aroclor 1260	0.069	U	0.069	0.018	mg/Kg	☼	10/06/25 10:33	10/07/25 20:34	1
Aroclor-1262	0.069	U	0.069	0.018	mg/Kg	☼	10/06/25 10:33	10/07/25 20:34	1
Aroclor 1268	0.069	U	0.069	0.018	mg/Kg	☼	10/06/25 10:33	10/07/25 20:34	1
Polychlorinated biphenyls, Total	0.069	U	0.069	0.018	mg/Kg	☼	10/06/25 10:33	10/07/25 20:34	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
DCB Decachlorobiphenyl	*54*		*10 - 150*	*10/06/25 10:33*	*10/07/25 20:34*	*1*
DCB Decachlorobiphenyl	*56*		*10 - 150*	*10/06/25 10:33*	*10/07/25 20:34*	*1*
Tetrachloro-m-xylene	*99*		*10 - 150*	*10/06/25 10:33*	*10/07/25 20:34*	*1*
Tetrachloro-m-xylene	*108*		*10 - 150*	*10/06/25 10:33*	*10/07/25 20:34*	*1*

Method: EPA 1633A - Per- and Polyfluoroalkyl Substances by LC/MS/MS, 1633A

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Perfluorobutanoic acid (PFBA)	0.38	U	0.38	0.096	ug/Kg	☼	10/08/25 14:09	10/09/25 16:03	1
Perfluoropentanoic acid (PFPeA)	0.19	U	0.19	0.096	ug/Kg	☼	10/08/25 14:09	10/09/25 16:03	1
Perfluorohexanoic acid (PFHxA)	0.19	U	0.19	0.096	ug/Kg	☼	10/08/25 14:09	10/09/25 16:03	1
Perfluoroheptanoic acid (PFHpA)	0.19	U	0.19	0.096	ug/Kg	☼	10/08/25 14:09	10/09/25 16:03	1
Perfluorooctanoic acid (PFOA)	0.19	U	0.19	0.058	ug/Kg	☼	10/08/25 14:09	10/09/25 16:03	1
Perfluorononanoic acid (PFNA)	0.19	U	0.19	0.096	ug/Kg	☼	10/08/25 14:09	10/09/25 16:03	1
Perfluorodecanoic acid (PFDA)	0.19	U	0.19	0.058	ug/Kg	☼	10/08/25 14:09	10/09/25 16:03	1
Perfluoroundecanoic acid (PFUnA)	**0.30**		0.19	0.096	ug/Kg	☼	10/08/25 14:09	10/09/25 16:03	1
Perfluorododecanoic acid (PFDoA)	0.19	U	0.19	0.096	ug/Kg	☼	10/08/25 14:09	10/09/25 16:03	1
Perfluorotridecanoic acid (PFTrDA)	**0.85**		0.19	0.096	ug/Kg	☼	10/08/25 14:09	10/09/25 16:03	1
Perfluorotetradecanoic acid (PFTeDA)	0.19	U	0.19	0.096	ug/Kg	☼	10/08/25 14:09	10/09/25 16:03	1
Perfluorobutanesulfonic acid (PFBS)	0.19	U	0.19	0.096	ug/Kg	☼	10/08/25 14:09	10/09/25 16:03	1
Perfluoropentanesulfonic acid (PFPeS)	0.19	U	0.19	0.096	ug/Kg	☼	10/08/25 14:09	10/09/25 16:03	1
Perfluorohexanesulfonic acid (PFHxS)	0.19	U	0.19	0.096	ug/Kg	☼	10/08/25 14:09	10/09/25 16:03	1
Perfluoroheptanesulfonic acid (PFHpS)	0.19	U	0.19	0.096	ug/Kg	☼	10/08/25 14:09	10/09/25 16:03	1
Perfluorooctanesulfonic acid (PFOS)	0.19	U	0.19	0.096	ug/Kg	☼	10/08/25 14:09	10/09/25 16:03	1
Perfluorononanesulfonic acid (PFNS)	0.19	U	0.19	0.096	ug/Kg	☼	10/08/25 14:09	10/09/25 16:03	1

Client Sample ID: 2B_0-6
Date Collected: 10/03/25 08:10
Date Received: 10/03/25 16:15

Lab Sample ID: 460-336467-3
Matrix: Solid
Percent Solids: 96.3

Method: EPA 1633A - Per- and Polyfluoroalkyl Substances by LC/MS/MS, 1633A (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Perfluorodecanesulfonic acid (PFDS)	0.19	U	0.19	0.096	ug/Kg	☼	10/08/25 14:09	10/09/25 16:03	1
Perfluorododecanesulfonic acid (PFDoS)	0.19	U	0.19	0.096	ug/Kg	☼	10/08/25 14:09	10/09/25 16:03	1
1H,1H,2H,2H-Perfluorohexane sulfonic acid (4:2 FTS)	0.38	U	0.38	0.19	ug/Kg	☼	10/08/25 14:09	10/09/25 16:03	1
1H,1H,2H,2H-Perfluorooctane sulfonic acid (6:2 FTS)	0.38	U	0.38	0.19	ug/Kg	☼	10/08/25 14:09	10/09/25 16:03	1
1H,1H,2H,2H-Perfluorodecane sulfonic acid (8:2 FTS)	0.38	U	0.38	0.19	ug/Kg	☼	10/08/25 14:09	10/09/25 16:03	1
Perfluorooctanesulfonamide (PFOSA)	0.19	U	0.19	0.096	ug/Kg	☼	10/08/25 14:09	10/09/25 16:03	1
N-methylperfluorooctane sulfonamide (NMeFOSA)	0.19	U	0.19	0.096	ug/Kg	☼	10/08/25 14:09	10/09/25 16:03	1
N-ethylperfluorooctane sulfonamide (NEtFOSA)	0.19	U	0.19	0.096	ug/Kg	☼	10/08/25 14:09	10/09/25 16:03	1
N-methylperfluorooctanesulfonamidoacetic acid (NMeFOSAA)	0.19	U	0.19	0.096	ug/Kg	☼	10/08/25 14:09	10/09/25 16:03	1
N-ethylperfluorooctanesulfonamidoacetic acid (NEtFOSAA)	0.19	U	0.19	0.096	ug/Kg	☼	10/08/25 14:09	10/09/25 16:03	1
N-methylperfluorooctane sulfonamidoethanol (NMeFOSE)	0.96	U	0.96	0.48	ug/Kg	☼	10/08/25 14:09	10/09/25 16:03	1
N-ethylperfluorooctane sulfonamidoethanol (NEtFOSE)	0.96	U	0.96	0.48	ug/Kg	☼	10/08/25 14:09	10/09/25 16:03	1
Hexafluoropropylene Oxide Dimer Acid (HFPO-DA)	0.19	U	0.19	0.096	ug/Kg	☼	10/08/25 14:09	10/09/25 16:03	1
4,8-Dioxa-3H-perfluorononanoic acid (ADONA)	0.19	U	0.19	0.096	ug/Kg	☼	10/08/25 14:09	10/09/25 16:03	1
Perfluoro-3-methoxypropanoic acid (PFMPA)	0.19	U	0.19	0.096	ug/Kg	☼	10/08/25 14:09	10/09/25 16:03	1
Perfluoro-4-methoxybutanoic acid (PFMBA)	0.19	U	0.19	0.096	ug/Kg	☼	10/08/25 14:09	10/09/25 16:03	1
Nonafluoro-3,6-dioxaheptanoic acid (NFDHA)	0.19	U	0.19	0.096	ug/Kg	☼	10/08/25 14:09	10/09/25 16:03	1
9-Chlorohexadecafluoro-3-oxanonane-1-sulfonic acid (9Cl-PF3ONS)	0.19	U	0.19	0.096	ug/Kg	☼	10/08/25 14:09	10/09/25 16:03	1
11-Chloroeicosafluoro-3-oxaundecane-1-sulfonic acid (11Cl-PF3OUdS)	0.19	U	0.19	0.096	ug/Kg	☼	10/08/25 14:09	10/09/25 16:03	1
Perfluoro (2-ethoxyethane) sulfonic acid (PFEESA)	0.19	U	0.19	0.096	ug/Kg	☼	10/08/25 14:09	10/09/25 16:03	1
3-Perfluoropropylpropanoic acid (3:3 FTCA)	0.38	U	0.38	0.19	ug/Kg	☼	10/08/25 14:09	10/09/25 16:03	1
3-Perfluoropentylpropanoic acid (5:3 FTCA)	0.96	U	0.96	0.48	ug/Kg	☼	10/08/25 14:09	10/09/25 16:03	1
3-Perfluoroheptylpropanoic acid (7:3 FTCA)	0.96	U	0.96	0.48	ug/Kg	☼	10/08/25 14:09	10/09/25 16:03	1

Isotope Dilution	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
13C4 PFBA	*127*		*8 - 130*	*10/08/25 14:09*	*10/09/25 16:03*	*1*
13C5 PFPeA	*112*		*35 - 130*	*10/08/25 14:09*	*10/09/25 16:03*	*1*
13C5 PFHxA	*114*		*40 - 130*	*10/08/25 14:09*	*10/09/25 16:03*	*1*
13C4 PFHpA	*120*		*40 - 130*	*10/08/25 14:09*	*10/09/25 16:03*	*1*
13C8 PFOA	*119*		*40 - 130*	*10/08/25 14:09*	*10/09/25 16:03*	*1*
13C9 PFNA	*116*		*40 - 130*	*10/08/25 14:09*	*10/09/25 16:03*	*1*
13C6 PFDA	*106*		*40 - 130*	*10/08/25 14:09*	*10/09/25 16:03*	*1*
13C7 PFUnA	*114*		*40 - 130*	*10/08/25 14:09*	*10/09/25 16:03*	*1*
13C2 PFTeDA	*98.1*		*20 - 130*	*10/08/25 14:09*	*10/09/25 16:03*	*1*

Client Sample ID: 2B_0-6
Date Collected: 10/03/25 08:10
Date Received: 10/03/25 16:15

Lab Sample ID: 460-336467-3
Matrix: Solid
Percent Solids: 96.3

Method: EPA 1633A - Per- and Polyfluoroalkyl Substances by LC/MS/MS, 1633A (Continued)

Isotope Dilution	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
13C3 PFBS	117		40 - 135	10/08/25 14:09	10/09/25 16:03	1
13C3 PFHxS	110		40 - 130	10/08/25 14:09	10/09/25 16:03	1
13C8 PFOS	98.8		40 - 130	10/08/25 14:09	10/09/25 16:03	1
13C8 FOSA	89.5		40 - 130	10/08/25 14:09	10/09/25 16:03	1
d3-NMeFOSAA	84.0		40 - 135	10/08/25 14:09	10/09/25 16:03	1
d5-NEtFOSAA	105		40 - 150	10/08/25 14:09	10/09/25 16:03	1
13C2 4:2 FTS	119		40 - 165	10/08/25 14:09	10/09/25 16:03	1
13C2 6:2 FTS	108		40 - 215	10/08/25 14:09	10/09/25 16:03	1
13C2 8:2 FTS	93.9		40 - 275	10/08/25 14:09	10/09/25 16:03	1
13C3 HFPO-DA	119		40 - 130	10/08/25 14:09	10/09/25 16:03	1
d7-N-MeFOSE-M	69.4		20 - 130	10/08/25 14:09	10/09/25 16:03	1
d9-N-EtFOSE-M	56.4		15 - 130	10/08/25 14:09	10/09/25 16:03	1
d5-NEtPFOSA	81.4		10 - 130	10/08/25 14:09	10/09/25 16:03	1
d3-NMePFOSA	92.5		10 - 130	10/08/25 14:09	10/09/25 16:03	1
13C2 PFDoA	105		40 - 130	10/08/25 14:09	10/09/25 16:03	1

Method: SW846 6020B - Metals (ICP/MS)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Aluminum	6920		19.4	5.3	mg/Kg	☼	10/09/25 07:08	10/09/25 16:58	1
Antimony	0.42	J	0.97	0.14	mg/Kg	☼	10/09/25 07:08	10/09/25 16:58	1
Arsenic	5.6		0.97	0.10	mg/Kg	☼	10/09/25 07:08	10/09/25 16:58	1
Barium	39.6		1.9	0.14	mg/Kg	☼	10/09/25 07:08	10/09/25 16:58	1
Beryllium	0.51		0.39	0.021	mg/Kg	☼	10/09/25 07:08	10/09/25 16:58	1
Cadmium	0.26	J	0.97	0.11	mg/Kg	☼	10/09/25 07:08	10/09/25 16:58	1
Calcium	2240		97.1	9.4	mg/Kg	☼	10/09/25 07:08	10/09/25 16:58	1
Chromium	14.0		1.9	0.29	mg/Kg	☼	10/09/25 07:08	10/09/25 16:58	1
Cobalt	6.4		0.97	0.14	mg/Kg	☼	10/09/25 07:08	10/09/25 16:58	1
Copper	30.0		1.9	0.36	mg/Kg	☼	10/09/25 07:08	10/09/25 16:58	1
Iron	16700		58.2	7.4	mg/Kg	☼	10/09/25 07:08	10/09/25 16:58	1
Lead	35.1		0.58	0.19	mg/Kg	☼	10/09/25 07:08	10/09/25 16:58	1
Magnesium	3100		97.1	9.9	mg/Kg	☼	10/09/25 07:08	10/09/25 16:58	1
Manganese	228		3.9	0.39	mg/Kg	☼	10/09/25 07:08	10/09/25 16:58	1
Nickel	14.2		1.9	0.17	mg/Kg	☼	10/09/25 07:08	10/09/25 16:58	1
Potassium	1050		97.1	15.7	mg/Kg	☼	10/09/25 07:08	10/09/25 16:58	1
Selenium	0.21	J	1.2	0.12	mg/Kg	☼	10/09/25 07:08	10/09/25 16:58	1
Silver	0.16	J	0.39	0.086	mg/Kg	☼	10/09/25 07:08	10/09/25 16:58	1
Sodium	74.6	J	97.1	44.4	mg/Kg	☼	10/09/25 07:08	10/09/25 16:58	1
Thallium	0.097	J	0.39	0.040	mg/Kg	☼	10/09/25 07:08	10/09/25 16:58	1
Vanadium	21.1		1.9	0.20	mg/Kg	☼	10/09/25 07:08	10/09/25 16:58	1
Zinc	57.5		7.8	1.1	mg/Kg	☼	10/09/25 07:08	10/09/25 16:58	1

Method: SW846 7471B - Mercury (CVAA)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	0.025		0.017	0.0078	mg/Kg	☼	10/13/25 07:47	10/13/25 14:54	1

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Percent Moisture (EPA Moisture)	3.7		1.0	1.0	%			10/07/25 16:17	1
Percent Solids (EPA Moisture)	96.3		1.0	1.0	%			10/07/25 16:17	1

Client: Haley & Aldrich, Inc.
Project/Site: Former Port Mobil

Job ID: 460-336467-1

Client Sample ID: 2B_6-12
Date Collected: 10/03/25 08:15
Date Received: 10/03/25 16:15

Lab Sample ID: 460-336467-4
Matrix: Solid
Percent Solids: 95.1

Method: SW846 8270E - Semivolatile Organic Compounds (GC/MS)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1'-Biphenyl	0.35	U	0.35	0.012	mg/Kg	☼	10/06/25 21:57	10/07/25 15:59	1
1,2,4,5-Tetrachlorobenzene	0.35	U	0.35	0.011	mg/Kg	☼	10/06/25 21:57	10/07/25 15:59	1
1,4-Dioxane	0.035	U	0.035	0.030	mg/Kg	☼	10/06/25 21:57	10/07/25 15:59	1
2,2'-oxybis[1-chloropropane]	0.35	U	0.35	0.021	mg/Kg	☼	10/06/25 21:57	10/07/25 15:59	1
2,3,4,6-Tetrachlorophenol	0.35	U	0.35	0.023	mg/Kg	☼	10/06/25 21:57	10/07/25 15:59	1
2,4,5-Trichlorophenol	0.35	U	0.35	0.035	mg/Kg	☼	10/06/25 21:57	10/07/25 15:59	1
2,4,6-Trichlorophenol	0.14	U	0.14	0.045	mg/Kg	☼	10/06/25 21:57	10/07/25 15:59	1
2,4-Dichlorophenol	0.14	U	0.14	0.022	mg/Kg	☼	10/06/25 21:57	10/07/25 15:59	1
2,4-Dimethylphenol	0.35	U	0.35	0.041	mg/Kg	☼	10/06/25 21:57	10/07/25 15:59	1
2,4-Dinitrophenol	0.28	U	0.28	0.17	mg/Kg	☼	10/06/25 21:57	10/07/25 15:59	1
2,4-Dinitrotoluene	0.070	U	0.070	0.037	mg/Kg	☼	10/06/25 21:57	10/07/25 15:59	1
2,6-Dinitrotoluene	0.070	U	0.070	0.025	mg/Kg	☼	10/06/25 21:57	10/07/25 15:59	1
2-Chloronaphthalene	0.35	U	0.35	0.045	mg/Kg	☼	10/06/25 21:57	10/07/25 15:59	1
2-Chlorophenol	0.35	U	0.35	0.012	mg/Kg	☼	10/06/25 21:57	10/07/25 15:59	1
2-Methylnaphthalene	0.35	U	0.35	0.0097	mg/Kg	☼	10/06/25 21:57	10/07/25 15:59	1
2-Methylphenol	0.35	U	0.35	0.013	mg/Kg	☼	10/06/25 21:57	10/07/25 15:59	1
2-Nitroaniline	0.35	U	0.35	0.026	mg/Kg	☼	10/06/25 21:57	10/07/25 15:59	1
2-Nitrophenol	0.35	U	0.35	0.035	mg/Kg	☼	10/06/25 21:57	10/07/25 15:59	1
3 & 4 Methylphenol	0.35	U	0.35	0.022	mg/Kg	☼	10/06/25 21:57	10/07/25 15:59	1
3,3'-Dichlorobenzidine	0.14	U	0.14	0.052	mg/Kg	☼	10/06/25 21:57	10/07/25 15:59	1
3-Nitroaniline	0.35	U	0.35	0.082	mg/Kg	☼	10/06/25 21:57	10/07/25 15:59	1
4,6-Dinitro-2-methylphenol	0.28	U	0.28	0.14	mg/Kg	☼	10/06/25 21:57	10/07/25 15:59	1
4-Bromophenyl phenyl ether	0.35	U	0.35	0.014	mg/Kg	☼	10/06/25 21:57	10/07/25 15:59	1
4-Chloro-3-methylphenol	0.35	U	0.35	0.019	mg/Kg	☼	10/06/25 21:57	10/07/25 15:59	1
4-Chloroaniline	0.35	U	0.35	0.062	mg/Kg	☼	10/06/25 21:57	10/07/25 15:59	1
4-Chlorophenyl phenyl ether	0.35	U	0.35	0.012	mg/Kg	☼	10/06/25 21:57	10/07/25 15:59	1
4-Methylphenol	0.35	U	0.35	0.022	mg/Kg	☼	10/06/25 21:57	10/07/25 15:59	1
4-Nitroaniline	0.35	U	0.35	0.088	mg/Kg	☼	10/06/25 21:57	10/07/25 15:59	1
4-Nitrophenol	0.70	U	0.70	0.057	mg/Kg	☼	10/06/25 21:57	10/07/25 15:59	1
Acenaphthene	0.35	U	0.35	0.0099	mg/Kg	☼	10/06/25 21:57	10/07/25 15:59	1
Acenaphthylene	0.35	U	0.35	0.0099	mg/Kg	☼	10/06/25 21:57	10/07/25 15:59	1
Acetophenone	0.35	U	0.35	0.017	mg/Kg	☼	10/06/25 21:57	10/07/25 15:59	1
Anthracene	0.35	U	0.35	0.011	mg/Kg	☼	10/06/25 21:57	10/07/25 15:59	1
Atrazine	0.14	U	0.14	0.020	mg/Kg	☼	10/06/25 21:57	10/07/25 15:59	1
Benzaldehyde	0.35	U	0.35	0.057	mg/Kg	☼	10/06/25 21:57	10/07/25 15:59	1
Benzo[a]anthracene	0.035	U	0.035	0.026	mg/Kg	☼	10/06/25 21:57	10/07/25 15:59	1
Benzo[a]pyrene	0.035	U	0.035	0.0092	mg/Kg	☼	10/06/25 21:57	10/07/25 15:59	1
Benzo[b]fluoranthene	0.035	U	0.035	0.0090	mg/Kg	☼	10/06/25 21:57	10/07/25 15:59	1
Benzo[g,h,i]perylene	0.35	U	0.35	0.010	mg/Kg	☼	10/06/25 21:57	10/07/25 15:59	1
Benzo[k]fluoranthene	0.035	U	0.035	0.0068	mg/Kg	☼	10/06/25 21:57	10/07/25 15:59	1
Bis(2-chloroethoxy)methane	0.35	U	0.35	0.064	mg/Kg	☼	10/06/25 21:57	10/07/25 15:59	1
Bis(2-chloroethyl)ether	0.035	U	0.035	0.012	mg/Kg	☼	10/06/25 21:57	10/07/25 15:59	1
Bis(2-ethylhexyl) phthalate	0.35	U	0.35	0.018	mg/Kg	☼	10/06/25 21:57	10/07/25 15:59	1
Butyl benzyl phthalate	0.35	U	0.35	0.016	mg/Kg	☼	10/06/25 21:57	10/07/25 15:59	1
Caprolactam	0.35	U	0.35	0.054	mg/Kg	☼	10/06/25 21:57	10/07/25 15:59	1
Carbazole	0.35	U	0.35	0.013	mg/Kg	☼	10/06/25 21:57	10/07/25 15:59	1
Chrysene	0.35	U	0.35	0.015	mg/Kg	☼	10/06/25 21:57	10/07/25 15:59	1
Dibenz(a,h)anthracene	0.035	U	0.035	0.015	mg/Kg	☼	10/06/25 21:57	10/07/25 15:59	1
Dibenzofuran	0.35	U	0.35	0.012	mg/Kg	☼	10/06/25 21:57	10/07/25 15:59	1

Client Sample ID: 2B_6-12

Date Collected: 10/03/25 08:15
Date Received: 10/03/25 16:15

Lab Sample ID: 460-336467-4

Matrix: Solid
Percent Solids: 95.1

Method: SW846 8270E - Semivolatile Organic Compounds (GC/MS) (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Diethyl phthalate	0.35	U	0.35	0.011	mg/Kg	☼	10/06/25 21:57	10/07/25 15:59	1
Dimethyl phthalate	0.35	U	0.35	0.079	mg/Kg	☼	10/06/25 21:57	10/07/25 15:59	1
Di-n-butyl phthalate	0.35	U	0.35	0.013	mg/Kg	☼	10/06/25 21:57	10/07/25 15:59	1
Di-n-octyl phthalate	0.35	U	0.35	0.018	mg/Kg	☼	10/06/25 21:57	10/07/25 15:59	1
Fluoranthene	0.35	U	0.35	0.012	mg/Kg	☼	10/06/25 21:57	10/07/25 15:59	1
Fluorene	0.35	U	0.35	0.010	mg/Kg	☼	10/06/25 21:57	10/07/25 15:59	1
Hexachlorobenzene	0.035	U	0.035	0.016	mg/Kg	☼	10/06/25 21:57	10/07/25 15:59	1
Hexachlorobutadiene	0.070	U	0.070	0.0074	mg/Kg	☼	10/06/25 21:57	10/07/25 15:59	1
Hexachlorocyclopentadiene	0.35	U	0.35	0.030	mg/Kg	☼	10/06/25 21:57	10/07/25 15:59	1
Hexachloroethane	0.035	U	0.035	0.012	mg/Kg	☼	10/06/25 21:57	10/07/25 15:59	1
Indeno[1,2,3-cd]pyrene	0.035	U	0.035	0.014	mg/Kg	☼	10/06/25 21:57	10/07/25 15:59	1
Isophorone	0.14	U	0.14	0.10	mg/Kg	☼	10/06/25 21:57	10/07/25 15:59	1
Naphthalene	0.35	U	0.35	0.0060	mg/Kg	☼	10/06/25 21:57	10/07/25 15:59	1
Nitrobenzene	0.035	U	0.035	0.019	mg/Kg	☼	10/06/25 21:57	10/07/25 15:59	1
N-Nitrosodi-n-propylamine	0.035	U	0.035	0.025	mg/Kg	☼	10/06/25 21:57	10/07/25 15:59	1
N-Nitrosodiphenylamine	0.35	U	0.35	0.029	mg/Kg	☼	10/06/25 21:57	10/07/25 15:59	1
Pentachlorophenol	0.28	U	0.28	0.071	mg/Kg	☼	10/06/25 21:57	10/07/25 15:59	1
Phenanthrene	0.35	U	0.35	0.014	mg/Kg	☼	10/06/25 21:57	10/07/25 15:59	1
Phenol	0.35	U	0.35	0.013	mg/Kg	☼	10/06/25 21:57	10/07/25 15:59	1
Pyrene	0.35	U	0.35	0.0086	mg/Kg	☼	10/06/25 21:57	10/07/25 15:59	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
2,4,6-Tribromophenol (Surr)	*74*		*18 - 137*	*10/06/25 21:57*	*10/07/25 15:59*	*1*
2-Fluorobiphenyl	*72*		*33 - 117*	*10/06/25 21:57*	*10/07/25 15:59*	*1*
2-Fluorophenol (Surr)	*72*		*24 - 120*	*10/06/25 21:57*	*10/07/25 15:59*	*1*
Nitrobenzene-d5 (Surr)	*63*		*27 - 120*	*10/06/25 21:57*	*10/07/25 15:59*	*1*
Phenol-d5 (Surr)	*65*		*28 - 118*	*10/06/25 21:57*	*10/07/25 15:59*	*1*
Terphenyl-d14 (Surr)	*74*		*33 - 124*	*10/06/25 21:57*	*10/07/25 15:59*	*1*

Method: SW846 8081B - Organochlorine Pesticides (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
4,4'-DDD	0.0070	U	0.0070	0.0012	mg/Kg	☼	10/06/25 10:37	10/07/25 08:28	1
4,4'-DDE	0.0070	U	0.0070	0.00083	mg/Kg	☼	10/06/25 10:37	10/07/25 08:28	1
4,4'-DDT	0.0070	U	0.0070	0.0013	mg/Kg	☼	10/06/25 10:37	10/07/25 08:28	1
Aldrin	0.0070	U	0.0070	0.0011	mg/Kg	☼	10/06/25 10:37	10/07/25 08:28	1
alpha-BHC	0.0021	U	0.0021	0.00071	mg/Kg	☼	10/06/25 10:37	10/07/25 08:28	1
beta-BHC	0.0021	U	0.0021	0.00079	mg/Kg	☼	10/06/25 10:37	10/07/25 08:28	1
Chlordane (technical)	0.070	U	0.070	0.017	mg/Kg	☼	10/06/25 10:37	10/07/25 08:28	1
cis-Chlordane	0.0070	U	0.0070	0.0011	mg/Kg	☼	10/06/25 10:37	10/07/25 08:28	1
delta-BHC	0.0021	U	0.0021	0.00043	mg/Kg	☼	10/06/25 10:37	10/07/25 08:28	1
Dieldrin	0.0021	U	0.0021	0.00091	mg/Kg	☼	10/06/25 10:37	10/07/25 08:28	1
Endosulfan I	0.0070	U	0.0070	0.0011	mg/Kg	☼	10/06/25 10:37	10/07/25 08:28	1
Endosulfan II	0.0070	U	0.0070	0.0018	mg/Kg	☼	10/06/25 10:37	10/07/25 08:28	1
Endosulfan sulfate	0.0070	U	0.0070	0.00088	mg/Kg	☼	10/06/25 10:37	10/07/25 08:28	1
Endrin	0.0070	U	0.0070	0.0010	mg/Kg	☼	10/06/25 10:37	10/07/25 08:28	1
Endrin aldehyde	0.0070	U	0.0070	0.0017	mg/Kg	☼	10/06/25 10:37	10/07/25 08:28	1
Endrin ketone	0.0070	U	0.0070	0.0014	mg/Kg	☼	10/06/25 10:37	10/07/25 08:28	1
gamma-BHC (Lindane)	0.0021	U	0.0021	0.00065	mg/Kg	☼	10/06/25 10:37	10/07/25 08:28	1
Heptachlor	0.0070	U	0.0070	0.00083	mg/Kg	☼	10/06/25 10:37	10/07/25 08:28	1
Heptachlor epoxide	0.0070	U	0.0070	0.0010	mg/Kg	☼	10/06/25 10:37	10/07/25 08:28	1

Client Sample ID: 2B_6-12
Date Collected: 10/03/25 08:15
Date Received: 10/03/25 16:15

Lab Sample ID: 460-336467-4
Matrix: Solid
Percent Solids: 95.1

Method: SW846 8081B - Organochlorine Pesticides (GC) (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Methoxychlor	0.0070	U	0.0070	0.0016	mg/Kg	☼	10/06/25 10:37	10/07/25 08:28	1
Toxaphene	0.070	U	0.070	0.025	mg/Kg	☼	10/06/25 10:37	10/07/25 08:28	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
DCB Decachlorobiphenyl	*49*		*10 - 150*	*10/06/25 10:37*	*10/07/25 08:28*	*1*
DCB Decachlorobiphenyl	*51*		*10 - 150*	*10/06/25 10:37*	*10/07/25 08:28*	*1*
Tetrachloro-m-xylene	*75*		*14 - 150*	*10/06/25 10:37*	*10/07/25 08:28*	*1*
Tetrachloro-m-xylene	*76*		*14 - 150*	*10/06/25 10:37*	*10/07/25 08:28*	*1*

Method: SW846 8082A - Polychlorinated Biphenyls (PCBs) by Gas Chromatography

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Aroclor 1016	0.070	U	0.070	0.019	mg/Kg	☼	10/06/25 10:33	10/07/25 20:50	1
Aroclor 1221	0.070	U	0.070	0.019	mg/Kg	☼	10/06/25 10:33	10/07/25 20:50	1
Aroclor 1232	0.070	U	0.070	0.019	mg/Kg	☼	10/06/25 10:33	10/07/25 20:50	1
Aroclor 1242	0.070	U	0.070	0.019	mg/Kg	☼	10/06/25 10:33	10/07/25 20:50	1
Aroclor 1248	0.070	U	0.070	0.019	mg/Kg	☼	10/06/25 10:33	10/07/25 20:50	1
Aroclor 1254	0.070	U	0.070	0.019	mg/Kg	☼	10/06/25 10:33	10/07/25 20:50	1
Aroclor 1260	0.070	U	0.070	0.019	mg/Kg	☼	10/06/25 10:33	10/07/25 20:50	1
Aroclor-1262	0.070	U	0.070	0.019	mg/Kg	☼	10/06/25 10:33	10/07/25 20:50	1
Aroclor 1268	0.070	U	0.070	0.019	mg/Kg	☼	10/06/25 10:33	10/07/25 20:50	1
Polychlorinated biphenyls, Total	0.070	U	0.070	0.019	mg/Kg	☼	10/06/25 10:33	10/07/25 20:50	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
DCB Decachlorobiphenyl	*72*		*10 - 150*	*10/06/25 10:33*	*10/07/25 20:50*	*1*
DCB Decachlorobiphenyl	*73*		*10 - 150*	*10/06/25 10:33*	*10/07/25 20:50*	*1*
Tetrachloro-m-xylene	*141*		*10 - 150*	*10/06/25 10:33*	*10/07/25 20:50*	*1*
Tetrachloro-m-xylene	*149*		*10 - 150*	*10/06/25 10:33*	*10/07/25 20:50*	*1*

Method: EPA 1633A - Per- and Polyfluoroalkyl Substances by LC/MS/MS, 1633A

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Perfluorobutanoic acid (PFBA)	0.39	U	0.39	0.096	ug/Kg	☼	10/08/25 14:09	10/09/25 16:16	1
Perfluoropentanoic acid (PFPeA)	0.19	U	0.19	0.096	ug/Kg	☼	10/08/25 14:09	10/09/25 16:16	1
Perfluorohexanoic acid (PFHxA)	0.19	U	0.19	0.096	ug/Kg	☼	10/08/25 14:09	10/09/25 16:16	1
Perfluoroheptanoic acid (PFHpA)	0.19	U	0.19	0.096	ug/Kg	☼	10/08/25 14:09	10/09/25 16:16	1
Perfluorooctanoic acid (PFOA)	**0.064**	**J**	0.19	0.058	ug/Kg	☼	10/08/25 14:09	10/09/25 16:16	1
Perfluorononanoic acid (PFNA)	0.19	U	0.19	0.096	ug/Kg	☼	10/08/25 14:09	10/09/25 16:16	1
Perfluorodecanoic acid (PFDA)	**0.058**	**J**	0.19	0.058	ug/Kg	☼	10/08/25 14:09	10/09/25 16:16	1
Perfluoroundecanoic acid (PFUnA)	**0.24**		0.19	0.096	ug/Kg	☼	10/08/25 14:09	10/09/25 16:16	1
Perfluorododecanoic acid (PFDoA)	0.19	U	0.19	0.096	ug/Kg	☼	10/08/25 14:09	10/09/25 16:16	1
Perfluorotridecanoic acid (PFTrDA)	**0.65**		0.19	0.096	ug/Kg	☼	10/08/25 14:09	10/09/25 16:16	1
Perfluorotetradecanoic acid (PFTeDA)	0.19	U	0.19	0.096	ug/Kg	☼	10/08/25 14:09	10/09/25 16:16	1
Perfluorobutanesulfonic acid (PFBS)	0.19	U	0.19	0.096	ug/Kg	☼	10/08/25 14:09	10/09/25 16:16	1
Perfluoropentanesulfonic acid (PFPeS)	0.19	U	0.19	0.096	ug/Kg	☼	10/08/25 14:09	10/09/25 16:16	1
Perfluorohexanesulfonic acid (PFHxS)	0.19	U	0.19	0.096	ug/Kg	☼	10/08/25 14:09	10/09/25 16:16	1
Perfluoroheptanesulfonic acid (PFHpS)	0.19	U	0.19	0.096	ug/Kg	☼	10/08/25 14:09	10/09/25 16:16	1
Perfluorooctanesulfonic acid (PFOS)	0.19	U	0.19	0.096	ug/Kg	☼	10/08/25 14:09	10/09/25 16:16	1
Perfluorononanesulfonic acid (PFNS)	0.19	U	0.19	0.096	ug/Kg	☼	10/08/25 14:09	10/09/25 16:16	1

Client Sample ID: 2B_6-12
Date Collected: 10/03/25 08:15
Date Received: 10/03/25 16:15

Lab Sample ID: 460-336467-4
Matrix: Solid
Percent Solids: 95.1

Method: EPA 1633A - Per- and Polyfluoroalkyl Substances by LC/MS/MS, 1633A (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Perfluorodecanesulfonic acid (PFDS)	0.19	U	0.19	0.096	ug/Kg	☼	10/08/25 14:09	10/09/25 16:16	1
Perfluorododecanesulfonic acid (PFDoS)	0.19	U	0.19	0.096	ug/Kg	☼	10/08/25 14:09	10/09/25 16:16	1
1H,1H,2H,2H-Perfluorohexane sulfonic acid (4:2 FTS)	0.39	U	0.39	0.19	ug/Kg	☼	10/08/25 14:09	10/09/25 16:16	1
1H,1H,2H,2H-Perfluorooctane sulfonic acid (6:2 FTS)	0.39	U	0.39	0.19	ug/Kg	☼	10/08/25 14:09	10/09/25 16:16	1
1H,1H,2H,2H-Perfluorodecane sulfonic acid (8:2 FTS)	0.39	U	0.39	0.19	ug/Kg	☼	10/08/25 14:09	10/09/25 16:16	1
Perfluorooctanesulfonamide (PFOSA)	0.19	U	0.19	0.096	ug/Kg	☼	10/08/25 14:09	10/09/25 16:16	1
N-methylperfluorooctane sulfonamide (NMeFOSA)	0.19	U	0.19	0.096	ug/Kg	☼	10/08/25 14:09	10/09/25 16:16	1
N-ethylperfluorooctane sulfonamide (NEtFOSA)	0.19	U	0.19	0.096	ug/Kg	☼	10/08/25 14:09	10/09/25 16:16	1
N-methylperfluorooctanesulfonamidoacetic acid (NMeFOSAA)	0.19	U	0.19	0.096	ug/Kg	☼	10/08/25 14:09	10/09/25 16:16	1
N-ethylperfluorooctanesulfonamidoacetic acid (NEtFOSAA)	0.19	U	0.19	0.096	ug/Kg	☼	10/08/25 14:09	10/09/25 16:16	1
N-methylperfluorooctane sulfonamidoethanol (NMeFOSE)	0.96	U	0.96	0.48	ug/Kg	☼	10/08/25 14:09	10/09/25 16:16	1
N-ethylperfluorooctane sulfonamidoethanol (NEtFOSE)	0.96	U	0.96	0.48	ug/Kg	☼	10/08/25 14:09	10/09/25 16:16	1
Hexafluoropropylene Oxide Dimer Acid (HFPO-DA)	0.19	U	0.19	0.096	ug/Kg	☼	10/08/25 14:09	10/09/25 16:16	1
4,8-Dioxa-3H-perfluorononanoic acid (ADONA)	0.19	U	0.19	0.096	ug/Kg	☼	10/08/25 14:09	10/09/25 16:16	1
Perfluoro-3-methoxypropanoic acid (PFMPA)	0.19	U	0.19	0.096	ug/Kg	☼	10/08/25 14:09	10/09/25 16:16	1
Perfluoro-4-methoxybutanoic acid (PFMBA)	0.19	U	0.19	0.096	ug/Kg	☼	10/08/25 14:09	10/09/25 16:16	1
Nonafluoro-3,6-dioxaheptanoic acid (NFDHA)	0.19	U	0.19	0.096	ug/Kg	☼	10/08/25 14:09	10/09/25 16:16	1
9-Chlorohexadecafluoro-3-oxanonane-1-sulfonic acid (9Cl-PF3ONS)	0.19	U	0.19	0.096	ug/Kg	☼	10/08/25 14:09	10/09/25 16:16	1
11-Chloroeicosafluoro-3-oxaundecane-1-sulfonic acid (11Cl-PF3OUdS)	0.19	U	0.19	0.096	ug/Kg	☼	10/08/25 14:09	10/09/25 16:16	1
Perfluoro (2-ethoxyethane) sulfonic acid (PFEESA)	0.19	U	0.19	0.096	ug/Kg	☼	10/08/25 14:09	10/09/25 16:16	1
3-Perfluoropropylpropanoic acid (3:3 FTCA)	0.39	U	0.39	0.19	ug/Kg	☼	10/08/25 14:09	10/09/25 16:16	1
3-Perfluoropentylpropanoic acid (5:3 FTCA)	0.96	U	0.96	0.48	ug/Kg	☼	10/08/25 14:09	10/09/25 16:16	1
3-Perfluoroheptylpropanoic acid (7:3 FTCA)	0.96	U	0.96	0.48	ug/Kg	☼	10/08/25 14:09	10/09/25 16:16	1

Isotope Dilution	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
13C4 PFBA	*119*		*8 - 130*	*10/08/25 14:09*	*10/09/25 16:16*	*1*
13C5 PFPeA	*108*		*35 - 130*	*10/08/25 14:09*	*10/09/25 16:16*	*1*
13C5 PFHxA	*108*		*40 - 130*	*10/08/25 14:09*	*10/09/25 16:16*	*1*
13C4 PFHpA	*115*		*40 - 130*	*10/08/25 14:09*	*10/09/25 16:16*	*1*
13C8 PFOA	*106*		*40 - 130*	*10/08/25 14:09*	*10/09/25 16:16*	*1*
13C9 PFNA	*112*		*40 - 130*	*10/08/25 14:09*	*10/09/25 16:16*	*1*
13C6 PFDA	*104*		*40 - 130*	*10/08/25 14:09*	*10/09/25 16:16*	*1*
13C7 PFUnA	*112*		*40 - 130*	*10/08/25 14:09*	*10/09/25 16:16*	*1*
13C2 PFTeDA	*82.4*		*20 - 130*	*10/08/25 14:09*	*10/09/25 16:16*	*1*

Client Sample ID: 2B_6-12

Date Collected: 10/03/25 08:15
Date Received: 10/03/25 16:15

Lab Sample ID: 460-336467-4

Matrix: Solid
Percent Solids: 95.1

Method: EPA 1633A - Per- and Polyfluoroalkyl Substances by LC/MS/MS, 1633A (Continued)

Isotope Dilution	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
13C3 PFBS	112		40 - 135	10/08/25 14:09	10/09/25 16:16	1
13C3 PFHxS	103		40 - 130	10/08/25 14:09	10/09/25 16:16	1
13C8 PFOS	94.1		40 - 130	10/08/25 14:09	10/09/25 16:16	1
13C8 FOSA	86.8		40 - 130	10/08/25 14:09	10/09/25 16:16	1
d3-NMeFOSAA	82.0		40 - 135	10/08/25 14:09	10/09/25 16:16	1
d5-NEtFOSAA	92.7		40 - 150	10/08/25 14:09	10/09/25 16:16	1
13C2 4:2 FTS	106		40 - 165	10/08/25 14:09	10/09/25 16:16	1
13C2 6:2 FTS	101		40 - 215	10/08/25 14:09	10/09/25 16:16	1
13C2 8:2 FTS	88.4		40 - 275	10/08/25 14:09	10/09/25 16:16	1
13C3 HFPO-DA	115		40 - 130	10/08/25 14:09	10/09/25 16:16	1
d7-N-MeFOSE-M	66.3		20 - 130	10/08/25 14:09	10/09/25 16:16	1
d9-N-EtFOSE-M	51.2		15 - 130	10/08/25 14:09	10/09/25 16:16	1
d5-NEtPFOSA	76.5		10 - 130	10/08/25 14:09	10/09/25 16:16	1
d3-NMePFOSA	84.5		10 - 130	10/08/25 14:09	10/09/25 16:16	1
13C2 PFDoA	99.1		40 - 130	10/08/25 14:09	10/09/25 16:16	1

Method: SW846 6020B - Metals (ICP/MS)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Aluminum	7430		19.3	5.3	mg/Kg	☼	10/09/25 07:08	10/09/25 17:07	1
Antimony	0.52	J	0.96	0.14	mg/Kg	☼	10/09/25 07:08	10/09/25 17:07	1
Arsenic	5.7		0.96	0.099	mg/Kg	☼	10/09/25 07:08	10/09/25 17:07	1
Barium	41.9		1.9	0.14	mg/Kg	☼	10/09/25 07:08	10/09/25 17:07	1
Beryllium	0.48		0.39	0.021	mg/Kg	☼	10/09/25 07:08	10/09/25 17:07	1
Cadmium	0.23	J	0.96	0.11	mg/Kg	☼	10/09/25 07:08	10/09/25 17:07	1
Calcium	1690		96.4	9.4	mg/Kg	☼	10/09/25 07:08	10/09/25 17:07	1
Chromium	14.8		1.9	0.29	mg/Kg	☼	10/09/25 07:08	10/09/25 17:07	1
Cobalt	6.5		0.96	0.14	mg/Kg	☼	10/09/25 07:08	10/09/25 17:07	1
Copper	33.2		1.9	0.35	mg/Kg	☼	10/09/25 07:08	10/09/25 17:07	1
Iron	16700		57.9	7.4	mg/Kg	☼	10/09/25 07:08	10/09/25 17:07	1
Lead	38.8		0.58	0.19	mg/Kg	☼	10/09/25 07:08	10/09/25 17:07	1
Magnesium	2850		96.4	9.8	mg/Kg	☼	10/09/25 07:08	10/09/25 17:07	1
Manganese	236		3.9	0.39	mg/Kg	☼	10/09/25 07:08	10/09/25 17:07	1
Nickel	12.7		1.9	0.17	mg/Kg	☼	10/09/25 07:08	10/09/25 17:07	1
Potassium	893		96.4	15.6	mg/Kg	☼	10/09/25 07:08	10/09/25 17:07	1
Selenium	0.25	J	1.2	0.12	mg/Kg	☼	10/09/25 07:08	10/09/25 17:07	1
Silver	0.16	J	0.39	0.086	mg/Kg	☼	10/09/25 07:08	10/09/25 17:07	1
Sodium	65.9	J	96.4	44.1	mg/Kg	☼	10/09/25 07:08	10/09/25 17:07	1
Thallium	0.092	J	0.39	0.040	mg/Kg	☼	10/09/25 07:08	10/09/25 17:07	1
Vanadium	22.5		1.9	0.20	mg/Kg	☼	10/09/25 07:08	10/09/25 17:07	1
Zinc	49.0		7.7	1.1	mg/Kg	☼	10/09/25 07:08	10/09/25 17:07	1

Method: SW846 7471B - Mercury (CVAA)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	0.028		0.017	0.0081	mg/Kg	☼	10/13/25 07:47	10/13/25 14:57	1

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Percent Moisture (EPA Moisture)	4.9		1.0	1.0	%			10/07/25 16:17	1
Percent Solids (EPA Moisture)	95.1		1.0	1.0	%			10/07/25 16:17	1

Client: Haley & Aldrich, Inc.
Project/Site: Former Port Mobil

Job ID: 460-336467-1

Client Sample ID: 1A_0-7
Date Collected: 10/03/25 08:20
Date Received: 10/03/25 16:15

Lab Sample ID: 460-336467-5
Matrix: Solid
Percent Solids: 97.6

Method: SW846 8270E - Semivolatile Organic Compounds (GC/MS)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1'-Biphenyl	0.34	U	0.34	0.012	mg/Kg	☼	10/06/25 21:57	10/07/25 16:22	1
1,2,4,5-Tetrachlorobenzene	0.34	U	0.34	0.010	mg/Kg	☼	10/06/25 21:57	10/07/25 16:22	1
1,4-Dioxane	0.034	U	0.034	0.029	mg/Kg	☼	10/06/25 21:57	10/07/25 16:22	1
2,2'-oxybis[1-chloropropane]	0.34	U	0.34	0.020	mg/Kg	☼	10/06/25 21:57	10/07/25 16:22	1
2,3,4,6-Tetrachlorophenol	0.34	U	0.34	0.023	mg/Kg	☼	10/06/25 21:57	10/07/25 16:22	1
2,4,5-Trichlorophenol	0.34	U	0.34	0.034	mg/Kg	☼	10/06/25 21:57	10/07/25 16:22	1
2,4,6-Trichlorophenol	0.14	U	0.14	0.043	mg/Kg	☼	10/06/25 21:57	10/07/25 16:22	1
2,4-Dichlorophenol	0.14	U	0.14	0.022	mg/Kg	☼	10/06/25 21:57	10/07/25 16:22	1
2,4-Dimethylphenol	0.34	U	0.34	0.040	mg/Kg	☼	10/06/25 21:57	10/07/25 16:22	1
2,4-Dinitrophenol	0.27	U	0.27	0.17	mg/Kg	☼	10/06/25 21:57	10/07/25 16:22	1
2,4-Dinitrotoluene	0.068	U	0.068	0.036	mg/Kg	☼	10/06/25 21:57	10/07/25 16:22	1
2,6-Dinitrotoluene	0.068	U	0.068	0.024	mg/Kg	☼	10/06/25 21:57	10/07/25 16:22	1
2-Chloronaphthalene	0.34	U	0.34	0.043	mg/Kg	☼	10/06/25 21:57	10/07/25 16:22	1
2-Chlorophenol	0.34	U	0.34	0.012	mg/Kg	☼	10/06/25 21:57	10/07/25 16:22	1
2-Methylnaphthalene	0.34	U	0.34	0.0094	mg/Kg	☼	10/06/25 21:57	10/07/25 16:22	1
2-Methylphenol	0.34	U	0.34	0.013	mg/Kg	☼	10/06/25 21:57	10/07/25 16:22	1
2-Nitroaniline	0.34	U	0.34	0.026	mg/Kg	☼	10/06/25 21:57	10/07/25 16:22	1
2-Nitrophenol	0.34	U	0.34	0.034	mg/Kg	☼	10/06/25 21:57	10/07/25 16:22	1
3 & 4 Methylphenol	0.34	U	0.34	0.021	mg/Kg	☼	10/06/25 21:57	10/07/25 16:22	1
3,3'-Dichlorobenzidine	0.14	U	0.14	0.051	mg/Kg	☼	10/06/25 21:57	10/07/25 16:22	1
3-Nitroaniline	0.34	U	0.34	0.080	mg/Kg	☼	10/06/25 21:57	10/07/25 16:22	1
4,6-Dinitro-2-methylphenol	0.27	U	0.27	0.14	mg/Kg	☼	10/06/25 21:57	10/07/25 16:22	1
4-Bromophenyl phenyl ether	0.34	U	0.34	0.013	mg/Kg	☼	10/06/25 21:57	10/07/25 16:22	1
4-Chloro-3-methylphenol	0.34	U	0.34	0.019	mg/Kg	☼	10/06/25 21:57	10/07/25 16:22	1
4-Chloroaniline	0.34	U	0.34	0.060	mg/Kg	☼	10/06/25 21:57	10/07/25 16:22	1
4-Chlorophenyl phenyl ether	0.34	U	0.34	0.012	mg/Kg	☼	10/06/25 21:57	10/07/25 16:22	1
4-Methylphenol	0.34	U	0.34	0.021	mg/Kg	☼	10/06/25 21:57	10/07/25 16:22	1
4-Nitroaniline	0.34	U	0.34	0.085	mg/Kg	☼	10/06/25 21:57	10/07/25 16:22	1
4-Nitrophenol	0.68	U	0.68	0.055	mg/Kg	☼	10/06/25 21:57	10/07/25 16:22	1
Acenaphthene	0.34	U	0.34	0.0096	mg/Kg	☼	10/06/25 21:57	10/07/25 16:22	1
Acenaphthylene	0.34	U	0.34	0.0096	mg/Kg	☼	10/06/25 21:57	10/07/25 16:22	1
Acetophenone	0.34	U	0.34	0.017	mg/Kg	☼	10/06/25 21:57	10/07/25 16:22	1
Anthracene	0.34	U	0.34	0.010	mg/Kg	☼	10/06/25 21:57	10/07/25 16:22	1
Atrazine	0.14	U	0.14	0.020	mg/Kg	☼	10/06/25 21:57	10/07/25 16:22	1
Benzaldehyde	0.34	U	0.34	0.056	mg/Kg	☼	10/06/25 21:57	10/07/25 16:22	1
Benzo[a]anthracene	0.034	U	0.034	0.025	mg/Kg	☼	10/06/25 21:57	10/07/25 16:22	1
Benzo[a]pyrene	0.034	U	0.034	0.0090	mg/Kg	☼	10/06/25 21:57	10/07/25 16:22	1
Benzo[b]fluoranthene	0.034	U	0.034	0.0087	mg/Kg	☼	10/06/25 21:57	10/07/25 16:22	1
Benzo[g,h,i]perylene	0.34	U	0.34	0.0099	mg/Kg	☼	10/06/25 21:57	10/07/25 16:22	1
Benzo[k]fluoranthene	0.034	U	0.034	0.0066	mg/Kg	☼	10/06/25 21:57	10/07/25 16:22	1
Bis(2-chloroethoxy)methane	0.34	U	0.34	0.062	mg/Kg	☼	10/06/25 21:57	10/07/25 16:22	1
Bis(2-chloroethyl)ether	0.034	U	0.034	0.012	mg/Kg	☼	10/06/25 21:57	10/07/25 16:22	1
Bis(2-ethylhexyl) phthalate	0.34	U	0.34	0.018	mg/Kg	☼	10/06/25 21:57	10/07/25 16:22	1
Butyl benzyl phthalate	0.34	U	0.34	0.016	mg/Kg	☼	10/06/25 21:57	10/07/25 16:22	1
Caprolactam	0.34	U	0.34	0.052	mg/Kg	☼	10/06/25 21:57	10/07/25 16:22	1
Carbazole	0.34	U	0.34	0.013	mg/Kg	☼	10/06/25 21:57	10/07/25 16:22	1
Chrysene	0.34	U	0.34	0.014	mg/Kg	☼	10/06/25 21:57	10/07/25 16:22	1
Dibenz(a,h)anthracene	0.034	U	0.034	0.015	mg/Kg	☼	10/06/25 21:57	10/07/25 16:22	1
Dibenzofuran	0.34	U	0.34	0.011	mg/Kg	☼	10/06/25 21:57	10/07/25 16:22	1

Client Sample ID: 1A_0-7
Date Collected: 10/03/25 08:20
Date Received: 10/03/25 16:15

Lab Sample ID: 460-336467-5
Matrix: Solid
Percent Solids: 97.6

Method: SW846 8270E - Semivolatile Organic Compounds (GC/MS) (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Diethyl phthalate	0.34	U	0.34	0.011	mg/Kg	☼	10/06/25 21:57	10/07/25 16:22	1
Dimethyl phthalate	0.34	U	0.34	0.076	mg/Kg	☼	10/06/25 21:57	10/07/25 16:22	1
Di-n-butyl phthalate	0.34	U	0.34	0.013	mg/Kg	☼	10/06/25 21:57	10/07/25 16:22	1
Di-n-octyl phthalate	0.34	U	0.34	0.018	mg/Kg	☼	10/06/25 21:57	10/07/25 16:22	1
Fluoranthene	0.34	U	0.34	0.012	mg/Kg	☼	10/06/25 21:57	10/07/25 16:22	1
Fluorene	0.34	U	0.34	0.0098	mg/Kg	☼	10/06/25 21:57	10/07/25 16:22	1
Hexachlorobenzene	0.034	U	0.034	0.016	mg/Kg	☼	10/06/25 21:57	10/07/25 16:22	1
Hexachlorobutadiene	0.068	U	0.068	0.0072	mg/Kg	☼	10/06/25 21:57	10/07/25 16:22	1
Hexachlorocyclopentadiene	0.34	U	0.34	0.030	mg/Kg	☼	10/06/25 21:57	10/07/25 16:22	1
Hexachloroethane	0.034	U	0.034	0.012	mg/Kg	☼	10/06/25 21:57	10/07/25 16:22	1
Indeno[1,2,3-cd]pyrene	0.034	U	0.034	0.013	mg/Kg	☼	10/06/25 21:57	10/07/25 16:22	1
Isophorone	0.14	U	0.14	0.097	mg/Kg	☼	10/06/25 21:57	10/07/25 16:22	1
Naphthalene	0.34	U	0.34	0.0058	mg/Kg	☼	10/06/25 21:57	10/07/25 16:22	1
Nitrobenzene	0.034	U	0.034	0.019	mg/Kg	☼	10/06/25 21:57	10/07/25 16:22	1
N-Nitrosodi-n-propylamine	0.034	U	0.034	0.024	mg/Kg	☼	10/06/25 21:57	10/07/25 16:22	1
N-Nitrosodiphenylamine	0.34	U	0.34	0.028	mg/Kg	☼	10/06/25 21:57	10/07/25 16:22	1
Pentachlorophenol	0.27	U	0.27	0.069	mg/Kg	☼	10/06/25 21:57	10/07/25 16:22	1
Phenanthrene	0.34	U	0.34	0.014	mg/Kg	☼	10/06/25 21:57	10/07/25 16:22	1
Phenol	0.34	U	0.34	0.012	mg/Kg	☼	10/06/25 21:57	10/07/25 16:22	1
Pyrene	0.34	U	0.34	0.0084	mg/Kg	☼	10/06/25 21:57	10/07/25 16:22	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
2,4,6-Tribromophenol (Surr)	*75*		*18 - 137*	*10/06/25 21:57*	*10/07/25 16:22*	*1*
2-Fluorobiphenyl	*70*		*33 - 117*	*10/06/25 21:57*	*10/07/25 16:22*	*1*
2-Fluorophenol (Surr)	*68*		*24 - 120*	*10/06/25 21:57*	*10/07/25 16:22*	*1*
Nitrobenzene-d5 (Surr)	*63*		*27 - 120*	*10/06/25 21:57*	*10/07/25 16:22*	*1*
Phenol-d5 (Surr)	*64*		*28 - 118*	*10/06/25 21:57*	*10/07/25 16:22*	*1*
Terphenyl-d14 (Surr)	*74*		*33 - 124*	*10/06/25 21:57*	*10/07/25 16:22*	*1*

Method: SW846 8081B - Organochlorine Pesticides (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
4,4'-DDD	0.0068	U	0.0068	0.0012	mg/Kg	☼	10/06/25 10:37	10/07/25 08:41	1
4,4'-DDE	0.0068	U	0.0068	0.00081	mg/Kg	☼	10/06/25 10:37	10/07/25 08:41	1
4,4'-DDT	0.0068	U	0.0068	0.0013	mg/Kg	☼	10/06/25 10:37	10/07/25 08:41	1
Aldrin	0.0068	U	0.0068	0.0010	mg/Kg	☼	10/06/25 10:37	10/07/25 08:41	1
alpha-BHC	0.0020	U	0.0020	0.00069	mg/Kg	☼	10/06/25 10:37	10/07/25 08:41	1
beta-BHC	0.0020	U	0.0020	0.00077	mg/Kg	☼	10/06/25 10:37	10/07/25 08:41	1
Chlordane (technical)	0.068	U	0.068	0.017	mg/Kg	☼	10/06/25 10:37	10/07/25 08:41	1
cis-Chlordane	0.0068	U	0.0068	0.0011	mg/Kg	☼	10/06/25 10:37	10/07/25 08:41	1
delta-BHC	0.0020	U	0.0020	0.00042	mg/Kg	☼	10/06/25 10:37	10/07/25 08:41	1
Dieldrin	0.0020	U	0.0020	0.00089	mg/Kg	☼	10/06/25 10:37	10/07/25 08:41	1
Endosulfan I	0.0068	U	0.0068	0.0010	mg/Kg	☼	10/06/25 10:37	10/07/25 08:41	1
Endosulfan II	0.0068	U	0.0068	0.0018	mg/Kg	☼	10/06/25 10:37	10/07/25 08:41	1
Endosulfan sulfate	0.0068	U	0.0068	0.00086	mg/Kg	☼	10/06/25 10:37	10/07/25 08:41	1
Endrin	0.0068	U	0.0068	0.00098	mg/Kg	☼	10/06/25 10:37	10/07/25 08:41	1
Endrin aldehyde	0.0068	U	0.0068	0.0016	mg/Kg	☼	10/06/25 10:37	10/07/25 08:41	1
Endrin ketone	0.0068	U	0.0068	0.0013	mg/Kg	☼	10/06/25 10:37	10/07/25 08:41	1
gamma-BHC (Lindane)	0.0020	U	0.0020	0.00063	mg/Kg	☼	10/06/25 10:37	10/07/25 08:41	1
Heptachlor	0.0068	U	0.0068	0.00081	mg/Kg	☼	10/06/25 10:37	10/07/25 08:41	1
Heptachlor epoxide	0.0068	U	0.0068	0.0010	mg/Kg	☼	10/06/25 10:37	10/07/25 08:41	1

Client Sample ID: 1A_0-7
Date Collected: 10/03/25 08:20
Date Received: 10/03/25 16:15

Lab Sample ID: 460-336467-5
Matrix: Solid
Percent Solids: 97.6

Method: SW846 8081B - Organochlorine Pesticides (GC) (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Methoxychlor	0.0068	U	0.0068	0.0016	mg/Kg	☼	10/06/25 10:37	10/07/25 08:41	1
Toxaphene	0.068	U	0.068	0.025	mg/Kg	☼	10/06/25 10:37	10/07/25 08:41	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
DCB Decachlorobiphenyl	*43*		*10 - 150*	*10/06/25 10:37*	*10/07/25 08:41*	*1*
DCB Decachlorobiphenyl	*44*		*10 - 150*	*10/06/25 10:37*	*10/07/25 08:41*	*1*
Tetrachloro-m-xylene	*72*		*14 - 150*	*10/06/25 10:37*	*10/07/25 08:41*	*1*
Tetrachloro-m-xylene	*66*		*14 - 150*	*10/06/25 10:37*	*10/07/25 08:41*	*1*

Method: SW846 8082A - Polychlorinated Biphenyls (PCBs) by Gas Chromatography

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Aroclor 1016	0.068	U	0.068	0.018	mg/Kg	☼	10/06/25 10:33	10/07/25 21:07	1
Aroclor 1221	0.068	U	0.068	0.018	mg/Kg	☼	10/06/25 10:33	10/07/25 21:07	1
Aroclor 1232	0.068	U	0.068	0.018	mg/Kg	☼	10/06/25 10:33	10/07/25 21:07	1
Aroclor 1242	0.068	U	0.068	0.018	mg/Kg	☼	10/06/25 10:33	10/07/25 21:07	1
Aroclor 1248	0.068	U	0.068	0.018	mg/Kg	☼	10/06/25 10:33	10/07/25 21:07	1
Aroclor 1254	0.068	U	0.068	0.018	mg/Kg	☼	10/06/25 10:33	10/07/25 21:07	1
Aroclor 1260	0.068	U	0.068	0.018	mg/Kg	☼	10/06/25 10:33	10/07/25 21:07	1
Aroclor-1262	0.068	U	0.068	0.018	mg/Kg	☼	10/06/25 10:33	10/07/25 21:07	1
Aroclor 1268	0.068	U	0.068	0.018	mg/Kg	☼	10/06/25 10:33	10/07/25 21:07	1
Polychlorinated biphenyls, Total	0.068	U	0.068	0.018	mg/Kg	☼	10/06/25 10:33	10/07/25 21:07	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
DCB Decachlorobiphenyl	*61*		*10 - 150*	*10/06/25 10:33*	*10/07/25 21:07*	*1*
DCB Decachlorobiphenyl	*59*		*10 - 150*	*10/06/25 10:33*	*10/07/25 21:07*	*1*
Tetrachloro-m-xylene	*115*		*10 - 150*	*10/06/25 10:33*	*10/07/25 21:07*	*1*
Tetrachloro-m-xylene	*120*		*10 - 150*	*10/06/25 10:33*	*10/07/25 21:07*	*1*

Method: EPA 1633A - Per- and Polyfluoroalkyl Substances by LC/MS/MS, 1633A

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Perfluorobutanoic acid (PFBA)	0.39	U	0.39	0.099	ug/Kg	☼	10/08/25 14:09	10/09/25 16:30	1
Perfluoropentanoic acid (PFPeA)	0.20	U	0.20	0.099	ug/Kg	☼	10/08/25 14:09	10/09/25 16:30	1
Perfluorohexanoic acid (PFHxA)	0.20	U	0.20	0.099	ug/Kg	☼	10/08/25 14:09	10/09/25 16:30	1
Perfluoroheptanoic acid (PFHpA)	0.20	U	0.20	0.099	ug/Kg	☼	10/08/25 14:09	10/09/25 16:30	1
Perfluorooctanoic acid (PFOA)	**0.064**	**J**	0.20	0.059	ug/Kg	☼	10/08/25 14:09	10/09/25 16:30	1
Perfluorononanoic acid (PFNA)	0.20	U	0.20	0.099	ug/Kg	☼	10/08/25 14:09	10/09/25 16:30	1
Perfluorodecanoic acid (PFDA)	**0.070**	**J**	0.20	0.059	ug/Kg	☼	10/08/25 14:09	10/09/25 16:30	1
Perfluoroundecanoic acid (PFUnA)	**0.22**		0.20	0.099	ug/Kg	☼	10/08/25 14:09	10/09/25 16:30	1
Perfluorododecanoic acid (PFDoA)	0.20	U	0.20	0.099	ug/Kg	☼	10/08/25 14:09	10/09/25 16:30	1
Perfluorotridecanoic acid (PFTrDA)	**0.24**		0.20	0.099	ug/Kg	☼	10/08/25 14:09	10/09/25 16:30	1
Perfluorotetradecanoic acid (PFTeDA)	0.20	U	0.20	0.099	ug/Kg	☼	10/08/25 14:09	10/09/25 16:30	1
Perfluorobutanesulfonic acid (PFBS)	0.20	U	0.20	0.099	ug/Kg	☼	10/08/25 14:09	10/09/25 16:30	1
Perfluoropentanesulfonic acid (PFPeS)	0.20	U	0.20	0.099	ug/Kg	☼	10/08/25 14:09	10/09/25 16:30	1
Perfluorohexanesulfonic acid (PFHxS)	0.20	U	0.20	0.099	ug/Kg	☼	10/08/25 14:09	10/09/25 16:30	1
Perfluoroheptanesulfonic acid (PFHpS)	0.20	U	0.20	0.099	ug/Kg	☼	10/08/25 14:09	10/09/25 16:30	1
Perfluorooctanesulfonic acid (PFOS)	0.20	U	0.20	0.099	ug/Kg	☼	10/08/25 14:09	10/09/25 16:30	1
Perfluorononanesulfonic acid (PFNS)	0.20	U	0.20	0.099	ug/Kg	☼	10/08/25 14:09	10/09/25 16:30	1

Client Sample ID: 1A_0-7
Date Collected: 10/03/25 08:20
Date Received: 10/03/25 16:15

Lab Sample ID: 460-336467-5
Matrix: Solid
Percent Solids: 97.6

Method: EPA 1633A - Per- and Polyfluoroalkyl Substances by LC/MS/MS, 1633A (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Perfluorodecanesulfonic acid (PFDS)	0.20	U	0.20	0.099	ug/Kg	☼	10/08/25 14:09	10/09/25 16:30	1
Perfluorododecanesulfonic acid (PFDoS)	0.20	U	0.20	0.099	ug/Kg	☼	10/08/25 14:09	10/09/25 16:30	1
1H,1H,2H,2H-Perfluorohexane sulfonic acid (4:2 FTS)	0.39	U	0.39	0.20	ug/Kg	☼	10/08/25 14:09	10/09/25 16:30	1
1H,1H,2H,2H-Perfluorooctane sulfonic acid (6:2 FTS)	0.39	U	0.39	0.20	ug/Kg	☼	10/08/25 14:09	10/09/25 16:30	1
1H,1H,2H,2H-Perfluorodecane sulfonic acid (8:2 FTS)	0.39	U	0.39	0.20	ug/Kg	☼	10/08/25 14:09	10/09/25 16:30	1
Perfluorooctanesulfonamide (PFOSA)	0.20	U	0.20	0.099	ug/Kg	☼	10/08/25 14:09	10/09/25 16:30	1
N-methylperfluorooctane sulfonamide (NMeFOSA)	0.20	U	0.20	0.099	ug/Kg	☼	10/08/25 14:09	10/09/25 16:30	1
N-ethylperfluorooctane sulfonamide (NEtFOSA)	0.20	U	0.20	0.099	ug/Kg	☼	10/08/25 14:09	10/09/25 16:30	1
N-methylperfluorooctanesulfonamidoacetic acid (NMeFOSAA)	0.20	U	0.20	0.099	ug/Kg	☼	10/08/25 14:09	10/09/25 16:30	1
N-ethylperfluorooctanesulfonamidoacetic acid (NEtFOSAA)	0.20	U	0.20	0.099	ug/Kg	☼	10/08/25 14:09	10/09/25 16:30	1
N-methylperfluorooctane sulfonamidoethanol (NMeFOSE)	0.99	U	0.99	0.49	ug/Kg	☼	10/08/25 14:09	10/09/25 16:30	1
N-ethylperfluorooctane sulfonamidoethanol (NEtFOSE)	0.99	U	0.99	0.49	ug/Kg	☼	10/08/25 14:09	10/09/25 16:30	1
Hexafluoropropylene Oxide Dimer Acid (HFPO-DA)	0.20	U	0.20	0.099	ug/Kg	☼	10/08/25 14:09	10/09/25 16:30	1
4,8-Dioxa-3H-perfluorononanoic acid (ADONA)	0.20	U	0.20	0.099	ug/Kg	☼	10/08/25 14:09	10/09/25 16:30	1
Perfluoro-3-methoxypropanoic acid (PFMPA)	0.20	U	0.20	0.099	ug/Kg	☼	10/08/25 14:09	10/09/25 16:30	1
Perfluoro-4-methoxybutanoic acid (PFMBA)	0.20	U	0.20	0.099	ug/Kg	☼	10/08/25 14:09	10/09/25 16:30	1
Nonafluoro-3,6-dioxaheptanoic acid (NFDHA)	0.20	U	0.20	0.099	ug/Kg	☼	10/08/25 14:09	10/09/25 16:30	1
9-Chlorohexadecafluoro-3-oxanonane-1-sulfonic acid (9Cl-PF3ONS)	0.20	U	0.20	0.099	ug/Kg	☼	10/08/25 14:09	10/09/25 16:30	1
11-Chloroeicosafluoro-3-oxaundecane-1-sulfonic acid (11Cl-PF3OUdS)	0.20	U	0.20	0.099	ug/Kg	☼	10/08/25 14:09	10/09/25 16:30	1
Perfluoro (2-ethoxyethane) sulfonic acid (PFEESA)	0.20	U	0.20	0.099	ug/Kg	☼	10/08/25 14:09	10/09/25 16:30	1
3-Perfluoropropylpropanoic acid (3:3 FTCA)	0.39	U	0.39	0.20	ug/Kg	☼	10/08/25 14:09	10/09/25 16:30	1
3-Perfluoropentylpropanoic acid (5:3 FTCA)	0.99	U	0.99	0.49	ug/Kg	☼	10/08/25 14:09	10/09/25 16:30	1
3-Perfluoroheptylpropanoic acid (7:3 FTCA)	0.99	U	0.99	0.49	ug/Kg	☼	10/08/25 14:09	10/09/25 16:30	1

Isotope Dilution	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
13C4 PFBA	*104*		*8 - 130*	*10/08/25 14:09*	*10/09/25 16:30*	*1*
13C5 PFPeA	*95.5*		*35 - 130*	*10/08/25 14:09*	*10/09/25 16:30*	*1*
13C5 PFHxA	*96.3*		*40 - 130*	*10/08/25 14:09*	*10/09/25 16:30*	*1*
13C4 PFHpA	*102*		*40 - 130*	*10/08/25 14:09*	*10/09/25 16:30*	*1*
13C8 PFOA	*92.4*		*40 - 130*	*10/08/25 14:09*	*10/09/25 16:30*	*1*
13C9 PFNA	*101*		*40 - 130*	*10/08/25 14:09*	*10/09/25 16:30*	*1*
13C6 PFDA	*95.1*		*40 - 130*	*10/08/25 14:09*	*10/09/25 16:30*	*1*
13C7 PFUnA	*103*		*40 - 130*	*10/08/25 14:09*	*10/09/25 16:30*	*1*
13C2 PFTeDA	*82.0*		*20 - 130*	*10/08/25 14:09*	*10/09/25 16:30*	*1*

Client Sample ID: 1A_0-7

Date Collected: 10/03/25 08:20
Date Received: 10/03/25 16:15

Lab Sample ID: 460-336467-5

Matrix: Solid
Percent Solids: 97.6

Method: EPA 1633A - Per- and Polyfluoroalkyl Substances by LC/MS/MS, 1633A (Continued)

Isotope Dilution	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
13C3 PFBS	97.8		40 - 135	10/08/25 14:09	10/09/25 16:30	1
13C3 PFHxS	88.2		40 - 130	10/08/25 14:09	10/09/25 16:30	1
13C8 PFOS	81.8		40 - 130	10/08/25 14:09	10/09/25 16:30	1
13C8 FOSA	75.9		40 - 130	10/08/25 14:09	10/09/25 16:30	1
d3-NMeFOSAA	70.0		40 - 135	10/08/25 14:09	10/09/25 16:30	1
d5-NEtFOSAA	94.0		40 - 150	10/08/25 14:09	10/09/25 16:30	1
13C2 4:2 FTS	90.8		40 - 165	10/08/25 14:09	10/09/25 16:30	1
13C2 6:2 FTS	85.0		40 - 215	10/08/25 14:09	10/09/25 16:30	1
13C2 8:2 FTS	77.3		40 - 275	10/08/25 14:09	10/09/25 16:30	1
13C3 HFPO-DA	99.3		40 - 130	10/08/25 14:09	10/09/25 16:30	1
d7-N-MeFOSE-M	55.8		20 - 130	10/08/25 14:09	10/09/25 16:30	1
d9-N-EtFOSE-M	44.4		15 - 130	10/08/25 14:09	10/09/25 16:30	1
d5-NEtPFOSA	66.2		10 - 130	10/08/25 14:09	10/09/25 16:30	1
d3-NMePFOSA	75.3		10 - 130	10/08/25 14:09	10/09/25 16:30	1
13C2 PFDoA	89.4		40 - 130	10/08/25 14:09	10/09/25 16:30	1

Method: SW846 6020B - Metals (ICP/MS)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Aluminum	5040		18.0	4.9	mg/Kg	☼	10/09/25 07:08	10/09/25 17:10	1
Antimony	0.59	J	0.90	0.13	mg/Kg	☼	10/09/25 07:08	10/09/25 17:10	1
Arsenic	7.4		0.90	0.093	mg/Kg	☼	10/09/25 07:08	10/09/25 17:10	1
Barium	33.5		1.8	0.13	mg/Kg	☼	10/09/25 07:08	10/09/25 17:10	1
Beryllium	0.47		0.36	0.020	mg/Kg	☼	10/09/25 07:08	10/09/25 17:10	1
Cadmium	0.20	J	0.90	0.10	mg/Kg	☼	10/09/25 07:08	10/09/25 17:10	1
Calcium	2280		89.9	8.7	mg/Kg	☼	10/09/25 07:08	10/09/25 17:10	1
Chromium	16.0		1.8	0.27	mg/Kg	☼	10/09/25 07:08	10/09/25 17:10	1
Cobalt	4.6		0.90	0.13	mg/Kg	☼	10/09/25 07:08	10/09/25 17:10	1
Copper	37.1		1.8	0.33	mg/Kg	☼	10/09/25 07:08	10/09/25 17:10	1
Iron	17400		54.0	6.9	mg/Kg	☼	10/09/25 07:08	10/09/25 17:10	1
Lead	54.3		0.54	0.18	mg/Kg	☼	10/09/25 07:08	10/09/25 17:10	1
Magnesium	2300		89.9	9.2	mg/Kg	☼	10/09/25 07:08	10/09/25 17:10	1
Manganese	221		3.6	0.36	mg/Kg	☼	10/09/25 07:08	10/09/25 17:10	1
Nickel	9.5		1.8	0.16	mg/Kg	☼	10/09/25 07:08	10/09/25 17:10	1
Potassium	577		89.9	14.6	mg/Kg	☼	10/09/25 07:08	10/09/25 17:10	1
Selenium	0.42	J	1.1	0.12	mg/Kg	☼	10/09/25 07:08	10/09/25 17:10	1
Silver	0.23	J	0.36	0.080	mg/Kg	☼	10/09/25 07:08	10/09/25 17:10	1
Sodium	60.0	J	89.9	41.1	mg/Kg	☼	10/09/25 07:08	10/09/25 17:10	1
Thallium	0.080	J	0.36	0.037	mg/Kg	☼	10/09/25 07:08	10/09/25 17:10	1
Vanadium	19.6		1.8	0.19	mg/Kg	☼	10/09/25 07:08	10/09/25 17:10	1
Zinc	41.5		7.2	0.98	mg/Kg	☼	10/09/25 07:08	10/09/25 17:10	1

Method: SW846 7471B - Mercury (CVAA)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	0.034		0.017	0.0078	mg/Kg	☼	10/13/25 07:47	10/13/25 15:00	1

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Percent Moisture (EPA Moisture)	2.4		1.0	1.0	%			10/07/25 16:17	1
Percent Solids (EPA Moisture)	97.6		1.0	1.0	%			10/07/25 16:17	1

Client Sample ID: 1A_7-14
Date Collected: 10/03/25 08:25
Date Received: 10/03/25 16:15

Lab Sample ID: 460-336467-6
Matrix: Solid
Percent Solids: 93.5

Method: SW846 8270E - Semivolatile Organic Compounds (GC/MS)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1'-Biphenyl	0.35	U	0.35	0.012	mg/Kg	☼	10/06/25 21:57	10/07/25 12:31	1
1,2,4,5-Tetrachlorobenzene	0.35	U	0.35	0.011	mg/Kg	☼	10/06/25 21:57	10/07/25 12:31	1
1,4-Dioxane	0.035	U	0.035	0.031	mg/Kg	☼	10/06/25 21:57	10/07/25 12:31	1
2,2'-oxybis[1-chloropropane]	0.35	U	0.35	0.021	mg/Kg	☼	10/06/25 21:57	10/07/25 12:31	1
2,3,4,6-Tetrachlorophenol	0.35	U	0.35	0.024	mg/Kg	☼	10/06/25 21:57	10/07/25 12:31	1
2,4,5-Trichlorophenol	0.35	U	0.35	0.036	mg/Kg	☼	10/06/25 21:57	10/07/25 12:31	1
2,4,6-Trichlorophenol	0.14	U	0.14	0.045	mg/Kg	☼	10/06/25 21:57	10/07/25 12:31	1
2,4-Dichlorophenol	0.14	U	0.14	0.023	mg/Kg	☼	10/06/25 21:57	10/07/25 12:31	1
2,4-Dimethylphenol	0.35	U	0.35	0.042	mg/Kg	☼	10/06/25 21:57	10/07/25 12:31	1
2,4-Dinitrophenol	0.28	U	0.28	0.17	mg/Kg	☼	10/06/25 21:57	10/07/25 12:31	1
2,4-Dinitrotoluene	0.071	U	0.071	0.038	mg/Kg	☼	10/06/25 21:57	10/07/25 12:31	1
2,6-Dinitrotoluene	0.071	U	0.071	0.025	mg/Kg	☼	10/06/25 21:57	10/07/25 12:31	1
2-Chloronaphthalene	0.35	U	0.35	0.045	mg/Kg	☼	10/06/25 21:57	10/07/25 12:31	1
2-Chlorophenol	0.35	U	0.35	0.013	mg/Kg	☼	10/06/25 21:57	10/07/25 12:31	1
2-Methylnaphthalene	0.35	U	0.35	0.0099	mg/Kg	☼	10/06/25 21:57	10/07/25 12:31	1
2-Methylphenol	0.35	U	0.35	0.013	mg/Kg	☼	10/06/25 21:57	10/07/25 12:31	1
2-Nitroaniline	0.35	U	0.35	0.027	mg/Kg	☼	10/06/25 21:57	10/07/25 12:31	1
2-Nitrophenol	0.35	U	0.35	0.035	mg/Kg	☼	10/06/25 21:57	10/07/25 12:31	1
3 & 4 Methylphenol	0.35	U	0.35	0.022	mg/Kg	☼	10/06/25 21:57	10/07/25 12:31	1
3,3'-Dichlorobenzidine	0.14	U	0.14	0.053	mg/Kg	☼	10/06/25 21:57	10/07/25 12:31	1
3-Nitroaniline	0.35	U	0.35	0.084	mg/Kg	☼	10/06/25 21:57	10/07/25 12:31	1
4,6-Dinitro-2-methylphenol	0.28	U	0.28	0.14	mg/Kg	☼	10/06/25 21:57	10/07/25 12:31	1
4-Bromophenyl phenyl ether	0.35	U	0.35	0.014	mg/Kg	☼	10/06/25 21:57	10/07/25 12:31	1
4-Chloro-3-methylphenol	0.35	U	0.35	0.020	mg/Kg	☼	10/06/25 21:57	10/07/25 12:31	1
4-Chloroaniline	0.35	U	0.35	0.063	mg/Kg	☼	10/06/25 21:57	10/07/25 12:31	1
4-Chlorophenyl phenyl ether	0.35	U	0.35	0.012	mg/Kg	☼	10/06/25 21:57	10/07/25 12:31	1
4-Methylphenol	0.35	U	0.35	0.022	mg/Kg	☼	10/06/25 21:57	10/07/25 12:31	1
4-Nitroaniline	0.35	U	0.35	0.089	mg/Kg	☼	10/06/25 21:57	10/07/25 12:31	1
4-Nitrophenol	0.71	U	0.71	0.057	mg/Kg	☼	10/06/25 21:57	10/07/25 12:31	1
Acenaphthene	0.35	U	0.35	0.010	mg/Kg	☼	10/06/25 21:57	10/07/25 12:31	1
Acenaphthylene	0.35	U	0.35	0.010	mg/Kg	☼	10/06/25 21:57	10/07/25 12:31	1
Acetophenone	0.35	U	0.35	0.017	mg/Kg	☼	10/06/25 21:57	10/07/25 12:31	1
Anthracene	0.35	U	0.35	0.011	mg/Kg	☼	10/06/25 21:57	10/07/25 12:31	1
Atrazine	0.14	U	0.14	0.021	mg/Kg	☼	10/06/25 21:57	10/07/25 12:31	1
Benzaldehyde	0.35	U	0.35	0.058	mg/Kg	☼	10/06/25 21:57	10/07/25 12:31	1
Benzo[a]anthracene	0.035	U	0.035	0.027	mg/Kg	☼	10/06/25 21:57	10/07/25 12:31	1
Benzo[a]pyrene	0.035	U	0.035	0.0094	mg/Kg	☼	10/06/25 21:57	10/07/25 12:31	1
Benzo[b]fluoranthene	0.035	U	0.035	0.0091	mg/Kg	☼	10/06/25 21:57	10/07/25 12:31	1
Benzo[g,h,i]perylene	0.35	U	0.35	0.010	mg/Kg	☼	10/06/25 21:57	10/07/25 12:31	1
Benzo[k]fluoranthene	0.035	U	0.035	0.0069	mg/Kg	☼	10/06/25 21:57	10/07/25 12:31	1
Bis(2-chloroethoxy)methane	0.35	U	0.35	0.065	mg/Kg	☼	10/06/25 21:57	10/07/25 12:31	1
Bis(2-chloroethyl)ether	0.035	U	0.035	0.012	mg/Kg	☼	10/06/25 21:57	10/07/25 12:31	1
Bis(2-ethylhexyl) phthalate	0.35	U	0.35	0.019	mg/Kg	☼	10/06/25 21:57	10/07/25 12:31	1
Butyl benzyl phthalate	0.35	U	0.35	0.017	mg/Kg	☼	10/06/25 21:57	10/07/25 12:31	1
Caprolactam	0.35	U	0.35	0.055	mg/Kg	☼	10/06/25 21:57	10/07/25 12:31	1
Carbazole	0.35	U	0.35	0.013	mg/Kg	☼	10/06/25 21:57	10/07/25 12:31	1
Chrysene	0.35	U	0.35	0.015	mg/Kg	☼	10/06/25 21:57	10/07/25 12:31	1
Dibenz(a,h)anthracene	0.035	U	0.035	0.015	mg/Kg	☼	10/06/25 21:57	10/07/25 12:31	1
Dibenzofuran	0.35	U	0.35	0.012	mg/Kg	☼	10/06/25 21:57	10/07/25 12:31	1

Client Sample ID: 1A_7-14
Date Collected: 10/03/25 08:25
Date Received: 10/03/25 16:15

Lab Sample ID: 460-336467-6
Matrix: Solid
Percent Solids: 93.5

Method: SW846 8270E - Semivolatile Organic Compounds (GC/MS) (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Diethyl phthalate	0.35	U	0.35	0.011	mg/Kg	☼	10/06/25 21:57	10/07/25 12:31	1
Dimethyl phthalate	0.35	U	0.35	0.080	mg/Kg	☼	10/06/25 21:57	10/07/25 12:31	1
Di-n-butyl phthalate	0.35	U	0.35	0.013	mg/Kg	☼	10/06/25 21:57	10/07/25 12:31	1
Di-n-octyl phthalate	0.35	U	0.35	0.019	mg/Kg	☼	10/06/25 21:57	10/07/25 12:31	1
Fluoranthene	0.35	U	0.35	0.012	mg/Kg	☼	10/06/25 21:57	10/07/25 12:31	1
Fluorene	0.35	U	0.35	0.010	mg/Kg	☼	10/06/25 21:57	10/07/25 12:31	1
Hexachlorobenzene	0.035	U	0.035	0.017	mg/Kg	☼	10/06/25 21:57	10/07/25 12:31	1
Hexachlorobutadiene	0.071	U	0.071	0.0075	mg/Kg	☼	10/06/25 21:57	10/07/25 12:31	1
Hexachlorocyclopentadiene	0.35	U	0.35	0.031	mg/Kg	☼	10/06/25 21:57	10/07/25 12:31	1
Hexachloroethane	0.035	U	0.035	0.012	mg/Kg	☼	10/06/25 21:57	10/07/25 12:31	1
Indeno[1,2,3-cd]pyrene	0.035	U	0.035	0.014	mg/Kg	☼	10/06/25 21:57	10/07/25 12:31	1
Isophorone	0.14	U	0.14	0.10	mg/Kg	☼	10/06/25 21:57	10/07/25 12:31	1
Naphthalene	0.35	U	0.35	0.0061	mg/Kg	☼	10/06/25 21:57	10/07/25 12:31	1
Nitrobenzene	0.035	U	0.035	0.020	mg/Kg	☼	10/06/25 21:57	10/07/25 12:31	1
N-Nitrosodi-n-propylamine	0.035	U	0.035	0.026	mg/Kg	☼	10/06/25 21:57	10/07/25 12:31	1
N-Nitrosodiphenylamine	0.35	U	0.35	0.029	mg/Kg	☼	10/06/25 21:57	10/07/25 12:31	1
Pentachlorophenol	0.28	U	0.28	0.072	mg/Kg	☼	10/06/25 21:57	10/07/25 12:31	1
Phenanthrene	0.35	U	0.35	0.014	mg/Kg	☼	10/06/25 21:57	10/07/25 12:31	1
Phenol	0.35	U	0.35	0.013	mg/Kg	☼	10/06/25 21:57	10/07/25 12:31	1
Pyrene	0.35	U	0.35	0.0088	mg/Kg	☼	10/06/25 21:57	10/07/25 12:31	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
2,4,6-Tribromophenol (Surr)	*77*		*18 - 137*	*10/06/25 21:57*	*10/07/25 12:31*	*1*
2-Fluorobiphenyl	*75*		*33 - 117*	*10/06/25 21:57*	*10/07/25 12:31*	*1*
2-Fluorophenol (Surr)	*76*		*24 - 120*	*10/06/25 21:57*	*10/07/25 12:31*	*1*
Nitrobenzene-d5 (Surr)	*69*		*27 - 120*	*10/06/25 21:57*	*10/07/25 12:31*	*1*
Phenol-d5 (Surr)	*71*		*28 - 118*	*10/06/25 21:57*	*10/07/25 12:31*	*1*
Terphenyl-d14 (Surr)	*78*		*33 - 124*	*10/06/25 21:57*	*10/07/25 12:31*	*1*

Method: SW846 8081B - Organochlorine Pesticides (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
4,4'-DDD	0.0071	U	0.0071	0.0012	mg/Kg	☼	10/06/25 10:37	10/07/25 08:54	1
4,4'-DDE	0.0071	U	0.0071	0.00084	mg/Kg	☼	10/06/25 10:37	10/07/25 08:54	1
4,4'-DDT	0.0071	U	0.0071	0.0013	mg/Kg	☼	10/06/25 10:37	10/07/25 08:54	1
Aldrin	0.0071	U	0.0071	0.0011	mg/Kg	☼	10/06/25 10:37	10/07/25 08:54	1
alpha-BHC	0.0021	U	0.0021	0.00072	mg/Kg	☼	10/06/25 10:37	10/07/25 08:54	1
beta-BHC	0.0021	U	0.0021	0.00080	mg/Kg	☼	10/06/25 10:37	10/07/25 08:54	1
Chlordane (technical)	0.071	U	0.071	0.017	mg/Kg	☼	10/06/25 10:37	10/07/25 08:54	1
cis-Chlordane	0.0071	U	0.0071	0.0011	mg/Kg	☼	10/06/25 10:37	10/07/25 08:54	1
delta-BHC	0.0021	U	0.0021	0.00044	mg/Kg	☼	10/06/25 10:37	10/07/25 08:54	1
Dieldrin	0.0021	U	0.0021	0.00092	mg/Kg	☼	10/06/25 10:37	10/07/25 08:54	1
Endosulfan I	0.0071	U	0.0071	0.0011	mg/Kg	☼	10/06/25 10:37	10/07/25 08:54	1
Endosulfan II	0.0071	U	0.0071	0.0018	mg/Kg	☼	10/06/25 10:37	10/07/25 08:54	1
Endosulfan sulfate	0.0071	U	0.0071	0.00089	mg/Kg	☼	10/06/25 10:37	10/07/25 08:54	1
Endrin	0.0071	U	0.0071	0.0010	mg/Kg	☼	10/06/25 10:37	10/07/25 08:54	1
Endrin aldehyde	0.0071	U	0.0071	0.0017	mg/Kg	☼	10/06/25 10:37	10/07/25 08:54	1
Endrin ketone	0.0071	U	0.0071	0.0014	mg/Kg	☼	10/06/25 10:37	10/07/25 08:54	1
gamma-BHC (Lindane)	0.0021	U	0.0021	0.00066	mg/Kg	☼	10/06/25 10:37	10/07/25 08:54	1
Heptachlor	0.0071	U	0.0071	0.00084	mg/Kg	☼	10/06/25 10:37	10/07/25 08:54	1
Heptachlor epoxide	0.0071	U	0.0071	0.0011	mg/Kg	☼	10/06/25 10:37	10/07/25 08:54	1

Client Sample ID: 1A_7-14
Date Collected: 10/03/25 08:25
Date Received: 10/03/25 16:15

Lab Sample ID: 460-336467-6
Matrix: Solid
Percent Solids: 93.5

Method: SW846 8081B - Organochlorine Pesticides (GC) (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Methoxychlor	0.0071	U	0.0071	0.0016	mg/Kg	☼	10/06/25 10:37	10/07/25 08:54	1
Toxaphene	0.071	U	0.071	0.026	mg/Kg	☼	10/06/25 10:37	10/07/25 08:54	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
DCB Decachlorobiphenyl	*39*		*10 - 150*	*10/06/25 10:37*	*10/07/25 08:54*	*1*
DCB Decachlorobiphenyl	*39*		*10 - 150*	*10/06/25 10:37*	*10/07/25 08:54*	*1*
Tetrachloro-m-xylene	*66*		*14 - 150*	*10/06/25 10:37*	*10/07/25 08:54*	*1*
Tetrachloro-m-xylene	*60*		*14 - 150*	*10/06/25 10:37*	*10/07/25 08:54*	*1*

Method: SW846 8082A - Polychlorinated Biphenyls (PCBs) by Gas Chromatography

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Aroclor 1016	0.071	U	0.071	0.019	mg/Kg	☼	10/06/25 10:33	10/07/25 21:23	1
Aroclor 1221	0.071	U	0.071	0.019	mg/Kg	☼	10/06/25 10:33	10/07/25 21:23	1
Aroclor 1232	0.071	U	0.071	0.019	mg/Kg	☼	10/06/25 10:33	10/07/25 21:23	1
Aroclor 1242	0.071	U	0.071	0.019	mg/Kg	☼	10/06/25 10:33	10/07/25 21:23	1
Aroclor 1248	0.071	U	0.071	0.019	mg/Kg	☼	10/06/25 10:33	10/07/25 21:23	1
Aroclor 1254	0.071	U	0.071	0.019	mg/Kg	☼	10/06/25 10:33	10/07/25 21:23	1
Aroclor 1260	0.071	U	0.071	0.019	mg/Kg	☼	10/06/25 10:33	10/07/25 21:23	1
Aroclor-1262	0.071	U	0.071	0.019	mg/Kg	☼	10/06/25 10:33	10/07/25 21:23	1
Aroclor 1268	0.071	U	0.071	0.019	mg/Kg	☼	10/06/25 10:33	10/07/25 21:23	1
Polychlorinated biphenyls, Total	0.071	U	0.071	0.019	mg/Kg	☼	10/06/25 10:33	10/07/25 21:23	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
DCB Decachlorobiphenyl	*63*		*10 - 150*	*10/06/25 10:33*	*10/07/25 21:23*	*1*
DCB Decachlorobiphenyl	*64*		*10 - 150*	*10/06/25 10:33*	*10/07/25 21:23*	*1*
Tetrachloro-m-xylene	*114*		*10 - 150*	*10/06/25 10:33*	*10/07/25 21:23*	*1*
Tetrachloro-m-xylene	*118*		*10 - 150*	*10/06/25 10:33*	*10/07/25 21:23*	*1*

Method: EPA 1633A - Per- and Polyfluoroalkyl Substances by LC/MS/MS, 1633A

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Perfluorobutanoic acid (PFBA)	0.40	U	0.40	0.099	ug/Kg	☼	10/08/25 14:09	10/09/25 16:43	1
Perfluoropentanoic acid (PFPeA)	0.20	U	0.20	0.099	ug/Kg	☼	10/08/25 14:09	10/09/25 16:43	1
Perfluorohexanoic acid (PFHxA)	0.20	U	0.20	0.099	ug/Kg	☼	10/08/25 14:09	10/09/25 16:43	1
Perfluoroheptanoic acid (PFHpA)	0.20	U	0.20	0.099	ug/Kg	☼	10/08/25 14:09	10/09/25 16:43	1
Perfluorooctanoic acid (PFOA)	0.20	U	0.20	0.060	ug/Kg	☼	10/08/25 14:09	10/09/25 16:43	1
Perfluorononanoic acid (PFNA)	0.20	U	0.20	0.099	ug/Kg	☼	10/08/25 14:09	10/09/25 16:43	1
Perfluorodecanoic acid (PFDA)	**0.084**	**J**	0.20	0.060	ug/Kg	☼	10/08/25 14:09	10/09/25 16:43	1
Perfluoroundecanoic acid (PFUnA)	**0.23**		0.20	0.099	ug/Kg	☼	10/08/25 14:09	10/09/25 16:43	1
Perfluorododecanoic acid (PFDoA)	0.20	U	0.20	0.099	ug/Kg	☼	10/08/25 14:09	10/09/25 16:43	1
Perfluorotridecanoic acid (PFTrDA)	**0.16**	**J**	0.20	0.099	ug/Kg	☼	10/08/25 14:09	10/09/25 16:43	1
Perfluorotetradecanoic acid (PFTeDA)	0.20	U	0.20	0.099	ug/Kg	☼	10/08/25 14:09	10/09/25 16:43	1
Perfluorobutanesulfonic acid (PFBS)	0.20	U	0.20	0.099	ug/Kg	☼	10/08/25 14:09	10/09/25 16:43	1
Perfluoropentanesulfonic acid (PFPeS)	0.20	U	0.20	0.099	ug/Kg	☼	10/08/25 14:09	10/09/25 16:43	1
Perfluorohexanesulfonic acid (PFHxS)	0.20	U	0.20	0.099	ug/Kg	☼	10/08/25 14:09	10/09/25 16:43	1
Perfluoroheptanesulfonic acid (PFHpS)	0.20	U	0.20	0.099	ug/Kg	☼	10/08/25 14:09	10/09/25 16:43	1
Perfluorooctanesulfonic acid (PFOS)	0.20	U	0.20	0.099	ug/Kg	☼	10/08/25 14:09	10/09/25 16:43	1
Perfluorononanesulfonic acid (PFNS)	0.20	U	0.20	0.099	ug/Kg	☼	10/08/25 14:09	10/09/25 16:43	1

Client Sample ID: 1A_7-14
Date Collected: 10/03/25 08:25
Date Received: 10/03/25 16:15

Lab Sample ID: 460-336467-6
Matrix: Solid
Percent Solids: 93.5

Method: EPA 1633A - Per- and Polyfluoroalkyl Substances by LC/MS/MS, 1633A (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Perfluorodecanesulfonic acid (PFDS)	0.20	U	0.20	0.099	ug/Kg	☼	10/08/25 14:09	10/09/25 16:43	1
Perfluorododecanesulfonic acid (PFDoS)	0.20	U	0.20	0.099	ug/Kg	☼	10/08/25 14:09	10/09/25 16:43	1
1H,1H,2H,2H-Perfluorohexane sulfonic acid (4:2 FTS)	0.40	U	0.40	0.20	ug/Kg	☼	10/08/25 14:09	10/09/25 16:43	1
1H,1H,2H,2H-Perfluorooctane sulfonic acid (6:2 FTS)	0.40	U	0.40	0.20	ug/Kg	☼	10/08/25 14:09	10/09/25 16:43	1
1H,1H,2H,2H-Perfluorodecane sulfonic acid (8:2 FTS)	0.40	U	0.40	0.20	ug/Kg	☼	10/08/25 14:09	10/09/25 16:43	1
Perfluorooctanesulfonamide (PFOSA)	0.20	U	0.20	0.099	ug/Kg	☼	10/08/25 14:09	10/09/25 16:43	1
N-methylperfluorooctane sulfonamide (NMeFOSA)	0.20	U	0.20	0.099	ug/Kg	☼	10/08/25 14:09	10/09/25 16:43	1
N-ethylperfluorooctane sulfonamide (NEtFOSA)	0.20	U	0.20	0.099	ug/Kg	☼	10/08/25 14:09	10/09/25 16:43	1
N-methylperfluorooctanesulfonamidoacetic acid (NMeFOSAA)	0.20	U	0.20	0.099	ug/Kg	☼	10/08/25 14:09	10/09/25 16:43	1
N-ethylperfluorooctanesulfonamidoacetic acid (NEtFOSAA)	0.20	U	0.20	0.099	ug/Kg	☼	10/08/25 14:09	10/09/25 16:43	1
N-methylperfluorooctane sulfonamidoethanol (NMeFOSE)	0.99	U	0.99	0.50	ug/Kg	☼	10/08/25 14:09	10/09/25 16:43	1
N-ethylperfluorooctane sulfonamidoethanol (NEtFOSE)	0.99	U	0.99	0.50	ug/Kg	☼	10/08/25 14:09	10/09/25 16:43	1
Hexafluoropropylene Oxide Dimer Acid (HFPO-DA)	0.20	U	0.20	0.099	ug/Kg	☼	10/08/25 14:09	10/09/25 16:43	1
4,8-Dioxa-3H-perfluorononanoic acid (ADONA)	0.20	U	0.20	0.099	ug/Kg	☼	10/08/25 14:09	10/09/25 16:43	1
Perfluoro-3-methoxypropanoic acid (PFMPA)	0.20	U	0.20	0.099	ug/Kg	☼	10/08/25 14:09	10/09/25 16:43	1
Perfluoro-4-methoxybutanoic acid (PFMBA)	0.20	U	0.20	0.099	ug/Kg	☼	10/08/25 14:09	10/09/25 16:43	1
Nonafluoro-3,6-dioxaheptanoic acid (NFDHA)	0.20	U	0.20	0.099	ug/Kg	☼	10/08/25 14:09	10/09/25 16:43	1
9-Chlorohexadecafluoro-3-oxanonane-1-sulfonic acid (9Cl-PF3ONS)	0.20	U	0.20	0.099	ug/Kg	☼	10/08/25 14:09	10/09/25 16:43	1
11-Chloroeicosafluoro-3-oxaundecane-1-sulfonic acid (11Cl-PF3OUdS)	0.20	U	0.20	0.099	ug/Kg	☼	10/08/25 14:09	10/09/25 16:43	1
Perfluoro (2-ethoxyethane) sulfonic acid (PFEESA)	0.20	U	0.20	0.099	ug/Kg	☼	10/08/25 14:09	10/09/25 16:43	1
3-Perfluoropropylpropanoic acid (3:3 FTCA)	0.40	U	0.40	0.20	ug/Kg	☼	10/08/25 14:09	10/09/25 16:43	1
3-Perfluoropentylpropanoic acid (5:3 FTCA)	0.99	U	0.99	0.50	ug/Kg	☼	10/08/25 14:09	10/09/25 16:43	1
3-Perfluoroheptylpropanoic acid (7:3 FTCA)	0.99	U	0.99	0.50	ug/Kg	☼	10/08/25 14:09	10/09/25 16:43	1

Isotope Dilution	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
13C4 PFBA	*70.8*		*8 - 130*	*10/08/25 14:09*	*10/09/25 16:43*	*1*
13C5 PFPeA	*62.9*		*35 - 130*	*10/08/25 14:09*	*10/09/25 16:43*	*1*
13C5 PFHxA	*65.6*		*40 - 130*	*10/08/25 14:09*	*10/09/25 16:43*	*1*
13C4 PFHpA	*73.5*		*40 - 130*	*10/08/25 14:09*	*10/09/25 16:43*	*1*
13C8 PFOA	*69.0*		*40 - 130*	*10/08/25 14:09*	*10/09/25 16:43*	*1*
13C9 PFNA	*75.2*		*40 - 130*	*10/08/25 14:09*	*10/09/25 16:43*	*1*
13C6 PFDA	*71.7*		*40 - 130*	*10/08/25 14:09*	*10/09/25 16:43*	*1*
13C7 PFUnA	*80.3*		*40 - 130*	*10/08/25 14:09*	*10/09/25 16:43*	*1*
13C2 PFTeDA	*70.4*		*20 - 130*	*10/08/25 14:09*	*10/09/25 16:43*	*1*

Client Sample ID: 1A_7-14

Date Collected: 10/03/25 08:25
Date Received: 10/03/25 16:15

Lab Sample ID: 460-336467-6

Matrix: Solid
Percent Solids: 93.5

Method: EPA 1633A - Per- and Polyfluoroalkyl Substances by LC/MS/MS, 1633A (Continued)

Isotope Dilution	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
13C3 PFBS	67.5		40 - 135	10/08/25 14:09	10/09/25 16:43	1
13C3 PFHxS	68.3		40 - 130	10/08/25 14:09	10/09/25 16:43	1
13C8 PFOS	63.5		40 - 130	10/08/25 14:09	10/09/25 16:43	1
13C8 FOSA	57.5		40 - 130	10/08/25 14:09	10/09/25 16:43	1
d3-NMeFOSAA	64.1		40 - 135	10/08/25 14:09	10/09/25 16:43	1
d5-NEtFOSAA	75.8		40 - 150	10/08/25 14:09	10/09/25 16:43	1
13C2 4:2 FTS	67.5		40 - 165	10/08/25 14:09	10/09/25 16:43	1
13C2 6:2 FTS	67.7		40 - 215	10/08/25 14:09	10/09/25 16:43	1
13C2 8:2 FTS	63.0		40 - 275	10/08/25 14:09	10/09/25 16:43	1
13C3 HFPO-DA	67.3		40 - 130	10/08/25 14:09	10/09/25 16:43	1
d7-N-MeFOSE-M	61.7		20 - 130	10/08/25 14:09	10/09/25 16:43	1
d9-N-EtFOSE-M	53.5		15 - 130	10/08/25 14:09	10/09/25 16:43	1
d5-NEtPFOSA	55.9		10 - 130	10/08/25 14:09	10/09/25 16:43	1
d3-NMePFOSA	59.0		10 - 130	10/08/25 14:09	10/09/25 16:43	1
13C2 PFDoA	74.0		40 - 130	10/08/25 14:09	10/09/25 16:43	1

Method: SW846 6020B - Metals (ICP/MS)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Aluminum	3160		19.4	5.3	mg/Kg	☼	10/09/25 07:08	10/09/25 17:12	1
Antimony	0.48	J	0.97	0.14	mg/Kg	☼	10/09/25 07:08	10/09/25 17:12	1
Arsenic	5.8		0.97	0.10	mg/Kg	☼	10/09/25 07:08	10/09/25 17:12	1
Barium	28.4		1.9	0.14	mg/Kg	☼	10/09/25 07:08	10/09/25 17:12	1
Beryllium	0.33	J	0.39	0.021	mg/Kg	☼	10/09/25 07:08	10/09/25 17:12	1
Cadmium	0.12	J	0.97	0.11	mg/Kg	☼	10/09/25 07:08	10/09/25 17:12	1
Calcium	3000		97.2	9.5	mg/Kg	☼	10/09/25 07:08	10/09/25 17:12	1
Chromium	7.5		1.9	0.29	mg/Kg	☼	10/09/25 07:08	10/09/25 17:12	1
Cobalt	3.0		0.97	0.14	mg/Kg	☼	10/09/25 07:08	10/09/25 17:12	1
Copper	27.5		1.9	0.36	mg/Kg	☼	10/09/25 07:08	10/09/25 17:12	1
Iron	10800		58.3	7.4	mg/Kg	☼	10/09/25 07:08	10/09/25 17:12	1
Lead	31.4		0.58	0.19	mg/Kg	☼	10/09/25 07:08	10/09/25 17:12	1
Magnesium	2180		97.2	9.9	mg/Kg	☼	10/09/25 07:08	10/09/25 17:12	1
Manganese	218		3.9	0.39	mg/Kg	☼	10/09/25 07:08	10/09/25 17:12	1
Nickel	5.3		1.9	0.17	mg/Kg	☼	10/09/25 07:08	10/09/25 17:12	1
Potassium	397		97.2	15.7	mg/Kg	☼	10/09/25 07:08	10/09/25 17:12	1
Selenium	0.20	J	1.2	0.12	mg/Kg	☼	10/09/25 07:08	10/09/25 17:12	1
Silver	0.15	J	0.39	0.086	mg/Kg	☼	10/09/25 07:08	10/09/25 17:12	1
Sodium	97.2	U	97.2	44.4	mg/Kg	☼	10/09/25 07:08	10/09/25 17:12	1
Thallium	0.055	J	0.39	0.040	mg/Kg	☼	10/09/25 07:08	10/09/25 17:12	1
Vanadium	13.4		1.9	0.20	mg/Kg	☼	10/09/25 07:08	10/09/25 17:12	1
Zinc	26.2		7.8	1.1	mg/Kg	☼	10/09/25 07:08	10/09/25 17:12	1

Method: SW846 7471B - Mercury (CVAA)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	0.028		0.018	0.0086	mg/Kg	☼	10/13/25 07:47	10/13/25 15:02	1

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Percent Moisture (EPA Moisture)	6.5		1.0	1.0	%			10/07/25 16:17	1
Percent Solids (EPA Moisture)	93.5		1.0	1.0	%			10/07/25 16:17	1

Client: Haley & Aldrich, Inc.
Project/Site: Former Port Mobil

Job ID: 460-336467-1

Client Sample ID: 1B_0-7
Date Collected: 10/03/25 08:30
Date Received: 10/03/25 16:15

Lab Sample ID: 460-336467-7
Matrix: Solid
Percent Solids: 92.7

Method: SW846 8270E - Semivolatile Organic Compounds (GC/MS)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1'-Biphenyl	0.35	U	0.35	0.012	mg/Kg	☼	10/06/25 21:57	10/07/25 12:54	1
1,2,4,5-Tetrachlorobenzene	0.35	U	0.35	0.011	mg/Kg	☼	10/06/25 21:57	10/07/25 12:54	1
1,4-Dioxane	0.035	U	0.035	0.031	mg/Kg	☼	10/06/25 21:57	10/07/25 12:54	1
2,2'-oxybis[1-chloropropane]	0.35	U	0.35	0.021	mg/Kg	☼	10/06/25 21:57	10/07/25 12:54	1
2,3,4,6-Tetrachlorophenol	0.35	U	0.35	0.024	mg/Kg	☼	10/06/25 21:57	10/07/25 12:54	1
2,4,5-Trichlorophenol	0.35	U	0.35	0.036	mg/Kg	☼	10/06/25 21:57	10/07/25 12:54	1
2,4,6-Trichlorophenol	0.14	U	0.14	0.046	mg/Kg	☼	10/06/25 21:57	10/07/25 12:54	1
2,4-Dichlorophenol	0.14	U	0.14	0.023	mg/Kg	☼	10/06/25 21:57	10/07/25 12:54	1
2,4-Dimethylphenol	0.35	U	0.35	0.042	mg/Kg	☼	10/06/25 21:57	10/07/25 12:54	1
2,4-Dinitrophenol	0.29	U	0.29	0.17	mg/Kg	☼	10/06/25 21:57	10/07/25 12:54	1
2,4-Dinitrotoluene	0.072	U	0.072	0.038	mg/Kg	☼	10/06/25 21:57	10/07/25 12:54	1
2,6-Dinitrotoluene	0.072	U	0.072	0.026	mg/Kg	☼	10/06/25 21:57	10/07/25 12:54	1
2-Chloronaphthalene	0.35	U	0.35	0.046	mg/Kg	☼	10/06/25 21:57	10/07/25 12:54	1
2-Chlorophenol	0.35	U	0.35	0.013	mg/Kg	☼	10/06/25 21:57	10/07/25 12:54	1
2-Methylnaphthalene	0.35	U	0.35	0.0099	mg/Kg	☼	10/06/25 21:57	10/07/25 12:54	1
2-Methylphenol	0.35	U	0.35	0.013	mg/Kg	☼	10/06/25 21:57	10/07/25 12:54	1
2-Nitroaniline	0.35	U	0.35	0.027	mg/Kg	☼	10/06/25 21:57	10/07/25 12:54	1
2-Nitrophenol	0.35	U	0.35	0.036	mg/Kg	☼	10/06/25 21:57	10/07/25 12:54	1
3 & 4 Methylphenol	0.35	U	0.35	0.022	mg/Kg	☼	10/06/25 21:57	10/07/25 12:54	1
3,3'-Dichlorobenzidine	0.14	U	0.14	0.054	mg/Kg	☼	10/06/25 21:57	10/07/25 12:54	1
3-Nitroaniline	0.35	U	0.35	0.084	mg/Kg	☼	10/06/25 21:57	10/07/25 12:54	1
4,6-Dinitro-2-methylphenol	0.29	U	0.29	0.14	mg/Kg	☼	10/06/25 21:57	10/07/25 12:54	1
4-Bromophenyl phenyl ether	0.35	U	0.35	0.014	mg/Kg	☼	10/06/25 21:57	10/07/25 12:54	1
4-Chloro-3-methylphenol	0.35	U	0.35	0.020	mg/Kg	☼	10/06/25 21:57	10/07/25 12:54	1
4-Chloroaniline	0.35	U	0.35	0.063	mg/Kg	☼	10/06/25 21:57	10/07/25 12:54	1
4-Chlorophenyl phenyl ether	0.35	U	0.35	0.013	mg/Kg	☼	10/06/25 21:57	10/07/25 12:54	1
4-Methylphenol	0.35	U	0.35	0.022	mg/Kg	☼	10/06/25 21:57	10/07/25 12:54	1
4-Nitroaniline	0.35	U	0.35	0.090	mg/Kg	☼	10/06/25 21:57	10/07/25 12:54	1
4-Nitrophenol	0.72	U	0.72	0.058	mg/Kg	☼	10/06/25 21:57	10/07/25 12:54	1
Acenaphthene	0.35	U	0.35	0.010	mg/Kg	☼	10/06/25 21:57	10/07/25 12:54	1
Acenaphthylene	0.35	U	0.35	0.010	mg/Kg	☼	10/06/25 21:57	10/07/25 12:54	1
Acetophenone	0.35	U	0.35	0.017	mg/Kg	☼	10/06/25 21:57	10/07/25 12:54	1
Anthracene	0.35	U	0.35	0.011	mg/Kg	☼	10/06/25 21:57	10/07/25 12:54	1
Atrazine	0.14	U	0.14	0.021	mg/Kg	☼	10/06/25 21:57	10/07/25 12:54	1
Benzaldehyde	0.35	U	0.35	0.059	mg/Kg	☼	10/06/25 21:57	10/07/25 12:54	1
Benzo[a]anthracene	0.035	U	0.035	0.027	mg/Kg	☼	10/06/25 21:57	10/07/25 12:54	1
Benzo[a]pyrene	0.035	U	0.035	0.0095	mg/Kg	☼	10/06/25 21:57	10/07/25 12:54	1
Benzo[b]fluoranthene	0.035	U	0.035	0.0092	mg/Kg	☼	10/06/25 21:57	10/07/25 12:54	1
Benzo[g,h,i]perylene	0.35	U	0.35	0.010	mg/Kg	☼	10/06/25 21:57	10/07/25 12:54	1
Benzo[k]fluoranthene	0.035	U	0.035	0.0070	mg/Kg	☼	10/06/25 21:57	10/07/25 12:54	1
Bis(2-chloroethoxy)methane	0.35	U	0.35	0.066	mg/Kg	☼	10/06/25 21:57	10/07/25 12:54	1
Bis(2-chloroethyl)ether	0.035	U	0.035	0.012	mg/Kg	☼	10/06/25 21:57	10/07/25 12:54	1
Bis(2-ethylhexyl) phthalate	0.35	U	0.35	0.019	mg/Kg	☼	10/06/25 21:57	10/07/25 12:54	1
Butyl benzyl phthalate	0.35	U	0.35	0.017	mg/Kg	☼	10/06/25 21:57	10/07/25 12:54	1
Caprolactam	0.35	U	0.35	0.055	mg/Kg	☼	10/06/25 21:57	10/07/25 12:54	1
Carbazole	0.35	U	0.35	0.014	mg/Kg	☼	10/06/25 21:57	10/07/25 12:54	1
Chrysene	0.35	U	0.35	0.015	mg/Kg	☼	10/06/25 21:57	10/07/25 12:54	1
Dibenz(a,h)anthracene	0.035	U	0.035	0.015	mg/Kg	☼	10/06/25 21:57	10/07/25 12:54	1
Dibenzofuran	0.35	U	0.35	0.012	mg/Kg	☼	10/06/25 21:57	10/07/25 12:54	1

Client Sample ID: 1B_0-7
Date Collected: 10/03/25 08:30
Date Received: 10/03/25 16:15

Lab Sample ID: 460-336467-7
Matrix: Solid
Percent Solids: 92.7

Method: SW846 8270E - Semivolatile Organic Compounds (GC/MS) (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Diethyl phthalate	0.35	U	0.35	0.011	mg/Kg	☼	10/06/25 21:57	10/07/25 12:54	1
Dimethyl phthalate	0.35	U	0.35	0.081	mg/Kg	☼	10/06/25 21:57	10/07/25 12:54	1
Di-n-butyl phthalate	0.35	U	0.35	0.013	mg/Kg	☼	10/06/25 21:57	10/07/25 12:54	1
Di-n-octyl phthalate	0.35	U	0.35	0.019	mg/Kg	☼	10/06/25 21:57	10/07/25 12:54	1
Fluoranthene	0.35	U	0.35	0.012	mg/Kg	☼	10/06/25 21:57	10/07/25 12:54	1
Fluorene	0.35	U	0.35	0.010	mg/Kg	☼	10/06/25 21:57	10/07/25 12:54	1
Hexachlorobenzene	0.035	U	0.035	0.017	mg/Kg	☼	10/06/25 21:57	10/07/25 12:54	1
Hexachlorobutadiene	0.072	U	0.072	0.0076	mg/Kg	☼	10/06/25 21:57	10/07/25 12:54	1
Hexachlorocyclopentadiene	0.35	U	0.35	0.031	mg/Kg	☼	10/06/25 21:57	10/07/25 12:54	1
Hexachloroethane	0.035	U	0.035	0.012	mg/Kg	☼	10/06/25 21:57	10/07/25 12:54	1
Indeno[1,2,3-cd]pyrene	0.035	U	0.035	0.014	mg/Kg	☼	10/06/25 21:57	10/07/25 12:54	1
Isophorone	0.14	U	0.14	0.10	mg/Kg	☼	10/06/25 21:57	10/07/25 12:54	1
Naphthalene	0.35	U	0.35	0.0061	mg/Kg	☼	10/06/25 21:57	10/07/25 12:54	1
Nitrobenzene	0.035	U	0.035	0.020	mg/Kg	☼	10/06/25 21:57	10/07/25 12:54	1
N-Nitrosodi-n-propylamine	0.035	U	0.035	0.026	mg/Kg	☼	10/06/25 21:57	10/07/25 12:54	1
N-Nitrosodiphenylamine	0.35	U	0.35	0.029	mg/Kg	☼	10/06/25 21:57	10/07/25 12:54	1
Pentachlorophenol	0.29	U	0.29	0.073	mg/Kg	☼	10/06/25 21:57	10/07/25 12:54	1
Phenanthrene	0.35	U	0.35	0.014	mg/Kg	☼	10/06/25 21:57	10/07/25 12:54	1
Phenol	0.35	U	0.35	0.013	mg/Kg	☼	10/06/25 21:57	10/07/25 12:54	1
Pyrene	0.35	U	0.35	0.0088	mg/Kg	☼	10/06/25 21:57	10/07/25 12:54	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
2,4,6-Tribromophenol (Surr)	*73*		*18 - 137*	*10/06/25 21:57*	*10/07/25 12:54*	*1*
2-Fluorobiphenyl	*70*		*33 - 117*	*10/06/25 21:57*	*10/07/25 12:54*	*1*
2-Fluorophenol (Surr)	*70*		*24 - 120*	*10/06/25 21:57*	*10/07/25 12:54*	*1*
Nitrobenzene-d5 (Surr)	*65*		*27 - 120*	*10/06/25 21:57*	*10/07/25 12:54*	*1*
Phenol-d5 (Surr)	*65*		*28 - 118*	*10/06/25 21:57*	*10/07/25 12:54*	*1*
Terphenyl-d14 (Surr)	*74*		*33 - 124*	*10/06/25 21:57*	*10/07/25 12:54*	*1*

Method: SW846 8081B - Organochlorine Pesticides (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
4,4'-DDD	0.0072	U	0.0072	0.0012	mg/Kg	☼	10/06/25 10:37	10/07/25 09:07	1
4,4'-DDE	0.0072	U	0.0072	0.00085	mg/Kg	☼	10/06/25 10:37	10/07/25 09:07	1
4,4'-DDT	0.0072	U	0.0072	0.0013	mg/Kg	☼	10/06/25 10:37	10/07/25 09:07	1
Aldrin	0.0072	U	0.0072	0.0011	mg/Kg	☼	10/06/25 10:37	10/07/25 09:07	1
alpha-BHC	0.0021	U	0.0021	0.00073	mg/Kg	☼	10/06/25 10:37	10/07/25 09:07	1
beta-BHC	0.0021	U	0.0021	0.00081	mg/Kg	☼	10/06/25 10:37	10/07/25 09:07	1
Chlordane (technical)	0.072	U	0.072	0.017	mg/Kg	☼	10/06/25 10:37	10/07/25 09:07	1
cis-Chlordane	0.0072	U	0.0072	0.0011	mg/Kg	☼	10/06/25 10:37	10/07/25 09:07	1
delta-BHC	0.0021	U	0.0021	0.00044	mg/Kg	☼	10/06/25 10:37	10/07/25 09:07	1
Dieldrin	0.0021	U	0.0021	0.00093	mg/Kg	☼	10/06/25 10:37	10/07/25 09:07	1
Endosulfan I	0.0072	U	0.0072	0.0011	mg/Kg	☼	10/06/25 10:37	10/07/25 09:07	1
Endosulfan II	0.0072	U	0.0072	0.0018	mg/Kg	☼	10/06/25 10:37	10/07/25 09:07	1
Endosulfan sulfate	0.0072	U	0.0072	0.00090	mg/Kg	☼	10/06/25 10:37	10/07/25 09:07	1
Endrin	0.0072	U	0.0072	0.0010	mg/Kg	☼	10/06/25 10:37	10/07/25 09:07	1
Endrin aldehyde	0.0072	U	0.0072	0.0017	mg/Kg	☼	10/06/25 10:37	10/07/25 09:07	1
Endrin ketone	0.0072	U	0.0072	0.0014	mg/Kg	☼	10/06/25 10:37	10/07/25 09:07	1
gamma-BHC (Lindane)	0.0021	U	0.0021	0.00067	mg/Kg	☼	10/06/25 10:37	10/07/25 09:07	1
Heptachlor	0.0072	U	0.0072	0.00085	mg/Kg	☼	10/06/25 10:37	10/07/25 09:07	1
Heptachlor epoxide	0.0072	U	0.0072	0.0011	mg/Kg	☼	10/06/25 10:37	10/07/25 09:07	1

Client Sample ID: 1B_0-7
Date Collected: 10/03/25 08:30
Date Received: 10/03/25 16:15

Lab Sample ID: 460-336467-7
Matrix: Solid
Percent Solids: 92.7

Method: SW846 8081B - Organochlorine Pesticides (GC) (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Methoxychlor	0.0072	U	0.0072	0.0016	mg/Kg	☼	10/06/25 10:37	10/07/25 09:07	1
Toxaphene	0.072	U	0.072	0.026	mg/Kg	☼	10/06/25 10:37	10/07/25 09:07	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
DCB Decachlorobiphenyl	*47*		*10 - 150*	*10/06/25 10:37*	*10/07/25 09:07*	*1*
DCB Decachlorobiphenyl	*43*		*10 - 150*	*10/06/25 10:37*	*10/07/25 09:07*	*1*
Tetrachloro-m-xylene	*71*		*14 - 150*	*10/06/25 10:37*	*10/07/25 09:07*	*1*
Tetrachloro-m-xylene	*69*		*14 - 150*	*10/06/25 10:37*	*10/07/25 09:07*	*1*

Method: SW846 8082A - Polychlorinated Biphenyls (PCBs) by Gas Chromatography

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Aroclor 1016	0.072	U	0.072	0.019	mg/Kg	☼	10/06/25 10:33	10/07/25 21:41	1
Aroclor 1221	0.072	U	0.072	0.019	mg/Kg	☼	10/06/25 10:33	10/07/25 21:41	1
Aroclor 1232	0.072	U	0.072	0.019	mg/Kg	☼	10/06/25 10:33	10/07/25 21:41	1
Aroclor 1242	0.072	U	0.072	0.019	mg/Kg	☼	10/06/25 10:33	10/07/25 21:41	1
Aroclor 1248	0.072	U	0.072	0.019	mg/Kg	☼	10/06/25 10:33	10/07/25 21:41	1
Aroclor 1254	0.072	U	0.072	0.019	mg/Kg	☼	10/06/25 10:33	10/07/25 21:41	1
Aroclor 1260	0.072	U	0.072	0.019	mg/Kg	☼	10/06/25 10:33	10/07/25 21:41	1
Aroclor-1262	0.072	U	0.072	0.019	mg/Kg	☼	10/06/25 10:33	10/07/25 21:41	1
Aroclor 1268	0.072	U	0.072	0.019	mg/Kg	☼	10/06/25 10:33	10/07/25 21:41	1
Polychlorinated biphenyls, Total	0.072	U	0.072	0.019	mg/Kg	☼	10/06/25 10:33	10/07/25 21:41	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
DCB Decachlorobiphenyl	*63*		*10 - 150*	*10/06/25 10:33*	*10/07/25 21:41*	*1*
DCB Decachlorobiphenyl	*66*		*10 - 150*	*10/06/25 10:33*	*10/07/25 21:41*	*1*
Tetrachloro-m-xylene	*119*		*10 - 150*	*10/06/25 10:33*	*10/07/25 21:41*	*1*
Tetrachloro-m-xylene	*127*		*10 - 150*	*10/06/25 10:33*	*10/07/25 21:41*	*1*

Method: EPA 1633A - Per- and Polyfluoroalkyl Substances by LC/MS/MS, 1633A

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Perfluorobutanoic acid (PFBA)	0.39	U	0.39	0.098	ug/Kg	☼	10/08/25 14:09	10/09/25 19:40	1
Perfluoropentanoic acid (PFPeA)	0.20	U	0.20	0.098	ug/Kg	☼	10/08/25 14:09	10/09/25 19:40	1
Perfluorohexanoic acid (PFHxA)	0.20	U	0.20	0.098	ug/Kg	☼	10/08/25 14:09	10/09/25 19:40	1
Perfluoroheptanoic acid (PFHpA)	0.20	U	0.20	0.098	ug/Kg	☼	10/08/25 14:09	10/09/25 19:40	1
Perfluorooctanoic acid (PFOA)	**0.12**	**J**	0.20	0.059	ug/Kg	☼	10/08/25 14:09	10/09/25 19:40	1
Perfluorononanoic acid (PFNA)	0.12	U	0.12	0.12	ug/Kg	☼	10/08/25 14:09	10/09/25 19:40	1
Perfluorodecanoic acid (PFDA)	0.20	U	0.20	0.059	ug/Kg	☼	10/08/25 14:09	10/09/25 19:40	1
Perfluoroundecanoic acid (PFUnA)	0.20	U	0.20	0.098	ug/Kg	☼	10/08/25 14:09	10/09/25 19:40	1
Perfluorododecanoic acid (PFDoA)	0.20	U	0.20	0.098	ug/Kg	☼	10/08/25 14:09	10/09/25 19:40	1
Perfluorotridecanoic acid (PFTrDA)	0.20	U	0.20	0.098	ug/Kg	☼	10/08/25 14:09	10/09/25 19:40	1
Perfluorotetradecanoic acid (PFTeDA)	0.20	U	0.20	0.098	ug/Kg	☼	10/08/25 14:09	10/09/25 19:40	1
Perfluorobutanesulfonic acid (PFBS)	0.20	U	0.20	0.098	ug/Kg	☼	10/08/25 14:09	10/09/25 19:40	1
Perfluoropentanesulfonic acid (PFPeS)	0.20	U	0.20	0.098	ug/Kg	☼	10/08/25 14:09	10/09/25 19:40	1
Perfluorohexanesulfonic acid (PFHxS)	0.20	U	0.20	0.098	ug/Kg	☼	10/08/25 14:09	10/09/25 19:40	1
Perfluoroheptanesulfonic acid (PFHpS)	0.20	U	0.20	0.098	ug/Kg	☼	10/08/25 14:09	10/09/25 19:40	1
Perfluorooctanesulfonic acid (PFOS)	0.20	U	0.20	0.098	ug/Kg	☼	10/08/25 14:09	10/09/25 19:40	1
Perfluorononanesulfonic acid (PFNS)	0.20	U	0.20	0.098	ug/Kg	☼	10/08/25 14:09	10/09/25 19:40	1
Perfluorodecanesulfonic acid (PFDS)	0.20	U	0.20	0.098	ug/Kg	☼	10/08/25 14:09	10/09/25 19:40	1

Client Sample ID: 1B_0-7
Date Collected: 10/03/25 08:30
Date Received: 10/03/25 16:15

Lab Sample ID: 460-336467-7
Matrix: Solid
Percent Solids: 92.7

Method: EPA 1633A - Per- and Polyfluoroalkyl Substances by LC/MS/MS, 1633A (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Perfluorododecanesulfonic acid (PFDoS)	0.20	U	0.20	0.098	ug/Kg	☼	10/08/25 14:09	10/09/25 19:40	1
1H,1H,2H,2H-Perfluorohexane sulfonic acid (4:2 FTS)	0.39	U	0.39	0.20	ug/Kg	☼	10/08/25 14:09	10/09/25 19:40	1
1H,1H,2H,2H-Perfluorooctane sulfonic acid (6:2 FTS)	0.39	U	0.39	0.20	ug/Kg	☼	10/08/25 14:09	10/09/25 19:40	1
1H,1H,2H,2H-Perfluorodecane sulfonic acid (8:2 FTS)	0.39	U	0.39	0.20	ug/Kg	☼	10/08/25 14:09	10/09/25 19:40	1
Perfluorooctanesulfonamide (PFOSA)	0.20	U	0.20	0.098	ug/Kg	☼	10/08/25 14:09	10/09/25 19:40	1
N-methylperfluorooctane sulfonamide (NMeFOSA)	0.20	U	0.20	0.098	ug/Kg	☼	10/08/25 14:09	10/09/25 19:40	1
N-ethylperfluorooctane sulfonamide (NEtFOSA)	0.20	U	0.20	0.098	ug/Kg	☼	10/08/25 14:09	10/09/25 19:40	1
N-methylperfluorooctanesulfonamidoacetic acid (NMeFOSAA)	0.20	U	0.20	0.098	ug/Kg	☼	10/08/25 14:09	10/09/25 19:40	1
N-ethylperfluorooctanesulfonamidoacetic acid (NEtFOSAA)	0.20	U	0.20	0.098	ug/Kg	☼	10/08/25 14:09	10/09/25 19:40	1
N-methylperfluorooctane sulfonamidoethanol (NMeFOSE)	0.98	U	0.98	0.49	ug/Kg	☼	10/08/25 14:09	10/09/25 19:40	1
N-ethylperfluorooctane sulfonamidoethanol (NEtFOSE)	0.98	U	0.98	0.49	ug/Kg	☼	10/08/25 14:09	10/09/25 19:40	1
Hexafluoropropylene Oxide Dimer Acid (HFPO-DA)	0.20	U	0.20	0.098	ug/Kg	☼	10/08/25 14:09	10/09/25 19:40	1
4,8-Dioxa-3H-perfluorononanoic acid (ADONA)	0.20	U	0.20	0.098	ug/Kg	☼	10/08/25 14:09	10/09/25 19:40	1
Perfluoro-3-methoxypropanoic acid (PFMPA)	0.20	U	0.20	0.098	ug/Kg	☼	10/08/25 14:09	10/09/25 19:40	1
Perfluoro-4-methoxybutanoic acid (PFMBA)	0.20	U	0.20	0.098	ug/Kg	☼	10/08/25 14:09	10/09/25 19:40	1
Nonafluoro-3,6-dioxaheptanoic acid (NFDHA)	0.20	U	0.20	0.098	ug/Kg	☼	10/08/25 14:09	10/09/25 19:40	1
9-Chlorohexadecafluoro-3-oxanonane-1-sulfonic acid (9Cl-PF3ONS)	0.20	U	0.20	0.098	ug/Kg	☼	10/08/25 14:09	10/09/25 19:40	1
11-Chloroeicosafluoro-3-oxaundecane-1-sulfonic acid (11Cl-PF3OUdS)	0.20	U	0.20	0.098	ug/Kg	☼	10/08/25 14:09	10/09/25 19:40	1
Perfluoro (2-ethoxyethane) sulfonic acid (PFEESA)	0.20	U	0.20	0.098	ug/Kg	☼	10/08/25 14:09	10/09/25 19:40	1
3-Perfluoropropylpropanoic acid (3:3 FTCA)	0.39	U	0.39	0.20	ug/Kg	☼	10/08/25 14:09	10/09/25 19:40	1
3-Perfluoropentylpropanoic acid (5:3 FTCA)	0.98	U	0.98	0.49	ug/Kg	☼	10/08/25 14:09	10/09/25 19:40	1
3-Perfluoroheptylpropanoic acid (7:3 FTCA)	0.98	U	0.98	0.49	ug/Kg	☼	10/08/25 14:09	10/09/25 19:40	1

Isotope Dilution	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
13C4 PFBA	*122*		*8 - 130*	*10/08/25 14:09*	*10/09/25 19:40*	*1*
13C5 PFPeA	*107*		*35 - 130*	*10/08/25 14:09*	*10/09/25 19:40*	*1*
13C5 PFHxA	*108*		*40 - 130*	*10/08/25 14:09*	*10/09/25 19:40*	*1*
13C4 PFHpA	*114*		*40 - 130*	*10/08/25 14:09*	*10/09/25 19:40*	*1*
13C8 PFOA	*106*		*40 - 130*	*10/08/25 14:09*	*10/09/25 19:40*	*1*
13C9 PFNA	*104*		*40 - 130*	*10/08/25 14:09*	*10/09/25 19:40*	*1*
13C6 PFDA	*99.9*		*40 - 130*	*10/08/25 14:09*	*10/09/25 19:40*	*1*
13C7 PFUnA	*110*		*40 - 130*	*10/08/25 14:09*	*10/09/25 19:40*	*1*
13C2 PFTeDA	*95.1*		*20 - 130*	*10/08/25 14:09*	*10/09/25 19:40*	*1*
13C3 PFBS	*118*		*40 - 135*	*10/08/25 14:09*	*10/09/25 19:40*	*1*

Client Sample ID: 1B_0-7

Date Collected: 10/03/25 08:30
Date Received: 10/03/25 16:15

Lab Sample ID: 460-336467-7

Matrix: Solid
Percent Solids: 92.7

Method: EPA 1633A - Per- and Polyfluoroalkyl Substances by LC/MS/MS, 1633A (Continued)

Isotope Dilution	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
13C3 PFHxS	109		40 - 130	10/08/25 14:09	10/09/25 19:40	1
13C8 PFOS	95.4		40 - 130	10/08/25 14:09	10/09/25 19:40	1
13C8 FOSA	87.0		40 - 130	10/08/25 14:09	10/09/25 19:40	1
d3-NMeFOSAA	84.7		40 - 135	10/08/25 14:09	10/09/25 19:40	1
d5-NEtFOSAA	100		40 - 150	10/08/25 14:09	10/09/25 19:40	1
13C2 4:2 FTS	109		40 - 165	10/08/25 14:09	10/09/25 19:40	1
13C2 6:2 FTS	104		40 - 215	10/08/25 14:09	10/09/25 19:40	1
13C2 8:2 FTS	93.2		40 - 275	10/08/25 14:09	10/09/25 19:40	1
13C3 HFPO-DA	105		40 - 130	10/08/25 14:09	10/09/25 19:40	1
d7-N-MeFOSE-M	82.1		20 - 130	10/08/25 14:09	10/09/25 19:40	1
d9-N-EtFOSE-M	68.7		15 - 130	10/08/25 14:09	10/09/25 19:40	1
d5-NEtPFOSA	75.4		10 - 130	10/08/25 14:09	10/09/25 19:40	1
d3-NMePFOSA	84.2		10 - 130	10/08/25 14:09	10/09/25 19:40	1
13C2 PFDoA	106		40 - 130	10/08/25 14:09	10/09/25 19:40	1

Method: SW846 6020B - Metals (ICP/MS)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Aluminum	8980		20.0	5.5	mg/Kg	☼	10/09/25 07:08	10/09/25 17:15	1
Antimony	0.36	J	1.0	0.15	mg/Kg	☼	10/09/25 07:08	10/09/25 17:15	1
Arsenic	5.4		1.0	0.10	mg/Kg	☼	10/09/25 07:08	10/09/25 17:15	1
Barium	43.7		2.0	0.14	mg/Kg	☼	10/09/25 07:08	10/09/25 17:15	1
Beryllium	0.48		0.40	0.022	mg/Kg	☼	10/09/25 07:08	10/09/25 17:15	1
Cadmium	1.0	U	1.0	0.11	mg/Kg	☼	10/09/25 07:08	10/09/25 17:15	1
Calcium	724		99.9	9.7	mg/Kg	☼	10/09/25 07:08	10/09/25 17:15	1
Chromium	14.0		2.0	0.30	mg/Kg	☼	10/09/25 07:08	10/09/25 17:15	1
Cobalt	6.4		1.0	0.15	mg/Kg	☼	10/09/25 07:08	10/09/25 17:15	1
Copper	25.1		2.0	0.37	mg/Kg	☼	10/09/25 07:08	10/09/25 17:15	1
Iron	16200		59.9	7.6	mg/Kg	☼	10/09/25 07:08	10/09/25 17:15	1
Lead	18.8		0.60	0.20	mg/Kg	☼	10/09/25 07:08	10/09/25 17:15	1
Magnesium	2540		99.9	10.2	mg/Kg	☼	10/09/25 07:08	10/09/25 17:15	1
Manganese	221		4.0	0.40	mg/Kg	☼	10/09/25 07:08	10/09/25 17:15	1
Nickel	12.5		2.0	0.18	mg/Kg	☼	10/09/25 07:08	10/09/25 17:15	1
Potassium	923		99.9	16.2	mg/Kg	☼	10/09/25 07:08	10/09/25 17:15	1
Selenium	0.26	J	1.2	0.13	mg/Kg	☼	10/09/25 07:08	10/09/25 17:15	1
Silver	0.40	U	0.40	0.089	mg/Kg	☼	10/09/25 07:08	10/09/25 17:15	1
Sodium	70.4	J	99.9	45.6	mg/Kg	☼	10/09/25 07:08	10/09/25 17:15	1
Thallium	0.11	J	0.40	0.041	mg/Kg	☼	10/09/25 07:08	10/09/25 17:15	1
Vanadium	22.1		2.0	0.21	mg/Kg	☼	10/09/25 07:08	10/09/25 17:15	1
Zinc	37.7		8.0	1.1	mg/Kg	☼	10/09/25 07:08	10/09/25 17:15	1

Method: SW846 7471B - Mercury (CVAA)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	0.027		0.018	0.0084	mg/Kg	☼	10/13/25 07:47	10/13/25 15:05	1

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Percent Moisture (EPA Moisture)	7.3		1.0	1.0	%			10/07/25 16:17	1
Percent Solids (EPA Moisture)	92.7		1.0	1.0	%			10/07/25 16:17	1

Client: Haley & Aldrich, Inc.
Project/Site: Former Port Mobil

Job ID: 460-336467-1

Client Sample ID: 1B_7-14
Date Collected: 10/03/25 08:35
Date Received: 10/03/25 16:15

Lab Sample ID: 460-336467-8
Matrix: Solid
Percent Solids: 93.7

Method: SW846 8270E - Semivolatile Organic Compounds (GC/MS)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1'-Biphenyl	0.35	U	0.35	0.012	mg/Kg	☼	10/06/25 21:57	10/07/25 16:45	1
1,2,4,5-Tetrachlorobenzene	0.35	U	0.35	0.011	mg/Kg	☼	10/06/25 21:57	10/07/25 16:45	1
1,4-Dioxane	0.035	U	0.035	0.030	mg/Kg	☼	10/06/25 21:57	10/07/25 16:45	1
2,2'-oxybis[1-chloropropane]	0.35	U	0.35	0.021	mg/Kg	☼	10/06/25 21:57	10/07/25 16:45	1
2,3,4,6-Tetrachlorophenol	0.35	U	0.35	0.024	mg/Kg	☼	10/06/25 21:57	10/07/25 16:45	1
2,4,5-Trichlorophenol	0.35	U	0.35	0.036	mg/Kg	☼	10/06/25 21:57	10/07/25 16:45	1
2,4,6-Trichlorophenol	0.14	U	0.14	0.045	mg/Kg	☼	10/06/25 21:57	10/07/25 16:45	1
2,4-Dichlorophenol	0.14	U	0.14	0.022	mg/Kg	☼	10/06/25 21:57	10/07/25 16:45	1
2,4-Dimethylphenol	0.35	U	0.35	0.042	mg/Kg	☼	10/06/25 21:57	10/07/25 16:45	1
2,4-Dinitrophenol	0.28	U	0.28	0.17	mg/Kg	☼	10/06/25 21:57	10/07/25 16:45	1
2,4-Dinitrotoluene	0.071	U	0.071	0.038	mg/Kg	☼	10/06/25 21:57	10/07/25 16:45	1
2,6-Dinitrotoluene	0.071	U	0.071	0.025	mg/Kg	☼	10/06/25 21:57	10/07/25 16:45	1
2-Chloronaphthalene	0.35	U	0.35	0.045	mg/Kg	☼	10/06/25 21:57	10/07/25 16:45	1
2-Chlorophenol	0.35	U	0.35	0.012	mg/Kg	☼	10/06/25 21:57	10/07/25 16:45	1
2-Methylnaphthalene	0.35	U	0.35	0.0098	mg/Kg	☼	10/06/25 21:57	10/07/25 16:45	1
2-Methylphenol	0.35	U	0.35	0.013	mg/Kg	☼	10/06/25 21:57	10/07/25 16:45	1
2-Nitroaniline	0.35	U	0.35	0.027	mg/Kg	☼	10/06/25 21:57	10/07/25 16:45	1
2-Nitrophenol	0.35	U	0.35	0.035	mg/Kg	☼	10/06/25 21:57	10/07/25 16:45	1
3 & 4 Methylphenol	0.35	U	0.35	0.022	mg/Kg	☼	10/06/25 21:57	10/07/25 16:45	1
3,3'-Dichlorobenzidine	0.14	U	0.14	0.053	mg/Kg	☼	10/06/25 21:57	10/07/25 16:45	1
3-Nitroaniline	0.35	U	0.35	0.083	mg/Kg	☼	10/06/25 21:57	10/07/25 16:45	1
4,6-Dinitro-2-methylphenol	0.28	U	0.28	0.14	mg/Kg	☼	10/06/25 21:57	10/07/25 16:45	1
4-Bromophenyl phenyl ether	0.35	U	0.35	0.014	mg/Kg	☼	10/06/25 21:57	10/07/25 16:45	1
4-Chloro-3-methylphenol	0.35	U	0.35	0.020	mg/Kg	☼	10/06/25 21:57	10/07/25 16:45	1
4-Chloroaniline	0.35	U	0.35	0.062	mg/Kg	☼	10/06/25 21:57	10/07/25 16:45	1
4-Chlorophenyl phenyl ether	0.35	U	0.35	0.012	mg/Kg	☼	10/06/25 21:57	10/07/25 16:45	1
4-Methylphenol	0.35	U	0.35	0.022	mg/Kg	☼	10/06/25 21:57	10/07/25 16:45	1
4-Nitroaniline	0.35	U	0.35	0.089	mg/Kg	☼	10/06/25 21:57	10/07/25 16:45	1
4-Nitrophenol	0.71	U	0.71	0.057	mg/Kg	☼	10/06/25 21:57	10/07/25 16:45	1
Acenaphthene	0.35	U	0.35	0.0099	mg/Kg	☼	10/06/25 21:57	10/07/25 16:45	1
Acenaphthylene	0.35	U	0.35	0.010	mg/Kg	☼	10/06/25 21:57	10/07/25 16:45	1
Acetophenone	0.35	U	0.35	0.017	mg/Kg	☼	10/06/25 21:57	10/07/25 16:45	1
Anthracene	0.35	U	0.35	0.011	mg/Kg	☼	10/06/25 21:57	10/07/25 16:45	1
Atrazine	0.14	U	0.14	0.021	mg/Kg	☼	10/06/25 21:57	10/07/25 16:45	1
Benzaldehyde	0.35	U	0.35	0.058	mg/Kg	☼	10/06/25 21:57	10/07/25 16:45	1
Benzo[a]anthracene	0.035	U	0.035	0.026	mg/Kg	☼	10/06/25 21:57	10/07/25 16:45	1
Benzo[a]pyrene	0.035	U	0.035	0.0093	mg/Kg	☼	10/06/25 21:57	10/07/25 16:45	1
Benzo[b]fluoranthene	0.035	U	0.035	0.0090	mg/Kg	☼	10/06/25 21:57	10/07/25 16:45	1
Benzo[g,h,i]perylene	0.35	U	0.35	0.010	mg/Kg	☼	10/06/25 21:57	10/07/25 16:45	1
Benzo[k]fluoranthene	0.035	U	0.035	0.0068	mg/Kg	☼	10/06/25 21:57	10/07/25 16:45	1
Bis(2-chloroethoxy)methane	0.35	U	0.35	0.064	mg/Kg	☼	10/06/25 21:57	10/07/25 16:45	1
Bis(2-chloroethyl)ether	0.035	U	0.035	0.012	mg/Kg	☼	10/06/25 21:57	10/07/25 16:45	1
Bis(2-ethylhexyl) phthalate	0.35	U	0.35	0.018	mg/Kg	☼	10/06/25 21:57	10/07/25 16:45	1
Butyl benzyl phthalate	0.35	U	0.35	0.016	mg/Kg	☼	10/06/25 21:57	10/07/25 16:45	1
Caprolactam	0.35	U	0.35	0.054	mg/Kg	☼	10/06/25 21:57	10/07/25 16:45	1
Carbazole	0.35	U	0.35	0.013	mg/Kg	☼	10/06/25 21:57	10/07/25 16:45	1
Chrysene	0.35	U	0.35	0.015	mg/Kg	☼	10/06/25 21:57	10/07/25 16:45	1
Dibenz(a,h)anthracene	0.035	U	0.035	0.015	mg/Kg	☼	10/06/25 21:57	10/07/25 16:45	1
Dibenzofuran	0.35	U	0.35	0.012	mg/Kg	☼	10/06/25 21:57	10/07/25 16:45	1

Client Sample ID: 1B_7-14
Date Collected: 10/03/25 08:35
Date Received: 10/03/25 16:15

Lab Sample ID: 460-336467-8
Matrix: Solid
Percent Solids: 93.7

Method: SW846 8270E - Semivolatile Organic Compounds (GC/MS) (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Diethyl phthalate	0.35	U	0.35	0.011	mg/Kg	☼	10/06/25 21:57	10/07/25 16:45	1
Dimethyl phthalate	0.35	U	0.35	0.079	mg/Kg	☼	10/06/25 21:57	10/07/25 16:45	1
Di-n-butyl phthalate	0.35	U	0.35	0.013	mg/Kg	☼	10/06/25 21:57	10/07/25 16:45	1
Di-n-octyl phthalate	0.35	U	0.35	0.018	mg/Kg	☼	10/06/25 21:57	10/07/25 16:45	1
Fluoranthene	0.35	U	0.35	0.012	mg/Kg	☼	10/06/25 21:57	10/07/25 16:45	1
Fluorene	0.35	U	0.35	0.010	mg/Kg	☼	10/06/25 21:57	10/07/25 16:45	1
Hexachlorobenzene	0.035	U	0.035	0.017	mg/Kg	☼	10/06/25 21:57	10/07/25 16:45	1
Hexachlorobutadiene	0.071	U	0.071	0.0074	mg/Kg	☼	10/06/25 21:57	10/07/25 16:45	1
Hexachlorocyclopentadiene	0.35	U	0.35	0.031	mg/Kg	☼	10/06/25 21:57	10/07/25 16:45	1
Hexachloroethane	0.035	U	0.035	0.012	mg/Kg	☼	10/06/25 21:57	10/07/25 16:45	1
Indeno[1,2,3-cd]pyrene	0.035	U	0.035	0.014	mg/Kg	☼	10/06/25 21:57	10/07/25 16:45	1
Isophorone	0.14	U	0.14	0.10	mg/Kg	☼	10/06/25 21:57	10/07/25 16:45	1
Naphthalene	0.35	U	0.35	0.0060	mg/Kg	☼	10/06/25 21:57	10/07/25 16:45	1
Nitrobenzene	0.035	U	0.035	0.019	mg/Kg	☼	10/06/25 21:57	10/07/25 16:45	1
N-Nitrosodi-n-propylamine	0.035	U	0.035	0.025	mg/Kg	☼	10/06/25 21:57	10/07/25 16:45	1
N-Nitrosodiphenylamine	0.35	U	0.35	0.029	mg/Kg	☼	10/06/25 21:57	10/07/25 16:45	1
Pentachlorophenol	0.28	U	0.28	0.072	mg/Kg	☼	10/06/25 21:57	10/07/25 16:45	1
Phenanthrene	0.35	U	0.35	0.014	mg/Kg	☼	10/06/25 21:57	10/07/25 16:45	1
Phenol	0.35	U	0.35	0.013	mg/Kg	☼	10/06/25 21:57	10/07/25 16:45	1
Pyrene	0.35	U	0.35	0.0087	mg/Kg	☼	10/06/25 21:57	10/07/25 16:45	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
2,4,6-Tribromophenol (Surr)	*75*		*18 - 137*	*10/06/25 21:57*	*10/07/25 16:45*	*1*
2-Fluorobiphenyl	*73*		*33 - 117*	*10/06/25 21:57*	*10/07/25 16:45*	*1*
2-Fluorophenol (Surr)	*72*		*24 - 120*	*10/06/25 21:57*	*10/07/25 16:45*	*1*
Nitrobenzene-d5 (Surr)	*65*		*27 - 120*	*10/06/25 21:57*	*10/07/25 16:45*	*1*
Phenol-d5 (Surr)	*67*		*28 - 118*	*10/06/25 21:57*	*10/07/25 16:45*	*1*
Terphenyl-d14 (Surr)	*77*		*33 - 124*	*10/06/25 21:57*	*10/07/25 16:45*	*1*

Method: SW846 8081B - Organochlorine Pesticides (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
4,4'-DDD	0.0071	U	0.0071	0.0012	mg/Kg	☼	10/06/25 10:37	10/07/25 09:20	1
4,4'-DDE	0.0071	U	0.0071	0.00084	mg/Kg	☼	10/06/25 10:37	10/07/25 09:20	1
4,4'-DDT	0.0071	U	0.0071	0.0013	mg/Kg	☼	10/06/25 10:37	10/07/25 09:20	1
Aldrin	0.0071	U	0.0071	0.0011	mg/Kg	☼	10/06/25 10:37	10/07/25 09:20	1
alpha-BHC	0.0021	U	0.0021	0.00072	mg/Kg	☼	10/06/25 10:37	10/07/25 09:20	1
beta-BHC	0.0021	U	0.0021	0.00080	mg/Kg	☼	10/06/25 10:37	10/07/25 09:20	1
Chlordane (technical)	0.071	U	0.071	0.017	mg/Kg	☼	10/06/25 10:37	10/07/25 09:20	1
cis-Chlordane	0.0071	U	0.0071	0.0011	mg/Kg	☼	10/06/25 10:37	10/07/25 09:20	1
delta-BHC	0.0021	U	0.0021	0.00043	mg/Kg	☼	10/06/25 10:37	10/07/25 09:20	1
Dieldrin	0.0021	U	0.0021	0.00092	mg/Kg	☼	10/06/25 10:37	10/07/25 09:20	1
Endosulfan I	0.0071	U	0.0071	0.0011	mg/Kg	☼	10/06/25 10:37	10/07/25 09:20	1
Endosulfan II	0.0071	U	0.0071	0.0018	mg/Kg	☼	10/06/25 10:37	10/07/25 09:20	1
Endosulfan sulfate	0.0071	U	0.0071	0.00089	mg/Kg	☼	10/06/25 10:37	10/07/25 09:20	1
Endrin	0.0071	U	0.0071	0.0010	mg/Kg	☼	10/06/25 10:37	10/07/25 09:20	1
Endrin aldehyde	0.0071	U	0.0071	0.0017	mg/Kg	☼	10/06/25 10:37	10/07/25 09:20	1
Endrin ketone	0.0071	U	0.0071	0.0014	mg/Kg	☼	10/06/25 10:37	10/07/25 09:20	1
gamma-BHC (Lindane)	0.0021	U	0.0021	0.00066	mg/Kg	☼	10/06/25 10:37	10/07/25 09:20	1
Heptachlor	0.0071	U	0.0071	0.00084	mg/Kg	☼	10/06/25 10:37	10/07/25 09:20	1
Heptachlor epoxide	0.0071	U	0.0071	0.0011	mg/Kg	☼	10/06/25 10:37	10/07/25 09:20	1

Client Sample ID: 1B_7-14
Date Collected: 10/03/25 08:35
Date Received: 10/03/25 16:15

Lab Sample ID: 460-336467-8
Matrix: Solid
Percent Solids: 93.7

Method: SW846 8081B - Organochlorine Pesticides (GC) (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Methoxychlor	0.0071	U	0.0071	0.0016	mg/Kg	☼	10/06/25 10:37	10/07/25 09:20	1
Toxaphene	0.071	U	0.071	0.026	mg/Kg	☼	10/06/25 10:37	10/07/25 09:20	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
DCB Decachlorobiphenyl	*57*		*10 - 150*	*10/06/25 10:37*	*10/07/25 09:20*	*1*
DCB Decachlorobiphenyl	*42*		*10 - 150*	*10/06/25 10:37*	*10/07/25 09:20*	*1*
Tetrachloro-m-xylene	*61*		*14 - 150*	*10/06/25 10:37*	*10/07/25 09:20*	*1*
Tetrachloro-m-xylene	*61*		*14 - 150*	*10/06/25 10:37*	*10/07/25 09:20*	*1*

Method: SW846 8082A - Polychlorinated Biphenyls (PCBs) by Gas Chromatography

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Aroclor 1016	0.071	U	0.071	0.019	mg/Kg	☼	10/06/25 10:33	10/07/25 21:57	1
Aroclor 1221	0.071	U	0.071	0.019	mg/Kg	☼	10/06/25 10:33	10/07/25 21:57	1
Aroclor 1232	0.071	U	0.071	0.019	mg/Kg	☼	10/06/25 10:33	10/07/25 21:57	1
Aroclor 1242	0.071	U	0.071	0.019	mg/Kg	☼	10/06/25 10:33	10/07/25 21:57	1
Aroclor 1248	0.071	U	0.071	0.019	mg/Kg	☼	10/06/25 10:33	10/07/25 21:57	1
Aroclor 1254	0.071	U	0.071	0.019	mg/Kg	☼	10/06/25 10:33	10/07/25 21:57	1
Aroclor 1260	0.071	U	0.071	0.019	mg/Kg	☼	10/06/25 10:33	10/07/25 21:57	1
Aroclor-1262	0.071	U	0.071	0.019	mg/Kg	☼	10/06/25 10:33	10/07/25 21:57	1
Aroclor 1268	0.071	U	0.071	0.019	mg/Kg	☼	10/06/25 10:33	10/07/25 21:57	1
Polychlorinated biphenyls, Total	0.071	U	0.071	0.019	mg/Kg	☼	10/06/25 10:33	10/07/25 21:57	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
DCB Decachlorobiphenyl	*59*		*10 - 150*	*10/06/25 10:33*	*10/07/25 21:57*	*1*
DCB Decachlorobiphenyl	*59*		*10 - 150*	*10/06/25 10:33*	*10/07/25 21:57*	*1*
Tetrachloro-m-xylene	*116*		*10 - 150*	*10/06/25 10:33*	*10/07/25 21:57*	*1*
Tetrachloro-m-xylene	*120*		*10 - 150*	*10/06/25 10:33*	*10/07/25 21:57*	*1*

Method: EPA 1633A - Per- and Polyfluoroalkyl Substances by LC/MS/MS, 1633A

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Perfluorobutanoic acid (PFBA)	0.38	U	0.38	0.096	ug/Kg	☼	10/08/25 14:09	10/09/25 17:11	1
Perfluoropentanoic acid (PFPeA)	0.19	U	0.19	0.096	ug/Kg	☼	10/08/25 14:09	10/09/25 17:11	1
Perfluorohexanoic acid (PFHxA)	0.19	U	0.19	0.096	ug/Kg	☼	10/08/25 14:09	10/09/25 17:11	1
Perfluoroheptanoic acid (PFHpA)	0.19	U	0.19	0.096	ug/Kg	☼	10/08/25 14:09	10/09/25 17:11	1
Perfluorooctanoic acid (PFOA)	0.19	U	0.19	0.057	ug/Kg	☼	10/08/25 14:09	10/09/25 17:11	1
Perfluorononanoic acid (PFNA)	0.19	U	0.19	0.096	ug/Kg	☼	10/08/25 14:09	10/09/25 17:11	1
Perfluorodecanoic acid (PFDA)	0.19	U	0.19	0.057	ug/Kg	☼	10/08/25 14:09	10/09/25 17:11	1
Perfluoroundecanoic acid (PFUnA)	**1.14**		0.19	0.096	ug/Kg	☼	10/08/25 14:09	10/09/25 17:11	1
Perfluorododecanoic acid (PFDoA)	0.19	U	0.19	0.096	ug/Kg	☼	10/08/25 14:09	10/09/25 17:11	1
Perfluorotridecanoic acid (PFTrDA)	**0.099**	**J**	0.19	0.096	ug/Kg	☼	10/08/25 14:09	10/09/25 17:11	1
Perfluorotetradecanoic acid (PFTeDA)	0.19	U	0.19	0.096	ug/Kg	☼	10/08/25 14:09	10/09/25 17:11	1
Perfluorobutanesulfonic acid (PFBS)	0.19	U	0.19	0.096	ug/Kg	☼	10/08/25 14:09	10/09/25 17:11	1
Perfluoropentanesulfonic acid (PFPeS)	0.19	U	0.19	0.096	ug/Kg	☼	10/08/25 14:09	10/09/25 17:11	1
Perfluorohexanesulfonic acid (PFHxS)	0.19	U	0.19	0.096	ug/Kg	☼	10/08/25 14:09	10/09/25 17:11	1
Perfluoroheptanesulfonic acid (PFHpS)	0.19	U	0.19	0.096	ug/Kg	☼	10/08/25 14:09	10/09/25 17:11	1
Perfluorooctanesulfonic acid (PFOS)	0.19	U	0.19	0.096	ug/Kg	☼	10/08/25 14:09	10/09/25 17:11	1
Perfluorononanesulfonic acid (PFNS)	0.19	U	0.19	0.096	ug/Kg	☼	10/08/25 14:09	10/09/25 17:11	1

Client Sample ID: 1B_7-14
Date Collected: 10/03/25 08:35
Date Received: 10/03/25 16:15

Lab Sample ID: 460-336467-8
Matrix: Solid
Percent Solids: 93.7

Method: EPA 1633A - Per- and Polyfluoroalkyl Substances by LC/MS/MS, 1633A (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Perfluorodecanesulfonic acid (PFDS)	0.19	U	0.19	0.096	ug/Kg	☼	10/08/25 14:09	10/09/25 17:11	1
Perfluorododecanesulfonic acid (PFDoS)	0.19	U	0.19	0.096	ug/Kg	☼	10/08/25 14:09	10/09/25 17:11	1
1H,1H,2H,2H-Perfluorohexane sulfonic acid (4:2 FTS)	0.38	U	0.38	0.19	ug/Kg	☼	10/08/25 14:09	10/09/25 17:11	1
1H,1H,2H,2H-Perfluorooctane sulfonic acid (6:2 FTS)	0.38	U	0.38	0.19	ug/Kg	☼	10/08/25 14:09	10/09/25 17:11	1
1H,1H,2H,2H-Perfluorodecane sulfonic acid (8:2 FTS)	0.38	U	0.38	0.19	ug/Kg	☼	10/08/25 14:09	10/09/25 17:11	1
Perfluorooctanesulfonamide (PFOSA)	0.19	U	0.19	0.096	ug/Kg	☼	10/08/25 14:09	10/09/25 17:11	1
N-methylperfluorooctane sulfonamide (NMeFOSA)	0.19	U	0.19	0.096	ug/Kg	☼	10/08/25 14:09	10/09/25 17:11	1
N-ethylperfluorooctane sulfonamide (NEtFOSA)	0.19	U	0.19	0.096	ug/Kg	☼	10/08/25 14:09	10/09/25 17:11	1
N-methylperfluorooctanesulfonamidoacetic acid (NMeFOSAA)	0.19	U	0.19	0.096	ug/Kg	☼	10/08/25 14:09	10/09/25 17:11	1
N-ethylperfluorooctanesulfonamidoacetic acid (NEtFOSAA)	0.19	U	0.19	0.096	ug/Kg	☼	10/08/25 14:09	10/09/25 17:11	1
N-methylperfluorooctane sulfonamidoethanol (NMeFOSE)	0.96	U	0.96	0.48	ug/Kg	☼	10/08/25 14:09	10/09/25 17:11	1
N-ethylperfluorooctane sulfonamidoethanol (NEtFOSE)	0.96	U	0.96	0.48	ug/Kg	☼	10/08/25 14:09	10/09/25 17:11	1
Hexafluoropropylene Oxide Dimer Acid (HFPO-DA)	0.19	U	0.19	0.096	ug/Kg	☼	10/08/25 14:09	10/09/25 17:11	1
4,8-Dioxa-3H-perfluorononanoic acid (ADONA)	0.19	U	0.19	0.096	ug/Kg	☼	10/08/25 14:09	10/09/25 17:11	1
Perfluoro-3-methoxypropanoic acid (PFMPA)	0.19	U	0.19	0.096	ug/Kg	☼	10/08/25 14:09	10/09/25 17:11	1
Perfluoro-4-methoxybutanoic acid (PFMBA)	0.19	U	0.19	0.096	ug/Kg	☼	10/08/25 14:09	10/09/25 17:11	1
Nonafluoro-3,6-dioxaheptanoic acid (NFDHA)	0.19	U	0.19	0.096	ug/Kg	☼	10/08/25 14:09	10/09/25 17:11	1
9-Chlorohexadecafluoro-3-oxanonane-1-sulfonic acid (9Cl-PF3ONS)	0.19	U	0.19	0.096	ug/Kg	☼	10/08/25 14:09	10/09/25 17:11	1
11-Chloroeicosafluoro-3-oxaundecane-1-sulfonic acid (11Cl-PF3OUdS)	0.19	U	0.19	0.096	ug/Kg	☼	10/08/25 14:09	10/09/25 17:11	1
Perfluoro (2-ethoxyethane) sulfonic acid (PFEESA)	0.19	U	0.19	0.096	ug/Kg	☼	10/08/25 14:09	10/09/25 17:11	1
3-Perfluoropropylpropanoic acid (3:3 FTCA)	0.38	U	0.38	0.19	ug/Kg	☼	10/08/25 14:09	10/09/25 17:11	1
3-Perfluoropentylpropanoic acid (5:3 FTCA)	0.96	U	0.96	0.48	ug/Kg	☼	10/08/25 14:09	10/09/25 17:11	1
3-Perfluoroheptylpropanoic acid (7:3 FTCA)	0.96	U	0.96	0.48	ug/Kg	☼	10/08/25 14:09	10/09/25 17:11	1

Isotope Dilution	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
13C4 PFBA	*113*		*8 - 130*	*10/08/25 14:09*	*10/09/25 17:11*	*1*
13C5 PFPeA	*101*		*35 - 130*	*10/08/25 14:09*	*10/09/25 17:11*	*1*
13C5 PFHxA	*99.5*		*40 - 130*	*10/08/25 14:09*	*10/09/25 17:11*	*1*
13C4 PFHpA	*111*		*40 - 130*	*10/08/25 14:09*	*10/09/25 17:11*	*1*
13C8 PFOA	*104*		*40 - 130*	*10/08/25 14:09*	*10/09/25 17:11*	*1*
13C9 PFNA	*105*		*40 - 130*	*10/08/25 14:09*	*10/09/25 17:11*	*1*
13C6 PFDA	*96.1*		*40 - 130*	*10/08/25 14:09*	*10/09/25 17:11*	*1*
13C7 PFUnA	*104*		*40 - 130*	*10/08/25 14:09*	*10/09/25 17:11*	*1*
13C2 PFTeDA	*61.7*		*20 - 130*	*10/08/25 14:09*	*10/09/25 17:11*	*1*

Client Sample ID: 1B_7-14
Date Collected: 10/03/25 08:35
Date Received: 10/03/25 16:15

Lab Sample ID: 460-336467-8
Matrix: Solid
Percent Solids: 93.7

Method: EPA 1633A - Per- and Polyfluoroalkyl Substances by LC/MS/MS, 1633A (Continued)

Isotope Dilution	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
13C3 PFBS	111		40 - 135	10/08/25 14:09	10/09/25 17:11	1
13C3 PFHxS	99.7		40 - 130	10/08/25 14:09	10/09/25 17:11	1
13C8 PFOS	93.4		40 - 130	10/08/25 14:09	10/09/25 17:11	1
13C8 FOSA	84.0		40 - 130	10/08/25 14:09	10/09/25 17:11	1
d3-NMeFOSAA	75.9		40 - 135	10/08/25 14:09	10/09/25 17:11	1
d5-NEtFOSAA	80.4		40 - 150	10/08/25 14:09	10/09/25 17:11	1
13C2 4:2 FTS	119		40 - 165	10/08/25 14:09	10/09/25 17:11	1
13C2 6:2 FTS	107		40 - 215	10/08/25 14:09	10/09/25 17:11	1
13C2 8:2 FTS	100		40 - 275	10/08/25 14:09	10/09/25 17:11	1
13C3 HFPO-DA	97.5		40 - 130	10/08/25 14:09	10/09/25 17:11	1
d7-N-MeFOSE-M	71.4		20 - 130	10/08/25 14:09	10/09/25 17:11	1
d9-N-EtFOSE-M	61.2		15 - 130	10/08/25 14:09	10/09/25 17:11	1
d5-NEtPFOSA	67.0		10 - 130	10/08/25 14:09	10/09/25 17:11	1
d3-NMePFOSA	79.2		10 - 130	10/08/25 14:09	10/09/25 17:11	1
13C2 PFDoA	94.0		40 - 130	10/08/25 14:09	10/09/25 17:11	1

Method: SW846 6020B - Metals (ICP/MS)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Aluminum	3890		19.1	5.2	mg/Kg	☼	10/09/25 07:08	10/09/25 17:18	1
Antimony	0.85	J	0.95	0.14	mg/Kg	☼	10/09/25 07:08	10/09/25 17:18	1
Arsenic	8.1		0.95	0.098	mg/Kg	☼	10/09/25 07:08	10/09/25 17:18	1
Barium	27.4		1.9	0.14	mg/Kg	☼	10/09/25 07:08	10/09/25 17:18	1
Beryllium	0.34	J	0.38	0.021	mg/Kg	☼	10/09/25 07:08	10/09/25 17:18	1
Cadmium	0.95	U	0.95	0.11	mg/Kg	☼	10/09/25 07:08	10/09/25 17:18	1
Calcium	478		95.3	9.3	mg/Kg	☼	10/09/25 07:08	10/09/25 17:18	1
Chromium	9.4		1.9	0.28	mg/Kg	☼	10/09/25 07:08	10/09/25 17:18	1
Cobalt	3.9		0.95	0.14	mg/Kg	☼	10/09/25 07:08	10/09/25 17:18	1
Copper	27.0		1.9	0.35	mg/Kg	☼	10/09/25 07:08	10/09/25 17:18	1
Iron	12500		57.2	7.3	mg/Kg	☼	10/09/25 07:08	10/09/25 17:18	1
Lead	32.3		0.57	0.19	mg/Kg	☼	10/09/25 07:08	10/09/25 17:18	1
Magnesium	1040		95.3	9.7	mg/Kg	☼	10/09/25 07:08	10/09/25 17:18	1
Manganese	171		3.8	0.38	mg/Kg	☼	10/09/25 07:08	10/09/25 17:18	1
Nickel	6.3		1.9	0.17	mg/Kg	☼	10/09/25 07:08	10/09/25 17:18	1
Potassium	569		95.3	15.4	mg/Kg	☼	10/09/25 07:08	10/09/25 17:18	1
Selenium	0.37	J	1.2	0.12	mg/Kg	☼	10/09/25 07:08	10/09/25 17:18	1
Silver	0.17	J	0.38	0.085	mg/Kg	☼	10/09/25 07:08	10/09/25 17:18	1
Sodium	95.3	U	95.3	43.6	mg/Kg	☼	10/09/25 07:08	10/09/25 17:18	1
Thallium	0.047	J	0.38	0.039	mg/Kg	☼	10/09/25 07:08	10/09/25 17:18	1
Vanadium	16.6		1.9	0.20	mg/Kg	☼	10/09/25 07:08	10/09/25 17:18	1
Zinc	30.3		7.6	1.0	mg/Kg	☼	10/09/25 07:08	10/09/25 17:18	1

Method: SW846 7471B - Mercury (CVAA)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	0.026		0.018	0.0083	mg/Kg	☼	10/13/25 07:47	10/13/25 15:08	1

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Percent Moisture (EPA Moisture)	6.3		1.0	1.0	%			10/07/25 16:17	1
Percent Solids (EPA Moisture)	93.7		1.0	1.0	%			10/07/25 16:17	1

Client: Haley & Aldrich, Inc.
Project/Site: Former Port Mobil

Job ID: 460-336467-1

Client Sample ID: 1C_0-7
Date Collected: 10/03/25 08:40
Date Received: 10/03/25 16:15

Lab Sample ID: 460-336467-9
Matrix: Solid
Percent Solids: 95.5

Method: SW846 8270E - Semivolatile Organic Compounds (GC/MS)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1'-Biphenyl	0.34	U	0.34	0.012	mg/Kg	☼	10/06/25 21:57	10/07/25 17:08	1
1,2,4,5-Tetrachlorobenzene	0.34	U	0.34	0.011	mg/Kg	☼	10/06/25 21:57	10/07/25 17:08	1
1,4-Dioxane	0.034	U	0.034	0.030	mg/Kg	☼	10/06/25 21:57	10/07/25 17:08	1
2,2'-oxybis[1-chloropropane]	0.34	U	0.34	0.021	mg/Kg	☼	10/06/25 21:57	10/07/25 17:08	1
2,3,4,6-Tetrachlorophenol	0.34	U	0.34	0.023	mg/Kg	☼	10/06/25 21:57	10/07/25 17:08	1
2,4,5-Trichlorophenol	0.34	U	0.34	0.035	mg/Kg	☼	10/06/25 21:57	10/07/25 17:08	1
2,4,6-Trichlorophenol	0.14	U	0.14	0.044	mg/Kg	☼	10/06/25 21:57	10/07/25 17:08	1
2,4-Dichlorophenol	0.14	U	0.14	0.022	mg/Kg	☼	10/06/25 21:57	10/07/25 17:08	1
2,4-Dimethylphenol	0.34	U	0.34	0.041	mg/Kg	☼	10/06/25 21:57	10/07/25 17:08	1
2,4-Dinitrophenol	0.28	U	0.28	0.17	mg/Kg	☼	10/06/25 21:57	10/07/25 17:08	1
2,4-Dinitrotoluene	0.070	U	0.070	0.037	mg/Kg	☼	10/06/25 21:57	10/07/25 17:08	1
2,6-Dinitrotoluene	0.070	U	0.070	0.025	mg/Kg	☼	10/06/25 21:57	10/07/25 17:08	1
2-Chloronaphthalene	0.34	U	0.34	0.044	mg/Kg	☼	10/06/25 21:57	10/07/25 17:08	1
2-Chlorophenol	0.34	U	0.34	0.012	mg/Kg	☼	10/06/25 21:57	10/07/25 17:08	1
2-Methylnaphthalene	0.34	U	0.34	0.0096	mg/Kg	☼	10/06/25 21:57	10/07/25 17:08	1
2-Methylphenol	0.34	U	0.34	0.013	mg/Kg	☼	10/06/25 21:57	10/07/25 17:08	1
2-Nitroaniline	0.34	U	0.34	0.026	mg/Kg	☼	10/06/25 21:57	10/07/25 17:08	1
2-Nitrophenol	0.34	U	0.34	0.035	mg/Kg	☼	10/06/25 21:57	10/07/25 17:08	1
3 & 4 Methylphenol	0.34	U	0.34	0.022	mg/Kg	☼	10/06/25 21:57	10/07/25 17:08	1
3,3'-Dichlorobenzidine	0.14	U	0.14	0.052	mg/Kg	☼	10/06/25 21:57	10/07/25 17:08	1
3-Nitroaniline	0.34	U	0.34	0.082	mg/Kg	☼	10/06/25 21:57	10/07/25 17:08	1
4,6-Dinitro-2-methylphenol	0.28	U	0.28	0.14	mg/Kg	☼	10/06/25 21:57	10/07/25 17:08	1
4-Bromophenyl phenyl ether	0.34	U	0.34	0.014	mg/Kg	☼	10/06/25 21:57	10/07/25 17:08	1
4-Chloro-3-methylphenol	0.34	U	0.34	0.019	mg/Kg	☼	10/06/25 21:57	10/07/25 17:08	1
4-Chloroaniline	0.34	U	0.34	0.061	mg/Kg	☼	10/06/25 21:57	10/07/25 17:08	1
4-Chlorophenyl phenyl ether	0.34	U	0.34	0.012	mg/Kg	☼	10/06/25 21:57	10/07/25 17:08	1
4-Methylphenol	0.34	U	0.34	0.022	mg/Kg	☼	10/06/25 21:57	10/07/25 17:08	1
4-Nitroaniline	0.34	U	0.34	0.087	mg/Kg	☼	10/06/25 21:57	10/07/25 17:08	1
4-Nitrophenol	0.70	U	0.70	0.056	mg/Kg	☼	10/06/25 21:57	10/07/25 17:08	1
Acenaphthene	0.34	U	0.34	0.0098	mg/Kg	☼	10/06/25 21:57	10/07/25 17:08	1
Acenaphthylene	0.34	U	0.34	0.0099	mg/Kg	☼	10/06/25 21:57	10/07/25 17:08	1
Acetophenone	0.34	U	0.34	0.017	mg/Kg	☼	10/06/25 21:57	10/07/25 17:08	1
Anthracene	0.34	U	0.34	0.010	mg/Kg	☼	10/06/25 21:57	10/07/25 17:08	1
Atrazine	0.14	U	0.14	0.020	mg/Kg	☼	10/06/25 21:57	10/07/25 17:08	1
Benzaldehyde	0.34	U	0.34	0.057	mg/Kg	☼	10/06/25 21:57	10/07/25 17:08	1
Benzo[a]anthracene	0.034	U	0.034	0.026	mg/Kg	☼	10/06/25 21:57	10/07/25 17:08	1
Benzo[a]pyrene	0.034	U	0.034	0.0092	mg/Kg	☼	10/06/25 21:57	10/07/25 17:08	1
Benzo[b]fluoranthene	0.034	U	0.034	0.0089	mg/Kg	☼	10/06/25 21:57	10/07/25 17:08	1
Benzo[g,h,i]perylene	0.34	U	0.34	0.010	mg/Kg	☼	10/06/25 21:57	10/07/25 17:08	1
Benzo[k]fluoranthene	0.034	U	0.034	0.0068	mg/Kg	☼	10/06/25 21:57	10/07/25 17:08	1
Bis(2-chloroethoxy)methane	0.34	U	0.34	0.064	mg/Kg	☼	10/06/25 21:57	10/07/25 17:08	1
Bis(2-chloroethyl)ether	0.034	U	0.034	0.012	mg/Kg	☼	10/06/25 21:57	10/07/25 17:08	1
Bis(2-ethylhexyl) phthalate	0.34	U	0.34	0.018	mg/Kg	☼	10/06/25 21:57	10/07/25 17:08	1
Butyl benzyl phthalate	0.34	U	0.34	0.016	mg/Kg	☼	10/06/25 21:57	10/07/25 17:08	1
Caprolactam	0.34	U	0.34	0.054	mg/Kg	☼	10/06/25 21:57	10/07/25 17:08	1
Carbazole	0.34	U	0.34	0.013	mg/Kg	☼	10/06/25 21:57	10/07/25 17:08	1
Chrysene	0.34	U	0.34	0.014	mg/Kg	☼	10/06/25 21:57	10/07/25 17:08	1
Dibenz(a,h)anthracene	0.034	U	0.034	0.015	mg/Kg	☼	10/06/25 21:57	10/07/25 17:08	1
Dibenzofuran	0.34	U	0.34	0.012	mg/Kg	☼	10/06/25 21:57	10/07/25 17:08	1

Client Sample ID: 1C_0-7
Date Collected: 10/03/25 08:40
Date Received: 10/03/25 16:15

Lab Sample ID: 460-336467-9
Matrix: Solid
Percent Solids: 95.5

Method: SW846 8270E - Semivolatile Organic Compounds (GC/MS) (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Diethyl phthalate	0.34	U	0.34	0.011	mg/Kg	☼	10/06/25 21:57	10/07/25 17:08	1
Dimethyl phthalate	0.34	U	0.34	0.078	mg/Kg	☼	10/06/25 21:57	10/07/25 17:08	1
Di-n-butyl phthalate	0.34	U	0.34	0.013	mg/Kg	☼	10/06/25 21:57	10/07/25 17:08	1
Di-n-octyl phthalate	0.34	U	0.34	0.018	mg/Kg	☼	10/06/25 21:57	10/07/25 17:08	1
Fluoranthene	0.34	U	0.34	0.012	mg/Kg	☼	10/06/25 21:57	10/07/25 17:08	1
Fluorene	0.34	U	0.34	0.010	mg/Kg	☼	10/06/25 21:57	10/07/25 17:08	1
Hexachlorobenzene	0.034	U	0.034	0.016	mg/Kg	☼	10/06/25 21:57	10/07/25 17:08	1
Hexachlorobutadiene	0.070	U	0.070	0.0073	mg/Kg	☼	10/06/25 21:57	10/07/25 17:08	1
Hexachlorocyclopentadiene	0.34	U	0.34	0.030	mg/Kg	☼	10/06/25 21:57	10/07/25 17:08	1
Hexachloroethane	0.034	U	0.034	0.012	mg/Kg	☼	10/06/25 21:57	10/07/25 17:08	1
Indeno[1,2,3-cd]pyrene	0.034	U	0.034	0.013	mg/Kg	☼	10/06/25 21:57	10/07/25 17:08	1
Isophorone	0.14	U	0.14	0.10	mg/Kg	☼	10/06/25 21:57	10/07/25 17:08	1
Naphthalene	0.34	U	0.34	0.0060	mg/Kg	☼	10/06/25 21:57	10/07/25 17:08	1
Nitrobenzene	0.034	U	0.034	0.019	mg/Kg	☼	10/06/25 21:57	10/07/25 17:08	1
N-Nitrosodi-n-propylamine	0.034	U	0.034	0.025	mg/Kg	☼	10/06/25 21:57	10/07/25 17:08	1
N-Nitrosodiphenylamine	0.34	U	0.34	0.028	mg/Kg	☼	10/06/25 21:57	10/07/25 17:08	1
Pentachlorophenol	0.28	U	0.28	0.071	mg/Kg	☼	10/06/25 21:57	10/07/25 17:08	1
Phenanthrene	0.34	U	0.34	0.014	mg/Kg	☼	10/06/25 21:57	10/07/25 17:08	1
Phenol	0.34	U	0.34	0.013	mg/Kg	☼	10/06/25 21:57	10/07/25 17:08	1
Pyrene	0.34	U	0.34	0.0086	mg/Kg	☼	10/06/25 21:57	10/07/25 17:08	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
2,4,6-Tribromophenol (Surr)	*68*		*18 - 137*	*10/06/25 21:57*	*10/07/25 17:08*	*1*
2-Fluorobiphenyl	*65*		*33 - 117*	*10/06/25 21:57*	*10/07/25 17:08*	*1*
2-Fluorophenol (Surr)	*64*		*24 - 120*	*10/06/25 21:57*	*10/07/25 17:08*	*1*
Nitrobenzene-d5 (Surr)	*59*		*27 - 120*	*10/06/25 21:57*	*10/07/25 17:08*	*1*
Phenol-d5 (Surr)	*59*		*28 - 118*	*10/06/25 21:57*	*10/07/25 17:08*	*1*
Terphenyl-d14 (Surr)	*68*		*33 - 124*	*10/06/25 21:57*	*10/07/25 17:08*	*1*

Method: SW846 8081B - Organochlorine Pesticides (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
4,4'-DDD	0.0070	U	0.0070	0.0012	mg/Kg	☼	10/06/25 10:37	10/07/25 09:33	1
4,4'-DDE	0.0070	U	0.0070	0.00082	mg/Kg	☼	10/06/25 10:37	10/07/25 09:33	1
4,4'-DDT	0.0070	U	0.0070	0.0013	mg/Kg	☼	10/06/25 10:37	10/07/25 09:33	1
Aldrin	0.0070	U	0.0070	0.0011	mg/Kg	☼	10/06/25 10:37	10/07/25 09:33	1
alpha-BHC	0.0021	U	0.0021	0.00071	mg/Kg	☼	10/06/25 10:37	10/07/25 09:33	1
beta-BHC	0.0021	U	0.0021	0.00078	mg/Kg	☼	10/06/25 10:37	10/07/25 09:33	1
Chlordane (technical)	0.070	U	0.070	0.017	mg/Kg	☼	10/06/25 10:37	10/07/25 09:33	1
cis-Chlordane	0.0070	U	0.0070	0.0011	mg/Kg	☼	10/06/25 10:37	10/07/25 09:33	1
delta-BHC	0.0021	U	0.0021	0.00043	mg/Kg	☼	10/06/25 10:37	10/07/25 09:33	1
Dieldrin	0.0021	U	0.0021	0.00091	mg/Kg	☼	10/06/25 10:37	10/07/25 09:33	1
Endosulfan I	0.0070	U	0.0070	0.0011	mg/Kg	☼	10/06/25 10:37	10/07/25 09:33	1
Endosulfan II	0.0070	U	0.0070	0.0018	mg/Kg	☼	10/06/25 10:37	10/07/25 09:33	1
Endosulfan sulfate	0.0070	U	0.0070	0.00088	mg/Kg	☼	10/06/25 10:37	10/07/25 09:33	1
Endrin	0.0070	U	0.0070	0.0010	mg/Kg	☼	10/06/25 10:37	10/07/25 09:33	1
Endrin aldehyde	0.0070	U	0.0070	0.0016	mg/Kg	☼	10/06/25 10:37	10/07/25 09:33	1
Endrin ketone	0.0070	U	0.0070	0.0014	mg/Kg	☼	10/06/25 10:37	10/07/25 09:33	1
gamma-BHC (Lindane)	0.0021	U	0.0021	0.00065	mg/Kg	☼	10/06/25 10:37	10/07/25 09:33	1
Heptachlor	0.0070	U	0.0070	0.00082	mg/Kg	☼	10/06/25 10:37	10/07/25 09:33	1
Heptachlor epoxide	0.0070	U	0.0070	0.0010	mg/Kg	☼	10/06/25 10:37	10/07/25 09:33	1

Client Sample ID: 1C_0-7
Date Collected: 10/03/25 08:40
Date Received: 10/03/25 16:15

Lab Sample ID: 460-336467-9
Matrix: Solid
Percent Solids: 95.5

Method: SW846 8081B - Organochlorine Pesticides (GC) (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Methoxychlor	0.0070	U	0.0070	0.0016	mg/Kg	☼	10/06/25 10:37	10/07/25 09:33	1
Toxaphene	0.070	U	0.070	0.025	mg/Kg	☼	10/06/25 10:37	10/07/25 09:33	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
DCB Decachlorobiphenyl	*50*		*10 - 150*	*10/06/25 10:37*	*10/07/25 09:33*	*1*
DCB Decachlorobiphenyl	*45*		*10 - 150*	*10/06/25 10:37*	*10/07/25 09:33*	*1*
Tetrachloro-m-xylene	*69*		*14 - 150*	*10/06/25 10:37*	*10/07/25 09:33*	*1*
Tetrachloro-m-xylene	*70*		*14 - 150*	*10/06/25 10:37*	*10/07/25 09:33*	*1*

Method: SW846 8082A - Polychlorinated Biphenyls (PCBs) by Gas Chromatography

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Aroclor 1016	0.070	U	0.070	0.019	mg/Kg	☼	10/06/25 10:33	10/07/25 22:14	1
Aroclor 1221	0.070	U	0.070	0.019	mg/Kg	☼	10/06/25 10:33	10/07/25 22:14	1
Aroclor 1232	0.070	U	0.070	0.019	mg/Kg	☼	10/06/25 10:33	10/07/25 22:14	1
Aroclor 1242	0.070	U	0.070	0.019	mg/Kg	☼	10/06/25 10:33	10/07/25 22:14	1
Aroclor 1248	0.070	U	0.070	0.019	mg/Kg	☼	10/06/25 10:33	10/07/25 22:14	1
Aroclor 1254	0.070	U	0.070	0.019	mg/Kg	☼	10/06/25 10:33	10/07/25 22:14	1
Aroclor 1260	0.070	U	0.070	0.019	mg/Kg	☼	10/06/25 10:33	10/07/25 22:14	1
Aroclor-1262	0.070	U	0.070	0.019	mg/Kg	☼	10/06/25 10:33	10/07/25 22:14	1
Aroclor 1268	0.070	U	0.070	0.019	mg/Kg	☼	10/06/25 10:33	10/07/25 22:14	1
Polychlorinated biphenyls, Total	0.070	U	0.070	0.019	mg/Kg	☼	10/06/25 10:33	10/07/25 22:14	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
DCB Decachlorobiphenyl	*69*		*10 - 150*	*10/06/25 10:33*	*10/07/25 22:14*	*1*
DCB Decachlorobiphenyl	*68*		*10 - 150*	*10/06/25 10:33*	*10/07/25 22:14*	*1*
Tetrachloro-m-xylene	*134*		*10 - 150*	*10/06/25 10:33*	*10/07/25 22:14*	*1*
Tetrachloro-m-xylene	*140*		*10 - 150*	*10/06/25 10:33*	*10/07/25 22:14*	*1*

Method: EPA 1633A - Per- and Polyfluoroalkyl Substances by LC/MS/MS, 1633A

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Perfluorobutanoic acid (PFBA)	0.39	U	0.39	0.097	ug/Kg	☼	10/08/25 14:09	10/09/25 17:24	1
Perfluoropentanoic acid (PFPeA)	0.19	U	0.19	0.097	ug/Kg	☼	10/08/25 14:09	10/09/25 17:24	1
Perfluorohexanoic acid (PFHxA)	0.19	U	0.19	0.097	ug/Kg	☼	10/08/25 14:09	10/09/25 17:24	1
Perfluoroheptanoic acid (PFHpA)	0.19	U	0.19	0.097	ug/Kg	☼	10/08/25 14:09	10/09/25 17:24	1
Perfluorooctanoic acid (PFOA)	**0.13**	**J**	0.19	0.058	ug/Kg	☼	10/08/25 14:09	10/09/25 17:24	1
Perfluorononanoic acid (PFNA)	0.19	U	0.19	0.097	ug/Kg	☼	10/08/25 14:09	10/09/25 17:24	1
Perfluorodecanoic acid (PFDA)	0.19	U	0.19	0.058	ug/Kg	☼	10/08/25 14:09	10/09/25 17:24	1
Perfluoroundecanoic acid (PFUnA)	0.19	U	0.19	0.097	ug/Kg	☼	10/08/25 14:09	10/09/25 17:24	1
Perfluorododecanoic acid (PFDoA)	0.19	U	0.19	0.097	ug/Kg	☼	10/08/25 14:09	10/09/25 17:24	1
Perfluorotridecanoic acid (PFTrDA)	0.19	U	0.19	0.097	ug/Kg	☼	10/08/25 14:09	10/09/25 17:24	1
Perfluorotetradecanoic acid (PFTeDA)	0.19	U	0.19	0.097	ug/Kg	☼	10/08/25 14:09	10/09/25 17:24	1
Perfluorobutanesulfonic acid (PFBS)	0.19	U	0.19	0.097	ug/Kg	☼	10/08/25 14:09	10/09/25 17:24	1
Perfluoropentanesulfonic acid (PFPeS)	0.19	U	0.19	0.097	ug/Kg	☼	10/08/25 14:09	10/09/25 17:24	1
Perfluorohexanesulfonic acid (PFHxS)	0.19	U	0.19	0.097	ug/Kg	☼	10/08/25 14:09	10/09/25 17:24	1
Perfluoroheptanesulfonic acid (PFHpS)	0.19	U	0.19	0.097	ug/Kg	☼	10/08/25 14:09	10/09/25 17:24	1
Perfluorooctanesulfonic acid (PFOS)	0.19	U	0.19	0.097	ug/Kg	☼	10/08/25 14:09	10/09/25 17:24	1
Perfluorononanesulfonic acid (PFNS)	0.19	U	0.19	0.097	ug/Kg	☼	10/08/25 14:09	10/09/25 17:24	1
Perfluorodecanesulfonic acid (PFDS)	0.19	U	0.19	0.097	ug/Kg	☼	10/08/25 14:09	10/09/25 17:24	1

Client Sample ID: 1C_0-7
Date Collected: 10/03/25 08:40
Date Received: 10/03/25 16:15

Lab Sample ID: 460-336467-9
Matrix: Solid
Percent Solids: 95.5

Method: EPA 1633A - Per- and Polyfluoroalkyl Substances by LC/MS/MS, 1633A (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Perfluorododecanesulfonic acid (PFDoS)	0.19	U	0.19	0.097	ug/Kg	☼	10/08/25 14:09	10/09/25 17:24	1
1H,1H,2H,2H-Perfluorohexane sulfonic acid (4:2 FTS)	0.39	U	0.39	0.19	ug/Kg	☼	10/08/25 14:09	10/09/25 17:24	1
1H,1H,2H,2H-Perfluorooctane sulfonic acid (6:2 FTS)	0.39	U	0.39	0.19	ug/Kg	☼	10/08/25 14:09	10/09/25 17:24	1
1H,1H,2H,2H-Perfluorodecane sulfonic acid (8:2 FTS)	0.39	U	0.39	0.19	ug/Kg	☼	10/08/25 14:09	10/09/25 17:24	1
Perfluorooctanesulfonamide (PFOSA)	0.19	U	0.19	0.097	ug/Kg	☼	10/08/25 14:09	10/09/25 17:24	1
N-methylperfluorooctane sulfonamide (NMeFOSA)	0.19	U	0.19	0.097	ug/Kg	☼	10/08/25 14:09	10/09/25 17:24	1
N-ethylperfluorooctane sulfonamide (NEtFOSA)	0.19	U	0.19	0.097	ug/Kg	☼	10/08/25 14:09	10/09/25 17:24	1
N-methylperfluorooctanesulfonamidoacetic acid (NMeFOSAA)	0.19	U	0.19	0.097	ug/Kg	☼	10/08/25 14:09	10/09/25 17:24	1
N-ethylperfluorooctanesulfonamidoacetic acid (NEtFOSAA)	0.19	U	0.19	0.097	ug/Kg	☼	10/08/25 14:09	10/09/25 17:24	1
N-methylperfluorooctane sulfonamidoethanol (NMeFOSE)	0.97	U	0.97	0.49	ug/Kg	☼	10/08/25 14:09	10/09/25 17:24	1
N-ethylperfluorooctane sulfonamidoethanol (NEtFOSE)	0.97	U	0.97	0.49	ug/Kg	☼	10/08/25 14:09	10/09/25 17:24	1
Hexafluoropropylene Oxide Dimer Acid (HFPO-DA)	0.19	U	0.19	0.097	ug/Kg	☼	10/08/25 14:09	10/09/25 17:24	1
4,8-Dioxa-3H-perfluorononanoic acid (ADONA)	0.19	U	0.19	0.097	ug/Kg	☼	10/08/25 14:09	10/09/25 17:24	1
Perfluoro-3-methoxypropanoic acid (PFMPA)	0.19	U	0.19	0.097	ug/Kg	☼	10/08/25 14:09	10/09/25 17:24	1
Perfluoro-4-methoxybutanoic acid (PFMBA)	0.19	U	0.19	0.097	ug/Kg	☼	10/08/25 14:09	10/09/25 17:24	1
Nonafluoro-3,6-dioxaheptanoic acid (NFDHA)	0.19	U	0.19	0.097	ug/Kg	☼	10/08/25 14:09	10/09/25 17:24	1
9-Chlorohexadecafluoro-3-oxanonane-1-sulfonic acid (9Cl-PF3ONS)	0.19	U	0.19	0.097	ug/Kg	☼	10/08/25 14:09	10/09/25 17:24	1
11-Chloroeicosafluoro-3-oxaundecane-1-sulfonic acid (11Cl-PF3OUdS)	0.19	U	0.19	0.097	ug/Kg	☼	10/08/25 14:09	10/09/25 17:24	1
Perfluoro (2-ethoxyethane) sulfonic acid (PFEESA)	0.19	U	0.19	0.097	ug/Kg	☼	10/08/25 14:09	10/09/25 17:24	1
3-Perfluoropropylpropanoic acid (3:3 FTCA)	0.39	U	0.39	0.19	ug/Kg	☼	10/08/25 14:09	10/09/25 17:24	1
3-Perfluoropentylpropanoic acid (5:3 FTCA)	0.97	U	0.97	0.49	ug/Kg	☼	10/08/25 14:09	10/09/25 17:24	1
3-Perfluoroheptylpropanoic acid (7:3 FTCA)	0.97	U	0.97	0.49	ug/Kg	☼	10/08/25 14:09	10/09/25 17:24	1

Isotope Dilution	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
13C4 PFBA	*106*		*8 - 130*	*10/08/25 14:09*	*10/09/25 17:24*	*1*
13C5 PFPeA	*92.0*		*35 - 130*	*10/08/25 14:09*	*10/09/25 17:24*	*1*
13C5 PFHxA	*94.3*		*40 - 130*	*10/08/25 14:09*	*10/09/25 17:24*	*1*
13C4 PFHpA	*102*		*40 - 130*	*10/08/25 14:09*	*10/09/25 17:24*	*1*
13C8 PFOA	*97.5*		*40 - 130*	*10/08/25 14:09*	*10/09/25 17:24*	*1*
13C9 PFNA	*106*		*40 - 130*	*10/08/25 14:09*	*10/09/25 17:24*	*1*
13C6 PFDA	*93.8*		*40 - 130*	*10/08/25 14:09*	*10/09/25 17:24*	*1*
13C7 PFUnA	*103*		*40 - 130*	*10/08/25 14:09*	*10/09/25 17:24*	*1*
13C2 PFTeDA	*86.8*		*20 - 130*	*10/08/25 14:09*	*10/09/25 17:24*	*1*
13C3 PFBS	*100*		*40 - 135*	*10/08/25 14:09*	*10/09/25 17:24*	*1*

Client Sample ID: 1C_0-7

Date Collected: 10/03/25 08:40
Date Received: 10/03/25 16:15

Lab Sample ID: 460-336467-9

Matrix: Solid
Percent Solids: 95.5

Method: EPA 1633A - Per- and Polyfluoroalkyl Substances by LC/MS/MS, 1633A (Continued)

Isotope Dilution	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
13C3 PFHxS	92.7		40 - 130	10/08/25 14:09	10/09/25 17:24	1
13C8 PFOS	88.4		40 - 130	10/08/25 14:09	10/09/25 17:24	1
13C8 FOSA	80.8		40 - 130	10/08/25 14:09	10/09/25 17:24	1
d3-NMeFOSAA	75.7		40 - 135	10/08/25 14:09	10/09/25 17:24	1
d5-NEtFOSAA	99.4		40 - 150	10/08/25 14:09	10/09/25 17:24	1
13C2 4:2 FTS	101		40 - 165	10/08/25 14:09	10/09/25 17:24	1
13C2 6:2 FTS	95.9		40 - 215	10/08/25 14:09	10/09/25 17:24	1
13C2 8:2 FTS	85.2		40 - 275	10/08/25 14:09	10/09/25 17:24	1
13C3 HFPO-DA	99.0		40 - 130	10/08/25 14:09	10/09/25 17:24	1
d7-N-MeFOSE-M	70.8		20 - 130	10/08/25 14:09	10/09/25 17:24	1
d9-N-EtFOSE-M	56.7		15 - 130	10/08/25 14:09	10/09/25 17:24	1
d5-NEtPFOSA	70.5		10 - 130	10/08/25 14:09	10/09/25 17:24	1
d3-NMePFOSA	79.4		10 - 130	10/08/25 14:09	10/09/25 17:24	1
13C2 PFDoA	104		40 - 130	10/08/25 14:09	10/09/25 17:24	1

Method: SW846 6020B - Metals (ICP/MS)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Aluminum	6010		19.6	5.4	mg/Kg	☼	10/09/25 07:08	10/09/25 17:21	1
Antimony	0.41	J	0.98	0.14	mg/Kg	☼	10/09/25 07:08	10/09/25 17:21	1
Arsenic	5.1		0.98	0.10	mg/Kg	☼	10/09/25 07:08	10/09/25 17:21	1
Barium	38.9		2.0	0.14	mg/Kg	☼	10/09/25 07:08	10/09/25 17:21	1
Beryllium	0.45		0.39	0.022	mg/Kg	☼	10/09/25 07:08	10/09/25 17:21	1
Cadmium	0.12	J	0.98	0.11	mg/Kg	☼	10/09/25 07:08	10/09/25 17:21	1
Calcium	784		97.9	9.5	mg/Kg	☼	10/09/25 07:08	10/09/25 17:21	1
Chromium	12.2		2.0	0.29	mg/Kg	☼	10/09/25 07:08	10/09/25 17:21	1
Cobalt	5.9		0.98	0.14	mg/Kg	☼	10/09/25 07:08	10/09/25 17:21	1
Copper	24.1		2.0	0.36	mg/Kg	☼	10/09/25 07:08	10/09/25 17:21	1
Iron	14800		58.7	7.5	mg/Kg	☼	10/09/25 07:08	10/09/25 17:21	1
Lead	20.1		0.59	0.20	mg/Kg	☼	10/09/25 07:08	10/09/25 17:21	1
Magnesium	1840		97.9	10	mg/Kg	☼	10/09/25 07:08	10/09/25 17:21	1
Manganese	215		3.9	0.39	mg/Kg	☼	10/09/25 07:08	10/09/25 17:21	1
Nickel	10.1		2.0	0.17	mg/Kg	☼	10/09/25 07:08	10/09/25 17:21	1
Potassium	862		97.9	15.9	mg/Kg	☼	10/09/25 07:08	10/09/25 17:21	1
Selenium	0.21	J	1.2	0.13	mg/Kg	☼	10/09/25 07:08	10/09/25 17:21	1
Silver	0.11	J	0.39	0.087	mg/Kg	☼	10/09/25 07:08	10/09/25 17:21	1
Sodium	55.5	J	97.9	44.7	mg/Kg	☼	10/09/25 07:08	10/09/25 17:21	1
Thallium	0.073	J	0.39	0.040	mg/Kg	☼	10/09/25 07:08	10/09/25 17:21	1
Vanadium	19.9		2.0	0.20	mg/Kg	☼	10/09/25 07:08	10/09/25 17:21	1
Zinc	33.9		7.8	1.1	mg/Kg	☼	10/09/25 07:08	10/09/25 17:21	1

Method: SW846 7471B - Mercury (CVAA)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	0.021		0.017	0.0080	mg/Kg	☼	10/13/25 07:47	10/13/25 15:17	1

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Percent Moisture (EPA Moisture)	4.5		1.0	1.0	%			10/07/25 16:17	1
Percent Solids (EPA Moisture)	95.5		1.0	1.0	%			10/07/25 16:17	1

Client Sample ID: 1C_7-14
Date Collected: 10/03/25 08:45
Date Received: 10/03/25 16:15

Lab Sample ID: 460-336467-10
Matrix: Solid
Percent Solids: 93.1

Method: SW846 8270E - Semivolatile Organic Compounds (GC/MS)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1'-Biphenyl	0.35	U	0.35	0.012	mg/Kg	☼	10/06/25 21:57	10/07/25 17:31	1
1,2,4,5-Tetrachlorobenzene	0.35	U	0.35	0.011	mg/Kg	☼	10/06/25 21:57	10/07/25 17:31	1
1,4-Dioxane	0.035	U	0.035	0.031	mg/Kg	☼	10/06/25 21:57	10/07/25 17:31	1
2,2'-oxybis[1-chloropropane]	0.35	U	0.35	0.021	mg/Kg	☼	10/06/25 21:57	10/07/25 17:31	1
2,3,4,6-Tetrachlorophenol	0.35	U	0.35	0.024	mg/Kg	☼	10/06/25 21:57	10/07/25 17:31	1
2,4,5-Trichlorophenol	0.35	U	0.35	0.036	mg/Kg	☼	10/06/25 21:57	10/07/25 17:31	1
2,4,6-Trichlorophenol	0.14	U	0.14	0.046	mg/Kg	☼	10/06/25 21:57	10/07/25 17:31	1
2,4-Dichlorophenol	0.14	U	0.14	0.023	mg/Kg	☼	10/06/25 21:57	10/07/25 17:31	1
2,4-Dimethylphenol	0.35	U	0.35	0.042	mg/Kg	☼	10/06/25 21:57	10/07/25 17:31	1
2,4-Dinitrophenol	0.28	U	0.28	0.17	mg/Kg	☼	10/06/25 21:57	10/07/25 17:31	1
2,4-Dinitrotoluene	0.072	U	0.072	0.038	mg/Kg	☼	10/06/25 21:57	10/07/25 17:31	1
2,6-Dinitrotoluene	0.072	U	0.072	0.026	mg/Kg	☼	10/06/25 21:57	10/07/25 17:31	1
2-Chloronaphthalene	0.35	U	0.35	0.046	mg/Kg	☼	10/06/25 21:57	10/07/25 17:31	1
2-Chlorophenol	0.35	U	0.35	0.013	mg/Kg	☼	10/06/25 21:57	10/07/25 17:31	1
2-Methylnaphthalene	0.35	U	0.35	0.0099	mg/Kg	☼	10/06/25 21:57	10/07/25 17:31	1
2-Methylphenol	0.35	U	0.35	0.013	mg/Kg	☼	10/06/25 21:57	10/07/25 17:31	1
2-Nitroaniline	0.35	U	0.35	0.027	mg/Kg	☼	10/06/25 21:57	10/07/25 17:31	1
2-Nitrophenol	0.35	U	0.35	0.035	mg/Kg	☼	10/06/25 21:57	10/07/25 17:31	1
3 & 4 Methylphenol	0.35	U	0.35	0.022	mg/Kg	☼	10/06/25 21:57	10/07/25 17:31	1
3,3'-Dichlorobenzidine	0.14	U	0.14	0.054	mg/Kg	☼	10/06/25 21:57	10/07/25 17:31	1
3-Nitroaniline	0.35	U	0.35	0.084	mg/Kg	☼	10/06/25 21:57	10/07/25 17:31	1
4,6-Dinitro-2-methylphenol	0.28	U	0.28	0.14	mg/Kg	☼	10/06/25 21:57	10/07/25 17:31	1
4-Bromophenyl phenyl ether	0.35	U	0.35	0.014	mg/Kg	☼	10/06/25 21:57	10/07/25 17:31	1
4-Chloro-3-methylphenol	0.35	U	0.35	0.020	mg/Kg	☼	10/06/25 21:57	10/07/25 17:31	1
4-Chloroaniline	0.35	U	0.35	0.063	mg/Kg	☼	10/06/25 21:57	10/07/25 17:31	1
4-Chlorophenyl phenyl ether	0.35	U	0.35	0.013	mg/Kg	☼	10/06/25 21:57	10/07/25 17:31	1
4-Methylphenol	0.35	U	0.35	0.022	mg/Kg	☼	10/06/25 21:57	10/07/25 17:31	1
4-Nitroaniline	0.35	U	0.35	0.090	mg/Kg	☼	10/06/25 21:57	10/07/25 17:31	1
4-Nitrophenol	0.72	U	0.72	0.058	mg/Kg	☼	10/06/25 21:57	10/07/25 17:31	1
Acenaphthene	0.35	U	0.35	0.010	mg/Kg	☼	10/06/25 21:57	10/07/25 17:31	1
Acenaphthylene	0.35	U	0.35	0.010	mg/Kg	☼	10/06/25 21:57	10/07/25 17:31	1
Acetophenone	0.35	U	0.35	0.017	mg/Kg	☼	10/06/25 21:57	10/07/25 17:31	1
Anthracene	0.35	U	0.35	0.011	mg/Kg	☼	10/06/25 21:57	10/07/25 17:31	1
Atrazine	0.14	U	0.14	0.021	mg/Kg	☼	10/06/25 21:57	10/07/25 17:31	1
Benzaldehyde	0.35	U	0.35	0.059	mg/Kg	☼	10/06/25 21:57	10/07/25 17:31	1
Benzo[a]anthracene	0.035	U	0.035	0.027	mg/Kg	☼	10/06/25 21:57	10/07/25 17:31	1
Benzo[a]pyrene	0.035	U	0.035	0.0094	mg/Kg	☼	10/06/25 21:57	10/07/25 17:31	1
Benzo[b]fluoranthene	0.035	U	0.035	0.0092	mg/Kg	☼	10/06/25 21:57	10/07/25 17:31	1
Benzo[g,h,i]perylene	0.35	U	0.35	0.010	mg/Kg	☼	10/06/25 21:57	10/07/25 17:31	1
Benzo[k]fluoranthene	0.035	U	0.035	0.0070	mg/Kg	☼	10/06/25 21:57	10/07/25 17:31	1
Bis(2-chloroethoxy)methane	0.35	U	0.35	0.065	mg/Kg	☼	10/06/25 21:57	10/07/25 17:31	1
Bis(2-chloroethyl)ether	0.035	U	0.035	0.012	mg/Kg	☼	10/06/25 21:57	10/07/25 17:31	1
Bis(2-ethylhexyl) phthalate	0.35	U	0.35	0.019	mg/Kg	☼	10/06/25 21:57	10/07/25 17:31	1
Butyl benzyl phthalate	0.35	U	0.35	0.017	mg/Kg	☼	10/06/25 21:57	10/07/25 17:31	1
Caprolactam	0.35	U	0.35	0.055	mg/Kg	☼	10/06/25 21:57	10/07/25 17:31	1
Carbazole	0.35	U	0.35	0.013	mg/Kg	☼	10/06/25 21:57	10/07/25 17:31	1
Chrysene	0.35	U	0.35	0.015	mg/Kg	☼	10/06/25 21:57	10/07/25 17:31	1
Dibenz(a,h)anthracene	0.035	U	0.035	0.015	mg/Kg	☼	10/06/25 21:57	10/07/25 17:31	1
Dibenzofuran	0.35	U	0.35	0.012	mg/Kg	☼	10/06/25 21:57	10/07/25 17:31	1

Client Sample ID: 1C_7-14
Date Collected: 10/03/25 08:45
Date Received: 10/03/25 16:15

Lab Sample ID: 460-336467-10
Matrix: Solid
Percent Solids: 93.1

Method: SW846 8270E - Semivolatile Organic Compounds (GC/MS) (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Diethyl phthalate	0.35	U	0.35	0.011	mg/Kg	☼	10/06/25 21:57	10/07/25 17:31	1
Dimethyl phthalate	0.35	U	0.35	0.081	mg/Kg	☼	10/06/25 21:57	10/07/25 17:31	1
Di-n-butyl phthalate	0.35	U	0.35	0.013	mg/Kg	☼	10/06/25 21:57	10/07/25 17:31	1
Di-n-octyl phthalate	0.35	U	0.35	0.019	mg/Kg	☼	10/06/25 21:57	10/07/25 17:31	1
Fluoranthene	0.35	U	0.35	0.012	mg/Kg	☼	10/06/25 21:57	10/07/25 17:31	1
Fluorene	0.35	U	0.35	0.010	mg/Kg	☼	10/06/25 21:57	10/07/25 17:31	1
Hexachlorobenzene	0.035	U	0.035	0.017	mg/Kg	☼	10/06/25 21:57	10/07/25 17:31	1
Hexachlorobutadiene	0.072	U	0.072	0.0075	mg/Kg	☼	10/06/25 21:57	10/07/25 17:31	1
Hexachlorocyclopentadiene	0.35	U	0.35	0.031	mg/Kg	☼	10/06/25 21:57	10/07/25 17:31	1
Hexachloroethane	0.035	U	0.035	0.012	mg/Kg	☼	10/06/25 21:57	10/07/25 17:31	1
Indeno[1,2,3-cd]pyrene	0.035	U	0.035	0.014	mg/Kg	☼	10/06/25 21:57	10/07/25 17:31	1
Isophorone	0.14	U	0.14	0.10	mg/Kg	☼	10/06/25 21:57	10/07/25 17:31	1
Naphthalene	0.35	U	0.35	0.0061	mg/Kg	☼	10/06/25 21:57	10/07/25 17:31	1
Nitrobenzene	0.035	U	0.035	0.020	mg/Kg	☼	10/06/25 21:57	10/07/25 17:31	1
N-Nitrosodi-n-propylamine	0.035	U	0.035	0.026	mg/Kg	☼	10/06/25 21:57	10/07/25 17:31	1
N-Nitrosodiphenylamine	0.35	U	0.35	0.029	mg/Kg	☼	10/06/25 21:57	10/07/25 17:31	1
Pentachlorophenol	0.28	U	0.28	0.073	mg/Kg	☼	10/06/25 21:57	10/07/25 17:31	1
Phenanthrene	0.35	U	0.35	0.014	mg/Kg	☼	10/06/25 21:57	10/07/25 17:31	1
Phenol	0.35	U	0.35	0.013	mg/Kg	☼	10/06/25 21:57	10/07/25 17:31	1
Pyrene	0.35	U	0.35	0.0088	mg/Kg	☼	10/06/25 21:57	10/07/25 17:31	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
2,4,6-Tribromophenol (Surr)	*68*		*18 - 137*	*10/06/25 21:57*	*10/07/25 17:31*	*1*
2-Fluorobiphenyl	*66*		*33 - 117*	*10/06/25 21:57*	*10/07/25 17:31*	*1*
2-Fluorophenol (Surr)	*65*		*24 - 120*	*10/06/25 21:57*	*10/07/25 17:31*	*1*
Nitrobenzene-d5 (Surr)	*59*		*27 - 120*	*10/06/25 21:57*	*10/07/25 17:31*	*1*
Phenol-d5 (Surr)	*60*		*28 - 118*	*10/06/25 21:57*	*10/07/25 17:31*	*1*
Terphenyl-d14 (Surr)	*70*		*33 - 124*	*10/06/25 21:57*	*10/07/25 17:31*	*1*

Method: SW846 8081B - Organochlorine Pesticides (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
4,4'-DDD	0.0072	U	0.0072	0.0012	mg/Kg	☼	10/06/25 10:37	10/07/25 09:46	1
4,4'-DDE	0.0072	U	0.0072	0.00085	mg/Kg	☼	10/06/25 10:37	10/07/25 09:46	1
4,4'-DDT	0.0072	U	0.0072	0.0013	mg/Kg	☼	10/06/25 10:37	10/07/25 09:46	1
Aldrin	0.0072	U	0.0072	0.0011	mg/Kg	☼	10/06/25 10:37	10/07/25 09:46	1
alpha-BHC	0.0021	U	0.0021	0.00073	mg/Kg	☼	10/06/25 10:37	10/07/25 09:46	1
beta-BHC	0.0021	U	0.0021	0.00080	mg/Kg	☼	10/06/25 10:37	10/07/25 09:46	1
Chlordane (technical)	0.072	U	0.072	0.017	mg/Kg	☼	10/06/25 10:37	10/07/25 09:46	1
cis-Chlordane	0.0072	U	0.0072	0.0011	mg/Kg	☼	10/06/25 10:37	10/07/25 09:46	1
delta-BHC	0.0021	U	0.0021	0.00044	mg/Kg	☼	10/06/25 10:37	10/07/25 09:46	1
Dieldrin	0.0021	U	0.0021	0.00093	mg/Kg	☼	10/06/25 10:37	10/07/25 09:46	1
Endosulfan I	0.0072	U	0.0072	0.0011	mg/Kg	☼	10/06/25 10:37	10/07/25 09:46	1
Endosulfan II	0.0072	U	0.0072	0.0018	mg/Kg	☼	10/06/25 10:37	10/07/25 09:46	1
Endosulfan sulfate	0.0072	U	0.0072	0.00090	mg/Kg	☼	10/06/25 10:37	10/07/25 09:46	1
Endrin	0.0072	U	0.0072	0.0010	mg/Kg	☼	10/06/25 10:37	10/07/25 09:46	1
Endrin aldehyde	0.0072	U	0.0072	0.0017	mg/Kg	☼	10/06/25 10:37	10/07/25 09:46	1
Endrin ketone	0.0072	U	0.0072	0.0014	mg/Kg	☼	10/06/25 10:37	10/07/25 09:46	1
gamma-BHC (Lindane)	0.0021	U	0.0021	0.00066	mg/Kg	☼	10/06/25 10:37	10/07/25 09:46	1
Heptachlor	0.0072	U	0.0072	0.00085	mg/Kg	☼	10/06/25 10:37	10/07/25 09:46	1
Heptachlor epoxide	0.0072	U	0.0072	0.0011	mg/Kg	☼	10/06/25 10:37	10/07/25 09:46	1

Client Sample ID: 1C_7-14
Date Collected: 10/03/25 08:45
Date Received: 10/03/25 16:15

Lab Sample ID: 460-336467-10
Matrix: Solid
Percent Solids: 93.1

Method: SW846 8081B - Organochlorine Pesticides (GC) (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Methoxychlor	0.0072	U	0.0072	0.0016	mg/Kg	☼	10/06/25 10:37	10/07/25 09:46	1
Toxaphene	0.072	U	0.072	0.026	mg/Kg	☼	10/06/25 10:37	10/07/25 09:46	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
DCB Decachlorobiphenyl	*45*		*10 - 150*	*10/06/25 10:37*	*10/07/25 09:46*	*1*
DCB Decachlorobiphenyl	*47*		*10 - 150*	*10/06/25 10:37*	*10/07/25 09:46*	*1*
Tetrachloro-m-xylene	*70*		*14 - 150*	*10/06/25 10:37*	*10/07/25 09:46*	*1*
Tetrachloro-m-xylene	*69*		*14 - 150*	*10/06/25 10:37*	*10/07/25 09:46*	*1*

Method: SW846 8082A - Polychlorinated Biphenyls (PCBs) by Gas Chromatography

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Aroclor 1016	0.072	U	0.072	0.019	mg/Kg	☼	10/06/25 10:33	10/07/25 22:31	1
Aroclor 1221	0.072	U	0.072	0.019	mg/Kg	☼	10/06/25 10:33	10/07/25 22:31	1
Aroclor 1232	0.072	U	0.072	0.019	mg/Kg	☼	10/06/25 10:33	10/07/25 22:31	1
Aroclor 1242	0.072	U	0.072	0.019	mg/Kg	☼	10/06/25 10:33	10/07/25 22:31	1
Aroclor 1248	0.072	U	0.072	0.019	mg/Kg	☼	10/06/25 10:33	10/07/25 22:31	1
Aroclor 1254	0.072	U	0.072	0.019	mg/Kg	☼	10/06/25 10:33	10/07/25 22:31	1
Aroclor 1260	0.072	U	0.072	0.019	mg/Kg	☼	10/06/25 10:33	10/07/25 22:31	1
Aroclor-1262	0.072	U	0.072	0.019	mg/Kg	☼	10/06/25 10:33	10/07/25 22:31	1
Aroclor 1268	0.072	U	0.072	0.019	mg/Kg	☼	10/06/25 10:33	10/07/25 22:31	1
Polychlorinated biphenyls, Total	0.072	U	0.072	0.019	mg/Kg	☼	10/06/25 10:33	10/07/25 22:31	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
DCB Decachlorobiphenyl	*63*		*10 - 150*	*10/06/25 10:33*	*10/07/25 22:31*	*1*
DCB Decachlorobiphenyl	*63*		*10 - 150*	*10/06/25 10:33*	*10/07/25 22:31*	*1*
Tetrachloro-m-xylene	*119*		*10 - 150*	*10/06/25 10:33*	*10/07/25 22:31*	*1*
Tetrachloro-m-xylene	*123*		*10 - 150*	*10/06/25 10:33*	*10/07/25 22:31*	*1*

Method: EPA 1633A - Per- and Polyfluoroalkyl Substances by LC/MS/MS, 1633A

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Perfluorobutanoic acid (PFBA)	0.39	U	0.39	0.096	ug/Kg	☼	10/08/25 14:09	10/09/25 17:38	1
Perfluoropentanoic acid (PFPeA)	0.19	U	0.19	0.096	ug/Kg	☼	10/08/25 14:09	10/09/25 17:38	1
Perfluorohexanoic acid (PFHxA)	0.19	U	0.19	0.096	ug/Kg	☼	10/08/25 14:09	10/09/25 17:38	1
Perfluoroheptanoic acid (PFHpA)	0.19	U	0.19	0.096	ug/Kg	☼	10/08/25 14:09	10/09/25 17:38	1
Perfluorooctanoic acid (PFOA)	**0.081**	**J**	0.19	0.058	ug/Kg	☼	10/08/25 14:09	10/09/25 17:38	1
Perfluorononanoic acid (PFNA)	**0.13**	**J**	0.19	0.096	ug/Kg	☼	10/08/25 14:09	10/09/25 17:38	1
Perfluorodecanoic acid (PFDA)	**0.11**	**J**	0.19	0.058	ug/Kg	☼	10/08/25 14:09	10/09/25 17:38	1
Perfluoroundecanoic acid (PFUnA)	**0.93**		0.19	0.096	ug/Kg	☼	10/08/25 14:09	10/09/25 17:38	1
Perfluorododecanoic acid (PFDoA)	**0.16**	**J**	0.19	0.096	ug/Kg	☼	10/08/25 14:09	10/09/25 17:38	1
Perfluorotridecanoic acid (PFTrDA)	**2.62**		0.19	0.096	ug/Kg	☼	10/08/25 14:09	10/09/25 17:38	1
Perfluorotetradecanoic acid (PFTeDA)	0.19	U	0.19	0.096	ug/Kg	☼	10/08/25 14:09	10/09/25 17:38	1
Perfluorobutanesulfonic acid (PFBS)	0.19	U	0.19	0.096	ug/Kg	☼	10/08/25 14:09	10/09/25 17:38	1
Perfluoropentanesulfonic acid (PFPeS)	0.19	U	0.19	0.096	ug/Kg	☼	10/08/25 14:09	10/09/25 17:38	1
Perfluorohexanesulfonic acid (PFHxS)	0.19	U	0.19	0.096	ug/Kg	☼	10/08/25 14:09	10/09/25 17:38	1
Perfluoroheptanesulfonic acid (PFHpS)	0.19	U	0.19	0.096	ug/Kg	☼	10/08/25 14:09	10/09/25 17:38	1
Perfluorooctanesulfonic acid (PFOS)	0.19	U	0.19	0.096	ug/Kg	☼	10/08/25 14:09	10/09/25 17:38	1
Perfluorononanesulfonic acid (PFNS)	0.19	U	0.19	0.096	ug/Kg	☼	10/08/25 14:09	10/09/25 17:38	1

Client Sample ID: 1C_7-14
Date Collected: 10/03/25 08:45
Date Received: 10/03/25 16:15

Lab Sample ID: 460-336467-10
Matrix: Solid
Percent Solids: 93.1

Method: EPA 1633A - Per- and Polyfluoroalkyl Substances by LC/MS/MS, 1633A (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Perfluorodecanesulfonic acid (PFDS)	0.19	U	0.19	0.096	ug/Kg	☼	10/08/25 14:09	10/09/25 17:38	1
Perfluorododecanesulfonic acid (PFDoS)	0.19	U	0.19	0.096	ug/Kg	☼	10/08/25 14:09	10/09/25 17:38	1
1H,1H,2H,2H-Perfluorohexane sulfonic acid (4:2 FTS)	0.39	U	0.39	0.19	ug/Kg	☼	10/08/25 14:09	10/09/25 17:38	1
1H,1H,2H,2H-Perfluorooctane sulfonic acid (6:2 FTS)	0.39	U	0.39	0.19	ug/Kg	☼	10/08/25 14:09	10/09/25 17:38	1
1H,1H,2H,2H-Perfluorodecane sulfonic acid (8:2 FTS)	0.39	U	0.39	0.19	ug/Kg	☼	10/08/25 14:09	10/09/25 17:38	1
Perfluorooctanesulfonamide (PFOSA)	0.19	U	0.19	0.096	ug/Kg	☼	10/08/25 14:09	10/09/25 17:38	1
N-methylperfluorooctane sulfonamide (NMeFOSA)	0.19	U	0.19	0.096	ug/Kg	☼	10/08/25 14:09	10/09/25 17:38	1
N-ethylperfluorooctane sulfonamide (NEtFOSA)	0.19	U	0.19	0.096	ug/Kg	☼	10/08/25 14:09	10/09/25 17:38	1
N-methylperfluorooctanesulfonamidoacetic acid (NMeFOSAA)	0.19	U	0.19	0.096	ug/Kg	☼	10/08/25 14:09	10/09/25 17:38	1
N-ethylperfluorooctanesulfonamidoacetic acid (NEtFOSAA)	0.19	U	0.19	0.096	ug/Kg	☼	10/08/25 14:09	10/09/25 17:38	1
N-methylperfluorooctane sulfonamidoethanol (NMeFOSE)	0.96	U	0.96	0.48	ug/Kg	☼	10/08/25 14:09	10/09/25 17:38	1
N-ethylperfluorooctane sulfonamidoethanol (NEtFOSE)	0.96	U	0.96	0.48	ug/Kg	☼	10/08/25 14:09	10/09/25 17:38	1
Hexafluoropropylene Oxide Dimer Acid (HFPO-DA)	0.19	U	0.19	0.096	ug/Kg	☼	10/08/25 14:09	10/09/25 17:38	1
4,8-Dioxa-3H-perfluorononanoic acid (ADONA)	0.19	U	0.19	0.096	ug/Kg	☼	10/08/25 14:09	10/09/25 17:38	1
Perfluoro-3-methoxypropanoic acid (PFMPA)	0.19	U	0.19	0.096	ug/Kg	☼	10/08/25 14:09	10/09/25 17:38	1
Perfluoro-4-methoxybutanoic acid (PFMBA)	0.19	U	0.19	0.096	ug/Kg	☼	10/08/25 14:09	10/09/25 17:38	1
Nonafluoro-3,6-dioxaheptanoic acid (NFDHA)	0.19	U	0.19	0.096	ug/Kg	☼	10/08/25 14:09	10/09/25 17:38	1
9-Chlorohexadecafluoro-3-oxanonane-1-sulfonic acid (9Cl-PF3ONS)	0.19	U	0.19	0.096	ug/Kg	☼	10/08/25 14:09	10/09/25 17:38	1
11-Chloroeicosafluoro-3-oxaundecane-1-sulfonic acid (11Cl-PF3OUdS)	0.19	U	0.19	0.096	ug/Kg	☼	10/08/25 14:09	10/09/25 17:38	1
Perfluoro (2-ethoxyethane) sulfonic acid (PFEESA)	0.19	U	0.19	0.096	ug/Kg	☼	10/08/25 14:09	10/09/25 17:38	1
3-Perfluoropropylpropanoic acid (3:3 FTCA)	0.39	U	0.39	0.19	ug/Kg	☼	10/08/25 14:09	10/09/25 17:38	1
3-Perfluoropentylpropanoic acid (5:3 FTCA)	0.96	U	0.96	0.48	ug/Kg	☼	10/08/25 14:09	10/09/25 17:38	1
3-Perfluoroheptylpropanoic acid (7:3 FTCA)	0.96	U	0.96	0.48	ug/Kg	☼	10/08/25 14:09	10/09/25 17:38	1

Isotope Dilution	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
13C4 PFBA	*103*		*8 - 130*	*10/08/25 14:09*	*10/09/25 17:38*	*1*
13C5 PFPeA	*91.6*		*35 - 130*	*10/08/25 14:09*	*10/09/25 17:38*	*1*
13C5 PFHxA	*90.8*		*40 - 130*	*10/08/25 14:09*	*10/09/25 17:38*	*1*
13C4 PFHpA	*98.7*		*40 - 130*	*10/08/25 14:09*	*10/09/25 17:38*	*1*
13C8 PFOA	*96.9*		*40 - 130*	*10/08/25 14:09*	*10/09/25 17:38*	*1*
13C9 PFNA	*96.2*		*40 - 130*	*10/08/25 14:09*	*10/09/25 17:38*	*1*
13C6 PFDA	*94.8*		*40 - 130*	*10/08/25 14:09*	*10/09/25 17:38*	*1*
13C7 PFUnA	*103*		*40 - 130*	*10/08/25 14:09*	*10/09/25 17:38*	*1*
13C2 PFTeDA	*85.3*		*20 - 130*	*10/08/25 14:09*	*10/09/25 17:38*	*1*

Client Sample ID: 1C_7-14
Date Collected: 10/03/25 08:45
Date Received: 10/03/25 16:15

Lab Sample ID: 460-336467-10
Matrix: Solid
Percent Solids: 93.1

Method: EPA 1633A - Per- and Polyfluoroalkyl Substances by LC/MS/MS, 1633A (Continued)

Isotope Dilution	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
13C3 PFBS	96.1		40 - 135	10/08/25 14:09	10/09/25 17:38	1
13C3 PFHxS	90.3		40 - 130	10/08/25 14:09	10/09/25 17:38	1
13C8 PFOS	85.1		40 - 130	10/08/25 14:09	10/09/25 17:38	1
13C8 FOSA	82.7		40 - 130	10/08/25 14:09	10/09/25 17:38	1
d3-NMeFOSAA	78.0		40 - 135	10/08/25 14:09	10/09/25 17:38	1
d5-NEtFOSAA	85.8		40 - 150	10/08/25 14:09	10/09/25 17:38	1
13C2 4:2 FTS	131		40 - 165	10/08/25 14:09	10/09/25 17:38	1
13C2 6:2 FTS	121		40 - 215	10/08/25 14:09	10/09/25 17:38	1
13C2 8:2 FTS	104		40 - 275	10/08/25 14:09	10/09/25 17:38	1
13C3 HFPO-DA	93.2		40 - 130	10/08/25 14:09	10/09/25 17:38	1
d7-N-MeFOSE-M	72.4		20 - 130	10/08/25 14:09	10/09/25 17:38	1
d9-N-EtFOSE-M	57.5		15 - 130	10/08/25 14:09	10/09/25 17:38	1
d5-NEtPFOSA	72.8		10 - 130	10/08/25 14:09	10/09/25 17:38	1
d3-NMePFOSA	77.6		10 - 130	10/08/25 14:09	10/09/25 17:38	1
13C2 PFDoA	92.7		40 - 130	10/08/25 14:09	10/09/25 17:38	1

Method: SW846 6020B - Metals (ICP/MS)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Aluminum	8060		19.9	5.5	mg/Kg	☼	10/09/25 07:08	10/09/25 17:24	1
Antimony	0.98	J	0.99	0.15	mg/Kg	☼	10/09/25 07:08	10/09/25 17:24	1
Arsenic	6.3		0.99	0.10	mg/Kg	☼	10/09/25 07:08	10/09/25 17:24	1
Barium	39.0		2.0	0.14	mg/Kg	☼	10/09/25 07:08	10/09/25 17:24	1
Beryllium	0.62		0.40	0.022	mg/Kg	☼	10/09/25 07:08	10/09/25 17:24	1
Cadmium	0.20	J	0.99	0.11	mg/Kg	☼	10/09/25 07:08	10/09/25 17:24	1
Calcium	1280		99.5	9.7	mg/Kg	☼	10/09/25 07:08	10/09/25 17:24	1
Chromium	15.7		2.0	0.30	mg/Kg	☼	10/09/25 07:08	10/09/25 17:24	1
Cobalt	6.7		0.99	0.15	mg/Kg	☼	10/09/25 07:08	10/09/25 17:24	1
Copper	31.7		2.0	0.37	mg/Kg	☼	10/09/25 07:08	10/09/25 17:24	1
Iron	17900		59.7	7.6	mg/Kg	☼	10/09/25 07:08	10/09/25 17:24	1
Lead	57.7		0.60	0.20	mg/Kg	☼	10/09/25 07:08	10/09/25 17:24	1
Magnesium	2860		99.5	10.1	mg/Kg	☼	10/09/25 07:08	10/09/25 17:24	1
Manganese	243		4.0	0.40	mg/Kg	☼	10/09/25 07:08	10/09/25 17:24	1
Nickel	15.0		2.0	0.18	mg/Kg	☼	10/09/25 07:08	10/09/25 17:24	1
Potassium	1090		99.5	16.1	mg/Kg	☼	10/09/25 07:08	10/09/25 17:24	1
Selenium	0.21	J	1.2	0.13	mg/Kg	☼	10/09/25 07:08	10/09/25 17:24	1
Silver	0.19	J	0.40	0.089	mg/Kg	☼	10/09/25 07:08	10/09/25 17:24	1
Sodium	74.5	J	99.5	45.5	mg/Kg	☼	10/09/25 07:08	10/09/25 17:24	1
Thallium	0.082	J	0.40	0.041	mg/Kg	☼	10/09/25 07:08	10/09/25 17:24	1
Vanadium	23.4		2.0	0.20	mg/Kg	☼	10/09/25 07:08	10/09/25 17:24	1
Zinc	70.3		8.0	1.1	mg/Kg	☼	10/09/25 07:08	10/09/25 17:24	1

Method: SW846 7471B - Mercury (CVAA)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	0.027		0.018	0.0085	mg/Kg	☼	10/13/25 07:47	10/13/25 15:20	1

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Percent Moisture (EPA Moisture)	6.9		1.0	1.0	%			10/07/25 16:17	1
Percent Solids (EPA Moisture)	93.1		1.0	1.0	%			10/07/25 16:17	1

Client Sample ID: 1D_0-7
Date Collected: 10/03/25 08:50
Date Received: 10/03/25 16:15

Lab Sample ID: 460-336467-11
Matrix: Solid
Percent Solids: 91.7

Method: SW846 8270E - Semivolatile Organic Compounds (GC/MS)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1'-Biphenyl	0.36	U	0.36	0.012	mg/Kg	☼	10/06/25 21:57	10/07/25 17:55	1
1,2,4,5-Tetrachlorobenzene	0.36	U	0.36	0.011	mg/Kg	☼	10/06/25 21:57	10/07/25 17:55	1
1,4-Dioxane	0.036	U	0.036	0.031	mg/Kg	☼	10/06/25 21:57	10/07/25 17:55	1
2,2'-oxybis[1-chloropropane]	0.36	U	0.36	0.021	mg/Kg	☼	10/06/25 21:57	10/07/25 17:55	1
2,3,4,6-Tetrachlorophenol	0.36	U	0.36	0.024	mg/Kg	☼	10/06/25 21:57	10/07/25 17:55	1
2,4,5-Trichlorophenol	0.36	U	0.36	0.036	mg/Kg	☼	10/06/25 21:57	10/07/25 17:55	1
2,4,6-Trichlorophenol	0.14	U	0.14	0.046	mg/Kg	☼	10/06/25 21:57	10/07/25 17:55	1
2,4-Dichlorophenol	0.14	U	0.14	0.023	mg/Kg	☼	10/06/25 21:57	10/07/25 17:55	1
2,4-Dimethylphenol	0.36	U	0.36	0.043	mg/Kg	☼	10/06/25 21:57	10/07/25 17:55	1
2,4-Dinitrophenol	0.29	U	0.29	0.18	mg/Kg	☼	10/06/25 21:57	10/07/25 17:55	1
2,4-Dinitrotoluene	0.072	U	0.072	0.038	mg/Kg	☼	10/06/25 21:57	10/07/25 17:55	1
2,6-Dinitrotoluene	0.072	U	0.072	0.026	mg/Kg	☼	10/06/25 21:57	10/07/25 17:55	1
2-Chloronaphthalene	0.36	U	0.36	0.046	mg/Kg	☼	10/06/25 21:57	10/07/25 17:55	1
2-Chlorophenol	0.36	U	0.36	0.013	mg/Kg	☼	10/06/25 21:57	10/07/25 17:55	1
2-Methylnaphthalene	0.36	U	0.36	0.010	mg/Kg	☼	10/06/25 21:57	10/07/25 17:55	1
2-Methylphenol	0.36	U	0.36	0.013	mg/Kg	☼	10/06/25 21:57	10/07/25 17:55	1
2-Nitroaniline	0.36	U	0.36	0.027	mg/Kg	☼	10/06/25 21:57	10/07/25 17:55	1
2-Nitrophenol	0.36	U	0.36	0.036	mg/Kg	☼	10/06/25 21:57	10/07/25 17:55	1
3 & 4 Methylphenol	0.36	U	0.36	0.022	mg/Kg	☼	10/06/25 21:57	10/07/25 17:55	1
3,3'-Dichlorobenzidine	0.14	U	0.14	0.054	mg/Kg	☼	10/06/25 21:57	10/07/25 17:55	1
3-Nitroaniline	0.36	U	0.36	0.085	mg/Kg	☼	10/06/25 21:57	10/07/25 17:55	1
4,6-Dinitro-2-methylphenol	0.29	U	0.29	0.15	mg/Kg	☼	10/06/25 21:57	10/07/25 17:55	1
4-Bromophenyl phenyl ether	0.36	U	0.36	0.014	mg/Kg	☼	10/06/25 21:57	10/07/25 17:55	1
4-Chloro-3-methylphenol	0.36	U	0.36	0.020	mg/Kg	☼	10/06/25 21:57	10/07/25 17:55	1
4-Chloroaniline	0.36	U	0.36	0.063	mg/Kg	☼	10/06/25 21:57	10/07/25 17:55	1
4-Chlorophenyl phenyl ether	0.36	U	0.36	0.013	mg/Kg	☼	10/06/25 21:57	10/07/25 17:55	1
4-Methylphenol	0.36	U	0.36	0.022	mg/Kg	☼	10/06/25 21:57	10/07/25 17:55	1
4-Nitroaniline	0.36	U	0.36	0.091	mg/Kg	☼	10/06/25 21:57	10/07/25 17:55	1
4-Nitrophenol	0.72	U	0.72	0.058	mg/Kg	☼	10/06/25 21:57	10/07/25 17:55	1
Acenaphthene	0.36	U	0.36	0.010	mg/Kg	☼	10/06/25 21:57	10/07/25 17:55	1
Acenaphthylene	0.36	U	0.36	0.010	mg/Kg	☼	10/06/25 21:57	10/07/25 17:55	1
Acetophenone	0.36	U	0.36	0.018	mg/Kg	☼	10/06/25 21:57	10/07/25 17:55	1
Anthracene	0.36	U	0.36	0.011	mg/Kg	☼	10/06/25 21:57	10/07/25 17:55	1
Atrazine	0.14	U	0.14	0.021	mg/Kg	☼	10/06/25 21:57	10/07/25 17:55	1
Benzaldehyde	0.36	U	0.36	0.059	mg/Kg	☼	10/06/25 21:57	10/07/25 17:55	1
Benzo[a]anthracene	0.036	U	0.036	0.027	mg/Kg	☼	10/06/25 21:57	10/07/25 17:55	1
Benzo[a]pyrene	0.036	U	0.036	0.0095	mg/Kg	☼	10/06/25 21:57	10/07/25 17:55	1
Benzo[b]fluoranthene	0.036	U	0.036	0.0092	mg/Kg	☼	10/06/25 21:57	10/07/25 17:55	1
Benzo[g,h,i]perylene	0.36	U	0.36	0.011	mg/Kg	☼	10/06/25 21:57	10/07/25 17:55	1
Benzo[k]fluoranthene	0.036	U	0.036	0.0070	mg/Kg	☼	10/06/25 21:57	10/07/25 17:55	1
Bis(2-chloroethoxy)methane	0.36	U	0.36	0.066	mg/Kg	☼	10/06/25 21:57	10/07/25 17:55	1
Bis(2-chloroethyl)ether	0.036	U	0.036	0.012	mg/Kg	☼	10/06/25 21:57	10/07/25 17:55	1
Bis(2-ethylhexyl) phthalate	0.36	U	0.36	0.019	mg/Kg	☼	10/06/25 21:57	10/07/25 17:55	1
Butyl benzyl phthalate	0.36	U	0.36	0.017	mg/Kg	☼	10/06/25 21:57	10/07/25 17:55	1
Caprolactam	0.36	U	0.36	0.056	mg/Kg	☼	10/06/25 21:57	10/07/25 17:55	1
Carbazole	0.36	U	0.36	0.014	mg/Kg	☼	10/06/25 21:57	10/07/25 17:55	1
Chrysene	0.36	U	0.36	0.015	mg/Kg	☼	10/06/25 21:57	10/07/25 17:55	1
Dibenz(a,h)anthracene	0.036	U	0.036	0.015	mg/Kg	☼	10/06/25 21:57	10/07/25 17:55	1
Dibenzofuran	0.36	U	0.36	0.012	mg/Kg	☼	10/06/25 21:57	10/07/25 17:55	1

Client Sample ID: 1D_0-7
Date Collected: 10/03/25 08:50
Date Received: 10/03/25 16:15

Lab Sample ID: 460-336467-11
Matrix: Solid
Percent Solids: 91.7

Method: SW846 8270E - Semivolatile Organic Compounds (GC/MS) (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Diethyl phthalate	0.36	U	0.36	0.011	mg/Kg	☼	10/06/25 21:57	10/07/25 17:55	1
Dimethyl phthalate	0.36	U	0.36	0.081	mg/Kg	☼	10/06/25 21:57	10/07/25 17:55	1
Di-n-butyl phthalate	0.36	U	0.36	0.013	mg/Kg	☼	10/06/25 21:57	10/07/25 17:55	1
Di-n-octyl phthalate	0.36	U	0.36	0.019	mg/Kg	☼	10/06/25 21:57	10/07/25 17:55	1
Fluoranthene	0.36	U	0.36	0.012	mg/Kg	☼	10/06/25 21:57	10/07/25 17:55	1
Fluorene	0.36	U	0.36	0.010	mg/Kg	☼	10/06/25 21:57	10/07/25 17:55	1
Hexachlorobenzene	0.036	U	0.036	0.017	mg/Kg	☼	10/06/25 21:57	10/07/25 17:55	1
Hexachlorobutadiene	0.072	U	0.072	0.0076	mg/Kg	☼	10/06/25 21:57	10/07/25 17:55	1
Hexachlorocyclopentadiene	0.36	U	0.36	0.031	mg/Kg	☼	10/06/25 21:57	10/07/25 17:55	1
Hexachloroethane	0.036	U	0.036	0.012	mg/Kg	☼	10/06/25 21:57	10/07/25 17:55	1
Indeno[1,2,3-cd]pyrene	0.036	U	0.036	0.014	mg/Kg	☼	10/06/25 21:57	10/07/25 17:55	1
Isophorone	0.14	U	0.14	0.10	mg/Kg	☼	10/06/25 21:57	10/07/25 17:55	1
Naphthalene	0.36	U	0.36	0.0062	mg/Kg	☼	10/06/25 21:57	10/07/25 17:55	1
Nitrobenzene	0.036	U	0.036	0.020	mg/Kg	☼	10/06/25 21:57	10/07/25 17:55	1
N-Nitrosodi-n-propylamine	0.036	U	0.036	0.026	mg/Kg	☼	10/06/25 21:57	10/07/25 17:55	1
N-Nitrosodiphenylamine	0.36	U	0.36	0.029	mg/Kg	☼	10/06/25 21:57	10/07/25 17:55	1
Pentachlorophenol	0.29	U	0.29	0.073	mg/Kg	☼	10/06/25 21:57	10/07/25 17:55	1
Phenanthrene	0.36	U	0.36	0.015	mg/Kg	☼	10/06/25 21:57	10/07/25 17:55	1
Phenol	0.36	U	0.36	0.013	mg/Kg	☼	10/06/25 21:57	10/07/25 17:55	1
Pyrene	0.36	U	0.36	0.0089	mg/Kg	☼	10/06/25 21:57	10/07/25 17:55	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
2,4,6-Tribromophenol (Surr)	*75*		*18 - 137*	*10/06/25 21:57*	*10/07/25 17:55*	*1*
2-Fluorobiphenyl	*71*		*33 - 117*	*10/06/25 21:57*	*10/07/25 17:55*	*1*
2-Fluorophenol (Surr)	*72*		*24 - 120*	*10/06/25 21:57*	*10/07/25 17:55*	*1*
Nitrobenzene-d5 (Surr)	*64*		*27 - 120*	*10/06/25 21:57*	*10/07/25 17:55*	*1*
Phenol-d5 (Surr)	*67*		*28 - 118*	*10/06/25 21:57*	*10/07/25 17:55*	*1*
Terphenyl-d14 (Surr)	*77*		*33 - 124*	*10/06/25 21:57*	*10/07/25 17:55*	*1*

Method: SW846 8081B - Organochlorine Pesticides (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
4,4'-DDD	0.0072	U	0.0072	0.0012	mg/Kg	☼	10/06/25 10:37	10/07/25 09:59	1
4,4'-DDE	0.0072	U	0.0072	0.00085	mg/Kg	☼	10/06/25 10:37	10/07/25 09:59	1
4,4'-DDT	0.0072	U	0.0072	0.0013	mg/Kg	☼	10/06/25 10:37	10/07/25 09:59	1
Aldrin	0.0072	U	0.0072	0.0011	mg/Kg	☼	10/06/25 10:37	10/07/25 09:59	1
alpha-BHC	0.0022	U	0.0022	0.00074	mg/Kg	☼	10/06/25 10:37	10/07/25 09:59	1
beta-BHC	0.0022	U	0.0022	0.00081	mg/Kg	☼	10/06/25 10:37	10/07/25 09:59	1
Chlordane (technical)	0.072	U	0.072	0.018	mg/Kg	☼	10/06/25 10:37	10/07/25 09:59	1
cis-Chlordane	0.0072	U	0.0072	0.0011	mg/Kg	☼	10/06/25 10:37	10/07/25 09:59	1
delta-BHC	0.0022	U	0.0022	0.00044	mg/Kg	☼	10/06/25 10:37	10/07/25 09:59	1
Dieldrin	0.0022	U	0.0022	0.00094	mg/Kg	☼	10/06/25 10:37	10/07/25 09:59	1
Endosulfan I	0.0072	U	0.0072	0.0011	mg/Kg	☼	10/06/25 10:37	10/07/25 09:59	1
Endosulfan II	0.0072	U	0.0072	0.0019	mg/Kg	☼	10/06/25 10:37	10/07/25 09:59	1
Endosulfan sulfate	0.0072	U	0.0072	0.00091	mg/Kg	☼	10/06/25 10:37	10/07/25 09:59	1
Endrin	0.0072	U	0.0072	0.0010	mg/Kg	☼	10/06/25 10:37	10/07/25 09:59	1
Endrin aldehyde	0.0072	U	0.0072	0.0017	mg/Kg	☼	10/06/25 10:37	10/07/25 09:59	1
Endrin ketone	0.0072	U	0.0072	0.0014	mg/Kg	☼	10/06/25 10:37	10/07/25 09:59	1
gamma-BHC (Lindane)	0.0022	U	0.0022	0.00067	mg/Kg	☼	10/06/25 10:37	10/07/25 09:59	1
Heptachlor	0.0072	U	0.0072	0.00085	mg/Kg	☼	10/06/25 10:37	10/07/25 09:59	1
Heptachlor epoxide	0.0072	U	0.0072	0.0011	mg/Kg	☼	10/06/25 10:37	10/07/25 09:59	1

Client Sample ID: 1D_0-7
Date Collected: 10/03/25 08:50
Date Received: 10/03/25 16:15

Lab Sample ID: 460-336467-11
Matrix: Solid
Percent Solids: 91.7

Method: SW846 8081B - Organochlorine Pesticides (GC) (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Methoxychlor	0.0072	U	0.0072	0.0017	mg/Kg	☼	10/06/25 10:37	10/07/25 09:59	1
Toxaphene	0.072	U	0.072	0.026	mg/Kg	☼	10/06/25 10:37	10/07/25 09:59	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
DCB Decachlorobiphenyl	*61*		*10 - 150*	*10/06/25 10:37*	*10/07/25 09:59*	*1*
DCB Decachlorobiphenyl	*46*		*10 - 150*	*10/06/25 10:37*	*10/07/25 09:59*	*1*
Tetrachloro-m-xylene	*79*		*14 - 150*	*10/06/25 10:37*	*10/07/25 09:59*	*1*
Tetrachloro-m-xylene	*78*		*14 - 150*	*10/06/25 10:37*	*10/07/25 09:59*	*1*

Method: SW846 8082A - Polychlorinated Biphenyls (PCBs) by Gas Chromatography

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Aroclor 1016	0.072	U	0.072	0.019	mg/Kg	☼	10/06/25 10:33	10/07/25 22:47	1
Aroclor 1221	0.072	U	0.072	0.019	mg/Kg	☼	10/06/25 10:33	10/07/25 22:47	1
Aroclor 1232	0.072	U	0.072	0.019	mg/Kg	☼	10/06/25 10:33	10/07/25 22:47	1
Aroclor 1242	0.072	U	0.072	0.019	mg/Kg	☼	10/06/25 10:33	10/07/25 22:47	1
Aroclor 1248	0.072	U	0.072	0.019	mg/Kg	☼	10/06/25 10:33	10/07/25 22:47	1
Aroclor 1254	0.072	U	0.072	0.019	mg/Kg	☼	10/06/25 10:33	10/07/25 22:47	1
Aroclor 1260	0.072	U	0.072	0.019	mg/Kg	☼	10/06/25 10:33	10/07/25 22:47	1
Aroclor-1262	0.072	U	0.072	0.019	mg/Kg	☼	10/06/25 10:33	10/07/25 22:47	1
Aroclor 1268	0.072	U	0.072	0.019	mg/Kg	☼	10/06/25 10:33	10/07/25 22:47	1
Polychlorinated biphenyls, Total	0.072	U	0.072	0.019	mg/Kg	☼	10/06/25 10:33	10/07/25 22:47	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
DCB Decachlorobiphenyl	*74*		*10 - 150*	*10/06/25 10:33*	*10/07/25 22:47*	*1*
DCB Decachlorobiphenyl	*72*		*10 - 150*	*10/06/25 10:33*	*10/07/25 22:47*	*1*
Tetrachloro-m-xylene	*142*		*10 - 150*	*10/06/25 10:33*	*10/07/25 22:47*	*1*
Tetrachloro-m-xylene	*147*		*10 - 150*	*10/06/25 10:33*	*10/07/25 22:47*	*1*

Method: EPA 1633A - Per- and Polyfluoroalkyl Substances by LC/MS/MS, 1633A

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Perfluorobutanoic acid (PFBA)	0.40	U	0.40	0.10	ug/Kg	☼	10/08/25 14:09	10/09/25 18:19	1
Perfluoropentanoic acid (PFPeA)	0.20	U	0.20	0.10	ug/Kg	☼	10/08/25 14:09	10/09/25 18:19	1
Perfluorohexanoic acid (PFHxA)	0.20	U	0.20	0.10	ug/Kg	☼	10/08/25 14:09	10/09/25 18:19	1
Perfluoroheptanoic acid (PFHpA)	0.20	U	0.20	0.10	ug/Kg	☼	10/08/25 14:09	10/09/25 18:19	1
Perfluorooctanoic acid (PFOA)	**0.089**	**J**	0.20	0.060	ug/Kg	☼	10/08/25 14:09	10/09/25 18:19	1
Perfluorononanoic acid (PFNA)	**0.33**		0.20	0.10	ug/Kg	☼	10/08/25 14:09	10/09/25 18:19	1
Perfluorodecanoic acid (PFDA)	**0.11**	**J**	0.20	0.060	ug/Kg	☼	10/08/25 14:09	10/09/25 18:19	1
Perfluoroundecanoic acid (PFUnA)	**0.97**		0.20	0.10	ug/Kg	☼	10/08/25 14:09	10/09/25 18:19	1
Perfluorododecanoic acid (PFDoA)	0.20	U	0.20	0.10	ug/Kg	☼	10/08/25 14:09	10/09/25 18:19	1
Perfluorotridecanoic acid (PFTrDA)	**0.32**		0.20	0.10	ug/Kg	☼	10/08/25 14:09	10/09/25 18:19	1
Perfluorotetradecanoic acid (PFTeDA)	0.20	U	0.20	0.10	ug/Kg	☼	10/08/25 14:09	10/09/25 18:19	1
Perfluorobutanesulfonic acid (PFBS)	0.25	U	0.25	0.25	ug/Kg	☼	10/08/25 14:09	10/09/25 18:19	1
Perfluoropentanesulfonic acid (PFPeS)	0.20	U	0.20	0.10	ug/Kg	☼	10/08/25 14:09	10/09/25 18:19	1
Perfluorohexanesulfonic acid (PFHxS)	0.20	U	0.20	0.10	ug/Kg	☼	10/08/25 14:09	10/09/25 18:19	1
Perfluoroheptanesulfonic acid (PFHpS)	0.20	U	0.20	0.10	ug/Kg	☼	10/08/25 14:09	10/09/25 18:19	1
Perfluorooctanesulfonic acid (PFOS)	**0.10**	**J**	0.20	0.10	ug/Kg	☼	10/08/25 14:09	10/09/25 18:19	1
Perfluorononanesulfonic acid (PFNS)	0.20	U	0.20	0.10	ug/Kg	☼	10/08/25 14:09	10/09/25 18:19	1

Client Sample ID: 1D_0-7
Date Collected: 10/03/25 08:50
Date Received: 10/03/25 16:15

Lab Sample ID: 460-336467-11
Matrix: Solid
Percent Solids: 91.7

Method: EPA 1633A - Per- and Polyfluoroalkyl Substances by LC/MS/MS, 1633A (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Perfluorodecanesulfonic acid (PFDS)	0.20	U	0.20	0.10	ug/Kg	☼	10/08/25 14:09	10/09/25 18:19	1
Perfluorododecanesulfonic acid (PFDoS)	0.20	U	0.20	0.10	ug/Kg	☼	10/08/25 14:09	10/09/25 18:19	1
1H,1H,2H,2H-Perfluorohexane sulfonic acid (4:2 FTS)	0.40	U	0.40	0.20	ug/Kg	☼	10/08/25 14:09	10/09/25 18:19	1
1H,1H,2H,2H-Perfluorooctane sulfonic acid (6:2 FTS)	0.40	U	0.40	0.20	ug/Kg	☼	10/08/25 14:09	10/09/25 18:19	1
1H,1H,2H,2H-Perfluorodecane sulfonic acid (8:2 FTS)	0.40	U	0.40	0.20	ug/Kg	☼	10/08/25 14:09	10/09/25 18:19	1
Perfluorooctanesulfonamide (PFOSA)	0.20	U	0.20	0.10	ug/Kg	☼	10/08/25 14:09	10/09/25 18:19	1
N-methylperfluorooctane sulfonamide (NMeFOSA)	0.20	U	0.20	0.10	ug/Kg	☼	10/08/25 14:09	10/09/25 18:19	1
N-ethylperfluorooctane sulfonamide (NEtFOSA)	0.20	U	0.20	0.10	ug/Kg	☼	10/08/25 14:09	10/09/25 18:19	1
N-methylperfluorooctanesulfonamidoacetic acid (NMeFOSAA)	0.20	U	0.20	0.10	ug/Kg	☼	10/08/25 14:09	10/09/25 18:19	1
N-ethylperfluorooctanesulfonamidoacetic acid (NEtFOSAA)	0.20	U	0.20	0.10	ug/Kg	☼	10/08/25 14:09	10/09/25 18:19	1
N-methylperfluorooctane sulfonamidoethanol (NMeFOSE)	1.0	U	1.0	0.50	ug/Kg	☼	10/08/25 14:09	10/09/25 18:19	1
N-ethylperfluorooctane sulfonamidoethanol (NEtFOSE)	1.0	U	1.0	0.50	ug/Kg	☼	10/08/25 14:09	10/09/25 18:19	1
Hexafluoropropylene Oxide Dimer Acid (HFPO-DA)	0.20	U	0.20	0.10	ug/Kg	☼	10/08/25 14:09	10/09/25 18:19	1
4,8-Dioxa-3H-perfluorononanoic acid (ADONA)	0.20	U	0.20	0.10	ug/Kg	☼	10/08/25 14:09	10/09/25 18:19	1
Perfluoro-3-methoxypropanoic acid (PFMPA)	0.20	U	0.20	0.10	ug/Kg	☼	10/08/25 14:09	10/09/25 18:19	1
Perfluoro-4-methoxybutanoic acid (PFMBA)	0.20	U	0.20	0.10	ug/Kg	☼	10/08/25 14:09	10/09/25 18:19	1
Nonafluoro-3,6-dioxaheptanoic acid (NFDHA)	0.20	U	0.20	0.10	ug/Kg	☼	10/08/25 14:09	10/09/25 18:19	1
9-Chlorohexadecafluoro-3-oxanonane-1-sulfonic acid (9Cl-PF3ONS)	0.20	U	0.20	0.10	ug/Kg	☼	10/08/25 14:09	10/09/25 18:19	1
11-Chloroeicosafluoro-3-oxaundecane-1-sulfonic acid (11Cl-PF3OUdS)	0.20	U	0.20	0.10	ug/Kg	☼	10/08/25 14:09	10/09/25 18:19	1
Perfluoro (2-ethoxyethane) sulfonic acid (PFEESA)	0.20	U	0.20	0.10	ug/Kg	☼	10/08/25 14:09	10/09/25 18:19	1
3-Perfluoropropylpropanoic acid (3:3 FTCA)	0.40	U	0.40	0.20	ug/Kg	☼	10/08/25 14:09	10/09/25 18:19	1
3-Perfluoropentylpropanoic acid (5:3 FTCA)	1.0	U	1.0	0.50	ug/Kg	☼	10/08/25 14:09	10/09/25 18:19	1
3-Perfluoroheptylpropanoic acid (7:3 FTCA)	1.0	U	1.0	0.50	ug/Kg	☼	10/08/25 14:09	10/09/25 18:19	1

Isotope Dilution	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
13C4 PFBA	*134*	*	*8 - 130*	*10/08/25 14:09*	*10/09/25 18:19*	*1*
13C5 PFPeA	*119*		*35 - 130*	*10/08/25 14:09*	*10/09/25 18:19*	*1*
13C5 PFHxA	*123*		*40 - 130*	*10/08/25 14:09*	*10/09/25 18:19*	*1*
13C4 PFHpA	*126*		*40 - 130*	*10/08/25 14:09*	*10/09/25 18:19*	*1*
13C8 PFOA	*132*	*	*40 - 130*	*10/08/25 14:09*	*10/09/25 18:19*	*1*
13C9 PFNA	*120*		*40 - 130*	*10/08/25 14:09*	*10/09/25 18:19*	*1*
13C6 PFDA	*124*		*40 - 130*	*10/08/25 14:09*	*10/09/25 18:19*	*1*
13C7 PFUnA	*134*	*	*40 - 130*	*10/08/25 14:09*	*10/09/25 18:19*	*1*
13C2 PFTeDA	*105*		*20 - 130*	*10/08/25 14:09*	*10/09/25 18:19*	*1*

Client Sample ID: 1D_0-7
Date Collected: 10/03/25 08:50
Date Received: 10/03/25 16:15

Lab Sample ID: 460-336467-11
Matrix: Solid
Percent Solids: 91.7

Method: EPA 1633A - Per- and Polyfluoroalkyl Substances by LC/MS/MS, 1633A (Continued)

Isotope Dilution	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
13C3 PFBS	127		40 - 135	10/08/25 14:09	10/09/25 18:19	1
13C3 PFHxS	117		40 - 130	10/08/25 14:09	10/09/25 18:19	1
13C8 PFOS	106		40 - 130	10/08/25 14:09	10/09/25 18:19	1
13C8 FOSA	95.9		40 - 130	10/08/25 14:09	10/09/25 18:19	1
d3-NMeFOSAA	91.7		40 - 135	10/08/25 14:09	10/09/25 18:19	1
d5-NEtFOSAA	118		40 - 150	10/08/25 14:09	10/09/25 18:19	1
13C2 4:2 FTS	125		40 - 165	10/08/25 14:09	10/09/25 18:19	1
13C2 6:2 FTS	108		40 - 215	10/08/25 14:09	10/09/25 18:19	1
13C2 8:2 FTS	98.8		40 - 275	10/08/25 14:09	10/09/25 18:19	1
13C3 HFPO-DA	123		40 - 130	10/08/25 14:09	10/09/25 18:19	1
d7-N-MeFOSE-M	82.3		20 - 130	10/08/25 14:09	10/09/25 18:19	1
d9-N-EtFOSE-M	69.6		15 - 130	10/08/25 14:09	10/09/25 18:19	1
d5-NEtPFOSA	82.8		10 - 130	10/08/25 14:09	10/09/25 18:19	1
d3-NMePFOSA	91.5		10 - 130	10/08/25 14:09	10/09/25 18:19	1
13C2 PFDoA	124		40 - 130	10/08/25 14:09	10/09/25 18:19	1

Method: SW846 6020B - Metals (ICP/MS)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Aluminum	8000		19.5	5.3	mg/Kg	☼	10/09/25 07:08	10/09/25 17:27	1
Antimony	0.68	J	0.97	0.14	mg/Kg	☼	10/09/25 07:08	10/09/25 17:27	1
Arsenic	6.4		0.97	0.10	mg/Kg	☼	10/09/25 07:08	10/09/25 17:27	1
Barium	56.7		1.9	0.14	mg/Kg	☼	10/09/25 07:08	10/09/25 17:27	1
Beryllium	0.55		0.39	0.021	mg/Kg	☼	10/09/25 07:08	10/09/25 17:27	1
Cadmium	0.21	J	0.97	0.11	mg/Kg	☼	10/09/25 07:08	10/09/25 17:27	1
Calcium	1690		97.4	9.5	mg/Kg	☼	10/09/25 07:08	10/09/25 17:27	1
Chromium	16.0		1.9	0.29	mg/Kg	☼	10/09/25 07:08	10/09/25 17:27	1
Cobalt	7.1		0.97	0.14	mg/Kg	☼	10/09/25 07:08	10/09/25 17:27	1
Copper	29.4		1.9	0.36	mg/Kg	☼	10/09/25 07:08	10/09/25 17:27	1
Iron	19100		58.4	7.4	mg/Kg	☼	10/09/25 07:08	10/09/25 17:27	1
Lead	53.5		0.58	0.19	mg/Kg	☼	10/09/25 07:08	10/09/25 17:27	1
Magnesium	2870		97.4	9.9	mg/Kg	☼	10/09/25 07:08	10/09/25 17:27	1
Manganese	293		3.9	0.39	mg/Kg	☼	10/09/25 07:08	10/09/25 17:27	1
Nickel	14.0		1.9	0.17	mg/Kg	☼	10/09/25 07:08	10/09/25 17:27	1
Potassium	1150		97.4	15.8	mg/Kg	☼	10/09/25 07:08	10/09/25 17:27	1
Selenium	0.18	J	1.2	0.12	mg/Kg	☼	10/09/25 07:08	10/09/25 17:27	1
Silver	0.17	J	0.39	0.087	mg/Kg	☼	10/09/25 07:08	10/09/25 17:27	1
Sodium	106		97.4	44.5	mg/Kg	☼	10/09/25 07:08	10/09/25 17:27	1
Thallium	0.088	J	0.39	0.040	mg/Kg	☼	10/09/25 07:08	10/09/25 17:27	1
Vanadium	23.9		1.9	0.20	mg/Kg	☼	10/09/25 07:08	10/09/25 17:27	1
Zinc	52.2		7.8	1.1	mg/Kg	☼	10/09/25 07:08	10/09/25 17:27	1

Method: SW846 7471B - Mercury (CVAA)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	0.027		0.018	0.0083	mg/Kg	☼	10/13/25 07:47	10/13/25 15:23	1

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Percent Moisture (EPA Moisture)	8.3		1.0	1.0	%			10/07/25 16:17	1
Percent Solids (EPA Moisture)	91.7		1.0	1.0	%			10/07/25 16:17	1

Client: Haley & Aldrich, Inc.
Project/Site: Former Port Mobil

Job ID: 460-336467-1

Client Sample ID: 1D_7-14
Date Collected: 10/03/25 08:55
Date Received: 10/03/25 16:15

Lab Sample ID: 460-336467-12
Matrix: Solid
Percent Solids: 89.9

Method: SW846 8270E - Semivolatile Organic Compounds (GC/MS)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1'-Biphenyl	0.37	U	0.37	0.013	mg/Kg	☼	10/06/25 21:57	10/07/25 13:17	1
1,2,4,5-Tetrachlorobenzene	0.37	U	0.37	0.011	mg/Kg	☼	10/06/25 21:57	10/07/25 13:17	1
1,4-Dioxane	0.037	U	0.037	0.032	mg/Kg	☼	10/06/25 21:57	10/07/25 13:17	1
2,2'-oxybis[1-chloropropane]	0.37	U	0.37	0.022	mg/Kg	☼	10/06/25 21:57	10/07/25 13:17	1
2,3,4,6-Tetrachlorophenol	0.37	U	0.37	0.025	mg/Kg	☼	10/06/25 21:57	10/07/25 13:17	1
2,4,5-Trichlorophenol	0.37	U	0.37	0.037	mg/Kg	☼	10/06/25 21:57	10/07/25 13:17	1
2,4,6-Trichlorophenol	0.15	U	0.15	0.047	mg/Kg	☼	10/06/25 21:57	10/07/25 13:17	1
2,4-Dichlorophenol	0.15	U	0.15	0.024	mg/Kg	☼	10/06/25 21:57	10/07/25 13:17	1
2,4-Dimethylphenol	0.37	U	0.37	0.044	mg/Kg	☼	10/06/25 21:57	10/07/25 13:17	1
2,4-Dinitrophenol	0.30	U	0.30	0.18	mg/Kg	☼	10/06/25 21:57	10/07/25 13:17	1
2,4-Dinitrotoluene	0.074	U	0.074	0.040	mg/Kg	☼	10/06/25 21:57	10/07/25 13:17	1
2,6-Dinitrotoluene	0.074	U	0.074	0.027	mg/Kg	☼	10/06/25 21:57	10/07/25 13:17	1
2-Chloronaphthalene	0.37	U	0.37	0.047	mg/Kg	☼	10/06/25 21:57	10/07/25 13:17	1
2-Chlorophenol	0.37	U	0.37	0.013	mg/Kg	☼	10/06/25 21:57	10/07/25 13:17	1
2-Methylnaphthalene	0.37	U	0.37	0.010	mg/Kg	☼	10/06/25 21:57	10/07/25 13:17	1
2-Methylphenol	0.37	U	0.37	0.014	mg/Kg	☼	10/06/25 21:57	10/07/25 13:17	1
2-Nitroaniline	0.37	U	0.37	0.028	mg/Kg	☼	10/06/25 21:57	10/07/25 13:17	1
2-Nitrophenol	0.37	U	0.37	0.037	mg/Kg	☼	10/06/25 21:57	10/07/25 13:17	1
3 & 4 Methylphenol	0.37	U	0.37	0.023	mg/Kg	☼	10/06/25 21:57	10/07/25 13:17	1
3,3'-Dichlorobenzidine	0.15	U	0.15	0.056	mg/Kg	☼	10/06/25 21:57	10/07/25 13:17	1
3-Nitroaniline	0.37	U	0.37	0.087	mg/Kg	☼	10/06/25 21:57	10/07/25 13:17	1
4,6-Dinitro-2-methylphenol	0.30	U	0.30	0.15	mg/Kg	☼	10/06/25 21:57	10/07/25 13:17	1
4-Bromophenyl phenyl ether	0.37	U	0.37	0.015	mg/Kg	☼	10/06/25 21:57	10/07/25 13:17	1
4-Chloro-3-methylphenol	0.37	U	0.37	0.021	mg/Kg	☼	10/06/25 21:57	10/07/25 13:17	1
4-Chloroaniline	0.37	U	0.37	0.065	mg/Kg	☼	10/06/25 21:57	10/07/25 13:17	1
4-Chlorophenyl phenyl ether	0.37	U	0.37	0.013	mg/Kg	☼	10/06/25 21:57	10/07/25 13:17	1
4-Methylphenol	0.37	U	0.37	0.023	mg/Kg	☼	10/06/25 21:57	10/07/25 13:17	1
4-Nitroaniline	0.37	U	0.37	0.093	mg/Kg	☼	10/06/25 21:57	10/07/25 13:17	1
4-Nitrophenol	0.74	U	0.74	0.060	mg/Kg	☼	10/06/25 21:57	10/07/25 13:17	1
Acenaphthene	0.37	U	0.37	0.010	mg/Kg	☼	10/06/25 21:57	10/07/25 13:17	1
Acenaphthylene	0.37	U	0.37	0.011	mg/Kg	☼	10/06/25 21:57	10/07/25 13:17	1
Acetophenone	0.37	U	0.37	0.018	mg/Kg	☼	10/06/25 21:57	10/07/25 13:17	1
Anthracene	0.37	U	0.37	0.011	mg/Kg	☼	10/06/25 21:57	10/07/25 13:17	1
Atrazine	0.15	U	0.15	0.022	mg/Kg	☼	10/06/25 21:57	10/07/25 13:17	1
Benzaldehyde	0.37	U	0.37	0.061	mg/Kg	☼	10/06/25 21:57	10/07/25 13:17	1
Benzo[a]anthracene	0.037	U	0.037	0.028	mg/Kg	☼	10/06/25 21:57	10/07/25 13:17	1
Benzo[a]pyrene	0.037	U	0.037	0.0098	mg/Kg	☼	10/06/25 21:57	10/07/25 13:17	1
Benzo[b]fluoranthene	0.037	U	0.037	0.0095	mg/Kg	☼	10/06/25 21:57	10/07/25 13:17	1
Benzo[g,h,i]perylene	0.37	U	0.37	0.011	mg/Kg	☼	10/06/25 21:57	10/07/25 13:17	1
Benzo[k]fluoranthene	0.037	U	0.037	0.0072	mg/Kg	☼	10/06/25 21:57	10/07/25 13:17	1
Bis(2-chloroethoxy)methane	0.37	U	0.37	0.068	mg/Kg	☼	10/06/25 21:57	10/07/25 13:17	1
Bis(2-chloroethyl)ether	0.037	U	0.037	0.013	mg/Kg	☼	10/06/25 21:57	10/07/25 13:17	1
Bis(2-ethylhexyl) phthalate	0.37	U	0.37	0.019	mg/Kg	☼	10/06/25 21:57	10/07/25 13:17	1
Butyl benzyl phthalate	0.37	U	0.37	0.017	mg/Kg	☼	10/06/25 21:57	10/07/25 13:17	1
Caprolactam	0.37	U	0.37	0.057	mg/Kg	☼	10/06/25 21:57	10/07/25 13:17	1
Carbazole	0.37	U	0.37	0.014	mg/Kg	☼	10/06/25 21:57	10/07/25 13:17	1
Chrysene	0.37	U	0.37	0.015	mg/Kg	☼	10/06/25 21:57	10/07/25 13:17	1
Dibenz(a,h)anthracene	0.037	U	0.037	0.016	mg/Kg	☼	10/06/25 21:57	10/07/25 13:17	1
Dibenzofuran	0.37	U	0.37	0.012	mg/Kg	☼	10/06/25 21:57	10/07/25 13:17	1

Client Sample ID: 1D_7-14
Date Collected: 10/03/25 08:55
Date Received: 10/03/25 16:15

Lab Sample ID: 460-336467-12
Matrix: Solid
Percent Solids: 89.9

Method: SW846 8270E - Semivolatile Organic Compounds (GC/MS) (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Diethyl phthalate	0.37	U	0.37	0.012	mg/Kg	☼	10/06/25 21:57	10/07/25 13:17	1
Dimethyl phthalate	0.37	U	0.37	0.084	mg/Kg	☼	10/06/25 21:57	10/07/25 13:17	1
Di-n-butyl phthalate	0.37	U	0.37	0.014	mg/Kg	☼	10/06/25 21:57	10/07/25 13:17	1
Di-n-octyl phthalate	0.37	U	0.37	0.019	mg/Kg	☼	10/06/25 21:57	10/07/25 13:17	1
Fluoranthene	0.37	U	0.37	0.013	mg/Kg	☼	10/06/25 21:57	10/07/25 13:17	1
Fluorene	0.37	U	0.37	0.011	mg/Kg	☼	10/06/25 21:57	10/07/25 13:17	1
Hexachlorobenzene	0.037	U	0.037	0.017	mg/Kg	☼	10/06/25 21:57	10/07/25 13:17	1
Hexachlorobutadiene	0.074	U	0.074	0.0078	mg/Kg	☼	10/06/25 21:57	10/07/25 13:17	1
Hexachlorocyclopentadiene	0.37	U	0.37	0.032	mg/Kg	☼	10/06/25 21:57	10/07/25 13:17	1
Hexachloroethane	0.037	U	0.037	0.013	mg/Kg	☼	10/06/25 21:57	10/07/25 13:17	1
Indeno[1,2,3-cd]pyrene	0.037	U	0.037	0.014	mg/Kg	☼	10/06/25 21:57	10/07/25 13:17	1
Isophorone	0.15	U	0.15	0.11	mg/Kg	☼	10/06/25 21:57	10/07/25 13:17	1
Naphthalene	0.37	U	0.37	0.0064	mg/Kg	☼	10/06/25 21:57	10/07/25 13:17	1
Nitrobenzene	0.037	U	0.037	0.020	mg/Kg	☼	10/06/25 21:57	10/07/25 13:17	1
N-Nitrosodi-n-propylamine	0.037	U	0.037	0.027	mg/Kg	☼	10/06/25 21:57	10/07/25 13:17	1
N-Nitrosodiphenylamine	0.37	U	0.37	0.030	mg/Kg	☼	10/06/25 21:57	10/07/25 13:17	1
Pentachlorophenol	0.30	U	0.30	0.075	mg/Kg	☼	10/06/25 21:57	10/07/25 13:17	1
Phenanthrene	0.37	U	0.37	0.015	mg/Kg	☼	10/06/25 21:57	10/07/25 13:17	1
Phenol	0.37	U	0.37	0.014	mg/Kg	☼	10/06/25 21:57	10/07/25 13:17	1
Pyrene	0.37	U	0.37	0.0091	mg/Kg	☼	10/06/25 21:57	10/07/25 13:17	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
2,4,6-Tribromophenol (Surr)	*68*		*18 - 137*	*10/06/25 21:57*	*10/07/25 13:17*	*1*
2-Fluorobiphenyl	*67*		*33 - 117*	*10/06/25 21:57*	*10/07/25 13:17*	*1*
2-Fluorophenol (Surr)	*68*		*24 - 120*	*10/06/25 21:57*	*10/07/25 13:17*	*1*
Nitrobenzene-d5 (Surr)	*62*		*27 - 120*	*10/06/25 21:57*	*10/07/25 13:17*	*1*
Phenol-d5 (Surr)	*63*		*28 - 118*	*10/06/25 21:57*	*10/07/25 13:17*	*1*
Terphenyl-d14 (Surr)	*71*		*33 - 124*	*10/06/25 21:57*	*10/07/25 13:17*	*1*

Method: SW846 8081B - Organochlorine Pesticides (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
4,4'-DDD	0.0075	U	0.0075	0.0013	mg/Kg	☼	10/06/25 10:37	10/07/25 10:12	1
4,4'-DDE	0.0075	U	0.0075	0.00088	mg/Kg	☼	10/06/25 10:37	10/07/25 10:12	1
4,4'-DDT	0.0075	U	0.0075	0.0014	mg/Kg	☼	10/06/25 10:37	10/07/25 10:12	1
Aldrin	0.0075	U	0.0075	0.0011	mg/Kg	☼	10/06/25 10:37	10/07/25 10:12	1
alpha-BHC	0.0022	U	0.0022	0.00076	mg/Kg	☼	10/06/25 10:37	10/07/25 10:12	1
beta-BHC	0.0022	U	0.0022	0.00083	mg/Kg	☼	10/06/25 10:37	10/07/25 10:12	1
Chlordane (technical)	0.075	U	0.075	0.018	mg/Kg	☼	10/06/25 10:37	10/07/25 10:12	1
cis-Chlordane	0.0075	U	0.0075	0.0012	mg/Kg	☼	10/06/25 10:37	10/07/25 10:12	1
delta-BHC	0.0022	U	0.0022	0.00046	mg/Kg	☼	10/06/25 10:37	10/07/25 10:12	1
Dieldrin	0.0022	U	0.0022	0.00097	mg/Kg	☼	10/06/25 10:37	10/07/25 10:12	1
Endosulfan I	0.0075	U	0.0075	0.0011	mg/Kg	☼	10/06/25 10:37	10/07/25 10:12	1
Endosulfan II	0.0075	U	0.0075	0.0019	mg/Kg	☼	10/06/25 10:37	10/07/25 10:12	1
Endosulfan sulfate	0.0075	U	0.0075	0.00093	mg/Kg	☼	10/06/25 10:37	10/07/25 10:12	1
Endrin	0.0075	U	0.0075	0.0011	mg/Kg	☼	10/06/25 10:37	10/07/25 10:12	1
Endrin aldehyde	0.0075	U	0.0075	0.0018	mg/Kg	☼	10/06/25 10:37	10/07/25 10:12	1
Endrin ketone	0.0075	U	0.0075	0.0014	mg/Kg	☼	10/06/25 10:37	10/07/25 10:12	1
gamma-BHC (Lindane)	0.0022	U	0.0022	0.00069	mg/Kg	☼	10/06/25 10:37	10/07/25 10:12	1
Heptachlor	0.0075	U	0.0075	0.00088	mg/Kg	☼	10/06/25 10:37	10/07/25 10:12	1
Heptachlor epoxide	0.0075	U	0.0075	0.0011	mg/Kg	☼	10/06/25 10:37	10/07/25 10:12	1

Client Sample ID: 1D_7-14
Date Collected: 10/03/25 08:55
Date Received: 10/03/25 16:15

Lab Sample ID: 460-336467-12
Matrix: Solid
Percent Solids: 89.9

Method: SW846 8081B - Organochlorine Pesticides (GC) (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Methoxychlor	0.0075	U	0.0075	0.0017	mg/Kg	☼	10/06/25 10:37	10/07/25 10:12	1
Toxaphene	0.075	U	0.075	0.027	mg/Kg	☼	10/06/25 10:37	10/07/25 10:12	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
DCB Decachlorobiphenyl	*73*		*10 - 150*	*10/06/25 10:37*	*10/07/25 10:12*	*1*
DCB Decachlorobiphenyl	*49*		*10 - 150*	*10/06/25 10:37*	*10/07/25 10:12*	*1*
Tetrachloro-m-xylene	*87*		*14 - 150*	*10/06/25 10:37*	*10/07/25 10:12*	*1*
Tetrachloro-m-xylene	*76*		*14 - 150*	*10/06/25 10:37*	*10/07/25 10:12*	*1*

Method: SW846 8082A - Polychlorinated Biphenyls (PCBs) by Gas Chromatography

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Aroclor 1016	0.075	U	0.075	0.020	mg/Kg	☼	10/06/25 10:33	10/07/25 23:04	1
Aroclor 1221	0.075	U	0.075	0.020	mg/Kg	☼	10/06/25 10:33	10/07/25 23:04	1
Aroclor 1232	0.075	U	0.075	0.020	mg/Kg	☼	10/06/25 10:33	10/07/25 23:04	1
Aroclor 1242	0.075	U	0.075	0.020	mg/Kg	☼	10/06/25 10:33	10/07/25 23:04	1
Aroclor 1248	0.075	U	0.075	0.020	mg/Kg	☼	10/06/25 10:33	10/07/25 23:04	1
Aroclor 1254	0.075	U	0.075	0.020	mg/Kg	☼	10/06/25 10:33	10/07/25 23:04	1
Aroclor 1260	0.075	U	0.075	0.020	mg/Kg	☼	10/06/25 10:33	10/07/25 23:04	1
Aroclor-1262	0.075	U	0.075	0.020	mg/Kg	☼	10/06/25 10:33	10/07/25 23:04	1
Aroclor 1268	0.075	U	0.075	0.020	mg/Kg	☼	10/06/25 10:33	10/07/25 23:04	1
Polychlorinated biphenyls, Total	0.075	U	0.075	0.020	mg/Kg	☼	10/06/25 10:33	10/07/25 23:04	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
DCB Decachlorobiphenyl	*66*		*10 - 150*	*10/06/25 10:33*	*10/07/25 23:04*	*1*
DCB Decachlorobiphenyl	*66*		*10 - 150*	*10/06/25 10:33*	*10/07/25 23:04*	*1*
Tetrachloro-m-xylene	*128*		*10 - 150*	*10/06/25 10:33*	*10/07/25 23:04*	*1*
Tetrachloro-m-xylene	*135*		*10 - 150*	*10/06/25 10:33*	*10/07/25 23:04*	*1*

Method: EPA 1633A - Per- and Polyfluoroalkyl Substances by LC/MS/MS, 1633A

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Perfluorobutanoic acid (PFBA)	0.40	U	0.40	0.099	ug/Kg	☼	10/08/25 14:09	10/09/25 18:32	1
Perfluoropentanoic acid (PFPeA)	0.20	U	0.20	0.099	ug/Kg	☼	10/08/25 14:09	10/09/25 18:32	1
Perfluorohexanoic acid (PFHxA)	0.20	U	0.20	0.099	ug/Kg	☼	10/08/25 14:09	10/09/25 18:32	1
Perfluoroheptanoic acid (PFHpA)	0.20	U	0.20	0.099	ug/Kg	☼	10/08/25 14:09	10/09/25 18:32	1
Perfluorooctanoic acid (PFOA)	0.20	U	0.20	0.059	ug/Kg	☼	10/08/25 14:09	10/09/25 18:32	1
Perfluorononanoic acid (PFNA)	0.20	U	0.20	0.099	ug/Kg	☼	10/08/25 14:09	10/09/25 18:32	1
Perfluorodecanoic acid (PFDA)	**0.070**	**J**	0.20	0.059	ug/Kg	☼	10/08/25 14:09	10/09/25 18:32	1
Perfluoroundecanoic acid (PFUnA)	**0.19**	**J**	0.20	0.099	ug/Kg	☼	10/08/25 14:09	10/09/25 18:32	1
Perfluorododecanoic acid (PFDoA)	0.20	U	0.20	0.099	ug/Kg	☼	10/08/25 14:09	10/09/25 18:32	1
Perfluorotridecanoic acid (PFTrDA)	0.20	U	0.20	0.099	ug/Kg	☼	10/08/25 14:09	10/09/25 18:32	1
Perfluorotetradecanoic acid (PFTeDA)	0.20	U	0.20	0.099	ug/Kg	☼	10/08/25 14:09	10/09/25 18:32	1
Perfluorobutanesulfonic acid (PFBS)	0.20	U	0.20	0.099	ug/Kg	☼	10/08/25 14:09	10/09/25 18:32	1
Perfluoropentanesulfonic acid (PFPeS)	0.20	U	0.20	0.099	ug/Kg	☼	10/08/25 14:09	10/09/25 18:32	1
Perfluorohexanesulfonic acid (PFHxS)	0.20	U	0.20	0.099	ug/Kg	☼	10/08/25 14:09	10/09/25 18:32	1
Perfluoroheptanesulfonic acid (PFHpS)	0.20	U	0.20	0.099	ug/Kg	☼	10/08/25 14:09	10/09/25 18:32	1
Perfluorooctanesulfonic acid (PFOS)	0.20	U	0.20	0.099	ug/Kg	☼	10/08/25 14:09	10/09/25 18:32	1
Perfluorononanesulfonic acid (PFNS)	0.20	U	0.20	0.099	ug/Kg	☼	10/08/25 14:09	10/09/25 18:32	1
Perfluorodecanesulfonic acid (PFDS)	0.20	U	0.20	0.099	ug/Kg	☼	10/08/25 14:09	10/09/25 18:32	1

Client Sample ID: 1D_7-14
Date Collected: 10/03/25 08:55
Date Received: 10/03/25 16:15

Lab Sample ID: 460-336467-12
Matrix: Solid
Percent Solids: 89.9

Method: EPA 1633A - Per- and Polyfluoroalkyl Substances by LC/MS/MS, 1633A (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Perfluorododecanesulfonic acid (PFDoS)	0.20	U	0.20	0.099	ug/Kg	☼	10/08/25 14:09	10/09/25 18:32	1
1H,1H,2H,2H-Perfluorohexane sulfonic acid (4:2 FTS)	0.40	U	0.40	0.20	ug/Kg	☼	10/08/25 14:09	10/09/25 18:32	1
1H,1H,2H,2H-Perfluorooctane sulfonic acid (6:2 FTS)	0.40	U	0.40	0.20	ug/Kg	☼	10/08/25 14:09	10/09/25 18:32	1
1H,1H,2H,2H-Perfluorodecane sulfonic acid (8:2 FTS)	0.40	U	0.40	0.20	ug/Kg	☼	10/08/25 14:09	10/09/25 18:32	1
Perfluorooctanesulfonamide (PFOSA)	0.20	U	0.20	0.099	ug/Kg	☼	10/08/25 14:09	10/09/25 18:32	1
N-methylperfluorooctane sulfonamide (NMeFOSA)	0.20	U	0.20	0.099	ug/Kg	☼	10/08/25 14:09	10/09/25 18:32	1
N-ethylperfluorooctane sulfonamide (NEtFOSA)	0.20	U	0.20	0.099	ug/Kg	☼	10/08/25 14:09	10/09/25 18:32	1
N-methylperfluorooctanesulfonamidoacetic acid (NMeFOSAA)	0.20	U	0.20	0.099	ug/Kg	☼	10/08/25 14:09	10/09/25 18:32	1
N-ethylperfluorooctanesulfonamidoacetic acid (NEtFOSAA)	0.20	U	0.20	0.099	ug/Kg	☼	10/08/25 14:09	10/09/25 18:32	1
N-methylperfluorooctane sulfonamidoethanol (NMeFOSE)	0.99	U	0.99	0.49	ug/Kg	☼	10/08/25 14:09	10/09/25 18:32	1
N-ethylperfluorooctane sulfonamidoethanol (NEtFOSE)	0.99	U	0.99	0.49	ug/Kg	☼	10/08/25 14:09	10/09/25 18:32	1
Hexafluoropropylene Oxide Dimer Acid (HFPO-DA)	0.20	U	0.20	0.099	ug/Kg	☼	10/08/25 14:09	10/09/25 18:32	1
4,8-Dioxa-3H-perfluorononanoic acid (ADONA)	0.20	U	0.20	0.099	ug/Kg	☼	10/08/25 14:09	10/09/25 18:32	1
Perfluoro-3-methoxypropanoic acid (PFMPA)	0.20	U	0.20	0.099	ug/Kg	☼	10/08/25 14:09	10/09/25 18:32	1
Perfluoro-4-methoxybutanoic acid (PFMBA)	0.20	U	0.20	0.099	ug/Kg	☼	10/08/25 14:09	10/09/25 18:32	1
Nonafluoro-3,6-dioxaheptanoic acid (NFDHA)	0.20	U	0.20	0.099	ug/Kg	☼	10/08/25 14:09	10/09/25 18:32	1
9-Chlorohexadecafluoro-3-oxanonane-1-sulfonic acid (9Cl-PF3ONS)	0.20	U	0.20	0.099	ug/Kg	☼	10/08/25 14:09	10/09/25 18:32	1
11-Chloroeicosafluoro-3-oxaundecane-1-sulfonic acid (11Cl-PF3OUdS)	0.20	U	0.20	0.099	ug/Kg	☼	10/08/25 14:09	10/09/25 18:32	1
Perfluoro (2-ethoxyethane) sulfonic acid (PFEESA)	0.20	U	0.20	0.099	ug/Kg	☼	10/08/25 14:09	10/09/25 18:32	1
3-Perfluoropropylpropanoic acid (3:3 FTCA)	0.40	U	0.40	0.20	ug/Kg	☼	10/08/25 14:09	10/09/25 18:32	1
3-Perfluoropentylpropanoic acid (5:3 FTCA)	0.99	U	0.99	0.49	ug/Kg	☼	10/08/25 14:09	10/09/25 18:32	1
3-Perfluoroheptylpropanoic acid (7:3 FTCA)	0.99	U	0.99	0.49	ug/Kg	☼	10/08/25 14:09	10/09/25 18:32	1

Isotope Dilution	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
13C4 PFBA	*107*		*8 - 130*	*10/08/25 14:09*	*10/09/25 18:32*	*1*
13C5 PFPeA	*93.0*		*35 - 130*	*10/08/25 14:09*	*10/09/25 18:32*	*1*
13C5 PFHxA	*96.5*		*40 - 130*	*10/08/25 14:09*	*10/09/25 18:32*	*1*
13C4 PFHpA	*99.2*		*40 - 130*	*10/08/25 14:09*	*10/09/25 18:32*	*1*
13C8 PFOA	*97.8*		*40 - 130*	*10/08/25 14:09*	*10/09/25 18:32*	*1*
13C9 PFNA	*91.4*		*40 - 130*	*10/08/25 14:09*	*10/09/25 18:32*	*1*
13C6 PFDA	*92.9*		*40 - 130*	*10/08/25 14:09*	*10/09/25 18:32*	*1*
13C7 PFUnA	*100*		*40 - 130*	*10/08/25 14:09*	*10/09/25 18:32*	*1*
13C2 PFTeDA	*81.2*		*20 - 130*	*10/08/25 14:09*	*10/09/25 18:32*	*1*
13C3 PFBS	*104*		*40 - 135*	*10/08/25 14:09*	*10/09/25 18:32*	*1*

Client Sample ID: 1D_7-14
Date Collected: 10/03/25 08:55
Date Received: 10/03/25 16:15

Lab Sample ID: 460-336467-12
Matrix: Solid
Percent Solids: 89.9

Method: EPA 1633A - Per- and Polyfluoroalkyl Substances by LC/MS/MS, 1633A (Continued)

Isotope Dilution	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
13C3 PFHxS	92.0		40 - 130	10/08/25 14:09	10/09/25 18:32	1
13C8 PFOS	85.2		40 - 130	10/08/25 14:09	10/09/25 18:32	1
13C8 FOSA	77.7		40 - 130	10/08/25 14:09	10/09/25 18:32	1
d3-NMeFOSAA	69.2		40 - 135	10/08/25 14:09	10/09/25 18:32	1
d5-NEtFOSAA	86.1		40 - 150	10/08/25 14:09	10/09/25 18:32	1
13C2 4:2 FTS	87.3		40 - 165	10/08/25 14:09	10/09/25 18:32	1
13C2 6:2 FTS	80.3		40 - 215	10/08/25 14:09	10/09/25 18:32	1
13C2 8:2 FTS	72.7		40 - 275	10/08/25 14:09	10/09/25 18:32	1
13C3 HFPO-DA	102		40 - 130	10/08/25 14:09	10/09/25 18:32	1
d7-N-MeFOSE-M	65.7		20 - 130	10/08/25 14:09	10/09/25 18:32	1
d9-N-EtFOSE-M	50.5		15 - 130	10/08/25 14:09	10/09/25 18:32	1
d5-NEtPFOSA	65.4		10 - 130	10/08/25 14:09	10/09/25 18:32	1
d3-NMePFOSA	73.1		10 - 130	10/08/25 14:09	10/09/25 18:32	1
13C2 PFDoA	92.6		40 - 130	10/08/25 14:09	10/09/25 18:32	1

Method: SW846 6020B - Metals (ICP/MS)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Aluminum	9820		20.8	5.7	mg/Kg	☼	10/09/25 07:08	10/09/25 17:30	1
Antimony	0.16	J	1.0	0.15	mg/Kg	☼	10/09/25 07:08	10/09/25 17:30	1
Arsenic	3.4		1.0	0.11	mg/Kg	☼	10/09/25 07:08	10/09/25 17:30	1
Barium	74.5		2.1	0.15	mg/Kg	☼	10/09/25 07:08	10/09/25 17:30	1
Beryllium	0.56		0.42	0.023	mg/Kg	☼	10/09/25 07:08	10/09/25 17:30	1
Cadmium	1.0	U	1.0	0.12	mg/Kg	☼	10/09/25 07:08	10/09/25 17:30	1
Calcium	1470		104	10.1	mg/Kg	☼	10/09/25 07:08	10/09/25 17:30	1
Chromium	16.5		2.1	0.31	mg/Kg	☼	10/09/25 07:08	10/09/25 17:30	1
Cobalt	8.4		1.0	0.15	mg/Kg	☼	10/09/25 07:08	10/09/25 17:30	1
Copper	17.7		2.1	0.38	mg/Kg	☼	10/09/25 07:08	10/09/25 17:30	1
Iron	20500		62.4	8.0	mg/Kg	☼	10/09/25 07:08	10/09/25 17:30	1
Lead	9.6		0.62	0.21	mg/Kg	☼	10/09/25 07:08	10/09/25 17:30	1
Magnesium	4740		104	10.6	mg/Kg	☼	10/09/25 07:08	10/09/25 17:30	1
Manganese	469		4.2	0.42	mg/Kg	☼	10/09/25 07:08	10/09/25 17:30	1
Nickel	18.7		2.1	0.18	mg/Kg	☼	10/09/25 07:08	10/09/25 17:30	1
Potassium	1750		104	16.8	mg/Kg	☼	10/09/25 07:08	10/09/25 17:30	1
Selenium	1.3	U	1.3	0.13	mg/Kg	☼	10/09/25 07:08	10/09/25 17:30	1
Silver	0.42	U	0.42	0.093	mg/Kg	☼	10/09/25 07:08	10/09/25 17:30	1
Sodium	106		104	47.5	mg/Kg	☼	10/09/25 07:08	10/09/25 17:30	1
Thallium	0.11	J	0.42	0.043	mg/Kg	☼	10/09/25 07:08	10/09/25 17:30	1
Vanadium	22.6		2.1	0.21	mg/Kg	☼	10/09/25 07:08	10/09/25 17:30	1
Zinc	61.9		8.3	1.1	mg/Kg	☼	10/09/25 07:08	10/09/25 17:30	1

Method: SW846 7471B - Mercury (CVAA)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	0.018	U	0.018	0.0086	mg/Kg	☼	10/13/25 07:47	10/13/25 15:26	1

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Percent Moisture (EPA Moisture)	10.1		1.0	1.0	%			10/07/25 16:17	1
Percent Solids (EPA Moisture)	89.9		1.0	1.0	%			10/07/25 16:17	1

Client: Haley & Aldrich, Inc.
Project/Site: Former Port Mobil

Job ID: 460-336467-1

Client Sample ID: 1E_0-7
Date Collected: 10/03/25 09:00
Date Received: 10/03/25 16:15

Lab Sample ID: 460-336467-13
Matrix: Solid
Percent Solids: 92.6

Method: SW846 8270E - Semivolatile Organic Compounds (GC/MS)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1'-Biphenyl	0.35	U	0.35	0.012	mg/Kg	☼	10/06/25 21:57	10/07/25 13:40	1
1,2,4,5-Tetrachlorobenzene	0.35	U	0.35	0.011	mg/Kg	☼	10/06/25 21:57	10/07/25 13:40	1
1,4-Dioxane	0.035	U	0.035	0.031	mg/Kg	☼	10/06/25 21:57	10/07/25 13:40	1
2,2'-oxybis[1-chloropropane]	0.35	U	0.35	0.021	mg/Kg	☼	10/06/25 21:57	10/07/25 13:40	1
2,3,4,6-Tetrachlorophenol	0.35	U	0.35	0.024	mg/Kg	☼	10/06/25 21:57	10/07/25 13:40	1
2,4,5-Trichlorophenol	0.35	U	0.35	0.036	mg/Kg	☼	10/06/25 21:57	10/07/25 13:40	1
2,4,6-Trichlorophenol	0.14	U	0.14	0.045	mg/Kg	☼	10/06/25 21:57	10/07/25 13:40	1
2,4-Dichlorophenol	0.14	U	0.14	0.023	mg/Kg	☼	10/06/25 21:57	10/07/25 13:40	1
2,4-Dimethylphenol	0.35	U	0.35	0.042	mg/Kg	☼	10/06/25 21:57	10/07/25 13:40	1
2,4-Dinitrophenol	0.28	U	0.28	0.17	mg/Kg	☼	10/06/25 21:57	10/07/25 13:40	1
2,4-Dinitrotoluene	0.072	U	0.072	0.038	mg/Kg	☼	10/06/25 21:57	10/07/25 13:40	1
2,6-Dinitrotoluene	0.072	U	0.072	0.026	mg/Kg	☼	10/06/25 21:57	10/07/25 13:40	1
2-Chloronaphthalene	0.35	U	0.35	0.045	mg/Kg	☼	10/06/25 21:57	10/07/25 13:40	1
2-Chlorophenol	0.35	U	0.35	0.013	mg/Kg	☼	10/06/25 21:57	10/07/25 13:40	1
2-Methylnaphthalene	0.35	U	0.35	0.0099	mg/Kg	☼	10/06/25 21:57	10/07/25 13:40	1
2-Methylphenol	0.35	U	0.35	0.013	mg/Kg	☼	10/06/25 21:57	10/07/25 13:40	1
2-Nitroaniline	0.35	U	0.35	0.027	mg/Kg	☼	10/06/25 21:57	10/07/25 13:40	1
2-Nitrophenol	0.35	U	0.35	0.035	mg/Kg	☼	10/06/25 21:57	10/07/25 13:40	1
3 & 4 Methylphenol	0.35	U	0.35	0.022	mg/Kg	☼	10/06/25 21:57	10/07/25 13:40	1
3,3'-Dichlorobenzidine	0.14	U	0.14	0.053	mg/Kg	☼	10/06/25 21:57	10/07/25 13:40	1
3-Nitroaniline	0.35	U	0.35	0.084	mg/Kg	☼	10/06/25 21:57	10/07/25 13:40	1
4,6-Dinitro-2-methylphenol	0.28	U	0.28	0.14	mg/Kg	☼	10/06/25 21:57	10/07/25 13:40	1
4-Bromophenyl phenyl ether	0.35	U	0.35	0.014	mg/Kg	☼	10/06/25 21:57	10/07/25 13:40	1
4-Chloro-3-methylphenol	0.35	U	0.35	0.020	mg/Kg	☼	10/06/25 21:57	10/07/25 13:40	1
4-Chloroaniline	0.35	U	0.35	0.063	mg/Kg	☼	10/06/25 21:57	10/07/25 13:40	1
4-Chlorophenyl phenyl ether	0.35	U	0.35	0.012	mg/Kg	☼	10/06/25 21:57	10/07/25 13:40	1
4-Methylphenol	0.35	U	0.35	0.022	mg/Kg	☼	10/06/25 21:57	10/07/25 13:40	1
4-Nitroaniline	0.35	U	0.35	0.090	mg/Kg	☼	10/06/25 21:57	10/07/25 13:40	1
4-Nitrophenol	0.72	U	0.72	0.058	mg/Kg	☼	10/06/25 21:57	10/07/25 13:40	1
Acenaphthene	0.35	U	0.35	0.010	mg/Kg	☼	10/06/25 21:57	10/07/25 13:40	1
Acenaphthylene	0.35	U	0.35	0.010	mg/Kg	☼	10/06/25 21:57	10/07/25 13:40	1
Acetophenone	0.35	U	0.35	0.017	mg/Kg	☼	10/06/25 21:57	10/07/25 13:40	1
Anthracene	0.35	U	0.35	0.011	mg/Kg	☼	10/06/25 21:57	10/07/25 13:40	1
Atrazine	0.14	U	0.14	0.021	mg/Kg	☼	10/06/25 21:57	10/07/25 13:40	1
Benzaldehyde	0.35	U	0.35	0.058	mg/Kg	☼	10/06/25 21:57	10/07/25 13:40	1
Benzo[a]anthracene	0.035	U	0.035	0.027	mg/Kg	☼	10/06/25 21:57	10/07/25 13:40	1
Benzo[a]pyrene	0.035	U	0.035	0.0094	mg/Kg	☼	10/06/25 21:57	10/07/25 13:40	1
Benzo[b]fluoranthene	0.035	U	0.035	0.0091	mg/Kg	☼	10/06/25 21:57	10/07/25 13:40	1
Benzo[g,h,i]perylene	0.35	U	0.35	0.010	mg/Kg	☼	10/06/25 21:57	10/07/25 13:40	1
Benzo[k]fluoranthene	0.035	U	0.035	0.0069	mg/Kg	☼	10/06/25 21:57	10/07/25 13:40	1
Bis(2-chloroethoxy)methane	0.35	U	0.35	0.065	mg/Kg	☼	10/06/25 21:57	10/07/25 13:40	1
Bis(2-chloroethyl)ether	0.035	U	0.035	0.012	mg/Kg	☼	10/06/25 21:57	10/07/25 13:40	1
Bis(2-ethylhexyl) phthalate	0.35	U	0.35	0.019	mg/Kg	☼	10/06/25 21:57	10/07/25 13:40	1
Butyl benzyl phthalate	0.35	U	0.35	0.017	mg/Kg	☼	10/06/25 21:57	10/07/25 13:40	1
Caprolactam	0.35	U	0.35	0.055	mg/Kg	☼	10/06/25 21:57	10/07/25 13:40	1
Carbazole	0.35	U	0.35	0.013	mg/Kg	☼	10/06/25 21:57	10/07/25 13:40	1
Chrysene	0.35	U	0.35	0.015	mg/Kg	☼	10/06/25 21:57	10/07/25 13:40	1
Dibenz(a,h)anthracene	0.035	U	0.035	0.015	mg/Kg	☼	10/06/25 21:57	10/07/25 13:40	1
Dibenzofuran	0.35	U	0.35	0.012	mg/Kg	☼	10/06/25 21:57	10/07/25 13:40	1

Client Sample ID: 1E_0-7
Date Collected: 10/03/25 09:00
Date Received: 10/03/25 16:15

Lab Sample ID: 460-336467-13
Matrix: Solid
Percent Solids: 92.6

Method: SW846 8270E - Semivolatile Organic Compounds (GC/MS) (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Diethyl phthalate	0.35	U	0.35	0.011	mg/Kg	☼	10/06/25 21:57	10/07/25 13:40	1
Dimethyl phthalate	0.35	U	0.35	0.080	mg/Kg	☼	10/06/25 21:57	10/07/25 13:40	1
Di-n-butyl phthalate	0.35	U	0.35	0.013	mg/Kg	☼	10/06/25 21:57	10/07/25 13:40	1
Di-n-octyl phthalate	0.35	U	0.35	0.019	mg/Kg	☼	10/06/25 21:57	10/07/25 13:40	1
Fluoranthene	0.35	U	0.35	0.012	mg/Kg	☼	10/06/25 21:57	10/07/25 13:40	1
Fluorene	0.35	U	0.35	0.010	mg/Kg	☼	10/06/25 21:57	10/07/25 13:40	1
Hexachlorobenzene	0.035	U	0.035	0.017	mg/Kg	☼	10/06/25 21:57	10/07/25 13:40	1
Hexachlorobutadiene	0.072	U	0.072	0.0075	mg/Kg	☼	10/06/25 21:57	10/07/25 13:40	1
Hexachlorocyclopentadiene	0.35	U	0.35	0.031	mg/Kg	☼	10/06/25 21:57	10/07/25 13:40	1
Hexachloroethane	0.035	U	0.035	0.012	mg/Kg	☼	10/06/25 21:57	10/07/25 13:40	1
Indeno[1,2,3-cd]pyrene	0.035	U	0.035	0.014	mg/Kg	☼	10/06/25 21:57	10/07/25 13:40	1
Isophorone	0.14	U	0.14	0.10	mg/Kg	☼	10/06/25 21:57	10/07/25 13:40	1
Naphthalene	0.35	U	0.35	0.0061	mg/Kg	☼	10/06/25 21:57	10/07/25 13:40	1
Nitrobenzene	0.035	U	0.035	0.020	mg/Kg	☼	10/06/25 21:57	10/07/25 13:40	1
N-Nitrosodi-n-propylamine	0.035	U	0.035	0.026	mg/Kg	☼	10/06/25 21:57	10/07/25 13:40	1
N-Nitrosodiphenylamine	0.35	U	0.35	0.029	mg/Kg	☼	10/06/25 21:57	10/07/25 13:40	1
Pentachlorophenol	0.28	U	0.28	0.072	mg/Kg	☼	10/06/25 21:57	10/07/25 13:40	1
Phenanthrene	0.35	U	0.35	0.014	mg/Kg	☼	10/06/25 21:57	10/07/25 13:40	1
Phenol	0.35	U	0.35	0.013	mg/Kg	☼	10/06/25 21:57	10/07/25 13:40	1
Pyrene	0.35	U	0.35	0.0088	mg/Kg	☼	10/06/25 21:57	10/07/25 13:40	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
2,4,6-Tribromophenol (Surr)	*69*		*18 - 137*	*10/06/25 21:57*	*10/07/25 13:40*	*1*
2-Fluorobiphenyl	*70*		*33 - 117*	*10/06/25 21:57*	*10/07/25 13:40*	*1*
2-Fluorophenol (Surr)	*68*		*24 - 120*	*10/06/25 21:57*	*10/07/25 13:40*	*1*
Nitrobenzene-d5 (Surr)	*64*		*27 - 120*	*10/06/25 21:57*	*10/07/25 13:40*	*1*
Phenol-d5 (Surr)	*64*		*28 - 118*	*10/06/25 21:57*	*10/07/25 13:40*	*1*
Terphenyl-d14 (Surr)	*73*		*33 - 124*	*10/06/25 21:57*	*10/07/25 13:40*	*1*

Method: SW846 8081B - Organochlorine Pesticides (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
4,4'-DDD	0.0072	U	0.0072	0.0012	mg/Kg	☼	10/06/25 10:37	10/07/25 10:25	1
4,4'-DDE	0.0072	U	0.0072	0.00085	mg/Kg	☼	10/06/25 10:37	10/07/25 10:25	1
4,4'-DDT	**0.0048**	**J**	0.0072	0.0013	mg/Kg	☼	10/06/25 10:37	10/07/25 10:25	1
Aldrin	0.0072	U	0.0072	0.0011	mg/Kg	☼	10/06/25 10:37	10/07/25 10:25	1
alpha-BHC	0.0022	U	0.0022	0.00073	mg/Kg	☼	10/06/25 10:37	10/07/25 10:25	1
beta-BHC	0.0022	U	0.0022	0.00081	mg/Kg	☼	10/06/25 10:37	10/07/25 10:25	1
Chlordane (technical)	0.072	U	0.072	0.017	mg/Kg	☼	10/06/25 10:37	10/07/25 10:25	1
cis-Chlordane	0.0072	U	0.0072	0.0011	mg/Kg	☼	10/06/25 10:37	10/07/25 10:25	1
delta-BHC	0.0022	U	0.0022	0.00044	mg/Kg	☼	10/06/25 10:37	10/07/25 10:25	1
Dieldrin	0.0022	U	0.0022	0.00094	mg/Kg	☼	10/06/25 10:37	10/07/25 10:25	1
Endosulfan I	0.0072	U	0.0072	0.0011	mg/Kg	☼	10/06/25 10:37	10/07/25 10:25	1
Endosulfan II	0.0072	U	0.0072	0.0019	mg/Kg	☼	10/06/25 10:37	10/07/25 10:25	1
Endosulfan sulfate	0.0072	U	0.0072	0.00091	mg/Kg	☼	10/06/25 10:37	10/07/25 10:25	1
Endrin	0.0072	U	0.0072	0.0010	mg/Kg	☼	10/06/25 10:37	10/07/25 10:25	1
Endrin aldehyde	0.0072	U	0.0072	0.0017	mg/Kg	☼	10/06/25 10:37	10/07/25 10:25	1
Endrin ketone	0.0072	U	0.0072	0.0014	mg/Kg	☼	10/06/25 10:37	10/07/25 10:25	1
gamma-BHC (Lindane)	0.0022	U	0.0022	0.00067	mg/Kg	☼	10/06/25 10:37	10/07/25 10:25	1
Heptachlor	0.0072	U	0.0072	0.00085	mg/Kg	☼	10/06/25 10:37	10/07/25 10:25	1
Heptachlor epoxide	0.0072	U	0.0072	0.0011	mg/Kg	☼	10/06/25 10:37	10/07/25 10:25	1

Client Sample ID: 1E_0-7
Date Collected: 10/03/25 09:00
Date Received: 10/03/25 16:15

Lab Sample ID: 460-336467-13
Matrix: Solid
Percent Solids: 92.6

Method: SW846 8081B - Organochlorine Pesticides (GC) (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Methoxychlor	0.0072	U	0.0072	0.0017	mg/Kg	☼	10/06/25 10:37	10/07/25 10:25	1
Toxaphene	0.072	U	0.072	0.026	mg/Kg	☼	10/06/25 10:37	10/07/25 10:25	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
DCB Decachlorobiphenyl	*49*		*10 - 150*	*10/06/25 10:37*	*10/07/25 10:25*	*1*
DCB Decachlorobiphenyl	*46*		*10 - 150*	*10/06/25 10:37*	*10/07/25 10:25*	*1*
Tetrachloro-m-xylene	*71*		*14 - 150*	*10/06/25 10:37*	*10/07/25 10:25*	*1*
Tetrachloro-m-xylene	*73*		*14 - 150*	*10/06/25 10:37*	*10/07/25 10:25*	*1*

Method: SW846 8082A - Polychlorinated Biphenyls (PCBs) by Gas Chromatography

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Aroclor 1016	0.072	U	0.072	0.019	mg/Kg	☼	10/06/25 10:33	10/07/25 23:20	1
Aroclor 1221	0.072	U	0.072	0.019	mg/Kg	☼	10/06/25 10:33	10/07/25 23:20	1
Aroclor 1232	0.072	U	0.072	0.019	mg/Kg	☼	10/06/25 10:33	10/07/25 23:20	1
Aroclor 1242	0.072	U	0.072	0.019	mg/Kg	☼	10/06/25 10:33	10/07/25 23:20	1
Aroclor 1248	0.072	U	0.072	0.019	mg/Kg	☼	10/06/25 10:33	10/07/25 23:20	1
Aroclor 1254	0.072	U	0.072	0.019	mg/Kg	☼	10/06/25 10:33	10/07/25 23:20	1
Aroclor 1260	0.072	U	0.072	0.019	mg/Kg	☼	10/06/25 10:33	10/07/25 23:20	1
Aroclor-1262	0.072	U	0.072	0.019	mg/Kg	☼	10/06/25 10:33	10/07/25 23:20	1
Aroclor 1268	0.072	U	0.072	0.019	mg/Kg	☼	10/06/25 10:33	10/07/25 23:20	1
Polychlorinated biphenyls, Total	0.072	U	0.072	0.019	mg/Kg	☼	10/06/25 10:33	10/07/25 23:20	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
DCB Decachlorobiphenyl	*69*		*10 - 150*	*10/06/25 10:33*	*10/07/25 23:20*	*1*
DCB Decachlorobiphenyl	*68*		*10 - 150*	*10/06/25 10:33*	*10/07/25 23:20*	*1*
Tetrachloro-m-xylene	*130*		*10 - 150*	*10/06/25 10:33*	*10/07/25 23:20*	*1*
Tetrachloro-m-xylene	*134*		*10 - 150*	*10/06/25 10:33*	*10/07/25 23:20*	*1*

Method: EPA 1633A - Per- and Polyfluoroalkyl Substances by LC/MS/MS, 1633A

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Perfluorobutanoic acid (PFBA)	0.39	U	0.39	0.097	ug/Kg	☼	10/08/25 14:10	10/09/25 18:46	1
Perfluoropentanoic acid (PFPeA)	0.19	U	0.19	0.097	ug/Kg	☼	10/08/25 14:10	10/09/25 18:46	1
Perfluorohexanoic acid (PFHxA)	0.19	U	0.19	0.097	ug/Kg	☼	10/08/25 14:10	10/09/25 18:46	1
Perfluoroheptanoic acid (PFHpA)	0.19	U	0.19	0.097	ug/Kg	☼	10/08/25 14:10	10/09/25 18:46	1
Perfluorooctanoic acid (PFOA)	**0.084**	**J**	0.19	0.058	ug/Kg	☼	10/08/25 14:10	10/09/25 18:46	1
Perfluorononanoic acid (PFNA)	**0.38**		0.19	0.097	ug/Kg	☼	10/08/25 14:10	10/09/25 18:46	1
Perfluorodecanoic acid (PFDA)	**0.093**	**J**	0.19	0.058	ug/Kg	☼	10/08/25 14:10	10/09/25 18:46	1
Perfluoroundecanoic acid (PFUnA)	**0.75**		0.19	0.097	ug/Kg	☼	10/08/25 14:10	10/09/25 18:46	1
Perfluorododecanoic acid (PFDoA)	0.19	U	0.19	0.097	ug/Kg	☼	10/08/25 14:10	10/09/25 18:46	1
Perfluorotridecanoic acid (PFTrDA)	**0.27**		0.19	0.097	ug/Kg	☼	10/08/25 14:10	10/09/25 18:46	1
Perfluorotetradecanoic acid (PFTeDA)	0.19	U	0.19	0.097	ug/Kg	☼	10/08/25 14:10	10/09/25 18:46	1
Perfluorobutanesulfonic acid (PFBS)	0.19	U	0.19	0.097	ug/Kg	☼	10/08/25 14:10	10/09/25 18:46	1
Perfluoropentanesulfonic acid (PFPeS)	0.19	U	0.19	0.097	ug/Kg	☼	10/08/25 14:10	10/09/25 18:46	1
Perfluorohexanesulfonic acid (PFHxS)	0.19	U	0.19	0.097	ug/Kg	☼	10/08/25 14:10	10/09/25 18:46	1
Perfluoroheptanesulfonic acid (PFHpS)	0.19	U	0.19	0.097	ug/Kg	☼	10/08/25 14:10	10/09/25 18:46	1
Perfluorooctanesulfonic acid (PFOS)	0.19	U	0.19	0.097	ug/Kg	☼	10/08/25 14:10	10/09/25 18:46	1
Perfluorononanesulfonic acid (PFNS)	0.19	U	0.19	0.097	ug/Kg	☼	10/08/25 14:10	10/09/25 18:46	1

Client Sample ID: 1E_0-7
Date Collected: 10/03/25 09:00
Date Received: 10/03/25 16:15

Lab Sample ID: 460-336467-13
Matrix: Solid
Percent Solids: 92.6

Method: EPA 1633A - Per- and Polyfluoroalkyl Substances by LC/MS/MS, 1633A (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Perfluorodecanesulfonic acid (PFDS)	0.19	U	0.19	0.097	ug/Kg	☼	10/08/25 14:10	10/09/25 18:46	1
Perfluorododecanesulfonic acid (PFDoS)	0.19	U	0.19	0.097	ug/Kg	☼	10/08/25 14:10	10/09/25 18:46	1
1H,1H,2H,2H-Perfluorohexane sulfonic acid (4:2 FTS)	0.39	U	0.39	0.19	ug/Kg	☼	10/08/25 14:10	10/09/25 18:46	1
1H,1H,2H,2H-Perfluorooctane sulfonic acid (6:2 FTS)	0.39	U	0.39	0.19	ug/Kg	☼	10/08/25 14:10	10/09/25 18:46	1
1H,1H,2H,2H-Perfluorodecane sulfonic acid (8:2 FTS)	0.39	U	0.39	0.19	ug/Kg	☼	10/08/25 14:10	10/09/25 18:46	1
Perfluorooctanesulfonamide (PFOSA)	0.19	U	0.19	0.097	ug/Kg	☼	10/08/25 14:10	10/09/25 18:46	1
N-methylperfluorooctane sulfonamide (NMeFOSA)	0.19	U	0.19	0.097	ug/Kg	☼	10/08/25 14:10	10/09/25 18:46	1
N-ethylperfluorooctane sulfonamide (NEtFOSA)	0.19	U	0.19	0.097	ug/Kg	☼	10/08/25 14:10	10/09/25 18:46	1
N-methylperfluorooctanesulfonamidoacetic acid (NMeFOSAA)	0.19	U	0.19	0.097	ug/Kg	☼	10/08/25 14:10	10/09/25 18:46	1
N-ethylperfluorooctanesulfonamidoacetic acid (NEtFOSAA)	0.19	U	0.19	0.097	ug/Kg	☼	10/08/25 14:10	10/09/25 18:46	1
N-methylperfluorooctane sulfonamidoethanol (NMeFOSE)	0.97	U	0.97	0.48	ug/Kg	☼	10/08/25 14:10	10/09/25 18:46	1
N-ethylperfluorooctane sulfonamidoethanol (NEtFOSE)	0.97	U	0.97	0.48	ug/Kg	☼	10/08/25 14:10	10/09/25 18:46	1
Hexafluoropropylene Oxide Dimer Acid (HFPO-DA)	0.19	U	0.19	0.097	ug/Kg	☼	10/08/25 14:10	10/09/25 18:46	1
4,8-Dioxa-3H-perfluorononanoic acid (ADONA)	0.19	U	0.19	0.097	ug/Kg	☼	10/08/25 14:10	10/09/25 18:46	1
Perfluoro-3-methoxypropanoic acid (PFMPA)	0.19	U	0.19	0.097	ug/Kg	☼	10/08/25 14:10	10/09/25 18:46	1
Perfluoro-4-methoxybutanoic acid (PFMBA)	0.19	U	0.19	0.097	ug/Kg	☼	10/08/25 14:10	10/09/25 18:46	1
Nonafluoro-3,6-dioxaheptanoic acid (NFDHA)	0.19	U	0.19	0.097	ug/Kg	☼	10/08/25 14:10	10/09/25 18:46	1
9-Chlorohexadecafluoro-3-oxanonane-1-sulfonic acid (9Cl-PF3ONS)	0.19	U	0.19	0.097	ug/Kg	☼	10/08/25 14:10	10/09/25 18:46	1
11-Chloroeicosafluoro-3-oxaundecane-1-sulfonic acid (11Cl-PF3OUdS)	0.19	U	0.19	0.097	ug/Kg	☼	10/08/25 14:10	10/09/25 18:46	1
Perfluoro (2-ethoxyethane) sulfonic acid (PFEESA)	0.19	U	0.19	0.097	ug/Kg	☼	10/08/25 14:10	10/09/25 18:46	1
3-Perfluoropropylpropanoic acid (3:3 FTCA)	0.39	U	0.39	0.19	ug/Kg	☼	10/08/25 14:10	10/09/25 18:46	1
3-Perfluoropentylpropanoic acid (5:3 FTCA)	0.97	U	0.97	0.48	ug/Kg	☼	10/08/25 14:10	10/09/25 18:46	1
3-Perfluoroheptylpropanoic acid (7:3 FTCA)	0.97	U	0.97	0.48	ug/Kg	☼	10/08/25 14:10	10/09/25 18:46	1

Isotope Dilution	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
13C4 PFBA	*140*	*	*8 - 130*	*10/08/25 14:10*	*10/09/25 18:46*	*1*
13C5 PFPeA	*128*		*35 - 130*	*10/08/25 14:10*	*10/09/25 18:46*	*1*
13C5 PFHxA	*129*		*40 - 130*	*10/08/25 14:10*	*10/09/25 18:46*	*1*
13C4 PFHpA	*137*	*	*40 - 130*	*10/08/25 14:10*	*10/09/25 18:46*	*1*
13C8 PFOA	*119*		*40 - 130*	*10/08/25 14:10*	*10/09/25 18:46*	*1*
13C9 PFNA	*126*		*40 - 130*	*10/08/25 14:10*	*10/09/25 18:46*	*1*
13C6 PFDA	*122*		*40 - 130*	*10/08/25 14:10*	*10/09/25 18:46*	*1*
13C7 PFUnA	*121*		*40 - 130*	*10/08/25 14:10*	*10/09/25 18:46*	*1*
13C2 PFTeDA	*79.2*		*20 - 130*	*10/08/25 14:10*	*10/09/25 18:46*	*1*

Client Sample ID: 1E_0-7

Date Collected: 10/03/25 09:00
Date Received: 10/03/25 16:15

Lab Sample ID: 460-336467-13

Matrix: Solid
Percent Solids: 92.6

Method: EPA 1633A - Per- and Polyfluoroalkyl Substances by LC/MS/MS, 1633A (Continued)

Isotope Dilution	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
13C3 PFBS	134		40 - 135	10/08/25 14:10	10/09/25 18:46	1
13C3 PFHxS	122		40 - 130	10/08/25 14:10	10/09/25 18:46	1
13C8 PFOS	110		40 - 130	10/08/25 14:10	10/09/25 18:46	1
13C8 FOSA	98.2		40 - 130	10/08/25 14:10	10/09/25 18:46	1
d3-NMeFOSAA	87.3		40 - 135	10/08/25 14:10	10/09/25 18:46	1
d5-NEtFOSAA	97.6		40 - 150	10/08/25 14:10	10/09/25 18:46	1
13C2 4:2 FTS	129		40 - 165	10/08/25 14:10	10/09/25 18:46	1
13C2 6:2 FTS	113		40 - 215	10/08/25 14:10	10/09/25 18:46	1
13C2 8:2 FTS	95.7		40 - 275	10/08/25 14:10	10/09/25 18:46	1
13C3 HFPO-DA	132	*	40 - 130	10/08/25 14:10	10/09/25 18:46	1
d7-N-MeFOSE-M	54.9		20 - 130	10/08/25 14:10	10/09/25 18:46	1
d9-N-EtFOSE-M	45.0		15 - 130	10/08/25 14:10	10/09/25 18:46	1
d5-NEtPFOSA	73.9		10 - 130	10/08/25 14:10	10/09/25 18:46	1
d3-NMePFOSA	87.9		10 - 130	10/08/25 14:10	10/09/25 18:46	1
13C2 PFDoA	103		40 - 130	10/08/25 14:10	10/09/25 18:46	1

Method: SW846 6020B - Metals (ICP/MS)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Aluminum	5490		19.6	5.4	mg/Kg	☼	10/09/25 07:08	10/09/25 17:33	1
Antimony	2.0		0.98	0.14	mg/Kg	☼	10/09/25 07:08	10/09/25 17:33	1
Arsenic	12.9		0.98	0.10	mg/Kg	☼	10/09/25 07:08	10/09/25 17:33	1
Barium	34.3		2.0	0.14	mg/Kg	☼	10/09/25 07:08	10/09/25 17:33	1
Beryllium	0.35	J	0.39	0.022	mg/Kg	☼	10/09/25 07:08	10/09/25 17:33	1
Cadmium	0.14	J	0.98	0.11	mg/Kg	☼	10/09/25 07:08	10/09/25 17:33	1
Calcium	1600		98.2	9.6	mg/Kg	☼	10/09/25 07:08	10/09/25 17:33	1
Chromium	11.7		2.0	0.29	mg/Kg	☼	10/09/25 07:08	10/09/25 17:33	1
Cobalt	4.5		0.98	0.15	mg/Kg	☼	10/09/25 07:08	10/09/25 17:33	1
Copper	38.9		2.0	0.36	mg/Kg	☼	10/09/25 07:08	10/09/25 17:33	1
Iron	15800		58.9	7.5	mg/Kg	☼	10/09/25 07:08	10/09/25 17:33	1
Lead	72.9		0.59	0.20	mg/Kg	☼	10/09/25 07:08	10/09/25 17:33	1
Magnesium	2140		98.2	10.0	mg/Kg	☼	10/09/25 07:08	10/09/25 17:33	1
Manganese	145		3.9	0.40	mg/Kg	☼	10/09/25 07:08	10/09/25 17:33	1
Nickel	9.9		2.0	0.17	mg/Kg	☼	10/09/25 07:08	10/09/25 17:33	1
Potassium	692		98.2	15.9	mg/Kg	☼	10/09/25 07:08	10/09/25 17:33	1
Selenium	0.50	J	1.2	0.13	mg/Kg	☼	10/09/25 07:08	10/09/25 17:33	1
Silver	0.58		0.39	0.087	mg/Kg	☼	10/09/25 07:08	10/09/25 17:33	1
Sodium	55.6	J	98.2	44.9	mg/Kg	☼	10/09/25 07:08	10/09/25 17:33	1
Thallium	0.11	J	0.39	0.040	mg/Kg	☼	10/09/25 07:08	10/09/25 17:33	1
Vanadium	29.2		2.0	0.20	mg/Kg	☼	10/09/25 07:08	10/09/25 17:33	1
Zinc	34.6		7.9	1.1	mg/Kg	☼	10/09/25 07:08	10/09/25 17:33	1

Method: SW846 7471B - Mercury (CVAA)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	0.043		0.018	0.0085	mg/Kg	☼	10/13/25 07:47	10/13/25 15:28	1

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Percent Moisture (EPA Moisture)	7.4		1.0	1.0	%			10/07/25 16:17	1
Percent Solids (EPA Moisture)	92.6		1.0	1.0	%			10/07/25 16:17	1

Client: Haley & Aldrich, Inc.
Project/Site: Former Port Mobil

Job ID: 460-336467-1

Client Sample ID: 1E_7-14
Date Collected: 10/03/25 09:05
Date Received: 10/03/25 16:15

Lab Sample ID: 460-336467-14
Matrix: Solid
Percent Solids: 85.0

Method: SW846 8270E - Semivolatile Organic Compounds (GC/MS)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1'-Biphenyl	0.39	U	0.39	0.013	mg/Kg	☼	10/06/25 21:57	10/07/25 14:03	1
1,2,4,5-Tetrachlorobenzene	0.39	U	0.39	0.012	mg/Kg	☼	10/06/25 21:57	10/07/25 14:03	1
1,4-Dioxane	0.039	U	0.039	0.034	mg/Kg	☼	10/06/25 21:57	10/07/25 14:03	1
2,2'-oxybis[1-chloropropane]	0.39	U	0.39	0.023	mg/Kg	☼	10/06/25 21:57	10/07/25 14:03	1
2,3,4,6-Tetrachlorophenol	0.39	U	0.39	0.026	mg/Kg	☼	10/06/25 21:57	10/07/25 14:03	1
2,4,5-Trichlorophenol	0.39	U	0.39	0.039	mg/Kg	☼	10/06/25 21:57	10/07/25 14:03	1
2,4,6-Trichlorophenol	0.16	U	0.16	0.050	mg/Kg	☼	10/06/25 21:57	10/07/25 14:03	1
2,4-Dichlorophenol	0.16	U	0.16	0.025	mg/Kg	☼	10/06/25 21:57	10/07/25 14:03	1
2,4-Dimethylphenol	0.39	U	0.39	0.046	mg/Kg	☼	10/06/25 21:57	10/07/25 14:03	1
2,4-Dinitrophenol	0.31	U	0.31	0.19	mg/Kg	☼	10/06/25 21:57	10/07/25 14:03	1
2,4-Dinitrotoluene	0.078	U	0.078	0.042	mg/Kg	☼	10/06/25 21:57	10/07/25 14:03	1
2,6-Dinitrotoluene	0.078	U	0.078	0.028	mg/Kg	☼	10/06/25 21:57	10/07/25 14:03	1
2-Chloronaphthalene	0.39	U	0.39	0.050	mg/Kg	☼	10/06/25 21:57	10/07/25 14:03	1
2-Chlorophenol	0.39	U	0.39	0.014	mg/Kg	☼	10/06/25 21:57	10/07/25 14:03	1
2-Methylnaphthalene	0.39	U	0.39	0.011	mg/Kg	☼	10/06/25 21:57	10/07/25 14:03	1
2-Methylphenol	0.39	U	0.39	0.014	mg/Kg	☼	10/06/25 21:57	10/07/25 14:03	1
2-Nitroaniline	0.39	U	0.39	0.029	mg/Kg	☼	10/06/25 21:57	10/07/25 14:03	1
2-Nitrophenol	0.39	U	0.39	0.039	mg/Kg	☼	10/06/25 21:57	10/07/25 14:03	1
3 & 4 Methylphenol	0.39	U	0.39	0.024	mg/Kg	☼	10/06/25 21:57	10/07/25 14:03	1
3,3'-Dichlorobenzidine	0.16	U	0.16	0.058	mg/Kg	☼	10/06/25 21:57	10/07/25 14:03	1
3-Nitroaniline	0.39	U	0.39	0.092	mg/Kg	☼	10/06/25 21:57	10/07/25 14:03	1
4,6-Dinitro-2-methylphenol	0.31	U	0.31	0.16	mg/Kg	☼	10/06/25 21:57	10/07/25 14:03	1
4-Bromophenyl phenyl ether	0.39	U	0.39	0.015	mg/Kg	☼	10/06/25 21:57	10/07/25 14:03	1
4-Chloro-3-methylphenol	0.39	U	0.39	0.022	mg/Kg	☼	10/06/25 21:57	10/07/25 14:03	1
4-Chloroaniline	0.39	U	0.39	0.069	mg/Kg	☼	10/06/25 21:57	10/07/25 14:03	1
4-Chlorophenyl phenyl ether	0.39	U	0.39	0.014	mg/Kg	☼	10/06/25 21:57	10/07/25 14:03	1
4-Methylphenol	0.39	U	0.39	0.024	mg/Kg	☼	10/06/25 21:57	10/07/25 14:03	1
4-Nitroaniline	0.39	U	0.39	0.098	mg/Kg	☼	10/06/25 21:57	10/07/25 14:03	1
4-Nitrophenol	0.78	U	0.78	0.063	mg/Kg	☼	10/06/25 21:57	10/07/25 14:03	1
Acenaphthene	0.39	U	0.39	0.011	mg/Kg	☼	10/06/25 21:57	10/07/25 14:03	1
Acenaphthylene	0.39	U	0.39	0.011	mg/Kg	☼	10/06/25 21:57	10/07/25 14:03	1
Acetophenone	0.39	U	0.39	0.019	mg/Kg	☼	10/06/25 21:57	10/07/25 14:03	1
Anthracene	0.39	U	0.39	0.012	mg/Kg	☼	10/06/25 21:57	10/07/25 14:03	1
Atrazine	0.16	U	0.16	0.023	mg/Kg	☼	10/06/25 21:57	10/07/25 14:03	1
Benzaldehyde	0.39	U	0.39	0.064	mg/Kg	☼	10/06/25 21:57	10/07/25 14:03	1
Benzo[a]anthracene	0.039	U	0.039	0.029	mg/Kg	☼	10/06/25 21:57	10/07/25 14:03	1
Benzo[a]pyrene	0.039	U	0.039	0.010	mg/Kg	☼	10/06/25 21:57	10/07/25 14:03	1
Benzo[b]fluoranthene	0.039	U	0.039	0.010	mg/Kg	☼	10/06/25 21:57	10/07/25 14:03	1
Benzo[g,h,i]perylene	0.39	U	0.39	0.011	mg/Kg	☼	10/06/25 21:57	10/07/25 14:03	1
Benzo[k]fluoranthene	0.039	U	0.039	0.0076	mg/Kg	☼	10/06/25 21:57	10/07/25 14:03	1
Bis(2-chloroethoxy)methane	0.39	U	0.39	0.071	mg/Kg	☼	10/06/25 21:57	10/07/25 14:03	1
Bis(2-chloroethyl)ether	0.039	U	0.039	0.013	mg/Kg	☼	10/06/25 21:57	10/07/25 14:03	1
Bis(2-ethylhexyl) phthalate	0.39	U	0.39	0.020	mg/Kg	☼	10/06/25 21:57	10/07/25 14:03	1
Butyl benzyl phthalate	0.39	U	0.39	0.018	mg/Kg	☼	10/06/25 21:57	10/07/25 14:03	1
Caprolactam	0.39	U	0.39	0.060	mg/Kg	☼	10/06/25 21:57	10/07/25 14:03	1
Carbazole	0.39	U	0.39	0.015	mg/Kg	☼	10/06/25 21:57	10/07/25 14:03	1
Chrysene	0.39	U	0.39	0.016	mg/Kg	☼	10/06/25 21:57	10/07/25 14:03	1
Dibenz(a,h)anthracene	0.039	U	0.039	0.017	mg/Kg	☼	10/06/25 21:57	10/07/25 14:03	1
Dibenzofuran	0.39	U	0.39	0.013	mg/Kg	☼	10/06/25 21:57	10/07/25 14:03	1

Client Sample ID: 1E_7-14
Date Collected: 10/03/25 09:05
Date Received: 10/03/25 16:15

Lab Sample ID: 460-336467-14
Matrix: Solid
Percent Solids: 85.0

Method: SW846 8270E - Semivolatile Organic Compounds (GC/MS) (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Diethyl phthalate	0.39	U	0.39	0.012	mg/Kg	☼	10/06/25 21:57	10/07/25 14:03	1
Dimethyl phthalate	0.39	U	0.39	0.088	mg/Kg	☼	10/06/25 21:57	10/07/25 14:03	1
Di-n-butyl phthalate	0.39	U	0.39	0.015	mg/Kg	☼	10/06/25 21:57	10/07/25 14:03	1
Di-n-octyl phthalate	0.39	U	0.39	0.020	mg/Kg	☼	10/06/25 21:57	10/07/25 14:03	1
Fluoranthene	0.39	U	0.39	0.014	mg/Kg	☼	10/06/25 21:57	10/07/25 14:03	1
Fluorene	0.39	U	0.39	0.011	mg/Kg	☼	10/06/25 21:57	10/07/25 14:03	1
Hexachlorobenzene	0.039	U	0.039	0.018	mg/Kg	☼	10/06/25 21:57	10/07/25 14:03	1
Hexachlorobutadiene	0.078	U	0.078	0.0082	mg/Kg	☼	10/06/25 21:57	10/07/25 14:03	1
Hexachlorocyclopentadiene	0.39	U	0.39	0.034	mg/Kg	☼	10/06/25 21:57	10/07/25 14:03	1
Hexachloroethane	0.039	U	0.039	0.013	mg/Kg	☼	10/06/25 21:57	10/07/25 14:03	1
Indeno[1,2,3-cd]pyrene	0.039	U	0.039	0.015	mg/Kg	☼	10/06/25 21:57	10/07/25 14:03	1
Isophorone	0.16	U	0.16	0.11	mg/Kg	☼	10/06/25 21:57	10/07/25 14:03	1
Naphthalene	0.39	U	0.39	0.0067	mg/Kg	☼	10/06/25 21:57	10/07/25 14:03	1
Nitrobenzene	0.039	U	0.039	0.021	mg/Kg	☼	10/06/25 21:57	10/07/25 14:03	1
N-Nitrosodi-n-propylamine	0.039	U	0.039	0.028	mg/Kg	☼	10/06/25 21:57	10/07/25 14:03	1
N-Nitrosodiphenylamine	0.39	U	0.39	0.032	mg/Kg	☼	10/06/25 21:57	10/07/25 14:03	1
Pentachlorophenol	0.31	U	0.31	0.079	mg/Kg	☼	10/06/25 21:57	10/07/25 14:03	1
Phenanthrene	0.39	U	0.39	0.016	mg/Kg	☼	10/06/25 21:57	10/07/25 14:03	1
Phenol	0.39	U	0.39	0.014	mg/Kg	☼	10/06/25 21:57	10/07/25 14:03	1
Pyrene	0.39	U	0.39	0.0096	mg/Kg	☼	10/06/25 21:57	10/07/25 14:03	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
2,4,6-Tribromophenol (Surr)	*67*		*18 - 137*	*10/06/25 21:57*	*10/07/25 14:03*	*1*
2-Fluorobiphenyl	*68*		*33 - 117*	*10/06/25 21:57*	*10/07/25 14:03*	*1*
2-Fluorophenol (Surr)	*68*		*24 - 120*	*10/06/25 21:57*	*10/07/25 14:03*	*1*
Nitrobenzene-d5 (Surr)	*61*		*27 - 120*	*10/06/25 21:57*	*10/07/25 14:03*	*1*
Phenol-d5 (Surr)	*63*		*28 - 118*	*10/06/25 21:57*	*10/07/25 14:03*	*1*
Terphenyl-d14 (Surr)	*71*		*33 - 124*	*10/06/25 21:57*	*10/07/25 14:03*	*1*

Method: SW846 8081B - Organochlorine Pesticides (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
4,4'-DDD	0.0078	U	0.0078	0.0013	mg/Kg	☼	10/06/25 10:37	10/07/25 10:38	1
4,4'-DDE	0.0078	U	0.0078	0.00092	mg/Kg	☼	10/06/25 10:37	10/07/25 10:38	1
4,4'-DDT	0.0078	U	0.0078	0.0014	mg/Kg	☼	10/06/25 10:37	10/07/25 10:38	1
Aldrin	0.0078	U	0.0078	0.0012	mg/Kg	☼	10/06/25 10:37	10/07/25 10:38	1
alpha-BHC	0.0023	U	0.0023	0.00080	mg/Kg	☼	10/06/25 10:37	10/07/25 10:38	1
beta-BHC	0.0023	U	0.0023	0.00088	mg/Kg	☼	10/06/25 10:37	10/07/25 10:38	1
Chlordane (technical)	0.078	U	0.078	0.019	mg/Kg	☼	10/06/25 10:37	10/07/25 10:38	1
cis-Chlordane	0.0078	U	0.0078	0.0012	mg/Kg	☼	10/06/25 10:37	10/07/25 10:38	1
delta-BHC	0.0023	U	0.0023	0.00048	mg/Kg	☼	10/06/25 10:37	10/07/25 10:38	1
Dieldrin	0.0023	U	0.0023	0.0010	mg/Kg	☼	10/06/25 10:37	10/07/25 10:38	1
Endosulfan I	0.0078	U	0.0078	0.0012	mg/Kg	☼	10/06/25 10:37	10/07/25 10:38	1
Endosulfan II	0.0078	U	0.0078	0.0020	mg/Kg	☼	10/06/25 10:37	10/07/25 10:38	1
Endosulfan sulfate	0.0078	U	0.0078	0.00098	mg/Kg	☼	10/06/25 10:37	10/07/25 10:38	1
Endrin	0.0078	U	0.0078	0.0011	mg/Kg	☼	10/06/25 10:37	10/07/25 10:38	1
Endrin aldehyde	0.0078	U	0.0078	0.0018	mg/Kg	☼	10/06/25 10:37	10/07/25 10:38	1
Endrin ketone	0.0078	U	0.0078	0.0015	mg/Kg	☼	10/06/25 10:37	10/07/25 10:38	1
gamma-BHC (Lindane)	0.0023	U	0.0023	0.00073	mg/Kg	☼	10/06/25 10:37	10/07/25 10:38	1
Heptachlor	0.0078	U	0.0078	0.00092	mg/Kg	☼	10/06/25 10:37	10/07/25 10:38	1
Heptachlor epoxide	0.0078	U	0.0078	0.0012	mg/Kg	☼	10/06/25 10:37	10/07/25 10:38	1

Client Sample ID: 1E_7-14
Date Collected: 10/03/25 09:05
Date Received: 10/03/25 16:15

Lab Sample ID: 460-336467-14
Matrix: Solid
Percent Solids: 85.0

Method: SW846 8081B - Organochlorine Pesticides (GC) (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Methoxychlor	0.0078	U	0.0078	0.0018	mg/Kg	☼	10/06/25 10:37	10/07/25 10:38	1
Toxaphene	0.078	U	0.078	0.028	mg/Kg	☼	10/06/25 10:37	10/07/25 10:38	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
DCB Decachlorobiphenyl	*51*		*10 - 150*	*10/06/25 10:37*	*10/07/25 10:38*	*1*
DCB Decachlorobiphenyl	*49*		*10 - 150*	*10/06/25 10:37*	*10/07/25 10:38*	*1*
Tetrachloro-m-xylene	*84*		*14 - 150*	*10/06/25 10:37*	*10/07/25 10:38*	*1*
Tetrachloro-m-xylene	*77*		*14 - 150*	*10/06/25 10:37*	*10/07/25 10:38*	*1*

Method: SW846 8082A - Polychlorinated Biphenyls (PCBs) by Gas Chromatography

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Aroclor 1016	0.078	U	0.078	0.021	mg/Kg	☼	10/06/25 10:33	10/07/25 23:37	1
Aroclor 1221	0.078	U	0.078	0.021	mg/Kg	☼	10/06/25 10:33	10/07/25 23:37	1
Aroclor 1232	0.078	U	0.078	0.021	mg/Kg	☼	10/06/25 10:33	10/07/25 23:37	1
Aroclor 1242	0.078	U	0.078	0.021	mg/Kg	☼	10/06/25 10:33	10/07/25 23:37	1
Aroclor 1248	0.078	U	0.078	0.021	mg/Kg	☼	10/06/25 10:33	10/07/25 23:37	1
Aroclor 1254	0.078	U	0.078	0.021	mg/Kg	☼	10/06/25 10:33	10/07/25 23:37	1
Aroclor 1260	0.078	U	0.078	0.021	mg/Kg	☼	10/06/25 10:33	10/07/25 23:37	1
Aroclor-1262	0.078	U	0.078	0.021	mg/Kg	☼	10/06/25 10:33	10/07/25 23:37	1
Aroclor 1268	0.078	U	0.078	0.021	mg/Kg	☼	10/06/25 10:33	10/07/25 23:37	1
Polychlorinated biphenyls, Total	0.078	U	0.078	0.021	mg/Kg	☼	10/06/25 10:33	10/07/25 23:37	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
DCB Decachlorobiphenyl	*74*		*10 - 150*	*10/06/25 10:33*	*10/07/25 23:37*	*1*
DCB Decachlorobiphenyl	*77*		*10 - 150*	*10/06/25 10:33*	*10/07/25 23:37*	*1*
Tetrachloro-m-xylene	*142*		*10 - 150*	*10/06/25 10:33*	*10/07/25 23:37*	*1*
Tetrachloro-m-xylene	*146*		*10 - 150*	*10/06/25 10:33*	*10/07/25 23:37*	*1*

Method: EPA 1633A - Per- and Polyfluoroalkyl Substances by LC/MS/MS, 1633A

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Perfluorobutanoic acid (PFBA)	0.39	U	0.39	0.098	ug/Kg	☼	10/08/25 14:10	10/09/25 18:59	1
Perfluoropentanoic acid (PFPeA)	0.20	U	0.20	0.098	ug/Kg	☼	10/08/25 14:10	10/09/25 18:59	1
Perfluorohexanoic acid (PFHxA)	0.20	U	0.20	0.098	ug/Kg	☼	10/08/25 14:10	10/09/25 18:59	1
Perfluoroheptanoic acid (PFHpA)	0.20	U	0.20	0.098	ug/Kg	☼	10/08/25 14:10	10/09/25 18:59	1
Perfluorooctanoic acid (PFOA)	0.20	U	0.20	0.059	ug/Kg	☼	10/08/25 14:10	10/09/25 18:59	1
Perfluorononanoic acid (PFNA)	0.20	U	0.20	0.098	ug/Kg	☼	10/08/25 14:10	10/09/25 18:59	1
Perfluorodecanoic acid (PFDA)	0.20	U	0.20	0.059	ug/Kg	☼	10/08/25 14:10	10/09/25 18:59	1
Perfluoroundecanoic acid (PFUnA)	**0.098**	**J**	0.20	0.098	ug/Kg	☼	10/08/25 14:10	10/09/25 18:59	1
Perfluorododecanoic acid (PFDoA)	0.20	U	0.20	0.098	ug/Kg	☼	10/08/25 14:10	10/09/25 18:59	1
Perfluorotridecanoic acid (PFTrDA)	**0.13**	**J**	0.20	0.098	ug/Kg	☼	10/08/25 14:10	10/09/25 18:59	1
Perfluorotetradecanoic acid (PFTeDA)	0.20	U	0.20	0.098	ug/Kg	☼	10/08/25 14:10	10/09/25 18:59	1
Perfluorobutanesulfonic acid (PFBS)	0.20	U	0.20	0.098	ug/Kg	☼	10/08/25 14:10	10/09/25 18:59	1
Perfluoropentanesulfonic acid (PFPeS)	0.20	U	0.20	0.098	ug/Kg	☼	10/08/25 14:10	10/09/25 18:59	1
Perfluorohexanesulfonic acid (PFHxS)	0.20	U	0.20	0.098	ug/Kg	☼	10/08/25 14:10	10/09/25 18:59	1
Perfluoroheptanesulfonic acid (PFHpS)	0.20	U	0.20	0.098	ug/Kg	☼	10/08/25 14:10	10/09/25 18:59	1
Perfluorooctanesulfonic acid (PFOS)	0.20	U	0.20	0.098	ug/Kg	☼	10/08/25 14:10	10/09/25 18:59	1
Perfluorononanesulfonic acid (PFNS)	0.20	U	0.20	0.098	ug/Kg	☼	10/08/25 14:10	10/09/25 18:59	1

Client Sample ID: 1E_7-14
Date Collected: 10/03/25 09:05
Date Received: 10/03/25 16:15

Lab Sample ID: 460-336467-14
Matrix: Solid
Percent Solids: 85.0

Method: EPA 1633A - Per- and Polyfluoroalkyl Substances by LC/MS/MS, 1633A (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Perfluorodecanesulfonic acid (PFDS)	0.20	U	0.20	0.098	ug/Kg	☼	10/08/25 14:10	10/09/25 18:59	1
Perfluorododecanesulfonic acid (PFDoS)	0.20	U	0.20	0.098	ug/Kg	☼	10/08/25 14:10	10/09/25 18:59	1
1H,1H,2H,2H-Perfluorohexane sulfonic acid (4:2 FTS)	0.39	U	0.39	0.20	ug/Kg	☼	10/08/25 14:10	10/09/25 18:59	1
1H,1H,2H,2H-Perfluorooctane sulfonic acid (6:2 FTS)	0.39	U	0.39	0.20	ug/Kg	☼	10/08/25 14:10	10/09/25 18:59	1
1H,1H,2H,2H-Perfluorodecane sulfonic acid (8:2 FTS)	0.39	U	0.39	0.20	ug/Kg	☼	10/08/25 14:10	10/09/25 18:59	1
Perfluorooctanesulfonamide (PFOSA)	0.20	U	0.20	0.098	ug/Kg	☼	10/08/25 14:10	10/09/25 18:59	1
N-methylperfluorooctane sulfonamide (NMeFOSA)	0.20	U	0.20	0.098	ug/Kg	☼	10/08/25 14:10	10/09/25 18:59	1
N-ethylperfluorooctane sulfonamide (NEtFOSA)	0.20	U	0.20	0.098	ug/Kg	☼	10/08/25 14:10	10/09/25 18:59	1
N-methylperfluorooctanesulfonamidoacetic acid (NMeFOSAA)	0.20	U	0.20	0.098	ug/Kg	☼	10/08/25 14:10	10/09/25 18:59	1
N-ethylperfluorooctanesulfonamidoacetic acid (NEtFOSAA)	0.20	U	0.20	0.098	ug/Kg	☼	10/08/25 14:10	10/09/25 18:59	1
N-methylperfluorooctane sulfonamidoethanol (NMeFOSE)	0.98	U	0.98	0.49	ug/Kg	☼	10/08/25 14:10	10/09/25 18:59	1
N-ethylperfluorooctane sulfonamidoethanol (NEtFOSE)	0.98	U	0.98	0.49	ug/Kg	☼	10/08/25 14:10	10/09/25 18:59	1
Hexafluoropropylene Oxide Dimer Acid (HFPO-DA)	0.20	U	0.20	0.098	ug/Kg	☼	10/08/25 14:10	10/09/25 18:59	1
4,8-Dioxa-3H-perfluorononanoic acid (ADONA)	0.20	U	0.20	0.098	ug/Kg	☼	10/08/25 14:10	10/09/25 18:59	1
Perfluoro-3-methoxypropanoic acid (PFMPA)	0.20	U	0.20	0.098	ug/Kg	☼	10/08/25 14:10	10/09/25 18:59	1
Perfluoro-4-methoxybutanoic acid (PFMBA)	0.20	U	0.20	0.098	ug/Kg	☼	10/08/25 14:10	10/09/25 18:59	1
Nonafluoro-3,6-dioxaheptanoic acid (NFDHA)	0.20	U	0.20	0.098	ug/Kg	☼	10/08/25 14:10	10/09/25 18:59	1
9-Chlorohexadecafluoro-3-oxanonane-1-sulfonic acid (9Cl-PF3ONS)	0.20	U	0.20	0.098	ug/Kg	☼	10/08/25 14:10	10/09/25 18:59	1
11-Chloroeicosafluoro-3-oxaundecane-1-sulfonic acid (11Cl-PF3OUdS)	0.20	U	0.20	0.098	ug/Kg	☼	10/08/25 14:10	10/09/25 18:59	1
Perfluoro (2-ethoxyethane) sulfonic acid (PFEESA)	0.20	U	0.20	0.098	ug/Kg	☼	10/08/25 14:10	10/09/25 18:59	1
3-Perfluoropropylpropanoic acid (3:3 FTCA)	0.39	U	0.39	0.20	ug/Kg	☼	10/08/25 14:10	10/09/25 18:59	1
3-Perfluoropentylpropanoic acid (5:3 FTCA)	0.98	U	0.98	0.49	ug/Kg	☼	10/08/25 14:10	10/09/25 18:59	1
3-Perfluoroheptylpropanoic acid (7:3 FTCA)	0.98	U	0.98	0.49	ug/Kg	☼	10/08/25 14:10	10/09/25 18:59	1

Isotope Dilution	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
13C4 PFBA	*118*		*8 - 130*	*10/08/25 14:10*	*10/09/25 18:59*	*1*
13C5 PFPeA	*104*		*35 - 130*	*10/08/25 14:10*	*10/09/25 18:59*	*1*
13C5 PFHxA	*107*		*40 - 130*	*10/08/25 14:10*	*10/09/25 18:59*	*1*
13C4 PFHpA	*109*		*40 - 130*	*10/08/25 14:10*	*10/09/25 18:59*	*1*
13C8 PFOA	*111*		*40 - 130*	*10/08/25 14:10*	*10/09/25 18:59*	*1*
13C9 PFNA	*110*		*40 - 130*	*10/08/25 14:10*	*10/09/25 18:59*	*1*
13C6 PFDA	*105*		*40 - 130*	*10/08/25 14:10*	*10/09/25 18:59*	*1*
13C7 PFUnA	*113*		*40 - 130*	*10/08/25 14:10*	*10/09/25 18:59*	*1*
13C2 PFTeDA	*74.0*		*20 - 130*	*10/08/25 14:10*	*10/09/25 18:59*	*1*

Client Sample ID: 1E_7-14

Date Collected: 10/03/25 09:05
Date Received: 10/03/25 16:15

Lab Sample ID: 460-336467-14

Matrix: Solid
Percent Solids: 85.0

Method: EPA 1633A - Per- and Polyfluoroalkyl Substances by LC/MS/MS, 1633A (Continued)

Isotope Dilution	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
13C3 PFBS	117		40 - 135	10/08/25 14:10	10/09/25 18:59	1
13C3 PFHxS	103		40 - 130	10/08/25 14:10	10/09/25 18:59	1
13C8 PFOS	96.2		40 - 130	10/08/25 14:10	10/09/25 18:59	1
13C8 FOSA	87.8		40 - 130	10/08/25 14:10	10/09/25 18:59	1
d3-NMeFOSAA	79.3		40 - 135	10/08/25 14:10	10/09/25 18:59	1
d5-NEtFOSAA	91.2		40 - 150	10/08/25 14:10	10/09/25 18:59	1
13C2 4:2 FTS	99.2		40 - 165	10/08/25 14:10	10/09/25 18:59	1
13C2 6:2 FTS	95.5		40 - 215	10/08/25 14:10	10/09/25 18:59	1
13C2 8:2 FTS	87.3		40 - 275	10/08/25 14:10	10/09/25 18:59	1
13C3 HFPO-DA	98.7		40 - 130	10/08/25 14:10	10/09/25 18:59	1
d7-N-MeFOSE-M	71.8		20 - 130	10/08/25 14:10	10/09/25 18:59	1
d9-N-EtFOSE-M	60.2		15 - 130	10/08/25 14:10	10/09/25 18:59	1
d5-NEtPFOSA	70.6		10 - 130	10/08/25 14:10	10/09/25 18:59	1
d3-NMePFOSA	82.5		10 - 130	10/08/25 14:10	10/09/25 18:59	1
13C2 PFDoA	102		40 - 130	10/08/25 14:10	10/09/25 18:59	1

Method: SW846 6020B - Metals (ICP/MS)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Aluminum	7590		21.6	5.9	mg/Kg	☼	10/09/25 07:08	10/09/25 17:41	1
Antimony	0.18	J	1.1	0.16	mg/Kg	☼	10/09/25 07:08	10/09/25 17:41	1
Arsenic	3.8		1.1	0.11	mg/Kg	☼	10/09/25 07:08	10/09/25 17:41	1
Barium	29.0		2.2	0.16	mg/Kg	☼	10/09/25 07:08	10/09/25 17:41	1
Beryllium	0.49		0.43	0.024	mg/Kg	☼	10/09/25 07:08	10/09/25 17:41	1
Cadmium	1.1	U	1.1	0.12	mg/Kg	☼	10/09/25 07:08	10/09/25 17:41	1
Calcium	955		108	10.5	mg/Kg	☼	10/09/25 07:08	10/09/25 17:41	1
Chromium	16.7		2.2	0.32	mg/Kg	☼	10/09/25 07:08	10/09/25 17:41	1
Cobalt	5.3		1.1	0.16	mg/Kg	☼	10/09/25 07:08	10/09/25 17:41	1
Copper	15.3		2.2	0.40	mg/Kg	☼	10/09/25 07:08	10/09/25 17:41	1
Iron	23100		64.7	8.3	mg/Kg	☼	10/09/25 07:08	10/09/25 17:41	1
Lead	10.4		0.65	0.22	mg/Kg	☼	10/09/25 07:08	10/09/25 17:41	1
Magnesium	2230		108	11.0	mg/Kg	☼	10/09/25 07:08	10/09/25 17:41	1
Manganese	165		4.3	0.43	mg/Kg	☼	10/09/25 07:08	10/09/25 17:41	1
Nickel	10.3		2.2	0.19	mg/Kg	☼	10/09/25 07:08	10/09/25 17:41	1
Potassium	768		108	17.5	mg/Kg	☼	10/09/25 07:08	10/09/25 17:41	1
Selenium	0.18	J	1.3	0.14	mg/Kg	☼	10/09/25 07:08	10/09/25 17:41	1
Silver	0.43	U	0.43	0.096	mg/Kg	☼	10/09/25 07:08	10/09/25 17:41	1
Sodium	73.7	J	108	49.3	mg/Kg	☼	10/09/25 07:08	10/09/25 17:41	1
Thallium	0.085	J	0.43	0.044	mg/Kg	☼	10/09/25 07:08	10/09/25 17:41	1
Vanadium	26.0		2.2	0.22	mg/Kg	☼	10/09/25 07:08	10/09/25 17:41	1
Zinc	35.3		8.6	1.2	mg/Kg	☼	10/09/25 07:08	10/09/25 17:41	1

Method: SW846 7471B - Mercury (CVAA)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	0.011	J	0.019	0.0091	mg/Kg	☼	10/13/25 07:47	10/13/25 15:31	1

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Percent Moisture (EPA Moisture)	15.0		1.0	1.0	%			10/07/25 16:17	1
Percent Solids (EPA Moisture)	85.0		1.0	1.0	%			10/07/25 16:17	1

Client: Haley & Aldrich, Inc.
Project/Site: Former Port Mobil

Job ID: 460-336467-1

Client Sample ID: 1F_0-7
Date Collected: 10/03/25 09:10
Date Received: 10/03/25 16:15

Lab Sample ID: 460-336467-15
Matrix: Solid
Percent Solids: 94.8

Method: SW846 8270E - Semivolatile Organic Compounds (GC/MS)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1'-Biphenyl	0.35	U	0.35	0.012	mg/Kg	☼	10/06/25 21:57	10/07/25 14:27	1
1,2,4,5-Tetrachlorobenzene	0.35	U	0.35	0.011	mg/Kg	☼	10/06/25 21:57	10/07/25 14:27	1
1,4-Dioxane	0.035	U	0.035	0.030	mg/Kg	☼	10/06/25 21:57	10/07/25 14:27	1
2,2'-oxybis[1-chloropropane]	0.35	U	0.35	0.021	mg/Kg	☼	10/06/25 21:57	10/07/25 14:27	1
2,3,4,6-Tetrachlorophenol	0.35	U	0.35	0.023	mg/Kg	☼	10/06/25 21:57	10/07/25 14:27	1
2,4,5-Trichlorophenol	0.35	U	0.35	0.035	mg/Kg	☼	10/06/25 21:57	10/07/25 14:27	1
2,4,6-Trichlorophenol	0.14	U	0.14	0.044	mg/Kg	☼	10/06/25 21:57	10/07/25 14:27	1
2,4-Dichlorophenol	0.14	U	0.14	0.022	mg/Kg	☼	10/06/25 21:57	10/07/25 14:27	1
2,4-Dimethylphenol	0.35	U	0.35	0.041	mg/Kg	☼	10/06/25 21:57	10/07/25 14:27	1
2,4-Dinitrophenol	0.28	U	0.28	0.17	mg/Kg	☼	10/06/25 21:57	10/07/25 14:27	1
2,4-Dinitrotoluene	0.070	U	0.070	0.037	mg/Kg	☼	10/06/25 21:57	10/07/25 14:27	1
2,6-Dinitrotoluene	0.070	U	0.070	0.025	mg/Kg	☼	10/06/25 21:57	10/07/25 14:27	1
2-Chloronaphthalene	0.35	U	0.35	0.044	mg/Kg	☼	10/06/25 21:57	10/07/25 14:27	1
2-Chlorophenol	0.35	U	0.35	0.012	mg/Kg	☼	10/06/25 21:57	10/07/25 14:27	1
2-Methylnaphthalene	0.35	U	0.35	0.0097	mg/Kg	☼	10/06/25 21:57	10/07/25 14:27	1
2-Methylphenol	0.35	U	0.35	0.013	mg/Kg	☼	10/06/25 21:57	10/07/25 14:27	1
2-Nitroaniline	0.35	U	0.35	0.026	mg/Kg	☼	10/06/25 21:57	10/07/25 14:27	1
2-Nitrophenol	0.35	U	0.35	0.035	mg/Kg	☼	10/06/25 21:57	10/07/25 14:27	1
3 & 4 Methylphenol	0.35	U	0.35	0.022	mg/Kg	☼	10/06/25 21:57	10/07/25 14:27	1
3,3'-Dichlorobenzidine	0.14	U	0.14	0.052	mg/Kg	☼	10/06/25 21:57	10/07/25 14:27	1
3-Nitroaniline	0.35	U	0.35	0.082	mg/Kg	☼	10/06/25 21:57	10/07/25 14:27	1
4,6-Dinitro-2-methylphenol	0.28	U	0.28	0.14	mg/Kg	☼	10/06/25 21:57	10/07/25 14:27	1
4-Bromophenyl phenyl ether	0.35	U	0.35	0.014	mg/Kg	☼	10/06/25 21:57	10/07/25 14:27	1
4-Chloro-3-methylphenol	0.35	U	0.35	0.019	mg/Kg	☼	10/06/25 21:57	10/07/25 14:27	1
4-Chloroaniline	0.35	U	0.35	0.061	mg/Kg	☼	10/06/25 21:57	10/07/25 14:27	1
4-Chlorophenyl phenyl ether	0.35	U	0.35	0.012	mg/Kg	☼	10/06/25 21:57	10/07/25 14:27	1
4-Methylphenol	0.35	U	0.35	0.022	mg/Kg	☼	10/06/25 21:57	10/07/25 14:27	1
4-Nitroaniline	0.35	U	0.35	0.088	mg/Kg	☼	10/06/25 21:57	10/07/25 14:27	1
4-Nitrophenol	0.70	U	0.70	0.056	mg/Kg	☼	10/06/25 21:57	10/07/25 14:27	1
Acenaphthene	0.35	U	0.35	0.0099	mg/Kg	☼	10/06/25 21:57	10/07/25 14:27	1
Acenaphthylene	0.35	U	0.35	0.0099	mg/Kg	☼	10/06/25 21:57	10/07/25 14:27	1
Acetophenone	0.35	U	0.35	0.017	mg/Kg	☼	10/06/25 21:57	10/07/25 14:27	1
Anthracene	0.35	U	0.35	0.011	mg/Kg	☼	10/06/25 21:57	10/07/25 14:27	1
Atrazine	0.14	U	0.14	0.020	mg/Kg	☼	10/06/25 21:57	10/07/25 14:27	1
Benzaldehyde	0.35	U	0.35	0.057	mg/Kg	☼	10/06/25 21:57	10/07/25 14:27	1
Benzo[a]anthracene	0.035	U	0.035	0.026	mg/Kg	☼	10/06/25 21:57	10/07/25 14:27	1
Benzo[a]pyrene	0.035	U	0.035	0.0092	mg/Kg	☼	10/06/25 21:57	10/07/25 14:27	1
Benzo[b]fluoranthene	0.035	U	0.035	0.0089	mg/Kg	☼	10/06/25 21:57	10/07/25 14:27	1
Benzo[g,h,i]perylene	0.35	U	0.35	0.010	mg/Kg	☼	10/06/25 21:57	10/07/25 14:27	1
Benzo[k]fluoranthene	0.035	U	0.035	0.0068	mg/Kg	☼	10/06/25 21:57	10/07/25 14:27	1
Bis(2-chloroethoxy)methane	0.35	U	0.35	0.064	mg/Kg	☼	10/06/25 21:57	10/07/25 14:27	1
Bis(2-chloroethyl)ether	0.035	U	0.035	0.012	mg/Kg	☼	10/06/25 21:57	10/07/25 14:27	1
Bis(2-ethylhexyl) phthalate	0.35	U	0.35	0.018	mg/Kg	☼	10/06/25 21:57	10/07/25 14:27	1
Butyl benzyl phthalate	0.35	U	0.35	0.016	mg/Kg	☼	10/06/25 21:57	10/07/25 14:27	1
Caprolactam	0.35	U	0.35	0.054	mg/Kg	☼	10/06/25 21:57	10/07/25 14:27	1
Carbazole	0.35	U	0.35	0.013	mg/Kg	☼	10/06/25 21:57	10/07/25 14:27	1
Chrysene	0.35	U	0.35	0.015	mg/Kg	☼	10/06/25 21:57	10/07/25 14:27	1
Dibenz(a,h)anthracene	0.035	U	0.035	0.015	mg/Kg	☼	10/06/25 21:57	10/07/25 14:27	1
Dibenzofuran	0.35	U	0.35	0.012	mg/Kg	☼	10/06/25 21:57	10/07/25 14:27	1

Client: Haley & Aldrich, Inc.
Project/Site: Former Port Mobil

Job ID: 460-336467-1

Client Sample ID: 1F_0-7
Date Collected: 10/03/25 09:10
Date Received: 10/03/25 16:15

Lab Sample ID: 460-336467-15
Matrix: Solid
Percent Solids: 94.8

Method: SW846 8270E - Semivolatile Organic Compounds (GC/MS) (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Diethyl phthalate	0.35	U	0.35	0.011	mg/Kg	☼	10/06/25 21:57	10/07/25 14:27	1
Dimethyl phthalate	0.35	U	0.35	0.079	mg/Kg	☼	10/06/25 21:57	10/07/25 14:27	1
Di-n-butyl phthalate	0.35	U	0.35	0.013	mg/Kg	☼	10/06/25 21:57	10/07/25 14:27	1
Di-n-octyl phthalate	0.35	U	0.35	0.018	mg/Kg	☼	10/06/25 21:57	10/07/25 14:27	1
Fluoranthene	0.35	U	0.35	0.012	mg/Kg	☼	10/06/25 21:57	10/07/25 14:27	1
Fluorene	0.35	U	0.35	0.010	mg/Kg	☼	10/06/25 21:57	10/07/25 14:27	1
Hexachlorobenzene	0.035	U	0.035	0.016	mg/Kg	☼	10/06/25 21:57	10/07/25 14:27	1
Hexachlorobutadiene	0.070	U	0.070	0.0074	mg/Kg	☼	10/06/25 21:57	10/07/25 14:27	1
Hexachlorocyclopentadiene	0.35	U	0.35	0.030	mg/Kg	☼	10/06/25 21:57	10/07/25 14:27	1
Hexachloroethane	0.035	U	0.035	0.012	mg/Kg	☼	10/06/25 21:57	10/07/25 14:27	1
Indeno[1,2,3-cd]pyrene	0.035	U	0.035	0.014	mg/Kg	☼	10/06/25 21:57	10/07/25 14:27	1
Isophorone	0.14	U	0.14	0.10	mg/Kg	☼	10/06/25 21:57	10/07/25 14:27	1
Naphthalene	0.35	U	0.35	0.0060	mg/Kg	☼	10/06/25 21:57	10/07/25 14:27	1
Nitrobenzene	0.035	U	0.035	0.019	mg/Kg	☼	10/06/25 21:57	10/07/25 14:27	1
N-Nitrosodi-n-propylamine	0.035	U	0.035	0.025	mg/Kg	☼	10/06/25 21:57	10/07/25 14:27	1
N-Nitrosodiphenylamine	0.35	U	0.35	0.028	mg/Kg	☼	10/06/25 21:57	10/07/25 14:27	1
Pentachlorophenol	0.28	U	0.28	0.071	mg/Kg	☼	10/06/25 21:57	10/07/25 14:27	1
Phenanthrene	0.35	U	0.35	0.014	mg/Kg	☼	10/06/25 21:57	10/07/25 14:27	1
Phenol	0.35	U	0.35	0.013	mg/Kg	☼	10/06/25 21:57	10/07/25 14:27	1
Pyrene	0.35	U	0.35	0.0086	mg/Kg	☼	10/06/25 21:57	10/07/25 14:27	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
2,4,6-Tribromophenol (Surr)	*70*		*18 - 137*	*10/06/25 21:57*	*10/07/25 14:27*	*1*
2-Fluorobiphenyl	*67*		*33 - 117*	*10/06/25 21:57*	*10/07/25 14:27*	*1*
2-Fluorophenol (Surr)	*68*		*24 - 120*	*10/06/25 21:57*	*10/07/25 14:27*	*1*
Nitrobenzene-d5 (Surr)	*61*		*27 - 120*	*10/06/25 21:57*	*10/07/25 14:27*	*1*
Phenol-d5 (Surr)	*62*		*28 - 118*	*10/06/25 21:57*	*10/07/25 14:27*	*1*
Terphenyl-d14 (Surr)	*72*		*33 - 124*	*10/06/25 21:57*	*10/07/25 14:27*	*1*

Method: SW846 8081B - Organochlorine Pesticides (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
4,4'-DDD	0.0071	U	0.0071	0.0012	mg/Kg	☼	10/06/25 10:37	10/07/25 10:51	1
4,4'-DDE	0.0071	U	0.0071	0.00083	mg/Kg	☼	10/06/25 10:37	10/07/25 10:51	1
4,4'-DDT	**0.0020**	**J**	0.0071	0.0013	mg/Kg	☼	10/06/25 10:37	10/07/25 10:51	1
Aldrin	0.0071	U	0.0071	0.0011	mg/Kg	☼	10/06/25 10:37	10/07/25 10:51	1
alpha-BHC	0.0021	U	0.0021	0.00072	mg/Kg	☼	10/06/25 10:37	10/07/25 10:51	1
beta-BHC	0.0021	U	0.0021	0.00079	mg/Kg	☼	10/06/25 10:37	10/07/25 10:51	1
Chlordane (technical)	0.071	U	0.071	0.017	mg/Kg	☼	10/06/25 10:37	10/07/25 10:51	1
cis-Chlordane	0.0071	U	0.0071	0.0011	mg/Kg	☼	10/06/25 10:37	10/07/25 10:51	1
delta-BHC	0.0021	U	0.0021	0.00043	mg/Kg	☼	10/06/25 10:37	10/07/25 10:51	1
Dieldrin	0.0021	U	0.0021	0.00092	mg/Kg	☼	10/06/25 10:37	10/07/25 10:51	1
Endosulfan I	0.0071	U	0.0071	0.0011	mg/Kg	☼	10/06/25 10:37	10/07/25 10:51	1
Endosulfan II	0.0071	U	0.0071	0.0018	mg/Kg	☼	10/06/25 10:37	10/07/25 10:51	1
Endosulfan sulfate	0.0071	U	0.0071	0.00088	mg/Kg	☼	10/06/25 10:37	10/07/25 10:51	1
Endrin	0.0071	U	0.0071	0.0010	mg/Kg	☼	10/06/25 10:37	10/07/25 10:51	1
Endrin aldehyde	0.0071	U	0.0071	0.0017	mg/Kg	☼	10/06/25 10:37	10/07/25 10:51	1
Endrin ketone	0.0071	U	0.0071	0.0014	mg/Kg	☼	10/06/25 10:37	10/07/25 10:51	1
gamma-BHC (Lindane)	0.0021	U	0.0021	0.00065	mg/Kg	☼	10/06/25 10:37	10/07/25 10:51	1
Heptachlor	0.0071	U	0.0071	0.00083	mg/Kg	☼	10/06/25 10:37	10/07/25 10:51	1
Heptachlor epoxide	0.0071	U	0.0071	0.0011	mg/Kg	☼	10/06/25 10:37	10/07/25 10:51	1

Client Sample ID: 1F_0-7
Date Collected: 10/03/25 09:10
Date Received: 10/03/25 16:15

Lab Sample ID: 460-336467-15
Matrix: Solid
Percent Solids: 94.8

Method: SW846 8081B - Organochlorine Pesticides (GC) (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Methoxychlor	0.0071	U	0.0071	0.0016	mg/Kg	☼	10/06/25 10:37	10/07/25 10:51	1
Toxaphene	0.071	U	0.071	0.025	mg/Kg	☼	10/06/25 10:37	10/07/25 10:51	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
DCB Decachlorobiphenyl	*49*		*10 - 150*	*10/06/25 10:37*	*10/07/25 10:51*	*1*
DCB Decachlorobiphenyl	*48*		*10 - 150*	*10/06/25 10:37*	*10/07/25 10:51*	*1*
Tetrachloro-m-xylene	*76*		*14 - 150*	*10/06/25 10:37*	*10/07/25 10:51*	*1*
Tetrachloro-m-xylene	*72*		*14 - 150*	*10/06/25 10:37*	*10/07/25 10:51*	*1*

Method: SW846 8082A - Polychlorinated Biphenyls (PCBs) by Gas Chromatography

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Aroclor 1016	0.071	U	0.071	0.019	mg/Kg	☼	10/06/25 10:33	10/07/25 23:54	1
Aroclor 1221	0.071	U	0.071	0.019	mg/Kg	☼	10/06/25 10:33	10/07/25 23:54	1
Aroclor 1232	0.071	U	0.071	0.019	mg/Kg	☼	10/06/25 10:33	10/07/25 23:54	1
Aroclor 1242	0.071	U	0.071	0.019	mg/Kg	☼	10/06/25 10:33	10/07/25 23:54	1
Aroclor 1248	0.071	U	0.071	0.019	mg/Kg	☼	10/06/25 10:33	10/07/25 23:54	1
Aroclor 1254	0.071	U	0.071	0.019	mg/Kg	☼	10/06/25 10:33	10/07/25 23:54	1
Aroclor 1260	0.071	U	0.071	0.019	mg/Kg	☼	10/06/25 10:33	10/07/25 23:54	1
Aroclor-1262	0.071	U	0.071	0.019	mg/Kg	☼	10/06/25 10:33	10/07/25 23:54	1
Aroclor 1268	0.071	U	0.071	0.019	mg/Kg	☼	10/06/25 10:33	10/07/25 23:54	1
Polychlorinated biphenyls, Total	0.071	U	0.071	0.019	mg/Kg	☼	10/06/25 10:33	10/07/25 23:54	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
DCB Decachlorobiphenyl	*67*		*10 - 150*	*10/06/25 10:33*	*10/07/25 23:54*	*1*
DCB Decachlorobiphenyl	*69*		*10 - 150*	*10/06/25 10:33*	*10/07/25 23:54*	*1*
Tetrachloro-m-xylene	*125*		*10 - 150*	*10/06/25 10:33*	*10/07/25 23:54*	*1*
Tetrachloro-m-xylene	*130*		*10 - 150*	*10/06/25 10:33*	*10/07/25 23:54*	*1*

Method: EPA 1633A - Per- and Polyfluoroalkyl Substances by LC/MS/MS, 1633A

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Perfluorobutanoic acid (PFBA)	0.39	U	0.39	0.096	ug/Kg	☼	10/08/25 14:13	10/09/25 05:24	1
Perfluoropentanoic acid (PFPeA)	0.19	U	0.19	0.096	ug/Kg	☼	10/08/25 14:13	10/09/25 05:24	1
Perfluorohexanoic acid (PFHxA)	0.19	U	0.19	0.096	ug/Kg	☼	10/08/25 14:13	10/09/25 05:24	1
Perfluoroheptanoic acid (PFHpA)	0.19	U	0.19	0.096	ug/Kg	☼	10/08/25 14:13	10/09/25 05:24	1
Perfluorooctanoic acid (PFOA)	**0.064**	**J**	0.19	0.058	ug/Kg	☼	10/08/25 14:13	10/09/25 05:24	1
Perfluorononanoic acid (PFNA)	**0.23**		0.19	0.096	ug/Kg	☼	10/08/25 14:13	10/09/25 05:24	1
Perfluorodecanoic acid (PFDA)	**0.13**	**J**	0.19	0.058	ug/Kg	☼	10/08/25 14:13	10/09/25 05:24	1
Perfluoroundecanoic acid (PFUnA)	**0.73**		0.19	0.096	ug/Kg	☼	10/08/25 14:13	10/09/25 05:24	1
Perfluorododecanoic acid (PFDoA)	0.19	U	0.19	0.096	ug/Kg	☼	10/08/25 14:13	10/09/25 05:24	1
Perfluorotridecanoic acid (PFTrDA)	**0.28**		0.19	0.096	ug/Kg	☼	10/08/25 14:13	10/09/25 05:24	1
Perfluorotetradecanoic acid (PFTeDA)	0.19	U	0.19	0.096	ug/Kg	☼	10/08/25 14:13	10/09/25 05:24	1
Perfluorobutanesulfonic acid (PFBS)	0.19	U	0.19	0.096	ug/Kg	☼	10/08/25 14:13	10/09/25 05:24	1
Perfluoropentanesulfonic acid (PFPeS)	0.19	U	0.19	0.096	ug/Kg	☼	10/08/25 14:13	10/09/25 05:24	1
Perfluorohexanesulfonic acid (PFHxS)	0.19	U	0.19	0.096	ug/Kg	☼	10/08/25 14:13	10/09/25 05:24	1
Perfluoroheptanesulfonic acid (PFHpS)	0.19	U	0.19	0.096	ug/Kg	☼	10/08/25 14:13	10/09/25 05:24	1
Perfluorooctanesulfonic acid (PFOS)	**0.13**	**J**	0.19	0.096	ug/Kg	☼	10/08/25 14:13	10/09/25 05:24	1
Perfluorononanesulfonic acid (PFNS)	0.19	U	0.19	0.096	ug/Kg	☼	10/08/25 14:13	10/09/25 05:24	1

Client Sample ID: 1F_0-7
Date Collected: 10/03/25 09:10
Date Received: 10/03/25 16:15

Lab Sample ID: 460-336467-15
Matrix: Solid
Percent Solids: 94.8

Method: EPA 1633A - Per- and Polyfluoroalkyl Substances by LC/MS/MS, 1633A (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Perfluorodecanesulfonic acid (PFDS)	0.19	U	0.19	0.096	ug/Kg	☼	10/08/25 14:13	10/09/25 05:24	1
Perfluorododecanesulfonic acid (PFDoS)	0.19	U	0.19	0.096	ug/Kg	☼	10/08/25 14:13	10/09/25 05:24	1
1H,1H,2H,2H-Perfluorohexane sulfonic acid (4:2 FTS)	0.39	U	0.39	0.19	ug/Kg	☼	10/08/25 14:13	10/09/25 05:24	1
1H,1H,2H,2H-Perfluorooctane sulfonic acid (6:2 FTS)	0.39	U	0.39	0.19	ug/Kg	☼	10/08/25 14:13	10/09/25 05:24	1
1H,1H,2H,2H-Perfluorodecane sulfonic acid (8:2 FTS)	0.39	U	0.39	0.19	ug/Kg	☼	10/08/25 14:13	10/09/25 05:24	1
Perfluorooctanesulfonamide (PFOSA)	0.19	U	0.19	0.096	ug/Kg	☼	10/08/25 14:13	10/09/25 05:24	1
N-methylperfluorooctane sulfonamide (NMeFOSA)	0.19	U	0.19	0.096	ug/Kg	☼	10/08/25 14:13	10/09/25 05:24	1
N-ethylperfluorooctane sulfonamide (NEtFOSA)	0.19	U	0.19	0.096	ug/Kg	☼	10/08/25 14:13	10/09/25 05:24	1
N-methylperfluorooctanesulfonamidoacetic acid (NMeFOSAA)	0.19	U	0.19	0.096	ug/Kg	☼	10/08/25 14:13	10/09/25 05:24	1
N-ethylperfluorooctanesulfonamidoacetic acid (NEtFOSAA)	0.19	U	0.19	0.096	ug/Kg	☼	10/08/25 14:13	10/09/25 05:24	1
N-methylperfluorooctane sulfonamidoethanol (NMeFOSE)	0.96	U	0.96	0.48	ug/Kg	☼	10/08/25 14:13	10/09/25 05:24	1
N-ethylperfluorooctane sulfonamidoethanol (NEtFOSE)	0.96	U	0.96	0.48	ug/Kg	☼	10/08/25 14:13	10/09/25 05:24	1
Hexafluoropropylene Oxide Dimer Acid (HFPO-DA)	0.19	U	0.19	0.096	ug/Kg	☼	10/08/25 14:13	10/09/25 05:24	1
4,8-Dioxa-3H-perfluorononanoic acid (ADONA)	0.19	U	0.19	0.096	ug/Kg	☼	10/08/25 14:13	10/09/25 05:24	1
Perfluoro-3-methoxypropanoic acid (PFMPA)	0.19	U	0.19	0.096	ug/Kg	☼	10/08/25 14:13	10/09/25 05:24	1
Perfluoro-4-methoxybutanoic acid (PFMBA)	0.19	U	0.19	0.096	ug/Kg	☼	10/08/25 14:13	10/09/25 05:24	1
Nonafluoro-3,6-dioxaheptanoic acid (NFDHA)	0.19	U	0.19	0.096	ug/Kg	☼	10/08/25 14:13	10/09/25 05:24	1
9-Chlorohexadecafluoro-3-oxanonane-1-sulfonic acid (9Cl-PF3ONS)	0.19	U	0.19	0.096	ug/Kg	☼	10/08/25 14:13	10/09/25 05:24	1
11-Chloroeicosafluoro-3-oxaundecane-1-sulfonic acid (11Cl-PF3OUdS)	0.19	U	0.19	0.096	ug/Kg	☼	10/08/25 14:13	10/09/25 05:24	1
Perfluoro (2-ethoxyethane) sulfonic acid (PFEESA)	0.19	U	0.19	0.096	ug/Kg	☼	10/08/25 14:13	10/09/25 05:24	1
3-Perfluoropropylpropanoic acid (3:3 FTCA)	0.39	U	0.39	0.19	ug/Kg	☼	10/08/25 14:13	10/09/25 05:24	1
3-Perfluoropentylpropanoic acid (5:3 FTCA)	0.96	U	0.96	0.48	ug/Kg	☼	10/08/25 14:13	10/09/25 05:24	1
3-Perfluoroheptylpropanoic acid (7:3 FTCA)	0.96	U	0.96	0.48	ug/Kg	☼	10/08/25 14:13	10/09/25 05:24	1

Isotope Dilution	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
13C4 PFBA	*109*		*8 - 130*	*10/08/25 14:13*	*10/09/25 05:24*	*1*
13C5 PFPeA	*101*		*35 - 130*	*10/08/25 14:13*	*10/09/25 05:24*	*1*
13C5 PFHxA	*99.2*		*40 - 130*	*10/08/25 14:13*	*10/09/25 05:24*	*1*
13C4 PFHpA	*108*		*40 - 130*	*10/08/25 14:13*	*10/09/25 05:24*	*1*
13C8 PFOA	*96.4*		*40 - 130*	*10/08/25 14:13*	*10/09/25 05:24*	*1*
13C9 PFNA	*93.5*		*40 - 130*	*10/08/25 14:13*	*10/09/25 05:24*	*1*
13C6 PFDA	*90.7*		*40 - 130*	*10/08/25 14:13*	*10/09/25 05:24*	*1*
13C7 PFUnA	*85.7*		*40 - 130*	*10/08/25 14:13*	*10/09/25 05:24*	*1*
13C2 PFTeDA	*51.0*		*20 - 130*	*10/08/25 14:13*	*10/09/25 05:24*	*1*

Client Sample ID: 1F_0-7

Date Collected: 10/03/25 09:10
Date Received: 10/03/25 16:15

Lab Sample ID: 460-336467-15

Matrix: Solid
Percent Solids: 94.8

Method: EPA 1633A - Per- and Polyfluoroalkyl Substances by LC/MS/MS, 1633A (Continued)

Isotope Dilution	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
13C3 PFBS	103		40 - 135	10/08/25 14:13	10/09/25 05:24	1
13C3 PFHxS	92.9		40 - 130	10/08/25 14:13	10/09/25 05:24	1
13C8 PFOS	83.5		40 - 130	10/08/25 14:13	10/09/25 05:24	1
13C8 FOSA	76.2		40 - 130	10/08/25 14:13	10/09/25 05:24	1
d3-NMeFOSAA	57.8		40 - 135	10/08/25 14:13	10/09/25 05:24	1
d5-NEtFOSAA	78.6		40 - 150	10/08/25 14:13	10/09/25 05:24	1
13C2 4:2 FTS	95.4		40 - 165	10/08/25 14:13	10/09/25 05:24	1
13C2 6:2 FTS	81.5		40 - 215	10/08/25 14:13	10/09/25 05:24	1
13C2 8:2 FTS	66.7		40 - 275	10/08/25 14:13	10/09/25 05:24	1
13C3 HFPO-DA	101		40 - 130	10/08/25 14:13	10/09/25 05:24	1
d7-N-MeFOSE-M	51.5		20 - 130	10/08/25 14:13	10/09/25 05:24	1
d9-N-EtFOSE-M	37.6		15 - 130	10/08/25 14:13	10/09/25 05:24	1
d5-NEtPFOSA	52.1		10 - 130	10/08/25 14:13	10/09/25 05:24	1
d3-NMePFOSA	59.3		10 - 130	10/08/25 14:13	10/09/25 05:24	1
13C2 PFDoA	78.4		40 - 130	10/08/25 14:13	10/09/25 05:24	1

Method: SW846 6020B - Metals (ICP/MS)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Aluminum	3360		19.4	5.3	mg/Kg	☼	10/09/25 07:08	10/09/25 17:44	1
Antimony	1.8		0.97	0.14	mg/Kg	☼	10/09/25 07:08	10/09/25 17:44	1
Arsenic	10.2		0.97	0.10	mg/Kg	☼	10/09/25 07:08	10/09/25 17:44	1
Barium	23.5		1.9	0.14	mg/Kg	☼	10/09/25 07:08	10/09/25 17:44	1
Beryllium	0.27	J	0.39	0.021	mg/Kg	☼	10/09/25 07:08	10/09/25 17:44	1
Cadmium	0.97	U	0.97	0.11	mg/Kg	☼	10/09/25 07:08	10/09/25 17:44	1
Calcium	634		96.8	9.4	mg/Kg	☼	10/09/25 07:08	10/09/25 17:44	1
Chromium	8.9		1.9	0.29	mg/Kg	☼	10/09/25 07:08	10/09/25 17:44	1
Cobalt	2.8		0.97	0.14	mg/Kg	☼	10/09/25 07:08	10/09/25 17:44	1
Copper	20.6		1.9	0.36	mg/Kg	☼	10/09/25 07:08	10/09/25 17:44	1
Iron	11500		58.1	7.4	mg/Kg	☼	10/09/25 07:08	10/09/25 17:44	1
Lead	47.7		0.58	0.19	mg/Kg	☼	10/09/25 07:08	10/09/25 17:44	1
Magnesium	954		96.8	9.9	mg/Kg	☼	10/09/25 07:08	10/09/25 17:44	1
Manganese	126		3.9	0.39	mg/Kg	☼	10/09/25 07:08	10/09/25 17:44	1
Nickel	4.9		1.9	0.17	mg/Kg	☼	10/09/25 07:08	10/09/25 17:44	1
Potassium	513		96.8	15.7	mg/Kg	☼	10/09/25 07:08	10/09/25 17:44	1
Selenium	0.28	J	1.2	0.12	mg/Kg	☼	10/09/25 07:08	10/09/25 17:44	1
Silver	0.21	J	0.39	0.086	mg/Kg	☼	10/09/25 07:08	10/09/25 17:44	1
Sodium	96.8	U	96.8	44.2	mg/Kg	☼	10/09/25 07:08	10/09/25 17:44	1
Thallium	0.39	U	0.39	0.040	mg/Kg	☼	10/09/25 07:08	10/09/25 17:44	1
Vanadium	16.0		1.9	0.20	mg/Kg	☼	10/09/25 07:08	10/09/25 17:44	1
Zinc	21.0		7.7	1.1	mg/Kg	☼	10/09/25 07:08	10/09/25 17:44	1

Method: SW846 7471B - Mercury (CVAA)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	0.026		0.017	0.0080	mg/Kg	☼	10/13/25 07:47	10/13/25 15:34	1

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Percent Moisture (EPA Moisture)	5.2		1.0	1.0	%			10/07/25 16:17	1
Percent Solids (EPA Moisture)	94.8		1.0	1.0	%			10/07/25 16:17	1

Client: Haley & Aldrich, Inc.
Project/Site: Former Port Mobil

Job ID: 460-336467-1

Client Sample ID: 1F_7-14
Date Collected: 10/03/25 09:15
Date Received: 10/03/25 16:15

Lab Sample ID: 460-336467-16
Matrix: Solid
Percent Solids: 92.2

Method: SW846 8270E - Semivolatile Organic Compounds (GC/MS)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1'-Biphenyl	0.35	U	0.35	0.012	mg/Kg	☼	10/06/25 21:57	10/07/25 14:50	1
1,2,4,5-Tetrachlorobenzene	0.35	U	0.35	0.011	mg/Kg	☼	10/06/25 21:57	10/07/25 14:50	1
1,4-Dioxane	0.035	U	0.035	0.031	mg/Kg	☼	10/06/25 21:57	10/07/25 14:50	1
2,2'-oxybis[1-chloropropane]	0.35	U	0.35	0.021	mg/Kg	☼	10/06/25 21:57	10/07/25 14:50	1
2,3,4,6-Tetrachlorophenol	0.35	U	0.35	0.024	mg/Kg	☼	10/06/25 21:57	10/07/25 14:50	1
2,4,5-Trichlorophenol	0.35	U	0.35	0.036	mg/Kg	☼	10/06/25 21:57	10/07/25 14:50	1
2,4,6-Trichlorophenol	0.14	U	0.14	0.046	mg/Kg	☼	10/06/25 21:57	10/07/25 14:50	1
2,4-Dichlorophenol	0.14	U	0.14	0.023	mg/Kg	☼	10/06/25 21:57	10/07/25 14:50	1
2,4-Dimethylphenol	0.35	U	0.35	0.042	mg/Kg	☼	10/06/25 21:57	10/07/25 14:50	1
2,4-Dinitrophenol	0.28	U	0.28	0.17	mg/Kg	☼	10/06/25 21:57	10/07/25 14:50	1
2,4-Dinitrotoluene	0.072	U	0.072	0.038	mg/Kg	☼	10/06/25 21:57	10/07/25 14:50	1
2,6-Dinitrotoluene	0.072	U	0.072	0.026	mg/Kg	☼	10/06/25 21:57	10/07/25 14:50	1
2-Chloronaphthalene	0.35	U	0.35	0.046	mg/Kg	☼	10/06/25 21:57	10/07/25 14:50	1
2-Chlorophenol	0.35	U	0.35	0.013	mg/Kg	☼	10/06/25 21:57	10/07/25 14:50	1
2-Methylnaphthalene	**0.014**	**J**	0.35	0.0099	mg/Kg	☼	10/06/25 21:57	10/07/25 14:50	1
2-Methylphenol	0.35	U	0.35	0.013	mg/Kg	☼	10/06/25 21:57	10/07/25 14:50	1
2-Nitroaniline	0.35	U	0.35	0.027	mg/Kg	☼	10/06/25 21:57	10/07/25 14:50	1
2-Nitrophenol	0.35	U	0.35	0.035	mg/Kg	☼	10/06/25 21:57	10/07/25 14:50	1
3 & 4 Methylphenol	0.35	U	0.35	0.022	mg/Kg	☼	10/06/25 21:57	10/07/25 14:50	1
3,3'-Dichlorobenzidine	0.14	U	0.14	0.054	mg/Kg	☼	10/06/25 21:57	10/07/25 14:50	1
3-Nitroaniline	0.35	U	0.35	0.084	mg/Kg	☼	10/06/25 21:57	10/07/25 14:50	1
4,6-Dinitro-2-methylphenol	0.28	U	0.28	0.14	mg/Kg	☼	10/06/25 21:57	10/07/25 14:50	1
4-Bromophenyl phenyl ether	0.35	U	0.35	0.014	mg/Kg	☼	10/06/25 21:57	10/07/25 14:50	1
4-Chloro-3-methylphenol	0.35	U	0.35	0.020	mg/Kg	☼	10/06/25 21:57	10/07/25 14:50	1
4-Chloroaniline	0.35	U	0.35	0.063	mg/Kg	☼	10/06/25 21:57	10/07/25 14:50	1
4-Chlorophenyl phenyl ether	0.35	U	0.35	0.013	mg/Kg	☼	10/06/25 21:57	10/07/25 14:50	1
4-Methylphenol	0.35	U	0.35	0.022	mg/Kg	☼	10/06/25 21:57	10/07/25 14:50	1
4-Nitroaniline	0.35	U	0.35	0.090	mg/Kg	☼	10/06/25 21:57	10/07/25 14:50	1
4-Nitrophenol	0.72	U	0.72	0.058	mg/Kg	☼	10/06/25 21:57	10/07/25 14:50	1
Acenaphthene	0.35	U	0.35	0.010	mg/Kg	☼	10/06/25 21:57	10/07/25 14:50	1
Acenaphthylene	0.35	U	0.35	0.010	mg/Kg	☼	10/06/25 21:57	10/07/25 14:50	1
Acetophenone	0.35	U	0.35	0.017	mg/Kg	☼	10/06/25 21:57	10/07/25 14:50	1
Anthracene	0.35	U	0.35	0.011	mg/Kg	☼	10/06/25 21:57	10/07/25 14:50	1
Atrazine	0.14	U	0.14	0.021	mg/Kg	☼	10/06/25 21:57	10/07/25 14:50	1
Benzaldehyde	0.35	U	0.35	0.059	mg/Kg	☼	10/06/25 21:57	10/07/25 14:50	1
Benzo[a]anthracene	0.035	U	0.035	0.027	mg/Kg	☼	10/06/25 21:57	10/07/25 14:50	1
Benzo[a]pyrene	0.035	U	0.035	0.0094	mg/Kg	☼	10/06/25 21:57	10/07/25 14:50	1
Benzo[b]fluoranthene	0.035	U	0.035	0.0092	mg/Kg	☼	10/06/25 21:57	10/07/25 14:50	1
Benzo[g,h,i]perylene	0.35	U	0.35	0.010	mg/Kg	☼	10/06/25 21:57	10/07/25 14:50	1
Benzo[k]fluoranthene	0.035	U	0.035	0.0070	mg/Kg	☼	10/06/25 21:57	10/07/25 14:50	1
Bis(2-chloroethoxy)methane	0.35	U	0.35	0.065	mg/Kg	☼	10/06/25 21:57	10/07/25 14:50	1
Bis(2-chloroethyl)ether	0.035	U	0.035	0.012	mg/Kg	☼	10/06/25 21:57	10/07/25 14:50	1
Bis(2-ethylhexyl) phthalate	0.35	U	0.35	0.019	mg/Kg	☼	10/06/25 21:57	10/07/25 14:50	1
Butyl benzyl phthalate	0.35	U	0.35	0.017	mg/Kg	☼	10/06/25 21:57	10/07/25 14:50	1
Caprolactam	0.35	U	0.35	0.055	mg/Kg	☼	10/06/25 21:57	10/07/25 14:50	1
Carbazole	0.35	U	0.35	0.013	mg/Kg	☼	10/06/25 21:57	10/07/25 14:50	1
Chrysene	0.35	U	0.35	0.015	mg/Kg	☼	10/06/25 21:57	10/07/25 14:50	1
Dibenz(a,h)anthracene	0.035	U	0.035	0.015	mg/Kg	☼	10/06/25 21:57	10/07/25 14:50	1
Dibenzofuran	0.35	U	0.35	0.012	mg/Kg	☼	10/06/25 21:57	10/07/25 14:50	1

Client Sample ID: 1F_7-14
Date Collected: 10/03/25 09:15
Date Received: 10/03/25 16:15

Lab Sample ID: 460-336467-16
Matrix: Solid
Percent Solids: 92.2

Method: SW846 8270E - Semivolatile Organic Compounds (GC/MS) (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Diethyl phthalate	0.35	U	0.35	0.011	mg/Kg	☼	10/06/25 21:57	10/07/25 14:50	1
Dimethyl phthalate	0.35	U	0.35	0.081	mg/Kg	☼	10/06/25 21:57	10/07/25 14:50	1
Di-n-butyl phthalate	0.35	U	0.35	0.013	mg/Kg	☼	10/06/25 21:57	10/07/25 14:50	1
Di-n-octyl phthalate	0.35	U	0.35	0.019	mg/Kg	☼	10/06/25 21:57	10/07/25 14:50	1
Fluoranthene	0.35	U	0.35	0.012	mg/Kg	☼	10/06/25 21:57	10/07/25 14:50	1
Fluorene	0.35	U	0.35	0.010	mg/Kg	☼	10/06/25 21:57	10/07/25 14:50	1
Hexachlorobenzene	0.035	U	0.035	0.017	mg/Kg	☼	10/06/25 21:57	10/07/25 14:50	1
Hexachlorobutadiene	0.072	U	0.072	0.0075	mg/Kg	☼	10/06/25 21:57	10/07/25 14:50	1
Hexachlorocyclopentadiene	0.35	U	0.35	0.031	mg/Kg	☼	10/06/25 21:57	10/07/25 14:50	1
Hexachloroethane	0.035	U	0.035	0.012	mg/Kg	☼	10/06/25 21:57	10/07/25 14:50	1
Indeno[1,2,3-cd]pyrene	0.035	U	0.035	0.014	mg/Kg	☼	10/06/25 21:57	10/07/25 14:50	1
Isophorone	0.14	U	0.14	0.10	mg/Kg	☼	10/06/25 21:57	10/07/25 14:50	1
Naphthalene	**0.011**	**J**	0.35	0.0061	mg/Kg	☼	10/06/25 21:57	10/07/25 14:50	1
Nitrobenzene	0.035	U	0.035	0.020	mg/Kg	☼	10/06/25 21:57	10/07/25 14:50	1
N-Nitrosodi-n-propylamine	0.035	U	0.035	0.026	mg/Kg	☼	10/06/25 21:57	10/07/25 14:50	1
N-Nitrosodiphenylamine	0.35	U	0.35	0.029	mg/Kg	☼	10/06/25 21:57	10/07/25 14:50	1
Pentachlorophenol	0.28	U	0.28	0.073	mg/Kg	☼	10/06/25 21:57	10/07/25 14:50	1
Phenanthrene	**0.021**	**J**	0.35	0.014	mg/Kg	☼	10/06/25 21:57	10/07/25 14:50	1
Phenol	0.35	U	0.35	0.013	mg/Kg	☼	10/06/25 21:57	10/07/25 14:50	1
Pyrene	0.35	U	0.35	0.0088	mg/Kg	☼	10/06/25 21:57	10/07/25 14:50	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
2,4,6-Tribromophenol (Surr)	*68*		*18 - 137*	*10/06/25 21:57*	*10/07/25 14:50*	*1*
2-Fluorobiphenyl	*64*		*33 - 117*	*10/06/25 21:57*	*10/07/25 14:50*	*1*
2-Fluorophenol (Surr)	*63*		*24 - 120*	*10/06/25 21:57*	*10/07/25 14:50*	*1*
Nitrobenzene-d5 (Surr)	*57*		*27 - 120*	*10/06/25 21:57*	*10/07/25 14:50*	*1*
Phenol-d5 (Surr)	*60*		*28 - 118*	*10/06/25 21:57*	*10/07/25 14:50*	*1*
Terphenyl-d14 (Surr)	*67*		*33 - 124*	*10/06/25 21:57*	*10/07/25 14:50*	*1*

Method: SW846 8081B - Organochlorine Pesticides (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
4,4'-DDD	0.0072	U	0.0072	0.0012	mg/Kg	☼	10/06/25 10:37	10/07/25 11:04	1
4,4'-DDE	0.0072	U	0.0072	0.00085	mg/Kg	☼	10/06/25 10:37	10/07/25 11:04	1
4,4'-DDT	0.0072	U	0.0072	0.0013	mg/Kg	☼	10/06/25 10:37	10/07/25 11:04	1
Aldrin	0.0072	U	0.0072	0.0011	mg/Kg	☼	10/06/25 10:37	10/07/25 11:04	1
alpha-BHC	0.0022	U	0.0022	0.00073	mg/Kg	☼	10/06/25 10:37	10/07/25 11:04	1
beta-BHC	0.0022	U	0.0022	0.00081	mg/Kg	☼	10/06/25 10:37	10/07/25 11:04	1
Chlordane (technical)	0.072	U	0.072	0.017	mg/Kg	☼	10/06/25 10:37	10/07/25 11:04	1
cis-Chlordane	0.0072	U	0.0072	0.0011	mg/Kg	☼	10/06/25 10:37	10/07/25 11:04	1
delta-BHC	0.0022	U	0.0022	0.00044	mg/Kg	☼	10/06/25 10:37	10/07/25 11:04	1
Dieldrin	0.0022	U	0.0022	0.00094	mg/Kg	☼	10/06/25 10:37	10/07/25 11:04	1
Endosulfan I	0.0072	U	0.0072	0.0011	mg/Kg	☼	10/06/25 10:37	10/07/25 11:04	1
Endosulfan II	0.0072	U	0.0072	0.0019	mg/Kg	☼	10/06/25 10:37	10/07/25 11:04	1
Endosulfan sulfate	0.0072	U	0.0072	0.00090	mg/Kg	☼	10/06/25 10:37	10/07/25 11:04	1
Endrin	0.0072	U	0.0072	0.0010	mg/Kg	☼	10/06/25 10:37	10/07/25 11:04	1
Endrin aldehyde	0.0072	U	0.0072	0.0017	mg/Kg	☼	10/06/25 10:37	10/07/25 11:04	1
Endrin ketone	0.0072	U	0.0072	0.0014	mg/Kg	☼	10/06/25 10:37	10/07/25 11:04	1
gamma-BHC (Lindane)	0.0022	U	0.0022	0.00067	mg/Kg	☼	10/06/25 10:37	10/07/25 11:04	1
Heptachlor	0.0072	U	0.0072	0.00085	mg/Kg	☼	10/06/25 10:37	10/07/25 11:04	1
Heptachlor epoxide	0.0072	U	0.0072	0.0011	mg/Kg	☼	10/06/25 10:37	10/07/25 11:04	1

Client Sample ID: 1F_7-14
Date Collected: 10/03/25 09:15
Date Received: 10/03/25 16:15

Lab Sample ID: 460-336467-16
Matrix: Solid
Percent Solids: 92.2

Method: SW846 8081B - Organochlorine Pesticides (GC) (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Methoxychlor	0.0072	U	0.0072	0.0016	mg/Kg	☼	10/06/25 10:37	10/07/25 11:04	1
Toxaphene	0.072	U	0.072	0.026	mg/Kg	☼	10/06/25 10:37	10/07/25 11:04	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
DCB Decachlorobiphenyl	*50*		*10 - 150*	*10/06/25 10:37*	*10/07/25 11:04*	*1*
DCB Decachlorobiphenyl	*53*		*10 - 150*	*10/06/25 10:37*	*10/07/25 11:04*	*1*
Tetrachloro-m-xylene	*72*		*14 - 150*	*10/06/25 10:37*	*10/07/25 11:04*	*1*
Tetrachloro-m-xylene	*74*		*14 - 150*	*10/06/25 10:37*	*10/07/25 11:04*	*1*

Method: SW846 8082A - Polychlorinated Biphenyls (PCBs) by Gas Chromatography

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Aroclor 1016	0.072	U	0.072	0.019	mg/Kg	☼	10/06/25 10:33	10/08/25 00:10	1
Aroclor 1221	0.072	U	0.072	0.019	mg/Kg	☼	10/06/25 10:33	10/08/25 00:10	1
Aroclor 1232	0.072	U	0.072	0.019	mg/Kg	☼	10/06/25 10:33	10/08/25 00:10	1
Aroclor 1242	0.072	U	0.072	0.019	mg/Kg	☼	10/06/25 10:33	10/08/25 00:10	1
Aroclor 1248	0.072	U	0.072	0.019	mg/Kg	☼	10/06/25 10:33	10/08/25 00:10	1
Aroclor 1254	0.072	U	0.072	0.019	mg/Kg	☼	10/06/25 10:33	10/08/25 00:10	1
Aroclor 1260	0.072	U	0.072	0.019	mg/Kg	☼	10/06/25 10:33	10/08/25 00:10	1
Aroclor-1262	0.072	U	0.072	0.019	mg/Kg	☼	10/06/25 10:33	10/08/25 00:10	1
Aroclor 1268	0.072	U	0.072	0.019	mg/Kg	☼	10/06/25 10:33	10/08/25 00:10	1
Polychlorinated biphenyls, Total	0.072	U	0.072	0.019	mg/Kg	☼	10/06/25 10:33	10/08/25 00:10	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
DCB Decachlorobiphenyl	*72*		*10 - 150*	*10/06/25 10:33*	*10/08/25 00:10*	*1*
DCB Decachlorobiphenyl	*73*		*10 - 150*	*10/06/25 10:33*	*10/08/25 00:10*	*1*
Tetrachloro-m-xylene	*137*		*10 - 150*	*10/06/25 10:33*	*10/08/25 00:10*	*1*
Tetrachloro-m-xylene	*142*		*10 - 150*	*10/06/25 10:33*	*10/08/25 00:10*	*1*

Method: EPA 1633A - Per- and Polyfluoroalkyl Substances by LC/MS/MS, 1633A

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Perfluorobutanoic acid (PFBA)	0.40	U	0.40	0.099	ug/Kg	☼	10/08/25 14:13	10/09/25 05:37	1
Perfluoropentanoic acid (PFPeA)	0.20	U	0.20	0.099	ug/Kg	☼	10/08/25 14:13	10/09/25 05:37	1
Perfluorohexanoic acid (PFHxA)	0.20	U	0.20	0.099	ug/Kg	☼	10/08/25 14:13	10/09/25 05:37	1
Perfluoroheptanoic acid (PFHpA)	0.20	U	0.20	0.099	ug/Kg	☼	10/08/25 14:13	10/09/25 05:37	1
Perfluorooctanoic acid (PFOA)	**0.080**	**J**	0.20	0.059	ug/Kg	☼	10/08/25 14:13	10/09/25 05:37	1
Perfluorononanoic acid (PFNA)	0.20	U	0.20	0.099	ug/Kg	☼	10/08/25 14:13	10/09/25 05:37	1
Perfluorodecanoic acid (PFDA)	0.20	U	0.20	0.059	ug/Kg	☼	10/08/25 14:13	10/09/25 05:37	1
Perfluoroundecanoic acid (PFUnA)	**1.37**		0.20	0.099	ug/Kg	☼	10/08/25 14:13	10/09/25 05:37	1
Perfluorododecanoic acid (PFDoA)	0.20	U	0.20	0.099	ug/Kg	☼	10/08/25 14:13	10/09/25 05:37	1
Perfluorotridecanoic acid (PFTrDA)	**0.35**		0.20	0.099	ug/Kg	☼	10/08/25 14:13	10/09/25 05:37	1
Perfluorotetradecanoic acid (PFTeDA)	0.20	U	0.20	0.099	ug/Kg	☼	10/08/25 14:13	10/09/25 05:37	1
Perfluorobutanesulfonic acid (PFBS)	0.20	U	0.20	0.099	ug/Kg	☼	10/08/25 14:13	10/09/25 05:37	1
Perfluoropentanesulfonic acid (PFPeS)	0.20	U	0.20	0.099	ug/Kg	☼	10/08/25 14:13	10/09/25 05:37	1
Perfluorohexanesulfonic acid (PFHxS)	0.20	U	0.20	0.099	ug/Kg	☼	10/08/25 14:13	10/09/25 05:37	1
Perfluoroheptanesulfonic acid (PFHpS)	0.20	U	0.20	0.099	ug/Kg	☼	10/08/25 14:13	10/09/25 05:37	1
Perfluorooctanesulfonic acid (PFOS)	0.20	U	0.20	0.099	ug/Kg	☼	10/08/25 14:13	10/09/25 05:37	1
Perfluorononanesulfonic acid (PFNS)	0.20	U	0.20	0.099	ug/Kg	☼	10/08/25 14:13	10/09/25 05:37	1

Client Sample ID: 1F_7-14
Date Collected: 10/03/25 09:15
Date Received: 10/03/25 16:15

Lab Sample ID: 460-336467-16
Matrix: Solid
Percent Solids: 92.2

Method: EPA 1633A - Per- and Polyfluoroalkyl Substances by LC/MS/MS, 1633A (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Perfluorodecanesulfonic acid (PFDS)	0.20	U	0.20	0.099	ug/Kg	☼	10/08/25 14:13	10/09/25 05:37	1
Perfluorododecanesulfonic acid (PFDoS)	0.20	U	0.20	0.099	ug/Kg	☼	10/08/25 14:13	10/09/25 05:37	1
1H,1H,2H,2H-Perfluorohexane sulfonic acid (4:2 FTS)	0.40	U	0.40	0.20	ug/Kg	☼	10/08/25 14:13	10/09/25 05:37	1
1H,1H,2H,2H-Perfluorooctane sulfonic acid (6:2 FTS)	0.40	U	0.40	0.20	ug/Kg	☼	10/08/25 14:13	10/09/25 05:37	1
1H,1H,2H,2H-Perfluorodecane sulfonic acid (8:2 FTS)	0.40	U	0.40	0.20	ug/Kg	☼	10/08/25 14:13	10/09/25 05:37	1
Perfluorooctanesulfonamide (PFOSA)	0.20	U	0.20	0.099	ug/Kg	☼	10/08/25 14:13	10/09/25 05:37	1
N-methylperfluorooctane sulfonamide (NMeFOSA)	0.20	U	0.20	0.099	ug/Kg	☼	10/08/25 14:13	10/09/25 05:37	1
N-ethylperfluorooctane sulfonamide (NEtFOSA)	0.20	U	0.20	0.099	ug/Kg	☼	10/08/25 14:13	10/09/25 05:37	1
N-methylperfluorooctanesulfonamidoacetic acid (NMeFOSAA)	0.20	U	0.20	0.099	ug/Kg	☼	10/08/25 14:13	10/09/25 05:37	1
N-ethylperfluorooctanesulfonamidoacetic acid (NEtFOSAA)	0.20	U	0.20	0.099	ug/Kg	☼	10/08/25 14:13	10/09/25 05:37	1
N-methylperfluorooctane sulfonamidoethanol (NMeFOSE)	0.99	U	0.99	0.50	ug/Kg	☼	10/08/25 14:13	10/09/25 05:37	1
N-ethylperfluorooctane sulfonamidoethanol (NEtFOSE)	0.99	U	0.99	0.50	ug/Kg	☼	10/08/25 14:13	10/09/25 05:37	1
Hexafluoropropylene Oxide Dimer Acid (HFPO-DA)	0.20	U	0.20	0.099	ug/Kg	☼	10/08/25 14:13	10/09/25 05:37	1
4,8-Dioxa-3H-perfluorononanoic acid (ADONA)	0.20	U	0.20	0.099	ug/Kg	☼	10/08/25 14:13	10/09/25 05:37	1
Perfluoro-3-methoxypropanoic acid (PFMPA)	0.20	U	0.20	0.099	ug/Kg	☼	10/08/25 14:13	10/09/25 05:37	1
Perfluoro-4-methoxybutanoic acid (PFMBA)	0.20	U	0.20	0.099	ug/Kg	☼	10/08/25 14:13	10/09/25 05:37	1
Nonafluoro-3,6-dioxaheptanoic acid (NFDHA)	0.20	U	0.20	0.099	ug/Kg	☼	10/08/25 14:13	10/09/25 05:37	1
9-Chlorohexadecafluoro-3-oxanonane-1-sulfonic acid (9Cl-PF3ONS)	0.20	U	0.20	0.099	ug/Kg	☼	10/08/25 14:13	10/09/25 05:37	1
11-Chloroeicosafluoro-3-oxaundecane-1-sulfonic acid (11Cl-PF3OUdS)	0.20	U	0.20	0.099	ug/Kg	☼	10/08/25 14:13	10/09/25 05:37	1
Perfluoro (2-ethoxyethane) sulfonic acid (PFEESA)	0.20	U	0.20	0.099	ug/Kg	☼	10/08/25 14:13	10/09/25 05:37	1
3-Perfluoropropylpropanoic acid (3:3 FTCA)	0.40	U	0.40	0.20	ug/Kg	☼	10/08/25 14:13	10/09/25 05:37	1
3-Perfluoropentylpropanoic acid (5:3 FTCA)	0.99	U	0.99	0.50	ug/Kg	☼	10/08/25 14:13	10/09/25 05:37	1
3-Perfluoroheptylpropanoic acid (7:3 FTCA)	0.99	U	0.99	0.50	ug/Kg	☼	10/08/25 14:13	10/09/25 05:37	1

Isotope Dilution	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
13C4 PFBA	*104*		*8 - 130*	*10/08/25 14:13*	*10/09/25 05:37*	*1*
13C5 PFPeA	*91.3*		*35 - 130*	*10/08/25 14:13*	*10/09/25 05:37*	*1*
13C5 PFHxA	*86.9*		*40 - 130*	*10/08/25 14:13*	*10/09/25 05:37*	*1*
13C4 PFHpA	*92.5*		*40 - 130*	*10/08/25 14:13*	*10/09/25 05:37*	*1*
13C8 PFOA	*93.6*		*40 - 130*	*10/08/25 14:13*	*10/09/25 05:37*	*1*
13C9 PFNA	*87.3*		*40 - 130*	*10/08/25 14:13*	*10/09/25 05:37*	*1*
13C6 PFDA	*79.4*		*40 - 130*	*10/08/25 14:13*	*10/09/25 05:37*	*1*
13C7 PFUnA	*78.0*		*40 - 130*	*10/08/25 14:13*	*10/09/25 05:37*	*1*
13C2 PFTeDA	*45.4*		*20 - 130*	*10/08/25 14:13*	*10/09/25 05:37*	*1*

Client Sample ID: 1F_7-14

Date Collected: 10/03/25 09:15
Date Received: 10/03/25 16:15

Lab Sample ID: 460-336467-16

Matrix: Solid
Percent Solids: 92.2

Method: EPA 1633A - Per- and Polyfluoroalkyl Substances by LC/MS/MS, 1633A (Continued)

Isotope Dilution	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
13C3 PFBS	99.8		40 - 135	10/08/25 14:13	10/09/25 05:37	1
13C3 PFHxS	87.4		40 - 130	10/08/25 14:13	10/09/25 05:37	1
13C8 PFOS	72.2		40 - 130	10/08/25 14:13	10/09/25 05:37	1
13C8 FOSA	68.2		40 - 130	10/08/25 14:13	10/09/25 05:37	1
d3-NMeFOSAA	54.8		40 - 135	10/08/25 14:13	10/09/25 05:37	1
d5-NEtFOSAA	66.9		40 - 150	10/08/25 14:13	10/09/25 05:37	1
13C2 4:2 FTS	91.7		40 - 165	10/08/25 14:13	10/09/25 05:37	1
13C2 6:2 FTS	76.6		40 - 215	10/08/25 14:13	10/09/25 05:37	1
13C2 8:2 FTS	58.7		40 - 275	10/08/25 14:13	10/09/25 05:37	1
13C3 HFPO-DA	90.8		40 - 130	10/08/25 14:13	10/09/25 05:37	1
d7-N-MeFOSE-M	37.3		20 - 130	10/08/25 14:13	10/09/25 05:37	1
d9-N-EtFOSE-M	30.4		15 - 130	10/08/25 14:13	10/09/25 05:37	1
d5-NEtPFOSA	47.3		10 - 130	10/08/25 14:13	10/09/25 05:37	1
d3-NMePFOSA	52.8		10 - 130	10/08/25 14:13	10/09/25 05:37	1
13C2 PFDoA	74.5		40 - 130	10/08/25 14:13	10/09/25 05:37	1

Method: SW846 6020B - Metals (ICP/MS)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Aluminum	5060		19.4	5.3	mg/Kg	☼	10/09/25 07:08	10/09/25 17:47	1
Antimony	0.70	J	0.97	0.14	mg/Kg	☼	10/09/25 07:08	10/09/25 17:47	1
Arsenic	7.2		0.97	0.10	mg/Kg	☼	10/09/25 07:08	10/09/25 17:47	1
Barium	28.7		1.9	0.14	mg/Kg	☼	10/09/25 07:08	10/09/25 17:47	1
Beryllium	0.39		0.39	0.021	mg/Kg	☼	10/09/25 07:08	10/09/25 17:47	1
Cadmium	0.96	J	0.97	0.11	mg/Kg	☼	10/09/25 07:08	10/09/25 17:47	1
Calcium	702		96.8	9.4	mg/Kg	☼	10/09/25 07:08	10/09/25 17:47	1
Chromium	12.2		1.9	0.29	mg/Kg	☼	10/09/25 07:08	10/09/25 17:47	1
Cobalt	4.5		0.97	0.14	mg/Kg	☼	10/09/25 07:08	10/09/25 17:47	1
Copper	29.5		1.9	0.36	mg/Kg	☼	10/09/25 07:08	10/09/25 17:47	1
Iron	16400		58.1	7.4	mg/Kg	☼	10/09/25 07:08	10/09/25 17:47	1
Lead	39.7		0.58	0.19	mg/Kg	☼	10/09/25 07:08	10/09/25 17:47	1
Magnesium	1450		96.8	9.9	mg/Kg	☼	10/09/25 07:08	10/09/25 17:47	1
Manganese	149		3.9	0.39	mg/Kg	☼	10/09/25 07:08	10/09/25 17:47	1
Nickel	9.9		1.9	0.17	mg/Kg	☼	10/09/25 07:08	10/09/25 17:47	1
Potassium	794		96.8	15.7	mg/Kg	☼	10/09/25 07:08	10/09/25 17:47	1
Selenium	0.24	J	1.2	0.12	mg/Kg	☼	10/09/25 07:08	10/09/25 17:47	1
Silver	0.18	J	0.39	0.086	mg/Kg	☼	10/09/25 07:08	10/09/25 17:47	1
Sodium	96.8	U	96.8	44.2	mg/Kg	☼	10/09/25 07:08	10/09/25 17:47	1
Thallium	0.047	J	0.39	0.040	mg/Kg	☼	10/09/25 07:08	10/09/25 17:47	1
Vanadium	21.2		1.9	0.20	mg/Kg	☼	10/09/25 07:08	10/09/25 17:47	1
Zinc	82.1		7.7	1.1	mg/Kg	☼	10/09/25 07:08	10/09/25 17:47	1

Method: SW846 7471B - Mercury (CVAA)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	0.022		0.018	0.0084	mg/Kg	☼	10/13/25 07:47	10/13/25 15:37	1

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Percent Moisture (EPA Moisture)	7.8		1.0	1.0	%			10/07/25 16:17	1
Percent Solids (EPA Moisture)	92.2		1.0	1.0	%			10/07/25 16:17	1

Client Sample ID: 1G_0-7
Date Collected: 10/03/25 09:20
Date Received: 10/03/25 16:15

Lab Sample ID: 460-336467-17
Matrix: Solid
Percent Solids: 95.7

Method: SW846 8270E - Semivolatile Organic Compounds (GC/MS)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1'-Biphenyl	0.34	U	0.34	0.012	mg/Kg	☼	10/06/25 21:57	10/07/25 18:18	1
1,2,4,5-Tetrachlorobenzene	0.34	U	0.34	0.011	mg/Kg	☼	10/06/25 21:57	10/07/25 18:18	1
1,4-Dioxane	0.034	U	0.034	0.030	mg/Kg	☼	10/06/25 21:57	10/07/25 18:18	1
2,2'-oxybis[1-chloropropane]	0.34	U	0.34	0.021	mg/Kg	☼	10/06/25 21:57	10/07/25 18:18	1
2,3,4,6-Tetrachlorophenol	0.34	U	0.34	0.023	mg/Kg	☼	10/06/25 21:57	10/07/25 18:18	1
2,4,5-Trichlorophenol	0.34	U	0.34	0.035	mg/Kg	☼	10/06/25 21:57	10/07/25 18:18	1
2,4,6-Trichlorophenol	0.14	U	0.14	0.044	mg/Kg	☼	10/06/25 21:57	10/07/25 18:18	1
2,4-Dichlorophenol	0.14	U	0.14	0.022	mg/Kg	☼	10/06/25 21:57	10/07/25 18:18	1
2,4-Dimethylphenol	0.34	U	0.34	0.041	mg/Kg	☼	10/06/25 21:57	10/07/25 18:18	1
2,4-Dinitrophenol	0.28	U	0.28	0.17	mg/Kg	☼	10/06/25 21:57	10/07/25 18:18	1
2,4-Dinitrotoluene	0.070	U	0.070	0.037	mg/Kg	☼	10/06/25 21:57	10/07/25 18:18	1
2,6-Dinitrotoluene	0.070	U	0.070	0.025	mg/Kg	☼	10/06/25 21:57	10/07/25 18:18	1
2-Chloronaphthalene	0.34	U	0.34	0.044	mg/Kg	☼	10/06/25 21:57	10/07/25 18:18	1
2-Chlorophenol	0.34	U	0.34	0.012	mg/Kg	☼	10/06/25 21:57	10/07/25 18:18	1
2-Methylnaphthalene	0.34	U	0.34	0.0097	mg/Kg	☼	10/06/25 21:57	10/07/25 18:18	1
2-Methylphenol	0.34	U	0.34	0.013	mg/Kg	☼	10/06/25 21:57	10/07/25 18:18	1
2-Nitroaniline	0.34	U	0.34	0.026	mg/Kg	☼	10/06/25 21:57	10/07/25 18:18	1
2-Nitrophenol	0.34	U	0.34	0.035	mg/Kg	☼	10/06/25 21:57	10/07/25 18:18	1
3 & 4 Methylphenol	0.34	U	0.34	0.022	mg/Kg	☼	10/06/25 21:57	10/07/25 18:18	1
3,3'-Dichlorobenzidine	0.14	U	0.14	0.052	mg/Kg	☼	10/06/25 21:57	10/07/25 18:18	1
3-Nitroaniline	0.34	U	0.34	0.082	mg/Kg	☼	10/06/25 21:57	10/07/25 18:18	1
4,6-Dinitro-2-methylphenol	0.28	U	0.28	0.14	mg/Kg	☼	10/06/25 21:57	10/07/25 18:18	1
4-Bromophenyl phenyl ether	0.34	U	0.34	0.014	mg/Kg	☼	10/06/25 21:57	10/07/25 18:18	1
4-Chloro-3-methylphenol	0.34	U	0.34	0.019	mg/Kg	☼	10/06/25 21:57	10/07/25 18:18	1
4-Chloroaniline	0.34	U	0.34	0.061	mg/Kg	☼	10/06/25 21:57	10/07/25 18:18	1
4-Chlorophenyl phenyl ether	0.34	U	0.34	0.012	mg/Kg	☼	10/06/25 21:57	10/07/25 18:18	1
4-Methylphenol	0.34	U	0.34	0.022	mg/Kg	☼	10/06/25 21:57	10/07/25 18:18	1
4-Nitroaniline	0.34	U	0.34	0.088	mg/Kg	☼	10/06/25 21:57	10/07/25 18:18	1
4-Nitrophenol	0.70	U	0.70	0.056	mg/Kg	☼	10/06/25 21:57	10/07/25 18:18	1
Acenaphthene	0.34	U	0.34	0.0098	mg/Kg	☼	10/06/25 21:57	10/07/25 18:18	1
Acenaphthylene	0.34	U	0.34	0.0099	mg/Kg	☼	10/06/25 21:57	10/07/25 18:18	1
Acetophenone	0.34	U	0.34	0.017	mg/Kg	☼	10/06/25 21:57	10/07/25 18:18	1
Anthracene	0.34	U	0.34	0.011	mg/Kg	☼	10/06/25 21:57	10/07/25 18:18	1
Atrazine	0.14	U	0.14	0.020	mg/Kg	☼	10/06/25 21:57	10/07/25 18:18	1
Benzaldehyde	0.34	U	0.34	0.057	mg/Kg	☼	10/06/25 21:57	10/07/25 18:18	1
Benzo[a]anthracene	0.034	U	0.034	0.026	mg/Kg	☼	10/06/25 21:57	10/07/25 18:18	1
Benzo[a]pyrene	0.034	U	0.034	0.0092	mg/Kg	☼	10/06/25 21:57	10/07/25 18:18	1
Benzo[b]fluoranthene	0.034	U	0.034	0.0089	mg/Kg	☼	10/06/25 21:57	10/07/25 18:18	1
Benzo[g,h,i]perylene	0.34	U	0.34	0.010	mg/Kg	☼	10/06/25 21:57	10/07/25 18:18	1
Benzo[k]fluoranthene	0.034	U	0.034	0.0068	mg/Kg	☼	10/06/25 21:57	10/07/25 18:18	1
Bis(2-chloroethoxy)methane	0.34	U	0.34	0.064	mg/Kg	☼	10/06/25 21:57	10/07/25 18:18	1
Bis(2-chloroethyl)ether	0.034	U	0.034	0.012	mg/Kg	☼	10/06/25 21:57	10/07/25 18:18	1
Bis(2-ethylhexyl) phthalate	0.34	U	0.34	0.018	mg/Kg	☼	10/06/25 21:57	10/07/25 18:18	1
Butyl benzyl phthalate	0.34	U	0.34	0.016	mg/Kg	☼	10/06/25 21:57	10/07/25 18:18	1
Caprolactam	0.34	U	0.34	0.054	mg/Kg	☼	10/06/25 21:57	10/07/25 18:18	1
Carbazole	0.34	U	0.34	0.013	mg/Kg	☼	10/06/25 21:57	10/07/25 18:18	1
Chrysene	0.34	U	0.34	0.015	mg/Kg	☼	10/06/25 21:57	10/07/25 18:18	1
Dibenz(a,h)anthracene	0.034	U	0.034	0.015	mg/Kg	☼	10/06/25 21:57	10/07/25 18:18	1
Dibenzofuran	0.34	U	0.34	0.012	mg/Kg	☼	10/06/25 21:57	10/07/25 18:18	1

Client Sample ID: 1G_0-7
Date Collected: 10/03/25 09:20
Date Received: 10/03/25 16:15

Lab Sample ID: 460-336467-17
Matrix: Solid
Percent Solids: 95.7

Method: SW846 8270E - Semivolatile Organic Compounds (GC/MS) (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Diethyl phthalate	0.34	U	0.34	0.011	mg/Kg	☼	10/06/25 21:57	10/07/25 18:18	1
Dimethyl phthalate	0.34	U	0.34	0.079	mg/Kg	☼	10/06/25 21:57	10/07/25 18:18	1
Di-n-butyl phthalate	0.34	U	0.34	0.013	mg/Kg	☼	10/06/25 21:57	10/07/25 18:18	1
Di-n-octyl phthalate	0.34	U	0.34	0.018	mg/Kg	☼	10/06/25 21:57	10/07/25 18:18	1
Fluoranthene	0.34	U	0.34	0.012	mg/Kg	☼	10/06/25 21:57	10/07/25 18:18	1
Fluorene	0.34	U	0.34	0.010	mg/Kg	☼	10/06/25 21:57	10/07/25 18:18	1
Hexachlorobenzene	0.034	U	0.034	0.016	mg/Kg	☼	10/06/25 21:57	10/07/25 18:18	1
Hexachlorobutadiene	0.070	U	0.070	0.0074	mg/Kg	☼	10/06/25 21:57	10/07/25 18:18	1
Hexachlorocyclopentadiene	0.34	U	0.34	0.030	mg/Kg	☼	10/06/25 21:57	10/07/25 18:18	1
Hexachloroethane	0.034	U	0.034	0.012	mg/Kg	☼	10/06/25 21:57	10/07/25 18:18	1
Indeno[1,2,3-cd]pyrene	0.034	U	0.034	0.013	mg/Kg	☼	10/06/25 21:57	10/07/25 18:18	1
Isophorone	0.14	U	0.14	0.10	mg/Kg	☼	10/06/25 21:57	10/07/25 18:18	1
Naphthalene	0.34	U	0.34	0.0060	mg/Kg	☼	10/06/25 21:57	10/07/25 18:18	1
Nitrobenzene	0.034	U	0.034	0.019	mg/Kg	☼	10/06/25 21:57	10/07/25 18:18	1
N-Nitrosodi-n-propylamine	0.034	U	0.034	0.025	mg/Kg	☼	10/06/25 21:57	10/07/25 18:18	1
N-Nitrosodiphenylamine	0.34	U	0.34	0.028	mg/Kg	☼	10/06/25 21:57	10/07/25 18:18	1
Pentachlorophenol	0.28	U	0.28	0.071	mg/Kg	☼	10/06/25 21:57	10/07/25 18:18	1
Phenanthrene	0.34	U	0.34	0.014	mg/Kg	☼	10/06/25 21:57	10/07/25 18:18	1
Phenol	0.34	U	0.34	0.013	mg/Kg	☼	10/06/25 21:57	10/07/25 18:18	1
Pyrene	0.34	U	0.34	0.0086	mg/Kg	☼	10/06/25 21:57	10/07/25 18:18	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
2,4,6-Tribromophenol (Surr)	*66*		*18 - 137*	*10/06/25 21:57*	*10/07/25 18:18*	*1*
2-Fluorobiphenyl	*70*		*33 - 117*	*10/06/25 21:57*	*10/07/25 18:18*	*1*
2-Fluorophenol (Surr)	*69*		*24 - 120*	*10/06/25 21:57*	*10/07/25 18:18*	*1*
Nitrobenzene-d5 (Surr)	*62*		*27 - 120*	*10/06/25 21:57*	*10/07/25 18:18*	*1*
Phenol-d5 (Surr)	*65*		*28 - 118*	*10/06/25 21:57*	*10/07/25 18:18*	*1*
Terphenyl-d14 (Surr)	*76*		*33 - 124*	*10/06/25 21:57*	*10/07/25 18:18*	*1*

Method: SW846 8081B - Organochlorine Pesticides (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
4,4'-DDD	0.0070	U	0.0070	0.0012	mg/Kg	☼	10/06/25 10:37	10/07/25 11:17	1
4,4'-DDE	0.0070	U	0.0070	0.00082	mg/Kg	☼	10/06/25 10:37	10/07/25 11:17	1
4,4'-DDT	0.0070	U	0.0070	0.0013	mg/Kg	☼	10/06/25 10:37	10/07/25 11:17	1
Aldrin	0.0070	U	0.0070	0.0011	mg/Kg	☼	10/06/25 10:37	10/07/25 11:17	1
alpha-BHC	0.0021	U	0.0021	0.00071	mg/Kg	☼	10/06/25 10:37	10/07/25 11:17	1
beta-BHC	0.0021	U	0.0021	0.00078	mg/Kg	☼	10/06/25 10:37	10/07/25 11:17	1
Chlordane (technical)	0.070	U	0.070	0.017	mg/Kg	☼	10/06/25 10:37	10/07/25 11:17	1
cis-Chlordane	0.0070	U	0.0070	0.0011	mg/Kg	☼	10/06/25 10:37	10/07/25 11:17	1
delta-BHC	0.0021	U	0.0021	0.00043	mg/Kg	☼	10/06/25 10:37	10/07/25 11:17	1
Dieldrin	0.0021	U	0.0021	0.00091	mg/Kg	☼	10/06/25 10:37	10/07/25 11:17	1
Endosulfan I	0.0070	U	0.0070	0.0011	mg/Kg	☼	10/06/25 10:37	10/07/25 11:17	1
Endosulfan II	0.0070	U	0.0070	0.0018	mg/Kg	☼	10/06/25 10:37	10/07/25 11:17	1
Endosulfan sulfate	0.0070	U	0.0070	0.00087	mg/Kg	☼	10/06/25 10:37	10/07/25 11:17	1
Endrin	0.0070	U	0.0070	0.0010	mg/Kg	☼	10/06/25 10:37	10/07/25 11:17	1
Endrin aldehyde	0.0070	U	0.0070	0.0016	mg/Kg	☼	10/06/25 10:37	10/07/25 11:17	1
Endrin ketone	0.0070	U	0.0070	0.0014	mg/Kg	☼	10/06/25 10:37	10/07/25 11:17	1
gamma-BHC (Lindane)	0.0021	U	0.0021	0.00065	mg/Kg	☼	10/06/25 10:37	10/07/25 11:17	1
Heptachlor	0.0070	U	0.0070	0.00082	mg/Kg	☼	10/06/25 10:37	10/07/25 11:17	1
Heptachlor epoxide	0.0070	U	0.0070	0.0010	mg/Kg	☼	10/06/25 10:37	10/07/25 11:17	1

Client Sample ID: 1G_0-7
Date Collected: 10/03/25 09:20
Date Received: 10/03/25 16:15

Lab Sample ID: 460-336467-17
Matrix: Solid
Percent Solids: 95.7

Method: SW846 8081B - Organochlorine Pesticides (GC) (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Methoxychlor	0.0070	U	0.0070	0.0016	mg/Kg	☼	10/06/25 10:37	10/07/25 11:17	1
Toxaphene	0.070	U	0.070	0.025	mg/Kg	☼	10/06/25 10:37	10/07/25 11:17	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
DCB Decachlorobiphenyl	*47*		*10 - 150*	*10/06/25 10:37*	*10/07/25 11:17*	*1*
DCB Decachlorobiphenyl	*46*		*10 - 150*	*10/06/25 10:37*	*10/07/25 11:17*	*1*
Tetrachloro-m-xylene	*76*		*14 - 150*	*10/06/25 10:37*	*10/07/25 11:17*	*1*
Tetrachloro-m-xylene	*72*		*14 - 150*	*10/06/25 10:37*	*10/07/25 11:17*	*1*

Method: SW846 8082A - Polychlorinated Biphenyls (PCBs) by Gas Chromatography

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Aroclor 1016	0.070	U	0.070	0.019	mg/Kg	☼	10/06/25 10:33	10/08/25 00:27	1
Aroclor 1221	0.070	U	0.070	0.019	mg/Kg	☼	10/06/25 10:33	10/08/25 00:27	1
Aroclor 1232	0.070	U	0.070	0.019	mg/Kg	☼	10/06/25 10:33	10/08/25 00:27	1
Aroclor 1242	0.070	U	0.070	0.019	mg/Kg	☼	10/06/25 10:33	10/08/25 00:27	1
Aroclor 1248	0.070	U	0.070	0.019	mg/Kg	☼	10/06/25 10:33	10/08/25 00:27	1
Aroclor 1254	0.070	U	0.070	0.019	mg/Kg	☼	10/06/25 10:33	10/08/25 00:27	1
Aroclor 1260	0.070	U	0.070	0.019	mg/Kg	☼	10/06/25 10:33	10/08/25 00:27	1
Aroclor-1262	0.070	U	0.070	0.019	mg/Kg	☼	10/06/25 10:33	10/08/25 00:27	1
Aroclor 1268	0.070	U	0.070	0.019	mg/Kg	☼	10/06/25 10:33	10/08/25 00:27	1
Polychlorinated biphenyls, Total	0.070	U	0.070	0.019	mg/Kg	☼	10/06/25 10:33	10/08/25 00:27	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
DCB Decachlorobiphenyl	*71*		*10 - 150*	*10/06/25 10:33*	*10/08/25 00:27*	*1*
DCB Decachlorobiphenyl	*73*		*10 - 150*	*10/06/25 10:33*	*10/08/25 00:27*	*1*
Tetrachloro-m-xylene	*133*		*10 - 150*	*10/06/25 10:33*	*10/08/25 00:27*	*1*
Tetrachloro-m-xylene	*139*		*10 - 150*	*10/06/25 10:33*	*10/08/25 00:27*	*1*

Method: EPA 1633A - Per- and Polyfluoroalkyl Substances by LC/MS/MS, 1633A

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Perfluorobutanoic acid (PFBA)	0.39	U	0.39	0.097	ug/Kg	☼	10/08/25 14:13	10/09/25 05:51	1
Perfluoropentanoic acid (PFPeA)	0.19	U	0.19	0.097	ug/Kg	☼	10/08/25 14:13	10/09/25 05:51	1
Perfluorohexanoic acid (PFHxA)	0.19	U	0.19	0.097	ug/Kg	☼	10/08/25 14:13	10/09/25 05:51	1
Perfluoroheptanoic acid (PFHpA)	0.19	U	0.19	0.097	ug/Kg	☼	10/08/25 14:13	10/09/25 05:51	1
Perfluorooctanoic acid (PFOA)	0.19	U	0.19	0.058	ug/Kg	☼	10/08/25 14:13	10/09/25 05:51	1
Perfluorononanoic acid (PFNA)	0.19	U	0.19	0.097	ug/Kg	☼	10/08/25 14:13	10/09/25 05:51	1
Perfluorodecanoic acid (PFDA)	**0.18**	**J**	0.19	0.058	ug/Kg	☼	10/08/25 14:13	10/09/25 05:51	1
Perfluoroundecanoic acid (PFUnA)	**1.71**		0.19	0.097	ug/Kg	☼	10/08/25 14:13	10/09/25 05:51	1
Perfluorododecanoic acid (PFDoA)	0.19	U	0.19	0.097	ug/Kg	☼	10/08/25 14:13	10/09/25 05:51	1
Perfluorotridecanoic acid (PFTrDA)	**0.18**	**J**	0.19	0.097	ug/Kg	☼	10/08/25 14:13	10/09/25 05:51	1
Perfluorotetradecanoic acid (PFTeDA)	0.19	U	0.19	0.097	ug/Kg	☼	10/08/25 14:13	10/09/25 05:51	1
Perfluorobutanesulfonic acid (PFBS)	0.19	U	0.19	0.097	ug/Kg	☼	10/08/25 14:13	10/09/25 05:51	1
Perfluoropentanesulfonic acid (PFPeS)	0.19	U	0.19	0.097	ug/Kg	☼	10/08/25 14:13	10/09/25 05:51	1
Perfluorohexanesulfonic acid (PFHxS)	0.19	U	0.19	0.097	ug/Kg	☼	10/08/25 14:13	10/09/25 05:51	1
Perfluoroheptanesulfonic acid (PFHpS)	0.19	U	0.19	0.097	ug/Kg	☼	10/08/25 14:13	10/09/25 05:51	1
Perfluorooctanesulfonic acid (PFOS)	0.19	U	0.19	0.097	ug/Kg	☼	10/08/25 14:13	10/09/25 05:51	1
Perfluorononanesulfonic acid (PFNS)	0.19	U	0.19	0.097	ug/Kg	☼	10/08/25 14:13	10/09/25 05:51	1

Client Sample ID: 1G_0-7
Date Collected: 10/03/25 09:20
Date Received: 10/03/25 16:15

Lab Sample ID: 460-336467-17
Matrix: Solid
Percent Solids: 95.7

Method: EPA 1633A - Per- and Polyfluoroalkyl Substances by LC/MS/MS, 1633A (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Perfluorodecanesulfonic acid (PFDS)	0.19	U	0.19	0.097	ug/Kg	☼	10/08/25 14:13	10/09/25 05:51	1
Perfluorododecanesulfonic acid (PFDoS)	0.19	U	0.19	0.097	ug/Kg	☼	10/08/25 14:13	10/09/25 05:51	1
1H,1H,2H,2H-Perfluorohexane sulfonic acid (4:2 FTS)	0.39	U	0.39	0.19	ug/Kg	☼	10/08/25 14:13	10/09/25 05:51	1
1H,1H,2H,2H-Perfluorooctane sulfonic acid (6:2 FTS)	0.39	U	0.39	0.19	ug/Kg	☼	10/08/25 14:13	10/09/25 05:51	1
1H,1H,2H,2H-Perfluorodecane sulfonic acid (8:2 FTS)	0.39	U	0.39	0.19	ug/Kg	☼	10/08/25 14:13	10/09/25 05:51	1
Perfluorooctanesulfonamide (PFOSA)	0.19	U	0.19	0.097	ug/Kg	☼	10/08/25 14:13	10/09/25 05:51	1
N-methylperfluorooctane sulfonamide (NMeFOSA)	0.19	U	0.19	0.097	ug/Kg	☼	10/08/25 14:13	10/09/25 05:51	1
N-ethylperfluorooctane sulfonamide (NEtFOSA)	0.19	U	0.19	0.097	ug/Kg	☼	10/08/25 14:13	10/09/25 05:51	1
N-methylperfluorooctanesulfonamidoacetic acid (NMeFOSAA)	0.19	U	0.19	0.097	ug/Kg	☼	10/08/25 14:13	10/09/25 05:51	1
N-ethylperfluorooctanesulfonamidoacetic acid (NEtFOSAA)	0.19	U	0.19	0.097	ug/Kg	☼	10/08/25 14:13	10/09/25 05:51	1
N-methylperfluorooctane sulfonamidoethanol (NMeFOSE)	0.97	U	0.97	0.48	ug/Kg	☼	10/08/25 14:13	10/09/25 05:51	1
N-ethylperfluorooctane sulfonamidoethanol (NEtFOSE)	0.97	U	0.97	0.48	ug/Kg	☼	10/08/25 14:13	10/09/25 05:51	1
Hexafluoropropylene Oxide Dimer Acid (HFPO-DA)	0.19	U	0.19	0.097	ug/Kg	☼	10/08/25 14:13	10/09/25 05:51	1
4,8-Dioxa-3H-perfluorononanoic acid (ADONA)	0.19	U	0.19	0.097	ug/Kg	☼	10/08/25 14:13	10/09/25 05:51	1
Perfluoro-3-methoxypropanoic acid (PFMPA)	0.19	U	0.19	0.097	ug/Kg	☼	10/08/25 14:13	10/09/25 05:51	1
Perfluoro-4-methoxybutanoic acid (PFMBA)	0.19	U	0.19	0.097	ug/Kg	☼	10/08/25 14:13	10/09/25 05:51	1
Nonafluoro-3,6-dioxaheptanoic acid (NFDHA)	0.19	U	0.19	0.097	ug/Kg	☼	10/08/25 14:13	10/09/25 05:51	1
9-Chlorohexadecafluoro-3-oxanonane-1-sulfonic acid (9Cl-PF3ONS)	0.19	U	0.19	0.097	ug/Kg	☼	10/08/25 14:13	10/09/25 05:51	1
11-Chloroeicosafluoro-3-oxaundecane-1-sulfonic acid (11Cl-PF3OUdS)	0.19	U	0.19	0.097	ug/Kg	☼	10/08/25 14:13	10/09/25 05:51	1
Perfluoro (2-ethoxyethane) sulfonic acid (PFEESA)	0.19	U	0.19	0.097	ug/Kg	☼	10/08/25 14:13	10/09/25 05:51	1
3-Perfluoropropylpropanoic acid (3:3 FTCA)	0.39	U	0.39	0.19	ug/Kg	☼	10/08/25 14:13	10/09/25 05:51	1
3-Perfluoropentylpropanoic acid (5:3 FTCA)	0.97	U	0.97	0.48	ug/Kg	☼	10/08/25 14:13	10/09/25 05:51	1
3-Perfluoroheptylpropanoic acid (7:3 FTCA)	0.97	U	0.97	0.48	ug/Kg	☼	10/08/25 14:13	10/09/25 05:51	1

Isotope Dilution	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
13C4 PFBA	*93.8*		*8 - 130*	*10/08/25 14:13*	*10/09/25 05:51*	*1*
13C5 PFPeA	*86.1*		*35 - 130*	*10/08/25 14:13*	*10/09/25 05:51*	*1*
13C5 PFHxA	*84.5*		*40 - 130*	*10/08/25 14:13*	*10/09/25 05:51*	*1*
13C4 PFHpA	*90.5*		*40 - 130*	*10/08/25 14:13*	*10/09/25 05:51*	*1*
13C8 PFOA	*89.1*		*40 - 130*	*10/08/25 14:13*	*10/09/25 05:51*	*1*
13C9 PFNA	*92.6*		*40 - 130*	*10/08/25 14:13*	*10/09/25 05:51*	*1*
13C6 PFDA	*81.1*		*40 - 130*	*10/08/25 14:13*	*10/09/25 05:51*	*1*
13C7 PFUnA	*85.2*		*40 - 130*	*10/08/25 14:13*	*10/09/25 05:51*	*1*
13C2 PFTeDA	*68.6*		*20 - 130*	*10/08/25 14:13*	*10/09/25 05:51*	*1*

Client Sample ID: 1G_0-7
Date Collected: 10/03/25 09:20
Date Received: 10/03/25 16:15

Lab Sample ID: 460-336467-17
Matrix: Solid
Percent Solids: 95.7

Method: EPA 1633A - Per- and Polyfluoroalkyl Substances by LC/MS/MS, 1633A (Continued)

Isotope Dilution	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
13C3 PFBS	90.0		40 - 135	10/08/25 14:13	10/09/25 05:51	1
13C3 PFHxS	85.8		40 - 130	10/08/25 14:13	10/09/25 05:51	1
13C8 PFOS	79.7		40 - 130	10/08/25 14:13	10/09/25 05:51	1
13C8 FOSA	71.2		40 - 130	10/08/25 14:13	10/09/25 05:51	1
d3-NMeFOSAA	58.3		40 - 135	10/08/25 14:13	10/09/25 05:51	1
d5-NEtFOSAA	75.4		40 - 150	10/08/25 14:13	10/09/25 05:51	1
13C2 4:2 FTS	99.2		40 - 165	10/08/25 14:13	10/09/25 05:51	1
13C2 6:2 FTS	80.7		40 - 215	10/08/25 14:13	10/09/25 05:51	1
13C2 8:2 FTS	74.1		40 - 275	10/08/25 14:13	10/09/25 05:51	1
13C3 HFPO-DA	85.8		40 - 130	10/08/25 14:13	10/09/25 05:51	1
d7-N-MeFOSE-M	48.0		20 - 130	10/08/25 14:13	10/09/25 05:51	1
d9-N-EtFOSE-M	44.7		15 - 130	10/08/25 14:13	10/09/25 05:51	1
d5-NEtPFOSA	56.7		10 - 130	10/08/25 14:13	10/09/25 05:51	1
d3-NMePFOSA	59.7		10 - 130	10/08/25 14:13	10/09/25 05:51	1
13C2 PFDoA	80.8		40 - 130	10/08/25 14:13	10/09/25 05:51	1

Method: SW846 6020B - Metals (ICP/MS)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Aluminum	2640		18.7	5.1	mg/Kg	☼	10/09/25 07:08	10/09/25 17:50	1
Antimony	1.1		0.93	0.14	mg/Kg	☼	10/09/25 07:08	10/09/25 17:50	1
Arsenic	9.0		0.93	0.096	mg/Kg	☼	10/09/25 07:08	10/09/25 17:50	1
Barium	24.1		1.9	0.14	mg/Kg	☼	10/09/25 07:08	10/09/25 17:50	1
Beryllium	0.30	J	0.37	0.021	mg/Kg	☼	10/09/25 07:08	10/09/25 17:50	1
Cadmium	0.26	J	0.93	0.11	mg/Kg	☼	10/09/25 07:08	10/09/25 17:50	1
Calcium	20400		93.3	9.1	mg/Kg	☼	10/09/25 07:08	10/09/25 17:50	1
Chromium	7.0		1.9	0.28	mg/Kg	☼	10/09/25 07:08	10/09/25 17:50	1
Cobalt	3.0		0.93	0.14	mg/Kg	☼	10/09/25 07:08	10/09/25 17:50	1
Copper	41.8		1.9	0.34	mg/Kg	☼	10/09/25 07:08	10/09/25 17:50	1
Iron	10800		56.0	7.1	mg/Kg	☼	10/09/25 07:08	10/09/25 17:50	1
Lead	48.1		0.56	0.19	mg/Kg	☼	10/09/25 07:08	10/09/25 17:50	1
Magnesium	11700		93.3	9.5	mg/Kg	☼	10/09/25 07:08	10/09/25 17:50	1
Manganese	165		3.7	0.38	mg/Kg	☼	10/09/25 07:08	10/09/25 17:50	1
Nickel	6.0		1.9	0.17	mg/Kg	☼	10/09/25 07:08	10/09/25 17:50	1
Potassium	474		93.3	15.1	mg/Kg	☼	10/09/25 07:08	10/09/25 17:50	1
Selenium	0.23	J	1.2	0.12	mg/Kg	☼	10/09/25 07:08	10/09/25 17:50	1
Silver	0.32	J	0.37	0.083	mg/Kg	☼	10/09/25 07:08	10/09/25 17:50	1
Sodium	93.3	U	93.3	42.6	mg/Kg	☼	10/09/25 07:08	10/09/25 17:50	1
Thallium	0.046	J	0.37	0.038	mg/Kg	☼	10/09/25 07:08	10/09/25 17:50	1
Vanadium	16.0		1.9	0.19	mg/Kg	☼	10/09/25 07:08	10/09/25 17:50	1
Zinc	38.1		7.5	1.0	mg/Kg	☼	10/09/25 07:08	10/09/25 17:50	1

Method: SW846 7471B - Mercury (CVAA)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	0.045		0.017	0.0082	mg/Kg	☼	10/13/25 07:47	10/13/25 15:40	1

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Percent Moisture (EPA Moisture)	4.3		1.0	1.0	%			10/07/25 16:17	1
Percent Solids (EPA Moisture)	95.7		1.0	1.0	%			10/07/25 16:17	1

Client: Haley & Aldrich, Inc.
Project/Site: Former Port Mobil

Job ID: 460-336467-1

Client Sample ID: 1G_7-14
Date Collected: 10/03/25 09:25
Date Received: 10/03/25 16:15

Lab Sample ID: 460-336467-18
Matrix: Solid
Percent Solids: 90.4

Method: SW846 8270E - Semivolatile Organic Compounds (GC/MS)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1'-Biphenyl	0.36	U	0.36	0.013	mg/Kg	☼	10/06/25 21:57	10/07/25 15:13	1
1,2,4,5-Tetrachlorobenzene	0.36	U	0.36	0.011	mg/Kg	☼	10/06/25 21:57	10/07/25 15:13	1
1,4-Dioxane	0.036	U	0.036	0.032	mg/Kg	☼	10/06/25 21:57	10/07/25 15:13	1
2,2'-oxybis[1-chloropropane]	0.36	U	0.36	0.022	mg/Kg	☼	10/06/25 21:57	10/07/25 15:13	1
2,3,4,6-Tetrachlorophenol	0.36	U	0.36	0.025	mg/Kg	☼	10/06/25 21:57	10/07/25 15:13	1
2,4,5-Trichlorophenol	0.36	U	0.36	0.037	mg/Kg	☼	10/06/25 21:57	10/07/25 15:13	1
2,4,6-Trichlorophenol	0.15	U	0.15	0.047	mg/Kg	☼	10/06/25 21:57	10/07/25 15:13	1
2,4-Dichlorophenol	0.15	U	0.15	0.023	mg/Kg	☼	10/06/25 21:57	10/07/25 15:13	1
2,4-Dimethylphenol	0.36	U	0.36	0.044	mg/Kg	☼	10/06/25 21:57	10/07/25 15:13	1
2,4-Dinitrophenol	0.29	U	0.29	0.18	mg/Kg	☼	10/06/25 21:57	10/07/25 15:13	1
2,4-Dinitrotoluene	0.074	U	0.074	0.039	mg/Kg	☼	10/06/25 21:57	10/07/25 15:13	1
2,6-Dinitrotoluene	0.074	U	0.074	0.026	mg/Kg	☼	10/06/25 21:57	10/07/25 15:13	1
2-Chloronaphthalene	0.36	U	0.36	0.047	mg/Kg	☼	10/06/25 21:57	10/07/25 15:13	1
2-Chlorophenol	0.36	U	0.36	0.013	mg/Kg	☼	10/06/25 21:57	10/07/25 15:13	1
2-Methylnaphthalene	0.36	U	0.36	0.010	mg/Kg	☼	10/06/25 21:57	10/07/25 15:13	1
2-Methylphenol	0.36	U	0.36	0.014	mg/Kg	☼	10/06/25 21:57	10/07/25 15:13	1
2-Nitroaniline	0.36	U	0.36	0.028	mg/Kg	☼	10/06/25 21:57	10/07/25 15:13	1
2-Nitrophenol	0.36	U	0.36	0.037	mg/Kg	☼	10/06/25 21:57	10/07/25 15:13	1
3 & 4 Methylphenol	0.36	U	0.36	0.023	mg/Kg	☼	10/06/25 21:57	10/07/25 15:13	1
3,3'-Dichlorobenzidine	0.15	U	0.15	0.055	mg/Kg	☼	10/06/25 21:57	10/07/25 15:13	1
3-Nitroaniline	0.36	U	0.36	0.087	mg/Kg	☼	10/06/25 21:57	10/07/25 15:13	1
4,6-Dinitro-2-methylphenol	0.29	U	0.29	0.15	mg/Kg	☼	10/06/25 21:57	10/07/25 15:13	1
4-Bromophenyl phenyl ether	0.36	U	0.36	0.014	mg/Kg	☼	10/06/25 21:57	10/07/25 15:13	1
4-Chloro-3-methylphenol	0.36	U	0.36	0.020	mg/Kg	☼	10/06/25 21:57	10/07/25 15:13	1
4-Chloroaniline	0.36	U	0.36	0.065	mg/Kg	☼	10/06/25 21:57	10/07/25 15:13	1
4-Chlorophenyl phenyl ether	0.36	U	0.36	0.013	mg/Kg	☼	10/06/25 21:57	10/07/25 15:13	1
4-Methylphenol	0.36	U	0.36	0.023	mg/Kg	☼	10/06/25 21:57	10/07/25 15:13	1
4-Nitroaniline	0.36	U	0.36	0.093	mg/Kg	☼	10/06/25 21:57	10/07/25 15:13	1
4-Nitrophenol	0.74	U	0.74	0.059	mg/Kg	☼	10/06/25 21:57	10/07/25 15:13	1
Acenaphthene	0.36	U	0.36	0.010	mg/Kg	☼	10/06/25 21:57	10/07/25 15:13	1
Acenaphthylene	0.36	U	0.36	0.010	mg/Kg	☼	10/06/25 21:57	10/07/25 15:13	1
Acetophenone	0.36	U	0.36	0.018	mg/Kg	☼	10/06/25 21:57	10/07/25 15:13	1
Anthracene	0.36	U	0.36	0.011	mg/Kg	☼	10/06/25 21:57	10/07/25 15:13	1
Atrazine	0.15	U	0.15	0.021	mg/Kg	☼	10/06/25 21:57	10/07/25 15:13	1
Benzaldehyde	0.36	U	0.36	0.060	mg/Kg	☼	10/06/25 21:57	10/07/25 15:13	1
Benzo[a]anthracene	0.036	U	0.036	0.027	mg/Kg	☼	10/06/25 21:57	10/07/25 15:13	1
Benzo[a]pyrene	0.036	U	0.036	0.0097	mg/Kg	☼	10/06/25 21:57	10/07/25 15:13	1
Benzo[b]fluoranthene	0.036	U	0.036	0.0094	mg/Kg	☼	10/06/25 21:57	10/07/25 15:13	1
Benzo[g,h,i]perylene	0.36	U	0.36	0.011	mg/Kg	☼	10/06/25 21:57	10/07/25 15:13	1
Benzo[k]fluoranthene	0.036	U	0.036	0.0072	mg/Kg	☼	10/06/25 21:57	10/07/25 15:13	1
Bis(2-chloroethoxy)methane	0.36	U	0.36	0.067	mg/Kg	☼	10/06/25 21:57	10/07/25 15:13	1
Bis(2-chloroethyl)ether	0.036	U	0.036	0.013	mg/Kg	☼	10/06/25 21:57	10/07/25 15:13	1
Bis(2-ethylhexyl) phthalate	0.36	U	0.36	0.019	mg/Kg	☼	10/06/25 21:57	10/07/25 15:13	1
Butyl benzyl phthalate	0.36	U	0.36	0.017	mg/Kg	☼	10/06/25 21:57	10/07/25 15:13	1
Caprolactam	0.36	U	0.36	0.057	mg/Kg	☼	10/06/25 21:57	10/07/25 15:13	1
Carbazole	0.36	U	0.36	0.014	mg/Kg	☼	10/06/25 21:57	10/07/25 15:13	1
Chrysene	0.36	U	0.36	0.015	mg/Kg	☼	10/06/25 21:57	10/07/25 15:13	1
Dibenz(a,h)anthracene	0.036	U	0.036	0.016	mg/Kg	☼	10/06/25 21:57	10/07/25 15:13	1
Dibenzofuran	0.36	U	0.36	0.012	mg/Kg	☼	10/06/25 21:57	10/07/25 15:13	1

Client Sample ID: 1G_7-14
Date Collected: 10/03/25 09:25
Date Received: 10/03/25 16:15

Lab Sample ID: 460-336467-18
Matrix: Solid
Percent Solids: 90.4

Method: SW846 8270E - Semivolatile Organic Compounds (GC/MS) (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Diethyl phthalate	0.36	U	0.36	0.012	mg/Kg	☼	10/06/25 21:57	10/07/25 15:13	1
Dimethyl phthalate	0.36	U	0.36	0.083	mg/Kg	☼	10/06/25 21:57	10/07/25 15:13	1
Di-n-butyl phthalate	0.36	U	0.36	0.014	mg/Kg	☼	10/06/25 21:57	10/07/25 15:13	1
Di-n-octyl phthalate	0.36	U	0.36	0.019	mg/Kg	☼	10/06/25 21:57	10/07/25 15:13	1
Fluoranthene	0.36	U	0.36	0.013	mg/Kg	☼	10/06/25 21:57	10/07/25 15:13	1
Fluorene	0.36	U	0.36	0.011	mg/Kg	☼	10/06/25 21:57	10/07/25 15:13	1
Hexachlorobenzene	0.036	U	0.036	0.017	mg/Kg	☼	10/06/25 21:57	10/07/25 15:13	1
Hexachlorobutadiene	0.074	U	0.074	0.0078	mg/Kg	☼	10/06/25 21:57	10/07/25 15:13	1
Hexachlorocyclopentadiene	0.36	U	0.36	0.032	mg/Kg	☼	10/06/25 21:57	10/07/25 15:13	1
Hexachloroethane	0.036	U	0.036	0.013	mg/Kg	☼	10/06/25 21:57	10/07/25 15:13	1
Indeno[1,2,3-cd]pyrene	0.036	U	0.036	0.014	mg/Kg	☼	10/06/25 21:57	10/07/25 15:13	1
Isophorone	0.15	U	0.15	0.11	mg/Kg	☼	10/06/25 21:57	10/07/25 15:13	1
Naphthalene	0.36	U	0.36	0.0063	mg/Kg	☼	10/06/25 21:57	10/07/25 15:13	1
Nitrobenzene	0.036	U	0.036	0.020	mg/Kg	☼	10/06/25 21:57	10/07/25 15:13	1
N-Nitrosodi-n-propylamine	0.036	U	0.036	0.027	mg/Kg	☼	10/06/25 21:57	10/07/25 15:13	1
N-Nitrosodiphenylamine	0.36	U	0.36	0.030	mg/Kg	☼	10/06/25 21:57	10/07/25 15:13	1
Pentachlorophenol	0.29	U	0.29	0.075	mg/Kg	☼	10/06/25 21:57	10/07/25 15:13	1
Phenanthrene	0.36	U	0.36	0.015	mg/Kg	☼	10/06/25 21:57	10/07/25 15:13	1
Phenol	0.36	U	0.36	0.013	mg/Kg	☼	10/06/25 21:57	10/07/25 15:13	1
Pyrene	0.36	U	0.36	0.0091	mg/Kg	☼	10/06/25 21:57	10/07/25 15:13	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
2,4,6-Tribromophenol (Surr)	*70*		*18 - 137*	*10/06/25 21:57*	*10/07/25 15:13*	*1*
2-Fluorobiphenyl	*68*		*33 - 117*	*10/06/25 21:57*	*10/07/25 15:13*	*1*
2-Fluorophenol (Surr)	*69*		*24 - 120*	*10/06/25 21:57*	*10/07/25 15:13*	*1*
Nitrobenzene-d5 (Surr)	*62*		*27 - 120*	*10/06/25 21:57*	*10/07/25 15:13*	*1*
Phenol-d5 (Surr)	*64*		*28 - 118*	*10/06/25 21:57*	*10/07/25 15:13*	*1*
Terphenyl-d14 (Surr)	*74*		*33 - 124*	*10/06/25 21:57*	*10/07/25 15:13*	*1*

Method: SW846 8081B - Organochlorine Pesticides (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
4,4'-DDD	0.0074	U	0.0074	0.0013	mg/Kg	☼	10/06/25 10:37	10/07/25 11:30	1
4,4'-DDE	0.0074	U	0.0074	0.00087	mg/Kg	☼	10/06/25 10:37	10/07/25 11:30	1
4,4'-DDT	0.0074	U	0.0074	0.0014	mg/Kg	☼	10/06/25 10:37	10/07/25 11:30	1
Aldrin	0.0074	U	0.0074	0.0011	mg/Kg	☼	10/06/25 10:37	10/07/25 11:30	1
alpha-BHC	0.0022	U	0.0022	0.00075	mg/Kg	☼	10/06/25 10:37	10/07/25 11:30	1
beta-BHC	0.0022	U	0.0022	0.00083	mg/Kg	☼	10/06/25 10:37	10/07/25 11:30	1
Chlordane (technical)	0.074	U	0.074	0.018	mg/Kg	☼	10/06/25 10:37	10/07/25 11:30	1
cis-Chlordane	0.0074	U	0.0074	0.0012	mg/Kg	☼	10/06/25 10:37	10/07/25 11:30	1
delta-BHC	0.0022	U	0.0022	0.00045	mg/Kg	☼	10/06/25 10:37	10/07/25 11:30	1
Dieldrin	0.0022	U	0.0022	0.00096	mg/Kg	☼	10/06/25 10:37	10/07/25 11:30	1
Endosulfan I	0.0074	U	0.0074	0.0011	mg/Kg	☼	10/06/25 10:37	10/07/25 11:30	1
Endosulfan II	0.0074	U	0.0074	0.0019	mg/Kg	☼	10/06/25 10:37	10/07/25 11:30	1
Endosulfan sulfate	0.0074	U	0.0074	0.00092	mg/Kg	☼	10/06/25 10:37	10/07/25 11:30	1
Endrin	0.0074	U	0.0074	0.0011	mg/Kg	☼	10/06/25 10:37	10/07/25 11:30	1
Endrin aldehyde	0.0074	U	0.0074	0.0017	mg/Kg	☼	10/06/25 10:37	10/07/25 11:30	1
Endrin ketone	0.0074	U	0.0074	0.0014	mg/Kg	☼	10/06/25 10:37	10/07/25 11:30	1
gamma-BHC (Lindane)	0.0022	U	0.0022	0.00068	mg/Kg	☼	10/06/25 10:37	10/07/25 11:30	1
Heptachlor	0.0074	U	0.0074	0.00087	mg/Kg	☼	10/06/25 10:37	10/07/25 11:30	1
Heptachlor epoxide	0.0074	U	0.0074	0.0011	mg/Kg	☼	10/06/25 10:37	10/07/25 11:30	1

Client Sample ID: 1G_7-14
Date Collected: 10/03/25 09:25
Date Received: 10/03/25 16:15

Lab Sample ID: 460-336467-18
Matrix: Solid
Percent Solids: 90.4

Method: SW846 8081B - Organochlorine Pesticides (GC) (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Methoxychlor	0.0074	U	0.0074	0.0017	mg/Kg	☼	10/06/25 10:37	10/07/25 11:30	1
Toxaphene	0.074	U	0.074	0.027	mg/Kg	☼	10/06/25 10:37	10/07/25 11:30	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
DCB Decachlorobiphenyl	*49*		*10 - 150*	*10/06/25 10:37*	*10/07/25 11:30*	*1*
DCB Decachlorobiphenyl	*45*		*10 - 150*	*10/06/25 10:37*	*10/07/25 11:30*	*1*
Tetrachloro-m-xylene	*71*		*14 - 150*	*10/06/25 10:37*	*10/07/25 11:30*	*1*
Tetrachloro-m-xylene	*67*		*14 - 150*	*10/06/25 10:37*	*10/07/25 11:30*	*1*

Method: SW846 8082A - Polychlorinated Biphenyls (PCBs) by Gas Chromatography

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Aroclor 1016	0.074	U	0.074	0.020	mg/Kg	☼	10/06/25 10:33	10/08/25 00:44	1
Aroclor 1221	0.074	U	0.074	0.020	mg/Kg	☼	10/06/25 10:33	10/08/25 00:44	1
Aroclor 1232	0.074	U	0.074	0.020	mg/Kg	☼	10/06/25 10:33	10/08/25 00:44	1
Aroclor 1242	0.074	U	0.074	0.020	mg/Kg	☼	10/06/25 10:33	10/08/25 00:44	1
Aroclor 1248	0.074	U	0.074	0.020	mg/Kg	☼	10/06/25 10:33	10/08/25 00:44	1
Aroclor 1254	0.074	U	0.074	0.020	mg/Kg	☼	10/06/25 10:33	10/08/25 00:44	1
Aroclor 1260	0.074	U	0.074	0.020	mg/Kg	☼	10/06/25 10:33	10/08/25 00:44	1
Aroclor-1262	0.074	U	0.074	0.020	mg/Kg	☼	10/06/25 10:33	10/08/25 00:44	1
Aroclor 1268	0.074	U	0.074	0.020	mg/Kg	☼	10/06/25 10:33	10/08/25 00:44	1
Polychlorinated biphenyls, Total	0.074	U	0.074	0.020	mg/Kg	☼	10/06/25 10:33	10/08/25 00:44	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
DCB Decachlorobiphenyl	*62*		*10 - 150*	*10/06/25 10:33*	*10/08/25 00:44*	*1*
DCB Decachlorobiphenyl	*64*		*10 - 150*	*10/06/25 10:33*	*10/08/25 00:44*	*1*
Tetrachloro-m-xylene	*119*		*10 - 150*	*10/06/25 10:33*	*10/08/25 00:44*	*1*
Tetrachloro-m-xylene	*122*		*10 - 150*	*10/06/25 10:33*	*10/08/25 00:44*	*1*

Method: EPA 1633A - Per- and Polyfluoroalkyl Substances by LC/MS/MS, 1633A

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Perfluorobutanoic acid (PFBA)	0.39	U	0.39	0.097	ug/Kg	☼	10/08/25 14:13	10/09/25 06:05	1
Perfluoropentanoic acid (PFPeA)	0.19	U	0.19	0.097	ug/Kg	☼	10/08/25 14:13	10/09/25 06:05	1
Perfluorohexanoic acid (PFHxA)	0.19	U	0.19	0.097	ug/Kg	☼	10/08/25 14:13	10/09/25 06:05	1
Perfluoroheptanoic acid (PFHpA)	0.19	U	0.19	0.097	ug/Kg	☼	10/08/25 14:13	10/09/25 06:05	1
Perfluorooctanoic acid (PFOA)	0.19	U	0.19	0.058	ug/Kg	☼	10/08/25 14:13	10/09/25 06:05	1
Perfluorononanoic acid (PFNA)	0.19	U	0.19	0.097	ug/Kg	☼	10/08/25 14:13	10/09/25 06:05	1
Perfluorodecanoic acid (PFDA)	**0.10**	**J**	0.19	0.058	ug/Kg	☼	10/08/25 14:13	10/09/25 06:05	1
Perfluoroundecanoic acid (PFUnA)	**1.08**		0.19	0.097	ug/Kg	☼	10/08/25 14:13	10/09/25 06:05	1
Perfluorododecanoic acid (PFDoA)	0.19	U	0.19	0.097	ug/Kg	☼	10/08/25 14:13	10/09/25 06:05	1
Perfluorotridecanoic acid (PFTrDA)	**0.17**	**J**	0.19	0.097	ug/Kg	☼	10/08/25 14:13	10/09/25 06:05	1
Perfluorotetradecanoic acid (PFTeDA)	0.19	U	0.19	0.097	ug/Kg	☼	10/08/25 14:13	10/09/25 06:05	1
Perfluorobutanesulfonic acid (PFBS)	0.19	U	0.19	0.097	ug/Kg	☼	10/08/25 14:13	10/09/25 06:05	1
Perfluoropentanesulfonic acid (PFPeS)	0.19	U	0.19	0.097	ug/Kg	☼	10/08/25 14:13	10/09/25 06:05	1
Perfluorohexanesulfonic acid (PFHxS)	0.19	U	0.19	0.097	ug/Kg	☼	10/08/25 14:13	10/09/25 06:05	1
Perfluoroheptanesulfonic acid (PFHpS)	0.19	U	0.19	0.097	ug/Kg	☼	10/08/25 14:13	10/09/25 06:05	1
Perfluorooctanesulfonic acid (PFOS)	0.19	U	0.19	0.097	ug/Kg	☼	10/08/25 14:13	10/09/25 06:05	1
Perfluorononanesulfonic acid (PFNS)	0.19	U	0.19	0.097	ug/Kg	☼	10/08/25 14:13	10/09/25 06:05	1

Client Sample ID: 1G_7-14
Date Collected: 10/03/25 09:25
Date Received: 10/03/25 16:15

Lab Sample ID: 460-336467-18
Matrix: Solid
Percent Solids: 90.4

Method: EPA 1633A - Per- and Polyfluoroalkyl Substances by LC/MS/MS, 1633A (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Perfluorodecanesulfonic acid (PFDS)	0.19	U	0.19	0.097	ug/Kg	☼	10/08/25 14:13	10/09/25 06:05	1
Perfluorododecanesulfonic acid (PFDoS)	0.19	U	0.19	0.097	ug/Kg	☼	10/08/25 14:13	10/09/25 06:05	1
1H,1H,2H,2H-Perfluorohexane sulfonic acid (4:2 FTS)	0.39	U	0.39	0.19	ug/Kg	☼	10/08/25 14:13	10/09/25 06:05	1
1H,1H,2H,2H-Perfluorooctane sulfonic acid (6:2 FTS)	0.39	U	0.39	0.19	ug/Kg	☼	10/08/25 14:13	10/09/25 06:05	1
1H,1H,2H,2H-Perfluorodecane sulfonic acid (8:2 FTS)	0.39	U	0.39	0.19	ug/Kg	☼	10/08/25 14:13	10/09/25 06:05	1
Perfluorooctanesulfonamide (PFOSA)	0.19	U	0.19	0.097	ug/Kg	☼	10/08/25 14:13	10/09/25 06:05	1
N-methylperfluorooctane sulfonamide (NMeFOSA)	0.19	U	0.19	0.097	ug/Kg	☼	10/08/25 14:13	10/09/25 06:05	1
N-ethylperfluorooctane sulfonamide (NEtFOSA)	0.19	U	0.19	0.097	ug/Kg	☼	10/08/25 14:13	10/09/25 06:05	1
N-methylperfluorooctanesulfonamidoacetic acid (NMeFOSAA)	0.19	U	0.19	0.097	ug/Kg	☼	10/08/25 14:13	10/09/25 06:05	1
N-ethylperfluorooctanesulfonamidoacetic acid (NEtFOSAA)	0.19	U	0.19	0.097	ug/Kg	☼	10/08/25 14:13	10/09/25 06:05	1
N-methylperfluorooctane sulfonamidoethanol (NMeFOSE)	0.97	U	0.97	0.49	ug/Kg	☼	10/08/25 14:13	10/09/25 06:05	1
N-ethylperfluorooctane sulfonamidoethanol (NEtFOSE)	0.97	U	0.97	0.49	ug/Kg	☼	10/08/25 14:13	10/09/25 06:05	1
Hexafluoropropylene Oxide Dimer Acid (HFPO-DA)	0.19	U	0.19	0.097	ug/Kg	☼	10/08/25 14:13	10/09/25 06:05	1
4,8-Dioxa-3H-perfluorononanoic acid (ADONA)	0.19	U	0.19	0.097	ug/Kg	☼	10/08/25 14:13	10/09/25 06:05	1
Perfluoro-3-methoxypropanoic acid (PFMPA)	0.19	U	0.19	0.097	ug/Kg	☼	10/08/25 14:13	10/09/25 06:05	1
Perfluoro-4-methoxybutanoic acid (PFMBA)	0.19	U	0.19	0.097	ug/Kg	☼	10/08/25 14:13	10/09/25 06:05	1
Nonafluoro-3,6-dioxaheptanoic acid (NFDHA)	0.19	U	0.19	0.097	ug/Kg	☼	10/08/25 14:13	10/09/25 06:05	1
9-Chlorohexadecafluoro-3-oxanonane-1-sulfonic acid (9Cl-PF3ONS)	0.19	U	0.19	0.097	ug/Kg	☼	10/08/25 14:13	10/09/25 06:05	1
11-Chloroeicosafluoro-3-oxaundecane-1-sulfonic acid (11Cl-PF3OUdS)	0.19	U	0.19	0.097	ug/Kg	☼	10/08/25 14:13	10/09/25 06:05	1
Perfluoro (2-ethoxyethane) sulfonic acid (PFEESA)	0.19	U	0.19	0.097	ug/Kg	☼	10/08/25 14:13	10/09/25 06:05	1
3-Perfluoropropylpropanoic acid (3:3 FTCA)	0.39	U	0.39	0.19	ug/Kg	☼	10/08/25 14:13	10/09/25 06:05	1
3-Perfluoropentylpropanoic acid (5:3 FTCA)	0.97	U	0.97	0.49	ug/Kg	☼	10/08/25 14:13	10/09/25 06:05	1
3-Perfluoroheptylpropanoic acid (7:3 FTCA)	0.97	U	0.97	0.49	ug/Kg	☼	10/08/25 14:13	10/09/25 06:05	1

Isotope Dilution	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
13C4 PFBA	*99.6*		*8 - 130*	*10/08/25 14:13*	*10/09/25 06:05*	*1*
13C5 PFPeA	*91.1*		*35 - 130*	*10/08/25 14:13*	*10/09/25 06:05*	*1*
13C5 PFHxA	*92.6*		*40 - 130*	*10/08/25 14:13*	*10/09/25 06:05*	*1*
13C4 PFHpA	*97.1*		*40 - 130*	*10/08/25 14:13*	*10/09/25 06:05*	*1*
13C8 PFOA	*96.4*		*40 - 130*	*10/08/25 14:13*	*10/09/25 06:05*	*1*
13C9 PFNA	*91.9*		*40 - 130*	*10/08/25 14:13*	*10/09/25 06:05*	*1*
13C6 PFDA	*86.2*		*40 - 130*	*10/08/25 14:13*	*10/09/25 06:05*	*1*
13C7 PFUnA	*85.5*		*40 - 130*	*10/08/25 14:13*	*10/09/25 06:05*	*1*
13C2 PFTeDA	*65.3*		*20 - 130*	*10/08/25 14:13*	*10/09/25 06:05*	*1*

Client Sample ID: 1G_7-14
Date Collected: 10/03/25 09:25
Date Received: 10/03/25 16:15

Lab Sample ID: 460-336467-18
Matrix: Solid
Percent Solids: 90.4

Method: EPA 1633A - Per- and Polyfluoroalkyl Substances by LC/MS/MS, 1633A (Continued)

Isotope Dilution	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
13C3 PFBS	92.8		40 - 135	10/08/25 14:13	10/09/25 06:05	1
13C3 PFHxS	89.8		40 - 130	10/08/25 14:13	10/09/25 06:05	1
13C8 PFOS	80.7		40 - 130	10/08/25 14:13	10/09/25 06:05	1
13C8 FOSA	74.8		40 - 130	10/08/25 14:13	10/09/25 06:05	1
d3-NMeFOSAA	54.6		40 - 135	10/08/25 14:13	10/09/25 06:05	1
d5-NEtFOSAA	69.6		40 - 150	10/08/25 14:13	10/09/25 06:05	1
13C2 4:2 FTS	92.3		40 - 165	10/08/25 14:13	10/09/25 06:05	1
13C2 6:2 FTS	88.5		40 - 215	10/08/25 14:13	10/09/25 06:05	1
13C2 8:2 FTS	63.8		40 - 275	10/08/25 14:13	10/09/25 06:05	1
13C3 HFPO-DA	87.6		40 - 130	10/08/25 14:13	10/09/25 06:05	1
d7-N-MeFOSE-M	50.5		20 - 130	10/08/25 14:13	10/09/25 06:05	1
d9-N-EtFOSE-M	41.3		15 - 130	10/08/25 14:13	10/09/25 06:05	1
d5-NEtPFOSA	53.9		10 - 130	10/08/25 14:13	10/09/25 06:05	1
d3-NMePFOSA	60.4		10 - 130	10/08/25 14:13	10/09/25 06:05	1
13C2 PFDoA	84.0		40 - 130	10/08/25 14:13	10/09/25 06:05	1

Method: SW846 6020B - Metals (ICP/MS)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Aluminum	3670		20.7	5.7	mg/Kg	☼	10/09/25 07:08	10/09/25 17:53	1
Antimony	0.55	J	1.0	0.15	mg/Kg	☼	10/09/25 07:08	10/09/25 17:53	1
Arsenic	6.9		1.0	0.11	mg/Kg	☼	10/09/25 07:08	10/09/25 17:53	1
Barium	29.9		2.1	0.15	mg/Kg	☼	10/09/25 07:08	10/09/25 17:53	1
Beryllium	0.42		0.41	0.023	mg/Kg	☼	10/09/25 07:08	10/09/25 17:53	1
Cadmium	0.20	J	1.0	0.12	mg/Kg	☼	10/09/25 07:08	10/09/25 17:53	1
Calcium	815		103	10.1	mg/Kg	☼	10/09/25 07:08	10/09/25 17:53	1
Chromium	9.7		2.1	0.31	mg/Kg	☼	10/09/25 07:08	10/09/25 17:53	1
Cobalt	4.3		1.0	0.15	mg/Kg	☼	10/09/25 07:08	10/09/25 17:53	1
Copper	35.1		2.1	0.38	mg/Kg	☼	10/09/25 07:08	10/09/25 17:53	1
Iron	12800		62.0	7.9	mg/Kg	☼	10/09/25 07:08	10/09/25 17:53	1
Lead	41.0		0.62	0.21	mg/Kg	☼	10/09/25 07:08	10/09/25 17:53	1
Magnesium	923		103	10.5	mg/Kg	☼	10/09/25 07:08	10/09/25 17:53	1
Manganese	183		4.1	0.42	mg/Kg	☼	10/09/25 07:08	10/09/25 17:53	1
Nickel	9.7		2.1	0.18	mg/Kg	☼	10/09/25 07:08	10/09/25 17:53	1
Potassium	572		103	16.7	mg/Kg	☼	10/09/25 07:08	10/09/25 17:53	1
Selenium	0.23	J	1.3	0.13	mg/Kg	☼	10/09/25 07:08	10/09/25 17:53	1
Silver	0.19	J	0.41	0.092	mg/Kg	☼	10/09/25 07:08	10/09/25 17:53	1
Sodium	49.0	J	103	47.2	mg/Kg	☼	10/09/25 07:08	10/09/25 17:53	1
Thallium	0.41	U	0.41	0.042	mg/Kg	☼	10/09/25 07:08	10/09/25 17:53	1
Vanadium	15.6		2.1	0.21	mg/Kg	☼	10/09/25 07:08	10/09/25 17:53	1
Zinc	79.7		8.3	1.1	mg/Kg	☼	10/09/25 07:08	10/09/25 17:53	1

Method: SW846 7471B - Mercury (CVAA)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	0.025		0.019	0.0088	mg/Kg	☼	10/13/25 07:47	10/13/25 14:31	1

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Percent Moisture (EPA Moisture)	9.6		1.0	1.0	%			10/07/25 16:17	1
Percent Solids (EPA Moisture)	90.4		1.0	1.0	%			10/07/25 16:17	1

Client Sample ID: 1H_0-7
Date Collected: 10/03/25 09:30
Date Received: 10/03/25 16:15

Lab Sample ID: 460-336467-19
Matrix: Solid
Percent Solids: 97.2

Method: SW846 8270E - Semivolatile Organic Compounds (GC/MS)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1'-Biphenyl	0.34	U	0.34	0.012	mg/Kg	☼	10/06/25 21:57	10/07/25 18:41	1
1,2,4,5-Tetrachlorobenzene	0.34	U	0.34	0.011	mg/Kg	☼	10/06/25 21:57	10/07/25 18:41	1
1,4-Dioxane	0.034	U	0.034	0.030	mg/Kg	☼	10/06/25 21:57	10/07/25 18:41	1
2,2'-oxybis[1-chloropropane]	0.34	U	0.34	0.020	mg/Kg	☼	10/06/25 21:57	10/07/25 18:41	1
2,3,4,6-Tetrachlorophenol	0.34	U	0.34	0.023	mg/Kg	☼	10/06/25 21:57	10/07/25 18:41	1
2,4,5-Trichlorophenol	0.34	U	0.34	0.034	mg/Kg	☼	10/06/25 21:57	10/07/25 18:41	1
2,4,6-Trichlorophenol	0.14	U	0.14	0.043	mg/Kg	☼	10/06/25 21:57	10/07/25 18:41	1
2,4-Dichlorophenol	0.14	U	0.14	0.022	mg/Kg	☼	10/06/25 21:57	10/07/25 18:41	1
2,4-Dimethylphenol	0.34	U	0.34	0.040	mg/Kg	☼	10/06/25 21:57	10/07/25 18:41	1
2,4-Dinitrophenol	0.27	U	0.27	0.17	mg/Kg	☼	10/06/25 21:57	10/07/25 18:41	1
2,4-Dinitrotoluene	0.069	U	0.069	0.036	mg/Kg	☼	10/06/25 21:57	10/07/25 18:41	1
2,6-Dinitrotoluene	0.069	U	0.069	0.024	mg/Kg	☼	10/06/25 21:57	10/07/25 18:41	1
2-Chloronaphthalene	0.34	U	0.34	0.043	mg/Kg	☼	10/06/25 21:57	10/07/25 18:41	1
2-Chlorophenol	0.34	U	0.34	0.012	mg/Kg	☼	10/06/25 21:57	10/07/25 18:41	1
2-Methylnaphthalene	0.34	U	0.34	0.0095	mg/Kg	☼	10/06/25 21:57	10/07/25 18:41	1
2-Methylphenol	0.34	U	0.34	0.013	mg/Kg	☼	10/06/25 21:57	10/07/25 18:41	1
2-Nitroaniline	0.34	U	0.34	0.026	mg/Kg	☼	10/06/25 21:57	10/07/25 18:41	1
2-Nitrophenol	0.34	U	0.34	0.034	mg/Kg	☼	10/06/25 21:57	10/07/25 18:41	1
3 & 4 Methylphenol	0.34	U	0.34	0.021	mg/Kg	☼	10/06/25 21:57	10/07/25 18:41	1
3,3'-Dichlorobenzidine	0.14	U	0.14	0.051	mg/Kg	☼	10/06/25 21:57	10/07/25 18:41	1
3-Nitroaniline	0.34	U	0.34	0.080	mg/Kg	☼	10/06/25 21:57	10/07/25 18:41	1
4,6-Dinitro-2-methylphenol	0.27	U	0.27	0.14	mg/Kg	☼	10/06/25 21:57	10/07/25 18:41	1
4-Bromophenyl phenyl ether	0.34	U	0.34	0.013	mg/Kg	☼	10/06/25 21:57	10/07/25 18:41	1
4-Chloro-3-methylphenol	0.34	U	0.34	0.019	mg/Kg	☼	10/06/25 21:57	10/07/25 18:41	1
4-Chloroaniline	0.34	U	0.34	0.060	mg/Kg	☼	10/06/25 21:57	10/07/25 18:41	1
4-Chlorophenyl phenyl ether	0.34	U	0.34	0.012	mg/Kg	☼	10/06/25 21:57	10/07/25 18:41	1
4-Methylphenol	0.34	U	0.34	0.021	mg/Kg	☼	10/06/25 21:57	10/07/25 18:41	1
4-Nitroaniline	0.34	U	0.34	0.086	mg/Kg	☼	10/06/25 21:57	10/07/25 18:41	1
4-Nitrophenol	0.69	U	0.69	0.055	mg/Kg	☼	10/06/25 21:57	10/07/25 18:41	1
Acenaphthene	0.34	U	0.34	0.0096	mg/Kg	☼	10/06/25 21:57	10/07/25 18:41	1
Acenaphthylene	0.34	U	0.34	0.0097	mg/Kg	☼	10/06/25 21:57	10/07/25 18:41	1
Acetophenone	0.34	U	0.34	0.017	mg/Kg	☼	10/06/25 21:57	10/07/25 18:41	1
Anthracene	0.34	U	0.34	0.010	mg/Kg	☼	10/06/25 21:57	10/07/25 18:41	1
Atrazine	0.14	U	0.14	0.020	mg/Kg	☼	10/06/25 21:57	10/07/25 18:41	1
Benzaldehyde	0.34	U	0.34	0.056	mg/Kg	☼	10/06/25 21:57	10/07/25 18:41	1
Benzo[a]anthracene	0.034	U	0.034	0.025	mg/Kg	☼	10/06/25 21:57	10/07/25 18:41	1
Benzo[a]pyrene	0.034	U	0.034	0.0090	mg/Kg	☼	10/06/25 21:57	10/07/25 18:41	1
Benzo[b]fluoranthene	0.034	U	0.034	0.0088	mg/Kg	☼	10/06/25 21:57	10/07/25 18:41	1
Benzo[g,h,i]perylene	0.34	U	0.34	0.010	mg/Kg	☼	10/06/25 21:57	10/07/25 18:41	1
Benzo[k]fluoranthene	0.034	U	0.034	0.0066	mg/Kg	☼	10/06/25 21:57	10/07/25 18:41	1
Bis(2-chloroethoxy)methane	0.34	U	0.34	0.063	mg/Kg	☼	10/06/25 21:57	10/07/25 18:41	1
Bis(2-chloroethyl)ether	0.034	U	0.034	0.012	mg/Kg	☼	10/06/25 21:57	10/07/25 18:41	1
Bis(2-ethylhexyl) phthalate	0.34	U	0.34	0.018	mg/Kg	☼	10/06/25 21:57	10/07/25 18:41	1
Butyl benzyl phthalate	0.34	U	0.34	0.016	mg/Kg	☼	10/06/25 21:57	10/07/25 18:41	1
Caprolactam	0.34	U	0.34	0.053	mg/Kg	☼	10/06/25 21:57	10/07/25 18:41	1
Carbazole	0.34	U	0.34	0.013	mg/Kg	☼	10/06/25 21:57	10/07/25 18:41	1
Chrysene	0.34	U	0.34	0.014	mg/Kg	☼	10/06/25 21:57	10/07/25 18:41	1
Dibenz(a,h)anthracene	0.034	U	0.034	0.015	mg/Kg	☼	10/06/25 21:57	10/07/25 18:41	1
Dibenzofuran	0.34	U	0.34	0.011	mg/Kg	☼	10/06/25 21:57	10/07/25 18:41	1

Client Sample ID: 1H_0-7
Date Collected: 10/03/25 09:30
Date Received: 10/03/25 16:15

Lab Sample ID: 460-336467-19
Matrix: Solid
Percent Solids: 97.2

Method: SW846 8270E - Semivolatile Organic Compounds (GC/MS) (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Diethyl phthalate	0.34	U	0.34	0.011	mg/Kg	☼	10/06/25 21:57	10/07/25 18:41	1
Dimethyl phthalate	0.34	U	0.34	0.077	mg/Kg	☼	10/06/25 21:57	10/07/25 18:41	1
Di-n-butyl phthalate	0.34	U	0.34	0.013	mg/Kg	☼	10/06/25 21:57	10/07/25 18:41	1
Di-n-octyl phthalate	0.34	U	0.34	0.018	mg/Kg	☼	10/06/25 21:57	10/07/25 18:41	1
Fluoranthene	0.34	U	0.34	0.012	mg/Kg	☼	10/06/25 21:57	10/07/25 18:41	1
Fluorene	0.34	U	0.34	0.0099	mg/Kg	☼	10/06/25 21:57	10/07/25 18:41	1
Hexachlorobenzene	0.034	U	0.034	0.016	mg/Kg	☼	10/06/25 21:57	10/07/25 18:41	1
Hexachlorobutadiene	0.069	U	0.069	0.0072	mg/Kg	☼	10/06/25 21:57	10/07/25 18:41	1
Hexachlorocyclopentadiene	0.34	U	0.34	0.030	mg/Kg	☼	10/06/25 21:57	10/07/25 18:41	1
Hexachloroethane	0.034	U	0.034	0.012	mg/Kg	☼	10/06/25 21:57	10/07/25 18:41	1
Indeno[1,2,3-cd]pyrene	0.034	U	0.034	0.013	mg/Kg	☼	10/06/25 21:57	10/07/25 18:41	1
Isophorone	0.14	U	0.14	0.098	mg/Kg	☼	10/06/25 21:57	10/07/25 18:41	1
Naphthalene	0.34	U	0.34	0.0059	mg/Kg	☼	10/06/25 21:57	10/07/25 18:41	1
Nitrobenzene	0.034	U	0.034	0.019	mg/Kg	☼	10/06/25 21:57	10/07/25 18:41	1
N-Nitrosodi-n-propylamine	0.034	U	0.034	0.025	mg/Kg	☼	10/06/25 21:57	10/07/25 18:41	1
N-Nitrosodiphenylamine	0.34	U	0.34	0.028	mg/Kg	☼	10/06/25 21:57	10/07/25 18:41	1
Pentachlorophenol	0.27	U	0.27	0.069	mg/Kg	☼	10/06/25 21:57	10/07/25 18:41	1
Phenanthrene	0.34	U	0.34	0.014	mg/Kg	☼	10/06/25 21:57	10/07/25 18:41	1
Phenol	0.34	U	0.34	0.012	mg/Kg	☼	10/06/25 21:57	10/07/25 18:41	1
Pyrene	0.34	U	0.34	0.0084	mg/Kg	☼	10/06/25 21:57	10/07/25 18:41	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
2,4,6-Tribromophenol (Surr)	*76*		*18 - 137*	*10/06/25 21:57*	*10/07/25 18:41*	*1*
2-Fluorobiphenyl	*72*		*33 - 117*	*10/06/25 21:57*	*10/07/25 18:41*	*1*
2-Fluorophenol (Surr)	*71*		*24 - 120*	*10/06/25 21:57*	*10/07/25 18:41*	*1*
Nitrobenzene-d5 (Surr)	*64*		*27 - 120*	*10/06/25 21:57*	*10/07/25 18:41*	*1*
Phenol-d5 (Surr)	*67*		*28 - 118*	*10/06/25 21:57*	*10/07/25 18:41*	*1*
Terphenyl-d14 (Surr)	*76*		*33 - 124*	*10/06/25 21:57*	*10/07/25 18:41*	*1*

Method: SW846 8081B - Organochlorine Pesticides (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
4,4'-DDD	0.0068	U	0.0068	0.0012	mg/Kg	☼	10/06/25 10:37	10/07/25 11:43	1
4,4'-DDE	0.0068	U	0.0068	0.00081	mg/Kg	☼	10/06/25 10:37	10/07/25 11:43	1
4,4'-DDT	0.0068	U	0.0068	0.0013	mg/Kg	☼	10/06/25 10:37	10/07/25 11:43	1
Aldrin	0.0068	U	0.0068	0.0010	mg/Kg	☼	10/06/25 10:37	10/07/25 11:43	1
alpha-BHC	0.0020	U	0.0020	0.00069	mg/Kg	☼	10/06/25 10:37	10/07/25 11:43	1
beta-BHC	0.0020	U	0.0020	0.00077	mg/Kg	☼	10/06/25 10:37	10/07/25 11:43	1
Chlordane (technical)	0.068	U	0.068	0.017	mg/Kg	☼	10/06/25 10:37	10/07/25 11:43	1
cis-Chlordane	0.0068	U	0.0068	0.0011	mg/Kg	☼	10/06/25 10:37	10/07/25 11:43	1
delta-BHC	0.0020	U	0.0020	0.00042	mg/Kg	☼	10/06/25 10:37	10/07/25 11:43	1
Dieldrin	0.0020	U	0.0020	0.00089	mg/Kg	☼	10/06/25 10:37	10/07/25 11:43	1
Endosulfan I	0.0068	U	0.0068	0.0010	mg/Kg	☼	10/06/25 10:37	10/07/25 11:43	1
Endosulfan II	0.0068	U	0.0068	0.0018	mg/Kg	☼	10/06/25 10:37	10/07/25 11:43	1
Endosulfan sulfate	0.0068	U	0.0068	0.00086	mg/Kg	☼	10/06/25 10:37	10/07/25 11:43	1
Endrin	0.0068	U	0.0068	0.00098	mg/Kg	☼	10/06/25 10:37	10/07/25 11:43	1
Endrin aldehyde	0.0068	U	0.0068	0.0016	mg/Kg	☼	10/06/25 10:37	10/07/25 11:43	1
Endrin ketone	0.0068	U	0.0068	0.0013	mg/Kg	☼	10/06/25 10:37	10/07/25 11:43	1
gamma-BHC (Lindane)	0.0020	U	0.0020	0.00063	mg/Kg	☼	10/06/25 10:37	10/07/25 11:43	1
Heptachlor	0.0068	U	0.0068	0.00081	mg/Kg	☼	10/06/25 10:37	10/07/25 11:43	1
Heptachlor epoxide	0.0068	U	0.0068	0.0010	mg/Kg	☼	10/06/25 10:37	10/07/25 11:43	1

Client Sample ID: 1H_0-7
Date Collected: 10/03/25 09:30
Date Received: 10/03/25 16:15

Lab Sample ID: 460-336467-19
Matrix: Solid
Percent Solids: 97.2

Method: SW846 8081B - Organochlorine Pesticides (GC) (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Methoxychlor	0.0068	U	0.0068	0.0016	mg/Kg	☼	10/06/25 10:37	10/07/25 11:43	1
Toxaphene	0.068	U	0.068	0.025	mg/Kg	☼	10/06/25 10:37	10/07/25 11:43	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
DCB Decachlorobiphenyl	*46*		*10 - 150*	*10/06/25 10:37*	*10/07/25 11:43*	*1*
DCB Decachlorobiphenyl	*35*		*10 - 150*	*10/06/25 10:37*	*10/07/25 11:43*	*1*
Tetrachloro-m-xylene	*52*		*14 - 150*	*10/06/25 10:37*	*10/07/25 11:43*	*1*
Tetrachloro-m-xylene	*54*		*14 - 150*	*10/06/25 10:37*	*10/07/25 11:43*	*1*

Method: SW846 8082A - Polychlorinated Biphenyls (PCBs) by Gas Chromatography

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Aroclor 1016	0.068	U	0.068	0.018	mg/Kg	☼	10/06/25 10:33	10/08/25 01:00	1
Aroclor 1221	0.068	U	0.068	0.018	mg/Kg	☼	10/06/25 10:33	10/08/25 01:00	1
Aroclor 1232	0.068	U	0.068	0.018	mg/Kg	☼	10/06/25 10:33	10/08/25 01:00	1
Aroclor 1242	0.068	U	0.068	0.018	mg/Kg	☼	10/06/25 10:33	10/08/25 01:00	1
Aroclor 1248	0.068	U	0.068	0.018	mg/Kg	☼	10/06/25 10:33	10/08/25 01:00	1
Aroclor 1254	0.068	U	0.068	0.018	mg/Kg	☼	10/06/25 10:33	10/08/25 01:00	1
Aroclor 1260	0.068	U	0.068	0.018	mg/Kg	☼	10/06/25 10:33	10/08/25 01:00	1
Aroclor-1262	0.068	U	0.068	0.018	mg/Kg	☼	10/06/25 10:33	10/08/25 01:00	1
Aroclor 1268	0.068	U	0.068	0.018	mg/Kg	☼	10/06/25 10:33	10/08/25 01:00	1
Polychlorinated biphenyls, Total	0.068	U	0.068	0.018	mg/Kg	☼	10/06/25 10:33	10/08/25 01:00	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
DCB Decachlorobiphenyl	*53*		*10 - 150*	*10/06/25 10:33*	*10/08/25 01:00*	*1*
DCB Decachlorobiphenyl	*54*		*10 - 150*	*10/06/25 10:33*	*10/08/25 01:00*	*1*
Tetrachloro-m-xylene	*101*		*10 - 150*	*10/06/25 10:33*	*10/08/25 01:00*	*1*
Tetrachloro-m-xylene	*104*		*10 - 150*	*10/06/25 10:33*	*10/08/25 01:00*	*1*

Method: EPA 1633A - Per- and Polyfluoroalkyl Substances by LC/MS/MS, 1633A

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Perfluorobutanoic acid (PFBA)	0.39	U	0.39	0.098	ug/Kg	☼	10/08/25 14:13	10/09/25 06:18	1
Perfluoropentanoic acid (PFPeA)	0.20	U	0.20	0.098	ug/Kg	☼	10/08/25 14:13	10/09/25 06:18	1
Perfluorohexanoic acid (PFHxA)	0.20	U	0.20	0.098	ug/Kg	☼	10/08/25 14:13	10/09/25 06:18	1
Perfluoroheptanoic acid (PFHpA)	0.20	U	0.20	0.098	ug/Kg	☼	10/08/25 14:13	10/09/25 06:18	1
Perfluorooctanoic acid (PFOA)	**0.062**	**J**	0.20	0.059	ug/Kg	☼	10/08/25 14:13	10/09/25 06:18	1
Perfluorononanoic acid (PFNA)	**0.11**	**J**	0.20	0.098	ug/Kg	☼	10/08/25 14:13	10/09/25 06:18	1
Perfluorodecanoic acid (PFDA)	**0.062**	**J**	0.20	0.059	ug/Kg	☼	10/08/25 14:13	10/09/25 06:18	1
Perfluoroundecanoic acid (PFUnA)	**0.52**		0.20	0.098	ug/Kg	☼	10/08/25 14:13	10/09/25 06:18	1
Perfluorododecanoic acid (PFDoA)	0.20	U	0.20	0.098	ug/Kg	☼	10/08/25 14:13	10/09/25 06:18	1
Perfluorotridecanoic acid (PFTrDA)	**0.10**	**J**	0.20	0.098	ug/Kg	☼	10/08/25 14:13	10/09/25 06:18	1
Perfluorotetradecanoic acid (PFTeDA)	0.20	U	0.20	0.098	ug/Kg	☼	10/08/25 14:13	10/09/25 06:18	1
Perfluorobutanesulfonic acid (PFBS)	0.20	U	0.20	0.098	ug/Kg	☼	10/08/25 14:13	10/09/25 06:18	1
Perfluoropentanesulfonic acid (PFPeS)	0.20	U	0.20	0.098	ug/Kg	☼	10/08/25 14:13	10/09/25 06:18	1
Perfluorohexanesulfonic acid (PFHxS)	0.20	U	0.20	0.098	ug/Kg	☼	10/08/25 14:13	10/09/25 06:18	1
Perfluoroheptanesulfonic acid (PFHpS)	0.20	U	0.20	0.098	ug/Kg	☼	10/08/25 14:13	10/09/25 06:18	1
Perfluorooctanesulfonic acid (PFOS)	0.20	U	0.20	0.098	ug/Kg	☼	10/08/25 14:13	10/09/25 06:18	1
Perfluorononanesulfonic acid (PFNS)	0.20	U	0.20	0.098	ug/Kg	☼	10/08/25 14:13	10/09/25 06:18	1

Client Sample ID: 1H_0-7
Date Collected: 10/03/25 09:30
Date Received: 10/03/25 16:15

Lab Sample ID: 460-336467-19
Matrix: Solid
Percent Solids: 97.2

Method: EPA 1633A - Per- and Polyfluoroalkyl Substances by LC/MS/MS, 1633A (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Perfluorodecanesulfonic acid (PFDS)	0.20	U	0.20	0.098	ug/Kg	☼	10/08/25 14:13	10/09/25 06:18	1
Perfluorododecanesulfonic acid (PFDoS)	0.20	U	0.20	0.098	ug/Kg	☼	10/08/25 14:13	10/09/25 06:18	1
1H,1H,2H,2H-Perfluorohexane sulfonic acid (4:2 FTS)	0.39	U	0.39	0.20	ug/Kg	☼	10/08/25 14:13	10/09/25 06:18	1
1H,1H,2H,2H-Perfluorooctane sulfonic acid (6:2 FTS)	0.39	U	0.39	0.20	ug/Kg	☼	10/08/25 14:13	10/09/25 06:18	1
1H,1H,2H,2H-Perfluorodecane sulfonic acid (8:2 FTS)	0.39	U	0.39	0.20	ug/Kg	☼	10/08/25 14:13	10/09/25 06:18	1
Perfluorooctanesulfonamide (PFOSA)	0.20	U	0.20	0.098	ug/Kg	☼	10/08/25 14:13	10/09/25 06:18	1
N-methylperfluorooctane sulfonamide (NMeFOSA)	0.20	U	0.20	0.098	ug/Kg	☼	10/08/25 14:13	10/09/25 06:18	1
N-ethylperfluorooctane sulfonamide (NEtFOSA)	0.20	U	0.20	0.098	ug/Kg	☼	10/08/25 14:13	10/09/25 06:18	1
N-methylperfluorooctanesulfonamidoacetic acid (NMeFOSAA)	0.20	U	0.20	0.098	ug/Kg	☼	10/08/25 14:13	10/09/25 06:18	1
N-ethylperfluorooctanesulfonamidoacetic acid (NEtFOSAA)	0.20	U	0.20	0.098	ug/Kg	☼	10/08/25 14:13	10/09/25 06:18	1
N-methylperfluorooctane sulfonamidoethanol (NMeFOSE)	0.98	U	0.98	0.49	ug/Kg	☼	10/08/25 14:13	10/09/25 06:18	1
N-ethylperfluorooctane sulfonamidoethanol (NEtFOSE)	0.98	U	0.98	0.49	ug/Kg	☼	10/08/25 14:13	10/09/25 06:18	1
Hexafluoropropylene Oxide Dimer Acid (HFPO-DA)	0.20	U	0.20	0.098	ug/Kg	☼	10/08/25 14:13	10/09/25 06:18	1
4,8-Dioxa-3H-perfluorononanoic acid (ADONA)	0.20	U	0.20	0.098	ug/Kg	☼	10/08/25 14:13	10/09/25 06:18	1
Perfluoro-3-methoxypropanoic acid (PFMPA)	0.20	U	0.20	0.098	ug/Kg	☼	10/08/25 14:13	10/09/25 06:18	1
Perfluoro-4-methoxybutanoic acid (PFMBA)	0.20	U	0.20	0.098	ug/Kg	☼	10/08/25 14:13	10/09/25 06:18	1
Nonafluoro-3,6-dioxaheptanoic acid (NFDHA)	0.20	U	0.20	0.098	ug/Kg	☼	10/08/25 14:13	10/09/25 06:18	1
9-Chlorohexadecafluoro-3-oxanonane-1-sulfonic acid (9Cl-PF3ONS)	0.20	U	0.20	0.098	ug/Kg	☼	10/08/25 14:13	10/09/25 06:18	1
11-Chloroeicosafluoro-3-oxaundecane-1-sulfonic acid (11Cl-PF3OUdS)	0.20	U	0.20	0.098	ug/Kg	☼	10/08/25 14:13	10/09/25 06:18	1
Perfluoro (2-ethoxyethane) sulfonic acid (PFEESA)	0.20	U	0.20	0.098	ug/Kg	☼	10/08/25 14:13	10/09/25 06:18	1
3-Perfluoropropylpropanoic acid (3:3 FTCA)	0.39	U	0.39	0.20	ug/Kg	☼	10/08/25 14:13	10/09/25 06:18	1
3-Perfluoropentylpropanoic acid (5:3 FTCA)	0.98	U	0.98	0.49	ug/Kg	☼	10/08/25 14:13	10/09/25 06:18	1
3-Perfluoroheptylpropanoic acid (7:3 FTCA)	0.98	U	0.98	0.49	ug/Kg	☼	10/08/25 14:13	10/09/25 06:18	1

Isotope Dilution	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
13C4 PFBA	*116*		*8 - 130*	*10/08/25 14:13*	*10/09/25 06:18*	*1*
13C5 PFPeA	*106*		*35 - 130*	*10/08/25 14:13*	*10/09/25 06:18*	*1*
13C5 PFHxA	*104*		*40 - 130*	*10/08/25 14:13*	*10/09/25 06:18*	*1*
13C4 PFHpA	*108*		*40 - 130*	*10/08/25 14:13*	*10/09/25 06:18*	*1*
13C8 PFOA	*98.6*		*40 - 130*	*10/08/25 14:13*	*10/09/25 06:18*	*1*
13C9 PFNA	*98.9*		*40 - 130*	*10/08/25 14:13*	*10/09/25 06:18*	*1*
13C6 PFDA	*92.2*		*40 - 130*	*10/08/25 14:13*	*10/09/25 06:18*	*1*
13C7 PFUnA	*89.7*		*40 - 130*	*10/08/25 14:13*	*10/09/25 06:18*	*1*
13C2 PFTeDA	*61.7*		*20 - 130*	*10/08/25 14:13*	*10/09/25 06:18*	*1*

Client Sample ID: 1H_0-7

Date Collected: 10/03/25 09:30
Date Received: 10/03/25 16:15

Lab Sample ID: 460-336467-19

Matrix: Solid
Percent Solids: 97.2

Method: EPA 1633A - Per- and Polyfluoroalkyl Substances by LC/MS/MS, 1633A (Continued)

Isotope Dilution	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
13C3 PFBS	114		40 - 135	10/08/25 14:13	10/09/25 06:18	1
13C3 PFHxS	98.3		40 - 130	10/08/25 14:13	10/09/25 06:18	1
13C8 PFOS	88.0		40 - 130	10/08/25 14:13	10/09/25 06:18	1
13C8 FOSA	79.3		40 - 130	10/08/25 14:13	10/09/25 06:18	1
d3-NMeFOSAA	55.9		40 - 135	10/08/25 14:13	10/09/25 06:18	1
d5-NEtFOSAA	75.5		40 - 150	10/08/25 14:13	10/09/25 06:18	1
13C2 4:2 FTS	115		40 - 165	10/08/25 14:13	10/09/25 06:18	1
13C2 6:2 FTS	96.6		40 - 215	10/08/25 14:13	10/09/25 06:18	1
13C2 8:2 FTS	74.0		40 - 275	10/08/25 14:13	10/09/25 06:18	1
13C3 HFPO-DA	107		40 - 130	10/08/25 14:13	10/09/25 06:18	1
d7-N-MeFOSE-M	41.0		20 - 130	10/08/25 14:13	10/09/25 06:18	1
d9-N-EtFOSE-M	33.6		15 - 130	10/08/25 14:13	10/09/25 06:18	1
d5-NEtPFOSA	56.2		10 - 130	10/08/25 14:13	10/09/25 06:18	1
d3-NMePFOSA	64.9		10 - 130	10/08/25 14:13	10/09/25 06:18	1
13C2 PFDoA	77.8		40 - 130	10/08/25 14:13	10/09/25 06:18	1

Method: SW846 6020B - Metals (ICP/MS)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Aluminum	2740		18.7	5.1	mg/Kg	☼	10/09/25 07:08	10/09/25 17:56	1
Antimony	1.0		0.94	0.14	mg/Kg	☼	10/09/25 07:08	10/09/25 17:56	1
Arsenic	7.9		0.94	0.096	mg/Kg	☼	10/09/25 07:08	10/09/25 17:56	1
Barium	22.1		1.9	0.14	mg/Kg	☼	10/09/25 07:08	10/09/25 17:56	1
Beryllium	0.31	J	0.37	0.021	mg/Kg	☼	10/09/25 07:08	10/09/25 17:56	1
Cadmium	0.37	J	0.94	0.11	mg/Kg	☼	10/09/25 07:08	10/09/25 17:56	1
Calcium	12100		93.5	9.1	mg/Kg	☼	10/09/25 07:08	10/09/25 17:56	1
Chromium	6.9		1.9	0.28	mg/Kg	☼	10/09/25 07:08	10/09/25 17:56	1
Cobalt	3.1		0.94	0.14	mg/Kg	☼	10/09/25 07:08	10/09/25 17:56	1
Copper	47.6		1.9	0.34	mg/Kg	☼	10/09/25 07:08	10/09/25 17:56	1
Iron	10200		56.1	7.2	mg/Kg	☼	10/09/25 07:08	10/09/25 17:56	1
Lead	51.3		0.56	0.19	mg/Kg	☼	10/09/25 07:08	10/09/25 17:56	1
Magnesium	7430		93.5	9.5	mg/Kg	☼	10/09/25 07:08	10/09/25 17:56	1
Manganese	196		3.7	0.38	mg/Kg	☼	10/09/25 07:08	10/09/25 17:56	1
Nickel	7.1		1.9	0.17	mg/Kg	☼	10/09/25 07:08	10/09/25 17:56	1
Potassium	437		93.5	15.2	mg/Kg	☼	10/09/25 07:08	10/09/25 17:56	1
Selenium	0.23	J	1.2	0.12	mg/Kg	☼	10/09/25 07:08	10/09/25 17:56	1
Silver	0.57		0.37	0.083	mg/Kg	☼	10/09/25 07:08	10/09/25 17:56	1
Sodium	93.5	U	93.5	42.7	mg/Kg	☼	10/09/25 07:08	10/09/25 17:56	1
Thallium	0.052	J	0.37	0.038	mg/Kg	☼	10/09/25 07:08	10/09/25 17:56	1
Vanadium	15.9		1.9	0.19	mg/Kg	☼	10/09/25 07:08	10/09/25 17:56	1
Zinc	49.2		7.5	1.0	mg/Kg	☼	10/09/25 07:08	10/09/25 17:56	1

Method: SW846 7471B - Mercury (CVAA)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	0.038		0.017	0.0078	mg/Kg	☼	10/13/25 07:47	10/13/25 15:43	1

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Percent Moisture (EPA Moisture)	2.8		1.0	1.0	%			10/07/25 16:17	1
Percent Solids (EPA Moisture)	97.2		1.0	1.0	%			10/07/25 16:17	1

Client Sample ID: 1H_7-14
Date Collected: 10/03/25 09:35
Date Received: 10/03/25 16:15

Lab Sample ID: 460-336467-20
Matrix: Solid
Percent Solids: 96.2

Method: SW846 8270E - Semivolatile Organic Compounds (GC/MS)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1'-Biphenyl	0.34	U	0.34	0.012	mg/Kg	☼	10/06/25 21:57	10/07/25 19:04	1
1,2,4,5-Tetrachlorobenzene	0.34	U	0.34	0.011	mg/Kg	☼	10/06/25 21:57	10/07/25 19:04	1
1,4-Dioxane	0.034	U	0.034	0.030	mg/Kg	☼	10/06/25 21:57	10/07/25 19:04	1
2,2'-oxybis[1-chloropropane]	0.34	U	0.34	0.021	mg/Kg	☼	10/06/25 21:57	10/07/25 19:04	1
2,3,4,6-Tetrachlorophenol	0.34	U	0.34	0.023	mg/Kg	☼	10/06/25 21:57	10/07/25 19:04	1
2,4,5-Trichlorophenol	0.34	U	0.34	0.035	mg/Kg	☼	10/06/25 21:57	10/07/25 19:04	1
2,4,6-Trichlorophenol	0.14	U	0.14	0.044	mg/Kg	☼	10/06/25 21:57	10/07/25 19:04	1
2,4-Dichlorophenol	0.14	U	0.14	0.022	mg/Kg	☼	10/06/25 21:57	10/07/25 19:04	1
2,4-Dimethylphenol	0.34	U	0.34	0.041	mg/Kg	☼	10/06/25 21:57	10/07/25 19:04	1
2,4-Dinitrophenol	0.28	U	0.28	0.17	mg/Kg	☼	10/06/25 21:57	10/07/25 19:04	1
2,4-Dinitrotoluene	0.070	U	0.070	0.037	mg/Kg	☼	10/06/25 21:57	10/07/25 19:04	1
2,6-Dinitrotoluene	0.070	U	0.070	0.025	mg/Kg	☼	10/06/25 21:57	10/07/25 19:04	1
2-Chloronaphthalene	0.34	U	0.34	0.044	mg/Kg	☼	10/06/25 21:57	10/07/25 19:04	1
2-Chlorophenol	0.34	U	0.34	0.012	mg/Kg	☼	10/06/25 21:57	10/07/25 19:04	1
2-Methylnaphthalene	0.34	U	0.34	0.0096	mg/Kg	☼	10/06/25 21:57	10/07/25 19:04	1
2-Methylphenol	0.34	U	0.34	0.013	mg/Kg	☼	10/06/25 21:57	10/07/25 19:04	1
2-Nitroaniline	0.34	U	0.34	0.026	mg/Kg	☼	10/06/25 21:57	10/07/25 19:04	1
2-Nitrophenol	0.34	U	0.34	0.034	mg/Kg	☼	10/06/25 21:57	10/07/25 19:04	1
3 & 4 Methylphenol	0.34	U	0.34	0.021	mg/Kg	☼	10/06/25 21:57	10/07/25 19:04	1
3,3'-Dichlorobenzidine	0.14	U	0.14	0.052	mg/Kg	☼	10/06/25 21:57	10/07/25 19:04	1
3-Nitroaniline	0.34	U	0.34	0.082	mg/Kg	☼	10/06/25 21:57	10/07/25 19:04	1
4,6-Dinitro-2-methylphenol	0.28	U	0.28	0.14	mg/Kg	☼	10/06/25 21:57	10/07/25 19:04	1
4-Bromophenyl phenyl ether	0.34	U	0.34	0.014	mg/Kg	☼	10/06/25 21:57	10/07/25 19:04	1
4-Chloro-3-methylphenol	0.34	U	0.34	0.019	mg/Kg	☼	10/06/25 21:57	10/07/25 19:04	1
4-Chloroaniline	0.34	U	0.34	0.061	mg/Kg	☼	10/06/25 21:57	10/07/25 19:04	1
4-Chlorophenyl phenyl ether	0.34	U	0.34	0.012	mg/Kg	☼	10/06/25 21:57	10/07/25 19:04	1
4-Methylphenol	0.34	U	0.34	0.021	mg/Kg	☼	10/06/25 21:57	10/07/25 19:04	1
4-Nitroaniline	0.34	U	0.34	0.087	mg/Kg	☼	10/06/25 21:57	10/07/25 19:04	1
4-Nitrophenol	0.70	U	0.70	0.056	mg/Kg	☼	10/06/25 21:57	10/07/25 19:04	1
Acenaphthene	0.34	U	0.34	0.0098	mg/Kg	☼	10/06/25 21:57	10/07/25 19:04	1
Acenaphthylene	**0.011**	**J**	0.34	0.0098	mg/Kg	☼	10/06/25 21:57	10/07/25 19:04	1
Acetophenone	0.34	U	0.34	0.017	mg/Kg	☼	10/06/25 21:57	10/07/25 19:04	1
Anthracene	0.34	U	0.34	0.010	mg/Kg	☼	10/06/25 21:57	10/07/25 19:04	1
Atrazine	0.14	U	0.14	0.020	mg/Kg	☼	10/06/25 21:57	10/07/25 19:04	1
Benzaldehyde	0.34	U	0.34	0.057	mg/Kg	☼	10/06/25 21:57	10/07/25 19:04	1
Benzo[a]anthracene	0.034	U	0.034	0.026	mg/Kg	☼	10/06/25 21:57	10/07/25 19:04	1
Benzo[a]pyrene	**0.017**	**J**	0.034	0.0092	mg/Kg	☼	10/06/25 21:57	10/07/25 19:04	1
Benzo[b]fluoranthene	**0.022**	**J**	0.034	0.0089	mg/Kg	☼	10/06/25 21:57	10/07/25 19:04	1
Benzo[g,h,i]perylene	**0.020**	**J**	0.34	0.010	mg/Kg	☼	10/06/25 21:57	10/07/25 19:04	1
Benzo[k]fluoranthene	**0.0077**	**J**	0.034	0.0067	mg/Kg	☼	10/06/25 21:57	10/07/25 19:04	1
Bis(2-chloroethoxy)methane	0.34	U	0.34	0.064	mg/Kg	☼	10/06/25 21:57	10/07/25 19:04	1
Bis(2-chloroethyl)ether	0.034	U	0.034	0.012	mg/Kg	☼	10/06/25 21:57	10/07/25 19:04	1
Bis(2-ethylhexyl) phthalate	0.34	U	0.34	0.018	mg/Kg	☼	10/06/25 21:57	10/07/25 19:04	1
Butyl benzyl phthalate	0.34	U	0.34	0.016	mg/Kg	☼	10/06/25 21:57	10/07/25 19:04	1
Caprolactam	0.34	U	0.34	0.054	mg/Kg	☼	10/06/25 21:57	10/07/25 19:04	1
Carbazole	0.34	U	0.34	0.013	mg/Kg	☼	10/06/25 21:57	10/07/25 19:04	1
Chrysene	0.34	U	0.34	0.014	mg/Kg	☼	10/06/25 21:57	10/07/25 19:04	1
Dibenz(a,h)anthracene	0.034	U	0.034	0.015	mg/Kg	☼	10/06/25 21:57	10/07/25 19:04	1
Dibenzofuran	0.34	U	0.34	0.011	mg/Kg	☼	10/06/25 21:57	10/07/25 19:04	1

Client Sample ID: 1H_7-14
Date Collected: 10/03/25 09:35
Date Received: 10/03/25 16:15

Lab Sample ID: 460-336467-20
Matrix: Solid
Percent Solids: 96.2

Method: SW846 8270E - Semivolatile Organic Compounds (GC/MS) (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Diethyl phthalate	0.34	U	0.34	0.011	mg/Kg	☼	10/06/25 21:57	10/07/25 19:04	1
Dimethyl phthalate	0.34	U	0.34	0.078	mg/Kg	☼	10/06/25 21:57	10/07/25 19:04	1
Di-n-butyl phthalate	0.34	U	0.34	0.013	mg/Kg	☼	10/06/25 21:57	10/07/25 19:04	1
Di-n-octyl phthalate	0.34	U	0.34	0.018	mg/Kg	☼	10/06/25 21:57	10/07/25 19:04	1
Fluoranthene	**0.016**	**J**	0.34	0.012	mg/Kg	☼	10/06/25 21:57	10/07/25 19:04	1
Fluorene	0.34	U	0.34	0.010	mg/Kg	☼	10/06/25 21:57	10/07/25 19:04	1
Hexachlorobenzene	0.034	U	0.034	0.016	mg/Kg	☼	10/06/25 21:57	10/07/25 19:04	1
Hexachlorobutadiene	0.070	U	0.070	0.0073	mg/Kg	☼	10/06/25 21:57	10/07/25 19:04	1
Hexachlorocyclopentadiene	0.34	U	0.34	0.030	mg/Kg	☼	10/06/25 21:57	10/07/25 19:04	1
Hexachloroethane	0.034	U	0.034	0.012	mg/Kg	☼	10/06/25 21:57	10/07/25 19:04	1
Indeno[1,2,3-cd]pyrene	**0.015**	**J**	0.034	0.013	mg/Kg	☼	10/06/25 21:57	10/07/25 19:04	1
Isophorone	0.14	U	0.14	0.099	mg/Kg	☼	10/06/25 21:57	10/07/25 19:04	1
Naphthalene	0.34	U	0.34	0.0059	mg/Kg	☼	10/06/25 21:57	10/07/25 19:04	1
Nitrobenzene	0.034	U	0.034	0.019	mg/Kg	☼	10/06/25 21:57	10/07/25 19:04	1
N-Nitrosodi-n-propylamine	0.034	U	0.034	0.025	mg/Kg	☼	10/06/25 21:57	10/07/25 19:04	1
N-Nitrosodiphenylamine	0.34	U	0.34	0.028	mg/Kg	☼	10/06/25 21:57	10/07/25 19:04	1
Pentachlorophenol	0.28	U	0.28	0.070	mg/Kg	☼	10/06/25 21:57	10/07/25 19:04	1
Phenanthrene	0.34	U	0.34	0.014	mg/Kg	☼	10/06/25 21:57	10/07/25 19:04	1
Phenol	0.34	U	0.34	0.013	mg/Kg	☼	10/06/25 21:57	10/07/25 19:04	1
Pyrene	**0.015**	**J**	0.34	0.0086	mg/Kg	☼	10/06/25 21:57	10/07/25 19:04	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
2,4,6-Tribromophenol (Surr)	*72*		*18 - 137*	*10/06/25 21:57*	*10/07/25 19:04*	*1*
2-Fluorobiphenyl	*69*		*33 - 117*	*10/06/25 21:57*	*10/07/25 19:04*	*1*
2-Fluorophenol (Surr)	*67*		*24 - 120*	*10/06/25 21:57*	*10/07/25 19:04*	*1*
Nitrobenzene-d5 (Surr)	*59*		*27 - 120*	*10/06/25 21:57*	*10/07/25 19:04*	*1*
Phenol-d5 (Surr)	*63*		*28 - 118*	*10/06/25 21:57*	*10/07/25 19:04*	*1*
Terphenyl-d14 (Surr)	*73*		*33 - 124*	*10/06/25 21:57*	*10/07/25 19:04*	*1*

Method: SW846 8081B - Organochlorine Pesticides (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
4,4'-DDD	0.0070	U	0.0070	0.0012	mg/Kg	☼	10/06/25 10:37	10/07/25 11:56	1
4,4'-DDE	0.0070	U	0.0070	0.00082	mg/Kg	☼	10/06/25 10:37	10/07/25 11:56	1
4,4'-DDT	0.0070	U	0.0070	0.0013	mg/Kg	☼	10/06/25 10:37	10/07/25 11:56	1
Aldrin	0.0070	U	0.0070	0.0010	mg/Kg	☼	10/06/25 10:37	10/07/25 11:56	1
alpha-BHC	0.0021	U	0.0021	0.00071	mg/Kg	☼	10/06/25 10:37	10/07/25 11:56	1
beta-BHC	0.0021	U	0.0021	0.00078	mg/Kg	☼	10/06/25 10:37	10/07/25 11:56	1
Chlordane (technical)	0.070	U	0.070	0.017	mg/Kg	☼	10/06/25 10:37	10/07/25 11:56	1
cis-Chlordane	0.0070	U	0.0070	0.0011	mg/Kg	☼	10/06/25 10:37	10/07/25 11:56	1
delta-BHC	0.0021	U	0.0021	0.00043	mg/Kg	☼	10/06/25 10:37	10/07/25 11:56	1
Dieldrin	0.0021	U	0.0021	0.00090	mg/Kg	☼	10/06/25 10:37	10/07/25 11:56	1
Endosulfan I	0.0070	U	0.0070	0.0011	mg/Kg	☼	10/06/25 10:37	10/07/25 11:56	1
Endosulfan II	0.0070	U	0.0070	0.0018	mg/Kg	☼	10/06/25 10:37	10/07/25 11:56	1
Endosulfan sulfate	0.0070	U	0.0070	0.00087	mg/Kg	☼	10/06/25 10:37	10/07/25 11:56	1
Endrin	0.0070	U	0.0070	0.0010	mg/Kg	☼	10/06/25 10:37	10/07/25 11:56	1
Endrin aldehyde	0.0070	U	0.0070	0.0016	mg/Kg	☼	10/06/25 10:37	10/07/25 11:56	1
Endrin ketone	0.0070	U	0.0070	0.0013	mg/Kg	☼	10/06/25 10:37	10/07/25 11:56	1
gamma-BHC (Lindane)	0.0021	U	0.0021	0.00064	mg/Kg	☼	10/06/25 10:37	10/07/25 11:56	1
Heptachlor	0.0070	U	0.0070	0.00082	mg/Kg	☼	10/06/25 10:37	10/07/25 11:56	1
Heptachlor epoxide	0.0070	U	0.0070	0.0010	mg/Kg	☼	10/06/25 10:37	10/07/25 11:56	1

Client Sample ID: 1H_7-14
Date Collected: 10/03/25 09:35
Date Received: 10/03/25 16:15

Lab Sample ID: 460-336467-20
Matrix: Solid
Percent Solids: 96.2

Method: SW846 8081B - Organochlorine Pesticides (GC) (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Methoxychlor	0.0070	U	0.0070	0.0016	mg/Kg	☼	10/06/25 10:37	10/07/25 11:56	1
Toxaphene	0.070	U	0.070	0.025	mg/Kg	☼	10/06/25 10:37	10/07/25 11:56	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
DCB Decachlorobiphenyl	*55*		*10 - 150*	*10/06/25 10:37*	*10/07/25 11:56*	*1*
DCB Decachlorobiphenyl	*39*		*10 - 150*	*10/06/25 10:37*	*10/07/25 11:56*	*1*
Tetrachloro-m-xylene	*71*		*14 - 150*	*10/06/25 10:37*	*10/07/25 11:56*	*1*
Tetrachloro-m-xylene	*61*		*14 - 150*	*10/06/25 10:37*	*10/07/25 11:56*	*1*

Method: SW846 8082A - Polychlorinated Biphenyls (PCBs) by Gas Chromatography

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Aroclor 1016	0.070	U	0.070	0.018	mg/Kg	☼	10/06/25 10:33	10/08/25 01:17	1
Aroclor 1221	0.070	U	0.070	0.018	mg/Kg	☼	10/06/25 10:33	10/08/25 01:17	1
Aroclor 1232	0.070	U	0.070	0.018	mg/Kg	☼	10/06/25 10:33	10/08/25 01:17	1
Aroclor 1242	0.070	U	0.070	0.018	mg/Kg	☼	10/06/25 10:33	10/08/25 01:17	1
Aroclor 1248	0.070	U	0.070	0.018	mg/Kg	☼	10/06/25 10:33	10/08/25 01:17	1
Aroclor 1254	0.070	U	0.070	0.018	mg/Kg	☼	10/06/25 10:33	10/08/25 01:17	1
Aroclor 1260	0.070	U	0.070	0.018	mg/Kg	☼	10/06/25 10:33	10/08/25 01:17	1
Aroclor-1262	0.070	U	0.070	0.018	mg/Kg	☼	10/06/25 10:33	10/08/25 01:17	1
Aroclor 1268	0.070	U	0.070	0.018	mg/Kg	☼	10/06/25 10:33	10/08/25 01:17	1
Polychlorinated biphenyls, Total	0.070	U	0.070	0.018	mg/Kg	☼	10/06/25 10:33	10/08/25 01:17	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
DCB Decachlorobiphenyl	*63*		*10 - 150*	*10/06/25 10:33*	*10/08/25 01:17*	*1*
DCB Decachlorobiphenyl	*62*		*10 - 150*	*10/06/25 10:33*	*10/08/25 01:17*	*1*
Tetrachloro-m-xylene	*116*		*10 - 150*	*10/06/25 10:33*	*10/08/25 01:17*	*1*
Tetrachloro-m-xylene	*119*		*10 - 150*	*10/06/25 10:33*	*10/08/25 01:17*	*1*

Method: EPA 1633A - Per- and Polyfluoroalkyl Substances by LC/MS/MS, 1633A

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Perfluorobutanoic acid (PFBA)	**0.27**	**J**	0.39	0.098	ug/Kg	☼	10/08/25 14:13	10/09/25 06:32	1
Perfluoropentanoic acid (PFPeA)	0.20	U	0.20	0.098	ug/Kg	☼	10/08/25 14:13	10/09/25 06:32	1
Perfluorohexanoic acid (PFHxA)	**0.13**	**J**	0.20	0.098	ug/Kg	☼	10/08/25 14:13	10/09/25 06:32	1
Perfluoroheptanoic acid (PFHpA)	0.20	U	0.20	0.098	ug/Kg	☼	10/08/25 14:13	10/09/25 06:32	1
Perfluorooctanoic acid (PFOA)	**0.16**	**J**	0.20	0.059	ug/Kg	☼	10/08/25 14:13	10/09/25 06:32	1
Perfluorononanoic acid (PFNA)	0.20	U	0.20	0.098	ug/Kg	☼	10/08/25 14:13	10/09/25 06:32	1
Perfluorodecanoic acid (PFDA)	0.20	U	0.20	0.059	ug/Kg	☼	10/08/25 14:13	10/09/25 06:32	1
Perfluoroundecanoic acid (PFUnA)	**0.35**		0.20	0.098	ug/Kg	☼	10/08/25 14:13	10/09/25 06:32	1
Perfluorododecanoic acid (PFDoA)	0.20	U	0.20	0.098	ug/Kg	☼	10/08/25 14:13	10/09/25 06:32	1
Perfluorotridecanoic acid (PFTrDA)	**0.27**		0.20	0.098	ug/Kg	☼	10/08/25 14:13	10/09/25 06:32	1
Perfluorotetradecanoic acid (PFTeDA)	0.20	U	0.20	0.098	ug/Kg	☼	10/08/25 14:13	10/09/25 06:32	1
Perfluorobutanesulfonic acid (PFBS)	0.20	U	0.20	0.098	ug/Kg	☼	10/08/25 14:13	10/09/25 06:32	1
Perfluoropentanesulfonic acid (PFPeS)	0.20	U	0.20	0.098	ug/Kg	☼	10/08/25 14:13	10/09/25 06:32	1
Perfluorohexanesulfonic acid (PFHxS)	0.20	U	0.20	0.098	ug/Kg	☼	10/08/25 14:13	10/09/25 06:32	1
Perfluoroheptanesulfonic acid (PFHpS)	0.20	U	0.20	0.098	ug/Kg	☼	10/08/25 14:13	10/09/25 06:32	1
Perfluorooctanesulfonic acid (PFOS)	**0.11**	**J**	0.20	0.098	ug/Kg	☼	10/08/25 14:13	10/09/25 06:32	1
Perfluorononanesulfonic acid (PFNS)	0.20	U	0.20	0.098	ug/Kg	☼	10/08/25 14:13	10/09/25 06:32	1

Client Sample ID: 1H_7-14
Date Collected: 10/03/25 09:35
Date Received: 10/03/25 16:15

Lab Sample ID: 460-336467-20
Matrix: Solid
Percent Solids: 96.2

Method: EPA 1633A - Per- and Polyfluoroalkyl Substances by LC/MS/MS, 1633A (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Perfluorodecanesulfonic acid (PFDS)	0.20	U	0.20	0.098	ug/Kg	☼	10/08/25 14:13	10/09/25 06:32	1
Perfluorododecanesulfonic acid (PFDoS)	0.20	U	0.20	0.098	ug/Kg	☼	10/08/25 14:13	10/09/25 06:32	1
1H,1H,2H,2H-Perfluorohexane sulfonic acid (4:2 FTS)	0.39	U	0.39	0.20	ug/Kg	☼	10/08/25 14:13	10/09/25 06:32	1
1H,1H,2H,2H-Perfluorooctane sulfonic acid (6:2 FTS)	0.39	U	0.39	0.20	ug/Kg	☼	10/08/25 14:13	10/09/25 06:32	1
1H,1H,2H,2H-Perfluorodecane sulfonic acid (8:2 FTS)	0.39	U	0.39	0.20	ug/Kg	☼	10/08/25 14:13	10/09/25 06:32	1
Perfluorooctanesulfonamide (PFOSA)	0.20	U	0.20	0.098	ug/Kg	☼	10/08/25 14:13	10/09/25 06:32	1
N-methylperfluorooctane sulfonamide (NMeFOSA)	0.20	U	0.20	0.098	ug/Kg	☼	10/08/25 14:13	10/09/25 06:32	1
N-ethylperfluorooctane sulfonamide (NEtFOSA)	0.20	U	0.20	0.098	ug/Kg	☼	10/08/25 14:13	10/09/25 06:32	1
N-methylperfluorooctanesulfonamidoacetic acid (NMeFOSAA)	0.20	U	0.20	0.098	ug/Kg	☼	10/08/25 14:13	10/09/25 06:32	1
N-ethylperfluorooctanesulfonamidoacetic acid (NEtFOSAA)	0.20	U	0.20	0.098	ug/Kg	☼	10/08/25 14:13	10/09/25 06:32	1
N-methylperfluorooctane sulfonamidoethanol (NMeFOSE)	0.98	U	0.98	0.49	ug/Kg	☼	10/08/25 14:13	10/09/25 06:32	1
N-ethylperfluorooctane sulfonamidoethanol (NEtFOSE)	0.98	U	0.98	0.49	ug/Kg	☼	10/08/25 14:13	10/09/25 06:32	1
Hexafluoropropylene Oxide Dimer Acid (HFPO-DA)	**0.19**	**J**	0.20	0.098	ug/Kg	☼	10/08/25 14:13	10/09/25 06:32	1
4,8-Dioxa-3H-perfluorononanoic acid (ADONA)	0.20	U	0.20	0.098	ug/Kg	☼	10/08/25 14:13	10/09/25 06:32	1
Perfluoro-3-methoxypropanoic acid (PFMPA)	0.20	U	0.20	0.098	ug/Kg	☼	10/08/25 14:13	10/09/25 06:32	1
Perfluoro-4-methoxybutanoic acid (PFMBA)	0.20	U	0.20	0.098	ug/Kg	☼	10/08/25 14:13	10/09/25 06:32	1
Nonafluoro-3,6-dioxaheptanoic acid (NFDHA)	0.20	U	0.20	0.098	ug/Kg	☼	10/08/25 14:13	10/09/25 06:32	1
9-Chlorohexadecafluoro-3-oxanonane-1-sulfonic acid (9Cl-PF3ONS)	0.20	U	0.20	0.098	ug/Kg	☼	10/08/25 14:13	10/09/25 06:32	1
11-Chloroeicosafluoro-3-oxaundecane-1-sulfonic acid (11Cl-PF3OUdS)	0.20	U	0.20	0.098	ug/Kg	☼	10/08/25 14:13	10/09/25 06:32	1
Perfluoro (2-ethoxyethane) sulfonic acid (PFEESA)	0.20	U	0.20	0.098	ug/Kg	☼	10/08/25 14:13	10/09/25 06:32	1
3-Perfluoropropylpropanoic acid (3:3 FTCA)	0.39	U	0.39	0.20	ug/Kg	☼	10/08/25 14:13	10/09/25 06:32	1
3-Perfluoropentylpropanoic acid (5:3 FTCA)	0.98	U	0.98	0.49	ug/Kg	☼	10/08/25 14:13	10/09/25 06:32	1
3-Perfluoroheptylpropanoic acid (7:3 FTCA)	0.98	U	0.98	0.49	ug/Kg	☼	10/08/25 14:13	10/09/25 06:32	1

Isotope Dilution	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
13C4 PFBA	*101*		*8 - 130*	*10/08/25 14:13*	*10/09/25 06:32*	*1*
13C5 PFPeA	*92.8*		*35 - 130*	*10/08/25 14:13*	*10/09/25 06:32*	*1*
13C5 PFHxA	*90.2*		*40 - 130*	*10/08/25 14:13*	*10/09/25 06:32*	*1*
13C4 PFHpA	*96.4*		*40 - 130*	*10/08/25 14:13*	*10/09/25 06:32*	*1*
13C8 PFOA	*95.4*		*40 - 130*	*10/08/25 14:13*	*10/09/25 06:32*	*1*
13C9 PFNA	*89.5*		*40 - 130*	*10/08/25 14:13*	*10/09/25 06:32*	*1*
13C6 PFDA	*96.8*		*40 - 130*	*10/08/25 14:13*	*10/09/25 06:32*	*1*
13C7 PFUnA	*92.4*		*40 - 130*	*10/08/25 14:13*	*10/09/25 06:32*	*1*
13C2 PFTeDA	*78.9*		*20 - 130*	*10/08/25 14:13*	*10/09/25 06:32*	*1*

Client Sample ID: 1H_7-14

Date Collected: 10/03/25 09:35
Date Received: 10/03/25 16:15

Lab Sample ID: 460-336467-20

Matrix: Solid
Percent Solids: 96.2

Method: EPA 1633A - Per- and Polyfluoroalkyl Substances by LC/MS/MS, 1633A (Continued)

Isotope Dilution	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
13C3 PFBS	97.6		40 - 135	10/08/25 14:13	10/09/25 06:32	1
13C3 PFHxS	94.1		40 - 130	10/08/25 14:13	10/09/25 06:32	1
13C8 PFOS	85.2		40 - 130	10/08/25 14:13	10/09/25 06:32	1
13C8 FOSA	78.9		40 - 130	10/08/25 14:13	10/09/25 06:32	1
d3-NMeFOSAA	65.4		40 - 135	10/08/25 14:13	10/09/25 06:32	1
d5-NEtFOSAA	89.9		40 - 150	10/08/25 14:13	10/09/25 06:32	1
13C2 4:2 FTS	130		40 - 165	10/08/25 14:13	10/09/25 06:32	1
13C2 6:2 FTS	123		40 - 215	10/08/25 14:13	10/09/25 06:32	1
13C2 8:2 FTS	93.4		40 - 275	10/08/25 14:13	10/09/25 06:32	1
13C3 HFPO-DA	88.8		40 - 130	10/08/25 14:13	10/09/25 06:32	1
d7-N-MeFOSE-M	47.0		20 - 130	10/08/25 14:13	10/09/25 06:32	1
d9-N-EtFOSE-M	39.3		15 - 130	10/08/25 14:13	10/09/25 06:32	1
d5-NEtPFOSA	65.6		10 - 130	10/08/25 14:13	10/09/25 06:32	1
d3-NMePFOSA	70.1		10 - 130	10/08/25 14:13	10/09/25 06:32	1
13C2 PFDoA	87.5		40 - 130	10/08/25 14:13	10/09/25 06:32	1

Method: SW846 6020B - Metals (ICP/MS)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Aluminum	4180		20.8	5.7	mg/Kg	☼	10/09/25 07:08	10/09/25 16:47	1
Antimony	0.66	J	1.0	0.15	mg/Kg	☼	10/09/25 07:08	10/09/25 16:47	1
Arsenic	7.3		1.0	0.11	mg/Kg	☼	10/09/25 07:08	10/09/25 16:47	1
Barium	37.1		2.1	0.15	mg/Kg	☼	10/09/25 07:08	10/09/25 16:47	1
Beryllium	0.39	J	0.42	0.023	mg/Kg	☼	10/09/25 07:08	10/09/25 16:47	1
Cadmium	0.23	J	1.0	0.12	mg/Kg	☼	10/09/25 07:08	10/09/25 16:47	1
Calcium	3870		104	10.1	mg/Kg	☼	10/09/25 07:08	10/09/25 16:47	1
Chromium	9.3		2.1	0.31	mg/Kg	☼	10/09/25 07:08	10/09/25 16:47	1
Cobalt	3.8		1.0	0.15	mg/Kg	☼	10/09/25 07:08	10/09/25 16:47	1
Copper	30.7		2.1	0.38	mg/Kg	☼	10/09/25 07:08	10/09/25 16:47	1
Iron	13900		62.4	8.0	mg/Kg	☼	10/09/25 07:08	10/09/25 16:47	1
Lead	67.5		0.62	0.21	mg/Kg	☼	10/09/25 07:08	10/09/25 16:47	1
Magnesium	2810		104	10.6	mg/Kg	☼	10/09/25 07:08	10/09/25 16:47	1
Manganese	175		4.2	0.42	mg/Kg	☼	10/09/25 07:08	10/09/25 16:47	1
Nickel	7.8		2.1	0.18	mg/Kg	☼	10/09/25 07:08	10/09/25 16:47	1
Potassium	580		104	16.8	mg/Kg	☼	10/09/25 07:08	10/09/25 16:47	1
Selenium	0.22	J	1.3	0.13	mg/Kg	☼	10/09/25 07:08	10/09/25 16:47	1
Silver	0.19	J	0.42	0.093	mg/Kg	☼	10/09/25 07:08	10/09/25 16:47	1
Sodium	55.2	J	104	47.5	mg/Kg	☼	10/09/25 07:08	10/09/25 16:47	1
Thallium	0.051	J	0.42	0.043	mg/Kg	☼	10/09/25 07:08	10/09/25 16:47	1
Vanadium	16.5		2.1	0.21	mg/Kg	☼	10/09/25 07:08	10/09/25 16:47	1
Zinc	44.4		8.3	1.1	mg/Kg	☼	10/09/25 07:08	10/09/25 16:47	1

Method: SW846 7471B - Mercury (CVAA)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	0.033		0.017	0.0079	mg/Kg	☼	10/13/25 07:47	10/13/25 15:52	1

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Percent Moisture (EPA Moisture)	3.8		1.0	1.0	%			10/07/25 16:17	1
Percent Solids (EPA Moisture)	96.2		1.0	1.0	%			10/07/25 16:17	1

Client Sample ID: 2A1_1-2
Date Collected: 10/03/25 09:40
Date Received: 10/03/25 16:15

Lab Sample ID: 460-336467-21
Matrix: Solid
Percent Solids: 97.8

Method: SW846 8260D - Volatile Organic Compounds by GC/MS

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1-Trichloroethane	0.0011	U	0.0011	0.00025	mg/Kg	☼	10/06/25 09:54	10/09/25 23:20	1
1,1,2,2-Tetrachloroethane	0.0011	U	0.0011	0.00056	mg/Kg	☼	10/06/25 09:54	10/09/25 23:20	1
1,1,2-Trichloro-1,2,2-trifluoroethane	0.0011	U	0.0011	0.00033	mg/Kg	☼	10/06/25 09:54	10/09/25 23:20	1
1,1,2-Trichloroethane	0.0011	U	0.0011	0.00065	mg/Kg	☼	10/06/25 09:54	10/09/25 23:20	1
1,1-Dichloroethane	0.0011	U	0.0011	0.00064	mg/Kg	☼	10/06/25 09:54	10/09/25 23:20	1
1,1-Dichloroethene	0.0011	U	0.0011	0.00024	mg/Kg	☼	10/06/25 09:54	10/09/25 23:20	1
1,2,3-Trichlorobenzene	0.0011	U	0.0011	0.00080	mg/Kg	☼	10/06/25 09:54	10/09/25 23:20	1
1,2,4-Trichlorobenzene	0.0011	U	0.0011	0.00039	mg/Kg	☼	10/06/25 09:54	10/09/25 23:20	1
1,2,4-Trimethylbenzene	0.0011	U	0.0011	0.00027	mg/Kg	☼	10/06/25 09:54	10/09/25 23:20	1
1,2-Dibromo-3-Chloropropane	0.0011	U	0.0011	0.00050	mg/Kg	☼	10/06/25 09:54	10/09/25 23:20	1
1,2-Dichlorobenzene	0.0011	U	0.0011	0.00039	mg/Kg	☼	10/06/25 09:54	10/09/25 23:20	1
1,2-Dichloroethane	0.0011	U	0.0011	0.00032	mg/Kg	☼	10/06/25 09:54	10/09/25 23:20	1
1,2-Dichloropropane	0.0011	U	0.0011	0.00046	mg/Kg	☼	10/06/25 09:54	10/09/25 23:20	1
1,3,5-Trimethylbenzene	0.0011	U	0.0011	0.00034	mg/Kg	☼	10/06/25 09:54	10/09/25 23:20	1
1,3-Dichlorobenzene	0.0011	U	0.0011	0.00039	mg/Kg	☼	10/06/25 09:54	10/09/25 23:20	1
1,4-Dichlorobenzene	0.0011	U	0.0011	0.00056	mg/Kg	☼	10/06/25 09:54	10/09/25 23:20	1
2-Butanone (MEK)	0.0054	U	0.0054	0.00040	mg/Kg	☼	10/06/25 09:54	10/09/25 23:20	1
2-Hexanone	0.0054	U	0.0054	0.0018	mg/Kg	☼	10/06/25 09:54	10/09/25 23:20	1
4-Methyl-2-pentanone (MIBK)	0.0054	U	0.0054	0.0017	mg/Kg	☼	10/06/25 09:54	10/09/25 23:20	1
Acetone	**0.032**		0.0065	0.0062	mg/Kg	☼	10/06/25 09:54	10/09/25 23:20	1
Benzene	0.0011	U	0.0011	0.00061	mg/Kg	☼	10/06/25 09:54	10/09/25 23:20	1
Bromoform	0.0011	U	0.0011	0.00046	mg/Kg	☼	10/06/25 09:54	10/09/25 23:20	1
Bromomethane	0.0022	U *	0.0022	0.0011	mg/Kg	☼	10/06/25 09:54	10/09/25 23:20	1
Carbon disulfide	0.0011	U	0.0011	0.00029	mg/Kg	☼	10/06/25 09:54	10/09/25 23:20	1
Carbon tetrachloride	0.0011	U	0.0011	0.00042	mg/Kg	☼	10/06/25 09:54	10/09/25 23:20	1
Chlorobenzene	0.0011	U	0.0011	0.00055	mg/Kg	☼	10/06/25 09:54	10/09/25 23:20	1
Chlorobromomethane	0.0011	U	0.0011	0.00064	mg/Kg	☼	10/06/25 09:54	10/09/25 23:20	1
Chlorodibromomethane	0.0011	U	0.0011	0.00058	mg/Kg	☼	10/06/25 09:54	10/09/25 23:20	1
Chloroethane	0.0011	U *	0.0011	0.00056	mg/Kg	☼	10/06/25 09:54	10/09/25 23:20	1
Chloroform	0.0011	U	0.0011	0.0010	mg/Kg	☼	10/06/25 09:54	10/09/25 23:20	1
Chloromethane	0.0011	U	0.0011	0.00047	mg/Kg	☼	10/06/25 09:54	10/09/25 23:20	1
cis-1,2-Dichloroethene	0.0011	U	0.0011	0.00039	mg/Kg	☼	10/06/25 09:54	10/09/25 23:20	1
cis-1,3-Dichloropropene	0.0011	U	0.0011	0.00029	mg/Kg	☼	10/06/25 09:54	10/09/25 23:20	1
Cyclohexane	0.0011	U	0.0011	0.00024	mg/Kg	☼	10/06/25 09:54	10/09/25 23:20	1
Dichlorobromomethane	0.0011	U	0.0011	0.00028	mg/Kg	☼	10/06/25 09:54	10/09/25 23:20	1
Dichlorodifluoromethane	0.0011	U	0.0011	0.00037	mg/Kg	☼	10/06/25 09:54	10/09/25 23:20	1
Ethylbenzene	0.0011	U	0.0011	0.00051	mg/Kg	☼	10/06/25 09:54	10/09/25 23:20	1
Ethylene Dibromide	0.0011	U	0.0011	0.00054	mg/Kg	☼	10/06/25 09:54	10/09/25 23:20	1
Isopropylbenzene	0.0011	U	0.0011	0.00031	mg/Kg	☼	10/06/25 09:54	10/09/25 23:20	1
Methyl acetate	0.0054	U	0.0054	0.0046	mg/Kg	☼	10/06/25 09:54	10/09/25 23:20	1
Methyl tert-butyl ether	0.0011	U	0.0011	0.00055	mg/Kg	☼	10/06/25 09:54	10/09/25 23:20	1
Methylcyclohexane	0.0011	U	0.0011	0.00054	mg/Kg	☼	10/06/25 09:54	10/09/25 23:20	1
Methylene Chloride	0.0022	U	0.0022	0.0012	mg/Kg	☼	10/06/25 09:54	10/09/25 23:20	1
m-Xylene & p-Xylene	0.0011	U	0.0011	0.00046	mg/Kg	☼	10/06/25 09:54	10/09/25 23:20	1
n-Butylbenzene	0.0011	U	0.0011	0.00032	mg/Kg	☼	10/06/25 09:54	10/09/25 23:20	1
N-Propylbenzene	0.0011	U	0.0011	0.00049	mg/Kg	☼	10/06/25 09:54	10/09/25 23:20	1
o-Xylene	0.0011	U	0.0011	0.00050	mg/Kg	☼	10/06/25 09:54	10/09/25 23:20	1
sec-Butylbenzene	0.0011	U	0.0011	0.00031	mg/Kg	☼	10/06/25 09:54	10/09/25 23:20	1
Styrene	0.0011	U	0.0011	0.00030	mg/Kg	☼	10/06/25 09:54	10/09/25 23:20	1

Client Sample ID: 2A1_1-2

Date Collected: 10/03/25 09:40
Date Received: 10/03/25 16:15

Lab Sample ID: 460-336467-21

Matrix: Solid
Percent Solids: 97.8

Method: SW846 8260D - Volatile Organic Compounds by GC/MS (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
tert-Butylbenzene	0.0011	U	0.0011	0.00030	mg/Kg	☼	10/06/25 09:54	10/09/25 23:20	1
Tetrachloroethene	0.0011	U	0.0011	0.00033	mg/Kg	☼	10/06/25 09:54	10/09/25 23:20	1
Toluene	**0.00045**	**J**	0.0011	0.00025	mg/Kg	☼	10/06/25 09:54	10/09/25 23:20	1
trans-1,2-Dichloroethene	0.0011	U	0.0011	0.00027	mg/Kg	☼	10/06/25 09:54	10/09/25 23:20	1
trans-1,3-Dichloropropene	0.0011	U	0.0011	0.00029	mg/Kg	☼	10/06/25 09:54	10/09/25 23:20	1
Trichloroethene	0.0011	U	0.0011	0.00035	mg/Kg	☼	10/06/25 09:54	10/09/25 23:20	1
Trichlorofluoromethane	0.0011	U	0.0011	0.00044	mg/Kg	☼	10/06/25 09:54	10/09/25 23:20	1
Vinyl chloride	0.0011	U	0.0011	0.00059	mg/Kg	☼	10/06/25 09:54	10/09/25 23:20	1
Xylenes, Total	0.0022	U	0.0022	0.00019	mg/Kg	☼	10/06/25 09:54	10/09/25 23:20	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,2-Dichloroethane-d4 (Surr)	*92*		*65 - 138*	*10/06/25 09:54*	*10/09/25 23:20*	*1*
4-Bromofluorobenzene	*99*		*71 - 128*	*10/06/25 09:54*	*10/09/25 23:20*	*1*
Dibromofluoromethane (Surr)	*98*		*50 - 150*	*10/06/25 09:54*	*10/09/25 23:20*	*1*
Toluene-d8 (Surr)	*101*		*71 - 126*	*10/06/25 09:54*	*10/09/25 23:20*	*1*

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Percent Moisture (EPA Moisture)	**2.2**		1.0	1.0	%			10/09/25 15:54	1
Percent Solids (EPA Moisture)	**97.8**		1.0	1.0	%			10/09/25 15:54	1

Client Sample ID: 2A2_3-4

Date Collected: 10/03/25 09:45
Date Received: 10/03/25 16:15

Lab Sample ID: 460-336467-22

Matrix: Solid
Percent Solids: 99.2

Method: SW846 8260D - Volatile Organic Compounds by GC/MS

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1-Trichloroethane	0.00079	U	0.00079	0.00018	mg/Kg	☼	10/06/25 09:54	10/09/25 23:44	1
1,1,2,2-Tetrachloroethane	0.00079	U	0.00079	0.00041	mg/Kg	☼	10/06/25 09:54	10/09/25 23:44	1
1,1,2-Trichloro-1,2,2-trifluoroethane	0.00079	U	0.00079	0.00024	mg/Kg	☼	10/06/25 09:54	10/09/25 23:44	1
1,1,2-Trichloroethane	0.00079	U	0.00079	0.00047	mg/Kg	☼	10/06/25 09:54	10/09/25 23:44	1
1,1-Dichloroethane	0.00079	U	0.00079	0.00047	mg/Kg	☼	10/06/25 09:54	10/09/25 23:44	1
1,1-Dichloroethene	0.00079	U	0.00079	0.00018	mg/Kg	☼	10/06/25 09:54	10/09/25 23:44	1
1,2,3-Trichlorobenzene	0.00079	U	0.00079	0.00058	mg/Kg	☼	10/06/25 09:54	10/09/25 23:44	1
1,2,4-Trichlorobenzene	0.00079	U	0.00079	0.00028	mg/Kg	☼	10/06/25 09:54	10/09/25 23:44	1
1,2,4-Trimethylbenzene	0.00079	U	0.00079	0.00019	mg/Kg	☼	10/06/25 09:54	10/09/25 23:44	1
1,2-Dibromo-3-Chloropropane	0.00079	U	0.00079	0.00036	mg/Kg	☼	10/06/25 09:54	10/09/25 23:44	1
1,2-Dichlorobenzene	0.00079	U	0.00079	0.00028	mg/Kg	☼	10/06/25 09:54	10/09/25 23:44	1
1,2-Dichloroethane	0.00079	U	0.00079	0.00023	mg/Kg	☼	10/06/25 09:54	10/09/25 23:44	1
1,2-Dichloropropane	0.00079	U	0.00079	0.00033	mg/Kg	☼	10/06/25 09:54	10/09/25 23:44	1
1,3,5-Trimethylbenzene	0.00079	U	0.00079	0.00025	mg/Kg	☼	10/06/25 09:54	10/09/25 23:44	1
1,3-Dichlorobenzene	0.00079	U	0.00079	0.00029	mg/Kg	☼	10/06/25 09:54	10/09/25 23:44	1
1,4-Dichlorobenzene	0.00079	U	0.00079	0.00041	mg/Kg	☼	10/06/25 09:54	10/09/25 23:44	1
2-Butanone (MEK)	0.0039	U	0.0039	0.00029	mg/Kg	☼	10/06/25 09:54	10/09/25 23:44	1
2-Hexanone	0.0039	U	0.0039	0.0013	mg/Kg	☼	10/06/25 09:54	10/09/25 23:44	1
4-Methyl-2-pentanone (MIBK)	0.0039	U	0.0039	0.0012	mg/Kg	☼	10/06/25 09:54	10/09/25 23:44	1
Acetone	**0.047**		0.0047	0.0045	mg/Kg	☼	10/06/25 09:54	10/09/25 23:44	1
Benzene	0.00079	U	0.00079	0.00045	mg/Kg	☼	10/06/25 09:54	10/09/25 23:44	1
Bromoform	0.00079	U	0.00079	0.00033	mg/Kg	☼	10/06/25 09:54	10/09/25 23:44	1
Bromomethane	0.0016	U *	0.0016	0.00079	mg/Kg	☼	10/06/25 09:54	10/09/25 23:44	1

Client Sample ID: 2A2_3-4
Date Collected: 10/03/25 09:45
Date Received: 10/03/25 16:15

Lab Sample ID: 460-336467-22
Matrix: Solid
Percent Solids: 99.2

Method: SW846 8260D - Volatile Organic Compounds by GC/MS (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Carbon disulfide	0.00079	U	0.00079	0.00021	mg/Kg	☼	10/06/25 09:54	10/09/25 23:44	1
Carbon tetrachloride	0.00079	U	0.00079	0.00030	mg/Kg	☼	10/06/25 09:54	10/09/25 23:44	1
Chlorobenzene	0.00079	U	0.00079	0.00040	mg/Kg	☼	10/06/25 09:54	10/09/25 23:44	1
Chlorobromomethane	0.00079	U	0.00079	0.00047	mg/Kg	☼	10/06/25 09:54	10/09/25 23:44	1
Chlorodibromomethane	0.00079	U	0.00079	0.00042	mg/Kg	☼	10/06/25 09:54	10/09/25 23:44	1
Chloroethane	0.00079	U *	0.00079	0.00041	mg/Kg	☼	10/06/25 09:54	10/09/25 23:44	1
Chloroform	0.00079	U	0.00079	0.00076	mg/Kg	☼	10/06/25 09:54	10/09/25 23:44	1
Chloromethane	0.00079	U	0.00079	0.00034	mg/Kg	☼	10/06/25 09:54	10/09/25 23:44	1
cis-1,2-Dichloroethene	0.00079	U	0.00079	0.00028	mg/Kg	☼	10/06/25 09:54	10/09/25 23:44	1
cis-1,3-Dichloropropene	0.00079	U	0.00079	0.00021	mg/Kg	☼	10/06/25 09:54	10/09/25 23:44	1
Cyclohexane	0.00079	U	0.00079	0.00017	mg/Kg	☼	10/06/25 09:54	10/09/25 23:44	1
Dichlorobromomethane	0.00079	U	0.00079	0.00020	mg/Kg	☼	10/06/25 09:54	10/09/25 23:44	1
Dichlorodifluoromethane	0.00079	U	0.00079	0.00027	mg/Kg	☼	10/06/25 09:54	10/09/25 23:44	1
Ethylbenzene	0.00079	U	0.00079	0.00037	mg/Kg	☼	10/06/25 09:54	10/09/25 23:44	1
Ethylene Dibromide	0.00079	U	0.00079	0.00040	mg/Kg	☼	10/06/25 09:54	10/09/25 23:44	1
Isopropylbenzene	0.00079	U	0.00079	0.00022	mg/Kg	☼	10/06/25 09:54	10/09/25 23:44	1
Methyl acetate	0.0039	U	0.0039	0.0034	mg/Kg	☼	10/06/25 09:54	10/09/25 23:44	1
Methyl tert-butyl ether	0.00079	U	0.00079	0.00040	mg/Kg	☼	10/06/25 09:54	10/09/25 23:44	1
Methylcyclohexane	0.00079	U	0.00079	0.00039	mg/Kg	☼	10/06/25 09:54	10/09/25 23:44	1
Methylene Chloride	0.0016	U	0.0016	0.00090	mg/Kg	☼	10/06/25 09:54	10/09/25 23:44	1
m-Xylene & p-Xylene	0.00079	U	0.00079	0.00033	mg/Kg	☼	10/06/25 09:54	10/09/25 23:44	1
n-Butylbenzene	0.00079	U	0.00079	0.00023	mg/Kg	☼	10/06/25 09:54	10/09/25 23:44	1
N-Propylbenzene	0.00079	U	0.00079	0.00035	mg/Kg	☼	10/06/25 09:54	10/09/25 23:44	1
o-Xylene	0.00079	U	0.00079	0.00036	mg/Kg	☼	10/06/25 09:54	10/09/25 23:44	1
sec-Butylbenzene	0.00079	U	0.00079	0.00023	mg/Kg	☼	10/06/25 09:54	10/09/25 23:44	1
Styrene	0.00079	U	0.00079	0.00022	mg/Kg	☼	10/06/25 09:54	10/09/25 23:44	1
tert-Butylbenzene	0.00079	U	0.00079	0.00022	mg/Kg	☼	10/06/25 09:54	10/09/25 23:44	1
Tetrachloroethene	0.00079	U	0.00079	0.00024	mg/Kg	☼	10/06/25 09:54	10/09/25 23:44	1
Toluene	**0.00034**	**J**	0.00079	0.00018	mg/Kg	☼	10/06/25 09:54	10/09/25 23:44	1
trans-1,2-Dichloroethene	0.00079	U	0.00079	0.00019	mg/Kg	☼	10/06/25 09:54	10/09/25 23:44	1
trans-1,3-Dichloropropene	0.00079	U	0.00079	0.00021	mg/Kg	☼	10/06/25 09:54	10/09/25 23:44	1
Trichloroethene	0.00079	U	0.00079	0.00025	mg/Kg	☼	10/06/25 09:54	10/09/25 23:44	1
Trichlorofluoromethane	0.00079	U	0.00079	0.00032	mg/Kg	☼	10/06/25 09:54	10/09/25 23:44	1
Vinyl chloride	0.00079	U	0.00079	0.00043	mg/Kg	☼	10/06/25 09:54	10/09/25 23:44	1
Xylenes, Total	0.0016	U	0.0016	0.00014	mg/Kg	☼	10/06/25 09:54	10/09/25 23:44	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,2-Dichloroethane-d4 (Surr)	*93*		*65 - 138*	*10/06/25 09:54*	*10/09/25 23:44*	*1*
4-Bromofluorobenzene	*105*		*71 - 128*	*10/06/25 09:54*	*10/09/25 23:44*	*1*
Dibromofluoromethane (Surr)	*99*		*50 - 150*	*10/06/25 09:54*	*10/09/25 23:44*	*1*
Toluene-d8 (Surr)	*102*		*71 - 126*	*10/06/25 09:54*	*10/09/25 23:44*	*1*

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Percent Moisture (EPA Moisture)	1.0	U	1.0	1.0	%			10/09/25 15:54	1
Percent Solids (EPA Moisture)	**99.2**		1.0	1.0	%			10/09/25 15:54	1

Client Sample ID: 2A3_4-5
Date Collected: 10/03/25 09:50
Date Received: 10/03/25 16:15

Lab Sample ID: 460-336467-23
Matrix: Solid
Percent Solids: 96.9

Method: SW846 8260D - Volatile Organic Compounds by GC/MS

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1-Trichloroethane	0.0011	U	0.0011	0.00026	mg/Kg	☼	10/06/25 09:55	10/10/25 00:08	1
1,1,2,2-Tetrachloroethane	0.0011	U	0.0011	0.00058	mg/Kg	☼	10/06/25 09:55	10/10/25 00:08	1
1,1,2-Trichloro-1,2,2-trifluoroethane	0.0011	U	0.0011	0.00033	mg/Kg	☼	10/06/25 09:55	10/10/25 00:08	1
1,1,2-Trichloroethane	0.0011	U	0.0011	0.00066	mg/Kg	☼	10/06/25 09:55	10/10/25 00:08	1
1,1-Dichloroethane	0.0011	U	0.0011	0.00066	mg/Kg	☼	10/06/25 09:55	10/10/25 00:08	1
1,1-Dichloroethene	0.0011	U	0.0011	0.00025	mg/Kg	☼	10/06/25 09:55	10/10/25 00:08	1
1,2,3-Trichlorobenzene	0.0011	U	0.0011	0.00082	mg/Kg	☼	10/06/25 09:55	10/10/25 00:08	1
1,2,4-Trichlorobenzene	0.0011	U	0.0011	0.00040	mg/Kg	☼	10/06/25 09:55	10/10/25 00:08	1
1,2,4-Trimethylbenzene	0.0011	U	0.0011	0.00027	mg/Kg	☼	10/06/25 09:55	10/10/25 00:08	1
1,2-Dibromo-3-Chloropropane	0.0011	U	0.0011	0.00051	mg/Kg	☼	10/06/25 09:55	10/10/25 00:08	1
1,2-Dichlorobenzene	0.0011	U	0.0011	0.00040	mg/Kg	☼	10/06/25 09:55	10/10/25 00:08	1
1,2-Dichloroethane	0.0011	U	0.0011	0.00033	mg/Kg	☼	10/06/25 09:55	10/10/25 00:08	1
1,2-Dichloropropane	0.0011	U	0.0011	0.00047	mg/Kg	☼	10/06/25 09:55	10/10/25 00:08	1
1,3,5-Trimethylbenzene	0.0011	U	0.0011	0.00035	mg/Kg	☼	10/06/25 09:55	10/10/25 00:08	1
1,3-Dichlorobenzene	0.0011	U	0.0011	0.00040	mg/Kg	☼	10/06/25 09:55	10/10/25 00:08	1
1,4-Dichlorobenzene	0.0011	U	0.0011	0.00057	mg/Kg	☼	10/06/25 09:55	10/10/25 00:08	1
2-Butanone (MEK)	0.0055	U	0.0055	0.00041	mg/Kg	☼	10/06/25 09:55	10/10/25 00:08	1
2-Hexanone	0.0055	U	0.0055	0.0019	mg/Kg	☼	10/06/25 09:55	10/10/25 00:08	1
4-Methyl-2-pentanone (MIBK)	0.0055	U	0.0055	0.0017	mg/Kg	☼	10/06/25 09:55	10/10/25 00:08	1
Acetone	**0.13**		0.0066	0.0063	mg/Kg	☼	10/06/25 09:55	10/10/25 00:08	1
Benzene	0.0011	U	0.0011	0.00063	mg/Kg	☼	10/06/25 09:55	10/10/25 00:08	1
Bromoform	0.0011	U	0.0011	0.00047	mg/Kg	☼	10/06/25 09:55	10/10/25 00:08	1
Bromomethane	0.0022	U *	0.0022	0.0011	mg/Kg	☼	10/06/25 09:55	10/10/25 00:08	1
Carbon disulfide	0.0011	U	0.0011	0.00029	mg/Kg	☼	10/06/25 09:55	10/10/25 00:08	1
Carbon tetrachloride	0.0011	U	0.0011	0.00043	mg/Kg	☼	10/06/25 09:55	10/10/25 00:08	1
Chlorobenzene	0.0011	U	0.0011	0.00056	mg/Kg	☼	10/06/25 09:55	10/10/25 00:08	1
Chlorobromomethane	0.0011	U	0.0011	0.00066	mg/Kg	☼	10/06/25 09:55	10/10/25 00:08	1
Chlorodibromomethane	0.0011	U	0.0011	0.00059	mg/Kg	☼	10/06/25 09:55	10/10/25 00:08	1
Chloroethane	0.0011	U *	0.0011	0.00058	mg/Kg	☼	10/06/25 09:55	10/10/25 00:08	1
Chloroform	0.0011	U	0.0011	0.0011	mg/Kg	☼	10/06/25 09:55	10/10/25 00:08	1
Chloromethane	0.0011	U	0.0011	0.00048	mg/Kg	☼	10/06/25 09:55	10/10/25 00:08	1
cis-1,2-Dichloroethene	0.0011	U	0.0011	0.00040	mg/Kg	☼	10/06/25 09:55	10/10/25 00:08	1
cis-1,3-Dichloropropene	0.0011	U	0.0011	0.00030	mg/Kg	☼	10/06/25 09:55	10/10/25 00:08	1
Cyclohexane	0.0011	U	0.0011	0.00024	mg/Kg	☼	10/06/25 09:55	10/10/25 00:08	1
Dichlorobromomethane	0.0011	U	0.0011	0.00028	mg/Kg	☼	10/06/25 09:55	10/10/25 00:08	1
Dichlorodifluoromethane	0.0011	U	0.0011	0.00037	mg/Kg	☼	10/06/25 09:55	10/10/25 00:08	1
Ethylbenzene	0.0011	U	0.0011	0.00052	mg/Kg	☼	10/06/25 09:55	10/10/25 00:08	1
Ethylene Dibromide	0.0011	U	0.0011	0.00056	mg/Kg	☼	10/06/25 09:55	10/10/25 00:08	1
Isopropylbenzene	0.0011	U	0.0011	0.00032	mg/Kg	☼	10/06/25 09:55	10/10/25 00:08	1
Methyl acetate	0.0055	U	0.0055	0.0048	mg/Kg	☼	10/06/25 09:55	10/10/25 00:08	1
Methyl tert-butyl ether	0.0011	U	0.0011	0.00057	mg/Kg	☼	10/06/25 09:55	10/10/25 00:08	1
Methylcyclohexane	0.0011	U	0.0011	0.00055	mg/Kg	☼	10/06/25 09:55	10/10/25 00:08	1
Methylene Chloride	0.0022	U	0.0022	0.0013	mg/Kg	☼	10/06/25 09:55	10/10/25 00:08	1
m-Xylene & p-Xylene	0.0011	U	0.0011	0.00047	mg/Kg	☼	10/06/25 09:55	10/10/25 00:08	1
n-Butylbenzene	0.0011	U	0.0011	0.00033	mg/Kg	☼	10/06/25 09:55	10/10/25 00:08	1
N-Propylbenzene	0.0011	U	0.0011	0.00050	mg/Kg	☼	10/06/25 09:55	10/10/25 00:08	1
o-Xylene	0.0011	U	0.0011	0.00051	mg/Kg	☼	10/06/25 09:55	10/10/25 00:08	1
sec-Butylbenzene	0.0011	U	0.0011	0.00032	mg/Kg	☼	10/06/25 09:55	10/10/25 00:08	1
Styrene	0.0011	U	0.0011	0.00031	mg/Kg	☼	10/06/25 09:55	10/10/25 00:08	1

Client Sample ID: 2A3_4-5

Date Collected: 10/03/25 09:50
Date Received: 10/03/25 16:15

Lab Sample ID: 460-336467-23

Matrix: Solid
Percent Solids: 96.9

Method: SW846 8260D - Volatile Organic Compounds by GC/MS (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
tert-Butylbenzene	0.0011	U	0.0011	0.00031	mg/Kg	☼	10/06/25 09:55	10/10/25 00:08	1
Tetrachloroethene	0.0011	U	0.0011	0.00034	mg/Kg	☼	10/06/25 09:55	10/10/25 00:08	1
Toluene	**0.00050**	**J**	0.0011	0.00026	mg/Kg	☼	10/06/25 09:55	10/10/25 00:08	1
trans-1,2-Dichloroethene	0.0011	U	0.0011	0.00027	mg/Kg	☼	10/06/25 09:55	10/10/25 00:08	1
trans-1,3-Dichloropropene	0.0011	U	0.0011	0.00029	mg/Kg	☼	10/06/25 09:55	10/10/25 00:08	1
Trichloroethene	0.0011	U	0.0011	0.00036	mg/Kg	☼	10/06/25 09:55	10/10/25 00:08	1
Trichlorofluoromethane	0.0011	U	0.0011	0.00045	mg/Kg	☼	10/06/25 09:55	10/10/25 00:08	1
Vinyl chloride	0.0011	U	0.0011	0.00060	mg/Kg	☼	10/06/25 09:55	10/10/25 00:08	1
Xylenes, Total	0.0022	U	0.0022	0.00019	mg/Kg	☼	10/06/25 09:55	10/10/25 00:08	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,2-Dichloroethane-d4 (Surr)	*90*		*65 - 138*	*10/06/25 09:55*	*10/10/25 00:08*	*1*
4-Bromofluorobenzene	*95*		*71 - 128*	*10/06/25 09:55*	*10/10/25 00:08*	*1*
Dibromofluoromethane (Surr)	*99*		*50 - 150*	*10/06/25 09:55*	*10/10/25 00:08*	*1*
Toluene-d8 (Surr)	*100*		*71 - 126*	*10/06/25 09:55*	*10/10/25 00:08*	*1*

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Percent Moisture (EPA Moisture)	**3.1**		1.0	1.0	%			10/09/25 15:54	1
Percent Solids (EPA Moisture)	**96.9**		1.0	1.0	%			10/09/25 15:54	1

Client Sample ID: 2A1_6-7

Date Collected: 10/03/25 09:55
Date Received: 10/03/25 16:15

Lab Sample ID: 460-336467-24

Matrix: Solid
Percent Solids: 97.4

Method: SW846 8260D - Volatile Organic Compounds by GC/MS

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1-Trichloroethane	0.0013	U	0.0013	0.00030	mg/Kg	☼	10/06/25 09:55	10/10/25 00:32	1
1,1,2,2-Tetrachloroethane	0.0013	U	0.0013	0.00067	mg/Kg	☼	10/06/25 09:55	10/10/25 00:32	1
1,1,2-Trichloro-1,2,2-trifluoroethane	0.0013	U	0.0013	0.00038	mg/Kg	☼	10/06/25 09:55	10/10/25 00:32	1
1,1,2-Trichloroethane	0.0013	U	0.0013	0.00077	mg/Kg	☼	10/06/25 09:55	10/10/25 00:32	1
1,1-Dichloroethane	0.0013	U	0.0013	0.00076	mg/Kg	☼	10/06/25 09:55	10/10/25 00:32	1
1,1-Dichloroethene	0.0013	U	0.0013	0.00029	mg/Kg	☼	10/06/25 09:55	10/10/25 00:32	1
1,2,3-Trichlorobenzene	0.0013	U	0.0013	0.00094	mg/Kg	☼	10/06/25 09:55	10/10/25 00:32	1
1,2,4-Trichlorobenzene	0.0013	U	0.0013	0.00046	mg/Kg	☼	10/06/25 09:55	10/10/25 00:32	1
1,2,4-Trimethylbenzene	0.0013	U	0.0013	0.00031	mg/Kg	☼	10/06/25 09:55	10/10/25 00:32	1
1,2-Dibromo-3-Chloropropane	0.0013	U	0.0013	0.00059	mg/Kg	☼	10/06/25 09:55	10/10/25 00:32	1
1,2-Dichlorobenzene	0.0013	U	0.0013	0.00046	mg/Kg	☼	10/06/25 09:55	10/10/25 00:32	1
1,2-Dichloroethane	0.0013	U	0.0013	0.00038	mg/Kg	☼	10/06/25 09:55	10/10/25 00:32	1
1,2-Dichloropropane	0.0013	U	0.0013	0.00054	mg/Kg	☼	10/06/25 09:55	10/10/25 00:32	1
1,3,5-Trimethylbenzene	0.0013	U	0.0013	0.00040	mg/Kg	☼	10/06/25 09:55	10/10/25 00:32	1
1,3-Dichlorobenzene	0.0013	U	0.0013	0.00047	mg/Kg	☼	10/06/25 09:55	10/10/25 00:32	1
1,4-Dichlorobenzene	0.0013	U	0.0013	0.00066	mg/Kg	☼	10/06/25 09:55	10/10/25 00:32	1
2-Butanone (MEK)	0.0064	U	0.0064	0.00047	mg/Kg	☼	10/06/25 09:55	10/10/25 00:32	1
2-Hexanone	0.0064	U	0.0064	0.0022	mg/Kg	☼	10/06/25 09:55	10/10/25 00:32	1
4-Methyl-2-pentanone (MIBK)	0.0064	U	0.0064	0.0020	mg/Kg	☼	10/06/25 09:55	10/10/25 00:32	1
Acetone	**0.015**		0.0076	0.0073	mg/Kg	☼	10/06/25 09:55	10/10/25 00:32	1
Benzene	0.0013	U	0.0013	0.00072	mg/Kg	☼	10/06/25 09:55	10/10/25 00:32	1
Bromoform	0.0013	U	0.0013	0.00054	mg/Kg	☼	10/06/25 09:55	10/10/25 00:32	1
Bromomethane	0.0025	U *	0.0025	0.0013	mg/Kg	☼	10/06/25 09:55	10/10/25 00:32	1

Client Sample ID: 2A1_6-7
Date Collected: 10/03/25 09:55
Date Received: 10/03/25 16:15

Lab Sample ID: 460-336467-24
Matrix: Solid
Percent Solids: 97.4

Method: SW846 8260D - Volatile Organic Compounds by GC/MS (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Carbon disulfide	0.0013	U	0.0013	0.00034	mg/Kg	☼	10/06/25 09:55	10/10/25 00:32	1
Carbon tetrachloride	0.0013	U	0.0013	0.00049	mg/Kg	☼	10/06/25 09:55	10/10/25 00:32	1
Chlorobenzene	0.0013	U	0.0013	0.00065	mg/Kg	☼	10/06/25 09:55	10/10/25 00:32	1
Chlorobromomethane	0.0013	U	0.0013	0.00076	mg/Kg	☼	10/06/25 09:55	10/10/25 00:32	1
Chlorodibromomethane	0.0013	U	0.0013	0.00068	mg/Kg	☼	10/06/25 09:55	10/10/25 00:32	1
Chloroethane	0.0013	U *	0.0013	0.00067	mg/Kg	☼	10/06/25 09:55	10/10/25 00:32	1
Chloroform	0.0013	U	0.0013	0.0012	mg/Kg	☼	10/06/25 09:55	10/10/25 00:32	1
Chloromethane	0.0013	U	0.0013	0.00055	mg/Kg	☼	10/06/25 09:55	10/10/25 00:32	1
cis-1,2-Dichloroethene	0.0013	U	0.0013	0.00046	mg/Kg	☼	10/06/25 09:55	10/10/25 00:32	1
cis-1,3-Dichloropropene	0.0013	U	0.0013	0.00035	mg/Kg	☼	10/06/25 09:55	10/10/25 00:32	1
Cyclohexane	0.0013	U	0.0013	0.00028	mg/Kg	☼	10/06/25 09:55	10/10/25 00:32	1
Dichlorobromomethane	0.0013	U	0.0013	0.00033	mg/Kg	☼	10/06/25 09:55	10/10/25 00:32	1
Dichlorodifluoromethane	0.0013	U	0.0013	0.00043	mg/Kg	☼	10/06/25 09:55	10/10/25 00:32	1
Ethylbenzene	0.0013	U	0.0013	0.00060	mg/Kg	☼	10/06/25 09:55	10/10/25 00:32	1
Ethylene Dibromide	0.0013	U	0.0013	0.00064	mg/Kg	☼	10/06/25 09:55	10/10/25 00:32	1
Isopropylbenzene	0.0013	U	0.0013	0.00036	mg/Kg	☼	10/06/25 09:55	10/10/25 00:32	1
Methyl acetate	0.0064	U	0.0064	0.0055	mg/Kg	☼	10/06/25 09:55	10/10/25 00:32	1
Methyl tert-butyl ether	0.0013	U	0.0013	0.00065	mg/Kg	☼	10/06/25 09:55	10/10/25 00:32	1
Methylcyclohexane	0.0013	U	0.0013	0.00064	mg/Kg	☼	10/06/25 09:55	10/10/25 00:32	1
Methylene Chloride	0.0025	U	0.0025	0.0015	mg/Kg	☼	10/06/25 09:55	10/10/25 00:32	1
m-Xylene & p-Xylene	0.0013	U	0.0013	0.00054	mg/Kg	☼	10/06/25 09:55	10/10/25 00:32	1
n-Butylbenzene	0.0013	U	0.0013	0.00037	mg/Kg	☼	10/06/25 09:55	10/10/25 00:32	1
N-Propylbenzene	0.0013	U	0.0013	0.00057	mg/Kg	☼	10/06/25 09:55	10/10/25 00:32	1
o-Xylene	0.0013	U	0.0013	0.00059	mg/Kg	☼	10/06/25 09:55	10/10/25 00:32	1
sec-Butylbenzene	0.0013	U	0.0013	0.00037	mg/Kg	☼	10/06/25 09:55	10/10/25 00:32	1
Styrene	0.0013	U	0.0013	0.00035	mg/Kg	☼	10/06/25 09:55	10/10/25 00:32	1
tert-Butylbenzene	0.0013	U	0.0013	0.00035	mg/Kg	☼	10/06/25 09:55	10/10/25 00:32	1
Tetrachloroethene	0.0013	U	0.0013	0.00039	mg/Kg	☼	10/06/25 09:55	10/10/25 00:32	1
Toluene	**0.00058**	**J**	0.0013	0.00030	mg/Kg	☼	10/06/25 09:55	10/10/25 00:32	1
trans-1,2-Dichloroethene	0.0013	U	0.0013	0.00031	mg/Kg	☼	10/06/25 09:55	10/10/25 00:32	1
trans-1,3-Dichloropropene	0.0013	U	0.0013	0.00034	mg/Kg	☼	10/06/25 09:55	10/10/25 00:32	1
Trichloroethene	0.0013	U	0.0013	0.00041	mg/Kg	☼	10/06/25 09:55	10/10/25 00:32	1
Trichlorofluoromethane	0.0013	U	0.0013	0.00052	mg/Kg	☼	10/06/25 09:55	10/10/25 00:32	1
Vinyl chloride	0.0013	U	0.0013	0.00070	mg/Kg	☼	10/06/25 09:55	10/10/25 00:32	1
Xylenes, Total	0.0025	U	0.0025	0.00022	mg/Kg	☼	10/06/25 09:55	10/10/25 00:32	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,2-Dichloroethane-d4 (Surr)	*93*		*65 - 138*	*10/06/25 09:55*	*10/10/25 00:32*	*1*
4-Bromofluorobenzene	*108*		*71 - 128*	*10/06/25 09:55*	*10/10/25 00:32*	*1*
Dibromofluoromethane (Surr)	*98*		*50 - 150*	*10/06/25 09:55*	*10/10/25 00:32*	*1*
Toluene-d8 (Surr)	*102*		*71 - 126*	*10/06/25 09:55*	*10/10/25 00:32*	*1*

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Percent Moisture (EPA Moisture)	**2.6**		1.0	1.0	%			10/09/25 15:54	1
Percent Solids (EPA Moisture)	**97.4**		1.0	1.0	%			10/09/25 15:54	1

Client: Haley & Aldrich, Inc.
Project/Site: Former Port Mobil

Job ID: 460-336467-1

Client Sample ID: 2A2_8-9
Date Collected: 10/03/25 10:00
Date Received: 10/03/25 16:15

Lab Sample ID: 460-336467-25
Matrix: Solid
Percent Solids: 98.5

Method: SW846 8260D - Volatile Organic Compounds by GC/MS

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1-Trichloroethane	0.00091	U	0.00091	0.00021	mg/Kg	☼	10/06/25 09:55	10/10/25 00:56	1
1,1,2,2-Tetrachloroethane	0.00091	U	0.00091	0.00048	mg/Kg	☼	10/06/25 09:55	10/10/25 00:56	1
1,1,2-Trichloro-1,2,2-trifluoroethane	0.00091	U	0.00091	0.00028	mg/Kg	☼	10/06/25 09:55	10/10/25 00:56	1
1,1,2-Trichloroethane	0.00091	U	0.00091	0.00055	mg/Kg	☼	10/06/25 09:55	10/10/25 00:56	1
1,1-Dichloroethane	0.00091	U	0.00091	0.00055	mg/Kg	☼	10/06/25 09:55	10/10/25 00:56	1
1,1-Dichloroethene	0.00091	U	0.00091	0.00021	mg/Kg	☼	10/06/25 09:55	10/10/25 00:56	1
1,2,3-Trichlorobenzene	0.00091	U	0.00091	0.00067	mg/Kg	☼	10/06/25 09:55	10/10/25 00:56	1
1,2,4-Trichlorobenzene	0.00091	U	0.00091	0.00033	mg/Kg	☼	10/06/25 09:55	10/10/25 00:56	1
1,2,4-Trimethylbenzene	0.00091	U	0.00091	0.00022	mg/Kg	☼	10/06/25 09:55	10/10/25 00:56	1
1,2-Dibromo-3-Chloropropane	0.00091	U	0.00091	0.00042	mg/Kg	☼	10/06/25 09:55	10/10/25 00:56	1
1,2-Dichlorobenzene	0.00091	U	0.00091	0.00033	mg/Kg	☼	10/06/25 09:55	10/10/25 00:56	1
1,2-Dichloroethane	0.00091	U	0.00091	0.00027	mg/Kg	☼	10/06/25 09:55	10/10/25 00:56	1
1,2-Dichloropropane	0.00091	U	0.00091	0.00039	mg/Kg	☼	10/06/25 09:55	10/10/25 00:56	1
1,3,5-Trimethylbenzene	0.00091	U	0.00091	0.00029	mg/Kg	☼	10/06/25 09:55	10/10/25 00:56	1
1,3-Dichlorobenzene	0.00091	U	0.00091	0.00033	mg/Kg	☼	10/06/25 09:55	10/10/25 00:56	1
1,4-Dichlorobenzene	0.00091	U	0.00091	0.00047	mg/Kg	☼	10/06/25 09:55	10/10/25 00:56	1
2-Butanone (MEK)	0.0046	U	0.0046	0.00034	mg/Kg	☼	10/06/25 09:55	10/10/25 00:56	1
2-Hexanone	0.0046	U	0.0046	0.0016	mg/Kg	☼	10/06/25 09:55	10/10/25 00:56	1
4-Methyl-2-pentanone (MIBK)	0.0046	U	0.0046	0.0014	mg/Kg	☼	10/06/25 09:55	10/10/25 00:56	1
Acetone	**0.012**		0.0055	0.0052	mg/Kg	☼	10/06/25 09:55	10/10/25 00:56	1
Benzene	0.00091	U	0.00091	0.00052	mg/Kg	☼	10/06/25 09:55	10/10/25 00:56	1
Bromoform	0.00091	U	0.00091	0.00039	mg/Kg	☼	10/06/25 09:55	10/10/25 00:56	1
Bromomethane	0.0018	U *	0.0018	0.00091	mg/Kg	☼	10/06/25 09:55	10/10/25 00:56	1
Carbon disulfide	0.00091	U	0.00091	0.00024	mg/Kg	☼	10/06/25 09:55	10/10/25 00:56	1
Carbon tetrachloride	0.00091	U	0.00091	0.00035	mg/Kg	☼	10/06/25 09:55	10/10/25 00:56	1
Chlorobenzene	0.00091	U	0.00091	0.00046	mg/Kg	☼	10/06/25 09:55	10/10/25 00:56	1
Chlorobromomethane	0.00091	U	0.00091	0.00054	mg/Kg	☼	10/06/25 09:55	10/10/25 00:56	1
Chlorodibromomethane	0.00091	U	0.00091	0.00049	mg/Kg	☼	10/06/25 09:55	10/10/25 00:56	1
Chloroethane	0.00091	U *	0.00091	0.00048	mg/Kg	☼	10/06/25 09:55	10/10/25 00:56	1
Chloroform	0.00091	U	0.00091	0.00089	mg/Kg	☼	10/06/25 09:55	10/10/25 00:56	1
Chloromethane	0.00091	U	0.00091	0.00040	mg/Kg	☼	10/06/25 09:55	10/10/25 00:56	1
cis-1,2-Dichloroethene	0.00091	U	0.00091	0.00033	mg/Kg	☼	10/06/25 09:55	10/10/25 00:56	1
cis-1,3-Dichloropropene	0.00091	U	0.00091	0.00025	mg/Kg	☼	10/06/25 09:55	10/10/25 00:56	1
Cyclohexane	0.00091	U	0.00091	0.00020	mg/Kg	☼	10/06/25 09:55	10/10/25 00:56	1
Dichlorobromomethane	0.00091	U	0.00091	0.00023	mg/Kg	☼	10/06/25 09:55	10/10/25 00:56	1
Dichlorodifluoromethane	0.00091	U	0.00091	0.00031	mg/Kg	☼	10/06/25 09:55	10/10/25 00:56	1
Ethylbenzene	0.00091	U	0.00091	0.00043	mg/Kg	☼	10/06/25 09:55	10/10/25 00:56	1
Ethylene Dibromide	0.00091	U	0.00091	0.00046	mg/Kg	☼	10/06/25 09:55	10/10/25 00:56	1
Isopropylbenzene	0.00091	U	0.00091	0.00026	mg/Kg	☼	10/06/25 09:55	10/10/25 00:56	1
Methyl acetate	0.0046	U	0.0046	0.0039	mg/Kg	☼	10/06/25 09:55	10/10/25 00:56	1
Methyl tert-butyl ether	0.00091	U	0.00091	0.00047	mg/Kg	☼	10/06/25 09:55	10/10/25 00:56	1
Methylcyclohexane	0.00091	U	0.00091	0.00046	mg/Kg	☼	10/06/25 09:55	10/10/25 00:56	1
Methylene Chloride	0.0018	U	0.0018	0.0010	mg/Kg	☼	10/06/25 09:55	10/10/25 00:56	1
m-Xylene & p-Xylene	0.00091	U	0.00091	0.00039	mg/Kg	☼	10/06/25 09:55	10/10/25 00:56	1
n-Butylbenzene	0.00091	U	0.00091	0.00027	mg/Kg	☼	10/06/25 09:55	10/10/25 00:56	1
N-Propylbenzene	0.00091	U	0.00091	0.00041	mg/Kg	☼	10/06/25 09:55	10/10/25 00:56	1
o-Xylene	0.00091	U	0.00091	0.00042	mg/Kg	☼	10/06/25 09:55	10/10/25 00:56	1
sec-Butylbenzene	0.00091	U	0.00091	0.00026	mg/Kg	☼	10/06/25 09:55	10/10/25 00:56	1
Styrene	0.00091	U	0.00091	0.00025	mg/Kg	☼	10/06/25 09:55	10/10/25 00:56	1

Client Sample ID: 2A2_8-9

Lab Sample ID: 460-336467-25

Date Collected: 10/03/25 10:00
Matrix: Solid
Date Received: 10/03/25 16:15
Percent Solids: 98.5

Method: SW846 8260D - Volatile Organic Compounds by GC/MS (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
tert-Butylbenzene	0.00091	U	0.00091	0.00025	mg/Kg	☼	10/06/25 09:55	10/10/25 00:56	1
Tetrachloroethene	0.00091	U	0.00091	0.00028	mg/Kg	☼	10/06/25 09:55	10/10/25 00:56	1
Toluene	**0.00046**	**J**	0.00091	0.00021	mg/Kg	☼	10/06/25 09:55	10/10/25 00:56	1
trans-1,2-Dichloroethene	0.00091	U	0.00091	0.00022	mg/Kg	☼	10/06/25 09:55	10/10/25 00:56	1
trans-1,3-Dichloropropene	0.00091	U	0.00091	0.00024	mg/Kg	☼	10/06/25 09:55	10/10/25 00:56	1
Trichloroethene	0.00091	U	0.00091	0.00029	mg/Kg	☼	10/06/25 09:55	10/10/25 00:56	1
Trichlorofluoromethane	0.00091	U	0.00091	0.00037	mg/Kg	☼	10/06/25 09:55	10/10/25 00:56	1
Vinyl chloride	0.00091	U	0.00091	0.00050	mg/Kg	☼	10/06/25 09:55	10/10/25 00:56	1
Xylenes, Total	0.0018	U	0.0018	0.00016	mg/Kg	☼	10/06/25 09:55	10/10/25 00:56	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,2-Dichloroethane-d4 (Surr)	*94*		*65 - 138*	*10/06/25 09:55*	*10/10/25 00:56*	*1*
4-Bromofluorobenzene	*99*		*71 - 128*	*10/06/25 09:55*	*10/10/25 00:56*	*1*
Dibromofluoromethane (Surr)	*98*		*50 - 150*	*10/06/25 09:55*	*10/10/25 00:56*	*1*
Toluene-d8 (Surr)	*101*		*71 - 126*	*10/06/25 09:55*	*10/10/25 00:56*	*1*

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Percent Moisture (EPA Moisture)	**1.5**		1.0	1.0	%			10/09/25 15:54	1
Percent Solids (EPA Moisture)	**98.5**		1.0	1.0	%			10/09/25 15:54	1

Client Sample ID: 2A3_10-11

Lab Sample ID: 460-336467-26

Date Collected: 10/03/25 10:05
Matrix: Solid
Date Received: 10/03/25 16:15
Percent Solids: 95.6

Method: SW846 8260D - Volatile Organic Compounds by GC/MS

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1-Trichloroethane	0.0014	U	0.0014	0.00032	mg/Kg	☼	10/06/25 09:56	10/10/25 01:20	1
1,1,2,2-Tetrachloroethane	0.0014	U	0.0014	0.00072	mg/Kg	☼	10/06/25 09:56	10/10/25 01:20	1
1,1,2-Trichloro-1,2,2-trifluoroethane	0.0014	U	0.0014	0.00042	mg/Kg	☼	10/06/25 09:56	10/10/25 01:20	1
1,1,2-Trichloroethane	0.0014	U	0.0014	0.00083	mg/Kg	☼	10/06/25 09:56	10/10/25 01:20	1
1,1-Dichloroethane	0.0014	U	0.0014	0.00083	mg/Kg	☼	10/06/25 09:56	10/10/25 01:20	1
1,1-Dichloroethene	0.0014	U	0.0014	0.00031	mg/Kg	☼	10/06/25 09:56	10/10/25 01:20	1
1,2,3-Trichlorobenzene	0.0014	U	0.0014	0.0010	mg/Kg	☼	10/06/25 09:56	10/10/25 01:20	1
1,2,4-Trichlorobenzene	0.0014	U	0.0014	0.00050	mg/Kg	☼	10/06/25 09:56	10/10/25 01:20	1
1,2,4-Trimethylbenzene	0.0014	U	0.0014	0.00034	mg/Kg	☼	10/06/25 09:56	10/10/25 01:20	1
1,2-Dibromo-3-Chloropropane	0.0014	U	0.0014	0.00064	mg/Kg	☼	10/06/25 09:56	10/10/25 01:20	1
1,2-Dichlorobenzene	0.0014	U	0.0014	0.00050	mg/Kg	☼	10/06/25 09:56	10/10/25 01:20	1
1,2-Dichloroethane	0.0014	U	0.0014	0.00041	mg/Kg	☼	10/06/25 09:56	10/10/25 01:20	1
1,2-Dichloropropane	0.0014	U	0.0014	0.00059	mg/Kg	☼	10/06/25 09:56	10/10/25 01:20	1
1,3,5-Trimethylbenzene	0.0014	U	0.0014	0.00043	mg/Kg	☼	10/06/25 09:56	10/10/25 01:20	1
1,3-Dichlorobenzene	0.0014	U	0.0014	0.00051	mg/Kg	☼	10/06/25 09:56	10/10/25 01:20	1
1,4-Dichlorobenzene	0.0014	U	0.0014	0.00072	mg/Kg	☼	10/06/25 09:56	10/10/25 01:20	1
2-Butanone (MEK)	0.0069	U	0.0069	0.00051	mg/Kg	☼	10/06/25 09:56	10/10/25 01:20	1
2-Hexanone	0.0069	U	0.0069	0.0024	mg/Kg	☼	10/06/25 09:56	10/10/25 01:20	1
4-Methyl-2-pentanone (MIBK)	0.0069	U	0.0069	0.0022	mg/Kg	☼	10/06/25 09:56	10/10/25 01:20	1
Acetone	**0.14**		0.0083	0.0079	mg/Kg	☼	10/06/25 09:56	10/10/25 01:20	1
Benzene	0.0014	U	0.0014	0.00079	mg/Kg	☼	10/06/25 09:56	10/10/25 01:20	1
Bromoform	0.0014	U	0.0014	0.00059	mg/Kg	☼	10/06/25 09:56	10/10/25 01:20	1
Bromomethane	0.0028	U *	0.0028	0.0014	mg/Kg	☼	10/06/25 09:56	10/10/25 01:20	1

Client Sample ID: 2A3_10-11

Date Collected: 10/03/25 10:05
Date Received: 10/03/25 16:15

Lab Sample ID: 460-336467-26

Matrix: Solid
Percent Solids: 95.6

Method: SW846 8260D - Volatile Organic Compounds by GC/MS (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Carbon disulfide	0.0014	U	0.0014	0.00037	mg/Kg	☼	10/06/25 09:56	10/10/25 01:20	1
Carbon tetrachloride	0.0014	U	0.0014	0.00054	mg/Kg	☼	10/06/25 09:56	10/10/25 01:20	1
Chlorobenzene	0.0014	U	0.0014	0.00070	mg/Kg	☼	10/06/25 09:56	10/10/25 01:20	1
Chlorobromomethane	0.0014	U	0.0014	0.00083	mg/Kg	☼	10/06/25 09:56	10/10/25 01:20	1
Chlorodibromomethane	0.0014	U	0.0014	0.00074	mg/Kg	☼	10/06/25 09:56	10/10/25 01:20	1
Chloroethane	0.0014	U *	0.0014	0.00072	mg/Kg	☼	10/06/25 09:56	10/10/25 01:20	1
Chloroform	0.0014	U	0.0014	0.0013	mg/Kg	☼	10/06/25 09:56	10/10/25 01:20	1
Chloromethane	0.0014	U	0.0014	0.00060	mg/Kg	☼	10/06/25 09:56	10/10/25 01:20	1
cis-1,2-Dichloroethene	0.0014	U	0.0014	0.00050	mg/Kg	☼	10/06/25 09:56	10/10/25 01:20	1
cis-1,3-Dichloropropene	0.0014	U	0.0014	0.00038	mg/Kg	☼	10/06/25 09:56	10/10/25 01:20	1
Cyclohexane	0.0014	U	0.0014	0.00031	mg/Kg	☼	10/06/25 09:56	10/10/25 01:20	1
Dichlorobromomethane	0.0014	U	0.0014	0.00036	mg/Kg	☼	10/06/25 09:56	10/10/25 01:20	1
Dichlorodifluoromethane	0.0014	U	0.0014	0.00047	mg/Kg	☼	10/06/25 09:56	10/10/25 01:20	1
Ethylbenzene	0.0014	U	0.0014	0.00065	mg/Kg	☼	10/06/25 09:56	10/10/25 01:20	1
Ethylene Dibromide	0.0014	U	0.0014	0.00070	mg/Kg	☼	10/06/25 09:56	10/10/25 01:20	1
Isopropylbenzene	0.0014	U	0.0014	0.00039	mg/Kg	☼	10/06/25 09:56	10/10/25 01:20	1
Methyl acetate	0.0069	U	0.0069	0.0060	mg/Kg	☼	10/06/25 09:56	10/10/25 01:20	1
Methyl tert-butyl ether	0.0014	U	0.0014	0.00071	mg/Kg	☼	10/06/25 09:56	10/10/25 01:20	1
Methylcyclohexane	0.0014	U	0.0014	0.00069	mg/Kg	☼	10/06/25 09:56	10/10/25 01:20	1
Methylene Chloride	0.0028	U	0.0028	0.0016	mg/Kg	☼	10/06/25 09:56	10/10/25 01:20	1
m-Xylene & p-Xylene	0.0014	U	0.0014	0.00059	mg/Kg	☼	10/06/25 09:56	10/10/25 01:20	1
n-Butylbenzene	0.0014	U	0.0014	0.00041	mg/Kg	☼	10/06/25 09:56	10/10/25 01:20	1
N-Propylbenzene	0.0014	U	0.0014	0.00062	mg/Kg	☼	10/06/25 09:56	10/10/25 01:20	1
o-Xylene	0.0014	U	0.0014	0.00064	mg/Kg	☼	10/06/25 09:56	10/10/25 01:20	1
sec-Butylbenzene	0.0014	U	0.0014	0.00040	mg/Kg	☼	10/06/25 09:56	10/10/25 01:20	1
Styrene	0.0014	U	0.0014	0.00038	mg/Kg	☼	10/06/25 09:56	10/10/25 01:20	1
tert-Butylbenzene	0.0014	U	0.0014	0.00038	mg/Kg	☼	10/06/25 09:56	10/10/25 01:20	1
Tetrachloroethene	0.0014	U	0.0014	0.00042	mg/Kg	☼	10/06/25 09:56	10/10/25 01:20	1
Toluene	**0.00075**	**J**	0.0014	0.00032	mg/Kg	☼	10/06/25 09:56	10/10/25 01:20	1
trans-1,2-Dichloroethene	0.0014	U	0.0014	0.00034	mg/Kg	☼	10/06/25 09:56	10/10/25 01:20	1
trans-1,3-Dichloropropene	0.0014	U	0.0014	0.00037	mg/Kg	☼	10/06/25 09:56	10/10/25 01:20	1
Trichloroethene	0.0014	U	0.0014	0.00044	mg/Kg	☼	10/06/25 09:56	10/10/25 01:20	1
Trichlorofluoromethane	0.0014	U	0.0014	0.00056	mg/Kg	☼	10/06/25 09:56	10/10/25 01:20	1
Vinyl chloride	0.0014	U	0.0014	0.00076	mg/Kg	☼	10/06/25 09:56	10/10/25 01:20	1
Xylenes, Total	0.0028	U	0.0028	0.00024	mg/Kg	☼	10/06/25 09:56	10/10/25 01:20	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,2-Dichloroethane-d4 (Surr)	*90*		*65 - 138*	*10/06/25 09:56*	*10/10/25 01:20*	*1*
4-Bromofluorobenzene	*95*		*71 - 128*	*10/06/25 09:56*	*10/10/25 01:20*	*1*
Dibromofluoromethane (Surr)	*97*		*50 - 150*	*10/06/25 09:56*	*10/10/25 01:20*	*1*
Toluene-d8 (Surr)	*101*		*71 - 126*	*10/06/25 09:56*	*10/10/25 01:20*	*1*

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Percent Moisture (EPA Moisture)	**4.4**		1.0	1.0	%			10/09/25 15:54	1
Percent Solids (EPA Moisture)	**95.6**		1.0	1.0	%			10/09/25 15:54	1

Client Sample ID: 2A1_11-12
Date Collected: 10/03/25 10:10
Date Received: 10/03/25 16:15

Lab Sample ID: 460-336467-27
Matrix: Solid
Percent Solids: 93.2

Method: SW846 8260D - Volatile Organic Compounds by GC/MS

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1-Trichloroethane	0.00095	U	0.00095	0.00022	mg/Kg	☼	10/06/25 09:56	10/10/25 01:44	1
1,1,2,2-Tetrachloroethane	0.00095	U	0.00095	0.00049	mg/Kg	☼	10/06/25 09:56	10/10/25 01:44	1
1,1,2-Trichloro-1,2,2-trifluoroethane	0.00095	U	0.00095	0.00028	mg/Kg	☼	10/06/25 09:56	10/10/25 01:44	1
1,1,2-Trichloroethane	0.00095	U	0.00095	0.00057	mg/Kg	☼	10/06/25 09:56	10/10/25 01:44	1
1,1-Dichloroethane	0.00095	U	0.00095	0.00057	mg/Kg	☼	10/06/25 09:56	10/10/25 01:44	1
1,1-Dichloroethene	0.00095	U	0.00095	0.00021	mg/Kg	☼	10/06/25 09:56	10/10/25 01:44	1
1,2,3-Trichlorobenzene	0.00095	U	0.00095	0.00070	mg/Kg	☼	10/06/25 09:56	10/10/25 01:44	1
1,2,4-Trichlorobenzene	0.00095	U	0.00095	0.00034	mg/Kg	☼	10/06/25 09:56	10/10/25 01:44	1
1,2,4-Trimethylbenzene	0.00095	U	0.00095	0.00023	mg/Kg	☼	10/06/25 09:56	10/10/25 01:44	1
1,2-Dibromo-3-Chloropropane	0.00095	U	0.00095	0.00044	mg/Kg	☼	10/06/25 09:56	10/10/25 01:44	1
1,2-Dichlorobenzene	0.00095	U	0.00095	0.00034	mg/Kg	☼	10/06/25 09:56	10/10/25 01:44	1
1,2-Dichloroethane	0.00095	U	0.00095	0.00028	mg/Kg	☼	10/06/25 09:56	10/10/25 01:44	1
1,2-Dichloropropane	0.00095	U	0.00095	0.00040	mg/Kg	☼	10/06/25 09:56	10/10/25 01:44	1
1,3,5-Trimethylbenzene	0.00095	U	0.00095	0.00030	mg/Kg	☼	10/06/25 09:56	10/10/25 01:44	1
1,3-Dichlorobenzene	0.00095	U	0.00095	0.00035	mg/Kg	☼	10/06/25 09:56	10/10/25 01:44	1
1,4-Dichlorobenzene	0.00095	U	0.00095	0.00049	mg/Kg	☼	10/06/25 09:56	10/10/25 01:44	1
2-Butanone (MEK)	0.0047	U	0.0047	0.00035	mg/Kg	☼	10/06/25 09:56	10/10/25 01:44	1
2-Hexanone	0.0047	U	0.0047	0.0016	mg/Kg	☼	10/06/25 09:56	10/10/25 01:44	1
4-Methyl-2-pentanone (MIBK)	0.0047	U	0.0047	0.0015	mg/Kg	☼	10/06/25 09:56	10/10/25 01:44	1
Acetone	**0.16**		0.0057	0.0054	mg/Kg	☼	10/06/25 09:56	10/10/25 01:44	1
Benzene	0.00095	U	0.00095	0.00054	mg/Kg	☼	10/06/25 09:56	10/10/25 01:44	1
Bromoform	0.00095	U	0.00095	0.00040	mg/Kg	☼	10/06/25 09:56	10/10/25 01:44	1
Bromomethane	0.0019	U *	0.0019	0.00095	mg/Kg	☼	10/06/25 09:56	10/10/25 01:44	1
Carbon disulfide	0.00095	U	0.00095	0.00025	mg/Kg	☼	10/06/25 09:56	10/10/25 01:44	1
Carbon tetrachloride	0.00095	U	0.00095	0.00037	mg/Kg	☼	10/06/25 09:56	10/10/25 01:44	1
Chlorobenzene	0.00095	U	0.00095	0.00048	mg/Kg	☼	10/06/25 09:56	10/10/25 01:44	1
Chlorobromomethane	0.00095	U	0.00095	0.00056	mg/Kg	☼	10/06/25 09:56	10/10/25 01:44	1
Chlorodibromomethane	0.00095	U	0.00095	0.00051	mg/Kg	☼	10/06/25 09:56	10/10/25 01:44	1
Chloroethane	0.00095	U *	0.00095	0.00049	mg/Kg	☼	10/06/25 09:56	10/10/25 01:44	1
Chloroform	0.00095	U	0.00095	0.00092	mg/Kg	☼	10/06/25 09:56	10/10/25 01:44	1
Chloromethane	0.00095	U	0.00095	0.00041	mg/Kg	☼	10/06/25 09:56	10/10/25 01:44	1
cis-1,2-Dichloroethene	0.00095	U	0.00095	0.00034	mg/Kg	☼	10/06/25 09:56	10/10/25 01:44	1
cis-1,3-Dichloropropene	0.00095	U	0.00095	0.00026	mg/Kg	☼	10/06/25 09:56	10/10/25 01:44	1
Cyclohexane	0.00095	U	0.00095	0.00021	mg/Kg	☼	10/06/25 09:56	10/10/25 01:44	1
Dichlorobromomethane	0.00095	U	0.00095	0.00024	mg/Kg	☼	10/06/25 09:56	10/10/25 01:44	1
Dichlorodifluoromethane	0.00095	U	0.00095	0.00032	mg/Kg	☼	10/06/25 09:56	10/10/25 01:44	1
Ethylbenzene	0.00095	U	0.00095	0.00044	mg/Kg	☼	10/06/25 09:56	10/10/25 01:44	1
Ethylene Dibromide	0.00095	U	0.00095	0.00048	mg/Kg	☼	10/06/25 09:56	10/10/25 01:44	1
Isopropylbenzene	0.00095	U	0.00095	0.00027	mg/Kg	☼	10/06/25 09:56	10/10/25 01:44	1
Methyl acetate	0.0047	U	0.0047	0.0041	mg/Kg	☼	10/06/25 09:56	10/10/25 01:44	1
Methyl tert-butyl ether	0.00095	U	0.00095	0.00048	mg/Kg	☼	10/06/25 09:56	10/10/25 01:44	1
Methylcyclohexane	0.00095	U	0.00095	0.00047	mg/Kg	☼	10/06/25 09:56	10/10/25 01:44	1
Methylene Chloride	0.0019	U	0.0019	0.0011	mg/Kg	☼	10/06/25 09:56	10/10/25 01:44	1
m-Xylene & p-Xylene	0.00095	U	0.00095	0.00040	mg/Kg	☼	10/06/25 09:56	10/10/25 01:44	1
n-Butylbenzene	0.00095	U	0.00095	0.00028	mg/Kg	☼	10/06/25 09:56	10/10/25 01:44	1
N-Propylbenzene	0.00095	U	0.00095	0.00043	mg/Kg	☼	10/06/25 09:56	10/10/25 01:44	1
o-Xylene	0.00095	U	0.00095	0.00044	mg/Kg	☼	10/06/25 09:56	10/10/25 01:44	1
sec-Butylbenzene	0.00095	U	0.00095	0.00027	mg/Kg	☼	10/06/25 09:56	10/10/25 01:44	1
Styrene	0.00095	U	0.00095	0.00026	mg/Kg	☼	10/06/25 09:56	10/10/25 01:44	1

Client Sample ID: 2A1_11-12

Lab Sample ID: 460-336467-27

Date Collected: 10/03/25 10:10
Matrix: Solid
Date Received: 10/03/25 16:15
Percent Solids: 93.2

Method: SW846 8260D - Volatile Organic Compounds by GC/MS (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
tert-Butylbenzene	0.00095	U	0.00095	0.00026	mg/Kg	☼	10/06/25 09:56	10/10/25 01:44	1
Tetrachloroethene	0.00095	U	0.00095	0.00029	mg/Kg	☼	10/06/25 09:56	10/10/25 01:44	1
Toluene	0.00095	U	0.00095	0.00022	mg/Kg	☼	10/06/25 09:56	10/10/25 01:44	1
trans-1,2-Dichloroethene	0.00095	U	0.00095	0.00023	mg/Kg	☼	10/06/25 09:56	10/10/25 01:44	1
trans-1,3-Dichloropropene	0.00095	U	0.00095	0.00025	mg/Kg	☼	10/06/25 09:56	10/10/25 01:44	1
Trichloroethene	0.00095	U	0.00095	0.00030	mg/Kg	☼	10/06/25 09:56	10/10/25 01:44	1
Trichlorofluoromethane	0.00095	U	0.00095	0.00038	mg/Kg	☼	10/06/25 09:56	10/10/25 01:44	1
Vinyl chloride	0.00095	U	0.00095	0.00052	mg/Kg	☼	10/06/25 09:56	10/10/25 01:44	1
Xylenes, Total	0.0019	U	0.0019	0.00016	mg/Kg	☼	10/06/25 09:56	10/10/25 01:44	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,2-Dichloroethane-d4 (Surr)	*92*		*65 - 138*	*10/06/25 09:56*	*10/10/25 01:44*	*1*
4-Bromofluorobenzene	*98*		*71 - 128*	*10/06/25 09:56*	*10/10/25 01:44*	*1*
Dibromofluoromethane (Surr)	*98*		*50 - 150*	*10/06/25 09:56*	*10/10/25 01:44*	*1*
Toluene-d8 (Surr)	*100*		*71 - 126*	*10/06/25 09:56*	*10/10/25 01:44*	*1*

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Percent Moisture (EPA Moisture)	**6.8**		1.0	1.0	%			10/09/25 15:54	1
Percent Solids (EPA Moisture)	**93.2**		1.0	1.0	%			10/09/25 15:54	1

Client Sample ID: 2B1_1-2

Lab Sample ID: 460-336467-28

Date Collected: 10/03/25 10:15
Matrix: Solid
Date Received: 10/03/25 16:15
Percent Solids: 98.2

Method: SW846 8260D - Volatile Organic Compounds by GC/MS

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1-Trichloroethane	0.0013	U	0.0013	0.00031	mg/Kg	☼	10/06/25 09:57	10/10/25 02:08	1
1,1,2,2-Tetrachloroethane	0.0013	U	0.0013	0.00070	mg/Kg	☼	10/06/25 09:57	10/10/25 02:08	1
1,1,2-Trichloro-1,2,2-trifluoroethane	0.0013	U	0.0013	0.00040	mg/Kg	☼	10/06/25 09:57	10/10/25 02:08	1
1,1,2-Trichloroethane	0.0013	U	0.0013	0.00081	mg/Kg	☼	10/06/25 09:57	10/10/25 02:08	1
1,1-Dichloroethane	0.0013	U	0.0013	0.00080	mg/Kg	☼	10/06/25 09:57	10/10/25 02:08	1
1,1-Dichloroethene	0.0013	U	0.0013	0.00030	mg/Kg	☼	10/06/25 09:57	10/10/25 02:08	1
1,2,3-Trichlorobenzene	0.0013	U	0.0013	0.00099	mg/Kg	☼	10/06/25 09:57	10/10/25 02:08	1
1,2,4-Trichlorobenzene	0.0013	U	0.0013	0.00048	mg/Kg	☼	10/06/25 09:57	10/10/25 02:08	1
1,2,4-Trimethylbenzene	0.0013	U	0.0013	0.00033	mg/Kg	☼	10/06/25 09:57	10/10/25 02:08	1
1,2-Dibromo-3-Chloropropane	0.0013	U	0.0013	0.00062	mg/Kg	☼	10/06/25 09:57	10/10/25 02:08	1
1,2-Dichlorobenzene	0.0013	U	0.0013	0.00049	mg/Kg	☼	10/06/25 09:57	10/10/25 02:08	1
1,2-Dichloroethane	0.0013	U	0.0013	0.00040	mg/Kg	☼	10/06/25 09:57	10/10/25 02:08	1
1,2-Dichloropropane	0.0013	U	0.0013	0.00057	mg/Kg	☼	10/06/25 09:57	10/10/25 02:08	1
1,3,5-Trimethylbenzene	0.0013	U	0.0013	0.00042	mg/Kg	☼	10/06/25 09:57	10/10/25 02:08	1
1,3-Dichlorobenzene	0.0013	U	0.0013	0.00049	mg/Kg	☼	10/06/25 09:57	10/10/25 02:08	1
1,4-Dichlorobenzene	0.0013	U	0.0013	0.00070	mg/Kg	☼	10/06/25 09:57	10/10/25 02:08	1
2-Butanone (MEK)	0.0067	U	0.0067	0.00050	mg/Kg	☼	10/06/25 09:57	10/10/25 02:08	1
2-Hexanone	0.0067	U	0.0067	0.0023	mg/Kg	☼	10/06/25 09:57	10/10/25 02:08	1
4-Methyl-2-pentanone (MIBK)	0.0067	U	0.0067	0.0021	mg/Kg	☼	10/06/25 09:57	10/10/25 02:08	1
Acetone	**0.11**		0.0081	0.0077	mg/Kg	☼	10/06/25 09:57	10/10/25 02:08	1
Benzene	0.0013	U	0.0013	0.00076	mg/Kg	☼	10/06/25 09:57	10/10/25 02:08	1
Bromoform	0.0013	U	0.0013	0.00057	mg/Kg	☼	10/06/25 09:57	10/10/25 02:08	1
Bromomethane	0.0027	U *	0.0027	0.0013	mg/Kg	☼	10/06/25 09:57	10/10/25 02:08	1

Client Sample ID: 2B1_1-2
Date Collected: 10/03/25 10:15
Date Received: 10/03/25 16:15

Lab Sample ID: 460-336467-28
Matrix: Solid
Percent Solids: 98.2

Method: SW846 8260D - Volatile Organic Compounds by GC/MS (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Carbon disulfide	0.0013	U	0.0013	0.00036	mg/Kg	☼	10/06/25 09:57	10/10/25 02:08	1
Carbon tetrachloride	0.0013	U	0.0013	0.00052	mg/Kg	☼	10/06/25 09:57	10/10/25 02:08	1
Chlorobenzene	0.0013	U	0.0013	0.00068	mg/Kg	☼	10/06/25 09:57	10/10/25 02:08	1
Chlorobromomethane	0.0013	U	0.0013	0.00080	mg/Kg	☼	10/06/25 09:57	10/10/25 02:08	1
Chlorodibromomethane	0.0013	U	0.0013	0.00072	mg/Kg	☼	10/06/25 09:57	10/10/25 02:08	1
Chloroethane	0.0013	U *	0.0013	0.00070	mg/Kg	☼	10/06/25 09:57	10/10/25 02:08	1
Chloroform	0.0013	U	0.0013	0.0013	mg/Kg	☼	10/06/25 09:57	10/10/25 02:08	1
Chloromethane	0.0013	U	0.0013	0.00059	mg/Kg	☼	10/06/25 09:57	10/10/25 02:08	1
cis-1,2-Dichloroethene	0.0013	U	0.0013	0.00048	mg/Kg	☼	10/06/25 09:57	10/10/25 02:08	1
cis-1,3-Dichloropropene	0.0013	U	0.0013	0.00037	mg/Kg	☼	10/06/25 09:57	10/10/25 02:08	1
Cyclohexane	0.0013	U	0.0013	0.00030	mg/Kg	☼	10/06/25 09:57	10/10/25 02:08	1
Dichlorobromomethane	0.0013	U	0.0013	0.00035	mg/Kg	☼	10/06/25 09:57	10/10/25 02:08	1
Dichlorodifluoromethane	0.0013	U	0.0013	0.00045	mg/Kg	☼	10/06/25 09:57	10/10/25 02:08	1
Ethylbenzene	0.0013	U	0.0013	0.00063	mg/Kg	☼	10/06/25 09:57	10/10/25 02:08	1
Ethylene Dibromide	0.0013	U	0.0013	0.00068	mg/Kg	☼	10/06/25 09:57	10/10/25 02:08	1
Isopropylbenzene	0.0013	U	0.0013	0.00038	mg/Kg	☼	10/06/25 09:57	10/10/25 02:08	1
Methyl acetate	0.0067	U	0.0067	0.0058	mg/Kg	☼	10/06/25 09:57	10/10/25 02:08	1
Methyl tert-butyl ether	0.0013	U	0.0013	0.00069	mg/Kg	☼	10/06/25 09:57	10/10/25 02:08	1
Methylcyclohexane	0.0013	U	0.0013	0.00067	mg/Kg	☼	10/06/25 09:57	10/10/25 02:08	1
Methylene Chloride	0.0027	U	0.0027	0.0015	mg/Kg	☼	10/06/25 09:57	10/10/25 02:08	1
m-Xylene & p-Xylene	0.0013	U	0.0013	0.00057	mg/Kg	☼	10/06/25 09:57	10/10/25 02:08	1
n-Butylbenzene	0.0013	U	0.0013	0.00040	mg/Kg	☼	10/06/25 09:57	10/10/25 02:08	1
N-Propylbenzene	0.0013	U	0.0013	0.00060	mg/Kg	☼	10/06/25 09:57	10/10/25 02:08	1
o-Xylene	0.0013	U	0.0013	0.00062	mg/Kg	☼	10/06/25 09:57	10/10/25 02:08	1
sec-Butylbenzene	0.0013	U	0.0013	0.00039	mg/Kg	☼	10/06/25 09:57	10/10/25 02:08	1
Styrene	0.0013	U	0.0013	0.00037	mg/Kg	☼	10/06/25 09:57	10/10/25 02:08	1
tert-Butylbenzene	0.0013	U	0.0013	0.00037	mg/Kg	☼	10/06/25 09:57	10/10/25 02:08	1
Tetrachloroethene	0.0013	U	0.0013	0.00041	mg/Kg	☼	10/06/25 09:57	10/10/25 02:08	1
Toluene	0.0013	U	0.0013	0.00031	mg/Kg	☼	10/06/25 09:57	10/10/25 02:08	1
trans-1,2-Dichloroethene	0.0013	U	0.0013	0.00033	mg/Kg	☼	10/06/25 09:57	10/10/25 02:08	1
trans-1,3-Dichloropropene	0.0013	U	0.0013	0.00036	mg/Kg	☼	10/06/25 09:57	10/10/25 02:08	1
Trichloroethene	0.0013	U	0.0013	0.00043	mg/Kg	☼	10/06/25 09:57	10/10/25 02:08	1
Trichlorofluoromethane	0.0013	U	0.0013	0.00055	mg/Kg	☼	10/06/25 09:57	10/10/25 02:08	1
Vinyl chloride	0.0013	U	0.0013	0.00073	mg/Kg	☼	10/06/25 09:57	10/10/25 02:08	1
Xylenes, Total	0.0027	U	0.0027	0.00023	mg/Kg	☼	10/06/25 09:57	10/10/25 02:08	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,2-Dichloroethane-d4 (Surr)	*91*		*65 - 138*	*10/06/25 09:57*	*10/10/25 02:08*	*1*
4-Bromofluorobenzene	*96*		*71 - 128*	*10/06/25 09:57*	*10/10/25 02:08*	*1*
Dibromofluoromethane (Surr)	*97*		*50 - 150*	*10/06/25 09:57*	*10/10/25 02:08*	*1*
Toluene-d8 (Surr)	*101*		*71 - 126*	*10/06/25 09:57*	*10/10/25 02:08*	*1*

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Percent Moisture (EPA Moisture)	**1.8**		1.0	1.0	%			10/09/25 15:54	1
Percent Solids (EPA Moisture)	**98.2**		1.0	1.0	%			10/09/25 15:54	1

Client Sample ID: 2B2_2-3
Date Collected: 10/03/25 10:20
Date Received: 10/03/25 16:15

Lab Sample ID: 460-336467-29
Matrix: Solid
Percent Solids: 96.1

Method: SW846 8260D - Volatile Organic Compounds by GC/MS

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1-Trichloroethane	0.00095	U	0.00095	0.00022	mg/Kg	☼	10/06/25 09:57	10/10/25 02:32	1
1,1,2,2-Tetrachloroethane	0.00095	U	0.00095	0.00050	mg/Kg	☼	10/06/25 09:57	10/10/25 02:32	1
1,1,2-Trichloro-1,2,2-trifluoroethane	0.00095	U	0.00095	0.00029	mg/Kg	☼	10/06/25 09:57	10/10/25 02:32	1
1,1,2-Trichloroethane	0.00095	U	0.00095	0.00057	mg/Kg	☼	10/06/25 09:57	10/10/25 02:32	1
1,1-Dichloroethane	0.00095	U	0.00095	0.00057	mg/Kg	☼	10/06/25 09:57	10/10/25 02:32	1
1,1-Dichloroethene	0.00095	U	0.00095	0.00021	mg/Kg	☼	10/06/25 09:57	10/10/25 02:32	1
1,2,3-Trichlorobenzene	0.00095	U	0.00095	0.00070	mg/Kg	☼	10/06/25 09:57	10/10/25 02:32	1
1,2,4-Trichlorobenzene	0.00095	U	0.00095	0.00034	mg/Kg	☼	10/06/25 09:57	10/10/25 02:32	1
1,2,4-Trimethylbenzene	0.00095	U	0.00095	0.00023	mg/Kg	☼	10/06/25 09:57	10/10/25 02:32	1
1,2-Dibromo-3-Chloropropane	0.00095	U	0.00095	0.00044	mg/Kg	☼	10/06/25 09:57	10/10/25 02:32	1
1,2-Dichlorobenzene	0.00095	U	0.00095	0.00034	mg/Kg	☼	10/06/25 09:57	10/10/25 02:32	1
1,2-Dichloroethane	0.00095	U	0.00095	0.00028	mg/Kg	☼	10/06/25 09:57	10/10/25 02:32	1
1,2-Dichloropropane	0.00095	U	0.00095	0.00040	mg/Kg	☼	10/06/25 09:57	10/10/25 02:32	1
1,3,5-Trimethylbenzene	0.00095	U	0.00095	0.00030	mg/Kg	☼	10/06/25 09:57	10/10/25 02:32	1
1,3-Dichlorobenzene	0.00095	U	0.00095	0.00035	mg/Kg	☼	10/06/25 09:57	10/10/25 02:32	1
1,4-Dichlorobenzene	0.00095	U	0.00095	0.00050	mg/Kg	☼	10/06/25 09:57	10/10/25 02:32	1
2-Butanone (MEK)	0.0048	U	0.0048	0.00035	mg/Kg	☼	10/06/25 09:57	10/10/25 02:32	1
2-Hexanone	0.0048	U	0.0048	0.0016	mg/Kg	☼	10/06/25 09:57	10/10/25 02:32	1
4-Methyl-2-pentanone (MIBK)	0.0048	U	0.0048	0.0015	mg/Kg	☼	10/06/25 09:57	10/10/25 02:32	1
Acetone	**0.084**		0.0057	0.0055	mg/Kg	☼	10/06/25 09:57	10/10/25 02:32	1
Benzene	0.00095	U	0.00095	0.00054	mg/Kg	☼	10/06/25 09:57	10/10/25 02:32	1
Bromoform	0.00095	U	0.00095	0.00041	mg/Kg	☼	10/06/25 09:57	10/10/25 02:32	1
Bromomethane	0.0019	U *	0.0019	0.00095	mg/Kg	☼	10/06/25 09:57	10/10/25 02:32	1
Carbon disulfide	0.00095	U	0.00095	0.00025	mg/Kg	☼	10/06/25 09:57	10/10/25 02:32	1
Carbon tetrachloride	0.00095	U	0.00095	0.00037	mg/Kg	☼	10/06/25 09:57	10/10/25 02:32	1
Chlorobenzene	0.00095	U	0.00095	0.00048	mg/Kg	☼	10/06/25 09:57	10/10/25 02:32	1
Chlorobromomethane	0.00095	U	0.00095	0.00057	mg/Kg	☼	10/06/25 09:57	10/10/25 02:32	1
Chlorodibromomethane	0.00095	U	0.00095	0.00051	mg/Kg	☼	10/06/25 09:57	10/10/25 02:32	1
Chloroethane	0.00095	U *	0.00095	0.00050	mg/Kg	☼	10/06/25 09:57	10/10/25 02:32	1
Chloroform	0.00095	U	0.00095	0.00093	mg/Kg	☼	10/06/25 09:57	10/10/25 02:32	1
Chloromethane	0.00095	U	0.00095	0.00042	mg/Kg	☼	10/06/25 09:57	10/10/25 02:32	1
cis-1,2-Dichloroethene	0.00095	U	0.00095	0.00034	mg/Kg	☼	10/06/25 09:57	10/10/25 02:32	1
cis-1,3-Dichloropropene	0.00095	U	0.00095	0.00026	mg/Kg	☼	10/06/25 09:57	10/10/25 02:32	1
Cyclohexane	0.00095	U	0.00095	0.00021	mg/Kg	☼	10/06/25 09:57	10/10/25 02:32	1
Dichlorobromomethane	0.00095	U	0.00095	0.00025	mg/Kg	☼	10/06/25 09:57	10/10/25 02:32	1
Dichlorodifluoromethane	0.00095	U	0.00095	0.00032	mg/Kg	☼	10/06/25 09:57	10/10/25 02:32	1
Ethylbenzene	0.00095	U	0.00095	0.00045	mg/Kg	☼	10/06/25 09:57	10/10/25 02:32	1
Ethylene Dibromide	0.00095	U	0.00095	0.00048	mg/Kg	☼	10/06/25 09:57	10/10/25 02:32	1
Isopropylbenzene	0.00095	U	0.00095	0.00027	mg/Kg	☼	10/06/25 09:57	10/10/25 02:32	1
Methyl acetate	0.0048	U	0.0048	0.0041	mg/Kg	☼	10/06/25 09:57	10/10/25 02:32	1
Methyl tert-butyl ether	0.00095	U	0.00095	0.00049	mg/Kg	☼	10/06/25 09:57	10/10/25 02:32	1
Methylcyclohexane	0.00095	U	0.00095	0.00048	mg/Kg	☼	10/06/25 09:57	10/10/25 02:32	1
Methylene Chloride	0.0019	U	0.0019	0.0011	mg/Kg	☼	10/06/25 09:57	10/10/25 02:32	1
m-Xylene & p-Xylene	0.00095	U	0.00095	0.00040	mg/Kg	☼	10/06/25 09:57	10/10/25 02:32	1
n-Butylbenzene	0.00095	U	0.00095	0.00028	mg/Kg	☼	10/06/25 09:57	10/10/25 02:32	1
N-Propylbenzene	0.00095	U	0.00095	0.00043	mg/Kg	☼	10/06/25 09:57	10/10/25 02:32	1
o-Xylene	0.00095	U	0.00095	0.00044	mg/Kg	☼	10/06/25 09:57	10/10/25 02:32	1
sec-Butylbenzene	0.00095	U	0.00095	0.00027	mg/Kg	☼	10/06/25 09:57	10/10/25 02:32	1
Styrene	0.00095	U	0.00095	0.00027	mg/Kg	☼	10/06/25 09:57	10/10/25 02:32	1

Client Sample ID: 2B2_2-3

Date Collected: 10/03/25 10:20
Date Received: 10/03/25 16:15

Lab Sample ID: 460-336467-29

Matrix: Solid
Percent Solids: 96.1

Method: SW846 8260D - Volatile Organic Compounds by GC/MS (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
tert-Butylbenzene	0.00095	U	0.00095	0.00026	mg/Kg	☼	10/06/25 09:57	10/10/25 02:32	1
Tetrachloroethene	0.00095	U	0.00095	0.00029	mg/Kg	☼	10/06/25 09:57	10/10/25 02:32	1
Toluene	**0.00055**	**J**	0.00095	0.00022	mg/Kg	☼	10/06/25 09:57	10/10/25 02:32	1
trans-1,2-Dichloroethene	0.00095	U	0.00095	0.00023	mg/Kg	☼	10/06/25 09:57	10/10/25 02:32	1
trans-1,3-Dichloropropene	0.00095	U	0.00095	0.00025	mg/Kg	☼	10/06/25 09:57	10/10/25 02:32	1
Trichloroethene	0.00095	U	0.00095	0.00031	mg/Kg	☼	10/06/25 09:57	10/10/25 02:32	1
Trichlorofluoromethane	0.00095	U	0.00095	0.00039	mg/Kg	☼	10/06/25 09:57	10/10/25 02:32	1
Vinyl chloride	0.00095	U	0.00095	0.00052	mg/Kg	☼	10/06/25 09:57	10/10/25 02:32	1
Xylenes, Total	0.0019	U	0.0019	0.00017	mg/Kg	☼	10/06/25 09:57	10/10/25 02:32	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,2-Dichloroethane-d4 (Surr)	*91*		*65 - 138*	*10/06/25 09:57*	*10/10/25 02:32*	*1*
4-Bromofluorobenzene	*95*		*71 - 128*	*10/06/25 09:57*	*10/10/25 02:32*	*1*
Dibromofluoromethane (Surr)	*98*		*50 - 150*	*10/06/25 09:57*	*10/10/25 02:32*	*1*
Toluene-d8 (Surr)	*100*		*71 - 126*	*10/06/25 09:57*	*10/10/25 02:32*	*1*

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Percent Moisture (EPA Moisture)	**3.9**		1.0	1.0	%			10/09/25 15:54	1
Percent Solids (EPA Moisture)	**96.1**		1.0	1.0	%			10/09/25 15:54	1

Client Sample ID: 2B3_4-5

Date Collected: 10/03/25 10:25
Date Received: 10/03/25 16:15

Lab Sample ID: 460-336467-30

Matrix: Solid
Percent Solids: 94.3

Method: SW846 8260D - Volatile Organic Compounds by GC/MS

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1-Trichloroethane	0.0010	U	0.0010	0.00024	mg/Kg	☼	10/06/25 09:57	10/10/25 02:57	1
1,1,2,2-Tetrachloroethane	0.0010	U	0.0010	0.00054	mg/Kg	☼	10/06/25 09:57	10/10/25 02:57	1
1,1,2-Trichloro-1,2,2-trifluoroethane	0.0010	U	0.0010	0.00031	mg/Kg	☼	10/06/25 09:57	10/10/25 02:57	1
1,1,2-Trichloroethane	0.0010	U	0.0010	0.00062	mg/Kg	☼	10/06/25 09:57	10/10/25 02:57	1
1,1-Dichloroethane	0.0010	U	0.0010	0.00062	mg/Kg	☼	10/06/25 09:57	10/10/25 02:57	1
1,1-Dichloroethene	0.0010	U	0.0010	0.00023	mg/Kg	☼	10/06/25 09:57	10/10/25 02:57	1
1,2,3-Trichlorobenzene	0.0010	U	0.0010	0.00077	mg/Kg	☼	10/06/25 09:57	10/10/25 02:57	1
1,2,4-Trichlorobenzene	0.0010	U	0.0010	0.00037	mg/Kg	☼	10/06/25 09:57	10/10/25 02:57	1
1,2,4-Trimethylbenzene	0.0010	U	0.0010	0.00026	mg/Kg	☼	10/06/25 09:57	10/10/25 02:57	1
1,2-Dibromo-3-Chloropropane	0.0010	U	0.0010	0.00048	mg/Kg	☼	10/06/25 09:57	10/10/25 02:57	1
1,2-Dichlorobenzene	0.0010	U	0.0010	0.00037	mg/Kg	☼	10/06/25 09:57	10/10/25 02:57	1
1,2-Dichloroethane	0.0010	U	0.0010	0.00031	mg/Kg	☼	10/06/25 09:57	10/10/25 02:57	1
1,2-Dichloropropane	0.0010	U	0.0010	0.00044	mg/Kg	☼	10/06/25 09:57	10/10/25 02:57	1
1,3,5-Trimethylbenzene	0.0010	U	0.0010	0.00033	mg/Kg	☼	10/06/25 09:57	10/10/25 02:57	1
1,3-Dichlorobenzene	0.0010	U	0.0010	0.00038	mg/Kg	☼	10/06/25 09:57	10/10/25 02:57	1
1,4-Dichlorobenzene	0.0010	U	0.0010	0.00054	mg/Kg	☼	10/06/25 09:57	10/10/25 02:57	1
2-Butanone (MEK)	0.0052	U	0.0052	0.00038	mg/Kg	☼	10/06/25 09:57	10/10/25 02:57	1
2-Hexanone	0.0052	U	0.0052	0.0018	mg/Kg	☼	10/06/25 09:57	10/10/25 02:57	1
4-Methyl-2-pentanone (MIBK)	0.0052	U	0.0052	0.0016	mg/Kg	☼	10/06/25 09:57	10/10/25 02:57	1
Acetone	**0.036**		0.0062	0.0059	mg/Kg	☼	10/06/25 09:57	10/10/25 02:57	1
Benzene	0.0010	U	0.0010	0.00059	mg/Kg	☼	10/06/25 09:57	10/10/25 02:57	1
Bromoform	0.0010	U	0.0010	0.00044	mg/Kg	☼	10/06/25 09:57	10/10/25 02:57	1
Bromomethane	0.0021	U *	0.0021	0.0010	mg/Kg	☼	10/06/25 09:57	10/10/25 02:57	1

Client Sample ID: 2B3_4-5
Date Collected: 10/03/25 10:25
Date Received: 10/03/25 16:15

Lab Sample ID: 460-336467-30
Matrix: Solid
Percent Solids: 94.3

Method: SW846 8260D - Volatile Organic Compounds by GC/MS (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Carbon disulfide	0.0010	U	0.0010	0.00028	mg/Kg	☼	10/06/25 09:57	10/10/25 02:57	1
Carbon tetrachloride	0.0010	U	0.0010	0.00040	mg/Kg	☼	10/06/25 09:57	10/10/25 02:57	1
Chlorobenzene	0.0010	U	0.0010	0.00053	mg/Kg	☼	10/06/25 09:57	10/10/25 02:57	1
Chlorobromomethane	0.0010	U	0.0010	0.00062	mg/Kg	☼	10/06/25 09:57	10/10/25 02:57	1
Chlorodibromomethane	0.0010	U	0.0010	0.00056	mg/Kg	☼	10/06/25 09:57	10/10/25 02:57	1
Chloroethane	0.0010	U *	0.0010	0.00054	mg/Kg	☼	10/06/25 09:57	10/10/25 02:57	1
Chloroform	0.0010	U	0.0010	0.0010	mg/Kg	☼	10/06/25 09:57	10/10/25 02:57	1
Chloromethane	0.0010	U	0.0010	0.00045	mg/Kg	☼	10/06/25 09:57	10/10/25 02:57	1
cis-1,2-Dichloroethene	0.0010	U	0.0010	0.00037	mg/Kg	☼	10/06/25 09:57	10/10/25 02:57	1
cis-1,3-Dichloropropene	0.0010	U	0.0010	0.00028	mg/Kg	☼	10/06/25 09:57	10/10/25 02:57	1
Cyclohexane	0.0010	U	0.0010	0.00023	mg/Kg	☼	10/06/25 09:57	10/10/25 02:57	1
Dichlorobromomethane	0.0010	U	0.0010	0.00027	mg/Kg	☼	10/06/25 09:57	10/10/25 02:57	1
Dichlorodifluoromethane	0.0010	U	0.0010	0.00035	mg/Kg	☼	10/06/25 09:57	10/10/25 02:57	1
Ethylbenzene	0.0010	U	0.0010	0.00049	mg/Kg	☼	10/06/25 09:57	10/10/25 02:57	1
Ethylene Dibromide	0.0010	U	0.0010	0.00052	mg/Kg	☼	10/06/25 09:57	10/10/25 02:57	1
Isopropylbenzene	0.0010	U	0.0010	0.00030	mg/Kg	☼	10/06/25 09:57	10/10/25 02:57	1
Methyl acetate	0.0052	U	0.0052	0.0045	mg/Kg	☼	10/06/25 09:57	10/10/25 02:57	1
Methyl tert-butyl ether	0.0010	U	0.0010	0.00053	mg/Kg	☼	10/06/25 09:57	10/10/25 02:57	1
Methylcyclohexane	0.0010	U	0.0010	0.00052	mg/Kg	☼	10/06/25 09:57	10/10/25 02:57	1
Methylene Chloride	0.0021	U	0.0021	0.0012	mg/Kg	☼	10/06/25 09:57	10/10/25 02:57	1
m-Xylene & p-Xylene	0.0010	U	0.0010	0.00044	mg/Kg	☼	10/06/25 09:57	10/10/25 02:57	1
n-Butylbenzene	0.0010	U	0.0010	0.00031	mg/Kg	☼	10/06/25 09:57	10/10/25 02:57	1
N-Propylbenzene	0.0010	U	0.0010	0.00047	mg/Kg	☼	10/06/25 09:57	10/10/25 02:57	1
o-Xylene	0.0010	U	0.0010	0.00048	mg/Kg	☼	10/06/25 09:57	10/10/25 02:57	1
sec-Butylbenzene	0.0010	U	0.0010	0.00030	mg/Kg	☼	10/06/25 09:57	10/10/25 02:57	1
Styrene	0.0010	U	0.0010	0.00029	mg/Kg	☼	10/06/25 09:57	10/10/25 02:57	1
tert-Butylbenzene	0.0010	U	0.0010	0.00029	mg/Kg	☼	10/06/25 09:57	10/10/25 02:57	1
Tetrachloroethene	0.0010	U	0.0010	0.00032	mg/Kg	☼	10/06/25 09:57	10/10/25 02:57	1
Toluene	0.0010	U	0.0010	0.00024	mg/Kg	☼	10/06/25 09:57	10/10/25 02:57	1
trans-1,2-Dichloroethene	0.0010	U	0.0010	0.00026	mg/Kg	☼	10/06/25 09:57	10/10/25 02:57	1
trans-1,3-Dichloropropene	0.0010	U	0.0010	0.00028	mg/Kg	☼	10/06/25 09:57	10/10/25 02:57	1
Trichloroethene	0.0010	U	0.0010	0.00033	mg/Kg	☼	10/06/25 09:57	10/10/25 02:57	1
Trichlorofluoromethane	0.0010	U	0.0010	0.00042	mg/Kg	☼	10/06/25 09:57	10/10/25 02:57	1
Vinyl chloride	0.0010	U	0.0010	0.00057	mg/Kg	☼	10/06/25 09:57	10/10/25 02:57	1
Xylenes, Total	0.0021	U	0.0021	0.00018	mg/Kg	☼	10/06/25 09:57	10/10/25 02:57	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,2-Dichloroethane-d4 (Surr)	*91*		*65 - 138*	*10/06/25 09:57*	*10/10/25 02:57*	*1*
4-Bromofluorobenzene	*95*		*71 - 128*	*10/06/25 09:57*	*10/10/25 02:57*	*1*
Dibromofluoromethane (Surr)	*98*		*50 - 150*	*10/06/25 09:57*	*10/10/25 02:57*	*1*
Toluene-d8 (Surr)	*100*		*71 - 126*	*10/06/25 09:57*	*10/10/25 02:57*	*1*

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Percent Moisture (EPA Moisture)	**5.7**		1.0	1.0	%			10/09/25 15:54	1
Percent Solids (EPA Moisture)	**94.3**		1.0	1.0	%			10/09/25 15:54	1

Client Sample ID: 2B1_6-7
Date Collected: 10/03/25 10:30
Date Received: 10/03/25 16:15

Lab Sample ID: 460-336467-31
Matrix: Solid
Percent Solids: 96.0

Method: SW846 8260D - Volatile Organic Compounds by GC/MS

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1-Trichloroethane	0.0012	U	0.0012	0.00027	mg/Kg	☼	10/06/25 09:58	10/10/25 03:21	1
1,1,2,2-Tetrachloroethane	0.0012	U	0.0012	0.00061	mg/Kg	☼	10/06/25 09:58	10/10/25 03:21	1
1,1,2-Trichloro-1,2,2-trifluoroethane	0.0012	U	0.0012	0.00035	mg/Kg	☼	10/06/25 09:58	10/10/25 03:21	1
1,1,2-Trichloroethane	0.0012	U	0.0012	0.00071	mg/Kg	☼	10/06/25 09:58	10/10/25 03:21	1
1,1-Dichloroethane	0.0012	U	0.0012	0.00070	mg/Kg	☼	10/06/25 09:58	10/10/25 03:21	1
1,1-Dichloroethene	0.0012	U	0.0012	0.00026	mg/Kg	☼	10/06/25 09:58	10/10/25 03:21	1
1,2,3-Trichlorobenzene	0.0012	U	0.0012	0.00087	mg/Kg	☼	10/06/25 09:58	10/10/25 03:21	1
1,2,4-Trichlorobenzene	0.0012	U	0.0012	0.00042	mg/Kg	☼	10/06/25 09:58	10/10/25 03:21	1
1,2,4-Trimethylbenzene	0.0012	U	0.0012	0.00029	mg/Kg	☼	10/06/25 09:58	10/10/25 03:21	1
1,2-Dibromo-3-Chloropropane	0.0012	U	0.0012	0.00054	mg/Kg	☼	10/06/25 09:58	10/10/25 03:21	1
1,2-Dichlorobenzene	0.0012	U	0.0012	0.00042	mg/Kg	☼	10/06/25 09:58	10/10/25 03:21	1
1,2-Dichloroethane	0.0012	U	0.0012	0.00035	mg/Kg	☼	10/06/25 09:58	10/10/25 03:21	1
1,2-Dichloropropane	0.0012	U	0.0012	0.00050	mg/Kg	☼	10/06/25 09:58	10/10/25 03:21	1
1,3,5-Trimethylbenzene	0.0012	U	0.0012	0.00037	mg/Kg	☼	10/06/25 09:58	10/10/25 03:21	1
1,3-Dichlorobenzene	0.0012	U	0.0012	0.00043	mg/Kg	☼	10/06/25 09:58	10/10/25 03:21	1
1,4-Dichlorobenzene	0.0012	U	0.0012	0.00061	mg/Kg	☼	10/06/25 09:58	10/10/25 03:21	1
2-Butanone (MEK)	0.0059	U	0.0059	0.00043	mg/Kg	☼	10/06/25 09:58	10/10/25 03:21	1
2-Hexanone	0.0059	U	0.0059	0.0020	mg/Kg	☼	10/06/25 09:58	10/10/25 03:21	1
4-Methyl-2-pentanone (MIBK)	0.0059	U	0.0059	0.0018	mg/Kg	☼	10/06/25 09:58	10/10/25 03:21	1
Acetone	0.0071	U	0.0071	0.0067	mg/Kg	☼	10/06/25 09:58	10/10/25 03:21	1
Benzene	0.0012	U	0.0012	0.00067	mg/Kg	☼	10/06/25 09:58	10/10/25 03:21	1
Bromoform	0.0012	U	0.0012	0.00050	mg/Kg	☼	10/06/25 09:58	10/10/25 03:21	1
Bromomethane	0.0024	U *	0.0024	0.0012	mg/Kg	☼	10/06/25 09:58	10/10/25 03:21	1
Carbon disulfide	0.0012	U	0.0012	0.00031	mg/Kg	☼	10/06/25 09:58	10/10/25 03:21	1
Carbon tetrachloride	0.0012	U	0.0012	0.00045	mg/Kg	☼	10/06/25 09:58	10/10/25 03:21	1
Chlorobenzene	0.0012	U	0.0012	0.00060	mg/Kg	☼	10/06/25 09:58	10/10/25 03:21	1
Chlorobromomethane	0.0012	U	0.0012	0.00070	mg/Kg	☼	10/06/25 09:58	10/10/25 03:21	1
Chlorodibromomethane	0.0012	U	0.0012	0.00063	mg/Kg	☼	10/06/25 09:58	10/10/25 03:21	1
Chloroethane	0.0012	U *	0.0012	0.00061	mg/Kg	☼	10/06/25 09:58	10/10/25 03:21	1
Chloroform	0.0012	U	0.0012	0.0011	mg/Kg	☼	10/06/25 09:58	10/10/25 03:21	1
Chloromethane	0.0012	U	0.0012	0.00051	mg/Kg	☼	10/06/25 09:58	10/10/25 03:21	1
cis-1,2-Dichloroethene	0.0012	U	0.0012	0.00042	mg/Kg	☼	10/06/25 09:58	10/10/25 03:21	1
cis-1,3-Dichloropropene	0.0012	U	0.0012	0.00032	mg/Kg	☼	10/06/25 09:58	10/10/25 03:21	1
Cyclohexane	0.0012	U	0.0012	0.00026	mg/Kg	☼	10/06/25 09:58	10/10/25 03:21	1
Dichlorobromomethane	0.0012	U	0.0012	0.00030	mg/Kg	☼	10/06/25 09:58	10/10/25 03:21	1
Dichlorodifluoromethane	0.0012	U	0.0012	0.00040	mg/Kg	☼	10/06/25 09:58	10/10/25 03:21	1
Ethylbenzene	0.0012	U	0.0012	0.00055	mg/Kg	☼	10/06/25 09:58	10/10/25 03:21	1
Ethylene Dibromide	0.0012	U	0.0012	0.00059	mg/Kg	☼	10/06/25 09:58	10/10/25 03:21	1
Isopropylbenzene	0.0012	U	0.0012	0.00034	mg/Kg	☼	10/06/25 09:58	10/10/25 03:21	1
Methyl acetate	0.0059	U	0.0059	0.0051	mg/Kg	☼	10/06/25 09:58	10/10/25 03:21	1
Methyl tert-butyl ether	0.0012	U	0.0012	0.00060	mg/Kg	☼	10/06/25 09:58	10/10/25 03:21	1
Methylcyclohexane	0.0012	U	0.0012	0.00059	mg/Kg	☼	10/06/25 09:58	10/10/25 03:21	1
Methylene Chloride	0.0024	U	0.0024	0.0013	mg/Kg	☼	10/06/25 09:58	10/10/25 03:21	1
m-Xylene & p-Xylene	0.0012	U	0.0012	0.00050	mg/Kg	☼	10/06/25 09:58	10/10/25 03:21	1
n-Butylbenzene	0.0012	U	0.0012	0.00035	mg/Kg	☼	10/06/25 09:58	10/10/25 03:21	1
N-Propylbenzene	0.0012	U	0.0012	0.00053	mg/Kg	☼	10/06/25 09:58	10/10/25 03:21	1
o-Xylene	0.0012	U	0.0012	0.00054	mg/Kg	☼	10/06/25 09:58	10/10/25 03:21	1
sec-Butylbenzene	0.0012	U	0.0012	0.00034	mg/Kg	☼	10/06/25 09:58	10/10/25 03:21	1
Styrene	0.0012	U	0.0012	0.00033	mg/Kg	☼	10/06/25 09:58	10/10/25 03:21	1

Client Sample ID: 2B1_6-7

Date Collected: 10/03/25 10:30
Date Received: 10/03/25 16:15

Lab Sample ID: 460-336467-31

Matrix: Solid
Percent Solids: 96.0

Method: SW846 8260D - Volatile Organic Compounds by GC/MS (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
tert-Butylbenzene	0.0012	U	0.0012	0.00032	mg/Kg	☼	10/06/25 09:58	10/10/25 03:21	1
Tetrachloroethene	0.0012	U	0.0012	0.00036	mg/Kg	☼	10/06/25 09:58	10/10/25 03:21	1
Toluene	0.0012	U	0.0012	0.00028	mg/Kg	☼	10/06/25 09:58	10/10/25 03:21	1
trans-1,2-Dichloroethene	0.0012	U	0.0012	0.00029	mg/Kg	☼	10/06/25 09:58	10/10/25 03:21	1
trans-1,3-Dichloropropene	0.0012	U	0.0012	0.00031	mg/Kg	☼	10/06/25 09:58	10/10/25 03:21	1
Trichloroethene	0.0012	U	0.0012	0.00038	mg/Kg	☼	10/06/25 09:58	10/10/25 03:21	1
Trichlorofluoromethane	0.0012	U	0.0012	0.00048	mg/Kg	☼	10/06/25 09:58	10/10/25 03:21	1
Vinyl chloride	0.0012	U	0.0012	0.00064	mg/Kg	☼	10/06/25 09:58	10/10/25 03:21	1
Xylenes, Total	0.0024	U	0.0024	0.00020	mg/Kg	☼	10/06/25 09:58	10/10/25 03:21	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,2-Dichloroethane-d4 (Surr)	*91*		*65 - 138*	*10/06/25 09:58*	*10/10/25 03:21*	*1*
4-Bromofluorobenzene	*98*		*71 - 128*	*10/06/25 09:58*	*10/10/25 03:21*	*1*
Dibromofluoromethane (Surr)	*97*		*50 - 150*	*10/06/25 09:58*	*10/10/25 03:21*	*1*
Toluene-d8 (Surr)	*100*		*71 - 126*	*10/06/25 09:58*	*10/10/25 03:21*	*1*

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Percent Moisture (EPA Moisture)	**4.0**		1.0	1.0	%			10/09/25 15:54	1
Percent Solids (EPA Moisture)	**96.0**		1.0	1.0	%			10/09/25 15:54	1

Client Sample ID: 2B2_8-9

Date Collected: 10/03/25 10:35
Date Received: 10/03/25 16:15

Lab Sample ID: 460-336467-32

Matrix: Solid
Percent Solids: 97.3

Method: SW846 8260D - Volatile Organic Compounds by GC/MS

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1-Trichloroethane	0.0012	U	0.0012	0.00028	mg/Kg	☼	10/06/25 09:58	10/10/25 03:45	1
1,1,2,2-Tetrachloroethane	0.0012	U	0.0012	0.00063	mg/Kg	☼	10/06/25 09:58	10/10/25 03:45	1
1,1,2-Trichloro-1,2,2-trifluoroethane	0.0012	U	0.0012	0.00036	mg/Kg	☼	10/06/25 09:58	10/10/25 03:45	1
1,1,2-Trichloroethane	0.0012	U	0.0012	0.00073	mg/Kg	☼	10/06/25 09:58	10/10/25 03:45	1
1,1-Dichloroethane	0.0012	U	0.0012	0.00072	mg/Kg	☼	10/06/25 09:58	10/10/25 03:45	1
1,1-Dichloroethene	0.0012	U	0.0012	0.00027	mg/Kg	☼	10/06/25 09:58	10/10/25 03:45	1
1,2,3-Trichlorobenzene	0.0012	U	0.0012	0.00089	mg/Kg	☼	10/06/25 09:58	10/10/25 03:45	1
1,2,4-Trichlorobenzene	0.0012	U	0.0012	0.00043	mg/Kg	☼	10/06/25 09:58	10/10/25 03:45	1
1,2,4-Trimethylbenzene	0.0012	U	0.0012	0.00030	mg/Kg	☼	10/06/25 09:58	10/10/25 03:45	1
1,2-Dibromo-3-Chloropropane	0.0012	U	0.0012	0.00056	mg/Kg	☼	10/06/25 09:58	10/10/25 03:45	1
1,2-Dichlorobenzene	0.0012	U	0.0012	0.00044	mg/Kg	☼	10/06/25 09:58	10/10/25 03:45	1
1,2-Dichloroethane	0.0012	U	0.0012	0.00036	mg/Kg	☼	10/06/25 09:58	10/10/25 03:45	1
1,2-Dichloropropane	0.0012	U	0.0012	0.00051	mg/Kg	☼	10/06/25 09:58	10/10/25 03:45	1
1,3,5-Trimethylbenzene	0.0012	U	0.0012	0.00038	mg/Kg	☼	10/06/25 09:58	10/10/25 03:45	1
1,3-Dichlorobenzene	0.0012	U	0.0012	0.00044	mg/Kg	☼	10/06/25 09:58	10/10/25 03:45	1
1,4-Dichlorobenzene	0.0012	U	0.0012	0.00063	mg/Kg	☼	10/06/25 09:58	10/10/25 03:45	1
2-Butanone (MEK)	0.0060	U	0.0060	0.00044	mg/Kg	☼	10/06/25 09:58	10/10/25 03:45	1
2-Hexanone	0.0060	U	0.0060	0.0021	mg/Kg	☼	10/06/25 09:58	10/10/25 03:45	1
4-Methyl-2-pentanone (MIBK)	0.0060	U	0.0060	0.0019	mg/Kg	☼	10/06/25 09:58	10/10/25 03:45	1
Acetone	**0.19**		0.0072	0.0069	mg/Kg	☼	10/06/25 09:58	10/10/25 03:45	1
Benzene	0.0012	U	0.0012	0.00068	mg/Kg	☼	10/06/25 09:58	10/10/25 03:45	1
Bromoform	0.0012	U	0.0012	0.00051	mg/Kg	☼	10/06/25 09:58	10/10/25 03:45	1
Bromomethane	0.0024	U *	0.0024	0.0012	mg/Kg	☼	10/06/25 09:58	10/10/25 03:45	1

Client Sample ID: 2B2_8-9
Date Collected: 10/03/25 10:35
Date Received: 10/03/25 16:15

Lab Sample ID: 460-336467-32
Matrix: Solid
Percent Solids: 97.3

Method: SW846 8260D - Volatile Organic Compounds by GC/MS (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Carbon disulfide	0.0012	U	0.0012	0.00032	mg/Kg	☼	10/06/25 09:58	10/10/25 03:45	1
Carbon tetrachloride	0.0012	U	0.0012	0.00047	mg/Kg	☼	10/06/25 09:58	10/10/25 03:45	1
Chlorobenzene	0.0012	U	0.0012	0.00061	mg/Kg	☼	10/06/25 09:58	10/10/25 03:45	1
Chlorobromomethane	0.0012	U	0.0012	0.00072	mg/Kg	☼	10/06/25 09:58	10/10/25 03:45	1
Chlorodibromomethane	0.0012	U	0.0012	0.00065	mg/Kg	☼	10/06/25 09:58	10/10/25 03:45	1
Chloroethane	0.0012	U *	0.0012	0.00063	mg/Kg	☼	10/06/25 09:58	10/10/25 03:45	1
Chloroform	0.0012	U	0.0012	0.0012	mg/Kg	☼	10/06/25 09:58	10/10/25 03:45	1
Chloromethane	0.0012	U	0.0012	0.00053	mg/Kg	☼	10/06/25 09:58	10/10/25 03:45	1
cis-1,2-Dichloroethene	0.0012	U	0.0012	0.00043	mg/Kg	☼	10/06/25 09:58	10/10/25 03:45	1
cis-1,3-Dichloropropene	0.0012	U	0.0012	0.00033	mg/Kg	☼	10/06/25 09:58	10/10/25 03:45	1
Cyclohexane	0.0012	U	0.0012	0.00027	mg/Kg	☼	10/06/25 09:58	10/10/25 03:45	1
Dichlorobromomethane	0.0012	U	0.0012	0.00031	mg/Kg	☼	10/06/25 09:58	10/10/25 03:45	1
Dichlorodifluoromethane	0.0012	U	0.0012	0.00041	mg/Kg	☼	10/06/25 09:58	10/10/25 03:45	1
Ethylbenzene	0.0012	U	0.0012	0.00056	mg/Kg	☼	10/06/25 09:58	10/10/25 03:45	1
Ethylene Dibromide	0.0012	U	0.0012	0.00061	mg/Kg	☼	10/06/25 09:58	10/10/25 03:45	1
Isopropylbenzene	0.0012	U	0.0012	0.00034	mg/Kg	☼	10/06/25 09:58	10/10/25 03:45	1
Methyl acetate	0.0060	U	0.0060	0.0052	mg/Kg	☼	10/06/25 09:58	10/10/25 03:45	1
Methyl tert-butyl ether	0.0012	U	0.0012	0.00062	mg/Kg	☼	10/06/25 09:58	10/10/25 03:45	1
Methylcyclohexane	0.0012	U	0.0012	0.00060	mg/Kg	☼	10/06/25 09:58	10/10/25 03:45	1
Methylene Chloride	0.0024	U	0.0024	0.0014	mg/Kg	☼	10/06/25 09:58	10/10/25 03:45	1
m-Xylene & p-Xylene	0.0012	U	0.0012	0.00051	mg/Kg	☼	10/06/25 09:58	10/10/25 03:45	1
n-Butylbenzene	0.0012	U	0.0012	0.00035	mg/Kg	☼	10/06/25 09:58	10/10/25 03:45	1
N-Propylbenzene	0.0012	U	0.0012	0.00054	mg/Kg	☼	10/06/25 09:58	10/10/25 03:45	1
o-Xylene	0.0012	U	0.0012	0.00056	mg/Kg	☼	10/06/25 09:58	10/10/25 03:45	1
sec-Butylbenzene	0.0012	U	0.0012	0.00035	mg/Kg	☼	10/06/25 09:58	10/10/25 03:45	1
Styrene	0.0012	U	0.0012	0.00034	mg/Kg	☼	10/06/25 09:58	10/10/25 03:45	1
tert-Butylbenzene	0.0012	U	0.0012	0.00033	mg/Kg	☼	10/06/25 09:58	10/10/25 03:45	1
Tetrachloroethene	0.0012	U	0.0012	0.00037	mg/Kg	☼	10/06/25 09:58	10/10/25 03:45	1
Toluene	**0.00047**	**J**	0.0012	0.00028	mg/Kg	☼	10/06/25 09:58	10/10/25 03:45	1
trans-1,2-Dichloroethene	0.0012	U	0.0012	0.00030	mg/Kg	☼	10/06/25 09:58	10/10/25 03:45	1
trans-1,3-Dichloropropene	0.0012	U	0.0012	0.00032	mg/Kg	☼	10/06/25 09:58	10/10/25 03:45	1
Trichloroethene	0.0012	U	0.0012	0.00039	mg/Kg	☼	10/06/25 09:58	10/10/25 03:45	1
Trichlorofluoromethane	0.0012	U	0.0012	0.00049	mg/Kg	☼	10/06/25 09:58	10/10/25 03:45	1
Vinyl chloride	0.0012	U	0.0012	0.00066	mg/Kg	☼	10/06/25 09:58	10/10/25 03:45	1
Xylenes, Total	0.0024	U	0.0024	0.00021	mg/Kg	☼	10/06/25 09:58	10/10/25 03:45	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,2-Dichloroethane-d4 (Surr)	*92*		*65 - 138*	*10/06/25 09:58*	*10/10/25 03:45*	*1*
4-Bromofluorobenzene	*94*		*71 - 128*	*10/06/25 09:58*	*10/10/25 03:45*	*1*
Dibromofluoromethane (Surr)	*100*		*50 - 150*	*10/06/25 09:58*	*10/10/25 03:45*	*1*
Toluene-d8 (Surr)	*99*		*71 - 126*	*10/06/25 09:58*	*10/10/25 03:45*	*1*

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Percent Moisture (EPA Moisture)	**2.7**		1.0	1.0	%			10/09/25 15:54	1
Percent Solids (EPA Moisture)	**97.3**		1.0	1.0	%			10/09/25 15:54	1

Client Sample ID: 2B3_9-10
Date Collected: 10/03/25 10:40
Date Received: 10/03/25 16:15

Lab Sample ID: 460-336467-33
Matrix: Solid
Percent Solids: 97.2

Method: SW846 8260D - Volatile Organic Compounds by GC/MS

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1-Trichloroethane	0.0010	U	0.0010	0.00023	mg/Kg	☼	10/06/25 09:59	10/10/25 04:09	1
1,1,2,2-Tetrachloroethane	0.0010	U	0.0010	0.00052	mg/Kg	☼	10/06/25 09:59	10/10/25 04:09	1
1,1,2-Trichloro-1,2,2-trifluoroethane	0.0010	U	0.0010	0.00030	mg/Kg	☼	10/06/25 09:59	10/10/25 04:09	1
1,1,2-Trichloroethane	0.0010	U	0.0010	0.00060	mg/Kg	☼	10/06/25 09:59	10/10/25 04:09	1
1,1-Dichloroethane	0.0010	U	0.0010	0.00060	mg/Kg	☼	10/06/25 09:59	10/10/25 04:09	1
1,1-Dichloroethene	0.0010	U	0.0010	0.00022	mg/Kg	☼	10/06/25 09:59	10/10/25 04:09	1
1,2,3-Trichlorobenzene	0.0010	U	0.0010	0.00074	mg/Kg	☼	10/06/25 09:59	10/10/25 04:09	1
1,2,4-Trichlorobenzene	0.0010	U	0.0010	0.00036	mg/Kg	☼	10/06/25 09:59	10/10/25 04:09	1
1,2,4-Trimethylbenzene	0.0010	U	0.0010	0.00025	mg/Kg	☼	10/06/25 09:59	10/10/25 04:09	1
1,2-Dibromo-3-Chloropropane	0.0010	U	0.0010	0.00046	mg/Kg	☼	10/06/25 09:59	10/10/25 04:09	1
1,2-Dichlorobenzene	0.0010	U	0.0010	0.00036	mg/Kg	☼	10/06/25 09:59	10/10/25 04:09	1
1,2-Dichloroethane	0.0010	U	0.0010	0.00030	mg/Kg	☼	10/06/25 09:59	10/10/25 04:09	1
1,2-Dichloropropane	0.0010	U	0.0010	0.00042	mg/Kg	☼	10/06/25 09:59	10/10/25 04:09	1
1,3,5-Trimethylbenzene	0.0010	U	0.0010	0.00031	mg/Kg	☼	10/06/25 09:59	10/10/25 04:09	1
1,3-Dichlorobenzene	0.0010	U	0.0010	0.00036	mg/Kg	☼	10/06/25 09:59	10/10/25 04:09	1
1,4-Dichlorobenzene	0.0010	U	0.0010	0.00052	mg/Kg	☼	10/06/25 09:59	10/10/25 04:09	1
2-Butanone (MEK)	0.0050	U	0.0050	0.00037	mg/Kg	☼	10/06/25 09:59	10/10/25 04:09	1
2-Hexanone	0.0050	U	0.0050	0.0017	mg/Kg	☼	10/06/25 09:59	10/10/25 04:09	1
4-Methyl-2-pentanone (MIBK)	0.0050	U	0.0050	0.0016	mg/Kg	☼	10/06/25 09:59	10/10/25 04:09	1
Acetone	**0.0078**		0.0060	0.0057	mg/Kg	☼	10/06/25 09:59	10/10/25 04:09	1
Benzene	0.0010	U	0.0010	0.00057	mg/Kg	☼	10/06/25 09:59	10/10/25 04:09	1
Bromoform	0.0010	U	0.0010	0.00042	mg/Kg	☼	10/06/25 09:59	10/10/25 04:09	1
Bromomethane	0.0020	U *	0.0020	0.0010	mg/Kg	☼	10/06/25 09:59	10/10/25 04:09	1
Carbon disulfide	0.0010	U	0.0010	0.00027	mg/Kg	☼	10/06/25 09:59	10/10/25 04:09	1
Carbon tetrachloride	0.0010	U	0.0010	0.00039	mg/Kg	☼	10/06/25 09:59	10/10/25 04:09	1
Chlorobenzene	0.0010	U	0.0010	0.00051	mg/Kg	☼	10/06/25 09:59	10/10/25 04:09	1
Chlorobromomethane	0.0010	U	0.0010	0.00060	mg/Kg	☼	10/06/25 09:59	10/10/25 04:09	1
Chlorodibromomethane	0.0010	U	0.0010	0.00054	mg/Kg	☼	10/06/25 09:59	10/10/25 04:09	1
Chloroethane	0.0010	U *	0.0010	0.00052	mg/Kg	☼	10/06/25 09:59	10/10/25 04:09	1
Chloroform	0.0010	U	0.0010	0.00097	mg/Kg	☼	10/06/25 09:59	10/10/25 04:09	1
Chloromethane	0.0010	U	0.0010	0.00043	mg/Kg	☼	10/06/25 09:59	10/10/25 04:09	1
cis-1,2-Dichloroethene	0.0010	U	0.0010	0.00036	mg/Kg	☼	10/06/25 09:59	10/10/25 04:09	1
cis-1,3-Dichloropropene	0.0010	U	0.0010	0.00027	mg/Kg	☼	10/06/25 09:59	10/10/25 04:09	1
Cyclohexane	0.0010	U	0.0010	0.00022	mg/Kg	☼	10/06/25 09:59	10/10/25 04:09	1
Dichlorobromomethane	0.0010	U	0.0010	0.00026	mg/Kg	☼	10/06/25 09:59	10/10/25 04:09	1
Dichlorodifluoromethane	0.0010	U	0.0010	0.00034	mg/Kg	☼	10/06/25 09:59	10/10/25 04:09	1
Ethylbenzene	0.0010	U	0.0010	0.00047	mg/Kg	☼	10/06/25 09:59	10/10/25 04:09	1
Ethylene Dibromide	0.0010	U	0.0010	0.00050	mg/Kg	☼	10/06/25 09:59	10/10/25 04:09	1
Isopropylbenzene	0.0010	U	0.0010	0.00028	mg/Kg	☼	10/06/25 09:59	10/10/25 04:09	1
Methyl acetate	0.0050	U	0.0050	0.0043	mg/Kg	☼	10/06/25 09:59	10/10/25 04:09	1
Methyl tert-butyl ether	0.0010	U	0.0010	0.00051	mg/Kg	☼	10/06/25 09:59	10/10/25 04:09	1
Methylcyclohexane	0.0010	U	0.0010	0.00050	mg/Kg	☼	10/06/25 09:59	10/10/25 04:09	1
Methylene Chloride	0.0020	U	0.0020	0.0011	mg/Kg	☼	10/06/25 09:59	10/10/25 04:09	1
m-Xylene & p-Xylene	0.0010	U	0.0010	0.00042	mg/Kg	☼	10/06/25 09:59	10/10/25 04:09	1
n-Butylbenzene	0.0010	U	0.0010	0.00029	mg/Kg	☼	10/06/25 09:59	10/10/25 04:09	1
N-Propylbenzene	0.0010	U	0.0010	0.00045	mg/Kg	☼	10/06/25 09:59	10/10/25 04:09	1
o-Xylene	0.0010	U	0.0010	0.00046	mg/Kg	☼	10/06/25 09:59	10/10/25 04:09	1
sec-Butylbenzene	0.0010	U	0.0010	0.00029	mg/Kg	☼	10/06/25 09:59	10/10/25 04:09	1
Styrene	0.0010	U	0.0010	0.00028	mg/Kg	☼	10/06/25 09:59	10/10/25 04:09	1

Client Sample ID: 2B3_9-10

Lab Sample ID: 460-336467-33

Date Collected: 10/03/25 10:40

Matrix: Solid

Date Received: 10/03/25 16:15

Percent Solids: 97.2

Method: SW846 8260D - Volatile Organic Compounds by GC/MS (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
tert-Butylbenzene	0.0010	U	0.0010	0.00028	mg/Kg	☼	10/06/25 09:59	10/10/25 04:09	1
Tetrachloroethene	0.0010	U	0.0010	0.00030	mg/Kg	☼	10/06/25 09:59	10/10/25 04:09	1
Toluene	0.0010	U	0.0010	0.00023	mg/Kg	☼	10/06/25 09:59	10/10/25 04:09	1
trans-1,2-Dichloroethene	0.0010	U	0.0010	0.00025	mg/Kg	☼	10/06/25 09:59	10/10/25 04:09	1
trans-1,3-Dichloropropene	0.0010	U	0.0010	0.00027	mg/Kg	☼	10/06/25 09:59	10/10/25 04:09	1
Trichloroethene	0.0010	U	0.0010	0.00032	mg/Kg	☼	10/06/25 09:59	10/10/25 04:09	1
Trichlorofluoromethane	0.0010	U	0.0010	0.00041	mg/Kg	☼	10/06/25 09:59	10/10/25 04:09	1
Vinyl chloride	0.0010	U	0.0010	0.00055	mg/Kg	☼	10/06/25 09:59	10/10/25 04:09	1
Xylenes, Total	0.0020	U	0.0020	0.00017	mg/Kg	☼	10/06/25 09:59	10/10/25 04:09	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,2-Dichloroethane-d4 (Surr)	*93*		*65 - 138*	*10/06/25 09:59*	*10/10/25 04:09*	*1*
4-Bromofluorobenzene	*92*		*71 - 128*	*10/06/25 09:59*	*10/10/25 04:09*	*1*
Dibromofluoromethane (Surr)	*96*		*50 - 150*	*10/06/25 09:59*	*10/10/25 04:09*	*1*
Toluene-d8 (Surr)	*99*		*71 - 126*	*10/06/25 09:59*	*10/10/25 04:09*	*1*

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Percent Moisture (EPA Moisture)	**2.8**		1.0	1.0	%			10/09/25 15:54	1
Percent Solids (EPA Moisture)	**97.2**		1.0	1.0	%			10/09/25 15:54	1

Client Sample ID: 2B1_10-11

Lab Sample ID: 460-336467-34

Date Collected: 10/03/25 10:45

Matrix: Solid

Date Received: 10/03/25 16:15

Percent Solids: 98.7

Method: SW846 8260D - Volatile Organic Compounds by GC/MS

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1-Trichloroethane	0.0012	U	0.0012	0.00029	mg/Kg	☼	10/06/25 09:59	10/10/25 04:33	1
1,1,2,2-Tetrachloroethane	0.0012	U	0.0012	0.00065	mg/Kg	☼	10/06/25 09:59	10/10/25 04:33	1
1,1,2-Trichloro-1,2,2-trifluoroethane	0.0012	U	0.0012	0.00038	mg/Kg	☼	10/06/25 09:59	10/10/25 04:33	1
1,1,2-Trichloroethane	0.0012	U	0.0012	0.00075	mg/Kg	☼	10/06/25 09:59	10/10/25 04:33	1
1,1-Dichloroethane	0.0012	U	0.0012	0.00075	mg/Kg	☼	10/06/25 09:59	10/10/25 04:33	1
1,1-Dichloroethene	0.0012	U	0.0012	0.00028	mg/Kg	☼	10/06/25 09:59	10/10/25 04:33	1
1,2,3-Trichlorobenzene	0.0012	U	0.0012	0.00092	mg/Kg	☼	10/06/25 09:59	10/10/25 04:33	1
1,2,4-Trichlorobenzene	0.0012	U	0.0012	0.00045	mg/Kg	☼	10/06/25 09:59	10/10/25 04:33	1
1,2,4-Trimethylbenzene	0.0012	U	0.0012	0.00031	mg/Kg	☼	10/06/25 09:59	10/10/25 04:33	1
1,2-Dibromo-3-Chloropropane	0.0012	U	0.0012	0.00057	mg/Kg	☼	10/06/25 09:59	10/10/25 04:33	1
1,2-Dichlorobenzene	0.0012	U	0.0012	0.00045	mg/Kg	☼	10/06/25 09:59	10/10/25 04:33	1
1,2-Dichloroethane	0.0012	U	0.0012	0.00037	mg/Kg	☼	10/06/25 09:59	10/10/25 04:33	1
1,2-Dichloropropane	0.0012	U	0.0012	0.00053	mg/Kg	☼	10/06/25 09:59	10/10/25 04:33	1
1,3,5-Trimethylbenzene	0.0012	U	0.0012	0.00039	mg/Kg	☼	10/06/25 09:59	10/10/25 04:33	1
1,3-Dichlorobenzene	0.0012	U	0.0012	0.00046	mg/Kg	☼	10/06/25 09:59	10/10/25 04:33	1
1,4-Dichlorobenzene	0.0012	U	0.0012	0.00065	mg/Kg	☼	10/06/25 09:59	10/10/25 04:33	1
2-Butanone (MEK)	0.0062	U	0.0062	0.00046	mg/Kg	☼	10/06/25 09:59	10/10/25 04:33	1
2-Hexanone	0.0062	U	0.0062	0.0021	mg/Kg	☼	10/06/25 09:59	10/10/25 04:33	1
4-Methyl-2-pentanone (MIBK)	0.0062	U	0.0062	0.0019	mg/Kg	☼	10/06/25 09:59	10/10/25 04:33	1
Acetone	**0.16**		0.0075	0.0071	mg/Kg	☼	10/06/25 09:59	10/10/25 04:33	1
Benzene	0.0012	U	0.0012	0.00071	mg/Kg	☼	10/06/25 09:59	10/10/25 04:33	1
Bromoform	0.0012	U	0.0012	0.00053	mg/Kg	☼	10/06/25 09:59	10/10/25 04:33	1
Bromomethane	0.0025	U *	0.0025	0.0012	mg/Kg	☼	10/06/25 09:59	10/10/25 04:33	1

Client Sample ID: 2B1_10-11
Date Collected: 10/03/25 10:45
Date Received: 10/03/25 16:15

Lab Sample ID: 460-336467-34
Matrix: Solid
Percent Solids: 98.7

Method: SW846 8260D - Volatile Organic Compounds by GC/MS (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Carbon disulfide	0.0012	U	0.0012	0.00033	mg/Kg	☼	10/06/25 09:59	10/10/25 04:33	1
Carbon tetrachloride	0.0012	U	0.0012	0.00048	mg/Kg	☼	10/06/25 09:59	10/10/25 04:33	1
Chlorobenzene	0.0012	U	0.0012	0.00063	mg/Kg	☼	10/06/25 09:59	10/10/25 04:33	1
Chlorobromomethane	0.0012	U	0.0012	0.00074	mg/Kg	☼	10/06/25 09:59	10/10/25 04:33	1
Chlorodibromomethane	0.0012	U	0.0012	0.00067	mg/Kg	☼	10/06/25 09:59	10/10/25 04:33	1
Chloroethane	0.0012	U *	0.0012	0.00065	mg/Kg	☼	10/06/25 09:59	10/10/25 04:33	1
Chloroform	0.0012	U	0.0012	0.0012	mg/Kg	☼	10/06/25 09:59	10/10/25 04:33	1
Chloromethane	0.0012	U	0.0012	0.00054	mg/Kg	☼	10/06/25 09:59	10/10/25 04:33	1
cis-1,2-Dichloroethene	0.0012	U	0.0012	0.00045	mg/Kg	☼	10/06/25 09:59	10/10/25 04:33	1
cis-1,3-Dichloropropene	0.0012	U	0.0012	0.00034	mg/Kg	☼	10/06/25 09:59	10/10/25 04:33	1
Cyclohexane	0.0012	U	0.0012	0.00028	mg/Kg	☼	10/06/25 09:59	10/10/25 04:33	1
Dichlorobromomethane	0.0012	U	0.0012	0.00032	mg/Kg	☼	10/06/25 09:59	10/10/25 04:33	1
Dichlorodifluoromethane	0.0012	U	0.0012	0.00042	mg/Kg	☼	10/06/25 09:59	10/10/25 04:33	1
Ethylbenzene	0.0012	U	0.0012	0.00058	mg/Kg	☼	10/06/25 09:59	10/10/25 04:33	1
Ethylene Dibromide	0.0012	U	0.0012	0.00063	mg/Kg	☼	10/06/25 09:59	10/10/25 04:33	1
Isopropylbenzene	0.0012	U	0.0012	0.00036	mg/Kg	☼	10/06/25 09:59	10/10/25 04:33	1
Methyl acetate	0.0062	U	0.0062	0.0054	mg/Kg	☼	10/06/25 09:59	10/10/25 04:33	1
Methyl tert-butyl ether	0.0012	U	0.0012	0.00064	mg/Kg	☼	10/06/25 09:59	10/10/25 04:33	1
Methylcyclohexane	0.0012	U	0.0012	0.00062	mg/Kg	☼	10/06/25 09:59	10/10/25 04:33	1
Methylene Chloride	**0.0017**	**J**	0.0025	0.0014	mg/Kg	☼	10/06/25 09:59	10/10/25 04:33	1
m-Xylene & p-Xylene	0.0012	U	0.0012	0.00053	mg/Kg	☼	10/06/25 09:59	10/10/25 04:33	1
n-Butylbenzene	0.0012	U	0.0012	0.00037	mg/Kg	☼	10/06/25 09:59	10/10/25 04:33	1
N-Propylbenzene	0.0012	U	0.0012	0.00056	mg/Kg	☼	10/06/25 09:59	10/10/25 04:33	1
o-Xylene	0.0012	U	0.0012	0.00058	mg/Kg	☼	10/06/25 09:59	10/10/25 04:33	1
sec-Butylbenzene	0.0012	U	0.0012	0.00036	mg/Kg	☼	10/06/25 09:59	10/10/25 04:33	1
Styrene	0.0012	U	0.0012	0.00035	mg/Kg	☼	10/06/25 09:59	10/10/25 04:33	1
tert-Butylbenzene	0.0012	U	0.0012	0.00034	mg/Kg	☼	10/06/25 09:59	10/10/25 04:33	1
Tetrachloroethene	0.0012	U	0.0012	0.00038	mg/Kg	☼	10/06/25 09:59	10/10/25 04:33	1
Toluene	0.0012	U	0.0012	0.00029	mg/Kg	☼	10/06/25 09:59	10/10/25 04:33	1
trans-1,2-Dichloroethene	0.0012	U	0.0012	0.00031	mg/Kg	☼	10/06/25 09:59	10/10/25 04:33	1
trans-1,3-Dichloropropene	0.0012	U	0.0012	0.00033	mg/Kg	☼	10/06/25 09:59	10/10/25 04:33	1
Trichloroethene	0.0012	U	0.0012	0.00040	mg/Kg	☼	10/06/25 09:59	10/10/25 04:33	1
Trichlorofluoromethane	0.0012	U	0.0012	0.00051	mg/Kg	☼	10/06/25 09:59	10/10/25 04:33	1
Vinyl chloride	0.0012	U	0.0012	0.00068	mg/Kg	☼	10/06/25 09:59	10/10/25 04:33	1
Xylenes, Total	0.0025	U	0.0025	0.00022	mg/Kg	☼	10/06/25 09:59	10/10/25 04:33	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,2-Dichloroethane-d4 (Surr)	*91*		*65 - 138*	*10/06/25 09:59*	*10/10/25 04:33*	*1*
4-Bromofluorobenzene	*98*		*71 - 128*	*10/06/25 09:59*	*10/10/25 04:33*	*1*
Dibromofluoromethane (Surr)	*97*		*50 - 150*	*10/06/25 09:59*	*10/10/25 04:33*	*1*
Toluene-d8 (Surr)	*101*		*71 - 126*	*10/06/25 09:59*	*10/10/25 04:33*	*1*

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Percent Moisture (EPA Moisture)	**1.3**		1.0	1.0	%			10/09/25 15:54	1
Percent Solids (EPA Moisture)	**98.7**		1.0	1.0	%			10/09/25 15:54	1

Client: Haley & Aldrich, Inc.
Project/Site: Former Port Mobil

Job ID: 460-336467-1

Client Sample ID: 1A1_1-2
Date Collected: 10/03/25 10:50
Date Received: 10/03/25 16:15

Lab Sample ID: 460-336467-35
Matrix: Solid
Percent Solids: 98.6

Method: SW846 8260D - Volatile Organic Compounds by GC/MS

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1-Trichloroethane	0.0010	U	0.0010	0.00024	mg/Kg	☼	10/06/25 09:59	10/10/25 04:57	1
1,1,2,2-Tetrachloroethane	0.0010	U	0.0010	0.00053	mg/Kg	☼	10/06/25 09:59	10/10/25 04:57	1
1,1,2-Trichloro-1,2,2-trifluoroethane	0.0010	U	0.0010	0.00031	mg/Kg	☼	10/06/25 09:59	10/10/25 04:57	1
1,1,2-Trichloroethane	0.0010	U	0.0010	0.00061	mg/Kg	☼	10/06/25 09:59	10/10/25 04:57	1
1,1-Dichloroethane	0.0010	U	0.0010	0.00061	mg/Kg	☼	10/06/25 09:59	10/10/25 04:57	1
1,1-Dichloroethene	0.0010	U	0.0010	0.00023	mg/Kg	☼	10/06/25 09:59	10/10/25 04:57	1
1,2,3-Trichlorobenzene	0.0010	U	0.0010	0.00075	mg/Kg	☼	10/06/25 09:59	10/10/25 04:57	1
1,2,4-Trichlorobenzene	0.0010	U	0.0010	0.00036	mg/Kg	☼	10/06/25 09:59	10/10/25 04:57	1
1,2,4-Trimethylbenzene	0.0010	U	0.0010	0.00025	mg/Kg	☼	10/06/25 09:59	10/10/25 04:57	1
1,2-Dibromo-3-Chloropropane	0.0010	U	0.0010	0.00047	mg/Kg	☼	10/06/25 09:59	10/10/25 04:57	1
1,2-Dichlorobenzene	0.0010	U	0.0010	0.00037	mg/Kg	☼	10/06/25 09:59	10/10/25 04:57	1
1,2-Dichloroethane	0.0010	U	0.0010	0.00030	mg/Kg	☼	10/06/25 09:59	10/10/25 04:57	1
1,2-Dichloropropane	0.0010	U	0.0010	0.00043	mg/Kg	☼	10/06/25 09:59	10/10/25 04:57	1
1,3,5-Trimethylbenzene	0.0010	U	0.0010	0.00032	mg/Kg	☼	10/06/25 09:59	10/10/25 04:57	1
1,3-Dichlorobenzene	0.0010	U	0.0010	0.00037	mg/Kg	☼	10/06/25 09:59	10/10/25 04:57	1
1,4-Dichlorobenzene	0.0010	U	0.0010	0.00053	mg/Kg	☼	10/06/25 09:59	10/10/25 04:57	1
2-Butanone (MEK)	0.0051	U	0.0051	0.00037	mg/Kg	☼	10/06/25 09:59	10/10/25 04:57	1
2-Hexanone	0.0051	U	0.0051	0.0017	mg/Kg	☼	10/06/25 09:59	10/10/25 04:57	1
4-Methyl-2-pentanone (MIBK)	0.0051	U	0.0051	0.0016	mg/Kg	☼	10/06/25 09:59	10/10/25 04:57	1
Acetone	**0.029**		0.0061	0.0058	mg/Kg	☼	10/06/25 09:59	10/10/25 04:57	1
Benzene	0.0010	U	0.0010	0.00058	mg/Kg	☼	10/06/25 09:59	10/10/25 04:57	1
Bromoform	0.0010	U	0.0010	0.00043	mg/Kg	☼	10/06/25 09:59	10/10/25 04:57	1
Bromomethane	0.0020	U *	0.0020	0.0010	mg/Kg	☼	10/06/25 09:59	10/10/25 04:57	1
Carbon disulfide	0.0010	U	0.0010	0.00027	mg/Kg	☼	10/06/25 09:59	10/10/25 04:57	1
Carbon tetrachloride	0.0010	U	0.0010	0.00039	mg/Kg	☼	10/06/25 09:59	10/10/25 04:57	1
Chlorobenzene	0.0010	U	0.0010	0.00051	mg/Kg	☼	10/06/25 09:59	10/10/25 04:57	1
Chlorobromomethane	0.0010	U	0.0010	0.00060	mg/Kg	☼	10/06/25 09:59	10/10/25 04:57	1
Chlorodibromomethane	0.0010	U	0.0010	0.00054	mg/Kg	☼	10/06/25 09:59	10/10/25 04:57	1
Chloroethane	0.0010	U *	0.0010	0.00053	mg/Kg	☼	10/06/25 09:59	10/10/25 04:57	1
Chloroform	0.0010	U	0.0010	0.00099	mg/Kg	☼	10/06/25 09:59	10/10/25 04:57	1
Chloromethane	0.0010	U	0.0010	0.00044	mg/Kg	☼	10/06/25 09:59	10/10/25 04:57	1
cis-1,2-Dichloroethene	0.0010	U	0.0010	0.00036	mg/Kg	☼	10/06/25 09:59	10/10/25 04:57	1
cis-1,3-Dichloropropene	0.0010	U	0.0010	0.00028	mg/Kg	☼	10/06/25 09:59	10/10/25 04:57	1
Cyclohexane	0.0010	U	0.0010	0.00022	mg/Kg	☼	10/06/25 09:59	10/10/25 04:57	1
Dichlorobromomethane	0.0010	U	0.0010	0.00026	mg/Kg	☼	10/06/25 09:59	10/10/25 04:57	1
Dichlorodifluoromethane	0.0010	U	0.0010	0.00034	mg/Kg	☼	10/06/25 09:59	10/10/25 04:57	1
Ethylbenzene	0.0010	U	0.0010	0.00047	mg/Kg	☼	10/06/25 09:59	10/10/25 04:57	1
Ethylene Dibromide	0.0010	U	0.0010	0.00051	mg/Kg	☼	10/06/25 09:59	10/10/25 04:57	1
Isopropylbenzene	0.0010	U	0.0010	0.00029	mg/Kg	☼	10/06/25 09:59	10/10/25 04:57	1
Methyl acetate	0.0051	U	0.0051	0.0044	mg/Kg	☼	10/06/25 09:59	10/10/25 04:57	1
Methyl tert-butyl ether	0.0010	U	0.0010	0.00052	mg/Kg	☼	10/06/25 09:59	10/10/25 04:57	1
Methylcyclohexane	0.0010	U	0.0010	0.00051	mg/Kg	☼	10/06/25 09:59	10/10/25 04:57	1
Methylene Chloride	**0.0024**		0.0020	0.0012	mg/Kg	☼	10/06/25 09:59	10/10/25 04:57	1
m-Xylene & p-Xylene	0.0010	U	0.0010	0.00043	mg/Kg	☼	10/06/25 09:59	10/10/25 04:57	1
n-Butylbenzene	0.0010	U	0.0010	0.00030	mg/Kg	☼	10/06/25 09:59	10/10/25 04:57	1
N-Propylbenzene	0.0010	U	0.0010	0.00046	mg/Kg	☼	10/06/25 09:59	10/10/25 04:57	1
o-Xylene	0.0010	U	0.0010	0.00047	mg/Kg	☼	10/06/25 09:59	10/10/25 04:57	1
sec-Butylbenzene	0.0010	U	0.0010	0.00029	mg/Kg	☼	10/06/25 09:59	10/10/25 04:57	1
Styrene	0.0010	U	0.0010	0.00028	mg/Kg	☼	10/06/25 09:59	10/10/25 04:57	1

Client Sample ID: 1A1_1-2

Date Collected: 10/03/25 10:50
Date Received: 10/03/25 16:15

Lab Sample ID: 460-336467-35

Matrix: Solid
Percent Solids: 98.6

Method: SW846 8260D - Volatile Organic Compounds by GC/MS (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
tert-Butylbenzene	0.0010	U	0.0010	0.00028	mg/Kg	☼	10/06/25 09:59	10/10/25 04:57	1
Tetrachloroethene	0.0010	U	0.0010	0.00031	mg/Kg	☼	10/06/25 09:59	10/10/25 04:57	1
Toluene	0.0010	U	0.0010	0.00024	mg/Kg	☼	10/06/25 09:59	10/10/25 04:57	1
trans-1,2-Dichloroethene	0.0010	U	0.0010	0.00025	mg/Kg	☼	10/06/25 09:59	10/10/25 04:57	1
trans-1,3-Dichloropropene	0.0010	U	0.0010	0.00027	mg/Kg	☼	10/06/25 09:59	10/10/25 04:57	1
Trichloroethene	0.0010	U	0.0010	0.00033	mg/Kg	☼	10/06/25 09:59	10/10/25 04:57	1
Trichlorofluoromethane	0.0010	U	0.0010	0.00041	mg/Kg	☼	10/06/25 09:59	10/10/25 04:57	1
Vinyl chloride	0.0010	U	0.0010	0.00055	mg/Kg	☼	10/06/25 09:59	10/10/25 04:57	1
Xylenes, Total	0.0020	U	0.0020	0.00018	mg/Kg	☼	10/06/25 09:59	10/10/25 04:57	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,2-Dichloroethane-d4 (Surr)	*91*		*65 - 138*	*10/06/25 09:59*	*10/10/25 04:57*	*1*
4-Bromofluorobenzene	*96*		*71 - 128*	*10/06/25 09:59*	*10/10/25 04:57*	*1*
Dibromofluoromethane (Surr)	*99*		*50 - 150*	*10/06/25 09:59*	*10/10/25 04:57*	*1*
Toluene-d8 (Surr)	*101*		*71 - 126*	*10/06/25 09:59*	*10/10/25 04:57*	*1*

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Percent Moisture (EPA Moisture)	**1.4**		1.0	1.0	%			10/09/25 15:54	1
Percent Solids (EPA Moisture)	**98.6**		1.0	1.0	%			10/09/25 15:54	1

Client Sample ID: 1A2_3-4

Date Collected: 10/03/25 10:55
Date Received: 10/03/25 16:15

Lab Sample ID: 460-336467-36

Matrix: Solid
Percent Solids: 96.1

Method: SW846 8260D - Volatile Organic Compounds by GC/MS

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1-Trichloroethane	0.0011	U	0.0011	0.00026	mg/Kg	☼	10/06/25 10:00	10/10/25 05:21	1
1,1,2,2-Tetrachloroethane	0.0011	U	0.0011	0.00059	mg/Kg	☼	10/06/25 10:00	10/10/25 05:21	1
1,1,2-Trichloro-1,2,2-trifluoroethane	0.0011	U	0.0011	0.00034	mg/Kg	☼	10/06/25 10:00	10/10/25 05:21	1
1,1,2-Trichloroethane	0.0011	U	0.0011	0.00067	mg/Kg	☼	10/06/25 10:00	10/10/25 05:21	1
1,1-Dichloroethane	0.0011	U	0.0011	0.00067	mg/Kg	☼	10/06/25 10:00	10/10/25 05:21	1
1,1-Dichloroethene	0.0011	U	0.0011	0.00025	mg/Kg	☼	10/06/25 10:00	10/10/25 05:21	1
1,2,3-Trichlorobenzene	0.0011	U	0.0011	0.00083	mg/Kg	☼	10/06/25 10:00	10/10/25 05:21	1
1,2,4-Trichlorobenzene	0.0011	U	0.0011	0.00040	mg/Kg	☼	10/06/25 10:00	10/10/25 05:21	1
1,2,4-Trimethylbenzene	0.0011	U	0.0011	0.00028	mg/Kg	☼	10/06/25 10:00	10/10/25 05:21	1
1,2-Dibromo-3-Chloropropane	0.0011	U	0.0011	0.00052	mg/Kg	☼	10/06/25 10:00	10/10/25 05:21	1
1,2-Dichlorobenzene	0.0011	U	0.0011	0.00041	mg/Kg	☼	10/06/25 10:00	10/10/25 05:21	1
1,2-Dichloroethane	0.0011	U	0.0011	0.00033	mg/Kg	☼	10/06/25 10:00	10/10/25 05:21	1
1,2-Dichloropropane	0.0011	U	0.0011	0.00047	mg/Kg	☼	10/06/25 10:00	10/10/25 05:21	1
1,3,5-Trimethylbenzene	0.0011	U	0.0011	0.00035	mg/Kg	☼	10/06/25 10:00	10/10/25 05:21	1
1,3-Dichlorobenzene	0.0011	U	0.0011	0.00041	mg/Kg	☼	10/06/25 10:00	10/10/25 05:21	1
1,4-Dichlorobenzene	0.0011	U	0.0011	0.00058	mg/Kg	☼	10/06/25 10:00	10/10/25 05:21	1
2-Butanone (MEK)	0.0056	U	0.0056	0.00041	mg/Kg	☼	10/06/25 10:00	10/10/25 05:21	1
2-Hexanone	0.0056	U	0.0056	0.0019	mg/Kg	☼	10/06/25 10:00	10/10/25 05:21	1
4-Methyl-2-pentanone (MIBK)	0.0056	U	0.0056	0.0017	mg/Kg	☼	10/06/25 10:00	10/10/25 05:21	1
Acetone	**0.094**		0.0067	0.0064	mg/Kg	☼	10/06/25 10:00	10/10/25 05:21	1
Benzene	0.0011	U	0.0011	0.00064	mg/Kg	☼	10/06/25 10:00	10/10/25 05:21	1
Bromoform	0.0011	U	0.0011	0.00048	mg/Kg	☼	10/06/25 10:00	10/10/25 05:21	1
Bromomethane	0.0022	U *	0.0022	0.0011	mg/Kg	☼	10/06/25 10:00	10/10/25 05:21	1

Client Sample ID: 1A2_3-4

Date Collected: 10/03/25 10:55
Date Received: 10/03/25 16:15

Lab Sample ID: 460-336467-36

Matrix: Solid
Percent Solids: 96.1

Method: SW846 8260D - Volatile Organic Compounds by GC/MS (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Carbon disulfide	0.0011	U	0.0011	0.00030	mg/Kg	☼	10/06/25 10:00	10/10/25 05:21	1
Carbon tetrachloride	0.0011	U	0.0011	0.00043	mg/Kg	☼	10/06/25 10:00	10/10/25 05:21	1
Chlorobenzene	0.0011	U	0.0011	0.00057	mg/Kg	☼	10/06/25 10:00	10/10/25 05:21	1
Chlorobromomethane	0.0011	U	0.0011	0.00067	mg/Kg	☼	10/06/25 10:00	10/10/25 05:21	1
Chlorodibromomethane	0.0011	U	0.0011	0.00060	mg/Kg	☼	10/06/25 10:00	10/10/25 05:21	1
Chloroethane	0.0011	U *	0.0011	0.00059	mg/Kg	☼	10/06/25 10:00	10/10/25 05:21	1
Chloroform	0.0011	U	0.0011	0.0011	mg/Kg	☼	10/06/25 10:00	10/10/25 05:21	1
Chloromethane	0.0011	U	0.0011	0.00049	mg/Kg	☼	10/06/25 10:00	10/10/25 05:21	1
cis-1,2-Dichloroethene	0.0011	U	0.0011	0.00040	mg/Kg	☼	10/06/25 10:00	10/10/25 05:21	1
cis-1,3-Dichloropropene	0.0011	U	0.0011	0.00031	mg/Kg	☼	10/06/25 10:00	10/10/25 05:21	1
Cyclohexane	0.0011	U	0.0011	0.00025	mg/Kg	☼	10/06/25 10:00	10/10/25 05:21	1
Dichlorobromomethane	0.0011	U	0.0011	0.00029	mg/Kg	☼	10/06/25 10:00	10/10/25 05:21	1
Dichlorodifluoromethane	0.0011	U	0.0011	0.00038	mg/Kg	☼	10/06/25 10:00	10/10/25 05:21	1
Ethylbenzene	0.0011	U	0.0011	0.00053	mg/Kg	☼	10/06/25 10:00	10/10/25 05:21	1
Ethylene Dibromide	0.0011	U	0.0011	0.00057	mg/Kg	☼	10/06/25 10:00	10/10/25 05:21	1
Isopropylbenzene	0.0011	U	0.0011	0.00032	mg/Kg	☼	10/06/25 10:00	10/10/25 05:21	1
Methyl acetate	0.0056	U	0.0056	0.0048	mg/Kg	☼	10/06/25 10:00	10/10/25 05:21	1
Methyl tert-butyl ether	0.0011	U	0.0011	0.00057	mg/Kg	☼	10/06/25 10:00	10/10/25 05:21	1
Methylcyclohexane	0.0011	U	0.0011	0.00056	mg/Kg	☼	10/06/25 10:00	10/10/25 05:21	1
Methylene Chloride	**0.0018**	**J**	0.0022	0.0013	mg/Kg	☼	10/06/25 10:00	10/10/25 05:21	1
m-Xylene & p-Xylene	0.0011	U	0.0011	0.00047	mg/Kg	☼	10/06/25 10:00	10/10/25 05:21	1
n-Butylbenzene	0.0011	U	0.0011	0.00033	mg/Kg	☼	10/06/25 10:00	10/10/25 05:21	1
N-Propylbenzene	0.0011	U	0.0011	0.00050	mg/Kg	☼	10/06/25 10:00	10/10/25 05:21	1
o-Xylene	0.0011	U	0.0011	0.00052	mg/Kg	☼	10/06/25 10:00	10/10/25 05:21	1
sec-Butylbenzene	0.0011	U	0.0011	0.00032	mg/Kg	☼	10/06/25 10:00	10/10/25 05:21	1
Styrene	0.0011	U	0.0011	0.00031	mg/Kg	☼	10/06/25 10:00	10/10/25 05:21	1
tert-Butylbenzene	0.0011	U	0.0011	0.00031	mg/Kg	☼	10/06/25 10:00	10/10/25 05:21	1
Tetrachloroethene	0.0011	U	0.0011	0.00034	mg/Kg	☼	10/06/25 10:00	10/10/25 05:21	1
Toluene	0.0011	U	0.0011	0.00026	mg/Kg	☼	10/06/25 10:00	10/10/25 05:21	1
trans-1,2-Dichloroethene	0.0011	U	0.0011	0.00028	mg/Kg	☼	10/06/25 10:00	10/10/25 05:21	1
trans-1,3-Dichloropropene	0.0011	U	0.0011	0.00030	mg/Kg	☼	10/06/25 10:00	10/10/25 05:21	1
Trichloroethene	0.0011	U	0.0011	0.00036	mg/Kg	☼	10/06/25 10:00	10/10/25 05:21	1
Trichlorofluoromethane	0.0011	U	0.0011	0.00046	mg/Kg	☼	10/06/25 10:00	10/10/25 05:21	1
Vinyl chloride	0.0011	U	0.0011	0.00061	mg/Kg	☼	10/06/25 10:00	10/10/25 05:21	1
Xylenes, Total	0.0022	U	0.0022	0.00020	mg/Kg	☼	10/06/25 10:00	10/10/25 05:21	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,2-Dichloroethane-d4 (Surr)	*92*		*65 - 138*	*10/06/25 10:00*	*10/10/25 05:21*	*1*
4-Bromofluorobenzene	*94*		*71 - 128*	*10/06/25 10:00*	*10/10/25 05:21*	*1*
Dibromofluoromethane (Surr)	*98*		*50 - 150*	*10/06/25 10:00*	*10/10/25 05:21*	*1*
Toluene-d8 (Surr)	*100*		*71 - 126*	*10/06/25 10:00*	*10/10/25 05:21*	*1*

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Percent Moisture (EPA Moisture)	**3.9**		1.0	1.0	%			10/09/25 15:54	1
Percent Solids (EPA Moisture)	**96.1**		1.0	1.0	%			10/09/25 15:54	1

Client Sample ID: 1A3_4-5
Date Collected: 10/03/25 11:00
Date Received: 10/03/25 16:15

Lab Sample ID: 460-336467-37
Matrix: Solid
Percent Solids: 97.6

Method: SW846 8260D - Volatile Organic Compounds by GC/MS

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1-Trichloroethane	0.0013	U	0.0013	0.00030	mg/Kg	☼	10/06/25 10:00	10/08/25 06:18	1
1,1,2,2-Tetrachloroethane	0.0013	U	0.0013	0.00068	mg/Kg	☼	10/06/25 10:00	10/08/25 06:18	1
1,1,2-Trichloro-1,2,2-trifluoroethane	0.0013	U	0.0013	0.00039	mg/Kg	☼	10/06/25 10:00	10/08/25 06:18	1
1,1,2-Trichloroethane	0.0013	U	0.0013	0.00078	mg/Kg	☼	10/06/25 10:00	10/08/25 06:18	1
1,1-Dichloroethane	0.0013	U	0.0013	0.00078	mg/Kg	☼	10/06/25 10:00	10/08/25 06:18	1
1,1-Dichloroethene	0.0013	U	0.0013	0.00029	mg/Kg	☼	10/06/25 10:00	10/08/25 06:18	1
1,2,3-Trichlorobenzene	0.0013	U	0.0013	0.00096	mg/Kg	☼	10/06/25 10:00	10/08/25 06:18	1
1,2,4-Trichlorobenzene	0.0013	U	0.0013	0.00047	mg/Kg	☼	10/06/25 10:00	10/08/25 06:18	1
1,2,4-Trimethylbenzene	0.0013	U	0.0013	0.00032	mg/Kg	☼	10/06/25 10:00	10/08/25 06:18	1
1,2-Dibromo-3-Chloropropane	0.0013	U	0.0013	0.00060	mg/Kg	☼	10/06/25 10:00	10/08/25 06:18	1
1,2-Dichlorobenzene	0.0013	U	0.0013	0.00047	mg/Kg	☼	10/06/25 10:00	10/08/25 06:18	1
1,2-Dichloroethane	0.0013	U	0.0013	0.00038	mg/Kg	☼	10/06/25 10:00	10/08/25 06:18	1
1,2-Dichloropropane	0.0013	U	0.0013	0.00055	mg/Kg	☼	10/06/25 10:00	10/08/25 06:18	1
1,3,5-Trimethylbenzene	0.0013	U	0.0013	0.00041	mg/Kg	☼	10/06/25 10:00	10/08/25 06:18	1
1,3-Dichlorobenzene	0.0013	U	0.0013	0.00047	mg/Kg	☼	10/06/25 10:00	10/08/25 06:18	1
1,4-Dichlorobenzene	0.0013	U	0.0013	0.00067	mg/Kg	☼	10/06/25 10:00	10/08/25 06:18	1
2-Butanone (MEK)	0.0065	U	0.0065	0.00048	mg/Kg	☼	10/06/25 10:00	10/08/25 06:18	1
2-Hexanone	0.0065	U	0.0065	0.0022	mg/Kg	☼	10/06/25 10:00	10/08/25 06:18	1
4-Methyl-2-pentanone (MIBK)	0.0065	U	0.0065	0.0020	mg/Kg	☼	10/06/25 10:00	10/08/25 06:18	1
Acetone	0.0078	U	0.0078	0.0074	mg/Kg	☼	10/06/25 10:00	10/08/25 06:18	1
Benzene	0.0013	U	0.0013	0.00074	mg/Kg	☼	10/06/25 10:00	10/08/25 06:18	1
Bromoform	0.0013	U	0.0013	0.00055	mg/Kg	☼	10/06/25 10:00	10/08/25 06:18	1
Bromomethane	0.0026	U *	0.0026	0.0013	mg/Kg	☼	10/06/25 10:00	10/08/25 06:18	1
Carbon disulfide	0.0013	U	0.0013	0.00035	mg/Kg	☼	10/06/25 10:00	10/08/25 06:18	1
Carbon tetrachloride	0.0013	U	0.0013	0.00050	mg/Kg	☼	10/06/25 10:00	10/08/25 06:18	1
Chlorobenzene	0.0013	U	0.0013	0.00066	mg/Kg	☼	10/06/25 10:00	10/08/25 06:18	1
Chlorobromomethane	0.0013	U	0.0013	0.00077	mg/Kg	☼	10/06/25 10:00	10/08/25 06:18	1
Chlorodibromomethane	0.0013	U	0.0013	0.00070	mg/Kg	☼	10/06/25 10:00	10/08/25 06:18	1
Chloroethane	0.0013	U	0.0013	0.00068	mg/Kg	☼	10/06/25 10:00	10/08/25 06:18	1
Chloroform	0.0013	U	0.0013	0.0013	mg/Kg	☼	10/06/25 10:00	10/08/25 06:18	1
Chloromethane	0.0013	U	0.0013	0.00057	mg/Kg	☼	10/06/25 10:00	10/08/25 06:18	1
cis-1,2-Dichloroethene	0.0013	U	0.0013	0.00047	mg/Kg	☼	10/06/25 10:00	10/08/25 06:18	1
cis-1,3-Dichloropropene	0.0013	U	0.0013	0.00035	mg/Kg	☼	10/06/25 10:00	10/08/25 06:18	1
Cyclohexane	0.0013	U	0.0013	0.00029	mg/Kg	☼	10/06/25 10:00	10/08/25 06:18	1
Dichlorobromomethane	0.0013	U	0.0013	0.00033	mg/Kg	☼	10/06/25 10:00	10/08/25 06:18	1
Dichlorodifluoromethane	0.0013	U	0.0013	0.00044	mg/Kg	☼	10/06/25 10:00	10/08/25 06:18	1
Ethylbenzene	0.0013	U	0.0013	0.00061	mg/Kg	☼	10/06/25 10:00	10/08/25 06:18	1
Ethylene Dibromide	0.0013	U	0.0013	0.00065	mg/Kg	☼	10/06/25 10:00	10/08/25 06:18	1
Isopropylbenzene	0.0013	U	0.0013	0.00037	mg/Kg	☼	10/06/25 10:00	10/08/25 06:18	1
Methyl acetate	0.0065	U	0.0065	0.0056	mg/Kg	☼	10/06/25 10:00	10/08/25 06:18	1
Methyl tert-butyl ether	0.0013	U	0.0013	0.00067	mg/Kg	☼	10/06/25 10:00	10/08/25 06:18	1
Methylcyclohexane	0.0013	U	0.0013	0.00065	mg/Kg	☼	10/06/25 10:00	10/08/25 06:18	1
Methylene Chloride	0.0026	U	0.0026	0.0015	mg/Kg	☼	10/06/25 10:00	10/08/25 06:18	1
m-Xylene & p-Xylene	0.0013	U	0.0013	0.00055	mg/Kg	☼	10/06/25 10:00	10/08/25 06:18	1
n-Butylbenzene	0.0013	U	0.0013	0.00038	mg/Kg	☼	10/06/25 10:00	10/08/25 06:18	1
N-Propylbenzene	0.0013	U	0.0013	0.00058	mg/Kg	☼	10/06/25 10:00	10/08/25 06:18	1
o-Xylene	0.0013	U	0.0013	0.00060	mg/Kg	☼	10/06/25 10:00	10/08/25 06:18	1
sec-Butylbenzene	0.0013	U	0.0013	0.00037	mg/Kg	☼	10/06/25 10:00	10/08/25 06:18	1
Styrene	0.0013	U	0.0013	0.00036	mg/Kg	☼	10/06/25 10:00	10/08/25 06:18	1

Client Sample ID: 1A3_4-5

Date Collected: 10/03/25 11:00
Date Received: 10/03/25 16:15

Lab Sample ID: 460-336467-37
Matrix: Solid
Percent Solids: 97.6

Method: SW846 8260D - Volatile Organic Compounds by GC/MS (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
tert-Butylbenzene	0.0013	U	0.0013	0.00036	mg/Kg	☼	10/06/25 10:00	10/08/25 06:18	1
Tetrachloroethene	0.0013	U	0.0013	0.00040	mg/Kg	☼	10/06/25 10:00	10/08/25 06:18	1
Toluene	0.0013	U	0.0013	0.00030	mg/Kg	☼	10/06/25 10:00	10/08/25 06:18	1
trans-1,2-Dichloroethene	0.0013	U	0.0013	0.00032	mg/Kg	☼	10/06/25 10:00	10/08/25 06:18	1
trans-1,3-Dichloropropene	0.0013	U	0.0013	0.00035	mg/Kg	☼	10/06/25 10:00	10/08/25 06:18	1
Trichloroethene	0.0013	U	0.0013	0.00042	mg/Kg	☼	10/06/25 10:00	10/08/25 06:18	1
Trichlorofluoromethane	0.0013	U	0.0013	0.00053	mg/Kg	☼	10/06/25 10:00	10/08/25 06:18	1
Vinyl chloride	0.0013	U	0.0013	0.00071	mg/Kg	☼	10/06/25 10:00	10/08/25 06:18	1
Xylenes, Total	0.0026	U	0.0026	0.00023	mg/Kg	☼	10/06/25 10:00	10/08/25 06:18	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,2-Dichloroethane-d4 (Surr)	*96*		*65 - 138*	*10/06/25 10:00*	*10/08/25 06:18*	*1*
4-Bromofluorobenzene	*96*		*71 - 128*	*10/06/25 10:00*	*10/08/25 06:18*	*1*
Dibromofluoromethane (Surr)	*97*		*50 - 150*	*10/06/25 10:00*	*10/08/25 06:18*	*1*
Toluene-d8 (Surr)	*101*		*71 - 126*	*10/06/25 10:00*	*10/08/25 06:18*	*1*

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Percent Moisture (EPA Moisture)	**2.4**		1.0	1.0	%			10/09/25 15:54	1
Percent Solids (EPA Moisture)	**97.6**		1.0	1.0	%			10/09/25 15:54	1

Client Sample ID: 1A1_6-7

Date Collected: 10/03/25 11:05
Date Received: 10/03/25 16:15

Lab Sample ID: 460-336467-38
Matrix: Solid
Percent Solids: 98.3

Method: SW846 8260D - Volatile Organic Compounds by GC/MS

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1-Trichloroethane	0.0011	U	0.0011	0.00024	mg/Kg	☼	10/06/25 10:00	10/08/25 06:42	1
1,1,2,2-Tetrachloroethane	0.0011	U	0.0011	0.00055	mg/Kg	☼	10/06/25 10:00	10/08/25 06:42	1
1,1,2-Trichloro-1,2,2-trifluoroethane	0.0011	U	0.0011	0.00032	mg/Kg	☼	10/06/25 10:00	10/08/25 06:42	1
1,1,2-Trichloroethane	0.0011	U	0.0011	0.00063	mg/Kg	☼	10/06/25 10:00	10/08/25 06:42	1
1,1-Dichloroethane	0.0011	U	0.0011	0.00063	mg/Kg	☼	10/06/25 10:00	10/08/25 06:42	1
1,1-Dichloroethene	0.0011	U	0.0011	0.00024	mg/Kg	☼	10/06/25 10:00	10/08/25 06:42	1
1,2,3-Trichlorobenzene	0.0011	U	0.0011	0.00078	mg/Kg	☼	10/06/25 10:00	10/08/25 06:42	1
1,2,4-Trichlorobenzene	0.0011	U	0.0011	0.00038	mg/Kg	☼	10/06/25 10:00	10/08/25 06:42	1
1,2,4-Trimethylbenzene	0.0011	U	0.0011	0.00026	mg/Kg	☼	10/06/25 10:00	10/08/25 06:42	1
1,2-Dibromo-3-Chloropropane	0.0011	U	0.0011	0.00048	mg/Kg	☼	10/06/25 10:00	10/08/25 06:42	1
1,2-Dichlorobenzene	0.0011	U	0.0011	0.00038	mg/Kg	☼	10/06/25 10:00	10/08/25 06:42	1
1,2-Dichloroethane	0.0011	U	0.0011	0.00031	mg/Kg	☼	10/06/25 10:00	10/08/25 06:42	1
1,2-Dichloropropane	0.0011	U	0.0011	0.00044	mg/Kg	☼	10/06/25 10:00	10/08/25 06:42	1
1,3,5-Trimethylbenzene	0.0011	U	0.0011	0.00033	mg/Kg	☼	10/06/25 10:00	10/08/25 06:42	1
1,3-Dichlorobenzene	0.0011	U	0.0011	0.00038	mg/Kg	☼	10/06/25 10:00	10/08/25 06:42	1
1,4-Dichlorobenzene	0.0011	U	0.0011	0.00055	mg/Kg	☼	10/06/25 10:00	10/08/25 06:42	1
2-Butanone (MEK)	0.0053	U	0.0053	0.00039	mg/Kg	☼	10/06/25 10:00	10/08/25 06:42	1
2-Hexanone	0.0053	U	0.0053	0.0018	mg/Kg	☼	10/06/25 10:00	10/08/25 06:42	1
4-Methyl-2-pentanone (MIBK)	0.0053	U	0.0053	0.0016	mg/Kg	☼	10/06/25 10:00	10/08/25 06:42	1
Acetone	**0.048**		0.0063	0.0060	mg/Kg	☼	10/06/25 10:00	10/08/25 06:42	1
Benzene	0.0011	U	0.0011	0.00060	mg/Kg	☼	10/06/25 10:00	10/08/25 06:42	1
Bromoform	0.0011	U	0.0011	0.00045	mg/Kg	☼	10/06/25 10:00	10/08/25 06:42	1
Bromomethane	0.0021	U *	0.0021	0.0011	mg/Kg	☼	10/06/25 10:00	10/08/25 06:42	1

Client Sample ID: 1A1_6-7
Date Collected: 10/03/25 11:05
Date Received: 10/03/25 16:15

Lab Sample ID: 460-336467-38
Matrix: Solid
Percent Solids: 98.3

Method: SW846 8260D - Volatile Organic Compounds by GC/MS (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Carbon disulfide	0.0011	U	0.0011	0.00028	mg/Kg	☼	10/06/25 10:00	10/08/25 06:42	1
Carbon tetrachloride	0.0011	U	0.0011	0.00041	mg/Kg	☼	10/06/25 10:00	10/08/25 06:42	1
Chlorobenzene	0.0011	U	0.0011	0.00053	mg/Kg	☼	10/06/25 10:00	10/08/25 06:42	1
Chlorobromomethane	0.0011	U	0.0011	0.00063	mg/Kg	☼	10/06/25 10:00	10/08/25 06:42	1
Chlorodibromomethane	0.0011	U	0.0011	0.00056	mg/Kg	☼	10/06/25 10:00	10/08/25 06:42	1
Chloroethane	0.0011	U	0.0011	0.00055	mg/Kg	☼	10/06/25 10:00	10/08/25 06:42	1
Chloroform	0.0011	U	0.0011	0.0010	mg/Kg	☼	10/06/25 10:00	10/08/25 06:42	1
Chloromethane	0.0011	U	0.0011	0.00046	mg/Kg	☼	10/06/25 10:00	10/08/25 06:42	1
cis-1,2-Dichloroethene	0.0011	U	0.0011	0.00038	mg/Kg	☼	10/06/25 10:00	10/08/25 06:42	1
cis-1,3-Dichloropropene	0.0011	U	0.0011	0.00029	mg/Kg	☼	10/06/25 10:00	10/08/25 06:42	1
Cyclohexane	0.0011	U	0.0011	0.00023	mg/Kg	☼	10/06/25 10:00	10/08/25 06:42	1
Dichlorobromomethane	0.0011	U	0.0011	0.00027	mg/Kg	☼	10/06/25 10:00	10/08/25 06:42	1
Dichlorodifluoromethane	0.0011	U	0.0011	0.00036	mg/Kg	☼	10/06/25 10:00	10/08/25 06:42	1
Ethylbenzene	0.0011	U	0.0011	0.00049	mg/Kg	☼	10/06/25 10:00	10/08/25 06:42	1
Ethylene Dibromide	0.0011	U	0.0011	0.00053	mg/Kg	☼	10/06/25 10:00	10/08/25 06:42	1
Isopropylbenzene	0.0011	U	0.0011	0.00030	mg/Kg	☼	10/06/25 10:00	10/08/25 06:42	1
Methyl acetate	0.0053	U	0.0053	0.0045	mg/Kg	☼	10/06/25 10:00	10/08/25 06:42	1
Methyl tert-butyl ether	0.0011	U	0.0011	0.00054	mg/Kg	☼	10/06/25 10:00	10/08/25 06:42	1
Methylcyclohexane	0.0011	U	0.0011	0.00052	mg/Kg	☼	10/06/25 10:00	10/08/25 06:42	1
Methylene Chloride	0.0021	U	0.0021	0.0012	mg/Kg	☼	10/06/25 10:00	10/08/25 06:42	1
m-Xylene & p-Xylene	0.0011	U	0.0011	0.00044	mg/Kg	☼	10/06/25 10:00	10/08/25 06:42	1
n-Butylbenzene	0.0011	U	0.0011	0.00031	mg/Kg	☼	10/06/25 10:00	10/08/25 06:42	1
N-Propylbenzene	0.0011	U	0.0011	0.00047	mg/Kg	☼	10/06/25 10:00	10/08/25 06:42	1
o-Xylene	0.0011	U	0.0011	0.00048	mg/Kg	☼	10/06/25 10:00	10/08/25 06:42	1
sec-Butylbenzene	0.0011	U	0.0011	0.00030	mg/Kg	☼	10/06/25 10:00	10/08/25 06:42	1
Styrene	0.0011	U	0.0011	0.00029	mg/Kg	☼	10/06/25 10:00	10/08/25 06:42	1
tert-Butylbenzene	0.0011	U	0.0011	0.00029	mg/Kg	☼	10/06/25 10:00	10/08/25 06:42	1
Tetrachloroethene	0.0011	U	0.0011	0.00032	mg/Kg	☼	10/06/25 10:00	10/08/25 06:42	1
Toluene	0.0011	U	0.0011	0.00025	mg/Kg	☼	10/06/25 10:00	10/08/25 06:42	1
trans-1,2-Dichloroethene	0.0011	U	0.0011	0.00026	mg/Kg	☼	10/06/25 10:00	10/08/25 06:42	1
trans-1,3-Dichloropropene	0.0011	U	0.0011	0.00028	mg/Kg	☼	10/06/25 10:00	10/08/25 06:42	1
Trichloroethene	0.0011	U	0.0011	0.00034	mg/Kg	☼	10/06/25 10:00	10/08/25 06:42	1
Trichlorofluoromethane	0.0011	U	0.0011	0.00043	mg/Kg	☼	10/06/25 10:00	10/08/25 06:42	1
Vinyl chloride	0.0011	U	0.0011	0.00057	mg/Kg	☼	10/06/25 10:00	10/08/25 06:42	1
Xylenes, Total	0.0021	U	0.0021	0.00018	mg/Kg	☼	10/06/25 10:00	10/08/25 06:42	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,2-Dichloroethane-d4 (Surr)	*97*		*65 - 138*	*10/06/25 10:00*	*10/08/25 06:42*	*1*
4-Bromofluorobenzene	*97*		*71 - 128*	*10/06/25 10:00*	*10/08/25 06:42*	*1*
Dibromofluoromethane (Surr)	*99*		*50 - 150*	*10/06/25 10:00*	*10/08/25 06:42*	*1*
Toluene-d8 (Surr)	*101*		*71 - 126*	*10/06/25 10:00*	*10/08/25 06:42*	*1*

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Percent Moisture (EPA Moisture)	**1.7**		1.0	1.0	%			10/09/25 15:54	1
Percent Solids (EPA Moisture)	**98.3**		1.0	1.0	%			10/09/25 15:54	1

Client Sample ID: 1A2_8-9
Date Collected: 10/03/25 11:10
Date Received: 10/03/25 16:15

Lab Sample ID: 460-336467-39
Matrix: Solid
Percent Solids: 95.5

Method: SW846 8260D - Volatile Organic Compounds by GC/MS

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1-Trichloroethane	0.0012	U	0.0012	0.00027	mg/Kg	☼	10/06/25 10:01	10/08/25 07:07	1
1,1,2,2-Tetrachloroethane	0.0012	U	0.0012	0.00061	mg/Kg	☼	10/06/25 10:01	10/08/25 07:07	1
1,1,2-Trichloro-1,2,2-trifluoroethane	0.0012	U	0.0012	0.00035	mg/Kg	☼	10/06/25 10:01	10/08/25 07:07	1
1,1,2-Trichloroethane	0.0012	U	0.0012	0.00070	mg/Kg	☼	10/06/25 10:01	10/08/25 07:07	1
1,1-Dichloroethane	0.0012	U	0.0012	0.00070	mg/Kg	☼	10/06/25 10:01	10/08/25 07:07	1
1,1-Dichloroethene	0.0012	U	0.0012	0.00026	mg/Kg	☼	10/06/25 10:01	10/08/25 07:07	1
1,2,3-Trichlorobenzene	0.0012	U	0.0012	0.00086	mg/Kg	☼	10/06/25 10:01	10/08/25 07:07	1
1,2,4-Trichlorobenzene	0.0012	U	0.0012	0.00042	mg/Kg	☼	10/06/25 10:01	10/08/25 07:07	1
1,2,4-Trimethylbenzene	0.0012	U	0.0012	0.00029	mg/Kg	☼	10/06/25 10:01	10/08/25 07:07	1
1,2-Dibromo-3-Chloropropane	0.0012	U	0.0012	0.00054	mg/Kg	☼	10/06/25 10:01	10/08/25 07:07	1
1,2-Dichlorobenzene	0.0012	U	0.0012	0.00042	mg/Kg	☼	10/06/25 10:01	10/08/25 07:07	1
1,2-Dichloroethane	0.0012	U	0.0012	0.00035	mg/Kg	☼	10/06/25 10:01	10/08/25 07:07	1
1,2-Dichloropropane	0.0012	U	0.0012	0.00049	mg/Kg	☼	10/06/25 10:01	10/08/25 07:07	1
1,3,5-Trimethylbenzene	0.0012	U	0.0012	0.00037	mg/Kg	☼	10/06/25 10:01	10/08/25 07:07	1
1,3-Dichlorobenzene	0.0012	U	0.0012	0.00043	mg/Kg	☼	10/06/25 10:01	10/08/25 07:07	1
1,4-Dichlorobenzene	0.0012	U	0.0012	0.00061	mg/Kg	☼	10/06/25 10:01	10/08/25 07:07	1
2-Butanone (MEK)	0.0058	U	0.0058	0.00043	mg/Kg	☼	10/06/25 10:01	10/08/25 07:07	1
2-Hexanone	0.0058	U	0.0058	0.0020	mg/Kg	☼	10/06/25 10:01	10/08/25 07:07	1
4-Methyl-2-pentanone (MIBK)	0.0058	U	0.0058	0.0018	mg/Kg	☼	10/06/25 10:01	10/08/25 07:07	1
Acetone	**0.13**		0.0070	0.0067	mg/Kg	☼	10/06/25 10:01	10/08/25 07:07	1
Benzene	0.0012	U	0.0012	0.00066	mg/Kg	☼	10/06/25 10:01	10/08/25 07:07	1
Bromoform	0.0012	U	0.0012	0.00050	mg/Kg	☼	10/06/25 10:01	10/08/25 07:07	1
Bromomethane	0.0023	U *	0.0023	0.0012	mg/Kg	☼	10/06/25 10:01	10/08/25 07:07	1
Carbon disulfide	0.0012	U	0.0012	0.00031	mg/Kg	☼	10/06/25 10:01	10/08/25 07:07	1
Carbon tetrachloride	0.0012	U	0.0012	0.00045	mg/Kg	☼	10/06/25 10:01	10/08/25 07:07	1
Chlorobenzene	0.0012	U	0.0012	0.00059	mg/Kg	☼	10/06/25 10:01	10/08/25 07:07	1
Chlorobromomethane	0.0012	U	0.0012	0.00070	mg/Kg	☼	10/06/25 10:01	10/08/25 07:07	1
Chlorodibromomethane	0.0012	U	0.0012	0.00063	mg/Kg	☼	10/06/25 10:01	10/08/25 07:07	1
Chloroethane	0.0012	U	0.0012	0.00061	mg/Kg	☼	10/06/25 10:01	10/08/25 07:07	1
Chloroform	0.0012	U	0.0012	0.0011	mg/Kg	☼	10/06/25 10:01	10/08/25 07:07	1
Chloromethane	0.0012	U	0.0012	0.00051	mg/Kg	☼	10/06/25 10:01	10/08/25 07:07	1
cis-1,2-Dichloroethene	0.0012	U	0.0012	0.00042	mg/Kg	☼	10/06/25 10:01	10/08/25 07:07	1
cis-1,3-Dichloropropene	0.0012	U	0.0012	0.00032	mg/Kg	☼	10/06/25 10:01	10/08/25 07:07	1
Cyclohexane	0.0012	U	0.0012	0.00026	mg/Kg	☼	10/06/25 10:01	10/08/25 07:07	1
Dichlorobromomethane	0.0012	U	0.0012	0.00030	mg/Kg	☼	10/06/25 10:01	10/08/25 07:07	1
Dichlorodifluoromethane	0.0012	U	0.0012	0.00040	mg/Kg	☼	10/06/25 10:01	10/08/25 07:07	1
Ethylbenzene	0.0012	U	0.0012	0.00055	mg/Kg	☼	10/06/25 10:01	10/08/25 07:07	1
Ethylene Dibromide	0.0012	U	0.0012	0.00059	mg/Kg	☼	10/06/25 10:01	10/08/25 07:07	1
Isopropylbenzene	0.0012	U	0.0012	0.00033	mg/Kg	☼	10/06/25 10:01	10/08/25 07:07	1
Methyl acetate	0.0058	U	0.0058	0.0050	mg/Kg	☼	10/06/25 10:01	10/08/25 07:07	1
Methyl tert-butyl ether	0.0012	U	0.0012	0.00060	mg/Kg	☼	10/06/25 10:01	10/08/25 07:07	1
Methylcyclohexane	0.0012	U	0.0012	0.00058	mg/Kg	☼	10/06/25 10:01	10/08/25 07:07	1
Methylene Chloride	0.0023	U	0.0023	0.0013	mg/Kg	☼	10/06/25 10:01	10/08/25 07:07	1
m-Xylene & p-Xylene	0.0012	U	0.0012	0.00049	mg/Kg	☼	10/06/25 10:01	10/08/25 07:07	1
n-Butylbenzene	0.0012	U	0.0012	0.00034	mg/Kg	☼	10/06/25 10:01	10/08/25 07:07	1
N-Propylbenzene	0.0012	U	0.0012	0.00053	mg/Kg	☼	10/06/25 10:01	10/08/25 07:07	1
o-Xylene	0.0012	U	0.0012	0.00054	mg/Kg	☼	10/06/25 10:01	10/08/25 07:07	1
sec-Butylbenzene	0.0012	U	0.0012	0.00034	mg/Kg	☼	10/06/25 10:01	10/08/25 07:07	1
Styrene	0.0012	U	0.0012	0.00033	mg/Kg	☼	10/06/25 10:01	10/08/25 07:07	1

Client Sample ID: 1A2_8-9

Lab Sample ID: 460-336467-39
Date Collected: 10/03/25 11:10
Matrix: Solid
Date Received: 10/03/25 16:15
Percent Solids: 95.5

Method: SW846 8260D - Volatile Organic Compounds by GC/MS (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
tert-Butylbenzene	0.0012	U	0.0012	0.00032	mg/Kg	☼	10/06/25 10:01	10/08/25 07:07	1
Tetrachloroethene	0.0012	U	0.0012	0.00036	mg/Kg	☼	10/06/25 10:01	10/08/25 07:07	1
Toluene	0.0012	U	0.0012	0.00027	mg/Kg	☼	10/06/25 10:01	10/08/25 07:07	1
trans-1,2-Dichloroethene	0.0012	U	0.0012	0.00029	mg/Kg	☼	10/06/25 10:01	10/08/25 07:07	1
trans-1,3-Dichloropropene	0.0012	U	0.0012	0.00031	mg/Kg	☼	10/06/25 10:01	10/08/25 07:07	1
Trichloroethene	0.0012	U	0.0012	0.00038	mg/Kg	☼	10/06/25 10:01	10/08/25 07:07	1
Trichlorofluoromethane	0.0012	U	0.0012	0.00047	mg/Kg	☼	10/06/25 10:01	10/08/25 07:07	1
Vinyl chloride	0.0012	U	0.0012	0.00064	mg/Kg	☼	10/06/25 10:01	10/08/25 07:07	1
Xylenes, Total	0.0023	U	0.0023	0.00020	mg/Kg	☼	10/06/25 10:01	10/08/25 07:07	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,2-Dichloroethane-d4 (Surr)	*98*		*65 - 138*	*10/06/25 10:01*	*10/08/25 07:07*	*1*
4-Bromofluorobenzene	*100*		*71 - 128*	*10/06/25 10:01*	*10/08/25 07:07*	*1*
Dibromofluoromethane (Surr)	*99*		*50 - 150*	*10/06/25 10:01*	*10/08/25 07:07*	*1*
Toluene-d8 (Surr)	*103*		*71 - 126*	*10/06/25 10:01*	*10/08/25 07:07*	*1*

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Percent Moisture (EPA Moisture)	**4.5**		1.0	1.0	%			10/09/25 15:54	1
Percent Solids (EPA Moisture)	**95.5**		1.0	1.0	%			10/09/25 15:54	1

Client Sample ID: 1A3_10-11

Lab Sample ID: 460-336467-40
Date Collected: 10/03/25 11:15
Matrix: Solid
Date Received: 10/03/25 16:15
Percent Solids: 98.6

Method: SW846 8260D - Volatile Organic Compounds by GC/MS

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1-Trichloroethane	0.00095	U	0.00095	0.00022	mg/Kg	☼	10/06/25 10:01	10/08/25 15:36	1
1,1,2,2-Tetrachloroethane	0.00095	U	0.00095	0.00050	mg/Kg	☼	10/06/25 10:01	10/08/25 15:36	1
1,1,2-Trichloro-1,2,2-trifluoroethane	0.00095	U	0.00095	0.00029	mg/Kg	☼	10/06/25 10:01	10/08/25 15:36	1
1,1,2-Trichloroethane	0.00095	U	0.00095	0.00057	mg/Kg	☼	10/06/25 10:01	10/08/25 15:36	1
1,1-Dichloroethane	0.00095	U	0.00095	0.00057	mg/Kg	☼	10/06/25 10:01	10/08/25 15:36	1
1,1-Dichloroethene	0.00095	U	0.00095	0.00021	mg/Kg	☼	10/06/25 10:01	10/08/25 15:36	1
1,2,3-Trichlorobenzene	0.00095	U	0.00095	0.00070	mg/Kg	☼	10/06/25 10:01	10/08/25 15:36	1
1,2,4-Trichlorobenzene	0.00095	U	0.00095	0.00034	mg/Kg	☼	10/06/25 10:01	10/08/25 15:36	1
1,2,4-Trimethylbenzene	0.00095	U	0.00095	0.00023	mg/Kg	☼	10/06/25 10:01	10/08/25 15:36	1
1,2-Dibromo-3-Chloropropane	0.00095	U	0.00095	0.00044	mg/Kg	☼	10/06/25 10:01	10/08/25 15:36	1
1,2-Dichlorobenzene	0.00095	U	0.00095	0.00034	mg/Kg	☼	10/06/25 10:01	10/08/25 15:36	1
1,2-Dichloroethane	0.00095	U	0.00095	0.00028	mg/Kg	☼	10/06/25 10:01	10/08/25 15:36	1
1,2-Dichloropropane	0.00095	U	0.00095	0.00040	mg/Kg	☼	10/06/25 10:01	10/08/25 15:36	1
1,3,5-Trimethylbenzene	0.00095	U	0.00095	0.00030	mg/Kg	☼	10/06/25 10:01	10/08/25 15:36	1
1,3-Dichlorobenzene	0.00095	U	0.00095	0.00035	mg/Kg	☼	10/06/25 10:01	10/08/25 15:36	1
1,4-Dichlorobenzene	0.00095	U	0.00095	0.00049	mg/Kg	☼	10/06/25 10:01	10/08/25 15:36	1
2-Butanone (MEK)	0.0048	U	0.0048	0.00035	mg/Kg	☼	10/06/25 10:01	10/08/25 15:36	1
2-Hexanone	0.0048	U	0.0048	0.0016	mg/Kg	☼	10/06/25 10:01	10/08/25 15:36	1
4-Methyl-2-pentanone (MIBK)	0.0048	U	0.0048	0.0015	mg/Kg	☼	10/06/25 10:01	10/08/25 15:36	1
Acetone	**0.20**		0.0057	0.0054	mg/Kg	☼	10/06/25 10:01	10/08/25 15:36	1
Benzene	0.00095	U	0.00095	0.00054	mg/Kg	☼	10/06/25 10:01	10/08/25 15:36	1
Bromoform	0.00095	U	0.00095	0.00040	mg/Kg	☼	10/06/25 10:01	10/08/25 15:36	1
Bromomethane	0.0019	U *	0.0019	0.00095	mg/Kg	☼	10/06/25 10:01	10/08/25 15:36	1

Client Sample ID: 1A3_10-11
Date Collected: 10/03/25 11:15
Date Received: 10/03/25 16:15

Lab Sample ID: 460-336467-40
Matrix: Solid
Percent Solids: 98.6

Method: SW846 8260D - Volatile Organic Compounds by GC/MS (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Carbon disulfide	0.00095	U	0.00095	0.00025	mg/Kg	☼	10/06/25 10:01	10/08/25 15:36	1
Carbon tetrachloride	0.00095	U	0.00095	0.00037	mg/Kg	☼	10/06/25 10:01	10/08/25 15:36	1
Chlorobenzene	0.00095	U	0.00095	0.00048	mg/Kg	☼	10/06/25 10:01	10/08/25 15:36	1
Chlorobromomethane	0.00095	U	0.00095	0.00057	mg/Kg	☼	10/06/25 10:01	10/08/25 15:36	1
Chlorodibromomethane	0.00095	U	0.00095	0.00051	mg/Kg	☼	10/06/25 10:01	10/08/25 15:36	1
Chloroethane	0.00095	U	0.00095	0.00050	mg/Kg	☼	10/06/25 10:01	10/08/25 15:36	1
Chloroform	0.00095	U	0.00095	0.00092	mg/Kg	☼	10/06/25 10:01	10/08/25 15:36	1
Chloromethane	0.00095	U	0.00095	0.00041	mg/Kg	☼	10/06/25 10:01	10/08/25 15:36	1
cis-1,2-Dichloroethene	0.00095	U	0.00095	0.00034	mg/Kg	☼	10/06/25 10:01	10/08/25 15:36	1
cis-1,3-Dichloropropene	0.00095	U	0.00095	0.00026	mg/Kg	☼	10/06/25 10:01	10/08/25 15:36	1
Cyclohexane	0.00095	U	0.00095	0.00021	mg/Kg	☼	10/06/25 10:01	10/08/25 15:36	1
Dichlorobromomethane	0.00095	U	0.00095	0.00024	mg/Kg	☼	10/06/25 10:01	10/08/25 15:36	1
Dichlorodifluoromethane	0.00095	U	0.00095	0.00032	mg/Kg	☼	10/06/25 10:01	10/08/25 15:36	1
Ethylbenzene	0.00095	U	0.00095	0.00045	mg/Kg	☼	10/06/25 10:01	10/08/25 15:36	1
Ethylene Dibromide	0.00095	U	0.00095	0.00048	mg/Kg	☼	10/06/25 10:01	10/08/25 15:36	1
Isopropylbenzene	0.00095	U	0.00095	0.00027	mg/Kg	☼	10/06/25 10:01	10/08/25 15:36	1
Methyl acetate	0.0048	U	0.0048	0.0041	mg/Kg	☼	10/06/25 10:01	10/08/25 15:36	1
Methyl tert-butyl ether	0.00095	U	0.00095	0.00049	mg/Kg	☼	10/06/25 10:01	10/08/25 15:36	1
Methylcyclohexane	0.00095	U	0.00095	0.00048	mg/Kg	☼	10/06/25 10:01	10/08/25 15:36	1
Methylene Chloride	0.0019	U	0.0019	0.0011	mg/Kg	☼	10/06/25 10:01	10/08/25 15:36	1
m-Xylene & p-Xylene	0.00095	U	0.00095	0.00040	mg/Kg	☼	10/06/25 10:01	10/08/25 15:36	1
n-Butylbenzene	0.00095	U	0.00095	0.00028	mg/Kg	☼	10/06/25 10:01	10/08/25 15:36	1
N-Propylbenzene	0.00095	U	0.00095	0.00043	mg/Kg	☼	10/06/25 10:01	10/08/25 15:36	1
o-Xylene	0.00095	U	0.00095	0.00044	mg/Kg	☼	10/06/25 10:01	10/08/25 15:36	1
sec-Butylbenzene	0.00095	U	0.00095	0.00027	mg/Kg	☼	10/06/25 10:01	10/08/25 15:36	1
Styrene	0.00095	U	0.00095	0.00026	mg/Kg	☼	10/06/25 10:01	10/08/25 15:36	1
tert-Butylbenzene	0.00095	U	0.00095	0.00026	mg/Kg	☼	10/06/25 10:01	10/08/25 15:36	1
Tetrachloroethene	0.00095	U	0.00095	0.00029	mg/Kg	☼	10/06/25 10:01	10/08/25 15:36	1
Toluene	0.00095	U	0.00095	0.00022	mg/Kg	☼	10/06/25 10:01	10/08/25 15:36	1
trans-1,2-Dichloroethene	0.00095	U	0.00095	0.00023	mg/Kg	☼	10/06/25 10:01	10/08/25 15:36	1
trans-1,3-Dichloropropene	0.00095	U	0.00095	0.00025	mg/Kg	☼	10/06/25 10:01	10/08/25 15:36	1
Trichloroethene	0.00095	U	0.00095	0.00031	mg/Kg	☼	10/06/25 10:01	10/08/25 15:36	1
Trichlorofluoromethane	0.00095	U	0.00095	0.00039	mg/Kg	☼	10/06/25 10:01	10/08/25 15:36	1
Vinyl chloride	0.00095	U	0.00095	0.00052	mg/Kg	☼	10/06/25 10:01	10/08/25 15:36	1
Xylenes, Total	0.0019	U	0.0019	0.00017	mg/Kg	☼	10/06/25 10:01	10/08/25 15:36	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,2-Dichloroethane-d4 (Surr)	*113*		*65 - 138*	*10/06/25 10:01*	*10/08/25 15:36*	*1*
4-Bromofluorobenzene	*100*		*71 - 128*	*10/06/25 10:01*	*10/08/25 15:36*	*1*
Dibromofluoromethane (Surr)	*122*		*50 - 150*	*10/06/25 10:01*	*10/08/25 15:36*	*1*
Toluene-d8 (Surr)	*94*		*71 - 126*	*10/06/25 10:01*	*10/08/25 15:36*	*1*

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Percent Moisture (EPA Moisture)	**1.4**		1.0	1.0	%			10/09/25 15:54	1
Percent Solids (EPA Moisture)	**98.6**		1.0	1.0	%			10/09/25 15:54	1

Client: Haley & Aldrich, Inc.
Project/Site: Former Port Mobil

Job ID: 460-336467-1

Client Sample ID: 1A1_12-13
Date Collected: 10/03/25 11:20
Date Received: 10/03/25 16:15

Lab Sample ID: 460-336467-41
Matrix: Solid
Percent Solids: 98.4

Method: SW846 8260D - Volatile Organic Compounds by GC/MS

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1-Trichloroethane	0.00088	U	0.00088	0.00020	mg/Kg	☼	10/06/25 10:02	10/08/25 15:59	1
1,1,2,2-Tetrachloroethane	0.00088	U	0.00088	0.00046	mg/Kg	☼	10/06/25 10:02	10/08/25 15:59	1
1,1,2-Trichloro-1,2,2-trifluoroethane	0.00088	U	0.00088	0.00026	mg/Kg	☼	10/06/25 10:02	10/08/25 15:59	1
1,1,2-Trichloroethane	0.00088	U	0.00088	0.00053	mg/Kg	☼	10/06/25 10:02	10/08/25 15:59	1
1,1-Dichloroethane	0.00088	U	0.00088	0.00052	mg/Kg	☼	10/06/25 10:02	10/08/25 15:59	1
1,1-Dichloroethene	0.00088	U	0.00088	0.00020	mg/Kg	☼	10/06/25 10:02	10/08/25 15:59	1
1,2,3-Trichlorobenzene	0.00088	U	0.00088	0.00065	mg/Kg	☼	10/06/25 10:02	10/08/25 15:59	1
1,2,4-Trichlorobenzene	0.00088	U	0.00088	0.00031	mg/Kg	☼	10/06/25 10:02	10/08/25 15:59	1
1,2,4-Trimethylbenzene	0.00088	U	0.00088	0.00022	mg/Kg	☼	10/06/25 10:02	10/08/25 15:59	1
1,2-Dibromo-3-Chloropropane	0.00088	U	0.00088	0.00040	mg/Kg	☼	10/06/25 10:02	10/08/25 15:59	1
1,2-Dichlorobenzene	0.00088	U	0.00088	0.00032	mg/Kg	☼	10/06/25 10:02	10/08/25 15:59	1
1,2-Dichloroethane	0.00088	U	0.00088	0.00026	mg/Kg	☼	10/06/25 10:02	10/08/25 15:59	1
1,2-Dichloropropane	0.00088	U	0.00088	0.00037	mg/Kg	☼	10/06/25 10:02	10/08/25 15:59	1
1,3,5-Trimethylbenzene	0.00088	U	0.00088	0.00028	mg/Kg	☼	10/06/25 10:02	10/08/25 15:59	1
1,3-Dichlorobenzene	0.00088	U	0.00088	0.00032	mg/Kg	☼	10/06/25 10:02	10/08/25 15:59	1
1,4-Dichlorobenzene	0.00088	U	0.00088	0.00046	mg/Kg	☼	10/06/25 10:02	10/08/25 15:59	1
2-Butanone (MEK)	0.0044	U	0.0044	0.00032	mg/Kg	☼	10/06/25 10:02	10/08/25 15:59	1
2-Hexanone	0.0044	U	0.0044	0.0015	mg/Kg	☼	10/06/25 10:02	10/08/25 15:59	1
4-Methyl-2-pentanone (MIBK)	0.0044	U	0.0044	0.0014	mg/Kg	☼	10/06/25 10:02	10/08/25 15:59	1
Acetone	**0.079**		0.0053	0.0050	mg/Kg	☼	10/06/25 10:02	10/08/25 15:59	1
Benzene	0.00088	U	0.00088	0.00050	mg/Kg	☼	10/06/25 10:02	10/08/25 15:59	1
Bromoform	0.00088	U	0.00088	0.00037	mg/Kg	☼	10/06/25 10:02	10/08/25 15:59	1
Bromomethane	0.0018	U *	0.0018	0.00088	mg/Kg	☼	10/06/25 10:02	10/08/25 15:59	1
Carbon disulfide	0.00088	U	0.00088	0.00023	mg/Kg	☼	10/06/25 10:02	10/08/25 15:59	1
Carbon tetrachloride	0.00088	U	0.00088	0.00034	mg/Kg	☼	10/06/25 10:02	10/08/25 15:59	1
Chlorobenzene	0.00088	U	0.00088	0.00044	mg/Kg	☼	10/06/25 10:02	10/08/25 15:59	1
Chlorobromomethane	0.00088	U	0.00088	0.00052	mg/Kg	☼	10/06/25 10:02	10/08/25 15:59	1
Chlorodibromomethane	0.00088	U	0.00088	0.00047	mg/Kg	☼	10/06/25 10:02	10/08/25 15:59	1
Chloroethane	0.00088	U	0.00088	0.00046	mg/Kg	☼	10/06/25 10:02	10/08/25 15:59	1
Chloroform	0.00088	U	0.00088	0.00085	mg/Kg	☼	10/06/25 10:02	10/08/25 15:59	1
Chloromethane	0.00088	U	0.00088	0.00038	mg/Kg	☼	10/06/25 10:02	10/08/25 15:59	1
cis-1,2-Dichloroethene	0.00088	U	0.00088	0.00031	mg/Kg	☼	10/06/25 10:02	10/08/25 15:59	1
cis-1,3-Dichloropropene	0.00088	U	0.00088	0.00024	mg/Kg	☼	10/06/25 10:02	10/08/25 15:59	1
Cyclohexane	0.00088	U	0.00088	0.00019	mg/Kg	☼	10/06/25 10:02	10/08/25 15:59	1
Dichlorobromomethane	0.00088	U	0.00088	0.00023	mg/Kg	☼	10/06/25 10:02	10/08/25 15:59	1
Dichlorodifluoromethane	0.00088	U	0.00088	0.00030	mg/Kg	☼	10/06/25 10:02	10/08/25 15:59	1
Ethylbenzene	0.00088	U	0.00088	0.00041	mg/Kg	☼	10/06/25 10:02	10/08/25 15:59	1
Ethylene Dibromide	0.00088	U	0.00088	0.00044	mg/Kg	☼	10/06/25 10:02	10/08/25 15:59	1
Isopropylbenzene	0.00088	U	0.00088	0.00025	mg/Kg	☼	10/06/25 10:02	10/08/25 15:59	1
Methyl acetate	0.0044	U	0.0044	0.0038	mg/Kg	☼	10/06/25 10:02	10/08/25 15:59	1
Methyl tert-butyl ether	0.00088	U	0.00088	0.00045	mg/Kg	☼	10/06/25 10:02	10/08/25 15:59	1
Methylcyclohexane	0.00088	U	0.00088	0.00044	mg/Kg	☼	10/06/25 10:02	10/08/25 15:59	1
Methylene Chloride	0.0018	U	0.0018	0.0010	mg/Kg	☼	10/06/25 10:02	10/08/25 15:59	1
m-Xylene & p-Xylene	0.00088	U	0.00088	0.00037	mg/Kg	☼	10/06/25 10:02	10/08/25 15:59	1
n-Butylbenzene	0.00088	U	0.00088	0.00026	mg/Kg	☼	10/06/25 10:02	10/08/25 15:59	1
N-Propylbenzene	0.00088	U	0.00088	0.00039	mg/Kg	☼	10/06/25 10:02	10/08/25 15:59	1
o-Xylene	0.00088	U	0.00088	0.00040	mg/Kg	☼	10/06/25 10:02	10/08/25 15:59	1
sec-Butylbenzene	0.00088	U	0.00088	0.00025	mg/Kg	☼	10/06/25 10:02	10/08/25 15:59	1
Styrene	0.00088	U	0.00088	0.00024	mg/Kg	☼	10/06/25 10:02	10/08/25 15:59	1

Client Sample ID: 1A1_12-13

Lab Sample ID: 460-336467-41
Date Collected: 10/03/25 11:20
Matrix: Solid
Date Received: 10/03/25 16:15
Percent Solids: 98.4

Method: SW846 8260D - Volatile Organic Compounds by GC/MS (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
tert-Butylbenzene	0.00088	U	0.00088	0.00024	mg/Kg	☼	10/06/25 10:02	10/08/25 15:59	1
Tetrachloroethene	0.00088	U	0.00088	0.00027	mg/Kg	☼	10/06/25 10:02	10/08/25 15:59	1
Toluene	0.00088	U	0.00088	0.00021	mg/Kg	☼	10/06/25 10:02	10/08/25 15:59	1
trans-1,2-Dichloroethene	0.00088	U	0.00088	0.00022	mg/Kg	☼	10/06/25 10:02	10/08/25 15:59	1
trans-1,3-Dichloropropene	0.00088	U	0.00088	0.00023	mg/Kg	☼	10/06/25 10:02	10/08/25 15:59	1
Trichloroethene	0.00088	U	0.00088	0.00028	mg/Kg	☼	10/06/25 10:02	10/08/25 15:59	1
Trichlorofluoromethane	0.00088	U	0.00088	0.00036	mg/Kg	☼	10/06/25 10:02	10/08/25 15:59	1
Vinyl chloride	0.00088	U	0.00088	0.00048	mg/Kg	☼	10/06/25 10:02	10/08/25 15:59	1
Xylenes, Total	0.0018	U	0.0018	0.00015	mg/Kg	☼	10/06/25 10:02	10/08/25 15:59	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,2-Dichloroethane-d4 (Surr)	*113*		*65 - 138*	*10/06/25 10:02*	*10/08/25 15:59*	*1*
4-Bromofluorobenzene	*97*		*71 - 128*	*10/06/25 10:02*	*10/08/25 15:59*	*1*
Dibromofluoromethane (Surr)	*121*		*50 - 150*	*10/06/25 10:02*	*10/08/25 15:59*	*1*
Toluene-d8 (Surr)	*95*		*71 - 126*	*10/06/25 10:02*	*10/08/25 15:59*	*1*

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Percent Moisture (EPA Moisture)	**1.6**		1.0	1.0	%			10/09/25 15:54	1
Percent Solids (EPA Moisture)	**98.4**		1.0	1.0	%			10/09/25 15:54	1

Client Sample ID: 1B1_1-2

Lab Sample ID: 460-336467-42
Date Collected: 10/03/25 11:25
Matrix: Solid
Date Received: 10/03/25 16:15
Percent Solids: 95.6

Method: SW846 8260D - Volatile Organic Compounds by GC/MS

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1-Trichloroethane	0.0014	U	0.0014	0.00033	mg/Kg	☼	10/06/25 10:02	10/08/25 16:22	1
1,1,2,2-Tetrachloroethane	0.0014	U	0.0014	0.00074	mg/Kg	☼	10/06/25 10:02	10/08/25 16:22	1
1,1,2-Trichloro-1,2,2-trifluoroethane	0.0014	U	0.0014	0.00043	mg/Kg	☼	10/06/25 10:02	10/08/25 16:22	1
1,1,2-Trichloroethane	0.0014	U	0.0014	0.00085	mg/Kg	☼	10/06/25 10:02	10/08/25 16:22	1
1,1-Dichloroethane	0.0014	U	0.0014	0.00084	mg/Kg	☼	10/06/25 10:02	10/08/25 16:22	1
1,1-Dichloroethene	0.0014	U	0.0014	0.00032	mg/Kg	☼	10/06/25 10:02	10/08/25 16:22	1
1,2,3-Trichlorobenzene	0.0014	U	0.0014	0.0010	mg/Kg	☼	10/06/25 10:02	10/08/25 16:22	1
1,2,4-Trichlorobenzene	0.0014	U	0.0014	0.00051	mg/Kg	☼	10/06/25 10:02	10/08/25 16:22	1
1,2,4-Trimethylbenzene	0.0014	U	0.0014	0.00035	mg/Kg	☼	10/06/25 10:02	10/08/25 16:22	1
1,2-Dibromo-3-Chloropropane	0.0014	U	0.0014	0.00065	mg/Kg	☼	10/06/25 10:02	10/08/25 16:22	1
1,2-Dichlorobenzene	0.0014	U	0.0014	0.00051	mg/Kg	☼	10/06/25 10:02	10/08/25 16:22	1
1,2-Dichloroethane	0.0014	U	0.0014	0.00042	mg/Kg	☼	10/06/25 10:02	10/08/25 16:22	1
1,2-Dichloropropane	0.0014	U	0.0014	0.00060	mg/Kg	☼	10/06/25 10:02	10/08/25 16:22	1
1,3,5-Trimethylbenzene	0.0014	U	0.0014	0.00044	mg/Kg	☼	10/06/25 10:02	10/08/25 16:22	1
1,3-Dichlorobenzene	0.0014	U	0.0014	0.00052	mg/Kg	☼	10/06/25 10:02	10/08/25 16:22	1
1,4-Dichlorobenzene	0.0014	U	0.0014	0.00073	mg/Kg	☼	10/06/25 10:02	10/08/25 16:22	1
2-Butanone (MEK)	0.0071	U	0.0071	0.00052	mg/Kg	☼	10/06/25 10:02	10/08/25 16:22	1
2-Hexanone	0.0071	U	0.0071	0.0024	mg/Kg	☼	10/06/25 10:02	10/08/25 16:22	1
4-Methyl-2-pentanone (MIBK)	0.0071	U	0.0071	0.0022	mg/Kg	☼	10/06/25 10:02	10/08/25 16:22	1
Acetone	**0.19**		0.0085	0.0081	mg/Kg	☼	10/06/25 10:02	10/08/25 16:22	1
Benzene	0.0014	U	0.0014	0.00080	mg/Kg	☼	10/06/25 10:02	10/08/25 16:22	1
Bromoform	0.0014	U	0.0014	0.00060	mg/Kg	☼	10/06/25 10:02	10/08/25 16:22	1
Bromomethane	0.0028	U *	0.0028	0.0014	mg/Kg	☼	10/06/25 10:02	10/08/25 16:22	1

Client Sample ID: 1B1_1-2
Date Collected: 10/03/25 11:25
Date Received: 10/03/25 16:15

Lab Sample ID: 460-336467-42
Matrix: Solid
Percent Solids: 95.6

Method: SW846 8260D - Volatile Organic Compounds by GC/MS (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Carbon disulfide	0.0014	U	0.0014	0.00038	mg/Kg	☼	10/06/25 10:02	10/08/25 16:22	1
Carbon tetrachloride	0.0014	U	0.0014	0.00055	mg/Kg	☼	10/06/25 10:02	10/08/25 16:22	1
Chlorobenzene	0.0014	U	0.0014	0.00072	mg/Kg	☼	10/06/25 10:02	10/08/25 16:22	1
Chlorobromomethane	0.0014	U	0.0014	0.00084	mg/Kg	☼	10/06/25 10:02	10/08/25 16:22	1
Chlorodibromomethane	0.0014	U	0.0014	0.00076	mg/Kg	☼	10/06/25 10:02	10/08/25 16:22	1
Chloroethane	0.0014	U	0.0014	0.00074	mg/Kg	☼	10/06/25 10:02	10/08/25 16:22	1
Chloroform	0.0014	U	0.0014	0.0014	mg/Kg	☼	10/06/25 10:02	10/08/25 16:22	1
Chloromethane	0.0014	U	0.0014	0.00061	mg/Kg	☼	10/06/25 10:02	10/08/25 16:22	1
cis-1,2-Dichloroethene	0.0014	U	0.0014	0.00051	mg/Kg	☼	10/06/25 10:02	10/08/25 16:22	1
cis-1,3-Dichloropropene	0.0014	U	0.0014	0.00039	mg/Kg	☼	10/06/25 10:02	10/08/25 16:22	1
Cyclohexane	0.0014	U	0.0014	0.00031	mg/Kg	☼	10/06/25 10:02	10/08/25 16:22	1
Dichlorobromomethane	0.0014	U	0.0014	0.00036	mg/Kg	☼	10/06/25 10:02	10/08/25 16:22	1
Dichlorodifluoromethane	0.0014	U	0.0014	0.00048	mg/Kg	☼	10/06/25 10:02	10/08/25 16:22	1
Ethylbenzene	0.0014	U	0.0014	0.00066	mg/Kg	☼	10/06/25 10:02	10/08/25 16:22	1
Ethylene Dibromide	0.0014	U	0.0014	0.00071	mg/Kg	☼	10/06/25 10:02	10/08/25 16:22	1
Isopropylbenzene	0.0014	U	0.0014	0.00040	mg/Kg	☼	10/06/25 10:02	10/08/25 16:22	1
Methyl acetate	0.0071	U	0.0071	0.0061	mg/Kg	☼	10/06/25 10:02	10/08/25 16:22	1
Methyl tert-butyl ether	0.0014	U	0.0014	0.00072	mg/Kg	☼	10/06/25 10:02	10/08/25 16:22	1
Methylcyclohexane	0.0014	U	0.0014	0.00070	mg/Kg	☼	10/06/25 10:02	10/08/25 16:22	1
Methylene Chloride	0.0028	U	0.0028	0.0016	mg/Kg	☼	10/06/25 10:02	10/08/25 16:22	1
m-Xylene & p-Xylene	0.0014	U	0.0014	0.00060	mg/Kg	☼	10/06/25 10:02	10/08/25 16:22	1
n-Butylbenzene	0.0014	U	0.0014	0.00042	mg/Kg	☼	10/06/25 10:02	10/08/25 16:22	1
N-Propylbenzene	0.0014	U	0.0014	0.00063	mg/Kg	☼	10/06/25 10:02	10/08/25 16:22	1
o-Xylene	0.0014	U	0.0014	0.00065	mg/Kg	☼	10/06/25 10:02	10/08/25 16:22	1
sec-Butylbenzene	0.0014	U	0.0014	0.00041	mg/Kg	☼	10/06/25 10:02	10/08/25 16:22	1
Styrene	0.0014	U	0.0014	0.00039	mg/Kg	☼	10/06/25 10:02	10/08/25 16:22	1
tert-Butylbenzene	0.0014	U	0.0014	0.00039	mg/Kg	☼	10/06/25 10:02	10/08/25 16:22	1
Tetrachloroethene	0.0014	U	0.0014	0.00043	mg/Kg	☼	10/06/25 10:02	10/08/25 16:22	1
Toluene	**0.00077**	**J**	0.0014	0.00033	mg/Kg	☼	10/06/25 10:02	10/08/25 16:22	1
trans-1,2-Dichloroethene	0.0014	U	0.0014	0.00035	mg/Kg	☼	10/06/25 10:02	10/08/25 16:22	1
trans-1,3-Dichloropropene	0.0014	U	0.0014	0.00038	mg/Kg	☼	10/06/25 10:02	10/08/25 16:22	1
Trichloroethene	0.0014	U	0.0014	0.00045	mg/Kg	☼	10/06/25 10:02	10/08/25 16:22	1
Trichlorofluoromethane	0.0014	U	0.0014	0.00057	mg/Kg	☼	10/06/25 10:02	10/08/25 16:22	1
Vinyl chloride	0.0014	U	0.0014	0.00077	mg/Kg	☼	10/06/25 10:02	10/08/25 16:22	1
Xylenes, Total	0.0028	U	0.0028	0.00025	mg/Kg	☼	10/06/25 10:02	10/08/25 16:22	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,2-Dichloroethane-d4 (Surr)	*107*		*65 - 138*	*10/06/25 10:02*	*10/08/25 16:22*	*1*
4-Bromofluorobenzene	*99*		*71 - 128*	*10/06/25 10:02*	*10/08/25 16:22*	*1*
Dibromofluoromethane (Surr)	*113*		*50 - 150*	*10/06/25 10:02*	*10/08/25 16:22*	*1*
Toluene-d8 (Surr)	*95*		*71 - 126*	*10/06/25 10:02*	*10/08/25 16:22*	*1*

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Percent Moisture (EPA Moisture)	**4.4**		1.0	1.0	%			10/09/25 15:54	1
Percent Solids (EPA Moisture)	**95.6**		1.0	1.0	%			10/09/25 15:54	1

Client Sample ID: 1B2_3-4
Date Collected: 10/03/25 11:30
Date Received: 10/03/25 16:15

Lab Sample ID: 460-336467-43
Matrix: Solid
Percent Solids: 95.4

Method: SW846 8260D - Volatile Organic Compounds by GC/MS

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1-Trichloroethane	0.0012	U	0.0012	0.00028	mg/Kg	☼	10/06/25 10:02	10/08/25 11:01	1
1,1,2,2-Tetrachloroethane	0.0012	U	0.0012	0.00062	mg/Kg	☼	10/06/25 10:02	10/08/25 11:01	1
1,1,2-Trichloro-1,2,2-trifluoroethane	0.0012	U	0.0012	0.00036	mg/Kg	☼	10/06/25 10:02	10/08/25 11:01	1
1,1,2-Trichloroethane	0.0012	U	0.0012	0.00072	mg/Kg	☼	10/06/25 10:02	10/08/25 11:01	1
1,1-Dichloroethane	0.0012	U	0.0012	0.00071	mg/Kg	☼	10/06/25 10:02	10/08/25 11:01	1
1,1-Dichloroethene	0.0012	U	0.0012	0.00027	mg/Kg	☼	10/06/25 10:02	10/08/25 11:01	1
1,2,3-Trichlorobenzene	0.0012	U	0.0012	0.00088	mg/Kg	☼	10/06/25 10:02	10/08/25 11:01	1
1,2,4-Trichlorobenzene	0.0012	U	0.0012	0.00043	mg/Kg	☼	10/06/25 10:02	10/08/25 11:01	1
1,2,4-Trimethylbenzene	0.0012	U	0.0012	0.00029	mg/Kg	☼	10/06/25 10:02	10/08/25 11:01	1
1,2-Dibromo-3-Chloropropane	0.0012	U	0.0012	0.00055	mg/Kg	☼	10/06/25 10:02	10/08/25 11:01	1
1,2-Dichlorobenzene	0.0012	U	0.0012	0.00043	mg/Kg	☼	10/06/25 10:02	10/08/25 11:01	1
1,2-Dichloroethane	0.0012	U	0.0012	0.00035	mg/Kg	☼	10/06/25 10:02	10/08/25 11:01	1
1,2-Dichloropropane	0.0012	U	0.0012	0.00050	mg/Kg	☼	10/06/25 10:02	10/08/25 11:01	1
1,3,5-Trimethylbenzene	0.0012	U	0.0012	0.00037	mg/Kg	☼	10/06/25 10:02	10/08/25 11:01	1
1,3-Dichlorobenzene	0.0012	U	0.0012	0.00043	mg/Kg	☼	10/06/25 10:02	10/08/25 11:01	1
1,4-Dichlorobenzene	0.0012	U	0.0012	0.00062	mg/Kg	☼	10/06/25 10:02	10/08/25 11:01	1
2-Butanone (MEK)	0.0060	U	0.0060	0.00044	mg/Kg	☼	10/06/25 10:02	10/08/25 11:01	1
2-Hexanone	0.0060	U	0.0060	0.0020	mg/Kg	☼	10/06/25 10:02	10/08/25 11:01	1
4-Methyl-2-pentanone (MIBK)	0.0060	U	0.0060	0.0019	mg/Kg	☼	10/06/25 10:02	10/08/25 11:01	1
Acetone	**0.043**		0.0071	0.0068	mg/Kg	☼	10/06/25 10:02	10/08/25 11:01	1
Benzene	0.0012	U	0.0012	0.00068	mg/Kg	☼	10/06/25 10:02	10/08/25 11:01	1
Bromoform	0.0012	U	0.0012	0.00051	mg/Kg	☼	10/06/25 10:02	10/08/25 11:01	1
Bromomethane	0.0024	U	0.0024	0.0012	mg/Kg	☼	10/06/25 10:02	10/08/25 11:01	1
Carbon disulfide	0.0012	U	0.0012	0.00032	mg/Kg	☼	10/06/25 10:02	10/08/25 11:01	1
Carbon tetrachloride	0.0012	U	0.0012	0.00046	mg/Kg	☼	10/06/25 10:02	10/08/25 11:01	1
Chlorobenzene	0.0012	U	0.0012	0.00060	mg/Kg	☼	10/06/25 10:02	10/08/25 11:01	1
Chlorobromomethane	0.0012	U	0.0012	0.00071	mg/Kg	☼	10/06/25 10:02	10/08/25 11:01	1
Chlorodibromomethane	0.0012	U	0.0012	0.00064	mg/Kg	☼	10/06/25 10:02	10/08/25 11:01	1
Chloroethane	0.0012	U *	0.0012	0.00062	mg/Kg	☼	10/06/25 10:02	10/08/25 11:01	1
Chloroform	0.0012	U	0.0012	0.0012	mg/Kg	☼	10/06/25 10:02	10/08/25 11:01	1
Chloromethane	0.0012	U	0.0012	0.00052	mg/Kg	☼	10/06/25 10:02	10/08/25 11:01	1
cis-1,2-Dichloroethene	0.0012	U	0.0012	0.00043	mg/Kg	☼	10/06/25 10:02	10/08/25 11:01	1
cis-1,3-Dichloropropene	0.0012	U	0.0012	0.00033	mg/Kg	☼	10/06/25 10:02	10/08/25 11:01	1
Cyclohexane	0.0012	U	0.0012	0.00026	mg/Kg	☼	10/06/25 10:02	10/08/25 11:01	1
Dichlorobromomethane	0.0012	U	0.0012	0.00031	mg/Kg	☼	10/06/25 10:02	10/08/25 11:01	1
Dichlorodifluoromethane	0.0012	U *	0.0012	0.00040	mg/Kg	☼	10/06/25 10:02	10/08/25 11:01	1
Ethylbenzene	0.0012	U	0.0012	0.00056	mg/Kg	☼	10/06/25 10:02	10/08/25 11:01	1
Ethylene Dibromide	0.0012	U	0.0012	0.00060	mg/Kg	☼	10/06/25 10:02	10/08/25 11:01	1
Isopropylbenzene	0.0012	U	0.0012	0.00034	mg/Kg	☼	10/06/25 10:02	10/08/25 11:01	1
Methyl acetate	0.0060	U	0.0060	0.0051	mg/Kg	☼	10/06/25 10:02	10/08/25 11:01	1
Methyl tert-butyl ether	0.0012	U	0.0012	0.00061	mg/Kg	☼	10/06/25 10:02	10/08/25 11:01	1
Methylcyclohexane	0.0012	U	0.0012	0.00059	mg/Kg	☼	10/06/25 10:02	10/08/25 11:01	1
Methylene Chloride	0.0024	U	0.0024	0.0014	mg/Kg	☼	10/06/25 10:02	10/08/25 11:01	1
m-Xylene & p-Xylene	0.0012	U	0.0012	0.00050	mg/Kg	☼	10/06/25 10:02	10/08/25 11:01	1
n-Butylbenzene	0.0012	U	0.0012	0.00035	mg/Kg	☼	10/06/25 10:02	10/08/25 11:01	1
N-Propylbenzene	0.0012	U	0.0012	0.00053	mg/Kg	☼	10/06/25 10:02	10/08/25 11:01	1
o-Xylene	0.0012	U	0.0012	0.00055	mg/Kg	☼	10/06/25 10:02	10/08/25 11:01	1
sec-Butylbenzene	0.0012	U	0.0012	0.00034	mg/Kg	☼	10/06/25 10:02	10/08/25 11:01	1
Styrene	0.0012	U	0.0012	0.00033	mg/Kg	☼	10/06/25 10:02	10/08/25 11:01	1

Client Sample ID: 1B2_3-4

Lab Sample ID: 460-336467-43

Date Collected: 10/03/25 11:30
Matrix: Solid
Date Received: 10/03/25 16:15
Percent Solids: 95.4

Method: SW846 8260D - Volatile Organic Compounds by GC/MS (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
tert-Butylbenzene	0.0012	U	0.0012	0.00033	mg/Kg	☼	10/06/25 10:02	10/08/25 11:01	1
Tetrachloroethene	0.0012	U	0.0012	0.00036	mg/Kg	☼	10/06/25 10:02	10/08/25 11:01	1
Toluene	0.0012	U	0.0012	0.00028	mg/Kg	☼	10/06/25 10:02	10/08/25 11:01	1
trans-1,2-Dichloroethene	0.0012	U	0.0012	0.00029	mg/Kg	☼	10/06/25 10:02	10/08/25 11:01	1
trans-1,3-Dichloropropene	0.0012	U	0.0012	0.00032	mg/Kg	☼	10/06/25 10:02	10/08/25 11:01	1
Trichloroethene	0.0012	U	0.0012	0.00038	mg/Kg	☼	10/06/25 10:02	10/08/25 11:01	1
Trichlorofluoromethane	0.0012	U	0.0012	0.00048	mg/Kg	☼	10/06/25 10:02	10/08/25 11:01	1
Vinyl chloride	0.0012	U	0.0012	0.00065	mg/Kg	☼	10/06/25 10:02	10/08/25 11:01	1
Xylenes, Total	0.0024	U	0.0024	0.00021	mg/Kg	☼	10/06/25 10:02	10/08/25 11:01	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,2-Dichloroethane-d4 (Surr)	*95*		*65 - 138*	*10/06/25 10:02*	*10/08/25 11:01*	*1*
4-Bromofluorobenzene	*94*		*71 - 128*	*10/06/25 10:02*	*10/08/25 11:01*	*1*
Dibromofluoromethane (Surr)	*99*		*50 - 150*	*10/06/25 10:02*	*10/08/25 11:01*	*1*
Toluene-d8 (Surr)	*101*		*71 - 126*	*10/06/25 10:02*	*10/08/25 11:01*	*1*

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Percent Moisture (EPA Moisture)	**4.6**		1.0	1.0	%			10/09/25 15:54	1
Percent Solids (EPA Moisture)	**95.4**		1.0	1.0	%			10/09/25 15:54	1

Client Sample ID: 1B3_4-5

Lab Sample ID: 460-336467-44

Date Collected: 10/03/25 11:35
Matrix: Solid
Date Received: 10/03/25 16:15
Percent Solids: 95.8

Method: SW846 8260D - Volatile Organic Compounds by GC/MS

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1-Trichloroethane	0.0012	U	0.0012	0.00027	mg/Kg	☼	10/06/25 10:03	10/08/25 11:25	1
1,1,2,2-Tetrachloroethane	0.0012	U	0.0012	0.00060	mg/Kg	☼	10/06/25 10:03	10/08/25 11:25	1
1,1,2-Trichloro-1,2,2-trifluoroethane	0.0012	U	0.0012	0.00035	mg/Kg	☼	10/06/25 10:03	10/08/25 11:25	1
1,1,2-Trichloroethane	0.0012	U	0.0012	0.00069	mg/Kg	☼	10/06/25 10:03	10/08/25 11:25	1
1,1-Dichloroethane	0.0012	U	0.0012	0.00069	mg/Kg	☼	10/06/25 10:03	10/08/25 11:25	1
1,1-Dichloroethene	0.0012	U	0.0012	0.00026	mg/Kg	☼	10/06/25 10:03	10/08/25 11:25	1
1,2,3-Trichlorobenzene	0.0012	U	0.0012	0.00085	mg/Kg	☼	10/06/25 10:03	10/08/25 11:25	1
1,2,4-Trichlorobenzene	0.0012	U	0.0012	0.00041	mg/Kg	☼	10/06/25 10:03	10/08/25 11:25	1
1,2,4-Trimethylbenzene	0.0012	U	0.0012	0.00028	mg/Kg	☼	10/06/25 10:03	10/08/25 11:25	1
1,2-Dibromo-3-Chloropropane	0.0012	U	0.0012	0.00053	mg/Kg	☼	10/06/25 10:03	10/08/25 11:25	1
1,2-Dichlorobenzene	0.0012	U	0.0012	0.00042	mg/Kg	☼	10/06/25 10:03	10/08/25 11:25	1
1,2-Dichloroethane	0.0012	U	0.0012	0.00034	mg/Kg	☼	10/06/25 10:03	10/08/25 11:25	1
1,2-Dichloropropane	0.0012	U	0.0012	0.00049	mg/Kg	☼	10/06/25 10:03	10/08/25 11:25	1
1,3,5-Trimethylbenzene	0.0012	U	0.0012	0.00036	mg/Kg	☼	10/06/25 10:03	10/08/25 11:25	1
1,3-Dichlorobenzene	0.0012	U	0.0012	0.00042	mg/Kg	☼	10/06/25 10:03	10/08/25 11:25	1
1,4-Dichlorobenzene	0.0012	U	0.0012	0.00060	mg/Kg	☼	10/06/25 10:03	10/08/25 11:25	1
2-Butanone (MEK)	0.0058	U	0.0058	0.00042	mg/Kg	☼	10/06/25 10:03	10/08/25 11:25	1
2-Hexanone	0.0058	U	0.0058	0.0020	mg/Kg	☼	10/06/25 10:03	10/08/25 11:25	1
4-Methyl-2-pentanone (MIBK)	0.0058	U	0.0058	0.0018	mg/Kg	☼	10/06/25 10:03	10/08/25 11:25	1
Acetone	0.0069	U	0.0069	0.0066	mg/Kg	☼	10/06/25 10:03	10/08/25 11:25	1
Benzene	0.0012	U	0.0012	0.00065	mg/Kg	☼	10/06/25 10:03	10/08/25 11:25	1
Bromoform	0.0012	U	0.0012	0.00049	mg/Kg	☼	10/06/25 10:03	10/08/25 11:25	1
Bromomethane	0.0023	U	0.0023	0.0012	mg/Kg	☼	10/06/25 10:03	10/08/25 11:25	1

Client Sample ID: 1B3_4-5
Date Collected: 10/03/25 11:35
Date Received: 10/03/25 16:15

Lab Sample ID: 460-336467-44
Matrix: Solid
Percent Solids: 95.8

Method: SW846 8260D - Volatile Organic Compounds by GC/MS (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Carbon disulfide	0.0012	U	0.0012	0.00031	mg/Kg	☼	10/06/25 10:03	10/08/25 11:25	1
Carbon tetrachloride	0.0012	U	0.0012	0.00045	mg/Kg	☼	10/06/25 10:03	10/08/25 11:25	1
Chlorobenzene	0.0012	U	0.0012	0.00058	mg/Kg	☼	10/06/25 10:03	10/08/25 11:25	1
Chlorobromomethane	0.0012	U	0.0012	0.00069	mg/Kg	☼	10/06/25 10:03	10/08/25 11:25	1
Chlorodibromomethane	0.0012	U	0.0012	0.00062	mg/Kg	☼	10/06/25 10:03	10/08/25 11:25	1
Chloroethane	0.0012	U *	0.0012	0.00060	mg/Kg	☼	10/06/25 10:03	10/08/25 11:25	1
Chloroform	0.0012	U	0.0012	0.0011	mg/Kg	☼	10/06/25 10:03	10/08/25 11:25	1
Chloromethane	0.0012	U	0.0012	0.00050	mg/Kg	☼	10/06/25 10:03	10/08/25 11:25	1
cis-1,2-Dichloroethene	0.0012	U	0.0012	0.00041	mg/Kg	☼	10/06/25 10:03	10/08/25 11:25	1
cis-1,3-Dichloropropene	0.0012	U	0.0012	0.00031	mg/Kg	☼	10/06/25 10:03	10/08/25 11:25	1
Cyclohexane	0.0012	U	0.0012	0.00025	mg/Kg	☼	10/06/25 10:03	10/08/25 11:25	1
Dichlorobromomethane	0.0012	U	0.0012	0.00030	mg/Kg	☼	10/06/25 10:03	10/08/25 11:25	1
Dichlorodifluoromethane	0.0012	U *	0.0012	0.00039	mg/Kg	☼	10/06/25 10:03	10/08/25 11:25	1
Ethylbenzene	0.0012	U	0.0012	0.00054	mg/Kg	☼	10/06/25 10:03	10/08/25 11:25	1
Ethylene Dibromide	0.0012	U	0.0012	0.00058	mg/Kg	☼	10/06/25 10:03	10/08/25 11:25	1
Isopropylbenzene	0.0012	U	0.0012	0.00033	mg/Kg	☼	10/06/25 10:03	10/08/25 11:25	1
Methyl acetate	0.0058	U	0.0058	0.0050	mg/Kg	☼	10/06/25 10:03	10/08/25 11:25	1
Methyl tert-butyl ether	0.0012	U	0.0012	0.00059	mg/Kg	☼	10/06/25 10:03	10/08/25 11:25	1
Methylcyclohexane	0.0012	U	0.0012	0.00058	mg/Kg	☼	10/06/25 10:03	10/08/25 11:25	1
Methylene Chloride	**0.0013**	**J**	0.0023	0.0013	mg/Kg	☼	10/06/25 10:03	10/08/25 11:25	1
m-Xylene & p-Xylene	0.0012	U	0.0012	0.00049	mg/Kg	☼	10/06/25 10:03	10/08/25 11:25	1
n-Butylbenzene	0.0012	U	0.0012	0.00034	mg/Kg	☼	10/06/25 10:03	10/08/25 11:25	1
N-Propylbenzene	0.0012	U	0.0012	0.00052	mg/Kg	☼	10/06/25 10:03	10/08/25 11:25	1
o-Xylene	0.0012	U	0.0012	0.00053	mg/Kg	☼	10/06/25 10:03	10/08/25 11:25	1
sec-Butylbenzene	0.0012	U	0.0012	0.00033	mg/Kg	☼	10/06/25 10:03	10/08/25 11:25	1
Styrene	0.0012	U	0.0012	0.00032	mg/Kg	☼	10/06/25 10:03	10/08/25 11:25	1
tert-Butylbenzene	0.0012	U	0.0012	0.00032	mg/Kg	☼	10/06/25 10:03	10/08/25 11:25	1
Tetrachloroethene	0.0012	U	0.0012	0.00035	mg/Kg	☼	10/06/25 10:03	10/08/25 11:25	1
Toluene	0.0012	U	0.0012	0.00027	mg/Kg	☼	10/06/25 10:03	10/08/25 11:25	1
trans-1,2-Dichloroethene	0.0012	U	0.0012	0.00028	mg/Kg	☼	10/06/25 10:03	10/08/25 11:25	1
trans-1,3-Dichloropropene	0.0012	U	0.0012	0.00031	mg/Kg	☼	10/06/25 10:03	10/08/25 11:25	1
Trichloroethene	0.0012	U	0.0012	0.00037	mg/Kg	☼	10/06/25 10:03	10/08/25 11:25	1
Trichlorofluoromethane	0.0012	U	0.0012	0.00047	mg/Kg	☼	10/06/25 10:03	10/08/25 11:25	1
Vinyl chloride	0.0012	U	0.0012	0.00063	mg/Kg	☼	10/06/25 10:03	10/08/25 11:25	1
Xylenes, Total	0.0023	U	0.0023	0.00020	mg/Kg	☼	10/06/25 10:03	10/08/25 11:25	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,2-Dichloroethane-d4 (Surr)	*98*		*65 - 138*	*10/06/25 10:03*	*10/08/25 11:25*	*1*
4-Bromofluorobenzene	*99*		*71 - 128*	*10/06/25 10:03*	*10/08/25 11:25*	*1*
Dibromofluoromethane (Surr)	*100*		*50 - 150*	*10/06/25 10:03*	*10/08/25 11:25*	*1*
Toluene-d8 (Surr)	*102*		*71 - 126*	*10/06/25 10:03*	*10/08/25 11:25*	*1*

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Percent Moisture (EPA Moisture)	**4.2**		1.0	1.0	%			10/09/25 15:54	1
Percent Solids (EPA Moisture)	**95.8**		1.0	1.0	%			10/09/25 15:54	1

Client Sample ID: 1B1_6-7
Date Collected: 10/03/25 11:40
Date Received: 10/03/25 16:15

Lab Sample ID: 460-336467-45
Matrix: Solid
Percent Solids: 95.3

Method: SW846 8260D - Volatile Organic Compounds by GC/MS

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1-Trichloroethane	0.0014	U	0.0014	0.00033	mg/Kg	☼	10/06/25 10:03	10/08/25 11:49	1
1,1,2,2-Tetrachloroethane	0.0014	U	0.0014	0.00074	mg/Kg	☼	10/06/25 10:03	10/08/25 11:49	1
1,1,2-Trichloro-1,2,2-trifluoroethane	0.0014	U	0.0014	0.00043	mg/Kg	☼	10/06/25 10:03	10/08/25 11:49	1
1,1,2-Trichloroethane	0.0014	U	0.0014	0.00086	mg/Kg	☼	10/06/25 10:03	10/08/25 11:49	1
1,1-Dichloroethane	0.0014	U	0.0014	0.00085	mg/Kg	☼	10/06/25 10:03	10/08/25 11:49	1
1,1-Dichloroethene	0.0014	U	0.0014	0.00032	mg/Kg	☼	10/06/25 10:03	10/08/25 11:49	1
1,2,3-Trichlorobenzene	0.0014	U	0.0014	0.0011	mg/Kg	☼	10/06/25 10:03	10/08/25 11:49	1
1,2,4-Trichlorobenzene	0.0014	U	0.0014	0.00051	mg/Kg	☼	10/06/25 10:03	10/08/25 11:49	1
1,2,4-Trimethylbenzene	0.0014	U	0.0014	0.00035	mg/Kg	☼	10/06/25 10:03	10/08/25 11:49	1
1,2-Dibromo-3-Chloropropane	0.0014	U	0.0014	0.00065	mg/Kg	☼	10/06/25 10:03	10/08/25 11:49	1
1,2-Dichlorobenzene	0.0014	U	0.0014	0.00051	mg/Kg	☼	10/06/25 10:03	10/08/25 11:49	1
1,2-Dichloroethane	0.0014	U	0.0014	0.00042	mg/Kg	☼	10/06/25 10:03	10/08/25 11:49	1
1,2-Dichloropropane	0.0014	U	0.0014	0.00060	mg/Kg	☼	10/06/25 10:03	10/08/25 11:49	1
1,3,5-Trimethylbenzene	0.0014	U	0.0014	0.00045	mg/Kg	☼	10/06/25 10:03	10/08/25 11:49	1
1,3-Dichlorobenzene	0.0014	U	0.0014	0.00052	mg/Kg	☼	10/06/25 10:03	10/08/25 11:49	1
1,4-Dichlorobenzene	0.0014	U	0.0014	0.00074	mg/Kg	☼	10/06/25 10:03	10/08/25 11:49	1
2-Butanone (MEK)	0.0071	U	0.0071	0.00052	mg/Kg	☼	10/06/25 10:03	10/08/25 11:49	1
2-Hexanone	0.0071	U	0.0071	0.0024	mg/Kg	☼	10/06/25 10:03	10/08/25 11:49	1
4-Methyl-2-pentanone (MIBK)	0.0071	U	0.0071	0.0022	mg/Kg	☼	10/06/25 10:03	10/08/25 11:49	1
Acetone	**0.096**		0.0085	0.0081	mg/Kg	☼	10/06/25 10:03	10/08/25 11:49	1
Benzene	0.0014	U	0.0014	0.00081	mg/Kg	☼	10/06/25 10:03	10/08/25 11:49	1
Bromoform	0.0014	U	0.0014	0.00061	mg/Kg	☼	10/06/25 10:03	10/08/25 11:49	1
Bromomethane	0.0028	U	0.0028	0.0014	mg/Kg	☼	10/06/25 10:03	10/08/25 11:49	1
Carbon disulfide	0.0014	U	0.0014	0.00038	mg/Kg	☼	10/06/25 10:03	10/08/25 11:49	1
Carbon tetrachloride	0.0014	U	0.0014	0.00055	mg/Kg	☼	10/06/25 10:03	10/08/25 11:49	1
Chlorobenzene	0.0014	U	0.0014	0.00072	mg/Kg	☼	10/06/25 10:03	10/08/25 11:49	1
Chlorobromomethane	0.0014	U	0.0014	0.00085	mg/Kg	☼	10/06/25 10:03	10/08/25 11:49	1
Chlorodibromomethane	0.0014	U	0.0014	0.00076	mg/Kg	☼	10/06/25 10:03	10/08/25 11:49	1
Chloroethane	0.0014	U *	0.0014	0.00074	mg/Kg	☼	10/06/25 10:03	10/08/25 11:49	1
Chloroform	0.0014	U	0.0014	0.0014	mg/Kg	☼	10/06/25 10:03	10/08/25 11:49	1
Chloromethane	0.0014	U	0.0014	0.00062	mg/Kg	☼	10/06/25 10:03	10/08/25 11:49	1
cis-1,2-Dichloroethene	0.0014	U	0.0014	0.00051	mg/Kg	☼	10/06/25 10:03	10/08/25 11:49	1
cis-1,3-Dichloropropene	0.0014	U	0.0014	0.00039	mg/Kg	☼	10/06/25 10:03	10/08/25 11:49	1
Cyclohexane	0.0014	U	0.0014	0.00031	mg/Kg	☼	10/06/25 10:03	10/08/25 11:49	1
Dichlorobromomethane	0.0014	U	0.0014	0.00037	mg/Kg	☼	10/06/25 10:03	10/08/25 11:49	1
Dichlorodifluoromethane	0.0014	U *	0.0014	0.00048	mg/Kg	☼	10/06/25 10:03	10/08/25 11:49	1
Ethylbenzene	0.0014	U	0.0014	0.00067	mg/Kg	☼	10/06/25 10:03	10/08/25 11:49	1
Ethylene Dibromide	0.0014	U	0.0014	0.00072	mg/Kg	☼	10/06/25 10:03	10/08/25 11:49	1
Isopropylbenzene	0.0014	U	0.0014	0.00041	mg/Kg	☼	10/06/25 10:03	10/08/25 11:49	1
Methyl acetate	0.0071	U	0.0071	0.0061	mg/Kg	☼	10/06/25 10:03	10/08/25 11:49	1
Methyl tert-butyl ether	0.0014	U	0.0014	0.00073	mg/Kg	☼	10/06/25 10:03	10/08/25 11:49	1
Methylcyclohexane	0.0014	U	0.0014	0.00071	mg/Kg	☼	10/06/25 10:03	10/08/25 11:49	1
Methylene Chloride	0.0028	U	0.0028	0.0016	mg/Kg	☼	10/06/25 10:03	10/08/25 11:49	1
m-Xylene & p-Xylene	0.0014	U	0.0014	0.00060	mg/Kg	☼	10/06/25 10:03	10/08/25 11:49	1
n-Butylbenzene	0.0014	U	0.0014	0.00042	mg/Kg	☼	10/06/25 10:03	10/08/25 11:49	1
N-Propylbenzene	0.0014	U	0.0014	0.00064	mg/Kg	☼	10/06/25 10:03	10/08/25 11:49	1
o-Xylene	0.0014	U	0.0014	0.00066	mg/Kg	☼	10/06/25 10:03	10/08/25 11:49	1
sec-Butylbenzene	0.0014	U	0.0014	0.00041	mg/Kg	☼	10/06/25 10:03	10/08/25 11:49	1
Styrene	0.0014	U	0.0014	0.00040	mg/Kg	☼	10/06/25 10:03	10/08/25 11:49	1

Client Sample ID: 1B1_6-7

Date Collected: 10/03/25 11:40
Date Received: 10/03/25 16:15

Lab Sample ID: 460-336467-45

Matrix: Solid
Percent Solids: 95.3

Method: SW846 8260D - Volatile Organic Compounds by GC/MS (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
tert-Butylbenzene	0.0014	U	0.0014	0.00039	mg/Kg	☼	10/06/25 10:03	10/08/25 11:49	1
Tetrachloroethene	0.0014	U	0.0014	0.00043	mg/Kg	☼	10/06/25 10:03	10/08/25 11:49	1
Toluene	0.0014	U	0.0014	0.00033	mg/Kg	☼	10/06/25 10:03	10/08/25 11:49	1
trans-1,2-Dichloroethene	0.0014	U	0.0014	0.00035	mg/Kg	☼	10/06/25 10:03	10/08/25 11:49	1
trans-1,3-Dichloropropene	0.0014	U	0.0014	0.00038	mg/Kg	☼	10/06/25 10:03	10/08/25 11:49	1
Trichloroethene	0.0014	U	0.0014	0.00046	mg/Kg	☼	10/06/25 10:03	10/08/25 11:49	1
Trichlorofluoromethane	0.0014	U	0.0014	0.00058	mg/Kg	☼	10/06/25 10:03	10/08/25 11:49	1
Vinyl chloride	0.0014	U	0.0014	0.00078	mg/Kg	☼	10/06/25 10:03	10/08/25 11:49	1
Xylenes, Total	0.0028	U	0.0028	0.00025	mg/Kg	☼	10/06/25 10:03	10/08/25 11:49	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,2-Dichloroethane-d4 (Surr)	*96*		*65 - 138*	*10/06/25 10:03*	*10/08/25 11:49*	*1*
4-Bromofluorobenzene	*98*		*71 - 128*	*10/06/25 10:03*	*10/08/25 11:49*	*1*
Dibromofluoromethane (Surr)	*99*		*50 - 150*	*10/06/25 10:03*	*10/08/25 11:49*	*1*
Toluene-d8 (Surr)	*102*		*71 - 126*	*10/06/25 10:03*	*10/08/25 11:49*	*1*

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Percent Moisture (EPA Moisture)	**4.7**		1.0	1.0	%			10/09/25 15:54	1
Percent Solids (EPA Moisture)	**95.3**		1.0	1.0	%			10/09/25 15:54	1

Client Sample ID: 1B2_8-9

Date Collected: 10/03/25 11:45
Date Received: 10/03/25 16:15

Lab Sample ID: 460-336467-46

Matrix: Solid
Percent Solids: 99.6

Method: SW846 8260D - Volatile Organic Compounds by GC/MS

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1-Trichloroethane	0.0010	U	0.0010	0.00024	mg/Kg	☼	10/06/25 10:24	10/08/25 12:14	1
1,1,2,2-Tetrachloroethane	0.0010	U	0.0010	0.00053	mg/Kg	☼	10/06/25 10:24	10/08/25 12:14	1
1,1,2-Trichloro-1,2,2-trifluoroethane	0.0010	U	0.0010	0.00031	mg/Kg	☼	10/06/25 10:24	10/08/25 12:14	1
1,1,2-Trichloroethane	0.0010	U	0.0010	0.00061	mg/Kg	☼	10/06/25 10:24	10/08/25 12:14	1
1,1-Dichloroethane	0.0010	U	0.0010	0.00061	mg/Kg	☼	10/06/25 10:24	10/08/25 12:14	1
1,1-Dichloroethene	0.0010	U	0.0010	0.00023	mg/Kg	☼	10/06/25 10:24	10/08/25 12:14	1
1,2,3-Trichlorobenzene	0.0010	U	0.0010	0.00075	mg/Kg	☼	10/06/25 10:24	10/08/25 12:14	1
1,2,4-Trichlorobenzene	0.0010	U	0.0010	0.00036	mg/Kg	☼	10/06/25 10:24	10/08/25 12:14	1
1,2,4-Trimethylbenzene	0.0010	U	0.0010	0.00025	mg/Kg	☼	10/06/25 10:24	10/08/25 12:14	1
1,2-Dibromo-3-Chloropropane	0.0010	U	0.0010	0.00047	mg/Kg	☼	10/06/25 10:24	10/08/25 12:14	1
1,2-Dichlorobenzene	0.0010	U	0.0010	0.00037	mg/Kg	☼	10/06/25 10:24	10/08/25 12:14	1
1,2-Dichloroethane	0.0010	U	0.0010	0.00030	mg/Kg	☼	10/06/25 10:24	10/08/25 12:14	1
1,2-Dichloropropane	0.0010	U	0.0010	0.00043	mg/Kg	☼	10/06/25 10:24	10/08/25 12:14	1
1,3,5-Trimethylbenzene	0.0010	U	0.0010	0.00032	mg/Kg	☼	10/06/25 10:24	10/08/25 12:14	1
1,3-Dichlorobenzene	0.0010	U	0.0010	0.00037	mg/Kg	☼	10/06/25 10:24	10/08/25 12:14	1
1,4-Dichlorobenzene	0.0010	U	0.0010	0.00053	mg/Kg	☼	10/06/25 10:24	10/08/25 12:14	1
2-Butanone (MEK)	0.0051	U	0.0051	0.00038	mg/Kg	☼	10/06/25 10:24	10/08/25 12:14	1
2-Hexanone	0.0051	U	0.0051	0.0017	mg/Kg	☼	10/06/25 10:24	10/08/25 12:14	1
4-Methyl-2-pentanone (MIBK)	0.0051	U	0.0051	0.0016	mg/Kg	☼	10/06/25 10:24	10/08/25 12:14	1
Acetone	**0.020**		0.0061	0.0058	mg/Kg	☼	10/06/25 10:24	10/08/25 12:14	1
Benzene	0.0010	U	0.0010	0.00058	mg/Kg	☼	10/06/25 10:24	10/08/25 12:14	1
Bromoform	0.0010	U	0.0010	0.00043	mg/Kg	☼	10/06/25 10:24	10/08/25 12:14	1
Bromomethane	0.0020	U	0.0020	0.0010	mg/Kg	☼	10/06/25 10:24	10/08/25 12:14	1

Client Sample ID: 1B2_8-9
Date Collected: 10/03/25 11:45
Date Received: 10/03/25 16:15

Lab Sample ID: 460-336467-46
Matrix: Solid
Percent Solids: 99.6

Method: SW846 8260D - Volatile Organic Compounds by GC/MS (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Carbon disulfide	0.0010	U	0.0010	0.00027	mg/Kg	☼	10/06/25 10:24	10/08/25 12:14	1
Carbon tetrachloride	0.0010	U	0.0010	0.00039	mg/Kg	☼	10/06/25 10:24	10/08/25 12:14	1
Chlorobenzene	0.0010	U	0.0010	0.00052	mg/Kg	☼	10/06/25 10:24	10/08/25 12:14	1
Chlorobromomethane	0.0010	U	0.0010	0.00061	mg/Kg	☼	10/06/25 10:24	10/08/25 12:14	1
Chlorodibromomethane	0.0010	U	0.0010	0.00055	mg/Kg	☼	10/06/25 10:24	10/08/25 12:14	1
Chloroethane	0.0010	U *	0.0010	0.00053	mg/Kg	☼	10/06/25 10:24	10/08/25 12:14	1
Chloroform	0.0010	U	0.0010	0.00099	mg/Kg	☼	10/06/25 10:24	10/08/25 12:14	1
Chloromethane	0.0010	U	0.0010	0.00044	mg/Kg	☼	10/06/25 10:24	10/08/25 12:14	1
cis-1,2-Dichloroethene	0.0010	U	0.0010	0.00036	mg/Kg	☼	10/06/25 10:24	10/08/25 12:14	1
cis-1,3-Dichloropropene	0.0010	U	0.0010	0.00028	mg/Kg	☼	10/06/25 10:24	10/08/25 12:14	1
Cyclohexane	0.0010	U	0.0010	0.00023	mg/Kg	☼	10/06/25 10:24	10/08/25 12:14	1
Dichlorobromomethane	0.0010	U	0.0010	0.00026	mg/Kg	☼	10/06/25 10:24	10/08/25 12:14	1
Dichlorodifluoromethane	0.0010	U *	0.0010	0.00034	mg/Kg	☼	10/06/25 10:24	10/08/25 12:14	1
Ethylbenzene	0.0010	U	0.0010	0.00048	mg/Kg	☼	10/06/25 10:24	10/08/25 12:14	1
Ethylene Dibromide	0.0010	U	0.0010	0.00051	mg/Kg	☼	10/06/25 10:24	10/08/25 12:14	1
Isopropylbenzene	0.0010	U	0.0010	0.00029	mg/Kg	☼	10/06/25 10:24	10/08/25 12:14	1
Methyl acetate	0.0051	U	0.0051	0.0044	mg/Kg	☼	10/06/25 10:24	10/08/25 12:14	1
Methyl tert-butyl ether	0.0010	U	0.0010	0.00052	mg/Kg	☼	10/06/25 10:24	10/08/25 12:14	1
Methylcyclohexane	0.0010	U	0.0010	0.00051	mg/Kg	☼	10/06/25 10:24	10/08/25 12:14	1
Methylene Chloride	0.0020	U	0.0020	0.0012	mg/Kg	☼	10/06/25 10:24	10/08/25 12:14	1
m-Xylene & p-Xylene	0.0010	U	0.0010	0.00043	mg/Kg	☼	10/06/25 10:24	10/08/25 12:14	1
n-Butylbenzene	0.0010	U	0.0010	0.00030	mg/Kg	☼	10/06/25 10:24	10/08/25 12:14	1
N-Propylbenzene	0.0010	U	0.0010	0.00046	mg/Kg	☼	10/06/25 10:24	10/08/25 12:14	1
o-Xylene	0.0010	U	0.0010	0.00047	mg/Kg	☼	10/06/25 10:24	10/08/25 12:14	1
sec-Butylbenzene	0.0010	U	0.0010	0.00029	mg/Kg	☼	10/06/25 10:24	10/08/25 12:14	1
Styrene	0.0010	U	0.0010	0.00028	mg/Kg	☼	10/06/25 10:24	10/08/25 12:14	1
tert-Butylbenzene	0.0010	U	0.0010	0.00028	mg/Kg	☼	10/06/25 10:24	10/08/25 12:14	1
Tetrachloroethene	0.0010	U	0.0010	0.00031	mg/Kg	☼	10/06/25 10:24	10/08/25 12:14	1
Toluene	**0.00045**	**J**	0.0010	0.00024	mg/Kg	☼	10/06/25 10:24	10/08/25 12:14	1
trans-1,2-Dichloroethene	0.0010	U	0.0010	0.00025	mg/Kg	☼	10/06/25 10:24	10/08/25 12:14	1
trans-1,3-Dichloropropene	0.0010	U	0.0010	0.00027	mg/Kg	☼	10/06/25 10:24	10/08/25 12:14	1
Trichloroethene	0.0010	U	0.0010	0.00033	mg/Kg	☼	10/06/25 10:24	10/08/25 12:14	1
Trichlorofluoromethane	0.0010	U	0.0010	0.00041	mg/Kg	☼	10/06/25 10:24	10/08/25 12:14	1
Vinyl chloride	0.0010	U	0.0010	0.00056	mg/Kg	☼	10/06/25 10:24	10/08/25 12:14	1
Xylenes, Total	0.0020	U	0.0020	0.00018	mg/Kg	☼	10/06/25 10:24	10/08/25 12:14	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,2-Dichloroethane-d4 (Surr)	*96*		*65 - 138*	*10/06/25 10:24*	*10/08/25 12:14*	*1*
4-Bromofluorobenzene	*103*		*71 - 128*	*10/06/25 10:24*	*10/08/25 12:14*	*1*
Dibromofluoromethane (Surr)	*100*		*50 - 150*	*10/06/25 10:24*	*10/08/25 12:14*	*1*
Toluene-d8 (Surr)	*104*		*71 - 126*	*10/06/25 10:24*	*10/08/25 12:14*	*1*

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Percent Moisture (EPA Moisture)	1.0	U	1.0	1.0	%			10/09/25 15:54	1
Percent Solids (EPA Moisture)	**99.6**		1.0	1.0	%			10/09/25 15:54	1

Client Sample ID: 1B3_9-10
Date Collected: 10/03/25 11:50
Date Received: 10/03/25 16:15

Lab Sample ID: 460-336467-47
Matrix: Solid
Percent Solids: 96.0

Method: SW846 8260D - Volatile Organic Compounds by GC/MS

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1-Trichloroethane	0.00096	U	0.00096	0.00022	mg/Kg	☼	10/06/25 10:24	10/08/25 12:38	1
1,1,2,2-Tetrachloroethane	0.00096	U	0.00096	0.00050	mg/Kg	☼	10/06/25 10:24	10/08/25 12:38	1
1,1,2-Trichloro-1,2,2-trifluoroethane	0.00096	U	0.00096	0.00029	mg/Kg	☼	10/06/25 10:24	10/08/25 12:38	1
1,1,2-Trichloroethane	0.00096	U	0.00096	0.00058	mg/Kg	☼	10/06/25 10:24	10/08/25 12:38	1
1,1-Dichloroethane	0.00096	U	0.00096	0.00057	mg/Kg	☼	10/06/25 10:24	10/08/25 12:38	1
1,1-Dichloroethene	0.00096	U	0.00096	0.00022	mg/Kg	☼	10/06/25 10:24	10/08/25 12:38	1
1,2,3-Trichlorobenzene	0.00096	U	0.00096	0.00071	mg/Kg	☼	10/06/25 10:24	10/08/25 12:38	1
1,2,4-Trichlorobenzene	0.00096	U	0.00096	0.00034	mg/Kg	☼	10/06/25 10:24	10/08/25 12:38	1
1,2,4-Trimethylbenzene	0.00096	U	0.00096	0.00024	mg/Kg	☼	10/06/25 10:24	10/08/25 12:38	1
1,2-Dibromo-3-Chloropropane	0.00096	U	0.00096	0.00044	mg/Kg	☼	10/06/25 10:24	10/08/25 12:38	1
1,2-Dichlorobenzene	0.00096	U	0.00096	0.00035	mg/Kg	☼	10/06/25 10:24	10/08/25 12:38	1
1,2-Dichloroethane	0.00096	U	0.00096	0.00028	mg/Kg	☼	10/06/25 10:24	10/08/25 12:38	1
1,2-Dichloropropane	0.00096	U	0.00096	0.00040	mg/Kg	☼	10/06/25 10:24	10/08/25 12:38	1
1,3,5-Trimethylbenzene	0.00096	U	0.00096	0.00030	mg/Kg	☼	10/06/25 10:24	10/08/25 12:38	1
1,3-Dichlorobenzene	0.00096	U	0.00096	0.00035	mg/Kg	☼	10/06/25 10:24	10/08/25 12:38	1
1,4-Dichlorobenzene	0.00096	U	0.00096	0.00050	mg/Kg	☼	10/06/25 10:24	10/08/25 12:38	1
2-Butanone (MEK)	0.0048	U	0.0048	0.00035	mg/Kg	☼	10/06/25 10:24	10/08/25 12:38	1
2-Hexanone	0.0048	U	0.0048	0.0016	mg/Kg	☼	10/06/25 10:24	10/08/25 12:38	1
4-Methyl-2-pentanone (MIBK)	0.0048	U	0.0048	0.0015	mg/Kg	☼	10/06/25 10:24	10/08/25 12:38	1
Acetone	**0.018**		0.0057	0.0055	mg/Kg	☼	10/06/25 10:24	10/08/25 12:38	1
Benzene	0.00096	U	0.00096	0.00054	mg/Kg	☼	10/06/25 10:24	10/08/25 12:38	1
Bromoform	0.00096	U	0.00096	0.00041	mg/Kg	☼	10/06/25 10:24	10/08/25 12:38	1
Bromomethane	0.0019	U	0.0019	0.00096	mg/Kg	☼	10/06/25 10:24	10/08/25 12:38	1
Carbon disulfide	0.00096	U	0.00096	0.00025	mg/Kg	☼	10/06/25 10:24	10/08/25 12:38	1
Carbon tetrachloride	0.00096	U	0.00096	0.00037	mg/Kg	☼	10/06/25 10:24	10/08/25 12:38	1
Chlorobenzene	0.00096	U	0.00096	0.00049	mg/Kg	☼	10/06/25 10:24	10/08/25 12:38	1
Chlorobromomethane	0.00096	U	0.00096	0.00057	mg/Kg	☼	10/06/25 10:24	10/08/25 12:38	1
Chlorodibromomethane	0.00096	U	0.00096	0.00051	mg/Kg	☼	10/06/25 10:24	10/08/25 12:38	1
Chloroethane	0.00096	U *	0.00096	0.00050	mg/Kg	☼	10/06/25 10:24	10/08/25 12:38	1
Chloroform	0.00096	U	0.00096	0.00093	mg/Kg	☼	10/06/25 10:24	10/08/25 12:38	1
Chloromethane	0.00096	U	0.00096	0.00042	mg/Kg	☼	10/06/25 10:24	10/08/25 12:38	1
cis-1,2-Dichloroethene	0.00096	U	0.00096	0.00034	mg/Kg	☼	10/06/25 10:24	10/08/25 12:38	1
cis-1,3-Dichloropropene	0.00096	U	0.00096	0.00026	mg/Kg	☼	10/06/25 10:24	10/08/25 12:38	1
Cyclohexane	0.00096	U	0.00096	0.00021	mg/Kg	☼	10/06/25 10:24	10/08/25 12:38	1
Dichlorobromomethane	0.00096	U	0.00096	0.00025	mg/Kg	☼	10/06/25 10:24	10/08/25 12:38	1
Dichlorodifluoromethane	0.00096	U *	0.00096	0.00032	mg/Kg	☼	10/06/25 10:24	10/08/25 12:38	1
Ethylbenzene	0.00096	U	0.00096	0.00045	mg/Kg	☼	10/06/25 10:24	10/08/25 12:38	1
Ethylene Dibromide	0.00096	U	0.00096	0.00048	mg/Kg	☼	10/06/25 10:24	10/08/25 12:38	1
Isopropylbenzene	0.00096	U	0.00096	0.00027	mg/Kg	☼	10/06/25 10:24	10/08/25 12:38	1
Methyl acetate	0.0048	U	0.0048	0.0041	mg/Kg	☼	10/06/25 10:24	10/08/25 12:38	1
Methyl tert-butyl ether	0.00096	U	0.00096	0.00049	mg/Kg	☼	10/06/25 10:24	10/08/25 12:38	1
Methylcyclohexane	0.00096	U	0.00096	0.00048	mg/Kg	☼	10/06/25 10:24	10/08/25 12:38	1
Methylene Chloride	0.0019	U	0.0019	0.0011	mg/Kg	☼	10/06/25 10:24	10/08/25 12:38	1
m-Xylene & p-Xylene	0.00096	U	0.00096	0.00040	mg/Kg	☼	10/06/25 10:24	10/08/25 12:38	1
n-Butylbenzene	0.00096	U	0.00096	0.00028	mg/Kg	☼	10/06/25 10:24	10/08/25 12:38	1
N-Propylbenzene	0.00096	U	0.00096	0.00043	mg/Kg	☼	10/06/25 10:24	10/08/25 12:38	1
o-Xylene	0.00096	U	0.00096	0.00044	mg/Kg	☼	10/06/25 10:24	10/08/25 12:38	1
sec-Butylbenzene	0.00096	U	0.00096	0.00028	mg/Kg	☼	10/06/25 10:24	10/08/25 12:38	1
Styrene	0.00096	U	0.00096	0.00027	mg/Kg	☼	10/06/25 10:24	10/08/25 12:38	1

Client Sample ID: 1B3_9-10

Lab Sample ID: 460-336467-47

Date Collected: 10/03/25 11:50
Matrix: Solid
Date Received: 10/03/25 16:15
Percent Solids: 96.0

Method: SW846 8260D - Volatile Organic Compounds by GC/MS (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
tert-Butylbenzene	0.00096	U	0.00096	0.00026	mg/Kg	☼	10/06/25 10:24	10/08/25 12:38	1
Tetrachloroethene	0.00096	U	0.00096	0.00029	mg/Kg	☼	10/06/25 10:24	10/08/25 12:38	1
Toluene	0.00096	U	0.00096	0.00022	mg/Kg	☼	10/06/25 10:24	10/08/25 12:38	1
trans-1,2-Dichloroethene	0.00096	U	0.00096	0.00024	mg/Kg	☼	10/06/25 10:24	10/08/25 12:38	1
trans-1,3-Dichloropropene	0.00096	U	0.00096	0.00025	mg/Kg	☼	10/06/25 10:24	10/08/25 12:38	1
Trichloroethene	0.00096	U	0.00096	0.00031	mg/Kg	☼	10/06/25 10:24	10/08/25 12:38	1
Trichlorofluoromethane	0.00096	U	0.00096	0.00039	mg/Kg	☼	10/06/25 10:24	10/08/25 12:38	1
Vinyl chloride	0.00096	U	0.00096	0.00052	mg/Kg	☼	10/06/25 10:24	10/08/25 12:38	1
Xylenes, Total	0.0019	U	0.0019	0.00017	mg/Kg	☼	10/06/25 10:24	10/08/25 12:38	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,2-Dichloroethane-d4 (Surr)	*96*		*65 - 138*	*10/06/25 10:24*	*10/08/25 12:38*	*1*
4-Bromofluorobenzene	*97*		*71 - 128*	*10/06/25 10:24*	*10/08/25 12:38*	*1*
Dibromofluoromethane (Surr)	*99*		*50 - 150*	*10/06/25 10:24*	*10/08/25 12:38*	*1*
Toluene-d8 (Surr)	*101*		*71 - 126*	*10/06/25 10:24*	*10/08/25 12:38*	*1*

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Percent Moisture (EPA Moisture)	**4.0**		1.0	1.0	%			10/09/25 15:54	1
Percent Solids (EPA Moisture)	**96.0**		1.0	1.0	%			10/09/25 15:54	1

Client Sample ID: 1B1_10-11

Lab Sample ID: 460-336467-48

Date Collected: 10/03/25 11:55
Matrix: Solid
Date Received: 10/03/25 16:15
Percent Solids: 99.5

Method: SW846 8260D - Volatile Organic Compounds by GC/MS

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1-Trichloroethane	0.0011	U	0.0011	0.00026	mg/Kg	☼	10/06/25 10:24	10/08/25 13:11	1
1,1,2,2-Tetrachloroethane	0.0011	U	0.0011	0.00057	mg/Kg	☼	10/06/25 10:24	10/08/25 13:11	1
1,1,2-Trichloro-1,2,2-trifluoroethane	0.0011	U	0.0011	0.00033	mg/Kg	☼	10/06/25 10:24	10/08/25 13:11	1
1,1,2-Trichloroethane	0.0011	U	0.0011	0.00066	mg/Kg	☼	10/06/25 10:24	10/08/25 13:11	1
1,1-Dichloroethane	0.0011	U	0.0011	0.00066	mg/Kg	☼	10/06/25 10:24	10/08/25 13:11	1
1,1-Dichloroethene	0.0011	U	0.0011	0.00025	mg/Kg	☼	10/06/25 10:24	10/08/25 13:11	1
1,2,3-Trichlorobenzene	0.0011	U	0.0011	0.00081	mg/Kg	☼	10/06/25 10:24	10/08/25 13:11	1
1,2,4-Trichlorobenzene	0.0011	U	0.0011	0.00039	mg/Kg	☼	10/06/25 10:24	10/08/25 13:11	1
1,2,4-Trimethylbenzene	0.0011	U	0.0011	0.00027	mg/Kg	☼	10/06/25 10:24	10/08/25 13:11	1
1,2-Dibromo-3-Chloropropane	0.0011	U	0.0011	0.00050	mg/Kg	☼	10/06/25 10:24	10/08/25 13:11	1
1,2-Dichlorobenzene	0.0011	U	0.0011	0.00040	mg/Kg	☼	10/06/25 10:24	10/08/25 13:11	1
1,2-Dichloroethane	0.0011	U	0.0011	0.00032	mg/Kg	☼	10/06/25 10:24	10/08/25 13:11	1
1,2-Dichloropropane	0.0011	U	0.0011	0.00046	mg/Kg	☼	10/06/25 10:24	10/08/25 13:11	1
1,3,5-Trimethylbenzene	0.0011	U	0.0011	0.00034	mg/Kg	☼	10/06/25 10:24	10/08/25 13:11	1
1,3-Dichlorobenzene	0.0011	U	0.0011	0.00040	mg/Kg	☼	10/06/25 10:24	10/08/25 13:11	1
1,4-Dichlorobenzene	0.0011	U	0.0011	0.00057	mg/Kg	☼	10/06/25 10:24	10/08/25 13:11	1
2-Butanone (MEK)	0.0055	U	0.0055	0.00040	mg/Kg	☼	10/06/25 10:24	10/08/25 13:11	1
2-Hexanone	0.0055	U	0.0055	0.0019	mg/Kg	☼	10/06/25 10:24	10/08/25 13:11	1
4-Methyl-2-pentanone (MIBK)	0.0055	U	0.0055	0.0017	mg/Kg	☼	10/06/25 10:24	10/08/25 13:11	1
Acetone	**0.063**		0.0066	0.0063	mg/Kg	☼	10/06/25 10:24	10/08/25 13:11	1
Benzene	0.0011	U	0.0011	0.00062	mg/Kg	☼	10/06/25 10:24	10/08/25 13:11	1
Bromoform	0.0011	U	0.0011	0.00047	mg/Kg	☼	10/06/25 10:24	10/08/25 13:11	1
Bromomethane	0.0022	U	0.0022	0.0011	mg/Kg	☼	10/06/25 10:24	10/08/25 13:11	1

Client Sample ID: 1B1_10-11
Date Collected: 10/03/25 11:55
Date Received: 10/03/25 16:15

Lab Sample ID: 460-336467-48
Matrix: Solid
Percent Solids: 99.5

Method: SW846 8260D - Volatile Organic Compounds by GC/MS (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Carbon disulfide	0.0011	U	0.0011	0.00029	mg/Kg	☼	10/06/25 10:24	10/08/25 13:11	1
Carbon tetrachloride	0.0011	U	0.0011	0.00042	mg/Kg	☼	10/06/25 10:24	10/08/25 13:11	1
Chlorobenzene	0.0011	U	0.0011	0.00056	mg/Kg	☼	10/06/25 10:24	10/08/25 13:11	1
Chlorobromomethane	0.0011	U	0.0011	0.00065	mg/Kg	☼	10/06/25 10:24	10/08/25 13:11	1
Chlorodibromomethane	0.0011	U	0.0011	0.00059	mg/Kg	☼	10/06/25 10:24	10/08/25 13:11	1
Chloroethane	0.0011	U *	0.0011	0.00057	mg/Kg	☼	10/06/25 10:24	10/08/25 13:11	1
Chloroform	0.0011	U	0.0011	0.0011	mg/Kg	☼	10/06/25 10:24	10/08/25 13:11	1
Chloromethane	0.0011	U	0.0011	0.00048	mg/Kg	☼	10/06/25 10:24	10/08/25 13:11	1
cis-1,2-Dichloroethene	0.0011	U	0.0011	0.00039	mg/Kg	☼	10/06/25 10:24	10/08/25 13:11	1
cis-1,3-Dichloropropene	0.0011	U	0.0011	0.00030	mg/Kg	☼	10/06/25 10:24	10/08/25 13:11	1
Cyclohexane	0.0011	U	0.0011	0.00024	mg/Kg	☼	10/06/25 10:24	10/08/25 13:11	1
Dichlorobromomethane	0.0011	U	0.0011	0.00028	mg/Kg	☼	10/06/25 10:24	10/08/25 13:11	1
Dichlorodifluoromethane	0.0011	U *	0.0011	0.00037	mg/Kg	☼	10/06/25 10:24	10/08/25 13:11	1
Ethylbenzene	0.0011	U	0.0011	0.00051	mg/Kg	☼	10/06/25 10:24	10/08/25 13:11	1
Ethylene Dibromide	0.0011	U	0.0011	0.00055	mg/Kg	☼	10/06/25 10:24	10/08/25 13:11	1
Isopropylbenzene	0.0011	U	0.0011	0.00031	mg/Kg	☼	10/06/25 10:24	10/08/25 13:11	1
Methyl acetate	0.0055	U	0.0055	0.0047	mg/Kg	☼	10/06/25 10:24	10/08/25 13:11	1
Methyl tert-butyl ether	0.0011	U	0.0011	0.00056	mg/Kg	☼	10/06/25 10:24	10/08/25 13:11	1
Methylcyclohexane	0.0011	U	0.0011	0.00055	mg/Kg	☼	10/06/25 10:24	10/08/25 13:11	1
Methylene Chloride	0.0022	U	0.0022	0.0013	mg/Kg	☼	10/06/25 10:24	10/08/25 13:11	1
m-Xylene & p-Xylene	0.0011	U	0.0011	0.00046	mg/Kg	☼	10/06/25 10:24	10/08/25 13:11	1
n-Butylbenzene	0.0011	U	0.0011	0.00032	mg/Kg	☼	10/06/25 10:24	10/08/25 13:11	1
N-Propylbenzene	0.0011	U	0.0011	0.00049	mg/Kg	☼	10/06/25 10:24	10/08/25 13:11	1
o-Xylene	0.0011	U	0.0011	0.00051	mg/Kg	☼	10/06/25 10:24	10/08/25 13:11	1
sec-Butylbenzene	0.0011	U	0.0011	0.00032	mg/Kg	☼	10/06/25 10:24	10/08/25 13:11	1
Styrene	0.0011	U	0.0011	0.00031	mg/Kg	☼	10/06/25 10:24	10/08/25 13:11	1
tert-Butylbenzene	0.0011	U	0.0011	0.00030	mg/Kg	☼	10/06/25 10:24	10/08/25 13:11	1
Tetrachloroethene	0.0011	U	0.0011	0.00033	mg/Kg	☼	10/06/25 10:24	10/08/25 13:11	1
Toluene	**0.0013**		0.0011	0.00026	mg/Kg	☼	10/06/25 10:24	10/08/25 13:11	1
trans-1,2-Dichloroethene	0.0011	U	0.0011	0.00027	mg/Kg	☼	10/06/25 10:24	10/08/25 13:11	1
trans-1,3-Dichloropropene	0.0011	U	0.0011	0.00029	mg/Kg	☼	10/06/25 10:24	10/08/25 13:11	1
Trichloroethene	0.0011	U	0.0011	0.00035	mg/Kg	☼	10/06/25 10:24	10/08/25 13:11	1
Trichlorofluoromethane	0.0011	U	0.0011	0.00045	mg/Kg	☼	10/06/25 10:24	10/08/25 13:11	1
Vinyl chloride	0.0011	U	0.0011	0.00060	mg/Kg	☼	10/06/25 10:24	10/08/25 13:11	1
Xylenes, Total	0.0022	U	0.0022	0.00019	mg/Kg	☼	10/06/25 10:24	10/08/25 13:11	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,2-Dichloroethane-d4 (Surr)	*96*		*65 - 138*	*10/06/25 10:24*	*10/08/25 13:11*	*1*
4-Bromofluorobenzene	*94*		*71 - 128*	*10/06/25 10:24*	*10/08/25 13:11*	*1*
Dibromofluoromethane (Surr)	*99*		*50 - 150*	*10/06/25 10:24*	*10/08/25 13:11*	*1*
Toluene-d8 (Surr)	*100*		*71 - 126*	*10/06/25 10:24*	*10/08/25 13:11*	*1*

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Percent Moisture (EPA Moisture)	1.0	U	1.0	1.0	%			10/09/25 15:54	1
Percent Solids (EPA Moisture)	**99.5**		1.0	1.0	%			10/09/25 15:54	1

Client Sample ID: 1C1_2-3
Date Collected: 10/03/25 12:00
Date Received: 10/03/25 16:15

Lab Sample ID: 460-336467-49
Matrix: Solid
Percent Solids: 99.8

Method: SW846 8260D - Volatile Organic Compounds by GC/MS

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1-Trichloroethane	0.0013	U	0.0013	0.00031	mg/Kg	☼	10/06/25 10:25	10/08/25 13:35	1
1,1,2,2-Tetrachloroethane	0.0013	U	0.0013	0.00069	mg/Kg	☼	10/06/25 10:25	10/08/25 13:35	1
1,1,2-Trichloro-1,2,2-trifluoroethane	0.0013	U	0.0013	0.00040	mg/Kg	☼	10/06/25 10:25	10/08/25 13:35	1
1,1,2-Trichloroethane	0.0013	U	0.0013	0.00079	mg/Kg	☼	10/06/25 10:25	10/08/25 13:35	1
1,1-Dichloroethane	0.0013	U	0.0013	0.00079	mg/Kg	☼	10/06/25 10:25	10/08/25 13:35	1
1,1-Dichloroethene	0.0013	U	0.0013	0.00030	mg/Kg	☼	10/06/25 10:25	10/08/25 13:35	1
1,2,3-Trichlorobenzene	0.0013	U	0.0013	0.00097	mg/Kg	☼	10/06/25 10:25	10/08/25 13:35	1
1,2,4-Trichlorobenzene	0.0013	U	0.0013	0.00047	mg/Kg	☼	10/06/25 10:25	10/08/25 13:35	1
1,2,4-Trimethylbenzene	0.0013	U	0.0013	0.00032	mg/Kg	☼	10/06/25 10:25	10/08/25 13:35	1
1,2-Dibromo-3-Chloropropane	0.0013	U	0.0013	0.00061	mg/Kg	☼	10/06/25 10:25	10/08/25 13:35	1
1,2-Dichlorobenzene	0.0013	U	0.0013	0.00048	mg/Kg	☼	10/06/25 10:25	10/08/25 13:35	1
1,2-Dichloroethane	0.0013	U	0.0013	0.00039	mg/Kg	☼	10/06/25 10:25	10/08/25 13:35	1
1,2-Dichloropropane	0.0013	U	0.0013	0.00056	mg/Kg	☼	10/06/25 10:25	10/08/25 13:35	1
1,3,5-Trimethylbenzene	0.0013	U	0.0013	0.00041	mg/Kg	☼	10/06/25 10:25	10/08/25 13:35	1
1,3-Dichlorobenzene	0.0013	U	0.0013	0.00048	mg/Kg	☼	10/06/25 10:25	10/08/25 13:35	1
1,4-Dichlorobenzene	0.0013	U	0.0013	0.00068	mg/Kg	☼	10/06/25 10:25	10/08/25 13:35	1
2-Butanone (MEK)	0.0066	U	0.0066	0.00048	mg/Kg	☼	10/06/25 10:25	10/08/25 13:35	1
2-Hexanone	0.0066	U	0.0066	0.0023	mg/Kg	☼	10/06/25 10:25	10/08/25 13:35	1
4-Methyl-2-pentanone (MIBK)	0.0066	U	0.0066	0.0020	mg/Kg	☼	10/06/25 10:25	10/08/25 13:35	1
Acetone	**0.12**		0.0079	0.0075	mg/Kg	☼	10/06/25 10:25	10/08/25 13:35	1
Benzene	0.0013	U	0.0013	0.00075	mg/Kg	☼	10/06/25 10:25	10/08/25 13:35	1
Bromoform	0.0013	U	0.0013	0.00056	mg/Kg	☼	10/06/25 10:25	10/08/25 13:35	1
Bromomethane	0.0026	U	0.0026	0.0013	mg/Kg	☼	10/06/25 10:25	10/08/25 13:35	1
Carbon disulfide	0.0013	U	0.0013	0.00035	mg/Kg	☼	10/06/25 10:25	10/08/25 13:35	1
Carbon tetrachloride	0.0013	U	0.0013	0.00051	mg/Kg	☼	10/06/25 10:25	10/08/25 13:35	1
Chlorobenzene	0.0013	U	0.0013	0.00067	mg/Kg	☼	10/06/25 10:25	10/08/25 13:35	1
Chlorobromomethane	0.0013	U	0.0013	0.00078	mg/Kg	☼	10/06/25 10:25	10/08/25 13:35	1
Chlorodibromomethane	0.0013	U	0.0013	0.00071	mg/Kg	☼	10/06/25 10:25	10/08/25 13:35	1
Chloroethane	0.0013	U *	0.0013	0.00069	mg/Kg	☼	10/06/25 10:25	10/08/25 13:35	1
Chloroform	0.0013	U	0.0013	0.0013	mg/Kg	☼	10/06/25 10:25	10/08/25 13:35	1
Chloromethane	0.0013	U	0.0013	0.00057	mg/Kg	☼	10/06/25 10:25	10/08/25 13:35	1
cis-1,2-Dichloroethene	0.0013	U	0.0013	0.00047	mg/Kg	☼	10/06/25 10:25	10/08/25 13:35	1
cis-1,3-Dichloropropene	0.0013	U	0.0013	0.00036	mg/Kg	☼	10/06/25 10:25	10/08/25 13:35	1
Cyclohexane	0.0013	U	0.0013	0.00029	mg/Kg	☼	10/06/25 10:25	10/08/25 13:35	1
Dichlorobromomethane	0.0013	U	0.0013	0.00034	mg/Kg	☼	10/06/25 10:25	10/08/25 13:35	1
Dichlorodifluoromethane	0.0013	U *	0.0013	0.00044	mg/Kg	☼	10/06/25 10:25	10/08/25 13:35	1
Ethylbenzene	0.0013	U	0.0013	0.00062	mg/Kg	☼	10/06/25 10:25	10/08/25 13:35	1
Ethylene Dibromide	0.0013	U	0.0013	0.00066	mg/Kg	☼	10/06/25 10:25	10/08/25 13:35	1
Isopropylbenzene	0.0013	U	0.0013	0.00038	mg/Kg	☼	10/06/25 10:25	10/08/25 13:35	1
Methyl acetate	0.0066	U	0.0066	0.0057	mg/Kg	☼	10/06/25 10:25	10/08/25 13:35	1
Methyl tert-butyl ether	0.0013	U	0.0013	0.00067	mg/Kg	☼	10/06/25 10:25	10/08/25 13:35	1
Methylcyclohexane	0.0013	U	0.0013	0.00066	mg/Kg	☼	10/06/25 10:25	10/08/25 13:35	1
Methylene Chloride	0.0026	U	0.0026	0.0015	mg/Kg	☼	10/06/25 10:25	10/08/25 13:35	1
m-Xylene & p-Xylene	0.0013	U	0.0013	0.00056	mg/Kg	☼	10/06/25 10:25	10/08/25 13:35	1
n-Butylbenzene	0.0013	U	0.0013	0.00039	mg/Kg	☼	10/06/25 10:25	10/08/25 13:35	1
N-Propylbenzene	0.0013	U	0.0013	0.00059	mg/Kg	☼	10/06/25 10:25	10/08/25 13:35	1
o-Xylene	0.0013	U	0.0013	0.00061	mg/Kg	☼	10/06/25 10:25	10/08/25 13:35	1
sec-Butylbenzene	0.0013	U	0.0013	0.00038	mg/Kg	☼	10/06/25 10:25	10/08/25 13:35	1
Styrene	0.0013	U	0.0013	0.00037	mg/Kg	☼	10/06/25 10:25	10/08/25 13:35	1

Client Sample ID: 1C1_2-3

Date Collected: 10/03/25 12:00
Date Received: 10/03/25 16:15

Lab Sample ID: 460-336467-49

Matrix: Solid
Percent Solids: 99.8

Method: SW846 8260D - Volatile Organic Compounds by GC/MS (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
tert-Butylbenzene	0.0013	U	0.0013	0.00036	mg/Kg	☼	10/06/25 10:25	10/08/25 13:35	1
Tetrachloroethene	0.0013	U	0.0013	0.00040	mg/Kg	☼	10/06/25 10:25	10/08/25 13:35	1
Toluene	**0.00058**	**J**	0.0013	0.00031	mg/Kg	☼	10/06/25 10:25	10/08/25 13:35	1
trans-1,2-Dichloroethene	0.0013	U	0.0013	0.00032	mg/Kg	☼	10/06/25 10:25	10/08/25 13:35	1
trans-1,3-Dichloropropene	0.0013	U	0.0013	0.00035	mg/Kg	☼	10/06/25 10:25	10/08/25 13:35	1
Trichloroethene	0.0013	U	0.0013	0.00042	mg/Kg	☼	10/06/25 10:25	10/08/25 13:35	1
Trichlorofluoromethane	0.0013	U	0.0013	0.00053	mg/Kg	☼	10/06/25 10:25	10/08/25 13:35	1
Vinyl chloride	0.0013	U	0.0013	0.00072	mg/Kg	☼	10/06/25 10:25	10/08/25 13:35	1
Xylenes, Total	0.0026	U	0.0026	0.00023	mg/Kg	☼	10/06/25 10:25	10/08/25 13:35	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,2-Dichloroethane-d4 (Surr)	*98*		*65 - 138*	*10/06/25 10:25*	*10/08/25 13:35*	*1*
4-Bromofluorobenzene	*95*		*71 - 128*	*10/06/25 10:25*	*10/08/25 13:35*	*1*
Dibromofluoromethane (Surr)	*99*		*50 - 150*	*10/06/25 10:25*	*10/08/25 13:35*	*1*
Toluene-d8 (Surr)	*101*		*71 - 126*	*10/06/25 10:25*	*10/08/25 13:35*	*1*

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Percent Moisture (EPA Moisture)	1.0	U	1.0	1.0	%			10/09/25 15:54	1
Percent Solids (EPA Moisture)	**99.8**		1.0	1.0	%			10/09/25 15:54	1

Client Sample ID: 1C2_3-4

Date Collected: 10/03/25 12:05
Date Received: 10/03/25 16:15

Lab Sample ID: 460-336467-50

Matrix: Solid
Percent Solids: 97.4

Method: SW846 8260D - Volatile Organic Compounds by GC/MS

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1-Trichloroethane	0.00091	U	0.00091	0.00021	mg/Kg	☼	10/06/25 10:25	10/08/25 13:59	1
1,1,2,2-Tetrachloroethane	0.00091	U	0.00091	0.00047	mg/Kg	☼	10/06/25 10:25	10/08/25 13:59	1
1,1,2-Trichloro-1,2,2-trifluoroethane	0.00091	U	0.00091	0.00027	mg/Kg	☼	10/06/25 10:25	10/08/25 13:59	1
1,1,2-Trichloroethane	0.00091	U	0.00091	0.00055	mg/Kg	☼	10/06/25 10:25	10/08/25 13:59	1
1,1-Dichloroethane	0.00091	U	0.00091	0.00054	mg/Kg	☼	10/06/25 10:25	10/08/25 13:59	1
1,1-Dichloroethene	0.00091	U	0.00091	0.00020	mg/Kg	☼	10/06/25 10:25	10/08/25 13:59	1
1,2,3-Trichlorobenzene	0.00091	U	0.00091	0.00067	mg/Kg	☼	10/06/25 10:25	10/08/25 13:59	1
1,2,4-Trichlorobenzene	0.00091	U	0.00091	0.00033	mg/Kg	☼	10/06/25 10:25	10/08/25 13:59	1
1,2,4-Trimethylbenzene	0.00091	U	0.00091	0.00022	mg/Kg	☼	10/06/25 10:25	10/08/25 13:59	1
1,2-Dibromo-3-Chloropropane	0.00091	U	0.00091	0.00042	mg/Kg	☼	10/06/25 10:25	10/08/25 13:59	1
1,2-Dichlorobenzene	0.00091	U	0.00091	0.00033	mg/Kg	☼	10/06/25 10:25	10/08/25 13:59	1
1,2-Dichloroethane	0.00091	U	0.00091	0.00027	mg/Kg	☼	10/06/25 10:25	10/08/25 13:59	1
1,2-Dichloropropane	0.00091	U	0.00091	0.00038	mg/Kg	☼	10/06/25 10:25	10/08/25 13:59	1
1,3,5-Trimethylbenzene	0.00091	U	0.00091	0.00029	mg/Kg	☼	10/06/25 10:25	10/08/25 13:59	1
1,3-Dichlorobenzene	0.00091	U	0.00091	0.00033	mg/Kg	☼	10/06/25 10:25	10/08/25 13:59	1
1,4-Dichlorobenzene	0.00091	U	0.00091	0.00047	mg/Kg	☼	10/06/25 10:25	10/08/25 13:59	1
2-Butanone (MEK)	0.0045	U	0.0045	0.00033	mg/Kg	☼	10/06/25 10:25	10/08/25 13:59	1
2-Hexanone	0.0045	U	0.0045	0.0016	mg/Kg	☼	10/06/25 10:25	10/08/25 13:59	1
4-Methyl-2-pentanone (MIBK)	0.0045	U	0.0045	0.0014	mg/Kg	☼	10/06/25 10:25	10/08/25 13:59	1
Acetone	**0.022**		0.0055	0.0052	mg/Kg	☼	10/06/25 10:25	10/08/25 13:59	1
Benzene	0.00091	U	0.00091	0.00052	mg/Kg	☼	10/06/25 10:25	10/08/25 13:59	1
Bromoform	0.00091	U	0.00091	0.00039	mg/Kg	☼	10/06/25 10:25	10/08/25 13:59	1
Bromomethane	0.0018	U	0.0018	0.00091	mg/Kg	☼	10/06/25 10:25	10/08/25 13:59	1

Client Sample ID: 1C2_3-4
Date Collected: 10/03/25 12:05
Date Received: 10/03/25 16:15

Lab Sample ID: 460-336467-50
Matrix: Solid
Percent Solids: 97.4

Method: SW846 8260D - Volatile Organic Compounds by GC/MS (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Carbon disulfide	0.00091	U	0.00091	0.00024	mg/Kg	☼	10/06/25 10:25	10/08/25 13:59	1
Carbon tetrachloride	0.00091	U	0.00091	0.00035	mg/Kg	☼	10/06/25 10:25	10/08/25 13:59	1
Chlorobenzene	0.00091	U	0.00091	0.00046	mg/Kg	☼	10/06/25 10:25	10/08/25 13:59	1
Chlorobromomethane	0.00091	U	0.00091	0.00054	mg/Kg	☼	10/06/25 10:25	10/08/25 13:59	1
Chlorodibromomethane	0.00091	U	0.00091	0.00049	mg/Kg	☼	10/06/25 10:25	10/08/25 13:59	1
Chloroethane	0.00091	U *	0.00091	0.00047	mg/Kg	☼	10/06/25 10:25	10/08/25 13:59	1
Chloroform	0.00091	U	0.00091	0.00088	mg/Kg	☼	10/06/25 10:25	10/08/25 13:59	1
Chloromethane	0.00091	U	0.00091	0.00040	mg/Kg	☼	10/06/25 10:25	10/08/25 13:59	1
cis-1,2-Dichloroethene	0.00091	U	0.00091	0.00033	mg/Kg	☼	10/06/25 10:25	10/08/25 13:59	1
cis-1,3-Dichloropropene	0.00091	U	0.00091	0.00025	mg/Kg	☼	10/06/25 10:25	10/08/25 13:59	1
Cyclohexane	0.00091	U	0.00091	0.00020	mg/Kg	☼	10/06/25 10:25	10/08/25 13:59	1
Dichlorobromomethane	0.00091	U	0.00091	0.00023	mg/Kg	☼	10/06/25 10:25	10/08/25 13:59	1
Dichlorodifluoromethane	0.00091	U *	0.00091	0.00031	mg/Kg	☼	10/06/25 10:25	10/08/25 13:59	1
Ethylbenzene	0.00091	U	0.00091	0.00043	mg/Kg	☼	10/06/25 10:25	10/08/25 13:59	1
Ethylene Dibromide	0.00091	U	0.00091	0.00046	mg/Kg	☼	10/06/25 10:25	10/08/25 13:59	1
Isopropylbenzene	0.00091	U	0.00091	0.00026	mg/Kg	☼	10/06/25 10:25	10/08/25 13:59	1
Methyl acetate	0.0045	U	0.0045	0.0039	mg/Kg	☼	10/06/25 10:25	10/08/25 13:59	1
Methyl tert-butyl ether	0.00091	U	0.00091	0.00047	mg/Kg	☼	10/06/25 10:25	10/08/25 13:59	1
Methylcyclohexane	0.00091	U	0.00091	0.00045	mg/Kg	☼	10/06/25 10:25	10/08/25 13:59	1
Methylene Chloride	0.0018	U	0.0018	0.0010	mg/Kg	☼	10/06/25 10:25	10/08/25 13:59	1
m-Xylene & p-Xylene	0.00091	U	0.00091	0.00038	mg/Kg	☼	10/06/25 10:25	10/08/25 13:59	1
n-Butylbenzene	0.00091	U	0.00091	0.00027	mg/Kg	☼	10/06/25 10:25	10/08/25 13:59	1
N-Propylbenzene	0.00091	U	0.00091	0.00041	mg/Kg	☼	10/06/25 10:25	10/08/25 13:59	1
o-Xylene	0.00091	U	0.00091	0.00042	mg/Kg	☼	10/06/25 10:25	10/08/25 13:59	1
sec-Butylbenzene	0.00091	U	0.00091	0.00026	mg/Kg	☼	10/06/25 10:25	10/08/25 13:59	1
Styrene	0.00091	U	0.00091	0.00025	mg/Kg	☼	10/06/25 10:25	10/08/25 13:59	1
tert-Butylbenzene	0.00091	U	0.00091	0.00025	mg/Kg	☼	10/06/25 10:25	10/08/25 13:59	1
Tetrachloroethene	0.00091	U	0.00091	0.00028	mg/Kg	☼	10/06/25 10:25	10/08/25 13:59	1
Toluene	**0.00052**	**J**	0.00091	0.00021	mg/Kg	☼	10/06/25 10:25	10/08/25 13:59	1
trans-1,2-Dichloroethene	0.00091	U	0.00091	0.00022	mg/Kg	☼	10/06/25 10:25	10/08/25 13:59	1
trans-1,3-Dichloropropene	0.00091	U	0.00091	0.00024	mg/Kg	☼	10/06/25 10:25	10/08/25 13:59	1
Trichloroethene	0.00091	U	0.00091	0.00029	mg/Kg	☼	10/06/25 10:25	10/08/25 13:59	1
Trichlorofluoromethane	0.00091	U	0.00091	0.00037	mg/Kg	☼	10/06/25 10:25	10/08/25 13:59	1
Vinyl chloride	0.00091	U	0.00091	0.00050	mg/Kg	☼	10/06/25 10:25	10/08/25 13:59	1
Xylenes, Total	0.0018	U	0.0018	0.00016	mg/Kg	☼	10/06/25 10:25	10/08/25 13:59	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,2-Dichloroethane-d4 (Surr)	*94*		*65 - 138*	*10/06/25 10:25*	*10/08/25 13:59*	*1*
4-Bromofluorobenzene	*94*		*71 - 128*	*10/06/25 10:25*	*10/08/25 13:59*	*1*
Dibromofluoromethane (Surr)	*96*		*50 - 150*	*10/06/25 10:25*	*10/08/25 13:59*	*1*
Toluene-d8 (Surr)	*101*		*71 - 126*	*10/06/25 10:25*	*10/08/25 13:59*	*1*

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Percent Moisture (EPA Moisture)	**2.6**		1.0	1.0	%			10/09/25 15:54	1
Percent Solids (EPA Moisture)	**97.4**		1.0	1.0	%			10/09/25 15:54	1

Client: Haley & Aldrich, Inc.
Project/Site: Former Port Mobil

Job ID: 460-336467-1

Client Sample ID: 1C3_5-6
Date Collected: 10/03/25 12:10
Date Received: 10/03/25 16:15

Lab Sample ID: 460-336467-51
Matrix: Solid
Percent Solids: 90.7

Method: SW846 8260D - Volatile Organic Compounds by GC/MS

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1-Trichloroethane	0.0024	U	0.0024	0.00055	mg/Kg	☼	10/06/25 10:26	10/08/25 14:23	1
1,1,2,2-Tetrachloroethane	0.0024	U	0.0024	0.0012	mg/Kg	☼	10/06/25 10:26	10/08/25 14:23	1
1,1,2-Trichloro-1,2,2-trifluoroethane	0.0024	U	0.0024	0.00071	mg/Kg	☼	10/06/25 10:26	10/08/25 14:23	1
1,1,2-Trichloroethane	0.0024	U	0.0024	0.0014	mg/Kg	☼	10/06/25 10:26	10/08/25 14:23	1
1,1-Dichloroethane	0.0024	U	0.0024	0.0014	mg/Kg	☼	10/06/25 10:26	10/08/25 14:23	1
1,1-Dichloroethene	0.0024	U	0.0024	0.00053	mg/Kg	☼	10/06/25 10:26	10/08/25 14:23	1
1,2,3-Trichlorobenzene	0.0024	U	0.0024	0.0017	mg/Kg	☼	10/06/25 10:26	10/08/25 14:23	1
1,2,4-Trichlorobenzene	0.0024	U	0.0024	0.00084	mg/Kg	☼	10/06/25 10:26	10/08/25 14:23	1
1,2,4-Trimethylbenzene	0.0024	U	0.0024	0.00058	mg/Kg	☼	10/06/25 10:26	10/08/25 14:23	1
1,2-Dibromo-3-Chloropropane	0.0024	U	0.0024	0.0011	mg/Kg	☼	10/06/25 10:26	10/08/25 14:23	1
1,2-Dichlorobenzene	0.0024	U	0.0024	0.00085	mg/Kg	☼	10/06/25 10:26	10/08/25 14:23	1
1,2-Dichloroethane	0.0024	U	0.0024	0.00070	mg/Kg	☼	10/06/25 10:26	10/08/25 14:23	1
1,2-Dichloropropane	0.0024	U	0.0024	0.0010	mg/Kg	☼	10/06/25 10:26	10/08/25 14:23	1
1,3,5-Trimethylbenzene	0.0024	U	0.0024	0.00074	mg/Kg	☼	10/06/25 10:26	10/08/25 14:23	1
1,3-Dichlorobenzene	0.0024	U	0.0024	0.00086	mg/Kg	☼	10/06/25 10:26	10/08/25 14:23	1
1,4-Dichlorobenzene	0.0024	U	0.0024	0.0012	mg/Kg	☼	10/06/25 10:26	10/08/25 14:23	1
2-Butanone (MEK)	**0.0055**	**J**	0.012	0.00087	mg/Kg	☼	10/06/25 10:26	10/08/25 14:23	1
2-Hexanone	0.012	U	0.012	0.0040	mg/Kg	☼	10/06/25 10:26	10/08/25 14:23	1
4-Methyl-2-pentanone (MIBK)	0.012	U	0.012	0.0037	mg/Kg	☼	10/06/25 10:26	10/08/25 14:23	1
Acetone	**0.31**		0.014	0.013	mg/Kg	☼	10/06/25 10:26	10/08/25 14:23	1
Benzene	0.0024	U	0.0024	0.0013	mg/Kg	☼	10/06/25 10:26	10/08/25 14:23	1
Bromoform	0.0024	U	0.0024	0.0010	mg/Kg	☼	10/06/25 10:26	10/08/25 14:23	1
Bromomethane	0.0047	U	0.0047	0.0024	mg/Kg	☼	10/06/25 10:26	10/08/25 14:23	1
Carbon disulfide	0.0024	U	0.0024	0.00063	mg/Kg	☼	10/06/25 10:26	10/08/25 14:23	1
Carbon tetrachloride	0.0024	U	0.0024	0.00091	mg/Kg	☼	10/06/25 10:26	10/08/25 14:23	1
Chlorobenzene	0.0024	U	0.0024	0.0012	mg/Kg	☼	10/06/25 10:26	10/08/25 14:23	1
Chlorobromomethane	0.0024	U	0.0024	0.0014	mg/Kg	☼	10/06/25 10:26	10/08/25 14:23	1
Chlorodibromomethane	0.0024	U	0.0024	0.0013	mg/Kg	☼	10/06/25 10:26	10/08/25 14:23	1
Chloroethane	0.0024	U *	0.0024	0.0012	mg/Kg	☼	10/06/25 10:26	10/08/25 14:23	1
Chloroform	0.0024	U	0.0024	0.0023	mg/Kg	☼	10/06/25 10:26	10/08/25 14:23	1
Chloromethane	0.0024	U	0.0024	0.0010	mg/Kg	☼	10/06/25 10:26	10/08/25 14:23	1
cis-1,2-Dichloroethene	0.0024	U	0.0024	0.00084	mg/Kg	☼	10/06/25 10:26	10/08/25 14:23	1
cis-1,3-Dichloropropene	0.0024	U	0.0024	0.00064	mg/Kg	☼	10/06/25 10:26	10/08/25 14:23	1
Cyclohexane	0.0024	U	0.0024	0.00052	mg/Kg	☼	10/06/25 10:26	10/08/25 14:23	1
Dichlorobromomethane	0.0024	U	0.0024	0.00061	mg/Kg	☼	10/06/25 10:26	10/08/25 14:23	1
Dichlorodifluoromethane	0.0024	U *	0.0024	0.00080	mg/Kg	☼	10/06/25 10:26	10/08/25 14:23	1
Ethylbenzene	0.0024	U	0.0024	0.0011	mg/Kg	☼	10/06/25 10:26	10/08/25 14:23	1
Ethylene Dibromide	0.0024	U	0.0024	0.0012	mg/Kg	☼	10/06/25 10:26	10/08/25 14:23	1
Isopropylbenzene	0.0024	U	0.0024	0.00067	mg/Kg	☼	10/06/25 10:26	10/08/25 14:23	1
Methyl acetate	0.012	U	0.012	0.010	mg/Kg	☼	10/06/25 10:26	10/08/25 14:23	1
Methyl tert-butyl ether	0.0024	U	0.0024	0.0012	mg/Kg	☼	10/06/25 10:26	10/08/25 14:23	1
Methylcyclohexane	0.0024	U	0.0024	0.0012	mg/Kg	☼	10/06/25 10:26	10/08/25 14:23	1
Methylene Chloride	0.0047	U	0.0047	0.0027	mg/Kg	☼	10/06/25 10:26	10/08/25 14:23	1
m-Xylene & p-Xylene	0.0024	U	0.0024	0.0010	mg/Kg	☼	10/06/25 10:26	10/08/25 14:23	1
n-Butylbenzene	0.0024	U	0.0024	0.00069	mg/Kg	☼	10/06/25 10:26	10/08/25 14:23	1
N-Propylbenzene	0.0024	U	0.0024	0.0011	mg/Kg	☼	10/06/25 10:26	10/08/25 14:23	1
o-Xylene	0.0024	U	0.0024	0.0011	mg/Kg	☼	10/06/25 10:26	10/08/25 14:23	1
sec-Butylbenzene	0.0024	U	0.0024	0.00068	mg/Kg	☼	10/06/25 10:26	10/08/25 14:23	1
Styrene	0.0024	U	0.0024	0.00066	mg/Kg	☼	10/06/25 10:26	10/08/25 14:23	1

Client Sample ID: 1C3_5-6

Lab Sample ID: 460-336467-51

Date Collected: 10/03/25 12:10

Matrix: Solid

Date Received: 10/03/25 16:15

Percent Solids: 90.7

Method: SW846 8260D - Volatile Organic Compounds by GC/MS (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
tert-Butylbenzene	0.0024	U	0.0024	0.00065	mg/Kg	☼	10/06/25 10:26	10/08/25 14:23	1
Tetrachloroethene	0.0024	U	0.0024	0.00072	mg/Kg	☼	10/06/25 10:26	10/08/25 14:23	1
Toluene	**0.0011**	**J**	0.0024	0.00055	mg/Kg	☼	10/06/25 10:26	10/08/25 14:23	1
trans-1,2-Dichloroethene	0.0024	U	0.0024	0.00058	mg/Kg	☼	10/06/25 10:26	10/08/25 14:23	1
trans-1,3-Dichloropropene	0.0024	U	0.0024	0.00063	mg/Kg	☼	10/06/25 10:26	10/08/25 14:23	1
Trichloroethene	0.0024	U	0.0024	0.00076	mg/Kg	☼	10/06/25 10:26	10/08/25 14:23	1
Trichlorofluoromethane	0.0024	U	0.0024	0.00096	mg/Kg	☼	10/06/25 10:26	10/08/25 14:23	1
Vinyl chloride	0.0024	U	0.0024	0.0013	mg/Kg	☼	10/06/25 10:26	10/08/25 14:23	1
Xylenes, Total	0.0047	U	0.0047	0.00041	mg/Kg	☼	10/06/25 10:26	10/08/25 14:23	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,2-Dichloroethane-d4 (Surr)	*95*		*65 - 138*	*10/06/25 10:26*	*10/08/25 14:23*	*1*
4-Bromofluorobenzene	*93*		*71 - 128*	*10/06/25 10:26*	*10/08/25 14:23*	*1*
Dibromofluoromethane (Surr)	*99*		*50 - 150*	*10/06/25 10:26*	*10/08/25 14:23*	*1*
Toluene-d8 (Surr)	*101*		*71 - 126*	*10/06/25 10:26*	*10/08/25 14:23*	*1*

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Percent Moisture (EPA Moisture)	**9.3**		1.0	1.0	%			10/09/25 15:55	1
Percent Solids (EPA Moisture)	**90.7**		1.0	1.0	%			10/09/25 15:55	1

Client Sample ID: 1C1_6-7

Lab Sample ID: 460-336467-52

Date Collected: 10/03/25 12:15

Matrix: Solid

Date Received: 10/03/25 16:15

Percent Solids: 93.8

Method: SW846 8260D - Volatile Organic Compounds by GC/MS

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1-Trichloroethane	0.00085	U	0.00085	0.00020	mg/Kg	☼	10/06/25 10:26	10/08/25 14:47	1
1,1,2,2-Tetrachloroethane	0.00085	U	0.00085	0.00044	mg/Kg	☼	10/06/25 10:26	10/08/25 14:47	1
1,1,2-Trichloro-1,2,2-trifluoroethane	0.00085	U	0.00085	0.00026	mg/Kg	☼	10/06/25 10:26	10/08/25 14:47	1
1,1,2-Trichloroethane	0.00085	U	0.00085	0.00051	mg/Kg	☼	10/06/25 10:26	10/08/25 14:47	1
1,1-Dichloroethane	0.00085	U	0.00085	0.00051	mg/Kg	☼	10/06/25 10:26	10/08/25 14:47	1
1,1-Dichloroethene	0.00085	U	0.00085	0.00019	mg/Kg	☼	10/06/25 10:26	10/08/25 14:47	1
1,2,3-Trichlorobenzene	0.00085	U	0.00085	0.00063	mg/Kg	☼	10/06/25 10:26	10/08/25 14:47	1
1,2,4-Trichlorobenzene	0.00085	U	0.00085	0.00030	mg/Kg	☼	10/06/25 10:26	10/08/25 14:47	1
1,2,4-Trimethylbenzene	0.00085	U	0.00085	0.00021	mg/Kg	☼	10/06/25 10:26	10/08/25 14:47	1
1,2-Dibromo-3-Chloropropane	0.00085	U	0.00085	0.00039	mg/Kg	☼	10/06/25 10:26	10/08/25 14:47	1
1,2-Dichlorobenzene	0.00085	U	0.00085	0.00031	mg/Kg	☼	10/06/25 10:26	10/08/25 14:47	1
1,2-Dichloroethane	0.00085	U	0.00085	0.00025	mg/Kg	☼	10/06/25 10:26	10/08/25 14:47	1
1,2-Dichloropropane	0.00085	U	0.00085	0.00036	mg/Kg	☼	10/06/25 10:26	10/08/25 14:47	1
1,3,5-Trimethylbenzene	0.00085	U	0.00085	0.00027	mg/Kg	☼	10/06/25 10:26	10/08/25 14:47	1
1,3-Dichlorobenzene	0.00085	U	0.00085	0.00031	mg/Kg	☼	10/06/25 10:26	10/08/25 14:47	1
1,4-Dichlorobenzene	0.00085	U	0.00085	0.00044	mg/Kg	☼	10/06/25 10:26	10/08/25 14:47	1
2-Butanone (MEK)	0.0043	U	0.0043	0.00031	mg/Kg	☼	10/06/25 10:26	10/08/25 14:47	1
2-Hexanone	0.0043	U	0.0043	0.0015	mg/Kg	☼	10/06/25 10:26	10/08/25 14:47	1
4-Methyl-2-pentanone (MIBK)	0.0043	U	0.0043	0.0013	mg/Kg	☼	10/06/25 10:26	10/08/25 14:47	1
Acetone	**0.096**		0.0051	0.0049	mg/Kg	☼	10/06/25 10:26	10/08/25 14:47	1
Benzene	0.00085	U	0.00085	0.00048	mg/Kg	☼	10/06/25 10:26	10/08/25 14:47	1
Bromoform	0.00085	U	0.00085	0.00036	mg/Kg	☼	10/06/25 10:26	10/08/25 14:47	1
Bromomethane	0.0017	U	0.0017	0.00085	mg/Kg	☼	10/06/25 10:26	10/08/25 14:47	1

Client Sample ID: 1C1_6-7
Date Collected: 10/03/25 12:15
Date Received: 10/03/25 16:15

Lab Sample ID: 460-336467-52
Matrix: Solid
Percent Solids: 93.8

Method: SW846 8260D - Volatile Organic Compounds by GC/MS (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Carbon disulfide	0.00085	U	0.00085	0.00023	mg/Kg	☼	10/06/25 10:26	10/08/25 14:47	1
Carbon tetrachloride	0.00085	U	0.00085	0.00033	mg/Kg	☼	10/06/25 10:26	10/08/25 14:47	1
Chlorobenzene	0.00085	U	0.00085	0.00043	mg/Kg	☼	10/06/25 10:26	10/08/25 14:47	1
Chlorobromomethane	0.00085	U	0.00085	0.00051	mg/Kg	☼	10/06/25 10:26	10/08/25 14:47	1
Chlorodibromomethane	0.00085	U	0.00085	0.00046	mg/Kg	☼	10/06/25 10:26	10/08/25 14:47	1
Chloroethane	0.00085	U *	0.00085	0.00044	mg/Kg	☼	10/06/25 10:26	10/08/25 14:47	1
Chloroform	0.00085	U	0.00085	0.00083	mg/Kg	☼	10/06/25 10:26	10/08/25 14:47	1
Chloromethane	0.00085	U	0.00085	0.00037	mg/Kg	☼	10/06/25 10:26	10/08/25 14:47	1
cis-1,2-Dichloroethene	0.00085	U	0.00085	0.00030	mg/Kg	☼	10/06/25 10:26	10/08/25 14:47	1
cis-1,3-Dichloropropene	0.00085	U	0.00085	0.00023	mg/Kg	☼	10/06/25 10:26	10/08/25 14:47	1
Cyclohexane	0.00085	U	0.00085	0.00019	mg/Kg	☼	10/06/25 10:26	10/08/25 14:47	1
Dichlorobromomethane	0.00085	U	0.00085	0.00022	mg/Kg	☼	10/06/25 10:26	10/08/25 14:47	1
Dichlorodifluoromethane	0.00085	U *	0.00085	0.00029	mg/Kg	☼	10/06/25 10:26	10/08/25 14:47	1
Ethylbenzene	0.00085	U	0.00085	0.00040	mg/Kg	☼	10/06/25 10:26	10/08/25 14:47	1
Ethylene Dibromide	0.00085	U	0.00085	0.00043	mg/Kg	☼	10/06/25 10:26	10/08/25 14:47	1
Isopropylbenzene	0.00085	U	0.00085	0.00024	mg/Kg	☼	10/06/25 10:26	10/08/25 14:47	1
Methyl acetate	0.0043	U	0.0043	0.0037	mg/Kg	☼	10/06/25 10:26	10/08/25 14:47	1
Methyl tert-butyl ether	0.00085	U	0.00085	0.00044	mg/Kg	☼	10/06/25 10:26	10/08/25 14:47	1
Methylcyclohexane	0.00085	U	0.00085	0.00042	mg/Kg	☼	10/06/25 10:26	10/08/25 14:47	1
Methylene Chloride	0.0017	U	0.0017	0.00097	mg/Kg	☼	10/06/25 10:26	10/08/25 14:47	1
m-Xylene & p-Xylene	0.00085	U	0.00085	0.00036	mg/Kg	☼	10/06/25 10:26	10/08/25 14:47	1
n-Butylbenzene	0.00085	U	0.00085	0.00025	mg/Kg	☼	10/06/25 10:26	10/08/25 14:47	1
N-Propylbenzene	0.00085	U	0.00085	0.00038	mg/Kg	☼	10/06/25 10:26	10/08/25 14:47	1
o-Xylene	0.00085	U	0.00085	0.00039	mg/Kg	☼	10/06/25 10:26	10/08/25 14:47	1
sec-Butylbenzene	0.00085	U	0.00085	0.00024	mg/Kg	☼	10/06/25 10:26	10/08/25 14:47	1
Styrene	0.00085	U	0.00085	0.00024	mg/Kg	☼	10/06/25 10:26	10/08/25 14:47	1
tert-Butylbenzene	0.00085	U	0.00085	0.00023	mg/Kg	☼	10/06/25 10:26	10/08/25 14:47	1
Tetrachloroethene	0.00085	U	0.00085	0.00026	mg/Kg	☼	10/06/25 10:26	10/08/25 14:47	1
Toluene	0.00085	U	0.00085	0.00020	mg/Kg	☼	10/06/25 10:26	10/08/25 14:47	1
trans-1,2-Dichloroethene	0.00085	U	0.00085	0.00021	mg/Kg	☼	10/06/25 10:26	10/08/25 14:47	1
trans-1,3-Dichloropropene	0.00085	U	0.00085	0.00023	mg/Kg	☼	10/06/25 10:26	10/08/25 14:47	1
Trichloroethene	0.00085	U	0.00085	0.00027	mg/Kg	☼	10/06/25 10:26	10/08/25 14:47	1
Trichlorofluoromethane	0.00085	U	0.00085	0.00035	mg/Kg	☼	10/06/25 10:26	10/08/25 14:47	1
Vinyl chloride	0.00085	U	0.00085	0.00046	mg/Kg	☼	10/06/25 10:26	10/08/25 14:47	1
Xylenes, Total	0.0017	U	0.0017	0.00015	mg/Kg	☼	10/06/25 10:26	10/08/25 14:47	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,2-Dichloroethane-d4 (Surr)	*99*		*65 - 138*	*10/06/25 10:26*	*10/08/25 14:47*	*1*
4-Bromofluorobenzene	*103*		*71 - 128*	*10/06/25 10:26*	*10/08/25 14:47*	*1*
Dibromofluoromethane (Surr)	*101*		*50 - 150*	*10/06/25 10:26*	*10/08/25 14:47*	*1*
Toluene-d8 (Surr)	*104*		*71 - 126*	*10/06/25 10:26*	*10/08/25 14:47*	*1*

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Percent Moisture (EPA Moisture)	**6.2**		1.0	1.0	%			10/09/25 15:55	1
Percent Solids (EPA Moisture)	**93.8**		1.0	1.0	%			10/09/25 15:55	1

Client Sample ID: 1C2_8-9
Date Collected: 10/03/25 12:20
Date Received: 10/03/25 16:15

Lab Sample ID: 460-336467-53
Matrix: Solid
Percent Solids: 88.4

Method: SW846 8260D - Volatile Organic Compounds by GC/MS

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1-Trichloroethane	0.0012	U	0.0012	0.00029	mg/Kg	☼	10/06/25 10:26	10/08/25 15:11	1
1,1,2,2-Tetrachloroethane	0.0012	U	0.0012	0.00065	mg/Kg	☼	10/06/25 10:26	10/08/25 15:11	1
1,1,2-Trichloro-1,2,2-trifluoroethane	0.0012	U	0.0012	0.00038	mg/Kg	☼	10/06/25 10:26	10/08/25 15:11	1
1,1,2-Trichloroethane	0.0012	U	0.0012	0.00075	mg/Kg	☼	10/06/25 10:26	10/08/25 15:11	1
1,1-Dichloroethane	0.0012	U	0.0012	0.00075	mg/Kg	☼	10/06/25 10:26	10/08/25 15:11	1
1,1-Dichloroethene	0.0012	U	0.0012	0.00028	mg/Kg	☼	10/06/25 10:26	10/08/25 15:11	1
1,2,3-Trichlorobenzene	0.0012	U	0.0012	0.00092	mg/Kg	☼	10/06/25 10:26	10/08/25 15:11	1
1,2,4-Trichlorobenzene	0.0012	U	0.0012	0.00045	mg/Kg	☼	10/06/25 10:26	10/08/25 15:11	1
1,2,4-Trimethylbenzene	0.0012	U	0.0012	0.00031	mg/Kg	☼	10/06/25 10:26	10/08/25 15:11	1
1,2-Dibromo-3-Chloropropane	0.0012	U	0.0012	0.00057	mg/Kg	☼	10/06/25 10:26	10/08/25 15:11	1
1,2-Dichlorobenzene	0.0012	U	0.0012	0.00045	mg/Kg	☼	10/06/25 10:26	10/08/25 15:11	1
1,2-Dichloroethane	0.0012	U	0.0012	0.00037	mg/Kg	☼	10/06/25 10:26	10/08/25 15:11	1
1,2-Dichloropropane	0.0012	U	0.0012	0.00053	mg/Kg	☼	10/06/25 10:26	10/08/25 15:11	1
1,3,5-Trimethylbenzene	0.0012	U	0.0012	0.00039	mg/Kg	☼	10/06/25 10:26	10/08/25 15:11	1
1,3-Dichlorobenzene	0.0012	U	0.0012	0.00046	mg/Kg	☼	10/06/25 10:26	10/08/25 15:11	1
1,4-Dichlorobenzene	0.0012	U	0.0012	0.00065	mg/Kg	☼	10/06/25 10:26	10/08/25 15:11	1
2-Butanone (MEK)	0.0062	U	0.0062	0.00046	mg/Kg	☼	10/06/25 10:26	10/08/25 15:11	1
2-Hexanone	0.0062	U	0.0062	0.0021	mg/Kg	☼	10/06/25 10:26	10/08/25 15:11	1
4-Methyl-2-pentanone (MIBK)	0.0062	U	0.0062	0.0019	mg/Kg	☼	10/06/25 10:26	10/08/25 15:11	1
Acetone	**0.11**		0.0075	0.0071	mg/Kg	☼	10/06/25 10:26	10/08/25 15:11	1
Benzene	0.0012	U	0.0012	0.00071	mg/Kg	☼	10/06/25 10:26	10/08/25 15:11	1
Bromoform	0.0012	U	0.0012	0.00053	mg/Kg	☼	10/06/25 10:26	10/08/25 15:11	1
Bromomethane	0.0025	U	0.0025	0.0012	mg/Kg	☼	10/06/25 10:26	10/08/25 15:11	1
Carbon disulfide	0.0012	U	0.0012	0.00033	mg/Kg	☼	10/06/25 10:26	10/08/25 15:11	1
Carbon tetrachloride	0.0012	U	0.0012	0.00048	mg/Kg	☼	10/06/25 10:26	10/08/25 15:11	1
Chlorobenzene	0.0012	U	0.0012	0.00063	mg/Kg	☼	10/06/25 10:26	10/08/25 15:11	1
Chlorobromomethane	0.0012	U	0.0012	0.00074	mg/Kg	☼	10/06/25 10:26	10/08/25 15:11	1
Chlorodibromomethane	0.0012	U	0.0012	0.00067	mg/Kg	☼	10/06/25 10:26	10/08/25 15:11	1
Chloroethane	0.0012	U *	0.0012	0.00065	mg/Kg	☼	10/06/25 10:26	10/08/25 15:11	1
Chloroform	0.0012	U	0.0012	0.0012	mg/Kg	☼	10/06/25 10:26	10/08/25 15:11	1
Chloromethane	0.0012	U	0.0012	0.00054	mg/Kg	☼	10/06/25 10:26	10/08/25 15:11	1
cis-1,2-Dichloroethene	0.0012	U	0.0012	0.00045	mg/Kg	☼	10/06/25 10:26	10/08/25 15:11	1
cis-1,3-Dichloropropene	0.0012	U	0.0012	0.00034	mg/Kg	☼	10/06/25 10:26	10/08/25 15:11	1
Cyclohexane	0.0012	U	0.0012	0.00028	mg/Kg	☼	10/06/25 10:26	10/08/25 15:11	1
Dichlorobromomethane	0.0012	U	0.0012	0.00032	mg/Kg	☼	10/06/25 10:26	10/08/25 15:11	1
Dichlorodifluoromethane	0.0012	U *	0.0012	0.00042	mg/Kg	☼	10/06/25 10:26	10/08/25 15:11	1
Ethylbenzene	0.0012	U	0.0012	0.00058	mg/Kg	☼	10/06/25 10:26	10/08/25 15:11	1
Ethylene Dibromide	0.0012	U	0.0012	0.00063	mg/Kg	☼	10/06/25 10:26	10/08/25 15:11	1
Isopropylbenzene	0.0012	U	0.0012	0.00036	mg/Kg	☼	10/06/25 10:26	10/08/25 15:11	1
Methyl acetate	0.0062	U	0.0062	0.0054	mg/Kg	☼	10/06/25 10:26	10/08/25 15:11	1
Methyl tert-butyl ether	0.0012	U	0.0012	0.00064	mg/Kg	☼	10/06/25 10:26	10/08/25 15:11	1
Methylcyclohexane	0.0012	U	0.0012	0.00062	mg/Kg	☼	10/06/25 10:26	10/08/25 15:11	1
Methylene Chloride	0.0025	U	0.0025	0.0014	mg/Kg	☼	10/06/25 10:26	10/08/25 15:11	1
m-Xylene & p-Xylene	0.0012	U	0.0012	0.00053	mg/Kg	☼	10/06/25 10:26	10/08/25 15:11	1
n-Butylbenzene	0.0012	U	0.0012	0.00037	mg/Kg	☼	10/06/25 10:26	10/08/25 15:11	1
N-Propylbenzene	0.0012	U	0.0012	0.00056	mg/Kg	☼	10/06/25 10:26	10/08/25 15:11	1
o-Xylene	0.0012	U	0.0012	0.00058	mg/Kg	☼	10/06/25 10:26	10/08/25 15:11	1
sec-Butylbenzene	0.0012	U	0.0012	0.00036	mg/Kg	☼	10/06/25 10:26	10/08/25 15:11	1
Styrene	0.0012	U	0.0012	0.00035	mg/Kg	☼	10/06/25 10:26	10/08/25 15:11	1

Client Sample ID: 1C2_8-9

Lab Sample ID: 460-336467-53

Date Collected: 10/03/25 12:20

Matrix: Solid

Date Received: 10/03/25 16:15

Percent Solids: 88.4

Method: SW846 8260D - Volatile Organic Compounds by GC/MS (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
tert-Butylbenzene	0.0012	U	0.0012	0.00034	mg/Kg	☼	10/06/25 10:26	10/08/25 15:11	1
Tetrachloroethene	0.0012	U	0.0012	0.00038	mg/Kg	☼	10/06/25 10:26	10/08/25 15:11	1
Toluene	**0.00060**	**J**	0.0012	0.00029	mg/Kg	☼	10/06/25 10:26	10/08/25 15:11	1
trans-1,2-Dichloroethene	0.0012	U	0.0012	0.00031	mg/Kg	☼	10/06/25 10:26	10/08/25 15:11	1
trans-1,3-Dichloropropene	0.0012	U	0.0012	0.00033	mg/Kg	☼	10/06/25 10:26	10/08/25 15:11	1
Trichloroethene	0.0012	U	0.0012	0.00040	mg/Kg	☼	10/06/25 10:26	10/08/25 15:11	1
Trichlorofluoromethane	0.0012	U	0.0012	0.00051	mg/Kg	☼	10/06/25 10:26	10/08/25 15:11	1
Vinyl chloride	0.0012	U	0.0012	0.00068	mg/Kg	☼	10/06/25 10:26	10/08/25 15:11	1
Xylenes, Total	0.0025	U	0.0025	0.00022	mg/Kg	☼	10/06/25 10:26	10/08/25 15:11	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,2-Dichloroethane-d4 (Surr)	*95*		*65 - 138*	*10/06/25 10:26*	*10/08/25 15:11*	*1*
4-Bromofluorobenzene	*93*		*71 - 128*	*10/06/25 10:26*	*10/08/25 15:11*	*1*
Dibromofluoromethane (Surr)	*98*		*50 - 150*	*10/06/25 10:26*	*10/08/25 15:11*	*1*
Toluene-d8 (Surr)	*100*		*71 - 126*	*10/06/25 10:26*	*10/08/25 15:11*	*1*

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Percent Moisture (EPA Moisture)	**11.6**		1.0	1.0	%			10/09/25 15:55	1
Percent Solids (EPA Moisture)	**88.4**		1.0	1.0	%			10/09/25 15:55	1

Client Sample ID: 1C3_10-11

Lab Sample ID: 460-336467-54

Date Collected: 10/03/25 12:25

Matrix: Solid

Date Received: 10/03/25 16:15

Percent Solids: 93.4

Method: SW846 8260D - Volatile Organic Compounds by GC/MS

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1-Trichloroethane	0.0017	U	0.0017	0.00040	mg/Kg	☼	10/06/25 10:27	10/08/25 23:46	1
1,1,2,2-Tetrachloroethane	0.0017	U	0.0017	0.00089	mg/Kg	☼	10/06/25 10:27	10/08/25 23:46	1
1,1,2-Trichloro-1,2,2-trifluoroethane	0.0017	U	0.0017	0.00051	mg/Kg	☼	10/06/25 10:27	10/08/25 23:46	1
1,1,2-Trichloroethane	0.0017	U	0.0017	0.0010	mg/Kg	☼	10/06/25 10:27	10/08/25 23:46	1
1,1-Dichloroethane	0.0017	U	0.0017	0.0010	mg/Kg	☼	10/06/25 10:27	10/08/25 23:46	1
1,1-Dichloroethene	0.0017	U	0.0017	0.00038	mg/Kg	☼	10/06/25 10:27	10/08/25 23:46	1
1,2,3-Trichlorobenzene	0.0017	U	0.0017	0.0013	mg/Kg	☼	10/06/25 10:27	10/08/25 23:46	1
1,2,4-Trichlorobenzene	0.0017	U	0.0017	0.00061	mg/Kg	☼	10/06/25 10:27	10/08/25 23:46	1
1,2,4-Trimethylbenzene	0.0017	U	0.0017	0.00042	mg/Kg	☼	10/06/25 10:27	10/08/25 23:46	1
1,2-Dibromo-3-Chloropropane	0.0017	U	0.0017	0.00079	mg/Kg	☼	10/06/25 10:27	10/08/25 23:46	1
1,2-Dichlorobenzene	0.0017	U	0.0017	0.00062	mg/Kg	☼	10/06/25 10:27	10/08/25 23:46	1
1,2-Dichloroethane	0.0017	U	0.0017	0.00051	mg/Kg	☼	10/06/25 10:27	10/08/25 23:46	1
1,2-Dichloropropane	0.0017	U	0.0017	0.00072	mg/Kg	☼	10/06/25 10:27	10/08/25 23:46	1
1,3,5-Trimethylbenzene	0.0017	U	0.0017	0.00054	mg/Kg	☼	10/06/25 10:27	10/08/25 23:46	1
1,3-Dichlorobenzene	0.0017	U	0.0017	0.00062	mg/Kg	☼	10/06/25 10:27	10/08/25 23:46	1
1,4-Dichlorobenzene	0.0017	U	0.0017	0.00089	mg/Kg	☼	10/06/25 10:27	10/08/25 23:46	1
2-Butanone (MEK)	0.0085	U	0.0085	0.00063	mg/Kg	☼	10/06/25 10:27	10/08/25 23:46	1
2-Hexanone	0.0085	U	0.0085	0.0029	mg/Kg	☼	10/06/25 10:27	10/08/25 23:46	1
4-Methyl-2-pentanone (MIBK)	0.0085	U	0.0085	0.0027	mg/Kg	☼	10/06/25 10:27	10/08/25 23:46	1
Acetone	0.010	U	0.010	0.0098	mg/Kg	☼	10/06/25 10:27	10/08/25 23:46	1
Benzene	0.0017	U	0.0017	0.00097	mg/Kg	☼	10/06/25 10:27	10/08/25 23:46	1
Bromoform	0.0017	U	0.0017	0.00073	mg/Kg	☼	10/06/25 10:27	10/08/25 23:46	1
Bromomethane	0.0034	U	0.0034	0.0017	mg/Kg	☼	10/06/25 10:27	10/08/25 23:46	1

Client Sample ID: 1C3_10-11
Date Collected: 10/03/25 12:25
Date Received: 10/03/25 16:15

Lab Sample ID: 460-336467-54
Matrix: Solid
Percent Solids: 93.4

Method: SW846 8260D - Volatile Organic Compounds by GC/MS (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Carbon disulfide	0.0017	U	0.0017	0.00045	mg/Kg	☼	10/06/25 10:27	10/08/25 23:46	1
Carbon tetrachloride	0.0017	U	0.0017	0.00066	mg/Kg	☼	10/06/25 10:27	10/08/25 23:46	1
Chlorobenzene	0.0017	U	0.0017	0.00087	mg/Kg	☼	10/06/25 10:27	10/08/25 23:46	1
Chlorobromomethane	0.0017	U	0.0017	0.0010	mg/Kg	☼	10/06/25 10:27	10/08/25 23:46	1
Chlorodibromomethane	0.0017	U	0.0017	0.00092	mg/Kg	☼	10/06/25 10:27	10/08/25 23:46	1
Chloroethane	0.0017	U	0.0017	0.00089	mg/Kg	☼	10/06/25 10:27	10/08/25 23:46	1
Chloroform	0.0017	U	0.0017	0.0017	mg/Kg	☼	10/06/25 10:27	10/08/25 23:46	1
Chloromethane	0.0017	U	0.0017	0.00074	mg/Kg	☼	10/06/25 10:27	10/08/25 23:46	1
cis-1,2-Dichloroethene	0.0017	U	0.0017	0.00061	mg/Kg	☼	10/06/25 10:27	10/08/25 23:46	1
cis-1,3-Dichloropropene	0.0017	U	0.0017	0.00047	mg/Kg	☼	10/06/25 10:27	10/08/25 23:46	1
Cyclohexane	0.0017	U	0.0017	0.00038	mg/Kg	☼	10/06/25 10:27	10/08/25 23:46	1
Dichlorobromomethane	0.0017	U	0.0017	0.00044	mg/Kg	☼	10/06/25 10:27	10/08/25 23:46	1
Dichlorodifluoromethane	0.0017	U	0.0017	0.00058	mg/Kg	☼	10/06/25 10:27	10/08/25 23:46	1
Ethylbenzene	0.0017	U	0.0017	0.00080	mg/Kg	☼	10/06/25 10:27	10/08/25 23:46	1
Ethylene Dibromide	0.0017	U	0.0017	0.00086	mg/Kg	☼	10/06/25 10:27	10/08/25 23:46	1
Isopropylbenzene	0.0017	U	0.0017	0.00049	mg/Kg	☼	10/06/25 10:27	10/08/25 23:46	1
Methyl acetate	0.0085	U	0.0085	0.0073	mg/Kg	☼	10/06/25 10:27	10/08/25 23:46	1
Methyl tert-butyl ether	0.0017	U	0.0017	0.00087	mg/Kg	☼	10/06/25 10:27	10/08/25 23:46	1
Methylcyclohexane	0.0017	U	0.0017	0.00085	mg/Kg	☼	10/06/25 10:27	10/08/25 23:46	1
Methylene Chloride	0.0034	U	0.0034	0.0020	mg/Kg	☼	10/06/25 10:27	10/08/25 23:46	1
m-Xylene & p-Xylene	0.0017	U	0.0017	0.00072	mg/Kg	☼	10/06/25 10:27	10/08/25 23:46	1
n-Butylbenzene	0.0017	U	0.0017	0.00050	mg/Kg	☼	10/06/25 10:27	10/08/25 23:46	1
N-Propylbenzene	0.0017	U	0.0017	0.00077	mg/Kg	☼	10/06/25 10:27	10/08/25 23:46	1
o-Xylene	0.0017	U	0.0017	0.00079	mg/Kg	☼	10/06/25 10:27	10/08/25 23:46	1
sec-Butylbenzene	0.0017	U	0.0017	0.00049	mg/Kg	☼	10/06/25 10:27	10/08/25 23:46	1
Styrene	0.0017	U	0.0017	0.00047	mg/Kg	☼	10/06/25 10:27	10/08/25 23:46	1
tert-Butylbenzene	0.0017	U	0.0017	0.00047	mg/Kg	☼	10/06/25 10:27	10/08/25 23:46	1
Tetrachloroethene	0.0017	U	0.0017	0.00052	mg/Kg	☼	10/06/25 10:27	10/08/25 23:46	1
Toluene	0.0017	U	0.0017	0.00040	mg/Kg	☼	10/06/25 10:27	10/08/25 23:46	1
trans-1,2-Dichloroethene	0.0017	U	0.0017	0.00042	mg/Kg	☼	10/06/25 10:27	10/08/25 23:46	1
trans-1,3-Dichloropropene	0.0017	U	0.0017	0.00045	mg/Kg	☼	10/06/25 10:27	10/08/25 23:46	1
Trichloroethene	0.0017	U	0.0017	0.00055	mg/Kg	☼	10/06/25 10:27	10/08/25 23:46	1
Trichlorofluoromethane	0.0017	U	0.0017	0.00069	mg/Kg	☼	10/06/25 10:27	10/08/25 23:46	1
Vinyl chloride	0.0017	U	0.0017	0.00093	mg/Kg	☼	10/06/25 10:27	10/08/25 23:46	1
Xylenes, Total	0.0034	U	0.0034	0.00030	mg/Kg	☼	10/06/25 10:27	10/08/25 23:46	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,2-Dichloroethane-d4 (Surr)	*93*		*65 - 138*	*10/06/25 10:27*	*10/08/25 23:46*	*1*
4-Bromofluorobenzene	*96*		*71 - 128*	*10/06/25 10:27*	*10/08/25 23:46*	*1*
Dibromofluoromethane (Surr)	*97*		*50 - 150*	*10/06/25 10:27*	*10/08/25 23:46*	*1*
Toluene-d8 (Surr)	*100*		*71 - 126*	*10/06/25 10:27*	*10/08/25 23:46*	*1*

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Percent Moisture (EPA Moisture)	**6.6**		1.0	1.0	%			10/09/25 15:55	1
Percent Solids (EPA Moisture)	**93.4**		1.0	1.0	%			10/09/25 15:55	1

Client: Haley & Aldrich, Inc.
Project/Site: Former Port Mobil

Job ID: 460-336467-1

Client Sample ID: 1C1_11-12
Date Collected: 10/03/25 12:30
Date Received: 10/03/25 16:15

Lab Sample ID: 460-336467-55
Matrix: Solid
Percent Solids: 96.9

Method: SW846 8260D - Volatile Organic Compounds by GC/MS

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1-Trichloroethane	0.00079	U	0.00079	0.00018	mg/Kg	☼	10/06/25 10:27	10/09/25 00:10	1
1,1,2,2-Tetrachloroethane	0.00079	U	0.00079	0.00041	mg/Kg	☼	10/06/25 10:27	10/09/25 00:10	1
1,1,2-Trichloro-1,2,2-trifluoroethane	0.00079	U	0.00079	0.00024	mg/Kg	☼	10/06/25 10:27	10/09/25 00:10	1
1,1,2-Trichloroethane	0.00079	U	0.00079	0.00048	mg/Kg	☼	10/06/25 10:27	10/09/25 00:10	1
1,1-Dichloroethane	0.00079	U	0.00079	0.00047	mg/Kg	☼	10/06/25 10:27	10/09/25 00:10	1
1,1-Dichloroethene	0.00079	U	0.00079	0.00018	mg/Kg	☼	10/06/25 10:27	10/09/25 00:10	1
1,2,3-Trichlorobenzene	0.00079	U	0.00079	0.00059	mg/Kg	☼	10/06/25 10:27	10/09/25 00:10	1
1,2,4-Trichlorobenzene	0.00079	U	0.00079	0.00028	mg/Kg	☼	10/06/25 10:27	10/09/25 00:10	1
1,2,4-Trimethylbenzene	0.00079	U	0.00079	0.00020	mg/Kg	☼	10/06/25 10:27	10/09/25 00:10	1
1,2-Dibromo-3-Chloropropane	0.00079	U	0.00079	0.00037	mg/Kg	☼	10/06/25 10:27	10/09/25 00:10	1
1,2-Dichlorobenzene	0.00079	U	0.00079	0.00029	mg/Kg	☼	10/06/25 10:27	10/09/25 00:10	1
1,2-Dichloroethane	0.00079	U	0.00079	0.00023	mg/Kg	☼	10/06/25 10:27	10/09/25 00:10	1
1,2-Dichloropropane	0.00079	U	0.00079	0.00034	mg/Kg	☼	10/06/25 10:27	10/09/25 00:10	1
1,3,5-Trimethylbenzene	0.00079	U	0.00079	0.00025	mg/Kg	☼	10/06/25 10:27	10/09/25 00:10	1
1,3-Dichlorobenzene	0.00079	U	0.00079	0.00029	mg/Kg	☼	10/06/25 10:27	10/09/25 00:10	1
1,4-Dichlorobenzene	0.00079	U	0.00079	0.00041	mg/Kg	☼	10/06/25 10:27	10/09/25 00:10	1
2-Butanone (MEK)	0.0040	U	0.0040	0.00029	mg/Kg	☼	10/06/25 10:27	10/09/25 00:10	1
2-Hexanone	0.0040	U	0.0040	0.0014	mg/Kg	☼	10/06/25 10:27	10/09/25 00:10	1
4-Methyl-2-pentanone (MIBK)	0.0040	U	0.0040	0.0012	mg/Kg	☼	10/06/25 10:27	10/09/25 00:10	1
Acetone	0.0048	U	0.0048	0.0045	mg/Kg	☼	10/06/25 10:27	10/09/25 00:10	1
Benzene	0.00079	U	0.00079	0.00045	mg/Kg	☼	10/06/25 10:27	10/09/25 00:10	1
Bromoform	0.00079	U	0.00079	0.00034	mg/Kg	☼	10/06/25 10:27	10/09/25 00:10	1
Bromomethane	0.0016	U	0.0016	0.00079	mg/Kg	☼	10/06/25 10:27	10/09/25 00:10	1
Carbon disulfide	0.00079	U	0.00079	0.00021	mg/Kg	☼	10/06/25 10:27	10/09/25 00:10	1
Carbon tetrachloride	0.00079	U	0.00079	0.00031	mg/Kg	☼	10/06/25 10:27	10/09/25 00:10	1
Chlorobenzene	0.00079	U	0.00079	0.00040	mg/Kg	☼	10/06/25 10:27	10/09/25 00:10	1
Chlorobromomethane	0.00079	U	0.00079	0.00047	mg/Kg	☼	10/06/25 10:27	10/09/25 00:10	1
Chlorodibromomethane	0.00079	U	0.00079	0.00043	mg/Kg	☼	10/06/25 10:27	10/09/25 00:10	1
Chloroethane	0.00079	U	0.00079	0.00041	mg/Kg	☼	10/06/25 10:27	10/09/25 00:10	1
Chloroform	0.00079	U	0.00079	0.00077	mg/Kg	☼	10/06/25 10:27	10/09/25 00:10	1
Chloromethane	0.00079	U	0.00079	0.00035	mg/Kg	☼	10/06/25 10:27	10/09/25 00:10	1
cis-1,2-Dichloroethene	0.00079	U	0.00079	0.00028	mg/Kg	☼	10/06/25 10:27	10/09/25 00:10	1
cis-1,3-Dichloropropene	0.00079	U	0.00079	0.00022	mg/Kg	☼	10/06/25 10:27	10/09/25 00:10	1
Cyclohexane	0.00079	U	0.00079	0.00018	mg/Kg	☼	10/06/25 10:27	10/09/25 00:10	1
Dichlorobromomethane	0.00079	U	0.00079	0.00020	mg/Kg	☼	10/06/25 10:27	10/09/25 00:10	1
Dichlorodifluoromethane	0.00079	U	0.00079	0.00027	mg/Kg	☼	10/06/25 10:27	10/09/25 00:10	1
Ethylbenzene	0.00079	U	0.00079	0.00037	mg/Kg	☼	10/06/25 10:27	10/09/25 00:10	1
Ethylene Dibromide	0.00079	U	0.00079	0.00040	mg/Kg	☼	10/06/25 10:27	10/09/25 00:10	1
Isopropylbenzene	0.00079	U	0.00079	0.00023	mg/Kg	☼	10/06/25 10:27	10/09/25 00:10	1
Methyl acetate	0.0040	U	0.0040	0.0034	mg/Kg	☼	10/06/25 10:27	10/09/25 00:10	1
Methyl tert-butyl ether	0.00079	U	0.00079	0.00041	mg/Kg	☼	10/06/25 10:27	10/09/25 00:10	1
Methylcyclohexane	0.00079	U	0.00079	0.00040	mg/Kg	☼	10/06/25 10:27	10/09/25 00:10	1
Methylene Chloride	0.0016	U	0.0016	0.00091	mg/Kg	☼	10/06/25 10:27	10/09/25 00:10	1
m-Xylene & p-Xylene	0.00079	U	0.00079	0.00034	mg/Kg	☼	10/06/25 10:27	10/09/25 00:10	1
n-Butylbenzene	0.00079	U	0.00079	0.00023	mg/Kg	☼	10/06/25 10:27	10/09/25 00:10	1
N-Propylbenzene	0.00079	U	0.00079	0.00036	mg/Kg	☼	10/06/25 10:27	10/09/25 00:10	1
o-Xylene	0.00079	U	0.00079	0.00037	mg/Kg	☼	10/06/25 10:27	10/09/25 00:10	1
sec-Butylbenzene	0.00079	U	0.00079	0.00023	mg/Kg	☼	10/06/25 10:27	10/09/25 00:10	1
Styrene	0.00079	U	0.00079	0.00022	mg/Kg	☼	10/06/25 10:27	10/09/25 00:10	1

Client Sample ID: 1C1_11-12

Lab Sample ID: 460-336467-55

Date Collected: 10/03/25 12:30
Matrix: Solid
Date Received: 10/03/25 16:15
Percent Solids: 96.9

Method: SW846 8260D - Volatile Organic Compounds by GC/MS (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
tert-Butylbenzene	0.00079	U	0.00079	0.00022	mg/Kg	☼	10/06/25 10:27	10/09/25 00:10	1
Tetrachloroethene	0.00079	U	0.00079	0.00024	mg/Kg	☼	10/06/25 10:27	10/09/25 00:10	1
Toluene	0.00079	U	0.00079	0.00019	mg/Kg	☼	10/06/25 10:27	10/09/25 00:10	1
trans-1,2-Dichloroethene	0.00079	U	0.00079	0.00020	mg/Kg	☼	10/06/25 10:27	10/09/25 00:10	1
trans-1,3-Dichloropropene	0.00079	U	0.00079	0.00021	mg/Kg	☼	10/06/25 10:27	10/09/25 00:10	1
Trichloroethene	0.00079	U	0.00079	0.00025	mg/Kg	☼	10/06/25 10:27	10/09/25 00:10	1
Trichlorofluoromethane	0.00079	U	0.00079	0.00032	mg/Kg	☼	10/06/25 10:27	10/09/25 00:10	1
Vinyl chloride	0.00079	U	0.00079	0.00043	mg/Kg	☼	10/06/25 10:27	10/09/25 00:10	1
Xylenes, Total	0.0016	U	0.0016	0.00014	mg/Kg	☼	10/06/25 10:27	10/09/25 00:10	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,2-Dichloroethane-d4 (Surr)	*94*		*65 - 138*	*10/06/25 10:27*	*10/09/25 00:10*	*1*
4-Bromofluorobenzene	*96*		*71 - 128*	*10/06/25 10:27*	*10/09/25 00:10*	*1*
Dibromofluoromethane (Surr)	*98*		*50 - 150*	*10/06/25 10:27*	*10/09/25 00:10*	*1*
Toluene-d8 (Surr)	*101*		*71 - 126*	*10/06/25 10:27*	*10/09/25 00:10*	*1*

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Percent Moisture (EPA Moisture)	**3.1**		1.0	1.0	%			10/09/25 15:55	1
Percent Solids (EPA Moisture)	**96.9**		1.0	1.0	%			10/09/25 15:55	1

Client Sample ID: 1D1_1-2

Lab Sample ID: 460-336467-56

Date Collected: 10/03/25 12:35
Matrix: Solid
Date Received: 10/03/25 16:15
Percent Solids: 93.2

Method: SW846 8260D - Volatile Organic Compounds by GC/MS

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1-Trichloroethane	0.00098	U	0.00098	0.00023	mg/Kg	☼	10/06/25 10:28	10/09/25 00:35	1
1,1,2,2-Tetrachloroethane	0.00098	U	0.00098	0.00051	mg/Kg	☼	10/06/25 10:28	10/09/25 00:35	1
1,1,2-Trichloro-1,2,2-trifluoroethane	0.00098	U	0.00098	0.00029	mg/Kg	☼	10/06/25 10:28	10/09/25 00:35	1
1,1,2-Trichloroethane	0.00098	U	0.00098	0.00059	mg/Kg	☼	10/06/25 10:28	10/09/25 00:35	1
1,1-Dichloroethane	0.00098	U	0.00098	0.00059	mg/Kg	☼	10/06/25 10:28	10/09/25 00:35	1
1,1-Dichloroethene	0.00098	U	0.00098	0.00022	mg/Kg	☼	10/06/25 10:28	10/09/25 00:35	1
1,2,3-Trichlorobenzene	0.00098	U	0.00098	0.00072	mg/Kg	☼	10/06/25 10:28	10/09/25 00:35	1
1,2,4-Trichlorobenzene	0.00098	U	0.00098	0.00035	mg/Kg	☼	10/06/25 10:28	10/09/25 00:35	1
1,2,4-Trimethylbenzene	0.00098	U	0.00098	0.00024	mg/Kg	☼	10/06/25 10:28	10/09/25 00:35	1
1,2-Dibromo-3-Chloropropane	0.00098	U	0.00098	0.00045	mg/Kg	☼	10/06/25 10:28	10/09/25 00:35	1
1,2-Dichlorobenzene	0.00098	U	0.00098	0.00035	mg/Kg	☼	10/06/25 10:28	10/09/25 00:35	1
1,2-Dichloroethane	0.00098	U	0.00098	0.00029	mg/Kg	☼	10/06/25 10:28	10/09/25 00:35	1
1,2-Dichloropropane	0.00098	U	0.00098	0.00041	mg/Kg	☼	10/06/25 10:28	10/09/25 00:35	1
1,3,5-Trimethylbenzene	0.00098	U	0.00098	0.00031	mg/Kg	☼	10/06/25 10:28	10/09/25 00:35	1
1,3-Dichlorobenzene	0.00098	U	0.00098	0.00036	mg/Kg	☼	10/06/25 10:28	10/09/25 00:35	1
1,4-Dichlorobenzene	0.00098	U	0.00098	0.00051	mg/Kg	☼	10/06/25 10:28	10/09/25 00:35	1
2-Butanone (MEK)	0.0049	U	0.0049	0.00036	mg/Kg	☼	10/06/25 10:28	10/09/25 00:35	1
2-Hexanone	0.0049	U	0.0049	0.0017	mg/Kg	☼	10/06/25 10:28	10/09/25 00:35	1
4-Methyl-2-pentanone (MIBK)	0.0049	U	0.0049	0.0015	mg/Kg	☼	10/06/25 10:28	10/09/25 00:35	1
Acetone	**0.012**		0.0059	0.0056	mg/Kg	☼	10/06/25 10:28	10/09/25 00:35	1
Benzene	0.00098	U	0.00098	0.00056	mg/Kg	☼	10/06/25 10:28	10/09/25 00:35	1
Bromoform	0.00098	U	0.00098	0.00042	mg/Kg	☼	10/06/25 10:28	10/09/25 00:35	1
Bromomethane	0.0020	U	0.0020	0.00098	mg/Kg	☼	10/06/25 10:28	10/09/25 00:35	1

Client Sample ID: 1D1_1-2
Date Collected: 10/03/25 12:35
Date Received: 10/03/25 16:15

Lab Sample ID: 460-336467-56
Matrix: Solid
Percent Solids: 93.2

Method: SW846 8260D - Volatile Organic Compounds by GC/MS (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Carbon disulfide	0.00098	U	0.00098	0.00026	mg/Kg	☼	10/06/25 10:28	10/09/25 00:35	1
Carbon tetrachloride	0.00098	U	0.00098	0.00038	mg/Kg	☼	10/06/25 10:28	10/09/25 00:35	1
Chlorobenzene	0.00098	U	0.00098	0.00050	mg/Kg	☼	10/06/25 10:28	10/09/25 00:35	1
Chlorobromomethane	0.00098	U	0.00098	0.00058	mg/Kg	☼	10/06/25 10:28	10/09/25 00:35	1
Chlorodibromomethane	0.00098	U	0.00098	0.00053	mg/Kg	☼	10/06/25 10:28	10/09/25 00:35	1
Chloroethane	0.00098	U	0.00098	0.00051	mg/Kg	☼	10/06/25 10:28	10/09/25 00:35	1
Chloroform	0.00098	U	0.00098	0.00095	mg/Kg	☼	10/06/25 10:28	10/09/25 00:35	1
Chloromethane	0.00098	U	0.00098	0.00043	mg/Kg	☼	10/06/25 10:28	10/09/25 00:35	1
cis-1,2-Dichloroethene	0.00098	U	0.00098	0.00035	mg/Kg	☼	10/06/25 10:28	10/09/25 00:35	1
cis-1,3-Dichloropropene	0.00098	U	0.00098	0.00027	mg/Kg	☼	10/06/25 10:28	10/09/25 00:35	1
Cyclohexane	0.00098	U	0.00098	0.00022	mg/Kg	☼	10/06/25 10:28	10/09/25 00:35	1
Dichlorobromomethane	0.00098	U	0.00098	0.00025	mg/Kg	☼	10/06/25 10:28	10/09/25 00:35	1
Dichlorodifluoromethane	0.00098	U	0.00098	0.00033	mg/Kg	☼	10/06/25 10:28	10/09/25 00:35	1
Ethylbenzene	0.00098	U	0.00098	0.00046	mg/Kg	☼	10/06/25 10:28	10/09/25 00:35	1
Ethylene Dibromide	0.00098	U	0.00098	0.00049	mg/Kg	☼	10/06/25 10:28	10/09/25 00:35	1
Isopropylbenzene	0.00098	U	0.00098	0.00028	mg/Kg	☼	10/06/25 10:28	10/09/25 00:35	1
Methyl acetate	0.0049	U	0.0049	0.0042	mg/Kg	☼	10/06/25 10:28	10/09/25 00:35	1
Methyl tert-butyl ether	0.00098	U	0.00098	0.00050	mg/Kg	☼	10/06/25 10:28	10/09/25 00:35	1
Methylcyclohexane	0.00098	U	0.00098	0.00049	mg/Kg	☼	10/06/25 10:28	10/09/25 00:35	1
Methylene Chloride	0.0020	U	0.0020	0.0011	mg/Kg	☼	10/06/25 10:28	10/09/25 00:35	1
m-Xylene & p-Xylene	0.00098	U	0.00098	0.00041	mg/Kg	☼	10/06/25 10:28	10/09/25 00:35	1
n-Butylbenzene	0.00098	U	0.00098	0.00029	mg/Kg	☼	10/06/25 10:28	10/09/25 00:35	1
N-Propylbenzene	0.00098	U	0.00098	0.00044	mg/Kg	☼	10/06/25 10:28	10/09/25 00:35	1
o-Xylene	0.00098	U	0.00098	0.00045	mg/Kg	☼	10/06/25 10:28	10/09/25 00:35	1
sec-Butylbenzene	0.00098	U	0.00098	0.00028	mg/Kg	☼	10/06/25 10:28	10/09/25 00:35	1
Styrene	0.00098	U	0.00098	0.00027	mg/Kg	☼	10/06/25 10:28	10/09/25 00:35	1
tert-Butylbenzene	0.00098	U	0.00098	0.00027	mg/Kg	☼	10/06/25 10:28	10/09/25 00:35	1
Tetrachloroethene	0.00098	U	0.00098	0.00030	mg/Kg	☼	10/06/25 10:28	10/09/25 00:35	1
Toluene	**0.00044**	**J**	0.00098	0.00023	mg/Kg	☼	10/06/25 10:28	10/09/25 00:35	1
trans-1,2-Dichloroethene	0.00098	U	0.00098	0.00024	mg/Kg	☼	10/06/25 10:28	10/09/25 00:35	1
trans-1,3-Dichloropropene	0.00098	U	0.00098	0.00026	mg/Kg	☼	10/06/25 10:28	10/09/25 00:35	1
Trichloroethene	0.00098	U	0.00098	0.00031	mg/Kg	☼	10/06/25 10:28	10/09/25 00:35	1
Trichlorofluoromethane	0.00098	U	0.00098	0.00040	mg/Kg	☼	10/06/25 10:28	10/09/25 00:35	1
Vinyl chloride	0.00098	U	0.00098	0.00054	mg/Kg	☼	10/06/25 10:28	10/09/25 00:35	1
Xylenes, Total	0.0020	U	0.0020	0.00017	mg/Kg	☼	10/06/25 10:28	10/09/25 00:35	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,2-Dichloroethane-d4 (Surr)	*94*		*65 - 138*	*10/06/25 10:28*	*10/09/25 00:35*	*1*
4-Bromofluorobenzene	*93*		*71 - 128*	*10/06/25 10:28*	*10/09/25 00:35*	*1*
Dibromofluoromethane (Surr)	*97*		*50 - 150*	*10/06/25 10:28*	*10/09/25 00:35*	*1*
Toluene-d8 (Surr)	*100*		*71 - 126*	*10/06/25 10:28*	*10/09/25 00:35*	*1*

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Percent Moisture (EPA Moisture)	**6.8**		1.0	1.0	%			10/09/25 15:55	1
Percent Solids (EPA Moisture)	**93.2**		1.0	1.0	%			10/09/25 15:55	1

Client Sample ID: 1D2_2-3
Date Collected: 10/03/25 12:40
Date Received: 10/03/25 16:15

Lab Sample ID: 460-336467-57
Matrix: Solid
Percent Solids: 90.1

Method: SW846 8260D - Volatile Organic Compounds by GC/MS

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1-Trichloroethane	0.0014	U	0.0014	0.00033	mg/Kg	☼	10/06/25 10:28	10/08/25 17:20	1
1,1,2,2-Tetrachloroethane	0.0014	U	0.0014	0.00074	mg/Kg	☼	10/06/25 10:28	10/08/25 17:20	1
1,1,2-Trichloro-1,2,2-trifluoroethane	0.0014	U	0.0014	0.00043	mg/Kg	☼	10/06/25 10:28	10/08/25 17:20	1
1,1,2-Trichloroethane	0.0014	U	0.0014	0.00085	mg/Kg	☼	10/06/25 10:28	10/08/25 17:20	1
1,1-Dichloroethane	0.0014	U	0.0014	0.00084	mg/Kg	☼	10/06/25 10:28	10/08/25 17:20	1
1,1-Dichloroethene	0.0014	U	0.0014	0.00032	mg/Kg	☼	10/06/25 10:28	10/08/25 17:20	1
1,2,3-Trichlorobenzene	0.0014	U	0.0014	0.0010	mg/Kg	☼	10/06/25 10:28	10/08/25 17:20	1
1,2,4-Trichlorobenzene	0.0014	U	0.0014	0.00051	mg/Kg	☼	10/06/25 10:28	10/08/25 17:20	1
1,2,4-Trimethylbenzene	0.0014	U	0.0014	0.00035	mg/Kg	☼	10/06/25 10:28	10/08/25 17:20	1
1,2-Dibromo-3-Chloropropane	0.0014	U	0.0014	0.00065	mg/Kg	☼	10/06/25 10:28	10/08/25 17:20	1
1,2-Dichlorobenzene	0.0014	U	0.0014	0.00051	mg/Kg	☼	10/06/25 10:28	10/08/25 17:20	1
1,2-Dichloroethane	0.0014	U	0.0014	0.00042	mg/Kg	☼	10/06/25 10:28	10/08/25 17:20	1
1,2-Dichloropropane	0.0014	U	0.0014	0.00060	mg/Kg	☼	10/06/25 10:28	10/08/25 17:20	1
1,3,5-Trimethylbenzene	0.0014	U	0.0014	0.00044	mg/Kg	☼	10/06/25 10:28	10/08/25 17:20	1
1,3-Dichlorobenzene	0.0014	U	0.0014	0.00052	mg/Kg	☼	10/06/25 10:28	10/08/25 17:20	1
1,4-Dichlorobenzene	0.0014	U	0.0014	0.00073	mg/Kg	☼	10/06/25 10:28	10/08/25 17:20	1
2-Butanone (MEK)	0.0071	U	0.0071	0.00052	mg/Kg	☼	10/06/25 10:28	10/08/25 17:20	1
2-Hexanone	0.0071	U	0.0071	0.0024	mg/Kg	☼	10/06/25 10:28	10/08/25 17:20	1
4-Methyl-2-pentanone (MIBK)	0.0071	U	0.0071	0.0022	mg/Kg	☼	10/06/25 10:28	10/08/25 17:20	1
Acetone	**0.053**		0.0085	0.0081	mg/Kg	☼	10/06/25 10:28	10/08/25 17:20	1
Benzene	0.0014	U	0.0014	0.00080	mg/Kg	☼	10/06/25 10:28	10/08/25 17:20	1
Bromoform	0.0014	U	0.0014	0.00060	mg/Kg	☼	10/06/25 10:28	10/08/25 17:20	1
Bromomethane	0.0028	U	0.0028	0.0014	mg/Kg	☼	10/06/25 10:28	10/08/25 17:20	1
Carbon disulfide	0.0014	U	0.0014	0.00038	mg/Kg	☼	10/06/25 10:28	10/08/25 17:20	1
Carbon tetrachloride	0.0014	U	0.0014	0.00055	mg/Kg	☼	10/06/25 10:28	10/08/25 17:20	1
Chlorobenzene	0.0014	U	0.0014	0.00072	mg/Kg	☼	10/06/25 10:28	10/08/25 17:20	1
Chlorobromomethane	0.0014	U	0.0014	0.00084	mg/Kg	☼	10/06/25 10:28	10/08/25 17:20	1
Chlorodibromomethane	0.0014	U	0.0014	0.00076	mg/Kg	☼	10/06/25 10:28	10/08/25 17:20	1
Chloroethane	0.0014	U *	0.0014	0.00074	mg/Kg	☼	10/06/25 10:28	10/08/25 17:20	1
Chloroform	0.0014	U	0.0014	0.0014	mg/Kg	☼	10/06/25 10:28	10/08/25 17:20	1
Chloromethane	0.0014	U	0.0014	0.00061	mg/Kg	☼	10/06/25 10:28	10/08/25 17:20	1
cis-1,2-Dichloroethene	0.0014	U	0.0014	0.00051	mg/Kg	☼	10/06/25 10:28	10/08/25 17:20	1
cis-1,3-Dichloropropene	0.0014	U	0.0014	0.00039	mg/Kg	☼	10/06/25 10:28	10/08/25 17:20	1
Cyclohexane	0.0014	U	0.0014	0.00031	mg/Kg	☼	10/06/25 10:28	10/08/25 17:20	1
Dichlorobromomethane	0.0014	U	0.0014	0.00036	mg/Kg	☼	10/06/25 10:28	10/08/25 17:20	1
Dichlorodifluoromethane	0.0014	U *	0.0014	0.00048	mg/Kg	☼	10/06/25 10:28	10/08/25 17:20	1
Ethylbenzene	0.0014	U	0.0014	0.00066	mg/Kg	☼	10/06/25 10:28	10/08/25 17:20	1
Ethylene Dibromide	0.0014	U	0.0014	0.00071	mg/Kg	☼	10/06/25 10:28	10/08/25 17:20	1
Isopropylbenzene	0.0014	U	0.0014	0.00040	mg/Kg	☼	10/06/25 10:28	10/08/25 17:20	1
Methyl acetate	0.0071	U	0.0071	0.0061	mg/Kg	☼	10/06/25 10:28	10/08/25 17:20	1
Methyl tert-butyl ether	0.0014	U	0.0014	0.00072	mg/Kg	☼	10/06/25 10:28	10/08/25 17:20	1
Methylcyclohexane	0.0014	U	0.0014	0.00071	mg/Kg	☼	10/06/25 10:28	10/08/25 17:20	1
Methylene Chloride	0.0028	U	0.0028	0.0016	mg/Kg	☼	10/06/25 10:28	10/08/25 17:20	1
m-Xylene & p-Xylene	0.0014	U	0.0014	0.00060	mg/Kg	☼	10/06/25 10:28	10/08/25 17:20	1
n-Butylbenzene	0.0014	U	0.0014	0.00042	mg/Kg	☼	10/06/25 10:28	10/08/25 17:20	1
N-Propylbenzene	0.0014	U	0.0014	0.00063	mg/Kg	☼	10/06/25 10:28	10/08/25 17:20	1
o-Xylene	0.0014	U	0.0014	0.00065	mg/Kg	☼	10/06/25 10:28	10/08/25 17:20	1
sec-Butylbenzene	0.0014	U	0.0014	0.00041	mg/Kg	☼	10/06/25 10:28	10/08/25 17:20	1
Styrene	0.0014	U	0.0014	0.00039	mg/Kg	☼	10/06/25 10:28	10/08/25 17:20	1

Client Sample ID: 1D2_2-3

Lab Sample ID: 460-336467-57

Date Collected: 10/03/25 12:40
Matrix: Solid
Date Received: 10/03/25 16:15
Percent Solids: 90.1

Method: SW846 8260D - Volatile Organic Compounds by GC/MS (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
tert-Butylbenzene	0.0014	U	0.0014	0.00039	mg/Kg	☼	10/06/25 10:28	10/08/25 17:20	1
Tetrachloroethene	0.0014	U	0.0014	0.00043	mg/Kg	☼	10/06/25 10:28	10/08/25 17:20	1
Toluene	**0.00086**	**J**	0.0014	0.00033	mg/Kg	☼	10/06/25 10:28	10/08/25 17:20	1
trans-1,2-Dichloroethene	0.0014	U	0.0014	0.00035	mg/Kg	☼	10/06/25 10:28	10/08/25 17:20	1
trans-1,3-Dichloropropene	0.0014	U	0.0014	0.00038	mg/Kg	☼	10/06/25 10:28	10/08/25 17:20	1
Trichloroethene	0.0014	U	0.0014	0.00045	mg/Kg	☼	10/06/25 10:28	10/08/25 17:20	1
Trichlorofluoromethane	0.0014	U	0.0014	0.00057	mg/Kg	☼	10/06/25 10:28	10/08/25 17:20	1
Vinyl chloride	0.0014	U	0.0014	0.00077	mg/Kg	☼	10/06/25 10:28	10/08/25 17:20	1
Xylenes, Total	0.0028	U	0.0028	0.00025	mg/Kg	☼	10/06/25 10:28	10/08/25 17:20	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,2-Dichloroethane-d4 (Surr)	*94*		*65 - 138*	*10/06/25 10:28*	*10/08/25 17:20*	*1*
4-Bromofluorobenzene	*96*		*71 - 128*	*10/06/25 10:28*	*10/08/25 17:20*	*1*
Dibromofluoromethane (Surr)	*99*		*50 - 150*	*10/06/25 10:28*	*10/08/25 17:20*	*1*
Toluene-d8 (Surr)	*101*		*71 - 126*	*10/06/25 10:28*	*10/08/25 17:20*	*1*

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Percent Moisture (EPA Moisture)	**9.9**		1.0	1.0	%			10/09/25 15:55	1
Percent Solids (EPA Moisture)	**90.1**		1.0	1.0	%			10/09/25 15:55	1

Client Sample ID: 1D3_4-5

Lab Sample ID: 460-336467-58

Date Collected: 10/03/25 12:45
Matrix: Solid
Date Received: 10/03/25 16:15
Percent Solids: 96.7

Method: SW846 8260D - Volatile Organic Compounds by GC/MS

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1-Trichloroethane	0.0012	U	0.0012	0.00027	mg/Kg	☼	10/06/25 10:28	10/08/25 17:44	1
1,1,2,2-Tetrachloroethane	0.0012	U	0.0012	0.00060	mg/Kg	☼	10/06/25 10:28	10/08/25 17:44	1
1,1,2-Trichloro-1,2,2-trifluoroethane	0.0012	U	0.0012	0.00035	mg/Kg	☼	10/06/25 10:28	10/08/25 17:44	1
1,1,2-Trichloroethane	0.0012	U	0.0012	0.00070	mg/Kg	☼	10/06/25 10:28	10/08/25 17:44	1
1,1-Dichloroethane	0.0012	U	0.0012	0.00069	mg/Kg	☼	10/06/25 10:28	10/08/25 17:44	1
1,1-Dichloroethene	0.0012	U	0.0012	0.00026	mg/Kg	☼	10/06/25 10:28	10/08/25 17:44	1
1,2,3-Trichlorobenzene	0.0012	U	0.0012	0.00086	mg/Kg	☼	10/06/25 10:28	10/08/25 17:44	1
1,2,4-Trichlorobenzene	0.0012	U	0.0012	0.00041	mg/Kg	☼	10/06/25 10:28	10/08/25 17:44	1
1,2,4-Trimethylbenzene	0.0012	U	0.0012	0.00029	mg/Kg	☼	10/06/25 10:28	10/08/25 17:44	1
1,2-Dibromo-3-Chloropropane	0.0012	U	0.0012	0.00053	mg/Kg	☼	10/06/25 10:28	10/08/25 17:44	1
1,2-Dichlorobenzene	0.0012	U	0.0012	0.00042	mg/Kg	☼	10/06/25 10:28	10/08/25 17:44	1
1,2-Dichloroethane	0.0012	U	0.0012	0.00034	mg/Kg	☼	10/06/25 10:28	10/08/25 17:44	1
1,2-Dichloropropane	0.0012	U	0.0012	0.00049	mg/Kg	☼	10/06/25 10:28	10/08/25 17:44	1
1,3,5-Trimethylbenzene	0.0012	U	0.0012	0.00036	mg/Kg	☼	10/06/25 10:28	10/08/25 17:44	1
1,3-Dichlorobenzene	0.0012	U	0.0012	0.00042	mg/Kg	☼	10/06/25 10:28	10/08/25 17:44	1
1,4-Dichlorobenzene	0.0012	U	0.0012	0.00060	mg/Kg	☼	10/06/25 10:28	10/08/25 17:44	1
2-Butanone (MEK)	0.0058	U	0.0058	0.00043	mg/Kg	☼	10/06/25 10:28	10/08/25 17:44	1
2-Hexanone	0.0058	U	0.0058	0.0020	mg/Kg	☼	10/06/25 10:28	10/08/25 17:44	1
4-Methyl-2-pentanone (MIBK)	0.0058	U	0.0058	0.0018	mg/Kg	☼	10/06/25 10:28	10/08/25 17:44	1
Acetone	0.0070	U	0.0070	0.0066	mg/Kg	☼	10/06/25 10:28	10/08/25 17:44	1
Benzene	0.0012	U	0.0012	0.00066	mg/Kg	☼	10/06/25 10:28	10/08/25 17:44	1
Bromoform	0.0012	U	0.0012	0.00049	mg/Kg	☼	10/06/25 10:28	10/08/25 17:44	1
Bromomethane	0.0023	U	0.0023	0.0012	mg/Kg	☼	10/06/25 10:28	10/08/25 17:44	1

Client Sample ID: 1D3_4-5
Date Collected: 10/03/25 12:45
Date Received: 10/03/25 16:15

Lab Sample ID: 460-336467-58
Matrix: Solid
Percent Solids: 96.7

Method: SW846 8260D - Volatile Organic Compounds by GC/MS (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Carbon disulfide	0.0012	U	0.0012	0.00031	mg/Kg	☼	10/06/25 10:28	10/08/25 17:44	1
Carbon tetrachloride	0.0012	U	0.0012	0.00045	mg/Kg	☼	10/06/25 10:28	10/08/25 17:44	1
Chlorobenzene	0.0012	U	0.0012	0.00059	mg/Kg	☼	10/06/25 10:28	10/08/25 17:44	1
Chlorobromomethane	0.0012	U	0.0012	0.00069	mg/Kg	☼	10/06/25 10:28	10/08/25 17:44	1
Chlorodibromomethane	0.0012	U	0.0012	0.00062	mg/Kg	☼	10/06/25 10:28	10/08/25 17:44	1
Chloroethane	0.0012	U *	0.0012	0.00060	mg/Kg	☼	10/06/25 10:28	10/08/25 17:44	1
Chloroform	0.0012	U	0.0012	0.0011	mg/Kg	☼	10/06/25 10:28	10/08/25 17:44	1
Chloromethane	0.0012	U	0.0012	0.00050	mg/Kg	☼	10/06/25 10:28	10/08/25 17:44	1
cis-1,2-Dichloroethene	0.0012	U	0.0012	0.00041	mg/Kg	☼	10/06/25 10:28	10/08/25 17:44	1
cis-1,3-Dichloropropene	0.0012	U	0.0012	0.00032	mg/Kg	☼	10/06/25 10:28	10/08/25 17:44	1
Cyclohexane	0.0012	U	0.0012	0.00026	mg/Kg	☼	10/06/25 10:28	10/08/25 17:44	1
Dichlorobromomethane	0.0012	U	0.0012	0.00030	mg/Kg	☼	10/06/25 10:28	10/08/25 17:44	1
Dichlorodifluoromethane	0.0012	U *	0.0012	0.00039	mg/Kg	☼	10/06/25 10:28	10/08/25 17:44	1
Ethylbenzene	0.0012	U	0.0012	0.00054	mg/Kg	☼	10/06/25 10:28	10/08/25 17:44	1
Ethylene Dibromide	0.0012	U	0.0012	0.00058	mg/Kg	☼	10/06/25 10:28	10/08/25 17:44	1
Isopropylbenzene	0.0012	U	0.0012	0.00033	mg/Kg	☼	10/06/25 10:28	10/08/25 17:44	1
Methyl acetate	0.0058	U	0.0058	0.0050	mg/Kg	☼	10/06/25 10:28	10/08/25 17:44	1
Methyl tert-butyl ether	0.0012	U	0.0012	0.00059	mg/Kg	☼	10/06/25 10:28	10/08/25 17:44	1
Methylcyclohexane	0.0012	U	0.0012	0.00058	mg/Kg	☼	10/06/25 10:28	10/08/25 17:44	1
Methylene Chloride	0.0023	U	0.0023	0.0013	mg/Kg	☼	10/06/25 10:28	10/08/25 17:44	1
m-Xylene & p-Xylene	0.0012	U	0.0012	0.00049	mg/Kg	☼	10/06/25 10:28	10/08/25 17:44	1
n-Butylbenzene	0.0012	U	0.0012	0.00034	mg/Kg	☼	10/06/25 10:28	10/08/25 17:44	1
N-Propylbenzene	0.0012	U	0.0012	0.00052	mg/Kg	☼	10/06/25 10:28	10/08/25 17:44	1
o-Xylene	0.0012	U	0.0012	0.00053	mg/Kg	☼	10/06/25 10:28	10/08/25 17:44	1
sec-Butylbenzene	0.0012	U	0.0012	0.00033	mg/Kg	☼	10/06/25 10:28	10/08/25 17:44	1
Styrene	0.0012	U	0.0012	0.00032	mg/Kg	☼	10/06/25 10:28	10/08/25 17:44	1
tert-Butylbenzene	0.0012	U	0.0012	0.00032	mg/Kg	☼	10/06/25 10:28	10/08/25 17:44	1
Tetrachloroethene	0.0012	U	0.0012	0.00035	mg/Kg	☼	10/06/25 10:28	10/08/25 17:44	1
Toluene	0.0012	U	0.0012	0.00027	mg/Kg	☼	10/06/25 10:28	10/08/25 17:44	1
trans-1,2-Dichloroethene	0.0012	U	0.0012	0.00029	mg/Kg	☼	10/06/25 10:28	10/08/25 17:44	1
trans-1,3-Dichloropropene	0.0012	U	0.0012	0.00031	mg/Kg	☼	10/06/25 10:28	10/08/25 17:44	1
Trichloroethene	0.0012	U	0.0012	0.00037	mg/Kg	☼	10/06/25 10:28	10/08/25 17:44	1
Trichlorofluoromethane	0.0012	U	0.0012	0.00047	mg/Kg	☼	10/06/25 10:28	10/08/25 17:44	1
Vinyl chloride	0.0012	U	0.0012	0.00063	mg/Kg	☼	10/06/25 10:28	10/08/25 17:44	1
Xylenes, Total	0.0023	U	0.0023	0.00020	mg/Kg	☼	10/06/25 10:28	10/08/25 17:44	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,2-Dichloroethane-d4 (Surr)	*94*		*65 - 138*	*10/06/25 10:28*	*10/08/25 17:44*	*1*
4-Bromofluorobenzene	*98*		*71 - 128*	*10/06/25 10:28*	*10/08/25 17:44*	*1*
Dibromofluoromethane (Surr)	*98*		*50 - 150*	*10/06/25 10:28*	*10/08/25 17:44*	*1*
Toluene-d8 (Surr)	*101*		*71 - 126*	*10/06/25 10:28*	*10/08/25 17:44*	*1*

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Percent Moisture (EPA Moisture)	**3.3**		1.0	1.0	%			10/09/25 15:55	1
Percent Solids (EPA Moisture)	**96.7**		1.0	1.0	%			10/09/25 15:55	1

Client: Haley & Aldrich, Inc.
Project/Site: Former Port Mobil

Job ID: 460-336467-1

Client Sample ID: 1D1_6-7
Date Collected: 10/03/25 12:50
Date Received: 10/03/25 16:15

Lab Sample ID: 460-336467-59
Matrix: Solid
Percent Solids: 92.7

Method: SW846 8260D - Volatile Organic Compounds by GC/MS

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1-Trichloroethane	0.0011	U	0.0011	0.00026	mg/Kg	☼	10/06/25 10:29	10/08/25 18:08	1
1,1,2,2-Tetrachloroethane	0.0011	U	0.0011	0.00059	mg/Kg	☼	10/06/25 10:29	10/08/25 18:08	1
1,1,2-Trichloro-1,2,2-trifluoroethane	0.0011	U	0.0011	0.00034	mg/Kg	☼	10/06/25 10:29	10/08/25 18:08	1
1,1,2-Trichloroethane	0.0011	U	0.0011	0.00068	mg/Kg	☼	10/06/25 10:29	10/08/25 18:08	1
1,1-Dichloroethane	0.0011	U	0.0011	0.00068	mg/Kg	☼	10/06/25 10:29	10/08/25 18:08	1
1,1-Dichloroethene	0.0011	U	0.0011	0.00026	mg/Kg	☼	10/06/25 10:29	10/08/25 18:08	1
1,2,3-Trichlorobenzene	0.0011	U	0.0011	0.00084	mg/Kg	☼	10/06/25 10:29	10/08/25 18:08	1
1,2,4-Trichlorobenzene	0.0011	U	0.0011	0.00041	mg/Kg	☼	10/06/25 10:29	10/08/25 18:08	1
1,2,4-Trimethylbenzene	0.0011	U	0.0011	0.00028	mg/Kg	☼	10/06/25 10:29	10/08/25 18:08	1
1,2-Dibromo-3-Chloropropane	0.0011	U	0.0011	0.00052	mg/Kg	☼	10/06/25 10:29	10/08/25 18:08	1
1,2-Dichlorobenzene	0.0011	U	0.0011	0.00041	mg/Kg	☼	10/06/25 10:29	10/08/25 18:08	1
1,2-Dichloroethane	0.0011	U	0.0011	0.00034	mg/Kg	☼	10/06/25 10:29	10/08/25 18:08	1
1,2-Dichloropropane	0.0011	U	0.0011	0.00048	mg/Kg	☼	10/06/25 10:29	10/08/25 18:08	1
1,3,5-Trimethylbenzene	0.0011	U	0.0011	0.00036	mg/Kg	☼	10/06/25 10:29	10/08/25 18:08	1
1,3-Dichlorobenzene	0.0011	U	0.0011	0.00041	mg/Kg	☼	10/06/25 10:29	10/08/25 18:08	1
1,4-Dichlorobenzene	0.0011	U	0.0011	0.00059	mg/Kg	☼	10/06/25 10:29	10/08/25 18:08	1
2-Butanone (MEK)	0.0057	U	0.0057	0.00042	mg/Kg	☼	10/06/25 10:29	10/08/25 18:08	1
2-Hexanone	0.0057	U	0.0057	0.0019	mg/Kg	☼	10/06/25 10:29	10/08/25 18:08	1
4-Methyl-2-pentanone (MIBK)	0.0057	U	0.0057	0.0018	mg/Kg	☼	10/06/25 10:29	10/08/25 18:08	1
Acetone	0.0068	U	0.0068	0.0065	mg/Kg	☼	10/06/25 10:29	10/08/25 18:08	1
Benzene	0.0011	U	0.0011	0.00064	mg/Kg	☼	10/06/25 10:29	10/08/25 18:08	1
Bromoform	0.0011	U	0.0011	0.00048	mg/Kg	☼	10/06/25 10:29	10/08/25 18:08	1
Bromomethane	0.0023	U	0.0023	0.0011	mg/Kg	☼	10/06/25 10:29	10/08/25 18:08	1
Carbon disulfide	0.0011	U	0.0011	0.00030	mg/Kg	☼	10/06/25 10:29	10/08/25 18:08	1
Carbon tetrachloride	0.0011	U	0.0011	0.00044	mg/Kg	☼	10/06/25 10:29	10/08/25 18:08	1
Chlorobenzene	0.0011	U	0.0011	0.00058	mg/Kg	☼	10/06/25 10:29	10/08/25 18:08	1
Chlorobromomethane	0.0011	U	0.0011	0.00068	mg/Kg	☼	10/06/25 10:29	10/08/25 18:08	1
Chlorodibromomethane	0.0011	U	0.0011	0.00061	mg/Kg	☼	10/06/25 10:29	10/08/25 18:08	1
Chloroethane	0.0011	U *	0.0011	0.00059	mg/Kg	☼	10/06/25 10:29	10/08/25 18:08	1
Chloroform	0.0011	U	0.0011	0.0011	mg/Kg	☼	10/06/25 10:29	10/08/25 18:08	1
Chloromethane	0.0011	U	0.0011	0.00049	mg/Kg	☼	10/06/25 10:29	10/08/25 18:08	1
cis-1,2-Dichloroethene	0.0011	U	0.0011	0.00041	mg/Kg	☼	10/06/25 10:29	10/08/25 18:08	1
cis-1,3-Dichloropropene	0.0011	U	0.0011	0.00031	mg/Kg	☼	10/06/25 10:29	10/08/25 18:08	1
Cyclohexane	0.0011	U	0.0011	0.00025	mg/Kg	☼	10/06/25 10:29	10/08/25 18:08	1
Dichlorobromomethane	0.0011	U	0.0011	0.00029	mg/Kg	☼	10/06/25 10:29	10/08/25 18:08	1
Dichlorodifluoromethane	0.0011	U *	0.0011	0.00038	mg/Kg	☼	10/06/25 10:29	10/08/25 18:08	1
Ethylbenzene	0.0011	U	0.0011	0.00053	mg/Kg	☼	10/06/25 10:29	10/08/25 18:08	1
Ethylene Dibromide	0.0011	U	0.0011	0.00057	mg/Kg	☼	10/06/25 10:29	10/08/25 18:08	1
Isopropylbenzene	0.0011	U	0.0011	0.00032	mg/Kg	☼	10/06/25 10:29	10/08/25 18:08	1
Methyl acetate	0.0057	U	0.0057	0.0049	mg/Kg	☼	10/06/25 10:29	10/08/25 18:08	1
Methyl tert-butyl ether	0.0011	U	0.0011	0.00058	mg/Kg	☼	10/06/25 10:29	10/08/25 18:08	1
Methylcyclohexane	0.0011	U	0.0011	0.00057	mg/Kg	☼	10/06/25 10:29	10/08/25 18:08	1
Methylene Chloride	0.0023	U	0.0023	0.0013	mg/Kg	☼	10/06/25 10:29	10/08/25 18:08	1
m-Xylene & p-Xylene	0.0011	U	0.0011	0.00048	mg/Kg	☼	10/06/25 10:29	10/08/25 18:08	1
n-Butylbenzene	0.0011	U	0.0011	0.00033	mg/Kg	☼	10/06/25 10:29	10/08/25 18:08	1
N-Propylbenzene	0.0011	U	0.0011	0.00051	mg/Kg	☼	10/06/25 10:29	10/08/25 18:08	1
o-Xylene	0.0011	U	0.0011	0.00052	mg/Kg	☼	10/06/25 10:29	10/08/25 18:08	1
sec-Butylbenzene	0.0011	U	0.0011	0.00033	mg/Kg	☼	10/06/25 10:29	10/08/25 18:08	1
Styrene	0.0011	U	0.0011	0.00032	mg/Kg	☼	10/06/25 10:29	10/08/25 18:08	1

Client Sample ID: 1D1_6-7

Lab Sample ID: 460-336467-59

Date Collected: 10/03/25 12:50

Matrix: Solid

Date Received: 10/03/25 16:15

Percent Solids: 92.7

Method: SW846 8260D - Volatile Organic Compounds by GC/MS (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
tert-Butylbenzene	0.0011	U	0.0011	0.00031	mg/Kg	☼	10/06/25 10:29	10/08/25 18:08	1
Tetrachloroethene	0.0011	U	0.0011	0.00035	mg/Kg	☼	10/06/25 10:29	10/08/25 18:08	1
Toluene	**0.00088**	**J**	0.0011	0.00027	mg/Kg	☼	10/06/25 10:29	10/08/25 18:08	1
trans-1,2-Dichloroethene	0.0011	U	0.0011	0.00028	mg/Kg	☼	10/06/25 10:29	10/08/25 18:08	1
trans-1,3-Dichloropropene	0.0011	U	0.0011	0.00030	mg/Kg	☼	10/06/25 10:29	10/08/25 18:08	1
Trichloroethene	0.0011	U	0.0011	0.00036	mg/Kg	☼	10/06/25 10:29	10/08/25 18:08	1
Trichlorofluoromethane	0.0011	U	0.0011	0.00046	mg/Kg	☼	10/06/25 10:29	10/08/25 18:08	1
Vinyl chloride	0.0011	U	0.0011	0.00062	mg/Kg	☼	10/06/25 10:29	10/08/25 18:08	1
Xylenes, Total	0.0023	U	0.0023	0.00020	mg/Kg	☼	10/06/25 10:29	10/08/25 18:08	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,2-Dichloroethane-d4 (Surr)	*93*		*65 - 138*	*10/06/25 10:29*	*10/08/25 18:08*	*1*
4-Bromofluorobenzene	*97*		*71 - 128*	*10/06/25 10:29*	*10/08/25 18:08*	*1*
Dibromofluoromethane (Surr)	*97*		*50 - 150*	*10/06/25 10:29*	*10/08/25 18:08*	*1*
Toluene-d8 (Surr)	*100*		*71 - 126*	*10/06/25 10:29*	*10/08/25 18:08*	*1*

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Percent Moisture (EPA Moisture)	**7.3**		1.0	1.0	%			10/09/25 15:55	1
Percent Solids (EPA Moisture)	**92.7**		1.0	1.0	%			10/09/25 15:55	1

Client Sample ID: 1D2_7-8

Lab Sample ID: 460-336467-60

Date Collected: 10/03/25 12:55

Matrix: Solid

Date Received: 10/03/25 16:15

Percent Solids: 89.9

Method: SW846 8260D - Volatile Organic Compounds by GC/MS

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1-Trichloroethane	0.00098	U	0.00098	0.00023	mg/Kg	☼	10/06/25 10:29	10/08/25 22:58	1
1,1,2,2-Tetrachloroethane	0.00098	U	0.00098	0.00051	mg/Kg	☼	10/06/25 10:29	10/08/25 22:58	1
1,1,2-Trichloro-1,2,2-trifluoroethane	0.00098	U	0.00098	0.00029	mg/Kg	☼	10/06/25 10:29	10/08/25 22:58	1
1,1,2-Trichloroethane	0.00098	U	0.00098	0.00059	mg/Kg	☼	10/06/25 10:29	10/08/25 22:58	1
1,1-Dichloroethane	0.00098	U	0.00098	0.00058	mg/Kg	☼	10/06/25 10:29	10/08/25 22:58	1
1,1-Dichloroethene	0.00098	U	0.00098	0.00022	mg/Kg	☼	10/06/25 10:29	10/08/25 22:58	1
1,2,3-Trichlorobenzene	0.00098	U	0.00098	0.00072	mg/Kg	☼	10/06/25 10:29	10/08/25 22:58	1
1,2,4-Trichlorobenzene	0.00098	U	0.00098	0.00035	mg/Kg	☼	10/06/25 10:29	10/08/25 22:58	1
1,2,4-Trimethylbenzene	0.00098	U	0.00098	0.00024	mg/Kg	☼	10/06/25 10:29	10/08/25 22:58	1
1,2-Dibromo-3-Chloropropane	0.00098	U	0.00098	0.00045	mg/Kg	☼	10/06/25 10:29	10/08/25 22:58	1
1,2-Dichlorobenzene	0.00098	U	0.00098	0.00035	mg/Kg	☼	10/06/25 10:29	10/08/25 22:58	1
1,2-Dichloroethane	0.00098	U	0.00098	0.00029	mg/Kg	☼	10/06/25 10:29	10/08/25 22:58	1
1,2-Dichloropropane	0.00098	U	0.00098	0.00041	mg/Kg	☼	10/06/25 10:29	10/08/25 22:58	1
1,3,5-Trimethylbenzene	0.00098	U	0.00098	0.00031	mg/Kg	☼	10/06/25 10:29	10/08/25 22:58	1
1,3-Dichlorobenzene	0.00098	U	0.00098	0.00036	mg/Kg	☼	10/06/25 10:29	10/08/25 22:58	1
1,4-Dichlorobenzene	0.00098	U	0.00098	0.00051	mg/Kg	☼	10/06/25 10:29	10/08/25 22:58	1
2-Butanone (MEK)	0.0049	U	0.0049	0.00036	mg/Kg	☼	10/06/25 10:29	10/08/25 22:58	1
2-Hexanone	0.0049	U	0.0049	0.0017	mg/Kg	☼	10/06/25 10:29	10/08/25 22:58	1
4-Methyl-2-pentanone (MIBK)	0.0049	U	0.0049	0.0015	mg/Kg	☼	10/06/25 10:29	10/08/25 22:58	1
Acetone	**0.029**		0.0059	0.0056	mg/Kg	☼	10/06/25 10:29	10/08/25 22:58	1
Benzene	0.00098	U	0.00098	0.00056	mg/Kg	☼	10/06/25 10:29	10/08/25 22:58	1
Bromoform	0.00098	U	0.00098	0.00042	mg/Kg	☼	10/06/25 10:29	10/08/25 22:58	1
Bromomethane	0.0020	U	0.0020	0.00098	mg/Kg	☼	10/06/25 10:29	10/08/25 22:58	1

Client: Haley & Aldrich, Inc.
Project/Site: Former Port Mobil

Job ID: 460-336467-1

Client Sample ID: 1D2_7-8
Date Collected: 10/03/25 12:55
Date Received: 10/03/25 16:15

Lab Sample ID: 460-336467-60
Matrix: Solid
Percent Solids: 89.9

Method: SW846 8260D - Volatile Organic Compounds by GC/MS (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Carbon disulfide	0.00098	U	0.00098	0.00026	mg/Kg	☼	10/06/25 10:29	10/08/25 22:58	1
Carbon tetrachloride	0.00098	U	0.00098	0.00038	mg/Kg	☼	10/06/25 10:29	10/08/25 22:58	1
Chlorobenzene	0.00098	U	0.00098	0.00050	mg/Kg	☼	10/06/25 10:29	10/08/25 22:58	1
Chlorobromomethane	0.00098	U	0.00098	0.00058	mg/Kg	☼	10/06/25 10:29	10/08/25 22:58	1
Chlorodibromomethane	0.00098	U	0.00098	0.00053	mg/Kg	☼	10/06/25 10:29	10/08/25 22:58	1
Chloroethane	0.00098	U	0.00098	0.00051	mg/Kg	☼	10/06/25 10:29	10/08/25 22:58	1
Chloroform	0.00098	U	0.00098	0.00095	mg/Kg	☼	10/06/25 10:29	10/08/25 22:58	1
Chloromethane	0.00098	U	0.00098	0.00043	mg/Kg	☼	10/06/25 10:29	10/08/25 22:58	1
cis-1,2-Dichloroethene	0.00098	U	0.00098	0.00035	mg/Kg	☼	10/06/25 10:29	10/08/25 22:58	1
cis-1,3-Dichloropropene	0.00098	U	0.00098	0.00027	mg/Kg	☼	10/06/25 10:29	10/08/25 22:58	1
Cyclohexane	0.00098	U	0.00098	0.00022	mg/Kg	☼	10/06/25 10:29	10/08/25 22:58	1
Dichlorobromomethane	0.00098	U	0.00098	0.00025	mg/Kg	☼	10/06/25 10:29	10/08/25 22:58	1
Dichlorodifluoromethane	0.00098	U	0.00098	0.00033	mg/Kg	☼	10/06/25 10:29	10/08/25 22:58	1
Ethylbenzene	0.00098	U	0.00098	0.00046	mg/Kg	☼	10/06/25 10:29	10/08/25 22:58	1
Ethylene Dibromide	0.00098	U	0.00098	0.00049	mg/Kg	☼	10/06/25 10:29	10/08/25 22:58	1
Isopropylbenzene	0.00098	U	0.00098	0.00028	mg/Kg	☼	10/06/25 10:29	10/08/25 22:58	1
Methyl acetate	0.0049	U	0.0049	0.0042	mg/Kg	☼	10/06/25 10:29	10/08/25 22:58	1
Methyl tert-butyl ether	0.00098	U	0.00098	0.00050	mg/Kg	☼	10/06/25 10:29	10/08/25 22:58	1
Methylcyclohexane	0.00098	U	0.00098	0.00049	mg/Kg	☼	10/06/25 10:29	10/08/25 22:58	1
Methylene Chloride	0.0020	U	0.0020	0.0011	mg/Kg	☼	10/06/25 10:29	10/08/25 22:58	1
m-Xylene & p-Xylene	0.00098	U	0.00098	0.00041	mg/Kg	☼	10/06/25 10:29	10/08/25 22:58	1
n-Butylbenzene	0.00098	U	0.00098	0.00029	mg/Kg	☼	10/06/25 10:29	10/08/25 22:58	1
N-Propylbenzene	0.00098	U	0.00098	0.00044	mg/Kg	☼	10/06/25 10:29	10/08/25 22:58	1
o-Xylene	0.00098	U	0.00098	0.00045	mg/Kg	☼	10/06/25 10:29	10/08/25 22:58	1
sec-Butylbenzene	0.00098	U	0.00098	0.00028	mg/Kg	☼	10/06/25 10:29	10/08/25 22:58	1
Styrene	0.00098	U	0.00098	0.00027	mg/Kg	☼	10/06/25 10:29	10/08/25 22:58	1
tert-Butylbenzene	0.00098	U	0.00098	0.00027	mg/Kg	☼	10/06/25 10:29	10/08/25 22:58	1
Tetrachloroethene	0.00098	U	0.00098	0.00030	mg/Kg	☼	10/06/25 10:29	10/08/25 22:58	1
Toluene	**0.00095**	**J**	0.00098	0.00023	mg/Kg	☼	10/06/25 10:29	10/08/25 22:58	1
trans-1,2-Dichloroethene	0.00098	U	0.00098	0.00024	mg/Kg	☼	10/06/25 10:29	10/08/25 22:58	1
trans-1,3-Dichloropropene	0.00098	U	0.00098	0.00026	mg/Kg	☼	10/06/25 10:29	10/08/25 22:58	1
Trichloroethene	0.00098	U	0.00098	0.00031	mg/Kg	☼	10/06/25 10:29	10/08/25 22:58	1
Trichlorofluoromethane	0.00098	U	0.00098	0.00040	mg/Kg	☼	10/06/25 10:29	10/08/25 22:58	1
Vinyl chloride	0.00098	U	0.00098	0.00053	mg/Kg	☼	10/06/25 10:29	10/08/25 22:58	1
Xylenes, Total	0.0020	U	0.0020	0.00017	mg/Kg	☼	10/06/25 10:29	10/08/25 22:58	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,2-Dichloroethane-d4 (Surr)	*92*		*65 - 138*	*10/06/25 10:29*	*10/08/25 22:58*	*1*
4-Bromofluorobenzene	*94*		*71 - 128*	*10/06/25 10:29*	*10/08/25 22:58*	*1*
Dibromofluoromethane (Surr)	*96*		*50 - 150*	*10/06/25 10:29*	*10/08/25 22:58*	*1*
Toluene-d8 (Surr)	*100*		*71 - 126*	*10/06/25 10:29*	*10/08/25 22:58*	*1*

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Percent Moisture (EPA Moisture)	**10.1**		1.0	1.0	%			10/09/25 20:18	1
Percent Solids (EPA Moisture)	**89.9**		1.0	1.0	%			10/09/25 20:18	1

Client Sample ID: 1D3_9-10

Date Collected: 10/03/25 13:00
Date Received: 10/03/25 16:15

Lab Sample ID: 460-336467-61

Matrix: Solid
Percent Solids: 94.8

Method: SW846 8260D - Volatile Organic Compounds by GC/MS

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1-Trichloroethane	0.0010	U	0.0010	0.00024	mg/Kg	☼	10/06/25 10:30	10/08/25 18:57	1
1,1,2,2-Tetrachloroethane	0.0010	U	0.0010	0.00053	mg/Kg	☼	10/06/25 10:30	10/08/25 18:57	1
1,1,2-Trichloro-1,2,2-trifluoroethane	0.0010	U	0.0010	0.00030	mg/Kg	☼	10/06/25 10:30	10/08/25 18:57	1
1,1,2-Trichloroethane	0.0010	U	0.0010	0.00061	mg/Kg	☼	10/06/25 10:30	10/08/25 18:57	1
1,1-Dichloroethane	0.0010	U	0.0010	0.00060	mg/Kg	☼	10/06/25 10:30	10/08/25 18:57	1
1,1-Dichloroethene	0.0010	U	0.0010	0.00023	mg/Kg	☼	10/06/25 10:30	10/08/25 18:57	1
1,2,3-Trichlorobenzene	0.0010	U	0.0010	0.00075	mg/Kg	☼	10/06/25 10:30	10/08/25 18:57	1
1,2,4-Trichlorobenzene	0.0010	U	0.0010	0.00036	mg/Kg	☼	10/06/25 10:30	10/08/25 18:57	1
1,2,4-Trimethylbenzene	0.0010	U	0.0010	0.00025	mg/Kg	☼	10/06/25 10:30	10/08/25 18:57	1
1,2-Dibromo-3-Chloropropane	0.0010	U	0.0010	0.00047	mg/Kg	☼	10/06/25 10:30	10/08/25 18:57	1
1,2-Dichlorobenzene	0.0010	U	0.0010	0.00036	mg/Kg	☼	10/06/25 10:30	10/08/25 18:57	1
1,2-Dichloroethane	0.0010	U	0.0010	0.00030	mg/Kg	☼	10/06/25 10:30	10/08/25 18:57	1
1,2-Dichloropropane	0.0010	U	0.0010	0.00043	mg/Kg	☼	10/06/25 10:30	10/08/25 18:57	1
1,3,5-Trimethylbenzene	0.0010	U	0.0010	0.00032	mg/Kg	☼	10/06/25 10:30	10/08/25 18:57	1
1,3-Dichlorobenzene	0.0010	U	0.0010	0.00037	mg/Kg	☼	10/06/25 10:30	10/08/25 18:57	1
1,4-Dichlorobenzene	0.0010	U	0.0010	0.00052	mg/Kg	☼	10/06/25 10:30	10/08/25 18:57	1
2-Butanone (MEK)	0.0051	U	0.0051	0.00037	mg/Kg	☼	10/06/25 10:30	10/08/25 18:57	1
2-Hexanone	0.0051	U	0.0051	0.0017	mg/Kg	☼	10/06/25 10:30	10/08/25 18:57	1
4-Methyl-2-pentanone (MIBK)	0.0051	U	0.0051	0.0016	mg/Kg	☼	10/06/25 10:30	10/08/25 18:57	1
Acetone	**0.036**		0.0061	0.0058	mg/Kg	☼	10/06/25 10:30	10/08/25 18:57	1
Benzene	0.0010	U	0.0010	0.00057	mg/Kg	☼	10/06/25 10:30	10/08/25 18:57	1
Bromoform	0.0010	U	0.0010	0.00043	mg/Kg	☼	10/06/25 10:30	10/08/25 18:57	1
Bromomethane	0.0020	U	0.0020	0.0010	mg/Kg	☼	10/06/25 10:30	10/08/25 18:57	1
Carbon disulfide	0.0010	U	0.0010	0.00027	mg/Kg	☼	10/06/25 10:30	10/08/25 18:57	1
Carbon tetrachloride	0.0010	U	0.0010	0.00039	mg/Kg	☼	10/06/25 10:30	10/08/25 18:57	1
Chlorobenzene	0.0010	U	0.0010	0.00051	mg/Kg	☼	10/06/25 10:30	10/08/25 18:57	1
Chlorobromomethane	0.0010	U	0.0010	0.00060	mg/Kg	☼	10/06/25 10:30	10/08/25 18:57	1
Chlorodibromomethane	0.0010	U	0.0010	0.00054	mg/Kg	☼	10/06/25 10:30	10/08/25 18:57	1
Chloroethane	0.0010	U *	0.0010	0.00053	mg/Kg	☼	10/06/25 10:30	10/08/25 18:57	1
Chloroform	0.0010	U	0.0010	0.00098	mg/Kg	☼	10/06/25 10:30	10/08/25 18:57	1
Chloromethane	0.0010	U	0.0010	0.00044	mg/Kg	☼	10/06/25 10:30	10/08/25 18:57	1
cis-1,2-Dichloroethene	0.0010	U	0.0010	0.00036	mg/Kg	☼	10/06/25 10:30	10/08/25 18:57	1
cis-1,3-Dichloropropene	0.0010	U	0.0010	0.00028	mg/Kg	☼	10/06/25 10:30	10/08/25 18:57	1
Cyclohexane	0.0010	U	0.0010	0.00022	mg/Kg	☼	10/06/25 10:30	10/08/25 18:57	1
Dichlorobromomethane	0.0010	U	0.0010	0.00026	mg/Kg	☼	10/06/25 10:30	10/08/25 18:57	1
Dichlorodifluoromethane	0.0010	U *	0.0010	0.00034	mg/Kg	☼	10/06/25 10:30	10/08/25 18:57	1
Ethylbenzene	0.0010	U	0.0010	0.00047	mg/Kg	☼	10/06/25 10:30	10/08/25 18:57	1
Ethylene Dibromide	0.0010	U	0.0010	0.00051	mg/Kg	☼	10/06/25 10:30	10/08/25 18:57	1
Isopropylbenzene	0.0010	U	0.0010	0.00029	mg/Kg	☼	10/06/25 10:30	10/08/25 18:57	1
Methyl acetate	0.0051	U	0.0051	0.0043	mg/Kg	☼	10/06/25 10:30	10/08/25 18:57	1
Methyl tert-butyl ether	0.0010	U	0.0010	0.00052	mg/Kg	☼	10/06/25 10:30	10/08/25 18:57	1
Methylcyclohexane	0.0010	U	0.0010	0.00050	mg/Kg	☼	10/06/25 10:30	10/08/25 18:57	1
Methylene Chloride	0.0020	U	0.0020	0.0012	mg/Kg	☼	10/06/25 10:30	10/08/25 18:57	1
m-Xylene & p-Xylene	0.0010	U	0.0010	0.00043	mg/Kg	☼	10/06/25 10:30	10/08/25 18:57	1
n-Butylbenzene	0.0010	U	0.0010	0.00030	mg/Kg	☼	10/06/25 10:30	10/08/25 18:57	1
N-Propylbenzene	0.0010	U	0.0010	0.00045	mg/Kg	☼	10/06/25 10:30	10/08/25 18:57	1
o-Xylene	0.0010	U	0.0010	0.00047	mg/Kg	☼	10/06/25 10:30	10/08/25 18:57	1
sec-Butylbenzene	0.0010	U	0.0010	0.00029	mg/Kg	☼	10/06/25 10:30	10/08/25 18:57	1
Styrene	0.0010	U	0.0010	0.00028	mg/Kg	☼	10/06/25 10:30	10/08/25 18:57	1

Client Sample ID: 1D3_9-10

Lab Sample ID: 460-336467-61

Date Collected: 10/03/25 13:00

Matrix: Solid

Date Received: 10/03/25 16:15

Percent Solids: 94.8

Method: SW846 8260D - Volatile Organic Compounds by GC/MS (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
tert-Butylbenzene	0.0010	U	0.0010	0.00028	mg/Kg	☼	10/06/25 10:30	10/08/25 18:57	1
Tetrachloroethene	0.0010	U	0.0010	0.00031	mg/Kg	☼	10/06/25 10:30	10/08/25 18:57	1
Toluene	**0.00068**	**J**	0.0010	0.00024	mg/Kg	☼	10/06/25 10:30	10/08/25 18:57	1
trans-1,2-Dichloroethene	0.0010	U	0.0010	0.00025	mg/Kg	☼	10/06/25 10:30	10/08/25 18:57	1
trans-1,3-Dichloropropene	0.0010	U	0.0010	0.00027	mg/Kg	☼	10/06/25 10:30	10/08/25 18:57	1
Trichloroethene	0.0010	U	0.0010	0.00032	mg/Kg	☼	10/06/25 10:30	10/08/25 18:57	1
Trichlorofluoromethane	0.0010	U	0.0010	0.00041	mg/Kg	☼	10/06/25 10:30	10/08/25 18:57	1
Vinyl chloride	0.0010	U	0.0010	0.00055	mg/Kg	☼	10/06/25 10:30	10/08/25 18:57	1
Xylenes, Total	0.0020	U	0.0020	0.00018	mg/Kg	☼	10/06/25 10:30	10/08/25 18:57	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,2-Dichloroethane-d4 (Surr)	*94*		*65 - 138*	*10/06/25 10:30*	*10/08/25 18:57*	*1*
4-Bromofluorobenzene	*97*		*71 - 128*	*10/06/25 10:30*	*10/08/25 18:57*	*1*
Dibromofluoromethane (Surr)	*98*		*50 - 150*	*10/06/25 10:30*	*10/08/25 18:57*	*1*
Toluene-d8 (Surr)	*101*		*71 - 126*	*10/06/25 10:30*	*10/08/25 18:57*	*1*

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Percent Moisture (EPA Moisture)	**5.2**		1.0	1.0	%			10/09/25 20:18	1
Percent Solids (EPA Moisture)	**94.8**		1.0	1.0	%			10/09/25 20:18	1

Client Sample ID: 1D1_13-14

Lab Sample ID: 460-336467-62

Date Collected: 10/03/25 13:05

Matrix: Solid

Date Received: 10/03/25 16:15

Percent Solids: 92.3

Method: SW846 8260D - Volatile Organic Compounds by GC/MS

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1-Trichloroethane	0.0010	U	0.0010	0.00024	mg/Kg	☼	10/06/25 10:30	10/08/25 19:21	1
1,1,2,2-Tetrachloroethane	0.0010	U	0.0010	0.00054	mg/Kg	☼	10/06/25 10:30	10/08/25 19:21	1
1,1,2-Trichloro-1,2,2-trifluoroethane	0.0010	U	0.0010	0.00031	mg/Kg	☼	10/06/25 10:30	10/08/25 19:21	1
1,1,2-Trichloroethane	0.0010	U	0.0010	0.00062	mg/Kg	☼	10/06/25 10:30	10/08/25 19:21	1
1,1-Dichloroethane	0.0010	U	0.0010	0.00061	mg/Kg	☼	10/06/25 10:30	10/08/25 19:21	1
1,1-Dichloroethene	0.0010	U	0.0010	0.00023	mg/Kg	☼	10/06/25 10:30	10/08/25 19:21	1
1,2,3-Trichlorobenzene	0.0010	U	0.0010	0.00076	mg/Kg	☼	10/06/25 10:30	10/08/25 19:21	1
1,2,4-Trichlorobenzene	0.0010	U	0.0010	0.00037	mg/Kg	☼	10/06/25 10:30	10/08/25 19:21	1
1,2,4-Trimethylbenzene	0.0010	U	0.0010	0.00025	mg/Kg	☼	10/06/25 10:30	10/08/25 19:21	1
1,2-Dibromo-3-Chloropropane	0.0010	U	0.0010	0.00047	mg/Kg	☼	10/06/25 10:30	10/08/25 19:21	1
1,2-Dichlorobenzene	0.0010	U	0.0010	0.00037	mg/Kg	☼	10/06/25 10:30	10/08/25 19:21	1
1,2-Dichloroethane	0.0010	U	0.0010	0.00030	mg/Kg	☼	10/06/25 10:30	10/08/25 19:21	1
1,2-Dichloropropane	0.0010	U	0.0010	0.00043	mg/Kg	☼	10/06/25 10:30	10/08/25 19:21	1
1,3,5-Trimethylbenzene	0.0010	U	0.0010	0.00032	mg/Kg	☼	10/06/25 10:30	10/08/25 19:21	1
1,3-Dichlorobenzene	0.0010	U	0.0010	0.00038	mg/Kg	☼	10/06/25 10:30	10/08/25 19:21	1
1,4-Dichlorobenzene	0.0010	U	0.0010	0.00053	mg/Kg	☼	10/06/25 10:30	10/08/25 19:21	1
2-Butanone (MEK)	0.0051	U	0.0051	0.00038	mg/Kg	☼	10/06/25 10:30	10/08/25 19:21	1
2-Hexanone	0.0051	U	0.0051	0.0018	mg/Kg	☼	10/06/25 10:30	10/08/25 19:21	1
4-Methyl-2-pentanone (MIBK)	0.0051	U	0.0051	0.0016	mg/Kg	☼	10/06/25 10:30	10/08/25 19:21	1
Acetone	**0.036**		0.0062	0.0059	mg/Kg	☼	10/06/25 10:30	10/08/25 19:21	1
Benzene	0.0010	U	0.0010	0.00058	mg/Kg	☼	10/06/25 10:30	10/08/25 19:21	1
Bromoform	0.0010	U	0.0010	0.00044	mg/Kg	☼	10/06/25 10:30	10/08/25 19:21	1
Bromomethane	0.0021	U	0.0021	0.0010	mg/Kg	☼	10/06/25 10:30	10/08/25 19:21	1

Client Sample ID: 1D1_13-14
Date Collected: 10/03/25 13:05
Date Received: 10/03/25 16:15

Lab Sample ID: 460-336467-62
Matrix: Solid
Percent Solids: 92.3

Method: SW846 8260D - Volatile Organic Compounds by GC/MS (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Carbon disulfide	0.0010	U	0.0010	0.00027	mg/Kg	☼	10/06/25 10:30	10/08/25 19:21	1
Carbon tetrachloride	0.0010	U	0.0010	0.00040	mg/Kg	☼	10/06/25 10:30	10/08/25 19:21	1
Chlorobenzene	0.0010	U	0.0010	0.00052	mg/Kg	☼	10/06/25 10:30	10/08/25 19:21	1
Chlorobromomethane	0.0010	U	0.0010	0.00061	mg/Kg	☼	10/06/25 10:30	10/08/25 19:21	1
Chlorodibromomethane	0.0010	U	0.0010	0.00055	mg/Kg	☼	10/06/25 10:30	10/08/25 19:21	1
Chloroethane	0.0010	U *	0.0010	0.00054	mg/Kg	☼	10/06/25 10:30	10/08/25 19:21	1
Chloroform	0.0010	U	0.0010	0.0010	mg/Kg	☼	10/06/25 10:30	10/08/25 19:21	1
Chloromethane	0.0010	U	0.0010	0.00045	mg/Kg	☼	10/06/25 10:30	10/08/25 19:21	1
cis-1,2-Dichloroethene	0.0010	U	0.0010	0.00037	mg/Kg	☼	10/06/25 10:30	10/08/25 19:21	1
cis-1,3-Dichloropropene	0.0010	U	0.0010	0.00028	mg/Kg	☼	10/06/25 10:30	10/08/25 19:21	1
Cyclohexane	0.0010	U	0.0010	0.00023	mg/Kg	☼	10/06/25 10:30	10/08/25 19:21	1
Dichlorobromomethane	0.0010	U	0.0010	0.00026	mg/Kg	☼	10/06/25 10:30	10/08/25 19:21	1
Dichlorodifluoromethane	0.0010	U *	0.0010	0.00035	mg/Kg	☼	10/06/25 10:30	10/08/25 19:21	1
Ethylbenzene	0.0010	U	0.0010	0.00048	mg/Kg	☼	10/06/25 10:30	10/08/25 19:21	1
Ethylene Dibromide	0.0010	U	0.0010	0.00052	mg/Kg	☼	10/06/25 10:30	10/08/25 19:21	1
Isopropylbenzene	0.0010	U	0.0010	0.00029	mg/Kg	☼	10/06/25 10:30	10/08/25 19:21	1
Methyl acetate	0.0051	U	0.0051	0.0044	mg/Kg	☼	10/06/25 10:30	10/08/25 19:21	1
Methyl tert-butyl ether	0.0010	U	0.0010	0.00053	mg/Kg	☼	10/06/25 10:30	10/08/25 19:21	1
Methylcyclohexane	0.0010	U	0.0010	0.00051	mg/Kg	☼	10/06/25 10:30	10/08/25 19:21	1
Methylene Chloride	0.0021	U	0.0021	0.0012	mg/Kg	☼	10/06/25 10:30	10/08/25 19:21	1
m-Xylene & p-Xylene	0.0010	U	0.0010	0.00043	mg/Kg	☼	10/06/25 10:30	10/08/25 19:21	1
n-Butylbenzene	0.0010	U	0.0010	0.00030	mg/Kg	☼	10/06/25 10:30	10/08/25 19:21	1
N-Propylbenzene	0.0010	U	0.0010	0.00046	mg/Kg	☼	10/06/25 10:30	10/08/25 19:21	1
o-Xylene	0.0010	U	0.0010	0.00047	mg/Kg	☼	10/06/25 10:30	10/08/25 19:21	1
sec-Butylbenzene	0.0010	U	0.0010	0.00030	mg/Kg	☼	10/06/25 10:30	10/08/25 19:21	1
Styrene	0.0010	U	0.0010	0.00029	mg/Kg	☼	10/06/25 10:30	10/08/25 19:21	1
tert-Butylbenzene	0.0010	U	0.0010	0.00028	mg/Kg	☼	10/06/25 10:30	10/08/25 19:21	1
Tetrachloroethene	0.0010	U	0.0010	0.00031	mg/Kg	☼	10/06/25 10:30	10/08/25 19:21	1
Toluene	**0.00061**	**J**	0.0010	0.00024	mg/Kg	☼	10/06/25 10:30	10/08/25 19:21	1
trans-1,2-Dichloroethene	0.0010	U	0.0010	0.00025	mg/Kg	☼	10/06/25 10:30	10/08/25 19:21	1
trans-1,3-Dichloropropene	0.0010	U	0.0010	0.00027	mg/Kg	☼	10/06/25 10:30	10/08/25 19:21	1
Trichloroethene	0.0010	U	0.0010	0.00033	mg/Kg	☼	10/06/25 10:30	10/08/25 19:21	1
Trichlorofluoromethane	0.0010	U	0.0010	0.00042	mg/Kg	☼	10/06/25 10:30	10/08/25 19:21	1
Vinyl chloride	0.0010	U	0.0010	0.00056	mg/Kg	☼	10/06/25 10:30	10/08/25 19:21	1
Xylenes, Total	0.0021	U	0.0021	0.00018	mg/Kg	☼	10/06/25 10:30	10/08/25 19:21	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,2-Dichloroethane-d4 (Surr)	*93*		*65 - 138*	*10/06/25 10:30*	*10/08/25 19:21*	*1*
4-Bromofluorobenzene	*93*		*71 - 128*	*10/06/25 10:30*	*10/08/25 19:21*	*1*
Dibromofluoromethane (Surr)	*97*		*50 - 150*	*10/06/25 10:30*	*10/08/25 19:21*	*1*
Toluene-d8 (Surr)	*100*		*71 - 126*	*10/06/25 10:30*	*10/08/25 19:21*	*1*

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Percent Moisture (EPA Moisture)	**7.7**		1.0	1.0	%			10/09/25 20:18	1
Percent Solids (EPA Moisture)	**92.3**		1.0	1.0	%			10/09/25 20:18	1

Client Sample ID: 1E1_1-2
Date Collected: 10/03/25 13:10
Date Received: 10/03/25 16:15

Lab Sample ID: 460-336467-63
Matrix: Solid
Percent Solids: 95.3

Method: SW846 8260D - Volatile Organic Compounds by GC/MS

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1-Trichloroethane	0.0010	U	0.0010	0.00024	mg/Kg	☼	10/06/25 10:30	10/08/25 04:51	1
1,1,2,2-Tetrachloroethane	0.0010	U	0.0010	0.00054	mg/Kg	☼	10/06/25 10:30	10/08/25 04:51	1
1,1,2-Trichloro-1,2,2-trifluoroethane	0.0010	U	0.0010	0.00031	mg/Kg	☼	10/06/25 10:30	10/08/25 04:51	1
1,1,2-Trichloroethane	0.0010	U	0.0010	0.00063	mg/Kg	☼	10/06/25 10:30	10/08/25 04:51	1
1,1-Dichloroethane	0.0010	U	0.0010	0.00062	mg/Kg	☼	10/06/25 10:30	10/08/25 04:51	1
1,1-Dichloroethene	0.0010	U	0.0010	0.00023	mg/Kg	☼	10/06/25 10:30	10/08/25 04:51	1
1,2,3-Trichlorobenzene	0.0010	U	0.0010	0.00077	mg/Kg	☼	10/06/25 10:30	10/08/25 04:51	1
1,2,4-Trichlorobenzene	0.0010	U	0.0010	0.00037	mg/Kg	☼	10/06/25 10:30	10/08/25 04:51	1
1,2,4-Trimethylbenzene	0.0010	U	0.0010	0.00026	mg/Kg	☼	10/06/25 10:30	10/08/25 04:51	1
1,2-Dibromo-3-Chloropropane	0.0010	U	0.0010	0.00048	mg/Kg	☼	10/06/25 10:30	10/08/25 04:51	1
1,2-Dichlorobenzene	0.0010	U	0.0010	0.00038	mg/Kg	☼	10/06/25 10:30	10/08/25 04:51	1
1,2-Dichloroethane	0.0010	U	0.0010	0.00031	mg/Kg	☼	10/06/25 10:30	10/08/25 04:51	1
1,2-Dichloropropane	0.0010	U	0.0010	0.00044	mg/Kg	☼	10/06/25 10:30	10/08/25 04:51	1
1,3,5-Trimethylbenzene	0.0010	U	0.0010	0.00033	mg/Kg	☼	10/06/25 10:30	10/08/25 04:51	1
1,3-Dichlorobenzene	0.0010	U	0.0010	0.00038	mg/Kg	☼	10/06/25 10:30	10/08/25 04:51	1
1,4-Dichlorobenzene	0.0010	U	0.0010	0.00054	mg/Kg	☼	10/06/25 10:30	10/08/25 04:51	1
2-Butanone (MEK)	0.0052	U	0.0052	0.00038	mg/Kg	☼	10/06/25 10:30	10/08/25 04:51	1
2-Hexanone	0.0052	U	0.0052	0.0018	mg/Kg	☼	10/06/25 10:30	10/08/25 04:51	1
4-Methyl-2-pentanone (MIBK)	0.0052	U	0.0052	0.0016	mg/Kg	☼	10/06/25 10:30	10/08/25 04:51	1
Acetone	**0.0060**	**J**	0.0063	0.0060	mg/Kg	☼	10/06/25 10:30	10/08/25 04:51	1
Benzene	0.0010	U	0.0010	0.00059	mg/Kg	☼	10/06/25 10:30	10/08/25 04:51	1
Bromoform	0.0010	U	0.0010	0.00044	mg/Kg	☼	10/06/25 10:30	10/08/25 04:51	1
Bromomethane	0.0021	U	0.0021	0.0010	mg/Kg	☼	10/06/25 10:30	10/08/25 04:51	1
Carbon disulfide	0.0010	U	0.0010	0.00028	mg/Kg	☼	10/06/25 10:30	10/08/25 04:51	1
Carbon tetrachloride	0.0010	U	0.0010	0.00040	mg/Kg	☼	10/06/25 10:30	10/08/25 04:51	1
Chlorobenzene	0.0010	U	0.0010	0.00053	mg/Kg	☼	10/06/25 10:30	10/08/25 04:51	1
Chlorobromomethane	0.0010	U	0.0010	0.00062	mg/Kg	☼	10/06/25 10:30	10/08/25 04:51	1
Chlorodibromomethane	0.0010	U	0.0010	0.00056	mg/Kg	☼	10/06/25 10:30	10/08/25 04:51	1
Chloroethane	0.0010	U	0.0010	0.00054	mg/Kg	☼	10/06/25 10:30	10/08/25 04:51	1
Chloroform	0.0010	U	0.0010	0.0010	mg/Kg	☼	10/06/25 10:30	10/08/25 04:51	1
Chloromethane	0.0010	U	0.0010	0.00045	mg/Kg	☼	10/06/25 10:30	10/08/25 04:51	1
cis-1,2-Dichloroethene	0.0010	U	0.0010	0.00037	mg/Kg	☼	10/06/25 10:30	10/08/25 04:51	1
cis-1,3-Dichloropropene	0.0010	U	0.0010	0.00028	mg/Kg	☼	10/06/25 10:30	10/08/25 04:51	1
Cyclohexane	0.0010	U	0.0010	0.00023	mg/Kg	☼	10/06/25 10:30	10/08/25 04:51	1
Dichlorobromomethane	0.0010	U	0.0010	0.00027	mg/Kg	☼	10/06/25 10:30	10/08/25 04:51	1
Dichlorodifluoromethane	0.0010	U *	0.0010	0.00035	mg/Kg	☼	10/06/25 10:30	10/08/25 04:51	1
Ethylbenzene	0.0010	U	0.0010	0.00049	mg/Kg	☼	10/06/25 10:30	10/08/25 04:51	1
Ethylene Dibromide	0.0010	U	0.0010	0.00053	mg/Kg	☼	10/06/25 10:30	10/08/25 04:51	1
Isopropylbenzene	0.0010	U	0.0010	0.00030	mg/Kg	☼	10/06/25 10:30	10/08/25 04:51	1
Methyl acetate	0.0052	U	0.0052	0.0045	mg/Kg	☼	10/06/25 10:30	10/08/25 04:51	1
Methyl tert-butyl ether	0.0010	U	0.0010	0.00053	mg/Kg	☼	10/06/25 10:30	10/08/25 04:51	1
Methylcyclohexane	0.0010	U	0.0010	0.00052	mg/Kg	☼	10/06/25 10:30	10/08/25 04:51	1
Methylene Chloride	0.0021	U	0.0021	0.0012	mg/Kg	☼	10/06/25 10:30	10/08/25 04:51	1
m-Xylene & p-Xylene	0.0010	U	0.0010	0.00044	mg/Kg	☼	10/06/25 10:30	10/08/25 04:51	1
n-Butylbenzene	0.0010	U	0.0010	0.00031	mg/Kg	☼	10/06/25 10:30	10/08/25 04:51	1
N-Propylbenzene	0.0010	U	0.0010	0.00047	mg/Kg	☼	10/06/25 10:30	10/08/25 04:51	1
o-Xylene	0.0010	U	0.0010	0.00048	mg/Kg	☼	10/06/25 10:30	10/08/25 04:51	1
sec-Butylbenzene	0.0010	U	0.0010	0.00030	mg/Kg	☼	10/06/25 10:30	10/08/25 04:51	1
Styrene	0.0010	U	0.0010	0.00029	mg/Kg	☼	10/06/25 10:30	10/08/25 04:51	1

Client Sample ID: 1E1_1-2

Lab Sample ID: 460-336467-63

Date Collected: 10/03/25 13:10
Matrix: Solid
Date Received: 10/03/25 16:15
Percent Solids: 95.3

Method: SW846 8260D - Volatile Organic Compounds by GC/MS (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
tert-Butylbenzene	0.0010	U	0.0010	0.00029	mg/Kg	☼	10/06/25 10:30	10/08/25 04:51	1
Tetrachloroethene	0.0010	U	0.0010	0.00032	mg/Kg	☼	10/06/25 10:30	10/08/25 04:51	1
Toluene	0.0010	U	0.0010	0.00024	mg/Kg	☼	10/06/25 10:30	10/08/25 04:51	1
trans-1,2-Dichloroethene	0.0010	U	0.0010	0.00026	mg/Kg	☼	10/06/25 10:30	10/08/25 04:51	1
trans-1,3-Dichloropropene	0.0010	U	0.0010	0.00028	mg/Kg	☼	10/06/25 10:30	10/08/25 04:51	1
Trichloroethene	0.0010	U	0.0010	0.00033	mg/Kg	☼	10/06/25 10:30	10/08/25 04:51	1
Trichlorofluoromethane	0.0010	U	0.0010	0.00042	mg/Kg	☼	10/06/25 10:30	10/08/25 04:51	1
Vinyl chloride	0.0010	U	0.0010	0.00057	mg/Kg	☼	10/06/25 10:30	10/08/25 04:51	1
Xylenes, Total	0.0021	U	0.0021	0.00018	mg/Kg	☼	10/06/25 10:30	10/08/25 04:51	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,2-Dichloroethane-d4 (Surr)	*110*		*65 - 138*	*10/06/25 10:30*	*10/08/25 04:51*	*1*
4-Bromofluorobenzene	*99*		*71 - 128*	*10/06/25 10:30*	*10/08/25 04:51*	*1*
Dibromofluoromethane (Surr)	*118*		*50 - 150*	*10/06/25 10:30*	*10/08/25 04:51*	*1*
Toluene-d8 (Surr)	*96*		*71 - 126*	*10/06/25 10:30*	*10/08/25 04:51*	*1*

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Percent Moisture (EPA Moisture)	**4.7**		1.0	1.0	%			10/09/25 20:18	1
Percent Solids (EPA Moisture)	**95.3**		1.0	1.0	%			10/09/25 20:18	1

Client Sample ID: 1E2_3-4

Lab Sample ID: 460-336467-64

Date Collected: 10/03/25 13:15
Matrix: Solid
Date Received: 10/03/25 16:15
Percent Solids: 90.8

Method: SW846 8260D - Volatile Organic Compounds by GC/MS

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1-Trichloroethane	0.0018	U	0.0018	0.00041	mg/Kg	☼	10/06/25 10:31	10/08/25 05:14	1
1,1,2,2-Tetrachloroethane	0.0018	U	0.0018	0.00092	mg/Kg	☼	10/06/25 10:31	10/08/25 05:14	1
1,1,2-Trichloro-1,2,2-trifluoroethane	0.0018	U	0.0018	0.00053	mg/Kg	☼	10/06/25 10:31	10/08/25 05:14	1
1,1,2-Trichloroethane	0.0018	U	0.0018	0.0011	mg/Kg	☼	10/06/25 10:31	10/08/25 05:14	1
1,1-Dichloroethane	0.0018	U	0.0018	0.0011	mg/Kg	☼	10/06/25 10:31	10/08/25 05:14	1
1,1-Dichloroethene	0.0018	U	0.0018	0.00040	mg/Kg	☼	10/06/25 10:31	10/08/25 05:14	1
1,2,3-Trichlorobenzene	0.0018	U	0.0018	0.0013	mg/Kg	☼	10/06/25 10:31	10/08/25 05:14	1
1,2,4-Trichlorobenzene	0.0018	U	0.0018	0.00063	mg/Kg	☼	10/06/25 10:31	10/08/25 05:14	1
1,2,4-Trimethylbenzene	0.0018	U	0.0018	0.00044	mg/Kg	☼	10/06/25 10:31	10/08/25 05:14	1
1,2-Dibromo-3-Chloropropane	0.0018	U	0.0018	0.00081	mg/Kg	☼	10/06/25 10:31	10/08/25 05:14	1
1,2-Dichlorobenzene	0.0018	U	0.0018	0.00064	mg/Kg	☼	10/06/25 10:31	10/08/25 05:14	1
1,2-Dichloroethane	0.0018	U	0.0018	0.00052	mg/Kg	☼	10/06/25 10:31	10/08/25 05:14	1
1,2-Dichloropropane	0.0018	U	0.0018	0.00075	mg/Kg	☼	10/06/25 10:31	10/08/25 05:14	1
1,3,5-Trimethylbenzene	0.0018	U	0.0018	0.00056	mg/Kg	☼	10/06/25 10:31	10/08/25 05:14	1
1,3-Dichlorobenzene	0.0018	U	0.0018	0.00065	mg/Kg	☼	10/06/25 10:31	10/08/25 05:14	1
1,4-Dichlorobenzene	0.0018	U	0.0018	0.00092	mg/Kg	☼	10/06/25 10:31	10/08/25 05:14	1
2-Butanone (MEK)	0.0088	U	0.0088	0.00065	mg/Kg	☼	10/06/25 10:31	10/08/25 05:14	1
2-Hexanone	0.0088	U	0.0088	0.0030	mg/Kg	☼	10/06/25 10:31	10/08/25 05:14	1
4-Methyl-2-pentanone (MIBK)	0.0088	U	0.0088	0.0028	mg/Kg	☼	10/06/25 10:31	10/08/25 05:14	1
Acetone	**0.097**		0.011	0.010	mg/Kg	☼	10/06/25 10:31	10/08/25 05:14	1
Benzene	0.0018	U	0.0018	0.0010	mg/Kg	☼	10/06/25 10:31	10/08/25 05:14	1
Bromoform	0.0018	U	0.0018	0.00075	mg/Kg	☼	10/06/25 10:31	10/08/25 05:14	1
Bromomethane	0.0035	U	0.0035	0.0018	mg/Kg	☼	10/06/25 10:31	10/08/25 05:14	1

Client Sample ID: 1E2_3-4
Date Collected: 10/03/25 13:15
Date Received: 10/03/25 16:15

Lab Sample ID: 460-336467-64
Matrix: Solid
Percent Solids: 90.8

Method: SW846 8260D - Volatile Organic Compounds by GC/MS (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Carbon disulfide	0.0018	U	0.0018	0.00047	mg/Kg	☼	10/06/25 10:31	10/08/25 05:14	1
Carbon tetrachloride	0.0018	U	0.0018	0.00068	mg/Kg	☼	10/06/25 10:31	10/08/25 05:14	1
Chlorobenzene	0.0018	U	0.0018	0.00090	mg/Kg	☼	10/06/25 10:31	10/08/25 05:14	1
Chlorobromomethane	0.0018	U	0.0018	0.0011	mg/Kg	☼	10/06/25 10:31	10/08/25 05:14	1
Chlorodibromomethane	0.0018	U	0.0018	0.00095	mg/Kg	☼	10/06/25 10:31	10/08/25 05:14	1
Chloroethane	0.0018	U	0.0018	0.00092	mg/Kg	☼	10/06/25 10:31	10/08/25 05:14	1
Chloroform	0.0018	U	0.0018	0.0017	mg/Kg	☼	10/06/25 10:31	10/08/25 05:14	1
Chloromethane	0.0018	U	0.0018	0.00077	mg/Kg	☼	10/06/25 10:31	10/08/25 05:14	1
cis-1,2-Dichloroethene	0.0018	U	0.0018	0.00063	mg/Kg	☼	10/06/25 10:31	10/08/25 05:14	1
cis-1,3-Dichloropropene	0.0018	U	0.0018	0.00048	mg/Kg	☼	10/06/25 10:31	10/08/25 05:14	1
Cyclohexane	0.0018	U	0.0018	0.00039	mg/Kg	☼	10/06/25 10:31	10/08/25 05:14	1
Dichlorobromomethane	0.0018	U	0.0018	0.00045	mg/Kg	☼	10/06/25 10:31	10/08/25 05:14	1
Dichlorodifluoromethane	0.0018	U *	0.0018	0.00060	mg/Kg	☼	10/06/25 10:31	10/08/25 05:14	1
Ethylbenzene	0.0018	U	0.0018	0.00083	mg/Kg	☼	10/06/25 10:31	10/08/25 05:14	1
Ethylene Dibromide	0.0018	U	0.0018	0.00089	mg/Kg	☼	10/06/25 10:31	10/08/25 05:14	1
Isopropylbenzene	0.0018	U	0.0018	0.00050	mg/Kg	☼	10/06/25 10:31	10/08/25 05:14	1
Methyl acetate	0.0088	U	0.0088	0.0076	mg/Kg	☼	10/06/25 10:31	10/08/25 05:14	1
Methyl tert-butyl ether	0.0018	U	0.0018	0.00091	mg/Kg	☼	10/06/25 10:31	10/08/25 05:14	1
Methylcyclohexane	0.0018	U	0.0018	0.00088	mg/Kg	☼	10/06/25 10:31	10/08/25 05:14	1
Methylene Chloride	0.0035	U	0.0035	0.0020	mg/Kg	☼	10/06/25 10:31	10/08/25 05:14	1
m-Xylene & p-Xylene	0.0018	U	0.0018	0.00075	mg/Kg	☼	10/06/25 10:31	10/08/25 05:14	1
n-Butylbenzene	0.0018	U	0.0018	0.00052	mg/Kg	☼	10/06/25 10:31	10/08/25 05:14	1
N-Propylbenzene	0.0018	U	0.0018	0.00079	mg/Kg	☼	10/06/25 10:31	10/08/25 05:14	1
o-Xylene	0.0018	U	0.0018	0.00082	mg/Kg	☼	10/06/25 10:31	10/08/25 05:14	1
sec-Butylbenzene	0.0018	U	0.0018	0.00051	mg/Kg	☼	10/06/25 10:31	10/08/25 05:14	1
Styrene	0.0018	U	0.0018	0.00049	mg/Kg	☼	10/06/25 10:31	10/08/25 05:14	1
tert-Butylbenzene	0.0018	U	0.0018	0.00049	mg/Kg	☼	10/06/25 10:31	10/08/25 05:14	1
Tetrachloroethene	0.0018	U	0.0018	0.00054	mg/Kg	☼	10/06/25 10:31	10/08/25 05:14	1
Toluene	0.0018	U	0.0018	0.00041	mg/Kg	☼	10/06/25 10:31	10/08/25 05:14	1
trans-1,2-Dichloroethene	0.0018	U	0.0018	0.00044	mg/Kg	☼	10/06/25 10:31	10/08/25 05:14	1
trans-1,3-Dichloropropene	0.0018	U	0.0018	0.00047	mg/Kg	☼	10/06/25 10:31	10/08/25 05:14	1
Trichloroethene	0.0018	U	0.0018	0.00057	mg/Kg	☼	10/06/25 10:31	10/08/25 05:14	1
Trichlorofluoromethane	0.0018	U	0.0018	0.00072	mg/Kg	☼	10/06/25 10:31	10/08/25 05:14	1
Vinyl chloride	0.0018	U	0.0018	0.00097	mg/Kg	☼	10/06/25 10:31	10/08/25 05:14	1
Xylenes, Total	0.0035	U	0.0035	0.00031	mg/Kg	☼	10/06/25 10:31	10/08/25 05:14	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,2-Dichloroethane-d4 (Surr)	*111*		*65 - 138*	*10/06/25 10:31*	*10/08/25 05:14*	*1*
4-Bromofluorobenzene	*103*		*71 - 128*	*10/06/25 10:31*	*10/08/25 05:14*	*1*
Dibromofluoromethane (Surr)	*118*		*50 - 150*	*10/06/25 10:31*	*10/08/25 05:14*	*1*
Toluene-d8 (Surr)	*97*		*71 - 126*	*10/06/25 10:31*	*10/08/25 05:14*	*1*

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Percent Moisture (EPA Moisture)	**9.2**		1.0	1.0	%			10/09/25 20:18	1
Percent Solids (EPA Moisture)	**90.8**		1.0	1.0	%			10/09/25 20:18	1

Client: Haley & Aldrich, Inc.
Project/Site: Former Port Mobil

Job ID: 460-336467-1

Client Sample ID: 1E3_4-5
Date Collected: 10/03/25 13:20
Date Received: 10/03/25 16:15

Lab Sample ID: 460-336467-65
Matrix: Solid
Percent Solids: 97.7

Method: SW846 8260D - Volatile Organic Compounds by GC/MS

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1-Trichloroethane	0.0011	U	0.0011	0.00025	mg/Kg	☼	10/06/25 10:31	10/08/25 05:37	1
1,1,2,2-Tetrachloroethane	0.0011	U	0.0011	0.00057	mg/Kg	☼	10/06/25 10:31	10/08/25 05:37	1
1,1,2-Trichloro-1,2,2-trifluoroethane	0.0011	U	0.0011	0.00033	mg/Kg	☼	10/06/25 10:31	10/08/25 05:37	1
1,1,2-Trichloroethane	0.0011	U	0.0011	0.00065	mg/Kg	☼	10/06/25 10:31	10/08/25 05:37	1
1,1-Dichloroethane	0.0011	U	0.0011	0.00065	mg/Kg	☼	10/06/25 10:31	10/08/25 05:37	1
1,1-Dichloroethene	0.0011	U	0.0011	0.00025	mg/Kg	☼	10/06/25 10:31	10/08/25 05:37	1
1,2,3-Trichlorobenzene	0.0011	U	0.0011	0.00080	mg/Kg	☼	10/06/25 10:31	10/08/25 05:37	1
1,2,4-Trichlorobenzene	0.0011	U	0.0011	0.00039	mg/Kg	☼	10/06/25 10:31	10/08/25 05:37	1
1,2,4-Trimethylbenzene	0.0011	U	0.0011	0.00027	mg/Kg	☼	10/06/25 10:31	10/08/25 05:37	1
1,2-Dibromo-3-Chloropropane	0.0011	U	0.0011	0.00050	mg/Kg	☼	10/06/25 10:31	10/08/25 05:37	1
1,2-Dichlorobenzene	0.0011	U	0.0011	0.00039	mg/Kg	☼	10/06/25 10:31	10/08/25 05:37	1
1,2-Dichloroethane	0.0011	U	0.0011	0.00032	mg/Kg	☼	10/06/25 10:31	10/08/25 05:37	1
1,2-Dichloropropane	0.0011	U	0.0011	0.00046	mg/Kg	☼	10/06/25 10:31	10/08/25 05:37	1
1,3,5-Trimethylbenzene	0.0011	U	0.0011	0.00034	mg/Kg	☼	10/06/25 10:31	10/08/25 05:37	1
1,3-Dichlorobenzene	0.0011	U	0.0011	0.00040	mg/Kg	☼	10/06/25 10:31	10/08/25 05:37	1
1,4-Dichlorobenzene	0.0011	U	0.0011	0.00057	mg/Kg	☼	10/06/25 10:31	10/08/25 05:37	1
2-Butanone (MEK)	0.0054	U	0.0054	0.00040	mg/Kg	☼	10/06/25 10:31	10/08/25 05:37	1
2-Hexanone	0.0054	U	0.0054	0.0019	mg/Kg	☼	10/06/25 10:31	10/08/25 05:37	1
4-Methyl-2-pentanone (MIBK)	0.0054	U	0.0054	0.0017	mg/Kg	☼	10/06/25 10:31	10/08/25 05:37	1
Acetone	**0.11**		0.0065	0.0062	mg/Kg	☼	10/06/25 10:31	10/08/25 05:37	1
Benzene	0.0011	U	0.0011	0.00062	mg/Kg	☼	10/06/25 10:31	10/08/25 05:37	1
Bromoform	0.0011	U	0.0011	0.00046	mg/Kg	☼	10/06/25 10:31	10/08/25 05:37	1
Bromomethane	0.0022	U	0.0022	0.0011	mg/Kg	☼	10/06/25 10:31	10/08/25 05:37	1
Carbon disulfide	0.0011	U	0.0011	0.00029	mg/Kg	☼	10/06/25 10:31	10/08/25 05:37	1
Carbon tetrachloride	0.0011	U	0.0011	0.00042	mg/Kg	☼	10/06/25 10:31	10/08/25 05:37	1
Chlorobenzene	0.0011	U	0.0011	0.00055	mg/Kg	☼	10/06/25 10:31	10/08/25 05:37	1
Chlorobromomethane	0.0011	U	0.0011	0.00065	mg/Kg	☼	10/06/25 10:31	10/08/25 05:37	1
Chlorodibromomethane	0.0011	U	0.0011	0.00059	mg/Kg	☼	10/06/25 10:31	10/08/25 05:37	1
Chloroethane	0.0011	U	0.0011	0.00057	mg/Kg	☼	10/06/25 10:31	10/08/25 05:37	1
Chloroform	0.0011	U	0.0011	0.0011	mg/Kg	☼	10/06/25 10:31	10/08/25 05:37	1
Chloromethane	0.0011	U	0.0011	0.00047	mg/Kg	☼	10/06/25 10:31	10/08/25 05:37	1
cis-1,2-Dichloroethene	0.0011	U	0.0011	0.00039	mg/Kg	☼	10/06/25 10:31	10/08/25 05:37	1
cis-1,3-Dichloropropene	0.0011	U	0.0011	0.00030	mg/Kg	☼	10/06/25 10:31	10/08/25 05:37	1
Cyclohexane	0.0011	U	0.0011	0.00024	mg/Kg	☼	10/06/25 10:31	10/08/25 05:37	1
Dichlorobromomethane	0.0011	U	0.0011	0.00028	mg/Kg	☼	10/06/25 10:31	10/08/25 05:37	1
Dichlorodifluoromethane	0.0011	U *	0.0011	0.00037	mg/Kg	☼	10/06/25 10:31	10/08/25 05:37	1
Ethylbenzene	0.0011	U	0.0011	0.00051	mg/Kg	☼	10/06/25 10:31	10/08/25 05:37	1
Ethylene Dibromide	0.0011	U	0.0011	0.00055	mg/Kg	☼	10/06/25 10:31	10/08/25 05:37	1
Isopropylbenzene	0.0011	U	0.0011	0.00031	mg/Kg	☼	10/06/25 10:31	10/08/25 05:37	1
Methyl acetate	0.0054	U	0.0054	0.0047	mg/Kg	☼	10/06/25 10:31	10/08/25 05:37	1
Methyl tert-butyl ether	0.0011	U	0.0011	0.00056	mg/Kg	☼	10/06/25 10:31	10/08/25 05:37	1
Methylcyclohexane	0.0011	U	0.0011	0.00054	mg/Kg	☼	10/06/25 10:31	10/08/25 05:37	1
Methylene Chloride	0.0022	U	0.0022	0.0012	mg/Kg	☼	10/06/25 10:31	10/08/25 05:37	1
m-Xylene & p-Xylene	0.0011	U	0.0011	0.00046	mg/Kg	☼	10/06/25 10:31	10/08/25 05:37	1
n-Butylbenzene	0.0011	U	0.0011	0.00032	mg/Kg	☼	10/06/25 10:31	10/08/25 05:37	1
N-Propylbenzene	0.0011	U	0.0011	0.00049	mg/Kg	☼	10/06/25 10:31	10/08/25 05:37	1
o-Xylene	0.0011	U	0.0011	0.00050	mg/Kg	☼	10/06/25 10:31	10/08/25 05:37	1
sec-Butylbenzene	0.0011	U	0.0011	0.00031	mg/Kg	☼	10/06/25 10:31	10/08/25 05:37	1
Styrene	0.0011	U	0.0011	0.00030	mg/Kg	☼	10/06/25 10:31	10/08/25 05:37	1

Client Sample ID: 1E3_4-5

Lab Sample ID: 460-336467-65

Date Collected: 10/03/25 13:20
Matrix: Solid
Date Received: 10/03/25 16:15
Percent Solids: 97.7

Method: SW846 8260D - Volatile Organic Compounds by GC/MS (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
tert-Butylbenzene	0.0011	U	0.0011	0.00030	mg/Kg	☼	10/06/25 10:31	10/08/25 05:37	1
Tetrachloroethene	0.0011	U	0.0011	0.00033	mg/Kg	☼	10/06/25 10:31	10/08/25 05:37	1
Toluene	0.0011	U	0.0011	0.00025	mg/Kg	☼	10/06/25 10:31	10/08/25 05:37	1
trans-1,2-Dichloroethene	0.0011	U	0.0011	0.00027	mg/Kg	☼	10/06/25 10:31	10/08/25 05:37	1
trans-1,3-Dichloropropene	0.0011	U	0.0011	0.00029	mg/Kg	☼	10/06/25 10:31	10/08/25 05:37	1
Trichloroethene	0.0011	U	0.0011	0.00035	mg/Kg	☼	10/06/25 10:31	10/08/25 05:37	1
Trichlorofluoromethane	0.0011	U	0.0011	0.00044	mg/Kg	☼	10/06/25 10:31	10/08/25 05:37	1
Vinyl chloride	0.0011	U	0.0011	0.00059	mg/Kg	☼	10/06/25 10:31	10/08/25 05:37	1
Xylenes, Total	0.0022	U	0.0022	0.00019	mg/Kg	☼	10/06/25 10:31	10/08/25 05:37	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,2-Dichloroethane-d4 (Surr)	*109*		*65 - 138*	*10/06/25 10:31*	*10/08/25 05:37*	*1*
4-Bromofluorobenzene	*99*		*71 - 128*	*10/06/25 10:31*	*10/08/25 05:37*	*1*
Dibromofluoromethane (Surr)	*117*		*50 - 150*	*10/06/25 10:31*	*10/08/25 05:37*	*1*
Toluene-d8 (Surr)	*94*		*71 - 126*	*10/06/25 10:31*	*10/08/25 05:37*	*1*

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Percent Moisture (EPA Moisture)	**2.3**		1.0	1.0	%			10/09/25 20:18	1
Percent Solids (EPA Moisture)	**97.7**		1.0	1.0	%			10/09/25 20:18	1

Client Sample ID: 1E1_6-7

Lab Sample ID: 460-336467-66

Date Collected: 10/03/25 13:25
Matrix: Solid
Date Received: 10/03/25 16:15
Percent Solids: 88.8

Method: SW846 8260D - Volatile Organic Compounds by GC/MS

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1-Trichloroethane	0.00089	U	0.00089	0.00021	mg/Kg	☼	10/06/25 10:32	10/08/25 06:02	1
1,1,2,2-Tetrachloroethane	0.00089	U	0.00089	0.00047	mg/Kg	☼	10/06/25 10:32	10/08/25 06:02	1
1,1,2-Trichloro-1,2,2-trifluoroethane	0.00089	U	0.00089	0.00027	mg/Kg	☼	10/06/25 10:32	10/08/25 06:02	1
1,1,2-Trichloroethane	0.00089	U	0.00089	0.00054	mg/Kg	☼	10/06/25 10:32	10/08/25 06:02	1
1,1-Dichloroethane	0.00089	U	0.00089	0.00053	mg/Kg	☼	10/06/25 10:32	10/08/25 06:02	1
1,1-Dichloroethene	0.00089	U	0.00089	0.00020	mg/Kg	☼	10/06/25 10:32	10/08/25 06:02	1
1,2,3-Trichlorobenzene	0.00089	U	0.00089	0.00066	mg/Kg	☼	10/06/25 10:32	10/08/25 06:02	1
1,2,4-Trichlorobenzene	0.00089	U	0.00089	0.00032	mg/Kg	☼	10/06/25 10:32	10/08/25 06:02	1
1,2,4-Trimethylbenzene	0.00089	U	0.00089	0.00022	mg/Kg	☼	10/06/25 10:32	10/08/25 06:02	1
1,2-Dibromo-3-Chloropropane	0.00089	U	0.00089	0.00041	mg/Kg	☼	10/06/25 10:32	10/08/25 06:02	1
1,2-Dichlorobenzene	0.00089	U	0.00089	0.00032	mg/Kg	☼	10/06/25 10:32	10/08/25 06:02	1
1,2-Dichloroethane	0.00089	U	0.00089	0.00026	mg/Kg	☼	10/06/25 10:32	10/08/25 06:02	1
1,2-Dichloropropane	0.00089	U	0.00089	0.00038	mg/Kg	☼	10/06/25 10:32	10/08/25 06:02	1
1,3,5-Trimethylbenzene	0.00089	U	0.00089	0.00028	mg/Kg	☼	10/06/25 10:32	10/08/25 06:02	1
1,3-Dichlorobenzene	0.00089	U	0.00089	0.00033	mg/Kg	☼	10/06/25 10:32	10/08/25 06:02	1
1,4-Dichlorobenzene	0.00089	U	0.00089	0.00046	mg/Kg	☼	10/06/25 10:32	10/08/25 06:02	1
2-Butanone (MEK)	0.0045	U	0.0045	0.00033	mg/Kg	☼	10/06/25 10:32	10/08/25 06:02	1
2-Hexanone	0.0045	U	0.0045	0.0015	mg/Kg	☼	10/06/25 10:32	10/08/25 06:02	1
4-Methyl-2-pentanone (MIBK)	0.0045	U	0.0045	0.0014	mg/Kg	☼	10/06/25 10:32	10/08/25 06:02	1
Acetone	**0.017**		0.0054	0.0051	mg/Kg	☼	10/06/25 10:32	10/08/25 06:02	1
Benzene	0.00089	U	0.00089	0.00051	mg/Kg	☼	10/06/25 10:32	10/08/25 06:02	1
Bromoform	0.00089	U	0.00089	0.00038	mg/Kg	☼	10/06/25 10:32	10/08/25 06:02	1
Bromomethane	0.0018	U	0.0018	0.00089	mg/Kg	☼	10/06/25 10:32	10/08/25 06:02	1

Client Sample ID: 1E1_6-7
Date Collected: 10/03/25 13:25
Date Received: 10/03/25 16:15

Lab Sample ID: 460-336467-66
Matrix: Solid
Percent Solids: 88.8

Method: SW846 8260D - Volatile Organic Compounds by GC/MS (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Carbon disulfide	0.00089	U	0.00089	0.00024	mg/Kg	☼	10/06/25 10:32	10/08/25 06:02	1
Carbon tetrachloride	0.00089	U	0.00089	0.00035	mg/Kg	☼	10/06/25 10:32	10/08/25 06:02	1
Chlorobenzene	0.00089	U	0.00089	0.00045	mg/Kg	☼	10/06/25 10:32	10/08/25 06:02	1
Chlorobromomethane	0.00089	U	0.00089	0.00053	mg/Kg	☼	10/06/25 10:32	10/08/25 06:02	1
Chlorodibromomethane	0.00089	U	0.00089	0.00048	mg/Kg	☼	10/06/25 10:32	10/08/25 06:02	1
Chloroethane	0.00089	U	0.00089	0.00047	mg/Kg	☼	10/06/25 10:32	10/08/25 06:02	1
Chloroform	0.00089	U	0.00089	0.00087	mg/Kg	☼	10/06/25 10:32	10/08/25 06:02	1
Chloromethane	0.00089	U	0.00089	0.00039	mg/Kg	☼	10/06/25 10:32	10/08/25 06:02	1
cis-1,2-Dichloroethene	0.00089	U	0.00089	0.00032	mg/Kg	☼	10/06/25 10:32	10/08/25 06:02	1
cis-1,3-Dichloropropene	0.00089	U	0.00089	0.00024	mg/Kg	☼	10/06/25 10:32	10/08/25 06:02	1
Cyclohexane	0.00089	U	0.00089	0.00020	mg/Kg	☼	10/06/25 10:32	10/08/25 06:02	1
Dichlorobromomethane	0.00089	U	0.00089	0.00023	mg/Kg	☼	10/06/25 10:32	10/08/25 06:02	1
Dichlorodifluoromethane	0.00089	U *	0.00089	0.00030	mg/Kg	☼	10/06/25 10:32	10/08/25 06:02	1
Ethylbenzene	0.00089	U	0.00089	0.00042	mg/Kg	☼	10/06/25 10:32	10/08/25 06:02	1
Ethylene Dibromide	0.00089	U	0.00089	0.00045	mg/Kg	☼	10/06/25 10:32	10/08/25 06:02	1
Isopropylbenzene	0.00089	U	0.00089	0.00026	mg/Kg	☼	10/06/25 10:32	10/08/25 06:02	1
Methyl acetate	0.0045	U	0.0045	0.0038	mg/Kg	☼	10/06/25 10:32	10/08/25 06:02	1
Methyl tert-butyl ether	0.00089	U	0.00089	0.00046	mg/Kg	☼	10/06/25 10:32	10/08/25 06:02	1
Methylcyclohexane	0.00089	U	0.00089	0.00045	mg/Kg	☼	10/06/25 10:32	10/08/25 06:02	1
Methylene Chloride	0.0018	U	0.0018	0.0010	mg/Kg	☼	10/06/25 10:32	10/08/25 06:02	1
m-Xylene & p-Xylene	0.00089	U	0.00089	0.00038	mg/Kg	☼	10/06/25 10:32	10/08/25 06:02	1
n-Butylbenzene	0.00089	U	0.00089	0.00026	mg/Kg	☼	10/06/25 10:32	10/08/25 06:02	1
N-Propylbenzene	0.00089	U	0.00089	0.00040	mg/Kg	☼	10/06/25 10:32	10/08/25 06:02	1
o-Xylene	0.00089	U	0.00089	0.00041	mg/Kg	☼	10/06/25 10:32	10/08/25 06:02	1
sec-Butylbenzene	0.00089	U	0.00089	0.00026	mg/Kg	☼	10/06/25 10:32	10/08/25 06:02	1
Styrene	0.00089	U	0.00089	0.00025	mg/Kg	☼	10/06/25 10:32	10/08/25 06:02	1
tert-Butylbenzene	0.00089	U	0.00089	0.00025	mg/Kg	☼	10/06/25 10:32	10/08/25 06:02	1
Tetrachloroethene	0.00089	U	0.00089	0.00027	mg/Kg	☼	10/06/25 10:32	10/08/25 06:02	1
Toluene	0.00089	U	0.00089	0.00021	mg/Kg	☼	10/06/25 10:32	10/08/25 06:02	1
trans-1,2-Dichloroethene	0.00089	U	0.00089	0.00022	mg/Kg	☼	10/06/25 10:32	10/08/25 06:02	1
trans-1,3-Dichloropropene	0.00089	U	0.00089	0.00024	mg/Kg	☼	10/06/25 10:32	10/08/25 06:02	1
Trichloroethene	0.00089	U	0.00089	0.00029	mg/Kg	☼	10/06/25 10:32	10/08/25 06:02	1
Trichlorofluoromethane	0.00089	U	0.00089	0.00036	mg/Kg	☼	10/06/25 10:32	10/08/25 06:02	1
Vinyl chloride	0.00089	U	0.00089	0.00049	mg/Kg	☼	10/06/25 10:32	10/08/25 06:02	1
Xylenes, Total	0.0018	U	0.0018	0.00016	mg/Kg	☼	10/06/25 10:32	10/08/25 06:02	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,2-Dichloroethane-d4 (Surr)	*112*		*65 - 138*	*10/06/25 10:32*	*10/08/25 06:02*	*1*
4-Bromofluorobenzene	*100*		*71 - 128*	*10/06/25 10:32*	*10/08/25 06:02*	*1*
Dibromofluoromethane (Surr)	*117*		*50 - 150*	*10/06/25 10:32*	*10/08/25 06:02*	*1*
Toluene-d8 (Surr)	*95*		*71 - 126*	*10/06/25 10:32*	*10/08/25 06:02*	*1*

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Percent Moisture (EPA Moisture)	**11.2**		1.0	1.0	%			10/09/25 20:18	1
Percent Solids (EPA Moisture)	**88.8**		1.0	1.0	%			10/09/25 20:18	1

Client Sample ID: 1E2_8-9
Date Collected: 10/03/25 13:30
Date Received: 10/03/25 16:15

Lab Sample ID: 460-336467-67
Matrix: Solid
Percent Solids: 97.7

Method: SW846 8260D - Volatile Organic Compounds by GC/MS

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1-Trichloroethane	0.0014	U	0.0014	0.00032	mg/Kg	☼	10/06/25 10:32	10/08/25 06:23	1
1,1,2,2-Tetrachloroethane	0.0014	U	0.0014	0.00072	mg/Kg	☼	10/06/25 10:32	10/08/25 06:23	1
1,1,2-Trichloro-1,2,2-trifluoroethane	0.0014	U	0.0014	0.00041	mg/Kg	☼	10/06/25 10:32	10/08/25 06:23	1
1,1,2-Trichloroethane	0.0014	U	0.0014	0.00083	mg/Kg	☼	10/06/25 10:32	10/08/25 06:23	1
1,1-Dichloroethane	0.0014	U	0.0014	0.00082	mg/Kg	☼	10/06/25 10:32	10/08/25 06:23	1
1,1-Dichloroethene	0.0014	U	0.0014	0.00031	mg/Kg	☼	10/06/25 10:32	10/08/25 06:23	1
1,2,3-Trichlorobenzene	0.0014	U	0.0014	0.0010	mg/Kg	☼	10/06/25 10:32	10/08/25 06:23	1
1,2,4-Trichlorobenzene	0.0014	U	0.0014	0.00049	mg/Kg	☼	10/06/25 10:32	10/08/25 06:23	1
1,2,4-Trimethylbenzene	0.0014	U	0.0014	0.00034	mg/Kg	☼	10/06/25 10:32	10/08/25 06:23	1
1,2-Dibromo-3-Chloropropane	0.0014	U	0.0014	0.00063	mg/Kg	☼	10/06/25 10:32	10/08/25 06:23	1
1,2-Dichlorobenzene	0.0014	U	0.0014	0.00050	mg/Kg	☼	10/06/25 10:32	10/08/25 06:23	1
1,2-Dichloroethane	0.0014	U	0.0014	0.00041	mg/Kg	☼	10/06/25 10:32	10/08/25 06:23	1
1,2-Dichloropropane	0.0014	U	0.0014	0.00058	mg/Kg	☼	10/06/25 10:32	10/08/25 06:23	1
1,3,5-Trimethylbenzene	0.0014	U	0.0014	0.00043	mg/Kg	☼	10/06/25 10:32	10/08/25 06:23	1
1,3-Dichlorobenzene	0.0014	U	0.0014	0.00050	mg/Kg	☼	10/06/25 10:32	10/08/25 06:23	1
1,4-Dichlorobenzene	0.0014	U	0.0014	0.00071	mg/Kg	☼	10/06/25 10:32	10/08/25 06:23	1
2-Butanone (MEK)	0.0069	U	0.0069	0.00051	mg/Kg	☼	10/06/25 10:32	10/08/25 06:23	1
2-Hexanone	0.0069	U	0.0069	0.0023	mg/Kg	☼	10/06/25 10:32	10/08/25 06:23	1
4-Methyl-2-pentanone (MIBK)	0.0069	U	0.0069	0.0021	mg/Kg	☼	10/06/25 10:32	10/08/25 06:23	1
Acetone	**0.099**		0.0082	0.0079	mg/Kg	☼	10/06/25 10:32	10/08/25 06:23	1
Benzene	0.0014	U	0.0014	0.00078	mg/Kg	☼	10/06/25 10:32	10/08/25 06:23	1
Bromoform	0.0014	U	0.0014	0.00058	mg/Kg	☼	10/06/25 10:32	10/08/25 06:23	1
Bromomethane	0.0027	U	0.0027	0.0014	mg/Kg	☼	10/06/25 10:32	10/08/25 06:23	1
Carbon disulfide	0.0014	U	0.0014	0.00037	mg/Kg	☼	10/06/25 10:32	10/08/25 06:23	1
Carbon tetrachloride	0.0014	U	0.0014	0.00053	mg/Kg	☼	10/06/25 10:32	10/08/25 06:23	1
Chlorobenzene	0.0014	U	0.0014	0.00070	mg/Kg	☼	10/06/25 10:32	10/08/25 06:23	1
Chlorobromomethane	0.0014	U	0.0014	0.00082	mg/Kg	☼	10/06/25 10:32	10/08/25 06:23	1
Chlorodibromomethane	0.0014	U	0.0014	0.00074	mg/Kg	☼	10/06/25 10:32	10/08/25 06:23	1
Chloroethane	0.0014	U	0.0014	0.00072	mg/Kg	☼	10/06/25 10:32	10/08/25 06:23	1
Chloroform	0.0014	U	0.0014	0.0013	mg/Kg	☼	10/06/25 10:32	10/08/25 06:23	1
Chloromethane	0.0014	U	0.0014	0.00060	mg/Kg	☼	10/06/25 10:32	10/08/25 06:23	1
cis-1,2-Dichloroethene	0.0014	U	0.0014	0.00049	mg/Kg	☼	10/06/25 10:32	10/08/25 06:23	1
cis-1,3-Dichloropropene	0.0014	U	0.0014	0.00037	mg/Kg	☼	10/06/25 10:32	10/08/25 06:23	1
Cyclohexane	0.0014	U	0.0014	0.00030	mg/Kg	☼	10/06/25 10:32	10/08/25 06:23	1
Dichlorobromomethane	0.0014	U	0.0014	0.00035	mg/Kg	☼	10/06/25 10:32	10/08/25 06:23	1
Dichlorodifluoromethane	0.0014	U *	0.0014	0.00046	mg/Kg	☼	10/06/25 10:32	10/08/25 06:23	1
Ethylbenzene	0.0014	U	0.0014	0.00064	mg/Kg	☼	10/06/25 10:32	10/08/25 06:23	1
Ethylene Dibromide	0.0014	U	0.0014	0.00069	mg/Kg	☼	10/06/25 10:32	10/08/25 06:23	1
Isopropylbenzene	0.0014	U	0.0014	0.00039	mg/Kg	☼	10/06/25 10:32	10/08/25 06:23	1
Methyl acetate	0.0069	U	0.0069	0.0059	mg/Kg	☼	10/06/25 10:32	10/08/25 06:23	1
Methyl tert-butyl ether	0.0014	U	0.0014	0.00070	mg/Kg	☼	10/06/25 10:32	10/08/25 06:23	1
Methylcyclohexane	0.0014	U	0.0014	0.00069	mg/Kg	☼	10/06/25 10:32	10/08/25 06:23	1
Methylene Chloride	0.0027	U	0.0027	0.0016	mg/Kg	☼	10/06/25 10:32	10/08/25 06:23	1
m-Xylene & p-Xylene	0.0014	U	0.0014	0.00058	mg/Kg	☼	10/06/25 10:32	10/08/25 06:23	1
n-Butylbenzene	0.0014	U	0.0014	0.00040	mg/Kg	☼	10/06/25 10:32	10/08/25 06:23	1
N-Propylbenzene	0.0014	U	0.0014	0.00062	mg/Kg	☼	10/06/25 10:32	10/08/25 06:23	1
o-Xylene	0.0014	U	0.0014	0.00063	mg/Kg	☼	10/06/25 10:32	10/08/25 06:23	1
sec-Butylbenzene	0.0014	U	0.0014	0.00040	mg/Kg	☼	10/06/25 10:32	10/08/25 06:23	1
Styrene	0.0014	U	0.0014	0.00038	mg/Kg	☼	10/06/25 10:32	10/08/25 06:23	1

Client Sample ID: 1E2_8-9

Lab Sample ID: 460-336467-67

Date Collected: 10/03/25 13:30

Matrix: Solid

Date Received: 10/03/25 16:15

Percent Solids: 97.7

Method: SW846 8260D - Volatile Organic Compounds by GC/MS (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
tert-Butylbenzene	0.0014	U	0.0014	0.00038	mg/Kg	☼	10/06/25 10:32	10/08/25 06:23	1
Tetrachloroethene	0.0014	U	0.0014	0.00042	mg/Kg	☼	10/06/25 10:32	10/08/25 06:23	1
Toluene	0.0014	U	0.0014	0.00032	mg/Kg	☼	10/06/25 10:32	10/08/25 06:23	1
trans-1,2-Dichloroethene	0.0014	U	0.0014	0.00034	mg/Kg	☼	10/06/25 10:32	10/08/25 06:23	1
trans-1,3-Dichloropropene	0.0014	U	0.0014	0.00037	mg/Kg	☼	10/06/25 10:32	10/08/25 06:23	1
Trichloroethene	0.0014	U	0.0014	0.00044	mg/Kg	☼	10/06/25 10:32	10/08/25 06:23	1
Trichlorofluoromethane	0.0014	U	0.0014	0.00056	mg/Kg	☼	10/06/25 10:32	10/08/25 06:23	1
Vinyl chloride	0.0014	U	0.0014	0.00075	mg/Kg	☼	10/06/25 10:32	10/08/25 06:23	1
Xylenes, Total	0.0027	U	0.0027	0.00024	mg/Kg	☼	10/06/25 10:32	10/08/25 06:23	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,2-Dichloroethane-d4 (Surr)	*111*		*65 - 138*	*10/06/25 10:32*	*10/08/25 06:23*	*1*
4-Bromofluorobenzene	*102*		*71 - 128*	*10/06/25 10:32*	*10/08/25 06:23*	*1*
Dibromofluoromethane (Surr)	*117*		*50 - 150*	*10/06/25 10:32*	*10/08/25 06:23*	*1*
Toluene-d8 (Surr)	*97*		*71 - 126*	*10/06/25 10:32*	*10/08/25 06:23*	*1*

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Percent Moisture (EPA Moisture)	**2.3**		1.0	1.0	%			10/09/25 20:18	1
Percent Solids (EPA Moisture)	**97.7**		1.0	1.0	%			10/09/25 20:18	1

Client Sample ID: 1E3_10-11

Lab Sample ID: 460-336467-68

Date Collected: 10/03/25 13:35

Matrix: Solid

Date Received: 10/03/25 16:15

Percent Solids: 90.2

Method: SW846 8260D - Volatile Organic Compounds by GC/MS

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1-Trichloroethane	0.00091	U	0.00091	0.00021	mg/Kg	☼	10/06/25 10:32	10/08/25 06:46	1
1,1,2,2-Tetrachloroethane	0.00091	U	0.00091	0.00048	mg/Kg	☼	10/06/25 10:32	10/08/25 06:46	1
1,1,2-Trichloro-1,2,2-trifluoroethane	0.00091	U	0.00091	0.00027	mg/Kg	☼	10/06/25 10:32	10/08/25 06:46	1
1,1,2-Trichloroethane	0.00091	U	0.00091	0.00055	mg/Kg	☼	10/06/25 10:32	10/08/25 06:46	1
1,1-Dichloroethane	0.00091	U	0.00091	0.00054	mg/Kg	☼	10/06/25 10:32	10/08/25 06:46	1
1,1-Dichloroethene	0.00091	U	0.00091	0.00021	mg/Kg	☼	10/06/25 10:32	10/08/25 06:46	1
1,2,3-Trichlorobenzene	0.00091	U	0.00091	0.00067	mg/Kg	☼	10/06/25 10:32	10/08/25 06:46	1
1,2,4-Trichlorobenzene	0.00091	U	0.00091	0.00033	mg/Kg	☼	10/06/25 10:32	10/08/25 06:46	1
1,2,4-Trimethylbenzene	0.00091	U	0.00091	0.00022	mg/Kg	☼	10/06/25 10:32	10/08/25 06:46	1
1,2-Dibromo-3-Chloropropane	0.00091	U	0.00091	0.00042	mg/Kg	☼	10/06/25 10:32	10/08/25 06:46	1
1,2-Dichlorobenzene	0.00091	U	0.00091	0.00033	mg/Kg	☼	10/06/25 10:32	10/08/25 06:46	1
1,2-Dichloroethane	0.00091	U	0.00091	0.00027	mg/Kg	☼	10/06/25 10:32	10/08/25 06:46	1
1,2-Dichloropropane	0.00091	U	0.00091	0.00039	mg/Kg	☼	10/06/25 10:32	10/08/25 06:46	1
1,3,5-Trimethylbenzene	0.00091	U	0.00091	0.00029	mg/Kg	☼	10/06/25 10:32	10/08/25 06:46	1
1,3-Dichlorobenzene	0.00091	U	0.00091	0.00033	mg/Kg	☼	10/06/25 10:32	10/08/25 06:46	1
1,4-Dichlorobenzene	0.00091	U	0.00091	0.00047	mg/Kg	☼	10/06/25 10:32	10/08/25 06:46	1
2-Butanone (MEK)	0.0046	U	0.0046	0.00034	mg/Kg	☼	10/06/25 10:32	10/08/25 06:46	1
2-Hexanone	0.0046	U	0.0046	0.0016	mg/Kg	☼	10/06/25 10:32	10/08/25 06:46	1
4-Methyl-2-pentanone (MIBK)	0.0046	U	0.0046	0.0014	mg/Kg	☼	10/06/25 10:32	10/08/25 06:46	1
Acetone	**0.078**		0.0055	0.0052	mg/Kg	☼	10/06/25 10:32	10/08/25 06:46	1
Benzene	0.00091	U	0.00091	0.00052	mg/Kg	☼	10/06/25 10:32	10/08/25 06:46	1
Bromoform	0.00091	U	0.00091	0.00039	mg/Kg	☼	10/06/25 10:32	10/08/25 06:46	1
Bromomethane	0.0018	U	0.0018	0.00091	mg/Kg	☼	10/06/25 10:32	10/08/25 06:46	1

Client Sample ID: 1E3_10-11
Date Collected: 10/03/25 13:35
Date Received: 10/03/25 16:15

Lab Sample ID: 460-336467-68
Matrix: Solid
Percent Solids: 90.2

Method: SW846 8260D - Volatile Organic Compounds by GC/MS (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Carbon disulfide	0.00091	U	0.00091	0.00024	mg/Kg	☼	10/06/25 10:32	10/08/25 06:46	1
Carbon tetrachloride	0.00091	U	0.00091	0.00035	mg/Kg	☼	10/06/25 10:32	10/08/25 06:46	1
Chlorobenzene	0.00091	U	0.00091	0.00046	mg/Kg	☼	10/06/25 10:32	10/08/25 06:46	1
Chlorobromomethane	0.00091	U	0.00091	0.00054	mg/Kg	☼	10/06/25 10:32	10/08/25 06:46	1
Chlorodibromomethane	0.00091	U	0.00091	0.00049	mg/Kg	☼	10/06/25 10:32	10/08/25 06:46	1
Chloroethane	0.00091	U	0.00091	0.00048	mg/Kg	☼	10/06/25 10:32	10/08/25 06:46	1
Chloroform	0.00091	U	0.00091	0.00088	mg/Kg	☼	10/06/25 10:32	10/08/25 06:46	1
Chloromethane	0.00091	U	0.00091	0.00040	mg/Kg	☼	10/06/25 10:32	10/08/25 06:46	1
cis-1,2-Dichloroethene	0.00091	U	0.00091	0.00033	mg/Kg	☼	10/06/25 10:32	10/08/25 06:46	1
cis-1,3-Dichloropropene	0.00091	U	0.00091	0.00025	mg/Kg	☼	10/06/25 10:32	10/08/25 06:46	1
Cyclohexane	0.00091	U	0.00091	0.00020	mg/Kg	☼	10/06/25 10:32	10/08/25 06:46	1
Dichlorobromomethane	0.00091	U	0.00091	0.00023	mg/Kg	☼	10/06/25 10:32	10/08/25 06:46	1
Dichlorodifluoromethane	0.00091	U *	0.00091	0.00031	mg/Kg	☼	10/06/25 10:32	10/08/25 06:46	1
Ethylbenzene	0.00091	U	0.00091	0.00043	mg/Kg	☼	10/06/25 10:32	10/08/25 06:46	1
Ethylene Dibromide	0.00091	U	0.00091	0.00046	mg/Kg	☼	10/06/25 10:32	10/08/25 06:46	1
Isopropylbenzene	0.00091	U	0.00091	0.00026	mg/Kg	☼	10/06/25 10:32	10/08/25 06:46	1
Methyl acetate	0.0046	U	0.0046	0.0039	mg/Kg	☼	10/06/25 10:32	10/08/25 06:46	1
Methyl tert-butyl ether	0.00091	U	0.00091	0.00047	mg/Kg	☼	10/06/25 10:32	10/08/25 06:46	1
Methylcyclohexane	0.00091	U	0.00091	0.00045	mg/Kg	☼	10/06/25 10:32	10/08/25 06:46	1
Methylene Chloride	0.0018	U	0.0018	0.0010	mg/Kg	☼	10/06/25 10:32	10/08/25 06:46	1
m-Xylene & p-Xylene	0.00091	U	0.00091	0.00039	mg/Kg	☼	10/06/25 10:32	10/08/25 06:46	1
n-Butylbenzene	0.00091	U	0.00091	0.00027	mg/Kg	☼	10/06/25 10:32	10/08/25 06:46	1
N-Propylbenzene	0.00091	U	0.00091	0.00041	mg/Kg	☼	10/06/25 10:32	10/08/25 06:46	1
o-Xylene	0.00091	U	0.00091	0.00042	mg/Kg	☼	10/06/25 10:32	10/08/25 06:46	1
sec-Butylbenzene	0.00091	U	0.00091	0.00026	mg/Kg	☼	10/06/25 10:32	10/08/25 06:46	1
Styrene	0.00091	U	0.00091	0.00025	mg/Kg	☼	10/06/25 10:32	10/08/25 06:46	1
tert-Butylbenzene	0.00091	U	0.00091	0.00025	mg/Kg	☼	10/06/25 10:32	10/08/25 06:46	1
Tetrachloroethene	0.00091	U	0.00091	0.00028	mg/Kg	☼	10/06/25 10:32	10/08/25 06:46	1
Toluene	**0.00040**	**J**	0.00091	0.00021	mg/Kg	☼	10/06/25 10:32	10/08/25 06:46	1
trans-1,2-Dichloroethene	0.00091	U	0.00091	0.00022	mg/Kg	☼	10/06/25 10:32	10/08/25 06:46	1
trans-1,3-Dichloropropene	0.00091	U	0.00091	0.00024	mg/Kg	☼	10/06/25 10:32	10/08/25 06:46	1
Trichloroethene	0.00091	U	0.00091	0.00029	mg/Kg	☼	10/06/25 10:32	10/08/25 06:46	1
Trichlorofluoromethane	0.00091	U	0.00091	0.00037	mg/Kg	☼	10/06/25 10:32	10/08/25 06:46	1
Vinyl chloride	0.00091	U	0.00091	0.00050	mg/Kg	☼	10/06/25 10:32	10/08/25 06:46	1
Xylenes, Total	0.0018	U	0.0018	0.00016	mg/Kg	☼	10/06/25 10:32	10/08/25 06:46	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,2-Dichloroethane-d4 (Surr)	*109*		*65 - 138*	*10/06/25 10:32*	*10/08/25 06:46*	*1*
4-Bromofluorobenzene	*99*		*71 - 128*	*10/06/25 10:32*	*10/08/25 06:46*	*1*
Dibromofluoromethane (Surr)	*117*		*50 - 150*	*10/06/25 10:32*	*10/08/25 06:46*	*1*
Toluene-d8 (Surr)	*94*		*71 - 126*	*10/06/25 10:32*	*10/08/25 06:46*	*1*

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Percent Moisture (EPA Moisture)	**9.8**		1.0	1.0	%			10/09/25 20:18	1
Percent Solids (EPA Moisture)	**90.2**		1.0	1.0	%			10/09/25 20:18	1

Client Sample ID: 1E2_13-14
Date Collected: 10/03/25 13:40
Date Received: 10/03/25 16:15

Lab Sample ID: 460-336467-69
Matrix: Solid
Percent Solids: 96.4

Method: SW846 8260D - Volatile Organic Compounds by GC/MS

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1-Trichloroethane	0.0019	U	0.0019	0.00044	mg/Kg	☼	10/06/25 10:33	10/08/25 07:09	1
1,1,2,2-Tetrachloroethane	0.0019	U	0.0019	0.0010	mg/Kg	☼	10/06/25 10:33	10/08/25 07:09	1
1,1,2-Trichloro-1,2,2-trifluoroethane	0.0019	U	0.0019	0.00057	mg/Kg	☼	10/06/25 10:33	10/08/25 07:09	1
1,1,2-Trichloroethane	0.0019	U	0.0019	0.0011	mg/Kg	☼	10/06/25 10:33	10/08/25 07:09	1
1,1-Dichloroethane	0.0019	U	0.0019	0.0011	mg/Kg	☼	10/06/25 10:33	10/08/25 07:09	1
1,1-Dichloroethene	0.0019	U	0.0019	0.00043	mg/Kg	☼	10/06/25 10:33	10/08/25 07:09	1
1,2,3-Trichlorobenzene	0.0019	U	0.0019	0.0014	mg/Kg	☼	10/06/25 10:33	10/08/25 07:09	1
1,2,4-Trichlorobenzene	0.0019	U	0.0019	0.00068	mg/Kg	☼	10/06/25 10:33	10/08/25 07:09	1
1,2,4-Trimethylbenzene	0.0019	U	0.0019	0.00047	mg/Kg	☼	10/06/25 10:33	10/08/25 07:09	1
1,2-Dibromo-3-Chloropropane	0.0019	U	0.0019	0.00088	mg/Kg	☼	10/06/25 10:33	10/08/25 07:09	1
1,2-Dichlorobenzene	0.0019	U	0.0019	0.00069	mg/Kg	☼	10/06/25 10:33	10/08/25 07:09	1
1,2-Dichloroethane	0.0019	U	0.0019	0.00057	mg/Kg	☼	10/06/25 10:33	10/08/25 07:09	1
1,2-Dichloropropane	0.0019	U	0.0019	0.00081	mg/Kg	☼	10/06/25 10:33	10/08/25 07:09	1
1,3,5-Trimethylbenzene	0.0019	U	0.0019	0.00060	mg/Kg	☼	10/06/25 10:33	10/08/25 07:09	1
1,3-Dichlorobenzene	0.0019	U	0.0019	0.00070	mg/Kg	☼	10/06/25 10:33	10/08/25 07:09	1
1,4-Dichlorobenzene	0.0019	U	0.0019	0.00099	mg/Kg	☼	10/06/25 10:33	10/08/25 07:09	1
2-Butanone (MEK)	0.0095	U	0.0095	0.00070	mg/Kg	☼	10/06/25 10:33	10/08/25 07:09	1
2-Hexanone	0.0095	U	0.0095	0.0033	mg/Kg	☼	10/06/25 10:33	10/08/25 07:09	1
4-Methyl-2-pentanone (MIBK)	0.0095	U	0.0095	0.0030	mg/Kg	☼	10/06/25 10:33	10/08/25 07:09	1
Acetone	**0.11**		0.011	0.011	mg/Kg	☼	10/06/25 10:33	10/08/25 07:09	1
Benzene	0.0019	U	0.0019	0.0011	mg/Kg	☼	10/06/25 10:33	10/08/25 07:09	1
Bromoform	0.0019	U	0.0019	0.00081	mg/Kg	☼	10/06/25 10:33	10/08/25 07:09	1
Bromomethane	0.0038	U	0.0038	0.0019	mg/Kg	☼	10/06/25 10:33	10/08/25 07:09	1
Carbon disulfide	0.0019	U	0.0019	0.00051	mg/Kg	☼	10/06/25 10:33	10/08/25 07:09	1
Carbon tetrachloride	0.0019	U	0.0019	0.00074	mg/Kg	☼	10/06/25 10:33	10/08/25 07:09	1
Chlorobenzene	0.0019	U	0.0019	0.00097	mg/Kg	☼	10/06/25 10:33	10/08/25 07:09	1
Chlorobromomethane	0.0019	U	0.0019	0.0011	mg/Kg	☼	10/06/25 10:33	10/08/25 07:09	1
Chlorodibromomethane	0.0019	U	0.0019	0.0010	mg/Kg	☼	10/06/25 10:33	10/08/25 07:09	1
Chloroethane	0.0019	U	0.0019	0.0010	mg/Kg	☼	10/06/25 10:33	10/08/25 07:09	1
Chloroform	0.0019	U	0.0019	0.0019	mg/Kg	☼	10/06/25 10:33	10/08/25 07:09	1
Chloromethane	0.0019	U	0.0019	0.00083	mg/Kg	☼	10/06/25 10:33	10/08/25 07:09	1
cis-1,2-Dichloroethene	0.0019	U	0.0019	0.00068	mg/Kg	☼	10/06/25 10:33	10/08/25 07:09	1
cis-1,3-Dichloropropene	0.0019	U	0.0019	0.00052	mg/Kg	☼	10/06/25 10:33	10/08/25 07:09	1
Cyclohexane	0.0019	U	0.0019	0.00042	mg/Kg	☼	10/06/25 10:33	10/08/25 07:09	1
Dichlorobromomethane	0.0019	U	0.0019	0.00049	mg/Kg	☼	10/06/25 10:33	10/08/25 07:09	1
Dichlorodifluoromethane	0.0019	U *	0.0019	0.00065	mg/Kg	☼	10/06/25 10:33	10/08/25 07:09	1
Ethylbenzene	0.0019	U	0.0019	0.00089	mg/Kg	☼	10/06/25 10:33	10/08/25 07:09	1
Ethylene Dibromide	0.0019	U	0.0019	0.00096	mg/Kg	☼	10/06/25 10:33	10/08/25 07:09	1
Isopropylbenzene	0.0019	U	0.0019	0.00054	mg/Kg	☼	10/06/25 10:33	10/08/25 07:09	1
Methyl acetate	0.0095	U	0.0095	0.0082	mg/Kg	☼	10/06/25 10:33	10/08/25 07:09	1
Methyl tert-butyl ether	0.0019	U	0.0019	0.00098	mg/Kg	☼	10/06/25 10:33	10/08/25 07:09	1
Methylcyclohexane	0.0019	U	0.0019	0.00095	mg/Kg	☼	10/06/25 10:33	10/08/25 07:09	1
Methylene Chloride	0.0038	U	0.0038	0.0022	mg/Kg	☼	10/06/25 10:33	10/08/25 07:09	1
m-Xylene & p-Xylene	0.0019	U	0.0019	0.00081	mg/Kg	☼	10/06/25 10:33	10/08/25 07:09	1
n-Butylbenzene	0.0019	U	0.0019	0.00056	mg/Kg	☼	10/06/25 10:33	10/08/25 07:09	1
N-Propylbenzene	0.0019	U	0.0019	0.00086	mg/Kg	☼	10/06/25 10:33	10/08/25 07:09	1
o-Xylene	0.0019	U	0.0019	0.00088	mg/Kg	☼	10/06/25 10:33	10/08/25 07:09	1
sec-Butylbenzene	0.0019	U	0.0019	0.00055	mg/Kg	☼	10/06/25 10:33	10/08/25 07:09	1
Styrene	0.0019	U	0.0019	0.00053	mg/Kg	☼	10/06/25 10:33	10/08/25 07:09	1

Client Sample ID: 1E2_13-14

Lab Sample ID: 460-336467-69
Date Collected: 10/03/25 13:40
Matrix: Solid
Date Received: 10/03/25 16:15
Percent Solids: 96.4

Method: SW846 8260D - Volatile Organic Compounds by GC/MS (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
tert-Butylbenzene	0.0019	U	0.0019	0.00053	mg/Kg	☼	10/06/25 10:33	10/08/25 07:09	1
Tetrachloroethene	0.0019	U	0.0019	0.00058	mg/Kg	☼	10/06/25 10:33	10/08/25 07:09	1
Toluene	**0.00072**	**J**	0.0019	0.00045	mg/Kg	☼	10/06/25 10:33	10/08/25 07:09	1
trans-1,2-Dichloroethene	0.0019	U	0.0019	0.00047	mg/Kg	☼	10/06/25 10:33	10/08/25 07:09	1
trans-1,3-Dichloropropene	0.0019	U	0.0019	0.00051	mg/Kg	☼	10/06/25 10:33	10/08/25 07:09	1
Trichloroethene	0.0019	U	0.0019	0.00061	mg/Kg	☼	10/06/25 10:33	10/08/25 07:09	1
Trichlorofluoromethane	0.0019	U	0.0019	0.00077	mg/Kg	☼	10/06/25 10:33	10/08/25 07:09	1
Vinyl chloride	0.0019	U	0.0019	0.0010	mg/Kg	☼	10/06/25 10:33	10/08/25 07:09	1
Xylenes, Total	0.0038	U	0.0038	0.00033	mg/Kg	☼	10/06/25 10:33	10/08/25 07:09	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,2-Dichloroethane-d4 (Surr)	*115*		*65 - 138*	*10/06/25 10:33*	*10/08/25 07:09*	*1*
4-Bromofluorobenzene	*98*		*71 - 128*	*10/06/25 10:33*	*10/08/25 07:09*	*1*
Dibromofluoromethane (Surr)	*123*		*50 - 150*	*10/06/25 10:33*	*10/08/25 07:09*	*1*
Toluene-d8 (Surr)	*96*		*71 - 126*	*10/06/25 10:33*	*10/08/25 07:09*	*1*

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Percent Moisture (EPA Moisture)	**3.6**		1.0	1.0	%			10/09/25 20:18	1
Percent Solids (EPA Moisture)	**96.4**		1.0	1.0	%			10/09/25 20:18	1

Client Sample ID: 1F1_2-3

Lab Sample ID: 460-336467-70
Date Collected: 10/03/25 13:45
Matrix: Solid
Date Received: 10/03/25 16:15
Percent Solids: 97.5

Method: SW846 8260D - Volatile Organic Compounds by GC/MS

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1-Trichloroethane	0.0010	U	0.0010	0.00024	mg/Kg	☼	10/06/25 10:33	10/08/25 07:33	1
1,1,2,2-Tetrachloroethane	0.0010	U	0.0010	0.00055	mg/Kg	☼	10/06/25 10:33	10/08/25 07:33	1
1,1,2-Trichloro-1,2,2-trifluoroethane	0.0010	U	0.0010	0.00031	mg/Kg	☼	10/06/25 10:33	10/08/25 07:33	1
1,1,2-Trichloroethane	0.0010	U	0.0010	0.00063	mg/Kg	☼	10/06/25 10:33	10/08/25 07:33	1
1,1-Dichloroethane	0.0010	U	0.0010	0.00062	mg/Kg	☼	10/06/25 10:33	10/08/25 07:33	1
1,1-Dichloroethene	0.0010	U	0.0010	0.00024	mg/Kg	☼	10/06/25 10:33	10/08/25 07:33	1
1,2,3-Trichlorobenzene	0.0010	U	0.0010	0.00077	mg/Kg	☼	10/06/25 10:33	10/08/25 07:33	1
1,2,4-Trichlorobenzene	0.0010	U	0.0010	0.00037	mg/Kg	☼	10/06/25 10:33	10/08/25 07:33	1
1,2,4-Trimethylbenzene	0.0010	U	0.0010	0.00026	mg/Kg	☼	10/06/25 10:33	10/08/25 07:33	1
1,2-Dibromo-3-Chloropropane	0.0010	U	0.0010	0.00048	mg/Kg	☼	10/06/25 10:33	10/08/25 07:33	1
1,2-Dichlorobenzene	0.0010	U	0.0010	0.00038	mg/Kg	☼	10/06/25 10:33	10/08/25 07:33	1
1,2-Dichloroethane	0.0010	U	0.0010	0.00031	mg/Kg	☼	10/06/25 10:33	10/08/25 07:33	1
1,2-Dichloropropane	0.0010	U	0.0010	0.00044	mg/Kg	☼	10/06/25 10:33	10/08/25 07:33	1
1,3,5-Trimethylbenzene	0.0010	U	0.0010	0.00033	mg/Kg	☼	10/06/25 10:33	10/08/25 07:33	1
1,3-Dichlorobenzene	0.0010	U	0.0010	0.00038	mg/Kg	☼	10/06/25 10:33	10/08/25 07:33	1
1,4-Dichlorobenzene	0.0010	U	0.0010	0.00054	mg/Kg	☼	10/06/25 10:33	10/08/25 07:33	1
2-Butanone (MEK)	0.0052	U	0.0052	0.00038	mg/Kg	☼	10/06/25 10:33	10/08/25 07:33	1
2-Hexanone	0.0052	U	0.0052	0.0018	mg/Kg	☼	10/06/25 10:33	10/08/25 07:33	1
4-Methyl-2-pentanone (MIBK)	0.0052	U	0.0052	0.0016	mg/Kg	☼	10/06/25 10:33	10/08/25 07:33	1
Acetone	**0.059**		0.0063	0.0060	mg/Kg	☼	10/06/25 10:33	10/08/25 07:33	1
Benzene	0.0010	U	0.0010	0.00059	mg/Kg	☼	10/06/25 10:33	10/08/25 07:33	1
Bromoform	0.0010	U	0.0010	0.00044	mg/Kg	☼	10/06/25 10:33	10/08/25 07:33	1
Bromomethane	0.0021	U	0.0021	0.0010	mg/Kg	☼	10/06/25 10:33	10/08/25 07:33	1

Client Sample ID: 1F1_2-3
Date Collected: 10/03/25 13:45
Date Received: 10/03/25 16:15

Lab Sample ID: 460-336467-70
Matrix: Solid
Percent Solids: 97.5

Method: SW846 8260D - Volatile Organic Compounds by GC/MS (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Carbon disulfide	0.0010	U	0.0010	0.00028	mg/Kg	☼	10/06/25 10:33	10/08/25 07:33	1
Carbon tetrachloride	0.0010	U	0.0010	0.00040	mg/Kg	☼	10/06/25 10:33	10/08/25 07:33	1
Chlorobenzene	0.0010	U	0.0010	0.00053	mg/Kg	☼	10/06/25 10:33	10/08/25 07:33	1
Chlorobromomethane	0.0010	U	0.0010	0.00062	mg/Kg	☼	10/06/25 10:33	10/08/25 07:33	1
Chlorodibromomethane	0.0010	U	0.0010	0.00056	mg/Kg	☼	10/06/25 10:33	10/08/25 07:33	1
Chloroethane	0.0010	U	0.0010	0.00055	mg/Kg	☼	10/06/25 10:33	10/08/25 07:33	1
Chloroform	0.0010	U	0.0010	0.0010	mg/Kg	☼	10/06/25 10:33	10/08/25 07:33	1
Chloromethane	0.0010	U	0.0010	0.00045	mg/Kg	☼	10/06/25 10:33	10/08/25 07:33	1
cis-1,2-Dichloroethene	0.0010	U	0.0010	0.00037	mg/Kg	☼	10/06/25 10:33	10/08/25 07:33	1
cis-1,3-Dichloropropene	0.0010	U	0.0010	0.00029	mg/Kg	☼	10/06/25 10:33	10/08/25 07:33	1
Cyclohexane	0.0010	U	0.0010	0.00023	mg/Kg	☼	10/06/25 10:33	10/08/25 07:33	1
Dichlorobromomethane	0.0010	U	0.0010	0.00027	mg/Kg	☼	10/06/25 10:33	10/08/25 07:33	1
Dichlorodifluoromethane	0.0010	U *	0.0010	0.00035	mg/Kg	☼	10/06/25 10:33	10/08/25 07:33	1
Ethylbenzene	0.0010	U	0.0010	0.00049	mg/Kg	☼	10/06/25 10:33	10/08/25 07:33	1
Ethylene Dibromide	0.0010	U	0.0010	0.00053	mg/Kg	☼	10/06/25 10:33	10/08/25 07:33	1
Isopropylbenzene	0.0010	U	0.0010	0.00030	mg/Kg	☼	10/06/25 10:33	10/08/25 07:33	1
Methyl acetate	0.0052	U	0.0052	0.0045	mg/Kg	☼	10/06/25 10:33	10/08/25 07:33	1
Methyl tert-butyl ether	0.0010	U	0.0010	0.00054	mg/Kg	☼	10/06/25 10:33	10/08/25 07:33	1
Methylcyclohexane	0.0010	U	0.0010	0.00052	mg/Kg	☼	10/06/25 10:33	10/08/25 07:33	1
Methylene Chloride	0.0021	U	0.0021	0.0012	mg/Kg	☼	10/06/25 10:33	10/08/25 07:33	1
m-Xylene & p-Xylene	0.0010	U	0.0010	0.00044	mg/Kg	☼	10/06/25 10:33	10/08/25 07:33	1
n-Butylbenzene	0.0010	U	0.0010	0.00031	mg/Kg	☼	10/06/25 10:33	10/08/25 07:33	1
N-Propylbenzene	0.0010	U	0.0010	0.00047	mg/Kg	☼	10/06/25 10:33	10/08/25 07:33	1
o-Xylene	0.0010	U	0.0010	0.00048	mg/Kg	☼	10/06/25 10:33	10/08/25 07:33	1
sec-Butylbenzene	0.0010	U	0.0010	0.00030	mg/Kg	☼	10/06/25 10:33	10/08/25 07:33	1
Styrene	0.0010	U	0.0010	0.00029	mg/Kg	☼	10/06/25 10:33	10/08/25 07:33	1
tert-Butylbenzene	0.0010	U	0.0010	0.00029	mg/Kg	☼	10/06/25 10:33	10/08/25 07:33	1
Tetrachloroethene	0.0010	U	0.0010	0.00032	mg/Kg	☼	10/06/25 10:33	10/08/25 07:33	1
Toluene	0.0010	U	0.0010	0.00024	mg/Kg	☼	10/06/25 10:33	10/08/25 07:33	1
trans-1,2-Dichloroethene	0.0010	U	0.0010	0.00026	mg/Kg	☼	10/06/25 10:33	10/08/25 07:33	1
trans-1,3-Dichloropropene	0.0010	U	0.0010	0.00028	mg/Kg	☼	10/06/25 10:33	10/08/25 07:33	1
Trichloroethene	0.0010	U	0.0010	0.00034	mg/Kg	☼	10/06/25 10:33	10/08/25 07:33	1
Trichlorofluoromethane	0.0010	U	0.0010	0.00042	mg/Kg	☼	10/06/25 10:33	10/08/25 07:33	1
Vinyl chloride	0.0010	U	0.0010	0.00057	mg/Kg	☼	10/06/25 10:33	10/08/25 07:33	1
Xylenes, Total	0.0021	U	0.0021	0.00018	mg/Kg	☼	10/06/25 10:33	10/08/25 07:33	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,2-Dichloroethane-d4 (Surr)	*111*		*65 - 138*	*10/06/25 10:33*	*10/08/25 07:33*	*1*
4-Bromofluorobenzene	*99*		*71 - 128*	*10/06/25 10:33*	*10/08/25 07:33*	*1*
Dibromofluoromethane (Surr)	*118*		*50 - 150*	*10/06/25 10:33*	*10/08/25 07:33*	*1*
Toluene-d8 (Surr)	*95*		*71 - 126*	*10/06/25 10:33*	*10/08/25 07:33*	*1*

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Percent Moisture (EPA Moisture)	**2.5**		1.0	1.0	%			10/09/25 20:18	1
Percent Solids (EPA Moisture)	**97.5**		1.0	1.0	%			10/09/25 20:18	1

Client Sample ID: 1F2_4-5
Date Collected: 10/03/25 13:50
Date Received: 10/03/25 16:15

Lab Sample ID: 460-336467-71
Matrix: Solid
Percent Solids: 98.0

Method: SW846 8260D - Volatile Organic Compounds by GC/MS

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1-Trichloroethane	0.0015	U	0.0015	0.00035	mg/Kg	☼	10/06/25 10:49	10/08/25 07:56	1
1,1,2,2-Tetrachloroethane	0.0015	U	0.0015	0.00078	mg/Kg	☼	10/06/25 10:49	10/08/25 07:56	1
1,1,2-Trichloro-1,2,2-trifluoroethane	0.0015	U	0.0015	0.00045	mg/Kg	☼	10/06/25 10:49	10/08/25 07:56	1
1,1,2-Trichloroethane	0.0015	U	0.0015	0.00089	mg/Kg	☼	10/06/25 10:49	10/08/25 07:56	1
1,1-Dichloroethane	0.0015	U	0.0015	0.00089	mg/Kg	☼	10/06/25 10:49	10/08/25 07:56	1
1,1-Dichloroethene	0.0015	U	0.0015	0.00033	mg/Kg	☼	10/06/25 10:49	10/08/25 07:56	1
1,2,3-Trichlorobenzene	0.0015	U	0.0015	0.0011	mg/Kg	☼	10/06/25 10:49	10/08/25 07:56	1
1,2,4-Trichlorobenzene	0.0015	U	0.0015	0.00053	mg/Kg	☼	10/06/25 10:49	10/08/25 07:56	1
1,2,4-Trimethylbenzene	0.0015	U	0.0015	0.00037	mg/Kg	☼	10/06/25 10:49	10/08/25 07:56	1
1,2-Dibromo-3-Chloropropane	0.0015	U	0.0015	0.00068	mg/Kg	☼	10/06/25 10:49	10/08/25 07:56	1
1,2-Dichlorobenzene	0.0015	U	0.0015	0.00054	mg/Kg	☼	10/06/25 10:49	10/08/25 07:56	1
1,2-Dichloroethane	0.0015	U	0.0015	0.00044	mg/Kg	☼	10/06/25 10:49	10/08/25 07:56	1
1,2-Dichloropropane	0.0015	U	0.0015	0.00063	mg/Kg	☼	10/06/25 10:49	10/08/25 07:56	1
1,3,5-Trimethylbenzene	0.0015	U	0.0015	0.00047	mg/Kg	☼	10/06/25 10:49	10/08/25 07:56	1
1,3-Dichlorobenzene	0.0015	U	0.0015	0.00054	mg/Kg	☼	10/06/25 10:49	10/08/25 07:56	1
1,4-Dichlorobenzene	0.0015	U	0.0015	0.00077	mg/Kg	☼	10/06/25 10:49	10/08/25 07:56	1
2-Butanone (MEK)	0.0074	U	0.0074	0.00055	mg/Kg	☼	10/06/25 10:49	10/08/25 07:56	1
2-Hexanone	0.0074	U	0.0074	0.0025	mg/Kg	☼	10/06/25 10:49	10/08/25 07:56	1
4-Methyl-2-pentanone (MIBK)	0.0074	U	0.0074	0.0023	mg/Kg	☼	10/06/25 10:49	10/08/25 07:56	1
Acetone	**0.37**		0.0089	0.0085	mg/Kg	☼	10/06/25 10:49	10/08/25 07:56	1
Benzene	0.0015	U	0.0015	0.00084	mg/Kg	☼	10/06/25 10:49	10/08/25 07:56	1
Bromoform	0.0015	U	0.0015	0.00063	mg/Kg	☼	10/06/25 10:49	10/08/25 07:56	1
Bromomethane	0.0030	U	0.0030	0.0015	mg/Kg	☼	10/06/25 10:49	10/08/25 07:56	1
Carbon disulfide	0.0015	U	0.0015	0.00040	mg/Kg	☼	10/06/25 10:49	10/08/25 07:56	1
Carbon tetrachloride	0.0015	U	0.0015	0.00058	mg/Kg	☼	10/06/25 10:49	10/08/25 07:56	1
Chlorobenzene	0.0015	U	0.0015	0.00075	mg/Kg	☼	10/06/25 10:49	10/08/25 07:56	1
Chlorobromomethane	0.0015	U	0.0015	0.00089	mg/Kg	☼	10/06/25 10:49	10/08/25 07:56	1
Chlorodibromomethane	0.0015	U	0.0015	0.00080	mg/Kg	☼	10/06/25 10:49	10/08/25 07:56	1
Chloroethane	0.0015	U	0.0015	0.00078	mg/Kg	☼	10/06/25 10:49	10/08/25 07:56	1
Chloroform	0.0015	U	0.0015	0.0014	mg/Kg	☼	10/06/25 10:49	10/08/25 07:56	1
Chloromethane	0.0015	U	0.0015	0.00065	mg/Kg	☼	10/06/25 10:49	10/08/25 07:56	1
cis-1,2-Dichloroethene	0.0015	U	0.0015	0.00053	mg/Kg	☼	10/06/25 10:49	10/08/25 07:56	1
cis-1,3-Dichloropropene	0.0015	U	0.0015	0.00041	mg/Kg	☼	10/06/25 10:49	10/08/25 07:56	1
Cyclohexane	0.0015	U	0.0015	0.00033	mg/Kg	☼	10/06/25 10:49	10/08/25 07:56	1
Dichlorobromomethane	0.0015	U	0.0015	0.00038	mg/Kg	☼	10/06/25 10:49	10/08/25 07:56	1
Dichlorodifluoromethane	0.0015	U *	0.0015	0.00050	mg/Kg	☼	10/06/25 10:49	10/08/25 07:56	1
Ethylbenzene	0.0015	U	0.0015	0.00070	mg/Kg	☼	10/06/25 10:49	10/08/25 07:56	1
Ethylene Dibromide	0.0015	U	0.0015	0.00075	mg/Kg	☼	10/06/25 10:49	10/08/25 07:56	1
Isopropylbenzene	0.0015	U	0.0015	0.00042	mg/Kg	☼	10/06/25 10:49	10/08/25 07:56	1
Methyl acetate	0.0074	U	0.0074	0.0064	mg/Kg	☼	10/06/25 10:49	10/08/25 07:56	1
Methyl tert-butyl ether	0.0015	U	0.0015	0.00076	mg/Kg	☼	10/06/25 10:49	10/08/25 07:56	1
Methylcyclohexane	0.0015	U	0.0015	0.00074	mg/Kg	☼	10/06/25 10:49	10/08/25 07:56	1
Methylene Chloride	0.0030	U	0.0030	0.0017	mg/Kg	☼	10/06/25 10:49	10/08/25 07:56	1
m-Xylene & p-Xylene	0.0015	U	0.0015	0.00063	mg/Kg	☼	10/06/25 10:49	10/08/25 07:56	1
n-Butylbenzene	0.0015	U	0.0015	0.00044	mg/Kg	☼	10/06/25 10:49	10/08/25 07:56	1
N-Propylbenzene	0.0015	U	0.0015	0.00067	mg/Kg	☼	10/06/25 10:49	10/08/25 07:56	1
o-Xylene	0.0015	U	0.0015	0.00069	mg/Kg	☼	10/06/25 10:49	10/08/25 07:56	1
sec-Butylbenzene	0.0015	U	0.0015	0.00043	mg/Kg	☼	10/06/25 10:49	10/08/25 07:56	1
Styrene	0.0015	U	0.0015	0.00041	mg/Kg	☼	10/06/25 10:49	10/08/25 07:56	1

Client Sample ID: 1F2_4-5

Date Collected: 10/03/25 13:50
Date Received: 10/03/25 16:15

Lab Sample ID: 460-336467-71
Matrix: Solid
Percent Solids: 98.0

Method: SW846 8260D - Volatile Organic Compounds by GC/MS (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
tert-Butylbenzene	0.0015	U	0.0015	0.00041	mg/Kg	☼	10/06/25 10:49	10/08/25 07:56	1
Tetrachloroethene	0.0015	U	0.0015	0.00045	mg/Kg	☼	10/06/25 10:49	10/08/25 07:56	1
Toluene	0.0015	U	0.0015	0.00035	mg/Kg	☼	10/06/25 10:49	10/08/25 07:56	1
trans-1,2-Dichloroethene	0.0015	U	0.0015	0.00037	mg/Kg	☼	10/06/25 10:49	10/08/25 07:56	1
trans-1,3-Dichloropropene	0.0015	U	0.0015	0.00040	mg/Kg	☼	10/06/25 10:49	10/08/25 07:56	1
Trichloroethene	0.0015	U	0.0015	0.00048	mg/Kg	☼	10/06/25 10:49	10/08/25 07:56	1
Trichlorofluoromethane	0.0015	U	0.0015	0.00060	mg/Kg	☼	10/06/25 10:49	10/08/25 07:56	1
Vinyl chloride	0.0015	U	0.0015	0.00081	mg/Kg	☼	10/06/25 10:49	10/08/25 07:56	1
Xylenes, Total	0.0030	U	0.0030	0.00026	mg/Kg	☼	10/06/25 10:49	10/08/25 07:56	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,2-Dichloroethane-d4 (Surr)	*111*		*65 - 138*	*10/06/25 10:49*	*10/08/25 07:56*	*1*
4-Bromofluorobenzene	*102*		*71 - 128*	*10/06/25 10:49*	*10/08/25 07:56*	*1*
Dibromofluoromethane (Surr)	*119*		*50 - 150*	*10/06/25 10:49*	*10/08/25 07:56*	*1*
Toluene-d8 (Surr)	*96*		*71 - 126*	*10/06/25 10:49*	*10/08/25 07:56*	*1*

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Percent Moisture (EPA Moisture)	**2.0**		1.0	1.0	%			10/09/25 20:18	1
Percent Solids (EPA Moisture)	**98.0**		1.0	1.0	%			10/09/25 20:18	1

Client Sample ID: 1F3_5-6

Date Collected: 10/03/25 13:55
Date Received: 10/03/25 16:15

Lab Sample ID: 460-336467-72
Matrix: Solid
Percent Solids: 98.0

Method: SW846 8260D - Volatile Organic Compounds by GC/MS

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1-Trichloroethane	0.0011	U	0.0011	0.00026	mg/Kg	☼	10/06/25 10:49	10/08/25 08:19	1
1,1,2,2-Tetrachloroethane	0.0011	U	0.0011	0.00057	mg/Kg	☼	10/06/25 10:49	10/08/25 08:19	1
1,1,2-Trichloro-1,2,2-trifluoroethane	0.0011	U	0.0011	0.00033	mg/Kg	☼	10/06/25 10:49	10/08/25 08:19	1
1,1,2-Trichloroethane	0.0011	U	0.0011	0.00066	mg/Kg	☼	10/06/25 10:49	10/08/25 08:19	1
1,1-Dichloroethane	0.0011	U	0.0011	0.00066	mg/Kg	☼	10/06/25 10:49	10/08/25 08:19	1
1,1-Dichloroethene	0.0011	U	0.0011	0.00025	mg/Kg	☼	10/06/25 10:49	10/08/25 08:19	1
1,2,3-Trichlorobenzene	0.0011	U	0.0011	0.00081	mg/Kg	☼	10/06/25 10:49	10/08/25 08:19	1
1,2,4-Trichlorobenzene	0.0011	U	0.0011	0.00039	mg/Kg	☼	10/06/25 10:49	10/08/25 08:19	1
1,2,4-Trimethylbenzene	0.0011	U	0.0011	0.00027	mg/Kg	☼	10/06/25 10:49	10/08/25 08:19	1
1,2-Dibromo-3-Chloropropane	0.0011	U	0.0011	0.00050	mg/Kg	☼	10/06/25 10:49	10/08/25 08:19	1
1,2-Dichlorobenzene	0.0011	U	0.0011	0.00040	mg/Kg	☼	10/06/25 10:49	10/08/25 08:19	1
1,2-Dichloroethane	0.0011	U	0.0011	0.00032	mg/Kg	☼	10/06/25 10:49	10/08/25 08:19	1
1,2-Dichloropropane	0.0011	U	0.0011	0.00046	mg/Kg	☼	10/06/25 10:49	10/08/25 08:19	1
1,3,5-Trimethylbenzene	0.0011	U	0.0011	0.00034	mg/Kg	☼	10/06/25 10:49	10/08/25 08:19	1
1,3-Dichlorobenzene	0.0011	U	0.0011	0.00040	mg/Kg	☼	10/06/25 10:49	10/08/25 08:19	1
1,4-Dichlorobenzene	0.0011	U	0.0011	0.00057	mg/Kg	☼	10/06/25 10:49	10/08/25 08:19	1
2-Butanone (MEK)	0.0055	U	0.0055	0.00040	mg/Kg	☼	10/06/25 10:49	10/08/25 08:19	1
2-Hexanone	0.0055	U	0.0055	0.0019	mg/Kg	☼	10/06/25 10:49	10/08/25 08:19	1
4-Methyl-2-pentanone (MIBK)	0.0055	U	0.0055	0.0017	mg/Kg	☼	10/06/25 10:49	10/08/25 08:19	1
Acetone	**0.30**		0.0066	0.0063	mg/Kg	☼	10/06/25 10:49	10/08/25 08:19	1
Benzene	0.0011	U	0.0011	0.00062	mg/Kg	☼	10/06/25 10:49	10/08/25 08:19	1
Bromoform	0.0011	U	0.0011	0.00047	mg/Kg	☼	10/06/25 10:49	10/08/25 08:19	1
Bromomethane	0.0022	U	0.0022	0.0011	mg/Kg	☼	10/06/25 10:49	10/08/25 08:19	1

Client Sample ID: 1F3_5-6
Date Collected: 10/03/25 13:55
Date Received: 10/03/25 16:15

Lab Sample ID: 460-336467-72
Matrix: Solid
Percent Solids: 98.0

Method: SW846 8260D - Volatile Organic Compounds by GC/MS (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Carbon disulfide	0.0011	U	0.0011	0.00029	mg/Kg	☼	10/06/25 10:49	10/08/25 08:19	1
Carbon tetrachloride	0.0011	U	0.0011	0.00042	mg/Kg	☼	10/06/25 10:49	10/08/25 08:19	1
Chlorobenzene	0.0011	U	0.0011	0.00056	mg/Kg	☼	10/06/25 10:49	10/08/25 08:19	1
Chlorobromomethane	0.0011	U	0.0011	0.00065	mg/Kg	☼	10/06/25 10:49	10/08/25 08:19	1
Chlorodibromomethane	0.0011	U	0.0011	0.00059	mg/Kg	☼	10/06/25 10:49	10/08/25 08:19	1
Chloroethane	0.0011	U	0.0011	0.00057	mg/Kg	☼	10/06/25 10:49	10/08/25 08:19	1
Chloroform	0.0011	U	0.0011	0.0011	mg/Kg	☼	10/06/25 10:49	10/08/25 08:19	1
Chloromethane	0.0011	U	0.0011	0.00048	mg/Kg	☼	10/06/25 10:49	10/08/25 08:19	1
cis-1,2-Dichloroethene	0.0011	U	0.0011	0.00039	mg/Kg	☼	10/06/25 10:49	10/08/25 08:19	1
cis-1,3-Dichloropropene	0.0011	U	0.0011	0.00030	mg/Kg	☼	10/06/25 10:49	10/08/25 08:19	1
Cyclohexane	0.0011	U	0.0011	0.00024	mg/Kg	☼	10/06/25 10:49	10/08/25 08:19	1
Dichlorobromomethane	0.0011	U	0.0011	0.00028	mg/Kg	☼	10/06/25 10:49	10/08/25 08:19	1
Dichlorodifluoromethane	0.0011	U *	0.0011	0.00037	mg/Kg	☼	10/06/25 10:49	10/08/25 08:19	1
Ethylbenzene	0.0011	U	0.0011	0.00051	mg/Kg	☼	10/06/25 10:49	10/08/25 08:19	1
Ethylene Dibromide	0.0011	U	0.0011	0.00055	mg/Kg	☼	10/06/25 10:49	10/08/25 08:19	1
Isopropylbenzene	0.0011	U	0.0011	0.00031	mg/Kg	☼	10/06/25 10:49	10/08/25 08:19	1
Methyl acetate	0.0055	U	0.0055	0.0047	mg/Kg	☼	10/06/25 10:49	10/08/25 08:19	1
Methyl tert-butyl ether	0.0011	U	0.0011	0.00056	mg/Kg	☼	10/06/25 10:49	10/08/25 08:19	1
Methylcyclohexane	0.0011	U	0.0011	0.00055	mg/Kg	☼	10/06/25 10:49	10/08/25 08:19	1
Methylene Chloride	0.0022	U	0.0022	0.0013	mg/Kg	☼	10/06/25 10:49	10/08/25 08:19	1
m-Xylene & p-Xylene	0.0011	U	0.0011	0.00046	mg/Kg	☼	10/06/25 10:49	10/08/25 08:19	1
n-Butylbenzene	0.0011	U	0.0011	0.00032	mg/Kg	☼	10/06/25 10:49	10/08/25 08:19	1
N-Propylbenzene	0.0011	U	0.0011	0.00049	mg/Kg	☼	10/06/25 10:49	10/08/25 08:19	1
o-Xylene	0.0011	U	0.0011	0.00051	mg/Kg	☼	10/06/25 10:49	10/08/25 08:19	1
sec-Butylbenzene	0.0011	U	0.0011	0.00032	mg/Kg	☼	10/06/25 10:49	10/08/25 08:19	1
Styrene	0.0011	U	0.0011	0.00031	mg/Kg	☼	10/06/25 10:49	10/08/25 08:19	1
tert-Butylbenzene	0.0011	U	0.0011	0.00030	mg/Kg	☼	10/06/25 10:49	10/08/25 08:19	1
Tetrachloroethene	0.0011	U	0.0011	0.00033	mg/Kg	☼	10/06/25 10:49	10/08/25 08:19	1
Toluene	0.0011	U	0.0011	0.00026	mg/Kg	☼	10/06/25 10:49	10/08/25 08:19	1
trans-1,2-Dichloroethene	0.0011	U	0.0011	0.00027	mg/Kg	☼	10/06/25 10:49	10/08/25 08:19	1
trans-1,3-Dichloropropene	0.0011	U	0.0011	0.00029	mg/Kg	☼	10/06/25 10:49	10/08/25 08:19	1
Trichloroethene	0.0011	U	0.0011	0.00035	mg/Kg	☼	10/06/25 10:49	10/08/25 08:19	1
Trichlorofluoromethane	0.0011	U	0.0011	0.00045	mg/Kg	☼	10/06/25 10:49	10/08/25 08:19	1
Vinyl chloride	0.0011	U	0.0011	0.00060	mg/Kg	☼	10/06/25 10:49	10/08/25 08:19	1
Xylenes, Total	0.0022	U	0.0022	0.00019	mg/Kg	☼	10/06/25 10:49	10/08/25 08:19	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,2-Dichloroethane-d4 (Surr)	*112*		*65 - 138*	*10/06/25 10:49*	*10/08/25 08:19*	*1*
4-Bromofluorobenzene	*99*		*71 - 128*	*10/06/25 10:49*	*10/08/25 08:19*	*1*
Dibromofluoromethane (Surr)	*119*		*50 - 150*	*10/06/25 10:49*	*10/08/25 08:19*	*1*
Toluene-d8 (Surr)	*95*		*71 - 126*	*10/06/25 10:49*	*10/08/25 08:19*	*1*

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Percent Moisture (EPA Moisture)	**2.0**		1.0	1.0	%			10/09/25 20:18	1
Percent Solids (EPA Moisture)	**98.0**		1.0	1.0	%			10/09/25 20:18	1

Client: Haley & Aldrich, Inc.
Project/Site: Former Port Mobil

Job ID: 460-336467-1

Client Sample ID: 1F1_7-8
Date Collected: 10/03/25 14:00
Date Received: 10/03/25 16:15

Lab Sample ID: 460-336467-73
Matrix: Solid
Percent Solids: 93.0

Method: SW846 8260D - Volatile Organic Compounds by GC/MS

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1-Trichloroethane	0.0013	U	0.0013	0.00030	mg/Kg	☼	10/06/25 10:49	10/08/25 08:42	1
1,1,2,2-Tetrachloroethane	0.0013	U	0.0013	0.00068	mg/Kg	☼	10/06/25 10:49	10/08/25 08:42	1
1,1,2-Trichloro-1,2,2-trifluoroethane	0.0013	U	0.0013	0.00039	mg/Kg	☼	10/06/25 10:49	10/08/25 08:42	1
1,1,2-Trichloroethane	0.0013	U	0.0013	0.00078	mg/Kg	☼	10/06/25 10:49	10/08/25 08:42	1
1,1-Dichloroethane	0.0013	U	0.0013	0.00078	mg/Kg	☼	10/06/25 10:49	10/08/25 08:42	1
1,1-Dichloroethene	0.0013	U	0.0013	0.00029	mg/Kg	☼	10/06/25 10:49	10/08/25 08:42	1
1,2,3-Trichlorobenzene	0.0013	U	0.0013	0.00096	mg/Kg	☼	10/06/25 10:49	10/08/25 08:42	1
1,2,4-Trichlorobenzene	0.0013	U	0.0013	0.00047	mg/Kg	☼	10/06/25 10:49	10/08/25 08:42	1
1,2,4-Trimethylbenzene	0.0013	U	0.0013	0.00032	mg/Kg	☼	10/06/25 10:49	10/08/25 08:42	1
1,2-Dibromo-3-Chloropropane	0.0013	U	0.0013	0.00060	mg/Kg	☼	10/06/25 10:49	10/08/25 08:42	1
1,2-Dichlorobenzene	0.0013	U	0.0013	0.00047	mg/Kg	☼	10/06/25 10:49	10/08/25 08:42	1
1,2-Dichloroethane	0.0013	U	0.0013	0.00038	mg/Kg	☼	10/06/25 10:49	10/08/25 08:42	1
1,2-Dichloropropane	0.0013	U	0.0013	0.00055	mg/Kg	☼	10/06/25 10:49	10/08/25 08:42	1
1,3,5-Trimethylbenzene	0.0013	U	0.0013	0.00041	mg/Kg	☼	10/06/25 10:49	10/08/25 08:42	1
1,3-Dichlorobenzene	0.0013	U	0.0013	0.00047	mg/Kg	☼	10/06/25 10:49	10/08/25 08:42	1
1,4-Dichlorobenzene	0.0013	U	0.0013	0.00067	mg/Kg	☼	10/06/25 10:49	10/08/25 08:42	1
2-Butanone (MEK)	0.0065	U	0.0065	0.00048	mg/Kg	☼	10/06/25 10:49	10/08/25 08:42	1
2-Hexanone	0.0065	U	0.0065	0.0022	mg/Kg	☼	10/06/25 10:49	10/08/25 08:42	1
4-Methyl-2-pentanone (MIBK)	0.0065	U	0.0065	0.0020	mg/Kg	☼	10/06/25 10:49	10/08/25 08:42	1
Acetone	**0.10**		0.0078	0.0074	mg/Kg	☼	10/06/25 10:49	10/08/25 08:42	1
Benzene	0.0013	U	0.0013	0.00074	mg/Kg	☼	10/06/25 10:49	10/08/25 08:42	1
Bromoform	0.0013	U	0.0013	0.00055	mg/Kg	☼	10/06/25 10:49	10/08/25 08:42	1
Bromomethane	0.0026	U	0.0026	0.0013	mg/Kg	☼	10/06/25 10:49	10/08/25 08:42	1
Carbon disulfide	0.0013	U	0.0013	0.00035	mg/Kg	☼	10/06/25 10:49	10/08/25 08:42	1
Carbon tetrachloride	0.0013	U	0.0013	0.00050	mg/Kg	☼	10/06/25 10:49	10/08/25 08:42	1
Chlorobenzene	0.0013	U	0.0013	0.00066	mg/Kg	☼	10/06/25 10:49	10/08/25 08:42	1
Chlorobromomethane	0.0013	U	0.0013	0.00077	mg/Kg	☼	10/06/25 10:49	10/08/25 08:42	1
Chlorodibromomethane	0.0013	U	0.0013	0.00070	mg/Kg	☼	10/06/25 10:49	10/08/25 08:42	1
Chloroethane	0.0013	U	0.0013	0.00068	mg/Kg	☼	10/06/25 10:49	10/08/25 08:42	1
Chloroform	0.0013	U	0.0013	0.0013	mg/Kg	☼	10/06/25 10:49	10/08/25 08:42	1
Chloromethane	0.0013	U	0.0013	0.00057	mg/Kg	☼	10/06/25 10:49	10/08/25 08:42	1
cis-1,2-Dichloroethene	0.0013	U	0.0013	0.00047	mg/Kg	☼	10/06/25 10:49	10/08/25 08:42	1
cis-1,3-Dichloropropene	0.0013	U	0.0013	0.00035	mg/Kg	☼	10/06/25 10:49	10/08/25 08:42	1
Cyclohexane	0.0013	U	0.0013	0.00029	mg/Kg	☼	10/06/25 10:49	10/08/25 08:42	1
Dichlorobromomethane	0.0013	U	0.0013	0.00033	mg/Kg	☼	10/06/25 10:49	10/08/25 08:42	1
Dichlorodifluoromethane	0.0013	U *	0.0013	0.00044	mg/Kg	☼	10/06/25 10:49	10/08/25 08:42	1
Ethylbenzene	0.0013	U	0.0013	0.00061	mg/Kg	☼	10/06/25 10:49	10/08/25 08:42	1
Ethylene Dibromide	0.0013	U	0.0013	0.00066	mg/Kg	☼	10/06/25 10:49	10/08/25 08:42	1
Isopropylbenzene	0.0013	U	0.0013	0.00037	mg/Kg	☼	10/06/25 10:49	10/08/25 08:42	1
Methyl acetate	0.0065	U	0.0065	0.0056	mg/Kg	☼	10/06/25 10:49	10/08/25 08:42	1
Methyl tert-butyl ether	0.0013	U	0.0013	0.00067	mg/Kg	☼	10/06/25 10:49	10/08/25 08:42	1
Methylcyclohexane	0.0013	U	0.0013	0.00065	mg/Kg	☼	10/06/25 10:49	10/08/25 08:42	1
Methylene Chloride	0.0026	U	0.0026	0.0015	mg/Kg	☼	10/06/25 10:49	10/08/25 08:42	1
m-Xylene & p-Xylene	0.0013	U	0.0013	0.00055	mg/Kg	☼	10/06/25 10:49	10/08/25 08:42	1
n-Butylbenzene	0.0013	U	0.0013	0.00038	mg/Kg	☼	10/06/25 10:49	10/08/25 08:42	1
N-Propylbenzene	0.0013	U	0.0013	0.00058	mg/Kg	☼	10/06/25 10:49	10/08/25 08:42	1
o-Xylene	0.0013	U	0.0013	0.00060	mg/Kg	☼	10/06/25 10:49	10/08/25 08:42	1
sec-Butylbenzene	0.0013	U	0.0013	0.00037	mg/Kg	☼	10/06/25 10:49	10/08/25 08:42	1
Styrene	0.0013	U	0.0013	0.00036	mg/Kg	☼	10/06/25 10:49	10/08/25 08:42	1

Client Sample ID: 1F1_7-8

Date Collected: 10/03/25 14:00
Date Received: 10/03/25 16:15

Lab Sample ID: 460-336467-73

Matrix: Solid
Percent Solids: 93.0

Method: SW846 8260D - Volatile Organic Compounds by GC/MS (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
tert-Butylbenzene	0.0013	U	0.0013	0.00036	mg/Kg	☼	10/06/25 10:49	10/08/25 08:42	1
Tetrachloroethene	0.0013	U	0.0013	0.00040	mg/Kg	☼	10/06/25 10:49	10/08/25 08:42	1
Toluene	0.0013	U	0.0013	0.00030	mg/Kg	☼	10/06/25 10:49	10/08/25 08:42	1
trans-1,2-Dichloroethene	0.0013	U	0.0013	0.00032	mg/Kg	☼	10/06/25 10:49	10/08/25 08:42	1
trans-1,3-Dichloropropene	0.0013	U	0.0013	0.00035	mg/Kg	☼	10/06/25 10:49	10/08/25 08:42	1
Trichloroethene	0.0013	U	0.0013	0.00042	mg/Kg	☼	10/06/25 10:49	10/08/25 08:42	1
Trichlorofluoromethane	0.0013	U	0.0013	0.00053	mg/Kg	☼	10/06/25 10:49	10/08/25 08:42	1
Vinyl chloride	0.0013	U	0.0013	0.00071	mg/Kg	☼	10/06/25 10:49	10/08/25 08:42	1
Xylenes, Total	0.0026	U	0.0026	0.00023	mg/Kg	☼	10/06/25 10:49	10/08/25 08:42	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,2-Dichloroethane-d4 (Surr)	*112*		*65 - 138*	*10/06/25 10:49*	*10/08/25 08:42*	*1*
4-Bromofluorobenzene	*99*		*71 - 128*	*10/06/25 10:49*	*10/08/25 08:42*	*1*
Dibromofluoromethane (Surr)	*120*		*50 - 150*	*10/06/25 10:49*	*10/08/25 08:42*	*1*
Toluene-d8 (Surr)	*96*		*71 - 126*	*10/06/25 10:49*	*10/08/25 08:42*	*1*

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Percent Moisture (EPA Moisture)	**7.0**		1.0	1.0	%			10/09/25 20:18	1
Percent Solids (EPA Moisture)	**93.0**		1.0	1.0	%			10/09/25 20:18	1

Client Sample ID: 1F2_8-9

Date Collected: 10/03/25 14:05
Date Received: 10/03/25 16:15

Lab Sample ID: 460-336467-74

Matrix: Solid
Percent Solids: 97.0

Method: SW846 8260D - Volatile Organic Compounds by GC/MS

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1-Trichloroethane	0.0013	U	0.0013	0.00030	mg/Kg	☼	10/06/25 10:50	10/08/25 09:05	1
1,1,2,2-Tetrachloroethane	0.0013	U	0.0013	0.00068	mg/Kg	☼	10/06/25 10:50	10/08/25 09:05	1
1,1,2-Trichloro-1,2,2-trifluoroethane	0.0013	U	0.0013	0.00039	mg/Kg	☼	10/06/25 10:50	10/08/25 09:05	1
1,1,2-Trichloroethane	0.0013	U	0.0013	0.00078	mg/Kg	☼	10/06/25 10:50	10/08/25 09:05	1
1,1-Dichloroethane	0.0013	U	0.0013	0.00077	mg/Kg	☼	10/06/25 10:50	10/08/25 09:05	1
1,1-Dichloroethene	0.0013	U	0.0013	0.00029	mg/Kg	☼	10/06/25 10:50	10/08/25 09:05	1
1,2,3-Trichlorobenzene	0.0013	U	0.0013	0.00095	mg/Kg	☼	10/06/25 10:50	10/08/25 09:05	1
1,2,4-Trichlorobenzene	0.0013	U	0.0013	0.00046	mg/Kg	☼	10/06/25 10:50	10/08/25 09:05	1
1,2,4-Trimethylbenzene	0.0013	U	0.0013	0.00032	mg/Kg	☼	10/06/25 10:50	10/08/25 09:05	1
1,2-Dibromo-3-Chloropropane	0.0013	U	0.0013	0.00060	mg/Kg	☼	10/06/25 10:50	10/08/25 09:05	1
1,2-Dichlorobenzene	0.0013	U	0.0013	0.00047	mg/Kg	☼	10/06/25 10:50	10/08/25 09:05	1
1,2-Dichloroethane	0.0013	U	0.0013	0.00038	mg/Kg	☼	10/06/25 10:50	10/08/25 09:05	1
1,2-Dichloropropane	0.0013	U	0.0013	0.00055	mg/Kg	☼	10/06/25 10:50	10/08/25 09:05	1
1,3,5-Trimethylbenzene	0.0013	U	0.0013	0.00041	mg/Kg	☼	10/06/25 10:50	10/08/25 09:05	1
1,3-Dichlorobenzene	0.0013	U	0.0013	0.00047	mg/Kg	☼	10/06/25 10:50	10/08/25 09:05	1
1,4-Dichlorobenzene	0.0013	U	0.0013	0.00067	mg/Kg	☼	10/06/25 10:50	10/08/25 09:05	1
2-Butanone (MEK)	0.0065	U	0.0065	0.00048	mg/Kg	☼	10/06/25 10:50	10/08/25 09:05	1
2-Hexanone	0.0065	U	0.0065	0.0022	mg/Kg	☼	10/06/25 10:50	10/08/25 09:05	1
4-Methyl-2-pentanone (MIBK)	0.0065	U	0.0065	0.0020	mg/Kg	☼	10/06/25 10:50	10/08/25 09:05	1
Acetone	**0.076**		0.0078	0.0074	mg/Kg	☼	10/06/25 10:50	10/08/25 09:05	1
Benzene	0.0013	U	0.0013	0.00073	mg/Kg	☼	10/06/25 10:50	10/08/25 09:05	1
Bromoform	0.0013	U	0.0013	0.00055	mg/Kg	☼	10/06/25 10:50	10/08/25 09:05	1
Bromomethane	0.0026	U	0.0026	0.0013	mg/Kg	☼	10/06/25 10:50	10/08/25 09:05	1

Client Sample ID: 1F2_8-9
Date Collected: 10/03/25 14:05
Date Received: 10/03/25 16:15

Lab Sample ID: 460-336467-74
Matrix: Solid
Percent Solids: 97.0

Method: SW846 8260D - Volatile Organic Compounds by GC/MS (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Carbon disulfide	0.0013	U	0.0013	0.00034	mg/Kg	☼	10/06/25 10:50	10/08/25 09:05	1
Carbon tetrachloride	0.0013	U	0.0013	0.00050	mg/Kg	☼	10/06/25 10:50	10/08/25 09:05	1
Chlorobenzene	0.0013	U	0.0013	0.00066	mg/Kg	☼	10/06/25 10:50	10/08/25 09:05	1
Chlorobromomethane	0.0013	U	0.0013	0.00077	mg/Kg	☼	10/06/25 10:50	10/08/25 09:05	1
Chlorodibromomethane	0.0013	U	0.0013	0.00069	mg/Kg	☼	10/06/25 10:50	10/08/25 09:05	1
Chloroethane	0.0013	U	0.0013	0.00068	mg/Kg	☼	10/06/25 10:50	10/08/25 09:05	1
Chloroform	0.0013	U	0.0013	0.0013	mg/Kg	☼	10/06/25 10:50	10/08/25 09:05	1
Chloromethane	0.0013	U	0.0013	0.00056	mg/Kg	☼	10/06/25 10:50	10/08/25 09:05	1
cis-1,2-Dichloroethene	0.0013	U	0.0013	0.00046	mg/Kg	☼	10/06/25 10:50	10/08/25 09:05	1
cis-1,3-Dichloropropene	0.0013	U	0.0013	0.00035	mg/Kg	☼	10/06/25 10:50	10/08/25 09:05	1
Cyclohexane	0.0013	U	0.0013	0.00029	mg/Kg	☼	10/06/25 10:50	10/08/25 09:05	1
Dichlorobromomethane	0.0013	U	0.0013	0.00033	mg/Kg	☼	10/06/25 10:50	10/08/25 09:05	1
Dichlorodifluoromethane	0.0013	U *	0.0013	0.00044	mg/Kg	☼	10/06/25 10:50	10/08/25 09:05	1
Ethylbenzene	0.0013	U	0.0013	0.00061	mg/Kg	☼	10/06/25 10:50	10/08/25 09:05	1
Ethylene Dibromide	0.0013	U	0.0013	0.00065	mg/Kg	☼	10/06/25 10:50	10/08/25 09:05	1
Isopropylbenzene	0.0013	U	0.0013	0.00037	mg/Kg	☼	10/06/25 10:50	10/08/25 09:05	1
Methyl acetate	0.0065	U	0.0065	0.0056	mg/Kg	☼	10/06/25 10:50	10/08/25 09:05	1
Methyl tert-butyl ether	0.0013	U	0.0013	0.00066	mg/Kg	☼	10/06/25 10:50	10/08/25 09:05	1
Methylcyclohexane	0.0013	U	0.0013	0.00065	mg/Kg	☼	10/06/25 10:50	10/08/25 09:05	1
Methylene Chloride	0.0026	U	0.0026	0.0015	mg/Kg	☼	10/06/25 10:50	10/08/25 09:05	1
m-Xylene & p-Xylene	0.0013	U	0.0013	0.00055	mg/Kg	☼	10/06/25 10:50	10/08/25 09:05	1
n-Butylbenzene	0.0013	U	0.0013	0.00038	mg/Kg	☼	10/06/25 10:50	10/08/25 09:05	1
N-Propylbenzene	0.0013	U	0.0013	0.00058	mg/Kg	☼	10/06/25 10:50	10/08/25 09:05	1
o-Xylene	0.0013	U	0.0013	0.00060	mg/Kg	☼	10/06/25 10:50	10/08/25 09:05	1
sec-Butylbenzene	0.0013	U	0.0013	0.00037	mg/Kg	☼	10/06/25 10:50	10/08/25 09:05	1
Styrene	0.0013	U	0.0013	0.00036	mg/Kg	☼	10/06/25 10:50	10/08/25 09:05	1
tert-Butylbenzene	0.0013	U	0.0013	0.00036	mg/Kg	☼	10/06/25 10:50	10/08/25 09:05	1
Tetrachloroethene	0.0013	U	0.0013	0.00039	mg/Kg	☼	10/06/25 10:50	10/08/25 09:05	1
Toluene	0.0013	U	0.0013	0.00030	mg/Kg	☼	10/06/25 10:50	10/08/25 09:05	1
trans-1,2-Dichloroethene	0.0013	U	0.0013	0.00032	mg/Kg	☼	10/06/25 10:50	10/08/25 09:05	1
trans-1,3-Dichloropropene	0.0013	U	0.0013	0.00034	mg/Kg	☼	10/06/25 10:50	10/08/25 09:05	1
Trichloroethene	0.0013	U	0.0013	0.00042	mg/Kg	☼	10/06/25 10:50	10/08/25 09:05	1
Trichlorofluoromethane	0.0013	U	0.0013	0.00053	mg/Kg	☼	10/06/25 10:50	10/08/25 09:05	1
Vinyl chloride	0.0013	U	0.0013	0.00071	mg/Kg	☼	10/06/25 10:50	10/08/25 09:05	1
Xylenes, Total	0.0026	U	0.0026	0.00023	mg/Kg	☼	10/06/25 10:50	10/08/25 09:05	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,2-Dichloroethane-d4 (Surr)	*111*		*65 - 138*	*10/06/25 10:50*	*10/08/25 09:05*	*1*
4-Bromofluorobenzene	*99*		*71 - 128*	*10/06/25 10:50*	*10/08/25 09:05*	*1*
Dibromofluoromethane (Surr)	*120*		*50 - 150*	*10/06/25 10:50*	*10/08/25 09:05*	*1*
Toluene-d8 (Surr)	*95*		*71 - 126*	*10/06/25 10:50*	*10/08/25 09:05*	*1*

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Percent Moisture (EPA Moisture)	**3.0**		1.0	1.0	%			10/09/25 20:18	1
Percent Solids (EPA Moisture)	**97.0**		1.0	1.0	%			10/09/25 20:18	1

Client Sample ID: 1F3_10-11
Date Collected: 10/03/25 14:10
Date Received: 10/03/25 16:15

Lab Sample ID: 460-336467-75
Matrix: Solid
Percent Solids: 97.9

Method: SW846 8260D - Volatile Organic Compounds by GC/MS

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1-Trichloroethane	0.0017	U	0.0017	0.00039	mg/Kg	☼	10/06/25 10:50	10/08/25 09:28	1
1,1,2,2-Tetrachloroethane	0.0017	U	0.0017	0.00087	mg/Kg	☼	10/06/25 10:50	10/08/25 09:28	1
1,1,2-Trichloro-1,2,2-trifluoroethane	0.0017	U	0.0017	0.00050	mg/Kg	☼	10/06/25 10:50	10/08/25 09:28	1
1,1,2-Trichloroethane	0.0017	U	0.0017	0.0010	mg/Kg	☼	10/06/25 10:50	10/08/25 09:28	1
1,1-Dichloroethane	0.0017	U	0.0017	0.0010	mg/Kg	☼	10/06/25 10:50	10/08/25 09:28	1
1,1-Dichloroethene	0.0017	U	0.0017	0.00038	mg/Kg	☼	10/06/25 10:50	10/08/25 09:28	1
1,2,3-Trichlorobenzene	0.0017	U	0.0017	0.0012	mg/Kg	☼	10/06/25 10:50	10/08/25 09:28	1
1,2,4-Trichlorobenzene	0.0017	U	0.0017	0.00060	mg/Kg	☼	10/06/25 10:50	10/08/25 09:28	1
1,2,4-Trimethylbenzene	0.0017	U	0.0017	0.00041	mg/Kg	☼	10/06/25 10:50	10/08/25 09:28	1
1,2-Dibromo-3-Chloropropane	0.0017	U	0.0017	0.00077	mg/Kg	☼	10/06/25 10:50	10/08/25 09:28	1
1,2-Dichlorobenzene	0.0017	U	0.0017	0.00060	mg/Kg	☼	10/06/25 10:50	10/08/25 09:28	1
1,2-Dichloroethane	0.0017	U	0.0017	0.00050	mg/Kg	☼	10/06/25 10:50	10/08/25 09:28	1
1,2-Dichloropropane	0.0017	U	0.0017	0.00071	mg/Kg	☼	10/06/25 10:50	10/08/25 09:28	1
1,3,5-Trimethylbenzene	0.0017	U	0.0017	0.00053	mg/Kg	☼	10/06/25 10:50	10/08/25 09:28	1
1,3-Dichlorobenzene	0.0017	U	0.0017	0.00061	mg/Kg	☼	10/06/25 10:50	10/08/25 09:28	1
1,4-Dichlorobenzene	0.0017	U	0.0017	0.00087	mg/Kg	☼	10/06/25 10:50	10/08/25 09:28	1
2-Butanone (MEK)	0.0084	U	0.0084	0.00062	mg/Kg	☼	10/06/25 10:50	10/08/25 09:28	1
2-Hexanone	0.0084	U	0.0084	0.0029	mg/Kg	☼	10/06/25 10:50	10/08/25 09:28	1
4-Methyl-2-pentanone (MIBK)	0.0084	U	0.0084	0.0026	mg/Kg	☼	10/06/25 10:50	10/08/25 09:28	1
Acetone	**0.048**		0.010	0.0096	mg/Kg	☼	10/06/25 10:50	10/08/25 09:28	1
Benzene	0.0017	U	0.0017	0.00095	mg/Kg	☼	10/06/25 10:50	10/08/25 09:28	1
Bromoform	0.0017	U	0.0017	0.00071	mg/Kg	☼	10/06/25 10:50	10/08/25 09:28	1
Bromomethane	0.0033	U	0.0033	0.0017	mg/Kg	☼	10/06/25 10:50	10/08/25 09:28	1
Carbon disulfide	0.0017	U	0.0017	0.00045	mg/Kg	☼	10/06/25 10:50	10/08/25 09:28	1
Carbon tetrachloride	0.0017	U	0.0017	0.00065	mg/Kg	☼	10/06/25 10:50	10/08/25 09:28	1
Chlorobenzene	0.0017	U	0.0017	0.00085	mg/Kg	☼	10/06/25 10:50	10/08/25 09:28	1
Chlorobromomethane	0.0017	U	0.0017	0.0010	mg/Kg	☼	10/06/25 10:50	10/08/25 09:28	1
Chlorodibromomethane	0.0017	U	0.0017	0.00090	mg/Kg	☼	10/06/25 10:50	10/08/25 09:28	1
Chloroethane	0.0017	U	0.0017	0.00087	mg/Kg	☼	10/06/25 10:50	10/08/25 09:28	1
Chloroform	0.0017	U	0.0017	0.0016	mg/Kg	☼	10/06/25 10:50	10/08/25 09:28	1
Chloromethane	0.0017	U	0.0017	0.00073	mg/Kg	☼	10/06/25 10:50	10/08/25 09:28	1
cis-1,2-Dichloroethene	0.0017	U	0.0017	0.00060	mg/Kg	☼	10/06/25 10:50	10/08/25 09:28	1
cis-1,3-Dichloropropene	0.0017	U	0.0017	0.00046	mg/Kg	☼	10/06/25 10:50	10/08/25 09:28	1
Cyclohexane	0.0017	U	0.0017	0.00037	mg/Kg	☼	10/06/25 10:50	10/08/25 09:28	1
Dichlorobromomethane	0.0017	U	0.0017	0.00043	mg/Kg	☼	10/06/25 10:50	10/08/25 09:28	1
Dichlorodifluoromethane	0.0017	U *	0.0017	0.00057	mg/Kg	☼	10/06/25 10:50	10/08/25 09:28	1
Ethylbenzene	0.0017	U	0.0017	0.00078	mg/Kg	☼	10/06/25 10:50	10/08/25 09:28	1
Ethylene Dibromide	0.0017	U	0.0017	0.00084	mg/Kg	☼	10/06/25 10:50	10/08/25 09:28	1
Isopropylbenzene	0.0017	U	0.0017	0.00048	mg/Kg	☼	10/06/25 10:50	10/08/25 09:28	1
Methyl acetate	0.0084	U	0.0084	0.0072	mg/Kg	☼	10/06/25 10:50	10/08/25 09:28	1
Methyl tert-butyl ether	0.0017	U	0.0017	0.00086	mg/Kg	☼	10/06/25 10:50	10/08/25 09:28	1
Methylcyclohexane	0.0017	U	0.0017	0.00084	mg/Kg	☼	10/06/25 10:50	10/08/25 09:28	1
Methylene Chloride	0.0033	U	0.0033	0.0019	mg/Kg	☼	10/06/25 10:50	10/08/25 09:28	1
m-Xylene & p-Xylene	0.0017	U	0.0017	0.00071	mg/Kg	☼	10/06/25 10:50	10/08/25 09:28	1
n-Butylbenzene	0.0017	U	0.0017	0.00049	mg/Kg	☼	10/06/25 10:50	10/08/25 09:28	1
N-Propylbenzene	0.0017	U	0.0017	0.00075	mg/Kg	☼	10/06/25 10:50	10/08/25 09:28	1
o-Xylene	0.0017	U	0.0017	0.00077	mg/Kg	☼	10/06/25 10:50	10/08/25 09:28	1
sec-Butylbenzene	0.0017	U	0.0017	0.00048	mg/Kg	☼	10/06/25 10:50	10/08/25 09:28	1
Styrene	0.0017	U	0.0017	0.00047	mg/Kg	☼	10/06/25 10:50	10/08/25 09:28	1

Client Sample ID: 1F3_10-11

Lab Sample ID: 460-336467-75

Date Collected: 10/03/25 14:10
Matrix: Solid
Date Received: 10/03/25 16:15
Percent Solids: 97.9

Method: SW846 8260D - Volatile Organic Compounds by GC/MS (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
tert-Butylbenzene	0.0017	U	0.0017	0.00046	mg/Kg	☼	10/06/25 10:50	10/08/25 09:28	1
Tetrachloroethene	0.0017	U	0.0017	0.00051	mg/Kg	☼	10/06/25 10:50	10/08/25 09:28	1
Toluene	0.0017	U	0.0017	0.00039	mg/Kg	☼	10/06/25 10:50	10/08/25 09:28	1
trans-1,2-Dichloroethene	0.0017	U	0.0017	0.00041	mg/Kg	☼	10/06/25 10:50	10/08/25 09:28	1
trans-1,3-Dichloropropene	0.0017	U	0.0017	0.00045	mg/Kg	☼	10/06/25 10:50	10/08/25 09:28	1
Trichloroethene	0.0017	U	0.0017	0.00054	mg/Kg	☼	10/06/25 10:50	10/08/25 09:28	1
Trichlorofluoromethane	0.0017	U	0.0017	0.00068	mg/Kg	☼	10/06/25 10:50	10/08/25 09:28	1
Vinyl chloride	0.0017	U	0.0017	0.00091	mg/Kg	☼	10/06/25 10:50	10/08/25 09:28	1
Xylenes, Total	0.0033	U	0.0033	0.00029	mg/Kg	☼	10/06/25 10:50	10/08/25 09:28	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,2-Dichloroethane-d4 (Surr)	*109*		*65 - 138*	*10/06/25 10:50*	*10/08/25 09:28*	*1*
4-Bromofluorobenzene	*99*		*71 - 128*	*10/06/25 10:50*	*10/08/25 09:28*	*1*
Dibromofluoromethane (Surr)	*116*		*50 - 150*	*10/06/25 10:50*	*10/08/25 09:28*	*1*
Toluene-d8 (Surr)	*95*		*71 - 126*	*10/06/25 10:50*	*10/08/25 09:28*	*1*

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Percent Moisture (EPA Moisture)	**2.1**		1.0	1.0	%			10/09/25 20:18	1
Percent Solids (EPA Moisture)	**97.9**		1.0	1.0	%			10/09/25 20:18	1

Client Sample ID: 1F1_12-13

Lab Sample ID: 460-336467-76

Date Collected: 10/03/25 14:15
Matrix: Solid
Date Received: 10/03/25 16:15
Percent Solids: 98.2

Method: SW846 8260D - Volatile Organic Compounds by GC/MS

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1-Trichloroethane	0.0012	U	0.0012	0.00028	mg/Kg	☼	10/06/25 10:51	10/08/25 09:51	1
1,1,2,2-Tetrachloroethane	0.0012	U	0.0012	0.00063	mg/Kg	☼	10/06/25 10:51	10/08/25 09:51	1
1,1,2-Trichloro-1,2,2-trifluoroethane	0.0012	U	0.0012	0.00037	mg/Kg	☼	10/06/25 10:51	10/08/25 09:51	1
1,1,2-Trichloroethane	0.0012	U	0.0012	0.00073	mg/Kg	☼	10/06/25 10:51	10/08/25 09:51	1
1,1-Dichloroethane	0.0012	U	0.0012	0.00072	mg/Kg	☼	10/06/25 10:51	10/08/25 09:51	1
1,1-Dichloroethene	0.0012	U	0.0012	0.00027	mg/Kg	☼	10/06/25 10:51	10/08/25 09:51	1
1,2,3-Trichlorobenzene	0.0012	U	0.0012	0.00090	mg/Kg	☼	10/06/25 10:51	10/08/25 09:51	1
1,2,4-Trichlorobenzene	0.0012	U	0.0012	0.00043	mg/Kg	☼	10/06/25 10:51	10/08/25 09:51	1
1,2,4-Trimethylbenzene	0.0012	U	0.0012	0.00030	mg/Kg	☼	10/06/25 10:51	10/08/25 09:51	1
1,2-Dibromo-3-Chloropropane	0.0012	U	0.0012	0.00056	mg/Kg	☼	10/06/25 10:51	10/08/25 09:51	1
1,2-Dichlorobenzene	0.0012	U	0.0012	0.00044	mg/Kg	☼	10/06/25 10:51	10/08/25 09:51	1
1,2-Dichloroethane	0.0012	U	0.0012	0.00036	mg/Kg	☼	10/06/25 10:51	10/08/25 09:51	1
1,2-Dichloropropane	0.0012	U	0.0012	0.00051	mg/Kg	☼	10/06/25 10:51	10/08/25 09:51	1
1,3,5-Trimethylbenzene	0.0012	U	0.0012	0.00038	mg/Kg	☼	10/06/25 10:51	10/08/25 09:51	1
1,3-Dichlorobenzene	0.0012	U	0.0012	0.00044	mg/Kg	☼	10/06/25 10:51	10/08/25 09:51	1
1,4-Dichlorobenzene	0.0012	U	0.0012	0.00063	mg/Kg	☼	10/06/25 10:51	10/08/25 09:51	1
2-Butanone (MEK)	0.0061	U	0.0061	0.00045	mg/Kg	☼	10/06/25 10:51	10/08/25 09:51	1
2-Hexanone	0.0061	U	0.0061	0.0021	mg/Kg	☼	10/06/25 10:51	10/08/25 09:51	1
4-Methyl-2-pentanone (MIBK)	0.0061	U	0.0061	0.0019	mg/Kg	☼	10/06/25 10:51	10/08/25 09:51	1
Acetone	**0.031**		0.0073	0.0069	mg/Kg	☼	10/06/25 10:51	10/08/25 09:51	1
Benzene	0.0012	U	0.0012	0.00069	mg/Kg	☼	10/06/25 10:51	10/08/25 09:51	1
Bromoform	0.0012	U	0.0012	0.00052	mg/Kg	☼	10/06/25 10:51	10/08/25 09:51	1
Bromomethane	0.0024	U	0.0024	0.0012	mg/Kg	☼	10/06/25 10:51	10/08/25 09:51	1

Client Sample ID: 1F1_12-13
Date Collected: 10/03/25 14:15
Date Received: 10/03/25 16:15

Lab Sample ID: 460-336467-76
Matrix: Solid
Percent Solids: 98.2

Method: SW846 8260D - Volatile Organic Compounds by GC/MS (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Carbon disulfide	0.0012	U	0.0012	0.00032	mg/Kg	☼	10/06/25 10:51	10/08/25 09:51	1
Carbon tetrachloride	0.0012	U	0.0012	0.00047	mg/Kg	☼	10/06/25 10:51	10/08/25 09:51	1
Chlorobenzene	0.0012	U	0.0012	0.00062	mg/Kg	☼	10/06/25 10:51	10/08/25 09:51	1
Chlorobromomethane	0.0012	U	0.0012	0.00072	mg/Kg	☼	10/06/25 10:51	10/08/25 09:51	1
Chlorodibromomethane	0.0012	U	0.0012	0.00065	mg/Kg	☼	10/06/25 10:51	10/08/25 09:51	1
Chloroethane	0.0012	U	0.0012	0.00063	mg/Kg	☼	10/06/25 10:51	10/08/25 09:51	1
Chloroform	0.0012	U	0.0012	0.0012	mg/Kg	☼	10/06/25 10:51	10/08/25 09:51	1
Chloromethane	0.0012	U	0.0012	0.00053	mg/Kg	☼	10/06/25 10:51	10/08/25 09:51	1
cis-1,2-Dichloroethene	0.0012	U	0.0012	0.00043	mg/Kg	☼	10/06/25 10:51	10/08/25 09:51	1
cis-1,3-Dichloropropene	0.0012	U	0.0012	0.00033	mg/Kg	☼	10/06/25 10:51	10/08/25 09:51	1
Cyclohexane	0.0012	U	0.0012	0.00027	mg/Kg	☼	10/06/25 10:51	10/08/25 09:51	1
Dichlorobromomethane	0.0012	U	0.0012	0.00031	mg/Kg	☼	10/06/25 10:51	10/08/25 09:51	1
Dichlorodifluoromethane	0.0012	U *	0.0012	0.00041	mg/Kg	☼	10/06/25 10:51	10/08/25 09:51	1
Ethylbenzene	0.0012	U	0.0012	0.00057	mg/Kg	☼	10/06/25 10:51	10/08/25 09:51	1
Ethylene Dibromide	0.0012	U	0.0012	0.00061	mg/Kg	☼	10/06/25 10:51	10/08/25 09:51	1
Isopropylbenzene	0.0012	U	0.0012	0.00035	mg/Kg	☼	10/06/25 10:51	10/08/25 09:51	1
Methyl acetate	0.0061	U	0.0061	0.0052	mg/Kg	☼	10/06/25 10:51	10/08/25 09:51	1
Methyl tert-butyl ether	0.0012	U	0.0012	0.00062	mg/Kg	☼	10/06/25 10:51	10/08/25 09:51	1
Methylcyclohexane	0.0012	U	0.0012	0.00061	mg/Kg	☼	10/06/25 10:51	10/08/25 09:51	1
Methylene Chloride	**0.0018**	**J**	0.0024	0.0014	mg/Kg	☼	10/06/25 10:51	10/08/25 09:51	1
m-Xylene & p-Xylene	0.0012	U	0.0012	0.00051	mg/Kg	☼	10/06/25 10:51	10/08/25 09:51	1
n-Butylbenzene	0.0012	U	0.0012	0.00036	mg/Kg	☼	10/06/25 10:51	10/08/25 09:51	1
N-Propylbenzene	0.0012	U	0.0012	0.00055	mg/Kg	☼	10/06/25 10:51	10/08/25 09:51	1
o-Xylene	0.0012	U	0.0012	0.00056	mg/Kg	☼	10/06/25 10:51	10/08/25 09:51	1
sec-Butylbenzene	0.0012	U	0.0012	0.00035	mg/Kg	☼	10/06/25 10:51	10/08/25 09:51	1
Styrene	0.0012	U	0.0012	0.00034	mg/Kg	☼	10/06/25 10:51	10/08/25 09:51	1
tert-Butylbenzene	0.0012	U	0.0012	0.00034	mg/Kg	☼	10/06/25 10:51	10/08/25 09:51	1
Tetrachloroethene	0.0012	U	0.0012	0.00037	mg/Kg	☼	10/06/25 10:51	10/08/25 09:51	1
Toluene	0.0012	U	0.0012	0.00028	mg/Kg	☼	10/06/25 10:51	10/08/25 09:51	1
trans-1,2-Dichloroethene	0.0012	U	0.0012	0.00030	mg/Kg	☼	10/06/25 10:51	10/08/25 09:51	1
trans-1,3-Dichloropropene	0.0012	U	0.0012	0.00032	mg/Kg	☼	10/06/25 10:51	10/08/25 09:51	1
Trichloroethene	0.0012	U	0.0012	0.00039	mg/Kg	☼	10/06/25 10:51	10/08/25 09:51	1
Trichlorofluoromethane	0.0012	U	0.0012	0.00049	mg/Kg	☼	10/06/25 10:51	10/08/25 09:51	1
Vinyl chloride	0.0012	U	0.0012	0.00066	mg/Kg	☼	10/06/25 10:51	10/08/25 09:51	1
Xylenes, Total	0.0024	U	0.0024	0.00021	mg/Kg	☼	10/06/25 10:51	10/08/25 09:51	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,2-Dichloroethane-d4 (Surr)	*111*		*65 - 138*	*10/06/25 10:51*	*10/08/25 09:51*	*1*
4-Bromofluorobenzene	*100*		*71 - 128*	*10/06/25 10:51*	*10/08/25 09:51*	*1*
Dibromofluoromethane (Surr)	*116*		*50 - 150*	*10/06/25 10:51*	*10/08/25 09:51*	*1*
Toluene-d8 (Surr)	*93*		*71 - 126*	*10/06/25 10:51*	*10/08/25 09:51*	*1*

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Percent Moisture (EPA Moisture)	**1.8**		1.0	1.0	%			10/09/25 20:18	1
Percent Solids (EPA Moisture)	**98.2**		1.0	1.0	%			10/09/25 20:18	1

Client Sample ID: 1G1_1-2
Date Collected: 10/03/25 14:20
Date Received: 10/03/25 16:15

Lab Sample ID: 460-336467-77
Matrix: Solid
Percent Solids: 98.8

Method: SW846 8260D - Volatile Organic Compounds by GC/MS

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1-Trichloroethane	0.0012	U	0.0012	0.00029	mg/Kg	☼	10/06/25 10:51	10/08/25 10:14	1
1,1,2,2-Tetrachloroethane	0.0012	U	0.0012	0.00064	mg/Kg	☼	10/06/25 10:51	10/08/25 10:14	1
1,1,2-Trichloro-1,2,2-trifluoroethane	0.0012	U	0.0012	0.00037	mg/Kg	☼	10/06/25 10:51	10/08/25 10:14	1
1,1,2-Trichloroethane	0.0012	U	0.0012	0.00074	mg/Kg	☼	10/06/25 10:51	10/08/25 10:14	1
1,1-Dichloroethane	0.0012	U	0.0012	0.00073	mg/Kg	☼	10/06/25 10:51	10/08/25 10:14	1
1,1-Dichloroethene	0.0012	U	0.0012	0.00028	mg/Kg	☼	10/06/25 10:51	10/08/25 10:14	1
1,2,3-Trichlorobenzene	0.0012	U	0.0012	0.00090	mg/Kg	☼	10/06/25 10:51	10/08/25 10:14	1
1,2,4-Trichlorobenzene	0.0012	U	0.0012	0.00044	mg/Kg	☼	10/06/25 10:51	10/08/25 10:14	1
1,2,4-Trimethylbenzene	0.0012	U	0.0012	0.00030	mg/Kg	☼	10/06/25 10:51	10/08/25 10:14	1
1,2-Dibromo-3-Chloropropane	0.0012	U	0.0012	0.00056	mg/Kg	☼	10/06/25 10:51	10/08/25 10:14	1
1,2-Dichlorobenzene	0.0012	U	0.0012	0.00044	mg/Kg	☼	10/06/25 10:51	10/08/25 10:14	1
1,2-Dichloroethane	0.0012	U	0.0012	0.00036	mg/Kg	☼	10/06/25 10:51	10/08/25 10:14	1
1,2-Dichloropropane	0.0012	U	0.0012	0.00052	mg/Kg	☼	10/06/25 10:51	10/08/25 10:14	1
1,3,5-Trimethylbenzene	0.0012	U	0.0012	0.00038	mg/Kg	☼	10/06/25 10:51	10/08/25 10:14	1
1,3-Dichlorobenzene	0.0012	U	0.0012	0.00045	mg/Kg	☼	10/06/25 10:51	10/08/25 10:14	1
1,4-Dichlorobenzene	0.0012	U	0.0012	0.00064	mg/Kg	☼	10/06/25 10:51	10/08/25 10:14	1
2-Butanone (MEK)	0.0061	U	0.0061	0.00045	mg/Kg	☼	10/06/25 10:51	10/08/25 10:14	1
2-Hexanone	0.0061	U	0.0061	0.0021	mg/Kg	☼	10/06/25 10:51	10/08/25 10:14	1
4-Methyl-2-pentanone (MIBK)	0.0061	U	0.0061	0.0019	mg/Kg	☼	10/06/25 10:51	10/08/25 10:14	1
Acetone	**0.029**		0.0073	0.0070	mg/Kg	☼	10/06/25 10:51	10/08/25 10:14	1
Benzene	0.0012	U	0.0012	0.00069	mg/Kg	☼	10/06/25 10:51	10/08/25 10:14	1
Bromoform	0.0012	U	0.0012	0.00052	mg/Kg	☼	10/06/25 10:51	10/08/25 10:14	1
Bromomethane	0.0024	U	0.0024	0.0012	mg/Kg	☼	10/06/25 10:51	10/08/25 10:14	1
Carbon disulfide	0.0012	U	0.0012	0.00033	mg/Kg	☼	10/06/25 10:51	10/08/25 10:14	1
Carbon tetrachloride	0.0012	U	0.0012	0.00047	mg/Kg	☼	10/06/25 10:51	10/08/25 10:14	1
Chlorobenzene	0.0012	U	0.0012	0.00062	mg/Kg	☼	10/06/25 10:51	10/08/25 10:14	1
Chlorobromomethane	0.0012	U	0.0012	0.00073	mg/Kg	☼	10/06/25 10:51	10/08/25 10:14	1
Chlorodibromomethane	0.0012	U	0.0012	0.00066	mg/Kg	☼	10/06/25 10:51	10/08/25 10:14	1
Chloroethane	0.0012	U	0.0012	0.00064	mg/Kg	☼	10/06/25 10:51	10/08/25 10:14	1
Chloroform	0.0012	U	0.0012	0.0012	mg/Kg	☼	10/06/25 10:51	10/08/25 10:14	1
Chloromethane	0.0012	U	0.0012	0.00053	mg/Kg	☼	10/06/25 10:51	10/08/25 10:14	1
cis-1,2-Dichloroethene	0.0012	U	0.0012	0.00044	mg/Kg	☼	10/06/25 10:51	10/08/25 10:14	1
cis-1,3-Dichloropropene	0.0012	U	0.0012	0.00033	mg/Kg	☼	10/06/25 10:51	10/08/25 10:14	1
Cyclohexane	0.0012	U	0.0012	0.00027	mg/Kg	☼	10/06/25 10:51	10/08/25 10:14	1
Dichlorobromomethane	0.0012	U	0.0012	0.00031	mg/Kg	☼	10/06/25 10:51	10/08/25 10:14	1
Dichlorodifluoromethane	0.0012	U *	0.0012	0.00041	mg/Kg	☼	10/06/25 10:51	10/08/25 10:14	1
Ethylbenzene	0.0012	U	0.0012	0.00057	mg/Kg	☼	10/06/25 10:51	10/08/25 10:14	1
Ethylene Dibromide	0.0012	U	0.0012	0.00062	mg/Kg	☼	10/06/25 10:51	10/08/25 10:14	1
Isopropylbenzene	0.0012	U	0.0012	0.00035	mg/Kg	☼	10/06/25 10:51	10/08/25 10:14	1
Methyl acetate	0.0061	U	0.0061	0.0053	mg/Kg	☼	10/06/25 10:51	10/08/25 10:14	1
Methyl tert-butyl ether	0.0012	U	0.0012	0.00063	mg/Kg	☼	10/06/25 10:51	10/08/25 10:14	1
Methylcyclohexane	0.0012	U	0.0012	0.00061	mg/Kg	☼	10/06/25 10:51	10/08/25 10:14	1
Methylene Chloride	0.0024	U	0.0024	0.0014	mg/Kg	☼	10/06/25 10:51	10/08/25 10:14	1
m-Xylene & p-Xylene	0.0012	U	0.0012	0.00052	mg/Kg	☼	10/06/25 10:51	10/08/25 10:14	1
n-Butylbenzene	0.0012	U	0.0012	0.00036	mg/Kg	☼	10/06/25 10:51	10/08/25 10:14	1
N-Propylbenzene	0.0012	U	0.0012	0.00055	mg/Kg	☼	10/06/25 10:51	10/08/25 10:14	1
o-Xylene	0.0012	U	0.0012	0.00056	mg/Kg	☼	10/06/25 10:51	10/08/25 10:14	1
sec-Butylbenzene	0.0012	U	0.0012	0.00035	mg/Kg	☼	10/06/25 10:51	10/08/25 10:14	1
Styrene	0.0012	U	0.0012	0.00034	mg/Kg	☼	10/06/25 10:51	10/08/25 10:14	1

Client Sample ID: 1G1_1-2

Lab Sample ID: 460-336467-77

Date Collected: 10/03/25 14:20
Matrix: Solid
Date Received: 10/03/25 16:15
Percent Solids: 98.8

Method: SW846 8260D - Volatile Organic Compounds by GC/MS (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
tert-Butylbenzene	0.0012	U	0.0012	0.00034	mg/Kg	☼	10/06/25 10:51	10/08/25 10:14	1
Tetrachloroethene	0.0012	U	0.0012	0.00037	mg/Kg	☼	10/06/25 10:51	10/08/25 10:14	1
Toluene	0.0012	U	0.0012	0.00029	mg/Kg	☼	10/06/25 10:51	10/08/25 10:14	1
trans-1,2-Dichloroethene	0.0012	U	0.0012	0.00030	mg/Kg	☼	10/06/25 10:51	10/08/25 10:14	1
trans-1,3-Dichloropropene	0.0012	U	0.0012	0.00033	mg/Kg	☼	10/06/25 10:51	10/08/25 10:14	1
Trichloroethene	0.0012	U	0.0012	0.00039	mg/Kg	☼	10/06/25 10:51	10/08/25 10:14	1
Trichlorofluoromethane	0.0012	U	0.0012	0.00050	mg/Kg	☼	10/06/25 10:51	10/08/25 10:14	1
Vinyl chloride	0.0012	U	0.0012	0.00067	mg/Kg	☼	10/06/25 10:51	10/08/25 10:14	1
Xylenes, Total	0.0024	U	0.0024	0.00021	mg/Kg	☼	10/06/25 10:51	10/08/25 10:14	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,2-Dichloroethane-d4 (Surr)	*116*		*65 - 138*	*10/06/25 10:51*	*10/08/25 10:14*	*1*
4-Bromofluorobenzene	*100*		*71 - 128*	*10/06/25 10:51*	*10/08/25 10:14*	*1*
Dibromofluoromethane (Surr)	*120*		*50 - 150*	*10/06/25 10:51*	*10/08/25 10:14*	*1*
Toluene-d8 (Surr)	*94*		*71 - 126*	*10/06/25 10:51*	*10/08/25 10:14*	*1*

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Percent Moisture (EPA Moisture)	**1.2**		1.0	1.0	%			10/09/25 20:18	1
Percent Solids (EPA Moisture)	**98.8**		1.0	1.0	%			10/09/25 20:18	1

Client Sample ID: 1G2_2-3

Lab Sample ID: 460-336467-78

Date Collected: 10/03/25 14:25
Matrix: Solid
Date Received: 10/03/25 16:15
Percent Solids: 99.5

Method: SW846 8260D - Volatile Organic Compounds by GC/MS

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1-Trichloroethane	0.0011	U	0.0011	0.00026	mg/Kg	☼	10/06/25 10:52	10/08/25 10:37	1
1,1,2,2-Tetrachloroethane	0.0011	U	0.0011	0.00059	mg/Kg	☼	10/06/25 10:52	10/08/25 10:37	1
1,1,2-Trichloro-1,2,2-trifluoroethane	0.0011	U	0.0011	0.00034	mg/Kg	☼	10/06/25 10:52	10/08/25 10:37	1
1,1,2-Trichloroethane	0.0011	U	0.0011	0.00068	mg/Kg	☼	10/06/25 10:52	10/08/25 10:37	1
1,1-Dichloroethane	0.0011	U	0.0011	0.00068	mg/Kg	☼	10/06/25 10:52	10/08/25 10:37	1
1,1-Dichloroethene	0.0011	U	0.0011	0.00026	mg/Kg	☼	10/06/25 10:52	10/08/25 10:37	1
1,2,3-Trichlorobenzene	0.0011	U	0.0011	0.00084	mg/Kg	☼	10/06/25 10:52	10/08/25 10:37	1
1,2,4-Trichlorobenzene	0.0011	U	0.0011	0.00041	mg/Kg	☼	10/06/25 10:52	10/08/25 10:37	1
1,2,4-Trimethylbenzene	0.0011	U	0.0011	0.00028	mg/Kg	☼	10/06/25 10:52	10/08/25 10:37	1
1,2-Dibromo-3-Chloropropane	0.0011	U	0.0011	0.00052	mg/Kg	☼	10/06/25 10:52	10/08/25 10:37	1
1,2-Dichlorobenzene	0.0011	U	0.0011	0.00041	mg/Kg	☼	10/06/25 10:52	10/08/25 10:37	1
1,2-Dichloroethane	0.0011	U	0.0011	0.00034	mg/Kg	☼	10/06/25 10:52	10/08/25 10:37	1
1,2-Dichloropropane	0.0011	U	0.0011	0.00048	mg/Kg	☼	10/06/25 10:52	10/08/25 10:37	1
1,3,5-Trimethylbenzene	0.0011	U	0.0011	0.00036	mg/Kg	☼	10/06/25 10:52	10/08/25 10:37	1
1,3-Dichlorobenzene	0.0011	U	0.0011	0.00041	mg/Kg	☼	10/06/25 10:52	10/08/25 10:37	1
1,4-Dichlorobenzene	0.0011	U	0.0011	0.00059	mg/Kg	☼	10/06/25 10:52	10/08/25 10:37	1
2-Butanone (MEK)	0.0057	U	0.0057	0.00042	mg/Kg	☼	10/06/25 10:52	10/08/25 10:37	1
2-Hexanone	0.0057	U	0.0057	0.0019	mg/Kg	☼	10/06/25 10:52	10/08/25 10:37	1
4-Methyl-2-pentanone (MIBK)	0.0057	U	0.0057	0.0018	mg/Kg	☼	10/06/25 10:52	10/08/25 10:37	1
Acetone	**0.17**		0.0068	0.0065	mg/Kg	☼	10/06/25 10:52	10/08/25 10:37	1
Benzene	0.0011	U	0.0011	0.00064	mg/Kg	☼	10/06/25 10:52	10/08/25 10:37	1
Bromoform	0.0011	U	0.0011	0.00048	mg/Kg	☼	10/06/25 10:52	10/08/25 10:37	1
Bromomethane	0.0023	U	0.0023	0.0011	mg/Kg	☼	10/06/25 10:52	10/08/25 10:37	1

Client Sample ID: 1G2_2-3
Date Collected: 10/03/25 14:25
Date Received: 10/03/25 16:15

Lab Sample ID: 460-336467-78
Matrix: Solid
Percent Solids: 99.5

Method: SW846 8260D - Volatile Organic Compounds by GC/MS (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Carbon disulfide	0.0011	U	0.0011	0.00030	mg/Kg	☼	10/06/25 10:52	10/08/25 10:37	1
Carbon tetrachloride	0.0011	U	0.0011	0.00044	mg/Kg	☼	10/06/25 10:52	10/08/25 10:37	1
Chlorobenzene	0.0011	U	0.0011	0.00058	mg/Kg	☼	10/06/25 10:52	10/08/25 10:37	1
Chlorobromomethane	0.0011	U	0.0011	0.00068	mg/Kg	☼	10/06/25 10:52	10/08/25 10:37	1
Chlorodibromomethane	0.0011	U	0.0011	0.00061	mg/Kg	☼	10/06/25 10:52	10/08/25 10:37	1
Chloroethane	0.0011	U	0.0011	0.00059	mg/Kg	☼	10/06/25 10:52	10/08/25 10:37	1
Chloroform	0.0011	U	0.0011	0.0011	mg/Kg	☼	10/06/25 10:52	10/08/25 10:37	1
Chloromethane	0.0011	U	0.0011	0.00049	mg/Kg	☼	10/06/25 10:52	10/08/25 10:37	1
cis-1,2-Dichloroethene	0.0011	U	0.0011	0.00041	mg/Kg	☼	10/06/25 10:52	10/08/25 10:37	1
cis-1,3-Dichloropropene	0.0011	U	0.0011	0.00031	mg/Kg	☼	10/06/25 10:52	10/08/25 10:37	1
Cyclohexane	0.0011	U	0.0011	0.00025	mg/Kg	☼	10/06/25 10:52	10/08/25 10:37	1
Dichlorobromomethane	0.0011	U	0.0011	0.00029	mg/Kg	☼	10/06/25 10:52	10/08/25 10:37	1
Dichlorodifluoromethane	0.0011	U *	0.0011	0.00038	mg/Kg	☼	10/06/25 10:52	10/08/25 10:37	1
Ethylbenzene	0.0011	U	0.0011	0.00053	mg/Kg	☼	10/06/25 10:52	10/08/25 10:37	1
Ethylene Dibromide	0.0011	U	0.0011	0.00057	mg/Kg	☼	10/06/25 10:52	10/08/25 10:37	1
Isopropylbenzene	0.0011	U	0.0011	0.00032	mg/Kg	☼	10/06/25 10:52	10/08/25 10:37	1
Methyl acetate	0.0057	U	0.0057	0.0049	mg/Kg	☼	10/06/25 10:52	10/08/25 10:37	1
Methyl tert-butyl ether	0.0011	U	0.0011	0.00058	mg/Kg	☼	10/06/25 10:52	10/08/25 10:37	1
Methylcyclohexane	0.0011	U	0.0011	0.00057	mg/Kg	☼	10/06/25 10:52	10/08/25 10:37	1
Methylene Chloride	0.0023	U	0.0023	0.0013	mg/Kg	☼	10/06/25 10:52	10/08/25 10:37	1
m-Xylene & p-Xylene	0.0011	U	0.0011	0.00048	mg/Kg	☼	10/06/25 10:52	10/08/25 10:37	1
n-Butylbenzene	0.0011	U	0.0011	0.00033	mg/Kg	☼	10/06/25 10:52	10/08/25 10:37	1
N-Propylbenzene	0.0011	U	0.0011	0.00051	mg/Kg	☼	10/06/25 10:52	10/08/25 10:37	1
o-Xylene	0.0011	U	0.0011	0.00052	mg/Kg	☼	10/06/25 10:52	10/08/25 10:37	1
sec-Butylbenzene	0.0011	U	0.0011	0.00033	mg/Kg	☼	10/06/25 10:52	10/08/25 10:37	1
Styrene	0.0011	U	0.0011	0.00032	mg/Kg	☼	10/06/25 10:52	10/08/25 10:37	1
tert-Butylbenzene	0.0011	U	0.0011	0.00031	mg/Kg	☼	10/06/25 10:52	10/08/25 10:37	1
Tetrachloroethene	0.0011	U	0.0011	0.00035	mg/Kg	☼	10/06/25 10:52	10/08/25 10:37	1
Toluene	0.0011	U	0.0011	0.00027	mg/Kg	☼	10/06/25 10:52	10/08/25 10:37	1
trans-1,2-Dichloroethene	0.0011	U	0.0011	0.00028	mg/Kg	☼	10/06/25 10:52	10/08/25 10:37	1
trans-1,3-Dichloropropene	0.0011	U	0.0011	0.00030	mg/Kg	☼	10/06/25 10:52	10/08/25 10:37	1
Trichloroethene	0.0011	U	0.0011	0.00036	mg/Kg	☼	10/06/25 10:52	10/08/25 10:37	1
Trichlorofluoromethane	0.0011	U	0.0011	0.00046	mg/Kg	☼	10/06/25 10:52	10/08/25 10:37	1
Vinyl chloride	0.0011	U	0.0011	0.00062	mg/Kg	☼	10/06/25 10:52	10/08/25 10:37	1
Xylenes, Total	0.0023	U	0.0023	0.00020	mg/Kg	☼	10/06/25 10:52	10/08/25 10:37	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,2-Dichloroethane-d4 (Surr)	*110*		*65 - 138*	*10/06/25 10:52*	*10/08/25 10:37*	*1*
4-Bromofluorobenzene	*101*		*71 - 128*	*10/06/25 10:52*	*10/08/25 10:37*	*1*
Dibromofluoromethane (Surr)	*117*		*50 - 150*	*10/06/25 10:52*	*10/08/25 10:37*	*1*
Toluene-d8 (Surr)	*95*		*71 - 126*	*10/06/25 10:52*	*10/08/25 10:37*	*1*

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Percent Moisture (EPA Moisture)	1.0	U	1.0	1.0	%			10/09/25 20:18	1
Percent Solids (EPA Moisture)	**99.5**		1.0	1.0	%			10/09/25 20:18	1

Client: Haley & Aldrich, Inc.
Project/Site: Former Port Mobil

Job ID: 460-336467-1

Client Sample ID: 1G3_4-5
Date Collected: 10/03/25 14:30
Date Received: 10/03/25 16:15

Lab Sample ID: 460-336467-79
Matrix: Solid
Percent Solids: 98.9

Method: SW846 8260D - Volatile Organic Compounds by GC/MS

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1-Trichloroethane	0.00091	U	0.00091	0.00021	mg/Kg	☼	10/06/25 10:52	10/08/25 11:00	1
1,1,2,2-Tetrachloroethane	0.00091	U	0.00091	0.00047	mg/Kg	☼	10/06/25 10:52	10/08/25 11:00	1
1,1,2-Trichloro-1,2,2-trifluoroethane	0.00091	U	0.00091	0.00027	mg/Kg	☼	10/06/25 10:52	10/08/25 11:00	1
1,1,2-Trichloroethane	0.00091	U	0.00091	0.00055	mg/Kg	☼	10/06/25 10:52	10/08/25 11:00	1
1,1-Dichloroethane	0.00091	U	0.00091	0.00054	mg/Kg	☼	10/06/25 10:52	10/08/25 11:00	1
1,1-Dichloroethene	0.00091	U	0.00091	0.00020	mg/Kg	☼	10/06/25 10:52	10/08/25 11:00	1
1,2,3-Trichlorobenzene	0.00091	U	0.00091	0.00067	mg/Kg	☼	10/06/25 10:52	10/08/25 11:00	1
1,2,4-Trichlorobenzene	0.00091	U	0.00091	0.00033	mg/Kg	☼	10/06/25 10:52	10/08/25 11:00	1
1,2,4-Trimethylbenzene	0.00091	U	0.00091	0.00022	mg/Kg	☼	10/06/25 10:52	10/08/25 11:00	1
1,2-Dibromo-3-Chloropropane	0.00091	U	0.00091	0.00042	mg/Kg	☼	10/06/25 10:52	10/08/25 11:00	1
1,2-Dichlorobenzene	0.00091	U	0.00091	0.00033	mg/Kg	☼	10/06/25 10:52	10/08/25 11:00	1
1,2-Dichloroethane	0.00091	U	0.00091	0.00027	mg/Kg	☼	10/06/25 10:52	10/08/25 11:00	1
1,2-Dichloropropane	0.00091	U	0.00091	0.00038	mg/Kg	☼	10/06/25 10:52	10/08/25 11:00	1
1,3,5-Trimethylbenzene	0.00091	U	0.00091	0.00029	mg/Kg	☼	10/06/25 10:52	10/08/25 11:00	1
1,3-Dichlorobenzene	0.00091	U	0.00091	0.00033	mg/Kg	☼	10/06/25 10:52	10/08/25 11:00	1
1,4-Dichlorobenzene	0.00091	U	0.00091	0.00047	mg/Kg	☼	10/06/25 10:52	10/08/25 11:00	1
2-Butanone (MEK)	0.0045	U	0.0045	0.00033	mg/Kg	☼	10/06/25 10:52	10/08/25 11:00	1
2-Hexanone	0.0045	U	0.0045	0.0016	mg/Kg	☼	10/06/25 10:52	10/08/25 11:00	1
4-Methyl-2-pentanone (MIBK)	0.0045	U	0.0045	0.0014	mg/Kg	☼	10/06/25 10:52	10/08/25 11:00	1
Acetone	**0.082**		0.0055	0.0052	mg/Kg	☼	10/06/25 10:52	10/08/25 11:00	1
Benzene	0.00091	U	0.00091	0.00052	mg/Kg	☼	10/06/25 10:52	10/08/25 11:00	1
Bromoform	0.00091	U	0.00091	0.00039	mg/Kg	☼	10/06/25 10:52	10/08/25 11:00	1
Bromomethane	0.0018	U	0.0018	0.00091	mg/Kg	☼	10/06/25 10:52	10/08/25 11:00	1
Carbon disulfide	0.00091	U	0.00091	0.00024	mg/Kg	☼	10/06/25 10:52	10/08/25 11:00	1
Carbon tetrachloride	0.00091	U	0.00091	0.00035	mg/Kg	☼	10/06/25 10:52	10/08/25 11:00	1
Chlorobenzene	0.00091	U	0.00091	0.00046	mg/Kg	☼	10/06/25 10:52	10/08/25 11:00	1
Chlorobromomethane	0.00091	U	0.00091	0.00054	mg/Kg	☼	10/06/25 10:52	10/08/25 11:00	1
Chlorodibromomethane	0.00091	U	0.00091	0.00049	mg/Kg	☼	10/06/25 10:52	10/08/25 11:00	1
Chloroethane	0.00091	U	0.00091	0.00047	mg/Kg	☼	10/06/25 10:52	10/08/25 11:00	1
Chloroform	0.00091	U	0.00091	0.00088	mg/Kg	☼	10/06/25 10:52	10/08/25 11:00	1
Chloromethane	0.00091	U	0.00091	0.00040	mg/Kg	☼	10/06/25 10:52	10/08/25 11:00	1
cis-1,2-Dichloroethene	0.00091	U	0.00091	0.00033	mg/Kg	☼	10/06/25 10:52	10/08/25 11:00	1
cis-1,3-Dichloropropene	0.00091	U	0.00091	0.00025	mg/Kg	☼	10/06/25 10:52	10/08/25 11:00	1
Cyclohexane	0.00091	U	0.00091	0.00020	mg/Kg	☼	10/06/25 10:52	10/08/25 11:00	1
Dichlorobromomethane	0.00091	U	0.00091	0.00023	mg/Kg	☼	10/06/25 10:52	10/08/25 11:00	1
Dichlorodifluoromethane	0.00091	U *	0.00091	0.00031	mg/Kg	☼	10/06/25 10:52	10/08/25 11:00	1
Ethylbenzene	0.00091	U	0.00091	0.00043	mg/Kg	☼	10/06/25 10:52	10/08/25 11:00	1
Ethylene Dibromide	0.00091	U	0.00091	0.00046	mg/Kg	☼	10/06/25 10:52	10/08/25 11:00	1
Isopropylbenzene	0.00091	U	0.00091	0.00026	mg/Kg	☼	10/06/25 10:52	10/08/25 11:00	1
Methyl acetate	0.0045	U	0.0045	0.0039	mg/Kg	☼	10/06/25 10:52	10/08/25 11:00	1
Methyl tert-butyl ether	0.00091	U	0.00091	0.00047	mg/Kg	☼	10/06/25 10:52	10/08/25 11:00	1
Methylcyclohexane	0.00091	U	0.00091	0.00045	mg/Kg	☼	10/06/25 10:52	10/08/25 11:00	1
Methylene Chloride	0.0018	U	0.0018	0.0010	mg/Kg	☼	10/06/25 10:52	10/08/25 11:00	1
m-Xylene & p-Xylene	0.00091	U	0.00091	0.00038	mg/Kg	☼	10/06/25 10:52	10/08/25 11:00	1
n-Butylbenzene	0.00091	U	0.00091	0.00027	mg/Kg	☼	10/06/25 10:52	10/08/25 11:00	1
N-Propylbenzene	0.00091	U	0.00091	0.00041	mg/Kg	☼	10/06/25 10:52	10/08/25 11:00	1
o-Xylene	0.00091	U	0.00091	0.00042	mg/Kg	☼	10/06/25 10:52	10/08/25 11:00	1
sec-Butylbenzene	0.00091	U	0.00091	0.00026	mg/Kg	☼	10/06/25 10:52	10/08/25 11:00	1
Styrene	0.00091	U	0.00091	0.00025	mg/Kg	☼	10/06/25 10:52	10/08/25 11:00	1

Client Sample ID: 1G3_4-5

Lab Sample ID: 460-336467-79

Date Collected: 10/03/25 14:30
Matrix: Solid
Date Received: 10/03/25 16:15
Percent Solids: 98.9

Method: SW846 8260D - Volatile Organic Compounds by GC/MS (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
tert-Butylbenzene	0.00091	U	0.00091	0.00025	mg/Kg	☼	10/06/25 10:52	10/08/25 11:00	1
Tetrachloroethene	0.00091	U	0.00091	0.00028	mg/Kg	☼	10/06/25 10:52	10/08/25 11:00	1
Toluene	0.00091	U	0.00091	0.00021	mg/Kg	☼	10/06/25 10:52	10/08/25 11:00	1
trans-1,2-Dichloroethene	0.00091	U	0.00091	0.00022	mg/Kg	☼	10/06/25 10:52	10/08/25 11:00	1
trans-1,3-Dichloropropene	0.00091	U	0.00091	0.00024	mg/Kg	☼	10/06/25 10:52	10/08/25 11:00	1
Trichloroethene	0.00091	U	0.00091	0.00029	mg/Kg	☼	10/06/25 10:52	10/08/25 11:00	1
Trichlorofluoromethane	0.00091	U	0.00091	0.00037	mg/Kg	☼	10/06/25 10:52	10/08/25 11:00	1
Vinyl chloride	0.00091	U	0.00091	0.00050	mg/Kg	☼	10/06/25 10:52	10/08/25 11:00	1
Xylenes, Total	0.0018	U	0.0018	0.00016	mg/Kg	☼	10/06/25 10:52	10/08/25 11:00	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,2-Dichloroethane-d4 (Surr)	*113*		*65 - 138*	*10/06/25 10:52*	*10/08/25 11:00*	*1*
4-Bromofluorobenzene	*99*		*71 - 128*	*10/06/25 10:52*	*10/08/25 11:00*	*1*
Dibromofluoromethane (Surr)	*120*		*50 - 150*	*10/06/25 10:52*	*10/08/25 11:00*	*1*
Toluene-d8 (Surr)	*95*		*71 - 126*	*10/06/25 10:52*	*10/08/25 11:00*	*1*

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Percent Moisture (EPA Moisture)	**1.1**		1.0	1.0	%			10/09/25 20:18	1
Percent Solids (EPA Moisture)	**98.9**		1.0	1.0	%			10/09/25 20:18	1

Client Sample ID: 1G1_5-6

Lab Sample ID: 460-336467-80

Date Collected: 10/03/25 14:35
Matrix: Solid
Date Received: 10/03/25 16:15
Percent Solids: 99.5

Method: SW846 8260D - Volatile Organic Compounds by GC/MS

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1-Trichloroethane	0.0014	U	0.0014	0.00033	mg/Kg	☼	10/06/25 10:53	10/08/25 11:23	1
1,1,2,2-Tetrachloroethane	0.0014	U	0.0014	0.00074	mg/Kg	☼	10/06/25 10:53	10/08/25 11:23	1
1,1,2-Trichloro-1,2,2-trifluoroethane	0.0014	U	0.0014	0.00043	mg/Kg	☼	10/06/25 10:53	10/08/25 11:23	1
1,1,2-Trichloroethane	0.0014	U	0.0014	0.00085	mg/Kg	☼	10/06/25 10:53	10/08/25 11:23	1
1,1-Dichloroethane	0.0014	U	0.0014	0.00085	mg/Kg	☼	10/06/25 10:53	10/08/25 11:23	1
1,1-Dichloroethene	0.0014	U	0.0014	0.00032	mg/Kg	☼	10/06/25 10:53	10/08/25 11:23	1
1,2,3-Trichlorobenzene	0.0014	U	0.0014	0.0010	mg/Kg	☼	10/06/25 10:53	10/08/25 11:23	1
1,2,4-Trichlorobenzene	0.0014	U	0.0014	0.00051	mg/Kg	☼	10/06/25 10:53	10/08/25 11:23	1
1,2,4-Trimethylbenzene	0.0014	U	0.0014	0.00035	mg/Kg	☼	10/06/25 10:53	10/08/25 11:23	1
1,2-Dibromo-3-Chloropropane	0.0014	U	0.0014	0.00065	mg/Kg	☼	10/06/25 10:53	10/08/25 11:23	1
1,2-Dichlorobenzene	0.0014	U	0.0014	0.00051	mg/Kg	☼	10/06/25 10:53	10/08/25 11:23	1
1,2-Dichloroethane	0.0014	U	0.0014	0.00042	mg/Kg	☼	10/06/25 10:53	10/08/25 11:23	1
1,2-Dichloropropane	0.0014	U	0.0014	0.00060	mg/Kg	☼	10/06/25 10:53	10/08/25 11:23	1
1,3,5-Trimethylbenzene	0.0014	U	0.0014	0.00045	mg/Kg	☼	10/06/25 10:53	10/08/25 11:23	1
1,3-Dichlorobenzene	0.0014	U	0.0014	0.00052	mg/Kg	☼	10/06/25 10:53	10/08/25 11:23	1
1,4-Dichlorobenzene	0.0014	U	0.0014	0.00074	mg/Kg	☼	10/06/25 10:53	10/08/25 11:23	1
2-Butanone (MEK)	0.0071	U	0.0071	0.00052	mg/Kg	☼	10/06/25 10:53	10/08/25 11:23	1
2-Hexanone	0.0071	U	0.0071	0.0024	mg/Kg	☼	10/06/25 10:53	10/08/25 11:23	1
4-Methyl-2-pentanone (MIBK)	0.0071	U	0.0071	0.0022	mg/Kg	☼	10/06/25 10:53	10/08/25 11:23	1
Acetone	**0.10**		0.0085	0.0081	mg/Kg	☼	10/06/25 10:53	10/08/25 11:23	1
Benzene	0.0014	U	0.0014	0.00080	mg/Kg	☼	10/06/25 10:53	10/08/25 11:23	1
Bromoform	0.0014	U	0.0014	0.00060	mg/Kg	☼	10/06/25 10:53	10/08/25 11:23	1
Bromomethane	0.0028	U	0.0028	0.0014	mg/Kg	☼	10/06/25 10:53	10/08/25 11:23	1

Client Sample ID: 1G1_5-6
Date Collected: 10/03/25 14:35
Date Received: 10/03/25 16:15

Lab Sample ID: 460-336467-80
Matrix: Solid
Percent Solids: 99.5

Method: SW846 8260D - Volatile Organic Compounds by GC/MS (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Carbon disulfide	0.0014	U	0.0014	0.00038	mg/Kg	☼	10/06/25 10:53	10/08/25 11:23	1
Carbon tetrachloride	0.0014	U	0.0014	0.00055	mg/Kg	☼	10/06/25 10:53	10/08/25 11:23	1
Chlorobenzene	0.0014	U	0.0014	0.00072	mg/Kg	☼	10/06/25 10:53	10/08/25 11:23	1
Chlorobromomethane	0.0014	U	0.0014	0.00084	mg/Kg	☼	10/06/25 10:53	10/08/25 11:23	1
Chlorodibromomethane	0.0014	U	0.0014	0.00076	mg/Kg	☼	10/06/25 10:53	10/08/25 11:23	1
Chloroethane	0.0014	U	0.0014	0.00074	mg/Kg	☼	10/06/25 10:53	10/08/25 11:23	1
Chloroform	0.0014	U	0.0014	0.0014	mg/Kg	☼	10/06/25 10:53	10/08/25 11:23	1
Chloromethane	0.0014	U	0.0014	0.00062	mg/Kg	☼	10/06/25 10:53	10/08/25 11:23	1
cis-1,2-Dichloroethene	0.0014	U	0.0014	0.00051	mg/Kg	☼	10/06/25 10:53	10/08/25 11:23	1
cis-1,3-Dichloropropene	0.0014	U	0.0014	0.00039	mg/Kg	☼	10/06/25 10:53	10/08/25 11:23	1
Cyclohexane	0.0014	U	0.0014	0.00031	mg/Kg	☼	10/06/25 10:53	10/08/25 11:23	1
Dichlorobromomethane	0.0014	U	0.0014	0.00036	mg/Kg	☼	10/06/25 10:53	10/08/25 11:23	1
Dichlorodifluoromethane	0.0014	U *	0.0014	0.00048	mg/Kg	☼	10/06/25 10:53	10/08/25 11:23	1
Ethylbenzene	0.0014	U	0.0014	0.00066	mg/Kg	☼	10/06/25 10:53	10/08/25 11:23	1
Ethylene Dibromide	0.0014	U	0.0014	0.00071	mg/Kg	☼	10/06/25 10:53	10/08/25 11:23	1
Isopropylbenzene	0.0014	U	0.0014	0.00040	mg/Kg	☼	10/06/25 10:53	10/08/25 11:23	1
Methyl acetate	0.0071	U	0.0071	0.0061	mg/Kg	☼	10/06/25 10:53	10/08/25 11:23	1
Methyl tert-butyl ether	0.0014	U	0.0014	0.00073	mg/Kg	☼	10/06/25 10:53	10/08/25 11:23	1
Methylcyclohexane	0.0014	U	0.0014	0.00071	mg/Kg	☼	10/06/25 10:53	10/08/25 11:23	1
Methylene Chloride	0.0028	U	0.0028	0.0016	mg/Kg	☼	10/06/25 10:53	10/08/25 11:23	1
m-Xylene & p-Xylene	0.0014	U	0.0014	0.00060	mg/Kg	☼	10/06/25 10:53	10/08/25 11:23	1
n-Butylbenzene	0.0014	U	0.0014	0.00042	mg/Kg	☼	10/06/25 10:53	10/08/25 11:23	1
N-Propylbenzene	0.0014	U	0.0014	0.00064	mg/Kg	☼	10/06/25 10:53	10/08/25 11:23	1
o-Xylene	0.0014	U	0.0014	0.00065	mg/Kg	☼	10/06/25 10:53	10/08/25 11:23	1
sec-Butylbenzene	0.0014	U	0.0014	0.00041	mg/Kg	☼	10/06/25 10:53	10/08/25 11:23	1
Styrene	0.0014	U	0.0014	0.00039	mg/Kg	☼	10/06/25 10:53	10/08/25 11:23	1
tert-Butylbenzene	0.0014	U	0.0014	0.00039	mg/Kg	☼	10/06/25 10:53	10/08/25 11:23	1
Tetrachloroethene	0.0014	U	0.0014	0.00043	mg/Kg	☼	10/06/25 10:53	10/08/25 11:23	1
Toluene	0.0014	U	0.0014	0.00033	mg/Kg	☼	10/06/25 10:53	10/08/25 11:23	1
trans-1,2-Dichloroethene	0.0014	U	0.0014	0.00035	mg/Kg	☼	10/06/25 10:53	10/08/25 11:23	1
trans-1,3-Dichloropropene	0.0014	U	0.0014	0.00038	mg/Kg	☼	10/06/25 10:53	10/08/25 11:23	1
Trichloroethene	0.0014	U	0.0014	0.00046	mg/Kg	☼	10/06/25 10:53	10/08/25 11:23	1
Trichlorofluoromethane	0.0014	U	0.0014	0.00058	mg/Kg	☼	10/06/25 10:53	10/08/25 11:23	1
Vinyl chloride	0.0014	U	0.0014	0.00077	mg/Kg	☼	10/06/25 10:53	10/08/25 11:23	1
Xylenes, Total	0.0028	U	0.0028	0.00025	mg/Kg	☼	10/06/25 10:53	10/08/25 11:23	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,2-Dichloroethane-d4 (Surr)	*113*		*65 - 138*	*10/06/25 10:53*	*10/08/25 11:23*	*1*
4-Bromofluorobenzene	*101*		*71 - 128*	*10/06/25 10:53*	*10/08/25 11:23*	*1*
Dibromofluoromethane (Surr)	*121*		*50 - 150*	*10/06/25 10:53*	*10/08/25 11:23*	*1*
Toluene-d8 (Surr)	*95*		*71 - 126*	*10/06/25 10:53*	*10/08/25 11:23*	*1*

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Percent Moisture (EPA Moisture)	1.0	U	1.0	1.0	%			10/09/25 20:18	1
Percent Solids (EPA Moisture)	**99.5**		1.0	1.0	%			10/09/25 20:18	1

Client: Haley & Aldrich, Inc.
Project/Site: Former Port Mobil

Job ID: 460-336467-1

Client Sample ID: 1G2_8-9
Date Collected: 10/03/25 14:40
Date Received: 10/03/25 16:15

Lab Sample ID: 460-336467-81
Matrix: Solid
Percent Solids: 99.3

Method: SW846 8260D - Volatile Organic Compounds by GC/MS

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1-Trichloroethane	0.0011	U	0.0011	0.00025	mg/Kg	☼	10/06/25 10:53	10/08/25 11:46	1
1,1,2,2-Tetrachloroethane	0.0011	U	0.0011	0.00055	mg/Kg	☼	10/06/25 10:53	10/08/25 11:46	1
1,1,2-Trichloro-1,2,2-trifluoroethane	0.0011	U	0.0011	0.00032	mg/Kg	☼	10/06/25 10:53	10/08/25 11:46	1
1,1,2-Trichloroethane	0.0011	U	0.0011	0.00063	mg/Kg	☼	10/06/25 10:53	10/08/25 11:46	1
1,1-Dichloroethane	0.0011	U	0.0011	0.00063	mg/Kg	☼	10/06/25 10:53	10/08/25 11:46	1
1,1-Dichloroethene	0.0011	U	0.0011	0.00024	mg/Kg	☼	10/06/25 10:53	10/08/25 11:46	1
1,2,3-Trichlorobenzene	0.0011	U	0.0011	0.00078	mg/Kg	☼	10/06/25 10:53	10/08/25 11:46	1
1,2,4-Trichlorobenzene	0.0011	U	0.0011	0.00038	mg/Kg	☼	10/06/25 10:53	10/08/25 11:46	1
1,2,4-Trimethylbenzene	0.0011	U	0.0011	0.00026	mg/Kg	☼	10/06/25 10:53	10/08/25 11:46	1
1,2-Dibromo-3-Chloropropane	0.0011	U	0.0011	0.00048	mg/Kg	☼	10/06/25 10:53	10/08/25 11:46	1
1,2-Dichlorobenzene	0.0011	U	0.0011	0.00038	mg/Kg	☼	10/06/25 10:53	10/08/25 11:46	1
1,2-Dichloroethane	0.0011	U	0.0011	0.00031	mg/Kg	☼	10/06/25 10:53	10/08/25 11:46	1
1,2-Dichloropropane	0.0011	U	0.0011	0.00045	mg/Kg	☼	10/06/25 10:53	10/08/25 11:46	1
1,3,5-Trimethylbenzene	0.0011	U	0.0011	0.00033	mg/Kg	☼	10/06/25 10:53	10/08/25 11:46	1
1,3-Dichlorobenzene	0.0011	U	0.0011	0.00038	mg/Kg	☼	10/06/25 10:53	10/08/25 11:46	1
1,4-Dichlorobenzene	0.0011	U	0.0011	0.00055	mg/Kg	☼	10/06/25 10:53	10/08/25 11:46	1
2-Butanone (MEK)	0.0053	U	0.0053	0.00039	mg/Kg	☼	10/06/25 10:53	10/08/25 11:46	1
2-Hexanone	0.0053	U	0.0053	0.0018	mg/Kg	☼	10/06/25 10:53	10/08/25 11:46	1
4-Methyl-2-pentanone (MIBK)	0.0053	U	0.0053	0.0016	mg/Kg	☼	10/06/25 10:53	10/08/25 11:46	1
Acetone	**0.14**		0.0063	0.0060	mg/Kg	☼	10/06/25 10:53	10/08/25 11:46	1
Benzene	0.0011	U	0.0011	0.00060	mg/Kg	☼	10/06/25 10:53	10/08/25 11:46	1
Bromoform	0.0011	U	0.0011	0.00045	mg/Kg	☼	10/06/25 10:53	10/08/25 11:46	1
Bromomethane	0.0021	U	0.0021	0.0011	mg/Kg	☼	10/06/25 10:53	10/08/25 11:46	1
Carbon disulfide	0.0011	U	0.0011	0.00028	mg/Kg	☼	10/06/25 10:53	10/08/25 11:46	1
Carbon tetrachloride	0.0011	U	0.0011	0.00041	mg/Kg	☼	10/06/25 10:53	10/08/25 11:46	1
Chlorobenzene	0.0011	U	0.0011	0.00053	mg/Kg	☼	10/06/25 10:53	10/08/25 11:46	1
Chlorobromomethane	0.0011	U	0.0011	0.00063	mg/Kg	☼	10/06/25 10:53	10/08/25 11:46	1
Chlorodibromomethane	0.0011	U	0.0011	0.00057	mg/Kg	☼	10/06/25 10:53	10/08/25 11:46	1
Chloroethane	0.0011	U	0.0011	0.00055	mg/Kg	☼	10/06/25 10:53	10/08/25 11:46	1
Chloroform	0.0011	U	0.0011	0.0010	mg/Kg	☼	10/06/25 10:53	10/08/25 11:46	1
Chloromethane	0.0011	U	0.0011	0.00046	mg/Kg	☼	10/06/25 10:53	10/08/25 11:46	1
cis-1,2-Dichloroethene	0.0011	U	0.0011	0.00038	mg/Kg	☼	10/06/25 10:53	10/08/25 11:46	1
cis-1,3-Dichloropropene	0.0011	U	0.0011	0.00029	mg/Kg	☼	10/06/25 10:53	10/08/25 11:46	1
Cyclohexane	0.0011	U	0.0011	0.00023	mg/Kg	☼	10/06/25 10:53	10/08/25 11:46	1
Dichlorobromomethane	0.0011	U	0.0011	0.00027	mg/Kg	☼	10/06/25 10:53	10/08/25 11:46	1
Dichlorodifluoromethane	0.0011	U *	0.0011	0.00036	mg/Kg	☼	10/06/25 10:53	10/08/25 11:46	1
Ethylbenzene	0.0011	U	0.0011	0.00049	mg/Kg	☼	10/06/25 10:53	10/08/25 11:46	1
Ethylene Dibromide	0.0011	U	0.0011	0.00053	mg/Kg	☼	10/06/25 10:53	10/08/25 11:46	1
Isopropylbenzene	0.0011	U	0.0011	0.00030	mg/Kg	☼	10/06/25 10:53	10/08/25 11:46	1
Methyl acetate	0.0053	U	0.0053	0.0045	mg/Kg	☼	10/06/25 10:53	10/08/25 11:46	1
Methyl tert-butyl ether	0.0011	U	0.0011	0.00054	mg/Kg	☼	10/06/25 10:53	10/08/25 11:46	1
Methylcyclohexane	0.0011	U	0.0011	0.00053	mg/Kg	☼	10/06/25 10:53	10/08/25 11:46	1
Methylene Chloride	0.0021	U	0.0021	0.0012	mg/Kg	☼	10/06/25 10:53	10/08/25 11:46	1
m-Xylene & p-Xylene	0.0011	U	0.0011	0.00045	mg/Kg	☼	10/06/25 10:53	10/08/25 11:46	1
n-Butylbenzene	0.0011	U	0.0011	0.00031	mg/Kg	☼	10/06/25 10:53	10/08/25 11:46	1
N-Propylbenzene	0.0011	U	0.0011	0.00047	mg/Kg	☼	10/06/25 10:53	10/08/25 11:46	1
o-Xylene	0.0011	U	0.0011	0.00049	mg/Kg	☼	10/06/25 10:53	10/08/25 11:46	1
sec-Butylbenzene	0.0011	U	0.0011	0.00030	mg/Kg	☼	10/06/25 10:53	10/08/25 11:46	1
Styrene	0.0011	U	0.0011	0.00029	mg/Kg	☼	10/06/25 10:53	10/08/25 11:46	1

Client Sample ID: 1G2_8-9

Lab Sample ID: 460-336467-81

Date Collected: 10/03/25 14:40
Matrix: Solid
Date Received: 10/03/25 16:15
Percent Solids: 99.3

Method: SW846 8260D - Volatile Organic Compounds by GC/MS (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
tert-Butylbenzene	0.0011	U	0.0011	0.00029	mg/Kg	☼	10/06/25 10:53	10/08/25 11:46	1
Tetrachloroethene	0.0011	U	0.0011	0.00032	mg/Kg	☼	10/06/25 10:53	10/08/25 11:46	1
Toluene	0.0011	U	0.0011	0.00025	mg/Kg	☼	10/06/25 10:53	10/08/25 11:46	1
trans-1,2-Dichloroethene	0.0011	U	0.0011	0.00026	mg/Kg	☼	10/06/25 10:53	10/08/25 11:46	1
trans-1,3-Dichloropropene	0.0011	U	0.0011	0.00028	mg/Kg	☼	10/06/25 10:53	10/08/25 11:46	1
Trichloroethene	0.0011	U	0.0011	0.00034	mg/Kg	☼	10/06/25 10:53	10/08/25 11:46	1
Trichlorofluoromethane	0.0011	U	0.0011	0.00043	mg/Kg	☼	10/06/25 10:53	10/08/25 11:46	1
Vinyl chloride	0.0011	U	0.0011	0.00057	mg/Kg	☼	10/06/25 10:53	10/08/25 11:46	1
Xylenes, Total	0.0021	U	0.0021	0.00018	mg/Kg	☼	10/06/25 10:53	10/08/25 11:46	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,2-Dichloroethane-d4 (Surr)	*109*		*65 - 138*	*10/06/25 10:53*	*10/08/25 11:46*	*1*
4-Bromofluorobenzene	*99*		*71 - 128*	*10/06/25 10:53*	*10/08/25 11:46*	*1*
Dibromofluoromethane (Surr)	*118*		*50 - 150*	*10/06/25 10:53*	*10/08/25 11:46*	*1*
Toluene-d8 (Surr)	*96*		*71 - 126*	*10/06/25 10:53*	*10/08/25 11:46*	*1*

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Percent Moisture (EPA Moisture)	1.0	U	1.0	1.0	%			10/09/25 20:18	1
Percent Solids (EPA Moisture)	**99.3**		1.0	1.0	%			10/09/25 20:18	1

Client Sample ID: 1G3_9-10

Lab Sample ID: 460-336467-82

Date Collected: 10/03/25 14:45
Matrix: Solid
Date Received: 10/03/25 16:15
Percent Solids: 94.7

Method: SW846 8260D - Volatile Organic Compounds by GC/MS

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1-Trichloroethane	0.0011	U	0.0011	0.00025	mg/Kg	☼	10/06/25 10:53	10/08/25 12:09	1
1,1,2,2-Tetrachloroethane	0.0011	U	0.0011	0.00056	mg/Kg	☼	10/06/25 10:53	10/08/25 12:09	1
1,1,2-Trichloro-1,2,2-trifluoroethane	0.0011	U	0.0011	0.00033	mg/Kg	☼	10/06/25 10:53	10/08/25 12:09	1
1,1,2-Trichloroethane	0.0011	U	0.0011	0.00065	mg/Kg	☼	10/06/25 10:53	10/08/25 12:09	1
1,1-Dichloroethane	0.0011	U	0.0011	0.00065	mg/Kg	☼	10/06/25 10:53	10/08/25 12:09	1
1,1-Dichloroethene	0.0011	U	0.0011	0.00024	mg/Kg	☼	10/06/25 10:53	10/08/25 12:09	1
1,2,3-Trichlorobenzene	0.0011	U	0.0011	0.00080	mg/Kg	☼	10/06/25 10:53	10/08/25 12:09	1
1,2,4-Trichlorobenzene	0.0011	U	0.0011	0.00039	mg/Kg	☼	10/06/25 10:53	10/08/25 12:09	1
1,2,4-Trimethylbenzene	0.0011	U	0.0011	0.00027	mg/Kg	☼	10/06/25 10:53	10/08/25 12:09	1
1,2-Dibromo-3-Chloropropane	0.0011	U	0.0011	0.00050	mg/Kg	☼	10/06/25 10:53	10/08/25 12:09	1
1,2-Dichlorobenzene	0.0011	U	0.0011	0.00039	mg/Kg	☼	10/06/25 10:53	10/08/25 12:09	1
1,2-Dichloroethane	0.0011	U	0.0011	0.00032	mg/Kg	☼	10/06/25 10:53	10/08/25 12:09	1
1,2-Dichloropropane	0.0011	U	0.0011	0.00046	mg/Kg	☼	10/06/25 10:53	10/08/25 12:09	1
1,3,5-Trimethylbenzene	0.0011	U	0.0011	0.00034	mg/Kg	☼	10/06/25 10:53	10/08/25 12:09	1
1,3-Dichlorobenzene	0.0011	U	0.0011	0.00039	mg/Kg	☼	10/06/25 10:53	10/08/25 12:09	1
1,4-Dichlorobenzene	0.0011	U	0.0011	0.00056	mg/Kg	☼	10/06/25 10:53	10/08/25 12:09	1
2-Butanone (MEK)	0.0054	U	0.0054	0.00040	mg/Kg	☼	10/06/25 10:53	10/08/25 12:09	1
2-Hexanone	0.0054	U	0.0054	0.0019	mg/Kg	☼	10/06/25 10:53	10/08/25 12:09	1
4-Methyl-2-pentanone (MIBK)	0.0054	U	0.0054	0.0017	mg/Kg	☼	10/06/25 10:53	10/08/25 12:09	1
Acetone	**0.034**		0.0065	0.0062	mg/Kg	☼	10/06/25 10:53	10/08/25 12:09	1
Benzene	0.0011	U	0.0011	0.00061	mg/Kg	☼	10/06/25 10:53	10/08/25 12:09	1
Bromoform	0.0011	U	0.0011	0.00046	mg/Kg	☼	10/06/25 10:53	10/08/25 12:09	1
Bromomethane	0.0022	U	0.0022	0.0011	mg/Kg	☼	10/06/25 10:53	10/08/25 12:09	1

Client Sample ID: 1G3_9-10
Date Collected: 10/03/25 14:45
Date Received: 10/03/25 16:15

Lab Sample ID: 460-336467-82
Matrix: Solid
Percent Solids: 94.7

Method: SW846 8260D - Volatile Organic Compounds by GC/MS (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Carbon disulfide	0.0011	U	0.0011	0.00029	mg/Kg	☼	10/06/25 10:53	10/08/25 12:09	1
Carbon tetrachloride	0.0011	U	0.0011	0.00042	mg/Kg	☼	10/06/25 10:53	10/08/25 12:09	1
Chlorobenzene	0.0011	U	0.0011	0.00055	mg/Kg	☼	10/06/25 10:53	10/08/25 12:09	1
Chlorobromomethane	0.0011	U	0.0011	0.00064	mg/Kg	☼	10/06/25 10:53	10/08/25 12:09	1
Chlorodibromomethane	0.0011	U	0.0011	0.00058	mg/Kg	☼	10/06/25 10:53	10/08/25 12:09	1
Chloroethane	0.0011	U	0.0011	0.00056	mg/Kg	☼	10/06/25 10:53	10/08/25 12:09	1
Chloroform	0.0011	U	0.0011	0.0011	mg/Kg	☼	10/06/25 10:53	10/08/25 12:09	1
Chloromethane	0.0011	U	0.0011	0.00047	mg/Kg	☼	10/06/25 10:53	10/08/25 12:09	1
cis-1,2-Dichloroethene	0.0011	U	0.0011	0.00039	mg/Kg	☼	10/06/25 10:53	10/08/25 12:09	1
cis-1,3-Dichloropropene	0.0011	U	0.0011	0.00030	mg/Kg	☼	10/06/25 10:53	10/08/25 12:09	1
Cyclohexane	0.0011	U	0.0011	0.00024	mg/Kg	☼	10/06/25 10:53	10/08/25 12:09	1
Dichlorobromomethane	0.0011	U	0.0011	0.00028	mg/Kg	☼	10/06/25 10:53	10/08/25 12:09	1
Dichlorodifluoromethane	0.0011	U *	0.0011	0.00037	mg/Kg	☼	10/06/25 10:53	10/08/25 12:09	1
Ethylbenzene	0.0011	U	0.0011	0.00051	mg/Kg	☼	10/06/25 10:53	10/08/25 12:09	1
Ethylene Dibromide	0.0011	U	0.0011	0.00055	mg/Kg	☼	10/06/25 10:53	10/08/25 12:09	1
Isopropylbenzene	0.0011	U	0.0011	0.00031	mg/Kg	☼	10/06/25 10:53	10/08/25 12:09	1
Methyl acetate	0.0054	U	0.0054	0.0047	mg/Kg	☼	10/06/25 10:53	10/08/25 12:09	1
Methyl tert-butyl ether	0.0011	U	0.0011	0.00055	mg/Kg	☼	10/06/25 10:53	10/08/25 12:09	1
Methylcyclohexane	0.0011	U	0.0011	0.00054	mg/Kg	☼	10/06/25 10:53	10/08/25 12:09	1
Methylene Chloride	0.0022	U	0.0022	0.0012	mg/Kg	☼	10/06/25 10:53	10/08/25 12:09	1
m-Xylene & p-Xylene	0.0011	U	0.0011	0.00046	mg/Kg	☼	10/06/25 10:53	10/08/25 12:09	1
n-Butylbenzene	0.0011	U	0.0011	0.00032	mg/Kg	☼	10/06/25 10:53	10/08/25 12:09	1
N-Propylbenzene	0.0011	U	0.0011	0.00049	mg/Kg	☼	10/06/25 10:53	10/08/25 12:09	1
o-Xylene	0.0011	U	0.0011	0.00050	mg/Kg	☼	10/06/25 10:53	10/08/25 12:09	1
sec-Butylbenzene	0.0011	U	0.0011	0.00031	mg/Kg	☼	10/06/25 10:53	10/08/25 12:09	1
Styrene	0.0011	U	0.0011	0.00030	mg/Kg	☼	10/06/25 10:53	10/08/25 12:09	1
tert-Butylbenzene	0.0011	U	0.0011	0.00030	mg/Kg	☼	10/06/25 10:53	10/08/25 12:09	1
Tetrachloroethene	0.0011	U	0.0011	0.00033	mg/Kg	☼	10/06/25 10:53	10/08/25 12:09	1
Toluene	0.0011	U	0.0011	0.00025	mg/Kg	☼	10/06/25 10:53	10/08/25 12:09	1
trans-1,2-Dichloroethene	0.0011	U	0.0011	0.00027	mg/Kg	☼	10/06/25 10:53	10/08/25 12:09	1
trans-1,3-Dichloropropene	0.0011	U	0.0011	0.00029	mg/Kg	☼	10/06/25 10:53	10/08/25 12:09	1
Trichloroethene	0.0011	U	0.0011	0.00035	mg/Kg	☼	10/06/25 10:53	10/08/25 12:09	1
Trichlorofluoromethane	0.0011	U	0.0011	0.00044	mg/Kg	☼	10/06/25 10:53	10/08/25 12:09	1
Vinyl chloride	0.0011	U	0.0011	0.00059	mg/Kg	☼	10/06/25 10:53	10/08/25 12:09	1
Xylenes, Total	0.0022	U	0.0022	0.00019	mg/Kg	☼	10/06/25 10:53	10/08/25 12:09	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,2-Dichloroethane-d4 (Surr)	*115*		*65 - 138*	*10/06/25 10:53*	*10/08/25 12:09*	*1*
4-Bromofluorobenzene	*100*		*71 - 128*	*10/06/25 10:53*	*10/08/25 12:09*	*1*
Dibromofluoromethane (Surr)	*121*		*50 - 150*	*10/06/25 10:53*	*10/08/25 12:09*	*1*
Toluene-d8 (Surr)	*95*		*71 - 126*	*10/06/25 10:53*	*10/08/25 12:09*	*1*

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Percent Moisture (EPA Moisture)	**5.3**		1.0	1.0	%			10/09/25 20:18	1
Percent Solids (EPA Moisture)	**94.7**		1.0	1.0	%			10/09/25 20:18	1

Client Sample ID: 1G2_12-13
Date Collected: 10/03/25 14:50
Date Received: 10/03/25 16:15

Lab Sample ID: 460-336467-83
Matrix: Solid
Percent Solids: 98.9

Method: SW846 8260D - Volatile Organic Compounds by GC/MS

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1-Trichloroethane	0.0012	U	0.0012	0.00028	mg/Kg	☼	10/06/25 10:54	10/09/25 02:34	1
1,1,2,2-Tetrachloroethane	0.0012	U	0.0012	0.00062	mg/Kg	☼	10/06/25 10:54	10/09/25 02:34	1
1,1,2-Trichloro-1,2,2-trifluoroethane	0.0012	U	0.0012	0.00036	mg/Kg	☼	10/06/25 10:54	10/09/25 02:34	1
1,1,2-Trichloroethane	0.0012	U	0.0012	0.00071	mg/Kg	☼	10/06/25 10:54	10/09/25 02:34	1
1,1-Dichloroethane	0.0012	U	0.0012	0.00071	mg/Kg	☼	10/06/25 10:54	10/09/25 02:34	1
1,1-Dichloroethene	0.0012	U	0.0012	0.00027	mg/Kg	☼	10/06/25 10:54	10/09/25 02:34	1
1,2,3-Trichlorobenzene	0.0012	U	0.0012	0.00087	mg/Kg	☼	10/06/25 10:54	10/09/25 02:34	1
1,2,4-Trichlorobenzene	0.0012	U	0.0012	0.00042	mg/Kg	☼	10/06/25 10:54	10/09/25 02:34	1
1,2,4-Trimethylbenzene	0.0012	U	0.0012	0.00029	mg/Kg	☼	10/06/25 10:54	10/09/25 02:34	1
1,2-Dibromo-3-Chloropropane	0.0012	U	0.0012	0.00054	mg/Kg	☼	10/06/25 10:54	10/09/25 02:34	1
1,2-Dichlorobenzene	0.0012	U	0.0012	0.00043	mg/Kg	☼	10/06/25 10:54	10/09/25 02:34	1
1,2-Dichloroethane	0.0012	U	0.0012	0.00035	mg/Kg	☼	10/06/25 10:54	10/09/25 02:34	1
1,2-Dichloropropane	0.0012	U	0.0012	0.00050	mg/Kg	☼	10/06/25 10:54	10/09/25 02:34	1
1,3,5-Trimethylbenzene	0.0012	U	0.0012	0.00037	mg/Kg	☼	10/06/25 10:54	10/09/25 02:34	1
1,3-Dichlorobenzene	0.0012	U	0.0012	0.00043	mg/Kg	☼	10/06/25 10:54	10/09/25 02:34	1
1,4-Dichlorobenzene	0.0012	U	0.0012	0.00061	mg/Kg	☼	10/06/25 10:54	10/09/25 02:34	1
2-Butanone (MEK)	0.0059	U	0.0059	0.00044	mg/Kg	☼	10/06/25 10:54	10/09/25 02:34	1
2-Hexanone	0.0059	U	0.0059	0.0020	mg/Kg	☼	10/06/25 10:54	10/09/25 02:34	1
4-Methyl-2-pentanone (MIBK)	0.0059	U	0.0059	0.0018	mg/Kg	☼	10/06/25 10:54	10/09/25 02:34	1
Acetone	**0.027**		0.0071	0.0068	mg/Kg	☼	10/06/25 10:54	10/09/25 02:34	1
Benzene	0.0012	U	0.0012	0.00067	mg/Kg	☼	10/06/25 10:54	10/09/25 02:34	1
Bromoform	0.0012	U	0.0012	0.00050	mg/Kg	☼	10/06/25 10:54	10/09/25 02:34	1
Bromomethane	0.0024	U	0.0024	0.0012	mg/Kg	☼	10/06/25 10:54	10/09/25 02:34	1
Carbon disulfide	0.0012	U	0.0012	0.00032	mg/Kg	☼	10/06/25 10:54	10/09/25 02:34	1
Carbon tetrachloride	0.0012	U	0.0012	0.00046	mg/Kg	☼	10/06/25 10:54	10/09/25 02:34	1
Chlorobenzene	0.0012	U	0.0012	0.00060	mg/Kg	☼	10/06/25 10:54	10/09/25 02:34	1
Chlorobromomethane	0.0012	U	0.0012	0.00071	mg/Kg	☼	10/06/25 10:54	10/09/25 02:34	1
Chlorodibromomethane	0.0012	U	0.0012	0.00064	mg/Kg	☼	10/06/25 10:54	10/09/25 02:34	1
Chloroethane	0.0012	U	0.0012	0.00062	mg/Kg	☼	10/06/25 10:54	10/09/25 02:34	1
Chloroform	0.0012	U	0.0012	0.0012	mg/Kg	☼	10/06/25 10:54	10/09/25 02:34	1
Chloromethane	0.0012	U	0.0012	0.00052	mg/Kg	☼	10/06/25 10:54	10/09/25 02:34	1
cis-1,2-Dichloroethene	0.0012	U	0.0012	0.00042	mg/Kg	☼	10/06/25 10:54	10/09/25 02:34	1
cis-1,3-Dichloropropene	0.0012	U	0.0012	0.00032	mg/Kg	☼	10/06/25 10:54	10/09/25 02:34	1
Cyclohexane	0.0012	U	0.0012	0.00026	mg/Kg	☼	10/06/25 10:54	10/09/25 02:34	1
Dichlorobromomethane	0.0012	U	0.0012	0.00030	mg/Kg	☼	10/06/25 10:54	10/09/25 02:34	1
Dichlorodifluoromethane	0.0012	U	0.0012	0.00040	mg/Kg	☼	10/06/25 10:54	10/09/25 02:34	1
Ethylbenzene	0.0012	U	0.0012	0.00055	mg/Kg	☼	10/06/25 10:54	10/09/25 02:34	1
Ethylene Dibromide	0.0012	U	0.0012	0.00060	mg/Kg	☼	10/06/25 10:54	10/09/25 02:34	1
Isopropylbenzene	0.0012	U	0.0012	0.00034	mg/Kg	☼	10/06/25 10:54	10/09/25 02:34	1
Methyl acetate	0.0059	U	0.0059	0.0051	mg/Kg	☼	10/06/25 10:54	10/09/25 02:34	1
Methyl tert-butyl ether	0.0012	U	0.0012	0.00061	mg/Kg	☼	10/06/25 10:54	10/09/25 02:34	1
Methylcyclohexane	0.0012	U	0.0012	0.00059	mg/Kg	☼	10/06/25 10:54	10/09/25 02:34	1
Methylene Chloride	0.0024	U	0.0024	0.0014	mg/Kg	☼	10/06/25 10:54	10/09/25 02:34	1
m-Xylene & p-Xylene	0.0012	U	0.0012	0.00050	mg/Kg	☼	10/06/25 10:54	10/09/25 02:34	1
n-Butylbenzene	0.0012	U	0.0012	0.00035	mg/Kg	☼	10/06/25 10:54	10/09/25 02:34	1
N-Propylbenzene	0.0012	U	0.0012	0.00053	mg/Kg	☼	10/06/25 10:54	10/09/25 02:34	1
o-Xylene	0.0012	U	0.0012	0.00055	mg/Kg	☼	10/06/25 10:54	10/09/25 02:34	1
sec-Butylbenzene	0.0012	U	0.0012	0.00034	mg/Kg	☼	10/06/25 10:54	10/09/25 02:34	1
Styrene	0.0012	U	0.0012	0.00033	mg/Kg	☼	10/06/25 10:54	10/09/25 02:34	1

Client Sample ID: 1G2_12-13

Lab Sample ID: 460-336467-83

Date Collected: 10/03/25 14:50
Matrix: Solid
Date Received: 10/03/25 16:15
Percent Solids: 98.9

Method: SW846 8260D - Volatile Organic Compounds by GC/MS (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
tert-Butylbenzene	0.0012	U	0.0012	0.00033	mg/Kg	☼	10/06/25 10:54	10/09/25 02:34	1
Tetrachloroethene	0.0012	U	0.0012	0.00036	mg/Kg	☼	10/06/25 10:54	10/09/25 02:34	1
Toluene	0.0012	U	0.0012	0.00028	mg/Kg	☼	10/06/25 10:54	10/09/25 02:34	1
trans-1,2-Dichloroethene	0.0012	U	0.0012	0.00029	mg/Kg	☼	10/06/25 10:54	10/09/25 02:34	1
trans-1,3-Dichloropropene	0.0012	U	0.0012	0.00032	mg/Kg	☼	10/06/25 10:54	10/09/25 02:34	1
Trichloroethene	0.0012	U	0.0012	0.00038	mg/Kg	☼	10/06/25 10:54	10/09/25 02:34	1
Trichlorofluoromethane	0.0012	U	0.0012	0.00048	mg/Kg	☼	10/06/25 10:54	10/09/25 02:34	1
Vinyl chloride	0.0012	U	0.0012	0.00065	mg/Kg	☼	10/06/25 10:54	10/09/25 02:34	1
Xylenes, Total	0.0024	U	0.0024	0.00021	mg/Kg	☼	10/06/25 10:54	10/09/25 02:34	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,2-Dichloroethane-d4 (Surr)	*94*		*65 - 138*	*10/06/25 10:54*	*10/09/25 02:34*	*1*
4-Bromofluorobenzene	*94*		*71 - 128*	*10/06/25 10:54*	*10/09/25 02:34*	*1*
Dibromofluoromethane (Surr)	*97*		*50 - 150*	*10/06/25 10:54*	*10/09/25 02:34*	*1*
Toluene-d8 (Surr)	*100*		*71 - 126*	*10/06/25 10:54*	*10/09/25 02:34*	*1*

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Percent Moisture (EPA Moisture)	**1.1**		1.0	1.0	%			10/09/25 20:18	1
Percent Solids (EPA Moisture)	**98.9**		1.0	1.0	%			10/09/25 20:18	1

Client Sample ID: 1H1_1-2

Lab Sample ID: 460-336467-84

Date Collected: 10/03/25 14:55
Matrix: Solid
Date Received: 10/03/25 16:15
Percent Solids: 99.3

Method: SW846 8260D - Volatile Organic Compounds by GC/MS

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1-Trichloroethane	0.0011	U	0.0011	0.00025	mg/Kg	☼	10/06/25 10:54	10/09/25 02:58	1
1,1,2,2-Tetrachloroethane	0.0011	U	0.0011	0.00057	mg/Kg	☼	10/06/25 10:54	10/09/25 02:58	1
1,1,2-Trichloro-1,2,2-trifluoroethane	0.0011	U	0.0011	0.00033	mg/Kg	☼	10/06/25 10:54	10/09/25 02:58	1
1,1,2-Trichloroethane	0.0011	U	0.0011	0.00066	mg/Kg	☼	10/06/25 10:54	10/09/25 02:58	1
1,1-Dichloroethane	0.0011	U	0.0011	0.00065	mg/Kg	☼	10/06/25 10:54	10/09/25 02:58	1
1,1-Dichloroethene	0.0011	U	0.0011	0.00025	mg/Kg	☼	10/06/25 10:54	10/09/25 02:58	1
1,2,3-Trichlorobenzene	0.0011	U	0.0011	0.00081	mg/Kg	☼	10/06/25 10:54	10/09/25 02:58	1
1,2,4-Trichlorobenzene	0.0011	U	0.0011	0.00039	mg/Kg	☼	10/06/25 10:54	10/09/25 02:58	1
1,2,4-Trimethylbenzene	0.0011	U	0.0011	0.00027	mg/Kg	☼	10/06/25 10:54	10/09/25 02:58	1
1,2-Dibromo-3-Chloropropane	0.0011	U	0.0011	0.00050	mg/Kg	☼	10/06/25 10:54	10/09/25 02:58	1
1,2-Dichlorobenzene	0.0011	U	0.0011	0.00039	mg/Kg	☼	10/06/25 10:54	10/09/25 02:58	1
1,2-Dichloroethane	0.0011	U	0.0011	0.00032	mg/Kg	☼	10/06/25 10:54	10/09/25 02:58	1
1,2-Dichloropropane	0.0011	U	0.0011	0.00046	mg/Kg	☼	10/06/25 10:54	10/09/25 02:58	1
1,3,5-Trimethylbenzene	0.0011	U	0.0011	0.00034	mg/Kg	☼	10/06/25 10:54	10/09/25 02:58	1
1,3-Dichlorobenzene	0.0011	U	0.0011	0.00040	mg/Kg	☼	10/06/25 10:54	10/09/25 02:58	1
1,4-Dichlorobenzene	0.0011	U	0.0011	0.00057	mg/Kg	☼	10/06/25 10:54	10/09/25 02:58	1
2-Butanone (MEK)	0.0055	U	0.0055	0.00040	mg/Kg	☼	10/06/25 10:54	10/09/25 02:58	1
2-Hexanone	0.0055	U	0.0055	0.0019	mg/Kg	☼	10/06/25 10:54	10/09/25 02:58	1
4-Methyl-2-pentanone (MIBK)	0.0055	U	0.0055	0.0017	mg/Kg	☼	10/06/25 10:54	10/09/25 02:58	1
Acetone	**0.11**		0.0066	0.0062	mg/Kg	☼	10/06/25 10:54	10/09/25 02:58	1
Benzene	0.0011	U	0.0011	0.00062	mg/Kg	☼	10/06/25 10:54	10/09/25 02:58	1
Bromoform	0.0011	U	0.0011	0.00046	mg/Kg	☼	10/06/25 10:54	10/09/25 02:58	1
Bromomethane	0.0022	U	0.0022	0.0011	mg/Kg	☼	10/06/25 10:54	10/09/25 02:58	1

Client Sample ID: 1H1_1-2
Date Collected: 10/03/25 14:55
Date Received: 10/03/25 16:15

Lab Sample ID: 460-336467-84
Matrix: Solid
Percent Solids: 99.3

Method: SW846 8260D - Volatile Organic Compounds by GC/MS (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Carbon disulfide	0.0011	U	0.0011	0.00029	mg/Kg	☼	10/06/25 10:54	10/09/25 02:58	1
Carbon tetrachloride	0.0011	U	0.0011	0.00042	mg/Kg	☼	10/06/25 10:54	10/09/25 02:58	1
Chlorobenzene	0.0011	U	0.0011	0.00055	mg/Kg	☼	10/06/25 10:54	10/09/25 02:58	1
Chlorobromomethane	0.0011	U	0.0011	0.00065	mg/Kg	☼	10/06/25 10:54	10/09/25 02:58	1
Chlorodibromomethane	0.0011	U	0.0011	0.00059	mg/Kg	☼	10/06/25 10:54	10/09/25 02:58	1
Chloroethane	0.0011	U	0.0011	0.00057	mg/Kg	☼	10/06/25 10:54	10/09/25 02:58	1
Chloroform	0.0011	U	0.0011	0.0011	mg/Kg	☼	10/06/25 10:54	10/09/25 02:58	1
Chloromethane	0.0011	U	0.0011	0.00048	mg/Kg	☼	10/06/25 10:54	10/09/25 02:58	1
cis-1,2-Dichloroethene	0.0011	U	0.0011	0.00039	mg/Kg	☼	10/06/25 10:54	10/09/25 02:58	1
cis-1,3-Dichloropropene	0.0011	U	0.0011	0.00030	mg/Kg	☼	10/06/25 10:54	10/09/25 02:58	1
Cyclohexane	0.0011	U	0.0011	0.00024	mg/Kg	☼	10/06/25 10:54	10/09/25 02:58	1
Dichlorobromomethane	0.0011	U	0.0011	0.00028	mg/Kg	☼	10/06/25 10:54	10/09/25 02:58	1
Dichlorodifluoromethane	0.0011	U	0.0011	0.00037	mg/Kg	☼	10/06/25 10:54	10/09/25 02:58	1
Ethylbenzene	0.0011	U	0.0011	0.00051	mg/Kg	☼	10/06/25 10:54	10/09/25 02:58	1
Ethylene Dibromide	0.0011	U	0.0011	0.00055	mg/Kg	☼	10/06/25 10:54	10/09/25 02:58	1
Isopropylbenzene	0.0011	U	0.0011	0.00031	mg/Kg	☼	10/06/25 10:54	10/09/25 02:58	1
Methyl acetate	0.0055	U	0.0055	0.0047	mg/Kg	☼	10/06/25 10:54	10/09/25 02:58	1
Methyl tert-butyl ether	0.0011	U	0.0011	0.00056	mg/Kg	☼	10/06/25 10:54	10/09/25 02:58	1
Methylcyclohexane	0.0011	U	0.0011	0.00055	mg/Kg	☼	10/06/25 10:54	10/09/25 02:58	1
Methylene Chloride	0.0022	U	0.0022	0.0013	mg/Kg	☼	10/06/25 10:54	10/09/25 02:58	1
m-Xylene & p-Xylene	0.0011	U	0.0011	0.00046	mg/Kg	☼	10/06/25 10:54	10/09/25 02:58	1
n-Butylbenzene	0.0011	U	0.0011	0.00032	mg/Kg	☼	10/06/25 10:54	10/09/25 02:58	1
N-Propylbenzene	0.0011	U	0.0011	0.00049	mg/Kg	☼	10/06/25 10:54	10/09/25 02:58	1
o-Xylene	0.0011	U	0.0011	0.00050	mg/Kg	☼	10/06/25 10:54	10/09/25 02:58	1
sec-Butylbenzene	0.0011	U	0.0011	0.00031	mg/Kg	☼	10/06/25 10:54	10/09/25 02:58	1
Styrene	0.0011	U	0.0011	0.00030	mg/Kg	☼	10/06/25 10:54	10/09/25 02:58	1
tert-Butylbenzene	0.0011	U	0.0011	0.00030	mg/Kg	☼	10/06/25 10:54	10/09/25 02:58	1
Tetrachloroethene	0.0011	U	0.0011	0.00033	mg/Kg	☼	10/06/25 10:54	10/09/25 02:58	1
Toluene	0.0011	U	0.0011	0.00026	mg/Kg	☼	10/06/25 10:54	10/09/25 02:58	1
trans-1,2-Dichloroethene	0.0011	U	0.0011	0.00027	mg/Kg	☼	10/06/25 10:54	10/09/25 02:58	1
trans-1,3-Dichloropropene	0.0011	U	0.0011	0.00029	mg/Kg	☼	10/06/25 10:54	10/09/25 02:58	1
Trichloroethene	0.0011	U	0.0011	0.00035	mg/Kg	☼	10/06/25 10:54	10/09/25 02:58	1
Trichlorofluoromethane	0.0011	U	0.0011	0.00044	mg/Kg	☼	10/06/25 10:54	10/09/25 02:58	1
Vinyl chloride	0.0011	U	0.0011	0.00060	mg/Kg	☼	10/06/25 10:54	10/09/25 02:58	1
Xylenes, Total	0.0022	U	0.0022	0.00019	mg/Kg	☼	10/06/25 10:54	10/09/25 02:58	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,2-Dichloroethane-d4 (Surr)	*95*		*65 - 138*	*10/06/25 10:54*	*10/09/25 02:58*	*1*
4-Bromofluorobenzene	*98*		*71 - 128*	*10/06/25 10:54*	*10/09/25 02:58*	*1*
Dibromofluoromethane (Surr)	*99*		*50 - 150*	*10/06/25 10:54*	*10/09/25 02:58*	*1*
Toluene-d8 (Surr)	*102*		*71 - 126*	*10/06/25 10:54*	*10/09/25 02:58*	*1*

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Percent Moisture (EPA Moisture)	1.0	U	1.0	1.0	%			10/09/25 20:18	1
Percent Solids (EPA Moisture)	**99.3**		1.0	1.0	%			10/09/25 20:18	1

Client: Haley & Aldrich, Inc.
Project/Site: Former Port Mobil

Job ID: 460-336467-1

Client Sample ID: 1H2_3-4
Date Collected: 10/03/25 15:00
Date Received: 10/03/25 16:15

Lab Sample ID: 460-336467-85
Matrix: Solid
Percent Solids: 99.6

Method: SW846 8260D - Volatile Organic Compounds by GC/MS

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1-Trichloroethane	0.0010	U	0.0010	0.00024	mg/Kg	☼	10/06/25 10:55	10/09/25 03:22	1
1,1,2,2-Tetrachloroethane	0.0010	U	0.0010	0.00053	mg/Kg	☼	10/06/25 10:55	10/09/25 03:22	1
1,1,2-Trichloro-1,2,2-trifluoroethane	0.0010	U	0.0010	0.00031	mg/Kg	☼	10/06/25 10:55	10/09/25 03:22	1
1,1,2-Trichloroethane	0.0010	U	0.0010	0.00061	mg/Kg	☼	10/06/25 10:55	10/09/25 03:22	1
1,1-Dichloroethane	0.0010	U	0.0010	0.00061	mg/Kg	☼	10/06/25 10:55	10/09/25 03:22	1
1,1-Dichloroethene	0.0010	U	0.0010	0.00023	mg/Kg	☼	10/06/25 10:55	10/09/25 03:22	1
1,2,3-Trichlorobenzene	0.0010	U	0.0010	0.00075	mg/Kg	☼	10/06/25 10:55	10/09/25 03:22	1
1,2,4-Trichlorobenzene	0.0010	U	0.0010	0.00037	mg/Kg	☼	10/06/25 10:55	10/09/25 03:22	1
1,2,4-Trimethylbenzene	0.0010	U	0.0010	0.00025	mg/Kg	☼	10/06/25 10:55	10/09/25 03:22	1
1,2-Dibromo-3-Chloropropane	0.0010	U	0.0010	0.00047	mg/Kg	☼	10/06/25 10:55	10/09/25 03:22	1
1,2-Dichlorobenzene	0.0010	U	0.0010	0.00037	mg/Kg	☼	10/06/25 10:55	10/09/25 03:22	1
1,2-Dichloroethane	0.0010	U	0.0010	0.00030	mg/Kg	☼	10/06/25 10:55	10/09/25 03:22	1
1,2-Dichloropropane	0.0010	U	0.0010	0.00043	mg/Kg	☼	10/06/25 10:55	10/09/25 03:22	1
1,3,5-Trimethylbenzene	0.0010	U	0.0010	0.00032	mg/Kg	☼	10/06/25 10:55	10/09/25 03:22	1
1,3-Dichlorobenzene	0.0010	U	0.0010	0.00037	mg/Kg	☼	10/06/25 10:55	10/09/25 03:22	1
1,4-Dichlorobenzene	0.0010	U	0.0010	0.00053	mg/Kg	☼	10/06/25 10:55	10/09/25 03:22	1
2-Butanone (MEK)	0.0051	U	0.0051	0.00038	mg/Kg	☼	10/06/25 10:55	10/09/25 03:22	1
2-Hexanone	0.0051	U	0.0051	0.0017	mg/Kg	☼	10/06/25 10:55	10/09/25 03:22	1
4-Methyl-2-pentanone (MIBK)	0.0051	U	0.0051	0.0016	mg/Kg	☼	10/06/25 10:55	10/09/25 03:22	1
Acetone	**0.049**		0.0061	0.0058	mg/Kg	☼	10/06/25 10:55	10/09/25 03:22	1
Benzene	0.0010	U	0.0010	0.00058	mg/Kg	☼	10/06/25 10:55	10/09/25 03:22	1
Bromoform	0.0010	U	0.0010	0.00043	mg/Kg	☼	10/06/25 10:55	10/09/25 03:22	1
Bromomethane	0.0020	U	0.0020	0.0010	mg/Kg	☼	10/06/25 10:55	10/09/25 03:22	1
Carbon disulfide	0.0010	U	0.0010	0.00027	mg/Kg	☼	10/06/25 10:55	10/09/25 03:22	1
Carbon tetrachloride	0.0010	U	0.0010	0.00040	mg/Kg	☼	10/06/25 10:55	10/09/25 03:22	1
Chlorobenzene	0.0010	U	0.0010	0.00052	mg/Kg	☼	10/06/25 10:55	10/09/25 03:22	1
Chlorobromomethane	0.0010	U	0.0010	0.00061	mg/Kg	☼	10/06/25 10:55	10/09/25 03:22	1
Chlorodibromomethane	0.0010	U	0.0010	0.00055	mg/Kg	☼	10/06/25 10:55	10/09/25 03:22	1
Chloroethane	0.0010	U	0.0010	0.00053	mg/Kg	☼	10/06/25 10:55	10/09/25 03:22	1
Chloroform	0.0010	U	0.0010	0.00099	mg/Kg	☼	10/06/25 10:55	10/09/25 03:22	1
Chloromethane	0.0010	U	0.0010	0.00044	mg/Kg	☼	10/06/25 10:55	10/09/25 03:22	1
cis-1,2-Dichloroethene	0.0010	U	0.0010	0.00037	mg/Kg	☼	10/06/25 10:55	10/09/25 03:22	1
cis-1,3-Dichloropropene	0.0010	U	0.0010	0.00028	mg/Kg	☼	10/06/25 10:55	10/09/25 03:22	1
Cyclohexane	0.0010	U	0.0010	0.00023	mg/Kg	☼	10/06/25 10:55	10/09/25 03:22	1
Dichlorobromomethane	0.0010	U	0.0010	0.00026	mg/Kg	☼	10/06/25 10:55	10/09/25 03:22	1
Dichlorodifluoromethane	0.0010	U	0.0010	0.00035	mg/Kg	☼	10/06/25 10:55	10/09/25 03:22	1
Ethylbenzene	0.0010	U	0.0010	0.00048	mg/Kg	☼	10/06/25 10:55	10/09/25 03:22	1
Ethylene Dibromide	0.0010	U	0.0010	0.00051	mg/Kg	☼	10/06/25 10:55	10/09/25 03:22	1
Isopropylbenzene	0.0010	U	0.0010	0.00029	mg/Kg	☼	10/06/25 10:55	10/09/25 03:22	1
Methyl acetate	0.0051	U	0.0051	0.0044	mg/Kg	☼	10/06/25 10:55	10/09/25 03:22	1
Methyl tert-butyl ether	0.0010	U	0.0010	0.00052	mg/Kg	☼	10/06/25 10:55	10/09/25 03:22	1
Methylcyclohexane	0.0010	U	0.0010	0.00051	mg/Kg	☼	10/06/25 10:55	10/09/25 03:22	1
Methylene Chloride	0.0020	U	0.0020	0.0012	mg/Kg	☼	10/06/25 10:55	10/09/25 03:22	1
m-Xylene & p-Xylene	0.0010	U	0.0010	0.00043	mg/Kg	☼	10/06/25 10:55	10/09/25 03:22	1
n-Butylbenzene	0.0010	U	0.0010	0.00030	mg/Kg	☼	10/06/25 10:55	10/09/25 03:22	1
N-Propylbenzene	0.0010	U	0.0010	0.00046	mg/Kg	☼	10/06/25 10:55	10/09/25 03:22	1
o-Xylene	0.0010	U	0.0010	0.00047	mg/Kg	☼	10/06/25 10:55	10/09/25 03:22	1
sec-Butylbenzene	0.0010	U	0.0010	0.00029	mg/Kg	☼	10/06/25 10:55	10/09/25 03:22	1
Styrene	0.0010	U	0.0010	0.00028	mg/Kg	☼	10/06/25 10:55	10/09/25 03:22	1

Client Sample ID: 1H2_3-4

Date Collected: 10/03/25 15:00
Date Received: 10/03/25 16:15

Lab Sample ID: 460-336467-85

Matrix: Solid
Percent Solids: 99.6

Method: SW846 8260D - Volatile Organic Compounds by GC/MS (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
tert-Butylbenzene	0.0010	U	0.0010	0.00028	mg/Kg	☼	10/06/25 10:55	10/09/25 03:22	1
Tetrachloroethene	0.0010	U	0.0010	0.00031	mg/Kg	☼	10/06/25 10:55	10/09/25 03:22	1
Toluene	0.0010	U	0.0010	0.00024	mg/Kg	☼	10/06/25 10:55	10/09/25 03:22	1
trans-1,2-Dichloroethene	0.0010	U	0.0010	0.00025	mg/Kg	☼	10/06/25 10:55	10/09/25 03:22	1
trans-1,3-Dichloropropene	0.0010	U	0.0010	0.00027	mg/Kg	☼	10/06/25 10:55	10/09/25 03:22	1
Trichloroethene	0.0010	U	0.0010	0.00033	mg/Kg	☼	10/06/25 10:55	10/09/25 03:22	1
Trichlorofluoromethane	0.0010	U	0.0010	0.00041	mg/Kg	☼	10/06/25 10:55	10/09/25 03:22	1
Vinyl chloride	0.0010	U	0.0010	0.00056	mg/Kg	☼	10/06/25 10:55	10/09/25 03:22	1
Xylenes, Total	0.0020	U	0.0020	0.00018	mg/Kg	☼	10/06/25 10:55	10/09/25 03:22	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,2-Dichloroethane-d4 (Surr)	*93*		*65 - 138*	*10/06/25 10:55*	*10/09/25 03:22*	*1*
4-Bromofluorobenzene	*95*		*71 - 128*	*10/06/25 10:55*	*10/09/25 03:22*	*1*
Dibromofluoromethane (Surr)	*97*		*50 - 150*	*10/06/25 10:55*	*10/09/25 03:22*	*1*
Toluene-d8 (Surr)	*100*		*71 - 126*	*10/06/25 10:55*	*10/09/25 03:22*	*1*

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Percent Moisture (EPA Moisture)	1.0	U	1.0	1.0	%			10/09/25 20:18	1
Percent Solids (EPA Moisture)	**99.6**		1.0	1.0	%			10/09/25 20:18	1

Client Sample ID: 1H3_4-5

Date Collected: 10/03/25 15:05
Date Received: 10/03/25 16:15

Lab Sample ID: 460-336467-86

Matrix: Solid
Percent Solids: 99.3

Method: SW846 8260D - Volatile Organic Compounds by GC/MS

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1-Trichloroethane	0.0012	U	0.0012	0.00028	mg/Kg	☼	10/06/25 10:55	10/09/25 03:46	1
1,1,2,2-Tetrachloroethane	0.0012	U	0.0012	0.00064	mg/Kg	☼	10/06/25 10:55	10/09/25 03:46	1
1,1,2-Trichloro-1,2,2-trifluoroethane	0.0012	U	0.0012	0.00037	mg/Kg	☼	10/06/25 10:55	10/09/25 03:46	1
1,1,2-Trichloroethane	0.0012	U	0.0012	0.00073	mg/Kg	☼	10/06/25 10:55	10/09/25 03:46	1
1,1-Dichloroethane	0.0012	U	0.0012	0.00073	mg/Kg	☼	10/06/25 10:55	10/09/25 03:46	1
1,1-Dichloroethene	0.0012	U	0.0012	0.00027	mg/Kg	☼	10/06/25 10:55	10/09/25 03:46	1
1,2,3-Trichlorobenzene	0.0012	U	0.0012	0.00090	mg/Kg	☼	10/06/25 10:55	10/09/25 03:46	1
1,2,4-Trichlorobenzene	0.0012	U	0.0012	0.00044	mg/Kg	☼	10/06/25 10:55	10/09/25 03:46	1
1,2,4-Trimethylbenzene	0.0012	U	0.0012	0.00030	mg/Kg	☼	10/06/25 10:55	10/09/25 03:46	1
1,2-Dibromo-3-Chloropropane	0.0012	U	0.0012	0.00056	mg/Kg	☼	10/06/25 10:55	10/09/25 03:46	1
1,2-Dichlorobenzene	0.0012	U	0.0012	0.00044	mg/Kg	☼	10/06/25 10:55	10/09/25 03:46	1
1,2-Dichloroethane	0.0012	U	0.0012	0.00036	mg/Kg	☼	10/06/25 10:55	10/09/25 03:46	1
1,2-Dichloropropane	0.0012	U	0.0012	0.00052	mg/Kg	☼	10/06/25 10:55	10/09/25 03:46	1
1,3,5-Trimethylbenzene	0.0012	U	0.0012	0.00038	mg/Kg	☼	10/06/25 10:55	10/09/25 03:46	1
1,3-Dichlorobenzene	0.0012	U	0.0012	0.00044	mg/Kg	☼	10/06/25 10:55	10/09/25 03:46	1
1,4-Dichlorobenzene	0.0012	U	0.0012	0.00063	mg/Kg	☼	10/06/25 10:55	10/09/25 03:46	1
2-Butanone (MEK)	0.0061	U	0.0061	0.00045	mg/Kg	☼	10/06/25 10:55	10/09/25 03:46	1
2-Hexanone	0.0061	U	0.0061	0.0021	mg/Kg	☼	10/06/25 10:55	10/09/25 03:46	1
4-Methyl-2-pentanone (MIBK)	0.0061	U	0.0061	0.0019	mg/Kg	☼	10/06/25 10:55	10/09/25 03:46	1
Acetone	**0.014**		0.0073	0.0070	mg/Kg	☼	10/06/25 10:55	10/09/25 03:46	1
Benzene	0.0012	U	0.0012	0.00069	mg/Kg	☼	10/06/25 10:55	10/09/25 03:46	1
Bromoform	0.0012	U	0.0012	0.00052	mg/Kg	☼	10/06/25 10:55	10/09/25 03:46	1
Bromomethane	0.0024	U	0.0024	0.0012	mg/Kg	☼	10/06/25 10:55	10/09/25 03:46	1

Client Sample ID: 1H3_4-5
Date Collected: 10/03/25 15:05
Date Received: 10/03/25 16:15

Lab Sample ID: 460-336467-86
Matrix: Solid
Percent Solids: 99.3

Method: SW846 8260D - Volatile Organic Compounds by GC/MS (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Carbon disulfide	0.0012	U	0.0012	0.00032	mg/Kg	☼	10/06/25 10:55	10/09/25 03:46	1
Carbon tetrachloride	0.0012	U	0.0012	0.00047	mg/Kg	☼	10/06/25 10:55	10/09/25 03:46	1
Chlorobenzene	0.0012	U	0.0012	0.00062	mg/Kg	☼	10/06/25 10:55	10/09/25 03:46	1
Chlorobromomethane	0.0012	U	0.0012	0.00073	mg/Kg	☼	10/06/25 10:55	10/09/25 03:46	1
Chlorodibromomethane	0.0012	U	0.0012	0.00065	mg/Kg	☼	10/06/25 10:55	10/09/25 03:46	1
Chloroethane	0.0012	U	0.0012	0.00064	mg/Kg	☼	10/06/25 10:55	10/09/25 03:46	1
Chloroform	0.0012	U	0.0012	0.0012	mg/Kg	☼	10/06/25 10:55	10/09/25 03:46	1
Chloromethane	0.0012	U	0.0012	0.00053	mg/Kg	☼	10/06/25 10:55	10/09/25 03:46	1
cis-1,2-Dichloroethene	0.0012	U	0.0012	0.00044	mg/Kg	☼	10/06/25 10:55	10/09/25 03:46	1
cis-1,3-Dichloropropene	0.0012	U	0.0012	0.00033	mg/Kg	☼	10/06/25 10:55	10/09/25 03:46	1
Cyclohexane	0.0012	U	0.0012	0.00027	mg/Kg	☼	10/06/25 10:55	10/09/25 03:46	1
Dichlorobromomethane	0.0012	U	0.0012	0.00031	mg/Kg	☼	10/06/25 10:55	10/09/25 03:46	1
Dichlorodifluoromethane	0.0012	U	0.0012	0.00041	mg/Kg	☼	10/06/25 10:55	10/09/25 03:46	1
Ethylbenzene	0.0012	U	0.0012	0.00057	mg/Kg	☼	10/06/25 10:55	10/09/25 03:46	1
Ethylene Dibromide	0.0012	U	0.0012	0.00061	mg/Kg	☼	10/06/25 10:55	10/09/25 03:46	1
Isopropylbenzene	0.0012	U	0.0012	0.00035	mg/Kg	☼	10/06/25 10:55	10/09/25 03:46	1
Methyl acetate	0.0061	U	0.0061	0.0052	mg/Kg	☼	10/06/25 10:55	10/09/25 03:46	1
Methyl tert-butyl ether	0.0012	U	0.0012	0.00062	mg/Kg	☼	10/06/25 10:55	10/09/25 03:46	1
Methylcyclohexane	0.0012	U	0.0012	0.00061	mg/Kg	☼	10/06/25 10:55	10/09/25 03:46	1
Methylene Chloride	0.0024	U	0.0024	0.0014	mg/Kg	☼	10/06/25 10:55	10/09/25 03:46	1
m-Xylene & p-Xylene	0.0012	U	0.0012	0.00052	mg/Kg	☼	10/06/25 10:55	10/09/25 03:46	1
n-Butylbenzene	0.0012	U	0.0012	0.00036	mg/Kg	☼	10/06/25 10:55	10/09/25 03:46	1
N-Propylbenzene	0.0012	U	0.0012	0.00055	mg/Kg	☼	10/06/25 10:55	10/09/25 03:46	1
o-Xylene	0.0012	U	0.0012	0.00056	mg/Kg	☼	10/06/25 10:55	10/09/25 03:46	1
sec-Butylbenzene	0.0012	U	0.0012	0.00035	mg/Kg	☼	10/06/25 10:55	10/09/25 03:46	1
Styrene	0.0012	U	0.0012	0.00034	mg/Kg	☼	10/06/25 10:55	10/09/25 03:46	1
tert-Butylbenzene	0.0012	U	0.0012	0.00034	mg/Kg	☼	10/06/25 10:55	10/09/25 03:46	1
Tetrachloroethene	0.0012	U	0.0012	0.00037	mg/Kg	☼	10/06/25 10:55	10/09/25 03:46	1
Toluene	0.0012	U	0.0012	0.00029	mg/Kg	☼	10/06/25 10:55	10/09/25 03:46	1
trans-1,2-Dichloroethene	0.0012	U	0.0012	0.00030	mg/Kg	☼	10/06/25 10:55	10/09/25 03:46	1
trans-1,3-Dichloropropene	0.0012	U	0.0012	0.00032	mg/Kg	☼	10/06/25 10:55	10/09/25 03:46	1
Trichloroethene	0.0012	U	0.0012	0.00039	mg/Kg	☼	10/06/25 10:55	10/09/25 03:46	1
Trichlorofluoromethane	0.0012	U	0.0012	0.00049	mg/Kg	☼	10/06/25 10:55	10/09/25 03:46	1
Vinyl chloride	0.0012	U	0.0012	0.00067	mg/Kg	☼	10/06/25 10:55	10/09/25 03:46	1
Xylenes, Total	0.0024	U	0.0024	0.00021	mg/Kg	☼	10/06/25 10:55	10/09/25 03:46	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,2-Dichloroethane-d4 (Surr)	*94*		*65 - 138*	*10/06/25 10:55*	*10/09/25 03:46*	*1*
4-Bromofluorobenzene	*95*		*71 - 128*	*10/06/25 10:55*	*10/09/25 03:46*	*1*
Dibromofluoromethane (Surr)	*98*		*50 - 150*	*10/06/25 10:55*	*10/09/25 03:46*	*1*
Toluene-d8 (Surr)	*100*		*71 - 126*	*10/06/25 10:55*	*10/09/25 03:46*	*1*

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Percent Moisture (EPA Moisture)	1.0	U	1.0	1.0	%			10/09/25 20:18	1
Percent Solids (EPA Moisture)	**99.3**		1.0	1.0	%			10/09/25 20:18	1

Client Sample ID: 1H1_6-7
Date Collected: 10/03/25 15:10
Date Received: 10/03/25 16:15

Lab Sample ID: 460-336467-87
Matrix: Solid
Percent Solids: 99.5

Method: SW846 8260D - Volatile Organic Compounds by GC/MS

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1-Trichloroethane	0.0010	U	0.0010	0.00023	mg/Kg	☼	10/06/25 10:56	10/09/25 04:10	1
1,1,2,2-Tetrachloroethane	0.0010	U	0.0010	0.00052	mg/Kg	☼	10/06/25 10:56	10/09/25 04:10	1
1,1,2-Trichloro-1,2,2-trifluoroethane	0.0010	U	0.0010	0.00030	mg/Kg	☼	10/06/25 10:56	10/09/25 04:10	1
1,1,2-Trichloroethane	0.0010	U	0.0010	0.00060	mg/Kg	☼	10/06/25 10:56	10/09/25 04:10	1
1,1-Dichloroethane	0.0010	U	0.0010	0.00060	mg/Kg	☼	10/06/25 10:56	10/09/25 04:10	1
1,1-Dichloroethene	0.0010	U	0.0010	0.00022	mg/Kg	☼	10/06/25 10:56	10/09/25 04:10	1
1,2,3-Trichlorobenzene	0.0010	U	0.0010	0.00074	mg/Kg	☼	10/06/25 10:56	10/09/25 04:10	1
1,2,4-Trichlorobenzene	0.0010	U	0.0010	0.00036	mg/Kg	☼	10/06/25 10:56	10/09/25 04:10	1
1,2,4-Trimethylbenzene	0.0010	U	0.0010	0.00025	mg/Kg	☼	10/06/25 10:56	10/09/25 04:10	1
1,2-Dibromo-3-Chloropropane	0.0010	U	0.0010	0.00046	mg/Kg	☼	10/06/25 10:56	10/09/25 04:10	1
1,2-Dichlorobenzene	0.0010	U	0.0010	0.00036	mg/Kg	☼	10/06/25 10:56	10/09/25 04:10	1
1,2-Dichloroethane	0.0010	U	0.0010	0.00030	mg/Kg	☼	10/06/25 10:56	10/09/25 04:10	1
1,2-Dichloropropane	0.0010	U	0.0010	0.00042	mg/Kg	☼	10/06/25 10:56	10/09/25 04:10	1
1,3,5-Trimethylbenzene	0.0010	U	0.0010	0.00031	mg/Kg	☼	10/06/25 10:56	10/09/25 04:10	1
1,3-Dichlorobenzene	0.0010	U	0.0010	0.00036	mg/Kg	☼	10/06/25 10:56	10/09/25 04:10	1
1,4-Dichlorobenzene	0.0010	U	0.0010	0.00052	mg/Kg	☼	10/06/25 10:56	10/09/25 04:10	1
2-Butanone (MEK)	0.0050	U	0.0050	0.00037	mg/Kg	☼	10/06/25 10:56	10/09/25 04:10	1
2-Hexanone	0.0050	U	0.0050	0.0017	mg/Kg	☼	10/06/25 10:56	10/09/25 04:10	1
4-Methyl-2-pentanone (MIBK)	0.0050	U	0.0050	0.0015	mg/Kg	☼	10/06/25 10:56	10/09/25 04:10	1
Acetone	**0.024**		0.0060	0.0057	mg/Kg	☼	10/06/25 10:56	10/09/25 04:10	1
Benzene	0.0010	U	0.0010	0.00057	mg/Kg	☼	10/06/25 10:56	10/09/25 04:10	1
Bromoform	0.0010	U	0.0010	0.00042	mg/Kg	☼	10/06/25 10:56	10/09/25 04:10	1
Bromomethane	0.0020	U	0.0020	0.0010	mg/Kg	☼	10/06/25 10:56	10/09/25 04:10	1
Carbon disulfide	0.0010	U	0.0010	0.00027	mg/Kg	☼	10/06/25 10:56	10/09/25 04:10	1
Carbon tetrachloride	0.0010	U	0.0010	0.00039	mg/Kg	☼	10/06/25 10:56	10/09/25 04:10	1
Chlorobenzene	0.0010	U	0.0010	0.00051	mg/Kg	☼	10/06/25 10:56	10/09/25 04:10	1
Chlorobromomethane	0.0010	U	0.0010	0.00059	mg/Kg	☼	10/06/25 10:56	10/09/25 04:10	1
Chlorodibromomethane	0.0010	U	0.0010	0.00054	mg/Kg	☼	10/06/25 10:56	10/09/25 04:10	1
Chloroethane	0.0010	U	0.0010	0.00052	mg/Kg	☼	10/06/25 10:56	10/09/25 04:10	1
Chloroform	0.0010	U	0.0010	0.00097	mg/Kg	☼	10/06/25 10:56	10/09/25 04:10	1
Chloromethane	0.0010	U	0.0010	0.00043	mg/Kg	☼	10/06/25 10:56	10/09/25 04:10	1
cis-1,2-Dichloroethene	0.0010	U	0.0010	0.00036	mg/Kg	☼	10/06/25 10:56	10/09/25 04:10	1
cis-1,3-Dichloropropene	0.0010	U	0.0010	0.00027	mg/Kg	☼	10/06/25 10:56	10/09/25 04:10	1
Cyclohexane	0.0010	U	0.0010	0.00022	mg/Kg	☼	10/06/25 10:56	10/09/25 04:10	1
Dichlorobromomethane	0.0010	U	0.0010	0.00026	mg/Kg	☼	10/06/25 10:56	10/09/25 04:10	1
Dichlorodifluoromethane	0.0010	U	0.0010	0.00034	mg/Kg	☼	10/06/25 10:56	10/09/25 04:10	1
Ethylbenzene	0.0010	U	0.0010	0.00047	mg/Kg	☼	10/06/25 10:56	10/09/25 04:10	1
Ethylene Dibromide	0.0010	U	0.0010	0.00050	mg/Kg	☼	10/06/25 10:56	10/09/25 04:10	1
Isopropylbenzene	0.0010	U	0.0010	0.00028	mg/Kg	☼	10/06/25 10:56	10/09/25 04:10	1
Methyl acetate	0.0050	U	0.0050	0.0043	mg/Kg	☼	10/06/25 10:56	10/09/25 04:10	1
Methyl tert-butyl ether	0.0010	U	0.0010	0.00051	mg/Kg	☼	10/06/25 10:56	10/09/25 04:10	1
Methylcyclohexane	0.0010	U	0.0010	0.00050	mg/Kg	☼	10/06/25 10:56	10/09/25 04:10	1
Methylene Chloride	0.0020	U	0.0020	0.0011	mg/Kg	☼	10/06/25 10:56	10/09/25 04:10	1
m-Xylene & p-Xylene	0.0010	U	0.0010	0.00042	mg/Kg	☼	10/06/25 10:56	10/09/25 04:10	1
n-Butylbenzene	0.0010	U	0.0010	0.00029	mg/Kg	☼	10/06/25 10:56	10/09/25 04:10	1
N-Propylbenzene	0.0010	U	0.0010	0.00045	mg/Kg	☼	10/06/25 10:56	10/09/25 04:10	1
o-Xylene	0.0010	U	0.0010	0.00046	mg/Kg	☼	10/06/25 10:56	10/09/25 04:10	1
sec-Butylbenzene	0.0010	U	0.0010	0.00029	mg/Kg	☼	10/06/25 10:56	10/09/25 04:10	1
Styrene	0.0010	U	0.0010	0.00028	mg/Kg	☼	10/06/25 10:56	10/09/25 04:10	1

Client Sample ID: 1H1_6-7

Lab Sample ID: 460-336467-87

Date Collected: 10/03/25 15:10
Matrix: Solid
Date Received: 10/03/25 16:15
Percent Solids: 99.5

Method: SW846 8260D - Volatile Organic Compounds by GC/MS (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
tert-Butylbenzene	0.0010	U	0.0010	0.00028	mg/Kg	☼	10/06/25 10:56	10/09/25 04:10	1
Tetrachloroethene	0.0010	U	0.0010	0.00030	mg/Kg	☼	10/06/25 10:56	10/09/25 04:10	1
Toluene	0.0010	U	0.0010	0.00023	mg/Kg	☼	10/06/25 10:56	10/09/25 04:10	1
trans-1,2-Dichloroethene	0.0010	U	0.0010	0.00025	mg/Kg	☼	10/06/25 10:56	10/09/25 04:10	1
trans-1,3-Dichloropropene	0.0010	U	0.0010	0.00027	mg/Kg	☼	10/06/25 10:56	10/09/25 04:10	1
Trichloroethene	0.0010	U	0.0010	0.00032	mg/Kg	☼	10/06/25 10:56	10/09/25 04:10	1
Trichlorofluoromethane	0.0010	U	0.0010	0.00040	mg/Kg	☼	10/06/25 10:56	10/09/25 04:10	1
Vinyl chloride	0.0010	U	0.0010	0.00054	mg/Kg	☼	10/06/25 10:56	10/09/25 04:10	1
Xylenes, Total	0.0020	U	0.0020	0.00017	mg/Kg	☼	10/06/25 10:56	10/09/25 04:10	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,2-Dichloroethane-d4 (Surr)	*95*		*65 - 138*	*10/06/25 10:56*	*10/09/25 04:10*	*1*
4-Bromofluorobenzene	*99*		*71 - 128*	*10/06/25 10:56*	*10/09/25 04:10*	*1*
Dibromofluoromethane (Surr)	*96*		*50 - 150*	*10/06/25 10:56*	*10/09/25 04:10*	*1*
Toluene-d8 (Surr)	*101*		*71 - 126*	*10/06/25 10:56*	*10/09/25 04:10*	*1*

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Percent Moisture (EPA Moisture)	1.0	U	1.0	1.0	%			10/09/25 20:18	1
Percent Solids (EPA Moisture)	**99.5**		1.0	1.0	%			10/09/25 20:18	1

Client Sample ID: 1H2_8-9

Lab Sample ID: 460-336467-88

Date Collected: 10/03/25 15:15
Matrix: Solid
Date Received: 10/03/25 16:15
Percent Solids: 99.1

Method: SW846 8260D - Volatile Organic Compounds by GC/MS

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1-Trichloroethane	0.00096	U	0.00096	0.00022	mg/Kg	☼	10/06/25 10:56	10/09/25 04:34	1
1,1,2,2-Tetrachloroethane	0.00096	U	0.00096	0.00050	mg/Kg	☼	10/06/25 10:56	10/09/25 04:34	1
1,1,2-Trichloro-1,2,2-trifluoroethane	0.00096	U	0.00096	0.00029	mg/Kg	☼	10/06/25 10:56	10/09/25 04:34	1
1,1,2-Trichloroethane	0.00096	U	0.00096	0.00058	mg/Kg	☼	10/06/25 10:56	10/09/25 04:34	1
1,1-Dichloroethane	0.00096	U	0.00096	0.00057	mg/Kg	☼	10/06/25 10:56	10/09/25 04:34	1
1,1-Dichloroethene	0.00096	U	0.00096	0.00022	mg/Kg	☼	10/06/25 10:56	10/09/25 04:34	1
1,2,3-Trichlorobenzene	0.00096	U	0.00096	0.00071	mg/Kg	☼	10/06/25 10:56	10/09/25 04:34	1
1,2,4-Trichlorobenzene	0.00096	U	0.00096	0.00034	mg/Kg	☼	10/06/25 10:56	10/09/25 04:34	1
1,2,4-Trimethylbenzene	0.00096	U	0.00096	0.00024	mg/Kg	☼	10/06/25 10:56	10/09/25 04:34	1
1,2-Dibromo-3-Chloropropane	0.00096	U	0.00096	0.00044	mg/Kg	☼	10/06/25 10:56	10/09/25 04:34	1
1,2-Dichlorobenzene	0.00096	U	0.00096	0.00035	mg/Kg	☼	10/06/25 10:56	10/09/25 04:34	1
1,2-Dichloroethane	0.00096	U	0.00096	0.00028	mg/Kg	☼	10/06/25 10:56	10/09/25 04:34	1
1,2-Dichloropropane	0.00096	U	0.00096	0.00041	mg/Kg	☼	10/06/25 10:56	10/09/25 04:34	1
1,3,5-Trimethylbenzene	0.00096	U	0.00096	0.00030	mg/Kg	☼	10/06/25 10:56	10/09/25 04:34	1
1,3-Dichlorobenzene	0.00096	U	0.00096	0.00035	mg/Kg	☼	10/06/25 10:56	10/09/25 04:34	1
1,4-Dichlorobenzene	0.00096	U	0.00096	0.00050	mg/Kg	☼	10/06/25 10:56	10/09/25 04:34	1
2-Butanone (MEK)	0.0048	U	0.0048	0.00035	mg/Kg	☼	10/06/25 10:56	10/09/25 04:34	1
2-Hexanone	0.0048	U	0.0048	0.0016	mg/Kg	☼	10/06/25 10:56	10/09/25 04:34	1
4-Methyl-2-pentanone (MIBK)	0.0048	U	0.0048	0.0015	mg/Kg	☼	10/06/25 10:56	10/09/25 04:34	1
Acetone	0.0058	U	0.0058	0.0055	mg/Kg	☼	10/06/25 10:56	10/09/25 04:34	1
Benzene	0.00096	U	0.00096	0.00054	mg/Kg	☼	10/06/25 10:56	10/09/25 04:34	1
Bromoform	0.00096	U	0.00096	0.00041	mg/Kg	☼	10/06/25 10:56	10/09/25 04:34	1
Bromomethane	0.0019	U	0.0019	0.00096	mg/Kg	☼	10/06/25 10:56	10/09/25 04:34	1

Client: Haley & Aldrich, Inc.
Project/Site: Former Port Mobil

Job ID: 460-336467-1

Client Sample ID: 1H2_8-9
Date Collected: 10/03/25 15:15
Date Received: 10/03/25 16:15

Lab Sample ID: 460-336467-88
Matrix: Solid
Percent Solids: 99.1

Method: SW846 8260D - Volatile Organic Compounds by GC/MS (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Carbon disulfide	0.00096	U	0.00096	0.00026	mg/Kg	☼	10/06/25 10:56	10/09/25 04:34	1
Carbon tetrachloride	0.00096	U	0.00096	0.00037	mg/Kg	☼	10/06/25 10:56	10/09/25 04:34	1
Chlorobenzene	0.00096	U	0.00096	0.00049	mg/Kg	☼	10/06/25 10:56	10/09/25 04:34	1
Chlorobromomethane	0.00096	U	0.00096	0.00057	mg/Kg	☼	10/06/25 10:56	10/09/25 04:34	1
Chlorodibromomethane	0.00096	U	0.00096	0.00052	mg/Kg	☼	10/06/25 10:56	10/09/25 04:34	1
Chloroethane	0.00096	U	0.00096	0.00050	mg/Kg	☼	10/06/25 10:56	10/09/25 04:34	1
Chloroform	0.00096	U	0.00096	0.00093	mg/Kg	☼	10/06/25 10:56	10/09/25 04:34	1
Chloromethane	0.00096	U	0.00096	0.00042	mg/Kg	☼	10/06/25 10:56	10/09/25 04:34	1
cis-1,2-Dichloroethene	0.00096	U	0.00096	0.00034	mg/Kg	☼	10/06/25 10:56	10/09/25 04:34	1
cis-1,3-Dichloropropene	0.00096	U	0.00096	0.00026	mg/Kg	☼	10/06/25 10:56	10/09/25 04:34	1
Cyclohexane	0.00096	U	0.00096	0.00021	mg/Kg	☼	10/06/25 10:56	10/09/25 04:34	1
Dichlorobromomethane	0.00096	U	0.00096	0.00025	mg/Kg	☼	10/06/25 10:56	10/09/25 04:34	1
Dichlorodifluoromethane	0.00096	U	0.00096	0.00032	mg/Kg	☼	10/06/25 10:56	10/09/25 04:34	1
Ethylbenzene	0.00096	U	0.00096	0.00045	mg/Kg	☼	10/06/25 10:56	10/09/25 04:34	1
Ethylene Dibromide	0.00096	U	0.00096	0.00048	mg/Kg	☼	10/06/25 10:56	10/09/25 04:34	1
Isopropylbenzene	0.00096	U	0.00096	0.00027	mg/Kg	☼	10/06/25 10:56	10/09/25 04:34	1
Methyl acetate	0.0048	U	0.0048	0.0041	mg/Kg	☼	10/06/25 10:56	10/09/25 04:34	1
Methyl tert-butyl ether	0.00096	U	0.00096	0.00049	mg/Kg	☼	10/06/25 10:56	10/09/25 04:34	1
Methylcyclohexane	0.00096	U	0.00096	0.00048	mg/Kg	☼	10/06/25 10:56	10/09/25 04:34	1
Methylene Chloride	0.0019	U	0.0019	0.0011	mg/Kg	☼	10/06/25 10:56	10/09/25 04:34	1
m-Xylene & p-Xylene	0.00096	U	0.00096	0.00041	mg/Kg	☼	10/06/25 10:56	10/09/25 04:34	1
n-Butylbenzene	0.00096	U	0.00096	0.00028	mg/Kg	☼	10/06/25 10:56	10/09/25 04:34	1
N-Propylbenzene	0.00096	U	0.00096	0.00043	mg/Kg	☼	10/06/25 10:56	10/09/25 04:34	1
o-Xylene	0.00096	U	0.00096	0.00044	mg/Kg	☼	10/06/25 10:56	10/09/25 04:34	1
sec-Butylbenzene	0.00096	U	0.00096	0.00028	mg/Kg	☼	10/06/25 10:56	10/09/25 04:34	1
Styrene	0.00096	U	0.00096	0.00027	mg/Kg	☼	10/06/25 10:56	10/09/25 04:34	1
tert-Butylbenzene	0.00096	U	0.00096	0.00026	mg/Kg	☼	10/06/25 10:56	10/09/25 04:34	1
Tetrachloroethene	0.00096	U	0.00096	0.00029	mg/Kg	☼	10/06/25 10:56	10/09/25 04:34	1
Toluene	0.00096	U	0.00096	0.00022	mg/Kg	☼	10/06/25 10:56	10/09/25 04:34	1
trans-1,2-Dichloroethene	0.00096	U	0.00096	0.00024	mg/Kg	☼	10/06/25 10:56	10/09/25 04:34	1
trans-1,3-Dichloropropene	0.00096	U	0.00096	0.00026	mg/Kg	☼	10/06/25 10:56	10/09/25 04:34	1
Trichloroethene	0.00096	U	0.00096	0.00031	mg/Kg	☼	10/06/25 10:56	10/09/25 04:34	1
Trichlorofluoromethane	0.00096	U	0.00096	0.00039	mg/Kg	☼	10/06/25 10:56	10/09/25 04:34	1
Vinyl chloride	0.00096	U	0.00096	0.00052	mg/Kg	☼	10/06/25 10:56	10/09/25 04:34	1
Xylenes, Total	0.0019	U	0.0019	0.00017	mg/Kg	☼	10/06/25 10:56	10/09/25 04:34	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,2-Dichloroethane-d4 (Surr)	*94*		*65 - 138*	*10/06/25 10:56*	*10/09/25 04:34*	*1*
4-Bromofluorobenzene	*98*		*71 - 128*	*10/06/25 10:56*	*10/09/25 04:34*	*1*
Dibromofluoromethane (Surr)	*98*		*50 - 150*	*10/06/25 10:56*	*10/09/25 04:34*	*1*
Toluene-d8 (Surr)	*101*		*71 - 126*	*10/06/25 10:56*	*10/09/25 04:34*	*1*

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Percent Moisture (EPA Moisture)	1.0	U	1.0	1.0	%			10/09/25 20:18	1
Percent Solids (EPA Moisture)	**99.1**		1.0	1.0	%			10/09/25 20:18	1

Client Sample ID: 1H3_9-10
Date Collected: 10/03/25 15:20
Date Received: 10/03/25 16:15

Lab Sample ID: 460-336467-89
Matrix: Solid
Percent Solids: 99.5

Method: SW846 8260D - Volatile Organic Compounds by GC/MS

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1-Trichloroethane	0.0011	U	0.0011	0.00025	mg/Kg	☼	10/06/25 10:57	10/09/25 04:59	1
1,1,2,2-Tetrachloroethane	0.0011	U	0.0011	0.00056	mg/Kg	☼	10/06/25 10:57	10/09/25 04:59	1
1,1,2-Trichloro-1,2,2-trifluoroethane	0.0011	U	0.0011	0.00032	mg/Kg	☼	10/06/25 10:57	10/09/25 04:59	1
1,1,2-Trichloroethane	0.0011	U	0.0011	0.00064	mg/Kg	☼	10/06/25 10:57	10/09/25 04:59	1
1,1-Dichloroethane	0.0011	U	0.0011	0.00064	mg/Kg	☼	10/06/25 10:57	10/09/25 04:59	1
1,1-Dichloroethene	0.0011	U	0.0011	0.00024	mg/Kg	☼	10/06/25 10:57	10/09/25 04:59	1
1,2,3-Trichlorobenzene	0.0011	U	0.0011	0.00079	mg/Kg	☼	10/06/25 10:57	10/09/25 04:59	1
1,2,4-Trichlorobenzene	0.0011	U	0.0011	0.00038	mg/Kg	☼	10/06/25 10:57	10/09/25 04:59	1
1,2,4-Trimethylbenzene	0.0011	U	0.0011	0.00026	mg/Kg	☼	10/06/25 10:57	10/09/25 04:59	1
1,2-Dibromo-3-Chloropropane	0.0011	U	0.0011	0.00049	mg/Kg	☼	10/06/25 10:57	10/09/25 04:59	1
1,2-Dichlorobenzene	0.0011	U	0.0011	0.00039	mg/Kg	☼	10/06/25 10:57	10/09/25 04:59	1
1,2-Dichloroethane	0.0011	U	0.0011	0.00032	mg/Kg	☼	10/06/25 10:57	10/09/25 04:59	1
1,2-Dichloropropane	0.0011	U	0.0011	0.00045	mg/Kg	☼	10/06/25 10:57	10/09/25 04:59	1
1,3,5-Trimethylbenzene	0.0011	U	0.0011	0.00034	mg/Kg	☼	10/06/25 10:57	10/09/25 04:59	1
1,3-Dichlorobenzene	0.0011	U	0.0011	0.00039	mg/Kg	☼	10/06/25 10:57	10/09/25 04:59	1
1,4-Dichlorobenzene	0.0011	U	0.0011	0.00056	mg/Kg	☼	10/06/25 10:57	10/09/25 04:59	1
2-Butanone (MEK)	0.0054	U	0.0054	0.00039	mg/Kg	☼	10/06/25 10:57	10/09/25 04:59	1
2-Hexanone	0.0054	U	0.0054	0.0018	mg/Kg	☼	10/06/25 10:57	10/09/25 04:59	1
4-Methyl-2-pentanone (MIBK)	0.0054	U	0.0054	0.0017	mg/Kg	☼	10/06/25 10:57	10/09/25 04:59	1
Acetone	0.0064	U	0.0064	0.0061	mg/Kg	☼	10/06/25 10:57	10/09/25 04:59	1
Benzene	0.0011	U	0.0011	0.00061	mg/Kg	☼	10/06/25 10:57	10/09/25 04:59	1
Bromoform	0.0011	U	0.0011	0.00045	mg/Kg	☼	10/06/25 10:57	10/09/25 04:59	1
Bromomethane	0.0021	U	0.0021	0.0011	mg/Kg	☼	10/06/25 10:57	10/09/25 04:59	1
Carbon disulfide	0.0011	U	0.0011	0.00028	mg/Kg	☼	10/06/25 10:57	10/09/25 04:59	1
Carbon tetrachloride	0.0011	U	0.0011	0.00041	mg/Kg	☼	10/06/25 10:57	10/09/25 04:59	1
Chlorobenzene	0.0011	U	0.0011	0.00054	mg/Kg	☼	10/06/25 10:57	10/09/25 04:59	1
Chlorobromomethane	0.0011	U	0.0011	0.00064	mg/Kg	☼	10/06/25 10:57	10/09/25 04:59	1
Chlorodibromomethane	0.0011	U	0.0011	0.00057	mg/Kg	☼	10/06/25 10:57	10/09/25 04:59	1
Chloroethane	0.0011	U	0.0011	0.00056	mg/Kg	☼	10/06/25 10:57	10/09/25 04:59	1
Chloroform	0.0011	U	0.0011	0.0010	mg/Kg	☼	10/06/25 10:57	10/09/25 04:59	1
Chloromethane	0.0011	U	0.0011	0.00047	mg/Kg	☼	10/06/25 10:57	10/09/25 04:59	1
cis-1,2-Dichloroethene	0.0011	U	0.0011	0.00038	mg/Kg	☼	10/06/25 10:57	10/09/25 04:59	1
cis-1,3-Dichloropropene	0.0011	U	0.0011	0.00029	mg/Kg	☼	10/06/25 10:57	10/09/25 04:59	1
Cyclohexane	0.0011	U	0.0011	0.00024	mg/Kg	☼	10/06/25 10:57	10/09/25 04:59	1
Dichlorobromomethane	0.0011	U	0.0011	0.00028	mg/Kg	☼	10/06/25 10:57	10/09/25 04:59	1
Dichlorodifluoromethane	0.0011	U	0.0011	0.00036	mg/Kg	☼	10/06/25 10:57	10/09/25 04:59	1
Ethylbenzene	0.0011	U	0.0011	0.00050	mg/Kg	☼	10/06/25 10:57	10/09/25 04:59	1
Ethylene Dibromide	0.0011	U	0.0011	0.00054	mg/Kg	☼	10/06/25 10:57	10/09/25 04:59	1
Isopropylbenzene	0.0011	U	0.0011	0.00031	mg/Kg	☼	10/06/25 10:57	10/09/25 04:59	1
Methyl acetate	0.0054	U	0.0054	0.0046	mg/Kg	☼	10/06/25 10:57	10/09/25 04:59	1
Methyl tert-butyl ether	0.0011	U	0.0011	0.00055	mg/Kg	☼	10/06/25 10:57	10/09/25 04:59	1
Methylcyclohexane	0.0011	U	0.0011	0.00053	mg/Kg	☼	10/06/25 10:57	10/09/25 04:59	1
Methylene Chloride	**0.0027**		0.0021	0.0012	mg/Kg	☼	10/06/25 10:57	10/09/25 04:59	1
m-Xylene & p-Xylene	0.0011	U	0.0011	0.00045	mg/Kg	☼	10/06/25 10:57	10/09/25 04:59	1
n-Butylbenzene	0.0011	U	0.0011	0.00031	mg/Kg	☼	10/06/25 10:57	10/09/25 04:59	1
N-Propylbenzene	0.0011	U	0.0011	0.00048	mg/Kg	☼	10/06/25 10:57	10/09/25 04:59	1
o-Xylene	0.0011	U	0.0011	0.00049	mg/Kg	☼	10/06/25 10:57	10/09/25 04:59	1
sec-Butylbenzene	0.0011	U	0.0011	0.00031	mg/Kg	☼	10/06/25 10:57	10/09/25 04:59	1
Styrene	0.0011	U	0.0011	0.00030	mg/Kg	☼	10/06/25 10:57	10/09/25 04:59	1

Client Sample ID: 1H3_9-10

Date Collected: 10/03/25 15:20
Date Received: 10/03/25 16:15

Lab Sample ID: 460-336467-89

Matrix: Solid
Percent Solids: 99.5

Method: SW846 8260D - Volatile Organic Compounds by GC/MS (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
tert-Butylbenzene	0.0011	U	0.0011	0.00030	mg/Kg	☼	10/06/25 10:57	10/09/25 04:59	1
Tetrachloroethene	0.0011	U	0.0011	0.00033	mg/Kg	☼	10/06/25 10:57	10/09/25 04:59	1
Toluene	0.0011	U	0.0011	0.00025	mg/Kg	☼	10/06/25 10:57	10/09/25 04:59	1
trans-1,2-Dichloroethene	0.0011	U	0.0011	0.00026	mg/Kg	☼	10/06/25 10:57	10/09/25 04:59	1
trans-1,3-Dichloropropene	0.0011	U	0.0011	0.00028	mg/Kg	☼	10/06/25 10:57	10/09/25 04:59	1
Trichloroethene	0.0011	U	0.0011	0.00034	mg/Kg	☼	10/06/25 10:57	10/09/25 04:59	1
Trichlorofluoromethane	0.0011	U	0.0011	0.00043	mg/Kg	☼	10/06/25 10:57	10/09/25 04:59	1
Vinyl chloride	0.0011	U	0.0011	0.00058	mg/Kg	☼	10/06/25 10:57	10/09/25 04:59	1
Xylenes, Total	0.0021	U	0.0021	0.00019	mg/Kg	☼	10/06/25 10:57	10/09/25 04:59	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,2-Dichloroethane-d4 (Surr)	*95*		*65 - 138*	*10/06/25 10:57*	*10/09/25 04:59*	*1*
4-Bromofluorobenzene	*94*		*71 - 128*	*10/06/25 10:57*	*10/09/25 04:59*	*1*
Dibromofluoromethane (Surr)	*97*		*50 - 150*	*10/06/25 10:57*	*10/09/25 04:59*	*1*
Toluene-d8 (Surr)	*100*		*71 - 126*	*10/06/25 10:57*	*10/09/25 04:59*	*1*

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Percent Moisture (EPA Moisture)	1.0	U	1.0	1.0	%			10/09/25 20:18	1
Percent Solids (EPA Moisture)	**99.5**		1.0	1.0	%			10/09/25 20:18	1

Client Sample ID: 1H1_11-12

Date Collected: 10/03/25 15:25
Date Received: 10/03/25 16:15

Lab Sample ID: 460-336467-90

Matrix: Solid
Percent Solids: 99.3

Method: SW846 8260D - Volatile Organic Compounds by GC/MS

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1-Trichloroethane	0.0012	U	0.0012	0.00028	mg/Kg	☼	10/06/25 10:57	10/09/25 05:23	1
1,1,2,2-Tetrachloroethane	0.0012	U	0.0012	0.00063	mg/Kg	☼	10/06/25 10:57	10/09/25 05:23	1
1,1,2-Trichloro-1,2,2-trifluoroethane	0.0012	U	0.0012	0.00036	mg/Kg	☼	10/06/25 10:57	10/09/25 05:23	1
1,1,2-Trichloroethane	0.0012	U	0.0012	0.00073	mg/Kg	☼	10/06/25 10:57	10/09/25 05:23	1
1,1-Dichloroethane	0.0012	U	0.0012	0.00072	mg/Kg	☼	10/06/25 10:57	10/09/25 05:23	1
1,1-Dichloroethene	0.0012	U	0.0012	0.00027	mg/Kg	☼	10/06/25 10:57	10/09/25 05:23	1
1,2,3-Trichlorobenzene	0.0012	U	0.0012	0.00089	mg/Kg	☼	10/06/25 10:57	10/09/25 05:23	1
1,2,4-Trichlorobenzene	0.0012	U	0.0012	0.00043	mg/Kg	☼	10/06/25 10:57	10/09/25 05:23	1
1,2,4-Trimethylbenzene	0.0012	U	0.0012	0.00030	mg/Kg	☼	10/06/25 10:57	10/09/25 05:23	1
1,2-Dibromo-3-Chloropropane	0.0012	U	0.0012	0.00056	mg/Kg	☼	10/06/25 10:57	10/09/25 05:23	1
1,2-Dichlorobenzene	0.0012	U	0.0012	0.00044	mg/Kg	☼	10/06/25 10:57	10/09/25 05:23	1
1,2-Dichloroethane	0.0012	U	0.0012	0.00036	mg/Kg	☼	10/06/25 10:57	10/09/25 05:23	1
1,2-Dichloropropane	0.0012	U	0.0012	0.00051	mg/Kg	☼	10/06/25 10:57	10/09/25 05:23	1
1,3,5-Trimethylbenzene	0.0012	U	0.0012	0.00038	mg/Kg	☼	10/06/25 10:57	10/09/25 05:23	1
1,3-Dichlorobenzene	0.0012	U	0.0012	0.00044	mg/Kg	☼	10/06/25 10:57	10/09/25 05:23	1
1,4-Dichlorobenzene	0.0012	U	0.0012	0.00063	mg/Kg	☼	10/06/25 10:57	10/09/25 05:23	1
2-Butanone (MEK)	0.0061	U	0.0061	0.00045	mg/Kg	☼	10/06/25 10:57	10/09/25 05:23	1
2-Hexanone	0.0061	U	0.0061	0.0021	mg/Kg	☼	10/06/25 10:57	10/09/25 05:23	1
4-Methyl-2-pentanone (MIBK)	0.0061	U	0.0061	0.0019	mg/Kg	☼	10/06/25 10:57	10/09/25 05:23	1
Acetone	**0.083**		0.0073	0.0069	mg/Kg	☼	10/06/25 10:57	10/09/25 05:23	1
Benzene	0.0012	U	0.0012	0.00069	mg/Kg	☼	10/06/25 10:57	10/09/25 05:23	1
Bromoform	0.0012	U	0.0012	0.00051	mg/Kg	☼	10/06/25 10:57	10/09/25 05:23	1
Bromomethane	0.0024	U	0.0024	0.0012	mg/Kg	☼	10/06/25 10:57	10/09/25 05:23	1

Client Sample ID: 1H1_11-12
Date Collected: 10/03/25 15:25
Date Received: 10/03/25 16:15

Lab Sample ID: 460-336467-90
Matrix: Solid
Percent Solids: 99.3

Method: SW846 8260D - Volatile Organic Compounds by GC/MS (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Carbon disulfide	0.0012	U	0.0012	0.00032	mg/Kg	☼	10/06/25 10:57	10/09/25 05:23	1
Carbon tetrachloride	0.0012	U	0.0012	0.00047	mg/Kg	☼	10/06/25 10:57	10/09/25 05:23	1
Chlorobenzene	0.0012	U	0.0012	0.00061	mg/Kg	☼	10/06/25 10:57	10/09/25 05:23	1
Chlorobromomethane	0.0012	U	0.0012	0.00072	mg/Kg	☼	10/06/25 10:57	10/09/25 05:23	1
Chlorodibromomethane	0.0012	U	0.0012	0.00065	mg/Kg	☼	10/06/25 10:57	10/09/25 05:23	1
Chloroethane	0.0012	U	0.0012	0.00063	mg/Kg	☼	10/06/25 10:57	10/09/25 05:23	1
Chloroform	0.0012	U	0.0012	0.0012	mg/Kg	☼	10/06/25 10:57	10/09/25 05:23	1
Chloromethane	0.0012	U	0.0012	0.00053	mg/Kg	☼	10/06/25 10:57	10/09/25 05:23	1
cis-1,2-Dichloroethene	0.0012	U	0.0012	0.00043	mg/Kg	☼	10/06/25 10:57	10/09/25 05:23	1
cis-1,3-Dichloropropene	0.0012	U	0.0012	0.00033	mg/Kg	☼	10/06/25 10:57	10/09/25 05:23	1
Cyclohexane	0.0012	U	0.0012	0.00027	mg/Kg	☼	10/06/25 10:57	10/09/25 05:23	1
Dichlorobromomethane	0.0012	U	0.0012	0.00031	mg/Kg	☼	10/06/25 10:57	10/09/25 05:23	1
Dichlorodifluoromethane	0.0012	U	0.0012	0.00041	mg/Kg	☼	10/06/25 10:57	10/09/25 05:23	1
Ethylbenzene	0.0012	U	0.0012	0.00057	mg/Kg	☼	10/06/25 10:57	10/09/25 05:23	1
Ethylene Dibromide	0.0012	U	0.0012	0.00061	mg/Kg	☼	10/06/25 10:57	10/09/25 05:23	1
Isopropylbenzene	0.0012	U	0.0012	0.00035	mg/Kg	☼	10/06/25 10:57	10/09/25 05:23	1
Methyl acetate	0.0061	U	0.0061	0.0052	mg/Kg	☼	10/06/25 10:57	10/09/25 05:23	1
Methyl tert-butyl ether	0.0012	U	0.0012	0.00062	mg/Kg	☼	10/06/25 10:57	10/09/25 05:23	1
Methylcyclohexane	0.0012	U	0.0012	0.00060	mg/Kg	☼	10/06/25 10:57	10/09/25 05:23	1
Methylene Chloride	0.0024	U	0.0024	0.0014	mg/Kg	☼	10/06/25 10:57	10/09/25 05:23	1
m-Xylene & p-Xylene	0.0012	U	0.0012	0.00051	mg/Kg	☼	10/06/25 10:57	10/09/25 05:23	1
n-Butylbenzene	0.0012	U	0.0012	0.00036	mg/Kg	☼	10/06/25 10:57	10/09/25 05:23	1
N-Propylbenzene	0.0012	U	0.0012	0.00054	mg/Kg	☼	10/06/25 10:57	10/09/25 05:23	1
o-Xylene	0.0012	U	0.0012	0.00056	mg/Kg	☼	10/06/25 10:57	10/09/25 05:23	1
sec-Butylbenzene	0.0012	U	0.0012	0.00035	mg/Kg	☼	10/06/25 10:57	10/09/25 05:23	1
Styrene	0.0012	U	0.0012	0.00034	mg/Kg	☼	10/06/25 10:57	10/09/25 05:23	1
tert-Butylbenzene	0.0012	U	0.0012	0.00033	mg/Kg	☼	10/06/25 10:57	10/09/25 05:23	1
Tetrachloroethene	0.0012	U	0.0012	0.00037	mg/Kg	☼	10/06/25 10:57	10/09/25 05:23	1
Toluene	**0.00050**	**J**	0.0012	0.00028	mg/Kg	☼	10/06/25 10:57	10/09/25 05:23	1
trans-1,2-Dichloroethene	0.0012	U	0.0012	0.00030	mg/Kg	☼	10/06/25 10:57	10/09/25 05:23	1
trans-1,3-Dichloropropene	0.0012	U	0.0012	0.00032	mg/Kg	☼	10/06/25 10:57	10/09/25 05:23	1
Trichloroethene	0.0012	U	0.0012	0.00039	mg/Kg	☼	10/06/25 10:57	10/09/25 05:23	1
Trichlorofluoromethane	0.0012	U	0.0012	0.00049	mg/Kg	☼	10/06/25 10:57	10/09/25 05:23	1
Vinyl chloride	0.0012	U	0.0012	0.00066	mg/Kg	☼	10/06/25 10:57	10/09/25 05:23	1
Xylenes, Total	0.0024	U	0.0024	0.00021	mg/Kg	☼	10/06/25 10:57	10/09/25 05:23	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,2-Dichloroethane-d4 (Surr)	*97*		*65 - 138*	*10/06/25 10:57*	*10/09/25 05:23*	*1*
4-Bromofluorobenzene	*96*		*71 - 128*	*10/06/25 10:57*	*10/09/25 05:23*	*1*
Dibromofluoromethane (Surr)	*99*		*50 - 150*	*10/06/25 10:57*	*10/09/25 05:23*	*1*
Toluene-d8 (Surr)	*101*		*71 - 126*	*10/06/25 10:57*	*10/09/25 05:23*	*1*

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Percent Moisture (EPA Moisture)	1.0	U	1.0	1.0	%			10/09/25 20:18	1
Percent Solids (EPA Moisture)	**99.3**		1.0	1.0	%			10/09/25 20:18	1

Surrogate Summary

Client: Haley & Aldrich, Inc.
Project/Site: Former Port Mobil

Job ID: 460-336467-1

Method: 8260D - Volatile Organic Compounds by GC/MS

Matrix: Solid

Prep Type: Total/NA

		Percent Surrogate Recovery (Acceptance Limits)			
Lab Sample ID	Client Sample ID	DCA (65-138)	BFB (71-128)	DBFM (50-150)	TOL (71-126)
460-336467-21	2A1_1-2	92	99	98	101
460-336467-22	2A2_3-4	93	105	99	102
460-336467-23	2A3_4-5	90	95	99	100
460-336467-24	2A1_6-7	93	108	98	102
460-336467-25	2A2_8-9	94	99	98	101
460-336467-26	2A3_10-11	90	95	97	101
460-336467-27	2A1_11-12	92	98	98	100
460-336467-28	2B1_1-2	91	96	97	101
460-336467-29	2B2_2-3	91	95	98	100
460-336467-30	2B3_4-5	91	95	98	100
460-336467-31	2B1_6-7	91	98	97	100
460-336467-32	2B2_8-9	92	94	100	99
460-336467-33	2B3_9-10	93	92	96	99
460-336467-34	2B1_10-11	91	98	97	101
460-336467-35	1A1_1-2	91	96	99	101
460-336467-36	1A2_3-4	92	94	98	100
460-336467-37	1A3_4-5	96	96	97	101
460-336467-38	1A1_6-7	97	97	99	101
460-336467-39	1A2_8-9	98	100	99	103
460-336467-40	1A3_10-11	113	100	122	94
460-336467-41	1A1_12-13	113	97	121	95
460-336467-42	1B1_1-2	107	99	113	95
460-336467-43	1B2_3-4	95	94	99	101
460-336467-44	1B3_4-5	98	99	100	102
460-336467-45	1B1_6-7	96	98	99	102
460-336467-46	1B2_8-9	96	103	100	104
460-336467-47	1B3_9-10	96	97	99	101
460-336467-48	1B1_10-11	96	94	99	100
460-336467-49	1C1_2-3	98	95	99	101
460-336467-50	1C2_3-4	94	94	96	101
460-336467-51	1C3_5-6	95	93	99	101
460-336467-52	1C1_6-7	99	103	101	104
460-336467-53	1C2_8-9	95	93	98	100
460-336467-54	1C3_10-11	93	96	97	100
460-336467-55	1C1_11-12	94	96	98	101
460-336467-56	1D1_1-2	94	93	97	100
460-336467-57	1D2_2-3	94	96	99	101
460-336467-58	1D3_4-5	94	98	98	101
460-336467-59	1D1_6-7	93	97	97	100
460-336467-60	1D2_7-8	92	94	96	100
460-336467-61	1D3_9-10	94	97	98	101
460-336467-62	1D1_13-14	93	93	97	100
460-336467-63	1E1_1-2	110	99	118	96
460-336467-64	1E2_3-4	111	103	118	97
460-336467-65	1E3_4-5	109	99	117	94
460-336467-66	1E1_6-7	112	100	117	95
460-336467-67	1E2_8-9	111	102	117	97
460-336467-68	1E3_10-11	109	99	117	94
460-336467-69	1E2_13-14	115	98	123	96

Surrogate Summary

Client: Haley & Aldrich, Inc.
Project/Site: Former Port Mobil

Job ID: 460-336467-1

Method: 8260D - Volatile Organic Compounds by GC/MS (Continued)

Matrix: Solid

Prep Type: Total/NA

		Percent Surrogate Recovery (Acceptance Limits)			
		DCA	BFB	DBFM	TOL
Lab Sample ID	Client Sample ID	(65-138)	(71-128)	(50-150)	(71-126)
460-336467-70	1F1_2-3	111	99	118	95
460-336467-71	1F2_4-5	111	102	119	96
460-336467-72	1F3_5-6	112	99	119	95
460-336467-73	1F1_7-8	112	99	120	96
460-336467-74	1F2_8-9	111	99	120	95
460-336467-75	1F3_10-11	109	99	116	95
460-336467-76	1F1_12-13	111	100	116	93
460-336467-77	1G1_1-2	116	100	120	94
460-336467-78	1G2_2-3	110	101	117	95
460-336467-79	1G3_4-5	113	99	120	95
460-336467-80	1G1_5-6	113	101	121	95
460-336467-81	1G2_8-9	109	99	118	96
460-336467-82	1G3_9-10	115	100	121	95
460-336467-83	1G2_12-13	94	94	97	100
460-336467-84	1H1_1-2	95	98	99	102
460-336467-85	1H2_3-4	93	95	97	100
460-336467-86	1H3_4-5	94	95	98	100
460-336467-87	1H1_6-7	95	99	96	101
460-336467-88	1H2_8-9	94	98	98	101
460-336467-89	1H3_9-10	95	94	97	100
460-336467-90	1H1_11-12	97	96	99	101
LCS 460-1066311/3	Lab Control Sample	88	95	91	100
LCS 460-1066538/2	Lab Control Sample	87	95	92	99
LCS 460-1066542/3	Lab Control Sample	99	101	100	98
LCS 460-1066601/3	Lab Control Sample	86	96	92	99
LCS 460-1066734/3	Lab Control Sample	96	101	96	97
LCS 460-1067096/3	Lab Control Sample	84	96	92	98
LCSD 460-1066311/4	Lab Control Sample Dup	89	96	93	99
LCSD 460-1066538/4	Lab Control Sample Dup	88	95	93	99
LCSD 460-1066542/4	Lab Control Sample Dup	96	100	97	98
LCSD 460-1066601/4	Lab Control Sample Dup	85	96	91	98
LCSD 460-1066734/4	Lab Control Sample Dup	97	100	99	100
LCSD 460-1067096/4	Lab Control Sample Dup	83	96	92	98
MB 460-1066311/7	Method Blank	96	93	98	101
MB 460-1066538/7	Method Blank	95	92	98	100
MB 460-1066542/7	Method Blank	106	97	117	96
MB 460-1066601/7	Method Blank	92	92	99	100
MB 460-1066734/7	Method Blank	108	95	117	95
MB 460-1067096/7	Method Blank	90	92	97	100

Surrogate Legend

DCA = 1,2-Dichloroethane-d4 (Surr)
BFB = 4-Bromofluorobenzene
DBFM = Dibromofluoromethane (Surr)
TOL = Toluene-d8 (Surr)

Surrogate Summary

Client: Haley & Aldrich, Inc.
Project/Site: Former Port Mobil

Job ID: 460-336467-1

Method: 8270E - Semivolatile Organic Compounds (GC/MS)

Matrix: Solid

Prep Type: Total/NA

		Percent Surrogate Recovery (Acceptance Limits)					
		TBP	FBP	2FP	NBZ	PHL	TPHL
Lab Sample ID	Client Sample ID	(18-137)	(33-117)	(24-120)	(27-120)	(28-118)	(33-124)
460-336467-1	2A_0-6	58	56	53	48	50	57
460-336467-1 MS	2A_0-6	71	69	66	58	63	72
460-336467-1 MSD	2A_0-6	65	60	59	54	54	67
460-336467-2	2A_6-12	63	61	59	53	56	63
460-336467-3	2B_0-6	70	67	68	61	63	71
460-336467-4	2B_6-12	74	72	72	63	65	74
460-336467-5	1A_0-7	75	70	68	63	64	74
460-336467-6	1A_7-14	77	75	76	69	71	78
460-336467-7	1B_0-7	73	70	70	65	65	74
460-336467-8	1B_7-14	75	73	72	65	67	77
460-336467-9	1C_0-7	68	65	64	59	59	68
460-336467-10	1C_7-14	68	66	65	59	60	70
460-336467-11	1D_0-7	75	71	72	64	67	77
460-336467-12	1D_7-14	68	67	68	62	63	71
460-336467-13	1E_0-7	69	70	68	64	64	73
460-336467-14	1E_7-14	67	68	68	61	63	71
460-336467-15	1F_0-7	70	67	68	61	62	72
460-336467-16	1F_7-14	68	64	63	57	60	67
460-336467-17	1G_0-7	66	70	69	62	65	76
460-336467-18	1G_7-14	70	68	69	62	64	74
460-336467-19	1H_0-7	76	72	71	64	67	76
460-336467-20	1H_7-14	72	69	67	59	63	73
LCS 460-1066372/2-A	Lab Control Sample	83	77	80	73	76	81
LCSD 460-1066372/3-A	Lab Control Sample Dup	85	78	81	74	76	81
MB 460-1066372/1-A	Method Blank	77	73	73	66	70	74

Surrogate Legend

TBP = 2,4,6-Tribromophenol (Surr)
FBP = 2-Fluorobiphenyl
2FP = 2-Fluorophenol (Surr)
NBZ = Nitrobenzene-d5 (Surr)
PHL = Phenol-d5 (Surr)
TPHL = Terphenyl-d14 (Surr)

Method: 8081B - Organochlorine Pesticides (GC)

Matrix: Solid

Prep Type: Total/NA

		Percent Surrogate Recovery (Acceptance Limits)			
		DCBP1	DCBP2	TCX1	TCX2
Lab Sample ID	Client Sample ID	(10-150)	(10-150)	(14-150)	(14-150)
460-336467-1	2A_0-6	30	30	49	58
460-336467-1 MS	2A_0-6	51	38	61	63
460-336467-1 MSD	2A_0-6	36	38	55	59
460-336467-2	2A_6-12	50	73	70	77
460-336467-3	2B_0-6	49	49	62	62
460-336467-4	2B_6-12	51	49	76	75
460-336467-5	1A_0-7	44	43	66	72
460-336467-6	1A_7-14	39	39	60	66
460-336467-7	1B_0-7	43	47	69	71
460-336467-8	1B_7-14	42	57	61	61
460-336467-9	1C_0-7	45	50	70	69

Method: 8081B - Organochlorine Pesticides (GC) (Continued)

Matrix: Solid

Prep Type: Total/NA

		Percent Surrogate Recovery (Acceptance Limits)			
Lab Sample ID	Client Sample ID	DCBP1 (10-150)	DCBP2 (10-150)	TCX1 (14-150)	TCX2 (14-150)
460-336467-10	1C_7-14	47	45	69	70
460-336467-11	1D_0-7	46	61	78	79
460-336467-12	1D_7-14	49	73	76	87
460-336467-13	1E_0-7	46	49	73	71
460-336467-14	1E_7-14	49	51	77	84
460-336467-15	1F_0-7	48	49	72	76
460-336467-16	1F_7-14	53	50	74	72
460-336467-17	1G_0-7	46	47	72	76
460-336467-18	1G_7-14	45	49	67	71
460-336467-19	1H_0-7	35	46	54	52
460-336467-20	1H_7-14	39	55	61	71
LCS 460-1066251/2-A	Lab Control Sample	50	44	72	66
LCSD 460-1066251/3-A	Lab Control Sample Dup	46	43	70	70
MB 460-1066251/1-A	Method Blank	56	53	79	82

Surrogate Legend

DCBP = DCB Decachlorobiphenyl

TCX = Tetrachloro-m-xylene

Method: 8082A - Polychlorinated Biphenyls (PCBs) by Gas Chromatography

Matrix: Solid

Prep Type: Total/NA

		Percent Surrogate Recovery (Acceptance Limits)			
Lab Sample ID	Client Sample ID	DCBP1 (10-150)	DCBP2 (10-150)	TCX1 (10-150)	TCX2 (10-150)
460-336467-1	2A_0-6	34	35	73	71
460-336467-1 MS	2A_0-6	50	50	97	93
460-336467-1 MSD	2A_0-6	57	60	113	108
460-336467-2	2A_6-12	68	71	135	127
460-336467-3	2B_0-6	56	54	108	99
460-336467-4	2B_6-12	73	72	149	141
460-336467-5	1A_0-7	59	61	120	115
460-336467-6	1A_7-14	64	63	118	114
460-336467-7	1B_0-7	66	63	127	119
460-336467-8	1B_7-14	59	59	120	116
460-336467-9	1C_0-7	68	69	140	134
460-336467-10	1C_7-14	63	63	123	119
460-336467-11	1D_0-7	72	74	147	142
460-336467-12	1D_7-14	66	66	135	128
460-336467-13	1E_0-7	68	69	134	130
460-336467-14	1E_7-14	77	74	146	142
460-336467-15	1F_0-7	69	67	130	125
460-336467-16	1F_7-14	73	72	142	137
460-336467-17	1G_0-7	73	71	139	133
460-336467-18	1G_7-14	64	62	122	119
460-336467-19	1H_0-7	54	53	104	101
460-336467-20	1H_7-14	62	63	119	116
LCS 460-1066250/2-A	Lab Control Sample	55	51	101	97
LCSD 460-1066250/3-A	Lab Control Sample Dup	51	47	95	91
MB 460-1066250/1-A	Method Blank	59	55	112	108

Surrogate Summary

Client: Haley & Aldrich, Inc.
Project/Site: Former Port Mobil

Job ID: 460-336467-1

Surrogate Legend

DCBP = DCB Decachlorobiphenyl
TCX = Tetrachloro-m-xylene

Isotope Dilution Summary

Client: Haley & Aldrich, Inc.
Project/Site: Former Port Mobil

Job ID: 460-336467-1

Method: 1633A - Per- and Polyfluoroalkyl Substances by LC/MS/MS, 1633A

Matrix: Solid **Prep Type: Total/NA**

		Percent Isotope Dilution Recovery (Acceptance Limits)							
Lab Sample ID	Client Sample ID	PFBA (8-130)	PFPeA (35-130)	13C5PHA (40-130)	C4PFHA (40-130)	C8PFOA (40-130)	C9PFNA (40-130)	C6PFDA (40-130)	13C7PUA (40-130)
460-336467-1	2A_0-6	106	92.6	96.4	100	97.4	96.6	86.7	94.4
460-336467-2	2A_6-12	86.2	75.6	75.7	81.7	78.6	79.2	77.1	87.2
460-336467-3	2B_0-6	127	112	114	120	119	116	106	114
460-336467-4	2B_6-12	119	108	108	115	106	112	104	112
460-336467-5	1A_0-7	104	95.5	96.3	102	92.4	101	95.1	103
460-336467-6	1A_7-14	70.8	62.9	65.6	73.5	69.0	75.2	71.7	80.3
460-336467-7	1B_0-7	122	107	108	114	106	104	99.9	110
460-336467-8	1B_7-14	113	101	99.5	111	104	105	96.1	104
460-336467-9	1C_0-7	106	92.0	94.3	102	97.5	106	93.8	103
460-336467-10	1C_7-14	103	91.6	90.8	98.7	96.9	96.2	94.8	103
460-336467-11	1D_0-7	134 *	119	123	126	132 *	120	124	134 *
460-336467-12	1D_7-14	107	93.0	96.5	99.2	97.8	91.4	92.9	100
460-336467-13	1E_0-7	140 *	128	129	137 *	119	126	122	121
460-336467-14	1E_7-14	118	104	107	109	111	110	105	113
460-336467-15	1F_0-7	109	101	99.2	108	96.4	93.5	90.7	85.7
460-336467-16	1F_7-14	104	91.3	86.9	92.5	93.6	87.3	79.4	78.0
460-336467-17	1G_0-7	93.8	86.1	84.5	90.5	89.1	92.6	81.1	85.2
460-336467-18	1G_7-14	99.6	91.1	92.6	97.1	96.4	91.9	86.2	85.5
460-336467-19	1H_0-7	116	106	104	108	98.6	98.9	92.2	89.7
460-336467-20	1H_7-14	101	92.8	90.2	96.4	95.4	89.5	96.8	92.4
LCS 410-710918/2-A	Lab Control Sample	119	104	105	115	108	111	102	107
LCS 410-710924/2-A	Lab Control Sample	110	102	99.7	108	101	99.8	96.7	102
LCSD 410-710918/3-A	Lab Control Sample Dup	106	95.7	95.7	103	98.9	101	97.8	97.0
LCSD 410-710924/3-A	Lab Control Sample Dup	103	94.9	92.9	99.1	95.4	89.1	87.4	88.7
LLCS 410-710918/4-A	Lab Control Sample	119	105	107	113	107	106	107	104
LLCS 410-710924/4-A	Lab Control Sample	92.3	78.4	75.1	80.6	75.8	68.3	64.6	68.7
MB 410-710918/1-A	Method Blank	89.0	79.9	81.9	84.8	78.7	79.3	74.9	83.0
MB 410-710924/1-A	Method Blank	93.9	86.4	85.4	91.1	86.8	90.0	89.2	95.2

		Percent Isotope Dilution Recovery (Acceptance Limits)							
Lab Sample ID	Client Sample ID	PFTDA (20-130)	C3PFBS (40-135)	C3PFHS (40-130)	C8PFOS (40-130)	PFOSA (40-130)	d3NMFOS (40-135)	d5NEFOS (40-150)	M242FTS (40-165)
460-336467-1	2A_0-6	66.9	104	93.3	84.5	74.7	68.1	99.2	100
460-336467-2	2A_6-12	74.3	79.0	73.0	70.0	63.3	62.3	72.1	79.7
460-336467-3	2B_0-6	98.1	117	110	98.8	89.5	84.0	105	119
460-336467-4	2B_6-12	82.4	112	103	94.1	86.8	82.0	92.7	106
460-336467-5	1A_0-7	82.0	97.8	88.2	81.8	75.9	70.0	94.0	90.8
460-336467-6	1A_7-14	70.4	67.5	68.3	63.5	57.5	64.1	75.8	67.5
460-336467-7	1B_0-7	95.1	118	109	95.4	87.0	84.7	100	109
460-336467-8	1B_7-14	61.7	111	99.7	93.4	84.0	75.9	80.4	119
460-336467-9	1C_0-7	86.8	100	92.7	88.4	80.8	75.7	99.4	101
460-336467-10	1C_7-14	85.3	96.1	90.3	85.1	82.7	78.0	85.8	131
460-336467-11	1D_0-7	105	127	117	106	95.9	91.7	118	125
460-336467-12	1D_7-14	81.2	104	92.0	85.2	77.7	69.2	86.1	87.3
460-336467-13	1E_0-7	79.2	134	122	110	98.2	87.3	97.6	129
460-336467-14	1E_7-14	74.0	117	103	96.2	87.8	79.3	91.2	99.2
460-336467-15	1F_0-7	51.0	103	92.9	83.5	76.2	57.8	78.6	95.4
460-336467-16	1F_7-14	45.4	99.8	87.4	72.2	68.2	54.8	66.9	91.7
460-336467-17	1G_0-7	68.6	90.0	85.8	79.7	71.2	58.3	75.4	99.2
460-336467-18	1G_7-14	65.3	92.8	89.8	80.7	74.8	54.6	69.6	92.3

Method: 1633A - Per- and Polyfluoroalkyl Substances by LC/MS/MS, 1633A (Continued)

Matrix: Solid **Prep Type: Total/NA**

		Percent Isotope Dilution Recovery (Acceptance Limits)							
Lab Sample ID	Client Sample ID	PFTDA (20-130)	C3PFBS (40-135)	C3PFHS (40-130)	C8PFOS (40-130)	PFOSA (40-130)	d3NMFOS (40-135)	d5NEFOS (40-150)	M242FTS (40-165)
460-336467-19	1H_0-7	61.7	114	98.3	88.0	79.3	55.9	75.5	115
460-336467-20	1H_7-14	78.9	97.6	94.1	85.2	78.9	65.4	89.9	130
LCS 410-710918/2-A	Lab Control Sample	102	116	108	99.6	89.3	84.5	115	106
LCS 410-710924/2-A	Lab Control Sample	90.8	107	101	96.2	85.8	68.1	106	97.9
LCSD 410-710918/3-A	Lab Control Sample Dup	87.9	101	95.4	87.9	77.9	71.2	95.9	96.1
LCSD 410-710924/3-A	Lab Control Sample Dup	71.3	104	92.1	85.5	76.5	58.5	85.4	86.1
LLCS 410-710918/4-A	Lab Control Sample	95.1	115	106	99.2	86.1	80.4	100	108
LLCS 410-710924/4-A	Lab Control Sample	58.4	79.1	71.6	59.9	56.0	44.0	66.6	72.5
MB 410-710918/1-A	Method Blank	69.1	84.8	76.8	71.7	64.2	61.0	98.9	76.4
MB 410-710924/1-A	Method Blank	80.8	92.4	87.4	82.4	75.1	60.6	96.9	77.3

		Percent Isotope Dilution Recovery (Acceptance Limits)							
Lab Sample ID	Client Sample ID	M262FTS (40-215)	M282FTS (40-275)	HFPODA (40-130)	NMFM (20-130)	NEFM (15-130)	d5NPFSA (10-130)	d3NMFSA (10-130)	PFDoA (40-130)
460-336467-1	2A_0-6	91.7	78.9	102	63.5	50.3	60.2	70.8	94.0
460-336467-2	2A_6-12	73.1	65.9	82.0	59.9	47.7	58.5	63.5	88.3
460-336467-3	2B_0-6	108	93.9	119	69.4	56.4	81.4	92.5	105
460-336467-4	2B_6-12	101	88.4	115	66.3	51.2	76.5	84.5	99.1
460-336467-5	1A_0-7	85.0	77.3	99.3	55.8	44.4	66.2	75.3	89.4
460-336467-6	1A_7-14	67.7	63.0	67.3	61.7	53.5	55.9	59.0	74.0
460-336467-7	1B_0-7	104	93.2	105	82.1	68.7	75.4	84.2	106
460-336467-8	1B_7-14	107	100	97.5	71.4	61.2	67.0	79.2	94.0
460-336467-9	1C_0-7	95.9	85.2	99.0	70.8	56.7	70.5	79.4	104
460-336467-10	1C_7-14	121	104	93.2	72.4	57.5	72.8	77.6	92.7
460-336467-11	1D_0-7	108	98.8	123	82.3	69.6	82.8	91.5	124
460-336467-12	1D_7-14	80.3	72.7	102	65.7	50.5	65.4	73.1	92.6
460-336467-13	1E_0-7	113	95.7	132 *	54.9	45.0	73.9	87.9	103
460-336467-14	1E_7-14	95.5	87.3	98.7	71.8	60.2	70.6	82.5	102
460-336467-15	1F_0-7	81.5	66.7	101	51.5	37.6	52.1	59.3	78.4
460-336467-16	1F_7-14	76.6	58.7	90.8	37.3	30.4	47.3	52.8	74.5
460-336467-17	1G_0-7	80.7	74.1	85.8	48.0	44.7	56.7	59.7	80.8
460-336467-18	1G_7-14	88.5	63.8	87.6	50.5	41.3	53.9	60.4	84.0
460-336467-19	1H_0-7	96.6	74.0	107	41.0	33.6	56.2	64.9	77.8
460-336467-20	1H_7-14	123	93.4	88.8	47.0	39.3	65.6	70.1	87.5
LCS 410-710918/2-A	Lab Control Sample	98.5	83.7	112	79.4	65.2	70.8	80.4	112
LCS 410-710924/2-A	Lab Control Sample	87.6	75.4	106	65.2	53.3	60.1	69.9	98.6
LCSD 410-710918/3-A	Lab Control Sample Dup	87.3	75.1	103	74.0	60.8	62.5	70.6	101
LCSD 410-710924/3-A	Lab Control Sample Dup	81.8	68.3	97.9	51.4	42.5	53.1	60.3	85.1
LLCS 410-710918/4-A	Lab Control Sample	99.3	85.2	115	73.3	65.6	64.4	73.1	107
LLCS 410-710924/4-A	Lab Control Sample	63.2	51.4	82.0	37.6	33.4	38.6	43.9	65.8
MB 410-710918/1-A	Method Blank	68.7	60.8	86.6	47.2	38.4	51.0	56.9	78.3
MB 410-710924/1-A	Method Blank	77.3	68.3	85.9	64.9	55.8	55.9	60.2	90.0

Surrogate Legend

PFBA = 13C4 PFBA
PFPeA = 13C5 PFPeA
13C5PHA = 13C5 PFHxA
C4PFHA = 13C4 PFHpA
C8PFOA = 13C8 PFOA
C9PFNA = 13C9 PFNA
C6PFDA = 13C6 PFDA

Isotope Dilution Summary

Client: Haley & Aldrich, Inc.
Project/Site: Former Port Mobil

Job ID: 460-336467-1

13C7PUA = 13C7 PFUnA
PFTDA = 13C2 PFTeDA
C3PFBS = 13C3 PFBS
C3PFHS = 13C3 PFHxS
C8PFOS = 13C8 PFOS
PFOSA = 13C8 FOSA
d3NMFOS = d3-NMeFOSAA
d5NEFOS = d5-NEtFOSAA
M242FTS = 13C2 4:2 FTS
M262FTS = 13C2 6:2 FTS
M282FTS = 13C2 8:2 FTS
HFPODA = 13C3 HFPO-DA
NMFM = d7-N-MeFOSE-M
NEFM = d9-N-EtFOSE-M
d5NPFSA = d5-NEtPFOSA
d3NMFSA = d3-NMePFOSA
PFDoA = 13C2 PFDoA

Method: 8260D - Volatile Organic Compounds by GC/MS

Lab Sample ID: MB 460-1066311/7
Matrix: Solid
Analysis Batch: 1066311

Client Sample ID: Method Blank
Prep Type: Total/NA

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1-Trichloroethane	0.0010	U	0.0010	0.00023	mg/Kg			10/07/25 21:35	1
1,1,2,2-Tetrachloroethane	0.0010	U	0.0010	0.00052	mg/Kg			10/07/25 21:35	1
1,1,2-Trichloro-1,2,2-trifluoroethane	0.0010	U	0.0010	0.00030	mg/Kg			10/07/25 21:35	1
1,1,2-Trichloroethane	0.0010	U	0.0010	0.00060	mg/Kg			10/07/25 21:35	1
1,1-Dichloroethane	0.0010	U	0.0010	0.00060	mg/Kg			10/07/25 21:35	1
1,1-Dichloroethene	0.0010	U	0.0010	0.00023	mg/Kg			10/07/25 21:35	1
1,2,3-Trichlorobenzene	0.0010	U	0.0010	0.00074	mg/Kg			10/07/25 21:35	1
1,2,4-Trichlorobenzene	0.0010	U	0.0010	0.00036	mg/Kg			10/07/25 21:35	1
1,2,4-Trimethylbenzene	0.0010	U	0.0010	0.00025	mg/Kg			10/07/25 21:35	1
1,2-Dibromo-3-Chloropropane	0.0010	U	0.0010	0.00046	mg/Kg			10/07/25 21:35	1
1,2-Dichlorobenzene	0.0010	U	0.0010	0.00036	mg/Kg			10/07/25 21:35	1
1,2-Dichloroethane	0.0010	U	0.0010	0.00030	mg/Kg			10/07/25 21:35	1
1,2-Dichloropropane	0.0010	U	0.0010	0.00042	mg/Kg			10/07/25 21:35	1
1,3,5-Trimethylbenzene	0.0010	U	0.0010	0.00031	mg/Kg			10/07/25 21:35	1
1,3-Dichlorobenzene	0.0010	U	0.0010	0.00037	mg/Kg			10/07/25 21:35	1
1,4-Dichlorobenzene	0.0010	U	0.0010	0.00052	mg/Kg			10/07/25 21:35	1
2-Butanone (MEK)	0.0050	U	0.0050	0.00037	mg/Kg			10/07/25 21:35	1
2-Hexanone	0.0050	U	0.0050	0.0017	mg/Kg			10/07/25 21:35	1
4-Methyl-2-pentanone (MIBK)	0.0050	U	0.0050	0.0016	mg/Kg			10/07/25 21:35	1
Acetone	0.0060	U	0.0060	0.0057	mg/Kg			10/07/25 21:35	1
Benzene	0.0010	U	0.0010	0.00057	mg/Kg			10/07/25 21:35	1
Bromoform	0.0010	U	0.0010	0.00043	mg/Kg			10/07/25 21:35	1
Bromomethane	0.0020	U	0.0020	0.0010	mg/Kg			10/07/25 21:35	1
Carbon disulfide	0.0010	U	0.0010	0.00027	mg/Kg			10/07/25 21:35	1
Carbon tetrachloride	0.0010	U	0.0010	0.00039	mg/Kg			10/07/25 21:35	1
Chlorobenzene	0.0010	U	0.0010	0.00051	mg/Kg			10/07/25 21:35	1
Chlorobromomethane	0.0010	U	0.0010	0.00060	mg/Kg			10/07/25 21:35	1
Chlorodibromomethane	0.0010	U	0.0010	0.00054	mg/Kg			10/07/25 21:35	1
Chloroethane	0.0010	U	0.0010	0.00052	mg/Kg			10/07/25 21:35	1
Chloroform	0.0010	U	0.0010	0.00097	mg/Kg			10/07/25 21:35	1
Chloromethane	0.0010	U	0.0010	0.00044	mg/Kg			10/07/25 21:35	1
cis-1,2-Dichloroethene	0.0010	U	0.0010	0.00036	mg/Kg			10/07/25 21:35	1
cis-1,3-Dichloropropene	0.0010	U	0.0010	0.00027	mg/Kg			10/07/25 21:35	1
Cyclohexane	0.0010	U	0.0010	0.00022	mg/Kg			10/07/25 21:35	1
Dichlorobromomethane	0.0010	U	0.0010	0.00026	mg/Kg			10/07/25 21:35	1
Dichlorodifluoromethane	0.0010	U	0.0010	0.00034	mg/Kg			10/07/25 21:35	1
Ethylbenzene	0.0010	U	0.0010	0.00047	mg/Kg			10/07/25 21:35	1
Ethylene Dibromide	0.0010	U	0.0010	0.00050	mg/Kg			10/07/25 21:35	1
Isopropylbenzene	0.0010	U	0.0010	0.00029	mg/Kg			10/07/25 21:35	1
Methyl acetate	0.0050	U	0.0050	0.0043	mg/Kg			10/07/25 21:35	1
Methyl tert-butyl ether	0.0010	U	0.0010	0.00051	mg/Kg			10/07/25 21:35	1
Methylcyclohexane	0.0010	U	0.0010	0.00050	mg/Kg			10/07/25 21:35	1
Methylene Chloride	0.0020	U	0.0020	0.0011	mg/Kg			10/07/25 21:35	1
m-Xylene & p-Xylene	0.0010	U	0.0010	0.00042	mg/Kg			10/07/25 21:35	1
n-Butylbenzene	0.0010	U	0.0010	0.00029	mg/Kg			10/07/25 21:35	1
N-Propylbenzene	0.0010	U	0.0010	0.00045	mg/Kg			10/07/25 21:35	1
o-Xylene	0.0010	U	0.0010	0.00046	mg/Kg			10/07/25 21:35	1
sec-Butylbenzene	0.0010	U	0.0010	0.00029	mg/Kg			10/07/25 21:35	1

Method: 8260D - Volatile Organic Compounds by GC/MS (Continued)

Lab Sample ID: MB 460-1066311/7
Matrix: Solid
Analysis Batch: 1066311

Client Sample ID: Method Blank
Prep Type: Total/NA

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Styrene	0.0010	U	0.0010	0.00028	mg/Kg			10/07/25 21:35	1
tert-Butylbenzene	0.0010	U	0.0010	0.00028	mg/Kg			10/07/25 21:35	1
Tetrachloroethene	0.0010	U	0.0010	0.00031	mg/Kg			10/07/25 21:35	1
Toluene	0.0010	U	0.0010	0.00023	mg/Kg			10/07/25 21:35	1
trans-1,2-Dichloroethene	0.0010	U	0.0010	0.00025	mg/Kg			10/07/25 21:35	1
trans-1,3-Dichloropropene	0.0010	U	0.0010	0.00027	mg/Kg			10/07/25 21:35	1
Trichloroethene	0.0010	U	0.0010	0.00032	mg/Kg			10/07/25 21:35	1
Trichlorofluoromethane	0.0010	U	0.0010	0.00041	mg/Kg			10/07/25 21:35	1
Vinyl chloride	0.0010	U	0.0010	0.00055	mg/Kg			10/07/25 21:35	1
Xylenes, Total	0.0020	U	0.0020	0.00017	mg/Kg			10/07/25 21:35	1

Surrogate	*MB %Recovery*	*MB Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,2-Dichloroethane-d4 (Surr)	*96*		*65 - 138*		*10/07/25 21:35*	*1*
4-Bromofluorobenzene	*93*		*71 - 128*		*10/07/25 21:35*	*1*
Dibromofluoromethane (Surr)	*98*		*50 - 150*		*10/07/25 21:35*	*1*
Toluene-d8 (Surr)	*101*		*71 - 126*		*10/07/25 21:35*	*1*

Lab Sample ID: LCS 460-1066311/3
Matrix: Solid
Analysis Batch: 1066311

Client Sample ID: Lab Control Sample
Prep Type: Total/NA

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
1,1,1-Trichloroethane	0.0200	0.0157		mg/Kg		79	78 - 120
1,1,2,2-Tetrachloroethane	0.0200	0.0179		mg/Kg		89	70 - 133
1,1,2-Trichloro-1,2,2-trifluoroethane	0.0200	0.0163		mg/Kg		81	75 - 121
1,1,2-Trichloroethane	0.0200	0.0193		mg/Kg		96	80 - 120
1,1-Dichloroethane	0.0200	0.0178		mg/Kg		89	72 - 120
1,1-Dichloroethene	0.0200	0.0174		mg/Kg		87	76 - 120
1,2,3-Trichlorobenzene	0.0200	0.0173		mg/Kg		86	77 - 137
1,2,4-Trichlorobenzene	0.0200	0.0164		mg/Kg		82	77 - 136
1,2,4-Trimethylbenzene	0.0200	0.0181		mg/Kg		91	75 - 120
1,2-Dibromo-3-Chloropropane	0.0200	0.0184		mg/Kg		92	80 - 124
1,2-Dichlorobenzene	0.0200	0.0186		mg/Kg		93	80 - 120
1,2-Dichloroethane	0.0200	0.0162		mg/Kg		81	70 - 123
1,2-Dichloropropane	0.0200	0.0181		mg/Kg		91	73 - 124
1,3,5-Trimethylbenzene	0.0200	0.0178		mg/Kg		89	70 - 120
1,3-Dichlorobenzene	0.0200	0.0189		mg/Kg		95	80 - 120
1,4-Dichlorobenzene	0.0200	0.0180		mg/Kg		90	80 - 120
2-Butanone (MEK)	0.100	0.102		mg/Kg		102	64 - 128
2-Hexanone	0.100	0.101		mg/Kg		101	75 - 120
4-Methyl-2-pentanone (MIBK)	0.100	0.104		mg/Kg		104	80 - 120
Acetone	0.100	0.0981		mg/Kg		98	58 - 122
Benzene	0.0200	0.0184		mg/Kg		92	75 - 120
Bromoform	0.0200	0.0180		mg/Kg		90	61 - 125
Bromomethane	0.0200	0.0385	*	mg/Kg		192	37 - 150
Carbon disulfide	0.0200	0.0169		mg/Kg		85	57 - 133
Carbon tetrachloride	0.0200	0.0150		mg/Kg		75	66 - 127
Chlorobenzene	0.0200	0.0184		mg/Kg		92	80 - 120

Method: 8260D - Volatile Organic Compounds by GC/MS (Continued)

Lab Sample ID: LCS 460-1066311/3
Matrix: Solid
Analysis Batch: 1066311

Client Sample ID: Lab Control Sample
Prep Type: Total/NA

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
Chlorobromomethane	0.0200	0.0194		mg/Kg		97	76 - 127
Chlorodibromomethane	0.0200	0.0179		mg/Kg		90	72 - 120
Chloroethane	0.0200	0.0227		mg/Kg		113	60 - 123
Chloroform	0.0200	0.0176		mg/Kg		88	79 - 126
Chloromethane	0.0200	0.0207		mg/Kg		104	46 - 122
cis-1,2-Dichloroethene	0.0200	0.0176		mg/Kg		88	80 - 123
cis-1,3-Dichloropropene	0.0200	0.0169		mg/Kg		84	75 - 120
Cyclohexane	0.0200	0.0167		mg/Kg		84	65 - 132
Dichlorobromomethane	0.0200	0.0168		mg/Kg		84	77 - 124
Dichlorodifluoromethane	0.0200	0.0236		mg/Kg		118	45 - 129
Ethylbenzene	0.0200	0.0181		mg/Kg		90	80 - 120
Ethylene Dibromide	0.0200	0.0187		mg/Kg		94	79 - 120
Isopropylbenzene	0.0200	0.0180		mg/Kg		90	74 - 120
Methyl acetate	0.0400	0.0336		mg/Kg		84	57 - 120
Methyl tert-butyl ether	0.0200	0.0173		mg/Kg		86	74 - 125
Methylcyclohexane	0.0200	0.0167		mg/Kg		83	66 - 125
Methylene Chloride	0.0200	0.0199		mg/Kg		100	78 - 120
m-Xylene & p-Xylene	0.0200	0.0183		mg/Kg		91	80 - 120
n-Butylbenzene	0.0200	0.0171		mg/Kg		85	72 - 120
N-Propylbenzene	0.0200	0.0174		mg/Kg		87	68 - 120
o-Xylene	0.0200	0.0187		mg/Kg		94	80 - 120
sec-Butylbenzene	0.0200	0.0177		mg/Kg		88	78 - 120
Styrene	0.0200	0.0190		mg/Kg		95	80 - 120
tert-Butylbenzene	0.0200	0.0179		mg/Kg		89	80 - 120
Tetrachloroethene	0.0200	0.0162		mg/Kg		81	73 - 120
Toluene	0.0200	0.0179		mg/Kg		89	80 - 120
trans-1,2-Dichloroethene	0.0200	0.0173		mg/Kg		87	78 - 120
trans-1,3-Dichloropropene	0.0200	0.0160		mg/Kg		80	77 - 120
Trichloroethene	0.0200	0.0176		mg/Kg		88	80 - 120
Trichlorofluoromethane	0.0200	0.0180		mg/Kg		90	61 - 130
Vinyl chloride	0.0200	0.0190		mg/Kg		95	54 - 122
Xylenes, Total	0.0400	0.0370		mg/Kg		93	80 - 120

Surrogate	*LCS %Recovery*	*LCS Qualifier*	*Limits*
1,2-Dichloroethane-d4 (Surr)	*88*		*65 - 138*
4-Bromofluorobenzene	*95*		*71 - 128*
Dibromofluoromethane (Surr)	*91*		*50 - 150*
Toluene-d8 (Surr)	*100*		*71 - 126*

Lab Sample ID: LCSD 460-1066311/4
Matrix: Solid
Analysis Batch: 1066311

Client Sample ID: Lab Control Sample Dup
Prep Type: Total/NA

Analyte	Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
1,1,1-Trichloroethane	0.0200	0.0173		mg/Kg		86	78 - 120	10	30
1,1,2,2-Tetrachloroethane	0.0200	0.0201		mg/Kg		101	70 - 133	12	30
1,1,2-Trichloro-1,2,2-trifluoroethane	0.0200	0.0182		mg/Kg		91	75 - 121	11	30
1,1,2-Trichloroethane	0.0200	0.0200		mg/Kg		100	80 - 120	4	30

Method: 8260D - Volatile Organic Compounds by GC/MS (Continued)

Lab Sample ID: LCSD 460-1066311/4
Matrix: Solid
Analysis Batch: 1066311

Client Sample ID: Lab Control Sample Dup
Prep Type: Total/NA

Analyte	Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
1,1-Dichloroethane	0.0200	0.0187		mg/Kg		94	72 - 120	5	30
1,1-Dichloroethene	0.0200	0.0193		mg/Kg		96	76 - 120	10	30
1,2,3-Trichlorobenzene	0.0200	0.0179		mg/Kg		90	77 - 137	4	30
1,2,4-Trichlorobenzene	0.0200	0.0165		mg/Kg		82	77 - 136	1	30
1,2,4-Trimethylbenzene	0.0200	0.0191		mg/Kg		96	75 - 120	5	30
1,2-Dibromo-3-Chloropropane	0.0200	0.0189		mg/Kg		95	80 - 124	3	30
1,2-Dichlorobenzene	0.0200	0.0194		mg/Kg		97	80 - 120	4	30
1,2-Dichloroethane	0.0200	0.0169		mg/Kg		84	70 - 123	4	30
1,2-Dichloropropane	0.0200	0.0188		mg/Kg		94	73 - 124	4	30
1,3,5-Trimethylbenzene	0.0200	0.0192		mg/Kg		96	70 - 120	7	30
1,3-Dichlorobenzene	0.0200	0.0194		mg/Kg		97	80 - 120	2	30
1,4-Dichlorobenzene	0.0200	0.0187		mg/Kg		94	80 - 120	4	30
2-Butanone (MEK)	0.100	0.105		mg/Kg		105	64 - 128	3	30
2-Hexanone	0.100	0.102		mg/Kg		102	75 - 120	1	30
4-Methyl-2-pentanone (MIBK)	0.100	0.104		mg/Kg		104	80 - 120	1	30
Acetone	0.100	0.0985		mg/Kg		98	58 - 122	0	30
Benzene	0.0200	0.0194		mg/Kg		97	75 - 120	5	30
Bromoform	0.0200	0.0190		mg/Kg		95	61 - 125	5	30
Bromomethane	0.0200	0.0398	*	mg/Kg		199	37 - 150	4	30
Carbon disulfide	0.0200	0.0183		mg/Kg		92	57 - 133	8	30
Carbon tetrachloride	0.0200	0.0168		mg/Kg		84	66 - 127	11	30
Chlorobenzene	0.0200	0.0193		mg/Kg		96	80 - 120	4	30
Chlorobromomethane	0.0200	0.0202		mg/Kg		101	76 - 127	4	30
Chlorodibromomethane	0.0200	0.0187		mg/Kg		94	72 - 120	4	30
Chloroethane	0.0200	0.0230		mg/Kg		115	60 - 123	2	30
Chloroform	0.0200	0.0184		mg/Kg		92	79 - 126	5	30
Chloromethane	0.0200	0.0212		mg/Kg		106	46 - 122	3	30
cis-1,2-Dichloroethene	0.0200	0.0183		mg/Kg		92	80 - 123	4	30
cis-1,3-Dichloropropene	0.0200	0.0173		mg/Kg		86	75 - 120	2	30
Cyclohexane	0.0200	0.0191		mg/Kg		96	65 - 132	13	30
Dichlorobromomethane	0.0200	0.0179		mg/Kg		89	77 - 124	6	30
Dichlorodifluoromethane	0.0200	0.0243		mg/Kg		121	45 - 129	3	30
Ethylbenzene	0.0200	0.0194		mg/Kg		97	80 - 120	7	30
Ethylene Dibromide	0.0200	0.0192		mg/Kg		96	79 - 120	3	30
Isopropylbenzene	0.0200	0.0193		mg/Kg		96	74 - 120	7	30
Methyl acetate	0.0400	0.0340		mg/Kg		85	57 - 120	1	30
Methyl tert-butyl ether	0.0200	0.0179		mg/Kg		89	74 - 125	3	30
Methylcyclohexane	0.0200	0.0190		mg/Kg		95	66 - 125	13	30
Methylene Chloride	0.0200	0.0205		mg/Kg		103	78 - 120	3	30
m-Xylene & p-Xylene	0.0200	0.0192		mg/Kg		96	80 - 120	5	30
n-Butylbenzene	0.0200	0.0185		mg/Kg		92	72 - 120	8	30
N-Propylbenzene	0.0200	0.0188		mg/Kg		94	68 - 120	7	30
o-Xylene	0.0200	0.0198		mg/Kg		99	80 - 120	5	30
sec-Butylbenzene	0.0200	0.0194		mg/Kg		97	78 - 120	9	30
Styrene	0.0200	0.0197		mg/Kg		99	80 - 120	4	30
tert-Butylbenzene	0.0200	0.0194		mg/Kg		97	80 - 120	8	30
Tetrachloroethene	0.0200	0.0177		mg/Kg		88	73 - 120	9	30
Toluene	0.0200	0.0188		mg/Kg		94	80 - 120	5	30
trans-1,2-Dichloroethene	0.0200	0.0181		mg/Kg		90	78 - 120	4	30

Method: 8260D - Volatile Organic Compounds by GC/MS (Continued)

Lab Sample ID: LCSD 460-1066311/4
Matrix: Solid
Analysis Batch: 1066311

Client Sample ID: Lab Control Sample Dup
Prep Type: Total/NA

Analyte			Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
trans-1,3-Dichloropropene			0.0200	0.0167		mg/Kg		84	77 - 120	5	30
Trichloroethene			0.0200	0.0178		mg/Kg		89	80 - 120	1	30
Trichlorofluoromethane			0.0200	0.0187		mg/Kg		93	61 - 130	4	30
Vinyl chloride			0.0200	0.0196		mg/Kg		98	54 - 122	3	30
Xylenes, Total			0.0400	0.0390		mg/Kg		97	80 - 120	5	30

Surrogate	*LCSD %Recovery*	*LCSD Qualifier*	*Limits*
1,2-Dichloroethane-d4 (Surr)	*89*		*65 - 138*
4-Bromofluorobenzene	*96*		*71 - 128*
Dibromofluoromethane (Surr)	*93*		*50 - 150*
Toluene-d8 (Surr)	*99*		*71 - 126*

Lab Sample ID: MB 460-1066538/7
Matrix: Solid
Analysis Batch: 1066538

Client Sample ID: Method Blank
Prep Type: Total/NA

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1-Trichloroethane	0.0010	U	0.0010	0.00023	mg/Kg			10/08/25 10:37	1
1,1,2,2-Tetrachloroethane	0.0010	U	0.0010	0.00052	mg/Kg			10/08/25 10:37	1
1,1,2-Trichloro-1,2,2-trifluoroethane	0.0010	U	0.0010	0.00030	mg/Kg			10/08/25 10:37	1
1,1,2-Trichloroethane	0.0010	U	0.0010	0.00060	mg/Kg			10/08/25 10:37	1
1,1-Dichloroethane	0.0010	U	0.0010	0.00060	mg/Kg			10/08/25 10:37	1
1,1-Dichloroethene	0.0010	U	0.0010	0.00023	mg/Kg			10/08/25 10:37	1
1,2,3-Trichlorobenzene	0.0010	U	0.0010	0.00074	mg/Kg			10/08/25 10:37	1
1,2,4-Trichlorobenzene	0.0010	U	0.0010	0.00036	mg/Kg			10/08/25 10:37	1
1,2,4-Trimethylbenzene	0.0010	U	0.0010	0.00025	mg/Kg			10/08/25 10:37	1
1,2-Dibromo-3-Chloropropane	0.0010	U	0.0010	0.00046	mg/Kg			10/08/25 10:37	1
1,2-Dichlorobenzene	0.0010	U	0.0010	0.00036	mg/Kg			10/08/25 10:37	1
1,2-Dichloroethane	0.0010	U	0.0010	0.00030	mg/Kg			10/08/25 10:37	1
1,2-Dichloropropane	0.0010	U	0.0010	0.00042	mg/Kg			10/08/25 10:37	1
1,3,5-Trimethylbenzene	0.0010	U	0.0010	0.00031	mg/Kg			10/08/25 10:37	1
1,3-Dichlorobenzene	0.0010	U	0.0010	0.00037	mg/Kg			10/08/25 10:37	1
1,4-Dichlorobenzene	0.0010	U	0.0010	0.00052	mg/Kg			10/08/25 10:37	1
2-Butanone (MEK)	0.0050	U	0.0050	0.00037	mg/Kg			10/08/25 10:37	1
2-Hexanone	0.0050	U	0.0050	0.0017	mg/Kg			10/08/25 10:37	1
4-Methyl-2-pentanone (MIBK)	0.0050	U	0.0050	0.0016	mg/Kg			10/08/25 10:37	1
Acetone	0.0060	U	0.0060	0.0057	mg/Kg			10/08/25 10:37	1
Benzene	0.0010	U	0.0010	0.00057	mg/Kg			10/08/25 10:37	1
Bromoform	0.0010	U	0.0010	0.00043	mg/Kg			10/08/25 10:37	1
Bromomethane	0.0020	U	0.0020	0.0010	mg/Kg			10/08/25 10:37	1
Carbon disulfide	0.0010	U	0.0010	0.00027	mg/Kg			10/08/25 10:37	1
Carbon tetrachloride	0.0010	U	0.0010	0.00039	mg/Kg			10/08/25 10:37	1
Chlorobenzene	0.0010	U	0.0010	0.00051	mg/Kg			10/08/25 10:37	1
Chlorobromomethane	0.0010	U	0.0010	0.00060	mg/Kg			10/08/25 10:37	1
Chlorodibromomethane	0.0010	U	0.0010	0.00054	mg/Kg			10/08/25 10:37	1
Chloroethane	0.0010	U	0.0010	0.00052	mg/Kg			10/08/25 10:37	1
Chloroform	0.0010	U	0.0010	0.00097	mg/Kg			10/08/25 10:37	1
Chloromethane	0.0010	U	0.0010	0.00044	mg/Kg			10/08/25 10:37	1

Method: 8260D - Volatile Organic Compounds by GC/MS (Continued)

Lab Sample ID: MB 460-1066538/7
Matrix: Solid
Analysis Batch: 1066538

Client Sample ID: Method Blank
Prep Type: Total/NA

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
cis-1,2-Dichloroethene	0.0010	U	0.0010	0.00036	mg/Kg			10/08/25 10:37	1
cis-1,3-Dichloropropene	0.0010	U	0.0010	0.00027	mg/Kg			10/08/25 10:37	1
Cyclohexane	0.0010	U	0.0010	0.00022	mg/Kg			10/08/25 10:37	1
Dichlorobromomethane	0.0010	U	0.0010	0.00026	mg/Kg			10/08/25 10:37	1
Dichlorodifluoromethane	0.0010	U	0.0010	0.00034	mg/Kg			10/08/25 10:37	1
Ethylbenzene	0.0010	U	0.0010	0.00047	mg/Kg			10/08/25 10:37	1
Ethylene Dibromide	0.0010	U	0.0010	0.00050	mg/Kg			10/08/25 10:37	1
Isopropylbenzene	0.0010	U	0.0010	0.00029	mg/Kg			10/08/25 10:37	1
Methyl acetate	0.0050	U	0.0050	0.0043	mg/Kg			10/08/25 10:37	1
Methyl tert-butyl ether	0.0010	U	0.0010	0.00051	mg/Kg			10/08/25 10:37	1
Methylcyclohexane	0.0010	U	0.0010	0.00050	mg/Kg			10/08/25 10:37	1
Methylene Chloride	0.0020	U	0.0020	0.0011	mg/Kg			10/08/25 10:37	1
m-Xylene & p-Xylene	0.0010	U	0.0010	0.00042	mg/Kg			10/08/25 10:37	1
n-Butylbenzene	0.0010	U	0.0010	0.00029	mg/Kg			10/08/25 10:37	1
N-Propylbenzene	0.0010	U	0.0010	0.00045	mg/Kg			10/08/25 10:37	1
o-Xylene	0.0010	U	0.0010	0.00046	mg/Kg			10/08/25 10:37	1
sec-Butylbenzene	0.0010	U	0.0010	0.00029	mg/Kg			10/08/25 10:37	1
Styrene	0.0010	U	0.0010	0.00028	mg/Kg			10/08/25 10:37	1
tert-Butylbenzene	0.0010	U	0.0010	0.00028	mg/Kg			10/08/25 10:37	1
Tetrachloroethene	0.0010	U	0.0010	0.00031	mg/Kg			10/08/25 10:37	1
Toluene	0.0010	U	0.0010	0.00023	mg/Kg			10/08/25 10:37	1
trans-1,2-Dichloroethene	0.0010	U	0.0010	0.00025	mg/Kg			10/08/25 10:37	1
trans-1,3-Dichloropropene	0.0010	U	0.0010	0.00027	mg/Kg			10/08/25 10:37	1
Trichloroethene	0.0010	U	0.0010	0.00032	mg/Kg			10/08/25 10:37	1
Trichlorofluoromethane	0.0010	U	0.0010	0.00041	mg/Kg			10/08/25 10:37	1
Vinyl chloride	0.0010	U	0.0010	0.00055	mg/Kg			10/08/25 10:37	1
Xylenes, Total	0.0020	U	0.0020	0.00017	mg/Kg			10/08/25 10:37	1

Surrogate	*MB %Recovery*	*MB Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,2-Dichloroethane-d4 (Surr)	*95*		*65 - 138*		*10/08/25 10:37*	*1*
4-Bromofluorobenzene	*92*		*71 - 128*		*10/08/25 10:37*	*1*
Dibromofluoromethane (Surr)	*98*		*50 - 150*		*10/08/25 10:37*	*1*
Toluene-d8 (Surr)	*100*		*71 - 126*		*10/08/25 10:37*	*1*

Lab Sample ID: LCS 460-1066538/2
Matrix: Solid
Analysis Batch: 1066538

Client Sample ID: Lab Control Sample
Prep Type: Total/NA

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
1,1,1-Trichloroethane	0.0200	0.0179		mg/Kg		90	78 - 120
1,1,2,2-Tetrachloroethane	0.0200	0.0208		mg/Kg		104	70 - 133
1,1,2-Trichloro-1,2,2-trifluoroethane	0.0200	0.0198		mg/Kg		99	75 - 121
1,1,2-Trichloroethane	0.0200	0.0203		mg/Kg		102	80 - 120
1,1-Dichloroethane	0.0200	0.0196		mg/Kg		98	72 - 120
1,1-Dichloroethene	0.0200	0.0203		mg/Kg		101	76 - 120
1,2,3-Trichlorobenzene	0.0200	0.0194		mg/Kg		97	77 - 137
1,2,4-Trichlorobenzene	0.0200	0.0186		mg/Kg		93	77 - 136
1,2,4-Trimethylbenzene	0.0200	0.0202		mg/Kg		101	75 - 120

Method: 8260D - Volatile Organic Compounds by GC/MS (Continued)

Lab Sample ID: LCS 460-1066538/2
Matrix: Solid
Analysis Batch: 1066538

Client Sample ID: Lab Control Sample
Prep Type: Total/NA

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
1,2-Dibromo-3-Chloropropane	0.0200	0.0184		mg/Kg		92	80 - 124
1,2-Dichlorobenzene	0.0200	0.0204		mg/Kg		102	80 - 120
1,2-Dichloroethane	0.0200	0.0171		mg/Kg		86	70 - 123
1,2-Dichloropropane	0.0200	0.0192		mg/Kg		96	73 - 124
1,3,5-Trimethylbenzene	0.0200	0.0201		mg/Kg		101	70 - 120
1,3-Dichlorobenzene	0.0200	0.0209		mg/Kg		105	80 - 120
1,4-Dichlorobenzene	0.0200	0.0202		mg/Kg		101	80 - 120
2-Butanone (MEK)	0.100	0.107		mg/Kg		107	64 - 128
2-Hexanone	0.100	0.103		mg/Kg		103	75 - 120
4-Methyl-2-pentanone (MIBK)	0.100	0.104		mg/Kg		104	80 - 120
Acetone	0.100	0.100		mg/Kg		100	58 - 122
Benzene	0.0200	0.0202		mg/Kg		101	75 - 120
Bromoform	0.0200	0.0190		mg/Kg		95	61 - 125
Bromomethane	0.0200	0.0163		mg/Kg		82	37 - 150
Carbon disulfide	0.0200	0.0192		mg/Kg		96	57 - 133
Carbon tetrachloride	0.0200	0.0176		mg/Kg		88	66 - 127
Chlorobenzene	0.0200	0.0204		mg/Kg		102	80 - 120
Chlorobromomethane	0.0200	0.0207		mg/Kg		103	76 - 127
Chlorodibromomethane	0.0200	0.0191		mg/Kg		95	72 - 120
Chloroethane	0.0200	0.0196		mg/Kg		98	60 - 123
Chloroform	0.0200	0.0188		mg/Kg		94	79 - 126
Chloromethane	0.0200	0.0224		mg/Kg		112	46 - 122
cis-1,2-Dichloroethene	0.0200	0.0190		mg/Kg		95	80 - 123
cis-1,3-Dichloropropene	0.0200	0.0186		mg/Kg		93	75 - 120
Cyclohexane	0.0200	0.0203		mg/Kg		101	65 - 132
Dichlorobromomethane	0.0200	0.0182		mg/Kg		91	77 - 124
Dichlorodifluoromethane	0.0200	0.0264	*	mg/Kg		132	45 - 129
Ethylbenzene	0.0200	0.0205		mg/Kg		102	80 - 120
Ethylene Dibromide	0.0200	0.0200		mg/Kg		100	79 - 120
Isopropylbenzene	0.0200	0.0206		mg/Kg		103	74 - 120
Methyl acetate	0.0400	0.0337		mg/Kg		84	57 - 120
Methyl tert-butyl ether	0.0200	0.0181		mg/Kg		90	74 - 125
Methylcyclohexane	0.0200	0.0201		mg/Kg		101	66 - 125
Methylene Chloride	0.0200	0.0213		mg/Kg		106	78 - 120
m-Xylene & p-Xylene	0.0200	0.0207		mg/Kg		104	80 - 120
n-Butylbenzene	0.0200	0.0206		mg/Kg		103	72 - 120
N-Propylbenzene	0.0200	0.0201		mg/Kg		100	68 - 120
o-Xylene	0.0200	0.0210		mg/Kg		105	80 - 120
sec-Butylbenzene	0.0200	0.0210		mg/Kg		105	78 - 120
Styrene	0.0200	0.0207		mg/Kg		104	80 - 120
tert-Butylbenzene	0.0200	0.0206		mg/Kg		103	80 - 120
Tetrachloroethene	0.0200	0.0189		mg/Kg		95	73 - 120
Toluene	0.0200	0.0198		mg/Kg		99	80 - 120
trans-1,2-Dichloroethene	0.0200	0.0191		mg/Kg		96	78 - 120
trans-1,3-Dichloropropene	0.0200	0.0177		mg/Kg		89	77 - 120
Trichloroethene	0.0200	0.0185		mg/Kg		93	80 - 120
Trichlorofluoromethane	0.0200	0.0199		mg/Kg		100	61 - 130
Vinyl chloride	0.0200	0.0214		mg/Kg		107	54 - 122
Xylenes, Total	0.0400	0.0417		mg/Kg		104	80 - 120

Method: 8260D - Volatile Organic Compounds by GC/MS (Continued)

Surrogate	LCS %Recovery	LCS Qualifier	Limits
1,2-Dichloroethane-d4 (Surr)	87		65 - 138
4-Bromofluorobenzene	95		71 - 128
Dibromofluoromethane (Surr)	92		50 - 150
Toluene-d8 (Surr)	99		71 - 126

Lab Sample ID: LCSD 460-1066538/4
Matrix: Solid
Analysis Batch: 1066538

Client Sample ID: Lab Control Sample Dup
Prep Type: Total/NA

Analyte			Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
1,1,1-Trichloroethane			0.0200	0.0180		mg/Kg		90	78 - 120	0	30
1,1,2,2-Tetrachloroethane			0.0200	0.0208		mg/Kg		104	70 - 133	0	30
1,1,2-Trichloro-1,2,2-trifluoroethane			0.0200	0.0195		mg/Kg		97	75 - 121	2	30
1,1,2-Trichloroethane			0.0200	0.0207		mg/Kg		103	80 - 120	2	30
1,1-Dichloroethane			0.0200	0.0195		mg/Kg		97	72 - 120	0	30
1,1-Dichloroethene			0.0200	0.0206		mg/Kg		103	76 - 120	1	30
1,2,3-Trichlorobenzene			0.0200	0.0190		mg/Kg		95	77 - 137	2	30
1,2,4-Trichlorobenzene			0.0200	0.0180		mg/Kg		90	77 - 136	4	30
1,2,4-Trimethylbenzene			0.0200	0.0199		mg/Kg		100	75 - 120	2	30
1,2-Dibromo-3-Chloropropane			0.0200	0.0189		mg/Kg		95	80 - 124	3	30
1,2-Dichlorobenzene			0.0200	0.0201		mg/Kg		101	80 - 120	2	30
1,2-Dichloroethane			0.0200	0.0177		mg/Kg		89	70 - 123	3	30
1,2-Dichloropropane			0.0200	0.0197		mg/Kg		98	73 - 124	2	30
1,3,5-Trimethylbenzene			0.0200	0.0198		mg/Kg		99	70 - 120	1	30
1,3-Dichlorobenzene			0.0200	0.0205		mg/Kg		103	80 - 120	2	30
1,4-Dichlorobenzene			0.0200	0.0199		mg/Kg		99	80 - 120	2	30
2-Butanone (MEK)			0.100	0.110		mg/Kg		110	64 - 128	2	30
2-Hexanone			0.100	0.105		mg/Kg		105	75 - 120	3	30
4-Methyl-2-pentanone (MIBK)			0.100	0.106		mg/Kg		106	80 - 120	2	30
Acetone			0.100	0.104		mg/Kg		104	58 - 122	3	30
Benzene			0.0200	0.0199		mg/Kg		99	75 - 120	2	30
Bromoform			0.0200	0.0196		mg/Kg		98	61 - 125	3	30
Bromomethane			0.0200	0.0148		mg/Kg		74	37 - 150	9	30
Carbon disulfide			0.0200	0.0191		mg/Kg		95	57 - 133	1	30
Carbon tetrachloride			0.0200	0.0174		mg/Kg		87	66 - 127	1	30
Chlorobenzene			0.0200	0.0201		mg/Kg		101	80 - 120	1	30
Chlorobromomethane			0.0200	0.0208		mg/Kg		104	76 - 127	0	30
Chlorodibromomethane			0.0200	0.0191		mg/Kg		96	72 - 120	0	30
Chloroethane			0.0200	0.0144	*	mg/Kg		72	60 - 123	31	30
Chloroform			0.0200	0.0190		mg/Kg		95	79 - 126	1	30
Chloromethane			0.0200	0.0215		mg/Kg		107	46 - 122	4	30
cis-1,2-Dichloroethene			0.0200	0.0195		mg/Kg		98	80 - 123	3	30
cis-1,3-Dichloropropene			0.0200	0.0190		mg/Kg		95	75 - 120	2	30
Cyclohexane			0.0200	0.0198		mg/Kg		99	65 - 132	2	30
Dichlorobromomethane			0.0200	0.0184		mg/Kg		92	77 - 124	1	30
Dichlorodifluoromethane			0.0200	0.0239		mg/Kg		119	45 - 129	10	30
Ethylbenzene			0.0200	0.0201		mg/Kg		100	80 - 120	2	30
Ethylene Dibromide			0.0200	0.0203		mg/Kg		101	79 - 120	1	30
Isopropylbenzene			0.0200	0.0203		mg/Kg		101	74 - 120	2	30
Methyl acetate			0.0400	0.0351		mg/Kg		88	57 - 120	4	30
Methyl tert-butyl ether			0.0200	0.0190		mg/Kg		95	74 - 125	5	30

Method: 8260D - Volatile Organic Compounds by GC/MS (Continued)

Lab Sample ID: LCSD 460-1066538/4
Matrix: Solid
Analysis Batch: 1066538

Client Sample ID: Lab Control Sample Dup
Prep Type: Total/NA

Analyte			Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Methylcyclohexane			0.0200	0.0204		mg/Kg		102	66 - 125	1	30
Methylene Chloride			0.0200	0.0217		mg/Kg		108	78 - 120	2	30
m-Xylene & p-Xylene			0.0200	0.0201		mg/Kg		101	80 - 120	3	30
n-Butylbenzene			0.0200	0.0194		mg/Kg		97	72 - 120	6	30
N-Propylbenzene			0.0200	0.0199		mg/Kg		100	68 - 120	1	30
o-Xylene			0.0200	0.0209		mg/Kg		104	80 - 120	0	30
sec-Butylbenzene			0.0200	0.0200		mg/Kg		100	78 - 120	5	30
Styrene			0.0200	0.0206		mg/Kg		103	80 - 120	1	30
tert-Butylbenzene			0.0200	0.0200		mg/Kg		100	80 - 120	3	30
Tetrachloroethene			0.0200	0.0185		mg/Kg		93	73 - 120	2	30
Toluene			0.0200	0.0195		mg/Kg		97	80 - 120	1	30
trans-1,2-Dichloroethene			0.0200	0.0195		mg/Kg		97	78 - 120	2	30
trans-1,3-Dichloropropene			0.0200	0.0179		mg/Kg		89	77 - 120	1	30
Trichloroethene			0.0200	0.0188		mg/Kg		94	80 - 120	2	30
Trichlorofluoromethane			0.0200	0.0181		mg/Kg		91	61 - 130	10	30
Vinyl chloride			0.0200	0.0196		mg/Kg		98	54 - 122	8	30
Xylenes, Total			0.0400	0.0410		mg/Kg		103	80 - 120	2	30

Surrogate	*LCSD %Recovery*	*LCSD Qualifier*	*Limits*
1,2-Dichloroethane-d4 (Surr)	*88*		*65 - 138*
4-Bromofluorobenzene	*95*		*71 - 128*
Dibromofluoromethane (Surr)	*93*		*50 - 150*
Toluene-d8 (Surr)	*99*		*71 - 126*

Lab Sample ID: MB 460-1066542/7
Matrix: Solid
Analysis Batch: 1066542

Client Sample ID: Method Blank
Prep Type: Total/NA

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1-Trichloroethane	0.0010	U	0.0010	0.00023	mg/Kg			10/08/25 04:28	1
1,1,2,2-Tetrachloroethane	0.0010	U	0.0010	0.00052	mg/Kg			10/08/25 04:28	1
1,1,2-Trichloro-1,2,2-trifluoroethane	0.0010	U	0.0010	0.00030	mg/Kg			10/08/25 04:28	1
1,1,2-Trichloroethane	0.0010	U	0.0010	0.00060	mg/Kg			10/08/25 04:28	1
1,1-Dichloroethane	0.0010	U	0.0010	0.00060	mg/Kg			10/08/25 04:28	1
1,1-Dichloroethene	0.0010	U	0.0010	0.00023	mg/Kg			10/08/25 04:28	1
1,2,3-Trichlorobenzene	0.0010	U	0.0010	0.00074	mg/Kg			10/08/25 04:28	1
1,2,4-Trichlorobenzene	0.0010	U	0.0010	0.00036	mg/Kg			10/08/25 04:28	1
1,2,4-Trimethylbenzene	0.0010	U	0.0010	0.00025	mg/Kg			10/08/25 04:28	1
1,2-Dibromo-3-Chloropropane	0.0010	U	0.0010	0.00046	mg/Kg			10/08/25 04:28	1
1,2-Dichlorobenzene	0.0010	U	0.0010	0.00036	mg/Kg			10/08/25 04:28	1
1,2-Dichloroethane	0.0010	U	0.0010	0.00030	mg/Kg			10/08/25 04:28	1
1,2-Dichloropropane	0.0010	U	0.0010	0.00042	mg/Kg			10/08/25 04:28	1
1,3,5-Trimethylbenzene	0.0010	U	0.0010	0.00031	mg/Kg			10/08/25 04:28	1
1,3-Dichlorobenzene	0.0010	U	0.0010	0.00037	mg/Kg			10/08/25 04:28	1
1,4-Dichlorobenzene	0.0010	U	0.0010	0.00052	mg/Kg			10/08/25 04:28	1
2-Butanone (MEK)	0.0050	U	0.0050	0.00037	mg/Kg			10/08/25 04:28	1
2-Hexanone	0.0050	U	0.0050	0.0017	mg/Kg			10/08/25 04:28	1
4-Methyl-2-pentanone (MIBK)	0.0050	U	0.0050	0.0016	mg/Kg			10/08/25 04:28	1

Method: 8260D - Volatile Organic Compounds by GC/MS (Continued)

Lab Sample ID: MB 460-1066542/7
Matrix: Solid
Analysis Batch: 1066542

Client Sample ID: Method Blank
Prep Type: Total/NA

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Acetone	0.0060	U	0.0060	0.0057	mg/Kg			10/08/25 04:28	1
Benzene	0.0010	U	0.0010	0.00057	mg/Kg			10/08/25 04:28	1
Bromoform	0.0010	U	0.0010	0.00043	mg/Kg			10/08/25 04:28	1
Bromomethane	0.0020	U	0.0020	0.0010	mg/Kg			10/08/25 04:28	1
Carbon disulfide	0.0010	U	0.0010	0.00027	mg/Kg			10/08/25 04:28	1
Carbon tetrachloride	0.0010	U	0.0010	0.00039	mg/Kg			10/08/25 04:28	1
Chlorobenzene	0.0010	U	0.0010	0.00051	mg/Kg			10/08/25 04:28	1
Chlorobromomethane	0.0010	U	0.0010	0.00060	mg/Kg			10/08/25 04:28	1
Chlorodibromomethane	0.0010	U	0.0010	0.00054	mg/Kg			10/08/25 04:28	1
Chloroethane	0.0010	U	0.0010	0.00052	mg/Kg			10/08/25 04:28	1
Chloroform	0.0010	U	0.0010	0.00097	mg/Kg			10/08/25 04:28	1
Chloromethane	0.0010	U	0.0010	0.00044	mg/Kg			10/08/25 04:28	1
cis-1,2-Dichloroethene	0.0010	U	0.0010	0.00036	mg/Kg			10/08/25 04:28	1
cis-1,3-Dichloropropene	0.0010	U	0.0010	0.00027	mg/Kg			10/08/25 04:28	1
Cyclohexane	0.0010	U	0.0010	0.00022	mg/Kg			10/08/25 04:28	1
Dichlorobromomethane	0.0010	U	0.0010	0.00026	mg/Kg			10/08/25 04:28	1
Dichlorodifluoromethane	0.0010	U	0.0010	0.00034	mg/Kg			10/08/25 04:28	1
Ethylbenzene	0.0010	U	0.0010	0.00047	mg/Kg			10/08/25 04:28	1
Ethylene Dibromide	0.0010	U	0.0010	0.00050	mg/Kg			10/08/25 04:28	1
Isopropylbenzene	0.0010	U	0.0010	0.00029	mg/Kg			10/08/25 04:28	1
Methyl acetate	0.0050	U	0.0050	0.0043	mg/Kg			10/08/25 04:28	1
Methyl tert-butyl ether	0.0010	U	0.0010	0.00051	mg/Kg			10/08/25 04:28	1
Methylcyclohexane	0.0010	U	0.0010	0.00050	mg/Kg			10/08/25 04:28	1
Methylene Chloride	0.0020	U	0.0020	0.0011	mg/Kg			10/08/25 04:28	1
m-Xylene & p-Xylene	0.0010	U	0.0010	0.00042	mg/Kg			10/08/25 04:28	1
n-Butylbenzene	0.0010	U	0.0010	0.00029	mg/Kg			10/08/25 04:28	1
N-Propylbenzene	0.0010	U	0.0010	0.00045	mg/Kg			10/08/25 04:28	1
o-Xylene	0.0010	U	0.0010	0.00046	mg/Kg			10/08/25 04:28	1
sec-Butylbenzene	0.0010	U	0.0010	0.00029	mg/Kg			10/08/25 04:28	1
Styrene	0.0010	U	0.0010	0.00028	mg/Kg			10/08/25 04:28	1
tert-Butylbenzene	0.0010	U	0.0010	0.00028	mg/Kg			10/08/25 04:28	1
Tetrachloroethene	0.0010	U	0.0010	0.00031	mg/Kg			10/08/25 04:28	1
Toluene	0.0010	U	0.0010	0.00023	mg/Kg			10/08/25 04:28	1
trans-1,2-Dichloroethene	0.0010	U	0.0010	0.00025	mg/Kg			10/08/25 04:28	1
trans-1,3-Dichloropropene	0.0010	U	0.0010	0.00027	mg/Kg			10/08/25 04:28	1
Trichloroethene	0.0010	U	0.0010	0.00032	mg/Kg			10/08/25 04:28	1
Trichlorofluoromethane	0.0010	U	0.0010	0.00041	mg/Kg			10/08/25 04:28	1
Vinyl chloride	0.0010	U	0.0010	0.00055	mg/Kg			10/08/25 04:28	1
Xylenes, Total	0.0020	U	0.0020	0.00017	mg/Kg			10/08/25 04:28	1

Surrogate	*MB %Recovery*	*MB Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,2-Dichloroethane-d4 (Surr)	*106*		*65 - 138*		*10/08/25 04:28*	*1*
4-Bromofluorobenzene	*97*		*71 - 128*		*10/08/25 04:28*	*1*
Dibromofluoromethane (Surr)	*117*		*50 - 150*		*10/08/25 04:28*	*1*
Toluene-d8 (Surr)	*96*		*71 - 126*		*10/08/25 04:28*	*1*

Method: 8260D - Volatile Organic Compounds by GC/MS (Continued)

Lab Sample ID: LCS 460-1066542/3
Matrix: Solid
Analysis Batch: 1066542

Client Sample ID: Lab Control Sample
Prep Type: Total/NA

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
1,1,1-Trichloroethane	0.0200	0.0199		mg/Kg		100	78 - 120
1,1,2,2-Tetrachloroethane	0.0200	0.0184		mg/Kg		92	70 - 133
1,1,2-Trichloro-1,2,2-trifluoroethane	0.0200	0.0216		mg/Kg		108	75 - 121
1,1,2-Trichloroethane	0.0200	0.0200		mg/Kg		100	80 - 120
1,1-Dichloroethane	0.0200	0.0195		mg/Kg		97	72 - 120
1,1-Dichloroethene	0.0200	0.0200		mg/Kg		100	76 - 120
1,2,3-Trichlorobenzene	0.0200	0.0190		mg/Kg		95	77 - 137
1,2,4-Trichlorobenzene	0.0200	0.0172		mg/Kg		86	77 - 136
1,2,4-Trimethylbenzene	0.0200	0.0187		mg/Kg		93	75 - 120
1,2-Dibromo-3-Chloropropane	0.0200	0.0178		mg/Kg		89	80 - 124
1,2-Dichlorobenzene	0.0200	0.0205		mg/Kg		102	80 - 120
1,2-Dichloroethane	0.0200	0.0199		mg/Kg		99	70 - 123
1,2-Dichloropropane	0.0200	0.0185		mg/Kg		93	73 - 124
1,3,5-Trimethylbenzene	0.0200	0.0188		mg/Kg		94	70 - 120
1,3-Dichlorobenzene	0.0200	0.0192		mg/Kg		96	80 - 120
1,4-Dichlorobenzene	0.0200	0.0191		mg/Kg		95	80 - 120
2-Butanone (MEK)	0.100	0.101		mg/Kg		101	64 - 128
2-Hexanone	0.100	0.105		mg/Kg		105	75 - 120
4-Methyl-2-pentanone (MIBK)	0.100	0.105		mg/Kg		105	80 - 120
Acetone	0.100	0.104		mg/Kg		104	58 - 122
Benzene	0.0200	0.0185		mg/Kg		92	75 - 120
Bromoform	0.0200	0.0184		mg/Kg		92	61 - 125
Bromomethane	0.0200	0.0165		mg/Kg		83	37 - 150
Carbon disulfide	0.0200	0.0195		mg/Kg		97	57 - 133
Carbon tetrachloride	0.0200	0.0193		mg/Kg		97	66 - 127
Chlorobenzene	0.0200	0.0197		mg/Kg		98	80 - 120
Chlorobromomethane	0.0200	0.0222		mg/Kg		111	76 - 127
Chlorodibromomethane	0.0200	0.0190		mg/Kg		95	72 - 120
Chloroethane	0.0200	0.0202		mg/Kg		101	60 - 123
Chloroform	0.0200	0.0197		mg/Kg		99	79 - 126
Chloromethane	0.0200	0.0207		mg/Kg		103	46 - 122
cis-1,2-Dichloroethene	0.0200	0.0207		mg/Kg		104	80 - 123
cis-1,3-Dichloropropene	0.0200	0.0176		mg/Kg		88	75 - 120
Cyclohexane	0.0200	0.0211		mg/Kg		106	65 - 132
Dichlorobromomethane	0.0200	0.0198		mg/Kg		99	77 - 124
Dichlorodifluoromethane	0.0200	0.0283	*	mg/Kg		141	45 - 129
Ethylbenzene	0.0200	0.0200		mg/Kg		100	80 - 120
Ethylene Dibromide	0.0200	0.0205		mg/Kg		102	79 - 120
Isopropylbenzene	0.0200	0.0195		mg/Kg		97	74 - 120
Methyl acetate	0.0400	0.0379		mg/Kg		95	57 - 120
Methyl tert-butyl ether	0.0200	0.0185		mg/Kg		92	74 - 125
Methylcyclohexane	0.0200	0.0204		mg/Kg		102	66 - 125
Methylene Chloride	0.0200	0.0213		mg/Kg		107	78 - 120
m-Xylene & p-Xylene	0.0200	0.0200		mg/Kg		100	80 - 120
n-Butylbenzene	0.0200	0.0178		mg/Kg		89	72 - 120
N-Propylbenzene	0.0200	0.0189		mg/Kg		94	68 - 120
o-Xylene	0.0200	0.0199		mg/Kg		100	80 - 120
sec-Butylbenzene	0.0200	0.0188		mg/Kg		94	78 - 120

Method: 8260D - Volatile Organic Compounds by GC/MS (Continued)

Lab Sample ID: LCS 460-1066542/3
Matrix: Solid
Analysis Batch: 1066542

Client Sample ID: Lab Control Sample
Prep Type: Total/NA

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
Styrene	0.0200	0.0192		mg/Kg		96	80 - 120
tert-Butylbenzene	0.0200	0.0191		mg/Kg		95	80 - 120
Tetrachloroethene	0.0200	0.0204		mg/Kg		102	73 - 120
Toluene	0.0200	0.0190		mg/Kg		95	80 - 120
trans-1,2-Dichloroethene	0.0200	0.0203		mg/Kg		101	78 - 120
trans-1,3-Dichloropropene	0.0200	0.0170		mg/Kg		85	77 - 120
Trichloroethene	0.0200	0.0199		mg/Kg		100	80 - 120
Trichlorofluoromethane	0.0200	0.0207		mg/Kg		104	61 - 130
Vinyl chloride	0.0200	0.0212		mg/Kg		106	54 - 122
Xylenes, Total	0.0400	0.0399		mg/Kg		100	80 - 120

Surrogate	*LCS %Recovery*	*LCS Qualifier*	*Limits*
1,2-Dichloroethane-d4 (Surr)	*99*		*65 - 138*
4-Bromofluorobenzene	*101*		*71 - 128*
Dibromofluoromethane (Surr)	*100*		*50 - 150*
Toluene-d8 (Surr)	*98*		*71 - 126*

Lab Sample ID: LCSD 460-1066542/4
Matrix: Solid
Analysis Batch: 1066542

Client Sample ID: Lab Control Sample Dup
Prep Type: Total/NA

Analyte	Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
1,1,1-Trichloroethane	0.0200	0.0190		mg/Kg		95	78 - 120	5	30
1,1,2,2-Tetrachloroethane	0.0200	0.0187		mg/Kg		93	70 - 133	1	30
1,1,2-Trichloro-1,2,2-trifluoroethane	0.0200	0.0203		mg/Kg		102	75 - 121	6	30
1,1,2-Trichloroethane	0.0200	0.0203		mg/Kg		102	80 - 120	2	30
1,1-Dichloroethane	0.0200	0.0186		mg/Kg		93	72 - 120	5	30
1,1-Dichloroethene	0.0200	0.0191		mg/Kg		96	76 - 120	5	30
1,2,3-Trichlorobenzene	0.0200	0.0196		mg/Kg		98	77 - 137	3	30
1,2,4-Trichlorobenzene	0.0200	0.0183		mg/Kg		91	77 - 136	6	30
1,2,4-Trimethylbenzene	0.0200	0.0186		mg/Kg		93	75 - 120	1	30
1,2-Dibromo-3-Chloropropane	0.0200	0.0168		mg/Kg		84	80 - 124	6	30
1,2-Dichlorobenzene	0.0200	0.0210		mg/Kg		105	80 - 120	3	30
1,2-Dichloroethane	0.0200	0.0196		mg/Kg		98	70 - 123	2	30
1,2-Dichloropropane	0.0200	0.0181		mg/Kg		91	73 - 124	2	30
1,3,5-Trimethylbenzene	0.0200	0.0186		mg/Kg		93	70 - 120	1	30
1,3-Dichlorobenzene	0.0200	0.0194		mg/Kg		97	80 - 120	1	30
1,4-Dichlorobenzene	0.0200	0.0197		mg/Kg		99	80 - 120	3	30
2-Butanone (MEK)	0.100	0.104		mg/Kg		104	64 - 128	2	30
2-Hexanone	0.100	0.111		mg/Kg		111	75 - 120	5	30
4-Methyl-2-pentanone (MIBK)	0.100	0.114		mg/Kg		114	80 - 120	8	30
Acetone	0.100	0.102		mg/Kg		102	58 - 122	1	30
Benzene	0.0200	0.0183		mg/Kg		92	75 - 120	1	30
Bromoform	0.0200	0.0188		mg/Kg		94	61 - 125	2	30
Bromomethane	0.0200	0.0139		mg/Kg		69	37 - 150	17	30
Carbon disulfide	0.0200	0.0182		mg/Kg		91	57 - 133	6	30
Carbon tetrachloride	0.0200	0.0185		mg/Kg		92	66 - 127	5	30
Chlorobenzene	0.0200	0.0195		mg/Kg		97	80 - 120	1	30

Method: 8260D - Volatile Organic Compounds by GC/MS (Continued)

Lab Sample ID: LCSD 460-1066542/4
Matrix: Solid
Analysis Batch: 1066542

Client Sample ID: Lab Control Sample Dup
Prep Type: Total/NA

Analyte	Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Chlorobromomethane	0.0200	0.0212		mg/Kg		106	76 - 127	4	30
Chlorodibromomethane	0.0200	0.0189		mg/Kg		95	72 - 120	0	30
Chloroethane	0.0200	0.0188		mg/Kg		94	60 - 123	7	30
Chloroform	0.0200	0.0186		mg/Kg		93	79 - 126	6	30
Chloromethane	0.0200	0.0180		mg/Kg		90	46 - 122	13	30
cis-1,2-Dichloroethene	0.0200	0.0201		mg/Kg		101	80 - 123	3	30
cis-1,3-Dichloropropene	0.0200	0.0182		mg/Kg		91	75 - 120	3	30
Cyclohexane	0.0200	0.0199		mg/Kg		100	65 - 132	6	30
Dichlorobromomethane	0.0200	0.0194		mg/Kg		97	77 - 124	2	30
Dichlorodifluoromethane	0.0200	0.0223		mg/Kg		111	45 - 129	24	30
Ethylbenzene	0.0200	0.0193		mg/Kg		96	80 - 120	4	30
Ethylene Dibromide	0.0200	0.0203		mg/Kg		101	79 - 120	1	30
Isopropylbenzene	0.0200	0.0190		mg/Kg		95	74 - 120	2	30
Methyl acetate	0.0400	0.0336		mg/Kg		84	57 - 120	12	30
Methyl tert-butyl ether	0.0200	0.0186		mg/Kg		93	74 - 125	1	30
Methylcyclohexane	0.0200	0.0193		mg/Kg		96	66 - 125	6	30
Methylene Chloride	0.0200	0.0207		mg/Kg		104	78 - 120	3	30
m-Xylene & p-Xylene	0.0200	0.0194		mg/Kg		97	80 - 120	3	30
n-Butylbenzene	0.0200	0.0180		mg/Kg		90	72 - 120	2	30
N-Propylbenzene	0.0200	0.0185		mg/Kg		92	68 - 120	2	30
o-Xylene	0.0200	0.0195		mg/Kg		97	80 - 120	2	30
sec-Butylbenzene	0.0200	0.0184		mg/Kg		92	78 - 120	2	30
Styrene	0.0200	0.0190		mg/Kg		95	80 - 120	1	30
tert-Butylbenzene	0.0200	0.0185		mg/Kg		93	80 - 120	3	30
Tetrachloroethene	0.0200	0.0197		mg/Kg		99	73 - 120	4	30
Toluene	0.0200	0.0186		mg/Kg		93	80 - 120	2	30
trans-1,2-Dichloroethene	0.0200	0.0193		mg/Kg		96	78 - 120	5	30
trans-1,3-Dichloropropene	0.0200	0.0176		mg/Kg		88	77 - 120	3	30
Trichloroethene	0.0200	0.0192		mg/Kg		96	80 - 120	4	30
Trichlorofluoromethane	0.0200	0.0194		mg/Kg		97	61 - 130	6	30
Vinyl chloride	0.0200	0.0201		mg/Kg		100	54 - 122	5	30
Xylenes, Total	0.0400	0.0389		mg/Kg		97	80 - 120	3	30

Surrogate	*LCSD %Recovery*	*LCSD Qualifier*	*Limits*
1,2-Dichloroethane-d4 (Surr)	*96*		*65 - 138*
4-Bromofluorobenzene	*100*		*71 - 128*
Dibromofluoromethane (Surr)	*97*		*50 - 150*
Toluene-d8 (Surr)	*98*		*71 - 126*

Lab Sample ID: MB 460-1066601/7
Matrix: Solid
Analysis Batch: 1066601

Client Sample ID: Method Blank
Prep Type: Total/NA

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1-Trichloroethane	0.0010	U	0.0010	0.00023	mg/Kg			10/08/25 22:10	1
1,1,2,2-Tetrachloroethane	0.0010	U	0.0010	0.00052	mg/Kg			10/08/25 22:10	1
1,1,2-Trichloro-1,2,2-trifluoroethane	0.0010	U	0.0010	0.00030	mg/Kg			10/08/25 22:10	1
1,1,2-Trichloroethane	0.0010	U	0.0010	0.00060	mg/Kg			10/08/25 22:10	1

Method: 8260D - Volatile Organic Compounds by GC/MS (Continued)

Lab Sample ID: MB 460-1066601/7
Matrix: Solid
Analysis Batch: 1066601

Client Sample ID: Method Blank
Prep Type: Total/NA

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1-Dichloroethane	0.0010	U	0.0010	0.00060	mg/Kg			10/08/25 22:10	1
1,1-Dichloroethene	0.0010	U	0.0010	0.00023	mg/Kg			10/08/25 22:10	1
1,2,3-Trichlorobenzene	0.0010	U	0.0010	0.00074	mg/Kg			10/08/25 22:10	1
1,2,4-Trichlorobenzene	0.0010	U	0.0010	0.00036	mg/Kg			10/08/25 22:10	1
1,2,4-Trimethylbenzene	0.0010	U	0.0010	0.00025	mg/Kg			10/08/25 22:10	1
1,2-Dibromo-3-Chloropropane	0.0010	U	0.0010	0.00046	mg/Kg			10/08/25 22:10	1
1,2-Dichlorobenzene	0.0010	U	0.0010	0.00036	mg/Kg			10/08/25 22:10	1
1,2-Dichloroethane	0.0010	U	0.0010	0.00030	mg/Kg			10/08/25 22:10	1
1,2-Dichloropropane	0.0010	U	0.0010	0.00042	mg/Kg			10/08/25 22:10	1
1,3,5-Trimethylbenzene	0.0010	U	0.0010	0.00031	mg/Kg			10/08/25 22:10	1
1,3-Dichlorobenzene	0.0010	U	0.0010	0.00037	mg/Kg			10/08/25 22:10	1
1,4-Dichlorobenzene	0.0010	U	0.0010	0.00052	mg/Kg			10/08/25 22:10	1
2-Butanone (MEK)	0.0050	U	0.0050	0.00037	mg/Kg			10/08/25 22:10	1
2-Hexanone	0.0050	U	0.0050	0.0017	mg/Kg			10/08/25 22:10	1
4-Methyl-2-pentanone (MIBK)	0.0050	U	0.0050	0.0016	mg/Kg			10/08/25 22:10	1
Acetone	0.0060	U	0.0060	0.0057	mg/Kg			10/08/25 22:10	1
Benzene	0.0010	U	0.0010	0.00057	mg/Kg			10/08/25 22:10	1
Bromoform	0.0010	U	0.0010	0.00043	mg/Kg			10/08/25 22:10	1
Bromomethane	0.0020	U	0.0020	0.0010	mg/Kg			10/08/25 22:10	1
Carbon disulfide	0.0010	U	0.0010	0.00027	mg/Kg			10/08/25 22:10	1
Carbon tetrachloride	0.0010	U	0.0010	0.00039	mg/Kg			10/08/25 22:10	1
Chlorobenzene	0.0010	U	0.0010	0.00051	mg/Kg			10/08/25 22:10	1
Chlorobromomethane	0.0010	U	0.0010	0.00060	mg/Kg			10/08/25 22:10	1
Chlorodibromomethane	0.0010	U	0.0010	0.00054	mg/Kg			10/08/25 22:10	1
Chloroethane	0.0010	U	0.0010	0.00052	mg/Kg			10/08/25 22:10	1
Chloroform	0.0010	U	0.0010	0.00097	mg/Kg			10/08/25 22:10	1
Chloromethane	0.0010	U	0.0010	0.00044	mg/Kg			10/08/25 22:10	1
cis-1,2-Dichloroethene	0.0010	U	0.0010	0.00036	mg/Kg			10/08/25 22:10	1
cis-1,3-Dichloropropene	0.0010	U	0.0010	0.00027	mg/Kg			10/08/25 22:10	1
Cyclohexane	0.0010	U	0.0010	0.00022	mg/Kg			10/08/25 22:10	1
Dichlorobromomethane	0.0010	U	0.0010	0.00026	mg/Kg			10/08/25 22:10	1
Dichlorodifluoromethane	0.0010	U	0.0010	0.00034	mg/Kg			10/08/25 22:10	1
Ethylbenzene	0.0010	U	0.0010	0.00047	mg/Kg			10/08/25 22:10	1
Ethylene Dibromide	0.0010	U	0.0010	0.00050	mg/Kg			10/08/25 22:10	1
Isopropylbenzene	0.0010	U	0.0010	0.00029	mg/Kg			10/08/25 22:10	1
Methyl acetate	0.0050	U	0.0050	0.0043	mg/Kg			10/08/25 22:10	1
Methyl tert-butyl ether	0.0010	U	0.0010	0.00051	mg/Kg			10/08/25 22:10	1
Methylcyclohexane	0.0010	U	0.0010	0.00050	mg/Kg			10/08/25 22:10	1
Methylene Chloride	0.0020	U	0.0020	0.0011	mg/Kg			10/08/25 22:10	1
m-Xylene & p-Xylene	0.0010	U	0.0010	0.00042	mg/Kg			10/08/25 22:10	1
n-Butylbenzene	0.0010	U	0.0010	0.00029	mg/Kg			10/08/25 22:10	1
N-Propylbenzene	0.0010	U	0.0010	0.00045	mg/Kg			10/08/25 22:10	1
o-Xylene	0.0010	U	0.0010	0.00046	mg/Kg			10/08/25 22:10	1
sec-Butylbenzene	0.0010	U	0.0010	0.00029	mg/Kg			10/08/25 22:10	1
Styrene	0.0010	U	0.0010	0.00028	mg/Kg			10/08/25 22:10	1
tert-Butylbenzene	0.0010	U	0.0010	0.00028	mg/Kg			10/08/25 22:10	1
Tetrachloroethene	0.0010	U	0.0010	0.00031	mg/Kg			10/08/25 22:10	1
Toluene	0.0010	U	0.0010	0.00023	mg/Kg			10/08/25 22:10	1
trans-1,2-Dichloroethene	0.0010	U	0.0010	0.00025	mg/Kg			10/08/25 22:10	1

Method: 8260D - Volatile Organic Compounds by GC/MS (Continued)

Lab Sample ID: MB 460-1066601/7
Matrix: Solid
Analysis Batch: 1066601

Client Sample ID: Method Blank
Prep Type: Total/NA

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
trans-1,3-Dichloropropene	0.0010	U	0.0010	0.00027	mg/Kg			10/08/25 22:10	1
Trichloroethene	0.0010	U	0.0010	0.00032	mg/Kg			10/08/25 22:10	1
Trichlorofluoromethane	0.0010	U	0.0010	0.00041	mg/Kg			10/08/25 22:10	1
Vinyl chloride	0.0010	U	0.0010	0.00055	mg/Kg			10/08/25 22:10	1
Xylenes, Total	0.0020	U	0.0020	0.00017	mg/Kg			10/08/25 22:10	1

Surrogate	*MB %Recovery*	*MB Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,2-Dichloroethane-d4 (Surr)	*92*		*65 - 138*		*10/08/25 22:10*	*1*
4-Bromofluorobenzene	*92*		*71 - 128*		*10/08/25 22:10*	*1*
Dibromofluoromethane (Surr)	*99*		*50 - 150*		*10/08/25 22:10*	*1*
Toluene-d8 (Surr)	*100*		*71 - 126*		*10/08/25 22:10*	*1*

Lab Sample ID: LCS 460-1066601/3
Matrix: Solid
Analysis Batch: 1066601

Client Sample ID: Lab Control Sample
Prep Type: Total/NA

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
1,1,1-Trichloroethane	0.0200	0.0168		mg/Kg		84	78 - 120
1,1,2,2-Tetrachloroethane	0.0200	0.0190		mg/Kg		95	70 - 133
1,1,2-Trichloro-1,2,2-trifluoroethane	0.0200	0.0183		mg/Kg		92	75 - 121
1,1,2-Trichloroethane	0.0200	0.0200		mg/Kg		100	80 - 120
1,1-Dichloroethane	0.0200	0.0185		mg/Kg		93	72 - 120
1,1-Dichloroethene	0.0200	0.0194		mg/Kg		97	76 - 120
1,2,3-Trichlorobenzene	0.0200	0.0182		mg/Kg		91	77 - 137
1,2,4-Trichlorobenzene	0.0200	0.0172		mg/Kg		86	77 - 136
1,2,4-Trimethylbenzene	0.0200	0.0189		mg/Kg		95	75 - 120
1,2-Dibromo-3-Chloropropane	0.0200	0.0186		mg/Kg		93	80 - 124
1,2-Dichlorobenzene	0.0200	0.0197		mg/Kg		99	80 - 120
1,2-Dichloroethane	0.0200	0.0166		mg/Kg		83	70 - 123
1,2-Dichloropropane	0.0200	0.0188		mg/Kg		94	73 - 124
1,3,5-Trimethylbenzene	0.0200	0.0189		mg/Kg		95	70 - 120
1,3-Dichlorobenzene	0.0200	0.0197		mg/Kg		98	80 - 120
1,4-Dichlorobenzene	0.0200	0.0188		mg/Kg		94	80 - 120
2-Butanone (MEK)	0.100	0.108		mg/Kg		108	64 - 128
2-Hexanone	0.100	0.102		mg/Kg		102	75 - 120
4-Methyl-2-pentanone (MIBK)	0.100	0.104		mg/Kg		104	80 - 120
Acetone	0.100	0.100		mg/Kg		100	58 - 122
Benzene	0.0200	0.0191		mg/Kg		96	75 - 120
Bromoform	0.0200	0.0189		mg/Kg		94	61 - 125
Bromomethane	0.0200	0.0140		mg/Kg		70	37 - 150
Carbon disulfide	0.0200	0.0176		mg/Kg		88	57 - 133
Carbon tetrachloride	0.0200	0.0164		mg/Kg		82	66 - 127
Chlorobenzene	0.0200	0.0193		mg/Kg		96	80 - 120
Chlorobromomethane	0.0200	0.0201		mg/Kg		100	76 - 127
Chlorodibromomethane	0.0200	0.0187		mg/Kg		93	72 - 120
Chloroethane	0.0200	0.0168		mg/Kg		84	60 - 123
Chloroform	0.0200	0.0179		mg/Kg		90	79 - 126
Chloromethane	0.0200	0.0189		mg/Kg		95	46 - 122

Method: 8260D - Volatile Organic Compounds by GC/MS (Continued)

Lab Sample ID: LCS 460-1066601/3
Matrix: Solid
Analysis Batch: 1066601

Client Sample ID: Lab Control Sample
Prep Type: Total/NA

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
cis-1,2-Dichloroethene	0.0200	0.0186		mg/Kg		93	80 - 123
cis-1,3-Dichloropropene	0.0200	0.0175		mg/Kg		88	75 - 120
Cyclohexane	0.0200	0.0191		mg/Kg		95	65 - 132
Dichlorobromomethane	0.0200	0.0176		mg/Kg		88	77 - 124
Dichlorodifluoromethane	0.0200	0.0199		mg/Kg		100	45 - 129
Ethylbenzene	0.0200	0.0191		mg/Kg		96	80 - 120
Ethylene Dibromide	0.0200	0.0194		mg/Kg		97	79 - 120
Isopropylbenzene	0.0200	0.0192		mg/Kg		96	74 - 120
Methyl acetate	0.0400	0.0348		mg/Kg		87	57 - 120
Methyl tert-butyl ether	0.0200	0.0180		mg/Kg		90	74 - 125
Methylcyclohexane	0.0200	0.0189		mg/Kg		94	66 - 125
Methylene Chloride	0.0200	0.0205		mg/Kg		103	78 - 120
m-Xylene & p-Xylene	0.0200	0.0192		mg/Kg		96	80 - 120
n-Butylbenzene	0.0200	0.0184		mg/Kg		92	72 - 120
N-Propylbenzene	0.0200	0.0187		mg/Kg		94	68 - 120
o-Xylene	0.0200	0.0200		mg/Kg		100	80 - 120
sec-Butylbenzene	0.0200	0.0193		mg/Kg		96	78 - 120
Styrene	0.0200	0.0196		mg/Kg		98	80 - 120
tert-Butylbenzene	0.0200	0.0191		mg/Kg		96	80 - 120
Tetrachloroethene	0.0200	0.0175		mg/Kg		88	73 - 120
Toluene	0.0200	0.0186		mg/Kg		93	80 - 120
trans-1,2-Dichloroethene	0.0200	0.0184		mg/Kg		92	78 - 120
trans-1,3-Dichloropropene	0.0200	0.0166		mg/Kg		83	77 - 120
Trichloroethene	0.0200	0.0188		mg/Kg		94	80 - 120
Trichlorofluoromethane	0.0200	0.0152		mg/Kg		76	61 - 130
Vinyl chloride	0.0200	0.0166		mg/Kg		83	54 - 122
Xylenes, Total	0.0400	0.0392		mg/Kg		98	80 - 120

Surrogate	*LCS %Recovery*	*LCS Qualifier*	*Limits*
1,2-Dichloroethane-d4 (Surr)	*86*		*65 - 138*
4-Bromofluorobenzene	*96*		*71 - 128*
Dibromofluoromethane (Surr)	*92*		*50 - 150*
Toluene-d8 (Surr)	*99*		*71 - 126*

Lab Sample ID: LCSD 460-1066601/4
Matrix: Solid
Analysis Batch: 1066601

Client Sample ID: Lab Control Sample Dup
Prep Type: Total/NA

Analyte	Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
1,1,1-Trichloroethane	0.0200	0.0172		mg/Kg		86	78 - 120	2	30
1,1,2,2-Tetrachloroethane	0.0200	0.0193		mg/Kg		97	70 - 133	2	30
1,1,2-Trichloro-1,2,2-trifluoroethane	0.0200	0.0190		mg/Kg		95	75 - 121	4	30
1,1,2-Trichloroethane	0.0200	0.0198		mg/Kg		99	80 - 120	1	30
1,1-Dichloroethane	0.0200	0.0187		mg/Kg		93	72 - 120	1	30
1,1-Dichloroethene	0.0200	0.0203		mg/Kg		101	76 - 120	4	30
1,2,3-Trichlorobenzene	0.0200	0.0179		mg/Kg		90	77 - 137	1	30
1,2,4-Trichlorobenzene	0.0200	0.0168		mg/Kg		84	77 - 136	2	30
1,2,4-Trimethylbenzene	0.0200	0.0193		mg/Kg		97	75 - 120	2	30

Method: 8260D - Volatile Organic Compounds by GC/MS (Continued)

Lab Sample ID: LCSD 460-1066601/4
Matrix: Solid
Analysis Batch: 1066601

Client Sample ID: Lab Control Sample Dup
Prep Type: Total/NA

Analyte	Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
1,2-Dibromo-3-Chloropropane	0.0200	0.0181		mg/Kg		90	80 - 124	3	30
1,2-Dichlorobenzene	0.0200	0.0196		mg/Kg		98	80 - 120	1	30
1,2-Dichloroethane	0.0200	0.0163		mg/Kg		82	70 - 123	2	30
1,2-Dichloropropane	0.0200	0.0188		mg/Kg		94	73 - 124	0	30
1,3,5-Trimethylbenzene	0.0200	0.0192		mg/Kg		96	70 - 120	2	30
1,3-Dichlorobenzene	0.0200	0.0196		mg/Kg		98	80 - 120	1	30
1,4-Dichlorobenzene	0.0200	0.0189		mg/Kg		94	80 - 120	0	30
2-Butanone (MEK)	0.100	0.105		mg/Kg		105	64 - 128	2	30
2-Hexanone	0.100	0.0999		mg/Kg		100	75 - 120	2	30
4-Methyl-2-pentanone (MIBK)	0.100	0.101		mg/Kg		101	80 - 120	3	30
Acetone	0.100	0.0991		mg/Kg		99	58 - 122	1	30
Benzene	0.0200	0.0194		mg/Kg		97	75 - 120	2	30
Bromoform	0.0200	0.0185		mg/Kg		93	61 - 125	2	30
Bromomethane	0.0200	0.0139		mg/Kg		70	37 - 150	0	30
Carbon disulfide	0.0200	0.0183		mg/Kg		92	57 - 133	4	30
Carbon tetrachloride	0.0200	0.0166		mg/Kg		83	66 - 127	1	30
Chlorobenzene	0.0200	0.0193		mg/Kg		97	80 - 120	0	30
Chlorobromomethane	0.0200	0.0198		mg/Kg		99	76 - 127	1	30
Chlorodibromomethane	0.0200	0.0185		mg/Kg		92	72 - 120	1	30
Chloroethane	0.0200	0.0162		mg/Kg		81	60 - 123	3	30
Chloroform	0.0200	0.0183		mg/Kg		92	79 - 126	2	30
Chloromethane	0.0200	0.0206		mg/Kg		103	46 - 122	9	30
cis-1,2-Dichloroethene	0.0200	0.0185		mg/Kg		93	80 - 123	1	30
cis-1,3-Dichloropropene	0.0200	0.0175		mg/Kg		88	75 - 120	0	30
Cyclohexane	0.0200	0.0197		mg/Kg		98	65 - 132	3	30
Dichlorobromomethane	0.0200	0.0174		mg/Kg		87	77 - 124	1	30
Dichlorodifluoromethane	0.0200	0.0239		mg/Kg		120	45 - 129	18	30
Ethylbenzene	0.0200	0.0199		mg/Kg		99	80 - 120	4	30
Ethylene Dibromide	0.0200	0.0193		mg/Kg		97	79 - 120	0	30
Isopropylbenzene	0.0200	0.0200		mg/Kg		100	74 - 120	4	30
Methyl acetate	0.0400	0.0331		mg/Kg		83	57 - 120	5	30
Methyl tert-butyl ether	0.0200	0.0175		mg/Kg		88	74 - 125	3	30
Methylcyclohexane	0.0200	0.0198		mg/Kg		99	66 - 125	5	30
Methylene Chloride	0.0200	0.0207		mg/Kg		104	78 - 120	1	30
m-Xylene & p-Xylene	0.0200	0.0198		mg/Kg		99	80 - 120	3	30
n-Butylbenzene	0.0200	0.0189		mg/Kg		95	72 - 120	3	30
N-Propylbenzene	0.0200	0.0193		mg/Kg		97	68 - 120	3	30
o-Xylene	0.0200	0.0202		mg/Kg		101	80 - 120	1	30
sec-Butylbenzene	0.0200	0.0199		mg/Kg		99	78 - 120	3	30
Styrene	0.0200	0.0200		mg/Kg		100	80 - 120	2	30
tert-Butylbenzene	0.0200	0.0199		mg/Kg		99	80 - 120	4	30
Tetrachloroethene	0.0200	0.0179		mg/Kg		89	73 - 120	2	30
Toluene	0.0200	0.0187		mg/Kg		94	80 - 120	1	30
trans-1,2-Dichloroethene	0.0200	0.0186		mg/Kg		93	78 - 120	1	30
trans-1,3-Dichloropropene	0.0200	0.0164		mg/Kg		82	77 - 120	1	30
Trichloroethene	0.0200	0.0183		mg/Kg		92	80 - 120	3	30
Trichlorofluoromethane	0.0200	0.0181		mg/Kg		90	61 - 130	17	30
Vinyl chloride	0.0200	0.0191		mg/Kg		95	54 - 122	14	30
Xylenes, Total	0.0400	0.0399		mg/Kg		100	80 - 120	2	30

Method: 8260D - Volatile Organic Compounds by GC/MS (Continued)

Surrogate	LCSD %Recovery	LCSD Qualifier	Limits
1,2-Dichloroethane-d4 (Surr)	85		65 - 138
4-Bromofluorobenzene	96		71 - 128
Dibromofluoromethane (Surr)	91		50 - 150
Toluene-d8 (Surr)	98		71 - 126

Lab Sample ID: MB 460-1066734/7
Matrix: Solid
Analysis Batch: 1066734

Client Sample ID: Method Blank
Prep Type: Total/NA

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1-Trichloroethane	0.0010	U	0.0010	0.00023	mg/Kg			10/08/25 14:50	1
1,1,2,2-Tetrachloroethane	0.0010	U	0.0010	0.00052	mg/Kg			10/08/25 14:50	1
1,1,2-Trichloro-1,2,2-trifluoroethane	0.0010	U	0.0010	0.00030	mg/Kg			10/08/25 14:50	1
1,1,2-Trichloroethane	0.0010	U	0.0010	0.00060	mg/Kg			10/08/25 14:50	1
1,1-Dichloroethane	0.0010	U	0.0010	0.00060	mg/Kg			10/08/25 14:50	1
1,1-Dichloroethene	0.0010	U	0.0010	0.00023	mg/Kg			10/08/25 14:50	1
1,2,3-Trichlorobenzene	0.0010	U	0.0010	0.00074	mg/Kg			10/08/25 14:50	1
1,2,4-Trichlorobenzene	0.0010	U	0.0010	0.00036	mg/Kg			10/08/25 14:50	1
1,2,4-Trimethylbenzene	0.0010	U	0.0010	0.00025	mg/Kg			10/08/25 14:50	1
1,2-Dibromo-3-Chloropropane	0.0010	U	0.0010	0.00046	mg/Kg			10/08/25 14:50	1
1,2-Dichlorobenzene	0.0010	U	0.0010	0.00036	mg/Kg			10/08/25 14:50	1
1,2-Dichloroethane	0.0010	U	0.0010	0.00030	mg/Kg			10/08/25 14:50	1
1,2-Dichloropropane	0.0010	U	0.0010	0.00042	mg/Kg			10/08/25 14:50	1
1,3,5-Trimethylbenzene	0.0010	U	0.0010	0.00031	mg/Kg			10/08/25 14:50	1
1,3-Dichlorobenzene	0.0010	U	0.0010	0.00037	mg/Kg			10/08/25 14:50	1
1,4-Dichlorobenzene	0.0010	U	0.0010	0.00052	mg/Kg			10/08/25 14:50	1
2-Butanone (MEK)	0.0050	U	0.0050	0.00037	mg/Kg			10/08/25 14:50	1
2-Hexanone	0.0050	U	0.0050	0.0017	mg/Kg			10/08/25 14:50	1
4-Methyl-2-pentanone (MIBK)	0.0050	U	0.0050	0.0016	mg/Kg			10/08/25 14:50	1
Acetone	0.0060	U	0.0060	0.0057	mg/Kg			10/08/25 14:50	1
Benzene	0.0010	U	0.0010	0.00057	mg/Kg			10/08/25 14:50	1
Bromoform	0.0010	U	0.0010	0.00043	mg/Kg			10/08/25 14:50	1
Bromomethane	0.0020	U	0.0020	0.0010	mg/Kg			10/08/25 14:50	1
Carbon disulfide	0.0010	U	0.0010	0.00027	mg/Kg			10/08/25 14:50	1
Carbon tetrachloride	0.0010	U	0.0010	0.00039	mg/Kg			10/08/25 14:50	1
Chlorobenzene	0.0010	U	0.0010	0.00051	mg/Kg			10/08/25 14:50	1
Chlorobromomethane	0.0010	U	0.0010	0.00060	mg/Kg			10/08/25 14:50	1
Chlorodibromomethane	0.0010	U	0.0010	0.00054	mg/Kg			10/08/25 14:50	1
Chloroethane	0.0010	U	0.0010	0.00052	mg/Kg			10/08/25 14:50	1
Chloroform	0.0010	U	0.0010	0.00097	mg/Kg			10/08/25 14:50	1
Chloromethane	0.0010	U	0.0010	0.00044	mg/Kg			10/08/25 14:50	1
cis-1,2-Dichloroethene	0.0010	U	0.0010	0.00036	mg/Kg			10/08/25 14:50	1
cis-1,3-Dichloropropene	0.0010	U	0.0010	0.00027	mg/Kg			10/08/25 14:50	1
Cyclohexane	0.0010	U	0.0010	0.00022	mg/Kg			10/08/25 14:50	1
Dichlorobromomethane	0.0010	U	0.0010	0.00026	mg/Kg			10/08/25 14:50	1
Dichlorodifluoromethane	0.0010	U	0.0010	0.00034	mg/Kg			10/08/25 14:50	1
Ethylbenzene	0.0010	U	0.0010	0.00047	mg/Kg			10/08/25 14:50	1
Ethylene Dibromide	0.0010	U	0.0010	0.00050	mg/Kg			10/08/25 14:50	1
Isopropylbenzene	0.0010	U	0.0010	0.00029	mg/Kg			10/08/25 14:50	1
Methyl acetate	0.0050	U	0.0050	0.0043	mg/Kg			10/08/25 14:50	1
Methyl tert-butyl ether	0.0010	U	0.0010	0.00051	mg/Kg			10/08/25 14:50	1

Method: 8260D - Volatile Organic Compounds by GC/MS (Continued)

Lab Sample ID: MB 460-1066734/7
Matrix: Solid
Analysis Batch: 1066734

Client Sample ID: Method Blank
Prep Type: Total/NA

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Methylcyclohexane	0.0010	U	0.0010	0.00050	mg/Kg			10/08/25 14:50	1
Methylene Chloride	0.0020	U	0.0020	0.0011	mg/Kg			10/08/25 14:50	1
m-Xylene & p-Xylene	0.0010	U	0.0010	0.00042	mg/Kg			10/08/25 14:50	1
n-Butylbenzene	0.0010	U	0.0010	0.00029	mg/Kg			10/08/25 14:50	1
N-Propylbenzene	0.0010	U	0.0010	0.00045	mg/Kg			10/08/25 14:50	1
o-Xylene	0.0010	U	0.0010	0.00046	mg/Kg			10/08/25 14:50	1
sec-Butylbenzene	0.0010	U	0.0010	0.00029	mg/Kg			10/08/25 14:50	1
Styrene	0.0010	U	0.0010	0.00028	mg/Kg			10/08/25 14:50	1
tert-Butylbenzene	0.0010	U	0.0010	0.00028	mg/Kg			10/08/25 14:50	1
Tetrachloroethene	0.0010	U	0.0010	0.00031	mg/Kg			10/08/25 14:50	1
Toluene	0.0010	U	0.0010	0.00023	mg/Kg			10/08/25 14:50	1
trans-1,2-Dichloroethene	0.0010	U	0.0010	0.00025	mg/Kg			10/08/25 14:50	1
trans-1,3-Dichloropropene	0.0010	U	0.0010	0.00027	mg/Kg			10/08/25 14:50	1
Trichloroethene	0.0010	U	0.0010	0.00032	mg/Kg			10/08/25 14:50	1
Trichlorofluoromethane	0.0010	U	0.0010	0.00041	mg/Kg			10/08/25 14:50	1
Vinyl chloride	0.0010	U	0.0010	0.00055	mg/Kg			10/08/25 14:50	1
Xylenes, Total	0.0020	U	0.0020	0.00017	mg/Kg			10/08/25 14:50	1

Surrogate	*MB %Recovery*	*MB Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,2-Dichloroethane-d4 (Surr)	*108*		*65 - 138*		*10/08/25 14:50*	*1*
4-Bromofluorobenzene	*95*		*71 - 128*		*10/08/25 14:50*	*1*
Dibromofluoromethane (Surr)	*117*		*50 - 150*		*10/08/25 14:50*	*1*
Toluene-d8 (Surr)	*95*		*71 - 126*		*10/08/25 14:50*	*1*

Lab Sample ID: LCS 460-1066734/3
Matrix: Solid
Analysis Batch: 1066734

Client Sample ID: Lab Control Sample
Prep Type: Total/NA

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
1,1,1-Trichloroethane	0.0200	0.0172		mg/Kg		86	78 - 120
1,1,2,2-Tetrachloroethane	0.0200	0.0184		mg/Kg		92	70 - 133
1,1,2-Trichloro-1,2,2-trifluoroethane	0.0200	0.0170		mg/Kg		85	75 - 121
1,1,2-Trichloroethane	0.0200	0.0201		mg/Kg		101	80 - 120
1,1-Dichloroethane	0.0200	0.0170		mg/Kg		85	72 - 120
1,1-Dichloroethene	0.0200	0.0164		mg/Kg		82	76 - 120
1,2,3-Trichlorobenzene	0.0200	0.0188		mg/Kg		94	77 - 137
1,2,4-Trichlorobenzene	0.0200	0.0172		mg/Kg		86	77 - 136
1,2,4-Trimethylbenzene	0.0200	0.0171		mg/Kg		86	75 - 120
1,2-Dibromo-3-Chloropropane	0.0200	0.0174		mg/Kg		87	80 - 124
1,2-Dichlorobenzene	0.0200	0.0199		mg/Kg		100	80 - 120
1,2-Dichloroethane	0.0200	0.0193		mg/Kg		96	70 - 123
1,2-Dichloropropane	0.0200	0.0174		mg/Kg		87	73 - 124
1,3,5-Trimethylbenzene	0.0200	0.0172		mg/Kg		86	70 - 120
1,3-Dichlorobenzene	0.0200	0.0183		mg/Kg		92	80 - 120
1,4-Dichlorobenzene	0.0200	0.0185		mg/Kg		93	80 - 120
2-Butanone (MEK)	0.100	0.105		mg/Kg		105	64 - 128
2-Hexanone	0.100	0.111		mg/Kg		111	75 - 120
4-Methyl-2-pentanone (MIBK)	0.100	0.115		mg/Kg		115	80 - 120

Method: 8260D - Volatile Organic Compounds by GC/MS (Continued)

Lab Sample ID: LCS 460-1066734/3
Matrix: Solid
Analysis Batch: 1066734

Client Sample ID: Lab Control Sample
Prep Type: Total/NA

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
Acetone	0.100	0.105		mg/Kg		105	58 - 122
Benzene	0.0200	0.0172		mg/Kg		86	75 - 120
Bromoform	0.0200	0.0191		mg/Kg		95	61 - 125
Bromomethane	0.0200	0.0146		mg/Kg		73	37 - 150
Carbon disulfide	0.0200	0.0159		mg/Kg		80	57 - 133
Carbon tetrachloride	0.0200	0.0160		mg/Kg		80	66 - 127
Chlorobenzene	0.0200	0.0185		mg/Kg		92	80 - 120
Chlorobromomethane	0.0200	0.0203		mg/Kg		102	76 - 127
Chlorodibromomethane	0.0200	0.0193		mg/Kg		96	72 - 120
Chloroethane	0.0200	0.0155		mg/Kg		78	60 - 123
Chloroform	0.0200	0.0181		mg/Kg		91	79 - 126
Chloromethane	0.0200	0.0158		mg/Kg		79	46 - 122
cis-1,2-Dichloroethene	0.0200	0.0182		mg/Kg		91	80 - 123
cis-1,3-Dichloropropene	0.0200	0.0170		mg/Kg		85	75 - 120
Cyclohexane	0.0200	0.0171		mg/Kg		86	65 - 132
Dichlorobromomethane	0.0200	0.0186		mg/Kg		93	77 - 124
Dichlorodifluoromethane	0.0200	0.0186		mg/Kg		93	45 - 129
Ethylbenzene	0.0200	0.0180		mg/Kg		90	80 - 120
Ethylene Dibromide	0.0200	0.0206		mg/Kg		103	79 - 120
Isopropylbenzene	0.0200	0.0172		mg/Kg		86	74 - 120
Methyl acetate	0.0400	0.0361		mg/Kg		90	57 - 120
Methyl tert-butyl ether	0.0200	0.0189		mg/Kg		94	74 - 125
Methylcyclohexane	0.0200	0.0164		mg/Kg		82	66 - 125
Methylene Chloride	0.0200	0.0194		mg/Kg		97	78 - 120
m-Xylene & p-Xylene	0.0200	0.0181		mg/Kg		90	80 - 120
n-Butylbenzene	0.0200	0.0160		mg/Kg		80	72 - 120
N-Propylbenzene	0.0200	0.0169		mg/Kg		84	68 - 120
o-Xylene	0.0200	0.0185		mg/Kg		93	80 - 120
sec-Butylbenzene	0.0200	0.0163		mg/Kg		82	78 - 120
Styrene	0.0200	0.0182		mg/Kg		91	80 - 120
tert-Butylbenzene	0.0200	0.0167		mg/Kg		84	80 - 120
Tetrachloroethene	0.0200	0.0177		mg/Kg		89	73 - 120
Toluene	0.0200	0.0173		mg/Kg		86	80 - 120
trans-1,2-Dichloroethene	0.0200	0.0175		mg/Kg		87	78 - 120
trans-1,3-Dichloropropene	0.0200	0.0170		mg/Kg		85	77 - 120
Trichloroethene	0.0200	0.0183		mg/Kg		92	80 - 120
Trichlorofluoromethane	0.0200	0.0168		mg/Kg		84	61 - 130
Vinyl chloride	0.0200	0.0169		mg/Kg		85	54 - 122
Xylenes, Total	0.0400	0.0366		mg/Kg		91	80 - 120

Surrogate	*LCS %Recovery*	*LCS Qualifier*	*Limits*
1,2-Dichloroethane-d4 (Surr)	*96*		*65 - 138*
4-Bromofluorobenzene	*101*		*71 - 128*
Dibromofluoromethane (Surr)	*96*		*50 - 150*
Toluene-d8 (Surr)	*97*		*71 - 126*

Method: 8260D - Volatile Organic Compounds by GC/MS (Continued)

Lab Sample ID: LCSD 460-1066734/4
Matrix: Solid
Analysis Batch: 1066734

Client Sample ID: Lab Control Sample Dup
Prep Type: Total/NA

Analyte			Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
1,1,1-Trichloroethane			0.0200	0.0186		mg/Kg		93	78 - 120	8	30
1,1,2,2-Tetrachloroethane			0.0200	0.0192		mg/Kg		96	70 - 133	4	30
1,1,2-Trichloro-1,2,2-trifluoroethane			0.0200	0.0193		mg/Kg		97	75 - 121	13	30
1,1,2-Trichloroethane			0.0200	0.0212		mg/Kg		106	80 - 120	5	30
1,1-Dichloroethane			0.0200	0.0184		mg/Kg		92	72 - 120	8	30
1,1-Dichloroethene			0.0200	0.0186		mg/Kg		93	76 - 120	12	30
1,2,3-Trichlorobenzene			0.0200	0.0190		mg/Kg		95	77 - 137	1	30
1,2,4-Trichlorobenzene			0.0200	0.0175		mg/Kg		88	77 - 136	1	30
1,2,4-Trimethylbenzene			0.0200	0.0181		mg/Kg		91	75 - 120	6	30
1,2-Dibromo-3-Chloropropane			0.0200	0.0178		mg/Kg		89	80 - 124	2	30
1,2-Dichlorobenzene			0.0200	0.0204		mg/Kg		102	80 - 120	2	30
1,2-Dichloroethane			0.0200	0.0200		mg/Kg		100	70 - 123	4	30
1,2-Dichloropropane			0.0200	0.0184		mg/Kg		92	73 - 124	6	30
1,3,5-Trimethylbenzene			0.0200	0.0183		mg/Kg		91	70 - 120	6	30
1,3-Dichlorobenzene			0.0200	0.0189		mg/Kg		95	80 - 120	3	30
1,4-Dichlorobenzene			0.0200	0.0191		mg/Kg		96	80 - 120	3	30
2-Butanone (MEK)			0.100	0.109		mg/Kg		109	64 - 128	4	30
2-Hexanone			0.100	0.112		mg/Kg		112	75 - 120	1	30
4-Methyl-2-pentanone (MIBK)			0.100	0.118		mg/Kg		118	80 - 120	3	30
Acetone			0.100	0.111		mg/Kg		111	58 - 122	6	30
Benzene			0.0200	0.0184		mg/Kg		92	75 - 120	7	30
Bromoform			0.0200	0.0193		mg/Kg		96	61 - 125	1	30
Bromomethane			0.0200	0.0200	*	mg/Kg		100	37 - 150	31	30
Carbon disulfide			0.0200	0.0177		mg/Kg		88	57 - 133	10	30
Carbon tetrachloride			0.0200	0.0177		mg/Kg		88	66 - 127	10	30
Chlorobenzene			0.0200	0.0192		mg/Kg		96	80 - 120	4	30
Chlorobromomethane			0.0200	0.0212		mg/Kg		106	76 - 127	4	30
Chlorodibromomethane			0.0200	0.0196		mg/Kg		98	72 - 120	2	30
Chloroethane			0.0200	0.0180		mg/Kg		90	60 - 123	15	30
Chloroform			0.0200	0.0185		mg/Kg		93	79 - 126	2	30
Chloromethane			0.0200	0.0173		mg/Kg		86	46 - 122	9	30
cis-1,2-Dichloroethene			0.0200	0.0194		mg/Kg		97	80 - 123	6	30
cis-1,3-Dichloropropene			0.0200	0.0183		mg/Kg		91	75 - 120	7	30
Cyclohexane			0.0200	0.0191		mg/Kg		96	65 - 132	11	30
Dichlorobromomethane			0.0200	0.0194		mg/Kg		97	77 - 124	4	30
Dichlorodifluoromethane			0.0200	0.0214		mg/Kg		107	45 - 129	14	30
Ethylbenzene			0.0200	0.0192		mg/Kg		96	80 - 120	6	30
Ethylene Dibromide			0.0200	0.0211		mg/Kg		106	79 - 120	2	30
Isopropylbenzene			0.0200	0.0185		mg/Kg		92	74 - 120	7	30
Methyl acetate			0.0400	0.0351		mg/Kg		88	57 - 120	3	30
Methyl tert-butyl ether			0.0200	0.0193		mg/Kg		96	74 - 125	2	30
Methylcyclohexane			0.0200	0.0185		mg/Kg		93	66 - 125	12	30
Methylene Chloride			0.0200	0.0198		mg/Kg		99	78 - 120	2	30
m-Xylene & p-Xylene			0.0200	0.0190		mg/Kg		95	80 - 120	5	30
n-Butylbenzene			0.0200	0.0173		mg/Kg		87	72 - 120	8	30
N-Propylbenzene			0.0200	0.0181		mg/Kg		91	68 - 120	7	30
o-Xylene			0.0200	0.0195		mg/Kg		98	80 - 120	5	30
sec-Butylbenzene			0.0200	0.0177		mg/Kg		88	78 - 120	8	30

Method: 8260D - Volatile Organic Compounds by GC/MS (Continued)

Lab Sample ID: LCSD 460-1066734/4
Matrix: Solid
Analysis Batch: 1066734

Client Sample ID: Lab Control Sample Dup
Prep Type: Total/NA

Analyte			Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Styrene			0.0200	0.0188		mg/Kg		94	80 - 120	3	30
tert-Butylbenzene			0.0200	0.0180		mg/Kg		90	80 - 120	8	30
Tetrachloroethene			0.0200	0.0195		mg/Kg		97	73 - 120	10	30
Toluene			0.0200	0.0186		mg/Kg		93	80 - 120	8	30
trans-1,2-Dichloroethene			0.0200	0.0188		mg/Kg		94	78 - 120	7	30
trans-1,3-Dichloropropene			0.0200	0.0175		mg/Kg		87	77 - 120	2	30
Trichloroethene			0.0200	0.0194		mg/Kg		97	80 - 120	6	30
Trichlorofluoromethane			0.0200	0.0189		mg/Kg		95	61 - 130	12	30
Vinyl chloride			0.0200	0.0192		mg/Kg		96	54 - 122	13	30
Xylenes, Total			0.0400	0.0385		mg/Kg		96	80 - 120	5	30

Surrogate	*LCSD %Recovery*	*LCSD Qualifier*	*Limits*
1,2-Dichloroethane-d4 (Surr)	*97*		*65 - 138*
4-Bromofluorobenzene	*100*		*71 - 128*
Dibromofluoromethane (Surr)	*99*		*50 - 150*
Toluene-d8 (Surr)	*100*		*71 - 126*

Lab Sample ID: MB 460-1067096/7
Matrix: Solid
Analysis Batch: 1067096

Client Sample ID: Method Blank
Prep Type: Total/NA

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1-Trichloroethane	0.0010	U	0.0010	0.00023	mg/Kg			10/09/25 21:43	1
1,1,2,2-Tetrachloroethane	0.0010	U	0.0010	0.00052	mg/Kg			10/09/25 21:43	1
1,1,2-Trichloro-1,2,2-trifluoroethane	0.0010	U	0.0010	0.00030	mg/Kg			10/09/25 21:43	1
1,1,2-Trichloroethane	0.0010	U	0.0010	0.00060	mg/Kg			10/09/25 21:43	1
1,1-Dichloroethane	0.0010	U	0.0010	0.00060	mg/Kg			10/09/25 21:43	1
1,1-Dichloroethene	0.0010	U	0.0010	0.00023	mg/Kg			10/09/25 21:43	1
1,2,3-Trichlorobenzene	0.0010	U	0.0010	0.00074	mg/Kg			10/09/25 21:43	1
1,2,4-Trichlorobenzene	0.0010	U	0.0010	0.00036	mg/Kg			10/09/25 21:43	1
1,2,4-Trimethylbenzene	0.0010	U	0.0010	0.00025	mg/Kg			10/09/25 21:43	1
1,2-Dibromo-3-Chloropropane	0.0010	U	0.0010	0.00046	mg/Kg			10/09/25 21:43	1
1,2-Dichlorobenzene	0.0010	U	0.0010	0.00036	mg/Kg			10/09/25 21:43	1
1,2-Dichloroethane	0.0010	U	0.0010	0.00030	mg/Kg			10/09/25 21:43	1
1,2-Dichloropropane	0.0010	U	0.0010	0.00042	mg/Kg			10/09/25 21:43	1
1,3,5-Trimethylbenzene	0.0010	U	0.0010	0.00031	mg/Kg			10/09/25 21:43	1
1,3-Dichlorobenzene	0.0010	U	0.0010	0.00037	mg/Kg			10/09/25 21:43	1
1,4-Dichlorobenzene	0.0010	U	0.0010	0.00052	mg/Kg			10/09/25 21:43	1
2-Butanone (MEK)	0.0050	U	0.0050	0.00037	mg/Kg			10/09/25 21:43	1
2-Hexanone	0.0050	U	0.0050	0.0017	mg/Kg			10/09/25 21:43	1
4-Methyl-2-pentanone (MIBK)	0.0050	U	0.0050	0.0016	mg/Kg			10/09/25 21:43	1
Acetone	0.0060	U	0.0060	0.0057	mg/Kg			10/09/25 21:43	1
Benzene	0.0010	U	0.0010	0.00057	mg/Kg			10/09/25 21:43	1
Bromoform	0.0010	U	0.0010	0.00043	mg/Kg			10/09/25 21:43	1
Bromomethane	0.0020	U	0.0020	0.0010	mg/Kg			10/09/25 21:43	1
Carbon disulfide	0.0010	U	0.0010	0.00027	mg/Kg			10/09/25 21:43	1
Carbon tetrachloride	0.0010	U	0.0010	0.00039	mg/Kg			10/09/25 21:43	1
Chlorobenzene	0.0010	U	0.0010	0.00051	mg/Kg			10/09/25 21:43	1

Method: 8260D - Volatile Organic Compounds by GC/MS (Continued)

Lab Sample ID: MB 460-1067096/7
Matrix: Solid
Analysis Batch: 1067096

Client Sample ID: Method Blank
Prep Type: Total/NA

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chlorobromomethane	0.0010	U	0.0010	0.00060	mg/Kg			10/09/25 21:43	1
Chlorodibromomethane	0.0010	U	0.0010	0.00054	mg/Kg			10/09/25 21:43	1
Chloroethane	0.0010	U	0.0010	0.00052	mg/Kg			10/09/25 21:43	1
Chloroform	0.0010	U	0.0010	0.00097	mg/Kg			10/09/25 21:43	1
Chloromethane	0.0010	U	0.0010	0.00044	mg/Kg			10/09/25 21:43	1
cis-1,2-Dichloroethene	0.0010	U	0.0010	0.00036	mg/Kg			10/09/25 21:43	1
cis-1,3-Dichloropropene	0.0010	U	0.0010	0.00027	mg/Kg			10/09/25 21:43	1
Cyclohexane	0.0010	U	0.0010	0.00022	mg/Kg			10/09/25 21:43	1
Dichlorobromomethane	0.0010	U	0.0010	0.00026	mg/Kg			10/09/25 21:43	1
Dichlorodifluoromethane	0.0010	U	0.0010	0.00034	mg/Kg			10/09/25 21:43	1
Ethylbenzene	0.0010	U	0.0010	0.00047	mg/Kg			10/09/25 21:43	1
Ethylene Dibromide	0.0010	U	0.0010	0.00050	mg/Kg			10/09/25 21:43	1
Isopropylbenzene	0.0010	U	0.0010	0.00029	mg/Kg			10/09/25 21:43	1
Methyl acetate	0.0050	U	0.0050	0.0043	mg/Kg			10/09/25 21:43	1
Methyl tert-butyl ether	0.0010	U	0.0010	0.00051	mg/Kg			10/09/25 21:43	1
Methylcyclohexane	0.0010	U	0.0010	0.00050	mg/Kg			10/09/25 21:43	1
Methylene Chloride	0.0020	U	0.0020	0.0011	mg/Kg			10/09/25 21:43	1
m-Xylene & p-Xylene	0.0010	U	0.0010	0.00042	mg/Kg			10/09/25 21:43	1
n-Butylbenzene	0.0010	U	0.0010	0.00029	mg/Kg			10/09/25 21:43	1
N-Propylbenzene	0.0010	U	0.0010	0.00045	mg/Kg			10/09/25 21:43	1
o-Xylene	0.0010	U	0.0010	0.00046	mg/Kg			10/09/25 21:43	1
sec-Butylbenzene	0.0010	U	0.0010	0.00029	mg/Kg			10/09/25 21:43	1
Styrene	0.0010	U	0.0010	0.00028	mg/Kg			10/09/25 21:43	1
tert-Butylbenzene	0.0010	U	0.0010	0.00028	mg/Kg			10/09/25 21:43	1
Tetrachloroethene	0.0010	U	0.0010	0.00031	mg/Kg			10/09/25 21:43	1
Toluene	0.0010	U	0.0010	0.00023	mg/Kg			10/09/25 21:43	1
trans-1,2-Dichloroethene	0.0010	U	0.0010	0.00025	mg/Kg			10/09/25 21:43	1
trans-1,3-Dichloropropene	0.0010	U	0.0010	0.00027	mg/Kg			10/09/25 21:43	1
Trichloroethene	0.0010	U	0.0010	0.00032	mg/Kg			10/09/25 21:43	1
Trichlorofluoromethane	0.0010	U	0.0010	0.00041	mg/Kg			10/09/25 21:43	1
Vinyl chloride	0.0010	U	0.0010	0.00055	mg/Kg			10/09/25 21:43	1
Xylenes, Total	0.0020	U	0.0020	0.00017	mg/Kg			10/09/25 21:43	1

Surrogate	*MB %Recovery*	*MB Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,2-Dichloroethane-d4 (Surr)	*90*		*65 - 138*		*10/09/25 21:43*	*1*
4-Bromofluorobenzene	*92*		*71 - 128*		*10/09/25 21:43*	*1*
Dibromofluoromethane (Surr)	*97*		*50 - 150*		*10/09/25 21:43*	*1*
Toluene-d8 (Surr)	*100*		*71 - 126*		*10/09/25 21:43*	*1*

Lab Sample ID: LCS 460-1067096/3
Matrix: Solid
Analysis Batch: 1067096

Client Sample ID: Lab Control Sample
Prep Type: Total/NA

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
1,1,1-Trichloroethane	0.0200	0.0162		mg/Kg		81	78 - 120
1,1,2,2-Tetrachloroethane	0.0200	0.0191		mg/Kg		96	70 - 133
1,1,2-Trichloro-1,2,2-trifluoroethane	0.0200	0.0176		mg/Kg		88	75 - 121
1,1,2-Trichloroethane	0.0200	0.0196		mg/Kg		98	80 - 120

Method: 8260D - Volatile Organic Compounds by GC/MS (Continued)

Lab Sample ID: LCS 460-1067096/3
Matrix: Solid
Analysis Batch: 1067096

Client Sample ID: Lab Control Sample
Prep Type: Total/NA

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
1,1-Dichloroethane	0.0200	0.0179		mg/Kg		90	72 - 120
1,1-Dichloroethene	0.0200	0.0184		mg/Kg		92	76 - 120
1,2,3-Trichlorobenzene	0.0200	0.0187		mg/Kg		93	77 - 137
1,2,4-Trichlorobenzene	0.0200	0.0179		mg/Kg		90	77 - 136
1,2,4-Trimethylbenzene	0.0200	0.0191		mg/Kg		96	75 - 120
1,2-Dibromo-3-Chloropropane	0.0200	0.0180		mg/Kg		90	80 - 124
1,2-Dichlorobenzene	0.0200	0.0197		mg/Kg		98	80 - 120
1,2-Dichloroethane	0.0200	0.0158		mg/Kg		79	70 - 123
1,2-Dichloropropane	0.0200	0.0184		mg/Kg		92	73 - 124
1,3,5-Trimethylbenzene	0.0200	0.0189		mg/Kg		95	70 - 120
1,3-Dichlorobenzene	0.0200	0.0199		mg/Kg		99	80 - 120
1,4-Dichlorobenzene	0.0200	0.0193		mg/Kg		96	80 - 120
2-Butanone (MEK)	0.100	0.105		mg/Kg		105	64 - 128
2-Hexanone	0.100	0.0989		mg/Kg		99	75 - 120
4-Methyl-2-pentanone (MIBK)	0.100	0.101		mg/Kg		101	80 - 120
Acetone	0.100	0.0966		mg/Kg		97	58 - 122
Benzene	0.0200	0.0188		mg/Kg		94	75 - 120
Bromoform	0.0200	0.0185		mg/Kg		93	61 - 125
Bromomethane	0.0200	0.0133		mg/Kg		66	37 - 150
Carbon disulfide	0.0200	0.0165		mg/Kg		83	57 - 133
Carbon tetrachloride	0.0200	0.0157		mg/Kg		79	66 - 127
Chlorobenzene	0.0200	0.0191		mg/Kg		95	80 - 120
Chlorobromomethane	0.0200	0.0195		mg/Kg		98	76 - 127
Chlorodibromomethane	0.0200	0.0181		mg/Kg		91	72 - 120
Chloroethane	0.0200	0.0139		mg/Kg		70	60 - 123
Chloroform	0.0200	0.0180		mg/Kg		90	79 - 126
Chloromethane	0.0200	0.0183		mg/Kg		92	46 - 122
cis-1,2-Dichloroethene	0.0200	0.0180		mg/Kg		90	80 - 123
cis-1,3-Dichloropropene	0.0200	0.0169		mg/Kg		85	75 - 120
Cyclohexane	0.0200	0.0178		mg/Kg		89	65 - 132
Dichlorobromomethane	0.0200	0.0174		mg/Kg		87	77 - 124
Dichlorodifluoromethane	0.0200	0.0202		mg/Kg		101	45 - 129
Ethylbenzene	0.0200	0.0192		mg/Kg		96	80 - 120
Ethylene Dibromide	0.0200	0.0191		mg/Kg		95	79 - 120
Isopropylbenzene	0.0200	0.0191		mg/Kg		96	74 - 120
Methyl acetate	0.0400	0.0357		mg/Kg		89	57 - 120
Methyl tert-butyl ether	0.0200	0.0175		mg/Kg		88	74 - 125
Methylcyclohexane	0.0200	0.0180		mg/Kg		90	66 - 125
Methylene Chloride	0.0200	0.0203		mg/Kg		102	78 - 120
m-Xylene & p-Xylene	0.0200	0.0189		mg/Kg		94	80 - 120
n-Butylbenzene	0.0200	0.0187		mg/Kg		94	72 - 120
N-Propylbenzene	0.0200	0.0187		mg/Kg		93	68 - 120
o-Xylene	0.0200	0.0197		mg/Kg		99	80 - 120
sec-Butylbenzene	0.0200	0.0190		mg/Kg		95	78 - 120
Styrene	0.0200	0.0197		mg/Kg		99	80 - 120
tert-Butylbenzene	0.0200	0.0191		mg/Kg		96	80 - 120
Tetrachloroethene	0.0200	0.0171		mg/Kg		85	73 - 120
Toluene	0.0200	0.0183		mg/Kg		92	80 - 120
trans-1,2-Dichloroethene	0.0200	0.0180		mg/Kg		90	78 - 120

Method: 8260D - Volatile Organic Compounds by GC/MS (Continued)

Lab Sample ID: LCS 460-1067096/3
Matrix: Solid
Analysis Batch: 1067096

Client Sample ID: Lab Control Sample
Prep Type: Total/NA

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
trans-1,3-Dichloropropene	0.0200	0.0164		mg/Kg		82	77 - 120
Trichloroethene	0.0200	0.0178		mg/Kg		89	80 - 120
Trichlorofluoromethane	0.0200	0.0158		mg/Kg		79	61 - 130
Vinyl chloride	0.0200	0.0166		mg/Kg		83	54 - 122
Xylenes, Total	0.0400	0.0386		mg/Kg		96	80 - 120

Surrogate	*LCS %Recovery*	*LCS Qualifier*	*Limits*
1,2-Dichloroethane-d4 (Surr)	*84*		*65 - 138*
4-Bromofluorobenzene	*96*		*71 - 128*
Dibromofluoromethane (Surr)	*92*		*50 - 150*
Toluene-d8 (Surr)	*98*		*71 - 126*

Lab Sample ID: LCSD 460-1067096/4
Matrix: Solid
Analysis Batch: 1067096

Client Sample ID: Lab Control Sample Dup
Prep Type: Total/NA

Analyte	Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
1,1,1-Trichloroethane	0.0200	0.0174		mg/Kg		87	78 - 120	7	30
1,1,2,2-Tetrachloroethane	0.0200	0.0195		mg/Kg		97	70 - 133	2	30
1,1,2-Trichloro-1,2,2-trifluoroethane	0.0200	0.0196		mg/Kg		98	75 - 121	11	30
1,1,2-Trichloroethane	0.0200	0.0197		mg/Kg		99	80 - 120	0	30
1,1-Dichloroethane	0.0200	0.0187		mg/Kg		94	72 - 120	4	30
1,1-Dichloroethene	0.0200	0.0201		mg/Kg		101	76 - 120	9	30
1,2,3-Trichlorobenzene	0.0200	0.0187		mg/Kg		94	77 - 137	0	30
1,2,4-Trichlorobenzene	0.0200	0.0179		mg/Kg		90	77 - 136	0	30
1,2,4-Trimethylbenzene	0.0200	0.0196		mg/Kg		98	75 - 120	3	30
1,2-Dibromo-3-Chloropropane	0.0200	0.0184		mg/Kg		92	80 - 124	2	30
1,2-Dichlorobenzene	0.0200	0.0198		mg/Kg		99	80 - 120	1	30
1,2-Dichloroethane	0.0200	0.0162		mg/Kg		81	70 - 123	2	30
1,2-Dichloropropane	0.0200	0.0190		mg/Kg		95	73 - 124	3	30
1,3,5-Trimethylbenzene	0.0200	0.0196		mg/Kg		98	70 - 120	4	30
1,3-Dichlorobenzene	0.0200	0.0203		mg/Kg		101	80 - 120	2	30
1,4-Dichlorobenzene	0.0200	0.0193		mg/Kg		97	80 - 120	0	30
2-Butanone (MEK)	0.100	0.108		mg/Kg		108	64 - 128	3	30
2-Hexanone	0.100	0.100		mg/Kg		100	75 - 120	2	30
4-Methyl-2-pentanone (MIBK)	0.100	0.101		mg/Kg		101	80 - 120	0	30
Acetone	0.100	0.0953		mg/Kg		95	58 - 122	1	30
Benzene	0.0200	0.0192		mg/Kg		96	75 - 120	2	30
Bromoform	0.0200	0.0184		mg/Kg		92	61 - 125	0	30
Bromomethane	0.0200	0.0226	*	mg/Kg		113	37 - 150	52	30
Carbon disulfide	0.0200	0.0178		mg/Kg		89	57 - 133	7	30
Carbon tetrachloride	0.0200	0.0169		mg/Kg		84	66 - 127	7	30
Chlorobenzene	0.0200	0.0195		mg/Kg		97	80 - 120	2	30
Chlorobromomethane	0.0200	0.0201		mg/Kg		100	76 - 127	3	30
Chlorodibromomethane	0.0200	0.0183		mg/Kg		91	72 - 120	1	30
Chloroethane	0.0200	0.0212	*	mg/Kg		106	60 - 123	42	30
Chloroform	0.0200	0.0183		mg/Kg		92	79 - 126	2	30
Chloromethane	0.0200	0.0194		mg/Kg		97	46 - 122	6	30

Method: 8260D - Volatile Organic Compounds by GC/MS (Continued)

Lab Sample ID: LCSD 460-1067096/4
Matrix: Solid
Analysis Batch: 1067096

Client Sample ID: Lab Control Sample Dup
Prep Type: Total/NA

Analyte	Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
cis-1,2-Dichloroethene	0.0200	0.0186		mg/Kg		93	80 - 123	3	30
cis-1,3-Dichloropropene	0.0200	0.0173		mg/Kg		87	75 - 120	2	30
Cyclohexane	0.0200	0.0195		mg/Kg		98	65 - 132	9	30
Dichlorobromomethane	0.0200	0.0177		mg/Kg		89	77 - 124	2	30
Dichlorodifluoromethane	0.0200	0.0240		mg/Kg		120	45 - 129	17	30
Ethylbenzene	0.0200	0.0196		mg/Kg		98	80 - 120	2	30
Ethylene Dibromide	0.0200	0.0189		mg/Kg		95	79 - 120	1	30
Isopropylbenzene	0.0200	0.0200		mg/Kg		100	74 - 120	4	30
Methyl acetate	0.0400	0.0330		mg/Kg		83	57 - 120	8	30
Methyl tert-butyl ether	0.0200	0.0175		mg/Kg		87	74 - 125	0	30
Methylcyclohexane	0.0200	0.0195		mg/Kg		98	66 - 125	8	30
Methylene Chloride	0.0200	0.0207		mg/Kg		104	78 - 120	2	30
m-Xylene & p-Xylene	0.0200	0.0198		mg/Kg		99	80 - 120	5	30
n-Butylbenzene	0.0200	0.0196		mg/Kg		98	72 - 120	5	30
N-Propylbenzene	0.0200	0.0197		mg/Kg		98	68 - 120	5	30
o-Xylene	0.0200	0.0202		mg/Kg		101	80 - 120	3	30
sec-Butylbenzene	0.0200	0.0204		mg/Kg		102	78 - 120	7	30
Styrene	0.0200	0.0199		mg/Kg		100	80 - 120	1	30
tert-Butylbenzene	0.0200	0.0201		mg/Kg		100	80 - 120	5	30
Tetrachloroethene	0.0200	0.0180		mg/Kg		90	73 - 120	5	30
Toluene	0.0200	0.0188		mg/Kg		94	80 - 120	2	30
trans-1,2-Dichloroethene	0.0200	0.0186		mg/Kg		93	78 - 120	3	30
trans-1,3-Dichloropropene	0.0200	0.0164		mg/Kg		82	77 - 120	0	30
Trichloroethene	0.0200	0.0186		mg/Kg		93	80 - 120	4	30
Trichlorofluoromethane	0.0200	0.0179		mg/Kg		90	61 - 130	13	30
Vinyl chloride	0.0200	0.0180		mg/Kg		90	54 - 122	8	30
Xylenes, Total	0.0400	0.0400		mg/Kg		100	80 - 120	4	30

Surrogate	*LCSD %Recovery*	*LCSD Qualifier*	*Limits*
1,2-Dichloroethane-d4 (Surr)	*83*		*65 - 138*
4-Bromofluorobenzene	*96*		*71 - 128*
Dibromofluoromethane (Surr)	*92*		*50 - 150*
Toluene-d8 (Surr)	*98*		*71 - 126*

Method: 8270E - Semivolatile Organic Compounds (GC/MS)

Lab Sample ID: MB 460-1066372/1-A
Matrix: Solid
Analysis Batch: 1066501

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 1066372

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1'-Biphenyl	0.33	U	0.33	0.012	mg/Kg		10/06/25 21:57	10/07/25 12:08	1
1,2,4,5-Tetrachlorobenzene	0.33	U	0.33	0.010	mg/Kg		10/06/25 21:57	10/07/25 12:08	1
1,4-Dioxane	0.033	U	0.033	0.029	mg/Kg		10/06/25 21:57	10/07/25 12:08	1
2,2'-oxybis[1-chloropropane]	0.33	U	0.33	0.020	mg/Kg		10/06/25 21:57	10/07/25 12:08	1
2,3,4,6-Tetrachlorophenol	0.33	U	0.33	0.022	mg/Kg		10/06/25 21:57	10/07/25 12:08	1
2,4,5-Trichlorophenol	0.33	U	0.33	0.034	mg/Kg		10/06/25 21:57	10/07/25 12:08	1
2,4,6-Trichlorophenol	0.13	U	0.13	0.042	mg/Kg		10/06/25 21:57	10/07/25 12:08	1
2,4-Dichlorophenol	0.13	U	0.13	0.021	mg/Kg		10/06/25 21:57	10/07/25 12:08	1

Method: 8270E - Semivolatile Organic Compounds (GC/MS) (Continued)

Lab Sample ID: MB 460-1066372/1-A
Matrix: Solid
Analysis Batch: 1066501

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 1066372

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
2,4-Dimethylphenol	0.33	U	0.33	0.039	mg/Kg		10/06/25 21:57	10/07/25 12:08	1
2,4-Dinitrophenol	0.27	U	0.27	0.16	mg/Kg		10/06/25 21:57	10/07/25 12:08	1
2,4-Dinitrotoluene	0.067	U	0.067	0.036	mg/Kg		10/06/25 21:57	10/07/25 12:08	1
2,6-Dinitrotoluene	0.067	U	0.067	0.024	mg/Kg		10/06/25 21:57	10/07/25 12:08	1
2-Chloronaphthalene	0.33	U	0.33	0.043	mg/Kg		10/06/25 21:57	10/07/25 12:08	1
2-Chlorophenol	0.33	U	0.33	0.012	mg/Kg		10/06/25 21:57	10/07/25 12:08	1
2-Methylnaphthalene	0.33	U	0.33	0.0093	mg/Kg		10/06/25 21:57	10/07/25 12:08	1
2-Methylphenol	0.33	U	0.33	0.012	mg/Kg		10/06/25 21:57	10/07/25 12:08	1
2-Nitroaniline	0.33	U	0.33	0.025	mg/Kg		10/06/25 21:57	10/07/25 12:08	1
2-Nitrophenol	0.33	U	0.33	0.033	mg/Kg		10/06/25 21:57	10/07/25 12:08	1
3 & 4 Methylphenol	0.33	U	0.33	0.021	mg/Kg		10/06/25 21:57	10/07/25 12:08	1
3,3'-Dichlorobenzidine	0.13	U	0.13	0.050	mg/Kg		10/06/25 21:57	10/07/25 12:08	1
3-Nitroaniline	0.33	U	0.33	0.079	mg/Kg		10/06/25 21:57	10/07/25 12:08	1
4,6-Dinitro-2-methylphenol	0.27	U	0.27	0.14	mg/Kg		10/06/25 21:57	10/07/25 12:08	1
4-Bromophenyl phenyl ether	0.33	U	0.33	0.013	mg/Kg		10/06/25 21:57	10/07/25 12:08	1
4-Chloro-3-methylphenol	0.33	U	0.33	0.019	mg/Kg		10/06/25 21:57	10/07/25 12:08	1
4-Chloroaniline	0.33	U	0.33	0.059	mg/Kg		10/06/25 21:57	10/07/25 12:08	1
4-Chlorophenyl phenyl ether	0.33	U	0.33	0.012	mg/Kg		10/06/25 21:57	10/07/25 12:08	1
4-Methylphenol	0.33	U	0.33	0.021	mg/Kg		10/06/25 21:57	10/07/25 12:08	1
4-Nitroaniline	0.33	U	0.33	0.084	mg/Kg		10/06/25 21:57	10/07/25 12:08	1
4-Nitrophenol	0.67	U	0.67	0.054	mg/Kg		10/06/25 21:57	10/07/25 12:08	1
Acenaphthene	0.33	U	0.33	0.0094	mg/Kg		10/06/25 21:57	10/07/25 12:08	1
Acenaphthylene	0.33	U	0.33	0.0095	mg/Kg		10/06/25 21:57	10/07/25 12:08	1
Acetophenone	0.33	U	0.33	0.016	mg/Kg		10/06/25 21:57	10/07/25 12:08	1
Anthracene	0.33	U	0.33	0.010	mg/Kg		10/06/25 21:57	10/07/25 12:08	1
Atrazine	0.13	U	0.13	0.019	mg/Kg		10/06/25 21:57	10/07/25 12:08	1
Benzaldehyde	0.33	U	0.33	0.055	mg/Kg		10/06/25 21:57	10/07/25 12:08	1
Benzo[a]anthracene	0.033	U	0.033	0.025	mg/Kg		10/06/25 21:57	10/07/25 12:08	1
Benzo[a]pyrene	0.033	U	0.033	0.0088	mg/Kg		10/06/25 21:57	10/07/25 12:08	1
Benzo[b]fluoranthene	0.033	U	0.033	0.0086	mg/Kg		10/06/25 21:57	10/07/25 12:08	1
Benzo[g,h,i]perylene	0.33	U	0.33	0.0098	mg/Kg		10/06/25 21:57	10/07/25 12:08	1
Benzo[k]fluoranthene	0.033	U	0.033	0.0065	mg/Kg		10/06/25 21:57	10/07/25 12:08	1
Bis(2-chloroethoxy)methane	0.33	U	0.33	0.061	mg/Kg		10/06/25 21:57	10/07/25 12:08	1
Bis(2-chloroethyl)ether	0.033	U	0.033	0.012	mg/Kg		10/06/25 21:57	10/07/25 12:08	1
Bis(2-ethylhexyl) phthalate	0.33	U	0.33	0.017	mg/Kg		10/06/25 21:57	10/07/25 12:08	1
Butyl benzyl phthalate	0.33	U	0.33	0.016	mg/Kg		10/06/25 21:57	10/07/25 12:08	1
Caprolactam	0.33	U	0.33	0.051	mg/Kg		10/06/25 21:57	10/07/25 12:08	1
Carbazole	0.33	U	0.33	0.013	mg/Kg		10/06/25 21:57	10/07/25 12:08	1
Chrysene	0.33	U	0.33	0.014	mg/Kg		10/06/25 21:57	10/07/25 12:08	1
Dibenz(a,h)anthracene	0.033	U	0.033	0.014	mg/Kg		10/06/25 21:57	10/07/25 12:08	1
Dibenzofuran	0.33	U	0.33	0.011	mg/Kg		10/06/25 21:57	10/07/25 12:08	1
Diethyl phthalate	0.33	U	0.33	0.011	mg/Kg		10/06/25 21:57	10/07/25 12:08	1
Dimethyl phthalate	0.33	U	0.33	0.075	mg/Kg		10/06/25 21:57	10/07/25 12:08	1
Di-n-butyl phthalate	0.33	U	0.33	0.012	mg/Kg		10/06/25 21:57	10/07/25 12:08	1
Di-n-octyl phthalate	0.33	U	0.33	0.018	mg/Kg		10/06/25 21:57	10/07/25 12:08	1
Fluoranthene	0.33	U	0.33	0.012	mg/Kg		10/06/25 21:57	10/07/25 12:08	1
Fluorene	0.33	U	0.33	0.0097	mg/Kg		10/06/25 21:57	10/07/25 12:08	1
Hexachlorobenzene	0.033	U	0.033	0.016	mg/Kg		10/06/25 21:57	10/07/25 12:08	1
Hexachlorobutadiene	0.067	U	0.067	0.0070	mg/Kg		10/06/25 21:57	10/07/25 12:08	1

Method: 8270E - Semivolatile Organic Compounds (GC/MS) (Continued)

Lab Sample ID: MB 460-1066372/1-A
Matrix: Solid
Analysis Batch: 1066501

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 1066372

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Hexachlorocyclopentadiene	0.33	U	0.33	0.029	mg/Kg		10/06/25 21:57	10/07/25 12:08	1
Hexachloroethane	0.033	U	0.033	0.011	mg/Kg		10/06/25 21:57	10/07/25 12:08	1
Indeno[1,2,3-cd]pyrene	0.033	U	0.033	0.013	mg/Kg		10/06/25 21:57	10/07/25 12:08	1
Isophorone	0.13	U	0.13	0.096	mg/Kg		10/06/25 21:57	10/07/25 12:08	1
Naphthalene	0.33	U	0.33	0.0057	mg/Kg		10/06/25 21:57	10/07/25 12:08	1
Nitrobenzene	0.033	U	0.033	0.018	mg/Kg		10/06/25 21:57	10/07/25 12:08	1
N-Nitrosodi-n-propylamine	0.033	U	0.033	0.024	mg/Kg		10/06/25 21:57	10/07/25 12:08	1
N-Nitrosodiphenylamine	0.33	U	0.33	0.027	mg/Kg		10/06/25 21:57	10/07/25 12:08	1
Pentachlorophenol	0.27	U	0.27	0.068	mg/Kg		10/06/25 21:57	10/07/25 12:08	1
Phenanthrene	0.33	U	0.33	0.014	mg/Kg		10/06/25 21:57	10/07/25 12:08	1
Phenol	0.33	U	0.33	0.012	mg/Kg		10/06/25 21:57	10/07/25 12:08	1
Pyrene	0.33	U	0.33	0.0082	mg/Kg		10/06/25 21:57	10/07/25 12:08	1

Surrogate	*MB %Recovery*	*MB Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
2,4,6-Tribromophenol (Surr)	*77*		*18 - 137*	*10/06/25 21:57*	*10/07/25 12:08*	*1*
2-Fluorobiphenyl	*73*		*33 - 117*	*10/06/25 21:57*	*10/07/25 12:08*	*1*
2-Fluorophenol (Surr)	*73*		*24 - 120*	*10/06/25 21:57*	*10/07/25 12:08*	*1*
Nitrobenzene-d5 (Surr)	*66*		*27 - 120*	*10/06/25 21:57*	*10/07/25 12:08*	*1*
Phenol-d5 (Surr)	*70*		*28 - 118*	*10/06/25 21:57*	*10/07/25 12:08*	*1*
Terphenyl-d14 (Surr)	*74*		*33 - 124*	*10/06/25 21:57*	*10/07/25 12:08*	*1*

Lab Sample ID: LCS 460-1066372/2-A
Matrix: Solid
Analysis Batch: 1066501

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 1066372

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
1,1'-Biphenyl	3.33	2.76		mg/Kg		83	64 - 120
1,2,4,5-Tetrachlorobenzene	3.33	2.86		mg/Kg		86	60 - 120
1,4-Dioxane	3.33	2.18		mg/Kg		66	31 - 105
2,2'-oxybis[1-chloropropane]	3.33	2.26		mg/Kg		68	50 - 126
2,3,4,6-Tetrachlorophenol	3.33	2.85		mg/Kg		85	62 - 120
2,4,5-Trichlorophenol	3.33	2.83		mg/Kg		85	64 - 120
2,4,6-Trichlorophenol	3.33	2.90		mg/Kg		87	65 - 120
2,4-Dichlorophenol	3.33	3.04		mg/Kg		91	66 - 120
2,4-Dimethylphenol	3.33	2.82		mg/Kg		85	75 - 136
2,4-Dinitrophenol	6.67	6.24		mg/Kg		94	41 - 120
2,4-Dinitrotoluene	3.33	2.81		mg/Kg		84	65 - 124
2,6-Dinitrotoluene	3.33	2.88		mg/Kg		86	67 - 121
2-Chloronaphthalene	3.33	2.78		mg/Kg		83	64 - 120
2-Chlorophenol	3.33	2.91		mg/Kg		87	63 - 120
2-Methylnaphthalene	3.33	2.86		mg/Kg		86	56 - 102
2-Methylphenol	3.33	2.73		mg/Kg		82	63 - 120
2-Nitroaniline	3.33	2.45		mg/Kg		74	52 - 120
2-Nitrophenol	3.33	3.00		mg/Kg		90	64 - 120
3 & 4 Methylphenol	3.33	2.77		mg/Kg		83	61 - 120
3,3'-Dichlorobenzidine	3.33	1.80		mg/Kg		54	10 - 106
3-Nitroaniline	3.33	2.32		mg/Kg		70	18 - 105
4,6-Dinitro-2-methylphenol	6.67	6.22		mg/Kg		93	61 - 127

Method: 8270E - Semivolatile Organic Compounds (GC/MS) (Continued)

Lab Sample ID: LCS 460-1066372/2-A
Matrix: Solid
Analysis Batch: 1066501

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 1066372

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
4-Bromophenyl phenyl ether	3.33	3.09		mg/Kg		93	64 - 120
4-Chloro-3-methylphenol	3.33	2.77		mg/Kg		83	68 - 120
4-Chloroaniline	3.33	2.17		mg/Kg		65	10 - 107
4-Chlorophenyl phenyl ether	3.33	2.80		mg/Kg		84	62 - 120
4-Methylphenol	3.33	2.77		mg/Kg		83	61 - 120
4-Nitroaniline	3.33	2.44		mg/Kg		73	51 - 112
4-Nitrophenol	6.67	4.70		mg/Kg		71	52 - 122
Acenaphthene	3.33	2.54		mg/Kg		76	65 - 120
Acenaphthylene	3.33	2.77		mg/Kg		83	68 - 120
Acetophenone	3.33	2.70		mg/Kg		81	61 - 111
Anthracene	3.33	2.83		mg/Kg		85	67 - 120
Atrazine	1.33	1.87		mg/Kg		140	52 - 150
Benzaldehyde	1.33	1.49		mg/Kg		112	45 - 150
Benzo[a]anthracene	3.33	2.80		mg/Kg		84	66 - 120
Benzo[a]pyrene	3.33	2.81		mg/Kg		84	69 - 123
Benzo[b]fluoranthene	3.33	2.82		mg/Kg		85	66 - 125
Benzo[g,h,i]perylene	3.33	2.70		mg/Kg		81	66 - 138
Benzo[k]fluoranthene	3.33	2.66		mg/Kg		80	67 - 122
Bis(2-chloroethoxy)methane	3.33	2.67		mg/Kg		80	62 - 120
Bis(2-chloroethyl)ether	3.33	2.66		mg/Kg		80	60 - 120
Bis(2-ethylhexyl) phthalate	3.33	2.76		mg/Kg		83	64 - 125
Butyl benzyl phthalate	3.33	2.90		mg/Kg		87	62 - 127
Caprolactam	1.33	1.46		mg/Kg		109	46 - 150
Carbazole	3.33	2.79		mg/Kg		84	64 - 120
Chrysene	3.33	2.85		mg/Kg		85	67 - 120
Dibenz(a,h)anthracene	3.33	2.87		mg/Kg		86	66 - 128
Dibenzofuran	3.33	2.74		mg/Kg		82	61 - 120
Diethyl phthalate	3.33	2.69		mg/Kg		81	63 - 120
Dimethyl phthalate	3.33	2.79		mg/Kg		84	65 - 120
Di-n-butyl phthalate	3.33	3.02		mg/Kg		91	61 - 120
Di-n-octyl phthalate	3.33	2.77		mg/Kg		83	61 - 123
Fluoranthene	3.33	2.83		mg/Kg		85	61 - 120
Fluorene	3.33	2.71		mg/Kg		81	64 - 120
Hexachlorobenzene	3.33	3.12		mg/Kg		94	66 - 120
Hexachlorobutadiene	3.33	3.07		mg/Kg		92	62 - 120
Hexachlorocyclopentadiene	3.33	2.77		mg/Kg		83	32 - 150
Hexachloroethane	3.33	2.69		mg/Kg		81	61 - 112
Indeno[1,2,3-cd]pyrene	3.33	2.88		mg/Kg		86	63 - 137
Isophorone	3.33	2.62		mg/Kg		79	61 - 120
Naphthalene	3.33	2.79		mg/Kg		84	63 - 113
Nitrobenzene	3.33	2.81		mg/Kg		84	63 - 120
N-Nitrosodi-n-propylamine	3.33	2.52		mg/Kg		76	60 - 120
N-Nitrosodiphenylamine	3.33	2.87		mg/Kg		86	63 - 120
Pentachlorophenol	6.67	6.12		mg/Kg		92	61 - 126
Phenanthrene	3.33	2.85		mg/Kg		86	66 - 120
Phenol	3.33	2.89		mg/Kg		87	63 - 120
Pyrene	3.33	2.88		mg/Kg		86	61 - 121

Method: 8270E - Semivolatile Organic Compounds (GC/MS) (Continued)

Lab Sample ID: LCS 460-1066372/2-A
Matrix: Solid
Analysis Batch: 1066501

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 1066372

Surrogate	*LCS %Recovery*	*LCS Qualifier*	*Limits*
2,4,6-Tribromophenol (Surr)	*83*		*18 - 137*
2-Fluorobiphenyl	*77*		*33 - 117*
2-Fluorophenol (Surr)	*80*		*24 - 120*
Nitrobenzene-d5 (Surr)	*73*		*27 - 120*
Phenol-d5 (Surr)	*76*		*28 - 118*
Terphenyl-d14 (Surr)	*81*		*33 - 124*

Lab Sample ID: LCSD 460-1066372/3-A
Matrix: Solid
Analysis Batch: 1066501

Client Sample ID: Lab Control Sample Dup
Prep Type: Total/NA
Prep Batch: 1066372

Analyte			Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
1,1'-Biphenyl			3.33	2.79		mg/Kg		84	64 - 120	1	30
1,2,4,5-Tetrachlorobenzene			3.33	2.88		mg/Kg		86	60 - 120	1	30
1,4-Dioxane			3.33	2.15		mg/Kg		65	31 - 105	2	30
2,2'-oxybis[1-chloropropane]			3.33	2.33		mg/Kg		70	50 - 126	3	30
2,3,4,6-Tetrachlorophenol			3.33	2.89		mg/Kg		87	62 - 120	1	30
2,4,5-Trichlorophenol			3.33	2.93		mg/Kg		88	64 - 120	4	30
2,4,6-Trichlorophenol			3.33	2.92		mg/Kg		88	65 - 120	1	30
2,4-Dichlorophenol			3.33	3.10		mg/Kg		93	66 - 120	2	30
2,4-Dimethylphenol			3.33	2.92		mg/Kg		88	75 - 136	4	30
2,4-Dinitrophenol			6.67	6.34		mg/Kg		95	41 - 120	2	30
2,4-Dinitrotoluene			3.33	2.90		mg/Kg		87	65 - 124	3	30
2,6-Dinitrotoluene			3.33	2.95		mg/Kg		89	67 - 121	2	30
2-Chloronaphthalene			3.33	2.83		mg/Kg		85	64 - 120	2	30
2-Chlorophenol			3.33	2.98		mg/Kg		89	63 - 120	2	30
2-Methylnaphthalene			3.33	2.98		mg/Kg		89	56 - 102	4	30
2-Methylphenol			3.33	2.76		mg/Kg		83	63 - 120	1	30
2-Nitroaniline			3.33	2.48		mg/Kg		74	52 - 120	1	30
2-Nitrophenol			3.33	3.06		mg/Kg		92	64 - 120	2	30
3 & 4 Methylphenol			3.33	2.85		mg/Kg		86	61 - 120	3	30
3,3'-Dichlorobenzidine			3.33	1.81		mg/Kg		54	10 - 106	1	30
3-Nitroaniline			3.33	2.33		mg/Kg		70	18 - 105	0	30
4,6-Dinitro-2-methylphenol			6.67	6.35		mg/Kg		95	61 - 127	2	30
4-Bromophenyl phenyl ether			3.33	3.14		mg/Kg		94	64 - 120	1	30
4-Chloro-3-methylphenol			3.33	2.80		mg/Kg		84	68 - 120	1	30
4-Chloroaniline			3.33	2.22		mg/Kg		67	10 - 107	2	30
4-Chlorophenyl phenyl ether			3.33	2.84		mg/Kg		85	62 - 120	1	30
4-Methylphenol			3.33	2.85		mg/Kg		86	61 - 120	3	30
4-Nitroaniline			3.33	2.55		mg/Kg		76	51 - 112	4	30
4-Nitrophenol			6.67	4.79		mg/Kg		72	52 - 122	2	30
Acenaphthene			3.33	2.54		mg/Kg		76	65 - 120	0	30
Acenaphthylene			3.33	2.78		mg/Kg		84	68 - 120	1	30
Acetophenone			3.33	2.79		mg/Kg		84	61 - 111	3	30
Anthracene			3.33	2.83		mg/Kg		85	67 - 120	0	30
Atrazine			1.33	1.88		mg/Kg		141	52 - 150	1	30
Benzaldehyde			1.33	1.48		mg/Kg		111	45 - 150	1	30
Benzo[a]anthracene			3.33	2.85		mg/Kg		86	66 - 120	2	30

Method: 8270E - Semivolatile Organic Compounds (GC/MS) (Continued)

Lab Sample ID: LCSD 460-1066372/3-A
Matrix: Solid
Analysis Batch: 1066501

Client Sample ID: Lab Control Sample Dup
Prep Type: Total/NA
Prep Batch: 1066372

Analyte			Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Benzo[a]pyrene			3.33	2.88		mg/Kg		87	69 - 123	3	30
Benzo[b]fluoranthene			3.33	2.84		mg/Kg		85	66 - 125	1	30
Benzo[g,h,i]perylene			3.33	2.79		mg/Kg		84	66 - 138	3	30
Benzo[k]fluoranthene			3.33	2.79		mg/Kg		84	67 - 122	5	30
Bis(2-chloroethoxy)methane			3.33	2.73		mg/Kg		82	62 - 120	3	30
Bis(2-chloroethyl)ether			3.33	2.66		mg/Kg		80	60 - 120	0	30
Bis(2-ethylhexyl) phthalate			3.33	2.86		mg/Kg		86	64 - 125	4	30
Butyl benzyl phthalate			3.33	2.99		mg/Kg		90	62 - 127	3	30
Caprolactam			1.33	1.49		mg/Kg		112	46 - 150	2	30
Carbazole			3.33	2.85		mg/Kg		86	64 - 120	2	30
Chrysene			3.33	2.92		mg/Kg		88	67 - 120	3	30
Dibenz(a,h)anthracene			3.33	2.94		mg/Kg		88	66 - 128	2	30
Dibenzofuran			3.33	2.81		mg/Kg		84	61 - 120	2	30
Diethyl phthalate			3.33	2.75		mg/Kg		82	63 - 120	2	30
Dimethyl phthalate			3.33	2.82		mg/Kg		85	65 - 120	1	30
Di-n-butyl phthalate			3.33	3.06		mg/Kg		92	61 - 120	1	30
Di-n-octyl phthalate			3.33	2.81		mg/Kg		84	61 - 123	2	30
Fluoranthene			3.33	2.91		mg/Kg		87	61 - 120	3	30
Fluorene			3.33	2.77		mg/Kg		83	64 - 120	2	30
Hexachlorobenzene			3.33	3.16		mg/Kg		95	66 - 120	1	30
Hexachlorobutadiene			3.33	3.06		mg/Kg		92	62 - 120	0	30
Hexachlorocyclopentadiene			3.33	2.82		mg/Kg		85	32 - 150	2	30
Hexachloroethane			3.33	2.73		mg/Kg		82	61 - 112	2	30
Indeno[1,2,3-cd]pyrene			3.33	3.00		mg/Kg		90	63 - 137	4	30
Isophorone			3.33	2.65		mg/Kg		79	61 - 120	1	30
Naphthalene			3.33	2.85		mg/Kg		86	63 - 113	2	30
Nitrobenzene			3.33	2.88		mg/Kg		86	63 - 120	2	30
N-Nitrosodi-n-propylamine			3.33	2.57		mg/Kg		77	60 - 120	2	30
N-Nitrosodiphenylamine			3.33	2.87		mg/Kg		86	63 - 120	0	30
Pentachlorophenol			6.67	6.14		mg/Kg		92	61 - 126	0	30
Phenanthrene			3.33	2.89		mg/Kg		87	66 - 120	1	30
Phenol			3.33	2.94		mg/Kg		88	63 - 120	2	30
Pyrene			3.33	2.91		mg/Kg		87	61 - 121	1	30

Surrogate	*LCSD %Recovery*	*LCSD Qualifier*	*Limits*
2,4,6-Tribromophenol (Surr)	*85*		*18 - 137*
2-Fluorobiphenyl	*78*		*33 - 117*
2-Fluorophenol (Surr)	*81*		*24 - 120*
Nitrobenzene-d5 (Surr)	*74*		*27 - 120*
Phenol-d5 (Surr)	*76*		*28 - 118*
Terphenyl-d14 (Surr)	*81*		*33 - 124*

Lab Sample ID: 460-336467-1 MS
Matrix: Solid
Analysis Batch: 1066501

Client Sample ID: 2A_0-6
Prep Type: Total/NA
Prep Batch: 1066372

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec Limits		
1,1'-Biphenyl	0.34	U	3.43	2.47		mg/Kg	☼	72	64 - 120		

Method: 8270E - Semivolatile Organic Compounds (GC/MS) (Continued)

Lab Sample ID: 460-336467-1 MS
Matrix: Solid
Analysis Batch: 1066501

Client Sample ID: 2A_0-6
Prep Type: Total/NA
Prep Batch: 1066372

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec Limits
1,2,4,5-Tetrachlorobenzene	0.34	U	3.43	2.67		mg/Kg	☼	78	60 - 120
1,4-Dioxane	0.034	U	3.43	1.67		mg/Kg	☼	49	31 - 105
2,2'-oxybis[1-chloropropane]	0.34	U	3.43	1.81		mg/Kg	☼	53	50 - 126
2,3,4,6-Tetrachlorophenol	0.34	U	3.43	2.58		mg/Kg	☼	75	62 - 120
2,4,5-Trichlorophenol	0.34	U	3.43	2.65		mg/Kg	☼	77	64 - 120
2,4,6-Trichlorophenol	0.14	U	3.43	2.63		mg/Kg	☼	77	65 - 120
2,4-Dichlorophenol	0.14	U	3.43	2.73		mg/Kg	☼	79	66 - 120
2,4-Dimethylphenol	0.34	U	3.43	2.55	*	mg/Kg	☼	74	75 - 136
2,4-Dinitrophenol	0.27	U	6.86	4.64		mg/Kg	☼	68	41 - 120
2,4-Dinitrotoluene	0.069	U	3.43	2.52		mg/Kg	☼	74	65 - 124
2,6-Dinitrotoluene	0.069	U	3.43	2.59		mg/Kg	☼	76	67 - 121
2-Chloronaphthalene	0.34	U	3.43	2.53		mg/Kg	☼	74	64 - 120
2-Chlorophenol	0.34	U	3.43	2.59		mg/Kg	☼	75	63 - 120
2-Methylnaphthalene	0.34	U	3.43	2.61		mg/Kg	☼	76	56 - 102
2-Methylphenol	0.34	U	3.43	2.41		mg/Kg	☼	70	63 - 120
2-Nitroaniline	0.34	U	3.43	2.10		mg/Kg	☼	61	52 - 120
2-Nitrophenol	0.34	U	3.43	2.66		mg/Kg	☼	78	64 - 120
3 & 4 Methylphenol	0.34	U	3.43	2.40		mg/Kg	☼	70	61 - 120
3,3'-Dichlorobenzidine	0.14	U	3.43	2.00		mg/Kg	☼	58	10 - 106
3-Nitroaniline	0.34	U	3.43	2.04		mg/Kg	☼	59	18 - 105
4,6-Dinitro-2-methylphenol	0.27	U	6.86	5.04		mg/Kg	☼	74	61 - 127
4-Bromophenyl phenyl ether	0.34	U	3.43	2.78		mg/Kg	☼	81	64 - 120
4-Chloro-3-methylphenol	0.34	U	3.43	2.42		mg/Kg	☼	71	68 - 120
4-Chloroaniline	0.34	U	3.43	1.80		mg/Kg	☼	52	10 - 107
4-Chlorophenyl phenyl ether	0.34	U	3.43	2.56		mg/Kg	☼	75	62 - 120
4-Methylphenol	0.34	U	3.43	2.40		mg/Kg	☼	70	61 - 120
4-Nitroaniline	0.34	U	3.43	2.19		mg/Kg	☼	64	51 - 112
4-Nitrophenol	0.69	U	6.86	3.85		mg/Kg	☼	56	52 - 122
Acenaphthene	0.34	U	3.43	2.31		mg/Kg	☼	67	65 - 120
Acenaphthylene	0.34	U	3.43	2.49		mg/Kg	☼	73	68 - 120
Acetophenone	0.34	U	3.43	2.41		mg/Kg	☼	70	61 - 111
Anthracene	0.34	U	3.43	2.52		mg/Kg	☼	73	67 - 120
Atrazine	0.14	U	1.37	1.42		mg/Kg	☼	103	52 - 150
Benzaldehyde	0.34	U	1.37	1.04		mg/Kg	☼	75	45 - 150
Benzo[a]anthracene	0.034	U	3.43	2.53		mg/Kg	☼	74	66 - 120
Benzo[a]pyrene	0.034	U	3.43	2.54		mg/Kg	☼	74	69 - 123
Benzo[b]fluoranthene	0.034	U	3.43	2.50		mg/Kg	☼	73	66 - 125
Benzo[g,h,i]perylene	0.34	U	3.43	2.56		mg/Kg	☼	75	66 - 138
Benzo[k]fluoranthene	0.034	U	3.43	2.42		mg/Kg	☼	71	67 - 122
Bis(2-chloroethoxy)methane	0.34	U	3.43	2.32		mg/Kg	☼	68	62 - 120
Bis(2-chloroethyl)ether	0.034	U	3.43	2.27		mg/Kg	☼	66	60 - 120
Bis(2-ethylhexyl) phthalate	0.34	U	3.43	2.51		mg/Kg	☼	73	64 - 125
Butyl benzyl phthalate	0.34	U	3.43	2.62		mg/Kg	☼	76	62 - 127
Caprolactam	0.34	U	1.37	1.03		mg/Kg	☼	75	46 - 150
Carbazole	0.34	U	3.43	2.47		mg/Kg	☼	72	64 - 120
Chrysene	0.34	U	3.43	2.59		mg/Kg	☼	76	67 - 120
Dibenz(a,h)anthracene	0.034	U	3.43	2.71		mg/Kg	☼	79	66 - 128
Dibenzofuran	0.34	U	3.43	2.48		mg/Kg	☼	72	61 - 120
Diethyl phthalate	0.34	U	3.43	2.43		mg/Kg	☼	71	63 - 120

Method: 8270E - Semivolatile Organic Compounds (GC/MS) (Continued)

Lab Sample ID: 460-336467-1 MS
Matrix: Solid
Analysis Batch: 1066501

Client Sample ID: 2A_0-6
Prep Type: Total/NA
Prep Batch: 1066372

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec Limits
Dimethyl phthalate	0.34	U	3.43	2.50		mg/Kg	☼	73	65 - 120
Di-n-butyl phthalate	0.34	U	3.43	2.71		mg/Kg	☼	79	61 - 120
Di-n-octyl phthalate	0.34	U	3.43	2.40		mg/Kg	☼	70	61 - 123
Fluoranthene	0.34	U	3.43	2.53		mg/Kg	☼	74	61 - 120
Fluorene	0.34	U	3.43	2.43		mg/Kg	☼	71	64 - 120
Hexachlorobenzene	0.034	U	3.43	2.84		mg/Kg	☼	83	66 - 120
Hexachlorobutadiene	0.069	U	3.43	2.81		mg/Kg	☼	82	62 - 120
Hexachlorocyclopentadiene	0.34	U	3.43	2.39		mg/Kg	☼	70	32 - 150
Hexachloroethane	0.034	U	3.43	2.35		mg/Kg	☼	68	61 - 112
Indeno[1,2,3-cd]pyrene	0.034	U	3.43	2.67		mg/Kg	☼	78	63 - 137
Isophorone	0.14	U	3.43	2.24		mg/Kg	☼	65	61 - 120
Naphthalene	0.34	U	3.43	2.46		mg/Kg	☼	72	63 - 113
Nitrobenzene	0.034	U	3.43	2.48		mg/Kg	☼	72	63 - 120
N-Nitrosodi-n-propylamine	0.034	U	3.43	2.14		mg/Kg	☼	62	60 - 120
N-Nitrosodiphenylamine	0.34	U	3.43	2.55		mg/Kg	☼	74	63 - 120
Pentachlorophenol	0.27	U	6.86	5.45		mg/Kg	☼	79	61 - 126
Phenanthrene	0.34	U	3.43	2.59		mg/Kg	☼	75	66 - 120
Phenol	0.34	U	3.43	2.46		mg/Kg	☼	72	63 - 120
Pyrene	0.34	U	3.43	2.60		mg/Kg	☼	76	61 - 121

Surrogate	*MS %Recovery*	*MS Qualifier*	*Limits*
2,4,6-Tribromophenol (Surr)	*71*		*18 - 137*
2-Fluorobiphenyl	*69*		*33 - 117*
2-Fluorophenol (Surr)	*66*		*24 - 120*
Nitrobenzene-d5 (Surr)	*58*		*27 - 120*
Phenol-d5 (Surr)	*63*		*28 - 118*
Terphenyl-d14 (Surr)	*72*		*33 - 124*

Lab Sample ID: 460-336467-1 MSD
Matrix: Solid
Analysis Batch: 1066501

Client Sample ID: 2A_0-6
Prep Type: Total/NA
Prep Batch: 1066372

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
1,1'-Biphenyl	0.34	U	3.45	2.24		mg/Kg	☼	65	64 - 120	10	30
1,2,4,5-Tetrachlorobenzene	0.34	U	3.45	2.44		mg/Kg	☼	71	60 - 120	9	30
1,4-Dioxane	0.034	U	3.45	1.52		mg/Kg	☼	44	31 - 105	10	30
2,2'-oxybis[1-chloropropane]	0.34	U	3.45	1.60	*	mg/Kg	☼	46	50 - 126	12	30
2,3,4,6-Tetrachlorophenol	0.34	U	3.45	2.34		mg/Kg	☼	68	62 - 120	10	30
2,4,5-Trichlorophenol	0.34	U	3.45	2.39		mg/Kg	☼	69	64 - 120	10	30
2,4,6-Trichlorophenol	0.14	U	3.45	2.41		mg/Kg	☼	70	65 - 120	9	30
2,4-Dichlorophenol	0.14	U	3.45	2.53		mg/Kg	☼	73	66 - 120	7	30
2,4-Dimethylphenol	0.34	U	3.45	2.31	*	mg/Kg	☼	67	75 - 136	10	30
2,4-Dinitrophenol	0.27	U	6.90	4.37		mg/Kg	☼	63	41 - 120	6	30
2,4-Dinitrotoluene	0.069	U	3.45	2.29		mg/Kg	☼	66	65 - 124	10	30
2,6-Dinitrotoluene	0.069	U	3.45	2.39		mg/Kg	☼	69	67 - 121	8	30
2-Chloronaphthalene	0.34	U	3.45	2.32		mg/Kg	☼	67	64 - 120	9	30
2-Chlorophenol	0.34	U	3.45	2.27		mg/Kg	☼	66	63 - 120	13	30
2-Methylnaphthalene	0.34	U	3.45	2.37		mg/Kg	☼	69	56 - 102	10	30

Method: 8270E - Semivolatile Organic Compounds (GC/MS) (Continued)

Lab Sample ID: 460-336467-1 MSD
Matrix: Solid
Analysis Batch: 1066501

Client Sample ID: 2A_0-6
Prep Type: Total/NA
Prep Batch: 1066372

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
2-Methylphenol	0.34	U	3.45	2.08	*	mg/Kg	☼	60	63 - 120	15	30
2-Nitroaniline	0.34	U	3.45	1.89		mg/Kg	☼	55	52 - 120	10	30
2-Nitrophenol	0.34	U	3.45	2.45		mg/Kg	☼	71	64 - 120	8	30
3 & 4 Methylphenol	0.34	U	3.45	2.13		mg/Kg	☼	62	61 - 120	12	30
3,3'-Dichlorobenzidine	0.14	U	3.45	1.82		mg/Kg	☼	53	10 - 106	9	30
3-Nitroaniline	0.34	U	3.45	1.84		mg/Kg	☼	53	18 - 105	11	30
4,6-Dinitro-2-methylphenol	0.27	U	6.90	4.68		mg/Kg	☼	68	61 - 127	7	30
4-Bromophenyl phenyl ether	0.34	U	3.45	2.58		mg/Kg	☼	75	64 - 120	7	30
4-Chloro-3-methylphenol	0.34	U	3.45	2.22	*	mg/Kg	☼	64	68 - 120	8	30
4-Chloroaniline	0.34	U	3.45	1.58		mg/Kg	☼	46	10 - 107	13	30
4-Chlorophenyl phenyl ether	0.34	U	3.45	2.31		mg/Kg	☼	67	62 - 120	10	30
4-Methylphenol	0.34	U	3.45	2.13		mg/Kg	☼	62	61 - 120	12	30
4-Nitroaniline	0.34	U	3.45	1.97		mg/Kg	☼	57	51 - 112	10	30
4-Nitrophenol	0.69	U	6.90	3.65		mg/Kg	☼	53	52 - 122	5	30
Acenaphthene	0.34	U	3.45	2.08	*	mg/Kg	☼	60	65 - 120	10	30
Acenaphthylene	0.34	U	3.45	2.29	*	mg/Kg	☼	66	68 - 120	8	30
Acetophenone	0.34	U	3.45	2.13		mg/Kg	☼	62	61 - 111	12	30
Anthracene	0.34	U	3.45	2.34		mg/Kg	☼	68	67 - 120	8	30
Atrazine	0.14	U	1.38	1.39		mg/Kg	☼	101	52 - 150	2	30
Benzaldehyde	0.34	U	1.38	0.976		mg/Kg	☼	71	45 - 150	6	30
Benzo[a]anthracene	0.034	U	3.45	2.36		mg/Kg	☼	68	66 - 120	7	30
Benzo[a]pyrene	0.034	U	3.45	2.34	*	mg/Kg	☼	68	69 - 123	8	30
Benzo[b]fluoranthene	0.034	U	3.45	2.29		mg/Kg	☼	66	66 - 125	9	30
Benzo[g,h,i]perylene	0.34	U	3.45	2.38		mg/Kg	☼	69	66 - 138	8	30
Benzo[k]fluoranthene	0.034	U	3.45	2.21	*	mg/Kg	☼	64	67 - 122	9	30
Bis(2-chloroethoxy)methane	0.34	U	3.45	2.15		mg/Kg	☼	62	62 - 120	7	30
Bis(2-chloroethyl)ether	0.034	U	3.45	2.06		mg/Kg	☼	60	60 - 120	10	30
Bis(2-ethylhexyl) phthalate	0.34	U	3.45	2.38		mg/Kg	☼	69	64 - 125	5	30
Butyl benzyl phthalate	0.34	U	3.45	2.51		mg/Kg	☼	73	62 - 127	4	30
Caprolactam	0.34	U	1.38	1.00		mg/Kg	☼	72	46 - 150	3	30
Carbazole	0.34	U	3.45	2.29		mg/Kg	☼	66	64 - 120	8	30
Chrysene	0.34	U	3.45	2.39		mg/Kg	☼	69	67 - 120	8	30
Dibenz(a,h)anthracene	0.034	U	3.45	2.49		mg/Kg	☼	72	66 - 128	8	30
Dibenzofuran	0.34	U	3.45	2.23		mg/Kg	☼	65	61 - 120	10	30
Diethyl phthalate	0.34	U	3.45	2.19		mg/Kg	☼	64	63 - 120	10	30
Dimethyl phthalate	0.34	U	3.45	2.29		mg/Kg	☼	66	65 - 120	9	30
Di-n-butyl phthalate	0.34	U	3.45	2.49		mg/Kg	☼	72	61 - 120	8	30
Di-n-octyl phthalate	0.34	U	3.45	2.26		mg/Kg	☼	65	61 - 123	6	30
Fluoranthene	0.34	U	3.45	2.29		mg/Kg	☼	66	61 - 120	10	30
Fluorene	0.34	U	3.45	2.21		mg/Kg	☼	64	64 - 120	10	30
Hexachlorobenzene	0.034	U	3.45	2.64		mg/Kg	☼	76	66 - 120	7	30
Hexachlorobutadiene	0.069	U	3.45	2.59		mg/Kg	☼	75	62 - 120	8	30
Hexachlorocyclopentadiene	0.34	U	3.45	2.16		mg/Kg	☼	63	32 - 150	10	30
Hexachloroethane	0.034	U	3.45	2.13		mg/Kg	☼	62	61 - 112	10	30
Indeno[1,2,3-cd]pyrene	0.034	U	3.45	2.50		mg/Kg	☼	73	63 - 137	7	30
Isophorone	0.14	U	3.45	2.05	*	mg/Kg	☼	59	61 - 120	9	30
Naphthalene	0.34	U	3.45	2.27		mg/Kg	☼	66	63 - 113	8	30
Nitrobenzene	0.034	U	3.45	2.23		mg/Kg	☼	65	63 - 120	11	30
N-Nitrosodi-n-propylamine	0.034	U	3.45	1.89	*	mg/Kg	☼	55	60 - 120	12	30

Method: 8270E - Semivolatile Organic Compounds (GC/MS) (Continued)

Lab Sample ID: 460-336467-1 MSD
Matrix: Solid
Analysis Batch: 1066501

Client Sample ID: 2A_0-6
Prep Type: Total/NA
Prep Batch: 1066372

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
N-Nitrosodiphenylamine	0.34	U	3.45	2.37		mg/Kg	☼	69	63 - 120	7	30
Pentachlorophenol	0.27	U	6.90	5.06		mg/Kg	☼	73	61 - 126	7	30
Phenanthrene	0.34	U	3.45	2.36		mg/Kg	☼	68	66 - 120	9	30
Phenol	0.34	U	3.45	2.18		mg/Kg	☼	63	63 - 120	12	30
Pyrene	0.34	U	3.45	2.49		mg/Kg	☼	72	61 - 121	5	30

Surrogate	*MSD %Recovery*	*MSD Qualifier*	*Limits*
2,4,6-Tribromophenol (Surr)	*65*		*18 - 137*
2-Fluorobiphenyl	*60*		*33 - 117*
2-Fluorophenol (Surr)	*59*		*24 - 120*
Nitrobenzene-d5 (Surr)	*54*		*27 - 120*
Phenol-d5 (Surr)	*54*		*28 - 118*
Terphenyl-d14 (Surr)	*67*		*33 - 124*

Method: 8081B - Organochlorine Pesticides (GC)

Lab Sample ID: MB 460-1066251/1-A
Matrix: Solid
Analysis Batch: 1066396

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 1066251

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
4,4'-DDD	0.0067	U	0.0067	0.0011	mg/Kg		10/06/25 10:37	10/07/25 07:09	1
4,4'-DDD	0.0067	U	0.0067	0.0011	mg/Kg		10/06/25 10:37	10/07/25 07:09	1
4,4'-DDE	0.0067	U	0.0067	0.00079	mg/Kg		10/06/25 10:37	10/07/25 07:09	1
4,4'-DDE	0.0067	U	0.0067	0.00079	mg/Kg		10/06/25 10:37	10/07/25 07:09	1
4,4'-DDT	0.0067	U	0.0067	0.0012	mg/Kg		10/06/25 10:37	10/07/25 07:09	1
4,4'-DDT	0.0067	U	0.0067	0.0012	mg/Kg		10/06/25 10:37	10/07/25 07:09	1
Aldrin	0.0067	U	0.0067	0.0010	mg/Kg		10/06/25 10:37	10/07/25 07:09	1
Aldrin	0.0067	U	0.0067	0.0010	mg/Kg		10/06/25 10:37	10/07/25 07:09	1
alpha-BHC	0.0020	U	0.0020	0.00068	mg/Kg		10/06/25 10:37	10/07/25 07:09	1
alpha-BHC	0.0020	U	0.0020	0.00068	mg/Kg		10/06/25 10:37	10/07/25 07:09	1
beta-BHC	0.0020	U	0.0020	0.00075	mg/Kg		10/06/25 10:37	10/07/25 07:09	1
beta-BHC	0.0020	U	0.0020	0.00075	mg/Kg		10/06/25 10:37	10/07/25 07:09	1
Chlordane (technical)	0.067	U	0.067	0.016	mg/Kg		10/06/25 10:37	10/07/25 07:09	1
Chlordane (technical)	0.067	U	0.067	0.016	mg/Kg		10/06/25 10:37	10/07/25 07:09	1
cis-Chlordane	0.0067	U	0.0067	0.0011	mg/Kg		10/06/25 10:37	10/07/25 07:09	1
cis-Chlordane	0.0067	U	0.0067	0.0011	mg/Kg		10/06/25 10:37	10/07/25 07:09	1
delta-BHC	0.0020	U	0.0020	0.00041	mg/Kg		10/06/25 10:37	10/07/25 07:09	1
delta-BHC	0.0020	U	0.0020	0.00041	mg/Kg		10/06/25 10:37	10/07/25 07:09	1
Dieldrin	0.0020	U	0.0020	0.00087	mg/Kg		10/06/25 10:37	10/07/25 07:09	1
Dieldrin	0.0020	U	0.0020	0.00087	mg/Kg		10/06/25 10:37	10/07/25 07:09	1
Endosulfan I	0.0067	U	0.0067	0.0010	mg/Kg		10/06/25 10:37	10/07/25 07:09	1
Endosulfan I	0.0067	U	0.0067	0.0010	mg/Kg		10/06/25 10:37	10/07/25 07:09	1
Endosulfan II	0.0067	U	0.0067	0.0017	mg/Kg		10/06/25 10:37	10/07/25 07:09	1
Endosulfan II	0.0067	U	0.0067	0.0017	mg/Kg		10/06/25 10:37	10/07/25 07:09	1
Endosulfan sulfate	0.0067	U	0.0067	0.00084	mg/Kg		10/06/25 10:37	10/07/25 07:09	1
Endosulfan sulfate	0.0067	U	0.0067	0.00084	mg/Kg		10/06/25 10:37	10/07/25 07:09	1
Endrin	0.0067	U	0.0067	0.00096	mg/Kg		10/06/25 10:37	10/07/25 07:09	1
Endrin	0.0067	U	0.0067	0.00096	mg/Kg		10/06/25 10:37	10/07/25 07:09	1

Method: 8081B - Organochlorine Pesticides (GC) (Continued)

Lab Sample ID: MB 460-1066251/1-A
Matrix: Solid
Analysis Batch: 1066396

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 1066251

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Endrin aldehyde	0.0067	U	0.0067	0.0016	mg/Kg		10/06/25 10:37	10/07/25 07:09	1
Endrin aldehyde	0.0067	U	0.0067	0.0016	mg/Kg		10/06/25 10:37	10/07/25 07:09	1
Endrin ketone	0.0067	U	0.0067	0.0013	mg/Kg		10/06/25 10:37	10/07/25 07:09	1
Endrin ketone	0.0067	U	0.0067	0.0013	mg/Kg		10/06/25 10:37	10/07/25 07:09	1
gamma-BHC (Lindane)	0.0020	U	0.0020	0.00062	mg/Kg		10/06/25 10:37	10/07/25 07:09	1
gamma-BHC (Lindane)	0.0020	U	0.0020	0.00062	mg/Kg		10/06/25 10:37	10/07/25 07:09	1
Heptachlor	0.0067	U	0.0067	0.00079	mg/Kg		10/06/25 10:37	10/07/25 07:09	1
Heptachlor	0.0067	U	0.0067	0.00079	mg/Kg		10/06/25 10:37	10/07/25 07:09	1
Heptachlor epoxide	0.0067	U	0.0067	0.0010	mg/Kg		10/06/25 10:37	10/07/25 07:09	1
Heptachlor epoxide	0.0067	U	0.0067	0.0010	mg/Kg		10/06/25 10:37	10/07/25 07:09	1
Methoxychlor	0.0067	U	0.0067	0.0015	mg/Kg		10/06/25 10:37	10/07/25 07:09	1
Methoxychlor	0.0067	U	0.0067	0.0015	mg/Kg		10/06/25 10:37	10/07/25 07:09	1
Toxaphene	0.067	U	0.067	0.024	mg/Kg		10/06/25 10:37	10/07/25 07:09	1
Toxaphene	0.067	U	0.067	0.024	mg/Kg		10/06/25 10:37	10/07/25 07:09	1

Surrogate	*MB %Recovery*	*MB Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
DCB Decachlorobiphenyl	*53*		*10 - 150*	*10/06/25 10:37*	*10/07/25 07:09*	*1*
DCB Decachlorobiphenyl	*56*		*10 - 150*	*10/06/25 10:37*	*10/07/25 07:09*	*1*
Tetrachloro-m-xylene	*82*		*14 - 150*	*10/06/25 10:37*	*10/07/25 07:09*	*1*
Tetrachloro-m-xylene	*79*		*14 - 150*	*10/06/25 10:37*	*10/07/25 07:09*	*1*

Lab Sample ID: LCS 460-1066251/2-A
Matrix: Solid
Analysis Batch: 1066396

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 1066251

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
4,4'-DDD	0.133	0.120		mg/Kg		90	71 - 134
4,4'-DDD	0.133	0.118		mg/Kg		89	71 - 134
4,4'-DDE	0.133	0.128		mg/Kg		96	71 - 137
4,4'-DDE	0.133	0.115		mg/Kg		86	71 - 137
4,4'-DDT	0.133	0.135		mg/Kg		101	69 - 140
4,4'-DDT	0.133	0.131		mg/Kg		98	69 - 140
Aldrin	0.133	0.121		mg/Kg		90	68 - 136
Aldrin	0.133	0.110		mg/Kg		82	68 - 136
alpha-BHC	0.133	0.118		mg/Kg		89	71 - 136
alpha-BHC	0.133	0.121		mg/Kg		91	71 - 136
beta-BHC	0.133	0.120		mg/Kg		90	67 - 133
beta-BHC	0.133	0.108		mg/Kg		81	67 - 133
cis-Chlordane	0.133	0.128		mg/Kg		96	70 - 140
cis-Chlordane	0.133	0.115		mg/Kg		86	70 - 140
delta-BHC	0.133	0.119		mg/Kg		89	70 - 135
delta-BHC	0.133	0.122		mg/Kg		91	70 - 135
Dieldrin	0.133	0.123		mg/Kg		92	71 - 135
Dieldrin	0.133	0.116		mg/Kg		87	71 - 135
Endosulfan I	0.133	0.128		mg/Kg		96	70 - 141
Endosulfan I	0.133	0.119		mg/Kg		89	70 - 141
Endosulfan II	0.133	0.126		mg/Kg		95	75 - 141
Endosulfan II	0.133	0.121		mg/Kg		91	75 - 141

Method: 8081B - Organochlorine Pesticides (GC) (Continued)

Lab Sample ID: LCS 460-1066251/2-A
Matrix: Solid
Analysis Batch: 1066396

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 1066251

Analyte			Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits		
Endosulfan sulfate			0.133	0.125		mg/Kg		93	67 - 130		
Endosulfan sulfate			0.133	0.109		mg/Kg		82	67 - 130		
Endrin			0.133	0.125		mg/Kg		94	66 - 143		
Endrin			0.133	0.115		mg/Kg		86	66 - 143		
Endrin aldehyde			0.133	0.131		mg/Kg		99	70 - 132		
Endrin aldehyde			0.133	0.114		mg/Kg		86	70 - 132		
Endrin ketone			0.133	0.138		mg/Kg		103	66 - 137		
Endrin ketone			0.133	0.115		mg/Kg		86	66 - 137		
gamma-BHC (Lindane)			0.133	0.122		mg/Kg		92	71 - 137		
gamma-BHC (Lindane)			0.133	0.118		mg/Kg		89	71 - 137		
Heptachlor			0.133	0.125		mg/Kg		94	70 - 140		
Heptachlor			0.133	0.121		mg/Kg		91	70 - 140		
Heptachlor epoxide			0.133	0.126		mg/Kg		94	70 - 135		
Heptachlor epoxide			0.133	0.118		mg/Kg		89	70 - 135		
Methoxychlor			0.133	0.131		mg/Kg		98	63 - 138		
Methoxychlor			0.133	0.127		mg/Kg		95	63 - 138		

Surrogate	*LCS %Recovery*	*LCS Qualifier*	*Limits*
DCB Decachlorobiphenyl	*44*		*10 - 150*
DCB Decachlorobiphenyl	*50*		*10 - 150*
Tetrachloro-m-xylene	*66*		*14 - 150*
Tetrachloro-m-xylene	*72*		*14 - 150*

Lab Sample ID: LCSD 460-1066251/3-A
Matrix: Solid
Analysis Batch: 1066396

Client Sample ID: Lab Control Sample Dup
Prep Type: Total/NA
Prep Batch: 1066251

Analyte			Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
4,4'-DDD			0.133	0.118		mg/Kg		88	71 - 134	2	30
4,4'-DDD			0.133	0.118		mg/Kg		89	71 - 134	0	30
4,4'-DDE			0.133	0.126		mg/Kg		95	71 - 137	1	30
4,4'-DDE			0.133	0.114		mg/Kg		86	71 - 137	1	30
4,4'-DDT			0.133	0.132		mg/Kg		99	69 - 140	2	30
4,4'-DDT			0.133	0.132		mg/Kg		99	69 - 140	0	30
Aldrin			0.133	0.119		mg/Kg		89	68 - 136	2	30
Aldrin			0.133	0.109		mg/Kg		81	68 - 136	1	30
alpha-BHC			0.133	0.115		mg/Kg		86	71 - 136	2	30
alpha-BHC			0.133	0.119		mg/Kg		89	71 - 136	2	30
beta-BHC			0.133	0.118		mg/Kg		88	67 - 133	2	30
beta-BHC			0.133	0.109		mg/Kg		82	67 - 133	2	30
cis-Chlordane			0.133	0.126		mg/Kg		95	70 - 140	1	30
cis-Chlordane			0.133	0.114		mg/Kg		86	70 - 140	1	30
delta-BHC			0.133	0.117		mg/Kg		88	70 - 135	2	30
delta-BHC			0.133	0.120		mg/Kg		90	70 - 135	1	30
Dieldrin			0.133	0.121		mg/Kg		91	71 - 135	2	30
Dieldrin			0.133	0.115		mg/Kg		86	71 - 135	1	30
Endosulfan I			0.133	0.127		mg/Kg		95	70 - 141	1	30
Endosulfan I			0.133	0.119		mg/Kg		89	70 - 141	0	30

Method: 8081B - Organochlorine Pesticides (GC) (Continued)

Lab Sample ID: LCSD 460-1066251/3-A
Matrix: Solid
Analysis Batch: 1066396

Client Sample ID: Lab Control Sample Dup
Prep Type: Total/NA
Prep Batch: 1066251

Analyte			Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Endosulfan II			0.133	0.124		mg/Kg		93	75 - 141	2	30
Endosulfan II			0.133	0.120		mg/Kg		90	75 - 141	0	30
Endosulfan sulfate			0.133	0.123		mg/Kg		92	67 - 130	1	30
Endosulfan sulfate			0.133	0.109		mg/Kg		82	67 - 130	1	30
Endrin			0.133	0.124		mg/Kg		93	66 - 143	1	30
Endrin			0.133	0.116		mg/Kg		87	66 - 143	0	30
Endrin aldehyde			0.133	0.129		mg/Kg		97	70 - 132	2	30
Endrin aldehyde			0.133	0.113		mg/Kg		85	70 - 132	1	30
Endrin ketone			0.133	0.135		mg/Kg		101	66 - 137	2	30
Endrin ketone			0.133	0.113		mg/Kg		85	66 - 137	1	30
gamma-BHC (Lindane)			0.133	0.120		mg/Kg		90	71 - 137	2	30
gamma-BHC (Lindane)			0.133	0.117		mg/Kg		88	71 - 137	1	30
Heptachlor			0.133	0.123		mg/Kg		92	70 - 140	2	30
Heptachlor			0.133	0.119		mg/Kg		89	70 - 140	1	30
Heptachlor epoxide			0.133	0.124		mg/Kg		93	70 - 135	1	30
Heptachlor epoxide			0.133	0.118		mg/Kg		88	70 - 135	1	30
Methoxychlor			0.133	0.127		mg/Kg		95	63 - 138	3	30
Methoxychlor			0.133	0.125		mg/Kg		94	63 - 138	2	30

Surrogate	*LCSD %Recovery*	*LCSD Qualifier*	*Limits*
DCB Decachlorobiphenyl	*43*		*10 - 150*
DCB Decachlorobiphenyl	*46*		*10 - 150*
Tetrachloro-m-xylene	*70*		*14 - 150*
Tetrachloro-m-xylene	*70*		*14 - 150*

Lab Sample ID: 460-336467-1 MS
Matrix: Solid
Analysis Batch: 1066396

Client Sample ID: 2A_0-6
Prep Type: Total/NA
Prep Batch: 1066251

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec Limits
4,4'-DDD	0.0069	U	0.138	0.116		mg/Kg	☼	84	71 - 134
4,4'-DDD	0.0069	U	0.138	0.111		mg/Kg	☼	80	71 - 134
4,4'-DDE	0.0069	U	0.138	0.126		mg/Kg	☼	91	71 - 137
4,4'-DDE	0.0069	U	0.138	0.110		mg/Kg	☼	80	71 - 137
4,4'-DDT	0.0069	U	0.138	0.133		mg/Kg	☼	97	69 - 140
4,4'-DDT	0.0069	U	0.138	0.123		mg/Kg	☼	89	69 - 140
Aldrin	0.0069	U	0.138	0.119		mg/Kg	☼	87	68 - 136
Aldrin	0.0069	U	0.138	0.103		mg/Kg	☼	74	68 - 136
alpha-BHC	0.0021	U	0.138	0.116		mg/Kg	☼	84	71 - 136
alpha-BHC	0.0021	U	0.138	0.113		mg/Kg	☼	82	71 - 136
beta-BHC	0.0021	U	0.138	0.115		mg/Kg	☼	83	67 - 133
beta-BHC	0.0021	U	0.138	0.102		mg/Kg	☼	74	67 - 133
cis-Chlordane	0.0069	U	0.138	0.124		mg/Kg	☼	90	70 - 140
cis-Chlordane	0.0069	U	0.138	0.107		mg/Kg	☼	78	70 - 140
delta-BHC	0.0021	U	0.138	0.116		mg/Kg	☼	84	70 - 135
delta-BHC	0.0021	U	0.138	0.112		mg/Kg	☼	81	70 - 135
Dieldrin	0.0021	U	0.138	0.122		mg/Kg	☼	88	71 - 135
Dieldrin	0.0021	U	0.138	0.108		mg/Kg	☼	78	71 - 135

Method: 8081B - Organochlorine Pesticides (GC) (Continued)

Lab Sample ID: 460-336467-1 MS
Matrix: Solid
Analysis Batch: 1066396

Client Sample ID: 2A_0-6
Prep Type: Total/NA
Prep Batch: 1066251

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec Limits
Endosulfan I	0.0069	U	0.138	0.124		mg/Kg	☼	90	70 - 141
Endosulfan I	0.0069	U	0.138	0.109		mg/Kg	☼	79	70 - 141
Endosulfan II	0.0069	U	0.138	0.123		mg/Kg	☼	89	75 - 141
Endosulfan II	0.0069	U	0.138	0.112		mg/Kg	☼	81	75 - 141
Endosulfan sulfate	0.0069	U	0.138	0.117		mg/Kg	☼	85	67 - 130
Endosulfan sulfate	0.0069	U	0.138	0.0963		mg/Kg	☼	70	67 - 130
Endrin	0.0069	U	0.138	0.124		mg/Kg	☼	90	66 - 143
Endrin	0.0069	U	0.138	0.110		mg/Kg	☼	79	66 - 143
Endrin aldehyde	0.0069	U	0.138	0.106		mg/Kg	☼	77	70 - 132
Endrin aldehyde	0.0069	U	0.138	0.0891	*	mg/Kg	☼	65	70 - 132
Endrin ketone	0.0069	U	0.138	0.131		mg/Kg	☼	95	66 - 137
Endrin ketone	0.0069	U	0.138	0.103		mg/Kg	☼	75	66 - 137
gamma-BHC (Lindane)	0.0021	U	0.138	0.120		mg/Kg	☼	87	71 - 137
gamma-BHC (Lindane)	0.0021	U	0.138	0.111		mg/Kg	☼	81	71 - 137
Heptachlor	0.0069	U	0.138	0.125		mg/Kg	☼	91	70 - 140
Heptachlor	0.0069	U	0.138	0.116		mg/Kg	☼	84	70 - 140
Heptachlor epoxide	0.0069	U	0.138	0.125		mg/Kg	☼	91	70 - 135
Heptachlor epoxide	0.0069	U	0.138	0.111		mg/Kg	☼	80	70 - 135
Methoxychlor	0.0069	U	0.138	0.130		mg/Kg	☼	94	63 - 138
Methoxychlor	0.0069	U	0.138	0.123		mg/Kg	☼	89	63 - 138

Surrogate	*MS %Recovery*	*MS Qualifier*	*Limits*
DCB Decachlorobiphenyl	*38*		*10 - 150*
DCB Decachlorobiphenyl	*51*		*10 - 150*
Tetrachloro-m-xylene	*63*		*14 - 150*
Tetrachloro-m-xylene	*61*		*14 - 150*

Lab Sample ID: 460-336467-1 MSD
Matrix: Solid
Analysis Batch: 1066396

Client Sample ID: 2A_0-6
Prep Type: Total/NA
Prep Batch: 1066251

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
4,4'-DDD	0.0069	U	0.138	0.110		mg/Kg	☼	80	71 - 134	5	30
4,4'-DDD	0.0069	U	0.138	0.105		mg/Kg	☼	76	71 - 134	5	30
4,4'-DDE	0.0069	U	0.138	0.119		mg/Kg	☼	86	71 - 137	5	30
4,4'-DDE	0.0069	U	0.138	0.107		mg/Kg	☼	77	71 - 137	3	30
4,4'-DDT	0.0069	U	0.138	0.127		mg/Kg	☼	92	69 - 140	5	30
4,4'-DDT	0.0069	U	0.138	0.118		mg/Kg	☼	85	69 - 140	4	30
Aldrin	0.0069	U	0.138	0.114		mg/Kg	☼	83	68 - 136	4	30
Aldrin	0.0069	U	0.138	0.0994		mg/Kg	☼	72	68 - 136	3	30
alpha-BHC	0.0021	U	0.138	0.110		mg/Kg	☼	80	71 - 136	5	30
alpha-BHC	0.0021	U	0.138	0.109		mg/Kg	☼	79	71 - 136	4	30
beta-BHC	0.0021	U	0.138	0.111		mg/Kg	☼	80	67 - 133	4	30
beta-BHC	0.0021	U	0.138	0.0982		mg/Kg	☼	71	67 - 133	4	30
cis-Chlordane	0.0069	U	0.138	0.118		mg/Kg	☼	85	70 - 140	5	30
cis-Chlordane	0.0069	U	0.138	0.104		mg/Kg	☼	75	70 - 140	3	30
delta-BHC	0.0021	U	0.138	0.111		mg/Kg	☼	80	70 - 135	5	30
delta-BHC	0.0021	U	0.138	0.108		mg/Kg	☼	78	70 - 135	3	30

Method: 8081B - Organochlorine Pesticides (GC) (Continued)

Lab Sample ID: 460-336467-1 MSD
Matrix: Solid
Analysis Batch: 1066396

Client Sample ID: 2A_0-6
Prep Type: Total/NA
Prep Batch: 1066251

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Dieldrin	0.0021	U	0.138	0.115		mg/Kg	☼	83	71 - 135	6	30
Dieldrin	0.0021	U	0.138	0.104		mg/Kg	☼	75	71 - 135	4	30
Endosulfan I	0.0069	U	0.138	0.119		mg/Kg	☼	86	70 - 141	5	30
Endosulfan I	0.0069	U	0.138	0.106		mg/Kg	☼	76	70 - 141	4	30
Endosulfan II	0.0069	U	0.138	0.117		mg/Kg	☼	84	75 - 141	5	30
Endosulfan II	0.0069	U	0.138	0.106		mg/Kg	☼	76	75 - 141	6	30
Endosulfan sulfate	0.0069	U	0.138	0.112		mg/Kg	☼	81	67 - 130	4	30
Endosulfan sulfate	0.0069	U	0.138	0.0933		mg/Kg	☼	68	67 - 130	3	30
Endrin	0.0069	U	0.138	0.118		mg/Kg	☼	85	66 - 143	5	30
Endrin	0.0069	U	0.138	0.105		mg/Kg	☼	76	66 - 143	4	30
Endrin aldehyde	0.0069	U	0.138	0.102		mg/Kg	☼	74	70 - 132	4	30
Endrin aldehyde	0.0069	U	0.138	0.0862	*	mg/Kg	☼	62	70 - 132	3	30
Endrin ketone	0.0069	U	0.138	0.123		mg/Kg	☼	89	66 - 137	6	30
Endrin ketone	0.0069	U	0.138	0.0984		mg/Kg	☼	71	66 - 137	4	30
gamma-BHC (Lindane)	0.0021	U	0.138	0.114		mg/Kg	☼	83	71 - 137	5	30
gamma-BHC (Lindane)	0.0021	U	0.138	0.107		mg/Kg	☼	78	71 - 137	4	30
Heptachlor	0.0069	U	0.138	0.119		mg/Kg	☼	86	70 - 140	5	30
Heptachlor	0.0069	U	0.138	0.112		mg/Kg	☼	81	70 - 140	3	30
Heptachlor epoxide	0.0069	U	0.138	0.119		mg/Kg	☼	86	70 - 135	5	30
Heptachlor epoxide	0.0069	U	0.138	0.107		mg/Kg	☼	78	70 - 135	3	30
Methoxychlor	0.0069	U	0.138	0.124		mg/Kg	☼	90	63 - 138	5	30
Methoxychlor	0.0069	U	0.138	0.118		mg/Kg	☼	86	63 - 138	4	30

Surrogate	*MSD %Recovery*	*MSD Qualifier*	*Limits*
DCB Decachlorobiphenyl	*38*		*10 - 150*
DCB Decachlorobiphenyl	*36*		*10 - 150*
Tetrachloro-m-xylene	*59*		*14 - 150*
Tetrachloro-m-xylene	*55*		*14 - 150*

Method: 8082A - Polychlorinated Biphenyls (PCBs) by Gas Chromatography

Lab Sample ID: MB 460-1066250/1-A
Matrix: Solid
Analysis Batch: 1066555

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 1066250

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Aroclor 1016	0.067	U	0.067	0.018	mg/Kg		10/06/25 10:33	10/07/25 19:09	1
Aroclor 1016	0.067	U	0.067	0.018	mg/Kg		10/06/25 10:33	10/07/25 19:09	1
Aroclor 1221	0.067	U	0.067	0.018	mg/Kg		10/06/25 10:33	10/07/25 19:09	1
Aroclor 1221	0.067	U	0.067	0.018	mg/Kg		10/06/25 10:33	10/07/25 19:09	1
Aroclor 1232	0.067	U	0.067	0.018	mg/Kg		10/06/25 10:33	10/07/25 19:09	1
Aroclor 1232	0.067	U	0.067	0.018	mg/Kg		10/06/25 10:33	10/07/25 19:09	1
Aroclor 1242	0.067	U	0.067	0.018	mg/Kg		10/06/25 10:33	10/07/25 19:09	1
Aroclor 1242	0.067	U	0.067	0.018	mg/Kg		10/06/25 10:33	10/07/25 19:09	1
Aroclor 1248	0.067	U	0.067	0.018	mg/Kg		10/06/25 10:33	10/07/25 19:09	1
Aroclor 1248	0.067	U	0.067	0.018	mg/Kg		10/06/25 10:33	10/07/25 19:09	1
Aroclor 1254	0.067	U	0.067	0.018	mg/Kg		10/06/25 10:33	10/07/25 19:09	1
Aroclor 1254	0.067	U	0.067	0.018	mg/Kg		10/06/25 10:33	10/07/25 19:09	1
Aroclor 1260	0.067	U	0.067	0.018	mg/Kg		10/06/25 10:33	10/07/25 19:09	1

Method: 8082A - Polychlorinated Biphenyls (PCBs) by Gas Chromatography (Continued)

Lab Sample ID: MB 460-1066250/1-A
Matrix: Solid
Analysis Batch: 1066555

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 1066250

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Aroclor 1260	0.067	U	0.067	0.018	mg/Kg		10/06/25 10:33	10/07/25 19:09	1
Aroclor-1262	0.067	U	0.067	0.018	mg/Kg		10/06/25 10:33	10/07/25 19:09	1
Aroclor-1262	0.067	U	0.067	0.018	mg/Kg		10/06/25 10:33	10/07/25 19:09	1
Aroclor 1268	0.067	U	0.067	0.018	mg/Kg		10/06/25 10:33	10/07/25 19:09	1
Aroclor 1268	0.067	U	0.067	0.018	mg/Kg		10/06/25 10:33	10/07/25 19:09	1
Polychlorinated biphenyls, Total	0.067	U	0.067	0.018	mg/Kg		10/06/25 10:33	10/07/25 19:09	1
Polychlorinated biphenyls, Total	0.067	U	0.067	0.018	mg/Kg		10/06/25 10:33	10/07/25 19:09	1

Surrogate	*MB %Recovery*	*MB Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
DCB Decachlorobiphenyl	*55*		*10 - 150*	*10/06/25 10:33*	*10/07/25 19:09*	*1*
DCB Decachlorobiphenyl	*59*		*10 - 150*	*10/06/25 10:33*	*10/07/25 19:09*	*1*
Tetrachloro-m-xylene	*108*		*10 - 150*	*10/06/25 10:33*	*10/07/25 19:09*	*1*
Tetrachloro-m-xylene	*112*		*10 - 150*	*10/06/25 10:33*	*10/07/25 19:09*	*1*

Lab Sample ID: LCS 460-1066250/2-A
Matrix: Solid
Analysis Batch: 1066555

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 1066250

Analyte			Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits		
Aroclor 1016			0.333	0.325		mg/Kg		98	59 - 149		
Aroclor 1016			0.333	0.312		mg/Kg		94	59 - 149		
Aroclor 1260			0.333	0.317		mg/Kg		95	62 - 145		
Aroclor 1260			0.333	0.324		mg/Kg		97	62 - 145		

Surrogate	*LCS %Recovery*	*LCS Qualifier*	*Limits*
DCB Decachlorobiphenyl	*51*		*10 - 150*
DCB Decachlorobiphenyl	*55*		*10 - 150*
Tetrachloro-m-xylene	*97*		*10 - 150*
Tetrachloro-m-xylene	*101*		*10 - 150*

Lab Sample ID: LCSD 460-1066250/3-A
Matrix: Solid
Analysis Batch: 1066555

Client Sample ID: Lab Control Sample Dup
Prep Type: Total/NA
Prep Batch: 1066250

Analyte			Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Aroclor 1016			0.333	0.311		mg/Kg		93	59 - 149	4	30
Aroclor 1016			0.333	0.307		mg/Kg		92	59 - 149	2	30
Aroclor 1260			0.333	0.291		mg/Kg		87	62 - 145	8	30
Aroclor 1260			0.333	0.304		mg/Kg		91	62 - 145	7	30

Surrogate	*LCSD %Recovery*	*LCSD Qualifier*	*Limits*
DCB Decachlorobiphenyl	*47*		*10 - 150*
DCB Decachlorobiphenyl	*51*		*10 - 150*
Tetrachloro-m-xylene	*91*		*10 - 150*
Tetrachloro-m-xylene	*95*		*10 - 150*

Method: 8082A - Polychlorinated Biphenyls (PCBs) by Gas Chromatography (Continued)

Lab Sample ID: 460-336467-1 MS
Matrix: Solid
Analysis Batch: 1066555

Client Sample ID: 2A_0-6
Prep Type: Total/NA
Prep Batch: 1066250

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec Limits
Aroclor 1016	0.069	U	0.345	0.290		mg/Kg	☼	84	59 - 149
Aroclor 1016	0.069	U	0.345	0.292		mg/Kg	☼	85	59 - 149
Aroclor 1260	0.069	U	0.345	0.279		mg/Kg	☼	81	62 - 145
Aroclor 1260	0.069	U	0.345	0.266		mg/Kg	☼	77	62 - 145

Surrogate	*MS %Recovery*	*MS Qualifier*	*Limits*
DCB Decachlorobiphenyl	*50*		*10 - 150*
DCB Decachlorobiphenyl	*50*		*10 - 150*
Tetrachloro-m-xylene	*93*		*10 - 150*
Tetrachloro-m-xylene	*97*		*10 - 150*

Lab Sample ID: 460-336467-1 MSD
Matrix: Solid
Analysis Batch: 1066555

Client Sample ID: 2A_0-6
Prep Type: Total/NA
Prep Batch: 1066250

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Aroclor 1016	0.069	U	0.345	0.356		mg/Kg	☼	103	59 - 149	20	30
Aroclor 1016	0.069	U	0.345	0.346		mg/Kg	☼	100	59 - 149	17	30
Aroclor 1260	0.069	U	0.345	0.369		mg/Kg	☼	107	62 - 145	28	30
Aroclor 1260	0.069	U	0.345	0.327		mg/Kg	☼	95	62 - 145	21	30

Surrogate	*MSD %Recovery*	*MSD Qualifier*	*Limits*
DCB Decachlorobiphenyl	*60*		*10 - 150*
DCB Decachlorobiphenyl	*57*		*10 - 150*
Tetrachloro-m-xylene	*108*		*10 - 150*
Tetrachloro-m-xylene	*113*		*10 - 150*

Method: 1633A - Per- and Polyfluoroalkyl Substances by LC/MS/MS, 1633A

Lab Sample ID: MB 410-710918/1-A
Matrix: Solid
Analysis Batch: 710788

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 710918

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Perfluorobutanoic acid (PFBA)	0.40	U	0.40	0.10	ug/Kg		10/08/25 14:09	10/09/25 13:06	1
Perfluoropentanoic acid (PFPeA)	0.20	U	0.20	0.10	ug/Kg		10/08/25 14:09	10/09/25 13:06	1
Perfluorohexanoic acid (PFHxA)	0.20	U	0.20	0.10	ug/Kg		10/08/25 14:09	10/09/25 13:06	1
Perfluoroheptanoic acid (PFHpA)	0.20	U	0.20	0.10	ug/Kg		10/08/25 14:09	10/09/25 13:06	1
Perfluorooctanoic acid (PFOA)	0.20	U	0.20	0.060	ug/Kg		10/08/25 14:09	10/09/25 13:06	1
Perfluorononanoic acid (PFNA)	0.20	U	0.20	0.10	ug/Kg		10/08/25 14:09	10/09/25 13:06	1
Perfluorodecanoic acid (PFDA)	0.20	U	0.20	0.060	ug/Kg		10/08/25 14:09	10/09/25 13:06	1
Perfluoroundecanoic acid (PFUnA)	0.20	U	0.20	0.10	ug/Kg		10/08/25 14:09	10/09/25 13:06	1
Perfluorododecanoic acid (PFDoA)	0.20	U	0.20	0.10	ug/Kg		10/08/25 14:09	10/09/25 13:06	1
Perfluorotridecanoic acid (PFTrDA)	0.20	U	0.20	0.10	ug/Kg		10/08/25 14:09	10/09/25 13:06	1
Perfluorotetradecanoic acid (PFTeDA)	0.20	U	0.20	0.10	ug/Kg		10/08/25 14:09	10/09/25 13:06	1
Perfluorobutanesulfonic acid (PFBS)	0.20	U	0.20	0.10	ug/Kg		10/08/25 14:09	10/09/25 13:06	1
Perfluoropentanesulfonic acid (PFPeS)	0.20	U	0.20	0.10	ug/Kg		10/08/25 14:09	10/09/25 13:06	1

Method: 1633A - Per- and Polyfluoroalkyl Substances by LC/MS/MS, 1633A (Continued)

Lab Sample ID: MB 410-710918/1-A
Matrix: Solid
Analysis Batch: 710788

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 710918

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Perfluorohexanesulfonic acid (PFHxS)	0.20	U	0.20	0.10	ug/Kg		10/08/25 14:09	10/09/25 13:06	1
Perfluoroheptanesulfonic acid (PFHpS)	0.20	U	0.20	0.10	ug/Kg		10/08/25 14:09	10/09/25 13:06	1
Perfluorooctanesulfonic acid (PFOS)	0.20	U	0.20	0.10	ug/Kg		10/08/25 14:09	10/09/25 13:06	1
Perfluorononanesulfonic acid (PFNS)	0.20	U	0.20	0.10	ug/Kg		10/08/25 14:09	10/09/25 13:06	1
Perfluorodecanesulfonic acid (PFDS)	0.20	U	0.20	0.10	ug/Kg		10/08/25 14:09	10/09/25 13:06	1
Perfluorododecanesulfonic acid (PFDoS)	0.20	U	0.20	0.10	ug/Kg		10/08/25 14:09	10/09/25 13:06	1
1H,1H,2H,2H-Perfluorohexane sulfonic acid (4:2 FTS)	0.40	U	0.40	0.20	ug/Kg		10/08/25 14:09	10/09/25 13:06	1
1H,1H,2H,2H-Perfluorooctane sulfonic acid (6:2 FTS)	0.40	U	0.40	0.20	ug/Kg		10/08/25 14:09	10/09/25 13:06	1
1H,1H,2H,2H-Perfluorodecane sulfonic acid (8:2 FTS)	0.40	U	0.40	0.20	ug/Kg		10/08/25 14:09	10/09/25 13:06	1
Perfluorooctanesulfonamide (PFOSA)	0.20	U	0.20	0.10	ug/Kg		10/08/25 14:09	10/09/25 13:06	1
N-methylperfluorooctane sulfonamide (NMeFOSA)	0.20	U	0.20	0.10	ug/Kg		10/08/25 14:09	10/09/25 13:06	1
N-ethylperfluorooctane sulfonamide (NEtFOSA)	0.20	U	0.20	0.10	ug/Kg		10/08/25 14:09	10/09/25 13:06	1
N-methylperfluorooctanesulfonamidoacetic acid (NMeFOSAA)	0.20	U	0.20	0.10	ug/Kg		10/08/25 14:09	10/09/25 13:06	1
N-ethylperfluorooctanesulfonamidoacetic acid (NEtFOSAA)	0.20	U	0.20	0.10	ug/Kg		10/08/25 14:09	10/09/25 13:06	1
N-methylperfluorooctane sulfonamidoethanol (NMeFOSE)	1.00	U	1.00	0.50	ug/Kg		10/08/25 14:09	10/09/25 13:06	1
N-ethylperfluorooctane sulfonamidoethanol (NEtFOSE)	1.00	U	1.00	0.50	ug/Kg		10/08/25 14:09	10/09/25 13:06	1
Hexafluoropropylene Oxide Dimer Acid (HFPO-DA)	0.20	U	0.20	0.10	ug/Kg		10/08/25 14:09	10/09/25 13:06	1
4,8-Dioxa-3H-perfluorononanoic acid (ADONA)	0.20	U	0.20	0.10	ug/Kg		10/08/25 14:09	10/09/25 13:06	1
Perfluoro-3-methoxypropanoic acid (PFMPA)	0.20	U	0.20	0.10	ug/Kg		10/08/25 14:09	10/09/25 13:06	1
Perfluoro-4-methoxybutanoic acid (PFMBA)	0.20	U	0.20	0.10	ug/Kg		10/08/25 14:09	10/09/25 13:06	1
Nonafluoro-3,6-dioxaheptanoic acid (NFDHA)	0.20	U	0.20	0.10	ug/Kg		10/08/25 14:09	10/09/25 13:06	1
9-Chlorohexadecafluoro-3-oxanonane-1-sulfonic acid (9Cl-PF3ONS)	0.20	U	0.20	0.10	ug/Kg		10/08/25 14:09	10/09/25 13:06	1
11-Chloroeicosafluoro-3-oxaundecane-1-sulfonic acid (11Cl-PF3OUdS)	0.20	U	0.20	0.10	ug/Kg		10/08/25 14:09	10/09/25 13:06	1
Perfluoro (2-ethoxyethane) sulfonic acid (PFEESA)	0.20	U	0.20	0.10	ug/Kg		10/08/25 14:09	10/09/25 13:06	1
3-Perfluoropropylpropanoic acid (3:3 FTCA)	0.40	U	0.40	0.20	ug/Kg		10/08/25 14:09	10/09/25 13:06	1
3-Perfluoropentylpropanoic acid (5:3 FTCA)	1.00	U	1.00	0.50	ug/Kg		10/08/25 14:09	10/09/25 13:06	1
3-Perfluoroheptylpropanoic acid (7:3 FTCA)	1.00	U	1.00	0.50	ug/Kg		10/08/25 14:09	10/09/25 13:06	1

Isotope Dilution	*MB %Recovery*	*MB Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
13C4 PFBA	*89.0*		*8 - 130*	*10/08/25 14:09*	*10/09/25 13:06*	*1*
13C5 PFPeA	*79.9*		*35 - 130*	*10/08/25 14:09*	*10/09/25 13:06*	*1*
13C5 PFHxA	*81.9*		*40 - 130*	*10/08/25 14:09*	*10/09/25 13:06*	*1*

Method: 1633A - Per- and Polyfluoroalkyl Substances by LC/MS/MS, 1633A (Continued)

Lab Sample ID: MB 410-710918/1-A
Matrix: Solid
Analysis Batch: 710788

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 710918

Isotope Dilution	MB %Recovery	MB Qualifier	Limits	Prepared	Analyzed	Dil Fac
13C4 PFHpA	84.8		40 - 130	10/08/25 14:09	10/09/25 13:06	1
13C8 PFOA	78.7		40 - 130	10/08/25 14:09	10/09/25 13:06	1
13C9 PFNA	79.3		40 - 130	10/08/25 14:09	10/09/25 13:06	1
13C6 PFDA	74.9		40 - 130	10/08/25 14:09	10/09/25 13:06	1
13C7 PFUnA	83.0		40 - 130	10/08/25 14:09	10/09/25 13:06	1
13C2 PFTeDA	69.1		20 - 130	10/08/25 14:09	10/09/25 13:06	1
13C3 PFBS	84.8		40 - 135	10/08/25 14:09	10/09/25 13:06	1
13C3 PFHxS	76.8		40 - 130	10/08/25 14:09	10/09/25 13:06	1
13C8 PFOS	71.7		40 - 130	10/08/25 14:09	10/09/25 13:06	1
13C8 FOSA	64.2		40 - 130	10/08/25 14:09	10/09/25 13:06	1
d3-NMeFOSAA	61.0		40 - 135	10/08/25 14:09	10/09/25 13:06	1
d5-NEtFOSAA	98.9		40 - 150	10/08/25 14:09	10/09/25 13:06	1
13C2 4:2 FTS	76.4		40 - 165	10/08/25 14:09	10/09/25 13:06	1
13C2 6:2 FTS	68.7		40 - 215	10/08/25 14:09	10/09/25 13:06	1
13C2 8:2 FTS	60.8		40 - 275	10/08/25 14:09	10/09/25 13:06	1
13C3 HFPO-DA	86.6		40 - 130	10/08/25 14:09	10/09/25 13:06	1
d7-N-MeFOSE-M	47.2		20 - 130	10/08/25 14:09	10/09/25 13:06	1
d9-N-EtFOSE-M	38.4		15 - 130	10/08/25 14:09	10/09/25 13:06	1
d5-NEtPFOSA	51.0		10 - 130	10/08/25 14:09	10/09/25 13:06	1
d3-NMePFOSA	56.9		10 - 130	10/08/25 14:09	10/09/25 13:06	1
13C2 PFDoA	78.3		40 - 130	10/08/25 14:09	10/09/25 13:06	1

Lab Sample ID: LCS 410-710918/2-A
Matrix: Solid
Analysis Batch: 710788

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 710918

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
Perfluorobutanoic acid (PFBA)	5.00	4.937		ug/Kg		99	70 - 140
Perfluoropentanoic acid (PFPeA)	2.50	2.553		ug/Kg		102	60 - 150
Perfluorohexanoic acid (PFHxA)	2.50	2.451		ug/Kg		98	65 - 140
Perfluoroheptanoic acid (PFHpA)	2.50	2.334		ug/Kg		93	65 - 145
Perfluorooctanoic acid (PFOA)	2.50	2.551		ug/Kg		102	70 - 150
Perfluorononanoic acid (PFNA)	2.50	2.389		ug/Kg		96	70 - 155
Perfluorodecanoic acid (PFDA)	2.50	2.836		ug/Kg		113	70 - 155
Perfluoroundecanoic acid (PFUnA)	2.50	2.668		ug/Kg		107	70 - 155
Perfluorododecanoic acid (PFDoA)	2.50	2.528		ug/Kg		101	70 - 150
Perfluorotridecanoic acid (PFTrDA)	2.50	2.678		ug/Kg		107	65 - 150
Perfluorotetradecanoic acid (PFTeDA)	2.50	2.531		ug/Kg		101	65 - 150
Perfluorobutanesulfonic acid (PFBS)	2.22	2.337		ug/Kg		105	65 - 145
Perfluoropentanesulfonic acid (PFPeS)	2.35	2.556		ug/Kg		109	55 - 160
Perfluorohexanesulfonic acid (PFHxS)	2.28	2.205		ug/Kg		97	60 - 150
Perfluoroheptanesulfonic acid (PFHpS)	2.39	2.254		ug/Kg		94	65 - 155

Method: 1633A - Per- and Polyfluoroalkyl Substances by LC/MS/MS, 1633A (Continued)

Lab Sample ID: LCS 410-710918/2-A
Matrix: Solid
Analysis Batch: 710788

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 710918

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
Perfluorooctanesulfonic acid (PFOS)	2.33	2.164		ug/Kg		93	65 - 160
Perfluorononanesulfonic acid (PFNS)	2.41	2.280		ug/Kg		95	55 - 140
Perfluorodecanesulfonic acid (PFDS)	2.41	2.207		ug/Kg		92	40 - 155
Perfluorododecanesulfonic acid (PFDoS)	2.43	2.079		ug/Kg		86	25 - 160
1H,1H,2H,2H-Perfluorohexane sulfonic acid (4:2 FTS)	4.69	4.762		ug/Kg		102	60 - 150
1H,1H,2H,2H-Perfluorooctane sulfonic acid (6:2 FTS)	4.76	4.551		ug/Kg		96	55 - 200
1H,1H,2H,2H-Perfluorodecane sulfonic acid (8:2 FTS)	4.80	4.854		ug/Kg		101	70 - 150
Perfluorooctanesulfonamide (PFOSA)	2.50	2.456		ug/Kg		98	70 - 140
N-methylperfluorooctane sulfonamide (NMeFOSA)	2.50	2.461		ug/Kg		98	70 - 155
N-ethylperfluorooctane sulfonamide (NEtFOSA)	2.50	2.454		ug/Kg		98	70 - 140
N-methylperfluorooctanesulfonamidoacetic acid (NMeFOSAA)	2.50	2.426		ug/Kg		97	65 - 155
N-ethylperfluorooctanesulfonamidoacetic acid (NEtFOSAA)	2.50	2.534		ug/Kg		101	65 - 165
N-methylperfluorooctane sulfonamidoethanol (NMeFOSE)	12.5	12.67		ug/Kg		101	70 - 140
N-ethylperfluorooctane sulfonamidoethanol (NEtFOSE)	12.5	12.71		ug/Kg		102	70 - 135
Hexafluoropropylene Oxide Dimer Acid (HFPO-DA)	1.88	1.834		ug/Kg		98	70 - 145
4,8-Dioxa-3H-perfluorononanoic acid (ADONA)	2.37	2.228		ug/Kg		94	70 - 160
Perfluoro-3-methoxypropanoic acid (PFMPA)	2.50	2.471		ug/Kg		99	30 - 140
Perfluoro-4-methoxybutanoic acid (PFMBA)	2.50	2.452		ug/Kg		98	60 - 150
Nonafluoro-3,6-dioxaheptanoic acid (NFDHA)	2.50	2.597		ug/Kg		104	60 - 155
9-Chlorohexadecafluoro-3-oxanonane-1-sulfonic acid (9Cl-PF3ONS)	2.34	2.314		ug/Kg		99	70 - 150
11-Chloroeicosafluoro-3-oxaundecane-1-sulfonic acid (11Cl-PF3OUdS)	2.36	2.156		ug/Kg		91	45 - 160
Perfluoro (2-ethoxyethane) sulfonic acid (PFEESA)	2.23	2.196		ug/Kg		98	70 - 140
3-Perfluoropropylpropanoic acid (3:3 FTCA)	5.00	3.847		ug/Kg		77	45 - 130
3-Perfluoropentylpropanoic acid (5:3 FTCA)	12.5	10.27		ug/Kg		82	60 - 130
3-Perfluoroheptylpropanoic acid (7:3 FTCA)	12.5	10.13		ug/Kg		81	60 - 150

Isotope Dilution	*LCS %Recovery*	*LCS Qualifier*	*Limits*
13C4 PFBA	*119*		*8 - 130*

Method: 1633A - Per- and Polyfluoroalkyl Substances by LC/MS/MS, 1633A (Continued)

Lab Sample ID: LCS 410-710918/2-A
Matrix: Solid
Analysis Batch: 710788

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 710918

Isotope Dilution	*LCS %Recovery*	*LCS Qualifier*	*Limits*
13C5 PFPeA	*104*		*35 - 130*
13C5 PFHxA	*105*		*40 - 130*
13C4 PFHpA	*115*		*40 - 130*
13C8 PFOA	*108*		*40 - 130*
13C9 PFNA	*111*		*40 - 130*
13C6 PFDA	*102*		*40 - 130*
13C7 PFUnA	*107*		*40 - 130*
13C2 PFTeDA	*102*		*20 - 130*
13C3 PFBS	*116*		*40 - 135*
13C3 PFHxS	*108*		*40 - 130*
13C8 PFOS	*99.6*		*40 - 130*
13C8 FOSA	*89.3*		*40 - 130*
d3-NMeFOSAA	*84.5*		*40 - 135*
d5-NEtFOSAA	*115*		*40 - 150*
13C2 4:2 FTS	*106*		*40 - 165*
13C2 6:2 FTS	*98.5*		*40 - 215*
13C2 8:2 FTS	*83.7*		*40 - 275*
13C3 HFPO-DA	*112*		*40 - 130*
d7-N-MeFOSE-M	*79.4*		*20 - 130*
d9-N-EtFOSE-M	*65.2*		*15 - 130*
d5-NEtPFOSA	*70.8*		*10 - 130*
d3-NMePFOSA	*80.4*		*10 - 130*
13C2 PFDoA	*112*		*40 - 130*

Lab Sample ID: LCSD 410-710918/3-A
Matrix: Solid
Analysis Batch: 710788

Client Sample ID: Lab Control Sample Dup
Prep Type: Total/NA
Prep Batch: 710918

Analyte			Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Perfluorobutanoic acid (PFBA)			5.00	4.703		ug/Kg		94	70 - 140	5	30
Perfluoropentanoic acid (PFPeA)			2.50	2.520		ug/Kg		101	60 - 150	1	30
Perfluorohexanoic acid (PFHxA)			2.50	2.427		ug/Kg		97	65 - 140	1	30
Perfluoroheptanoic acid (PFHpA)			2.50	2.457		ug/Kg		98	65 - 145	5	30
Perfluorooctanoic acid (PFOA)			2.50	2.595		ug/Kg		104	70 - 150	2	30
Perfluorononanoic acid (PFNA)			2.50	2.371		ug/Kg		95	70 - 155	1	30
Perfluorodecanoic acid (PFDA)			2.50	2.582		ug/Kg		103	70 - 155	9	30
Perfluoroundecanoic acid (PFUnA)			2.50	2.791		ug/Kg		112	70 - 155	5	30
Perfluorododecanoic acid (PFDoA)			2.50	2.302		ug/Kg		92	70 - 150	9	30
Perfluorotridecanoic acid (PFTrDA)			2.50	2.541		ug/Kg		102	65 - 150	5	30
Perfluorotetradecanoic acid (PFTeDA)			2.50	2.564		ug/Kg		103	65 - 150	1	30
Perfluorobutanesulfonic acid (PFBS)			2.22	2.285		ug/Kg		103	65 - 145	2	30
Perfluoropentanesulfonic acid (PFPeS)			2.35	2.509		ug/Kg		107	55 - 160	2	30
Perfluorohexanesulfonic acid (PFHxS)			2.28	2.221		ug/Kg		97	60 - 150	1	30

Method: 1633A - Per- and Polyfluoroalkyl Substances by LC/MS/MS, 1633A (Continued)

Lab Sample ID: LCSD 410-710918/3-A
Matrix: Solid
Analysis Batch: 710788

Client Sample ID: Lab Control Sample Dup
Prep Type: Total/NA
Prep Batch: 710918

Analyte			Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Perfluoroheptanesulfonic acid (PFHpS)			2.39	2.293		ug/Kg		96	65 - 155	2	30
Perfluorooctanesulfonic acid (PFOS)			2.33	2.167		ug/Kg		93	65 - 160	0	30
Perfluorononanesulfonic acid (PFNS)			2.41	2.257		ug/Kg		94	55 - 140	1	30
Perfluorodecanesulfonic acid (PFDS)			2.41	2.247		ug/Kg		93	40 - 155	2	30
Perfluorododecanesulfonic acid (PFDoS)			2.43	2.070		ug/Kg		85	25 - 160	0	30
1H,1H,2H,2H-Perfluorohexane sulfonic acid (4:2 FTS)			4.69	4.605		ug/Kg		98	60 - 150	3	30
1H,1H,2H,2H-Perfluorooctane sulfonic acid (6:2 FTS)			4.76	4.646		ug/Kg		98	55 - 200	2	30
1H,1H,2H,2H-Perfluorodecane sulfonic acid (8:2 FTS)			4.80	4.907		ug/Kg		102	70 - 150	1	30
Perfluorooctanesulfonamide (PFOSA)			2.50	2.454		ug/Kg		98	70 - 140	0	30
N-methylperfluorooctane sulfonamide (NMeFOSA)			2.50	2.452		ug/Kg		98	70 - 155	0	30
N-ethylperfluorooctane sulfonamide (NEtFOSA)			2.50	2.472		ug/Kg		99	70 - 140	1	30
N-methylperfluorooctanesulfonamidoacetic acid (NMeFOSAA)			2.50	2.580		ug/Kg		103	65 - 155	6	30
N-ethylperfluorooctanesulfonamidoacetic acid (NEtFOSAA)			2.50	2.577		ug/Kg		103	65 - 165	2	30
N-methylperfluorooctane sulfonamidoethanol (NMeFOSE)			12.5	11.74		ug/Kg		94	70 - 140	8	30
N-ethylperfluorooctane sulfonamidoethanol (NEtFOSE)			12.5	12.68		ug/Kg		101	70 - 135	0	30
Hexafluoropropylene Oxide Dimer Acid (HFPO-DA)			1.88	1.781		ug/Kg		95	70 - 145	3	30
4,8-Dioxa-3H-perfluorononanoic acid (ADONA)			2.37	2.225		ug/Kg		94	70 - 160	0	30
Perfluoro-3-methoxypropanoic acid (PFMPA)			2.50	2.449		ug/Kg		98	30 - 140	1	30
Perfluoro-4-methoxybutanoic acid (PFMBA)			2.50	2.471		ug/Kg		99	60 - 150	1	30
Nonafluoro-3,6-dioxaheptanoic acid (NFDHA)			2.50	2.205		ug/Kg		88	60 - 155	16	30
9-Chlorohexadecafluoro-3-oxanonane-1-sulfonic acid (9Cl-PF3ONS)			2.34	2.338		ug/Kg		100	70 - 150	1	30
11-Chloroeicosafluoro-3-oxaundecane-1-sulfonic acid (11Cl-PF3OUdS)			2.36	2.122		ug/Kg		90	45 - 160	2	30
Perfluoro (2-ethoxyethane) sulfonic acid (PFEESA)			2.23	2.380		ug/Kg		107	70 - 140	8	30
3-Perfluoropropylpropanoic acid (3:3 FTCA)			5.00	3.774		ug/Kg		75	45 - 130	2	30
3-Perfluoropentylpropanoic acid (5:3 FTCA)			12.5	10.38		ug/Kg		83	60 - 130	1	30
3-Perfluoroheptylpropanoic acid (7:3 FTCA)			12.5	10.37		ug/Kg		83	60 - 150	2	30

Method: 1633A - Per- and Polyfluoroalkyl Substances by LC/MS/MS, 1633A (Continued)

Isotope Dilution	LCSD %Recovery	LCSD Qualifier	Limits
13C4 PFBA	106		8 - 130
13C5 PFPeA	95.7		35 - 130
13C5 PFHxA	95.7		40 - 130
13C4 PFHpA	103		40 - 130
13C8 PFOA	98.9		40 - 130
13C9 PFNA	101		40 - 130
13C6 PFDA	97.8		40 - 130
13C7 PFUnA	97.0		40 - 130
13C2 PFTeDA	87.9		20 - 130
13C3 PFBS	101		40 - 135
13C3 PFHxS	95.4		40 - 130
13C8 PFOS	87.9		40 - 130
13C8 FOSA	77.9		40 - 130
d3-NMeFOSAA	71.2		40 - 135
d5-NEtFOSAA	95.9		40 - 150
13C2 4:2 FTS	96.1		40 - 165
13C2 6:2 FTS	87.3		40 - 215
13C2 8:2 FTS	75.1		40 - 275
13C3 HFPO-DA	103		40 - 130
d7-N-MeFOSE-M	74.0		20 - 130
d9-N-EtFOSE-M	60.8		15 - 130
d5-NEtPFOSA	62.5		10 - 130
d3-NMePFOSA	70.6		10 - 130
13C2 PFDoA	101		40 - 130

Lab Sample ID: LLCS 410-710918/4-A
Matrix: Solid
Analysis Batch: 710788

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 710918

Analyte	Spike Added	LLCS Result	LLCS Qualifier	Unit	D	%Rec	%Rec Limits
Perfluorobutanoic acid (PFBA)	0.500	0.400		ug/Kg		80	70 - 140
Perfluoropentanoic acid (PFPeA)	0.250	0.249		ug/Kg		100	60 - 150
Perfluorohexanoic acid (PFHxA)	0.250	0.231		ug/Kg		92	65 - 140
Perfluoroheptanoic acid (PFHpA)	0.250	0.268		ug/Kg		107	65 - 145
Perfluorooctanoic acid (PFOA)	0.250	0.253		ug/Kg		101	70 - 150
Perfluorononanoic acid (PFNA)	0.250	0.206		ug/Kg		82	70 - 155
Perfluorodecanoic acid (PFDA)	0.250	0.235		ug/Kg		94	70 - 155
Perfluoroundecanoic acid (PFUnA)	0.250	0.239		ug/Kg		96	70 - 155
Perfluorododecanoic acid (PFDoA)	0.250	0.221		ug/Kg		88	70 - 150
Perfluorotridecanoic acid (PFTrDA)	0.250	0.219		ug/Kg		87	65 - 150
Perfluorotetradecanoic acid (PFTeDA)	0.250	0.210		ug/Kg		84	65 - 150
Perfluorobutanesulfonic acid (PFBS)	0.222	0.202		ug/Kg		91	65 - 145
Perfluoropentanesulfonic acid (PFPeS)	0.235	0.213		ug/Kg		90	55 - 160
Perfluorohexanesulfonic acid (PFHxS)	0.228	0.196	J	ug/Kg		86	60 - 150
Perfluoroheptanesulfonic acid (PFHpS)	0.239	0.207		ug/Kg		87	65 - 155

Method: 1633A - Per- and Polyfluoroalkyl Substances by LC/MS/MS, 1633A (Continued)

Lab Sample ID: LLCS 410-710918/4-A
Matrix: Solid
Analysis Batch: 710788

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 710918

Analyte	Spike Added	LLCS Result	LLCS Qualifier	Unit	D	%Rec	%Rec Limits
Perfluorooctanesulfonic acid (PFOS)	0.233	0.206		ug/Kg		89	65 - 160
Perfluorononanesulfonic acid (PFNS)	0.241	0.188	J	ug/Kg		78	55 - 140
Perfluorodecanesulfonic acid (PFDS)	0.241	0.191	J	ug/Kg		79	40 - 155
Perfluorododecanesulfonic acid (PFDoS)	0.243	0.175	J	ug/Kg		72	25 - 160
1H,1H,2H,2H-Perfluorohexane sulfonic acid (4:2 FTS)	0.469	0.418		ug/Kg		89	60 - 150
1H,1H,2H,2H-Perfluorooctane sulfonic acid (6:2 FTS)	0.476	0.422		ug/Kg		89	55 - 200
1H,1H,2H,2H-Perfluorodecane sulfonic acid (8:2 FTS)	0.480	0.400		ug/Kg		83	70 - 150
Perfluorooctanesulfonamide (PFOSA)	0.250	0.239		ug/Kg		96	70 - 140
N-methylperfluorooctane sulfonamide (NMeFOSA)	0.250	0.227		ug/Kg		91	70 - 155
N-ethylperfluorooctane sulfonamide (NEtFOSA)	0.250	0.238		ug/Kg		95	70 - 140
N-methylperfluorooctanesulfonamidoacetic acid (NMeFOSAA)	0.250	0.169	J	ug/Kg		68	65 - 155
N-ethylperfluorooctanesulfonamidoacetic acid (NEtFOSAA)	0.250	0.249		ug/Kg		100	65 - 165
N-methylperfluorooctane sulfonamidoethanol (NMeFOSE)	1.25	1.282		ug/Kg		103	70 - 140
N-ethylperfluorooctane sulfonamidoethanol (NEtFOSE)	1.25	1.256		ug/Kg		100	70 - 135
Hexafluoropropylene Oxide Dimer Acid (HFPO-DA)	0.188	0.179	J	ug/Kg		95	70 - 145
4,8-Dioxa-3H-perfluorononanoic acid (ADONA)	0.237	0.217		ug/Kg		92	70 - 160
Perfluoro-3-methoxypropanoic acid (PFMPA)	0.250	0.222		ug/Kg		89	30 - 140
Perfluoro-4-methoxybutanoic acid (PFMBA)	0.250	0.217		ug/Kg		87	60 - 150
Nonafluoro-3,6-dioxaheptanoic acid (NFDHA)	0.250	0.227		ug/Kg		91	60 - 155
9-Chlorohexadecafluoro-3-oxanonane-1-sulfonic acid (9Cl-PF3ONS)	0.234	0.210		ug/Kg		90	70 - 150
11-Chloroeicosafluoro-3-oxaundecane-1-sulfonic acid (11Cl-PF3OUdS)	0.236	0.199	J	ug/Kg		85	45 - 160
Perfluoro (2-ethoxyethane) sulfonic acid (PFEESA)	0.223	0.193	J	ug/Kg		86	70 - 140
3-Perfluoropropylpropanoic acid (3:3 FTCA)	0.500	0.381	J	ug/Kg		76	45 - 130
3-Perfluoropentylpropanoic acid (5:3 FTCA)	1.25	1.146		ug/Kg		92	60 - 130
3-Perfluoroheptylpropanoic acid (7:3 FTCA)	1.25	1.164		ug/Kg		93	60 - 150

Isotope Dilution	*LLCS %Recovery*	*LLCS Qualifier*	*Limits*
13C4 PFBA	*119*		*8 - 130*

Method: 1633A - Per- and Polyfluoroalkyl Substances by LC/MS/MS, 1633A (Continued)

Lab Sample ID: LLCS 410-710918/4-A
Matrix: Solid
Analysis Batch: 710788

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 710918

Isotope Dilution	*LLCS %Recovery*	*LLCS Qualifier*	*Limits*
13C5 PFPeA	*105*		*35 - 130*
13C5 PFHxA	*107*		*40 - 130*
13C4 PFHpA	*113*		*40 - 130*
13C8 PFOA	*107*		*40 - 130*
13C9 PFNA	*106*		*40 - 130*
13C6 PFDA	*107*		*40 - 130*
13C7 PFUnA	*104*		*40 - 130*
13C2 PFTeDA	*95.1*		*20 - 130*
13C3 PFBS	*115*		*40 - 135*
13C3 PFHxS	*106*		*40 - 130*
13C8 PFOS	*99.2*		*40 - 130*
13C8 FOSA	*86.1*		*40 - 130*
d3-NMeFOSAA	*80.4*		*40 - 135*
d5-NEtFOSAA	*100*		*40 - 150*
13C2 4:2 FTS	*108*		*40 - 165*
13C2 6:2 FTS	*99.3*		*40 - 215*
13C2 8:2 FTS	*85.2*		*40 - 275*
13C3 HFPO-DA	*115*		*40 - 130*
d7-N-MeFOSE-M	*73.3*		*20 - 130*
d9-N-EtFOSE-M	*65.6*		*15 - 130*
d5-NEtPFOSA	*64.4*		*10 - 130*
d3-NMePFOSA	*73.1*		*10 - 130*
13C2 PFDoA	*107*		*40 - 130*

Lab Sample ID: MB 410-710924/1-A
Matrix: Solid
Analysis Batch: 710788

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 710924

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Perfluorobutanoic acid (PFBA)	0.40	U	0.40	0.10	ug/Kg		10/08/25 14:13	10/09/25 04:29	1
Perfluoropentanoic acid (PFPeA)	0.20	U	0.20	0.10	ug/Kg		10/08/25 14:13	10/09/25 04:29	1
Perfluorohexanoic acid (PFHxA)	0.20	U	0.20	0.10	ug/Kg		10/08/25 14:13	10/09/25 04:29	1
Perfluoroheptanoic acid (PFHpA)	0.20	U	0.20	0.10	ug/Kg		10/08/25 14:13	10/09/25 04:29	1
Perfluorooctanoic acid (PFOA)	0.20	U	0.20	0.060	ug/Kg		10/08/25 14:13	10/09/25 04:29	1
Perfluorononanoic acid (PFNA)	0.20	U	0.20	0.10	ug/Kg		10/08/25 14:13	10/09/25 04:29	1
Perfluorodecanoic acid (PFDA)	0.20	U	0.20	0.060	ug/Kg		10/08/25 14:13	10/09/25 04:29	1
Perfluoroundecanoic acid (PFUnA)	0.20	U	0.20	0.10	ug/Kg		10/08/25 14:13	10/09/25 04:29	1
Perfluorododecanoic acid (PFDoA)	0.20	U	0.20	0.10	ug/Kg		10/08/25 14:13	10/09/25 04:29	1
Perfluorotridecanoic acid (PFTrDA)	0.20	U	0.20	0.10	ug/Kg		10/08/25 14:13	10/09/25 04:29	1
Perfluorotetradecanoic acid (PFTeDA)	0.20	U	0.20	0.10	ug/Kg		10/08/25 14:13	10/09/25 04:29	1
Perfluorobutanesulfonic acid (PFBS)	0.20	U	0.20	0.10	ug/Kg		10/08/25 14:13	10/09/25 04:29	1
Perfluoropentanesulfonic acid (PFPeS)	0.20	U	0.20	0.10	ug/Kg		10/08/25 14:13	10/09/25 04:29	1
Perfluorohexanesulfonic acid (PFHxS)	0.20	U	0.20	0.10	ug/Kg		10/08/25 14:13	10/09/25 04:29	1
Perfluoroheptanesulfonic acid (PFHpS)	0.20	U	0.20	0.10	ug/Kg		10/08/25 14:13	10/09/25 04:29	1
Perfluorooctanesulfonic acid (PFOS)	0.20	U	0.20	0.10	ug/Kg		10/08/25 14:13	10/09/25 04:29	1
Perfluorononanesulfonic acid (PFNS)	0.20	U	0.20	0.10	ug/Kg		10/08/25 14:13	10/09/25 04:29	1
Perfluorodecanesulfonic acid (PFDS)	0.20	U	0.20	0.10	ug/Kg		10/08/25 14:13	10/09/25 04:29	1

Method: 1633A - Per- and Polyfluoroalkyl Substances by LC/MS/MS, 1633A (Continued)

Lab Sample ID: MB 410-710924/1-A
Matrix: Solid
Analysis Batch: 710788

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 710924

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Perfluorododecanesulfonic acid (PFDoS)	0.20	U	0.20	0.10	ug/Kg		10/08/25 14:13	10/09/25 04:29	1
1H,1H,2H,2H-Perfluorohexane sulfonic acid (4:2 FTS)	0.40	U	0.40	0.20	ug/Kg		10/08/25 14:13	10/09/25 04:29	1
1H,1H,2H,2H-Perfluorooctane sulfonic acid (6:2 FTS)	0.40	U	0.40	0.20	ug/Kg		10/08/25 14:13	10/09/25 04:29	1
1H,1H,2H,2H-Perfluorodecane sulfonic acid (8:2 FTS)	0.40	U	0.40	0.20	ug/Kg		10/08/25 14:13	10/09/25 04:29	1
Perfluorooctanesulfonamide (PFOSA)	0.20	U	0.20	0.10	ug/Kg		10/08/25 14:13	10/09/25 04:29	1
N-methylperfluorooctane sulfonamide (NMeFOSA)	0.20	U	0.20	0.10	ug/Kg		10/08/25 14:13	10/09/25 04:29	1
N-ethylperfluorooctane sulfonamide (NEtFOSA)	0.20	U	0.20	0.10	ug/Kg		10/08/25 14:13	10/09/25 04:29	1
N-methylperfluorooctanesulfonamidoacetic acid (NMeFOSAA)	0.20	U	0.20	0.10	ug/Kg		10/08/25 14:13	10/09/25 04:29	1
N-ethylperfluorooctanesulfonamidoacetic acid (NEtFOSAA)	0.20	U	0.20	0.10	ug/Kg		10/08/25 14:13	10/09/25 04:29	1
N-methylperfluorooctane sulfonamidoethanol (NMeFOSE)	1.00	U	1.00	0.50	ug/Kg		10/08/25 14:13	10/09/25 04:29	1
N-ethylperfluorooctane sulfonamidoethanol (NEtFOSE)	1.00	U	1.00	0.50	ug/Kg		10/08/25 14:13	10/09/25 04:29	1
Hexafluoropropylene Oxide Dimer Acid (HFPO-DA)	0.20	U	0.20	0.10	ug/Kg		10/08/25 14:13	10/09/25 04:29	1
4,8-Dioxa-3H-perfluorononanoic acid (ADONA)	0.20	U	0.20	0.10	ug/Kg		10/08/25 14:13	10/09/25 04:29	1
Perfluoro-3-methoxypropanoic acid (PFMPA)	0.20	U	0.20	0.10	ug/Kg		10/08/25 14:13	10/09/25 04:29	1
Perfluoro-4-methoxybutanoic acid (PFMBA)	0.20	U	0.20	0.10	ug/Kg		10/08/25 14:13	10/09/25 04:29	1
Nonafluoro-3,6-dioxaheptanoic acid (NFDHA)	0.20	U	0.20	0.10	ug/Kg		10/08/25 14:13	10/09/25 04:29	1
9-Chlorohexadecafluoro-3-oxanonane-1-sulfonic acid (9Cl-PF3ONS)	0.20	U	0.20	0.10	ug/Kg		10/08/25 14:13	10/09/25 04:29	1
11-Chloroeicosafluoro-3-oxaundecane-1-sulfonic acid (11Cl-PF3OUdS)	0.20	U	0.20	0.10	ug/Kg		10/08/25 14:13	10/09/25 04:29	1
Perfluoro (2-ethoxyethane) sulfonic acid (PFEESA)	0.20	U	0.20	0.10	ug/Kg		10/08/25 14:13	10/09/25 04:29	1
3-Perfluoropropylpropanoic acid (3:3 FTCA)	0.40	U	0.40	0.20	ug/Kg		10/08/25 14:13	10/09/25 04:29	1
3-Perfluoropentylpropanoic acid (5:3 FTCA)	1.00	U	1.00	0.50	ug/Kg		10/08/25 14:13	10/09/25 04:29	1
3-Perfluoroheptylpropanoic acid (7:3 FTCA)	1.00	U	1.00	0.50	ug/Kg		10/08/25 14:13	10/09/25 04:29	1

Isotope Dilution	*MB %Recovery*	*MB Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
13C4 PFBA	*93.9*		*8 - 130*	*10/08/25 14:13*	*10/09/25 04:29*	*1*
13C5 PFPeA	*86.4*		*35 - 130*	*10/08/25 14:13*	*10/09/25 04:29*	*1*
13C5 PFHxA	*85.4*		*40 - 130*	*10/08/25 14:13*	*10/09/25 04:29*	*1*
13C4 PFHpA	*91.1*		*40 - 130*	*10/08/25 14:13*	*10/09/25 04:29*	*1*
13C8 PFOA	*86.8*		*40 - 130*	*10/08/25 14:13*	*10/09/25 04:29*	*1*
13C9 PFNA	*90.0*		*40 - 130*	*10/08/25 14:13*	*10/09/25 04:29*	*1*
13C6 PFDA	*89.2*		*40 - 130*	*10/08/25 14:13*	*10/09/25 04:29*	*1*
13C7 PFUnA	*95.2*		*40 - 130*	*10/08/25 14:13*	*10/09/25 04:29*	*1*
13C2 PFTeDA	*80.8*		*20 - 130*	*10/08/25 14:13*	*10/09/25 04:29*	*1*

Method: 1633A - Per- and Polyfluoroalkyl Substances by LC/MS/MS, 1633A (Continued)

Lab Sample ID: MB 410-710924/1-A
Matrix: Solid
Analysis Batch: 710788

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 710924

Isotope Dilution	MB %Recovery	MB Qualifier	Limits	Prepared	Analyzed	Dil Fac
13C3 PFBS	92.4		40 - 135	10/08/25 14:13	10/09/25 04:29	1
13C3 PFHxS	87.4		40 - 130	10/08/25 14:13	10/09/25 04:29	1
13C8 PFOS	82.4		40 - 130	10/08/25 14:13	10/09/25 04:29	1
13C8 FOSA	75.1		40 - 130	10/08/25 14:13	10/09/25 04:29	1
d3-NMeFOSAA	60.6		40 - 135	10/08/25 14:13	10/09/25 04:29	1
d5-NEtFOSAA	96.9		40 - 150	10/08/25 14:13	10/09/25 04:29	1
13C2 4:2 FTS	77.3		40 - 165	10/08/25 14:13	10/09/25 04:29	1
13C2 6:2 FTS	77.3		40 - 215	10/08/25 14:13	10/09/25 04:29	1
13C2 8:2 FTS	68.3		40 - 275	10/08/25 14:13	10/09/25 04:29	1
13C3 HFPO-DA	85.9		40 - 130	10/08/25 14:13	10/09/25 04:29	1
d7-N-MeFOSE-M	64.9		20 - 130	10/08/25 14:13	10/09/25 04:29	1
d9-N-EtFOSE-M	55.8		15 - 130	10/08/25 14:13	10/09/25 04:29	1
d5-NEtPFOSA	55.9		10 - 130	10/08/25 14:13	10/09/25 04:29	1
d3-NMePFOSA	60.2		10 - 130	10/08/25 14:13	10/09/25 04:29	1
13C2 PFDoA	90.0		40 - 130	10/08/25 14:13	10/09/25 04:29	1

Lab Sample ID: LCS 410-710924/2-A
Matrix: Solid
Analysis Batch: 710788

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 710924

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
Perfluorobutanoic acid (PFBA)	5.00	5.506		ug/Kg		110	70 - 140
Perfluoropentanoic acid (PFPeA)	2.50	2.825		ug/Kg		113	60 - 150
Perfluorohexanoic acid (PFHxA)	2.50	2.724		ug/Kg		109	65 - 140
Perfluoroheptanoic acid (PFHpA)	2.50	2.969		ug/Kg		119	65 - 145
Perfluorooctanoic acid (PFOA)	2.50	2.804		ug/Kg		112	70 - 150
Perfluorononanoic acid (PFNA)	2.50	2.485		ug/Kg		99	70 - 155
Perfluorodecanoic acid (PFDA)	2.50	2.976		ug/Kg		119	70 - 155
Perfluoroundecanoic acid (PFUnA)	2.50	2.733		ug/Kg		109	70 - 155
Perfluorododecanoic acid (PFDoA)	2.50	2.784		ug/Kg		111	70 - 150
Perfluorotridecanoic acid (PFTrDA)	2.50	2.940		ug/Kg		118	65 - 150
Perfluorotetradecanoic acid (PFTeDA)	2.50	2.698		ug/Kg		108	65 - 150
Perfluorobutanesulfonic acid (PFBS)	2.22	2.647		ug/Kg		119	65 - 145
Perfluoropentanesulfonic acid (PFPeS)	2.35	2.805		ug/Kg		119	55 - 160
Perfluorohexanesulfonic acid (PFHxS)	2.28	2.451		ug/Kg		108	60 - 150
Perfluoroheptanesulfonic acid (PFHpS)	2.39	2.622		ug/Kg		110	65 - 155
Perfluorooctanesulfonic acid (PFOS)	2.33	2.423		ug/Kg		104	65 - 160
Perfluorononanesulfonic acid (PFNS)	2.41	2.525		ug/Kg		105	55 - 140
Perfluorodecanesulfonic acid (PFDS)	2.41	2.341		ug/Kg		97	40 - 155
Perfluorododecanesulfonic acid (PFDoS)	2.43	2.120		ug/Kg		87	25 - 160

Method: 1633A - Per- and Polyfluoroalkyl Substances by LC/MS/MS, 1633A (Continued)

Lab Sample ID: LCS 410-710924/2-A
Matrix: Solid
Analysis Batch: 710788

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 710924

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
1H,1H,2H,2H-Perfluorohexane sulfonic acid (4:2 FTS)	4.69	5.151		ug/Kg		110	60 - 150
1H,1H,2H,2H-Perfluorooctane sulfonic acid (6:2 FTS)	4.76	5.144		ug/Kg		108	55 - 200
1H,1H,2H,2H-Perfluorodecane sulfonic acid (8:2 FTS)	4.80	5.377		ug/Kg		112	70 - 150
Perfluorooctanesulfonamide (PFOSA)	2.50	2.767		ug/Kg		111	70 - 140
N-methylperfluorooctane sulfonamide (NMeFOSA)	2.50	2.814		ug/Kg		113	70 - 155
N-ethylperfluorooctane sulfonamide (NEtFOSA)	2.50	2.712		ug/Kg		108	70 - 140
N-methylperfluorooctanesulfonamidoacetic acid (NMeFOSAA)	2.50	3.229		ug/Kg		129	65 - 155
N-ethylperfluorooctanesulfonamidoacetic acid (NEtFOSAA)	2.50	2.842		ug/Kg		114	65 - 165
N-methylperfluorooctane sulfonamidoethanol (NMeFOSE)	12.5	14.06		ug/Kg		112	70 - 140
N-ethylperfluorooctane sulfonamidoethanol (NEtFOSE)	12.5	13.80		ug/Kg		110	70 - 135
Hexafluoropropylene Oxide Dimer Acid (HFPO-DA)	1.88	1.981		ug/Kg		106	70 - 145
4,8-Dioxa-3H-perfluorononanoic acid (ADONA)	2.37	2.531		ug/Kg		107	70 - 160
Perfluoro-3-methoxypropanoic acid (PFMPA)	2.50	2.791		ug/Kg		112	30 - 140
Perfluoro-4-methoxybutanoic acid (PFMBA)	2.50	2.688		ug/Kg		108	60 - 150
Nonafluoro-3,6-dioxaheptanoic acid (NFDHA)	2.50	2.991		ug/Kg		120	60 - 155
9-Chlorohexadecafluoro-3-oxanonane-1-sulfonic acid (9Cl-PF3ONS)	2.34	2.533		ug/Kg		108	70 - 150
11-Chloroeicosafluoro-3-oxaundecane-1-sulfonic acid (11Cl-PF3OUdS)	2.36	2.264		ug/Kg		96	45 - 160
Perfluoro (2-ethoxyethane) sulfonic acid (PFEESA)	2.23	2.517		ug/Kg		113	70 - 140
3-Perfluoropropylpropanoic acid (3:3 FTCA)	5.00	4.406		ug/Kg		88	45 - 130
3-Perfluoropentylpropanoic acid (5:3 FTCA)	12.5	11.83		ug/Kg		95	60 - 130
3-Perfluoroheptylpropanoic acid (7:3 FTCA)	12.5	11.92		ug/Kg		95	60 - 150

Isotope Dilution	*LCS %Recovery*	*LCS Qualifier*	*Limits*
13C4 PFBA	*110*		*8 - 130*
13C5 PFPeA	*102*		*35 - 130*
13C5 PFHxA	*99.7*		*40 - 130*
13C4 PFHpA	*108*		*40 - 130*
13C8 PFOA	*101*		*40 - 130*
13C9 PFNA	*99.8*		*40 - 130*
13C6 PFDA	*96.7*		*40 - 130*
13C7 PFUnA	*102*		*40 - 130*

Method: 1633A - Per- and Polyfluoroalkyl Substances by LC/MS/MS, 1633A (Continued)

Lab Sample ID: LCS 410-710924/2-A
Matrix: Solid
Analysis Batch: 710788

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 710924

Isotope Dilution	*LCS %Recovery*	*LCS Qualifier*	*Limits*
13C2 PFTeDA	*90.8*		*20 - 130*
13C3 PFBS	*107*		*40 - 135*
13C3 PFHxS	*101*		*40 - 130*
13C8 PFOS	*96.2*		*40 - 130*
13C8 FOSA	*85.8*		*40 - 130*
d3-NMeFOSAA	*68.1*		*40 - 135*
d5-NEtFOSAA	*106*		*40 - 150*
13C2 4:2 FTS	*97.9*		*40 - 165*
13C2 6:2 FTS	*87.6*		*40 - 215*
13C2 8:2 FTS	*75.4*		*40 - 275*
13C3 HFPO-DA	*106*		*40 - 130*
d7-N-MeFOSE-M	*65.2*		*20 - 130*
d9-N-EtFOSE-M	*53.3*		*15 - 130*
d5-NEtPFOSA	*60.1*		*10 - 130*
d3-NMePFOSA	*69.9*		*10 - 130*
13C2 PFDoA	*98.6*		*40 - 130*

Lab Sample ID: LCSD 410-710924/3-A
Matrix: Solid
Analysis Batch: 710788

Client Sample ID: Lab Control Sample Dup
Prep Type: Total/NA
Prep Batch: 710924

Analyte			Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Perfluorobutanoic acid (PFBA)			5.00	5.567		ug/Kg		111	70 - 140	1	30
Perfluoropentanoic acid (PFPeA)			2.50	2.944		ug/Kg		118	60 - 150	4	30
Perfluorohexanoic acid (PFHxA)			2.50	2.770		ug/Kg		111	65 - 140	2	30
Perfluoroheptanoic acid (PFHpA)			2.50	2.950		ug/Kg		118	65 - 145	1	30
Perfluorooctanoic acid (PFOA)			2.50	2.799		ug/Kg		112	70 - 150	0	30
Perfluorononanoic acid (PFNA)			2.50	2.698		ug/Kg		108	70 - 155	8	30
Perfluorodecanoic acid (PFDA)			2.50	2.838		ug/Kg		114	70 - 155	5	30
Perfluoroundecanoic acid (PFUnA)			2.50	3.106		ug/Kg		124	70 - 155	13	30
Perfluorododecanoic acid (PFDoA)			2.50	2.940		ug/Kg		118	70 - 150	5	30
Perfluorotridecanoic acid (PFTrDA)			2.50	3.104		ug/Kg		124	65 - 150	5	30
Perfluorotetradecanoic acid (PFTeDA)			2.50	2.945		ug/Kg		118	65 - 150	9	30
Perfluorobutanesulfonic acid (PFBS)			2.22	2.442		ug/Kg		110	65 - 145	8	30
Perfluoropentanesulfonic acid (PFPeS)			2.35	2.846		ug/Kg		121	55 - 160	1	30
Perfluorohexanesulfonic acid (PFHxS)			2.28	2.437		ug/Kg		107	60 - 150	1	30
Perfluoroheptanesulfonic acid (PFHpS)			2.39	2.567		ug/Kg		108	65 - 155	2	30
Perfluorooctanesulfonic acid (PFOS)			2.33	2.415		ug/Kg		104	65 - 160	0	30
Perfluorononanesulfonic acid (PFNS)			2.41	2.474		ug/Kg		103	55 - 140	2	30
Perfluorodecanesulfonic acid (PFDS)			2.41	2.334		ug/Kg		97	40 - 155	0	30

Method: 1633A - Per- and Polyfluoroalkyl Substances by LC/MS/MS, 1633A (Continued)

Lab Sample ID: LCSD 410-710924/3-A
Matrix: Solid
Analysis Batch: 710788

Client Sample ID: Lab Control Sample Dup
Prep Type: Total/NA
Prep Batch: 710924

Analyte			Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Perfluorododecanesulfonic acid (PFDoS)			2.43	2.015		ug/Kg		83	25 - 160	5	30
1H,1H,2H,2H-Perfluorohexane sulfonic acid (4:2 FTS)			4.69	5.360		ug/Kg		114	60 - 150	4	30
1H,1H,2H,2H-Perfluorooctane sulfonic acid (6:2 FTS)			4.76	4.969		ug/Kg		104	55 - 200	3	30
1H,1H,2H,2H-Perfluorodecane sulfonic acid (8:2 FTS)			4.80	5.377		ug/Kg		112	70 - 150	0	30
Perfluorooctanesulfonamide (PFOSA)			2.50	2.719		ug/Kg		109	70 - 140	2	30
N-methylperfluorooctane sulfonamide (NMeFOSA)			2.50	2.803		ug/Kg		112	70 - 155	0	30
N-ethylperfluorooctane sulfonamide (NEtFOSA)			2.50	2.757		ug/Kg		110	70 - 140	2	30
N-methylperfluorooctanesulfonamidoacetic acid (NMeFOSAA)			2.50	3.062		ug/Kg		122	65 - 155	5	30
N-ethylperfluorooctanesulfonamidoacetic acid (NEtFOSAA)			2.50	2.895		ug/Kg		116	65 - 165	2	30
N-methylperfluorooctane sulfonamidoethanol (NMeFOSE)			12.5	14.12		ug/Kg		113	70 - 140	0	30
N-ethylperfluorooctane sulfonamidoethanol (NEtFOSE)			12.5	13.39		ug/Kg		107	70 - 135	3	30
Hexafluoropropylene Oxide Dimer Acid (HFPO-DA)			1.88	2.060		ug/Kg		110	70 - 145	4	30
4,8-Dioxa-3H-perfluorononanoic acid (ADONA)			2.37	2.523		ug/Kg		107	70 - 160	0	30
Perfluoro-3-methoxypropanoic acid (PFMPA)			2.50	2.760		ug/Kg		110	30 - 140	1	30
Perfluoro-4-methoxybutanoic acid (PFMBA)			2.50	2.713		ug/Kg		109	60 - 150	1	30
Nonafluoro-3,6-dioxaheptanoic acid (NFDHA)			2.50	2.920		ug/Kg		117	60 - 155	2	30
9-Chlorohexadecafluoro-3-oxanonane-1-sulfonic acid (9Cl-PF3ONS)			2.34	2.431		ug/Kg		104	70 - 150	4	30
11-Chloroeicosafluoro-3-oxaundecane-1-sulfonic acid (11Cl-PF3OUdS)			2.36	2.307		ug/Kg		98	45 - 160	2	30
Perfluoro (2-ethoxyethane) sulfonic acid (PFEESA)			2.23	2.518		ug/Kg		113	70 - 140	0	30
3-Perfluoropropylpropanoic acid (3:3 FTCA)			5.00	4.349		ug/Kg		87	45 - 130	1	30
3-Perfluoropentylpropanoic acid (5:3 FTCA)			12.5	12.01		ug/Kg		96	60 - 130	2	30
3-Perfluoroheptylpropanoic acid (7:3 FTCA)			12.5	12.01		ug/Kg		96	60 - 150	1	30

Isotope Dilution	*LCSD %Recovery*	*LCSD Qualifier*	*Limits*
13C4 PFBA	*103*		*8 - 130*
13C5 PFPeA	*94.9*		*35 - 130*
13C5 PFHxA	*92.9*		*40 - 130*
13C4 PFHpA	*99.1*		*40 - 130*
13C8 PFOA	*95.4*		*40 - 130*
13C9 PFNA	*89.1*		*40 - 130*

Method: 1633A - Per- and Polyfluoroalkyl Substances by LC/MS/MS, 1633A (Continued)

Lab Sample ID: LCSD 410-710924/3-A
Matrix: Solid
Analysis Batch: 710788

Client Sample ID: Lab Control Sample Dup
Prep Type: Total/NA
Prep Batch: 710924

Isotope Dilution	*LCSD %Recovery*	*LCSD Qualifier*	*Limits*
13C6 PFDA	*87.4*		*40 - 130*
13C7 PFUnA	*88.7*		*40 - 130*
13C2 PFTeDA	*71.3*		*20 - 130*
13C3 PFBS	*104*		*40 - 135*
13C3 PFHxS	*92.1*		*40 - 130*
13C8 PFOS	*85.5*		*40 - 130*
13C8 FOSA	*76.5*		*40 - 130*
d3-NMeFOSAA	*58.5*		*40 - 135*
d5-NEtFOSAA	*85.4*		*40 - 150*
13C2 4:2 FTS	*86.1*		*40 - 165*
13C2 6:2 FTS	*81.8*		*40 - 215*
13C2 8:2 FTS	*68.3*		*40 - 275*
13C3 HFPO-DA	*97.9*		*40 - 130*
d7-N-MeFOSE-M	*51.4*		*20 - 130*
d9-N-EtFOSE-M	*42.5*		*15 - 130*
d5-NEtPFOSA	*53.1*		*10 - 130*
d3-NMePFOSA	*60.3*		*10 - 130*
13C2 PFDoA	*85.1*		*40 - 130*

Lab Sample ID: LLCS 410-710924/4-A
Matrix: Solid
Analysis Batch: 710788

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 710924

Analyte	Spike Added	LLCS Result	LLCS Qualifier	Unit	D	%Rec	%Rec Limits
Perfluorobutanoic acid (PFBA)	0.500	0.558		ug/Kg		112	70 - 140
Perfluoropentanoic acid (PFPeA)	0.250	0.287		ug/Kg		115	60 - 150
Perfluorohexanoic acid (PFHxA)	0.250	0.268		ug/Kg		107	65 - 140
Perfluoroheptanoic acid (PFHpA)	0.250	0.268		ug/Kg		107	65 - 145
Perfluorooctanoic acid (PFOA)	0.250	0.275		ug/Kg		110	70 - 150
Perfluorononanoic acid (PFNA)	0.250	0.250		ug/Kg		100	70 - 155
Perfluorodecanoic acid (PFDA)	0.250	0.261		ug/Kg		105	70 - 155
Perfluoroundecanoic acid (PFUnA)	0.250	0.249		ug/Kg		99	70 - 155
Perfluorododecanoic acid (PFDoA)	0.250	0.219		ug/Kg		87	70 - 150
Perfluorotridecanoic acid (PFTrDA)	0.250	0.260		ug/Kg		104	65 - 150
Perfluorotetradecanoic acid (PFTeDA)	0.250	0.242		ug/Kg		97	65 - 150
Perfluorobutanesulfonic acid (PFBS)	0.222	0.225		ug/Kg		101	65 - 145
Perfluoropentanesulfonic acid (PFPeS)	0.235	0.238		ug/Kg		101	55 - 160
Perfluorohexanesulfonic acid (PFHxS)	0.228	0.227		ug/Kg		100	60 - 150
Perfluoroheptanesulfonic acid (PFHpS)	0.239	0.226		ug/Kg		95	65 - 155
Perfluorooctanesulfonic acid (PFOS)	0.233	0.229		ug/Kg		98	65 - 160
Perfluorononanesulfonic acid (PFNS)	0.241	0.217		ug/Kg		90	55 - 140

Method: 1633A - Per- and Polyfluoroalkyl Substances by LC/MS/MS, 1633A (Continued)

Lab Sample ID: LLCS 410-710924/4-A
Matrix: Solid
Analysis Batch: 710788

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 710924

Analyte	Spike Added	LLCS Result	LLCS Qualifier	Unit	D	%Rec	%Rec Limits
Perfluorodecanesulfonic acid (PFDS)	0.241	0.211		ug/Kg		88	40 - 155
Perfluorododecanesulfonic acid (PFDoS)	0.243	0.202		ug/Kg		83	25 - 160
1H,1H,2H,2H-Perfluorohexane sulfonic acid (4:2 FTS)	0.469	0.459		ug/Kg		98	60 - 150
1H,1H,2H,2H-Perfluorooctane sulfonic acid (6:2 FTS)	0.476	0.460		ug/Kg		97	55 - 200
1H,1H,2H,2H-Perfluorodecane sulfonic acid (8:2 FTS)	0.480	0.494		ug/Kg		103	70 - 150
Perfluorooctanesulfonamide (PFOSA)	0.250	0.257		ug/Kg		103	70 - 140
N-methylperfluorooctane sulfonamide (NMeFOSA)	0.250	0.226		ug/Kg		90	70 - 155
N-ethylperfluorooctane sulfonamide (NEtFOSA)	0.250	0.252		ug/Kg		101	70 - 140
N-methylperfluorooctanesulfonamidoacetic acid (NMeFOSAA)	0.250	0.225		ug/Kg		90	65 - 155
N-ethylperfluorooctanesulfonamidoacetic acid (NEtFOSAA)	0.250	0.281		ug/Kg		112	65 - 165
N-methylperfluorooctane sulfonamidoethanol (NMeFOSE)	1.25	1.388		ug/Kg		111	70 - 140
N-ethylperfluorooctane sulfonamidoethanol (NEtFOSE)	1.25	1.384		ug/Kg		111	70 - 135
Hexafluoropropylene Oxide Dimer Acid (HFPO-DA)	0.188	0.189	J	ug/Kg		101	70 - 145
4,8-Dioxa-3H-perfluorononanoic acid (ADONA)	0.237	0.213		ug/Kg		90	70 - 160
Perfluoro-3-methoxypropanoic acid (PFMPA)	0.250	0.244		ug/Kg		98	30 - 140
Perfluoro-4-methoxybutanoic acid (PFMBA)	0.250	0.227		ug/Kg		91	60 - 150
Nonafluoro-3,6-dioxaheptanoic acid (NFDHA)	0.250	0.234		ug/Kg		93	60 - 155
9-Chlorohexadecafluoro-3-oxanonane-1-sulfonic acid (9Cl-PF3ONS)	0.234	0.234		ug/Kg		100	70 - 150
11-Chloroeicosafluoro-3-oxaundecane-1-sulfonic acid (11Cl-PF3OUdS)	0.236	0.231		ug/Kg		98	45 - 160
Perfluoro (2-ethoxyethane) sulfonic acid (PFEESA)	0.223	0.209		ug/Kg		94	70 - 140
3-Perfluoropropylpropanoic acid (3:3 FTCA)	0.500	0.430		ug/Kg		86	45 - 130
3-Perfluoropentylpropanoic acid (5:3 FTCA)	1.25	1.317		ug/Kg		105	60 - 130
3-Perfluoroheptylpropanoic acid (7:3 FTCA)	1.25	1.121		ug/Kg		90	60 - 150

Isotope Dilution	*LLCS %Recovery*	*LLCS Qualifier*	*Limits*
13C4 PFBA	*92.3*		*8 - 130*
13C5 PFPeA	*78.4*		*35 - 130*
13C5 PFHxA	*75.1*		*40 - 130*
13C4 PFHpA	*80.6*		*40 - 130*
13C8 PFOA	*75.8*		*40 - 130*

Method: 1633A - Per- and Polyfluoroalkyl Substances by LC/MS/MS, 1633A (Continued)

Lab Sample ID: LLCS 410-710924/4-A
Matrix: Solid
Analysis Batch: 710788

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 710924

Isotope Dilution	LLCS %Recovery	LLCS Qualifier	Limits
13C9 PFNA	68.3		40 - 130
13C6 PFDA	64.6		40 - 130
13C7 PFUnA	68.7		40 - 130
13C2 PFTeDA	58.4		20 - 130
13C3 PFBS	79.1		40 - 135
13C3 PFHxS	71.6		40 - 130
13C8 PFOS	59.9		40 - 130
13C8 FOSA	56.0		40 - 130
d3-NMeFOSAA	44.0		40 - 135
d5-NEtFOSAA	66.6		40 - 150
13C2 4:2 FTS	72.5		40 - 165
13C2 6:2 FTS	63.2		40 - 215
13C2 8:2 FTS	51.4		40 - 275
13C3 HFPO-DA	82.0		40 - 130
d7-N-MeFOSE-M	37.6		20 - 130
d9-N-EtFOSE-M	33.4		15 - 130
d5-NEtPFOSA	38.6		10 - 130
d3-NMePFOSA	43.9		10 - 130
13C2 PFDoA	65.8		40 - 130

Method: 6020B - Metals (ICP/MS)

Lab Sample ID: MB 460-1066975/1-A
Matrix: Solid
Analysis Batch: 1067133

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 1066975

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Aluminum	20.0	U	20.0	5.5	mg/Kg		10/09/25 07:08	10/09/25 16:32	1
Antimony	1.0	U	1.0	0.15	mg/Kg		10/09/25 07:08	10/09/25 16:32	1
Arsenic	1.0	U	1.0	0.10	mg/Kg		10/09/25 07:08	10/09/25 16:32	1
Barium	2.0	U	2.0	0.15	mg/Kg		10/09/25 07:08	10/09/25 16:32	1
Beryllium	0.40	U	0.40	0.022	mg/Kg		10/09/25 07:08	10/09/25 16:32	1
Cadmium	1.0	U	1.0	0.11	mg/Kg		10/09/25 07:08	10/09/25 16:32	1
Calcium	100	U	100	9.7	mg/Kg		10/09/25 07:08	10/09/25 16:32	1
Chromium	2.0	U	2.0	0.30	mg/Kg		10/09/25 07:08	10/09/25 16:32	1
Cobalt	1.0	U	1.0	0.15	mg/Kg		10/09/25 07:08	10/09/25 16:32	1
Copper	2.0	U	2.0	0.37	mg/Kg		10/09/25 07:08	10/09/25 16:32	1
Iron	60.0	U	60.0	7.7	mg/Kg		10/09/25 07:08	10/09/25 16:32	1
Lead	0.60	U	0.60	0.20	mg/Kg		10/09/25 07:08	10/09/25 16:32	1
Magnesium	100	U	100	10.2	mg/Kg		10/09/25 07:08	10/09/25 16:32	1
Manganese	4.0	U	4.0	0.40	mg/Kg		10/09/25 07:08	10/09/25 16:32	1
Nickel	2.0	U	2.0	0.18	mg/Kg		10/09/25 07:08	10/09/25 16:32	1
Potassium	100	U	100	16.2	mg/Kg		10/09/25 07:08	10/09/25 16:32	1
Selenium	1.3	U	1.3	0.13	mg/Kg		10/09/25 07:08	10/09/25 16:32	1
Silver	0.40	U	0.40	0.089	mg/Kg		10/09/25 07:08	10/09/25 16:32	1
Sodium	100	U	100	45.7	mg/Kg		10/09/25 07:08	10/09/25 16:32	1
Thallium	0.40	U	0.40	0.041	mg/Kg		10/09/25 07:08	10/09/25 16:32	1
Vanadium	2.0	U	2.0	0.21	mg/Kg		10/09/25 07:08	10/09/25 16:32	1
Zinc	8.0	U	8.0	1.1	mg/Kg		10/09/25 07:08	10/09/25 16:32	1

Method: 6020B - Metals (ICP/MS) (Continued)

Lab Sample ID: LCSSRM 460-1066975/2-A
Matrix: Solid
Analysis Batch: 1067133

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 1066975

Analyte	Spike Added	LCSSRM Result	LCSSRM Qualifier	Unit	D	%Rec	%Rec Limits
Aluminum	6840	6280		mg/Kg		91.8	53.2 - 146.2
Antimony	131	97.20		mg/Kg		74.2	4.5 - 195.4
Arsenic	192	198.3		mg/Kg		103.3	81.3 - 118.8
Barium	219	231.0		mg/Kg		105.5	81.7 - 118.3
Beryllium	146	150.4		mg/Kg		103.0	82.2 - 117.8
Cadmium	114	131.2		mg/Kg		115.1	81.7 - 118.4
Calcium	4080	4192		mg/Kg		102.7	82.4 - 117.6
Chromium	153	166.5		mg/Kg		108.8	81.0 - 119.0
Cobalt	231	253.4		mg/Kg		109.7	83.1 - 117.3
Copper	91.2	97.33		mg/Kg		106.7	83.1 - 117.3
Iron	7020	6342		mg/Kg		90.3	60.7 - 139.2
Lead	141	137.1		mg/Kg		97.2	81.6 - 118.4
Magnesium	1900	1933		mg/Kg		101.7	76.3 - 123.7
Manganese	401	420.3		mg/Kg		104.8	80.8 - 119.0
Nickel	143	162.1		mg/Kg		113.3	81.8 - 118.9
Potassium	1760	1691		mg/Kg		96.1	72.2 - 127.8
Selenium	94.7	101.9		mg/Kg		107.6	78.5 - 121.4
Silver	77.0	77.67		mg/Kg		100.9	79.4 - 120.6
Sodium	661	769.9		mg/Kg		116.5	73.7 - 126.2
Thallium	183	204.0		mg/Kg		111.5	80.3 - 119.7
Vanadium	159	164.5		mg/Kg		103.5	78.6 - 122.0
Zinc	292	319.4		mg/Kg		109.4	79.8 - 120.2

Lab Sample ID: 460-336467-20 MS
Matrix: Solid
Analysis Batch: 1067133

Client Sample ID: 1H_7-14
Prep Type: Total/NA
Prep Batch: 1066975

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec Limits
Aluminum	4180		520	5292	4	mg/Kg	☼	214	75 - 125
Antimony	0.66	J	5.20	3.41	N	mg/Kg	☼	53	75 - 125
Arsenic	7.3		10.4	18.10		mg/Kg	☼	104	75 - 125
Barium	37.1		10.4	52.02	N	mg/Kg	☼	144	75 - 125
Beryllium	0.39	J	5.20	4.86		mg/Kg	☼	86	75 - 125

Method: 6020B - Metals (ICP/MS) (Continued)

Lab Sample ID: 460-336467-20 MS
Matrix: Solid
Analysis Batch: 1067133

Client Sample ID: 1H_7-14
Prep Type: Total/NA
Prep Batch: 1066975

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec Limits
Cadmium	0.23	J	5.20	4.88		mg/Kg	☼	90	75 - 125
Calcium	3870		520	8592	4	mg/Kg	☼	907	75 - 125
Chromium	9.3		10.4	20.48		mg/Kg	☼	108	75 - 125
Cobalt	3.8		5.20	9.04		mg/Kg	☼	101	75 - 125
Copper	30.7		10.4	42.71		mg/Kg	☼	115	75 - 125
Iron	13900		520	25560	4	mg/Kg	☼	2251	75 - 125
Lead	67.5		5.20	57.90	4	mg/Kg	☼	-185	75 - 125
Magnesium	2810		520	5388	4	mg/Kg	☼	496	75 - 125
Manganese	175		52.0	257.4	N	mg/Kg	☼	159	75 - 125
Nickel	7.8		10.4	18.02		mg/Kg	☼	98	75 - 125
Potassium	580		520	1187		mg/Kg	☼	117	75 - 125
Selenium	0.22	J	10.4	9.58		mg/Kg	☼	90	75 - 125
Silver	0.19	J	5.20	4.73		mg/Kg	☼	87	75 - 125
Sodium	55.2	J	520	561.9		mg/Kg	☼	97	75 - 125
Thallium	0.051	J	4.16	3.83		mg/Kg	☼	91	75 - 125
Vanadium	16.5		10.4	26.35		mg/Kg	☼	95	75 - 125
Zinc	44.4		52.0	91.19		mg/Kg	☼	90	75 - 125

Lab Sample ID: 460-336467-20 DU
Matrix: Solid
Analysis Batch: 1067133

Client Sample ID: 1H_7-14
Prep Type: Total/NA
Prep Batch: 1066975

Analyte	Sample Result	Sample Qualifier	DU Result	DU Qualifier	Unit	D	RPD	RPD Limit
Aluminum	4180		4060		mg/Kg	☼	3	20
Antimony	0.66	J	0.745	J	mg/Kg	☼	12	20
Arsenic	7.3		7.41		mg/Kg	☼	2	20
Barium	37.1		37.39		mg/Kg	☼	0.9	20
Beryllium	0.39	J	0.382	J	mg/Kg	☼	1	20
Cadmium	0.23	J	0.241	J	mg/Kg	☼	5	20
Calcium	3870		6395	*	mg/Kg	☼	49	20
Chromium	9.3		9.83		mg/Kg	☼	5	20
Cobalt	3.8		3.69		mg/Kg	☼	3	20
Copper	30.7		30.71		mg/Kg	☼	0	20
Iron	13900		12830		mg/Kg	☼	8	20
Lead	67.5		51.69	*	mg/Kg	☼	27	20
Magnesium	2810		4223	*	mg/Kg	☼	40	20
Manganese	175		163.2		mg/Kg	☼	7	20
Nickel	7.8		7.79		mg/Kg	☼	0.09	20
Potassium	580		601.5		mg/Kg	☼	4	20
Selenium	0.22	J	0.202	J	mg/Kg	☼	10	20
Silver	0.19	J	0.204	J	mg/Kg	☼	5	20
Sodium	55.2	J	59.75	J	mg/Kg	☼	8	20
Thallium	0.051	J	0.0479	J	mg/Kg	☼	7	20
Vanadium	16.5		15.87		mg/Kg	☼	4	20
Zinc	44.4		46.56		mg/Kg	☼	5	20

Method: 7471B - Mercury (CVAA)

Lab Sample ID: MB 460-1067896/1-A
Matrix: Solid
Analysis Batch: 1068017

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 1067896

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	0.017	U	0.017	0.0080	mg/Kg		10/13/25 07:47	10/13/25 14:25	1

Lab Sample ID: LCSSRM 460-1067896/2-A
Matrix: Solid
Analysis Batch: 1068017

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 1067896

Analyte	Spike Added	LCSSRM Result	LCSSRM Qualifier	Unit	D	%Rec	%Rec Limits
Mercury	14.1	12.77		mg/Kg		90.6	69.6 - 130.5

Lab Sample ID: 460-336467-18 MS
Matrix: Solid
Analysis Batch: 1068017

Client Sample ID: 1G_7-14
Prep Type: Total/NA
Prep Batch: 1067896

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec Limits
Mercury	0.025		0.0922	0.107		mg/Kg	☼	89	80 - 120

Lab Sample ID: 460-336467-18 DU
Matrix: Solid
Analysis Batch: 1068017

Client Sample ID: 1G_7-14
Prep Type: Total/NA
Prep Batch: 1067896

Analyte	Sample Result	Sample Qualifier	DU Result	DU Qualifier	Unit	D	RPD	RPD Limit
Mercury	0.025		0.0215		mg/Kg	☼	17	20

Method: Moisture - Percent Moisture

Lab Sample ID: 460-336467-3 DU
Matrix: Solid
Analysis Batch: 1066571

Client Sample ID: 2B_0-6
Prep Type: Total/NA

Analyte	Sample Result	Sample Qualifier	DU Result	DU Qualifier	Unit	D	RPD	RPD Limit
Percent Moisture	3.7		3.4		%		8	20
Percent Solids	96.3		96.6		%		0.3	20

Lab Sample ID: 460-336467-31 DU
Matrix: Solid
Analysis Batch: 1067127

Client Sample ID: 2B1_6-7
Prep Type: Total/NA

Analyte	Sample Result	Sample Qualifier	DU Result	DU Qualifier	Unit	D	RPD	RPD Limit
Percent Moisture	4.0		6.2	*	%		43	20
Percent Solids	96.0		93.8		%		2	20

Lab Sample ID: 460-336467-51 DU
Matrix: Solid
Analysis Batch: 1067128

Client Sample ID: 1C3_5-6
Prep Type: Total/NA

Analyte	Sample Result	Sample Qualifier	DU Result	DU Qualifier	Unit	D	RPD	RPD Limit
Percent Moisture	9.3		8.4		%		10	20
Percent Solids	90.7		91.6		%		1	20

Method: Moisture - Percent Moisture (Continued)

Lab Sample ID: 460-336437-D-17 DU
Matrix: Solid
Analysis Batch: 1067189

Client Sample ID: Duplicate
Prep Type: Total/NA

Analyte	Sample Result	Sample Qualifier		DU Result	DU Qualifier	Unit	D			RPD	RPD Limit
Percent Moisture	3.3			3.2		%				4	20
Percent Solids	96.7			96.8		%				0.1	20

Lab Sample ID: 460-336467-69 DU
Matrix: Solid
Analysis Batch: 1067190

Client Sample ID: 1E2_13-14
Prep Type: Total/NA

Analyte	Sample Result	Sample Qualifier		DU Result	DU Qualifier	Unit	D			RPD	RPD Limit
Percent Moisture	3.6			4.7	*	%				29	20
Percent Solids	96.4			95.3		%				1	20

Lab Sample ID: 460-336467-89 DU
Matrix: Solid
Analysis Batch: 1067190

Client Sample ID: 1H3_9-10
Prep Type: Total/NA

Analyte	Sample Result	Sample Qualifier		DU Result	DU Qualifier	Unit	D			RPD	RPD Limit
Percent Moisture	1.0	U		1.0	U	%				NC	20
Percent Solids	99.5			99.1		%				0.5	20

GC/MS VOA

Prep Batch: 1066236

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
460-336467-21	2A1_1-2	Total/NA	Solid	5035	
460-336467-22	2A2_3-4	Total/NA	Solid	5035	
460-336467-23	2A3_4-5	Total/NA	Solid	5035	
460-336467-24	2A1_6-7	Total/NA	Solid	5035	
460-336467-25	2A2_8-9	Total/NA	Solid	5035	
460-336467-26	2A3_10-11	Total/NA	Solid	5035	
460-336467-27	2A1_11-12	Total/NA	Solid	5035	
460-336467-28	2B1_1-2	Total/NA	Solid	5035	
460-336467-29	2B2_2-3	Total/NA	Solid	5035	
460-336467-30	2B3_4-5	Total/NA	Solid	5035	
460-336467-31	2B1_6-7	Total/NA	Solid	5035	
460-336467-32	2B2_8-9	Total/NA	Solid	5035	
460-336467-33	2B3_9-10	Total/NA	Solid	5035	
460-336467-34	2B1_10-11	Total/NA	Solid	5035	
460-336467-35	1A1_1-2	Total/NA	Solid	5035	
460-336467-36	1A2_3-4	Total/NA	Solid	5035	
460-336467-37	1A3_4-5	Total/NA	Solid	5035	
460-336467-38	1A1_6-7	Total/NA	Solid	5035	
460-336467-39	1A2_8-9	Total/NA	Solid	5035	
460-336467-40	1A3_10-11	Total/NA	Solid	5035	
460-336467-41	1A1_12-13	Total/NA	Solid	5035	
460-336467-42	1B1_1-2	Total/NA	Solid	5035	
460-336467-43	1B2_3-4	Total/NA	Solid	5035	
460-336467-44	1B3_4-5	Total/NA	Solid	5035	
460-336467-45	1B1_6-7	Total/NA	Solid	5035	

Prep Batch: 1066247

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
460-336467-46	1B2_8-9	Total/NA	Solid	5035	
460-336467-47	1B3_9-10	Total/NA	Solid	5035	
460-336467-48	1B1_10-11	Total/NA	Solid	5035	
460-336467-49	1C1_2-3	Total/NA	Solid	5035	
460-336467-50	1C2_3-4	Total/NA	Solid	5035	
460-336467-51	1C3_5-6	Total/NA	Solid	5035	
460-336467-52	1C1_6-7	Total/NA	Solid	5035	
460-336467-53	1C2_8-9	Total/NA	Solid	5035	
460-336467-54	1C3_10-11	Total/NA	Solid	5035	
460-336467-55	1C1_11-12	Total/NA	Solid	5035	
460-336467-56	1D1_1-2	Total/NA	Solid	5035	
460-336467-57	1D2_2-3	Total/NA	Solid	5035	
460-336467-58	1D3_4-5	Total/NA	Solid	5035	
460-336467-59	1D1_6-7	Total/NA	Solid	5035	
460-336467-60	1D2_7-8	Total/NA	Solid	5035	
460-336467-61	1D3_9-10	Total/NA	Solid	5035	
460-336467-62	1D1_13-14	Total/NA	Solid	5035	
460-336467-63	1E1_1-2	Total/NA	Solid	5035	
460-336467-64	1E2_3-4	Total/NA	Solid	5035	
460-336467-65	1E3_4-5	Total/NA	Solid	5035	
460-336467-66	1E1_6-7	Total/NA	Solid	5035	
460-336467-67	1E2_8-9	Total/NA	Solid	5035	
460-336467-68	1E3_10-11	Total/NA	Solid	5035	

GC/MS VOA (Continued)

Prep Batch: 1066247 (Continued)

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
460-336467-69	1E2_13-14	Total/NA	Solid	5035	
460-336467-70	1F1_2-3	Total/NA	Solid	5035	

Prep Batch: 1066255

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
460-336467-71	1F2_4-5	Total/NA	Solid	5035	
460-336467-72	1F3_5-6	Total/NA	Solid	5035	
460-336467-73	1F1_7-8	Total/NA	Solid	5035	
460-336467-74	1F2_8-9	Total/NA	Solid	5035	
460-336467-75	1F3_10-11	Total/NA	Solid	5035	
460-336467-76	1F1_12-13	Total/NA	Solid	5035	
460-336467-77	1G1_1-2	Total/NA	Solid	5035	
460-336467-78	1G2_2-3	Total/NA	Solid	5035	
460-336467-79	1G3_4-5	Total/NA	Solid	5035	
460-336467-80	1G1_5-6	Total/NA	Solid	5035	
460-336467-81	1G2_8-9	Total/NA	Solid	5035	
460-336467-82	1G3_9-10	Total/NA	Solid	5035	
460-336467-83	1G2_12-13	Total/NA	Solid	5035	
460-336467-84	1H1_1-2	Total/NA	Solid	5035	
460-336467-85	1H2_3-4	Total/NA	Solid	5035	
460-336467-86	1H3_4-5	Total/NA	Solid	5035	
460-336467-87	1H1_6-7	Total/NA	Solid	5035	
460-336467-88	1H2_8-9	Total/NA	Solid	5035	
460-336467-89	1H3_9-10	Total/NA	Solid	5035	
460-336467-90	1H1_11-12	Total/NA	Solid	5035	

Analysis Batch: 1066311

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
460-336467-37	1A3_4-5	Total/NA	Solid	8260D	1066236
460-336467-38	1A1_6-7	Total/NA	Solid	8260D	1066236
460-336467-39	1A2_8-9	Total/NA	Solid	8260D	1066236
MB 460-1066311/7	Method Blank	Total/NA	Solid	8260D	
LCS 460-1066311/3	Lab Control Sample	Total/NA	Solid	8260D	
LCSD 460-1066311/4	Lab Control Sample Dup	Total/NA	Solid	8260D	

Analysis Batch: 1066538

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
460-336467-43	1B2_3-4	Total/NA	Solid	8260D	1066236
460-336467-44	1B3_4-5	Total/NA	Solid	8260D	1066236
460-336467-45	1B1_6-7	Total/NA	Solid	8260D	1066236
460-336467-46	1B2_8-9	Total/NA	Solid	8260D	1066247
460-336467-47	1B3_9-10	Total/NA	Solid	8260D	1066247
460-336467-48	1B1_10-11	Total/NA	Solid	8260D	1066247
460-336467-49	1C1_2-3	Total/NA	Solid	8260D	1066247
460-336467-50	1C2_3-4	Total/NA	Solid	8260D	1066247
460-336467-51	1C3_5-6	Total/NA	Solid	8260D	1066247
460-336467-52	1C1_6-7	Total/NA	Solid	8260D	1066247
460-336467-53	1C2_8-9	Total/NA	Solid	8260D	1066247
460-336467-57	1D2_2-3	Total/NA	Solid	8260D	1066247
460-336467-58	1D3_4-5	Total/NA	Solid	8260D	1066247
460-336467-59	1D1_6-7	Total/NA	Solid	8260D	1066247

GC/MS VOA (Continued)

Analysis Batch: 1066538 (Continued)

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
460-336467-61	1D3_9-10	Total/NA	Solid	8260D	1066247
460-336467-62	1D1_13-14	Total/NA	Solid	8260D	1066247
MB 460-1066538/7	Method Blank	Total/NA	Solid	8260D	
LCS 460-1066538/2	Lab Control Sample	Total/NA	Solid	8260D	
LCSD 460-1066538/4	Lab Control Sample Dup	Total/NA	Solid	8260D	

Analysis Batch: 1066542

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
460-336467-63	1E1_1-2	Total/NA	Solid	8260D	1066247
460-336467-64	1E2_3-4	Total/NA	Solid	8260D	1066247
460-336467-65	1E3_4-5	Total/NA	Solid	8260D	1066247
460-336467-66	1E1_6-7	Total/NA	Solid	8260D	1066247
460-336467-67	1E2_8-9	Total/NA	Solid	8260D	1066247
460-336467-68	1E3_10-11	Total/NA	Solid	8260D	1066247
460-336467-69	1E2_13-14	Total/NA	Solid	8260D	1066247
460-336467-70	1F1_2-3	Total/NA	Solid	8260D	1066247
460-336467-71	1F2_4-5	Total/NA	Solid	8260D	1066255
460-336467-72	1F3_5-6	Total/NA	Solid	8260D	1066255
460-336467-73	1F1_7-8	Total/NA	Solid	8260D	1066255
460-336467-74	1F2_8-9	Total/NA	Solid	8260D	1066255
460-336467-75	1F3_10-11	Total/NA	Solid	8260D	1066255
460-336467-76	1F1_12-13	Total/NA	Solid	8260D	1066255
460-336467-77	1G1_1-2	Total/NA	Solid	8260D	1066255
460-336467-78	1G2_2-3	Total/NA	Solid	8260D	1066255
460-336467-79	1G3_4-5	Total/NA	Solid	8260D	1066255
460-336467-80	1G1_5-6	Total/NA	Solid	8260D	1066255
460-336467-81	1G2_8-9	Total/NA	Solid	8260D	1066255
460-336467-82	1G3_9-10	Total/NA	Solid	8260D	1066255
MB 460-1066542/7	Method Blank	Total/NA	Solid	8260D	
LCS 460-1066542/3	Lab Control Sample	Total/NA	Solid	8260D	
LCSD 460-1066542/4	Lab Control Sample Dup	Total/NA	Solid	8260D	

Analysis Batch: 1066601

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
460-336467-54	1C3_10-11	Total/NA	Solid	8260D	1066247
460-336467-55	1C1_11-12	Total/NA	Solid	8260D	1066247
460-336467-56	1D1_1-2	Total/NA	Solid	8260D	1066247
460-336467-60	1D2_7-8	Total/NA	Solid	8260D	1066247
460-336467-83	1G2_12-13	Total/NA	Solid	8260D	1066255
460-336467-84	1H1_1-2	Total/NA	Solid	8260D	1066255
460-336467-85	1H2_3-4	Total/NA	Solid	8260D	1066255
460-336467-86	1H3_4-5	Total/NA	Solid	8260D	1066255
460-336467-87	1H1_6-7	Total/NA	Solid	8260D	1066255
460-336467-88	1H2_8-9	Total/NA	Solid	8260D	1066255
460-336467-89	1H3_9-10	Total/NA	Solid	8260D	1066255
460-336467-90	1H1_11-12	Total/NA	Solid	8260D	1066255
MB 460-1066601/7	Method Blank	Total/NA	Solid	8260D	
LCS 460-1066601/3	Lab Control Sample	Total/NA	Solid	8260D	
LCSD 460-1066601/4	Lab Control Sample Dup	Total/NA	Solid	8260D	

GC/MS VOA

Analysis Batch: 1066734

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
460-336467-40	1A3_10-11	Total/NA	Solid	8260D	1066236
460-336467-41	1A1_12-13	Total/NA	Solid	8260D	1066236
460-336467-42	1B1_1-2	Total/NA	Solid	8260D	1066236
MB 460-1066734/7	Method Blank	Total/NA	Solid	8260D	
LCS 460-1066734/3	Lab Control Sample	Total/NA	Solid	8260D	
LCSD 460-1066734/4	Lab Control Sample Dup	Total/NA	Solid	8260D	

Analysis Batch: 1067096

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
460-336467-21	2A1_1-2	Total/NA	Solid	8260D	1066236
460-336467-22	2A2_3-4	Total/NA	Solid	8260D	1066236
460-336467-23	2A3_4-5	Total/NA	Solid	8260D	1066236
460-336467-24	2A1_6-7	Total/NA	Solid	8260D	1066236
460-336467-25	2A2_8-9	Total/NA	Solid	8260D	1066236
460-336467-26	2A3_10-11	Total/NA	Solid	8260D	1066236
460-336467-27	2A1_11-12	Total/NA	Solid	8260D	1066236
460-336467-28	2B1_1-2	Total/NA	Solid	8260D	1066236
460-336467-29	2B2_2-3	Total/NA	Solid	8260D	1066236
460-336467-30	2B3_4-5	Total/NA	Solid	8260D	1066236
460-336467-31	2B1_6-7	Total/NA	Solid	8260D	1066236
460-336467-32	2B2_8-9	Total/NA	Solid	8260D	1066236
460-336467-33	2B3_9-10	Total/NA	Solid	8260D	1066236
460-336467-34	2B1_10-11	Total/NA	Solid	8260D	1066236
460-336467-35	1A1_1-2	Total/NA	Solid	8260D	1066236
460-336467-36	1A2_3-4	Total/NA	Solid	8260D	1066236
MB 460-1067096/7	Method Blank	Total/NA	Solid	8260D	
LCS 460-1067096/3	Lab Control Sample	Total/NA	Solid	8260D	
LCSD 460-1067096/4	Lab Control Sample Dup	Total/NA	Solid	8260D	

GC/MS Semi VOA

Prep Batch: 1066372

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
460-336467-1	2A_0-6	Total/NA	Solid	3546	
460-336467-2	2A_6-12	Total/NA	Solid	3546	
460-336467-3	2B_0-6	Total/NA	Solid	3546	
460-336467-4	2B_6-12	Total/NA	Solid	3546	
460-336467-5	1A_0-7	Total/NA	Solid	3546	
460-336467-6	1A_7-14	Total/NA	Solid	3546	
460-336467-7	1B_0-7	Total/NA	Solid	3546	
460-336467-8	1B_7-14	Total/NA	Solid	3546	
460-336467-9	1C_0-7	Total/NA	Solid	3546	
460-336467-10	1C_7-14	Total/NA	Solid	3546	
460-336467-11	1D_0-7	Total/NA	Solid	3546	
460-336467-12	1D_7-14	Total/NA	Solid	3546	
460-336467-13	1E_0-7	Total/NA	Solid	3546	
460-336467-14	1E_7-14	Total/NA	Solid	3546	
460-336467-15	1F_0-7	Total/NA	Solid	3546	
460-336467-16	1F_7-14	Total/NA	Solid	3546	
460-336467-17	1G_0-7	Total/NA	Solid	3546	
460-336467-18	1G_7-14	Total/NA	Solid	3546	

GC/MS Semi VOA (Continued)

Prep Batch: 1066372 (Continued)

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
460-336467-19	1H_0-7	Total/NA	Solid	3546	
460-336467-20	1H_7-14	Total/NA	Solid	3546	
MB 460-1066372/1-A	Method Blank	Total/NA	Solid	3546	
LCS 460-1066372/2-A	Lab Control Sample	Total/NA	Solid	3546	
LCSD 460-1066372/3-A	Lab Control Sample Dup	Total/NA	Solid	3546	
460-336467-1 MS	2A_0-6	Total/NA	Solid	3546	
460-336467-1 MSD	2A_0-6	Total/NA	Solid	3546	

Analysis Batch: 1066501

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
460-336467-1	2A_0-6	Total/NA	Solid	8270E	1066372
460-336467-2	2A_6-12	Total/NA	Solid	8270E	1066372
460-336467-3	2B_0-6	Total/NA	Solid	8270E	1066372
460-336467-4	2B_6-12	Total/NA	Solid	8270E	1066372
460-336467-5	1A_0-7	Total/NA	Solid	8270E	1066372
460-336467-6	1A_7-14	Total/NA	Solid	8270E	1066372
460-336467-7	1B_0-7	Total/NA	Solid	8270E	1066372
460-336467-8	1B_7-14	Total/NA	Solid	8270E	1066372
460-336467-9	1C_0-7	Total/NA	Solid	8270E	1066372
460-336467-10	1C_7-14	Total/NA	Solid	8270E	1066372
460-336467-11	1D_0-7	Total/NA	Solid	8270E	1066372
460-336467-12	1D_7-14	Total/NA	Solid	8270E	1066372
460-336467-13	1E_0-7	Total/NA	Solid	8270E	1066372
460-336467-14	1E_7-14	Total/NA	Solid	8270E	1066372
460-336467-15	1F_0-7	Total/NA	Solid	8270E	1066372
460-336467-16	1F_7-14	Total/NA	Solid	8270E	1066372
460-336467-17	1G_0-7	Total/NA	Solid	8270E	1066372
460-336467-18	1G_7-14	Total/NA	Solid	8270E	1066372
460-336467-19	1H_0-7	Total/NA	Solid	8270E	1066372
460-336467-20	1H_7-14	Total/NA	Solid	8270E	1066372
MB 460-1066372/1-A	Method Blank	Total/NA	Solid	8270E	1066372
LCS 460-1066372/2-A	Lab Control Sample	Total/NA	Solid	8270E	1066372
LCSD 460-1066372/3-A	Lab Control Sample Dup	Total/NA	Solid	8270E	1066372
460-336467-1 MS	2A_0-6	Total/NA	Solid	8270E	1066372
460-336467-1 MSD	2A_0-6	Total/NA	Solid	8270E	1066372

GC Semi VOA

Prep Batch: 1066250

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
460-336467-1	2A_0-6	Total/NA	Solid	3546	
460-336467-2	2A_6-12	Total/NA	Solid	3546	
460-336467-3	2B_0-6	Total/NA	Solid	3546	
460-336467-4	2B_6-12	Total/NA	Solid	3546	
460-336467-5	1A_0-7	Total/NA	Solid	3546	
460-336467-6	1A_7-14	Total/NA	Solid	3546	
460-336467-7	1B_0-7	Total/NA	Solid	3546	
460-336467-8	1B_7-14	Total/NA	Solid	3546	
460-336467-9	1C_0-7	Total/NA	Solid	3546	
460-336467-10	1C_7-14	Total/NA	Solid	3546	
460-336467-11	1D_0-7	Total/NA	Solid	3546	

GC Semi VOA (Continued)

Prep Batch: 1066250 (Continued)

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
460-336467-12	1D_7-14	Total/NA	Solid	3546	
460-336467-13	1E_0-7	Total/NA	Solid	3546	
460-336467-14	1E_7-14	Total/NA	Solid	3546	
460-336467-15	1F_0-7	Total/NA	Solid	3546	
460-336467-16	1F_7-14	Total/NA	Solid	3546	
460-336467-17	1G_0-7	Total/NA	Solid	3546	
460-336467-18	1G_7-14	Total/NA	Solid	3546	
460-336467-19	1H_0-7	Total/NA	Solid	3546	
460-336467-20	1H_7-14	Total/NA	Solid	3546	
MB 460-1066250/1-A	Method Blank	Total/NA	Solid	3546	
LCS 460-1066250/2-A	Lab Control Sample	Total/NA	Solid	3546	
LCSD 460-1066250/3-A	Lab Control Sample Dup	Total/NA	Solid	3546	
460-336467-1 MS	2A_0-6	Total/NA	Solid	3546	
460-336467-1 MSD	2A_0-6	Total/NA	Solid	3546	

Prep Batch: 1066251

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
460-336467-1	2A_0-6	Total/NA	Solid	3546	
460-336467-2	2A_6-12	Total/NA	Solid	3546	
460-336467-3	2B_0-6	Total/NA	Solid	3546	
460-336467-4	2B_6-12	Total/NA	Solid	3546	
460-336467-5	1A_0-7	Total/NA	Solid	3546	
460-336467-6	1A_7-14	Total/NA	Solid	3546	
460-336467-7	1B_0-7	Total/NA	Solid	3546	
460-336467-8	1B_7-14	Total/NA	Solid	3546	
460-336467-9	1C_0-7	Total/NA	Solid	3546	
460-336467-10	1C_7-14	Total/NA	Solid	3546	
460-336467-11	1D_0-7	Total/NA	Solid	3546	
460-336467-12	1D_7-14	Total/NA	Solid	3546	
460-336467-13	1E_0-7	Total/NA	Solid	3546	
460-336467-14	1E_7-14	Total/NA	Solid	3546	
460-336467-15	1F_0-7	Total/NA	Solid	3546	
460-336467-16	1F_7-14	Total/NA	Solid	3546	
460-336467-17	1G_0-7	Total/NA	Solid	3546	
460-336467-18	1G_7-14	Total/NA	Solid	3546	
460-336467-19	1H_0-7	Total/NA	Solid	3546	
460-336467-20	1H_7-14	Total/NA	Solid	3546	
MB 460-1066251/1-A	Method Blank	Total/NA	Solid	3546	
LCS 460-1066251/2-A	Lab Control Sample	Total/NA	Solid	3546	
LCSD 460-1066251/3-A	Lab Control Sample Dup	Total/NA	Solid	3546	
460-336467-1 MS	2A_0-6	Total/NA	Solid	3546	
460-336467-1 MSD	2A_0-6	Total/NA	Solid	3546	

Analysis Batch: 1066396

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
460-336467-1	2A_0-6	Total/NA	Solid	8081B	1066251
460-336467-2	2A_6-12	Total/NA	Solid	8081B	1066251
460-336467-3	2B_0-6	Total/NA	Solid	8081B	1066251
460-336467-4	2B_6-12	Total/NA	Solid	8081B	1066251
460-336467-5	1A_0-7	Total/NA	Solid	8081B	1066251
460-336467-6	1A_7-14	Total/NA	Solid	8081B	1066251

GC Semi VOA (Continued)

Analysis Batch: 1066396 (Continued)

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
460-336467-7	1B_0-7	Total/NA	Solid	8081B	1066251
460-336467-8	1B_7-14	Total/NA	Solid	8081B	1066251
460-336467-9	1C_0-7	Total/NA	Solid	8081B	1066251
460-336467-10	1C_7-14	Total/NA	Solid	8081B	1066251
460-336467-11	1D_0-7	Total/NA	Solid	8081B	1066251
460-336467-12	1D_7-14	Total/NA	Solid	8081B	1066251
460-336467-13	1E_0-7	Total/NA	Solid	8081B	1066251
460-336467-14	1E_7-14	Total/NA	Solid	8081B	1066251
460-336467-15	1F_0-7	Total/NA	Solid	8081B	1066251
460-336467-16	1F_7-14	Total/NA	Solid	8081B	1066251
460-336467-17	1G_0-7	Total/NA	Solid	8081B	1066251
460-336467-18	1G_7-14	Total/NA	Solid	8081B	1066251
460-336467-19	1H_0-7	Total/NA	Solid	8081B	1066251
460-336467-20	1H_7-14	Total/NA	Solid	8081B	1066251
MB 460-1066251/1-A	Method Blank	Total/NA	Solid	8081B	1066251
LCS 460-1066251/2-A	Lab Control Sample	Total/NA	Solid	8081B	1066251
LCSD 460-1066251/3-A	Lab Control Sample Dup	Total/NA	Solid	8081B	1066251
460-336467-1 MS	2A_0-6	Total/NA	Solid	8081B	1066251
460-336467-1 MSD	2A_0-6	Total/NA	Solid	8081B	1066251

Analysis Batch: 1066555

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
460-336467-1	2A_0-6	Total/NA	Solid	8082A	1066250
460-336467-2	2A_6-12	Total/NA	Solid	8082A	1066250
460-336467-3	2B_0-6	Total/NA	Solid	8082A	1066250
460-336467-4	2B_6-12	Total/NA	Solid	8082A	1066250
460-336467-5	1A_0-7	Total/NA	Solid	8082A	1066250
460-336467-6	1A_7-14	Total/NA	Solid	8082A	1066250
460-336467-7	1B_0-7	Total/NA	Solid	8082A	1066250
460-336467-8	1B_7-14	Total/NA	Solid	8082A	1066250
460-336467-9	1C_0-7	Total/NA	Solid	8082A	1066250
460-336467-10	1C_7-14	Total/NA	Solid	8082A	1066250
460-336467-11	1D_0-7	Total/NA	Solid	8082A	1066250
460-336467-12	1D_7-14	Total/NA	Solid	8082A	1066250
460-336467-13	1E_0-7	Total/NA	Solid	8082A	1066250
460-336467-14	1E_7-14	Total/NA	Solid	8082A	1066250
460-336467-15	1F_0-7	Total/NA	Solid	8082A	1066250
460-336467-16	1F_7-14	Total/NA	Solid	8082A	1066250
460-336467-17	1G_0-7	Total/NA	Solid	8082A	1066250
460-336467-18	1G_7-14	Total/NA	Solid	8082A	1066250
460-336467-19	1H_0-7	Total/NA	Solid	8082A	1066250
460-336467-20	1H_7-14	Total/NA	Solid	8082A	1066250
MB 460-1066250/1-A	Method Blank	Total/NA	Solid	8082A	1066250
LCS 460-1066250/2-A	Lab Control Sample	Total/NA	Solid	8082A	1066250
LCSD 460-1066250/3-A	Lab Control Sample Dup	Total/NA	Solid	8082A	1066250
460-336467-1 MS	2A_0-6	Total/NA	Solid	8082A	1066250
460-336467-1 MSD	2A_0-6	Total/NA	Solid	8082A	1066250

LCMS

Analysis Batch: 710788

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
460-336467-1	2A_0-6	Total/NA	Solid	1633A	710918
460-336467-2	2A_6-12	Total/NA	Solid	1633A	710918
460-336467-3	2B_0-6	Total/NA	Solid	1633A	710918
460-336467-4	2B_6-12	Total/NA	Solid	1633A	710918
460-336467-5	1A_0-7	Total/NA	Solid	1633A	710918
460-336467-6	1A_7-14	Total/NA	Solid	1633A	710918
460-336467-7	1B_0-7	Total/NA	Solid	1633A	710918
460-336467-8	1B_7-14	Total/NA	Solid	1633A	710918
460-336467-9	1C_0-7	Total/NA	Solid	1633A	710918
460-336467-10	1C_7-14	Total/NA	Solid	1633A	710918
460-336467-11	1D_0-7	Total/NA	Solid	1633A	710918
460-336467-12	1D_7-14	Total/NA	Solid	1633A	710918
460-336467-13	1E_0-7	Total/NA	Solid	1633A	710918
460-336467-14	1E_7-14	Total/NA	Solid	1633A	710918
460-336467-15	1F_0-7	Total/NA	Solid	1633A	710924
460-336467-16	1F_7-14	Total/NA	Solid	1633A	710924
460-336467-17	1G_0-7	Total/NA	Solid	1633A	710924
460-336467-18	1G_7-14	Total/NA	Solid	1633A	710924
460-336467-19	1H_0-7	Total/NA	Solid	1633A	710924
460-336467-20	1H_7-14	Total/NA	Solid	1633A	710924
MB 410-710918/1-A	Method Blank	Total/NA	Solid	1633A	710918
MB 410-710924/1-A	Method Blank	Total/NA	Solid	1633A	710924
LCS 410-710918/2-A	Lab Control Sample	Total/NA	Solid	1633A	710918
LCS 410-710924/2-A	Lab Control Sample	Total/NA	Solid	1633A	710924
LCSD 410-710918/3-A	Lab Control Sample Dup	Total/NA	Solid	1633A	710918
LCSD 410-710924/3-A	Lab Control Sample Dup	Total/NA	Solid	1633A	710924
LLCS 410-710918/4-A	Lab Control Sample	Total/NA	Solid	1633A	710918
LLCS 410-710924/4-A	Lab Control Sample	Total/NA	Solid	1633A	710924

Prep Batch: 710918

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
460-336467-1	2A_0-6	Total/NA	Solid	1633A Shake	
460-336467-2	2A_6-12	Total/NA	Solid	1633A Shake	
460-336467-3	2B_0-6	Total/NA	Solid	1633A Shake	
460-336467-4	2B_6-12	Total/NA	Solid	1633A Shake	
460-336467-5	1A_0-7	Total/NA	Solid	1633A Shake	
460-336467-6	1A_7-14	Total/NA	Solid	1633A Shake	
460-336467-7	1B_0-7	Total/NA	Solid	1633A Shake	
460-336467-8	1B_7-14	Total/NA	Solid	1633A Shake	
460-336467-9	1C_0-7	Total/NA	Solid	1633A Shake	
460-336467-10	1C_7-14	Total/NA	Solid	1633A Shake	
460-336467-11	1D_0-7	Total/NA	Solid	1633A Shake	
460-336467-12	1D_7-14	Total/NA	Solid	1633A Shake	
460-336467-13	1E_0-7	Total/NA	Solid	1633A Shake	
460-336467-14	1E_7-14	Total/NA	Solid	1633A Shake	
MB 410-710918/1-A	Method Blank	Total/NA	Solid	1633A Shake	
LCS 410-710918/2-A	Lab Control Sample	Total/NA	Solid	1633A Shake	
LCSD 410-710918/3-A	Lab Control Sample Dup	Total/NA	Solid	1633A Shake	
LLCS 410-710918/4-A	Lab Control Sample	Total/NA	Solid	1633A Shake	

LCMS

Prep Batch: 710924

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
460-336467-15	1F_0-7	Total/NA	Solid	1633A Shake	
460-336467-16	1F_7-14	Total/NA	Solid	1633A Shake	
460-336467-17	1G_0-7	Total/NA	Solid	1633A Shake	
460-336467-18	1G_7-14	Total/NA	Solid	1633A Shake	
460-336467-19	1H_0-7	Total/NA	Solid	1633A Shake	
460-336467-20	1H_7-14	Total/NA	Solid	1633A Shake	
MB 410-710924/1-A	Method Blank	Total/NA	Solid	1633A Shake	
LCS 410-710924/2-A	Lab Control Sample	Total/NA	Solid	1633A Shake	
LCSD 410-710924/3-A	Lab Control Sample Dup	Total/NA	Solid	1633A Shake	
LLCS 410-710924/4-A	Lab Control Sample	Total/NA	Solid	1633A Shake	

Metals

Prep Batch: 1066975

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
460-336467-1	2A_0-6	Total/NA	Solid	3050B	
460-336467-2	2A_6-12	Total/NA	Solid	3050B	
460-336467-3	2B_0-6	Total/NA	Solid	3050B	
460-336467-4	2B_6-12	Total/NA	Solid	3050B	
460-336467-5	1A_0-7	Total/NA	Solid	3050B	
460-336467-6	1A_7-14	Total/NA	Solid	3050B	
460-336467-7	1B_0-7	Total/NA	Solid	3050B	
460-336467-8	1B_7-14	Total/NA	Solid	3050B	
460-336467-9	1C_0-7	Total/NA	Solid	3050B	
460-336467-10	1C_7-14	Total/NA	Solid	3050B	
460-336467-11	1D_0-7	Total/NA	Solid	3050B	
460-336467-12	1D_7-14	Total/NA	Solid	3050B	
460-336467-13	1E_0-7	Total/NA	Solid	3050B	
460-336467-14	1E_7-14	Total/NA	Solid	3050B	
460-336467-15	1F_0-7	Total/NA	Solid	3050B	
460-336467-16	1F_7-14	Total/NA	Solid	3050B	
460-336467-17	1G_0-7	Total/NA	Solid	3050B	
460-336467-18	1G_7-14	Total/NA	Solid	3050B	
460-336467-19	1H_0-7	Total/NA	Solid	3050B	
460-336467-20	1H_7-14	Total/NA	Solid	3050B	
MB 460-1066975/1-A	Method Blank	Total/NA	Solid	3050B	
LCSSRM 460-1066975/2-A	Lab Control Sample	Total/NA	Solid	3050B	
460-336467-20 MS	1H_7-14	Total/NA	Solid	3050B	
460-336467-20 DU	1H_7-14	Total/NA	Solid	3050B	

Analysis Batch: 1067133

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
460-336467-1	2A_0-6	Total/NA	Solid	6020B	1066975
460-336467-2	2A_6-12	Total/NA	Solid	6020B	1066975
460-336467-3	2B_0-6	Total/NA	Solid	6020B	1066975
460-336467-4	2B_6-12	Total/NA	Solid	6020B	1066975
460-336467-5	1A_0-7	Total/NA	Solid	6020B	1066975
460-336467-6	1A_7-14	Total/NA	Solid	6020B	1066975
460-336467-7	1B_0-7	Total/NA	Solid	6020B	1066975
460-336467-8	1B_7-14	Total/NA	Solid	6020B	1066975
460-336467-9	1C_0-7	Total/NA	Solid	6020B	1066975

Metals (Continued)

Analysis Batch: 1067133 (Continued)

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
460-336467-10	1C_7-14	Total/NA	Solid	6020B	1066975
460-336467-11	1D_0-7	Total/NA	Solid	6020B	1066975
460-336467-12	1D_7-14	Total/NA	Solid	6020B	1066975
460-336467-13	1E_0-7	Total/NA	Solid	6020B	1066975
460-336467-14	1E_7-14	Total/NA	Solid	6020B	1066975
460-336467-15	1F_0-7	Total/NA	Solid	6020B	1066975
460-336467-16	1F_7-14	Total/NA	Solid	6020B	1066975
460-336467-17	1G_0-7	Total/NA	Solid	6020B	1066975
460-336467-18	1G_7-14	Total/NA	Solid	6020B	1066975
460-336467-19	1H_0-7	Total/NA	Solid	6020B	1066975
460-336467-20	1H_7-14	Total/NA	Solid	6020B	1066975
MB 460-1066975/1-A	Method Blank	Total/NA	Solid	6020B	1066975
LCSSRM 460-1066975/2-A	Lab Control Sample	Total/NA	Solid	6020B	1066975
460-336467-20 MS	1H_7-14	Total/NA	Solid	6020B	1066975
460-336467-20 DU	1H_7-14	Total/NA	Solid	6020B	1066975

Prep Batch: 1067896

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
460-336467-1	2A_0-6	Total/NA	Solid	7471B	
460-336467-2	2A_6-12	Total/NA	Solid	7471B	
460-336467-3	2B_0-6	Total/NA	Solid	7471B	
460-336467-4	2B_6-12	Total/NA	Solid	7471B	
460-336467-5	1A_0-7	Total/NA	Solid	7471B	
460-336467-6	1A_7-14	Total/NA	Solid	7471B	
460-336467-7	1B_0-7	Total/NA	Solid	7471B	
460-336467-8	1B_7-14	Total/NA	Solid	7471B	
460-336467-9	1C_0-7	Total/NA	Solid	7471B	
460-336467-10	1C_7-14	Total/NA	Solid	7471B	
460-336467-11	1D_0-7	Total/NA	Solid	7471B	
460-336467-12	1D_7-14	Total/NA	Solid	7471B	
460-336467-13	1E_0-7	Total/NA	Solid	7471B	
460-336467-14	1E_7-14	Total/NA	Solid	7471B	
460-336467-15	1F_0-7	Total/NA	Solid	7471B	
460-336467-16	1F_7-14	Total/NA	Solid	7471B	
460-336467-17	1G_0-7	Total/NA	Solid	7471B	
460-336467-18	1G_7-14	Total/NA	Solid	7471B	
460-336467-19	1H_0-7	Total/NA	Solid	7471B	
460-336467-20	1H_7-14	Total/NA	Solid	7471B	
MB 460-1067896/1-A	Method Blank	Total/NA	Solid	7471B	
LCSSRM 460-1067896/2-A	Lab Control Sample	Total/NA	Solid	7471B	
460-336467-18 MS	1G_7-14	Total/NA	Solid	7471B	
460-336467-18 DU	1G_7-14	Total/NA	Solid	7471B	

Analysis Batch: 1068017

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
460-336467-1	2A_0-6	Total/NA	Solid	7471B	1067896
460-336467-2	2A_6-12	Total/NA	Solid	7471B	1067896
460-336467-3	2B_0-6	Total/NA	Solid	7471B	1067896
460-336467-4	2B_6-12	Total/NA	Solid	7471B	1067896
460-336467-5	1A_0-7	Total/NA	Solid	7471B	1067896
460-336467-6	1A_7-14	Total/NA	Solid	7471B	1067896

Metals (Continued)

Analysis Batch: 1068017 (Continued)

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
460-336467-7	1B_0-7	Total/NA	Solid	7471B	1067896
460-336467-8	1B_7-14	Total/NA	Solid	7471B	1067896
460-336467-9	1C_0-7	Total/NA	Solid	7471B	1067896
460-336467-10	1C_7-14	Total/NA	Solid	7471B	1067896
460-336467-11	1D_0-7	Total/NA	Solid	7471B	1067896
460-336467-12	1D_7-14	Total/NA	Solid	7471B	1067896
460-336467-13	1E_0-7	Total/NA	Solid	7471B	1067896
460-336467-14	1E_7-14	Total/NA	Solid	7471B	1067896
460-336467-15	1F_0-7	Total/NA	Solid	7471B	1067896
460-336467-16	1F_7-14	Total/NA	Solid	7471B	1067896
460-336467-17	1G_0-7	Total/NA	Solid	7471B	1067896
460-336467-18	1G_7-14	Total/NA	Solid	7471B	1067896
460-336467-19	1H_0-7	Total/NA	Solid	7471B	1067896
460-336467-20	1H_7-14	Total/NA	Solid	7471B	1067896
MB 460-1067896/1-A	Method Blank	Total/NA	Solid	7471B	1067896
LCSSRM 460-1067896/2-A	Lab Control Sample	Total/NA	Solid	7471B	1067896
460-336467-18 MS	1G_7-14	Total/NA	Solid	7471B	1067896
460-336467-18 DU	1G_7-14	Total/NA	Solid	7471B	1067896

General Chemistry

Analysis Batch: 1066571

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
460-336467-1	2A_0-6	Total/NA	Solid	Moisture	
460-336467-2	2A_6-12	Total/NA	Solid	Moisture	
460-336467-3	2B_0-6	Total/NA	Solid	Moisture	
460-336467-4	2B_6-12	Total/NA	Solid	Moisture	
460-336467-5	1A_0-7	Total/NA	Solid	Moisture	
460-336467-6	1A_7-14	Total/NA	Solid	Moisture	
460-336467-7	1B_0-7	Total/NA	Solid	Moisture	
460-336467-8	1B_7-14	Total/NA	Solid	Moisture	
460-336467-9	1C_0-7	Total/NA	Solid	Moisture	
460-336467-10	1C_7-14	Total/NA	Solid	Moisture	
460-336467-11	1D_0-7	Total/NA	Solid	Moisture	
460-336467-12	1D_7-14	Total/NA	Solid	Moisture	
460-336467-13	1E_0-7	Total/NA	Solid	Moisture	
460-336467-14	1E_7-14	Total/NA	Solid	Moisture	
460-336467-15	1F_0-7	Total/NA	Solid	Moisture	
460-336467-16	1F_7-14	Total/NA	Solid	Moisture	
460-336467-17	1G_0-7	Total/NA	Solid	Moisture	
460-336467-18	1G_7-14	Total/NA	Solid	Moisture	
460-336467-19	1H_0-7	Total/NA	Solid	Moisture	
460-336467-20	1H_7-14	Total/NA	Solid	Moisture	
460-336467-3 DU	2B_0-6	Total/NA	Solid	Moisture	

Analysis Batch: 1067127

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
460-336467-21	2A1_1-2	Total/NA	Solid	Moisture	
460-336467-22	2A2_3-4	Total/NA	Solid	Moisture	
460-336467-23	2A3_4-5	Total/NA	Solid	Moisture	
460-336467-24	2A1_6-7	Total/NA	Solid	Moisture	

General Chemistry (Continued)

Analysis Batch: 1067127 (Continued)

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
460-336467-25	2A2_8-9	Total/NA	Solid	Moisture	
460-336467-26	2A3_10-11	Total/NA	Solid	Moisture	
460-336467-27	2A1_11-12	Total/NA	Solid	Moisture	
460-336467-28	2B1_1-2	Total/NA	Solid	Moisture	
460-336467-29	2B2_2-3	Total/NA	Solid	Moisture	
460-336467-30	2B3_4-5	Total/NA	Solid	Moisture	
460-336467-31	2B1_6-7	Total/NA	Solid	Moisture	
460-336467-32	2B2_8-9	Total/NA	Solid	Moisture	
460-336467-33	2B3_9-10	Total/NA	Solid	Moisture	
460-336467-34	2B1_10-11	Total/NA	Solid	Moisture	
460-336467-35	1A1_1-2	Total/NA	Solid	Moisture	
460-336467-36	1A2_3-4	Total/NA	Solid	Moisture	
460-336467-37	1A3_4-5	Total/NA	Solid	Moisture	
460-336467-38	1A1_6-7	Total/NA	Solid	Moisture	
460-336467-39	1A2_8-9	Total/NA	Solid	Moisture	
460-336467-40	1A3_10-11	Total/NA	Solid	Moisture	
460-336467-41	1A1_12-13	Total/NA	Solid	Moisture	
460-336467-42	1B1_1-2	Total/NA	Solid	Moisture	
460-336467-43	1B2_3-4	Total/NA	Solid	Moisture	
460-336467-44	1B3_4-5	Total/NA	Solid	Moisture	
460-336467-45	1B1_6-7	Total/NA	Solid	Moisture	
460-336467-46	1B2_8-9	Total/NA	Solid	Moisture	
460-336467-47	1B3_9-10	Total/NA	Solid	Moisture	
460-336467-48	1B1_10-11	Total/NA	Solid	Moisture	
460-336467-49	1C1_2-3	Total/NA	Solid	Moisture	
460-336467-50	1C2_3-4	Total/NA	Solid	Moisture	
460-336467-31 DU	2B1_6-7	Total/NA	Solid	Moisture	

Analysis Batch: 1067128

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
460-336467-51	1C3_5-6	Total/NA	Solid	Moisture	
460-336467-52	1C1_6-7	Total/NA	Solid	Moisture	
460-336467-53	1C2_8-9	Total/NA	Solid	Moisture	
460-336467-54	1C3_10-11	Total/NA	Solid	Moisture	
460-336467-55	1C1_11-12	Total/NA	Solid	Moisture	
460-336467-56	1D1_1-2	Total/NA	Solid	Moisture	
460-336467-57	1D2_2-3	Total/NA	Solid	Moisture	
460-336467-58	1D3_4-5	Total/NA	Solid	Moisture	
460-336467-59	1D1_6-7	Total/NA	Solid	Moisture	
455-2599-A-7 MS	Matrix Spike	Total/NA	Solid	Moisture	
455-2599-A-7 MSD	Matrix Spike Duplicate	Total/NA	Solid	Moisture	
460-336467-51 DU	1C3_5-6	Total/NA	Solid	Moisture	

Analysis Batch: 1067189

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
460-336467-60	1D2_7-8	Total/NA	Solid	Moisture	
460-336467-61	1D3_9-10	Total/NA	Solid	Moisture	
460-336467-62	1D1_13-14	Total/NA	Solid	Moisture	
460-336467-63	1E1_1-2	Total/NA	Solid	Moisture	
460-336467-64	1E2_3-4	Total/NA	Solid	Moisture	
460-336467-65	1E3_4-5	Total/NA	Solid	Moisture	

General Chemistry (Continued)

Analysis Batch: 1067189 (Continued)

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
460-336467-66	1E1_6-7	Total/NA	Solid	Moisture	
460-336467-67	1E2_8-9	Total/NA	Solid	Moisture	
460-336467-68	1E3_10-11	Total/NA	Solid	Moisture	
460-336437-D-17 DU	Duplicate	Total/NA	Solid	Moisture	

Analysis Batch: 1067190

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
460-336467-69	1E2_13-14	Total/NA	Solid	Moisture	
460-336467-70	1F1_2-3	Total/NA	Solid	Moisture	
460-336467-71	1F2_4-5	Total/NA	Solid	Moisture	
460-336467-72	1F3_5-6	Total/NA	Solid	Moisture	
460-336467-73	1F1_7-8	Total/NA	Solid	Moisture	
460-336467-74	1F2_8-9	Total/NA	Solid	Moisture	
460-336467-75	1F3_10-11	Total/NA	Solid	Moisture	
460-336467-76	1F1_12-13	Total/NA	Solid	Moisture	
460-336467-77	1G1_1-2	Total/NA	Solid	Moisture	
460-336467-78	1G2_2-3	Total/NA	Solid	Moisture	
460-336467-79	1G3_4-5	Total/NA	Solid	Moisture	
460-336467-80	1G1_5-6	Total/NA	Solid	Moisture	
460-336467-81	1G2_8-9	Total/NA	Solid	Moisture	
460-336467-82	1G3_9-10	Total/NA	Solid	Moisture	
460-336467-83	1G2_12-13	Total/NA	Solid	Moisture	
460-336467-84	1H1_1-2	Total/NA	Solid	Moisture	
460-336467-85	1H2_3-4	Total/NA	Solid	Moisture	
460-336467-86	1H3_4-5	Total/NA	Solid	Moisture	
460-336467-87	1H1_6-7	Total/NA	Solid	Moisture	
460-336467-88	1H2_8-9	Total/NA	Solid	Moisture	
460-336467-89	1H3_9-10	Total/NA	Solid	Moisture	
460-336467-90	1H1_11-12	Total/NA	Solid	Moisture	
460-336467-69 DU	1E2_13-14	Total/NA	Solid	Moisture	
460-336467-89 DU	1H3_9-10	Total/NA	Solid	Moisture	

Lab Chronicle

Client: Haley & Aldrich, Inc.
Project/Site: Former Port Mobil

Job ID: 460-336467-1

Client Sample ID: 2A_0-6
Date Collected: 10/03/25 08:00
Date Received: 10/03/25 16:15

Lab Sample ID: 460-336467-1
Matrix: Solid

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Analysis	Moisture		1	1066571	CJC	EET EDI	10/07/25 16:17

Client Sample ID: 2A_0-6
Date Collected: 10/03/25 08:00
Date Received: 10/03/25 16:15

Lab Sample ID: 460-336467-1
Matrix: Solid
Percent Solids: 96.2

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Prep	3546			1066372	GXY	EET EDI	10/06/25 21:57
Total/NA	Analysis	8270E		1	1066501	MDJ	EET EDI	10/07/25 19:50
Total/NA	Prep	3546			1066251	OTS	EET EDI	10/06/25 10:37
Total/NA	Analysis	8081B		1	1066396	FAM	EET EDI	10/07/25 07:22
Total/NA	Prep	3546			1066250	OTS	EET EDI	10/06/25 10:33
Total/NA	Analysis	8082A		1	1066555	AAA	EET EDI	10/07/25 20:00
Total/NA	Prep	1633A Shake			710918	D5RZ	ELLE	10/08/25 14:09
Total/NA	Analysis	1633A		1	710788	P7EB	ELLE	10/09/25 15:36
Total/NA	Prep	3050B			1066975	FBT	EET EDI	10/09/25 07:08
Total/NA	Analysis	6020B		1	1067133	CDC	EET EDI	10/09/25 16:52
Total/NA	Prep	7471B			1067896	FBT	EET EDI	10/13/25 07:47
Total/NA	Analysis	7471B		1	1068017	LBD	EET EDI	10/13/25 14:48

Client Sample ID: 2A_6-12
Date Collected: 10/03/25 08:05
Date Received: 10/03/25 16:15

Lab Sample ID: 460-336467-2
Matrix: Solid

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Analysis	Moisture		1	1066571	CJC	EET EDI	10/07/25 16:17

Client Sample ID: 2A_6-12
Date Collected: 10/03/25 08:05
Date Received: 10/03/25 16:15

Lab Sample ID: 460-336467-2
Matrix: Solid
Percent Solids: 95.0

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Prep	3546			1066372	GXY	EET EDI	10/06/25 21:57
Total/NA	Analysis	8270E		1	1066501	MDJ	EET EDI	10/07/25 19:27
Total/NA	Prep	3546			1066251	OTS	EET EDI	10/06/25 10:37
Total/NA	Analysis	8081B		1	1066396	FAM	EET EDI	10/07/25 08:02
Total/NA	Prep	3546			1066250	OTS	EET EDI	10/06/25 10:33
Total/NA	Analysis	8082A		1	1066555	AAA	EET EDI	10/07/25 20:16
Total/NA	Prep	1633A Shake			710918	D5RZ	ELLE	10/08/25 14:09
Total/NA	Analysis	1633A		1	710788	P7EB	ELLE	10/09/25 15:49
Total/NA	Prep	3050B			1066975	FBT	EET EDI	10/09/25 07:08
Total/NA	Analysis	6020B		1	1067133	CDC	EET EDI	10/09/25 16:55
Total/NA	Prep	7471B			1067896	FBT	EET EDI	10/13/25 07:47
Total/NA	Analysis	7471B		1	1068017	LBD	EET EDI	10/13/25 14:51

Lab Chronicle

Client: Haley & Aldrich, Inc.
Project/Site: Former Port Mobil

Job ID: 460-336467-1

Client Sample ID: 2B_0-6
Date Collected: 10/03/25 08:10
Date Received: 10/03/25 16:15

Lab Sample ID: 460-336467-3
Matrix: Solid

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Analysis	Moisture		1	1066571	CJC	EET EDI	10/07/25 16:17

Client Sample ID: 2B_0-6
Date Collected: 10/03/25 08:10
Date Received: 10/03/25 16:15

Lab Sample ID: 460-336467-3
Matrix: Solid
Percent Solids: 96.3

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Prep	3546			1066372	GXY	EET EDI	10/06/25 21:57
Total/NA	Analysis	8270E		1	1066501	MDJ	EET EDI	10/07/25 15:36
Total/NA	Prep	3546			1066251	OTS	EET EDI	10/06/25 10:37
Total/NA	Analysis	8081B		1	1066396	FAM	EET EDI	10/07/25 08:15
Total/NA	Prep	3546			1066250	OTS	EET EDI	10/06/25 10:33
Total/NA	Analysis	8082A		1	1066555	AAA	EET EDI	10/07/25 20:34
Total/NA	Prep	1633A Shake			710918	D5RZ	ELLE	10/08/25 14:09
Total/NA	Analysis	1633A		1	710788	P7EB	ELLE	10/09/25 16:03
Total/NA	Prep	3050B			1066975	FBT	EET EDI	10/09/25 07:08
Total/NA	Analysis	6020B		1	1067133	CDC	EET EDI	10/09/25 16:58
Total/NA	Prep	7471B			1067896	FBT	EET EDI	10/13/25 07:47
Total/NA	Analysis	7471B		1	1068017	LBD	EET EDI	10/13/25 14:54

Client Sample ID: 2B_6-12
Date Collected: 10/03/25 08:15
Date Received: 10/03/25 16:15

Lab Sample ID: 460-336467-4
Matrix: Solid

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Analysis	Moisture		1	1066571	CJC	EET EDI	10/07/25 16:17

Client Sample ID: 2B_6-12
Date Collected: 10/03/25 08:15
Date Received: 10/03/25 16:15

Lab Sample ID: 460-336467-4
Matrix: Solid
Percent Solids: 95.1

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Prep	3546			1066372	GXY	EET EDI	10/06/25 21:57
Total/NA	Analysis	8270E		1	1066501	MDJ	EET EDI	10/07/25 15:59
Total/NA	Prep	3546			1066251	OTS	EET EDI	10/06/25 10:37
Total/NA	Analysis	8081B		1	1066396	FAM	EET EDI	10/07/25 08:28
Total/NA	Prep	3546			1066250	OTS	EET EDI	10/06/25 10:33
Total/NA	Analysis	8082A		1	1066555	AAA	EET EDI	10/07/25 20:50
Total/NA	Prep	1633A Shake			710918	D5RZ	ELLE	10/08/25 14:09
Total/NA	Analysis	1633A		1	710788	P7EB	ELLE	10/09/25 16:16
Total/NA	Prep	3050B			1066975	FBT	EET EDI	10/09/25 07:08
Total/NA	Analysis	6020B		1	1067133	CDC	EET EDI	10/09/25 17:07
Total/NA	Prep	7471B			1067896	FBT	EET EDI	10/13/25 07:47
Total/NA	Analysis	7471B		1	1068017	LBD	EET EDI	10/13/25 14:57

Client Sample ID: 1A_0-7
Date Collected: 10/03/25 08:20
Date Received: 10/03/25 16:15

Lab Sample ID: 460-336467-5
Matrix: Solid

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Analysis	Moisture		1	1066571	CJC	EET EDI	10/07/25 16:17

Client Sample ID: 1A_0-7
Date Collected: 10/03/25 08:20
Date Received: 10/03/25 16:15

Lab Sample ID: 460-336467-5
Matrix: Solid
Percent Solids: 97.6

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Prep	3546			1066372	GXY	EET EDI	10/06/25 21:57
Total/NA	Analysis	8270E		1	1066501	MDJ	EET EDI	10/07/25 16:22
Total/NA	Prep	3546			1066251	OTS	EET EDI	10/06/25 10:37
Total/NA	Analysis	8081B		1	1066396	FAM	EET EDI	10/07/25 08:41
Total/NA	Prep	3546			1066250	OTS	EET EDI	10/06/25 10:33
Total/NA	Analysis	8082A		1	1066555	AAA	EET EDI	10/07/25 21:07
Total/NA	Prep	1633A Shake			710918	D5RZ	ELLE	10/08/25 14:09
Total/NA	Analysis	1633A		1	710788	P7EB	ELLE	10/09/25 16:30
Total/NA	Prep	3050B			1066975	FBT	EET EDI	10/09/25 07:08
Total/NA	Analysis	6020B		1	1067133	CDC	EET EDI	10/09/25 17:10
Total/NA	Prep	7471B			1067896	FBT	EET EDI	10/13/25 07:47
Total/NA	Analysis	7471B		1	1068017	LBD	EET EDI	10/13/25 15:00

Client Sample ID: 1A_7-14
Date Collected: 10/03/25 08:25
Date Received: 10/03/25 16:15

Lab Sample ID: 460-336467-6
Matrix: Solid

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Analysis	Moisture		1	1066571	CJC	EET EDI	10/07/25 16:17

Client Sample ID: 1A_7-14
Date Collected: 10/03/25 08:25
Date Received: 10/03/25 16:15

Lab Sample ID: 460-336467-6
Matrix: Solid
Percent Solids: 93.5

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Prep	3546			1066372	GXY	EET EDI	10/06/25 21:57
Total/NA	Analysis	8270E		1	1066501	MDJ	EET EDI	10/07/25 12:31
Total/NA	Prep	3546			1066251	OTS	EET EDI	10/06/25 10:37
Total/NA	Analysis	8081B		1	1066396	FAM	EET EDI	10/07/25 08:54
Total/NA	Prep	3546			1066250	OTS	EET EDI	10/06/25 10:33
Total/NA	Analysis	8082A		1	1066555	AAA	EET EDI	10/07/25 21:23
Total/NA	Prep	1633A Shake			710918	D5RZ	ELLE	10/08/25 14:09
Total/NA	Analysis	1633A		1	710788	P7EB	ELLE	10/09/25 16:43
Total/NA	Prep	3050B			1066975	FBT	EET EDI	10/09/25 07:08
Total/NA	Analysis	6020B		1	1067133	CDC	EET EDI	10/09/25 17:12
Total/NA	Prep	7471B			1067896	FBT	EET EDI	10/13/25 07:47
Total/NA	Analysis	7471B		1	1068017	LBD	EET EDI	10/13/25 15:02

Lab Chronicle

Client: Haley & Aldrich, Inc.
Project/Site: Former Port Mobil

Job ID: 460-336467-1

Client Sample ID: 1B_0-7
Date Collected: 10/03/25 08:30
Date Received: 10/03/25 16:15

Lab Sample ID: 460-336467-7
Matrix: Solid

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Analysis	Moisture		1	1066571	CJC	EET EDI	10/07/25 16:17

Client Sample ID: 1B_0-7
Date Collected: 10/03/25 08:30
Date Received: 10/03/25 16:15

Lab Sample ID: 460-336467-7
Matrix: Solid
Percent Solids: 92.7

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Prep	3546			1066372	GXY	EET EDI	10/06/25 21:57
Total/NA	Analysis	8270E		1	1066501	MDJ	EET EDI	10/07/25 12:54
Total/NA	Prep	3546			1066251	OTS	EET EDI	10/06/25 10:37
Total/NA	Analysis	8081B		1	1066396	FAM	EET EDI	10/07/25 09:07
Total/NA	Prep	3546			1066250	OTS	EET EDI	10/06/25 10:33
Total/NA	Analysis	8082A		1	1066555	AAA	EET EDI	10/07/25 21:41
Total/NA	Prep	1633A Shake			710918	D5RZ	ELLE	10/08/25 14:09
Total/NA	Analysis	1633A		1	710788	P7EB	ELLE	10/09/25 19:40
Total/NA	Prep	3050B			1066975	FBT	EET EDI	10/09/25 07:08
Total/NA	Analysis	6020B		1	1067133	CDC	EET EDI	10/09/25 17:15
Total/NA	Prep	7471B			1067896	FBT	EET EDI	10/13/25 07:47
Total/NA	Analysis	7471B		1	1068017	LBD	EET EDI	10/13/25 15:05

Client Sample ID: 1B_7-14
Date Collected: 10/03/25 08:35
Date Received: 10/03/25 16:15

Lab Sample ID: 460-336467-8
Matrix: Solid

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Analysis	Moisture		1	1066571	CJC	EET EDI	10/07/25 16:17

Client Sample ID: 1B_7-14
Date Collected: 10/03/25 08:35
Date Received: 10/03/25 16:15

Lab Sample ID: 460-336467-8
Matrix: Solid
Percent Solids: 93.7

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Prep	3546			1066372	GXY	EET EDI	10/06/25 21:57
Total/NA	Analysis	8270E		1	1066501	MDJ	EET EDI	10/07/25 16:45
Total/NA	Prep	3546			1066251	OTS	EET EDI	10/06/25 10:37
Total/NA	Analysis	8081B		1	1066396	FAM	EET EDI	10/07/25 09:20
Total/NA	Prep	3546			1066250	OTS	EET EDI	10/06/25 10:33
Total/NA	Analysis	8082A		1	1066555	AAA	EET EDI	10/07/25 21:57
Total/NA	Prep	1633A Shake			710918	D5RZ	ELLE	10/08/25 14:09
Total/NA	Analysis	1633A		1	710788	P7EB	ELLE	10/09/25 17:11
Total/NA	Prep	3050B			1066975	FBT	EET EDI	10/09/25 07:08
Total/NA	Analysis	6020B		1	1067133	CDC	EET EDI	10/09/25 17:18
Total/NA	Prep	7471B			1067896	FBT	EET EDI	10/13/25 07:47
Total/NA	Analysis	7471B		1	1068017	LBD	EET EDI	10/13/25 15:08

Lab Chronicle

Client: Haley & Aldrich, Inc.
Project/Site: Former Port Mobil

Job ID: 460-336467-1

Client Sample ID: 1C_0-7
Date Collected: 10/03/25 08:40
Date Received: 10/03/25 16:15

Lab Sample ID: 460-336467-9
Matrix: Solid

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Analysis	Moisture		1	1066571	CJC	EET EDI	10/07/25 16:17

Client Sample ID: 1C_0-7
Date Collected: 10/03/25 08:40
Date Received: 10/03/25 16:15

Lab Sample ID: 460-336467-9
Matrix: Solid
Percent Solids: 95.5

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Prep	3546			1066372	GXY	EET EDI	10/06/25 21:57
Total/NA	Analysis	8270E		1	1066501	MDJ	EET EDI	10/07/25 17:08
Total/NA	Prep	3546			1066251	OTS	EET EDI	10/06/25 10:37
Total/NA	Analysis	8081B		1	1066396	FAM	EET EDI	10/07/25 09:33
Total/NA	Prep	3546			1066250	OTS	EET EDI	10/06/25 10:33
Total/NA	Analysis	8082A		1	1066555	AAA	EET EDI	10/07/25 22:14
Total/NA	Prep	1633A Shake			710918	D5RZ	ELLE	10/08/25 14:09
Total/NA	Analysis	1633A		1	710788	P7EB	ELLE	10/09/25 17:24
Total/NA	Prep	3050B			1066975	FBT	EET EDI	10/09/25 07:08
Total/NA	Analysis	6020B		1	1067133	CDC	EET EDI	10/09/25 17:21
Total/NA	Prep	7471B			1067896	FBT	EET EDI	10/13/25 07:47
Total/NA	Analysis	7471B		1	1068017	LBD	EET EDI	10/13/25 15:17

Client Sample ID: 1C_7-14
Date Collected: 10/03/25 08:45
Date Received: 10/03/25 16:15

Lab Sample ID: 460-336467-10
Matrix: Solid

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Analysis	Moisture		1	1066571	CJC	EET EDI	10/07/25 16:17

Client Sample ID: 1C_7-14
Date Collected: 10/03/25 08:45
Date Received: 10/03/25 16:15

Lab Sample ID: 460-336467-10
Matrix: Solid
Percent Solids: 93.1

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Prep	3546			1066372	GXY	EET EDI	10/06/25 21:57
Total/NA	Analysis	8270E		1	1066501	MDJ	EET EDI	10/07/25 17:31
Total/NA	Prep	3546			1066251	OTS	EET EDI	10/06/25 10:37
Total/NA	Analysis	8081B		1	1066396	FAM	EET EDI	10/07/25 09:46
Total/NA	Prep	3546			1066250	OTS	EET EDI	10/06/25 10:33
Total/NA	Analysis	8082A		1	1066555	AAA	EET EDI	10/07/25 22:31
Total/NA	Prep	1633A Shake			710918	D5RZ	ELLE	10/08/25 14:09
Total/NA	Analysis	1633A		1	710788	P7EB	ELLE	10/09/25 17:38
Total/NA	Prep	3050B			1066975	FBT	EET EDI	10/09/25 07:08
Total/NA	Analysis	6020B		1	1067133	CDC	EET EDI	10/09/25 17:24
Total/NA	Prep	7471B			1067896	FBT	EET EDI	10/13/25 07:47
Total/NA	Analysis	7471B		1	1068017	LBD	EET EDI	10/13/25 15:20

Lab Chronicle

Client: Haley & Aldrich, Inc.
Project/Site: Former Port Mobil

Job ID: 460-336467-1

Client Sample ID: 1D_0-7
Date Collected: 10/03/25 08:50
Date Received: 10/03/25 16:15

Lab Sample ID: 460-336467-11
Matrix: Solid

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Analysis	Moisture		1	1066571	CJC	EET EDI	10/07/25 16:17

Client Sample ID: 1D_0-7
Date Collected: 10/03/25 08:50
Date Received: 10/03/25 16:15

Lab Sample ID: 460-336467-11
Matrix: Solid
Percent Solids: 91.7

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Prep	3546			1066372	GXY	EET EDI	10/06/25 21:57
Total/NA	Analysis	8270E		1	1066501	MDJ	EET EDI	10/07/25 17:55
Total/NA	Prep	3546			1066251	OTS	EET EDI	10/06/25 10:37
Total/NA	Analysis	8081B		1	1066396	FAM	EET EDI	10/07/25 09:59
Total/NA	Prep	3546			1066250	OTS	EET EDI	10/06/25 10:33
Total/NA	Analysis	8082A		1	1066555	AAA	EET EDI	10/07/25 22:47
Total/NA	Prep	1633A Shake			710918	D5RZ	ELLE	10/08/25 14:09
Total/NA	Analysis	1633A		1	710788	P7EB	ELLE	10/09/25 18:19
Total/NA	Prep	3050B			1066975	FBT	EET EDI	10/09/25 07:08
Total/NA	Analysis	6020B		1	1067133	CDC	EET EDI	10/09/25 17:27
Total/NA	Prep	7471B			1067896	FBT	EET EDI	10/13/25 07:47
Total/NA	Analysis	7471B		1	1068017	LBD	EET EDI	10/13/25 15:23

Client Sample ID: 1D_7-14
Date Collected: 10/03/25 08:55
Date Received: 10/03/25 16:15

Lab Sample ID: 460-336467-12
Matrix: Solid

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Analysis	Moisture		1	1066571	CJC	EET EDI	10/07/25 16:17

Client Sample ID: 1D_7-14
Date Collected: 10/03/25 08:55
Date Received: 10/03/25 16:15

Lab Sample ID: 460-336467-12
Matrix: Solid
Percent Solids: 89.9

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Prep	3546			1066372	GXY	EET EDI	10/06/25 21:57
Total/NA	Analysis	8270E		1	1066501	MDJ	EET EDI	10/07/25 13:17
Total/NA	Prep	3546			1066251	OTS	EET EDI	10/06/25 10:37
Total/NA	Analysis	8081B		1	1066396	FAM	EET EDI	10/07/25 10:12
Total/NA	Prep	3546			1066250	OTS	EET EDI	10/06/25 10:33
Total/NA	Analysis	8082A		1	1066555	AAA	EET EDI	10/07/25 23:04
Total/NA	Prep	1633A Shake			710918	D5RZ	ELLE	10/08/25 14:09
Total/NA	Analysis	1633A		1	710788	P7EB	ELLE	10/09/25 18:32
Total/NA	Prep	3050B			1066975	FBT	EET EDI	10/09/25 07:08
Total/NA	Analysis	6020B		1	1067133	CDC	EET EDI	10/09/25 17:30
Total/NA	Prep	7471B			1067896	FBT	EET EDI	10/13/25 07:47
Total/NA	Analysis	7471B		1	1068017	LBD	EET EDI	10/13/25 15:26

Client Sample ID: 1E_0-7
Date Collected: 10/03/25 09:00
Date Received: 10/03/25 16:15

Lab Sample ID: 460-336467-13
Matrix: Solid

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Analysis	Moisture		1	1066571	CJC	EET EDI	10/07/25 16:17

Client Sample ID: 1E_0-7
Date Collected: 10/03/25 09:00
Date Received: 10/03/25 16:15

Lab Sample ID: 460-336467-13
Matrix: Solid
Percent Solids: 92.6

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Prep	3546			1066372	GXY	EET EDI	10/06/25 21:57
Total/NA	Analysis	8270E		1	1066501	MDJ	EET EDI	10/07/25 13:40
Total/NA	Prep	3546			1066251	OTS	EET EDI	10/06/25 10:37
Total/NA	Analysis	8081B		1	1066396	FAM	EET EDI	10/07/25 10:25
Total/NA	Prep	3546			1066250	OTS	EET EDI	10/06/25 10:33
Total/NA	Analysis	8082A		1	1066555	AAA	EET EDI	10/07/25 23:20
Total/NA	Prep	1633A Shake			710918	D5RZ	ELLE	10/08/25 14:10
Total/NA	Analysis	1633A		1	710788	P7EB	ELLE	10/09/25 18:46
Total/NA	Prep	3050B			1066975	FBT	EET EDI	10/09/25 07:08
Total/NA	Analysis	6020B		1	1067133	CDC	EET EDI	10/09/25 17:33
Total/NA	Prep	7471B			1067896	FBT	EET EDI	10/13/25 07:47
Total/NA	Analysis	7471B		1	1068017	LBD	EET EDI	10/13/25 15:28

Client Sample ID: 1E_7-14
Date Collected: 10/03/25 09:05
Date Received: 10/03/25 16:15

Lab Sample ID: 460-336467-14
Matrix: Solid

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Analysis	Moisture		1	1066571	CJC	EET EDI	10/07/25 16:17

Client Sample ID: 1E_7-14
Date Collected: 10/03/25 09:05
Date Received: 10/03/25 16:15

Lab Sample ID: 460-336467-14
Matrix: Solid
Percent Solids: 85.0

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Prep	3546			1066372	GXY	EET EDI	10/06/25 21:57
Total/NA	Analysis	8270E		1	1066501	MDJ	EET EDI	10/07/25 14:03
Total/NA	Prep	3546			1066251	OTS	EET EDI	10/06/25 10:37
Total/NA	Analysis	8081B		1	1066396	FAM	EET EDI	10/07/25 10:38
Total/NA	Prep	3546			1066250	OTS	EET EDI	10/06/25 10:33
Total/NA	Analysis	8082A		1	1066555	AAA	EET EDI	10/07/25 23:37
Total/NA	Prep	1633A Shake			710918	D5RZ	ELLE	10/08/25 14:10
Total/NA	Analysis	1633A		1	710788	P7EB	ELLE	10/09/25 18:59
Total/NA	Prep	3050B			1066975	FBT	EET EDI	10/09/25 07:08
Total/NA	Analysis	6020B		1	1067133	CDC	EET EDI	10/09/25 17:41
Total/NA	Prep	7471B			1067896	FBT	EET EDI	10/13/25 07:47
Total/NA	Analysis	7471B		1	1068017	LBD	EET EDI	10/13/25 15:31

Client Sample ID: 1F_0-7
Date Collected: 10/03/25 09:10
Date Received: 10/03/25 16:15

Lab Sample ID: 460-336467-15
Matrix: Solid

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Analysis	Moisture		1	1066571	CJC	EET EDI	10/07/25 16:17

Client Sample ID: 1F_0-7
Date Collected: 10/03/25 09:10
Date Received: 10/03/25 16:15

Lab Sample ID: 460-336467-15
Matrix: Solid
Percent Solids: 94.8

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Prep	3546			1066372	GXY	EET EDI	10/06/25 21:57
Total/NA	Analysis	8270E		1	1066501	MDJ	EET EDI	10/07/25 14:27
Total/NA	Prep	3546			1066251	OTS	EET EDI	10/06/25 10:37
Total/NA	Analysis	8081B		1	1066396	FAM	EET EDI	10/07/25 10:51
Total/NA	Prep	3546			1066250	OTS	EET EDI	10/06/25 10:33
Total/NA	Analysis	8082A		1	1066555	AAA	EET EDI	10/07/25 23:54
Total/NA	Prep	1633A Shake			710924	MSH2	ELLE	10/08/25 14:13
Total/NA	Analysis	1633A		1	710788	P7EB	ELLE	10/09/25 05:24
Total/NA	Prep	3050B			1066975	FBT	EET EDI	10/09/25 07:08
Total/NA	Analysis	6020B		1	1067133	CDC	EET EDI	10/09/25 17:44
Total/NA	Prep	7471B			1067896	FBT	EET EDI	10/13/25 07:47
Total/NA	Analysis	7471B		1	1068017	LBD	EET EDI	10/13/25 15:34

Client Sample ID: 1F_7-14
Date Collected: 10/03/25 09:15
Date Received: 10/03/25 16:15

Lab Sample ID: 460-336467-16
Matrix: Solid

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Analysis	Moisture		1	1066571	CJC	EET EDI	10/07/25 16:17

Client Sample ID: 1F_7-14
Date Collected: 10/03/25 09:15
Date Received: 10/03/25 16:15

Lab Sample ID: 460-336467-16
Matrix: Solid
Percent Solids: 92.2

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Prep	3546			1066372	GXY	EET EDI	10/06/25 21:57
Total/NA	Analysis	8270E		1	1066501	MDJ	EET EDI	10/07/25 14:50
Total/NA	Prep	3546			1066251	OTS	EET EDI	10/06/25 10:37
Total/NA	Analysis	8081B		1	1066396	FAM	EET EDI	10/07/25 11:04
Total/NA	Prep	3546			1066250	OTS	EET EDI	10/06/25 10:33
Total/NA	Analysis	8082A		1	1066555	AAA	EET EDI	10/08/25 00:10
Total/NA	Prep	1633A Shake			710924	MSH2	ELLE	10/08/25 14:13
Total/NA	Analysis	1633A		1	710788	P7EB	ELLE	10/09/25 05:37
Total/NA	Prep	3050B			1066975	FBT	EET EDI	10/09/25 07:08
Total/NA	Analysis	6020B		1	1067133	CDC	EET EDI	10/09/25 17:47
Total/NA	Prep	7471B			1067896	FBT	EET EDI	10/13/25 07:47
Total/NA	Analysis	7471B		1	1068017	LBD	EET EDI	10/13/25 15:37

Client Sample ID: 1G_0-7
Date Collected: 10/03/25 09:20
Date Received: 10/03/25 16:15

Lab Sample ID: 460-336467-17
Matrix: Solid

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Analysis	Moisture		1	1066571	CJC	EET EDI	10/07/25 16:17

Client Sample ID: 1G_0-7
Date Collected: 10/03/25 09:20
Date Received: 10/03/25 16:15

Lab Sample ID: 460-336467-17
Matrix: Solid
Percent Solids: 95.7

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Prep	3546			1066372	GXY	EET EDI	10/06/25 21:57
Total/NA	Analysis	8270E		1	1066501	MDJ	EET EDI	10/07/25 18:18
Total/NA	Prep	3546			1066251	OTS	EET EDI	10/06/25 10:37
Total/NA	Analysis	8081B		1	1066396	FAM	EET EDI	10/07/25 11:17
Total/NA	Prep	3546			1066250	OTS	EET EDI	10/06/25 10:33
Total/NA	Analysis	8082A		1	1066555	AAA	EET EDI	10/08/25 00:27
Total/NA	Prep	1633A Shake			710924	MSH2	ELLE	10/08/25 14:13
Total/NA	Analysis	1633A		1	710788	P7EB	ELLE	10/09/25 05:51
Total/NA	Prep	3050B			1066975	FBT	EET EDI	10/09/25 07:08
Total/NA	Analysis	6020B		1	1067133	CDC	EET EDI	10/09/25 17:50
Total/NA	Prep	7471B			1067896	FBT	EET EDI	10/13/25 07:47
Total/NA	Analysis	7471B		1	1068017	LBD	EET EDI	10/13/25 15:40

Client Sample ID: 1G_7-14
Date Collected: 10/03/25 09:25
Date Received: 10/03/25 16:15

Lab Sample ID: 460-336467-18
Matrix: Solid

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Analysis	Moisture		1	1066571	CJC	EET EDI	10/07/25 16:17

Client Sample ID: 1G_7-14
Date Collected: 10/03/25 09:25
Date Received: 10/03/25 16:15

Lab Sample ID: 460-336467-18
Matrix: Solid
Percent Solids: 90.4

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Prep	3546			1066372	GXY	EET EDI	10/06/25 21:57
Total/NA	Analysis	8270E		1	1066501	MDJ	EET EDI	10/07/25 15:13
Total/NA	Prep	3546			1066251	OTS	EET EDI	10/06/25 10:37
Total/NA	Analysis	8081B		1	1066396	FAM	EET EDI	10/07/25 11:30
Total/NA	Prep	3546			1066250	OTS	EET EDI	10/06/25 10:33
Total/NA	Analysis	8082A		1	1066555	AAA	EET EDI	10/08/25 00:44
Total/NA	Prep	1633A Shake			710924	MSH2	ELLE	10/08/25 14:13
Total/NA	Analysis	1633A		1	710788	P7EB	ELLE	10/09/25 06:05
Total/NA	Prep	3050B			1066975	FBT	EET EDI	10/09/25 07:08
Total/NA	Analysis	6020B		1	1067133	CDC	EET EDI	10/09/25 17:53
Total/NA	Prep	7471B			1067896	FBT	EET EDI	10/13/25 07:47
Total/NA	Analysis	7471B		1	1068017	LBD	EET EDI	10/13/25 14:31

Lab Chronicle

Client: Haley & Aldrich, Inc.
Project/Site: Former Port Mobil

Job ID: 460-336467-1

Client Sample ID: 1H_0-7
Date Collected: 10/03/25 09:30
Date Received: 10/03/25 16:15

Lab Sample ID: 460-336467-19
Matrix: Solid

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Analysis	Moisture		1	1066571	CJC	EET EDI	10/07/25 16:17

Client Sample ID: 1H_0-7
Date Collected: 10/03/25 09:30
Date Received: 10/03/25 16:15

Lab Sample ID: 460-336467-19
Matrix: Solid
Percent Solids: 97.2

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Prep	3546			1066372	GXY	EET EDI	10/06/25 21:57
Total/NA	Analysis	8270E		1	1066501	MDJ	EET EDI	10/07/25 18:41
Total/NA	Prep	3546			1066251	OTS	EET EDI	10/06/25 10:37
Total/NA	Analysis	8081B		1	1066396	FAM	EET EDI	10/07/25 11:43
Total/NA	Prep	3546			1066250	OTS	EET EDI	10/06/25 10:33
Total/NA	Analysis	8082A		1	1066555	AAA	EET EDI	10/08/25 01:00
Total/NA	Prep	1633A Shake			710924	MSH2	ELLE	10/08/25 14:13
Total/NA	Analysis	1633A		1	710788	P7EB	ELLE	10/09/25 06:18
Total/NA	Prep	3050B			1066975	FBT	EET EDI	10/09/25 07:08
Total/NA	Analysis	6020B		1	1067133	CDC	EET EDI	10/09/25 17:56
Total/NA	Prep	7471B			1067896	FBT	EET EDI	10/13/25 07:47
Total/NA	Analysis	7471B		1	1068017	LBD	EET EDI	10/13/25 15:43

Client Sample ID: 1H_7-14
Date Collected: 10/03/25 09:35
Date Received: 10/03/25 16:15

Lab Sample ID: 460-336467-20
Matrix: Solid

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Analysis	Moisture		1	1066571	CJC	EET EDI	10/07/25 16:17

Client Sample ID: 1H_7-14
Date Collected: 10/03/25 09:35
Date Received: 10/03/25 16:15

Lab Sample ID: 460-336467-20
Matrix: Solid
Percent Solids: 96.2

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Prep	3546			1066372	GXY	EET EDI	10/06/25 21:57
Total/NA	Analysis	8270E		1	1066501	MDJ	EET EDI	10/07/25 19:04
Total/NA	Prep	3546			1066251	OTS	EET EDI	10/06/25 10:37
Total/NA	Analysis	8081B		1	1066396	FAM	EET EDI	10/07/25 11:56
Total/NA	Prep	3546			1066250	OTS	EET EDI	10/06/25 10:33
Total/NA	Analysis	8082A		1	1066555	AAA	EET EDI	10/08/25 01:17
Total/NA	Prep	1633A Shake			710924	MSH2	ELLE	10/08/25 14:13
Total/NA	Analysis	1633A		1	710788	P7EB	ELLE	10/09/25 06:32
Total/NA	Prep	3050B			1066975	FBT	EET EDI	10/09/25 07:08
Total/NA	Analysis	6020B		1	1067133	CDC	EET EDI	10/09/25 16:47
Total/NA	Prep	7471B			1067896	FBT	EET EDI	10/13/25 07:47
Total/NA	Analysis	7471B		1	1068017	LBD	EET EDI	10/13/25 15:52

Lab Chronicle

Client: Haley & Aldrich, Inc.
Project/Site: Former Port Mobil

Job ID: 460-336467-1

Client Sample ID: 2A1_1-2
Date Collected: 10/03/25 09:40
Date Received: 10/03/25 16:15

Lab Sample ID: 460-336467-21
Matrix: Solid

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Analysis	Moisture		1	1067127	CJC	EET EDI	10/09/25 15:54

Client Sample ID: 2A1_1-2
Date Collected: 10/03/25 09:40
Date Received: 10/03/25 16:15

Lab Sample ID: 460-336467-21
Matrix: Solid
Percent Solids: 97.8

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Prep	5035			1066236	JCZ	EET EDI	10/06/25 09:54
Total/NA	Analysis	8260D		1	1067096	EMM	EET EDI	10/09/25 23:20

Client Sample ID: 2A2_3-4
Date Collected: 10/03/25 09:45
Date Received: 10/03/25 16:15

Lab Sample ID: 460-336467-22
Matrix: Solid

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Analysis	Moisture		1	1067127	CJC	EET EDI	10/09/25 15:54

Client Sample ID: 2A2_3-4
Date Collected: 10/03/25 09:45
Date Received: 10/03/25 16:15

Lab Sample ID: 460-336467-22
Matrix: Solid
Percent Solids: 99.2

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Prep	5035			1066236	JCZ	EET EDI	10/06/25 09:54
Total/NA	Analysis	8260D		1	1067096	EMM	EET EDI	10/09/25 23:44

Client Sample ID: 2A3_4-5
Date Collected: 10/03/25 09:50
Date Received: 10/03/25 16:15

Lab Sample ID: 460-336467-23
Matrix: Solid

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Analysis	Moisture		1	1067127	CJC	EET EDI	10/09/25 15:54

Client Sample ID: 2A3_4-5
Date Collected: 10/03/25 09:50
Date Received: 10/03/25 16:15

Lab Sample ID: 460-336467-23
Matrix: Solid
Percent Solids: 96.9

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Prep	5035			1066236	JCZ	EET EDI	10/06/25 09:55
Total/NA	Analysis	8260D		1	1067096	EMM	EET EDI	10/10/25 00:08

Client Sample ID: 2A1_6-7
Date Collected: 10/03/25 09:55
Date Received: 10/03/25 16:15

Lab Sample ID: 460-336467-24
Matrix: Solid

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Analysis	Moisture		1	1067127	CJC	EET EDI	10/09/25 15:54

Client Sample ID: 2A1_6-7
Date Collected: 10/03/25 09:55
Date Received: 10/03/25 16:15

Lab Sample ID: 460-336467-24
Matrix: Solid
Percent Solids: 97.4

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Prep	5035			1066236	JCZ	EET EDI	10/06/25 09:55
Total/NA	Analysis	8260D		1	1067096	EMM	EET EDI	10/10/25 00:32

Client Sample ID: 2A2_8-9
Date Collected: 10/03/25 10:00
Date Received: 10/03/25 16:15

Lab Sample ID: 460-336467-25
Matrix: Solid

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Analysis	Moisture		1	1067127	CJC	EET EDI	10/09/25 15:54

Client Sample ID: 2A2_8-9
Date Collected: 10/03/25 10:00
Date Received: 10/03/25 16:15

Lab Sample ID: 460-336467-25
Matrix: Solid
Percent Solids: 98.5

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Prep	5035			1066236	JCZ	EET EDI	10/06/25 09:55
Total/NA	Analysis	8260D		1	1067096	EMM	EET EDI	10/10/25 00:56

Client Sample ID: 2A3_10-11
Date Collected: 10/03/25 10:05
Date Received: 10/03/25 16:15

Lab Sample ID: 460-336467-26
Matrix: Solid

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Analysis	Moisture		1	1067127	CJC	EET EDI	10/09/25 15:54

Client Sample ID: 2A3_10-11
Date Collected: 10/03/25 10:05
Date Received: 10/03/25 16:15

Lab Sample ID: 460-336467-26
Matrix: Solid
Percent Solids: 95.6

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Prep	5035			1066236	JCZ	EET EDI	10/06/25 09:56
Total/NA	Analysis	8260D		1	1067096	EMM	EET EDI	10/10/25 01:20

Client Sample ID: 2A1_11-12
Date Collected: 10/03/25 10:10
Date Received: 10/03/25 16:15

Lab Sample ID: 460-336467-27
Matrix: Solid

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Analysis	Moisture		1	1067127	CJC	EET EDI	10/09/25 15:54

Client Sample ID: 2A1_11-12
Date Collected: 10/03/25 10:10
Date Received: 10/03/25 16:15

Lab Sample ID: 460-336467-27
Matrix: Solid
Percent Solids: 93.2

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Prep	5035			1066236	JCZ	EET EDI	10/06/25 09:56
Total/NA	Analysis	8260D		1	1067096	EMM	EET EDI	10/10/25 01:44

Client Sample ID: 2B1_1-2
Date Collected: 10/03/25 10:15
Date Received: 10/03/25 16:15

Lab Sample ID: 460-336467-28
Matrix: Solid

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Analysis	Moisture		1	1067127	CJC	EET EDI	10/09/25 15:54

Client Sample ID: 2B1_1-2
Date Collected: 10/03/25 10:15
Date Received: 10/03/25 16:15

Lab Sample ID: 460-336467-28
Matrix: Solid
Percent Solids: 98.2

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Prep	5035			1066236	JCZ	EET EDI	10/06/25 09:57
Total/NA	Analysis	8260D		1	1067096	EMM	EET EDI	10/10/25 02:08

Client Sample ID: 2B2_2-3
Date Collected: 10/03/25 10:20
Date Received: 10/03/25 16:15

Lab Sample ID: 460-336467-29
Matrix: Solid

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Analysis	Moisture		1	1067127	CJC	EET EDI	10/09/25 15:54

Client Sample ID: 2B2_2-3
Date Collected: 10/03/25 10:20
Date Received: 10/03/25 16:15

Lab Sample ID: 460-336467-29
Matrix: Solid
Percent Solids: 96.1

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Prep	5035			1066236	JCZ	EET EDI	10/06/25 09:57
Total/NA	Analysis	8260D		1	1067096	EMM	EET EDI	10/10/25 02:32

Client Sample ID: 2B3_4-5
Date Collected: 10/03/25 10:25
Date Received: 10/03/25 16:15

Lab Sample ID: 460-336467-30
Matrix: Solid

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Analysis	Moisture		1	1067127	CJC	EET EDI	10/09/25 15:54

Lab Chronicle

Client: Haley & Aldrich, Inc.
Project/Site: Former Port Mobil

Job ID: 460-336467-1

Client Sample ID: 2B3_4-5
Date Collected: 10/03/25 10:25
Date Received: 10/03/25 16:15

Lab Sample ID: 460-336467-30
Matrix: Solid
Percent Solids: 94.3

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Prep	5035			1066236	JCZ	EET EDI	10/06/25 09:57
Total/NA	Analysis	8260D		1	1067096	EMM	EET EDI	10/10/25 02:57

Client Sample ID: 2B1_6-7
Date Collected: 10/03/25 10:30
Date Received: 10/03/25 16:15

Lab Sample ID: 460-336467-31
Matrix: Solid

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Analysis	Moisture		1	1067127	CJC	EET EDI	10/09/25 15:54

Client Sample ID: 2B1_6-7
Date Collected: 10/03/25 10:30
Date Received: 10/03/25 16:15

Lab Sample ID: 460-336467-31
Matrix: Solid
Percent Solids: 96.0

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Prep	5035			1066236	JCZ	EET EDI	10/06/25 09:58
Total/NA	Analysis	8260D		1	1067096	EMM	EET EDI	10/10/25 03:21

Client Sample ID: 2B2_8-9
Date Collected: 10/03/25 10:35
Date Received: 10/03/25 16:15

Lab Sample ID: 460-336467-32
Matrix: Solid

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Analysis	Moisture		1	1067127	CJC	EET EDI	10/09/25 15:54

Client Sample ID: 2B2_8-9
Date Collected: 10/03/25 10:35
Date Received: 10/03/25 16:15

Lab Sample ID: 460-336467-32
Matrix: Solid
Percent Solids: 97.3

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Prep	5035			1066236	JCZ	EET EDI	10/06/25 09:58
Total/NA	Analysis	8260D		1	1067096	EMM	EET EDI	10/10/25 03:45

Client Sample ID: 2B3_9-10
Date Collected: 10/03/25 10:40
Date Received: 10/03/25 16:15

Lab Sample ID: 460-336467-33
Matrix: Solid

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Analysis	Moisture		1	1067127	CJC	EET EDI	10/09/25 15:54

Lab Chronicle

Client: Haley & Aldrich, Inc.
Project/Site: Former Port Mobil

Job ID: 460-336467-1

Client Sample ID: 2B3_9-10
Date Collected: 10/03/25 10:40
Date Received: 10/03/25 16:15

Lab Sample ID: 460-336467-33
Matrix: Solid
Percent Solids: 97.2

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Prep	5035			1066236	JCZ	EET EDI	10/06/25 09:59
Total/NA	Analysis	8260D		1	1067096	EMM	EET EDI	10/10/25 04:09

Client Sample ID: 2B1_10-11
Date Collected: 10/03/25 10:45
Date Received: 10/03/25 16:15

Lab Sample ID: 460-336467-34
Matrix: Solid

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Analysis	Moisture		1	1067127	CJC	EET EDI	10/09/25 15:54

Client Sample ID: 2B1_10-11
Date Collected: 10/03/25 10:45
Date Received: 10/03/25 16:15

Lab Sample ID: 460-336467-34
Matrix: Solid
Percent Solids: 98.7

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Prep	5035			1066236	JCZ	EET EDI	10/06/25 09:59
Total/NA	Analysis	8260D		1	1067096	EMM	EET EDI	10/10/25 04:33

Client Sample ID: 1A1_1-2
Date Collected: 10/03/25 10:50
Date Received: 10/03/25 16:15

Lab Sample ID: 460-336467-35
Matrix: Solid

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Analysis	Moisture		1	1067127	CJC	EET EDI	10/09/25 15:54

Client Sample ID: 1A1_1-2
Date Collected: 10/03/25 10:50
Date Received: 10/03/25 16:15

Lab Sample ID: 460-336467-35
Matrix: Solid
Percent Solids: 98.6

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Prep	5035			1066236	JCZ	EET EDI	10/06/25 09:59
Total/NA	Analysis	8260D		1	1067096	EMM	EET EDI	10/10/25 04:57

Client Sample ID: 1A2_3-4
Date Collected: 10/03/25 10:55
Date Received: 10/03/25 16:15

Lab Sample ID: 460-336467-36
Matrix: Solid

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Analysis	Moisture		1	1067127	CJC	EET EDI	10/09/25 15:54

Lab Chronicle

Client: Haley & Aldrich, Inc.
Project/Site: Former Port Mobil

Job ID: 460-336467-1

Client Sample ID: 1A2_3-4
Date Collected: 10/03/25 10:55
Date Received: 10/03/25 16:15

Lab Sample ID: 460-336467-36
Matrix: Solid
Percent Solids: 96.1

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Prep	5035			1066236	JCZ	EET EDI	10/06/25 10:00
Total/NA	Analysis	8260D		1	1067096	EMM	EET EDI	10/10/25 05:21

Client Sample ID: 1A3_4-5
Date Collected: 10/03/25 11:00
Date Received: 10/03/25 16:15

Lab Sample ID: 460-336467-37
Matrix: Solid

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Analysis	Moisture		1	1067127	CJC	EET EDI	10/09/25 15:54

Client Sample ID: 1A3_4-5
Date Collected: 10/03/25 11:00
Date Received: 10/03/25 16:15

Lab Sample ID: 460-336467-37
Matrix: Solid
Percent Solids: 97.6

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Prep	5035			1066236	JCZ	EET EDI	10/06/25 10:00
Total/NA	Analysis	8260D		1	1066311	EMM	EET EDI	10/08/25 06:18

Client Sample ID: 1A1_6-7
Date Collected: 10/03/25 11:05
Date Received: 10/03/25 16:15

Lab Sample ID: 460-336467-38
Matrix: Solid

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Analysis	Moisture		1	1067127	CJC	EET EDI	10/09/25 15:54

Client Sample ID: 1A1_6-7
Date Collected: 10/03/25 11:05
Date Received: 10/03/25 16:15

Lab Sample ID: 460-336467-38
Matrix: Solid
Percent Solids: 98.3

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Prep	5035			1066236	JCZ	EET EDI	10/06/25 10:00
Total/NA	Analysis	8260D		1	1066311	EMM	EET EDI	10/08/25 06:42

Client Sample ID: 1A2_8-9
Date Collected: 10/03/25 11:10
Date Received: 10/03/25 16:15

Lab Sample ID: 460-336467-39
Matrix: Solid

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Analysis	Moisture		1	1067127	CJC	EET EDI	10/09/25 15:54

Lab Chronicle

Client: Haley & Aldrich, Inc.
Project/Site: Former Port Mobil

Job ID: 460-336467-1

Client Sample ID: 1A2_8-9
Date Collected: 10/03/25 11:10
Date Received: 10/03/25 16:15

Lab Sample ID: 460-336467-39
Matrix: Solid
Percent Solids: 95.5

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Prep	5035			1066236	JCZ	EET EDI	10/06/25 10:01
Total/NA	Analysis	8260D		1	1066311	EMM	EET EDI	10/08/25 07:07

Client Sample ID: 1A3_10-11
Date Collected: 10/03/25 11:15
Date Received: 10/03/25 16:15

Lab Sample ID: 460-336467-40
Matrix: Solid

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Analysis	Moisture		1	1067127	CJC	EET EDI	10/09/25 15:54

Client Sample ID: 1A3_10-11
Date Collected: 10/03/25 11:15
Date Received: 10/03/25 16:15

Lab Sample ID: 460-336467-40
Matrix: Solid
Percent Solids: 98.6

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Prep	5035			1066236	JCZ	EET EDI	10/06/25 10:01
Total/NA	Analysis	8260D		1	1066734	EMM	EET EDI	10/08/25 15:36

Client Sample ID: 1A1_12-13
Date Collected: 10/03/25 11:20
Date Received: 10/03/25 16:15

Lab Sample ID: 460-336467-41
Matrix: Solid

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Analysis	Moisture		1	1067127	CJC	EET EDI	10/09/25 15:54

Client Sample ID: 1A1_12-13
Date Collected: 10/03/25 11:20
Date Received: 10/03/25 16:15

Lab Sample ID: 460-336467-41
Matrix: Solid
Percent Solids: 98.4

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Prep	5035			1066236	JCZ	EET EDI	10/06/25 10:02
Total/NA	Analysis	8260D		1	1066734	EMM	EET EDI	10/08/25 15:59

Client Sample ID: 1B1_1-2
Date Collected: 10/03/25 11:25
Date Received: 10/03/25 16:15

Lab Sample ID: 460-336467-42
Matrix: Solid

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Analysis	Moisture		1	1067127	CJC	EET EDI	10/09/25 15:54

Lab Chronicle

Client: Haley & Aldrich, Inc.
Project/Site: Former Port Mobil

Job ID: 460-336467-1

Client Sample ID: 1B1_1-2
Date Collected: 10/03/25 11:25
Date Received: 10/03/25 16:15

Lab Sample ID: 460-336467-42
Matrix: Solid
Percent Solids: 95.6

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Prep	5035			1066236	JCZ	EET EDI	10/06/25 10:02
Total/NA	Analysis	8260D		1	1066734	EMM	EET EDI	10/08/25 16:22

Client Sample ID: 1B2_3-4
Date Collected: 10/03/25 11:30
Date Received: 10/03/25 16:15

Lab Sample ID: 460-336467-43
Matrix: Solid

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Analysis	Moisture		1	1067127	CJC	EET EDI	10/09/25 15:54

Client Sample ID: 1B2_3-4
Date Collected: 10/03/25 11:30
Date Received: 10/03/25 16:15

Lab Sample ID: 460-336467-43
Matrix: Solid
Percent Solids: 95.4

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Prep	5035			1066236	JCZ	EET EDI	10/06/25 10:02
Total/NA	Analysis	8260D		1	1066538	EMM	EET EDI	10/08/25 11:01

Client Sample ID: 1B3_4-5
Date Collected: 10/03/25 11:35
Date Received: 10/03/25 16:15

Lab Sample ID: 460-336467-44
Matrix: Solid

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Analysis	Moisture		1	1067127	CJC	EET EDI	10/09/25 15:54

Client Sample ID: 1B3_4-5
Date Collected: 10/03/25 11:35
Date Received: 10/03/25 16:15

Lab Sample ID: 460-336467-44
Matrix: Solid
Percent Solids: 95.8

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Prep	5035			1066236	JCZ	EET EDI	10/06/25 10:03
Total/NA	Analysis	8260D		1	1066538	EMM	EET EDI	10/08/25 11:25

Client Sample ID: 1B1_6-7
Date Collected: 10/03/25 11:40
Date Received: 10/03/25 16:15

Lab Sample ID: 460-336467-45
Matrix: Solid

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Analysis	Moisture		1	1067127	CJC	EET EDI	10/09/25 15:54

Lab Chronicle

Client: Haley & Aldrich, Inc.
Project/Site: Former Port Mobil

Job ID: 460-336467-1

Client Sample ID: 1B1_6-7
Date Collected: 10/03/25 11:40
Date Received: 10/03/25 16:15

Lab Sample ID: 460-336467-45
Matrix: Solid
Percent Solids: 95.3

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Prep	5035			1066236	JCZ	EET EDI	10/06/25 10:03
Total/NA	Analysis	8260D		1	1066538	EMM	EET EDI	10/08/25 11:49

Client Sample ID: 1B2_8-9
Date Collected: 10/03/25 11:45
Date Received: 10/03/25 16:15

Lab Sample ID: 460-336467-46
Matrix: Solid

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Analysis	Moisture		1	1067127	CJC	EET EDI	10/09/25 15:54

Client Sample ID: 1B2_8-9
Date Collected: 10/03/25 11:45
Date Received: 10/03/25 16:15

Lab Sample ID: 460-336467-46
Matrix: Solid
Percent Solids: 99.6

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Prep	5035			1066247	JCZ	EET EDI	10/06/25 10:24
Total/NA	Analysis	8260D		1	1066538	EMM	EET EDI	10/08/25 12:14

Client Sample ID: 1B3_9-10
Date Collected: 10/03/25 11:50
Date Received: 10/03/25 16:15

Lab Sample ID: 460-336467-47
Matrix: Solid

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Analysis	Moisture		1	1067127	CJC	EET EDI	10/09/25 15:54

Client Sample ID: 1B3_9-10
Date Collected: 10/03/25 11:50
Date Received: 10/03/25 16:15

Lab Sample ID: 460-336467-47
Matrix: Solid
Percent Solids: 96.0

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Prep	5035			1066247	JCZ	EET EDI	10/06/25 10:24
Total/NA	Analysis	8260D		1	1066538	EMM	EET EDI	10/08/25 12:38

Client Sample ID: 1B1_10-11
Date Collected: 10/03/25 11:55
Date Received: 10/03/25 16:15

Lab Sample ID: 460-336467-48
Matrix: Solid

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Analysis	Moisture		1	1067127	CJC	EET EDI	10/09/25 15:54

Lab Chronicle

Client: Haley & Aldrich, Inc.
Project/Site: Former Port Mobil

Job ID: 460-336467-1

Client Sample ID: 1B1_10-11
Date Collected: 10/03/25 11:55
Date Received: 10/03/25 16:15

Lab Sample ID: 460-336467-48
Matrix: Solid
Percent Solids: 99.5

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Prep	5035			1066247	JCZ	EET EDI	10/06/25 10:24
Total/NA	Analysis	8260D		1	1066538	EMM	EET EDI	10/08/25 13:11

Client Sample ID: 1C1_2-3
Date Collected: 10/03/25 12:00
Date Received: 10/03/25 16:15

Lab Sample ID: 460-336467-49
Matrix: Solid

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Analysis	Moisture		1	1067127	CJC	EET EDI	10/09/25 15:54

Client Sample ID: 1C1_2-3
Date Collected: 10/03/25 12:00
Date Received: 10/03/25 16:15

Lab Sample ID: 460-336467-49
Matrix: Solid
Percent Solids: 99.8

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Prep	5035			1066247	JCZ	EET EDI	10/06/25 10:25
Total/NA	Analysis	8260D		1	1066538	EMM	EET EDI	10/08/25 13:35

Client Sample ID: 1C2_3-4
Date Collected: 10/03/25 12:05
Date Received: 10/03/25 16:15

Lab Sample ID: 460-336467-50
Matrix: Solid

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Analysis	Moisture		1	1067127	CJC	EET EDI	10/09/25 15:54

Client Sample ID: 1C2_3-4
Date Collected: 10/03/25 12:05
Date Received: 10/03/25 16:15

Lab Sample ID: 460-336467-50
Matrix: Solid
Percent Solids: 97.4

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Prep	5035			1066247	JCZ	EET EDI	10/06/25 10:25
Total/NA	Analysis	8260D		1	1066538	EMM	EET EDI	10/08/25 13:59

Client Sample ID: 1C3_5-6
Date Collected: 10/03/25 12:10
Date Received: 10/03/25 16:15

Lab Sample ID: 460-336467-51
Matrix: Solid

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Analysis	Moisture		1	1067128	CJC	EET EDI	10/09/25 15:55

Lab Chronicle

Client: Haley & Aldrich, Inc.
Project/Site: Former Port Mobil

Job ID: 460-336467-1

Client Sample ID: 1C3_5-6
Date Collected: 10/03/25 12:10
Date Received: 10/03/25 16:15

Lab Sample ID: 460-336467-51
Matrix: Solid
Percent Solids: 90.7

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Prep	5035			1066247	JCZ	EET EDI	10/06/25 10:26
Total/NA	Analysis	8260D		1	1066538	EMM	EET EDI	10/08/25 14:23

Client Sample ID: 1C1_6-7
Date Collected: 10/03/25 12:15
Date Received: 10/03/25 16:15

Lab Sample ID: 460-336467-52
Matrix: Solid

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Analysis	Moisture		1	1067128	CJC	EET EDI	10/09/25 15:55

Client Sample ID: 1C1_6-7
Date Collected: 10/03/25 12:15
Date Received: 10/03/25 16:15

Lab Sample ID: 460-336467-52
Matrix: Solid
Percent Solids: 93.8

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Prep	5035			1066247	JCZ	EET EDI	10/06/25 10:26
Total/NA	Analysis	8260D		1	1066538	EMM	EET EDI	10/08/25 14:47

Client Sample ID: 1C2_8-9
Date Collected: 10/03/25 12:20
Date Received: 10/03/25 16:15

Lab Sample ID: 460-336467-53
Matrix: Solid

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Analysis	Moisture		1	1067128	CJC	EET EDI	10/09/25 15:55

Client Sample ID: 1C2_8-9
Date Collected: 10/03/25 12:20
Date Received: 10/03/25 16:15

Lab Sample ID: 460-336467-53
Matrix: Solid
Percent Solids: 88.4

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Prep	5035			1066247	JCZ	EET EDI	10/06/25 10:26
Total/NA	Analysis	8260D		1	1066538	EMM	EET EDI	10/08/25 15:11

Client Sample ID: 1C3_10-11
Date Collected: 10/03/25 12:25
Date Received: 10/03/25 16:15

Lab Sample ID: 460-336467-54
Matrix: Solid

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Analysis	Moisture		1	1067128	CJC	EET EDI	10/09/25 15:55

Lab Chronicle

Client: Haley & Aldrich, Inc.
Project/Site: Former Port Mobil

Job ID: 460-336467-1

Client Sample ID: 1C3_10-11
Date Collected: 10/03/25 12:25
Date Received: 10/03/25 16:15

Lab Sample ID: 460-336467-54
Matrix: Solid
Percent Solids: 93.4

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Prep	5035			1066247	JCZ	EET EDI	10/06/25 10:27
Total/NA	Analysis	8260D		1	1066601	EMM	EET EDI	10/08/25 23:46

Client Sample ID: 1C1_11-12
Date Collected: 10/03/25 12:30
Date Received: 10/03/25 16:15

Lab Sample ID: 460-336467-55
Matrix: Solid

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Analysis	Moisture		1	1067128	CJC	EET EDI	10/09/25 15:55

Client Sample ID: 1C1_11-12
Date Collected: 10/03/25 12:30
Date Received: 10/03/25 16:15

Lab Sample ID: 460-336467-55
Matrix: Solid
Percent Solids: 96.9

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Prep	5035			1066247	JCZ	EET EDI	10/06/25 10:27
Total/NA	Analysis	8260D		1	1066601	EMM	EET EDI	10/09/25 00:10

Client Sample ID: 1D1_1-2
Date Collected: 10/03/25 12:35
Date Received: 10/03/25 16:15

Lab Sample ID: 460-336467-56
Matrix: Solid

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Analysis	Moisture		1	1067128	CJC	EET EDI	10/09/25 15:55

Client Sample ID: 1D1_1-2
Date Collected: 10/03/25 12:35
Date Received: 10/03/25 16:15

Lab Sample ID: 460-336467-56
Matrix: Solid
Percent Solids: 93.2

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Prep	5035			1066247	JCZ	EET EDI	10/06/25 10:28
Total/NA	Analysis	8260D		1	1066601	EMM	EET EDI	10/09/25 00:35

Client Sample ID: 1D2_2-3
Date Collected: 10/03/25 12:40
Date Received: 10/03/25 16:15

Lab Sample ID: 460-336467-57
Matrix: Solid

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Analysis	Moisture		1	1067128	CJC	EET EDI	10/09/25 15:55

Lab Chronicle

Client: Haley & Aldrich, Inc.
Project/Site: Former Port Mobil

Job ID: 460-336467-1

Client Sample ID: 1D2_2-3
Date Collected: 10/03/25 12:40
Date Received: 10/03/25 16:15

Lab Sample ID: 460-336467-57
Matrix: Solid
Percent Solids: 90.1

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Prep	5035			1066247	JCZ	EET EDI	10/06/25 10:28
Total/NA	Analysis	8260D		1	1066538	EMM	EET EDI	10/08/25 17:20

Client Sample ID: 1D3_4-5
Date Collected: 10/03/25 12:45
Date Received: 10/03/25 16:15

Lab Sample ID: 460-336467-58
Matrix: Solid

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Analysis	Moisture		1	1067128	CJC	EET EDI	10/09/25 15:55

Client Sample ID: 1D3_4-5
Date Collected: 10/03/25 12:45
Date Received: 10/03/25 16:15

Lab Sample ID: 460-336467-58
Matrix: Solid
Percent Solids: 96.7

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Prep	5035			1066247	JCZ	EET EDI	10/06/25 10:28
Total/NA	Analysis	8260D		1	1066538	EMM	EET EDI	10/08/25 17:44

Client Sample ID: 1D1_6-7
Date Collected: 10/03/25 12:50
Date Received: 10/03/25 16:15

Lab Sample ID: 460-336467-59
Matrix: Solid

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Analysis	Moisture		1	1067128	CJC	EET EDI	10/09/25 15:55

Client Sample ID: 1D1_6-7
Date Collected: 10/03/25 12:50
Date Received: 10/03/25 16:15

Lab Sample ID: 460-336467-59
Matrix: Solid
Percent Solids: 92.7

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Prep	5035			1066247	JCZ	EET EDI	10/06/25 10:29
Total/NA	Analysis	8260D		1	1066538	EMM	EET EDI	10/08/25 18:08

Client Sample ID: 1D2_7-8
Date Collected: 10/03/25 12:55
Date Received: 10/03/25 16:15

Lab Sample ID: 460-336467-60
Matrix: Solid

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Analysis	Moisture		1	1067189	CJC	EET EDI	10/09/25 20:18

Lab Chronicle

Client: Haley & Aldrich, Inc.
Project/Site: Former Port Mobil

Job ID: 460-336467-1

Client Sample ID: 1D2_7-8
Date Collected: 10/03/25 12:55
Date Received: 10/03/25 16:15

Lab Sample ID: 460-336467-60
Matrix: Solid
Percent Solids: 89.9

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Prep	5035			1066247	JCZ	EET EDI	10/06/25 10:29
Total/NA	Analysis	8260D		1	1066601	EMM	EET EDI	10/08/25 22:58

Client Sample ID: 1D3_9-10
Date Collected: 10/03/25 13:00
Date Received: 10/03/25 16:15

Lab Sample ID: 460-336467-61
Matrix: Solid

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Analysis	Moisture		1	1067189	CJC	EET EDI	10/09/25 20:18

Client Sample ID: 1D3_9-10
Date Collected: 10/03/25 13:00
Date Received: 10/03/25 16:15

Lab Sample ID: 460-336467-61
Matrix: Solid
Percent Solids: 94.8

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Prep	5035			1066247	JCZ	EET EDI	10/06/25 10:30
Total/NA	Analysis	8260D		1	1066538	EMM	EET EDI	10/08/25 18:57

Client Sample ID: 1D1_13-14
Date Collected: 10/03/25 13:05
Date Received: 10/03/25 16:15

Lab Sample ID: 460-336467-62
Matrix: Solid

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Analysis	Moisture		1	1067189	CJC	EET EDI	10/09/25 20:18

Client Sample ID: 1D1_13-14
Date Collected: 10/03/25 13:05
Date Received: 10/03/25 16:15

Lab Sample ID: 460-336467-62
Matrix: Solid
Percent Solids: 92.3

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Prep	5035			1066247	JCZ	EET EDI	10/06/25 10:30
Total/NA	Analysis	8260D		1	1066538	EMM	EET EDI	10/08/25 19:21

Client Sample ID: 1E1_1-2
Date Collected: 10/03/25 13:10
Date Received: 10/03/25 16:15

Lab Sample ID: 460-336467-63
Matrix: Solid

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Analysis	Moisture		1	1067189	CJC	EET EDI	10/09/25 20:18

Client Sample ID: 1E1_1-2
Date Collected: 10/03/25 13:10
Date Received: 10/03/25 16:15

Lab Sample ID: 460-336467-63
Matrix: Solid
Percent Solids: 95.3

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Prep	5035			1066247	JCZ	EET EDI	10/06/25 10:30
Total/NA	Analysis	8260D		1	1066542	EMM	EET EDI	10/08/25 04:51

Client Sample ID: 1E2_3-4
Date Collected: 10/03/25 13:15
Date Received: 10/03/25 16:15

Lab Sample ID: 460-336467-64
Matrix: Solid

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Analysis	Moisture		1	1067189	CJC	EET EDI	10/09/25 20:18

Client Sample ID: 1E2_3-4
Date Collected: 10/03/25 13:15
Date Received: 10/03/25 16:15

Lab Sample ID: 460-336467-64
Matrix: Solid
Percent Solids: 90.8

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Prep	5035			1066247	JCZ	EET EDI	10/06/25 10:31
Total/NA	Analysis	8260D		1	1066542	EMM	EET EDI	10/08/25 05:14

Client Sample ID: 1E3_4-5
Date Collected: 10/03/25 13:20
Date Received: 10/03/25 16:15

Lab Sample ID: 460-336467-65
Matrix: Solid

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Analysis	Moisture		1	1067189	CJC	EET EDI	10/09/25 20:18

Client Sample ID: 1E3_4-5
Date Collected: 10/03/25 13:20
Date Received: 10/03/25 16:15

Lab Sample ID: 460-336467-65
Matrix: Solid
Percent Solids: 97.7

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Prep	5035			1066247	JCZ	EET EDI	10/06/25 10:31
Total/NA	Analysis	8260D		1	1066542	EMM	EET EDI	10/08/25 05:37

Client Sample ID: 1E1_6-7
Date Collected: 10/03/25 13:25
Date Received: 10/03/25 16:15

Lab Sample ID: 460-336467-66
Matrix: Solid

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Analysis	Moisture		1	1067189	CJC	EET EDI	10/09/25 20:18

Lab Chronicle

Client: Haley & Aldrich, Inc.
Project/Site: Former Port Mobil

Job ID: 460-336467-1

Client Sample ID: 1E1_6-7
Date Collected: 10/03/25 13:25
Date Received: 10/03/25 16:15

Lab Sample ID: 460-336467-66
Matrix: Solid
Percent Solids: 88.8

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Prep	5035			1066247	JCZ	EET EDI	10/06/25 10:32
Total/NA	Analysis	8260D		1	1066542	EMM	EET EDI	10/08/25 06:02

Client Sample ID: 1E2_8-9
Date Collected: 10/03/25 13:30
Date Received: 10/03/25 16:15

Lab Sample ID: 460-336467-67
Matrix: Solid

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Analysis	Moisture		1	1067189	CJC	EET EDI	10/09/25 20:18

Client Sample ID: 1E2_8-9
Date Collected: 10/03/25 13:30
Date Received: 10/03/25 16:15

Lab Sample ID: 460-336467-67
Matrix: Solid
Percent Solids: 97.7

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Prep	5035			1066247	JCZ	EET EDI	10/06/25 10:32
Total/NA	Analysis	8260D		1	1066542	EMM	EET EDI	10/08/25 06:23

Client Sample ID: 1E3_10-11
Date Collected: 10/03/25 13:35
Date Received: 10/03/25 16:15

Lab Sample ID: 460-336467-68
Matrix: Solid

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Analysis	Moisture		1	1067189	CJC	EET EDI	10/09/25 20:18

Client Sample ID: 1E3_10-11
Date Collected: 10/03/25 13:35
Date Received: 10/03/25 16:15

Lab Sample ID: 460-336467-68
Matrix: Solid
Percent Solids: 90.2

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Prep	5035			1066247	JCZ	EET EDI	10/06/25 10:32
Total/NA	Analysis	8260D		1	1066542	EMM	EET EDI	10/08/25 06:46

Client Sample ID: 1E2_13-14
Date Collected: 10/03/25 13:40
Date Received: 10/03/25 16:15

Lab Sample ID: 460-336467-69
Matrix: Solid

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Analysis	Moisture		1	1067190	CJC	EET EDI	10/09/25 20:18

Lab Chronicle

Client: Haley & Aldrich, Inc.
Project/Site: Former Port Mobil

Job ID: 460-336467-1

Client Sample ID: 1E2_13-14
Date Collected: 10/03/25 13:40
Date Received: 10/03/25 16:15

Lab Sample ID: 460-336467-69
Matrix: Solid
Percent Solids: 96.4

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Prep	5035			1066247	JCZ	EET EDI	10/06/25 10:33
Total/NA	Analysis	8260D		1	1066542	EMM	EET EDI	10/08/25 07:09

Client Sample ID: 1F1_2-3
Date Collected: 10/03/25 13:45
Date Received: 10/03/25 16:15

Lab Sample ID: 460-336467-70
Matrix: Solid

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Analysis	Moisture		1	1067190	CJC	EET EDI	10/09/25 20:18

Client Sample ID: 1F1_2-3
Date Collected: 10/03/25 13:45
Date Received: 10/03/25 16:15

Lab Sample ID: 460-336467-70
Matrix: Solid
Percent Solids: 97.5

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Prep	5035			1066247	JCZ	EET EDI	10/06/25 10:33
Total/NA	Analysis	8260D		1	1066542	EMM	EET EDI	10/08/25 07:33

Client Sample ID: 1F2_4-5
Date Collected: 10/03/25 13:50
Date Received: 10/03/25 16:15

Lab Sample ID: 460-336467-71
Matrix: Solid

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Analysis	Moisture		1	1067190	CJC	EET EDI	10/09/25 20:18

Client Sample ID: 1F2_4-5
Date Collected: 10/03/25 13:50
Date Received: 10/03/25 16:15

Lab Sample ID: 460-336467-71
Matrix: Solid
Percent Solids: 98.0

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Prep	5035			1066255	JCZ	EET EDI	10/06/25 10:49
Total/NA	Analysis	8260D		1	1066542	EMM	EET EDI	10/08/25 07:56

Client Sample ID: 1F3_5-6
Date Collected: 10/03/25 13:55
Date Received: 10/03/25 16:15

Lab Sample ID: 460-336467-72
Matrix: Solid

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Analysis	Moisture		1	1067190	CJC	EET EDI	10/09/25 20:18

Lab Chronicle

Client: Haley & Aldrich, Inc.
Project/Site: Former Port Mobil

Job ID: 460-336467-1

Client Sample ID: 1F3_5-6
Date Collected: 10/03/25 13:55
Date Received: 10/03/25 16:15

Lab Sample ID: 460-336467-72
Matrix: Solid
Percent Solids: 98.0

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Prep	5035			1066255	JCZ	EET EDI	10/06/25 10:49
Total/NA	Analysis	8260D		1	1066542	EMM	EET EDI	10/08/25 08:19

Client Sample ID: 1F1_7-8
Date Collected: 10/03/25 14:00
Date Received: 10/03/25 16:15

Lab Sample ID: 460-336467-73
Matrix: Solid

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Analysis	Moisture		1	1067190	CJC	EET EDI	10/09/25 20:18

Client Sample ID: 1F1_7-8
Date Collected: 10/03/25 14:00
Date Received: 10/03/25 16:15

Lab Sample ID: 460-336467-73
Matrix: Solid
Percent Solids: 93.0

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Prep	5035			1066255	JCZ	EET EDI	10/06/25 10:49
Total/NA	Analysis	8260D		1	1066542	EMM	EET EDI	10/08/25 08:42

Client Sample ID: 1F2_8-9
Date Collected: 10/03/25 14:05
Date Received: 10/03/25 16:15

Lab Sample ID: 460-336467-74
Matrix: Solid

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Analysis	Moisture		1	1067190	CJC	EET EDI	10/09/25 20:18

Client Sample ID: 1F2_8-9
Date Collected: 10/03/25 14:05
Date Received: 10/03/25 16:15

Lab Sample ID: 460-336467-74
Matrix: Solid
Percent Solids: 97.0

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Prep	5035			1066255	JCZ	EET EDI	10/06/25 10:50
Total/NA	Analysis	8260D		1	1066542	EMM	EET EDI	10/08/25 09:05

Client Sample ID: 1F3_10-11
Date Collected: 10/03/25 14:10
Date Received: 10/03/25 16:15

Lab Sample ID: 460-336467-75
Matrix: Solid

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Analysis	Moisture		1	1067190	CJC	EET EDI	10/09/25 20:18

Lab Chronicle

Client: Haley & Aldrich, Inc.
Project/Site: Former Port Mobil

Job ID: 460-336467-1

Client Sample ID: 1F3_10-11
Date Collected: 10/03/25 14:10
Date Received: 10/03/25 16:15

Lab Sample ID: 460-336467-75
Matrix: Solid
Percent Solids: 97.9

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Prep	5035			1066255	JCZ	EET EDI	10/06/25 10:50
Total/NA	Analysis	8260D		1	1066542	EMM	EET EDI	10/08/25 09:28

Client Sample ID: 1F1_12-13
Date Collected: 10/03/25 14:15
Date Received: 10/03/25 16:15

Lab Sample ID: 460-336467-76
Matrix: Solid

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Analysis	Moisture		1	1067190	CJC	EET EDI	10/09/25 20:18

Client Sample ID: 1F1_12-13
Date Collected: 10/03/25 14:15
Date Received: 10/03/25 16:15

Lab Sample ID: 460-336467-76
Matrix: Solid
Percent Solids: 98.2

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Prep	5035			1066255	JCZ	EET EDI	10/06/25 10:51
Total/NA	Analysis	8260D		1	1066542	EMM	EET EDI	10/08/25 09:51

Client Sample ID: 1G1_1-2
Date Collected: 10/03/25 14:20
Date Received: 10/03/25 16:15

Lab Sample ID: 460-336467-77
Matrix: Solid

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Analysis	Moisture		1	1067190	CJC	EET EDI	10/09/25 20:18

Client Sample ID: 1G1_1-2
Date Collected: 10/03/25 14:20
Date Received: 10/03/25 16:15

Lab Sample ID: 460-336467-77
Matrix: Solid
Percent Solids: 98.8

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Prep	5035			1066255	JCZ	EET EDI	10/06/25 10:51
Total/NA	Analysis	8260D		1	1066542	EMM	EET EDI	10/08/25 10:14

Client Sample ID: 1G2_2-3
Date Collected: 10/03/25 14:25
Date Received: 10/03/25 16:15

Lab Sample ID: 460-336467-78
Matrix: Solid

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Analysis	Moisture		1	1067190	CJC	EET EDI	10/09/25 20:18

Lab Chronicle

Client: Haley & Aldrich, Inc.
Project/Site: Former Port Mobil

Job ID: 460-336467-1

Client Sample ID: 1G2_2-3
Date Collected: 10/03/25 14:25
Date Received: 10/03/25 16:15

Lab Sample ID: 460-336467-78
Matrix: Solid
Percent Solids: 99.5

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Prep	5035			1066255	JCZ	EET EDI	10/06/25 10:52
Total/NA	Analysis	8260D		1	1066542	EMM	EET EDI	10/08/25 10:37

Client Sample ID: 1G3_4-5
Date Collected: 10/03/25 14:30
Date Received: 10/03/25 16:15

Lab Sample ID: 460-336467-79
Matrix: Solid

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Analysis	Moisture		1	1067190	CJC	EET EDI	10/09/25 20:18

Client Sample ID: 1G3_4-5
Date Collected: 10/03/25 14:30
Date Received: 10/03/25 16:15

Lab Sample ID: 460-336467-79
Matrix: Solid
Percent Solids: 98.9

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Prep	5035			1066255	JCZ	EET EDI	10/06/25 10:52
Total/NA	Analysis	8260D		1	1066542	EMM	EET EDI	10/08/25 11:00

Client Sample ID: 1G1_5-6
Date Collected: 10/03/25 14:35
Date Received: 10/03/25 16:15

Lab Sample ID: 460-336467-80
Matrix: Solid

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Analysis	Moisture		1	1067190	CJC	EET EDI	10/09/25 20:18

Client Sample ID: 1G1_5-6
Date Collected: 10/03/25 14:35
Date Received: 10/03/25 16:15

Lab Sample ID: 460-336467-80
Matrix: Solid
Percent Solids: 99.5

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Prep	5035			1066255	JCZ	EET EDI	10/06/25 10:53
Total/NA	Analysis	8260D		1	1066542	EMM	EET EDI	10/08/25 11:23

Client Sample ID: 1G2_8-9
Date Collected: 10/03/25 14:40
Date Received: 10/03/25 16:15

Lab Sample ID: 460-336467-81
Matrix: Solid

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Analysis	Moisture		1	1067190	CJC	EET EDI	10/09/25 20:18

Lab Chronicle

Client: Haley & Aldrich, Inc.
Project/Site: Former Port Mobil

Job ID: 460-336467-1

Client Sample ID: 1G2_8-9
Date Collected: 10/03/25 14:40
Date Received: 10/03/25 16:15

Lab Sample ID: 460-336467-81
Matrix: Solid
Percent Solids: 99.3

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Prep	5035			1066255	JCZ	EET EDI	10/06/25 10:53
Total/NA	Analysis	8260D		1	1066542	EMM	EET EDI	10/08/25 11:46

Client Sample ID: 1G3_9-10
Date Collected: 10/03/25 14:45
Date Received: 10/03/25 16:15

Lab Sample ID: 460-336467-82
Matrix: Solid

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Analysis	Moisture		1	1067190	CJC	EET EDI	10/09/25 20:18

Client Sample ID: 1G3_9-10
Date Collected: 10/03/25 14:45
Date Received: 10/03/25 16:15

Lab Sample ID: 460-336467-82
Matrix: Solid
Percent Solids: 94.7

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Prep	5035			1066255	JCZ	EET EDI	10/06/25 10:53
Total/NA	Analysis	8260D		1	1066542	EMM	EET EDI	10/08/25 12:09

Client Sample ID: 1G2_12-13
Date Collected: 10/03/25 14:50
Date Received: 10/03/25 16:15

Lab Sample ID: 460-336467-83
Matrix: Solid

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Analysis	Moisture		1	1067190	CJC	EET EDI	10/09/25 20:18

Client Sample ID: 1G2_12-13
Date Collected: 10/03/25 14:50
Date Received: 10/03/25 16:15

Lab Sample ID: 460-336467-83
Matrix: Solid
Percent Solids: 98.9

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Prep	5035			1066255	JCZ	EET EDI	10/06/25 10:54
Total/NA	Analysis	8260D		1	1066601	EMM	EET EDI	10/09/25 02:34

Client Sample ID: 1H1_1-2
Date Collected: 10/03/25 14:55
Date Received: 10/03/25 16:15

Lab Sample ID: 460-336467-84
Matrix: Solid

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Analysis	Moisture		1	1067190	CJC	EET EDI	10/09/25 20:18

Client Sample ID: 1H1_1-2 — **Lab Sample ID: 460-336467-84**
Date Collected: 10/03/25 14:55 — **Matrix: Solid**
Date Received: 10/03/25 16:15 — **Percent Solids: 99.3**

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Prep	5035			1066255	JCZ	EET EDI	10/06/25 10:54
Total/NA	Analysis	8260D		1	1066601	EMM	EET EDI	10/09/25 02:58

Client Sample ID: 1H2_3-4 — **Lab Sample ID: 460-336467-85**
Date Collected: 10/03/25 15:00 — **Matrix: Solid**
Date Received: 10/03/25 16:15

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Analysis	Moisture		1	1067190	CJC	EET EDI	10/09/25 20:18

Client Sample ID: 1H2_3-4 — **Lab Sample ID: 460-336467-85**
Date Collected: 10/03/25 15:00 — **Matrix: Solid**
Date Received: 10/03/25 16:15 — **Percent Solids: 99.6**

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Prep	5035			1066255	JCZ	EET EDI	10/06/25 10:55
Total/NA	Analysis	8260D		1	1066601	EMM	EET EDI	10/09/25 03:22

Client Sample ID: 1H3_4-5 — **Lab Sample ID: 460-336467-86**
Date Collected: 10/03/25 15:05 — **Matrix: Solid**
Date Received: 10/03/25 16:15

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Analysis	Moisture		1	1067190	CJC	EET EDI	10/09/25 20:18

Client Sample ID: 1H3_4-5 — **Lab Sample ID: 460-336467-86**
Date Collected: 10/03/25 15:05 — **Matrix: Solid**
Date Received: 10/03/25 16:15 — **Percent Solids: 99.3**

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Prep	5035			1066255	JCZ	EET EDI	10/06/25 10:55
Total/NA	Analysis	8260D		1	1066601	EMM	EET EDI	10/09/25 03:46

Client Sample ID: 1H1_6-7 — **Lab Sample ID: 460-336467-87**
Date Collected: 10/03/25 15:10 — **Matrix: Solid**
Date Received: 10/03/25 16:15

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Analysis	Moisture		1	1067190	CJC	EET EDI	10/09/25 20:18

Lab Chronicle

Client: Haley & Aldrich, Inc.
Project/Site: Former Port Mobil

Job ID: 460-336467-1

Client Sample ID: 1H1_6-7
Date Collected: 10/03/25 15:10
Date Received: 10/03/25 16:15

Lab Sample ID: 460-336467-87
Matrix: Solid
Percent Solids: 99.5

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Prep	5035			1066255	JCZ	EET EDI	10/06/25 10:56
Total/NA	Analysis	8260D		1	1066601	EMM	EET EDI	10/09/25 04:10

Client Sample ID: 1H2_8-9
Date Collected: 10/03/25 15:15
Date Received: 10/03/25 16:15

Lab Sample ID: 460-336467-88
Matrix: Solid

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Analysis	Moisture		1	1067190	CJC	EET EDI	10/09/25 20:18

Client Sample ID: 1H2_8-9
Date Collected: 10/03/25 15:15
Date Received: 10/03/25 16:15

Lab Sample ID: 460-336467-88
Matrix: Solid
Percent Solids: 99.1

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Prep	5035			1066255	JCZ	EET EDI	10/06/25 10:56
Total/NA	Analysis	8260D		1	1066601	EMM	EET EDI	10/09/25 04:34

Client Sample ID: 1H3_9-10
Date Collected: 10/03/25 15:20
Date Received: 10/03/25 16:15

Lab Sample ID: 460-336467-89
Matrix: Solid

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Analysis	Moisture		1	1067190	CJC	EET EDI	10/09/25 20:18

Client Sample ID: 1H3_9-10
Date Collected: 10/03/25 15:20
Date Received: 10/03/25 16:15

Lab Sample ID: 460-336467-89
Matrix: Solid
Percent Solids: 99.5

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Prep	5035			1066255	JCZ	EET EDI	10/06/25 10:57
Total/NA	Analysis	8260D		1	1066601	EMM	EET EDI	10/09/25 04:59

Client Sample ID: 1H1_11-12
Date Collected: 10/03/25 15:25
Date Received: 10/03/25 16:15

Lab Sample ID: 460-336467-90
Matrix: Solid

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Analysis	Moisture		1	1067190	CJC	EET EDI	10/09/25 20:18

Lab Chronicle

Client: Haley & Aldrich, Inc.
Project/Site: Former Port Mobil

Job ID: 460-336467-1

Client Sample ID: 1H1_11-12

Date Collected: 10/03/25 15:25
Date Received: 10/03/25 16:15

Lab Sample ID: 460-336467-90

Matrix: Solid
Percent Solids: 99.3

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Prep	5035			1066255	JCZ	EET EDI	10/06/25 10:57
Total/NA	Analysis	8260D		1	1066601	EMM	EET EDI	10/09/25 05:23

Laboratory References:

EET EDI = Eurofins Edison, 777 New Durham Road, Edison, NJ 08817, TEL (732)549-3900

ELLE = Eurofins Lancaster Laboratories Environment Testing, LLC, 2425 New Holland Pike, Lancaster, PA 17601, TEL (717)656-2300

Accreditation/Certification Summary

Client: Haley & Aldrich, Inc.
Project/Site: Former Port Mobil

Job ID: 460-336467-1

Laboratory: Eurofins Edison

Unless otherwise noted, all analytes for this laboratory were covered under each accreditation/certification below.

Authority	Program	Identification Number	Expiration Date
New York	NELAP	11452	04-01-26

The following analytes are included in this report, but the laboratory is not certified by the governing authority. This list may include analytes for which the agency does not offer certification.

Analysis Method	Prep Method	Matrix	Analyte
8270E	3546	Solid	3 & 4 Methylphenol
Moisture		Solid	Percent Moisture
Moisture		Solid	Percent Solids

Laboratory: Eurofins Lancaster Laboratories Environment Testing, LLC

All accreditations/certifications held by this laboratory are listed. Not all accreditations/certifications are applicable to this report.

Authority	Program	Identification Number	Expiration Date
A2LA	Dept. of Defense ELAP	0001.01	11-30-26
A2LA	Dept. of Energy	0001.01	11-30-26
A2LA	ISO/IEC 17025	0001.01	11-30-26
Alabama	State	43200	01-31-26
Alaska	State	PA00009	06-30-26
Alaska (UST)	State	17-027	12-30-26
Arizona	State	AZ0780	03-12-26
Arkansas DEQ	State	88-00660	08-09-26
California	State	2792	01-31-26
Colorado	State	PA00009	06-30-26
Connecticut	State	PH-0746	06-30-27
DE Haz. Subst. Cleanup Act (HSCA)	State	019-006 (PA cert)	01-31-26
Delaware (DW)	State	N/A	01-31-26
Florida	NELAP	E87997	07-01-26
Georgia (DW)	State	C048	01-31-26
Illinois	NELAP	200027	01-31-26
Iowa	State	361	03-01-26
Kansas	NELAP	E-10151	10-31-25
Kentucky (DW)	State	KY90088	12-31-25
Kentucky (UST)	State	0001.01	11-30-26
Kentucky (WW)	State	KY90088	12-31-25
Louisiana (All)	NELAP	02055	06-30-26
Maine	State	2019012	03-12-27
Maryland	State	100	06-30-26
Massachusetts	State	M-PA009	06-30-26
Michigan	State	9930	01-31-26
Minnesota	NELAP	042-999-487	12-31-25
Mississippi	State	023	01-31-26
Missouri	State	450	01-31-28
Montana (DW)	State	0098	01-01-26
Nebraska	State	NE-OS-32-17	01-31-26
New Hampshire	NELAP	2730	01-10-26
New Jersey	NELAP	PA011	06-30-26
New York	NELAP	10670	04-01-26
North Carolina (DW)	State	42705	07-31-26
North Carolina (WW/SW)	State	521	12-31-25
North Dakota	State	R-205	01-31-24 *
Ohio	State	87787	01-31-26

* Accreditation/Certification renewal pending - accreditation/certification considered valid.

Accreditation/Certification Summary

Client: Haley & Aldrich, Inc.
Project/Site: Former Port Mobil

Job ID: 460-336467-1

Laboratory: Eurofins Lancaster Laboratories Environment Testing, LLC (Continued)

All accreditations/certifications held by this laboratory are listed. Not all accreditations/certifications are applicable to this report.

Authority	Program	Identification Number	Expiration Date
Oklahoma	NELAP	9804	12-31-25
Oregon	NELAP	PA200001	09-12-26
Pennsylvania	NELAP	36-00037	01-31-26
Quebec Ministry of Environment and Fight against Climate Change	PALA	507	09-16-29
Rhode Island	State	LAO00338	12-30-25
South Carolina	State	89002	01-31-26
Tennessee	State	02838	01-31-26
Texas	NELAP	T104704194-23-46	08-31-26
USDA	US Federal Programs	525-22-298-19481	10-25-25
Vermont	State	VT - 36037	10-27-25
Virginia	NELAP	460182	06-14-26
Washington	State	C457	04-11-26
West Virginia (DW)	State	9906 C	03-31-26
West Virginia DEP	State	055	07-31-26
Wyoming	State	8TMS-L	01-31-26
Wyoming (UST)	A2LA	0001.01	11-30-26

Method Summary

Client: Haley & Aldrich, Inc.
Project/Site: Former Port Mobil

Job ID: 460-336467-1

Method	Method Description	Protocol	Laboratory
8260D	Volatile Organic Compounds by GC/MS	SW846	EET EDI
8270E	Semivolatile Organic Compounds (GC/MS)	SW846	EET EDI
8081B	Organochlorine Pesticides (GC)	SW846	EET EDI
8082A	Polychlorinated Biphenyls (PCBs) by Gas Chromatography	SW846	EET EDI
1633A	Per- and Polyfluoroalkyl Substances by LC/MS/MS, 1633A	EPA	ELLE
6020B	Metals (ICP/MS)	SW846	EET EDI
7471B	Mercury (CVAA)	SW846	EET EDI
Moisture	Percent Moisture	EPA	EET EDI
1633A Shake	Shake Extraction with SPE	EPA	ELLE
3050B	Preparation, Metals	SW846	EET EDI
3546	Microwave Extraction	SW846	EET EDI
5035	Closed System Purge and Trap	SW846	EET EDI
7471B	Preparation, Mercury	SW846	EET EDI

Protocol References:

EPA = US Environmental Protection Agency

SW846 = "Test Methods For Evaluating Solid Waste, Physical/Chemical Methods", Third Edition, November 1986 And Its Updates.

Laboratory References:

EET EDI = Eurofins Edison, 777 New Durham Road, Edison, NJ 08817, TEL (732)549-3900

ELLE = Eurofins Lancaster Laboratories Environment Testing, LLC, 2425 New Holland Pike, Lancaster, PA 17601, TEL (717)656-2300

Sample Summary

Client: Haley & Aldrich, Inc.
Project/Site: Former Port Mobil

Job ID: 460-336467-1

Lab Sample ID	Client Sample ID	Matrix	Collected	Received	Sample Origin
460-336467-1	2A_0-6	Solid	10/03/25 08:00	10/03/25 16:15	New York
460-336467-2	2A_6-12	Solid	10/03/25 08:05	10/03/25 16:15	New York
460-336467-3	2B_0-6	Solid	10/03/25 08:10	10/03/25 16:15	New York
460-336467-4	2B_6-12	Solid	10/03/25 08:15	10/03/25 16:15	New York
460-336467-5	1A_0-7	Solid	10/03/25 08:20	10/03/25 16:15	New York
460-336467-6	1A_7-14	Solid	10/03/25 08:25	10/03/25 16:15	New York
460-336467-7	1B_0-7	Solid	10/03/25 08:30	10/03/25 16:15	New York
460-336467-8	1B_7-14	Solid	10/03/25 08:35	10/03/25 16:15	New York
460-336467-9	1C_0-7	Solid	10/03/25 08:40	10/03/25 16:15	New York
460-336467-10	1C_7-14	Solid	10/03/25 08:45	10/03/25 16:15	New York
460-336467-11	1D_0-7	Solid	10/03/25 08:50	10/03/25 16:15	New York
460-336467-12	1D_7-14	Solid	10/03/25 08:55	10/03/25 16:15	New York
460-336467-13	1E_0-7	Solid	10/03/25 09:00	10/03/25 16:15	New York
460-336467-14	1E_7-14	Solid	10/03/25 09:05	10/03/25 16:15	New York
460-336467-15	1F_0-7	Solid	10/03/25 09:10	10/03/25 16:15	New York
460-336467-16	1F_7-14	Solid	10/03/25 09:15	10/03/25 16:15	New York
460-336467-17	1G_0-7	Solid	10/03/25 09:20	10/03/25 16:15	New York
460-336467-18	1G_7-14	Solid	10/03/25 09:25	10/03/25 16:15	New York
460-336467-19	1H_0-7	Solid	10/03/25 09:30	10/03/25 16:15	New York
460-336467-20	1H_7-14	Solid	10/03/25 09:35	10/03/25 16:15	New York
460-336467-21	2A1_1-2	Solid	10/03/25 09:40	10/03/25 16:15	New York
460-336467-22	2A2_3-4	Solid	10/03/25 09:45	10/03/25 16:15	New York
460-336467-23	2A3_4-5	Solid	10/03/25 09:50	10/03/25 16:15	New York
460-336467-24	2A1_6-7	Solid	10/03/25 09:55	10/03/25 16:15	New York
460-336467-25	2A2_8-9	Solid	10/03/25 10:00	10/03/25 16:15	New York
460-336467-26	2A3_10-11	Solid	10/03/25 10:05	10/03/25 16:15	New York
460-336467-27	2A1_11-12	Solid	10/03/25 10:10	10/03/25 16:15	New York
460-336467-28	2B1_1-2	Solid	10/03/25 10:15	10/03/25 16:15	New York
460-336467-29	2B2_2-3	Solid	10/03/25 10:20	10/03/25 16:15	New York
460-336467-30	2B3_4-5	Solid	10/03/25 10:25	10/03/25 16:15	New York
460-336467-31	2B1_6-7	Solid	10/03/25 10:30	10/03/25 16:15	New York
460-336467-32	2B2_8-9	Solid	10/03/25 10:35	10/03/25 16:15	New York
460-336467-33	2B3_9-10	Solid	10/03/25 10:40	10/03/25 16:15	New York
460-336467-34	2B1_10-11	Solid	10/03/25 10:45	10/03/25 16:15	New York
460-336467-35	1A1_1-2	Solid	10/03/25 10:50	10/03/25 16:15	New York
460-336467-36	1A2_3-4	Solid	10/03/25 10:55	10/03/25 16:15	New York
460-336467-37	1A3_4-5	Solid	10/03/25 11:00	10/03/25 16:15	New York
460-336467-38	1A1_6-7	Solid	10/03/25 11:05	10/03/25 16:15	New York
460-336467-39	1A2_8-9	Solid	10/03/25 11:10	10/03/25 16:15	New York
460-336467-40	1A3_10-11	Solid	10/03/25 11:15	10/03/25 16:15	New York
460-336467-41	1A1_12-13	Solid	10/03/25 11:20	10/03/25 16:15	New York
460-336467-42	1B1_1-2	Solid	10/03/25 11:25	10/03/25 16:15	New York
460-336467-43	1B2_3-4	Solid	10/03/25 11:30	10/03/25 16:15	New York
460-336467-44	1B3_4-5	Solid	10/03/25 11:35	10/03/25 16:15	New York
460-336467-45	1B1_6-7	Solid	10/03/25 11:40	10/03/25 16:15	New York
460-336467-46	1B2_8-9	Solid	10/03/25 11:45	10/03/25 16:15	New York
460-336467-47	1B3_9-10	Solid	10/03/25 11:50	10/03/25 16:15	New York
460-336467-48	1B1_10-11	Solid	10/03/25 11:55	10/03/25 16:15	New York
460-336467-49	1C1_2-3	Solid	10/03/25 12:00	10/03/25 16:15	New York
460-336467-50	1C2_3-4	Solid	10/03/25 12:05	10/03/25 16:15	New York
460-336467-51	1C3_5-6	Solid	10/03/25 12:10	10/03/25 16:15	New York
460-336467-52	1C1_6-7	Solid	10/03/25 12:15	10/03/25 16:15	New York
460-336467-53	1C2_8-9	Solid	10/03/25 12:20	10/03/25 16:15	New York

Sample Summary

Client: Haley & Aldrich, Inc.
Project/Site: Former Port Mobil

Job ID: 460-336467-1

Lab Sample ID	Client Sample ID	Matrix	Collected	Received	Sample Origin
460-336467-54	1C3_10-11	Solid	10/03/25 12:25	10/03/25 16:15	New York
460-336467-55	1C1_11-12	Solid	10/03/25 12:30	10/03/25 16:15	New York
460-336467-56	1D1_1-2	Solid	10/03/25 12:35	10/03/25 16:15	New York
460-336467-57	1D2_2-3	Solid	10/03/25 12:40	10/03/25 16:15	New York
460-336467-58	1D3_4-5	Solid	10/03/25 12:45	10/03/25 16:15	New York
460-336467-59	1D1_6-7	Solid	10/03/25 12:50	10/03/25 16:15	New York
460-336467-60	1D2_7-8	Solid	10/03/25 12:55	10/03/25 16:15	New York
460-336467-61	1D3_9-10	Solid	10/03/25 13:00	10/03/25 16:15	New York
460-336467-62	1D1_13-14	Solid	10/03/25 13:05	10/03/25 16:15	New York
460-336467-63	1E1_1-2	Solid	10/03/25 13:10	10/03/25 16:15	New York
460-336467-64	1E2_3-4	Solid	10/03/25 13:15	10/03/25 16:15	New York
460-336467-65	1E3_4-5	Solid	10/03/25 13:20	10/03/25 16:15	New York
460-336467-66	1E1_6-7	Solid	10/03/25 13:25	10/03/25 16:15	New York
460-336467-67	1E2_8-9	Solid	10/03/25 13:30	10/03/25 16:15	New York
460-336467-68	1E3_10-11	Solid	10/03/25 13:35	10/03/25 16:15	New York
460-336467-69	1E2_13-14	Solid	10/03/25 13:40	10/03/25 16:15	New York
460-336467-70	1F1_2-3	Solid	10/03/25 13:45	10/03/25 16:15	New York
460-336467-71	1F2_4-5	Solid	10/03/25 13:50	10/03/25 16:15	New York
460-336467-72	1F3_5-6	Solid	10/03/25 13:55	10/03/25 16:15	New York
460-336467-73	1F1_7-8	Solid	10/03/25 14:00	10/03/25 16:15	New York
460-336467-74	1F2_8-9	Solid	10/03/25 14:05	10/03/25 16:15	New York
460-336467-75	1F3_10-11	Solid	10/03/25 14:10	10/03/25 16:15	New York
460-336467-76	1F1_12-13	Solid	10/03/25 14:15	10/03/25 16:15	New York
460-336467-77	1G1_1-2	Solid	10/03/25 14:20	10/03/25 16:15	New York
460-336467-78	1G2_2-3	Solid	10/03/25 14:25	10/03/25 16:15	New York
460-336467-79	1G3_4-5	Solid	10/03/25 14:30	10/03/25 16:15	New York
460-336467-80	1G1_5-6	Solid	10/03/25 14:35	10/03/25 16:15	New York
460-336467-81	1G2_8-9	Solid	10/03/25 14:40	10/03/25 16:15	New York
460-336467-82	1G3_9-10	Solid	10/03/25 14:45	10/03/25 16:15	New York
460-336467-83	1G2_12-13	Solid	10/03/25 14:50	10/03/25 16:15	New York
460-336467-84	1H1_1-2	Solid	10/03/25 14:55	10/03/25 16:15	New York
460-336467-85	1H2_3-4	Solid	10/03/25 15:00	10/03/25 16:15	New York
460-336467-86	1H3_4-5	Solid	10/03/25 15:05	10/03/25 16:15	New York
460-336467-87	1H1_6-7	Solid	10/03/25 15:10	10/03/25 16:15	New York
460-336467-88	1H2_8-9	Solid	10/03/25 15:15	10/03/25 16:15	New York
460-336467-89	1H3_9-10	Solid	10/03/25 15:20	10/03/25 16:15	New York
460-336467-90	1H1_11-12	Solid	10/03/25 15:25	10/03/25 16:15	New York

Eurofins Edison
777 New Durham Road
Edison NJ 08817
Phone: 732-549-3900 Fax: 732-549-3679

Chain of Custody Record

eurofins | Environment Testing

Client Information	Sampler: KRD	Lab PM: Flannery, Elizabeth J	Carrier Tracking No(s):	COC No: 460-200646-131313.1
Client Contact: Sarah Commisso	Phone:	E-Mail: Elizabeth.Flannery@et.eurofinsus.com	State of Origin:	Page: Page ~~1 of 5~~ 1/9
Company: Haley & Aldrich, Inc.	PWSID:	Analysis Requested		Job #: 336467
Address: 213 West 35th Street, 7th Floor	Due Date Requested:			Preservation Codes: N None
City: New York	TAT Requested (days): 5-DAY			
State, Zip: NY 10001	Compliance Project: Δ Yes Δ No			
Phone:	PO #: 0213836-001-002-03 ~~0208988-001-001-06~~			
Email: SCommisso@haleyaldrich.com	WO #: 4101 Arthur Kill Road, Staten Island, NY			
Project Name: 4101 Arthur Kill Former Port Mobil	Project #: 46042832			
Site:	SSOW#:			

SHORT HOLD

460-336467 Chain of Custody

Sample Identification	Sample Date	Sample Time	Sample Type (C=comp, G=grab)	Matrix (W=water, S=solid, O=waste/oil, BT=Tissue, A=Air, DW=Drinking Water)	Field Filtered Sample (Yes or No)	Perform MS/MSD (Yes or No)	1633A 1633 Standard List 40	60208, 7471B, 8081B, 8082A, 8270E	Total Num	Special Instructions/Note:
			Preservation Code:				N			
2A_0-6	10/3/25	800	C	Solid			X	X		1
2A_6-12		805		Solid						2
2B_0-6		810		Solid						3
2B_6-12		815		Solid						4
1A_0-7		820		Solid						5
1A_7-14		825		Solid						6
1B_0-7		830		Solid						7
1B_7-14		835		Solid						8
1C_0-7		840		Solid						9
1C_7-14		845		Solid						10
1D_0-7		850		Solid						11

Possible Hazard Identification
☐ Non-Hazard ☐ Flammable ☐ Skin Irritant ☐ Poison B ☐ Unknown ☐ Radiological

Sample Disposal (A fee may be assessed if samples are retained longer than 1 month)
☐ Return To Client ☐ Disposal By Lab ☐ Archive For _____ Months

Deliverable Requested: I, II III, IV Other (specify)

Special Instructions/QC Requirements:

Empty Kit Relinquished by:	Date:	Time:	Method of Shipment:				
Relinquished by: Kassidy OConnor	Date/Time: 10/3/25	Company: M&A	Received by:	Date/Time: 10/3 15.15	Company: ET
Relinquished by:	Date/Time: 10/3 1615	Company: ET	Received by: Emily Hoffman	Date/Time: 10/3/25 1615	Company: ETA
Relinquished by:	Date/Time:	Company	Received by:	Date/Time:	Company

Custody Seals Intact: Δ Yes Δ No | Custody Seal No.: N/A

Cooler Temperature(s) °C and Other Remarks: 1) 1.3 / 1.0 ~~1.9~~

Ver: 10/10/2024

Eurofins Edison
777 New Durham Road
Edison, NJ 08817
Phone: 732-549-3900 Fax: 732-549-3679

Chain of Custody Record

eurofins | Environment Testing

Client Information	Sampler: KRO	Lab PM: Flannery Elizabeth J	Carrier Tracking No(s):	COC No: 460-200646-131313.1
Client Contact: Sarah Commisso	Phone:	E-Mail: Elizabeth.Flannery@et.eurofinsus.com	State of Origin:	Page: Page ~~1 of 5~~ 2/9
Company: Haley & Aldrich, Inc.	PWSID:			Job #: 336457
Address: 213 West 35th Street, 7th Floor	Due Date Requested:			
City: New York	TAT Requested (days): 5-DAY			
State, Zip: NY 10001	Compliance Project: Δ Yes Δ No			
Phone:	PO #: 0213836-001-002-03 ~~0208988-001-001-06~~			
Email: SCommisso@haleyaldrich.com	WO #: 4101 Arthur Kill Road, Staten Island, NY			
Project Name: 4101 Arthur Kill Former Port Mobil	Project #: 46042832			
Site:	SSOW#:			

Analysis Requested

Sample Identification	Sample Date	Sample Time	Sample Type (C=comp, G=grab)	Matrix (W=water, S=solid, O=waste/oil, BT=Tissue, A=Air, DW=Drinking Water)	Field Filtered Sample (Yes or No)	Perform MS/MSD (Yes or No)	1633A 1633 Standard List 40	6020B, 7471B, 8081B, 8082A, 8270E	Total Number of containers	Special Instructions/Note:
			Preservation Code:				N			
ID_7-14	10/3/25	855	C	Solid			X	X		12
1E_0-7	"	900	"	Solid			"	"		13
1E_7-14	"	905	"	Solid			"	"		14
1F_0-7	"	910	"	Solid			"	"		15
1F_7-14	"	915	"	Solid			"	"		16
1G_0 7	"	920	"	Solid			"	"		17
1G_7-14	"	925	"	Solid			"	"		18
1H_0-7	"	930	"	Solid			"	"		19
1H_7-14	"	935	"	Solid			"	"		20
		9*		Solid						
				Solid						

Other:

Possible Hazard Identification
☐ Non-Hazard ☐ Flammable ☐ Skin Irritant ☐ Poison B ☐ Unknown ☐ Radiological

Sample Disposal (A fee may be assessed if samples are retained longer than 1 month)
☐ Return To Client ☐ Disposal By Lab ☐ Archive For _____ Months

Deliverable Requested: I, II, III, IV Other (specify)

Special Instructions/QC Requirements:

Empty Kit Relinquished by:	Date:	Time:	Method of Shipment:

	Relinquished by:	Date/Time:	Company	Received by:	Date/Time:	Company
1	Kassidy Oconnor	10/3/25	H&A		10/3 1515	E&T
2		10/3 16.15	EET	Emely Haller	10/3/25 1615	E+A
3	Relinquished by:	Date/Time:	Company	Received by:	Date/Time:	Company

Custody Seals Intact: Δ Yes Δ No | Custody Seal No.: N/A

Cooler Temperature(s) °C and Other Remarks: 1) 1.8/1.5 2) 1.3/1.0 #9

Ver 10/10/2024

Eurofins Edison
777 New Durham Road
Edison NJ 08817
Phone: 732-549-3900 Fax: 732-549-3679

Chain of Custody Record

eurofins | Environment Testing

Client Information	Sampler: KRD	Lab PM: Flannery Elizabeth J	Carrier Tracking No(s):	COC No: 460-200646-131313.2
Client Contact: Sarah Commisso	Phone:	E-Mail: Elizabeth.Flannery@et.eurofinsus.com	State of Origin:	Page: Page ~~2 of 5~~ 3/9
Company: Haley & Aldrich, Inc.	PWSID:	Analysis Requested		Job #: 336467
Address: 213 West 35th Street, 7th Floor	Due Date Requested:			Preservation Codes: N None
City: New York	TAT Requested (days): 5-DAY			
State, Zip: NY 10001	Compliance Project: Δ Yes Δ No			
Phone:	PO #: 02138216-001-002-03 ~~0208988-001-001-06~~			
Email: SCommisso@haleyaldrich.com	WO #: 4101 Arthur Kill Road, Staten Island, NY			
Project Name: 4101 Arthur Kill - Former Port Mobil	Project #: 46042832			
Site:	SSOW#:			Other:

Sample Identification	Sample Date	Sample Time	Sample Type (C=comp, G=grab)	Matrix (W=water, S=solid, O=waste/oil, BT=Tissue, A=Air, DW=Drinking Water)	Field Filtered Sample (Yes or No)	Perform MS/MSD (Yes or No)	1633A_1633_Standard_List_40	8260D TCL /Part 375 VOCs	Total Number of containers	Special Instructions/Note:
		Preservation Code:			N	F				
2A1_1-2	10/3/24	940	G	Solid				X		21
2A2_3-4		945		Solid						22
2A3_4-5		950		Solid						23
2A1_6-7		955		Solid						24
2A2_8-9		1000		Solid						25
2A3_10 11		1005		Solid						26
2A1_11-12		1010		Solid						27
2B1_1-2		1015		Solid						28
2B2=2-3		1020		Solid						29
2B3_4-5		1025		Solid						30
2B1_6-7		1030		Solid						31

Possible Hazard Identification
☐ Non-Hazard ☐ Flammable ☐ Skin Irritant ☐ Poison B ☐ Unknown ☐ Radiological

Sample Disposal (A fee may be assessed if samples are retained longer than 1 month)
☐ Return To Client ☐ Disposal By Lab ☐ Archive For _____ Months

Deliverable Requested: I, II, III, IV Other (specify)

Special Instructions/QC Requirements:

Empty Kit Relinquished by:	Date:	Time:	Method of Shipment:

	Relinquished by:	Date/Time:	Company	Received by:	Date/Time:	Company
1	Kassidy OConnor	10/3/25	H&A		10/3 1515	ET
2		10/3 16:15	ET	Emely Hafler	10/3/25 1615	ETA
3						

Custody Seals Intact: Δ Yes Δ No | Custody Seal No.: N/A

Cooler Temperature(s) °C and Other Remarks: 1) 1.8 / 1.7 2) 1.3 / 1.0 #9

Ver 10/10/2024

Eurofins Edison
777 New Durham Road
Edison, NJ 08817
Phone: 732-549-3900 Fax: 732-549-3679

Chain of Custody Record

eurofins | Environment Testing

Client Information	Sampler: KRD	Lab PM: Flannery, Elizabeth J	Carrier Tracking No(s):	COC No: 460-200646-131313.2
Client Contact: Sarah Commisso	Phone:	E-Mail: Elizabeth.Flannery@et.eurofinsus.com	State of Origin:	Page: Page ~~2 of 5~~ 4 19
Company: Haley & Aldrich, Inc.	PWSID:	Analysis Requested		Job #: ~~220467~~ 220467
Address: 213 West 35th Street, 7th Floor	Due Date Requested:			Preservation Codes: N None
City: New York	TAT Requested (days): 5-DAY			
State, Zip: NY 10001	Compliance Project: Δ Yes Δ No			
Phone:	PO #: ~~0208983-001 001-06~~ 02138836-001-002-03			
Email: SCommisso@haleyaldrich.com	WO #: 4101 Arthur Kill Road, Staten Island, NY			
Project Name: 4101 Arthur Kill Former Port Mobil	Project #: 46042832			
Site:	SSOW#:			Other

Sample Identification	Sample Date	Sample Time	Sample Type (C=comp, G=grab)	Matrix (W=water, S=solid, O=waste/oil, BT=Tissue, A=Air, DW=Drinking Water)	Field Filtered Sample (Yes or No)	Perform MS/MSD (Yes or No)	1633A_1633-Standard-List-40-	8260D TCL IPAH 375 VOCs	Total Number of containers	Special Instructions/Note:
			Preservation Code:			N				
2B2_8-9	10/3/25	1035	G	Solid				X		32
2B3_9-10		1040		Solid						33
2B1_10-11		1045		Solid						34
1A1_1-2		1050		Solid						35
1A2_3-4		1055		Solid						36
1A3_4-5		1100		Solid						37
1A1_6-7		1105		Solid						38
1A2_8-9		1110		Solid						39
1A3_10-11		1115		Solid						40
1A1_12-13		1120		Solid						41
1B1_1-2		1125		Solid						42

Possible Hazard Identification
☐ Non-Hazard ☐ Flammable ☐ Skin Irritant ☐ Poison B ☐ Unknown ☐ Radiological

Sample Disposal (A fee may be assessed if samples are retained longer than 1 month)
☐ Return To Client ☐ Disposal By Lab ☐ Archive For _____ Months

Deliverable Requested: I, II, III, IV Other (specify)

Special Instructions/QC Requirements:

Empty Kit Relinquished by:	Date:	Time:	Method of Shipment:				
Relinquished by: Kassidy Oconnor	Date/Time: 10/3/25	Company: H&A	Received by:	Date/Time: 10/3 15:15	Company: EET
Relinquished by:	Date/Time: 10/3 16:15	Company: EET	Received by: Emily Moffler	Date/Time: 10/3/25 16:15	Company: ETA
Relinquished by:	Date/Time:	Company	Received by:	Date/Time:	Company

Custody Seals Intact: Δ Yes Δ No | Custody Seal No.: N/A

Cooler Temperature(s) °C and Other Remarks: 1) 1.7/1.8/1.8 2) 1.3/1.0 #9

Ver 10/10/2024

Eurofins Edison
777 New Durham Road
Edison NJ 08817
Phone: 732-549-3900 Fax: 732-549-3679

Chain of Custody Record

eurofins | Environment Testing

Client Information	Sampler: KRO	Lab PM: Flannery Elizabeth J	Carrier Tracking No(s):	COC No: 460-200646-131313.3
Client Contact: Sarah Commisso	Phone:	E-Mail: Elizabeth.Flannery@et.eurofinsus.com	State of Origin:	Page: Page ~~3 of 5~~ 5/9
Company: Haley & Aldrich, Inc.	PWSID:	Analysis Requested		Job #: 326467
Address: 213 West 35th Street, 7th Floor	Due Date Requested:			Preservation Codes: N None
City: New York	TAT Requested (days): 5-DAY			
State, Zip: NY 10001	Compliance Project: Δ Yes Δ No			
Phone:	PO #: 0213836-001-002-03 ~~0208088-001-001-06~~			
Email: SCommisso@haleyaldrich.com	WO #: 4101 Arthur Kill Road, Staten Island, NY			
Project Name: 4101 Arthur Kill - Former Port Mobil	Project #: 46042832			Other:
Site:	SSOW#:			

Sample Identification	Sample Date	Sample Time	Sample Type (C=comp, G=grab)	Matrix (W=water, S=solid, O=waste/oil, BT=Tissue, A=Air, DW=Drinking Water)	Field Filtered Sample (Yes or No)	Perform MS/MSD (Yes or No)	1633A-1633 Standard List 40	8260D TCL/Voc Para 375 VOC	Total Number of containers	Special Instructions/Note:
			Preservation Code:		X	X	N	X	X	
1B2_3-4	10/3/25	1130	G	Solid				X		43
1B3_4-5		1135		Solid						44
1B1_6-7		1140		Solid						45
1B2_8-9		1145		Solid						46
1B3_9-10		1150		Solid						47
1B2_10-11		1155		Solid						48
1C1_2-3		1200		Solid						49
1C2_3-4		1205		Solid						50
1C3_5-6		1210		Solid						51
1C1_6-7		1215		Solid						52
1C2_8-9		1220		Solid						53

Possible Hazard Identification
☐ Non-Hazard ☐ Flammable ☐ Skin Irritant ☐ Poison B ☐ Unknown ☐ Radiological

Sample Disposal (A fee may be assessed if samples are retained longer than 1 month)
☐ Return To Client ☐ Disposal By Lab ☐ Archive For _____ Months

Deliverable Requested: I, II, III, IV Other (specify)

Special Instructions/QC Requirements:

Empty Kit Relinquished by:	Date:	Time:	Method of Shipment:

	Relinquished by:	Date/Time:	Company	Received by:	Date/Time:	Company
1	Kassidy OConnor	10/3/25	H&A		10/3 15:15	ET
2		10/3 1615	ET	Emily Hoffman	10/3/25 1615	ET
3						

Custody Seals Intact: Δ Yes Δ No | Custody Seal No.: N/A

Cooler Temperature(s) °C and Other Remarks: 1.) 1.8/1.5 2) 1.3/1.0 #9

Ver: 10/10/2024

Eurofins Edison
777 New Durham Road
Edison, NJ 08817
Phone: 732-549-3900 Fax: 732-549-3679

Chain of Custody Record

eurofins | Environment Testing

Client Information	Sampler: KRO	Lab PM: Flannery Elizabeth J	Carrier Tracking No(s):	COC No: 460-200646-131313.3
Client Contact: Sarah Commisso	Phone:	E-Mail: Elizabeth.Flannery@et.eurofinsus.com	State of Origin:	Page: ~~Page 3 of 5~~ 6 9
Company: Haley & Aldrich, Inc.	PWSID:	Analysis Requested		Job #: 336467
Address: 213 West 35th Street, 7th Floor	Due Date Requested:			Preservation Codes: N None
City: New York	TAT Requested (days): 5-DAY			
State, Zip: NY 10001	Compliance Project: Δ Yes Δ No			
Phone:	PO #: 0213836-001-002 03 ~~0200988-001-001-06~~			
Email: SCommisso@haleyaldrich.com	WO #: 4101 Arthur Kill Road, Staten Island, NY			
Project Name: 4101 Arthur Kill - Former Port Mobil	Project #: 46042832			Other:
Site:	SSOW#:			

Sample Identification	Sample Date	Sample Time	Sample Type (C=comp, G=grab)	Matrix (W=water, S=solid, O=waste/oil, BT=Tissue, A=Air, DW=Drinking Water)	Field Filtered Sample (Yes or No)	Perform MS/MSD (Yes or No)	1633A_1633-Standard-List-40_	8260D TCL/Part 375 VOC	Total Number of containers	Special Instructions/Note:
			Preservation Code:			N				
IC3_10-11	10/3/25	1225	G	Solid				X		54
IC1_11-12		1230		Solid						55
ID1_1-2		1235		Solid						56
ID2_2-3		1240		Solid						57
ID3_4-5		1245		Solid						58
ID1_6-7		1250		Solid						59
ID2_7-8		1255		Solid						60
ID3_9-10		1300		Solid						61
ID1_13-14		1305		Solid						62
IE1_1-2		1310		Solid						63
IE2_3-4		1315		Solid						64

Possible Hazard Identification
☐ Non-Hazard ☐ Flammable ☐ Skin Irritant ☐ Poison B ☐ Unknown ☐ Radiological

Sample Disposal (A fee may be assessed if samples are retained longer than 1 month)
☐ Return To Client ☐ Disposal By Lab ☐ Archive For _____ Months

Deliverable Requested: I, II, III, IV Other (specify)

Special Instructions/QC Requirements:

Empty Kit Relinquished by:	Date:	Time:	Method of Shipment:

Relinquished by:	Date/Time:	Company	Received by:	Date/Time:	Company
Kassidy OConnor	10/3/25	M&T		10/3 15:15	ET
Relinquished by:	Date/Time: 10/3 1615	Company ET	Received by: Emily Maffei	Date/Time: 10/3/25 1615	Company ET
Relinquished by:	Date/Time:	Company	Received by:	Date/Time:	Company

Custody Seals Intact: Δ Yes Δ No | Custody Seal No.: N/A

Cooler Temperature(s) °C and Other Remarks: 1.) 1.8/1.5 2) 1.3/1.0 #9

Ver: 10/10/2024

Eurofins Edison
777 New Durham Road
Edison, NJ 08817
Phone: 732-549-3900 Fax: 732-549-3679

Chain of Custody Record

eurofins | Environment Testing

Client Information	Sampler: KRO	Lab PM: Flannery, Elizabeth J	Carrier Tracking No(s):	COC No: 460-200645-131312.11
Client Contact: Sarah Commisso	Phone:	E-Mail: Elizabeth.Flannery@et.eurofinsus.com	State of Origin:	Page: ~~Page 11 of 21~~ 7 9
Company: Haley & Aldrich, Inc.	PWSID:			Job #: 240467
Address: 213 West 35th Street, 7th Floor	Due Date Requested:			Preservation Codes: N None, F MeOH
City: New York	TAT Requested (days): 5-DAY			
State, Zip: NY 10001	Compliance Project: Δ Yes Δ No			
Phone:	PO #: 02136816-001-002-03 ~~0208088-001-001-06~~			
Email: SCommisso@haleyaldrich.com	WO #: 4101 Arthur Kill Road, Staten Island, NY			
Project Name: 4101 Arthur Kill Former Port Mobil	Project #: 46042832			
Site:	SSOW#:			Other

Analysis Requested: Field Filtered Sample (Yes or No); Perform MS/MSD (Yes or No); 6020B, 7471B, 8081B, 8082A, 8270E; 8260D TCL/Part 375 VOCs; Total Number of Containers

Sample Identification	Sample Date	Sample Time	Sample Type (C=Comp, G=grab)	Matrix (W=water, S=solid, O=waste/oil BT=Tissue, A=Air, DW=Drinking Water)	Field Filtered	Perform MS/MSD	8260D	Total Containers	Special Instructions/Note:
Preservation Code:						N	F		
1E3_4-5	10/3/25	1320	G	Solid			X		65
1E1_6-7		1325		Solid					66
1E2_8-9		1330		Solid					67
1E3_10-11		1335		Solid					68
1E2_13-14		1340		Solid					69
1F1_2-3		1345		Solid					70
1F2_4-5		1350		Solid					71
1F3_5-6		1355		Solid					72
1F1_7-8		1400		Solid					73
1F2_8-9		1405		Solid					74
1F3_10-11		1410		Solid					75

Possible Hazard Identification
☐ Non-Hazard ☐ Flammable ☐ Skin Irritant ☐ Poison B ☐ Unknown ☐ Radiological

Sample Disposal (A fee may be assessed if samples are retained longer than 1 month)
☐ Return To Client ☐ Disposal By Lab ☐ Archive For _____ Months

Deliverable Requested: I, II, III IV Other (specify)

Special Instructions/QC Requirements:

Empty Kit Relinquished by:	Date:	Time:	Method of Shipment:

	Relinquished by	Date/Time	Company	Received by	Date/Time	Company
1	Kassidy OConnor	10/3/25	HA		10/3 15:15	ET
2		10/3 16 15	ET	Emily Hoffer	10/3/25 1615	ET
3		Date/Time:	Company	Received by:	Date/Time:	Company

Custody Seals Intact: Δ Yes Δ No | Custody Seal No.: N/A

Cooler Temperature(s) °C and Other Remarks: 1) 1.8 | 1.5 2) 1.3 | 1.0 #9

Ver: 10/10/2024

Eurofins Edison
777 New Durham Road
Edison, NJ 08817
Phone: 732-549-3900 Fax: 732-549-3679

Chain of Custody Record

eurofins | Environment Testing

Client Information	Sampler: KDO	Lab PM: Flannery Elizabeth J	Carrier Tracking No(s):	COC No: 460-200645-131312.12
Client Contact: Sarah Commisso	Phone:	E-Mail: Elizabeth.Flannery@et.eurofinsus.com	State of Origin:	Page: Page 12 of 21 — 8/9
Company: Haley & Aldrich, Inc.	PWSID:			Job #: 336467
Address: 213 West 35th Street, 7th Floor	Due Date Requested:			
City: New York	TAT Requested (days): 5-DAY			
State, Zip: NY 10001	Compliance Project: Δ Yes Δ No			
Phone:	PO #: 0213830 -00 -002-03 ~~0208988-001-001-06~~			
Email: SCommisso@haleyaldrich.com	WO #: 4101 Arthur Kill Road, Staten Island, NY			
Project Name: 4101 Arthur Kill Former Port Mobil	Project #: 46042832			
Site:	SSOW#:			

Analysis Requested

Preservation Codes:
N None
F MeOH
Other

Sample Identification	Sample Date	Sample Time	Sample Type (C=comp, G=grab)	Matrix (W=water, S=solid, O=waste/oil, BT=Tissue, A=Air, DW=Drinking Water)	Field Filtered Sample (Yes or No)	Perform MS/MSD (Yes or No)	6020B_7471B_8081B_8082A_8270E	8260D TCL/Part 375 VOCs	Total Number of containers	Special Instructions/Note:
Preservation Code:							N	F		
1F1_12-13	10/3/25	1415	G	Solid				X		76
1G1_1-2	"	1420	"	Solid				"		77
1G2_2-3	"	1425	"	Solid				"		78
1G3_4-5	"	1430	"	Solid				"		79
1G1_5-6	"	1435	"	Solid				"		80
1G2_8-9	"	1440	"	Solid				"		81
1G3_9-10	"	1445	"	Solid				"		82
1G2_12-13	"	1450	"	Solid				"		83
1H1_1-2	"	1455	"	Solid				"		84
1H2_3-4	"	1500	"	Solid				"		85
1H3_4-5	"	1505	"	Solid				"		86

Possible Hazard Identification
☐ Non-Hazard ☐ Flammable ☐ Skin Irritant ☐ Poison B ☐ Unknown ☐ Radiological

Sample Disposal (A fee may be assessed if samples are retained longer than 1 month)
☐ Return To Client ☐ Disposal By Lab ☐ Archive For _____ Months

Deliverable Requested: I, II, III, IV Other (specify)

Special Instructions/QC Requirements:

Empty Kit Relinquished by:	Date:	Time:	Method of Shipment:				
Relinquished by: Kassidy OConnor	Date/Time: 10/3/25	Company: H&A	Received by:	Date/Time: 10/3 15:15	Company: ECI
Relinquished by:	Date/Time: 10/3 16.15	Company: ECI	Received by: Emily Moffa	Date/Time: 10/3/25 1615	Company: ECI
Relinquished by:	Date/Time:	Company	Received by:	Date/Time:	Company

Custody Seals Intact: Δ Yes Δ No | Custody Seal No.: N/A

Cooler Temperature(s) °C and Other Remarks: 1) 1.8/1.5 2) 1.3/1.0 #9

Ver: 10/10/2024

Eurofins Edison
777 New Durham Road
Edison, NJ 08817
Phone: 732-549-3900 Fax: 732-549-3679

Chain of Custody Record

eurofins | Environment Testing

Client Information	Sampler: KRO	Lab PM: Flannery Elizabeth J	Carrier Tracking No(s):	COC No: 460-200645-131312.13
Client Contact: Sarah Commisso	Phone:	E-Mail: Elizabeth.Flannery@et.eurofinsus.com	State of Origin:	Page: ~~Page 43 of 21~~ 9/9
Company: Haley & Aldrich, Inc.	PWSID:			Job #: 34467
Address: 213 West 35th Street, 7th Floor	Due Date Requested:			
City: New York	TAT Requested (days): 5-DAY			
State, Zip: NY 10001	Compliance Project: Δ Yes Δ No			
Phone:	PO #: 02 3536-001-002-03 ~~0208988-001-001-06~~			
Email: SCommisso@haleyaldrich.com	WO #: 4101 Arthur Kill Road, Staten Island, NY			
Project Name: 4101 Arthur Kill Former Port Mobil	Project #: 46042832			
Site:	SSOW#:			

Analysis Requested

Preservation Codes: N None; F MeOH

Sample Identification	Sample Date	Sample Time	Sample Type (C=Comp, G=grab)	Matrix (W=water, S=solid, O=waste/oil, BT=Tissue, A=Air, DW=Drinking Water)	Field Filtered Sample (Yes or No)	Perform MS/MSD (Yes or No)	6020B_747.1B, 8081B, 8082A, 8270E	8260D TCL/Part 375 VOCs	Total Number of containers	Special Instructions/Note:
			Preservation Code:				N	F		
IH1_6-7	10/3/25	1510	G	Solid				X		87
IH2_8-9	"	1515	"	Solid				"		88
IH3_9-10	"	1520	"	Solid				"		89
IH1_11-12	"	1525	"	Solid				"		90
				Solid						
				Solid						
				Solid						
				Solid						
				Solid						
				Solid						
				Solid						
				Solid						

Other:

Possible Hazard Identification
☐ Non-Hazard ☐ Flammable ☐ Skin Irritant ☐ Poison B ☐ Unknown ☐ Radiological

Sample Disposal (A fee may be assessed if samples are retained longer than 1 month)
☐ Return To Client ☐ Disposal By Lab ☐ Archive For _____ Months

Deliverable Requested: I, II, III IV Other (specify)

Special Instructions/QC Requirements:

Empty Kit Relinquished by:	Date:	Time:	Method of Shipment:			
Relinquished by: Kasey OConnor	Date/Time: 10/3/25	Company: H&A	Received by:	Date/Time: 10/3 15.15	Company: ET
Relinquished by:	Date/Time: 10/3 16:15	Company: ET	Received by:	Date/Time: 10/3/25 1615	Company: ET
Relinquished by:	Date/Time:	Company	Received by:	Date/Time:	Company

Custody Seals Intact: Δ Yes Δ No | Custody Seal No.: N/A

Cooler Temperature(s) °C and Other Remarks: 7/8/1.3 2/1.3/1.0 #9

Ver: 10/10/2024

Eurofins TestAmerica Edison
Receipt Temperature and pH Log

Job Number: 330467

Number of Coolers: 2 IR Gun # 9

Cooler Temperatures

	RAW	CORRECTED		RAW	CORRECTED		RAW	CORRECTED
Cooler #1:	1.8 °C	1.5 °C	Cooler #4:	°C	°C	Cooler #7:	°C	°C
Cooler #2:	1.3 °C	1.0 °C	Cooler #5:	°C	°C	Cooler #8:	°C	°C
Cooler #3:	°C	°C	Cooler #6:	°C	°C	Cooler #9:	°C	°C

TALS Sample Number	Ammonia (pH<2)	COD (pH<2)	Nitrate Nitrite (pH<2)	Metals* (pH<2)	Hardness (pH<2)	Pest (pH 5-9)	EPH or OAM (pH<2)	Phenols (pH<2)	Sulfide (pH>9)	TKN (pH<2)	TOC (pH<2)	Total Cyanide (pH>12)	Total Phos (pH<2)	Other	Other

If pH adjustments are required record the information below:

Sample No(s). adjusted _____

Preservative Name/Conc. _____ Volume of Preservative used (ml) _____

Lot # of Preservative(s): _____ Expiration Date: _____

The appropriate Project Manager and Department Manager should be notified about the samples which were pH adjusted.

Samples for Metal analysis which are out of compliance must be acidified at least 24 hours prior to analysis.

Initials: VL Date: 10/3/25

EDS-WI-038, Rev 4.1
10/22/2019

Login Sample Receipt Checklist

Client: Haley & Aldrich, Inc.

Job Number: 460-336467-1

Login Number: 336467
List Number: 1
Creator: Rivera, Kenneth

List Source: Eurofins Edison

Question	Answer	Comment
Radioactivity wasn't checked or is </= background as measured by a survey meter.	True	
The cooler's custody seal, if present, is intact.	True	
Sample custody seals, if present, are intact.	True	
The cooler or samples do not appear to have been compromised or tampered with.	True	
Samples were received on ice.	True	
Cooler Temperature is acceptable.	True	
Cooler Temperature is recorded.	True	
COC is present.	True	
COC is filled out in ink and legible.	True	
COC is filled out with all pertinent information.	True	
Is the Field Sampler's name present on COC?	True	
There are no discrepancies between the containers received and the COC.	True	
Samples are received within Holding Time (excluding tests with immediate HTs)	True	
Sample containers have legible labels.	True	
Containers are not broken or leaking.	True	
Sample collection date/times are provided.	True	
Appropriate sample containers are used.	True	
Sample bottles are completely filled.	True	
Sample Preservation Verified.	True	
There is sufficient vol. for all requested analyses, incl. any requested MS/MSDs	True	
Containers requiring zero headspace have no headspace or bubble is <6mm (1/4").	True	
Multiphasic samples are not present.	True	
Samples do not require splitting or compositing.	True	
Residual Chlorine Checked.	True	

Login Sample Receipt Checklist

Client: Haley & Aldrich, Inc.

Job Number: 460-336467-1

Login Number: 336467
List Number: 2
Creator: Cyms, Carolyn M

List Source: Eurofins Lancaster Laboratories Environment Testing, LLC
List Creation: 10/06/25 02:43 AM

Question	Answer	Comment
The cooler's custody seal is intact.	True	
The cooler or samples do not appear to have been compromised or tampered with.	True	
Samples were received on ice.	True	
Cooler Temperature acceptable,where thermal pres is required(</=6C, not frozen).	True	
Cooler Temperature is recorded.	True	
WV:Container Temp acceptable,where thermal pres is required (</=6C, not frozen).	N/A	
WV: Container Temperature is recorded.	N/A	
COC is present.	True	
COC is filled out in ink and legible.	True	
COC is filled out with all pertinent information.	True	
There are no discrepancies between the containers received and the COC.	True	
Sample containers have legible labels.	True	
Containers are not broken or leaking.	True	
Sample collection date/times are provided.	True	
Appropriate sample containers are used.	True	
Sample bottles are completely filled.	True	
There is sufficient vol. for all requested analyses.	True	
Is the Field Sampler's name present on COC?	False	Received project as a subcontract.
Sample custody seals are intact.	N/A	Not present.
VOA sample vials do not have headspace >6mm in diameter (none, if from WV)?	N/A	

eurofins | Environment Testing

ANALYTICAL REPORT

PREPARED FOR

Attn: Sarah Commisso
Haley & Aldrich, Inc.
213 West 35th Street, 7th Floor
New York, New York 10001

Generated 10/15/2025 9:04:43 AM

JOB DESCRIPTION

Former Port Mobil

JOB NUMBER

460-336556-1

Eurofins Edison
777 New Durham Road
Edison NJ 08817

See page two for job notes and contact information.

myEOL

Eurofins Edison

Job Notes

This report may not be reproduced except in full, and with written approval from the laboratory. The results relate only to the samples tested. For questions please contact the Project Manager at the e-mail address or telephone number listed on this page.

The test results in this report relate only to the samples as received by the laboratory and will meet all requirements of the methodology, with any exceptions noted. This report shall not be reproduced except in full, without the express written approval of the laboratory. All questions should be directed to the Eurofins Environment Testing Northeast, LLC Project Manager.

Compliance Statement

I certify that this data package is in compliance with the terms and conditions of the contract, both technically and for completeness, for other than the conditions detailed within the body of this report. Release of the data contained in this sample data package and in the electronic data deliverable has been authorized by the Laboratory Manager or his/her designee, as verified by the following signature.

Authorization

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10/15/2025 9:04:43 AM

Authorized for release by
Elizabeth Flannery, Project Manager I
Elizabeth.Flannery@et.eurofinsus.com
(732)549-3900

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Qualifiers

GC/MS VOA

Qualifier	Qualifier Description
*	RPD of the LCS and LCSD exceeds the control limits
J	Indicates an estimated value.
U	Analyzed for but not detected.

GC/MS Semi VOA

Qualifier	Qualifier Description
J	Indicates an estimated value.
U	Analyzed for but not detected.

GC Semi VOA

Qualifier	Qualifier Description
U	Analyzed for but not detected.

LCMS

Qualifier	Qualifier Description
*	Isotope Dilution analyte is outside acceptance limits.
J	Indicates an estimated value.
U	Analyzed for but not detected.

Metals

Qualifier	Qualifier Description
*	Duplicate analysis not within control limits.
4	MS, MSD: The analyte present in the original sample is greater than 4 times the matrix spike concentration; therefore, control limits are not applicable.
J	Sample result is greater than the MDL but below the CRDL
N	Spiked sample recovery is not within control limits.
U	Indicates analyzed for but not detected.

General Chemistry

Qualifier	Qualifier Description
*	Duplicate analysis not within control limits.

Glossary

Abbreviation	These commonly used abbreviations may or may not be present in this report.
☼	Listed under the "D" column to designate that the result is reported on a dry weight basis
%R	Percent Recovery
CFL	Contains Free Liquid
CFU	Colony Forming Unit
CNF	Contains No Free Liquid
DER	Duplicate Error Ratio (normalized absolute difference)
Dil Fac	Dilution Factor
DL	Detection Limit (DoD/DOE)
DL, RA, RE, IN	Indicates a Dilution, Re-analysis, Re-extraction, or additional Initial metals/anion analysis of the sample
DLC	Decision Level Concentration (Radiochemistry)
EDL	Estimated Detection Limit (Dioxin)
LOD	Limit of Detection (DoD/DOE)
LOQ	Limit of Quantitation (DoD/DOE)
MCL	EPA recommended "Maximum Contaminant Level"
MDA	Minimum Detectable Activity (Radiochemistry)
MDC	Minimum Detectable Concentration (Radiochemistry)
MDL	Method Detection Limit
ML	Minimum Level (Dioxin)
MPN	Most Probable Number
MQL	Method Quantitation Limit
NC	Not Calculated
ND	Not Detected at the reporting limit (or MDL or EDL if shown)

Glossary (Continued)

Abbreviation	These commonly used abbreviations may or may not be present in this report.
NEG	Negative / Absent
POS	Positive / Present
PQL	Practical Quantitation Limit
PRES	Presumptive
QC	Quality Control
RER	Relative Error Ratio (Radiochemistry)
RL	Reporting Limit or Requested Limit (Radiochemistry)
RPD	Relative Percent Difference, a measure of the relative difference between two points
TEF	Toxicity Equivalent Factor (Dioxin)
TEQ	Toxicity Equivalent Quotient (Dioxin)
TNTC	Too Numerous To Count

Job Narrative
460-336556-1

The analytical test results presented in this report meet all requirements of the associated regulatory program listed on the Accreditation/Certification Summary Page, unless otherwise noted. Data qualifiers and/or narrative comments are included to explain any exceptions, if applicable. Regulated compliance samples (e.g. SDWA, NPDES) must comply with associated agency requirements/permits.

- Matrix-specific batch QC (e.g., MS, MSD, SD) may not be reported when insufficient sample volume is available or when site-specific QC samples are not submitted. In such cases, a Laboratory Control Sample Duplicate (LCSD) may be analyzed to provide precision data for the batch.
- For samples analyzed using surrogate and/or isotope dilution analytes, any recoveries falling outside of established acceptance criteria are re-prepared and/or re-analyzed to confirm results, unless the deviation is due to sample dilution or otherwise explained in the case narrative.

Receipt
The samples were received on 10/6/2025 3:30 PM. Unless otherwise noted below, the samples arrived in good condition, and, where required, properly preserved and on ice. The temperatures of the 3 coolers at receipt time were 1.4°C, 1.7°C and 2.1°C.

Method 8260D - Volatile Organic Compounds by GC/MS
Samples 48A1_0-1 (460-336556-13), 48A2_3-4 (460-336556-14), 48A3_1-2 (460-336556-15), 48A1_4-5 (460-336556-16), 48A2_5-6 (460-336556-17), 48A3_2-3 (460-336556-18), 48A1_5-6 (460-336556-19), 48B1_0-1 (460-336556-20), 48B2_1-2 (460-336556-21), 48B3_2-3 (460-336556-22), 48B1_3-4 (460-336556-23), 48B2_4-5 (460-336556-24), 48B3_5-6 (460-336556-25), 48B2_5-6 (460-336556-26), 48C1_0-1 (460-336556-27), 48C2_1-2 (460-336556-28), 48C3_2-3 (460-336556-29), 48C1_3-4 (460-336556-30), 48C2_4-5 (460-336556-31), 48C3_5-6 (460-336556-32), 48C3_1-2 (460-336556-33), 48D1_1-2 (460-336556-34), 48D2_2-3 (460-336556-35), 48D3_3-4 (460-336556-36), 48D1_4-5 (460-336556-37), 48D2_5-6 (460-336556-38), 48D3_5-6 (460-336556-39), 48D1_2-3 (460-336556-40), 61A1_1-2 (460-336556-41), 61A2_2-3 (460-336556-42), 61A3_3-4 (460-336556-43), 61A1_4-5 (460-336556-44), 61A2_5-6 (460-336556-45), 61A3_5-6 (460-336556-46), 61A2_0-1 (460-336556-47), 62A1_1-2 (460-336556-48), 62A2_2-3 (460-336556-49), 62A3_3-4 (460-336556-50), 62A1_4-5 (460-336556-51), 62A2_5-6 (460-336556-52), 62A3_7-8 (460-336556-53) and 62A1_9-10 (460-336556-54) were analyzed for Volatile Organic Compounds by GC/MS. The samples were prepared on 10/8/2025 and analyzed on 10/8/2025 and 10/9/2025.

The continuing calibration verification (CCV) analyzed in batch 460-1066734 was outside the method criteria for the following analyte: n-Butylbenzene. A CCV standard at or below the reporting limit (RL) was analyzed with the affected samples and found to be acceptable. As indicated in the reference method, sample analysis may proceed; however, any detection for the affected analyte is considered estimated.

The RPD of the laboratory control sample (LCS) and laboratory control sample duplicate (LCSD) for analytical batch 460-1066734 recovered outside control limits for the following analyte: Bromomethane.

The RPD of the laboratory control sample (LCS) and laboratory control sample duplicate (LCSD) for analytical batch 460-1067096 recovered outside control limits for the following analytes: Bromomethane and Chloroethane.

The RPD of the laboratory control sample (LCS) and laboratory control sample duplicate (LCSD) for analytical batch 460-1066847 recovered outside control limits for the following analyte: Bromomethane.

Method 8270E - Semivolatile Organic Compounds (GC/MS)
Samples 48A_0-3 (460-336556-1), 48A_3-6 (460-336556-2), 48B_0-3 (460-336556-3), 48B_3-6 (460-336556-4), 48C_0-3 (460-336556-5), 48C_3-6 (460-336556-6), 48D_0-3 (460-336556-7), 48D_3-6 (460-336556-8), 61A_0-3 (460-336556-9), 61A_3-6 (460-336556-10), 62A_0-5 (460-336556-11) and 62A_5-10 (460-336556-12) were analyzed for Semivolatile Organic Compounds (GC/MS). The samples were prepared on 10/7/2025 and analyzed on 10/8/2025.

The continuing calibration verification (CCV) analyzed in batch 460-1066663 was outside the method criteria for the following analyte(s): 2,2'-oxybis[1-chloropropane] and Benzaldehyde. A CCV standard at or below the reporting limit (RL) was analyzed with the affected samples and found to be acceptable. As indicated in the reference method, sample analysis may proceed; however, any detection for the affected analyte(s) is considered estimated.

Method 8082A - Polychlorinated Biphenyls (PCBs) by Gas Chromatography

Job ID: 460-336556-1 (Continued) Eurofins Edison

Samples 48A_0-3 (460-336556-1), 48A_3-6 (460-336556-2), 48B_0-3 (460-336556-3), 48B_3-6 (460-336556-4), 48C_0-3 (460-336556-5), 48C_3-6 (460-336556-6), 48D_0-3 (460-336556-7), 48D_3-6 (460-336556-8), 61A_0-3 (460-336556-9), 61A_3-6 (460-336556-10), 62A_0-5 (460-336556-11) and 62A_5-10 (460-336556-12) were analyzed for Polychlorinated Biphenyls (PCBs) by Gas Chromatography. The samples were prepared on 10/7/2025 and analyzed on 10/8/2025.

Method 8081B - Organochlorine Pesticides (GC)
Samples 48A_0-3 (460-336556-1), 48A_3-6 (460-336556-2), 48B_0-3 (460-336556-3), 48B_3-6 (460-336556-4), 48C_0-3 (460-336556-5), 48C_3-6 (460-336556-6), 48D_0-3 (460-336556-7), 48D_3-6 (460-336556-8), 61A_0-3 (460-336556-9), 61A_3-6 (460-336556-10), 62A_0-5 (460-336556-11) and 62A_5-10 (460-336556-12) were analyzed for Organochlorine Pesticides (GC). The samples were prepared on 10/7/2025 and analyzed on 10/8/2025.

The continuing calibration verification (CCV) associated with batch 460-1066658 recovered above the upper control limit for Methoxychlor on the secondary column. The samples associated with this CCV were non-detects for the affected analytes; therefore, the data have been reported. The associated sample is:(CCVIS 460-1066658/3).

Method 1633A - Per- and Polyfluoroalkyl Substances by LC/MS/MS, 1633A
Samples 48A_0-3 (460-336556-1), 48A_3-6 (460-336556-2), 48B_0-3 (460-336556-3), 48B_3-6 (460-336556-4), 48C_0-3 (460-336556-5), 48C_3-6 (460-336556-6), 48D_0-3 (460-336556-7), 48D_3-6 (460-336556-8), 61A_0-3 (460-336556-9), 61A_3-6 (460-336556-10), 62A_0-5 (460-336556-11) and 62A_5-10 (460-336556-12) were analyzed for Per- and Polyfluoroalkyl Substances by LC/MS/MS, 1633A. The samples were prepared on 10/8/2025 and analyzed on 10/9/2025 and 10/10/2025.

The labeled isotopes 13C2 4:2 FTS are outside QC acceptance limits. Since the recovery in sample 48A_3-6 (460-336556-2), 48C_3-6 (460-336556-6) and 48D_3-6 (460-336556-8) is less than 350%, the data is reported.

The transition mass ratio for Perfluorononanoic acid (PFNA) in sample 48D_3-6 (460-336556-8) in analytical batch 410-710788 was outside of the established ratio limits. However, analyst judgment was used to positively identify the analyte. The analyte is flagged appropriately to identify this exceedance.

Method 6020B - Metals (ICP/MS)
Samples 48A_0-3 (460-336556-1), 48A_3-6 (460-336556-2), 48B_0-3 (460-336556-3), 48B_3-6 (460-336556-4), 48C_0-3 (460-336556-5), 48C_3-6 (460-336556-6), 48D_0-3 (460-336556-7), 48D_3-6 (460-336556-8), 61A_0-3 (460-336556-9), 61A_3-6 (460-336556-10), 62A_0-5 (460-336556-11) and 62A_5-10 (460-336556-12) were analyzed for Metals (ICP/MS). The samples were prepared on 10/9/2025 and analyzed on 10/10/2025.

Method 7471B - Mercury (CVAA)
Samples 48A_0-3 (460-336556-1), 48A_3-6 (460-336556-2), 48B_0-3 (460-336556-3), 48B_3-6 (460-336556-4), 48C_0-3 (460-336556-5), 48C_3-6 (460-336556-6), 48D_0-3 (460-336556-7), 48D_3-6 (460-336556-8), 61A_0-3 (460-336556-9), 61A_3-6 (460-336556-10), 62A_0-5 (460-336556-11) and 62A_5-10 (460-336556-12) were analyzed for Mercury (CVAA). The samples were prepared and analyzed on 10/14/2025.

Method Moisture - Percent Moisture
Samples 48A_0-3 (460-336556-1), 48A_3-6 (460-336556-2), 48B_0-3 (460-336556-3), 48B_3-6 (460-336556-4), 48C_0-3 (460-336556-5), 48C_3-6 (460-336556-6), 48D_0-3 (460-336556-7), 48D_3-6 (460-336556-8), 61A_0-3 (460-336556-9), 61A_3-6 (460-336556-10), 62A_0-5 (460-336556-11), 62A_5-10 (460-336556-12), 48A1_0-1 (460-336556-13), 48A2_3-4 (460-336556-14), 48A3_1-2 (460-336556-15), 48A1_4-5 (460-336556-16), 48A2_5-6 (460-336556-17), 48A3_2-3 (460-336556-18), 48A1_5-6 (460-336556-19), 48B1_0-1 (460-336556-20), 48B2_1-2 (460-336556-21), 48B3_2-3 (460-336556-22), 48B1_3-4 (460-336556-23), 48B2_4-5 (460-336556-24), 48B3_5-6 (460-336556-25), 48B2_5-6 (460-336556-26), 48C1_0-1 (460-336556-27), 48C2_1-2 (460-336556-28), 48C3_2-3 (460-336556-29), 48C1_3-4 (460-336556-30), 48C2_4-5 (460-336556-31), 48C3_5-6 (460-336556-32), 48C3_1-2 (460-336556-33), 48D1_1-2 (460-336556-34), 48D2_2-3 (460-336556-35), 48D3_3-4 (460-336556-36), 48D1_4-5 (460-336556-37), 48D2_5-6 (460-336556-38), 48D3_5-6 (460-336556-39), 48D1_2-3 (460-336556-40), 61A1_1-2 (460-336556-41), 61A2_2-3 (460-336556-42), 61A3_3-4 (460-336556-43), 61A1_4-5 (460-336556-44), 61A2_5-6 (460-336556-45), 61A3_5-6 (460-336556-46), 61A2_0-1 (460-336556-47), 62A1_1-2 (460-336556-48), 62A2_2-3 (460-336556-49), 62A3_3-4 (460-336556-50), 62A1_4-5 (460-336556-51), 62A2_5-6 (460-336556-52), 62A3_7-8 (460-336556-53) and 62A1_9-10 (460-336556-54) were analyzed for Percent Moisture. The samples were analyzed on 10/7/2025 and 10/9/2025.

Detection Summary

Client: Haley & Aldrich, Inc.
Project/Site: Former Port Mobil

Job ID: 460-336556-1

Client Sample ID: 48A_0-3

Lab Sample ID: 460-336556-1

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
2-Methylnaphthalene	0.014	J	0.34	0.0096	mg/Kg	1	☼	8270E	Total/NA
Acenaphthene	0.026	J	0.34	0.0098	mg/Kg	1	☼	8270E	Total/NA
Acenaphthylene	0.16	J	0.34	0.0098	mg/Kg	1	☼	8270E	Total/NA
Anthracene	0.28	J	0.34	0.010	mg/Kg	1	☼	8270E	Total/NA
Benzo[a]anthracene	0.19		0.034	0.026	mg/Kg	1	☼	8270E	Total/NA
Benzo[a]pyrene	0.23		0.034	0.0091	mg/Kg	1	☼	8270E	Total/NA
Benzo[b]fluoranthene	0.28		0.034	0.0089	mg/Kg	1	☼	8270E	Total/NA
Benzo[g,h,i]perylene	0.26	J	0.34	0.010	mg/Kg	1	☼	8270E	Total/NA
Benzo[k]fluoranthene	0.10		0.034	0.0067	mg/Kg	1	☼	8270E	Total/NA
Carbazole	0.10	J	0.34	0.013	mg/Kg	1	☼	8270E	Total/NA
Chrysene	0.21	J	0.34	0.014	mg/Kg	1	☼	8270E	Total/NA
Dibenz(a,h)anthracene	0.035		0.034	0.015	mg/Kg	1	☼	8270E	Total/NA
Dibenzofuran	0.025	J	0.34	0.011	mg/Kg	1	☼	8270E	Total/NA
Fluoranthene	0.46		0.34	0.012	mg/Kg	1	☼	8270E	Total/NA
Fluorene	0.046	J	0.34	0.010	mg/Kg	1	☼	8270E	Total/NA
Indeno[1,2,3-cd]pyrene	0.20		0.034	0.013	mg/Kg	1	☼	8270E	Total/NA
Naphthalene	0.036	J	0.34	0.0059	mg/Kg	1	☼	8270E	Total/NA
Phenanthrene	0.38		0.34	0.014	mg/Kg	1	☼	8270E	Total/NA
Pyrene	0.35		0.34	0.0085	mg/Kg	1	☼	8270E	Total/NA
Perfluoropentanoic acid (PFPeA)	0.33		0.19	0.097	ug/Kg	1	☼	1633A	Total/NA
Perfluorohexanoic acid (PFHxA)	0.23		0.19	0.097	ug/Kg	1	☼	1633A	Total/NA
Perfluoroheptanoic acid (PFHpA)	0.42		0.19	0.097	ug/Kg	1	☼	1633A	Total/NA
Perfluorooctanoic acid (PFOA)	0.48		0.19	0.058	ug/Kg	1	☼	1633A	Total/NA
Perfluorononanoic acid (PFNA)	1.14		0.19	0.097	ug/Kg	1	☼	1633A	Total/NA
Perfluorodecanoic acid (PFDA)	1.68		0.19	0.058	ug/Kg	1	☼	1633A	Total/NA
Perfluoroundecanoic acid (PFUnA)	5.27		0.19	0.097	ug/Kg	1	☼	1633A	Total/NA
Perfluorododecanoic acid (PFDoA)	0.89		0.19	0.097	ug/Kg	1	☼	1633A	Total/NA
Perfluorotridecanoic acid (PFTrDA)	3.19		0.19	0.097	ug/Kg	1	☼	1633A	Total/NA
Perfluorotetradecanoic acid (PFTeDA)	0.18	J	0.19	0.097	ug/Kg	1	☼	1633A	Total/NA
Perfluorohexanesulfonic acid (PFHxS)	0.13	J	0.19	0.097	ug/Kg	1	☼	1633A	Total/NA
Perfluorooctanesulfonic acid (PFOS)	0.37		0.19	0.097	ug/Kg	1	☼	1633A	Total/NA
1H,1H,2H,2H-Perfluorodecane sulfonic acid (8:2 FTS)	0.35	J	0.39	0.19	ug/Kg	1	☼	1633A	Total/NA
Aluminum	5730		16.0	4.4	mg/Kg	1	☼	6020B	Total/NA
Antimony	1.8		0.80	0.12	mg/Kg	1	☼	6020B	Total/NA
Arsenic	7.1		0.80	0.083	mg/Kg	1	☼	6020B	Total/NA
Barium	33.3		1.6	0.12	mg/Kg	1	☼	6020B	Total/NA
Beryllium	0.49		0.32	0.018	mg/Kg	1	☼	6020B	Total/NA
Cadmium	0.34	J	0.80	0.091	mg/Kg	1	☼	6020B	Total/NA
Calcium	882		80.1	7.8	mg/Kg	1	☼	6020B	Total/NA
Chromium	15.5		1.6	0.24	mg/Kg	1	☼	6020B	Total/NA
Cobalt	5.8		0.80	0.12	mg/Kg	1	☼	6020B	Total/NA
Copper	43.0		1.6	0.29	mg/Kg	1	☼	6020B	Total/NA
Iron	19300		48.1	6.1	mg/Kg	1	☼	6020B	Total/NA
Lead	84.5		0.48	0.16	mg/Kg	1	☼	6020B	Total/NA
Magnesium	1920		80.1	8.2	mg/Kg	1	☼	6020B	Total/NA
Manganese	131		3.2	0.32	mg/Kg	1	☼	6020B	Total/NA
Nickel	13.9		1.6	0.14	mg/Kg	1	☼	6020B	Total/NA
Potassium	1130		80.1	13.0	mg/Kg	1	☼	6020B	Total/NA
Selenium	0.31	J	1.0	0.10	mg/Kg	1	☼	6020B	Total/NA
Silver	0.21	J	0.32	0.071	mg/Kg	1	☼	6020B	Total/NA

This Detection Summary does not include radiochemical test results.

Client Sample ID: 48A_0-3 (Continued)

Lab Sample ID: 460-336556-1

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Sodium	71.6	J	80.1	36.6	mg/Kg	1	☼	6020B	Total/NA
Thallium	0.066	J	0.32	0.033	mg/Kg	1	☼	6020B	Total/NA
Vanadium	21.8		1.6	0.17	mg/Kg	1	☼	6020B	Total/NA
Zinc	93.6		6.4	0.87	mg/Kg	1	☼	6020B	Total/NA
Mercury	0.034		0.016	0.0076	mg/Kg	1	☼	7471B	Total/NA

Client Sample ID: 48A_3-6

Lab Sample ID: 460-336556-2

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Acenaphthylene	0.052	J	0.35	0.0099	mg/Kg	1	☼	8270E	Total/NA
Anthracene	0.059	J	0.35	0.011	mg/Kg	1	☼	8270E	Total/NA
Benzo[a]anthracene	0.061		0.035	0.026	mg/Kg	1	☼	8270E	Total/NA
Benzo[a]pyrene	0.070		0.035	0.0092	mg/Kg	1	☼	8270E	Total/NA
Benzo[b]fluoranthene	0.086		0.035	0.0090	mg/Kg	1	☼	8270E	Total/NA
Benzo[g,h,i]perylene	0.087	J	0.35	0.010	mg/Kg	1	☼	8270E	Total/NA
Benzo[k]fluoranthene	0.031	J	0.035	0.0068	mg/Kg	1	☼	8270E	Total/NA
Carbazole	0.018	J	0.35	0.013	mg/Kg	1	☼	8270E	Total/NA
Chrysene	0.065	J	0.35	0.015	mg/Kg	1	☼	8270E	Total/NA
Fluoranthene	0.12	J	0.35	0.012	mg/Kg	1	☼	8270E	Total/NA
Indeno[1,2,3-cd]pyrene	0.059		0.035	0.014	mg/Kg	1	☼	8270E	Total/NA
Naphthalene	0.010	J	0.35	0.0060	mg/Kg	1	☼	8270E	Total/NA
Phenanthrene	0.086	J	0.35	0.014	mg/Kg	1	☼	8270E	Total/NA
Pyrene	0.097	J	0.35	0.0086	mg/Kg	1	☼	8270E	Total/NA
Perfluoropentanoic acid (PFPeA)	0.23		0.20	0.098	ug/Kg	1	☼	1633A	Total/NA
Perfluorohexanoic acid (PFHxA)	0.20		0.20	0.098	ug/Kg	1	☼	1633A	Total/NA
Perfluoroheptanoic acid (PFHpA)	0.22		0.20	0.098	ug/Kg	1	☼	1633A	Total/NA
Perfluorooctanoic acid (PFOA)	0.20		0.20	0.059	ug/Kg	1	☼	1633A	Total/NA
Perfluorononanoic acid (PFNA)	0.51		0.20	0.098	ug/Kg	1	☼	1633A	Total/NA
Perfluorodecanoic acid (PFDA)	0.92		0.20	0.059	ug/Kg	1	☼	1633A	Total/NA
Perfluoroundecanoic acid (PFUnA)	6.64		0.20	0.098	ug/Kg	1	☼	1633A	Total/NA
Perfluorododecanoic acid (PFDoA)	1.11		0.20	0.098	ug/Kg	1	☼	1633A	Total/NA
Perfluorotridecanoic acid (PFTrDA)	3.07		0.20	0.098	ug/Kg	1	☼	1633A	Total/NA
Perfluorotetradecanoic acid (PFTeDA)	0.19	J	0.20	0.098	ug/Kg	1	☼	1633A	Total/NA
Perfluorohexanesulfonic acid (PFHxS)	0.14	J	0.20	0.098	ug/Kg	1	☼	1633A	Total/NA
Perfluorooctanesulfonic acid (PFOS)	0.51		0.20	0.098	ug/Kg	1	☼	1633A	Total/NA
1H,1H,2H,2H-Perfluorodecane sulfonic acid (8:2 FTS)	0.41		0.39	0.20	ug/Kg	1	☼	1633A	Total/NA
Aluminum	5000		16.2	4.4	mg/Kg	1	☼	6020B	Total/NA
Antimony	2.3		0.81	0.12	mg/Kg	1	☼	6020B	Total/NA
Arsenic	7.6		0.81	0.083	mg/Kg	1	☼	6020B	Total/NA
Barium	33.5		1.6	0.12	mg/Kg	1	☼	6020B	Total/NA
Beryllium	0.47		0.32	0.018	mg/Kg	1	☼	6020B	Total/NA
Cadmium	0.35	J	0.81	0.091	mg/Kg	1	☼	6020B	Total/NA
Calcium	982		80.8	7.9	mg/Kg	1	☼	6020B	Total/NA
Chromium	14.5		1.6	0.24	mg/Kg	1	☼	6020B	Total/NA
Cobalt	4.4		0.81	0.12	mg/Kg	1	☼	6020B	Total/NA
Copper	44.9		1.6	0.30	mg/Kg	1	☼	6020B	Total/NA
Iron	16900		48.5	6.2	mg/Kg	1	☼	6020B	Total/NA
Lead	88.6		0.48	0.16	mg/Kg	1	☼	6020B	Total/NA
Magnesium	1340		80.8	8.2	mg/Kg	1	☼	6020B	Total/NA
Manganese	111		3.2	0.33	mg/Kg	1	☼	6020B	Total/NA
Nickel	11.0		1.6	0.14	mg/Kg	1	☼	6020B	Total/NA

This Detection Summary does not include radiochemical test results.

Client Sample ID: 48A_3-6 (Continued)

Lab Sample ID: 460-336556-2

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Potassium	1140		80.8	13.1	mg/Kg	1	☼	6020B	Total/NA
Selenium	0.32	J	1.0	0.10	mg/Kg	1	☼	6020B	Total/NA
Silver	0.29	J	0.32	0.072	mg/Kg	1	☼	6020B	Total/NA
Sodium	58.8	J	80.8	36.9	mg/Kg	1	☼	6020B	Total/NA
Thallium	0.072	J	0.32	0.033	mg/Kg	1	☼	6020B	Total/NA
Vanadium	23.6		1.6	0.17	mg/Kg	1	☼	6020B	Total/NA
Zinc	79.9		6.5	0.88	mg/Kg	1	☼	6020B	Total/NA
Mercury	0.040		0.016	0.0076	mg/Kg	1	☼	7471B	Total/NA

Client Sample ID: 48B_0-3

Lab Sample ID: 460-336556-3

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
2-Methylnaphthalene	0.021	J	0.34	0.0097	mg/Kg	1	☼	8270E	Total/NA
Acenaphthene	0.040	J	0.34	0.0099	mg/Kg	1	☼	8270E	Total/NA
Acenaphthylene	0.15	J	0.34	0.0099	mg/Kg	1	☼	8270E	Total/NA
Anthracene	1.6		0.34	0.011	mg/Kg	1	☼	8270E	Total/NA
Benzo[a]anthracene	0.29		0.034	0.026	mg/Kg	1	☼	8270E	Total/NA
Benzo[a]pyrene	0.36		0.034	0.0092	mg/Kg	1	☼	8270E	Total/NA
Benzo[b]fluoranthene	0.41		0.034	0.0089	mg/Kg	1	☼	8270E	Total/NA
Benzo[g,h,i]perylene	0.33	J	0.34	0.010	mg/Kg	1	☼	8270E	Total/NA
Benzo[k]fluoranthene	0.14		0.034	0.0068	mg/Kg	1	☼	8270E	Total/NA
Carbazole	0.53		0.34	0.013	mg/Kg	1	☼	8270E	Total/NA
Chrysene	0.34		0.34	0.015	mg/Kg	1	☼	8270E	Total/NA
Dibenz(a,h)anthracene	0.063		0.034	0.015	mg/Kg	1	☼	8270E	Total/NA
Dibenzofuran	0.051	J	0.34	0.012	mg/Kg	1	☼	8270E	Total/NA
Fluoranthene	0.65		0.34	0.012	mg/Kg	1	☼	8270E	Total/NA
Fluorene	0.13	J	0.34	0.010	mg/Kg	1	☼	8270E	Total/NA
Indeno[1,2,3-cd]pyrene	0.29		0.034	0.014	mg/Kg	1	☼	8270E	Total/NA
Naphthalene	0.066	J	0.34	0.0060	mg/Kg	1	☼	8270E	Total/NA
Phenanthrene	0.65		0.34	0.014	mg/Kg	1	☼	8270E	Total/NA
Pyrene	0.52		0.34	0.0086	mg/Kg	1	☼	8270E	Total/NA
Perfluoropentanoic acid (PFPeA)	0.17	J	0.20	0.098	ug/Kg	1	☼	1633A	Total/NA
Perfluorohexanoic acid (PFHxA)	0.13	J	0.20	0.098	ug/Kg	1	☼	1633A	Total/NA
Perfluoroheptanoic acid (PFHpA)	0.20		0.20	0.098	ug/Kg	1	☼	1633A	Total/NA
Perfluorooctanoic acid (PFOA)	0.27		0.20	0.059	ug/Kg	1	☼	1633A	Total/NA
Perfluorononanoic acid (PFNA)	1.12		0.20	0.098	ug/Kg	1	☼	1633A	Total/NA
Perfluorodecanoic acid (PFDA)	3.05		0.20	0.059	ug/Kg	1	☼	1633A	Total/NA
Perfluoroundecanoic acid (PFUnA)	7.03		0.20	0.098	ug/Kg	1	☼	1633A	Total/NA
Perfluorododecanoic acid (PFDoA)	2.08		0.20	0.098	ug/Kg	1	☼	1633A	Total/NA
Perfluorotridecanoic acid (PFTrDA)	5.78		0.20	0.098	ug/Kg	1	☼	1633A	Total/NA
Perfluorotetradecanoic acid (PFTeDA)	0.46		0.20	0.098	ug/Kg	1	☼	1633A	Total/NA
Perfluorooctanesulfonic acid (PFOS)	0.47		0.20	0.098	ug/Kg	1	☼	1633A	Total/NA
1H,1H,2H,2H-Perfluorooctane sulfonic acid (6:2 FTS)	0.27	J	0.39	0.20	ug/Kg	1	☼	1633A	Total/NA
1H,1H,2H,2H-Perfluorodecane sulfonic acid (8:2 FTS)	1.09		0.39	0.20	ug/Kg	1	☼	1633A	Total/NA
Aluminum	6370		16.1	4.4	mg/Kg	1	☼	6020B	Total/NA
Antimony	1.8		0.81	0.12	mg/Kg	1	☼	6020B	Total/NA
Arsenic	7.3		0.81	0.083	mg/Kg	1	☼	6020B	Total/NA
Barium	52.9		1.6	0.12	mg/Kg	1	☼	6020B	Total/NA
Beryllium	0.59		0.32	0.018	mg/Kg	1	☼	6020B	Total/NA
Cadmium	0.43	J	0.81	0.091	mg/Kg	1	☼	6020B	Total/NA

This Detection Summary does not include radiochemical test results.

Client Sample ID: 48B_0-3 (Continued)

Lab Sample ID: 460-336556-3

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Calcium	16100		80.6	7.8	mg/Kg	1	☼	6020B	Total/NA
Chromium	16.0		1.6	0.24	mg/Kg	1	☼	6020B	Total/NA
Cobalt	5.2		0.81	0.12	mg/Kg	1	☼	6020B	Total/NA
Copper	35.6		1.6	0.30	mg/Kg	1	☼	6020B	Total/NA
Iron	20400		48.4	6.2	mg/Kg	1	☼	6020B	Total/NA
Lead	105		0.48	0.16	mg/Kg	1	☼	6020B	Total/NA
Magnesium	9540		80.6	8.2	mg/Kg	1	☼	6020B	Total/NA
Manganese	136		3.2	0.32	mg/Kg	1	☼	6020B	Total/NA
Nickel	13.8		1.6	0.14	mg/Kg	1	☼	6020B	Total/NA
Potassium	1230		80.6	13.1	mg/Kg	1	☼	6020B	Total/NA
Selenium	0.30	J	1.0	0.10	mg/Kg	1	☼	6020B	Total/NA
Silver	0.22	J	0.32	0.072	mg/Kg	1	☼	6020B	Total/NA
Sodium	94.1		80.6	36.8	mg/Kg	1	☼	6020B	Total/NA
Thallium	0.092	J	0.32	0.033	mg/Kg	1	☼	6020B	Total/NA
Vanadium	26.3		1.6	0.17	mg/Kg	1	☼	6020B	Total/NA
Zinc	83.9		6.5	0.88	mg/Kg	1	☼	6020B	Total/NA
Mercury	0.046		0.017	0.0080	mg/Kg	1	☼	7471B	Total/NA

Client Sample ID: 48B_3-6

Lab Sample ID: 460-336556-4

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Acenaphthylene	0.016	J	0.36	0.010	mg/Kg	1	☼	8270E	Total/NA
Anthracene	0.031	J	0.36	0.011	mg/Kg	1	☼	8270E	Total/NA
Benzo[a]anthracene	0.030	J	0.036	0.027	mg/Kg	1	☼	8270E	Total/NA
Benzo[a]pyrene	0.031	J	0.036	0.0096	mg/Kg	1	☼	8270E	Total/NA
Benzo[b]fluoranthene	0.034	J	0.036	0.0094	mg/Kg	1	☼	8270E	Total/NA
Benzo[g,h,i]perylene	0.031	J	0.36	0.011	mg/Kg	1	☼	8270E	Total/NA
Benzo[k]fluoranthene	0.013	J	0.036	0.0071	mg/Kg	1	☼	8270E	Total/NA
Chrysene	0.028	J	0.36	0.015	mg/Kg	1	☼	8270E	Total/NA
Fluoranthene	0.055	J	0.36	0.013	mg/Kg	1	☼	8270E	Total/NA
Indeno[1,2,3-cd]pyrene	0.025	J	0.036	0.014	mg/Kg	1	☼	8270E	Total/NA
Phenanthrene	0.042	J	0.36	0.015	mg/Kg	1	☼	8270E	Total/NA
Pyrene	0.046	J	0.36	0.0090	mg/Kg	1	☼	8270E	Total/NA
Perfluoropentanoic acid (PFPeA)	0.12	J	0.20	0.098	ug/Kg	1	☼	1633A	Total/NA
Perfluorooctanoic acid (PFOA)	0.10	J	0.20	0.059	ug/Kg	1	☼	1633A	Total/NA
Perfluorononanoic acid (PFNA)	0.23		0.20	0.098	ug/Kg	1	☼	1633A	Total/NA
Perfluorodecanoic acid (PFDA)	0.40		0.20	0.059	ug/Kg	1	☼	1633A	Total/NA
Perfluoroundecanoic acid (PFUnA)	1.82		0.20	0.098	ug/Kg	1	☼	1633A	Total/NA
Perfluorododecanoic acid (PFDoA)	1.51		0.20	0.098	ug/Kg	1	☼	1633A	Total/NA
Perfluorotridecanoic acid (PFTrDA)	5.22		0.20	0.098	ug/Kg	1	☼	1633A	Total/NA
Perfluorotetradecanoic acid (PFTeDA)	0.40		0.20	0.098	ug/Kg	1	☼	1633A	Total/NA
Perfluorooctanesulfonic acid (PFOS)	0.23		0.20	0.098	ug/Kg	1	☼	1633A	Total/NA
1H,1H,2H,2H-Perfluorooctane sulfonic acid (6:2 FTS)	0.22	J	0.39	0.20	ug/Kg	1	☼	1633A	Total/NA
1H,1H,2H,2H-Perfluorodecane sulfonic acid (8:2 FTS)	0.73		0.39	0.20	ug/Kg	1	☼	1633A	Total/NA
Aluminum	5990		16.8	4.6	mg/Kg	1	☼	6020B	Total/NA
Antimony	1.8		0.84	0.12	mg/Kg	1	☼	6020B	Total/NA
Arsenic	7.5		0.84	0.086	mg/Kg	1	☼	6020B	Total/NA
Barium	46.0		1.7	0.12	mg/Kg	1	☼	6020B	Total/NA
Beryllium	0.54		0.34	0.018	mg/Kg	1	☼	6020B	Total/NA
Cadmium	0.43	J	0.84	0.095	mg/Kg	1	☼	6020B	Total/NA

This Detection Summary does not include radiochemical test results.

Client Sample ID: 48B_3-6 (Continued)

Lab Sample ID: 460-336556-4

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Calcium	1410		83.9	8.2	mg/Kg	1	☼	6020B	Total/NA
Chromium	16.1		1.7	0.25	mg/Kg	1	☼	6020B	Total/NA
Cobalt	5.4		0.84	0.12	mg/Kg	1	☼	6020B	Total/NA
Copper	39.9		1.7	0.31	mg/Kg	1	☼	6020B	Total/NA
Iron	19100		50.3	6.4	mg/Kg	1	☼	6020B	Total/NA
Lead	110		0.50	0.17	mg/Kg	1	☼	6020B	Total/NA
Magnesium	1500		83.9	8.6	mg/Kg	1	☼	6020B	Total/NA
Manganese	125		3.4	0.34	mg/Kg	1	☼	6020B	Total/NA
Nickel	13.2		1.7	0.15	mg/Kg	1	☼	6020B	Total/NA
Potassium	1240		83.9	13.6	mg/Kg	1	☼	6020B	Total/NA
Selenium	0.26	J	1.0	0.11	mg/Kg	1	☼	6020B	Total/NA
Silver	0.22	J	0.34	0.075	mg/Kg	1	☼	6020B	Total/NA
Sodium	86.5		83.9	38.3	mg/Kg	1	☼	6020B	Total/NA
Thallium	0.086	J	0.34	0.034	mg/Kg	1	☼	6020B	Total/NA
Vanadium	23.9		1.7	0.17	mg/Kg	1	☼	6020B	Total/NA
Zinc	106		6.7	0.91	mg/Kg	1	☼	6020B	Total/NA
Mercury	0.031		0.016	0.0078	mg/Kg	1	☼	7471B	Total/NA

Client Sample ID: 48C_0-3

Lab Sample ID: 460-336556-5

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Acenaphthylene	0.029	J	0.35	0.010	mg/Kg	1	☼	8270E	Total/NA
Anthracene	0.069	J	0.35	0.011	mg/Kg	1	☼	8270E	Total/NA
Benzo[a]anthracene	0.042		0.035	0.027	mg/Kg	1	☼	8270E	Total/NA
Benzo[a]pyrene	0.049		0.035	0.0094	mg/Kg	1	☼	8270E	Total/NA
Benzo[b]fluoranthene	0.056		0.035	0.0092	mg/Kg	1	☼	8270E	Total/NA
Benzo[g,h,i]perylene	0.053	J	0.35	0.010	mg/Kg	1	☼	8270E	Total/NA
Benzo[k]fluoranthene	0.024	J	0.035	0.0070	mg/Kg	1	☼	8270E	Total/NA
Carbazole	0.025	J	0.35	0.013	mg/Kg	1	☼	8270E	Total/NA
Chrysene	0.048	J	0.35	0.015	mg/Kg	1	☼	8270E	Total/NA
Fluoranthene	0.090	J	0.35	0.012	mg/Kg	1	☼	8270E	Total/NA
Indeno[1,2,3-cd]pyrene	0.041		0.035	0.014	mg/Kg	1	☼	8270E	Total/NA
Naphthalene	0.014	J	0.35	0.0061	mg/Kg	1	☼	8270E	Total/NA
Phenanthrene	0.081	J	0.35	0.014	mg/Kg	1	☼	8270E	Total/NA
Pyrene	0.071	J	0.35	0.0088	mg/Kg	1	☼	8270E	Total/NA
Perfluoropentanoic acid (PFPeA)	0.45		0.19	0.096	ug/Kg	1	☼	1633A	Total/NA
Perfluorohexanoic acid (PFHxA)	0.34		0.19	0.096	ug/Kg	1	☼	1633A	Total/NA
Perfluoroheptanoic acid (PFHpA)	0.46		0.19	0.096	ug/Kg	1	☼	1633A	Total/NA
Perfluorooctanoic acid (PFOA)	0.43		0.19	0.058	ug/Kg	1	☼	1633A	Total/NA
Perfluorononanoic acid (PFNA)	1.70		0.19	0.096	ug/Kg	1	☼	1633A	Total/NA
Perfluorodecanoic acid (PFDA)	2.60		0.19	0.058	ug/Kg	1	☼	1633A	Total/NA
Perfluoroundecanoic acid (PFUnA)	13.4		0.19	0.096	ug/Kg	1	☼	1633A	Total/NA
Perfluorododecanoic acid (PFDoA)	2.75		0.19	0.096	ug/Kg	1	☼	1633A	Total/NA
Perfluorotridecanoic acid (PFTrDA)	11.6		0.19	0.096	ug/Kg	1	☼	1633A	Total/NA
Perfluorotetradecanoic acid (PFTeDA)	0.55		0.19	0.096	ug/Kg	1	☼	1633A	Total/NA
Perfluorooctanesulfonic acid (PFOS)	0.31		0.19	0.096	ug/Kg	1	☼	1633A	Total/NA
1H,1H,2H,2H-Perfluorooctane sulfonic acid (6:2 FTS)	0.47		0.38	0.19	ug/Kg	1	☼	1633A	Total/NA
1H,1H,2H,2H-Perfluorodecane sulfonic acid (8:2 FTS)	1.52		0.38	0.19	ug/Kg	1	☼	1633A	Total/NA
Aluminum	5390		16.7	4.6	mg/Kg	1	☼	6020B	Total/NA
Antimony	3.1		0.83	0.12	mg/Kg	1	☼	6020B	Total/NA

This Detection Summary does not include radiochemical test results.

Client Sample ID: 48C_0-3 (Continued)

Lab Sample ID: 460-336556-5

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Arsenic	8.4		0.83	0.086	mg/Kg	1	☼	6020B	Total/NA
Barium	41.6		1.7	0.12	mg/Kg	1	☼	6020B	Total/NA
Beryllium	0.48		0.33	0.018	mg/Kg	1	☼	6020B	Total/NA
Cadmium	0.56	J	0.83	0.094	mg/Kg	1	☼	6020B	Total/NA
Calcium	1670		83.3	8.1	mg/Kg	1	☼	6020B	Total/NA
Chromium	14.5		1.7	0.25	mg/Kg	1	☼	6020B	Total/NA
Cobalt	4.7		0.83	0.12	mg/Kg	1	☼	6020B	Total/NA
Copper	48.2		1.7	0.31	mg/Kg	1	☼	6020B	Total/NA
Iron	19100		50.0	6.4	mg/Kg	1	☼	6020B	Total/NA
Lead	161		0.50	0.17	mg/Kg	1	☼	6020B	Total/NA
Magnesium	1810		83.3	8.5	mg/Kg	1	☼	6020B	Total/NA
Manganese	119		3.3	0.34	mg/Kg	1	☼	6020B	Total/NA
Nickel	11.4		1.7	0.15	mg/Kg	1	☼	6020B	Total/NA
Potassium	1130		83.3	13.5	mg/Kg	1	☼	6020B	Total/NA
Selenium	0.31	J	1.0	0.11	mg/Kg	1	☼	6020B	Total/NA
Silver	0.40		0.33	0.074	mg/Kg	1	☼	6020B	Total/NA
Sodium	109		83.3	38.1	mg/Kg	1	☼	6020B	Total/NA
Thallium	0.088	J	0.33	0.034	mg/Kg	1	☼	6020B	Total/NA
Vanadium	29.4		1.7	0.17	mg/Kg	1	☼	6020B	Total/NA
Zinc	96.9		6.7	0.91	mg/Kg	1	☼	6020B	Total/NA
Mercury	0.044		0.017	0.0080	mg/Kg	1	☼	7471B	Total/NA

Client Sample ID: 48C_3-6

Lab Sample ID: 460-336556-6

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Acenaphthylene	0.025	J	0.35	0.010	mg/Kg	1	☼	8270E	Total/NA
Anthracene	0.063	J	0.35	0.011	mg/Kg	1	☼	8270E	Total/NA
Benzo[a]anthracene	0.044		0.035	0.027	mg/Kg	1	☼	8270E	Total/NA
Benzo[a]pyrene	0.052		0.035	0.0095	mg/Kg	1	☼	8270E	Total/NA
Benzo[b]fluoranthene	0.061		0.035	0.0092	mg/Kg	1	☼	8270E	Total/NA
Benzo[g,h,i]perylene	0.052	J	0.35	0.010	mg/Kg	1	☼	8270E	Total/NA
Benzo[k]fluoranthene	0.025	J	0.035	0.0070	mg/Kg	1	☼	8270E	Total/NA
Carbazole	0.018	J	0.35	0.014	mg/Kg	1	☼	8270E	Total/NA
Chrysene	0.049	J	0.35	0.015	mg/Kg	1	☼	8270E	Total/NA
Fluoranthene	0.089	J	0.35	0.012	mg/Kg	1	☼	8270E	Total/NA
Indeno[1,2,3-cd]pyrene	0.042		0.035	0.014	mg/Kg	1	☼	8270E	Total/NA
Naphthalene	0.0062	J	0.35	0.0061	mg/Kg	1	☼	8270E	Total/NA
Phenanthrene	0.059	J	0.35	0.014	mg/Kg	1	☼	8270E	Total/NA
Pyrene	0.074	J	0.35	0.0088	mg/Kg	1	☼	8270E	Total/NA
Perfluoropentanoic acid (PFPeA)	0.27		0.19	0.096	ug/Kg	1	☼	1633A	Total/NA
Perfluorohexanoic acid (PFHxA)	0.21		0.19	0.096	ug/Kg	1	☼	1633A	Total/NA
Perfluoroheptanoic acid (PFHpA)	0.25		0.19	0.096	ug/Kg	1	☼	1633A	Total/NA
Perfluorooctanoic acid (PFOA)	0.25		0.19	0.057	ug/Kg	1	☼	1633A	Total/NA
Perfluorononanoic acid (PFNA)	0.82		0.19	0.096	ug/Kg	1	☼	1633A	Total/NA
Perfluorodecanoic acid (PFDA)	2.30		0.19	0.057	ug/Kg	1	☼	1633A	Total/NA
Perfluoroundecanoic acid (PFUnA)	11.3		0.19	0.096	ug/Kg	1	☼	1633A	Total/NA
Perfluorododecanoic acid (PFDoA)	1.99		0.19	0.096	ug/Kg	1	☼	1633A	Total/NA
Perfluorotridecanoic acid (PFTrDA)	7.68		0.19	0.096	ug/Kg	1	☼	1633A	Total/NA
Perfluorotetradecanoic acid (PFTeDA)	0.43		0.19	0.096	ug/Kg	1	☼	1633A	Total/NA
Perfluorooctanesulfonic acid (PFOS)	0.45		0.19	0.096	ug/Kg	1	☼	1633A	Total/NA
1H,1H,2H,2H-Perfluorooctane sulfonic acid (6:2 FTS)	0.30	J	0.38	0.19	ug/Kg	1	☼	1633A	Total/NA

This Detection Summary does not include radiochemical test results.

Client Sample ID: 48C_3-6 (Continued)

Lab Sample ID: 460-336556-6

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
1H,1H,2H,2H-Perfluorodecane sulfonic acid (8:2 FTS)	0.99		0.38	0.19	ug/Kg	1	☼	1633A	Total/NA
Aluminum	4370		15.8	4.3	mg/Kg	1	☼	6020B	Total/NA
Antimony	1.7		0.79	0.12	mg/Kg	1	☼	6020B	Total/NA
Arsenic	6.4		0.79	0.081	mg/Kg	1	☼	6020B	Total/NA
Barium	42.1		1.6	0.11	mg/Kg	1	☼	6020B	Total/NA
Beryllium	0.41		0.32	0.017	mg/Kg	1	☼	6020B	Total/NA
Cadmium	0.36	J	0.79	0.089	mg/Kg	1	☼	6020B	Total/NA
Calcium	30500		79.1	7.7	mg/Kg	1	☼	6020B	Total/NA
Chromium	13.9		1.6	0.23	mg/Kg	1	☼	6020B	Total/NA
Cobalt	4.2		0.79	0.12	mg/Kg	1	☼	6020B	Total/NA
Copper	32.6		1.6	0.29	mg/Kg	1	☼	6020B	Total/NA
Iron	15900		47.4	6.0	mg/Kg	1	☼	6020B	Total/NA
Lead	145		0.47	0.16	mg/Kg	1	☼	6020B	Total/NA
Magnesium	17700		79.1	8.1	mg/Kg	1	☼	6020B	Total/NA
Manganese	548		3.2	0.32	mg/Kg	1	☼	6020B	Total/NA
Nickel	8.9		1.6	0.14	mg/Kg	1	☼	6020B	Total/NA
Potassium	993		79.1	12.8	mg/Kg	1	☼	6020B	Total/NA
Selenium	0.23	J	0.99	0.10	mg/Kg	1	☼	6020B	Total/NA
Silver	0.26	J	0.32	0.070	mg/Kg	1	☼	6020B	Total/NA
Sodium	85.4		79.1	36.1	mg/Kg	1	☼	6020B	Total/NA
Thallium	0.066	J	0.32	0.032	mg/Kg	1	☼	6020B	Total/NA
Vanadium	20.1		1.6	0.16	mg/Kg	1	☼	6020B	Total/NA
Zinc	64.4		6.3	0.86	mg/Kg	1	☼	6020B	Total/NA
Mercury	0.031		0.018	0.0083	mg/Kg	1	☼	7471B	Total/NA

Client Sample ID: 48D_0-3

Lab Sample ID: 460-336556-7

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Acenaphthene	0.010	J	0.35	0.010	mg/Kg	1	☼	8270E	Total/NA
Acenaphthylene	0.047	J	0.35	0.010	mg/Kg	1	☼	8270E	Total/NA
Anthracene	0.068	J	0.35	0.011	mg/Kg	1	☼	8270E	Total/NA
Benzo[a]anthracene	0.098		0.035	0.027	mg/Kg	1	☼	8270E	Total/NA
Benzo[a]pyrene	0.11		0.035	0.0094	mg/Kg	1	☼	8270E	Total/NA
Benzo[b]fluoranthene	0.14		0.035	0.0091	mg/Kg	1	☼	8270E	Total/NA
Benzo[g,h,i]perylene	0.10	J	0.35	0.010	mg/Kg	1	☼	8270E	Total/NA
Benzo[k]fluoranthene	0.051		0.035	0.0069	mg/Kg	1	☼	8270E	Total/NA
Carbazole	0.033	J	0.35	0.013	mg/Kg	1	☼	8270E	Total/NA
Chrysene	0.10	J	0.35	0.015	mg/Kg	1	☼	8270E	Total/NA
Dibenz(a,h)anthracene	0.019	J	0.035	0.015	mg/Kg	1	☼	8270E	Total/NA
Fluoranthene	0.22	J	0.35	0.012	mg/Kg	1	☼	8270E	Total/NA
Fluorene	0.014	J	0.35	0.010	mg/Kg	1	☼	8270E	Total/NA
Indeno[1,2,3-cd]pyrene	0.088		0.035	0.014	mg/Kg	1	☼	8270E	Total/NA
Phenanthrene	0.14	J	0.35	0.014	mg/Kg	1	☼	8270E	Total/NA
Pyrene	0.17	J	0.35	0.0088	mg/Kg	1	☼	8270E	Total/NA
Perfluoropentanoic acid (PFPeA)	0.15	J	0.20	0.098	ug/Kg	1	☼	1633A	Total/NA
Perfluorohexanoic acid (PFHxA)	0.12	J	0.20	0.098	ug/Kg	1	☼	1633A	Total/NA
Perfluoroheptanoic acid (PFHpA)	0.12	J	0.20	0.098	ug/Kg	1	☼	1633A	Total/NA
Perfluorooctanoic acid (PFOA)	0.14	J	0.20	0.059	ug/Kg	1	☼	1633A	Total/NA
Perfluorononanoic acid (PFNA)	0.52		0.20	0.098	ug/Kg	1	☼	1633A	Total/NA
Perfluorodecanoic acid (PFDA)	1.39		0.20	0.059	ug/Kg	1	☼	1633A	Total/NA
Perfluoroundecanoic acid (PFUnA)	3.89		0.20	0.098	ug/Kg	1	☼	1633A	Total/NA

This Detection Summary does not include radiochemical test results.

Client Sample ID: 48D_0-3 (Continued)

Lab Sample ID: 460-336556-7

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Perfluorododecanoic acid (PFDoA)	0.66		0.20	0.098	ug/Kg	1	☼	1633A	Total/NA
Perfluorotridecanoic acid (PFTrDA)	1.87		0.20	0.098	ug/Kg	1	☼	1633A	Total/NA
Perfluorotetradecanoic acid (PFTeDA)	0.16	J	0.20	0.098	ug/Kg	1	☼	1633A	Total/NA
Perfluorohexanesulfonic acid (PFHxS)	0.10	J	0.20	0.098	ug/Kg	1	☼	1633A	Total/NA
Perfluorooctanesulfonic acid (PFOS)	0.73		0.20	0.098	ug/Kg	1	☼	1633A	Total/NA
1H,1H,2H,2H-Perfluorodecane sulfonic acid (8:2 FTS)	0.20	J	0.39	0.20	ug/Kg	1	☼	1633A	Total/NA
Aluminum	4680		16.3	4.5	mg/Kg	1	☼	6020B	Total/NA
Antimony	2.4		0.82	0.12	mg/Kg	1	☼	6020B	Total/NA
Arsenic	8.2		0.82	0.084	mg/Kg	1	☼	6020B	Total/NA
Barium	25.1		1.6	0.12	mg/Kg	1	☼	6020B	Total/NA
Beryllium	0.38		0.33	0.018	mg/Kg	1	☼	6020B	Total/NA
Cadmium	0.35	J	0.82	0.092	mg/Kg	1	☼	6020B	Total/NA
Calcium	837		81.6	7.9	mg/Kg	1	☼	6020B	Total/NA
Chromium	10.9		1.6	0.24	mg/Kg	1	☼	6020B	Total/NA
Cobalt	3.6		0.82	0.12	mg/Kg	1	☼	6020B	Total/NA
Copper	41.3		1.6	0.30	mg/Kg	1	☼	6020B	Total/NA
Iron	15000		49.0	6.2	mg/Kg	1	☼	6020B	Total/NA
Lead	60.4		0.49	0.16	mg/Kg	1	☼	6020B	Total/NA
Magnesium	1320		81.6	8.3	mg/Kg	1	☼	6020B	Total/NA
Manganese	118		3.3	0.33	mg/Kg	1	☼	6020B	Total/NA
Nickel	8.1		1.6	0.14	mg/Kg	1	☼	6020B	Total/NA
Potassium	978		81.6	13.2	mg/Kg	1	☼	6020B	Total/NA
Selenium	0.28	J	1.0	0.10	mg/Kg	1	☼	6020B	Total/NA
Silver	0.30	J	0.33	0.073	mg/Kg	1	☼	6020B	Total/NA
Thallium	0.074	J	0.33	0.033	mg/Kg	1	☼	6020B	Total/NA
Vanadium	22.3		1.6	0.17	mg/Kg	1	☼	6020B	Total/NA
Zinc	55.3		6.5	0.89	mg/Kg	1	☼	6020B	Total/NA
Mercury	0.035		0.017	0.0078	mg/Kg	1	☼	7471B	Total/NA

Client Sample ID: 48D_3-6

Lab Sample ID: 460-336556-8

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
2-Methylnaphthalene	0.012	J	0.34	0.0095	mg/Kg	1	☼	8270E	Total/NA
Acenaphthene	0.025	J	0.34	0.0097	mg/Kg	1	☼	8270E	Total/NA
Acenaphthylene	0.19	J	0.34	0.0097	mg/Kg	1	☼	8270E	Total/NA
Anthracene	0.25	J	0.34	0.010	mg/Kg	1	☼	8270E	Total/NA
Benzo[a]anthracene	0.19		0.034	0.026	mg/Kg	1	☼	8270E	Total/NA
Benzo[a]pyrene	0.26		0.034	0.0090	mg/Kg	1	☼	8270E	Total/NA
Benzo[b]fluoranthene	0.31		0.034	0.0088	mg/Kg	1	☼	8270E	Total/NA
Benzo[g,h,i]perylene	0.29	J	0.34	0.010	mg/Kg	1	☼	8270E	Total/NA
Benzo[k]fluoranthene	0.12		0.034	0.0067	mg/Kg	1	☼	8270E	Total/NA
Carbazole	0.087	J	0.34	0.013	mg/Kg	1	☼	8270E	Total/NA
Chrysene	0.22	J	0.34	0.014	mg/Kg	1	☼	8270E	Total/NA
Dibenz(a,h)anthracene	0.045		0.034	0.015	mg/Kg	1	☼	8270E	Total/NA
Dibenzofuran	0.019	J	0.34	0.011	mg/Kg	1	☼	8270E	Total/NA
Fluoranthene	0.45		0.34	0.012	mg/Kg	1	☼	8270E	Total/NA
Fluorene	0.039	J	0.34	0.0099	mg/Kg	1	☼	8270E	Total/NA
Indeno[1,2,3-cd]pyrene	0.23		0.034	0.013	mg/Kg	1	☼	8270E	Total/NA
Naphthalene	0.030	J	0.34	0.0059	mg/Kg	1	☼	8270E	Total/NA
Phenanthrene	0.31	J	0.34	0.014	mg/Kg	1	☼	8270E	Total/NA
Pyrene	0.34		0.34	0.0084	mg/Kg	1	☼	8270E	Total/NA

This Detection Summary does not include radiochemical test results.

Client Sample ID: 48D_3-6 (Continued)

Lab Sample ID: 460-336556-8

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Perfluoropentanoic acid (PFPeA)	0.20		0.20	0.099	ug/Kg	1	☼	1633A	Total/NA
Perfluorohexanoic acid (PFHxA)	0.19	J	0.20	0.099	ug/Kg	1	☼	1633A	Total/NA
Perfluoroheptanoic acid (PFHpA)	0.24		0.20	0.099	ug/Kg	1	☼	1633A	Total/NA
Perfluorooctanoic acid (PFOA)	0.22		0.20	0.059	ug/Kg	1	☼	1633A	Total/NA
Perfluorononanoic acid (PFNA)	0.52		0.20	0.099	ug/Kg	1	☼	1633A	Total/NA
Perfluorodecanoic acid (PFDA)	1.11		0.20	0.059	ug/Kg	1	☼	1633A	Total/NA
Perfluoroundecanoic acid (PFUnA)	3.34		0.20	0.099	ug/Kg	1	☼	1633A	Total/NA
Perfluorododecanoic acid (PFDoA)	1.63		0.20	0.099	ug/Kg	1	☼	1633A	Total/NA
Perfluorotridecanoic acid (PFTrDA)	4.00		0.20	0.099	ug/Kg	1	☼	1633A	Total/NA
Perfluorotetradecanoic acid (PFTeDA)	0.38		0.20	0.099	ug/Kg	1	☼	1633A	Total/NA
Perfluorooctanesulfonic acid (PFOS)	0.42		0.20	0.099	ug/Kg	1	☼	1633A	Total/NA
1H,1H,2H,2H-Perfluorodecane sulfonic acid (8:2 FTS)	0.45		0.40	0.20	ug/Kg	1	☼	1633A	Total/NA
Aluminum	5110		16.3	4.5	mg/Kg	1	☼	6020B	Total/NA
Antimony	2.5		0.82	0.12	mg/Kg	1	☼	6020B	Total/NA
Arsenic	8.1		0.82	0.084	mg/Kg	1	☼	6020B	Total/NA
Barium	38.8		1.6	0.12	mg/Kg	1	☼	6020B	Total/NA
Beryllium	0.62		0.33	0.018	mg/Kg	1	☼	6020B	Total/NA
Cadmium	0.42	J	0.82	0.092	mg/Kg	1	☼	6020B	Total/NA
Calcium	1840		81.7	7.9	mg/Kg	1	☼	6020B	Total/NA
Chromium	22.4		1.6	0.24	mg/Kg	1	☼	6020B	Total/NA
Cobalt	6.6		0.82	0.12	mg/Kg	1	☼	6020B	Total/NA
Copper	72.7		1.6	0.30	mg/Kg	1	☼	6020B	Total/NA
Iron	19200		49.0	6.2	mg/Kg	1	☼	6020B	Total/NA
Lead	101		0.49	0.16	mg/Kg	1	☼	6020B	Total/NA
Magnesium	1840		81.7	8.3	mg/Kg	1	☼	6020B	Total/NA
Manganese	137		3.3	0.33	mg/Kg	1	☼	6020B	Total/NA
Nickel	20.2		1.6	0.14	mg/Kg	1	☼	6020B	Total/NA
Potassium	1150		81.7	13.2	mg/Kg	1	☼	6020B	Total/NA
Selenium	0.47	J	1.0	0.10	mg/Kg	1	☼	6020B	Total/NA
Silver	0.34		0.33	0.073	mg/Kg	1	☼	6020B	Total/NA
Sodium	66.2	J	81.7	37.3	mg/Kg	1	☼	6020B	Total/NA
Thallium	0.078	J	0.33	0.033	mg/Kg	1	☼	6020B	Total/NA
Vanadium	24.0		1.6	0.17	mg/Kg	1	☼	6020B	Total/NA
Zinc	148		6.5	0.89	mg/Kg	1	☼	6020B	Total/NA
Mercury	0.043		0.017	0.0080	mg/Kg	1	☼	7471B	Total/NA

Client Sample ID: 61A_0-3

Lab Sample ID: 460-336556-9

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Benzo[a]pyrene	0.017	J	0.036	0.0095	mg/Kg	1	☼	8270E	Total/NA
Benzo[b]fluoranthene	0.024	J	0.036	0.0093	mg/Kg	1	☼	8270E	Total/NA
Benzo[g,h,i]perylene	0.017	J	0.36	0.011	mg/Kg	1	☼	8270E	Total/NA
Benzo[k]fluoranthene	0.0070	J	0.036	0.0070	mg/Kg	1	☼	8270E	Total/NA
Chrysene	0.019	J	0.36	0.015	mg/Kg	1	☼	8270E	Total/NA
Fluoranthene	0.025	J	0.36	0.012	mg/Kg	1	☼	8270E	Total/NA
Indeno[1,2,3-cd]pyrene	0.014	J	0.036	0.014	mg/Kg	1	☼	8270E	Total/NA
Phenanthrene	0.015	J	0.36	0.015	mg/Kg	1	☼	8270E	Total/NA
Pyrene	0.021	J	0.36	0.0089	mg/Kg	1	☼	8270E	Total/NA
Perfluorooctanoic acid (PFOA)	0.073	J	0.20	0.060	ug/Kg	1	☼	1633A	Total/NA
Perfluorononanoic acid (PFNA)	1.29		0.20	0.10	ug/Kg	1	☼	1633A	Total/NA
Perfluorodecanoic acid (PFDA)	0.27		0.20	0.060	ug/Kg	1	☼	1633A	Total/NA

This Detection Summary does not include radiochemical test results.

Client Sample ID: 61A_0-3 (Continued)

Lab Sample ID: 460-336556-9

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Perfluoroundecanoic acid (PFUnA)	1.33		0.20	0.10	ug/Kg	1	☼	1633A	Total/NA
Perfluorotridecanoic acid (PFTrDA)	0.77		0.20	0.10	ug/Kg	1	☼	1633A	Total/NA
Aluminum	8750		17.0	4.7	mg/Kg	1	☼	6020B	Total/NA
Antimony	1.3		0.85	0.12	mg/Kg	1	☼	6020B	Total/NA
Arsenic	6.3		0.85	0.088	mg/Kg	1	☼	6020B	Total/NA
Barium	53.1		1.7	0.12	mg/Kg	1	☼	6020B	Total/NA
Beryllium	0.56		0.34	0.019	mg/Kg	1	☼	6020B	Total/NA
Cadmium	0.17	J	0.85	0.096	mg/Kg	1	☼	6020B	Total/NA
Calcium	809		85.1	8.3	mg/Kg	1	☼	6020B	Total/NA
Chromium	16.8		1.7	0.25	mg/Kg	1	☼	6020B	Total/NA
Cobalt	7.5		0.85	0.13	mg/Kg	1	☼	6020B	Total/NA
Copper	29.4		1.7	0.31	mg/Kg	1	☼	6020B	Total/NA
Iron	24000		51.1	6.5	mg/Kg	1	☼	6020B	Total/NA
Lead	24.2		0.51	0.17	mg/Kg	1	☼	6020B	Total/NA
Magnesium	2920		85.1	8.7	mg/Kg	1	☼	6020B	Total/NA
Manganese	333		3.4	0.34	mg/Kg	1	☼	6020B	Total/NA
Nickel	15.9		1.7	0.15	mg/Kg	1	☼	6020B	Total/NA
Potassium	1700		85.1	13.8	mg/Kg	1	☼	6020B	Total/NA
Selenium	0.27	J	1.1	0.11	mg/Kg	1	☼	6020B	Total/NA
Silver	0.13	J	0.34	0.076	mg/Kg	1	☼	6020B	Total/NA
Sodium	91.6		85.1	38.9	mg/Kg	1	☼	6020B	Total/NA
Thallium	0.11	J	0.34	0.035	mg/Kg	1	☼	6020B	Total/NA
Vanadium	25.0		1.7	0.18	mg/Kg	1	☼	6020B	Total/NA
Zinc	52.4		6.8	0.93	mg/Kg	1	☼	6020B	Total/NA
Mercury	0.021		0.017	0.0079	mg/Kg	1	☼	7471B	Total/NA

Client Sample ID: 61A_3-6

Lab Sample ID: 460-336556-10

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Perfluorooctanoic acid (PFOA)	0.085	J	0.20	0.060	ug/Kg	1	☼	1633A	Total/NA
Perfluorononanoic acid (PFNA)	3.29		0.20	0.099	ug/Kg	1	☼	1633A	Total/NA
Perfluorodecanoic acid (PFDA)	0.36		0.20	0.060	ug/Kg	1	☼	1633A	Total/NA
Perfluoroundecanoic acid (PFUnA)	15.2		0.20	0.099	ug/Kg	1	☼	1633A	Total/NA
Perfluorododecanoic acid (PFDoA)	0.21		0.20	0.099	ug/Kg	1	☼	1633A	Total/NA
Perfluorotridecanoic acid (PFTrDA)	5.36		0.20	0.099	ug/Kg	1	☼	1633A	Total/NA
Aluminum	5410		17.4	4.8	mg/Kg	1	☼	6020B	Total/NA
Antimony	2.9		0.87	0.13	mg/Kg	1	☼	6020B	Total/NA
Arsenic	9.0		0.87	0.090	mg/Kg	1	☼	6020B	Total/NA
Barium	34.4		1.7	0.13	mg/Kg	1	☼	6020B	Total/NA
Beryllium	0.53		0.35	0.019	mg/Kg	1	☼	6020B	Total/NA
Cadmium	0.22	J	0.87	0.098	mg/Kg	1	☼	6020B	Total/NA
Calcium	526		87.0	8.5	mg/Kg	1	☼	6020B	Total/NA
Chromium	14.0		1.7	0.26	mg/Kg	1	☼	6020B	Total/NA
Cobalt	5.3		0.87	0.13	mg/Kg	1	☼	6020B	Total/NA
Copper	64.5		1.7	0.32	mg/Kg	1	☼	6020B	Total/NA
Iron	18500		52.2	6.7	mg/Kg	1	☼	6020B	Total/NA
Lead	47.0		0.52	0.17	mg/Kg	1	☼	6020B	Total/NA
Magnesium	1440		87.0	8.9	mg/Kg	1	☼	6020B	Total/NA
Manganese	187		3.5	0.35	mg/Kg	1	☼	6020B	Total/NA
Nickel	17.0		1.7	0.15	mg/Kg	1	☼	6020B	Total/NA
Potassium	1470		87.0	14.1	mg/Kg	1	☼	6020B	Total/NA

This Detection Summary does not include radiochemical test results.

Client Sample ID: 61A_3-6 (Continued) — Lab Sample ID: 460-336556-10

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Selenium	0.30	J	1.1	0.11	mg/Kg	1	☼	6020B	Total/NA
Silver	0.49		0.35	0.077	mg/Kg	1	☼	6020B	Total/NA
Sodium	42.1	J	87.0	39.7	mg/Kg	1	☼	6020B	Total/NA
Thallium	0.073	J	0.35	0.036	mg/Kg	1	☼	6020B	Total/NA
Vanadium	25.0		1.7	0.18	mg/Kg	1	☼	6020B	Total/NA
Zinc	54.7		7.0	0.95	mg/Kg	1	☼	6020B	Total/NA
Mercury	0.030		0.019	0.0088	mg/Kg	1	☼	7471B	Total/NA

Client Sample ID: 62A_0-5 — Lab Sample ID: 460-336556-11

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Perfluoroheptanoic acid (PFHpA)	0.26		0.20	0.10	ug/Kg	1	☼	1633A	Total/NA
Perfluorooctanoic acid (PFOA)	0.31		0.20	0.060	ug/Kg	1	☼	1633A	Total/NA
Perfluorononanoic acid (PFNA)	2.32		0.20	0.10	ug/Kg	1	☼	1633A	Total/NA
Perfluorodecanoic acid (PFDA)	1.09		0.20	0.060	ug/Kg	1	☼	1633A	Total/NA
Perfluoroundecanoic acid (PFUnA)	8.63		0.20	0.10	ug/Kg	1	☼	1633A	Total/NA
Perfluorododecanoic acid (PFDoA)	0.57		0.20	0.10	ug/Kg	1	☼	1633A	Total/NA
Perfluorotridecanoic acid (PFTrDA)	4.09		0.20	0.10	ug/Kg	1	☼	1633A	Total/NA
Perfluorotetradecanoic acid (PFTeDA)	0.18	J	0.20	0.10	ug/Kg	1	☼	1633A	Total/NA
1H,1H,2H,2H-Perfluorodecane sulfonic acid (8:2 FTS)	1.27		0.40	0.20	ug/Kg	1	☼	1633A	Total/NA
Aluminum	6750		16.8	4.6	mg/Kg	1	☼	6020B	Total/NA
Antimony	1.5		0.84	0.12	mg/Kg	1	☼	6020B	Total/NA
Arsenic	6.5		0.84	0.087	mg/Kg	1	☼	6020B	Total/NA
Barium	45.5		1.7	0.12	mg/Kg	1	☼	6020B	Total/NA
Beryllium	0.82		0.34	0.019	mg/Kg	1	☼	6020B	Total/NA
Cadmium	0.20	J	0.84	0.095	mg/Kg	1	☼	6020B	Total/NA
Calcium	1070		84.2	8.2	mg/Kg	1	☼	6020B	Total/NA
Chromium	25.3		1.7	0.25	mg/Kg	1	☼	6020B	Total/NA
Cobalt	7.0		0.84	0.12	mg/Kg	1	☼	6020B	Total/NA
Copper	43.8		1.7	0.31	mg/Kg	1	☼	6020B	Total/NA
Iron	19700		50.5	6.4	mg/Kg	1	☼	6020B	Total/NA
Lead	82.6		0.51	0.17	mg/Kg	1	☼	6020B	Total/NA
Magnesium	1780		84.2	8.6	mg/Kg	1	☼	6020B	Total/NA
Manganese	225		3.4	0.34	mg/Kg	1	☼	6020B	Total/NA
Nickel	19.6		1.7	0.15	mg/Kg	1	☼	6020B	Total/NA
Potassium	1320		84.2	13.6	mg/Kg	1	☼	6020B	Total/NA
Selenium	0.32	J	1.1	0.11	mg/Kg	1	☼	6020B	Total/NA
Silver	0.17	J	0.34	0.075	mg/Kg	1	☼	6020B	Total/NA
Sodium	77.8	J	84.2	38.5	mg/Kg	1	☼	6020B	Total/NA
Thallium	0.082	J	0.34	0.035	mg/Kg	1	☼	6020B	Total/NA
Vanadium	32.5		1.7	0.17	mg/Kg	1	☼	6020B	Total/NA
Zinc	117		6.7	0.92	mg/Kg	1	☼	6020B	Total/NA
Mercury	0.041		0.017	0.0080	mg/Kg	1	☼	7471B	Total/NA

Client Sample ID: 62A_5-10 — Lab Sample ID: 460-336556-12

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Perfluoroheptanoic acid (PFHpA)	0.20		0.19	0.096	ug/Kg	1	☼	1633A	Total/NA
Perfluorooctanoic acid (PFOA)	0.19		0.19	0.058	ug/Kg	1	☼	1633A	Total/NA
Perfluorononanoic acid (PFNA)	0.88		0.19	0.096	ug/Kg	1	☼	1633A	Total/NA
Perfluorodecanoic acid (PFDA)	0.94		0.19	0.058	ug/Kg	1	☼	1633A	Total/NA

This Detection Summary does not include radiochemical test results.

Client Sample ID: 62A_5-10 (Continued) — Lab Sample ID: 460-336556-12

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Perfluoroundecanoic acid (PFUnA)	6.95		0.19	0.096	ug/Kg	1	☼	1633A	Total/NA
Perfluorododecanoic acid (PFDoA)	0.79		0.19	0.096	ug/Kg	1	☼	1633A	Total/NA
Perfluorotridecanoic acid (PFTrDA)	3.26		0.19	0.096	ug/Kg	1	☼	1633A	Total/NA
Perfluorotetradecanoic acid (PFTeDA)	0.19		0.19	0.096	ug/Kg	1	☼	1633A	Total/NA
1H,1H,2H,2H-Perfluorooctane sulfonic acid (6:2 FTS)	0.22	J	0.39	0.19	ug/Kg	1	☼	1633A	Total/NA
1H,1H,2H,2H-Perfluorodecane sulfonic acid (8:2 FTS)	1.96		0.39	0.19	ug/Kg	1	☼	1633A	Total/NA
Aluminum	7000		17.2	4.7	mg/Kg	1	☼	6020B	Total/NA
Antimony	1.1		0.86	0.13	mg/Kg	1	☼	6020B	Total/NA
Arsenic	8.0		0.86	0.089	mg/Kg	1	☼	6020B	Total/NA
Barium	38.2		1.7	0.12	mg/Kg	1	☼	6020B	Total/NA
Beryllium	0.47		0.34	0.019	mg/Kg	1	☼	6020B	Total/NA
Cadmium	0.11	J	0.86	0.097	mg/Kg	1	☼	6020B	Total/NA
Calcium	841		86.1	8.4	mg/Kg	1	☼	6020B	Total/NA
Chromium	20.1		1.7	0.26	mg/Kg	1	☼	6020B	Total/NA
Cobalt	5.5		0.86	0.13	mg/Kg	1	☼	6020B	Total/NA
Copper	43.9		1.7	0.32	mg/Kg	1	☼	6020B	Total/NA
Iron	21100		51.7	6.6	mg/Kg	1	☼	6020B	Total/NA
Lead	44.3		0.52	0.17	mg/Kg	1	☼	6020B	Total/NA
Magnesium	1200		86.1	8.8	mg/Kg	1	☼	6020B	Total/NA
Manganese	146		3.4	0.35	mg/Kg	1	☼	6020B	Total/NA
Nickel	22.7		1.7	0.15	mg/Kg	1	☼	6020B	Total/NA
Potassium	767		86.1	14.0	mg/Kg	1	☼	6020B	Total/NA
Selenium	0.28	J	1.1	0.11	mg/Kg	1	☼	6020B	Total/NA
Silver	0.11	J	0.34	0.077	mg/Kg	1	☼	6020B	Total/NA
Sodium	48.0	J	86.1	39.4	mg/Kg	1	☼	6020B	Total/NA
Thallium	0.083	J	0.34	0.035	mg/Kg	1	☼	6020B	Total/NA
Vanadium	39.1		1.7	0.18	mg/Kg	1	☼	6020B	Total/NA
Zinc	69.0		6.9	0.94	mg/Kg	1	☼	6020B	Total/NA
Mercury	0.027		0.018	0.0084	mg/Kg	1	☼	7471B	Total/NA

Client Sample ID: 48A1_0-1 — Lab Sample ID: 460-336556-13

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Acetone	0.11		0.0048	0.0046	mg/Kg	1	☼	8260D	Total/NA

Client Sample ID: 48A2_3-4 — Lab Sample ID: 460-336556-14

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Acetone	0.12		0.0058	0.0055	mg/Kg	1	☼	8260D	Total/NA

Client Sample ID: 48A3_1-2 — Lab Sample ID: 460-336556-15

No Detections.

Client Sample ID: 48A1_4-5 — Lab Sample ID: 460-336556-16

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Acetone	0.086		0.0059	0.0056	mg/Kg	1	☼	8260D	Total/NA

This Detection Summary does not include radiochemical test results.

Client Sample ID: 48A2_5-6 — Lab Sample ID: 460-336556-17

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Acetone	0.017		0.0060	0.0057	mg/Kg	1	☼	8260D	Total/NA

Client Sample ID: 48A3_2-3 — Lab Sample ID: 460-336556-18

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Acetone	0.12		0.0060	0.0057	mg/Kg	1	☼	8260D	Total/NA

Client Sample ID: 48A1_5-6 — Lab Sample ID: 460-336556-19

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Acetone	0.19		0.0069	0.0066	mg/Kg	1	☼	8260D	Total/NA

Client Sample ID: 48B1_0-1 — Lab Sample ID: 460-336556-20

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Acetone	0.037		0.0051	0.0049	mg/Kg	1	☼	8260D	Total/NA

Client Sample ID: 48B2_1-2 — Lab Sample ID: 460-336556-21

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Acetone	0.055		0.0072	0.0069	mg/Kg	1	☼	8260D	Total/NA
Toluene	0.00062	J	0.0012	0.00028	mg/Kg	1	☼	8260D	Total/NA

Client Sample ID: 48B3_2-3 — Lab Sample ID: 460-336556-22

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Acetone	0.047		0.0080	0.0076	mg/Kg	1	☼	8260D	Total/NA
Toluene	0.00055	J	0.0013	0.00031	mg/Kg	1	☼	8260D	Total/NA

Client Sample ID: 48B1_3-4 — Lab Sample ID: 460-336556-23

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Acetone	0.090		0.0066	0.0063	mg/Kg	1	☼	8260D	Total/NA

Client Sample ID: 48B2_4-5 — Lab Sample ID: 460-336556-24

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Acetone	0.18		0.0084	0.0080	mg/Kg	1	☼	8260D	Total/NA
Methylene Chloride	0.0016	J	0.0028	0.0016	mg/Kg	1	☼	8260D	Total/NA
Toluene	0.00054	J	0.0014	0.00033	mg/Kg	1	☼	8260D	Total/NA

Client Sample ID: 48B3_5-6 — Lab Sample ID: 460-336556-25

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Acetone	0.087		0.0066	0.0063	mg/Kg	1	☼	8260D	Total/NA

Client Sample ID: 48B2_5-6 — Lab Sample ID: 460-336556-26

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Acetone	0.075		0.0063	0.0060	mg/Kg	1	☼	8260D	Total/NA
Toluene	0.00042	J	0.0010	0.00024	mg/Kg	1	☼	8260D	Total/NA

Client Sample ID: 48C1_0-1 — Lab Sample ID: 460-336556-27

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Acetone	0.12		0.0065	0.0062	mg/Kg	1	☼	8260D	Total/NA

This Detection Summary does not include radiochemical test results.

Detection Summary

Client: Haley & Aldrich, Inc.
Project/Site: Former Port Mobil

Job ID: 460-336556-1

Client Sample ID: 48C2_1-2 — Lab Sample ID: 460-336556-28

No Detections.

Client Sample ID: 48C3_2-3 — Lab Sample ID: 460-336556-29

No Detections.

Client Sample ID: 48C1_3-4 — Lab Sample ID: 460-336556-30

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Acetone	0.061		0.0070	0.0067	mg/Kg	1	☼	8260D	Total/NA

Client Sample ID: 48C2_4-5 — Lab Sample ID: 460-336556-31

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Acetone	0.17		0.0072	0.0069	mg/Kg	1	☼	8260D	Total/NA

Client Sample ID: 48C3_5-6 — Lab Sample ID: 460-336556-32

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Acetone	0.020		0.0060	0.0057	mg/Kg	1	☼	8260D	Total/NA

Client Sample ID: 48C3_1-2 — Lab Sample ID: 460-336556-33

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Acetone	0.016		0.0061	0.0059	mg/Kg	1	☼	8260D	Total/NA

Client Sample ID: 48D1_1-2 — Lab Sample ID: 460-336556-34

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Acetone	0.030		0.0076	0.0073	mg/Kg	1	☼	8260D	Total/NA

Client Sample ID: 48D2_2-3 — Lab Sample ID: 460-336556-35

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Acetone	0.17		0.0059	0.0056	mg/Kg	1	☼	8260D	Total/NA
Methylene Chloride	0.0020		0.0020	0.0011	mg/Kg	1	☼	8260D	Total/NA

Client Sample ID: 48D3_3-4 — Lab Sample ID: 460-336556-36

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Acetone	0.21		0.0056	0.0054	mg/Kg	1	☼	8260D	Total/NA

Client Sample ID: 48D1_4-5 — Lab Sample ID: 460-336556-37

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Acetone	0.062		0.0061	0.0058	mg/Kg	1	☼	8260D	Total/NA

Client Sample ID: 48D2_5-6 — Lab Sample ID: 460-336556-38

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Acetone	0.087		0.0089	0.0084	mg/Kg	1	☼	8260D	Total/NA

Client Sample ID: 48D3_5-6 — Lab Sample ID: 460-336556-39

No Detections.

This Detection Summary does not include radiochemical test results.

Detection Summary

Client: Haley & Aldrich, Inc.
Project/Site: Former Port Mobil

Job ID: 460-336556-1

Client Sample ID: 48D1_2-3 — Lab Sample ID: 460-336556-40

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Acetone	0.12		0.0065	0.0062	mg/Kg	1	☼	8260D	Total/NA

Client Sample ID: 61A1_1-2 — Lab Sample ID: 460-336556-41

No Detections.

Client Sample ID: 61A2_2-3 — Lab Sample ID: 460-336556-42

No Detections.

Client Sample ID: 61A3_3-4 — Lab Sample ID: 460-336556-43

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Acetone	0.22		0.0067	0.0064	mg/Kg	1	☼	8260D	Total/NA

Client Sample ID: 61A1_4-5 — Lab Sample ID: 460-336556-44

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Acetone	0.088		0.0062	0.0059	mg/Kg	1	☼	8260D	Total/NA

Client Sample ID: 61A2_5-6 — Lab Sample ID: 460-336556-45

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Acetone	0.010		0.0050	0.0047	mg/Kg	1	☼	8260D	Total/NA

Client Sample ID: 61A3_5-6 — Lab Sample ID: 460-336556-46

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Acetone	0.11		0.0075	0.0072	mg/Kg	1	☼	8260D	Total/NA

Client Sample ID: 61A2_0-1 — Lab Sample ID: 460-336556-47

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Acetone	0.032		0.0076	0.0073	mg/Kg	1	☼	8260D	Total/NA

Client Sample ID: 62A1_1-2 — Lab Sample ID: 460-336556-48

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Acetone	0.036		0.0052	0.0049	mg/Kg	1	☼	8260D	Total/NA

Client Sample ID: 62A2_2-3 — Lab Sample ID: 460-336556-49

No Detections.

Client Sample ID: 62A3_3-4 — Lab Sample ID: 460-336556-50

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Acetone	0.060		0.0070	0.0067	mg/Kg	1	☼	8260D	Total/NA

Client Sample ID: 62A1_4-5 — Lab Sample ID: 460-336556-51

No Detections.

Client Sample ID: 62A2_5-6 — Lab Sample ID: 460-336556-52

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Acetone	0.011		0.0080	0.0076	mg/Kg	1	☼	8260D	Total/NA

This Detection Summary does not include radiochemical test results.

Detection Summary

Client: Haley & Aldrich, Inc.
Project/Site: Former Port Mobil

Job ID: 460-336556-1

Client Sample ID: 62A3_7-8 — Lab Sample ID: 460-336556-53

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Acetone	0.046		0.0064	0.0061	mg/Kg	1	☼	8260D	Total/NA

Client Sample ID: 62A1_9-10 — Lab Sample ID: 460-336556-54

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Acetone	0.10		0.0081	0.0077	mg/Kg	1	☼	8260D	Total/NA
Methyl acetate	0.0064	J	0.0068	0.0058	mg/Kg	1	☼	8260D	Total/NA

This Detection Summary does not include radiochemical test results.

Client: Haley & Aldrich, Inc.
Project/Site: Former Port Mobil

Job ID: 460-336556-1

Client Sample ID: 48A_0-3
Date Collected: 10/06/25 08:00
Date Received: 10/06/25 15:30

Lab Sample ID: 460-336556-1
Matrix: Solid
Percent Solids: 96.0

Method: SW846 8270E - Semivolatile Organic Compounds (GC/MS)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1'-Biphenyl	0.34	U	0.34	0.012	mg/Kg	☼	10/07/25 21:44	10/08/25 12:35	1
1,2,4,5-Tetrachlorobenzene	0.34	U	0.34	0.011	mg/Kg	☼	10/07/25 21:44	10/08/25 12:35	1
1,4-Dioxane	0.034	U	0.034	0.030	mg/Kg	☼	10/07/25 21:44	10/08/25 12:35	1
2,2'-oxybis[1-chloropropane]	0.34	U	0.34	0.020	mg/Kg	☼	10/07/25 21:44	10/08/25 12:35	1
2,3,4,6-Tetrachlorophenol	0.34	U	0.34	0.023	mg/Kg	☼	10/07/25 21:44	10/08/25 12:35	1
2,4,5-Trichlorophenol	0.34	U	0.34	0.035	mg/Kg	☼	10/07/25 21:44	10/08/25 12:35	1
2,4,6-Trichlorophenol	0.14	U	0.14	0.044	mg/Kg	☼	10/07/25 21:44	10/08/25 12:35	1
2,4-Dichlorophenol	0.14	U	0.14	0.022	mg/Kg	☼	10/07/25 21:44	10/08/25 12:35	1
2,4-Dimethylphenol	0.34	U	0.34	0.041	mg/Kg	☼	10/07/25 21:44	10/08/25 12:35	1
2,4-Dinitrophenol	0.28	U	0.28	0.17	mg/Kg	☼	10/07/25 21:44	10/08/25 12:35	1
2,4-Dinitrotoluene	0.069	U	0.069	0.037	mg/Kg	☼	10/07/25 21:44	10/08/25 12:35	1
2,6-Dinitrotoluene	0.069	U	0.069	0.025	mg/Kg	☼	10/07/25 21:44	10/08/25 12:35	1
2-Chloronaphthalene	0.34	U	0.34	0.044	mg/Kg	☼	10/07/25 21:44	10/08/25 12:35	1
2-Chlorophenol	0.34	U	0.34	0.012	mg/Kg	☼	10/07/25 21:44	10/08/25 12:35	1
2-Methylnaphthalene	**0.014**	**J**	0.34	0.0096	mg/Kg	☼	10/07/25 21:44	10/08/25 12:35	1
2-Methylphenol	0.34	U	0.34	0.013	mg/Kg	☼	10/07/25 21:44	10/08/25 12:35	1
2-Nitroaniline	0.34	U	0.34	0.026	mg/Kg	☼	10/07/25 21:44	10/08/25 12:35	1
2-Nitrophenol	0.34	U	0.34	0.034	mg/Kg	☼	10/07/25 21:44	10/08/25 12:35	1
3 & 4 Methylphenol	0.34	U	0.34	0.021	mg/Kg	☼	10/07/25 21:44	10/08/25 12:35	1
3,3'-Dichlorobenzidine	0.14	U	0.14	0.052	mg/Kg	☼	10/07/25 21:44	10/08/25 12:35	1
3-Nitroaniline	0.34	U	0.34	0.081	mg/Kg	☼	10/07/25 21:44	10/08/25 12:35	1
4,6-Dinitro-2-methylphenol	0.28	U	0.28	0.14	mg/Kg	☼	10/07/25 21:44	10/08/25 12:35	1
4-Bromophenyl phenyl ether	0.34	U	0.34	0.014	mg/Kg	☼	10/07/25 21:44	10/08/25 12:35	1
4-Chloro-3-methylphenol	0.34	U	0.34	0.019	mg/Kg	☼	10/07/25 21:44	10/08/25 12:35	1
4-Chloroaniline	0.34	U	0.34	0.061	mg/Kg	☼	10/07/25 21:44	10/08/25 12:35	1
4-Chlorophenyl phenyl ether	0.34	U	0.34	0.012	mg/Kg	☼	10/07/25 21:44	10/08/25 12:35	1
4-Methylphenol	0.34	U	0.34	0.021	mg/Kg	☼	10/07/25 21:44	10/08/25 12:35	1
4-Nitroaniline	0.34	U	0.34	0.087	mg/Kg	☼	10/07/25 21:44	10/08/25 12:35	1
4-Nitrophenol	0.69	U	0.69	0.056	mg/Kg	☼	10/07/25 21:44	10/08/25 12:35	1
Acenaphthene	**0.026**	**J**	0.34	0.0098	mg/Kg	☼	10/07/25 21:44	10/08/25 12:35	1
Acenaphthylene	**0.16**	**J**	0.34	0.0098	mg/Kg	☼	10/07/25 21:44	10/08/25 12:35	1
Acetophenone	0.34	U	0.34	0.017	mg/Kg	☼	10/07/25 21:44	10/08/25 12:35	1
Anthracene	**0.28**	**J**	0.34	0.010	mg/Kg	☼	10/07/25 21:44	10/08/25 12:35	1
Atrazine	0.14	U	0.14	0.020	mg/Kg	☼	10/07/25 21:44	10/08/25 12:35	1
Benzaldehyde	0.34	U	0.34	0.057	mg/Kg	☼	10/07/25 21:44	10/08/25 12:35	1
Benzo[a]anthracene	**0.19**		0.034	0.026	mg/Kg	☼	10/07/25 21:44	10/08/25 12:35	1
Benzo[a]pyrene	**0.23**		0.034	0.0091	mg/Kg	☼	10/07/25 21:44	10/08/25 12:35	1
Benzo[b]fluoranthene	**0.28**		0.034	0.0089	mg/Kg	☼	10/07/25 21:44	10/08/25 12:35	1
Benzo[g,h,i]perylene	**0.26**	**J**	0.34	0.010	mg/Kg	☼	10/07/25 21:44	10/08/25 12:35	1
Benzo[k]fluoranthene	**0.10**		0.034	0.0067	mg/Kg	☼	10/07/25 21:44	10/08/25 12:35	1
Bis(2-chloroethoxy)methane	0.34	U	0.34	0.063	mg/Kg	☼	10/07/25 21:44	10/08/25 12:35	1
Bis(2-chloroethyl)ether	0.034	U	0.034	0.012	mg/Kg	☼	10/07/25 21:44	10/08/25 12:35	1
Bis(2-ethylhexyl) phthalate	0.34	U	0.34	0.018	mg/Kg	☼	10/07/25 21:44	10/08/25 12:35	1
Butyl benzyl phthalate	0.34	U	0.34	0.016	mg/Kg	☼	10/07/25 21:44	10/08/25 12:35	1
Caprolactam	0.34	U	0.34	0.053	mg/Kg	☼	10/07/25 21:44	10/08/25 12:35	1
Carbazole	**0.10**	**J**	0.34	0.013	mg/Kg	☼	10/07/25 21:44	10/08/25 12:35	1
Chrysene	**0.21**	**J**	0.34	0.014	mg/Kg	☼	10/07/25 21:44	10/08/25 12:35	1
Dibenz(a,h)anthracene	**0.035**		0.034	0.015	mg/Kg	☼	10/07/25 21:44	10/08/25 12:35	1
Dibenzofuran	**0.025**	**J**	0.34	0.011	mg/Kg	☼	10/07/25 21:44	10/08/25 12:35	1

Client Sample ID: 48A_0-3

Date Collected: 10/06/25 08:00
Date Received: 10/06/25 15:30

Lab Sample ID: 460-336556-1

Matrix: Solid
Percent Solids: 96.0

Method: SW846 8270E - Semivolatile Organic Compounds (GC/MS) (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Diethyl phthalate	0.34	U	0.34	0.011	mg/Kg	☼	10/07/25 21:44	10/08/25 12:35	1
Dimethyl phthalate	0.34	U	0.34	0.078	mg/Kg	☼	10/07/25 21:44	10/08/25 12:35	1
Di-n-butyl phthalate	0.34	U	0.34	0.013	mg/Kg	☼	10/07/25 21:44	10/08/25 12:35	1
Di-n-octyl phthalate	0.34	U	0.34	0.018	mg/Kg	☼	10/07/25 21:44	10/08/25 12:35	1
Fluoranthene	**0.46**		0.34	0.012	mg/Kg	☼	10/07/25 21:44	10/08/25 12:35	1
Fluorene	**0.046**	**J**	0.34	0.010	mg/Kg	☼	10/07/25 21:44	10/08/25 12:35	1
Hexachlorobenzene	0.034	U	0.034	0.016	mg/Kg	☼	10/07/25 21:44	10/08/25 12:35	1
Hexachlorobutadiene	0.069	U	0.069	0.0073	mg/Kg	☼	10/07/25 21:44	10/08/25 12:35	1
Hexachlorocyclopentadiene	0.34	U	0.34	0.030	mg/Kg	☼	10/07/25 21:44	10/08/25 12:35	1
Hexachloroethane	0.034	U	0.034	0.012	mg/Kg	☼	10/07/25 21:44	10/08/25 12:35	1
Indeno[1,2,3-cd]pyrene	**0.20**		0.034	0.013	mg/Kg	☼	10/07/25 21:44	10/08/25 12:35	1
Isophorone	0.14	U	0.14	0.099	mg/Kg	☼	10/07/25 21:44	10/08/25 12:35	1
Naphthalene	**0.036**	**J**	0.34	0.0059	mg/Kg	☼	10/07/25 21:44	10/08/25 12:35	1
Nitrobenzene	0.034	U	0.034	0.019	mg/Kg	☼	10/07/25 21:44	10/08/25 12:35	1
N-Nitrosodi-n-propylamine	0.034	U	0.034	0.025	mg/Kg	☼	10/07/25 21:44	10/08/25 12:35	1
N-Nitrosodiphenylamine	0.34	U	0.34	0.028	mg/Kg	☼	10/07/25 21:44	10/08/25 12:35	1
Pentachlorophenol	0.28	U	0.28	0.070	mg/Kg	☼	10/07/25 21:44	10/08/25 12:35	1
Phenanthrene	**0.38**		0.34	0.014	mg/Kg	☼	10/07/25 21:44	10/08/25 12:35	1
Phenol	0.34	U	0.34	0.013	mg/Kg	☼	10/07/25 21:44	10/08/25 12:35	1
Pyrene	**0.35**		0.34	0.0085	mg/Kg	☼	10/07/25 21:44	10/08/25 12:35	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
2,4,6-Tribromophenol (Surr)	*59*		*18 - 137*	*10/07/25 21:44*	*10/08/25 12:35*	*1*
2-Fluorobiphenyl	*58*		*33 - 117*	*10/07/25 21:44*	*10/08/25 12:35*	*1*
2-Fluorophenol (Surr)	*56*		*24 - 120*	*10/07/25 21:44*	*10/08/25 12:35*	*1*
Nitrobenzene-d5 (Surr)	*51*		*27 - 120*	*10/07/25 21:44*	*10/08/25 12:35*	*1*
Phenol-d5 (Surr)	*52*		*28 - 118*	*10/07/25 21:44*	*10/08/25 12:35*	*1*
Terphenyl-d14 (Surr)	*58*		*33 - 124*	*10/07/25 21:44*	*10/08/25 12:35*	*1*

Method: SW846 8081B - Organochlorine Pesticides (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
4,4'-DDD	0.0070	U	0.0070	0.0012	mg/Kg	☼	10/07/25 17:46	10/08/25 08:21	1
4,4'-DDE	0.0070	U	0.0070	0.00082	mg/Kg	☼	10/07/25 17:46	10/08/25 08:21	1
4,4'-DDT	0.0070	U	0.0070	0.0013	mg/Kg	☼	10/07/25 17:46	10/08/25 08:21	1
Aldrin	0.0070	U	0.0070	0.0011	mg/Kg	☼	10/07/25 17:46	10/08/25 08:21	1
alpha-BHC	0.0021	U	0.0021	0.00071	mg/Kg	☼	10/07/25 17:46	10/08/25 08:21	1
beta-BHC	0.0021	U	0.0021	0.00078	mg/Kg	☼	10/07/25 17:46	10/08/25 08:21	1
Chlordane (technical)	0.070	U	0.070	0.017	mg/Kg	☼	10/07/25 17:46	10/08/25 08:21	1
cis-Chlordane	0.0070	U	0.0070	0.0011	mg/Kg	☼	10/07/25 17:46	10/08/25 08:21	1
delta-BHC	0.0021	U	0.0021	0.00043	mg/Kg	☼	10/07/25 17:46	10/08/25 08:21	1
Dieldrin	0.0021	U	0.0021	0.00091	mg/Kg	☼	10/07/25 17:46	10/08/25 08:21	1
Endosulfan I	0.0070	U	0.0070	0.0011	mg/Kg	☼	10/07/25 17:46	10/08/25 08:21	1
Endosulfan II	0.0070	U	0.0070	0.0018	mg/Kg	☼	10/07/25 17:46	10/08/25 08:21	1
Endosulfan sulfate	0.0070	U	0.0070	0.00087	mg/Kg	☼	10/07/25 17:46	10/08/25 08:21	1
Endrin	0.0070	U	0.0070	0.0010	mg/Kg	☼	10/07/25 17:46	10/08/25 08:21	1
Endrin aldehyde	0.0070	U	0.0070	0.0016	mg/Kg	☼	10/07/25 17:46	10/08/25 08:21	1
Endrin ketone	0.0070	U	0.0070	0.0014	mg/Kg	☼	10/07/25 17:46	10/08/25 08:21	1
gamma-BHC (Lindane)	0.0021	U	0.0021	0.00065	mg/Kg	☼	10/07/25 17:46	10/08/25 08:21	1
Heptachlor	0.0070	U	0.0070	0.00082	mg/Kg	☼	10/07/25 17:46	10/08/25 08:21	1
Heptachlor epoxide	0.0070	U	0.0070	0.0010	mg/Kg	☼	10/07/25 17:46	10/08/25 08:21	1

Client Sample ID: 48A_0-3
Date Collected: 10/06/25 08:00
Date Received: 10/06/25 15:30

Lab Sample ID: 460-336556-1
Matrix: Solid
Percent Solids: 96.0

Method: SW846 8081B - Organochlorine Pesticides (GC) (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Methoxychlor	0.0070	U	0.0070	0.0016	mg/Kg	☼	10/07/25 17:46	10/08/25 08:21	1
Toxaphene	0.070	U	0.070	0.025	mg/Kg	☼	10/07/25 17:46	10/08/25 08:21	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
DCB Decachlorobiphenyl	*114*		*10 - 150*	*10/07/25 17:46*	*10/08/25 08:21*	*1*
DCB Decachlorobiphenyl	*116*		*10 - 150*	*10/07/25 17:46*	*10/08/25 08:21*	*1*
Tetrachloro-m-xylene	*101*		*14 - 150*	*10/07/25 17:46*	*10/08/25 08:21*	*1*
Tetrachloro-m-xylene	*100*		*14 - 150*	*10/07/25 17:46*	*10/08/25 08:21*	*1*

Method: SW846 8082A - Polychlorinated Biphenyls (PCBs) by Gas Chromatography

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Aroclor 1016	0.070	U	0.070	0.019	mg/Kg	☼	10/07/25 17:40	10/08/25 09:51	1
Aroclor 1221	0.070	U	0.070	0.019	mg/Kg	☼	10/07/25 17:40	10/08/25 09:51	1
Aroclor 1232	0.070	U	0.070	0.019	mg/Kg	☼	10/07/25 17:40	10/08/25 09:51	1
Aroclor 1242	0.070	U	0.070	0.019	mg/Kg	☼	10/07/25 17:40	10/08/25 09:51	1
Aroclor 1248	0.070	U	0.070	0.019	mg/Kg	☼	10/07/25 17:40	10/08/25 09:51	1
Aroclor 1254	0.070	U	0.070	0.019	mg/Kg	☼	10/07/25 17:40	10/08/25 09:51	1
Aroclor 1260	0.070	U	0.070	0.019	mg/Kg	☼	10/07/25 17:40	10/08/25 09:51	1
Aroclor-1262	0.070	U	0.070	0.019	mg/Kg	☼	10/07/25 17:40	10/08/25 09:51	1
Aroclor 1268	0.070	U	0.070	0.019	mg/Kg	☼	10/07/25 17:40	10/08/25 09:51	1
Polychlorinated biphenyls, Total	0.070	U	0.070	0.019	mg/Kg	☼	10/07/25 17:40	10/08/25 09:51	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
DCB Decachlorobiphenyl	*88*		*10 - 150*	*10/07/25 17:40*	*10/08/25 09:51*	*1*
DCB Decachlorobiphenyl	*103*		*10 - 150*	*10/07/25 17:40*	*10/08/25 09:51*	*1*
Tetrachloro-m-xylene	*69*		*10 - 150*	*10/07/25 17:40*	*10/08/25 09:51*	*1*
Tetrachloro-m-xylene	*76*		*10 - 150*	*10/07/25 17:40*	*10/08/25 09:51*	*1*

Method: EPA 1633A - Per- and Polyfluoroalkyl Substances by LC/MS/MS, 1633A

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Perfluorobutanoic acid (PFBA)	0.39	U	0.39	0.097	ug/Kg	☼	10/08/25 14:13	10/09/25 06:59	1
Perfluoropentanoic acid (PFPeA)	**0.33**		0.19	0.097	ug/Kg	☼	10/08/25 14:13	10/09/25 06:59	1
Perfluorohexanoic acid (PFHxA)	**0.23**		0.19	0.097	ug/Kg	☼	10/08/25 14:13	10/09/25 06:59	1
Perfluoroheptanoic acid (PFHpA)	**0.42**		0.19	0.097	ug/Kg	☼	10/08/25 14:13	10/09/25 06:59	1
Perfluorooctanoic acid (PFOA)	**0.48**		0.19	0.058	ug/Kg	☼	10/08/25 14:13	10/09/25 06:59	1
Perfluorononanoic acid (PFNA)	**1.14**		0.19	0.097	ug/Kg	☼	10/08/25 14:13	10/09/25 06:59	1
Perfluorodecanoic acid (PFDA)	**1.68**		0.19	0.058	ug/Kg	☼	10/08/25 14:13	10/09/25 06:59	1
Perfluoroundecanoic acid (PFUnA)	**5.27**		0.19	0.097	ug/Kg	☼	10/08/25 14:13	10/09/25 06:59	1
Perfluorododecanoic acid (PFDoA)	**0.89**		0.19	0.097	ug/Kg	☼	10/08/25 14:13	10/09/25 06:59	1
Perfluorotridecanoic acid (PFTrDA)	**3.19**		0.19	0.097	ug/Kg	☼	10/08/25 14:13	10/09/25 06:59	1
Perfluorotetradecanoic acid (PFTeDA)	**0.18**	**J**	0.19	0.097	ug/Kg	☼	10/08/25 14:13	10/09/25 06:59	1
Perfluorobutanesulfonic acid (PFBS)	0.19	U	0.19	0.097	ug/Kg	☼	10/08/25 14:13	10/09/25 06:59	1
Perfluoropentanesulfonic acid (PFPeS)	0.19	U	0.19	0.097	ug/Kg	☼	10/08/25 14:13	10/09/25 06:59	1
Perfluorohexanesulfonic acid (PFHxS)	**0.13**	**J**	0.19	0.097	ug/Kg	☼	10/08/25 14:13	10/09/25 06:59	1
Perfluoroheptanesulfonic acid (PFHpS)	0.19	U	0.19	0.097	ug/Kg	☼	10/08/25 14:13	10/09/25 06:59	1

Client Sample ID: 48A_0-3
Date Collected: 10/06/25 08:00
Date Received: 10/06/25 15:30

Lab Sample ID: 460-336556-1
Matrix: Solid
Percent Solids: 96.0

Method: EPA 1633A - Per- and Polyfluoroalkyl Substances by LC/MS/MS, 1633A (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Perfluorooctanesulfonic acid (PFOS)	**0.37**		0.19	0.097	ug/Kg	☼	10/08/25 14:13	10/09/25 06:59	1
Perfluorononanesulfonic acid (PFNS)	0.19	U	0.19	0.097	ug/Kg	☼	10/08/25 14:13	10/09/25 06:59	1
Perfluorodecanesulfonic acid (PFDS)	0.19	U	0.19	0.097	ug/Kg	☼	10/08/25 14:13	10/09/25 06:59	1
Perfluorododecanesulfonic acid (PFDoS)	0.19	U	0.19	0.097	ug/Kg	☼	10/08/25 14:13	10/09/25 06:59	1
1H,1H,2H,2H-Perfluorohexane sulfonic acid (4:2 FTS)	0.39	U	0.39	0.19	ug/Kg	☼	10/08/25 14:13	10/09/25 06:59	1
1H,1H,2H,2H-Perfluorooctane sulfonic acid (6:2 FTS)	0.39	U	0.39	0.19	ug/Kg	☼	10/08/25 14:13	10/09/25 06:59	1
1H,1H,2H,2H-Perfluorodecane sulfonic acid (8:2 FTS)	**0.35**	**J**	0.39	0.19	ug/Kg	☼	10/08/25 14:13	10/09/25 06:59	1
Perfluorooctanesulfonamide (PFOSA)	0.19	U	0.19	0.097	ug/Kg	☼	10/08/25 14:13	10/09/25 06:59	1
N-methylperfluorooctane sulfonamide (NMeFOSA)	0.19	U	0.19	0.097	ug/Kg	☼	10/08/25 14:13	10/09/25 06:59	1
N-ethylperfluorooctane sulfonamide (NEtFOSA)	0.19	U	0.19	0.097	ug/Kg	☼	10/08/25 14:13	10/09/25 06:59	1
N-methylperfluorooctanesulfonamidoacetic acid (NMeFOSAA)	0.19	U	0.19	0.097	ug/Kg	☼	10/08/25 14:13	10/09/25 06:59	1
N-ethylperfluorooctanesulfonamidoacetic acid (NEtFOSAA)	0.19	U	0.19	0.097	ug/Kg	☼	10/08/25 14:13	10/09/25 06:59	1
N-methylperfluorooctane sulfonamidoethanol (NMeFOSE)	0.97	U	0.97	0.49	ug/Kg	☼	10/08/25 14:13	10/09/25 06:59	1
N-ethylperfluorooctane sulfonamidoethanol (NEtFOSE)	0.97	U	0.97	0.49	ug/Kg	☼	10/08/25 14:13	10/09/25 06:59	1
Hexafluoropropylene Oxide Dimer Acid (HFPO-DA)	0.19	U	0.19	0.097	ug/Kg	☼	10/08/25 14:13	10/09/25 06:59	1
4,8-Dioxa-3H-perfluorononanoic acid (ADONA)	0.19	U	0.19	0.097	ug/Kg	☼	10/08/25 14:13	10/09/25 06:59	1
Perfluoro-3-methoxypropanoic acid (PFMPA)	0.19	U	0.19	0.097	ug/Kg	☼	10/08/25 14:13	10/09/25 06:59	1
Perfluoro-4-methoxybutanoic acid (PFMBA)	0.19	U	0.19	0.097	ug/Kg	☼	10/08/25 14:13	10/09/25 06:59	1
Nonafluoro-3,6-dioxaheptanoic acid (NFDHA)	0.19	U	0.19	0.097	ug/Kg	☼	10/08/25 14:13	10/09/25 06:59	1
9-Chlorohexadecafluoro-3-oxanonane-1-sulfonic acid (9Cl-PF3ONS)	0.19	U	0.19	0.097	ug/Kg	☼	10/08/25 14:13	10/09/25 06:59	1
11-Chloroeicosafluoro-3-oxaundecane-1-sulfonic acid (11Cl-PF3OUdS)	0.19	U	0.19	0.097	ug/Kg	☼	10/08/25 14:13	10/09/25 06:59	1
Perfluoro (2-ethoxyethane) sulfonic acid (PFEESA)	0.19	U	0.19	0.097	ug/Kg	☼	10/08/25 14:13	10/09/25 06:59	1
3-Perfluoropropylpropanoic acid (3:3 FTCA)	0.39	U	0.39	0.19	ug/Kg	☼	10/08/25 14:13	10/09/25 06:59	1
3-Perfluoropentylpropanoic acid (5:3 FTCA)	0.97	U	0.97	0.49	ug/Kg	☼	10/08/25 14:13	10/09/25 06:59	1
3-Perfluoroheptylpropanoic acid (7:3 FTCA)	0.97	U	0.97	0.49	ug/Kg	☼	10/08/25 14:13	10/09/25 06:59	1

Isotope Dilution	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
13C4 PFBA	*94.1*		*8 - 130*	*10/08/25 14:13*	*10/09/25 06:59*	*1*
13C5 PFPeA	*83.4*		*35 - 130*	*10/08/25 14:13*	*10/09/25 06:59*	*1*
13C5 PFHxA	*83.8*		*40 - 130*	*10/08/25 14:13*	*10/09/25 06:59*	*1*
13C4 PFHpA	*88.7*		*40 - 130*	*10/08/25 14:13*	*10/09/25 06:59*	*1*
13C8 PFOA	*84.6*		*40 - 130*	*10/08/25 14:13*	*10/09/25 06:59*	*1*
13C9 PFNA	*86.5*		*40 - 130*	*10/08/25 14:13*	*10/09/25 06:59*	*1*
13C6 PFDA	*85.6*		*40 - 130*	*10/08/25 14:13*	*10/09/25 06:59*	*1*

Client Sample ID: 48A_0-3

Date Collected: 10/06/25 08:00
Date Received: 10/06/25 15:30

Lab Sample ID: 460-336556-1

Matrix: Solid
Percent Solids: 96.0

Method: EPA 1633A - Per- and Polyfluoroalkyl Substances by LC/MS/MS, 1633A (Continued)

Isotope Dilution	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
13C7 PFUnA	92.9		40 - 130	10/08/25 14:13	10/09/25 06:59	1
13C2 PFTeDA	78.7		20 - 130	10/08/25 14:13	10/09/25 06:59	1
13C3 PFBS	92.3		40 - 135	10/08/25 14:13	10/09/25 06:59	1
13C3 PFHxS	84.8		40 - 130	10/08/25 14:13	10/09/25 06:59	1
13C8 PFOS	77.8		40 - 130	10/08/25 14:13	10/09/25 06:59	1
13C8 FOSA	72.6		40 - 130	10/08/25 14:13	10/09/25 06:59	1
d3-NMeFOSAA	70.8		40 - 135	10/08/25 14:13	10/09/25 06:59	1
d5-NEtFOSAA	81.4		40 - 150	10/08/25 14:13	10/09/25 06:59	1
13C2 4:2 FTS	109		40 - 165	10/08/25 14:13	10/09/25 06:59	1
13C2 6:2 FTS	105		40 - 215	10/08/25 14:13	10/09/25 06:59	1
13C2 8:2 FTS	93.0		40 - 275	10/08/25 14:13	10/09/25 06:59	1
13C3 HFPO-DA	82.2		40 - 130	10/08/25 14:13	10/09/25 06:59	1
d7-N-MeFOSE-M	51.2		20 - 130	10/08/25 14:13	10/09/25 06:59	1
d9-N-EtFOSE-M	42.3		15 - 130	10/08/25 14:13	10/09/25 06:59	1
d5-NEtPFOSA	60.7		10 - 130	10/08/25 14:13	10/09/25 06:59	1
d3-NMePFOSA	65.5		10 - 130	10/08/25 14:13	10/09/25 06:59	1
13C2 PFDoA	87.3		40 - 130	10/08/25 14:13	10/09/25 06:59	1

Method: SW846 6020B - Metals (ICP/MS)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Aluminum	5730		16.0	4.4	mg/Kg	☼	10/09/25 16:40	10/10/25 19:32	1
Antimony	1.8		0.80	0.12	mg/Kg	☼	10/09/25 16:40	10/10/25 19:32	1
Arsenic	7.1		0.80	0.083	mg/Kg	☼	10/09/25 16:40	10/10/25 19:32	1
Barium	33.3		1.6	0.12	mg/Kg	☼	10/09/25 16:40	10/10/25 19:32	1
Beryllium	0.49		0.32	0.018	mg/Kg	☼	10/09/25 16:40	10/10/25 19:32	1
Cadmium	0.34	J	0.80	0.091	mg/Kg	☼	10/09/25 16:40	10/10/25 19:32	1
Calcium	882		80.1	7.8	mg/Kg	☼	10/09/25 16:40	10/10/25 19:32	1
Chromium	15.5		1.6	0.24	mg/Kg	☼	10/09/25 16:40	10/10/25 19:32	1
Cobalt	5.8		0.80	0.12	mg/Kg	☼	10/09/25 16:40	10/10/25 19:32	1
Copper	43.0		1.6	0.29	mg/Kg	☼	10/09/25 16:40	10/10/25 19:32	1
Iron	19300		48.1	6.1	mg/Kg	☼	10/09/25 16:40	10/10/25 19:32	1
Lead	84.5		0.48	0.16	mg/Kg	☼	10/09/25 16:40	10/10/25 19:32	1
Magnesium	1920		80.1	8.2	mg/Kg	☼	10/09/25 16:40	10/10/25 19:32	1
Manganese	131		3.2	0.32	mg/Kg	☼	10/09/25 16:40	10/10/25 19:32	1
Nickel	13.9		1.6	0.14	mg/Kg	☼	10/09/25 16:40	10/10/25 19:32	1
Potassium	1130		80.1	13.0	mg/Kg	☼	10/09/25 16:40	10/10/25 19:32	1
Selenium	0.31	J	1.0	0.10	mg/Kg	☼	10/09/25 16:40	10/10/25 19:32	1
Silver	0.21	J	0.32	0.071	mg/Kg	☼	10/09/25 16:40	10/10/25 19:32	1
Sodium	71.6	J	80.1	36.6	mg/Kg	☼	10/09/25 16:40	10/10/25 19:32	1
Thallium	0.066	J	0.32	0.033	mg/Kg	☼	10/09/25 16:40	10/10/25 19:32	1
Vanadium	21.8		1.6	0.17	mg/Kg	☼	10/09/25 16:40	10/10/25 19:32	1
Zinc	93.6		6.4	0.87	mg/Kg	☼	10/09/25 16:40	10/10/25 19:32	1

Method: SW846 7471B - Mercury (CVAA)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	0.034		0.016	0.0076	mg/Kg	☼	10/14/25 02:12	10/14/25 08:18	1

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Percent Moisture (EPA Moisture)	4.0		1.0	1.0	%			10/07/25 16:13	1

Client Sample ID: 48A_0-3

Date Collected: 10/06/25 08:00
Date Received: 10/06/25 15:30

Lab Sample ID: 460-336556-1

Matrix: Solid
Percent Solids: 96.0

General Chemistry (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Percent Solids (EPA Moisture)	96.0		1.0	1.0	%			10/07/25 16:13	1

Client Sample ID: 48A_3-6

Date Collected: 10/06/25 08:05
Date Received: 10/06/25 15:30

Lab Sample ID: 460-336556-2

Matrix: Solid
Percent Solids: 94.5

Method: SW846 8270E - Semivolatile Organic Compounds (GC/MS)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1'-Biphenyl	0.35	U	0.35	0.012	mg/Kg	☼	10/07/25 21:44	10/08/25 12:58	1
1,2,4,5-Tetrachlorobenzene	0.35	U	0.35	0.011	mg/Kg	☼	10/07/25 21:44	10/08/25 12:58	1
1,4-Dioxane	0.035	U	0.035	0.030	mg/Kg	☼	10/07/25 21:44	10/08/25 12:58	1
2,2'-oxybis[1-chloropropane]	0.35	U	0.35	0.021	mg/Kg	☼	10/07/25 21:44	10/08/25 12:58	1
2,3,4,6-Tetrachlorophenol	0.35	U	0.35	0.023	mg/Kg	☼	10/07/25 21:44	10/08/25 12:58	1
2,4,5-Trichlorophenol	0.35	U	0.35	0.035	mg/Kg	☼	10/07/25 21:44	10/08/25 12:58	1
2,4,6-Trichlorophenol	0.14	U	0.14	0.044	mg/Kg	☼	10/07/25 21:44	10/08/25 12:58	1
2,4-Dichlorophenol	0.14	U	0.14	0.022	mg/Kg	☼	10/07/25 21:44	10/08/25 12:58	1
2,4-Dimethylphenol	0.35	U	0.35	0.041	mg/Kg	☼	10/07/25 21:44	10/08/25 12:58	1
2,4-Dinitrophenol	0.28	U	0.28	0.17	mg/Kg	☼	10/07/25 21:44	10/08/25 12:58	1
2,4-Dinitrotoluene	0.070	U	0.070	0.037	mg/Kg	☼	10/07/25 21:44	10/08/25 12:58	1
2,6-Dinitrotoluene	0.070	U	0.070	0.025	mg/Kg	☼	10/07/25 21:44	10/08/25 12:58	1
2-Chloronaphthalene	0.35	U	0.35	0.044	mg/Kg	☼	10/07/25 21:44	10/08/25 12:58	1
2-Chlorophenol	0.35	U	0.35	0.012	mg/Kg	☼	10/07/25 21:44	10/08/25 12:58	1
2-Methylnaphthalene	0.35	U	0.35	0.0097	mg/Kg	☼	10/07/25 21:44	10/08/25 12:58	1
2-Methylphenol	0.35	U	0.35	0.013	mg/Kg	☼	10/07/25 21:44	10/08/25 12:58	1
2-Nitroaniline	0.35	U	0.35	0.026	mg/Kg	☼	10/07/25 21:44	10/08/25 12:58	1
2-Nitrophenol	0.35	U	0.35	0.035	mg/Kg	☼	10/07/25 21:44	10/08/25 12:58	1
3 & 4 Methylphenol	0.35	U	0.35	0.022	mg/Kg	☼	10/07/25 21:44	10/08/25 12:58	1
3,3'-Dichlorobenzidine	0.14	U	0.14	0.052	mg/Kg	☼	10/07/25 21:44	10/08/25 12:58	1
3-Nitroaniline	0.35	U	0.35	0.082	mg/Kg	☼	10/07/25 21:44	10/08/25 12:58	1
4,6-Dinitro-2-methylphenol	0.28	U	0.28	0.14	mg/Kg	☼	10/07/25 21:44	10/08/25 12:58	1
4-Bromophenyl phenyl ether	0.35	U	0.35	0.014	mg/Kg	☼	10/07/25 21:44	10/08/25 12:58	1
4-Chloro-3-methylphenol	0.35	U	0.35	0.019	mg/Kg	☼	10/07/25 21:44	10/08/25 12:58	1
4-Chloroaniline	0.35	U	0.35	0.061	mg/Kg	☼	10/07/25 21:44	10/08/25 12:58	1
4-Chlorophenyl phenyl ether	0.35	U	0.35	0.012	mg/Kg	☼	10/07/25 21:44	10/08/25 12:58	1
4-Methylphenol	0.35	U	0.35	0.022	mg/Kg	☼	10/07/25 21:44	10/08/25 12:58	1
4-Nitroaniline	0.35	U	0.35	0.088	mg/Kg	☼	10/07/25 21:44	10/08/25 12:58	1
4-Nitrophenol	0.70	U	0.70	0.056	mg/Kg	☼	10/07/25 21:44	10/08/25 12:58	1
Acenaphthene	0.35	U	0.35	0.0099	mg/Kg	☼	10/07/25 21:44	10/08/25 12:58	1
Acenaphthylene	0.052	J	0.35	0.0099	mg/Kg	☼	10/07/25 21:44	10/08/25 12:58	1
Acetophenone	0.35	U	0.35	0.017	mg/Kg	☼	10/07/25 21:44	10/08/25 12:58	1
Anthracene	0.059	J	0.35	0.011	mg/Kg	☼	10/07/25 21:44	10/08/25 12:58	1
Atrazine	0.14	U	0.14	0.020	mg/Kg	☼	10/07/25 21:44	10/08/25 12:58	1
Benzaldehyde	0.35	U	0.35	0.057	mg/Kg	☼	10/07/25 21:44	10/08/25 12:58	1
Benzo[a]anthracene	0.061		0.035	0.026	mg/Kg	☼	10/07/25 21:44	10/08/25 12:58	1
Benzo[a]pyrene	0.070		0.035	0.0092	mg/Kg	☼	10/07/25 21:44	10/08/25 12:58	1
Benzo[b]fluoranthene	0.086		0.035	0.0090	mg/Kg	☼	10/07/25 21:44	10/08/25 12:58	1
Benzo[g,h,i]perylene	0.087	J	0.35	0.010	mg/Kg	☼	10/07/25 21:44	10/08/25 12:58	1
Benzo[k]fluoranthene	0.031	J	0.035	0.0068	mg/Kg	☼	10/07/25 21:44	10/08/25 12:58	1
Bis(2-chloroethoxy)methane	0.35	U	0.35	0.064	mg/Kg	☼	10/07/25 21:44	10/08/25 12:58	1
Bis(2-chloroethyl)ether	0.035	U	0.035	0.012	mg/Kg	☼	10/07/25 21:44	10/08/25 12:58	1

Client Sample ID: 48A_3-6
Date Collected: 10/06/25 08:05
Date Received: 10/06/25 15:30

Lab Sample ID: 460-336556-2
Matrix: Solid
Percent Solids: 94.5

Method: SW846 8270E - Semivolatile Organic Compounds (GC/MS) (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Bis(2-ethylhexyl) phthalate	0.35	U	0.35	0.018	mg/Kg	☼	10/07/25 21:44	10/08/25 12:58	1
Butyl benzyl phthalate	0.35	U	0.35	0.016	mg/Kg	☼	10/07/25 21:44	10/08/25 12:58	1
Caprolactam	0.35	U	0.35	0.054	mg/Kg	☼	10/07/25 21:44	10/08/25 12:58	1
Carbazole	**0.018**	**J**	0.35	0.013	mg/Kg	☼	10/07/25 21:44	10/08/25 12:58	1
Chrysene	**0.065**	**J**	0.35	0.015	mg/Kg	☼	10/07/25 21:44	10/08/25 12:58	1
Dibenz(a,h)anthracene	0.035	U	0.035	0.015	mg/Kg	☼	10/07/25 21:44	10/08/25 12:58	1
Dibenzofuran	0.35	U	0.35	0.012	mg/Kg	☼	10/07/25 21:44	10/08/25 12:58	1
Diethyl phthalate	0.35	U	0.35	0.011	mg/Kg	☼	10/07/25 21:44	10/08/25 12:58	1
Dimethyl phthalate	0.35	U	0.35	0.079	mg/Kg	☼	10/07/25 21:44	10/08/25 12:58	1
Di-n-butyl phthalate	0.35	U	0.35	0.013	mg/Kg	☼	10/07/25 21:44	10/08/25 12:58	1
Di-n-octyl phthalate	0.35	U	0.35	0.018	mg/Kg	☼	10/07/25 21:44	10/08/25 12:58	1
Fluoranthene	**0.12**	**J**	0.35	0.012	mg/Kg	☼	10/07/25 21:44	10/08/25 12:58	1
Fluorene	0.35	U	0.35	0.010	mg/Kg	☼	10/07/25 21:44	10/08/25 12:58	1
Hexachlorobenzene	0.035	U	0.035	0.016	mg/Kg	☼	10/07/25 21:44	10/08/25 12:58	1
Hexachlorobutadiene	0.070	U	0.070	0.0074	mg/Kg	☼	10/07/25 21:44	10/08/25 12:58	1
Hexachlorocyclopentadiene	0.35	U	0.35	0.030	mg/Kg	☼	10/07/25 21:44	10/08/25 12:58	1
Hexachloroethane	0.035	U	0.035	0.012	mg/Kg	☼	10/07/25 21:44	10/08/25 12:58	1
Indeno[1,2,3-cd]pyrene	**0.059**		0.035	0.014	mg/Kg	☼	10/07/25 21:44	10/08/25 12:58	1
Isophorone	0.14	U	0.14	0.10	mg/Kg	☼	10/07/25 21:44	10/08/25 12:58	1
Naphthalene	**0.010**	**J**	0.35	0.0060	mg/Kg	☼	10/07/25 21:44	10/08/25 12:58	1
Nitrobenzene	0.035	U	0.035	0.019	mg/Kg	☼	10/07/25 21:44	10/08/25 12:58	1
N-Nitrosodi-n-propylamine	0.035	U	0.035	0.025	mg/Kg	☼	10/07/25 21:44	10/08/25 12:58	1
N-Nitrosodiphenylamine	0.35	U	0.35	0.028	mg/Kg	☼	10/07/25 21:44	10/08/25 12:58	1
Pentachlorophenol	0.28	U	0.28	0.071	mg/Kg	☼	10/07/25 21:44	10/08/25 12:58	1
Phenanthrene	**0.086**	**J**	0.35	0.014	mg/Kg	☼	10/07/25 21:44	10/08/25 12:58	1
Phenol	0.35	U	0.35	0.013	mg/Kg	☼	10/07/25 21:44	10/08/25 12:58	1
Pyrene	**0.097**	**J**	0.35	0.0086	mg/Kg	☼	10/07/25 21:44	10/08/25 12:58	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
2,4,6-Tribromophenol (Surr)	*63*		*18 - 137*	*10/07/25 21:44*	*10/08/25 12:58*	*1*
2-Fluorobiphenyl	*60*		*33 - 117*	*10/07/25 21:44*	*10/08/25 12:58*	*1*
2-Fluorophenol (Surr)	*60*		*24 - 120*	*10/07/25 21:44*	*10/08/25 12:58*	*1*
Nitrobenzene-d5 (Surr)	*53*		*27 - 120*	*10/07/25 21:44*	*10/08/25 12:58*	*1*
Phenol-d5 (Surr)	*57*		*28 - 118*	*10/07/25 21:44*	*10/08/25 12:58*	*1*
Terphenyl-d14 (Surr)	*61*		*33 - 124*	*10/07/25 21:44*	*10/08/25 12:58*	*1*

Method: SW846 8081B - Organochlorine Pesticides (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
4,4'-DDD	0.0071	U	0.0071	0.0012	mg/Kg	☼	10/07/25 17:46	10/08/25 09:09	1
4,4'-DDE	0.0071	U	0.0071	0.00084	mg/Kg	☼	10/07/25 17:46	10/08/25 09:09	1
4,4'-DDT	0.0071	U	0.0071	0.0013	mg/Kg	☼	10/07/25 17:46	10/08/25 09:09	1
Aldrin	0.0071	U	0.0071	0.0011	mg/Kg	☼	10/07/25 17:46	10/08/25 09:09	1
alpha-BHC	0.0021	U	0.0021	0.00072	mg/Kg	☼	10/07/25 17:46	10/08/25 09:09	1
beta-BHC	0.0021	U	0.0021	0.00079	mg/Kg	☼	10/07/25 17:46	10/08/25 09:09	1
Chlordane (technical)	0.071	U	0.071	0.017	mg/Kg	☼	10/07/25 17:46	10/08/25 09:09	1
cis-Chlordane	0.0071	U	0.0071	0.0011	mg/Kg	☼	10/07/25 17:46	10/08/25 09:09	1
delta-BHC	0.0021	U	0.0021	0.00043	mg/Kg	☼	10/07/25 17:46	10/08/25 09:09	1
Dieldrin	0.0021	U	0.0021	0.00092	mg/Kg	☼	10/07/25 17:46	10/08/25 09:09	1
Endosulfan I	0.0071	U	0.0071	0.0011	mg/Kg	☼	10/07/25 17:46	10/08/25 09:09	1
Endosulfan II	0.0071	U	0.0071	0.0018	mg/Kg	☼	10/07/25 17:46	10/08/25 09:09	1

Client Sample ID: 48A_3-6
Date Collected: 10/06/25 08:05
Date Received: 10/06/25 15:30

Lab Sample ID: 460-336556-2
Matrix: Solid
Percent Solids: 94.5

Method: SW846 8081B - Organochlorine Pesticides (GC) (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Endosulfan sulfate	0.0071	U	0.0071	0.00089	mg/Kg	☼	10/07/25 17:46	10/08/25 09:09	1
Endrin	0.0071	U	0.0071	0.0010	mg/Kg	☼	10/07/25 17:46	10/08/25 09:09	1
Endrin aldehyde	0.0071	U	0.0071	0.0017	mg/Kg	☼	10/07/25 17:46	10/08/25 09:09	1
Endrin ketone	0.0071	U	0.0071	0.0014	mg/Kg	☼	10/07/25 17:46	10/08/25 09:09	1
gamma-BHC (Lindane)	0.0021	U	0.0021	0.00066	mg/Kg	☼	10/07/25 17:46	10/08/25 09:09	1
Heptachlor	0.0071	U	0.0071	0.00084	mg/Kg	☼	10/07/25 17:46	10/08/25 09:09	1
Heptachlor epoxide	0.0071	U	0.0071	0.0011	mg/Kg	☼	10/07/25 17:46	10/08/25 09:09	1
Methoxychlor	0.0071	U	0.0071	0.0016	mg/Kg	☼	10/07/25 17:46	10/08/25 09:09	1
Toxaphene	0.071	U	0.071	0.026	mg/Kg	☼	10/07/25 17:46	10/08/25 09:09	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
DCB Decachlorobiphenyl	*127*		*10 - 150*	*10/07/25 17:46*	*10/08/25 09:09*	*1*
DCB Decachlorobiphenyl	*130*		*10 - 150*	*10/07/25 17:46*	*10/08/25 09:09*	*1*
Tetrachloro-m-xylene	*113*		*14 - 150*	*10/07/25 17:46*	*10/08/25 09:09*	*1*
Tetrachloro-m-xylene	*112*		*14 - 150*	*10/07/25 17:46*	*10/08/25 09:09*	*1*

Method: SW846 8082A - Polychlorinated Biphenyls (PCBs) by Gas Chromatography

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Aroclor 1016	0.071	U	0.071	0.019	mg/Kg	☼	10/07/25 17:40	10/08/25 10:08	1
Aroclor 1221	0.071	U	0.071	0.019	mg/Kg	☼	10/07/25 17:40	10/08/25 10:08	1
Aroclor 1232	0.071	U	0.071	0.019	mg/Kg	☼	10/07/25 17:40	10/08/25 10:08	1
Aroclor 1242	0.071	U	0.071	0.019	mg/Kg	☼	10/07/25 17:40	10/08/25 10:08	1
Aroclor 1248	0.071	U	0.071	0.019	mg/Kg	☼	10/07/25 17:40	10/08/25 10:08	1
Aroclor 1254	0.071	U	0.071	0.019	mg/Kg	☼	10/07/25 17:40	10/08/25 10:08	1
Aroclor 1260	0.071	U	0.071	0.019	mg/Kg	☼	10/07/25 17:40	10/08/25 10:08	1
Aroclor-1262	0.071	U	0.071	0.019	mg/Kg	☼	10/07/25 17:40	10/08/25 10:08	1
Aroclor 1268	0.071	U	0.071	0.019	mg/Kg	☼	10/07/25 17:40	10/08/25 10:08	1
Polychlorinated biphenyls, Total	0.071	U	0.071	0.019	mg/Kg	☼	10/07/25 17:40	10/08/25 10:08	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
DCB Decachlorobiphenyl	*115*		*10 - 150*	*10/07/25 17:40*	*10/08/25 10:08*	*1*
DCB Decachlorobiphenyl	*125*		*10 - 150*	*10/07/25 17:40*	*10/08/25 10:08*	*1*
Tetrachloro-m-xylene	*91*		*10 - 150*	*10/07/25 17:40*	*10/08/25 10:08*	*1*
Tetrachloro-m-xylene	*94*		*10 - 150*	*10/07/25 17:40*	*10/08/25 10:08*	*1*

Method: EPA 1633A - Per- and Polyfluoroalkyl Substances by LC/MS/MS, 1633A

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Perfluorobutanoic acid (PFBA)	0.39	U	0.39	0.098	ug/Kg	☼	10/08/25 14:13	10/09/25 07:13	1
Perfluoropentanoic acid (PFPeA)	**0.23**		0.20	0.098	ug/Kg	☼	10/08/25 14:13	10/09/25 07:13	1
Perfluorohexanoic acid (PFHxA)	**0.20**		0.20	0.098	ug/Kg	☼	10/08/25 14:13	10/09/25 07:13	1
Perfluoroheptanoic acid (PFHpA)	**0.22**		0.20	0.098	ug/Kg	☼	10/08/25 14:13	10/09/25 07:13	1
Perfluorooctanoic acid (PFOA)	**0.20**		0.20	0.059	ug/Kg	☼	10/08/25 14:13	10/09/25 07:13	1
Perfluorononanoic acid (PFNA)	**0.51**		0.20	0.098	ug/Kg	☼	10/08/25 14:13	10/09/25 07:13	1
Perfluorodecanoic acid (PFDA)	**0.92**		0.20	0.059	ug/Kg	☼	10/08/25 14:13	10/09/25 07:13	1
Perfluoroundecanoic acid (PFUnA)	**6.64**		0.20	0.098	ug/Kg	☼	10/08/25 14:13	10/09/25 07:13	1
Perfluorododecanoic acid (PFDoA)	**1.11**		0.20	0.098	ug/Kg	☼	10/08/25 14:13	10/09/25 07:13	1
Perfluorotridecanoic acid (PFTrDA)	**3.07**		0.20	0.098	ug/Kg	☼	10/08/25 14:13	10/09/25 07:13	1

Client Sample ID: 48A_3-6
Date Collected: 10/06/25 08:05
Date Received: 10/06/25 15:30

Lab Sample ID: 460-336556-2
Matrix: Solid
Percent Solids: 94.5

Method: EPA 1633A - Per- and Polyfluoroalkyl Substances by LC/MS/MS, 1633A (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Perfluorotetradecanoic acid (PFTeDA)	**0.19**	**J**	0.20	0.098	ug/Kg	☼	10/08/25 14:13	10/09/25 07:13	1
Perfluorobutanesulfonic acid (PFBS)	0.20	U	0.20	0.098	ug/Kg	☼	10/08/25 14:13	10/09/25 07:13	1
Perfluoropentanesulfonic acid (PFPeS)	0.20	U	0.20	0.098	ug/Kg	☼	10/08/25 14:13	10/09/25 07:13	1
Perfluorohexanesulfonic acid (PFHxS)	**0.14**	**J**	0.20	0.098	ug/Kg	☼	10/08/25 14:13	10/09/25 07:13	1
Perfluoroheptanesulfonic acid (PFHpS)	0.20	U	0.20	0.098	ug/Kg	☼	10/08/25 14:13	10/09/25 07:13	1
Perfluorooctanesulfonic acid (PFOS)	**0.51**		0.20	0.098	ug/Kg	☼	10/08/25 14:13	10/09/25 07:13	1
Perfluorononanesulfonic acid (PFNS)	0.20	U	0.20	0.098	ug/Kg	☼	10/08/25 14:13	10/09/25 07:13	1
Perfluorodecanesulfonic acid (PFDS)	0.20	U	0.20	0.098	ug/Kg	☼	10/08/25 14:13	10/09/25 07:13	1
Perfluorododecanesulfonic acid (PFDoS)	0.20	U	0.20	0.098	ug/Kg	☼	10/08/25 14:13	10/09/25 07:13	1
1H,1H,2H,2H-Perfluorohexane sulfonic acid (4:2 FTS)	0.39	U	0.39	0.20	ug/Kg	☼	10/08/25 14:13	10/09/25 07:13	1
1H,1H,2H,2H-Perfluorooctane sulfonic acid (6:2 FTS)	0.39	U	0.39	0.20	ug/Kg	☼	10/08/25 14:13	10/09/25 07:13	1
1H,1H,2H,2H-Perfluorodecane sulfonic acid (8:2 FTS)	**0.41**		0.39	0.20	ug/Kg	☼	10/08/25 14:13	10/09/25 07:13	1
Perfluorooctanesulfonamide (PFOSA)	0.20	U	0.20	0.098	ug/Kg	☼	10/08/25 14:13	10/09/25 07:13	1
N-methylperfluorooctane sulfonamide (NMeFOSA)	0.20	U	0.20	0.098	ug/Kg	☼	10/08/25 14:13	10/09/25 07:13	1
N-ethylperfluorooctane sulfonamide (NEtFOSA)	0.20	U	0.20	0.098	ug/Kg	☼	10/08/25 14:13	10/09/25 07:13	1
N-methylperfluorooctanesulfonamidoacetic acid (NMeFOSAA)	0.20	U	0.20	0.098	ug/Kg	☼	10/08/25 14:13	10/09/25 07:13	1
N-ethylperfluorooctanesulfonamidoacetic acid (NEtFOSAA)	0.20	U	0.20	0.098	ug/Kg	☼	10/08/25 14:13	10/09/25 07:13	1
N-methylperfluorooctane sulfonamidoethanol (NMeFOSE)	0.98	U	0.98	0.49	ug/Kg	☼	10/08/25 14:13	10/09/25 07:13	1
N-ethylperfluorooctane sulfonamidoethanol (NEtFOSE)	0.98	U	0.98	0.49	ug/Kg	☼	10/08/25 14:13	10/09/25 07:13	1
Hexafluoropropylene Oxide Dimer Acid (HFPO-DA)	0.20	U	0.20	0.098	ug/Kg	☼	10/08/25 14:13	10/09/25 07:13	1
4,8-Dioxa-3H-perfluorononanoic acid (ADONA)	0.20	U	0.20	0.098	ug/Kg	☼	10/08/25 14:13	10/09/25 07:13	1
Perfluoro-3-methoxypropanoic acid (PFMPA)	0.20	U	0.20	0.098	ug/Kg	☼	10/08/25 14:13	10/09/25 07:13	1
Perfluoro-4-methoxybutanoic acid (PFMBA)	0.20	U	0.20	0.098	ug/Kg	☼	10/08/25 14:13	10/09/25 07:13	1
Nonafluoro-3,6-dioxaheptanoic acid (NFDHA)	0.20	U	0.20	0.098	ug/Kg	☼	10/08/25 14:13	10/09/25 07:13	1
9-Chlorohexadecafluoro-3-oxanonane-1-sulfonic acid (9Cl-PF3ONS)	0.20	U	0.20	0.098	ug/Kg	☼	10/08/25 14:13	10/09/25 07:13	1
11-Chloroeicosafluoro-3-oxaundecane-1-sulfonic acid (11Cl-PF3OUdS)	0.20	U	0.20	0.098	ug/Kg	☼	10/08/25 14:13	10/09/25 07:13	1
Perfluoro (2-ethoxyethane) sulfonic acid (PFEESA)	0.20	U	0.20	0.098	ug/Kg	☼	10/08/25 14:13	10/09/25 07:13	1
3-Perfluoropropylpropanoic acid (3:3 FTCA)	0.39	U	0.39	0.20	ug/Kg	☼	10/08/25 14:13	10/09/25 07:13	1
3-Perfluoropentylpropanoic acid (5:3 FTCA)	0.98	U	0.98	0.49	ug/Kg	☼	10/08/25 14:13	10/09/25 07:13	1
3-Perfluoroheptylpropanoic acid (7:3 FTCA)	0.98	U	0.98	0.49	ug/Kg	☼	10/08/25 14:13	10/09/25 07:13	1

Client: Haley & Aldrich, Inc.
Project/Site: Former Port Mobil

Job ID: 460-336556-1

Client Sample ID: 48A_3-6
Date Collected: 10/06/25 08:05
Date Received: 10/06/25 15:30

Lab Sample ID: 460-336556-2
Matrix: Solid
Percent Solids: 94.5

Isotope Dilution	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
13C4 PFBA	119		8 - 130	10/08/25 14:13	10/09/25 07:13	1
13C5 PFPeA	106		35 - 130	10/08/25 14:13	10/09/25 07:13	1
13C5 PFHxA	104		40 - 130	10/08/25 14:13	10/09/25 07:13	1
13C4 PFHpA	106		40 - 130	10/08/25 14:13	10/09/25 07:13	1
13C8 PFOA	103		40 - 130	10/08/25 14:13	10/09/25 07:13	1
13C9 PFNA	95.6		40 - 130	10/08/25 14:13	10/09/25 07:13	1
13C6 PFDA	89.4		40 - 130	10/08/25 14:13	10/09/25 07:13	1
13C7 PFUnA	86.8		40 - 130	10/08/25 14:13	10/09/25 07:13	1
13C2 PFTeDA	72.2		20 - 130	10/08/25 14:13	10/09/25 07:13	1
13C3 PFBS	108		40 - 135	10/08/25 14:13	10/09/25 07:13	1
13C3 PFHxS	95.9		40 - 130	10/08/25 14:13	10/09/25 07:13	1
13C8 PFOS	82.7		40 - 130	10/08/25 14:13	10/09/25 07:13	1
13C8 FOSA	83.9		40 - 130	10/08/25 14:13	10/09/25 07:13	1
d3-NMeFOSAA	67.3		40 - 135	10/08/25 14:13	10/09/25 07:13	1
d5-NEtFOSAA	84.6		40 - 150	10/08/25 14:13	10/09/25 07:13	1
13C2 4:2 FTS	186	*	40 - 165	10/08/25 14:13	10/09/25 07:13	1
13C2 6:2 FTS	172		40 - 215	10/08/25 14:13	10/09/25 07:13	1
13C2 8:2 FTS	130		40 - 275	10/08/25 14:13	10/09/25 07:13	1
13C3 HFPO-DA	100		40 - 130	10/08/25 14:13	10/09/25 07:13	1
d7-N-MeFOSE-M	40.5		20 - 130	10/08/25 14:13	10/09/25 07:13	1
d9-N-EtFOSE-M	31.5		15 - 130	10/08/25 14:13	10/09/25 07:13	1
d5-NEtPFOSA	57.3		10 - 130	10/08/25 14:13	10/09/25 07:13	1
d3-NMePFOSA	62.8		10 - 130	10/08/25 14:13	10/09/25 07:13	1
13C2 PFDoA	82.6		40 - 130	10/08/25 14:13	10/09/25 07:13	1

Method: SW846 6020B - Metals (ICP/MS)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Aluminum	5000		16.2	4.4	mg/Kg	☼	10/09/25 16:40	10/10/25 19:34	1
Antimony	2.3		0.81	0.12	mg/Kg	☼	10/09/25 16:40	10/10/25 19:34	1
Arsenic	7.6		0.81	0.083	mg/Kg	☼	10/09/25 16:40	10/10/25 19:34	1
Barium	33.5		1.6	0.12	mg/Kg	☼	10/09/25 16:40	10/10/25 19:34	1
Beryllium	0.47		0.32	0.018	mg/Kg	☼	10/09/25 16:40	10/10/25 19:34	1
Cadmium	0.35	J	0.81	0.091	mg/Kg	☼	10/09/25 16:40	10/10/25 19:34	1
Calcium	982		80.8	7.9	mg/Kg	☼	10/09/25 16:40	10/10/25 19:34	1
Chromium	14.5		1.6	0.24	mg/Kg	☼	10/09/25 16:40	10/10/25 19:34	1
Cobalt	4.4		0.81	0.12	mg/Kg	☼	10/09/25 16:40	10/10/25 19:34	1
Copper	44.9		1.6	0.30	mg/Kg	☼	10/09/25 16:40	10/10/25 19:34	1
Iron	16900		48.5	6.2	mg/Kg	☼	10/09/25 16:40	10/10/25 19:34	1
Lead	88.6		0.48	0.16	mg/Kg	☼	10/09/25 16:40	10/10/25 19:34	1
Magnesium	1340		80.8	8.2	mg/Kg	☼	10/09/25 16:40	10/10/25 19:34	1
Manganese	111		3.2	0.33	mg/Kg	☼	10/09/25 16:40	10/10/25 19:34	1
Nickel	11.0		1.6	0.14	mg/Kg	☼	10/09/25 16:40	10/10/25 19:34	1
Potassium	1140		80.8	13.1	mg/Kg	☼	10/09/25 16:40	10/10/25 19:34	1
Selenium	0.32	J	1.0	0.10	mg/Kg	☼	10/09/25 16:40	10/10/25 19:34	1
Silver	0.29	J	0.32	0.072	mg/Kg	☼	10/09/25 16:40	10/10/25 19:34	1
Sodium	58.8	J	80.8	36.9	mg/Kg	☼	10/09/25 16:40	10/10/25 19:34	1
Thallium	0.072	J	0.32	0.033	mg/Kg	☼	10/09/25 16:40	10/10/25 19:34	1
Vanadium	23.6		1.6	0.17	mg/Kg	☼	10/09/25 16:40	10/10/25 19:34	1
Zinc	79.9		6.5	0.88	mg/Kg	☼	10/09/25 16:40	10/10/25 19:34	1

Client Sample ID: 48A_3-6

Lab Sample ID: 460-336556-2
Date Collected: 10/06/25 08:05
Matrix: Solid
Date Received: 10/06/25 15:30
Percent Solids: 94.5

Method: SW846 7471B - Mercury (CVAA)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	**0.040**		0.016	0.0076	mg/Kg	☼	10/14/25 02:12	10/14/25 08:21	1

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Percent Moisture (EPA Moisture)	**5.5**		1.0	1.0	%			10/07/25 16:13	1
Percent Solids (EPA Moisture)	**94.5**		1.0	1.0	%			10/07/25 16:13	1

Client Sample ID: 48B_0-3

Lab Sample ID: 460-336556-3
Date Collected: 10/06/25 08:10
Matrix: Solid
Date Received: 10/06/25 15:30
Percent Solids: 95.4

Method: SW846 8270E - Semivolatile Organic Compounds (GC/MS)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1'-Biphenyl	0.34	U	0.34	0.012	mg/Kg	☼	10/07/25 21:44	10/08/25 13:21	1
1,2,4,5-Tetrachlorobenzene	0.34	U	0.34	0.011	mg/Kg	☼	10/07/25 21:44	10/08/25 13:21	1
1,4-Dioxane	0.034	U	0.034	0.030	mg/Kg	☼	10/07/25 21:44	10/08/25 13:21	1
2,2'-oxybis[1-chloropropane]	0.34	U	0.34	0.021	mg/Kg	☼	10/07/25 21:44	10/08/25 13:21	1
2,3,4,6-Tetrachlorophenol	0.34	U	0.34	0.023	mg/Kg	☼	10/07/25 21:44	10/08/25 13:21	1
2,4,5-Trichlorophenol	0.34	U	0.34	0.035	mg/Kg	☼	10/07/25 21:44	10/08/25 13:21	1
2,4,6-Trichlorophenol	0.14	U	0.14	0.044	mg/Kg	☼	10/07/25 21:44	10/08/25 13:21	1
2,4-Dichlorophenol	0.14	U	0.14	0.022	mg/Kg	☼	10/07/25 21:44	10/08/25 13:21	1
2,4-Dimethylphenol	0.34	U	0.34	0.041	mg/Kg	☼	10/07/25 21:44	10/08/25 13:21	1
2,4-Dinitrophenol	0.28	U	0.28	0.17	mg/Kg	☼	10/07/25 21:44	10/08/25 13:21	1
2,4-Dinitrotoluene	0.070	U	0.070	0.037	mg/Kg	☼	10/07/25 21:44	10/08/25 13:21	1
2,6-Dinitrotoluene	0.070	U	0.070	0.025	mg/Kg	☼	10/07/25 21:44	10/08/25 13:21	1
2-Chloronaphthalene	0.34	U	0.34	0.044	mg/Kg	☼	10/07/25 21:44	10/08/25 13:21	1
2-Chlorophenol	0.34	U	0.34	0.012	mg/Kg	☼	10/07/25 21:44	10/08/25 13:21	1
2-Methylnaphthalene	**0.021**	**J**	0.34	0.0097	mg/Kg	☼	10/07/25 21:44	10/08/25 13:21	1
2-Methylphenol	0.34	U	0.34	0.013	mg/Kg	☼	10/07/25 21:44	10/08/25 13:21	1
2-Nitroaniline	0.34	U	0.34	0.026	mg/Kg	☼	10/07/25 21:44	10/08/25 13:21	1
2-Nitrophenol	0.34	U	0.34	0.035	mg/Kg	☼	10/07/25 21:44	10/08/25 13:21	1
3 & 4 Methylphenol	0.34	U	0.34	0.022	mg/Kg	☼	10/07/25 21:44	10/08/25 13:21	1
3,3'-Dichlorobenzidine	0.14	U	0.14	0.052	mg/Kg	☼	10/07/25 21:44	10/08/25 13:21	1
3-Nitroaniline	0.34	U	0.34	0.082	mg/Kg	☼	10/07/25 21:44	10/08/25 13:21	1
4,6-Dinitro-2-methylphenol	0.28	U	0.28	0.14	mg/Kg	☼	10/07/25 21:44	10/08/25 13:21	1
4-Bromophenyl phenyl ether	0.34	U	0.34	0.014	mg/Kg	☼	10/07/25 21:44	10/08/25 13:21	1
4-Chloro-3-methylphenol	0.34	U	0.34	0.019	mg/Kg	☼	10/07/25 21:44	10/08/25 13:21	1
4-Chloroaniline	0.34	U	0.34	0.061	mg/Kg	☼	10/07/25 21:44	10/08/25 13:21	1
4-Chlorophenyl phenyl ether	0.34	U	0.34	0.012	mg/Kg	☼	10/07/25 21:44	10/08/25 13:21	1
4-Methylphenol	0.34	U	0.34	0.022	mg/Kg	☼	10/07/25 21:44	10/08/25 13:21	1
4-Nitroaniline	0.34	U	0.34	0.088	mg/Kg	☼	10/07/25 21:44	10/08/25 13:21	1
4-Nitrophenol	0.70	U	0.70	0.056	mg/Kg	☼	10/07/25 21:44	10/08/25 13:21	1
Acenaphthene	**0.040**	**J**	0.34	0.0099	mg/Kg	☼	10/07/25 21:44	10/08/25 13:21	1
Acenaphthylene	**0.15**	**J**	0.34	0.0099	mg/Kg	☼	10/07/25 21:44	10/08/25 13:21	1
Acetophenone	0.34	U	0.34	0.017	mg/Kg	☼	10/07/25 21:44	10/08/25 13:21	1
Anthracene	**1.6**		0.34	0.011	mg/Kg	☼	10/07/25 21:44	10/08/25 13:21	1
Atrazine	0.14	U	0.14	0.020	mg/Kg	☼	10/07/25 21:44	10/08/25 13:21	1
Benzaldehyde	0.34	U	0.34	0.057	mg/Kg	☼	10/07/25 21:44	10/08/25 13:21	1
Benzo[a]anthracene	**0.29**		0.034	0.026	mg/Kg	☼	10/07/25 21:44	10/08/25 13:21	1
Benzo[a]pyrene	**0.36**		0.034	0.0092	mg/Kg	☼	10/07/25 21:44	10/08/25 13:21	1

Client Sample ID: 48B_0-3

Date Collected: 10/06/25 08:10
Date Received: 10/06/25 15:30

Lab Sample ID: 460-336556-3

Matrix: Solid
Percent Solids: 95.4

Method: SW846 8270E - Semivolatile Organic Compounds (GC/MS) (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzo[b]fluoranthene	**0.41**		0.034	0.0089	mg/Kg	☼	10/07/25 21:44	10/08/25 13:21	1
Benzo[g,h,i]perylene	**0.33**	**J**	0.34	0.010	mg/Kg	☼	10/07/25 21:44	10/08/25 13:21	1
Benzo[k]fluoranthene	**0.14**		0.034	0.0068	mg/Kg	☼	10/07/25 21:44	10/08/25 13:21	1
Bis(2-chloroethoxy)methane	0.34	U	0.34	0.064	mg/Kg	☼	10/07/25 21:44	10/08/25 13:21	1
Bis(2-chloroethyl)ether	0.034	U	0.034	0.012	mg/Kg	☼	10/07/25 21:44	10/08/25 13:21	1
Bis(2-ethylhexyl) phthalate	0.34	U	0.34	0.018	mg/Kg	☼	10/07/25 21:44	10/08/25 13:21	1
Butyl benzyl phthalate	0.34	U	0.34	0.016	mg/Kg	☼	10/07/25 21:44	10/08/25 13:21	1
Caprolactam	0.34	U	0.34	0.054	mg/Kg	☼	10/07/25 21:44	10/08/25 13:21	1
Carbazole	**0.53**		0.34	0.013	mg/Kg	☼	10/07/25 21:44	10/08/25 13:21	1
Chrysene	**0.34**		0.34	0.015	mg/Kg	☼	10/07/25 21:44	10/08/25 13:21	1
Dibenz(a,h)anthracene	**0.063**		0.034	0.015	mg/Kg	☼	10/07/25 21:44	10/08/25 13:21	1
Dibenzofuran	**0.051**	**J**	0.34	0.012	mg/Kg	☼	10/07/25 21:44	10/08/25 13:21	1
Diethyl phthalate	0.34	U	0.34	0.011	mg/Kg	☼	10/07/25 21:44	10/08/25 13:21	1
Dimethyl phthalate	0.34	U	0.34	0.079	mg/Kg	☼	10/07/25 21:44	10/08/25 13:21	1
Di-n-butyl phthalate	0.34	U	0.34	0.013	mg/Kg	☼	10/07/25 21:44	10/08/25 13:21	1
Di-n-octyl phthalate	0.34	U	0.34	0.018	mg/Kg	☼	10/07/25 21:44	10/08/25 13:21	1
Fluoranthene	**0.65**		0.34	0.012	mg/Kg	☼	10/07/25 21:44	10/08/25 13:21	1
Fluorene	**0.13**	**J**	0.34	0.010	mg/Kg	☼	10/07/25 21:44	10/08/25 13:21	1
Hexachlorobenzene	0.034	U	0.034	0.016	mg/Kg	☼	10/07/25 21:44	10/08/25 13:21	1
Hexachlorobutadiene	0.070	U	0.070	0.0074	mg/Kg	☼	10/07/25 21:44	10/08/25 13:21	1
Hexachlorocyclopentadiene	0.34	U	0.34	0.030	mg/Kg	☼	10/07/25 21:44	10/08/25 13:21	1
Hexachloroethane	0.034	U	0.034	0.012	mg/Kg	☼	10/07/25 21:44	10/08/25 13:21	1
Indeno[1,2,3-cd]pyrene	**0.29**		0.034	0.014	mg/Kg	☼	10/07/25 21:44	10/08/25 13:21	1
Isophorone	0.14	U	0.14	0.10	mg/Kg	☼	10/07/25 21:44	10/08/25 13:21	1
Naphthalene	**0.066**	**J**	0.34	0.0060	mg/Kg	☼	10/07/25 21:44	10/08/25 13:21	1
Nitrobenzene	0.034	U	0.034	0.019	mg/Kg	☼	10/07/25 21:44	10/08/25 13:21	1
N-Nitrosodi-n-propylamine	0.034	U	0.034	0.025	mg/Kg	☼	10/07/25 21:44	10/08/25 13:21	1
N-Nitrosodiphenylamine	0.34	U	0.34	0.028	mg/Kg	☼	10/07/25 21:44	10/08/25 13:21	1
Pentachlorophenol	0.28	U	0.28	0.071	mg/Kg	☼	10/07/25 21:44	10/08/25 13:21	1
Phenanthrene	**0.65**		0.34	0.014	mg/Kg	☼	10/07/25 21:44	10/08/25 13:21	1
Phenol	0.34	U	0.34	0.013	mg/Kg	☼	10/07/25 21:44	10/08/25 13:21	1
Pyrene	**0.52**		0.34	0.0086	mg/Kg	☼	10/07/25 21:44	10/08/25 13:21	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
2,4,6-Tribromophenol (Surr)	*59*		*18 - 137*	*10/07/25 21:44*	*10/08/25 13:21*	*1*
2-Fluorobiphenyl	*59*		*33 - 117*	*10/07/25 21:44*	*10/08/25 13:21*	*1*
2-Fluorophenol (Surr)	*59*		*24 - 120*	*10/07/25 21:44*	*10/08/25 13:21*	*1*
Nitrobenzene-d5 (Surr)	*52*		*27 - 120*	*10/07/25 21:44*	*10/08/25 13:21*	*1*
Phenol-d5 (Surr)	*55*		*28 - 118*	*10/07/25 21:44*	*10/08/25 13:21*	*1*
Terphenyl-d14 (Surr)	*61*		*33 - 124*	*10/07/25 21:44*	*10/08/25 13:21*	*1*

Method: SW846 8081B - Organochlorine Pesticides (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
4,4'-DDD	0.0070	U	0.0070	0.0012	mg/Kg	☼	10/07/25 17:46	10/08/25 09:25	1
4,4'-DDE	0.0070	U	0.0070	0.00083	mg/Kg	☼	10/07/25 17:46	10/08/25 09:25	1
4,4'-DDT	0.0070	U	0.0070	0.0013	mg/Kg	☼	10/07/25 17:46	10/08/25 09:25	1
Aldrin	0.0070	U	0.0070	0.0011	mg/Kg	☼	10/07/25 17:46	10/08/25 09:25	1
alpha-BHC	0.0021	U	0.0021	0.00071	mg/Kg	☼	10/07/25 17:46	10/08/25 09:25	1
beta-BHC	0.0021	U	0.0021	0.00079	mg/Kg	☼	10/07/25 17:46	10/08/25 09:25	1
Chlordane (technical)	0.070	U	0.070	0.017	mg/Kg	☼	10/07/25 17:46	10/08/25 09:25	1

Client Sample ID: 48B_0-3
Date Collected: 10/06/25 08:10
Date Received: 10/06/25 15:30

Lab Sample ID: 460-336556-3
Matrix: Solid
Percent Solids: 95.4

Method: SW846 8081B - Organochlorine Pesticides (GC) (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
cis-Chlordane	0.0070	U	0.0070	0.0011	mg/Kg	☼	10/07/25 17:46	10/08/25 09:25	1
delta-BHC	0.0021	U	0.0021	0.00043	mg/Kg	☼	10/07/25 17:46	10/08/25 09:25	1
Dieldrin	0.0021	U	0.0021	0.00091	mg/Kg	☼	10/07/25 17:46	10/08/25 09:25	1
Endosulfan I	0.0070	U	0.0070	0.0011	mg/Kg	☼	10/07/25 17:46	10/08/25 09:25	1
Endosulfan II	0.0070	U	0.0070	0.0018	mg/Kg	☼	10/07/25 17:46	10/08/25 09:25	1
Endosulfan sulfate	0.0070	U	0.0070	0.00088	mg/Kg	☼	10/07/25 17:46	10/08/25 09:25	1
Endrin	0.0070	U	0.0070	0.0010	mg/Kg	☼	10/07/25 17:46	10/08/25 09:25	1
Endrin aldehyde	0.0070	U	0.0070	0.0017	mg/Kg	☼	10/07/25 17:46	10/08/25 09:25	1
Endrin ketone	0.0070	U	0.0070	0.0014	mg/Kg	☼	10/07/25 17:46	10/08/25 09:25	1
gamma-BHC (Lindane)	0.0021	U	0.0021	0.00065	mg/Kg	☼	10/07/25 17:46	10/08/25 09:25	1
Heptachlor	0.0070	U	0.0070	0.00083	mg/Kg	☼	10/07/25 17:46	10/08/25 09:25	1
Heptachlor epoxide	0.0070	U	0.0070	0.0010	mg/Kg	☼	10/07/25 17:46	10/08/25 09:25	1
Methoxychlor	0.0070	U	0.0070	0.0016	mg/Kg	☼	10/07/25 17:46	10/08/25 09:25	1
Toxaphene	0.070	U	0.070	0.025	mg/Kg	☼	10/07/25 17:46	10/08/25 09:25	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
DCB Decachlorobiphenyl	*127*		*10 - 150*	*10/07/25 17:46*	*10/08/25 09:25*	*1*
DCB Decachlorobiphenyl	*120*		*10 - 150*	*10/07/25 17:46*	*10/08/25 09:25*	*1*
Tetrachloro-m-xylene	*101*		*14 - 150*	*10/07/25 17:46*	*10/08/25 09:25*	*1*
Tetrachloro-m-xylene	*101*		*14 - 150*	*10/07/25 17:46*	*10/08/25 09:25*	*1*

Method: SW846 8082A - Polychlorinated Biphenyls (PCBs) by Gas Chromatography

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Aroclor 1016	0.070	U	0.070	0.019	mg/Kg	☼	10/07/25 17:40	10/08/25 10:26	1
Aroclor 1221	0.070	U	0.070	0.019	mg/Kg	☼	10/07/25 17:40	10/08/25 10:26	1
Aroclor 1232	0.070	U	0.070	0.019	mg/Kg	☼	10/07/25 17:40	10/08/25 10:26	1
Aroclor 1242	0.070	U	0.070	0.019	mg/Kg	☼	10/07/25 17:40	10/08/25 10:26	1
Aroclor 1248	0.070	U	0.070	0.019	mg/Kg	☼	10/07/25 17:40	10/08/25 10:26	1
Aroclor 1254	0.070	U	0.070	0.019	mg/Kg	☼	10/07/25 17:40	10/08/25 10:26	1
Aroclor 1260	0.070	U	0.070	0.019	mg/Kg	☼	10/07/25 17:40	10/08/25 10:26	1
Aroclor-1262	0.070	U	0.070	0.019	mg/Kg	☼	10/07/25 17:40	10/08/25 10:26	1
Aroclor 1268	0.070	U	0.070	0.019	mg/Kg	☼	10/07/25 17:40	10/08/25 10:26	1
Polychlorinated biphenyls, Total	0.070	U	0.070	0.019	mg/Kg	☼	10/07/25 17:40	10/08/25 10:26	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
DCB Decachlorobiphenyl	*100*		*10 - 150*	*10/07/25 17:40*	*10/08/25 10:26*	*1*
DCB Decachlorobiphenyl	*110*		*10 - 150*	*10/07/25 17:40*	*10/08/25 10:26*	*1*
Tetrachloro-m-xylene	*79*		*10 - 150*	*10/07/25 17:40*	*10/08/25 10:26*	*1*
Tetrachloro-m-xylene	*82*		*10 - 150*	*10/07/25 17:40*	*10/08/25 10:26*	*1*

Method: EPA 1633A - Per- and Polyfluoroalkyl Substances by LC/MS/MS, 1633A

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Perfluorobutanoic acid (PFBA)	0.39	U	0.39	0.098	ug/Kg	☼	10/08/25 14:13	10/09/25 07:26	1
Perfluoropentanoic acid (PFPeA)	**0.17**	**J**	0.20	0.098	ug/Kg	☼	10/08/25 14:13	10/09/25 07:26	1
Perfluorohexanoic acid (PFHxA)	**0.13**	**J**	0.20	0.098	ug/Kg	☼	10/08/25 14:13	10/09/25 07:26	1
Perfluoroheptanoic acid (PFHpA)	**0.20**		0.20	0.098	ug/Kg	☼	10/08/25 14:13	10/09/25 07:26	1
Perfluorooctanoic acid (PFOA)	**0.27**		0.20	0.059	ug/Kg	☼	10/08/25 14:13	10/09/25 07:26	1
Perfluorononanoic acid (PFNA)	**1.12**		0.20	0.098	ug/Kg	☼	10/08/25 14:13	10/09/25 07:26	1
Perfluorodecanoic acid (PFDA)	**3.05**		0.20	0.059	ug/Kg	☼	10/08/25 14:13	10/09/25 07:26	1
Perfluoroundecanoic acid (PFUnA)	**7.03**		0.20	0.098	ug/Kg	☼	10/08/25 14:13	10/09/25 07:26	1

Client Sample ID: 48B_0-3
Date Collected: 10/06/25 08:10
Date Received: 10/06/25 15:30

Lab Sample ID: 460-336556-3
Matrix: Solid
Percent Solids: 95.4

Method: EPA 1633A - Per- and Polyfluoroalkyl Substances by LC/MS/MS, 1633A (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Perfluorododecanoic acid (PFDoA)	**2.08**		0.20	0.098	ug/Kg	☼	10/08/25 14:13	10/09/25 07:26	1
Perfluorotridecanoic acid (PFTrDA)	**5.78**		0.20	0.098	ug/Kg	☼	10/08/25 14:13	10/09/25 07:26	1
Perfluorotetradecanoic acid (PFTeDA)	**0.46**		0.20	0.098	ug/Kg	☼	10/08/25 14:13	10/09/25 07:26	1
Perfluorobutanesulfonic acid (PFBS)	0.20	U	0.20	0.098	ug/Kg	☼	10/08/25 14:13	10/09/25 07:26	1
Perfluoropentanesulfonic acid (PFPeS)	0.20	U	0.20	0.098	ug/Kg	☼	10/08/25 14:13	10/09/25 07:26	1
Perfluorohexanesulfonic acid (PFHxS)	0.20	U	0.20	0.098	ug/Kg	☼	10/08/25 14:13	10/09/25 07:26	1
Perfluoroheptanesulfonic acid (PFHpS)	0.20	U	0.20	0.098	ug/Kg	☼	10/08/25 14:13	10/09/25 07:26	1
Perfluorooctanesulfonic acid (PFOS)	**0.47**		0.20	0.098	ug/Kg	☼	10/08/25 14:13	10/09/25 07:26	1
Perfluorononanesulfonic acid (PFNS)	0.20	U	0.20	0.098	ug/Kg	☼	10/08/25 14:13	10/09/25 07:26	1
Perfluorodecanesulfonic acid (PFDS)	0.20	U	0.20	0.098	ug/Kg	☼	10/08/25 14:13	10/09/25 07:26	1
Perfluorododecanesulfonic acid (PFDoS)	0.20	U	0.20	0.098	ug/Kg	☼	10/08/25 14:13	10/09/25 07:26	1
1H,1H,2H,2H-Perfluorohexane sulfonic acid (4:2 FTS)	0.39	U	0.39	0.20	ug/Kg	☼	10/08/25 14:13	10/09/25 07:26	1
1H,1H,2H,2H-Perfluorooctane sulfonic acid (6:2 FTS)	**0.27**	**J**	0.39	0.20	ug/Kg	☼	10/08/25 14:13	10/09/25 07:26	1
1H,1H,2H,2H-Perfluorodecane sulfonic acid (8:2 FTS)	**1.09**		0.39	0.20	ug/Kg	☼	10/08/25 14:13	10/09/25 07:26	1
Perfluorooctanesulfonamide (PFOSA)	0.20	U	0.20	0.098	ug/Kg	☼	10/08/25 14:13	10/09/25 07:26	1
N-methylperfluorooctane sulfonamide (NMeFOSA)	0.20	U	0.20	0.098	ug/Kg	☼	10/08/25 14:13	10/09/25 07:26	1
N-ethylperfluorooctane sulfonamide (NEtFOSA)	0.20	U	0.20	0.098	ug/Kg	☼	10/08/25 14:13	10/09/25 07:26	1
N-methylperfluorooctanesulfonamidoacetic acid (NMeFOSAA)	0.20	U	0.20	0.098	ug/Kg	☼	10/08/25 14:13	10/09/25 07:26	1
N-ethylperfluorooctanesulfonamidoacetic acid (NEtFOSAA)	0.20	U	0.20	0.098	ug/Kg	☼	10/08/25 14:13	10/09/25 07:26	1
N-methylperfluorooctane sulfonamidoethanol (NMeFOSE)	0.98	U	0.98	0.49	ug/Kg	☼	10/08/25 14:13	10/09/25 07:26	1
N-ethylperfluorooctane sulfonamidoethanol (NEtFOSE)	0.98	U	0.98	0.49	ug/Kg	☼	10/08/25 14:13	10/09/25 07:26	1
Hexafluoropropylene Oxide Dimer Acid (HFPO-DA)	0.20	U	0.20	0.098	ug/Kg	☼	10/08/25 14:13	10/09/25 07:26	1
4,8-Dioxa-3H-perfluorononanoic acid (ADONA)	0.20	U	0.20	0.098	ug/Kg	☼	10/08/25 14:13	10/09/25 07:26	1
Perfluoro-3-methoxypropanoic acid (PFMPA)	0.20	U	0.20	0.098	ug/Kg	☼	10/08/25 14:13	10/09/25 07:26	1
Perfluoro-4-methoxybutanoic acid (PFMBA)	0.20	U	0.20	0.098	ug/Kg	☼	10/08/25 14:13	10/09/25 07:26	1
Nonafluoro-3,6-dioxaheptanoic acid (NFDHA)	0.20	U	0.20	0.098	ug/Kg	☼	10/08/25 14:13	10/09/25 07:26	1
9-Chlorohexadecafluoro-3-oxanonane-1-sulfonic acid (9Cl-PF3ONS)	0.20	U	0.20	0.098	ug/Kg	☼	10/08/25 14:13	10/09/25 07:26	1
11-Chloroeicosafluoro-3-oxaundecane-1-sulfonic acid (11Cl-PF3OUdS)	0.20	U	0.20	0.098	ug/Kg	☼	10/08/25 14:13	10/09/25 07:26	1
Perfluoro (2-ethoxyethane) sulfonic acid (PFEESA)	0.20	U	0.20	0.098	ug/Kg	☼	10/08/25 14:13	10/09/25 07:26	1
3-Perfluoropropylpropanoic acid (3:3 FTCA)	0.39	U	0.39	0.20	ug/Kg	☼	10/08/25 14:13	10/09/25 07:26	1

Client Sample ID: 48B_0-3
Date Collected: 10/06/25 08:10
Date Received: 10/06/25 15:30

Lab Sample ID: 460-336556-3
Matrix: Solid
Percent Solids: 95.4

Method: EPA 1633A - Per- and Polyfluoroalkyl Substances by LC/MS/MS, 1633A (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
3-Perfluoropentylpropanoic acid (5:3 FTCA)	0.98	U	0.98	0.49	ug/Kg	☼	10/08/25 14:13	10/09/25 07:26	1
3-Perfluoroheptylpropanoic acid (7:3 FTCA)	0.98	U	0.98	0.49	ug/Kg	☼	10/08/25 14:13	10/09/25 07:26	1

Isotope Dilution	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
13C4 PFBA	*105*		*8 - 130*	*10/08/25 14:13*	*10/09/25 07:26*	*1*
13C5 PFPeA	*95.9*		*35 - 130*	*10/08/25 14:13*	*10/09/25 07:26*	*1*
13C5 PFHxA	*95.0*		*40 - 130*	*10/08/25 14:13*	*10/09/25 07:26*	*1*
13C4 PFHpA	*100*		*40 - 130*	*10/08/25 14:13*	*10/09/25 07:26*	*1*
13C8 PFOA	*94.9*		*40 - 130*	*10/08/25 14:13*	*10/09/25 07:26*	*1*
13C9 PFNA	*90.1*		*40 - 130*	*10/08/25 14:13*	*10/09/25 07:26*	*1*
13C6 PFDA	*88.8*		*40 - 130*	*10/08/25 14:13*	*10/09/25 07:26*	*1*
13C7 PFUnA	*86.6*		*40 - 130*	*10/08/25 14:13*	*10/09/25 07:26*	*1*
13C2 PFTeDA	*64.9*		*20 - 130*	*10/08/25 14:13*	*10/09/25 07:26*	*1*
13C3 PFBS	*101*		*40 - 135*	*10/08/25 14:13*	*10/09/25 07:26*	*1*
13C3 PFHxS	*92.2*		*40 - 130*	*10/08/25 14:13*	*10/09/25 07:26*	*1*
13C8 PFOS	*81.6*		*40 - 130*	*10/08/25 14:13*	*10/09/25 07:26*	*1*
13C8 FOSA	*75.9*		*40 - 130*	*10/08/25 14:13*	*10/09/25 07:26*	*1*
d3-NMeFOSAA	*59.2*		*40 - 135*	*10/08/25 14:13*	*10/09/25 07:26*	*1*
d5-NEtFOSAA	*78.2*		*40 - 150*	*10/08/25 14:13*	*10/09/25 07:26*	*1*
13C2 4:2 FTS	*130*		*40 - 165*	*10/08/25 14:13*	*10/09/25 07:26*	*1*
13C2 6:2 FTS	*103*		*40 - 215*	*10/08/25 14:13*	*10/09/25 07:26*	*1*
13C2 8:2 FTS	*85.7*		*40 - 275*	*10/08/25 14:13*	*10/09/25 07:26*	*1*
13C3 HFPO-DA	*97.8*		*40 - 130*	*10/08/25 14:13*	*10/09/25 07:26*	*1*
d7-N-MeFOSE-M	*42.9*		*20 - 130*	*10/08/25 14:13*	*10/09/25 07:26*	*1*
d9-N-EtFOSE-M	*29.5*		*15 - 130*	*10/08/25 14:13*	*10/09/25 07:26*	*1*
d5-NEtPFOSA	*55.8*		*10 - 130*	*10/08/25 14:13*	*10/09/25 07:26*	*1*
d3-NMePFOSA	*61.9*		*10 - 130*	*10/08/25 14:13*	*10/09/25 07:26*	*1*
13C2 PFDoA	*83.7*		*40 - 130*	*10/08/25 14:13*	*10/09/25 07:26*	*1*

Method: SW846 6020B - Metals (ICP/MS)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Aluminum	**6370**		16.1	4.4	mg/Kg	☼	10/09/25 16:40	10/10/25 19:37	1
Antimony	**1.8**		0.81	0.12	mg/Kg	☼	10/09/25 16:40	10/10/25 19:37	1
Arsenic	**7.3**		0.81	0.083	mg/Kg	☼	10/09/25 16:40	10/10/25 19:37	1
Barium	**52.9**		1.6	0.12	mg/Kg	☼	10/09/25 16:40	10/10/25 19:37	1
Beryllium	**0.59**		0.32	0.018	mg/Kg	☼	10/09/25 16:40	10/10/25 19:37	1
Cadmium	**0.43**	J	0.81	0.091	mg/Kg	☼	10/09/25 16:40	10/10/25 19:37	1
Calcium	**16100**		80.6	7.8	mg/Kg	☼	10/09/25 16:40	10/10/25 19:37	1
Chromium	**16.0**		1.6	0.24	mg/Kg	☼	10/09/25 16:40	10/10/25 19:37	1
Cobalt	**5.2**		0.81	0.12	mg/Kg	☼	10/09/25 16:40	10/10/25 19:37	1
Copper	**35.6**		1.6	0.30	mg/Kg	☼	10/09/25 16:40	10/10/25 19:37	1
Iron	**20400**		48.4	6.2	mg/Kg	☼	10/09/25 16:40	10/10/25 19:37	1
Lead	**105**		0.48	0.16	mg/Kg	☼	10/09/25 16:40	10/10/25 19:37	1
Magnesium	**9540**		80.6	8.2	mg/Kg	☼	10/09/25 16:40	10/10/25 19:37	1
Manganese	**136**		3.2	0.32	mg/Kg	☼	10/09/25 16:40	10/10/25 19:37	1
Nickel	**13.8**		1.6	0.14	mg/Kg	☼	10/09/25 16:40	10/10/25 19:37	1
Potassium	**1230**		80.6	13.1	mg/Kg	☼	10/09/25 16:40	10/10/25 19:37	1
Selenium	**0.30**	J	1.0	0.10	mg/Kg	☼	10/09/25 16:40	10/10/25 19:37	1
Silver	**0.22**	J	0.32	0.072	mg/Kg	☼	10/09/25 16:40	10/10/25 19:37	1

Client Sample ID: 48B_0-3

Date Collected: 10/06/25 08:10
Date Received: 10/06/25 15:30

Lab Sample ID: 460-336556-3

Matrix: Solid
Percent Solids: 95.4

Method: SW846 6020B - Metals (ICP/MS) (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Sodium	94.1		80.6	36.8	mg/Kg	☼	10/09/25 16:40	10/10/25 19:37	1
Thallium	0.092	J	0.32	0.033	mg/Kg	☼	10/09/25 16:40	10/10/25 19:37	1
Vanadium	26.3		1.6	0.17	mg/Kg	☼	10/09/25 16:40	10/10/25 19:37	1
Zinc	83.9		6.5	0.88	mg/Kg	☼	10/09/25 16:40	10/10/25 19:37	1

Method: SW846 7471B - Mercury (CVAA)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	0.046		0.017	0.0080	mg/Kg	☼	10/14/25 02:12	10/14/25 08:24	1

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Percent Moisture (EPA Moisture)	4.6		1.0	1.0	%			10/07/25 16:13	1
Percent Solids (EPA Moisture)	95.4		1.0	1.0	%			10/07/25 16:13	1

Client Sample ID: 48B_3-6

Date Collected: 10/06/25 08:15
Date Received: 10/06/25 15:30

Lab Sample ID: 460-336556-4

Matrix: Solid
Percent Solids: 91.0

Method: SW846 8270E - Semivolatile Organic Compounds (GC/MS)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1'-Biphenyl	0.36	U	0.36	0.013	mg/Kg	☼	10/07/25 21:44	10/08/25 11:26	1
1,2,4,5-Tetrachlorobenzene	0.36	U	0.36	0.011	mg/Kg	☼	10/07/25 21:44	10/08/25 11:26	1
1,4-Dioxane	0.036	U	0.036	0.032	mg/Kg	☼	10/07/25 21:44	10/08/25 11:26	1
2,2'-oxybis[1-chloropropane]	0.36	U	0.36	0.022	mg/Kg	☼	10/07/25 21:44	10/08/25 11:26	1
2,3,4,6-Tetrachlorophenol	0.36	U	0.36	0.025	mg/Kg	☼	10/07/25 21:44	10/08/25 11:26	1
2,4,5-Trichlorophenol	0.36	U	0.36	0.037	mg/Kg	☼	10/07/25 21:44	10/08/25 11:26	1
2,4,6-Trichlorophenol	0.15	U	0.15	0.046	mg/Kg	☼	10/07/25 21:44	10/08/25 11:26	1
2,4-Dichlorophenol	0.15	U	0.15	0.023	mg/Kg	☼	10/07/25 21:44	10/08/25 11:26	1
2,4-Dimethylphenol	0.36	U	0.36	0.043	mg/Kg	☼	10/07/25 21:44	10/08/25 11:26	1
2,4-Dinitrophenol	0.29	U	0.29	0.18	mg/Kg	☼	10/07/25 21:44	10/08/25 11:26	1
2,4-Dinitrotoluene	0.073	U	0.073	0.039	mg/Kg	☼	10/07/25 21:44	10/08/25 11:26	1
2,6-Dinitrotoluene	0.073	U	0.073	0.026	mg/Kg	☼	10/07/25 21:44	10/08/25 11:26	1
2-Chloronaphthalene	0.36	U	0.36	0.046	mg/Kg	☼	10/07/25 21:44	10/08/25 11:26	1
2-Chlorophenol	0.36	U	0.36	0.013	mg/Kg	☼	10/07/25 21:44	10/08/25 11:26	1
2-Methylnaphthalene	0.36	U	0.36	0.010	mg/Kg	☼	10/07/25 21:44	10/08/25 11:26	1
2-Methylphenol	0.36	U	0.36	0.014	mg/Kg	☼	10/07/25 21:44	10/08/25 11:26	1
2-Nitroaniline	0.36	U	0.36	0.028	mg/Kg	☼	10/07/25 21:44	10/08/25 11:26	1
2-Nitrophenol	0.36	U	0.36	0.036	mg/Kg	☼	10/07/25 21:44	10/08/25 11:26	1
3 & 4 Methylphenol	0.36	U	0.36	0.023	mg/Kg	☼	10/07/25 21:44	10/08/25 11:26	1
3,3'-Dichlorobenzidine	0.15	U	0.15	0.055	mg/Kg	☼	10/07/25 21:44	10/08/25 11:26	1
3-Nitroaniline	0.36	U	0.36	0.086	mg/Kg	☼	10/07/25 21:44	10/08/25 11:26	1
4,6-Dinitro-2-methylphenol	0.29	U	0.29	0.15	mg/Kg	☼	10/07/25 21:44	10/08/25 11:26	1
4-Bromophenyl phenyl ether	0.36	U	0.36	0.014	mg/Kg	☼	10/07/25 21:44	10/08/25 11:26	1
4-Chloro-3-methylphenol	0.36	U	0.36	0.020	mg/Kg	☼	10/07/25 21:44	10/08/25 11:26	1
4-Chloroaniline	0.36	U	0.36	0.064	mg/Kg	☼	10/07/25 21:44	10/08/25 11:26	1
4-Chlorophenyl phenyl ether	0.36	U	0.36	0.013	mg/Kg	☼	10/07/25 21:44	10/08/25 11:26	1
4-Methylphenol	0.36	U	0.36	0.023	mg/Kg	☼	10/07/25 21:44	10/08/25 11:26	1
4-Nitroaniline	0.36	U	0.36	0.092	mg/Kg	☼	10/07/25 21:44	10/08/25 11:26	1
4-Nitrophenol	0.73	U	0.73	0.059	mg/Kg	☼	10/07/25 21:44	10/08/25 11:26	1
Acenaphthene	0.36	U	0.36	0.010	mg/Kg	☼	10/07/25 21:44	10/08/25 11:26	1

Client Sample ID: 48B_3-6
Date Collected: 10/06/25 08:15
Date Received: 10/06/25 15:30

Lab Sample ID: 460-336556-4
Matrix: Solid
Percent Solids: 91.0

Method: SW846 8270E - Semivolatile Organic Compounds (GC/MS) (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Acenaphthylene	**0.016**	**J**	0.36	0.010	mg/Kg	☼	10/07/25 21:44	10/08/25 11:26	1
Acetophenone	0.36	U	0.36	0.018	mg/Kg	☼	10/07/25 21:44	10/08/25 11:26	1
Anthracene	**0.031**	**J**	0.36	0.011	mg/Kg	☼	10/07/25 21:44	10/08/25 11:26	1
Atrazine	0.15	U	0.15	0.021	mg/Kg	☼	10/07/25 21:44	10/08/25 11:26	1
Benzaldehyde	0.36	U	0.36	0.060	mg/Kg	☼	10/07/25 21:44	10/08/25 11:26	1
Benzo[a]anthracene	**0.030**	**J**	0.036	0.027	mg/Kg	☼	10/07/25 21:44	10/08/25 11:26	1
Benzo[a]pyrene	**0.031**	**J**	0.036	0.0096	mg/Kg	☼	10/07/25 21:44	10/08/25 11:26	1
Benzo[b]fluoranthene	**0.034**	**J**	0.036	0.0094	mg/Kg	☼	10/07/25 21:44	10/08/25 11:26	1
Benzo[g,h,i]perylene	**0.031**	**J**	0.36	0.011	mg/Kg	☼	10/07/25 21:44	10/08/25 11:26	1
Benzo[k]fluoranthene	**0.013**	**J**	0.036	0.0071	mg/Kg	☼	10/07/25 21:44	10/08/25 11:26	1
Bis(2-chloroethoxy)methane	0.36	U	0.36	0.067	mg/Kg	☼	10/07/25 21:44	10/08/25 11:26	1
Bis(2-chloroethyl)ether	0.036	U	0.036	0.013	mg/Kg	☼	10/07/25 21:44	10/08/25 11:26	1
Bis(2-ethylhexyl) phthalate	0.36	U	0.36	0.019	mg/Kg	☼	10/07/25 21:44	10/08/25 11:26	1
Butyl benzyl phthalate	0.36	U	0.36	0.017	mg/Kg	☼	10/07/25 21:44	10/08/25 11:26	1
Caprolactam	0.36	U	0.36	0.056	mg/Kg	☼	10/07/25 21:44	10/08/25 11:26	1
Carbazole	0.36	U	0.36	0.014	mg/Kg	☼	10/07/25 21:44	10/08/25 11:26	1
Chrysene	**0.028**	**J**	0.36	0.015	mg/Kg	☼	10/07/25 21:44	10/08/25 11:26	1
Dibenz(a,h)anthracene	0.036	U	0.036	0.016	mg/Kg	☼	10/07/25 21:44	10/08/25 11:26	1
Dibenzofuran	0.36	U	0.36	0.012	mg/Kg	☼	10/07/25 21:44	10/08/25 11:26	1
Diethyl phthalate	0.36	U	0.36	0.012	mg/Kg	☼	10/07/25 21:44	10/08/25 11:26	1
Dimethyl phthalate	0.36	U	0.36	0.082	mg/Kg	☼	10/07/25 21:44	10/08/25 11:26	1
Di-n-butyl phthalate	0.36	U	0.36	0.014	mg/Kg	☼	10/07/25 21:44	10/08/25 11:26	1
Di-n-octyl phthalate	0.36	U	0.36	0.019	mg/Kg	☼	10/07/25 21:44	10/08/25 11:26	1
Fluoranthene	**0.055**	**J**	0.36	0.013	mg/Kg	☼	10/07/25 21:44	10/08/25 11:26	1
Fluorene	0.36	U	0.36	0.011	mg/Kg	☼	10/07/25 21:44	10/08/25 11:26	1
Hexachlorobenzene	0.036	U	0.036	0.017	mg/Kg	☼	10/07/25 21:44	10/08/25 11:26	1
Hexachlorobutadiene	0.073	U	0.073	0.0077	mg/Kg	☼	10/07/25 21:44	10/08/25 11:26	1
Hexachlorocyclopentadiene	0.36	U	0.36	0.032	mg/Kg	☼	10/07/25 21:44	10/08/25 11:26	1
Hexachloroethane	0.036	U	0.036	0.012	mg/Kg	☼	10/07/25 21:44	10/08/25 11:26	1
Indeno[1,2,3-cd]pyrene	**0.025**	**J**	0.036	0.014	mg/Kg	☼	10/07/25 21:44	10/08/25 11:26	1
Isophorone	0.15	U	0.15	0.10	mg/Kg	☼	10/07/25 21:44	10/08/25 11:26	1
Naphthalene	0.36	U	0.36	0.0063	mg/Kg	☼	10/07/25 21:44	10/08/25 11:26	1
Nitrobenzene	0.036	U	0.036	0.020	mg/Kg	☼	10/07/25 21:44	10/08/25 11:26	1
N-Nitrosodi-n-propylamine	0.036	U	0.036	0.026	mg/Kg	☼	10/07/25 21:44	10/08/25 11:26	1
N-Nitrosodiphenylamine	0.36	U	0.36	0.030	mg/Kg	☼	10/07/25 21:44	10/08/25 11:26	1
Pentachlorophenol	0.29	U	0.29	0.074	mg/Kg	☼	10/07/25 21:44	10/08/25 11:26	1
Phenanthrene	**0.042**	**J**	0.36	0.015	mg/Kg	☼	10/07/25 21:44	10/08/25 11:26	1
Phenol	0.36	U	0.36	0.013	mg/Kg	☼	10/07/25 21:44	10/08/25 11:26	1
Pyrene	**0.046**	**J**	0.36	0.0090	mg/Kg	☼	10/07/25 21:44	10/08/25 11:26	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
2,4,6-Tribromophenol (Surr)	*63*		*18 - 137*	*10/07/25 21:44*	*10/08/25 11:26*	*1*
2-Fluorobiphenyl	*62*		*33 - 117*	*10/07/25 21:44*	*10/08/25 11:26*	*1*
2-Fluorophenol (Surr)	*61*		*24 - 120*	*10/07/25 21:44*	*10/08/25 11:26*	*1*
Nitrobenzene-d5 (Surr)	*55*		*27 - 120*	*10/07/25 21:44*	*10/08/25 11:26*	*1*
Phenol-d5 (Surr)	*57*		*28 - 118*	*10/07/25 21:44*	*10/08/25 11:26*	*1*
Terphenyl-d14 (Surr)	*66*		*33 - 124*	*10/07/25 21:44*	*10/08/25 11:26*	*1*

Client Sample ID: 48B_3-6
Date Collected: 10/06/25 08:15
Date Received: 10/06/25 15:30

Lab Sample ID: 460-336556-4
Matrix: Solid
Percent Solids: 91.0

Method: SW846 8081B - Organochlorine Pesticides (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
4,4'-DDD	0.0074	U	0.0074	0.0013	mg/Kg	☼	10/07/25 17:46	10/08/25 09:41	1
4,4'-DDE	0.0074	U	0.0074	0.00087	mg/Kg	☼	10/07/25 17:46	10/08/25 09:41	1
4,4'-DDT	0.0074	U	0.0074	0.0014	mg/Kg	☼	10/07/25 17:46	10/08/25 09:41	1
Aldrin	0.0074	U	0.0074	0.0011	mg/Kg	☼	10/07/25 17:46	10/08/25 09:41	1
alpha-BHC	0.0022	U	0.0022	0.00075	mg/Kg	☼	10/07/25 17:46	10/08/25 09:41	1
beta-BHC	0.0022	U	0.0022	0.00082	mg/Kg	☼	10/07/25 17:46	10/08/25 09:41	1
Chlordane (technical)	0.074	U	0.074	0.018	mg/Kg	☼	10/07/25 17:46	10/08/25 09:41	1
cis-Chlordane	0.0074	U	0.0074	0.0012	mg/Kg	☼	10/07/25 17:46	10/08/25 09:41	1
delta-BHC	0.0022	U	0.0022	0.00045	mg/Kg	☼	10/07/25 17:46	10/08/25 09:41	1
Dieldrin	0.0022	U	0.0022	0.00096	mg/Kg	☼	10/07/25 17:46	10/08/25 09:41	1
Endosulfan I	0.0074	U	0.0074	0.0011	mg/Kg	☼	10/07/25 17:46	10/08/25 09:41	1
Endosulfan II	0.0074	U	0.0074	0.0019	mg/Kg	☼	10/07/25 17:46	10/08/25 09:41	1
Endosulfan sulfate	0.0074	U	0.0074	0.00092	mg/Kg	☼	10/07/25 17:46	10/08/25 09:41	1
Endrin	0.0074	U	0.0074	0.0011	mg/Kg	☼	10/07/25 17:46	10/08/25 09:41	1
Endrin aldehyde	0.0074	U	0.0074	0.0017	mg/Kg	☼	10/07/25 17:46	10/08/25 09:41	1
Endrin ketone	0.0074	U	0.0074	0.0014	mg/Kg	☼	10/07/25 17:46	10/08/25 09:41	1
gamma-BHC (Lindane)	0.0022	U	0.0022	0.00068	mg/Kg	☼	10/07/25 17:46	10/08/25 09:41	1
Heptachlor	0.0074	U	0.0074	0.00087	mg/Kg	☼	10/07/25 17:46	10/08/25 09:41	1
Heptachlor epoxide	0.0074	U	0.0074	0.0011	mg/Kg	☼	10/07/25 17:46	10/08/25 09:41	1
Methoxychlor	0.0074	U	0.0074	0.0017	mg/Kg	☼	10/07/25 17:46	10/08/25 09:41	1
Toxaphene	0.074	U	0.074	0.027	mg/Kg	☼	10/07/25 17:46	10/08/25 09:41	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
DCB Decachlorobiphenyl	*116*		*10 - 150*	*10/07/25 17:46*	*10/08/25 09:41*	*1*
DCB Decachlorobiphenyl	*117*		*10 - 150*	*10/07/25 17:46*	*10/08/25 09:41*	*1*
Tetrachloro-m-xylene	*98*		*14 - 150*	*10/07/25 17:46*	*10/08/25 09:41*	*1*
Tetrachloro-m-xylene	*100*		*14 - 150*	*10/07/25 17:46*	*10/08/25 09:41*	*1*

Method: SW846 8082A - Polychlorinated Biphenyls (PCBs) by Gas Chromatography

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Aroclor 1016	0.074	U	0.074	0.020	mg/Kg	☼	10/07/25 17:40	10/08/25 10:43	1
Aroclor 1221	0.074	U	0.074	0.020	mg/Kg	☼	10/07/25 17:40	10/08/25 10:43	1
Aroclor 1232	0.074	U	0.074	0.020	mg/Kg	☼	10/07/25 17:40	10/08/25 10:43	1
Aroclor 1242	0.074	U	0.074	0.020	mg/Kg	☼	10/07/25 17:40	10/08/25 10:43	1
Aroclor 1248	0.074	U	0.074	0.020	mg/Kg	☼	10/07/25 17:40	10/08/25 10:43	1
Aroclor 1254	0.074	U	0.074	0.020	mg/Kg	☼	10/07/25 17:40	10/08/25 10:43	1
Aroclor 1260	0.074	U	0.074	0.020	mg/Kg	☼	10/07/25 17:40	10/08/25 10:43	1
Aroclor-1262	0.074	U	0.074	0.020	mg/Kg	☼	10/07/25 17:40	10/08/25 10:43	1
Aroclor 1268	0.074	U	0.074	0.020	mg/Kg	☼	10/07/25 17:40	10/08/25 10:43	1
Polychlorinated biphenyls, Total	0.074	U	0.074	0.020	mg/Kg	☼	10/07/25 17:40	10/08/25 10:43	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
DCB Decachlorobiphenyl	*99*		*10 - 150*	*10/07/25 17:40*	*10/08/25 10:43*	*1*
DCB Decachlorobiphenyl	*109*		*10 - 150*	*10/07/25 17:40*	*10/08/25 10:43*	*1*
Tetrachloro-m-xylene	*79*		*10 - 150*	*10/07/25 17:40*	*10/08/25 10:43*	*1*
Tetrachloro-m-xylene	*81*		*10 - 150*	*10/07/25 17:40*	*10/08/25 10:43*	*1*

Method: EPA 1633A - Per- and Polyfluoroalkyl Substances by LC/MS/MS, 1633A

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Perfluorobutanoic acid (PFBA)	0.39	U	0.39	0.098	ug/Kg	☼	10/08/25 14:13	10/09/25 08:07	1

Client Sample ID: 48B_3-6
Date Collected: 10/06/25 08:15
Date Received: 10/06/25 15:30

Lab Sample ID: 460-336556-4
Matrix: Solid
Percent Solids: 91.0

Method: EPA 1633A - Per- and Polyfluoroalkyl Substances by LC/MS/MS, 1633A (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Perfluoropentanoic acid (PFPeA)	**0.12**	**J**	0.20	0.098	ug/Kg	☼	10/08/25 14:13	10/09/25 08:07	1
Perfluorohexanoic acid (PFHxA)	0.20	U	0.20	0.098	ug/Kg	☼	10/08/25 14:13	10/09/25 08:07	1
Perfluoroheptanoic acid (PFHpA)	0.20	U	0.20	0.098	ug/Kg	☼	10/08/25 14:13	10/09/25 08:07	1
Perfluorooctanoic acid (PFOA)	**0.10**	**J**	0.20	0.059	ug/Kg	☼	10/08/25 14:13	10/09/25 08:07	1
Perfluorononanoic acid (PFNA)	**0.23**		0.20	0.098	ug/Kg	☼	10/08/25 14:13	10/09/25 08:07	1
Perfluorodecanoic acid (PFDA)	**0.40**		0.20	0.059	ug/Kg	☼	10/08/25 14:13	10/09/25 08:07	1
Perfluoroundecanoic acid (PFUnA)	**1.82**		0.20	0.098	ug/Kg	☼	10/08/25 14:13	10/09/25 08:07	1
Perfluorododecanoic acid (PFDoA)	**1.51**		0.20	0.098	ug/Kg	☼	10/08/25 14:13	10/09/25 08:07	1
Perfluorotridecanoic acid (PFTrDA)	**5.22**		0.20	0.098	ug/Kg	☼	10/08/25 14:13	10/09/25 08:07	1
Perfluorotetradecanoic acid (PFTeDA)	**0.40**		0.20	0.098	ug/Kg	☼	10/08/25 14:13	10/09/25 08:07	1
Perfluorobutanesulfonic acid (PFBS)	0.20	U	0.20	0.098	ug/Kg	☼	10/08/25 14:13	10/09/25 08:07	1
Perfluoropentanesulfonic acid (PFPeS)	0.20	U	0.20	0.098	ug/Kg	☼	10/08/25 14:13	10/09/25 08:07	1
Perfluorohexanesulfonic acid (PFHxS)	0.20	U	0.20	0.098	ug/Kg	☼	10/08/25 14:13	10/09/25 08:07	1
Perfluoroheptanesulfonic acid (PFHpS)	0.20	U	0.20	0.098	ug/Kg	☼	10/08/25 14:13	10/09/25 08:07	1
Perfluorooctanesulfonic acid (PFOS)	**0.23**		0.20	0.098	ug/Kg	☼	10/08/25 14:13	10/09/25 08:07	1
Perfluorononanesulfonic acid (PFNS)	0.20	U	0.20	0.098	ug/Kg	☼	10/08/25 14:13	10/09/25 08:07	1
Perfluorodecanesulfonic acid (PFDS)	0.20	U	0.20	0.098	ug/Kg	☼	10/08/25 14:13	10/09/25 08:07	1
Perfluorododecanesulfonic acid (PFDoS)	0.20	U	0.20	0.098	ug/Kg	☼	10/08/25 14:13	10/09/25 08:07	1
1H,1H,2H,2H-Perfluorohexane sulfonic acid (4:2 FTS)	0.39	U	0.39	0.20	ug/Kg	☼	10/08/25 14:13	10/09/25 08:07	1
1H,1H,2H,2H-Perfluorooctane sulfonic acid (6:2 FTS)	**0.22**	**J**	0.39	0.20	ug/Kg	☼	10/08/25 14:13	10/09/25 08:07	1
1H,1H,2H,2H-Perfluorodecane sulfonic acid (8:2 FTS)	**0.73**		0.39	0.20	ug/Kg	☼	10/08/25 14:13	10/09/25 08:07	1
Perfluorooctanesulfonamide (PFOSA)	0.20	U	0.20	0.098	ug/Kg	☼	10/08/25 14:13	10/09/25 08:07	1
N-methylperfluorooctane sulfonamide (NMeFOSA)	0.20	U	0.20	0.098	ug/Kg	☼	10/08/25 14:13	10/09/25 08:07	1
N-ethylperfluorooctane sulfonamide (NEtFOSA)	0.20	U	0.20	0.098	ug/Kg	☼	10/08/25 14:13	10/09/25 08:07	1
N-methylperfluorooctanesulfonamidoacetic acid (NMeFOSAA)	0.20	U	0.20	0.098	ug/Kg	☼	10/08/25 14:13	10/09/25 08:07	1
N-ethylperfluorooctanesulfonamidoacetic acid (NEtFOSAA)	0.20	U	0.20	0.098	ug/Kg	☼	10/08/25 14:13	10/09/25 08:07	1
N-methylperfluorooctane sulfonamidoethanol (NMeFOSE)	0.98	U	0.98	0.49	ug/Kg	☼	10/08/25 14:13	10/09/25 08:07	1
N-ethylperfluorooctane sulfonamidoethanol (NEtFOSE)	0.98	U	0.98	0.49	ug/Kg	☼	10/08/25 14:13	10/09/25 08:07	1
Hexafluoropropylene Oxide Dimer Acid (HFPO-DA)	0.20	U	0.20	0.098	ug/Kg	☼	10/08/25 14:13	10/09/25 08:07	1
4,8-Dioxa-3H-perfluorononanoic acid (ADONA)	0.20	U	0.20	0.098	ug/Kg	☼	10/08/25 14:13	10/09/25 08:07	1
Perfluoro-3-methoxypropanoic acid (PFMPA)	0.20	U	0.20	0.098	ug/Kg	☼	10/08/25 14:13	10/09/25 08:07	1
Perfluoro-4-methoxybutanoic acid (PFMBA)	0.20	U	0.20	0.098	ug/Kg	☼	10/08/25 14:13	10/09/25 08:07	1
Nonafluoro-3,6-dioxaheptanoic acid (NFDHA)	0.20	U	0.20	0.098	ug/Kg	☼	10/08/25 14:13	10/09/25 08:07	1

Client Sample ID: 48B_3-6
Date Collected: 10/06/25 08:15
Date Received: 10/06/25 15:30

Lab Sample ID: 460-336556-4
Matrix: Solid
Percent Solids: 91.0

Method: EPA 1633A - Per- and Polyfluoroalkyl Substances by LC/MS/MS, 1633A (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
9-Chlorohexadecafluoro-3-oxanonane-1-sulfonic acid (9Cl-PF3ONS)	0.20	U	0.20	0.098	ug/Kg	☼	10/08/25 14:13	10/09/25 08:07	1
11-Chloroeicosafluoro-3-oxaundecane-1-sulfonic acid (11Cl-PF3OUdS)	0.20	U	0.20	0.098	ug/Kg	☼	10/08/25 14:13	10/09/25 08:07	1
Perfluoro (2-ethoxyethane) sulfonic acid (PFEESA)	0.20	U	0.20	0.098	ug/Kg	☼	10/08/25 14:13	10/09/25 08:07	1
3-Perfluoropropylpropanoic acid (3:3 FTCA)	0.39	U	0.39	0.20	ug/Kg	☼	10/08/25 14:13	10/09/25 08:07	1
3-Perfluoropentylpropanoic acid (5:3 FTCA)	0.98	U	0.98	0.49	ug/Kg	☼	10/08/25 14:13	10/09/25 08:07	1
3-Perfluoroheptylpropanoic acid (7:3 FTCA)	0.98	U	0.98	0.49	ug/Kg	☼	10/08/25 14:13	10/09/25 08:07	1

Isotope Dilution	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
13C4 PFBA	*116*		*8 - 130*	*10/08/25 14:13*	*10/09/25 08:07*	*1*
13C5 PFPeA	*103*		*35 - 130*	*10/08/25 14:13*	*10/09/25 08:07*	*1*
13C5 PFHxA	*105*		*40 - 130*	*10/08/25 14:13*	*10/09/25 08:07*	*1*
13C4 PFHpA	*104*		*40 - 130*	*10/08/25 14:13*	*10/09/25 08:07*	*1*
13C8 PFOA	*97.4*		*40 - 130*	*10/08/25 14:13*	*10/09/25 08:07*	*1*
13C9 PFNA	*93.9*		*40 - 130*	*10/08/25 14:13*	*10/09/25 08:07*	*1*
13C6 PFDA	*87.7*		*40 - 130*	*10/08/25 14:13*	*10/09/25 08:07*	*1*
13C7 PFUnA	*86.6*		*40 - 130*	*10/08/25 14:13*	*10/09/25 08:07*	*1*
13C2 PFTeDA	*69.0*		*20 - 130*	*10/08/25 14:13*	*10/09/25 08:07*	*1*
13C3 PFBS	*111*		*40 - 135*	*10/08/25 14:13*	*10/09/25 08:07*	*1*
13C3 PFHxS	*97.7*		*40 - 130*	*10/08/25 14:13*	*10/09/25 08:07*	*1*
13C8 PFOS	*82.6*		*40 - 130*	*10/08/25 14:13*	*10/09/25 08:07*	*1*
13C8 FOSA	*78.1*		*40 - 130*	*10/08/25 14:13*	*10/09/25 08:07*	*1*
d3-NMeFOSAA	*64.8*		*40 - 135*	*10/08/25 14:13*	*10/09/25 08:07*	*1*
d5-NEtFOSAA	*81.5*		*40 - 150*	*10/08/25 14:13*	*10/09/25 08:07*	*1*
13C2 4:2 FTS	*151*		*40 - 165*	*10/08/25 14:13*	*10/09/25 08:07*	*1*
13C2 6:2 FTS	*123*		*40 - 215*	*10/08/25 14:13*	*10/09/25 08:07*	*1*
13C2 8:2 FTS	*96.9*		*40 - 275*	*10/08/25 14:13*	*10/09/25 08:07*	*1*
13C3 HFPO-DA	*102*		*40 - 130*	*10/08/25 14:13*	*10/09/25 08:07*	*1*
d7-N-MeFOSE-M	*46.3*		*20 - 130*	*10/08/25 14:13*	*10/09/25 08:07*	*1*
d9-N-EtFOSE-M	*37.3*		*15 - 130*	*10/08/25 14:13*	*10/09/25 08:07*	*1*
d5-NEtPFOSA	*58.1*		*10 - 130*	*10/08/25 14:13*	*10/09/25 08:07*	*1*
d3-NMePFOSA	*66.1*		*10 - 130*	*10/08/25 14:13*	*10/09/25 08:07*	*1*
13C2 PFDoA	*79.5*		*40 - 130*	*10/08/25 14:13*	*10/09/25 08:07*	*1*

Method: SW846 6020B - Metals (ICP/MS)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Aluminum	**5990**		16.8	4.6	mg/Kg	☼	10/09/25 16:40	10/10/25 19:40	1
Antimony	**1.8**		0.84	0.12	mg/Kg	☼	10/09/25 16:40	10/10/25 19:40	1
Arsenic	**7.5**		0.84	0.086	mg/Kg	☼	10/09/25 16:40	10/10/25 19:40	1
Barium	**46.0**		1.7	0.12	mg/Kg	☼	10/09/25 16:40	10/10/25 19:40	1
Beryllium	**0.54**		0.34	0.018	mg/Kg	☼	10/09/25 16:40	10/10/25 19:40	1
Cadmium	**0.43**	**J**	0.84	0.095	mg/Kg	☼	10/09/25 16:40	10/10/25 19:40	1
Calcium	**1410**		83.9	8.2	mg/Kg	☼	10/09/25 16:40	10/10/25 19:40	1
Chromium	**16.1**		1.7	0.25	mg/Kg	☼	10/09/25 16:40	10/10/25 19:40	1
Cobalt	**5.4**		0.84	0.12	mg/Kg	☼	10/09/25 16:40	10/10/25 19:40	1
Copper	**39.9**		1.7	0.31	mg/Kg	☼	10/09/25 16:40	10/10/25 19:40	1
Iron	**19100**		50.3	6.4	mg/Kg	☼	10/09/25 16:40	10/10/25 19:40	1

Client Sample ID: 48B_3-6

Lab Sample ID: 460-336556-4

Date Collected: 10/06/25 08:15
Matrix: Solid
Date Received: 10/06/25 15:30
Percent Solids: 91.0

Method: SW846 6020B - Metals (ICP/MS) (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Lead	110		0.50	0.17	mg/Kg	☼	10/09/25 16:40	10/10/25 19:40	1
Magnesium	1500		83.9	8.6	mg/Kg	☼	10/09/25 16:40	10/10/25 19:40	1
Manganese	125		3.4	0.34	mg/Kg	☼	10/09/25 16:40	10/10/25 19:40	1
Nickel	13.2		1.7	0.15	mg/Kg	☼	10/09/25 16:40	10/10/25 19:40	1
Potassium	1240		83.9	13.6	mg/Kg	☼	10/09/25 16:40	10/10/25 19:40	1
Selenium	0.26	J	1.0	0.11	mg/Kg	☼	10/09/25 16:40	10/10/25 19:40	1
Silver	0.22	J	0.34	0.075	mg/Kg	☼	10/09/25 16:40	10/10/25 19:40	1
Sodium	86.5		83.9	38.3	mg/Kg	☼	10/09/25 16:40	10/10/25 19:40	1
Thallium	0.086	J	0.34	0.034	mg/Kg	☼	10/09/25 16:40	10/10/25 19:40	1
Vanadium	23.9		1.7	0.17	mg/Kg	☼	10/09/25 16:40	10/10/25 19:40	1
Zinc	106		6.7	0.91	mg/Kg	☼	10/09/25 16:40	10/10/25 19:40	1

Method: SW846 7471B - Mercury (CVAA)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	0.031		0.016	0.0078	mg/Kg	☼	10/14/25 02:12	10/14/25 08:27	1

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Percent Moisture (EPA Moisture)	9.0		1.0	1.0	%			10/07/25 16:13	1
Percent Solids (EPA Moisture)	91.0		1.0	1.0	%			10/07/25 16:13	1

Client Sample ID: 48C_0-3

Lab Sample ID: 460-336556-5

Date Collected: 10/06/25 08:20
Matrix: Solid
Date Received: 10/06/25 15:30
Percent Solids: 92.4

Method: SW846 8270E - Semivolatile Organic Compounds (GC/MS)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1'-Biphenyl	0.35	U	0.35	0.012	mg/Kg	☼	10/07/25 21:44	10/08/25 14:08	1
1,2,4,5-Tetrachlorobenzene	0.35	U	0.35	0.011	mg/Kg	☼	10/07/25 21:44	10/08/25 14:08	1
1,4-Dioxane	0.035	U	0.035	0.031	mg/Kg	☼	10/07/25 21:44	10/08/25 14:08	1
2,2'-oxybis[1-chloropropane]	0.35	U	0.35	0.021	mg/Kg	☼	10/07/25 21:44	10/08/25 14:08	1
2,3,4,6-Tetrachlorophenol	0.35	U	0.35	0.024	mg/Kg	☼	10/07/25 21:44	10/08/25 14:08	1
2,4,5-Trichlorophenol	0.35	U	0.35	0.036	mg/Kg	☼	10/07/25 21:44	10/08/25 14:08	1
2,4,6-Trichlorophenol	0.14	U	0.14	0.046	mg/Kg	☼	10/07/25 21:44	10/08/25 14:08	1
2,4-Dichlorophenol	0.14	U	0.14	0.023	mg/Kg	☼	10/07/25 21:44	10/08/25 14:08	1
2,4-Dimethylphenol	0.35	U	0.35	0.042	mg/Kg	☼	10/07/25 21:44	10/08/25 14:08	1
2,4-Dinitrophenol	0.28	U	0.28	0.17	mg/Kg	☼	10/07/25 21:44	10/08/25 14:08	1
2,4-Dinitrotoluene	0.072	U	0.072	0.038	mg/Kg	☼	10/07/25 21:44	10/08/25 14:08	1
2,6-Dinitrotoluene	0.072	U	0.072	0.026	mg/Kg	☼	10/07/25 21:44	10/08/25 14:08	1
2-Chloronaphthalene	0.35	U	0.35	0.046	mg/Kg	☼	10/07/25 21:44	10/08/25 14:08	1
2-Chlorophenol	0.35	U	0.35	0.013	mg/Kg	☼	10/07/25 21:44	10/08/25 14:08	1
2-Methylnaphthalene	0.35	U	0.35	0.0099	mg/Kg	☼	10/07/25 21:44	10/08/25 14:08	1
2-Methylphenol	0.35	U	0.35	0.013	mg/Kg	☼	10/07/25 21:44	10/08/25 14:08	1
2-Nitroaniline	0.35	U	0.35	0.027	mg/Kg	☼	10/07/25 21:44	10/08/25 14:08	1
2-Nitrophenol	0.35	U	0.35	0.035	mg/Kg	☼	10/07/25 21:44	10/08/25 14:08	1
3 & 4 Methylphenol	0.35	U	0.35	0.022	mg/Kg	☼	10/07/25 21:44	10/08/25 14:08	1
3,3'-Dichlorobenzidine	0.14	U	0.14	0.054	mg/Kg	☼	10/07/25 21:44	10/08/25 14:08	1
3-Nitroaniline	0.35	U	0.35	0.084	mg/Kg	☼	10/07/25 21:44	10/08/25 14:08	1
4,6-Dinitro-2-methylphenol	0.28	U	0.28	0.14	mg/Kg	☼	10/07/25 21:44	10/08/25 14:08	1
4-Bromophenyl phenyl ether	0.35	U	0.35	0.014	mg/Kg	☼	10/07/25 21:44	10/08/25 14:08	1

Client Sample ID: 48C_0-3
Date Collected: 10/06/25 08:20
Date Received: 10/06/25 15:30

Lab Sample ID: 460-336556-5
Matrix: Solid
Percent Solids: 92.4

Method: SW846 8270E - Semivolatile Organic Compounds (GC/MS) (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
4-Chloro-3-methylphenol	0.35	U	0.35	0.020	mg/Kg	☼	10/07/25 21:44	10/08/25 14:08	1
4-Chloroaniline	0.35	U	0.35	0.063	mg/Kg	☼	10/07/25 21:44	10/08/25 14:08	1
4-Chlorophenyl phenyl ether	0.35	U	0.35	0.013	mg/Kg	☼	10/07/25 21:44	10/08/25 14:08	1
4-Methylphenol	0.35	U	0.35	0.022	mg/Kg	☼	10/07/25 21:44	10/08/25 14:08	1
4-Nitroaniline	0.35	U	0.35	0.090	mg/Kg	☼	10/07/25 21:44	10/08/25 14:08	1
4-Nitrophenol	0.72	U	0.72	0.058	mg/Kg	☼	10/07/25 21:44	10/08/25 14:08	1
Acenaphthene	0.35	U	0.35	0.010	mg/Kg	☼	10/07/25 21:44	10/08/25 14:08	1
Acenaphthylene	**0.029**	**J**	0.35	0.010	mg/Kg	☼	10/07/25 21:44	10/08/25 14:08	1
Acetophenone	0.35	U	0.35	0.017	mg/Kg	☼	10/07/25 21:44	10/08/25 14:08	1
Anthracene	**0.069**	**J**	0.35	0.011	mg/Kg	☼	10/07/25 21:44	10/08/25 14:08	1
Atrazine	0.14	U	0.14	0.021	mg/Kg	☼	10/07/25 21:44	10/08/25 14:08	1
Benzaldehyde	0.35	U	0.35	0.059	mg/Kg	☼	10/07/25 21:44	10/08/25 14:08	1
Benzo[a]anthracene	**0.042**		0.035	0.027	mg/Kg	☼	10/07/25 21:44	10/08/25 14:08	1
Benzo[a]pyrene	**0.049**		0.035	0.0094	mg/Kg	☼	10/07/25 21:44	10/08/25 14:08	1
Benzo[b]fluoranthene	**0.056**		0.035	0.0092	mg/Kg	☼	10/07/25 21:44	10/08/25 14:08	1
Benzo[g,h,i]perylene	**0.053**	**J**	0.35	0.010	mg/Kg	☼	10/07/25 21:44	10/08/25 14:08	1
Benzo[k]fluoranthene	**0.024**	**J**	0.035	0.0070	mg/Kg	☼	10/07/25 21:44	10/08/25 14:08	1
Bis(2-chloroethoxy)methane	0.35	U	0.35	0.065	mg/Kg	☼	10/07/25 21:44	10/08/25 14:08	1
Bis(2-chloroethyl)ether	0.035	U	0.035	0.012	mg/Kg	☼	10/07/25 21:44	10/08/25 14:08	1
Bis(2-ethylhexyl) phthalate	0.35	U	0.35	0.019	mg/Kg	☼	10/07/25 21:44	10/08/25 14:08	1
Butyl benzyl phthalate	0.35	U	0.35	0.017	mg/Kg	☼	10/07/25 21:44	10/08/25 14:08	1
Caprolactam	0.35	U	0.35	0.055	mg/Kg	☼	10/07/25 21:44	10/08/25 14:08	1
Carbazole	**0.025**	**J**	0.35	0.013	mg/Kg	☼	10/07/25 21:44	10/08/25 14:08	1
Chrysene	**0.048**	**J**	0.35	0.015	mg/Kg	☼	10/07/25 21:44	10/08/25 14:08	1
Dibenz(a,h)anthracene	0.035	U	0.035	0.015	mg/Kg	☼	10/07/25 21:44	10/08/25 14:08	1
Dibenzofuran	0.35	U	0.35	0.012	mg/Kg	☼	10/07/25 21:44	10/08/25 14:08	1
Diethyl phthalate	0.35	U	0.35	0.011	mg/Kg	☼	10/07/25 21:44	10/08/25 14:08	1
Dimethyl phthalate	0.35	U	0.35	0.081	mg/Kg	☼	10/07/25 21:44	10/08/25 14:08	1
Di-n-butyl phthalate	0.35	U	0.35	0.013	mg/Kg	☼	10/07/25 21:44	10/08/25 14:08	1
Di-n-octyl phthalate	0.35	U	0.35	0.019	mg/Kg	☼	10/07/25 21:44	10/08/25 14:08	1
Fluoranthene	**0.090**	**J**	0.35	0.012	mg/Kg	☼	10/07/25 21:44	10/08/25 14:08	1
Fluorene	0.35	U	0.35	0.010	mg/Kg	☼	10/07/25 21:44	10/08/25 14:08	1
Hexachlorobenzene	0.035	U	0.035	0.017	mg/Kg	☼	10/07/25 21:44	10/08/25 14:08	1
Hexachlorobutadiene	0.072	U	0.072	0.0075	mg/Kg	☼	10/07/25 21:44	10/08/25 14:08	1
Hexachlorocyclopentadiene	0.35	U	0.35	0.031	mg/Kg	☼	10/07/25 21:44	10/08/25 14:08	1
Hexachloroethane	0.035	U	0.035	0.012	mg/Kg	☼	10/07/25 21:44	10/08/25 14:08	1
Indeno[1,2,3-cd]pyrene	**0.041**		0.035	0.014	mg/Kg	☼	10/07/25 21:44	10/08/25 14:08	1
Isophorone	0.14	U	0.14	0.10	mg/Kg	☼	10/07/25 21:44	10/08/25 14:08	1
Naphthalene	**0.014**	**J**	0.35	0.0061	mg/Kg	☼	10/07/25 21:44	10/08/25 14:08	1
Nitrobenzene	0.035	U	0.035	0.020	mg/Kg	☼	10/07/25 21:44	10/08/25 14:08	1
N-Nitrosodi-n-propylamine	0.035	U	0.035	0.026	mg/Kg	☼	10/07/25 21:44	10/08/25 14:08	1
N-Nitrosodiphenylamine	0.35	U	0.35	0.029	mg/Kg	☼	10/07/25 21:44	10/08/25 14:08	1
Pentachlorophenol	0.28	U	0.28	0.073	mg/Kg	☼	10/07/25 21:44	10/08/25 14:08	1
Phenanthrene	**0.081**	**J**	0.35	0.014	mg/Kg	☼	10/07/25 21:44	10/08/25 14:08	1
Phenol	0.35	U	0.35	0.013	mg/Kg	☼	10/07/25 21:44	10/08/25 14:08	1
Pyrene	**0.071**	**J**	0.35	0.0088	mg/Kg	☼	10/07/25 21:44	10/08/25 14:08	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
2,4,6-Tribromophenol (Surr)	*59*		*18 - 137*	*10/07/25 21:44*	*10/08/25 14:08*	*1*
2-Fluorobiphenyl	*60*		*33 - 117*	*10/07/25 21:44*	*10/08/25 14:08*	*1*

Client Sample ID: 48C_0-3

Date Collected: 10/06/25 08:20
Date Received: 10/06/25 15:30

Lab Sample ID: 460-336556-5

Matrix: Solid
Percent Solids: 92.4

Method: SW846 8270E - Semivolatile Organic Compounds (GC/MS) (Continued)

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
2-Fluorophenol (Surr)	*59*		*24 - 120*	*10/07/25 21:44*	*10/08/25 14:08*	*1*
Nitrobenzene-d5 (Surr)	*53*		*27 - 120*	*10/07/25 21:44*	*10/08/25 14:08*	*1*
Phenol-d5 (Surr)	*55*		*28 - 118*	*10/07/25 21:44*	*10/08/25 14:08*	*1*
Terphenyl-d14 (Surr)	*61*		*33 - 124*	*10/07/25 21:44*	*10/08/25 14:08*	*1*

Method: SW846 8081B - Organochlorine Pesticides (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
4,4'-DDD	0.0073	U	0.0073	0.0012	mg/Kg	☼	10/07/25 17:46	10/08/25 09:56	1
4,4'-DDE	0.0073	U	0.0073	0.00086	mg/Kg	☼	10/07/25 17:46	10/08/25 09:56	1
4,4'-DDT	0.0073	U	0.0073	0.0013	mg/Kg	☼	10/07/25 17:46	10/08/25 09:56	1
Aldrin	0.0073	U	0.0073	0.0011	mg/Kg	☼	10/07/25 17:46	10/08/25 09:56	1
alpha-BHC	0.0022	U	0.0022	0.00074	mg/Kg	☼	10/07/25 17:46	10/08/25 09:56	1
beta-BHC	0.0022	U	0.0022	0.00081	mg/Kg	☼	10/07/25 17:46	10/08/25 09:56	1
Chlordane (technical)	0.073	U	0.073	0.018	mg/Kg	☼	10/07/25 17:46	10/08/25 09:56	1
cis-Chlordane	0.0073	U	0.0073	0.0011	mg/Kg	☼	10/07/25 17:46	10/08/25 09:56	1
delta-BHC	0.0022	U	0.0022	0.00044	mg/Kg	☼	10/07/25 17:46	10/08/25 09:56	1
Dieldrin	0.0022	U	0.0022	0.00094	mg/Kg	☼	10/07/25 17:46	10/08/25 09:56	1
Endosulfan I	0.0073	U	0.0073	0.0011	mg/Kg	☼	10/07/25 17:46	10/08/25 09:56	1
Endosulfan II	0.0073	U	0.0073	0.0019	mg/Kg	☼	10/07/25 17:46	10/08/25 09:56	1
Endosulfan sulfate	0.0073	U	0.0073	0.00091	mg/Kg	☼	10/07/25 17:46	10/08/25 09:56	1
Endrin	0.0073	U	0.0073	0.0010	mg/Kg	☼	10/07/25 17:46	10/08/25 09:56	1
Endrin aldehyde	0.0073	U	0.0073	0.0017	mg/Kg	☼	10/07/25 17:46	10/08/25 09:56	1
Endrin ketone	0.0073	U	0.0073	0.0014	mg/Kg	☼	10/07/25 17:46	10/08/25 09:56	1
gamma-BHC (Lindane)	0.0022	U	0.0022	0.00067	mg/Kg	☼	10/07/25 17:46	10/08/25 09:56	1
Heptachlor	0.0073	U	0.0073	0.00086	mg/Kg	☼	10/07/25 17:46	10/08/25 09:56	1
Heptachlor epoxide	0.0073	U	0.0073	0.0011	mg/Kg	☼	10/07/25 17:46	10/08/25 09:56	1
Methoxychlor	0.0073	U	0.0073	0.0017	mg/Kg	☼	10/07/25 17:46	10/08/25 09:56	1
Toxaphene	0.073	U	0.073	0.026	mg/Kg	☼	10/07/25 17:46	10/08/25 09:56	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
DCB Decachlorobiphenyl	*130*		*10 - 150*	*10/07/25 17:46*	*10/08/25 09:56*	*1*
DCB Decachlorobiphenyl	*139*		*10 - 150*	*10/07/25 17:46*	*10/08/25 09:56*	*1*
Tetrachloro-m-xylene	*109*		*14 - 150*	*10/07/25 17:46*	*10/08/25 09:56*	*1*
Tetrachloro-m-xylene	*117*		*14 - 150*	*10/07/25 17:46*	*10/08/25 09:56*	*1*

Method: SW846 8082A - Polychlorinated Biphenyls (PCBs) by Gas Chromatography

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Aroclor 1016	0.073	U	0.073	0.019	mg/Kg	☼	10/07/25 17:40	10/08/25 11:18	1
Aroclor 1221	0.073	U	0.073	0.019	mg/Kg	☼	10/07/25 17:40	10/08/25 11:18	1
Aroclor 1232	0.073	U	0.073	0.019	mg/Kg	☼	10/07/25 17:40	10/08/25 11:18	1
Aroclor 1242	0.073	U	0.073	0.019	mg/Kg	☼	10/07/25 17:40	10/08/25 11:18	1
Aroclor 1248	0.073	U	0.073	0.019	mg/Kg	☼	10/07/25 17:40	10/08/25 11:18	1
Aroclor 1254	0.073	U	0.073	0.019	mg/Kg	☼	10/07/25 17:40	10/08/25 11:18	1
Aroclor 1260	0.073	U	0.073	0.019	mg/Kg	☼	10/07/25 17:40	10/08/25 11:18	1
Aroclor-1262	0.073	U	0.073	0.019	mg/Kg	☼	10/07/25 17:40	10/08/25 11:18	1
Aroclor 1268	0.073	U	0.073	0.019	mg/Kg	☼	10/07/25 17:40	10/08/25 11:18	1
Polychlorinated biphenyls, Total	0.073	U	0.073	0.019	mg/Kg	☼	10/07/25 17:40	10/08/25 11:18	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
DCB Decachlorobiphenyl	*102*		*10 - 150*	*10/07/25 17:40*	*10/08/25 11:18*	*1*

Client Sample ID: 48C_0-3
Date Collected: 10/06/25 08:20
Date Received: 10/06/25 15:30

Lab Sample ID: 460-336556-5
Matrix: Solid
Percent Solids: 92.4

Method: SW846 8082A - Polychlorinated Biphenyls (PCBs) by Gas Chromatography (Continued)

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
DCB Decachlorobiphenyl	118		10 - 150	10/07/25 17:40	10/08/25 11:18	1
Tetrachloro-m-xylene	81		10 - 150	10/07/25 17:40	10/08/25 11:18	1
Tetrachloro-m-xylene	88		10 - 150	10/07/25 17:40	10/08/25 11:18	1

Method: EPA 1633A - Per- and Polyfluoroalkyl Substances by LC/MS/MS, 1633A

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Perfluorobutanoic acid (PFBA)	0.38	U	0.38	0.096	ug/Kg	☼	10/08/25 14:13	10/09/25 08:21	1
Perfluoropentanoic acid (PFPeA)	**0.45**		0.19	0.096	ug/Kg	☼	10/08/25 14:13	10/09/25 08:21	1
Perfluorohexanoic acid (PFHxA)	**0.34**		0.19	0.096	ug/Kg	☼	10/08/25 14:13	10/09/25 08:21	1
Perfluoroheptanoic acid (PFHpA)	**0.46**		0.19	0.096	ug/Kg	☼	10/08/25 14:13	10/09/25 08:21	1
Perfluorooctanoic acid (PFOA)	**0.43**		0.19	0.058	ug/Kg	☼	10/08/25 14:13	10/09/25 08:21	1
Perfluorononanoic acid (PFNA)	**1.70**		0.19	0.096	ug/Kg	☼	10/08/25 14:13	10/09/25 08:21	1
Perfluorodecanoic acid (PFDA)	**2.60**		0.19	0.058	ug/Kg	☼	10/08/25 14:13	10/09/25 08:21	1
Perfluoroundecanoic acid (PFUnA)	**13.4**		0.19	0.096	ug/Kg	☼	10/08/25 14:13	10/09/25 08:21	1
Perfluorododecanoic acid (PFDoA)	**2.75**		0.19	0.096	ug/Kg	☼	10/08/25 14:13	10/09/25 08:21	1
Perfluorotridecanoic acid (PFTrDA)	**11.6**		0.19	0.096	ug/Kg	☼	10/08/25 14:13	10/09/25 08:21	1
Perfluorotetradecanoic acid (PFTeDA)	**0.55**		0.19	0.096	ug/Kg	☼	10/08/25 14:13	10/09/25 08:21	1
Perfluorobutanesulfonic acid (PFBS)	0.19	U	0.19	0.096	ug/Kg	☼	10/08/25 14:13	10/09/25 08:21	1
Perfluoropentanesulfonic acid (PFPeS)	0.19	U	0.19	0.096	ug/Kg	☼	10/08/25 14:13	10/09/25 08:21	1
Perfluorohexanesulfonic acid (PFHxS)	0.19	U	0.19	0.096	ug/Kg	☼	10/08/25 14:13	10/09/25 08:21	1
Perfluoroheptanesulfonic acid (PFHpS)	0.19	U	0.19	0.096	ug/Kg	☼	10/08/25 14:13	10/09/25 08:21	1
Perfluorooctanesulfonic acid (PFOS)	**0.31**		0.19	0.096	ug/Kg	☼	10/08/25 14:13	10/09/25 08:21	1
Perfluorononanesulfonic acid (PFNS)	0.19	U	0.19	0.096	ug/Kg	☼	10/08/25 14:13	10/09/25 08:21	1
Perfluorodecanesulfonic acid (PFDS)	0.19	U	0.19	0.096	ug/Kg	☼	10/08/25 14:13	10/09/25 08:21	1
Perfluorododecanesulfonic acid (PFDoS)	0.19	U	0.19	0.096	ug/Kg	☼	10/08/25 14:13	10/09/25 08:21	1
1H,1H,2H,2H-Perfluorohexane sulfonic acid (4:2 FTS)	0.38	U	0.38	0.19	ug/Kg	☼	10/08/25 14:13	10/09/25 08:21	1
1H,1H,2H,2H-Perfluorooctane sulfonic acid (6:2 FTS)	**0.47**		0.38	0.19	ug/Kg	☼	10/08/25 14:13	10/09/25 08:21	1
1H,1H,2H,2H-Perfluorodecane sulfonic acid (8:2 FTS)	**1.52**		0.38	0.19	ug/Kg	☼	10/08/25 14:13	10/09/25 08:21	1
Perfluorooctanesulfonamide (PFOSA)	0.19	U	0.19	0.096	ug/Kg	☼	10/08/25 14:13	10/09/25 08:21	1
N-methylperfluorooctane sulfonamide (NMeFOSA)	0.19	U	0.19	0.096	ug/Kg	☼	10/08/25 14:13	10/09/25 08:21	1
N-ethylperfluorooctane sulfonamide (NEtFOSA)	0.19	U	0.19	0.096	ug/Kg	☼	10/08/25 14:13	10/09/25 08:21	1
N-methylperfluorooctanesulfonamidoacetic acid (NMeFOSAA)	0.19	U	0.19	0.096	ug/Kg	☼	10/08/25 14:13	10/09/25 08:21	1
N-ethylperfluorooctanesulfonamidoacetic acid (NEtFOSAA)	0.19	U	0.19	0.096	ug/Kg	☼	10/08/25 14:13	10/09/25 08:21	1
N-methylperfluorooctane sulfonamidoethanol (NMeFOSE)	0.96	U	0.96	0.48	ug/Kg	☼	10/08/25 14:13	10/09/25 08:21	1
N-ethylperfluorooctane sulfonamidoethanol (NEtFOSE)	0.96	U	0.96	0.48	ug/Kg	☼	10/08/25 14:13	10/09/25 08:21	1
Hexafluoropropylene Oxide Dimer Acid (HFPO-DA)	0.19	U	0.19	0.096	ug/Kg	☼	10/08/25 14:13	10/09/25 08:21	1

Client Sample ID: 48C_0-3
Date Collected: 10/06/25 08:20
Date Received: 10/06/25 15:30

Lab Sample ID: 460-336556-5
Matrix: Solid
Percent Solids: 92.4

Method: EPA 1633A - Per- and Polyfluoroalkyl Substances by LC/MS/MS, 1633A (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
4,8-Dioxa-3H-perfluorononanoic acid (ADONA)	0.19	U	0.19	0.096	ug/Kg	☼	10/08/25 14:13	10/09/25 08:21	1
Perfluoro-3-methoxypropanoic acid (PFMPA)	0.19	U	0.19	0.096	ug/Kg	☼	10/08/25 14:13	10/09/25 08:21	1
Perfluoro-4-methoxybutanoic acid (PFMBA)	0.19	U	0.19	0.096	ug/Kg	☼	10/08/25 14:13	10/09/25 08:21	1
Nonafluoro-3,6-dioxaheptanoic acid (NFDHA)	0.19	U	0.19	0.096	ug/Kg	☼	10/08/25 14:13	10/09/25 08:21	1
9-Chlorohexadecafluoro-3-oxanonane-1-sulfonic acid (9Cl-PF3ONS)	0.19	U	0.19	0.096	ug/Kg	☼	10/08/25 14:13	10/09/25 08:21	1
11-Chloroeicosafluoro-3-oxaundecane-1-sulfonic acid (11Cl-PF3OUdS)	0.19	U	0.19	0.096	ug/Kg	☼	10/08/25 14:13	10/09/25 08:21	1
Perfluoro (2-ethoxyethane) sulfonic acid (PFEESA)	0.19	U	0.19	0.096	ug/Kg	☼	10/08/25 14:13	10/09/25 08:21	1
3-Perfluoropropylpropanoic acid (3:3 FTCA)	0.38	U	0.38	0.19	ug/Kg	☼	10/08/25 14:13	10/09/25 08:21	1
3-Perfluoropentylpropanoic acid (5:3 FTCA)	0.96	U	0.96	0.48	ug/Kg	☼	10/08/25 14:13	10/09/25 08:21	1
3-Perfluoroheptylpropanoic acid (7:3 FTCA)	0.96	U	0.96	0.48	ug/Kg	☼	10/08/25 14:13	10/09/25 08:21	1

Isotope Dilution	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
13C4 PFBA	*89.4*		*8 - 130*	*10/08/25 14:13*	*10/09/25 08:21*	*1*
13C5 PFPeA	*78.6*		*35 - 130*	*10/08/25 14:13*	*10/09/25 08:21*	*1*
13C5 PFHxA	*78.7*		*40 - 130*	*10/08/25 14:13*	*10/09/25 08:21*	*1*
13C4 PFHpA	*87.1*		*40 - 130*	*10/08/25 14:13*	*10/09/25 08:21*	*1*
13C8 PFOA	*84.4*		*40 - 130*	*10/08/25 14:13*	*10/09/25 08:21*	*1*
13C9 PFNA	*87.9*		*40 - 130*	*10/08/25 14:13*	*10/09/25 08:21*	*1*
13C6 PFDA	*82.5*		*40 - 130*	*10/08/25 14:13*	*10/09/25 08:21*	*1*
13C7 PFUnA	*80.7*		*40 - 130*	*10/08/25 14:13*	*10/09/25 08:21*	*1*
13C2 PFTeDA	*82.2*		*20 - 130*	*10/08/25 14:13*	*10/09/25 08:21*	*1*
13C3 PFBS	*87.2*		*40 - 135*	*10/08/25 14:13*	*10/09/25 08:21*	*1*
13C3 PFHxS	*82.4*		*40 - 130*	*10/08/25 14:13*	*10/09/25 08:21*	*1*
13C8 PFOS	*78.9*		*40 - 130*	*10/08/25 14:13*	*10/09/25 08:21*	*1*
13C8 FOSA	*81.3*		*40 - 130*	*10/08/25 14:13*	*10/09/25 08:21*	*1*
d3-NMeFOSAA	*72.0*		*40 - 135*	*10/08/25 14:13*	*10/09/25 08:21*	*1*
d5-NEtFOSAA	*89.6*		*40 - 150*	*10/08/25 14:13*	*10/09/25 08:21*	*1*
13C2 4:2 FTS	*161*		*40 - 165*	*10/08/25 14:13*	*10/09/25 08:21*	*1*
13C2 6:2 FTS	*159*		*40 - 215*	*10/08/25 14:13*	*10/09/25 08:21*	*1*
13C2 8:2 FTS	*157*		*40 - 275*	*10/08/25 14:13*	*10/09/25 08:21*	*1*
13C3 HFPO-DA	*81.1*		*40 - 130*	*10/08/25 14:13*	*10/09/25 08:21*	*1*
d7-N-MeFOSE-M	*50.6*		*20 - 130*	*10/08/25 14:13*	*10/09/25 08:21*	*1*
d9-N-EtFOSE-M	*38.4*		*15 - 130*	*10/08/25 14:13*	*10/09/25 08:21*	*1*
d5-NEtPFOSA	*55.9*		*10 - 130*	*10/08/25 14:13*	*10/09/25 08:21*	*1*
d3-NMePFOSA	*60.4*		*10 - 130*	*10/08/25 14:13*	*10/09/25 08:21*	*1*
13C2 PFDoA	*79.7*		*40 - 130*	*10/08/25 14:13*	*10/09/25 08:21*	*1*

Method: SW846 6020B - Metals (ICP/MS)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Aluminum	**5390**		16.7	4.6	mg/Kg	☼	10/09/25 16:40	10/10/25 19:42	1
Antimony	**3.1**		0.83	0.12	mg/Kg	☼	10/09/25 16:40	10/10/25 19:42	1
Arsenic	**8.4**		0.83	0.086	mg/Kg	☼	10/09/25 16:40	10/10/25 19:42	1
Barium	**41.6**		1.7	0.12	mg/Kg	☼	10/09/25 16:40	10/10/25 19:42	1

Client Sample ID: 48C_0-3

Date Collected: 10/06/25 08:20
Date Received: 10/06/25 15:30

Lab Sample ID: 460-336556-5

Matrix: Solid
Percent Solids: 92.4

Method: SW846 6020B - Metals (ICP/MS) (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Beryllium	0.48		0.33	0.018	mg/Kg	☼	10/09/25 16:40	10/10/25 19:42	1
Cadmium	0.56	J	0.83	0.094	mg/Kg	☼	10/09/25 16:40	10/10/25 19:42	1
Calcium	1670		83.3	8.1	mg/Kg	☼	10/09/25 16:40	10/10/25 19:42	1
Chromium	14.5		1.7	0.25	mg/Kg	☼	10/09/25 16:40	10/10/25 19:42	1
Cobalt	4.7		0.83	0.12	mg/Kg	☼	10/09/25 16:40	10/10/25 19:42	1
Copper	48.2		1.7	0.31	mg/Kg	☼	10/09/25 16:40	10/10/25 19:42	1
Iron	19100		50.0	6.4	mg/Kg	☼	10/09/25 16:40	10/10/25 19:42	1
Lead	161		0.50	0.17	mg/Kg	☼	10/09/25 16:40	10/10/25 19:42	1
Magnesium	1810		83.3	8.5	mg/Kg	☼	10/09/25 16:40	10/10/25 19:42	1
Manganese	119		3.3	0.34	mg/Kg	☼	10/09/25 16:40	10/10/25 19:42	1
Nickel	11.4		1.7	0.15	mg/Kg	☼	10/09/25 16:40	10/10/25 19:42	1
Potassium	1130		83.3	13.5	mg/Kg	☼	10/09/25 16:40	10/10/25 19:42	1
Selenium	0.31	J	1.0	0.11	mg/Kg	☼	10/09/25 16:40	10/10/25 19:42	1
Silver	0.40		0.33	0.074	mg/Kg	☼	10/09/25 16:40	10/10/25 19:42	1
Sodium	109		83.3	38.1	mg/Kg	☼	10/09/25 16:40	10/10/25 19:42	1
Thallium	0.088	J	0.33	0.034	mg/Kg	☼	10/09/25 16:40	10/10/25 19:42	1
Vanadium	29.4		1.7	0.17	mg/Kg	☼	10/09/25 16:40	10/10/25 19:42	1
Zinc	96.9		6.7	0.91	mg/Kg	☼	10/09/25 16:40	10/10/25 19:42	1

Method: SW846 7471B - Mercury (CVAA)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	0.044		0.017	0.0080	mg/Kg	☼	10/14/25 02:12	10/14/25 08:30	1

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Percent Moisture (EPA Moisture)	7.6		1.0	1.0	%			10/07/25 16:13	1
Percent Solids (EPA Moisture)	92.4		1.0	1.0	%			10/07/25 16:13	1

Client Sample ID: 48C_3-6

Date Collected: 10/06/25 08:25
Date Received: 10/06/25 15:30

Lab Sample ID: 460-336556-6

Matrix: Solid
Percent Solids: 93.0

Method: SW846 8270E - Semivolatile Organic Compounds (GC/MS)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1'-Biphenyl	0.35	U	0.35	0.012	mg/Kg	☼	10/07/25 21:44	10/08/25 13:44	1
1,2,4,5-Tetrachlorobenzene	0.35	U	0.35	0.011	mg/Kg	☼	10/07/25 21:44	10/08/25 13:44	1
1,4-Dioxane	0.035	U	0.035	0.031	mg/Kg	☼	10/07/25 21:44	10/08/25 13:44	1
2,2'-oxybis[1-chloropropane]	0.35	U	0.35	0.021	mg/Kg	☼	10/07/25 21:44	10/08/25 13:44	1
2,3,4,6-Tetrachlorophenol	0.35	U	0.35	0.024	mg/Kg	☼	10/07/25 21:44	10/08/25 13:44	1
2,4,5-Trichlorophenol	0.35	U	0.35	0.036	mg/Kg	☼	10/07/25 21:44	10/08/25 13:44	1
2,4,6-Trichlorophenol	0.14	U	0.14	0.046	mg/Kg	☼	10/07/25 21:44	10/08/25 13:44	1
2,4-Dichlorophenol	0.14	U	0.14	0.023	mg/Kg	☼	10/07/25 21:44	10/08/25 13:44	1
2,4-Dimethylphenol	0.35	U	0.35	0.042	mg/Kg	☼	10/07/25 21:44	10/08/25 13:44	1
2,4-Dinitrophenol	0.29	U	0.29	0.17	mg/Kg	☼	10/07/25 21:44	10/08/25 13:44	1
2,4-Dinitrotoluene	0.072	U	0.072	0.038	mg/Kg	☼	10/07/25 21:44	10/08/25 13:44	1
2,6-Dinitrotoluene	0.072	U	0.072	0.026	mg/Kg	☼	10/07/25 21:44	10/08/25 13:44	1
2-Chloronaphthalene	0.35	U	0.35	0.046	mg/Kg	☼	10/07/25 21:44	10/08/25 13:44	1
2-Chlorophenol	0.35	U	0.35	0.013	mg/Kg	☼	10/07/25 21:44	10/08/25 13:44	1
2-Methylnaphthalene	0.35	U	0.35	0.0099	mg/Kg	☼	10/07/25 21:44	10/08/25 13:44	1
2-Methylphenol	0.35	U	0.35	0.013	mg/Kg	☼	10/07/25 21:44	10/08/25 13:44	1

Client Sample ID: 48C_3-6
Date Collected: 10/06/25 08:25
Date Received: 10/06/25 15:30

Lab Sample ID: 460-336556-6
Matrix: Solid
Percent Solids: 93.0

Method: SW846 8270E - Semivolatile Organic Compounds (GC/MS) (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
2-Nitroaniline	0.35	U	0.35	0.027	mg/Kg	☼	10/07/25 21:44	10/08/25 13:44	1
2-Nitrophenol	0.35	U	0.35	0.036	mg/Kg	☼	10/07/25 21:44	10/08/25 13:44	1
3 & 4 Methylphenol	0.35	U	0.35	0.022	mg/Kg	☼	10/07/25 21:44	10/08/25 13:44	1
3,3'-Dichlorobenzidine	0.14	U	0.14	0.054	mg/Kg	☼	10/07/25 21:44	10/08/25 13:44	1
3-Nitroaniline	0.35	U	0.35	0.084	mg/Kg	☼	10/07/25 21:44	10/08/25 13:44	1
4,6-Dinitro-2-methylphenol	0.29	U	0.29	0.14	mg/Kg	☼	10/07/25 21:44	10/08/25 13:44	1
4-Bromophenyl phenyl ether	0.35	U	0.35	0.014	mg/Kg	☼	10/07/25 21:44	10/08/25 13:44	1
4-Chloro-3-methylphenol	0.35	U	0.35	0.020	mg/Kg	☼	10/07/25 21:44	10/08/25 13:44	1
4-Chloroaniline	0.35	U	0.35	0.063	mg/Kg	☼	10/07/25 21:44	10/08/25 13:44	1
4-Chlorophenyl phenyl ether	0.35	U	0.35	0.013	mg/Kg	☼	10/07/25 21:44	10/08/25 13:44	1
4-Methylphenol	0.35	U	0.35	0.022	mg/Kg	☼	10/07/25 21:44	10/08/25 13:44	1
4-Nitroaniline	0.35	U	0.35	0.090	mg/Kg	☼	10/07/25 21:44	10/08/25 13:44	1
4-Nitrophenol	0.72	U	0.72	0.058	mg/Kg	☼	10/07/25 21:44	10/08/25 13:44	1
Acenaphthene	0.35	U	0.35	0.010	mg/Kg	☼	10/07/25 21:44	10/08/25 13:44	1
Acenaphthylene	**0.025**	**J**	0.35	0.010	mg/Kg	☼	10/07/25 21:44	10/08/25 13:44	1
Acetophenone	0.35	U	0.35	0.017	mg/Kg	☼	10/07/25 21:44	10/08/25 13:44	1
Anthracene	**0.063**	**J**	0.35	0.011	mg/Kg	☼	10/07/25 21:44	10/08/25 13:44	1
Atrazine	0.14	U	0.14	0.021	mg/Kg	☼	10/07/25 21:44	10/08/25 13:44	1
Benzaldehyde	0.35	U	0.35	0.059	mg/Kg	☼	10/07/25 21:44	10/08/25 13:44	1
Benzo[a]anthracene	**0.044**		0.035	0.027	mg/Kg	☼	10/07/25 21:44	10/08/25 13:44	1
Benzo[a]pyrene	**0.052**		0.035	0.0095	mg/Kg	☼	10/07/25 21:44	10/08/25 13:44	1
Benzo[b]fluoranthene	**0.061**		0.035	0.0092	mg/Kg	☼	10/07/25 21:44	10/08/25 13:44	1
Benzo[g,h,i]perylene	**0.052**	**J**	0.35	0.010	mg/Kg	☼	10/07/25 21:44	10/08/25 13:44	1
Benzo[k]fluoranthene	**0.025**	**J**	0.035	0.0070	mg/Kg	☼	10/07/25 21:44	10/08/25 13:44	1
Bis(2-chloroethoxy)methane	0.35	U	0.35	0.066	mg/Kg	☼	10/07/25 21:44	10/08/25 13:44	1
Bis(2-chloroethyl)ether	0.035	U	0.035	0.012	mg/Kg	☼	10/07/25 21:44	10/08/25 13:44	1
Bis(2-ethylhexyl) phthalate	0.35	U	0.35	0.019	mg/Kg	☼	10/07/25 21:44	10/08/25 13:44	1
Butyl benzyl phthalate	0.35	U	0.35	0.017	mg/Kg	☼	10/07/25 21:44	10/08/25 13:44	1
Caprolactam	0.35	U	0.35	0.055	mg/Kg	☼	10/07/25 21:44	10/08/25 13:44	1
Carbazole	**0.018**	**J**	0.35	0.014	mg/Kg	☼	10/07/25 21:44	10/08/25 13:44	1
Chrysene	**0.049**	**J**	0.35	0.015	mg/Kg	☼	10/07/25 21:44	10/08/25 13:44	1
Dibenz(a,h)anthracene	0.035	U	0.035	0.015	mg/Kg	☼	10/07/25 21:44	10/08/25 13:44	1
Dibenzofuran	0.35	U	0.35	0.012	mg/Kg	☼	10/07/25 21:44	10/08/25 13:44	1
Diethyl phthalate	0.35	U	0.35	0.011	mg/Kg	☼	10/07/25 21:44	10/08/25 13:44	1
Dimethyl phthalate	0.35	U	0.35	0.081	mg/Kg	☼	10/07/25 21:44	10/08/25 13:44	1
Di-n-butyl phthalate	0.35	U	0.35	0.013	mg/Kg	☼	10/07/25 21:44	10/08/25 13:44	1
Di-n-octyl phthalate	0.35	U	0.35	0.019	mg/Kg	☼	10/07/25 21:44	10/08/25 13:44	1
Fluoranthene	**0.089**	**J**	0.35	0.012	mg/Kg	☼	10/07/25 21:44	10/08/25 13:44	1
Fluorene	0.35	U	0.35	0.010	mg/Kg	☼	10/07/25 21:44	10/08/25 13:44	1
Hexachlorobenzene	0.035	U	0.035	0.017	mg/Kg	☼	10/07/25 21:44	10/08/25 13:44	1
Hexachlorobutadiene	0.072	U	0.072	0.0075	mg/Kg	☼	10/07/25 21:44	10/08/25 13:44	1
Hexachlorocyclopentadiene	0.35	U	0.35	0.031	mg/Kg	☼	10/07/25 21:44	10/08/25 13:44	1
Hexachloroethane	0.035	U	0.035	0.012	mg/Kg	☼	10/07/25 21:44	10/08/25 13:44	1
Indeno[1,2,3-cd]pyrene	**0.042**		0.035	0.014	mg/Kg	☼	10/07/25 21:44	10/08/25 13:44	1
Isophorone	0.14	U	0.14	0.10	mg/Kg	☼	10/07/25 21:44	10/08/25 13:44	1
Naphthalene	**0.0062**	**J**	0.35	0.0061	mg/Kg	☼	10/07/25 21:44	10/08/25 13:44	1
Nitrobenzene	0.035	U	0.035	0.020	mg/Kg	☼	10/07/25 21:44	10/08/25 13:44	1
N-Nitrosodi-n-propylamine	0.035	U	0.035	0.026	mg/Kg	☼	10/07/25 21:44	10/08/25 13:44	1
N-Nitrosodiphenylamine	0.35	U	0.35	0.029	mg/Kg	☼	10/07/25 21:44	10/08/25 13:44	1

Client Sample ID: 48C_3-6
Date Collected: 10/06/25 08:25
Date Received: 10/06/25 15:30

Lab Sample ID: 460-336556-6
Matrix: Solid
Percent Solids: 93.0

Method: SW846 8270E - Semivolatile Organic Compounds (GC/MS) (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Pentachlorophenol	0.29	U	0.29	0.073	mg/Kg	☼	10/07/25 21:44	10/08/25 13:44	1
Phenanthrene	**0.059**	**J**	0.35	0.014	mg/Kg	☼	10/07/25 21:44	10/08/25 13:44	1
Phenol	0.35	U	0.35	0.013	mg/Kg	☼	10/07/25 21:44	10/08/25 13:44	1
Pyrene	**0.074**	**J**	0.35	0.0088	mg/Kg	☼	10/07/25 21:44	10/08/25 13:44	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
2,4,6-Tribromophenol (Surr)	*60*		*18 - 137*	*10/07/25 21:44*	*10/08/25 13:44*	*1*
2-Fluorobiphenyl	*59*		*33 - 117*	*10/07/25 21:44*	*10/08/25 13:44*	*1*
2-Fluorophenol (Surr)	*61*		*24 - 120*	*10/07/25 21:44*	*10/08/25 13:44*	*1*
Nitrobenzene-d5 (Surr)	*53*		*27 - 120*	*10/07/25 21:44*	*10/08/25 13:44*	*1*
Phenol-d5 (Surr)	*56*		*28 - 118*	*10/07/25 21:44*	*10/08/25 13:44*	*1*
Terphenyl-d14 (Surr)	*62*		*33 - 124*	*10/07/25 21:44*	*10/08/25 13:44*	*1*

Method: SW846 8081B - Organochlorine Pesticides (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
4,4'-DDD	0.0072	U	0.0072	0.0012	mg/Kg	☼	10/07/25 17:46	10/08/25 10:12	1
4,4'-DDE	0.0072	U	0.0072	0.00085	mg/Kg	☼	10/07/25 17:46	10/08/25 10:12	1
4,4'-DDT	0.0072	U	0.0072	0.0013	mg/Kg	☼	10/07/25 17:46	10/08/25 10:12	1
Aldrin	0.0072	U	0.0072	0.0011	mg/Kg	☼	10/07/25 17:46	10/08/25 10:12	1
alpha-BHC	0.0022	U	0.0022	0.00073	mg/Kg	☼	10/07/25 17:46	10/08/25 10:12	1
beta-BHC	0.0022	U	0.0022	0.00081	mg/Kg	☼	10/07/25 17:46	10/08/25 10:12	1
Chlordane (technical)	0.072	U	0.072	0.017	mg/Kg	☼	10/07/25 17:46	10/08/25 10:12	1
cis-Chlordane	0.0072	U	0.0072	0.0011	mg/Kg	☼	10/07/25 17:46	10/08/25 10:12	1
delta-BHC	0.0022	U	0.0022	0.00044	mg/Kg	☼	10/07/25 17:46	10/08/25 10:12	1
Dieldrin	0.0022	U	0.0022	0.00094	mg/Kg	☼	10/07/25 17:46	10/08/25 10:12	1
Endosulfan I	0.0072	U	0.0072	0.0011	mg/Kg	☼	10/07/25 17:46	10/08/25 10:12	1
Endosulfan II	0.0072	U	0.0072	0.0018	mg/Kg	☼	10/07/25 17:46	10/08/25 10:12	1
Endosulfan sulfate	0.0072	U	0.0072	0.00090	mg/Kg	☼	10/07/25 17:46	10/08/25 10:12	1
Endrin	0.0072	U	0.0072	0.0010	mg/Kg	☼	10/07/25 17:46	10/08/25 10:12	1
Endrin aldehyde	0.0072	U	0.0072	0.0017	mg/Kg	☼	10/07/25 17:46	10/08/25 10:12	1
Endrin ketone	0.0072	U	0.0072	0.0014	mg/Kg	☼	10/07/25 17:46	10/08/25 10:12	1
gamma-BHC (Lindane)	0.0022	U	0.0022	0.00067	mg/Kg	☼	10/07/25 17:46	10/08/25 10:12	1
Heptachlor	0.0072	U	0.0072	0.00085	mg/Kg	☼	10/07/25 17:46	10/08/25 10:12	1
Heptachlor epoxide	0.0072	U	0.0072	0.0011	mg/Kg	☼	10/07/25 17:46	10/08/25 10:12	1
Methoxychlor	0.0072	U	0.0072	0.0016	mg/Kg	☼	10/07/25 17:46	10/08/25 10:12	1
Toxaphene	0.072	U	0.072	0.026	mg/Kg	☼	10/07/25 17:46	10/08/25 10:12	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
DCB Decachlorobiphenyl	*120*		*10 - 150*	*10/07/25 17:46*	*10/08/25 10:12*	*1*
DCB Decachlorobiphenyl	*120*		*10 - 150*	*10/07/25 17:46*	*10/08/25 10:12*	*1*
Tetrachloro-m-xylene	*104*		*14 - 150*	*10/07/25 17:46*	*10/08/25 10:12*	*1*
Tetrachloro-m-xylene	*102*		*14 - 150*	*10/07/25 17:46*	*10/08/25 10:12*	*1*

Method: SW846 8082A - Polychlorinated Biphenyls (PCBs) by Gas Chromatography

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Aroclor 1016	0.072	U	0.072	0.019	mg/Kg	☼	10/07/25 17:40	10/08/25 11:35	1
Aroclor 1221	0.072	U	0.072	0.019	mg/Kg	☼	10/07/25 17:40	10/08/25 11:35	1
Aroclor 1232	0.072	U	0.072	0.019	mg/Kg	☼	10/07/25 17:40	10/08/25 11:35	1
Aroclor 1242	0.072	U	0.072	0.019	mg/Kg	☼	10/07/25 17:40	10/08/25 11:35	1
Aroclor 1248	0.072	U	0.072	0.019	mg/Kg	☼	10/07/25 17:40	10/08/25 11:35	1

Client Sample ID: 48C_3-6
Date Collected: 10/06/25 08:25
Date Received: 10/06/25 15:30

Lab Sample ID: 460-336556-6
Matrix: Solid
Percent Solids: 93.0

Method: SW846 8082A - Polychlorinated Biphenyls (PCBs) by Gas Chromatography (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Aroclor 1254	0.072	U	0.072	0.019	mg/Kg	☼	10/07/25 17:40	10/08/25 11:35	1
Aroclor 1260	0.072	U	0.072	0.019	mg/Kg	☼	10/07/25 17:40	10/08/25 11:35	1
Aroclor-1262	0.072	U	0.072	0.019	mg/Kg	☼	10/07/25 17:40	10/08/25 11:35	1
Aroclor 1268	0.072	U	0.072	0.019	mg/Kg	☼	10/07/25 17:40	10/08/25 11:35	1
Polychlorinated biphenyls, Total	0.072	U	0.072	0.019	mg/Kg	☼	10/07/25 17:40	10/08/25 11:35	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
DCB Decachlorobiphenyl	*101*		*10 - 150*	*10/07/25 17:40*	*10/08/25 11:35*	*1*
DCB Decachlorobiphenyl	*115*		*10 - 150*	*10/07/25 17:40*	*10/08/25 11:35*	*1*
Tetrachloro-m-xylene	*82*		*10 - 150*	*10/07/25 17:40*	*10/08/25 11:35*	*1*
Tetrachloro-m-xylene	*85*		*10 - 150*	*10/07/25 17:40*	*10/08/25 11:35*	*1*

Method: EPA 1633A - Per- and Polyfluoroalkyl Substances by LC/MS/MS, 1633A

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Perfluorobutanoic acid (PFBA)	0.38	U	0.38	0.096	ug/Kg	☼	10/08/25 14:13	10/09/25 08:34	1
Perfluoropentanoic acid (PFPeA)	**0.27**		0.19	0.096	ug/Kg	☼	10/08/25 14:13	10/09/25 08:34	1
Perfluorohexanoic acid (PFHxA)	**0.21**		0.19	0.096	ug/Kg	☼	10/08/25 14:13	10/09/25 08:34	1
Perfluoroheptanoic acid (PFHpA)	**0.25**		0.19	0.096	ug/Kg	☼	10/08/25 14:13	10/09/25 08:34	1
Perfluorooctanoic acid (PFOA)	**0.25**		0.19	0.057	ug/Kg	☼	10/08/25 14:13	10/09/25 08:34	1
Perfluorononanoic acid (PFNA)	**0.82**		0.19	0.096	ug/Kg	☼	10/08/25 14:13	10/09/25 08:34	1
Perfluorodecanoic acid (PFDA)	**2.30**		0.19	0.057	ug/Kg	☼	10/08/25 14:13	10/09/25 08:34	1
Perfluoroundecanoic acid (PFUnA)	**11.3**		0.19	0.096	ug/Kg	☼	10/08/25 14:13	10/09/25 08:34	1
Perfluorododecanoic acid (PFDoA)	**1.99**		0.19	0.096	ug/Kg	☼	10/08/25 14:13	10/09/25 08:34	1
Perfluorotridecanoic acid (PFTrDA)	**7.68**		0.19	0.096	ug/Kg	☼	10/08/25 14:13	10/09/25 08:34	1
Perfluorotetradecanoic acid (PFTeDA)	**0.43**		0.19	0.096	ug/Kg	☼	10/08/25 14:13	10/09/25 08:34	1
Perfluorobutanesulfonic acid (PFBS)	0.19	U	0.19	0.096	ug/Kg	☼	10/08/25 14:13	10/09/25 08:34	1
Perfluoropentanesulfonic acid (PFPeS)	0.19	U	0.19	0.096	ug/Kg	☼	10/08/25 14:13	10/09/25 08:34	1
Perfluorohexanesulfonic acid (PFHxS)	0.19	U	0.19	0.096	ug/Kg	☼	10/08/25 14:13	10/09/25 08:34	1
Perfluoroheptanesulfonic acid (PFHpS)	0.19	U	0.19	0.096	ug/Kg	☼	10/08/25 14:13	10/09/25 08:34	1
Perfluorooctanesulfonic acid (PFOS)	**0.45**		0.19	0.096	ug/Kg	☼	10/08/25 14:13	10/09/25 08:34	1
Perfluorononanesulfonic acid (PFNS)	0.19	U	0.19	0.096	ug/Kg	☼	10/08/25 14:13	10/09/25 08:34	1
Perfluorodecanesulfonic acid (PFDS)	0.19	U	0.19	0.096	ug/Kg	☼	10/08/25 14:13	10/09/25 08:34	1
Perfluorododecanesulfonic acid (PFDoS)	0.19	U	0.19	0.096	ug/Kg	☼	10/08/25 14:13	10/09/25 08:34	1
1H,1H,2H,2H-Perfluorohexane sulfonic acid (4:2 FTS)	0.38	U	0.38	0.19	ug/Kg	☼	10/08/25 14:13	10/09/25 08:34	1
1H,1H,2H,2H-Perfluorooctane sulfonic acid (6:2 FTS)	**0.30**	**J**	0.38	0.19	ug/Kg	☼	10/08/25 14:13	10/09/25 08:34	1
1H,1H,2H,2H-Perfluorodecane sulfonic acid (8:2 FTS)	**0.99**		0.38	0.19	ug/Kg	☼	10/08/25 14:13	10/09/25 08:34	1
Perfluorooctanesulfonamide (PFOSA)	0.19	U	0.19	0.096	ug/Kg	☼	10/08/25 14:13	10/09/25 08:34	1
N-methylperfluorooctane sulfonamide (NMeFOSA)	0.19	U	0.19	0.096	ug/Kg	☼	10/08/25 14:13	10/09/25 08:34	1
N-ethylperfluorooctane sulfonamide (NEtFOSA)	0.19	U	0.19	0.096	ug/Kg	☼	10/08/25 14:13	10/09/25 08:34	1

Client Sample ID: 48C_3-6
Date Collected: 10/06/25 08:25
Date Received: 10/06/25 15:30

Lab Sample ID: 460-336556-6
Matrix: Solid
Percent Solids: 93.0

Method: EPA 1633A - Per- and Polyfluoroalkyl Substances by LC/MS/MS, 1633A (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
N-methylperfluorooctanesulfonamidoacetic acid (NMeFOSAA)	0.19	U	0.19	0.096	ug/Kg	☼	10/08/25 14:13	10/09/25 08:34	1
N-ethylperfluorooctanesulfonamidoacetic acid (NEtFOSAA)	0.19	U	0.19	0.096	ug/Kg	☼	10/08/25 14:13	10/09/25 08:34	1
N-methylperfluorooctane sulfonamidoethanol (NMeFOSE)	0.96	U	0.96	0.48	ug/Kg	☼	10/08/25 14:13	10/09/25 08:34	1
N-ethylperfluorooctane sulfonamidoethanol (NEtFOSE)	0.96	U	0.96	0.48	ug/Kg	☼	10/08/25 14:13	10/09/25 08:34	1
Hexafluoropropylene Oxide Dimer Acid (HFPO-DA)	0.19	U	0.19	0.096	ug/Kg	☼	10/08/25 14:13	10/09/25 08:34	1
4,8-Dioxa-3H-perfluorononanoic acid (ADONA)	0.19	U	0.19	0.096	ug/Kg	☼	10/08/25 14:13	10/09/25 08:34	1
Perfluoro-3-methoxypropanoic acid (PFMPA)	0.19	U	0.19	0.096	ug/Kg	☼	10/08/25 14:13	10/09/25 08:34	1
Perfluoro-4-methoxybutanoic acid (PFMBA)	0.19	U	0.19	0.096	ug/Kg	☼	10/08/25 14:13	10/09/25 08:34	1
Nonafluoro-3,6-dioxaheptanoic acid (NFDHA)	0.19	U	0.19	0.096	ug/Kg	☼	10/08/25 14:13	10/09/25 08:34	1
9-Chlorohexadecafluoro-3-oxanonane-1-sulfonic acid (9Cl-PF3ONS)	0.19	U	0.19	0.096	ug/Kg	☼	10/08/25 14:13	10/09/25 08:34	1
11-Chloroeicosafluoro-3-oxaundecane-1-sulfonic acid (11Cl-PF3OUdS)	0.19	U	0.19	0.096	ug/Kg	☼	10/08/25 14:13	10/09/25 08:34	1
Perfluoro (2-ethoxyethane) sulfonic acid (PFEESA)	0.19	U	0.19	0.096	ug/Kg	☼	10/08/25 14:13	10/09/25 08:34	1
3-Perfluoropropylpropanoic acid (3:3 FTCA)	0.38	U	0.38	0.19	ug/Kg	☼	10/08/25 14:13	10/09/25 08:34	1
3-Perfluoropentylpropanoic acid (5:3 FTCA)	0.96	U	0.96	0.48	ug/Kg	☼	10/08/25 14:13	10/09/25 08:34	1
3-Perfluoroheptylpropanoic acid (7:3 FTCA)	0.96	U	0.96	0.48	ug/Kg	☼	10/08/25 14:13	10/09/25 08:34	1

Isotope Dilution	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
13C4 PFBA	*98.5*		*8 - 130*	*10/08/25 14:13*	*10/09/25 08:34*	*1*
13C5 PFPeA	*90.8*		*35 - 130*	*10/08/25 14:13*	*10/09/25 08:34*	*1*
13C5 PFHxA	*88.4*		*40 - 130*	*10/08/25 14:13*	*10/09/25 08:34*	*1*
13C4 PFHpA	*97.8*		*40 - 130*	*10/08/25 14:13*	*10/09/25 08:34*	*1*
13C8 PFOA	*93.4*		*40 - 130*	*10/08/25 14:13*	*10/09/25 08:34*	*1*
13C9 PFNA	*92.0*		*40 - 130*	*10/08/25 14:13*	*10/09/25 08:34*	*1*
13C6 PFDA	*89.3*		*40 - 130*	*10/08/25 14:13*	*10/09/25 08:34*	*1*
13C7 PFUnA	*91.9*		*40 - 130*	*10/08/25 14:13*	*10/09/25 08:34*	*1*
13C2 PFTeDA	*87.1*		*20 - 130*	*10/08/25 14:13*	*10/09/25 08:34*	*1*
13C3 PFBS	*97.0*		*40 - 135*	*10/08/25 14:13*	*10/09/25 08:34*	*1*
13C3 PFHxS	*90.7*		*40 - 130*	*10/08/25 14:13*	*10/09/25 08:34*	*1*
13C8 PFOS	*89.4*		*40 - 130*	*10/08/25 14:13*	*10/09/25 08:34*	*1*
13C8 FOSA	*98.7*		*40 - 130*	*10/08/25 14:13*	*10/09/25 08:34*	*1*
d3-NMeFOSAA	*86.7*		*40 - 135*	*10/08/25 14:13*	*10/09/25 08:34*	*1*
d5-NEtFOSAA	*105*		*40 - 150*	*10/08/25 14:13*	*10/09/25 08:34*	*1*
13C2 4:2 FTS	*202*	*	*40 - 165*	*10/08/25 14:13*	*10/09/25 08:34*	*1*
13C2 6:2 FTS	*205*		*40 - 215*	*10/08/25 14:13*	*10/09/25 08:34*	*1*
13C2 8:2 FTS	*199*		*40 - 275*	*10/08/25 14:13*	*10/09/25 08:34*	*1*
13C3 HFPO-DA	*86.6*		*40 - 130*	*10/08/25 14:13*	*10/09/25 08:34*	*1*
d7-N-MeFOSE-M	*69.8*		*20 - 130*	*10/08/25 14:13*	*10/09/25 08:34*	*1*
d9-N-EtFOSE-M	*54.9*		*15 - 130*	*10/08/25 14:13*	*10/09/25 08:34*	*1*
d5-NEtPFOSA	*56.2*		*10 - 130*	*10/08/25 14:13*	*10/09/25 08:34*	*1*

Client Sample ID: 48C_3-6

Date Collected: 10/06/25 08:25
Date Received: 10/06/25 15:30

Lab Sample ID: 460-336556-6

Matrix: Solid
Percent Solids: 93.0

Method: EPA 1633A - Per- and Polyfluoroalkyl Substances by LC/MS/MS, 1633A (Continued)

Isotope Dilution	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
d3-NMePFOSA	64.8		10 - 130	10/08/25 14:13	10/09/25 08:34	1
13C2 PFDoA	88.7		40 - 130	10/08/25 14:13	10/09/25 08:34	1

Method: SW846 6020B - Metals (ICP/MS)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Aluminum	4370		15.8	4.3	mg/Kg	☼	10/09/25 16:40	10/10/25 20:11	1
Antimony	1.7		0.79	0.12	mg/Kg	☼	10/09/25 16:40	10/10/25 20:11	1
Arsenic	6.4		0.79	0.081	mg/Kg	☼	10/09/25 16:40	10/10/25 20:11	1
Barium	42.1		1.6	0.11	mg/Kg	☼	10/09/25 16:40	10/10/25 20:11	1
Beryllium	0.41		0.32	0.017	mg/Kg	☼	10/09/25 16:40	10/10/25 20:11	1
Cadmium	0.36	J	0.79	0.089	mg/Kg	☼	10/09/25 16:40	10/10/25 20:11	1
Calcium	30500		79.1	7.7	mg/Kg	☼	10/09/25 16:40	10/10/25 20:11	1
Chromium	13.9		1.6	0.23	mg/Kg	☼	10/09/25 16:40	10/10/25 20:11	1
Cobalt	4.2		0.79	0.12	mg/Kg	☼	10/09/25 16:40	10/10/25 20:11	1
Copper	32.6		1.6	0.29	mg/Kg	☼	10/09/25 16:40	10/10/25 20:11	1
Iron	15900		47.4	6.0	mg/Kg	☼	10/09/25 16:40	10/10/25 20:11	1
Lead	145		0.47	0.16	mg/Kg	☼	10/09/25 16:40	10/10/25 20:11	1
Magnesium	17700		79.1	8.1	mg/Kg	☼	10/09/25 16:40	10/10/25 20:11	1
Manganese	548		3.2	0.32	mg/Kg	☼	10/09/25 16:40	10/10/25 20:11	1
Nickel	8.9		1.6	0.14	mg/Kg	☼	10/09/25 16:40	10/10/25 20:11	1
Potassium	993		79.1	12.8	mg/Kg	☼	10/09/25 16:40	10/10/25 20:11	1
Selenium	0.23	J	0.99	0.10	mg/Kg	☼	10/09/25 16:40	10/10/25 20:11	1
Silver	0.26	J	0.32	0.070	mg/Kg	☼	10/09/25 16:40	10/10/25 20:11	1
Sodium	85.4		79.1	36.1	mg/Kg	☼	10/09/25 16:40	10/10/25 20:11	1
Thallium	0.066	J	0.32	0.032	mg/Kg	☼	10/09/25 16:40	10/10/25 20:11	1
Vanadium	20.1		1.6	0.16	mg/Kg	☼	10/09/25 16:40	10/10/25 20:11	1
Zinc	64.4		6.3	0.86	mg/Kg	☼	10/09/25 16:40	10/10/25 20:11	1

Method: SW846 7471B - Mercury (CVAA)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	0.031		0.018	0.0083	mg/Kg	☼	10/14/25 02:12	10/14/25 08:33	1

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Percent Moisture (EPA Moisture)	7.0		1.0	1.0	%			10/07/25 16:13	1
Percent Solids (EPA Moisture)	93.0		1.0	1.0	%			10/07/25 16:13	1

Client Sample ID: 48D_0-3

Date Collected: 10/06/25 08:30
Date Received: 10/06/25 15:30

Lab Sample ID: 460-336556-7

Matrix: Solid
Percent Solids: 93.5

Method: SW846 8270E - Semivolatile Organic Compounds (GC/MS)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1'-Biphenyl	0.35	U	0.35	0.012	mg/Kg	☼	10/07/25 21:44	10/08/25 10:16	1
1,2,4,5-Tetrachlorobenzene	0.35	U	0.35	0.011	mg/Kg	☼	10/07/25 21:44	10/08/25 10:16	1
1,4-Dioxane	0.035	U	0.035	0.031	mg/Kg	☼	10/07/25 21:44	10/08/25 10:16	1
2,2'-oxybis[1-chloropropane]	0.35	U	0.35	0.021	mg/Kg	☼	10/07/25 21:44	10/08/25 10:16	1
2,3,4,6-Tetrachlorophenol	0.35	U	0.35	0.024	mg/Kg	☼	10/07/25 21:44	10/08/25 10:16	1
2,4,5-Trichlorophenol	0.35	U	0.35	0.036	mg/Kg	☼	10/07/25 21:44	10/08/25 10:16	1
2,4,6-Trichlorophenol	0.14	U	0.14	0.045	mg/Kg	☼	10/07/25 21:44	10/08/25 10:16	1
2,4-Dichlorophenol	0.14	U	0.14	0.023	mg/Kg	☼	10/07/25 21:44	10/08/25 10:16	1

Client Sample ID: 48D_0-3
Date Collected: 10/06/25 08:30
Date Received: 10/06/25 15:30

Lab Sample ID: 460-336556-7
Matrix: Solid
Percent Solids: 93.5

Method: SW846 8270E - Semivolatile Organic Compounds (GC/MS) (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
2,4-Dimethylphenol	0.35	U	0.35	0.042	mg/Kg	☼	10/07/25 21:44	10/08/25 10:16	1
2,4-Dinitrophenol	0.28	U	0.28	0.17	mg/Kg	☼	10/07/25 21:44	10/08/25 10:16	1
2,4-Dinitrotoluene	0.071	U	0.071	0.038	mg/Kg	☼	10/07/25 21:44	10/08/25 10:16	1
2,6-Dinitrotoluene	0.071	U	0.071	0.025	mg/Kg	☼	10/07/25 21:44	10/08/25 10:16	1
2-Chloronaphthalene	0.35	U	0.35	0.045	mg/Kg	☼	10/07/25 21:44	10/08/25 10:16	1
2-Chlorophenol	0.35	U	0.35	0.013	mg/Kg	☼	10/07/25 21:44	10/08/25 10:16	1
2-Methylnaphthalene	0.35	U	0.35	0.0099	mg/Kg	☼	10/07/25 21:44	10/08/25 10:16	1
2-Methylphenol	0.35	U	0.35	0.013	mg/Kg	☼	10/07/25 21:44	10/08/25 10:16	1
2-Nitroaniline	0.35	U	0.35	0.027	mg/Kg	☼	10/07/25 21:44	10/08/25 10:16	1
2-Nitrophenol	0.35	U	0.35	0.035	mg/Kg	☼	10/07/25 21:44	10/08/25 10:16	1
3 & 4 Methylphenol	0.35	U	0.35	0.022	mg/Kg	☼	10/07/25 21:44	10/08/25 10:16	1
3,3'-Dichlorobenzidine	0.14	U	0.14	0.053	mg/Kg	☼	10/07/25 21:44	10/08/25 10:16	1
3-Nitroaniline	0.35	U	0.35	0.084	mg/Kg	☼	10/07/25 21:44	10/08/25 10:16	1
4,6-Dinitro-2-methylphenol	0.28	U	0.28	0.14	mg/Kg	☼	10/07/25 21:44	10/08/25 10:16	1
4-Bromophenyl phenyl ether	0.35	U	0.35	0.014	mg/Kg	☼	10/07/25 21:44	10/08/25 10:16	1
4-Chloro-3-methylphenol	0.35	U	0.35	0.020	mg/Kg	☼	10/07/25 21:44	10/08/25 10:16	1
4-Chloroaniline	0.35	U	0.35	0.063	mg/Kg	☼	10/07/25 21:44	10/08/25 10:16	1
4-Chlorophenyl phenyl ether	0.35	U	0.35	0.012	mg/Kg	☼	10/07/25 21:44	10/08/25 10:16	1
4-Methylphenol	0.35	U	0.35	0.022	mg/Kg	☼	10/07/25 21:44	10/08/25 10:16	1
4-Nitroaniline	0.35	U	0.35	0.089	mg/Kg	☼	10/07/25 21:44	10/08/25 10:16	1
4-Nitrophenol	0.71	U	0.71	0.057	mg/Kg	☼	10/07/25 21:44	10/08/25 10:16	1
Acenaphthene	**0.010**	**J**	0.35	0.010	mg/Kg	☼	10/07/25 21:44	10/08/25 10:16	1
Acenaphthylene	**0.047**	**J**	0.35	0.010	mg/Kg	☼	10/07/25 21:44	10/08/25 10:16	1
Acetophenone	0.35	U	0.35	0.017	mg/Kg	☼	10/07/25 21:44	10/08/25 10:16	1
Anthracene	**0.068**	**J**	0.35	0.011	mg/Kg	☼	10/07/25 21:44	10/08/25 10:16	1
Atrazine	0.14	U	0.14	0.021	mg/Kg	☼	10/07/25 21:44	10/08/25 10:16	1
Benzaldehyde	0.35	U	0.35	0.058	mg/Kg	☼	10/07/25 21:44	10/08/25 10:16	1
Benzo[a]anthracene	**0.098**		0.035	0.027	mg/Kg	☼	10/07/25 21:44	10/08/25 10:16	1
Benzo[a]pyrene	**0.11**		0.035	0.0094	mg/Kg	☼	10/07/25 21:44	10/08/25 10:16	1
Benzo[b]fluoranthene	**0.14**		0.035	0.0091	mg/Kg	☼	10/07/25 21:44	10/08/25 10:16	1
Benzo[g,h,i]perylene	**0.10**	**J**	0.35	0.010	mg/Kg	☼	10/07/25 21:44	10/08/25 10:16	1
Benzo[k]fluoranthene	**0.051**		0.035	0.0069	mg/Kg	☼	10/07/25 21:44	10/08/25 10:16	1
Bis(2-chloroethoxy)methane	0.35	U	0.35	0.065	mg/Kg	☼	10/07/25 21:44	10/08/25 10:16	1
Bis(2-chloroethyl)ether	0.035	U	0.035	0.012	mg/Kg	☼	10/07/25 21:44	10/08/25 10:16	1
Bis(2-ethylhexyl) phthalate	0.35	U	0.35	0.019	mg/Kg	☼	10/07/25 21:44	10/08/25 10:16	1
Butyl benzyl phthalate	0.35	U	0.35	0.017	mg/Kg	☼	10/07/25 21:44	10/08/25 10:16	1
Caprolactam	0.35	U	0.35	0.055	mg/Kg	☼	10/07/25 21:44	10/08/25 10:16	1
Carbazole	**0.033**	**J**	0.35	0.013	mg/Kg	☼	10/07/25 21:44	10/08/25 10:16	1
Chrysene	**0.10**	**J**	0.35	0.015	mg/Kg	☼	10/07/25 21:44	10/08/25 10:16	1
Dibenz(a,h)anthracene	**0.019**	**J**	0.035	0.015	mg/Kg	☼	10/07/25 21:44	10/08/25 10:16	1
Dibenzofuran	0.35	U	0.35	0.012	mg/Kg	☼	10/07/25 21:44	10/08/25 10:16	1
Diethyl phthalate	0.35	U	0.35	0.011	mg/Kg	☼	10/07/25 21:44	10/08/25 10:16	1
Dimethyl phthalate	0.35	U	0.35	0.080	mg/Kg	☼	10/07/25 21:44	10/08/25 10:16	1
Di-n-butyl phthalate	0.35	U	0.35	0.013	mg/Kg	☼	10/07/25 21:44	10/08/25 10:16	1
Di-n-octyl phthalate	0.35	U	0.35	0.019	mg/Kg	☼	10/07/25 21:44	10/08/25 10:16	1
Fluoranthene	**0.22**	**J**	0.35	0.012	mg/Kg	☼	10/07/25 21:44	10/08/25 10:16	1
Fluorene	**0.014**	**J**	0.35	0.010	mg/Kg	☼	10/07/25 21:44	10/08/25 10:16	1
Hexachlorobenzene	0.035	U	0.035	0.017	mg/Kg	☼	10/07/25 21:44	10/08/25 10:16	1
Hexachlorobutadiene	0.071	U	0.071	0.0075	mg/Kg	☼	10/07/25 21:44	10/08/25 10:16	1

Client Sample ID: 48D_0-3
Date Collected: 10/06/25 08:30
Date Received: 10/06/25 15:30

Lab Sample ID: 460-336556-7
Matrix: Solid
Percent Solids: 93.5

Method: SW846 8270E - Semivolatile Organic Compounds (GC/MS) (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Hexachlorocyclopentadiene	0.35	U	0.35	0.031	mg/Kg	☼	10/07/25 21:44	10/08/25 10:16	1
Hexachloroethane	0.035	U	0.035	0.012	mg/Kg	☼	10/07/25 21:44	10/08/25 10:16	1
Indeno[1,2,3-cd]pyrene	**0.088**		0.035	0.014	mg/Kg	☼	10/07/25 21:44	10/08/25 10:16	1
Isophorone	0.14	U	0.14	0.10	mg/Kg	☼	10/07/25 21:44	10/08/25 10:16	1
Naphthalene	0.35	U	0.35	0.0061	mg/Kg	☼	10/07/25 21:44	10/08/25 10:16	1
Nitrobenzene	0.035	U	0.035	0.020	mg/Kg	☼	10/07/25 21:44	10/08/25 10:16	1
N-Nitrosodi-n-propylamine	0.035	U	0.035	0.026	mg/Kg	☼	10/07/25 21:44	10/08/25 10:16	1
N-Nitrosodiphenylamine	0.35	U	0.35	0.029	mg/Kg	☼	10/07/25 21:44	10/08/25 10:16	1
Pentachlorophenol	0.28	U	0.28	0.072	mg/Kg	☼	10/07/25 21:44	10/08/25 10:16	1
Phenanthrene	**0.14**	**J**	0.35	0.014	mg/Kg	☼	10/07/25 21:44	10/08/25 10:16	1
Phenol	0.35	U	0.35	0.013	mg/Kg	☼	10/07/25 21:44	10/08/25 10:16	1
Pyrene	**0.17**	**J**	0.35	0.0088	mg/Kg	☼	10/07/25 21:44	10/08/25 10:16	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
2,4,6-Tribromophenol (Surr)	*63*		*18 - 137*	*10/07/25 21:44*	*10/08/25 10:16*	*1*
2-Fluorobiphenyl	*58*		*33 - 117*	*10/07/25 21:44*	*10/08/25 10:16*	*1*
2-Fluorophenol (Surr)	*55*		*24 - 120*	*10/07/25 21:44*	*10/08/25 10:16*	*1*
Nitrobenzene-d5 (Surr)	*51*		*27 - 120*	*10/07/25 21:44*	*10/08/25 10:16*	*1*
Phenol-d5 (Surr)	*54*		*28 - 118*	*10/07/25 21:44*	*10/08/25 10:16*	*1*
Terphenyl-d14 (Surr)	*61*		*33 - 124*	*10/07/25 21:44*	*10/08/25 10:16*	*1*

Method: SW846 8081B - Organochlorine Pesticides (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
4,4'-DDD	0.0072	U	0.0072	0.0012	mg/Kg	☼	10/07/25 17:46	10/08/25 10:28	1
4,4'-DDE	0.0072	U	0.0072	0.00084	mg/Kg	☼	10/07/25 17:46	10/08/25 10:28	1
4,4'-DDT	0.0072	U	0.0072	0.0013	mg/Kg	☼	10/07/25 17:46	10/08/25 10:28	1
Aldrin	0.0072	U	0.0072	0.0011	mg/Kg	☼	10/07/25 17:46	10/08/25 10:28	1
alpha-BHC	0.0021	U	0.0021	0.00073	mg/Kg	☼	10/07/25 17:46	10/08/25 10:28	1
beta-BHC	0.0021	U	0.0021	0.00080	mg/Kg	☼	10/07/25 17:46	10/08/25 10:28	1
Chlordane (technical)	0.072	U	0.072	0.017	mg/Kg	☼	10/07/25 17:46	10/08/25 10:28	1
cis-Chlordane	0.0072	U	0.0072	0.0011	mg/Kg	☼	10/07/25 17:46	10/08/25 10:28	1
delta-BHC	0.0021	U	0.0021	0.00044	mg/Kg	☼	10/07/25 17:46	10/08/25 10:28	1
Dieldrin	0.0021	U	0.0021	0.00093	mg/Kg	☼	10/07/25 17:46	10/08/25 10:28	1
Endosulfan I	0.0072	U	0.0072	0.0011	mg/Kg	☼	10/07/25 17:46	10/08/25 10:28	1
Endosulfan II	0.0072	U	0.0072	0.0018	mg/Kg	☼	10/07/25 17:46	10/08/25 10:28	1
Endosulfan sulfate	0.0072	U	0.0072	0.00090	mg/Kg	☼	10/07/25 17:46	10/08/25 10:28	1
Endrin	0.0072	U	0.0072	0.0010	mg/Kg	☼	10/07/25 17:46	10/08/25 10:28	1
Endrin aldehyde	0.0072	U	0.0072	0.0017	mg/Kg	☼	10/07/25 17:46	10/08/25 10:28	1
Endrin ketone	0.0072	U	0.0072	0.0014	mg/Kg	☼	10/07/25 17:46	10/08/25 10:28	1
gamma-BHC (Lindane)	0.0021	U	0.0021	0.00066	mg/Kg	☼	10/07/25 17:46	10/08/25 10:28	1
Heptachlor	0.0072	U	0.0072	0.00084	mg/Kg	☼	10/07/25 17:46	10/08/25 10:28	1
Heptachlor epoxide	0.0072	U	0.0072	0.0011	mg/Kg	☼	10/07/25 17:46	10/08/25 10:28	1
Methoxychlor	0.0072	U	0.0072	0.0016	mg/Kg	☼	10/07/25 17:46	10/08/25 10:28	1
Toxaphene	0.072	U	0.072	0.026	mg/Kg	☼	10/07/25 17:46	10/08/25 10:28	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
DCB Decachlorobiphenyl	*112*		*10 - 150*	*10/07/25 17:46*	*10/08/25 10:28*	*1*
DCB Decachlorobiphenyl	*118*		*10 - 150*	*10/07/25 17:46*	*10/08/25 10:28*	*1*
Tetrachloro-m-xylene	*97*		*14 - 150*	*10/07/25 17:46*	*10/08/25 10:28*	*1*
Tetrachloro-m-xylene	*98*		*14 - 150*	*10/07/25 17:46*	*10/08/25 10:28*	*1*

Client Sample ID: 48D_0-3
Date Collected: 10/06/25 08:30
Date Received: 10/06/25 15:30

Lab Sample ID: 460-336556-7
Matrix: Solid
Percent Solids: 93.5

Method: SW846 8082A - Polychlorinated Biphenyls (PCBs) by Gas Chromatography

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Aroclor 1016	0.072	U	0.072	0.019	mg/Kg	☼	10/07/25 17:40	10/08/25 11:52	1
Aroclor 1221	0.072	U	0.072	0.019	mg/Kg	☼	10/07/25 17:40	10/08/25 11:52	1
Aroclor 1232	0.072	U	0.072	0.019	mg/Kg	☼	10/07/25 17:40	10/08/25 11:52	1
Aroclor 1242	0.072	U	0.072	0.019	mg/Kg	☼	10/07/25 17:40	10/08/25 11:52	1
Aroclor 1248	0.072	U	0.072	0.019	mg/Kg	☼	10/07/25 17:40	10/08/25 11:52	1
Aroclor 1254	0.072	U	0.072	0.019	mg/Kg	☼	10/07/25 17:40	10/08/25 11:52	1
Aroclor 1260	0.072	U	0.072	0.019	mg/Kg	☼	10/07/25 17:40	10/08/25 11:52	1
Aroclor-1262	0.072	U	0.072	0.019	mg/Kg	☼	10/07/25 17:40	10/08/25 11:52	1
Aroclor 1268	0.072	U	0.072	0.019	mg/Kg	☼	10/07/25 17:40	10/08/25 11:52	1
Polychlorinated biphenyls, Total	0.072	U	0.072	0.019	mg/Kg	☼	10/07/25 17:40	10/08/25 11:52	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
DCB Decachlorobiphenyl	*102*		*10 - 150*	*10/07/25 17:40*	*10/08/25 11:52*	*1*
DCB Decachlorobiphenyl	*117*		*10 - 150*	*10/07/25 17:40*	*10/08/25 11:52*	*1*
Tetrachloro-m-xylene	*80*		*10 - 150*	*10/07/25 17:40*	*10/08/25 11:52*	*1*
Tetrachloro-m-xylene	*85*		*10 - 150*	*10/07/25 17:40*	*10/08/25 11:52*	*1*

Method: EPA 1633A - Per- and Polyfluoroalkyl Substances by LC/MS/MS, 1633A

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Perfluorobutanoic acid (PFBA)	0.39	U	0.39	0.098	ug/Kg	☼	10/08/25 14:13	10/09/25 08:48	1
Perfluoropentanoic acid (PFPeA)	**0.15**	**J**	0.20	0.098	ug/Kg	☼	10/08/25 14:13	10/09/25 08:48	1
Perfluorohexanoic acid (PFHxA)	**0.12**	**J**	0.20	0.098	ug/Kg	☼	10/08/25 14:13	10/09/25 08:48	1
Perfluoroheptanoic acid (PFHpA)	**0.12**	**J**	0.20	0.098	ug/Kg	☼	10/08/25 14:13	10/09/25 08:48	1
Perfluorooctanoic acid (PFOA)	**0.14**	**J**	0.20	0.059	ug/Kg	☼	10/08/25 14:13	10/09/25 08:48	1
Perfluorononanoic acid (PFNA)	**0.52**		0.20	0.098	ug/Kg	☼	10/08/25 14:13	10/09/25 08:48	1
Perfluorodecanoic acid (PFDA)	**1.39**		0.20	0.059	ug/Kg	☼	10/08/25 14:13	10/09/25 08:48	1
Perfluoroundecanoic acid (PFUnA)	**3.89**		0.20	0.098	ug/Kg	☼	10/08/25 14:13	10/09/25 08:48	1
Perfluorododecanoic acid (PFDoA)	**0.66**		0.20	0.098	ug/Kg	☼	10/08/25 14:13	10/09/25 08:48	1
Perfluorotridecanoic acid (PFTrDA)	**1.87**		0.20	0.098	ug/Kg	☼	10/08/25 14:13	10/09/25 08:48	1
Perfluorotetradecanoic acid (PFTeDA)	**0.16**	**J**	0.20	0.098	ug/Kg	☼	10/08/25 14:13	10/09/25 08:48	1
Perfluorobutanesulfonic acid (PFBS)	0.20	U	0.20	0.098	ug/Kg	☼	10/08/25 14:13	10/09/25 08:48	1
Perfluoropentanesulfonic acid (PFPeS)	0.20	U	0.20	0.098	ug/Kg	☼	10/08/25 14:13	10/09/25 08:48	1
Perfluorohexanesulfonic acid (PFHxS)	**0.10**	**J**	0.20	0.098	ug/Kg	☼	10/08/25 14:13	10/09/25 08:48	1
Perfluoroheptanesulfonic acid (PFHpS)	0.20	U	0.20	0.098	ug/Kg	☼	10/08/25 14:13	10/09/25 08:48	1
Perfluorooctanesulfonic acid (PFOS)	**0.73**		0.20	0.098	ug/Kg	☼	10/08/25 14:13	10/09/25 08:48	1
Perfluorononanesulfonic acid (PFNS)	0.20	U	0.20	0.098	ug/Kg	☼	10/08/25 14:13	10/09/25 08:48	1
Perfluorodecanesulfonic acid (PFDS)	0.20	U	0.20	0.098	ug/Kg	☼	10/08/25 14:13	10/09/25 08:48	1
Perfluorododecanesulfonic acid (PFDoS)	0.20	U	0.20	0.098	ug/Kg	☼	10/08/25 14:13	10/09/25 08:48	1
1H,1H,2H,2H-Perfluorohexane sulfonic acid (4:2 FTS)	0.39	U	0.39	0.20	ug/Kg	☼	10/08/25 14:13	10/09/25 08:48	1
1H,1H,2H,2H-Perfluorooctane sulfonic acid (6:2 FTS)	0.39	U	0.39	0.20	ug/Kg	☼	10/08/25 14:13	10/09/25 08:48	1
1H,1H,2H,2H-Perfluorodecane sulfonic acid (8:2 FTS)	**0.20**	**J**	0.39	0.20	ug/Kg	☼	10/08/25 14:13	10/09/25 08:48	1

Client Sample ID: 48D_0-3
Date Collected: 10/06/25 08:30
Date Received: 10/06/25 15:30

Lab Sample ID: 460-336556-7
Matrix: Solid
Percent Solids: 93.5

Method: EPA 1633A - Per- and Polyfluoroalkyl Substances by LC/MS/MS, 1633A (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Perfluorooctanesulfonamide (PFOSA)	0.20	U	0.20	0.098	ug/Kg	☼	10/08/25 14:13	10/09/25 08:48	1
N-methylperfluorooctane sulfonamide (NMeFOSA)	0.20	U	0.20	0.098	ug/Kg	☼	10/08/25 14:13	10/09/25 08:48	1
N-ethylperfluorooctane sulfonamide (NEtFOSA)	0.20	U	0.20	0.098	ug/Kg	☼	10/08/25 14:13	10/09/25 08:48	1
N-methylperfluorooctanesulfonamidoacetic acid (NMeFOSAA)	0.20	U	0.20	0.098	ug/Kg	☼	10/08/25 14:13	10/09/25 08:48	1
N-ethylperfluorooctanesulfonamidoacetic acid (NEtFOSAA)	0.20	U	0.20	0.098	ug/Kg	☼	10/08/25 14:13	10/09/25 08:48	1
N-methylperfluorooctane sulfonamidoethanol (NMeFOSE)	0.98	U	0.98	0.49	ug/Kg	☼	10/08/25 14:13	10/09/25 08:48	1
N-ethylperfluorooctane sulfonamidoethanol (NEtFOSE)	0.98	U	0.98	0.49	ug/Kg	☼	10/08/25 14:13	10/09/25 08:48	1
Hexafluoropropylene Oxide Dimer Acid (HFPO-DA)	0.20	U	0.20	0.098	ug/Kg	☼	10/08/25 14:13	10/09/25 08:48	1
4,8-Dioxa-3H-perfluorononanoic acid (ADONA)	0.20	U	0.20	0.098	ug/Kg	☼	10/08/25 14:13	10/09/25 08:48	1
Perfluoro-3-methoxypropanoic acid (PFMPA)	0.20	U	0.20	0.098	ug/Kg	☼	10/08/25 14:13	10/09/25 08:48	1
Perfluoro-4-methoxybutanoic acid (PFMBA)	0.20	U	0.20	0.098	ug/Kg	☼	10/08/25 14:13	10/09/25 08:48	1
Nonafluoro-3,6-dioxaheptanoic acid (NFDHA)	0.20	U	0.20	0.098	ug/Kg	☼	10/08/25 14:13	10/09/25 08:48	1
9-Chlorohexadecafluoro-3-oxanonane-1-sulfonic acid (9Cl-PF3ONS)	0.20	U	0.20	0.098	ug/Kg	☼	10/08/25 14:13	10/09/25 08:48	1
11-Chloroeicosafluoro-3-oxaundecane-1-sulfonic acid (11Cl-PF3OUdS)	0.20	U	0.20	0.098	ug/Kg	☼	10/08/25 14:13	10/09/25 08:48	1
Perfluoro (2-ethoxyethane) sulfonic acid (PFEESA)	0.20	U	0.20	0.098	ug/Kg	☼	10/08/25 14:13	10/09/25 08:48	1
3-Perfluoropropylpropanoic acid (3:3 FTCA)	0.39	U	0.39	0.20	ug/Kg	☼	10/08/25 14:13	10/09/25 08:48	1
3-Perfluoropentylpropanoic acid (5:3 FTCA)	0.98	U	0.98	0.49	ug/Kg	☼	10/08/25 14:13	10/09/25 08:48	1
3-Perfluoroheptylpropanoic acid (7:3 FTCA)	0.98	U	0.98	0.49	ug/Kg	☼	10/08/25 14:13	10/09/25 08:48	1

Isotope Dilution	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
13C4 PFBA	*86.3*		*8 - 130*	*10/08/25 14:13*	*10/09/25 08:48*	*1*
13C5 PFPeA	*79.3*		*35 - 130*	*10/08/25 14:13*	*10/09/25 08:48*	*1*
13C5 PFHxA	*77.3*		*40 - 130*	*10/08/25 14:13*	*10/09/25 08:48*	*1*
13C4 PFHpA	*83.9*		*40 - 130*	*10/08/25 14:13*	*10/09/25 08:48*	*1*
13C8 PFOA	*86.8*		*40 - 130*	*10/08/25 14:13*	*10/09/25 08:48*	*1*
13C9 PFNA	*93.5*		*40 - 130*	*10/08/25 14:13*	*10/09/25 08:48*	*1*
13C6 PFDA	*85.3*		*40 - 130*	*10/08/25 14:13*	*10/09/25 08:48*	*1*
13C7 PFUnA	*81.6*		*40 - 130*	*10/08/25 14:13*	*10/09/25 08:48*	*1*
13C2 PFTeDA	*70.6*		*20 - 130*	*10/08/25 14:13*	*10/09/25 08:48*	*1*
13C3 PFBS	*84.0*		*40 - 135*	*10/08/25 14:13*	*10/09/25 08:48*	*1*
13C3 PFHxS	*81.1*		*40 - 130*	*10/08/25 14:13*	*10/09/25 08:48*	*1*
13C8 PFOS	*80.6*		*40 - 130*	*10/08/25 14:13*	*10/09/25 08:48*	*1*
13C8 FOSA	*81.4*		*40 - 130*	*10/08/25 14:13*	*10/09/25 08:48*	*1*
d3-NMeFOSAA	*65.5*		*40 - 135*	*10/08/25 14:13*	*10/09/25 08:48*	*1*
d5-NEtFOSAA	*74.5*		*40 - 150*	*10/08/25 14:13*	*10/09/25 08:48*	*1*
13C2 4:2 FTS	*142*		*40 - 165*	*10/08/25 14:13*	*10/09/25 08:48*	*1*
13C2 6:2 FTS	*129*		*40 - 215*	*10/08/25 14:13*	*10/09/25 08:48*	*1*

Client Sample ID: 48D_0-3

Date Collected: 10/06/25 08:30
Date Received: 10/06/25 15:30

Lab Sample ID: 460-336556-7

Matrix: Solid
Percent Solids: 93.5

Method: EPA 1633A - Per- and Polyfluoroalkyl Substances by LC/MS/MS, 1633A (Continued)

Isotope Dilution	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
13C2 8:2 FTS	125		40 - 275	10/08/25 14:13	10/09/25 08:48	1
13C3 HFPO-DA	78.2		40 - 130	10/08/25 14:13	10/09/25 08:48	1
d7-N-MeFOSE-M	66.7		20 - 130	10/08/25 14:13	10/09/25 08:48	1
d9-N-EtFOSE-M	59.3		15 - 130	10/08/25 14:13	10/09/25 08:48	1
d5-NEtPFOSA	65.1		10 - 130	10/08/25 14:13	10/09/25 08:48	1
d3-NMePFOSA	69.6		10 - 130	10/08/25 14:13	10/09/25 08:48	1
13C2 PFDoA	81.7		40 - 130	10/08/25 14:13	10/09/25 08:48	1

Method: SW846 6020B - Metals (ICP/MS)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Aluminum	4680		16.3	4.5	mg/Kg	☼	10/09/25 18:35	10/10/25 18:04	1
Antimony	2.4		0.82	0.12	mg/Kg	☼	10/09/25 18:35	10/10/25 18:04	1
Arsenic	8.2		0.82	0.084	mg/Kg	☼	10/09/25 18:35	10/10/25 18:04	1
Barium	25.1		1.6	0.12	mg/Kg	☼	10/09/25 18:35	10/10/25 18:04	1
Beryllium	0.38		0.33	0.018	mg/Kg	☼	10/09/25 18:35	10/10/25 18:04	1
Cadmium	0.35	J	0.82	0.092	mg/Kg	☼	10/09/25 18:35	10/10/25 18:04	1
Calcium	837		81.6	7.9	mg/Kg	☼	10/09/25 18:35	10/10/25 18:04	1
Chromium	10.9		1.6	0.24	mg/Kg	☼	10/09/25 18:35	10/10/25 18:04	1
Cobalt	3.6		0.82	0.12	mg/Kg	☼	10/09/25 18:35	10/10/25 18:04	1
Copper	41.3		1.6	0.30	mg/Kg	☼	10/09/25 18:35	10/10/25 18:04	1
Iron	15000		49.0	6.2	mg/Kg	☼	10/09/25 18:35	10/10/25 18:04	1
Lead	60.4		0.49	0.16	mg/Kg	☼	10/09/25 18:35	10/10/25 18:04	1
Magnesium	1320		81.6	8.3	mg/Kg	☼	10/09/25 18:35	10/10/25 18:04	1
Manganese	118		3.3	0.33	mg/Kg	☼	10/09/25 18:35	10/10/25 18:04	1
Nickel	8.1		1.6	0.14	mg/Kg	☼	10/09/25 18:35	10/10/25 18:04	1
Potassium	978		81.6	13.2	mg/Kg	☼	10/09/25 18:35	10/10/25 18:04	1
Selenium	0.28	J	1.0	0.10	mg/Kg	☼	10/09/25 18:35	10/10/25 18:04	1
Silver	0.30	J	0.33	0.073	mg/Kg	☼	10/09/25 18:35	10/10/25 18:04	1
Sodium	81.6	U	81.6	37.3	mg/Kg	☼	10/09/25 18:35	10/10/25 18:04	1
Thallium	0.074	J	0.33	0.033	mg/Kg	☼	10/09/25 18:35	10/10/25 18:04	1
Vanadium	22.3		1.6	0.17	mg/Kg	☼	10/09/25 18:35	10/10/25 18:04	1
Zinc	55.3		6.5	0.89	mg/Kg	☼	10/09/25 18:35	10/10/25 18:04	1

Method: SW846 7471B - Mercury (CVAA)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	0.035		0.017	0.0078	mg/Kg	☼	10/14/25 02:12	10/14/25 08:41	1

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Percent Moisture (EPA Moisture)	6.5		1.0	1.0	%			10/07/25 16:13	1
Percent Solids (EPA Moisture)	93.5		1.0	1.0	%			10/07/25 16:13	1

Client Sample ID: 48D_3-6

Date Collected: 10/06/25 08:35
Date Received: 10/06/25 15:30

Lab Sample ID: 460-336556-8

Matrix: Solid
Percent Solids: 97.2

Method: SW846 8270E - Semivolatile Organic Compounds (GC/MS)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1'-Biphenyl	0.34	U	0.34	0.012	mg/Kg	☼	10/07/25 21:44	10/08/25 14:31	1
1,2,4,5-Tetrachlorobenzene	0.34	U	0.34	0.011	mg/Kg	☼	10/07/25 21:44	10/08/25 14:31	1
1,4-Dioxane	0.034	U	0.034	0.030	mg/Kg	☼	10/07/25 21:44	10/08/25 14:31	1

Client Sample ID: 48D_3-6
Date Collected: 10/06/25 08:35
Date Received: 10/06/25 15:30

Lab Sample ID: 460-336556-8
Matrix: Solid
Percent Solids: 97.2

Method: SW846 8270E - Semivolatile Organic Compounds (GC/MS) (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
2,2'-oxybis[1-chloropropane]	0.34	U	0.34	0.020	mg/Kg	☼	10/07/25 21:44	10/08/25 14:31	1
2,3,4,6-Tetrachlorophenol	0.34	U	0.34	0.023	mg/Kg	☼	10/07/25 21:44	10/08/25 14:31	1
2,4,5-Trichlorophenol	0.34	U	0.34	0.035	mg/Kg	☼	10/07/25 21:44	10/08/25 14:31	1
2,4,6-Trichlorophenol	0.14	U	0.14	0.044	mg/Kg	☼	10/07/25 21:44	10/08/25 14:31	1
2,4-Dichlorophenol	0.14	U	0.14	0.022	mg/Kg	☼	10/07/25 21:44	10/08/25 14:31	1
2,4-Dimethylphenol	0.34	U	0.34	0.041	mg/Kg	☼	10/07/25 21:44	10/08/25 14:31	1
2,4-Dinitrophenol	0.27	U	0.27	0.17	mg/Kg	☼	10/07/25 21:44	10/08/25 14:31	1
2,4-Dinitrotoluene	0.069	U	0.069	0.037	mg/Kg	☼	10/07/25 21:44	10/08/25 14:31	1
2,6-Dinitrotoluene	0.069	U	0.069	0.025	mg/Kg	☼	10/07/25 21:44	10/08/25 14:31	1
2-Chloronaphthalene	0.34	U	0.34	0.044	mg/Kg	☼	10/07/25 21:44	10/08/25 14:31	1
2-Chlorophenol	0.34	U	0.34	0.012	mg/Kg	☼	10/07/25 21:44	10/08/25 14:31	1
2-Methylnaphthalene	**0.012**	**J**	0.34	0.0095	mg/Kg	☼	10/07/25 21:44	10/08/25 14:31	1
2-Methylphenol	0.34	U	0.34	0.013	mg/Kg	☼	10/07/25 21:44	10/08/25 14:31	1
2-Nitroaniline	0.34	U	0.34	0.026	mg/Kg	☼	10/07/25 21:44	10/08/25 14:31	1
2-Nitrophenol	0.34	U	0.34	0.034	mg/Kg	☼	10/07/25 21:44	10/08/25 14:31	1
3 & 4 Methylphenol	0.34	U	0.34	0.021	mg/Kg	☼	10/07/25 21:44	10/08/25 14:31	1
3,3'-Dichlorobenzidine	0.14	U	0.14	0.051	mg/Kg	☼	10/07/25 21:44	10/08/25 14:31	1
3-Nitroaniline	0.34	U	0.34	0.081	mg/Kg	☼	10/07/25 21:44	10/08/25 14:31	1
4,6-Dinitro-2-methylphenol	0.27	U	0.27	0.14	mg/Kg	☼	10/07/25 21:44	10/08/25 14:31	1
4-Bromophenyl phenyl ether	0.34	U	0.34	0.013	mg/Kg	☼	10/07/25 21:44	10/08/25 14:31	1
4-Chloro-3-methylphenol	0.34	U	0.34	0.019	mg/Kg	☼	10/07/25 21:44	10/08/25 14:31	1
4-Chloroaniline	0.34	U	0.34	0.060	mg/Kg	☼	10/07/25 21:44	10/08/25 14:31	1
4-Chlorophenyl phenyl ether	0.34	U	0.34	0.012	mg/Kg	☼	10/07/25 21:44	10/08/25 14:31	1
4-Methylphenol	0.34	U	0.34	0.021	mg/Kg	☼	10/07/25 21:44	10/08/25 14:31	1
4-Nitroaniline	0.34	U	0.34	0.086	mg/Kg	☼	10/07/25 21:44	10/08/25 14:31	1
4-Nitrophenol	0.69	U	0.69	0.055	mg/Kg	☼	10/07/25 21:44	10/08/25 14:31	1
Acenaphthene	**0.025**	**J**	0.34	0.0097	mg/Kg	☼	10/07/25 21:44	10/08/25 14:31	1
Acenaphthylene	**0.19**	**J**	0.34	0.0097	mg/Kg	☼	10/07/25 21:44	10/08/25 14:31	1
Acetophenone	0.34	U	0.34	0.017	mg/Kg	☼	10/07/25 21:44	10/08/25 14:31	1
Anthracene	**0.25**	**J**	0.34	0.010	mg/Kg	☼	10/07/25 21:44	10/08/25 14:31	1
Atrazine	0.14	U	0.14	0.020	mg/Kg	☼	10/07/25 21:44	10/08/25 14:31	1
Benzaldehyde	0.34	U	0.34	0.056	mg/Kg	☼	10/07/25 21:44	10/08/25 14:31	1
Benzo[a]anthracene	**0.19**		0.034	0.026	mg/Kg	☼	10/07/25 21:44	10/08/25 14:31	1
Benzo[a]pyrene	**0.26**		0.034	0.0090	mg/Kg	☼	10/07/25 21:44	10/08/25 14:31	1
Benzo[b]fluoranthene	**0.31**		0.034	0.0088	mg/Kg	☼	10/07/25 21:44	10/08/25 14:31	1
Benzo[g,h,i]perylene	**0.29**	**J**	0.34	0.010	mg/Kg	☼	10/07/25 21:44	10/08/25 14:31	1
Benzo[k]fluoranthene	**0.12**		0.034	0.0067	mg/Kg	☼	10/07/25 21:44	10/08/25 14:31	1
Bis(2-chloroethoxy)methane	0.34	U	0.34	0.063	mg/Kg	☼	10/07/25 21:44	10/08/25 14:31	1
Bis(2-chloroethyl)ether	0.034	U	0.034	0.012	mg/Kg	☼	10/07/25 21:44	10/08/25 14:31	1
Bis(2-ethylhexyl) phthalate	0.34	U	0.34	0.018	mg/Kg	☼	10/07/25 21:44	10/08/25 14:31	1
Butyl benzyl phthalate	0.34	U	0.34	0.016	mg/Kg	☼	10/07/25 21:44	10/08/25 14:31	1
Caprolactam	0.34	U	0.34	0.053	mg/Kg	☼	10/07/25 21:44	10/08/25 14:31	1
Carbazole	**0.087**	**J**	0.34	0.013	mg/Kg	☼	10/07/25 21:44	10/08/25 14:31	1
Chrysene	**0.22**	**J**	0.34	0.014	mg/Kg	☼	10/07/25 21:44	10/08/25 14:31	1
Dibenz(a,h)anthracene	**0.045**		0.034	0.015	mg/Kg	☼	10/07/25 21:44	10/08/25 14:31	1
Dibenzofuran	**0.019**	**J**	0.34	0.011	mg/Kg	☼	10/07/25 21:44	10/08/25 14:31	1
Diethyl phthalate	0.34	U	0.34	0.011	mg/Kg	☼	10/07/25 21:44	10/08/25 14:31	1
Dimethyl phthalate	0.34	U	0.34	0.077	mg/Kg	☼	10/07/25 21:44	10/08/25 14:31	1
Di-n-butyl phthalate	0.34	U	0.34	0.013	mg/Kg	☼	10/07/25 21:44	10/08/25 14:31	1

Client Sample ID: 48D_3-6
Date Collected: 10/06/25 08:35
Date Received: 10/06/25 15:30

Lab Sample ID: 460-336556-8
Matrix: Solid
Percent Solids: 97.2

Method: SW846 8270E - Semivolatile Organic Compounds (GC/MS) (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Di-n-octyl phthalate	0.34	U	0.34	0.018	mg/Kg	☼	10/07/25 21:44	10/08/25 14:31	1
Fluoranthene	**0.45**		0.34	0.012	mg/Kg	☼	10/07/25 21:44	10/08/25 14:31	1
Fluorene	**0.039**	**J**	0.34	0.0099	mg/Kg	☼	10/07/25 21:44	10/08/25 14:31	1
Hexachlorobenzene	0.034	U	0.034	0.016	mg/Kg	☼	10/07/25 21:44	10/08/25 14:31	1
Hexachlorobutadiene	0.069	U	0.069	0.0072	mg/Kg	☼	10/07/25 21:44	10/08/25 14:31	1
Hexachlorocyclopentadiene	0.34	U	0.34	0.030	mg/Kg	☼	10/07/25 21:44	10/08/25 14:31	1
Hexachloroethane	0.034	U	0.034	0.012	mg/Kg	☼	10/07/25 21:44	10/08/25 14:31	1
Indeno[1,2,3-cd]pyrene	**0.23**		0.034	0.013	mg/Kg	☼	10/07/25 21:44	10/08/25 14:31	1
Isophorone	0.14	U	0.14	0.098	mg/Kg	☼	10/07/25 21:44	10/08/25 14:31	1
Naphthalene	**0.030**	**J**	0.34	0.0059	mg/Kg	☼	10/07/25 21:44	10/08/25 14:31	1
Nitrobenzene	0.034	U	0.034	0.019	mg/Kg	☼	10/07/25 21:44	10/08/25 14:31	1
N-Nitrosodi-n-propylamine	0.034	U	0.034	0.025	mg/Kg	☼	10/07/25 21:44	10/08/25 14:31	1
N-Nitrosodiphenylamine	0.34	U	0.34	0.028	mg/Kg	☼	10/07/25 21:44	10/08/25 14:31	1
Pentachlorophenol	0.27	U	0.27	0.070	mg/Kg	☼	10/07/25 21:44	10/08/25 14:31	1
Phenanthrene	**0.31**	**J**	0.34	0.014	mg/Kg	☼	10/07/25 21:44	10/08/25 14:31	1
Phenol	0.34	U	0.34	0.012	mg/Kg	☼	10/07/25 21:44	10/08/25 14:31	1
Pyrene	**0.34**		0.34	0.0084	mg/Kg	☼	10/07/25 21:44	10/08/25 14:31	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
2,4,6-Tribromophenol (Surr)	*68*		*18 - 137*	*10/07/25 21:44*	*10/08/25 14:31*	*1*
2-Fluorobiphenyl	*66*		*33 - 117*	*10/07/25 21:44*	*10/08/25 14:31*	*1*
2-Fluorophenol (Surr)	*65*		*24 - 120*	*10/07/25 21:44*	*10/08/25 14:31*	*1*
Nitrobenzene-d5 (Surr)	*59*		*27 - 120*	*10/07/25 21:44*	*10/08/25 14:31*	*1*
Phenol-d5 (Surr)	*63*		*28 - 118*	*10/07/25 21:44*	*10/08/25 14:31*	*1*
Terphenyl-d14 (Surr)	*66*		*33 - 124*	*10/07/25 21:44*	*10/08/25 14:31*	*1*

Method: SW846 8081B - Organochlorine Pesticides (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
4,4'-DDD	0.0069	U	0.0069	0.0012	mg/Kg	☼	10/07/25 17:46	10/08/25 10:44	1
4,4'-DDE	0.0069	U	0.0069	0.00081	mg/Kg	☼	10/07/25 17:46	10/08/25 10:44	1
4,4'-DDT	0.0069	U	0.0069	0.0013	mg/Kg	☼	10/07/25 17:46	10/08/25 10:44	1
Aldrin	0.0069	U	0.0069	0.0010	mg/Kg	☼	10/07/25 17:46	10/08/25 10:44	1
alpha-BHC	0.0021	U	0.0021	0.00070	mg/Kg	☼	10/07/25 17:46	10/08/25 10:44	1
beta-BHC	0.0021	U	0.0021	0.00077	mg/Kg	☼	10/07/25 17:46	10/08/25 10:44	1
Chlordane (technical)	0.069	U	0.069	0.017	mg/Kg	☼	10/07/25 17:46	10/08/25 10:44	1
cis-Chlordane	0.0069	U	0.0069	0.0011	mg/Kg	☼	10/07/25 17:46	10/08/25 10:44	1
delta-BHC	0.0021	U	0.0021	0.00042	mg/Kg	☼	10/07/25 17:46	10/08/25 10:44	1
Dieldrin	0.0021	U	0.0021	0.00090	mg/Kg	☼	10/07/25 17:46	10/08/25 10:44	1
Endosulfan I	0.0069	U	0.0069	0.0010	mg/Kg	☼	10/07/25 17:46	10/08/25 10:44	1
Endosulfan II	0.0069	U	0.0069	0.0018	mg/Kg	☼	10/07/25 17:46	10/08/25 10:44	1
Endosulfan sulfate	0.0069	U	0.0069	0.00086	mg/Kg	☼	10/07/25 17:46	10/08/25 10:44	1
Endrin	0.0069	U	0.0069	0.00099	mg/Kg	☼	10/07/25 17:46	10/08/25 10:44	1
Endrin aldehyde	0.0069	U	0.0069	0.0016	mg/Kg	☼	10/07/25 17:46	10/08/25 10:44	1
Endrin ketone	0.0069	U	0.0069	0.0013	mg/Kg	☼	10/07/25 17:46	10/08/25 10:44	1
gamma-BHC (Lindane)	0.0021	U	0.0021	0.00064	mg/Kg	☼	10/07/25 17:46	10/08/25 10:44	1
Heptachlor	0.0069	U	0.0069	0.00081	mg/Kg	☼	10/07/25 17:46	10/08/25 10:44	1
Heptachlor epoxide	0.0069	U	0.0069	0.0010	mg/Kg	☼	10/07/25 17:46	10/08/25 10:44	1
Methoxychlor	0.0069	U	0.0069	0.0016	mg/Kg	☼	10/07/25 17:46	10/08/25 10:44	1
Toxaphene	0.069	U	0.069	0.025	mg/Kg	☼	10/07/25 17:46	10/08/25 10:44	1

Client Sample ID: 48D_3-6
Date Collected: 10/06/25 08:35
Date Received: 10/06/25 15:30

Lab Sample ID: 460-336556-8
Matrix: Solid
Percent Solids: 97.2

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
DCB Decachlorobiphenyl	*126*		*10 - 150*	*10/07/25 17:46*	*10/08/25 10:44*	*1*
DCB Decachlorobiphenyl	*132*		*10 - 150*	*10/07/25 17:46*	*10/08/25 10:44*	*1*
Tetrachloro-m-xylene	*110*		*14 - 150*	*10/07/25 17:46*	*10/08/25 10:44*	*1*
Tetrachloro-m-xylene	*110*		*14 - 150*	*10/07/25 17:46*	*10/08/25 10:44*	*1*

Method: SW846 8082A - Polychlorinated Biphenyls (PCBs) by Gas Chromatography

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Aroclor 1016	0.069	U	0.069	0.018	mg/Kg	☼	10/07/25 17:40	10/08/25 12:10	1
Aroclor 1221	0.069	U	0.069	0.018	mg/Kg	☼	10/07/25 17:40	10/08/25 12:10	1
Aroclor 1232	0.069	U	0.069	0.018	mg/Kg	☼	10/07/25 17:40	10/08/25 12:10	1
Aroclor 1242	0.069	U	0.069	0.018	mg/Kg	☼	10/07/25 17:40	10/08/25 12:10	1
Aroclor 1248	0.069	U	0.069	0.018	mg/Kg	☼	10/07/25 17:40	10/08/25 12:10	1
Aroclor 1254	0.069	U	0.069	0.018	mg/Kg	☼	10/07/25 17:40	10/08/25 12:10	1
Aroclor 1260	0.069	U	0.069	0.018	mg/Kg	☼	10/07/25 17:40	10/08/25 12:10	1
Aroclor-1262	0.069	U	0.069	0.018	mg/Kg	☼	10/07/25 17:40	10/08/25 12:10	1
Aroclor 1268	0.069	U	0.069	0.018	mg/Kg	☼	10/07/25 17:40	10/08/25 12:10	1
Polychlorinated biphenyls, Total	0.069	U	0.069	0.018	mg/Kg	☼	10/07/25 17:40	10/08/25 12:10	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
DCB Decachlorobiphenyl	*110*		*10 - 150*	*10/07/25 17:40*	*10/08/25 12:10*	*1*
DCB Decachlorobiphenyl	*120*		*10 - 150*	*10/07/25 17:40*	*10/08/25 12:10*	*1*
Tetrachloro-m-xylene	*87*		*10 - 150*	*10/07/25 17:40*	*10/08/25 12:10*	*1*
Tetrachloro-m-xylene	*89*		*10 - 150*	*10/07/25 17:40*	*10/08/25 12:10*	*1*

Method: EPA 1633A - Per- and Polyfluoroalkyl Substances by LC/MS/MS, 1633A

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Perfluorobutanoic acid (PFBA)	0.40	U	0.40	0.099	ug/Kg	☼	10/08/25 14:13	10/09/25 09:01	1
Perfluoropentanoic acid (PFPeA)	**0.20**		0.20	0.099	ug/Kg	☼	10/08/25 14:13	10/09/25 09:01	1
Perfluorohexanoic acid (PFHxA)	**0.19**	**J**	0.20	0.099	ug/Kg	☼	10/08/25 14:13	10/09/25 09:01	1
Perfluoroheptanoic acid (PFHpA)	**0.24**		0.20	0.099	ug/Kg	☼	10/08/25 14:13	10/09/25 09:01	1
Perfluorooctanoic acid (PFOA)	**0.22**		0.20	0.059	ug/Kg	☼	10/08/25 14:13	10/09/25 09:01	1
Perfluorononanoic acid (PFNA)	**0.52**		0.20	0.099	ug/Kg	☼	10/08/25 14:13	10/09/25 09:01	1
Perfluorodecanoic acid (PFDA)	**1.11**		0.20	0.059	ug/Kg	☼	10/08/25 14:13	10/09/25 09:01	1
Perfluoroundecanoic acid (PFUnA)	**3.34**		0.20	0.099	ug/Kg	☼	10/08/25 14:13	10/09/25 09:01	1
Perfluorododecanoic acid (PFDoA)	**1.63**		0.20	0.099	ug/Kg	☼	10/08/25 14:13	10/09/25 09:01	1
Perfluorotridecanoic acid (PFTrDA)	**4.00**		0.20	0.099	ug/Kg	☼	10/08/25 14:13	10/09/25 09:01	1
Perfluorotetradecanoic acid (PFTeDA)	**0.38**		0.20	0.099	ug/Kg	☼	10/08/25 14:13	10/09/25 09:01	1
Perfluorobutanesulfonic acid (PFBS)	0.20	U	0.20	0.099	ug/Kg	☼	10/08/25 14:13	10/09/25 09:01	1
Perfluoropentanesulfonic acid (PFPeS)	0.20	U	0.20	0.099	ug/Kg	☼	10/08/25 14:13	10/09/25 09:01	1
Perfluorohexanesulfonic acid (PFHxS)	0.20	U	0.20	0.099	ug/Kg	☼	10/08/25 14:13	10/09/25 09:01	1
Perfluoroheptanesulfonic acid (PFHpS)	0.20	U	0.20	0.099	ug/Kg	☼	10/08/25 14:13	10/09/25 09:01	1
Perfluorooctanesulfonic acid (PFOS)	**0.42**		0.20	0.099	ug/Kg	☼	10/08/25 14:13	10/09/25 09:01	1
Perfluorononanesulfonic acid (PFNS)	0.20	U	0.20	0.099	ug/Kg	☼	10/08/25 14:13	10/09/25 09:01	1
Perfluorodecanesulfonic acid (PFDS)	0.20	U	0.20	0.099	ug/Kg	☼	10/08/25 14:13	10/09/25 09:01	1
Perfluorododecanesulfonic acid (PFDoS)	0.20	U	0.20	0.099	ug/Kg	☼	10/08/25 14:13	10/09/25 09:01	1

Client Sample ID: 48D_3-6
Date Collected: 10/06/25 08:35
Date Received: 10/06/25 15:30

Lab Sample ID: 460-336556-8
Matrix: Solid
Percent Solids: 97.2

Method: EPA 1633A - Per- and Polyfluoroalkyl Substances by LC/MS/MS, 1633A (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1H,1H,2H,2H-Perfluorohexane sulfonic acid (4:2 FTS)	0.40	U	0.40	0.20	ug/Kg	☼	10/08/25 14:13	10/09/25 09:01	1
1H,1H,2H,2H-Perfluorooctane sulfonic acid (6:2 FTS)	0.40	U	0.40	0.20	ug/Kg	☼	10/08/25 14:13	10/09/25 09:01	1
1H,1H,2H,2H-Perfluorodecane sulfonic acid (8:2 FTS)	**0.45**		0.40	0.20	ug/Kg	☼	10/08/25 14:13	10/09/25 09:01	1
Perfluorooctanesulfonamide (PFOSA)	0.20	U	0.20	0.099	ug/Kg	☼	10/08/25 14:13	10/09/25 09:01	1
N-methylperfluorooctane sulfonamide (NMeFOSA)	0.20	U	0.20	0.099	ug/Kg	☼	10/08/25 14:13	10/09/25 09:01	1
N-ethylperfluorooctane sulfonamide (NEtFOSA)	0.20	U	0.20	0.099	ug/Kg	☼	10/08/25 14:13	10/09/25 09:01	1
N-methylperfluorooctanesulfonamidoacetic acid (NMeFOSAA)	0.20	U	0.20	0.099	ug/Kg	☼	10/08/25 14:13	10/09/25 09:01	1
N-ethylperfluorooctanesulfonamidoacetic acid (NEtFOSAA)	0.20	U	0.20	0.099	ug/Kg	☼	10/08/25 14:13	10/09/25 09:01	1
N-methylperfluorooctane sulfonamidoethanol (NMeFOSE)	0.99	U	0.99	0.49	ug/Kg	☼	10/08/25 14:13	10/09/25 09:01	1
N-ethylperfluorooctane sulfonamidoethanol (NEtFOSE)	0.99	U	0.99	0.49	ug/Kg	☼	10/08/25 14:13	10/09/25 09:01	1
Hexafluoropropylene Oxide Dimer Acid (HFPO-DA)	0.20	U	0.20	0.099	ug/Kg	☼	10/08/25 14:13	10/09/25 09:01	1
4,8-Dioxa-3H-perfluorononanoic acid (ADONA)	0.20	U	0.20	0.099	ug/Kg	☼	10/08/25 14:13	10/09/25 09:01	1
Perfluoro-3-methoxypropanoic acid (PFMPA)	0.20	U	0.20	0.099	ug/Kg	☼	10/08/25 14:13	10/09/25 09:01	1
Perfluoro-4-methoxybutanoic acid (PFMBA)	0.20	U	0.20	0.099	ug/Kg	☼	10/08/25 14:13	10/09/25 09:01	1
Nonafluoro-3,6-dioxaheptanoic acid (NFDHA)	0.20	U	0.20	0.099	ug/Kg	☼	10/08/25 14:13	10/09/25 09:01	1
9-Chlorohexadecafluoro-3-oxanonane-1-sulfonic acid (9Cl-PF3ONS)	0.20	U	0.20	0.099	ug/Kg	☼	10/08/25 14:13	10/09/25 09:01	1
11-Chloroeicosafluoro-3-oxaundecane-1-sulfonic acid (11Cl-PF3OUdS)	0.20	U	0.20	0.099	ug/Kg	☼	10/08/25 14:13	10/09/25 09:01	1
Perfluoro (2-ethoxyethane) sulfonic acid (PFEESA)	0.20	U	0.20	0.099	ug/Kg	☼	10/08/25 14:13	10/09/25 09:01	1
3-Perfluoropropylpropanoic acid (3:3 FTCA)	0.40	U	0.40	0.20	ug/Kg	☼	10/08/25 14:13	10/09/25 09:01	1
3-Perfluoropentylpropanoic acid (5:3 FTCA)	0.99	U	0.99	0.49	ug/Kg	☼	10/08/25 14:13	10/09/25 09:01	1
3-Perfluoroheptylpropanoic acid (7:3 FTCA)	0.99	U	0.99	0.49	ug/Kg	☼	10/08/25 14:13	10/09/25 09:01	1

Isotope Dilution	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
13C4 PFBA	*123*		*8 - 130*	*10/08/25 14:13*	*10/09/25 09:01*	*1*
13C5 PFPeA	*113*		*35 - 130*	*10/08/25 14:13*	*10/09/25 09:01*	*1*
13C5 PFHxA	*111*		*40 - 130*	*10/08/25 14:13*	*10/09/25 09:01*	*1*
13C4 PFHpA	*123*		*40 - 130*	*10/08/25 14:13*	*10/09/25 09:01*	*1*
13C8 PFOA	*114*		*40 - 130*	*10/08/25 14:13*	*10/09/25 09:01*	*1*
13C9 PFNA	*114*		*40 - 130*	*10/08/25 14:13*	*10/09/25 09:01*	*1*
13C6 PFDA	*104*		*40 - 130*	*10/08/25 14:13*	*10/09/25 09:01*	*1*
13C7 PFUnA	*110*		*40 - 130*	*10/08/25 14:13*	*10/09/25 09:01*	*1*
13C2 PFTeDA	*93.8*		*20 - 130*	*10/08/25 14:13*	*10/09/25 09:01*	*1*
13C3 PFBS	*118*		*40 - 135*	*10/08/25 14:13*	*10/09/25 09:01*	*1*
13C3 PFHxS	*110*		*40 - 130*	*10/08/25 14:13*	*10/09/25 09:01*	*1*
13C8 PFOS	*104*		*40 - 130*	*10/08/25 14:13*	*10/09/25 09:01*	*1*

Client Sample ID: 48D_3-6

Date Collected: 10/06/25 08:35
Date Received: 10/06/25 15:30

Lab Sample ID: 460-336556-8

Matrix: Solid
Percent Solids: 97.2

Method: EPA 1633A - Per- and Polyfluoroalkyl Substances by LC/MS/MS, 1633A (Continued)

Isotope Dilution	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
13C8 FOSA	112		40 - 130	10/08/25 14:13	10/09/25 09:01	1
d3-NMeFOSAA	87.8		40 - 135	10/08/25 14:13	10/09/25 09:01	1
d5-NEtFOSAA	103		40 - 150	10/08/25 14:13	10/09/25 09:01	1
13C2 4:2 FTS	201	*	40 - 165	10/08/25 14:13	10/09/25 09:01	1
13C2 6:2 FTS	197		40 - 215	10/08/25 14:13	10/09/25 09:01	1
13C2 8:2 FTS	193		40 - 275	10/08/25 14:13	10/09/25 09:01	1
13C3 HFPO-DA	111		40 - 130	10/08/25 14:13	10/09/25 09:01	1
d7-N-MeFOSE-M	64.6		20 - 130	10/08/25 14:13	10/09/25 09:01	1
d9-N-EtFOSE-M	52.5		15 - 130	10/08/25 14:13	10/09/25 09:01	1
d5-NEtPFOSA	66.7		10 - 130	10/08/25 14:13	10/09/25 09:01	1
d3-NMePFOSA	75.3		10 - 130	10/08/25 14:13	10/09/25 09:01	1
13C2 PFDoA	101		40 - 130	10/08/25 14:13	10/09/25 09:01	1

Method: SW846 6020B - Metals (ICP/MS)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Aluminum	5110		16.3	4.5	mg/Kg	☼	10/09/25 18:35	10/10/25 18:07	1
Antimony	2.5		0.82	0.12	mg/Kg	☼	10/09/25 18:35	10/10/25 18:07	1
Arsenic	8.1		0.82	0.084	mg/Kg	☼	10/09/25 18:35	10/10/25 18:07	1
Barium	38.8		1.6	0.12	mg/Kg	☼	10/09/25 18:35	10/10/25 18:07	1
Beryllium	0.62		0.33	0.018	mg/Kg	☼	10/09/25 18:35	10/10/25 18:07	1
Cadmium	0.42	J	0.82	0.092	mg/Kg	☼	10/09/25 18:35	10/10/25 18:07	1
Calcium	1840		81.7	7.9	mg/Kg	☼	10/09/25 18:35	10/10/25 18:07	1
Chromium	22.4		1.6	0.24	mg/Kg	☼	10/09/25 18:35	10/10/25 18:07	1
Cobalt	6.6		0.82	0.12	mg/Kg	☼	10/09/25 18:35	10/10/25 18:07	1
Copper	72.7		1.6	0.30	mg/Kg	☼	10/09/25 18:35	10/10/25 18:07	1
Iron	19200		49.0	6.2	mg/Kg	☼	10/09/25 18:35	10/10/25 18:07	1
Lead	101		0.49	0.16	mg/Kg	☼	10/09/25 18:35	10/10/25 18:07	1
Magnesium	1840		81.7	8.3	mg/Kg	☼	10/09/25 18:35	10/10/25 18:07	1
Manganese	137		3.3	0.33	mg/Kg	☼	10/09/25 18:35	10/10/25 18:07	1
Nickel	20.2		1.6	0.14	mg/Kg	☼	10/09/25 18:35	10/10/25 18:07	1
Potassium	1150		81.7	13.2	mg/Kg	☼	10/09/25 18:35	10/10/25 18:07	1
Selenium	0.47	J	1.0	0.10	mg/Kg	☼	10/09/25 18:35	10/10/25 18:07	1
Silver	0.34		0.33	0.073	mg/Kg	☼	10/09/25 18:35	10/10/25 18:07	1
Sodium	66.2	J	81.7	37.3	mg/Kg	☼	10/09/25 18:35	10/10/25 18:07	1
Thallium	0.078	J	0.33	0.033	mg/Kg	☼	10/09/25 18:35	10/10/25 18:07	1
Vanadium	24.0		1.6	0.17	mg/Kg	☼	10/09/25 18:35	10/10/25 18:07	1
Zinc	148		6.5	0.89	mg/Kg	☼	10/09/25 18:35	10/10/25 18:07	1

Method: SW846 7471B - Mercury (CVAA)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	0.043		0.017	0.0080	mg/Kg	☼	10/14/25 02:12	10/14/25 08:44	1

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Percent Moisture (EPA Moisture)	2.8		1.0	1.0	%			10/07/25 16:13	1
Percent Solids (EPA Moisture)	97.2		1.0	1.0	%			10/07/25 16:13	1

Client: Haley & Aldrich, Inc.
Project/Site: Former Port Mobil

Job ID: 460-336556-1

Client Sample ID: 61A_0-3
Date Collected: 10/06/25 08:40
Date Received: 10/06/25 15:30

Lab Sample ID: 460-336556-9
Matrix: Solid
Percent Solids: 91.8

Method: SW846 8270E - Semivolatile Organic Compounds (GC/MS)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1'-Biphenyl	0.36	U	0.36	0.012	mg/Kg	☼	10/07/25 21:44	10/08/25 11:49	1
1,2,4,5-Tetrachlorobenzene	0.36	U	0.36	0.011	mg/Kg	☼	10/07/25 21:44	10/08/25 11:49	1
1,4-Dioxane	0.036	U	0.036	0.031	mg/Kg	☼	10/07/25 21:44	10/08/25 11:49	1
2,2'-oxybis[1-chloropropane]	0.36	U	0.36	0.021	mg/Kg	☼	10/07/25 21:44	10/08/25 11:49	1
2,3,4,6-Tetrachlorophenol	0.36	U	0.36	0.024	mg/Kg	☼	10/07/25 21:44	10/08/25 11:49	1
2,4,5-Trichlorophenol	0.36	U	0.36	0.036	mg/Kg	☼	10/07/25 21:44	10/08/25 11:49	1
2,4,6-Trichlorophenol	0.14	U	0.14	0.046	mg/Kg	☼	10/07/25 21:44	10/08/25 11:49	1
2,4-Dichlorophenol	0.14	U	0.14	0.023	mg/Kg	☼	10/07/25 21:44	10/08/25 11:49	1
2,4-Dimethylphenol	0.36	U	0.36	0.043	mg/Kg	☼	10/07/25 21:44	10/08/25 11:49	1
2,4-Dinitrophenol	0.29	U	0.29	0.18	mg/Kg	☼	10/07/25 21:44	10/08/25 11:49	1
2,4-Dinitrotoluene	0.072	U	0.072	0.039	mg/Kg	☼	10/07/25 21:44	10/08/25 11:49	1
2,6-Dinitrotoluene	0.072	U	0.072	0.026	mg/Kg	☼	10/07/25 21:44	10/08/25 11:49	1
2-Chloronaphthalene	0.36	U	0.36	0.046	mg/Kg	☼	10/07/25 21:44	10/08/25 11:49	1
2-Chlorophenol	0.36	U	0.36	0.013	mg/Kg	☼	10/07/25 21:44	10/08/25 11:49	1
2-Methylnaphthalene	0.36	U	0.36	0.010	mg/Kg	☼	10/07/25 21:44	10/08/25 11:49	1
2-Methylphenol	0.36	U	0.36	0.013	mg/Kg	☼	10/07/25 21:44	10/08/25 11:49	1
2-Nitroaniline	0.36	U	0.36	0.027	mg/Kg	☼	10/07/25 21:44	10/08/25 11:49	1
2-Nitrophenol	0.36	U	0.36	0.036	mg/Kg	☼	10/07/25 21:44	10/08/25 11:49	1
3 & 4 Methylphenol	0.36	U	0.36	0.022	mg/Kg	☼	10/07/25 21:44	10/08/25 11:49	1
3,3'-Dichlorobenzidine	0.14	U	0.14	0.054	mg/Kg	☼	10/07/25 21:44	10/08/25 11:49	1
3-Nitroaniline	0.36	U	0.36	0.085	mg/Kg	☼	10/07/25 21:44	10/08/25 11:49	1
4,6-Dinitro-2-methylphenol	0.29	U	0.29	0.15	mg/Kg	☼	10/07/25 21:44	10/08/25 11:49	1
4-Bromophenyl phenyl ether	0.36	U	0.36	0.014	mg/Kg	☼	10/07/25 21:44	10/08/25 11:49	1
4-Chloro-3-methylphenol	0.36	U	0.36	0.020	mg/Kg	☼	10/07/25 21:44	10/08/25 11:49	1
4-Chloroaniline	0.36	U	0.36	0.063	mg/Kg	☼	10/07/25 21:44	10/08/25 11:49	1
4-Chlorophenyl phenyl ether	0.36	U	0.36	0.013	mg/Kg	☼	10/07/25 21:44	10/08/25 11:49	1
4-Methylphenol	0.36	U	0.36	0.022	mg/Kg	☼	10/07/25 21:44	10/08/25 11:49	1
4-Nitroaniline	0.36	U	0.36	0.091	mg/Kg	☼	10/07/25 21:44	10/08/25 11:49	1
4-Nitrophenol	0.72	U	0.72	0.058	mg/Kg	☼	10/07/25 21:44	10/08/25 11:49	1
Acenaphthene	0.36	U	0.36	0.010	mg/Kg	☼	10/07/25 21:44	10/08/25 11:49	1
Acenaphthylene	0.36	U	0.36	0.010	mg/Kg	☼	10/07/25 21:44	10/08/25 11:49	1
Acetophenone	0.36	U	0.36	0.018	mg/Kg	☼	10/07/25 21:44	10/08/25 11:49	1
Anthracene	0.36	U	0.36	0.011	mg/Kg	☼	10/07/25 21:44	10/08/25 11:49	1
Atrazine	0.14	U	0.14	0.021	mg/Kg	☼	10/07/25 21:44	10/08/25 11:49	1
Benzaldehyde	0.36	U	0.36	0.059	mg/Kg	☼	10/07/25 21:44	10/08/25 11:49	1
Benzo[a]anthracene	0.036	U	0.036	0.027	mg/Kg	☼	10/07/25 21:44	10/08/25 11:49	1
Benzo[a]pyrene	**0.017**	**J**	0.036	0.0095	mg/Kg	☼	10/07/25 21:44	10/08/25 11:49	1
Benzo[b]fluoranthene	**0.024**	**J**	0.036	0.0093	mg/Kg	☼	10/07/25 21:44	10/08/25 11:49	1
Benzo[g,h,i]perylene	**0.017**	**J**	0.36	0.011	mg/Kg	☼	10/07/25 21:44	10/08/25 11:49	1
Benzo[k]fluoranthene	**0.0070**	**J**	0.036	0.0070	mg/Kg	☼	10/07/25 21:44	10/08/25 11:49	1
Bis(2-chloroethoxy)methane	0.36	U	0.36	0.066	mg/Kg	☼	10/07/25 21:44	10/08/25 11:49	1
Bis(2-chloroethyl)ether	0.036	U	0.036	0.012	mg/Kg	☼	10/07/25 21:44	10/08/25 11:49	1
Bis(2-ethylhexyl) phthalate	0.36	U	0.36	0.019	mg/Kg	☼	10/07/25 21:44	10/08/25 11:49	1
Butyl benzyl phthalate	0.36	U	0.36	0.017	mg/Kg	☼	10/07/25 21:44	10/08/25 11:49	1
Caprolactam	0.36	U	0.36	0.056	mg/Kg	☼	10/07/25 21:44	10/08/25 11:49	1
Carbazole	0.36	U	0.36	0.014	mg/Kg	☼	10/07/25 21:44	10/08/25 11:49	1
Chrysene	**0.019**	**J**	0.36	0.015	mg/Kg	☼	10/07/25 21:44	10/08/25 11:49	1
Dibenz(a,h)anthracene	0.036	U	0.036	0.015	mg/Kg	☼	10/07/25 21:44	10/08/25 11:49	1
Dibenzofuran	0.36	U	0.36	0.012	mg/Kg	☼	10/07/25 21:44	10/08/25 11:49	1

Client Sample ID: 61A_0-3
Date Collected: 10/06/25 08:40
Date Received: 10/06/25 15:30

Lab Sample ID: 460-336556-9
Matrix: Solid
Percent Solids: 91.8

Method: SW846 8270E - Semivolatile Organic Compounds (GC/MS) (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Diethyl phthalate	0.36	U	0.36	0.012	mg/Kg	☼	10/07/25 21:44	10/08/25 11:49	1
Dimethyl phthalate	0.36	U	0.36	0.081	mg/Kg	☼	10/07/25 21:44	10/08/25 11:49	1
Di-n-butyl phthalate	0.36	U	0.36	0.013	mg/Kg	☼	10/07/25 21:44	10/08/25 11:49	1
Di-n-octyl phthalate	0.36	U	0.36	0.019	mg/Kg	☼	10/07/25 21:44	10/08/25 11:49	1
Fluoranthene	**0.025**	**J**	0.36	0.012	mg/Kg	☼	10/07/25 21:44	10/08/25 11:49	1
Fluorene	0.36	U	0.36	0.010	mg/Kg	☼	10/07/25 21:44	10/08/25 11:49	1
Hexachlorobenzene	0.036	U	0.036	0.017	mg/Kg	☼	10/07/25 21:44	10/08/25 11:49	1
Hexachlorobutadiene	0.072	U	0.072	0.0076	mg/Kg	☼	10/07/25 21:44	10/08/25 11:49	1
Hexachlorocyclopentadiene	0.36	U	0.36	0.031	mg/Kg	☼	10/07/25 21:44	10/08/25 11:49	1
Hexachloroethane	0.036	U	0.036	0.012	mg/Kg	☼	10/07/25 21:44	10/08/25 11:49	1
Indeno[1,2,3-cd]pyrene	**0.014**	**J**	0.036	0.014	mg/Kg	☼	10/07/25 21:44	10/08/25 11:49	1
Isophorone	0.14	U	0.14	0.10	mg/Kg	☼	10/07/25 21:44	10/08/25 11:49	1
Naphthalene	0.36	U	0.36	0.0062	mg/Kg	☼	10/07/25 21:44	10/08/25 11:49	1
Nitrobenzene	0.036	U	0.036	0.020	mg/Kg	☼	10/07/25 21:44	10/08/25 11:49	1
N-Nitrosodi-n-propylamine	0.036	U	0.036	0.026	mg/Kg	☼	10/07/25 21:44	10/08/25 11:49	1
N-Nitrosodiphenylamine	0.36	U	0.36	0.029	mg/Kg	☼	10/07/25 21:44	10/08/25 11:49	1
Pentachlorophenol	0.29	U	0.29	0.073	mg/Kg	☼	10/07/25 21:44	10/08/25 11:49	1
Phenanthrene	**0.015**	**J**	0.36	0.015	mg/Kg	☼	10/07/25 21:44	10/08/25 11:49	1
Phenol	0.36	U	0.36	0.013	mg/Kg	☼	10/07/25 21:44	10/08/25 11:49	1
Pyrene	**0.021**	**J**	0.36	0.0089	mg/Kg	☼	10/07/25 21:44	10/08/25 11:49	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
2,4,6-Tribromophenol (Surr)	*63*		*18 - 137*	*10/07/25 21:44*	*10/08/25 11:49*	*1*
2-Fluorobiphenyl	*61*		*33 - 117*	*10/07/25 21:44*	*10/08/25 11:49*	*1*
2-Fluorophenol (Surr)	*64*		*24 - 120*	*10/07/25 21:44*	*10/08/25 11:49*	*1*
Nitrobenzene-d5 (Surr)	*56*		*27 - 120*	*10/07/25 21:44*	*10/08/25 11:49*	*1*
Phenol-d5 (Surr)	*60*		*28 - 118*	*10/07/25 21:44*	*10/08/25 11:49*	*1*
Terphenyl-d14 (Surr)	*64*		*33 - 124*	*10/07/25 21:44*	*10/08/25 11:49*	*1*

Method: SW846 8081B - Organochlorine Pesticides (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
4,4'-DDD	0.0073	U	0.0073	0.0012	mg/Kg	☼	10/07/25 17:46	10/08/25 11:00	1
4,4'-DDE	0.0073	U	0.0073	0.00086	mg/Kg	☼	10/07/25 17:46	10/08/25 11:00	1
4,4'-DDT	0.0073	U	0.0073	0.0013	mg/Kg	☼	10/07/25 17:46	10/08/25 11:00	1
Aldrin	0.0073	U	0.0073	0.0011	mg/Kg	☼	10/07/25 17:46	10/08/25 11:00	1
alpha-BHC	0.0022	U	0.0022	0.00074	mg/Kg	☼	10/07/25 17:46	10/08/25 11:00	1
beta-BHC	0.0022	U	0.0022	0.00082	mg/Kg	☼	10/07/25 17:46	10/08/25 11:00	1
Chlordane (technical)	0.073	U	0.073	0.018	mg/Kg	☼	10/07/25 17:46	10/08/25 11:00	1
cis-Chlordane	0.0073	U	0.0073	0.0012	mg/Kg	☼	10/07/25 17:46	10/08/25 11:00	1
delta-BHC	0.0022	U	0.0022	0.00045	mg/Kg	☼	10/07/25 17:46	10/08/25 11:00	1
Dieldrin	0.0022	U	0.0022	0.00095	mg/Kg	☼	10/07/25 17:46	10/08/25 11:00	1
Endosulfan I	0.0073	U	0.0073	0.0011	mg/Kg	☼	10/07/25 17:46	10/08/25 11:00	1
Endosulfan II	0.0073	U	0.0073	0.0019	mg/Kg	☼	10/07/25 17:46	10/08/25 11:00	1
Endosulfan sulfate	0.0073	U	0.0073	0.00092	mg/Kg	☼	10/07/25 17:46	10/08/25 11:00	1
Endrin	0.0073	U	0.0073	0.0010	mg/Kg	☼	10/07/25 17:46	10/08/25 11:00	1
Endrin aldehyde	0.0073	U	0.0073	0.0017	mg/Kg	☼	10/07/25 17:46	10/08/25 11:00	1
Endrin ketone	0.0073	U	0.0073	0.0014	mg/Kg	☼	10/07/25 17:46	10/08/25 11:00	1
gamma-BHC (Lindane)	0.0022	U	0.0022	0.00068	mg/Kg	☼	10/07/25 17:46	10/08/25 11:00	1
Heptachlor	0.0073	U	0.0073	0.00086	mg/Kg	☼	10/07/25 17:46	10/08/25 11:00	1
Heptachlor epoxide	0.0073	U	0.0073	0.0011	mg/Kg	☼	10/07/25 17:46	10/08/25 11:00	1

Client Sample ID: 61A_0-3
Date Collected: 10/06/25 08:40
Date Received: 10/06/25 15:30

Lab Sample ID: 460-336556-9
Matrix: Solid
Percent Solids: 91.8

Method: SW846 8081B - Organochlorine Pesticides (GC) (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Methoxychlor	0.0073	U	0.0073	0.0017	mg/Kg	☼	10/07/25 17:46	10/08/25 11:00	1
Toxaphene	0.073	U	0.073	0.026	mg/Kg	☼	10/07/25 17:46	10/08/25 11:00	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
DCB Decachlorobiphenyl	*127*		*10 - 150*	*10/07/25 17:46*	*10/08/25 11:00*	*1*
DCB Decachlorobiphenyl	*129*		*10 - 150*	*10/07/25 17:46*	*10/08/25 11:00*	*1*
Tetrachloro-m-xylene	*106*		*14 - 150*	*10/07/25 17:46*	*10/08/25 11:00*	*1*
Tetrachloro-m-xylene	*105*		*14 - 150*	*10/07/25 17:46*	*10/08/25 11:00*	*1*

Method: SW846 8082A - Polychlorinated Biphenyls (PCBs) by Gas Chromatography

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Aroclor 1016	0.073	U	0.073	0.019	mg/Kg	☼	10/07/25 17:40	10/08/25 12:27	1
Aroclor 1221	0.073	U	0.073	0.019	mg/Kg	☼	10/07/25 17:40	10/08/25 12:27	1
Aroclor 1232	0.073	U	0.073	0.019	mg/Kg	☼	10/07/25 17:40	10/08/25 12:27	1
Aroclor 1242	0.073	U	0.073	0.019	mg/Kg	☼	10/07/25 17:40	10/08/25 12:27	1
Aroclor 1248	0.073	U	0.073	0.019	mg/Kg	☼	10/07/25 17:40	10/08/25 12:27	1
Aroclor 1254	0.073	U	0.073	0.019	mg/Kg	☼	10/07/25 17:40	10/08/25 12:27	1
Aroclor 1260	0.073	U	0.073	0.019	mg/Kg	☼	10/07/25 17:40	10/08/25 12:27	1
Aroclor-1262	0.073	U	0.073	0.019	mg/Kg	☼	10/07/25 17:40	10/08/25 12:27	1
Aroclor 1268	0.073	U	0.073	0.019	mg/Kg	☼	10/07/25 17:40	10/08/25 12:27	1
Polychlorinated biphenyls, Total	0.073	U	0.073	0.019	mg/Kg	☼	10/07/25 17:40	10/08/25 12:27	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
DCB Decachlorobiphenyl	*103*		*10 - 150*	*10/07/25 17:40*	*10/08/25 12:27*	*1*
DCB Decachlorobiphenyl	*117*		*10 - 150*	*10/07/25 17:40*	*10/08/25 12:27*	*1*
Tetrachloro-m-xylene	*82*		*10 - 150*	*10/07/25 17:40*	*10/08/25 12:27*	*1*
Tetrachloro-m-xylene	*88*		*10 - 150*	*10/07/25 17:40*	*10/08/25 12:27*	*1*

Method: EPA 1633A - Per- and Polyfluoroalkyl Substances by LC/MS/MS, 1633A

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Perfluorobutanoic acid (PFBA)	0.40	U	0.40	0.10	ug/Kg	☼	10/08/25 14:13	10/09/25 09:15	1
Perfluoropentanoic acid (PFPeA)	0.20	U	0.20	0.10	ug/Kg	☼	10/08/25 14:13	10/09/25 09:15	1
Perfluorohexanoic acid (PFHxA)	0.20	U	0.20	0.10	ug/Kg	☼	10/08/25 14:13	10/09/25 09:15	1
Perfluoroheptanoic acid (PFHpA)	0.20	U	0.20	0.10	ug/Kg	☼	10/08/25 14:13	10/09/25 09:15	1
Perfluorooctanoic acid (PFOA)	**0.073**	**J**	0.20	0.060	ug/Kg	☼	10/08/25 14:13	10/09/25 09:15	1
Perfluorononanoic acid (PFNA)	**1.29**		0.20	0.10	ug/Kg	☼	10/08/25 14:13	10/09/25 09:15	1
Perfluorodecanoic acid (PFDA)	**0.27**		0.20	0.060	ug/Kg	☼	10/08/25 14:13	10/09/25 09:15	1
Perfluoroundecanoic acid (PFUnA)	**1.33**		0.20	0.10	ug/Kg	☼	10/08/25 14:13	10/09/25 09:15	1
Perfluorododecanoic acid (PFDoA)	0.20	U	0.20	0.10	ug/Kg	☼	10/08/25 14:13	10/09/25 09:15	1
Perfluorotridecanoic acid (PFTrDA)	**0.77**		0.20	0.10	ug/Kg	☼	10/08/25 14:13	10/09/25 09:15	1
Perfluorotetradecanoic acid (PFTeDA)	0.20	U	0.20	0.10	ug/Kg	☼	10/08/25 14:13	10/09/25 09:15	1
Perfluorobutanesulfonic acid (PFBS)	0.20	U	0.20	0.10	ug/Kg	☼	10/08/25 14:13	10/09/25 09:15	1
Perfluoropentanesulfonic acid (PFPeS)	0.20	U	0.20	0.10	ug/Kg	☼	10/08/25 14:13	10/09/25 09:15	1
Perfluorohexanesulfonic acid (PFHxS)	0.20	U	0.20	0.10	ug/Kg	☼	10/08/25 14:13	10/09/25 09:15	1
Perfluoroheptanesulfonic acid (PFHpS)	0.20	U	0.20	0.10	ug/Kg	☼	10/08/25 14:13	10/09/25 09:15	1
Perfluorooctanesulfonic acid (PFOS)	0.20	U	0.20	0.10	ug/Kg	☼	10/08/25 14:13	10/09/25 09:15	1
Perfluorononanesulfonic acid (PFNS)	0.20	U	0.20	0.10	ug/Kg	☼	10/08/25 14:13	10/09/25 09:15	1

Client Sample ID: 61A_0-3
Date Collected: 10/06/25 08:40
Date Received: 10/06/25 15:30

Lab Sample ID: 460-336556-9
Matrix: Solid
Percent Solids: 91.8

Method: EPA 1633A - Per- and Polyfluoroalkyl Substances by LC/MS/MS, 1633A (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Perfluorodecanesulfonic acid (PFDS)	0.20	U	0.20	0.10	ug/Kg	☼	10/08/25 14:13	10/09/25 09:15	1
Perfluorododecanesulfonic acid (PFDoS)	0.20	U	0.20	0.10	ug/Kg	☼	10/08/25 14:13	10/09/25 09:15	1
1H,1H,2H,2H-Perfluorohexane sulfonic acid (4:2 FTS)	0.40	U	0.40	0.20	ug/Kg	☼	10/08/25 14:13	10/09/25 09:15	1
1H,1H,2H,2H-Perfluorooctane sulfonic acid (6:2 FTS)	0.40	U	0.40	0.20	ug/Kg	☼	10/08/25 14:13	10/09/25 09:15	1
1H,1H,2H,2H-Perfluorodecane sulfonic acid (8:2 FTS)	0.40	U	0.40	0.20	ug/Kg	☼	10/08/25 14:13	10/09/25 09:15	1
Perfluorooctanesulfonamide (PFOSA)	0.20	U	0.20	0.10	ug/Kg	☼	10/08/25 14:13	10/09/25 09:15	1
N-methylperfluorooctane sulfonamide (NMeFOSA)	0.20	U	0.20	0.10	ug/Kg	☼	10/08/25 14:13	10/09/25 09:15	1
N-ethylperfluorooctane sulfonamide (NEtFOSA)	0.20	U	0.20	0.10	ug/Kg	☼	10/08/25 14:13	10/09/25 09:15	1
N-methylperfluorooctanesulfonamidoacetic acid (NMeFOSAA)	0.20	U	0.20	0.10	ug/Kg	☼	10/08/25 14:13	10/09/25 09:15	1
N-ethylperfluorooctanesulfonamidoacetic acid (NEtFOSAA)	0.20	U	0.20	0.10	ug/Kg	☼	10/08/25 14:13	10/09/25 09:15	1
N-methylperfluorooctane sulfonamidoethanol (NMeFOSE)	1.0	U	1.0	0.50	ug/Kg	☼	10/08/25 14:13	10/09/25 09:15	1
N-ethylperfluorooctane sulfonamidoethanol (NEtFOSE)	1.0	U	1.0	0.50	ug/Kg	☼	10/08/25 14:13	10/09/25 09:15	1
Hexafluoropropylene Oxide Dimer Acid (HFPO-DA)	0.20	U	0.20	0.10	ug/Kg	☼	10/08/25 14:13	10/09/25 09:15	1
4,8-Dioxa-3H-perfluorononanoic acid (ADONA)	0.20	U	0.20	0.10	ug/Kg	☼	10/08/25 14:13	10/09/25 09:15	1
Perfluoro-3-methoxypropanoic acid (PFMPA)	0.20	U	0.20	0.10	ug/Kg	☼	10/08/25 14:13	10/09/25 09:15	1
Perfluoro-4-methoxybutanoic acid (PFMBA)	0.20	U	0.20	0.10	ug/Kg	☼	10/08/25 14:13	10/09/25 09:15	1
Nonafluoro-3,6-dioxaheptanoic acid (NFDHA)	0.20	U	0.20	0.10	ug/Kg	☼	10/08/25 14:13	10/09/25 09:15	1
9-Chlorohexadecafluoro-3-oxanonane-1-sulfonic acid (9Cl-PF3ONS)	0.20	U	0.20	0.10	ug/Kg	☼	10/08/25 14:13	10/09/25 09:15	1
11-Chloroeicosafluoro-3-oxaundecane-1-sulfonic acid (11Cl-PF3OUdS)	0.20	U	0.20	0.10	ug/Kg	☼	10/08/25 14:13	10/09/25 09:15	1
Perfluoro (2-ethoxyethane) sulfonic acid (PFEESA)	0.20	U	0.20	0.10	ug/Kg	☼	10/08/25 14:13	10/09/25 09:15	1
3-Perfluoropropylpropanoic acid (3:3 FTCA)	0.40	U	0.40	0.20	ug/Kg	☼	10/08/25 14:13	10/09/25 09:15	1
3-Perfluoropentylpropanoic acid (5:3 FTCA)	1.0	U	1.0	0.50	ug/Kg	☼	10/08/25 14:13	10/09/25 09:15	1
3-Perfluoroheptylpropanoic acid (7:3 FTCA)	1.0	U	1.0	0.50	ug/Kg	☼	10/08/25 14:13	10/09/25 09:15	1

Isotope Dilution	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
13C4 PFBA	*95.6*		*8 - 130*	*10/08/25 14:13*	*10/09/25 09:15*	*1*
13C5 PFPeA	*85.6*		*35 - 130*	*10/08/25 14:13*	*10/09/25 09:15*	*1*
13C5 PFHxA	*84.4*		*40 - 130*	*10/08/25 14:13*	*10/09/25 09:15*	*1*
13C4 PFHpA	*96.6*		*40 - 130*	*10/08/25 14:13*	*10/09/25 09:15*	*1*
13C8 PFOA	*88.7*		*40 - 130*	*10/08/25 14:13*	*10/09/25 09:15*	*1*
13C9 PFNA	*87.5*		*40 - 130*	*10/08/25 14:13*	*10/09/25 09:15*	*1*
13C6 PFDA	*88.2*		*40 - 130*	*10/08/25 14:13*	*10/09/25 09:15*	*1*
13C7 PFUnA	*89.5*		*40 - 130*	*10/08/25 14:13*	*10/09/25 09:15*	*1*
13C2 PFTeDA	*66.6*		*20 - 130*	*10/08/25 14:13*	*10/09/25 09:15*	*1*

Client Sample ID: 61A_0-3

Date Collected: 10/06/25 08:40
Date Received: 10/06/25 15:30

Lab Sample ID: 460-336556-9

Matrix: Solid
Percent Solids: 91.8

Method: EPA 1633A - Per- and Polyfluoroalkyl Substances by LC/MS/MS, 1633A (Continued)

Isotope Dilution	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
13C3 PFBS	91.5		40 - 135	10/08/25 14:13	10/09/25 09:15	1
13C3 PFHxS	86.8		40 - 130	10/08/25 14:13	10/09/25 09:15	1
13C8 PFOS	83.7		40 - 130	10/08/25 14:13	10/09/25 09:15	1
13C8 FOSA	79.0		40 - 130	10/08/25 14:13	10/09/25 09:15	1
d3-NMeFOSAA	59.9		40 - 135	10/08/25 14:13	10/09/25 09:15	1
d5-NEtFOSAA	81.1		40 - 150	10/08/25 14:13	10/09/25 09:15	1
13C2 4:2 FTS	99.5		40 - 165	10/08/25 14:13	10/09/25 09:15	1
13C2 6:2 FTS	83.9		40 - 215	10/08/25 14:13	10/09/25 09:15	1
13C2 8:2 FTS	83.4		40 - 275	10/08/25 14:13	10/09/25 09:15	1
13C3 HFPO-DA	90.3		40 - 130	10/08/25 14:13	10/09/25 09:15	1
d7-N-MeFOSE-M	70.2		20 - 130	10/08/25 14:13	10/09/25 09:15	1
d9-N-EtFOSE-M	60.3		15 - 130	10/08/25 14:13	10/09/25 09:15	1
d5-NEtPFOSA	59.4		10 - 130	10/08/25 14:13	10/09/25 09:15	1
d3-NMePFOSA	69.9		10 - 130	10/08/25 14:13	10/09/25 09:15	1
13C2 PFDoA	80.0		40 - 130	10/08/25 14:13	10/09/25 09:15	1

Method: SW846 6020B - Metals (ICP/MS)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Aluminum	8750		17.0	4.7	mg/Kg	☼	10/09/25 18:35	10/10/25 18:10	1
Antimony	1.3		0.85	0.12	mg/Kg	☼	10/09/25 18:35	10/10/25 18:10	1
Arsenic	6.3		0.85	0.088	mg/Kg	☼	10/09/25 18:35	10/10/25 18:10	1
Barium	53.1		1.7	0.12	mg/Kg	☼	10/09/25 18:35	10/10/25 18:10	1
Beryllium	0.56		0.34	0.019	mg/Kg	☼	10/09/25 18:35	10/10/25 18:10	1
Cadmium	0.17	J	0.85	0.096	mg/Kg	☼	10/09/25 18:35	10/10/25 18:10	1
Calcium	809		85.1	8.3	mg/Kg	☼	10/09/25 18:35	10/10/25 18:10	1
Chromium	16.8		1.7	0.25	mg/Kg	☼	10/09/25 18:35	10/10/25 18:10	1
Cobalt	7.5		0.85	0.13	mg/Kg	☼	10/09/25 18:35	10/10/25 18:10	1
Copper	29.4		1.7	0.31	mg/Kg	☼	10/09/25 18:35	10/10/25 18:10	1
Iron	24000		51.1	6.5	mg/Kg	☼	10/09/25 18:35	10/10/25 18:10	1
Lead	24.2		0.51	0.17	mg/Kg	☼	10/09/25 18:35	10/10/25 18:10	1
Magnesium	2920		85.1	8.7	mg/Kg	☼	10/09/25 18:35	10/10/25 18:10	1
Manganese	333		3.4	0.34	mg/Kg	☼	10/09/25 18:35	10/10/25 18:10	1
Nickel	15.9		1.7	0.15	mg/Kg	☼	10/09/25 18:35	10/10/25 18:10	1
Potassium	1700		85.1	13.8	mg/Kg	☼	10/09/25 18:35	10/10/25 18:10	1
Selenium	0.27	J	1.1	0.11	mg/Kg	☼	10/09/25 18:35	10/10/25 18:10	1
Silver	0.13	J	0.34	0.076	mg/Kg	☼	10/09/25 18:35	10/10/25 18:10	1
Sodium	91.6		85.1	38.9	mg/Kg	☼	10/09/25 18:35	10/10/25 18:10	1
Thallium	0.11	J	0.34	0.035	mg/Kg	☼	10/09/25 18:35	10/10/25 18:10	1
Vanadium	25.0		1.7	0.18	mg/Kg	☼	10/09/25 18:35	10/10/25 18:10	1
Zinc	52.4		6.8	0.93	mg/Kg	☼	10/09/25 18:35	10/10/25 18:10	1

Method: SW846 7471B - Mercury (CVAA)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	0.021		0.017	0.0079	mg/Kg	☼	10/14/25 02:12	10/14/25 08:47	1

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Percent Moisture (EPA Moisture)	8.2		1.0	1.0	%			10/07/25 16:13	1
Percent Solids (EPA Moisture)	91.8		1.0	1.0	%			10/07/25 16:13	1

Client: Haley & Aldrich, Inc.
Project/Site: Former Port Mobil

Job ID: 460-336556-1

Client Sample ID: 61A_3-6
Date Collected: 10/06/25 08:45
Date Received: 10/06/25 15:30

Lab Sample ID: 460-336556-10
Matrix: Solid
Percent Solids: 89.8

Method: SW846 8270E - Semivolatile Organic Compounds (GC/MS)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1'-Biphenyl	0.36	U	0.36	0.013	mg/Kg	☼	10/07/25 21:44	10/08/25 12:12	1
1,2,4,5-Tetrachlorobenzene	0.36	U	0.36	0.011	mg/Kg	☼	10/07/25 21:44	10/08/25 12:12	1
1,4-Dioxane	0.036	U	0.036	0.032	mg/Kg	☼	10/07/25 21:44	10/08/25 12:12	1
2,2'-oxybis[1-chloropropane]	0.36	U	0.36	0.022	mg/Kg	☼	10/07/25 21:44	10/08/25 12:12	1
2,3,4,6-Tetrachlorophenol	0.36	U	0.36	0.025	mg/Kg	☼	10/07/25 21:44	10/08/25 12:12	1
2,4,5-Trichlorophenol	0.36	U	0.36	0.037	mg/Kg	☼	10/07/25 21:44	10/08/25 12:12	1
2,4,6-Trichlorophenol	0.15	U	0.15	0.047	mg/Kg	☼	10/07/25 21:44	10/08/25 12:12	1
2,4-Dichlorophenol	0.15	U	0.15	0.023	mg/Kg	☼	10/07/25 21:44	10/08/25 12:12	1
2,4-Dimethylphenol	0.36	U	0.36	0.043	mg/Kg	☼	10/07/25 21:44	10/08/25 12:12	1
2,4-Dinitrophenol	0.29	U	0.29	0.18	mg/Kg	☼	10/07/25 21:44	10/08/25 12:12	1
2,4-Dinitrotoluene	0.074	U	0.074	0.039	mg/Kg	☼	10/07/25 21:44	10/08/25 12:12	1
2,6-Dinitrotoluene	0.074	U	0.074	0.026	mg/Kg	☼	10/07/25 21:44	10/08/25 12:12	1
2-Chloronaphthalene	0.36	U	0.36	0.047	mg/Kg	☼	10/07/25 21:44	10/08/25 12:12	1
2-Chlorophenol	0.36	U	0.36	0.013	mg/Kg	☼	10/07/25 21:44	10/08/25 12:12	1
2-Methylnaphthalene	0.36	U	0.36	0.010	mg/Kg	☼	10/07/25 21:44	10/08/25 12:12	1
2-Methylphenol	0.36	U	0.36	0.014	mg/Kg	☼	10/07/25 21:44	10/08/25 12:12	1
2-Nitroaniline	0.36	U	0.36	0.028	mg/Kg	☼	10/07/25 21:44	10/08/25 12:12	1
2-Nitrophenol	0.36	U	0.36	0.036	mg/Kg	☼	10/07/25 21:44	10/08/25 12:12	1
3 & 4 Methylphenol	0.36	U	0.36	0.023	mg/Kg	☼	10/07/25 21:44	10/08/25 12:12	1
3,3'-Dichlorobenzidine	0.15	U	0.15	0.055	mg/Kg	☼	10/07/25 21:44	10/08/25 12:12	1
3-Nitroaniline	0.36	U	0.36	0.086	mg/Kg	☼	10/07/25 21:44	10/08/25 12:12	1
4,6-Dinitro-2-methylphenol	0.29	U	0.29	0.15	mg/Kg	☼	10/07/25 21:44	10/08/25 12:12	1
4-Bromophenyl phenyl ether	0.36	U	0.36	0.014	mg/Kg	☼	10/07/25 21:44	10/08/25 12:12	1
4-Chloro-3-methylphenol	0.36	U	0.36	0.020	mg/Kg	☼	10/07/25 21:44	10/08/25 12:12	1
4-Chloroaniline	0.36	U	0.36	0.065	mg/Kg	☼	10/07/25 21:44	10/08/25 12:12	1
4-Chlorophenyl phenyl ether	0.36	U	0.36	0.013	mg/Kg	☼	10/07/25 21:44	10/08/25 12:12	1
4-Methylphenol	0.36	U	0.36	0.023	mg/Kg	☼	10/07/25 21:44	10/08/25 12:12	1
4-Nitroaniline	0.36	U	0.36	0.092	mg/Kg	☼	10/07/25 21:44	10/08/25 12:12	1
4-Nitrophenol	0.74	U	0.74	0.059	mg/Kg	☼	10/07/25 21:44	10/08/25 12:12	1
Acenaphthene	0.36	U	0.36	0.010	mg/Kg	☼	10/07/25 21:44	10/08/25 12:12	1
Acenaphthylene	0.36	U	0.36	0.010	mg/Kg	☼	10/07/25 21:44	10/08/25 12:12	1
Acetophenone	0.36	U	0.36	0.018	mg/Kg	☼	10/07/25 21:44	10/08/25 12:12	1
Anthracene	0.36	U	0.36	0.011	mg/Kg	☼	10/07/25 21:44	10/08/25 12:12	1
Atrazine	0.15	U	0.15	0.021	mg/Kg	☼	10/07/25 21:44	10/08/25 12:12	1
Benzaldehyde	0.36	U	0.36	0.060	mg/Kg	☼	10/07/25 21:44	10/08/25 12:12	1
Benzo[a]anthracene	0.036	U	0.036	0.027	mg/Kg	☼	10/07/25 21:44	10/08/25 12:12	1
Benzo[a]pyrene	0.036	U	0.036	0.0097	mg/Kg	☼	10/07/25 21:44	10/08/25 12:12	1
Benzo[b]fluoranthene	0.036	U	0.036	0.0094	mg/Kg	☼	10/07/25 21:44	10/08/25 12:12	1
Benzo[g,h,i]perylene	0.36	U	0.36	0.011	mg/Kg	☼	10/07/25 21:44	10/08/25 12:12	1
Benzo[k]fluoranthene	0.036	U	0.036	0.0071	mg/Kg	☼	10/07/25 21:44	10/08/25 12:12	1
Bis(2-chloroethoxy)methane	0.36	U	0.36	0.067	mg/Kg	☼	10/07/25 21:44	10/08/25 12:12	1
Bis(2-chloroethyl)ether	0.036	U	0.036	0.013	mg/Kg	☼	10/07/25 21:44	10/08/25 12:12	1
Bis(2-ethylhexyl) phthalate	0.36	U	0.36	0.019	mg/Kg	☼	10/07/25 21:44	10/08/25 12:12	1
Butyl benzyl phthalate	0.36	U	0.36	0.017	mg/Kg	☼	10/07/25 21:44	10/08/25 12:12	1
Caprolactam	0.36	U	0.36	0.057	mg/Kg	☼	10/07/25 21:44	10/08/25 12:12	1
Carbazole	0.36	U	0.36	0.014	mg/Kg	☼	10/07/25 21:44	10/08/25 12:12	1
Chrysene	0.36	U	0.36	0.015	mg/Kg	☼	10/07/25 21:44	10/08/25 12:12	1
Dibenz(a,h)anthracene	0.036	U	0.036	0.016	mg/Kg	☼	10/07/25 21:44	10/08/25 12:12	1
Dibenzofuran	0.36	U	0.36	0.012	mg/Kg	☼	10/07/25 21:44	10/08/25 12:12	1

Client Sample ID: 61A_3-6
Date Collected: 10/06/25 08:45
Date Received: 10/06/25 15:30

Lab Sample ID: 460-336556-10
Matrix: Solid
Percent Solids: 89.8

Method: SW846 8270E - Semivolatile Organic Compounds (GC/MS) (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Diethyl phthalate	0.36	U	0.36	0.012	mg/Kg	☼	10/07/25 21:44	10/08/25 12:12	1
Dimethyl phthalate	0.36	U	0.36	0.083	mg/Kg	☼	10/07/25 21:44	10/08/25 12:12	1
Di-n-butyl phthalate	0.36	U	0.36	0.014	mg/Kg	☼	10/07/25 21:44	10/08/25 12:12	1
Di-n-octyl phthalate	0.36	U	0.36	0.019	mg/Kg	☼	10/07/25 21:44	10/08/25 12:12	1
Fluoranthene	0.36	U	0.36	0.013	mg/Kg	☼	10/07/25 21:44	10/08/25 12:12	1
Fluorene	0.36	U	0.36	0.011	mg/Kg	☼	10/07/25 21:44	10/08/25 12:12	1
Hexachlorobenzene	0.036	U	0.036	0.017	mg/Kg	☼	10/07/25 21:44	10/08/25 12:12	1
Hexachlorobutadiene	0.074	U	0.074	0.0077	mg/Kg	☼	10/07/25 21:44	10/08/25 12:12	1
Hexachlorocyclopentadiene	0.36	U	0.36	0.032	mg/Kg	☼	10/07/25 21:44	10/08/25 12:12	1
Hexachloroethane	0.036	U	0.036	0.012	mg/Kg	☼	10/07/25 21:44	10/08/25 12:12	1
Indeno[1,2,3-cd]pyrene	0.036	U	0.036	0.014	mg/Kg	☼	10/07/25 21:44	10/08/25 12:12	1
Isophorone	0.15	U	0.15	0.11	mg/Kg	☼	10/07/25 21:44	10/08/25 12:12	1
Naphthalene	0.36	U	0.36	0.0063	mg/Kg	☼	10/07/25 21:44	10/08/25 12:12	1
Nitrobenzene	0.036	U	0.036	0.020	mg/Kg	☼	10/07/25 21:44	10/08/25 12:12	1
N-Nitrosodi-n-propylamine	0.036	U	0.036	0.026	mg/Kg	☼	10/07/25 21:44	10/08/25 12:12	1
N-Nitrosodiphenylamine	0.36	U	0.36	0.030	mg/Kg	☼	10/07/25 21:44	10/08/25 12:12	1
Pentachlorophenol	0.29	U	0.29	0.075	mg/Kg	☼	10/07/25 21:44	10/08/25 12:12	1
Phenanthrene	0.36	U	0.36	0.015	mg/Kg	☼	10/07/25 21:44	10/08/25 12:12	1
Phenol	0.36	U	0.36	0.013	mg/Kg	☼	10/07/25 21:44	10/08/25 12:12	1
Pyrene	0.36	U	0.36	0.0090	mg/Kg	☼	10/07/25 21:44	10/08/25 12:12	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
2,4,6-Tribromophenol (Surr)	*66*		*18 - 137*	*10/07/25 21:44*	*10/08/25 12:12*	*1*
2-Fluorobiphenyl	*65*		*33 - 117*	*10/07/25 21:44*	*10/08/25 12:12*	*1*
2-Fluorophenol (Surr)	*64*		*24 - 120*	*10/07/25 21:44*	*10/08/25 12:12*	*1*
Nitrobenzene-d5 (Surr)	*57*		*27 - 120*	*10/07/25 21:44*	*10/08/25 12:12*	*1*
Phenol-d5 (Surr)	*59*		*28 - 118*	*10/07/25 21:44*	*10/08/25 12:12*	*1*
Terphenyl-d14 (Surr)	*67*		*33 - 124*	*10/07/25 21:44*	*10/08/25 12:12*	*1*

Method: SW846 8081B - Organochlorine Pesticides (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
4,4'-DDD	0.0075	U	0.0075	0.0013	mg/Kg	☼	10/07/25 17:46	10/08/25 11:16	1
4,4'-DDE	0.0075	U	0.0075	0.00088	mg/Kg	☼	10/07/25 17:46	10/08/25 11:16	1
4,4'-DDT	0.0075	U	0.0075	0.0014	mg/Kg	☼	10/07/25 17:46	10/08/25 11:16	1
Aldrin	0.0075	U	0.0075	0.0011	mg/Kg	☼	10/07/25 17:46	10/08/25 11:16	1
alpha-BHC	0.0022	U	0.0022	0.00076	mg/Kg	☼	10/07/25 17:46	10/08/25 11:16	1
beta-BHC	0.0022	U	0.0022	0.00083	mg/Kg	☼	10/07/25 17:46	10/08/25 11:16	1
Chlordane (technical)	0.075	U	0.075	0.018	mg/Kg	☼	10/07/25 17:46	10/08/25 11:16	1
cis-Chlordane	0.0075	U	0.0075	0.0012	mg/Kg	☼	10/07/25 17:46	10/08/25 11:16	1
delta-BHC	0.0022	U	0.0022	0.00046	mg/Kg	☼	10/07/25 17:46	10/08/25 11:16	1
Dieldrin	0.0022	U	0.0022	0.00097	mg/Kg	☼	10/07/25 17:46	10/08/25 11:16	1
Endosulfan I	0.0075	U	0.0075	0.0011	mg/Kg	☼	10/07/25 17:46	10/08/25 11:16	1
Endosulfan II	0.0075	U	0.0075	0.0019	mg/Kg	☼	10/07/25 17:46	10/08/25 11:16	1
Endosulfan sulfate	0.0075	U	0.0075	0.00094	mg/Kg	☼	10/07/25 17:46	10/08/25 11:16	1
Endrin	0.0075	U	0.0075	0.0011	mg/Kg	☼	10/07/25 17:46	10/08/25 11:16	1
Endrin aldehyde	0.0075	U	0.0075	0.0018	mg/Kg	☼	10/07/25 17:46	10/08/25 11:16	1
Endrin ketone	0.0075	U	0.0075	0.0014	mg/Kg	☼	10/07/25 17:46	10/08/25 11:16	1
gamma-BHC (Lindane)	0.0022	U	0.0022	0.00069	mg/Kg	☼	10/07/25 17:46	10/08/25 11:16	1
Heptachlor	0.0075	U	0.0075	0.00088	mg/Kg	☼	10/07/25 17:46	10/08/25 11:16	1
Heptachlor epoxide	0.0075	U	0.0075	0.0011	mg/Kg	☼	10/07/25 17:46	10/08/25 11:16	1

Client Sample ID: 61A_3-6
Date Collected: 10/06/25 08:45
Date Received: 10/06/25 15:30

Lab Sample ID: 460-336556-10
Matrix: Solid
Percent Solids: 89.8

Method: SW846 8081B - Organochlorine Pesticides (GC) (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Methoxychlor	0.0075	U	0.0075	0.0017	mg/Kg	☼	10/07/25 17:46	10/08/25 11:16	1
Toxaphene	0.075	U	0.075	0.027	mg/Kg	☼	10/07/25 17:46	10/08/25 11:16	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
DCB Decachlorobiphenyl	*121*		*10 - 150*	*10/07/25 17:46*	*10/08/25 11:16*	*1*
DCB Decachlorobiphenyl	*123*		*10 - 150*	*10/07/25 17:46*	*10/08/25 11:16*	*1*
Tetrachloro-m-xylene	*103*		*14 - 150*	*10/07/25 17:46*	*10/08/25 11:16*	*1*
Tetrachloro-m-xylene	*101*		*14 - 150*	*10/07/25 17:46*	*10/08/25 11:16*	*1*

Method: SW846 8082A - Polychlorinated Biphenyls (PCBs) by Gas Chromatography

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Aroclor 1016	0.075	U	0.075	0.020	mg/Kg	☼	10/07/25 17:40	10/08/25 12:44	1
Aroclor 1221	0.075	U	0.075	0.020	mg/Kg	☼	10/07/25 17:40	10/08/25 12:44	1
Aroclor 1232	0.075	U	0.075	0.020	mg/Kg	☼	10/07/25 17:40	10/08/25 12:44	1
Aroclor 1242	0.075	U	0.075	0.020	mg/Kg	☼	10/07/25 17:40	10/08/25 12:44	1
Aroclor 1248	0.075	U	0.075	0.020	mg/Kg	☼	10/07/25 17:40	10/08/25 12:44	1
Aroclor 1254	0.075	U	0.075	0.020	mg/Kg	☼	10/07/25 17:40	10/08/25 12:44	1
Aroclor 1260	0.075	U	0.075	0.020	mg/Kg	☼	10/07/25 17:40	10/08/25 12:44	1
Aroclor-1262	0.075	U	0.075	0.020	mg/Kg	☼	10/07/25 17:40	10/08/25 12:44	1
Aroclor 1268	0.075	U	0.075	0.020	mg/Kg	☼	10/07/25 17:40	10/08/25 12:44	1
Polychlorinated biphenyls, Total	0.075	U	0.075	0.020	mg/Kg	☼	10/07/25 17:40	10/08/25 12:44	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
DCB Decachlorobiphenyl	*107*		*10 - 150*	*10/07/25 17:40*	*10/08/25 12:44*	*1*
DCB Decachlorobiphenyl	*123*		*10 - 150*	*10/07/25 17:40*	*10/08/25 12:44*	*1*
Tetrachloro-m-xylene	*84*		*10 - 150*	*10/07/25 17:40*	*10/08/25 12:44*	*1*
Tetrachloro-m-xylene	*91*		*10 - 150*	*10/07/25 17:40*	*10/08/25 12:44*	*1*

Method: EPA 1633A - Per- and Polyfluoroalkyl Substances by LC/MS/MS, 1633A

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Perfluorobutanoic acid (PFBA)	0.40	U	0.40	0.099	ug/Kg	☼	10/08/25 14:13	10/09/25 09:29	1
Perfluoropentanoic acid (PFPeA)	0.20	U	0.20	0.099	ug/Kg	☼	10/08/25 14:13	10/09/25 09:29	1
Perfluorohexanoic acid (PFHxA)	0.20	U	0.20	0.099	ug/Kg	☼	10/08/25 14:13	10/09/25 09:29	1
Perfluoroheptanoic acid (PFHpA)	0.20	U	0.20	0.099	ug/Kg	☼	10/08/25 14:13	10/09/25 09:29	1
Perfluorooctanoic acid (PFOA)	**0.085**	**J**	0.20	0.060	ug/Kg	☼	10/08/25 14:13	10/09/25 09:29	1
Perfluorononanoic acid (PFNA)	**3.29**		0.20	0.099	ug/Kg	☼	10/08/25 14:13	10/09/25 09:29	1
Perfluorodecanoic acid (PFDA)	**0.36**		0.20	0.060	ug/Kg	☼	10/08/25 14:13	10/09/25 09:29	1
Perfluoroundecanoic acid (PFUnA)	**15.2**		0.20	0.099	ug/Kg	☼	10/08/25 14:13	10/09/25 09:29	1
Perfluorododecanoic acid (PFDoA)	**0.21**		0.20	0.099	ug/Kg	☼	10/08/25 14:13	10/09/25 09:29	1
Perfluorotridecanoic acid (PFTrDA)	**5.36**		0.20	0.099	ug/Kg	☼	10/08/25 14:13	10/09/25 09:29	1
Perfluorotetradecanoic acid (PFTeDA)	0.20	U	0.20	0.099	ug/Kg	☼	10/08/25 14:13	10/09/25 09:29	1
Perfluorobutanesulfonic acid (PFBS)	0.20	U	0.20	0.099	ug/Kg	☼	10/08/25 14:13	10/09/25 09:29	1
Perfluoropentanesulfonic acid (PFPeS)	0.20	U	0.20	0.099	ug/Kg	☼	10/08/25 14:13	10/09/25 09:29	1
Perfluorohexanesulfonic acid (PFHxS)	0.20	U	0.20	0.099	ug/Kg	☼	10/08/25 14:13	10/09/25 09:29	1
Perfluoroheptanesulfonic acid (PFHpS)	0.20	U	0.20	0.099	ug/Kg	☼	10/08/25 14:13	10/09/25 09:29	1
Perfluorooctanesulfonic acid (PFOS)	0.20	U	0.20	0.099	ug/Kg	☼	10/08/25 14:13	10/09/25 09:29	1
Perfluorononanesulfonic acid (PFNS)	0.20	U	0.20	0.099	ug/Kg	☼	10/08/25 14:13	10/09/25 09:29	1

Client Sample ID: 61A_3-6
Date Collected: 10/06/25 08:45
Date Received: 10/06/25 15:30

Lab Sample ID: 460-336556-10
Matrix: Solid
Percent Solids: 89.8

Method: EPA 1633A - Per- and Polyfluoroalkyl Substances by LC/MS/MS, 1633A (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Perfluorodecanesulfonic acid (PFDS)	0.20	U	0.20	0.099	ug/Kg	☼	10/08/25 14:13	10/09/25 09:29	1
Perfluorododecanesulfonic acid (PFDoS)	0.20	U	0.20	0.099	ug/Kg	☼	10/08/25 14:13	10/09/25 09:29	1
1H,1H,2H,2H-Perfluorohexane sulfonic acid (4:2 FTS)	0.40	U	0.40	0.20	ug/Kg	☼	10/08/25 14:13	10/09/25 09:29	1
1H,1H,2H,2H-Perfluorooctane sulfonic acid (6:2 FTS)	0.40	U	0.40	0.20	ug/Kg	☼	10/08/25 14:13	10/09/25 09:29	1
1H,1H,2H,2H-Perfluorodecane sulfonic acid (8:2 FTS)	0.40	U	0.40	0.20	ug/Kg	☼	10/08/25 14:13	10/09/25 09:29	1
Perfluorooctanesulfonamide (PFOSA)	0.20	U	0.20	0.099	ug/Kg	☼	10/08/25 14:13	10/09/25 09:29	1
N-methylperfluorooctane sulfonamide (NMeFOSA)	0.20	U	0.20	0.099	ug/Kg	☼	10/08/25 14:13	10/09/25 09:29	1
N-ethylperfluorooctane sulfonamide (NEtFOSA)	0.20	U	0.20	0.099	ug/Kg	☼	10/08/25 14:13	10/09/25 09:29	1
N-methylperfluorooctanesulfonamidoacetic acid (NMeFOSAA)	0.20	U	0.20	0.099	ug/Kg	☼	10/08/25 14:13	10/09/25 09:29	1
N-ethylperfluorooctanesulfonamidoacetic acid (NEtFOSAA)	0.20	U	0.20	0.099	ug/Kg	☼	10/08/25 14:13	10/09/25 09:29	1
N-methylperfluorooctane sulfonamidoethanol (NMeFOSE)	0.99	U	0.99	0.50	ug/Kg	☼	10/08/25 14:13	10/09/25 09:29	1
N-ethylperfluorooctane sulfonamidoethanol (NEtFOSE)	0.99	U	0.99	0.50	ug/Kg	☼	10/08/25 14:13	10/09/25 09:29	1
Hexafluoropropylene Oxide Dimer Acid (HFPO-DA)	0.20	U	0.20	0.099	ug/Kg	☼	10/08/25 14:13	10/09/25 09:29	1
4,8-Dioxa-3H-perfluorononanoic acid (ADONA)	0.20	U	0.20	0.099	ug/Kg	☼	10/08/25 14:13	10/09/25 09:29	1
Perfluoro-3-methoxypropanoic acid (PFMPA)	0.20	U	0.20	0.099	ug/Kg	☼	10/08/25 14:13	10/09/25 09:29	1
Perfluoro-4-methoxybutanoic acid (PFMBA)	0.20	U	0.20	0.099	ug/Kg	☼	10/08/25 14:13	10/09/25 09:29	1
Nonafluoro-3,6-dioxaheptanoic acid (NFDHA)	0.20	U	0.20	0.099	ug/Kg	☼	10/08/25 14:13	10/09/25 09:29	1
9-Chlorohexadecafluoro-3-oxanonane-1-sulfonic acid (9Cl-PF3ONS)	0.20	U	0.20	0.099	ug/Kg	☼	10/08/25 14:13	10/09/25 09:29	1
11-Chloroeicosafluoro-3-oxaundecane-1-sulfonic acid (11Cl-PF3OUdS)	0.20	U	0.20	0.099	ug/Kg	☼	10/08/25 14:13	10/09/25 09:29	1
Perfluoro (2-ethoxyethane) sulfonic acid (PFEESA)	0.20	U	0.20	0.099	ug/Kg	☼	10/08/25 14:13	10/09/25 09:29	1
3-Perfluoropropylpropanoic acid (3:3 FTCA)	0.40	U	0.40	0.20	ug/Kg	☼	10/08/25 14:13	10/09/25 09:29	1
3-Perfluoropentylpropanoic acid (5:3 FTCA)	0.99	U	0.99	0.50	ug/Kg	☼	10/08/25 14:13	10/09/25 09:29	1
3-Perfluoroheptylpropanoic acid (7:3 FTCA)	0.99	U	0.99	0.50	ug/Kg	☼	10/08/25 14:13	10/09/25 09:29	1

Isotope Dilution	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
13C4 PFBA	*114*		*8 - 130*	*10/08/25 14:13*	*10/09/25 09:29*	*1*
13C5 PFPeA	*101*		*35 - 130*	*10/08/25 14:13*	*10/09/25 09:29*	*1*
13C5 PFHxA	*98.3*		*40 - 130*	*10/08/25 14:13*	*10/09/25 09:29*	*1*
13C4 PFHpA	*108*		*40 - 130*	*10/08/25 14:13*	*10/09/25 09:29*	*1*
13C8 PFOA	*109*		*40 - 130*	*10/08/25 14:13*	*10/09/25 09:29*	*1*
13C9 PFNA	*102*		*40 - 130*	*10/08/25 14:13*	*10/09/25 09:29*	*1*
13C6 PFDA	*97.6*		*40 - 130*	*10/08/25 14:13*	*10/09/25 09:29*	*1*
13C7 PFUnA	*86.1*		*40 - 130*	*10/08/25 14:13*	*10/09/25 09:29*	*1*
13C2 PFTeDA	*49.5*		*20 - 130*	*10/08/25 14:13*	*10/09/25 09:29*	*1*

Client Sample ID: 61A_3-6

Date Collected: 10/06/25 08:45
Date Received: 10/06/25 15:30

Lab Sample ID: 460-336556-10

Matrix: Solid
Percent Solids: 89.8

Method: EPA 1633A - Per- and Polyfluoroalkyl Substances by LC/MS/MS, 1633A (Continued)

Isotope Dilution	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
13C3 PFBS	110		40 - 135	10/08/25 14:13	10/09/25 09:29	1
13C3 PFHxS	101		40 - 130	10/08/25 14:13	10/09/25 09:29	1
13C8 PFOS	88.7		40 - 130	10/08/25 14:13	10/09/25 09:29	1
13C8 FOSA	81.1		40 - 130	10/08/25 14:13	10/09/25 09:29	1
d3-NMeFOSAA	58.1		40 - 135	10/08/25 14:13	10/09/25 09:29	1
d5-NEtFOSAA	65.9		40 - 150	10/08/25 14:13	10/09/25 09:29	1
13C2 4:2 FTS	120		40 - 165	10/08/25 14:13	10/09/25 09:29	1
13C2 6:2 FTS	109		40 - 215	10/08/25 14:13	10/09/25 09:29	1
13C2 8:2 FTS	85.1		40 - 275	10/08/25 14:13	10/09/25 09:29	1
13C3 HFPO-DA	107		40 - 130	10/08/25 14:13	10/09/25 09:29	1
d7-N-MeFOSE-M	53.6		20 - 130	10/08/25 14:13	10/09/25 09:29	1
d9-N-EtFOSE-M	43.4		15 - 130	10/08/25 14:13	10/09/25 09:29	1
d5-NEtPFOSA	58.4		10 - 130	10/08/25 14:13	10/09/25 09:29	1
d3-NMePFOSA	67.6		10 - 130	10/08/25 14:13	10/09/25 09:29	1
13C2 PFDoA	79.5		40 - 130	10/08/25 14:13	10/09/25 09:29	1

Method: SW846 6020B - Metals (ICP/MS)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Aluminum	5410		17.4	4.8	mg/Kg	☼	10/09/25 18:35	10/10/25 18:13	1
Antimony	2.9		0.87	0.13	mg/Kg	☼	10/09/25 18:35	10/10/25 18:13	1
Arsenic	9.0		0.87	0.090	mg/Kg	☼	10/09/25 18:35	10/10/25 18:13	1
Barium	34.4		1.7	0.13	mg/Kg	☼	10/09/25 18:35	10/10/25 18:13	1
Beryllium	0.53		0.35	0.019	mg/Kg	☼	10/09/25 18:35	10/10/25 18:13	1
Cadmium	0.22	J	0.87	0.098	mg/Kg	☼	10/09/25 18:35	10/10/25 18:13	1
Calcium	526		87.0	8.5	mg/Kg	☼	10/09/25 18:35	10/10/25 18:13	1
Chromium	14.0		1.7	0.26	mg/Kg	☼	10/09/25 18:35	10/10/25 18:13	1
Cobalt	5.3		0.87	0.13	mg/Kg	☼	10/09/25 18:35	10/10/25 18:13	1
Copper	64.5		1.7	0.32	mg/Kg	☼	10/09/25 18:35	10/10/25 18:13	1
Iron	18500		52.2	6.7	mg/Kg	☼	10/09/25 18:35	10/10/25 18:13	1
Lead	47.0		0.52	0.17	mg/Kg	☼	10/09/25 18:35	10/10/25 18:13	1
Magnesium	1440		87.0	8.9	mg/Kg	☼	10/09/25 18:35	10/10/25 18:13	1
Manganese	187		3.5	0.35	mg/Kg	☼	10/09/25 18:35	10/10/25 18:13	1
Nickel	17.0		1.7	0.15	mg/Kg	☼	10/09/25 18:35	10/10/25 18:13	1
Potassium	1470		87.0	14.1	mg/Kg	☼	10/09/25 18:35	10/10/25 18:13	1
Selenium	0.30	J	1.1	0.11	mg/Kg	☼	10/09/25 18:35	10/10/25 18:13	1
Silver	0.49		0.35	0.077	mg/Kg	☼	10/09/25 18:35	10/10/25 18:13	1
Sodium	42.1	J	87.0	39.7	mg/Kg	☼	10/09/25 18:35	10/10/25 18:13	1
Thallium	0.073	J	0.35	0.036	mg/Kg	☼	10/09/25 18:35	10/10/25 18:13	1
Vanadium	25.0		1.7	0.18	mg/Kg	☼	10/09/25 18:35	10/10/25 18:13	1
Zinc	54.7		7.0	0.95	mg/Kg	☼	10/09/25 18:35	10/10/25 18:13	1

Method: SW846 7471B - Mercury (CVAA)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	0.030		0.019	0.0088	mg/Kg	☼	10/14/25 02:12	10/14/25 08:50	1

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Percent Moisture (EPA Moisture)	10.2		1.0	1.0	%			10/07/25 16:13	1
Percent Solids (EPA Moisture)	89.8		1.0	1.0	%			10/07/25 16:13	1

Client: Haley & Aldrich, Inc.
Project/Site: Former Port Mobil

Job ID: 460-336556-1

Client Sample ID: 62A_0-5
Date Collected: 10/06/25 08:50
Date Received: 10/06/25 15:30

Lab Sample ID: 460-336556-11
Matrix: Solid
Percent Solids: 91.4

Method: SW846 8270E - Semivolatile Organic Compounds (GC/MS)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1'-Biphenyl	0.36	U	0.36	0.013	mg/Kg	☼	10/07/25 21:44	10/08/25 07:57	1
1,2,4,5-Tetrachlorobenzene	0.36	U	0.36	0.011	mg/Kg	☼	10/07/25 21:44	10/08/25 07:57	1
1,4-Dioxane	0.036	U	0.036	0.032	mg/Kg	☼	10/07/25 21:44	10/08/25 07:57	1
2,2'-oxybis[1-chloropropane]	0.36	U	0.36	0.022	mg/Kg	☼	10/07/25 21:44	10/08/25 07:57	1
2,3,4,6-Tetrachlorophenol	0.36	U	0.36	0.025	mg/Kg	☼	10/07/25 21:44	10/08/25 07:57	1
2,4,5-Trichlorophenol	0.36	U	0.36	0.037	mg/Kg	☼	10/07/25 21:44	10/08/25 07:57	1
2,4,6-Trichlorophenol	0.15	U	0.15	0.046	mg/Kg	☼	10/07/25 21:44	10/08/25 07:57	1
2,4-Dichlorophenol	0.15	U	0.15	0.023	mg/Kg	☼	10/07/25 21:44	10/08/25 07:57	1
2,4-Dimethylphenol	0.36	U	0.36	0.043	mg/Kg	☼	10/07/25 21:44	10/08/25 07:57	1
2,4-Dinitrophenol	0.29	U	0.29	0.18	mg/Kg	☼	10/07/25 21:44	10/08/25 07:57	1
2,4-Dinitrotoluene	0.073	U	0.073	0.039	mg/Kg	☼	10/07/25 21:44	10/08/25 07:57	1
2,6-Dinitrotoluene	0.073	U	0.073	0.026	mg/Kg	☼	10/07/25 21:44	10/08/25 07:57	1
2-Chloronaphthalene	0.36	U	0.36	0.046	mg/Kg	☼	10/07/25 21:44	10/08/25 07:57	1
2-Chlorophenol	0.36	U	0.36	0.013	mg/Kg	☼	10/07/25 21:44	10/08/25 07:57	1
2-Methylnaphthalene	0.36	U	0.36	0.010	mg/Kg	☼	10/07/25 21:44	10/08/25 07:57	1
2-Methylphenol	0.36	U	0.36	0.014	mg/Kg	☼	10/07/25 21:44	10/08/25 07:57	1
2-Nitroaniline	0.36	U	0.36	0.028	mg/Kg	☼	10/07/25 21:44	10/08/25 07:57	1
2-Nitrophenol	0.36	U	0.36	0.036	mg/Kg	☼	10/07/25 21:44	10/08/25 07:57	1
3 & 4 Methylphenol	0.36	U	0.36	0.023	mg/Kg	☼	10/07/25 21:44	10/08/25 07:57	1
3,3'-Dichlorobenzidine	0.15	U	0.15	0.055	mg/Kg	☼	10/07/25 21:44	10/08/25 07:57	1
3-Nitroaniline	0.36	U	0.36	0.086	mg/Kg	☼	10/07/25 21:44	10/08/25 07:57	1
4,6-Dinitro-2-methylphenol	0.29	U	0.29	0.15	mg/Kg	☼	10/07/25 21:44	10/08/25 07:57	1
4-Bromophenyl phenyl ether	0.36	U	0.36	0.014	mg/Kg	☼	10/07/25 21:44	10/08/25 07:57	1
4-Chloro-3-methylphenol	0.36	U	0.36	0.020	mg/Kg	☼	10/07/25 21:44	10/08/25 07:57	1
4-Chloroaniline	0.36	U	0.36	0.064	mg/Kg	☼	10/07/25 21:44	10/08/25 07:57	1
4-Chlorophenyl phenyl ether	0.36	U	0.36	0.013	mg/Kg	☼	10/07/25 21:44	10/08/25 07:57	1
4-Methylphenol	0.36	U	0.36	0.023	mg/Kg	☼	10/07/25 21:44	10/08/25 07:57	1
4-Nitroaniline	0.36	U	0.36	0.092	mg/Kg	☼	10/07/25 21:44	10/08/25 07:57	1
4-Nitrophenol	0.73	U	0.73	0.059	mg/Kg	☼	10/07/25 21:44	10/08/25 07:57	1
Acenaphthene	0.36	U	0.36	0.010	mg/Kg	☼	10/07/25 21:44	10/08/25 07:57	1
Acenaphthylene	0.36	U	0.36	0.010	mg/Kg	☼	10/07/25 21:44	10/08/25 07:57	1
Acetophenone	0.36	U	0.36	0.018	mg/Kg	☼	10/07/25 21:44	10/08/25 07:57	1
Anthracene	0.36	U	0.36	0.011	mg/Kg	☼	10/07/25 21:44	10/08/25 07:57	1
Atrazine	0.15	U	0.15	0.021	mg/Kg	☼	10/07/25 21:44	10/08/25 07:57	1
Benzaldehyde	0.36	U	0.36	0.060	mg/Kg	☼	10/07/25 21:44	10/08/25 07:57	1
Benzo[a]anthracene	0.036	U	0.036	0.027	mg/Kg	☼	10/07/25 21:44	10/08/25 07:57	1
Benzo[a]pyrene	0.036	U	0.036	0.0096	mg/Kg	☼	10/07/25 21:44	10/08/25 07:57	1
Benzo[b]fluoranthene	0.036	U	0.036	0.0094	mg/Kg	☼	10/07/25 21:44	10/08/25 07:57	1
Benzo[g,h,i]perylene	0.36	U	0.36	0.011	mg/Kg	☼	10/07/25 21:44	10/08/25 07:57	1
Benzo[k]fluoranthene	0.036	U	0.036	0.0071	mg/Kg	☼	10/07/25 21:44	10/08/25 07:57	1
Bis(2-chloroethoxy)methane	0.36	U	0.36	0.067	mg/Kg	☼	10/07/25 21:44	10/08/25 07:57	1
Bis(2-chloroethyl)ether	0.036	U	0.036	0.013	mg/Kg	☼	10/07/25 21:44	10/08/25 07:57	1
Bis(2-ethylhexyl) phthalate	0.36	U	0.36	0.019	mg/Kg	☼	10/07/25 21:44	10/08/25 07:57	1
Butyl benzyl phthalate	0.36	U	0.36	0.017	mg/Kg	☼	10/07/25 21:44	10/08/25 07:57	1
Caprolactam	0.36	U	0.36	0.056	mg/Kg	☼	10/07/25 21:44	10/08/25 07:57	1
Carbazole	0.36	U	0.36	0.014	mg/Kg	☼	10/07/25 21:44	10/08/25 07:57	1
Chrysene	0.36	U	0.36	0.015	mg/Kg	☼	10/07/25 21:44	10/08/25 07:57	1
Dibenz(a,h)anthracene	0.036	U	0.036	0.016	mg/Kg	☼	10/07/25 21:44	10/08/25 07:57	1
Dibenzofuran	0.36	U	0.36	0.012	mg/Kg	☼	10/07/25 21:44	10/08/25 07:57	1

Client Sample ID: 62A_0-5

Date Collected: 10/06/25 08:50
Date Received: 10/06/25 15:30

Lab Sample ID: 460-336556-11

Matrix: Solid
Percent Solids: 91.4

Method: SW846 8270E - Semivolatile Organic Compounds (GC/MS) (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Diethyl phthalate	0.36	U	0.36	0.012	mg/Kg	☼	10/07/25 21:44	10/08/25 07:57	1
Dimethyl phthalate	0.36	U	0.36	0.082	mg/Kg	☼	10/07/25 21:44	10/08/25 07:57	1
Di-n-butyl phthalate	0.36	U	0.36	0.014	mg/Kg	☼	10/07/25 21:44	10/08/25 07:57	1
Di-n-octyl phthalate	0.36	U	0.36	0.019	mg/Kg	☼	10/07/25 21:44	10/08/25 07:57	1
Fluoranthene	0.36	U	0.36	0.013	mg/Kg	☼	10/07/25 21:44	10/08/25 07:57	1
Fluorene	0.36	U	0.36	0.011	mg/Kg	☼	10/07/25 21:44	10/08/25 07:57	1
Hexachlorobenzene	0.036	U	0.036	0.017	mg/Kg	☼	10/07/25 21:44	10/08/25 07:57	1
Hexachlorobutadiene	0.073	U	0.073	0.0077	mg/Kg	☼	10/07/25 21:44	10/08/25 07:57	1
Hexachlorocyclopentadiene	0.36	U	0.36	0.032	mg/Kg	☼	10/07/25 21:44	10/08/25 07:57	1
Hexachloroethane	0.036	U	0.036	0.012	mg/Kg	☼	10/07/25 21:44	10/08/25 07:57	1
Indeno[1,2,3-cd]pyrene	0.036	U	0.036	0.014	mg/Kg	☼	10/07/25 21:44	10/08/25 07:57	1
Isophorone	0.15	U	0.15	0.10	mg/Kg	☼	10/07/25 21:44	10/08/25 07:57	1
Naphthalene	0.36	U	0.36	0.0063	mg/Kg	☼	10/07/25 21:44	10/08/25 07:57	1
Nitrobenzene	0.036	U	0.036	0.020	mg/Kg	☼	10/07/25 21:44	10/08/25 07:57	1
N-Nitrosodi-n-propylamine	0.036	U	0.036	0.026	mg/Kg	☼	10/07/25 21:44	10/08/25 07:57	1
N-Nitrosodiphenylamine	0.36	U	0.36	0.030	mg/Kg	☼	10/07/25 21:44	10/08/25 07:57	1
Pentachlorophenol	0.29	U	0.29	0.074	mg/Kg	☼	10/07/25 21:44	10/08/25 07:57	1
Phenanthrene	0.36	U	0.36	0.015	mg/Kg	☼	10/07/25 21:44	10/08/25 07:57	1
Phenol	0.36	U	0.36	0.013	mg/Kg	☼	10/07/25 21:44	10/08/25 07:57	1
Pyrene	0.36	U	0.36	0.0090	mg/Kg	☼	10/07/25 21:44	10/08/25 07:57	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
2,4,6-Tribromophenol (Surr)	*69*		*18 - 137*	*10/07/25 21:44*	*10/08/25 07:57*	*1*
2-Fluorobiphenyl	*59*		*33 - 117*	*10/07/25 21:44*	*10/08/25 07:57*	*1*
2-Fluorophenol (Surr)	*56*		*24 - 120*	*10/07/25 21:44*	*10/08/25 07:57*	*1*
Nitrobenzene-d5 (Surr)	*51*		*27 - 120*	*10/07/25 21:44*	*10/08/25 07:57*	*1*
Phenol-d5 (Surr)	*54*		*28 - 118*	*10/07/25 21:44*	*10/08/25 07:57*	*1*
Terphenyl-d14 (Surr)	*72*		*33 - 124*	*10/07/25 21:44*	*10/08/25 07:57*	*1*

Method: SW846 8081B - Organochlorine Pesticides (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
4,4'-DDD	0.0073	U	0.0073	0.0012	mg/Kg	☼	10/07/25 17:46	10/08/25 11:32	1
4,4'-DDE	0.0073	U	0.0073	0.00086	mg/Kg	☼	10/07/25 17:46	10/08/25 11:32	1
4,4'-DDT	0.0073	U	0.0073	0.0013	mg/Kg	☼	10/07/25 17:46	10/08/25 11:32	1
Aldrin	0.0073	U	0.0073	0.0011	mg/Kg	☼	10/07/25 17:46	10/08/25 11:32	1
alpha-BHC	0.0022	U	0.0022	0.00074	mg/Kg	☼	10/07/25 17:46	10/08/25 11:32	1
beta-BHC	0.0022	U	0.0022	0.00082	mg/Kg	☼	10/07/25 17:46	10/08/25 11:32	1
Chlordane (technical)	0.073	U	0.073	0.018	mg/Kg	☼	10/07/25 17:46	10/08/25 11:32	1
cis-Chlordane	0.0073	U	0.0073	0.0012	mg/Kg	☼	10/07/25 17:46	10/08/25 11:32	1
delta-BHC	0.0022	U	0.0022	0.00045	mg/Kg	☼	10/07/25 17:46	10/08/25 11:32	1
Dieldrin	0.0022	U	0.0022	0.00095	mg/Kg	☼	10/07/25 17:46	10/08/25 11:32	1
Endosulfan I	0.0073	U	0.0073	0.0011	mg/Kg	☼	10/07/25 17:46	10/08/25 11:32	1
Endosulfan II	0.0073	U	0.0073	0.0019	mg/Kg	☼	10/07/25 17:46	10/08/25 11:32	1
Endosulfan sulfate	0.0073	U	0.0073	0.00092	mg/Kg	☼	10/07/25 17:46	10/08/25 11:32	1
Endrin	0.0073	U	0.0073	0.0011	mg/Kg	☼	10/07/25 17:46	10/08/25 11:32	1
Endrin aldehyde	0.0073	U	0.0073	0.0017	mg/Kg	☼	10/07/25 17:46	10/08/25 11:32	1
Endrin ketone	0.0073	U	0.0073	0.0014	mg/Kg	☼	10/07/25 17:46	10/08/25 11:32	1
gamma-BHC (Lindane)	0.0022	U	0.0022	0.00068	mg/Kg	☼	10/07/25 17:46	10/08/25 11:32	1
Heptachlor	0.0073	U	0.0073	0.00086	mg/Kg	☼	10/07/25 17:46	10/08/25 11:32	1
Heptachlor epoxide	0.0073	U	0.0073	0.0011	mg/Kg	☼	10/07/25 17:46	10/08/25 11:32	1

Client Sample ID: 62A_0-5
Date Collected: 10/06/25 08:50
Date Received: 10/06/25 15:30

Lab Sample ID: 460-336556-11
Matrix: Solid
Percent Solids: 91.4

Method: SW846 8081B - Organochlorine Pesticides (GC) (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Methoxychlor	0.0073	U	0.0073	0.0017	mg/Kg	☼	10/07/25 17:46	10/08/25 11:32	1
Toxaphene	0.073	U	0.073	0.026	mg/Kg	☼	10/07/25 17:46	10/08/25 11:32	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
DCB Decachlorobiphenyl	*119*		*10 - 150*	*10/07/25 17:46*	*10/08/25 11:32*	*1*
DCB Decachlorobiphenyl	*126*		*10 - 150*	*10/07/25 17:46*	*10/08/25 11:32*	*1*
Tetrachloro-m-xylene	*103*		*14 - 150*	*10/07/25 17:46*	*10/08/25 11:32*	*1*
Tetrachloro-m-xylene	*103*		*14 - 150*	*10/07/25 17:46*	*10/08/25 11:32*	*1*

Method: SW846 8082A - Polychlorinated Biphenyls (PCBs) by Gas Chromatography

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Aroclor 1016	0.073	U	0.073	0.019	mg/Kg	☼	10/07/25 17:40	10/08/25 13:01	1
Aroclor 1221	0.073	U	0.073	0.019	mg/Kg	☼	10/07/25 17:40	10/08/25 13:01	1
Aroclor 1232	0.073	U	0.073	0.019	mg/Kg	☼	10/07/25 17:40	10/08/25 13:01	1
Aroclor 1242	0.073	U	0.073	0.019	mg/Kg	☼	10/07/25 17:40	10/08/25 13:01	1
Aroclor 1248	0.073	U	0.073	0.019	mg/Kg	☼	10/07/25 17:40	10/08/25 13:01	1
Aroclor 1254	0.073	U	0.073	0.019	mg/Kg	☼	10/07/25 17:40	10/08/25 13:01	1
Aroclor 1260	0.073	U	0.073	0.019	mg/Kg	☼	10/07/25 17:40	10/08/25 13:01	1
Aroclor-1262	0.073	U	0.073	0.019	mg/Kg	☼	10/07/25 17:40	10/08/25 13:01	1
Aroclor 1268	0.073	U	0.073	0.019	mg/Kg	☼	10/07/25 17:40	10/08/25 13:01	1
Polychlorinated biphenyls, Total	0.073	U	0.073	0.019	mg/Kg	☼	10/07/25 17:40	10/08/25 13:01	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
DCB Decachlorobiphenyl	*106*		*10 - 150*	*10/07/25 17:40*	*10/08/25 13:01*	*1*
DCB Decachlorobiphenyl	*121*		*10 - 150*	*10/07/25 17:40*	*10/08/25 13:01*	*1*
Tetrachloro-m-xylene	*83*		*10 - 150*	*10/07/25 17:40*	*10/08/25 13:01*	*1*
Tetrachloro-m-xylene	*89*		*10 - 150*	*10/07/25 17:40*	*10/08/25 13:01*	*1*

Method: EPA 1633A - Per- and Polyfluoroalkyl Substances by LC/MS/MS, 1633A

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Perfluorobutanoic acid (PFBA)	0.40	U	0.40	0.10	ug/Kg	☼	10/08/25 14:13	10/09/25 09:42	1
Perfluoropentanoic acid (PFPeA)	0.20	U	0.20	0.10	ug/Kg	☼	10/08/25 14:13	10/09/25 09:42	1
Perfluorohexanoic acid (PFHxA)	0.20	U	0.20	0.10	ug/Kg	☼	10/08/25 14:13	10/09/25 09:42	1
Perfluoroheptanoic acid (PFHpA)	**0.26**		0.20	0.10	ug/Kg	☼	10/08/25 14:13	10/09/25 09:42	1
Perfluorooctanoic acid (PFOA)	**0.31**		0.20	0.060	ug/Kg	☼	10/08/25 14:13	10/09/25 09:42	1
Perfluorononanoic acid (PFNA)	**2.32**		0.20	0.10	ug/Kg	☼	10/08/25 14:13	10/09/25 09:42	1
Perfluorodecanoic acid (PFDA)	**1.09**		0.20	0.060	ug/Kg	☼	10/08/25 14:13	10/09/25 09:42	1
Perfluoroundecanoic acid (PFUnA)	**8.63**		0.20	0.10	ug/Kg	☼	10/08/25 14:13	10/09/25 09:42	1
Perfluorododecanoic acid (PFDoA)	**0.57**		0.20	0.10	ug/Kg	☼	10/08/25 14:13	10/09/25 09:42	1
Perfluorotridecanoic acid (PFTrDA)	**4.09**		0.20	0.10	ug/Kg	☼	10/08/25 14:13	10/09/25 09:42	1
Perfluorotetradecanoic acid (PFTeDA)	**0.18**	**J**	0.20	0.10	ug/Kg	☼	10/08/25 14:13	10/09/25 09:42	1
Perfluorobutanesulfonic acid (PFBS)	0.20	U	0.20	0.10	ug/Kg	☼	10/08/25 14:13	10/09/25 09:42	1
Perfluoropentanesulfonic acid (PFPeS)	0.20	U	0.20	0.10	ug/Kg	☼	10/08/25 14:13	10/09/25 09:42	1
Perfluorohexanesulfonic acid (PFHxS)	0.20	U	0.20	0.10	ug/Kg	☼	10/08/25 14:13	10/09/25 09:42	1
Perfluoroheptanesulfonic acid (PFHpS)	0.20	U	0.20	0.10	ug/Kg	☼	10/08/25 14:13	10/09/25 09:42	1
Perfluorooctanesulfonic acid (PFOS)	0.20	U	0.20	0.10	ug/Kg	☼	10/08/25 14:13	10/09/25 09:42	1

Client Sample ID: 62A_0-5
Date Collected: 10/06/25 08:50
Date Received: 10/06/25 15:30

Lab Sample ID: 460-336556-11
Matrix: Solid
Percent Solids: 91.4

Method: EPA 1633A - Per- and Polyfluoroalkyl Substances by LC/MS/MS, 1633A (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Perfluorononanesulfonic acid (PFNS)	0.20	U	0.20	0.10	ug/Kg	☼	10/08/25 14:13	10/09/25 09:42	1
Perfluorodecanesulfonic acid (PFDS)	0.20	U	0.20	0.10	ug/Kg	☼	10/08/25 14:13	10/09/25 09:42	1
Perfluorododecanesulfonic acid (PFDoS)	0.20	U	0.20	0.10	ug/Kg	☼	10/08/25 14:13	10/09/25 09:42	1
1H,1H,2H,2H-Perfluorohexane sulfonic acid (4:2 FTS)	0.40	U	0.40	0.20	ug/Kg	☼	10/08/25 14:13	10/09/25 09:42	1
1H,1H,2H,2H-Perfluorooctane sulfonic acid (6:2 FTS)	0.40	U	0.40	0.20	ug/Kg	☼	10/08/25 14:13	10/09/25 09:42	1
1H,1H,2H,2H-Perfluorodecane sulfonic acid (8:2 FTS)	**1.27**		0.40	0.20	ug/Kg	☼	10/08/25 14:13	10/09/25 09:42	1
Perfluorooctanesulfonamide (PFOSA)	0.20	U	0.20	0.10	ug/Kg	☼	10/08/25 14:13	10/09/25 09:42	1
N-methylperfluorooctane sulfonamide (NMeFOSA)	0.20	U	0.20	0.10	ug/Kg	☼	10/08/25 14:13	10/09/25 09:42	1
N-ethylperfluorooctane sulfonamide (NEtFOSA)	0.20	U	0.20	0.10	ug/Kg	☼	10/08/25 14:13	10/09/25 09:42	1
N-methylperfluorooctanesulfonamidoacetic acid (NMeFOSAA)	0.20	U	0.20	0.10	ug/Kg	☼	10/08/25 14:13	10/09/25 09:42	1
N-ethylperfluorooctanesulfonamidoacetic acid (NEtFOSAA)	0.20	U	0.20	0.10	ug/Kg	☼	10/08/25 14:13	10/09/25 09:42	1
N-methylperfluorooctane sulfonamidoethanol (NMeFOSE)	1.0	U	1.0	0.50	ug/Kg	☼	10/08/25 14:13	10/09/25 09:42	1
N-ethylperfluorooctane sulfonamidoethanol (NEtFOSE)	1.0	U	1.0	0.50	ug/Kg	☼	10/08/25 14:13	10/09/25 09:42	1
Hexafluoropropylene Oxide Dimer Acid (HFPO-DA)	0.20	U	0.20	0.10	ug/Kg	☼	10/08/25 14:13	10/09/25 09:42	1
4,8-Dioxa-3H-perfluorononanoic acid (ADONA)	0.20	U	0.20	0.10	ug/Kg	☼	10/08/25 14:13	10/09/25 09:42	1
Perfluoro-3-methoxypropanoic acid (PFMPA)	0.20	U	0.20	0.10	ug/Kg	☼	10/08/25 14:13	10/09/25 09:42	1
Perfluoro-4-methoxybutanoic acid (PFMBA)	0.20	U	0.20	0.10	ug/Kg	☼	10/08/25 14:13	10/09/25 09:42	1
Nonafluoro-3,6-dioxaheptanoic acid (NFDHA)	0.20	U	0.20	0.10	ug/Kg	☼	10/08/25 14:13	10/09/25 09:42	1
9-Chlorohexadecafluoro-3-oxanonane-1-sulfonic acid (9Cl-PF3ONS)	0.20	U	0.20	0.10	ug/Kg	☼	10/08/25 14:13	10/09/25 09:42	1
11-Chloroeicosafluoro-3-oxaundecane-1-sulfonic acid (11Cl-PF3OUdS)	0.20	U	0.20	0.10	ug/Kg	☼	10/08/25 14:13	10/09/25 09:42	1
Perfluoro (2-ethoxyethane) sulfonic acid (PFEESA)	0.20	U	0.20	0.10	ug/Kg	☼	10/08/25 14:13	10/09/25 09:42	1
3-Perfluoropropylpropanoic acid (3:3 FTCA)	0.40	U	0.40	0.20	ug/Kg	☼	10/08/25 14:13	10/09/25 09:42	1
3-Perfluoropentylpropanoic acid (5:3 FTCA)	1.0	U	1.0	0.50	ug/Kg	☼	10/08/25 14:13	10/09/25 09:42	1
3-Perfluoroheptylpropanoic acid (7:3 FTCA)	1.0	U	1.0	0.50	ug/Kg	☼	10/08/25 14:13	10/09/25 09:42	1

Isotope Dilution	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
13C4 PFBA	*106*		*8 - 130*	*10/08/25 14:13*	*10/09/25 09:42*	*1*
13C5 PFPeA	*94.9*		*35 - 130*	*10/08/25 14:13*	*10/09/25 09:42*	*1*
13C5 PFHxA	*94.7*		*40 - 130*	*10/08/25 14:13*	*10/09/25 09:42*	*1*
13C4 PFHpA	*97.3*		*40 - 130*	*10/08/25 14:13*	*10/09/25 09:42*	*1*
13C8 PFOA	*100*		*40 - 130*	*10/08/25 14:13*	*10/09/25 09:42*	*1*
13C9 PFNA	*95.0*		*40 - 130*	*10/08/25 14:13*	*10/09/25 09:42*	*1*
13C6 PFDA	*90.7*		*40 - 130*	*10/08/25 14:13*	*10/09/25 09:42*	*1*
13C7 PFUnA	*87.9*		*40 - 130*	*10/08/25 14:13*	*10/09/25 09:42*	*1*

Client Sample ID: 62A_0-5

Date Collected: 10/06/25 08:50
Date Received: 10/06/25 15:30

Lab Sample ID: 460-336556-11

Matrix: Solid
Percent Solids: 91.4

Method: EPA 1633A - Per- and Polyfluoroalkyl Substances by LC/MS/MS, 1633A (Continued)

Isotope Dilution	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
13C2 PFTeDA	73.5		20 - 130	10/08/25 14:13	10/09/25 09:42	1
13C3 PFBS	95.5		40 - 135	10/08/25 14:13	10/09/25 09:42	1
13C3 PFHxS	92.2		40 - 130	10/08/25 14:13	10/09/25 09:42	1
13C8 PFOS	81.5		40 - 130	10/08/25 14:13	10/09/25 09:42	1
13C8 FOSA	76.5		40 - 130	10/08/25 14:13	10/09/25 09:42	1
d3-NMeFOSAA	61.3		40 - 135	10/08/25 14:13	10/09/25 09:42	1
d5-NEtFOSAA	76.9		40 - 150	10/08/25 14:13	10/09/25 09:42	1
13C2 4:2 FTS	119		40 - 165	10/08/25 14:13	10/09/25 09:42	1
13C2 6:2 FTS	99.0		40 - 215	10/08/25 14:13	10/09/25 09:42	1
13C2 8:2 FTS	80.8		40 - 275	10/08/25 14:13	10/09/25 09:42	1
13C3 HFPO-DA	95.6		40 - 130	10/08/25 14:13	10/09/25 09:42	1
d7-N-MeFOSE-M	57.6		20 - 130	10/08/25 14:13	10/09/25 09:42	1
d9-N-EtFOSE-M	47.5		15 - 130	10/08/25 14:13	10/09/25 09:42	1
d5-NEtPFOSA	59.1		10 - 130	10/08/25 14:13	10/09/25 09:42	1
d3-NMePFOSA	66.5		10 - 130	10/08/25 14:13	10/09/25 09:42	1
13C2 PFDoA	85.2		40 - 130	10/08/25 14:13	10/09/25 09:42	1

Method: SW846 6020B - Metals (ICP/MS)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Aluminum	6750		16.8	4.6	mg/Kg	☼	10/09/25 18:35	10/10/25 18:16	1
Antimony	1.5		0.84	0.12	mg/Kg	☼	10/09/25 18:35	10/10/25 18:16	1
Arsenic	6.5		0.84	0.087	mg/Kg	☼	10/09/25 18:35	10/10/25 18:16	1
Barium	45.5		1.7	0.12	mg/Kg	☼	10/09/25 18:35	10/10/25 18:16	1
Beryllium	0.82		0.34	0.019	mg/Kg	☼	10/09/25 18:35	10/10/25 18:16	1
Cadmium	0.20	J	0.84	0.095	mg/Kg	☼	10/09/25 18:35	10/10/25 18:16	1
Calcium	1070		84.2	8.2	mg/Kg	☼	10/09/25 18:35	10/10/25 18:16	1
Chromium	25.3		1.7	0.25	mg/Kg	☼	10/09/25 18:35	10/10/25 18:16	1
Cobalt	7.0		0.84	0.12	mg/Kg	☼	10/09/25 18:35	10/10/25 18:16	1
Copper	43.8		1.7	0.31	mg/Kg	☼	10/09/25 18:35	10/10/25 18:16	1
Iron	19700		50.5	6.4	mg/Kg	☼	10/09/25 18:35	10/10/25 18:16	1
Lead	82.6		0.51	0.17	mg/Kg	☼	10/09/25 18:35	10/10/25 18:16	1
Magnesium	1780		84.2	8.6	mg/Kg	☼	10/09/25 18:35	10/10/25 18:16	1
Manganese	225		3.4	0.34	mg/Kg	☼	10/09/25 18:35	10/10/25 18:16	1
Nickel	19.6		1.7	0.15	mg/Kg	☼	10/09/25 18:35	10/10/25 18:16	1
Potassium	1320		84.2	13.6	mg/Kg	☼	10/09/25 18:35	10/10/25 18:16	1
Selenium	0.32	J	1.1	0.11	mg/Kg	☼	10/09/25 18:35	10/10/25 18:16	1
Silver	0.17	J	0.34	0.075	mg/Kg	☼	10/09/25 18:35	10/10/25 18:16	1
Sodium	77.8	J	84.2	38.5	mg/Kg	☼	10/09/25 18:35	10/10/25 18:16	1
Thallium	0.082	J	0.34	0.035	mg/Kg	☼	10/09/25 18:35	10/10/25 18:16	1
Vanadium	32.5		1.7	0.17	mg/Kg	☼	10/09/25 18:35	10/10/25 18:16	1
Zinc	117		6.7	0.92	mg/Kg	☼	10/09/25 18:35	10/10/25 18:16	1

Method: SW846 7471B - Mercury (CVAA)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	0.041		0.017	0.0080	mg/Kg	☼	10/14/25 02:12	10/14/25 08:53	1

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Percent Moisture (EPA Moisture)	8.6		1.0	1.0	%			10/07/25 16:13	1
Percent Solids (EPA Moisture)	91.4		1.0	1.0	%			10/07/25 16:13	1

Client: Haley & Aldrich, Inc.
Project/Site: Former Port Mobil

Job ID: 460-336556-1

Client Sample ID: 62A_5-10
Date Collected: 10/06/25 08:55
Date Received: 10/06/25 15:30

Lab Sample ID: 460-336556-12
Matrix: Solid
Percent Solids: 88.0

Method: SW846 8270E - Semivolatile Organic Compounds (GC/MS)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1'-Biphenyl	0.38	U	0.38	0.013	mg/Kg	☼	10/07/25 21:44	10/08/25 08:44	1
1,2,4,5-Tetrachlorobenzene	0.38	U	0.38	0.012	mg/Kg	☼	10/07/25 21:44	10/08/25 08:44	1
1,4-Dioxane	0.038	U	0.038	0.033	mg/Kg	☼	10/07/25 21:44	10/08/25 08:44	1
2,2'-oxybis[1-chloropropane]	0.38	U	0.38	0.023	mg/Kg	☼	10/07/25 21:44	10/08/25 08:44	1
2,3,4,6-Tetrachlorophenol	0.38	U	0.38	0.025	mg/Kg	☼	10/07/25 21:44	10/08/25 08:44	1
2,4,5-Trichlorophenol	0.38	U	0.38	0.038	mg/Kg	☼	10/07/25 21:44	10/08/25 08:44	1
2,4,6-Trichlorophenol	0.15	U	0.15	0.048	mg/Kg	☼	10/07/25 21:44	10/08/25 08:44	1
2,4-Dichlorophenol	0.15	U	0.15	0.024	mg/Kg	☼	10/07/25 21:44	10/08/25 08:44	1
2,4-Dimethylphenol	0.38	U	0.38	0.045	mg/Kg	☼	10/07/25 21:44	10/08/25 08:44	1
2,4-Dinitrophenol	0.30	U	0.30	0.18	mg/Kg	☼	10/07/25 21:44	10/08/25 08:44	1
2,4-Dinitrotoluene	0.076	U	0.076	0.040	mg/Kg	☼	10/07/25 21:44	10/08/25 08:44	1
2,6-Dinitrotoluene	0.076	U	0.076	0.027	mg/Kg	☼	10/07/25 21:44	10/08/25 08:44	1
2-Chloronaphthalene	0.38	U	0.38	0.048	mg/Kg	☼	10/07/25 21:44	10/08/25 08:44	1
2-Chlorophenol	0.38	U	0.38	0.013	mg/Kg	☼	10/07/25 21:44	10/08/25 08:44	1
2-Methylnaphthalene	0.38	U	0.38	0.011	mg/Kg	☼	10/07/25 21:44	10/08/25 08:44	1
2-Methylphenol	0.38	U	0.38	0.014	mg/Kg	☼	10/07/25 21:44	10/08/25 08:44	1
2-Nitroaniline	0.38	U	0.38	0.029	mg/Kg	☼	10/07/25 21:44	10/08/25 08:44	1
2-Nitrophenol	0.38	U	0.38	0.038	mg/Kg	☼	10/07/25 21:44	10/08/25 08:44	1
3 & 4 Methylphenol	0.38	U	0.38	0.023	mg/Kg	☼	10/07/25 21:44	10/08/25 08:44	1
3,3'-Dichlorobenzidine	0.15	U	0.15	0.057	mg/Kg	☼	10/07/25 21:44	10/08/25 08:44	1
3-Nitroaniline	0.38	U	0.38	0.089	mg/Kg	☼	10/07/25 21:44	10/08/25 08:44	1
4,6-Dinitro-2-methylphenol	0.30	U	0.30	0.15	mg/Kg	☼	10/07/25 21:44	10/08/25 08:44	1
4-Bromophenyl phenyl ether	0.38	U	0.38	0.015	mg/Kg	☼	10/07/25 21:44	10/08/25 08:44	1
4-Chloro-3-methylphenol	0.38	U	0.38	0.021	mg/Kg	☼	10/07/25 21:44	10/08/25 08:44	1
4-Chloroaniline	0.38	U	0.38	0.067	mg/Kg	☼	10/07/25 21:44	10/08/25 08:44	1
4-Chlorophenyl phenyl ether	0.38	U	0.38	0.013	mg/Kg	☼	10/07/25 21:44	10/08/25 08:44	1
4-Methylphenol	0.38	U	0.38	0.023	mg/Kg	☼	10/07/25 21:44	10/08/25 08:44	1
4-Nitroaniline	0.38	U	0.38	0.095	mg/Kg	☼	10/07/25 21:44	10/08/25 08:44	1
4-Nitrophenol	0.76	U	0.76	0.061	mg/Kg	☼	10/07/25 21:44	10/08/25 08:44	1
Acenaphthene	0.38	U	0.38	0.011	mg/Kg	☼	10/07/25 21:44	10/08/25 08:44	1
Acenaphthylene	0.38	U	0.38	0.011	mg/Kg	☼	10/07/25 21:44	10/08/25 08:44	1
Acetophenone	0.38	U	0.38	0.018	mg/Kg	☼	10/07/25 21:44	10/08/25 08:44	1
Anthracene	0.38	U	0.38	0.011	mg/Kg	☼	10/07/25 21:44	10/08/25 08:44	1
Atrazine	0.15	U	0.15	0.022	mg/Kg	☼	10/07/25 21:44	10/08/25 08:44	1
Benzaldehyde	0.38	U	0.38	0.062	mg/Kg	☼	10/07/25 21:44	10/08/25 08:44	1
Benzo[a]anthracene	0.038	U	0.038	0.028	mg/Kg	☼	10/07/25 21:44	10/08/25 08:44	1
Benzo[a]pyrene	0.038	U	0.038	0.010	mg/Kg	☼	10/07/25 21:44	10/08/25 08:44	1
Benzo[b]fluoranthene	0.038	U	0.038	0.0097	mg/Kg	☼	10/07/25 21:44	10/08/25 08:44	1
Benzo[g,h,i]perylene	0.38	U	0.38	0.011	mg/Kg	☼	10/07/25 21:44	10/08/25 08:44	1
Benzo[k]fluoranthene	0.038	U	0.038	0.0074	mg/Kg	☼	10/07/25 21:44	10/08/25 08:44	1
Bis(2-chloroethoxy)methane	0.38	U	0.38	0.069	mg/Kg	☼	10/07/25 21:44	10/08/25 08:44	1
Bis(2-chloroethyl)ether	0.038	U	0.038	0.013	mg/Kg	☼	10/07/25 21:44	10/08/25 08:44	1
Bis(2-ethylhexyl) phthalate	0.38	U	0.38	0.020	mg/Kg	☼	10/07/25 21:44	10/08/25 08:44	1
Butyl benzyl phthalate	0.38	U	0.38	0.018	mg/Kg	☼	10/07/25 21:44	10/08/25 08:44	1
Caprolactam	0.38	U	0.38	0.059	mg/Kg	☼	10/07/25 21:44	10/08/25 08:44	1
Carbazole	0.38	U	0.38	0.014	mg/Kg	☼	10/07/25 21:44	10/08/25 08:44	1
Chrysene	0.38	U	0.38	0.016	mg/Kg	☼	10/07/25 21:44	10/08/25 08:44	1
Dibenz(a,h)anthracene	0.038	U	0.038	0.016	mg/Kg	☼	10/07/25 21:44	10/08/25 08:44	1
Dibenzofuran	0.38	U	0.38	0.013	mg/Kg	☼	10/07/25 21:44	10/08/25 08:44	1

Client Sample ID: 62A_5-10
Date Collected: 10/06/25 08:55
Date Received: 10/06/25 15:30

Lab Sample ID: 460-336556-12
Matrix: Solid
Percent Solids: 88.0

Method: SW846 8270E - Semivolatile Organic Compounds (GC/MS) (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Diethyl phthalate	0.38	U	0.38	0.012	mg/Kg	☼	10/07/25 21:44	10/08/25 08:44	1
Dimethyl phthalate	0.38	U	0.38	0.085	mg/Kg	☼	10/07/25 21:44	10/08/25 08:44	1
Di-n-butyl phthalate	0.38	U	0.38	0.014	mg/Kg	☼	10/07/25 21:44	10/08/25 08:44	1
Di-n-octyl phthalate	0.38	U	0.38	0.020	mg/Kg	☼	10/07/25 21:44	10/08/25 08:44	1
Fluoranthene	0.38	U	0.38	0.013	mg/Kg	☼	10/07/25 21:44	10/08/25 08:44	1
Fluorene	0.38	U	0.38	0.011	mg/Kg	☼	10/07/25 21:44	10/08/25 08:44	1
Hexachlorobenzene	0.038	U	0.038	0.018	mg/Kg	☼	10/07/25 21:44	10/08/25 08:44	1
Hexachlorobutadiene	0.076	U	0.076	0.0080	mg/Kg	☼	10/07/25 21:44	10/08/25 08:44	1
Hexachlorocyclopentadiene	0.38	U	0.38	0.033	mg/Kg	☼	10/07/25 21:44	10/08/25 08:44	1
Hexachloroethane	0.038	U	0.038	0.013	mg/Kg	☼	10/07/25 21:44	10/08/25 08:44	1
Indeno[1,2,3-cd]pyrene	0.038	U	0.038	0.015	mg/Kg	☼	10/07/25 21:44	10/08/25 08:44	1
Isophorone	0.15	U	0.15	0.11	mg/Kg	☼	10/07/25 21:44	10/08/25 08:44	1
Naphthalene	0.38	U	0.38	0.0065	mg/Kg	☼	10/07/25 21:44	10/08/25 08:44	1
Nitrobenzene	0.038	U	0.038	0.021	mg/Kg	☼	10/07/25 21:44	10/08/25 08:44	1
N-Nitrosodi-n-propylamine	0.038	U	0.038	0.027	mg/Kg	☼	10/07/25 21:44	10/08/25 08:44	1
N-Nitrosodiphenylamine	0.38	U	0.38	0.031	mg/Kg	☼	10/07/25 21:44	10/08/25 08:44	1
Pentachlorophenol	0.30	U	0.30	0.077	mg/Kg	☼	10/07/25 21:44	10/08/25 08:44	1
Phenanthrene	0.38	U	0.38	0.015	mg/Kg	☼	10/07/25 21:44	10/08/25 08:44	1
Phenol	0.38	U	0.38	0.014	mg/Kg	☼	10/07/25 21:44	10/08/25 08:44	1
Pyrene	0.38	U	0.38	0.0094	mg/Kg	☼	10/07/25 21:44	10/08/25 08:44	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
2,4,6-Tribromophenol (Surr)	*62*		*18 - 137*	*10/07/25 21:44*	*10/08/25 08:44*	*1*
2-Fluorobiphenyl	*61*		*33 - 117*	*10/07/25 21:44*	*10/08/25 08:44*	*1*
2-Fluorophenol (Surr)	*61*		*24 - 120*	*10/07/25 21:44*	*10/08/25 08:44*	*1*
Nitrobenzene-d5 (Surr)	*54*		*27 - 120*	*10/07/25 21:44*	*10/08/25 08:44*	*1*
Phenol-d5 (Surr)	*57*		*28 - 118*	*10/07/25 21:44*	*10/08/25 08:44*	*1*
Terphenyl-d14 (Surr)	*64*		*33 - 124*	*10/07/25 21:44*	*10/08/25 08:44*	*1*

Method: SW846 8081B - Organochlorine Pesticides (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
4,4'-DDD	0.0076	U	0.0076	0.0013	mg/Kg	☼	10/07/25 17:46	10/08/25 11:48	1
4,4'-DDE	0.0076	U	0.0076	0.00090	mg/Kg	☼	10/07/25 17:46	10/08/25 11:48	1
4,4'-DDT	0.0076	U	0.0076	0.0014	mg/Kg	☼	10/07/25 17:46	10/08/25 11:48	1
Aldrin	0.0076	U	0.0076	0.0011	mg/Kg	☼	10/07/25 17:46	10/08/25 11:48	1
alpha-BHC	0.0023	U	0.0023	0.00077	mg/Kg	☼	10/07/25 17:46	10/08/25 11:48	1
beta-BHC	0.0023	U	0.0023	0.00085	mg/Kg	☼	10/07/25 17:46	10/08/25 11:48	1
Chlordane (technical)	0.076	U	0.076	0.018	mg/Kg	☼	10/07/25 17:46	10/08/25 11:48	1
cis-Chlordane	0.0076	U	0.0076	0.0012	mg/Kg	☼	10/07/25 17:46	10/08/25 11:48	1
delta-BHC	0.0023	U	0.0023	0.00047	mg/Kg	☼	10/07/25 17:46	10/08/25 11:48	1
Dieldrin	0.0023	U	0.0023	0.00099	mg/Kg	☼	10/07/25 17:46	10/08/25 11:48	1
Endosulfan I	0.0076	U	0.0076	0.0012	mg/Kg	☼	10/07/25 17:46	10/08/25 11:48	1
Endosulfan II	0.0076	U	0.0076	0.0020	mg/Kg	☼	10/07/25 17:46	10/08/25 11:48	1
Endosulfan sulfate	0.0076	U	0.0076	0.00095	mg/Kg	☼	10/07/25 17:46	10/08/25 11:48	1
Endrin	0.0076	U	0.0076	0.0011	mg/Kg	☼	10/07/25 17:46	10/08/25 11:48	1
Endrin aldehyde	0.0076	U	0.0076	0.0018	mg/Kg	☼	10/07/25 17:46	10/08/25 11:48	1
Endrin ketone	0.0076	U	0.0076	0.0015	mg/Kg	☼	10/07/25 17:46	10/08/25 11:48	1
gamma-BHC (Lindane)	0.0023	U	0.0023	0.00070	mg/Kg	☼	10/07/25 17:46	10/08/25 11:48	1
Heptachlor	0.0076	U	0.0076	0.00090	mg/Kg	☼	10/07/25 17:46	10/08/25 11:48	1
Heptachlor epoxide	0.0076	U	0.0076	0.0011	mg/Kg	☼	10/07/25 17:46	10/08/25 11:48	1

Client Sample ID: 62A_5-10
Date Collected: 10/06/25 08:55
Date Received: 10/06/25 15:30

Lab Sample ID: 460-336556-12
Matrix: Solid
Percent Solids: 88.0

Method: SW846 8081B - Organochlorine Pesticides (GC) (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Methoxychlor	0.0076	U	0.0076	0.0017	mg/Kg	☼	10/07/25 17:46	10/08/25 11:48	1
Toxaphene	0.076	U	0.076	0.028	mg/Kg	☼	10/07/25 17:46	10/08/25 11:48	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
DCB Decachlorobiphenyl	*120*		*10 - 150*	*10/07/25 17:46*	*10/08/25 11:48*	*1*
DCB Decachlorobiphenyl	*129*		*10 - 150*	*10/07/25 17:46*	*10/08/25 11:48*	*1*
Tetrachloro-m-xylene	*102*		*14 - 150*	*10/07/25 17:46*	*10/08/25 11:48*	*1*
Tetrachloro-m-xylene	*103*		*14 - 150*	*10/07/25 17:46*	*10/08/25 11:48*	*1*

Method: SW846 8082A - Polychlorinated Biphenyls (PCBs) by Gas Chromatography

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Aroclor 1016	0.076	U	0.076	0.020	mg/Kg	☼	10/07/25 17:40	10/08/25 13:19	1
Aroclor 1221	0.076	U	0.076	0.020	mg/Kg	☼	10/07/25 17:40	10/08/25 13:19	1
Aroclor 1232	0.076	U	0.076	0.020	mg/Kg	☼	10/07/25 17:40	10/08/25 13:19	1
Aroclor 1242	0.076	U	0.076	0.020	mg/Kg	☼	10/07/25 17:40	10/08/25 13:19	1
Aroclor 1248	0.076	U	0.076	0.020	mg/Kg	☼	10/07/25 17:40	10/08/25 13:19	1
Aroclor 1254	0.076	U	0.076	0.020	mg/Kg	☼	10/07/25 17:40	10/08/25 13:19	1
Aroclor 1260	0.076	U	0.076	0.020	mg/Kg	☼	10/07/25 17:40	10/08/25 13:19	1
Aroclor-1262	0.076	U	0.076	0.020	mg/Kg	☼	10/07/25 17:40	10/08/25 13:19	1
Aroclor 1268	0.076	U	0.076	0.020	mg/Kg	☼	10/07/25 17:40	10/08/25 13:19	1
Polychlorinated biphenyls, Total	0.076	U	0.076	0.020	mg/Kg	☼	10/07/25 17:40	10/08/25 13:19	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
DCB Decachlorobiphenyl	*112*		*10 - 150*	*10/07/25 17:40*	*10/08/25 13:19*	*1*
DCB Decachlorobiphenyl	*128*		*10 - 150*	*10/07/25 17:40*	*10/08/25 13:19*	*1*
Tetrachloro-m-xylene	*89*		*10 - 150*	*10/07/25 17:40*	*10/08/25 13:19*	*1*
Tetrachloro-m-xylene	*95*		*10 - 150*	*10/07/25 17:40*	*10/08/25 13:19*	*1*

Method: EPA 1633A - Per- and Polyfluoroalkyl Substances by LC/MS/MS, 1633A

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Perfluorobutanoic acid (PFBA)	0.39	U	0.39	0.096	ug/Kg	☼	10/08/25 14:14	10/10/25 05:45	1
Perfluoropentanoic acid (PFPeA)	0.19	U	0.19	0.096	ug/Kg	☼	10/08/25 14:14	10/10/25 05:45	1
Perfluorohexanoic acid (PFHxA)	0.19	U	0.19	0.096	ug/Kg	☼	10/08/25 14:14	10/10/25 05:45	1
Perfluoroheptanoic acid (PFHpA)	**0.20**		0.19	0.096	ug/Kg	☼	10/08/25 14:14	10/10/25 05:45	1
Perfluorooctanoic acid (PFOA)	**0.19**		0.19	0.058	ug/Kg	☼	10/08/25 14:14	10/10/25 05:45	1
Perfluorononanoic acid (PFNA)	**0.88**		0.19	0.096	ug/Kg	☼	10/08/25 14:14	10/10/25 05:45	1
Perfluorodecanoic acid (PFDA)	**0.94**		0.19	0.058	ug/Kg	☼	10/08/25 14:14	10/10/25 05:45	1
Perfluoroundecanoic acid (PFUnA)	**6.95**		0.19	0.096	ug/Kg	☼	10/08/25 14:14	10/10/25 05:45	1
Perfluorododecanoic acid (PFDoA)	**0.79**		0.19	0.096	ug/Kg	☼	10/08/25 14:14	10/10/25 05:45	1
Perfluorotridecanoic acid (PFTrDA)	**3.26**		0.19	0.096	ug/Kg	☼	10/08/25 14:14	10/10/25 05:45	1
Perfluorotetradecanoic acid (PFTeDA)	**0.19**		0.19	0.096	ug/Kg	☼	10/08/25 14:14	10/10/25 05:45	1
Perfluorobutanesulfonic acid (PFBS)	0.19	U	0.19	0.096	ug/Kg	☼	10/08/25 14:14	10/10/25 05:45	1
Perfluoropentanesulfonic acid (PFPeS)	0.19	U	0.19	0.096	ug/Kg	☼	10/08/25 14:14	10/10/25 05:45	1
Perfluorohexanesulfonic acid (PFHxS)	0.19	U	0.19	0.096	ug/Kg	☼	10/08/25 14:14	10/10/25 05:45	1
Perfluoroheptanesulfonic acid (PFHpS)	0.19	U	0.19	0.096	ug/Kg	☼	10/08/25 14:14	10/10/25 05:45	1
Perfluorooctanesulfonic acid (PFOS)	0.19	U	0.19	0.096	ug/Kg	☼	10/08/25 14:14	10/10/25 05:45	1

Client Sample ID: 62A_5-10
Date Collected: 10/06/25 08:55
Date Received: 10/06/25 15:30

Lab Sample ID: 460-336556-12
Matrix: Solid
Percent Solids: 88.0

Method: EPA 1633A - Per- and Polyfluoroalkyl Substances by LC/MS/MS, 1633A (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Perfluorononanesulfonic acid (PFNS)	0.19	U	0.19	0.096	ug/Kg	☼	10/08/25 14:14	10/10/25 05:45	1
Perfluorodecanesulfonic acid (PFDS)	0.19	U	0.19	0.096	ug/Kg	☼	10/08/25 14:14	10/10/25 05:45	1
Perfluorododecanesulfonic acid (PFDoS)	0.19	U	0.19	0.096	ug/Kg	☼	10/08/25 14:14	10/10/25 05:45	1
1H,1H,2H,2H-Perfluorohexane sulfonic acid (4:2 FTS)	0.39	U	0.39	0.19	ug/Kg	☼	10/08/25 14:14	10/10/25 05:45	1
1H,1H,2H,2H-Perfluorooctane sulfonic acid (6:2 FTS)	**0.22**	**J**	0.39	0.19	ug/Kg	☼	10/08/25 14:14	10/10/25 05:45	1
1H,1H,2H,2H-Perfluorodecane sulfonic acid (8:2 FTS)	**1.96**		0.39	0.19	ug/Kg	☼	10/08/25 14:14	10/10/25 05:45	1
Perfluorooctanesulfonamide (PFOSA)	0.19	U	0.19	0.096	ug/Kg	☼	10/08/25 14:14	10/10/25 05:45	1
N-methylperfluorooctane sulfonamide (NMeFOSA)	0.19	U	0.19	0.096	ug/Kg	☼	10/08/25 14:14	10/10/25 05:45	1
N-ethylperfluorooctane sulfonamide (NEtFOSA)	0.19	U	0.19	0.096	ug/Kg	☼	10/08/25 14:14	10/10/25 05:45	1
N-methylperfluorooctanesulfonamidoacetic acid (NMeFOSAA)	0.19	U	0.19	0.096	ug/Kg	☼	10/08/25 14:14	10/10/25 05:45	1
N-ethylperfluorooctanesulfonamidoacetic acid (NEtFOSAA)	0.19	U	0.19	0.096	ug/Kg	☼	10/08/25 14:14	10/10/25 05:45	1
N-methylperfluorooctane sulfonamidoethanol (NMeFOSE)	0.96	U	0.96	0.48	ug/Kg	☼	10/08/25 14:14	10/10/25 05:45	1
N-ethylperfluorooctane sulfonamidoethanol (NEtFOSE)	0.96	U	0.96	0.48	ug/Kg	☼	10/08/25 14:14	10/10/25 05:45	1
Hexafluoropropylene Oxide Dimer Acid (HFPO-DA)	0.19	U	0.19	0.096	ug/Kg	☼	10/08/25 14:14	10/10/25 05:45	1
4,8-Dioxa-3H-perfluorononanoic acid (ADONA)	0.19	U	0.19	0.096	ug/Kg	☼	10/08/25 14:14	10/10/25 05:45	1
Perfluoro-3-methoxypropanoic acid (PFMPA)	0.19	U	0.19	0.096	ug/Kg	☼	10/08/25 14:14	10/10/25 05:45	1
Perfluoro-4-methoxybutanoic acid (PFMBA)	0.19	U	0.19	0.096	ug/Kg	☼	10/08/25 14:14	10/10/25 05:45	1
Nonafluoro-3,6-dioxaheptanoic acid (NFDHA)	0.19	U	0.19	0.096	ug/Kg	☼	10/08/25 14:14	10/10/25 05:45	1
9-Chlorohexadecafluoro-3-oxanonane-1-sulfonic acid (9Cl-PF3ONS)	0.19	U	0.19	0.096	ug/Kg	☼	10/08/25 14:14	10/10/25 05:45	1
11-Chloroeicosafluoro-3-oxaundecane-1-sulfonic acid (11Cl-PF3OUdS)	0.19	U	0.19	0.096	ug/Kg	☼	10/08/25 14:14	10/10/25 05:45	1
Perfluoro (2-ethoxyethane) sulfonic acid (PFEESA)	0.19	U	0.19	0.096	ug/Kg	☼	10/08/25 14:14	10/10/25 05:45	1
3-Perfluoropropylpropanoic acid (3:3 FTCA)	0.39	U	0.39	0.19	ug/Kg	☼	10/08/25 14:14	10/10/25 05:45	1
3-Perfluoropentylpropanoic acid (5:3 FTCA)	0.96	U	0.96	0.48	ug/Kg	☼	10/08/25 14:14	10/10/25 05:45	1
3-Perfluoroheptylpropanoic acid (7:3 FTCA)	0.96	U	0.96	0.48	ug/Kg	☼	10/08/25 14:14	10/10/25 05:45	1

Isotope Dilution	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
13C4 PFBA	*73.0*		*8 - 130*	*10/08/25 14:14*	*10/10/25 05:45*	*1*
13C5 PFPeA	*71.9*		*35 - 130*	*10/08/25 14:14*	*10/10/25 05:45*	*1*
13C5 PFHxA	*74.0*		*40 - 130*	*10/08/25 14:14*	*10/10/25 05:45*	*1*
13C4 PFHpA	*68.0*		*40 - 130*	*10/08/25 14:14*	*10/10/25 05:45*	*1*
13C8 PFOA	*70.5*		*40 - 130*	*10/08/25 14:14*	*10/10/25 05:45*	*1*
13C9 PFNA	*69.9*		*40 - 130*	*10/08/25 14:14*	*10/10/25 05:45*	*1*
13C6 PFDA	*67.8*		*40 - 130*	*10/08/25 14:14*	*10/10/25 05:45*	*1*
13C7 PFUnA	*65.3*		*40 - 130*	*10/08/25 14:14*	*10/10/25 05:45*	*1*

Client Sample ID: 62A_5-10

Date Collected: 10/06/25 08:55
Date Received: 10/06/25 15:30

Lab Sample ID: 460-336556-12

Matrix: Solid
Percent Solids: 88.0

Method: EPA 1633A - Per- and Polyfluoroalkyl Substances by LC/MS/MS, 1633A (Continued)

Isotope Dilution	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
13C2 PFTeDA	44.3		20 - 130	10/08/25 14:14	10/10/25 05:45	1
13C3 PFBS	72.9		40 - 135	10/08/25 14:14	10/10/25 05:45	1
13C3 PFHxS	65.8		40 - 130	10/08/25 14:14	10/10/25 05:45	1
13C8 PFOS	69.6		40 - 130	10/08/25 14:14	10/10/25 05:45	1
13C8 FOSA	71.3		40 - 130	10/08/25 14:14	10/10/25 05:45	1
d3-NMeFOSAA	54.1		40 - 135	10/08/25 14:14	10/10/25 05:45	1
d5-NEtFOSAA	53.7		40 - 150	10/08/25 14:14	10/10/25 05:45	1
13C2 4:2 FTS	93.1		40 - 165	10/08/25 14:14	10/10/25 05:45	1
13C2 6:2 FTS	72.9		40 - 215	10/08/25 14:14	10/10/25 05:45	1
13C2 8:2 FTS	83.1		40 - 275	10/08/25 14:14	10/10/25 05:45	1
13C3 HFPO-DA	65.3		40 - 130	10/08/25 14:14	10/10/25 05:45	1
d7-N-MeFOSE-M	30.4		20 - 130	10/08/25 14:14	10/10/25 05:45	1
d9-N-EtFOSE-M	27.8		15 - 130	10/08/25 14:14	10/10/25 05:45	1
d5-NEtPFOSA	52.6		10 - 130	10/08/25 14:14	10/10/25 05:45	1
d3-NMePFOSA	58.6		10 - 130	10/08/25 14:14	10/10/25 05:45	1
13C2 PFDoA	62.2		40 - 130	10/08/25 14:14	10/10/25 05:45	1

Method: SW846 6020B - Metals (ICP/MS)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Aluminum	7000		17.2	4.7	mg/Kg	☼	10/09/25 18:35	10/10/25 18:19	1
Antimony	1.1		0.86	0.13	mg/Kg	☼	10/09/25 18:35	10/10/25 18:19	1
Arsenic	8.0		0.86	0.089	mg/Kg	☼	10/09/25 18:35	10/10/25 18:19	1
Barium	38.2		1.7	0.12	mg/Kg	☼	10/09/25 18:35	10/10/25 18:19	1
Beryllium	0.47		0.34	0.019	mg/Kg	☼	10/09/25 18:35	10/10/25 18:19	1
Cadmium	0.11	J	0.86	0.097	mg/Kg	☼	10/09/25 18:35	10/10/25 18:19	1
Calcium	841		86.1	8.4	mg/Kg	☼	10/09/25 18:35	10/10/25 18:19	1
Chromium	20.1		1.7	0.26	mg/Kg	☼	10/09/25 18:35	10/10/25 18:19	1
Cobalt	5.5		0.86	0.13	mg/Kg	☼	10/09/25 18:35	10/10/25 18:19	1
Copper	43.9		1.7	0.32	mg/Kg	☼	10/09/25 18:35	10/10/25 18:19	1
Iron	21100		51.7	6.6	mg/Kg	☼	10/09/25 18:35	10/10/25 18:19	1
Lead	44.3		0.52	0.17	mg/Kg	☼	10/09/25 18:35	10/10/25 18:19	1
Magnesium	1200		86.1	8.8	mg/Kg	☼	10/09/25 18:35	10/10/25 18:19	1
Manganese	146		3.4	0.35	mg/Kg	☼	10/09/25 18:35	10/10/25 18:19	1
Nickel	22.7		1.7	0.15	mg/Kg	☼	10/09/25 18:35	10/10/25 18:19	1
Potassium	767		86.1	14.0	mg/Kg	☼	10/09/25 18:35	10/10/25 18:19	1
Selenium	0.28	J	1.1	0.11	mg/Kg	☼	10/09/25 18:35	10/10/25 18:19	1
Silver	0.11	J	0.34	0.077	mg/Kg	☼	10/09/25 18:35	10/10/25 18:19	1
Sodium	48.0	J	86.1	39.4	mg/Kg	☼	10/09/25 18:35	10/10/25 18:19	1
Thallium	0.083	J	0.34	0.035	mg/Kg	☼	10/09/25 18:35	10/10/25 18:19	1
Vanadium	39.1		1.7	0.18	mg/Kg	☼	10/09/25 18:35	10/10/25 18:19	1
Zinc	69.0		6.9	0.94	mg/Kg	☼	10/09/25 18:35	10/10/25 18:19	1

Method: SW846 7471B - Mercury (CVAA)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	0.027		0.018	0.0084	mg/Kg	☼	10/14/25 02:33	10/14/25 09:22	1

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Percent Moisture (EPA Moisture)	12.0		1.0	1.0	%			10/07/25 16:13	1
Percent Solids (EPA Moisture)	88.0		1.0	1.0	%			10/07/25 16:13	1

Client: Haley & Aldrich, Inc.
Project/Site: Former Port Mobil

Job ID: 460-336556-1

Client Sample ID: 48A1_0-1
Date Collected: 10/06/25 09:00
Date Received: 10/06/25 15:30

Lab Sample ID: 460-336556-13
Matrix: Solid
Percent Solids: 95.1

Method: SW846 8260D - Volatile Organic Compounds by GC/MS

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1-Trichloroethane	0.00080	U	0.00080	0.00019	mg/Kg	☼	10/08/25 14:33	10/08/25 16:45	1
1,1,2,2-Tetrachloroethane	0.00080	U	0.00080	0.00042	mg/Kg	☼	10/08/25 14:33	10/08/25 16:45	1
1,1,2-Trichloro-1,2,2-trifluoroethane	0.00080	U	0.00080	0.00024	mg/Kg	☼	10/08/25 14:33	10/08/25 16:45	1
1,1,2-Trichloroethane	0.00080	U	0.00080	0.00048	mg/Kg	☼	10/08/25 14:33	10/08/25 16:45	1
1,1-Dichloroethane	0.00080	U	0.00080	0.00048	mg/Kg	☼	10/08/25 14:33	10/08/25 16:45	1
1,1-Dichloroethene	0.00080	U	0.00080	0.00018	mg/Kg	☼	10/08/25 14:33	10/08/25 16:45	1
1,2,3-Trichlorobenzene	0.00080	U	0.00080	0.00059	mg/Kg	☼	10/08/25 14:33	10/08/25 16:45	1
1,2,4-Trichlorobenzene	0.00080	U	0.00080	0.00029	mg/Kg	☼	10/08/25 14:33	10/08/25 16:45	1
1,2,4-Trimethylbenzene	0.00080	U	0.00080	0.00020	mg/Kg	☼	10/08/25 14:33	10/08/25 16:45	1
1,2-Dibromo-3-Chloropropane	0.00080	U	0.00080	0.00037	mg/Kg	☼	10/08/25 14:33	10/08/25 16:45	1
1,2-Dichlorobenzene	0.00080	U	0.00080	0.00029	mg/Kg	☼	10/08/25 14:33	10/08/25 16:45	1
1,2-Dichloroethane	0.00080	U	0.00080	0.00024	mg/Kg	☼	10/08/25 14:33	10/08/25 16:45	1
1,2-Dichloropropane	0.00080	U	0.00080	0.00034	mg/Kg	☼	10/08/25 14:33	10/08/25 16:45	1
1,3,5-Trimethylbenzene	0.00080	U	0.00080	0.00025	mg/Kg	☼	10/08/25 14:33	10/08/25 16:45	1
1,3-Dichlorobenzene	0.00080	U	0.00080	0.00029	mg/Kg	☼	10/08/25 14:33	10/08/25 16:45	1
1,4-Dichlorobenzene	0.00080	U	0.00080	0.00042	mg/Kg	☼	10/08/25 14:33	10/08/25 16:45	1
2-Butanone (MEK)	0.0040	U	0.0040	0.00029	mg/Kg	☼	10/08/25 14:33	10/08/25 16:45	1
2-Hexanone	0.0040	U	0.0040	0.0014	mg/Kg	☼	10/08/25 14:33	10/08/25 16:45	1
4-Methyl-2-pentanone (MIBK)	0.0040	U	0.0040	0.0012	mg/Kg	☼	10/08/25 14:33	10/08/25 16:45	1
Acetone	**0.11**		0.0048	0.0046	mg/Kg	☼	10/08/25 14:33	10/08/25 16:45	1
Benzene	0.00080	U	0.00080	0.00045	mg/Kg	☼	10/08/25 14:33	10/08/25 16:45	1
Bromoform	0.00080	U	0.00080	0.00034	mg/Kg	☼	10/08/25 14:33	10/08/25 16:45	1
Bromomethane	0.0016	U *	0.0016	0.00080	mg/Kg	☼	10/08/25 14:33	10/08/25 16:45	1
Carbon disulfide	0.00080	U	0.00080	0.00021	mg/Kg	☼	10/08/25 14:33	10/08/25 16:45	1
Carbon tetrachloride	0.00080	U	0.00080	0.00031	mg/Kg	☼	10/08/25 14:33	10/08/25 16:45	1
Chlorobenzene	0.00080	U	0.00080	0.00041	mg/Kg	☼	10/08/25 14:33	10/08/25 16:45	1
Chlorobromomethane	0.00080	U	0.00080	0.00048	mg/Kg	☼	10/08/25 14:33	10/08/25 16:45	1
Chlorodibromomethane	0.00080	U	0.00080	0.00043	mg/Kg	☼	10/08/25 14:33	10/08/25 16:45	1
Chloroethane	0.00080	U	0.00080	0.00042	mg/Kg	☼	10/08/25 14:33	10/08/25 16:45	1
Chloroform	0.00080	U	0.00080	0.00078	mg/Kg	☼	10/08/25 14:33	10/08/25 16:45	1
Chloromethane	0.00080	U	0.00080	0.00035	mg/Kg	☼	10/08/25 14:33	10/08/25 16:45	1
cis-1,2-Dichloroethene	0.00080	U	0.00080	0.00029	mg/Kg	☼	10/08/25 14:33	10/08/25 16:45	1
cis-1,3-Dichloropropene	0.00080	U	0.00080	0.00022	mg/Kg	☼	10/08/25 14:33	10/08/25 16:45	1
Cyclohexane	0.00080	U	0.00080	0.00018	mg/Kg	☼	10/08/25 14:33	10/08/25 16:45	1
Dichlorobromomethane	0.00080	U	0.00080	0.00021	mg/Kg	☼	10/08/25 14:33	10/08/25 16:45	1
Dichlorodifluoromethane	0.00080	U	0.00080	0.00027	mg/Kg	☼	10/08/25 14:33	10/08/25 16:45	1
Ethylbenzene	0.00080	U	0.00080	0.00037	mg/Kg	☼	10/08/25 14:33	10/08/25 16:45	1
Ethylene Dibromide	0.00080	U	0.00080	0.00040	mg/Kg	☼	10/08/25 14:33	10/08/25 16:45	1
Isopropylbenzene	0.00080	U	0.00080	0.00023	mg/Kg	☼	10/08/25 14:33	10/08/25 16:45	1
Methyl acetate	0.0040	U	0.0040	0.0034	mg/Kg	☼	10/08/25 14:33	10/08/25 16:45	1
Methyl tert-butyl ether	0.00080	U	0.00080	0.00041	mg/Kg	☼	10/08/25 14:33	10/08/25 16:45	1
Methylcyclohexane	0.00080	U	0.00080	0.00040	mg/Kg	☼	10/08/25 14:33	10/08/25 16:45	1
Methylene Chloride	0.0016	U	0.0016	0.00092	mg/Kg	☼	10/08/25 14:33	10/08/25 16:45	1
m-Xylene & p-Xylene	0.00080	U	0.00080	0.00034	mg/Kg	☼	10/08/25 14:33	10/08/25 16:45	1
n-Butylbenzene	0.00080	U	0.00080	0.00024	mg/Kg	☼	10/08/25 14:33	10/08/25 16:45	1
N-Propylbenzene	0.00080	U	0.00080	0.00036	mg/Kg	☼	10/08/25 14:33	10/08/25 16:45	1
o-Xylene	0.00080	U	0.00080	0.00037	mg/Kg	☼	10/08/25 14:33	10/08/25 16:45	1
sec-Butylbenzene	0.00080	U	0.00080	0.00023	mg/Kg	☼	10/08/25 14:33	10/08/25 16:45	1
Styrene	0.00080	U	0.00080	0.00022	mg/Kg	☼	10/08/25 14:33	10/08/25 16:45	1

Client Sample ID: 48A1_0-1

Lab Sample ID: 460-336556-13

Date Collected: 10/06/25 09:00
Matrix: Solid
Date Received: 10/06/25 15:30
Percent Solids: 95.1

Method: SW846 8260D - Volatile Organic Compounds by GC/MS (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
tert-Butylbenzene	0.00080	U	0.00080	0.00022	mg/Kg	☼	10/08/25 14:33	10/08/25 16:45	1
Tetrachloroethene	0.00080	U	0.00080	0.00024	mg/Kg	☼	10/08/25 14:33	10/08/25 16:45	1
Toluene	0.00080	U	0.00080	0.00019	mg/Kg	☼	10/08/25 14:33	10/08/25 16:45	1
trans-1,2-Dichloroethene	0.00080	U	0.00080	0.00020	mg/Kg	☼	10/08/25 14:33	10/08/25 16:45	1
trans-1,3-Dichloropropene	0.00080	U	0.00080	0.00021	mg/Kg	☼	10/08/25 14:33	10/08/25 16:45	1
Trichloroethene	0.00080	U	0.00080	0.00026	mg/Kg	☼	10/08/25 14:33	10/08/25 16:45	1
Trichlorofluoromethane	0.00080	U	0.00080	0.00033	mg/Kg	☼	10/08/25 14:33	10/08/25 16:45	1
Vinyl chloride	0.00080	U	0.00080	0.00044	mg/Kg	☼	10/08/25 14:33	10/08/25 16:45	1
Xylenes, Total	0.0016	U	0.0016	0.00014	mg/Kg	☼	10/08/25 14:33	10/08/25 16:45	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,2-Dichloroethane-d4 (Surr)	*118*		*65 - 138*	*10/08/25 14:33*	*10/08/25 16:45*	*1*
4-Bromofluorobenzene	*102*		*71 - 128*	*10/08/25 14:33*	*10/08/25 16:45*	*1*
Dibromofluoromethane (Surr)	*123*		*50 - 150*	*10/08/25 14:33*	*10/08/25 16:45*	*1*
Toluene-d8 (Surr)	*96*		*71 - 126*	*10/08/25 14:33*	*10/08/25 16:45*	*1*

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Percent Moisture (EPA Moisture)	**4.9**		1.0	1.0	%			10/09/25 11:12	1
Percent Solids (EPA Moisture)	**95.1**		1.0	1.0	%			10/09/25 11:12	1

Client Sample ID: 48A2_3-4

Lab Sample ID: 460-336556-14

Date Collected: 10/06/25 09:05
Matrix: Solid
Date Received: 10/06/25 15:30
Percent Solids: 94.3

Method: SW846 8260D - Volatile Organic Compounds by GC/MS

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1-Trichloroethane	0.00097	U	0.00097	0.00022	mg/Kg	☼	10/08/25 14:33	10/08/25 17:08	1
1,1,2,2-Tetrachloroethane	0.00097	U	0.00097	0.00050	mg/Kg	☼	10/08/25 14:33	10/08/25 17:08	1
1,1,2-Trichloro-1,2,2-trifluoroethane	0.00097	U	0.00097	0.00029	mg/Kg	☼	10/08/25 14:33	10/08/25 17:08	1
1,1,2-Trichloroethane	0.00097	U	0.00097	0.00058	mg/Kg	☼	10/08/25 14:33	10/08/25 17:08	1
1,1-Dichloroethane	0.00097	U	0.00097	0.00058	mg/Kg	☼	10/08/25 14:33	10/08/25 17:08	1
1,1-Dichloroethene	0.00097	U	0.00097	0.00022	mg/Kg	☼	10/08/25 14:33	10/08/25 17:08	1
1,2,3-Trichlorobenzene	0.00097	U	0.00097	0.00071	mg/Kg	☼	10/08/25 14:33	10/08/25 17:08	1
1,2,4-Trichlorobenzene	0.00097	U	0.00097	0.00035	mg/Kg	☼	10/08/25 14:33	10/08/25 17:08	1
1,2,4-Trimethylbenzene	0.00097	U	0.00097	0.00024	mg/Kg	☼	10/08/25 14:33	10/08/25 17:08	1
1,2-Dibromo-3-Chloropropane	0.00097	U	0.00097	0.00044	mg/Kg	☼	10/08/25 14:33	10/08/25 17:08	1
1,2-Dichlorobenzene	0.00097	U	0.00097	0.00035	mg/Kg	☼	10/08/25 14:33	10/08/25 17:08	1
1,2-Dichloroethane	0.00097	U	0.00097	0.00029	mg/Kg	☼	10/08/25 14:33	10/08/25 17:08	1
1,2-Dichloropropane	0.00097	U	0.00097	0.00041	mg/Kg	☼	10/08/25 14:33	10/08/25 17:08	1
1,3,5-Trimethylbenzene	0.00097	U	0.00097	0.00030	mg/Kg	☼	10/08/25 14:33	10/08/25 17:08	1
1,3-Dichlorobenzene	0.00097	U	0.00097	0.00035	mg/Kg	☼	10/08/25 14:33	10/08/25 17:08	1
1,4-Dichlorobenzene	0.00097	U	0.00097	0.00050	mg/Kg	☼	10/08/25 14:33	10/08/25 17:08	1
2-Butanone (MEK)	0.0048	U	0.0048	0.00036	mg/Kg	☼	10/08/25 14:33	10/08/25 17:08	1
2-Hexanone	0.0048	U	0.0048	0.0017	mg/Kg	☼	10/08/25 14:33	10/08/25 17:08	1
4-Methyl-2-pentanone (MIBK)	0.0048	U	0.0048	0.0015	mg/Kg	☼	10/08/25 14:33	10/08/25 17:08	1
Acetone	**0.12**		0.0058	0.0055	mg/Kg	☼	10/08/25 14:33	10/08/25 17:08	1
Benzene	0.00097	U	0.00097	0.00055	mg/Kg	☼	10/08/25 14:33	10/08/25 17:08	1
Bromoform	0.00097	U	0.00097	0.00041	mg/Kg	☼	10/08/25 14:33	10/08/25 17:08	1
Bromomethane	0.0019	U *	0.0019	0.00097	mg/Kg	☼	10/08/25 14:33	10/08/25 17:08	1

Client Sample ID: 48A2_3-4
Date Collected: 10/06/25 09:05
Date Received: 10/06/25 15:30

Lab Sample ID: 460-336556-14
Matrix: Solid
Percent Solids: 94.3

Method: SW846 8260D - Volatile Organic Compounds by GC/MS (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Carbon disulfide	0.00097	U	0.00097	0.00026	mg/Kg	☼	10/08/25 14:33	10/08/25 17:08	1
Carbon tetrachloride	0.00097	U	0.00097	0.00037	mg/Kg	☼	10/08/25 14:33	10/08/25 17:08	1
Chlorobenzene	0.00097	U	0.00097	0.00049	mg/Kg	☼	10/08/25 14:33	10/08/25 17:08	1
Chlorobromomethane	0.00097	U	0.00097	0.00058	mg/Kg	☼	10/08/25 14:33	10/08/25 17:08	1
Chlorodibromomethane	0.00097	U	0.00097	0.00052	mg/Kg	☼	10/08/25 14:33	10/08/25 17:08	1
Chloroethane	0.00097	U	0.00097	0.00050	mg/Kg	☼	10/08/25 14:33	10/08/25 17:08	1
Chloroform	0.00097	U	0.00097	0.00094	mg/Kg	☼	10/08/25 14:33	10/08/25 17:08	1
Chloromethane	0.00097	U	0.00097	0.00042	mg/Kg	☼	10/08/25 14:33	10/08/25 17:08	1
cis-1,2-Dichloroethene	0.00097	U	0.00097	0.00035	mg/Kg	☼	10/08/25 14:33	10/08/25 17:08	1
cis-1,3-Dichloropropene	0.00097	U	0.00097	0.00026	mg/Kg	☼	10/08/25 14:33	10/08/25 17:08	1
Cyclohexane	0.00097	U	0.00097	0.00021	mg/Kg	☼	10/08/25 14:33	10/08/25 17:08	1
Dichlorobromomethane	0.00097	U	0.00097	0.00025	mg/Kg	☼	10/08/25 14:33	10/08/25 17:08	1
Dichlorodifluoromethane	0.00097	U	0.00097	0.00033	mg/Kg	☼	10/08/25 14:33	10/08/25 17:08	1
Ethylbenzene	0.00097	U	0.00097	0.00045	mg/Kg	☼	10/08/25 14:33	10/08/25 17:08	1
Ethylene Dibromide	0.00097	U	0.00097	0.00049	mg/Kg	☼	10/08/25 14:33	10/08/25 17:08	1
Isopropylbenzene	0.00097	U	0.00097	0.00028	mg/Kg	☼	10/08/25 14:33	10/08/25 17:08	1
Methyl acetate	0.0048	U	0.0048	0.0042	mg/Kg	☼	10/08/25 14:33	10/08/25 17:08	1
Methyl tert-butyl ether	0.00097	U	0.00097	0.00049	mg/Kg	☼	10/08/25 14:33	10/08/25 17:08	1
Methylcyclohexane	0.00097	U	0.00097	0.00048	mg/Kg	☼	10/08/25 14:33	10/08/25 17:08	1
Methylene Chloride	0.0019	U	0.0019	0.0011	mg/Kg	☼	10/08/25 14:33	10/08/25 17:08	1
m-Xylene & p-Xylene	0.00097	U	0.00097	0.00041	mg/Kg	☼	10/08/25 14:33	10/08/25 17:08	1
n-Butylbenzene	0.00097	U	0.00097	0.00028	mg/Kg	☼	10/08/25 14:33	10/08/25 17:08	1
N-Propylbenzene	0.00097	U	0.00097	0.00043	mg/Kg	☼	10/08/25 14:33	10/08/25 17:08	1
o-Xylene	0.00097	U	0.00097	0.00045	mg/Kg	☼	10/08/25 14:33	10/08/25 17:08	1
sec-Butylbenzene	0.00097	U	0.00097	0.00028	mg/Kg	☼	10/08/25 14:33	10/08/25 17:08	1
Styrene	0.00097	U	0.00097	0.00027	mg/Kg	☼	10/08/25 14:33	10/08/25 17:08	1
tert-Butylbenzene	0.00097	U	0.00097	0.00027	mg/Kg	☼	10/08/25 14:33	10/08/25 17:08	1
Tetrachloroethene	0.00097	U	0.00097	0.00029	mg/Kg	☼	10/08/25 14:33	10/08/25 17:08	1
Toluene	0.00097	U	0.00097	0.00023	mg/Kg	☼	10/08/25 14:33	10/08/25 17:08	1
trans-1,2-Dichloroethene	0.00097	U	0.00097	0.00024	mg/Kg	☼	10/08/25 14:33	10/08/25 17:08	1
trans-1,3-Dichloropropene	0.00097	U	0.00097	0.00026	mg/Kg	☼	10/08/25 14:33	10/08/25 17:08	1
Trichloroethene	0.00097	U	0.00097	0.00031	mg/Kg	☼	10/08/25 14:33	10/08/25 17:08	1
Trichlorofluoromethane	0.00097	U	0.00097	0.00039	mg/Kg	☼	10/08/25 14:33	10/08/25 17:08	1
Vinyl chloride	0.00097	U	0.00097	0.00053	mg/Kg	☼	10/08/25 14:33	10/08/25 17:08	1
Xylenes, Total	0.0019	U	0.0019	0.00017	mg/Kg	☼	10/08/25 14:33	10/08/25 17:08	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,2-Dichloroethane-d4 (Surr)	*114*		*65 - 138*	*10/08/25 14:33*	*10/08/25 17:08*	*1*
4-Bromofluorobenzene	*97*		*71 - 128*	*10/08/25 14:33*	*10/08/25 17:08*	*1*
Dibromofluoromethane (Surr)	*123*		*50 - 150*	*10/08/25 14:33*	*10/08/25 17:08*	*1*
Toluene-d8 (Surr)	*94*		*71 - 126*	*10/08/25 14:33*	*10/08/25 17:08*	*1*

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Percent Moisture (EPA Moisture)	**5.7**		1.0	1.0	%			10/09/25 11:12	1
Percent Solids (EPA Moisture)	**94.3**		1.0	1.0	%			10/09/25 11:12	1

Client: Haley & Aldrich, Inc.
Project/Site: Former Port Mobil

Job ID: 460-336556-1

Client Sample ID: 48A3_1-2
Date Collected: 10/06/25 09:10
Date Received: 10/06/25 15:30

Lab Sample ID: 460-336556-15
Matrix: Solid
Percent Solids: 94.4

Method: SW846 8260D - Volatile Organic Compounds by GC/MS

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1-Trichloroethane	0.00089	U	0.00089	0.00021	mg/Kg	☼	10/08/25 14:33	10/08/25 17:31	1
1,1,2,2-Tetrachloroethane	0.00089	U	0.00089	0.00046	mg/Kg	☼	10/08/25 14:33	10/08/25 17:31	1
1,1,2-Trichloro-1,2,2-trifluoroethane	0.00089	U	0.00089	0.00027	mg/Kg	☼	10/08/25 14:33	10/08/25 17:31	1
1,1,2-Trichloroethane	0.00089	U	0.00089	0.00053	mg/Kg	☼	10/08/25 14:33	10/08/25 17:31	1
1,1-Dichloroethane	0.00089	U	0.00089	0.00053	mg/Kg	☼	10/08/25 14:33	10/08/25 17:31	1
1,1-Dichloroethene	0.00089	U	0.00089	0.00020	mg/Kg	☼	10/08/25 14:33	10/08/25 17:31	1
1,2,3-Trichlorobenzene	0.00089	U	0.00089	0.00065	mg/Kg	☼	10/08/25 14:33	10/08/25 17:31	1
1,2,4-Trichlorobenzene	0.00089	U	0.00089	0.00032	mg/Kg	☼	10/08/25 14:33	10/08/25 17:31	1
1,2,4-Trimethylbenzene	0.00089	U	0.00089	0.00022	mg/Kg	☼	10/08/25 14:33	10/08/25 17:31	1
1,2-Dibromo-3-Chloropropane	0.00089	U	0.00089	0.00041	mg/Kg	☼	10/08/25 14:33	10/08/25 17:31	1
1,2-Dichlorobenzene	0.00089	U	0.00089	0.00032	mg/Kg	☼	10/08/25 14:33	10/08/25 17:31	1
1,2-Dichloroethane	0.00089	U	0.00089	0.00026	mg/Kg	☼	10/08/25 14:33	10/08/25 17:31	1
1,2-Dichloropropane	0.00089	U	0.00089	0.00037	mg/Kg	☼	10/08/25 14:33	10/08/25 17:31	1
1,3,5-Trimethylbenzene	0.00089	U	0.00089	0.00028	mg/Kg	☼	10/08/25 14:33	10/08/25 17:31	1
1,3-Dichlorobenzene	0.00089	U	0.00089	0.00032	mg/Kg	☼	10/08/25 14:33	10/08/25 17:31	1
1,4-Dichlorobenzene	0.00089	U	0.00089	0.00046	mg/Kg	☼	10/08/25 14:33	10/08/25 17:31	1
2-Butanone (MEK)	0.0044	U	0.0044	0.00033	mg/Kg	☼	10/08/25 14:33	10/08/25 17:31	1
2-Hexanone	0.0044	U	0.0044	0.0015	mg/Kg	☼	10/08/25 14:33	10/08/25 17:31	1
4-Methyl-2-pentanone (MIBK)	0.0044	U	0.0044	0.0014	mg/Kg	☼	10/08/25 14:33	10/08/25 17:31	1
Acetone	0.0053	U	0.0053	0.0051	mg/Kg	☼	10/08/25 14:33	10/08/25 17:31	1
Benzene	0.00089	U	0.00089	0.00050	mg/Kg	☼	10/08/25 14:33	10/08/25 17:31	1
Bromoform	0.00089	U	0.00089	0.00038	mg/Kg	☼	10/08/25 14:33	10/08/25 17:31	1
Bromomethane	0.0018	U *	0.0018	0.00089	mg/Kg	☼	10/08/25 14:33	10/08/25 17:31	1
Carbon disulfide	0.00089	U	0.00089	0.00024	mg/Kg	☼	10/08/25 14:33	10/08/25 17:31	1
Carbon tetrachloride	0.00089	U	0.00089	0.00034	mg/Kg	☼	10/08/25 14:33	10/08/25 17:31	1
Chlorobenzene	0.00089	U	0.00089	0.00045	mg/Kg	☼	10/08/25 14:33	10/08/25 17:31	1
Chlorobromomethane	0.00089	U	0.00089	0.00053	mg/Kg	☼	10/08/25 14:33	10/08/25 17:31	1
Chlorodibromomethane	0.00089	U	0.00089	0.00048	mg/Kg	☼	10/08/25 14:33	10/08/25 17:31	1
Chloroethane	0.00089	U	0.00089	0.00046	mg/Kg	☼	10/08/25 14:33	10/08/25 17:31	1
Chloroform	0.00089	U	0.00089	0.00086	mg/Kg	☼	10/08/25 14:33	10/08/25 17:31	1
Chloromethane	0.00089	U	0.00089	0.00039	mg/Kg	☼	10/08/25 14:33	10/08/25 17:31	1
cis-1,2-Dichloroethene	0.00089	U	0.00089	0.00032	mg/Kg	☼	10/08/25 14:33	10/08/25 17:31	1
cis-1,3-Dichloropropene	0.00089	U	0.00089	0.00024	mg/Kg	☼	10/08/25 14:33	10/08/25 17:31	1
Cyclohexane	0.00089	U	0.00089	0.00020	mg/Kg	☼	10/08/25 14:33	10/08/25 17:31	1
Dichlorobromomethane	0.00089	U	0.00089	0.00023	mg/Kg	☼	10/08/25 14:33	10/08/25 17:31	1
Dichlorodifluoromethane	0.00089	U	0.00089	0.00030	mg/Kg	☼	10/08/25 14:33	10/08/25 17:31	1
Ethylbenzene	0.00089	U	0.00089	0.00041	mg/Kg	☼	10/08/25 14:33	10/08/25 17:31	1
Ethylene Dibromide	0.00089	U	0.00089	0.00045	mg/Kg	☼	10/08/25 14:33	10/08/25 17:31	1
Isopropylbenzene	0.00089	U	0.00089	0.00025	mg/Kg	☼	10/08/25 14:33	10/08/25 17:31	1
Methyl acetate	0.0044	U	0.0044	0.0038	mg/Kg	☼	10/08/25 14:33	10/08/25 17:31	1
Methyl tert-butyl ether	0.00089	U	0.00089	0.00045	mg/Kg	☼	10/08/25 14:33	10/08/25 17:31	1
Methylcyclohexane	0.00089	U	0.00089	0.00044	mg/Kg	☼	10/08/25 14:33	10/08/25 17:31	1
Methylene Chloride	0.0018	U	0.0018	0.0010	mg/Kg	☼	10/08/25 14:33	10/08/25 17:31	1
m-Xylene & p-Xylene	0.00089	U	0.00089	0.00037	mg/Kg	☼	10/08/25 14:33	10/08/25 17:31	1
n-Butylbenzene	0.00089	U	0.00089	0.00026	mg/Kg	☼	10/08/25 14:33	10/08/25 17:31	1
N-Propylbenzene	0.00089	U	0.00089	0.00040	mg/Kg	☼	10/08/25 14:33	10/08/25 17:31	1
o-Xylene	0.00089	U	0.00089	0.00041	mg/Kg	☼	10/08/25 14:33	10/08/25 17:31	1
sec-Butylbenzene	0.00089	U	0.00089	0.00026	mg/Kg	☼	10/08/25 14:33	10/08/25 17:31	1
Styrene	0.00089	U	0.00089	0.00025	mg/Kg	☼	10/08/25 14:33	10/08/25 17:31	1

Client Sample ID: 48A3_1-2

Lab Sample ID: 460-336556-15
Date Collected: 10/06/25 09:10
Matrix: Solid
Date Received: 10/06/25 15:30
Percent Solids: 94.4

Method: SW846 8260D - Volatile Organic Compounds by GC/MS (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
tert-Butylbenzene	0.00089	U	0.00089	0.00024	mg/Kg	☼	10/08/25 14:33	10/08/25 17:31	1
Tetrachloroethene	0.00089	U	0.00089	0.00027	mg/Kg	☼	10/08/25 14:33	10/08/25 17:31	1
Toluene	0.00089	U	0.00089	0.00021	mg/Kg	☼	10/08/25 14:33	10/08/25 17:31	1
trans-1,2-Dichloroethene	0.00089	U	0.00089	0.00022	mg/Kg	☼	10/08/25 14:33	10/08/25 17:31	1
trans-1,3-Dichloropropene	0.00089	U	0.00089	0.00024	mg/Kg	☼	10/08/25 14:33	10/08/25 17:31	1
Trichloroethene	0.00089	U	0.00089	0.00028	mg/Kg	☼	10/08/25 14:33	10/08/25 17:31	1
Trichlorofluoromethane	0.00089	U	0.00089	0.00036	mg/Kg	☼	10/08/25 14:33	10/08/25 17:31	1
Vinyl chloride	0.00089	U	0.00089	0.00048	mg/Kg	☼	10/08/25 14:33	10/08/25 17:31	1
Xylenes, Total	0.0018	U	0.0018	0.00015	mg/Kg	☼	10/08/25 14:33	10/08/25 17:31	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,2-Dichloroethane-d4 (Surr)	*116*		*65 - 138*	*10/08/25 14:33*	*10/08/25 17:31*	*1*
4-Bromofluorobenzene	*101*		*71 - 128*	*10/08/25 14:33*	*10/08/25 17:31*	*1*
Dibromofluoromethane (Surr)	*122*		*50 - 150*	*10/08/25 14:33*	*10/08/25 17:31*	*1*
Toluene-d8 (Surr)	*96*		*71 - 126*	*10/08/25 14:33*	*10/08/25 17:31*	*1*

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Percent Moisture (EPA Moisture)	**5.6**		1.0	1.0	%			10/09/25 11:12	1
Percent Solids (EPA Moisture)	**94.4**		1.0	1.0	%			10/09/25 11:12	1

Client Sample ID: 48A1_4-5

Lab Sample ID: 460-336556-16
Date Collected: 10/06/25 09:15
Matrix: Solid
Date Received: 10/06/25 15:30
Percent Solids: 89.8

Method: SW846 8260D - Volatile Organic Compounds by GC/MS

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1-Trichloroethane	0.00098	U	0.00098	0.00023	mg/Kg	☼	10/08/25 14:34	10/08/25 17:54	1
1,1,2,2-Tetrachloroethane	0.00098	U	0.00098	0.00051	mg/Kg	☼	10/08/25 14:34	10/08/25 17:54	1
1,1,2-Trichloro-1,2,2-trifluoroethane	0.00098	U	0.00098	0.00029	mg/Kg	☼	10/08/25 14:34	10/08/25 17:54	1
1,1,2-Trichloroethane	0.00098	U	0.00098	0.00059	mg/Kg	☼	10/08/25 14:34	10/08/25 17:54	1
1,1-Dichloroethane	0.00098	U	0.00098	0.00058	mg/Kg	☼	10/08/25 14:34	10/08/25 17:54	1
1,1-Dichloroethene	0.00098	U	0.00098	0.00022	mg/Kg	☼	10/08/25 14:34	10/08/25 17:54	1
1,2,3-Trichlorobenzene	0.00098	U	0.00098	0.00072	mg/Kg	☼	10/08/25 14:34	10/08/25 17:54	1
1,2,4-Trichlorobenzene	0.00098	U	0.00098	0.00035	mg/Kg	☼	10/08/25 14:34	10/08/25 17:54	1
1,2,4-Trimethylbenzene	0.00098	U	0.00098	0.00024	mg/Kg	☼	10/08/25 14:34	10/08/25 17:54	1
1,2-Dibromo-3-Chloropropane	0.00098	U	0.00098	0.00045	mg/Kg	☼	10/08/25 14:34	10/08/25 17:54	1
1,2-Dichlorobenzene	0.00098	U	0.00098	0.00035	mg/Kg	☼	10/08/25 14:34	10/08/25 17:54	1
1,2-Dichloroethane	0.00098	U	0.00098	0.00029	mg/Kg	☼	10/08/25 14:34	10/08/25 17:54	1
1,2-Dichloropropane	0.00098	U	0.00098	0.00041	mg/Kg	☼	10/08/25 14:34	10/08/25 17:54	1
1,3,5-Trimethylbenzene	0.00098	U	0.00098	0.00031	mg/Kg	☼	10/08/25 14:34	10/08/25 17:54	1
1,3-Dichlorobenzene	0.00098	U	0.00098	0.00036	mg/Kg	☼	10/08/25 14:34	10/08/25 17:54	1
1,4-Dichlorobenzene	0.00098	U	0.00098	0.00051	mg/Kg	☼	10/08/25 14:34	10/08/25 17:54	1
2-Butanone (MEK)	0.0049	U	0.0049	0.00036	mg/Kg	☼	10/08/25 14:34	10/08/25 17:54	1
2-Hexanone	0.0049	U	0.0049	0.0017	mg/Kg	☼	10/08/25 14:34	10/08/25 17:54	1
4-Methyl-2-pentanone (MIBK)	0.0049	U	0.0049	0.0015	mg/Kg	☼	10/08/25 14:34	10/08/25 17:54	1
Acetone	**0.086**		0.0059	0.0056	mg/Kg	☼	10/08/25 14:34	10/08/25 17:54	1
Benzene	0.00098	U	0.00098	0.00056	mg/Kg	☼	10/08/25 14:34	10/08/25 17:54	1
Bromoform	0.00098	U	0.00098	0.00042	mg/Kg	☼	10/08/25 14:34	10/08/25 17:54	1
Bromomethane	0.0020	U *	0.0020	0.00098	mg/Kg	☼	10/08/25 14:34	10/08/25 17:54	1

Client Sample ID: 48A1_4-5
Date Collected: 10/06/25 09:15
Date Received: 10/06/25 15:30

Lab Sample ID: 460-336556-16
Matrix: Solid
Percent Solids: 89.8

Method: SW846 8260D - Volatile Organic Compounds by GC/MS (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Carbon disulfide	0.00098	U	0.00098	0.00026	mg/Kg	☼	10/08/25 14:34	10/08/25 17:54	1
Carbon tetrachloride	0.00098	U	0.00098	0.00038	mg/Kg	☼	10/08/25 14:34	10/08/25 17:54	1
Chlorobenzene	0.00098	U	0.00098	0.00050	mg/Kg	☼	10/08/25 14:34	10/08/25 17:54	1
Chlorobromomethane	0.00098	U	0.00098	0.00058	mg/Kg	☼	10/08/25 14:34	10/08/25 17:54	1
Chlorodibromomethane	0.00098	U	0.00098	0.00053	mg/Kg	☼	10/08/25 14:34	10/08/25 17:54	1
Chloroethane	0.00098	U	0.00098	0.00051	mg/Kg	☼	10/08/25 14:34	10/08/25 17:54	1
Chloroform	0.00098	U	0.00098	0.00095	mg/Kg	☼	10/08/25 14:34	10/08/25 17:54	1
Chloromethane	0.00098	U	0.00098	0.00043	mg/Kg	☼	10/08/25 14:34	10/08/25 17:54	1
cis-1,2-Dichloroethene	0.00098	U	0.00098	0.00035	mg/Kg	☼	10/08/25 14:34	10/08/25 17:54	1
cis-1,3-Dichloropropene	0.00098	U	0.00098	0.00027	mg/Kg	☼	10/08/25 14:34	10/08/25 17:54	1
Cyclohexane	0.00098	U	0.00098	0.00022	mg/Kg	☼	10/08/25 14:34	10/08/25 17:54	1
Dichlorobromomethane	0.00098	U	0.00098	0.00025	mg/Kg	☼	10/08/25 14:34	10/08/25 17:54	1
Dichlorodifluoromethane	0.00098	U	0.00098	0.00033	mg/Kg	☼	10/08/25 14:34	10/08/25 17:54	1
Ethylbenzene	0.00098	U	0.00098	0.00046	mg/Kg	☼	10/08/25 14:34	10/08/25 17:54	1
Ethylene Dibromide	0.00098	U	0.00098	0.00049	mg/Kg	☼	10/08/25 14:34	10/08/25 17:54	1
Isopropylbenzene	0.00098	U	0.00098	0.00028	mg/Kg	☼	10/08/25 14:34	10/08/25 17:54	1
Methyl acetate	0.0049	U	0.0049	0.0042	mg/Kg	☼	10/08/25 14:34	10/08/25 17:54	1
Methyl tert-butyl ether	0.00098	U	0.00098	0.00050	mg/Kg	☼	10/08/25 14:34	10/08/25 17:54	1
Methylcyclohexane	0.00098	U	0.00098	0.00049	mg/Kg	☼	10/08/25 14:34	10/08/25 17:54	1
Methylene Chloride	0.0020	U	0.0020	0.0011	mg/Kg	☼	10/08/25 14:34	10/08/25 17:54	1
m-Xylene & p-Xylene	0.00098	U	0.00098	0.00041	mg/Kg	☼	10/08/25 14:34	10/08/25 17:54	1
n-Butylbenzene	0.00098	U	0.00098	0.00029	mg/Kg	☼	10/08/25 14:34	10/08/25 17:54	1
N-Propylbenzene	0.00098	U	0.00098	0.00044	mg/Kg	☼	10/08/25 14:34	10/08/25 17:54	1
o-Xylene	0.00098	U	0.00098	0.00045	mg/Kg	☼	10/08/25 14:34	10/08/25 17:54	1
sec-Butylbenzene	0.00098	U	0.00098	0.00028	mg/Kg	☼	10/08/25 14:34	10/08/25 17:54	1
Styrene	0.00098	U	0.00098	0.00027	mg/Kg	☼	10/08/25 14:34	10/08/25 17:54	1
tert-Butylbenzene	0.00098	U	0.00098	0.00027	mg/Kg	☼	10/08/25 14:34	10/08/25 17:54	1
Tetrachloroethene	0.00098	U	0.00098	0.00030	mg/Kg	☼	10/08/25 14:34	10/08/25 17:54	1
Toluene	0.00098	U	0.00098	0.00023	mg/Kg	☼	10/08/25 14:34	10/08/25 17:54	1
trans-1,2-Dichloroethene	0.00098	U	0.00098	0.00024	mg/Kg	☼	10/08/25 14:34	10/08/25 17:54	1
trans-1,3-Dichloropropene	0.00098	U	0.00098	0.00026	mg/Kg	☼	10/08/25 14:34	10/08/25 17:54	1
Trichloroethene	0.00098	U	0.00098	0.00031	mg/Kg	☼	10/08/25 14:34	10/08/25 17:54	1
Trichlorofluoromethane	0.00098	U	0.00098	0.00040	mg/Kg	☼	10/08/25 14:34	10/08/25 17:54	1
Vinyl chloride	0.00098	U	0.00098	0.00053	mg/Kg	☼	10/08/25 14:34	10/08/25 17:54	1
Xylenes, Total	0.0020	U	0.0020	0.00017	mg/Kg	☼	10/08/25 14:34	10/08/25 17:54	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,2-Dichloroethane-d4 (Surr)	*113*		*65 - 138*	*10/08/25 14:34*	*10/08/25 17:54*	*1*
4-Bromofluorobenzene	*102*		*71 - 128*	*10/08/25 14:34*	*10/08/25 17:54*	*1*
Dibromofluoromethane (Surr)	*123*		*50 - 150*	*10/08/25 14:34*	*10/08/25 17:54*	*1*
Toluene-d8 (Surr)	*96*		*71 - 126*	*10/08/25 14:34*	*10/08/25 17:54*	*1*

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Percent Moisture (EPA Moisture)	10.2		1.0	1.0	%			10/09/25 11:12	1
Percent Solids (EPA Moisture)	89.8		1.0	1.0	%			10/09/25 11:12	1

Client Sample ID: 48A2_5-6
Date Collected: 10/06/25 09:20
Date Received: 10/06/25 15:30

Lab Sample ID: 460-336556-17
Matrix: Solid
Percent Solids: 94.0

Method: SW846 8260D - Volatile Organic Compounds by GC/MS

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1-Trichloroethane	0.0010	U	0.0010	0.00023	mg/Kg	☼	10/08/25 14:34	10/08/25 18:17	1
1,1,2,2-Tetrachloroethane	0.0010	U	0.0010	0.00052	mg/Kg	☼	10/08/25 14:34	10/08/25 18:17	1
1,1,2-Trichloro-1,2,2-trifluoroethane	0.0010	U	0.0010	0.00030	mg/Kg	☼	10/08/25 14:34	10/08/25 18:17	1
1,1,2-Trichloroethane	0.0010	U	0.0010	0.00060	mg/Kg	☼	10/08/25 14:34	10/08/25 18:17	1
1,1-Dichloroethane	0.0010	U	0.0010	0.00059	mg/Kg	☼	10/08/25 14:34	10/08/25 18:17	1
1,1-Dichloroethene	0.0010	U	0.0010	0.00022	mg/Kg	☼	10/08/25 14:34	10/08/25 18:17	1
1,2,3-Trichlorobenzene	0.0010	U	0.0010	0.00074	mg/Kg	☼	10/08/25 14:34	10/08/25 18:17	1
1,2,4-Trichlorobenzene	0.0010	U	0.0010	0.00036	mg/Kg	☼	10/08/25 14:34	10/08/25 18:17	1
1,2,4-Trimethylbenzene	0.0010	U	0.0010	0.00025	mg/Kg	☼	10/08/25 14:34	10/08/25 18:17	1
1,2-Dibromo-3-Chloropropane	0.0010	U	0.0010	0.00046	mg/Kg	☼	10/08/25 14:34	10/08/25 18:17	1
1,2-Dichlorobenzene	0.0010	U	0.0010	0.00036	mg/Kg	☼	10/08/25 14:34	10/08/25 18:17	1
1,2-Dichloroethane	0.0010	U	0.0010	0.00029	mg/Kg	☼	10/08/25 14:34	10/08/25 18:17	1
1,2-Dichloropropane	0.0010	U	0.0010	0.00042	mg/Kg	☼	10/08/25 14:34	10/08/25 18:17	1
1,3,5-Trimethylbenzene	0.0010	U	0.0010	0.00031	mg/Kg	☼	10/08/25 14:34	10/08/25 18:17	1
1,3-Dichlorobenzene	0.0010	U	0.0010	0.00036	mg/Kg	☼	10/08/25 14:34	10/08/25 18:17	1
1,4-Dichlorobenzene	0.0010	U	0.0010	0.00052	mg/Kg	☼	10/08/25 14:34	10/08/25 18:17	1
2-Butanone (MEK)	0.0050	U	0.0050	0.00037	mg/Kg	☼	10/08/25 14:34	10/08/25 18:17	1
2-Hexanone	0.0050	U	0.0050	0.0017	mg/Kg	☼	10/08/25 14:34	10/08/25 18:17	1
4-Methyl-2-pentanone (MIBK)	0.0050	U	0.0050	0.0015	mg/Kg	☼	10/08/25 14:34	10/08/25 18:17	1
Acetone	**0.017**		0.0060	0.0057	mg/Kg	☼	10/08/25 14:34	10/08/25 18:17	1
Benzene	0.0010	U	0.0010	0.00056	mg/Kg	☼	10/08/25 14:34	10/08/25 18:17	1
Bromoform	0.0010	U	0.0010	0.00042	mg/Kg	☼	10/08/25 14:34	10/08/25 18:17	1
Bromomethane	0.0020	U *	0.0020	0.0010	mg/Kg	☼	10/08/25 14:34	10/08/25 18:17	1
Carbon disulfide	0.0010	U	0.0010	0.00026	mg/Kg	☼	10/08/25 14:34	10/08/25 18:17	1
Carbon tetrachloride	0.0010	U	0.0010	0.00039	mg/Kg	☼	10/08/25 14:34	10/08/25 18:17	1
Chlorobenzene	0.0010	U	0.0010	0.00050	mg/Kg	☼	10/08/25 14:34	10/08/25 18:17	1
Chlorobromomethane	0.0010	U	0.0010	0.00059	mg/Kg	☼	10/08/25 14:34	10/08/25 18:17	1
Chlorodibromomethane	0.0010	U	0.0010	0.00053	mg/Kg	☼	10/08/25 14:34	10/08/25 18:17	1
Chloroethane	0.0010	U	0.0010	0.00052	mg/Kg	☼	10/08/25 14:34	10/08/25 18:17	1
Chloroform	0.0010	U	0.0010	0.00097	mg/Kg	☼	10/08/25 14:34	10/08/25 18:17	1
Chloromethane	0.0010	U	0.0010	0.00043	mg/Kg	☼	10/08/25 14:34	10/08/25 18:17	1
cis-1,2-Dichloroethene	0.0010	U	0.0010	0.00036	mg/Kg	☼	10/08/25 14:34	10/08/25 18:17	1
cis-1,3-Dichloropropene	0.0010	U	0.0010	0.00027	mg/Kg	☼	10/08/25 14:34	10/08/25 18:17	1
Cyclohexane	0.0010	U	0.0010	0.00022	mg/Kg	☼	10/08/25 14:34	10/08/25 18:17	1
Dichlorobromomethane	0.0010	U	0.0010	0.00026	mg/Kg	☼	10/08/25 14:34	10/08/25 18:17	1
Dichlorodifluoromethane	0.0010	U	0.0010	0.00034	mg/Kg	☼	10/08/25 14:34	10/08/25 18:17	1
Ethylbenzene	0.0010	U	0.0010	0.00047	mg/Kg	☼	10/08/25 14:34	10/08/25 18:17	1
Ethylene Dibromide	0.0010	U	0.0010	0.00050	mg/Kg	☼	10/08/25 14:34	10/08/25 18:17	1
Isopropylbenzene	0.0010	U	0.0010	0.00028	mg/Kg	☼	10/08/25 14:34	10/08/25 18:17	1
Methyl acetate	0.0050	U	0.0050	0.0043	mg/Kg	☼	10/08/25 14:34	10/08/25 18:17	1
Methyl tert-butyl ether	0.0010	U	0.0010	0.00051	mg/Kg	☼	10/08/25 14:34	10/08/25 18:17	1
Methylcyclohexane	0.0010	U	0.0010	0.00050	mg/Kg	☼	10/08/25 14:34	10/08/25 18:17	1
Methylene Chloride	0.0020	U	0.0020	0.0011	mg/Kg	☼	10/08/25 14:34	10/08/25 18:17	1
m-Xylene & p-Xylene	0.0010	U	0.0010	0.00042	mg/Kg	☼	10/08/25 14:34	10/08/25 18:17	1
n-Butylbenzene	0.0010	U	0.0010	0.00029	mg/Kg	☼	10/08/25 14:34	10/08/25 18:17	1
N-Propylbenzene	0.0010	U	0.0010	0.00045	mg/Kg	☼	10/08/25 14:34	10/08/25 18:17	1
o-Xylene	0.0010	U	0.0010	0.00046	mg/Kg	☼	10/08/25 14:34	10/08/25 18:17	1
sec-Butylbenzene	0.0010	U	0.0010	0.00029	mg/Kg	☼	10/08/25 14:34	10/08/25 18:17	1
Styrene	0.0010	U	0.0010	0.00028	mg/Kg	☼	10/08/25 14:34	10/08/25 18:17	1

Client Sample ID: 48A2_5-6

Date Collected: 10/06/25 09:20
Date Received: 10/06/25 15:30

Lab Sample ID: 460-336556-17

Matrix: Solid
Percent Solids: 94.0

Method: SW846 8260D - Volatile Organic Compounds by GC/MS (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
tert-Butylbenzene	0.0010	U	0.0010	0.00027	mg/Kg	☼	10/08/25 14:34	10/08/25 18:17	1
Tetrachloroethene	0.0010	U	0.0010	0.00030	mg/Kg	☼	10/08/25 14:34	10/08/25 18:17	1
Toluene	0.0010	U	0.0010	0.00023	mg/Kg	☼	10/08/25 14:34	10/08/25 18:17	1
trans-1,2-Dichloroethene	0.0010	U	0.0010	0.00025	mg/Kg	☼	10/08/25 14:34	10/08/25 18:17	1
trans-1,3-Dichloropropene	0.0010	U	0.0010	0.00026	mg/Kg	☼	10/08/25 14:34	10/08/25 18:17	1
Trichloroethene	0.0010	U	0.0010	0.00032	mg/Kg	☼	10/08/25 14:34	10/08/25 18:17	1
Trichlorofluoromethane	0.0010	U	0.0010	0.00040	mg/Kg	☼	10/08/25 14:34	10/08/25 18:17	1
Vinyl chloride	0.0010	U	0.0010	0.00054	mg/Kg	☼	10/08/25 14:34	10/08/25 18:17	1
Xylenes, Total	0.0020	U	0.0020	0.00017	mg/Kg	☼	10/08/25 14:34	10/08/25 18:17	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,2-Dichloroethane-d4 (Surr)	*112*		*65 - 138*	*10/08/25 14:34*	*10/08/25 18:17*	*1*
4-Bromofluorobenzene	*101*		*71 - 128*	*10/08/25 14:34*	*10/08/25 18:17*	*1*
Dibromofluoromethane (Surr)	*118*		*50 - 150*	*10/08/25 14:34*	*10/08/25 18:17*	*1*
Toluene-d8 (Surr)	*95*		*71 - 126*	*10/08/25 14:34*	*10/08/25 18:17*	*1*

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Percent Moisture (EPA Moisture)	**6.0**		1.0	1.0	%			10/09/25 11:12	1
Percent Solids (EPA Moisture)	**94.0**		1.0	1.0	%			10/09/25 11:12	1

Client Sample ID: 48A3_2-3

Date Collected: 10/06/25 09:25
Date Received: 10/06/25 15:30

Lab Sample ID: 460-336556-18

Matrix: Solid
Percent Solids: 93.4

Method: SW846 8260D - Volatile Organic Compounds by GC/MS

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1-Trichloroethane	0.0010	U	0.0010	0.00023	mg/Kg	☼	10/08/25 14:34	10/08/25 18:40	1
1,1,2,2-Tetrachloroethane	0.0010	U	0.0010	0.00052	mg/Kg	☼	10/08/25 14:34	10/08/25 18:40	1
1,1,2-Trichloro-1,2,2-trifluoroethane	0.0010	U	0.0010	0.00030	mg/Kg	☼	10/08/25 14:34	10/08/25 18:40	1
1,1,2-Trichloroethane	0.0010	U	0.0010	0.00060	mg/Kg	☼	10/08/25 14:34	10/08/25 18:40	1
1,1-Dichloroethane	0.0010	U	0.0010	0.00060	mg/Kg	☼	10/08/25 14:34	10/08/25 18:40	1
1,1-Dichloroethene	0.0010	U	0.0010	0.00023	mg/Kg	☼	10/08/25 14:34	10/08/25 18:40	1
1,2,3-Trichlorobenzene	0.0010	U	0.0010	0.00074	mg/Kg	☼	10/08/25 14:34	10/08/25 18:40	1
1,2,4-Trichlorobenzene	0.0010	U	0.0010	0.00036	mg/Kg	☼	10/08/25 14:34	10/08/25 18:40	1
1,2,4-Trimethylbenzene	0.0010	U	0.0010	0.00025	mg/Kg	☼	10/08/25 14:34	10/08/25 18:40	1
1,2-Dibromo-3-Chloropropane	0.0010	U	0.0010	0.00046	mg/Kg	☼	10/08/25 14:34	10/08/25 18:40	1
1,2-Dichlorobenzene	0.0010	U	0.0010	0.00036	mg/Kg	☼	10/08/25 14:34	10/08/25 18:40	1
1,2-Dichloroethane	0.0010	U	0.0010	0.00030	mg/Kg	☼	10/08/25 14:34	10/08/25 18:40	1
1,2-Dichloropropane	0.0010	U	0.0010	0.00042	mg/Kg	☼	10/08/25 14:34	10/08/25 18:40	1
1,3,5-Trimethylbenzene	0.0010	U	0.0010	0.00031	mg/Kg	☼	10/08/25 14:34	10/08/25 18:40	1
1,3-Dichlorobenzene	0.0010	U	0.0010	0.00037	mg/Kg	☼	10/08/25 14:34	10/08/25 18:40	1
1,4-Dichlorobenzene	0.0010	U	0.0010	0.00052	mg/Kg	☼	10/08/25 14:34	10/08/25 18:40	1
2-Butanone (MEK)	0.0050	U	0.0050	0.00037	mg/Kg	☼	10/08/25 14:34	10/08/25 18:40	1
2-Hexanone	0.0050	U	0.0050	0.0017	mg/Kg	☼	10/08/25 14:34	10/08/25 18:40	1
4-Methyl-2-pentanone (MIBK)	0.0050	U	0.0050	0.0016	mg/Kg	☼	10/08/25 14:34	10/08/25 18:40	1
Acetone	**0.12**		0.0060	0.0057	mg/Kg	☼	10/08/25 14:34	10/08/25 18:40	1
Benzene	0.0010	U	0.0010	0.00057	mg/Kg	☼	10/08/25 14:34	10/08/25 18:40	1
Bromoform	0.0010	U	0.0010	0.00043	mg/Kg	☼	10/08/25 14:34	10/08/25 18:40	1
Bromomethane	0.0020	U *	0.0020	0.0010	mg/Kg	☼	10/08/25 14:34	10/08/25 18:40	1

Client Sample ID: 48A3_2-3
Date Collected: 10/06/25 09:25
Date Received: 10/06/25 15:30

Lab Sample ID: 460-336556-18
Matrix: Solid
Percent Solids: 93.4

Method: SW846 8260D - Volatile Organic Compounds by GC/MS (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Carbon disulfide	0.0010	U	0.0010	0.00027	mg/Kg	☼	10/08/25 14:34	10/08/25 18:40	1
Carbon tetrachloride	0.0010	U	0.0010	0.00039	mg/Kg	☼	10/08/25 14:34	10/08/25 18:40	1
Chlorobenzene	0.0010	U	0.0010	0.00051	mg/Kg	☼	10/08/25 14:34	10/08/25 18:40	1
Chlorobromomethane	0.0010	U	0.0010	0.00060	mg/Kg	☼	10/08/25 14:34	10/08/25 18:40	1
Chlorodibromomethane	0.0010	U	0.0010	0.00054	mg/Kg	☼	10/08/25 14:34	10/08/25 18:40	1
Chloroethane	0.0010	U	0.0010	0.00052	mg/Kg	☼	10/08/25 14:34	10/08/25 18:40	1
Chloroform	0.0010	U	0.0010	0.00097	mg/Kg	☼	10/08/25 14:34	10/08/25 18:40	1
Chloromethane	0.0010	U	0.0010	0.00044	mg/Kg	☼	10/08/25 14:34	10/08/25 18:40	1
cis-1,2-Dichloroethene	0.0010	U	0.0010	0.00036	mg/Kg	☼	10/08/25 14:34	10/08/25 18:40	1
cis-1,3-Dichloropropene	0.0010	U	0.0010	0.00027	mg/Kg	☼	10/08/25 14:34	10/08/25 18:40	1
Cyclohexane	0.0010	U	0.0010	0.00022	mg/Kg	☼	10/08/25 14:34	10/08/25 18:40	1
Dichlorobromomethane	0.0010	U	0.0010	0.00026	mg/Kg	☼	10/08/25 14:34	10/08/25 18:40	1
Dichlorodifluoromethane	0.0010	U	0.0010	0.00034	mg/Kg	☼	10/08/25 14:34	10/08/25 18:40	1
Ethylbenzene	0.0010	U	0.0010	0.00047	mg/Kg	☼	10/08/25 14:34	10/08/25 18:40	1
Ethylene Dibromide	0.0010	U	0.0010	0.00051	mg/Kg	☼	10/08/25 14:34	10/08/25 18:40	1
Isopropylbenzene	0.0010	U	0.0010	0.00029	mg/Kg	☼	10/08/25 14:34	10/08/25 18:40	1
Methyl acetate	0.0050	U	0.0050	0.0043	mg/Kg	☼	10/08/25 14:34	10/08/25 18:40	1
Methyl tert-butyl ether	0.0010	U	0.0010	0.00051	mg/Kg	☼	10/08/25 14:34	10/08/25 18:40	1
Methylcyclohexane	0.0010	U	0.0010	0.00050	mg/Kg	☼	10/08/25 14:34	10/08/25 18:40	1
Methylene Chloride	0.0020	U	0.0020	0.0011	mg/Kg	☼	10/08/25 14:34	10/08/25 18:40	1
m-Xylene & p-Xylene	0.0010	U	0.0010	0.00042	mg/Kg	☼	10/08/25 14:34	10/08/25 18:40	1
n-Butylbenzene	0.0010	U	0.0010	0.00029	mg/Kg	☼	10/08/25 14:34	10/08/25 18:40	1
N-Propylbenzene	0.0010	U	0.0010	0.00045	mg/Kg	☼	10/08/25 14:34	10/08/25 18:40	1
o-Xylene	0.0010	U	0.0010	0.00046	mg/Kg	☼	10/08/25 14:34	10/08/25 18:40	1
sec-Butylbenzene	0.0010	U	0.0010	0.00029	mg/Kg	☼	10/08/25 14:34	10/08/25 18:40	1
Styrene	0.0010	U	0.0010	0.00028	mg/Kg	☼	10/08/25 14:34	10/08/25 18:40	1
tert-Butylbenzene	0.0010	U	0.0010	0.00028	mg/Kg	☼	10/08/25 14:34	10/08/25 18:40	1
Tetrachloroethene	0.0010	U	0.0010	0.00031	mg/Kg	☼	10/08/25 14:34	10/08/25 18:40	1
Toluene	0.0010	U	0.0010	0.00023	mg/Kg	☼	10/08/25 14:34	10/08/25 18:40	1
trans-1,2-Dichloroethene	0.0010	U	0.0010	0.00025	mg/Kg	☼	10/08/25 14:34	10/08/25 18:40	1
trans-1,3-Dichloropropene	0.0010	U	0.0010	0.00027	mg/Kg	☼	10/08/25 14:34	10/08/25 18:40	1
Trichloroethene	0.0010	U	0.0010	0.00032	mg/Kg	☼	10/08/25 14:34	10/08/25 18:40	1
Trichlorofluoromethane	0.0010	U	0.0010	0.00041	mg/Kg	☼	10/08/25 14:34	10/08/25 18:40	1
Vinyl chloride	0.0010	U	0.0010	0.00055	mg/Kg	☼	10/08/25 14:34	10/08/25 18:40	1
Xylenes, Total	0.0020	U	0.0020	0.00017	mg/Kg	☼	10/08/25 14:34	10/08/25 18:40	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,2-Dichloroethane-d4 (Surr)	*112*		*65 - 138*	*10/08/25 14:34*	*10/08/25 18:40*	*1*
4-Bromofluorobenzene	*104*		*71 - 128*	*10/08/25 14:34*	*10/08/25 18:40*	*1*
Dibromofluoromethane (Surr)	*118*		*50 - 150*	*10/08/25 14:34*	*10/08/25 18:40*	*1*
Toluene-d8 (Surr)	*97*		*71 - 126*	*10/08/25 14:34*	*10/08/25 18:40*	*1*

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Percent Moisture (EPA Moisture)	**6.6**		1.0	1.0	%			10/09/25 11:12	1
Percent Solids (EPA Moisture)	**93.4**		1.0	1.0	%			10/09/25 11:12	1

Client Sample ID: 48A1_5-6
Date Collected: 10/06/25 09:30
Date Received: 10/06/25 15:30

Lab Sample ID: 460-336556-19
Matrix: Solid
Percent Solids: 94.2

Method: SW846 8260D - Volatile Organic Compounds by GC/MS

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1-Trichloroethane	0.0012	U	0.0012	0.00027	mg/Kg	☼	10/08/25 14:35	10/08/25 19:03	1
1,1,2,2-Tetrachloroethane	0.0012	U	0.0012	0.00060	mg/Kg	☼	10/08/25 14:35	10/08/25 19:03	1
1,1,2-Trichloro-1,2,2-trifluoroethane	0.0012	U	0.0012	0.00035	mg/Kg	☼	10/08/25 14:35	10/08/25 19:03	1
1,1,2-Trichloroethane	0.0012	U	0.0012	0.00069	mg/Kg	☼	10/08/25 14:35	10/08/25 19:03	1
1,1-Dichloroethane	0.0012	U	0.0012	0.00069	mg/Kg	☼	10/08/25 14:35	10/08/25 19:03	1
1,1-Dichloroethene	0.0012	U	0.0012	0.00026	mg/Kg	☼	10/08/25 14:35	10/08/25 19:03	1
1,2,3-Trichlorobenzene	0.0012	U	0.0012	0.00085	mg/Kg	☼	10/08/25 14:35	10/08/25 19:03	1
1,2,4-Trichlorobenzene	0.0012	U	0.0012	0.00041	mg/Kg	☼	10/08/25 14:35	10/08/25 19:03	1
1,2,4-Trimethylbenzene	0.0012	U	0.0012	0.00028	mg/Kg	☼	10/08/25 14:35	10/08/25 19:03	1
1,2-Dibromo-3-Chloropropane	0.0012	U	0.0012	0.00053	mg/Kg	☼	10/08/25 14:35	10/08/25 19:03	1
1,2-Dichlorobenzene	0.0012	U	0.0012	0.00042	mg/Kg	☼	10/08/25 14:35	10/08/25 19:03	1
1,2-Dichloroethane	0.0012	U	0.0012	0.00034	mg/Kg	☼	10/08/25 14:35	10/08/25 19:03	1
1,2-Dichloropropane	0.0012	U	0.0012	0.00049	mg/Kg	☼	10/08/25 14:35	10/08/25 19:03	1
1,3,5-Trimethylbenzene	0.0012	U	0.0012	0.00036	mg/Kg	☼	10/08/25 14:35	10/08/25 19:03	1
1,3-Dichlorobenzene	0.0012	U	0.0012	0.00042	mg/Kg	☼	10/08/25 14:35	10/08/25 19:03	1
1,4-Dichlorobenzene	0.0012	U	0.0012	0.00060	mg/Kg	☼	10/08/25 14:35	10/08/25 19:03	1
2-Butanone (MEK)	0.0058	U	0.0058	0.00042	mg/Kg	☼	10/08/25 14:35	10/08/25 19:03	1
2-Hexanone	0.0058	U	0.0058	0.0020	mg/Kg	☼	10/08/25 14:35	10/08/25 19:03	1
4-Methyl-2-pentanone (MIBK)	0.0058	U	0.0058	0.0018	mg/Kg	☼	10/08/25 14:35	10/08/25 19:03	1
Acetone	**0.19**		0.0069	0.0066	mg/Kg	☼	10/08/25 14:35	10/08/25 19:03	1
Benzene	0.0012	U	0.0012	0.00065	mg/Kg	☼	10/08/25 14:35	10/08/25 19:03	1
Bromoform	0.0012	U	0.0012	0.00049	mg/Kg	☼	10/08/25 14:35	10/08/25 19:03	1
Bromomethane	0.0023	U *	0.0023	0.0012	mg/Kg	☼	10/08/25 14:35	10/08/25 19:03	1
Carbon disulfide	0.0012	U	0.0012	0.00031	mg/Kg	☼	10/08/25 14:35	10/08/25 19:03	1
Carbon tetrachloride	0.0012	U	0.0012	0.00045	mg/Kg	☼	10/08/25 14:35	10/08/25 19:03	1
Chlorobenzene	0.0012	U	0.0012	0.00058	mg/Kg	☼	10/08/25 14:35	10/08/25 19:03	1
Chlorobromomethane	0.0012	U	0.0012	0.00069	mg/Kg	☼	10/08/25 14:35	10/08/25 19:03	1
Chlorodibromomethane	0.0012	U	0.0012	0.00062	mg/Kg	☼	10/08/25 14:35	10/08/25 19:03	1
Chloroethane	0.0012	U	0.0012	0.00060	mg/Kg	☼	10/08/25 14:35	10/08/25 19:03	1
Chloroform	0.0012	U	0.0012	0.0011	mg/Kg	☼	10/08/25 14:35	10/08/25 19:03	1
Chloromethane	0.0012	U	0.0012	0.00050	mg/Kg	☼	10/08/25 14:35	10/08/25 19:03	1
cis-1,2-Dichloroethene	0.0012	U	0.0012	0.00041	mg/Kg	☼	10/08/25 14:35	10/08/25 19:03	1
cis-1,3-Dichloropropene	0.0012	U	0.0012	0.00031	mg/Kg	☼	10/08/25 14:35	10/08/25 19:03	1
Cyclohexane	0.0012	U	0.0012	0.00025	mg/Kg	☼	10/08/25 14:35	10/08/25 19:03	1
Dichlorobromomethane	0.0012	U	0.0012	0.00030	mg/Kg	☼	10/08/25 14:35	10/08/25 19:03	1
Dichlorodifluoromethane	0.0012	U	0.0012	0.00039	mg/Kg	☼	10/08/25 14:35	10/08/25 19:03	1
Ethylbenzene	0.0012	U	0.0012	0.00054	mg/Kg	☼	10/08/25 14:35	10/08/25 19:03	1
Ethylene Dibromide	0.0012	U	0.0012	0.00058	mg/Kg	☼	10/08/25 14:35	10/08/25 19:03	1
Isopropylbenzene	0.0012	U	0.0012	0.00033	mg/Kg	☼	10/08/25 14:35	10/08/25 19:03	1
Methyl acetate	0.0058	U	0.0058	0.0049	mg/Kg	☼	10/08/25 14:35	10/08/25 19:03	1
Methyl tert-butyl ether	0.0012	U	0.0012	0.00059	mg/Kg	☼	10/08/25 14:35	10/08/25 19:03	1
Methylcyclohexane	0.0012	U	0.0012	0.00057	mg/Kg	☼	10/08/25 14:35	10/08/25 19:03	1
Methylene Chloride	0.0023	U	0.0023	0.0013	mg/Kg	☼	10/08/25 14:35	10/08/25 19:03	1
m-Xylene & p-Xylene	0.0012	U	0.0012	0.00049	mg/Kg	☼	10/08/25 14:35	10/08/25 19:03	1
n-Butylbenzene	0.0012	U	0.0012	0.00034	mg/Kg	☼	10/08/25 14:35	10/08/25 19:03	1
N-Propylbenzene	0.0012	U	0.0012	0.00052	mg/Kg	☼	10/08/25 14:35	10/08/25 19:03	1
o-Xylene	0.0012	U	0.0012	0.00053	mg/Kg	☼	10/08/25 14:35	10/08/25 19:03	1
sec-Butylbenzene	0.0012	U	0.0012	0.00033	mg/Kg	☼	10/08/25 14:35	10/08/25 19:03	1
Styrene	0.0012	U	0.0012	0.00032	mg/Kg	☼	10/08/25 14:35	10/08/25 19:03	1

Client Sample ID: 48A1_5-6

Date Collected: 10/06/25 09:30
Date Received: 10/06/25 15:30

Lab Sample ID: 460-336556-19

Matrix: Solid
Percent Solids: 94.2

Method: SW846 8260D - Volatile Organic Compounds by GC/MS (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
tert-Butylbenzene	0.0012	U	0.0012	0.00032	mg/Kg	☼	10/08/25 14:35	10/08/25 19:03	1
Tetrachloroethene	0.0012	U	0.0012	0.00035	mg/Kg	☼	10/08/25 14:35	10/08/25 19:03	1
Toluene	0.0012	U	0.0012	0.00027	mg/Kg	☼	10/08/25 14:35	10/08/25 19:03	1
trans-1,2-Dichloroethene	0.0012	U	0.0012	0.00028	mg/Kg	☼	10/08/25 14:35	10/08/25 19:03	1
trans-1,3-Dichloropropene	0.0012	U	0.0012	0.00031	mg/Kg	☼	10/08/25 14:35	10/08/25 19:03	1
Trichloroethene	0.0012	U	0.0012	0.00037	mg/Kg	☼	10/08/25 14:35	10/08/25 19:03	1
Trichlorofluoromethane	0.0012	U	0.0012	0.00047	mg/Kg	☼	10/08/25 14:35	10/08/25 19:03	1
Vinyl chloride	0.0012	U	0.0012	0.00063	mg/Kg	☼	10/08/25 14:35	10/08/25 19:03	1
Xylenes, Total	0.0023	U	0.0023	0.00020	mg/Kg	☼	10/08/25 14:35	10/08/25 19:03	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,2-Dichloroethane-d4 (Surr)	*114*		*65 - 138*	*10/08/25 14:35*	*10/08/25 19:03*	*1*
4-Bromofluorobenzene	*104*		*71 - 128*	*10/08/25 14:35*	*10/08/25 19:03*	*1*
Dibromofluoromethane (Surr)	*117*		*50 - 150*	*10/08/25 14:35*	*10/08/25 19:03*	*1*
Toluene-d8 (Surr)	*95*		*71 - 126*	*10/08/25 14:35*	*10/08/25 19:03*	*1*

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Percent Moisture (EPA Moisture)	**5.8**		1.0	1.0	%			10/09/25 11:12	1
Percent Solids (EPA Moisture)	**94.2**		1.0	1.0	%			10/09/25 11:12	1

Client Sample ID: 48B1_0-1

Date Collected: 10/06/25 09:35
Date Received: 10/06/25 15:30

Lab Sample ID: 460-336556-20

Matrix: Solid
Percent Solids: 95.6

Method: SW846 8260D - Volatile Organic Compounds by GC/MS

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1-Trichloroethane	0.00086	U	0.00086	0.00020	mg/Kg	☼	10/08/25 14:35	10/08/25 19:26	1
1,1,2,2-Tetrachloroethane	0.00086	U	0.00086	0.00045	mg/Kg	☼	10/08/25 14:35	10/08/25 19:26	1
1,1,2-Trichloro-1,2,2-trifluoroethane	0.00086	U	0.00086	0.00026	mg/Kg	☼	10/08/25 14:35	10/08/25 19:26	1
1,1,2-Trichloroethane	0.00086	U	0.00086	0.00052	mg/Kg	☼	10/08/25 14:35	10/08/25 19:26	1
1,1-Dichloroethane	0.00086	U	0.00086	0.00051	mg/Kg	☼	10/08/25 14:35	10/08/25 19:26	1
1,1-Dichloroethene	0.00086	U	0.00086	0.00019	mg/Kg	☼	10/08/25 14:35	10/08/25 19:26	1
1,2,3-Trichlorobenzene	0.00086	U	0.00086	0.00063	mg/Kg	☼	10/08/25 14:35	10/08/25 19:26	1
1,2,4-Trichlorobenzene	0.00086	U	0.00086	0.00031	mg/Kg	☼	10/08/25 14:35	10/08/25 19:26	1
1,2,4-Trimethylbenzene	0.00086	U	0.00086	0.00021	mg/Kg	☼	10/08/25 14:35	10/08/25 19:26	1
1,2-Dibromo-3-Chloropropane	0.00086	U	0.00086	0.00039	mg/Kg	☼	10/08/25 14:35	10/08/25 19:26	1
1,2-Dichlorobenzene	0.00086	U	0.00086	0.00031	mg/Kg	☼	10/08/25 14:35	10/08/25 19:26	1
1,2-Dichloroethane	0.00086	U	0.00086	0.00025	mg/Kg	☼	10/08/25 14:35	10/08/25 19:26	1
1,2-Dichloropropane	0.00086	U	0.00086	0.00036	mg/Kg	☼	10/08/25 14:35	10/08/25 19:26	1
1,3,5-Trimethylbenzene	0.00086	U	0.00086	0.00027	mg/Kg	☼	10/08/25 14:35	10/08/25 19:26	1
1,3-Dichlorobenzene	0.00086	U	0.00086	0.00031	mg/Kg	☼	10/08/25 14:35	10/08/25 19:26	1
1,4-Dichlorobenzene	0.00086	U	0.00086	0.00044	mg/Kg	☼	10/08/25 14:35	10/08/25 19:26	1
2-Butanone (MEK)	0.0043	U	0.0043	0.00032	mg/Kg	☼	10/08/25 14:35	10/08/25 19:26	1
2-Hexanone	0.0043	U	0.0043	0.0015	mg/Kg	☼	10/08/25 14:35	10/08/25 19:26	1
4-Methyl-2-pentanone (MIBK)	0.0043	U	0.0043	0.0013	mg/Kg	☼	10/08/25 14:35	10/08/25 19:26	1
Acetone	**0.037**		0.0051	0.0049	mg/Kg	☼	10/08/25 14:35	10/08/25 19:26	1
Benzene	0.00086	U	0.00086	0.00049	mg/Kg	☼	10/08/25 14:35	10/08/25 19:26	1
Bromoform	0.00086	U	0.00086	0.00036	mg/Kg	☼	10/08/25 14:35	10/08/25 19:26	1
Bromomethane	0.0017	U *	0.0017	0.00086	mg/Kg	☼	10/08/25 14:35	10/08/25 19:26	1

Client Sample ID: 48B1_0-1
Date Collected: 10/06/25 09:35
Date Received: 10/06/25 15:30

Lab Sample ID: 460-336556-20
Matrix: Solid
Percent Solids: 95.6

Method: SW846 8260D - Volatile Organic Compounds by GC/MS (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Carbon disulfide	0.00086	U	0.00086	0.00023	mg/Kg	☼	10/08/25 14:35	10/08/25 19:26	1
Carbon tetrachloride	0.00086	U	0.00086	0.00033	mg/Kg	☼	10/08/25 14:35	10/08/25 19:26	1
Chlorobenzene	0.00086	U	0.00086	0.00043	mg/Kg	☼	10/08/25 14:35	10/08/25 19:26	1
Chlorobromomethane	0.00086	U	0.00086	0.00051	mg/Kg	☼	10/08/25 14:35	10/08/25 19:26	1
Chlorodibromomethane	0.00086	U	0.00086	0.00046	mg/Kg	☼	10/08/25 14:35	10/08/25 19:26	1
Chloroethane	0.00086	U	0.00086	0.00045	mg/Kg	☼	10/08/25 14:35	10/08/25 19:26	1
Chloroform	0.00086	U	0.00086	0.00083	mg/Kg	☼	10/08/25 14:35	10/08/25 19:26	1
Chloromethane	0.00086	U	0.00086	0.00037	mg/Kg	☼	10/08/25 14:35	10/08/25 19:26	1
cis-1,2-Dichloroethene	0.00086	U	0.00086	0.00031	mg/Kg	☼	10/08/25 14:35	10/08/25 19:26	1
cis-1,3-Dichloropropene	0.00086	U	0.00086	0.00023	mg/Kg	☼	10/08/25 14:35	10/08/25 19:26	1
Cyclohexane	0.00086	U	0.00086	0.00019	mg/Kg	☼	10/08/25 14:35	10/08/25 19:26	1
Dichlorobromomethane	0.00086	U	0.00086	0.00022	mg/Kg	☼	10/08/25 14:35	10/08/25 19:26	1
Dichlorodifluoromethane	0.00086	U	0.00086	0.00029	mg/Kg	☼	10/08/25 14:35	10/08/25 19:26	1
Ethylbenzene	0.00086	U	0.00086	0.00040	mg/Kg	☼	10/08/25 14:35	10/08/25 19:26	1
Ethylene Dibromide	0.00086	U	0.00086	0.00043	mg/Kg	☼	10/08/25 14:35	10/08/25 19:26	1
Isopropylbenzene	0.00086	U	0.00086	0.00024	mg/Kg	☼	10/08/25 14:35	10/08/25 19:26	1
Methyl acetate	0.0043	U	0.0043	0.0037	mg/Kg	☼	10/08/25 14:35	10/08/25 19:26	1
Methyl tert-butyl ether	0.00086	U	0.00086	0.00044	mg/Kg	☼	10/08/25 14:35	10/08/25 19:26	1
Methylcyclohexane	0.00086	U	0.00086	0.00043	mg/Kg	☼	10/08/25 14:35	10/08/25 19:26	1
Methylene Chloride	0.0017	U	0.0017	0.00098	mg/Kg	☼	10/08/25 14:35	10/08/25 19:26	1
m-Xylene & p-Xylene	0.00086	U	0.00086	0.00036	mg/Kg	☼	10/08/25 14:35	10/08/25 19:26	1
n-Butylbenzene	0.00086	U	0.00086	0.00025	mg/Kg	☼	10/08/25 14:35	10/08/25 19:26	1
N-Propylbenzene	0.00086	U	0.00086	0.00038	mg/Kg	☼	10/08/25 14:35	10/08/25 19:26	1
o-Xylene	0.00086	U	0.00086	0.00040	mg/Kg	☼	10/08/25 14:35	10/08/25 19:26	1
sec-Butylbenzene	0.00086	U	0.00086	0.00025	mg/Kg	☼	10/08/25 14:35	10/08/25 19:26	1
Styrene	0.00086	U	0.00086	0.00024	mg/Kg	☼	10/08/25 14:35	10/08/25 19:26	1
tert-Butylbenzene	0.00086	U	0.00086	0.00024	mg/Kg	☼	10/08/25 14:35	10/08/25 19:26	1
Tetrachloroethene	0.00086	U	0.00086	0.00026	mg/Kg	☼	10/08/25 14:35	10/08/25 19:26	1
Toluene	0.00086	U	0.00086	0.00020	mg/Kg	☼	10/08/25 14:35	10/08/25 19:26	1
trans-1,2-Dichloroethene	0.00086	U	0.00086	0.00021	mg/Kg	☼	10/08/25 14:35	10/08/25 19:26	1
trans-1,3-Dichloropropene	0.00086	U	0.00086	0.00023	mg/Kg	☼	10/08/25 14:35	10/08/25 19:26	1
Trichloroethene	0.00086	U	0.00086	0.00028	mg/Kg	☼	10/08/25 14:35	10/08/25 19:26	1
Trichlorofluoromethane	0.00086	U	0.00086	0.00035	mg/Kg	☼	10/08/25 14:35	10/08/25 19:26	1
Vinyl chloride	0.00086	U	0.00086	0.00047	mg/Kg	☼	10/08/25 14:35	10/08/25 19:26	1
Xylenes, Total	0.0017	U	0.0017	0.00015	mg/Kg	☼	10/08/25 14:35	10/08/25 19:26	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,2-Dichloroethane-d4 (Surr)	*112*		*65 - 138*	*10/08/25 14:35*	*10/08/25 19:26*	*1*
4-Bromofluorobenzene	*103*		*71 - 128*	*10/08/25 14:35*	*10/08/25 19:26*	*1*
Dibromofluoromethane (Surr)	*116*		*50 - 150*	*10/08/25 14:35*	*10/08/25 19:26*	*1*
Toluene-d8 (Surr)	*95*		*71 - 126*	*10/08/25 14:35*	*10/08/25 19:26*	*1*

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Percent Moisture (EPA Moisture)	**4.4**		1.0	1.0	%			10/09/25 11:12	1
Percent Solids (EPA Moisture)	**95.6**		1.0	1.0	%			10/09/25 11:12	1

Client Sample ID: 48B2_1-2
Date Collected: 10/06/25 09:40
Date Received: 10/06/25 15:30

Lab Sample ID: 460-336556-21
Matrix: Solid
Percent Solids: 95.3

Method: SW846 8260D - Volatile Organic Compounds by GC/MS

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1-Trichloroethane	0.0012	U	0.0012	0.00028	mg/Kg	☼	10/08/25 14:36	10/08/25 19:49	1
1,1,2,2-Tetrachloroethane	0.0012	U	0.0012	0.00063	mg/Kg	☼	10/08/25 14:36	10/08/25 19:49	1
1,1,2-Trichloro-1,2,2-trifluoroethane	0.0012	U	0.0012	0.00036	mg/Kg	☼	10/08/25 14:36	10/08/25 19:49	1
1,1,2-Trichloroethane	0.0012	U	0.0012	0.00072	mg/Kg	☼	10/08/25 14:36	10/08/25 19:49	1
1,1-Dichloroethane	0.0012	U	0.0012	0.00072	mg/Kg	☼	10/08/25 14:36	10/08/25 19:49	1
1,1-Dichloroethene	0.0012	U	0.0012	0.00027	mg/Kg	☼	10/08/25 14:36	10/08/25 19:49	1
1,2,3-Trichlorobenzene	0.0012	U	0.0012	0.00089	mg/Kg	☼	10/08/25 14:36	10/08/25 19:49	1
1,2,4-Trichlorobenzene	0.0012	U	0.0012	0.00043	mg/Kg	☼	10/08/25 14:36	10/08/25 19:49	1
1,2,4-Trimethylbenzene	0.0012	U	0.0012	0.00030	mg/Kg	☼	10/08/25 14:36	10/08/25 19:49	1
1,2-Dibromo-3-Chloropropane	0.0012	U	0.0012	0.00055	mg/Kg	☼	10/08/25 14:36	10/08/25 19:49	1
1,2-Dichlorobenzene	0.0012	U	0.0012	0.00043	mg/Kg	☼	10/08/25 14:36	10/08/25 19:49	1
1,2-Dichloroethane	0.0012	U	0.0012	0.00036	mg/Kg	☼	10/08/25 14:36	10/08/25 19:49	1
1,2-Dichloropropane	0.0012	U	0.0012	0.00051	mg/Kg	☼	10/08/25 14:36	10/08/25 19:49	1
1,3,5-Trimethylbenzene	0.0012	U	0.0012	0.00038	mg/Kg	☼	10/08/25 14:36	10/08/25 19:49	1
1,3-Dichlorobenzene	0.0012	U	0.0012	0.00044	mg/Kg	☼	10/08/25 14:36	10/08/25 19:49	1
1,4-Dichlorobenzene	0.0012	U	0.0012	0.00062	mg/Kg	☼	10/08/25 14:36	10/08/25 19:49	1
2-Butanone (MEK)	0.0060	U	0.0060	0.00044	mg/Kg	☼	10/08/25 14:36	10/08/25 19:49	1
2-Hexanone	0.0060	U	0.0060	0.0021	mg/Kg	☼	10/08/25 14:36	10/08/25 19:49	1
4-Methyl-2-pentanone (MIBK)	0.0060	U	0.0060	0.0019	mg/Kg	☼	10/08/25 14:36	10/08/25 19:49	1
Acetone	**0.055**		0.0072	0.0069	mg/Kg	☼	10/08/25 14:36	10/08/25 19:49	1
Benzene	0.0012	U	0.0012	0.00068	mg/Kg	☼	10/08/25 14:36	10/08/25 19:49	1
Bromoform	0.0012	U	0.0012	0.00051	mg/Kg	☼	10/08/25 14:36	10/08/25 19:49	1
Bromomethane	0.0024	U *	0.0024	0.0012	mg/Kg	☼	10/08/25 14:36	10/08/25 19:49	1
Carbon disulfide	0.0012	U	0.0012	0.00032	mg/Kg	☼	10/08/25 14:36	10/08/25 19:49	1
Carbon tetrachloride	0.0012	U	0.0012	0.00047	mg/Kg	☼	10/08/25 14:36	10/08/25 19:49	1
Chlorobenzene	0.0012	U	0.0012	0.00061	mg/Kg	☼	10/08/25 14:36	10/08/25 19:49	1
Chlorobromomethane	0.0012	U	0.0012	0.00072	mg/Kg	☼	10/08/25 14:36	10/08/25 19:49	1
Chlorodibromomethane	0.0012	U	0.0012	0.00065	mg/Kg	☼	10/08/25 14:36	10/08/25 19:49	1
Chloroethane	0.0012	U	0.0012	0.00063	mg/Kg	☼	10/08/25 14:36	10/08/25 19:49	1
Chloroform	0.0012	U	0.0012	0.0012	mg/Kg	☼	10/08/25 14:36	10/08/25 19:49	1
Chloromethane	0.0012	U	0.0012	0.00052	mg/Kg	☼	10/08/25 14:36	10/08/25 19:49	1
cis-1,2-Dichloroethene	0.0012	U	0.0012	0.00043	mg/Kg	☼	10/08/25 14:36	10/08/25 19:49	1
cis-1,3-Dichloropropene	0.0012	U	0.0012	0.00033	mg/Kg	☼	10/08/25 14:36	10/08/25 19:49	1
Cyclohexane	0.0012	U	0.0012	0.00027	mg/Kg	☼	10/08/25 14:36	10/08/25 19:49	1
Dichlorobromomethane	0.0012	U	0.0012	0.00031	mg/Kg	☼	10/08/25 14:36	10/08/25 19:49	1
Dichlorodifluoromethane	0.0012	U	0.0012	0.00041	mg/Kg	☼	10/08/25 14:36	10/08/25 19:49	1
Ethylbenzene	0.0012	U	0.0012	0.00056	mg/Kg	☼	10/08/25 14:36	10/08/25 19:49	1
Ethylene Dibromide	0.0012	U	0.0012	0.00061	mg/Kg	☼	10/08/25 14:36	10/08/25 19:49	1
Isopropylbenzene	0.0012	U	0.0012	0.00034	mg/Kg	☼	10/08/25 14:36	10/08/25 19:49	1
Methyl acetate	0.0060	U	0.0060	0.0052	mg/Kg	☼	10/08/25 14:36	10/08/25 19:49	1
Methyl tert-butyl ether	0.0012	U	0.0012	0.00062	mg/Kg	☼	10/08/25 14:36	10/08/25 19:49	1
Methylcyclohexane	0.0012	U	0.0012	0.00060	mg/Kg	☼	10/08/25 14:36	10/08/25 19:49	1
Methylene Chloride	0.0024	U	0.0024	0.0014	mg/Kg	☼	10/08/25 14:36	10/08/25 19:49	1
m-Xylene & p-Xylene	0.0012	U	0.0012	0.00051	mg/Kg	☼	10/08/25 14:36	10/08/25 19:49	1
n-Butylbenzene	0.0012	U	0.0012	0.00035	mg/Kg	☼	10/08/25 14:36	10/08/25 19:49	1
N-Propylbenzene	0.0012	U	0.0012	0.00054	mg/Kg	☼	10/08/25 14:36	10/08/25 19:49	1
o-Xylene	0.0012	U	0.0012	0.00055	mg/Kg	☼	10/08/25 14:36	10/08/25 19:49	1
sec-Butylbenzene	0.0012	U	0.0012	0.00035	mg/Kg	☼	10/08/25 14:36	10/08/25 19:49	1
Styrene	0.0012	U	0.0012	0.00033	mg/Kg	☼	10/08/25 14:36	10/08/25 19:49	1

Client Sample ID: 48B2_1-2

Lab Sample ID: 460-336556-21

Date Collected: 10/06/25 09:40
Matrix: Solid
Date Received: 10/06/25 15:30
Percent Solids: 95.3

Method: SW846 8260D - Volatile Organic Compounds by GC/MS (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
tert-Butylbenzene	0.0012	U	0.0012	0.00033	mg/Kg	☼	10/08/25 14:36	10/08/25 19:49	1
Tetrachloroethene	0.0012	U	0.0012	0.00037	mg/Kg	☼	10/08/25 14:36	10/08/25 19:49	1
Toluene	**0.00062**	**J**	0.0012	0.00028	mg/Kg	☼	10/08/25 14:36	10/08/25 19:49	1
trans-1,2-Dichloroethene	0.0012	U	0.0012	0.00030	mg/Kg	☼	10/08/25 14:36	10/08/25 19:49	1
trans-1,3-Dichloropropene	0.0012	U	0.0012	0.00032	mg/Kg	☼	10/08/25 14:36	10/08/25 19:49	1
Trichloroethene	0.0012	U	0.0012	0.00039	mg/Kg	☼	10/08/25 14:36	10/08/25 19:49	1
Trichlorofluoromethane	0.0012	U	0.0012	0.00049	mg/Kg	☼	10/08/25 14:36	10/08/25 19:49	1
Vinyl chloride	0.0012	U	0.0012	0.00066	mg/Kg	☼	10/08/25 14:36	10/08/25 19:49	1
Xylenes, Total	0.0024	U	0.0024	0.00021	mg/Kg	☼	10/08/25 14:36	10/08/25 19:49	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,2-Dichloroethane-d4 (Surr)	*112*		*65 - 138*	*10/08/25 14:36*	*10/08/25 19:49*	*1*
4-Bromofluorobenzene	*99*		*71 - 128*	*10/08/25 14:36*	*10/08/25 19:49*	*1*
Dibromofluoromethane (Surr)	*119*		*50 - 150*	*10/08/25 14:36*	*10/08/25 19:49*	*1*
Toluene-d8 (Surr)	*95*		*71 - 126*	*10/08/25 14:36*	*10/08/25 19:49*	*1*

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Percent Moisture (EPA Moisture)	**4.7**		1.0	1.0	%			10/09/25 11:12	1
Percent Solids (EPA Moisture)	**95.3**		1.0	1.0	%			10/09/25 11:12	1

Client Sample ID: 48B3_2-3

Lab Sample ID: 460-336556-22

Date Collected: 10/06/25 09:45
Matrix: Solid
Date Received: 10/06/25 15:30
Percent Solids: 94.4

Method: SW846 8260D - Volatile Organic Compounds by GC/MS

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1-Trichloroethane	0.0013	U	0.0013	0.00031	mg/Kg	☼	10/08/25 14:36	10/08/25 20:12	1
1,1,2,2-Tetrachloroethane	0.0013	U	0.0013	0.00070	mg/Kg	☼	10/08/25 14:36	10/08/25 20:12	1
1,1,2-Trichloro-1,2,2-trifluoroethane	0.0013	U	0.0013	0.00040	mg/Kg	☼	10/08/25 14:36	10/08/25 20:12	1
1,1,2-Trichloroethane	0.0013	U	0.0013	0.00080	mg/Kg	☼	10/08/25 14:36	10/08/25 20:12	1
1,1-Dichloroethane	0.0013	U	0.0013	0.00080	mg/Kg	☼	10/08/25 14:36	10/08/25 20:12	1
1,1-Dichloroethene	0.0013	U	0.0013	0.00030	mg/Kg	☼	10/08/25 14:36	10/08/25 20:12	1
1,2,3-Trichlorobenzene	0.0013	U	0.0013	0.00098	mg/Kg	☼	10/08/25 14:36	10/08/25 20:12	1
1,2,4-Trichlorobenzene	0.0013	U	0.0013	0.00048	mg/Kg	☼	10/08/25 14:36	10/08/25 20:12	1
1,2,4-Trimethylbenzene	0.0013	U	0.0013	0.00033	mg/Kg	☼	10/08/25 14:36	10/08/25 20:12	1
1,2-Dibromo-3-Chloropropane	0.0013	U	0.0013	0.00061	mg/Kg	☼	10/08/25 14:36	10/08/25 20:12	1
1,2-Dichlorobenzene	0.0013	U	0.0013	0.00048	mg/Kg	☼	10/08/25 14:36	10/08/25 20:12	1
1,2-Dichloroethane	0.0013	U	0.0013	0.00039	mg/Kg	☼	10/08/25 14:36	10/08/25 20:12	1
1,2-Dichloropropane	0.0013	U	0.0013	0.00056	mg/Kg	☼	10/08/25 14:36	10/08/25 20:12	1
1,3,5-Trimethylbenzene	0.0013	U	0.0013	0.00042	mg/Kg	☼	10/08/25 14:36	10/08/25 20:12	1
1,3-Dichlorobenzene	0.0013	U	0.0013	0.00049	mg/Kg	☼	10/08/25 14:36	10/08/25 20:12	1
1,4-Dichlorobenzene	0.0013	U	0.0013	0.00069	mg/Kg	☼	10/08/25 14:36	10/08/25 20:12	1
2-Butanone (MEK)	0.0067	U	0.0067	0.00049	mg/Kg	☼	10/08/25 14:36	10/08/25 20:12	1
2-Hexanone	0.0067	U	0.0067	0.0023	mg/Kg	☼	10/08/25 14:36	10/08/25 20:12	1
4-Methyl-2-pentanone (MIBK)	0.0067	U	0.0067	0.0021	mg/Kg	☼	10/08/25 14:36	10/08/25 20:12	1
Acetone	**0.047**		0.0080	0.0076	mg/Kg	☼	10/08/25 14:36	10/08/25 20:12	1
Benzene	0.0013	U	0.0013	0.00076	mg/Kg	☼	10/08/25 14:36	10/08/25 20:12	1
Bromoform	0.0013	U	0.0013	0.00057	mg/Kg	☼	10/08/25 14:36	10/08/25 20:12	1
Bromomethane	0.0027	U *	0.0027	0.0013	mg/Kg	☼	10/08/25 14:36	10/08/25 20:12	1

Client Sample ID: 48B3_2-3
Date Collected: 10/06/25 09:45
Date Received: 10/06/25 15:30

Lab Sample ID: 460-336556-22
Matrix: Solid
Percent Solids: 94.4

Method: SW846 8260D - Volatile Organic Compounds by GC/MS (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Carbon disulfide	0.0013	U	0.0013	0.00035	mg/Kg	☼	10/08/25 14:36	10/08/25 20:12	1
Carbon tetrachloride	0.0013	U	0.0013	0.00052	mg/Kg	☼	10/08/25 14:36	10/08/25 20:12	1
Chlorobenzene	0.0013	U	0.0013	0.00068	mg/Kg	☼	10/08/25 14:36	10/08/25 20:12	1
Chlorobromomethane	0.0013	U	0.0013	0.00079	mg/Kg	☼	10/08/25 14:36	10/08/25 20:12	1
Chlorodibromomethane	0.0013	U	0.0013	0.00072	mg/Kg	☼	10/08/25 14:36	10/08/25 20:12	1
Chloroethane	0.0013	U	0.0013	0.00070	mg/Kg	☼	10/08/25 14:36	10/08/25 20:12	1
Chloroform	0.0013	U	0.0013	0.0013	mg/Kg	☼	10/08/25 14:36	10/08/25 20:12	1
Chloromethane	0.0013	U	0.0013	0.00058	mg/Kg	☼	10/08/25 14:36	10/08/25 20:12	1
cis-1,2-Dichloroethene	0.0013	U	0.0013	0.00048	mg/Kg	☼	10/08/25 14:36	10/08/25 20:12	1
cis-1,3-Dichloropropene	0.0013	U	0.0013	0.00036	mg/Kg	☼	10/08/25 14:36	10/08/25 20:12	1
Cyclohexane	0.0013	U	0.0013	0.00029	mg/Kg	☼	10/08/25 14:36	10/08/25 20:12	1
Dichlorobromomethane	0.0013	U	0.0013	0.00034	mg/Kg	☼	10/08/25 14:36	10/08/25 20:12	1
Dichlorodifluoromethane	0.0013	U	0.0013	0.00045	mg/Kg	☼	10/08/25 14:36	10/08/25 20:12	1
Ethylbenzene	0.0013	U	0.0013	0.00062	mg/Kg	☼	10/08/25 14:36	10/08/25 20:12	1
Ethylene Dibromide	0.0013	U	0.0013	0.00067	mg/Kg	☼	10/08/25 14:36	10/08/25 20:12	1
Isopropylbenzene	0.0013	U	0.0013	0.00038	mg/Kg	☼	10/08/25 14:36	10/08/25 20:12	1
Methyl acetate	0.0067	U	0.0067	0.0057	mg/Kg	☼	10/08/25 14:36	10/08/25 20:12	1
Methyl tert-butyl ether	0.0013	U	0.0013	0.00068	mg/Kg	☼	10/08/25 14:36	10/08/25 20:12	1
Methylcyclohexane	0.0013	U	0.0013	0.00066	mg/Kg	☼	10/08/25 14:36	10/08/25 20:12	1
Methylene Chloride	0.0027	U	0.0027	0.0015	mg/Kg	☼	10/08/25 14:36	10/08/25 20:12	1
m-Xylene & p-Xylene	0.0013	U	0.0013	0.00056	mg/Kg	☼	10/08/25 14:36	10/08/25 20:12	1
n-Butylbenzene	0.0013	U	0.0013	0.00039	mg/Kg	☼	10/08/25 14:36	10/08/25 20:12	1
N-Propylbenzene	0.0013	U	0.0013	0.00060	mg/Kg	☼	10/08/25 14:36	10/08/25 20:12	1
o-Xylene	0.0013	U	0.0013	0.00061	mg/Kg	☼	10/08/25 14:36	10/08/25 20:12	1
sec-Butylbenzene	0.0013	U	0.0013	0.00038	mg/Kg	☼	10/08/25 14:36	10/08/25 20:12	1
Styrene	0.0013	U	0.0013	0.00037	mg/Kg	☼	10/08/25 14:36	10/08/25 20:12	1
tert-Butylbenzene	0.0013	U	0.0013	0.00037	mg/Kg	☼	10/08/25 14:36	10/08/25 20:12	1
Tetrachloroethene	0.0013	U	0.0013	0.00041	mg/Kg	☼	10/08/25 14:36	10/08/25 20:12	1
Toluene	**0.00055**	**J**	0.0013	0.00031	mg/Kg	☼	10/08/25 14:36	10/08/25 20:12	1
trans-1,2-Dichloroethene	0.0013	U	0.0013	0.00033	mg/Kg	☼	10/08/25 14:36	10/08/25 20:12	1
trans-1,3-Dichloropropene	0.0013	U	0.0013	0.00035	mg/Kg	☼	10/08/25 14:36	10/08/25 20:12	1
Trichloroethene	0.0013	U	0.0013	0.00043	mg/Kg	☼	10/08/25 14:36	10/08/25 20:12	1
Trichlorofluoromethane	0.0013	U	0.0013	0.00054	mg/Kg	☼	10/08/25 14:36	10/08/25 20:12	1
Vinyl chloride	0.0013	U	0.0013	0.00073	mg/Kg	☼	10/08/25 14:36	10/08/25 20:12	1
Xylenes, Total	0.0027	U	0.0027	0.00023	mg/Kg	☼	10/08/25 14:36	10/08/25 20:12	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,2-Dichloroethane-d4 (Surr)	*111*		*65 - 138*	*10/08/25 14:36*	*10/08/25 20:12*	*1*
4-Bromofluorobenzene	*102*		*71 - 128*	*10/08/25 14:36*	*10/08/25 20:12*	*1*
Dibromofluoromethane (Surr)	*119*		*50 - 150*	*10/08/25 14:36*	*10/08/25 20:12*	*1*
Toluene-d8 (Surr)	*96*		*71 - 126*	*10/08/25 14:36*	*10/08/25 20:12*	*1*

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Percent Moisture (EPA Moisture)	**5.6**		1.0	1.0	%			10/09/25 11:12	1
Percent Solids (EPA Moisture)	**94.4**		1.0	1.0	%			10/09/25 11:12	1

Client: Haley & Aldrich, Inc.
Project/Site: Former Port Mobil

Job ID: 460-336556-1

Client Sample ID: 48B1_3-4
Date Collected: 10/06/25 09:50
Date Received: 10/06/25 15:30

Lab Sample ID: 460-336556-23
Matrix: Solid
Percent Solids: 91.5

Method: SW846 8260D - Volatile Organic Compounds by GC/MS

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1-Trichloroethane	0.0011	U	0.0011	0.00026	mg/Kg	☼	10/08/25 14:36	10/08/25 20:36	1
1,1,2,2-Tetrachloroethane	0.0011	U	0.0011	0.00057	mg/Kg	☼	10/08/25 14:36	10/08/25 20:36	1
1,1,2-Trichloro-1,2,2-trifluoroethane	0.0011	U	0.0011	0.00033	mg/Kg	☼	10/08/25 14:36	10/08/25 20:36	1
1,1,2-Trichloroethane	0.0011	U	0.0011	0.00066	mg/Kg	☼	10/08/25 14:36	10/08/25 20:36	1
1,1-Dichloroethane	0.0011	U	0.0011	0.00066	mg/Kg	☼	10/08/25 14:36	10/08/25 20:36	1
1,1-Dichloroethene	0.0011	U	0.0011	0.00025	mg/Kg	☼	10/08/25 14:36	10/08/25 20:36	1
1,2,3-Trichlorobenzene	0.0011	U	0.0011	0.00081	mg/Kg	☼	10/08/25 14:36	10/08/25 20:36	1
1,2,4-Trichlorobenzene	0.0011	U	0.0011	0.00039	mg/Kg	☼	10/08/25 14:36	10/08/25 20:36	1
1,2,4-Trimethylbenzene	0.0011	U	0.0011	0.00027	mg/Kg	☼	10/08/25 14:36	10/08/25 20:36	1
1,2-Dibromo-3-Chloropropane	0.0011	U	0.0011	0.00051	mg/Kg	☼	10/08/25 14:36	10/08/25 20:36	1
1,2-Dichlorobenzene	0.0011	U	0.0011	0.00040	mg/Kg	☼	10/08/25 14:36	10/08/25 20:36	1
1,2-Dichloroethane	0.0011	U	0.0011	0.00033	mg/Kg	☼	10/08/25 14:36	10/08/25 20:36	1
1,2-Dichloropropane	0.0011	U	0.0011	0.00046	mg/Kg	☼	10/08/25 14:36	10/08/25 20:36	1
1,3,5-Trimethylbenzene	0.0011	U	0.0011	0.00034	mg/Kg	☼	10/08/25 14:36	10/08/25 20:36	1
1,3-Dichlorobenzene	0.0011	U	0.0011	0.00040	mg/Kg	☼	10/08/25 14:36	10/08/25 20:36	1
1,4-Dichlorobenzene	0.0011	U	0.0011	0.00057	mg/Kg	☼	10/08/25 14:36	10/08/25 20:36	1
2-Butanone (MEK)	0.0055	U	0.0055	0.00040	mg/Kg	☼	10/08/25 14:36	10/08/25 20:36	1
2-Hexanone	0.0055	U	0.0055	0.0019	mg/Kg	☼	10/08/25 14:36	10/08/25 20:36	1
4-Methyl-2-pentanone (MIBK)	0.0055	U	0.0055	0.0017	mg/Kg	☼	10/08/25 14:36	10/08/25 20:36	1
Acetone	**0.090**		0.0066	0.0063	mg/Kg	☼	10/08/25 14:36	10/08/25 20:36	1
Benzene	0.0011	U	0.0011	0.00062	mg/Kg	☼	10/08/25 14:36	10/08/25 20:36	1
Bromoform	0.0011	U	0.0011	0.00047	mg/Kg	☼	10/08/25 14:36	10/08/25 20:36	1
Bromomethane	0.0022	U *	0.0022	0.0011	mg/Kg	☼	10/08/25 14:36	10/08/25 20:36	1
Carbon disulfide	0.0011	U	0.0011	0.00029	mg/Kg	☼	10/08/25 14:36	10/08/25 20:36	1
Carbon tetrachloride	0.0011	U	0.0011	0.00043	mg/Kg	☼	10/08/25 14:36	10/08/25 20:36	1
Chlorobenzene	0.0011	U	0.0011	0.00056	mg/Kg	☼	10/08/25 14:36	10/08/25 20:36	1
Chlorobromomethane	0.0011	U	0.0011	0.00065	mg/Kg	☼	10/08/25 14:36	10/08/25 20:36	1
Chlorodibromomethane	0.0011	U	0.0011	0.00059	mg/Kg	☼	10/08/25 14:36	10/08/25 20:36	1
Chloroethane	0.0011	U	0.0011	0.00057	mg/Kg	☼	10/08/25 14:36	10/08/25 20:36	1
Chloroform	0.0011	U	0.0011	0.0011	mg/Kg	☼	10/08/25 14:36	10/08/25 20:36	1
Chloromethane	0.0011	U	0.0011	0.00048	mg/Kg	☼	10/08/25 14:36	10/08/25 20:36	1
cis-1,2-Dichloroethene	0.0011	U	0.0011	0.00039	mg/Kg	☼	10/08/25 14:36	10/08/25 20:36	1
cis-1,3-Dichloropropene	0.0011	U	0.0011	0.00030	mg/Kg	☼	10/08/25 14:36	10/08/25 20:36	1
Cyclohexane	0.0011	U	0.0011	0.00024	mg/Kg	☼	10/08/25 14:36	10/08/25 20:36	1
Dichlorobromomethane	0.0011	U	0.0011	0.00028	mg/Kg	☼	10/08/25 14:36	10/08/25 20:36	1
Dichlorodifluoromethane	0.0011	U	0.0011	0.00037	mg/Kg	☼	10/08/25 14:36	10/08/25 20:36	1
Ethylbenzene	0.0011	U	0.0011	0.00051	mg/Kg	☼	10/08/25 14:36	10/08/25 20:36	1
Ethylene Dibromide	0.0011	U	0.0011	0.00055	mg/Kg	☼	10/08/25 14:36	10/08/25 20:36	1
Isopropylbenzene	0.0011	U	0.0011	0.00031	mg/Kg	☼	10/08/25 14:36	10/08/25 20:36	1
Methyl acetate	0.0055	U	0.0055	0.0047	mg/Kg	☼	10/08/25 14:36	10/08/25 20:36	1
Methyl tert-butyl ether	0.0011	U	0.0011	0.00056	mg/Kg	☼	10/08/25 14:36	10/08/25 20:36	1
Methylcyclohexane	0.0011	U	0.0011	0.00055	mg/Kg	☼	10/08/25 14:36	10/08/25 20:36	1
Methylene Chloride	0.0022	U	0.0022	0.0013	mg/Kg	☼	10/08/25 14:36	10/08/25 20:36	1
m-Xylene & p-Xylene	0.0011	U	0.0011	0.00046	mg/Kg	☼	10/08/25 14:36	10/08/25 20:36	1
n-Butylbenzene	0.0011	U	0.0011	0.00032	mg/Kg	☼	10/08/25 14:36	10/08/25 20:36	1
N-Propylbenzene	0.0011	U	0.0011	0.00049	mg/Kg	☼	10/08/25 14:36	10/08/25 20:36	1
o-Xylene	0.0011	U	0.0011	0.00051	mg/Kg	☼	10/08/25 14:36	10/08/25 20:36	1
sec-Butylbenzene	0.0011	U	0.0011	0.00032	mg/Kg	☼	10/08/25 14:36	10/08/25 20:36	1
Styrene	0.0011	U	0.0011	0.00031	mg/Kg	☼	10/08/25 14:36	10/08/25 20:36	1

Client Sample ID: 48B1_3-4

Lab Sample ID: 460-336556-23

Date Collected: 10/06/25 09:50
Matrix: Solid
Date Received: 10/06/25 15:30
Percent Solids: 91.5

Method: SW846 8260D - Volatile Organic Compounds by GC/MS (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
tert-Butylbenzene	0.0011	U	0.0011	0.00030	mg/Kg	☼	10/08/25 14:36	10/08/25 20:36	1
Tetrachloroethene	0.0011	U	0.0011	0.00033	mg/Kg	☼	10/08/25 14:36	10/08/25 20:36	1
Toluene	0.0011	U	0.0011	0.00026	mg/Kg	☼	10/08/25 14:36	10/08/25 20:36	1
trans-1,2-Dichloroethene	0.0011	U	0.0011	0.00027	mg/Kg	☼	10/08/25 14:36	10/08/25 20:36	1
trans-1,3-Dichloropropene	0.0011	U	0.0011	0.00029	mg/Kg	☼	10/08/25 14:36	10/08/25 20:36	1
Trichloroethene	0.0011	U	0.0011	0.00035	mg/Kg	☼	10/08/25 14:36	10/08/25 20:36	1
Trichlorofluoromethane	0.0011	U	0.0011	0.00045	mg/Kg	☼	10/08/25 14:36	10/08/25 20:36	1
Vinyl chloride	0.0011	U	0.0011	0.00060	mg/Kg	☼	10/08/25 14:36	10/08/25 20:36	1
Xylenes, Total	0.0022	U	0.0022	0.00019	mg/Kg	☼	10/08/25 14:36	10/08/25 20:36	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,2-Dichloroethane-d4 (Surr)	*111*		*65 - 138*	*10/08/25 14:36*	*10/08/25 20:36*	*1*
4-Bromofluorobenzene	*100*		*71 - 128*	*10/08/25 14:36*	*10/08/25 20:36*	*1*
Dibromofluoromethane (Surr)	*119*		*50 - 150*	*10/08/25 14:36*	*10/08/25 20:36*	*1*
Toluene-d8 (Surr)	*95*		*71 - 126*	*10/08/25 14:36*	*10/08/25 20:36*	*1*

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Percent Moisture (EPA Moisture)	**8.5**		1.0	1.0	%			10/09/25 11:12	1
Percent Solids (EPA Moisture)	**91.5**		1.0	1.0	%			10/09/25 11:12	1

Client Sample ID: 48B2_4-5

Lab Sample ID: 460-336556-24

Date Collected: 10/06/25 09:55
Matrix: Solid
Date Received: 10/06/25 15:30
Percent Solids: 93.5

Method: SW846 8260D - Volatile Organic Compounds by GC/MS

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1-Trichloroethane	0.0014	U	0.0014	0.00033	mg/Kg	☼	10/08/25 14:37	10/08/25 20:59	1
1,1,2,2-Tetrachloroethane	0.0014	U	0.0014	0.00073	mg/Kg	☼	10/08/25 14:37	10/08/25 20:59	1
1,1,2-Trichloro-1,2,2-trifluoroethane	0.0014	U	0.0014	0.00042	mg/Kg	☼	10/08/25 14:37	10/08/25 20:59	1
1,1,2-Trichloroethane	0.0014	U	0.0014	0.00084	mg/Kg	☼	10/08/25 14:37	10/08/25 20:59	1
1,1-Dichloroethane	0.0014	U	0.0014	0.00084	mg/Kg	☼	10/08/25 14:37	10/08/25 20:59	1
1,1-Dichloroethene	0.0014	U	0.0014	0.00032	mg/Kg	☼	10/08/25 14:37	10/08/25 20:59	1
1,2,3-Trichlorobenzene	0.0014	U	0.0014	0.0010	mg/Kg	☼	10/08/25 14:37	10/08/25 20:59	1
1,2,4-Trichlorobenzene	0.0014	U	0.0014	0.00050	mg/Kg	☼	10/08/25 14:37	10/08/25 20:59	1
1,2,4-Trimethylbenzene	0.0014	U	0.0014	0.00034	mg/Kg	☼	10/08/25 14:37	10/08/25 20:59	1
1,2-Dibromo-3-Chloropropane	0.0014	U	0.0014	0.00064	mg/Kg	☼	10/08/25 14:37	10/08/25 20:59	1
1,2-Dichlorobenzene	0.0014	U	0.0014	0.00051	mg/Kg	☼	10/08/25 14:37	10/08/25 20:59	1
1,2-Dichloroethane	0.0014	U	0.0014	0.00041	mg/Kg	☼	10/08/25 14:37	10/08/25 20:59	1
1,2-Dichloropropane	0.0014	U	0.0014	0.00059	mg/Kg	☼	10/08/25 14:37	10/08/25 20:59	1
1,3,5-Trimethylbenzene	0.0014	U	0.0014	0.00044	mg/Kg	☼	10/08/25 14:37	10/08/25 20:59	1
1,3-Dichlorobenzene	0.0014	U	0.0014	0.00051	mg/Kg	☼	10/08/25 14:37	10/08/25 20:59	1
1,4-Dichlorobenzene	0.0014	U	0.0014	0.00073	mg/Kg	☼	10/08/25 14:37	10/08/25 20:59	1
2-Butanone (MEK)	0.0070	U	0.0070	0.00052	mg/Kg	☼	10/08/25 14:37	10/08/25 20:59	1
2-Hexanone	0.0070	U	0.0070	0.0024	mg/Kg	☼	10/08/25 14:37	10/08/25 20:59	1
4-Methyl-2-pentanone (MIBK)	0.0070	U	0.0070	0.0022	mg/Kg	☼	10/08/25 14:37	10/08/25 20:59	1
Acetone	**0.18**		0.0084	0.0080	mg/Kg	☼	10/08/25 14:37	10/08/25 20:59	1
Benzene	0.0014	U	0.0014	0.00079	mg/Kg	☼	10/08/25 14:37	10/08/25 20:59	1
Bromoform	0.0014	U	0.0014	0.00060	mg/Kg	☼	10/08/25 14:37	10/08/25 20:59	1
Bromomethane	0.0028	U *	0.0028	0.0014	mg/Kg	☼	10/08/25 14:37	10/08/25 20:59	1

Client Sample ID: 48B2_4-5
Date Collected: 10/06/25 09:55
Date Received: 10/06/25 15:30

Lab Sample ID: 460-336556-24
Matrix: Solid
Percent Solids: 93.5

Method: SW846 8260D - Volatile Organic Compounds by GC/MS (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Carbon disulfide	0.0014	U	0.0014	0.00037	mg/Kg	☼	10/08/25 14:37	10/08/25 20:59	1
Carbon tetrachloride	0.0014	U	0.0014	0.00054	mg/Kg	☼	10/08/25 14:37	10/08/25 20:59	1
Chlorobenzene	0.0014	U	0.0014	0.00071	mg/Kg	☼	10/08/25 14:37	10/08/25 20:59	1
Chlorobromomethane	0.0014	U	0.0014	0.00083	mg/Kg	☼	10/08/25 14:37	10/08/25 20:59	1
Chlorodibromomethane	0.0014	U	0.0014	0.00075	mg/Kg	☼	10/08/25 14:37	10/08/25 20:59	1
Chloroethane	0.0014	U	0.0014	0.00073	mg/Kg	☼	10/08/25 14:37	10/08/25 20:59	1
Chloroform	0.0014	U	0.0014	0.0014	mg/Kg	☼	10/08/25 14:37	10/08/25 20:59	1
Chloromethane	0.0014	U	0.0014	0.00061	mg/Kg	☼	10/08/25 14:37	10/08/25 20:59	1
cis-1,2-Dichloroethene	0.0014	U	0.0014	0.00050	mg/Kg	☼	10/08/25 14:37	10/08/25 20:59	1
cis-1,3-Dichloropropene	0.0014	U	0.0014	0.00038	mg/Kg	☼	10/08/25 14:37	10/08/25 20:59	1
Cyclohexane	0.0014	U	0.0014	0.00031	mg/Kg	☼	10/08/25 14:37	10/08/25 20:59	1
Dichlorobromomethane	0.0014	U	0.0014	0.00036	mg/Kg	☼	10/08/25 14:37	10/08/25 20:59	1
Dichlorodifluoromethane	0.0014	U	0.0014	0.00047	mg/Kg	☼	10/08/25 14:37	10/08/25 20:59	1
Ethylbenzene	0.0014	U	0.0014	0.00066	mg/Kg	☼	10/08/25 14:37	10/08/25 20:59	1
Ethylene Dibromide	0.0014	U	0.0014	0.00071	mg/Kg	☼	10/08/25 14:37	10/08/25 20:59	1
Isopropylbenzene	0.0014	U	0.0014	0.00040	mg/Kg	☼	10/08/25 14:37	10/08/25 20:59	1
Methyl acetate	0.0070	U	0.0070	0.0060	mg/Kg	☼	10/08/25 14:37	10/08/25 20:59	1
Methyl tert-butyl ether	0.0014	U	0.0014	0.00072	mg/Kg	☼	10/08/25 14:37	10/08/25 20:59	1
Methylcyclohexane	0.0014	U	0.0014	0.00070	mg/Kg	☼	10/08/25 14:37	10/08/25 20:59	1
Methylene Chloride	**0.0016**	**J**	0.0028	0.0016	mg/Kg	☼	10/08/25 14:37	10/08/25 20:59	1
m-Xylene & p-Xylene	0.0014	U	0.0014	0.00059	mg/Kg	☼	10/08/25 14:37	10/08/25 20:59	1
n-Butylbenzene	0.0014	U	0.0014	0.00041	mg/Kg	☼	10/08/25 14:37	10/08/25 20:59	1
N-Propylbenzene	0.0014	U	0.0014	0.00063	mg/Kg	☼	10/08/25 14:37	10/08/25 20:59	1
o-Xylene	0.0014	U	0.0014	0.00065	mg/Kg	☼	10/08/25 14:37	10/08/25 20:59	1
sec-Butylbenzene	0.0014	U	0.0014	0.00040	mg/Kg	☼	10/08/25 14:37	10/08/25 20:59	1
Styrene	0.0014	U	0.0014	0.00039	mg/Kg	☼	10/08/25 14:37	10/08/25 20:59	1
tert-Butylbenzene	0.0014	U	0.0014	0.00039	mg/Kg	☼	10/08/25 14:37	10/08/25 20:59	1
Tetrachloroethene	0.0014	U	0.0014	0.00043	mg/Kg	☼	10/08/25 14:37	10/08/25 20:59	1
Toluene	**0.00054**	**J**	0.0014	0.00033	mg/Kg	☼	10/08/25 14:37	10/08/25 20:59	1
trans-1,2-Dichloroethene	0.0014	U	0.0014	0.00034	mg/Kg	☼	10/08/25 14:37	10/08/25 20:59	1
trans-1,3-Dichloropropene	0.0014	U	0.0014	0.00037	mg/Kg	☼	10/08/25 14:37	10/08/25 20:59	1
Trichloroethene	0.0014	U	0.0014	0.00045	mg/Kg	☼	10/08/25 14:37	10/08/25 20:59	1
Trichlorofluoromethane	0.0014	U	0.0014	0.00057	mg/Kg	☼	10/08/25 14:37	10/08/25 20:59	1
Vinyl chloride	0.0014	U	0.0014	0.00076	mg/Kg	☼	10/08/25 14:37	10/08/25 20:59	1
Xylenes, Total	0.0028	U	0.0028	0.00024	mg/Kg	☼	10/08/25 14:37	10/08/25 20:59	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,2-Dichloroethane-d4 (Surr)	*112*		*65 - 138*	*10/08/25 14:37*	*10/08/25 20:59*	*1*
4-Bromofluorobenzene	*101*		*71 - 128*	*10/08/25 14:37*	*10/08/25 20:59*	*1*
Dibromofluoromethane (Surr)	*118*		*50 - 150*	*10/08/25 14:37*	*10/08/25 20:59*	*1*
Toluene-d8 (Surr)	*96*		*71 - 126*	*10/08/25 14:37*	*10/08/25 20:59*	*1*

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Percent Moisture (EPA Moisture)	**6.5**		1.0	1.0	%			10/09/25 11:12	1
Percent Solids (EPA Moisture)	**93.5**		1.0	1.0	%			10/09/25 11:12	1

Client: Haley & Aldrich, Inc.
Project/Site: Former Port Mobil

Job ID: 460-336556-1

Client Sample ID: 48B3_5-6
Date Collected: 10/06/25 10:00
Date Received: 10/06/25 15:30

Lab Sample ID: 460-336556-25
Matrix: Solid
Percent Solids: 94.0

Method: SW846 8260D - Volatile Organic Compounds by GC/MS

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1-Trichloroethane	0.0011	U	0.0011	0.00026	mg/Kg	☼	10/08/25 14:37	10/08/25 21:22	1
1,1,2,2-Tetrachloroethane	0.0011	U	0.0011	0.00058	mg/Kg	☼	10/08/25 14:37	10/08/25 21:22	1
1,1,2-Trichloro-1,2,2-trifluoroethane	0.0011	U	0.0011	0.00033	mg/Kg	☼	10/08/25 14:37	10/08/25 21:22	1
1,1,2-Trichloroethane	0.0011	U	0.0011	0.00066	mg/Kg	☼	10/08/25 14:37	10/08/25 21:22	1
1,1-Dichloroethane	0.0011	U	0.0011	0.00066	mg/Kg	☼	10/08/25 14:37	10/08/25 21:22	1
1,1-Dichloroethene	0.0011	U	0.0011	0.00025	mg/Kg	☼	10/08/25 14:37	10/08/25 21:22	1
1,2,3-Trichlorobenzene	0.0011	U	0.0011	0.00081	mg/Kg	☼	10/08/25 14:37	10/08/25 21:22	1
1,2,4-Trichlorobenzene	0.0011	U	0.0011	0.00040	mg/Kg	☼	10/08/25 14:37	10/08/25 21:22	1
1,2,4-Trimethylbenzene	0.0011	U	0.0011	0.00027	mg/Kg	☼	10/08/25 14:37	10/08/25 21:22	1
1,2-Dibromo-3-Chloropropane	0.0011	U	0.0011	0.00051	mg/Kg	☼	10/08/25 14:37	10/08/25 21:22	1
1,2-Dichlorobenzene	0.0011	U	0.0011	0.00040	mg/Kg	☼	10/08/25 14:37	10/08/25 21:22	1
1,2-Dichloroethane	0.0011	U	0.0011	0.00033	mg/Kg	☼	10/08/25 14:37	10/08/25 21:22	1
1,2-Dichloropropane	0.0011	U	0.0011	0.00047	mg/Kg	☼	10/08/25 14:37	10/08/25 21:22	1
1,3,5-Trimethylbenzene	0.0011	U	0.0011	0.00035	mg/Kg	☼	10/08/25 14:37	10/08/25 21:22	1
1,3-Dichlorobenzene	0.0011	U	0.0011	0.00040	mg/Kg	☼	10/08/25 14:37	10/08/25 21:22	1
1,4-Dichlorobenzene	0.0011	U	0.0011	0.00057	mg/Kg	☼	10/08/25 14:37	10/08/25 21:22	1
2-Butanone (MEK)	0.0055	U	0.0055	0.00041	mg/Kg	☼	10/08/25 14:37	10/08/25 21:22	1
2-Hexanone	0.0055	U	0.0055	0.0019	mg/Kg	☼	10/08/25 14:37	10/08/25 21:22	1
4-Methyl-2-pentanone (MIBK)	0.0055	U	0.0055	0.0017	mg/Kg	☼	10/08/25 14:37	10/08/25 21:22	1
Acetone	**0.087**		0.0066	0.0063	mg/Kg	☼	10/08/25 14:37	10/08/25 21:22	1
Benzene	0.0011	U	0.0011	0.00063	mg/Kg	☼	10/08/25 14:37	10/08/25 21:22	1
Bromoform	0.0011	U	0.0011	0.00047	mg/Kg	☼	10/08/25 14:37	10/08/25 21:22	1
Bromomethane	0.0022	U *	0.0022	0.0011	mg/Kg	☼	10/08/25 14:37	10/08/25 21:22	1
Carbon disulfide	0.0011	U	0.0011	0.00029	mg/Kg	☼	10/08/25 14:37	10/08/25 21:22	1
Carbon tetrachloride	0.0011	U	0.0011	0.00043	mg/Kg	☼	10/08/25 14:37	10/08/25 21:22	1
Chlorobenzene	0.0011	U	0.0011	0.00056	mg/Kg	☼	10/08/25 14:37	10/08/25 21:22	1
Chlorobromomethane	0.0011	U	0.0011	0.00066	mg/Kg	☼	10/08/25 14:37	10/08/25 21:22	1
Chlorodibromomethane	0.0011	U	0.0011	0.00059	mg/Kg	☼	10/08/25 14:37	10/08/25 21:22	1
Chloroethane	0.0011	U	0.0011	0.00058	mg/Kg	☼	10/08/25 14:37	10/08/25 21:22	1
Chloroform	0.0011	U	0.0011	0.0011	mg/Kg	☼	10/08/25 14:37	10/08/25 21:22	1
Chloromethane	0.0011	U	0.0011	0.00048	mg/Kg	☼	10/08/25 14:37	10/08/25 21:22	1
cis-1,2-Dichloroethene	0.0011	U	0.0011	0.00040	mg/Kg	☼	10/08/25 14:37	10/08/25 21:22	1
cis-1,3-Dichloropropene	0.0011	U	0.0011	0.00030	mg/Kg	☼	10/08/25 14:37	10/08/25 21:22	1
Cyclohexane	0.0011	U	0.0011	0.00024	mg/Kg	☼	10/08/25 14:37	10/08/25 21:22	1
Dichlorobromomethane	0.0011	U	0.0011	0.00028	mg/Kg	☼	10/08/25 14:37	10/08/25 21:22	1
Dichlorodifluoromethane	0.0011	U	0.0011	0.00037	mg/Kg	☼	10/08/25 14:37	10/08/25 21:22	1
Ethylbenzene	0.0011	U	0.0011	0.00052	mg/Kg	☼	10/08/25 14:37	10/08/25 21:22	1
Ethylene Dibromide	0.0011	U	0.0011	0.00056	mg/Kg	☼	10/08/25 14:37	10/08/25 21:22	1
Isopropylbenzene	0.0011	U	0.0011	0.00031	mg/Kg	☼	10/08/25 14:37	10/08/25 21:22	1
Methyl acetate	0.0055	U	0.0055	0.0047	mg/Kg	☼	10/08/25 14:37	10/08/25 21:22	1
Methyl tert-butyl ether	0.0011	U	0.0011	0.00057	mg/Kg	☼	10/08/25 14:37	10/08/25 21:22	1
Methylcyclohexane	0.0011	U	0.0011	0.00055	mg/Kg	☼	10/08/25 14:37	10/08/25 21:22	1
Methylene Chloride	0.0022	U	0.0022	0.0013	mg/Kg	☼	10/08/25 14:37	10/08/25 21:22	1
m-Xylene & p-Xylene	0.0011	U	0.0011	0.00047	mg/Kg	☼	10/08/25 14:37	10/08/25 21:22	1
n-Butylbenzene	0.0011	U	0.0011	0.00032	mg/Kg	☼	10/08/25 14:37	10/08/25 21:22	1
N-Propylbenzene	0.0011	U	0.0011	0.00050	mg/Kg	☼	10/08/25 14:37	10/08/25 21:22	1
o-Xylene	0.0011	U	0.0011	0.00051	mg/Kg	☼	10/08/25 14:37	10/08/25 21:22	1
sec-Butylbenzene	0.0011	U	0.0011	0.00032	mg/Kg	☼	10/08/25 14:37	10/08/25 21:22	1
Styrene	0.0011	U	0.0011	0.00031	mg/Kg	☼	10/08/25 14:37	10/08/25 21:22	1

Client Sample ID: 48B3_5-6

Lab Sample ID: 460-336556-25

Date Collected: 10/06/25 10:00

Matrix: Solid

Date Received: 10/06/25 15:30

Percent Solids: 94.0

Method: SW846 8260D - Volatile Organic Compounds by GC/MS (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
tert-Butylbenzene	0.0011	U	0.0011	0.00030	mg/Kg	☼	10/08/25 14:37	10/08/25 21:22	1
Tetrachloroethene	0.0011	U	0.0011	0.00034	mg/Kg	☼	10/08/25 14:37	10/08/25 21:22	1
Toluene	0.0011	U	0.0011	0.00026	mg/Kg	☼	10/08/25 14:37	10/08/25 21:22	1
trans-1,2-Dichloroethene	0.0011	U	0.0011	0.00027	mg/Kg	☼	10/08/25 14:37	10/08/25 21:22	1
trans-1,3-Dichloropropene	0.0011	U	0.0011	0.00029	mg/Kg	☼	10/08/25 14:37	10/08/25 21:22	1
Trichloroethene	0.0011	U	0.0011	0.00035	mg/Kg	☼	10/08/25 14:37	10/08/25 21:22	1
Trichlorofluoromethane	0.0011	U	0.0011	0.00045	mg/Kg	☼	10/08/25 14:37	10/08/25 21:22	1
Vinyl chloride	0.0011	U	0.0011	0.00060	mg/Kg	☼	10/08/25 14:37	10/08/25 21:22	1
Xylenes, Total	0.0022	U	0.0022	0.00019	mg/Kg	☼	10/08/25 14:37	10/08/25 21:22	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,2-Dichloroethane-d4 (Surr)	*112*		*65 - 138*	*10/08/25 14:37*	*10/08/25 21:22*	*1*
4-Bromofluorobenzene	*103*		*71 - 128*	*10/08/25 14:37*	*10/08/25 21:22*	*1*
Dibromofluoromethane (Surr)	*118*		*50 - 150*	*10/08/25 14:37*	*10/08/25 21:22*	*1*
Toluene-d8 (Surr)	*96*		*71 - 126*	*10/08/25 14:37*	*10/08/25 21:22*	*1*

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Percent Moisture (EPA Moisture)	**6.0**		1.0	1.0	%			10/09/25 11:12	1
Percent Solids (EPA Moisture)	**94.0**		1.0	1.0	%			10/09/25 11:12	1

Client Sample ID: 48B2_5-6

Lab Sample ID: 460-336556-26

Date Collected: 10/06/25 10:05

Matrix: Solid

Date Received: 10/06/25 15:30

Percent Solids: 91.5

Method: SW846 8260D - Volatile Organic Compounds by GC/MS

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1-Trichloroethane	0.0010	U	0.0010	0.00024	mg/Kg	☼	10/08/25 14:37	10/08/25 21:45	1
1,1,2,2-Tetrachloroethane	0.0010	U	0.0010	0.00054	mg/Kg	☼	10/08/25 14:37	10/08/25 21:45	1
1,1,2-Trichloro-1,2,2-trifluoroethane	0.0010	U	0.0010	0.00031	mg/Kg	☼	10/08/25 14:37	10/08/25 21:45	1
1,1,2-Trichloroethane	0.0010	U	0.0010	0.00063	mg/Kg	☼	10/08/25 14:37	10/08/25 21:45	1
1,1-Dichloroethane	0.0010	U	0.0010	0.00062	mg/Kg	☼	10/08/25 14:37	10/08/25 21:45	1
1,1-Dichloroethene	0.0010	U	0.0010	0.00023	mg/Kg	☼	10/08/25 14:37	10/08/25 21:45	1
1,2,3-Trichlorobenzene	0.0010	U	0.0010	0.00077	mg/Kg	☼	10/08/25 14:37	10/08/25 21:45	1
1,2,4-Trichlorobenzene	0.0010	U	0.0010	0.00037	mg/Kg	☼	10/08/25 14:37	10/08/25 21:45	1
1,2,4-Trimethylbenzene	0.0010	U	0.0010	0.00026	mg/Kg	☼	10/08/25 14:37	10/08/25 21:45	1
1,2-Dibromo-3-Chloropropane	0.0010	U	0.0010	0.00048	mg/Kg	☼	10/08/25 14:37	10/08/25 21:45	1
1,2-Dichlorobenzene	0.0010	U	0.0010	0.00038	mg/Kg	☼	10/08/25 14:37	10/08/25 21:45	1
1,2-Dichloroethane	0.0010	U	0.0010	0.00031	mg/Kg	☼	10/08/25 14:37	10/08/25 21:45	1
1,2-Dichloropropane	0.0010	U	0.0010	0.00044	mg/Kg	☼	10/08/25 14:37	10/08/25 21:45	1
1,3,5-Trimethylbenzene	0.0010	U	0.0010	0.00033	mg/Kg	☼	10/08/25 14:37	10/08/25 21:45	1
1,3-Dichlorobenzene	0.0010	U	0.0010	0.00038	mg/Kg	☼	10/08/25 14:37	10/08/25 21:45	1
1,4-Dichlorobenzene	0.0010	U	0.0010	0.00054	mg/Kg	☼	10/08/25 14:37	10/08/25 21:45	1
2-Butanone (MEK)	0.0052	U	0.0052	0.00038	mg/Kg	☼	10/08/25 14:37	10/08/25 21:45	1
2-Hexanone	0.0052	U	0.0052	0.0018	mg/Kg	☼	10/08/25 14:37	10/08/25 21:45	1
4-Methyl-2-pentanone (MIBK)	0.0052	U	0.0052	0.0016	mg/Kg	☼	10/08/25 14:37	10/08/25 21:45	1
Acetone	**0.075**		0.0063	0.0060	mg/Kg	☼	10/08/25 14:37	10/08/25 21:45	1
Benzene	0.0010	U	0.0010	0.00059	mg/Kg	☼	10/08/25 14:37	10/08/25 21:45	1
Bromoform	0.0010	U	0.0010	0.00044	mg/Kg	☼	10/08/25 14:37	10/08/25 21:45	1
Bromomethane	0.0021	U *	0.0021	0.0010	mg/Kg	☼	10/08/25 14:37	10/08/25 21:45	1

Client Sample ID: 48B2_5-6
Date Collected: 10/06/25 10:05
Date Received: 10/06/25 15:30

Lab Sample ID: 460-336556-26
Matrix: Solid
Percent Solids: 91.5

Method: SW846 8260D - Volatile Organic Compounds by GC/MS (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Carbon disulfide	0.0010	U	0.0010	0.00028	mg/Kg	☼	10/08/25 14:37	10/08/25 21:45	1
Carbon tetrachloride	0.0010	U	0.0010	0.00040	mg/Kg	☼	10/08/25 14:37	10/08/25 21:45	1
Chlorobenzene	0.0010	U	0.0010	0.00053	mg/Kg	☼	10/08/25 14:37	10/08/25 21:45	1
Chlorobromomethane	0.0010	U	0.0010	0.00062	mg/Kg	☼	10/08/25 14:37	10/08/25 21:45	1
Chlorodibromomethane	0.0010	U	0.0010	0.00056	mg/Kg	☼	10/08/25 14:37	10/08/25 21:45	1
Chloroethane	0.0010	U	0.0010	0.00054	mg/Kg	☼	10/08/25 14:37	10/08/25 21:45	1
Chloroform	0.0010	U	0.0010	0.0010	mg/Kg	☼	10/08/25 14:37	10/08/25 21:45	1
Chloromethane	0.0010	U	0.0010	0.00045	mg/Kg	☼	10/08/25 14:37	10/08/25 21:45	1
cis-1,2-Dichloroethene	0.0010	U	0.0010	0.00037	mg/Kg	☼	10/08/25 14:37	10/08/25 21:45	1
cis-1,3-Dichloropropene	0.0010	U	0.0010	0.00028	mg/Kg	☼	10/08/25 14:37	10/08/25 21:45	1
Cyclohexane	0.0010	U	0.0010	0.00023	mg/Kg	☼	10/08/25 14:37	10/08/25 21:45	1
Dichlorobromomethane	0.0010	U	0.0010	0.00027	mg/Kg	☼	10/08/25 14:37	10/08/25 21:45	1
Dichlorodifluoromethane	0.0010	U	0.0010	0.00035	mg/Kg	☼	10/08/25 14:37	10/08/25 21:45	1
Ethylbenzene	0.0010	U	0.0010	0.00049	mg/Kg	☼	10/08/25 14:37	10/08/25 21:45	1
Ethylene Dibromide	0.0010	U	0.0010	0.00053	mg/Kg	☼	10/08/25 14:37	10/08/25 21:45	1
Isopropylbenzene	0.0010	U	0.0010	0.00030	mg/Kg	☼	10/08/25 14:37	10/08/25 21:45	1
Methyl acetate	0.0052	U	0.0052	0.0045	mg/Kg	☼	10/08/25 14:37	10/08/25 21:45	1
Methyl tert-butyl ether	0.0010	U	0.0010	0.00053	mg/Kg	☼	10/08/25 14:37	10/08/25 21:45	1
Methylcyclohexane	0.0010	U	0.0010	0.00052	mg/Kg	☼	10/08/25 14:37	10/08/25 21:45	1
Methylene Chloride	0.0021	U	0.0021	0.0012	mg/Kg	☼	10/08/25 14:37	10/08/25 21:45	1
m-Xylene & p-Xylene	0.0010	U	0.0010	0.00044	mg/Kg	☼	10/08/25 14:37	10/08/25 21:45	1
n-Butylbenzene	0.0010	U	0.0010	0.00031	mg/Kg	☼	10/08/25 14:37	10/08/25 21:45	1
N-Propylbenzene	0.0010	U	0.0010	0.00047	mg/Kg	☼	10/08/25 14:37	10/08/25 21:45	1
o-Xylene	0.0010	U	0.0010	0.00048	mg/Kg	☼	10/08/25 14:37	10/08/25 21:45	1
sec-Butylbenzene	0.0010	U	0.0010	0.00030	mg/Kg	☼	10/08/25 14:37	10/08/25 21:45	1
Styrene	0.0010	U	0.0010	0.00029	mg/Kg	☼	10/08/25 14:37	10/08/25 21:45	1
tert-Butylbenzene	0.0010	U	0.0010	0.00029	mg/Kg	☼	10/08/25 14:37	10/08/25 21:45	1
Tetrachloroethene	0.0010	U	0.0010	0.00032	mg/Kg	☼	10/08/25 14:37	10/08/25 21:45	1
Toluene	**0.00042**	**J**	0.0010	0.00024	mg/Kg	☼	10/08/25 14:37	10/08/25 21:45	1
trans-1,2-Dichloroethene	0.0010	U	0.0010	0.00026	mg/Kg	☼	10/08/25 14:37	10/08/25 21:45	1
trans-1,3-Dichloropropene	0.0010	U	0.0010	0.00028	mg/Kg	☼	10/08/25 14:37	10/08/25 21:45	1
Trichloroethene	0.0010	U	0.0010	0.00033	mg/Kg	☼	10/08/25 14:37	10/08/25 21:45	1
Trichlorofluoromethane	0.0010	U	0.0010	0.00042	mg/Kg	☼	10/08/25 14:37	10/08/25 21:45	1
Vinyl chloride	0.0010	U	0.0010	0.00057	mg/Kg	☼	10/08/25 14:37	10/08/25 21:45	1
Xylenes, Total	0.0021	U	0.0021	0.00018	mg/Kg	☼	10/08/25 14:37	10/08/25 21:45	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,2-Dichloroethane-d4 (Surr)	*113*		*65 - 138*	*10/08/25 14:37*	*10/08/25 21:45*	*1*
4-Bromofluorobenzene	*101*		*71 - 128*	*10/08/25 14:37*	*10/08/25 21:45*	*1*
Dibromofluoromethane (Surr)	*118*		*50 - 150*	*10/08/25 14:37*	*10/08/25 21:45*	*1*
Toluene-d8 (Surr)	*95*		*71 - 126*	*10/08/25 14:37*	*10/08/25 21:45*	*1*

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Percent Moisture (EPA Moisture)	**8.5**		1.0	1.0	%			10/09/25 11:12	1
Percent Solids (EPA Moisture)	**91.5**		1.0	1.0	%			10/09/25 11:12	1

Client: Haley & Aldrich, Inc.
Project/Site: Former Port Mobil

Job ID: 460-336556-1

Client Sample ID: 48C1_0-1
Date Collected: 10/06/25 10:10
Date Received: 10/06/25 15:30

Lab Sample ID: 460-336556-27
Matrix: Solid
Percent Solids: 95.3

Method: SW846 8260D - Volatile Organic Compounds by GC/MS

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1-Trichloroethane	0.0011	U	0.0011	0.00025	mg/Kg	☼	10/08/25 14:38	10/08/25 22:08	1
1,1,2,2-Tetrachloroethane	0.0011	U	0.0011	0.00057	mg/Kg	☼	10/08/25 14:38	10/08/25 22:08	1
1,1,2-Trichloro-1,2,2-trifluoroethane	0.0011	U	0.0011	0.00033	mg/Kg	☼	10/08/25 14:38	10/08/25 22:08	1
1,1,2-Trichloroethane	0.0011	U	0.0011	0.00065	mg/Kg	☼	10/08/25 14:38	10/08/25 22:08	1
1,1-Dichloroethane	0.0011	U	0.0011	0.00065	mg/Kg	☼	10/08/25 14:38	10/08/25 22:08	1
1,1-Dichloroethene	0.0011	U	0.0011	0.00024	mg/Kg	☼	10/08/25 14:38	10/08/25 22:08	1
1,2,3-Trichlorobenzene	0.0011	U	0.0011	0.00080	mg/Kg	☼	10/08/25 14:38	10/08/25 22:08	1
1,2,4-Trichlorobenzene	0.0011	U	0.0011	0.00039	mg/Kg	☼	10/08/25 14:38	10/08/25 22:08	1
1,2,4-Trimethylbenzene	0.0011	U	0.0011	0.00027	mg/Kg	☼	10/08/25 14:38	10/08/25 22:08	1
1,2-Dibromo-3-Chloropropane	0.0011	U	0.0011	0.00050	mg/Kg	☼	10/08/25 14:38	10/08/25 22:08	1
1,2-Dichlorobenzene	0.0011	U	0.0011	0.00039	mg/Kg	☼	10/08/25 14:38	10/08/25 22:08	1
1,2-Dichloroethane	0.0011	U	0.0011	0.00032	mg/Kg	☼	10/08/25 14:38	10/08/25 22:08	1
1,2-Dichloropropane	0.0011	U	0.0011	0.00046	mg/Kg	☼	10/08/25 14:38	10/08/25 22:08	1
1,3,5-Trimethylbenzene	0.0011	U	0.0011	0.00034	mg/Kg	☼	10/08/25 14:38	10/08/25 22:08	1
1,3-Dichlorobenzene	0.0011	U	0.0011	0.00040	mg/Kg	☼	10/08/25 14:38	10/08/25 22:08	1
1,4-Dichlorobenzene	0.0011	U	0.0011	0.00056	mg/Kg	☼	10/08/25 14:38	10/08/25 22:08	1
2-Butanone (MEK)	0.0054	U	0.0054	0.00040	mg/Kg	☼	10/08/25 14:38	10/08/25 22:08	1
2-Hexanone	0.0054	U	0.0054	0.0019	mg/Kg	☼	10/08/25 14:38	10/08/25 22:08	1
4-Methyl-2-pentanone (MIBK)	0.0054	U	0.0054	0.0017	mg/Kg	☼	10/08/25 14:38	10/08/25 22:08	1
Acetone	**0.12**		0.0065	0.0062	mg/Kg	☼	10/08/25 14:38	10/08/25 22:08	1
Benzene	0.0011	U	0.0011	0.00062	mg/Kg	☼	10/08/25 14:38	10/08/25 22:08	1
Bromoform	0.0011	U	0.0011	0.00046	mg/Kg	☼	10/08/25 14:38	10/08/25 22:08	1
Bromomethane	0.0022	U *	0.0022	0.0011	mg/Kg	☼	10/08/25 14:38	10/08/25 22:08	1
Carbon disulfide	0.0011	U	0.0011	0.00029	mg/Kg	☼	10/08/25 14:38	10/08/25 22:08	1
Carbon tetrachloride	0.0011	U	0.0011	0.00042	mg/Kg	☼	10/08/25 14:38	10/08/25 22:08	1
Chlorobenzene	0.0011	U	0.0011	0.00055	mg/Kg	☼	10/08/25 14:38	10/08/25 22:08	1
Chlorobromomethane	0.0011	U	0.0011	0.00065	mg/Kg	☼	10/08/25 14:38	10/08/25 22:08	1
Chlorodibromomethane	0.0011	U	0.0011	0.00058	mg/Kg	☼	10/08/25 14:38	10/08/25 22:08	1
Chloroethane	0.0011	U	0.0011	0.00057	mg/Kg	☼	10/08/25 14:38	10/08/25 22:08	1
Chloroform	0.0011	U	0.0011	0.0011	mg/Kg	☼	10/08/25 14:38	10/08/25 22:08	1
Chloromethane	0.0011	U	0.0011	0.00047	mg/Kg	☼	10/08/25 14:38	10/08/25 22:08	1
cis-1,2-Dichloroethene	0.0011	U	0.0011	0.00039	mg/Kg	☼	10/08/25 14:38	10/08/25 22:08	1
cis-1,3-Dichloropropene	0.0011	U	0.0011	0.00030	mg/Kg	☼	10/08/25 14:38	10/08/25 22:08	1
Cyclohexane	0.0011	U	0.0011	0.00024	mg/Kg	☼	10/08/25 14:38	10/08/25 22:08	1
Dichlorobromomethane	0.0011	U	0.0011	0.00028	mg/Kg	☼	10/08/25 14:38	10/08/25 22:08	1
Dichlorodifluoromethane	0.0011	U	0.0011	0.00037	mg/Kg	☼	10/08/25 14:38	10/08/25 22:08	1
Ethylbenzene	0.0011	U	0.0011	0.00051	mg/Kg	☼	10/08/25 14:38	10/08/25 22:08	1
Ethylene Dibromide	0.0011	U	0.0011	0.00055	mg/Kg	☼	10/08/25 14:38	10/08/25 22:08	1
Isopropylbenzene	0.0011	U	0.0011	0.00031	mg/Kg	☼	10/08/25 14:38	10/08/25 22:08	1
Methyl acetate	0.0054	U	0.0054	0.0047	mg/Kg	☼	10/08/25 14:38	10/08/25 22:08	1
Methyl tert-butyl ether	0.0011	U	0.0011	0.00056	mg/Kg	☼	10/08/25 14:38	10/08/25 22:08	1
Methylcyclohexane	0.0011	U	0.0011	0.00054	mg/Kg	☼	10/08/25 14:38	10/08/25 22:08	1
Methylene Chloride	0.0022	U	0.0022	0.0012	mg/Kg	☼	10/08/25 14:38	10/08/25 22:08	1
m-Xylene & p-Xylene	0.0011	U	0.0011	0.00046	mg/Kg	☼	10/08/25 14:38	10/08/25 22:08	1
n-Butylbenzene	0.0011	U	0.0011	0.00032	mg/Kg	☼	10/08/25 14:38	10/08/25 22:08	1
N-Propylbenzene	0.0011	U	0.0011	0.00049	mg/Kg	☼	10/08/25 14:38	10/08/25 22:08	1
o-Xylene	0.0011	U	0.0011	0.00050	mg/Kg	☼	10/08/25 14:38	10/08/25 22:08	1
sec-Butylbenzene	0.0011	U	0.0011	0.00031	mg/Kg	☼	10/08/25 14:38	10/08/25 22:08	1
Styrene	0.0011	U	0.0011	0.00030	mg/Kg	☼	10/08/25 14:38	10/08/25 22:08	1

Client Sample ID: 48C1_0-1

Lab Sample ID: 460-336556-27

Date Collected: 10/06/25 10:10

Matrix: Solid

Date Received: 10/06/25 15:30

Percent Solids: 95.3

Method: SW846 8260D - Volatile Organic Compounds by GC/MS (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
tert-Butylbenzene	0.0011	U	0.0011	0.00030	mg/Kg	☼	10/08/25 14:38	10/08/25 22:08	1
Tetrachloroethene	0.0011	U	0.0011	0.00033	mg/Kg	☼	10/08/25 14:38	10/08/25 22:08	1
Toluene	0.0011	U	0.0011	0.00025	mg/Kg	☼	10/08/25 14:38	10/08/25 22:08	1
trans-1,2-Dichloroethene	0.0011	U	0.0011	0.00027	mg/Kg	☼	10/08/25 14:38	10/08/25 22:08	1
trans-1,3-Dichloropropene	0.0011	U	0.0011	0.00029	mg/Kg	☼	10/08/25 14:38	10/08/25 22:08	1
Trichloroethene	0.0011	U	0.0011	0.00035	mg/Kg	☼	10/08/25 14:38	10/08/25 22:08	1
Trichlorofluoromethane	0.0011	U	0.0011	0.00044	mg/Kg	☼	10/08/25 14:38	10/08/25 22:08	1
Vinyl chloride	0.0011	U	0.0011	0.00059	mg/Kg	☼	10/08/25 14:38	10/08/25 22:08	1
Xylenes, Total	0.0022	U	0.0022	0.00019	mg/Kg	☼	10/08/25 14:38	10/08/25 22:08	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,2-Dichloroethane-d4 (Surr)	*110*		*65 - 138*	*10/08/25 14:38*	*10/08/25 22:08*	*1*
4-Bromofluorobenzene	*97*		*71 - 128*	*10/08/25 14:38*	*10/08/25 22:08*	*1*
Dibromofluoromethane (Surr)	*115*		*50 - 150*	*10/08/25 14:38*	*10/08/25 22:08*	*1*
Toluene-d8 (Surr)	*94*		*71 - 126*	*10/08/25 14:38*	*10/08/25 22:08*	*1*

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Percent Moisture (EPA Moisture)	**4.7**		1.0	1.0	%			10/09/25 11:12	1
Percent Solids (EPA Moisture)	**95.3**		1.0	1.0	%			10/09/25 11:12	1

Client Sample ID: 48C2_1-2

Lab Sample ID: 460-336556-28

Date Collected: 10/06/25 10:15

Matrix: Solid

Date Received: 10/06/25 15:30

Percent Solids: 92.2

Method: SW846 8260D - Volatile Organic Compounds by GC/MS

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1-Trichloroethane	0.00099	U	0.00099	0.00023	mg/Kg	☼	10/08/25 14:38	10/08/25 22:31	1
1,1,2,2-Tetrachloroethane	0.00099	U	0.00099	0.00052	mg/Kg	☼	10/08/25 14:38	10/08/25 22:31	1
1,1,2-Trichloro-1,2,2-trifluoroethane	0.00099	U	0.00099	0.00030	mg/Kg	☼	10/08/25 14:38	10/08/25 22:31	1
1,1,2-Trichloroethane	0.00099	U	0.00099	0.00060	mg/Kg	☼	10/08/25 14:38	10/08/25 22:31	1
1,1-Dichloroethane	0.00099	U	0.00099	0.00059	mg/Kg	☼	10/08/25 14:38	10/08/25 22:31	1
1,1-Dichloroethene	0.00099	U	0.00099	0.00022	mg/Kg	☼	10/08/25 14:38	10/08/25 22:31	1
1,2,3-Trichlorobenzene	0.00099	U	0.00099	0.00073	mg/Kg	☼	10/08/25 14:38	10/08/25 22:31	1
1,2,4-Trichlorobenzene	0.00099	U	0.00099	0.00036	mg/Kg	☼	10/08/25 14:38	10/08/25 22:31	1
1,2,4-Trimethylbenzene	0.00099	U	0.00099	0.00024	mg/Kg	☼	10/08/25 14:38	10/08/25 22:31	1
1,2-Dibromo-3-Chloropropane	0.00099	U	0.00099	0.00046	mg/Kg	☼	10/08/25 14:38	10/08/25 22:31	1
1,2-Dichlorobenzene	0.00099	U	0.00099	0.00036	mg/Kg	☼	10/08/25 14:38	10/08/25 22:31	1
1,2-Dichloroethane	0.00099	U	0.00099	0.00029	mg/Kg	☼	10/08/25 14:38	10/08/25 22:31	1
1,2-Dichloropropane	0.00099	U	0.00099	0.00042	mg/Kg	☼	10/08/25 14:38	10/08/25 22:31	1
1,3,5-Trimethylbenzene	0.00099	U	0.00099	0.00031	mg/Kg	☼	10/08/25 14:38	10/08/25 22:31	1
1,3-Dichlorobenzene	0.00099	U	0.00099	0.00036	mg/Kg	☼	10/08/25 14:38	10/08/25 22:31	1
1,4-Dichlorobenzene	0.00099	U	0.00099	0.00052	mg/Kg	☼	10/08/25 14:38	10/08/25 22:31	1
2-Butanone (MEK)	0.0050	U	0.0050	0.00037	mg/Kg	☼	10/08/25 14:38	10/08/25 22:31	1
2-Hexanone	0.0050	U	0.0050	0.0017	mg/Kg	☼	10/08/25 14:38	10/08/25 22:31	1
4-Methyl-2-pentanone (MIBK)	0.0050	U	0.0050	0.0015	mg/Kg	☼	10/08/25 14:38	10/08/25 22:31	1
Acetone	0.0060	U	0.0060	0.0057	mg/Kg	☼	10/08/25 14:38	10/08/25 22:31	1
Benzene	0.00099	U	0.00099	0.00056	mg/Kg	☼	10/08/25 14:38	10/08/25 22:31	1
Bromoform	0.00099	U	0.00099	0.00042	mg/Kg	☼	10/08/25 14:38	10/08/25 22:31	1
Bromomethane	0.0020	U *	0.0020	0.00099	mg/Kg	☼	10/08/25 14:38	10/08/25 22:31	1

Client: Haley & Aldrich, Inc.
Project/Site: Former Port Mobil

Job ID: 460-336556-1

Client Sample ID: 48C2_1-2
Date Collected: 10/06/25 10:15
Date Received: 10/06/25 15:30

Lab Sample ID: 460-336556-28
Matrix: Solid
Percent Solids: 92.2

Method: SW846 8260D - Volatile Organic Compounds by GC/MS (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Carbon disulfide	0.00099	U	0.00099	0.00026	mg/Kg	☼	10/08/25 14:38	10/08/25 22:31	1
Carbon tetrachloride	0.00099	U	0.00099	0.00038	mg/Kg	☼	10/08/25 14:38	10/08/25 22:31	1
Chlorobenzene	0.00099	U	0.00099	0.00050	mg/Kg	☼	10/08/25 14:38	10/08/25 22:31	1
Chlorobromomethane	0.00099	U	0.00099	0.00059	mg/Kg	☼	10/08/25 14:38	10/08/25 22:31	1
Chlorodibromomethane	0.00099	U	0.00099	0.00053	mg/Kg	☼	10/08/25 14:38	10/08/25 22:31	1
Chloroethane	0.00099	U	0.00099	0.00052	mg/Kg	☼	10/08/25 14:38	10/08/25 22:31	1
Chloroform	0.00099	U	0.00099	0.00097	mg/Kg	☼	10/08/25 14:38	10/08/25 22:31	1
Chloromethane	0.00099	U	0.00099	0.00043	mg/Kg	☼	10/08/25 14:38	10/08/25 22:31	1
cis-1,2-Dichloroethene	0.00099	U	0.00099	0.00036	mg/Kg	☼	10/08/25 14:38	10/08/25 22:31	1
cis-1,3-Dichloropropene	0.00099	U	0.00099	0.00027	mg/Kg	☼	10/08/25 14:38	10/08/25 22:31	1
Cyclohexane	0.00099	U	0.00099	0.00022	mg/Kg	☼	10/08/25 14:38	10/08/25 22:31	1
Dichlorobromomethane	0.00099	U	0.00099	0.00026	mg/Kg	☼	10/08/25 14:38	10/08/25 22:31	1
Dichlorodifluoromethane	0.00099	U	0.00099	0.00034	mg/Kg	☼	10/08/25 14:38	10/08/25 22:31	1
Ethylbenzene	0.00099	U	0.00099	0.00047	mg/Kg	☼	10/08/25 14:38	10/08/25 22:31	1
Ethylene Dibromide	0.00099	U	0.00099	0.00050	mg/Kg	☼	10/08/25 14:38	10/08/25 22:31	1
Isopropylbenzene	0.00099	U	0.00099	0.00028	mg/Kg	☼	10/08/25 14:38	10/08/25 22:31	1
Methyl acetate	0.0050	U	0.0050	0.0043	mg/Kg	☼	10/08/25 14:38	10/08/25 22:31	1
Methyl tert-butyl ether	0.00099	U	0.00099	0.00051	mg/Kg	☼	10/08/25 14:38	10/08/25 22:31	1
Methylcyclohexane	0.00099	U	0.00099	0.00050	mg/Kg	☼	10/08/25 14:38	10/08/25 22:31	1
Methylene Chloride	0.0020	U	0.0020	0.0011	mg/Kg	☼	10/08/25 14:38	10/08/25 22:31	1
m-Xylene & p-Xylene	0.00099	U	0.00099	0.00042	mg/Kg	☼	10/08/25 14:38	10/08/25 22:31	1
n-Butylbenzene	0.00099	U	0.00099	0.00029	mg/Kg	☼	10/08/25 14:38	10/08/25 22:31	1
N-Propylbenzene	0.00099	U	0.00099	0.00045	mg/Kg	☼	10/08/25 14:38	10/08/25 22:31	1
o-Xylene	0.00099	U	0.00099	0.00046	mg/Kg	☼	10/08/25 14:38	10/08/25 22:31	1
sec-Butylbenzene	0.00099	U	0.00099	0.00029	mg/Kg	☼	10/08/25 14:38	10/08/25 22:31	1
Styrene	0.00099	U	0.00099	0.00028	mg/Kg	☼	10/08/25 14:38	10/08/25 22:31	1
tert-Butylbenzene	0.00099	U	0.00099	0.00027	mg/Kg	☼	10/08/25 14:38	10/08/25 22:31	1
Tetrachloroethene	0.00099	U	0.00099	0.00030	mg/Kg	☼	10/08/25 14:38	10/08/25 22:31	1
Toluene	0.00099	U	0.00099	0.00023	mg/Kg	☼	10/08/25 14:38	10/08/25 22:31	1
trans-1,2-Dichloroethene	0.00099	U	0.00099	0.00024	mg/Kg	☼	10/08/25 14:38	10/08/25 22:31	1
trans-1,3-Dichloropropene	0.00099	U	0.00099	0.00026	mg/Kg	☼	10/08/25 14:38	10/08/25 22:31	1
Trichloroethene	0.00099	U	0.00099	0.00032	mg/Kg	☼	10/08/25 14:38	10/08/25 22:31	1
Trichlorofluoromethane	0.00099	U	0.00099	0.00040	mg/Kg	☼	10/08/25 14:38	10/08/25 22:31	1
Vinyl chloride	0.00099	U	0.00099	0.00054	mg/Kg	☼	10/08/25 14:38	10/08/25 22:31	1
Xylenes, Total	0.0020	U	0.0020	0.00017	mg/Kg	☼	10/08/25 14:38	10/08/25 22:31	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,2-Dichloroethane-d4 (Surr)	*115*		*65 - 138*	*10/08/25 14:38*	*10/08/25 22:31*	*1*
4-Bromofluorobenzene	*103*		*71 - 128*	*10/08/25 14:38*	*10/08/25 22:31*	*1*
Dibromofluoromethane (Surr)	*122*		*50 - 150*	*10/08/25 14:38*	*10/08/25 22:31*	*1*
Toluene-d8 (Surr)	*96*		*71 - 126*	*10/08/25 14:38*	*10/08/25 22:31*	*1*

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Percent Moisture (EPA Moisture)	7.8		1.0	1.0	%			10/09/25 11:12	1
Percent Solids (EPA Moisture)	92.2		1.0	1.0	%			10/09/25 11:12	1

Client Sample ID: 48C3_2-3
Date Collected: 10/06/25 10:20
Date Received: 10/06/25 15:30

Lab Sample ID: 460-336556-29
Matrix: Solid
Percent Solids: 94.3

Method: SW846 8260D - Volatile Organic Compounds by GC/MS

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1-Trichloroethane	0.00099	U	0.00099	0.00023	mg/Kg	☼	10/08/25 14:39	10/09/25 01:35	1
1,1,2,2-Tetrachloroethane	0.00099	U	0.00099	0.00052	mg/Kg	☼	10/08/25 14:39	10/09/25 01:35	1
1,1,2-Trichloro-1,2,2-trifluoroethane	0.00099	U	0.00099	0.00030	mg/Kg	☼	10/08/25 14:39	10/09/25 01:35	1
1,1,2-Trichloroethane	0.00099	U	0.00099	0.00059	mg/Kg	☼	10/08/25 14:39	10/09/25 01:35	1
1,1-Dichloroethane	0.00099	U	0.00099	0.00059	mg/Kg	☼	10/08/25 14:39	10/09/25 01:35	1
1,1-Dichloroethene	0.00099	U	0.00099	0.00022	mg/Kg	☼	10/08/25 14:39	10/09/25 01:35	1
1,2,3-Trichlorobenzene	0.00099	U	0.00099	0.00073	mg/Kg	☼	10/08/25 14:39	10/09/25 01:35	1
1,2,4-Trichlorobenzene	0.00099	U	0.00099	0.00035	mg/Kg	☼	10/08/25 14:39	10/09/25 01:35	1
1,2,4-Trimethylbenzene	0.00099	U	0.00099	0.00024	mg/Kg	☼	10/08/25 14:39	10/09/25 01:35	1
1,2-Dibromo-3-Chloropropane	0.00099	U	0.00099	0.00045	mg/Kg	☼	10/08/25 14:39	10/09/25 01:35	1
1,2-Dichlorobenzene	0.00099	U	0.00099	0.00036	mg/Kg	☼	10/08/25 14:39	10/09/25 01:35	1
1,2-Dichloroethane	0.00099	U	0.00099	0.00029	mg/Kg	☼	10/08/25 14:39	10/09/25 01:35	1
1,2-Dichloropropane	0.00099	U	0.00099	0.00042	mg/Kg	☼	10/08/25 14:39	10/09/25 01:35	1
1,3,5-Trimethylbenzene	0.00099	U	0.00099	0.00031	mg/Kg	☼	10/08/25 14:39	10/09/25 01:35	1
1,3-Dichlorobenzene	0.00099	U	0.00099	0.00036	mg/Kg	☼	10/08/25 14:39	10/09/25 01:35	1
1,4-Dichlorobenzene	0.00099	U	0.00099	0.00051	mg/Kg	☼	10/08/25 14:39	10/09/25 01:35	1
2-Butanone (MEK)	0.0049	U	0.0049	0.00036	mg/Kg	☼	10/08/25 14:39	10/09/25 01:35	1
2-Hexanone	0.0049	U	0.0049	0.0017	mg/Kg	☼	10/08/25 14:39	10/09/25 01:35	1
4-Methyl-2-pentanone (MIBK)	0.0049	U	0.0049	0.0015	mg/Kg	☼	10/08/25 14:39	10/09/25 01:35	1
Acetone	0.0059	U	0.0059	0.0056	mg/Kg	☼	10/08/25 14:39	10/09/25 01:35	1
Benzene	0.00099	U	0.00099	0.00056	mg/Kg	☼	10/08/25 14:39	10/09/25 01:35	1
Bromoform	0.00099	U	0.00099	0.00042	mg/Kg	☼	10/08/25 14:39	10/09/25 01:35	1
Bromomethane	0.0020	U *	0.0020	0.00099	mg/Kg	☼	10/08/25 14:39	10/09/25 01:35	1
Carbon disulfide	0.00099	U	0.00099	0.00026	mg/Kg	☼	10/08/25 14:39	10/09/25 01:35	1
Carbon tetrachloride	0.00099	U	0.00099	0.00038	mg/Kg	☼	10/08/25 14:39	10/09/25 01:35	1
Chlorobenzene	0.00099	U	0.00099	0.00050	mg/Kg	☼	10/08/25 14:39	10/09/25 01:35	1
Chlorobromomethane	0.00099	U	0.00099	0.00059	mg/Kg	☼	10/08/25 14:39	10/09/25 01:35	1
Chlorodibromomethane	0.00099	U	0.00099	0.00053	mg/Kg	☼	10/08/25 14:39	10/09/25 01:35	1
Chloroethane	0.00099	U	0.00099	0.00052	mg/Kg	☼	10/08/25 14:39	10/09/25 01:35	1
Chloroform	0.00099	U	0.00099	0.00096	mg/Kg	☼	10/08/25 14:39	10/09/25 01:35	1
Chloromethane	0.00099	U	0.00099	0.00043	mg/Kg	☼	10/08/25 14:39	10/09/25 01:35	1
cis-1,2-Dichloroethene	0.00099	U	0.00099	0.00035	mg/Kg	☼	10/08/25 14:39	10/09/25 01:35	1
cis-1,3-Dichloropropene	0.00099	U	0.00099	0.00027	mg/Kg	☼	10/08/25 14:39	10/09/25 01:35	1
Cyclohexane	0.00099	U	0.00099	0.00022	mg/Kg	☼	10/08/25 14:39	10/09/25 01:35	1
Dichlorobromomethane	0.00099	U	0.00099	0.00025	mg/Kg	☼	10/08/25 14:39	10/09/25 01:35	1
Dichlorodifluoromethane	0.00099	U	0.00099	0.00033	mg/Kg	☼	10/08/25 14:39	10/09/25 01:35	1
Ethylbenzene	0.00099	U	0.00099	0.00046	mg/Kg	☼	10/08/25 14:39	10/09/25 01:35	1
Ethylene Dibromide	0.00099	U	0.00099	0.00050	mg/Kg	☼	10/08/25 14:39	10/09/25 01:35	1
Isopropylbenzene	0.00099	U	0.00099	0.00028	mg/Kg	☼	10/08/25 14:39	10/09/25 01:35	1
Methyl acetate	0.0049	U	0.0049	0.0042	mg/Kg	☼	10/08/25 14:39	10/09/25 01:35	1
Methyl tert-butyl ether	0.00099	U	0.00099	0.00051	mg/Kg	☼	10/08/25 14:39	10/09/25 01:35	1
Methylcyclohexane	0.00099	U	0.00099	0.00049	mg/Kg	☼	10/08/25 14:39	10/09/25 01:35	1
Methylene Chloride	0.0020	U	0.0020	0.0011	mg/Kg	☼	10/08/25 14:39	10/09/25 01:35	1
m-Xylene & p-Xylene	0.00099	U	0.00099	0.00042	mg/Kg	☼	10/08/25 14:39	10/09/25 01:35	1
n-Butylbenzene	0.00099	U	0.00099	0.00029	mg/Kg	☼	10/08/25 14:39	10/09/25 01:35	1
N-Propylbenzene	0.00099	U	0.00099	0.00044	mg/Kg	☼	10/08/25 14:39	10/09/25 01:35	1
o-Xylene	0.00099	U	0.00099	0.00046	mg/Kg	☼	10/08/25 14:39	10/09/25 01:35	1
sec-Butylbenzene	0.00099	U	0.00099	0.00028	mg/Kg	☼	10/08/25 14:39	10/09/25 01:35	1
Styrene	0.00099	U	0.00099	0.00027	mg/Kg	☼	10/08/25 14:39	10/09/25 01:35	1

Client Sample ID: 48C3_2-3

Lab Sample ID: 460-336556-29
Date Collected: 10/06/25 10:20
Matrix: Solid
Date Received: 10/06/25 15:30
Percent Solids: 94.3

Method: SW846 8260D - Volatile Organic Compounds by GC/MS (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
tert-Butylbenzene	0.00099	U	0.00099	0.00027	mg/Kg	☼	10/08/25 14:39	10/09/25 01:35	1
Tetrachloroethene	0.00099	U	0.00099	0.00030	mg/Kg	☼	10/08/25 14:39	10/09/25 01:35	1
Toluene	0.00099	U	0.00099	0.00023	mg/Kg	☼	10/08/25 14:39	10/09/25 01:35	1
trans-1,2-Dichloroethene	0.00099	U	0.00099	0.00024	mg/Kg	☼	10/08/25 14:39	10/09/25 01:35	1
trans-1,3-Dichloropropene	0.00099	U	0.00099	0.00026	mg/Kg	☼	10/08/25 14:39	10/09/25 01:35	1
Trichloroethene	0.00099	U	0.00099	0.00032	mg/Kg	☼	10/08/25 14:39	10/09/25 01:35	1
Trichlorofluoromethane	0.00099	U	0.00099	0.00040	mg/Kg	☼	10/08/25 14:39	10/09/25 01:35	1
Vinyl chloride	0.00099	U	0.00099	0.00054	mg/Kg	☼	10/08/25 14:39	10/09/25 01:35	1
Xylenes, Total	0.0020	U	0.0020	0.00017	mg/Kg	☼	10/08/25 14:39	10/09/25 01:35	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,2-Dichloroethane-d4 (Surr)	*113*		*65 - 138*	*10/08/25 14:39*	*10/09/25 01:35*	*1*
4-Bromofluorobenzene	*103*		*71 - 128*	*10/08/25 14:39*	*10/09/25 01:35*	*1*
Dibromofluoromethane (Surr)	*117*		*50 - 150*	*10/08/25 14:39*	*10/09/25 01:35*	*1*
Toluene-d8 (Surr)	*96*		*71 - 126*	*10/08/25 14:39*	*10/09/25 01:35*	*1*

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Percent Moisture (EPA Moisture)	**5.7**		1.0	1.0	%			10/09/25 11:12	1
Percent Solids (EPA Moisture)	**94.3**		1.0	1.0	%			10/09/25 11:12	1

Client Sample ID: 48C1_3-4

Lab Sample ID: 460-336556-30
Date Collected: 10/06/25 10:25
Matrix: Solid
Date Received: 10/06/25 15:30
Percent Solids: 95.2

Method: SW846 8260D - Volatile Organic Compounds by GC/MS

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1-Trichloroethane	0.0012	U	0.0012	0.00027	mg/Kg	☼	10/08/25 14:39	10/09/25 01:58	1
1,1,2,2-Tetrachloroethane	0.0012	U	0.0012	0.00061	mg/Kg	☼	10/08/25 14:39	10/09/25 01:58	1
1,1,2-Trichloro-1,2,2-trifluoroethane	0.0012	U	0.0012	0.00035	mg/Kg	☼	10/08/25 14:39	10/09/25 01:58	1
1,1,2-Trichloroethane	0.0012	U	0.0012	0.00070	mg/Kg	☼	10/08/25 14:39	10/09/25 01:58	1
1,1-Dichloroethane	0.0012	U	0.0012	0.00070	mg/Kg	☼	10/08/25 14:39	10/09/25 01:58	1
1,1-Dichloroethene	0.0012	U	0.0012	0.00026	mg/Kg	☼	10/08/25 14:39	10/09/25 01:58	1
1,2,3-Trichlorobenzene	0.0012	U	0.0012	0.00086	mg/Kg	☼	10/08/25 14:39	10/09/25 01:58	1
1,2,4-Trichlorobenzene	0.0012	U	0.0012	0.00042	mg/Kg	☼	10/08/25 14:39	10/09/25 01:58	1
1,2,4-Trimethylbenzene	0.0012	U	0.0012	0.00029	mg/Kg	☼	10/08/25 14:39	10/09/25 01:58	1
1,2-Dibromo-3-Chloropropane	0.0012	U	0.0012	0.00054	mg/Kg	☼	10/08/25 14:39	10/09/25 01:58	1
1,2-Dichlorobenzene	0.0012	U	0.0012	0.00042	mg/Kg	☼	10/08/25 14:39	10/09/25 01:58	1
1,2-Dichloroethane	0.0012	U	0.0012	0.00034	mg/Kg	☼	10/08/25 14:39	10/09/25 01:58	1
1,2-Dichloropropane	0.0012	U	0.0012	0.00049	mg/Kg	☼	10/08/25 14:39	10/09/25 01:58	1
1,3,5-Trimethylbenzene	0.0012	U	0.0012	0.00037	mg/Kg	☼	10/08/25 14:39	10/09/25 01:58	1
1,3-Dichlorobenzene	0.0012	U	0.0012	0.00043	mg/Kg	☼	10/08/25 14:39	10/09/25 01:58	1
1,4-Dichlorobenzene	0.0012	U	0.0012	0.00060	mg/Kg	☼	10/08/25 14:39	10/09/25 01:58	1
2-Butanone (MEK)	0.0058	U	0.0058	0.00043	mg/Kg	☼	10/08/25 14:39	10/09/25 01:58	1
2-Hexanone	0.0058	U	0.0058	0.0020	mg/Kg	☼	10/08/25 14:39	10/09/25 01:58	1
4-Methyl-2-pentanone (MIBK)	0.0058	U	0.0058	0.0018	mg/Kg	☼	10/08/25 14:39	10/09/25 01:58	1
Acetone	**0.061**		0.0070	0.0067	mg/Kg	☼	10/08/25 14:39	10/09/25 01:58	1
Benzene	0.0012	U	0.0012	0.00066	mg/Kg	☼	10/08/25 14:39	10/09/25 01:58	1
Bromoform	0.0012	U	0.0012	0.00050	mg/Kg	☼	10/08/25 14:39	10/09/25 01:58	1
Bromomethane	0.0023	U *	0.0023	0.0012	mg/Kg	☼	10/08/25 14:39	10/09/25 01:58	1

Client Sample ID: 48C1_3-4
Date Collected: 10/06/25 10:25
Date Received: 10/06/25 15:30

Lab Sample ID: 460-336556-30
Matrix: Solid
Percent Solids: 95.2

Method: SW846 8260D - Volatile Organic Compounds by GC/MS (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Carbon disulfide	0.0012	U	0.0012	0.00031	mg/Kg	☼	10/08/25 14:39	10/09/25 01:58	1
Carbon tetrachloride	0.0012	U	0.0012	0.00045	mg/Kg	☼	10/08/25 14:39	10/09/25 01:58	1
Chlorobenzene	0.0012	U	0.0012	0.00059	mg/Kg	☼	10/08/25 14:39	10/09/25 01:58	1
Chlorobromomethane	0.0012	U	0.0012	0.00069	mg/Kg	☼	10/08/25 14:39	10/09/25 01:58	1
Chlorodibromomethane	0.0012	U	0.0012	0.00063	mg/Kg	☼	10/08/25 14:39	10/09/25 01:58	1
Chloroethane	0.0012	U	0.0012	0.00061	mg/Kg	☼	10/08/25 14:39	10/09/25 01:58	1
Chloroform	0.0012	U	0.0012	0.0011	mg/Kg	☼	10/08/25 14:39	10/09/25 01:58	1
Chloromethane	0.0012	U	0.0012	0.00051	mg/Kg	☼	10/08/25 14:39	10/09/25 01:58	1
cis-1,2-Dichloroethene	0.0012	U	0.0012	0.00042	mg/Kg	☼	10/08/25 14:39	10/09/25 01:58	1
cis-1,3-Dichloropropene	0.0012	U	0.0012	0.00032	mg/Kg	☼	10/08/25 14:39	10/09/25 01:58	1
Cyclohexane	0.0012	U	0.0012	0.00026	mg/Kg	☼	10/08/25 14:39	10/09/25 01:58	1
Dichlorobromomethane	0.0012	U	0.0012	0.00030	mg/Kg	☼	10/08/25 14:39	10/09/25 01:58	1
Dichlorodifluoromethane	0.0012	U	0.0012	0.00039	mg/Kg	☼	10/08/25 14:39	10/09/25 01:58	1
Ethylbenzene	0.0012	U	0.0012	0.00055	mg/Kg	☼	10/08/25 14:39	10/09/25 01:58	1
Ethylene Dibromide	0.0012	U	0.0012	0.00059	mg/Kg	☼	10/08/25 14:39	10/09/25 01:58	1
Isopropylbenzene	0.0012	U	0.0012	0.00033	mg/Kg	☼	10/08/25 14:39	10/09/25 01:58	1
Methyl acetate	0.0058	U	0.0058	0.0050	mg/Kg	☼	10/08/25 14:39	10/09/25 01:58	1
Methyl tert-butyl ether	0.0012	U	0.0012	0.00060	mg/Kg	☼	10/08/25 14:39	10/09/25 01:58	1
Methylcyclohexane	0.0012	U	0.0012	0.00058	mg/Kg	☼	10/08/25 14:39	10/09/25 01:58	1
Methylene Chloride	0.0023	U	0.0023	0.0013	mg/Kg	☼	10/08/25 14:39	10/09/25 01:58	1
m-Xylene & p-Xylene	0.0012	U	0.0012	0.00049	mg/Kg	☼	10/08/25 14:39	10/09/25 01:58	1
n-Butylbenzene	0.0012	U	0.0012	0.00034	mg/Kg	☼	10/08/25 14:39	10/09/25 01:58	1
N-Propylbenzene	0.0012	U	0.0012	0.00052	mg/Kg	☼	10/08/25 14:39	10/09/25 01:58	1
o-Xylene	0.0012	U	0.0012	0.00054	mg/Kg	☼	10/08/25 14:39	10/09/25 01:58	1
sec-Butylbenzene	0.0012	U	0.0012	0.00034	mg/Kg	☼	10/08/25 14:39	10/09/25 01:58	1
Styrene	0.0012	U	0.0012	0.00032	mg/Kg	☼	10/08/25 14:39	10/09/25 01:58	1
tert-Butylbenzene	0.0012	U	0.0012	0.00032	mg/Kg	☼	10/08/25 14:39	10/09/25 01:58	1
Tetrachloroethene	0.0012	U	0.0012	0.00036	mg/Kg	☼	10/08/25 14:39	10/09/25 01:58	1
Toluene	0.0012	U	0.0012	0.00027	mg/Kg	☼	10/08/25 14:39	10/09/25 01:58	1
trans-1,2-Dichloroethene	0.0012	U	0.0012	0.00029	mg/Kg	☼	10/08/25 14:39	10/09/25 01:58	1
trans-1,3-Dichloropropene	0.0012	U	0.0012	0.00031	mg/Kg	☼	10/08/25 14:39	10/09/25 01:58	1
Trichloroethene	0.0012	U	0.0012	0.00037	mg/Kg	☼	10/08/25 14:39	10/09/25 01:58	1
Trichlorofluoromethane	0.0012	U	0.0012	0.00047	mg/Kg	☼	10/08/25 14:39	10/09/25 01:58	1
Vinyl chloride	0.0012	U	0.0012	0.00064	mg/Kg	☼	10/08/25 14:39	10/09/25 01:58	1
Xylenes, Total	0.0023	U	0.0023	0.00020	mg/Kg	☼	10/08/25 14:39	10/09/25 01:58	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,2-Dichloroethane-d4 (Surr)	*113*		*65 - 138*	*10/08/25 14:39*	*10/09/25 01:58*	*1*
4-Bromofluorobenzene	*105*		*71 - 128*	*10/08/25 14:39*	*10/09/25 01:58*	*1*
Dibromofluoromethane (Surr)	*119*		*50 - 150*	*10/08/25 14:39*	*10/09/25 01:58*	*1*
Toluene-d8 (Surr)	*96*		*71 - 126*	*10/08/25 14:39*	*10/09/25 01:58*	*1*

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Percent Moisture (EPA Moisture)	**4.8**		1.0	1.0	%			10/09/25 11:12	1
Percent Solids (EPA Moisture)	**95.2**		1.0	1.0	%			10/09/25 11:12	1

Client Sample ID: 48C2_4-5
Date Collected: 10/06/25 10:30
Date Received: 10/06/25 15:30

Lab Sample ID: 460-336556-31
Matrix: Solid
Percent Solids: 93.2

Method: SW846 8260D - Volatile Organic Compounds by GC/MS

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1-Trichloroethane	0.0012	U	0.0012	0.00028	mg/Kg	☼	10/08/25 14:39	10/09/25 02:21	1
1,1,2,2-Tetrachloroethane	0.0012	U	0.0012	0.00063	mg/Kg	☼	10/08/25 14:39	10/09/25 02:21	1
1,1,2-Trichloro-1,2,2-trifluoroethane	0.0012	U	0.0012	0.00036	mg/Kg	☼	10/08/25 14:39	10/09/25 02:21	1
1,1,2-Trichloroethane	0.0012	U	0.0012	0.00072	mg/Kg	☼	10/08/25 14:39	10/09/25 02:21	1
1,1-Dichloroethane	0.0012	U	0.0012	0.00072	mg/Kg	☼	10/08/25 14:39	10/09/25 02:21	1
1,1-Dichloroethene	0.0012	U	0.0012	0.00027	mg/Kg	☼	10/08/25 14:39	10/09/25 02:21	1
1,2,3-Trichlorobenzene	0.0012	U	0.0012	0.00089	mg/Kg	☼	10/08/25 14:39	10/09/25 02:21	1
1,2,4-Trichlorobenzene	0.0012	U	0.0012	0.00043	mg/Kg	☼	10/08/25 14:39	10/09/25 02:21	1
1,2,4-Trimethylbenzene	0.0012	U	0.0012	0.00030	mg/Kg	☼	10/08/25 14:39	10/09/25 02:21	1
1,2-Dibromo-3-Chloropropane	0.0012	U	0.0012	0.00055	mg/Kg	☼	10/08/25 14:39	10/09/25 02:21	1
1,2-Dichlorobenzene	0.0012	U	0.0012	0.00044	mg/Kg	☼	10/08/25 14:39	10/09/25 02:21	1
1,2-Dichloroethane	0.0012	U	0.0012	0.00036	mg/Kg	☼	10/08/25 14:39	10/09/25 02:21	1
1,2-Dichloropropane	0.0012	U	0.0012	0.00051	mg/Kg	☼	10/08/25 14:39	10/09/25 02:21	1
1,3,5-Trimethylbenzene	0.0012	U	0.0012	0.00038	mg/Kg	☼	10/08/25 14:39	10/09/25 02:21	1
1,3-Dichlorobenzene	0.0012	U	0.0012	0.00044	mg/Kg	☼	10/08/25 14:39	10/09/25 02:21	1
1,4-Dichlorobenzene	0.0012	U	0.0012	0.00063	mg/Kg	☼	10/08/25 14:39	10/09/25 02:21	1
2-Butanone (MEK)	0.0060	U	0.0060	0.00044	mg/Kg	☼	10/08/25 14:39	10/09/25 02:21	1
2-Hexanone	0.0060	U	0.0060	0.0021	mg/Kg	☼	10/08/25 14:39	10/09/25 02:21	1
4-Methyl-2-pentanone (MIBK)	0.0060	U	0.0060	0.0019	mg/Kg	☼	10/08/25 14:39	10/09/25 02:21	1
Acetone	**0.17**		0.0072	0.0069	mg/Kg	☼	10/08/25 14:39	10/09/25 02:21	1
Benzene	0.0012	U	0.0012	0.00068	mg/Kg	☼	10/08/25 14:39	10/09/25 02:21	1
Bromoform	0.0012	U	0.0012	0.00051	mg/Kg	☼	10/08/25 14:39	10/09/25 02:21	1
Bromomethane	0.0024	U *	0.0024	0.0012	mg/Kg	☼	10/08/25 14:39	10/09/25 02:21	1
Carbon disulfide	0.0012	U	0.0012	0.00032	mg/Kg	☼	10/08/25 14:39	10/09/25 02:21	1
Carbon tetrachloride	0.0012	U	0.0012	0.00047	mg/Kg	☼	10/08/25 14:39	10/09/25 02:21	1
Chlorobenzene	0.0012	U	0.0012	0.00061	mg/Kg	☼	10/08/25 14:39	10/09/25 02:21	1
Chlorobromomethane	0.0012	U	0.0012	0.00072	mg/Kg	☼	10/08/25 14:39	10/09/25 02:21	1
Chlorodibromomethane	0.0012	U	0.0012	0.00065	mg/Kg	☼	10/08/25 14:39	10/09/25 02:21	1
Chloroethane	0.0012	U	0.0012	0.00063	mg/Kg	☼	10/08/25 14:39	10/09/25 02:21	1
Chloroform	0.0012	U	0.0012	0.0012	mg/Kg	☼	10/08/25 14:39	10/09/25 02:21	1
Chloromethane	0.0012	U	0.0012	0.00052	mg/Kg	☼	10/08/25 14:39	10/09/25 02:21	1
cis-1,2-Dichloroethene	0.0012	U	0.0012	0.00043	mg/Kg	☼	10/08/25 14:39	10/09/25 02:21	1
cis-1,3-Dichloropropene	0.0012	U	0.0012	0.00033	mg/Kg	☼	10/08/25 14:39	10/09/25 02:21	1
Cyclohexane	0.0012	U	0.0012	0.00027	mg/Kg	☼	10/08/25 14:39	10/09/25 02:21	1
Dichlorobromomethane	0.0012	U	0.0012	0.00031	mg/Kg	☼	10/08/25 14:39	10/09/25 02:21	1
Dichlorodifluoromethane	0.0012	U	0.0012	0.00041	mg/Kg	☼	10/08/25 14:39	10/09/25 02:21	1
Ethylbenzene	0.0012	U	0.0012	0.00056	mg/Kg	☼	10/08/25 14:39	10/09/25 02:21	1
Ethylene Dibromide	0.0012	U	0.0012	0.00061	mg/Kg	☼	10/08/25 14:39	10/09/25 02:21	1
Isopropylbenzene	0.0012	U	0.0012	0.00034	mg/Kg	☼	10/08/25 14:39	10/09/25 02:21	1
Methyl acetate	0.0060	U	0.0060	0.0052	mg/Kg	☼	10/08/25 14:39	10/09/25 02:21	1
Methyl tert-butyl ether	0.0012	U	0.0012	0.00062	mg/Kg	☼	10/08/25 14:39	10/09/25 02:21	1
Methylcyclohexane	0.0012	U	0.0012	0.00060	mg/Kg	☼	10/08/25 14:39	10/09/25 02:21	1
Methylene Chloride	0.0024	U	0.0024	0.0014	mg/Kg	☼	10/08/25 14:39	10/09/25 02:21	1
m-Xylene & p-Xylene	0.0012	U	0.0012	0.00051	mg/Kg	☼	10/08/25 14:39	10/09/25 02:21	1
n-Butylbenzene	0.0012	U	0.0012	0.00035	mg/Kg	☼	10/08/25 14:39	10/09/25 02:21	1
N-Propylbenzene	0.0012	U	0.0012	0.00054	mg/Kg	☼	10/08/25 14:39	10/09/25 02:21	1
o-Xylene	0.0012	U	0.0012	0.00056	mg/Kg	☼	10/08/25 14:39	10/09/25 02:21	1
sec-Butylbenzene	0.0012	U	0.0012	0.00035	mg/Kg	☼	10/08/25 14:39	10/09/25 02:21	1
Styrene	0.0012	U	0.0012	0.00034	mg/Kg	☼	10/08/25 14:39	10/09/25 02:21	1

Client Sample ID: 48C2_4-5

Date Collected: 10/06/25 10:30
Date Received: 10/06/25 15:30

Lab Sample ID: 460-336556-31

Matrix: Solid
Percent Solids: 93.2

Method: SW846 8260D - Volatile Organic Compounds by GC/MS (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
tert-Butylbenzene	0.0012	U	0.0012	0.00033	mg/Kg	☼	10/08/25 14:39	10/09/25 02:21	1
Tetrachloroethene	0.0012	U	0.0012	0.00037	mg/Kg	☼	10/08/25 14:39	10/09/25 02:21	1
Toluene	0.0012	U	0.0012	0.00028	mg/Kg	☼	10/08/25 14:39	10/09/25 02:21	1
trans-1,2-Dichloroethene	0.0012	U	0.0012	0.00030	mg/Kg	☼	10/08/25 14:39	10/09/25 02:21	1
trans-1,3-Dichloropropene	0.0012	U	0.0012	0.00032	mg/Kg	☼	10/08/25 14:39	10/09/25 02:21	1
Trichloroethene	0.0012	U	0.0012	0.00039	mg/Kg	☼	10/08/25 14:39	10/09/25 02:21	1
Trichlorofluoromethane	0.0012	U	0.0012	0.00049	mg/Kg	☼	10/08/25 14:39	10/09/25 02:21	1
Vinyl chloride	0.0012	U	0.0012	0.00066	mg/Kg	☼	10/08/25 14:39	10/09/25 02:21	1
Xylenes, Total	0.0024	U	0.0024	0.00021	mg/Kg	☼	10/08/25 14:39	10/09/25 02:21	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,2-Dichloroethane-d4 (Surr)	*112*		*65 - 138*	*10/08/25 14:39*	*10/09/25 02:21*	*1*
4-Bromofluorobenzene	*103*		*71 - 128*	*10/08/25 14:39*	*10/09/25 02:21*	*1*
Dibromofluoromethane (Surr)	*118*		*50 - 150*	*10/08/25 14:39*	*10/09/25 02:21*	*1*
Toluene-d8 (Surr)	*95*		*71 - 126*	*10/08/25 14:39*	*10/09/25 02:21*	*1*

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Percent Moisture (EPA Moisture)	**6.8**		1.0	1.0	%			10/09/25 11:12	1
Percent Solids (EPA Moisture)	**93.2**		1.0	1.0	%			10/09/25 11:12	1

Client Sample ID: 48C3_5-6

Date Collected: 10/06/25 10:35
Date Received: 10/06/25 15:30

Lab Sample ID: 460-336556-32

Matrix: Solid
Percent Solids: 92.4

Method: SW846 8260D - Volatile Organic Compounds by GC/MS

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1-Trichloroethane	0.00099	U	0.00099	0.00023	mg/Kg	☼	10/08/25 14:40	10/09/25 02:44	1
1,1,2,2-Tetrachloroethane	0.00099	U	0.00099	0.00052	mg/Kg	☼	10/08/25 14:40	10/09/25 02:44	1
1,1,2-Trichloro-1,2,2-trifluoroethane	0.00099	U	0.00099	0.00030	mg/Kg	☼	10/08/25 14:40	10/09/25 02:44	1
1,1,2-Trichloroethane	0.00099	U	0.00099	0.00060	mg/Kg	☼	10/08/25 14:40	10/09/25 02:44	1
1,1-Dichloroethane	0.00099	U	0.00099	0.00059	mg/Kg	☼	10/08/25 14:40	10/09/25 02:44	1
1,1-Dichloroethene	0.00099	U	0.00099	0.00022	mg/Kg	☼	10/08/25 14:40	10/09/25 02:44	1
1,2,3-Trichlorobenzene	0.00099	U	0.00099	0.00073	mg/Kg	☼	10/08/25 14:40	10/09/25 02:44	1
1,2,4-Trichlorobenzene	0.00099	U	0.00099	0.00036	mg/Kg	☼	10/08/25 14:40	10/09/25 02:44	1
1,2,4-Trimethylbenzene	0.00099	U	0.00099	0.00024	mg/Kg	☼	10/08/25 14:40	10/09/25 02:44	1
1,2-Dibromo-3-Chloropropane	0.00099	U	0.00099	0.00046	mg/Kg	☼	10/08/25 14:40	10/09/25 02:44	1
1,2-Dichlorobenzene	0.00099	U	0.00099	0.00036	mg/Kg	☼	10/08/25 14:40	10/09/25 02:44	1
1,2-Dichloroethane	0.00099	U	0.00099	0.00029	mg/Kg	☼	10/08/25 14:40	10/09/25 02:44	1
1,2-Dichloropropane	0.00099	U	0.00099	0.00042	mg/Kg	☼	10/08/25 14:40	10/09/25 02:44	1
1,3,5-Trimethylbenzene	0.00099	U	0.00099	0.00031	mg/Kg	☼	10/08/25 14:40	10/09/25 02:44	1
1,3-Dichlorobenzene	0.00099	U	0.00099	0.00036	mg/Kg	☼	10/08/25 14:40	10/09/25 02:44	1
1,4-Dichlorobenzene	0.00099	U	0.00099	0.00052	mg/Kg	☼	10/08/25 14:40	10/09/25 02:44	1
2-Butanone (MEK)	0.0050	U	0.0050	0.00037	mg/Kg	☼	10/08/25 14:40	10/09/25 02:44	1
2-Hexanone	0.0050	U	0.0050	0.0017	mg/Kg	☼	10/08/25 14:40	10/09/25 02:44	1
4-Methyl-2-pentanone (MIBK)	0.0050	U	0.0050	0.0015	mg/Kg	☼	10/08/25 14:40	10/09/25 02:44	1
Acetone	**0.020**		0.0060	0.0057	mg/Kg	☼	10/08/25 14:40	10/09/25 02:44	1
Benzene	0.00099	U	0.00099	0.00056	mg/Kg	☼	10/08/25 14:40	10/09/25 02:44	1
Bromoform	0.00099	U	0.00099	0.00042	mg/Kg	☼	10/08/25 14:40	10/09/25 02:44	1
Bromomethane	0.0020	U *	0.0020	0.00099	mg/Kg	☼	10/08/25 14:40	10/09/25 02:44	1

Client Sample ID: 48C3_5-6
Date Collected: 10/06/25 10:35
Date Received: 10/06/25 15:30

Lab Sample ID: 460-336556-32
Matrix: Solid
Percent Solids: 92.4

Method: SW846 8260D - Volatile Organic Compounds by GC/MS (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Carbon disulfide	0.00099	U	0.00099	0.00026	mg/Kg	☼	10/08/25 14:40	10/09/25 02:44	1
Carbon tetrachloride	0.00099	U	0.00099	0.00038	mg/Kg	☼	10/08/25 14:40	10/09/25 02:44	1
Chlorobenzene	0.00099	U	0.00099	0.00050	mg/Kg	☼	10/08/25 14:40	10/09/25 02:44	1
Chlorobromomethane	0.00099	U	0.00099	0.00059	mg/Kg	☼	10/08/25 14:40	10/09/25 02:44	1
Chlorodibromomethane	0.00099	U	0.00099	0.00053	mg/Kg	☼	10/08/25 14:40	10/09/25 02:44	1
Chloroethane	0.00099	U	0.00099	0.00052	mg/Kg	☼	10/08/25 14:40	10/09/25 02:44	1
Chloroform	0.00099	U	0.00099	0.00096	mg/Kg	☼	10/08/25 14:40	10/09/25 02:44	1
Chloromethane	0.00099	U	0.00099	0.00043	mg/Kg	☼	10/08/25 14:40	10/09/25 02:44	1
cis-1,2-Dichloroethene	0.00099	U	0.00099	0.00036	mg/Kg	☼	10/08/25 14:40	10/09/25 02:44	1
cis-1,3-Dichloropropene	0.00099	U	0.00099	0.00027	mg/Kg	☼	10/08/25 14:40	10/09/25 02:44	1
Cyclohexane	0.00099	U	0.00099	0.00022	mg/Kg	☼	10/08/25 14:40	10/09/25 02:44	1
Dichlorobromomethane	0.00099	U	0.00099	0.00026	mg/Kg	☼	10/08/25 14:40	10/09/25 02:44	1
Dichlorodifluoromethane	0.00099	U	0.00099	0.00034	mg/Kg	☼	10/08/25 14:40	10/09/25 02:44	1
Ethylbenzene	0.00099	U	0.00099	0.00046	mg/Kg	☼	10/08/25 14:40	10/09/25 02:44	1
Ethylene Dibromide	0.00099	U	0.00099	0.00050	mg/Kg	☼	10/08/25 14:40	10/09/25 02:44	1
Isopropylbenzene	0.00099	U	0.00099	0.00028	mg/Kg	☼	10/08/25 14:40	10/09/25 02:44	1
Methyl acetate	0.0050	U	0.0050	0.0043	mg/Kg	☼	10/08/25 14:40	10/09/25 02:44	1
Methyl tert-butyl ether	0.00099	U	0.00099	0.00051	mg/Kg	☼	10/08/25 14:40	10/09/25 02:44	1
Methylcyclohexane	0.00099	U	0.00099	0.00050	mg/Kg	☼	10/08/25 14:40	10/09/25 02:44	1
Methylene Chloride	0.0020	U	0.0020	0.0011	mg/Kg	☼	10/08/25 14:40	10/09/25 02:44	1
m-Xylene & p-Xylene	0.00099	U	0.00099	0.00042	mg/Kg	☼	10/08/25 14:40	10/09/25 02:44	1
n-Butylbenzene	0.00099	U	0.00099	0.00029	mg/Kg	☼	10/08/25 14:40	10/09/25 02:44	1
N-Propylbenzene	0.00099	U	0.00099	0.00045	mg/Kg	☼	10/08/25 14:40	10/09/25 02:44	1
o-Xylene	0.00099	U	0.00099	0.00046	mg/Kg	☼	10/08/25 14:40	10/09/25 02:44	1
sec-Butylbenzene	0.00099	U	0.00099	0.00029	mg/Kg	☼	10/08/25 14:40	10/09/25 02:44	1
Styrene	0.00099	U	0.00099	0.00028	mg/Kg	☼	10/08/25 14:40	10/09/25 02:44	1
tert-Butylbenzene	0.00099	U	0.00099	0.00027	mg/Kg	☼	10/08/25 14:40	10/09/25 02:44	1
Tetrachloroethene	0.00099	U	0.00099	0.00030	mg/Kg	☼	10/08/25 14:40	10/09/25 02:44	1
Toluene	0.00099	U	0.00099	0.00023	mg/Kg	☼	10/08/25 14:40	10/09/25 02:44	1
trans-1,2-Dichloroethene	0.00099	U	0.00099	0.00024	mg/Kg	☼	10/08/25 14:40	10/09/25 02:44	1
trans-1,3-Dichloropropene	0.00099	U	0.00099	0.00026	mg/Kg	☼	10/08/25 14:40	10/09/25 02:44	1
Trichloroethene	0.00099	U	0.00099	0.00032	mg/Kg	☼	10/08/25 14:40	10/09/25 02:44	1
Trichlorofluoromethane	0.00099	U	0.00099	0.00040	mg/Kg	☼	10/08/25 14:40	10/09/25 02:44	1
Vinyl chloride	0.00099	U	0.00099	0.00054	mg/Kg	☼	10/08/25 14:40	10/09/25 02:44	1
Xylenes, Total	0.0020	U	0.0020	0.00017	mg/Kg	☼	10/08/25 14:40	10/09/25 02:44	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,2-Dichloroethane-d4 (Surr)	*112*		*65 - 138*	*10/08/25 14:40*	*10/09/25 02:44*	*1*
4-Bromofluorobenzene	*104*		*71 - 128*	*10/08/25 14:40*	*10/09/25 02:44*	*1*
Dibromofluoromethane (Surr)	*118*		*50 - 150*	*10/08/25 14:40*	*10/09/25 02:44*	*1*
Toluene-d8 (Surr)	*96*		*71 - 126*	*10/08/25 14:40*	*10/09/25 02:44*	*1*

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Percent Moisture (EPA Moisture)	**7.6**		1.0	1.0	%			10/09/25 11:12	1
Percent Solids (EPA Moisture)	**92.4**		1.0	1.0	%			10/09/25 11:12	1

Client Sample ID: 48C3_1-2
Date Collected: 10/06/25 10:40
Date Received: 10/06/25 15:30

Lab Sample ID: 460-336556-33
Matrix: Solid
Percent Solids: 94.0

Method: SW846 8260D - Volatile Organic Compounds by GC/MS

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1-Trichloroethane	0.0010	U	0.0010	0.00024	mg/Kg	☼	10/08/25 14:40	10/09/25 03:07	1
1,1,2,2-Tetrachloroethane	0.0010	U	0.0010	0.00053	mg/Kg	☼	10/08/25 14:40	10/09/25 03:07	1
1,1,2-Trichloro-1,2,2-trifluoroethane	0.0010	U	0.0010	0.00031	mg/Kg	☼	10/08/25 14:40	10/09/25 03:07	1
1,1,2-Trichloroethane	0.0010	U	0.0010	0.00062	mg/Kg	☼	10/08/25 14:40	10/09/25 03:07	1
1,1-Dichloroethane	0.0010	U	0.0010	0.00061	mg/Kg	☼	10/08/25 14:40	10/09/25 03:07	1
1,1-Dichloroethene	0.0010	U	0.0010	0.00023	mg/Kg	☼	10/08/25 14:40	10/09/25 03:07	1
1,2,3-Trichlorobenzene	0.0010	U	0.0010	0.00076	mg/Kg	☼	10/08/25 14:40	10/09/25 03:07	1
1,2,4-Trichlorobenzene	0.0010	U	0.0010	0.00037	mg/Kg	☼	10/08/25 14:40	10/09/25 03:07	1
1,2,4-Trimethylbenzene	0.0010	U	0.0010	0.00025	mg/Kg	☼	10/08/25 14:40	10/09/25 03:07	1
1,2-Dibromo-3-Chloropropane	0.0010	U	0.0010	0.00047	mg/Kg	☼	10/08/25 14:40	10/09/25 03:07	1
1,2-Dichlorobenzene	0.0010	U	0.0010	0.00037	mg/Kg	☼	10/08/25 14:40	10/09/25 03:07	1
1,2-Dichloroethane	0.0010	U	0.0010	0.00030	mg/Kg	☼	10/08/25 14:40	10/09/25 03:07	1
1,2-Dichloropropane	0.0010	U	0.0010	0.00043	mg/Kg	☼	10/08/25 14:40	10/09/25 03:07	1
1,3,5-Trimethylbenzene	0.0010	U	0.0010	0.00032	mg/Kg	☼	10/08/25 14:40	10/09/25 03:07	1
1,3-Dichlorobenzene	0.0010	U	0.0010	0.00037	mg/Kg	☼	10/08/25 14:40	10/09/25 03:07	1
1,4-Dichlorobenzene	0.0010	U	0.0010	0.00053	mg/Kg	☼	10/08/25 14:40	10/09/25 03:07	1
2-Butanone (MEK)	0.0051	U	0.0051	0.00038	mg/Kg	☼	10/08/25 14:40	10/09/25 03:07	1
2-Hexanone	0.0051	U	0.0051	0.0018	mg/Kg	☼	10/08/25 14:40	10/09/25 03:07	1
4-Methyl-2-pentanone (MIBK)	0.0051	U	0.0051	0.0016	mg/Kg	☼	10/08/25 14:40	10/09/25 03:07	1
Acetone	**0.016**		0.0061	0.0059	mg/Kg	☼	10/08/25 14:40	10/09/25 03:07	1
Benzene	0.0010	U	0.0010	0.00058	mg/Kg	☼	10/08/25 14:40	10/09/25 03:07	1
Bromoform	0.0010	U	0.0010	0.00044	mg/Kg	☼	10/08/25 14:40	10/09/25 03:07	1
Bromomethane	0.0020	U *	0.0020	0.0010	mg/Kg	☼	10/08/25 14:40	10/09/25 03:07	1
Carbon disulfide	0.0010	U	0.0010	0.00027	mg/Kg	☼	10/08/25 14:40	10/09/25 03:07	1
Carbon tetrachloride	0.0010	U	0.0010	0.00040	mg/Kg	☼	10/08/25 14:40	10/09/25 03:07	1
Chlorobenzene	0.0010	U	0.0010	0.00052	mg/Kg	☼	10/08/25 14:40	10/09/25 03:07	1
Chlorobromomethane	0.0010	U	0.0010	0.00061	mg/Kg	☼	10/08/25 14:40	10/09/25 03:07	1
Chlorodibromomethane	0.0010	U	0.0010	0.00055	mg/Kg	☼	10/08/25 14:40	10/09/25 03:07	1
Chloroethane	0.0010	U	0.0010	0.00053	mg/Kg	☼	10/08/25 14:40	10/09/25 03:07	1
Chloroform	0.0010	U	0.0010	0.00099	mg/Kg	☼	10/08/25 14:40	10/09/25 03:07	1
Chloromethane	0.0010	U	0.0010	0.00045	mg/Kg	☼	10/08/25 14:40	10/09/25 03:07	1
cis-1,2-Dichloroethene	0.0010	U	0.0010	0.00037	mg/Kg	☼	10/08/25 14:40	10/09/25 03:07	1
cis-1,3-Dichloropropene	0.0010	U	0.0010	0.00028	mg/Kg	☼	10/08/25 14:40	10/09/25 03:07	1
Cyclohexane	0.0010	U	0.0010	0.00023	mg/Kg	☼	10/08/25 14:40	10/09/25 03:07	1
Dichlorobromomethane	0.0010	U	0.0010	0.00026	mg/Kg	☼	10/08/25 14:40	10/09/25 03:07	1
Dichlorodifluoromethane	0.0010	U	0.0010	0.00035	mg/Kg	☼	10/08/25 14:40	10/09/25 03:07	1
Ethylbenzene	0.0010	U	0.0010	0.00048	mg/Kg	☼	10/08/25 14:40	10/09/25 03:07	1
Ethylene Dibromide	0.0010	U	0.0010	0.00052	mg/Kg	☼	10/08/25 14:40	10/09/25 03:07	1
Isopropylbenzene	0.0010	U	0.0010	0.00029	mg/Kg	☼	10/08/25 14:40	10/09/25 03:07	1
Methyl acetate	0.0051	U	0.0051	0.0044	mg/Kg	☼	10/08/25 14:40	10/09/25 03:07	1
Methyl tert-butyl ether	0.0010	U	0.0010	0.00052	mg/Kg	☼	10/08/25 14:40	10/09/25 03:07	1
Methylcyclohexane	0.0010	U	0.0010	0.00051	mg/Kg	☼	10/08/25 14:40	10/09/25 03:07	1
Methylene Chloride	0.0020	U	0.0020	0.0012	mg/Kg	☼	10/08/25 14:40	10/09/25 03:07	1
m-Xylene & p-Xylene	0.0010	U	0.0010	0.00043	mg/Kg	☼	10/08/25 14:40	10/09/25 03:07	1
n-Butylbenzene	0.0010	U	0.0010	0.00030	mg/Kg	☼	10/08/25 14:40	10/09/25 03:07	1
N-Propylbenzene	0.0010	U	0.0010	0.00046	mg/Kg	☼	10/08/25 14:40	10/09/25 03:07	1
o-Xylene	0.0010	U	0.0010	0.00047	mg/Kg	☼	10/08/25 14:40	10/09/25 03:07	1
sec-Butylbenzene	0.0010	U	0.0010	0.00030	mg/Kg	☼	10/08/25 14:40	10/09/25 03:07	1
Styrene	0.0010	U	0.0010	0.00028	mg/Kg	☼	10/08/25 14:40	10/09/25 03:07	1

Client Sample ID: 48C3_1-2

Lab Sample ID: 460-336556-33
Date Collected: 10/06/25 10:40
Matrix: Solid
Date Received: 10/06/25 15:30
Percent Solids: 94.0

Method: SW846 8260D - Volatile Organic Compounds by GC/MS (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
tert-Butylbenzene	0.0010	U	0.0010	0.00028	mg/Kg	☼	10/08/25 14:40	10/09/25 03:07	1
Tetrachloroethene	0.0010	U	0.0010	0.00031	mg/Kg	☼	10/08/25 14:40	10/09/25 03:07	1
Toluene	0.0010	U	0.0010	0.00024	mg/Kg	☼	10/08/25 14:40	10/09/25 03:07	1
trans-1,2-Dichloroethene	0.0010	U	0.0010	0.00025	mg/Kg	☼	10/08/25 14:40	10/09/25 03:07	1
trans-1,3-Dichloropropene	0.0010	U	0.0010	0.00027	mg/Kg	☼	10/08/25 14:40	10/09/25 03:07	1
Trichloroethene	0.0010	U	0.0010	0.00033	mg/Kg	☼	10/08/25 14:40	10/09/25 03:07	1
Trichlorofluoromethane	0.0010	U	0.0010	0.00042	mg/Kg	☼	10/08/25 14:40	10/09/25 03:07	1
Vinyl chloride	0.0010	U	0.0010	0.00056	mg/Kg	☼	10/08/25 14:40	10/09/25 03:07	1
Xylenes, Total	0.0020	U	0.0020	0.00018	mg/Kg	☼	10/08/25 14:40	10/09/25 03:07	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,2-Dichloroethane-d4 (Surr)	*115*		*65 - 138*	*10/08/25 14:40*	*10/09/25 03:07*	*1*
4-Bromofluorobenzene	*101*		*71 - 128*	*10/08/25 14:40*	*10/09/25 03:07*	*1*
Dibromofluoromethane (Surr)	*119*		*50 - 150*	*10/08/25 14:40*	*10/09/25 03:07*	*1*
Toluene-d8 (Surr)	*96*		*71 - 126*	*10/08/25 14:40*	*10/09/25 03:07*	*1*

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Percent Moisture (EPA Moisture)	**6.0**		1.0	1.0	%			10/09/25 11:12	1
Percent Solids (EPA Moisture)	**94.0**		1.0	1.0	%			10/09/25 11:12	1

Client Sample ID: 48D1_1-2

Lab Sample ID: 460-336556-34
Date Collected: 10/06/25 10:45
Matrix: Solid
Date Received: 10/06/25 15:30
Percent Solids: 95.0

Method: SW846 8260D - Volatile Organic Compounds by GC/MS

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1-Trichloroethane	0.0013	U	0.0013	0.00030	mg/Kg	☼	10/08/25 14:40	10/09/25 03:30	1
1,1,2,2-Tetrachloroethane	0.0013	U	0.0013	0.00066	mg/Kg	☼	10/08/25 14:40	10/09/25 03:30	1
1,1,2-Trichloro-1,2,2-trifluoroethane	0.0013	U	0.0013	0.00038	mg/Kg	☼	10/08/25 14:40	10/09/25 03:30	1
1,1,2-Trichloroethane	0.0013	U	0.0013	0.00076	mg/Kg	☼	10/08/25 14:40	10/09/25 03:30	1
1,1-Dichloroethane	0.0013	U	0.0013	0.00076	mg/Kg	☼	10/08/25 14:40	10/09/25 03:30	1
1,1-Dichloroethene	0.0013	U	0.0013	0.00029	mg/Kg	☼	10/08/25 14:40	10/09/25 03:30	1
1,2,3-Trichlorobenzene	0.0013	U	0.0013	0.00094	mg/Kg	☼	10/08/25 14:40	10/09/25 03:30	1
1,2,4-Trichlorobenzene	0.0013	U	0.0013	0.00045	mg/Kg	☼	10/08/25 14:40	10/09/25 03:30	1
1,2,4-Trimethylbenzene	0.0013	U	0.0013	0.00031	mg/Kg	☼	10/08/25 14:40	10/09/25 03:30	1
1,2-Dibromo-3-Chloropropane	0.0013	U	0.0013	0.00058	mg/Kg	☼	10/08/25 14:40	10/09/25 03:30	1
1,2-Dichlorobenzene	0.0013	U	0.0013	0.00046	mg/Kg	☼	10/08/25 14:40	10/09/25 03:30	1
1,2-Dichloroethane	0.0013	U	0.0013	0.00038	mg/Kg	☼	10/08/25 14:40	10/09/25 03:30	1
1,2-Dichloropropane	0.0013	U	0.0013	0.00054	mg/Kg	☼	10/08/25 14:40	10/09/25 03:30	1
1,3,5-Trimethylbenzene	0.0013	U	0.0013	0.00040	mg/Kg	☼	10/08/25 14:40	10/09/25 03:30	1
1,3-Dichlorobenzene	0.0013	U	0.0013	0.00046	mg/Kg	☼	10/08/25 14:40	10/09/25 03:30	1
1,4-Dichlorobenzene	0.0013	U	0.0013	0.00066	mg/Kg	☼	10/08/25 14:40	10/09/25 03:30	1
2-Butanone (MEK)	0.0063	U	0.0063	0.00047	mg/Kg	☼	10/08/25 14:40	10/09/25 03:30	1
2-Hexanone	0.0063	U	0.0063	0.0022	mg/Kg	☼	10/08/25 14:40	10/09/25 03:30	1
4-Methyl-2-pentanone (MIBK)	0.0063	U	0.0063	0.0020	mg/Kg	☼	10/08/25 14:40	10/09/25 03:30	1
Acetone	**0.030**		0.0076	0.0073	mg/Kg	☼	10/08/25 14:40	10/09/25 03:30	1
Benzene	0.0013	U	0.0013	0.00072	mg/Kg	☼	10/08/25 14:40	10/09/25 03:30	1
Bromoform	0.0013	U	0.0013	0.00054	mg/Kg	☼	10/08/25 14:40	10/09/25 03:30	1
Bromomethane	0.0025	U *	0.0025	0.0013	mg/Kg	☼	10/08/25 14:40	10/09/25 03:30	1

Client Sample ID: 48D1_1-2
Date Collected: 10/06/25 10:45
Date Received: 10/06/25 15:30

Lab Sample ID: 460-336556-34
Matrix: Solid
Percent Solids: 95.0

Method: SW846 8260D - Volatile Organic Compounds by GC/MS (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Carbon disulfide	0.0013	U	0.0013	0.00034	mg/Kg	☼	10/08/25 14:40	10/09/25 03:30	1
Carbon tetrachloride	0.0013	U	0.0013	0.00049	mg/Kg	☼	10/08/25 14:40	10/09/25 03:30	1
Chlorobenzene	0.0013	U	0.0013	0.00064	mg/Kg	☼	10/08/25 14:40	10/09/25 03:30	1
Chlorobromomethane	0.0013	U	0.0013	0.00076	mg/Kg	☼	10/08/25 14:40	10/09/25 03:30	1
Chlorodibromomethane	0.0013	U	0.0013	0.00068	mg/Kg	☼	10/08/25 14:40	10/09/25 03:30	1
Chloroethane	0.0013	U	0.0013	0.00066	mg/Kg	☼	10/08/25 14:40	10/09/25 03:30	1
Chloroform	0.0013	U	0.0013	0.0012	mg/Kg	☼	10/08/25 14:40	10/09/25 03:30	1
Chloromethane	0.0013	U	0.0013	0.00055	mg/Kg	☼	10/08/25 14:40	10/09/25 03:30	1
cis-1,2-Dichloroethene	0.0013	U	0.0013	0.00045	mg/Kg	☼	10/08/25 14:40	10/09/25 03:30	1
cis-1,3-Dichloropropene	0.0013	U	0.0013	0.00035	mg/Kg	☼	10/08/25 14:40	10/09/25 03:30	1
Cyclohexane	0.0013	U	0.0013	0.00028	mg/Kg	☼	10/08/25 14:40	10/09/25 03:30	1
Dichlorobromomethane	0.0013	U	0.0013	0.00033	mg/Kg	☼	10/08/25 14:40	10/09/25 03:30	1
Dichlorodifluoromethane	0.0013	U	0.0013	0.00043	mg/Kg	☼	10/08/25 14:40	10/09/25 03:30	1
Ethylbenzene	0.0013	U	0.0013	0.00059	mg/Kg	☼	10/08/25 14:40	10/09/25 03:30	1
Ethylene Dibromide	0.0013	U	0.0013	0.00064	mg/Kg	☼	10/08/25 14:40	10/09/25 03:30	1
Isopropylbenzene	0.0013	U	0.0013	0.00036	mg/Kg	☼	10/08/25 14:40	10/09/25 03:30	1
Methyl acetate	0.0063	U	0.0063	0.0055	mg/Kg	☼	10/08/25 14:40	10/09/25 03:30	1
Methyl tert-butyl ether	0.0013	U	0.0013	0.00065	mg/Kg	☼	10/08/25 14:40	10/09/25 03:30	1
Methylcyclohexane	0.0013	U	0.0013	0.00063	mg/Kg	☼	10/08/25 14:40	10/09/25 03:30	1
Methylene Chloride	0.0025	U	0.0025	0.0015	mg/Kg	☼	10/08/25 14:40	10/09/25 03:30	1
m-Xylene & p-Xylene	0.0013	U	0.0013	0.00054	mg/Kg	☼	10/08/25 14:40	10/09/25 03:30	1
n-Butylbenzene	0.0013	U	0.0013	0.00037	mg/Kg	☼	10/08/25 14:40	10/09/25 03:30	1
N-Propylbenzene	0.0013	U	0.0013	0.00057	mg/Kg	☼	10/08/25 14:40	10/09/25 03:30	1
o-Xylene	0.0013	U	0.0013	0.00059	mg/Kg	☼	10/08/25 14:40	10/09/25 03:30	1
sec-Butylbenzene	0.0013	U	0.0013	0.00037	mg/Kg	☼	10/08/25 14:40	10/09/25 03:30	1
Styrene	0.0013	U	0.0013	0.00035	mg/Kg	☼	10/08/25 14:40	10/09/25 03:30	1
tert-Butylbenzene	0.0013	U	0.0013	0.00035	mg/Kg	☼	10/08/25 14:40	10/09/25 03:30	1
Tetrachloroethene	0.0013	U	0.0013	0.00039	mg/Kg	☼	10/08/25 14:40	10/09/25 03:30	1
Toluene	0.0013	U	0.0013	0.00030	mg/Kg	☼	10/08/25 14:40	10/09/25 03:30	1
trans-1,2-Dichloroethene	0.0013	U	0.0013	0.00031	mg/Kg	☼	10/08/25 14:40	10/09/25 03:30	1
trans-1,3-Dichloropropene	0.0013	U	0.0013	0.00034	mg/Kg	☼	10/08/25 14:40	10/09/25 03:30	1
Trichloroethene	0.0013	U	0.0013	0.00041	mg/Kg	☼	10/08/25 14:40	10/09/25 03:30	1
Trichlorofluoromethane	0.0013	U	0.0013	0.00052	mg/Kg	☼	10/08/25 14:40	10/09/25 03:30	1
Vinyl chloride	0.0013	U	0.0013	0.00069	mg/Kg	☼	10/08/25 14:40	10/09/25 03:30	1
Xylenes, Total	0.0025	U	0.0025	0.00022	mg/Kg	☼	10/08/25 14:40	10/09/25 03:30	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,2-Dichloroethane-d4 (Surr)	*111*		*65 - 138*	*10/08/25 14:40*	*10/09/25 03:30*	*1*
4-Bromofluorobenzene	*100*		*71 - 128*	*10/08/25 14:40*	*10/09/25 03:30*	*1*
Dibromofluoromethane (Surr)	*117*		*50 - 150*	*10/08/25 14:40*	*10/09/25 03:30*	*1*
Toluene-d8 (Surr)	*95*		*71 - 126*	*10/08/25 14:40*	*10/09/25 03:30*	*1*

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Percent Moisture (EPA Moisture)	**5.0**		1.0	1.0	%			10/09/25 11:12	1
Percent Solids (EPA Moisture)	**95.0**		1.0	1.0	%			10/09/25 11:12	1

Client: Haley & Aldrich, Inc.
Project/Site: Former Port Mobil

Job ID: 460-336556-1

Client Sample ID: 48D2_2-3
Date Collected: 10/06/25 10:50
Date Received: 10/06/25 15:30

Lab Sample ID: 460-336556-35
Matrix: Solid
Percent Solids: 94.0

Method: SW846 8260D - Volatile Organic Compounds by GC/MS

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1-Trichloroethane	0.00099	U	0.00099	0.00023	mg/Kg	☼	10/08/25 14:41	10/09/25 03:53	1
1,1,2,2-Tetrachloroethane	0.00099	U	0.00099	0.00052	mg/Kg	☼	10/08/25 14:41	10/09/25 03:53	1
1,1,2-Trichloro-1,2,2-trifluoroethane	0.00099	U	0.00099	0.00030	mg/Kg	☼	10/08/25 14:41	10/09/25 03:53	1
1,1,2-Trichloroethane	0.00099	U	0.00099	0.00059	mg/Kg	☼	10/08/25 14:41	10/09/25 03:53	1
1,1-Dichloroethane	0.00099	U	0.00099	0.00059	mg/Kg	☼	10/08/25 14:41	10/09/25 03:53	1
1,1-Dichloroethene	0.00099	U	0.00099	0.00022	mg/Kg	☼	10/08/25 14:41	10/09/25 03:53	1
1,2,3-Trichlorobenzene	0.00099	U	0.00099	0.00073	mg/Kg	☼	10/08/25 14:41	10/09/25 03:53	1
1,2,4-Trichlorobenzene	0.00099	U	0.00099	0.00035	mg/Kg	☼	10/08/25 14:41	10/09/25 03:53	1
1,2,4-Trimethylbenzene	0.00099	U	0.00099	0.00024	mg/Kg	☼	10/08/25 14:41	10/09/25 03:53	1
1,2-Dibromo-3-Chloropropane	0.00099	U	0.00099	0.00045	mg/Kg	☼	10/08/25 14:41	10/09/25 03:53	1
1,2-Dichlorobenzene	0.00099	U	0.00099	0.00036	mg/Kg	☼	10/08/25 14:41	10/09/25 03:53	1
1,2-Dichloroethane	0.00099	U	0.00099	0.00029	mg/Kg	☼	10/08/25 14:41	10/09/25 03:53	1
1,2-Dichloropropane	0.00099	U	0.00099	0.00042	mg/Kg	☼	10/08/25 14:41	10/09/25 03:53	1
1,3,5-Trimethylbenzene	0.00099	U	0.00099	0.00031	mg/Kg	☼	10/08/25 14:41	10/09/25 03:53	1
1,3-Dichlorobenzene	0.00099	U	0.00099	0.00036	mg/Kg	☼	10/08/25 14:41	10/09/25 03:53	1
1,4-Dichlorobenzene	0.00099	U	0.00099	0.00051	mg/Kg	☼	10/08/25 14:41	10/09/25 03:53	1
2-Butanone (MEK)	0.0049	U	0.0049	0.00036	mg/Kg	☼	10/08/25 14:41	10/09/25 03:53	1
2-Hexanone	0.0049	U	0.0049	0.0017	mg/Kg	☼	10/08/25 14:41	10/09/25 03:53	1
4-Methyl-2-pentanone (MIBK)	0.0049	U	0.0049	0.0015	mg/Kg	☼	10/08/25 14:41	10/09/25 03:53	1
Acetone	**0.17**		0.0059	0.0056	mg/Kg	☼	10/08/25 14:41	10/09/25 03:53	1
Benzene	0.00099	U	0.00099	0.00056	mg/Kg	☼	10/08/25 14:41	10/09/25 03:53	1
Bromoform	0.00099	U	0.00099	0.00042	mg/Kg	☼	10/08/25 14:41	10/09/25 03:53	1
Bromomethane	0.0020	U *	0.0020	0.00099	mg/Kg	☼	10/08/25 14:41	10/09/25 03:53	1
Carbon disulfide	0.00099	U	0.00099	0.00026	mg/Kg	☼	10/08/25 14:41	10/09/25 03:53	1
Carbon tetrachloride	0.00099	U	0.00099	0.00038	mg/Kg	☼	10/08/25 14:41	10/09/25 03:53	1
Chlorobenzene	0.00099	U	0.00099	0.00050	mg/Kg	☼	10/08/25 14:41	10/09/25 03:53	1
Chlorobromomethane	0.00099	U	0.00099	0.00059	mg/Kg	☼	10/08/25 14:41	10/09/25 03:53	1
Chlorodibromomethane	0.00099	U	0.00099	0.00053	mg/Kg	☼	10/08/25 14:41	10/09/25 03:53	1
Chloroethane	0.00099	U	0.00099	0.00052	mg/Kg	☼	10/08/25 14:41	10/09/25 03:53	1
Chloroform	0.00099	U	0.00099	0.00096	mg/Kg	☼	10/08/25 14:41	10/09/25 03:53	1
Chloromethane	0.00099	U	0.00099	0.00043	mg/Kg	☼	10/08/25 14:41	10/09/25 03:53	1
cis-1,2-Dichloroethene	0.00099	U	0.00099	0.00035	mg/Kg	☼	10/08/25 14:41	10/09/25 03:53	1
cis-1,3-Dichloropropene	0.00099	U	0.00099	0.00027	mg/Kg	☼	10/08/25 14:41	10/09/25 03:53	1
Cyclohexane	0.00099	U	0.00099	0.00022	mg/Kg	☼	10/08/25 14:41	10/09/25 03:53	1
Dichlorobromomethane	0.00099	U	0.00099	0.00025	mg/Kg	☼	10/08/25 14:41	10/09/25 03:53	1
Dichlorodifluoromethane	0.00099	U	0.00099	0.00033	mg/Kg	☼	10/08/25 14:41	10/09/25 03:53	1
Ethylbenzene	0.00099	U	0.00099	0.00046	mg/Kg	☼	10/08/25 14:41	10/09/25 03:53	1
Ethylene Dibromide	0.00099	U	0.00099	0.00050	mg/Kg	☼	10/08/25 14:41	10/09/25 03:53	1
Isopropylbenzene	0.00099	U	0.00099	0.00028	mg/Kg	☼	10/08/25 14:41	10/09/25 03:53	1
Methyl acetate	0.0049	U	0.0049	0.0042	mg/Kg	☼	10/08/25 14:41	10/09/25 03:53	1
Methyl tert-butyl ether	0.00099	U	0.00099	0.00051	mg/Kg	☼	10/08/25 14:41	10/09/25 03:53	1
Methylcyclohexane	0.00099	U	0.00099	0.00049	mg/Kg	☼	10/08/25 14:41	10/09/25 03:53	1
Methylene Chloride	**0.0020**		0.0020	0.0011	mg/Kg	☼	10/08/25 14:41	10/09/25 03:53	1
m-Xylene & p-Xylene	0.00099	U	0.00099	0.00042	mg/Kg	☼	10/08/25 14:41	10/09/25 03:53	1
n-Butylbenzene	0.00099	U	0.00099	0.00029	mg/Kg	☼	10/08/25 14:41	10/09/25 03:53	1
N-Propylbenzene	0.00099	U	0.00099	0.00044	mg/Kg	☼	10/08/25 14:41	10/09/25 03:53	1
o-Xylene	0.00099	U	0.00099	0.00046	mg/Kg	☼	10/08/25 14:41	10/09/25 03:53	1
sec-Butylbenzene	0.00099	U	0.00099	0.00028	mg/Kg	☼	10/08/25 14:41	10/09/25 03:53	1
Styrene	0.00099	U	0.00099	0.00027	mg/Kg	☼	10/08/25 14:41	10/09/25 03:53	1

Client Sample ID: 48D2_2-3

Date Collected: 10/06/25 10:50
Date Received: 10/06/25 15:30

Lab Sample ID: 460-336556-35

Matrix: Solid
Percent Solids: 94.0

Method: SW846 8260D - Volatile Organic Compounds by GC/MS (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
tert-Butylbenzene	0.00099	U	0.00099	0.00027	mg/Kg	☼	10/08/25 14:41	10/09/25 03:53	1
Tetrachloroethene	0.00099	U	0.00099	0.00030	mg/Kg	☼	10/08/25 14:41	10/09/25 03:53	1
Toluene	0.00099	U	0.00099	0.00023	mg/Kg	☼	10/08/25 14:41	10/09/25 03:53	1
trans-1,2-Dichloroethene	0.00099	U	0.00099	0.00024	mg/Kg	☼	10/08/25 14:41	10/09/25 03:53	1
trans-1,3-Dichloropropene	0.00099	U	0.00099	0.00026	mg/Kg	☼	10/08/25 14:41	10/09/25 03:53	1
Trichloroethene	0.00099	U	0.00099	0.00032	mg/Kg	☼	10/08/25 14:41	10/09/25 03:53	1
Trichlorofluoromethane	0.00099	U	0.00099	0.00040	mg/Kg	☼	10/08/25 14:41	10/09/25 03:53	1
Vinyl chloride	0.00099	U	0.00099	0.00054	mg/Kg	☼	10/08/25 14:41	10/09/25 03:53	1
Xylenes, Total	0.0020	U	0.0020	0.00017	mg/Kg	☼	10/08/25 14:41	10/09/25 03:53	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,2-Dichloroethane-d4 (Surr)	*112*		*65 - 138*	*10/08/25 14:41*	*10/09/25 03:53*	*1*
4-Bromofluorobenzene	*99*		*71 - 128*	*10/08/25 14:41*	*10/09/25 03:53*	*1*
Dibromofluoromethane (Surr)	*117*		*50 - 150*	*10/08/25 14:41*	*10/09/25 03:53*	*1*
Toluene-d8 (Surr)	*94*		*71 - 126*	*10/08/25 14:41*	*10/09/25 03:53*	*1*

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Percent Moisture (EPA Moisture)	**6.0**		1.0	1.0	%			10/09/25 11:12	1
Percent Solids (EPA Moisture)	**94.0**		1.0	1.0	%			10/09/25 11:12	1

Client Sample ID: 48D3_3-4

Date Collected: 10/06/25 10:55
Date Received: 10/06/25 15:30

Lab Sample ID: 460-336556-36

Matrix: Solid
Percent Solids: 95.4

Method: SW846 8260D - Volatile Organic Compounds by GC/MS

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1-Trichloroethane	0.00094	U	0.00094	0.00022	mg/Kg	☼	10/08/25 14:41	10/09/25 04:16	1
1,1,2,2-Tetrachloroethane	0.00094	U	0.00094	0.00049	mg/Kg	☼	10/08/25 14:41	10/09/25 04:16	1
1,1,2-Trichloro-1,2,2-trifluoroethane	0.00094	U	0.00094	0.00028	mg/Kg	☼	10/08/25 14:41	10/09/25 04:16	1
1,1,2-Trichloroethane	0.00094	U	0.00094	0.00056	mg/Kg	☼	10/08/25 14:41	10/09/25 04:16	1
1,1-Dichloroethane	0.00094	U	0.00094	0.00056	mg/Kg	☼	10/08/25 14:41	10/09/25 04:16	1
1,1-Dichloroethene	0.00094	U	0.00094	0.00021	mg/Kg	☼	10/08/25 14:41	10/09/25 04:16	1
1,2,3-Trichlorobenzene	0.00094	U	0.00094	0.00069	mg/Kg	☼	10/08/25 14:41	10/09/25 04:16	1
1,2,4-Trichlorobenzene	0.00094	U	0.00094	0.00034	mg/Kg	☼	10/08/25 14:41	10/09/25 04:16	1
1,2,4-Trimethylbenzene	0.00094	U	0.00094	0.00023	mg/Kg	☼	10/08/25 14:41	10/09/25 04:16	1
1,2-Dibromo-3-Chloropropane	0.00094	U	0.00094	0.00043	mg/Kg	☼	10/08/25 14:41	10/09/25 04:16	1
1,2-Dichlorobenzene	0.00094	U	0.00094	0.00034	mg/Kg	☼	10/08/25 14:41	10/09/25 04:16	1
1,2-Dichloroethane	0.00094	U	0.00094	0.00028	mg/Kg	☼	10/08/25 14:41	10/09/25 04:16	1
1,2-Dichloropropane	0.00094	U	0.00094	0.00040	mg/Kg	☼	10/08/25 14:41	10/09/25 04:16	1
1,3,5-Trimethylbenzene	0.00094	U	0.00094	0.00029	mg/Kg	☼	10/08/25 14:41	10/09/25 04:16	1
1,3-Dichlorobenzene	0.00094	U	0.00094	0.00034	mg/Kg	☼	10/08/25 14:41	10/09/25 04:16	1
1,4-Dichlorobenzene	0.00094	U	0.00094	0.00049	mg/Kg	☼	10/08/25 14:41	10/09/25 04:16	1
2-Butanone (MEK)	0.0047	U	0.0047	0.00034	mg/Kg	☼	10/08/25 14:41	10/09/25 04:16	1
2-Hexanone	0.0047	U	0.0047	0.0016	mg/Kg	☼	10/08/25 14:41	10/09/25 04:16	1
4-Methyl-2-pentanone (MIBK)	0.0047	U	0.0047	0.0015	mg/Kg	☼	10/08/25 14:41	10/09/25 04:16	1
Acetone	**0.21**		0.0056	0.0054	mg/Kg	☼	10/08/25 14:41	10/09/25 04:16	1
Benzene	0.00094	U	0.00094	0.00053	mg/Kg	☼	10/08/25 14:41	10/09/25 04:16	1
Bromoform	0.00094	U	0.00094	0.00040	mg/Kg	☼	10/08/25 14:41	10/09/25 04:16	1
Bromomethane	0.0019	U *	0.0019	0.00094	mg/Kg	☼	10/08/25 14:41	10/09/25 04:16	1

Client Sample ID: 48D3_3-4
Date Collected: 10/06/25 10:55
Date Received: 10/06/25 15:30

Lab Sample ID: 460-336556-36
Matrix: Solid
Percent Solids: 95.4

Method: SW846 8260D - Volatile Organic Compounds by GC/MS (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Carbon disulfide	0.00094	U	0.00094	0.00025	mg/Kg	☼	10/08/25 14:41	10/09/25 04:16	1
Carbon tetrachloride	0.00094	U	0.00094	0.00036	mg/Kg	☼	10/08/25 14:41	10/09/25 04:16	1
Chlorobenzene	0.00094	U	0.00094	0.00047	mg/Kg	☼	10/08/25 14:41	10/09/25 04:16	1
Chlorobromomethane	0.00094	U	0.00094	0.00056	mg/Kg	☼	10/08/25 14:41	10/09/25 04:16	1
Chlorodibromomethane	0.00094	U	0.00094	0.00050	mg/Kg	☼	10/08/25 14:41	10/09/25 04:16	1
Chloroethane	0.00094	U	0.00094	0.00049	mg/Kg	☼	10/08/25 14:41	10/09/25 04:16	1
Chloroform	0.00094	U	0.00094	0.00091	mg/Kg	☼	10/08/25 14:41	10/09/25 04:16	1
Chloromethane	0.00094	U	0.00094	0.00041	mg/Kg	☼	10/08/25 14:41	10/09/25 04:16	1
cis-1,2-Dichloroethene	0.00094	U	0.00094	0.00034	mg/Kg	☼	10/08/25 14:41	10/09/25 04:16	1
cis-1,3-Dichloropropene	0.00094	U	0.00094	0.00026	mg/Kg	☼	10/08/25 14:41	10/09/25 04:16	1
Cyclohexane	0.00094	U	0.00094	0.00021	mg/Kg	☼	10/08/25 14:41	10/09/25 04:16	1
Dichlorobromomethane	0.00094	U	0.00094	0.00024	mg/Kg	☼	10/08/25 14:41	10/09/25 04:16	1
Dichlorodifluoromethane	0.00094	U	0.00094	0.00032	mg/Kg	☼	10/08/25 14:41	10/09/25 04:16	1
Ethylbenzene	0.00094	U	0.00094	0.00044	mg/Kg	☼	10/08/25 14:41	10/09/25 04:16	1
Ethylene Dibromide	0.00094	U	0.00094	0.00047	mg/Kg	☼	10/08/25 14:41	10/09/25 04:16	1
Isopropylbenzene	0.00094	U	0.00094	0.00027	mg/Kg	☼	10/08/25 14:41	10/09/25 04:16	1
Methyl acetate	0.0047	U	0.0047	0.0040	mg/Kg	☼	10/08/25 14:41	10/09/25 04:16	1
Methyl tert-butyl ether	0.00094	U	0.00094	0.00048	mg/Kg	☼	10/08/25 14:41	10/09/25 04:16	1
Methylcyclohexane	0.00094	U	0.00094	0.00047	mg/Kg	☼	10/08/25 14:41	10/09/25 04:16	1
Methylene Chloride	0.0019	U	0.0019	0.0011	mg/Kg	☼	10/08/25 14:41	10/09/25 04:16	1
m-Xylene & p-Xylene	0.00094	U	0.00094	0.00040	mg/Kg	☼	10/08/25 14:41	10/09/25 04:16	1
n-Butylbenzene	0.00094	U	0.00094	0.00028	mg/Kg	☼	10/08/25 14:41	10/09/25 04:16	1
N-Propylbenzene	0.00094	U	0.00094	0.00042	mg/Kg	☼	10/08/25 14:41	10/09/25 04:16	1
o-Xylene	0.00094	U	0.00094	0.00043	mg/Kg	☼	10/08/25 14:41	10/09/25 04:16	1
sec-Butylbenzene	0.00094	U	0.00094	0.00027	mg/Kg	☼	10/08/25 14:41	10/09/25 04:16	1
Styrene	0.00094	U	0.00094	0.00026	mg/Kg	☼	10/08/25 14:41	10/09/25 04:16	1
tert-Butylbenzene	0.00094	U	0.00094	0.00026	mg/Kg	☼	10/08/25 14:41	10/09/25 04:16	1
Tetrachloroethene	0.00094	U	0.00094	0.00029	mg/Kg	☼	10/08/25 14:41	10/09/25 04:16	1
Toluene	0.00094	U	0.00094	0.00022	mg/Kg	☼	10/08/25 14:41	10/09/25 04:16	1
trans-1,2-Dichloroethene	0.00094	U	0.00094	0.00023	mg/Kg	☼	10/08/25 14:41	10/09/25 04:16	1
trans-1,3-Dichloropropene	0.00094	U	0.00094	0.00025	mg/Kg	☼	10/08/25 14:41	10/09/25 04:16	1
Trichloroethene	0.00094	U	0.00094	0.00030	mg/Kg	☼	10/08/25 14:41	10/09/25 04:16	1
Trichlorofluoromethane	0.00094	U	0.00094	0.00038	mg/Kg	☼	10/08/25 14:41	10/09/25 04:16	1
Vinyl chloride	0.00094	U	0.00094	0.00051	mg/Kg	☼	10/08/25 14:41	10/09/25 04:16	1
Xylenes, Total	0.0019	U	0.0019	0.00016	mg/Kg	☼	10/08/25 14:41	10/09/25 04:16	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,2-Dichloroethane-d4 (Surr)	*113*		*65 - 138*	*10/08/25 14:41*	*10/09/25 04:16*	*1*
4-Bromofluorobenzene	*106*		*71 - 128*	*10/08/25 14:41*	*10/09/25 04:16*	*1*
Dibromofluoromethane (Surr)	*120*		*50 - 150*	*10/08/25 14:41*	*10/09/25 04:16*	*1*
Toluene-d8 (Surr)	*97*		*71 - 126*	*10/08/25 14:41*	*10/09/25 04:16*	*1*

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Percent Moisture (EPA Moisture)	**4.6**		1.0	1.0	%			10/09/25 11:12	1
Percent Solids (EPA Moisture)	**95.4**		1.0	1.0	%			10/09/25 11:12	1

Client: Haley & Aldrich, Inc.
Project/Site: Former Port Mobil

Job ID: 460-336556-1

Client Sample ID: 48D1_4-5
Date Collected: 10/06/25 11:00
Date Received: 10/06/25 15:30

Lab Sample ID: 460-336556-37
Matrix: Solid
Percent Solids: 95.5

Method: SW846 8260D - Volatile Organic Compounds by GC/MS

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1-Trichloroethane	0.0010	U	0.0010	0.00024	mg/Kg	☼	10/08/25 14:42	10/09/25 04:39	1
1,1,2,2-Tetrachloroethane	0.0010	U	0.0010	0.00053	mg/Kg	☼	10/08/25 14:42	10/09/25 04:39	1
1,1,2-Trichloro-1,2,2-trifluoroethane	0.0010	U	0.0010	0.00031	mg/Kg	☼	10/08/25 14:42	10/09/25 04:39	1
1,1,2-Trichloroethane	0.0010	U	0.0010	0.00061	mg/Kg	☼	10/08/25 14:42	10/09/25 04:39	1
1,1-Dichloroethane	0.0010	U	0.0010	0.00061	mg/Kg	☼	10/08/25 14:42	10/09/25 04:39	1
1,1-Dichloroethene	0.0010	U	0.0010	0.00023	mg/Kg	☼	10/08/25 14:42	10/09/25 04:39	1
1,2,3-Trichlorobenzene	0.0010	U	0.0010	0.00075	mg/Kg	☼	10/08/25 14:42	10/09/25 04:39	1
1,2,4-Trichlorobenzene	0.0010	U	0.0010	0.00036	mg/Kg	☼	10/08/25 14:42	10/09/25 04:39	1
1,2,4-Trimethylbenzene	0.0010	U	0.0010	0.00025	mg/Kg	☼	10/08/25 14:42	10/09/25 04:39	1
1,2-Dibromo-3-Chloropropane	0.0010	U	0.0010	0.00047	mg/Kg	☼	10/08/25 14:42	10/09/25 04:39	1
1,2-Dichlorobenzene	0.0010	U	0.0010	0.00037	mg/Kg	☼	10/08/25 14:42	10/09/25 04:39	1
1,2-Dichloroethane	0.0010	U	0.0010	0.00030	mg/Kg	☼	10/08/25 14:42	10/09/25 04:39	1
1,2-Dichloropropane	0.0010	U	0.0010	0.00043	mg/Kg	☼	10/08/25 14:42	10/09/25 04:39	1
1,3,5-Trimethylbenzene	0.0010	U	0.0010	0.00032	mg/Kg	☼	10/08/25 14:42	10/09/25 04:39	1
1,3-Dichlorobenzene	0.0010	U	0.0010	0.00037	mg/Kg	☼	10/08/25 14:42	10/09/25 04:39	1
1,4-Dichlorobenzene	0.0010	U	0.0010	0.00053	mg/Kg	☼	10/08/25 14:42	10/09/25 04:39	1
2-Butanone (MEK)	0.0051	U	0.0051	0.00037	mg/Kg	☼	10/08/25 14:42	10/09/25 04:39	1
2-Hexanone	0.0051	U	0.0051	0.0017	mg/Kg	☼	10/08/25 14:42	10/09/25 04:39	1
4-Methyl-2-pentanone (MIBK)	0.0051	U	0.0051	0.0016	mg/Kg	☼	10/08/25 14:42	10/09/25 04:39	1
Acetone	**0.062**		0.0061	0.0058	mg/Kg	☼	10/08/25 14:42	10/09/25 04:39	1
Benzene	0.0010	U	0.0010	0.00058	mg/Kg	☼	10/08/25 14:42	10/09/25 04:39	1
Bromoform	0.0010	U	0.0010	0.00043	mg/Kg	☼	10/08/25 14:42	10/09/25 04:39	1
Bromomethane	0.0020	U *	0.0020	0.0010	mg/Kg	☼	10/08/25 14:42	10/09/25 04:39	1
Carbon disulfide	0.0010	U	0.0010	0.00027	mg/Kg	☼	10/08/25 14:42	10/09/25 04:39	1
Carbon tetrachloride	0.0010	U	0.0010	0.00039	mg/Kg	☼	10/08/25 14:42	10/09/25 04:39	1
Chlorobenzene	0.0010	U	0.0010	0.00051	mg/Kg	☼	10/08/25 14:42	10/09/25 04:39	1
Chlorobromomethane	0.0010	U	0.0010	0.00060	mg/Kg	☼	10/08/25 14:42	10/09/25 04:39	1
Chlorodibromomethane	0.0010	U	0.0010	0.00054	mg/Kg	☼	10/08/25 14:42	10/09/25 04:39	1
Chloroethane	0.0010	U	0.0010	0.00053	mg/Kg	☼	10/08/25 14:42	10/09/25 04:39	1
Chloroform	0.0010	U	0.0010	0.00099	mg/Kg	☼	10/08/25 14:42	10/09/25 04:39	1
Chloromethane	0.0010	U	0.0010	0.00044	mg/Kg	☼	10/08/25 14:42	10/09/25 04:39	1
cis-1,2-Dichloroethene	0.0010	U	0.0010	0.00036	mg/Kg	☼	10/08/25 14:42	10/09/25 04:39	1
cis-1,3-Dichloropropene	0.0010	U	0.0010	0.00028	mg/Kg	☼	10/08/25 14:42	10/09/25 04:39	1
Cyclohexane	0.0010	U	0.0010	0.00022	mg/Kg	☼	10/08/25 14:42	10/09/25 04:39	1
Dichlorobromomethane	0.0010	U	0.0010	0.00026	mg/Kg	☼	10/08/25 14:42	10/09/25 04:39	1
Dichlorodifluoromethane	0.0010	U	0.0010	0.00034	mg/Kg	☼	10/08/25 14:42	10/09/25 04:39	1
Ethylbenzene	0.0010	U	0.0010	0.00047	mg/Kg	☼	10/08/25 14:42	10/09/25 04:39	1
Ethylene Dibromide	0.0010	U	0.0010	0.00051	mg/Kg	☼	10/08/25 14:42	10/09/25 04:39	1
Isopropylbenzene	0.0010	U	0.0010	0.00029	mg/Kg	☼	10/08/25 14:42	10/09/25 04:39	1
Methyl acetate	0.0051	U	0.0051	0.0044	mg/Kg	☼	10/08/25 14:42	10/09/25 04:39	1
Methyl tert-butyl ether	0.0010	U	0.0010	0.00052	mg/Kg	☼	10/08/25 14:42	10/09/25 04:39	1
Methylcyclohexane	0.0010	U	0.0010	0.00051	mg/Kg	☼	10/08/25 14:42	10/09/25 04:39	1
Methylene Chloride	0.0020	U	0.0020	0.0012	mg/Kg	☼	10/08/25 14:42	10/09/25 04:39	1
m-Xylene & p-Xylene	0.0010	U	0.0010	0.00043	mg/Kg	☼	10/08/25 14:42	10/09/25 04:39	1
n-Butylbenzene	0.0010	U	0.0010	0.00030	mg/Kg	☼	10/08/25 14:42	10/09/25 04:39	1
N-Propylbenzene	0.0010	U	0.0010	0.00046	mg/Kg	☼	10/08/25 14:42	10/09/25 04:39	1
o-Xylene	0.0010	U	0.0010	0.00047	mg/Kg	☼	10/08/25 14:42	10/09/25 04:39	1
sec-Butylbenzene	0.0010	U	0.0010	0.00029	mg/Kg	☼	10/08/25 14:42	10/09/25 04:39	1
Styrene	0.0010	U	0.0010	0.00028	mg/Kg	☼	10/08/25 14:42	10/09/25 04:39	1

Client Sample ID: 48D1_4-5

Date Collected: 10/06/25 11:00
Date Received: 10/06/25 15:30

Lab Sample ID: 460-336556-37

Matrix: Solid
Percent Solids: 95.5

Method: SW846 8260D - Volatile Organic Compounds by GC/MS (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
tert-Butylbenzene	0.0010	U	0.0010	0.00028	mg/Kg	☼	10/08/25 14:42	10/09/25 04:39	1
Tetrachloroethene	0.0010	U	0.0010	0.00031	mg/Kg	☼	10/08/25 14:42	10/09/25 04:39	1
Toluene	0.0010	U	0.0010	0.00024	mg/Kg	☼	10/08/25 14:42	10/09/25 04:39	1
trans-1,2-Dichloroethene	0.0010	U	0.0010	0.00025	mg/Kg	☼	10/08/25 14:42	10/09/25 04:39	1
trans-1,3-Dichloropropene	0.0010	U	0.0010	0.00027	mg/Kg	☼	10/08/25 14:42	10/09/25 04:39	1
Trichloroethene	0.0010	U	0.0010	0.00033	mg/Kg	☼	10/08/25 14:42	10/09/25 04:39	1
Trichlorofluoromethane	0.0010	U	0.0010	0.00041	mg/Kg	☼	10/08/25 14:42	10/09/25 04:39	1
Vinyl chloride	0.0010	U	0.0010	0.00055	mg/Kg	☼	10/08/25 14:42	10/09/25 04:39	1
Xylenes, Total	0.0020	U	0.0020	0.00018	mg/Kg	☼	10/08/25 14:42	10/09/25 04:39	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,2-Dichloroethane-d4 (Surr)	*116*		*65 - 138*	*10/08/25 14:42*	*10/09/25 04:39*	*1*
4-Bromofluorobenzene	*103*		*71 - 128*	*10/08/25 14:42*	*10/09/25 04:39*	*1*
Dibromofluoromethane (Surr)	*120*		*50 - 150*	*10/08/25 14:42*	*10/09/25 04:39*	*1*
Toluene-d8 (Surr)	*97*		*71 - 126*	*10/08/25 14:42*	*10/09/25 04:39*	*1*

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Percent Moisture (EPA Moisture)	**4.5**		1.0	1.0	%			10/09/25 11:12	1
Percent Solids (EPA Moisture)	**95.5**		1.0	1.0	%			10/09/25 11:12	1

Client Sample ID: 48D2_5-6

Date Collected: 10/06/25 11:05
Date Received: 10/06/25 15:30

Lab Sample ID: 460-336556-38

Matrix: Solid
Percent Solids: 94.3

Method: SW846 8260D - Volatile Organic Compounds by GC/MS

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1-Trichloroethane	0.0015	U	0.0015	0.00034	mg/Kg	☼	10/08/25 14:42	10/09/25 05:02	1
1,1,2,2-Tetrachloroethane	0.0015	U	0.0015	0.00077	mg/Kg	☼	10/08/25 14:42	10/09/25 05:02	1
1,1,2-Trichloro-1,2,2-trifluoroethane	0.0015	U	0.0015	0.00044	mg/Kg	☼	10/08/25 14:42	10/09/25 05:02	1
1,1,2-Trichloroethane	0.0015	U	0.0015	0.00089	mg/Kg	☼	10/08/25 14:42	10/09/25 05:02	1
1,1-Dichloroethane	0.0015	U	0.0015	0.00088	mg/Kg	☼	10/08/25 14:42	10/09/25 05:02	1
1,1-Dichloroethene	0.0015	U	0.0015	0.00033	mg/Kg	☼	10/08/25 14:42	10/09/25 05:02	1
1,2,3-Trichlorobenzene	0.0015	U	0.0015	0.0011	mg/Kg	☼	10/08/25 14:42	10/09/25 05:02	1
1,2,4-Trichlorobenzene	0.0015	U	0.0015	0.00053	mg/Kg	☼	10/08/25 14:42	10/09/25 05:02	1
1,2,4-Trimethylbenzene	0.0015	U	0.0015	0.00036	mg/Kg	☼	10/08/25 14:42	10/09/25 05:02	1
1,2-Dibromo-3-Chloropropane	0.0015	U	0.0015	0.00068	mg/Kg	☼	10/08/25 14:42	10/09/25 05:02	1
1,2-Dichlorobenzene	0.0015	U	0.0015	0.00053	mg/Kg	☼	10/08/25 14:42	10/09/25 05:02	1
1,2-Dichloroethane	0.0015	U	0.0015	0.00044	mg/Kg	☼	10/08/25 14:42	10/09/25 05:02	1
1,2-Dichloropropane	0.0015	U	0.0015	0.00062	mg/Kg	☼	10/08/25 14:42	10/09/25 05:02	1
1,3,5-Trimethylbenzene	0.0015	U	0.0015	0.00046	mg/Kg	☼	10/08/25 14:42	10/09/25 05:02	1
1,3-Dichlorobenzene	0.0015	U	0.0015	0.00054	mg/Kg	☼	10/08/25 14:42	10/09/25 05:02	1
1,4-Dichlorobenzene	0.0015	U	0.0015	0.00077	mg/Kg	☼	10/08/25 14:42	10/09/25 05:02	1
2-Butanone (MEK)	0.0074	U	0.0074	0.00054	mg/Kg	☼	10/08/25 14:42	10/09/25 05:02	1
2-Hexanone	0.0074	U	0.0074	0.0025	mg/Kg	☼	10/08/25 14:42	10/09/25 05:02	1
4-Methyl-2-pentanone (MIBK)	0.0074	U	0.0074	0.0023	mg/Kg	☼	10/08/25 14:42	10/09/25 05:02	1
Acetone	**0.087**		0.0089	0.0084	mg/Kg	☼	10/08/25 14:42	10/09/25 05:02	1
Benzene	0.0015	U	0.0015	0.00084	mg/Kg	☼	10/08/25 14:42	10/09/25 05:02	1
Bromoform	0.0015	U	0.0015	0.00063	mg/Kg	☼	10/08/25 14:42	10/09/25 05:02	1
Bromomethane	0.0030	U *	0.0030	0.0015	mg/Kg	☼	10/08/25 14:42	10/09/25 05:02	1

Client Sample ID: 48D2_5-6
Date Collected: 10/06/25 11:05
Date Received: 10/06/25 15:30

Lab Sample ID: 460-336556-38
Matrix: Solid
Percent Solids: 94.3

Method: SW846 8260D - Volatile Organic Compounds by GC/MS (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Carbon disulfide	0.0015	U	0.0015	0.00039	mg/Kg	☼	10/08/25 14:42	10/09/25 05:02	1
Carbon tetrachloride	0.0015	U	0.0015	0.00057	mg/Kg	☼	10/08/25 14:42	10/09/25 05:02	1
Chlorobenzene	0.0015	U	0.0015	0.00075	mg/Kg	☼	10/08/25 14:42	10/09/25 05:02	1
Chlorobromomethane	0.0015	U	0.0015	0.00088	mg/Kg	☼	10/08/25 14:42	10/09/25 05:02	1
Chlorodibromomethane	0.0015	U	0.0015	0.00079	mg/Kg	☼	10/08/25 14:42	10/09/25 05:02	1
Chloroethane	0.0015	U	0.0015	0.00077	mg/Kg	☼	10/08/25 14:42	10/09/25 05:02	1
Chloroform	0.0015	U	0.0015	0.0014	mg/Kg	☼	10/08/25 14:42	10/09/25 05:02	1
Chloromethane	0.0015	U	0.0015	0.00064	mg/Kg	☼	10/08/25 14:42	10/09/25 05:02	1
cis-1,2-Dichloroethene	0.0015	U	0.0015	0.00053	mg/Kg	☼	10/08/25 14:42	10/09/25 05:02	1
cis-1,3-Dichloropropene	0.0015	U	0.0015	0.00040	mg/Kg	☼	10/08/25 14:42	10/09/25 05:02	1
Cyclohexane	0.0015	U	0.0015	0.00033	mg/Kg	☼	10/08/25 14:42	10/09/25 05:02	1
Dichlorobromomethane	0.0015	U	0.0015	0.00038	mg/Kg	☼	10/08/25 14:42	10/09/25 05:02	1
Dichlorodifluoromethane	0.0015	U	0.0015	0.00050	mg/Kg	☼	10/08/25 14:42	10/09/25 05:02	1
Ethylbenzene	0.0015	U	0.0015	0.00069	mg/Kg	☼	10/08/25 14:42	10/09/25 05:02	1
Ethylene Dibromide	0.0015	U	0.0015	0.00074	mg/Kg	☼	10/08/25 14:42	10/09/25 05:02	1
Isopropylbenzene	0.0015	U	0.0015	0.00042	mg/Kg	☼	10/08/25 14:42	10/09/25 05:02	1
Methyl acetate	0.0074	U	0.0074	0.0063	mg/Kg	☼	10/08/25 14:42	10/09/25 05:02	1
Methyl tert-butyl ether	0.0015	U	0.0015	0.00076	mg/Kg	☼	10/08/25 14:42	10/09/25 05:02	1
Methylcyclohexane	0.0015	U	0.0015	0.00074	mg/Kg	☼	10/08/25 14:42	10/09/25 05:02	1
Methylene Chloride	0.0030	U	0.0030	0.0017	mg/Kg	☼	10/08/25 14:42	10/09/25 05:02	1
m-Xylene & p-Xylene	0.0015	U	0.0015	0.00062	mg/Kg	☼	10/08/25 14:42	10/09/25 05:02	1
n-Butylbenzene	0.0015	U	0.0015	0.00043	mg/Kg	☼	10/08/25 14:42	10/09/25 05:02	1
N-Propylbenzene	0.0015	U	0.0015	0.00066	mg/Kg	☼	10/08/25 14:42	10/09/25 05:02	1
o-Xylene	0.0015	U	0.0015	0.00068	mg/Kg	☼	10/08/25 14:42	10/09/25 05:02	1
sec-Butylbenzene	0.0015	U	0.0015	0.00043	mg/Kg	☼	10/08/25 14:42	10/09/25 05:02	1
Styrene	0.0015	U	0.0015	0.00041	mg/Kg	☼	10/08/25 14:42	10/09/25 05:02	1
tert-Butylbenzene	0.0015	U	0.0015	0.00041	mg/Kg	☼	10/08/25 14:42	10/09/25 05:02	1
Tetrachloroethene	0.0015	U	0.0015	0.00045	mg/Kg	☼	10/08/25 14:42	10/09/25 05:02	1
Toluene	0.0015	U	0.0015	0.00035	mg/Kg	☼	10/08/25 14:42	10/09/25 05:02	1
trans-1,2-Dichloroethene	0.0015	U	0.0015	0.00036	mg/Kg	☼	10/08/25 14:42	10/09/25 05:02	1
trans-1,3-Dichloropropene	0.0015	U	0.0015	0.00039	mg/Kg	☼	10/08/25 14:42	10/09/25 05:02	1
Trichloroethene	0.0015	U	0.0015	0.00047	mg/Kg	☼	10/08/25 14:42	10/09/25 05:02	1
Trichlorofluoromethane	0.0015	U	0.0015	0.00060	mg/Kg	☼	10/08/25 14:42	10/09/25 05:02	1
Vinyl chloride	0.0015	U	0.0015	0.00081	mg/Kg	☼	10/08/25 14:42	10/09/25 05:02	1
Xylenes, Total	0.0030	U	0.0030	0.00026	mg/Kg	☼	10/08/25 14:42	10/09/25 05:02	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,2-Dichloroethane-d4 (Surr)	*110*		*65 - 138*	*10/08/25 14:42*	*10/09/25 05:02*	*1*
4-Bromofluorobenzene	*104*		*71 - 128*	*10/08/25 14:42*	*10/09/25 05:02*	*1*
Dibromofluoromethane (Surr)	*119*		*50 - 150*	*10/08/25 14:42*	*10/09/25 05:02*	*1*
Toluene-d8 (Surr)	*95*		*71 - 126*	*10/08/25 14:42*	*10/09/25 05:02*	*1*

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Percent Moisture (EPA Moisture)	5.7		1.0	1.0	%			10/09/25 11:12	1
Percent Solids (EPA Moisture)	94.3		1.0	1.0	%			10/09/25 11:12	1

Client Sample ID: 48D3_5-6
Date Collected: 10/06/25 11:10
Date Received: 10/06/25 15:30

Lab Sample ID: 460-336556-39
Matrix: Solid
Percent Solids: 95.7

Method: SW846 8260D - Volatile Organic Compounds by GC/MS

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1-Trichloroethane	0.00099	U	0.00099	0.00023	mg/Kg	☼	10/08/25 14:42	10/09/25 05:25	1
1,1,2,2-Tetrachloroethane	0.00099	U	0.00099	0.00051	mg/Kg	☼	10/08/25 14:42	10/09/25 05:25	1
1,1,2-Trichloro-1,2,2-trifluoroethane	0.00099	U	0.00099	0.00030	mg/Kg	☼	10/08/25 14:42	10/09/25 05:25	1
1,1,2-Trichloroethane	0.00099	U	0.00099	0.00059	mg/Kg	☼	10/08/25 14:42	10/09/25 05:25	1
1,1-Dichloroethane	0.00099	U	0.00099	0.00059	mg/Kg	☼	10/08/25 14:42	10/09/25 05:25	1
1,1-Dichloroethene	0.00099	U	0.00099	0.00022	mg/Kg	☼	10/08/25 14:42	10/09/25 05:25	1
1,2,3-Trichlorobenzene	0.00099	U	0.00099	0.00073	mg/Kg	☼	10/08/25 14:42	10/09/25 05:25	1
1,2,4-Trichlorobenzene	0.00099	U	0.00099	0.00035	mg/Kg	☼	10/08/25 14:42	10/09/25 05:25	1
1,2,4-Trimethylbenzene	0.00099	U	0.00099	0.00024	mg/Kg	☼	10/08/25 14:42	10/09/25 05:25	1
1,2-Dibromo-3-Chloropropane	0.00099	U	0.00099	0.00045	mg/Kg	☼	10/08/25 14:42	10/09/25 05:25	1
1,2-Dichlorobenzene	0.00099	U	0.00099	0.00036	mg/Kg	☼	10/08/25 14:42	10/09/25 05:25	1
1,2-Dichloroethane	0.00099	U	0.00099	0.00029	mg/Kg	☼	10/08/25 14:42	10/09/25 05:25	1
1,2-Dichloropropane	0.00099	U	0.00099	0.00042	mg/Kg	☼	10/08/25 14:42	10/09/25 05:25	1
1,3,5-Trimethylbenzene	0.00099	U	0.00099	0.00031	mg/Kg	☼	10/08/25 14:42	10/09/25 05:25	1
1,3-Dichlorobenzene	0.00099	U	0.00099	0.00036	mg/Kg	☼	10/08/25 14:42	10/09/25 05:25	1
1,4-Dichlorobenzene	0.00099	U	0.00099	0.00051	mg/Kg	☼	10/08/25 14:42	10/09/25 05:25	1
2-Butanone (MEK)	0.0049	U	0.0049	0.00036	mg/Kg	☼	10/08/25 14:42	10/09/25 05:25	1
2-Hexanone	0.0049	U	0.0049	0.0017	mg/Kg	☼	10/08/25 14:42	10/09/25 05:25	1
4-Methyl-2-pentanone (MIBK)	0.0049	U	0.0049	0.0015	mg/Kg	☼	10/08/25 14:42	10/09/25 05:25	1
Acetone	0.0059	U	0.0059	0.0056	mg/Kg	☼	10/08/25 14:42	10/09/25 05:25	1
Benzene	0.00099	U	0.00099	0.00056	mg/Kg	☼	10/08/25 14:42	10/09/25 05:25	1
Bromoform	0.00099	U	0.00099	0.00042	mg/Kg	☼	10/08/25 14:42	10/09/25 05:25	1
Bromomethane	0.0020	U *	0.0020	0.00099	mg/Kg	☼	10/08/25 14:42	10/09/25 05:25	1
Carbon disulfide	0.00099	U	0.00099	0.00026	mg/Kg	☼	10/08/25 14:42	10/09/25 05:25	1
Carbon tetrachloride	0.00099	U	0.00099	0.00038	mg/Kg	☼	10/08/25 14:42	10/09/25 05:25	1
Chlorobenzene	0.00099	U	0.00099	0.00050	mg/Kg	☼	10/08/25 14:42	10/09/25 05:25	1
Chlorobromomethane	0.00099	U	0.00099	0.00059	mg/Kg	☼	10/08/25 14:42	10/09/25 05:25	1
Chlorodibromomethane	0.00099	U	0.00099	0.00053	mg/Kg	☼	10/08/25 14:42	10/09/25 05:25	1
Chloroethane	0.00099	U	0.00099	0.00051	mg/Kg	☼	10/08/25 14:42	10/09/25 05:25	1
Chloroform	0.00099	U	0.00099	0.00096	mg/Kg	☼	10/08/25 14:42	10/09/25 05:25	1
Chloromethane	0.00099	U	0.00099	0.00043	mg/Kg	☼	10/08/25 14:42	10/09/25 05:25	1
cis-1,2-Dichloroethene	0.00099	U	0.00099	0.00035	mg/Kg	☼	10/08/25 14:42	10/09/25 05:25	1
cis-1,3-Dichloropropene	0.00099	U	0.00099	0.00027	mg/Kg	☼	10/08/25 14:42	10/09/25 05:25	1
Cyclohexane	0.00099	U	0.00099	0.00022	mg/Kg	☼	10/08/25 14:42	10/09/25 05:25	1
Dichlorobromomethane	0.00099	U	0.00099	0.00025	mg/Kg	☼	10/08/25 14:42	10/09/25 05:25	1
Dichlorodifluoromethane	0.00099	U	0.00099	0.00033	mg/Kg	☼	10/08/25 14:42	10/09/25 05:25	1
Ethylbenzene	0.00099	U	0.00099	0.00046	mg/Kg	☼	10/08/25 14:42	10/09/25 05:25	1
Ethylene Dibromide	0.00099	U	0.00099	0.00050	mg/Kg	☼	10/08/25 14:42	10/09/25 05:25	1
Isopropylbenzene	0.00099	U	0.00099	0.00028	mg/Kg	☼	10/08/25 14:42	10/09/25 05:25	1
Methyl acetate	0.0049	U	0.0049	0.0042	mg/Kg	☼	10/08/25 14:42	10/09/25 05:25	1
Methyl tert-butyl ether	0.00099	U	0.00099	0.00050	mg/Kg	☼	10/08/25 14:42	10/09/25 05:25	1
Methylcyclohexane	0.00099	U	0.00099	0.00049	mg/Kg	☼	10/08/25 14:42	10/09/25 05:25	1
Methylene Chloride	0.0020	U	0.0020	0.0011	mg/Kg	☼	10/08/25 14:42	10/09/25 05:25	1
m-Xylene & p-Xylene	0.00099	U	0.00099	0.00042	mg/Kg	☼	10/08/25 14:42	10/09/25 05:25	1
n-Butylbenzene	0.00099	U	0.00099	0.00029	mg/Kg	☼	10/08/25 14:42	10/09/25 05:25	1
N-Propylbenzene	0.00099	U	0.00099	0.00044	mg/Kg	☼	10/08/25 14:42	10/09/25 05:25	1
o-Xylene	0.00099	U	0.00099	0.00045	mg/Kg	☼	10/08/25 14:42	10/09/25 05:25	1
sec-Butylbenzene	0.00099	U	0.00099	0.00028	mg/Kg	☼	10/08/25 14:42	10/09/25 05:25	1
Styrene	0.00099	U	0.00099	0.00027	mg/Kg	☼	10/08/25 14:42	10/09/25 05:25	1

Client Sample ID: 48D3_5-6

Lab Sample ID: 460-336556-39

Date Collected: 10/06/25 11:10

Matrix: Solid

Date Received: 10/06/25 15:30

Percent Solids: 95.7

Method: SW846 8260D - Volatile Organic Compounds by GC/MS (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
tert-Butylbenzene	0.00099	U	0.00099	0.00027	mg/Kg	☼	10/08/25 14:42	10/09/25 05:25	1
Tetrachloroethene	0.00099	U	0.00099	0.00030	mg/Kg	☼	10/08/25 14:42	10/09/25 05:25	1
Toluene	0.00099	U	0.00099	0.00023	mg/Kg	☼	10/08/25 14:42	10/09/25 05:25	1
trans-1,2-Dichloroethene	0.00099	U	0.00099	0.00024	mg/Kg	☼	10/08/25 14:42	10/09/25 05:25	1
trans-1,3-Dichloropropene	0.00099	U	0.00099	0.00026	mg/Kg	☼	10/08/25 14:42	10/09/25 05:25	1
Trichloroethene	0.00099	U	0.00099	0.00032	mg/Kg	☼	10/08/25 14:42	10/09/25 05:25	1
Trichlorofluoromethane	0.00099	U	0.00099	0.00040	mg/Kg	☼	10/08/25 14:42	10/09/25 05:25	1
Vinyl chloride	0.00099	U	0.00099	0.00054	mg/Kg	☼	10/08/25 14:42	10/09/25 05:25	1
Xylenes, Total	0.0020	U	0.0020	0.00017	mg/Kg	☼	10/08/25 14:42	10/09/25 05:25	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,2-Dichloroethane-d4 (Surr)	*114*		*65 - 138*	*10/08/25 14:42*	*10/09/25 05:25*	*1*
4-Bromofluorobenzene	*100*		*71 - 128*	*10/08/25 14:42*	*10/09/25 05:25*	*1*
Dibromofluoromethane (Surr)	*122*		*50 - 150*	*10/08/25 14:42*	*10/09/25 05:25*	*1*
Toluene-d8 (Surr)	*95*		*71 - 126*	*10/08/25 14:42*	*10/09/25 05:25*	*1*

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Percent Moisture (EPA Moisture)	**4.3**		1.0	1.0	%			10/09/25 11:12	1
Percent Solids (EPA Moisture)	**95.7**		1.0	1.0	%			10/09/25 11:12	1

Client Sample ID: 48D1_2-3

Lab Sample ID: 460-336556-40

Date Collected: 10/06/25 11:15

Matrix: Solid

Date Received: 10/06/25 15:30

Percent Solids: 95.1

Method: SW846 8260D - Volatile Organic Compounds by GC/MS

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1-Trichloroethane	0.0011	U	0.0011	0.00025	mg/Kg	☼	10/08/25 14:43	10/09/25 05:48	1
1,1,2,2-Tetrachloroethane	0.0011	U	0.0011	0.00056	mg/Kg	☼	10/08/25 14:43	10/09/25 05:48	1
1,1,2-Trichloro-1,2,2-trifluoroethane	0.0011	U	0.0011	0.00032	mg/Kg	☼	10/08/25 14:43	10/09/25 05:48	1
1,1,2-Trichloroethane	0.0011	U	0.0011	0.00065	mg/Kg	☼	10/08/25 14:43	10/09/25 05:48	1
1,1-Dichloroethane	0.0011	U	0.0011	0.00064	mg/Kg	☼	10/08/25 14:43	10/09/25 05:48	1
1,1-Dichloroethene	0.0011	U	0.0011	0.00024	mg/Kg	☼	10/08/25 14:43	10/09/25 05:48	1
1,2,3-Trichlorobenzene	0.0011	U	0.0011	0.00080	mg/Kg	☼	10/08/25 14:43	10/09/25 05:48	1
1,2,4-Trichlorobenzene	0.0011	U	0.0011	0.00039	mg/Kg	☼	10/08/25 14:43	10/09/25 05:48	1
1,2,4-Trimethylbenzene	0.0011	U	0.0011	0.00027	mg/Kg	☼	10/08/25 14:43	10/09/25 05:48	1
1,2-Dibromo-3-Chloropropane	0.0011	U	0.0011	0.00050	mg/Kg	☼	10/08/25 14:43	10/09/25 05:48	1
1,2-Dichlorobenzene	0.0011	U	0.0011	0.00039	mg/Kg	☼	10/08/25 14:43	10/09/25 05:48	1
1,2-Dichloroethane	0.0011	U	0.0011	0.00032	mg/Kg	☼	10/08/25 14:43	10/09/25 05:48	1
1,2-Dichloropropane	0.0011	U	0.0011	0.00046	mg/Kg	☼	10/08/25 14:43	10/09/25 05:48	1
1,3,5-Trimethylbenzene	0.0011	U	0.0011	0.00034	mg/Kg	☼	10/08/25 14:43	10/09/25 05:48	1
1,3-Dichlorobenzene	0.0011	U	0.0011	0.00039	mg/Kg	☼	10/08/25 14:43	10/09/25 05:48	1
1,4-Dichlorobenzene	0.0011	U	0.0011	0.00056	mg/Kg	☼	10/08/25 14:43	10/09/25 05:48	1
2-Butanone (MEK)	0.0054	U	0.0054	0.00040	mg/Kg	☼	10/08/25 14:43	10/09/25 05:48	1
2-Hexanone	0.0054	U	0.0054	0.0018	mg/Kg	☼	10/08/25 14:43	10/09/25 05:48	1
4-Methyl-2-pentanone (MIBK)	0.0054	U	0.0054	0.0017	mg/Kg	☼	10/08/25 14:43	10/09/25 05:48	1
Acetone	**0.12**		0.0065	0.0062	mg/Kg	☼	10/08/25 14:43	10/09/25 05:48	1
Benzene	0.0011	U	0.0011	0.00061	mg/Kg	☼	10/08/25 14:43	10/09/25 05:48	1
Bromoform	0.0011	U	0.0011	0.00046	mg/Kg	☼	10/08/25 14:43	10/09/25 05:48	1
Bromomethane	0.0022	U *	0.0022	0.0011	mg/Kg	☼	10/08/25 14:43	10/09/25 05:48	1

Client Sample ID: 48D1_2-3
Date Collected: 10/06/25 11:15
Date Received: 10/06/25 15:30

Lab Sample ID: 460-336556-40
Matrix: Solid
Percent Solids: 95.1

Method: SW846 8260D - Volatile Organic Compounds by GC/MS (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Carbon disulfide	0.0011	U	0.0011	0.00029	mg/Kg	☼	10/08/25 14:43	10/09/25 05:48	1
Carbon tetrachloride	0.0011	U	0.0011	0.00042	mg/Kg	☼	10/08/25 14:43	10/09/25 05:48	1
Chlorobenzene	0.0011	U	0.0011	0.00055	mg/Kg	☼	10/08/25 14:43	10/09/25 05:48	1
Chlorobromomethane	0.0011	U	0.0011	0.00064	mg/Kg	☼	10/08/25 14:43	10/09/25 05:48	1
Chlorodibromomethane	0.0011	U	0.0011	0.00058	mg/Kg	☼	10/08/25 14:43	10/09/25 05:48	1
Chloroethane	0.0011	U	0.0011	0.00056	mg/Kg	☼	10/08/25 14:43	10/09/25 05:48	1
Chloroform	0.0011	U	0.0011	0.0010	mg/Kg	☼	10/08/25 14:43	10/09/25 05:48	1
Chloromethane	0.0011	U	0.0011	0.00047	mg/Kg	☼	10/08/25 14:43	10/09/25 05:48	1
cis-1,2-Dichloroethene	0.0011	U	0.0011	0.00039	mg/Kg	☼	10/08/25 14:43	10/09/25 05:48	1
cis-1,3-Dichloropropene	0.0011	U	0.0011	0.00029	mg/Kg	☼	10/08/25 14:43	10/09/25 05:48	1
Cyclohexane	0.0011	U	0.0011	0.00024	mg/Kg	☼	10/08/25 14:43	10/09/25 05:48	1
Dichlorobromomethane	0.0011	U	0.0011	0.00028	mg/Kg	☼	10/08/25 14:43	10/09/25 05:48	1
Dichlorodifluoromethane	0.0011	U	0.0011	0.00036	mg/Kg	☼	10/08/25 14:43	10/09/25 05:48	1
Ethylbenzene	0.0011	U	0.0011	0.00050	mg/Kg	☼	10/08/25 14:43	10/09/25 05:48	1
Ethylene Dibromide	0.0011	U	0.0011	0.00054	mg/Kg	☼	10/08/25 14:43	10/09/25 05:48	1
Isopropylbenzene	0.0011	U	0.0011	0.00031	mg/Kg	☼	10/08/25 14:43	10/09/25 05:48	1
Methyl acetate	0.0054	U	0.0054	0.0046	mg/Kg	☼	10/08/25 14:43	10/09/25 05:48	1
Methyl tert-butyl ether	0.0011	U	0.0011	0.00055	mg/Kg	☼	10/08/25 14:43	10/09/25 05:48	1
Methylcyclohexane	0.0011	U	0.0011	0.00054	mg/Kg	☼	10/08/25 14:43	10/09/25 05:48	1
Methylene Chloride	0.0022	U	0.0022	0.0012	mg/Kg	☼	10/08/25 14:43	10/09/25 05:48	1
m-Xylene & p-Xylene	0.0011	U	0.0011	0.00046	mg/Kg	☼	10/08/25 14:43	10/09/25 05:48	1
n-Butylbenzene	0.0011	U	0.0011	0.00032	mg/Kg	☼	10/08/25 14:43	10/09/25 05:48	1
N-Propylbenzene	0.0011	U	0.0011	0.00048	mg/Kg	☼	10/08/25 14:43	10/09/25 05:48	1
o-Xylene	0.0011	U	0.0011	0.00050	mg/Kg	☼	10/08/25 14:43	10/09/25 05:48	1
sec-Butylbenzene	0.0011	U	0.0011	0.00031	mg/Kg	☼	10/08/25 14:43	10/09/25 05:48	1
Styrene	0.0011	U	0.0011	0.00030	mg/Kg	☼	10/08/25 14:43	10/09/25 05:48	1
tert-Butylbenzene	0.0011	U	0.0011	0.00030	mg/Kg	☼	10/08/25 14:43	10/09/25 05:48	1
Tetrachloroethene	0.0011	U	0.0011	0.00033	mg/Kg	☼	10/08/25 14:43	10/09/25 05:48	1
Toluene	0.0011	U	0.0011	0.00025	mg/Kg	☼	10/08/25 14:43	10/09/25 05:48	1
trans-1,2-Dichloroethene	0.0011	U	0.0011	0.00027	mg/Kg	☼	10/08/25 14:43	10/09/25 05:48	1
trans-1,3-Dichloropropene	0.0011	U	0.0011	0.00029	mg/Kg	☼	10/08/25 14:43	10/09/25 05:48	1
Trichloroethene	0.0011	U	0.0011	0.00035	mg/Kg	☼	10/08/25 14:43	10/09/25 05:48	1
Trichlorofluoromethane	0.0011	U	0.0011	0.00044	mg/Kg	☼	10/08/25 14:43	10/09/25 05:48	1
Vinyl chloride	0.0011	U	0.0011	0.00059	mg/Kg	☼	10/08/25 14:43	10/09/25 05:48	1
Xylenes, Total	0.0022	U	0.0022	0.00019	mg/Kg	☼	10/08/25 14:43	10/09/25 05:48	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,2-Dichloroethane-d4 (Surr)	*110*		*65 - 138*	*10/08/25 14:43*	*10/09/25 05:48*	*1*
4-Bromofluorobenzene	*100*		*71 - 128*	*10/08/25 14:43*	*10/09/25 05:48*	*1*
Dibromofluoromethane (Surr)	*118*		*50 - 150*	*10/08/25 14:43*	*10/09/25 05:48*	*1*
Toluene-d8 (Surr)	*95*		*71 - 126*	*10/08/25 14:43*	*10/09/25 05:48*	*1*

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Percent Moisture (EPA Moisture)	**4.9**		1.0	1.0	%			10/09/25 11:12	1
Percent Solids (EPA Moisture)	**95.1**		1.0	1.0	%			10/09/25 11:12	1

Client Sample ID: 61A1_1-2
Date Collected: 10/06/25 11:20
Date Received: 10/06/25 15:30

Lab Sample ID: 460-336556-41
Matrix: Solid
Percent Solids: 94.8

Method: SW846 8260D - Volatile Organic Compounds by GC/MS

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1-Trichloroethane	0.0019	U	0.0019	0.00045	mg/Kg	☼	10/08/25 14:43	10/09/25 06:11	1
1,1,2,2-Tetrachloroethane	0.0019	U	0.0019	0.0010	mg/Kg	☼	10/08/25 14:43	10/09/25 06:11	1
1,1,2-Trichloro-1,2,2-trifluoroethane	0.0019	U	0.0019	0.00058	mg/Kg	☼	10/08/25 14:43	10/09/25 06:11	1
1,1,2-Trichloroethane	0.0019	U	0.0019	0.0012	mg/Kg	☼	10/08/25 14:43	10/09/25 06:11	1
1,1-Dichloroethane	0.0019	U	0.0019	0.0012	mg/Kg	☼	10/08/25 14:43	10/09/25 06:11	1
1,1-Dichloroethene	0.0019	U	0.0019	0.00044	mg/Kg	☼	10/08/25 14:43	10/09/25 06:11	1
1,2,3-Trichlorobenzene	0.0019	U	0.0019	0.0014	mg/Kg	☼	10/08/25 14:43	10/09/25 06:11	1
1,2,4-Trichlorobenzene	0.0019	U	0.0019	0.00070	mg/Kg	☼	10/08/25 14:43	10/09/25 06:11	1
1,2,4-Trimethylbenzene	0.0019	U	0.0019	0.00048	mg/Kg	☼	10/08/25 14:43	10/09/25 06:11	1
1,2-Dibromo-3-Chloropropane	0.0019	U	0.0019	0.00089	mg/Kg	☼	10/08/25 14:43	10/09/25 06:11	1
1,2-Dichlorobenzene	0.0019	U	0.0019	0.00070	mg/Kg	☼	10/08/25 14:43	10/09/25 06:11	1
1,2-Dichloroethane	0.0019	U	0.0019	0.00057	mg/Kg	☼	10/08/25 14:43	10/09/25 06:11	1
1,2-Dichloropropane	0.0019	U	0.0019	0.00082	mg/Kg	☼	10/08/25 14:43	10/09/25 06:11	1
1,3,5-Trimethylbenzene	0.0019	U	0.0019	0.00061	mg/Kg	☼	10/08/25 14:43	10/09/25 06:11	1
1,3-Dichlorobenzene	0.0019	U	0.0019	0.00071	mg/Kg	☼	10/08/25 14:43	10/09/25 06:11	1
1,4-Dichlorobenzene	0.0019	U	0.0019	0.0010	mg/Kg	☼	10/08/25 14:43	10/09/25 06:11	1
2-Butanone (MEK)	0.0097	U	0.0097	0.00071	mg/Kg	☼	10/08/25 14:43	10/09/25 06:11	1
2-Hexanone	0.0097	U	0.0097	0.0033	mg/Kg	☼	10/08/25 14:43	10/09/25 06:11	1
4-Methyl-2-pentanone (MIBK)	0.0097	U	0.0097	0.0030	mg/Kg	☼	10/08/25 14:43	10/09/25 06:11	1
Acetone	0.012	U	0.012	0.011	mg/Kg	☼	10/08/25 14:43	10/09/25 06:11	1
Benzene	0.0019	U	0.0019	0.0011	mg/Kg	☼	10/08/25 14:43	10/09/25 06:11	1
Bromoform	0.0019	U	0.0019	0.00083	mg/Kg	☼	10/08/25 14:43	10/09/25 06:11	1
Bromomethane	0.0039	U *	0.0039	0.0019	mg/Kg	☼	10/08/25 14:43	10/09/25 06:11	1
Carbon disulfide	0.0019	U	0.0019	0.00052	mg/Kg	☼	10/08/25 14:43	10/09/25 06:11	1
Carbon tetrachloride	0.0019	U	0.0019	0.00075	mg/Kg	☼	10/08/25 14:43	10/09/25 06:11	1
Chlorobenzene	0.0019	U	0.0019	0.00098	mg/Kg	☼	10/08/25 14:43	10/09/25 06:11	1
Chlorobromomethane	0.0019	U	0.0019	0.0012	mg/Kg	☼	10/08/25 14:43	10/09/25 06:11	1
Chlorodibromomethane	0.0019	U	0.0019	0.0010	mg/Kg	☼	10/08/25 14:43	10/09/25 06:11	1
Chloroethane	0.0019	U	0.0019	0.0010	mg/Kg	☼	10/08/25 14:43	10/09/25 06:11	1
Chloroform	0.0019	U	0.0019	0.0019	mg/Kg	☼	10/08/25 14:43	10/09/25 06:11	1
Chloromethane	0.0019	U	0.0019	0.00084	mg/Kg	☼	10/08/25 14:43	10/09/25 06:11	1
cis-1,2-Dichloroethene	0.0019	U	0.0019	0.00070	mg/Kg	☼	10/08/25 14:43	10/09/25 06:11	1
cis-1,3-Dichloropropene	0.0019	U	0.0019	0.00053	mg/Kg	☼	10/08/25 14:43	10/09/25 06:11	1
Cyclohexane	0.0019	U	0.0019	0.00043	mg/Kg	☼	10/08/25 14:43	10/09/25 06:11	1
Dichlorobromomethane	0.0019	U	0.0019	0.00050	mg/Kg	☼	10/08/25 14:43	10/09/25 06:11	1
Dichlorodifluoromethane	0.0019	U	0.0019	0.00066	mg/Kg	☼	10/08/25 14:43	10/09/25 06:11	1
Ethylbenzene	0.0019	U	0.0019	0.00091	mg/Kg	☼	10/08/25 14:43	10/09/25 06:11	1
Ethylene Dibromide	0.0019	U	0.0019	0.00098	mg/Kg	☼	10/08/25 14:43	10/09/25 06:11	1
Isopropylbenzene	0.0019	U	0.0019	0.00055	mg/Kg	☼	10/08/25 14:43	10/09/25 06:11	1
Methyl acetate	0.0097	U	0.0097	0.0083	mg/Kg	☼	10/08/25 14:43	10/09/25 06:11	1
Methyl tert-butyl ether	0.0019	U	0.0019	0.00099	mg/Kg	☼	10/08/25 14:43	10/09/25 06:11	1
Methylcyclohexane	0.0019	U	0.0019	0.00097	mg/Kg	☼	10/08/25 14:43	10/09/25 06:11	1
Methylene Chloride	0.0039	U	0.0039	0.0022	mg/Kg	☼	10/08/25 14:43	10/09/25 06:11	1
m-Xylene & p-Xylene	0.0019	U	0.0019	0.00082	mg/Kg	☼	10/08/25 14:43	10/09/25 06:11	1
n-Butylbenzene	0.0019	U	0.0019	0.00057	mg/Kg	☼	10/08/25 14:43	10/09/25 06:11	1
N-Propylbenzene	0.0019	U	0.0019	0.00087	mg/Kg	☼	10/08/25 14:43	10/09/25 06:11	1
o-Xylene	0.0019	U	0.0019	0.00090	mg/Kg	☼	10/08/25 14:43	10/09/25 06:11	1
sec-Butylbenzene	0.0019	U	0.0019	0.00056	mg/Kg	☼	10/08/25 14:43	10/09/25 06:11	1
Styrene	0.0019	U	0.0019	0.00054	mg/Kg	☼	10/08/25 14:43	10/09/25 06:11	1

Client Sample ID: 61A1_1-2

Lab Sample ID: 460-336556-41
Date Collected: 10/06/25 11:20
Matrix: Solid
Date Received: 10/06/25 15:30
Percent Solids: 94.8

Method: SW846 8260D - Volatile Organic Compounds by GC/MS (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
tert-Butylbenzene	0.0019	U	0.0019	0.00054	mg/Kg	☼	10/08/25 14:43	10/09/25 06:11	1
Tetrachloroethene	0.0019	U	0.0019	0.00059	mg/Kg	☼	10/08/25 14:43	10/09/25 06:11	1
Toluene	0.0019	U	0.0019	0.00045	mg/Kg	☼	10/08/25 14:43	10/09/25 06:11	1
trans-1,2-Dichloroethene	0.0019	U	0.0019	0.00048	mg/Kg	☼	10/08/25 14:43	10/09/25 06:11	1
trans-1,3-Dichloropropene	0.0019	U	0.0019	0.00052	mg/Kg	☼	10/08/25 14:43	10/09/25 06:11	1
Trichloroethene	0.0019	U	0.0019	0.00062	mg/Kg	☼	10/08/25 14:43	10/09/25 06:11	1
Trichlorofluoromethane	0.0019	U	0.0019	0.00079	mg/Kg	☼	10/08/25 14:43	10/09/25 06:11	1
Vinyl chloride	0.0019	U	0.0019	0.0011	mg/Kg	☼	10/08/25 14:43	10/09/25 06:11	1
Xylenes, Total	0.0039	U	0.0039	0.00034	mg/Kg	☼	10/08/25 14:43	10/09/25 06:11	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,2-Dichloroethane-d4 (Surr)	*110*		*65 - 138*	*10/08/25 14:43*	*10/09/25 06:11*	*1*
4-Bromofluorobenzene	*101*		*71 - 128*	*10/08/25 14:43*	*10/09/25 06:11*	*1*
Dibromofluoromethane (Surr)	*121*		*50 - 150*	*10/08/25 14:43*	*10/09/25 06:11*	*1*
Toluene-d8 (Surr)	*95*		*71 - 126*	*10/08/25 14:43*	*10/09/25 06:11*	*1*

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Percent Moisture (EPA Moisture)	**5.2**		1.0	1.0	%			10/09/25 11:12	1
Percent Solids (EPA Moisture)	**94.8**		1.0	1.0	%			10/09/25 11:12	1

Client Sample ID: 61A2_2-3

Lab Sample ID: 460-336556-42
Date Collected: 10/06/25 11:25
Matrix: Solid
Date Received: 10/06/25 15:30
Percent Solids: 89.6

Method: SW846 8260D - Volatile Organic Compounds by GC/MS

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1-Trichloroethane	0.00089	U	0.00089	0.00021	mg/Kg	☼	10/08/25 14:44	10/09/25 06:34	1
1,1,2,2-Tetrachloroethane	0.00089	U	0.00089	0.00046	mg/Kg	☼	10/08/25 14:44	10/09/25 06:34	1
1,1,2-Trichloro-1,2,2-trifluoroethane	0.00089	U	0.00089	0.00027	mg/Kg	☼	10/08/25 14:44	10/09/25 06:34	1
1,1,2-Trichloroethane	0.00089	U	0.00089	0.00053	mg/Kg	☼	10/08/25 14:44	10/09/25 06:34	1
1,1-Dichloroethane	0.00089	U	0.00089	0.00053	mg/Kg	☼	10/08/25 14:44	10/09/25 06:34	1
1,1-Dichloroethene	0.00089	U	0.00089	0.00020	mg/Kg	☼	10/08/25 14:44	10/09/25 06:34	1
1,2,3-Trichlorobenzene	0.00089	U	0.00089	0.00066	mg/Kg	☼	10/08/25 14:44	10/09/25 06:34	1
1,2,4-Trichlorobenzene	0.00089	U	0.00089	0.00032	mg/Kg	☼	10/08/25 14:44	10/09/25 06:34	1
1,2,4-Trimethylbenzene	0.00089	U	0.00089	0.00022	mg/Kg	☼	10/08/25 14:44	10/09/25 06:34	1
1,2-Dibromo-3-Chloropropane	0.00089	U	0.00089	0.00041	mg/Kg	☼	10/08/25 14:44	10/09/25 06:34	1
1,2-Dichlorobenzene	0.00089	U	0.00089	0.00032	mg/Kg	☼	10/08/25 14:44	10/09/25 06:34	1
1,2-Dichloroethane	0.00089	U	0.00089	0.00026	mg/Kg	☼	10/08/25 14:44	10/09/25 06:34	1
1,2-Dichloropropane	0.00089	U	0.00089	0.00038	mg/Kg	☼	10/08/25 14:44	10/09/25 06:34	1
1,3,5-Trimethylbenzene	0.00089	U	0.00089	0.00028	mg/Kg	☼	10/08/25 14:44	10/09/25 06:34	1
1,3-Dichlorobenzene	0.00089	U	0.00089	0.00032	mg/Kg	☼	10/08/25 14:44	10/09/25 06:34	1
1,4-Dichlorobenzene	0.00089	U	0.00089	0.00046	mg/Kg	☼	10/08/25 14:44	10/09/25 06:34	1
2-Butanone (MEK)	0.0044	U	0.0044	0.00033	mg/Kg	☼	10/08/25 14:44	10/09/25 06:34	1
2-Hexanone	0.0044	U	0.0044	0.0015	mg/Kg	☼	10/08/25 14:44	10/09/25 06:34	1
4-Methyl-2-pentanone (MIBK)	0.0044	U	0.0044	0.0014	mg/Kg	☼	10/08/25 14:44	10/09/25 06:34	1
Acetone	0.0053	U	0.0053	0.0051	mg/Kg	☼	10/08/25 14:44	10/09/25 06:34	1
Benzene	0.00089	U	0.00089	0.00050	mg/Kg	☼	10/08/25 14:44	10/09/25 06:34	1
Bromoform	0.00089	U	0.00089	0.00038	mg/Kg	☼	10/08/25 14:44	10/09/25 06:34	1
Bromomethane	0.0018	U *	0.0018	0.00089	mg/Kg	☼	10/08/25 14:44	10/09/25 06:34	1

Client Sample ID: 61A2_2-3
Date Collected: 10/06/25 11:25
Date Received: 10/06/25 15:30

Lab Sample ID: 460-336556-42
Matrix: Solid
Percent Solids: 89.6

Method: SW846 8260D - Volatile Organic Compounds by GC/MS (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Carbon disulfide	0.00089	U	0.00089	0.00024	mg/Kg	☼	10/08/25 14:44	10/09/25 06:34	1
Carbon tetrachloride	0.00089	U	0.00089	0.00034	mg/Kg	☼	10/08/25 14:44	10/09/25 06:34	1
Chlorobenzene	0.00089	U	0.00089	0.00045	mg/Kg	☼	10/08/25 14:44	10/09/25 06:34	1
Chlorobromomethane	0.00089	U	0.00089	0.00053	mg/Kg	☼	10/08/25 14:44	10/09/25 06:34	1
Chlorodibromomethane	0.00089	U	0.00089	0.00048	mg/Kg	☼	10/08/25 14:44	10/09/25 06:34	1
Chloroethane	0.00089	U	0.00089	0.00046	mg/Kg	☼	10/08/25 14:44	10/09/25 06:34	1
Chloroform	0.00089	U	0.00089	0.00086	mg/Kg	☼	10/08/25 14:44	10/09/25 06:34	1
Chloromethane	0.00089	U	0.00089	0.00039	mg/Kg	☼	10/08/25 14:44	10/09/25 06:34	1
cis-1,2-Dichloroethene	0.00089	U	0.00089	0.00032	mg/Kg	☼	10/08/25 14:44	10/09/25 06:34	1
cis-1,3-Dichloropropene	0.00089	U	0.00089	0.00024	mg/Kg	☼	10/08/25 14:44	10/09/25 06:34	1
Cyclohexane	0.00089	U	0.00089	0.00020	mg/Kg	☼	10/08/25 14:44	10/09/25 06:34	1
Dichlorobromomethane	0.00089	U	0.00089	0.00023	mg/Kg	☼	10/08/25 14:44	10/09/25 06:34	1
Dichlorodifluoromethane	0.00089	U	0.00089	0.00030	mg/Kg	☼	10/08/25 14:44	10/09/25 06:34	1
Ethylbenzene	0.00089	U	0.00089	0.00042	mg/Kg	☼	10/08/25 14:44	10/09/25 06:34	1
Ethylene Dibromide	0.00089	U	0.00089	0.00045	mg/Kg	☼	10/08/25 14:44	10/09/25 06:34	1
Isopropylbenzene	0.00089	U	0.00089	0.00025	mg/Kg	☼	10/08/25 14:44	10/09/25 06:34	1
Methyl acetate	0.0044	U	0.0044	0.0038	mg/Kg	☼	10/08/25 14:44	10/09/25 06:34	1
Methyl tert-butyl ether	0.00089	U	0.00089	0.00046	mg/Kg	☼	10/08/25 14:44	10/09/25 06:34	1
Methylcyclohexane	0.00089	U	0.00089	0.00044	mg/Kg	☼	10/08/25 14:44	10/09/25 06:34	1
Methylene Chloride	0.0018	U	0.0018	0.0010	mg/Kg	☼	10/08/25 14:44	10/09/25 06:34	1
m-Xylene & p-Xylene	0.00089	U	0.00089	0.00038	mg/Kg	☼	10/08/25 14:44	10/09/25 06:34	1
n-Butylbenzene	0.00089	U	0.00089	0.00026	mg/Kg	☼	10/08/25 14:44	10/09/25 06:34	1
N-Propylbenzene	0.00089	U	0.00089	0.00040	mg/Kg	☼	10/08/25 14:44	10/09/25 06:34	1
o-Xylene	0.00089	U	0.00089	0.00041	mg/Kg	☼	10/08/25 14:44	10/09/25 06:34	1
sec-Butylbenzene	0.00089	U	0.00089	0.00026	mg/Kg	☼	10/08/25 14:44	10/09/25 06:34	1
Styrene	0.00089	U	0.00089	0.00025	mg/Kg	☼	10/08/25 14:44	10/09/25 06:34	1
tert-Butylbenzene	0.00089	U	0.00089	0.00025	mg/Kg	☼	10/08/25 14:44	10/09/25 06:34	1
Tetrachloroethene	0.00089	U	0.00089	0.00027	mg/Kg	☼	10/08/25 14:44	10/09/25 06:34	1
Toluene	0.00089	U	0.00089	0.00021	mg/Kg	☼	10/08/25 14:44	10/09/25 06:34	1
trans-1,2-Dichloroethene	0.00089	U	0.00089	0.00022	mg/Kg	☼	10/08/25 14:44	10/09/25 06:34	1
trans-1,3-Dichloropropene	0.00089	U	0.00089	0.00024	mg/Kg	☼	10/08/25 14:44	10/09/25 06:34	1
Trichloroethene	0.00089	U	0.00089	0.00029	mg/Kg	☼	10/08/25 14:44	10/09/25 06:34	1
Trichlorofluoromethane	0.00089	U	0.00089	0.00036	mg/Kg	☼	10/08/25 14:44	10/09/25 06:34	1
Vinyl chloride	0.00089	U	0.00089	0.00049	mg/Kg	☼	10/08/25 14:44	10/09/25 06:34	1
Xylenes, Total	0.0018	U	0.0018	0.00015	mg/Kg	☼	10/08/25 14:44	10/09/25 06:34	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,2-Dichloroethane-d4 (Surr)	*108*		*65 - 138*	*10/08/25 14:44*	*10/09/25 06:34*	*1*
4-Bromofluorobenzene	*97*		*71 - 128*	*10/08/25 14:44*	*10/09/25 06:34*	*1*
Dibromofluoromethane (Surr)	*115*		*50 - 150*	*10/08/25 14:44*	*10/09/25 06:34*	*1*
Toluene-d8 (Surr)	*94*		*71 - 126*	*10/08/25 14:44*	*10/09/25 06:34*	*1*

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Percent Moisture (EPA Moisture)	10.4		1.0	1.0	%			10/09/25 11:12	1
Percent Solids (EPA Moisture)	89.6		1.0	1.0	%			10/09/25 11:12	1

Client Sample ID: 61A3_3-4
Date Collected: 10/06/25 11:30
Date Received: 10/06/25 15:30

Lab Sample ID: 460-336556-43
Matrix: Solid
Percent Solids: 91.9

Method: SW846 8260D - Volatile Organic Compounds by GC/MS

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1-Trichloroethane	0.0011	U	0.0011	0.00026	mg/Kg	☼	10/08/25 14:44	10/09/25 06:57	1
1,1,2,2-Tetrachloroethane	0.0011	U	0.0011	0.00058	mg/Kg	☼	10/08/25 14:44	10/09/25 06:57	1
1,1,2-Trichloro-1,2,2-trifluoroethane	0.0011	U	0.0011	0.00034	mg/Kg	☼	10/08/25 14:44	10/09/25 06:57	1
1,1,2-Trichloroethane	0.0011	U	0.0011	0.00067	mg/Kg	☼	10/08/25 14:44	10/09/25 06:57	1
1,1-Dichloroethane	0.0011	U	0.0011	0.00067	mg/Kg	☼	10/08/25 14:44	10/09/25 06:57	1
1,1-Dichloroethene	0.0011	U	0.0011	0.00025	mg/Kg	☼	10/08/25 14:44	10/09/25 06:57	1
1,2,3-Trichlorobenzene	0.0011	U	0.0011	0.00082	mg/Kg	☼	10/08/25 14:44	10/09/25 06:57	1
1,2,4-Trichlorobenzene	0.0011	U	0.0011	0.00040	mg/Kg	☼	10/08/25 14:44	10/09/25 06:57	1
1,2,4-Trimethylbenzene	0.0011	U	0.0011	0.00027	mg/Kg	☼	10/08/25 14:44	10/09/25 06:57	1
1,2-Dibromo-3-Chloropropane	0.0011	U	0.0011	0.00051	mg/Kg	☼	10/08/25 14:44	10/09/25 06:57	1
1,2-Dichlorobenzene	0.0011	U	0.0011	0.00040	mg/Kg	☼	10/08/25 14:44	10/09/25 06:57	1
1,2-Dichloroethane	0.0011	U	0.0011	0.00033	mg/Kg	☼	10/08/25 14:44	10/09/25 06:57	1
1,2-Dichloropropane	0.0011	U	0.0011	0.00047	mg/Kg	☼	10/08/25 14:44	10/09/25 06:57	1
1,3,5-Trimethylbenzene	0.0011	U	0.0011	0.00035	mg/Kg	☼	10/08/25 14:44	10/09/25 06:57	1
1,3-Dichlorobenzene	0.0011	U	0.0011	0.00041	mg/Kg	☼	10/08/25 14:44	10/09/25 06:57	1
1,4-Dichlorobenzene	0.0011	U	0.0011	0.00058	mg/Kg	☼	10/08/25 14:44	10/09/25 06:57	1
2-Butanone (MEK)	0.0056	U	0.0056	0.00041	mg/Kg	☼	10/08/25 14:44	10/09/25 06:57	1
2-Hexanone	0.0056	U	0.0056	0.0019	mg/Kg	☼	10/08/25 14:44	10/09/25 06:57	1
4-Methyl-2-pentanone (MIBK)	0.0056	U	0.0056	0.0017	mg/Kg	☼	10/08/25 14:44	10/09/25 06:57	1
Acetone	**0.22**		0.0067	0.0064	mg/Kg	☼	10/08/25 14:44	10/09/25 06:57	1
Benzene	0.0011	U	0.0011	0.00063	mg/Kg	☼	10/08/25 14:44	10/09/25 06:57	1
Bromoform	0.0011	U	0.0011	0.00047	mg/Kg	☼	10/08/25 14:44	10/09/25 06:57	1
Bromomethane	0.0022	U *	0.0022	0.0011	mg/Kg	☼	10/08/25 14:44	10/09/25 06:57	1
Carbon disulfide	0.0011	U	0.0011	0.00030	mg/Kg	☼	10/08/25 14:44	10/09/25 06:57	1
Carbon tetrachloride	0.0011	U	0.0011	0.00043	mg/Kg	☼	10/08/25 14:44	10/09/25 06:57	1
Chlorobenzene	0.0011	U	0.0011	0.00057	mg/Kg	☼	10/08/25 14:44	10/09/25 06:57	1
Chlorobromomethane	0.0011	U	0.0011	0.00066	mg/Kg	☼	10/08/25 14:44	10/09/25 06:57	1
Chlorodibromomethane	0.0011	U	0.0011	0.00060	mg/Kg	☼	10/08/25 14:44	10/09/25 06:57	1
Chloroethane	0.0011	U	0.0011	0.00058	mg/Kg	☼	10/08/25 14:44	10/09/25 06:57	1
Chloroform	0.0011	U	0.0011	0.0011	mg/Kg	☼	10/08/25 14:44	10/09/25 06:57	1
Chloromethane	0.0011	U	0.0011	0.00049	mg/Kg	☼	10/08/25 14:44	10/09/25 06:57	1
cis-1,2-Dichloroethene	0.0011	U	0.0011	0.00040	mg/Kg	☼	10/08/25 14:44	10/09/25 06:57	1
cis-1,3-Dichloropropene	0.0011	U	0.0011	0.00030	mg/Kg	☼	10/08/25 14:44	10/09/25 06:57	1
Cyclohexane	0.0011	U	0.0011	0.00025	mg/Kg	☼	10/08/25 14:44	10/09/25 06:57	1
Dichlorobromomethane	0.0011	U	0.0011	0.00029	mg/Kg	☼	10/08/25 14:44	10/09/25 06:57	1
Dichlorodifluoromethane	0.0011	U	0.0011	0.00038	mg/Kg	☼	10/08/25 14:44	10/09/25 06:57	1
Ethylbenzene	0.0011	U	0.0011	0.00052	mg/Kg	☼	10/08/25 14:44	10/09/25 06:57	1
Ethylene Dibromide	0.0011	U	0.0011	0.00056	mg/Kg	☼	10/08/25 14:44	10/09/25 06:57	1
Isopropylbenzene	0.0011	U	0.0011	0.00032	mg/Kg	☼	10/08/25 14:44	10/09/25 06:57	1
Methyl acetate	0.0056	U	0.0056	0.0048	mg/Kg	☼	10/08/25 14:44	10/09/25 06:57	1
Methyl tert-butyl ether	0.0011	U	0.0011	0.00057	mg/Kg	☼	10/08/25 14:44	10/09/25 06:57	1
Methylcyclohexane	0.0011	U	0.0011	0.00056	mg/Kg	☼	10/08/25 14:44	10/09/25 06:57	1
Methylene Chloride	0.0022	U	0.0022	0.0013	mg/Kg	☼	10/08/25 14:44	10/09/25 06:57	1
m-Xylene & p-Xylene	0.0011	U	0.0011	0.00047	mg/Kg	☼	10/08/25 14:44	10/09/25 06:57	1
n-Butylbenzene	0.0011	U	0.0011	0.00033	mg/Kg	☼	10/08/25 14:44	10/09/25 06:57	1
N-Propylbenzene	0.0011	U	0.0011	0.00050	mg/Kg	☼	10/08/25 14:44	10/09/25 06:57	1
o-Xylene	0.0011	U	0.0011	0.00051	mg/Kg	☼	10/08/25 14:44	10/09/25 06:57	1
sec-Butylbenzene	0.0011	U	0.0011	0.00032	mg/Kg	☼	10/08/25 14:44	10/09/25 06:57	1
Styrene	0.0011	U	0.0011	0.00031	mg/Kg	☼	10/08/25 14:44	10/09/25 06:57	1

Client Sample ID: 61A3_3-4

Lab Sample ID: 460-336556-43
Date Collected: 10/06/25 11:30
Matrix: Solid
Date Received: 10/06/25 15:30
Percent Solids: 91.9

Method: SW846 8260D - Volatile Organic Compounds by GC/MS (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
tert-Butylbenzene	0.0011	U	0.0011	0.00031	mg/Kg	☼	10/08/25 14:44	10/09/25 06:57	1
Tetrachloroethene	0.0011	U	0.0011	0.00034	mg/Kg	☼	10/08/25 14:44	10/09/25 06:57	1
Toluene	0.0011	U	0.0011	0.00026	mg/Kg	☼	10/08/25 14:44	10/09/25 06:57	1
trans-1,2-Dichloroethene	0.0011	U	0.0011	0.00027	mg/Kg	☼	10/08/25 14:44	10/09/25 06:57	1
trans-1,3-Dichloropropene	0.0011	U	0.0011	0.00030	mg/Kg	☼	10/08/25 14:44	10/09/25 06:57	1
Trichloroethene	0.0011	U	0.0011	0.00036	mg/Kg	☼	10/08/25 14:44	10/09/25 06:57	1
Trichlorofluoromethane	0.0011	U	0.0011	0.00045	mg/Kg	☼	10/08/25 14:44	10/09/25 06:57	1
Vinyl chloride	0.0011	U	0.0011	0.00061	mg/Kg	☼	10/08/25 14:44	10/09/25 06:57	1
Xylenes, Total	0.0022	U	0.0022	0.00019	mg/Kg	☼	10/08/25 14:44	10/09/25 06:57	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,2-Dichloroethane-d4 (Surr)	*111*		*65 - 138*	*10/08/25 14:44*	*10/09/25 06:57*	*1*
4-Bromofluorobenzene	*98*		*71 - 128*	*10/08/25 14:44*	*10/09/25 06:57*	*1*
Dibromofluoromethane (Surr)	*118*		*50 - 150*	*10/08/25 14:44*	*10/09/25 06:57*	*1*
Toluene-d8 (Surr)	*94*		*71 - 126*	*10/08/25 14:44*	*10/09/25 06:57*	*1*

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Percent Moisture (EPA Moisture)	**8.1**		1.0	1.0	%			10/09/25 11:12	1
Percent Solids (EPA Moisture)	**91.9**		1.0	1.0	%			10/09/25 11:12	1

Client Sample ID: 61A1_4-5

Lab Sample ID: 460-336556-44
Date Collected: 10/06/25 11:35
Matrix: Solid
Date Received: 10/06/25 15:30
Percent Solids: 91.3

Method: SW846 8260D - Volatile Organic Compounds by GC/MS

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1-Trichloroethane	0.0010	U	0.0010	0.00024	mg/Kg	☼	10/08/25 14:44	10/09/25 22:31	1
1,1,2,2-Tetrachloroethane	0.0010	U	0.0010	0.00054	mg/Kg	☼	10/08/25 14:44	10/09/25 22:31	1
1,1,2-Trichloro-1,2,2-trifluoroethane	0.0010	U	0.0010	0.00031	mg/Kg	☼	10/08/25 14:44	10/09/25 22:31	1
1,1,2-Trichloroethane	0.0010	U	0.0010	0.00062	mg/Kg	☼	10/08/25 14:44	10/09/25 22:31	1
1,1-Dichloroethane	0.0010	U	0.0010	0.00061	mg/Kg	☼	10/08/25 14:44	10/09/25 22:31	1
1,1-Dichloroethene	0.0010	U	0.0010	0.00023	mg/Kg	☼	10/08/25 14:44	10/09/25 22:31	1
1,2,3-Trichlorobenzene	0.0010	U	0.0010	0.00076	mg/Kg	☼	10/08/25 14:44	10/09/25 22:31	1
1,2,4-Trichlorobenzene	0.0010	U	0.0010	0.00037	mg/Kg	☼	10/08/25 14:44	10/09/25 22:31	1
1,2,4-Trimethylbenzene	0.0010	U	0.0010	0.00025	mg/Kg	☼	10/08/25 14:44	10/09/25 22:31	1
1,2-Dibromo-3-Chloropropane	0.0010	U	0.0010	0.00047	mg/Kg	☼	10/08/25 14:44	10/09/25 22:31	1
1,2-Dichlorobenzene	0.0010	U	0.0010	0.00037	mg/Kg	☼	10/08/25 14:44	10/09/25 22:31	1
1,2-Dichloroethane	0.0010	U	0.0010	0.00030	mg/Kg	☼	10/08/25 14:44	10/09/25 22:31	1
1,2-Dichloropropane	0.0010	U	0.0010	0.00044	mg/Kg	☼	10/08/25 14:44	10/09/25 22:31	1
1,3,5-Trimethylbenzene	0.0010	U	0.0010	0.00032	mg/Kg	☼	10/08/25 14:44	10/09/25 22:31	1
1,3-Dichlorobenzene	0.0010	U	0.0010	0.00038	mg/Kg	☼	10/08/25 14:44	10/09/25 22:31	1
1,4-Dichlorobenzene	0.0010	U	0.0010	0.00053	mg/Kg	☼	10/08/25 14:44	10/09/25 22:31	1
2-Butanone (MEK)	0.0051	U	0.0051	0.00038	mg/Kg	☼	10/08/25 14:44	10/09/25 22:31	1
2-Hexanone	0.0051	U	0.0051	0.0018	mg/Kg	☼	10/08/25 14:44	10/09/25 22:31	1
4-Methyl-2-pentanone (MIBK)	0.0051	U	0.0051	0.0016	mg/Kg	☼	10/08/25 14:44	10/09/25 22:31	1
Acetone	**0.088**		0.0062	0.0059	mg/Kg	☼	10/08/25 14:44	10/09/25 22:31	1
Benzene	0.0010	U	0.0010	0.00058	mg/Kg	☼	10/08/25 14:44	10/09/25 22:31	1
Bromoform	0.0010	U	0.0010	0.00044	mg/Kg	☼	10/08/25 14:44	10/09/25 22:31	1
Bromomethane	0.0021	U *	0.0021	0.0010	mg/Kg	☼	10/08/25 14:44	10/09/25 22:31	1

Client Sample ID: 61A1_4-5
Date Collected: 10/06/25 11:35
Date Received: 10/06/25 15:30

Lab Sample ID: 460-336556-44
Matrix: Solid
Percent Solids: 91.3

Method: SW846 8260D - Volatile Organic Compounds by GC/MS (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Carbon disulfide	0.0010	U	0.0010	0.00027	mg/Kg	☼	10/08/25 14:44	10/09/25 22:31	1
Carbon tetrachloride	0.0010	U	0.0010	0.00040	mg/Kg	☼	10/08/25 14:44	10/09/25 22:31	1
Chlorobenzene	0.0010	U	0.0010	0.00052	mg/Kg	☼	10/08/25 14:44	10/09/25 22:31	1
Chlorobromomethane	0.0010	U	0.0010	0.00061	mg/Kg	☼	10/08/25 14:44	10/09/25 22:31	1
Chlorodibromomethane	0.0010	U	0.0010	0.00055	mg/Kg	☼	10/08/25 14:44	10/09/25 22:31	1
Chloroethane	0.0010	U *	0.0010	0.00054	mg/Kg	☼	10/08/25 14:44	10/09/25 22:31	1
Chloroform	0.0010	U	0.0010	0.0010	mg/Kg	☼	10/08/25 14:44	10/09/25 22:31	1
Chloromethane	0.0010	U	0.0010	0.00045	mg/Kg	☼	10/08/25 14:44	10/09/25 22:31	1
cis-1,2-Dichloroethene	0.0010	U	0.0010	0.00037	mg/Kg	☼	10/08/25 14:44	10/09/25 22:31	1
cis-1,3-Dichloropropene	0.0010	U	0.0010	0.00028	mg/Kg	☼	10/08/25 14:44	10/09/25 22:31	1
Cyclohexane	0.0010	U	0.0010	0.00023	mg/Kg	☼	10/08/25 14:44	10/09/25 22:31	1
Dichlorobromomethane	0.0010	U	0.0010	0.00026	mg/Kg	☼	10/08/25 14:44	10/09/25 22:31	1
Dichlorodifluoromethane	0.0010	U	0.0010	0.00035	mg/Kg	☼	10/08/25 14:44	10/09/25 22:31	1
Ethylbenzene	0.0010	U	0.0010	0.00048	mg/Kg	☼	10/08/25 14:44	10/09/25 22:31	1
Ethylene Dibromide	0.0010	U	0.0010	0.00052	mg/Kg	☼	10/08/25 14:44	10/09/25 22:31	1
Isopropylbenzene	0.0010	U	0.0010	0.00029	mg/Kg	☼	10/08/25 14:44	10/09/25 22:31	1
Methyl acetate	0.0051	U	0.0051	0.0044	mg/Kg	☼	10/08/25 14:44	10/09/25 22:31	1
Methyl tert-butyl ether	0.0010	U	0.0010	0.00053	mg/Kg	☼	10/08/25 14:44	10/09/25 22:31	1
Methylcyclohexane	0.0010	U	0.0010	0.00051	mg/Kg	☼	10/08/25 14:44	10/09/25 22:31	1
Methylene Chloride	0.0021	U	0.0021	0.0012	mg/Kg	☼	10/08/25 14:44	10/09/25 22:31	1
m-Xylene & p-Xylene	0.0010	U	0.0010	0.00044	mg/Kg	☼	10/08/25 14:44	10/09/25 22:31	1
n-Butylbenzene	0.0010	U	0.0010	0.00030	mg/Kg	☼	10/08/25 14:44	10/09/25 22:31	1
N-Propylbenzene	0.0010	U	0.0010	0.00046	mg/Kg	☼	10/08/25 14:44	10/09/25 22:31	1
o-Xylene	0.0010	U	0.0010	0.00047	mg/Kg	☼	10/08/25 14:44	10/09/25 22:31	1
sec-Butylbenzene	0.0010	U	0.0010	0.00030	mg/Kg	☼	10/08/25 14:44	10/09/25 22:31	1
Styrene	0.0010	U	0.0010	0.00029	mg/Kg	☼	10/08/25 14:44	10/09/25 22:31	1
tert-Butylbenzene	0.0010	U	0.0010	0.00028	mg/Kg	☼	10/08/25 14:44	10/09/25 22:31	1
Tetrachloroethene	0.0010	U	0.0010	0.00031	mg/Kg	☼	10/08/25 14:44	10/09/25 22:31	1
Toluene	0.0010	U	0.0010	0.00024	mg/Kg	☼	10/08/25 14:44	10/09/25 22:31	1
trans-1,2-Dichloroethene	0.0010	U	0.0010	0.00025	mg/Kg	☼	10/08/25 14:44	10/09/25 22:31	1
trans-1,3-Dichloropropene	0.0010	U	0.0010	0.00027	mg/Kg	☼	10/08/25 14:44	10/09/25 22:31	1
Trichloroethene	0.0010	U	0.0010	0.00033	mg/Kg	☼	10/08/25 14:44	10/09/25 22:31	1
Trichlorofluoromethane	0.0010	U	0.0010	0.00042	mg/Kg	☼	10/08/25 14:44	10/09/25 22:31	1
Vinyl chloride	0.0010	U	0.0010	0.00056	mg/Kg	☼	10/08/25 14:44	10/09/25 22:31	1
Xylenes, Total	0.0021	U	0.0021	0.00018	mg/Kg	☼	10/08/25 14:44	10/09/25 22:31	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,2-Dichloroethane-d4 (Surr)	*90*		*65 - 138*	*10/08/25 14:44*	*10/09/25 22:31*	*1*
4-Bromofluorobenzene	*96*		*71 - 128*	*10/08/25 14:44*	*10/09/25 22:31*	*1*
Dibromofluoromethane (Surr)	*97*		*50 - 150*	*10/08/25 14:44*	*10/09/25 22:31*	*1*
Toluene-d8 (Surr)	*101*		*71 - 126*	*10/08/25 14:44*	*10/09/25 22:31*	*1*

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Percent Moisture (EPA Moisture)	**8.7**		1.0	1.0	%			10/09/25 11:12	1
Percent Solids (EPA Moisture)	**91.3**		1.0	1.0	%			10/09/25 11:12	1

Client: Haley & Aldrich, Inc.
Project/Site: Former Port Mobil

Job ID: 460-336556-1

Client Sample ID: 61A2_5-6
Date Collected: 10/06/25 11:40
Date Received: 10/06/25 15:30

Lab Sample ID: 460-336556-45
Matrix: Solid
Percent Solids: 90.7

Method: SW846 8260D - Volatile Organic Compounds by GC/MS

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1-Trichloroethane	0.00083	U	0.00083	0.00019	mg/Kg	☼	10/08/25 14:45	10/09/25 07:47	1
1,1,2,2-Tetrachloroethane	0.00083	U	0.00083	0.00043	mg/Kg	☼	10/08/25 14:45	10/09/25 07:47	1
1,1,2-Trichloro-1,2,2-trifluoroethane	0.00083	U	0.00083	0.00025	mg/Kg	☼	10/08/25 14:45	10/09/25 07:47	1
1,1,2-Trichloroethane	0.00083	U	0.00083	0.00050	mg/Kg	☼	10/08/25 14:45	10/09/25 07:47	1
1,1-Dichloroethane	0.00083	U	0.00083	0.00049	mg/Kg	☼	10/08/25 14:45	10/09/25 07:47	1
1,1-Dichloroethene	0.00083	U	0.00083	0.00019	mg/Kg	☼	10/08/25 14:45	10/09/25 07:47	1
1,2,3-Trichlorobenzene	0.00083	U	0.00083	0.00061	mg/Kg	☼	10/08/25 14:45	10/09/25 07:47	1
1,2,4-Trichlorobenzene	0.00083	U	0.00083	0.00030	mg/Kg	☼	10/08/25 14:45	10/09/25 07:47	1
1,2,4-Trimethylbenzene	0.00083	U	0.00083	0.00020	mg/Kg	☼	10/08/25 14:45	10/09/25 07:47	1
1,2-Dibromo-3-Chloropropane	0.00083	U	0.00083	0.00038	mg/Kg	☼	10/08/25 14:45	10/09/25 07:47	1
1,2-Dichlorobenzene	0.00083	U	0.00083	0.00030	mg/Kg	☼	10/08/25 14:45	10/09/25 07:47	1
1,2-Dichloroethane	0.00083	U	0.00083	0.00024	mg/Kg	☼	10/08/25 14:45	10/09/25 07:47	1
1,2-Dichloropropane	0.00083	U	0.00083	0.00035	mg/Kg	☼	10/08/25 14:45	10/09/25 07:47	1
1,3,5-Trimethylbenzene	0.00083	U	0.00083	0.00026	mg/Kg	☼	10/08/25 14:45	10/09/25 07:47	1
1,3-Dichlorobenzene	0.00083	U	0.00083	0.00030	mg/Kg	☼	10/08/25 14:45	10/09/25 07:47	1
1,4-Dichlorobenzene	0.00083	U	0.00083	0.00043	mg/Kg	☼	10/08/25 14:45	10/09/25 07:47	1
2-Butanone (MEK)	0.0041	U	0.0041	0.00030	mg/Kg	☼	10/08/25 14:45	10/09/25 07:47	1
2-Hexanone	0.0041	U	0.0041	0.0014	mg/Kg	☼	10/08/25 14:45	10/09/25 07:47	1
4-Methyl-2-pentanone (MIBK)	0.0041	U	0.0041	0.0013	mg/Kg	☼	10/08/25 14:45	10/09/25 07:47	1
Acetone	**0.010**		0.0050	0.0047	mg/Kg	☼	10/08/25 14:45	10/09/25 07:47	1
Benzene	0.00083	U	0.00083	0.00047	mg/Kg	☼	10/08/25 14:45	10/09/25 07:47	1
Bromoform	0.00083	U	0.00083	0.00035	mg/Kg	☼	10/08/25 14:45	10/09/25 07:47	1
Bromomethane	0.0017	U *	0.0017	0.00083	mg/Kg	☼	10/08/25 14:45	10/09/25 07:47	1
Carbon disulfide	0.00083	U	0.00083	0.00022	mg/Kg	☼	10/08/25 14:45	10/09/25 07:47	1
Carbon tetrachloride	0.00083	U	0.00083	0.00032	mg/Kg	☼	10/08/25 14:45	10/09/25 07:47	1
Chlorobenzene	0.00083	U	0.00083	0.00042	mg/Kg	☼	10/08/25 14:45	10/09/25 07:47	1
Chlorobromomethane	0.00083	U	0.00083	0.00049	mg/Kg	☼	10/08/25 14:45	10/09/25 07:47	1
Chlorodibromomethane	0.00083	U	0.00083	0.00044	mg/Kg	☼	10/08/25 14:45	10/09/25 07:47	1
Chloroethane	0.00083	U	0.00083	0.00043	mg/Kg	☼	10/08/25 14:45	10/09/25 07:47	1
Chloroform	0.00083	U	0.00083	0.00080	mg/Kg	☼	10/08/25 14:45	10/09/25 07:47	1
Chloromethane	0.00083	U	0.00083	0.00036	mg/Kg	☼	10/08/25 14:45	10/09/25 07:47	1
cis-1,2-Dichloroethene	0.00083	U	0.00083	0.00030	mg/Kg	☼	10/08/25 14:45	10/09/25 07:47	1
cis-1,3-Dichloropropene	0.00083	U	0.00083	0.00023	mg/Kg	☼	10/08/25 14:45	10/09/25 07:47	1
Cyclohexane	0.00083	U	0.00083	0.00018	mg/Kg	☼	10/08/25 14:45	10/09/25 07:47	1
Dichlorobromomethane	0.00083	U	0.00083	0.00021	mg/Kg	☼	10/08/25 14:45	10/09/25 07:47	1
Dichlorodifluoromethane	0.00083	U	0.00083	0.00028	mg/Kg	☼	10/08/25 14:45	10/09/25 07:47	1
Ethylbenzene	0.00083	U	0.00083	0.00039	mg/Kg	☼	10/08/25 14:45	10/09/25 07:47	1
Ethylene Dibromide	0.00083	U	0.00083	0.00042	mg/Kg	☼	10/08/25 14:45	10/09/25 07:47	1
Isopropylbenzene	0.00083	U	0.00083	0.00024	mg/Kg	☼	10/08/25 14:45	10/09/25 07:47	1
Methyl acetate	0.0041	U	0.0041	0.0036	mg/Kg	☼	10/08/25 14:45	10/09/25 07:47	1
Methyl tert-butyl ether	0.00083	U	0.00083	0.00042	mg/Kg	☼	10/08/25 14:45	10/09/25 07:47	1
Methylcyclohexane	0.00083	U	0.00083	0.00041	mg/Kg	☼	10/08/25 14:45	10/09/25 07:47	1
Methylene Chloride	0.0017	U	0.0017	0.00095	mg/Kg	☼	10/08/25 14:45	10/09/25 07:47	1
m-Xylene & p-Xylene	0.00083	U	0.00083	0.00035	mg/Kg	☼	10/08/25 14:45	10/09/25 07:47	1
n-Butylbenzene	0.00083	U	0.00083	0.00024	mg/Kg	☼	10/08/25 14:45	10/09/25 07:47	1
N-Propylbenzene	0.00083	U	0.00083	0.00037	mg/Kg	☼	10/08/25 14:45	10/09/25 07:47	1
o-Xylene	0.00083	U	0.00083	0.00038	mg/Kg	☼	10/08/25 14:45	10/09/25 07:47	1
sec-Butylbenzene	0.00083	U	0.00083	0.00024	mg/Kg	☼	10/08/25 14:45	10/09/25 07:47	1
Styrene	0.00083	U	0.00083	0.00023	mg/Kg	☼	10/08/25 14:45	10/09/25 07:47	1

Client Sample ID: 61A2_5-6

Lab Sample ID: 460-336556-45

Date Collected: 10/06/25 11:40
Matrix: Solid
Date Received: 10/06/25 15:30
Percent Solids: 90.7

Method: SW846 8260D - Volatile Organic Compounds by GC/MS (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
tert-Butylbenzene	0.00083	U	0.00083	0.00023	mg/Kg	☼	10/08/25 14:45	10/09/25 07:47	1
Tetrachloroethene	0.00083	U	0.00083	0.00025	mg/Kg	☼	10/08/25 14:45	10/09/25 07:47	1
Toluene	0.00083	U	0.00083	0.00019	mg/Kg	☼	10/08/25 14:45	10/09/25 07:47	1
trans-1,2-Dichloroethene	0.00083	U	0.00083	0.00020	mg/Kg	☼	10/08/25 14:45	10/09/25 07:47	1
trans-1,3-Dichloropropene	0.00083	U	0.00083	0.00022	mg/Kg	☼	10/08/25 14:45	10/09/25 07:47	1
Trichloroethene	0.00083	U	0.00083	0.00027	mg/Kg	☼	10/08/25 14:45	10/09/25 07:47	1
Trichlorofluoromethane	0.00083	U	0.00083	0.00034	mg/Kg	☼	10/08/25 14:45	10/09/25 07:47	1
Vinyl chloride	0.00083	U	0.00083	0.00045	mg/Kg	☼	10/08/25 14:45	10/09/25 07:47	1
Xylenes, Total	0.0017	U	0.0017	0.00014	mg/Kg	☼	10/08/25 14:45	10/09/25 07:47	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,2-Dichloroethane-d4 (Surr)	*105*		*65 - 138*	*10/08/25 14:45*	*10/09/25 07:47*	*1*
4-Bromofluorobenzene	*99*		*71 - 128*	*10/08/25 14:45*	*10/09/25 07:47*	*1*
Dibromofluoromethane (Surr)	*116*		*50 - 150*	*10/08/25 14:45*	*10/09/25 07:47*	*1*
Toluene-d8 (Surr)	*94*		*71 - 126*	*10/08/25 14:45*	*10/09/25 07:47*	*1*

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Percent Moisture (EPA Moisture)	**9.3**		1.0	1.0	%			10/09/25 11:12	1
Percent Solids (EPA Moisture)	**90.7**		1.0	1.0	%			10/09/25 11:12	1

Client Sample ID: 61A3_5-6

Lab Sample ID: 460-336556-46

Date Collected: 10/06/25 11:45
Matrix: Solid
Date Received: 10/06/25 15:30
Percent Solids: 90.8

Method: SW846 8260D - Volatile Organic Compounds by GC/MS

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1-Trichloroethane	0.0013	U	0.0013	0.00029	mg/Kg	☼	10/08/25 14:45	10/09/25 08:10	1
1,1,2,2-Tetrachloroethane	0.0013	U	0.0013	0.00065	mg/Kg	☼	10/08/25 14:45	10/09/25 08:10	1
1,1,2-Trichloro-1,2,2-trifluoroethane	0.0013	U	0.0013	0.00038	mg/Kg	☼	10/08/25 14:45	10/09/25 08:10	1
1,1,2-Trichloroethane	0.0013	U	0.0013	0.00075	mg/Kg	☼	10/08/25 14:45	10/09/25 08:10	1
1,1-Dichloroethane	0.0013	U	0.0013	0.00075	mg/Kg	☼	10/08/25 14:45	10/09/25 08:10	1
1,1-Dichloroethene	0.0013	U	0.0013	0.00028	mg/Kg	☼	10/08/25 14:45	10/09/25 08:10	1
1,2,3-Trichlorobenzene	0.0013	U	0.0013	0.00092	mg/Kg	☼	10/08/25 14:45	10/09/25 08:10	1
1,2,4-Trichlorobenzene	0.0013	U	0.0013	0.00045	mg/Kg	☼	10/08/25 14:45	10/09/25 08:10	1
1,2,4-Trimethylbenzene	0.0013	U	0.0013	0.00031	mg/Kg	☼	10/08/25 14:45	10/09/25 08:10	1
1,2-Dibromo-3-Chloropropane	0.0013	U	0.0013	0.00058	mg/Kg	☼	10/08/25 14:45	10/09/25 08:10	1
1,2-Dichlorobenzene	0.0013	U	0.0013	0.00045	mg/Kg	☼	10/08/25 14:45	10/09/25 08:10	1
1,2-Dichloroethane	0.0013	U	0.0013	0.00037	mg/Kg	☼	10/08/25 14:45	10/09/25 08:10	1
1,2-Dichloropropane	0.0013	U	0.0013	0.00053	mg/Kg	☼	10/08/25 14:45	10/09/25 08:10	1
1,3,5-Trimethylbenzene	0.0013	U	0.0013	0.00039	mg/Kg	☼	10/08/25 14:45	10/09/25 08:10	1
1,3-Dichlorobenzene	0.0013	U	0.0013	0.00046	mg/Kg	☼	10/08/25 14:45	10/09/25 08:10	1
1,4-Dichlorobenzene	0.0013	U	0.0013	0.00065	mg/Kg	☼	10/08/25 14:45	10/09/25 08:10	1
2-Butanone (MEK)	0.0063	U	0.0063	0.00046	mg/Kg	☼	10/08/25 14:45	10/09/25 08:10	1
2-Hexanone	0.0063	U	0.0063	0.0021	mg/Kg	☼	10/08/25 14:45	10/09/25 08:10	1
4-Methyl-2-pentanone (MIBK)	0.0063	U	0.0063	0.0019	mg/Kg	☼	10/08/25 14:45	10/09/25 08:10	1
Acetone	**0.11**		0.0075	0.0072	mg/Kg	☼	10/08/25 14:45	10/09/25 08:10	1
Benzene	0.0013	U	0.0013	0.00071	mg/Kg	☼	10/08/25 14:45	10/09/25 08:10	1
Bromoform	0.0013	U	0.0013	0.00053	mg/Kg	☼	10/08/25 14:45	10/09/25 08:10	1
Bromomethane	0.0025	U *	0.0025	0.0013	mg/Kg	☼	10/08/25 14:45	10/09/25 08:10	1

Client Sample ID: 61A3_5-6
Date Collected: 10/06/25 11:45
Date Received: 10/06/25 15:30

Lab Sample ID: 460-336556-46
Matrix: Solid
Percent Solids: 90.8

Method: SW846 8260D - Volatile Organic Compounds by GC/MS (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Carbon disulfide	0.0013	U	0.0013	0.00033	mg/Kg	☼	10/08/25 14:45	10/09/25 08:10	1
Carbon tetrachloride	0.0013	U	0.0013	0.00048	mg/Kg	☼	10/08/25 14:45	10/09/25 08:10	1
Chlorobenzene	0.0013	U	0.0013	0.00063	mg/Kg	☼	10/08/25 14:45	10/09/25 08:10	1
Chlorobromomethane	0.0013	U	0.0013	0.00075	mg/Kg	☼	10/08/25 14:45	10/09/25 08:10	1
Chlorodibromomethane	0.0013	U	0.0013	0.00067	mg/Kg	☼	10/08/25 14:45	10/09/25 08:10	1
Chloroethane	0.0013	U	0.0013	0.00065	mg/Kg	☼	10/08/25 14:45	10/09/25 08:10	1
Chloroform	0.0013	U	0.0013	0.0012	mg/Kg	☼	10/08/25 14:45	10/09/25 08:10	1
Chloromethane	0.0013	U	0.0013	0.00054	mg/Kg	☼	10/08/25 14:45	10/09/25 08:10	1
cis-1,2-Dichloroethene	0.0013	U	0.0013	0.00045	mg/Kg	☼	10/08/25 14:45	10/09/25 08:10	1
cis-1,3-Dichloropropene	0.0013	U	0.0013	0.00034	mg/Kg	☼	10/08/25 14:45	10/09/25 08:10	1
Cyclohexane	0.0013	U	0.0013	0.00028	mg/Kg	☼	10/08/25 14:45	10/09/25 08:10	1
Dichlorobromomethane	0.0013	U	0.0013	0.00032	mg/Kg	☼	10/08/25 14:45	10/09/25 08:10	1
Dichlorodifluoromethane	0.0013	U	0.0013	0.00042	mg/Kg	☼	10/08/25 14:45	10/09/25 08:10	1
Ethylbenzene	0.0013	U	0.0013	0.00059	mg/Kg	☼	10/08/25 14:45	10/09/25 08:10	1
Ethylene Dibromide	0.0013	U	0.0013	0.00063	mg/Kg	☼	10/08/25 14:45	10/09/25 08:10	1
Isopropylbenzene	0.0013	U	0.0013	0.00036	mg/Kg	☼	10/08/25 14:45	10/09/25 08:10	1
Methyl acetate	0.0063	U	0.0063	0.0054	mg/Kg	☼	10/08/25 14:45	10/09/25 08:10	1
Methyl tert-butyl ether	0.0013	U	0.0013	0.00064	mg/Kg	☼	10/08/25 14:45	10/09/25 08:10	1
Methylcyclohexane	0.0013	U	0.0013	0.00062	mg/Kg	☼	10/08/25 14:45	10/09/25 08:10	1
Methylene Chloride	0.0025	U	0.0025	0.0014	mg/Kg	☼	10/08/25 14:45	10/09/25 08:10	1
m-Xylene & p-Xylene	0.0013	U	0.0013	0.00053	mg/Kg	☼	10/08/25 14:45	10/09/25 08:10	1
n-Butylbenzene	0.0013	U	0.0013	0.00037	mg/Kg	☼	10/08/25 14:45	10/09/25 08:10	1
N-Propylbenzene	0.0013	U	0.0013	0.00056	mg/Kg	☼	10/08/25 14:45	10/09/25 08:10	1
o-Xylene	0.0013	U	0.0013	0.00058	mg/Kg	☼	10/08/25 14:45	10/09/25 08:10	1
sec-Butylbenzene	0.0013	U	0.0013	0.00036	mg/Kg	☼	10/08/25 14:45	10/09/25 08:10	1
Styrene	0.0013	U	0.0013	0.00035	mg/Kg	☼	10/08/25 14:45	10/09/25 08:10	1
tert-Butylbenzene	0.0013	U	0.0013	0.00035	mg/Kg	☼	10/08/25 14:45	10/09/25 08:10	1
Tetrachloroethene	0.0013	U	0.0013	0.00038	mg/Kg	☼	10/08/25 14:45	10/09/25 08:10	1
Toluene	0.0013	U	0.0013	0.00029	mg/Kg	☼	10/08/25 14:45	10/09/25 08:10	1
trans-1,2-Dichloroethene	0.0013	U	0.0013	0.00031	mg/Kg	☼	10/08/25 14:45	10/09/25 08:10	1
trans-1,3-Dichloropropene	0.0013	U	0.0013	0.00033	mg/Kg	☼	10/08/25 14:45	10/09/25 08:10	1
Trichloroethene	0.0013	U	0.0013	0.00040	mg/Kg	☼	10/08/25 14:45	10/09/25 08:10	1
Trichlorofluoromethane	0.0013	U	0.0013	0.00051	mg/Kg	☼	10/08/25 14:45	10/09/25 08:10	1
Vinyl chloride	0.0013	U	0.0013	0.00068	mg/Kg	☼	10/08/25 14:45	10/09/25 08:10	1
Xylenes, Total	0.0025	U	0.0025	0.00022	mg/Kg	☼	10/08/25 14:45	10/09/25 08:10	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,2-Dichloroethane-d4 (Surr)	*111*		*65 - 138*	*10/08/25 14:45*	*10/09/25 08:10*	*1*
4-Bromofluorobenzene	*99*		*71 - 128*	*10/08/25 14:45*	*10/09/25 08:10*	*1*
Dibromofluoromethane (Surr)	*117*		*50 - 150*	*10/08/25 14:45*	*10/09/25 08:10*	*1*
Toluene-d8 (Surr)	*93*		*71 - 126*	*10/08/25 14:45*	*10/09/25 08:10*	*1*

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Percent Moisture (EPA Moisture)	**9.2**		1.0	1.0	%			10/09/25 11:12	1
Percent Solids (EPA Moisture)	**90.8**		1.0	1.0	%			10/09/25 11:12	1

Client: Haley & Aldrich, Inc.
Project/Site: Former Port Mobil

Job ID: 460-336556-1

Client Sample ID: 61A2_0-1
Date Collected: 10/06/25 11:50
Date Received: 10/06/25 15:30

Lab Sample ID: 460-336556-47
Matrix: Solid
Percent Solids: 89.5

Method: SW846 8260D - Volatile Organic Compounds by GC/MS

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1-Trichloroethane	0.0013	U	0.0013	0.00030	mg/Kg	☼	10/08/25 14:45	10/09/25 08:33	1
1,1,2,2-Tetrachloroethane	0.0013	U	0.0013	0.00067	mg/Kg	☼	10/08/25 14:45	10/09/25 08:33	1
1,1,2-Trichloro-1,2,2-trifluoroethane	0.0013	U	0.0013	0.00038	mg/Kg	☼	10/08/25 14:45	10/09/25 08:33	1
1,1,2-Trichloroethane	0.0013	U	0.0013	0.00077	mg/Kg	☼	10/08/25 14:45	10/09/25 08:33	1
1,1-Dichloroethane	0.0013	U	0.0013	0.00076	mg/Kg	☼	10/08/25 14:45	10/09/25 08:33	1
1,1-Dichloroethene	0.0013	U	0.0013	0.00029	mg/Kg	☼	10/08/25 14:45	10/09/25 08:33	1
1,2,3-Trichlorobenzene	0.0013	U	0.0013	0.00094	mg/Kg	☼	10/08/25 14:45	10/09/25 08:33	1
1,2,4-Trichlorobenzene	0.0013	U	0.0013	0.00046	mg/Kg	☼	10/08/25 14:45	10/09/25 08:33	1
1,2,4-Trimethylbenzene	0.0013	U	0.0013	0.00031	mg/Kg	☼	10/08/25 14:45	10/09/25 08:33	1
1,2-Dibromo-3-Chloropropane	0.0013	U	0.0013	0.00059	mg/Kg	☼	10/08/25 14:45	10/09/25 08:33	1
1,2-Dichlorobenzene	0.0013	U	0.0013	0.00046	mg/Kg	☼	10/08/25 14:45	10/09/25 08:33	1
1,2-Dichloroethane	0.0013	U	0.0013	0.00038	mg/Kg	☼	10/08/25 14:45	10/09/25 08:33	1
1,2-Dichloropropane	0.0013	U	0.0013	0.00054	mg/Kg	☼	10/08/25 14:45	10/09/25 08:33	1
1,3,5-Trimethylbenzene	0.0013	U	0.0013	0.00040	mg/Kg	☼	10/08/25 14:45	10/09/25 08:33	1
1,3-Dichlorobenzene	0.0013	U	0.0013	0.00047	mg/Kg	☼	10/08/25 14:45	10/09/25 08:33	1
1,4-Dichlorobenzene	0.0013	U	0.0013	0.00066	mg/Kg	☼	10/08/25 14:45	10/09/25 08:33	1
2-Butanone (MEK)	0.0064	U	0.0064	0.00047	mg/Kg	☼	10/08/25 14:45	10/09/25 08:33	1
2-Hexanone	0.0064	U	0.0064	0.0022	mg/Kg	☼	10/08/25 14:45	10/09/25 08:33	1
4-Methyl-2-pentanone (MIBK)	0.0064	U	0.0064	0.0020	mg/Kg	☼	10/08/25 14:45	10/09/25 08:33	1
Acetone	**0.032**		0.0076	0.0073	mg/Kg	☼	10/08/25 14:45	10/09/25 08:33	1
Benzene	0.0013	U	0.0013	0.00072	mg/Kg	☼	10/08/25 14:45	10/09/25 08:33	1
Bromoform	0.0013	U	0.0013	0.00054	mg/Kg	☼	10/08/25 14:45	10/09/25 08:33	1
Bromomethane	0.0025	U *	0.0025	0.0013	mg/Kg	☼	10/08/25 14:45	10/09/25 08:33	1
Carbon disulfide	0.0013	U	0.0013	0.00034	mg/Kg	☼	10/08/25 14:45	10/09/25 08:33	1
Carbon tetrachloride	0.0013	U	0.0013	0.00049	mg/Kg	☼	10/08/25 14:45	10/09/25 08:33	1
Chlorobenzene	0.0013	U	0.0013	0.00065	mg/Kg	☼	10/08/25 14:45	10/09/25 08:33	1
Chlorobromomethane	0.0013	U	0.0013	0.00076	mg/Kg	☼	10/08/25 14:45	10/09/25 08:33	1
Chlorodibromomethane	0.0013	U	0.0013	0.00068	mg/Kg	☼	10/08/25 14:45	10/09/25 08:33	1
Chloroethane	0.0013	U	0.0013	0.00067	mg/Kg	☼	10/08/25 14:45	10/09/25 08:33	1
Chloroform	0.0013	U	0.0013	0.0012	mg/Kg	☼	10/08/25 14:45	10/09/25 08:33	1
Chloromethane	0.0013	U	0.0013	0.00055	mg/Kg	☼	10/08/25 14:45	10/09/25 08:33	1
cis-1,2-Dichloroethene	0.0013	U	0.0013	0.00046	mg/Kg	☼	10/08/25 14:45	10/09/25 08:33	1
cis-1,3-Dichloropropene	0.0013	U	0.0013	0.00035	mg/Kg	☼	10/08/25 14:45	10/09/25 08:33	1
Cyclohexane	0.0013	U	0.0013	0.00028	mg/Kg	☼	10/08/25 14:45	10/09/25 08:33	1
Dichlorobromomethane	0.0013	U	0.0013	0.00033	mg/Kg	☼	10/08/25 14:45	10/09/25 08:33	1
Dichlorodifluoromethane	0.0013	U	0.0013	0.00043	mg/Kg	☼	10/08/25 14:45	10/09/25 08:33	1
Ethylbenzene	0.0013	U	0.0013	0.00060	mg/Kg	☼	10/08/25 14:45	10/09/25 08:33	1
Ethylene Dibromide	0.0013	U	0.0013	0.00064	mg/Kg	☼	10/08/25 14:45	10/09/25 08:33	1
Isopropylbenzene	0.0013	U	0.0013	0.00036	mg/Kg	☼	10/08/25 14:45	10/09/25 08:33	1
Methyl acetate	0.0064	U	0.0064	0.0055	mg/Kg	☼	10/08/25 14:45	10/09/25 08:33	1
Methyl tert-butyl ether	0.0013	U	0.0013	0.00065	mg/Kg	☼	10/08/25 14:45	10/09/25 08:33	1
Methylcyclohexane	0.0013	U	0.0013	0.00064	mg/Kg	☼	10/08/25 14:45	10/09/25 08:33	1
Methylene Chloride	0.0025	U	0.0025	0.0015	mg/Kg	☼	10/08/25 14:45	10/09/25 08:33	1
m-Xylene & p-Xylene	0.0013	U	0.0013	0.00054	mg/Kg	☼	10/08/25 14:45	10/09/25 08:33	1
n-Butylbenzene	0.0013	U	0.0013	0.00037	mg/Kg	☼	10/08/25 14:45	10/09/25 08:33	1
N-Propylbenzene	0.0013	U	0.0013	0.00057	mg/Kg	☼	10/08/25 14:45	10/09/25 08:33	1
o-Xylene	0.0013	U	0.0013	0.00059	mg/Kg	☼	10/08/25 14:45	10/09/25 08:33	1
sec-Butylbenzene	0.0013	U	0.0013	0.00037	mg/Kg	☼	10/08/25 14:45	10/09/25 08:33	1
Styrene	0.0013	U	0.0013	0.00035	mg/Kg	☼	10/08/25 14:45	10/09/25 08:33	1

Client Sample ID: 61A2_0-1

Lab Sample ID: 460-336556-47

Date Collected: 10/06/25 11:50
Matrix: Solid
Date Received: 10/06/25 15:30
Percent Solids: 89.5

Method: SW846 8260D - Volatile Organic Compounds by GC/MS (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
tert-Butylbenzene	0.0013	U	0.0013	0.00035	mg/Kg	☼	10/08/25 14:45	10/09/25 08:33	1
Tetrachloroethene	0.0013	U	0.0013	0.00039	mg/Kg	☼	10/08/25 14:45	10/09/25 08:33	1
Toluene	0.0013	U	0.0013	0.00030	mg/Kg	☼	10/08/25 14:45	10/09/25 08:33	1
trans-1,2-Dichloroethene	0.0013	U	0.0013	0.00031	mg/Kg	☼	10/08/25 14:45	10/09/25 08:33	1
trans-1,3-Dichloropropene	0.0013	U	0.0013	0.00034	mg/Kg	☼	10/08/25 14:45	10/09/25 08:33	1
Trichloroethene	0.0013	U	0.0013	0.00041	mg/Kg	☼	10/08/25 14:45	10/09/25 08:33	1
Trichlorofluoromethane	0.0013	U	0.0013	0.00052	mg/Kg	☼	10/08/25 14:45	10/09/25 08:33	1
Vinyl chloride	0.0013	U	0.0013	0.00070	mg/Kg	☼	10/08/25 14:45	10/09/25 08:33	1
Xylenes, Total	0.0025	U	0.0025	0.00022	mg/Kg	☼	10/08/25 14:45	10/09/25 08:33	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,2-Dichloroethane-d4 (Surr)	*110*		*65 - 138*	*10/08/25 14:45*	*10/09/25 08:33*	*1*
4-Bromofluorobenzene	*97*		*71 - 128*	*10/08/25 14:45*	*10/09/25 08:33*	*1*
Dibromofluoromethane (Surr)	*114*		*50 - 150*	*10/08/25 14:45*	*10/09/25 08:33*	*1*
Toluene-d8 (Surr)	*93*		*71 - 126*	*10/08/25 14:45*	*10/09/25 08:33*	*1*

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Percent Moisture (EPA Moisture)	**10.5**		1.0	1.0	%			10/09/25 11:12	1
Percent Solids (EPA Moisture)	**89.5**		1.0	1.0	%			10/09/25 11:12	1

Client Sample ID: 62A1_1-2

Lab Sample ID: 460-336556-48

Date Collected: 10/06/25 11:55
Matrix: Solid
Date Received: 10/06/25 15:30
Percent Solids: 92.0

Method: SW846 8260D - Volatile Organic Compounds by GC/MS

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1-Trichloroethane	0.00086	U	0.00086	0.00020	mg/Kg	☼	10/08/25 14:46	10/09/25 08:56	1
1,1,2,2-Tetrachloroethane	0.00086	U	0.00086	0.00045	mg/Kg	☼	10/08/25 14:46	10/09/25 08:56	1
1,1,2-Trichloro-1,2,2-trifluoroethane	0.00086	U	0.00086	0.00026	mg/Kg	☼	10/08/25 14:46	10/09/25 08:56	1
1,1,2-Trichloroethane	0.00086	U	0.00086	0.00052	mg/Kg	☼	10/08/25 14:46	10/09/25 08:56	1
1,1-Dichloroethane	0.00086	U	0.00086	0.00052	mg/Kg	☼	10/08/25 14:46	10/09/25 08:56	1
1,1-Dichloroethene	0.00086	U	0.00086	0.00019	mg/Kg	☼	10/08/25 14:46	10/09/25 08:56	1
1,2,3-Trichlorobenzene	0.00086	U	0.00086	0.00064	mg/Kg	☼	10/08/25 14:46	10/09/25 08:56	1
1,2,4-Trichlorobenzene	0.00086	U	0.00086	0.00031	mg/Kg	☼	10/08/25 14:46	10/09/25 08:56	1
1,2,4-Trimethylbenzene	0.00086	U	0.00086	0.00021	mg/Kg	☼	10/08/25 14:46	10/09/25 08:56	1
1,2-Dibromo-3-Chloropropane	0.00086	U	0.00086	0.00040	mg/Kg	☼	10/08/25 14:46	10/09/25 08:56	1
1,2-Dichlorobenzene	0.00086	U	0.00086	0.00031	mg/Kg	☼	10/08/25 14:46	10/09/25 08:56	1
1,2-Dichloroethane	0.00086	U	0.00086	0.00026	mg/Kg	☼	10/08/25 14:46	10/09/25 08:56	1
1,2-Dichloropropane	0.00086	U	0.00086	0.00036	mg/Kg	☼	10/08/25 14:46	10/09/25 08:56	1
1,3,5-Trimethylbenzene	0.00086	U	0.00086	0.00027	mg/Kg	☼	10/08/25 14:46	10/09/25 08:56	1
1,3-Dichlorobenzene	0.00086	U	0.00086	0.00031	mg/Kg	☼	10/08/25 14:46	10/09/25 08:56	1
1,4-Dichlorobenzene	0.00086	U	0.00086	0.00045	mg/Kg	☼	10/08/25 14:46	10/09/25 08:56	1
2-Butanone (MEK)	0.0043	U	0.0043	0.00032	mg/Kg	☼	10/08/25 14:46	10/09/25 08:56	1
2-Hexanone	0.0043	U	0.0043	0.0015	mg/Kg	☼	10/08/25 14:46	10/09/25 08:56	1
4-Methyl-2-pentanone (MIBK)	0.0043	U	0.0043	0.0013	mg/Kg	☼	10/08/25 14:46	10/09/25 08:56	1
Acetone	**0.036**		0.0052	0.0049	mg/Kg	☼	10/08/25 14:46	10/09/25 08:56	1
Benzene	0.00086	U	0.00086	0.00049	mg/Kg	☼	10/08/25 14:46	10/09/25 08:56	1
Bromoform	0.00086	U	0.00086	0.00037	mg/Kg	☼	10/08/25 14:46	10/09/25 08:56	1
Bromomethane	0.0017	U *	0.0017	0.00086	mg/Kg	☼	10/08/25 14:46	10/09/25 08:56	1

Client Sample ID: 62A1_1-2
Date Collected: 10/06/25 11:55
Date Received: 10/06/25 15:30

Lab Sample ID: 460-336556-48
Matrix: Solid
Percent Solids: 92.0

Method: SW846 8260D - Volatile Organic Compounds by GC/MS (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Carbon disulfide	0.00086	U	0.00086	0.00023	mg/Kg	☼	10/08/25 14:46	10/09/25 08:56	1
Carbon tetrachloride	0.00086	U	0.00086	0.00033	mg/Kg	☼	10/08/25 14:46	10/09/25 08:56	1
Chlorobenzene	0.00086	U	0.00086	0.00044	mg/Kg	☼	10/08/25 14:46	10/09/25 08:56	1
Chlorobromomethane	0.00086	U	0.00086	0.00051	mg/Kg	☼	10/08/25 14:46	10/09/25 08:56	1
Chlorodibromomethane	0.00086	U	0.00086	0.00046	mg/Kg	☼	10/08/25 14:46	10/09/25 08:56	1
Chloroethane	0.00086	U	0.00086	0.00045	mg/Kg	☼	10/08/25 14:46	10/09/25 08:56	1
Chloroform	0.00086	U	0.00086	0.00084	mg/Kg	☼	10/08/25 14:46	10/09/25 08:56	1
Chloromethane	0.00086	U	0.00086	0.00038	mg/Kg	☼	10/08/25 14:46	10/09/25 08:56	1
cis-1,2-Dichloroethene	0.00086	U	0.00086	0.00031	mg/Kg	☼	10/08/25 14:46	10/09/25 08:56	1
cis-1,3-Dichloropropene	0.00086	U	0.00086	0.00024	mg/Kg	☼	10/08/25 14:46	10/09/25 08:56	1
Cyclohexane	0.00086	U	0.00086	0.00019	mg/Kg	☼	10/08/25 14:46	10/09/25 08:56	1
Dichlorobromomethane	0.00086	U	0.00086	0.00022	mg/Kg	☼	10/08/25 14:46	10/09/25 08:56	1
Dichlorodifluoromethane	0.00086	U	0.00086	0.00029	mg/Kg	☼	10/08/25 14:46	10/09/25 08:56	1
Ethylbenzene	0.00086	U	0.00086	0.00040	mg/Kg	☼	10/08/25 14:46	10/09/25 08:56	1
Ethylene Dibromide	0.00086	U	0.00086	0.00043	mg/Kg	☼	10/08/25 14:46	10/09/25 08:56	1
Isopropylbenzene	0.00086	U	0.00086	0.00025	mg/Kg	☼	10/08/25 14:46	10/09/25 08:56	1
Methyl acetate	0.0043	U	0.0043	0.0037	mg/Kg	☼	10/08/25 14:46	10/09/25 08:56	1
Methyl tert-butyl ether	0.00086	U	0.00086	0.00044	mg/Kg	☼	10/08/25 14:46	10/09/25 08:56	1
Methylcyclohexane	0.00086	U	0.00086	0.00043	mg/Kg	☼	10/08/25 14:46	10/09/25 08:56	1
Methylene Chloride	0.0017	U	0.0017	0.00099	mg/Kg	☼	10/08/25 14:46	10/09/25 08:56	1
m-Xylene & p-Xylene	0.00086	U	0.00086	0.00036	mg/Kg	☼	10/08/25 14:46	10/09/25 08:56	1
n-Butylbenzene	0.00086	U	0.00086	0.00025	mg/Kg	☼	10/08/25 14:46	10/09/25 08:56	1
N-Propylbenzene	0.00086	U	0.00086	0.00039	mg/Kg	☼	10/08/25 14:46	10/09/25 08:56	1
o-Xylene	0.00086	U	0.00086	0.00040	mg/Kg	☼	10/08/25 14:46	10/09/25 08:56	1
sec-Butylbenzene	0.00086	U	0.00086	0.00025	mg/Kg	☼	10/08/25 14:46	10/09/25 08:56	1
Styrene	0.00086	U	0.00086	0.00024	mg/Kg	☼	10/08/25 14:46	10/09/25 08:56	1
tert-Butylbenzene	0.00086	U	0.00086	0.00024	mg/Kg	☼	10/08/25 14:46	10/09/25 08:56	1
Tetrachloroethene	0.00086	U	0.00086	0.00026	mg/Kg	☼	10/08/25 14:46	10/09/25 08:56	1
Toluene	0.00086	U	0.00086	0.00020	mg/Kg	☼	10/08/25 14:46	10/09/25 08:56	1
trans-1,2-Dichloroethene	0.00086	U	0.00086	0.00021	mg/Kg	☼	10/08/25 14:46	10/09/25 08:56	1
trans-1,3-Dichloropropene	0.00086	U	0.00086	0.00023	mg/Kg	☼	10/08/25 14:46	10/09/25 08:56	1
Trichloroethene	0.00086	U	0.00086	0.00028	mg/Kg	☼	10/08/25 14:46	10/09/25 08:56	1
Trichlorofluoromethane	0.00086	U	0.00086	0.00035	mg/Kg	☼	10/08/25 14:46	10/09/25 08:56	1
Vinyl chloride	0.00086	U	0.00086	0.00047	mg/Kg	☼	10/08/25 14:46	10/09/25 08:56	1
Xylenes, Total	0.0017	U	0.0017	0.00015	mg/Kg	☼	10/08/25 14:46	10/09/25 08:56	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,2-Dichloroethane-d4 (Surr)	*108*		*65 - 138*	*10/08/25 14:46*	*10/09/25 08:56*	*1*
4-Bromofluorobenzene	*99*		*71 - 128*	*10/08/25 14:46*	*10/09/25 08:56*	*1*
Dibromofluoromethane (Surr)	*116*		*50 - 150*	*10/08/25 14:46*	*10/09/25 08:56*	*1*
Toluene-d8 (Surr)	*93*		*71 - 126*	*10/08/25 14:46*	*10/09/25 08:56*	*1*

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Percent Moisture (EPA Moisture)	**8.0**		1.0	1.0	%			10/09/25 11:12	1
Percent Solids (EPA Moisture)	**92.0**		1.0	1.0	%			10/09/25 11:12	1

Client: Haley & Aldrich, Inc.
Project/Site: Former Port Mobil

Job ID: 460-336556-1

Client Sample ID: 62A2_2-3
Date Collected: 10/06/25 12:00
Date Received: 10/06/25 15:30

Lab Sample ID: 460-336556-49
Matrix: Solid
Percent Solids: 91.7

Method: SW846 8260D - Volatile Organic Compounds by GC/MS

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1-Trichloroethane	0.0010	U	0.0010	0.00024	mg/Kg	☼	10/08/25 14:46	10/09/25 05:47	1
1,1,2,2-Tetrachloroethane	0.0010	U	0.0010	0.00053	mg/Kg	☼	10/08/25 14:46	10/09/25 05:47	1
1,1,2-Trichloro-1,2,2-trifluoroethane	0.0010	U	0.0010	0.00030	mg/Kg	☼	10/08/25 14:46	10/09/25 05:47	1
1,1,2-Trichloroethane	0.0010	U	0.0010	0.00061	mg/Kg	☼	10/08/25 14:46	10/09/25 05:47	1
1,1-Dichloroethane	0.0010	U	0.0010	0.00060	mg/Kg	☼	10/08/25 14:46	10/09/25 05:47	1
1,1-Dichloroethene	0.0010	U	0.0010	0.00023	mg/Kg	☼	10/08/25 14:46	10/09/25 05:47	1
1,2,3-Trichlorobenzene	0.0010	U	0.0010	0.00075	mg/Kg	☼	10/08/25 14:46	10/09/25 05:47	1
1,2,4-Trichlorobenzene	0.0010	U	0.0010	0.00036	mg/Kg	☼	10/08/25 14:46	10/09/25 05:47	1
1,2,4-Trimethylbenzene	0.0010	U	0.0010	0.00025	mg/Kg	☼	10/08/25 14:46	10/09/25 05:47	1
1,2-Dibromo-3-Chloropropane	0.0010	U	0.0010	0.00047	mg/Kg	☼	10/08/25 14:46	10/09/25 05:47	1
1,2-Dichlorobenzene	0.0010	U	0.0010	0.00037	mg/Kg	☼	10/08/25 14:46	10/09/25 05:47	1
1,2-Dichloroethane	0.0010	U	0.0010	0.00030	mg/Kg	☼	10/08/25 14:46	10/09/25 05:47	1
1,2-Dichloropropane	0.0010	U	0.0010	0.00043	mg/Kg	☼	10/08/25 14:46	10/09/25 05:47	1
1,3,5-Trimethylbenzene	0.0010	U	0.0010	0.00032	mg/Kg	☼	10/08/25 14:46	10/09/25 05:47	1
1,3-Dichlorobenzene	0.0010	U	0.0010	0.00037	mg/Kg	☼	10/08/25 14:46	10/09/25 05:47	1
1,4-Dichlorobenzene	0.0010	U	0.0010	0.00053	mg/Kg	☼	10/08/25 14:46	10/09/25 05:47	1
2-Butanone (MEK)	0.0051	U	0.0051	0.00037	mg/Kg	☼	10/08/25 14:46	10/09/25 05:47	1
2-Hexanone	0.0051	U	0.0051	0.0017	mg/Kg	☼	10/08/25 14:46	10/09/25 05:47	1
4-Methyl-2-pentanone (MIBK)	0.0051	U	0.0051	0.0016	mg/Kg	☼	10/08/25 14:46	10/09/25 05:47	1
Acetone	0.0061	U	0.0061	0.0058	mg/Kg	☼	10/08/25 14:46	10/09/25 05:47	1
Benzene	0.0010	U	0.0010	0.00057	mg/Kg	☼	10/08/25 14:46	10/09/25 05:47	1
Bromoform	0.0010	U	0.0010	0.00043	mg/Kg	☼	10/08/25 14:46	10/09/25 05:47	1
Bromomethane	0.0020	U	0.0020	0.0010	mg/Kg	☼	10/08/25 14:46	10/09/25 05:47	1
Carbon disulfide	0.0010	U	0.0010	0.00027	mg/Kg	☼	10/08/25 14:46	10/09/25 05:47	1
Carbon tetrachloride	0.0010	U	0.0010	0.00039	mg/Kg	☼	10/08/25 14:46	10/09/25 05:47	1
Chlorobenzene	0.0010	U	0.0010	0.00051	mg/Kg	☼	10/08/25 14:46	10/09/25 05:47	1
Chlorobromomethane	0.0010	U	0.0010	0.00060	mg/Kg	☼	10/08/25 14:46	10/09/25 05:47	1
Chlorodibromomethane	0.0010	U	0.0010	0.00054	mg/Kg	☼	10/08/25 14:46	10/09/25 05:47	1
Chloroethane	0.0010	U	0.0010	0.00053	mg/Kg	☼	10/08/25 14:46	10/09/25 05:47	1
Chloroform	0.0010	U	0.0010	0.00098	mg/Kg	☼	10/08/25 14:46	10/09/25 05:47	1
Chloromethane	0.0010	U	0.0010	0.00044	mg/Kg	☼	10/08/25 14:46	10/09/25 05:47	1
cis-1,2-Dichloroethene	0.0010	U	0.0010	0.00036	mg/Kg	☼	10/08/25 14:46	10/09/25 05:47	1
cis-1,3-Dichloropropene	0.0010	U	0.0010	0.00028	mg/Kg	☼	10/08/25 14:46	10/09/25 05:47	1
Cyclohexane	0.0010	U	0.0010	0.00022	mg/Kg	☼	10/08/25 14:46	10/09/25 05:47	1
Dichlorobromomethane	0.0010	U	0.0010	0.00026	mg/Kg	☼	10/08/25 14:46	10/09/25 05:47	1
Dichlorodifluoromethane	0.0010	U	0.0010	0.00034	mg/Kg	☼	10/08/25 14:46	10/09/25 05:47	1
Ethylbenzene	0.0010	U	0.0010	0.00047	mg/Kg	☼	10/08/25 14:46	10/09/25 05:47	1
Ethylene Dibromide	0.0010	U	0.0010	0.00051	mg/Kg	☼	10/08/25 14:46	10/09/25 05:47	1
Isopropylbenzene	0.0010	U	0.0010	0.00029	mg/Kg	☼	10/08/25 14:46	10/09/25 05:47	1
Methyl acetate	0.0051	U	0.0051	0.0044	mg/Kg	☼	10/08/25 14:46	10/09/25 05:47	1
Methyl tert-butyl ether	0.0010	U	0.0010	0.00052	mg/Kg	☼	10/08/25 14:46	10/09/25 05:47	1
Methylcyclohexane	0.0010	U	0.0010	0.00050	mg/Kg	☼	10/08/25 14:46	10/09/25 05:47	1
Methylene Chloride	0.0020	U	0.0020	0.0012	mg/Kg	☼	10/08/25 14:46	10/09/25 05:47	1
m-Xylene & p-Xylene	0.0010	U	0.0010	0.00043	mg/Kg	☼	10/08/25 14:46	10/09/25 05:47	1
n-Butylbenzene	0.0010	U	0.0010	0.00030	mg/Kg	☼	10/08/25 14:46	10/09/25 05:47	1
N-Propylbenzene	0.0010	U	0.0010	0.00045	mg/Kg	☼	10/08/25 14:46	10/09/25 05:47	1
o-Xylene	0.0010	U	0.0010	0.00047	mg/Kg	☼	10/08/25 14:46	10/09/25 05:47	1
sec-Butylbenzene	0.0010	U	0.0010	0.00029	mg/Kg	☼	10/08/25 14:46	10/09/25 05:47	1
Styrene	0.0010	U	0.0010	0.00028	mg/Kg	☼	10/08/25 14:46	10/09/25 05:47	1

Client Sample ID: 62A2_2-3

Lab Sample ID: 460-336556-49

Date Collected: 10/06/25 12:00
Matrix: Solid
Date Received: 10/06/25 15:30
Percent Solids: 91.7

Method: SW846 8260D - Volatile Organic Compounds by GC/MS (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
tert-Butylbenzene	0.0010	U	0.0010	0.00028	mg/Kg	☼	10/08/25 14:46	10/09/25 05:47	1
Tetrachloroethene	0.0010	U	0.0010	0.00031	mg/Kg	☼	10/08/25 14:46	10/09/25 05:47	1
Toluene	0.0010	U	0.0010	0.00024	mg/Kg	☼	10/08/25 14:46	10/09/25 05:47	1
trans-1,2-Dichloroethene	0.0010	U	0.0010	0.00025	mg/Kg	☼	10/08/25 14:46	10/09/25 05:47	1
trans-1,3-Dichloropropene	0.0010	U	0.0010	0.00027	mg/Kg	☼	10/08/25 14:46	10/09/25 05:47	1
Trichloroethene	0.0010	U	0.0010	0.00032	mg/Kg	☼	10/08/25 14:46	10/09/25 05:47	1
Trichlorofluoromethane	0.0010	U	0.0010	0.00041	mg/Kg	☼	10/08/25 14:46	10/09/25 05:47	1
Vinyl chloride	0.0010	U	0.0010	0.00055	mg/Kg	☼	10/08/25 14:46	10/09/25 05:47	1
Xylenes, Total	0.0020	U	0.0020	0.00018	mg/Kg	☼	10/08/25 14:46	10/09/25 05:47	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,2-Dichloroethane-d4 (Surr)	*93*		*65 - 138*	*10/08/25 14:46*	*10/09/25 05:47*	*1*
4-Bromofluorobenzene	*94*		*71 - 128*	*10/08/25 14:46*	*10/09/25 05:47*	*1*
Dibromofluoromethane (Surr)	*98*		*50 - 150*	*10/08/25 14:46*	*10/09/25 05:47*	*1*
Toluene-d8 (Surr)	*101*		*71 - 126*	*10/08/25 14:46*	*10/09/25 05:47*	*1*

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Percent Moisture (EPA Moisture)	**8.3**		1.0	1.0	%			10/09/25 11:12	1
Percent Solids (EPA Moisture)	**91.7**		1.0	1.0	%			10/09/25 11:12	1

Client Sample ID: 62A3_3-4

Lab Sample ID: 460-336556-50

Date Collected: 10/06/25 12:05
Matrix: Solid
Date Received: 10/06/25 15:30
Percent Solids: 94.2

Method: SW846 8260D - Volatile Organic Compounds by GC/MS

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1-Trichloroethane	0.0012	U	0.0012	0.00027	mg/Kg	☼	10/08/25 14:47	10/09/25 06:11	1
1,1,2,2-Tetrachloroethane	0.0012	U	0.0012	0.00061	mg/Kg	☼	10/08/25 14:47	10/09/25 06:11	1
1,1,2-Trichloro-1,2,2-trifluoroethane	0.0012	U	0.0012	0.00035	mg/Kg	☼	10/08/25 14:47	10/09/25 06:11	1
1,1,2-Trichloroethane	0.0012	U	0.0012	0.00071	mg/Kg	☼	10/08/25 14:47	10/09/25 06:11	1
1,1-Dichloroethane	0.0012	U	0.0012	0.00070	mg/Kg	☼	10/08/25 14:47	10/09/25 06:11	1
1,1-Dichloroethene	0.0012	U	0.0012	0.00026	mg/Kg	☼	10/08/25 14:47	10/09/25 06:11	1
1,2,3-Trichlorobenzene	0.0012	U	0.0012	0.00087	mg/Kg	☼	10/08/25 14:47	10/09/25 06:11	1
1,2,4-Trichlorobenzene	0.0012	U	0.0012	0.00042	mg/Kg	☼	10/08/25 14:47	10/09/25 06:11	1
1,2,4-Trimethylbenzene	0.0012	U	0.0012	0.00029	mg/Kg	☼	10/08/25 14:47	10/09/25 06:11	1
1,2-Dibromo-3-Chloropropane	0.0012	U	0.0012	0.00054	mg/Kg	☼	10/08/25 14:47	10/09/25 06:11	1
1,2-Dichlorobenzene	0.0012	U	0.0012	0.00042	mg/Kg	☼	10/08/25 14:47	10/09/25 06:11	1
1,2-Dichloroethane	0.0012	U	0.0012	0.00035	mg/Kg	☼	10/08/25 14:47	10/09/25 06:11	1
1,2-Dichloropropane	0.0012	U	0.0012	0.00050	mg/Kg	☼	10/08/25 14:47	10/09/25 06:11	1
1,3,5-Trimethylbenzene	0.0012	U	0.0012	0.00037	mg/Kg	☼	10/08/25 14:47	10/09/25 06:11	1
1,3-Dichlorobenzene	0.0012	U	0.0012	0.00043	mg/Kg	☼	10/08/25 14:47	10/09/25 06:11	1
1,4-Dichlorobenzene	0.0012	U	0.0012	0.00061	mg/Kg	☼	10/08/25 14:47	10/09/25 06:11	1
2-Butanone (MEK)	0.0059	U	0.0059	0.00043	mg/Kg	☼	10/08/25 14:47	10/09/25 06:11	1
2-Hexanone	0.0059	U	0.0059	0.0020	mg/Kg	☼	10/08/25 14:47	10/09/25 06:11	1
4-Methyl-2-pentanone (MIBK)	0.0059	U	0.0059	0.0018	mg/Kg	☼	10/08/25 14:47	10/09/25 06:11	1
Acetone	**0.060**		0.0070	0.0067	mg/Kg	☼	10/08/25 14:47	10/09/25 06:11	1
Benzene	0.0012	U	0.0012	0.00067	mg/Kg	☼	10/08/25 14:47	10/09/25 06:11	1
Bromoform	0.0012	U	0.0012	0.00050	mg/Kg	☼	10/08/25 14:47	10/09/25 06:11	1
Bromomethane	0.0023	U	0.0023	0.0012	mg/Kg	☼	10/08/25 14:47	10/09/25 06:11	1

Client Sample ID: 62A3_3-4
Date Collected: 10/06/25 12:05
Date Received: 10/06/25 15:30

Lab Sample ID: 460-336556-50
Matrix: Solid
Percent Solids: 94.2

Method: SW846 8260D - Volatile Organic Compounds by GC/MS (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Carbon disulfide	0.0012	U	0.0012	0.00031	mg/Kg	☼	10/08/25 14:47	10/09/25 06:11	1
Carbon tetrachloride	0.0012	U	0.0012	0.00045	mg/Kg	☼	10/08/25 14:47	10/09/25 06:11	1
Chlorobenzene	0.0012	U	0.0012	0.00060	mg/Kg	☼	10/08/25 14:47	10/09/25 06:11	1
Chlorobromomethane	0.0012	U	0.0012	0.00070	mg/Kg	☼	10/08/25 14:47	10/09/25 06:11	1
Chlorodibromomethane	0.0012	U	0.0012	0.00063	mg/Kg	☼	10/08/25 14:47	10/09/25 06:11	1
Chloroethane	0.0012	U	0.0012	0.00061	mg/Kg	☼	10/08/25 14:47	10/09/25 06:11	1
Chloroform	0.0012	U	0.0012	0.0011	mg/Kg	☼	10/08/25 14:47	10/09/25 06:11	1
Chloromethane	0.0012	U	0.0012	0.00051	mg/Kg	☼	10/08/25 14:47	10/09/25 06:11	1
cis-1,2-Dichloroethene	0.0012	U	0.0012	0.00042	mg/Kg	☼	10/08/25 14:47	10/09/25 06:11	1
cis-1,3-Dichloropropene	0.0012	U	0.0012	0.00032	mg/Kg	☼	10/08/25 14:47	10/09/25 06:11	1
Cyclohexane	0.0012	U	0.0012	0.00026	mg/Kg	☼	10/08/25 14:47	10/09/25 06:11	1
Dichlorobromomethane	0.0012	U	0.0012	0.00030	mg/Kg	☼	10/08/25 14:47	10/09/25 06:11	1
Dichlorodifluoromethane	0.0012	U	0.0012	0.00040	mg/Kg	☼	10/08/25 14:47	10/09/25 06:11	1
Ethylbenzene	0.0012	U	0.0012	0.00055	mg/Kg	☼	10/08/25 14:47	10/09/25 06:11	1
Ethylene Dibromide	0.0012	U	0.0012	0.00059	mg/Kg	☼	10/08/25 14:47	10/09/25 06:11	1
Isopropylbenzene	0.0012	U	0.0012	0.00033	mg/Kg	☼	10/08/25 14:47	10/09/25 06:11	1
Methyl acetate	0.0059	U	0.0059	0.0051	mg/Kg	☼	10/08/25 14:47	10/09/25 06:11	1
Methyl tert-butyl ether	0.0012	U	0.0012	0.00060	mg/Kg	☼	10/08/25 14:47	10/09/25 06:11	1
Methylcyclohexane	0.0012	U	0.0012	0.00059	mg/Kg	☼	10/08/25 14:47	10/09/25 06:11	1
Methylene Chloride	0.0023	U	0.0023	0.0013	mg/Kg	☼	10/08/25 14:47	10/09/25 06:11	1
m-Xylene & p-Xylene	0.0012	U	0.0012	0.00050	mg/Kg	☼	10/08/25 14:47	10/09/25 06:11	1
n-Butylbenzene	0.0012	U	0.0012	0.00035	mg/Kg	☼	10/08/25 14:47	10/09/25 06:11	1
N-Propylbenzene	0.0012	U	0.0012	0.00053	mg/Kg	☼	10/08/25 14:47	10/09/25 06:11	1
o-Xylene	0.0012	U	0.0012	0.00054	mg/Kg	☼	10/08/25 14:47	10/09/25 06:11	1
sec-Butylbenzene	0.0012	U	0.0012	0.00034	mg/Kg	☼	10/08/25 14:47	10/09/25 06:11	1
Styrene	0.0012	U	0.0012	0.00033	mg/Kg	☼	10/08/25 14:47	10/09/25 06:11	1
tert-Butylbenzene	0.0012	U	0.0012	0.00032	mg/Kg	☼	10/08/25 14:47	10/09/25 06:11	1
Tetrachloroethene	0.0012	U	0.0012	0.00036	mg/Kg	☼	10/08/25 14:47	10/09/25 06:11	1
Toluene	0.0012	U	0.0012	0.00027	mg/Kg	☼	10/08/25 14:47	10/09/25 06:11	1
trans-1,2-Dichloroethene	0.0012	U	0.0012	0.00029	mg/Kg	☼	10/08/25 14:47	10/09/25 06:11	1
trans-1,3-Dichloropropene	0.0012	U	0.0012	0.00031	mg/Kg	☼	10/08/25 14:47	10/09/25 06:11	1
Trichloroethene	0.0012	U	0.0012	0.00038	mg/Kg	☼	10/08/25 14:47	10/09/25 06:11	1
Trichlorofluoromethane	0.0012	U	0.0012	0.00048	mg/Kg	☼	10/08/25 14:47	10/09/25 06:11	1
Vinyl chloride	0.0012	U	0.0012	0.00064	mg/Kg	☼	10/08/25 14:47	10/09/25 06:11	1
Xylenes, Total	0.0023	U	0.0023	0.00020	mg/Kg	☼	10/08/25 14:47	10/09/25 06:11	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,2-Dichloroethane-d4 (Surr)	*93*		*65 - 138*	*10/08/25 14:47*	*10/09/25 06:11*	*1*
4-Bromofluorobenzene	*95*		*71 - 128*	*10/08/25 14:47*	*10/09/25 06:11*	*1*
Dibromofluoromethane (Surr)	*98*		*50 - 150*	*10/08/25 14:47*	*10/09/25 06:11*	*1*
Toluene-d8 (Surr)	*102*		*71 - 126*	*10/08/25 14:47*	*10/09/25 06:11*	*1*

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Percent Moisture (EPA Moisture)	5.8		1.0	1.0	%			10/09/25 11:12	1
Percent Solids (EPA Moisture)	94.2		1.0	1.0	%			10/09/25 11:12	1

Client: Haley & Aldrich, Inc.
Project/Site: Former Port Mobil

Job ID: 460-336556-1

Client Sample ID: 62A1_4-5
Date Collected: 10/06/25 12:10
Date Received: 10/06/25 15:30

Lab Sample ID: 460-336556-51
Matrix: Solid
Percent Solids: 89.4

Method: SW846 8260D - Volatile Organic Compounds by GC/MS

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1-Trichloroethane	0.00097	U	0.00097	0.00023	mg/Kg	☼	10/08/25 14:47	10/09/25 06:35	1
1,1,2,2-Tetrachloroethane	0.00097	U	0.00097	0.00051	mg/Kg	☼	10/08/25 14:47	10/09/25 06:35	1
1,1,2-Trichloro-1,2,2-trifluoroethane	0.00097	U	0.00097	0.00029	mg/Kg	☼	10/08/25 14:47	10/09/25 06:35	1
1,1,2-Trichloroethane	0.00097	U	0.00097	0.00058	mg/Kg	☼	10/08/25 14:47	10/09/25 06:35	1
1,1-Dichloroethane	0.00097	U	0.00097	0.00058	mg/Kg	☼	10/08/25 14:47	10/09/25 06:35	1
1,1-Dichloroethene	0.00097	U	0.00097	0.00022	mg/Kg	☼	10/08/25 14:47	10/09/25 06:35	1
1,2,3-Trichlorobenzene	0.00097	U	0.00097	0.00071	mg/Kg	☼	10/08/25 14:47	10/09/25 06:35	1
1,2,4-Trichlorobenzene	0.00097	U	0.00097	0.00035	mg/Kg	☼	10/08/25 14:47	10/09/25 06:35	1
1,2,4-Trimethylbenzene	0.00097	U	0.00097	0.00024	mg/Kg	☼	10/08/25 14:47	10/09/25 06:35	1
1,2-Dibromo-3-Chloropropane	0.00097	U	0.00097	0.00045	mg/Kg	☼	10/08/25 14:47	10/09/25 06:35	1
1,2-Dichlorobenzene	0.00097	U	0.00097	0.00035	mg/Kg	☼	10/08/25 14:47	10/09/25 06:35	1
1,2-Dichloroethane	0.00097	U	0.00097	0.00029	mg/Kg	☼	10/08/25 14:47	10/09/25 06:35	1
1,2-Dichloropropane	0.00097	U	0.00097	0.00041	mg/Kg	☼	10/08/25 14:47	10/09/25 06:35	1
1,3,5-Trimethylbenzene	0.00097	U	0.00097	0.00030	mg/Kg	☼	10/08/25 14:47	10/09/25 06:35	1
1,3-Dichlorobenzene	0.00097	U	0.00097	0.00035	mg/Kg	☼	10/08/25 14:47	10/09/25 06:35	1
1,4-Dichlorobenzene	0.00097	U	0.00097	0.00050	mg/Kg	☼	10/08/25 14:47	10/09/25 06:35	1
2-Butanone (MEK)	0.0048	U	0.0048	0.00036	mg/Kg	☼	10/08/25 14:47	10/09/25 06:35	1
2-Hexanone	0.0048	U	0.0048	0.0017	mg/Kg	☼	10/08/25 14:47	10/09/25 06:35	1
4-Methyl-2-pentanone (MIBK)	0.0048	U	0.0048	0.0015	mg/Kg	☼	10/08/25 14:47	10/09/25 06:35	1
Acetone	0.0058	U	0.0058	0.0055	mg/Kg	☼	10/08/25 14:47	10/09/25 06:35	1
Benzene	0.00097	U	0.00097	0.00055	mg/Kg	☼	10/08/25 14:47	10/09/25 06:35	1
Bromoform	0.00097	U	0.00097	0.00041	mg/Kg	☼	10/08/25 14:47	10/09/25 06:35	1
Bromomethane	0.0019	U	0.0019	0.00097	mg/Kg	☼	10/08/25 14:47	10/09/25 06:35	1
Carbon disulfide	0.00097	U	0.00097	0.00026	mg/Kg	☼	10/08/25 14:47	10/09/25 06:35	1
Carbon tetrachloride	0.00097	U	0.00097	0.00037	mg/Kg	☼	10/08/25 14:47	10/09/25 06:35	1
Chlorobenzene	0.00097	U	0.00097	0.00049	mg/Kg	☼	10/08/25 14:47	10/09/25 06:35	1
Chlorobromomethane	0.00097	U	0.00097	0.00058	mg/Kg	☼	10/08/25 14:47	10/09/25 06:35	1
Chlorodibromomethane	0.00097	U	0.00097	0.00052	mg/Kg	☼	10/08/25 14:47	10/09/25 06:35	1
Chloroethane	0.00097	U	0.00097	0.00051	mg/Kg	☼	10/08/25 14:47	10/09/25 06:35	1
Chloroform	0.00097	U	0.00097	0.00094	mg/Kg	☼	10/08/25 14:47	10/09/25 06:35	1
Chloromethane	0.00097	U	0.00097	0.00042	mg/Kg	☼	10/08/25 14:47	10/09/25 06:35	1
cis-1,2-Dichloroethene	0.00097	U	0.00097	0.00035	mg/Kg	☼	10/08/25 14:47	10/09/25 06:35	1
cis-1,3-Dichloropropene	0.00097	U	0.00097	0.00026	mg/Kg	☼	10/08/25 14:47	10/09/25 06:35	1
Cyclohexane	0.00097	U	0.00097	0.00021	mg/Kg	☼	10/08/25 14:47	10/09/25 06:35	1
Dichlorobromomethane	0.00097	U	0.00097	0.00025	mg/Kg	☼	10/08/25 14:47	10/09/25 06:35	1
Dichlorodifluoromethane	0.00097	U	0.00097	0.00033	mg/Kg	☼	10/08/25 14:47	10/09/25 06:35	1
Ethylbenzene	0.00097	U	0.00097	0.00045	mg/Kg	☼	10/08/25 14:47	10/09/25 06:35	1
Ethylene Dibromide	0.00097	U	0.00097	0.00049	mg/Kg	☼	10/08/25 14:47	10/09/25 06:35	1
Isopropylbenzene	0.00097	U	0.00097	0.00028	mg/Kg	☼	10/08/25 14:47	10/09/25 06:35	1
Methyl acetate	0.0048	U	0.0048	0.0042	mg/Kg	☼	10/08/25 14:47	10/09/25 06:35	1
Methyl tert-butyl ether	0.00097	U	0.00097	0.00050	mg/Kg	☼	10/08/25 14:47	10/09/25 06:35	1
Methylcyclohexane	0.00097	U	0.00097	0.00048	mg/Kg	☼	10/08/25 14:47	10/09/25 06:35	1
Methylene Chloride	0.0019	U	0.0019	0.0011	mg/Kg	☼	10/08/25 14:47	10/09/25 06:35	1
m-Xylene & p-Xylene	0.00097	U	0.00097	0.00041	mg/Kg	☼	10/08/25 14:47	10/09/25 06:35	1
n-Butylbenzene	0.00097	U	0.00097	0.00028	mg/Kg	☼	10/08/25 14:47	10/09/25 06:35	1
N-Propylbenzene	0.00097	U	0.00097	0.00043	mg/Kg	☼	10/08/25 14:47	10/09/25 06:35	1
o-Xylene	0.00097	U	0.00097	0.00045	mg/Kg	☼	10/08/25 14:47	10/09/25 06:35	1
sec-Butylbenzene	0.00097	U	0.00097	0.00028	mg/Kg	☼	10/08/25 14:47	10/09/25 06:35	1
Styrene	0.00097	U	0.00097	0.00027	mg/Kg	☼	10/08/25 14:47	10/09/25 06:35	1

Client Sample ID: 62A1_4-5

Lab Sample ID: 460-336556-51
Date Collected: 10/06/25 12:10
Matrix: Solid
Date Received: 10/06/25 15:30
Percent Solids: 89.4

Method: SW846 8260D - Volatile Organic Compounds by GC/MS (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
tert-Butylbenzene	0.00097	U	0.00097	0.00027	mg/Kg	☼	10/08/25 14:47	10/09/25 06:35	1
Tetrachloroethene	0.00097	U	0.00097	0.00030	mg/Kg	☼	10/08/25 14:47	10/09/25 06:35	1
Toluene	0.00097	U	0.00097	0.00023	mg/Kg	☼	10/08/25 14:47	10/09/25 06:35	1
trans-1,2-Dichloroethene	0.00097	U	0.00097	0.00024	mg/Kg	☼	10/08/25 14:47	10/09/25 06:35	1
trans-1,3-Dichloropropene	0.00097	U	0.00097	0.00026	mg/Kg	☼	10/08/25 14:47	10/09/25 06:35	1
Trichloroethene	0.00097	U	0.00097	0.00031	mg/Kg	☼	10/08/25 14:47	10/09/25 06:35	1
Trichlorofluoromethane	0.00097	U	0.00097	0.00039	mg/Kg	☼	10/08/25 14:47	10/09/25 06:35	1
Vinyl chloride	0.00097	U	0.00097	0.00053	mg/Kg	☼	10/08/25 14:47	10/09/25 06:35	1
Xylenes, Total	0.0019	U	0.0019	0.00017	mg/Kg	☼	10/08/25 14:47	10/09/25 06:35	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,2-Dichloroethane-d4 (Surr)	*92*		*65 - 138*	*10/08/25 14:47*	*10/09/25 06:35*	*1*
4-Bromofluorobenzene	*97*		*71 - 128*	*10/08/25 14:47*	*10/09/25 06:35*	*1*
Dibromofluoromethane (Surr)	*97*		*50 - 150*	*10/08/25 14:47*	*10/09/25 06:35*	*1*
Toluene-d8 (Surr)	*102*		*71 - 126*	*10/08/25 14:47*	*10/09/25 06:35*	*1*

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Percent Moisture (EPA Moisture)	**10.6**		1.0	1.0	%			10/09/25 11:12	1
Percent Solids (EPA Moisture)	**89.4**		1.0	1.0	%			10/09/25 11:12	1

Client Sample ID: 62A2_5-6

Lab Sample ID: 460-336556-52
Date Collected: 10/06/25 12:15
Matrix: Solid
Date Received: 10/06/25 15:30
Percent Solids: 87.7

Method: SW846 8260D - Volatile Organic Compounds by GC/MS

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1-Trichloroethane	0.0013	U	0.0013	0.00031	mg/Kg	☼	10/08/25 14:48	10/09/25 22:55	1
1,1,2,2-Tetrachloroethane	0.0013	U	0.0013	0.00070	mg/Kg	☼	10/08/25 14:48	10/09/25 22:55	1
1,1,2-Trichloro-1,2,2-trifluoroethane	0.0013	U	0.0013	0.00040	mg/Kg	☼	10/08/25 14:48	10/09/25 22:55	1
1,1,2-Trichloroethane	0.0013	U	0.0013	0.00080	mg/Kg	☼	10/08/25 14:48	10/09/25 22:55	1
1,1-Dichloroethane	0.0013	U	0.0013	0.00080	mg/Kg	☼	10/08/25 14:48	10/09/25 22:55	1
1,1-Dichloroethene	0.0013	U	0.0013	0.00030	mg/Kg	☼	10/08/25 14:48	10/09/25 22:55	1
1,2,3-Trichlorobenzene	0.0013	U	0.0013	0.00099	mg/Kg	☼	10/08/25 14:48	10/09/25 22:55	1
1,2,4-Trichlorobenzene	0.0013	U	0.0013	0.00048	mg/Kg	☼	10/08/25 14:48	10/09/25 22:55	1
1,2,4-Trimethylbenzene	0.0013	U	0.0013	0.00033	mg/Kg	☼	10/08/25 14:48	10/09/25 22:55	1
1,2-Dibromo-3-Chloropropane	0.0013	U	0.0013	0.00061	mg/Kg	☼	10/08/25 14:48	10/09/25 22:55	1
1,2-Dichlorobenzene	0.0013	U	0.0013	0.00048	mg/Kg	☼	10/08/25 14:48	10/09/25 22:55	1
1,2-Dichloroethane	0.0013	U	0.0013	0.00040	mg/Kg	☼	10/08/25 14:48	10/09/25 22:55	1
1,2-Dichloropropane	0.0013	U	0.0013	0.00057	mg/Kg	☼	10/08/25 14:48	10/09/25 22:55	1
1,3,5-Trimethylbenzene	0.0013	U	0.0013	0.00042	mg/Kg	☼	10/08/25 14:48	10/09/25 22:55	1
1,3-Dichlorobenzene	0.0013	U	0.0013	0.00049	mg/Kg	☼	10/08/25 14:48	10/09/25 22:55	1
1,4-Dichlorobenzene	0.0013	U	0.0013	0.00069	mg/Kg	☼	10/08/25 14:48	10/09/25 22:55	1
2-Butanone (MEK)	0.0067	U	0.0067	0.00049	mg/Kg	☼	10/08/25 14:48	10/09/25 22:55	1
2-Hexanone	0.0067	U	0.0067	0.0023	mg/Kg	☼	10/08/25 14:48	10/09/25 22:55	1
4-Methyl-2-pentanone (MIBK)	0.0067	U	0.0067	0.0021	mg/Kg	☼	10/08/25 14:48	10/09/25 22:55	1
Acetone	**0.011**		0.0080	0.0076	mg/Kg	☼	10/08/25 14:48	10/09/25 22:55	1
Benzene	0.0013	U	0.0013	0.00076	mg/Kg	☼	10/08/25 14:48	10/09/25 22:55	1
Bromoform	0.0013	U	0.0013	0.00057	mg/Kg	☼	10/08/25 14:48	10/09/25 22:55	1
Bromomethane	0.0027	U *	0.0027	0.0013	mg/Kg	☼	10/08/25 14:48	10/09/25 22:55	1

Client Sample ID: 62A2_5-6
Date Collected: 10/06/25 12:15
Date Received: 10/06/25 15:30

Lab Sample ID: 460-336556-52
Matrix: Solid
Percent Solids: 87.7

Method: SW846 8260D - Volatile Organic Compounds by GC/MS (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Carbon disulfide	0.0013	U	0.0013	0.00036	mg/Kg	☼	10/08/25 14:48	10/09/25 22:55	1
Carbon tetrachloride	0.0013	U	0.0013	0.00052	mg/Kg	☼	10/08/25 14:48	10/09/25 22:55	1
Chlorobenzene	0.0013	U	0.0013	0.00068	mg/Kg	☼	10/08/25 14:48	10/09/25 22:55	1
Chlorobromomethane	0.0013	U	0.0013	0.00080	mg/Kg	☼	10/08/25 14:48	10/09/25 22:55	1
Chlorodibromomethane	0.0013	U	0.0013	0.00072	mg/Kg	☼	10/08/25 14:48	10/09/25 22:55	1
Chloroethane	0.0013	U *	0.0013	0.00070	mg/Kg	☼	10/08/25 14:48	10/09/25 22:55	1
Chloroform	0.0013	U	0.0013	0.0013	mg/Kg	☼	10/08/25 14:48	10/09/25 22:55	1
Chloromethane	0.0013	U	0.0013	0.00058	mg/Kg	☼	10/08/25 14:48	10/09/25 22:55	1
cis-1,2-Dichloroethene	0.0013	U	0.0013	0.00048	mg/Kg	☼	10/08/25 14:48	10/09/25 22:55	1
cis-1,3-Dichloropropene	0.0013	U	0.0013	0.00036	mg/Kg	☼	10/08/25 14:48	10/09/25 22:55	1
Cyclohexane	0.0013	U	0.0013	0.00030	mg/Kg	☼	10/08/25 14:48	10/09/25 22:55	1
Dichlorobromomethane	0.0013	U	0.0013	0.00034	mg/Kg	☼	10/08/25 14:48	10/09/25 22:55	1
Dichlorodifluoromethane	0.0013	U	0.0013	0.00045	mg/Kg	☼	10/08/25 14:48	10/09/25 22:55	1
Ethylbenzene	0.0013	U	0.0013	0.00063	mg/Kg	☼	10/08/25 14:48	10/09/25 22:55	1
Ethylene Dibromide	0.0013	U	0.0013	0.00067	mg/Kg	☼	10/08/25 14:48	10/09/25 22:55	1
Isopropylbenzene	0.0013	U	0.0013	0.00038	mg/Kg	☼	10/08/25 14:48	10/09/25 22:55	1
Methyl acetate	0.0067	U	0.0067	0.0057	mg/Kg	☼	10/08/25 14:48	10/09/25 22:55	1
Methyl tert-butyl ether	0.0013	U	0.0013	0.00068	mg/Kg	☼	10/08/25 14:48	10/09/25 22:55	1
Methylcyclohexane	0.0013	U	0.0013	0.00067	mg/Kg	☼	10/08/25 14:48	10/09/25 22:55	1
Methylene Chloride	0.0027	U	0.0027	0.0015	mg/Kg	☼	10/08/25 14:48	10/09/25 22:55	1
m-Xylene & p-Xylene	0.0013	U	0.0013	0.00057	mg/Kg	☼	10/08/25 14:48	10/09/25 22:55	1
n-Butylbenzene	0.0013	U	0.0013	0.00039	mg/Kg	☼	10/08/25 14:48	10/09/25 22:55	1
N-Propylbenzene	0.0013	U	0.0013	0.00060	mg/Kg	☼	10/08/25 14:48	10/09/25 22:55	1
o-Xylene	0.0013	U	0.0013	0.00062	mg/Kg	☼	10/08/25 14:48	10/09/25 22:55	1
sec-Butylbenzene	0.0013	U	0.0013	0.00038	mg/Kg	☼	10/08/25 14:48	10/09/25 22:55	1
Styrene	0.0013	U	0.0013	0.00037	mg/Kg	☼	10/08/25 14:48	10/09/25 22:55	1
tert-Butylbenzene	0.0013	U	0.0013	0.00037	mg/Kg	☼	10/08/25 14:48	10/09/25 22:55	1
Tetrachloroethene	0.0013	U	0.0013	0.00041	mg/Kg	☼	10/08/25 14:48	10/09/25 22:55	1
Toluene	0.0013	U	0.0013	0.00031	mg/Kg	☼	10/08/25 14:48	10/09/25 22:55	1
trans-1,2-Dichloroethene	0.0013	U	0.0013	0.00033	mg/Kg	☼	10/08/25 14:48	10/09/25 22:55	1
trans-1,3-Dichloropropene	0.0013	U	0.0013	0.00036	mg/Kg	☼	10/08/25 14:48	10/09/25 22:55	1
Trichloroethene	0.0013	U	0.0013	0.00043	mg/Kg	☼	10/08/25 14:48	10/09/25 22:55	1
Trichlorofluoromethane	0.0013	U	0.0013	0.00054	mg/Kg	☼	10/08/25 14:48	10/09/25 22:55	1
Vinyl chloride	0.0013	U	0.0013	0.00073	mg/Kg	☼	10/08/25 14:48	10/09/25 22:55	1
Xylenes, Total	0.0027	U	0.0027	0.00023	mg/Kg	☼	10/08/25 14:48	10/09/25 22:55	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,2-Dichloroethane-d4 (Surr)	*92*		*65 - 138*	*10/08/25 14:48*	*10/09/25 22:55*	*1*
4-Bromofluorobenzene	*92*		*71 - 128*	*10/08/25 14:48*	*10/09/25 22:55*	*1*
Dibromofluoromethane (Surr)	*97*		*50 - 150*	*10/08/25 14:48*	*10/09/25 22:55*	*1*
Toluene-d8 (Surr)	*99*		*71 - 126*	*10/08/25 14:48*	*10/09/25 22:55*	*1*

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Percent Moisture (EPA Moisture)	**12.3**		1.0	1.0	%			10/09/25 11:12	1
Percent Solids (EPA Moisture)	**87.7**		1.0	1.0	%			10/09/25 11:12	1

Client Sample ID: 62A3_7-8
Date Collected: 10/06/25 12:20
Date Received: 10/06/25 15:30

Lab Sample ID: 460-336556-53
Matrix: Solid
Percent Solids: 95.8

Method: SW846 8260D - Volatile Organic Compounds by GC/MS

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1-Trichloroethane	0.0011	U	0.0011	0.00025	mg/Kg	☼	10/08/25 14:48	10/09/25 07:23	1
1,1,2,2-Tetrachloroethane	0.0011	U	0.0011	0.00056	mg/Kg	☼	10/08/25 14:48	10/09/25 07:23	1
1,1,2-Trichloro-1,2,2-trifluoroethane	0.0011	U	0.0011	0.00032	mg/Kg	☼	10/08/25 14:48	10/09/25 07:23	1
1,1,2-Trichloroethane	0.0011	U	0.0011	0.00064	mg/Kg	☼	10/08/25 14:48	10/09/25 07:23	1
1,1-Dichloroethane	0.0011	U	0.0011	0.00064	mg/Kg	☼	10/08/25 14:48	10/09/25 07:23	1
1,1-Dichloroethene	0.0011	U	0.0011	0.00024	mg/Kg	☼	10/08/25 14:48	10/09/25 07:23	1
1,2,3-Trichlorobenzene	0.0011	U	0.0011	0.00079	mg/Kg	☼	10/08/25 14:48	10/09/25 07:23	1
1,2,4-Trichlorobenzene	0.0011	U	0.0011	0.00038	mg/Kg	☼	10/08/25 14:48	10/09/25 07:23	1
1,2,4-Trimethylbenzene	0.0011	U	0.0011	0.00026	mg/Kg	☼	10/08/25 14:48	10/09/25 07:23	1
1,2-Dibromo-3-Chloropropane	0.0011	U	0.0011	0.00049	mg/Kg	☼	10/08/25 14:48	10/09/25 07:23	1
1,2-Dichlorobenzene	0.0011	U	0.0011	0.00039	mg/Kg	☼	10/08/25 14:48	10/09/25 07:23	1
1,2-Dichloroethane	0.0011	U	0.0011	0.00032	mg/Kg	☼	10/08/25 14:48	10/09/25 07:23	1
1,2-Dichloropropane	0.0011	U	0.0011	0.00045	mg/Kg	☼	10/08/25 14:48	10/09/25 07:23	1
1,3,5-Trimethylbenzene	0.0011	U	0.0011	0.00034	mg/Kg	☼	10/08/25 14:48	10/09/25 07:23	1
1,3-Dichlorobenzene	0.0011	U	0.0011	0.00039	mg/Kg	☼	10/08/25 14:48	10/09/25 07:23	1
1,4-Dichlorobenzene	0.0011	U	0.0011	0.00056	mg/Kg	☼	10/08/25 14:48	10/09/25 07:23	1
2-Butanone (MEK)	0.0054	U	0.0054	0.00039	mg/Kg	☼	10/08/25 14:48	10/09/25 07:23	1
2-Hexanone	0.0054	U	0.0054	0.0018	mg/Kg	☼	10/08/25 14:48	10/09/25 07:23	1
4-Methyl-2-pentanone (MIBK)	0.0054	U	0.0054	0.0017	mg/Kg	☼	10/08/25 14:48	10/09/25 07:23	1
Acetone	**0.046**		0.0064	0.0061	mg/Kg	☼	10/08/25 14:48	10/09/25 07:23	1
Benzene	0.0011	U	0.0011	0.00061	mg/Kg	☼	10/08/25 14:48	10/09/25 07:23	1
Bromoform	0.0011	U	0.0011	0.00046	mg/Kg	☼	10/08/25 14:48	10/09/25 07:23	1
Bromomethane	0.0021	U	0.0021	0.0011	mg/Kg	☼	10/08/25 14:48	10/09/25 07:23	1
Carbon disulfide	0.0011	U	0.0011	0.00029	mg/Kg	☼	10/08/25 14:48	10/09/25 07:23	1
Carbon tetrachloride	0.0011	U	0.0011	0.00042	mg/Kg	☼	10/08/25 14:48	10/09/25 07:23	1
Chlorobenzene	0.0011	U	0.0011	0.00054	mg/Kg	☼	10/08/25 14:48	10/09/25 07:23	1
Chlorobromomethane	0.0011	U	0.0011	0.00064	mg/Kg	☼	10/08/25 14:48	10/09/25 07:23	1
Chlorodibromomethane	0.0011	U	0.0011	0.00058	mg/Kg	☼	10/08/25 14:48	10/09/25 07:23	1
Chloroethane	0.0011	U	0.0011	0.00056	mg/Kg	☼	10/08/25 14:48	10/09/25 07:23	1
Chloroform	0.0011	U	0.0011	0.0010	mg/Kg	☼	10/08/25 14:48	10/09/25 07:23	1
Chloromethane	0.0011	U	0.0011	0.00047	mg/Kg	☼	10/08/25 14:48	10/09/25 07:23	1
cis-1,2-Dichloroethene	0.0011	U	0.0011	0.00038	mg/Kg	☼	10/08/25 14:48	10/09/25 07:23	1
cis-1,3-Dichloropropene	0.0011	U	0.0011	0.00029	mg/Kg	☼	10/08/25 14:48	10/09/25 07:23	1
Cyclohexane	0.0011	U	0.0011	0.00024	mg/Kg	☼	10/08/25 14:48	10/09/25 07:23	1
Dichlorobromomethane	0.0011	U	0.0011	0.00028	mg/Kg	☼	10/08/25 14:48	10/09/25 07:23	1
Dichlorodifluoromethane	0.0011	U	0.0011	0.00036	mg/Kg	☼	10/08/25 14:48	10/09/25 07:23	1
Ethylbenzene	0.0011	U	0.0011	0.00050	mg/Kg	☼	10/08/25 14:48	10/09/25 07:23	1
Ethylene Dibromide	0.0011	U	0.0011	0.00054	mg/Kg	☼	10/08/25 14:48	10/09/25 07:23	1
Isopropylbenzene	0.0011	U	0.0011	0.00031	mg/Kg	☼	10/08/25 14:48	10/09/25 07:23	1
Methyl acetate	0.0054	U	0.0054	0.0046	mg/Kg	☼	10/08/25 14:48	10/09/25 07:23	1
Methyl tert-butyl ether	0.0011	U	0.0011	0.00055	mg/Kg	☼	10/08/25 14:48	10/09/25 07:23	1
Methylcyclohexane	0.0011	U	0.0011	0.00054	mg/Kg	☼	10/08/25 14:48	10/09/25 07:23	1
Methylene Chloride	0.0021	U	0.0021	0.0012	mg/Kg	☼	10/08/25 14:48	10/09/25 07:23	1
m-Xylene & p-Xylene	0.0011	U	0.0011	0.00045	mg/Kg	☼	10/08/25 14:48	10/09/25 07:23	1
n-Butylbenzene	0.0011	U	0.0011	0.00032	mg/Kg	☼	10/08/25 14:48	10/09/25 07:23	1
N-Propylbenzene	0.0011	U	0.0011	0.00048	mg/Kg	☼	10/08/25 14:48	10/09/25 07:23	1
o-Xylene	0.0011	U	0.0011	0.00049	mg/Kg	☼	10/08/25 14:48	10/09/25 07:23	1
sec-Butylbenzene	0.0011	U	0.0011	0.00031	mg/Kg	☼	10/08/25 14:48	10/09/25 07:23	1
Styrene	0.0011	U	0.0011	0.00030	mg/Kg	☼	10/08/25 14:48	10/09/25 07:23	1

Client Sample ID: 62A3_7-8

Lab Sample ID: 460-336556-53
Date Collected: 10/06/25 12:20
Matrix: Solid
Date Received: 10/06/25 15:30
Percent Solids: 95.8

Method: SW846 8260D - Volatile Organic Compounds by GC/MS (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
tert-Butylbenzene	0.0011	U	0.0011	0.00030	mg/Kg	☼	10/08/25 14:48	10/09/25 07:23	1
Tetrachloroethene	0.0011	U	0.0011	0.00033	mg/Kg	☼	10/08/25 14:48	10/09/25 07:23	1
Toluene	0.0011	U	0.0011	0.00025	mg/Kg	☼	10/08/25 14:48	10/09/25 07:23	1
trans-1,2-Dichloroethene	0.0011	U	0.0011	0.00026	mg/Kg	☼	10/08/25 14:48	10/09/25 07:23	1
trans-1,3-Dichloropropene	0.0011	U	0.0011	0.00029	mg/Kg	☼	10/08/25 14:48	10/09/25 07:23	1
Trichloroethene	0.0011	U	0.0011	0.00034	mg/Kg	☼	10/08/25 14:48	10/09/25 07:23	1
Trichlorofluoromethane	0.0011	U	0.0011	0.00044	mg/Kg	☼	10/08/25 14:48	10/09/25 07:23	1
Vinyl chloride	0.0011	U	0.0011	0.00059	mg/Kg	☼	10/08/25 14:48	10/09/25 07:23	1
Xylenes, Total	0.0021	U	0.0021	0.00019	mg/Kg	☼	10/08/25 14:48	10/09/25 07:23	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,2-Dichloroethane-d4 (Surr)	*94*		*65 - 138*	*10/08/25 14:48*	*10/09/25 07:23*	*1*
4-Bromofluorobenzene	*96*		*71 - 128*	*10/08/25 14:48*	*10/09/25 07:23*	*1*
Dibromofluoromethane (Surr)	*98*		*50 - 150*	*10/08/25 14:48*	*10/09/25 07:23*	*1*
Toluene-d8 (Surr)	*101*		*71 - 126*	*10/08/25 14:48*	*10/09/25 07:23*	*1*

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Percent Moisture (EPA Moisture)	**4.2**		1.0	1.0	%			10/09/25 11:12	1
Percent Solids (EPA Moisture)	**95.8**		1.0	1.0	%			10/09/25 11:12	1

Client Sample ID: 62A1_9-10

Lab Sample ID: 460-336556-54
Date Collected: 10/06/25 12:25
Matrix: Solid
Date Received: 10/06/25 15:30
Percent Solids: 89.8

Method: SW846 8260D - Volatile Organic Compounds by GC/MS

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1-Trichloroethane	0.0014	U	0.0014	0.00031	mg/Kg	☼	10/08/25 14:48	10/09/25 07:48	1
1,1,2,2-Tetrachloroethane	0.0014	U	0.0014	0.00071	mg/Kg	☼	10/08/25 14:48	10/09/25 07:48	1
1,1,2-Trichloro-1,2,2-trifluoroethane	0.0014	U	0.0014	0.00041	mg/Kg	☼	10/08/25 14:48	10/09/25 07:48	1
1,1,2-Trichloroethane	0.0014	U	0.0014	0.00081	mg/Kg	☼	10/08/25 14:48	10/09/25 07:48	1
1,1-Dichloroethane	0.0014	U	0.0014	0.00081	mg/Kg	☼	10/08/25 14:48	10/09/25 07:48	1
1,1-Dichloroethene	0.0014	U	0.0014	0.00030	mg/Kg	☼	10/08/25 14:48	10/09/25 07:48	1
1,2,3-Trichlorobenzene	0.0014	U	0.0014	0.0010	mg/Kg	☼	10/08/25 14:48	10/09/25 07:48	1
1,2,4-Trichlorobenzene	0.0014	U	0.0014	0.00048	mg/Kg	☼	10/08/25 14:48	10/09/25 07:48	1
1,2,4-Trimethylbenzene	0.0014	U	0.0014	0.00033	mg/Kg	☼	10/08/25 14:48	10/09/25 07:48	1
1,2-Dibromo-3-Chloropropane	0.0014	U	0.0014	0.00062	mg/Kg	☼	10/08/25 14:48	10/09/25 07:48	1
1,2-Dichlorobenzene	0.0014	U	0.0014	0.00049	mg/Kg	☼	10/08/25 14:48	10/09/25 07:48	1
1,2-Dichloroethane	0.0014	U	0.0014	0.00040	mg/Kg	☼	10/08/25 14:48	10/09/25 07:48	1
1,2-Dichloropropane	0.0014	U	0.0014	0.00057	mg/Kg	☼	10/08/25 14:48	10/09/25 07:48	1
1,3,5-Trimethylbenzene	0.0014	U	0.0014	0.00042	mg/Kg	☼	10/08/25 14:48	10/09/25 07:48	1
1,3-Dichlorobenzene	0.0014	U	0.0014	0.00049	mg/Kg	☼	10/08/25 14:48	10/09/25 07:48	1
1,4-Dichlorobenzene	0.0014	U	0.0014	0.00070	mg/Kg	☼	10/08/25 14:48	10/09/25 07:48	1
2-Butanone (MEK)	0.0068	U	0.0068	0.00050	mg/Kg	☼	10/08/25 14:48	10/09/25 07:48	1
2-Hexanone	0.0068	U	0.0068	0.0023	mg/Kg	☼	10/08/25 14:48	10/09/25 07:48	1
4-Methyl-2-pentanone (MIBK)	0.0068	U	0.0068	0.0021	mg/Kg	☼	10/08/25 14:48	10/09/25 07:48	1
Acetone	**0.10**		0.0081	0.0077	mg/Kg	☼	10/08/25 14:48	10/09/25 07:48	1
Benzene	0.0014	U	0.0014	0.00077	mg/Kg	☼	10/08/25 14:48	10/09/25 07:48	1
Bromoform	0.0014	U	0.0014	0.00057	mg/Kg	☼	10/08/25 14:48	10/09/25 07:48	1
Bromomethane	0.0027	U	0.0027	0.0014	mg/Kg	☼	10/08/25 14:48	10/09/25 07:48	1

Client Sample ID: 62A1_9-10
Date Collected: 10/06/25 12:25
Date Received: 10/06/25 15:30

Lab Sample ID: 460-336556-54
Matrix: Solid
Percent Solids: 89.8

Method: SW846 8260D - Volatile Organic Compounds by GC/MS (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Carbon disulfide	0.0014	U	0.0014	0.00036	mg/Kg	☼	10/08/25 14:48	10/09/25 07:48	1
Carbon tetrachloride	0.0014	U	0.0014	0.00052	mg/Kg	☼	10/08/25 14:48	10/09/25 07:48	1
Chlorobenzene	0.0014	U	0.0014	0.00069	mg/Kg	☼	10/08/25 14:48	10/09/25 07:48	1
Chlorobromomethane	0.0014	U	0.0014	0.00081	mg/Kg	☼	10/08/25 14:48	10/09/25 07:48	1
Chlorodibromomethane	0.0014	U	0.0014	0.00073	mg/Kg	☼	10/08/25 14:48	10/09/25 07:48	1
Chloroethane	0.0014	U	0.0014	0.00071	mg/Kg	☼	10/08/25 14:48	10/09/25 07:48	1
Chloroform	0.0014	U	0.0014	0.0013	mg/Kg	☼	10/08/25 14:48	10/09/25 07:48	1
Chloromethane	0.0014	U	0.0014	0.00059	mg/Kg	☼	10/08/25 14:48	10/09/25 07:48	1
cis-1,2-Dichloroethene	0.0014	U	0.0014	0.00048	mg/Kg	☼	10/08/25 14:48	10/09/25 07:48	1
cis-1,3-Dichloropropene	0.0014	U	0.0014	0.00037	mg/Kg	☼	10/08/25 14:48	10/09/25 07:48	1
Cyclohexane	0.0014	U	0.0014	0.00030	mg/Kg	☼	10/08/25 14:48	10/09/25 07:48	1
Dichlorobromomethane	0.0014	U	0.0014	0.00035	mg/Kg	☼	10/08/25 14:48	10/09/25 07:48	1
Dichlorodifluoromethane	0.0014	U	0.0014	0.00046	mg/Kg	☼	10/08/25 14:48	10/09/25 07:48	1
Ethylbenzene	0.0014	U	0.0014	0.00063	mg/Kg	☼	10/08/25 14:48	10/09/25 07:48	1
Ethylene Dibromide	0.0014	U	0.0014	0.00068	mg/Kg	☼	10/08/25 14:48	10/09/25 07:48	1
Isopropylbenzene	0.0014	U	0.0014	0.00039	mg/Kg	☼	10/08/25 14:48	10/09/25 07:48	1
Methyl acetate	**0.0064**	**J**	0.0068	0.0058	mg/Kg	☼	10/08/25 14:48	10/09/25 07:48	1
Methyl tert-butyl ether	0.0014	U	0.0014	0.00069	mg/Kg	☼	10/08/25 14:48	10/09/25 07:48	1
Methylcyclohexane	0.0014	U	0.0014	0.00067	mg/Kg	☼	10/08/25 14:48	10/09/25 07:48	1
Methylene Chloride	0.0027	U	0.0027	0.0015	mg/Kg	☼	10/08/25 14:48	10/09/25 07:48	1
m-Xylene & p-Xylene	0.0014	U	0.0014	0.00057	mg/Kg	☼	10/08/25 14:48	10/09/25 07:48	1
n-Butylbenzene	0.0014	U	0.0014	0.00040	mg/Kg	☼	10/08/25 14:48	10/09/25 07:48	1
N-Propylbenzene	0.0014	U	0.0014	0.00061	mg/Kg	☼	10/08/25 14:48	10/09/25 07:48	1
o-Xylene	0.0014	U	0.0014	0.00062	mg/Kg	☼	10/08/25 14:48	10/09/25 07:48	1
sec-Butylbenzene	0.0014	U	0.0014	0.00039	mg/Kg	☼	10/08/25 14:48	10/09/25 07:48	1
Styrene	0.0014	U	0.0014	0.00038	mg/Kg	☼	10/08/25 14:48	10/09/25 07:48	1
tert-Butylbenzene	0.0014	U	0.0014	0.00037	mg/Kg	☼	10/08/25 14:48	10/09/25 07:48	1
Tetrachloroethene	0.0014	U	0.0014	0.00041	mg/Kg	☼	10/08/25 14:48	10/09/25 07:48	1
Toluene	0.0014	U	0.0014	0.00032	mg/Kg	☼	10/08/25 14:48	10/09/25 07:48	1
trans-1,2-Dichloroethene	0.0014	U	0.0014	0.00033	mg/Kg	☼	10/08/25 14:48	10/09/25 07:48	1
trans-1,3-Dichloropropene	0.0014	U	0.0014	0.00036	mg/Kg	☼	10/08/25 14:48	10/09/25 07:48	1
Trichloroethene	0.0014	U	0.0014	0.00043	mg/Kg	☼	10/08/25 14:48	10/09/25 07:48	1
Trichlorofluoromethane	0.0014	U	0.0014	0.00055	mg/Kg	☼	10/08/25 14:48	10/09/25 07:48	1
Vinyl chloride	0.0014	U	0.0014	0.00074	mg/Kg	☼	10/08/25 14:48	10/09/25 07:48	1
Xylenes, Total	0.0027	U	0.0027	0.00024	mg/Kg	☼	10/08/25 14:48	10/09/25 07:48	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,2-Dichloroethane-d4 (Surr)	*96*		*65 - 138*	*10/08/25 14:48*	*10/09/25 07:48*	*1*
4-Bromofluorobenzene	*94*		*71 - 128*	*10/08/25 14:48*	*10/09/25 07:48*	*1*
Dibromofluoromethane (Surr)	*99*		*50 - 150*	*10/08/25 14:48*	*10/09/25 07:48*	*1*
Toluene-d8 (Surr)	*101*		*71 - 126*	*10/08/25 14:48*	*10/09/25 07:48*	*1*

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Percent Moisture (EPA Moisture)	**10.2**		1.0	1.0	%			10/09/25 11:12	1
Percent Solids (EPA Moisture)	**89.8**		1.0	1.0	%			10/09/25 11:12	1

Surrogate Summary

Client: Haley & Aldrich, Inc.
Project/Site: Former Port Mobil

Job ID: 460-336556-1

Method: 8260D - Volatile Organic Compounds by GC/MS

Matrix: Solid

Prep Type: Total/NA

		Percent Surrogate Recovery (Acceptance Limits)			
		DCA	BFB	DBFM	TOL
Lab Sample ID	Client Sample ID	(65-138)	(71-128)	(50-150)	(71-126)
460-336556-13	48A1_0-1	118	102	123	96
460-336556-14	48A2_3-4	114	97	123	94
460-336556-15	48A3_1-2	116	101	122	96
460-336556-16	48A1_4-5	113	102	123	96
460-336556-17	48A2_5-6	112	101	118	95
460-336556-18	48A3_2-3	112	104	118	97
460-336556-19	48A1_5-6	114	104	117	95
460-336556-20	48B1_0-1	112	103	116	95
460-336556-21	48B2_1-2	112	99	119	95
460-336556-22	48B3_2-3	111	102	119	96
460-336556-23	48B1_3-4	111	100	119	95
460-336556-24	48B2_4-5	112	101	118	96
460-336556-25	48B3_5-6	112	103	118	96
460-336556-26	48B2_5-6	113	101	118	95
460-336556-27	48C1_0-1	110	97	115	94
460-336556-28	48C2_1-2	115	103	122	96
460-336556-29	48C3_2-3	113	103	117	96
460-336556-30	48C1_3-4	113	105	119	96
460-336556-31	48C2_4-5	112	103	118	95
460-336556-32	48C3_5-6	112	104	118	96
460-336556-33	48C3_1-2	115	101	119	96
460-336556-34	48D1_1-2	111	100	117	95
460-336556-35	48D2_2-3	112	99	117	94
460-336556-36	48D3_3-4	113	106	120	97
460-336556-37	48D1_4-5	116	103	120	97
460-336556-38	48D2_5-6	110	104	119	95
460-336556-39	48D3_5-6	114	100	122	95
460-336556-40	48D1_2-3	110	100	118	95
460-336556-41	61A1_1-2	110	101	121	95
460-336556-42	61A2_2-3	108	97	115	94
460-336556-43	61A3_3-4	111	98	118	94
460-336556-44	61A1_4-5	90	96	97	101
460-336556-45	61A2_5-6	105	99	116	94
460-336556-46	61A3_5-6	111	99	117	93
460-336556-47	61A2_0-1	110	97	114	93
460-336556-48	62A1_1-2	108	99	116	93
460-336556-49	62A2_2-3	93	94	98	101
460-336556-50	62A3_3-4	93	95	98	102
460-336556-51	62A1_4-5	92	97	97	102
460-336556-52	62A2_5-6	92	92	97	99
460-336556-53	62A3_7-8	94	96	98	101
460-336556-54	62A1_9-10	96	94	99	101
LCS 460-1066601/3	Lab Control Sample	86	96	92	99
LCS 460-1066734/3	Lab Control Sample	96	101	96	97
LCS 460-1066847/3	Lab Control Sample	98	98	99	97
LCS 460-1067096/3	Lab Control Sample	84	96	92	98
LCSD 460-1066601/4	Lab Control Sample Dup	85	96	91	98
LCSD 460-1066734/4	Lab Control Sample Dup	97	100	99	100
LCSD 460-1066847/4	Lab Control Sample Dup	95	101	95	98

Surrogate Summary

Client: Haley & Aldrich, Inc.
Project/Site: Former Port Mobil

Job ID: 460-336556-1

Method: 8260D - Volatile Organic Compounds by GC/MS (Continued)

Matrix: Solid

Prep Type: Total/NA

		Percent Surrogate Recovery (Acceptance Limits)			
		DCA	BFB	DBFM	TOL
Lab Sample ID	Client Sample ID	(65-138)	(71-128)	(50-150)	(71-126)
LCSD 460-1067096/4	Lab Control Sample Dup	83	96	92	98
MB 460-1066601/7	Method Blank	92	92	99	100
MB 460-1066734/7	Method Blank	108	95	117	95
MB 460-1066847/7	Method Blank	107	99	115	95
MB 460-1067096/7	Method Blank	90	92	97	100

Surrogate Legend

DCA = 1,2-Dichloroethane-d4 (Surr)
BFB = 4-Bromofluorobenzene
DBFM = Dibromofluoromethane (Surr)
TOL = Toluene-d8 (Surr)

Method: 8270E - Semivolatile Organic Compounds (GC/MS)

Matrix: Solid

Prep Type: Total/NA

		Percent Surrogate Recovery (Acceptance Limits)					
		TBP	FBP	2FP	NBZ	PHL	TPHL
Lab Sample ID	Client Sample ID	(18-137)	(33-117)	(24-120)	(27-120)	(28-118)	(33-124)
460-336556-1	48A_0-3	59	58	56	51	52	58
460-336556-2	48A_3-6	63	60	60	53	57	61
460-336556-3	48B_0-3	59	59	59	52	55	61
460-336556-4	48B_3-6	63	62	61	55	57	66
460-336556-5	48C_0-3	59	60	59	53	55	61
460-336556-6	48C_3-6	60	59	61	53	56	62
460-336556-7	48D_0-3	63	58	55	51	54	61
460-336556-8	48D_3-6	68	66	65	59	63	66
460-336556-9	61A_0-3	63	61	64	56	60	64
460-336556-10	61A_3-6	66	65	64	57	59	67
460-336556-11	62A_0-5	69	59	56	51	54	72
460-336556-12	62A_5-10	62	61	61	54	57	64
LCS 460-1066619/2-A	Lab Control Sample	81	74	75	68	71	77
LCSD 460-1066619/3-A	Lab Control Sample Dup	84	78	80	71	75	81
MB 460-1066619/1-A	Method Blank	68	65	65	58	62	66

Surrogate Legend

TBP = 2,4,6-Tribromophenol (Surr)
FBP = 2-Fluorobiphenyl
2FP = 2-Fluorophenol (Surr)
NBZ = Nitrobenzene-d5 (Surr)
PHL = Phenol-d5 (Surr)
TPHL = Terphenyl-d14 (Surr)

Method: 8081B - Organochlorine Pesticides (GC)

Matrix: Solid

Prep Type: Total/NA

		Percent Surrogate Recovery (Acceptance Limits)			
		DCBP1	DCBP2	TCX1	TCX2
Lab Sample ID	Client Sample ID	(10-150)	(10-150)	(14-150)	(14-150)
460-336556-1	48A_0-3	116	114	100	101
460-336556-1 MS	48A_0-3	98	105	91	89
460-336556-1 MSD	48A_0-3	101	100	90	83
460-336556-2	48A_3-6	130	127	112	113

Method: 8081B - Organochlorine Pesticides (GC) (Continued)

Matrix: Solid **Prep Type: Total/NA**

		Percent Surrogate Recovery (Acceptance Limits)			
Lab Sample ID	Client Sample ID	DCBP1 (10-150)	DCBP2 (10-150)	TCX1 (14-150)	TCX2 (14-150)
460-336556-3	48B_0-3	120	127	101	101
460-336556-4	48B_3-6	117	116	100	98
460-336556-5	48C_0-3	139	130	117	109
460-336556-6	48C_3-6	120	120	102	104
460-336556-7	48D_0-3	118	112	98	97
460-336556-8	48D_3-6	132	126	110	110
460-336556-9	61A_0-3	129	127	105	106
460-336556-10	61A_3-6	123	121	101	103
460-336556-11	62A_0-5	126	119	103	103
460-336556-12	62A_5-10	129	120	103	102
LCS 460-1066585/2-A	Lab Control Sample	109	95	97	86
LCSD 460-1066585/3-A	Lab Control Sample Dup	94	93	80	79
MB 460-1066585/1-A	Method Blank	113	109	93	93

Surrogate Legend

DCBP = DCB Decachlorobiphenyl

TCX = Tetrachloro-m-xylene

Method: 8082A - Polychlorinated Biphenyls (PCBs) by Gas Chromatography

Matrix: Solid **Prep Type: Total/NA**

		Percent Surrogate Recovery (Acceptance Limits)			
Lab Sample ID	Client Sample ID	DCBP1 (10-150)	DCBP2 (10-150)	TCX1 (10-150)	TCX2 (10-150)
460-336556-1	48A_0-3	103	88	76	69
460-336556-1 MS	48A_0-3	112	97	81	75
460-336556-1 MSD	48A_0-3	115	101	85	79
460-336556-2	48A_3-6	125	115	94	91
460-336556-3	48B_0-3	110	100	82	79
460-336556-4	48B_3-6	109	99	81	79
460-336556-5	48C_0-3	118	102	88	81
460-336556-6	48C_3-6	115	101	85	82
460-336556-7	48D_0-3	117	102	85	80
460-336556-8	48D_3-6	120	110	89	87
460-336556-9	61A_0-3	117	103	88	82
460-336556-10	61A_3-6	123	107	91	84
460-336556-11	62A_0-5	121	106	89	83
460-336556-12	62A_5-10	128	112	95	89
LCS 460-1066582/2-A	Lab Control Sample	103	91	76	72
LCSD 460-1066582/3-A	Lab Control Sample Dup	110	99	82	79
MB 460-1066582/1-A	Method Blank	94	83	74	68

Surrogate Legend

DCBP = DCB Decachlorobiphenyl

TCX = Tetrachloro-m-xylene

Isotope Dilution Summary

Client: Haley & Aldrich, Inc.
Project/Site: Former Port Mobil

Job ID: 460-336556-1

Method: 1633A - Per- and Polyfluoroalkyl Substances by LC/MS/MS, 1633A

Matrix: Solid **Prep Type: Total/NA**

		Percent Isotope Dilution Recovery (Acceptance Limits)							
Lab Sample ID	Client Sample ID	PFBA (8-130)	PFPeA (35-130)	13C5PHA (40-130)	C4PFHA (40-130)	C8PFOA (40-130)	C9PFNA (40-130)	C6PFDA (40-130)	13C7PUA (40-130)
460-336540-C-19-B MS	Matrix Spike	71.5	72.7	74.8	72.4	66.1	66.0	59.0	53.3
460-336540-C-19-C MSD	Matrix Spike Duplicate	73.2	71.6	70.5	72.4	71.9	73.6	67.0	60.1
460-336556-1	48A_0-3	94.1	83.4	83.8	88.7	84.6	86.5	85.6	92.9
460-336556-2	48A_3-6	119	106	104	106	103	95.6	89.4	86.8
460-336556-3	48B_0-3	105	95.9	95.0	100	94.9	90.1	88.8	86.6
460-336556-4	48B_3-6	116	103	105	104	97.4	93.9	87.7	86.6
460-336556-5	48C_0-3	89.4	78.6	78.7	87.1	84.4	87.9	82.5	80.7
460-336556-6	48C_3-6	98.5	90.8	88.4	97.8	93.4	92.0	89.3	91.9
460-336556-7	48D_0-3	86.3	79.3	77.3	83.9	86.8	93.5	85.3	81.6
460-336556-8	48D_3-6	123	113	111	123	114	114	104	110
460-336556-9	61A_0-3	95.6	85.6	84.4	96.6	88.7	87.5	88.2	89.5
460-336556-10	61A_3-6	114	101	98.3	108	109	102	97.6	86.1
460-336556-11	62A_0-5	106	94.9	94.7	97.3	100	95.0	90.7	87.9
460-336556-12	62A_5-10	73.0	71.9	74.0	68.0	70.5	69.9	67.8	65.3
LCS 410-710924/2-A	Lab Control Sample	110	102	99.7	108	101	99.8	96.7	102
LCS 410-710926/2-A	Lab Control Sample	77.7	78.0	77.0	77.3	75.0	75.7	71.1	74.4
LCSD 410-710924/3-A	Lab Control Sample Dup	103	94.9	92.9	99.1	95.4	89.1	87.4	88.7
LLCS 410-710924/4-A	Lab Control Sample	92.3	78.4	75.1	80.6	75.8	68.3	64.6	68.7
LLCS 410-710926/3-A	Lab Control Sample	73.9	76.2	75.2	74.5	68.5	72.5	67.1	62.9
MB 410-710924/1-A	Method Blank	93.9	86.4	85.4	91.1	86.8	90.0	89.2	95.2
MB 410-710926/1-A	Method Blank	77.4	76.1	73.8	74.4	74.7	76.5	71.9	68.6

		Percent Isotope Dilution Recovery (Acceptance Limits)							
Lab Sample ID	Client Sample ID	PFTDA (20-130)	C3PFBS (40-135)	C3PFHS (40-130)	C8PFOS (40-130)	PFOSA (40-130)	d3NMFOS (40-135)	d5NEFOS (40-150)	M242FTS (40-165)
460-336540-C-19-B MS	Matrix Spike	34.7	75.1	65.5	61.1	59.9	50.4	48.0	101
460-336540-C-19-C MSD	Matrix Spike Duplicate	45.7	77.1	70.5	74.8	71.0	58.7	57.9	102
460-336556-1	48A_0-3	78.7	92.3	84.8	77.8	72.6	70.8	81.4	109
460-336556-2	48A_3-6	72.2	108	95.9	82.7	83.9	67.3	84.6	186 *
460-336556-3	48B_0-3	64.9	101	92.2	81.6	75.9	59.2	78.2	130
460-336556-4	48B_3-6	69.0	111	97.7	82.6	78.1	64.8	81.5	151
460-336556-5	48C_0-3	82.2	87.2	82.4	78.9	81.3	72.0	89.6	161
460-336556-6	48C_3-6	87.1	97.0	90.7	89.4	98.7	86.7	105	202 *
460-336556-7	48D_0-3	70.6	84.0	81.1	80.6	81.4	65.5	74.5	142
460-336556-8	48D_3-6	93.8	118	110	104	112	87.8	103	201 *
460-336556-9	61A_0-3	66.6	91.5	86.8	83.7	79.0	59.9	81.1	99.5
460-336556-10	61A_3-6	49.5	110	101	88.7	81.1	58.1	65.9	120
460-336556-11	62A_0-5	73.5	95.5	92.2	81.5	76.5	61.3	76.9	119
460-336556-12	62A_5-10	44.3	72.9	65.8	69.6	71.3	54.1	53.7	93.1
LCS 410-710924/2-A	Lab Control Sample	90.8	107	101	96.2	85.8	68.1	106	97.9
LCS 410-710926/2-A	Lab Control Sample	52.1	85.8	75.2	73.6	73.8	57.7	60.8	83.9
LCSD 410-710924/3-A	Lab Control Sample Dup	71.3	104	92.1	85.5	76.5	58.5	85.4	86.1
LLCS 410-710924/4-A	Lab Control Sample	58.4	79.1	71.6	59.9	56.0	44.0	66.6	72.5
LLCS 410-710926/3-A	Lab Control Sample	46.4	78.8	69.4	70.8	67.1	52.8	52.5	78.0
MB 410-710924/1-A	Method Blank	80.8	92.4	87.4	82.4	75.1	60.6	96.9	77.3
MB 410-710926/1-A	Method Blank	51.2	84.8	75.1	78.5	75.2	58.2	56.3	80.3

		Percent Isotope Dilution Recovery (Acceptance Limits)							
Lab Sample ID	Client Sample ID	M262FTS (40-215)	M282FTS (40-275)	HFPODA (40-130)	NMFM (20-130)	NEFM (15-130)	d5NPFSA (10-130)	d3NMFSA (10-130)	PFDoA (40-130)
460-336540-C-19-B MS	Matrix Spike	80.1	86.2	65.5	47.2	43.1	49.9	53.4	50.1

Isotope Dilution Summary

Client: Haley & Aldrich, Inc.
Project/Site: Former Port Mobil

Job ID: 460-336556-1

Method: 1633A - Per- and Polyfluoroalkyl Substances by LC/MS/MS, 1633A (Continued)

Matrix: Solid

Prep Type: Total/NA

		Percent Isotope Dilution Recovery (Acceptance Limits)							
Lab Sample ID	Client Sample ID	M262FTS (40-215)	M282FTS (40-275)	HFPODA (40-130)	NMFM (20-130)	NEFM (15-130)	d5NPFSA (10-130)	d3NMFSA (10-130)	PFDoA (40-130)
460-336540-C-19-C MSD	Matrix Spike Duplicate	79.5	87.1	66.6	35.5	29.8	57.9	63.3	56.6
460-336556-1	48A_0-3	105	93.0	82.2	51.2	42.3	60.7	65.5	87.3
460-336556-2	48A_3-6	172	130	100	40.5	31.5	57.3	62.8	82.6
460-336556-3	48B_0-3	103	85.7	97.8	42.9	29.5	55.8	61.9	83.7
460-336556-4	48B_3-6	123	96.9	102	46.3	37.3	58.1	66.1	79.5
460-336556-5	48C_0-3	159	157	81.1	50.6	38.4	55.9	60.4	79.7
460-336556-6	48C_3-6	205	199	86.6	69.8	54.9	56.2	64.8	88.7
460-336556-7	48D_0-3	129	125	78.2	66.7	59.3	65.1	69.6	81.7
460-336556-8	48D_3-6	197	193	111	64.6	52.5	66.7	75.3	101
460-336556-9	61A_0-3	83.9	83.4	90.3	70.2	60.3	59.4	69.9	80.0
460-336556-10	61A_3-6	109	85.1	107	53.6	43.4	58.4	67.6	79.5
460-336556-11	62A_0-5	99.0	80.8	95.6	57.6	47.5	59.1	66.5	85.2
460-336556-12	62A_5-10	72.9	83.1	65.3	30.4	27.8	52.6	58.6	62.2
LCS 410-710924/2-A	Lab Control Sample	87.6	75.4	106	65.2	53.3	60.1	69.9	98.6
LCS 410-710926/2-A	Lab Control Sample	69.8	82.5	70.1	28.4	27.7	61.7	67.3	71.8
LCSD 410-710924/3-A	Lab Control Sample Dup	81.8	68.3	97.9	51.4	42.5	53.1	60.3	85.1
LLCS 410-710924/4-A	Lab Control Sample	63.2	51.4	82.0	37.6	33.4	38.6	43.9	65.8
LLCS 410-710926/3-A	Lab Control Sample	70.4	81.5	70.8	29.8	27.6	49.4	55.3	59.5
MB 410-710924/1-A	Method Blank	77.3	68.3	85.9	64.9	55.8	55.9	60.2	90.0
MB 410-710926/1-A	Method Blank	72.8	87.6	73.0	33.2	25.9	51.7	56.6	63.2

Surrogate Legend

PFBA = 13C4 PFBA
PFPeA = 13C5 PFPeA
13C5PHA = 13C5 PFHxA
C4PFHA = 13C4 PFHpA
C8PFOA = 13C8 PFOA
C9PFNA = 13C9 PFNA
C6PFDA = 13C6 PFDA
13C7PUA = 13C7 PFUnA
PFTDA = 13C2 PFTeDA
C3PFBS = 13C3 PFBS
C3PFHS = 13C3 PFHxS
C8PFOS = 13C8 PFOS
PFOSA = 13C8 FOSA
d3NMFOS = d3-NMeFOSAA
d5NEFOS = d5-NEtFOSAA
M242FTS = 13C2 4:2 FTS
M262FTS = 13C2 6:2 FTS
M282FTS = 13C2 8:2 FTS
HFPODA = 13C3 HFPO-DA
NMFM = d7-N-MeFOSE-M
NEFM = d9-N-EtFOSE-M
d5NPFSA = d5-NEtPFOSA
d3NMFSA = d3-NMePFOSA
PFDoA = 13C2 PFDoA

Method: 8260D - Volatile Organic Compounds by GC/MS

Lab Sample ID: MB 460-1066601/7
Matrix: Solid
Analysis Batch: 1066601

Client Sample ID: Method Blank
Prep Type: Total/NA

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1-Trichloroethane	0.0010	U	0.0010	0.00023	mg/Kg			10/08/25 22:10	1
1,1,2,2-Tetrachloroethane	0.0010	U	0.0010	0.00052	mg/Kg			10/08/25 22:10	1
1,1,2-Trichloro-1,2,2-trifluoroethane	0.0010	U	0.0010	0.00030	mg/Kg			10/08/25 22:10	1
1,1,2-Trichloroethane	0.0010	U	0.0010	0.00060	mg/Kg			10/08/25 22:10	1
1,1-Dichloroethane	0.0010	U	0.0010	0.00060	mg/Kg			10/08/25 22:10	1
1,1-Dichloroethene	0.0010	U	0.0010	0.00023	mg/Kg			10/08/25 22:10	1
1,2,3-Trichlorobenzene	0.0010	U	0.0010	0.00074	mg/Kg			10/08/25 22:10	1
1,2,4-Trichlorobenzene	0.0010	U	0.0010	0.00036	mg/Kg			10/08/25 22:10	1
1,2,4-Trimethylbenzene	0.0010	U	0.0010	0.00025	mg/Kg			10/08/25 22:10	1
1,2-Dibromo-3-Chloropropane	0.0010	U	0.0010	0.00046	mg/Kg			10/08/25 22:10	1
1,2-Dichlorobenzene	0.0010	U	0.0010	0.00036	mg/Kg			10/08/25 22:10	1
1,2-Dichloroethane	0.0010	U	0.0010	0.00030	mg/Kg			10/08/25 22:10	1
1,2-Dichloropropane	0.0010	U	0.0010	0.00042	mg/Kg			10/08/25 22:10	1
1,3,5-Trimethylbenzene	0.0010	U	0.0010	0.00031	mg/Kg			10/08/25 22:10	1
1,3-Dichlorobenzene	0.0010	U	0.0010	0.00037	mg/Kg			10/08/25 22:10	1
1,4-Dichlorobenzene	0.0010	U	0.0010	0.00052	mg/Kg			10/08/25 22:10	1
2-Butanone (MEK)	0.0050	U	0.0050	0.00037	mg/Kg			10/08/25 22:10	1
2-Hexanone	0.0050	U	0.0050	0.0017	mg/Kg			10/08/25 22:10	1
4-Methyl-2-pentanone (MIBK)	0.0050	U	0.0050	0.0016	mg/Kg			10/08/25 22:10	1
Acetone	0.0060	U	0.0060	0.0057	mg/Kg			10/08/25 22:10	1
Benzene	0.0010	U	0.0010	0.00057	mg/Kg			10/08/25 22:10	1
Bromoform	0.0010	U	0.0010	0.00043	mg/Kg			10/08/25 22:10	1
Bromomethane	0.0020	U	0.0020	0.0010	mg/Kg			10/08/25 22:10	1
Carbon disulfide	0.0010	U	0.0010	0.00027	mg/Kg			10/08/25 22:10	1
Carbon tetrachloride	0.0010	U	0.0010	0.00039	mg/Kg			10/08/25 22:10	1
Chlorobenzene	0.0010	U	0.0010	0.00051	mg/Kg			10/08/25 22:10	1
Chlorobromomethane	0.0010	U	0.0010	0.00060	mg/Kg			10/08/25 22:10	1
Chlorodibromomethane	0.0010	U	0.0010	0.00054	mg/Kg			10/08/25 22:10	1
Chloroethane	0.0010	U	0.0010	0.00052	mg/Kg			10/08/25 22:10	1
Chloroform	0.0010	U	0.0010	0.00097	mg/Kg			10/08/25 22:10	1
Chloromethane	0.0010	U	0.0010	0.00044	mg/Kg			10/08/25 22:10	1
cis-1,2-Dichloroethene	0.0010	U	0.0010	0.00036	mg/Kg			10/08/25 22:10	1
cis-1,3-Dichloropropene	0.0010	U	0.0010	0.00027	mg/Kg			10/08/25 22:10	1
Cyclohexane	0.0010	U	0.0010	0.00022	mg/Kg			10/08/25 22:10	1
Dichlorobromomethane	0.0010	U	0.0010	0.00026	mg/Kg			10/08/25 22:10	1
Dichlorodifluoromethane	0.0010	U	0.0010	0.00034	mg/Kg			10/08/25 22:10	1
Ethylbenzene	0.0010	U	0.0010	0.00047	mg/Kg			10/08/25 22:10	1
Ethylene Dibromide	0.0010	U	0.0010	0.00050	mg/Kg			10/08/25 22:10	1
Isopropylbenzene	0.0010	U	0.0010	0.00029	mg/Kg			10/08/25 22:10	1
Methyl acetate	0.0050	U	0.0050	0.0043	mg/Kg			10/08/25 22:10	1
Methyl tert-butyl ether	0.0010	U	0.0010	0.00051	mg/Kg			10/08/25 22:10	1
Methylcyclohexane	0.0010	U	0.0010	0.00050	mg/Kg			10/08/25 22:10	1
Methylene Chloride	0.0020	U	0.0020	0.0011	mg/Kg			10/08/25 22:10	1
m-Xylene & p-Xylene	0.0010	U	0.0010	0.00042	mg/Kg			10/08/25 22:10	1
n-Butylbenzene	0.0010	U	0.0010	0.00029	mg/Kg			10/08/25 22:10	1
N-Propylbenzene	0.0010	U	0.0010	0.00045	mg/Kg			10/08/25 22:10	1
o-Xylene	0.0010	U	0.0010	0.00046	mg/Kg			10/08/25 22:10	1
sec-Butylbenzene	0.0010	U	0.0010	0.00029	mg/Kg			10/08/25 22:10	1

Method: 8260D - Volatile Organic Compounds by GC/MS (Continued)

Lab Sample ID: MB 460-1066601/7
Matrix: Solid
Analysis Batch: 1066601

Client Sample ID: Method Blank
Prep Type: Total/NA

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Styrene	0.0010	U	0.0010	0.00028	mg/Kg			10/08/25 22:10	1
tert-Butylbenzene	0.0010	U	0.0010	0.00028	mg/Kg			10/08/25 22:10	1
Tetrachloroethene	0.0010	U	0.0010	0.00031	mg/Kg			10/08/25 22:10	1
Toluene	0.0010	U	0.0010	0.00023	mg/Kg			10/08/25 22:10	1
trans-1,2-Dichloroethene	0.0010	U	0.0010	0.00025	mg/Kg			10/08/25 22:10	1
trans-1,3-Dichloropropene	0.0010	U	0.0010	0.00027	mg/Kg			10/08/25 22:10	1
Trichloroethene	0.0010	U	0.0010	0.00032	mg/Kg			10/08/25 22:10	1
Trichlorofluoromethane	0.0010	U	0.0010	0.00041	mg/Kg			10/08/25 22:10	1
Vinyl chloride	0.0010	U	0.0010	0.00055	mg/Kg			10/08/25 22:10	1
Xylenes, Total	0.0020	U	0.0020	0.00017	mg/Kg			10/08/25 22:10	1

Surrogate	*MB %Recovery*	*MB Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,2-Dichloroethane-d4 (Surr)	*92*		*65 - 138*		*10/08/25 22:10*	*1*
4-Bromofluorobenzene	*92*		*71 - 128*		*10/08/25 22:10*	*1*
Dibromofluoromethane (Surr)	*99*		*50 - 150*		*10/08/25 22:10*	*1*
Toluene-d8 (Surr)	*100*		*71 - 126*		*10/08/25 22:10*	*1*

Lab Sample ID: LCS 460-1066601/3
Matrix: Solid
Analysis Batch: 1066601

Client Sample ID: Lab Control Sample
Prep Type: Total/NA

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
1,1,1-Trichloroethane	0.0200	0.0168		mg/Kg		84	78 - 120
1,1,2,2-Tetrachloroethane	0.0200	0.0190		mg/Kg		95	70 - 133
1,1,2-Trichloro-1,2,2-trifluoroethane	0.0200	0.0183		mg/Kg		92	75 - 121
1,1,2-Trichloroethane	0.0200	0.0200		mg/Kg		100	80 - 120
1,1-Dichloroethane	0.0200	0.0185		mg/Kg		93	72 - 120
1,1-Dichloroethene	0.0200	0.0194		mg/Kg		97	76 - 120
1,2,3-Trichlorobenzene	0.0200	0.0182		mg/Kg		91	77 - 137
1,2,4-Trichlorobenzene	0.0200	0.0172		mg/Kg		86	77 - 136
1,2,4-Trimethylbenzene	0.0200	0.0189		mg/Kg		95	75 - 120
1,2-Dibromo-3-Chloropropane	0.0200	0.0186		mg/Kg		93	80 - 124
1,2-Dichlorobenzene	0.0200	0.0197		mg/Kg		99	80 - 120
1,2-Dichloroethane	0.0200	0.0166		mg/Kg		83	70 - 123
1,2-Dichloropropane	0.0200	0.0188		mg/Kg		94	73 - 124
1,3,5-Trimethylbenzene	0.0200	0.0189		mg/Kg		95	70 - 120
1,3-Dichlorobenzene	0.0200	0.0197		mg/Kg		98	80 - 120
1,4-Dichlorobenzene	0.0200	0.0188		mg/Kg		94	80 - 120
2-Butanone (MEK)	0.100	0.108		mg/Kg		108	64 - 128
2-Hexanone	0.100	0.102		mg/Kg		102	75 - 120
4-Methyl-2-pentanone (MIBK)	0.100	0.104		mg/Kg		104	80 - 120
Acetone	0.100	0.100		mg/Kg		100	58 - 122
Benzene	0.0200	0.0191		mg/Kg		96	75 - 120
Bromoform	0.0200	0.0189		mg/Kg		94	61 - 125
Bromomethane	0.0200	0.0140		mg/Kg		70	37 - 150
Carbon disulfide	0.0200	0.0176		mg/Kg		88	57 - 133
Carbon tetrachloride	0.0200	0.0164		mg/Kg		82	66 - 127
Chlorobenzene	0.0200	0.0193		mg/Kg		96	80 - 120

Method: 8260D - Volatile Organic Compounds by GC/MS (Continued)

Lab Sample ID: LCS 460-1066601/3
Matrix: Solid
Analysis Batch: 1066601

Client Sample ID: Lab Control Sample
Prep Type: Total/NA

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
Chlorobromomethane	0.0200	0.0201		mg/Kg		100	76 - 127
Chlorodibromomethane	0.0200	0.0187		mg/Kg		93	72 - 120
Chloroethane	0.0200	0.0168		mg/Kg		84	60 - 123
Chloroform	0.0200	0.0179		mg/Kg		90	79 - 126
Chloromethane	0.0200	0.0189		mg/Kg		95	46 - 122
cis-1,2-Dichloroethene	0.0200	0.0186		mg/Kg		93	80 - 123
cis-1,3-Dichloropropene	0.0200	0.0175		mg/Kg		88	75 - 120
Cyclohexane	0.0200	0.0191		mg/Kg		95	65 - 132
Dichlorobromomethane	0.0200	0.0176		mg/Kg		88	77 - 124
Dichlorodifluoromethane	0.0200	0.0199		mg/Kg		100	45 - 129
Ethylbenzene	0.0200	0.0191		mg/Kg		96	80 - 120
Ethylene Dibromide	0.0200	0.0194		mg/Kg		97	79 - 120
Isopropylbenzene	0.0200	0.0192		mg/Kg		96	74 - 120
Methyl acetate	0.0400	0.0348		mg/Kg		87	57 - 120
Methyl tert-butyl ether	0.0200	0.0180		mg/Kg		90	74 - 125
Methylcyclohexane	0.0200	0.0189		mg/Kg		94	66 - 125
Methylene Chloride	0.0200	0.0205		mg/Kg		103	78 - 120
m-Xylene & p-Xylene	0.0200	0.0192		mg/Kg		96	80 - 120
n-Butylbenzene	0.0200	0.0184		mg/Kg		92	72 - 120
N-Propylbenzene	0.0200	0.0187		mg/Kg		94	68 - 120
o-Xylene	0.0200	0.0200		mg/Kg		100	80 - 120
sec-Butylbenzene	0.0200	0.0193		mg/Kg		96	78 - 120
Styrene	0.0200	0.0196		mg/Kg		98	80 - 120
tert-Butylbenzene	0.0200	0.0191		mg/Kg		96	80 - 120
Tetrachloroethene	0.0200	0.0175		mg/Kg		88	73 - 120
Toluene	0.0200	0.0186		mg/Kg		93	80 - 120
trans-1,2-Dichloroethene	0.0200	0.0184		mg/Kg		92	78 - 120
trans-1,3-Dichloropropene	0.0200	0.0166		mg/Kg		83	77 - 120
Trichloroethene	0.0200	0.0188		mg/Kg		94	80 - 120
Trichlorofluoromethane	0.0200	0.0152		mg/Kg		76	61 - 130
Vinyl chloride	0.0200	0.0166		mg/Kg		83	54 - 122
Xylenes, Total	0.0400	0.0392		mg/Kg		98	80 - 120

Surrogate	*LCS %Recovery*	*LCS Qualifier*	*Limits*
1,2-Dichloroethane-d4 (Surr)	*86*		*65 - 138*
4-Bromofluorobenzene	*96*		*71 - 128*
Dibromofluoromethane (Surr)	*92*		*50 - 150*
Toluene-d8 (Surr)	*99*		*71 - 126*

Lab Sample ID: LCSD 460-1066601/4
Matrix: Solid
Analysis Batch: 1066601

Client Sample ID: Lab Control Sample Dup
Prep Type: Total/NA

Analyte	Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
1,1,1-Trichloroethane	0.0200	0.0172		mg/Kg		86	78 - 120	2	30
1,1,2,2-Tetrachloroethane	0.0200	0.0193		mg/Kg		97	70 - 133	2	30
1,1,2-Trichloro-1,2,2-trifluoroethane	0.0200	0.0190		mg/Kg		95	75 - 121	4	30
1,1,2-Trichloroethane	0.0200	0.0198		mg/Kg		99	80 - 120	1	30

Method: 8260D - Volatile Organic Compounds by GC/MS (Continued)

Lab Sample ID: LCSD 460-1066601/4
Matrix: Solid
Analysis Batch: 1066601

Client Sample ID: Lab Control Sample Dup
Prep Type: Total/NA

Analyte	Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
1,1-Dichloroethane	0.0200	0.0187		mg/Kg		93	72 - 120	1	30
1,1-Dichloroethene	0.0200	0.0203		mg/Kg		101	76 - 120	4	30
1,2,3-Trichlorobenzene	0.0200	0.0179		mg/Kg		90	77 - 137	1	30
1,2,4-Trichlorobenzene	0.0200	0.0168		mg/Kg		84	77 - 136	2	30
1,2,4-Trimethylbenzene	0.0200	0.0193		mg/Kg		97	75 - 120	2	30
1,2-Dibromo-3-Chloropropane	0.0200	0.0181		mg/Kg		90	80 - 124	3	30
1,2-Dichlorobenzene	0.0200	0.0196		mg/Kg		98	80 - 120	1	30
1,2-Dichloroethane	0.0200	0.0163		mg/Kg		82	70 - 123	2	30
1,2-Dichloropropane	0.0200	0.0188		mg/Kg		94	73 - 124	0	30
1,3,5-Trimethylbenzene	0.0200	0.0192		mg/Kg		96	70 - 120	2	30
1,3-Dichlorobenzene	0.0200	0.0196		mg/Kg		98	80 - 120	1	30
1,4-Dichlorobenzene	0.0200	0.0189		mg/Kg		94	80 - 120	0	30
2-Butanone (MEK)	0.100	0.105		mg/Kg		105	64 - 128	2	30
2-Hexanone	0.100	0.0999		mg/Kg		100	75 - 120	2	30
4-Methyl-2-pentanone (MIBK)	0.100	0.101		mg/Kg		101	80 - 120	3	30
Acetone	0.100	0.0991		mg/Kg		99	58 - 122	1	30
Benzene	0.0200	0.0194		mg/Kg		97	75 - 120	2	30
Bromoform	0.0200	0.0185		mg/Kg		93	61 - 125	2	30
Bromomethane	0.0200	0.0139		mg/Kg		70	37 - 150	0	30
Carbon disulfide	0.0200	0.0183		mg/Kg		92	57 - 133	4	30
Carbon tetrachloride	0.0200	0.0166		mg/Kg		83	66 - 127	1	30
Chlorobenzene	0.0200	0.0193		mg/Kg		97	80 - 120	0	30
Chlorobromomethane	0.0200	0.0198		mg/Kg		99	76 - 127	1	30
Chlorodibromomethane	0.0200	0.0185		mg/Kg		92	72 - 120	1	30
Chloroethane	0.0200	0.0162		mg/Kg		81	60 - 123	3	30
Chloroform	0.0200	0.0183		mg/Kg		92	79 - 126	2	30
Chloromethane	0.0200	0.0206		mg/Kg		103	46 - 122	9	30
cis-1,2-Dichloroethene	0.0200	0.0185		mg/Kg		93	80 - 123	1	30
cis-1,3-Dichloropropene	0.0200	0.0175		mg/Kg		88	75 - 120	0	30
Cyclohexane	0.0200	0.0197		mg/Kg		98	65 - 132	3	30
Dichlorobromomethane	0.0200	0.0174		mg/Kg		87	77 - 124	1	30
Dichlorodifluoromethane	0.0200	0.0239		mg/Kg		120	45 - 129	18	30
Ethylbenzene	0.0200	0.0199		mg/Kg		99	80 - 120	4	30
Ethylene Dibromide	0.0200	0.0193		mg/Kg		97	79 - 120	0	30
Isopropylbenzene	0.0200	0.0200		mg/Kg		100	74 - 120	4	30
Methyl acetate	0.0400	0.0331		mg/Kg		83	57 - 120	5	30
Methyl tert-butyl ether	0.0200	0.0175		mg/Kg		88	74 - 125	3	30
Methylcyclohexane	0.0200	0.0198		mg/Kg		99	66 - 125	5	30
Methylene Chloride	0.0200	0.0207		mg/Kg		104	78 - 120	1	30
m-Xylene & p-Xylene	0.0200	0.0198		mg/Kg		99	80 - 120	3	30
n-Butylbenzene	0.0200	0.0189		mg/Kg		95	72 - 120	3	30
N-Propylbenzene	0.0200	0.0193		mg/Kg		97	68 - 120	3	30
o-Xylene	0.0200	0.0202		mg/Kg		101	80 - 120	1	30
sec-Butylbenzene	0.0200	0.0199		mg/Kg		99	78 - 120	3	30
Styrene	0.0200	0.0200		mg/Kg		100	80 - 120	2	30
tert-Butylbenzene	0.0200	0.0199		mg/Kg		99	80 - 120	4	30
Tetrachloroethene	0.0200	0.0179		mg/Kg		89	73 - 120	2	30
Toluene	0.0200	0.0187		mg/Kg		94	80 - 120	1	30
trans-1,2-Dichloroethene	0.0200	0.0186		mg/Kg		93	78 - 120	1	30

Method: 8260D - Volatile Organic Compounds by GC/MS (Continued)

Lab Sample ID: LCSD 460-1066601/4
Matrix: Solid
Analysis Batch: 1066601

Client Sample ID: Lab Control Sample Dup
Prep Type: Total/NA

Analyte			Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
trans-1,3-Dichloropropene			0.0200	0.0164		mg/Kg		82	77 - 120	1	30
Trichloroethene			0.0200	0.0183		mg/Kg		92	80 - 120	3	30
Trichlorofluoromethane			0.0200	0.0181		mg/Kg		90	61 - 130	17	30
Vinyl chloride			0.0200	0.0191		mg/Kg		95	54 - 122	14	30
Xylenes, Total			0.0400	0.0399		mg/Kg		100	80 - 120	2	30

Surrogate	*LCSD %Recovery*	*LCSD Qualifier*	*Limits*
1,2-Dichloroethane-d4 (Surr)	*85*		*65 - 138*
4-Bromofluorobenzene	*96*		*71 - 128*
Dibromofluoromethane (Surr)	*91*		*50 - 150*
Toluene-d8 (Surr)	*98*		*71 - 126*

Lab Sample ID: MB 460-1066734/7
Matrix: Solid
Analysis Batch: 1066734

Client Sample ID: Method Blank
Prep Type: Total/NA

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1-Trichloroethane	0.0010	U	0.0010	0.00023	mg/Kg			10/08/25 14:50	1
1,1,2,2-Tetrachloroethane	0.0010	U	0.0010	0.00052	mg/Kg			10/08/25 14:50	1
1,1,2-Trichloro-1,2,2-trifluoroethane	0.0010	U	0.0010	0.00030	mg/Kg			10/08/25 14:50	1
1,1,2-Trichloroethane	0.0010	U	0.0010	0.00060	mg/Kg			10/08/25 14:50	1
1,1-Dichloroethane	0.0010	U	0.0010	0.00060	mg/Kg			10/08/25 14:50	1
1,1-Dichloroethene	0.0010	U	0.0010	0.00023	mg/Kg			10/08/25 14:50	1
1,2,3-Trichlorobenzene	0.0010	U	0.0010	0.00074	mg/Kg			10/08/25 14:50	1
1,2,4-Trichlorobenzene	0.0010	U	0.0010	0.00036	mg/Kg			10/08/25 14:50	1
1,2,4-Trimethylbenzene	0.0010	U	0.0010	0.00025	mg/Kg			10/08/25 14:50	1
1,2-Dibromo-3-Chloropropane	0.0010	U	0.0010	0.00046	mg/Kg			10/08/25 14:50	1
1,2-Dichlorobenzene	0.0010	U	0.0010	0.00036	mg/Kg			10/08/25 14:50	1
1,2-Dichloroethane	0.0010	U	0.0010	0.00030	mg/Kg			10/08/25 14:50	1
1,2-Dichloropropane	0.0010	U	0.0010	0.00042	mg/Kg			10/08/25 14:50	1
1,3,5-Trimethylbenzene	0.0010	U	0.0010	0.00031	mg/Kg			10/08/25 14:50	1
1,3-Dichlorobenzene	0.0010	U	0.0010	0.00037	mg/Kg			10/08/25 14:50	1
1,4-Dichlorobenzene	0.0010	U	0.0010	0.00052	mg/Kg			10/08/25 14:50	1
2-Butanone (MEK)	0.0050	U	0.0050	0.00037	mg/Kg			10/08/25 14:50	1
2-Hexanone	0.0050	U	0.0050	0.0017	mg/Kg			10/08/25 14:50	1
4-Methyl-2-pentanone (MIBK)	0.0050	U	0.0050	0.0016	mg/Kg			10/08/25 14:50	1
Acetone	0.0060	U	0.0060	0.0057	mg/Kg			10/08/25 14:50	1
Benzene	0.0010	U	0.0010	0.00057	mg/Kg			10/08/25 14:50	1
Bromoform	0.0010	U	0.0010	0.00043	mg/Kg			10/08/25 14:50	1
Bromomethane	0.0020	U	0.0020	0.0010	mg/Kg			10/08/25 14:50	1
Carbon disulfide	0.0010	U	0.0010	0.00027	mg/Kg			10/08/25 14:50	1
Carbon tetrachloride	0.0010	U	0.0010	0.00039	mg/Kg			10/08/25 14:50	1
Chlorobenzene	0.0010	U	0.0010	0.00051	mg/Kg			10/08/25 14:50	1
Chlorobromomethane	0.0010	U	0.0010	0.00060	mg/Kg			10/08/25 14:50	1
Chlorodibromomethane	0.0010	U	0.0010	0.00054	mg/Kg			10/08/25 14:50	1
Chloroethane	0.0010	U	0.0010	0.00052	mg/Kg			10/08/25 14:50	1
Chloroform	0.0010	U	0.0010	0.00097	mg/Kg			10/08/25 14:50	1
Chloromethane	0.0010	U	0.0010	0.00044	mg/Kg			10/08/25 14:50	1

Method: 8260D - Volatile Organic Compounds by GC/MS (Continued)

Lab Sample ID: MB 460-1066734/7
Matrix: Solid
Analysis Batch: 1066734

Client Sample ID: Method Blank
Prep Type: Total/NA

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
cis-1,2-Dichloroethene	0.0010	U	0.0010	0.00036	mg/Kg			10/08/25 14:50	1
cis-1,3-Dichloropropene	0.0010	U	0.0010	0.00027	mg/Kg			10/08/25 14:50	1
Cyclohexane	0.0010	U	0.0010	0.00022	mg/Kg			10/08/25 14:50	1
Dichlorobromomethane	0.0010	U	0.0010	0.00026	mg/Kg			10/08/25 14:50	1
Dichlorodifluoromethane	0.0010	U	0.0010	0.00034	mg/Kg			10/08/25 14:50	1
Ethylbenzene	0.0010	U	0.0010	0.00047	mg/Kg			10/08/25 14:50	1
Ethylene Dibromide	0.0010	U	0.0010	0.00050	mg/Kg			10/08/25 14:50	1
Isopropylbenzene	0.0010	U	0.0010	0.00029	mg/Kg			10/08/25 14:50	1
Methyl acetate	0.0050	U	0.0050	0.0043	mg/Kg			10/08/25 14:50	1
Methyl tert-butyl ether	0.0010	U	0.0010	0.00051	mg/Kg			10/08/25 14:50	1
Methylcyclohexane	0.0010	U	0.0010	0.00050	mg/Kg			10/08/25 14:50	1
Methylene Chloride	0.0020	U	0.0020	0.0011	mg/Kg			10/08/25 14:50	1
m-Xylene & p-Xylene	0.0010	U	0.0010	0.00042	mg/Kg			10/08/25 14:50	1
n-Butylbenzene	0.0010	U	0.0010	0.00029	mg/Kg			10/08/25 14:50	1
N-Propylbenzene	0.0010	U	0.0010	0.00045	mg/Kg			10/08/25 14:50	1
o-Xylene	0.0010	U	0.0010	0.00046	mg/Kg			10/08/25 14:50	1
sec-Butylbenzene	0.0010	U	0.0010	0.00029	mg/Kg			10/08/25 14:50	1
Styrene	0.0010	U	0.0010	0.00028	mg/Kg			10/08/25 14:50	1
tert-Butylbenzene	0.0010	U	0.0010	0.00028	mg/Kg			10/08/25 14:50	1
Tetrachloroethene	0.0010	U	0.0010	0.00031	mg/Kg			10/08/25 14:50	1
Toluene	0.0010	U	0.0010	0.00023	mg/Kg			10/08/25 14:50	1
trans-1,2-Dichloroethene	0.0010	U	0.0010	0.00025	mg/Kg			10/08/25 14:50	1
trans-1,3-Dichloropropene	0.0010	U	0.0010	0.00027	mg/Kg			10/08/25 14:50	1
Trichloroethene	0.0010	U	0.0010	0.00032	mg/Kg			10/08/25 14:50	1
Trichlorofluoromethane	0.0010	U	0.0010	0.00041	mg/Kg			10/08/25 14:50	1
Vinyl chloride	0.0010	U	0.0010	0.00055	mg/Kg			10/08/25 14:50	1
Xylenes, Total	0.0020	U	0.0020	0.00017	mg/Kg			10/08/25 14:50	1

Surrogate	*MB %Recovery*	*MB Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,2-Dichloroethane-d4 (Surr)	*108*		*65 - 138*		*10/08/25 14:50*	*1*
4-Bromofluorobenzene	*95*		*71 - 128*		*10/08/25 14:50*	*1*
Dibromofluoromethane (Surr)	*117*		*50 - 150*		*10/08/25 14:50*	*1*
Toluene-d8 (Surr)	*95*		*71 - 126*		*10/08/25 14:50*	*1*

Lab Sample ID: LCS 460-1066734/3
Matrix: Solid
Analysis Batch: 1066734

Client Sample ID: Lab Control Sample
Prep Type: Total/NA

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
1,1,1-Trichloroethane	0.0200	0.0172		mg/Kg		86	78 - 120
1,1,2,2-Tetrachloroethane	0.0200	0.0184		mg/Kg		92	70 - 133
1,1,2-Trichloro-1,2,2-trifluoroethane	0.0200	0.0170		mg/Kg		85	75 - 121
1,1,2-Trichloroethane	0.0200	0.0201		mg/Kg		101	80 - 120
1,1-Dichloroethane	0.0200	0.0170		mg/Kg		85	72 - 120
1,1-Dichloroethene	0.0200	0.0164		mg/Kg		82	76 - 120
1,2,3-Trichlorobenzene	0.0200	0.0188		mg/Kg		94	77 - 137
1,2,4-Trichlorobenzene	0.0200	0.0172		mg/Kg		86	77 - 136
1,2,4-Trimethylbenzene	0.0200	0.0171		mg/Kg		86	75 - 120

Method: 8260D - Volatile Organic Compounds by GC/MS (Continued)

Lab Sample ID: LCS 460-1066734/3
Matrix: Solid
Analysis Batch: 1066734

Client Sample ID: Lab Control Sample
Prep Type: Total/NA

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
1,2-Dibromo-3-Chloropropane	0.0200	0.0174		mg/Kg		87	80 - 124
1,2-Dichlorobenzene	0.0200	0.0199		mg/Kg		100	80 - 120
1,2-Dichloroethane	0.0200	0.0193		mg/Kg		96	70 - 123
1,2-Dichloropropane	0.0200	0.0174		mg/Kg		87	73 - 124
1,3,5-Trimethylbenzene	0.0200	0.0172		mg/Kg		86	70 - 120
1,3-Dichlorobenzene	0.0200	0.0183		mg/Kg		92	80 - 120
1,4-Dichlorobenzene	0.0200	0.0185		mg/Kg		93	80 - 120
2-Butanone (MEK)	0.100	0.105		mg/Kg		105	64 - 128
2-Hexanone	0.100	0.111		mg/Kg		111	75 - 120
4-Methyl-2-pentanone (MIBK)	0.100	0.115		mg/Kg		115	80 - 120
Acetone	0.100	0.105		mg/Kg		105	58 - 122
Benzene	0.0200	0.0172		mg/Kg		86	75 - 120
Bromoform	0.0200	0.0191		mg/Kg		95	61 - 125
Bromomethane	0.0200	0.0146		mg/Kg		73	37 - 150
Carbon disulfide	0.0200	0.0159		mg/Kg		80	57 - 133
Carbon tetrachloride	0.0200	0.0160		mg/Kg		80	66 - 127
Chlorobenzene	0.0200	0.0185		mg/Kg		92	80 - 120
Chlorobromomethane	0.0200	0.0203		mg/Kg		102	76 - 127
Chlorodibromomethane	0.0200	0.0193		mg/Kg		96	72 - 120
Chloroethane	0.0200	0.0155		mg/Kg		78	60 - 123
Chloroform	0.0200	0.0181		mg/Kg		91	79 - 126
Chloromethane	0.0200	0.0158		mg/Kg		79	46 - 122
cis-1,2-Dichloroethene	0.0200	0.0182		mg/Kg		91	80 - 123
cis-1,3-Dichloropropene	0.0200	0.0170		mg/Kg		85	75 - 120
Cyclohexane	0.0200	0.0171		mg/Kg		86	65 - 132
Dichlorobromomethane	0.0200	0.0186		mg/Kg		93	77 - 124
Dichlorodifluoromethane	0.0200	0.0186		mg/Kg		93	45 - 129
Ethylbenzene	0.0200	0.0180		mg/Kg		90	80 - 120
Ethylene Dibromide	0.0200	0.0206		mg/Kg		103	79 - 120
Isopropylbenzene	0.0200	0.0172		mg/Kg		86	74 - 120
Methyl acetate	0.0400	0.0361		mg/Kg		90	57 - 120
Methyl tert-butyl ether	0.0200	0.0189		mg/Kg		94	74 - 125
Methylcyclohexane	0.0200	0.0164		mg/Kg		82	66 - 125
Methylene Chloride	0.0200	0.0194		mg/Kg		97	78 - 120
m-Xylene & p-Xylene	0.0200	0.0181		mg/Kg		90	80 - 120
n-Butylbenzene	0.0200	0.0160		mg/Kg		80	72 - 120
N-Propylbenzene	0.0200	0.0169		mg/Kg		84	68 - 120
o-Xylene	0.0200	0.0185		mg/Kg		93	80 - 120
sec-Butylbenzene	0.0200	0.0163		mg/Kg		82	78 - 120
Styrene	0.0200	0.0182		mg/Kg		91	80 - 120
tert-Butylbenzene	0.0200	0.0167		mg/Kg		84	80 - 120
Tetrachloroethene	0.0200	0.0177		mg/Kg		89	73 - 120
Toluene	0.0200	0.0173		mg/Kg		86	80 - 120
trans-1,2-Dichloroethene	0.0200	0.0175		mg/Kg		87	78 - 120
trans-1,3-Dichloropropene	0.0200	0.0170		mg/Kg		85	77 - 120
Trichloroethene	0.0200	0.0183		mg/Kg		92	80 - 120
Trichlorofluoromethane	0.0200	0.0168		mg/Kg		84	61 - 130
Vinyl chloride	0.0200	0.0169		mg/Kg		85	54 - 122
Xylenes, Total	0.0400	0.0366		mg/Kg		91	80 - 120

Method: 8260D - Volatile Organic Compounds by GC/MS (Continued)

Surrogate	LCS %Recovery	LCS Qualifier	Limits
1,2-Dichloroethane-d4 (Surr)	96		65 - 138
4-Bromofluorobenzene	101		71 - 128
Dibromofluoromethane (Surr)	96		50 - 150
Toluene-d8 (Surr)	97		71 - 126

Lab Sample ID: LCSD 460-1066734/4
Matrix: Solid
Analysis Batch: 1066734

Client Sample ID: Lab Control Sample Dup
Prep Type: Total/NA

Analyte			Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
1,1,1-Trichloroethane			0.0200	0.0186		mg/Kg		93	78 - 120	8	30
1,1,2,2-Tetrachloroethane			0.0200	0.0192		mg/Kg		96	70 - 133	4	30
1,1,2-Trichloro-1,2,2-trifluoroethane			0.0200	0.0193		mg/Kg		97	75 - 121	13	30
1,1,2-Trichloroethane			0.0200	0.0212		mg/Kg		106	80 - 120	5	30
1,1-Dichloroethane			0.0200	0.0184		mg/Kg		92	72 - 120	8	30
1,1-Dichloroethene			0.0200	0.0186		mg/Kg		93	76 - 120	12	30
1,2,3-Trichlorobenzene			0.0200	0.0190		mg/Kg		95	77 - 137	1	30
1,2,4-Trichlorobenzene			0.0200	0.0175		mg/Kg		88	77 - 136	1	30
1,2,4-Trimethylbenzene			0.0200	0.0181		mg/Kg		91	75 - 120	6	30
1,2-Dibromo-3-Chloropropane			0.0200	0.0178		mg/Kg		89	80 - 124	2	30
1,2-Dichlorobenzene			0.0200	0.0204		mg/Kg		102	80 - 120	2	30
1,2-Dichloroethane			0.0200	0.0200		mg/Kg		100	70 - 123	4	30
1,2-Dichloropropane			0.0200	0.0184		mg/Kg		92	73 - 124	6	30
1,3,5-Trimethylbenzene			0.0200	0.0183		mg/Kg		91	70 - 120	6	30
1,3-Dichlorobenzene			0.0200	0.0189		mg/Kg		95	80 - 120	3	30
1,4-Dichlorobenzene			0.0200	0.0191		mg/Kg		96	80 - 120	3	30
2-Butanone (MEK)			0.100	0.109		mg/Kg		109	64 - 128	4	30
2-Hexanone			0.100	0.112		mg/Kg		112	75 - 120	1	30
4-Methyl-2-pentanone (MIBK)			0.100	0.118		mg/Kg		118	80 - 120	3	30
Acetone			0.100	0.111		mg/Kg		111	58 - 122	6	30
Benzene			0.0200	0.0184		mg/Kg		92	75 - 120	7	30
Bromoform			0.0200	0.0193		mg/Kg		96	61 - 125	1	30
Bromomethane			0.0200	0.0200	*	mg/Kg		100	37 - 150	31	30
Carbon disulfide			0.0200	0.0177		mg/Kg		88	57 - 133	10	30
Carbon tetrachloride			0.0200	0.0177		mg/Kg		88	66 - 127	10	30
Chlorobenzene			0.0200	0.0192		mg/Kg		96	80 - 120	4	30
Chlorobromomethane			0.0200	0.0212		mg/Kg		106	76 - 127	4	30
Chlorodibromomethane			0.0200	0.0196		mg/Kg		98	72 - 120	2	30
Chloroethane			0.0200	0.0180		mg/Kg		90	60 - 123	15	30
Chloroform			0.0200	0.0185		mg/Kg		93	79 - 126	2	30
Chloromethane			0.0200	0.0173		mg/Kg		86	46 - 122	9	30
cis-1,2-Dichloroethene			0.0200	0.0194		mg/Kg		97	80 - 123	6	30
cis-1,3-Dichloropropene			0.0200	0.0183		mg/Kg		91	75 - 120	7	30
Cyclohexane			0.0200	0.0191		mg/Kg		96	65 - 132	11	30
Dichlorobromomethane			0.0200	0.0194		mg/Kg		97	77 - 124	4	30
Dichlorodifluoromethane			0.0200	0.0214		mg/Kg		107	45 - 129	14	30
Ethylbenzene			0.0200	0.0192		mg/Kg		96	80 - 120	6	30
Ethylene Dibromide			0.0200	0.0211		mg/Kg		106	79 - 120	2	30
Isopropylbenzene			0.0200	0.0185		mg/Kg		92	74 - 120	7	30
Methyl acetate			0.0400	0.0351		mg/Kg		88	57 - 120	3	30
Methyl tert-butyl ether			0.0200	0.0193		mg/Kg		96	74 - 125	2	30

Method: 8260D - Volatile Organic Compounds by GC/MS (Continued)

Lab Sample ID: LCSD 460-1066734/4
Matrix: Solid
Analysis Batch: 1066734

Client Sample ID: Lab Control Sample Dup
Prep Type: Total/NA

Analyte			Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Methylcyclohexane			0.0200	0.0185		mg/Kg		93	66 - 125	12	30
Methylene Chloride			0.0200	0.0198		mg/Kg		99	78 - 120	2	30
m-Xylene & p-Xylene			0.0200	0.0190		mg/Kg		95	80 - 120	5	30
n-Butylbenzene			0.0200	0.0173		mg/Kg		87	72 - 120	8	30
N-Propylbenzene			0.0200	0.0181		mg/Kg		91	68 - 120	7	30
o-Xylene			0.0200	0.0195		mg/Kg		98	80 - 120	5	30
sec-Butylbenzene			0.0200	0.0177		mg/Kg		88	78 - 120	8	30
Styrene			0.0200	0.0188		mg/Kg		94	80 - 120	3	30
tert-Butylbenzene			0.0200	0.0180		mg/Kg		90	80 - 120	8	30
Tetrachloroethene			0.0200	0.0195		mg/Kg		97	73 - 120	10	30
Toluene			0.0200	0.0186		mg/Kg		93	80 - 120	8	30
trans-1,2-Dichloroethene			0.0200	0.0188		mg/Kg		94	78 - 120	7	30
trans-1,3-Dichloropropene			0.0200	0.0175		mg/Kg		87	77 - 120	2	30
Trichloroethene			0.0200	0.0194		mg/Kg		97	80 - 120	6	30
Trichlorofluoromethane			0.0200	0.0189		mg/Kg		95	61 - 130	12	30
Vinyl chloride			0.0200	0.0192		mg/Kg		96	54 - 122	13	30
Xylenes, Total			0.0400	0.0385		mg/Kg		96	80 - 120	5	30

Surrogate	*LCSD %Recovery*	*LCSD Qualifier*	*Limits*
1,2-Dichloroethane-d4 (Surr)	*97*		*65 - 138*
4-Bromofluorobenzene	*100*		*71 - 128*
Dibromofluoromethane (Surr)	*99*		*50 - 150*
Toluene-d8 (Surr)	*100*		*71 - 126*

Lab Sample ID: MB 460-1066847/7
Matrix: Solid
Analysis Batch: 1066847

Client Sample ID: Method Blank
Prep Type: Total/NA

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1-Trichloroethane	0.0010	U	0.0010	0.00023	mg/Kg			10/09/25 01:12	1
1,1,2,2-Tetrachloroethane	0.0010	U	0.0010	0.00052	mg/Kg			10/09/25 01:12	1
1,1,2-Trichloro-1,2,2-trifluoroethane	0.0010	U	0.0010	0.00030	mg/Kg			10/09/25 01:12	1
1,1,2-Trichloroethane	0.0010	U	0.0010	0.00060	mg/Kg			10/09/25 01:12	1
1,1-Dichloroethane	0.0010	U	0.0010	0.00060	mg/Kg			10/09/25 01:12	1
1,1-Dichloroethene	0.0010	U	0.0010	0.00023	mg/Kg			10/09/25 01:12	1
1,2,3-Trichlorobenzene	0.0010	U	0.0010	0.00074	mg/Kg			10/09/25 01:12	1
1,2,4-Trichlorobenzene	0.0010	U	0.0010	0.00036	mg/Kg			10/09/25 01:12	1
1,2,4-Trimethylbenzene	0.0010	U	0.0010	0.00025	mg/Kg			10/09/25 01:12	1
1,2-Dibromo-3-Chloropropane	0.0010	U	0.0010	0.00046	mg/Kg			10/09/25 01:12	1
1,2-Dichlorobenzene	0.0010	U	0.0010	0.00036	mg/Kg			10/09/25 01:12	1
1,2-Dichloroethane	0.0010	U	0.0010	0.00030	mg/Kg			10/09/25 01:12	1
1,2-Dichloropropane	0.0010	U	0.0010	0.00042	mg/Kg			10/09/25 01:12	1
1,3,5-Trimethylbenzene	0.0010	U	0.0010	0.00031	mg/Kg			10/09/25 01:12	1
1,3-Dichlorobenzene	0.0010	U	0.0010	0.00037	mg/Kg			10/09/25 01:12	1
1,4-Dichlorobenzene	0.0010	U	0.0010	0.00052	mg/Kg			10/09/25 01:12	1
2-Butanone (MEK)	0.0050	U	0.0050	0.00037	mg/Kg			10/09/25 01:12	1
2-Hexanone	0.0050	U	0.0050	0.0017	mg/Kg			10/09/25 01:12	1
4-Methyl-2-pentanone (MIBK)	0.0050	U	0.0050	0.0016	mg/Kg			10/09/25 01:12	1

Method: 8260D - Volatile Organic Compounds by GC/MS (Continued)

Lab Sample ID: MB 460-1066847/7
Matrix: Solid
Analysis Batch: 1066847

Client Sample ID: Method Blank
Prep Type: Total/NA

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Acetone	0.0060	U	0.0060	0.0057	mg/Kg			10/09/25 01:12	1
Benzene	0.0010	U	0.0010	0.00057	mg/Kg			10/09/25 01:12	1
Bromoform	0.0010	U	0.0010	0.00043	mg/Kg			10/09/25 01:12	1
Bromomethane	0.0020	U	0.0020	0.0010	mg/Kg			10/09/25 01:12	1
Carbon disulfide	0.0010	U	0.0010	0.00027	mg/Kg			10/09/25 01:12	1
Carbon tetrachloride	0.0010	U	0.0010	0.00039	mg/Kg			10/09/25 01:12	1
Chlorobenzene	0.0010	U	0.0010	0.00051	mg/Kg			10/09/25 01:12	1
Chlorobromomethane	0.0010	U	0.0010	0.00060	mg/Kg			10/09/25 01:12	1
Chlorodibromomethane	0.0010	U	0.0010	0.00054	mg/Kg			10/09/25 01:12	1
Chloroethane	0.0010	U	0.0010	0.00052	mg/Kg			10/09/25 01:12	1
Chloroform	0.0010	U	0.0010	0.00097	mg/Kg			10/09/25 01:12	1
Chloromethane	0.0010	U	0.0010	0.00044	mg/Kg			10/09/25 01:12	1
cis-1,2-Dichloroethene	0.0010	U	0.0010	0.00036	mg/Kg			10/09/25 01:12	1
cis-1,3-Dichloropropene	0.0010	U	0.0010	0.00027	mg/Kg			10/09/25 01:12	1
Cyclohexane	0.0010	U	0.0010	0.00022	mg/Kg			10/09/25 01:12	1
Dichlorobromomethane	0.0010	U	0.0010	0.00026	mg/Kg			10/09/25 01:12	1
Dichlorodifluoromethane	0.0010	U	0.0010	0.00034	mg/Kg			10/09/25 01:12	1
Ethylbenzene	0.0010	U	0.0010	0.00047	mg/Kg			10/09/25 01:12	1
Ethylene Dibromide	0.0010	U	0.0010	0.00050	mg/Kg			10/09/25 01:12	1
Isopropylbenzene	0.0010	U	0.0010	0.00029	mg/Kg			10/09/25 01:12	1
Methyl acetate	0.0050	U	0.0050	0.0043	mg/Kg			10/09/25 01:12	1
Methyl tert-butyl ether	0.0010	U	0.0010	0.00051	mg/Kg			10/09/25 01:12	1
Methylcyclohexane	0.0010	U	0.0010	0.00050	mg/Kg			10/09/25 01:12	1
Methylene Chloride	0.0020	U	0.0020	0.0011	mg/Kg			10/09/25 01:12	1
m-Xylene & p-Xylene	0.0010	U	0.0010	0.00042	mg/Kg			10/09/25 01:12	1
n-Butylbenzene	0.0010	U	0.0010	0.00029	mg/Kg			10/09/25 01:12	1
N-Propylbenzene	0.0010	U	0.0010	0.00045	mg/Kg			10/09/25 01:12	1
o-Xylene	0.0010	U	0.0010	0.00046	mg/Kg			10/09/25 01:12	1
sec-Butylbenzene	0.0010	U	0.0010	0.00029	mg/Kg			10/09/25 01:12	1
Styrene	0.0010	U	0.0010	0.00028	mg/Kg			10/09/25 01:12	1
tert-Butylbenzene	0.0010	U	0.0010	0.00028	mg/Kg			10/09/25 01:12	1
Tetrachloroethene	0.0010	U	0.0010	0.00031	mg/Kg			10/09/25 01:12	1
Toluene	0.0010	U	0.0010	0.00023	mg/Kg			10/09/25 01:12	1
trans-1,2-Dichloroethene	0.0010	U	0.0010	0.00025	mg/Kg			10/09/25 01:12	1
trans-1,3-Dichloropropene	0.0010	U	0.0010	0.00027	mg/Kg			10/09/25 01:12	1
Trichloroethene	0.0010	U	0.0010	0.00032	mg/Kg			10/09/25 01:12	1
Trichlorofluoromethane	0.0010	U	0.0010	0.00041	mg/Kg			10/09/25 01:12	1
Vinyl chloride	0.0010	U	0.0010	0.00055	mg/Kg			10/09/25 01:12	1
Xylenes, Total	0.0020	U	0.0020	0.00017	mg/Kg			10/09/25 01:12	1

Surrogate	*MB %Recovery*	*MB Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,2-Dichloroethane-d4 (Surr)	*107*		*65 - 138*		*10/09/25 01:12*	*1*
4-Bromofluorobenzene	*99*		*71 - 128*		*10/09/25 01:12*	*1*
Dibromofluoromethane (Surr)	*115*		*50 - 150*		*10/09/25 01:12*	*1*
Toluene-d8 (Surr)	*95*		*71 - 126*		*10/09/25 01:12*	*1*

Method: 8260D - Volatile Organic Compounds by GC/MS (Continued)

Lab Sample ID: LCS 460-1066847/3
Matrix: Solid
Analysis Batch: 1066847

Client Sample ID: Lab Control Sample
Prep Type: Total/NA

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
1,1,1-Trichloroethane	0.0200	0.0182		mg/Kg		91	78 - 120
1,1,2,2-Tetrachloroethane	0.0200	0.0189		mg/Kg		94	70 - 133
1,1,2-Trichloro-1,2,2-trifluoroethane	0.0200	0.0185		mg/Kg		92	75 - 121
1,1,2-Trichloroethane	0.0200	0.0200		mg/Kg		100	80 - 120
1,1-Dichloroethane	0.0200	0.0175		mg/Kg		88	72 - 120
1,1-Dichloroethene	0.0200	0.0177		mg/Kg		89	76 - 120
1,2,3-Trichlorobenzene	0.0200	0.0189		mg/Kg		95	77 - 137
1,2,4-Trichlorobenzene	0.0200	0.0176		mg/Kg		88	77 - 136
1,2,4-Trimethylbenzene	0.0200	0.0178		mg/Kg		89	75 - 120
1,2-Dibromo-3-Chloropropane	0.0200	0.0176		mg/Kg		88	80 - 124
1,2-Dichlorobenzene	0.0200	0.0198		mg/Kg		99	80 - 120
1,2-Dichloroethane	0.0200	0.0191		mg/Kg		95	70 - 123
1,2-Dichloropropane	0.0200	0.0176		mg/Kg		88	73 - 124
1,3,5-Trimethylbenzene	0.0200	0.0176		mg/Kg		88	70 - 120
1,3-Dichlorobenzene	0.0200	0.0184		mg/Kg		92	80 - 120
1,4-Dichlorobenzene	0.0200	0.0187		mg/Kg		93	80 - 120
2-Butanone (MEK)	0.100	0.104		mg/Kg		104	64 - 128
2-Hexanone	0.100	0.113		mg/Kg		113	75 - 120
4-Methyl-2-pentanone (MIBK)	0.100	0.115		mg/Kg		115	80 - 120
Acetone	0.100	0.105		mg/Kg		105	58 - 122
Benzene	0.0200	0.0172		mg/Kg		86	75 - 120
Bromoform	0.0200	0.0194		mg/Kg		97	61 - 125
Bromomethane	0.0200	0.0221		mg/Kg		111	37 - 150
Carbon disulfide	0.0200	0.0163		mg/Kg		82	57 - 133
Carbon tetrachloride	0.0200	0.0173		mg/Kg		86	66 - 127
Chlorobenzene	0.0200	0.0187		mg/Kg		93	80 - 120
Chlorobromomethane	0.0200	0.0203		mg/Kg		102	76 - 127
Chlorodibromomethane	0.0200	0.0192		mg/Kg		96	72 - 120
Chloroethane	0.0200	0.0170		mg/Kg		85	60 - 123
Chloroform	0.0200	0.0185		mg/Kg		92	79 - 126
Chloromethane	0.0200	0.0159		mg/Kg		79	46 - 122
cis-1,2-Dichloroethene	0.0200	0.0187		mg/Kg		94	80 - 123
cis-1,3-Dichloropropene	0.0200	0.0179		mg/Kg		89	75 - 120
Cyclohexane	0.0200	0.0177		mg/Kg		89	65 - 132
Dichlorobromomethane	0.0200	0.0190		mg/Kg		95	77 - 124
Dichlorodifluoromethane	0.0200	0.0237		mg/Kg		118	45 - 129
Ethylbenzene	0.0200	0.0183		mg/Kg		91	80 - 120
Ethylene Dibromide	0.0200	0.0204		mg/Kg		102	79 - 120
Isopropylbenzene	0.0200	0.0181		mg/Kg		91	74 - 120
Methyl acetate	0.0400	0.0326		mg/Kg		81	57 - 120
Methyl tert-butyl ether	0.0200	0.0185		mg/Kg		93	74 - 125
Methylcyclohexane	0.0200	0.0175		mg/Kg		88	66 - 125
Methylene Chloride	0.0200	0.0200		mg/Kg		100	78 - 120
m-Xylene & p-Xylene	0.0200	0.0185		mg/Kg		93	80 - 120
n-Butylbenzene	0.0200	0.0168		mg/Kg		84	72 - 120
N-Propylbenzene	0.0200	0.0175		mg/Kg		87	68 - 120
o-Xylene	0.0200	0.0188		mg/Kg		94	80 - 120
sec-Butylbenzene	0.0200	0.0170		mg/Kg		85	78 - 120

Method: 8260D - Volatile Organic Compounds by GC/MS (Continued)

Lab Sample ID: LCS 460-1066847/3
Matrix: Solid
Analysis Batch: 1066847

Client Sample ID: Lab Control Sample
Prep Type: Total/NA

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
Styrene	0.0200	0.0183		mg/Kg		92	80 - 120
tert-Butylbenzene	0.0200	0.0175		mg/Kg		88	80 - 120
Tetrachloroethene	0.0200	0.0185		mg/Kg		93	73 - 120
Toluene	0.0200	0.0176		mg/Kg		88	80 - 120
trans-1,2-Dichloroethene	0.0200	0.0177		mg/Kg		89	78 - 120
trans-1,3-Dichloropropene	0.0200	0.0177		mg/Kg		88	77 - 120
Trichloroethene	0.0200	0.0179		mg/Kg		90	80 - 120
Trichlorofluoromethane	0.0200	0.0175		mg/Kg		87	61 - 130
Vinyl chloride	0.0200	0.0177		mg/Kg		89	54 - 122
Xylenes, Total	0.0400	0.0374		mg/Kg		93	80 - 120

Surrogate	*LCS %Recovery*	*LCS Qualifier*	*Limits*
1,2-Dichloroethane-d4 (Surr)	*98*		*65 - 138*
4-Bromofluorobenzene	*98*		*71 - 128*
Dibromofluoromethane (Surr)	*99*		*50 - 150*
Toluene-d8 (Surr)	*97*		*71 - 126*

Lab Sample ID: LCSD 460-1066847/4
Matrix: Solid
Analysis Batch: 1066847

Client Sample ID: Lab Control Sample Dup
Prep Type: Total/NA

Analyte	Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
1,1,1-Trichloroethane	0.0200	0.0184		mg/Kg		92	78 - 120	1	30
1,1,2,2-Tetrachloroethane	0.0200	0.0196		mg/Kg		98	70 - 133	4	30
1,1,2-Trichloro-1,2,2-trifluoroethane	0.0200	0.0190		mg/Kg		95	75 - 121	3	30
1,1,2-Trichloroethane	0.0200	0.0207		mg/Kg		103	80 - 120	3	30
1,1-Dichloroethane	0.0200	0.0174		mg/Kg		87	72 - 120	1	30
1,1-Dichloroethene	0.0200	0.0177		mg/Kg		89	76 - 120	0	30
1,2,3-Trichlorobenzene	0.0200	0.0196		mg/Kg		98	77 - 137	4	30
1,2,4-Trichlorobenzene	0.0200	0.0183		mg/Kg		92	77 - 136	4	30
1,2,4-Trimethylbenzene	0.0200	0.0183		mg/Kg		91	75 - 120	3	30
1,2-Dibromo-3-Chloropropane	0.0200	0.0174		mg/Kg		87	80 - 124	1	30
1,2-Dichlorobenzene	0.0200	0.0205		mg/Kg		102	80 - 120	3	30
1,2-Dichloroethane	0.0200	0.0187		mg/Kg		94	70 - 123	2	30
1,2-Dichloropropane	0.0200	0.0178		mg/Kg		89	73 - 124	1	30
1,3,5-Trimethylbenzene	0.0200	0.0183		mg/Kg		91	70 - 120	4	30
1,3-Dichlorobenzene	0.0200	0.0192		mg/Kg		96	80 - 120	4	30
1,4-Dichlorobenzene	0.0200	0.0196		mg/Kg		98	80 - 120	5	30
2-Butanone (MEK)	0.100	0.105		mg/Kg		105	64 - 128	2	30
2-Hexanone	0.100	0.107		mg/Kg		107	75 - 120	5	30
4-Methyl-2-pentanone (MIBK)	0.100	0.113		mg/Kg		113	80 - 120	2	30
Acetone	0.100	0.0965		mg/Kg		96	58 - 122	8	30
Benzene	0.0200	0.0180		mg/Kg		90	75 - 120	5	30
Bromoform	0.0200	0.0194		mg/Kg		97	61 - 125	0	30
Bromomethane	0.0200	0.0128	*	mg/Kg		64	37 - 150	53	30
Carbon disulfide	0.0200	0.0162		mg/Kg		81	57 - 133	1	30
Carbon tetrachloride	0.0200	0.0178		mg/Kg		89	66 - 127	3	30
Chlorobenzene	0.0200	0.0192		mg/Kg		96	80 - 120	3	30

Method: 8260D - Volatile Organic Compounds by GC/MS (Continued)

Lab Sample ID: LCSD 460-1066847/4
Matrix: Solid
Analysis Batch: 1066847

Client Sample ID: Lab Control Sample Dup
Prep Type: Total/NA

Analyte			Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Chlorobromomethane			0.0200	0.0201		mg/Kg		101	76 - 127	1	30
Chlorodibromomethane			0.0200	0.0196		mg/Kg		98	72 - 120	2	30
Chloroethane			0.0200	0.0167		mg/Kg		84	60 - 123	2	30
Chloroform			0.0200	0.0179		mg/Kg		90	79 - 126	3	30
Chloromethane			0.0200	0.0161		mg/Kg		80	46 - 122	1	30
cis-1,2-Dichloroethene			0.0200	0.0189		mg/Kg		94	80 - 123	1	30
cis-1,3-Dichloropropene			0.0200	0.0183		mg/Kg		92	75 - 120	3	30
Cyclohexane			0.0200	0.0184		mg/Kg		92	65 - 132	4	30
Dichlorobromomethane			0.0200	0.0190		mg/Kg		95	77 - 124	0	30
Dichlorodifluoromethane			0.0200	0.0192		mg/Kg		96	45 - 129	21	30
Ethylbenzene			0.0200	0.0192		mg/Kg		96	80 - 120	5	30
Ethylene Dibromide			0.0200	0.0207		mg/Kg		103	79 - 120	1	30
Isopropylbenzene			0.0200	0.0184		mg/Kg		92	74 - 120	2	30
Methyl acetate			0.0400	0.0326		mg/Kg		82	57 - 120	0	30
Methyl tert-butyl ether			0.0200	0.0189		mg/Kg		94	74 - 125	2	30
Methylcyclohexane			0.0200	0.0180		mg/Kg		90	66 - 125	3	30
Methylene Chloride			0.0200	0.0197		mg/Kg		98	78 - 120	2	30
m-Xylene & p-Xylene			0.0200	0.0189		mg/Kg		95	80 - 120	2	30
n-Butylbenzene			0.0200	0.0178		mg/Kg		89	72 - 120	6	30
N-Propylbenzene			0.0200	0.0184		mg/Kg		92	68 - 120	5	30
o-Xylene			0.0200	0.0191		mg/Kg		96	80 - 120	1	30
sec-Butylbenzene			0.0200	0.0182		mg/Kg		91	78 - 120	7	30
Styrene			0.0200	0.0184		mg/Kg		92	80 - 120	1	30
tert-Butylbenzene			0.0200	0.0181		mg/Kg		91	80 - 120	3	30
Tetrachloroethene			0.0200	0.0196		mg/Kg		98	73 - 120	6	30
Toluene			0.0200	0.0181		mg/Kg		90	80 - 120	2	30
trans-1,2-Dichloroethene			0.0200	0.0179		mg/Kg		90	78 - 120	1	30
trans-1,3-Dichloropropene			0.0200	0.0183		mg/Kg		91	77 - 120	3	30
Trichloroethene			0.0200	0.0188		mg/Kg		94	80 - 120	5	30
Trichlorofluoromethane			0.0200	0.0180		mg/Kg		90	61 - 130	3	30
Vinyl chloride			0.0200	0.0177		mg/Kg		89	54 - 122	0	30
Xylenes, Total			0.0400	0.0381		mg/Kg		95	80 - 120	2	30

Surrogate	*LCSD %Recovery*	*LCSD Qualifier*	*Limits*
1,2-Dichloroethane-d4 (Surr)	*95*		*65 - 138*
4-Bromofluorobenzene	*101*		*71 - 128*
Dibromofluoromethane (Surr)	*95*		*50 - 150*
Toluene-d8 (Surr)	*98*		*71 - 126*

Lab Sample ID: MB 460-1067096/7
Matrix: Solid
Analysis Batch: 1067096

Client Sample ID: Method Blank
Prep Type: Total/NA

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1-Trichloroethane	0.0010	U	0.0010	0.00023	mg/Kg			10/09/25 21:43	1
1,1,2,2-Tetrachloroethane	0.0010	U	0.0010	0.00052	mg/Kg			10/09/25 21:43	1
1,1,2-Trichloro-1,2,2-trifluoroethane	0.0010	U	0.0010	0.00030	mg/Kg			10/09/25 21:43	1
1,1,2-Trichloroethane	0.0010	U	0.0010	0.00060	mg/Kg			10/09/25 21:43	1

Method: 8260D - Volatile Organic Compounds by GC/MS (Continued)

Lab Sample ID: MB 460-1067096/7
Matrix: Solid
Analysis Batch: 1067096

Client Sample ID: Method Blank
Prep Type: Total/NA

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1-Dichloroethane	0.0010	U	0.0010	0.00060	mg/Kg			10/09/25 21:43	1
1,1-Dichloroethene	0.0010	U	0.0010	0.00023	mg/Kg			10/09/25 21:43	1
1,2,3-Trichlorobenzene	0.0010	U	0.0010	0.00074	mg/Kg			10/09/25 21:43	1
1,2,4-Trichlorobenzene	0.0010	U	0.0010	0.00036	mg/Kg			10/09/25 21:43	1
1,2,4-Trimethylbenzene	0.0010	U	0.0010	0.00025	mg/Kg			10/09/25 21:43	1
1,2-Dibromo-3-Chloropropane	0.0010	U	0.0010	0.00046	mg/Kg			10/09/25 21:43	1
1,2-Dichlorobenzene	0.0010	U	0.0010	0.00036	mg/Kg			10/09/25 21:43	1
1,2-Dichloroethane	0.0010	U	0.0010	0.00030	mg/Kg			10/09/25 21:43	1
1,2-Dichloropropane	0.0010	U	0.0010	0.00042	mg/Kg			10/09/25 21:43	1
1,3,5-Trimethylbenzene	0.0010	U	0.0010	0.00031	mg/Kg			10/09/25 21:43	1
1,3-Dichlorobenzene	0.0010	U	0.0010	0.00037	mg/Kg			10/09/25 21:43	1
1,4-Dichlorobenzene	0.0010	U	0.0010	0.00052	mg/Kg			10/09/25 21:43	1
2-Butanone (MEK)	0.0050	U	0.0050	0.00037	mg/Kg			10/09/25 21:43	1
2-Hexanone	0.0050	U	0.0050	0.0017	mg/Kg			10/09/25 21:43	1
4-Methyl-2-pentanone (MIBK)	0.0050	U	0.0050	0.0016	mg/Kg			10/09/25 21:43	1
Acetone	0.0060	U	0.0060	0.0057	mg/Kg			10/09/25 21:43	1
Benzene	0.0010	U	0.0010	0.00057	mg/Kg			10/09/25 21:43	1
Bromoform	0.0010	U	0.0010	0.00043	mg/Kg			10/09/25 21:43	1
Bromomethane	0.0020	U	0.0020	0.0010	mg/Kg			10/09/25 21:43	1
Carbon disulfide	0.0010	U	0.0010	0.00027	mg/Kg			10/09/25 21:43	1
Carbon tetrachloride	0.0010	U	0.0010	0.00039	mg/Kg			10/09/25 21:43	1
Chlorobenzene	0.0010	U	0.0010	0.00051	mg/Kg			10/09/25 21:43	1
Chlorobromomethane	0.0010	U	0.0010	0.00060	mg/Kg			10/09/25 21:43	1
Chlorodibromomethane	0.0010	U	0.0010	0.00054	mg/Kg			10/09/25 21:43	1
Chloroethane	0.0010	U	0.0010	0.00052	mg/Kg			10/09/25 21:43	1
Chloroform	0.0010	U	0.0010	0.00097	mg/Kg			10/09/25 21:43	1
Chloromethane	0.0010	U	0.0010	0.00044	mg/Kg			10/09/25 21:43	1
cis-1,2-Dichloroethene	0.0010	U	0.0010	0.00036	mg/Kg			10/09/25 21:43	1
cis-1,3-Dichloropropene	0.0010	U	0.0010	0.00027	mg/Kg			10/09/25 21:43	1
Cyclohexane	0.0010	U	0.0010	0.00022	mg/Kg			10/09/25 21:43	1
Dichlorobromomethane	0.0010	U	0.0010	0.00026	mg/Kg			10/09/25 21:43	1
Dichlorodifluoromethane	0.0010	U	0.0010	0.00034	mg/Kg			10/09/25 21:43	1
Ethylbenzene	0.0010	U	0.0010	0.00047	mg/Kg			10/09/25 21:43	1
Ethylene Dibromide	0.0010	U	0.0010	0.00050	mg/Kg			10/09/25 21:43	1
Isopropylbenzene	0.0010	U	0.0010	0.00029	mg/Kg			10/09/25 21:43	1
Methyl acetate	0.0050	U	0.0050	0.0043	mg/Kg			10/09/25 21:43	1
Methyl tert-butyl ether	0.0010	U	0.0010	0.00051	mg/Kg			10/09/25 21:43	1
Methylcyclohexane	0.0010	U	0.0010	0.00050	mg/Kg			10/09/25 21:43	1
Methylene Chloride	0.0020	U	0.0020	0.0011	mg/Kg			10/09/25 21:43	1
m-Xylene & p-Xylene	0.0010	U	0.0010	0.00042	mg/Kg			10/09/25 21:43	1
n-Butylbenzene	0.0010	U	0.0010	0.00029	mg/Kg			10/09/25 21:43	1
N-Propylbenzene	0.0010	U	0.0010	0.00045	mg/Kg			10/09/25 21:43	1
o-Xylene	0.0010	U	0.0010	0.00046	mg/Kg			10/09/25 21:43	1
sec-Butylbenzene	0.0010	U	0.0010	0.00029	mg/Kg			10/09/25 21:43	1
Styrene	0.0010	U	0.0010	0.00028	mg/Kg			10/09/25 21:43	1
tert-Butylbenzene	0.0010	U	0.0010	0.00028	mg/Kg			10/09/25 21:43	1
Tetrachloroethene	0.0010	U	0.0010	0.00031	mg/Kg			10/09/25 21:43	1
Toluene	0.0010	U	0.0010	0.00023	mg/Kg			10/09/25 21:43	1
trans-1,2-Dichloroethene	0.0010	U	0.0010	0.00025	mg/Kg			10/09/25 21:43	1

Method: 8260D - Volatile Organic Compounds by GC/MS (Continued)

Lab Sample ID: MB 460-1067096/7
Matrix: Solid
Analysis Batch: 1067096

Client Sample ID: Method Blank
Prep Type: Total/NA

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
trans-1,3-Dichloropropene	0.0010	U	0.0010	0.00027	mg/Kg			10/09/25 21:43	1
Trichloroethene	0.0010	U	0.0010	0.00032	mg/Kg			10/09/25 21:43	1
Trichlorofluoromethane	0.0010	U	0.0010	0.00041	mg/Kg			10/09/25 21:43	1
Vinyl chloride	0.0010	U	0.0010	0.00055	mg/Kg			10/09/25 21:43	1
Xylenes, Total	0.0020	U	0.0020	0.00017	mg/Kg			10/09/25 21:43	1

Surrogate	*MB %Recovery*	*MB Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,2-Dichloroethane-d4 (Surr)	*90*		*65 - 138*		*10/09/25 21:43*	*1*
4-Bromofluorobenzene	*92*		*71 - 128*		*10/09/25 21:43*	*1*
Dibromofluoromethane (Surr)	*97*		*50 - 150*		*10/09/25 21:43*	*1*
Toluene-d8 (Surr)	*100*		*71 - 126*		*10/09/25 21:43*	*1*

Lab Sample ID: LCS 460-1067096/3
Matrix: Solid
Analysis Batch: 1067096

Client Sample ID: Lab Control Sample
Prep Type: Total/NA

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
1,1,1-Trichloroethane	0.0200	0.0162		mg/Kg		81	78 - 120
1,1,2,2-Tetrachloroethane	0.0200	0.0191		mg/Kg		96	70 - 133
1,1,2-Trichloro-1,2,2-trifluoroethane	0.0200	0.0176		mg/Kg		88	75 - 121
1,1,2-Trichloroethane	0.0200	0.0196		mg/Kg		98	80 - 120
1,1-Dichloroethane	0.0200	0.0179		mg/Kg		90	72 - 120
1,1-Dichloroethene	0.0200	0.0184		mg/Kg		92	76 - 120
1,2,3-Trichlorobenzene	0.0200	0.0187		mg/Kg		93	77 - 137
1,2,4-Trichlorobenzene	0.0200	0.0179		mg/Kg		90	77 - 136
1,2,4-Trimethylbenzene	0.0200	0.0191		mg/Kg		96	75 - 120
1,2-Dibromo-3-Chloropropane	0.0200	0.0180		mg/Kg		90	80 - 124
1,2-Dichlorobenzene	0.0200	0.0197		mg/Kg		98	80 - 120
1,2-Dichloroethane	0.0200	0.0158		mg/Kg		79	70 - 123
1,2-Dichloropropane	0.0200	0.0184		mg/Kg		92	73 - 124
1,3,5-Trimethylbenzene	0.0200	0.0189		mg/Kg		95	70 - 120
1,3-Dichlorobenzene	0.0200	0.0199		mg/Kg		99	80 - 120
1,4-Dichlorobenzene	0.0200	0.0193		mg/Kg		96	80 - 120
2-Butanone (MEK)	0.100	0.105		mg/Kg		105	64 - 128
2-Hexanone	0.100	0.0989		mg/Kg		99	75 - 120
4-Methyl-2-pentanone (MIBK)	0.100	0.101		mg/Kg		101	80 - 120
Acetone	0.100	0.0966		mg/Kg		97	58 - 122
Benzene	0.0200	0.0188		mg/Kg		94	75 - 120
Bromoform	0.0200	0.0185		mg/Kg		93	61 - 125
Bromomethane	0.0200	0.0133		mg/Kg		66	37 - 150
Carbon disulfide	0.0200	0.0165		mg/Kg		83	57 - 133
Carbon tetrachloride	0.0200	0.0157		mg/Kg		79	66 - 127
Chlorobenzene	0.0200	0.0191		mg/Kg		95	80 - 120
Chlorobromomethane	0.0200	0.0195		mg/Kg		98	76 - 127
Chlorodibromomethane	0.0200	0.0181		mg/Kg		91	72 - 120
Chloroethane	0.0200	0.0139		mg/Kg		70	60 - 123
Chloroform	0.0200	0.0180		mg/Kg		90	79 - 126
Chloromethane	0.0200	0.0183		mg/Kg		92	46 - 122

Method: 8260D - Volatile Organic Compounds by GC/MS (Continued)

Lab Sample ID: LCS 460-1067096/3
Matrix: Solid
Analysis Batch: 1067096

Client Sample ID: Lab Control Sample
Prep Type: Total/NA

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
cis-1,2-Dichloroethene	0.0200	0.0180		mg/Kg		90	80 - 123
cis-1,3-Dichloropropene	0.0200	0.0169		mg/Kg		85	75 - 120
Cyclohexane	0.0200	0.0178		mg/Kg		89	65 - 132
Dichlorobromomethane	0.0200	0.0174		mg/Kg		87	77 - 124
Dichlorodifluoromethane	0.0200	0.0202		mg/Kg		101	45 - 129
Ethylbenzene	0.0200	0.0192		mg/Kg		96	80 - 120
Ethylene Dibromide	0.0200	0.0191		mg/Kg		95	79 - 120
Isopropylbenzene	0.0200	0.0191		mg/Kg		96	74 - 120
Methyl acetate	0.0400	0.0357		mg/Kg		89	57 - 120
Methyl tert-butyl ether	0.0200	0.0175		mg/Kg		88	74 - 125
Methylcyclohexane	0.0200	0.0180		mg/Kg		90	66 - 125
Methylene Chloride	0.0200	0.0203		mg/Kg		102	78 - 120
m-Xylene & p-Xylene	0.0200	0.0189		mg/Kg		94	80 - 120
n-Butylbenzene	0.0200	0.0187		mg/Kg		94	72 - 120
N-Propylbenzene	0.0200	0.0187		mg/Kg		93	68 - 120
o-Xylene	0.0200	0.0197		mg/Kg		99	80 - 120
sec-Butylbenzene	0.0200	0.0190		mg/Kg		95	78 - 120
Styrene	0.0200	0.0197		mg/Kg		99	80 - 120
tert-Butylbenzene	0.0200	0.0191		mg/Kg		96	80 - 120
Tetrachloroethene	0.0200	0.0171		mg/Kg		85	73 - 120
Toluene	0.0200	0.0183		mg/Kg		92	80 - 120
trans-1,2-Dichloroethene	0.0200	0.0180		mg/Kg		90	78 - 120
trans-1,3-Dichloropropene	0.0200	0.0164		mg/Kg		82	77 - 120
Trichloroethene	0.0200	0.0178		mg/Kg		89	80 - 120
Trichlorofluoromethane	0.0200	0.0158		mg/Kg		79	61 - 130
Vinyl chloride	0.0200	0.0166		mg/Kg		83	54 - 122
Xylenes, Total	0.0400	0.0386		mg/Kg		96	80 - 120

Surrogate	*LCS %Recovery*	*LCS Qualifier*	*Limits*
1,2-Dichloroethane-d4 (Surr)	*84*		*65 - 138*
4-Bromofluorobenzene	*96*		*71 - 128*
Dibromofluoromethane (Surr)	*92*		*50 - 150*
Toluene-d8 (Surr)	*98*		*71 - 126*

Lab Sample ID: LCSD 460-1067096/4
Matrix: Solid
Analysis Batch: 1067096

Client Sample ID: Lab Control Sample Dup
Prep Type: Total/NA

Analyte	Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
1,1,1-Trichloroethane	0.0200	0.0174		mg/Kg		87	78 - 120	7	30
1,1,2,2-Tetrachloroethane	0.0200	0.0195		mg/Kg		97	70 - 133	2	30
1,1,2-Trichloro-1,2,2-trifluoroethane	0.0200	0.0196		mg/Kg		98	75 - 121	11	30
1,1,2-Trichloroethane	0.0200	0.0197		mg/Kg		99	80 - 120	0	30
1,1-Dichloroethane	0.0200	0.0187		mg/Kg		94	72 - 120	4	30
1,1-Dichloroethene	0.0200	0.0201		mg/Kg		101	76 - 120	9	30
1,2,3-Trichlorobenzene	0.0200	0.0187		mg/Kg		94	77 - 137	0	30
1,2,4-Trichlorobenzene	0.0200	0.0179		mg/Kg		90	77 - 136	0	30
1,2,4-Trimethylbenzene	0.0200	0.0196		mg/Kg		98	75 - 120	3	30

Method: 8260D - Volatile Organic Compounds by GC/MS (Continued)

Lab Sample ID: LCSD 460-1067096/4
Matrix: Solid
Analysis Batch: 1067096

Client Sample ID: Lab Control Sample Dup
Prep Type: Total/NA

Analyte	Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
1,2-Dibromo-3-Chloropropane	0.0200	0.0184		mg/Kg		92	80 - 124	2	30
1,2-Dichlorobenzene	0.0200	0.0198		mg/Kg		99	80 - 120	1	30
1,2-Dichloroethane	0.0200	0.0162		mg/Kg		81	70 - 123	2	30
1,2-Dichloropropane	0.0200	0.0190		mg/Kg		95	73 - 124	3	30
1,3,5-Trimethylbenzene	0.0200	0.0196		mg/Kg		98	70 - 120	4	30
1,3-Dichlorobenzene	0.0200	0.0203		mg/Kg		101	80 - 120	2	30
1,4-Dichlorobenzene	0.0200	0.0193		mg/Kg		97	80 - 120	0	30
2-Butanone (MEK)	0.100	0.108		mg/Kg		108	64 - 128	3	30
2-Hexanone	0.100	0.100		mg/Kg		100	75 - 120	2	30
4-Methyl-2-pentanone (MIBK)	0.100	0.101		mg/Kg		101	80 - 120	0	30
Acetone	0.100	0.0953		mg/Kg		95	58 - 122	1	30
Benzene	0.0200	0.0192		mg/Kg		96	75 - 120	2	30
Bromoform	0.0200	0.0184		mg/Kg		92	61 - 125	0	30
Bromomethane	0.0200	0.0226	*	mg/Kg		113	37 - 150	52	30
Carbon disulfide	0.0200	0.0178		mg/Kg		89	57 - 133	7	30
Carbon tetrachloride	0.0200	0.0169		mg/Kg		84	66 - 127	7	30
Chlorobenzene	0.0200	0.0195		mg/Kg		97	80 - 120	2	30
Chlorobromomethane	0.0200	0.0201		mg/Kg		100	76 - 127	3	30
Chlorodibromomethane	0.0200	0.0183		mg/Kg		91	72 - 120	1	30
Chloroethane	0.0200	0.0212	*	mg/Kg		106	60 - 123	42	30
Chloroform	0.0200	0.0183		mg/Kg		92	79 - 126	2	30
Chloromethane	0.0200	0.0194		mg/Kg		97	46 - 122	6	30
cis-1,2-Dichloroethene	0.0200	0.0186		mg/Kg		93	80 - 123	3	30
cis-1,3-Dichloropropene	0.0200	0.0173		mg/Kg		87	75 - 120	2	30
Cyclohexane	0.0200	0.0195		mg/Kg		98	65 - 132	9	30
Dichlorobromomethane	0.0200	0.0177		mg/Kg		89	77 - 124	2	30
Dichlorodifluoromethane	0.0200	0.0240		mg/Kg		120	45 - 129	17	30
Ethylbenzene	0.0200	0.0196		mg/Kg		98	80 - 120	2	30
Ethylene Dibromide	0.0200	0.0189		mg/Kg		95	79 - 120	1	30
Isopropylbenzene	0.0200	0.0200		mg/Kg		100	74 - 120	4	30
Methyl acetate	0.0400	0.0330		mg/Kg		83	57 - 120	8	30
Methyl tert-butyl ether	0.0200	0.0175		mg/Kg		87	74 - 125	0	30
Methylcyclohexane	0.0200	0.0195		mg/Kg		98	66 - 125	8	30
Methylene Chloride	0.0200	0.0207		mg/Kg		104	78 - 120	2	30
m-Xylene & p-Xylene	0.0200	0.0198		mg/Kg		99	80 - 120	5	30
n-Butylbenzene	0.0200	0.0196		mg/Kg		98	72 - 120	5	30
N-Propylbenzene	0.0200	0.0197		mg/Kg		98	68 - 120	5	30
o-Xylene	0.0200	0.0202		mg/Kg		101	80 - 120	3	30
sec-Butylbenzene	0.0200	0.0204		mg/Kg		102	78 - 120	7	30
Styrene	0.0200	0.0199		mg/Kg		100	80 - 120	1	30
tert-Butylbenzene	0.0200	0.0201		mg/Kg		100	80 - 120	5	30
Tetrachloroethene	0.0200	0.0180		mg/Kg		90	73 - 120	5	30
Toluene	0.0200	0.0188		mg/Kg		94	80 - 120	2	30
trans-1,2-Dichloroethene	0.0200	0.0186		mg/Kg		93	78 - 120	3	30
trans-1,3-Dichloropropene	0.0200	0.0164		mg/Kg		82	77 - 120	0	30
Trichloroethene	0.0200	0.0186		mg/Kg		93	80 - 120	4	30
Trichlorofluoromethane	0.0200	0.0179		mg/Kg		90	61 - 130	13	30
Vinyl chloride	0.0200	0.0180		mg/Kg		90	54 - 122	8	30
Xylenes, Total	0.0400	0.0400		mg/Kg		100	80 - 120	4	30

Method: 8260D - Volatile Organic Compounds by GC/MS (Continued)

Surrogate	LCSD %Recovery	LCSD Qualifier	Limits
1,2-Dichloroethane-d4 (Surr)	*83*		*65 - 138*
4-Bromofluorobenzene	*96*		*71 - 128*
Dibromofluoromethane (Surr)	*92*		*50 - 150*
Toluene-d8 (Surr)	*98*		*71 - 126*

Method: 8270E - Semivolatile Organic Compounds (GC/MS)

Lab Sample ID: MB 460-1066619/1-A
Matrix: Solid
Analysis Batch: 1066663

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 1066619

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1'-Biphenyl	0.33	U	0.33	0.012	mg/Kg		10/07/25 21:44	10/08/25 07:11	1
1,2,4,5-Tetrachlorobenzene	0.33	U	0.33	0.010	mg/Kg		10/07/25 21:44	10/08/25 07:11	1
1,4-Dioxane	0.033	U	0.033	0.029	mg/Kg		10/07/25 21:44	10/08/25 07:11	1
2,2'-oxybis[1-chloropropane]	0.33	U	0.33	0.020	mg/Kg		10/07/25 21:44	10/08/25 07:11	1
2,3,4,6-Tetrachlorophenol	0.33	U	0.33	0.022	mg/Kg		10/07/25 21:44	10/08/25 07:11	1
2,4,5-Trichlorophenol	0.33	U	0.33	0.034	mg/Kg		10/07/25 21:44	10/08/25 07:11	1
2,4,6-Trichlorophenol	0.13	U	0.13	0.042	mg/Kg		10/07/25 21:44	10/08/25 07:11	1
2,4-Dichlorophenol	0.13	U	0.13	0.021	mg/Kg		10/07/25 21:44	10/08/25 07:11	1
2,4-Dimethylphenol	0.33	U	0.33	0.039	mg/Kg		10/07/25 21:44	10/08/25 07:11	1
2,4-Dinitrophenol	0.27	U	0.27	0.16	mg/Kg		10/07/25 21:44	10/08/25 07:11	1
2,4-Dinitrotoluene	0.067	U	0.067	0.036	mg/Kg		10/07/25 21:44	10/08/25 07:11	1
2,6-Dinitrotoluene	0.067	U	0.067	0.024	mg/Kg		10/07/25 21:44	10/08/25 07:11	1
2-Chloronaphthalene	0.33	U	0.33	0.043	mg/Kg		10/07/25 21:44	10/08/25 07:11	1
2-Chlorophenol	0.33	U	0.33	0.012	mg/Kg		10/07/25 21:44	10/08/25 07:11	1
2-Methylnaphthalene	0.33	U	0.33	0.0093	mg/Kg		10/07/25 21:44	10/08/25 07:11	1
2-Methylphenol	0.33	U	0.33	0.012	mg/Kg		10/07/25 21:44	10/08/25 07:11	1
2-Nitroaniline	0.33	U	0.33	0.025	mg/Kg		10/07/25 21:44	10/08/25 07:11	1
2-Nitrophenol	0.33	U	0.33	0.033	mg/Kg		10/07/25 21:44	10/08/25 07:11	1
3 & 4 Methylphenol	0.33	U	0.33	0.021	mg/Kg		10/07/25 21:44	10/08/25 07:11	1
3,3'-Dichlorobenzidine	0.13	U	0.13	0.050	mg/Kg		10/07/25 21:44	10/08/25 07:11	1
3-Nitroaniline	0.33	U	0.33	0.079	mg/Kg		10/07/25 21:44	10/08/25 07:11	1
4,6-Dinitro-2-methylphenol	0.27	U	0.27	0.14	mg/Kg		10/07/25 21:44	10/08/25 07:11	1
4-Bromophenyl phenyl ether	0.33	U	0.33	0.013	mg/Kg		10/07/25 21:44	10/08/25 07:11	1
4-Chloro-3-methylphenol	0.33	U	0.33	0.019	mg/Kg		10/07/25 21:44	10/08/25 07:11	1
4-Chloroaniline	0.33	U	0.33	0.059	mg/Kg		10/07/25 21:44	10/08/25 07:11	1
4-Chlorophenyl phenyl ether	0.33	U	0.33	0.012	mg/Kg		10/07/25 21:44	10/08/25 07:11	1
4-Methylphenol	0.33	U	0.33	0.021	mg/Kg		10/07/25 21:44	10/08/25 07:11	1
4-Nitroaniline	0.33	U	0.33	0.084	mg/Kg		10/07/25 21:44	10/08/25 07:11	1
4-Nitrophenol	0.67	U	0.67	0.054	mg/Kg		10/07/25 21:44	10/08/25 07:11	1
Acenaphthene	0.33	U	0.33	0.0094	mg/Kg		10/07/25 21:44	10/08/25 07:11	1
Acenaphthylene	0.33	U	0.33	0.0095	mg/Kg		10/07/25 21:44	10/08/25 07:11	1
Acetophenone	0.33	U	0.33	0.016	mg/Kg		10/07/25 21:44	10/08/25 07:11	1
Anthracene	0.33	U	0.33	0.010	mg/Kg		10/07/25 21:44	10/08/25 07:11	1
Atrazine	0.13	U	0.13	0.019	mg/Kg		10/07/25 21:44	10/08/25 07:11	1
Benzaldehyde	0.33	U	0.33	0.055	mg/Kg		10/07/25 21:44	10/08/25 07:11	1
Benzo[a]anthracene	0.033	U	0.033	0.025	mg/Kg		10/07/25 21:44	10/08/25 07:11	1
Benzo[a]pyrene	0.033	U	0.033	0.0088	mg/Kg		10/07/25 21:44	10/08/25 07:11	1
Benzo[b]fluoranthene	0.033	U	0.033	0.0086	mg/Kg		10/07/25 21:44	10/08/25 07:11	1
Benzo[g,h,i]perylene	0.33	U	0.33	0.0098	mg/Kg		10/07/25 21:44	10/08/25 07:11	1
Benzo[k]fluoranthene	0.033	U	0.033	0.0065	mg/Kg		10/07/25 21:44	10/08/25 07:11	1

Method: 8270E - Semivolatile Organic Compounds (GC/MS) (Continued)

Lab Sample ID: MB 460-1066619/1-A
Matrix: Solid
Analysis Batch: 1066663

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 1066619

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Bis(2-chloroethoxy)methane	0.33	U	0.33	0.061	mg/Kg		10/07/25 21:44	10/08/25 07:11	1
Bis(2-chloroethyl)ether	0.033	U	0.033	0.012	mg/Kg		10/07/25 21:44	10/08/25 07:11	1
Bis(2-ethylhexyl) phthalate	0.33	U	0.33	0.017	mg/Kg		10/07/25 21:44	10/08/25 07:11	1
Butyl benzyl phthalate	0.33	U	0.33	0.016	mg/Kg		10/07/25 21:44	10/08/25 07:11	1
Caprolactam	0.33	U	0.33	0.051	mg/Kg		10/07/25 21:44	10/08/25 07:11	1
Carbazole	0.33	U	0.33	0.013	mg/Kg		10/07/25 21:44	10/08/25 07:11	1
Chrysene	0.33	U	0.33	0.014	mg/Kg		10/07/25 21:44	10/08/25 07:11	1
Dibenz(a,h)anthracene	0.033	U	0.033	0.014	mg/Kg		10/07/25 21:44	10/08/25 07:11	1
Dibenzofuran	0.33	U	0.33	0.011	mg/Kg		10/07/25 21:44	10/08/25 07:11	1
Diethyl phthalate	0.33	U	0.33	0.011	mg/Kg		10/07/25 21:44	10/08/25 07:11	1
Dimethyl phthalate	0.33	U	0.33	0.075	mg/Kg		10/07/25 21:44	10/08/25 07:11	1
Di-n-butyl phthalate	0.33	U	0.33	0.012	mg/Kg		10/07/25 21:44	10/08/25 07:11	1
Di-n-octyl phthalate	0.33	U	0.33	0.018	mg/Kg		10/07/25 21:44	10/08/25 07:11	1
Fluoranthene	0.33	U	0.33	0.012	mg/Kg		10/07/25 21:44	10/08/25 07:11	1
Fluorene	0.33	U	0.33	0.0097	mg/Kg		10/07/25 21:44	10/08/25 07:11	1
Hexachlorobenzene	0.033	U	0.033	0.016	mg/Kg		10/07/25 21:44	10/08/25 07:11	1
Hexachlorobutadiene	0.067	U	0.067	0.0070	mg/Kg		10/07/25 21:44	10/08/25 07:11	1
Hexachlorocyclopentadiene	0.33	U	0.33	0.029	mg/Kg		10/07/25 21:44	10/08/25 07:11	1
Hexachloroethane	0.033	U	0.033	0.011	mg/Kg		10/07/25 21:44	10/08/25 07:11	1
Indeno[1,2,3-cd]pyrene	0.033	U	0.033	0.013	mg/Kg		10/07/25 21:44	10/08/25 07:11	1
Isophorone	0.13	U	0.13	0.096	mg/Kg		10/07/25 21:44	10/08/25 07:11	1
Naphthalene	0.33	U	0.33	0.0057	mg/Kg		10/07/25 21:44	10/08/25 07:11	1
Nitrobenzene	0.033	U	0.033	0.018	mg/Kg		10/07/25 21:44	10/08/25 07:11	1
N-Nitrosodi-n-propylamine	0.033	U	0.033	0.024	mg/Kg		10/07/25 21:44	10/08/25 07:11	1
N-Nitrosodiphenylamine	0.33	U	0.33	0.027	mg/Kg		10/07/25 21:44	10/08/25 07:11	1
Pentachlorophenol	0.27	U	0.27	0.068	mg/Kg		10/07/25 21:44	10/08/25 07:11	1
Phenanthrene	0.33	U	0.33	0.014	mg/Kg		10/07/25 21:44	10/08/25 07:11	1
Phenol	0.33	U	0.33	0.012	mg/Kg		10/07/25 21:44	10/08/25 07:11	1
Pyrene	0.33	U	0.33	0.0082	mg/Kg		10/07/25 21:44	10/08/25 07:11	1

Surrogate	*MB %Recovery*	*MB Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
2,4,6-Tribromophenol (Surr)	*68*		*18 - 137*	*10/07/25 21:44*	*10/08/25 07:11*	*1*
2-Fluorobiphenyl	*65*		*33 - 117*	*10/07/25 21:44*	*10/08/25 07:11*	*1*
2-Fluorophenol (Surr)	*65*		*24 - 120*	*10/07/25 21:44*	*10/08/25 07:11*	*1*
Nitrobenzene-d5 (Surr)	*58*		*27 - 120*	*10/07/25 21:44*	*10/08/25 07:11*	*1*
Phenol-d5 (Surr)	*62*		*28 - 118*	*10/07/25 21:44*	*10/08/25 07:11*	*1*
Terphenyl-d14 (Surr)	*66*		*33 - 124*	*10/07/25 21:44*	*10/08/25 07:11*	*1*

Lab Sample ID: LCS 460-1066619/2-A
Matrix: Solid
Analysis Batch: 1066663

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 1066619

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
1,1'-Biphenyl	3.33	2.62		mg/Kg		79	64 - 120
1,2,4,5-Tetrachlorobenzene	3.33	2.72		mg/Kg		82	60 - 120
1,4-Dioxane	3.33	2.04		mg/Kg		61	31 - 105
2,2'-oxybis[1-chloropropane]	3.33	1.96		mg/Kg		59	50 - 126
2,3,4,6-Tetrachlorophenol	3.33	2.74		mg/Kg		82	62 - 120

Method: 8270E - Semivolatile Organic Compounds (GC/MS) (Continued)

Lab Sample ID: LCS 460-1066619/2-A
Matrix: Solid
Analysis Batch: 1066663

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 1066619

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
2,4,5-Trichlorophenol	3.33	2.73		mg/Kg		82	64 - 120
2,4,6-Trichlorophenol	3.33	2.74		mg/Kg		82	65 - 120
2,4-Dichlorophenol	3.33	2.94		mg/Kg		88	66 - 120
2,4-Dimethylphenol	3.33	2.76		mg/Kg		83	75 - 136
2,4-Dinitrophenol	6.67	6.05		mg/Kg		91	41 - 120
2,4-Dinitrotoluene	3.33	2.75		mg/Kg		82	65 - 124
2,6-Dinitrotoluene	3.33	2.77		mg/Kg		83	67 - 121
2-Chloronaphthalene	3.33	2.64		mg/Kg		79	64 - 120
2-Chlorophenol	3.33	2.80		mg/Kg		84	63 - 120
2-Methylnaphthalene	3.33	2.75		mg/Kg		83	56 - 102
2-Methylphenol	3.33	2.69		mg/Kg		81	63 - 120
2-Nitroaniline	3.33	2.20		mg/Kg		66	52 - 120
2-Nitrophenol	3.33	2.84		mg/Kg		85	64 - 120
3 & 4 Methylphenol	3.33	2.69		mg/Kg		81	61 - 120
3,3'-Dichlorobenzidine	3.33	1.60		mg/Kg		48	10 - 106
3-Nitroaniline	3.33	2.08		mg/Kg		63	18 - 105
4,6-Dinitro-2-methylphenol	6.67	5.97		mg/Kg		90	61 - 127
4-Bromophenyl phenyl ether	3.33	2.95		mg/Kg		88	64 - 120
4-Chloro-3-methylphenol	3.33	2.71		mg/Kg		81	68 - 120
4-Chloroaniline	3.33	1.90		mg/Kg		57	10 - 107
4-Chlorophenyl phenyl ether	3.33	2.67		mg/Kg		80	62 - 120
4-Methylphenol	3.33	2.69		mg/Kg		81	61 - 120
4-Nitroaniline	3.33	2.29		mg/Kg		69	51 - 112
4-Nitrophenol	6.67	4.45		mg/Kg		67	52 - 122
Acenaphthene	3.33	2.37		mg/Kg		71	65 - 120
Acenaphthylene	3.33	2.61		mg/Kg		78	68 - 120
Acetophenone	3.33	2.60		mg/Kg		78	61 - 111
Anthracene	3.33	2.74		mg/Kg		82	67 - 120
Atrazine	1.33	1.26		mg/Kg		94	52 - 150
Benzaldehyde	1.33	1.06		mg/Kg		79	45 - 150
Benzo[a]anthracene	3.33	2.71		mg/Kg		81	66 - 120
Benzo[a]pyrene	3.33	2.70		mg/Kg		81	69 - 123
Benzo[b]fluoranthene	3.33	2.63		mg/Kg		79	66 - 125
Benzo[g,h,i]perylene	3.33	2.65		mg/Kg		80	66 - 138
Benzo[k]fluoranthene	3.33	2.59		mg/Kg		78	67 - 122
Bis(2-chloroethoxy)methane	3.33	2.50		mg/Kg		75	62 - 120
Bis(2-chloroethyl)ether	3.33	2.50		mg/Kg		75	60 - 120
Bis(2-ethylhexyl) phthalate	3.33	2.66		mg/Kg		80	64 - 125
Butyl benzyl phthalate	3.33	2.78		mg/Kg		84	62 - 127
Caprolactam	1.33	0.948		mg/Kg		71	46 - 150
Carbazole	3.33	2.68		mg/Kg		80	64 - 120
Chrysene	3.33	2.77		mg/Kg		83	67 - 120
Dibenz(a,h)anthracene	3.33	2.80		mg/Kg		84	66 - 128
Dibenzofuran	3.33	2.60		mg/Kg		78	61 - 120
Diethyl phthalate	3.33	2.55		mg/Kg		76	63 - 120
Dimethyl phthalate	3.33	2.64		mg/Kg		79	65 - 120
Di-n-butyl phthalate	3.33	2.87		mg/Kg		86	61 - 120
Di-n-octyl phthalate	3.33	2.53		mg/Kg		76	61 - 123
Fluoranthene	3.33	2.74		mg/Kg		82	61 - 120

Method: 8270E - Semivolatile Organic Compounds (GC/MS) (Continued)

Lab Sample ID: LCS 460-1066619/2-A
Matrix: Solid
Analysis Batch: 1066663

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 1066619

Analyte			Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits		
Fluorene			3.33	2.56		mg/Kg		77	64 - 120		
Hexachlorobenzene			3.33	3.01		mg/Kg		90	66 - 120		
Hexachlorobutadiene			3.33	2.90		mg/Kg		87	62 - 120		
Hexachlorocyclopentadiene			3.33	2.69		mg/Kg		81	32 - 150		
Hexachloroethane			3.33	2.55		mg/Kg		77	61 - 112		
Indeno[1,2,3-cd]pyrene			3.33	2.79		mg/Kg		84	63 - 137		
Isophorone			3.33	2.43		mg/Kg		73	61 - 120		
Naphthalene			3.33	2.70		mg/Kg		81	63 - 113		
Nitrobenzene			3.33	2.70		mg/Kg		81	63 - 120		
N-Nitrosodi-n-propylamine			3.33	2.33		mg/Kg		70	60 - 120		
N-Nitrosodiphenylamine			3.33	2.69		mg/Kg		81	63 - 120		
Pentachlorophenol			6.67	5.87		mg/Kg		88	61 - 126		
Phenanthrene			3.33	2.70		mg/Kg		81	66 - 120		
Phenol			3.33	2.74		mg/Kg		82	63 - 120		
Pyrene			3.33	2.72		mg/Kg		82	61 - 121		

Surrogate	*LCS %Recovery*	*LCS Qualifier*	*Limits*
2,4,6-Tribromophenol (Surr)	*81*		*18 - 137*
2-Fluorobiphenyl	*74*		*33 - 117*
2-Fluorophenol (Surr)	*75*		*24 - 120*
Nitrobenzene-d5 (Surr)	*68*		*27 - 120*
Phenol-d5 (Surr)	*71*		*28 - 118*
Terphenyl-d14 (Surr)	*77*		*33 - 124*

Lab Sample ID: LCSD 460-1066619/3-A
Matrix: Solid
Analysis Batch: 1066663

Client Sample ID: Lab Control Sample Dup
Prep Type: Total/NA
Prep Batch: 1066619

Analyte			Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
1,1'-Biphenyl			3.33	2.74		mg/Kg		82	64 - 120	4	30
1,2,4,5-Tetrachlorobenzene			3.33	2.88		mg/Kg		86	60 - 120	6	30
1,4-Dioxane			3.33	2.19		mg/Kg		66	31 - 105	7	30
2,2'-oxybis[1-chloropropane]			3.33	2.09		mg/Kg		63	50 - 126	6	30
2,3,4,6-Tetrachlorophenol			3.33	2.93		mg/Kg		88	62 - 120	7	30
2,4,5-Trichlorophenol			3.33	2.90		mg/Kg		87	64 - 120	6	30
2,4,6-Trichlorophenol			3.33	2.91		mg/Kg		87	65 - 120	6	30
2,4-Dichlorophenol			3.33	3.16		mg/Kg		95	66 - 120	7	30
2,4-Dimethylphenol			3.33	2.88		mg/Kg		86	75 - 136	4	30
2,4-Dinitrophenol			6.67	6.35		mg/Kg		95	41 - 120	5	30
2,4-Dinitrotoluene			3.33	2.96		mg/Kg		89	65 - 124	7	30
2,6-Dinitrotoluene			3.33	2.95		mg/Kg		88	67 - 121	6	30
2-Chloronaphthalene			3.33	2.79		mg/Kg		84	64 - 120	6	30
2-Chlorophenol			3.33	2.98		mg/Kg		90	63 - 120	6	30
2-Methylnaphthalene			3.33	2.92		mg/Kg		88	56 - 102	6	30
2-Methylphenol			3.33	2.77		mg/Kg		83	63 - 120	3	30
2-Nitroaniline			3.33	2.40		mg/Kg		72	52 - 120	8	30
2-Nitrophenol			3.33	3.00		mg/Kg		90	64 - 120	6	30
3 & 4 Methylphenol			3.33	2.81		mg/Kg		84	61 - 120	4	30

Method: 8270E - Semivolatile Organic Compounds (GC/MS) (Continued)

Lab Sample ID: LCSD 460-1066619/3-A
Matrix: Solid
Analysis Batch: 1066663

Client Sample ID: Lab Control Sample Dup
Prep Type: Total/NA
Prep Batch: 1066619

Analyte	Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
3,3'-Dichlorobenzidine	3.33	1.75		mg/Kg		52	10 - 106	9	30
3-Nitroaniline	3.33	2.31		mg/Kg		69	18 - 105	10	30
4,6-Dinitro-2-methylphenol	6.67	6.43		mg/Kg		97	61 - 127	8	30
4-Bromophenyl phenyl ether	3.33	3.16		mg/Kg		95	64 - 120	7	30
4-Chloro-3-methylphenol	3.33	2.84		mg/Kg		85	68 - 120	5	30
4-Chloroaniline	3.33	2.06		mg/Kg		62	10 - 107	8	30
4-Chlorophenyl phenyl ether	3.33	2.81		mg/Kg		84	62 - 120	5	30
4-Methylphenol	3.33	2.81		mg/Kg		84	61 - 120	4	30
4-Nitroaniline	3.33	2.58		mg/Kg		77	51 - 112	12	30
4-Nitrophenol	6.67	4.68		mg/Kg		70	52 - 122	5	30
Acenaphthene	3.33	2.56		mg/Kg		77	65 - 120	8	30
Acenaphthylene	3.33	2.81		mg/Kg		84	68 - 120	7	30
Acetophenone	3.33	2.75		mg/Kg		82	61 - 111	6	30
Anthracene	3.33	2.90		mg/Kg		87	67 - 120	6	30
Atrazine	1.33	1.27		mg/Kg		95	52 - 150	1	30
Benzaldehyde	1.33	1.04		mg/Kg		78	45 - 150	1	30
Benzo[a]anthracene	3.33	2.90		mg/Kg		87	66 - 120	7	30
Benzo[a]pyrene	3.33	2.83		mg/Kg		85	69 - 123	5	30
Benzo[b]fluoranthene	3.33	2.78		mg/Kg		83	66 - 125	5	30
Benzo[g,h,i]perylene	3.33	2.79		mg/Kg		84	66 - 138	5	30
Benzo[k]fluoranthene	3.33	2.73		mg/Kg		82	67 - 122	5	30
Bis(2-chloroethoxy)methane	3.33	2.64		mg/Kg		79	62 - 120	5	30
Bis(2-chloroethyl)ether	3.33	2.62		mg/Kg		79	60 - 120	5	30
Bis(2-ethylhexyl) phthalate	3.33	2.80		mg/Kg		84	64 - 125	5	30
Butyl benzyl phthalate	3.33	2.90		mg/Kg		87	62 - 127	4	30
Caprolactam	1.33	0.887		mg/Kg		67	46 - 150	7	30
Carbazole	3.33	2.87		mg/Kg		86	64 - 120	7	30
Chrysene	3.33	2.92		mg/Kg		88	67 - 120	5	30
Dibenz(a,h)anthracene	3.33	2.94		mg/Kg		88	66 - 128	5	30
Dibenzofuran	3.33	2.82		mg/Kg		85	61 - 120	8	30
Diethyl phthalate	3.33	2.71		mg/Kg		81	63 - 120	6	30
Dimethyl phthalate	3.33	2.81		mg/Kg		84	65 - 120	6	30
Di-n-butyl phthalate	3.33	3.00		mg/Kg		90	61 - 120	5	30
Di-n-octyl phthalate	3.33	2.68		mg/Kg		80	61 - 123	6	30
Fluoranthene	3.33	2.94		mg/Kg		88	61 - 120	7	30
Fluorene	3.33	2.73		mg/Kg		82	64 - 120	6	30
Hexachlorobenzene	3.33	3.20		mg/Kg		96	66 - 120	6	30
Hexachlorobutadiene	3.33	3.16		mg/Kg		95	62 - 120	9	30
Hexachlorocyclopentadiene	3.33	2.90		mg/Kg		87	32 - 150	8	30
Hexachloroethane	3.33	2.66		mg/Kg		80	61 - 112	4	30
Indeno[1,2,3-cd]pyrene	3.33	2.95		mg/Kg		89	63 - 137	6	30
Isophorone	3.33	2.55		mg/Kg		77	61 - 120	5	30
Naphthalene	3.33	2.81		mg/Kg		84	63 - 113	4	30
Nitrobenzene	3.33	2.81		mg/Kg		84	63 - 120	4	30
N-Nitrosodi-n-propylamine	3.33	2.48		mg/Kg		74	60 - 120	6	30
N-Nitrosodiphenylamine	3.33	2.90		mg/Kg		87	63 - 120	8	30
Pentachlorophenol	6.67	6.28		mg/Kg		94	61 - 126	7	30
Phenanthrene	3.33	2.93		mg/Kg		88	66 - 120	8	30
Phenol	3.33	2.90		mg/Kg		87	63 - 120	6	30

Method: 8270E - Semivolatile Organic Compounds (GC/MS) (Continued)

Lab Sample ID: LCSD 460-1066619/3-A
Matrix: Solid
Analysis Batch: 1066663

Client Sample ID: Lab Control Sample Dup
Prep Type: Total/NA
Prep Batch: 1066619

Analyte			Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Pyrene			3.33	2.93		mg/Kg		88	61 - 121	8	30

Surrogate	*LCSD %Recovery*	*LCSD Qualifier*	*Limits*
2,4,6-Tribromophenol (Surr)	*84*		*18 - 137*
2-Fluorobiphenyl	*78*		*33 - 117*
2-Fluorophenol (Surr)	*80*		*24 - 120*
Nitrobenzene-d5 (Surr)	*71*		*27 - 120*
Phenol-d5 (Surr)	*75*		*28 - 118*
Terphenyl-d14 (Surr)	*81*		*33 - 124*

Method: 8081B - Organochlorine Pesticides (GC)

Lab Sample ID: MB 460-1066585/1-A
Matrix: Solid
Analysis Batch: 1066658

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 1066585

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
4,4'-DDD	0.0067	U	0.0067	0.0011	mg/Kg		10/07/25 17:46	10/08/25 08:05	1
4,4'-DDD	0.0067	U	0.0067	0.0011	mg/Kg		10/07/25 17:46	10/08/25 08:05	1
4,4'-DDE	0.0067	U	0.0067	0.00079	mg/Kg		10/07/25 17:46	10/08/25 08:05	1
4,4'-DDE	0.0067	U	0.0067	0.00079	mg/Kg		10/07/25 17:46	10/08/25 08:05	1
4,4'-DDT	0.0067	U	0.0067	0.0012	mg/Kg		10/07/25 17:46	10/08/25 08:05	1
4,4'-DDT	0.0067	U	0.0067	0.0012	mg/Kg		10/07/25 17:46	10/08/25 08:05	1
Aldrin	0.0067	U	0.0067	0.0010	mg/Kg		10/07/25 17:46	10/08/25 08:05	1
Aldrin	0.0067	U	0.0067	0.0010	mg/Kg		10/07/25 17:46	10/08/25 08:05	1
alpha-BHC	0.0020	U	0.0020	0.00068	mg/Kg		10/07/25 17:46	10/08/25 08:05	1
alpha-BHC	0.0020	U	0.0020	0.00068	mg/Kg		10/07/25 17:46	10/08/25 08:05	1
beta-BHC	0.0020	U	0.0020	0.00075	mg/Kg		10/07/25 17:46	10/08/25 08:05	1
beta-BHC	0.0020	U	0.0020	0.00075	mg/Kg		10/07/25 17:46	10/08/25 08:05	1
Chlordane (technical)	0.067	U	0.067	0.016	mg/Kg		10/07/25 17:46	10/08/25 08:05	1
Chlordane (technical)	0.067	U	0.067	0.016	mg/Kg		10/07/25 17:46	10/08/25 08:05	1
cis-Chlordane	0.0067	U	0.0067	0.0011	mg/Kg		10/07/25 17:46	10/08/25 08:05	1
cis-Chlordane	0.0067	U	0.0067	0.0011	mg/Kg		10/07/25 17:46	10/08/25 08:05	1
delta-BHC	0.0020	U	0.0020	0.00041	mg/Kg		10/07/25 17:46	10/08/25 08:05	1
delta-BHC	0.0020	U	0.0020	0.00041	mg/Kg		10/07/25 17:46	10/08/25 08:05	1
Dieldrin	0.0020	U	0.0020	0.00087	mg/Kg		10/07/25 17:46	10/08/25 08:05	1
Dieldrin	0.0020	U	0.0020	0.00087	mg/Kg		10/07/25 17:46	10/08/25 08:05	1
Endosulfan I	0.0067	U	0.0067	0.0010	mg/Kg		10/07/25 17:46	10/08/25 08:05	1
Endosulfan I	0.0067	U	0.0067	0.0010	mg/Kg		10/07/25 17:46	10/08/25 08:05	1
Endosulfan II	0.0067	U	0.0067	0.0017	mg/Kg		10/07/25 17:46	10/08/25 08:05	1
Endosulfan II	0.0067	U	0.0067	0.0017	mg/Kg		10/07/25 17:46	10/08/25 08:05	1
Endosulfan sulfate	0.0067	U	0.0067	0.00084	mg/Kg		10/07/25 17:46	10/08/25 08:05	1
Endosulfan sulfate	0.0067	U	0.0067	0.00084	mg/Kg		10/07/25 17:46	10/08/25 08:05	1
Endrin	0.0067	U	0.0067	0.00096	mg/Kg		10/07/25 17:46	10/08/25 08:05	1
Endrin	0.0067	U	0.0067	0.00096	mg/Kg		10/07/25 17:46	10/08/25 08:05	1
Endrin aldehyde	0.0067	U	0.0067	0.0016	mg/Kg		10/07/25 17:46	10/08/25 08:05	1
Endrin aldehyde	0.0067	U	0.0067	0.0016	mg/Kg		10/07/25 17:46	10/08/25 08:05	1
Endrin ketone	0.0067	U	0.0067	0.0013	mg/Kg		10/07/25 17:46	10/08/25 08:05	1
Endrin ketone	0.0067	U	0.0067	0.0013	mg/Kg		10/07/25 17:46	10/08/25 08:05	1

Method: 8081B - Organochlorine Pesticides (GC) (Continued)

Lab Sample ID: MB 460-1066585/1-A
Matrix: Solid
Analysis Batch: 1066658

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 1066585

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
gamma-BHC (Lindane)	0.0020	U	0.0020	0.00062	mg/Kg		10/07/25 17:46	10/08/25 08:05	1
gamma-BHC (Lindane)	0.0020	U	0.0020	0.00062	mg/Kg		10/07/25 17:46	10/08/25 08:05	1
Heptachlor	0.0067	U	0.0067	0.00079	mg/Kg		10/07/25 17:46	10/08/25 08:05	1
Heptachlor	0.0067	U	0.0067	0.00079	mg/Kg		10/07/25 17:46	10/08/25 08:05	1
Heptachlor epoxide	0.0067	U	0.0067	0.0010	mg/Kg		10/07/25 17:46	10/08/25 08:05	1
Heptachlor epoxide	0.0067	U	0.0067	0.0010	mg/Kg		10/07/25 17:46	10/08/25 08:05	1
Methoxychlor	0.0067	U	0.0067	0.0015	mg/Kg		10/07/25 17:46	10/08/25 08:05	1
Methoxychlor	0.0067	U	0.0067	0.0015	mg/Kg		10/07/25 17:46	10/08/25 08:05	1
Toxaphene	0.067	U	0.067	0.024	mg/Kg		10/07/25 17:46	10/08/25 08:05	1
Toxaphene	0.067	U	0.067	0.024	mg/Kg		10/07/25 17:46	10/08/25 08:05	1

Surrogate	*MB %Recovery*	*MB Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
DCB Decachlorobiphenyl	*109*		*10 - 150*	*10/07/25 17:46*	*10/08/25 08:05*	*1*
DCB Decachlorobiphenyl	*113*		*10 - 150*	*10/07/25 17:46*	*10/08/25 08:05*	*1*
Tetrachloro-m-xylene	*93*		*14 - 150*	*10/07/25 17:46*	*10/08/25 08:05*	*1*
Tetrachloro-m-xylene	*93*		*14 - 150*	*10/07/25 17:46*	*10/08/25 08:05*	*1*

Lab Sample ID: LCS 460-1066585/2-A
Matrix: Solid
Analysis Batch: 1066658

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 1066585

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
4,4'-DDD	0.133	0.144		mg/Kg		108	71 - 134
4,4'-DDD	0.133	0.176		mg/Kg		132	71 - 134
4,4'-DDE	0.133	0.153		mg/Kg		115	71 - 137
4,4'-DDE	0.133	0.175		mg/Kg		132	71 - 137
4,4'-DDT	0.133	0.134		mg/Kg		100	69 - 140
4,4'-DDT	0.133	0.158		mg/Kg		119	69 - 140
Aldrin	0.133	0.146		mg/Kg		110	68 - 136
Aldrin	0.133	0.163		mg/Kg		123	68 - 136
alpha-BHC	0.133	0.150		mg/Kg		113	71 - 136
alpha-BHC	0.133	0.166		mg/Kg		125	71 - 136
beta-BHC	0.133	0.150		mg/Kg		112	67 - 133
beta-BHC	0.133	0.160		mg/Kg		120	67 - 133
cis-Chlordane	0.133	0.151		mg/Kg		114	70 - 140
cis-Chlordane	0.133	0.175		mg/Kg		131	70 - 140
delta-BHC	0.133	0.143		mg/Kg		108	70 - 135
delta-BHC	0.133	0.159		mg/Kg		119	70 - 135
Dieldrin	0.133	0.146		mg/Kg		110	71 - 135
Dieldrin	0.133	0.172		mg/Kg		129	71 - 135
Endosulfan I	0.133	0.152		mg/Kg		114	70 - 141
Endosulfan I	0.133	0.176		mg/Kg		132	70 - 141
Endosulfan II	0.133	0.155		mg/Kg		116	75 - 141
Endosulfan II	0.133	0.184		mg/Kg		138	75 - 141
Endosulfan sulfate	0.133	0.141		mg/Kg		106	67 - 130
Endosulfan sulfate	0.133	0.164		mg/Kg		123	67 - 130
Endrin	0.133	0.138		mg/Kg		104	66 - 143
Endrin	0.133	0.177		mg/Kg		133	66 - 143

Method: 8081B - Organochlorine Pesticides (GC) (Continued)

Lab Sample ID: LCS 460-1066585/2-A
Matrix: Solid
Analysis Batch: 1066658

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 1066585

Analyte			Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits		
Endrin aldehyde			0.133	0.154		mg/Kg		116	70 - 132		
Endrin aldehyde			0.133	0.176		mg/Kg		132	70 - 132		
Endrin ketone			0.133	0.150		mg/Kg		113	66 - 137		
Endrin ketone			0.133	0.165		mg/Kg		123	66 - 137		
gamma-BHC (Lindane)			0.133	0.148		mg/Kg		111	71 - 137		
gamma-BHC (Lindane)			0.133	0.163		mg/Kg		122	71 - 137		
Heptachlor			0.133	0.149		mg/Kg		112	70 - 140		
Heptachlor			0.133	0.163		mg/Kg		122	70 - 140		
Heptachlor epoxide			0.133	0.153		mg/Kg		114	70 - 135		
Heptachlor epoxide			0.133	0.172		mg/Kg		129	70 - 135		
Methoxychlor			0.133	0.125		mg/Kg		94	63 - 138		
Methoxychlor			0.133	0.152		mg/Kg		114	63 - 138		

Surrogate	*LCS %Recovery*	*LCS Qualifier*	*Limits*
DCB Decachlorobiphenyl	*95*		*10 - 150*
DCB Decachlorobiphenyl	*109*		*10 - 150*
Tetrachloro-m-xylene	*86*		*14 - 150*
Tetrachloro-m-xylene	*97*		*14 - 150*

Lab Sample ID: LCSD 460-1066585/3-A
Matrix: Solid
Analysis Batch: 1066658

Client Sample ID: Lab Control Sample Dup
Prep Type: Total/NA
Prep Batch: 1066585

Analyte			Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
4,4'-DDD			0.133	0.142		mg/Kg		107	71 - 134	2	30
4,4'-DDD			0.133	0.158		mg/Kg		118	71 - 134	11	30
4,4'-DDE			0.133	0.151		mg/Kg		113	71 - 137	1	30
4,4'-DDE			0.133	0.156		mg/Kg		117	71 - 137	12	30
4,4'-DDT			0.133	0.128		mg/Kg		96	69 - 140	5	30
4,4'-DDT			0.133	0.140		mg/Kg		105	69 - 140	12	30
Aldrin			0.133	0.141		mg/Kg		106	68 - 136	3	30
Aldrin			0.133	0.145		mg/Kg		109	68 - 136	12	30
alpha-BHC			0.133	0.149		mg/Kg		112	71 - 136	1	30
alpha-BHC			0.133	0.149		mg/Kg		111	71 - 136	11	30
beta-BHC			0.133	0.147		mg/Kg		111	67 - 133	2	30
beta-BHC			0.133	0.142		mg/Kg		107	67 - 133	12	30
cis-Chlordane			0.133	0.149		mg/Kg		112	70 - 140	1	30
cis-Chlordane			0.133	0.156		mg/Kg		117	70 - 140	11	30
delta-BHC			0.133	0.143		mg/Kg		107	70 - 135	0	30
delta-BHC			0.133	0.143		mg/Kg		107	70 - 135	11	30
Dieldrin			0.133	0.145		mg/Kg		109	71 - 135	1	30
Dieldrin			0.133	0.154		mg/Kg		115	71 - 135	11	30
Endosulfan I			0.133	0.151		mg/Kg		113	70 - 141	0	30
Endosulfan I			0.133	0.157		mg/Kg		118	70 - 141	11	30
Endosulfan II			0.133	0.154		mg/Kg		115	75 - 141	1	30
Endosulfan II			0.133	0.165		mg/Kg		124	75 - 141	11	30
Endosulfan sulfate			0.133	0.137		mg/Kg		103	67 - 130	3	30
Endosulfan sulfate			0.133	0.148		mg/Kg		111	67 - 130	10	30

Method: 8081B - Organochlorine Pesticides (GC) (Continued)

Lab Sample ID: LCSD 460-1066585/3-A
Matrix: Solid
Analysis Batch: 1066658

Client Sample ID: Lab Control Sample Dup
Prep Type: Total/NA
Prep Batch: 1066585

Analyte			Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Endrin			0.133	0.134		mg/Kg		101	66 - 143	3	30
Endrin			0.133	0.157		mg/Kg		118	66 - 143	12	30
Endrin aldehyde			0.133	0.151		mg/Kg		113	70 - 132	2	30
Endrin aldehyde			0.133	0.157		mg/Kg		118	70 - 132	11	30
Endrin ketone			0.133	0.152		mg/Kg		114	66 - 137	1	30
Endrin ketone			0.133	0.148		mg/Kg		111	66 - 137	10	30
gamma-BHC (Lindane)			0.133	0.147		mg/Kg		110	71 - 137	1	30
gamma-BHC (Lindane)			0.133	0.146		mg/Kg		110	71 - 137	11	30
Heptachlor			0.133	0.145		mg/Kg		109	70 - 140	3	30
Heptachlor			0.133	0.144		mg/Kg		108	70 - 140	12	30
Heptachlor epoxide			0.133	0.150		mg/Kg		113	70 - 135	2	30
Heptachlor epoxide			0.133	0.153		mg/Kg		115	70 - 135	11	30
Methoxychlor			0.133	0.121		mg/Kg		91	63 - 138	4	30
Methoxychlor			0.133	0.134		mg/Kg		100	63 - 138	13	30

Surrogate	*LCSD %Recovery*	*LCSD Qualifier*	*Limits*
DCB Decachlorobiphenyl	*93*		*10 - 150*
DCB Decachlorobiphenyl	*94*		*10 - 150*
Tetrachloro-m-xylene	*79*		*14 - 150*
Tetrachloro-m-xylene	*80*		*14 - 150*

Lab Sample ID: 460-336556-1 MS
Matrix: Solid
Analysis Batch: 1066658

Client Sample ID: 48A_0-3
Prep Type: Total/NA
Prep Batch: 1066585

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec Limits
4,4'-DDD	0.0070	U	0.139	0.150		mg/Kg	☼	108	71 - 134
4,4'-DDD	0.0070	U	0.139	0.163		mg/Kg	☼	118	71 - 134
4,4'-DDE	0.0070	U	0.139	0.161		mg/Kg	☼	116	71 - 137
4,4'-DDE	0.0070	U	0.139	0.160		mg/Kg	☼	115	71 - 137
4,4'-DDT	0.0070	U	0.139	0.143		mg/Kg	☼	103	69 - 140
4,4'-DDT	0.0070	U	0.139	0.147		mg/Kg	☼	106	69 - 140
Aldrin	0.0070	U	0.139	0.155		mg/Kg	☼	112	68 - 136
Aldrin	0.0070	U	0.139	0.153		mg/Kg	☼	110	68 - 136
alpha-BHC	0.0021	U	0.139	0.159		mg/Kg	☼	115	71 - 136
alpha-BHC	0.0021	U	0.139	0.159		mg/Kg	☼	115	71 - 136
beta-BHC	0.0021	U	0.139	0.158		mg/Kg	☼	114	67 - 133
beta-BHC	0.0021	U	0.139	0.151		mg/Kg	☼	109	67 - 133
cis-Chlordane	0.0070	U	0.139	0.161		mg/Kg	☼	116	70 - 140
cis-Chlordane	0.0070	U	0.139	0.162		mg/Kg	☼	117	70 - 140
delta-BHC	0.0021	U	0.139	0.156		mg/Kg	☼	112	70 - 135
delta-BHC	0.0021	U	0.139	0.152		mg/Kg	☼	109	70 - 135
Dieldrin	0.0021	U	0.139	0.155		mg/Kg	☼	112	71 - 135
Dieldrin	0.0021	U	0.139	0.160		mg/Kg	☼	115	71 - 135
Endosulfan I	0.0070	U	0.139	0.163		mg/Kg	☼	117	70 - 141
Endosulfan I	0.0070	U	0.139	0.163		mg/Kg	☼	117	70 - 141
Endosulfan II	0.0070	U	0.139	0.162		mg/Kg	☼	117	75 - 141
Endosulfan II	0.0070	U	0.139	0.169		mg/Kg	☼	122	75 - 141

Method: 8081B - Organochlorine Pesticides (GC) (Continued)

Lab Sample ID: 460-336556-1 MS
Matrix: Solid
Analysis Batch: 1066658

Client Sample ID: 48A_0-3
Prep Type: Total/NA
Prep Batch: 1066585

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec Limits
Endosulfan sulfate	0.0070	U	0.139	0.148		mg/Kg	☼	107	67 - 130
Endosulfan sulfate	0.0070	U	0.139	0.148		mg/Kg	☼	106	67 - 130
Endrin	0.0070	U	0.139	0.144		mg/Kg	☼	104	66 - 143
Endrin	0.0070	U	0.139	0.165		mg/Kg	☼	119	66 - 143
Endrin aldehyde	0.0070	U	0.139	0.163		mg/Kg	☼	117	70 - 132
Endrin aldehyde	0.0070	U	0.139	0.158		mg/Kg	☼	114	70 - 132
Endrin ketone	0.0070	U	0.139	0.164		mg/Kg	☼	118	66 - 137
Endrin ketone	0.0070	U	0.139	0.152		mg/Kg	☼	110	66 - 137
gamma-BHC (Lindane)	0.0021	U	0.139	0.158		mg/Kg	☼	113	71 - 137
gamma-BHC (Lindane)	0.0021	U	0.139	0.155		mg/Kg	☼	111	71 - 137
Heptachlor	0.0070	U	0.139	0.156		mg/Kg	☼	112	70 - 140
Heptachlor	0.0070	U	0.139	0.153		mg/Kg	☼	110	70 - 140
Heptachlor epoxide	0.0070	U	0.139	0.161		mg/Kg	☼	116	70 - 135
Heptachlor epoxide	0.0070	U	0.139	0.160		mg/Kg	☼	115	70 - 135
Methoxychlor	0.0070	U	0.139	0.139		mg/Kg	☼	100	63 - 138
Methoxychlor	0.0070	U	0.139	0.141		mg/Kg	☼	102	63 - 138

Surrogate	*MS %Recovery*	*MS Qualifier*	*Limits*
DCB Decachlorobiphenyl	*105*		*10 - 150*
DCB Decachlorobiphenyl	*98*		*10 - 150*
Tetrachloro-m-xylene	*89*		*14 - 150*
Tetrachloro-m-xylene	*91*		*14 - 150*

Lab Sample ID: 460-336556-1 MSD
Matrix: Solid
Analysis Batch: 1066658

Client Sample ID: 48A_0-3
Prep Type: Total/NA
Prep Batch: 1066585

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
4,4'-DDD	0.0070	U	0.139	0.145		mg/Kg	☼	104	71 - 134	4	30
4,4'-DDD	0.0070	U	0.139	0.165		mg/Kg	☼	119	71 - 134	1	30
4,4'-DDE	0.0070	U	0.139	0.153		mg/Kg	☼	110	71 - 137	5	30
4,4'-DDE	0.0070	U	0.139	0.161		mg/Kg	☼	116	71 - 137	0	30
4,4'-DDT	0.0070	U	0.139	0.134		mg/Kg	☼	97	69 - 140	6	30
4,4'-DDT	0.0070	U	0.139	0.149		mg/Kg	☼	107	69 - 140	1	30
Aldrin	0.0070	U	0.139	0.146		mg/Kg	☼	105	68 - 136	6	30
Aldrin	0.0070	U	0.139	0.152		mg/Kg	☼	110	68 - 136	0	30
alpha-BHC	0.0021	U	0.139	0.153		mg/Kg	☼	110	71 - 136	4	30
alpha-BHC	0.0021	U	0.139	0.160		mg/Kg	☼	115	71 - 136	0	30
beta-BHC	0.0021	U	0.139	0.151		mg/Kg	☼	109	67 - 133	4	30
beta-BHC	0.0021	U	0.139	0.151		mg/Kg	☼	109	67 - 133	0	30
cis-Chlordane	0.0070	U	0.139	0.152		mg/Kg	☼	110	70 - 140	6	30
cis-Chlordane	0.0070	U	0.139	0.162		mg/Kg	☼	117	70 - 140	0	30
delta-BHC	0.0021	U	0.139	0.147		mg/Kg	☼	106	70 - 135	6	30
delta-BHC	0.0021	U	0.139	0.153		mg/Kg	☼	110	70 - 135	0	30
Dieldrin	0.0021	U	0.139	0.147		mg/Kg	☼	106	71 - 135	5	30
Dieldrin	0.0021	U	0.139	0.160		mg/Kg	☼	115	71 - 135	0	30
Endosulfan I	0.0070	U	0.139	0.152		mg/Kg	☼	110	70 - 141	6	30
Endosulfan I	0.0070	U	0.139	0.163		mg/Kg	☼	117	70 - 141	0	30

Method: 8081B - Organochlorine Pesticides (GC) (Continued)

Lab Sample ID: 460-336556-1 MSD
Matrix: Solid
Analysis Batch: 1066658

Client Sample ID: 48A_0-3
Prep Type: Total/NA
Prep Batch: 1066585

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Endosulfan II	0.0070	U	0.139	0.155		mg/Kg	☼	111	75 - 141	5	30
Endosulfan II	0.0070	U	0.139	0.171		mg/Kg	☼	123	75 - 141	1	30
Endosulfan sulfate	0.0070	U	0.139	0.140		mg/Kg	☼	101	67 - 130	6	30
Endosulfan sulfate	0.0070	U	0.139	0.152		mg/Kg	☼	109	67 - 130	3	30
Endrin	0.0070	U	0.139	0.138		mg/Kg	☼	99	66 - 143	5	30
Endrin	0.0070	U	0.139	0.165		mg/Kg	☼	119	66 - 143	0	30
Endrin aldehyde	0.0070	U	0.139	0.152		mg/Kg	☼	109	70 - 132	7	30
Endrin aldehyde	0.0070	U	0.139	0.162		mg/Kg	☼	117	70 - 132	3	30
Endrin ketone	0.0070	U	0.139	0.153		mg/Kg	☼	110	66 - 137	7	30
Endrin ketone	0.0070	U	0.139	0.155		mg/Kg	☼	112	66 - 137	2	30
gamma-BHC (Lindane)	0.0021	U	0.139	0.151		mg/Kg	☼	109	71 - 137	4	30
gamma-BHC (Lindane)	0.0021	U	0.139	0.156		mg/Kg	☼	112	71 - 137	1	30
Heptachlor	0.0070	U	0.139	0.149		mg/Kg	☼	108	70 - 140	4	30
Heptachlor	0.0070	U	0.139	0.152		mg/Kg	☼	110	70 - 140	0	30
Heptachlor epoxide	0.0070	U	0.139	0.151		mg/Kg	☼	109	70 - 135	6	30
Heptachlor epoxide	0.0070	U	0.139	0.161		mg/Kg	☼	116	70 - 135	0	30
Methoxychlor	0.0070	U	0.139	0.132		mg/Kg	☼	95	63 - 138	5	30
Methoxychlor	0.0070	U	0.139	0.146		mg/Kg	☼	105	63 - 138	3	30

Surrogate	*MSD %Recovery*	*MSD Qualifier*	*Limits*
DCB Decachlorobiphenyl	*100*		*10 - 150*
DCB Decachlorobiphenyl	*101*		*10 - 150*
Tetrachloro-m-xylene	*83*		*14 - 150*
Tetrachloro-m-xylene	*90*		*14 - 150*

Method: 8082A - Polychlorinated Biphenyls (PCBs) by Gas Chromatography

Lab Sample ID: MB 460-1066582/1-A
Matrix: Solid
Analysis Batch: 1066698

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 1066582

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Aroclor 1016	0.067	U	0.067	0.018	mg/Kg		10/07/25 17:40	10/08/25 08:59	1
Aroclor 1016	0.067	U	0.067	0.018	mg/Kg		10/07/25 17:40	10/08/25 08:59	1
Aroclor 1221	0.067	U	0.067	0.018	mg/Kg		10/07/25 17:40	10/08/25 08:59	1
Aroclor 1221	0.067	U	0.067	0.018	mg/Kg		10/07/25 17:40	10/08/25 08:59	1
Aroclor 1232	0.067	U	0.067	0.018	mg/Kg		10/07/25 17:40	10/08/25 08:59	1
Aroclor 1232	0.067	U	0.067	0.018	mg/Kg		10/07/25 17:40	10/08/25 08:59	1
Aroclor 1242	0.067	U	0.067	0.018	mg/Kg		10/07/25 17:40	10/08/25 08:59	1
Aroclor 1242	0.067	U	0.067	0.018	mg/Kg		10/07/25 17:40	10/08/25 08:59	1
Aroclor 1248	0.067	U	0.067	0.018	mg/Kg		10/07/25 17:40	10/08/25 08:59	1
Aroclor 1248	0.067	U	0.067	0.018	mg/Kg		10/07/25 17:40	10/08/25 08:59	1
Aroclor 1254	0.067	U	0.067	0.018	mg/Kg		10/07/25 17:40	10/08/25 08:59	1
Aroclor 1254	0.067	U	0.067	0.018	mg/Kg		10/07/25 17:40	10/08/25 08:59	1
Aroclor 1260	0.067	U	0.067	0.018	mg/Kg		10/07/25 17:40	10/08/25 08:59	1
Aroclor 1260	0.067	U	0.067	0.018	mg/Kg		10/07/25 17:40	10/08/25 08:59	1
Aroclor-1262	0.067	U	0.067	0.018	mg/Kg		10/07/25 17:40	10/08/25 08:59	1
Aroclor-1262	0.067	U	0.067	0.018	mg/Kg		10/07/25 17:40	10/08/25 08:59	1
Aroclor 1268	0.067	U	0.067	0.018	mg/Kg		10/07/25 17:40	10/08/25 08:59	1

Method: 8082A - Polychlorinated Biphenyls (PCBs) by Gas Chromatography (Continued)

Lab Sample ID: MB 460-1066582/1-A
Matrix: Solid
Analysis Batch: 1066698

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 1066582

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Aroclor 1268	0.067	U	0.067	0.018	mg/Kg		10/07/25 17:40	10/08/25 08:59	1
Polychlorinated biphenyls, Total	0.067	U	0.067	0.018	mg/Kg		10/07/25 17:40	10/08/25 08:59	1
Polychlorinated biphenyls, Total	0.067	U	0.067	0.018	mg/Kg		10/07/25 17:40	10/08/25 08:59	1

Surrogate	*MB %Recovery*	*MB Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
DCB Decachlorobiphenyl	*83*		*10 - 150*	*10/07/25 17:40*	*10/08/25 08:59*	*1*
DCB Decachlorobiphenyl	*94*		*10 - 150*	*10/07/25 17:40*	*10/08/25 08:59*	*1*
Tetrachloro-m-xylene	*68*		*10 - 150*	*10/07/25 17:40*	*10/08/25 08:59*	*1*
Tetrachloro-m-xylene	*74*		*10 - 150*	*10/07/25 17:40*	*10/08/25 08:59*	*1*

Lab Sample ID: LCS 460-1066582/2-A
Matrix: Solid
Analysis Batch: 1066698

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 1066582

Analyte			Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits		
Aroclor 1016			0.333	0.229		mg/Kg		69	59 - 149		
Aroclor 1016			0.333	0.269		mg/Kg		81	59 - 149		
Aroclor 1260			0.333	0.242		mg/Kg		73	62 - 145		
Aroclor 1260			0.333	0.275		mg/Kg		83	62 - 145		

Surrogate	*LCS %Recovery*	*LCS Qualifier*	*Limits*
DCB Decachlorobiphenyl	*91*		*10 - 150*
DCB Decachlorobiphenyl	*103*		*10 - 150*
Tetrachloro-m-xylene	*72*		*10 - 150*
Tetrachloro-m-xylene	*76*		*10 - 150*

Lab Sample ID: LCSD 460-1066582/3-A
Matrix: Solid
Analysis Batch: 1066698

Client Sample ID: Lab Control Sample Dup
Prep Type: Total/NA
Prep Batch: 1066582

Analyte			Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Aroclor 1016			0.333	0.264		mg/Kg		79	59 - 149	14	30
Aroclor 1016			0.333	0.279		mg/Kg		84	59 - 149	4	30
Aroclor 1260			0.333	0.269		mg/Kg		81	62 - 145	11	30
Aroclor 1260			0.333	0.295		mg/Kg		88	62 - 145	7	30

Surrogate	*LCSD %Recovery*	*LCSD Qualifier*	*Limits*
DCB Decachlorobiphenyl	*99*		*10 - 150*
DCB Decachlorobiphenyl	*110*		*10 - 150*
Tetrachloro-m-xylene	*79*		*10 - 150*
Tetrachloro-m-xylene	*82*		*10 - 150*

Lab Sample ID: 460-336556-1 MS
Matrix: Solid
Analysis Batch: 1066698

Client Sample ID: 48A_0-3
Prep Type: Total/NA
Prep Batch: 1066582

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec Limits		
Aroclor 1016	0.070	U	0.347	0.250		mg/Kg	☼	72	59 - 149		

Method: 8082A - Polychlorinated Biphenyls (PCBs) by Gas Chromatography (Continued)

Lab Sample ID: 460-336556-1 MS
Matrix: Solid
Analysis Batch: 1066698

Client Sample ID: 48A_0-3
Prep Type: Total/NA
Prep Batch: 1066582

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec Limits
Aroclor 1016	0.070	U	0.347	0.275		mg/Kg	☼	79	59 - 149
Aroclor 1260	0.070	U	0.347	0.259		mg/Kg	☼	75	62 - 145
Aroclor 1260	0.070	U	0.347	0.293		mg/Kg	☼	84	62 - 145

Surrogate	*MS %Recovery*	*MS Qualifier*	*Limits*
DCB Decachlorobiphenyl	*97*		*10 - 150*
DCB Decachlorobiphenyl	*112*		*10 - 150*
Tetrachloro-m-xylene	*75*		*10 - 150*
Tetrachloro-m-xylene	*81*		*10 - 150*

Lab Sample ID: 460-336556-1 MSD
Matrix: Solid
Analysis Batch: 1066698

Client Sample ID: 48A_0-3
Prep Type: Total/NA
Prep Batch: 1066582

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Aroclor 1016	0.070	U	0.347	0.276		mg/Kg	☼	79	59 - 149	10	30
Aroclor 1016	0.070	U	0.347	0.315		mg/Kg	☼	91	59 - 149	14	30
Aroclor 1260	0.070	U	0.347	0.285		mg/Kg	☼	82	62 - 145	10	30
Aroclor 1260	0.070	U	0.347	0.322		mg/Kg	☼	93	62 - 145	9	30

Surrogate	*MSD %Recovery*	*MSD Qualifier*	*Limits*
DCB Decachlorobiphenyl	*101*		*10 - 150*
DCB Decachlorobiphenyl	*115*		*10 - 150*
Tetrachloro-m-xylene	*79*		*10 - 150*
Tetrachloro-m-xylene	*85*		*10 - 150*

Method: 1633A - Per- and Polyfluoroalkyl Substances by LC/MS/MS, 1633A

Lab Sample ID: MB 410-710924/1-A
Matrix: Solid
Analysis Batch: 710788

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 710924

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Perfluorobutanoic acid (PFBA)	0.40	U	0.40	0.10	ug/Kg		10/08/25 14:13	10/09/25 04:29	1
Perfluoropentanoic acid (PFPeA)	0.20	U	0.20	0.10	ug/Kg		10/08/25 14:13	10/09/25 04:29	1
Perfluorohexanoic acid (PFHxA)	0.20	U	0.20	0.10	ug/Kg		10/08/25 14:13	10/09/25 04:29	1
Perfluoroheptanoic acid (PFHpA)	0.20	U	0.20	0.10	ug/Kg		10/08/25 14:13	10/09/25 04:29	1
Perfluorooctanoic acid (PFOA)	0.20	U	0.20	0.060	ug/Kg		10/08/25 14:13	10/09/25 04:29	1
Perfluorononanoic acid (PFNA)	0.20	U	0.20	0.10	ug/Kg		10/08/25 14:13	10/09/25 04:29	1
Perfluorodecanoic acid (PFDA)	0.20	U	0.20	0.060	ug/Kg		10/08/25 14:13	10/09/25 04:29	1
Perfluoroundecanoic acid (PFUnA)	0.20	U	0.20	0.10	ug/Kg		10/08/25 14:13	10/09/25 04:29	1
Perfluorododecanoic acid (PFDoA)	0.20	U	0.20	0.10	ug/Kg		10/08/25 14:13	10/09/25 04:29	1
Perfluorotridecanoic acid (PFTrDA)	0.20	U	0.20	0.10	ug/Kg		10/08/25 14:13	10/09/25 04:29	1
Perfluorotetradecanoic acid (PFTeDA)	0.20	U	0.20	0.10	ug/Kg		10/08/25 14:13	10/09/25 04:29	1
Perfluorobutanesulfonic acid (PFBS)	0.20	U	0.20	0.10	ug/Kg		10/08/25 14:13	10/09/25 04:29	1
Perfluoropentanesulfonic acid (PFPeS)	0.20	U	0.20	0.10	ug/Kg		10/08/25 14:13	10/09/25 04:29	1
Perfluorohexanesulfonic acid (PFHxS)	0.20	U	0.20	0.10	ug/Kg		10/08/25 14:13	10/09/25 04:29	1

Method: 1633A - Per- and Polyfluoroalkyl Substances by LC/MS/MS, 1633A (Continued)

Lab Sample ID: MB 410-710924/1-A
Matrix: Solid
Analysis Batch: 710788

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 710924

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Perfluoroheptanesulfonic acid (PFHpS)	0.20	U	0.20	0.10	ug/Kg		10/08/25 14:13	10/09/25 04:29	1
Perfluorooctanesulfonic acid (PFOS)	0.20	U	0.20	0.10	ug/Kg		10/08/25 14:13	10/09/25 04:29	1
Perfluorononanesulfonic acid (PFNS)	0.20	U	0.20	0.10	ug/Kg		10/08/25 14:13	10/09/25 04:29	1
Perfluorodecanesulfonic acid (PFDS)	0.20	U	0.20	0.10	ug/Kg		10/08/25 14:13	10/09/25 04:29	1
Perfluorododecanesulfonic acid (PFDoS)	0.20	U	0.20	0.10	ug/Kg		10/08/25 14:13	10/09/25 04:29	1
1H,1H,2H,2H-Perfluorohexane sulfonic acid (4:2 FTS)	0.40	U	0.40	0.20	ug/Kg		10/08/25 14:13	10/09/25 04:29	1
1H,1H,2H,2H-Perfluorooctane sulfonic acid (6:2 FTS)	0.40	U	0.40	0.20	ug/Kg		10/08/25 14:13	10/09/25 04:29	1
1H,1H,2H,2H-Perfluorodecane sulfonic acid (8:2 FTS)	0.40	U	0.40	0.20	ug/Kg		10/08/25 14:13	10/09/25 04:29	1
Perfluorooctanesulfonamide (PFOSA)	0.20	U	0.20	0.10	ug/Kg		10/08/25 14:13	10/09/25 04:29	1
N-methylperfluorooctane sulfonamide (NMeFOSA)	0.20	U	0.20	0.10	ug/Kg		10/08/25 14:13	10/09/25 04:29	1
N-ethylperfluorooctane sulfonamide (NEtFOSA)	0.20	U	0.20	0.10	ug/Kg		10/08/25 14:13	10/09/25 04:29	1
N-methylperfluorooctanesulfonamidoacetic acid (NMeFOSAA)	0.20	U	0.20	0.10	ug/Kg		10/08/25 14:13	10/09/25 04:29	1
N-ethylperfluorooctanesulfonamidoacetic acid (NEtFOSAA)	0.20	U	0.20	0.10	ug/Kg		10/08/25 14:13	10/09/25 04:29	1
N-methylperfluorooctane sulfonamidoethanol (NMeFOSE)	1.00	U	1.00	0.50	ug/Kg		10/08/25 14:13	10/09/25 04:29	1
N-ethylperfluorooctane sulfonamidoethanol (NEtFOSE)	1.00	U	1.00	0.50	ug/Kg		10/08/25 14:13	10/09/25 04:29	1
Hexafluoropropylene Oxide Dimer Acid (HFPO-DA)	0.20	U	0.20	0.10	ug/Kg		10/08/25 14:13	10/09/25 04:29	1
4,8-Dioxa-3H-perfluorononanoic acid (ADONA)	0.20	U	0.20	0.10	ug/Kg		10/08/25 14:13	10/09/25 04:29	1
Perfluoro-3-methoxypropanoic acid (PFMPA)	0.20	U	0.20	0.10	ug/Kg		10/08/25 14:13	10/09/25 04:29	1
Perfluoro-4-methoxybutanoic acid (PFMBA)	0.20	U	0.20	0.10	ug/Kg		10/08/25 14:13	10/09/25 04:29	1
Nonafluoro-3,6-dioxaheptanoic acid (NFDHA)	0.20	U	0.20	0.10	ug/Kg		10/08/25 14:13	10/09/25 04:29	1
9-Chlorohexadecafluoro-3-oxanonane-1-sulfonic acid (9Cl-PF3ONS)	0.20	U	0.20	0.10	ug/Kg		10/08/25 14:13	10/09/25 04:29	1
11-Chloroeicosafluoro-3-oxaundecane-1-sulfonic acid (11Cl-PF3OUdS)	0.20	U	0.20	0.10	ug/Kg		10/08/25 14:13	10/09/25 04:29	1
Perfluoro (2-ethoxyethane) sulfonic acid (PFEESA)	0.20	U	0.20	0.10	ug/Kg		10/08/25 14:13	10/09/25 04:29	1
3-Perfluoropropylpropanoic acid (3:3 FTCA)	0.40	U	0.40	0.20	ug/Kg		10/08/25 14:13	10/09/25 04:29	1
3-Perfluoropentylpropanoic acid (5:3 FTCA)	1.00	U	1.00	0.50	ug/Kg		10/08/25 14:13	10/09/25 04:29	1
3-Perfluoroheptylpropanoic acid (7:3 FTCA)	1.00	U	1.00	0.50	ug/Kg		10/08/25 14:13	10/09/25 04:29	1

Isotope Dilution	*MB %Recovery*	*MB Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
13C4 PFBA	*93.9*		*8 - 130*	*10/08/25 14:13*	*10/09/25 04:29*	*1*
13C5 PFPeA	*86.4*		*35 - 130*	*10/08/25 14:13*	*10/09/25 04:29*	*1*
13C5 PFHxA	*85.4*		*40 - 130*	*10/08/25 14:13*	*10/09/25 04:29*	*1*
13C4 PFHpA	*91.1*		*40 - 130*	*10/08/25 14:13*	*10/09/25 04:29*	*1*

Method: 1633A - Per- and Polyfluoroalkyl Substances by LC/MS/MS, 1633A (Continued)

Lab Sample ID: MB 410-710924/1-A
Matrix: Solid
Analysis Batch: 710788

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 710924

Isotope Dilution	MB %Recovery	MB Qualifier	Limits	Prepared	Analyzed	Dil Fac
13C8 PFOA	86.8		40 - 130	10/08/25 14:13	10/09/25 04:29	1
13C9 PFNA	90.0		40 - 130	10/08/25 14:13	10/09/25 04:29	1
13C6 PFDA	89.2		40 - 130	10/08/25 14:13	10/09/25 04:29	1
13C7 PFUnA	95.2		40 - 130	10/08/25 14:13	10/09/25 04:29	1
13C2 PFTeDA	80.8		20 - 130	10/08/25 14:13	10/09/25 04:29	1
13C3 PFBS	92.4		40 - 135	10/08/25 14:13	10/09/25 04:29	1
13C3 PFHxS	87.4		40 - 130	10/08/25 14:13	10/09/25 04:29	1
13C8 PFOS	82.4		40 - 130	10/08/25 14:13	10/09/25 04:29	1
13C8 FOSA	75.1		40 - 130	10/08/25 14:13	10/09/25 04:29	1
d3-NMeFOSAA	60.6		40 - 135	10/08/25 14:13	10/09/25 04:29	1
d5-NEtFOSAA	96.9		40 - 150	10/08/25 14:13	10/09/25 04:29	1
13C2 4:2 FTS	77.3		40 - 165	10/08/25 14:13	10/09/25 04:29	1
13C2 6:2 FTS	77.3		40 - 215	10/08/25 14:13	10/09/25 04:29	1
13C2 8:2 FTS	68.3		40 - 275	10/08/25 14:13	10/09/25 04:29	1
13C3 HFPO-DA	85.9		40 - 130	10/08/25 14:13	10/09/25 04:29	1
d7-N-MeFOSE-M	64.9		20 - 130	10/08/25 14:13	10/09/25 04:29	1
d9-N-EtFOSE-M	55.8		15 - 130	10/08/25 14:13	10/09/25 04:29	1
d5-NEtPFOSA	55.9		10 - 130	10/08/25 14:13	10/09/25 04:29	1
d3-NMePFOSA	60.2		10 - 130	10/08/25 14:13	10/09/25 04:29	1
13C2 PFDoA	90.0		40 - 130	10/08/25 14:13	10/09/25 04:29	1

Lab Sample ID: LCS 410-710924/2-A
Matrix: Solid
Analysis Batch: 710788

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 710924

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
Perfluorobutanoic acid (PFBA)	5.00	5.506		ug/Kg		110	70 - 140
Perfluoropentanoic acid (PFPeA)	2.50	2.825		ug/Kg		113	60 - 150
Perfluorohexanoic acid (PFHxA)	2.50	2.724		ug/Kg		109	65 - 140
Perfluoroheptanoic acid (PFHpA)	2.50	2.969		ug/Kg		119	65 - 145
Perfluorooctanoic acid (PFOA)	2.50	2.804		ug/Kg		112	70 - 150
Perfluorononanoic acid (PFNA)	2.50	2.485		ug/Kg		99	70 - 155
Perfluorodecanoic acid (PFDA)	2.50	2.976		ug/Kg		119	70 - 155
Perfluoroundecanoic acid (PFUnA)	2.50	2.733		ug/Kg		109	70 - 155
Perfluorododecanoic acid (PFDoA)	2.50	2.784		ug/Kg		111	70 - 150
Perfluorotridecanoic acid (PFTrDA)	2.50	2.940		ug/Kg		118	65 - 150
Perfluorotetradecanoic acid (PFTeDA)	2.50	2.698		ug/Kg		108	65 - 150
Perfluorobutanesulfonic acid (PFBS)	2.22	2.647		ug/Kg		119	65 - 145
Perfluoropentanesulfonic acid (PFPeS)	2.35	2.805		ug/Kg		119	55 - 160
Perfluorohexanesulfonic acid (PFHxS)	2.28	2.451		ug/Kg		108	60 - 150
Perfluoroheptanesulfonic acid (PFHpS)	2.39	2.622		ug/Kg		110	65 - 155
Perfluorooctanesulfonic acid (PFOS)	2.33	2.423		ug/Kg		104	65 - 160

Method: 1633A - Per- and Polyfluoroalkyl Substances by LC/MS/MS, 1633A (Continued)

Lab Sample ID: LCS 410-710924/2-A
Matrix: Solid
Analysis Batch: 710788

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 710924

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
Perfluorononanesulfonic acid (PFNS)	2.41	2.525		ug/Kg		105	55 - 140
Perfluorodecanesulfonic acid (PFDS)	2.41	2.341		ug/Kg		97	40 - 155
Perfluorododecanesulfonic acid (PFDoS)	2.43	2.120		ug/Kg		87	25 - 160
1H,1H,2H,2H-Perfluorohexane sulfonic acid (4:2 FTS)	4.69	5.151		ug/Kg		110	60 - 150
1H,1H,2H,2H-Perfluorooctane sulfonic acid (6:2 FTS)	4.76	5.144		ug/Kg		108	55 - 200
1H,1H,2H,2H-Perfluorodecane sulfonic acid (8:2 FTS)	4.80	5.377		ug/Kg		112	70 - 150
Perfluorooctanesulfonamide (PFOSA)	2.50	2.767		ug/Kg		111	70 - 140
N-methylperfluorooctane sulfonamide (NMeFOSA)	2.50	2.814		ug/Kg		113	70 - 155
N-ethylperfluorooctane sulfonamide (NEtFOSA)	2.50	2.712		ug/Kg		108	70 - 140
N-methylperfluorooctanesulfonamidoacetic acid (NMeFOSAA)	2.50	3.229		ug/Kg		129	65 - 155
N-ethylperfluorooctanesulfonamidoacetic acid (NEtFOSAA)	2.50	2.842		ug/Kg		114	65 - 165
N-methylperfluorooctane sulfonamidoethanol (NMeFOSE)	12.5	14.06		ug/Kg		112	70 - 140
N-ethylperfluorooctane sulfonamidoethanol (NEtFOSE)	12.5	13.80		ug/Kg		110	70 - 135
Hexafluoropropylene Oxide Dimer Acid (HFPO-DA)	1.88	1.981		ug/Kg		106	70 - 145
4,8-Dioxa-3H-perfluorononanoic acid (ADONA)	2.37	2.531		ug/Kg		107	70 - 160
Perfluoro-3-methoxypropanoic acid (PFMPA)	2.50	2.791		ug/Kg		112	30 - 140
Perfluoro-4-methoxybutanoic acid (PFMBA)	2.50	2.688		ug/Kg		108	60 - 150
Nonafluoro-3,6-dioxaheptanoic acid (NFDHA)	2.50	2.991		ug/Kg		120	60 - 155
9-Chlorohexadecafluoro-3-oxanonane-1-sulfonic acid (9Cl-PF3ONS)	2.34	2.533		ug/Kg		108	70 - 150
11-Chloroeicosafluoro-3-oxaundecane-1-sulfonic acid (11Cl-PF3OUdS)	2.36	2.264		ug/Kg		96	45 - 160
Perfluoro (2-ethoxyethane) sulfonic acid (PFEESA)	2.23	2.517		ug/Kg		113	70 - 140
3-Perfluoropropylpropanoic acid (3:3 FTCA)	5.00	4.406		ug/Kg		88	45 - 130
3-Perfluoropentylpropanoic acid (5:3 FTCA)	12.5	11.83		ug/Kg		95	60 - 130
3-Perfluoroheptylpropanoic acid (7:3 FTCA)	12.5	11.92		ug/Kg		95	60 - 150

Isotope Dilution	*LCS %Recovery*	*LCS Qualifier*	*Limits*
13C4 PFBA	*110*		*8 - 130*
13C5 PFPeA	*102*		*35 - 130*
13C5 PFHxA	*99.7*		*40 - 130*

Method: 1633A - Per- and Polyfluoroalkyl Substances by LC/MS/MS, 1633A (Continued)

Lab Sample ID: LCS 410-710924/2-A
Matrix: Solid
Analysis Batch: 710788

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 710924

Isotope Dilution	LCS %Recovery	LCS Qualifier	Limits
13C4 PFHpA	108		40 - 130
13C8 PFOA	101		40 - 130
13C9 PFNA	99.8		40 - 130
13C6 PFDA	96.7		40 - 130
13C7 PFUnA	102		40 - 130
13C2 PFTeDA	90.8		20 - 130
13C3 PFBS	107		40 - 135
13C3 PFHxS	101		40 - 130
13C8 PFOS	96.2		40 - 130
13C8 FOSA	85.8		40 - 130
d3-NMeFOSAA	68.1		40 - 135
d5-NEtFOSAA	106		40 - 150
13C2 4:2 FTS	97.9		40 - 165
13C2 6:2 FTS	87.6		40 - 215
13C2 8:2 FTS	75.4		40 - 275
13C3 HFPO-DA	106		40 - 130
d7-N-MeFOSE-M	65.2		20 - 130
d9-N-EtFOSE-M	53.3		15 - 130
d5-NEtPFOSA	60.1		10 - 130
d3-NMePFOSA	69.9		10 - 130
13C2 PFDoA	98.6		40 - 130

Lab Sample ID: LCSD 410-710924/3-A
Matrix: Solid
Analysis Batch: 710788

Client Sample ID: Lab Control Sample Dup
Prep Type: Total/NA
Prep Batch: 710924

Analyte			Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Perfluorobutanoic acid (PFBA)			5.00	5.567		ug/Kg		111	70 - 140	1	30
Perfluoropentanoic acid (PFPeA)			2.50	2.944		ug/Kg		118	60 - 150	4	30
Perfluorohexanoic acid (PFHxA)			2.50	2.770		ug/Kg		111	65 - 140	2	30
Perfluoroheptanoic acid (PFHpA)			2.50	2.950		ug/Kg		118	65 - 145	1	30
Perfluorooctanoic acid (PFOA)			2.50	2.799		ug/Kg		112	70 - 150	0	30
Perfluorononanoic acid (PFNA)			2.50	2.698		ug/Kg		108	70 - 155	8	30
Perfluorodecanoic acid (PFDA)			2.50	2.838		ug/Kg		114	70 - 155	5	30
Perfluoroundecanoic acid (PFUnA)			2.50	3.106		ug/Kg		124	70 - 155	13	30
Perfluorododecanoic acid (PFDoA)			2.50	2.940		ug/Kg		118	70 - 150	5	30
Perfluorotridecanoic acid (PFTrDA)			2.50	3.104		ug/Kg		124	65 - 150	5	30
Perfluorotetradecanoic acid (PFTeDA)			2.50	2.945		ug/Kg		118	65 - 150	9	30
Perfluorobutanesulfonic acid (PFBS)			2.22	2.442		ug/Kg		110	65 - 145	8	30
Perfluoropentanesulfonic acid (PFPeS)			2.35	2.846		ug/Kg		121	55 - 160	1	30
Perfluorohexanesulfonic acid (PFHxS)			2.28	2.437		ug/Kg		107	60 - 150	1	30
Perfluoroheptanesulfonic acid (PFHpS)			2.39	2.567		ug/Kg		108	65 - 155	2	30

Method: 1633A - Per- and Polyfluoroalkyl Substances by LC/MS/MS, 1633A (Continued)

Lab Sample ID: LCSD 410-710924/3-A
Matrix: Solid
Analysis Batch: 710788

Client Sample ID: Lab Control Sample Dup
Prep Type: Total/NA
Prep Batch: 710924

Analyte			Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Perfluorooctanesulfonic acid (PFOS)			2.33	2.415		ug/Kg		104	65 - 160	0	30
Perfluorononanesulfonic acid (PFNS)			2.41	2.474		ug/Kg		103	55 - 140	2	30
Perfluorodecanesulfonic acid (PFDS)			2.41	2.334		ug/Kg		97	40 - 155	0	30
Perfluorododecanesulfonic acid (PFDoS)			2.43	2.015		ug/Kg		83	25 - 160	5	30
1H,1H,2H,2H-Perfluorohexane sulfonic acid (4:2 FTS)			4.69	5.360		ug/Kg		114	60 - 150	4	30
1H,1H,2H,2H-Perfluorooctane sulfonic acid (6:2 FTS)			4.76	4.969		ug/Kg		104	55 - 200	3	30
1H,1H,2H,2H-Perfluorodecane sulfonic acid (8:2 FTS)			4.80	5.377		ug/Kg		112	70 - 150	0	30
Perfluorooctanesulfonamide (PFOSA)			2.50	2.719		ug/Kg		109	70 - 140	2	30
N-methylperfluorooctane sulfonamide (NMeFOSA)			2.50	2.803		ug/Kg		112	70 - 155	0	30
N-ethylperfluorooctane sulfonamide (NEtFOSA)			2.50	2.757		ug/Kg		110	70 - 140	2	30
N-methylperfluorooctanesulfonamidoacetic acid (NMeFOSAA)			2.50	3.062		ug/Kg		122	65 - 155	5	30
N-ethylperfluorooctanesulfonamidoacetic acid (NEtFOSAA)			2.50	2.895		ug/Kg		116	65 - 165	2	30
N-methylperfluorooctane sulfonamidoethanol (NMeFOSE)			12.5	14.12		ug/Kg		113	70 - 140	0	30
N-ethylperfluorooctane sulfonamidoethanol (NEtFOSE)			12.5	13.39		ug/Kg		107	70 - 135	3	30
Hexafluoropropylene Oxide Dimer Acid (HFPO-DA)			1.88	2.060		ug/Kg		110	70 - 145	4	30
4,8-Dioxa-3H-perfluorononanoic acid (ADONA)			2.37	2.523		ug/Kg		107	70 - 160	0	30
Perfluoro-3-methoxypropanoic acid (PFMPA)			2.50	2.760		ug/Kg		110	30 - 140	1	30
Perfluoro-4-methoxybutanoic acid (PFMBA)			2.50	2.713		ug/Kg		109	60 - 150	1	30
Nonafluoro-3,6-dioxaheptanoic acid (NFDHA)			2.50	2.920		ug/Kg		117	60 - 155	2	30
9-Chlorohexadecafluoro-3-oxanonane-1-sulfonic acid (9Cl-PF3ONS)			2.34	2.431		ug/Kg		104	70 - 150	4	30
11-Chloroeicosafluoro-3-oxaundecane-1-sulfonic acid (11Cl-PF3OUdS)			2.36	2.307		ug/Kg		98	45 - 160	2	30
Perfluoro (2-ethoxyethane) sulfonic acid (PFEESA)			2.23	2.518		ug/Kg		113	70 - 140	0	30
3-Perfluoropropylpropanoic acid (3:3 FTCA)			5.00	4.349		ug/Kg		87	45 - 130	1	30
3-Perfluoropentylpropanoic acid (5:3 FTCA)			12.5	12.01		ug/Kg		96	60 - 130	2	30
3-Perfluoroheptylpropanoic acid (7:3 FTCA)			12.5	12.01		ug/Kg		96	60 - 150	1	30

Isotope Dilution	*LCSD %Recovery*	*LCSD Qualifier*	*Limits*
13C4 PFBA	*103*		*8 - 130*

Method: 1633A - Per- and Polyfluoroalkyl Substances by LC/MS/MS, 1633A (Continued)

Lab Sample ID: LCSD 410-710924/3-A
Matrix: Solid
Analysis Batch: 710788

Client Sample ID: Lab Control Sample Dup
Prep Type: Total/NA
Prep Batch: 710924

Isotope Dilution	LCSD %Recovery	LCSD Qualifier	Limits
13C5 PFPeA	94.9		35 - 130
13C5 PFHxA	92.9		40 - 130
13C4 PFHpA	99.1		40 - 130
13C8 PFOA	95.4		40 - 130
13C9 PFNA	89.1		40 - 130
13C6 PFDA	87.4		40 - 130
13C7 PFUnA	88.7		40 - 130
13C2 PFTeDA	71.3		20 - 130
13C3 PFBS	104		40 - 135
13C3 PFHxS	92.1		40 - 130
13C8 PFOS	85.5		40 - 130
13C8 FOSA	76.5		40 - 130
d3-NMeFOSAA	58.5		40 - 135
d5-NEtFOSAA	85.4		40 - 150
13C2 4:2 FTS	86.1		40 - 165
13C2 6:2 FTS	81.8		40 - 215
13C2 8:2 FTS	68.3		40 - 275
13C3 HFPO-DA	97.9		40 - 130
d7-N-MeFOSE-M	51.4		20 - 130
d9-N-EtFOSE-M	42.5		15 - 130
d5-NEtPFOSA	53.1		10 - 130
d3-NMePFOSA	60.3		10 - 130
13C2 PFDoA	85.1		40 - 130

Lab Sample ID: LLCS 410-710924/4-A
Matrix: Solid
Analysis Batch: 710788

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 710924

Analyte	Spike Added	LLCS Result	LLCS Qualifier	Unit	D	%Rec	%Rec Limits
Perfluorobutanoic acid (PFBA)	0.500	0.558		ug/Kg		112	70 - 140
Perfluoropentanoic acid (PFPeA)	0.250	0.287		ug/Kg		115	60 - 150
Perfluorohexanoic acid (PFHxA)	0.250	0.268		ug/Kg		107	65 - 140
Perfluoroheptanoic acid (PFHpA)	0.250	0.268		ug/Kg		107	65 - 145
Perfluorooctanoic acid (PFOA)	0.250	0.275		ug/Kg		110	70 - 150
Perfluorononanoic acid (PFNA)	0.250	0.250		ug/Kg		100	70 - 155
Perfluorodecanoic acid (PFDA)	0.250	0.261		ug/Kg		105	70 - 155
Perfluoroundecanoic acid (PFUnA)	0.250	0.249		ug/Kg		99	70 - 155
Perfluorododecanoic acid (PFDoA)	0.250	0.219		ug/Kg		87	70 - 150
Perfluorotridecanoic acid (PFTrDA)	0.250	0.260		ug/Kg		104	65 - 150
Perfluorotetradecanoic acid (PFTeDA)	0.250	0.242		ug/Kg		97	65 - 150
Perfluorobutanesulfonic acid (PFBS)	0.222	0.225		ug/Kg		101	65 - 145
Perfluoropentanesulfonic acid (PFPeS)	0.235	0.238		ug/Kg		101	55 - 160
Perfluorohexanesulfonic acid (PFHxS)	0.228	0.227		ug/Kg		100	60 - 150

Method: 1633A - Per- and Polyfluoroalkyl Substances by LC/MS/MS, 1633A (Continued)

Lab Sample ID: LLCS 410-710924/4-A
Matrix: Solid
Analysis Batch: 710788

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 710924

Analyte	Spike Added	LLCS Result	LLCS Qualifier	Unit	D	%Rec	%Rec Limits
Perfluoroheptanesulfonic acid (PFHpS)	0.239	0.226		ug/Kg		95	65 - 155
Perfluorooctanesulfonic acid (PFOS)	0.233	0.229		ug/Kg		98	65 - 160
Perfluorononanesulfonic acid (PFNS)	0.241	0.217		ug/Kg		90	55 - 140
Perfluorodecanesulfonic acid (PFDS)	0.241	0.211		ug/Kg		88	40 - 155
Perfluorododecanesulfonic acid (PFDoS)	0.243	0.202		ug/Kg		83	25 - 160
1H,1H,2H,2H-Perfluorohexane sulfonic acid (4:2 FTS)	0.469	0.459		ug/Kg		98	60 - 150
1H,1H,2H,2H-Perfluorooctane sulfonic acid (6:2 FTS)	0.476	0.460		ug/Kg		97	55 - 200
1H,1H,2H,2H-Perfluorodecane sulfonic acid (8:2 FTS)	0.480	0.494		ug/Kg		103	70 - 150
Perfluorooctanesulfonamide (PFOSA)	0.250	0.257		ug/Kg		103	70 - 140
N-methylperfluorooctane sulfonamide (NMeFOSA)	0.250	0.226		ug/Kg		90	70 - 155
N-ethylperfluorooctane sulfonamide (NEtFOSA)	0.250	0.252		ug/Kg		101	70 - 140
N-methylperfluorooctanesulfonamidoacetic acid (NMeFOSAA)	0.250	0.225		ug/Kg		90	65 - 155
N-ethylperfluorooctanesulfonamidoacetic acid (NEtFOSAA)	0.250	0.281		ug/Kg		112	65 - 165
N-methylperfluorooctane sulfonamidoethanol (NMeFOSE)	1.25	1.388		ug/Kg		111	70 - 140
N-ethylperfluorooctane sulfonamidoethanol (NEtFOSE)	1.25	1.384		ug/Kg		111	70 - 135
Hexafluoropropylene Oxide Dimer Acid (HFPO-DA)	0.188	0.189	J	ug/Kg		101	70 - 145
4,8-Dioxa-3H-perfluorononanoic acid (ADONA)	0.237	0.213		ug/Kg		90	70 - 160
Perfluoro-3-methoxypropanoic acid (PFMPA)	0.250	0.244		ug/Kg		98	30 - 140
Perfluoro-4-methoxybutanoic acid (PFMBA)	0.250	0.227		ug/Kg		91	60 - 150
Nonafluoro-3,6-dioxaheptanoic acid (NFDHA)	0.250	0.234		ug/Kg		93	60 - 155
9-Chlorohexadecafluoro-3-oxanonane-1-sulfonic acid (9Cl-PF3ONS)	0.234	0.234		ug/Kg		100	70 - 150
11-Chloroeicosafluoro-3-oxaundecane-1-sulfonic acid (11Cl-PF3OUdS)	0.236	0.231		ug/Kg		98	45 - 160
Perfluoro (2-ethoxyethane) sulfonic acid (PFEESA)	0.223	0.209		ug/Kg		94	70 - 140
3-Perfluoropropylpropanoic acid (3:3 FTCA)	0.500	0.430		ug/Kg		86	45 - 130
3-Perfluoropentylpropanoic acid (5:3 FTCA)	1.25	1.317		ug/Kg		105	60 - 130
3-Perfluoroheptylpropanoic acid (7:3 FTCA)	1.25	1.121		ug/Kg		90	60 - 150

Method: 1633A - Per- and Polyfluoroalkyl Substances by LC/MS/MS, 1633A (Continued)

Isotope Dilution	LLCS %Recovery	LLCS Qualifier	Limits
13C4 PFBA	92.3		8 - 130
13C5 PFPeA	78.4		35 - 130
13C5 PFHxA	75.1		40 - 130
13C4 PFHpA	80.6		40 - 130
13C8 PFOA	75.8		40 - 130
13C9 PFNA	68.3		40 - 130
13C6 PFDA	64.6		40 - 130
13C7 PFUnA	68.7		40 - 130
13C2 PFTeDA	58.4		20 - 130
13C3 PFBS	79.1		40 - 135
13C3 PFHxS	71.6		40 - 130
13C8 PFOS	59.9		40 - 130
13C8 FOSA	56.0		40 - 130
d3-NMeFOSAA	44.0		40 - 135
d5-NEtFOSAA	66.6		40 - 150
13C2 4:2 FTS	72.5		40 - 165
13C2 6:2 FTS	63.2		40 - 215
13C2 8:2 FTS	51.4		40 - 275
13C3 HFPO-DA	82.0		40 - 130
d7-N-MeFOSE-M	37.6		20 - 130
d9-N-EtFOSE-M	33.4		15 - 130
d5-NEtPFOSA	38.6		10 - 130
d3-NMePFOSA	43.9		10 - 130
13C2 PFDoA	65.8		40 - 130

Lab Sample ID: MB 410-710926/1-A
Matrix: Solid
Analysis Batch: 711345

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 710926

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Perfluorobutanoic acid (PFBA)	0.40	U	0.40	0.10	ug/Kg		10/08/25 14:14	10/10/25 01:00	1
Perfluoropentanoic acid (PFPeA)	0.20	U	0.20	0.10	ug/Kg		10/08/25 14:14	10/10/25 01:00	1
Perfluorohexanoic acid (PFHxA)	0.20	U	0.20	0.10	ug/Kg		10/08/25 14:14	10/10/25 01:00	1
Perfluoroheptanoic acid (PFHpA)	0.20	U	0.20	0.10	ug/Kg		10/08/25 14:14	10/10/25 01:00	1
Perfluorooctanoic acid (PFOA)	0.20	U	0.20	0.060	ug/Kg		10/08/25 14:14	10/10/25 01:00	1
Perfluorononanoic acid (PFNA)	0.20	U	0.20	0.10	ug/Kg		10/08/25 14:14	10/10/25 01:00	1
Perfluorodecanoic acid (PFDA)	0.20	U	0.20	0.060	ug/Kg		10/08/25 14:14	10/10/25 01:00	1
Perfluoroundecanoic acid (PFUnA)	0.20	U	0.20	0.10	ug/Kg		10/08/25 14:14	10/10/25 01:00	1
Perfluorododecanoic acid (PFDoA)	0.20	U	0.20	0.10	ug/Kg		10/08/25 14:14	10/10/25 01:00	1
Perfluorotridecanoic acid (PFTrDA)	0.20	U	0.20	0.10	ug/Kg		10/08/25 14:14	10/10/25 01:00	1
Perfluorotetradecanoic acid (PFTeDA)	0.20	U	0.20	0.10	ug/Kg		10/08/25 14:14	10/10/25 01:00	1
Perfluorobutanesulfonic acid (PFBS)	0.20	U	0.20	0.10	ug/Kg		10/08/25 14:14	10/10/25 01:00	1
Perfluoropentanesulfonic acid (PFPeS)	0.20	U	0.20	0.10	ug/Kg		10/08/25 14:14	10/10/25 01:00	1
Perfluorohexanesulfonic acid (PFHxS)	0.20	U	0.20	0.10	ug/Kg		10/08/25 14:14	10/10/25 01:00	1
Perfluoroheptanesulfonic acid (PFHpS)	0.20	U	0.20	0.10	ug/Kg		10/08/25 14:14	10/10/25 01:00	1
Perfluorooctanesulfonic acid (PFOS)	0.20	U	0.20	0.10	ug/Kg		10/08/25 14:14	10/10/25 01:00	1
Perfluorononanesulfonic acid (PFNS)	0.20	U	0.20	0.10	ug/Kg		10/08/25 14:14	10/10/25 01:00	1
Perfluorodecanesulfonic acid (PFDS)	0.20	U	0.20	0.10	ug/Kg		10/08/25 14:14	10/10/25 01:00	1
Perfluorododecanesulfonic acid (PFDoS)	0.20	U	0.20	0.10	ug/Kg		10/08/25 14:14	10/10/25 01:00	1

Method: 1633A - Per- and Polyfluoroalkyl Substances by LC/MS/MS, 1633A (Continued)

Lab Sample ID: MB 410-710926/1-A
Matrix: Solid
Analysis Batch: 711345

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 710926

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1H,1H,2H,2H-Perfluorohexane sulfonic acid (4:2 FTS)	0.40	U	0.40	0.20	ug/Kg		10/08/25 14:14	10/10/25 01:00	1
1H,1H,2H,2H-Perfluorooctane sulfonic acid (6:2 FTS)	0.40	U	0.40	0.20	ug/Kg		10/08/25 14:14	10/10/25 01:00	1
1H,1H,2H,2H-Perfluorodecane sulfonic acid (8:2 FTS)	0.40	U	0.40	0.20	ug/Kg		10/08/25 14:14	10/10/25 01:00	1
Perfluorooctanesulfonamide (PFOSA)	0.20	U	0.20	0.10	ug/Kg		10/08/25 14:14	10/10/25 01:00	1
N-methylperfluorooctane sulfonamide (NMeFOSA)	0.20	U	0.20	0.10	ug/Kg		10/08/25 14:14	10/10/25 01:00	1
N-ethylperfluorooctane sulfonamide (NEtFOSA)	0.20	U	0.20	0.10	ug/Kg		10/08/25 14:14	10/10/25 01:00	1
N-methylperfluorooctanesulfonamidoacetic acid (NMeFOSAA)	0.20	U	0.20	0.10	ug/Kg		10/08/25 14:14	10/10/25 01:00	1
N-ethylperfluorooctanesulfonamidoacetic acid (NEtFOSAA)	0.20	U	0.20	0.10	ug/Kg		10/08/25 14:14	10/10/25 01:00	1
N-methylperfluorooctane sulfonamidoethanol (NMeFOSE)	1.00	U	1.00	0.50	ug/Kg		10/08/25 14:14	10/10/25 01:00	1
N-ethylperfluorooctane sulfonamidoethanol (NEtFOSE)	1.00	U	1.00	0.50	ug/Kg		10/08/25 14:14	10/10/25 01:00	1
Hexafluoropropylene Oxide Dimer Acid (HFPO-DA)	0.20	U	0.20	0.10	ug/Kg		10/08/25 14:14	10/10/25 01:00	1
4,8-Dioxa-3H-perfluorononanoic acid (ADONA)	0.20	U	0.20	0.10	ug/Kg		10/08/25 14:14	10/10/25 01:00	1
Perfluoro-3-methoxypropanoic acid (PFMPA)	0.20	U	0.20	0.10	ug/Kg		10/08/25 14:14	10/10/25 01:00	1
Perfluoro-4-methoxybutanoic acid (PFMBA)	0.20	U	0.20	0.10	ug/Kg		10/08/25 14:14	10/10/25 01:00	1
Nonafluoro-3,6-dioxaheptanoic acid (NFDHA)	0.20	U	0.20	0.10	ug/Kg		10/08/25 14:14	10/10/25 01:00	1
9-Chlorohexadecafluoro-3-oxanonane-1-sulfonic acid (9Cl-PF3ONS)	0.20	U	0.20	0.10	ug/Kg		10/08/25 14:14	10/10/25 01:00	1
11-Chloroeicosafluoro-3-oxaundecane-1-sulfonic acid (11Cl-PF3OUdS)	0.20	U	0.20	0.10	ug/Kg		10/08/25 14:14	10/10/25 01:00	1
Perfluoro (2-ethoxyethane) sulfonic acid (PFEESA)	0.20	U	0.20	0.10	ug/Kg		10/08/25 14:14	10/10/25 01:00	1
3-Perfluoropropylpropanoic acid (3:3 FTCA)	0.40	U	0.40	0.20	ug/Kg		10/08/25 14:14	10/10/25 01:00	1
3-Perfluoropentylpropanoic acid (5:3 FTCA)	1.00	U	1.00	0.50	ug/Kg		10/08/25 14:14	10/10/25 01:00	1
3-Perfluoroheptylpropanoic acid (7:3 FTCA)	1.00	U	1.00	0.50	ug/Kg		10/08/25 14:14	10/10/25 01:00	1

Isotope Dilution	*MB %Recovery*	*MB Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
13C4 PFBA	*77.4*		*8 - 130*	*10/08/25 14:14*	*10/10/25 01:00*	*1*
13C5 PFPeA	*76.1*		*35 - 130*	*10/08/25 14:14*	*10/10/25 01:00*	*1*
13C5 PFHxA	*73.8*		*40 - 130*	*10/08/25 14:14*	*10/10/25 01:00*	*1*
13C4 PFHpA	*74.4*		*40 - 130*	*10/08/25 14:14*	*10/10/25 01:00*	*1*
13C8 PFOA	*74.7*		*40 - 130*	*10/08/25 14:14*	*10/10/25 01:00*	*1*
13C9 PFNA	*76.5*		*40 - 130*	*10/08/25 14:14*	*10/10/25 01:00*	*1*
13C6 PFDA	*71.9*		*40 - 130*	*10/08/25 14:14*	*10/10/25 01:00*	*1*
13C7 PFUnA	*68.6*		*40 - 130*	*10/08/25 14:14*	*10/10/25 01:00*	*1*
13C2 PFTeDA	*51.2*		*20 - 130*	*10/08/25 14:14*	*10/10/25 01:00*	*1*
13C3 PFBS	*84.8*		*40 - 135*	*10/08/25 14:14*	*10/10/25 01:00*	*1*
13C3 PFHxS	*75.1*		*40 - 130*	*10/08/25 14:14*	*10/10/25 01:00*	*1*

Method: 1633A - Per- and Polyfluoroalkyl Substances by LC/MS/MS, 1633A (Continued)

Lab Sample ID: MB 410-710926/1-A
Matrix: Solid
Analysis Batch: 711345

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 710926

Isotope Dilution	MB %Recovery	MB Qualifier	Limits	Prepared	Analyzed	Dil Fac
13C8 PFOS	78.5		40 - 130	10/08/25 14:14	10/10/25 01:00	1
13C8 FOSA	75.2		40 - 130	10/08/25 14:14	10/10/25 01:00	1
d3-NMeFOSAA	58.2		40 - 135	10/08/25 14:14	10/10/25 01:00	1
d5-NEtFOSAA	56.3		40 - 150	10/08/25 14:14	10/10/25 01:00	1
13C2 4:2 FTS	80.3		40 - 165	10/08/25 14:14	10/10/25 01:00	1
13C2 6:2 FTS	72.8		40 - 215	10/08/25 14:14	10/10/25 01:00	1
13C2 8:2 FTS	87.6		40 - 275	10/08/25 14:14	10/10/25 01:00	1
13C3 HFPO-DA	73.0		40 - 130	10/08/25 14:14	10/10/25 01:00	1
d7-N-MeFOSE-M	33.2		20 - 130	10/08/25 14:14	10/10/25 01:00	1
d9-N-EtFOSE-M	25.9		15 - 130	10/08/25 14:14	10/10/25 01:00	1
d5-NEtPFOSA	51.7		10 - 130	10/08/25 14:14	10/10/25 01:00	1
d3-NMePFOSA	56.6		10 - 130	10/08/25 14:14	10/10/25 01:00	1
13C2 PFDoA	63.2		40 - 130	10/08/25 14:14	10/10/25 01:00	1

Lab Sample ID: LCS 410-710926/2-A
Matrix: Solid
Analysis Batch: 711345

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 710926

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
Perfluorobutanoic acid (PFBA)	5.00	5.538		ug/Kg		111	70 - 140
Perfluoropentanoic acid (PFPeA)	2.50	2.687		ug/Kg		107	60 - 150
Perfluorohexanoic acid (PFHxA)	2.50	2.681		ug/Kg		107	65 - 140
Perfluoroheptanoic acid (PFHpA)	2.50	2.736		ug/Kg		109	65 - 145
Perfluorooctanoic acid (PFOA)	2.50	2.617		ug/Kg		105	70 - 150
Perfluorononanoic acid (PFNA)	2.50	2.551		ug/Kg		102	70 - 155
Perfluorodecanoic acid (PFDA)	2.50	2.773		ug/Kg		111	70 - 155
Perfluoroundecanoic acid (PFUnA)	2.50	2.546		ug/Kg		102	70 - 155
Perfluorododecanoic acid (PFDoA)	2.50	2.552		ug/Kg		102	70 - 150
Perfluorotridecanoic acid (PFTrDA)	2.50	2.468		ug/Kg		99	65 - 150
Perfluorotetradecanoic acid (PFTeDA)	2.50	2.298		ug/Kg		92	65 - 150
Perfluorobutanesulfonic acid (PFBS)	2.22	2.576		ug/Kg		116	65 - 145
Perfluoropentanesulfonic acid (PFPeS)	2.35	2.783		ug/Kg		118	55 - 160
Perfluorohexanesulfonic acid (PFHxS)	2.28	2.834		ug/Kg		124	60 - 150
Perfluoroheptanesulfonic acid (PFHpS)	2.39	2.626		ug/Kg		110	65 - 155
Perfluorooctanesulfonic acid (PFOS)	2.33	2.390		ug/Kg		103	65 - 160
Perfluorononanesulfonic acid (PFNS)	2.41	2.677		ug/Kg		111	55 - 140
Perfluorodecanesulfonic acid (PFDS)	2.41	2.473		ug/Kg		103	40 - 155
Perfluorododecanesulfonic acid (PFDoS)	2.43	1.720		ug/Kg		71	25 - 160
1H,1H,2H,2H-Perfluorohexane sulfonic acid (4:2 FTS)	4.69	4.959		ug/Kg		106	60 - 150

Method: 1633A - Per- and Polyfluoroalkyl Substances by LC/MS/MS, 1633A (Continued)

Lab Sample ID: LCS 410-710926/2-A
Matrix: Solid
Analysis Batch: 711345

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 710926

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
1H,1H,2H,2H-Perfluorooctane sulfonic acid (6:2 FTS)	4.76	5.897		ug/Kg		124	55 - 200
1H,1H,2H,2H-Perfluorodecane sulfonic acid (8:2 FTS)	4.80	5.594		ug/Kg		117	70 - 150
Perfluorooctanesulfonamide (PFOSA)	2.50	2.814		ug/Kg		113	70 - 140
N-methylperfluorooctane sulfonamide (NMeFOSA)	2.50	2.743		ug/Kg		110	70 - 155
N-ethylperfluorooctane sulfonamide (NEtFOSA)	2.50	2.771		ug/Kg		111	70 - 140
N-methylperfluorooctanesulfonamidoacetic acid (NMeFOSAA)	2.50	3.394		ug/Kg		136	65 - 155
N-ethylperfluorooctanesulfonamidoacetic acid (NEtFOSAA)	2.50	2.493		ug/Kg		100	65 - 165
N-methylperfluorooctane sulfonamidoethanol (NMeFOSE)	12.5	15.09		ug/Kg		121	70 - 140
N-ethylperfluorooctane sulfonamidoethanol (NEtFOSE)	12.5	14.18		ug/Kg		113	70 - 135
Hexafluoropropylene Oxide Dimer Acid (HFPO-DA)	1.88	2.079		ug/Kg		111	70 - 145
4,8-Dioxa-3H-perfluorononanoic acid (ADONA)	2.37	2.993		ug/Kg		127	70 - 160
Perfluoro-3-methoxypropanoic acid (PFMPA)	2.50	2.445		ug/Kg		98	30 - 140
Perfluoro-4-methoxybutanoic acid (PFMBA)	2.50	2.694		ug/Kg		108	60 - 150
Nonafluoro-3,6-dioxaheptanoic acid (NFDHA)	2.50	2.400		ug/Kg		96	60 - 155
9-Chlorohexadecafluoro-3-oxanonane-1-sulfonic acid (9Cl-PF3ONS)	2.34	2.620		ug/Kg		112	70 - 150
11-Chloroeicosafluoro-3-oxaundecane-1-sulfonic acid (11Cl-PF3OUdS)	2.36	2.181		ug/Kg		92	45 - 160
Perfluoro (2-ethoxyethane) sulfonic acid (PFEESA)	2.23	2.663		ug/Kg		119	70 - 140
3-Perfluoropropylpropanoic acid (3:3 FTCA)	5.00	4.698		ug/Kg		94	45 - 130
3-Perfluoropentylpropanoic acid (5:3 FTCA)	12.5	13.13		ug/Kg		105	60 - 130
3-Perfluoroheptylpropanoic acid (7:3 FTCA)	12.5	12.27		ug/Kg		98	60 - 150

Isotope Dilution	*LCS %Recovery*	*LCS Qualifier*	*Limits*
13C4 PFBA	*77.7*		*8 - 130*
13C5 PFPeA	*78.0*		*35 - 130*
13C5 PFHxA	*77.0*		*40 - 130*
13C4 PFHpA	*77.3*		*40 - 130*
13C8 PFOA	*75.0*		*40 - 130*
13C9 PFNA	*75.7*		*40 - 130*
13C6 PFDA	*71.1*		*40 - 130*
13C7 PFUnA	*74.4*		*40 - 130*
13C2 PFTeDA	*52.1*		*20 - 130*
13C3 PFBS	*85.8*		*40 - 135*

Method: 1633A - Per- and Polyfluoroalkyl Substances by LC/MS/MS, 1633A (Continued)

Lab Sample ID: LCS 410-710926/2-A
Matrix: Solid
Analysis Batch: 711345

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 710926

Isotope Dilution	LCS %Recovery	LCS Qualifier	Limits
13C3 PFHxS	75.2		40 - 130
13C8 PFOS	73.6		40 - 130
13C8 FOSA	73.8		40 - 130
d3-NMeFOSAA	57.7		40 - 135
d5-NEtFOSAA	60.8		40 - 150
13C2 4:2 FTS	83.9		40 - 165
13C2 6:2 FTS	69.8		40 - 215
13C2 8:2 FTS	82.5		40 - 275
13C3 HFPO-DA	70.1		40 - 130
d7-N-MeFOSE-M	28.4		20 - 130
d9-N-EtFOSE-M	27.7		15 - 130
d5-NEtPFOSA	61.7		10 - 130
d3-NMePFOSA	67.3		10 - 130
13C2 PFDoA	71.8		40 - 130

Lab Sample ID: LLCS 410-710926/3-A
Matrix: Solid
Analysis Batch: 711345

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 710926

Analyte	Spike Added	LLCS Result	LLCS Qualifier	Unit	D	%Rec	%Rec Limits
Perfluorobutanoic acid (PFBA)	0.500	0.482		ug/Kg		96	70 - 140
Perfluoropentanoic acid (PFPeA)	0.250	0.230		ug/Kg		92	60 - 150
Perfluorohexanoic acid (PFHxA)	0.250	0.251		ug/Kg		101	65 - 140
Perfluoroheptanoic acid (PFHpA)	0.250	0.262		ug/Kg		105	65 - 145
Perfluorooctanoic acid (PFOA)	0.250	0.256		ug/Kg		102	70 - 150
Perfluorononanoic acid (PFNA)	0.250	0.250		ug/Kg		100	70 - 155
Perfluorodecanoic acid (PFDA)	0.250	0.243		ug/Kg		97	70 - 155
Perfluoroundecanoic acid (PFUnA)	0.250	0.246		ug/Kg		98	70 - 155
Perfluorododecanoic acid (PFDoA)	0.250	0.251		ug/Kg		100	70 - 150
Perfluorotridecanoic acid (PFTrDA)	0.250	0.234		ug/Kg		94	65 - 150
Perfluorotetradecanoic acid (PFTeDA)	0.250	0.250		ug/Kg		100	65 - 150
Perfluorobutanesulfonic acid (PFBS)	0.222	0.249		ug/Kg		112	65 - 145
Perfluoropentanesulfonic acid (PFPeS)	0.235	0.265		ug/Kg		113	55 - 160
Perfluorohexanesulfonic acid (PFHxS)	0.228	0.280		ug/Kg		123	60 - 150
Perfluoroheptanesulfonic acid (PFHpS)	0.239	0.236		ug/Kg		99	65 - 155
Perfluorooctanesulfonic acid (PFOS)	0.233	0.229		ug/Kg		98	65 - 160
Perfluorononanesulfonic acid (PFNS)	0.241	0.218		ug/Kg		91	55 - 140
Perfluorodecanesulfonic acid (PFDS)	0.241	0.203		ug/Kg		84	40 - 155
Perfluorododecanesulfonic acid (PFDoS)	0.243	0.153	J	ug/Kg		63	25 - 160

Method: 1633A - Per- and Polyfluoroalkyl Substances by LC/MS/MS, 1633A (Continued)

Lab Sample ID: LLCS 410-710926/3-A
Matrix: Solid
Analysis Batch: 711345

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 710926

Analyte	Spike Added	LLCS Result	LLCS Qualifier	Unit	D	%Rec	%Rec Limits
1H,1H,2H,2H-Perfluorohexane sulfonic acid (4:2 FTS)	0.469	0.457		ug/Kg		98	60 - 150
1H,1H,2H,2H-Perfluorooctane sulfonic acid (6:2 FTS)	0.476	0.468		ug/Kg		98	55 - 200
1H,1H,2H,2H-Perfluorodecane sulfonic acid (8:2 FTS)	0.480	0.504		ug/Kg		105	70 - 150
Perfluorooctanesulfonamide (PFOSA)	0.250	0.276		ug/Kg		110	70 - 140
N-methylperfluorooctane sulfonamide (NMeFOSA)	0.250	0.229		ug/Kg		92	70 - 155
N-ethylperfluorooctane sulfonamide (NEtFOSA)	0.250	0.258		ug/Kg		103	70 - 140
N-methylperfluorooctanesulfonamidoacetic acid (NMeFOSAA)	0.250	0.236		ug/Kg		95	65 - 155
N-ethylperfluorooctanesulfonamidoacetic acid (NEtFOSAA)	0.250	0.229		ug/Kg		92	65 - 165
N-methylperfluorooctane sulfonamidoethanol (NMeFOSE)	1.25	1.516		ug/Kg		121	70 - 140
N-ethylperfluorooctane sulfonamidoethanol (NEtFOSE)	1.25	1.491		ug/Kg		119	70 - 135
Hexafluoropropylene Oxide Dimer Acid (HFPO-DA)	0.188	0.195	J	ug/Kg		104	70 - 145
4,8-Dioxa-3H-perfluorononanoic acid (ADONA)	0.237	0.281		ug/Kg		119	70 - 160
Perfluoro-3-methoxypropanoic acid (PFMPA)	0.250	0.230		ug/Kg		92	30 - 140
Perfluoro-4-methoxybutanoic acid (PFMBA)	0.250	0.246		ug/Kg		98	60 - 150
Nonafluoro-3,6-dioxaheptanoic acid (NFDHA)	0.250	0.220		ug/Kg		88	60 - 155
9-Chlorohexadecafluoro-3-oxanonane-1-sulfonic acid (9Cl-PF3ONS)	0.234	0.240		ug/Kg		103	70 - 150
11-Chloroeicosafluoro-3-oxaundecane-1-sulfonic acid (11Cl-PF3OUdS)	0.236	0.202		ug/Kg		86	45 - 160
Perfluoro (2-ethoxyethane) sulfonic acid (PFEESA)	0.223	0.227		ug/Kg		102	70 - 140
3-Perfluoropropylpropanoic acid (3:3 FTCA)	0.500	0.460		ug/Kg		92	45 - 130
3-Perfluoropentylpropanoic acid (5:3 FTCA)	1.25	1.344		ug/Kg		108	60 - 130
3-Perfluoroheptylpropanoic acid (7:3 FTCA)	1.25	1.300		ug/Kg		104	60 - 150

Isotope Dilution	*LLCS %Recovery*	*LLCS Qualifier*	*Limits*
13C4 PFBA	*73.9*		*8 - 130*
13C5 PFPeA	*76.2*		*35 - 130*
13C5 PFHxA	*75.2*		*40 - 130*
13C4 PFHpA	*74.5*		*40 - 130*
13C8 PFOA	*68.5*		*40 - 130*
13C9 PFNA	*72.5*		*40 - 130*
13C6 PFDA	*67.1*		*40 - 130*
13C7 PFUnA	*62.9*		*40 - 130*

Method: 1633A - Per- and Polyfluoroalkyl Substances by LC/MS/MS, 1633A (Continued)

Lab Sample ID: LLCS 410-710926/3-A
Matrix: Solid
Analysis Batch: 711345

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 710926

Isotope Dilution	*LLCS %Recovery*	*LLCS Qualifier*	*Limits*
13C2 PFTeDA	*46.4*		*20 - 130*
13C3 PFBS	*78.8*		*40 - 135*
13C3 PFHxS	*69.4*		*40 - 130*
13C8 PFOS	*70.8*		*40 - 130*
13C8 FOSA	*67.1*		*40 - 130*
d3-NMeFOSAA	*52.8*		*40 - 135*
d5-NEtFOSAA	*52.5*		*40 - 150*
13C2 4:2 FTS	*78.0*		*40 - 165*
13C2 6:2 FTS	*70.4*		*40 - 215*
13C2 8:2 FTS	*81.5*		*40 - 275*
13C3 HFPO-DA	*70.8*		*40 - 130*
d7-N-MeFOSE-M	*29.8*		*20 - 130*
d9-N-EtFOSE-M	*27.6*		*15 - 130*
d5-NEtPFOSA	*49.4*		*10 - 130*
d3-NMePFOSA	*55.3*		*10 - 130*
13C2 PFDoA	*59.5*		*40 - 130*

Lab Sample ID: 460-336540-C-19-B MS
Matrix: Solid
Analysis Batch: 711345

Client Sample ID: Matrix Spike
Prep Type: Total/NA
Prep Batch: 710926

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec Limits
Perfluorobutanoic acid (PFBA)	0.40	U	4.95	5.614		ug/Kg	☼	113	70 - 140
Perfluoropentanoic acid (PFPeA)	0.20	U	2.47	2.642		ug/Kg	☼	107	60 - 150
Perfluorohexanoic acid (PFHxA)	0.20	U	2.47	2.616		ug/Kg	☼	106	65 - 140
Perfluoroheptanoic acid (PFHpA)	0.20	U	2.47	2.650		ug/Kg	☼	107	65 - 145
Perfluorooctanoic acid (PFOA)	0.20	U	2.47	2.625		ug/Kg	☼	106	70 - 150
Perfluorononanoic acid (PFNA)	0.20	U	2.47	2.757		ug/Kg	☼	111	70 - 155
Perfluorodecanoic acid (PFDA)	0.20	U	2.47	2.701		ug/Kg	☼	109	70 - 155
Perfluoroundecanoic acid (PFUnA)	0.20	U	2.47	2.447		ug/Kg	☼	99	70 - 155
Perfluorododecanoic acid (PFDoA)	0.20	U	2.47	2.522		ug/Kg	☼	102	70 - 150
Perfluorotridecanoic acid (PFTrDA)	0.20	U	2.47	2.631		ug/Kg	☼	106	65 - 150
Perfluorotetradecanoic acid (PFTeDA)	0.20	U	2.47	2.358		ug/Kg	☼	95	65 - 150
Perfluorobutanesulfonic acid (PFBS)	0.20	U	2.20	2.778		ug/Kg	☼	126	65 - 145
Perfluoropentanesulfonic acid (PFPeS)	0.20	U	2.33	3.015		ug/Kg	☼	130	55 - 160
Perfluorohexanesulfonic acid (PFHxS)	0.20	U	2.26	2.882		ug/Kg	☼	128	60 - 150
Perfluoroheptanesulfonic acid (PFHpS)	0.20	U	2.36	2.729		ug/Kg	☼	116	65 - 155
Perfluorooctanesulfonic acid (PFOS)	0.20	U	2.30	2.292		ug/Kg	☼	100	65 - 160
Perfluorononanesulfonic acid (PFNS)	0.20	U	2.38	2.407		ug/Kg	☼	101	55 - 140
Perfluorodecanesulfonic acid (PFDS)	0.20	U	2.38	2.185		ug/Kg	☼	92	40 - 155

Method: 1633A - Per- and Polyfluoroalkyl Substances by LC/MS/MS, 1633A (Continued)

Lab Sample ID: 460-336540-C-19-B MS
Matrix: Solid
Analysis Batch: 711345

Client Sample ID: Matrix Spike
Prep Type: Total/NA
Prep Batch: 710926

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec Limits
Perfluorododecanesulfonic acid (PFDoS)	0.20	U	2.40	1.608		ug/Kg	☼	67	25 - 160
1H,1H,2H,2H-Perfluorohexane sulfonic acid (4:2 FTS)	0.40	U	4.64	4.902		ug/Kg	☼	106	60 - 150
1H,1H,2H,2H-Perfluorooctane sulfonic acid (6:2 FTS)	0.40	U	4.71	5.528		ug/Kg	☼	117	55 - 200
1H,1H,2H,2H-Perfluorodecane sulfonic acid (8:2 FTS)	0.40	U	4.75	5.325		ug/Kg	☼	112	70 - 150
Perfluorooctanesulfonamide (PFOSA)	0.20	U	2.47	2.809		ug/Kg	☼	114	70 - 140
N-methylperfluorooctane sulfonamide (NMeFOSA)	0.20	U	2.47	2.613		ug/Kg	☼	106	70 - 155
N-ethylperfluorooctane sulfonamide (NEtFOSA)	0.20	U	2.47	2.667		ug/Kg	☼	108	70 - 140
N-methylperfluorooctanesulfonamidoacetic acid (NMeFOSAA)	0.20	U	2.47	3.034		ug/Kg	☼	123	65 - 155
N-ethylperfluorooctanesulfonamidoacetic acid (NEtFOSAA)	0.20	U	2.47	2.750		ug/Kg	☼	111	65 - 165
N-methylperfluorooctane sulfonamidoethanol (NMeFOSE)	0.99	U	12.4	14.71		ug/Kg	☼	119	70 - 140
N-ethylperfluorooctane sulfonamidoethanol (NEtFOSE)	0.99	U	12.4	14.12		ug/Kg	☼	114	70 - 135
Hexafluoropropylene Oxide Dimer Acid (HFPO-DA)	0.20	U	1.86	2.015		ug/Kg	☼	109	70 - 145
4,8-Dioxa-3H-perfluorononanoic acid (ADONA)	0.20	U	2.34	2.945		ug/Kg	☼	126	70 - 160
Perfluoro-3-methoxypropanoic acid (PFMPA)	0.20	U	2.47	2.473		ug/Kg	☼	100	30 - 140
Perfluoro-4-methoxybutanoic acid (PFMBA)	0.20	U	2.47	2.720		ug/Kg	☼	110	60 - 150
Nonafluoro-3,6-dioxaheptanoic acid (NFDHA)	0.20	U	2.47	2.277		ug/Kg	☼	92	60 - 155
9-Chlorohexadecafluoro-3-oxanonane-1-sulfonic acid (9Cl-PF3ONS)	0.20	U	2.31	2.530		ug/Kg	☼	110	70 - 150
11-Chloroeicosafluoro-3-oxaundecane-1-sulfonic acid (11Cl-PF3OUdS)	0.20	U	2.34	1.960		ug/Kg	☼	84	45 - 160
Perfluoro (2-ethoxyethane) sulfonic acid (PFEESA)	0.20	U	2.21	2.462		ug/Kg	☼	112	70 - 140
3-Perfluoropropylpropanoic acid (3:3 FTCA)	0.40	U	4.95	4.894		ug/Kg	☼	99	45 - 130
3-Perfluoropentylpropanoic acid (5:3 FTCA)	0.99	U	12.4	12.57		ug/Kg	☼	102	60 - 130
3-Perfluoroheptylpropanoic acid (7:3 FTCA)	0.99	U	12.4	10.95		ug/Kg	☼	89	60 - 150

Isotope Dilution	*MS %Recovery*	*MS Qualifier*	*Limits*
13C4 PFBA	*71.5*		*8 - 130*
13C5 PFPeA	*72.7*		*35 - 130*
13C5 PFHxA	*74.8*		*40 - 130*
13C4 PFHpA	*72.4*		*40 - 130*
13C8 PFOA	*66.1*		*40 - 130*
13C9 PFNA	*66.0*		*40 - 130*

Method: 1633A - Per- and Polyfluoroalkyl Substances by LC/MS/MS, 1633A (Continued)

Lab Sample ID: 460-336540-C-19-B MS
Matrix: Solid
Analysis Batch: 711345

Client Sample ID: Matrix Spike
Prep Type: Total/NA
Prep Batch: 710926

Isotope Dilution	MS %Recovery	MS Qualifier	Limits
13C6 PFDA	59.0		40 - 130
13C7 PFUnA	53.3		40 - 130
13C2 PFTeDA	34.7		20 - 130
13C3 PFBS	75.1		40 - 135
13C3 PFHxS	65.5		40 - 130
13C8 PFOS	61.1		40 - 130
13C8 FOSA	59.9		40 - 130
d3-NMeFOSAA	50.4		40 - 135
d5-NEtFOSAA	48.0		40 - 150
13C2 4:2 FTS	101		40 - 165
13C2 6:2 FTS	80.1		40 - 215
13C2 8:2 FTS	86.2		40 - 275
13C3 HFPO-DA	65.5		40 - 130
d7-N-MeFOSE-M	47.2		20 - 130
d9-N-EtFOSE-M	43.1		15 - 130
d5-NEtPFOSA	49.9		10 - 130
d3-NMePFOSA	53.4		10 - 130
13C2 PFDoA	50.1		40 - 130

Lab Sample ID: 460-336540-C-19-C MSD
Matrix: Solid
Analysis Batch: 711345

Client Sample ID: Matrix Spike Duplicate
Prep Type: Total/NA
Prep Batch: 710926

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Perfluorobutanoic acid (PFBA)	0.40	U	4.93	5.514		ug/Kg	☼	112	70 - 140	2	30
Perfluoropentanoic acid (PFPeA)	0.20	U	2.46	2.569		ug/Kg	☼	104	60 - 150	3	30
Perfluorohexanoic acid (PFHxA)	0.20	U	2.46	2.592		ug/Kg	☼	105	65 - 140	1	30
Perfluoroheptanoic acid (PFHpA)	0.20	U	2.46	2.575		ug/Kg	☼	104	65 - 145	3	30
Perfluorooctanoic acid (PFOA)	0.20	U	2.46	2.608		ug/Kg	☼	106	70 - 150	1	30
Perfluorononanoic acid (PFNA)	0.20	U	2.46	2.787		ug/Kg	☼	113	70 - 155	1	30
Perfluorodecanoic acid (PFDA)	0.20	U	2.46	2.622		ug/Kg	☼	106	70 - 155	3	30
Perfluoroundecanoic acid (PFUnA)	0.20	U	2.46	2.599		ug/Kg	☼	105	70 - 155	6	30
Perfluorododecanoic acid (PFDoA)	0.20	U	2.46	2.616		ug/Kg	☼	106	70 - 150	4	30
Perfluorotridecanoic acid (PFTrDA)	0.20	U	2.46	2.554		ug/Kg	☼	104	65 - 150	3	30
Perfluorotetradecanoic acid (PFTeDA)	0.20	U	2.46	2.731		ug/Kg	☼	111	65 - 150	15	30
Perfluorobutanesulfonic acid (PFBS)	0.20	U	2.19	2.717		ug/Kg	☼	124	65 - 145	2	30
Perfluoropentanesulfonic acid (PFPeS)	0.20	U	2.32	2.923		ug/Kg	☼	126	55 - 160	3	30
Perfluorohexanesulfonic acid (PFHxS)	0.20	U	2.25	2.934		ug/Kg	☼	131	60 - 150	2	30
Perfluoroheptanesulfonic acid (PFHpS)	0.20	U	2.35	2.440		ug/Kg	☼	104	65 - 155	11	30
Perfluorooctanesulfonic acid (PFOS)	0.20	U	2.29	2.213		ug/Kg	☼	97	65 - 160	3	30
Perfluorononanesulfonic acid (PFNS)	0.20	U	2.37	2.376		ug/Kg	☼	100	55 - 140	1	30

Method: 1633A - Per- and Polyfluoroalkyl Substances by LC/MS/MS, 1633A (Continued)

Lab Sample ID: 460-336540-C-19-C MSD
Matrix: Solid
Analysis Batch: 711345

Client Sample ID: Matrix Spike Duplicate
Prep Type: Total/NA
Prep Batch: 710926

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Perfluorodecanesulfonic acid (PFDS)	0.20	U	2.38	2.162		ug/Kg	☼	91	40 - 155	1	30
Perfluorododecanesulfonic acid (PFDoS)	0.20	U	2.39	1.776		ug/Kg	☼	74	25 - 160	10	30
1H,1H,2H,2H-Perfluorohexane sulfonic acid (4:2 FTS)	0.40	U	4.62	5.019		ug/Kg	☼	109	60 - 150	2	30
1H,1H,2H,2H-Perfluorooctane sulfonic acid (6:2 FTS)	0.40	U	4.69	5.087		ug/Kg	☼	108	55 - 200	8	30
1H,1H,2H,2H-Perfluorodecane sulfonic acid (8:2 FTS)	0.40	U	4.73	5.616		ug/Kg	☼	119	70 - 150	5	30
Perfluorooctanesulfonamide (PFOSA)	0.20	U	2.46	2.713		ug/Kg	☼	110	70 - 140	3	30
N-methylperfluorooctane sulfonamide (NMeFOSA)	0.20	U	2.46	2.679		ug/Kg	☼	109	70 - 155	2	30
N-ethylperfluorooctane sulfonamide (NEtFOSA)	0.20	U	2.46	2.766		ug/Kg	☼	112	70 - 140	4	30
N-methylperfluorooctanesulfonamidoacetic acid (NMeFOSAA)	0.20	U	2.46	3.266		ug/Kg	☼	132	65 - 155	7	30
N-ethylperfluorooctanesulfonamidoacetic acid (NEtFOSAA)	0.20	U	2.46	2.475		ug/Kg	☼	100	65 - 165	11	30
N-methylperfluorooctane sulfonamidoethanol (NMeFOSE)	0.99	U	12.3	14.64		ug/Kg	☼	119	70 - 140	1	30
N-ethylperfluorooctane sulfonamidoethanol (NEtFOSE)	0.99	U	12.3	13.85		ug/Kg	☼	112	70 - 135	2	30
Hexafluoropropylene Oxide Dimer Acid (HFPO-DA)	0.20	U	1.85	2.000		ug/Kg	☼	108	70 - 145	1	30
4,8-Dioxa-3H-perfluorononanoic acid (ADONA)	0.20	U	2.33	2.847		ug/Kg	☼	122	70 - 160	3	30
Perfluoro-3-methoxypropanoic acid (PFMPA)	0.20	U	2.46	2.438		ug/Kg	☼	99	30 - 140	1	30
Perfluoro-4-methoxybutanoic acid (PFMBA)	0.20	U	2.46	2.688		ug/Kg	☼	109	60 - 150	1	30
Nonafluoro-3,6-dioxaheptanoic acid (NFDHA)	0.20	U	2.46	2.470		ug/Kg	☼	100	60 - 155	8	30
9-Chlorohexadecafluoro-3-oxanonane-1-sulfonic acid (9Cl-PF3ONS)	0.20	U	2.30	2.483		ug/Kg	☼	108	70 - 150	2	30
11-Chloroeicosafluoro-3-oxaundecane-1-sulfonic acid (11Cl-PF3OUdS)	0.20	U	2.33	1.924		ug/Kg	☼	83	45 - 160	2	30
Perfluoro (2-ethoxyethane) sulfonic acid (PFEESA)	0.20	U	2.20	2.591		ug/Kg	☼	118	70 - 140	5	30
3-Perfluoropropylpropanoic acid (3:3 FTCA)	0.40	U	4.93	4.582		ug/Kg	☼	93	45 - 130	7	30
3-Perfluoropentylpropanoic acid (5:3 FTCA)	0.99	U	12.3	12.75		ug/Kg	☼	103	60 - 130	1	30
3-Perfluoroheptylpropanoic acid (7:3 FTCA)	0.99	U	12.3	12.30		ug/Kg	☼	100	60 - 150	12	30

Isotope Dilution	*MSD %Recovery*	*MSD Qualifier*	*Limits*
13C4 PFBA	*73.2*		*8 - 130*
13C5 PFPeA	*71.6*		*35 - 130*
13C5 PFHxA	*70.5*		*40 - 130*
13C4 PFHpA	*72.4*		*40 - 130*
13C8 PFOA	*71.9*		*40 - 130*

Method: 1633A - Per- and Polyfluoroalkyl Substances by LC/MS/MS, 1633A (Continued)

Lab Sample ID: 460-336540-C-19-C MSD
Matrix: Solid
Analysis Batch: 711345

Client Sample ID: Matrix Spike Duplicate
Prep Type: Total/NA
Prep Batch: 710926

Isotope Dilution	MSD %Recovery	MSD Qualifier	Limits
13C9 PFNA	73.6		40 - 130
13C6 PFDA	67.0		40 - 130
13C7 PFUnA	60.1		40 - 130
13C2 PFTeDA	45.7		20 - 130
13C3 PFBS	77.1		40 - 135
13C3 PFHxS	70.5		40 - 130
13C8 PFOS	74.8		40 - 130
13C8 FOSA	71.0		40 - 130
d3-NMeFOSAA	58.7		40 - 135
d5-NEtFOSAA	57.9		40 - 150
13C2 4:2 FTS	102		40 - 165
13C2 6:2 FTS	79.5		40 - 215
13C2 8:2 FTS	87.1		40 - 275
13C3 HFPO-DA	66.6		40 - 130
d7-N-MeFOSE-M	35.5		20 - 130
d9-N-EtFOSE-M	29.8		15 - 130
d5-NEtPFOSA	57.9		10 - 130
d3-NMePFOSA	63.3		10 - 130
13C2 PFDoA	56.6		40 - 130

Method: 6020B - Metals (ICP/MS)

Lab Sample ID: MB 460-1067158/1-A
Matrix: Solid
Analysis Batch: 1067478

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 1067158

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Aluminum	20.0	U	20.0	5.5	mg/Kg		10/09/25 16:40	10/10/25 18:12	1
Antimony	1.0	U	1.0	0.15	mg/Kg		10/09/25 16:40	10/10/25 18:12	1
Arsenic	1.0	U	1.0	0.10	mg/Kg		10/09/25 16:40	10/10/25 18:12	1
Barium	2.0	U	2.0	0.15	mg/Kg		10/09/25 16:40	10/10/25 18:12	1
Beryllium	0.40	U	0.40	0.022	mg/Kg		10/09/25 16:40	10/10/25 18:12	1
Cadmium	1.0	U	1.0	0.11	mg/Kg		10/09/25 16:40	10/10/25 18:12	1
Calcium	100	U	100	9.7	mg/Kg		10/09/25 16:40	10/10/25 18:12	1
Chromium	2.0	U	2.0	0.30	mg/Kg		10/09/25 16:40	10/10/25 18:12	1
Cobalt	1.0	U	1.0	0.15	mg/Kg		10/09/25 16:40	10/10/25 18:12	1
Copper	2.0	U	2.0	0.37	mg/Kg		10/09/25 16:40	10/10/25 18:12	1
Iron	60.0	U	60.0	7.7	mg/Kg		10/09/25 16:40	10/10/25 18:12	1
Lead	0.60	U	0.60	0.20	mg/Kg		10/09/25 16:40	10/10/25 18:12	1
Magnesium	100	U	100	10.2	mg/Kg		10/09/25 16:40	10/10/25 18:12	1
Manganese	4.0	U	4.0	0.40	mg/Kg		10/09/25 16:40	10/10/25 18:12	1
Nickel	2.0	U	2.0	0.18	mg/Kg		10/09/25 16:40	10/10/25 18:12	1
Potassium	100	U	100	16.2	mg/Kg		10/09/25 16:40	10/10/25 18:12	1
Selenium	1.3	U	1.3	0.13	mg/Kg		10/09/25 16:40	10/10/25 18:12	1
Silver	0.40	U	0.40	0.089	mg/Kg		10/09/25 16:40	10/10/25 18:12	1
Sodium	100	U	100	45.7	mg/Kg		10/09/25 16:40	10/10/25 18:12	1
Thallium	0.40	U	0.40	0.041	mg/Kg		10/09/25 16:40	10/10/25 18:12	1
Vanadium	2.0	U	2.0	0.21	mg/Kg		10/09/25 16:40	10/10/25 18:12	1
Zinc	8.0	U	8.0	1.1	mg/Kg		10/09/25 16:40	10/10/25 18:12	1

Method: 6020B - Metals (ICP/MS) (Continued)

Lab Sample ID: LCSSRM 460-1067158/2-A
Matrix: Solid
Analysis Batch: 1067478

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 1067158

Analyte	Spike Added	LCSSRM Result	LCSSRM Qualifier	Unit	D	%Rec	%Rec Limits
Aluminum	6840	5592		mg/Kg		81.8	53.2 - 146.2
Antimony	131	74.05		mg/Kg		56.5	4.5 - 195.4
Arsenic	192	187.0		mg/Kg		97.4	81.3 - 118.8
Barium	219	215.4		mg/Kg		98.4	81.7 - 118.3
Beryllium	146	133.8		mg/Kg		91.7	82.2 - 117.8
Cadmium	114	116.6		mg/Kg		102.2	81.7 - 118.4
Calcium	4080	3869		mg/Kg		94.8	82.4 - 117.6
Chromium	153	152.6		mg/Kg		99.8	81.0 - 119.0
Cobalt	231	233.4		mg/Kg		101.0	83.1 - 117.3
Copper	91.2	90.96		mg/Kg		99.7	83.1 - 117.3
Iron	7020	6065		mg/Kg		86.4	60.7 - 139.2
Lead	141	132.3		mg/Kg		93.8	81.6 - 118.4
Magnesium	1900	1705		mg/Kg		89.7	76.3 - 123.7
Manganese	401	382.5		mg/Kg		95.4	80.8 - 119.0
Nickel	143	147.7		mg/Kg		103.3	81.8 - 118.9
Potassium	1760	1539		mg/Kg		87.5	72.2 - 127.8
Selenium	94.7	96.12		mg/Kg		101.5	78.5 - 121.4
Silver	77.0	73.70		mg/Kg		95.7	79.4 - 120.6
Sodium	661	653.8		mg/Kg		98.9	73.7 - 126.2
Thallium	183	183.5		mg/Kg		100.3	80.3 - 119.7
Vanadium	159	150.7		mg/Kg		94.8	78.6 - 122.0
Zinc	292	291.2		mg/Kg		99.7	79.8 - 120.2

Lab Sample ID: 460-336139-A-9-C MS
Matrix: Solid
Analysis Batch: 1067478

Client Sample ID: Matrix Spike
Prep Type: Total/NA
Prep Batch: 1067158

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec Limits
Aluminum	773		384	1389	N	mg/Kg	☼	161	75 - 125
Antimony	0.19	J	3.84	3.67		mg/Kg	☼	91	75 - 125
Arsenic	1.4		7.68	8.37		mg/Kg	☼	91	75 - 125
Barium	3.9		7.68	12.45		mg/Kg	☼	111	75 - 125
Beryllium	0.030	J	3.84	3.36		mg/Kg	☼	87	75 - 125

Method: 6020B - Metals (ICP/MS) (Continued)

Lab Sample ID: 460-336139-A-9-C MS
Matrix: Solid
Analysis Batch: 1067478

Client Sample ID: Matrix Spike
Prep Type: Total/NA
Prep Batch: 1067158

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec Limits
Cadmium	0.79	U	3.84	3.56		mg/Kg	☼	93	75 - 125
Calcium	184		384	491.0		mg/Kg	☼	80	75 - 125
Chromium	4.1		7.68	11.34		mg/Kg	☼	95	75 - 125
Cobalt	0.34	J	3.84	3.99		mg/Kg	☼	95	75 - 125
Copper	3.3		7.68	9.96		mg/Kg	☼	87	75 - 125
Iron	3090		384	3293	4	mg/Kg	☼	52	75 - 125
Lead	10.8		3.84	13.10	N	mg/Kg	☼	61	75 - 125
Magnesium	160		384	532.7		mg/Kg	☼	97	75 - 125
Manganese	13.6		38.4	48.13		mg/Kg	☼	90	75 - 125
Nickel	1.5	J	7.68	9.12		mg/Kg	☼	99	75 - 125
Potassium	101		384	459.3		mg/Kg	☼	93	75 - 125
Selenium	0.10	J	7.68	7.09		mg/Kg	☼	91	75 - 125
Silver	0.31	U	3.84	3.62		mg/Kg	☼	94	75 - 125
Sodium	78.6	U	384	377.5		mg/Kg	☼	98	75 - 125
Thallium	0.31	U	3.07	2.85		mg/Kg	☼	93	75 - 125
Vanadium	5.7		7.68	12.59		mg/Kg	☼	90	75 - 125
Zinc	6.3		38.4	41.70		mg/Kg	☼	92	75 - 125

Lab Sample ID: 460-336139-A-9-B DU
Matrix: Solid
Analysis Batch: 1067478

Client Sample ID: Duplicate
Prep Type: Total/NA
Prep Batch: 1067158

Analyte	Sample Result	Sample Qualifier	DU Result	DU Qualifier	Unit	D	RPD	RPD Limit
Aluminum	773		733.5		mg/Kg	☼	5	20
Antimony	0.19	J	0.159	J	mg/Kg	☼	16	20
Arsenic	1.4		1.25		mg/Kg	☼	9	20
Barium	3.9		3.49		mg/Kg	☼	12	20
Beryllium	0.030	J	0.0301	J	mg/Kg	☼	0.2	20
Cadmium	0.79	U	0.77	U	mg/Kg	☼	NC	20
Calcium	184		173.2		mg/Kg	☼	6	20
Chromium	4.1		3.43		mg/Kg	☼	17	20
Cobalt	0.34	J	0.393	J	mg/Kg	☼	14	20
Copper	3.3		2.99		mg/Kg	☼	9	20
Iron	3090		2928		mg/Kg	☼	5	20
Lead	10.8		9.05		mg/Kg	☼	17	20
Magnesium	160		212.8		mg/Kg	☼	28	20
Manganese	13.6		11.16		mg/Kg	☼	20	20
Nickel	1.5	J	1.24	J	mg/Kg	☼	19	20
Potassium	101		79.90		mg/Kg	☼	23	20
Selenium	0.10	J	0.97	U	mg/Kg	☼	NC	20
Silver	0.31	U	0.31	U	mg/Kg	☼	NC	20
Sodium	78.6	U	77.4	U	mg/Kg	☼	NC	20
Thallium	0.31	U	0.31	U	mg/Kg	☼	NC	20
Vanadium	5.7		4.45		mg/Kg	☼	24	20
Zinc	6.3		4.97	J	mg/Kg	☼	23	20

Method: 6020B - Metals (ICP/MS) (Continued)

Lab Sample ID: MB 460-1067159/1-A
Matrix: Solid
Analysis Batch: 1067483

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 1067159

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Aluminum	20.0	U	20.0	5.5	mg/Kg		10/09/25 18:35	10/10/25 17:22	1
Antimony	1.0	U	1.0	0.15	mg/Kg		10/09/25 18:35	10/10/25 17:22	1
Arsenic	1.0	U	1.0	0.10	mg/Kg		10/09/25 18:35	10/10/25 17:22	1
Barium	2.0	U	2.0	0.15	mg/Kg		10/09/25 18:35	10/10/25 17:22	1
Beryllium	0.40	U	0.40	0.022	mg/Kg		10/09/25 18:35	10/10/25 17:22	1
Cadmium	1.0	U	1.0	0.11	mg/Kg		10/09/25 18:35	10/10/25 17:22	1
Calcium	100	U	100	9.7	mg/Kg		10/09/25 18:35	10/10/25 17:22	1
Chromium	2.0	U	2.0	0.30	mg/Kg		10/09/25 18:35	10/10/25 17:22	1
Cobalt	1.0	U	1.0	0.15	mg/Kg		10/09/25 18:35	10/10/25 17:22	1
Copper	2.0	U	2.0	0.37	mg/Kg		10/09/25 18:35	10/10/25 17:22	1
Iron	60.0	U	60.0	7.7	mg/Kg		10/09/25 18:35	10/10/25 17:22	1
Lead	0.60	U	0.60	0.20	mg/Kg		10/09/25 18:35	10/10/25 17:22	1
Magnesium	100	U	100	10.2	mg/Kg		10/09/25 18:35	10/10/25 17:22	1
Manganese	4.0	U	4.0	0.40	mg/Kg		10/09/25 18:35	10/10/25 17:22	1
Nickel	2.0	U	2.0	0.18	mg/Kg		10/09/25 18:35	10/10/25 17:22	1
Potassium	100	U	100	16.2	mg/Kg		10/09/25 18:35	10/10/25 17:22	1
Selenium	1.3	U	1.3	0.13	mg/Kg		10/09/25 18:35	10/10/25 17:22	1
Silver	0.40	U	0.40	0.089	mg/Kg		10/09/25 18:35	10/10/25 17:22	1
Sodium	100	U	100	45.7	mg/Kg		10/09/25 18:35	10/10/25 17:22	1
Thallium	0.40	U	0.40	0.041	mg/Kg		10/09/25 18:35	10/10/25 17:22	1
Vanadium	2.0	U	2.0	0.21	mg/Kg		10/09/25 18:35	10/10/25 17:22	1
Zinc	8.0	U	8.0	1.1	mg/Kg		10/09/25 18:35	10/10/25 17:22	1

Lab Sample ID: LCSSRM 460-1067159/2-A
Matrix: Solid
Analysis Batch: 1067483

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 1067159

Analyte	Spike Added	LCSSRM Result	LCSSRM Qualifier	Unit	D	%Rec	%Rec Limits
Aluminum	6840	5484		mg/Kg		80.2	53.2 - 146.2
Antimony	131	70.17		mg/Kg		53.6	4.5 - 195.4
Arsenic	192	171.5		mg/Kg		89.3	81.3 - 118.8
Barium	219	204.1		mg/Kg		93.2	81.7 - 118.3
Beryllium	146	125.9		mg/Kg		86.2	82.2 - 117.8
Cadmium	114	107.2		mg/Kg		94.0	81.7 - 118.4
Calcium	4080	3676		mg/Kg		90.1	82.4 - 117.6
Chromium	153	140.9		mg/Kg		92.1	81.0 - 119.0
Cobalt	231	217.7		mg/Kg		94.2	83.1 - 117.3
Copper	91.2	85.09		mg/Kg		93.3	83.1 - 117.3
Iron	7020	5878		mg/Kg		83.7	60.7 - 139.2
Lead	141	121.1		mg/Kg		85.9	81.6 - 118.4

Method: 6020B - Metals (ICP/MS) (Continued)

Lab Sample ID: LCSSRM 460-1067159/2-A
Matrix: Solid
Analysis Batch: 1067483

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 1067159

Analyte	Spike Added	LCSSRM Result	LCSSRM Qualifier	Unit	D	%Rec	%Rec Limits
Magnesium	1900	1717		mg/Kg		90.4	76.3 - 123.7
Manganese	401	360.4		mg/Kg		89.9	80.8 - 119.0
Nickel	143	138.4		mg/Kg		96.8	81.8 - 118.9
Potassium	1760	1507		mg/Kg		85.6	72.2 - 127.8
Selenium	94.7	86.94		mg/Kg		91.8	78.5 - 121.4
Silver	77.0	69.87		mg/Kg		90.7	79.4 - 120.6
Sodium	661	660.2		mg/Kg		99.9	73.7 - 126.2
Thallium	183	162.7		mg/Kg		88.9	80.3 - 119.7
Vanadium	159	142.2		mg/Kg		89.4	78.6 - 122.0
Zinc	292	266.9		mg/Kg		91.4	79.8 - 120.2

Lab Sample ID: 460-336561-F-6-A MS
Matrix: Solid
Analysis Batch: 1067483

Client Sample ID: Matrix Spike
Prep Type: Total/NA
Prep Batch: 1067159

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec Limits
Aluminum	2350		455	2708	4	mg/Kg	☼	79	75 - 125
Antimony	0.22	J	4.55	4.70		mg/Kg	☼	99	75 - 125
Arsenic	1.5		9.09	10.07		mg/Kg	☼	94	75 - 125
Barium	32.9		9.09	38.87	N	mg/Kg	☼	65	75 - 125
Beryllium	0.095	J	4.55	4.24		mg/Kg	☼	91	75 - 125
Cadmium	0.10	J	4.55	4.45		mg/Kg	☼	96	75 - 125
Calcium	11700		455	8728	4	mg/Kg	☼	-655	75 - 125
Chromium	4.2		9.09	12.35		mg/Kg	☼	89	75 - 125
Cobalt	1.3		4.55	5.46		mg/Kg	☼	92	75 - 125
Copper	19.7		9.09	19.58	N	mg/Kg	☼	-1	75 - 125
Iron	4170		455	5134	4	mg/Kg	☼	212	75 - 125
Lead	91.1		4.55	75.75	4	mg/Kg	☼	-338	75 - 125
Magnesium	5320		455	3942	4	mg/Kg	☼	-303	75 - 125
Manganese	166		45.5	115.2	N	mg/Kg	☼	-111	75 - 125
Nickel	3.2		9.09	11.57		mg/Kg	☼	92	75 - 125
Potassium	218		455	640.1		mg/Kg	☼	93	75 - 125
Selenium	0.29	J	9.09	8.79		mg/Kg	☼	93	75 - 125
Silver	1.2		4.55	5.71		mg/Kg	☼	99	75 - 125
Sodium	86.8	J	455	545.4		mg/Kg	☼	101	75 - 125
Thallium	0.36	U	3.64	3.52		mg/Kg	☼	97	75 - 125
Vanadium	5.7		9.09	14.45		mg/Kg	☼	96	75 - 125
Zinc	70.4		45.5	119.2		mg/Kg	☼	107	75 - 125

Method: 6020B - Metals (ICP/MS) (Continued)

Lab Sample ID: 460-336561-G-6-F MSD
Matrix: Solid
Analysis Batch: 1067483

Client Sample ID: Matrix Spike Duplicate
Prep Type: Total/NA
Prep Batch: 1067159

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Aluminum	2350		444	3304	4	mg/Kg	☼	215	75 - 125	20	20
Antimony	0.22	J	4.44	4.48		mg/Kg	☼	96	75 - 125	5	20
Arsenic	1.5		8.89	10.22		mg/Kg	☼	98	75 - 125	1	20
Barium	32.9		8.89	47.22	N	mg/Kg	☼	161	75 - 125	19	20
Beryllium	0.095	J	4.44	4.21		mg/Kg	☼	93	75 - 125	1	20
Cadmium	0.10	J	4.44	4.39		mg/Kg	☼	96	75 - 125	1	20
Calcium	11700		444	15300	4 N	mg/Kg	☼	808	75 - 125	55	20
Chromium	4.2		8.89	13.32		mg/Kg	☼	102	75 - 125	8	20
Cobalt	1.3		4.44	5.90		mg/Kg	☼	104	75 - 125	8	20
Copper	19.7		8.89	21.53	N	mg/Kg	☼	20	75 - 125	9	20
Iron	4170		444	5485	4	mg/Kg	☼	296	75 - 125	7	20
Lead	91.1		4.44	101.4	4 N	mg/Kg	☼	231	75 - 125	29	20
Magnesium	5320		444	5775	4 N	mg/Kg	☼	103	75 - 125	38	20
Manganese	166		44.4	115.4	N	mg/Kg	☼	-113	75 - 125	0	20
Nickel	3.2		8.89	12.27		mg/Kg	☼	102	75 - 125	6	20
Potassium	218		444	658.8		mg/Kg	☼	99	75 - 125	3	20
Selenium	0.29	J	8.89	8.96		mg/Kg	☼	98	75 - 125	2	20
Silver	1.2		4.44	5.53		mg/Kg	☼	97	75 - 125	3	20
Sodium	86.8	J	444	572.7		mg/Kg	☼	109	75 - 125	5	20
Thallium	0.36	U	3.56	3.49		mg/Kg	☼	98	75 - 125	1	20
Vanadium	5.7		8.89	15.98		mg/Kg	☼	115	75 - 125	10	20
Zinc	70.4		44.4	129.5	N	mg/Kg	☼	133	75 - 125	8	20

Lab Sample ID: 460-336561-G-6-E DU
Matrix: Solid
Analysis Batch: 1067483

Client Sample ID: Duplicate
Prep Type: Total/NA
Prep Batch: 1067159

Analyte	Sample Result	Sample Qualifier	DU Result	DU Qualifier	Unit	D	RPD	RPD Limit
Aluminum	2350		2358		mg/Kg	☼	0.5	20
Antimony	0.22	J	0.245	J	mg/Kg	☼	10	20
Arsenic	1.5		1.68		mg/Kg	☼	10	20
Barium	32.9		32.06		mg/Kg	☼	3	20
Beryllium	0.095	J	0.126	J	mg/Kg	☼	28	20
Cadmium	0.10	J	0.105	J	mg/Kg	☼	2	20
Calcium	11700		22730	*	mg/Kg	☼	64	20
Chromium	4.2		4.05		mg/Kg	☼	5	20
Cobalt	1.3		1.56		mg/Kg	☼	22	20
Copper	19.7		19.81		mg/Kg	☼	0.4	20
Iron	4170		4838		mg/Kg	☼	15	20
Lead	91.1		113.7	*	mg/Kg	☼	22	20
Magnesium	5320		10200	*	mg/Kg	☼	63	20
Manganese	166		79.42	*	mg/Kg	☼	70	20
Nickel	3.2		3.57		mg/Kg	☼	10	20
Potassium	218		225.8		mg/Kg	☼	4	20
Selenium	0.29	J	0.403	J	mg/Kg	☼	33	20
Silver	1.2		1.45		mg/Kg	☼	18	20
Sodium	86.8	J	96.55		mg/Kg	☼	11	20
Thallium	0.36	U	0.0384	J	mg/Kg	☼	NC	20
Vanadium	5.7		6.03		mg/Kg	☼	5	20

Method: 6020B - Metals (ICP/MS) (Continued)

Lab Sample ID: 460-336561-G-6-E DU
Matrix: Solid
Analysis Batch: 1067483

Client Sample ID: Duplicate
Prep Type: Total/NA
Prep Batch: 1067159

Analyte	Sample Result	Sample Qualifier	DU Result	DU Qualifier	Unit	D	RPD	RPD Limit
Zinc	70.4		70.83		mg/Kg	☼	0.6	20

Method: 7471B - Mercury (CVAA)

Lab Sample ID: MB 460-1068118/1-A
Matrix: Solid
Analysis Batch: 1068226

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 1068118

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	0.017	U	0.017	0.0080	mg/Kg		10/14/25 02:12	10/14/25 07:32	1

Lab Sample ID: LCSSRM 460-1068118/2-A
Matrix: Solid
Analysis Batch: 1068226

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 1068118

Analyte	Spike Added	LCSSRM Result	LCSSRM Qualifier	Unit	D	%Rec	%Rec Limits
Mercury	14.1	11.75		mg/Kg		83.4	69.6 - 130.5

Lab Sample ID: 460-336463-B-13-G MS
Matrix: Solid
Analysis Batch: 1068226

Client Sample ID: Matrix Spike
Prep Type: Total/NA
Prep Batch: 1068118

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec Limits
Mercury	0.019	U	0.0916	0.0916		mg/Kg	☼	100	80 - 120

Lab Sample ID: 460-336463-B-13-F DU
Matrix: Solid
Analysis Batch: 1068226

Client Sample ID: Duplicate
Prep Type: Total/NA
Prep Batch: 1068118

Analyte	Sample Result	Sample Qualifier	DU Result	DU Qualifier	Unit	D	RPD	RPD Limit
Mercury	0.019	U	0.019	U	mg/Kg	☼	NC	20

Lab Sample ID: MB 460-1068119/1-A
Matrix: Solid
Analysis Batch: 1068226

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 1068119

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	0.017	U	0.017	0.0080	mg/Kg		10/14/25 02:33	10/14/25 08:56	1

Lab Sample ID: LCSSRM 460-1068119/2-A
Matrix: Solid
Analysis Batch: 1068226

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 1068119

Analyte	Spike Added	LCSSRM Result	LCSSRM Qualifier	Unit	D	%Rec	%Rec Limits
Mercury	14.1	12.04		mg/Kg		85.4	69.6 - 130.5

Method: 7471B - Mercury (CVAA) (Continued)

Lab Sample ID: 460-336628-B-3-L MS
Matrix: Solid
Analysis Batch: 1068226

Client Sample ID: Matrix Spike
Prep Type: Total/NA
Prep Batch: 1068119

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec Limits
Mercury	0.011	J	0.0893	0.0933		mg/Kg	☼	92	80 - 120

Lab Sample ID: 460-336628-B-3-M MSD
Matrix: Solid
Analysis Batch: 1068226

Client Sample ID: Matrix Spike Duplicate
Prep Type: Total/NA
Prep Batch: 1068119

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Mercury	0.011	J	0.0893	0.0973		mg/Kg	☼	96	80 - 120	4	20

Lab Sample ID: 460-336628-C-3-J DU
Matrix: Solid
Analysis Batch: 1068226

Client Sample ID: Duplicate
Prep Type: Total/NA
Prep Batch: 1068119

Analyte	Sample Result	Sample Qualifier	DU Result	DU Qualifier	Unit	D	RPD	RPD Limit
Mercury	0.011	J	0.0121	J	mg/Kg	☼	7	20

Method: Moisture - Percent Moisture

Lab Sample ID: 460-336540-A-19 DU
Matrix: Solid
Analysis Batch: 1066570

Client Sample ID: Duplicate
Prep Type: Total/NA

Analyte	Sample Result	Sample Qualifier	DU Result	DU Qualifier	Unit	D	RPD	RPD Limit
Percent Moisture	26.5		27.5		%		4	20
Percent Solids	73.5		72.5		%		1	20

Lab Sample ID: 460-336556-29 DU
Matrix: Solid
Analysis Batch: 1067051

Client Sample ID: 48C3_2-3
Prep Type: Total/NA

Analyte	Sample Result	Sample Qualifier	DU Result	DU Qualifier	Unit	D	RPD	RPD Limit
Percent Moisture	5.7		5.8		%		2	20
Percent Solids	94.3		94.2		%		0.1	20

Lab Sample ID: 460-336556-34 DU
Matrix: Solid
Analysis Batch: 1067051

Client Sample ID: 48D1_1-2
Prep Type: Total/NA

Analyte	Sample Result	Sample Qualifier	DU Result	DU Qualifier	Unit	D	RPD	RPD Limit
Percent Moisture	5.0		3.2	*	%		43	20
Percent Solids	95.0		96.8		%		2	20

Lab Sample ID: 460-336556-50 DU
Matrix: Solid
Analysis Batch: 1067051

Client Sample ID: 62A3_3-4
Prep Type: Total/NA

Analyte	Sample Result	Sample Qualifier	DU Result	DU Qualifier	Unit	D	RPD	RPD Limit
Percent Moisture	5.8		4.9		%		16	20
Percent Solids	94.2		95.1		%		0.9	20

GC/MS VOA

Analysis Batch: 1066601

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
460-336556-49	62A2_2-3	Total/NA	Solid	8260D	1066820
460-336556-50	62A3_3-4	Total/NA	Solid	8260D	1066820
460-336556-51	62A1_4-5	Total/NA	Solid	8260D	1066820
460-336556-53	62A3_7-8	Total/NA	Solid	8260D	1066820
460-336556-54	62A1_9-10	Total/NA	Solid	8260D	1066820
MB 460-1066601/7	Method Blank	Total/NA	Solid	8260D	
LCS 460-1066601/3	Lab Control Sample	Total/NA	Solid	8260D	
LCSD 460-1066601/4	Lab Control Sample Dup	Total/NA	Solid	8260D	

Analysis Batch: 1066734

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
460-336556-13	48A1_0-1	Total/NA	Solid	8260D	1066820
460-336556-14	48A2_3-4	Total/NA	Solid	8260D	1066820
460-336556-15	48A3_1-2	Total/NA	Solid	8260D	1066820
460-336556-16	48A1_4-5	Total/NA	Solid	8260D	1066820
460-336556-17	48A2_5-6	Total/NA	Solid	8260D	1066820
460-336556-18	48A3_2-3	Total/NA	Solid	8260D	1066820
460-336556-19	48A1_5-6	Total/NA	Solid	8260D	1066820
460-336556-20	48B1_0-1	Total/NA	Solid	8260D	1066820
460-336556-21	48B2_1-2	Total/NA	Solid	8260D	1066820
460-336556-22	48B3_2-3	Total/NA	Solid	8260D	1066820
460-336556-23	48B1_3-4	Total/NA	Solid	8260D	1066820
460-336556-24	48B2_4-5	Total/NA	Solid	8260D	1066820
460-336556-25	48B3_5-6	Total/NA	Solid	8260D	1066820
460-336556-26	48B2_5-6	Total/NA	Solid	8260D	1066820
460-336556-27	48C1_0-1	Total/NA	Solid	8260D	1066820
460-336556-28	48C2_1-2	Total/NA	Solid	8260D	1066820
MB 460-1066734/7	Method Blank	Total/NA	Solid	8260D	
LCS 460-1066734/3	Lab Control Sample	Total/NA	Solid	8260D	
LCSD 460-1066734/4	Lab Control Sample Dup	Total/NA	Solid	8260D	

Prep Batch: 1066820

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
460-336556-13	48A1_0-1	Total/NA	Solid	5035	
460-336556-14	48A2_3-4	Total/NA	Solid	5035	
460-336556-15	48A3_1-2	Total/NA	Solid	5035	
460-336556-16	48A1_4-5	Total/NA	Solid	5035	
460-336556-17	48A2_5-6	Total/NA	Solid	5035	
460-336556-18	48A3_2-3	Total/NA	Solid	5035	
460-336556-19	48A1_5-6	Total/NA	Solid	5035	
460-336556-20	48B1_0-1	Total/NA	Solid	5035	
460-336556-21	48B2_1-2	Total/NA	Solid	5035	
460-336556-22	48B3_2-3	Total/NA	Solid	5035	
460-336556-23	48B1_3-4	Total/NA	Solid	5035	
460-336556-24	48B2_4-5	Total/NA	Solid	5035	
460-336556-25	48B3_5-6	Total/NA	Solid	5035	
460-336556-26	48B2_5-6	Total/NA	Solid	5035	
460-336556-27	48C1_0-1	Total/NA	Solid	5035	
460-336556-28	48C2_1-2	Total/NA	Solid	5035	
460-336556-29	48C3_2-3	Total/NA	Solid	5035	
460-336556-30	48C1_3-4	Total/NA	Solid	5035	

GC/MS VOA (Continued)

Prep Batch: 1066820 (Continued)

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
460-336556-31	48C2_4-5	Total/NA	Solid	5035	
460-336556-32	48C3_5-6	Total/NA	Solid	5035	
460-336556-33	48C3_1-2	Total/NA	Solid	5035	
460-336556-34	48D1_1-2	Total/NA	Solid	5035	
460-336556-35	48D2_2-3	Total/NA	Solid	5035	
460-336556-36	48D3_3-4	Total/NA	Solid	5035	
460-336556-37	48D1_4-5	Total/NA	Solid	5035	
460-336556-38	48D2_5-6	Total/NA	Solid	5035	
460-336556-39	48D3_5-6	Total/NA	Solid	5035	
460-336556-40	48D1_2-3	Total/NA	Solid	5035	
460-336556-41	61A1_1-2	Total/NA	Solid	5035	
460-336556-42	61A2_2-3	Total/NA	Solid	5035	
460-336556-43	61A3_3-4	Total/NA	Solid	5035	
460-336556-44	61A1_4-5	Total/NA	Solid	5035	
460-336556-45	61A2_5-6	Total/NA	Solid	5035	
460-336556-46	61A3_5-6	Total/NA	Solid	5035	
460-336556-47	61A2_0-1	Total/NA	Solid	5035	
460-336556-48	62A1_1-2	Total/NA	Solid	5035	
460-336556-49	62A2_2-3	Total/NA	Solid	5035	
460-336556-50	62A3_3-4	Total/NA	Solid	5035	
460-336556-51	62A1_4-5	Total/NA	Solid	5035	
460-336556-52	62A2_5-6	Total/NA	Solid	5035	
460-336556-53	62A3_7-8	Total/NA	Solid	5035	
460-336556-54	62A1_9-10	Total/NA	Solid	5035	

Analysis Batch: 1066847

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
460-336556-29	48C3_2-3	Total/NA	Solid	8260D	1066820
460-336556-30	48C1_3-4	Total/NA	Solid	8260D	1066820
460-336556-31	48C2_4-5	Total/NA	Solid	8260D	1066820
460-336556-32	48C3_5-6	Total/NA	Solid	8260D	1066820
460-336556-33	48C3_1-2	Total/NA	Solid	8260D	1066820
460-336556-34	48D1_1-2	Total/NA	Solid	8260D	1066820
460-336556-35	48D2_2-3	Total/NA	Solid	8260D	1066820
460-336556-36	48D3_3-4	Total/NA	Solid	8260D	1066820
460-336556-37	48D1_4-5	Total/NA	Solid	8260D	1066820
460-336556-38	48D2_5-6	Total/NA	Solid	8260D	1066820
460-336556-39	48D3_5-6	Total/NA	Solid	8260D	1066820
460-336556-40	48D1_2-3	Total/NA	Solid	8260D	1066820
460-336556-41	61A1_1-2	Total/NA	Solid	8260D	1066820
460-336556-42	61A2_2-3	Total/NA	Solid	8260D	1066820
460-336556-43	61A3_3-4	Total/NA	Solid	8260D	1066820
460-336556-45	61A2_5-6	Total/NA	Solid	8260D	1066820
460-336556-46	61A3_5-6	Total/NA	Solid	8260D	1066820
460-336556-47	61A2_0-1	Total/NA	Solid	8260D	1066820
460-336556-48	62A1_1-2	Total/NA	Solid	8260D	1066820
MB 460-1066847/7	Method Blank	Total/NA	Solid	8260D	
LCS 460-1066847/3	Lab Control Sample	Total/NA	Solid	8260D	
LCSD 460-1066847/4	Lab Control Sample Dup	Total/NA	Solid	8260D	

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Analysis Batch: 1067096

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
460-336556-44	61A1_4-5	Total/NA	Solid	8260D	1066820
460-336556-52	62A2_5-6	Total/NA	Solid	8260D	1066820
MB 460-1067096/7	Method Blank	Total/NA	Solid	8260D	
LCS 460-1067096/3	Lab Control Sample	Total/NA	Solid	8260D	
LCSD 460-1067096/4	Lab Control Sample Dup	Total/NA	Solid	8260D	

GC/MS Semi VOA

Prep Batch: 1066619

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
460-336556-1	48A_0-3	Total/NA	Solid	3546	
460-336556-2	48A_3-6	Total/NA	Solid	3546	
460-336556-3	48B_0-3	Total/NA	Solid	3546	
460-336556-4	48B_3-6	Total/NA	Solid	3546	
460-336556-5	48C_0-3	Total/NA	Solid	3546	
460-336556-6	48C_3-6	Total/NA	Solid	3546	
460-336556-7	48D_0-3	Total/NA	Solid	3546	
460-336556-8	48D_3-6	Total/NA	Solid	3546	
460-336556-9	61A_0-3	Total/NA	Solid	3546	
460-336556-10	61A_3-6	Total/NA	Solid	3546	
460-336556-11	62A_0-5	Total/NA	Solid	3546	
460-336556-12	62A_5-10	Total/NA	Solid	3546	
MB 460-1066619/1-A	Method Blank	Total/NA	Solid	3546	
LCS 460-1066619/2-A	Lab Control Sample	Total/NA	Solid	3546	
LCSD 460-1066619/3-A	Lab Control Sample Dup	Total/NA	Solid	3546	

Analysis Batch: 1066663

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
460-336556-1	48A_0-3	Total/NA	Solid	8270E	1066619
460-336556-2	48A_3-6	Total/NA	Solid	8270E	1066619
460-336556-3	48B_0-3	Total/NA	Solid	8270E	1066619
460-336556-4	48B_3-6	Total/NA	Solid	8270E	1066619
460-336556-5	48C_0-3	Total/NA	Solid	8270E	1066619
460-336556-6	48C_3-6	Total/NA	Solid	8270E	1066619
460-336556-7	48D_0-3	Total/NA	Solid	8270E	1066619
460-336556-8	48D_3-6	Total/NA	Solid	8270E	1066619
460-336556-9	61A_0-3	Total/NA	Solid	8270E	1066619
460-336556-10	61A_3-6	Total/NA	Solid	8270E	1066619
460-336556-11	62A_0-5	Total/NA	Solid	8270E	1066619
460-336556-12	62A_5-10	Total/NA	Solid	8270E	1066619
MB 460-1066619/1-A	Method Blank	Total/NA	Solid	8270E	1066619
LCS 460-1066619/2-A	Lab Control Sample	Total/NA	Solid	8270E	1066619
LCSD 460-1066619/3-A	Lab Control Sample Dup	Total/NA	Solid	8270E	1066619

GC Semi VOA

Prep Batch: 1066582

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
460-336556-1	48A_0-3	Total/NA	Solid	3546	
460-336556-2	48A_3-6	Total/NA	Solid	3546	
460-336556-3	48B_0-3	Total/NA	Solid	3546	
460-336556-4	48B_3-6	Total/NA	Solid	3546	

GC Semi VOA (Continued)

Prep Batch: 1066582 (Continued)

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
460-336556-5	48C_0-3	Total/NA	Solid	3546	
460-336556-6	48C_3-6	Total/NA	Solid	3546	
460-336556-7	48D_0-3	Total/NA	Solid	3546	
460-336556-8	48D_3-6	Total/NA	Solid	3546	
460-336556-9	61A_0-3	Total/NA	Solid	3546	
460-336556-10	61A_3-6	Total/NA	Solid	3546	
460-336556-11	62A_0-5	Total/NA	Solid	3546	
460-336556-12	62A_5-10	Total/NA	Solid	3546	
MB 460-1066582/1-A	Method Blank	Total/NA	Solid	3546	
LCS 460-1066582/2-A	Lab Control Sample	Total/NA	Solid	3546	
LCSD 460-1066582/3-A	Lab Control Sample Dup	Total/NA	Solid	3546	
460-336556-1 MS	48A_0-3	Total/NA	Solid	3546	
460-336556-1 MSD	48A_0-3	Total/NA	Solid	3546	

Prep Batch: 1066585

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
460-336556-1	48A_0-3	Total/NA	Solid	3546	
460-336556-2	48A_3-6	Total/NA	Solid	3546	
460-336556-3	48B_0-3	Total/NA	Solid	3546	
460-336556-4	48B_3-6	Total/NA	Solid	3546	
460-336556-5	48C_0-3	Total/NA	Solid	3546	
460-336556-6	48C_3-6	Total/NA	Solid	3546	
460-336556-7	48D_0-3	Total/NA	Solid	3546	
460-336556-8	48D_3-6	Total/NA	Solid	3546	
460-336556-9	61A_0-3	Total/NA	Solid	3546	
460-336556-10	61A_3-6	Total/NA	Solid	3546	
460-336556-11	62A_0-5	Total/NA	Solid	3546	
460-336556-12	62A_5-10	Total/NA	Solid	3546	
MB 460-1066585/1-A	Method Blank	Total/NA	Solid	3546	
LCS 460-1066585/2-A	Lab Control Sample	Total/NA	Solid	3546	
LCSD 460-1066585/3-A	Lab Control Sample Dup	Total/NA	Solid	3546	
460-336556-1 MS	48A_0-3	Total/NA	Solid	3546	
460-336556-1 MSD	48A_0-3	Total/NA	Solid	3546	

Analysis Batch: 1066658

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
460-336556-1	48A_0-3	Total/NA	Solid	8081B	1066585
460-336556-2	48A_3-6	Total/NA	Solid	8081B	1066585
460-336556-3	48B_0-3	Total/NA	Solid	8081B	1066585
460-336556-4	48B_3-6	Total/NA	Solid	8081B	1066585
460-336556-5	48C_0-3	Total/NA	Solid	8081B	1066585
460-336556-6	48C_3-6	Total/NA	Solid	8081B	1066585
460-336556-7	48D_0-3	Total/NA	Solid	8081B	1066585
460-336556-8	48D_3-6	Total/NA	Solid	8081B	1066585
460-336556-9	61A_0-3	Total/NA	Solid	8081B	1066585
460-336556-10	61A_3-6	Total/NA	Solid	8081B	1066585
460-336556-11	62A_0-5	Total/NA	Solid	8081B	1066585
460-336556-12	62A_5-10	Total/NA	Solid	8081B	1066585
MB 460-1066585/1-A	Method Blank	Total/NA	Solid	8081B	1066585
LCS 460-1066585/2-A	Lab Control Sample	Total/NA	Solid	8081B	1066585
LCSD 460-1066585/3-A	Lab Control Sample Dup	Total/NA	Solid	8081B	1066585

GC Semi VOA (Continued)

Analysis Batch: 1066658 (Continued)

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
460-336556-1 MS	48A_0-3	Total/NA	Solid	8081B	1066585
460-336556-1 MSD	48A_0-3	Total/NA	Solid	8081B	1066585

Analysis Batch: 1066698

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
460-336556-1	48A_0-3	Total/NA	Solid	8082A	1066582
460-336556-2	48A_3-6	Total/NA	Solid	8082A	1066582
460-336556-3	48B_0-3	Total/NA	Solid	8082A	1066582
460-336556-4	48B_3-6	Total/NA	Solid	8082A	1066582
460-336556-5	48C_0-3	Total/NA	Solid	8082A	1066582
460-336556-6	48C_3-6	Total/NA	Solid	8082A	1066582
460-336556-7	48D_0-3	Total/NA	Solid	8082A	1066582
460-336556-8	48D_3-6	Total/NA	Solid	8082A	1066582
460-336556-9	61A_0-3	Total/NA	Solid	8082A	1066582
460-336556-10	61A_3-6	Total/NA	Solid	8082A	1066582
460-336556-11	62A_0-5	Total/NA	Solid	8082A	1066582
460-336556-12	62A_5-10	Total/NA	Solid	8082A	1066582
MB 460-1066582/1-A	Method Blank	Total/NA	Solid	8082A	1066582
LCS 460-1066582/2-A	Lab Control Sample	Total/NA	Solid	8082A	1066582
LCSD 460-1066582/3-A	Lab Control Sample Dup	Total/NA	Solid	8082A	1066582
460-336556-1 MS	48A_0-3	Total/NA	Solid	8082A	1066582
460-336556-1 MSD	48A_0-3	Total/NA	Solid	8082A	1066582

LCMS

Analysis Batch: 710788

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
460-336556-1	48A_0-3	Total/NA	Solid	1633A	710924
460-336556-2	48A_3-6	Total/NA	Solid	1633A	710924
460-336556-3	48B_0-3	Total/NA	Solid	1633A	710924
460-336556-4	48B_3-6	Total/NA	Solid	1633A	710924
460-336556-5	48C_0-3	Total/NA	Solid	1633A	710924
460-336556-6	48C_3-6	Total/NA	Solid	1633A	710924
460-336556-7	48D_0-3	Total/NA	Solid	1633A	710924
460-336556-8	48D_3-6	Total/NA	Solid	1633A	710924
460-336556-9	61A_0-3	Total/NA	Solid	1633A	710924
460-336556-10	61A_3-6	Total/NA	Solid	1633A	710924
460-336556-11	62A_0-5	Total/NA	Solid	1633A	710924
MB 410-710924/1-A	Method Blank	Total/NA	Solid	1633A	710924
LCS 410-710924/2-A	Lab Control Sample	Total/NA	Solid	1633A	710924
LCSD 410-710924/3-A	Lab Control Sample Dup	Total/NA	Solid	1633A	710924
LLCS 410-710924/4-A	Lab Control Sample	Total/NA	Solid	1633A	710924

Prep Batch: 710924

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
460-336556-1	48A_0-3	Total/NA	Solid	1633A Shake	
460-336556-2	48A_3-6	Total/NA	Solid	1633A Shake	
460-336556-3	48B_0-3	Total/NA	Solid	1633A Shake	
460-336556-4	48B_3-6	Total/NA	Solid	1633A Shake	
460-336556-5	48C_0-3	Total/NA	Solid	1633A Shake	
460-336556-6	48C_3-6	Total/NA	Solid	1633A Shake	

LCMS (Continued)

Prep Batch: 710924 (Continued)

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
460-336556-7	48D_0-3	Total/NA	Solid	1633A Shake	
460-336556-8	48D_3-6	Total/NA	Solid	1633A Shake	
460-336556-9	61A_0-3	Total/NA	Solid	1633A Shake	
460-336556-10	61A_3-6	Total/NA	Solid	1633A Shake	
460-336556-11	62A_0-5	Total/NA	Solid	1633A Shake	
MB 410-710924/1-A	Method Blank	Total/NA	Solid	1633A Shake	
LCS 410-710924/2-A	Lab Control Sample	Total/NA	Solid	1633A Shake	
LCSD 410-710924/3-A	Lab Control Sample Dup	Total/NA	Solid	1633A Shake	
LLCS 410-710924/4-A	Lab Control Sample	Total/NA	Solid	1633A Shake	

Prep Batch: 710926

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
460-336556-12	62A_5-10	Total/NA	Solid	1633A Shake	
MB 410-710926/1-A	Method Blank	Total/NA	Solid	1633A Shake	
LCS 410-710926/2-A	Lab Control Sample	Total/NA	Solid	1633A Shake	
LLCS 410-710926/3-A	Lab Control Sample	Total/NA	Solid	1633A Shake	
460-336540-C-19-B MS	Matrix Spike	Total/NA	Solid	1633A Shake	
460-336540-C-19-C MSD	Matrix Spike Duplicate	Total/NA	Solid	1633A Shake	

Analysis Batch: 711345

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
460-336556-12	62A_5-10	Total/NA	Solid	1633A	710926
MB 410-710926/1-A	Method Blank	Total/NA	Solid	1633A	710926
LCS 410-710926/2-A	Lab Control Sample	Total/NA	Solid	1633A	710926
LLCS 410-710926/3-A	Lab Control Sample	Total/NA	Solid	1633A	710926
460-336540-C-19-B MS	Matrix Spike	Total/NA	Solid	1633A	710926
460-336540-C-19-C MSD	Matrix Spike Duplicate	Total/NA	Solid	1633A	710926

Metals

Prep Batch: 1067158

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
460-336556-1	48A_0-3	Total/NA	Solid	3050B	
460-336556-2	48A_3-6	Total/NA	Solid	3050B	
460-336556-3	48B_0-3	Total/NA	Solid	3050B	
460-336556-4	48B_3-6	Total/NA	Solid	3050B	
460-336556-5	48C_0-3	Total/NA	Solid	3050B	
460-336556-6	48C_3-6	Total/NA	Solid	3050B	
MB 460-1067158/1-A	Method Blank	Total/NA	Solid	3050B	
LCSSRM 460-1067158/2-A	Lab Control Sample	Total/NA	Solid	3050B	
460-336139-A-9-C MS	Matrix Spike	Total/NA	Solid	3050B	
460-336139-A-9-B DU	Duplicate	Total/NA	Solid	3050B	

Prep Batch: 1067159

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
460-336556-7	48D_0-3	Total/NA	Solid	3050B	
460-336556-8	48D_3-6	Total/NA	Solid	3050B	
460-336556-9	61A_0-3	Total/NA	Solid	3050B	
460-336556-10	61A_3-6	Total/NA	Solid	3050B	
460-336556-11	62A_0-5	Total/NA	Solid	3050B	
460-336556-12	62A_5-10	Total/NA	Solid	3050B	

Metals (Continued)

Prep Batch: 1067159 (Continued)

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
MB 460-1067159/1-A	Method Blank	Total/NA	Solid	3050B	
LCSSRM 460-1067159/2-A	Lab Control Sample	Total/NA	Solid	3050B	
460-336561-F-6-A MS	Matrix Spike	Total/NA	Solid	3050B	
460-336561-G-6-F MSD	Matrix Spike Duplicate	Total/NA	Solid	3050B	
460-336561-G-6-E DU	Duplicate	Total/NA	Solid	3050B	

Analysis Batch: 1067478

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
460-336556-1	48A_0-3	Total/NA	Solid	6020B	1067158
460-336556-2	48A_3-6	Total/NA	Solid	6020B	1067158
460-336556-3	48B_0-3	Total/NA	Solid	6020B	1067158
460-336556-4	48B_3-6	Total/NA	Solid	6020B	1067158
460-336556-5	48C_0-3	Total/NA	Solid	6020B	1067158
460-336556-6	48C_3-6	Total/NA	Solid	6020B	1067158
MB 460-1067158/1-A	Method Blank	Total/NA	Solid	6020B	1067158
LCSSRM 460-1067158/2-A	Lab Control Sample	Total/NA	Solid	6020B	1067158
460-336139-A-9-C MS	Matrix Spike	Total/NA	Solid	6020B	1067158
460-336139-A-9-B DU	Duplicate	Total/NA	Solid	6020B	1067158

Analysis Batch: 1067483

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
460-336556-7	48D_0-3	Total/NA	Solid	6020B	1067159
460-336556-8	48D_3-6	Total/NA	Solid	6020B	1067159
460-336556-9	61A_0-3	Total/NA	Solid	6020B	1067159
460-336556-10	61A_3-6	Total/NA	Solid	6020B	1067159
460-336556-11	62A_0-5	Total/NA	Solid	6020B	1067159
460-336556-12	62A_5-10	Total/NA	Solid	6020B	1067159
MB 460-1067159/1-A	Method Blank	Total/NA	Solid	6020B	1067159
LCSSRM 460-1067159/2-A	Lab Control Sample	Total/NA	Solid	6020B	1067159
460-336561-F-6-A MS	Matrix Spike	Total/NA	Solid	6020B	1067159
460-336561-G-6-F MSD	Matrix Spike Duplicate	Total/NA	Solid	6020B	1067159
460-336561-G-6-E DU	Duplicate	Total/NA	Solid	6020B	1067159

Prep Batch: 1068118

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
460-336556-1	48A_0-3	Total/NA	Solid	7471B	
460-336556-2	48A_3-6	Total/NA	Solid	7471B	
460-336556-3	48B_0-3	Total/NA	Solid	7471B	
460-336556-4	48B_3-6	Total/NA	Solid	7471B	
460-336556-5	48C_0-3	Total/NA	Solid	7471B	
460-336556-6	48C_3-6	Total/NA	Solid	7471B	
460-336556-7	48D_0-3	Total/NA	Solid	7471B	
460-336556-8	48D_3-6	Total/NA	Solid	7471B	
460-336556-9	61A_0-3	Total/NA	Solid	7471B	
460-336556-10	61A_3-6	Total/NA	Solid	7471B	
460-336556-11	62A_0-5	Total/NA	Solid	7471B	
MB 460-1068118/1-A	Method Blank	Total/NA	Solid	7471B	
LCSSRM 460-1068118/2-A	Lab Control Sample	Total/NA	Solid	7471B	
460-336463-B-13-G MS	Matrix Spike	Total/NA	Solid	7471B	
460-336463-B-13-F DU	Duplicate	Total/NA	Solid	7471B	

Metals

Prep Batch: 1068119

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
460-336556-12	62A_5-10	Total/NA	Solid	7471B	
MB 460-1068119/1-A	Method Blank	Total/NA	Solid	7471B	
LCSSRM 460-1068119/2-A	Lab Control Sample	Total/NA	Solid	7471B	
460-336628-B-3-L MS	Matrix Spike	Total/NA	Solid	7471B	
460-336628-B-3-M MSD	Matrix Spike Duplicate	Total/NA	Solid	7471B	
460-336628-C-3-J DU	Duplicate	Total/NA	Solid	7471B	

Analysis Batch: 1068226

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
460-336556-1	48A_0-3	Total/NA	Solid	7471B	1068118
460-336556-2	48A_3-6	Total/NA	Solid	7471B	1068118
460-336556-3	48B_0-3	Total/NA	Solid	7471B	1068118
460-336556-4	48B_3-6	Total/NA	Solid	7471B	1068118
460-336556-5	48C_0-3	Total/NA	Solid	7471B	1068118
460-336556-6	48C_3-6	Total/NA	Solid	7471B	1068118
460-336556-7	48D_0-3	Total/NA	Solid	7471B	1068118
460-336556-8	48D_3-6	Total/NA	Solid	7471B	1068118
460-336556-9	61A_0-3	Total/NA	Solid	7471B	1068118
460-336556-10	61A_3-6	Total/NA	Solid	7471B	1068118
460-336556-11	62A_0-5	Total/NA	Solid	7471B	1068118
460-336556-12	62A_5-10	Total/NA	Solid	7471B	1068119
MB 460-1068118/1-A	Method Blank	Total/NA	Solid	7471B	1068118
MB 460-1068119/1-A	Method Blank	Total/NA	Solid	7471B	1068119
LCSSRM 460-1068118/2-A	Lab Control Sample	Total/NA	Solid	7471B	1068118
LCSSRM 460-1068119/2-A	Lab Control Sample	Total/NA	Solid	7471B	1068119
460-336463-B-13-G MS	Matrix Spike	Total/NA	Solid	7471B	1068118
460-336628-B-3-L MS	Matrix Spike	Total/NA	Solid	7471B	1068119
460-336628-B-3-M MSD	Matrix Spike Duplicate	Total/NA	Solid	7471B	1068119
460-336463-B-13-F DU	Duplicate	Total/NA	Solid	7471B	1068118
460-336628-C-3-J DU	Duplicate	Total/NA	Solid	7471B	1068119

General Chemistry

Analysis Batch: 1066570

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
460-336556-1	48A_0-3	Total/NA	Solid	Moisture	
460-336556-2	48A_3-6	Total/NA	Solid	Moisture	
460-336556-3	48B_0-3	Total/NA	Solid	Moisture	
460-336556-4	48B_3-6	Total/NA	Solid	Moisture	
460-336556-5	48C_0-3	Total/NA	Solid	Moisture	
460-336556-6	48C_3-6	Total/NA	Solid	Moisture	
460-336556-7	48D_0-3	Total/NA	Solid	Moisture	
460-336556-8	48D_3-6	Total/NA	Solid	Moisture	
460-336556-9	61A_0-3	Total/NA	Solid	Moisture	
460-336556-10	61A_3-6	Total/NA	Solid	Moisture	
460-336556-11	62A_0-5	Total/NA	Solid	Moisture	
460-336556-12	62A_5-10	Total/NA	Solid	Moisture	
460-336540-A-19 MS	Matrix Spike	Total/NA	Solid	Moisture	
460-336540-A-19 MSD	Matrix Spike Duplicate	Total/NA	Solid	Moisture	
460-336540-A-19 DU	Duplicate	Total/NA	Solid	Moisture	

General Chemistry

Analysis Batch: 1067051

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
460-336556-13	48A1_0-1	Total/NA	Solid	Moisture	
460-336556-14	48A2_3-4	Total/NA	Solid	Moisture	
460-336556-15	48A3_1-2	Total/NA	Solid	Moisture	
460-336556-16	48A1_4-5	Total/NA	Solid	Moisture	
460-336556-17	48A2_5-6	Total/NA	Solid	Moisture	
460-336556-18	48A3_2-3	Total/NA	Solid	Moisture	
460-336556-19	48A1_5-6	Total/NA	Solid	Moisture	
460-336556-20	48B1_0-1	Total/NA	Solid	Moisture	
460-336556-21	48B2_1-2	Total/NA	Solid	Moisture	
460-336556-22	48B3_2-3	Total/NA	Solid	Moisture	
460-336556-23	48B1_3-4	Total/NA	Solid	Moisture	
460-336556-24	48B2_4-5	Total/NA	Solid	Moisture	
460-336556-25	48B3_5-6	Total/NA	Solid	Moisture	
460-336556-26	48B2_5-6	Total/NA	Solid	Moisture	
460-336556-27	48C1_0-1	Total/NA	Solid	Moisture	
460-336556-28	48C2_1-2	Total/NA	Solid	Moisture	
460-336556-29	48C3_2-3	Total/NA	Solid	Moisture	
460-336556-30	48C1_3-4	Total/NA	Solid	Moisture	
460-336556-31	48C2_4-5	Total/NA	Solid	Moisture	
460-336556-32	48C3_5-6	Total/NA	Solid	Moisture	
460-336556-33	48C3_1-2	Total/NA	Solid	Moisture	
460-336556-34	48D1_1-2	Total/NA	Solid	Moisture	
460-336556-35	48D2_2-3	Total/NA	Solid	Moisture	
460-336556-36	48D3_3-4	Total/NA	Solid	Moisture	
460-336556-37	48D1_4-5	Total/NA	Solid	Moisture	
460-336556-38	48D2_5-6	Total/NA	Solid	Moisture	
460-336556-39	48D3_5-6	Total/NA	Solid	Moisture	
460-336556-40	48D1_2-3	Total/NA	Solid	Moisture	
460-336556-41	61A1_1-2	Total/NA	Solid	Moisture	
460-336556-42	61A2_2-3	Total/NA	Solid	Moisture	
460-336556-43	61A3_3-4	Total/NA	Solid	Moisture	
460-336556-44	61A1_4-5	Total/NA	Solid	Moisture	
460-336556-45	61A2_5-6	Total/NA	Solid	Moisture	
460-336556-46	61A3_5-6	Total/NA	Solid	Moisture	
460-336556-47	61A2_0-1	Total/NA	Solid	Moisture	
460-336556-48	62A1_1-2	Total/NA	Solid	Moisture	
460-336556-49	62A2_2-3	Total/NA	Solid	Moisture	
460-336556-50	62A3_3-4	Total/NA	Solid	Moisture	
460-336556-51	62A1_4-5	Total/NA	Solid	Moisture	
460-336556-52	62A2_5-6	Total/NA	Solid	Moisture	
460-336556-53	62A3_7-8	Total/NA	Solid	Moisture	
460-336556-54	62A1_9-10	Total/NA	Solid	Moisture	
460-336561-D-6 MS	Matrix Spike	Total/NA	Solid	Moisture	
460-336561-D-6 MSD	Matrix Spike Duplicate	Total/NA	Solid	Moisture	
460-336556-29 DU	48C3_2-3	Total/NA	Solid	Moisture	
460-336556-34 DU	48D1_1-2	Total/NA	Solid	Moisture	
460-336556-50 DU	62A3_3-4	Total/NA	Solid	Moisture	

Lab Chronicle

Client: Haley & Aldrich, Inc.
Project/Site: Former Port Mobil

Job ID: 460-336556-1

Client Sample ID: 48A_0-3
Date Collected: 10/06/25 08:00
Date Received: 10/06/25 15:30

Lab Sample ID: 460-336556-1
Matrix: Solid

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Analysis	Moisture		1	1066570	CJC	EET EDI	10/07/25 16:13

Client Sample ID: 48A_0-3
Date Collected: 10/06/25 08:00
Date Received: 10/06/25 15:30

Lab Sample ID: 460-336556-1
Matrix: Solid
Percent Solids: 96.0

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Prep	3546			1066619	GXY	EET EDI	10/07/25 21:44
Total/NA	Analysis	8270E		1	1066663	MDJ	EET EDI	10/08/25 12:35
Total/NA	Prep	3546			1066585	ARA	EET EDI	10/07/25 17:46
Total/NA	Analysis	8081B		1	1066658	FAM	EET EDI	10/08/25 08:21
Total/NA	Prep	3546			1066582	ARA	EET EDI	10/07/25 17:40
Total/NA	Analysis	8082A		1	1066698	MJS	EET EDI	10/08/25 09:51
Total/NA	Prep	1633A Shake			710924	MSH2	ELLE	10/08/25 14:13
Total/NA	Analysis	1633A		1	710788	P7EB	ELLE	10/09/25 06:59
Total/NA	Prep	3050B			1067158	GAE	EET EDI	10/09/25 16:40
Total/NA	Analysis	6020B		1	1067478	CDC	EET EDI	10/10/25 19:32
Total/NA	Prep	7471B			1068118	TJS	EET EDI	10/14/25 02:12
Total/NA	Analysis	7471B		1	1068226	TJS	EET EDI	10/14/25 08:18

Client Sample ID: 48A_3-6
Date Collected: 10/06/25 08:05
Date Received: 10/06/25 15:30

Lab Sample ID: 460-336556-2
Matrix: Solid

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Analysis	Moisture		1	1066570	CJC	EET EDI	10/07/25 16:13

Client Sample ID: 48A_3-6
Date Collected: 10/06/25 08:05
Date Received: 10/06/25 15:30

Lab Sample ID: 460-336556-2
Matrix: Solid
Percent Solids: 94.5

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Prep	3546			1066619	GXY	EET EDI	10/07/25 21:44
Total/NA	Analysis	8270E		1	1066663	MDJ	EET EDI	10/08/25 12:58
Total/NA	Prep	3546			1066585	ARA	EET EDI	10/07/25 17:46
Total/NA	Analysis	8081B		1	1066658	FAM	EET EDI	10/08/25 09:09
Total/NA	Prep	3546			1066582	ARA	EET EDI	10/07/25 17:40
Total/NA	Analysis	8082A		1	1066698	MJS	EET EDI	10/08/25 10:08
Total/NA	Prep	1633A Shake			710924	MSH2	ELLE	10/08/25 14:13
Total/NA	Analysis	1633A		1	710788	P7EB	ELLE	10/09/25 07:13
Total/NA	Prep	3050B			1067158	GAE	EET EDI	10/09/25 16:40
Total/NA	Analysis	6020B		1	1067478	CDC	EET EDI	10/10/25 19:34
Total/NA	Prep	7471B			1068118	TJS	EET EDI	10/14/25 02:12
Total/NA	Analysis	7471B		1	1068226	TJS	EET EDI	10/14/25 08:21

Client Sample ID: 48B_0-3
Date Collected: 10/06/25 08:10
Date Received: 10/06/25 15:30

Lab Sample ID: 460-336556-3
Matrix: Solid

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Analysis	Moisture		1	1066570	CJC	EET EDI	10/07/25 16:13

Client Sample ID: 48B_0-3
Date Collected: 10/06/25 08:10
Date Received: 10/06/25 15:30

Lab Sample ID: 460-336556-3
Matrix: Solid
Percent Solids: 95.4

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Prep	3546			1066619	GXY	EET EDI	10/07/25 21:44
Total/NA	Analysis	8270E		1	1066663	MDJ	EET EDI	10/08/25 13:21
Total/NA	Prep	3546			1066585	ARA	EET EDI	10/07/25 17:46
Total/NA	Analysis	8081B		1	1066658	FAM	EET EDI	10/08/25 09:25
Total/NA	Prep	3546			1066582	ARA	EET EDI	10/07/25 17:40
Total/NA	Analysis	8082A		1	1066698	MJS	EET EDI	10/08/25 10:26
Total/NA	Prep	1633A Shake			710924	MSH2	ELLE	10/08/25 14:13
Total/NA	Analysis	1633A		1	710788	P7EB	ELLE	10/09/25 07:26
Total/NA	Prep	3050B			1067158	GAE	EET EDI	10/09/25 16:40
Total/NA	Analysis	6020B		1	1067478	CDC	EET EDI	10/10/25 19:37
Total/NA	Prep	7471B			1068118	TJS	EET EDI	10/14/25 02:12
Total/NA	Analysis	7471B		1	1068226	TJS	EET EDI	10/14/25 08:24

Client Sample ID: 48B_3-6
Date Collected: 10/06/25 08:15
Date Received: 10/06/25 15:30

Lab Sample ID: 460-336556-4
Matrix: Solid

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Analysis	Moisture		1	1066570	CJC	EET EDI	10/07/25 16:13

Client Sample ID: 48B_3-6
Date Collected: 10/06/25 08:15
Date Received: 10/06/25 15:30

Lab Sample ID: 460-336556-4
Matrix: Solid
Percent Solids: 91.0

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Prep	3546			1066619	GXY	EET EDI	10/07/25 21:44
Total/NA	Analysis	8270E		1	1066663	MDJ	EET EDI	10/08/25 11:26
Total/NA	Prep	3546			1066585	ARA	EET EDI	10/07/25 17:46
Total/NA	Analysis	8081B		1	1066658	FAM	EET EDI	10/08/25 09:41
Total/NA	Prep	3546			1066582	ARA	EET EDI	10/07/25 17:40
Total/NA	Analysis	8082A		1	1066698	MJS	EET EDI	10/08/25 10:43
Total/NA	Prep	1633A Shake			710924	MSH2	ELLE	10/08/25 14:13
Total/NA	Analysis	1633A		1	710788	P7EB	ELLE	10/09/25 08:07
Total/NA	Prep	3050B			1067158	GAE	EET EDI	10/09/25 16:40
Total/NA	Analysis	6020B		1	1067478	CDC	EET EDI	10/10/25 19:40
Total/NA	Prep	7471B			1068118	TJS	EET EDI	10/14/25 02:12
Total/NA	Analysis	7471B		1	1068226	TJS	EET EDI	10/14/25 08:27

Client Sample ID: 48C_0-3
Date Collected: 10/06/25 08:20
Date Received: 10/06/25 15:30

Lab Sample ID: 460-336556-5
Matrix: Solid

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Analysis	Moisture		1	1066570	CJC	EET EDI	10/07/25 16:13

Client Sample ID: 48C_0-3
Date Collected: 10/06/25 08:20
Date Received: 10/06/25 15:30

Lab Sample ID: 460-336556-5
Matrix: Solid
Percent Solids: 92.4

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Prep	3546			1066619	GXY	EET EDI	10/07/25 21:44
Total/NA	Analysis	8270E		1	1066663	MDJ	EET EDI	10/08/25 14:08
Total/NA	Prep	3546			1066585	ARA	EET EDI	10/07/25 17:46
Total/NA	Analysis	8081B		1	1066658	FAM	EET EDI	10/08/25 09:56
Total/NA	Prep	3546			1066582	ARA	EET EDI	10/07/25 17:40
Total/NA	Analysis	8082A		1	1066698	MJS	EET EDI	10/08/25 11:18
Total/NA	Prep	1633A Shake			710924	MSH2	ELLE	10/08/25 14:13
Total/NA	Analysis	1633A		1	710788	P7EB	ELLE	10/09/25 08:21
Total/NA	Prep	3050B			1067158	GAE	EET EDI	10/09/25 16:40
Total/NA	Analysis	6020B		1	1067478	CDC	EET EDI	10/10/25 19:42
Total/NA	Prep	7471B			1068118	TJS	EET EDI	10/14/25 02:12
Total/NA	Analysis	7471B		1	1068226	TJS	EET EDI	10/14/25 08:30

Client Sample ID: 48C_3-6
Date Collected: 10/06/25 08:25
Date Received: 10/06/25 15:30

Lab Sample ID: 460-336556-6
Matrix: Solid

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Analysis	Moisture		1	1066570	CJC	EET EDI	10/07/25 16:13

Client Sample ID: 48C_3-6
Date Collected: 10/06/25 08:25
Date Received: 10/06/25 15:30

Lab Sample ID: 460-336556-6
Matrix: Solid
Percent Solids: 93.0

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Prep	3546			1066619	GXY	EET EDI	10/07/25 21:44
Total/NA	Analysis	8270E		1	1066663	MDJ	EET EDI	10/08/25 13:44
Total/NA	Prep	3546			1066585	ARA	EET EDI	10/07/25 17:46
Total/NA	Analysis	8081B		1	1066658	FAM	EET EDI	10/08/25 10:12
Total/NA	Prep	3546			1066582	ARA	EET EDI	10/07/25 17:40
Total/NA	Analysis	8082A		1	1066698	MJS	EET EDI	10/08/25 11:35
Total/NA	Prep	1633A Shake			710924	MSH2	ELLE	10/08/25 14:13
Total/NA	Analysis	1633A		1	710788	P7EB	ELLE	10/09/25 08:34
Total/NA	Prep	3050B			1067158	GAE	EET EDI	10/09/25 16:40
Total/NA	Analysis	6020B		1	1067478	CDC	EET EDI	10/10/25 20:11
Total/NA	Prep	7471B			1068118	TJS	EET EDI	10/14/25 02:12
Total/NA	Analysis	7471B		1	1068226	TJS	EET EDI	10/14/25 08:33

Lab Chronicle

Client: Haley & Aldrich, Inc.
Project/Site: Former Port Mobil

Job ID: 460-336556-1

Client Sample ID: 48D_0-3
Date Collected: 10/06/25 08:30
Date Received: 10/06/25 15:30

Lab Sample ID: 460-336556-7
Matrix: Solid

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Analysis	Moisture		1	1066570	CJC	EET EDI	10/07/25 16:13

Client Sample ID: 48D_0-3
Date Collected: 10/06/25 08:30
Date Received: 10/06/25 15:30

Lab Sample ID: 460-336556-7
Matrix: Solid
Percent Solids: 93.5

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Prep	3546			1066619	GXY	EET EDI	10/07/25 21:44
Total/NA	Analysis	8270E		1	1066663	MDJ	EET EDI	10/08/25 10:16
Total/NA	Prep	3546			1066585	ARA	EET EDI	10/07/25 17:46
Total/NA	Analysis	8081B		1	1066658	FAM	EET EDI	10/08/25 10:28
Total/NA	Prep	3546			1066582	ARA	EET EDI	10/07/25 17:40
Total/NA	Analysis	8082A		1	1066698	MJS	EET EDI	10/08/25 11:52
Total/NA	Prep	1633A Shake			710924	MSH2	ELLE	10/08/25 14:13
Total/NA	Analysis	1633A		1	710788	P7EB	ELLE	10/09/25 08:48
Total/NA	Prep	3050B			1067159	GAE	EET EDI	10/09/25 18:35
Total/NA	Analysis	6020B		1	1067483	CDC	EET EDI	10/10/25 18:04
Total/NA	Prep	7471B			1068118	TJS	EET EDI	10/14/25 02:12
Total/NA	Analysis	7471B		1	1068226	TJS	EET EDI	10/14/25 08:41

Client Sample ID: 48D_3-6
Date Collected: 10/06/25 08:35
Date Received: 10/06/25 15:30

Lab Sample ID: 460-336556-8
Matrix: Solid

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Analysis	Moisture		1	1066570	CJC	EET EDI	10/07/25 16:13

Client Sample ID: 48D_3-6
Date Collected: 10/06/25 08:35
Date Received: 10/06/25 15:30

Lab Sample ID: 460-336556-8
Matrix: Solid
Percent Solids: 97.2

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Prep	3546			1066619	GXY	EET EDI	10/07/25 21:44
Total/NA	Analysis	8270E		1	1066663	MDJ	EET EDI	10/08/25 14:31
Total/NA	Prep	3546			1066585	ARA	EET EDI	10/07/25 17:46
Total/NA	Analysis	8081B		1	1066658	FAM	EET EDI	10/08/25 10:44
Total/NA	Prep	3546			1066582	ARA	EET EDI	10/07/25 17:40
Total/NA	Analysis	8082A		1	1066698	MJS	EET EDI	10/08/25 12:10
Total/NA	Prep	1633A Shake			710924	MSH2	ELLE	10/08/25 14:13
Total/NA	Analysis	1633A		1	710788	P7EB	ELLE	10/09/25 09:01
Total/NA	Prep	3050B			1067159	GAE	EET EDI	10/09/25 18:35
Total/NA	Analysis	6020B		1	1067483	CDC	EET EDI	10/10/25 18:07
Total/NA	Prep	7471B			1068118	TJS	EET EDI	10/14/25 02:12
Total/NA	Analysis	7471B		1	1068226	TJS	EET EDI	10/14/25 08:44

Lab Chronicle

Client: Haley & Aldrich, Inc.
Project/Site: Former Port Mobil

Job ID: 460-336556-1

Client Sample ID: 61A_0-3
Date Collected: 10/06/25 08:40
Date Received: 10/06/25 15:30

Lab Sample ID: 460-336556-9
Matrix: Solid

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Analysis	Moisture		1	1066570	CJC	EET EDI	10/07/25 16:13

Client Sample ID: 61A_0-3
Date Collected: 10/06/25 08:40
Date Received: 10/06/25 15:30

Lab Sample ID: 460-336556-9
Matrix: Solid
Percent Solids: 91.8

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Prep	3546			1066619	GXY	EET EDI	10/07/25 21:44
Total/NA	Analysis	8270E		1	1066663	MDJ	EET EDI	10/08/25 11:49
Total/NA	Prep	3546			1066585	ARA	EET EDI	10/07/25 17:46
Total/NA	Analysis	8081B		1	1066658	FAM	EET EDI	10/08/25 11:00
Total/NA	Prep	3546			1066582	ARA	EET EDI	10/07/25 17:40
Total/NA	Analysis	8082A		1	1066698	MJS	EET EDI	10/08/25 12:27
Total/NA	Prep	1633A Shake			710924	MSH2	ELLE	10/08/25 14:13
Total/NA	Analysis	1633A		1	710788	P7EB	ELLE	10/09/25 09:15
Total/NA	Prep	3050B			1067159	GAE	EET EDI	10/09/25 18:35
Total/NA	Analysis	6020B		1	1067483	CDC	EET EDI	10/10/25 18:10
Total/NA	Prep	7471B			1068118	TJS	EET EDI	10/14/25 02:12
Total/NA	Analysis	7471B		1	1068226	TJS	EET EDI	10/14/25 08:47

Client Sample ID: 61A_3-6
Date Collected: 10/06/25 08:45
Date Received: 10/06/25 15:30

Lab Sample ID: 460-336556-10
Matrix: Solid

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Analysis	Moisture		1	1066570	CJC	EET EDI	10/07/25 16:13

Client Sample ID: 61A_3-6
Date Collected: 10/06/25 08:45
Date Received: 10/06/25 15:30

Lab Sample ID: 460-336556-10
Matrix: Solid
Percent Solids: 89.8

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Prep	3546			1066619	GXY	EET EDI	10/07/25 21:44
Total/NA	Analysis	8270E		1	1066663	MDJ	EET EDI	10/08/25 12:12
Total/NA	Prep	3546			1066585	ARA	EET EDI	10/07/25 17:46
Total/NA	Analysis	8081B		1	1066658	FAM	EET EDI	10/08/25 11:16
Total/NA	Prep	3546			1066582	ARA	EET EDI	10/07/25 17:40
Total/NA	Analysis	8082A		1	1066698	MJS	EET EDI	10/08/25 12:44
Total/NA	Prep	1633A Shake			710924	MSH2	ELLE	10/08/25 14:13
Total/NA	Analysis	1633A		1	710788	P7EB	ELLE	10/09/25 09:29
Total/NA	Prep	3050B			1067159	GAE	EET EDI	10/09/25 18:35
Total/NA	Analysis	6020B		1	1067483	CDC	EET EDI	10/10/25 18:13
Total/NA	Prep	7471B			1068118	TJS	EET EDI	10/14/25 02:12
Total/NA	Analysis	7471B		1	1068226	TJS	EET EDI	10/14/25 08:50

Client Sample ID: 62A_0-5
Date Collected: 10/06/25 08:50
Date Received: 10/06/25 15:30

Lab Sample ID: 460-336556-11
Matrix: Solid

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Analysis	Moisture		1	1066570	CJC	EET EDI	10/07/25 16:13

Client Sample ID: 62A_0-5
Date Collected: 10/06/25 08:50
Date Received: 10/06/25 15:30

Lab Sample ID: 460-336556-11
Matrix: Solid
Percent Solids: 91.4

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Prep	3546			1066619	GXY	EET EDI	10/07/25 21:44
Total/NA	Analysis	8270E		1	1066663	MDJ	EET EDI	10/08/25 07:57
Total/NA	Prep	3546			1066585	ARA	EET EDI	10/07/25 17:46
Total/NA	Analysis	8081B		1	1066658	FAM	EET EDI	10/08/25 11:32
Total/NA	Prep	3546			1066582	ARA	EET EDI	10/07/25 17:40
Total/NA	Analysis	8082A		1	1066698	MJS	EET EDI	10/08/25 13:01
Total/NA	Prep	1633A Shake			710924	MSH2	ELLE	10/08/25 14:13
Total/NA	Analysis	1633A		1	710788	P7EB	ELLE	10/09/25 09:42
Total/NA	Prep	3050B			1067159	GAE	EET EDI	10/09/25 18:35
Total/NA	Analysis	6020B		1	1067483	CDC	EET EDI	10/10/25 18:16
Total/NA	Prep	7471B			1068118	TJS	EET EDI	10/14/25 02:12
Total/NA	Analysis	7471B		1	1068226	TJS	EET EDI	10/14/25 08:53

Client Sample ID: 62A_5-10
Date Collected: 10/06/25 08:55
Date Received: 10/06/25 15:30

Lab Sample ID: 460-336556-12
Matrix: Solid

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Analysis	Moisture		1	1066570	CJC	EET EDI	10/07/25 16:13

Client Sample ID: 62A_5-10
Date Collected: 10/06/25 08:55
Date Received: 10/06/25 15:30

Lab Sample ID: 460-336556-12
Matrix: Solid
Percent Solids: 88.0

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Prep	3546			1066619	GXY	EET EDI	10/07/25 21:44
Total/NA	Analysis	8270E		1	1066663	MDJ	EET EDI	10/08/25 08:44
Total/NA	Prep	3546			1066585	ARA	EET EDI	10/07/25 17:46
Total/NA	Analysis	8081B		1	1066658	FAM	EET EDI	10/08/25 11:48
Total/NA	Prep	3546			1066582	ARA	EET EDI	10/07/25 17:40
Total/NA	Analysis	8082A		1	1066698	MJS	EET EDI	10/08/25 13:19
Total/NA	Prep	1633A Shake			710926	MSH2	ELLE	10/08/25 14:14
Total/NA	Analysis	1633A		1	711345	P7EB	ELLE	10/10/25 05:45
Total/NA	Prep	3050B			1067159	GAE	EET EDI	10/09/25 18:35
Total/NA	Analysis	6020B		1	1067483	CDC	EET EDI	10/10/25 18:19
Total/NA	Prep	7471B			1068119	TJS	EET EDI	10/14/25 02:33
Total/NA	Analysis	7471B		1	1068226	TJS	EET EDI	10/14/25 09:22

Lab Chronicle

Client: Haley & Aldrich, Inc.
Project/Site: Former Port Mobil

Job ID: 460-336556-1

Client Sample ID: 48A1_0-1
Date Collected: 10/06/25 09:00
Date Received: 10/06/25 15:30

Lab Sample ID: 460-336556-13
Matrix: Solid

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Analysis	Moisture		1	1067051	MVA	EET EDI	10/09/25 11:12

Client Sample ID: 48A1_0-1
Date Collected: 10/06/25 09:00
Date Received: 10/06/25 15:30

Lab Sample ID: 460-336556-13
Matrix: Solid
Percent Solids: 95.1

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Prep	5035			1066820	JCZ	EET EDI	10/08/25 14:33
Total/NA	Analysis	8260D		1	1066734	EMM	EET EDI	10/08/25 16:45

Client Sample ID: 48A2_3-4
Date Collected: 10/06/25 09:05
Date Received: 10/06/25 15:30

Lab Sample ID: 460-336556-14
Matrix: Solid

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Analysis	Moisture		1	1067051	MVA	EET EDI	10/09/25 11:12

Client Sample ID: 48A2_3-4
Date Collected: 10/06/25 09:05
Date Received: 10/06/25 15:30

Lab Sample ID: 460-336556-14
Matrix: Solid
Percent Solids: 94.3

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Prep	5035			1066820	JCZ	EET EDI	10/08/25 14:33
Total/NA	Analysis	8260D		1	1066734	EMM	EET EDI	10/08/25 17:08

Client Sample ID: 48A3_1-2
Date Collected: 10/06/25 09:10
Date Received: 10/06/25 15:30

Lab Sample ID: 460-336556-15
Matrix: Solid

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Analysis	Moisture		1	1067051	MVA	EET EDI	10/09/25 11:12

Client Sample ID: 48A3_1-2
Date Collected: 10/06/25 09:10
Date Received: 10/06/25 15:30

Lab Sample ID: 460-336556-15
Matrix: Solid
Percent Solids: 94.4

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Prep	5035			1066820	JCZ	EET EDI	10/08/25 14:33
Total/NA	Analysis	8260D		1	1066734	EMM	EET EDI	10/08/25 17:31

Client Sample ID: 48A1_4-5
Date Collected: 10/06/25 09:15
Date Received: 10/06/25 15:30

Lab Sample ID: 460-336556-16
Matrix: Solid

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Analysis	Moisture		1	1067051	MVA	EET EDI	10/09/25 11:12

Lab Chronicle

Client: Haley & Aldrich, Inc.
Project/Site: Former Port Mobil

Job ID: 460-336556-1

Client Sample ID: 48A1_4-5
Date Collected: 10/06/25 09:15
Date Received: 10/06/25 15:30

Lab Sample ID: 460-336556-16
Matrix: Solid
Percent Solids: 89.8

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Prep	5035			1066820	JCZ	EET EDI	10/08/25 14:34
Total/NA	Analysis	8260D		1	1066734	EMM	EET EDI	10/08/25 17:54

Client Sample ID: 48A2_5-6
Date Collected: 10/06/25 09:20
Date Received: 10/06/25 15:30

Lab Sample ID: 460-336556-17
Matrix: Solid

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Analysis	Moisture		1	1067051	MVA	EET EDI	10/09/25 11:12

Client Sample ID: 48A2_5-6
Date Collected: 10/06/25 09:20
Date Received: 10/06/25 15:30

Lab Sample ID: 460-336556-17
Matrix: Solid
Percent Solids: 94.0

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Prep	5035			1066820	JCZ	EET EDI	10/08/25 14:34
Total/NA	Analysis	8260D		1	1066734	EMM	EET EDI	10/08/25 18:17

Client Sample ID: 48A3_2-3
Date Collected: 10/06/25 09:25
Date Received: 10/06/25 15:30

Lab Sample ID: 460-336556-18
Matrix: Solid

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Analysis	Moisture		1	1067051	MVA	EET EDI	10/09/25 11:12

Client Sample ID: 48A3_2-3
Date Collected: 10/06/25 09:25
Date Received: 10/06/25 15:30

Lab Sample ID: 460-336556-18
Matrix: Solid
Percent Solids: 93.4

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Prep	5035			1066820	JCZ	EET EDI	10/08/25 14:34
Total/NA	Analysis	8260D		1	1066734	EMM	EET EDI	10/08/25 18:40

Client Sample ID: 48A1_5-6
Date Collected: 10/06/25 09:30
Date Received: 10/06/25 15:30

Lab Sample ID: 460-336556-19
Matrix: Solid

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Analysis	Moisture		1	1067051	MVA	EET EDI	10/09/25 11:12

Lab Chronicle

Client: Haley & Aldrich, Inc.
Project/Site: Former Port Mobil

Job ID: 460-336556-1

Client Sample ID: 48A1_5-6
Date Collected: 10/06/25 09:30
Date Received: 10/06/25 15:30

Lab Sample ID: 460-336556-19
Matrix: Solid
Percent Solids: 94.2

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Prep	5035			1066820	JCZ	EET EDI	10/08/25 14:35
Total/NA	Analysis	8260D		1	1066734	EMM	EET EDI	10/08/25 19:03

Client Sample ID: 48B1_0-1
Date Collected: 10/06/25 09:35
Date Received: 10/06/25 15:30

Lab Sample ID: 460-336556-20
Matrix: Solid

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Analysis	Moisture		1	1067051	MVA	EET EDI	10/09/25 11:12

Client Sample ID: 48B1_0-1
Date Collected: 10/06/25 09:35
Date Received: 10/06/25 15:30

Lab Sample ID: 460-336556-20
Matrix: Solid
Percent Solids: 95.6

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Prep	5035			1066820	JCZ	EET EDI	10/08/25 14:35
Total/NA	Analysis	8260D		1	1066734	EMM	EET EDI	10/08/25 19:26

Client Sample ID: 48B2_1-2
Date Collected: 10/06/25 09:40
Date Received: 10/06/25 15:30

Lab Sample ID: 460-336556-21
Matrix: Solid

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Analysis	Moisture		1	1067051	MVA	EET EDI	10/09/25 11:12

Client Sample ID: 48B2_1-2
Date Collected: 10/06/25 09:40
Date Received: 10/06/25 15:30

Lab Sample ID: 460-336556-21
Matrix: Solid
Percent Solids: 95.3

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Prep	5035			1066820	JCZ	EET EDI	10/08/25 14:36
Total/NA	Analysis	8260D		1	1066734	EMM	EET EDI	10/08/25 19:49

Client Sample ID: 48B3_2-3
Date Collected: 10/06/25 09:45
Date Received: 10/06/25 15:30

Lab Sample ID: 460-336556-22
Matrix: Solid

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Analysis	Moisture		1	1067051	MVA	EET EDI	10/09/25 11:12

Lab Chronicle

Client: Haley & Aldrich, Inc.
Project/Site: Former Port Mobil

Job ID: 460-336556-1

Client Sample ID: 48B3_2-3
Date Collected: 10/06/25 09:45
Date Received: 10/06/25 15:30

Lab Sample ID: 460-336556-22
Matrix: Solid
Percent Solids: 94.4

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Prep	5035			1066820	JCZ	EET EDI	10/08/25 14:36
Total/NA	Analysis	8260D		1	1066734	EMM	EET EDI	10/08/25 20:12

Client Sample ID: 48B1_3-4
Date Collected: 10/06/25 09:50
Date Received: 10/06/25 15:30

Lab Sample ID: 460-336556-23
Matrix: Solid

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Analysis	Moisture		1	1067051	MVA	EET EDI	10/09/25 11:12

Client Sample ID: 48B1_3-4
Date Collected: 10/06/25 09:50
Date Received: 10/06/25 15:30

Lab Sample ID: 460-336556-23
Matrix: Solid
Percent Solids: 91.5

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Prep	5035			1066820	JCZ	EET EDI	10/08/25 14:36
Total/NA	Analysis	8260D		1	1066734	EMM	EET EDI	10/08/25 20:36

Client Sample ID: 48B2_4-5
Date Collected: 10/06/25 09:55
Date Received: 10/06/25 15:30

Lab Sample ID: 460-336556-24
Matrix: Solid

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Analysis	Moisture		1	1067051	MVA	EET EDI	10/09/25 11:12

Client Sample ID: 48B2_4-5
Date Collected: 10/06/25 09:55
Date Received: 10/06/25 15:30

Lab Sample ID: 460-336556-24
Matrix: Solid
Percent Solids: 93.5

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Prep	5035			1066820	JCZ	EET EDI	10/08/25 14:37
Total/NA	Analysis	8260D		1	1066734	EMM	EET EDI	10/08/25 20:59

Client Sample ID: 48B3_5-6
Date Collected: 10/06/25 10:00
Date Received: 10/06/25 15:30

Lab Sample ID: 460-336556-25
Matrix: Solid

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Analysis	Moisture		1	1067051	MVA	EET EDI	10/09/25 11:12

Lab Chronicle

Client: Haley & Aldrich, Inc.
Project/Site: Former Port Mobil

Job ID: 460-336556-1

Client Sample ID: 48B3_5-6
Date Collected: 10/06/25 10:00
Date Received: 10/06/25 15:30

Lab Sample ID: 460-336556-25
Matrix: Solid
Percent Solids: 94.0

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Prep	5035			1066820	JCZ	EET EDI	10/08/25 14:37
Total/NA	Analysis	8260D		1	1066734	EMM	EET EDI	10/08/25 21:22

Client Sample ID: 48B2_5-6
Date Collected: 10/06/25 10:05
Date Received: 10/06/25 15:30

Lab Sample ID: 460-336556-26
Matrix: Solid

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Analysis	Moisture		1	1067051	MVA	EET EDI	10/09/25 11:12

Client Sample ID: 48B2_5-6
Date Collected: 10/06/25 10:05
Date Received: 10/06/25 15:30

Lab Sample ID: 460-336556-26
Matrix: Solid
Percent Solids: 91.5

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Prep	5035			1066820	JCZ	EET EDI	10/08/25 14:37
Total/NA	Analysis	8260D		1	1066734	EMM	EET EDI	10/08/25 21:45

Client Sample ID: 48C1_0-1
Date Collected: 10/06/25 10:10
Date Received: 10/06/25 15:30

Lab Sample ID: 460-336556-27
Matrix: Solid

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Analysis	Moisture		1	1067051	MVA	EET EDI	10/09/25 11:12

Client Sample ID: 48C1_0-1
Date Collected: 10/06/25 10:10
Date Received: 10/06/25 15:30

Lab Sample ID: 460-336556-27
Matrix: Solid
Percent Solids: 95.3

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Prep	5035			1066820	JCZ	EET EDI	10/08/25 14:38
Total/NA	Analysis	8260D		1	1066734	EMM	EET EDI	10/08/25 22:08

Client Sample ID: 48C2_1-2
Date Collected: 10/06/25 10:15
Date Received: 10/06/25 15:30

Lab Sample ID: 460-336556-28
Matrix: Solid

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Analysis	Moisture		1	1067051	MVA	EET EDI	10/09/25 11:12

Lab Chronicle

Client: Haley & Aldrich, Inc.
Project/Site: Former Port Mobil

Job ID: 460-336556-1

Client Sample ID: 48C2_1-2
Date Collected: 10/06/25 10:15
Date Received: 10/06/25 15:30

Lab Sample ID: 460-336556-28
Matrix: Solid
Percent Solids: 92.2

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Prep	5035			1066820	JCZ	EET EDI	10/08/25 14:38
Total/NA	Analysis	8260D		1	1066734	EMM	EET EDI	10/08/25 22:31

Client Sample ID: 48C3_2-3
Date Collected: 10/06/25 10:20
Date Received: 10/06/25 15:30

Lab Sample ID: 460-336556-29
Matrix: Solid

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Analysis	Moisture		1	1067051	MVA	EET EDI	10/09/25 11:12

Client Sample ID: 48C3_2-3
Date Collected: 10/06/25 10:20
Date Received: 10/06/25 15:30

Lab Sample ID: 460-336556-29
Matrix: Solid
Percent Solids: 94.3

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Prep	5035			1066820	JCZ	EET EDI	10/08/25 14:39
Total/NA	Analysis	8260D		1	1066847	EMM	EET EDI	10/09/25 01:35

Client Sample ID: 48C1_3-4
Date Collected: 10/06/25 10:25
Date Received: 10/06/25 15:30

Lab Sample ID: 460-336556-30
Matrix: Solid

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Analysis	Moisture		1	1067051	MVA	EET EDI	10/09/25 11:12

Client Sample ID: 48C1_3-4
Date Collected: 10/06/25 10:25
Date Received: 10/06/25 15:30

Lab Sample ID: 460-336556-30
Matrix: Solid
Percent Solids: 95.2

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Prep	5035			1066820	JCZ	EET EDI	10/08/25 14:39
Total/NA	Analysis	8260D		1	1066847	EMM	EET EDI	10/09/25 01:58

Client Sample ID: 48C2_4-5
Date Collected: 10/06/25 10:30
Date Received: 10/06/25 15:30

Lab Sample ID: 460-336556-31
Matrix: Solid

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Analysis	Moisture		1	1067051	MVA	EET EDI	10/09/25 11:12

Lab Chronicle

Client: Haley & Aldrich, Inc.
Project/Site: Former Port Mobil

Job ID: 460-336556-1

Client Sample ID: 48C2_4-5
Date Collected: 10/06/25 10:30
Date Received: 10/06/25 15:30

Lab Sample ID: 460-336556-31
Matrix: Solid
Percent Solids: 93.2

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Prep	5035			1066820	JCZ	EET EDI	10/08/25 14:39
Total/NA	Analysis	8260D		1	1066847	EMM	EET EDI	10/09/25 02:21

Client Sample ID: 48C3_5-6
Date Collected: 10/06/25 10:35
Date Received: 10/06/25 15:30

Lab Sample ID: 460-336556-32
Matrix: Solid

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Analysis	Moisture		1	1067051	MVA	EET EDI	10/09/25 11:12

Client Sample ID: 48C3_5-6
Date Collected: 10/06/25 10:35
Date Received: 10/06/25 15:30

Lab Sample ID: 460-336556-32
Matrix: Solid
Percent Solids: 92.4

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Prep	5035			1066820	JCZ	EET EDI	10/08/25 14:40
Total/NA	Analysis	8260D		1	1066847	EMM	EET EDI	10/09/25 02:44

Client Sample ID: 48C3_1-2
Date Collected: 10/06/25 10:40
Date Received: 10/06/25 15:30

Lab Sample ID: 460-336556-33
Matrix: Solid

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Analysis	Moisture		1	1067051	MVA	EET EDI	10/09/25 11:12

Client Sample ID: 48C3_1-2
Date Collected: 10/06/25 10:40
Date Received: 10/06/25 15:30

Lab Sample ID: 460-336556-33
Matrix: Solid
Percent Solids: 94.0

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Prep	5035			1066820	JCZ	EET EDI	10/08/25 14:40
Total/NA	Analysis	8260D		1	1066847	EMM	EET EDI	10/09/25 03:07

Client Sample ID: 48D1_1-2
Date Collected: 10/06/25 10:45
Date Received: 10/06/25 15:30

Lab Sample ID: 460-336556-34
Matrix: Solid

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Analysis	Moisture		1	1067051	MVA	EET EDI	10/09/25 11:12

Lab Chronicle

Client: Haley & Aldrich, Inc.
Project/Site: Former Port Mobil

Job ID: 460-336556-1

Client Sample ID: 48D1_1-2
Date Collected: 10/06/25 10:45
Date Received: 10/06/25 15:30

Lab Sample ID: 460-336556-34
Matrix: Solid
Percent Solids: 95.0

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Prep	5035			1066820	JCZ	EET EDI	10/08/25 14:40
Total/NA	Analysis	8260D		1	1066847	EMM	EET EDI	10/09/25 03:30

Client Sample ID: 48D2_2-3
Date Collected: 10/06/25 10:50
Date Received: 10/06/25 15:30

Lab Sample ID: 460-336556-35
Matrix: Solid

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Analysis	Moisture		1	1067051	MVA	EET EDI	10/09/25 11:12

Client Sample ID: 48D2_2-3
Date Collected: 10/06/25 10:50
Date Received: 10/06/25 15:30

Lab Sample ID: 460-336556-35
Matrix: Solid
Percent Solids: 94.0

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Prep	5035			1066820	JCZ	EET EDI	10/08/25 14:41
Total/NA	Analysis	8260D		1	1066847	EMM	EET EDI	10/09/25 03:53

Client Sample ID: 48D3_3-4
Date Collected: 10/06/25 10:55
Date Received: 10/06/25 15:30

Lab Sample ID: 460-336556-36
Matrix: Solid

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Analysis	Moisture		1	1067051	MVA	EET EDI	10/09/25 11:12

Client Sample ID: 48D3_3-4
Date Collected: 10/06/25 10:55
Date Received: 10/06/25 15:30

Lab Sample ID: 460-336556-36
Matrix: Solid
Percent Solids: 95.4

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Prep	5035			1066820	JCZ	EET EDI	10/08/25 14:41
Total/NA	Analysis	8260D		1	1066847	EMM	EET EDI	10/09/25 04:16

Client Sample ID: 48D1_4-5
Date Collected: 10/06/25 11:00
Date Received: 10/06/25 15:30

Lab Sample ID: 460-336556-37
Matrix: Solid

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Analysis	Moisture		1	1067051	MVA	EET EDI	10/09/25 11:12

Lab Chronicle

Client: Haley & Aldrich, Inc.
Project/Site: Former Port Mobil

Job ID: 460-336556-1

Client Sample ID: 48D1_4-5
Date Collected: 10/06/25 11:00
Date Received: 10/06/25 15:30

Lab Sample ID: 460-336556-37
Matrix: Solid
Percent Solids: 95.5

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Prep	5035			1066820	JCZ	EET EDI	10/08/25 14:42
Total/NA	Analysis	8260D		1	1066847	EMM	EET EDI	10/09/25 04:39

Client Sample ID: 48D2_5-6
Date Collected: 10/06/25 11:05
Date Received: 10/06/25 15:30

Lab Sample ID: 460-336556-38
Matrix: Solid

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Analysis	Moisture		1	1067051	MVA	EET EDI	10/09/25 11:12

Client Sample ID: 48D2_5-6
Date Collected: 10/06/25 11:05
Date Received: 10/06/25 15:30

Lab Sample ID: 460-336556-38
Matrix: Solid
Percent Solids: 94.3

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Prep	5035			1066820	JCZ	EET EDI	10/08/25 14:42
Total/NA	Analysis	8260D		1	1066847	EMM	EET EDI	10/09/25 05:02

Client Sample ID: 48D3_5-6
Date Collected: 10/06/25 11:10
Date Received: 10/06/25 15:30

Lab Sample ID: 460-336556-39
Matrix: Solid

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Analysis	Moisture		1	1067051	MVA	EET EDI	10/09/25 11:12

Client Sample ID: 48D3_5-6
Date Collected: 10/06/25 11:10
Date Received: 10/06/25 15:30

Lab Sample ID: 460-336556-39
Matrix: Solid
Percent Solids: 95.7

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Prep	5035			1066820	JCZ	EET EDI	10/08/25 14:42
Total/NA	Analysis	8260D		1	1066847	EMM	EET EDI	10/09/25 05:25

Client Sample ID: 48D1_2-3
Date Collected: 10/06/25 11:15
Date Received: 10/06/25 15:30

Lab Sample ID: 460-336556-40
Matrix: Solid

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Analysis	Moisture		1	1067051	MVA	EET EDI	10/09/25 11:12

Client Sample ID: 48D1_2-3
Date Collected: 10/06/25 11:15
Date Received: 10/06/25 15:30

Lab Sample ID: 460-336556-40
Matrix: Solid
Percent Solids: 95.1

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Prep	5035			1066820	JCZ	EET EDI	10/08/25 14:43
Total/NA	Analysis	8260D		1	1066847	EMM	EET EDI	10/09/25 05:48

Client Sample ID: 61A1_1-2
Date Collected: 10/06/25 11:20
Date Received: 10/06/25 15:30

Lab Sample ID: 460-336556-41
Matrix: Solid

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Analysis	Moisture		1	1067051	MVA	EET EDI	10/09/25 11:12

Client Sample ID: 61A1_1-2
Date Collected: 10/06/25 11:20
Date Received: 10/06/25 15:30

Lab Sample ID: 460-336556-41
Matrix: Solid
Percent Solids: 94.8

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Prep	5035			1066820	JCZ	EET EDI	10/08/25 14:43
Total/NA	Analysis	8260D		1	1066847	EMM	EET EDI	10/09/25 06:11

Client Sample ID: 61A2_2-3
Date Collected: 10/06/25 11:25
Date Received: 10/06/25 15:30

Lab Sample ID: 460-336556-42
Matrix: Solid

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Analysis	Moisture		1	1067051	MVA	EET EDI	10/09/25 11:12

Client Sample ID: 61A2_2-3
Date Collected: 10/06/25 11:25
Date Received: 10/06/25 15:30

Lab Sample ID: 460-336556-42
Matrix: Solid
Percent Solids: 89.6

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Prep	5035			1066820	JCZ	EET EDI	10/08/25 14:44
Total/NA	Analysis	8260D		1	1066847	EMM	EET EDI	10/09/25 06:34

Client Sample ID: 61A3_3-4
Date Collected: 10/06/25 11:30
Date Received: 10/06/25 15:30

Lab Sample ID: 460-336556-43
Matrix: Solid

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Analysis	Moisture		1	1067051	MVA	EET EDI	10/09/25 11:12

Lab Chronicle

Client: Haley & Aldrich, Inc.
Project/Site: Former Port Mobil

Job ID: 460-336556-1

Client Sample ID: 61A3_3-4
Date Collected: 10/06/25 11:30
Date Received: 10/06/25 15:30

Lab Sample ID: 460-336556-43
Matrix: Solid
Percent Solids: 91.9

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Prep	5035			1066820	JCZ	EET EDI	10/08/25 14:44
Total/NA	Analysis	8260D		1	1066847	EMM	EET EDI	10/09/25 06:57

Client Sample ID: 61A1_4-5
Date Collected: 10/06/25 11:35
Date Received: 10/06/25 15:30

Lab Sample ID: 460-336556-44
Matrix: Solid

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Analysis	Moisture		1	1067051	MVA	EET EDI	10/09/25 11:12

Client Sample ID: 61A1_4-5
Date Collected: 10/06/25 11:35
Date Received: 10/06/25 15:30

Lab Sample ID: 460-336556-44
Matrix: Solid
Percent Solids: 91.3

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Prep	5035			1066820	JCZ	EET EDI	10/08/25 14:44
Total/NA	Analysis	8260D		1	1067096	EMM	EET EDI	10/09/25 22:31

Client Sample ID: 61A2_5-6
Date Collected: 10/06/25 11:40
Date Received: 10/06/25 15:30

Lab Sample ID: 460-336556-45
Matrix: Solid

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Analysis	Moisture		1	1067051	MVA	EET EDI	10/09/25 11:12

Client Sample ID: 61A2_5-6
Date Collected: 10/06/25 11:40
Date Received: 10/06/25 15:30

Lab Sample ID: 460-336556-45
Matrix: Solid
Percent Solids: 90.7

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Prep	5035			1066820	JCZ	EET EDI	10/08/25 14:45
Total/NA	Analysis	8260D		1	1066847	EMM	EET EDI	10/09/25 07:47

Client Sample ID: 61A3_5-6
Date Collected: 10/06/25 11:45
Date Received: 10/06/25 15:30

Lab Sample ID: 460-336556-46
Matrix: Solid

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Analysis	Moisture		1	1067051	MVA	EET EDI	10/09/25 11:12

Lab Chronicle

Client: Haley & Aldrich, Inc.
Project/Site: Former Port Mobil

Job ID: 460-336556-1

Client Sample ID: 61A3_5-6
Date Collected: 10/06/25 11:45
Date Received: 10/06/25 15:30

Lab Sample ID: 460-336556-46
Matrix: Solid
Percent Solids: 90.8

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Prep	5035			1066820	JCZ	EET EDI	10/08/25 14:45
Total/NA	Analysis	8260D		1	1066847	EMM	EET EDI	10/09/25 08:10

Client Sample ID: 61A2_0-1
Date Collected: 10/06/25 11:50
Date Received: 10/06/25 15:30

Lab Sample ID: 460-336556-47
Matrix: Solid

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Analysis	Moisture		1	1067051	MVA	EET EDI	10/09/25 11:12

Client Sample ID: 61A2_0-1
Date Collected: 10/06/25 11:50
Date Received: 10/06/25 15:30

Lab Sample ID: 460-336556-47
Matrix: Solid
Percent Solids: 89.5

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Prep	5035			1066820	JCZ	EET EDI	10/08/25 14:45
Total/NA	Analysis	8260D		1	1066847	EMM	EET EDI	10/09/25 08:33

Client Sample ID: 62A1_1-2
Date Collected: 10/06/25 11:55
Date Received: 10/06/25 15:30

Lab Sample ID: 460-336556-48
Matrix: Solid

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Analysis	Moisture		1	1067051	MVA	EET EDI	10/09/25 11:12

Client Sample ID: 62A1_1-2
Date Collected: 10/06/25 11:55
Date Received: 10/06/25 15:30

Lab Sample ID: 460-336556-48
Matrix: Solid
Percent Solids: 92.0

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Prep	5035			1066820	JCZ	EET EDI	10/08/25 14:46
Total/NA	Analysis	8260D		1	1066847	EMM	EET EDI	10/09/25 08:56

Client Sample ID: 62A2_2-3
Date Collected: 10/06/25 12:00
Date Received: 10/06/25 15:30

Lab Sample ID: 460-336556-49
Matrix: Solid

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Analysis	Moisture		1	1067051	MVA	EET EDI	10/09/25 11:12

Lab Chronicle

Client: Haley & Aldrich, Inc.
Project/Site: Former Port Mobil

Job ID: 460-336556-1

Client Sample ID: 62A2_2-3
Date Collected: 10/06/25 12:00
Date Received: 10/06/25 15:30

Lab Sample ID: 460-336556-49
Matrix: Solid
Percent Solids: 91.7

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Prep	5035			1066820	JCZ	EET EDI	10/08/25 14:46
Total/NA	Analysis	8260D		1	1066601	EMM	EET EDI	10/09/25 05:47

Client Sample ID: 62A3_3-4
Date Collected: 10/06/25 12:05
Date Received: 10/06/25 15:30

Lab Sample ID: 460-336556-50
Matrix: Solid

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Analysis	Moisture		1	1067051	MVA	EET EDI	10/09/25 11:12

Client Sample ID: 62A3_3-4
Date Collected: 10/06/25 12:05
Date Received: 10/06/25 15:30

Lab Sample ID: 460-336556-50
Matrix: Solid
Percent Solids: 94.2

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Prep	5035			1066820	JCZ	EET EDI	10/08/25 14:47
Total/NA	Analysis	8260D		1	1066601	EMM	EET EDI	10/09/25 06:11

Client Sample ID: 62A1_4-5
Date Collected: 10/06/25 12:10
Date Received: 10/06/25 15:30

Lab Sample ID: 460-336556-51
Matrix: Solid

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Analysis	Moisture		1	1067051	MVA	EET EDI	10/09/25 11:12

Client Sample ID: 62A1_4-5
Date Collected: 10/06/25 12:10
Date Received: 10/06/25 15:30

Lab Sample ID: 460-336556-51
Matrix: Solid
Percent Solids: 89.4

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Prep	5035			1066820	JCZ	EET EDI	10/08/25 14:47
Total/NA	Analysis	8260D		1	1066601	EMM	EET EDI	10/09/25 06:35

Client Sample ID: 62A2_5-6
Date Collected: 10/06/25 12:15
Date Received: 10/06/25 15:30

Lab Sample ID: 460-336556-52
Matrix: Solid

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Analysis	Moisture		1	1067051	MVA	EET EDI	10/09/25 11:12

Lab Chronicle

Client: Haley & Aldrich, Inc.
Project/Site: Former Port Mobil

Job ID: 460-336556-1

Client Sample ID: 62A2_5-6
Date Collected: 10/06/25 12:15
Date Received: 10/06/25 15:30

Lab Sample ID: 460-336556-52
Matrix: Solid
Percent Solids: 87.7

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Prep	5035			1066820	JCZ	EET EDI	10/08/25 14:48
Total/NA	Analysis	8260D		1	1067096	EMM	EET EDI	10/09/25 22:55

Client Sample ID: 62A3_7-8
Date Collected: 10/06/25 12:20
Date Received: 10/06/25 15:30

Lab Sample ID: 460-336556-53
Matrix: Solid

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Analysis	Moisture		1	1067051	MVA	EET EDI	10/09/25 11:12

Client Sample ID: 62A3_7-8
Date Collected: 10/06/25 12:20
Date Received: 10/06/25 15:30

Lab Sample ID: 460-336556-53
Matrix: Solid
Percent Solids: 95.8

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Prep	5035			1066820	JCZ	EET EDI	10/08/25 14:48
Total/NA	Analysis	8260D		1	1066601	EMM	EET EDI	10/09/25 07:23

Client Sample ID: 62A1_9-10
Date Collected: 10/06/25 12:25
Date Received: 10/06/25 15:30

Lab Sample ID: 460-336556-54
Matrix: Solid

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Analysis	Moisture		1	1067051	MVA	EET EDI	10/09/25 11:12

Client Sample ID: 62A1_9-10
Date Collected: 10/06/25 12:25
Date Received: 10/06/25 15:30

Lab Sample ID: 460-336556-54
Matrix: Solid
Percent Solids: 89.8

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Prep	5035			1066820	JCZ	EET EDI	10/08/25 14:48
Total/NA	Analysis	8260D		1	1066601	EMM	EET EDI	10/09/25 07:48

Laboratory References:

EET EDI = Eurofins Edison, 777 New Durham Road, Edison, NJ 08817, TEL (732)549-3900

ELLE = Eurofins Lancaster Laboratories Environment Testing, LLC, 2425 New Holland Pike, Lancaster, PA 17601, TEL (717)656-2300

Accreditation/Certification Summary

Client: Haley & Aldrich, Inc.
Project/Site: Former Port Mobil

Job ID: 460-336556-1

Laboratory: Eurofins Edison

Unless otherwise noted, all analytes for this laboratory were covered under each accreditation/certification below.

Authority	Program	Identification Number	Expiration Date
New York	NELAP	11452	04-01-26

The following analytes are included in this report, but the laboratory is not certified by the governing authority. This list may include analytes for which the agency does not offer certification.

Analysis Method	Prep Method	Matrix	Analyte
8270E	3546	Solid	3 & 4 Methylphenol
Moisture		Solid	Percent Moisture
Moisture		Solid	Percent Solids

Laboratory: Eurofins Lancaster Laboratories Environment Testing, LLC

All accreditations/certifications held by this laboratory are listed. Not all accreditations/certifications are applicable to this report.

Authority	Program	Identification Number	Expiration Date
A2LA	Dept. of Defense ELAP	0001.01	11-30-26
A2LA	Dept. of Energy	0001.01	11-30-26
A2LA	ISO/IEC 17025	0001.01	11-30-26
Alabama	State	43200	01-31-26
Alaska	State	PA00009	06-30-26
Alaska (UST)	State	17-027	12-30-26
Arizona	State	AZ0780	03-12-26
Arkansas DEQ	State	88-00660	08-09-26
California	State	2792	01-31-26
Colorado	State	PA00009	06-30-26
Connecticut	State	PH-0746	06-30-27
DE Haz. Subst. Cleanup Act (HSCA)	State	019-006 (PA cert)	01-31-26
Delaware (DW)	State	N/A	01-31-26
Florida	NELAP	E87997	07-01-26
Georgia (DW)	State	C048	01-31-26
Illinois	NELAP	200027	01-31-26
Iowa	State	361	03-01-26
Kansas	NELAP	E-10151	10-31-25
Kentucky (DW)	State	KY90088	12-31-25
Kentucky (UST)	State	0001.01	11-30-26
Kentucky (WW)	State	KY90088	12-31-25
Louisiana (All)	NELAP	02055	06-30-26
Maine	State	2019012	03-12-27
Maryland	State	100	06-30-26
Massachusetts	State	M-PA009	06-30-26
Michigan	State	9930	01-31-26
Minnesota	NELAP	042-999-487	12-31-25
Mississippi	State	023	01-31-26
Missouri	State	450	01-31-28
Montana (DW)	State	0098	01-01-26
Nebraska	State	NE-OS-32-17	01-31-26
New Hampshire	NELAP	2730	01-10-26
New Jersey	NELAP	PA011	06-30-26
New York	NELAP	10670	04-01-26
North Carolina (DW)	State	42705	07-31-26
North Carolina (WW/SW)	State	521	12-31-25
North Dakota	State	R-205	01-31-24 *
Ohio	State	87787	01-31-26

* Accreditation/Certification renewal pending - accreditation/certification considered valid.

Accreditation/Certification Summary

Client: Haley & Aldrich, Inc.
Project/Site: Former Port Mobil

Job ID: 460-336556-1

Laboratory: Eurofins Lancaster Laboratories Environment Testing, LLC (Continued)

All accreditations/certifications held by this laboratory are listed. Not all accreditations/certifications are applicable to this report.

Authority	Program	Identification Number	Expiration Date
Oklahoma	NELAP	9804	12-31-25
Oregon	NELAP	PA200001	09-12-26
Pennsylvania	NELAP	36-00037	01-31-26
Quebec Ministry of Environment and Fight against Climate Change	PALA	507	09-16-29
Rhode Island	State	LAO00338	12-30-25
South Carolina	State	89002	01-31-26
Tennessee	State	02838	01-31-26
Texas	NELAP	T104704194-23-46	08-31-26
USDA	US Federal Programs	525-22-298-19481	10-25-25
Vermont	State	VT - 36037	10-27-25
Virginia	NELAP	460182	06-14-26
Washington	State	C457	04-11-26
West Virginia (DW)	State	9906 C	03-31-26
West Virginia DEP	State	055	07-31-26
Wyoming	State	8TMS-L	01-31-26
Wyoming (UST)	A2LA	0001.01	11-30-26

Method Summary

Client: Haley & Aldrich, Inc.
Project/Site: Former Port Mobil

Job ID: 460-336556-1

Method	Method Description	Protocol	Laboratory
8260D	Volatile Organic Compounds by GC/MS	SW846	EET EDI
8270E	Semivolatile Organic Compounds (GC/MS)	SW846	EET EDI
8081B	Organochlorine Pesticides (GC)	SW846	EET EDI
8082A	Polychlorinated Biphenyls (PCBs) by Gas Chromatography	SW846	EET EDI
1633A	Per- and Polyfluoroalkyl Substances by LC/MS/MS, 1633A	EPA	ELLE
6020B	Metals (ICP/MS)	SW846	EET EDI
7471B	Mercury (CVAA)	SW846	EET EDI
Moisture	Percent Moisture	EPA	EET EDI
1633A Shake	Shake Extraction with SPE	EPA	ELLE
3050B	Preparation, Metals	SW846	EET EDI
3546	Microwave Extraction	SW846	EET EDI
5035	Closed System Purge and Trap	SW846	EET EDI
7471B	Preparation, Mercury	SW846	EET EDI

Protocol References:

EPA = US Environmental Protection Agency

SW846 = "Test Methods For Evaluating Solid Waste, Physical/Chemical Methods", Third Edition, November 1986 And Its Updates.

Laboratory References:

EET EDI = Eurofins Edison, 777 New Durham Road, Edison, NJ 08817, TEL (732)549-3900

ELLE = Eurofins Lancaster Laboratories Environment Testing, LLC, 2425 New Holland Pike, Lancaster, PA 17601, TEL (717)656-2300

Sample Summary

Client: Haley & Aldrich, Inc.
Project/Site: Former Port Mobil

Job ID: 460-336556-1

Lab Sample ID	Client Sample ID	Matrix	Collected	Received	Sample Origin
460-336556-1	48A_0-3	Solid	10/06/25 08:00	10/06/25 15:30	New York
460-336556-2	48A_3-6	Solid	10/06/25 08:05	10/06/25 15:30	New York
460-336556-3	48B_0-3	Solid	10/06/25 08:10	10/06/25 15:30	New York
460-336556-4	48B_3-6	Solid	10/06/25 08:15	10/06/25 15:30	New York
460-336556-5	48C_0-3	Solid	10/06/25 08:20	10/06/25 15:30	New York
460-336556-6	48C_3-6	Solid	10/06/25 08:25	10/06/25 15:30	New York
460-336556-7	48D_0-3	Solid	10/06/25 08:30	10/06/25 15:30	New York
460-336556-8	48D_3-6	Solid	10/06/25 08:35	10/06/25 15:30	New York
460-336556-9	61A_0-3	Solid	10/06/25 08:40	10/06/25 15:30	New York
460-336556-10	61A_3-6	Solid	10/06/25 08:45	10/06/25 15:30	New York
460-336556-11	62A_0-5	Solid	10/06/25 08:50	10/06/25 15:30	New York
460-336556-12	62A_5-10	Solid	10/06/25 08:55	10/06/25 15:30	New York
460-336556-13	48A1_0-1	Solid	10/06/25 09:00	10/06/25 15:30	New York
460-336556-14	48A2_3-4	Solid	10/06/25 09:05	10/06/25 15:30	New York
460-336556-15	48A3_1-2	Solid	10/06/25 09:10	10/06/25 15:30	New York
460-336556-16	48A1_4-5	Solid	10/06/25 09:15	10/06/25 15:30	New York
460-336556-17	48A2_5-6	Solid	10/06/25 09:20	10/06/25 15:30	New York
460-336556-18	48A3_2-3	Solid	10/06/25 09:25	10/06/25 15:30	New York
460-336556-19	48A1_5-6	Solid	10/06/25 09:30	10/06/25 15:30	New York
460-336556-20	48B1_0-1	Solid	10/06/25 09:35	10/06/25 15:30	New York
460-336556-21	48B2_1-2	Solid	10/06/25 09:40	10/06/25 15:30	New York
460-336556-22	48B3_2-3	Solid	10/06/25 09:45	10/06/25 15:30	New York
460-336556-23	48B1_3-4	Solid	10/06/25 09:50	10/06/25 15:30	New York
460-336556-24	48B2_4-5	Solid	10/06/25 09:55	10/06/25 15:30	New York
460-336556-25	48B3_5-6	Solid	10/06/25 10:00	10/06/25 15:30	New York
460-336556-26	48B2_5-6	Solid	10/06/25 10:05	10/06/25 15:30	New York
460-336556-27	48C1_0-1	Solid	10/06/25 10:10	10/06/25 15:30	New York
460-336556-28	48C2_1-2	Solid	10/06/25 10:15	10/06/25 15:30	New York
460-336556-29	48C3_2-3	Solid	10/06/25 10:20	10/06/25 15:30	New York
460-336556-30	48C1_3-4	Solid	10/06/25 10:25	10/06/25 15:30	New York
460-336556-31	48C2_4-5	Solid	10/06/25 10:30	10/06/25 15:30	New York
460-336556-32	48C3_5-6	Solid	10/06/25 10:35	10/06/25 15:30	New York
460-336556-33	48C3_1-2	Solid	10/06/25 10:40	10/06/25 15:30	New York
460-336556-34	48D1_1-2	Solid	10/06/25 10:45	10/06/25 15:30	New York
460-336556-35	48D2_2-3	Solid	10/06/25 10:50	10/06/25 15:30	New York
460-336556-36	48D3_3-4	Solid	10/06/25 10:55	10/06/25 15:30	New York
460-336556-37	48D1_4-5	Solid	10/06/25 11:00	10/06/25 15:30	New York
460-336556-38	48D2_5-6	Solid	10/06/25 11:05	10/06/25 15:30	New York
460-336556-39	48D3_5-6	Solid	10/06/25 11:10	10/06/25 15:30	New York
460-336556-40	48D1_2-3	Solid	10/06/25 11:15	10/06/25 15:30	New York
460-336556-41	61A1_1-2	Solid	10/06/25 11:20	10/06/25 15:30	New York
460-336556-42	61A2_2-3	Solid	10/06/25 11:25	10/06/25 15:30	New York
460-336556-43	61A3_3-4	Solid	10/06/25 11:30	10/06/25 15:30	New York
460-336556-44	61A1_4-5	Solid	10/06/25 11:35	10/06/25 15:30	New York
460-336556-45	61A2_5-6	Solid	10/06/25 11:40	10/06/25 15:30	New York
460-336556-46	61A3_5-6	Solid	10/06/25 11:45	10/06/25 15:30	New York
460-336556-47	61A2_0-1	Solid	10/06/25 11:50	10/06/25 15:30	New York
460-336556-48	62A1_1-2	Solid	10/06/25 11:55	10/06/25 15:30	New York
460-336556-49	62A2_2-3	Solid	10/06/25 12:00	10/06/25 15:30	New York
460-336556-50	62A3_3-4	Solid	10/06/25 12:05	10/06/25 15:30	New York
460-336556-51	62A1_4-5	Solid	10/06/25 12:10	10/06/25 15:30	New York
460-336556-52	62A2_5-6	Solid	10/06/25 12:15	10/06/25 15:30	New York
460-336556-53	62A3_7-8	Solid	10/06/25 12:20	10/06/25 15:30	New York

Sample Summary

Client: Haley & Aldrich, Inc.
Project/Site: Former Port Mobil

Job ID: 460-336556-1

Lab Sample ID	Client Sample ID	Matrix	Collected	Received	Sample Origin
460-336556-54	62A1_9-10	Solid	10/06/25 12:25	10/06/25 15:30	New York

Eurofins Edison
777 New Durham Road
Edison, NJ 08817
Phone: 732-549-3900 Fax: 732-549-3679

Chain of Custody Record

eurofins | Environment Testing

Client Information	Sampler: KRO	Lab PM: Flannery Elizabeth J	Carrier Tracking No(s):	COC No: 460-200646-131313.5
Client Contact: Sarah Commisso	Phone:	E-Mail: Elizabeth.Flannery@et.eurofinsus.com	State of Origin:	Page: Page ~~5 of 5~~ 1 | 10
Company: Haley & Aldrich, Inc.	PWSID:			Job #: 336556
Address: 213 West 35th Street, 7th Floor	Due Date Requested:			
City: New York	TAT Requested (days): 5-DAY			
State, Zip: NY 10001	Compliance Project: Δ Yes Δ No			
Phone:	PO #: 0213536-001-002-03 ~~0200986-001-001-06~~			
Email: SCommisso@haleyaldrich.com	WO #: 4101 Arthur Kill Road, Staten Island, NY			
Project Name: 4101 Arthur Kill Former Port Mobil	Project #: 46042832			
Site:	SSOW#:			

Analysis Requested

460-336556 Chain of Custody

SHORT HOLD

Sample Identification	Sample Date	Sample Time	Sample Type (C=comp, G=grab)	Matrix (W=water, S=solid, O=waste/oil BT=Tissue, A=Air, DW=Drinking Water)	Field Filtered Sample (Yes or No)	Perform MS/MSD (Yes or No)	1633A 1633 Standard List 40	6020B, 7471A, 8081B, 8082A, 8270E	Total Number of containers	Special Instructions/Note:
			Preservation Code:				N			
48F_0-3	10/6/25	800	C	Solid			X	X		1
48A_3-6		805		Solid						2
48B_0-3		810		Solid						3
48B_3-6		815		Solid						4 ~~5~~
48C_0-3		820		Solid						5
48C_3-6		825		Solid						6
48D_0-3		830								7
48D_3-6		835								8
61A_0-3		840								9
61A_3-6		845								10
62A_0-3.5		850								11

Possible Hazard Identification
☐ Non-Hazard ☐ Flammable ☐ Skin Irritant ☐ Poison B ☐ Unknown ☐ Radiological

Sample Disposal (A fee may be assessed if samples are retained longer than 1 month)
☐ Return To Client ☐ Disposal By Lab ☐ Archive For _____ Months

Deliverable Requested: I, II, III, IV Other (specify)

Special Instructions/QC Requirements:

Empty Kit Relinquished by:	Date:	Time:	Method of Shipment:

Relinquished by: Cassidy OConnor	Date/Time: 10/6/25	Company: H&A	Received by:	Date/Time: 10/6 1500	Company: ET
Relinquished by:	Date/Time: 10/6 1530	Company: ET	Received by:	Date/Time: 10/6 1530	Company: ETA
Relinquished by:	Date/Time:	Company	Received by:	Date/Time:	Company

Custody Seals Intact: Δ Yes Δ No	Custody Seal No.: N/A	Cooler Temperature(s) °C and Other Remarks: 1) 2.0 1.7 2) 1.7 1.4 #9

Ver: 10/10/2024

Eurofins Edison
777 New Durham Road
Edison, NJ 08817
Phone (732) 549-3900 Phone (732) 549-3679

Chain of Custody Record

eurofins | Environment Testing

Client Information	Sampler: KRD	Lab PM: Flannery Elizabeth J	Carrier Tracking No(s):	COC No: 460-200754-131313.2
Client Contact: Sarah Commisso	Phone:	E-Mail: Elizabeth.Flannery@et.eurofinsus.com	State of Origin:	Page: Page ~~2 of 5~~ 2/4
Company: Haley & Aldrich, Inc.	PWSID:			Job #: 336556
Address: 213 West 35th Street, 7th Floor	Due Date Requested:			
City: New York	TAT Requested (days): 5-DAY			
State, Zip: NY 10001	Compliance Project: Δ Yes Δ No			
Phone:	PO #: 0213330 001-002-03 ~~0208968-001-001-06~~			
Email: SCommisso@haleyaldrich.com	WO #: 4101 Arthur Kill Road, Staten Island, NY			
Project Name: 4101 Arthur Kill Former Port Mobil	Project #: 46042832			
Site:	SSOW#:			

Analysis Requested

Sample Identification	Sample Date	Sample Time	Sample Type (C=Comp, G=grab)	Matrix (W=water, S=solid, O=waste/oil, BT=Tissue, A=Air, DW=Drinking Water)	Field Filtered Sample (Yes or No)	Perform MS/MSD (Yes or No)	1633A 1633 Standard List 40	6020A, 7471B, 8081B, 8082A, 8270E	Total Number of containers	Special Instructions/Note:
			Preservation Code:				N	N		
102A ~~3-0~~ 5-10	10/6/25	855	C	Solid			X	X		12
				Solid						
				Solid						
				Solid						
				Solid						
				Solid						
				Solid						
				Solid						
				Solid						
				Solid						
				Solid						
				Solid						

Other:

Possible Hazard Identification
☐ Non-Hazard ☐ Flammable ☐ Skin Irritant ☐ Poison B ☐ Unknown ☐ Radiological

Sample Disposal (A fee may be assessed if samples are retained longer than 1 month)
☐ Return To Client ☐ Disposal By Lab ☐ Archive For _____ Months

Deliverable Requested: I, II, III, IV Other (specify)

Special Instructions/QC Requirements:

Empty Kit Relinquished by:	Date:	Time:	Method of Shipment:

	Relinquished by:	Date/Time:	Company	Received by:	Date/Time:	Company
1	Kassidy Donnor	10/6/25	M&A		10/6 1500	ET
2		10/6 15:30	ET	Received by:	10/6 1530	ETA
3	Relinquished by:	Date/Time:	Company	Received by:	Date/Time:	Company

Custody Seals Intact: Δ Yes Δ No | Custody Seal No.: N/A

Cooler Temperature(s) °C and Other Remarks: 1) 2.0/1.7 2) 1.7/1.4 #9

Ver 05/06/2024

Eurofins Edison
777 New Durham Road
Edison, NJ 08817
Phone (732) 549-3900 Phone (732) 549-3679

Chain of Custody Record

eurofins | Environment Testing

Client Information	Sampler: KRD	Lab PM: Flannery Elizabeth J	Carrier Tracking No(s):	COC No: 460-200754-131313.1
Client Contact: Sarah Commisso	Phone:	E-Mail: Elizabeth.Flannery@et.eurofinsus.com	State of Origin:	Page: Page ~~1 of 5~~ 3 / 4
Company: Haley & Aldrich, Inc.	PWSID:	Analysis Requested		Job #: 336556
Address: 213 West 35th Street, 7th Floor	Due Date Requested:			Preservation Codes: N None
City: New York	TAT Requested (days): 5-DAY			
State, Zip: NY 10001	Compliance Project: Δ Yes Δ No			
Phone:	PO #: 0213836-001-D02-03 ~~0208988-001-001-06~~			
Email: SCommisso@haleyaldrich.com	WO #: 4101 Arthur Kill Road, Staten Island, NY			
Project Name: 4101 Arthur Kill Former Port Mobil	Project #: 46042832			
Site:	SSOW#:			Other

Sample Identification	Sample Date	Sample Time	Sample Type (C=comp, G=grab)	Matrix (W=water, S=solid, O=waste/oil, BT=Tissue, A=Air, DW=Drinking Water)	Field Filtered Sample (Yes or No)	Perform MS/MSD (Yes or No)	1633A_1633_Standard_List_40	8260D TCL PORT 375 VOCs	Total Number of containers	Special Instructions/Note:
			Preservation Code:				N			
48A1_0-1	10/6/25	900	G	Solid				X		13
48A2_3-4		905		Solid						14
48A3_1-2		910		Solid						15
48A1_4-5		915		Solid						16
48A2_5-6		920		Solid						17
48A3_2-3		925		Solid						18
48A1_5-6		930		Solid						19
48B1_0-1		935		Solid						20
48B2_1-2		940		Solid						21
48B3_2-3		945		Solid						22
48B1_3-4		950		Solid						23

Possible Hazard Identification
☐ Non-Hazard ☐ Flammable ☐ Skin Irritant ☐ Poison B ☐ Unknown ☐ Radiological

Sample Disposal (A fee may be assessed if samples are retained longer than 1 month)
☐ Return To Client ☐ Disposal By Lab ☐ Archive For _____ Months

Deliverable Requested: I, II, III IV Other (specify)

Special Instructions/QC Requirements:

Empty Kit Relinquished by:	Date:	Time:	Method of Shipment:

Relinquished by:	Date/Time:	Company	Received by:	Date/Time:	Company
Kassady Olennor	10/6/25	HHA		10/6 1500	EET
Relinquished by:	Date/Time: 10/6 1530	Company EET	Received by:	Date/Time: 10/6 1530	Company ETS
Relinquished by:	Date/Time:	Company	Received by:	Date/Time:	Company

Custody Seals Intact: Δ Yes Δ No | Custody Seal No.: N/A

Cooler Temperature(s) °C and Other Remarks: 1) 2.0/1.7 2) 1.7/1.4 #9

Ver: 05/06/2024

Eurofins Edison
777 New Durham Road
Edison, NJ 08817
Phone (732) 549-3900 Phone (732) 549-3679

Chain of Custody Record

eurofins | Environment Testing

Client Information	Sampler: KRD	Lab PM: Flannery Elizabeth J	Carrier Tracking No(s):	COC No: 460-200754-131313.3
Client Contact: Sarah Commisso	Phone:	E-Mail: Elizabeth.Flannery@et.eurofinsus.com	State of Origin:	Page: ~~Page 3 of 5~~ 4/6
Company: Haley & Aldrich, Inc.	PWSID:			Job #: 336556
Address: 213 West 35th Street, 7th Floor	Due Date Requested:			
City: New York	TAT Requested (days): 5-DAY			
State, Zip: NY 10001	Compliance Project: Δ Yes Δ No			
Phone:	PO #: D213836-001-002-03 ~~0208988-001 001-06~~			
Email: SCommisso@haleyaldrich.com	WO #: 4101 Arthur Kill Road, Staten Island, NY			
Project Name: 4101 Arthur Kill Former Port Mobil	Project #: 46042832			
Site:	SSOW#:			

Analysis Requested

Preservation Codes: N None; Other

Sample Identification	Sample Date	Sample Time	Sample Type (C=comp, G=grab)	Matrix (W=water, S=solid, O=waste/oil, BT=Tissue, A=Air, DW=Drinking Water)	Field Filtered Sample (Yes or No)	Perform MS/MSD (Yes or No)	1633A_1633 Standard List 40-	8260D TCL/Part 375 VOCs	Total Number of containers	Special Instructions/Note:
			Preservation Code:		X	X	N		X	
48B2_4-5	10/6/25	955	G	Solid				X		24
48B3_5-6		1000		Solid						25
48B2_5-6		1005		Solid						26
48C1_0-1		1010		Solid						27
48C2_1-2		1015		Solid						28
48C3_2-3		1020		Solid						29
48C1_3-4		1025		Solid						30
48C2_4-5		1030		Solid						31
48C3_5-6		1035		Solid						32
48C3_1-2		1040		Solid						33
48D1_1-2		1045		Solid						34

Possible Hazard Identification
☐ Non-Hazard ☐ Flammable ☐ Skin Irritant ☐ Poison B ☐ Unknown ☐ Radiological

Sample Disposal (A fee may be assessed if samples are retained longer than 1 month)
☐ Return To Client ☐ Disposal By Lab ☐ Archive For _____ Months

Deliverable Requested: I, II, III, IV Other (specify)

Special Instructions/QC Requirements:

Empty Kit Relinquished by:	Date:	Time:	Method of Shipment:
Relinquished by: Kassidy Dlennor	Date/Time: 10/6/25	Company: H&A	Received by:	Date/Time: 10/6 15:00	Company: EEI
Relinquished by:	Date/Time: 10/6 15:30	Company: EEI	Received by:	Date/Time:	Company
Relinquished by:	Date/Time:	Company	Received by:	Date/Time:	Company

Custody Seals Intact: Δ Yes Δ No | Custody Seal No.: NA

Cooler Temperature(s) °C and Other Remarks: 1) 2.0/1.7 2) 1.7/1.4 #9

Ver: 05/06/2024

10/15/2025

Eurofins Edison
777 New Durham Road
Edison, NJ 08817
Phone (732) 549-3900 Phone (732) 549-3679

Chain of Custody Record

eurofins | Environment Testing

Client Information	Sampler: KRD	Lab PM: Flannery Elizabeth J	Carrier Tracking No(s):	COC No: 460-200754-131313.4
Client Contact: Sarah Commisso	Phone:	E-Mail: Elizabeth.Flannery@et.eurofinsus.com	State of Origin:	Page: Page ~~4 of 5~~ 5 | 6
Company: Haley & Aldrich, Inc.	PWSID:			Job #: 326556
Address: 213 West 35th Street, 7th Floor	Due Date Requested:			
City: New York	TAT Requested (days): 5-DAY			
State, Zip: NY 10001	Compliance Project: Δ Yes Δ No			
Phone:	PO #: ~~0208988-001-001-05~~ 02138316-001-002-03			
Email: SCommisso@haleyaldrich.com	WO #: 4101 Arthur Kill Road, Staten Island, NY			
Project Name: 4101 Arthur Kill - Former Port Mobil	Project #: 46042832			
Site:	SSOW#:			

Analysis Requested

Preservation Codes: N None; Other

Sample Identification	Sample Date	Sample Time	Sample Type (C=comp, G=grab)	Matrix (Wwater, Ssolid, Owaste/oil, BTTissue, A=Air, DW=Drinking Water)	Field Filtered Sample (Yes or No)	Perform MS/MSD (Yes or No)	1633A 1633 Standard List 40	8260D TCL Part 375 VOC	Total Number of containers	Special Instructions/Note:
		Preservation Code:			X	X	N		X	
48D2_2-3	10/6/25	1050	G	Solid				X		35
48D3_3-4		1055		Solid						36
48D1_4-5		1100		Solid						37
48D2_5-6		1105		Solid						38
48D3_5-6		1110		Solid						39
48D1_2-3		1115		Solid						40
~~48~~ 61A1_1-2		1120		Solid						41
61A2_2-3		1125		Solid						42
61A3_3-4		1130		Solid						43
61A1_4-5		1135		Solid						44
61A2_5-6		1140		Solid						45

Possible Hazard Identification
☐ Non-Hazard ☐ Flammable ☐ Skin Irritant ☐ Poison B ☐ Unknown ☐ Radiological

Sample Disposal (A fee may be assessed if samples are retained longer than 1 month)
☐ Return To Client ☐ Disposal By Lab ☐ Archive For _____ Months

Deliverable Requested: I, II, III, IV Other (specify)

Special Instructions/QC Requirements:

Empty Kit Relinquished by:	Date:	Time:	Method of Shipment:

	Relinquished by:	Date/Time:	Company	Received by:	Date/Time:	Company
1	Kassidy Connor	10/6/25	H&A		10/6 1500	ET
2		10/6 15.30	ET			
3						

Custody Seals Intact: Δ Yes Δ No | Custody Seal No.: N/A

Cooler Temperature(s) °C and Other Remarks: 1.) 2.0/1.7 2.) 1.7/1.4 #9

Ver: 05/06/2024

Eurofins Edison
777 New Durham Road
Edison NJ 08817
Phone: 732-549-3900 Fax: 732-549-3679

Chain of Custody Record

eurofins | Environment Testing

Client Information	Sampler: KRD	Lab PM: Flannery Elizabeth J	Carrier Tracking No(s):	COC No: 460-200645-131312.14
Client Contact: Sarah Commisso	Phone:	E-Mail: Elizabeth.Flannery@et.eurofinsus.com	State of Origin:	Page: ~~Page 14 of 21~~ 6/6
Company: Haley & Aldrich, Inc.	PWSID:			Job #: 396556
Address: 213 West 35th Street, 7th Floor	Due Date Requested:			
City: New York	TAT Requested (days): 5-DAY			
State, Zip: NY 10001	Compliance Project: Δ Yes Δ No			
Phone:	PO #: 0213336-001-002-03 ~~0208888-001-001-06~~			
Email: SCommisso@haleyaldrich.com	WO #: 4101 Arthur Kill Road, Staten Island, NY			
Project Name: 4101 Arthur Kill Former Port Mobil	Project #: 46042832			
Site:	SSOW#:			

Analysis Requested

Preservation Codes: N None; F MeOH

Sample Identification	Sample Date	Sample Time	Sample Type (C=Comp, G=grab)	Matrix (W=water, S=solid, O=waste/oil, BT=Tissue, A=Air, DW=Drinking water)	Field Filtered Sample (Yes or No)	Perform MS/MSD (Yes or No)	6020B, 7471B, 8081B, 8082A, 8270E	8260D TCL/Part 375 VOCs	Total Number of Containers	Special Instructions/Note:
	Preservation Code:						N	F		
61A3_5-6	10/6/25	1145	G	Solid				X		46
61A2_0-1		1150		Solid						47
62A1_1-2		1155		Solid						48
62A2_2-3		1200		Solid						49
62A3_3-4		1205		Solid						50
62A1_4-5		1210		Solid						51
62A2_5-6		1215		Solid						52
62A3_~~5-6~~ 7-8		1220		Solid						53
62A1_~~3-4~~ 9-10		1225		Solid						54
				Solid						
				Solid						

Possible Hazard Identification
☐ Non-Hazard ☐ Flammable ☐ Skin Irritant ☐ Poison B ☐ Unknown ☐ Radiological

Sample Disposal (A fee may be assessed if samples are retained longer than 1 month)
☐ Return To Client ☐ Disposal By Lab ☐ Archive For _____ Months

Deliverable Requested: I, II, III, IV Other (specify)

Special Instructions/QC Requirements:

Empty Kit Relinquished by:	Date:	Time:	Method of Shipment:

Relinquished by:	Date/Time:	Company	Received by:	Date/Time:	Company
Kassidy OConnor	10/6/25	LAA		10/6 1500	EET
Relinquished by:	Date/Time: 10/6 15.30	Company EET	Received by:	Date/Time:	Company
Relinquished by:	Date/Time:	Company	Received by:	Date/Time:	Company

Custody Seals Intact: Δ Yes Δ No	Custody Seal No. N/A	Cooler Temperature(s) °C and Other Remarks: 1.) 2.0/1.7 2) 1.7/1.4 #9

Ver: 10/10/2024

10/15/2025

Eurofins TestAmerica Edison
Receipt Temperature and pH Log

Job Number: 336556

Number of Coolers: 2 IR Gun # 9

Cooler Temperatures

	RAW	CORRECTED		RAW	CORRECTED		RAW	CORRECTED
Cooler #1:	2.0 °C	1.7 °C	Cooler #4:	°C	°C	Cooler #7:	°C	°C
Cooler #2:	1.7 °C	1.4 °C	Cooler #5:	°C	°C	Cooler #8:	°C	°C
Cooler #3:	°C	°C	Cooler #6:	°C	°C	Cooler #9:	°C	°C

TALS Sample Number	Ammonia (pH<2)	COD (pH<2)	Nitrate Nitrite (pH<2)	Metals* (pH<2)	Hardness (pH<2)	Pest (pH 5-9)	EPH or QAM (pH<2)	Phenols (pH<2)	Sulfide (pH>9)	TKN (pH<2)	TOC (pH<2)	Total Cyanide (pH>12)	Total Phos (pH<2)	Other	Other

If pH adjustments are required record the information below.

Sample No(s). adjusted. _____

Preservative Name/Conc. _____ Volume of Preservative used (ml) _____

Lot # of Preservative(s) _____ Expiration Date: _____

The appropriate Project Manager and Department Manager should be notified about the samples which were pH adjusted.

Samples for Metal analysis which are out of compliance must be acidified at least 24 hours prior to analysis.

Initials. TR Date 10/6/25

EDS-WI-038, Rev 4.1
10/22/2019

Login Sample Receipt Checklist

Client: Haley & Aldrich, Inc.

Job Number: 460-336556-1

Login Number: 336556
List Number: 1
Creator: Thundathorn, Sukanan 1

List Source: Eurofins Edison

Question	Answer	Comment
Radioactivity wasn't checked or is </= background as measured by a survey meter.	N/A	
The cooler's custody seal, if present, is intact.	True	
Sample custody seals, if present, are intact.	True	
The cooler or samples do not appear to have been compromised or tampered with.	True	
Samples were received on ice.	True	
Cooler Temperature is acceptable.	True	
Cooler Temperature is recorded.	True	
COC is present.	True	
COC is filled out in ink and legible.	True	
COC is filled out with all pertinent information.	True	
Is the Field Sampler's name present on COC?	True	
There are no discrepancies between the containers received and the COC.	True	
Samples are received within Holding Time (excluding tests with immediate HTs)	True	
Sample containers have legible labels.	True	
Containers are not broken or leaking.	True	
Sample collection date/times are provided.	True	
Appropriate sample containers are used.	True	
Sample bottles are completely filled.	True	
Sample Preservation Verified.	True	
There is sufficient vol. for all requested analyses, incl. any requested MS/MSDs	True	
Containers requiring zero headspace have no headspace or bubble is <6mm (1/4").	True	
Multiphasic samples are not present.	True	
Samples do not require splitting or compositing.	True	
Residual Chlorine Checked.	N/A	

Login Sample Receipt Checklist

Client: Haley & Aldrich, Inc.

Job Number: 460-336556-1

Login Number: 336556
List Number: 2
Creator: Bui, Anthony

List Source: Eurofins Lancaster Laboratories Environment Testing, LLC
List Creation: 10/07/25 03:24 PM

Question	Answer	Comment
The cooler's custody seal is intact.	N/A	Not present
The cooler or samples do not appear to have been compromised or tampered with.	True	
Samples were received on ice.	True	
Cooler Temperature acceptable,where thermal pres is required(</=6C, not frozen).	True	
Cooler Temperature is recorded.	True	
WV:Container Temp acceptable,where thermal pres is required (</=6C, not frozen).	N/A	
WV: Container Temperature is recorded.	N/A	
COC is present.	True	
COC is filled out in ink and legible.	True	
COC is filled out with all pertinent information.	True	
There are no discrepancies between the containers received and the COC.	True	
Sample containers have legible labels.	True	
Containers are not broken or leaking.	True	
Sample collection date/times are provided.	True	
Appropriate sample containers are used.	True	
Sample bottles are completely filled.	True	
There is sufficient vol. for all requested analyses.	True	
Is the Field Sampler's name present on COC?	True	Received project as a subcontract.
Sample custody seals are intact.	N/A	Not present.
VOA sample vials do not have headspace >6mm in diameter (none, if from WV)?	N/A	

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ANALYTICAL REPORT

PREPARED FOR

Attn: Sarah Commisso
Haley & Aldrich, Inc.
213 West 35th Street, 7th Floor
New York, New York 10001

Generated 10/16/2025 11:47:28 AM

JOB DESCRIPTION

Former Port Mobil

JOB NUMBER

460-336648-1

Eurofins Edison
777 New Durham Road
Edison NJ 08817

See page two for job notes and contact information.

my EOL

Eurofins Edison

Job Notes

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Compliance Statement

I certify that this data package is in compliance with the terms and conditions of the contract, both technically and for completeness, for other than the conditions detailed within the body of this report. Release of the data contained in this sample data package and in the electronic data deliverable has been authorized by the Laboratory Manager or his/her designee, as verified by the following signature.

Authorization

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Qualifiers

GC/MS VOA

Qualifier	Qualifier Description
*	LCS or LCSD is outside acceptance limits.
*	RPD of the LCS and LCSD exceeds the control limits
J	Indicates an estimated value.
U	Analyzed for but not detected.

GC/MS Semi VOA

Qualifier	Qualifier Description
*	MS or MSD is outside acceptance limits.
*	Duplicate RPD exceeds control limits
*	LCS or LCSD is outside acceptance limits.
E	Compound concentration exceeds the upper level of the calibration range of the instrument for that specific analysis.
U	Analyzed for but not detected.

GC Semi VOA

Qualifier	Qualifier Description
*	MS or MSD is outside acceptance limits.
*	Surrogate is outside acceptance limits.
J	Indicates an estimated value.
U	Analyzed for but not detected.

LCMS

Qualifier	Qualifier Description
*	Isotope Dilution analyte is outside acceptance limits.
I	Ion ratio outside limits
J	Indicates an estimated value.
U	Analyzed for but not detected.

Metals

Qualifier	Qualifier Description
*	Duplicate analysis not within control limits.
4	MS, MSD: The analyte present in the original sample is greater than 4 times the matrix spike concentration; therefore, control limits are not applicable.
J	Sample result is greater than the MDL but below the CRDL
N	Spiked sample recovery is not within control limits.
U	Indicates analyzed for but not detected.

General Chemistry

Qualifier	Qualifier Description
U	Indicates analyzed for but not detected.

Glossary

Abbreviation	These commonly used abbreviations may or may not be present in this report.
☼	Listed under the "D" column to designate that the result is reported on a dry weight basis
%R	Percent Recovery
CFL	Contains Free Liquid
CFU	Colony Forming Unit
CNF	Contains No Free Liquid
DER	Duplicate Error Ratio (normalized absolute difference)
Dil Fac	Dilution Factor
DL	Detection Limit (DoD/DOE)
DL, RA, RE, IN	Indicates a Dilution, Re-analysis, Re-extraction, or additional Initial metals/anion analysis of the sample
DLC	Decision Level Concentration (Radiochemistry)
EDL	Estimated Detection Limit (Dioxin)
LOD	Limit of Detection (DoD/DOE)
LOQ	Limit of Quantitation (DoD/DOE)
MCL	EPA recommended "Maximum Contaminant Level"

Glossary (Continued)

Abbreviation	These commonly used abbreviations may or may not be present in this report.
MDA	Minimum Detectable Activity (Radiochemistry)
MDC	Minimum Detectable Concentration (Radiochemistry)
MDL	Method Detection Limit
ML	Minimum Level (Dioxin)
MPN	Most Probable Number
MQL	Method Quantitation Limit
NC	Not Calculated
ND	Not Detected at the reporting limit (or MDL or EDL if shown)
NEG	Negative / Absent
POS	Positive / Present
PQL	Practical Quantitation Limit
PRES	Presumptive
QC	Quality Control
RER	Relative Error Ratio (Radiochemistry)
RL	Reporting Limit or Requested Limit (Radiochemistry)
RPD	Relative Percent Difference, a measure of the relative difference between two points
TEF	Toxicity Equivalent Factor (Dioxin)
TEQ	Toxicity Equivalent Quotient (Dioxin)
TNTC	Too Numerous To Count

Job Narrative
460-336648-1

The analytical test results presented in this report meet all requirements of the associated regulatory program listed on the Accreditation/Certification Summary Page, unless otherwise noted. Data qualifiers and/or narrative comments are included to explain any exceptions, if applicable. Regulated compliance samples (e.g. SDWA, NPDES) must comply with associated agency requirements/permits.

- Matrix-specific batch QC (e.g., MS, MSD, SD) may not be reported when insufficient sample volume is available or when site-specific QC samples are not submitted. In such cases, a Laboratory Control Sample Duplicate (LCSD) may be analyzed to provide precision data for the batch.
- For samples analyzed using surrogate and/or isotope dilution analytes, any recoveries falling outside of established acceptance criteria are re-prepared and/or re-analyzed to confirm results, unless the deviation is due to sample dilution or otherwise explained in the case narrative.

Receipt
The samples were received on 10/7/2025 5:15 PM. Unless otherwise noted below, the samples arrived in good condition, and, where required, properly preserved and on ice. The temperatures of the 2 coolers at receipt time were 0.7°C and 1.0°C.

Receipt Exceptions
The container label for the following sample did not match the information listed on the Chain-of-Custody (COC): 44B1_7-8 (460-336648-36). The container labels list 44B2_7-8, while the COC lists 44B1_7-8 (also appears that 44B3_7-8 was initially written before being changed). Per client email, the ID from the COC is correct.

The container label for the following sample did not match the information listed on the Chain-of-Custody (COC): 44E2_6-7 (460-336648-55). The container labels list 44E1_6-7, while the COC lists 44E2_6-7. Per client email, the sample ID on COC is correct.

Method 8260D - Volatile Organic Compounds by GC/MS
Samples 44A1_1-2 (460-336648-23), 44A2_2-3 (460-336648-24), 44A3_3-4 (460-336648-25), 44A1_4-5 (460-336648-26), 44A2_5-6 (460-336648-27), 44A3_6-7 (460-336648-28), 44A1_7-8 (460-336648-29), 44B1_1-2 (460-336648-30), 44B2_2-3 (460-336648-31), 44B3_3-4 (460-336648-32), 44B1_4-5 (460-336648-33), 44B2_5-6 (460-336648-34), 44B3_6-7 (460-336648-35), 44B1_7-8 (460-336648-36), 44C1_1-2 (460-336648-37), 44C2_2-3 (460-336648-38), 44C3_3-4 (460-336648-39), 44C1_4-5 (460-336648-40), 44C2_5-6 (460-336648-41), 44C3_6-7 (460-336648-42), 44C1_7-8 (460-336648-43), 44D1_1-2 (460-336648-44), 44D2_2-3 (460-336648-45), 44D3_3-4 (460-336648-46), 44D1_4-5 (460-336648-47), 44D2_5-6 (460-336648-48), 44D3_6-7 (460-336648-49), 44D2_7-8 (460-336648-50), 44E1_1-2 (460-336648-51), 44E2_2-3 (460-336648-52), 44E3_3-4 (460-336648-53), 44E1_5-6 (460-336648-54), 44E2_6-7 (460-336648-55), 44E2_7-8 (460-336648-56), 44E3_4-5 (460-336648-57), 44F1_1-2 (460-336648-58), 44F2_2-3 (460-336648-59), 44F3_4-5 (460-336648-60), 44F1_5-6 (460-336648-61), 44F2_6-7 (460-336648-62), 44F3_7-8 (460-336648-63), 44F1_7-8 (460-336648-64), 45A1_1-2 (460-336648-65), 45A2_2-3 (460-336648-66), 45A3_4-5 (460-336648-67), 45A1_5-6 (460-336648-68), 45A2_7-8 (460-336648-69), 45A3_9-10 (460-336648-70), 45A1_11-12 (460-336648-71), 45B1_1-2 (460-336648-72), 45B2_3-4 (460-336648-73), 45B3_4-5 (460-336648-74), 45B1_6-7 (460-336648-75), 45B2_7-8 (460-336648-76), 45B3_9-10 (460-336648-77), 45B2_10-11 (460-336648-78), 45C1_1-2 (460-336648-79), 45C2_3-4 (460-336648-80), 45C3_4-5 (460-336648-81), 45C1_5-6 (460-336648-82), 45C2_6-7 (460-336648-83), 45C3_8-9 (460-336648-84), 45C2_11-12 (460-336648-85), 49A1_0-1 (460-336648-86), 49A2_2-3 (460-336648-87), 49A3_4-5 (460-336648-88), 49A4_5-6 (460-336648-89), 49A1_7-8 (460-336648-90), 49A2_8-9 (460-336648-91), 49A3_9-10 (460-336648-92), 49B1_1-2 (460-336648-93), 49B2_2-3 (460-336648-94), 49B3_3-4 (460-336648-95), 49B4_5-6 (460-336648-96), 49B1_7-8 (460-336648-97), 49B2_8-9 (460-336648-98) and 49B2_9-10 (460-336648-99) were analyzed for Volatile Organic Compounds by GC/MS. The samples were prepared on 10/10/2025 and analyzed on 10/10/2025 and 10/11/2025.

The laboratory control sample duplicate (LCSD) for analytical batch 460-1067163 recovered outside control limits for the following analyte: 4-Methyl-2-pentanone (MIBK). This analyte was biased high in the LCSD and was not detected in the associated samples; therefore, the data have been reported.

The RPD of the laboratory control sample (LCS) and laboratory control sample duplicate (LCSD) for analytical batch 460-1067398 recovered outside control limits for the following analytes: Dichlorodifluoromethane.

The laboratory control sample duplicate (LCSD) for analytical batch 460-1067398 recovered outside control limits for the following analytes: 2-Hexanone and 4-Methyl-2-pentanone (MIBK). These analytes were biased high in the LCSD and were not detected in

the associated samples; therefore, the data have been reported.

The laboratory control sample duplicate (LCSD) for analytical batch 460-1067399 recovered outside control limits for the following analytes: 2-Hexanone and 4-Methyl-2-pentanone (MIBK). These analytes were biased high in the LCSD and were not detected in the associated samples; therefore, the data have been reported.

The continuing calibration verification (CCV) analyzed in batch 460-1067680 was outside the method criteria for the following analyte: 1,2-Dichloroethane (biased low). A CCV standard at or below the reporting limit (RL) was analyzed with the affected samples and found to be acceptable. As indicated in the reference method, sample analysis may proceed; however, any detection for the affected analyte(s) is considered estimated.

Method 8270E - Semivolatile Organic Compounds (GC/MS)
Samples 44A_0-4 (460-336648-1), 44A_4-8 (460-336648-2), 44B_0-4 (460-336648-3), 44B_4-8 (460-336648-4), 44C_0-4 (460-336648-5), 44C_4-8 (460-336648-6), 44D_0-4 (460-336648-7), 44D_4-8 (460-336648-8), 44E_0-4 (460-336648-9), 44E_4-8 (460-336648-10), 44F_0-4 (460-336648-11), 44F_4-8 (460-336648-12), 45A_0-6 (460-336648-13), 45A_6-12 (460-336648-14), 45B_0-6 (460-336648-15), 45B_6-12 (460-336648-16), 45C_0-6 (460-336648-17), 45C_6-12 (460-336648-18), 49A_0-5 (460-336648-19), 49A_5-10 (460-336648-20), 49B_0-5 (460-336648-21) and 49B_5-10 (460-336648-22) were analyzed for Semivolatile Organic Compounds (GC/MS). The samples were prepared on 10/8/2025 and analyzed on 10/9/2025.

The continuing calibration verification (CCV) analyzed in batch 460-1066950 was outside the method criteria for the following analyte(s): 4-Nitrophenol, 4,6-Dinitro-2-methylphenol, Benzaldehyde and Hexachlorocyclopentadiene. A CCV standard at or below the reporting limit (RL) was analyzed with the affected samples and found to be acceptable. As indicated in the reference method, sample analysis may proceed; however, any detection for the affected analyte(s) is considered estimated.

The continuing calibration verification (CCV) analyzed in batch 460-1067021 was outside the method criteria for the following analyte(s): 2,4-Dinitrophenol and Benzaldehyde. A CCV standard at or below the reporting limit (RL) was analyzed with the affected samples and found to be acceptable. As indicated in the reference method, sample analysis may proceed; however, any detection for the affected analyte(s) is considered estimated.

The laboratory control sample and/or the laboratory control sample duplicate (LCS/LCSD) for preparation batch 460-1066909 and analytical batch 460-1067021 recovered outside control limits for the following analyte(s): 2,4-Dimethylphenol. These analytes have been identified as a poor performing analyte when analyzed using this method; therefore, re-extraction/re-analysis was not performed. These results have been reported and qualified.

Method 8082A - Polychlorinated Biphenyls (PCBs) by Gas Chromatography
Samples 44A_0-4 (460-336648-1), 44A_4-8 (460-336648-2), 44B_0-4 (460-336648-3), 44B_4-8 (460-336648-4), 44C_0-4 (460-336648-5), 44C_4-8 (460-336648-6), 44D_0-4 (460-336648-7), 44D_4-8 (460-336648-8), 44E_0-4 (460-336648-9), 44E_4-8 (460-336648-10), 44F_0-4 (460-336648-11), 44F_4-8 (460-336648-12), 45A_0-6 (460-336648-13), 45A_6-12 (460-336648-14), 45B_0-6 (460-336648-15), 45B_6-12 (460-336648-16), 45C_0-6 (460-336648-17), 45C_6-12 (460-336648-18), 49A_0-5 (460-336648-19), 49A_5-10 (460-336648-20), 49B_0-5 (460-336648-21) and 49B_5-10 (460-336648-22) were analyzed for Polychlorinated Biphenyls (PCBs) by Gas Chromatography. The samples were prepared on 10/8/2025 and analyzed on 10/9/2025.

Surrogate recovery for the following samples were outside the upper control limit: 44E_0-4 (460-336648-9) and 49A_5-10 (460-336648-20). This sample did not contain any target analytes; therefore, re-extraction and/or re-analysis was not performed.

Method 8081B - Organochlorine Pesticides (GC)
Samples 44A_0-4 (460-336648-1), 44A_4-8 (460-336648-2), 44B_0-4 (460-336648-3), 44B_4-8 (460-336648-4), 44C_0-4 (460-336648-5), 44C_4-8 (460-336648-6), 44D_0-4 (460-336648-7), 44D_4-8 (460-336648-8), 44E_0-4 (460-336648-9), 44E_4-8 (460-336648-10), 44F_0-4 (460-336648-11), 44F_4-8 (460-336648-12), 45A_0-6 (460-336648-13), 45A_6-12 (460-336648-14), 45B_0-6 (460-336648-15), 45B_6-12 (460-336648-16), 45C_0-6 (460-336648-17), 45C_6-12 (460-336648-18), 49A_0-5 (460-336648-19), 49A_5-10 (460-336648-20), 49B_0-5 (460-336648-21) and 49B_5-10 (460-336648-22) were analyzed for Organochlorine Pesticides (GC). The samples were prepared on 10/8/2025 and analyzed on 10/9/2025.

The continuing calibration verification (CCV) associated with batch 460-1066994 recovered outside acceptance criteria, low biased, for 4,4'-DDT, DCB Decachlorobiphenyl and Methoxychlor on the secondrary column. A reporting limit (RL) standard was analyzed, and the target analyte was detected. Non-detections of the affected analytes are reported. Any detections are considered estimated:(CCVIS 460-1066994/3).

The continuing calibration verification (CCV) associated with batch 460-1066994 recovered above the upper control limit for delta-BHC on the primary column. The samples associated with this CCV were non-detects for the affected analytes; therefore, the data

have been reported. The associated sample is:(CCVIS 460-1066994/3).

Method 1633A - Per- and Polyfluoroalkyl Substances by LC/MS/MS, 1633A
Samples 44A_0-4 (460-336648-1), 44A_4-8 (460-336648-2), 44B_0-4 (460-336648-3), 44B_4-8 (460-336648-4), 44C_0-4 (460-336648-5), 44C_4-8 (460-336648-6), 44D_0-4 (460-336648-7), 44D_4-8 (460-336648-8), 44E_0-4 (460-336648-9), 44E_4-8 (460-336648-10), 44F_0-4 (460-336648-11), 44F_4-8 (460-336648-12), 45A_0-6 (460-336648-13), 45A_6-12 (460-336648-14), 45B_0-6 (460-336648-15), 45B_6-12 (460-336648-16), 45C_0-6 (460-336648-17), 45C_6-12 (460-336648-18), 49A_0-5 (460-336648-19), 49A_5-10 (460-336648-20), 49B_0-5 (460-336648-21) and 49B_5-10 (460-336648-22) were analyzed for Per- and Polyfluoroalkyl Substances by LC/MS/MS, 1633A. The samples were prepared on 10/9/2025 and analyzed on 10/10/2025 and 10/11/2025.

Samples 44D_4-8 (460-336648-8)[10x], 45A_0-6 (460-336648-13)[10x] and 45A_6-12 (460-336648-14)[10x] required dilution prior to analysis. The reporting limits have been adjusted accordingly.

Analyte Perfluorononanoic acid (PFNA) was marked as non-detect for sample 49A_5-10 (460-336648-20) due to a detection below RL and failing ion ratio.

The recovery for labeled isotope(s) 13C2 PFTeDA, d7-N-MeFOSE-M and d9-N-EtFOSE-M were outside QC acceptance criteria in sample 44B_4-8 (460-336648-4). Since the labeled isotope recoveries were greater than or equal to 5% and the signal to noise was greater than 10:1, therefore, the data is reported.

The transition mass ratio for Perfluorononanoic acid (PFNA) in sample 44E_4-8 (460-336648-10) in analytical batch 410-712226 was outside of the established ratio limits. However, analyst judgment was used to positively identify the analyte. The analyte is flagged appropriately to identify this exceedance.

The recovery for labeled isotope(s) 13C5 PFPeA were outside QC acceptance criteria in sample 44D_4-8 (460-336648-8). Since the labeled isotope recoveries were greater than or equal to 5% and the signal to noise was greater than 10:1, therefore, the data is reported.

Method 6020B - Metals (ICP/MS)
Samples 44A_0-4 (460-336648-1), 44A_4-8 (460-336648-2), 44B_0-4 (460-336648-3), 44B_4-8 (460-336648-4), 44C_0-4 (460-336648-5), 44C_4-8 (460-336648-6), 44D_0-4 (460-336648-7), 44D_4-8 (460-336648-8), 44E_0-4 (460-336648-9), 44E_4-8 (460-336648-10), 44F_0-4 (460-336648-11), 44F_4-8 (460-336648-12), 45A_0-6 (460-336648-13), 45A_6-12 (460-336648-14), 45B_0-6 (460-336648-15), 45B_6-12 (460-336648-16), 45C_0-6 (460-336648-17), 45C_6-12 (460-336648-18), 49A_0-5 (460-336648-19), 49A_5-10 (460-336648-20), 49B_0-5 (460-336648-21) and 49B_5-10 (460-336648-22) were analyzed for Metals (ICP/MS). The samples were prepared on 10/11/2025 and analyzed on 10/12/2025.

Method 7471B - Mercury (CVAA)
Samples 44A_0-4 (460-336648-1), 44A_4-8 (460-336648-2), 44B_0-4 (460-336648-3), 44B_4-8 (460-336648-4), 44C_0-4 (460-336648-5), 44C_4-8 (460-336648-6), 44D_0-4 (460-336648-7), 44D_4-8 (460-336648-8), 44E_0-4 (460-336648-9), 44E_4-8 (460-336648-10), 44F_0-4 (460-336648-11), 44F_4-8 (460-336648-12), 45A_0-6 (460-336648-13), 45A_6-12 (460-336648-14), 45B_0-6 (460-336648-15), 45B_6-12 (460-336648-16), 45C_0-6 (460-336648-17), 45C_6-12 (460-336648-18), 49A_0-5 (460-336648-19), 49A_5-10 (460-336648-20), 49B_0-5 (460-336648-21) and 49B_5-10 (460-336648-22) were analyzed for Mercury (CVAA). The samples were prepared and analyzed on 10/16/2025.

Method Moisture - Percent Moisture
Samples 44A_0-4 (460-336648-1), 44A_4-8 (460-336648-2), 44B_0-4 (460-336648-3), 44B_4-8 (460-336648-4), 44C_0-4 (460-336648-5), 44C_4-8 (460-336648-6), 44D_0-4 (460-336648-7), 44D_4-8 (460-336648-8), 44E_0-4 (460-336648-9), 44E_4-8 (460-336648-10), 44F_0-4 (460-336648-11), 44F_4-8 (460-336648-12), 45A_0-6 (460-336648-13), 45A_6-12 (460-336648-14), 45B_0-6 (460-336648-15), 45B_6-12 (460-336648-16), 45C_0-6 (460-336648-17), 45C_6-12 (460-336648-18), 49A_0-5 (460-336648-19), 49A_5-10 (460-336648-20), 49B_0-5 (460-336648-21), 49B_5-10 (460-336648-22), 44A1_1-2 (460-336648-23), 44A2_2-3 (460-336648-24), 44A3_3-4 (460-336648-25), 44A1_4-5 (460-336648-26), 44A2_5-6 (460-336648-27), 44A3_6-7 (460-336648-28), 44A1_7-8 (460-336648-29), 44B1_1-2 (460-336648-30), 44B2_2-3 (460-336648-31), 44B3_3-4 (460-336648-32), 44B1_4-5 (460-336648-33), 44B2_5-6 (460-336648-34), 44B3_6-7 (460-336648-35), 44B1_7-8 (460-336648-36), 44C1_1-2 (460-336648-37), 44C2_2-3 (460-336648-38), 44C3_3-4 (460-336648-39), 44C1_4-5 (460-336648-40), 44C2_5-6 (460-336648-41), 44C3_6-7 (460-336648-42), 44C1_7-8 (460-336648-43), 44D1_1-2 (460-336648-44), 44D2_2-3 (460-336648-45), 44D3_3-4 (460-336648-46), 44D1_4-5 (460-336648-47), 44D2_5-6 (460-336648-48), 44D3_6-7 (460-336648-49), 44D2_7-8 (460-336648-50), 44E1_1-2 (460-336648-51), 44E2_2-3 (460-336648-52), 44E3_3-4 (460-336648-53), 44E1_5-6 (460-336648-54), 44E2_6-7 (460-336648-55), 44E2_7-8 (460-336648-56), 44E3_4-5 (460-336648-57), 44F1_1-2 (460-336648-58), 44F2_2-3 (460-336648-59), 44F3_4-5 (460-336648-60), 44F1_5-6 (460-336648-61), 44F2_6-7 (460-336648-62), 44F3_7-8 (460-336648-63), 44F1_7-8 (460-336648-64),

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45A1_1-2 (460-336648-65), 45A2_2-3 (460-336648-66), 45A3_4-5 (460-336648-67), 45A1_5-6 (460-336648-68), 45A2_7-8 (460-336648-69), 45A3_9-10 (460-336648-70), 45A1_11-12 (460-336648-71), 45B1_1-2 (460-336648-72), 45B2_3-4 (460-336648-73), 45B3_4-5 (460-336648-74), 45B1_6-7 (460-336648-75), 45B2_7-8 (460-336648-76), 45B3_9-10 (460-336648-77), 45B2_10-11 (460-336648-78), 45C1_1-2 (460-336648-79), 45C2_3-4 (460-336648-80), 45C3_4-5 (460-336648-81), 45C1_5-6 (460-336648-82), 45C2_6-7 (460-336648-83), 45C3_8-9 (460-336648-84), 45C2_11-12 (460-336648-85), 49A1_0-1 (460-336648-86), 49A2_2-3 (460-336648-87), 49A3_4-5 (460-336648-88), 49A4_5-6 (460-336648-89), 49A1_7-8 (460-336648-90), 49A2_8-9 (460-336648-91), 49A3_9-10 (460-336648-92), 49B1_1-2 (460-336648-93), 49B2_2-3 (460-336648-94), 49B3_3-4 (460-336648-95), 49B4_5-6 (460-336648-96), 49B1_7-8 (460-336648-97), 49B2_8-9 (460-336648-98) and 49B2_9-10 (460-336648-99) were analyzed for Percent Moisture. The samples were analyzed on 10/8/2025 and 10/12/2025.

Client Sample ID: 44A_0-4

Lab Sample ID: 460-336648-1

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Perfluorooctanoic acid (PFOA)	0.14	J	0.20	0.060	ug/Kg	1	☼	1633A	Total/NA
Perfluorononanoic acid (PFNA)	0.33		0.20	0.10	ug/Kg	1	☼	1633A	Total/NA
Perfluorodecanoic acid (PFDA)	0.20		0.20	0.060	ug/Kg	1	☼	1633A	Total/NA
Perfluoroundecanoic acid (PFUnA)	3.33		0.20	0.10	ug/Kg	1	☼	1633A	Total/NA
Perfluorododecanoic acid (PFDoA)	0.26		0.20	0.10	ug/Kg	1	☼	1633A	Total/NA
Perfluorotridecanoic acid (PFTrDA)	2.04		0.20	0.10	ug/Kg	1	☼	1633A	Total/NA
Aluminum	5020		15.6	4.3	mg/Kg	1	☼	6020B	Total/NA
Antimony	2.6		0.78	0.11	mg/Kg	1	☼	6020B	Total/NA
Arsenic	10.1		0.78	0.080	mg/Kg	1	☼	6020B	Total/NA
Barium	28.3		1.6	0.11	mg/Kg	1	☼	6020B	Total/NA
Beryllium	0.86		0.31	0.017	mg/Kg	1	☼	6020B	Total/NA
Cadmium	0.11	J	0.78	0.088	mg/Kg	1	☼	6020B	Total/NA
Calcium	827		77.9	7.6	mg/Kg	1	☼	6020B	Total/NA
Chromium	17.8		1.6	0.23	mg/Kg	1	☼	6020B	Total/NA
Cobalt	4.8		0.78	0.12	mg/Kg	1	☼	6020B	Total/NA
Copper	42.8		1.6	0.29	mg/Kg	1	☼	6020B	Total/NA
Iron	18600		46.7	6.0	mg/Kg	1	☼	6020B	Total/NA
Lead	58.7		0.47	0.16	mg/Kg	1	☼	6020B	Total/NA
Magnesium	1460		77.9	7.9	mg/Kg	1	☼	6020B	Total/NA
Manganese	142		3.1	0.31	mg/Kg	1	☼	6020B	Total/NA
Nickel	12.7		1.6	0.14	mg/Kg	1	☼	6020B	Total/NA
Potassium	1320		77.9	12.6	mg/Kg	1	☼	6020B	Total/NA
Selenium	0.50	J	0.97	0.10	mg/Kg	1	☼	6020B	Total/NA
Silver	0.14	J	0.31	0.069	mg/Kg	1	☼	6020B	Total/NA
Sodium	49.7	J	77.9	35.6	mg/Kg	1	☼	6020B	Total/NA
Thallium	0.082	J	0.31	0.032	mg/Kg	1	☼	6020B	Total/NA
Vanadium	22.7		1.6	0.16	mg/Kg	1	☼	6020B	Total/NA
Zinc	124		6.2	0.85	mg/Kg	1	☼	6020B	Total/NA
Mercury	0.023		0.016	0.0077	mg/Kg	1	☼	7471B	Total/NA

Client Sample ID: 44A_4-8

Lab Sample ID: 460-336648-2

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Perfluorononanoic acid (PFNA)	0.25		0.19	0.097	ug/Kg	1	☼	1633A	Total/NA
Perfluorodecanoic acid (PFDA)	0.15	J	0.19	0.058	ug/Kg	1	☼	1633A	Total/NA
Perfluoroundecanoic acid (PFUnA)	0.72		0.19	0.097	ug/Kg	1	☼	1633A	Total/NA
Perfluorotridecanoic acid (PFTrDA)	0.34		0.19	0.097	ug/Kg	1	☼	1633A	Total/NA
Aluminum	3960		15.9	4.4	mg/Kg	1	☼	6020B	Total/NA
Antimony	4.2		0.79	0.12	mg/Kg	1	☼	6020B	Total/NA
Arsenic	10.6		0.79	0.082	mg/Kg	1	☼	6020B	Total/NA
Barium	21.3		1.6	0.11	mg/Kg	1	☼	6020B	Total/NA
Beryllium	4.5		0.32	0.017	mg/Kg	1	☼	6020B	Total/NA
Cadmium	0.19	J	0.79	0.090	mg/Kg	1	☼	6020B	Total/NA
Calcium	602		79.3	7.7	mg/Kg	1	☼	6020B	Total/NA
Chromium	22.7		1.6	0.24	mg/Kg	1	☼	6020B	Total/NA
Cobalt	5.8		0.79	0.12	mg/Kg	1	☼	6020B	Total/NA
Copper	65.9		1.6	0.29	mg/Kg	1	☼	6020B	Total/NA
Iron	19300		47.6	6.1	mg/Kg	1	☼	6020B	Total/NA
Lead	113		0.48	0.16	mg/Kg	1	☼	6020B	Total/NA
Magnesium	1060		79.3	8.1	mg/Kg	1	☼	6020B	Total/NA
Manganese	148		3.2	0.32	mg/Kg	1	☼	6020B	Total/NA

This Detection Summary does not include radiochemical test results.

Client Sample ID: 44A_4-8 (Continued)

Lab Sample ID: 460-336648-2

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Nickel	21.8		1.6	0.14	mg/Kg	1	☼	6020B	Total/NA
Potassium	1170		79.3	12.8	mg/Kg	1	☼	6020B	Total/NA
Selenium	0.84	J	0.99	0.10	mg/Kg	1	☼	6020B	Total/NA
Silver	0.45		0.32	0.071	mg/Kg	1	☼	6020B	Total/NA
Sodium	50.4	J	79.3	36.2	mg/Kg	1	☼	6020B	Total/NA
Thallium	0.049	J	0.32	0.033	mg/Kg	1	☼	6020B	Total/NA
Vanadium	27.2		1.6	0.16	mg/Kg	1	☼	6020B	Total/NA
Zinc	193		6.3	0.86	mg/Kg	1	☼	6020B	Total/NA
Mercury	0.037		0.017	0.0078	mg/Kg	1	☼	7471B	Total/NA

Client Sample ID: 44B_0-4

Lab Sample ID: 460-336648-3

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Perfluorooctanoic acid (PFOA)	0.080	J	0.20	0.059	ug/Kg	1	☼	1633A	Total/NA
Perfluorononanoic acid (PFNA)	0.29		0.20	0.098	ug/Kg	1	☼	1633A	Total/NA
Perfluorodecanoic acid (PFDA)	0.63		0.20	0.059	ug/Kg	1	☼	1633A	Total/NA
Perfluoroundecanoic acid (PFUnA)	3.21		0.20	0.098	ug/Kg	1	☼	1633A	Total/NA
Perfluorododecanoic acid (PFDoA)	0.48		0.20	0.098	ug/Kg	1	☼	1633A	Total/NA
Perfluorotridecanoic acid (PFTrDA)	3.20		0.20	0.098	ug/Kg	1	☼	1633A	Total/NA
Perfluorotetradecanoic acid (PFTeDA)	0.15	J	0.20	0.098	ug/Kg	1	☼	1633A	Total/NA
1H,1H,2H,2H-Perfluorodecane sulfonic acid (8:2 FTS)	0.49		0.39	0.20	ug/Kg	1	☼	1633A	Total/NA
Aluminum	7990		15.9	4.4	mg/Kg	1	☼	6020B	Total/NA
Antimony	2.0		0.80	0.12	mg/Kg	1	☼	6020B	Total/NA
Arsenic	7.6		0.80	0.082	mg/Kg	1	☼	6020B	Total/NA
Barium	50.7		1.6	0.12	mg/Kg	1	☼	6020B	Total/NA
Beryllium	2.1		0.32	0.018	mg/Kg	1	☼	6020B	Total/NA
Cadmium	0.20	J	0.80	0.090	mg/Kg	1	☼	6020B	Total/NA
Calcium	1340		79.6	7.7	mg/Kg	1	☼	6020B	Total/NA
Chromium	26.0		1.6	0.24	mg/Kg	1	☼	6020B	Total/NA
Cobalt	8.7		0.80	0.12	mg/Kg	1	☼	6020B	Total/NA
Copper	78.3		1.6	0.29	mg/Kg	1	☼	6020B	Total/NA
Iron	21800		47.7	6.1	mg/Kg	1	☼	6020B	Total/NA
Lead	133		0.48	0.16	mg/Kg	1	☼	6020B	Total/NA
Magnesium	2490		79.6	8.1	mg/Kg	1	☼	6020B	Total/NA
Manganese	249		3.2	0.32	mg/Kg	1	☼	6020B	Total/NA
Nickel	44.9		1.6	0.14	mg/Kg	1	☼	6020B	Total/NA
Potassium	1420		79.6	12.9	mg/Kg	1	☼	6020B	Total/NA
Selenium	0.41	J	0.99	0.10	mg/Kg	1	☼	6020B	Total/NA
Silver	0.23	J	0.32	0.071	mg/Kg	1	☼	6020B	Total/NA
Sodium	88.3		79.6	36.4	mg/Kg	1	☼	6020B	Total/NA
Thallium	0.097	J	0.32	0.033	mg/Kg	1	☼	6020B	Total/NA
Vanadium	27.8		1.6	0.16	mg/Kg	1	☼	6020B	Total/NA
Zinc	315		6.4	0.87	mg/Kg	1	☼	6020B	Total/NA
Mercury	0.027		0.018	0.0084	mg/Kg	1	☼	7471B	Total/NA

Client Sample ID: 44B_4-8

Lab Sample ID: 460-336648-4

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Perfluorooctanoic acid (PFOA)	0.10	J	0.20	0.059	ug/Kg	1	☼	1633A	Total/NA
Perfluorononanoic acid (PFNA)	0.22		0.20	0.098	ug/Kg	1	☼	1633A	Total/NA
Perfluorodecanoic acid (PFDA)	0.60		0.20	0.059	ug/Kg	1	☼	1633A	Total/NA

This Detection Summary does not include radiochemical test results.

Client Sample ID: 44B_4-8 (Continued)

Lab Sample ID: 460-336648-4

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Perfluoroundecanoic acid (PFUnA)	6.81		0.20	0.098	ug/Kg	1	☼	1633A	Total/NA
Perfluorododecanoic acid (PFDoA)	0.98		0.20	0.098	ug/Kg	1	☼	1633A	Total/NA
Perfluorotridecanoic acid (PFTrDA)	1.58		0.20	0.098	ug/Kg	1	☼	1633A	Total/NA
1H,1H,2H,2H-Perfluorodecane sulfonic acid (8:2 FTS)	0.44		0.39	0.20	ug/Kg	1	☼	1633A	Total/NA
Aluminum	4600		15.9	4.4	mg/Kg	1	☼	6020B	Total/NA
Antimony	4.1		0.79	0.12	mg/Kg	1	☼	6020B	Total/NA
Arsenic	10.4		0.79	0.082	mg/Kg	1	☼	6020B	Total/NA
Barium	23.7		1.6	0.12	mg/Kg	1	☼	6020B	Total/NA
Beryllium	0.60		0.32	0.017	mg/Kg	1	☼	6020B	Total/NA
Cadmium	0.13	J	0.79	0.090	mg/Kg	1	☼	6020B	Total/NA
Calcium	2570		79.4	7.7	mg/Kg	1	☼	6020B	Total/NA
Chromium	15.2		1.6	0.24	mg/Kg	1	☼	6020B	Total/NA
Cobalt	3.9		0.79	0.12	mg/Kg	1	☼	6020B	Total/NA
Copper	38.9		1.6	0.29	mg/Kg	1	☼	6020B	Total/NA
Iron	17200		47.6	6.1	mg/Kg	1	☼	6020B	Total/NA
Lead	74.3		0.48	0.16	mg/Kg	1	☼	6020B	Total/NA
Magnesium	2230		79.4	8.1	mg/Kg	1	☼	6020B	Total/NA
Manganese	123		3.2	0.32	mg/Kg	1	☼	6020B	Total/NA
Nickel	12.0		1.6	0.14	mg/Kg	1	☼	6020B	Total/NA
Potassium	1140		79.4	12.9	mg/Kg	1	☼	6020B	Total/NA
Selenium	0.48	J	0.99	0.10	mg/Kg	1	☼	6020B	Total/NA
Silver	0.54		0.32	0.071	mg/Kg	1	☼	6020B	Total/NA
Sodium	41.0	J	79.4	36.3	mg/Kg	1	☼	6020B	Total/NA
Thallium	0.052	J	0.32	0.033	mg/Kg	1	☼	6020B	Total/NA
Vanadium	28.3		1.6	0.16	mg/Kg	1	☼	6020B	Total/NA
Zinc	55.5		6.4	0.87	mg/Kg	1	☼	6020B	Total/NA
Mercury	0.029		0.018	0.0084	mg/Kg	1	☼	7471B	Total/NA

Client Sample ID: 44C_0-4

Lab Sample ID: 460-336648-5

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Perfluoropentanoic acid (PFPeA)	0.10	J	0.20	0.099	ug/Kg	1	☼	1633A	Total/NA
Perfluoroheptanoic acid (PFHpA)	0.18	J	0.20	0.099	ug/Kg	1	☼	1633A	Total/NA
Perfluorooctanoic acid (PFOA)	0.30		0.20	0.059	ug/Kg	1	☼	1633A	Total/NA
Perfluorononanoic acid (PFNA)	1.43		0.20	0.099	ug/Kg	1	☼	1633A	Total/NA
Perfluorodecanoic acid (PFDA)	1.79		0.20	0.059	ug/Kg	1	☼	1633A	Total/NA
Perfluoroundecanoic acid (PFUnA)	7.46		0.20	0.099	ug/Kg	1	☼	1633A	Total/NA
Perfluorododecanoic acid (PFDoA)	0.79		0.20	0.099	ug/Kg	1	☼	1633A	Total/NA
Perfluorotridecanoic acid (PFTrDA)	2.18		0.20	0.099	ug/Kg	1	☼	1633A	Total/NA
Perfluorotetradecanoic acid (PFTeDA)	0.19	J	0.20	0.099	ug/Kg	1	☼	1633A	Total/NA
1H,1H,2H,2H-Perfluorooctane sulfonic acid (6:2 FTS)	0.33	J	0.40	0.20	ug/Kg	1	☼	1633A	Total/NA
1H,1H,2H,2H-Perfluorodecane sulfonic acid (8:2 FTS)	3.65		0.40	0.20	ug/Kg	1	☼	1633A	Total/NA
Aluminum	6960		15.7	4.3	mg/Kg	1	☼	6020B	Total/NA
Antimony	2.5		0.79	0.11	mg/Kg	1	☼	6020B	Total/NA
Arsenic	8.9		0.79	0.081	mg/Kg	1	☼	6020B	Total/NA
Barium	36.2		1.6	0.11	mg/Kg	1	☼	6020B	Total/NA
Beryllium	0.55		0.31	0.017	mg/Kg	1	☼	6020B	Total/NA
Cadmium	0.23	J	0.79	0.089	mg/Kg	1	☼	6020B	Total/NA
Calcium	3140		78.7	7.7	mg/Kg	1	☼	6020B	Total/NA

This Detection Summary does not include radiochemical test results.

Client Sample ID: 44C_0-4 (Continued)

Lab Sample ID: 460-336648-5

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Chromium	32.4		1.6	0.23	mg/Kg	1	☼	6020B	Total/NA
Cobalt	6.7		0.79	0.12	mg/Kg	1	☼	6020B	Total/NA
Copper	53.0		1.6	0.29	mg/Kg	1	☼	6020B	Total/NA
Iron	19700		47.2	6.0	mg/Kg	1	☼	6020B	Total/NA
Lead	96.0		0.47	0.16	mg/Kg	1	☼	6020B	Total/NA
Magnesium	3030		78.7	8.0	mg/Kg	1	☼	6020B	Total/NA
Manganese	175		3.1	0.32	mg/Kg	1	☼	6020B	Total/NA
Nickel	21.4		1.6	0.14	mg/Kg	1	☼	6020B	Total/NA
Potassium	1440		78.7	12.7	mg/Kg	1	☼	6020B	Total/NA
Selenium	0.53	J	0.98	0.10	mg/Kg	1	☼	6020B	Total/NA
Silver	0.28	J	0.31	0.070	mg/Kg	1	☼	6020B	Total/NA
Sodium	75.5	J	78.7	35.9	mg/Kg	1	☼	6020B	Total/NA
Thallium	0.071	J	0.31	0.032	mg/Kg	1	☼	6020B	Total/NA
Vanadium	26.6		1.6	0.16	mg/Kg	1	☼	6020B	Total/NA
Zinc	114		6.3	0.86	mg/Kg	1	☼	6020B	Total/NA
Mercury	0.029		0.017	0.0080	mg/Kg	1	☼	7471B	Total/NA

Client Sample ID: 44C_4-8

Lab Sample ID: 460-336648-6

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Perfluorooctanoic acid (PFOA)	0.15	J	0.19	0.058	ug/Kg	1	☼	1633A	Total/NA
Perfluorononanoic acid (PFNA)	0.29		0.19	0.097	ug/Kg	1	☼	1633A	Total/NA
Perfluorodecanoic acid (PFDA)	0.30		0.19	0.058	ug/Kg	1	☼	1633A	Total/NA
Perfluoroundecanoic acid (PFUnA)	1.81		0.19	0.097	ug/Kg	1	☼	1633A	Total/NA
Perfluorododecanoic acid (PFDoA)	0.55		0.19	0.097	ug/Kg	1	☼	1633A	Total/NA
Perfluorotridecanoic acid (PFTrDA)	2.48		0.19	0.097	ug/Kg	1	☼	1633A	Total/NA
Perfluorotetradecanoic acid (PFTeDA)	0.37		0.19	0.097	ug/Kg	1	☼	1633A	Total/NA
1H,1H,2H,2H-Perfluorooctane sulfonic acid (6:2 FTS)	0.55		0.39	0.19	ug/Kg	1	☼	1633A	Total/NA
1H,1H,2H,2H-Perfluorodecane sulfonic acid (8:2 FTS)	2.04		0.39	0.19	ug/Kg	1	☼	1633A	Total/NA
3-Perfluoroheptylpropanoic acid (7:3 FTCA)	0.61	J	0.97	0.48	ug/Kg	1	☼	1633A	Total/NA
Aluminum	5180		17.2	4.7	mg/Kg	1	☼	6020B	Total/NA
Antimony	3.2		0.86	0.13	mg/Kg	1	☼	6020B	Total/NA
Arsenic	10.6		0.86	0.089	mg/Kg	1	☼	6020B	Total/NA
Barium	26.6		1.7	0.12	mg/Kg	1	☼	6020B	Total/NA
Beryllium	0.44		0.34	0.019	mg/Kg	1	☼	6020B	Total/NA
Cadmium	0.38	J	0.86	0.097	mg/Kg	1	☼	6020B	Total/NA
Calcium	15000		85.9	8.4	mg/Kg	1	☼	6020B	Total/NA
Chromium	38.5		1.7	0.26	mg/Kg	1	☼	6020B	Total/NA
Cobalt	5.2		0.86	0.13	mg/Kg	1	☼	6020B	Total/NA
Copper	55.5		1.7	0.32	mg/Kg	1	☼	6020B	Total/NA
Iron	20300		51.6	6.6	mg/Kg	1	☼	6020B	Total/NA
Lead	131		0.52	0.17	mg/Kg	1	☼	6020B	Total/NA
Magnesium	9360		85.9	8.8	mg/Kg	1	☼	6020B	Total/NA
Manganese	168		3.4	0.35	mg/Kg	1	☼	6020B	Total/NA
Nickel	17.4		1.7	0.15	mg/Kg	1	☼	6020B	Total/NA
Potassium	1180		85.9	13.9	mg/Kg	1	☼	6020B	Total/NA
Selenium	0.32	J	1.1	0.11	mg/Kg	1	☼	6020B	Total/NA
Silver	0.33	J	0.34	0.076	mg/Kg	1	☼	6020B	Total/NA
Sodium	45.9	J	85.9	39.3	mg/Kg	1	☼	6020B	Total/NA

This Detection Summary does not include radiochemical test results.

Client Sample ID: 44C_4-8 (Continued)

Lab Sample ID: 460-336648-6

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Thallium	0.065	J	0.34	0.035	mg/Kg	1	☼	6020B	Total/NA
Vanadium	25.1		1.7	0.18	mg/Kg	1	☼	6020B	Total/NA
Zinc	131		6.9	0.94	mg/Kg	1	☼	6020B	Total/NA
Mercury	0.040		0.018	0.0086	mg/Kg	1	☼	7471B	Total/NA

Client Sample ID: 44D_0-4

Lab Sample ID: 460-336648-7

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Perfluorooctanoic acid (PFOA)	0.16	J	0.19	0.058	ug/Kg	1	☼	1633A	Total/NA
Perfluorononanoic acid (PFNA)	0.41		0.19	0.097	ug/Kg	1	☼	1633A	Total/NA
Perfluorodecanoic acid (PFDA)	0.55		0.19	0.058	ug/Kg	1	☼	1633A	Total/NA
Perfluoroundecanoic acid (PFUnA)	4.79		0.19	0.097	ug/Kg	1	☼	1633A	Total/NA
Perfluorododecanoic acid (PFDoA)	0.52		0.19	0.097	ug/Kg	1	☼	1633A	Total/NA
Perfluorotridecanoic acid (PFTrDA)	1.48		0.19	0.097	ug/Kg	1	☼	1633A	Total/NA
Perfluorotetradecanoic acid (PFTeDA)	0.17	J	0.19	0.097	ug/Kg	1	☼	1633A	Total/NA
1H,1H,2H,2H-Perfluorodecane sulfonic acid (8:2 FTS)	0.85		0.39	0.19	ug/Kg	1	☼	1633A	Total/NA
3-Perfluoroheptylpropanoic acid (7:3 FTCA)	0.72	J	0.97	0.49	ug/Kg	1	☼	1633A	Total/NA
Aluminum	6090		16.3	4.5	mg/Kg	1	☼	6020B	Total/NA
Antimony	2.8		0.81	0.12	mg/Kg	1	☼	6020B	Total/NA
Arsenic	10.3		0.81	0.084	mg/Kg	1	☼	6020B	Total/NA
Barium	39.3		1.6	0.12	mg/Kg	1	☼	6020B	Total/NA
Beryllium	0.60		0.33	0.018	mg/Kg	1	☼	6020B	Total/NA
Cadmium	0.34	J	0.81	0.092	mg/Kg	1	☼	6020B	Total/NA
Calcium	4830		81.4	7.9	mg/Kg	1	☼	6020B	Total/NA
Chromium	25.5		1.6	0.24	mg/Kg	1	☼	6020B	Total/NA
Cobalt	5.5		0.81	0.12	mg/Kg	1	☼	6020B	Total/NA
Copper	52.2		1.6	0.30	mg/Kg	1	☼	6020B	Total/NA
Iron	20900		48.8	6.2	mg/Kg	1	☼	6020B	Total/NA
Lead	96.5		0.49	0.16	mg/Kg	1	☼	6020B	Total/NA
Magnesium	3930		81.4	8.3	mg/Kg	1	☼	6020B	Total/NA
Manganese	202		3.3	0.33	mg/Kg	1	☼	6020B	Total/NA
Nickel	14.2		1.6	0.14	mg/Kg	1	☼	6020B	Total/NA
Potassium	1320		81.4	13.2	mg/Kg	1	☼	6020B	Total/NA
Selenium	0.33	J	1.0	0.10	mg/Kg	1	☼	6020B	Total/NA
Silver	0.34		0.33	0.072	mg/Kg	1	☼	6020B	Total/NA
Sodium	65.5	J	81.4	37.2	mg/Kg	1	☼	6020B	Total/NA
Thallium	0.075	J	0.33	0.033	mg/Kg	1	☼	6020B	Total/NA
Vanadium	27.9		1.6	0.17	mg/Kg	1	☼	6020B	Total/NA
Zinc	80.8		6.5	0.89	mg/Kg	1	☼	6020B	Total/NA
Mercury	0.039		0.018	0.0084	mg/Kg	1	☼	7471B	Total/NA

Client Sample ID: 44D_4-8

Lab Sample ID: 460-336648-8

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Perfluorooctanoic acid (PFOA)	0.10	J	0.20	0.059	ug/Kg	1	☼	1633A	Total/NA
Perfluorononanoic acid (PFNA)	0.36		0.20	0.099	ug/Kg	1	☼	1633A	Total/NA
Perfluorodecanoic acid (PFDA)	0.66		0.20	0.059	ug/Kg	1	☼	1633A	Total/NA
Perfluoroundecanoic acid (PFUnA)	2.95		0.20	0.099	ug/Kg	1	☼	1633A	Total/NA
Perfluorododecanoic acid (PFDoA)	0.35		0.20	0.099	ug/Kg	1	☼	1633A	Total/NA
Perfluorotridecanoic acid (PFTrDA)	1.08		0.20	0.099	ug/Kg	1	☼	1633A	Total/NA

This Detection Summary does not include radiochemical test results.

Client Sample ID: 44D_4-8 (Continued)

Lab Sample ID: 460-336648-8

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Perfluorotetradecanoic acid (PFTeDA)	0.11	J	0.20	0.099	ug/Kg	1	☼	1633A	Total/NA
1H,1H,2H,2H-Perfluorodecane sulfonic acid (8:2 FTS)	0.45		0.39	0.20	ug/Kg	1	☼	1633A	Total/NA
3-Perfluoroheptylpropanoic acid (7:3 FTCA)	0.69	J	0.99	0.49	ug/Kg	1	☼	1633A	Total/NA
Aluminum	6220		16.8	4.6	mg/Kg	1	☼	6020B	Total/NA
Antimony	2.4		0.84	0.12	mg/Kg	1	☼	6020B	Total/NA
Arsenic	9.0		0.84	0.086	mg/Kg	1	☼	6020B	Total/NA
Barium	38.2		1.7	0.12	mg/Kg	1	☼	6020B	Total/NA
Beryllium	2.8		0.34	0.018	mg/Kg	1	☼	6020B	Total/NA
Cadmium	0.29	J	0.84	0.095	mg/Kg	1	☼	6020B	Total/NA
Calcium	5990		84.0	8.2	mg/Kg	1	☼	6020B	Total/NA
Chromium	29.2		1.7	0.25	mg/Kg	1	☼	6020B	Total/NA
Cobalt	8.1		0.84	0.12	mg/Kg	1	☼	6020B	Total/NA
Copper	79.1		1.7	0.31	mg/Kg	1	☼	6020B	Total/NA
Iron	20900		50.4	6.4	mg/Kg	1	☼	6020B	Total/NA
Lead	126		0.50	0.17	mg/Kg	1	☼	6020B	Total/NA
Magnesium	4800		84.0	8.6	mg/Kg	1	☼	6020B	Total/NA
Manganese	188		3.4	0.34	mg/Kg	1	☼	6020B	Total/NA
Nickel	35.7		1.7	0.15	mg/Kg	1	☼	6020B	Total/NA
Potassium	1420		84.0	13.6	mg/Kg	1	☼	6020B	Total/NA
Selenium	0.72	J	1.0	0.11	mg/Kg	1	☼	6020B	Total/NA
Silver	0.29	J	0.34	0.075	mg/Kg	1	☼	6020B	Total/NA
Sodium	78.3	J	84.0	38.4	mg/Kg	1	☼	6020B	Total/NA
Thallium	0.086	J	0.34	0.034	mg/Kg	1	☼	6020B	Total/NA
Vanadium	26.5		1.7	0.17	mg/Kg	1	☼	6020B	Total/NA
Zinc	193		6.7	0.92	mg/Kg	1	☼	6020B	Total/NA
Mercury	0.035		0.018	0.0083	mg/Kg	1	☼	7471B	Total/NA

Client Sample ID: 44E_0-4

Lab Sample ID: 460-336648-9

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
4,4'-DDT	0.0019	J	0.0072	0.0013	mg/Kg	1	☼	8081B	Total/NA
Perfluorooctanoic acid (PFOA)	0.089	J	0.20	0.060	ug/Kg	1	☼	1633A	Total/NA
Perfluorononanoic acid (PFNA)	0.31		0.20	0.099	ug/Kg	1	☼	1633A	Total/NA
Perfluorodecanoic acid (PFDA)	0.83		0.20	0.060	ug/Kg	1	☼	1633A	Total/NA
Perfluoroundecanoic acid (PFUnA)	5.01		0.20	0.099	ug/Kg	1	☼	1633A	Total/NA
Perfluorododecanoic acid (PFDoA)	0.67		0.20	0.099	ug/Kg	1	☼	1633A	Total/NA
Perfluorotridecanoic acid (PFTrDA)	1.88		0.20	0.099	ug/Kg	1	☼	1633A	Total/NA
Perfluorotetradecanoic acid (PFTeDA)	0.19	J	0.20	0.099	ug/Kg	1	☼	1633A	Total/NA
1H,1H,2H,2H-Perfluorodecane sulfonic acid (8:2 FTS)	0.49		0.40	0.20	ug/Kg	1	☼	1633A	Total/NA
3-Perfluoroheptylpropanoic acid (7:3 FTCA)	0.51	J	0.99	0.50	ug/Kg	1	☼	1633A	Total/NA
Aluminum	5190		16.9	4.6	mg/Kg	1	☼	6020B	Total/NA
Antimony	3.6		0.84	0.12	mg/Kg	1	☼	6020B	Total/NA
Arsenic	10.7		0.84	0.087	mg/Kg	1	☼	6020B	Total/NA
Barium	41.5		1.7	0.12	mg/Kg	1	☼	6020B	Total/NA
Beryllium	0.54		0.34	0.019	mg/Kg	1	☼	6020B	Total/NA
Cadmium	0.26	J	0.84	0.095	mg/Kg	1	☼	6020B	Total/NA
Calcium	2330		84.3	8.2	mg/Kg	1	☼	6020B	Total/NA
Chromium	31.5		1.7	0.25	mg/Kg	1	☼	6020B	Total/NA

This Detection Summary does not include radiochemical test results.

Client Sample ID: 44E_0-4 (Continued)

Lab Sample ID: 460-336648-9

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Cobalt	5.8		0.84	0.12	mg/Kg	1	☼	6020B	Total/NA
Copper	62.0		1.7	0.31	mg/Kg	1	☼	6020B	Total/NA
Iron	21700		50.6	6.5	mg/Kg	1	☼	6020B	Total/NA
Lead	108		0.51	0.17	mg/Kg	1	☼	6020B	Total/NA
Magnesium	2330		84.3	8.6	mg/Kg	1	☼	6020B	Total/NA
Manganese	171		3.4	0.34	mg/Kg	1	☼	6020B	Total/NA
Nickel	22.9		1.7	0.15	mg/Kg	1	☼	6020B	Total/NA
Potassium	1320		84.3	13.7	mg/Kg	1	☼	6020B	Total/NA
Selenium	0.41	J	1.1	0.11	mg/Kg	1	☼	6020B	Total/NA
Silver	0.32	J	0.34	0.075	mg/Kg	1	☼	6020B	Total/NA
Sodium	87.8		84.3	38.5	mg/Kg	1	☼	6020B	Total/NA
Thallium	0.051	J	0.34	0.035	mg/Kg	1	☼	6020B	Total/NA
Vanadium	26.5		1.7	0.17	mg/Kg	1	☼	6020B	Total/NA
Zinc	105		6.7	0.92	mg/Kg	1	☼	6020B	Total/NA
Mercury	0.034		0.018	0.0084	mg/Kg	1	☼	7471B	Total/NA

Client Sample ID: 44E_4-8

Lab Sample ID: 460-336648-10

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Perfluorooctanoic acid (PFOA)	0.094	J	0.20	0.060	ug/Kg	1	☼	1633A	Total/NA
Perfluorononanoic acid (PFNA)	0.25	I	0.20	0.10	ug/Kg	1	☼	1633A	Total/NA
Perfluorodecanoic acid (PFDA)	0.44		0.20	0.060	ug/Kg	1	☼	1633A	Total/NA
Perfluoroundecanoic acid (PFUnA)	3.11		0.20	0.10	ug/Kg	1	☼	1633A	Total/NA
Perfluorododecanoic acid (PFDoA)	0.71		0.20	0.10	ug/Kg	1	☼	1633A	Total/NA
Perfluorotridecanoic acid (PFTrDA)	2.33		0.20	0.10	ug/Kg	1	☼	1633A	Total/NA
Perfluorotetradecanoic acid (PFTeDA)	0.21		0.20	0.10	ug/Kg	1	☼	1633A	Total/NA
1H,1H,2H,2H-Perfluorodecane sulfonic acid (8:2 FTS)	0.53		0.40	0.20	ug/Kg	1	☼	1633A	Total/NA
3-Perfluoroheptylpropanoic acid (7:3 FTCA)	0.79	J	1.00	0.50	ug/Kg	1	☼	1633A	Total/NA
Aluminum	5150		16.8	4.6	mg/Kg	1	☼	6020B	Total/NA
Antimony	2.4		0.84	0.12	mg/Kg	1	☼	6020B	Total/NA
Arsenic	9.2		0.84	0.086	mg/Kg	1	☼	6020B	Total/NA
Barium	34.6		1.7	0.12	mg/Kg	1	☼	6020B	Total/NA
Beryllium	0.55		0.34	0.018	mg/Kg	1	☼	6020B	Total/NA
Cadmium	0.59	J	0.84	0.095	mg/Kg	1	☼	6020B	Total/NA
Calcium	1160		83.9	8.2	mg/Kg	1	☼	6020B	Total/NA
Chromium	27.9		1.7	0.25	mg/Kg	1	☼	6020B	Total/NA
Cobalt	5.7		0.84	0.12	mg/Kg	1	☼	6020B	Total/NA
Copper	49.6		1.7	0.31	mg/Kg	1	☼	6020B	Total/NA
Iron	20200		50.4	6.4	mg/Kg	1	☼	6020B	Total/NA
Lead	100		0.50	0.17	mg/Kg	1	☼	6020B	Total/NA
Magnesium	1630		83.9	8.6	mg/Kg	1	☼	6020B	Total/NA
Manganese	150		3.4	0.34	mg/Kg	1	☼	6020B	Total/NA
Nickel	20.3		1.7	0.15	mg/Kg	1	☼	6020B	Total/NA
Potassium	1340		83.9	13.6	mg/Kg	1	☼	6020B	Total/NA
Selenium	0.42	J	1.0	0.11	mg/Kg	1	☼	6020B	Total/NA
Silver	0.22	J	0.34	0.075	mg/Kg	1	☼	6020B	Total/NA
Sodium	57.3	J	83.9	38.4	mg/Kg	1	☼	6020B	Total/NA
Thallium	0.053	J	0.34	0.034	mg/Kg	1	☼	6020B	Total/NA
Vanadium	26.3		1.7	0.17	mg/Kg	1	☼	6020B	Total/NA
Zinc	121		6.7	0.91	mg/Kg	1	☼	6020B	Total/NA

This Detection Summary does not include radiochemical test results.

Client Sample ID: 44E_4-8 (Continued)

Lab Sample ID: 460-336648-10

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Mercury	0.030		0.016	0.0078	mg/Kg	1	☼	7471B	Total/NA

Client Sample ID: 44F_0-4

Lab Sample ID: 460-336648-11

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Perfluorobutanoic acid (PFBA)	0.16	J	0.38	0.095	ug/Kg	1	☼	1633A	Total/NA
Perfluoropentanoic acid (PFPeA)	0.39		0.19	0.095	ug/Kg	1	☼	1633A	Total/NA
Perfluorohexanoic acid (PFHxA)	0.31		0.19	0.095	ug/Kg	1	☼	1633A	Total/NA
Perfluoroheptanoic acid (PFHpA)	0.34		0.19	0.095	ug/Kg	1	☼	1633A	Total/NA
Perfluorooctanoic acid (PFOA)	0.39		0.19	0.057	ug/Kg	1	☼	1633A	Total/NA
Perfluorononanoic acid (PFNA)	0.59		0.19	0.095	ug/Kg	1	☼	1633A	Total/NA
Perfluorodecanoic acid (PFDA)	0.66		0.19	0.057	ug/Kg	1	☼	1633A	Total/NA
Perfluoroundecanoic acid (PFUnA)	2.48		0.19	0.095	ug/Kg	1	☼	1633A	Total/NA
Perfluorododecanoic acid (PFDoA)	0.66		0.19	0.095	ug/Kg	1	☼	1633A	Total/NA
Perfluorotridecanoic acid (PFTrDA)	2.15		0.19	0.095	ug/Kg	1	☼	1633A	Total/NA
Perfluorotetradecanoic acid (PFTeDA)	0.18	J	0.19	0.095	ug/Kg	1	☼	1633A	Total/NA
1H,1H,2H,2H-Perfluorodecane sulfonic acid (8:2 FTS)	0.60		0.38	0.19	ug/Kg	1	☼	1633A	Total/NA
Aluminum	6520		16.5	4.5	mg/Kg	1	☼	6020B	Total/NA
Antimony	1.4		0.83	0.12	mg/Kg	1	☼	6020B	Total/NA
Arsenic	7.1		0.83	0.085	mg/Kg	1	☼	6020B	Total/NA
Barium	37.7		1.7	0.12	mg/Kg	1	☼	6020B	Total/NA
Beryllium	1.1		0.33	0.018	mg/Kg	1	☼	6020B	Total/NA
Cadmium	0.20	J	0.83	0.093	mg/Kg	1	☼	6020B	Total/NA
Calcium	1030		82.6	8.0	mg/Kg	1	☼	6020B	Total/NA
Chromium	30.2		1.7	0.25	mg/Kg	1	☼	6020B	Total/NA
Cobalt	6.1		0.83	0.12	mg/Kg	1	☼	6020B	Total/NA
Copper	36.4		1.7	0.30	mg/Kg	1	☼	6020B	Total/NA
Iron	20200		49.5	6.3	mg/Kg	1	☼	6020B	Total/NA
Lead	94.0		0.50	0.17	mg/Kg	1	☼	6020B	Total/NA
Magnesium	1890		82.6	8.4	mg/Kg	1	☼	6020B	Total/NA
Manganese	184		3.3	0.33	mg/Kg	1	☼	6020B	Total/NA
Nickel	15.7		1.7	0.15	mg/Kg	1	☼	6020B	Total/NA
Potassium	1350		82.6	13.4	mg/Kg	1	☼	6020B	Total/NA
Selenium	0.37	J	1.0	0.11	mg/Kg	1	☼	6020B	Total/NA
Silver	0.12	J	0.33	0.073	mg/Kg	1	☼	6020B	Total/NA
Sodium	109		82.6	37.7	mg/Kg	1	☼	6020B	Total/NA
Thallium	0.071	J	0.33	0.034	mg/Kg	1	☼	6020B	Total/NA
Vanadium	25.1		1.7	0.17	mg/Kg	1	☼	6020B	Total/NA
Zinc	90.1		6.6	0.90	mg/Kg	1	☼	6020B	Total/NA
Mercury	0.043		0.017	0.0079	mg/Kg	1	☼	7471B	Total/NA

Client Sample ID: 44F_4-8

Lab Sample ID: 460-336648-12

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Perfluorononanoic acid (PFNA)	0.13	J	0.19	0.096	ug/Kg	1	☼	1633A	Total/NA
Perfluorodecanoic acid (PFDA)	0.26		0.19	0.058	ug/Kg	1	☼	1633A	Total/NA
Perfluoroundecanoic acid (PFUnA)	1.43		0.19	0.096	ug/Kg	1	☼	1633A	Total/NA
Perfluorododecanoic acid (PFDoA)	0.40		0.19	0.096	ug/Kg	1	☼	1633A	Total/NA
Perfluorotridecanoic acid (PFTrDA)	1.36		0.19	0.096	ug/Kg	1	☼	1633A	Total/NA
Perfluorotetradecanoic acid (PFTeDA)	0.15	J	0.19	0.096	ug/Kg	1	☼	1633A	Total/NA

This Detection Summary does not include radiochemical test results.

Client Sample ID: 44F_4-8 (Continued)

Lab Sample ID: 460-336648-12

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
1H,1H,2H,2H-Perfluorooctane sulfonic acid (6:2 FTS)	0.21	J	0.39	0.19	ug/Kg	1	☼	1633A	Total/NA
1H,1H,2H,2H-Perfluorodecane sulfonic acid (8:2 FTS)	0.38	J	0.39	0.19	ug/Kg	1	☼	1633A	Total/NA
Aluminum	7710		15.8	4.3	mg/Kg	1	☼	6020B	Total/NA
Antimony	1.5		0.79	0.12	mg/Kg	1	☼	6020B	Total/NA
Arsenic	6.7		0.79	0.082	mg/Kg	1	☼	6020B	Total/NA
Barium	40.4		1.6	0.11	mg/Kg	1	☼	6020B	Total/NA
Beryllium	0.76		0.32	0.017	mg/Kg	1	☼	6020B	Total/NA
Cadmium	0.18	J	0.79	0.089	mg/Kg	1	☼	6020B	Total/NA
Calcium	1300		79.2	7.7	mg/Kg	1	☼	6020B	Total/NA
Chromium	27.0		1.6	0.24	mg/Kg	1	☼	6020B	Total/NA
Cobalt	7.9		0.79	0.12	mg/Kg	1	☼	6020B	Total/NA
Copper	51.0		1.6	0.29	mg/Kg	1	☼	6020B	Total/NA
Iron	21700		47.5	6.1	mg/Kg	1	☼	6020B	Total/NA
Lead	110		0.48	0.16	mg/Kg	1	☼	6020B	Total/NA
Magnesium	2310		79.2	8.1	mg/Kg	1	☼	6020B	Total/NA
Manganese	215		3.2	0.32	mg/Kg	1	☼	6020B	Total/NA
Nickel	24.6		1.6	0.14	mg/Kg	1	☼	6020B	Total/NA
Potassium	1340		79.2	12.8	mg/Kg	1	☼	6020B	Total/NA
Selenium	0.35	J	0.99	0.10	mg/Kg	1	☼	6020B	Total/NA
Silver	0.13	J	0.32	0.070	mg/Kg	1	☼	6020B	Total/NA
Sodium	112		79.2	36.2	mg/Kg	1	☼	6020B	Total/NA
Thallium	0.079	J	0.32	0.032	mg/Kg	1	☼	6020B	Total/NA
Vanadium	29.9		1.6	0.16	mg/Kg	1	☼	6020B	Total/NA
Zinc	112		6.3	0.86	mg/Kg	1	☼	6020B	Total/NA
Mercury	0.044		0.018	0.0084	mg/Kg	1	☼	7471B	Total/NA

Client Sample ID: 45A_0-6

Lab Sample ID: 460-336648-13

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Perfluoropentanoic acid (PFPeA)	0.14	J	0.19	0.096	ug/Kg	1	☼	1633A	Total/NA
Perfluorohexanoic acid (PFHxA)	0.26		0.19	0.096	ug/Kg	1	☼	1633A	Total/NA
Perfluoroheptanoic acid (PFHpA)	0.37		0.19	0.096	ug/Kg	1	☼	1633A	Total/NA
Perfluorooctanoic acid (PFOA)	1.31		0.19	0.057	ug/Kg	1	☼	1633A	Total/NA
Perfluorononanoic acid (PFNA)	1.13		0.19	0.096	ug/Kg	1	☼	1633A	Total/NA
Perfluorodecanoic acid (PFDA)	3.40		0.19	0.057	ug/Kg	1	☼	1633A	Total/NA
Perfluoroundecanoic acid (PFUnA)	12.3		0.19	0.096	ug/Kg	1	☼	1633A	Total/NA
Perfluorododecanoic acid (PFDoA)	3.44		0.19	0.096	ug/Kg	1	☼	1633A	Total/NA
Perfluorotridecanoic acid (PFTrDA)	10.5		0.19	0.096	ug/Kg	1	☼	1633A	Total/NA
Perfluorotetradecanoic acid (PFTeDA)	1.04		0.19	0.096	ug/Kg	1	☼	1633A	Total/NA
1H,1H,2H,2H-Perfluorooctane sulfonic acid (6:2 FTS)	1.01		0.38	0.19	ug/Kg	1	☼	1633A	Total/NA
3-Perfluoroheptylpropanoic acid (7:3 FTCA)	0.78	J	0.96	0.48	ug/Kg	1	☼	1633A	Total/NA
1H,1H,2H,2H-Perfluorodecane sulfonic acid (8:2 FTS) - DL	48.8		3.83	1.91	ug/Kg	10	☼	1633A	Total/NA
Aluminum	4660		15.7	4.3	mg/Kg	1	☼	6020B	Total/NA
Antimony	2.8		0.79	0.11	mg/Kg	1	☼	6020B	Total/NA
Arsenic	9.7		0.79	0.081	mg/Kg	1	☼	6020B	Total/NA
Barium	23.3		1.6	0.11	mg/Kg	1	☼	6020B	Total/NA
Beryllium	0.41		0.31	0.017	mg/Kg	1	☼	6020B	Total/NA
Cadmium	0.20	J	0.79	0.089	mg/Kg	1	☼	6020B	Total/NA

This Detection Summary does not include radiochemical test results.

Client Sample ID: 45A_0-6 (Continued)

Lab Sample ID: 460-336648-13

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Calcium	782		78.7	7.7	mg/Kg	1	☼	6020B	Total/NA
Chromium	15.2		1.6	0.23	mg/Kg	1	☼	6020B	Total/NA
Cobalt	4.8		0.79	0.12	mg/Kg	1	☼	6020B	Total/NA
Copper	45.9		1.6	0.29	mg/Kg	1	☼	6020B	Total/NA
Iron	17200		47.2	6.0	mg/Kg	1	☼	6020B	Total/NA
Lead	99.6		0.47	0.16	mg/Kg	1	☼	6020B	Total/NA
Magnesium	1220		78.7	8.0	mg/Kg	1	☼	6020B	Total/NA
Manganese	119		3.1	0.32	mg/Kg	1	☼	6020B	Total/NA
Nickel	16.1		1.6	0.14	mg/Kg	1	☼	6020B	Total/NA
Potassium	1170		78.7	12.8	mg/Kg	1	☼	6020B	Total/NA
Selenium	0.38	J	0.98	0.10	mg/Kg	1	☼	6020B	Total/NA
Silver	0.27	J	0.31	0.070	mg/Kg	1	☼	6020B	Total/NA
Sodium	51.0	J	78.7	36.0	mg/Kg	1	☼	6020B	Total/NA
Thallium	0.047	J	0.31	0.032	mg/Kg	1	☼	6020B	Total/NA
Vanadium	23.4		1.6	0.16	mg/Kg	1	☼	6020B	Total/NA
Zinc	86.5		6.3	0.86	mg/Kg	1	☼	6020B	Total/NA
Mercury	0.027		0.017	0.0080	mg/Kg	1	☼	7471B	Total/NA

Client Sample ID: 45A_6-12

Lab Sample ID: 460-336648-14

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Perfluoropentanoic acid (PFPeA)	0.22		0.19	0.096	ug/Kg	1	☼	1633A	Total/NA
Perfluorohexanoic acid (PFHxA)	0.23		0.19	0.096	ug/Kg	1	☼	1633A	Total/NA
Perfluoroheptanoic acid (PFHpA)	0.46		0.19	0.096	ug/Kg	1	☼	1633A	Total/NA
Perfluorooctanoic acid (PFOA)	0.61		0.19	0.057	ug/Kg	1	☼	1633A	Total/NA
Perfluorononanoic acid (PFNA)	0.82		0.19	0.096	ug/Kg	1	☼	1633A	Total/NA
Perfluorodecanoic acid (PFDA)	5.29		0.19	0.057	ug/Kg	1	☼	1633A	Total/NA
Perfluorododecanoic acid (PFDoA)	1.17		0.19	0.096	ug/Kg	1	☼	1633A	Total/NA
Perfluorotridecanoic acid (PFTrDA)	1.88		0.19	0.096	ug/Kg	1	☼	1633A	Total/NA
Perfluorotetradecanoic acid (PFTeDA)	0.17	J	0.19	0.096	ug/Kg	1	☼	1633A	Total/NA
1H,1H,2H,2H-Perfluorooctane sulfonic acid (6:2 FTS)	0.22	J	0.38	0.19	ug/Kg	1	☼	1633A	Total/NA
1H,1H,2H,2H-Perfluorodecane sulfonic acid (8:2 FTS)	18.3		0.38	0.19	ug/Kg	1	☼	1633A	Total/NA
3-Perfluoroheptylpropanoic acid (7:3 FTCA)	0.65	J	0.96	0.48	ug/Kg	1	☼	1633A	Total/NA
Perfluoroundecanoic acid (PFUnA) - DL	38.1		1.91	0.96	ug/Kg	10	☼	1633A	Total/NA
Aluminum	4850		16.6	4.5	mg/Kg	1	☼	6020B	Total/NA
Antimony	6.2		0.83	0.12	mg/Kg	1	☼	6020B	Total/NA
Arsenic	13.8		0.83	0.085	mg/Kg	1	☼	6020B	Total/NA
Barium	29.2		1.7	0.12	mg/Kg	1	☼	6020B	Total/NA
Beryllium	0.47		0.33	0.018	mg/Kg	1	☼	6020B	Total/NA
Cadmium	0.20	J	0.83	0.094	mg/Kg	1	☼	6020B	Total/NA
Calcium	819		82.8	8.1	mg/Kg	1	☼	6020B	Total/NA
Chromium	21.7		1.7	0.25	mg/Kg	1	☼	6020B	Total/NA
Cobalt	4.3		0.83	0.12	mg/Kg	1	☼	6020B	Total/NA
Copper	81.8		1.7	0.30	mg/Kg	1	☼	6020B	Total/NA
Iron	17400		49.7	6.3	mg/Kg	1	☼	6020B	Total/NA
Lead	174		0.50	0.17	mg/Kg	1	☼	6020B	Total/NA
Magnesium	1150		82.8	8.4	mg/Kg	1	☼	6020B	Total/NA
Manganese	130		3.3	0.33	mg/Kg	1	☼	6020B	Total/NA

This Detection Summary does not include radiochemical test results.

Client Sample ID: 45A_6-12 (Continued)

Lab Sample ID: 460-336648-14

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Nickel	25.5		1.7	0.15	mg/Kg	1	☼	6020B	Total/NA
Potassium	1040		82.8	13.4	mg/Kg	1	☼	6020B	Total/NA
Selenium	0.66	J	1.0	0.11	mg/Kg	1	☼	6020B	Total/NA
Silver	0.74		0.33	0.074	mg/Kg	1	☼	6020B	Total/NA
Sodium	47.2	J	82.8	37.8	mg/Kg	1	☼	6020B	Total/NA
Thallium	0.056	J	0.33	0.034	mg/Kg	1	☼	6020B	Total/NA
Vanadium	33.7		1.7	0.17	mg/Kg	1	☼	6020B	Total/NA
Zinc	104		6.6	0.90	mg/Kg	1	☼	6020B	Total/NA
Mercury	0.049		0.017	0.0078	mg/Kg	1	☼	7471B	Total/NA

Client Sample ID: 45B_0-6

Lab Sample ID: 460-336648-15

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Perfluoroheptanoic acid (PFHpA)	0.17	J	0.19	0.096	ug/Kg	1	☼	1633A	Total/NA
Perfluorooctanoic acid (PFOA)	0.25		0.19	0.058	ug/Kg	1	☼	1633A	Total/NA
Perfluorononanoic acid (PFNA)	0.70		0.19	0.096	ug/Kg	1	☼	1633A	Total/NA
Perfluorodecanoic acid (PFDA)	1.95		0.19	0.058	ug/Kg	1	☼	1633A	Total/NA
Perfluoroundecanoic acid (PFUnA)	18.7		0.19	0.096	ug/Kg	1	☼	1633A	Total/NA
Perfluorododecanoic acid (PFDoA)	2.50		0.19	0.096	ug/Kg	1	☼	1633A	Total/NA
Perfluorotridecanoic acid (PFTrDA)	6.69		0.19	0.096	ug/Kg	1	☼	1633A	Total/NA
Perfluorotetradecanoic acid (PFTeDA)	0.98		0.19	0.096	ug/Kg	1	☼	1633A	Total/NA
1H,1H,2H,2H-Perfluorooctane sulfonic acid (6:2 FTS)	0.44		0.39	0.19	ug/Kg	1	☼	1633A	Total/NA
1H,1H,2H,2H-Perfluorodecane sulfonic acid (8:2 FTS)	13.0		0.39	0.19	ug/Kg	1	☼	1633A	Total/NA
3-Perfluoroheptylpropanoic acid (7:3 FTCA)	0.89	J	0.96	0.48	ug/Kg	1	☼	1633A	Total/NA
Aluminum	5170		16.8	4.6	mg/Kg	1	☼	6020B	Total/NA
Antimony	5.5		0.84	0.12	mg/Kg	1	☼	6020B	Total/NA
Arsenic	11.6		0.84	0.086	mg/Kg	1	☼	6020B	Total/NA
Barium	48.3		1.7	0.12	mg/Kg	1	☼	6020B	Total/NA
Beryllium	0.96		0.34	0.018	mg/Kg	1	☼	6020B	Total/NA
Cadmium	0.62	J	0.84	0.095	mg/Kg	1	☼	6020B	Total/NA
Calcium	24500		83.9	8.2	mg/Kg	1	☼	6020B	Total/NA
Chromium	41.6		1.7	0.25	mg/Kg	1	☼	6020B	Total/NA
Cobalt	9.7		0.84	0.12	mg/Kg	1	☼	6020B	Total/NA
Copper	224		1.7	0.31	mg/Kg	1	☼	6020B	Total/NA
Iron	20300		50.4	6.4	mg/Kg	1	☼	6020B	Total/NA
Lead	432		0.50	0.17	mg/Kg	1	☼	6020B	Total/NA
Magnesium	14800		83.9	8.6	mg/Kg	1	☼	6020B	Total/NA
Manganese	182		3.4	0.34	mg/Kg	1	☼	6020B	Total/NA
Nickel	107		1.7	0.15	mg/Kg	1	☼	6020B	Total/NA
Potassium	1030		83.9	13.6	mg/Kg	1	☼	6020B	Total/NA
Selenium	0.59	J	1.0	0.11	mg/Kg	1	☼	6020B	Total/NA
Silver	0.63		0.34	0.075	mg/Kg	1	☼	6020B	Total/NA
Sodium	112		83.9	38.4	mg/Kg	1	☼	6020B	Total/NA
Thallium	0.051	J	0.34	0.034	mg/Kg	1	☼	6020B	Total/NA
Vanadium	27.6		1.7	0.17	mg/Kg	1	☼	6020B	Total/NA
Zinc	428		6.7	0.91	mg/Kg	1	☼	6020B	Total/NA
Mercury	0.069		0.017	0.0081	mg/Kg	1	☼	7471B	Total/NA

This Detection Summary does not include radiochemical test results.

Client Sample ID: 45B_6-12 — Lab Sample ID: 460-336648-16

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Perfluoroheptanoic acid (PFHpA)	0.20		0.20	0.099	ug/Kg	1	☼	1633A	Total/NA
Perfluorooctanoic acid (PFOA)	0.26		0.20	0.059	ug/Kg	1	☼	1633A	Total/NA
Perfluorononanoic acid (PFNA)	0.70		0.20	0.099	ug/Kg	1	☼	1633A	Total/NA
Perfluorodecanoic acid (PFDA)	3.26		0.20	0.059	ug/Kg	1	☼	1633A	Total/NA
Perfluoroundecanoic acid (PFUnA)	20.5		0.20	0.099	ug/Kg	1	☼	1633A	Total/NA
Perfluorododecanoic acid (PFDoA)	1.52		0.20	0.099	ug/Kg	1	☼	1633A	Total/NA
Perfluorotridecanoic acid (PFTrDA)	3.58		0.20	0.099	ug/Kg	1	☼	1633A	Total/NA
Perfluorotetradecanoic acid (PFTeDA)	0.40		0.20	0.099	ug/Kg	1	☼	1633A	Total/NA
1H,1H,2H,2H-Perfluorooctane sulfonic acid (6:2 FTS)	0.36	J	0.40	0.20	ug/Kg	1	☼	1633A	Total/NA
1H,1H,2H,2H-Perfluorodecane sulfonic acid (8:2 FTS)	15.8		0.40	0.20	ug/Kg	1	☼	1633A	Total/NA
3-Perfluoroheptylpropanoic acid (7:3 FTCA)	0.92	J	0.99	0.50	ug/Kg	1	☼	1633A	Total/NA
Aluminum	3850		16.3	4.5	mg/Kg	1	☼	6020B	Total/NA
Antimony	4.4		0.81	0.12	mg/Kg	1	☼	6020B	Total/NA
Arsenic	11.4		0.81	0.084	mg/Kg	1	☼	6020B	Total/NA
Barium	25.2		1.6	0.12	mg/Kg	1	☼	6020B	Total/NA
Beryllium	0.51		0.33	0.018	mg/Kg	1	☼	6020B	Total/NA
Cadmium	0.58	J	0.81	0.092	mg/Kg	1	☼	6020B	Total/NA
Calcium	44100		81.4	7.9	mg/Kg	1	☼	6020B	Total/NA
Chromium	27.8		1.6	0.24	mg/Kg	1	☼	6020B	Total/NA
Cobalt	5.7		0.81	0.12	mg/Kg	1	☼	6020B	Total/NA
Copper	116		1.6	0.30	mg/Kg	1	☼	6020B	Total/NA
Iron	16000		48.8	6.2	mg/Kg	1	☼	6020B	Total/NA
Lead	204		0.49	0.16	mg/Kg	1	☼	6020B	Total/NA
Magnesium	25200		81.4	8.3	mg/Kg	1	☼	6020B	Total/NA
Manganese	165		3.3	0.33	mg/Kg	1	☼	6020B	Total/NA
Nickel	48.9		1.6	0.14	mg/Kg	1	☼	6020B	Total/NA
Potassium	891		81.4	13.2	mg/Kg	1	☼	6020B	Total/NA
Selenium	0.37	J	1.0	0.10	mg/Kg	1	☼	6020B	Total/NA
Silver	0.53		0.33	0.072	mg/Kg	1	☼	6020B	Total/NA
Sodium	55.2	J	81.4	37.2	mg/Kg	1	☼	6020B	Total/NA
Thallium	0.042	J	0.33	0.033	mg/Kg	1	☼	6020B	Total/NA
Vanadium	25.1		1.6	0.17	mg/Kg	1	☼	6020B	Total/NA
Zinc	188		6.5	0.89	mg/Kg	1	☼	6020B	Total/NA
Mercury	0.050		0.016	0.0076	mg/Kg	1	☼	7471B	Total/NA

Client Sample ID: 45C_0-6 — Lab Sample ID: 460-336648-17

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Perfluoroheptanoic acid (PFHpA)	0.14	J	0.19	0.097	ug/Kg	1	☼	1633A	Total/NA
Perfluorooctanoic acid (PFOA)	0.26		0.19	0.058	ug/Kg	1	☼	1633A	Total/NA
Perfluorononanoic acid (PFNA)	0.71		0.19	0.097	ug/Kg	1	☼	1633A	Total/NA
Perfluorodecanoic acid (PFDA)	1.15		0.19	0.058	ug/Kg	1	☼	1633A	Total/NA
Perfluoroundecanoic acid (PFUnA)	5.48		0.19	0.097	ug/Kg	1	☼	1633A	Total/NA
Perfluorododecanoic acid (PFDoA)	0.90		0.19	0.097	ug/Kg	1	☼	1633A	Total/NA
Perfluorotridecanoic acid (PFTrDA)	3.42		0.19	0.097	ug/Kg	1	☼	1633A	Total/NA
Perfluorotetradecanoic acid (PFTeDA)	0.39		0.19	0.097	ug/Kg	1	☼	1633A	Total/NA
1H,1H,2H,2H-Perfluorooctane sulfonic acid (6:2 FTS)	0.24	J	0.39	0.19	ug/Kg	1	☼	1633A	Total/NA
1H,1H,2H,2H-Perfluorodecane sulfonic acid (8:2 FTS)	3.55		0.39	0.19	ug/Kg	1	☼	1633A	Total/NA

This Detection Summary does not include radiochemical test results.

Client Sample ID: 45C_0-6 (Continued)

Lab Sample ID: 460-336648-17

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Aluminum	6660		16.5	4.5	mg/Kg	1	☼	6020B	Total/NA
Antimony	3.6		0.83	0.12	mg/Kg	1	☼	6020B	Total/NA
Arsenic	12.2		0.83	0.085	mg/Kg	1	☼	6020B	Total/NA
Barium	54.3		1.7	0.12	mg/Kg	1	☼	6020B	Total/NA
Beryllium	0.78		0.33	0.018	mg/Kg	1	☼	6020B	Total/NA
Cadmium	0.47	J	0.83	0.094	mg/Kg	1	☼	6020B	Total/NA
Calcium	8610		82.7	8.1	mg/Kg	1	☼	6020B	Total/NA
Chromium	30.5		1.7	0.25	mg/Kg	1	☼	6020B	Total/NA
Cobalt	8.1		0.83	0.12	mg/Kg	1	☼	6020B	Total/NA
Copper	100		1.7	0.30	mg/Kg	1	☼	6020B	Total/NA
Iron	25000		49.6	6.3	mg/Kg	1	☼	6020B	Total/NA
Lead	260		0.50	0.17	mg/Kg	1	☼	6020B	Total/NA
Magnesium	5950		82.7	8.4	mg/Kg	1	☼	6020B	Total/NA
Manganese	190		3.3	0.33	mg/Kg	1	☼	6020B	Total/NA
Nickel	41.0		1.7	0.15	mg/Kg	1	☼	6020B	Total/NA
Potassium	1220		82.7	13.4	mg/Kg	1	☼	6020B	Total/NA
Selenium	0.79	J	1.0	0.11	mg/Kg	1	☼	6020B	Total/NA
Silver	0.49		0.33	0.074	mg/Kg	1	☼	6020B	Total/NA
Sodium	107		82.7	37.8	mg/Kg	1	☼	6020B	Total/NA
Thallium	0.082	J	0.33	0.034	mg/Kg	1	☼	6020B	Total/NA
Vanadium	30.9		1.7	0.17	mg/Kg	1	☼	6020B	Total/NA
Zinc	243		6.6	0.90	mg/Kg	1	☼	6020B	Total/NA
Mercury	0.12		0.017	0.0080	mg/Kg	1	☼	7471B	Total/NA

Client Sample ID: 45C_6-12

Lab Sample ID: 460-336648-18

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Perfluorooctanoic acid (PFOA)	0.067	J	0.20	0.060	ug/Kg	1	☼	1633A	Total/NA
Perfluorononanoic acid (PFNA)	0.40		0.20	0.10	ug/Kg	1	☼	1633A	Total/NA
Perfluorodecanoic acid (PFDA)	0.52		0.20	0.060	ug/Kg	1	☼	1633A	Total/NA
Perfluoroundecanoic acid (PFUnA)	1.30		0.20	0.10	ug/Kg	1	☼	1633A	Total/NA
Perfluorododecanoic acid (PFDoA)	0.24		0.20	0.10	ug/Kg	1	☼	1633A	Total/NA
Perfluorotridecanoic acid (PFTrDA)	0.87		0.20	0.10	ug/Kg	1	☼	1633A	Total/NA
1H,1H,2H,2H-Perfluorodecane sulfonic acid (8:2 FTS)	0.24	J	0.40	0.20	ug/Kg	1	☼	1633A	Total/NA
Aluminum	6070		17.2	4.7	mg/Kg	1	☼	6020B	Total/NA
Antimony	3.0		0.86	0.13	mg/Kg	1	☼	6020B	Total/NA
Arsenic	10.1		0.86	0.089	mg/Kg	1	☼	6020B	Total/NA
Barium	34.0		1.7	0.12	mg/Kg	1	☼	6020B	Total/NA
Beryllium	0.57		0.34	0.019	mg/Kg	1	☼	6020B	Total/NA
Cadmium	0.19	J	0.86	0.097	mg/Kg	1	☼	6020B	Total/NA
Calcium	1510		86.0	8.4	mg/Kg	1	☼	6020B	Total/NA
Chromium	25.5		1.7	0.26	mg/Kg	1	☼	6020B	Total/NA
Cobalt	5.1		0.86	0.13	mg/Kg	1	☼	6020B	Total/NA
Copper	40.5		1.7	0.32	mg/Kg	1	☼	6020B	Total/NA
Iron	19800		51.6	6.6	mg/Kg	1	☼	6020B	Total/NA
Lead	81.7		0.52	0.17	mg/Kg	1	☼	6020B	Total/NA
Magnesium	2070		86.0	8.8	mg/Kg	1	☼	6020B	Total/NA
Manganese	162		3.4	0.35	mg/Kg	1	☼	6020B	Total/NA
Nickel	11.0		1.7	0.15	mg/Kg	1	☼	6020B	Total/NA
Potassium	1400		86.0	13.9	mg/Kg	1	☼	6020B	Total/NA
Selenium	0.30	J	1.1	0.11	mg/Kg	1	☼	6020B	Total/NA

This Detection Summary does not include radiochemical test results.

Client Sample ID: 45C_6-12 (Continued)

Lab Sample ID: 460-336648-18

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Silver	0.30	J	0.34	0.077	mg/Kg	1	☼	6020B	Total/NA
Sodium	48.8	J	86.0	39.3	mg/Kg	1	☼	6020B	Total/NA
Thallium	0.067	J	0.34	0.035	mg/Kg	1	☼	6020B	Total/NA
Vanadium	25.8		1.7	0.18	mg/Kg	1	☼	6020B	Total/NA
Zinc	66.0		6.9	0.94	mg/Kg	1	☼	6020B	Total/NA
Mercury	0.026		0.018	0.0087	mg/Kg	1	☼	7471B	Total/NA

Client Sample ID: 49A_0-5

Lab Sample ID: 460-336648-19

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Perfluorononanoic acid (PFNA)	0.20		0.20	0.10	ug/Kg	1	☼	1633A	Total/NA
Perfluorodecanoic acid (PFDA)	0.42		0.20	0.060	ug/Kg	1	☼	1633A	Total/NA
Perfluoroundecanoic acid (PFUnA)	2.13		0.20	0.10	ug/Kg	1	☼	1633A	Total/NA
Perfluorododecanoic acid (PFDoA)	0.43		0.20	0.10	ug/Kg	1	☼	1633A	Total/NA
Perfluorotridecanoic acid (PFTrDA)	1.23		0.20	0.10	ug/Kg	1	☼	1633A	Total/NA
Aluminum	5760		16.0	4.4	mg/Kg	1	☼	6020B	Total/NA
Antimony	2.9		0.80	0.12	mg/Kg	1	☼	6020B	Total/NA
Arsenic	9.7		0.80	0.082	mg/Kg	1	☼	6020B	Total/NA
Barium	27.8		1.6	0.12	mg/Kg	1	☼	6020B	Total/NA
Beryllium	0.50		0.32	0.018	mg/Kg	1	☼	6020B	Total/NA
Cadmium	0.16	J	0.80	0.090	mg/Kg	1	☼	6020B	Total/NA
Calcium	846		80.1	7.8	mg/Kg	1	☼	6020B	Total/NA
Chromium	15.4		1.6	0.24	mg/Kg	1	☼	6020B	Total/NA
Cobalt	4.6		0.80	0.12	mg/Kg	1	☼	6020B	Total/NA
Copper	45.7		1.6	0.29	mg/Kg	1	☼	6020B	Total/NA
Iron	19900		48.0	6.1	mg/Kg	1	☼	6020B	Total/NA
Lead	102		0.48	0.16	mg/Kg	1	☼	6020B	Total/NA
Magnesium	1590		80.1	8.2	mg/Kg	1	☼	6020B	Total/NA
Manganese	137		3.2	0.32	mg/Kg	1	☼	6020B	Total/NA
Nickel	15.5		1.6	0.14	mg/Kg	1	☼	6020B	Total/NA
Potassium	1230		80.1	13.0	mg/Kg	1	☼	6020B	Total/NA
Selenium	0.38	J	1.0	0.10	mg/Kg	1	☼	6020B	Total/NA
Silver	0.36		0.32	0.071	mg/Kg	1	☼	6020B	Total/NA
Sodium	45.2	J	80.1	36.6	mg/Kg	1	☼	6020B	Total/NA
Thallium	0.059	J	0.32	0.033	mg/Kg	1	☼	6020B	Total/NA
Vanadium	28.2		1.6	0.16	mg/Kg	1	☼	6020B	Total/NA
Zinc	111		6.4	0.87	mg/Kg	1	☼	6020B	Total/NA
Mercury	0.023		0.017	0.0082	mg/Kg	1	☼	7471B	Total/NA

Client Sample ID: 49A_5-10

Lab Sample ID: 460-336648-20

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Perfluorodecanoic acid (PFDA)	0.20		0.20	0.059	ug/Kg	1	☼	1633A	Total/NA
Perfluoroundecanoic acid (PFUnA)	1.18		0.20	0.098	ug/Kg	1	☼	1633A	Total/NA
Perfluorododecanoic acid (PFDoA)	0.55		0.20	0.098	ug/Kg	1	☼	1633A	Total/NA
Perfluorotridecanoic acid (PFTrDA)	3.07		0.20	0.098	ug/Kg	1	☼	1633A	Total/NA
Perfluorotetradecanoic acid (PFTeDA)	0.23		0.20	0.098	ug/Kg	1	☼	1633A	Total/NA
Aluminum	4500		16.5	4.5	mg/Kg	1	☼	6020B	Total/NA
Antimony	2.2		0.82	0.12	mg/Kg	1	☼	6020B	Total/NA
Arsenic	8.7		0.82	0.085	mg/Kg	1	☼	6020B	Total/NA
Barium	20.8		1.6	0.12	mg/Kg	1	☼	6020B	Total/NA
Beryllium	0.40		0.33	0.018	mg/Kg	1	☼	6020B	Total/NA

This Detection Summary does not include radiochemical test results.

Client Sample ID: 49A_5-10 (Continued)

Lab Sample ID: 460-336648-20

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Cadmium	0.16	J	0.82	0.093	mg/Kg	1	☼	6020B	Total/NA
Calcium	889		82.3	8.0	mg/Kg	1	☼	6020B	Total/NA
Chromium	44.6		1.6	0.24	mg/Kg	1	☼	6020B	Total/NA
Cobalt	4.3		0.82	0.12	mg/Kg	1	☼	6020B	Total/NA
Copper	34.6		1.6	0.30	mg/Kg	1	☼	6020B	Total/NA
Iron	17800		49.4	6.3	mg/Kg	1	☼	6020B	Total/NA
Lead	89.1		0.49	0.16	mg/Kg	1	☼	6020B	Total/NA
Magnesium	1330		82.3	8.4	mg/Kg	1	☼	6020B	Total/NA
Manganese	222		3.3	0.33	mg/Kg	1	☼	6020B	Total/NA
Nickel	17.8		1.6	0.15	mg/Kg	1	☼	6020B	Total/NA
Potassium	1160		82.3	13.3	mg/Kg	1	☼	6020B	Total/NA
Selenium	0.34	J	1.0	0.11	mg/Kg	1	☼	6020B	Total/NA
Silver	0.35		0.33	0.073	mg/Kg	1	☼	6020B	Total/NA
Sodium	67.1	J	82.3	37.6	mg/Kg	1	☼	6020B	Total/NA
Thallium	0.044	J	0.33	0.034	mg/Kg	1	☼	6020B	Total/NA
Vanadium	23.3		1.6	0.17	mg/Kg	1	☼	6020B	Total/NA
Zinc	53.6		6.6	0.90	mg/Kg	1	☼	6020B	Total/NA
Mercury	0.018		0.015	0.0073	mg/Kg	1	☼	7471B	Total/NA

Client Sample ID: 49B_0-5

Lab Sample ID: 460-336648-21

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Perfluoropentanoic acid (PFPeA)	0.10	J	0.20	0.099	ug/Kg	1	☼	1633A	Total/NA
Perfluorohexanoic acid (PFHxA)	0.16	J	0.20	0.099	ug/Kg	1	☼	1633A	Total/NA
Perfluoroheptanoic acid (PFHpA)	0.47		0.20	0.099	ug/Kg	1	☼	1633A	Total/NA
Perfluorooctanoic acid (PFOA)	1.32		0.20	0.059	ug/Kg	1	☼	1633A	Total/NA
Perfluorononanoic acid (PFNA)	1.43		0.20	0.099	ug/Kg	1	☼	1633A	Total/NA
Perfluorodecanoic acid (PFDA)	1.13		0.20	0.059	ug/Kg	1	☼	1633A	Total/NA
Perfluoroundecanoic acid (PFUnA)	1.85		0.20	0.099	ug/Kg	1	☼	1633A	Total/NA
Perfluorododecanoic acid (PFDoA)	0.76		0.20	0.099	ug/Kg	1	☼	1633A	Total/NA
Perfluorotridecanoic acid (PFTrDA)	2.78		0.20	0.099	ug/Kg	1	☼	1633A	Total/NA
Perfluorotetradecanoic acid (PFTeDA)	0.31		0.20	0.099	ug/Kg	1	☼	1633A	Total/NA
Perfluorohexanesulfonic acid (PFHxS)	0.30		0.20	0.099	ug/Kg	1	☼	1633A	Total/NA
Perfluorooctanesulfonic acid (PFOS)	0.15	J	0.20	0.099	ug/Kg	1	☼	1633A	Total/NA
1H,1H,2H,2H-Perfluorodecane sulfonic acid (8:2 FTS)	1.34		0.40	0.20	ug/Kg	1	☼	1633A	Total/NA
3-Perfluoroheptylpropanoic acid (7:3 FTCA)	0.49	J	0.99	0.49	ug/Kg	1	☼	1633A	Total/NA
Aluminum	5060		16.3	4.5	mg/Kg	1	☼	6020B	Total/NA
Antimony	5.5		0.82	0.12	mg/Kg	1	☼	6020B	Total/NA
Arsenic	14.5		0.82	0.084	mg/Kg	1	☼	6020B	Total/NA
Barium	59.8		1.6	0.12	mg/Kg	1	☼	6020B	Total/NA
Beryllium	1.3		0.33	0.018	mg/Kg	1	☼	6020B	Total/NA
Cadmium	0.36	J	0.82	0.092	mg/Kg	1	☼	6020B	Total/NA
Calcium	1820		81.7	7.9	mg/Kg	1	☼	6020B	Total/NA
Chromium	40.1		1.6	0.24	mg/Kg	1	☼	6020B	Total/NA
Cobalt	23.9		0.82	0.12	mg/Kg	1	☼	6020B	Total/NA
Copper	303		1.6	0.30	mg/Kg	1	☼	6020B	Total/NA
Iron	26600		49.0	6.2	mg/Kg	1	☼	6020B	Total/NA
Lead	361		0.49	0.16	mg/Kg	1	☼	6020B	Total/NA
Magnesium	1310		81.7	8.3	mg/Kg	1	☼	6020B	Total/NA
Manganese	129		3.3	0.33	mg/Kg	1	☼	6020B	Total/NA

This Detection Summary does not include radiochemical test results.

Client Sample ID: 49B_0-5 (Continued)

Lab Sample ID: 460-336648-21

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Nickel	184		1.6	0.14	mg/Kg	1	☼	6020B	Total/NA
Potassium	1190		81.7	13.2	mg/Kg	1	☼	6020B	Total/NA
Selenium	2.9		1.0	0.10	mg/Kg	1	☼	6020B	Total/NA
Silver	0.65		0.33	0.073	mg/Kg	1	☼	6020B	Total/NA
Sodium	169		81.7	37.3	mg/Kg	1	☼	6020B	Total/NA
Thallium	0.058	J	0.33	0.033	mg/Kg	1	☼	6020B	Total/NA
Vanadium	31.0		1.6	0.17	mg/Kg	1	☼	6020B	Total/NA
Zinc	878		6.5	0.89	mg/Kg	1	☼	6020B	Total/NA
Mercury	0.029		0.017	0.0078	mg/Kg	1	☼	7471B	Total/NA

Client Sample ID: 49B_5-10

Lab Sample ID: 460-336648-22

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Perfluoropentanoic acid (PFPeA)	0.099	J	0.19	0.097	ug/Kg	1	☼	1633A	Total/NA
Perfluorohexanoic acid (PFHxA)	0.11	J	0.19	0.097	ug/Kg	1	☼	1633A	Total/NA
Perfluoroheptanoic acid (PFHpA)	0.24		0.19	0.097	ug/Kg	1	☼	1633A	Total/NA
Perfluorooctanoic acid (PFOA)	0.47		0.19	0.058	ug/Kg	1	☼	1633A	Total/NA
Perfluorononanoic acid (PFNA)	0.94		0.19	0.097	ug/Kg	1	☼	1633A	Total/NA
Perfluorodecanoic acid (PFDA)	1.12		0.19	0.058	ug/Kg	1	☼	1633A	Total/NA
Perfluoroundecanoic acid (PFUnA)	1.60		0.19	0.097	ug/Kg	1	☼	1633A	Total/NA
Perfluorododecanoic acid (PFDoA)	0.81		0.19	0.097	ug/Kg	1	☼	1633A	Total/NA
Perfluorotridecanoic acid (PFTrDA)	3.27		0.19	0.097	ug/Kg	1	☼	1633A	Total/NA
Perfluorotetradecanoic acid (PFTeDA)	0.34		0.19	0.097	ug/Kg	1	☼	1633A	Total/NA
1H,1H,2H,2H-Perfluorodecane sulfonic acid (8:2 FTS)	0.71		0.39	0.19	ug/Kg	1	☼	1633A	Total/NA
Aluminum	5780		16.3	4.5	mg/Kg	1	☼	6020B	Total/NA
Antimony	6.5		0.81	0.12	mg/Kg	1	☼	6020B	Total/NA
Arsenic	14.8		0.81	0.084	mg/Kg	1	☼	6020B	Total/NA
Barium	78.4		1.6	0.12	mg/Kg	1	☼	6020B	Total/NA
Beryllium	1.8		0.33	0.018	mg/Kg	1	☼	6020B	Total/NA
Cadmium	0.43	J	0.81	0.092	mg/Kg	1	☼	6020B	Total/NA
Calcium	1490		81.5	7.9	mg/Kg	1	☼	6020B	Total/NA
Chromium	44.3		1.6	0.24	mg/Kg	1	☼	6020B	Total/NA
Cobalt	30.2		0.81	0.12	mg/Kg	1	☼	6020B	Total/NA
Copper	379		1.6	0.30	mg/Kg	1	☼	6020B	Total/NA
Iron	30100		48.9	6.2	mg/Kg	1	☼	6020B	Total/NA
Lead	492		0.49	0.16	mg/Kg	1	☼	6020B	Total/NA
Magnesium	1140		81.5	8.3	mg/Kg	1	☼	6020B	Total/NA
Manganese	153		3.3	0.33	mg/Kg	1	☼	6020B	Total/NA
Nickel	239		1.6	0.14	mg/Kg	1	☼	6020B	Total/NA
Potassium	1190		81.5	13.2	mg/Kg	1	☼	6020B	Total/NA
Selenium	2.5		1.0	0.10	mg/Kg	1	☼	6020B	Total/NA
Silver	0.74		0.33	0.073	mg/Kg	1	☼	6020B	Total/NA
Sodium	215		81.5	37.2	mg/Kg	1	☼	6020B	Total/NA
Thallium	0.043	J	0.33	0.033	mg/Kg	1	☼	6020B	Total/NA
Vanadium	30.3		1.6	0.17	mg/Kg	1	☼	6020B	Total/NA
Zinc	1030		6.5	0.89	mg/Kg	1	☼	6020B	Total/NA
Mercury	0.024		0.018	0.0083	mg/Kg	1	☼	7471B	Total/NA

Client Sample ID: 44A1_1-2

Lab Sample ID: 460-336648-23

No Detections.

This Detection Summary does not include radiochemical test results.

Detection Summary

Client: Haley & Aldrich, Inc.
Project/Site: Former Port Mobil

Job ID: 460-336648-1

Client Sample ID: 44A2_2-3 — Lab Sample ID: 460-336648-24

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Toluene	0.00042	J	0.0011	0.00026	mg/Kg	1	☼	8260D	Total/NA

Client Sample ID: 44A3_3-4 — Lab Sample ID: 460-336648-25

No Detections.

Client Sample ID: 44A1_4-5 — Lab Sample ID: 460-336648-26

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Acetone	0.015		0.0070	0.0067	mg/Kg	1	☼	8260D	Total/NA

Client Sample ID: 44A2_5-6 — Lab Sample ID: 460-336648-27

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Toluene	0.00050	J	0.0011	0.00025	mg/Kg	1	☼	8260D	Total/NA

Client Sample ID: 44A3_6-7 — Lab Sample ID: 460-336648-28

No Detections.

Client Sample ID: 44A1_7-8 — Lab Sample ID: 460-336648-29

No Detections.

Client Sample ID: 44B1_1-2 — Lab Sample ID: 460-336648-30

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Acetone	0.0076		0.0071	0.0068	mg/Kg	1	☼	8260D	Total/NA
Toluene	0.00059	J	0.0012	0.00028	mg/Kg	1	☼	8260D	Total/NA

Client Sample ID: 44B2_2-3 — Lab Sample ID: 460-336648-31

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Toluene	0.00043	J	0.0010	0.00024	mg/Kg	1	☼	8260D	Total/NA

Client Sample ID: 44B3_3-4 — Lab Sample ID: 460-336648-32

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Toluene	0.00053	J	0.0012	0.00028	mg/Kg	1	☼	8260D	Total/NA

Client Sample ID: 44B1_4-5 — Lab Sample ID: 460-336648-33

No Detections.

Client Sample ID: 44B2_5-6 — Lab Sample ID: 460-336648-34

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Acetone	0.013		0.0066	0.0062	mg/Kg	1	☼	8260D	Total/NA
Toluene	0.00054	J	0.0011	0.00026	mg/Kg	1	☼	8260D	Total/NA

Client Sample ID: 44B3_6-7 — Lab Sample ID: 460-336648-35

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Toluene	0.00050	J	0.0010	0.00024	mg/Kg	1	☼	8260D	Total/NA

This Detection Summary does not include radiochemical test results.

Detection Summary

Client: Haley & Aldrich, Inc.
Project/Site: Former Port Mobil

Job ID: 460-336648-1

Client Sample ID: 44B1_7-8 — Lab Sample ID: 460-336648-36

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Acetone	0.0060		0.0049	0.0046	mg/Kg	1	☼	8260D	Total/NA
Methylene Chloride	0.00093	J	0.0016	0.00093	mg/Kg	1	☼	8260D	Total/NA

Client Sample ID: 44C1_1-2 — Lab Sample ID: 460-336648-37

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Methylene Chloride	0.0020		0.0019	0.0011	mg/Kg	1	☼	8260D	Total/NA

Client Sample ID: 44C2_2-3 — Lab Sample ID: 460-336648-38

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Methylene Chloride	0.0011	J	0.0018	0.0010	mg/Kg	1	☼	8260D	Total/NA

Client Sample ID: 44C3_3-4 — Lab Sample ID: 460-336648-39

No Detections.

Client Sample ID: 44C1_4-5 — Lab Sample ID: 460-336648-40

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Toluene	0.00072	J	0.0013	0.00030	mg/Kg	1	☼	8260D	Total/NA

Client Sample ID: 44C2_5-6 — Lab Sample ID: 460-336648-41

No Detections.

Client Sample ID: 44C3_6-7 — Lab Sample ID: 460-336648-42

No Detections.

Client Sample ID: 44C1_7-8 — Lab Sample ID: 460-336648-43

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Toluene	0.00039	J	0.00085	0.00020	mg/Kg	1	☼	8260D	Total/NA

Client Sample ID: 44D1_1-2 — Lab Sample ID: 460-336648-44

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Acetone	0.073		0.0068	0.0065	mg/Kg	1	☼	8260D	Total/NA
Toluene	0.00048	J	0.0011	0.00027	mg/Kg	1	☼	8260D	Total/NA

Client Sample ID: 44D2_2-3 — Lab Sample ID: 460-336648-45

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Acetone	0.044		0.0062	0.0059	mg/Kg	1	☼	8260D	Total/NA

Client Sample ID: 44D3_3-4 — Lab Sample ID: 460-336648-46

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Acetone	0.073		0.0060	0.0058	mg/Kg	1	☼	8260D	Total/NA
Toluene	0.00045	J	0.0010	0.00024	mg/Kg	1	☼	8260D	Total/NA

Client Sample ID: 44D1_4-5 — Lab Sample ID: 460-336648-47

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Toluene	0.00039	J	0.00095	0.00022	mg/Kg	1	☼	8260D	Total/NA

This Detection Summary does not include radiochemical test results.

Detection Summary

Client: Haley & Aldrich, Inc.
Project/Site: Former Port Mobil

Job ID: 460-336648-1

Client Sample ID: 44D2_5-6 — Lab Sample ID: 460-336648-48

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Acetone	0.041		0.0056	0.0053	mg/Kg	1	☼	8260D	Total/NA

Client Sample ID: 44D3_6-7 — Lab Sample ID: 460-336648-49

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Acetone	0.16		0.0056	0.0053	mg/Kg	1	☼	8260D	Total/NA

Client Sample ID: 44D2_7-8 — Lab Sample ID: 460-336648-50

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Acetone	0.090		0.0062	0.0059	mg/Kg	1	☼	8260D	Total/NA

Client Sample ID: 44E1_1-2 — Lab Sample ID: 460-336648-51

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Toluene	0.00050	J	0.0011	0.00026	mg/Kg	1	☼	8260D	Total/NA

Client Sample ID: 44E2_2-3 — Lab Sample ID: 460-336648-52

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Toluene	0.00041	J	0.00096	0.00022	mg/Kg	1	☼	8260D	Total/NA

Client Sample ID: 44E3_3-4 — Lab Sample ID: 460-336648-53

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Toluene	0.00074	J	0.0014	0.00032	mg/Kg	1	☼	8260D	Total/NA

Client Sample ID: 44E1_5-6 — Lab Sample ID: 460-336648-54

No Detections.

Client Sample ID: 44E2_6-7 — Lab Sample ID: 460-336648-55

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Acetone	0.0079		0.0075	0.0072	mg/Kg	1	☼	8260D	Total/NA
Methylene Chloride	0.0027		0.0025	0.0014	mg/Kg	1	☼	8260D	Total/NA

Client Sample ID: 44E2_7-8 — Lab Sample ID: 460-336648-56

No Detections.

Client Sample ID: 44E3_4-5 — Lab Sample ID: 460-336648-57

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Toluene	0.00042	J	0.00096	0.00023	mg/Kg	1	☼	8260D	Total/NA

Client Sample ID: 44F1_1-2 — Lab Sample ID: 460-336648-58

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Toluene	0.00045	J	0.0010	0.00024	mg/Kg	1	☼	8260D	Total/NA

Client Sample ID: 44F2_2-3 — Lab Sample ID: 460-336648-59

No Detections.

Client Sample ID: 44F3_4-5 — Lab Sample ID: 460-336648-60

No Detections.

This Detection Summary does not include radiochemical test results.

Eurofins Edison

Detection Summary

Client: Haley & Aldrich, Inc.
Project/Site: Former Port Mobil

Job ID: 460-336648-1

Client Sample ID: 44F1_5-6 — Lab Sample ID: 460-336648-61

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Toluene	0.00041	J	0.00096	0.00022	mg/Kg	1	☼	8260D	Total/NA

Client Sample ID: 44F2_6-7 — Lab Sample ID: 460-336648-62

No Detections.

Client Sample ID: 44F3_7-8 — Lab Sample ID: 460-336648-63

No Detections.

Client Sample ID: 44F1_7-8 — Lab Sample ID: 460-336648-64

No Detections.

Client Sample ID: 45A1_1-2 — Lab Sample ID: 460-336648-65

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Acetone	0.23		0.0075	0.0071	mg/Kg	1	☼	8260D	Total/NA

Client Sample ID: 45A2_2-3 — Lab Sample ID: 460-336648-66

No Detections.

Client Sample ID: 45A3_4-5 — Lab Sample ID: 460-336648-67

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Acetone	0.20		0.0067	0.0064	mg/Kg	1	☼	8260D	Total/NA
Methylene Chloride	0.0016	J	0.0022	0.0013	mg/Kg	1	☼	8260D	Total/NA

Client Sample ID: 45A1_5-6 — Lab Sample ID: 460-336648-68

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Acetone	0.28		0.0070	0.0067	mg/Kg	1	☼	8260D	Total/NA

Client Sample ID: 45A2_7-8 — Lab Sample ID: 460-336648-69

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Acetone	0.23		0.0067	0.0064	mg/Kg	1	☼	8260D	Total/NA

Client Sample ID: 45A3_9-10 — Lab Sample ID: 460-336648-70

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Acetone	0.15		0.0074	0.0071	mg/Kg	1	☼	8260D	Total/NA
Toluene	0.00089	J	0.0012	0.00029	mg/Kg	1	☼	8260D	Total/NA

Client Sample ID: 45A1_11-12 — Lab Sample ID: 460-336648-71

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Acetone	0.11		0.0069	0.0066	mg/Kg	1	☼	8260D	Total/NA

Client Sample ID: 45B1_1-2 — Lab Sample ID: 460-336648-72

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Toluene	0.00054	J	0.0011	0.00025	mg/Kg	1	☼	8260D	Total/NA

Client Sample ID: 45B2_3-4 — Lab Sample ID: 460-336648-73

No Detections.

This Detection Summary does not include radiochemical test results.

Eurofins Edison

Detection Summary

Client: Haley & Aldrich, Inc.
Project/Site: Former Port Mobil

Job ID: 460-336648-1

Client Sample ID: 45B3_4-5 — Lab Sample ID: 460-336648-74

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Toluene	0.00043	J	0.00090	0.00021	mg/Kg	1	☼	8260D	Total/NA

Client Sample ID: 45B1_6-7 — Lab Sample ID: 460-336648-75

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Methylene Chloride	0.0016	J	0.0025	0.0014	mg/Kg	1	☼	8260D	Total/NA
Toluene	0.00049	J	0.0013	0.00030	mg/Kg	1	☼	8260D	Total/NA

Client Sample ID: 45B2_7-8 — Lab Sample ID: 460-336648-76

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Toluene	0.00051	J	0.0011	0.00026	mg/Kg	1	☼	8260D	Total/NA

Client Sample ID: 45B3_9-10 — Lab Sample ID: 460-336648-77

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Toluene	0.00056	J	0.00094	0.00022	mg/Kg	1	☼	8260D	Total/NA

Client Sample ID: 45B2_10-11 — Lab Sample ID: 460-336648-78

No Detections.

Client Sample ID: 45C1_1-2 — Lab Sample ID: 460-336648-79

No Detections.

Client Sample ID: 45C2_3-4 — Lab Sample ID: 460-336648-80

No Detections.

Client Sample ID: 45C3_4-5 — Lab Sample ID: 460-336648-81

No Detections.

Client Sample ID: 45C1_5-6 — Lab Sample ID: 460-336648-82

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Methylene Chloride	0.0043		0.0020	0.0012	mg/Kg	1	☼	8260D	Total/NA

Client Sample ID: 45C2_6-7 — Lab Sample ID: 460-336648-83

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Methylene Chloride	0.0040		0.0018	0.0010	mg/Kg	1	☼	8260D	Total/NA

Client Sample ID: 45C3_8-9 — Lab Sample ID: 460-336648-84

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Methylene Chloride	0.0066		0.0023	0.0013	mg/Kg	1	☼	8260D	Total/NA

Client Sample ID: 45C2_11-12 — Lab Sample ID: 460-336648-85

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Toluene	0.00048	J	0.00099	0.00023	mg/Kg	1	☼	8260D	Total/NA

Client Sample ID: 49A1_0-1 — Lab Sample ID: 460-336648-86

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Acetone	0.047		0.0081	0.0077	mg/Kg	1	☼	8260D	Total/NA

This Detection Summary does not include radiochemical test results.

Eurofins Edison

Detection Summary

Client: Haley & Aldrich, Inc.
Project/Site: Former Port Mobil

Job ID: 460-336648-1

Client Sample ID: 49A2_2-3 — Lab Sample ID: 460-336648-87

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Acetone	0.0097		0.0065	0.0062	mg/Kg	1	☼	8260D	Total/NA

Client Sample ID: 49A3_4-5 — Lab Sample ID: 460-336648-88

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Acetone	0.020		0.0097	0.0093	mg/Kg	1	☼	8260D	Total/NA

Client Sample ID: 49A4_5-6 — Lab Sample ID: 460-336648-89

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Acetone	0.044		0.0077	0.0073	mg/Kg	1	☼	8260D	Total/NA

Client Sample ID: 49A1_7-8 — Lab Sample ID: 460-336648-90

No Detections.

Client Sample ID: 49A2_8-9 — Lab Sample ID: 460-336648-91

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Methylene Chloride	0.0017	J	0.0024	0.0014	mg/Kg	1	☼	8260D	Total/NA

Client Sample ID: 49A3_9-10 — Lab Sample ID: 460-336648-92

No Detections.

Client Sample ID: 49B1_1-2 — Lab Sample ID: 460-336648-93

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Acetone	0.035		0.0094	0.0090	mg/Kg	1	☼	8260D	Total/NA

Client Sample ID: 49B2_2-3 — Lab Sample ID: 460-336648-94

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Methylene Chloride	0.0016	J	0.0024	0.0013	mg/Kg	1	☼	8260D	Total/NA

Client Sample ID: 49B3_3-4 — Lab Sample ID: 460-336648-95

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Methylene Chloride	0.0011	J	0.0016	0.00091	mg/Kg	1	☼	8260D	Total/NA
Toluene	0.00032	J	0.00080	0.00019	mg/Kg	1	☼	8260D	Total/NA

Client Sample ID: 49B4_5-6 — Lab Sample ID: 460-336648-96

No Detections.

Client Sample ID: 49B1_7-8 — Lab Sample ID: 460-336648-97

No Detections.

Client Sample ID: 49B2_8-9 — Lab Sample ID: 460-336648-98

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Toluene	0.00057	J	0.0012	0.00027	mg/Kg	1	☼	8260D	Total/NA

Client Sample ID: 49B2_9-10 — Lab Sample ID: 460-336648-99

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Acetone	0.0053	J	0.0056	0.0053	mg/Kg	1	☼	8260D	Total/NA

This Detection Summary does not include radiochemical test results.

Client Sample ID: 49B2_9-10 (Continued)

Lab Sample ID: 460-336648-99

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Toluene	0.00039	J	0.00093	0.00022	mg/Kg	1	☼	8260D	Total/NA

This Detection Summary does not include radiochemical test results.

Client: Haley & Aldrich, Inc.
Project/Site: Former Port Mobil

Job ID: 460-336648-1

Client Sample ID: 44A_0-4
Date Collected: 10/07/25 08:00
Date Received: 10/07/25 17:15

Lab Sample ID: 460-336648-1
Matrix: Solid
Percent Solids: 95.8

Method: SW846 8270E - Semivolatile Organic Compounds (GC/MS)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1'-Biphenyl	0.34	U	0.34	0.012	mg/Kg	☼	10/08/25 20:51	10/09/25 09:31	1
1,2,4,5-Tetrachlorobenzene	0.34	U	0.34	0.011	mg/Kg	☼	10/08/25 20:51	10/09/25 09:31	1
1,4-Dioxane	0.034	U	0.034	0.030	mg/Kg	☼	10/08/25 20:51	10/09/25 09:31	1
2,2'-oxybis[1-chloropropane]	0.34	U	0.34	0.021	mg/Kg	☼	10/08/25 20:51	10/09/25 09:31	1
2,3,4,6-Tetrachlorophenol	0.34	U	0.34	0.023	mg/Kg	☼	10/08/25 20:51	10/09/25 09:31	1
2,4,5-Trichlorophenol	0.34	U	0.34	0.035	mg/Kg	☼	10/08/25 20:51	10/09/25 09:31	1
2,4,6-Trichlorophenol	0.14	U	0.14	0.044	mg/Kg	☼	10/08/25 20:51	10/09/25 09:31	1
2,4-Dichlorophenol	0.14	U	0.14	0.022	mg/Kg	☼	10/08/25 20:51	10/09/25 09:31	1
2,4-Dimethylphenol	0.34	U	0.34	0.041	mg/Kg	☼	10/08/25 20:51	10/09/25 09:31	1
2,4-Dinitrophenol	0.28	U	0.28	0.17	mg/Kg	☼	10/08/25 20:51	10/09/25 09:31	1
2,4-Dinitrotoluene	0.070	U	0.070	0.037	mg/Kg	☼	10/08/25 20:51	10/09/25 09:31	1
2,6-Dinitrotoluene	0.070	U	0.070	0.025	mg/Kg	☼	10/08/25 20:51	10/09/25 09:31	1
2-Chloronaphthalene	0.34	U	0.34	0.044	mg/Kg	☼	10/08/25 20:51	10/09/25 09:31	1
2-Chlorophenol	0.34	U	0.34	0.012	mg/Kg	☼	10/08/25 20:51	10/09/25 09:31	1
2-Methylnaphthalene	0.34	U	0.34	0.0096	mg/Kg	☼	10/08/25 20:51	10/09/25 09:31	1
2-Methylphenol	0.34	U	0.34	0.013	mg/Kg	☼	10/08/25 20:51	10/09/25 09:31	1
2-Nitroaniline	0.34	U	0.34	0.026	mg/Kg	☼	10/08/25 20:51	10/09/25 09:31	1
2-Nitrophenol	0.34	U	0.34	0.034	mg/Kg	☼	10/08/25 20:51	10/09/25 09:31	1
3 & 4 Methylphenol	0.34	U	0.34	0.021	mg/Kg	☼	10/08/25 20:51	10/09/25 09:31	1
3,3'-Dichlorobenzidine	0.14	U	0.14	0.052	mg/Kg	☼	10/08/25 20:51	10/09/25 09:31	1
3-Nitroaniline	0.34	U	0.34	0.081	mg/Kg	☼	10/08/25 20:51	10/09/25 09:31	1
4,6-Dinitro-2-methylphenol	0.28	U	0.28	0.14	mg/Kg	☼	10/08/25 20:51	10/09/25 09:31	1
4-Bromophenyl phenyl ether	0.34	U	0.34	0.014	mg/Kg	☼	10/08/25 20:51	10/09/25 09:31	1
4-Chloro-3-methylphenol	0.34	U	0.34	0.019	mg/Kg	☼	10/08/25 20:51	10/09/25 09:31	1
4-Chloroaniline	0.34	U	0.34	0.061	mg/Kg	☼	10/08/25 20:51	10/09/25 09:31	1
4-Chlorophenyl phenyl ether	0.34	U	0.34	0.012	mg/Kg	☼	10/08/25 20:51	10/09/25 09:31	1
4-Methylphenol	0.34	U	0.34	0.021	mg/Kg	☼	10/08/25 20:51	10/09/25 09:31	1
4-Nitroaniline	0.34	U	0.34	0.087	mg/Kg	☼	10/08/25 20:51	10/09/25 09:31	1
4-Nitrophenol	0.70	U	0.70	0.056	mg/Kg	☼	10/08/25 20:51	10/09/25 09:31	1
Acenaphthene	0.34	U	0.34	0.0098	mg/Kg	☼	10/08/25 20:51	10/09/25 09:31	1
Acenaphthylene	0.34	U	0.34	0.0098	mg/Kg	☼	10/08/25 20:51	10/09/25 09:31	1
Acetophenone	0.34	U	0.34	0.017	mg/Kg	☼	10/08/25 20:51	10/09/25 09:31	1
Anthracene	0.34	U	0.34	0.010	mg/Kg	☼	10/08/25 20:51	10/09/25 09:31	1
Atrazine	0.14	U	0.14	0.020	mg/Kg	☼	10/08/25 20:51	10/09/25 09:31	1
Benzaldehyde	0.34	U	0.34	0.057	mg/Kg	☼	10/08/25 20:51	10/09/25 09:31	1
Benzo[a]anthracene	0.034	U	0.034	0.026	mg/Kg	☼	10/08/25 20:51	10/09/25 09:31	1
Benzo[a]pyrene	0.034	U	0.034	0.0091	mg/Kg	☼	10/08/25 20:51	10/09/25 09:31	1
Benzo[b]fluoranthene	0.034	U	0.034	0.0089	mg/Kg	☼	10/08/25 20:51	10/09/25 09:31	1
Benzo[g,h,i]perylene	0.34	U	0.34	0.010	mg/Kg	☼	10/08/25 20:51	10/09/25 09:31	1
Benzo[k]fluoranthene	0.034	U	0.034	0.0067	mg/Kg	☼	10/08/25 20:51	10/09/25 09:31	1
Bis(2-chloroethoxy)methane	0.34	U	0.34	0.063	mg/Kg	☼	10/08/25 20:51	10/09/25 09:31	1
Bis(2-chloroethyl)ether	0.034	U	0.034	0.012	mg/Kg	☼	10/08/25 20:51	10/09/25 09:31	1
Bis(2-ethylhexyl) phthalate	0.34	U	0.34	0.018	mg/Kg	☼	10/08/25 20:51	10/09/25 09:31	1
Butyl benzyl phthalate	0.34	U	0.34	0.016	mg/Kg	☼	10/08/25 20:51	10/09/25 09:31	1
Caprolactam	0.34	U	0.34	0.053	mg/Kg	☼	10/08/25 20:51	10/09/25 09:31	1
Carbazole	0.34	U	0.34	0.013	mg/Kg	☼	10/08/25 20:51	10/09/25 09:31	1
Chrysene	0.34	U	0.34	0.014	mg/Kg	☼	10/08/25 20:51	10/09/25 09:31	1
Dibenz(a,h)anthracene	0.034	U	0.034	0.015	mg/Kg	☼	10/08/25 20:51	10/09/25 09:31	1
Dibenzofuran	0.34	U	0.34	0.011	mg/Kg	☼	10/08/25 20:51	10/09/25 09:31	1

Client Sample ID: 44A_0-4
Date Collected: 10/07/25 08:00
Date Received: 10/07/25 17:15

Lab Sample ID: 460-336648-1
Matrix: Solid
Percent Solids: 95.8

Method: SW846 8270E - Semivolatile Organic Compounds (GC/MS) (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Diethyl phthalate	0.34	U	0.34	0.011	mg/Kg	☼	10/08/25 20:51	10/09/25 09:31	1
Dimethyl phthalate	0.34	U	0.34	0.078	mg/Kg	☼	10/08/25 20:51	10/09/25 09:31	1
Di-n-butyl phthalate	0.34	U	0.34	0.013	mg/Kg	☼	10/08/25 20:51	10/09/25 09:31	1
Di-n-octyl phthalate	0.34	U	0.34	0.018	mg/Kg	☼	10/08/25 20:51	10/09/25 09:31	1
Fluoranthene	0.34	U	0.34	0.012	mg/Kg	☼	10/08/25 20:51	10/09/25 09:31	1
Fluorene	0.34	U	0.34	0.010	mg/Kg	☼	10/08/25 20:51	10/09/25 09:31	1
Hexachlorobenzene	0.034	U	0.034	0.016	mg/Kg	☼	10/08/25 20:51	10/09/25 09:31	1
Hexachlorobutadiene	0.070	U	0.070	0.0073	mg/Kg	☼	10/08/25 20:51	10/09/25 09:31	1
Hexachlorocyclopentadiene	0.34	U	0.34	0.030	mg/Kg	☼	10/08/25 20:51	10/09/25 09:31	1
Hexachloroethane	0.034	U	0.034	0.012	mg/Kg	☼	10/08/25 20:51	10/09/25 09:31	1
Indeno[1,2,3-cd]pyrene	0.034	U	0.034	0.013	mg/Kg	☼	10/08/25 20:51	10/09/25 09:31	1
Isophorone	0.14	U	0.14	0.099	mg/Kg	☼	10/08/25 20:51	10/09/25 09:31	1
Naphthalene	0.34	U	0.34	0.0059	mg/Kg	☼	10/08/25 20:51	10/09/25 09:31	1
Nitrobenzene	0.034	U	0.034	0.019	mg/Kg	☼	10/08/25 20:51	10/09/25 09:31	1
N-Nitrosodi-n-propylamine	0.034	U	0.034	0.025	mg/Kg	☼	10/08/25 20:51	10/09/25 09:31	1
N-Nitrosodiphenylamine	0.34	U	0.34	0.028	mg/Kg	☼	10/08/25 20:51	10/09/25 09:31	1
Pentachlorophenol	0.28	U	0.28	0.070	mg/Kg	☼	10/08/25 20:51	10/09/25 09:31	1
Phenanthrene	0.34	U	0.34	0.014	mg/Kg	☼	10/08/25 20:51	10/09/25 09:31	1
Phenol	0.34	U	0.34	0.013	mg/Kg	☼	10/08/25 20:51	10/09/25 09:31	1
Pyrene	0.34	U	0.34	0.0085	mg/Kg	☼	10/08/25 20:51	10/09/25 09:31	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
2,4,6-Tribromophenol (Surr)	*46*		*18 - 137*	*10/08/25 20:51*	*10/09/25 09:31*	*1*
2-Fluorobiphenyl	*44*		*33 - 117*	*10/08/25 20:51*	*10/09/25 09:31*	*1*
2-Fluorophenol (Surr)	*50*		*24 - 120*	*10/08/25 20:51*	*10/09/25 09:31*	*1*
Nitrobenzene-d5 (Surr)	*46*		*27 - 120*	*10/08/25 20:51*	*10/09/25 09:31*	*1*
Phenol-d5 (Surr)	*46*		*28 - 118*	*10/08/25 20:51*	*10/09/25 09:31*	*1*
Terphenyl-d14 (Surr)	*45*		*33 - 124*	*10/08/25 20:51*	*10/09/25 09:31*	*1*

Method: SW846 8081B - Organochlorine Pesticides (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
4,4'-DDD	0.0070	U	0.0070	0.0012	mg/Kg	☼	10/08/25 16:51	10/09/25 15:15	1
4,4'-DDE	0.0070	U	0.0070	0.00082	mg/Kg	☼	10/08/25 16:51	10/09/25 15:15	1
4,4'-DDT	0.0070	U	0.0070	0.0013	mg/Kg	☼	10/08/25 16:51	10/09/25 15:15	1
Aldrin	0.0070	U	0.0070	0.0011	mg/Kg	☼	10/08/25 16:51	10/09/25 15:15	1
alpha-BHC	0.0021	U	0.0021	0.00071	mg/Kg	☼	10/08/25 16:51	10/09/25 15:15	1
beta-BHC	0.0021	U	0.0021	0.00078	mg/Kg	☼	10/08/25 16:51	10/09/25 15:15	1
Chlordane (technical)	0.070	U	0.070	0.017	mg/Kg	☼	10/08/25 16:51	10/09/25 15:15	1
cis-Chlordane	0.0070	U	0.0070	0.0011	mg/Kg	☼	10/08/25 16:51	10/09/25 15:15	1
delta-BHC	0.0021	U	0.0021	0.00043	mg/Kg	☼	10/08/25 16:51	10/09/25 15:15	1
Dieldrin	0.0021	U	0.0021	0.00091	mg/Kg	☼	10/08/25 16:51	10/09/25 15:15	1
Endosulfan I	0.0070	U	0.0070	0.0011	mg/Kg	☼	10/08/25 16:51	10/09/25 15:15	1
Endosulfan II	0.0070	U	0.0070	0.0018	mg/Kg	☼	10/08/25 16:51	10/09/25 15:15	1
Endosulfan sulfate	0.0070	U	0.0070	0.00088	mg/Kg	☼	10/08/25 16:51	10/09/25 15:15	1
Endrin	0.0070	U	0.0070	0.0010	mg/Kg	☼	10/08/25 16:51	10/09/25 15:15	1
Endrin aldehyde	0.0070	U	0.0070	0.0016	mg/Kg	☼	10/08/25 16:51	10/09/25 15:15	1
Endrin ketone	0.0070	U	0.0070	0.0014	mg/Kg	☼	10/08/25 16:51	10/09/25 15:15	1
gamma-BHC (Lindane)	0.0021	U	0.0021	0.00065	mg/Kg	☼	10/08/25 16:51	10/09/25 15:15	1
Heptachlor	0.0070	U	0.0070	0.00082	mg/Kg	☼	10/08/25 16:51	10/09/25 15:15	1
Heptachlor epoxide	0.0070	U	0.0070	0.0010	mg/Kg	☼	10/08/25 16:51	10/09/25 15:15	1

Client Sample ID: 44A_0-4
Date Collected: 10/07/25 08:00
Date Received: 10/07/25 17:15

Lab Sample ID: 460-336648-1
Matrix: Solid
Percent Solids: 95.8

Method: SW846 8081B - Organochlorine Pesticides (GC) (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Methoxychlor	0.0070	U	0.0070	0.0016	mg/Kg	☼	10/08/25 16:51	10/09/25 15:15	1
Toxaphene	0.070	U	0.070	0.025	mg/Kg	☼	10/08/25 16:51	10/09/25 15:15	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
DCB Decachlorobiphenyl	*68*		*10 - 150*	*10/08/25 16:51*	*10/09/25 15:15*	*1*
DCB Decachlorobiphenyl	*88*		*10 - 150*	*10/08/25 16:51*	*10/09/25 15:15*	*1*
Tetrachloro-m-xylene	*72*		*14 - 150*	*10/08/25 16:51*	*10/09/25 15:15*	*1*
Tetrachloro-m-xylene	*74*		*14 - 150*	*10/08/25 16:51*	*10/09/25 15:15*	*1*

Method: SW846 8082A - Polychlorinated Biphenyls (PCBs) by Gas Chromatography

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Aroclor 1016	0.070	U	0.070	0.019	mg/Kg	☼	10/08/25 16:43	10/09/25 14:42	1
Aroclor 1221	0.070	U	0.070	0.019	mg/Kg	☼	10/08/25 16:43	10/09/25 14:42	1
Aroclor 1232	0.070	U	0.070	0.019	mg/Kg	☼	10/08/25 16:43	10/09/25 14:42	1
Aroclor 1242	0.070	U	0.070	0.019	mg/Kg	☼	10/08/25 16:43	10/09/25 14:42	1
Aroclor 1248	0.070	U	0.070	0.019	mg/Kg	☼	10/08/25 16:43	10/09/25 14:42	1
Aroclor 1254	0.070	U	0.070	0.019	mg/Kg	☼	10/08/25 16:43	10/09/25 14:42	1
Aroclor 1260	0.070	U	0.070	0.019	mg/Kg	☼	10/08/25 16:43	10/09/25 14:42	1
Aroclor-1262	0.070	U	0.070	0.019	mg/Kg	☼	10/08/25 16:43	10/09/25 14:42	1
Aroclor 1268	0.070	U	0.070	0.019	mg/Kg	☼	10/08/25 16:43	10/09/25 14:42	1
Polychlorinated biphenyls, Total	0.070	U	0.070	0.019	mg/Kg	☼	10/08/25 16:43	10/09/25 14:42	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
DCB Decachlorobiphenyl	*106*		*10 - 150*	*10/08/25 16:43*	*10/09/25 14:42*	*1*
DCB Decachlorobiphenyl	*127*		*10 - 150*	*10/08/25 16:43*	*10/09/25 14:42*	*1*
Tetrachloro-m-xylene	*107*		*10 - 150*	*10/08/25 16:43*	*10/09/25 14:42*	*1*
Tetrachloro-m-xylene	*105*		*10 - 150*	*10/08/25 16:43*	*10/09/25 14:42*	*1*

Method: EPA 1633A - Per- and Polyfluoroalkyl Substances by LC/MS/MS, 1633A

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Perfluorobutanoic acid (PFBA)	0.40	U	0.40	0.10	ug/Kg	☼	10/09/25 14:16	10/10/25 16:35	1
Perfluoropentanoic acid (PFPeA)	0.20	U	0.20	0.10	ug/Kg	☼	10/09/25 14:16	10/10/25 16:35	1
Perfluorohexanoic acid (PFHxA)	0.20	U	0.20	0.10	ug/Kg	☼	10/09/25 14:16	10/10/25 16:35	1
Perfluoroheptanoic acid (PFHpA)	0.20	U	0.20	0.10	ug/Kg	☼	10/09/25 14:16	10/10/25 16:35	1
Perfluorooctanoic acid (PFOA)	**0.14**	**J**	0.20	0.060	ug/Kg	☼	10/09/25 14:16	10/10/25 16:35	1
Perfluorononanoic acid (PFNA)	**0.33**		0.20	0.10	ug/Kg	☼	10/09/25 14:16	10/10/25 16:35	1
Perfluorodecanoic acid (PFDA)	**0.20**		0.20	0.060	ug/Kg	☼	10/09/25 14:16	10/10/25 16:35	1
Perfluoroundecanoic acid (PFUnA)	**3.33**		0.20	0.10	ug/Kg	☼	10/09/25 14:16	10/10/25 16:35	1
Perfluorododecanoic acid (PFDoA)	**0.26**		0.20	0.10	ug/Kg	☼	10/09/25 14:16	10/10/25 16:35	1
Perfluorotridecanoic acid (PFTrDA)	**2.04**		0.20	0.10	ug/Kg	☼	10/09/25 14:16	10/10/25 16:35	1
Perfluorotetradecanoic acid (PFTeDA)	0.20	U	0.20	0.10	ug/Kg	☼	10/09/25 14:16	10/10/25 16:35	1
Perfluorobutanesulfonic acid (PFBS)	0.20	U	0.20	0.10	ug/Kg	☼	10/09/25 14:16	10/10/25 16:35	1
Perfluoropentanesulfonic acid (PFPeS)	0.20	U	0.20	0.10	ug/Kg	☼	10/09/25 14:16	10/10/25 16:35	1
Perfluorohexanesulfonic acid (PFHxS)	0.20	U	0.20	0.10	ug/Kg	☼	10/09/25 14:16	10/10/25 16:35	1
Perfluoroheptanesulfonic acid (PFHpS)	0.20	U	0.20	0.10	ug/Kg	☼	10/09/25 14:16	10/10/25 16:35	1
Perfluorooctanesulfonic acid (PFOS)	0.20	U	0.20	0.10	ug/Kg	☼	10/09/25 14:16	10/10/25 16:35	1
Perfluorononanesulfonic acid (PFNS)	0.20	U	0.20	0.10	ug/Kg	☼	10/09/25 14:16	10/10/25 16:35	1

Client Sample ID: 44A_0-4
Date Collected: 10/07/25 08:00
Date Received: 10/07/25 17:15

Lab Sample ID: 460-336648-1
Matrix: Solid
Percent Solids: 95.8

Method: EPA 1633A - Per- and Polyfluoroalkyl Substances by LC/MS/MS, 1633A (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Perfluorodecanesulfonic acid (PFDS)	0.20	U	0.20	0.10	ug/Kg	☼	10/09/25 14:16	10/10/25 16:35	1
Perfluorododecanesulfonic acid (PFDoS)	0.20	U	0.20	0.10	ug/Kg	☼	10/09/25 14:16	10/10/25 16:35	1
1H,1H,2H,2H-Perfluorohexane sulfonic acid (4:2 FTS)	0.40	U	0.40	0.20	ug/Kg	☼	10/09/25 14:16	10/10/25 16:35	1
1H,1H,2H,2H-Perfluorooctane sulfonic acid (6:2 FTS)	0.40	U	0.40	0.20	ug/Kg	☼	10/09/25 14:16	10/10/25 16:35	1
1H,1H,2H,2H-Perfluorodecane sulfonic acid (8:2 FTS)	0.40	U	0.40	0.20	ug/Kg	☼	10/09/25 14:16	10/10/25 16:35	1
Perfluorooctanesulfonamide (PFOSA)	0.20	U	0.20	0.10	ug/Kg	☼	10/09/25 14:16	10/10/25 16:35	1
N-methylperfluorooctane sulfonamide (NMeFOSA)	0.20	U	0.20	0.10	ug/Kg	☼	10/09/25 14:16	10/10/25 16:35	1
N-ethylperfluorooctane sulfonamide (NEtFOSA)	0.20	U	0.20	0.10	ug/Kg	☼	10/09/25 14:16	10/10/25 16:35	1
N-methylperfluorooctanesulfonamidoacetic acid (NMeFOSAA)	0.20	U	0.20	0.10	ug/Kg	☼	10/09/25 14:16	10/10/25 16:35	1
N-ethylperfluorooctanesulfonamidoacetic acid (NEtFOSAA)	0.20	U	0.20	0.10	ug/Kg	☼	10/09/25 14:16	10/10/25 16:35	1
N-methylperfluorooctane sulfonamidoethanol (NMeFOSE)	1.0	U	1.0	0.50	ug/Kg	☼	10/09/25 14:16	10/10/25 16:35	1
N-ethylperfluorooctane sulfonamidoethanol (NEtFOSE)	1.0	U	1.0	0.50	ug/Kg	☼	10/09/25 14:16	10/10/25 16:35	1
Hexafluoropropylene Oxide Dimer Acid (HFPO-DA)	0.20	U	0.20	0.10	ug/Kg	☼	10/09/25 14:16	10/10/25 16:35	1
4,8-Dioxa-3H-perfluorononanoic acid (ADONA)	0.20	U	0.20	0.10	ug/Kg	☼	10/09/25 14:16	10/10/25 16:35	1
Perfluoro-3-methoxypropanoic acid (PFMPA)	0.20	U	0.20	0.10	ug/Kg	☼	10/09/25 14:16	10/10/25 16:35	1
Perfluoro-4-methoxybutanoic acid (PFMBA)	0.20	U	0.20	0.10	ug/Kg	☼	10/09/25 14:16	10/10/25 16:35	1
Nonafluoro-3,6-dioxaheptanoic acid (NFDHA)	0.20	U	0.20	0.10	ug/Kg	☼	10/09/25 14:16	10/10/25 16:35	1
9-Chlorohexadecafluoro-3-oxanonane-1-sulfonic acid (9Cl-PF3ONS)	0.20	U	0.20	0.10	ug/Kg	☼	10/09/25 14:16	10/10/25 16:35	1
11-Chloroeicosafluoro-3-oxaundecane-1-sulfonic acid (11Cl-PF3OUdS)	0.20	U	0.20	0.10	ug/Kg	☼	10/09/25 14:16	10/10/25 16:35	1
Perfluoro (2-ethoxyethane) sulfonic acid (PFEESA)	0.20	U	0.20	0.10	ug/Kg	☼	10/09/25 14:16	10/10/25 16:35	1
3-Perfluoropropylpropanoic acid (3:3 FTCA)	0.40	U	0.40	0.20	ug/Kg	☼	10/09/25 14:16	10/10/25 16:35	1
3-Perfluoropentylpropanoic acid (5:3 FTCA)	1.0	U	1.0	0.50	ug/Kg	☼	10/09/25 14:16	10/10/25 16:35	1
3-Perfluoroheptylpropanoic acid (7:3 FTCA)	1.0	U	1.0	0.50	ug/Kg	☼	10/09/25 14:16	10/10/25 16:35	1

Isotope Dilution	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
13C4 PFBA	*88.5*		*8 - 130*	*10/09/25 14:16*	*10/10/25 16:35*	*1*
13C5 PFPeA	*97.0*		*35 - 130*	*10/09/25 14:16*	*10/10/25 16:35*	*1*
13C5 PFHxA	*91.2*		*40 - 130*	*10/09/25 14:16*	*10/10/25 16:35*	*1*
13C4 PFHpA	*102*		*40 - 130*	*10/09/25 14:16*	*10/10/25 16:35*	*1*
13C8 PFOA	*83.2*		*40 - 130*	*10/09/25 14:16*	*10/10/25 16:35*	*1*
13C9 PFNA	*76.4*		*40 - 130*	*10/09/25 14:16*	*10/10/25 16:35*	*1*
13C6 PFDA	*73.4*		*40 - 130*	*10/09/25 14:16*	*10/10/25 16:35*	*1*
13C7 PFUnA	*65.5*		*40 - 130*	*10/09/25 14:16*	*10/10/25 16:35*	*1*
13C2 PFTeDA	*55.5*		*20 - 130*	*10/09/25 14:16*	*10/10/25 16:35*	*1*

Client Sample ID: 44A_0-4
Date Collected: 10/07/25 08:00
Date Received: 10/07/25 17:15

Lab Sample ID: 460-336648-1
Matrix: Solid
Percent Solids: 95.8

Method: EPA 1633A - Per- and Polyfluoroalkyl Substances by LC/MS/MS, 1633A (Continued)

Isotope Dilution	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
13C3 PFBS	86.2		40 - 135	10/09/25 14:16	10/10/25 16:35	1
13C3 PFHxS	82.3		40 - 130	10/09/25 14:16	10/10/25 16:35	1
13C8 PFOS	72.6		40 - 130	10/09/25 14:16	10/10/25 16:35	1
13C8 FOSA	68.5		40 - 130	10/09/25 14:16	10/10/25 16:35	1
d3-NMeFOSAA	54.6		40 - 135	10/09/25 14:16	10/10/25 16:35	1
d5-NEtFOSAA	60.3		40 - 150	10/09/25 14:16	10/10/25 16:35	1
13C2 4:2 FTS	92.6		40 - 165	10/09/25 14:16	10/10/25 16:35	1
13C2 6:2 FTS	83.1		40 - 215	10/09/25 14:16	10/10/25 16:35	1
13C2 8:2 FTS	65.7		40 - 275	10/09/25 14:16	10/10/25 16:35	1
13C3 HFPO-DA	106		40 - 130	10/09/25 14:16	10/10/25 16:35	1
d7-N-MeFOSE-M	43.6		20 - 130	10/09/25 14:16	10/10/25 16:35	1
d9-N-EtFOSE-M	41.8		15 - 130	10/09/25 14:16	10/10/25 16:35	1
d5-NEtPFOSA	58.6		10 - 130	10/09/25 14:16	10/10/25 16:35	1
d3-NMePFOSA	65.8		10 - 130	10/09/25 14:16	10/10/25 16:35	1
13C2 PFDoA	65.9		40 - 130	10/09/25 14:16	10/10/25 16:35	1

Method: SW846 6020B - Metals (ICP/MS)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Aluminum	5020		15.6	4.3	mg/Kg	☼	10/11/25 20:55	10/12/25 15:29	1
Antimony	2.6		0.78	0.11	mg/Kg	☼	10/11/25 20:55	10/12/25 15:29	1
Arsenic	10.1		0.78	0.080	mg/Kg	☼	10/11/25 20:55	10/12/25 15:29	1
Barium	28.3		1.6	0.11	mg/Kg	☼	10/11/25 20:55	10/12/25 15:29	1
Beryllium	0.86		0.31	0.017	mg/Kg	☼	10/11/25 20:55	10/12/25 15:29	1
Cadmium	0.11	J	0.78	0.088	mg/Kg	☼	10/11/25 20:55	10/12/25 15:29	1
Calcium	827		77.9	7.6	mg/Kg	☼	10/11/25 20:55	10/12/25 15:29	1
Chromium	17.8		1.6	0.23	mg/Kg	☼	10/11/25 20:55	10/12/25 15:29	1
Cobalt	4.8		0.78	0.12	mg/Kg	☼	10/11/25 20:55	10/12/25 15:29	1
Copper	42.8		1.6	0.29	mg/Kg	☼	10/11/25 20:55	10/12/25 15:29	1
Iron	18600		46.7	6.0	mg/Kg	☼	10/11/25 20:55	10/12/25 15:29	1
Lead	58.7		0.47	0.16	mg/Kg	☼	10/11/25 20:55	10/12/25 15:29	1
Magnesium	1460		77.9	7.9	mg/Kg	☼	10/11/25 20:55	10/12/25 15:29	1
Manganese	142		3.1	0.31	mg/Kg	☼	10/11/25 20:55	10/12/25 15:29	1
Nickel	12.7		1.6	0.14	mg/Kg	☼	10/11/25 20:55	10/12/25 15:29	1
Potassium	1320		77.9	12.6	mg/Kg	☼	10/11/25 20:55	10/12/25 15:29	1
Selenium	0.50	J	0.97	0.10	mg/Kg	☼	10/11/25 20:55	10/12/25 15:29	1
Silver	0.14	J	0.31	0.069	mg/Kg	☼	10/11/25 20:55	10/12/25 15:29	1
Sodium	49.7	J	77.9	35.6	mg/Kg	☼	10/11/25 20:55	10/12/25 15:29	1
Thallium	0.082	J	0.31	0.032	mg/Kg	☼	10/11/25 20:55	10/12/25 15:29	1
Vanadium	22.7		1.6	0.16	mg/Kg	☼	10/11/25 20:55	10/12/25 15:29	1
Zinc	124		6.2	0.85	mg/Kg	☼	10/11/25 20:55	10/12/25 15:29	1

Method: SW846 7471B - Mercury (CVAA)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	0.023		0.016	0.0077	mg/Kg	☼	10/16/25 01:19	10/16/25 07:19	1

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Percent Moisture (EPA Moisture)	4.2		1.0	1.0	%			10/08/25 18:34	1
Percent Solids (EPA Moisture)	95.8		1.0	1.0	%			10/08/25 18:34	1

Client: Haley & Aldrich, Inc.
Project/Site: Former Port Mobil

Job ID: 460-336648-1

Client Sample ID: 44A_4-8
Date Collected: 10/07/25 08:05
Date Received: 10/07/25 17:15

Lab Sample ID: 460-336648-2
Matrix: Solid
Percent Solids: 96.3

Method: SW846 8270E - Semivolatile Organic Compounds (GC/MS)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1'-Biphenyl	0.34	U	0.34	0.012	mg/Kg	☼	10/08/25 20:51	10/09/25 09:48	1
1,2,4,5-Tetrachlorobenzene	0.34	U	0.34	0.011	mg/Kg	☼	10/08/25 20:51	10/09/25 09:48	1
1,4-Dioxane	0.034	U	0.034	0.030	mg/Kg	☼	10/08/25 20:51	10/09/25 09:48	1
2,2'-oxybis[1-chloropropane]	0.34	U	0.34	0.021	mg/Kg	☼	10/08/25 20:51	10/09/25 09:48	1
2,3,4,6-Tetrachlorophenol	0.34	U	0.34	0.023	mg/Kg	☼	10/08/25 20:51	10/09/25 09:48	1
2,4,5-Trichlorophenol	0.34	U	0.34	0.035	mg/Kg	☼	10/08/25 20:51	10/09/25 09:48	1
2,4,6-Trichlorophenol	0.14	U	0.14	0.044	mg/Kg	☼	10/08/25 20:51	10/09/25 09:48	1
2,4-Dichlorophenol	0.14	U	0.14	0.022	mg/Kg	☼	10/08/25 20:51	10/09/25 09:48	1
2,4-Dimethylphenol	0.34	U	0.34	0.041	mg/Kg	☼	10/08/25 20:51	10/09/25 09:48	1
2,4-Dinitrophenol	0.28	U	0.28	0.17	mg/Kg	☼	10/08/25 20:51	10/09/25 09:48	1
2,4-Dinitrotoluene	0.069	U	0.069	0.037	mg/Kg	☼	10/08/25 20:51	10/09/25 09:48	1
2,6-Dinitrotoluene	0.069	U	0.069	0.025	mg/Kg	☼	10/08/25 20:51	10/09/25 09:48	1
2-Chloronaphthalene	0.34	U	0.34	0.044	mg/Kg	☼	10/08/25 20:51	10/09/25 09:48	1
2-Chlorophenol	0.34	U	0.34	0.012	mg/Kg	☼	10/08/25 20:51	10/09/25 09:48	1
2-Methylnaphthalene	0.34	U	0.34	0.0096	mg/Kg	☼	10/08/25 20:51	10/09/25 09:48	1
2-Methylphenol	0.34	U	0.34	0.013	mg/Kg	☼	10/08/25 20:51	10/09/25 09:48	1
2-Nitroaniline	0.34	U	0.34	0.026	mg/Kg	☼	10/08/25 20:51	10/09/25 09:48	1
2-Nitrophenol	0.34	U	0.34	0.034	mg/Kg	☼	10/08/25 20:51	10/09/25 09:48	1
3 & 4 Methylphenol	0.34	U	0.34	0.021	mg/Kg	☼	10/08/25 20:51	10/09/25 09:48	1
3,3'-Dichlorobenzidine	0.14	U	0.14	0.052	mg/Kg	☼	10/08/25 20:51	10/09/25 09:48	1
3-Nitroaniline	0.34	U	0.34	0.081	mg/Kg	☼	10/08/25 20:51	10/09/25 09:48	1
4,6-Dinitro-2-methylphenol	0.28	U	0.28	0.14	mg/Kg	☼	10/08/25 20:51	10/09/25 09:48	1
4-Bromophenyl phenyl ether	0.34	U	0.34	0.014	mg/Kg	☼	10/08/25 20:51	10/09/25 09:48	1
4-Chloro-3-methylphenol	0.34	U	0.34	0.019	mg/Kg	☼	10/08/25 20:51	10/09/25 09:48	1
4-Chloroaniline	0.34	U	0.34	0.061	mg/Kg	☼	10/08/25 20:51	10/09/25 09:48	1
4-Chlorophenyl phenyl ether	0.34	U	0.34	0.012	mg/Kg	☼	10/08/25 20:51	10/09/25 09:48	1
4-Methylphenol	0.34	U	0.34	0.021	mg/Kg	☼	10/08/25 20:51	10/09/25 09:48	1
4-Nitroaniline	0.34	U	0.34	0.087	mg/Kg	☼	10/08/25 20:51	10/09/25 09:48	1
4-Nitrophenol	0.69	U	0.69	0.056	mg/Kg	☼	10/08/25 20:51	10/09/25 09:48	1
Acenaphthene	0.34	U	0.34	0.0098	mg/Kg	☼	10/08/25 20:51	10/09/25 09:48	1
Acenaphthylene	0.34	U	0.34	0.0098	mg/Kg	☼	10/08/25 20:51	10/09/25 09:48	1
Acetophenone	0.34	U	0.34	0.017	mg/Kg	☼	10/08/25 20:51	10/09/25 09:48	1
Anthracene	0.34	U	0.34	0.010	mg/Kg	☼	10/08/25 20:51	10/09/25 09:48	1
Atrazine	0.14	U	0.14	0.020	mg/Kg	☼	10/08/25 20:51	10/09/25 09:48	1
Benzaldehyde	0.34	U	0.34	0.057	mg/Kg	☼	10/08/25 20:51	10/09/25 09:48	1
Benzo[a]anthracene	0.034	U	0.034	0.026	mg/Kg	☼	10/08/25 20:51	10/09/25 09:48	1
Benzo[a]pyrene	0.034	U	0.034	0.0091	mg/Kg	☼	10/08/25 20:51	10/09/25 09:48	1
Benzo[b]fluoranthene	0.034	U	0.034	0.0089	mg/Kg	☼	10/08/25 20:51	10/09/25 09:48	1
Benzo[g,h,i]perylene	0.34	U	0.34	0.010	mg/Kg	☼	10/08/25 20:51	10/09/25 09:48	1
Benzo[k]fluoranthene	0.034	U	0.034	0.0067	mg/Kg	☼	10/08/25 20:51	10/09/25 09:48	1
Bis(2-chloroethoxy)methane	0.34	U	0.34	0.063	mg/Kg	☼	10/08/25 20:51	10/09/25 09:48	1
Bis(2-chloroethyl)ether	0.034	U	0.034	0.012	mg/Kg	☼	10/08/25 20:51	10/09/25 09:48	1
Bis(2-ethylhexyl) phthalate	0.34	U	0.34	0.018	mg/Kg	☼	10/08/25 20:51	10/09/25 09:48	1
Butyl benzyl phthalate	0.34	U	0.34	0.016	mg/Kg	☼	10/08/25 20:51	10/09/25 09:48	1
Caprolactam	0.34	U	0.34	0.053	mg/Kg	☼	10/08/25 20:51	10/09/25 09:48	1
Carbazole	0.34	U	0.34	0.013	mg/Kg	☼	10/08/25 20:51	10/09/25 09:48	1
Chrysene	0.34	U	0.34	0.014	mg/Kg	☼	10/08/25 20:51	10/09/25 09:48	1
Dibenz(a,h)anthracene	0.034	U	0.034	0.015	mg/Kg	☼	10/08/25 20:51	10/09/25 09:48	1
Dibenzofuran	0.34	U	0.34	0.011	mg/Kg	☼	10/08/25 20:51	10/09/25 09:48	1

Client Sample ID: 44A_4-8
Date Collected: 10/07/25 08:05
Date Received: 10/07/25 17:15

Lab Sample ID: 460-336648-2
Matrix: Solid
Percent Solids: 96.3

Method: SW846 8270E - Semivolatile Organic Compounds (GC/MS) (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Diethyl phthalate	0.34	U	0.34	0.011	mg/Kg	☼	10/08/25 20:51	10/09/25 09:48	1
Dimethyl phthalate	0.34	U	0.34	0.078	mg/Kg	☼	10/08/25 20:51	10/09/25 09:48	1
Di-n-butyl phthalate	0.34	U	0.34	0.013	mg/Kg	☼	10/08/25 20:51	10/09/25 09:48	1
Di-n-octyl phthalate	0.34	U	0.34	0.018	mg/Kg	☼	10/08/25 20:51	10/09/25 09:48	1
Fluoranthene	0.34	U	0.34	0.012	mg/Kg	☼	10/08/25 20:51	10/09/25 09:48	1
Fluorene	0.34	U	0.34	0.010	mg/Kg	☼	10/08/25 20:51	10/09/25 09:48	1
Hexachlorobenzene	0.034	U	0.034	0.016	mg/Kg	☼	10/08/25 20:51	10/09/25 09:48	1
Hexachlorobutadiene	0.069	U	0.069	0.0073	mg/Kg	☼	10/08/25 20:51	10/09/25 09:48	1
Hexachlorocyclopentadiene	0.34	U	0.34	0.030	mg/Kg	☼	10/08/25 20:51	10/09/25 09:48	1
Hexachloroethane	0.034	U	0.034	0.012	mg/Kg	☼	10/08/25 20:51	10/09/25 09:48	1
Indeno[1,2,3-cd]pyrene	0.034	U	0.034	0.013	mg/Kg	☼	10/08/25 20:51	10/09/25 09:48	1
Isophorone	0.14	U	0.14	0.099	mg/Kg	☼	10/08/25 20:51	10/09/25 09:48	1
Naphthalene	0.34	U	0.34	0.0059	mg/Kg	☼	10/08/25 20:51	10/09/25 09:48	1
Nitrobenzene	0.034	U	0.034	0.019	mg/Kg	☼	10/08/25 20:51	10/09/25 09:48	1
N-Nitrosodi-n-propylamine	0.034	U	0.034	0.025	mg/Kg	☼	10/08/25 20:51	10/09/25 09:48	1
N-Nitrosodiphenylamine	0.34	U	0.34	0.028	mg/Kg	☼	10/08/25 20:51	10/09/25 09:48	1
Pentachlorophenol	0.28	U	0.28	0.070	mg/Kg	☼	10/08/25 20:51	10/09/25 09:48	1
Phenanthrene	0.34	U	0.34	0.014	mg/Kg	☼	10/08/25 20:51	10/09/25 09:48	1
Phenol	0.34	U	0.34	0.013	mg/Kg	☼	10/08/25 20:51	10/09/25 09:48	1
Pyrene	0.34	U	0.34	0.0085	mg/Kg	☼	10/08/25 20:51	10/09/25 09:48	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
2,4,6-Tribromophenol (Surr)	*65*		*18 - 137*	*10/08/25 20:51*	*10/09/25 09:48*	*1*
2-Fluorobiphenyl	*61*		*33 - 117*	*10/08/25 20:51*	*10/09/25 09:48*	*1*
2-Fluorophenol (Surr)	*70*		*24 - 120*	*10/08/25 20:51*	*10/09/25 09:48*	*1*
Nitrobenzene-d5 (Surr)	*65*		*27 - 120*	*10/08/25 20:51*	*10/09/25 09:48*	*1*
Phenol-d5 (Surr)	*65*		*28 - 118*	*10/08/25 20:51*	*10/09/25 09:48*	*1*
Terphenyl-d14 (Surr)	*64*		*33 - 124*	*10/08/25 20:51*	*10/09/25 09:48*	*1*

Method: SW846 8081B - Organochlorine Pesticides (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
4,4'-DDD	0.0070	U	0.0070	0.0012	mg/Kg	☼	10/08/25 16:51	10/09/25 15:52	1
4,4'-DDE	0.0070	U	0.0070	0.00082	mg/Kg	☼	10/08/25 16:51	10/09/25 15:52	1
4,4'-DDT	0.0070	U	0.0070	0.0013	mg/Kg	☼	10/08/25 16:51	10/09/25 15:52	1
Aldrin	0.0070	U	0.0070	0.0010	mg/Kg	☼	10/08/25 16:51	10/09/25 15:52	1
alpha-BHC	0.0021	U	0.0021	0.00071	mg/Kg	☼	10/08/25 16:51	10/09/25 15:52	1
beta-BHC	0.0021	U	0.0021	0.00078	mg/Kg	☼	10/08/25 16:51	10/09/25 15:52	1
Chlordane (technical)	0.070	U	0.070	0.017	mg/Kg	☼	10/08/25 16:51	10/09/25 15:52	1
cis-Chlordane	0.0070	U	0.0070	0.0011	mg/Kg	☼	10/08/25 16:51	10/09/25 15:52	1
delta-BHC	0.0021	U	0.0021	0.00043	mg/Kg	☼	10/08/25 16:51	10/09/25 15:52	1
Dieldrin	0.0021	U	0.0021	0.00090	mg/Kg	☼	10/08/25 16:51	10/09/25 15:52	1
Endosulfan I	0.0070	U	0.0070	0.0011	mg/Kg	☼	10/08/25 16:51	10/09/25 15:52	1
Endosulfan II	0.0070	U	0.0070	0.0018	mg/Kg	☼	10/08/25 16:51	10/09/25 15:52	1
Endosulfan sulfate	0.0070	U	0.0070	0.00087	mg/Kg	☼	10/08/25 16:51	10/09/25 15:52	1
Endrin	0.0070	U	0.0070	0.0010	mg/Kg	☼	10/08/25 16:51	10/09/25 15:52	1
Endrin aldehyde	0.0070	U	0.0070	0.0016	mg/Kg	☼	10/08/25 16:51	10/09/25 15:52	1
Endrin ketone	0.0070	U	0.0070	0.0014	mg/Kg	☼	10/08/25 16:51	10/09/25 15:52	1
gamma-BHC (Lindane)	0.0021	U	0.0021	0.00064	mg/Kg	☼	10/08/25 16:51	10/09/25 15:52	1
Heptachlor	0.0070	U	0.0070	0.00082	mg/Kg	☼	10/08/25 16:51	10/09/25 15:52	1
Heptachlor epoxide	0.0070	U	0.0070	0.0010	mg/Kg	☼	10/08/25 16:51	10/09/25 15:52	1

Client Sample ID: 44A_4-8
Date Collected: 10/07/25 08:05
Date Received: 10/07/25 17:15

Lab Sample ID: 460-336648-2
Matrix: Solid
Percent Solids: 96.3

Method: SW846 8081B - Organochlorine Pesticides (GC) (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Methoxychlor	0.0070	U	0.0070	0.0016	mg/Kg	☼	10/08/25 16:51	10/09/25 15:52	1
Toxaphene	0.070	U	0.070	0.025	mg/Kg	☼	10/08/25 16:51	10/09/25 15:52	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
DCB Decachlorobiphenyl	*85*		*10 - 150*	*10/08/25 16:51*	*10/09/25 15:52*	*1*
DCB Decachlorobiphenyl	*104*		*10 - 150*	*10/08/25 16:51*	*10/09/25 15:52*	*1*
Tetrachloro-m-xylene	*85*		*14 - 150*	*10/08/25 16:51*	*10/09/25 15:52*	*1*
Tetrachloro-m-xylene	*86*		*14 - 150*	*10/08/25 16:51*	*10/09/25 15:52*	*1*

Method: SW846 8082A - Polychlorinated Biphenyls (PCBs) by Gas Chromatography

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Aroclor 1016	0.070	U	0.070	0.018	mg/Kg	☼	10/08/25 16:43	10/09/25 15:05	1
Aroclor 1221	0.070	U	0.070	0.018	mg/Kg	☼	10/08/25 16:43	10/09/25 15:05	1
Aroclor 1232	0.070	U	0.070	0.018	mg/Kg	☼	10/08/25 16:43	10/09/25 15:05	1
Aroclor 1242	0.070	U	0.070	0.018	mg/Kg	☼	10/08/25 16:43	10/09/25 15:05	1
Aroclor 1248	0.070	U	0.070	0.018	mg/Kg	☼	10/08/25 16:43	10/09/25 15:05	1
Aroclor 1254	0.070	U	0.070	0.018	mg/Kg	☼	10/08/25 16:43	10/09/25 15:05	1
Aroclor 1260	0.070	U	0.070	0.018	mg/Kg	☼	10/08/25 16:43	10/09/25 15:05	1
Aroclor-1262	0.070	U	0.070	0.018	mg/Kg	☼	10/08/25 16:43	10/09/25 15:05	1
Aroclor 1268	0.070	U	0.070	0.018	mg/Kg	☼	10/08/25 16:43	10/09/25 15:05	1
Polychlorinated biphenyls, Total	0.070	U	0.070	0.018	mg/Kg	☼	10/08/25 16:43	10/09/25 15:05	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
DCB Decachlorobiphenyl	*100*		*10 - 150*	*10/08/25 16:43*	*10/09/25 15:05*	*1*
DCB Decachlorobiphenyl	*121*		*10 - 150*	*10/08/25 16:43*	*10/09/25 15:05*	*1*
Tetrachloro-m-xylene	*104*		*10 - 150*	*10/08/25 16:43*	*10/09/25 15:05*	*1*
Tetrachloro-m-xylene	*102*		*10 - 150*	*10/08/25 16:43*	*10/09/25 15:05*	*1*

Method: EPA 1633A - Per- and Polyfluoroalkyl Substances by LC/MS/MS, 1633A

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Perfluorobutanoic acid (PFBA)	0.39	U	0.39	0.097	ug/Kg	☼	10/09/25 14:16	10/10/25 16:49	1
Perfluoropentanoic acid (PFPeA)	0.19	U	0.19	0.097	ug/Kg	☼	10/09/25 14:16	10/10/25 16:49	1
Perfluorohexanoic acid (PFHxA)	0.19	U	0.19	0.097	ug/Kg	☼	10/09/25 14:16	10/10/25 16:49	1
Perfluoroheptanoic acid (PFHpA)	0.19	U	0.19	0.097	ug/Kg	☼	10/09/25 14:16	10/10/25 16:49	1
Perfluorooctanoic acid (PFOA)	0.19	U	0.19	0.058	ug/Kg	☼	10/09/25 14:16	10/10/25 16:49	1
Perfluorononanoic acid (PFNA)	**0.25**		0.19	0.097	ug/Kg	☼	10/09/25 14:16	10/10/25 16:49	1
Perfluorodecanoic acid (PFDA)	**0.15**	**J**	0.19	0.058	ug/Kg	☼	10/09/25 14:16	10/10/25 16:49	1
Perfluoroundecanoic acid (PFUnA)	**0.72**		0.19	0.097	ug/Kg	☼	10/09/25 14:16	10/10/25 16:49	1
Perfluorododecanoic acid (PFDoA)	0.19	U	0.19	0.097	ug/Kg	☼	10/09/25 14:16	10/10/25 16:49	1
Perfluorotridecanoic acid (PFTrDA)	**0.34**		0.19	0.097	ug/Kg	☼	10/09/25 14:16	10/10/25 16:49	1
Perfluorotetradecanoic acid (PFTeDA)	0.19	U	0.19	0.097	ug/Kg	☼	10/09/25 14:16	10/10/25 16:49	1
Perfluorobutanesulfonic acid (PFBS)	0.19	U	0.19	0.097	ug/Kg	☼	10/09/25 14:16	10/10/25 16:49	1
Perfluoropentanesulfonic acid (PFPeS)	0.19	U	0.19	0.097	ug/Kg	☼	10/09/25 14:16	10/10/25 16:49	1
Perfluorohexanesulfonic acid (PFHxS)	0.19	U	0.19	0.097	ug/Kg	☼	10/09/25 14:16	10/10/25 16:49	1
Perfluoroheptanesulfonic acid (PFHpS)	0.19	U	0.19	0.097	ug/Kg	☼	10/09/25 14:16	10/10/25 16:49	1
Perfluorooctanesulfonic acid (PFOS)	0.19	U	0.19	0.097	ug/Kg	☼	10/09/25 14:16	10/10/25 16:49	1
Perfluorononanesulfonic acid (PFNS)	0.19	U	0.19	0.097	ug/Kg	☼	10/09/25 14:16	10/10/25 16:49	1

Client Sample ID: 44A_4-8
Date Collected: 10/07/25 08:05
Date Received: 10/07/25 17:15

Lab Sample ID: 460-336648-2
Matrix: Solid
Percent Solids: 96.3

Method: EPA 1633A - Per- and Polyfluoroalkyl Substances by LC/MS/MS, 1633A (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Perfluorodecanesulfonic acid (PFDS)	0.19	U	0.19	0.097	ug/Kg	☼	10/09/25 14:16	10/10/25 16:49	1
Perfluorododecanesulfonic acid (PFDoS)	0.19	U	0.19	0.097	ug/Kg	☼	10/09/25 14:16	10/10/25 16:49	1
1H,1H,2H,2H-Perfluorohexane sulfonic acid (4:2 FTS)	0.39	U	0.39	0.19	ug/Kg	☼	10/09/25 14:16	10/10/25 16:49	1
1H,1H,2H,2H-Perfluorooctane sulfonic acid (6:2 FTS)	0.39	U	0.39	0.19	ug/Kg	☼	10/09/25 14:16	10/10/25 16:49	1
1H,1H,2H,2H-Perfluorodecane sulfonic acid (8:2 FTS)	0.39	U	0.39	0.19	ug/Kg	☼	10/09/25 14:16	10/10/25 16:49	1
Perfluorooctanesulfonamide (PFOSA)	0.19	U	0.19	0.097	ug/Kg	☼	10/09/25 14:16	10/10/25 16:49	1
N-methylperfluorooctane sulfonamide (NMeFOSA)	0.19	U	0.19	0.097	ug/Kg	☼	10/09/25 14:16	10/10/25 16:49	1
N-ethylperfluorooctane sulfonamide (NEtFOSA)	0.19	U	0.19	0.097	ug/Kg	☼	10/09/25 14:16	10/10/25 16:49	1
N-methylperfluorooctanesulfonamidoacetic acid (NMeFOSAA)	0.19	U	0.19	0.097	ug/Kg	☼	10/09/25 14:16	10/10/25 16:49	1
N-ethylperfluorooctanesulfonamidoacetic acid (NEtFOSAA)	0.19	U	0.19	0.097	ug/Kg	☼	10/09/25 14:16	10/10/25 16:49	1
N-methylperfluorooctane sulfonamidoethanol (NMeFOSE)	0.97	U	0.97	0.48	ug/Kg	☼	10/09/25 14:16	10/10/25 16:49	1
N-ethylperfluorooctane sulfonamidoethanol (NEtFOSE)	0.97	U	0.97	0.48	ug/Kg	☼	10/09/25 14:16	10/10/25 16:49	1
Hexafluoropropylene Oxide Dimer Acid (HFPO-DA)	0.19	U	0.19	0.097	ug/Kg	☼	10/09/25 14:16	10/10/25 16:49	1
4,8-Dioxa-3H-perfluorononanoic acid (ADONA)	0.19	U	0.19	0.097	ug/Kg	☼	10/09/25 14:16	10/10/25 16:49	1
Perfluoro-3-methoxypropanoic acid (PFMPA)	0.19	U	0.19	0.097	ug/Kg	☼	10/09/25 14:16	10/10/25 16:49	1
Perfluoro-4-methoxybutanoic acid (PFMBA)	0.19	U	0.19	0.097	ug/Kg	☼	10/09/25 14:16	10/10/25 16:49	1
Nonafluoro-3,6-dioxaheptanoic acid (NFDHA)	0.19	U	0.19	0.097	ug/Kg	☼	10/09/25 14:16	10/10/25 16:49	1
9-Chlorohexadecafluoro-3-oxanonane-1-sulfonic acid (9Cl-PF3ONS)	0.19	U	0.19	0.097	ug/Kg	☼	10/09/25 14:16	10/10/25 16:49	1
11-Chloroeicosafluoro-3-oxaundecane-1-sulfonic acid (11Cl-PF3OUdS)	0.19	U	0.19	0.097	ug/Kg	☼	10/09/25 14:16	10/10/25 16:49	1
Perfluoro (2-ethoxyethane) sulfonic acid (PFEESA)	0.19	U	0.19	0.097	ug/Kg	☼	10/09/25 14:16	10/10/25 16:49	1
3-Perfluoropropylpropanoic acid (3:3 FTCA)	0.39	U	0.39	0.19	ug/Kg	☼	10/09/25 14:16	10/10/25 16:49	1
3-Perfluoropentylpropanoic acid (5:3 FTCA)	0.97	U	0.97	0.48	ug/Kg	☼	10/09/25 14:16	10/10/25 16:49	1
3-Perfluoroheptylpropanoic acid (7:3 FTCA)	0.97	U	0.97	0.48	ug/Kg	☼	10/09/25 14:16	10/10/25 16:49	1

Isotope Dilution	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
13C4 PFBA	*87.5*		*8 - 130*	*10/09/25 14:16*	*10/10/25 16:49*	*1*
13C5 PFPeA	*94.5*		*35 - 130*	*10/09/25 14:16*	*10/10/25 16:49*	*1*
13C5 PFHxA	*88.8*		*40 - 130*	*10/09/25 14:16*	*10/10/25 16:49*	*1*
13C4 PFHpA	*101*		*40 - 130*	*10/09/25 14:16*	*10/10/25 16:49*	*1*
13C8 PFOA	*89.4*		*40 - 130*	*10/09/25 14:16*	*10/10/25 16:49*	*1*
13C9 PFNA	*84.8*		*40 - 130*	*10/09/25 14:16*	*10/10/25 16:49*	*1*
13C6 PFDA	*76.1*		*40 - 130*	*10/09/25 14:16*	*10/10/25 16:49*	*1*
13C7 PFUnA	*65.4*		*40 - 130*	*10/09/25 14:16*	*10/10/25 16:49*	*1*
13C2 PFTeDA	*52.6*		*20 - 130*	*10/09/25 14:16*	*10/10/25 16:49*	*1*

Client Sample ID: 44A_4-8
Date Collected: 10/07/25 08:05
Date Received: 10/07/25 17:15

Lab Sample ID: 460-336648-2
Matrix: Solid
Percent Solids: 96.3

Method: EPA 1633A - Per- and Polyfluoroalkyl Substances by LC/MS/MS, 1633A (Continued)

Isotope Dilution	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
13C3 PFBS	85.2		40 - 135	10/09/25 14:16	10/10/25 16:49	1
13C3 PFHxS	86.0		40 - 130	10/09/25 14:16	10/10/25 16:49	1
13C8 PFOS	74.7		40 - 130	10/09/25 14:16	10/10/25 16:49	1
13C8 FOSA	71.4		40 - 130	10/09/25 14:16	10/10/25 16:49	1
d3-NMeFOSAA	53.6		40 - 135	10/09/25 14:16	10/10/25 16:49	1
d5-NEtFOSAA	55.8		40 - 150	10/09/25 14:16	10/10/25 16:49	1
13C2 4:2 FTS	86.4		40 - 165	10/09/25 14:16	10/10/25 16:49	1
13C2 6:2 FTS	85.7		40 - 215	10/09/25 14:16	10/10/25 16:49	1
13C2 8:2 FTS	63.2		40 - 275	10/09/25 14:16	10/10/25 16:49	1
13C3 HFPO-DA	104		40 - 130	10/09/25 14:16	10/10/25 16:49	1
d7-N-MeFOSE-M	36.0		20 - 130	10/09/25 14:16	10/10/25 16:49	1
d9-N-EtFOSE-M	33.6		15 - 130	10/09/25 14:16	10/10/25 16:49	1
d5-NEtPFOSA	57.1		10 - 130	10/09/25 14:16	10/10/25 16:49	1
d3-NMePFOSA	64.4		10 - 130	10/09/25 14:16	10/10/25 16:49	1
13C2 PFDoA	63.7		40 - 130	10/09/25 14:16	10/10/25 16:49	1

Method: SW846 6020B - Metals (ICP/MS)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Aluminum	3960		15.9	4.4	mg/Kg	☼	10/11/25 20:55	10/12/25 15:31	1
Antimony	4.2		0.79	0.12	mg/Kg	☼	10/11/25 20:55	10/12/25 15:31	1
Arsenic	10.6		0.79	0.082	mg/Kg	☼	10/11/25 20:55	10/12/25 15:31	1
Barium	21.3		1.6	0.11	mg/Kg	☼	10/11/25 20:55	10/12/25 15:31	1
Beryllium	4.5		0.32	0.017	mg/Kg	☼	10/11/25 20:55	10/12/25 15:31	1
Cadmium	0.19	J	0.79	0.090	mg/Kg	☼	10/11/25 20:55	10/12/25 15:31	1
Calcium	602		79.3	7.7	mg/Kg	☼	10/11/25 20:55	10/12/25 15:31	1
Chromium	22.7		1.6	0.24	mg/Kg	☼	10/11/25 20:55	10/12/25 15:31	1
Cobalt	5.8		0.79	0.12	mg/Kg	☼	10/11/25 20:55	10/12/25 15:31	1
Copper	65.9		1.6	0.29	mg/Kg	☼	10/11/25 20:55	10/12/25 15:31	1
Iron	19300		47.6	6.1	mg/Kg	☼	10/11/25 20:55	10/12/25 15:31	1
Lead	113		0.48	0.16	mg/Kg	☼	10/11/25 20:55	10/12/25 15:31	1
Magnesium	1060		79.3	8.1	mg/Kg	☼	10/11/25 20:55	10/12/25 15:31	1
Manganese	148		3.2	0.32	mg/Kg	☼	10/11/25 20:55	10/12/25 15:31	1
Nickel	21.8		1.6	0.14	mg/Kg	☼	10/11/25 20:55	10/12/25 15:31	1
Potassium	1170		79.3	12.8	mg/Kg	☼	10/11/25 20:55	10/12/25 15:31	1
Selenium	0.84	J	0.99	0.10	mg/Kg	☼	10/11/25 20:55	10/12/25 15:31	1
Silver	0.45		0.32	0.071	mg/Kg	☼	10/11/25 20:55	10/12/25 15:31	1
Sodium	50.4	J	79.3	36.2	mg/Kg	☼	10/11/25 20:55	10/12/25 15:31	1
Thallium	0.049	J	0.32	0.033	mg/Kg	☼	10/11/25 20:55	10/12/25 15:31	1
Vanadium	27.2		1.6	0.16	mg/Kg	☼	10/11/25 20:55	10/12/25 15:31	1
Zinc	193		6.3	0.86	mg/Kg	☼	10/11/25 20:55	10/12/25 15:31	1

Method: SW846 7471B - Mercury (CVAA)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	0.037		0.017	0.0078	mg/Kg	☼	10/16/25 01:19	10/16/25 07:22	1

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Percent Moisture (EPA Moisture)	3.7		1.0	1.0	%			10/08/25 18:34	1
Percent Solids (EPA Moisture)	96.3		1.0	1.0	%			10/08/25 18:34	1

Client: Haley & Aldrich, Inc.
Project/Site: Former Port Mobil

Job ID: 460-336648-1

Client Sample ID: 44B_0-4
Date Collected: 10/07/25 08:10
Date Received: 10/07/25 17:15

Lab Sample ID: 460-336648-3
Matrix: Solid
Percent Solids: 93.8

Method: SW846 8270E - Semivolatile Organic Compounds (GC/MS)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1'-Biphenyl	0.35	U	0.35	0.012	mg/Kg	☼	10/08/25 20:51	10/09/25 10:06	1
1,2,4,5-Tetrachlorobenzene	0.35	U	0.35	0.011	mg/Kg	☼	10/08/25 20:51	10/09/25 10:06	1
1,4-Dioxane	0.035	U	0.035	0.030	mg/Kg	☼	10/08/25 20:51	10/09/25 10:06	1
2,2'-oxybis[1-chloropropane]	0.35	U	0.35	0.021	mg/Kg	☼	10/08/25 20:51	10/09/25 10:06	1
2,3,4,6-Tetrachlorophenol	0.35	U	0.35	0.024	mg/Kg	☼	10/08/25 20:51	10/09/25 10:06	1
2,4,5-Trichlorophenol	0.35	U	0.35	0.036	mg/Kg	☼	10/08/25 20:51	10/09/25 10:06	1
2,4,6-Trichlorophenol	0.14	U	0.14	0.045	mg/Kg	☼	10/08/25 20:51	10/09/25 10:06	1
2,4-Dichlorophenol	0.14	U	0.14	0.022	mg/Kg	☼	10/08/25 20:51	10/09/25 10:06	1
2,4-Dimethylphenol	0.35	U	0.35	0.042	mg/Kg	☼	10/08/25 20:51	10/09/25 10:06	1
2,4-Dinitrophenol	0.28	U	0.28	0.17	mg/Kg	☼	10/08/25 20:51	10/09/25 10:06	1
2,4-Dinitrotoluene	0.071	U	0.071	0.038	mg/Kg	☼	10/08/25 20:51	10/09/25 10:06	1
2,6-Dinitrotoluene	0.071	U	0.071	0.025	mg/Kg	☼	10/08/25 20:51	10/09/25 10:06	1
2-Chloronaphthalene	0.35	U	0.35	0.045	mg/Kg	☼	10/08/25 20:51	10/09/25 10:06	1
2-Chlorophenol	0.35	U	0.35	0.012	mg/Kg	☼	10/08/25 20:51	10/09/25 10:06	1
2-Methylnaphthalene	0.35	U	0.35	0.0097	mg/Kg	☼	10/08/25 20:51	10/09/25 10:06	1
2-Methylphenol	0.35	U	0.35	0.013	mg/Kg	☼	10/08/25 20:51	10/09/25 10:06	1
2-Nitroaniline	0.35	U	0.35	0.027	mg/Kg	☼	10/08/25 20:51	10/09/25 10:06	1
2-Nitrophenol	0.35	U	0.35	0.035	mg/Kg	☼	10/08/25 20:51	10/09/25 10:06	1
3 & 4 Methylphenol	0.35	U	0.35	0.022	mg/Kg	☼	10/08/25 20:51	10/09/25 10:06	1
3,3'-Dichlorobenzidine	0.14	U	0.14	0.053	mg/Kg	☼	10/08/25 20:51	10/09/25 10:06	1
3-Nitroaniline	0.35	U	0.35	0.083	mg/Kg	☼	10/08/25 20:51	10/09/25 10:06	1
4,6-Dinitro-2-methylphenol	0.28	U	0.28	0.14	mg/Kg	☼	10/08/25 20:51	10/09/25 10:06	1
4-Bromophenyl phenyl ether	0.35	U	0.35	0.014	mg/Kg	☼	10/08/25 20:51	10/09/25 10:06	1
4-Chloro-3-methylphenol	0.35	U	0.35	0.020	mg/Kg	☼	10/08/25 20:51	10/09/25 10:06	1
4-Chloroaniline	0.35	U	0.35	0.062	mg/Kg	☼	10/08/25 20:51	10/09/25 10:06	1
4-Chlorophenyl phenyl ether	0.35	U	0.35	0.012	mg/Kg	☼	10/08/25 20:51	10/09/25 10:06	1
4-Methylphenol	0.35	U	0.35	0.022	mg/Kg	☼	10/08/25 20:51	10/09/25 10:06	1
4-Nitroaniline	0.35	U	0.35	0.088	mg/Kg	☼	10/08/25 20:51	10/09/25 10:06	1
4-Nitrophenol	0.71	U	0.71	0.057	mg/Kg	☼	10/08/25 20:51	10/09/25 10:06	1
Acenaphthene	0.35	U	0.35	0.0099	mg/Kg	☼	10/08/25 20:51	10/09/25 10:06	1
Acenaphthylene	0.35	U	0.35	0.010	mg/Kg	☼	10/08/25 20:51	10/09/25 10:06	1
Acetophenone	0.35	U	0.35	0.017	mg/Kg	☼	10/08/25 20:51	10/09/25 10:06	1
Anthracene	0.35	U	0.35	0.011	mg/Kg	☼	10/08/25 20:51	10/09/25 10:06	1
Atrazine	0.14	U	0.14	0.021	mg/Kg	☼	10/08/25 20:51	10/09/25 10:06	1
Benzaldehyde	0.35	U	0.35	0.058	mg/Kg	☼	10/08/25 20:51	10/09/25 10:06	1
Benzo[a]anthracene	0.035	U	0.035	0.026	mg/Kg	☼	10/08/25 20:51	10/09/25 10:06	1
Benzo[a]pyrene	0.035	U	0.035	0.0093	mg/Kg	☼	10/08/25 20:51	10/09/25 10:06	1
Benzo[b]fluoranthene	0.035	U	0.035	0.0090	mg/Kg	☼	10/08/25 20:51	10/09/25 10:06	1
Benzo[g,h,i]perylene	0.35	U	0.35	0.010	mg/Kg	☼	10/08/25 20:51	10/09/25 10:06	1
Benzo[k]fluoranthene	0.035	U	0.035	0.0068	mg/Kg	☼	10/08/25 20:51	10/09/25 10:06	1
Bis(2-chloroethoxy)methane	0.35	U	0.35	0.064	mg/Kg	☼	10/08/25 20:51	10/09/25 10:06	1
Bis(2-chloroethyl)ether	0.035	U	0.035	0.012	mg/Kg	☼	10/08/25 20:51	10/09/25 10:06	1
Bis(2-ethylhexyl) phthalate	0.35	U	0.35	0.018	mg/Kg	☼	10/08/25 20:51	10/09/25 10:06	1
Butyl benzyl phthalate	0.35	U	0.35	0.016	mg/Kg	☼	10/08/25 20:51	10/09/25 10:06	1
Caprolactam	0.35	U	0.35	0.054	mg/Kg	☼	10/08/25 20:51	10/09/25 10:06	1
Carbazole	0.35	U	0.35	0.013	mg/Kg	☼	10/08/25 20:51	10/09/25 10:06	1
Chrysene	0.35	U	0.35	0.015	mg/Kg	☼	10/08/25 20:51	10/09/25 10:06	1
Dibenz(a,h)anthracene	0.035	U	0.035	0.015	mg/Kg	☼	10/08/25 20:51	10/09/25 10:06	1
Dibenzofuran	0.35	U	0.35	0.012	mg/Kg	☼	10/08/25 20:51	10/09/25 10:06	1

Client Sample ID: 44B_0-4
Date Collected: 10/07/25 08:10
Date Received: 10/07/25 17:15

Lab Sample ID: 460-336648-3
Matrix: Solid
Percent Solids: 93.8

Method: SW846 8270E - Semivolatile Organic Compounds (GC/MS) (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Diethyl phthalate	0.35	U	0.35	0.011	mg/Kg	☼	10/08/25 20:51	10/09/25 10:06	1
Dimethyl phthalate	0.35	U	0.35	0.079	mg/Kg	☼	10/08/25 20:51	10/09/25 10:06	1
Di-n-butyl phthalate	0.35	U	0.35	0.013	mg/Kg	☼	10/08/25 20:51	10/09/25 10:06	1
Di-n-octyl phthalate	0.35	U	0.35	0.018	mg/Kg	☼	10/08/25 20:51	10/09/25 10:06	1
Fluoranthene	0.35	U	0.35	0.012	mg/Kg	☼	10/08/25 20:51	10/09/25 10:06	1
Fluorene	0.35	U	0.35	0.010	mg/Kg	☼	10/08/25 20:51	10/09/25 10:06	1
Hexachlorobenzene	0.035	U	0.035	0.017	mg/Kg	☼	10/08/25 20:51	10/09/25 10:06	1
Hexachlorobutadiene	0.071	U	0.071	0.0074	mg/Kg	☼	10/08/25 20:51	10/09/25 10:06	1
Hexachlorocyclopentadiene	0.35	U	0.35	0.031	mg/Kg	☼	10/08/25 20:51	10/09/25 10:06	1
Hexachloroethane	0.035	U	0.035	0.012	mg/Kg	☼	10/08/25 20:51	10/09/25 10:06	1
Indeno[1,2,3-cd]pyrene	0.035	U	0.035	0.014	mg/Kg	☼	10/08/25 20:51	10/09/25 10:06	1
Isophorone	0.14	U	0.14	0.10	mg/Kg	☼	10/08/25 20:51	10/09/25 10:06	1
Naphthalene	0.35	U	0.35	0.0060	mg/Kg	☼	10/08/25 20:51	10/09/25 10:06	1
Nitrobenzene	0.035	U	0.035	0.019	mg/Kg	☼	10/08/25 20:51	10/09/25 10:06	1
N-Nitrosodi-n-propylamine	0.035	U	0.035	0.025	mg/Kg	☼	10/08/25 20:51	10/09/25 10:06	1
N-Nitrosodiphenylamine	0.35	U	0.35	0.029	mg/Kg	☼	10/08/25 20:51	10/09/25 10:06	1
Pentachlorophenol	0.28	U	0.28	0.071	mg/Kg	☼	10/08/25 20:51	10/09/25 10:06	1
Phenanthrene	0.35	U	0.35	0.014	mg/Kg	☼	10/08/25 20:51	10/09/25 10:06	1
Phenol	0.35	U	0.35	0.013	mg/Kg	☼	10/08/25 20:51	10/09/25 10:06	1
Pyrene	0.35	U	0.35	0.0087	mg/Kg	☼	10/08/25 20:51	10/09/25 10:06	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
2,4,6-Tribromophenol (Surr)	*72*		*18 - 137*	*10/08/25 20:51*	*10/09/25 10:06*	*1*
2-Fluorobiphenyl	*69*		*33 - 117*	*10/08/25 20:51*	*10/09/25 10:06*	*1*
2-Fluorophenol (Surr)	*77*		*24 - 120*	*10/08/25 20:51*	*10/09/25 10:06*	*1*
Nitrobenzene-d5 (Surr)	*72*		*27 - 120*	*10/08/25 20:51*	*10/09/25 10:06*	*1*
Phenol-d5 (Surr)	*72*		*28 - 118*	*10/08/25 20:51*	*10/09/25 10:06*	*1*
Terphenyl-d14 (Surr)	*71*		*33 - 124*	*10/08/25 20:51*	*10/09/25 10:06*	*1*

Method: SW846 8081B - Organochlorine Pesticides (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
4,4'-DDD	0.0071	U	0.0071	0.0012	mg/Kg	☼	10/08/25 16:51	10/09/25 16:04	1
4,4'-DDE	0.0071	U	0.0071	0.00084	mg/Kg	☼	10/08/25 16:51	10/09/25 16:04	1
4,4'-DDT	0.0071	U	0.0071	0.0013	mg/Kg	☼	10/08/25 16:51	10/09/25 16:04	1
Aldrin	0.0071	U	0.0071	0.0011	mg/Kg	☼	10/08/25 16:51	10/09/25 16:04	1
alpha-BHC	0.0021	U	0.0021	0.00072	mg/Kg	☼	10/08/25 16:51	10/09/25 16:04	1
beta-BHC	0.0021	U	0.0021	0.00080	mg/Kg	☼	10/08/25 16:51	10/09/25 16:04	1
Chlordane (technical)	0.071	U	0.071	0.017	mg/Kg	☼	10/08/25 16:51	10/09/25 16:04	1
cis-Chlordane	0.0071	U	0.0071	0.0011	mg/Kg	☼	10/08/25 16:51	10/09/25 16:04	1
delta-BHC	0.0021	U	0.0021	0.00044	mg/Kg	☼	10/08/25 16:51	10/09/25 16:04	1
Dieldrin	0.0021	U	0.0021	0.00093	mg/Kg	☼	10/08/25 16:51	10/09/25 16:04	1
Endosulfan I	0.0071	U	0.0071	0.0011	mg/Kg	☼	10/08/25 16:51	10/09/25 16:04	1
Endosulfan II	0.0071	U	0.0071	0.0018	mg/Kg	☼	10/08/25 16:51	10/09/25 16:04	1
Endosulfan sulfate	0.0071	U	0.0071	0.00090	mg/Kg	☼	10/08/25 16:51	10/09/25 16:04	1
Endrin	0.0071	U	0.0071	0.0010	mg/Kg	☼	10/08/25 16:51	10/09/25 16:04	1
Endrin aldehyde	0.0071	U	0.0071	0.0017	mg/Kg	☼	10/08/25 16:51	10/09/25 16:04	1
Endrin ketone	0.0071	U	0.0071	0.0014	mg/Kg	☼	10/08/25 16:51	10/09/25 16:04	1
gamma-BHC (Lindane)	0.0021	U	0.0021	0.00066	mg/Kg	☼	10/08/25 16:51	10/09/25 16:04	1
Heptachlor	0.0071	U	0.0071	0.00084	mg/Kg	☼	10/08/25 16:51	10/09/25 16:04	1
Heptachlor epoxide	0.0071	U	0.0071	0.0011	mg/Kg	☼	10/08/25 16:51	10/09/25 16:04	1

Client Sample ID: 44B_0-4
Date Collected: 10/07/25 08:10
Date Received: 10/07/25 17:15

Lab Sample ID: 460-336648-3
Matrix: Solid
Percent Solids: 93.8

Method: SW846 8081B - Organochlorine Pesticides (GC) (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Methoxychlor	0.0071	U	0.0071	0.0016	mg/Kg	☼	10/08/25 16:51	10/09/25 16:04	1
Toxaphene	0.071	U	0.071	0.026	mg/Kg	☼	10/08/25 16:51	10/09/25 16:04	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
DCB Decachlorobiphenyl	*78*		*10 - 150*	*10/08/25 16:51*	*10/09/25 16:04*	*1*
DCB Decachlorobiphenyl	*99*		*10 - 150*	*10/08/25 16:51*	*10/09/25 16:04*	*1*
Tetrachloro-m-xylene	*78*		*14 - 150*	*10/08/25 16:51*	*10/09/25 16:04*	*1*
Tetrachloro-m-xylene	*81*		*14 - 150*	*10/08/25 16:51*	*10/09/25 16:04*	*1*

Method: SW846 8082A - Polychlorinated Biphenyls (PCBs) by Gas Chromatography

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Aroclor 1016	0.071	U	0.071	0.019	mg/Kg	☼	10/08/25 16:43	10/09/25 15:27	1
Aroclor 1221	0.071	U	0.071	0.019	mg/Kg	☼	10/08/25 16:43	10/09/25 15:27	1
Aroclor 1232	0.071	U	0.071	0.019	mg/Kg	☼	10/08/25 16:43	10/09/25 15:27	1
Aroclor 1242	0.071	U	0.071	0.019	mg/Kg	☼	10/08/25 16:43	10/09/25 15:27	1
Aroclor 1248	0.071	U	0.071	0.019	mg/Kg	☼	10/08/25 16:43	10/09/25 15:27	1
Aroclor 1254	0.071	U	0.071	0.019	mg/Kg	☼	10/08/25 16:43	10/09/25 15:27	1
Aroclor 1260	0.071	U	0.071	0.019	mg/Kg	☼	10/08/25 16:43	10/09/25 15:27	1
Aroclor-1262	0.071	U	0.071	0.019	mg/Kg	☼	10/08/25 16:43	10/09/25 15:27	1
Aroclor 1268	0.071	U	0.071	0.019	mg/Kg	☼	10/08/25 16:43	10/09/25 15:27	1
Polychlorinated biphenyls, Total	0.071	U	0.071	0.019	mg/Kg	☼	10/08/25 16:43	10/09/25 15:27	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
DCB Decachlorobiphenyl	*98*		*10 - 150*	*10/08/25 16:43*	*10/09/25 15:27*	*1*
DCB Decachlorobiphenyl	*118*		*10 - 150*	*10/08/25 16:43*	*10/09/25 15:27*	*1*
Tetrachloro-m-xylene	*100*		*10 - 150*	*10/08/25 16:43*	*10/09/25 15:27*	*1*
Tetrachloro-m-xylene	*100*		*10 - 150*	*10/08/25 16:43*	*10/09/25 15:27*	*1*

Method: EPA 1633A - Per- and Polyfluoroalkyl Substances by LC/MS/MS, 1633A

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Perfluorobutanoic acid (PFBA)	0.39	U	0.39	0.098	ug/Kg	☼	10/09/25 14:16	10/10/25 17:02	1
Perfluoropentanoic acid (PFPeA)	0.20	U	0.20	0.098	ug/Kg	☼	10/09/25 14:16	10/10/25 17:02	1
Perfluorohexanoic acid (PFHxA)	0.20	U	0.20	0.098	ug/Kg	☼	10/09/25 14:16	10/10/25 17:02	1
Perfluoroheptanoic acid (PFHpA)	0.20	U	0.20	0.098	ug/Kg	☼	10/09/25 14:16	10/10/25 17:02	1
Perfluorooctanoic acid (PFOA)	**0.080**	**J**	0.20	0.059	ug/Kg	☼	10/09/25 14:16	10/10/25 17:02	1
Perfluorononanoic acid (PFNA)	**0.29**		0.20	0.098	ug/Kg	☼	10/09/25 14:16	10/10/25 17:02	1
Perfluorodecanoic acid (PFDA)	**0.63**		0.20	0.059	ug/Kg	☼	10/09/25 14:16	10/10/25 17:02	1
Perfluoroundecanoic acid (PFUnA)	**3.21**		0.20	0.098	ug/Kg	☼	10/09/25 14:16	10/10/25 17:02	1
Perfluorododecanoic acid (PFDoA)	**0.48**		0.20	0.098	ug/Kg	☼	10/09/25 14:16	10/10/25 17:02	1
Perfluorotridecanoic acid (PFTrDA)	**3.20**		0.20	0.098	ug/Kg	☼	10/09/25 14:16	10/10/25 17:02	1
Perfluorotetradecanoic acid (PFTeDA)	**0.15**	**J**	0.20	0.098	ug/Kg	☼	10/09/25 14:16	10/10/25 17:02	1
Perfluorobutanesulfonic acid (PFBS)	0.20	U	0.20	0.098	ug/Kg	☼	10/09/25 14:16	10/10/25 17:02	1
Perfluoropentanesulfonic acid (PFPeS)	0.20	U	0.20	0.098	ug/Kg	☼	10/09/25 14:16	10/10/25 17:02	1
Perfluorohexanesulfonic acid (PFHxS)	0.20	U	0.20	0.098	ug/Kg	☼	10/09/25 14:16	10/10/25 17:02	1
Perfluoroheptanesulfonic acid (PFHpS)	0.20	U	0.20	0.098	ug/Kg	☼	10/09/25 14:16	10/10/25 17:02	1
Perfluorooctanesulfonic acid (PFOS)	0.20	U	0.20	0.098	ug/Kg	☼	10/09/25 14:16	10/10/25 17:02	1

Client Sample ID: 44B_0-4
Date Collected: 10/07/25 08:10
Date Received: 10/07/25 17:15

Lab Sample ID: 460-336648-3
Matrix: Solid
Percent Solids: 93.8

Method: EPA 1633A - Per- and Polyfluoroalkyl Substances by LC/MS/MS, 1633A (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Perfluorononanesulfonic acid (PFNS)	0.20	U	0.20	0.098	ug/Kg	☼	10/09/25 14:16	10/10/25 17:02	1
Perfluorodecanesulfonic acid (PFDS)	0.20	U	0.20	0.098	ug/Kg	☼	10/09/25 14:16	10/10/25 17:02	1
Perfluorododecanesulfonic acid (PFDoS)	0.20	U	0.20	0.098	ug/Kg	☼	10/09/25 14:16	10/10/25 17:02	1
1H,1H,2H,2H-Perfluorohexane sulfonic acid (4:2 FTS)	0.39	U	0.39	0.20	ug/Kg	☼	10/09/25 14:16	10/10/25 17:02	1
1H,1H,2H,2H-Perfluorooctane sulfonic acid (6:2 FTS)	0.39	U	0.39	0.20	ug/Kg	☼	10/09/25 14:16	10/10/25 17:02	1
1H,1H,2H,2H-Perfluorodecane sulfonic acid (8:2 FTS)	**0.49**		0.39	0.20	ug/Kg	☼	10/09/25 14:16	10/10/25 17:02	1
Perfluorooctanesulfonamide (PFOSA)	0.20	U	0.20	0.098	ug/Kg	☼	10/09/25 14:16	10/10/25 17:02	1
N-methylperfluorooctane sulfonamide (NMeFOSA)	0.20	U	0.20	0.098	ug/Kg	☼	10/09/25 14:16	10/10/25 17:02	1
N-ethylperfluorooctane sulfonamide (NEtFOSA)	0.20	U	0.20	0.098	ug/Kg	☼	10/09/25 14:16	10/10/25 17:02	1
N-methylperfluorooctanesulfonamidoacetic acid (NMeFOSAA)	0.20	U	0.20	0.098	ug/Kg	☼	10/09/25 14:16	10/10/25 17:02	1
N-ethylperfluorooctanesulfonamidoacetic acid (NEtFOSAA)	0.20	U	0.20	0.098	ug/Kg	☼	10/09/25 14:16	10/10/25 17:02	1
N-methylperfluorooctane sulfonamidoethanol (NMeFOSE)	0.98	U	0.98	0.49	ug/Kg	☼	10/09/25 14:16	10/10/25 17:02	1
N-ethylperfluorooctane sulfonamidoethanol (NEtFOSE)	0.98	U	0.98	0.49	ug/Kg	☼	10/09/25 14:16	10/10/25 17:02	1
Hexafluoropropylene Oxide Dimer Acid (HFPO-DA)	0.20	U	0.20	0.098	ug/Kg	☼	10/09/25 14:16	10/10/25 17:02	1
4,8-Dioxa-3H-perfluorononanoic acid (ADONA)	0.20	U	0.20	0.098	ug/Kg	☼	10/09/25 14:16	10/10/25 17:02	1
Perfluoro-3-methoxypropanoic acid (PFMPA)	0.20	U	0.20	0.098	ug/Kg	☼	10/09/25 14:16	10/10/25 17:02	1
Perfluoro-4-methoxybutanoic acid (PFMBA)	0.20	U	0.20	0.098	ug/Kg	☼	10/09/25 14:16	10/10/25 17:02	1
Nonafluoro-3,6-dioxaheptanoic acid (NFDHA)	0.20	U	0.20	0.098	ug/Kg	☼	10/09/25 14:16	10/10/25 17:02	1
9-Chlorohexadecafluoro-3-oxanonane-1-sulfonic acid (9Cl-PF3ONS)	0.20	U	0.20	0.098	ug/Kg	☼	10/09/25 14:16	10/10/25 17:02	1
11-Chloroeicosafluoro-3-oxaundecane-1-sulfonic acid (11Cl-PF3OUdS)	0.20	U	0.20	0.098	ug/Kg	☼	10/09/25 14:16	10/10/25 17:02	1
Perfluoro (2-ethoxyethane) sulfonic acid (PFEESA)	0.20	U	0.20	0.098	ug/Kg	☼	10/09/25 14:16	10/10/25 17:02	1
3-Perfluoropropylpropanoic acid (3:3 FTCA)	0.39	U	0.39	0.20	ug/Kg	☼	10/09/25 14:16	10/10/25 17:02	1
3-Perfluoropentylpropanoic acid (5:3 FTCA)	0.98	U	0.98	0.49	ug/Kg	☼	10/09/25 14:16	10/10/25 17:02	1
3-Perfluoroheptylpropanoic acid (7:3 FTCA)	0.98	U	0.98	0.49	ug/Kg	☼	10/09/25 14:16	10/10/25 17:02	1

Isotope Dilution	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
13C4 PFBA	*87.3*		*8 - 130*	*10/09/25 14:16*	*10/10/25 17:02*	*1*
13C5 PFPeA	*94.8*		*35 - 130*	*10/09/25 14:16*	*10/10/25 17:02*	*1*
13C5 PFHxA	*88.8*		*40 - 130*	*10/09/25 14:16*	*10/10/25 17:02*	*1*
13C4 PFHpA	*94.1*		*40 - 130*	*10/09/25 14:16*	*10/10/25 17:02*	*1*
13C8 PFOA	*80.7*		*40 - 130*	*10/09/25 14:16*	*10/10/25 17:02*	*1*
13C9 PFNA	*74.4*		*40 - 130*	*10/09/25 14:16*	*10/10/25 17:02*	*1*
13C6 PFDA	*74.4*		*40 - 130*	*10/09/25 14:16*	*10/10/25 17:02*	*1*
13C7 PFUnA	*66.9*		*40 - 130*	*10/09/25 14:16*	*10/10/25 17:02*	*1*

Client Sample ID: 44B_0-4
Date Collected: 10/07/25 08:10
Date Received: 10/07/25 17:15

Lab Sample ID: 460-336648-3
Matrix: Solid
Percent Solids: 93.8

Method: EPA 1633A - Per- and Polyfluoroalkyl Substances by LC/MS/MS, 1633A (Continued)

Isotope Dilution	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
13C2 PFTeDA	53.1		20 - 130	10/09/25 14:16	10/10/25 17:02	1
13C3 PFBS	85.3		40 - 135	10/09/25 14:16	10/10/25 17:02	1
13C3 PFHxS	79.6		40 - 130	10/09/25 14:16	10/10/25 17:02	1
13C8 PFOS	72.9		40 - 130	10/09/25 14:16	10/10/25 17:02	1
13C8 FOSA	65.7		40 - 130	10/09/25 14:16	10/10/25 17:02	1
d3-NMeFOSAA	52.9		40 - 135	10/09/25 14:16	10/10/25 17:02	1
d5-NEtFOSAA	57.2		40 - 150	10/09/25 14:16	10/10/25 17:02	1
13C2 4:2 FTS	85.2		40 - 165	10/09/25 14:16	10/10/25 17:02	1
13C2 6:2 FTS	77.8		40 - 215	10/09/25 14:16	10/10/25 17:02	1
13C2 8:2 FTS	62.3		40 - 275	10/09/25 14:16	10/10/25 17:02	1
13C3 HFPO-DA	100		40 - 130	10/09/25 14:16	10/10/25 17:02	1
d7-N-MeFOSE-M	38.6		20 - 130	10/09/25 14:16	10/10/25 17:02	1
d9-N-EtFOSE-M	36.3		15 - 130	10/09/25 14:16	10/10/25 17:02	1
d5-NEtPFOSA	53.3		10 - 130	10/09/25 14:16	10/10/25 17:02	1
d3-NMePFOSA	60.3		10 - 130	10/09/25 14:16	10/10/25 17:02	1
13C2 PFDoA	66.6		40 - 130	10/09/25 14:16	10/10/25 17:02	1

Method: SW846 6020B - Metals (ICP/MS)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Aluminum	7990		15.9	4.4	mg/Kg	☼	10/11/25 20:55	10/12/25 15:34	1
Antimony	2.0		0.80	0.12	mg/Kg	☼	10/11/25 20:55	10/12/25 15:34	1
Arsenic	7.6		0.80	0.082	mg/Kg	☼	10/11/25 20:55	10/12/25 15:34	1
Barium	50.7		1.6	0.12	mg/Kg	☼	10/11/25 20:55	10/12/25 15:34	1
Beryllium	2.1		0.32	0.018	mg/Kg	☼	10/11/25 20:55	10/12/25 15:34	1
Cadmium	0.20	J	0.80	0.090	mg/Kg	☼	10/11/25 20:55	10/12/25 15:34	1
Calcium	1340		79.6	7.7	mg/Kg	☼	10/11/25 20:55	10/12/25 15:34	1
Chromium	26.0		1.6	0.24	mg/Kg	☼	10/11/25 20:55	10/12/25 15:34	1
Cobalt	8.7		0.80	0.12	mg/Kg	☼	10/11/25 20:55	10/12/25 15:34	1
Copper	78.3		1.6	0.29	mg/Kg	☼	10/11/25 20:55	10/12/25 15:34	1
Iron	21800		47.7	6.1	mg/Kg	☼	10/11/25 20:55	10/12/25 15:34	1
Lead	133		0.48	0.16	mg/Kg	☼	10/11/25 20:55	10/12/25 15:34	1
Magnesium	2490		79.6	8.1	mg/Kg	☼	10/11/25 20:55	10/12/25 15:34	1
Manganese	249		3.2	0.32	mg/Kg	☼	10/11/25 20:55	10/12/25 15:34	1
Nickel	44.9		1.6	0.14	mg/Kg	☼	10/11/25 20:55	10/12/25 15:34	1
Potassium	1420		79.6	12.9	mg/Kg	☼	10/11/25 20:55	10/12/25 15:34	1
Selenium	0.41	J	0.99	0.10	mg/Kg	☼	10/11/25 20:55	10/12/25 15:34	1
Silver	0.23	J	0.32	0.071	mg/Kg	☼	10/11/25 20:55	10/12/25 15:34	1
Sodium	88.3		79.6	36.4	mg/Kg	☼	10/11/25 20:55	10/12/25 15:34	1
Thallium	0.097	J	0.32	0.033	mg/Kg	☼	10/11/25 20:55	10/12/25 15:34	1
Vanadium	27.8		1.6	0.16	mg/Kg	☼	10/11/25 20:55	10/12/25 15:34	1
Zinc	315		6.4	0.87	mg/Kg	☼	10/11/25 20:55	10/12/25 15:34	1

Method: SW846 7471B - Mercury (CVAA)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	0.027		0.018	0.0084	mg/Kg	☼	10/16/25 01:19	10/16/25 07:25	1

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Percent Moisture (EPA Moisture)	6.2		1.0	1.0	%			10/08/25 18:34	1
Percent Solids (EPA Moisture)	93.8		1.0	1.0	%			10/08/25 18:34	1

Client Sample ID: 44B_4-8
Date Collected: 10/07/25 08:15
Date Received: 10/07/25 17:15

Lab Sample ID: 460-336648-4
Matrix: Solid
Percent Solids: 94.7

Method: SW846 8270E - Semivolatile Organic Compounds (GC/MS)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1'-Biphenyl	0.34	U	0.34	0.012	mg/Kg	☼	10/08/25 20:51	10/09/25 10:23	1
1,2,4,5-Tetrachlorobenzene	0.34	U	0.34	0.011	mg/Kg	☼	10/08/25 20:51	10/09/25 10:23	1
1,4-Dioxane	0.034	U	0.034	0.030	mg/Kg	☼	10/08/25 20:51	10/09/25 10:23	1
2,2'-oxybis[1-chloropropane]	0.34	U	0.34	0.021	mg/Kg	☼	10/08/25 20:51	10/09/25 10:23	1
2,3,4,6-Tetrachlorophenol	0.34	U	0.34	0.023	mg/Kg	☼	10/08/25 20:51	10/09/25 10:23	1
2,4,5-Trichlorophenol	0.34	U	0.34	0.035	mg/Kg	☼	10/08/25 20:51	10/09/25 10:23	1
2,4,6-Trichlorophenol	0.14	U	0.14	0.044	mg/Kg	☼	10/08/25 20:51	10/09/25 10:23	1
2,4-Dichlorophenol	0.14	U	0.14	0.022	mg/Kg	☼	10/08/25 20:51	10/09/25 10:23	1
2,4-Dimethylphenol	0.34	U	0.34	0.041	mg/Kg	☼	10/08/25 20:51	10/09/25 10:23	1
2,4-Dinitrophenol	0.28	U	0.28	0.17	mg/Kg	☼	10/08/25 20:51	10/09/25 10:23	1
2,4-Dinitrotoluene	0.070	U	0.070	0.037	mg/Kg	☼	10/08/25 20:51	10/09/25 10:23	1
2,6-Dinitrotoluene	0.070	U	0.070	0.025	mg/Kg	☼	10/08/25 20:51	10/09/25 10:23	1
2-Chloronaphthalene	0.34	U	0.34	0.044	mg/Kg	☼	10/08/25 20:51	10/09/25 10:23	1
2-Chlorophenol	0.34	U	0.34	0.012	mg/Kg	☼	10/08/25 20:51	10/09/25 10:23	1
2-Methylnaphthalene	0.34	U	0.34	0.0097	mg/Kg	☼	10/08/25 20:51	10/09/25 10:23	1
2-Methylphenol	0.34	U	0.34	0.013	mg/Kg	☼	10/08/25 20:51	10/09/25 10:23	1
2-Nitroaniline	0.34	U	0.34	0.026	mg/Kg	☼	10/08/25 20:51	10/09/25 10:23	1
2-Nitrophenol	0.34	U	0.34	0.035	mg/Kg	☼	10/08/25 20:51	10/09/25 10:23	1
3 & 4 Methylphenol	0.34	U	0.34	0.022	mg/Kg	☼	10/08/25 20:51	10/09/25 10:23	1
3,3'-Dichlorobenzidine	0.14	U	0.14	0.052	mg/Kg	☼	10/08/25 20:51	10/09/25 10:23	1
3-Nitroaniline	0.34	U	0.34	0.082	mg/Kg	☼	10/08/25 20:51	10/09/25 10:23	1
4,6-Dinitro-2-methylphenol	0.28	U	0.28	0.14	mg/Kg	☼	10/08/25 20:51	10/09/25 10:23	1
4-Bromophenyl phenyl ether	0.34	U	0.34	0.014	mg/Kg	☼	10/08/25 20:51	10/09/25 10:23	1
4-Chloro-3-methylphenol	0.34	U	0.34	0.019	mg/Kg	☼	10/08/25 20:51	10/09/25 10:23	1
4-Chloroaniline	0.34	U	0.34	0.061	mg/Kg	☼	10/08/25 20:51	10/09/25 10:23	1
4-Chlorophenyl phenyl ether	0.34	U	0.34	0.012	mg/Kg	☼	10/08/25 20:51	10/09/25 10:23	1
4-Methylphenol	0.34	U	0.34	0.022	mg/Kg	☼	10/08/25 20:51	10/09/25 10:23	1
4-Nitroaniline	0.34	U	0.34	0.088	mg/Kg	☼	10/08/25 20:51	10/09/25 10:23	1
4-Nitrophenol	0.70	U	0.70	0.056	mg/Kg	☼	10/08/25 20:51	10/09/25 10:23	1
Acenaphthene	0.34	U	0.34	0.0098	mg/Kg	☼	10/08/25 20:51	10/09/25 10:23	1
Acenaphthylene	0.34	U	0.34	0.0099	mg/Kg	☼	10/08/25 20:51	10/09/25 10:23	1
Acetophenone	0.34	U	0.34	0.017	mg/Kg	☼	10/08/25 20:51	10/09/25 10:23	1
Anthracene	0.34	U	0.34	0.011	mg/Kg	☼	10/08/25 20:51	10/09/25 10:23	1
Atrazine	0.14	U	0.14	0.020	mg/Kg	☼	10/08/25 20:51	10/09/25 10:23	1
Benzaldehyde	0.34	U	0.34	0.057	mg/Kg	☼	10/08/25 20:51	10/09/25 10:23	1
Benzo[a]anthracene	0.034	U	0.034	0.026	mg/Kg	☼	10/08/25 20:51	10/09/25 10:23	1
Benzo[a]pyrene	0.034	U	0.034	0.0092	mg/Kg	☼	10/08/25 20:51	10/09/25 10:23	1
Benzo[b]fluoranthene	0.034	U	0.034	0.0089	mg/Kg	☼	10/08/25 20:51	10/09/25 10:23	1
Benzo[g,h,i]perylene	0.34	U	0.34	0.010	mg/Kg	☼	10/08/25 20:51	10/09/25 10:23	1
Benzo[k]fluoranthene	0.034	U	0.034	0.0068	mg/Kg	☼	10/08/25 20:51	10/09/25 10:23	1
Bis(2-chloroethoxy)methane	0.34	U	0.34	0.064	mg/Kg	☼	10/08/25 20:51	10/09/25 10:23	1
Bis(2-chloroethyl)ether	0.034	U	0.034	0.012	mg/Kg	☼	10/08/25 20:51	10/09/25 10:23	1
Bis(2-ethylhexyl) phthalate	0.34	U	0.34	0.018	mg/Kg	☼	10/08/25 20:51	10/09/25 10:23	1
Butyl benzyl phthalate	0.34	U	0.34	0.016	mg/Kg	☼	10/08/25 20:51	10/09/25 10:23	1
Caprolactam	0.34	U	0.34	0.054	mg/Kg	☼	10/08/25 20:51	10/09/25 10:23	1
Carbazole	0.34	U	0.34	0.013	mg/Kg	☼	10/08/25 20:51	10/09/25 10:23	1
Chrysene	0.34	U	0.34	0.015	mg/Kg	☼	10/08/25 20:51	10/09/25 10:23	1
Dibenz(a,h)anthracene	0.034	U	0.034	0.015	mg/Kg	☼	10/08/25 20:51	10/09/25 10:23	1
Dibenzofuran	0.34	U	0.34	0.012	mg/Kg	☼	10/08/25 20:51	10/09/25 10:23	1

Client Sample ID: 44B_4-8
Date Collected: 10/07/25 08:15
Date Received: 10/07/25 17:15

Lab Sample ID: 460-336648-4
Matrix: Solid
Percent Solids: 94.7

Method: SW846 8270E - Semivolatile Organic Compounds (GC/MS) (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Diethyl phthalate	0.34	U	0.34	0.011	mg/Kg	☼	10/08/25 20:51	10/09/25 10:23	1
Dimethyl phthalate	0.34	U	0.34	0.079	mg/Kg	☼	10/08/25 20:51	10/09/25 10:23	1
Di-n-butyl phthalate	0.34	U	0.34	0.013	mg/Kg	☼	10/08/25 20:51	10/09/25 10:23	1
Di-n-octyl phthalate	0.34	U	0.34	0.018	mg/Kg	☼	10/08/25 20:51	10/09/25 10:23	1
Fluoranthene	0.34	U	0.34	0.012	mg/Kg	☼	10/08/25 20:51	10/09/25 10:23	1
Fluorene	0.34	U	0.34	0.010	mg/Kg	☼	10/08/25 20:51	10/09/25 10:23	1
Hexachlorobenzene	0.034	U	0.034	0.016	mg/Kg	☼	10/08/25 20:51	10/09/25 10:23	1
Hexachlorobutadiene	0.070	U	0.070	0.0074	mg/Kg	☼	10/08/25 20:51	10/09/25 10:23	1
Hexachlorocyclopentadiene	0.34	U	0.34	0.030	mg/Kg	☼	10/08/25 20:51	10/09/25 10:23	1
Hexachloroethane	0.034	U	0.034	0.012	mg/Kg	☼	10/08/25 20:51	10/09/25 10:23	1
Indeno[1,2,3-cd]pyrene	0.034	U	0.034	0.013	mg/Kg	☼	10/08/25 20:51	10/09/25 10:23	1
Isophorone	0.14	U	0.14	0.10	mg/Kg	☼	10/08/25 20:51	10/09/25 10:23	1
Naphthalene	0.34	U	0.34	0.0060	mg/Kg	☼	10/08/25 20:51	10/09/25 10:23	1
Nitrobenzene	0.034	U	0.034	0.019	mg/Kg	☼	10/08/25 20:51	10/09/25 10:23	1
N-Nitrosodi-n-propylamine	0.034	U	0.034	0.025	mg/Kg	☼	10/08/25 20:51	10/09/25 10:23	1
N-Nitrosodiphenylamine	0.34	U	0.34	0.028	mg/Kg	☼	10/08/25 20:51	10/09/25 10:23	1
Pentachlorophenol	0.28	U	0.28	0.071	mg/Kg	☼	10/08/25 20:51	10/09/25 10:23	1
Phenanthrene	0.34	U	0.34	0.014	mg/Kg	☼	10/08/25 20:51	10/09/25 10:23	1
Phenol	0.34	U	0.34	0.013	mg/Kg	☼	10/08/25 20:51	10/09/25 10:23	1
Pyrene	0.34	U	0.34	0.0086	mg/Kg	☼	10/08/25 20:51	10/09/25 10:23	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
2,4,6-Tribromophenol (Surr)	*65*		*18 - 137*	*10/08/25 20:51*	*10/09/25 10:23*	*1*
2-Fluorobiphenyl	*66*		*33 - 117*	*10/08/25 20:51*	*10/09/25 10:23*	*1*
2-Fluorophenol (Surr)	*71*		*24 - 120*	*10/08/25 20:51*	*10/09/25 10:23*	*1*
Nitrobenzene-d5 (Surr)	*65*		*27 - 120*	*10/08/25 20:51*	*10/09/25 10:23*	*1*
Phenol-d5 (Surr)	*66*		*28 - 118*	*10/08/25 20:51*	*10/09/25 10:23*	*1*
Terphenyl-d14 (Surr)	*64*		*33 - 124*	*10/08/25 20:51*	*10/09/25 10:23*	*1*

Method: SW846 8081B - Organochlorine Pesticides (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
4,4'-DDD	0.0071	U	0.0071	0.0012	mg/Kg	☼	10/08/25 16:51	10/09/25 16:16	1
4,4'-DDE	0.0071	U	0.0071	0.00083	mg/Kg	☼	10/08/25 16:51	10/09/25 16:16	1
4,4'-DDT	0.0071	U	0.0071	0.0013	mg/Kg	☼	10/08/25 16:51	10/09/25 16:16	1
Aldrin	0.0071	U	0.0071	0.0011	mg/Kg	☼	10/08/25 16:51	10/09/25 16:16	1
alpha-BHC	0.0021	U	0.0021	0.00072	mg/Kg	☼	10/08/25 16:51	10/09/25 16:16	1
beta-BHC	0.0021	U	0.0021	0.00079	mg/Kg	☼	10/08/25 16:51	10/09/25 16:16	1
Chlordane (technical)	0.071	U	0.071	0.017	mg/Kg	☼	10/08/25 16:51	10/09/25 16:16	1
cis-Chlordane	0.0071	U	0.0071	0.0011	mg/Kg	☼	10/08/25 16:51	10/09/25 16:16	1
delta-BHC	0.0021	U	0.0021	0.00043	mg/Kg	☼	10/08/25 16:51	10/09/25 16:16	1
Dieldrin	0.0021	U	0.0021	0.00092	mg/Kg	☼	10/08/25 16:51	10/09/25 16:16	1
Endosulfan I	0.0071	U	0.0071	0.0011	mg/Kg	☼	10/08/25 16:51	10/09/25 16:16	1
Endosulfan II	0.0071	U	0.0071	0.0018	mg/Kg	☼	10/08/25 16:51	10/09/25 16:16	1
Endosulfan sulfate	0.0071	U	0.0071	0.00089	mg/Kg	☼	10/08/25 16:51	10/09/25 16:16	1
Endrin	0.0071	U	0.0071	0.0010	mg/Kg	☼	10/08/25 16:51	10/09/25 16:16	1
Endrin aldehyde	0.0071	U	0.0071	0.0017	mg/Kg	☼	10/08/25 16:51	10/09/25 16:16	1
Endrin ketone	0.0071	U	0.0071	0.0014	mg/Kg	☼	10/08/25 16:51	10/09/25 16:16	1
gamma-BHC (Lindane)	0.0021	U	0.0021	0.00065	mg/Kg	☼	10/08/25 16:51	10/09/25 16:16	1
Heptachlor	0.0071	U	0.0071	0.00083	mg/Kg	☼	10/08/25 16:51	10/09/25 16:16	1
Heptachlor epoxide	0.0071	U	0.0071	0.0011	mg/Kg	☼	10/08/25 16:51	10/09/25 16:16	1

Client Sample ID: 44B_4-8
Date Collected: 10/07/25 08:15
Date Received: 10/07/25 17:15

Lab Sample ID: 460-336648-4
Matrix: Solid
Percent Solids: 94.7

Method: SW846 8081B - Organochlorine Pesticides (GC) (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Methoxychlor	0.0071	U	0.0071	0.0016	mg/Kg	☼	10/08/25 16:51	10/09/25 16:16	1
Toxaphene	0.071	U	0.071	0.026	mg/Kg	☼	10/08/25 16:51	10/09/25 16:16	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
DCB Decachlorobiphenyl	*97*		*10 - 150*	*10/08/25 16:51*	*10/09/25 16:16*	*1*
DCB Decachlorobiphenyl	*118*		*10 - 150*	*10/08/25 16:51*	*10/09/25 16:16*	*1*
Tetrachloro-m-xylene	*97*		*14 - 150*	*10/08/25 16:51*	*10/09/25 16:16*	*1*
Tetrachloro-m-xylene	*95*		*14 - 150*	*10/08/25 16:51*	*10/09/25 16:16*	*1*

Method: SW846 8082A - Polychlorinated Biphenyls (PCBs) by Gas Chromatography

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Aroclor 1016	0.071	U	0.071	0.019	mg/Kg	☼	10/08/25 16:43	10/09/25 15:49	1
Aroclor 1221	0.071	U	0.071	0.019	mg/Kg	☼	10/08/25 16:43	10/09/25 15:49	1
Aroclor 1232	0.071	U	0.071	0.019	mg/Kg	☼	10/08/25 16:43	10/09/25 15:49	1
Aroclor 1242	0.071	U	0.071	0.019	mg/Kg	☼	10/08/25 16:43	10/09/25 15:49	1
Aroclor 1248	0.071	U	0.071	0.019	mg/Kg	☼	10/08/25 16:43	10/09/25 15:49	1
Aroclor 1254	0.071	U	0.071	0.019	mg/Kg	☼	10/08/25 16:43	10/09/25 15:49	1
Aroclor 1260	0.071	U	0.071	0.019	mg/Kg	☼	10/08/25 16:43	10/09/25 15:49	1
Aroclor-1262	0.071	U	0.071	0.019	mg/Kg	☼	10/08/25 16:43	10/09/25 15:49	1
Aroclor 1268	0.071	U	0.071	0.019	mg/Kg	☼	10/08/25 16:43	10/09/25 15:49	1
Polychlorinated biphenyls, Total	0.071	U	0.071	0.019	mg/Kg	☼	10/08/25 16:43	10/09/25 15:49	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
DCB Decachlorobiphenyl	*122*		*10 - 150*	*10/08/25 16:43*	*10/09/25 15:49*	*1*
DCB Decachlorobiphenyl	*145*		*10 - 150*	*10/08/25 16:43*	*10/09/25 15:49*	*1*
Tetrachloro-m-xylene	*124*		*10 - 150*	*10/08/25 16:43*	*10/09/25 15:49*	*1*
Tetrachloro-m-xylene	*122*		*10 - 150*	*10/08/25 16:43*	*10/09/25 15:49*	*1*

Method: EPA 1633A - Per- and Polyfluoroalkyl Substances by LC/MS/MS, 1633A

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Perfluorobutanoic acid (PFBA)	0.39	U	0.39	0.098	ug/Kg	☼	10/09/25 14:16	10/10/25 17:16	1
Perfluoropentanoic acid (PFPeA)	0.20	U	0.20	0.098	ug/Kg	☼	10/09/25 14:16	10/10/25 17:16	1
Perfluorohexanoic acid (PFHxA)	0.20	U	0.20	0.098	ug/Kg	☼	10/09/25 14:16	10/10/25 17:16	1
Perfluoroheptanoic acid (PFHpA)	0.20	U	0.20	0.098	ug/Kg	☼	10/09/25 14:16	10/10/25 17:16	1
Perfluorooctanoic acid (PFOA)	**0.10**	**J**	0.20	0.059	ug/Kg	☼	10/09/25 14:16	10/10/25 17:16	1
Perfluorononanoic acid (PFNA)	**0.22**		0.20	0.098	ug/Kg	☼	10/09/25 14:16	10/10/25 17:16	1
Perfluorodecanoic acid (PFDA)	**0.60**		0.20	0.059	ug/Kg	☼	10/09/25 14:16	10/10/25 17:16	1
Perfluoroundecanoic acid (PFUnA)	**6.81**		0.20	0.098	ug/Kg	☼	10/09/25 14:16	10/10/25 17:16	1
Perfluorododecanoic acid (PFDoA)	**0.98**		0.20	0.098	ug/Kg	☼	10/09/25 14:16	10/10/25 17:16	1
Perfluorotridecanoic acid (PFTrDA)	**1.58**		0.20	0.098	ug/Kg	☼	10/09/25 14:16	10/10/25 17:16	1
Perfluorotetradecanoic acid (PFTeDA)	0.20	U	0.20	0.098	ug/Kg	☼	10/09/25 14:16	10/10/25 17:16	1
Perfluorobutanesulfonic acid (PFBS)	0.20	U	0.20	0.098	ug/Kg	☼	10/09/25 14:16	10/10/25 17:16	1
Perfluoropentanesulfonic acid (PFPeS)	0.20	U	0.20	0.098	ug/Kg	☼	10/09/25 14:16	10/10/25 17:16	1
Perfluorohexanesulfonic acid (PFHxS)	0.20	U	0.20	0.098	ug/Kg	☼	10/09/25 14:16	10/10/25 17:16	1
Perfluoroheptanesulfonic acid (PFHpS)	0.20	U	0.20	0.098	ug/Kg	☼	10/09/25 14:16	10/10/25 17:16	1
Perfluorooctanesulfonic acid (PFOS)	0.20	U	0.20	0.098	ug/Kg	☼	10/09/25 14:16	10/10/25 17:16	1
Perfluorononanesulfonic acid (PFNS)	0.20	U	0.20	0.098	ug/Kg	☼	10/09/25 14:16	10/10/25 17:16	1

Client Sample ID: 44B_4-8
Date Collected: 10/07/25 08:15
Date Received: 10/07/25 17:15

Lab Sample ID: 460-336648-4
Matrix: Solid
Percent Solids: 94.7

Method: EPA 1633A - Per- and Polyfluoroalkyl Substances by LC/MS/MS, 1633A (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Perfluorodecanesulfonic acid (PFDS)	0.20	U	0.20	0.098	ug/Kg	☼	10/09/25 14:16	10/10/25 17:16	1
Perfluorododecanesulfonic acid (PFDoS)	0.20	U	0.20	0.098	ug/Kg	☼	10/09/25 14:16	10/10/25 17:16	1
1H,1H,2H,2H-Perfluorohexane sulfonic acid (4:2 FTS)	0.39	U	0.39	0.20	ug/Kg	☼	10/09/25 14:16	10/10/25 17:16	1
1H,1H,2H,2H-Perfluorooctane sulfonic acid (6:2 FTS)	0.39	U	0.39	0.20	ug/Kg	☼	10/09/25 14:16	10/10/25 17:16	1
1H,1H,2H,2H-Perfluorodecane sulfonic acid (8:2 FTS)	**0.44**		0.39	0.20	ug/Kg	☼	10/09/25 14:16	10/10/25 17:16	1
Perfluorooctanesulfonamide (PFOSA)	0.20	U	0.20	0.098	ug/Kg	☼	10/09/25 14:16	10/10/25 17:16	1
N-methylperfluorooctane sulfonamide (NMeFOSA)	0.20	U	0.20	0.098	ug/Kg	☼	10/09/25 14:16	10/10/25 17:16	1
N-ethylperfluorooctane sulfonamide (NEtFOSA)	0.20	U	0.20	0.098	ug/Kg	☼	10/09/25 14:16	10/10/25 17:16	1
N-methylperfluorooctanesulfonamidoacetic acid (NMeFOSAA)	0.20	U	0.20	0.098	ug/Kg	☼	10/09/25 14:16	10/10/25 17:16	1
N-ethylperfluorooctanesulfonamidoacetic acid (NEtFOSAA)	0.20	U	0.20	0.098	ug/Kg	☼	10/09/25 14:16	10/10/25 17:16	1
N-methylperfluorooctane sulfonamidoethanol (NMeFOSE)	0.98	U	0.98	0.49	ug/Kg	☼	10/09/25 14:16	10/10/25 17:16	1
N-ethylperfluorooctane sulfonamidoethanol (NEtFOSE)	0.98	U	0.98	0.49	ug/Kg	☼	10/09/25 14:16	10/10/25 17:16	1
Hexafluoropropylene Oxide Dimer Acid (HFPO-DA)	0.20	U	0.20	0.098	ug/Kg	☼	10/09/25 14:16	10/10/25 17:16	1
4,8-Dioxa-3H-perfluorononanoic acid (ADONA)	0.20	U	0.20	0.098	ug/Kg	☼	10/09/25 14:16	10/10/25 17:16	1
Perfluoro-3-methoxypropanoic acid (PFMPA)	0.20	U	0.20	0.098	ug/Kg	☼	10/09/25 14:16	10/10/25 17:16	1
Perfluoro-4-methoxybutanoic acid (PFMBA)	0.20	U	0.20	0.098	ug/Kg	☼	10/09/25 14:16	10/10/25 17:16	1
Nonafluoro-3,6-dioxaheptanoic acid (NFDHA)	0.20	U	0.20	0.098	ug/Kg	☼	10/09/25 14:16	10/10/25 17:16	1
9-Chlorohexadecafluoro-3-oxanonane-1-sulfonic acid (9Cl-PF3ONS)	0.20	U	0.20	0.098	ug/Kg	☼	10/09/25 14:16	10/10/25 17:16	1
11-Chloroeicosafluoro-3-oxaundecane-1-sulfonic acid (11Cl-PF3OUdS)	0.20	U	0.20	0.098	ug/Kg	☼	10/09/25 14:16	10/10/25 17:16	1
Perfluoro (2-ethoxyethane) sulfonic acid (PFEESA)	0.20	U	0.20	0.098	ug/Kg	☼	10/09/25 14:16	10/10/25 17:16	1
3-Perfluoropropylpropanoic acid (3:3 FTCA)	0.39	U	0.39	0.20	ug/Kg	☼	10/09/25 14:16	10/10/25 17:16	1
3-Perfluoropentylpropanoic acid (5:3 FTCA)	0.98	U	0.98	0.49	ug/Kg	☼	10/09/25 14:16	10/10/25 17:16	1
3-Perfluoroheptylpropanoic acid (7:3 FTCA)	0.98	U	0.98	0.49	ug/Kg	☼	10/09/25 14:16	10/10/25 17:16	1

Isotope Dilution	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
13C4 PFBA	*84.2*		*8 - 130*	*10/09/25 14:16*	*10/10/25 17:16*	*1*
13C5 PFPeA	*89.0*		*35 - 130*	*10/09/25 14:16*	*10/10/25 17:16*	*1*
13C5 PFHxA	*85.4*		*40 - 130*	*10/09/25 14:16*	*10/10/25 17:16*	*1*
13C4 PFHpA	*90.6*		*40 - 130*	*10/09/25 14:16*	*10/10/25 17:16*	*1*
13C8 PFOA	*85.0*		*40 - 130*	*10/09/25 14:16*	*10/10/25 17:16*	*1*
13C9 PFNA	*83.5*		*40 - 130*	*10/09/25 14:16*	*10/10/25 17:16*	*1*
13C6 PFDA	*79.0*		*40 - 130*	*10/09/25 14:16*	*10/10/25 17:16*	*1*
13C7 PFUnA	*59.6*		*40 - 130*	*10/09/25 14:16*	*10/10/25 17:16*	*1*
13C2 PFTeDA	*15.1*	*	*20 - 130*	*10/09/25 14:16*	*10/10/25 17:16*	*1*

Client Sample ID: 44B_4-8
Date Collected: 10/07/25 08:15
Date Received: 10/07/25 17:15

Lab Sample ID: 460-336648-4
Matrix: Solid
Percent Solids: 94.7

Method: EPA 1633A - Per- and Polyfluoroalkyl Substances by LC/MS/MS, 1633A (Continued)

Isotope Dilution	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
13C3 PFBS	80.7		40 - 135	10/09/25 14:16	10/10/25 17:16	1
13C3 PFHxS	83.3		40 - 130	10/09/25 14:16	10/10/25 17:16	1
13C8 PFOS	76.5		40 - 130	10/09/25 14:16	10/10/25 17:16	1
13C8 FOSA	67.3		40 - 130	10/09/25 14:16	10/10/25 17:16	1
d3-NMeFOSAA	56.4		40 - 135	10/09/25 14:16	10/10/25 17:16	1
d5-NEtFOSAA	58.1		40 - 150	10/09/25 14:16	10/10/25 17:16	1
13C2 4:2 FTS	86.7		40 - 165	10/09/25 14:16	10/10/25 17:16	1
13C2 6:2 FTS	79.5		40 - 215	10/09/25 14:16	10/10/25 17:16	1
13C2 8:2 FTS	68.4		40 - 275	10/09/25 14:16	10/10/25 17:16	1
13C3 HFPO-DA	96.8		40 - 130	10/09/25 14:16	10/10/25 17:16	1
d7-N-MeFOSE-M	14.3	*	20 - 130	10/09/25 14:16	10/10/25 17:16	1
d9-N-EtFOSE-M	9.33	*	15 - 130	10/09/25 14:16	10/10/25 17:16	1
d5-NEtPFOSA	47.7		10 - 130	10/09/25 14:16	10/10/25 17:16	1
d3-NMePFOSA	56.9		10 - 130	10/09/25 14:16	10/10/25 17:16	1
13C2 PFDoA	47.1		40 - 130	10/09/25 14:16	10/10/25 17:16	1

Method: SW846 6020B - Metals (ICP/MS)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Aluminum	4600		15.9	4.4	mg/Kg	☼	10/11/25 20:55	10/12/25 15:37	1
Antimony	4.1		0.79	0.12	mg/Kg	☼	10/11/25 20:55	10/12/25 15:37	1
Arsenic	10.4		0.79	0.082	mg/Kg	☼	10/11/25 20:55	10/12/25 15:37	1
Barium	23.7		1.6	0.12	mg/Kg	☼	10/11/25 20:55	10/12/25 15:37	1
Beryllium	0.60		0.32	0.017	mg/Kg	☼	10/11/25 20:55	10/12/25 15:37	1
Cadmium	0.13	J	0.79	0.090	mg/Kg	☼	10/11/25 20:55	10/12/25 15:37	1
Calcium	2570		79.4	7.7	mg/Kg	☼	10/11/25 20:55	10/12/25 15:37	1
Chromium	15.2		1.6	0.24	mg/Kg	☼	10/11/25 20:55	10/12/25 15:37	1
Cobalt	3.9		0.79	0.12	mg/Kg	☼	10/11/25 20:55	10/12/25 15:37	1
Copper	38.9		1.6	0.29	mg/Kg	☼	10/11/25 20:55	10/12/25 15:37	1
Iron	17200		47.6	6.1	mg/Kg	☼	10/11/25 20:55	10/12/25 15:37	1
Lead	74.3		0.48	0.16	mg/Kg	☼	10/11/25 20:55	10/12/25 15:37	1
Magnesium	2230		79.4	8.1	mg/Kg	☼	10/11/25 20:55	10/12/25 15:37	1
Manganese	123		3.2	0.32	mg/Kg	☼	10/11/25 20:55	10/12/25 15:37	1
Nickel	12.0		1.6	0.14	mg/Kg	☼	10/11/25 20:55	10/12/25 15:37	1
Potassium	1140		79.4	12.9	mg/Kg	☼	10/11/25 20:55	10/12/25 15:37	1
Selenium	0.48	J	0.99	0.10	mg/Kg	☼	10/11/25 20:55	10/12/25 15:37	1
Silver	0.54		0.32	0.071	mg/Kg	☼	10/11/25 20:55	10/12/25 15:37	1
Sodium	41.0	J	79.4	36.3	mg/Kg	☼	10/11/25 20:55	10/12/25 15:37	1
Thallium	0.052	J	0.32	0.033	mg/Kg	☼	10/11/25 20:55	10/12/25 15:37	1
Vanadium	28.3		1.6	0.16	mg/Kg	☼	10/11/25 20:55	10/12/25 15:37	1
Zinc	55.5		6.4	0.87	mg/Kg	☼	10/11/25 20:55	10/12/25 15:37	1

Method: SW846 7471B - Mercury (CVAA)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	0.029		0.018	0.0084	mg/Kg	☼	10/16/25 01:19	10/16/25 07:28	1

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Percent Moisture (EPA Moisture)	5.3		1.0	1.0	%			10/08/25 18:34	1
Percent Solids (EPA Moisture)	94.7		1.0	1.0	%			10/08/25 18:34	1

Client: Haley & Aldrich, Inc.
Project/Site: Former Port Mobil

Job ID: 460-336648-1

Client Sample ID: 44C_0-4
Date Collected: 10/07/25 08:20
Date Received: 10/07/25 17:15

Lab Sample ID: 460-336648-5
Matrix: Solid
Percent Solids: 93.5

Method: SW846 8270E - Semivolatile Organic Compounds (GC/MS)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1'-Biphenyl	0.35	U	0.35	0.012	mg/Kg	☼	10/08/25 20:51	10/09/25 10:41	1
1,2,4,5-Tetrachlorobenzene	0.35	U	0.35	0.011	mg/Kg	☼	10/08/25 20:51	10/09/25 10:41	1
1,4-Dioxane	0.035	U	0.035	0.031	mg/Kg	☼	10/08/25 20:51	10/09/25 10:41	1
2,2'-oxybis[1-chloropropane]	0.35	U	0.35	0.021	mg/Kg	☼	10/08/25 20:51	10/09/25 10:41	1
2,3,4,6-Tetrachlorophenol	0.35	U	0.35	0.024	mg/Kg	☼	10/08/25 20:51	10/09/25 10:41	1
2,4,5-Trichlorophenol	0.35	U	0.35	0.036	mg/Kg	☼	10/08/25 20:51	10/09/25 10:41	1
2,4,6-Trichlorophenol	0.14	U	0.14	0.045	mg/Kg	☼	10/08/25 20:51	10/09/25 10:41	1
2,4-Dichlorophenol	0.14	U	0.14	0.022	mg/Kg	☼	10/08/25 20:51	10/09/25 10:41	1
2,4-Dimethylphenol	0.35	U	0.35	0.042	mg/Kg	☼	10/08/25 20:51	10/09/25 10:41	1
2,4-Dinitrophenol	0.28	U	0.28	0.17	mg/Kg	☼	10/08/25 20:51	10/09/25 10:41	1
2,4-Dinitrotoluene	0.071	U	0.071	0.038	mg/Kg	☼	10/08/25 20:51	10/09/25 10:41	1
2,6-Dinitrotoluene	0.071	U	0.071	0.025	mg/Kg	☼	10/08/25 20:51	10/09/25 10:41	1
2-Chloronaphthalene	0.35	U	0.35	0.045	mg/Kg	☼	10/08/25 20:51	10/09/25 10:41	1
2-Chlorophenol	0.35	U	0.35	0.012	mg/Kg	☼	10/08/25 20:51	10/09/25 10:41	1
2-Methylnaphthalene	0.35	U	0.35	0.0098	mg/Kg	☼	10/08/25 20:51	10/09/25 10:41	1
2-Methylphenol	0.35	U	0.35	0.013	mg/Kg	☼	10/08/25 20:51	10/09/25 10:41	1
2-Nitroaniline	0.35	U	0.35	0.027	mg/Kg	☼	10/08/25 20:51	10/09/25 10:41	1
2-Nitrophenol	0.35	U	0.35	0.035	mg/Kg	☼	10/08/25 20:51	10/09/25 10:41	1
3 & 4 Methylphenol	0.35	U	0.35	0.022	mg/Kg	☼	10/08/25 20:51	10/09/25 10:41	1
3,3'-Dichlorobenzidine	0.14	U	0.14	0.053	mg/Kg	☼	10/08/25 20:51	10/09/25 10:41	1
3-Nitroaniline	0.35	U	0.35	0.083	mg/Kg	☼	10/08/25 20:51	10/09/25 10:41	1
4,6-Dinitro-2-methylphenol	0.28	U	0.28	0.14	mg/Kg	☼	10/08/25 20:51	10/09/25 10:41	1
4-Bromophenyl phenyl ether	0.35	U	0.35	0.014	mg/Kg	☼	10/08/25 20:51	10/09/25 10:41	1
4-Chloro-3-methylphenol	0.35	U	0.35	0.020	mg/Kg	☼	10/08/25 20:51	10/09/25 10:41	1
4-Chloroaniline	0.35	U	0.35	0.062	mg/Kg	☼	10/08/25 20:51	10/09/25 10:41	1
4-Chlorophenyl phenyl ether	0.35	U	0.35	0.012	mg/Kg	☼	10/08/25 20:51	10/09/25 10:41	1
4-Methylphenol	0.35	U	0.35	0.022	mg/Kg	☼	10/08/25 20:51	10/09/25 10:41	1
4-Nitroaniline	0.35	U	0.35	0.089	mg/Kg	☼	10/08/25 20:51	10/09/25 10:41	1
4-Nitrophenol	0.71	U	0.71	0.057	mg/Kg	☼	10/08/25 20:51	10/09/25 10:41	1
Acenaphthene	0.35	U	0.35	0.010	mg/Kg	☼	10/08/25 20:51	10/09/25 10:41	1
Acenaphthylene	0.35	U	0.35	0.010	mg/Kg	☼	10/08/25 20:51	10/09/25 10:41	1
Acetophenone	0.35	U	0.35	0.017	mg/Kg	☼	10/08/25 20:51	10/09/25 10:41	1
Anthracene	0.35	U	0.35	0.011	mg/Kg	☼	10/08/25 20:51	10/09/25 10:41	1
Atrazine	0.14	U	0.14	0.021	mg/Kg	☼	10/08/25 20:51	10/09/25 10:41	1
Benzaldehyde	0.35	U	0.35	0.058	mg/Kg	☼	10/08/25 20:51	10/09/25 10:41	1
Benzo[a]anthracene	0.035	U	0.035	0.026	mg/Kg	☼	10/08/25 20:51	10/09/25 10:41	1
Benzo[a]pyrene	0.035	U	0.035	0.0093	mg/Kg	☼	10/08/25 20:51	10/09/25 10:41	1
Benzo[b]fluoranthene	0.035	U	0.035	0.0090	mg/Kg	☼	10/08/25 20:51	10/09/25 10:41	1
Benzo[g,h,i]perylene	0.35	U	0.35	0.010	mg/Kg	☼	10/08/25 20:51	10/09/25 10:41	1
Benzo[k]fluoranthene	0.035	U	0.035	0.0069	mg/Kg	☼	10/08/25 20:51	10/09/25 10:41	1
Bis(2-chloroethoxy)methane	0.35	U	0.35	0.065	mg/Kg	☼	10/08/25 20:51	10/09/25 10:41	1
Bis(2-chloroethyl)ether	0.035	U	0.035	0.012	mg/Kg	☼	10/08/25 20:51	10/09/25 10:41	1
Bis(2-ethylhexyl) phthalate	0.35	U	0.35	0.018	mg/Kg	☼	10/08/25 20:51	10/09/25 10:41	1
Butyl benzyl phthalate	0.35	U	0.35	0.016	mg/Kg	☼	10/08/25 20:51	10/09/25 10:41	1
Caprolactam	0.35	U	0.35	0.054	mg/Kg	☼	10/08/25 20:51	10/09/25 10:41	1
Carbazole	0.35	U	0.35	0.013	mg/Kg	☼	10/08/25 20:51	10/09/25 10:41	1
Chrysene	0.35	U	0.35	0.015	mg/Kg	☼	10/08/25 20:51	10/09/25 10:41	1
Dibenz(a,h)anthracene	0.035	U	0.035	0.015	mg/Kg	☼	10/08/25 20:51	10/09/25 10:41	1
Dibenzofuran	0.35	U	0.35	0.012	mg/Kg	☼	10/08/25 20:51	10/09/25 10:41	1

Client Sample ID: 44C_0-4
Date Collected: 10/07/25 08:20
Date Received: 10/07/25 17:15

Lab Sample ID: 460-336648-5
Matrix: Solid
Percent Solids: 93.5

Method: SW846 8270E - Semivolatile Organic Compounds (GC/MS) (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Diethyl phthalate	0.35	U	0.35	0.011	mg/Kg	☼	10/08/25 20:51	10/09/25 10:41	1
Dimethyl phthalate	0.35	U	0.35	0.079	mg/Kg	☼	10/08/25 20:51	10/09/25 10:41	1
Di-n-butyl phthalate	0.35	U	0.35	0.013	mg/Kg	☼	10/08/25 20:51	10/09/25 10:41	1
Di-n-octyl phthalate	0.35	U	0.35	0.019	mg/Kg	☼	10/08/25 20:51	10/09/25 10:41	1
Fluoranthene	0.35	U	0.35	0.012	mg/Kg	☼	10/08/25 20:51	10/09/25 10:41	1
Fluorene	0.35	U	0.35	0.010	mg/Kg	☼	10/08/25 20:51	10/09/25 10:41	1
Hexachlorobenzene	0.035	U	0.035	0.017	mg/Kg	☼	10/08/25 20:51	10/09/25 10:41	1
Hexachlorobutadiene	0.071	U	0.071	0.0074	mg/Kg	☼	10/08/25 20:51	10/09/25 10:41	1
Hexachlorocyclopentadiene	0.35	U	0.35	0.031	mg/Kg	☼	10/08/25 20:51	10/09/25 10:41	1
Hexachloroethane	0.035	U	0.035	0.012	mg/Kg	☼	10/08/25 20:51	10/09/25 10:41	1
Indeno[1,2,3-cd]pyrene	0.035	U	0.035	0.014	mg/Kg	☼	10/08/25 20:51	10/09/25 10:41	1
Isophorone	0.14	U	0.14	0.10	mg/Kg	☼	10/08/25 20:51	10/09/25 10:41	1
Naphthalene	0.35	U	0.35	0.0060	mg/Kg	☼	10/08/25 20:51	10/09/25 10:41	1
Nitrobenzene	0.035	U	0.035	0.019	mg/Kg	☼	10/08/25 20:51	10/09/25 10:41	1
N-Nitrosodi-n-propylamine	0.035	U	0.035	0.025	mg/Kg	☼	10/08/25 20:51	10/09/25 10:41	1
N-Nitrosodiphenylamine	0.35	U	0.35	0.029	mg/Kg	☼	10/08/25 20:51	10/09/25 10:41	1
Pentachlorophenol	0.28	U	0.28	0.072	mg/Kg	☼	10/08/25 20:51	10/09/25 10:41	1
Phenanthrene	0.35	U	0.35	0.014	mg/Kg	☼	10/08/25 20:51	10/09/25 10:41	1
Phenol	0.35	U	0.35	0.013	mg/Kg	☼	10/08/25 20:51	10/09/25 10:41	1
Pyrene	0.35	U	0.35	0.0087	mg/Kg	☼	10/08/25 20:51	10/09/25 10:41	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
2,4,6-Tribromophenol (Surr)	*62*		*18 - 137*	*10/08/25 20:51*	*10/09/25 10:41*	*1*
2-Fluorobiphenyl	*59*		*33 - 117*	*10/08/25 20:51*	*10/09/25 10:41*	*1*
2-Fluorophenol (Surr)	*66*		*24 - 120*	*10/08/25 20:51*	*10/09/25 10:41*	*1*
Nitrobenzene-d5 (Surr)	*62*		*27 - 120*	*10/08/25 20:51*	*10/09/25 10:41*	*1*
Phenol-d5 (Surr)	*62*		*28 - 118*	*10/08/25 20:51*	*10/09/25 10:41*	*1*
Terphenyl-d14 (Surr)	*61*		*33 - 124*	*10/08/25 20:51*	*10/09/25 10:41*	*1*

Method: SW846 8081B - Organochlorine Pesticides (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
4,4'-DDD	0.0072	U	0.0072	0.0012	mg/Kg	☼	10/08/25 16:51	10/09/25 16:29	1
4,4'-DDE	0.0072	U	0.0072	0.00085	mg/Kg	☼	10/08/25 16:51	10/09/25 16:29	1
4,4'-DDT	0.0072	U	0.0072	0.0013	mg/Kg	☼	10/08/25 16:51	10/09/25 16:29	1
Aldrin	0.0072	U	0.0072	0.0011	mg/Kg	☼	10/08/25 16:51	10/09/25 16:29	1
alpha-BHC	0.0021	U	0.0021	0.00073	mg/Kg	☼	10/08/25 16:51	10/09/25 16:29	1
beta-BHC	0.0021	U	0.0021	0.00080	mg/Kg	☼	10/08/25 16:51	10/09/25 16:29	1
Chlordane (technical)	0.072	U	0.072	0.017	mg/Kg	☼	10/08/25 16:51	10/09/25 16:29	1
cis-Chlordane	0.0072	U	0.0072	0.0011	mg/Kg	☼	10/08/25 16:51	10/09/25 16:29	1
delta-BHC	0.0021	U	0.0021	0.00044	mg/Kg	☼	10/08/25 16:51	10/09/25 16:29	1
Dieldrin	0.0021	U	0.0021	0.00093	mg/Kg	☼	10/08/25 16:51	10/09/25 16:29	1
Endosulfan I	0.0072	U	0.0072	0.0011	mg/Kg	☼	10/08/25 16:51	10/09/25 16:29	1
Endosulfan II	0.0072	U	0.0072	0.0018	mg/Kg	☼	10/08/25 16:51	10/09/25 16:29	1
Endosulfan sulfate	0.0072	U	0.0072	0.00090	mg/Kg	☼	10/08/25 16:51	10/09/25 16:29	1
Endrin	0.0072	U	0.0072	0.0010	mg/Kg	☼	10/08/25 16:51	10/09/25 16:29	1
Endrin aldehyde	0.0072	U	0.0072	0.0017	mg/Kg	☼	10/08/25 16:51	10/09/25 16:29	1
Endrin ketone	0.0072	U	0.0072	0.0014	mg/Kg	☼	10/08/25 16:51	10/09/25 16:29	1
gamma-BHC (Lindane)	0.0021	U	0.0021	0.00066	mg/Kg	☼	10/08/25 16:51	10/09/25 16:29	1
Heptachlor	0.0072	U	0.0072	0.00085	mg/Kg	☼	10/08/25 16:51	10/09/25 16:29	1
Heptachlor epoxide	0.0072	U	0.0072	0.0011	mg/Kg	☼	10/08/25 16:51	10/09/25 16:29	1

Client Sample ID: 44C_0-4
Date Collected: 10/07/25 08:20
Date Received: 10/07/25 17:15

Lab Sample ID: 460-336648-5
Matrix: Solid
Percent Solids: 93.5

Method: SW846 8081B - Organochlorine Pesticides (GC) (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Methoxychlor	0.0072	U	0.0072	0.0016	mg/Kg	☼	10/08/25 16:51	10/09/25 16:29	1
Toxaphene	0.072	U	0.072	0.026	mg/Kg	☼	10/08/25 16:51	10/09/25 16:29	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
DCB Decachlorobiphenyl	*89*		*10 - 150*	*10/08/25 16:51*	*10/09/25 16:29*	*1*
DCB Decachlorobiphenyl	*106*		*10 - 150*	*10/08/25 16:51*	*10/09/25 16:29*	*1*
Tetrachloro-m-xylene	*88*		*14 - 150*	*10/08/25 16:51*	*10/09/25 16:29*	*1*
Tetrachloro-m-xylene	*87*		*14 - 150*	*10/08/25 16:51*	*10/09/25 16:29*	*1*

Method: SW846 8082A - Polychlorinated Biphenyls (PCBs) by Gas Chromatography

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Aroclor 1016	0.072	U	0.072	0.019	mg/Kg	☼	10/08/25 16:43	10/09/25 16:11	1
Aroclor 1221	0.072	U	0.072	0.019	mg/Kg	☼	10/08/25 16:43	10/09/25 16:11	1
Aroclor 1232	0.072	U	0.072	0.019	mg/Kg	☼	10/08/25 16:43	10/09/25 16:11	1
Aroclor 1242	0.072	U	0.072	0.019	mg/Kg	☼	10/08/25 16:43	10/09/25 16:11	1
Aroclor 1248	0.072	U	0.072	0.019	mg/Kg	☼	10/08/25 16:43	10/09/25 16:11	1
Aroclor 1254	0.072	U	0.072	0.019	mg/Kg	☼	10/08/25 16:43	10/09/25 16:11	1
Aroclor 1260	0.072	U	0.072	0.019	mg/Kg	☼	10/08/25 16:43	10/09/25 16:11	1
Aroclor-1262	0.072	U	0.072	0.019	mg/Kg	☼	10/08/25 16:43	10/09/25 16:11	1
Aroclor 1268	0.072	U	0.072	0.019	mg/Kg	☼	10/08/25 16:43	10/09/25 16:11	1
Polychlorinated biphenyls, Total	0.072	U	0.072	0.019	mg/Kg	☼	10/08/25 16:43	10/09/25 16:11	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
DCB Decachlorobiphenyl	*113*		*10 - 150*	*10/08/25 16:43*	*10/09/25 16:11*	*1*
DCB Decachlorobiphenyl	*135*		*10 - 150*	*10/08/25 16:43*	*10/09/25 16:11*	*1*
Tetrachloro-m-xylene	*114*		*10 - 150*	*10/08/25 16:43*	*10/09/25 16:11*	*1*
Tetrachloro-m-xylene	*112*		*10 - 150*	*10/08/25 16:43*	*10/09/25 16:11*	*1*

Method: EPA 1633A - Per- and Polyfluoroalkyl Substances by LC/MS/MS, 1633A

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Perfluorobutanoic acid (PFBA)	0.40	U	0.40	0.099	ug/Kg	☼	10/09/25 14:16	10/10/25 17:30	1
Perfluoropentanoic acid (PFPeA)	**0.10**	**J**	0.20	0.099	ug/Kg	☼	10/09/25 14:16	10/10/25 17:30	1
Perfluorohexanoic acid (PFHxA)	0.20	U	0.20	0.099	ug/Kg	☼	10/09/25 14:16	10/10/25 17:30	1
Perfluoroheptanoic acid (PFHpA)	**0.18**	**J**	0.20	0.099	ug/Kg	☼	10/09/25 14:16	10/10/25 17:30	1
Perfluorooctanoic acid (PFOA)	**0.30**		0.20	0.059	ug/Kg	☼	10/09/25 14:16	10/10/25 17:30	1
Perfluorononanoic acid (PFNA)	**1.43**		0.20	0.099	ug/Kg	☼	10/09/25 14:16	10/10/25 17:30	1
Perfluorodecanoic acid (PFDA)	**1.79**		0.20	0.059	ug/Kg	☼	10/09/25 14:16	10/10/25 17:30	1
Perfluoroundecanoic acid (PFUnA)	**7.46**		0.20	0.099	ug/Kg	☼	10/09/25 14:16	10/10/25 17:30	1
Perfluorododecanoic acid (PFDoA)	**0.79**		0.20	0.099	ug/Kg	☼	10/09/25 14:16	10/10/25 17:30	1
Perfluorotridecanoic acid (PFTrDA)	**2.18**		0.20	0.099	ug/Kg	☼	10/09/25 14:16	10/10/25 17:30	1
Perfluorotetradecanoic acid (PFTeDA)	**0.19**	**J**	0.20	0.099	ug/Kg	☼	10/09/25 14:16	10/10/25 17:30	1
Perfluorobutanesulfonic acid (PFBS)	0.20	U	0.20	0.099	ug/Kg	☼	10/09/25 14:16	10/10/25 17:30	1
Perfluoropentanesulfonic acid (PFPeS)	0.20	U	0.20	0.099	ug/Kg	☼	10/09/25 14:16	10/10/25 17:30	1
Perfluorohexanesulfonic acid (PFHxS)	0.20	U	0.20	0.099	ug/Kg	☼	10/09/25 14:16	10/10/25 17:30	1
Perfluoroheptanesulfonic acid (PFHpS)	0.20	U	0.20	0.099	ug/Kg	☼	10/09/25 14:16	10/10/25 17:30	1
Perfluorooctanesulfonic acid (PFOS)	0.20	U	0.20	0.099	ug/Kg	☼	10/09/25 14:16	10/10/25 17:30	1

Client Sample ID: 44C_0-4
Date Collected: 10/07/25 08:20
Date Received: 10/07/25 17:15

Lab Sample ID: 460-336648-5
Matrix: Solid
Percent Solids: 93.5

Method: EPA 1633A - Per- and Polyfluoroalkyl Substances by LC/MS/MS, 1633A (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Perfluorononanesulfonic acid (PFNS)	0.20	U	0.20	0.099	ug/Kg	☼	10/09/25 14:16	10/10/25 17:30	1
Perfluorodecanesulfonic acid (PFDS)	0.20	U	0.20	0.099	ug/Kg	☼	10/09/25 14:16	10/10/25 17:30	1
Perfluorododecanesulfonic acid (PFDoS)	0.20	U	0.20	0.099	ug/Kg	☼	10/09/25 14:16	10/10/25 17:30	1
1H,1H,2H,2H-Perfluorohexane sulfonic acid (4:2 FTS)	0.40	U	0.40	0.20	ug/Kg	☼	10/09/25 14:16	10/10/25 17:30	1
1H,1H,2H,2H-Perfluorooctane sulfonic acid (6:2 FTS)	**0.33**	**J**	0.40	0.20	ug/Kg	☼	10/09/25 14:16	10/10/25 17:30	1
1H,1H,2H,2H-Perfluorodecane sulfonic acid (8:2 FTS)	**3.65**		0.40	0.20	ug/Kg	☼	10/09/25 14:16	10/10/25 17:30	1
Perfluorooctanesulfonamide (PFOSA)	0.20	U	0.20	0.099	ug/Kg	☼	10/09/25 14:16	10/10/25 17:30	1
N-methylperfluorooctane sulfonamide (NMeFOSA)	0.20	U	0.20	0.099	ug/Kg	☼	10/09/25 14:16	10/10/25 17:30	1
N-ethylperfluorooctane sulfonamide (NEtFOSA)	0.20	U	0.20	0.099	ug/Kg	☼	10/09/25 14:16	10/10/25 17:30	1
N-methylperfluorooctanesulfonamidoacetic acid (NMeFOSAA)	0.20	U	0.20	0.099	ug/Kg	☼	10/09/25 14:16	10/10/25 17:30	1
N-ethylperfluorooctanesulfonamidoacetic acid (NEtFOSAA)	0.20	U	0.20	0.099	ug/Kg	☼	10/09/25 14:16	10/10/25 17:30	1
N-methylperfluorooctane sulfonamidoethanol (NMeFOSE)	0.99	U	0.99	0.50	ug/Kg	☼	10/09/25 14:16	10/10/25 17:30	1
N-ethylperfluorooctane sulfonamidoethanol (NEtFOSE)	0.99	U	0.99	0.50	ug/Kg	☼	10/09/25 14:16	10/10/25 17:30	1
Hexafluoropropylene Oxide Dimer Acid (HFPO-DA)	0.20	U	0.20	0.099	ug/Kg	☼	10/09/25 14:16	10/10/25 17:30	1
4,8-Dioxa-3H-perfluorononanoic acid (ADONA)	0.20	U	0.20	0.099	ug/Kg	☼	10/09/25 14:16	10/10/25 17:30	1
Perfluoro-3-methoxypropanoic acid (PFMPA)	0.20	U	0.20	0.099	ug/Kg	☼	10/09/25 14:16	10/10/25 17:30	1
Perfluoro-4-methoxybutanoic acid (PFMBA)	0.20	U	0.20	0.099	ug/Kg	☼	10/09/25 14:16	10/10/25 17:30	1
Nonafluoro-3,6-dioxaheptanoic acid (NFDHA)	0.20	U	0.20	0.099	ug/Kg	☼	10/09/25 14:16	10/10/25 17:30	1
9-Chlorohexadecafluoro-3-oxanonane-1-sulfonic acid (9Cl-PF3ONS)	0.20	U	0.20	0.099	ug/Kg	☼	10/09/25 14:16	10/10/25 17:30	1
11-Chloroeicosafluoro-3-oxaundecane-1-sulfonic acid (11Cl-PF3OUdS)	0.20	U	0.20	0.099	ug/Kg	☼	10/09/25 14:16	10/10/25 17:30	1
Perfluoro (2-ethoxyethane) sulfonic acid (PFEESA)	0.20	U	0.20	0.099	ug/Kg	☼	10/09/25 14:16	10/10/25 17:30	1
3-Perfluoropropylpropanoic acid (3:3 FTCA)	0.40	U	0.40	0.20	ug/Kg	☼	10/09/25 14:16	10/10/25 17:30	1
3-Perfluoropentylpropanoic acid (5:3 FTCA)	0.99	U	0.99	0.50	ug/Kg	☼	10/09/25 14:16	10/10/25 17:30	1
3-Perfluoroheptylpropanoic acid (7:3 FTCA)	0.99	U	0.99	0.50	ug/Kg	☼	10/09/25 14:16	10/10/25 17:30	1

Isotope Dilution	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
13C4 PFBA	*84.0*		*8 - 130*	*10/09/25 14:16*	*10/10/25 17:30*	*1*
13C5 PFPeA	*91.7*		*35 - 130*	*10/09/25 14:16*	*10/10/25 17:30*	*1*
13C5 PFHxA	*83.6*		*40 - 130*	*10/09/25 14:16*	*10/10/25 17:30*	*1*
13C4 PFHpA	*91.2*		*40 - 130*	*10/09/25 14:16*	*10/10/25 17:30*	*1*
13C8 PFOA	*81.4*		*40 - 130*	*10/09/25 14:16*	*10/10/25 17:30*	*1*
13C9 PFNA	*81.0*		*40 - 130*	*10/09/25 14:16*	*10/10/25 17:30*	*1*
13C6 PFDA	*78.5*		*40 - 130*	*10/09/25 14:16*	*10/10/25 17:30*	*1*
13C7 PFUnA	*65.7*		*40 - 130*	*10/09/25 14:16*	*10/10/25 17:30*	*1*

Client Sample ID: 44C_0-4
Date Collected: 10/07/25 08:20
Date Received: 10/07/25 17:15

Lab Sample ID: 460-336648-5
Matrix: Solid
Percent Solids: 93.5

Method: EPA 1633A - Per- and Polyfluoroalkyl Substances by LC/MS/MS, 1633A (Continued)

Isotope Dilution	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
13C2 PFTeDA	41.2		20 - 130	10/09/25 14:16	10/10/25 17:30	1
13C3 PFBS	77.0		40 - 135	10/09/25 14:16	10/10/25 17:30	1
13C3 PFHxS	78.2		40 - 130	10/09/25 14:16	10/10/25 17:30	1
13C8 PFOS	75.8		40 - 130	10/09/25 14:16	10/10/25 17:30	1
13C8 FOSA	68.7		40 - 130	10/09/25 14:16	10/10/25 17:30	1
d3-NMeFOSAA	52.4		40 - 135	10/09/25 14:16	10/10/25 17:30	1
d5-NEtFOSAA	51.6		40 - 150	10/09/25 14:16	10/10/25 17:30	1
13C2 4:2 FTS	80.6		40 - 165	10/09/25 14:16	10/10/25 17:30	1
13C2 6:2 FTS	79.0		40 - 215	10/09/25 14:16	10/10/25 17:30	1
13C2 8:2 FTS	62.3		40 - 275	10/09/25 14:16	10/10/25 17:30	1
13C3 HFPO-DA	95.8		40 - 130	10/09/25 14:16	10/10/25 17:30	1
d7-N-MeFOSE-M	30.2		20 - 130	10/09/25 14:16	10/10/25 17:30	1
d9-N-EtFOSE-M	28.8		15 - 130	10/09/25 14:16	10/10/25 17:30	1
d5-NEtPFOSA	44.4		10 - 130	10/09/25 14:16	10/10/25 17:30	1
d3-NMePFOSA	50.4		10 - 130	10/09/25 14:16	10/10/25 17:30	1
13C2 PFDoA	50.6		40 - 130	10/09/25 14:16	10/10/25 17:30	1

Method: SW846 6020B - Metals (ICP/MS)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Aluminum	6960		15.7	4.3	mg/Kg	☼	10/11/25 20:55	10/12/25 12:54	1
Antimony	2.5		0.79	0.11	mg/Kg	☼	10/11/25 20:55	10/12/25 12:54	1
Arsenic	8.9		0.79	0.081	mg/Kg	☼	10/11/25 20:55	10/12/25 12:54	1
Barium	36.2		1.6	0.11	mg/Kg	☼	10/11/25 20:55	10/12/25 12:54	1
Beryllium	0.55		0.31	0.017	mg/Kg	☼	10/11/25 20:55	10/12/25 12:54	1
Cadmium	0.23	J	0.79	0.089	mg/Kg	☼	10/11/25 20:55	10/12/25 12:54	1
Calcium	3140		78.7	7.7	mg/Kg	☼	10/11/25 20:55	10/12/25 12:54	1
Chromium	32.4		1.6	0.23	mg/Kg	☼	10/11/25 20:55	10/12/25 12:54	1
Cobalt	6.7		0.79	0.12	mg/Kg	☼	10/11/25 20:55	10/12/25 12:54	1
Copper	53.0		1.6	0.29	mg/Kg	☼	10/11/25 20:55	10/12/25 12:54	1
Iron	19700		47.2	6.0	mg/Kg	☼	10/11/25 20:55	10/12/25 12:54	1
Lead	96.0		0.47	0.16	mg/Kg	☼	10/11/25 20:55	10/12/25 12:54	1
Magnesium	3030		78.7	8.0	mg/Kg	☼	10/11/25 20:55	10/12/25 12:54	1
Manganese	175		3.1	0.32	mg/Kg	☼	10/11/25 20:55	10/12/25 12:54	1
Nickel	21.4		1.6	0.14	mg/Kg	☼	10/11/25 20:55	10/12/25 12:54	1
Potassium	1440		78.7	12.7	mg/Kg	☼	10/11/25 20:55	10/12/25 12:54	1
Selenium	0.53	J	0.98	0.10	mg/Kg	☼	10/11/25 20:55	10/12/25 12:54	1
Silver	0.28	J	0.31	0.070	mg/Kg	☼	10/11/25 20:55	10/12/25 12:54	1
Sodium	75.5	J	78.7	35.9	mg/Kg	☼	10/11/25 20:55	10/12/25 12:54	1
Thallium	0.071	J	0.31	0.032	mg/Kg	☼	10/11/25 20:55	10/12/25 12:54	1
Vanadium	26.6		1.6	0.16	mg/Kg	☼	10/11/25 20:55	10/12/25 12:54	1
Zinc	114		6.3	0.86	mg/Kg	☼	10/11/25 20:55	10/12/25 12:54	1

Method: SW846 7471B - Mercury (CVAA)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	0.029		0.017	0.0080	mg/Kg	☼	10/16/25 01:19	10/16/25 07:37	1

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Percent Moisture (EPA Moisture)	6.5		1.0	1.0	%			10/08/25 18:34	1
Percent Solids (EPA Moisture)	93.5		1.0	1.0	%			10/08/25 18:34	1

Client: Haley & Aldrich, Inc.
Project/Site: Former Port Mobil

Job ID: 460-336648-1

Client Sample ID: 44C_4-8
Date Collected: 10/07/25 08:25
Date Received: 10/07/25 17:15

Lab Sample ID: 460-336648-6
Matrix: Solid
Percent Solids: 93.1

Method: SW846 8270E - Semivolatile Organic Compounds (GC/MS)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1'-Biphenyl	0.35	U	0.35	0.012	mg/Kg	☼	10/08/25 20:51	10/09/25 10:58	1
1,2,4,5-Tetrachlorobenzene	0.35	U	0.35	0.011	mg/Kg	☼	10/08/25 20:51	10/09/25 10:58	1
1,4-Dioxane	0.035	U	0.035	0.031	mg/Kg	☼	10/08/25 20:51	10/09/25 10:58	1
2,2'-oxybis[1-chloropropane]	0.35	U	0.35	0.021	mg/Kg	☼	10/08/25 20:51	10/09/25 10:58	1
2,3,4,6-Tetrachlorophenol	0.35	U	0.35	0.024	mg/Kg	☼	10/08/25 20:51	10/09/25 10:58	1
2,4,5-Trichlorophenol	0.35	U	0.35	0.036	mg/Kg	☼	10/08/25 20:51	10/09/25 10:58	1
2,4,6-Trichlorophenol	0.14	U	0.14	0.045	mg/Kg	☼	10/08/25 20:51	10/09/25 10:58	1
2,4-Dichlorophenol	0.14	U	0.14	0.023	mg/Kg	☼	10/08/25 20:51	10/09/25 10:58	1
2,4-Dimethylphenol	0.35	U	0.35	0.042	mg/Kg	☼	10/08/25 20:51	10/09/25 10:58	1
2,4-Dinitrophenol	0.28	U	0.28	0.17	mg/Kg	☼	10/08/25 20:51	10/09/25 10:58	1
2,4-Dinitrotoluene	0.072	U	0.072	0.038	mg/Kg	☼	10/08/25 20:51	10/09/25 10:58	1
2,6-Dinitrotoluene	0.072	U	0.072	0.026	mg/Kg	☼	10/08/25 20:51	10/09/25 10:58	1
2-Chloronaphthalene	0.35	U	0.35	0.045	mg/Kg	☼	10/08/25 20:51	10/09/25 10:58	1
2-Chlorophenol	0.35	U	0.35	0.013	mg/Kg	☼	10/08/25 20:51	10/09/25 10:58	1
2-Methylnaphthalene	0.35	U	0.35	0.0099	mg/Kg	☼	10/08/25 20:51	10/09/25 10:58	1
2-Methylphenol	0.35	U	0.35	0.013	mg/Kg	☼	10/08/25 20:51	10/09/25 10:58	1
2-Nitroaniline	0.35	U	0.35	0.027	mg/Kg	☼	10/08/25 20:51	10/09/25 10:58	1
2-Nitrophenol	0.35	U	0.35	0.035	mg/Kg	☼	10/08/25 20:51	10/09/25 10:58	1
3 & 4 Methylphenol	0.35	U	0.35	0.022	mg/Kg	☼	10/08/25 20:51	10/09/25 10:58	1
3,3'-Dichlorobenzidine	0.14	U	0.14	0.053	mg/Kg	☼	10/08/25 20:51	10/09/25 10:58	1
3-Nitroaniline	0.35	U	0.35	0.084	mg/Kg	☼	10/08/25 20:51	10/09/25 10:58	1
4,6-Dinitro-2-methylphenol	0.28	U	0.28	0.14	mg/Kg	☼	10/08/25 20:51	10/09/25 10:58	1
4-Bromophenyl phenyl ether	0.35	U	0.35	0.014	mg/Kg	☼	10/08/25 20:51	10/09/25 10:58	1
4-Chloro-3-methylphenol	0.35	U	0.35	0.020	mg/Kg	☼	10/08/25 20:51	10/09/25 10:58	1
4-Chloroaniline	0.35	U	0.35	0.063	mg/Kg	☼	10/08/25 20:51	10/09/25 10:58	1
4-Chlorophenyl phenyl ether	0.35	U	0.35	0.012	mg/Kg	☼	10/08/25 20:51	10/09/25 10:58	1
4-Methylphenol	0.35	U	0.35	0.022	mg/Kg	☼	10/08/25 20:51	10/09/25 10:58	1
4-Nitroaniline	0.35	U	0.35	0.090	mg/Kg	☼	10/08/25 20:51	10/09/25 10:58	1
4-Nitrophenol	0.72	U	0.72	0.058	mg/Kg	☼	10/08/25 20:51	10/09/25 10:58	1
Acenaphthene	0.35	U	0.35	0.010	mg/Kg	☼	10/08/25 20:51	10/09/25 10:58	1
Acenaphthylene	0.35	U	0.35	0.010	mg/Kg	☼	10/08/25 20:51	10/09/25 10:58	1
Acetophenone	0.35	U	0.35	0.017	mg/Kg	☼	10/08/25 20:51	10/09/25 10:58	1
Anthracene	0.35	U	0.35	0.011	mg/Kg	☼	10/08/25 20:51	10/09/25 10:58	1
Atrazine	0.14	U	0.14	0.021	mg/Kg	☼	10/08/25 20:51	10/09/25 10:58	1
Benzaldehyde	0.35	U	0.35	0.059	mg/Kg	☼	10/08/25 20:51	10/09/25 10:58	1
Benzo[a]anthracene	0.035	U	0.035	0.027	mg/Kg	☼	10/08/25 20:51	10/09/25 10:58	1
Benzo[a]pyrene	0.035	U	0.035	0.0094	mg/Kg	☼	10/08/25 20:51	10/09/25 10:58	1
Benzo[b]fluoranthene	0.035	U	0.035	0.0092	mg/Kg	☼	10/08/25 20:51	10/09/25 10:58	1
Benzo[g,h,i]perylene	0.35	U	0.35	0.010	mg/Kg	☼	10/08/25 20:51	10/09/25 10:58	1
Benzo[k]fluoranthene	0.035	U	0.035	0.0069	mg/Kg	☼	10/08/25 20:51	10/09/25 10:58	1
Bis(2-chloroethoxy)methane	0.35	U	0.35	0.065	mg/Kg	☼	10/08/25 20:51	10/09/25 10:58	1
Bis(2-chloroethyl)ether	0.035	U	0.035	0.012	mg/Kg	☼	10/08/25 20:51	10/09/25 10:58	1
Bis(2-ethylhexyl) phthalate	0.35	U	0.35	0.019	mg/Kg	☼	10/08/25 20:51	10/09/25 10:58	1
Butyl benzyl phthalate	0.35	U	0.35	0.017	mg/Kg	☼	10/08/25 20:51	10/09/25 10:58	1
Caprolactam	0.35	U	0.35	0.055	mg/Kg	☼	10/08/25 20:51	10/09/25 10:58	1
Carbazole	0.35	U	0.35	0.013	mg/Kg	☼	10/08/25 20:51	10/09/25 10:58	1
Chrysene	0.35	U	0.35	0.015	mg/Kg	☼	10/08/25 20:51	10/09/25 10:58	1
Dibenz(a,h)anthracene	0.035	U	0.035	0.015	mg/Kg	☼	10/08/25 20:51	10/09/25 10:58	1
Dibenzofuran	0.35	U	0.35	0.012	mg/Kg	☼	10/08/25 20:51	10/09/25 10:58	1

Client Sample ID: 44C_4-8
Date Collected: 10/07/25 08:25
Date Received: 10/07/25 17:15

Lab Sample ID: 460-336648-6
Matrix: Solid
Percent Solids: 93.1

Method: SW846 8270E - Semivolatile Organic Compounds (GC/MS) (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Diethyl phthalate	0.35	U	0.35	0.011	mg/Kg	☼	10/08/25 20:51	10/09/25 10:58	1
Dimethyl phthalate	0.35	U	0.35	0.080	mg/Kg	☼	10/08/25 20:51	10/09/25 10:58	1
Di-n-butyl phthalate	0.35	U	0.35	0.013	mg/Kg	☼	10/08/25 20:51	10/09/25 10:58	1
Di-n-octyl phthalate	0.35	U	0.35	0.019	mg/Kg	☼	10/08/25 20:51	10/09/25 10:58	1
Fluoranthene	0.35	U	0.35	0.012	mg/Kg	☼	10/08/25 20:51	10/09/25 10:58	1
Fluorene	0.35	U	0.35	0.010	mg/Kg	☼	10/08/25 20:51	10/09/25 10:58	1
Hexachlorobenzene	0.035	U	0.035	0.017	mg/Kg	☼	10/08/25 20:51	10/09/25 10:58	1
Hexachlorobutadiene	0.072	U	0.072	0.0075	mg/Kg	☼	10/08/25 20:51	10/09/25 10:58	1
Hexachlorocyclopentadiene	0.35	U	0.35	0.031	mg/Kg	☼	10/08/25 20:51	10/09/25 10:58	1
Hexachloroethane	0.035	U	0.035	0.012	mg/Kg	☼	10/08/25 20:51	10/09/25 10:58	1
Indeno[1,2,3-cd]pyrene	0.035	U	0.035	0.014	mg/Kg	☼	10/08/25 20:51	10/09/25 10:58	1
Isophorone	0.14	U	0.14	0.10	mg/Kg	☼	10/08/25 20:51	10/09/25 10:58	1
Naphthalene	0.35	U	0.35	0.0061	mg/Kg	☼	10/08/25 20:51	10/09/25 10:58	1
Nitrobenzene	0.035	U	0.035	0.020	mg/Kg	☼	10/08/25 20:51	10/09/25 10:58	1
N-Nitrosodi-n-propylamine	0.035	U	0.035	0.026	mg/Kg	☼	10/08/25 20:51	10/09/25 10:58	1
N-Nitrosodiphenylamine	0.35	U	0.35	0.029	mg/Kg	☼	10/08/25 20:51	10/09/25 10:58	1
Pentachlorophenol	0.28	U	0.28	0.073	mg/Kg	☼	10/08/25 20:51	10/09/25 10:58	1
Phenanthrene	0.35	U	0.35	0.014	mg/Kg	☼	10/08/25 20:51	10/09/25 10:58	1
Phenol	0.35	U	0.35	0.013	mg/Kg	☼	10/08/25 20:51	10/09/25 10:58	1
Pyrene	0.35	U	0.35	0.0088	mg/Kg	☼	10/08/25 20:51	10/09/25 10:58	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
2,4,6-Tribromophenol (Surr)	*68*		*18 - 137*	*10/08/25 20:51*	*10/09/25 10:58*	*1*
2-Fluorobiphenyl	*65*		*33 - 117*	*10/08/25 20:51*	*10/09/25 10:58*	*1*
2-Fluorophenol (Surr)	*72*		*24 - 120*	*10/08/25 20:51*	*10/09/25 10:58*	*1*
Nitrobenzene-d5 (Surr)	*69*		*27 - 120*	*10/08/25 20:51*	*10/09/25 10:58*	*1*
Phenol-d5 (Surr)	*69*		*28 - 118*	*10/08/25 20:51*	*10/09/25 10:58*	*1*
Terphenyl-d14 (Surr)	*67*		*33 - 124*	*10/08/25 20:51*	*10/09/25 10:58*	*1*

Method: SW846 8081B - Organochlorine Pesticides (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
4,4'-DDD	0.0072	U	0.0072	0.0012	mg/Kg	☼	10/08/25 16:51	10/09/25 16:41	1
4,4'-DDE	0.0072	U	0.0072	0.00085	mg/Kg	☼	10/08/25 16:51	10/09/25 16:41	1
4,4'-DDT	0.0072	U	0.0072	0.0013	mg/Kg	☼	10/08/25 16:51	10/09/25 16:41	1
Aldrin	0.0072	U	0.0072	0.0011	mg/Kg	☼	10/08/25 16:51	10/09/25 16:41	1
alpha-BHC	0.0021	U	0.0021	0.00073	mg/Kg	☼	10/08/25 16:51	10/09/25 16:41	1
beta-BHC	0.0021	U	0.0021	0.00081	mg/Kg	☼	10/08/25 16:51	10/09/25 16:41	1
Chlordane (technical)	0.072	U	0.072	0.017	mg/Kg	☼	10/08/25 16:51	10/09/25 16:41	1
cis-Chlordane	0.0072	U	0.0072	0.0011	mg/Kg	☼	10/08/25 16:51	10/09/25 16:41	1
delta-BHC	0.0021	U	0.0021	0.00044	mg/Kg	☼	10/08/25 16:51	10/09/25 16:41	1
Dieldrin	0.0021	U	0.0021	0.00093	mg/Kg	☼	10/08/25 16:51	10/09/25 16:41	1
Endosulfan I	0.0072	U	0.0072	0.0011	mg/Kg	☼	10/08/25 16:51	10/09/25 16:41	1
Endosulfan II	0.0072	U	0.0072	0.0018	mg/Kg	☼	10/08/25 16:51	10/09/25 16:41	1
Endosulfan sulfate	0.0072	U	0.0072	0.00090	mg/Kg	☼	10/08/25 16:51	10/09/25 16:41	1
Endrin	0.0072	U	0.0072	0.0010	mg/Kg	☼	10/08/25 16:51	10/09/25 16:41	1
Endrin aldehyde	0.0072	U	0.0072	0.0017	mg/Kg	☼	10/08/25 16:51	10/09/25 16:41	1
Endrin ketone	0.0072	U	0.0072	0.0014	mg/Kg	☼	10/08/25 16:51	10/09/25 16:41	1
gamma-BHC (Lindane)	0.0021	U	0.0021	0.00067	mg/Kg	☼	10/08/25 16:51	10/09/25 16:41	1
Heptachlor	0.0072	U	0.0072	0.00085	mg/Kg	☼	10/08/25 16:51	10/09/25 16:41	1
Heptachlor epoxide	0.0072	U	0.0072	0.0011	mg/Kg	☼	10/08/25 16:51	10/09/25 16:41	1

Client Sample ID: 44C_4-8
Date Collected: 10/07/25 08:25
Date Received: 10/07/25 17:15

Lab Sample ID: 460-336648-6
Matrix: Solid
Percent Solids: 93.1

Method: SW846 8081B - Organochlorine Pesticides (GC) (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Methoxychlor	0.0072	U	0.0072	0.0016	mg/Kg	☼	10/08/25 16:51	10/09/25 16:41	1
Toxaphene	0.072	U	0.072	0.026	mg/Kg	☼	10/08/25 16:51	10/09/25 16:41	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
DCB Decachlorobiphenyl	*82*		*10 - 150*	*10/08/25 16:51*	*10/09/25 16:41*	*1*
DCB Decachlorobiphenyl	*101*		*10 - 150*	*10/08/25 16:51*	*10/09/25 16:41*	*1*
Tetrachloro-m-xylene	*80*		*14 - 150*	*10/08/25 16:51*	*10/09/25 16:41*	*1*
Tetrachloro-m-xylene	*81*		*14 - 150*	*10/08/25 16:51*	*10/09/25 16:41*	*1*

Method: SW846 8082A - Polychlorinated Biphenyls (PCBs) by Gas Chromatography

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Aroclor 1016	0.072	U	0.072	0.019	mg/Kg	☼	10/08/25 16:43	10/09/25 16:34	1
Aroclor 1221	0.072	U	0.072	0.019	mg/Kg	☼	10/08/25 16:43	10/09/25 16:34	1
Aroclor 1232	0.072	U	0.072	0.019	mg/Kg	☼	10/08/25 16:43	10/09/25 16:34	1
Aroclor 1242	0.072	U	0.072	0.019	mg/Kg	☼	10/08/25 16:43	10/09/25 16:34	1
Aroclor 1248	0.072	U	0.072	0.019	mg/Kg	☼	10/08/25 16:43	10/09/25 16:34	1
Aroclor 1254	0.072	U	0.072	0.019	mg/Kg	☼	10/08/25 16:43	10/09/25 16:34	1
Aroclor 1260	0.072	U	0.072	0.019	mg/Kg	☼	10/08/25 16:43	10/09/25 16:34	1
Aroclor-1262	0.072	U	0.072	0.019	mg/Kg	☼	10/08/25 16:43	10/09/25 16:34	1
Aroclor 1268	0.072	U	0.072	0.019	mg/Kg	☼	10/08/25 16:43	10/09/25 16:34	1
Polychlorinated biphenyls, Total	0.072	U	0.072	0.019	mg/Kg	☼	10/08/25 16:43	10/09/25 16:34	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
DCB Decachlorobiphenyl	*105*		*10 - 150*	*10/08/25 16:43*	*10/09/25 16:34*	*1*
DCB Decachlorobiphenyl	*127*		*10 - 150*	*10/08/25 16:43*	*10/09/25 16:34*	*1*
Tetrachloro-m-xylene	*106*		*10 - 150*	*10/08/25 16:43*	*10/09/25 16:34*	*1*
Tetrachloro-m-xylene	*105*		*10 - 150*	*10/08/25 16:43*	*10/09/25 16:34*	*1*

Method: EPA 1633A - Per- and Polyfluoroalkyl Substances by LC/MS/MS, 1633A

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Perfluorobutanoic acid (PFBA)	0.39	U	0.39	0.097	ug/Kg	☼	10/09/25 14:16	10/10/25 17:43	1
Perfluoropentanoic acid (PFPeA)	0.19	U	0.19	0.097	ug/Kg	☼	10/09/25 14:16	10/10/25 17:43	1
Perfluorohexanoic acid (PFHxA)	0.19	U	0.19	0.097	ug/Kg	☼	10/09/25 14:16	10/10/25 17:43	1
Perfluoroheptanoic acid (PFHpA)	0.19	U	0.19	0.097	ug/Kg	☼	10/09/25 14:16	10/10/25 17:43	1
Perfluorooctanoic acid (PFOA)	**0.15**	**J**	0.19	0.058	ug/Kg	☼	10/09/25 14:16	10/10/25 17:43	1
Perfluorononanoic acid (PFNA)	**0.29**		0.19	0.097	ug/Kg	☼	10/09/25 14:16	10/10/25 17:43	1
Perfluorodecanoic acid (PFDA)	**0.30**		0.19	0.058	ug/Kg	☼	10/09/25 14:16	10/10/25 17:43	1
Perfluoroundecanoic acid (PFUnA)	**1.81**		0.19	0.097	ug/Kg	☼	10/09/25 14:16	10/10/25 17:43	1
Perfluorododecanoic acid (PFDoA)	**0.55**		0.19	0.097	ug/Kg	☼	10/09/25 14:16	10/10/25 17:43	1
Perfluorotridecanoic acid (PFTrDA)	**2.48**		0.19	0.097	ug/Kg	☼	10/09/25 14:16	10/10/25 17:43	1
Perfluorotetradecanoic acid (PFTeDA)	**0.37**		0.19	0.097	ug/Kg	☼	10/09/25 14:16	10/10/25 17:43	1
Perfluorobutanesulfonic acid (PFBS)	0.19	U	0.19	0.097	ug/Kg	☼	10/09/25 14:16	10/10/25 17:43	1
Perfluoropentanesulfonic acid (PFPeS)	0.19	U	0.19	0.097	ug/Kg	☼	10/09/25 14:16	10/10/25 17:43	1
Perfluorohexanesulfonic acid (PFHxS)	0.19	U	0.19	0.097	ug/Kg	☼	10/09/25 14:16	10/10/25 17:43	1
Perfluoroheptanesulfonic acid (PFHpS)	0.19	U	0.19	0.097	ug/Kg	☼	10/09/25 14:16	10/10/25 17:43	1
Perfluorooctanesulfonic acid (PFOS)	0.19	U	0.19	0.097	ug/Kg	☼	10/09/25 14:16	10/10/25 17:43	1

Client Sample ID: 44C_4-8
Date Collected: 10/07/25 08:25
Date Received: 10/07/25 17:15

Lab Sample ID: 460-336648-6
Matrix: Solid
Percent Solids: 93.1

Method: EPA 1633A - Per- and Polyfluoroalkyl Substances by LC/MS/MS, 1633A (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Perfluorononanesulfonic acid (PFNS)	0.19	U	0.19	0.097	ug/Kg	☼	10/09/25 14:16	10/10/25 17:43	1
Perfluorodecanesulfonic acid (PFDS)	0.19	U	0.19	0.097	ug/Kg	☼	10/09/25 14:16	10/10/25 17:43	1
Perfluorododecanesulfonic acid (PFDoS)	0.19	U	0.19	0.097	ug/Kg	☼	10/09/25 14:16	10/10/25 17:43	1
1H,1H,2H,2H-Perfluorohexane sulfonic acid (4:2 FTS)	0.39	U	0.39	0.19	ug/Kg	☼	10/09/25 14:16	10/10/25 17:43	1
1H,1H,2H,2H-Perfluorooctane sulfonic acid (6:2 FTS)	**0.55**		0.39	0.19	ug/Kg	☼	10/09/25 14:16	10/10/25 17:43	1
1H,1H,2H,2H-Perfluorodecane sulfonic acid (8:2 FTS)	**2.04**		0.39	0.19	ug/Kg	☼	10/09/25 14:16	10/10/25 17:43	1
Perfluorooctanesulfonamide (PFOSA)	0.19	U	0.19	0.097	ug/Kg	☼	10/09/25 14:16	10/10/25 17:43	1
N-methylperfluorooctane sulfonamide (NMeFOSA)	0.19	U	0.19	0.097	ug/Kg	☼	10/09/25 14:16	10/10/25 17:43	1
N-ethylperfluorooctane sulfonamide (NEtFOSA)	0.19	U	0.19	0.097	ug/Kg	☼	10/09/25 14:16	10/10/25 17:43	1
N-methylperfluorooctanesulfonamidoacetic acid (NMeFOSAA)	0.19	U	0.19	0.097	ug/Kg	☼	10/09/25 14:16	10/10/25 17:43	1
N-ethylperfluorooctanesulfonamidoacetic acid (NEtFOSAA)	0.19	U	0.19	0.097	ug/Kg	☼	10/09/25 14:16	10/10/25 17:43	1
N-methylperfluorooctane sulfonamidoethanol (NMeFOSE)	0.97	U	0.97	0.48	ug/Kg	☼	10/09/25 14:16	10/10/25 17:43	1
N-ethylperfluorooctane sulfonamidoethanol (NEtFOSE)	0.97	U	0.97	0.48	ug/Kg	☼	10/09/25 14:16	10/10/25 17:43	1
Hexafluoropropylene Oxide Dimer Acid (HFPO-DA)	0.19	U	0.19	0.097	ug/Kg	☼	10/09/25 14:16	10/10/25 17:43	1
4,8-Dioxa-3H-perfluorononanoic acid (ADONA)	0.19	U	0.19	0.097	ug/Kg	☼	10/09/25 14:16	10/10/25 17:43	1
Perfluoro-3-methoxypropanoic acid (PFMPA)	0.19	U	0.19	0.097	ug/Kg	☼	10/09/25 14:16	10/10/25 17:43	1
Perfluoro-4-methoxybutanoic acid (PFMBA)	0.19	U	0.19	0.097	ug/Kg	☼	10/09/25 14:16	10/10/25 17:43	1
Nonafluoro-3,6-dioxaheptanoic acid (NFDHA)	0.19	U	0.19	0.097	ug/Kg	☼	10/09/25 14:16	10/10/25 17:43	1
9-Chlorohexadecafluoro-3-oxanonane-1-sulfonic acid (9Cl-PF3ONS)	0.19	U	0.19	0.097	ug/Kg	☼	10/09/25 14:16	10/10/25 17:43	1
11-Chloroeicosafluoro-3-oxaundecane-1-sulfonic acid (11Cl-PF3OUdS)	0.19	U	0.19	0.097	ug/Kg	☼	10/09/25 14:16	10/10/25 17:43	1
Perfluoro (2-ethoxyethane) sulfonic acid (PFEESA)	0.19	U	0.19	0.097	ug/Kg	☼	10/09/25 14:16	10/10/25 17:43	1
3-Perfluoropropylpropanoic acid (3:3 FTCA)	0.39	U	0.39	0.19	ug/Kg	☼	10/09/25 14:16	10/10/25 17:43	1
3-Perfluoropentylpropanoic acid (5:3 FTCA)	0.97	U	0.97	0.48	ug/Kg	☼	10/09/25 14:16	10/10/25 17:43	1
3-Perfluoroheptylpropanoic acid (7:3 FTCA)	**0.61**	**J**	0.97	0.48	ug/Kg	☼	10/09/25 14:16	10/10/25 17:43	1

Isotope Dilution	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
13C4 PFBA	*90.8*		*8 - 130*	*10/09/25 14:16*	*10/10/25 17:43*	*1*
13C5 PFPeA	*96.0*		*35 - 130*	*10/09/25 14:16*	*10/10/25 17:43*	*1*
13C5 PFHxA	*90.8*		*40 - 130*	*10/09/25 14:16*	*10/10/25 17:43*	*1*
13C4 PFHpA	*99.1*		*40 - 130*	*10/09/25 14:16*	*10/10/25 17:43*	*1*
13C8 PFOA	*85.7*		*40 - 130*	*10/09/25 14:16*	*10/10/25 17:43*	*1*
13C9 PFNA	*83.2*		*40 - 130*	*10/09/25 14:16*	*10/10/25 17:43*	*1*
13C6 PFDA	*75.5*		*40 - 130*	*10/09/25 14:16*	*10/10/25 17:43*	*1*
13C7 PFUnA	*57.3*		*40 - 130*	*10/09/25 14:16*	*10/10/25 17:43*	*1*

Client Sample ID: 44C_4-8
Date Collected: 10/07/25 08:25
Date Received: 10/07/25 17:15

Lab Sample ID: 460-336648-6
Matrix: Solid
Percent Solids: 93.1

Method: EPA 1633A - Per- and Polyfluoroalkyl Substances by LC/MS/MS, 1633A (Continued)

Isotope Dilution	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
13C2 PFTeDA	34.3		20 - 130	10/09/25 14:16	10/10/25 17:43	1
13C3 PFBS	84.3		40 - 135	10/09/25 14:16	10/10/25 17:43	1
13C3 PFHxS	84.5		40 - 130	10/09/25 14:16	10/10/25 17:43	1
13C8 PFOS	73.2		40 - 130	10/09/25 14:16	10/10/25 17:43	1
13C8 FOSA	68.4		40 - 130	10/09/25 14:16	10/10/25 17:43	1
d3-NMeFOSAA	46.0		40 - 135	10/09/25 14:16	10/10/25 17:43	1
d5-NEtFOSAA	41.1		40 - 150	10/09/25 14:16	10/10/25 17:43	1
13C2 4:2 FTS	93.1		40 - 165	10/09/25 14:16	10/10/25 17:43	1
13C2 6:2 FTS	80.7		40 - 215	10/09/25 14:16	10/10/25 17:43	1
13C2 8:2 FTS	70.4		40 - 275	10/09/25 14:16	10/10/25 17:43	1
13C3 HFPO-DA	101		40 - 130	10/09/25 14:16	10/10/25 17:43	1
d7-N-MeFOSE-M	24.6		20 - 130	10/09/25 14:16	10/10/25 17:43	1
d9-N-EtFOSE-M	20.6		15 - 130	10/09/25 14:16	10/10/25 17:43	1
d5-NEtPFOSA	42.4		10 - 130	10/09/25 14:16	10/10/25 17:43	1
d3-NMePFOSA	50.7		10 - 130	10/09/25 14:16	10/10/25 17:43	1
13C2 PFDoA	44.7		40 - 130	10/09/25 14:16	10/10/25 17:43	1

Method: SW846 6020B - Metals (ICP/MS)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Aluminum	5180		17.2	4.7	mg/Kg	☼	10/11/25 20:55	10/12/25 15:40	1
Antimony	3.2		0.86	0.13	mg/Kg	☼	10/11/25 20:55	10/12/25 15:40	1
Arsenic	10.6		0.86	0.089	mg/Kg	☼	10/11/25 20:55	10/12/25 15:40	1
Barium	26.6		1.7	0.12	mg/Kg	☼	10/11/25 20:55	10/12/25 15:40	1
Beryllium	0.44		0.34	0.019	mg/Kg	☼	10/11/25 20:55	10/12/25 15:40	1
Cadmium	0.38	J	0.86	0.097	mg/Kg	☼	10/11/25 20:55	10/12/25 15:40	1
Calcium	15000		85.9	8.4	mg/Kg	☼	10/11/25 20:55	10/12/25 15:40	1
Chromium	38.5		1.7	0.26	mg/Kg	☼	10/11/25 20:55	10/12/25 15:40	1
Cobalt	5.2		0.86	0.13	mg/Kg	☼	10/11/25 20:55	10/12/25 15:40	1
Copper	55.5		1.7	0.32	mg/Kg	☼	10/11/25 20:55	10/12/25 15:40	1
Iron	20300		51.6	6.6	mg/Kg	☼	10/11/25 20:55	10/12/25 15:40	1
Lead	131		0.52	0.17	mg/Kg	☼	10/11/25 20:55	10/12/25 15:40	1
Magnesium	9360		85.9	8.8	mg/Kg	☼	10/11/25 20:55	10/12/25 15:40	1
Manganese	168		3.4	0.35	mg/Kg	☼	10/11/25 20:55	10/12/25 15:40	1
Nickel	17.4		1.7	0.15	mg/Kg	☼	10/11/25 20:55	10/12/25 15:40	1
Potassium	1180		85.9	13.9	mg/Kg	☼	10/11/25 20:55	10/12/25 15:40	1
Selenium	0.32	J	1.1	0.11	mg/Kg	☼	10/11/25 20:55	10/12/25 15:40	1
Silver	0.33	J	0.34	0.076	mg/Kg	☼	10/11/25 20:55	10/12/25 15:40	1
Sodium	45.9	J	85.9	39.3	mg/Kg	☼	10/11/25 20:55	10/12/25 15:40	1
Thallium	0.065	J	0.34	0.035	mg/Kg	☼	10/11/25 20:55	10/12/25 15:40	1
Vanadium	25.1		1.7	0.18	mg/Kg	☼	10/11/25 20:55	10/12/25 15:40	1
Zinc	131		6.9	0.94	mg/Kg	☼	10/11/25 20:55	10/12/25 15:40	1

Method: SW846 7471B - Mercury (CVAA)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	0.040		0.018	0.0086	mg/Kg	☼	10/16/25 01:19	10/16/25 07:40	1

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Percent Moisture (EPA Moisture)	6.9		1.0	1.0	%			10/08/25 18:34	1
Percent Solids (EPA Moisture)	93.1		1.0	1.0	%			10/08/25 18:34	1

Client Sample ID: 44D_0-4
Date Collected: 10/07/25 08:30
Date Received: 10/07/25 17:15

Lab Sample ID: 460-336648-7
Matrix: Solid
Percent Solids: 95.2

Method: SW846 8270E - Semivolatile Organic Compounds (GC/MS)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1'-Biphenyl	0.34	U	0.34	0.012	mg/Kg	☼	10/08/25 20:51	10/09/25 11:16	1
1,2,4,5-Tetrachlorobenzene	0.34	U	0.34	0.011	mg/Kg	☼	10/08/25 20:51	10/09/25 11:16	1
1,4-Dioxane	0.034	U	0.034	0.030	mg/Kg	☼	10/08/25 20:51	10/09/25 11:16	1
2,2'-oxybis[1-chloropropane]	0.34	U	0.34	0.021	mg/Kg	☼	10/08/25 20:51	10/09/25 11:16	1
2,3,4,6-Tetrachlorophenol	0.34	U	0.34	0.023	mg/Kg	☼	10/08/25 20:51	10/09/25 11:16	1
2,4,5-Trichlorophenol	0.34	U	0.34	0.035	mg/Kg	☼	10/08/25 20:51	10/09/25 11:16	1
2,4,6-Trichlorophenol	0.14	U	0.14	0.044	mg/Kg	☼	10/08/25 20:51	10/09/25 11:16	1
2,4-Dichlorophenol	0.14	U	0.14	0.022	mg/Kg	☼	10/08/25 20:51	10/09/25 11:16	1
2,4-Dimethylphenol	0.34	U	0.34	0.041	mg/Kg	☼	10/08/25 20:51	10/09/25 11:16	1
2,4-Dinitrophenol	0.28	U	0.28	0.17	mg/Kg	☼	10/08/25 20:51	10/09/25 11:16	1
2,4-Dinitrotoluene	0.070	U	0.070	0.037	mg/Kg	☼	10/08/25 20:51	10/09/25 11:16	1
2,6-Dinitrotoluene	0.070	U	0.070	0.025	mg/Kg	☼	10/08/25 20:51	10/09/25 11:16	1
2-Chloronaphthalene	0.34	U	0.34	0.044	mg/Kg	☼	10/08/25 20:51	10/09/25 11:16	1
2-Chlorophenol	0.34	U	0.34	0.012	mg/Kg	☼	10/08/25 20:51	10/09/25 11:16	1
2-Methylnaphthalene	0.34	U	0.34	0.0096	mg/Kg	☼	10/08/25 20:51	10/09/25 11:16	1
2-Methylphenol	0.34	U	0.34	0.013	mg/Kg	☼	10/08/25 20:51	10/09/25 11:16	1
2-Nitroaniline	0.34	U	0.34	0.026	mg/Kg	☼	10/08/25 20:51	10/09/25 11:16	1
2-Nitrophenol	0.34	U	0.34	0.034	mg/Kg	☼	10/08/25 20:51	10/09/25 11:16	1
3 & 4 Methylphenol	0.34	U	0.34	0.021	mg/Kg	☼	10/08/25 20:51	10/09/25 11:16	1
3,3'-Dichlorobenzidine	0.14	U	0.14	0.052	mg/Kg	☼	10/08/25 20:51	10/09/25 11:16	1
3-Nitroaniline	0.34	U	0.34	0.082	mg/Kg	☼	10/08/25 20:51	10/09/25 11:16	1
4,6-Dinitro-2-methylphenol	0.28	U	0.28	0.14	mg/Kg	☼	10/08/25 20:51	10/09/25 11:16	1
4-Bromophenyl phenyl ether	0.34	U	0.34	0.014	mg/Kg	☼	10/08/25 20:51	10/09/25 11:16	1
4-Chloro-3-methylphenol	0.34	U	0.34	0.019	mg/Kg	☼	10/08/25 20:51	10/09/25 11:16	1
4-Chloroaniline	0.34	U	0.34	0.061	mg/Kg	☼	10/08/25 20:51	10/09/25 11:16	1
4-Chlorophenyl phenyl ether	0.34	U	0.34	0.012	mg/Kg	☼	10/08/25 20:51	10/09/25 11:16	1
4-Methylphenol	0.34	U	0.34	0.021	mg/Kg	☼	10/08/25 20:51	10/09/25 11:16	1
4-Nitroaniline	0.34	U	0.34	0.087	mg/Kg	☼	10/08/25 20:51	10/09/25 11:16	1
4-Nitrophenol	0.70	U	0.70	0.056	mg/Kg	☼	10/08/25 20:51	10/09/25 11:16	1
Acenaphthene	0.34	U	0.34	0.0098	mg/Kg	☼	10/08/25 20:51	10/09/25 11:16	1
Acenaphthylene	0.34	U	0.34	0.0098	mg/Kg	☼	10/08/25 20:51	10/09/25 11:16	1
Acetophenone	0.34	U	0.34	0.017	mg/Kg	☼	10/08/25 20:51	10/09/25 11:16	1
Anthracene	0.34	U	0.34	0.010	mg/Kg	☼	10/08/25 20:51	10/09/25 11:16	1
Atrazine	0.14	U	0.14	0.020	mg/Kg	☼	10/08/25 20:51	10/09/25 11:16	1
Benzaldehyde	0.34	U	0.34	0.057	mg/Kg	☼	10/08/25 20:51	10/09/25 11:16	1
Benzo[a]anthracene	0.034	U	0.034	0.026	mg/Kg	☼	10/08/25 20:51	10/09/25 11:16	1
Benzo[a]pyrene	0.034	U	0.034	0.0092	mg/Kg	☼	10/08/25 20:51	10/09/25 11:16	1
Benzo[b]fluoranthene	0.034	U	0.034	0.0089	mg/Kg	☼	10/08/25 20:51	10/09/25 11:16	1
Benzo[g,h,i]perylene	0.34	U	0.34	0.010	mg/Kg	☼	10/08/25 20:51	10/09/25 11:16	1
Benzo[k]fluoranthene	0.034	U	0.034	0.0067	mg/Kg	☼	10/08/25 20:51	10/09/25 11:16	1
Bis(2-chloroethoxy)methane	0.34	U	0.34	0.063	mg/Kg	☼	10/08/25 20:51	10/09/25 11:16	1
Bis(2-chloroethyl)ether	0.034	U	0.034	0.012	mg/Kg	☼	10/08/25 20:51	10/09/25 11:16	1
Bis(2-ethylhexyl) phthalate	0.34	U	0.34	0.018	mg/Kg	☼	10/08/25 20:51	10/09/25 11:16	1
Butyl benzyl phthalate	0.34	U	0.34	0.016	mg/Kg	☼	10/08/25 20:51	10/09/25 11:16	1
Caprolactam	0.34	U	0.34	0.054	mg/Kg	☼	10/08/25 20:51	10/09/25 11:16	1
Carbazole	0.34	U	0.34	0.013	mg/Kg	☼	10/08/25 20:51	10/09/25 11:16	1
Chrysene	0.34	U	0.34	0.014	mg/Kg	☼	10/08/25 20:51	10/09/25 11:16	1
Dibenz(a,h)anthracene	0.034	U	0.034	0.015	mg/Kg	☼	10/08/25 20:51	10/09/25 11:16	1
Dibenzofuran	0.34	U	0.34	0.011	mg/Kg	☼	10/08/25 20:51	10/09/25 11:16	1

Client Sample ID: 44D_0-4
Date Collected: 10/07/25 08:30
Date Received: 10/07/25 17:15

Lab Sample ID: 460-336648-7
Matrix: Solid
Percent Solids: 95.2

Method: SW846 8270E - Semivolatile Organic Compounds (GC/MS) (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Diethyl phthalate	0.34	U	0.34	0.011	mg/Kg	☼	10/08/25 20:51	10/09/25 11:16	1
Dimethyl phthalate	0.34	U	0.34	0.078	mg/Kg	☼	10/08/25 20:51	10/09/25 11:16	1
Di-n-butyl phthalate	0.34	U	0.34	0.013	mg/Kg	☼	10/08/25 20:51	10/09/25 11:16	1
Di-n-octyl phthalate	0.34	U	0.34	0.018	mg/Kg	☼	10/08/25 20:51	10/09/25 11:16	1
Fluoranthene	0.34	U	0.34	0.012	mg/Kg	☼	10/08/25 20:51	10/09/25 11:16	1
Fluorene	0.34	U	0.34	0.010	mg/Kg	☼	10/08/25 20:51	10/09/25 11:16	1
Hexachlorobenzene	0.034	U	0.034	0.016	mg/Kg	☼	10/08/25 20:51	10/09/25 11:16	1
Hexachlorobutadiene	0.070	U	0.070	0.0073	mg/Kg	☼	10/08/25 20:51	10/09/25 11:16	1
Hexachlorocyclopentadiene	0.34	U	0.34	0.030	mg/Kg	☼	10/08/25 20:51	10/09/25 11:16	1
Hexachloroethane	0.034	U	0.034	0.012	mg/Kg	☼	10/08/25 20:51	10/09/25 11:16	1
Indeno[1,2,3-cd]pyrene	0.034	U	0.034	0.013	mg/Kg	☼	10/08/25 20:51	10/09/25 11:16	1
Isophorone	0.14	U	0.14	0.099	mg/Kg	☼	10/08/25 20:51	10/09/25 11:16	1
Naphthalene	0.34	U	0.34	0.0059	mg/Kg	☼	10/08/25 20:51	10/09/25 11:16	1
Nitrobenzene	0.034	U	0.034	0.019	mg/Kg	☼	10/08/25 20:51	10/09/25 11:16	1
N-Nitrosodi-n-propylamine	0.034	U	0.034	0.025	mg/Kg	☼	10/08/25 20:51	10/09/25 11:16	1
N-Nitrosodiphenylamine	0.34	U	0.34	0.028	mg/Kg	☼	10/08/25 20:51	10/09/25 11:16	1
Pentachlorophenol	0.28	U	0.28	0.070	mg/Kg	☼	10/08/25 20:51	10/09/25 11:16	1
Phenanthrene	0.34	U	0.34	0.014	mg/Kg	☼	10/08/25 20:51	10/09/25 11:16	1
Phenol	0.34	U	0.34	0.013	mg/Kg	☼	10/08/25 20:51	10/09/25 11:16	1
Pyrene	0.34	U	0.34	0.0085	mg/Kg	☼	10/08/25 20:51	10/09/25 11:16	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
2,4,6-Tribromophenol (Surr)	*60*		*18 - 137*	*10/08/25 20:51*	*10/09/25 11:16*	*1*
2-Fluorobiphenyl	*58*		*33 - 117*	*10/08/25 20:51*	*10/09/25 11:16*	*1*
2-Fluorophenol (Surr)	*66*		*24 - 120*	*10/08/25 20:51*	*10/09/25 11:16*	*1*
Nitrobenzene-d5 (Surr)	*61*		*27 - 120*	*10/08/25 20:51*	*10/09/25 11:16*	*1*
Phenol-d5 (Surr)	*61*		*28 - 118*	*10/08/25 20:51*	*10/09/25 11:16*	*1*
Terphenyl-d14 (Surr)	*61*		*33 - 124*	*10/08/25 20:51*	*10/09/25 11:16*	*1*

Method: SW846 8081B - Organochlorine Pesticides (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
4,4'-DDD	0.0070	U	0.0070	0.0012	mg/Kg	☼	10/08/25 16:51	10/09/25 16:53	1
4,4'-DDE	0.0070	U	0.0070	0.00083	mg/Kg	☼	10/08/25 16:51	10/09/25 16:53	1
4,4'-DDT	0.0070	U	0.0070	0.0013	mg/Kg	☼	10/08/25 16:51	10/09/25 16:53	1
Aldrin	0.0070	U	0.0070	0.0011	mg/Kg	☼	10/08/25 16:51	10/09/25 16:53	1
alpha-BHC	0.0021	U	0.0021	0.00071	mg/Kg	☼	10/08/25 16:51	10/09/25 16:53	1
beta-BHC	0.0021	U	0.0021	0.00079	mg/Kg	☼	10/08/25 16:51	10/09/25 16:53	1
Chlordane (technical)	0.070	U	0.070	0.017	mg/Kg	☼	10/08/25 16:51	10/09/25 16:53	1
cis-Chlordane	0.0070	U	0.0070	0.0011	mg/Kg	☼	10/08/25 16:51	10/09/25 16:53	1
delta-BHC	0.0021	U	0.0021	0.00043	mg/Kg	☼	10/08/25 16:51	10/09/25 16:53	1
Dieldrin	0.0021	U	0.0021	0.00091	mg/Kg	☼	10/08/25 16:51	10/09/25 16:53	1
Endosulfan I	0.0070	U	0.0070	0.0011	mg/Kg	☼	10/08/25 16:51	10/09/25 16:53	1
Endosulfan II	0.0070	U	0.0070	0.0018	mg/Kg	☼	10/08/25 16:51	10/09/25 16:53	1
Endosulfan sulfate	0.0070	U	0.0070	0.00088	mg/Kg	☼	10/08/25 16:51	10/09/25 16:53	1
Endrin	0.0070	U	0.0070	0.0010	mg/Kg	☼	10/08/25 16:51	10/09/25 16:53	1
Endrin aldehyde	0.0070	U	0.0070	0.0017	mg/Kg	☼	10/08/25 16:51	10/09/25 16:53	1
Endrin ketone	0.0070	U	0.0070	0.0014	mg/Kg	☼	10/08/25 16:51	10/09/25 16:53	1
gamma-BHC (Lindane)	0.0021	U	0.0021	0.00065	mg/Kg	☼	10/08/25 16:51	10/09/25 16:53	1
Heptachlor	0.0070	U	0.0070	0.00083	mg/Kg	☼	10/08/25 16:51	10/09/25 16:53	1
Heptachlor epoxide	0.0070	U	0.0070	0.0011	mg/Kg	☼	10/08/25 16:51	10/09/25 16:53	1

Client Sample ID: 44D_0-4
Date Collected: 10/07/25 08:30
Date Received: 10/07/25 17:15

Lab Sample ID: 460-336648-7
Matrix: Solid
Percent Solids: 95.2

Method: SW846 8081B - Organochlorine Pesticides (GC) (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Methoxychlor	0.0070	U	0.0070	0.0016	mg/Kg	☼	10/08/25 16:51	10/09/25 16:53	1
Toxaphene	0.070	U	0.070	0.025	mg/Kg	☼	10/08/25 16:51	10/09/25 16:53	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
DCB Decachlorobiphenyl	*91*		*10 - 150*	*10/08/25 16:51*	*10/09/25 16:53*	*1*
DCB Decachlorobiphenyl	*116*		*10 - 150*	*10/08/25 16:51*	*10/09/25 16:53*	*1*
Tetrachloro-m-xylene	*88*		*14 - 150*	*10/08/25 16:51*	*10/09/25 16:53*	*1*
Tetrachloro-m-xylene	*91*		*14 - 150*	*10/08/25 16:51*	*10/09/25 16:53*	*1*

Method: SW846 8082A - Polychlorinated Biphenyls (PCBs) by Gas Chromatography

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Aroclor 1016	0.070	U	0.070	0.019	mg/Kg	☼	10/08/25 16:43	10/09/25 16:56	1
Aroclor 1221	0.070	U	0.070	0.019	mg/Kg	☼	10/08/25 16:43	10/09/25 16:56	1
Aroclor 1232	0.070	U	0.070	0.019	mg/Kg	☼	10/08/25 16:43	10/09/25 16:56	1
Aroclor 1242	0.070	U	0.070	0.019	mg/Kg	☼	10/08/25 16:43	10/09/25 16:56	1
Aroclor 1248	0.070	U	0.070	0.019	mg/Kg	☼	10/08/25 16:43	10/09/25 16:56	1
Aroclor 1254	0.070	U	0.070	0.019	mg/Kg	☼	10/08/25 16:43	10/09/25 16:56	1
Aroclor 1260	0.070	U	0.070	0.019	mg/Kg	☼	10/08/25 16:43	10/09/25 16:56	1
Aroclor-1262	0.070	U	0.070	0.019	mg/Kg	☼	10/08/25 16:43	10/09/25 16:56	1
Aroclor 1268	0.070	U	0.070	0.019	mg/Kg	☼	10/08/25 16:43	10/09/25 16:56	1
Polychlorinated biphenyls, Total	0.070	U	0.070	0.019	mg/Kg	☼	10/08/25 16:43	10/09/25 16:56	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
DCB Decachlorobiphenyl	*119*		*10 - 150*	*10/08/25 16:43*	*10/09/25 16:56*	*1*
DCB Decachlorobiphenyl	*141*		*10 - 150*	*10/08/25 16:43*	*10/09/25 16:56*	*1*
Tetrachloro-m-xylene	*122*		*10 - 150*	*10/08/25 16:43*	*10/09/25 16:56*	*1*
Tetrachloro-m-xylene	*119*		*10 - 150*	*10/08/25 16:43*	*10/09/25 16:56*	*1*

Method: EPA 1633A - Per- and Polyfluoroalkyl Substances by LC/MS/MS, 1633A

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Perfluorobutanoic acid (PFBA)	0.39	U	0.39	0.097	ug/Kg	☼	10/09/25 14:16	10/10/25 17:57	1
Perfluoropentanoic acid (PFPeA)	0.19	U	0.19	0.097	ug/Kg	☼	10/09/25 14:16	10/10/25 17:57	1
Perfluorohexanoic acid (PFHxA)	0.19	U	0.19	0.097	ug/Kg	☼	10/09/25 14:16	10/10/25 17:57	1
Perfluoroheptanoic acid (PFHpA)	0.19	U	0.19	0.097	ug/Kg	☼	10/09/25 14:16	10/10/25 17:57	1
Perfluorooctanoic acid (PFOA)	**0.16**	**J**	0.19	0.058	ug/Kg	☼	10/09/25 14:16	10/10/25 17:57	1
Perfluorononanoic acid (PFNA)	**0.41**		0.19	0.097	ug/Kg	☼	10/09/25 14:16	10/10/25 17:57	1
Perfluorodecanoic acid (PFDA)	**0.55**		0.19	0.058	ug/Kg	☼	10/09/25 14:16	10/10/25 17:57	1
Perfluoroundecanoic acid (PFUnA)	**4.79**		0.19	0.097	ug/Kg	☼	10/09/25 14:16	10/10/25 17:57	1
Perfluorododecanoic acid (PFDoA)	**0.52**		0.19	0.097	ug/Kg	☼	10/09/25 14:16	10/10/25 17:57	1
Perfluorotridecanoic acid (PFTrDA)	**1.48**		0.19	0.097	ug/Kg	☼	10/09/25 14:16	10/10/25 17:57	1
Perfluorotetradecanoic acid (PFTeDA)	**0.17**	**J**	0.19	0.097	ug/Kg	☼	10/09/25 14:16	10/10/25 17:57	1
Perfluorobutanesulfonic acid (PFBS)	0.19	U	0.19	0.097	ug/Kg	☼	10/09/25 14:16	10/10/25 17:57	1
Perfluoropentanesulfonic acid (PFPeS)	0.19	U	0.19	0.097	ug/Kg	☼	10/09/25 14:16	10/10/25 17:57	1
Perfluorohexanesulfonic acid (PFHxS)	0.19	U	0.19	0.097	ug/Kg	☼	10/09/25 14:16	10/10/25 17:57	1
Perfluoroheptanesulfonic acid (PFHpS)	0.19	U	0.19	0.097	ug/Kg	☼	10/09/25 14:16	10/10/25 17:57	1
Perfluorooctanesulfonic acid (PFOS)	0.19	U	0.19	0.097	ug/Kg	☼	10/09/25 14:16	10/10/25 17:57	1

Client Sample ID: 44D_0-4
Date Collected: 10/07/25 08:30
Date Received: 10/07/25 17:15

Lab Sample ID: 460-336648-7
Matrix: Solid
Percent Solids: 95.2

Method: EPA 1633A - Per- and Polyfluoroalkyl Substances by LC/MS/MS, 1633A (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Perfluorononanesulfonic acid (PFNS)	0.19	U	0.19	0.097	ug/Kg	☼	10/09/25 14:16	10/10/25 17:57	1
Perfluorodecanesulfonic acid (PFDS)	0.19	U	0.19	0.097	ug/Kg	☼	10/09/25 14:16	10/10/25 17:57	1
Perfluorododecanesulfonic acid (PFDoS)	0.19	U	0.19	0.097	ug/Kg	☼	10/09/25 14:16	10/10/25 17:57	1
1H,1H,2H,2H-Perfluorohexane sulfonic acid (4:2 FTS)	0.39	U	0.39	0.19	ug/Kg	☼	10/09/25 14:16	10/10/25 17:57	1
1H,1H,2H,2H-Perfluorooctane sulfonic acid (6:2 FTS)	0.39	U	0.39	0.19	ug/Kg	☼	10/09/25 14:16	10/10/25 17:57	1
1H,1H,2H,2H-Perfluorodecane sulfonic acid (8:2 FTS)	**0.85**		0.39	0.19	ug/Kg	☼	10/09/25 14:16	10/10/25 17:57	1
Perfluorooctanesulfonamide (PFOSA)	0.19	U	0.19	0.097	ug/Kg	☼	10/09/25 14:16	10/10/25 17:57	1
N-methylperfluorooctane sulfonamide (NMeFOSA)	0.19	U	0.19	0.097	ug/Kg	☼	10/09/25 14:16	10/10/25 17:57	1
N-ethylperfluorooctane sulfonamide (NEtFOSA)	0.19	U	0.19	0.097	ug/Kg	☼	10/09/25 14:16	10/10/25 17:57	1
N-methylperfluorooctanesulfonamidoacetic acid (NMeFOSAA)	0.19	U	0.19	0.097	ug/Kg	☼	10/09/25 14:16	10/10/25 17:57	1
N-ethylperfluorooctanesulfonamidoacetic acid (NEtFOSAA)	0.19	U	0.19	0.097	ug/Kg	☼	10/09/25 14:16	10/10/25 17:57	1
N-methylperfluorooctane sulfonamidoethanol (NMeFOSE)	0.97	U	0.97	0.49	ug/Kg	☼	10/09/25 14:16	10/10/25 17:57	1
N-ethylperfluorooctane sulfonamidoethanol (NEtFOSE)	0.97	U	0.97	0.49	ug/Kg	☼	10/09/25 14:16	10/10/25 17:57	1
Hexafluoropropylene Oxide Dimer Acid (HFPO-DA)	0.19	U	0.19	0.097	ug/Kg	☼	10/09/25 14:16	10/10/25 17:57	1
4,8-Dioxa-3H-perfluorononanoic acid (ADONA)	0.19	U	0.19	0.097	ug/Kg	☼	10/09/25 14:16	10/10/25 17:57	1
Perfluoro-3-methoxypropanoic acid (PFMPA)	0.19	U	0.19	0.097	ug/Kg	☼	10/09/25 14:16	10/10/25 17:57	1
Perfluoro-4-methoxybutanoic acid (PFMBA)	0.19	U	0.19	0.097	ug/Kg	☼	10/09/25 14:16	10/10/25 17:57	1
Nonafluoro-3,6-dioxaheptanoic acid (NFDHA)	0.19	U	0.19	0.097	ug/Kg	☼	10/09/25 14:16	10/10/25 17:57	1
9-Chlorohexadecafluoro-3-oxanonane-1-sulfonic acid (9Cl-PF3ONS)	0.19	U	0.19	0.097	ug/Kg	☼	10/09/25 14:16	10/10/25 17:57	1
11-Chloroeicosafluoro-3-oxaundecane-1-sulfonic acid (11Cl-PF3OUdS)	0.19	U	0.19	0.097	ug/Kg	☼	10/09/25 14:16	10/10/25 17:57	1
Perfluoro (2-ethoxyethane) sulfonic acid (PFEESA)	0.19	U	0.19	0.097	ug/Kg	☼	10/09/25 14:16	10/10/25 17:57	1
3-Perfluoropropylpropanoic acid (3:3 FTCA)	0.39	U	0.39	0.19	ug/Kg	☼	10/09/25 14:16	10/10/25 17:57	1
3-Perfluoropentylpropanoic acid (5:3 FTCA)	0.97	U	0.97	0.49	ug/Kg	☼	10/09/25 14:16	10/10/25 17:57	1
3-Perfluoroheptylpropanoic acid (7:3 FTCA)	**0.72**	**J**	0.97	0.49	ug/Kg	☼	10/09/25 14:16	10/10/25 17:57	1

Isotope Dilution	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
13C4 PFBA	*92.2*		*8 - 130*	*10/09/25 14:16*	*10/10/25 17:57*	*1*
13C5 PFPeA	*95.2*		*35 - 130*	*10/09/25 14:16*	*10/10/25 17:57*	*1*
13C5 PFHxA	*90.8*		*40 - 130*	*10/09/25 14:16*	*10/10/25 17:57*	*1*
13C4 PFHpA	*103*		*40 - 130*	*10/09/25 14:16*	*10/10/25 17:57*	*1*
13C8 PFOA	*90.6*		*40 - 130*	*10/09/25 14:16*	*10/10/25 17:57*	*1*
13C9 PFNA	*92.0*		*40 - 130*	*10/09/25 14:16*	*10/10/25 17:57*	*1*
13C6 PFDA	*89.3*		*40 - 130*	*10/09/25 14:16*	*10/10/25 17:57*	*1*
13C7 PFUnA	*68.2*		*40 - 130*	*10/09/25 14:16*	*10/10/25 17:57*	*1*

Client Sample ID: 44D_0-4
Date Collected: 10/07/25 08:30
Date Received: 10/07/25 17:15

Lab Sample ID: 460-336648-7
Matrix: Solid
Percent Solids: 95.2

Method: EPA 1633A - Per- and Polyfluoroalkyl Substances by LC/MS/MS, 1633A (Continued)

Isotope Dilution	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
13C2 PFTeDA	44.5		20 - 130	10/09/25 14:16	10/10/25 17:57	1
13C3 PFBS	88.5		40 - 135	10/09/25 14:16	10/10/25 17:57	1
13C3 PFHxS	89.1		40 - 130	10/09/25 14:16	10/10/25 17:57	1
13C8 PFOS	78.9		40 - 130	10/09/25 14:16	10/10/25 17:57	1
13C8 FOSA	77.7		40 - 130	10/09/25 14:16	10/10/25 17:57	1
d3-NMeFOSAA	61.6		40 - 135	10/09/25 14:16	10/10/25 17:57	1
d5-NEtFOSAA	58.7		40 - 150	10/09/25 14:16	10/10/25 17:57	1
13C2 4:2 FTS	91.9		40 - 165	10/09/25 14:16	10/10/25 17:57	1
13C2 6:2 FTS	91.7		40 - 215	10/09/25 14:16	10/10/25 17:57	1
13C2 8:2 FTS	78.3		40 - 275	10/09/25 14:16	10/10/25 17:57	1
13C3 HFPO-DA	105		40 - 130	10/09/25 14:16	10/10/25 17:57	1
d7-N-MeFOSE-M	35.2		20 - 130	10/09/25 14:16	10/10/25 17:57	1
d9-N-EtFOSE-M	26.6		15 - 130	10/09/25 14:16	10/10/25 17:57	1
d5-NEtPFOSA	49.2		10 - 130	10/09/25 14:16	10/10/25 17:57	1
d3-NMePFOSA	57.5		10 - 130	10/09/25 14:16	10/10/25 17:57	1
13C2 PFDoA	55.7		40 - 130	10/09/25 14:16	10/10/25 17:57	1

Method: SW846 6020B - Metals (ICP/MS)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Aluminum	6090		16.3	4.5	mg/Kg	☼	10/11/25 20:55	10/12/25 13:05	1
Antimony	2.8		0.81	0.12	mg/Kg	☼	10/11/25 20:55	10/12/25 13:05	1
Arsenic	10.3		0.81	0.084	mg/Kg	☼	10/11/25 20:55	10/12/25 13:05	1
Barium	39.3		1.6	0.12	mg/Kg	☼	10/11/25 20:55	10/12/25 13:05	1
Beryllium	0.60		0.33	0.018	mg/Kg	☼	10/11/25 20:55	10/12/25 13:05	1
Cadmium	0.34	J	0.81	0.092	mg/Kg	☼	10/11/25 20:55	10/12/25 13:05	1
Calcium	4830		81.4	7.9	mg/Kg	☼	10/11/25 20:55	10/12/25 13:05	1
Chromium	25.5		1.6	0.24	mg/Kg	☼	10/11/25 20:55	10/12/25 13:05	1
Cobalt	5.5		0.81	0.12	mg/Kg	☼	10/11/25 20:55	10/12/25 13:05	1
Copper	52.2		1.6	0.30	mg/Kg	☼	10/11/25 20:55	10/12/25 13:05	1
Iron	20900		48.8	6.2	mg/Kg	☼	10/11/25 20:55	10/12/25 13:05	1
Lead	96.5		0.49	0.16	mg/Kg	☼	10/11/25 20:55	10/12/25 13:05	1
Magnesium	3930		81.4	8.3	mg/Kg	☼	10/11/25 20:55	10/12/25 13:05	1
Manganese	202		3.3	0.33	mg/Kg	☼	10/11/25 20:55	10/12/25 13:05	1
Nickel	14.2		1.6	0.14	mg/Kg	☼	10/11/25 20:55	10/12/25 13:05	1
Potassium	1320		81.4	13.2	mg/Kg	☼	10/11/25 20:55	10/12/25 13:05	1
Selenium	0.33	J	1.0	0.10	mg/Kg	☼	10/11/25 20:55	10/12/25 13:05	1
Silver	0.34		0.33	0.072	mg/Kg	☼	10/11/25 20:55	10/12/25 13:05	1
Sodium	65.5	J	81.4	37.2	mg/Kg	☼	10/11/25 20:55	10/12/25 13:05	1
Thallium	0.075	J	0.33	0.033	mg/Kg	☼	10/11/25 20:55	10/12/25 13:05	1
Vanadium	27.9		1.6	0.17	mg/Kg	☼	10/11/25 20:55	10/12/25 13:05	1
Zinc	80.8		6.5	0.89	mg/Kg	☼	10/11/25 20:55	10/12/25 13:05	1

Method: SW846 7471B - Mercury (CVAA)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	0.039		0.018	0.0084	mg/Kg	☼	10/16/25 01:19	10/16/25 07:43	1

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Percent Moisture (EPA Moisture)	4.8		1.0	1.0	%			10/08/25 18:34	1
Percent Solids (EPA Moisture)	95.2		1.0	1.0	%			10/08/25 18:34	1

Client: Haley & Aldrich, Inc.
Project/Site: Former Port Mobil

Job ID: 460-336648-1

Client Sample ID: 44D_4-8
Date Collected: 10/07/25 08:35
Date Received: 10/07/25 17:15

Lab Sample ID: 460-336648-8
Matrix: Solid
Percent Solids: 93.0

Method: SW846 8270E - Semivolatile Organic Compounds (GC/MS)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1'-Biphenyl	0.35	U	0.35	0.012	mg/Kg	☼	10/08/25 20:51	10/09/25 11:33	1
1,2,4,5-Tetrachlorobenzene	0.35	U	0.35	0.011	mg/Kg	☼	10/08/25 20:51	10/09/25 11:33	1
1,4-Dioxane	0.035	U	0.035	0.031	mg/Kg	☼	10/08/25 20:51	10/09/25 11:33	1
2,2'-oxybis[1-chloropropane]	0.35	U	0.35	0.021	mg/Kg	☼	10/08/25 20:51	10/09/25 11:33	1
2,3,4,6-Tetrachlorophenol	0.35	U	0.35	0.024	mg/Kg	☼	10/08/25 20:51	10/09/25 11:33	1
2,4,5-Trichlorophenol	0.35	U	0.35	0.036	mg/Kg	☼	10/08/25 20:51	10/09/25 11:33	1
2,4,6-Trichlorophenol	0.14	U	0.14	0.045	mg/Kg	☼	10/08/25 20:51	10/09/25 11:33	1
2,4-Dichlorophenol	0.14	U	0.14	0.023	mg/Kg	☼	10/08/25 20:51	10/09/25 11:33	1
2,4-Dimethylphenol	0.35	U	0.35	0.042	mg/Kg	☼	10/08/25 20:51	10/09/25 11:33	1
2,4-Dinitrophenol	0.28	U	0.28	0.17	mg/Kg	☼	10/08/25 20:51	10/09/25 11:33	1
2,4-Dinitrotoluene	0.072	U	0.072	0.038	mg/Kg	☼	10/08/25 20:51	10/09/25 11:33	1
2,6-Dinitrotoluene	0.072	U	0.072	0.026	mg/Kg	☼	10/08/25 20:51	10/09/25 11:33	1
2-Chloronaphthalene	0.35	U	0.35	0.045	mg/Kg	☼	10/08/25 20:51	10/09/25 11:33	1
2-Chlorophenol	0.35	U	0.35	0.013	mg/Kg	☼	10/08/25 20:51	10/09/25 11:33	1
2-Methylnaphthalene	0.35	U	0.35	0.0099	mg/Kg	☼	10/08/25 20:51	10/09/25 11:33	1
2-Methylphenol	0.35	U	0.35	0.013	mg/Kg	☼	10/08/25 20:51	10/09/25 11:33	1
2-Nitroaniline	0.35	U	0.35	0.027	mg/Kg	☼	10/08/25 20:51	10/09/25 11:33	1
2-Nitrophenol	0.35	U	0.35	0.035	mg/Kg	☼	10/08/25 20:51	10/09/25 11:33	1
3 & 4 Methylphenol	0.35	U	0.35	0.022	mg/Kg	☼	10/08/25 20:51	10/09/25 11:33	1
3,3'-Dichlorobenzidine	0.14	U	0.14	0.053	mg/Kg	☼	10/08/25 20:51	10/09/25 11:33	1
3-Nitroaniline	0.35	U	0.35	0.084	mg/Kg	☼	10/08/25 20:51	10/09/25 11:33	1
4,6-Dinitro-2-methylphenol	0.28	U	0.28	0.14	mg/Kg	☼	10/08/25 20:51	10/09/25 11:33	1
4-Bromophenyl phenyl ether	0.35	U	0.35	0.014	mg/Kg	☼	10/08/25 20:51	10/09/25 11:33	1
4-Chloro-3-methylphenol	0.35	U	0.35	0.020	mg/Kg	☼	10/08/25 20:51	10/09/25 11:33	1
4-Chloroaniline	0.35	U	0.35	0.063	mg/Kg	☼	10/08/25 20:51	10/09/25 11:33	1
4-Chlorophenyl phenyl ether	0.35	U	0.35	0.012	mg/Kg	☼	10/08/25 20:51	10/09/25 11:33	1
4-Methylphenol	0.35	U	0.35	0.022	mg/Kg	☼	10/08/25 20:51	10/09/25 11:33	1
4-Nitroaniline	0.35	U	0.35	0.090	mg/Kg	☼	10/08/25 20:51	10/09/25 11:33	1
4-Nitrophenol	0.72	U	0.72	0.058	mg/Kg	☼	10/08/25 20:51	10/09/25 11:33	1
Acenaphthene	0.35	U	0.35	0.010	mg/Kg	☼	10/08/25 20:51	10/09/25 11:33	1
Acenaphthylene	0.35	U	0.35	0.010	mg/Kg	☼	10/08/25 20:51	10/09/25 11:33	1
Acetophenone	0.35	U	0.35	0.017	mg/Kg	☼	10/08/25 20:51	10/09/25 11:33	1
Anthracene	0.35	U	0.35	0.011	mg/Kg	☼	10/08/25 20:51	10/09/25 11:33	1
Atrazine	0.14	U	0.14	0.021	mg/Kg	☼	10/08/25 20:51	10/09/25 11:33	1
Benzaldehyde	0.35	U	0.35	0.058	mg/Kg	☼	10/08/25 20:51	10/09/25 11:33	1
Benzo[a]anthracene	0.035	U	0.035	0.027	mg/Kg	☼	10/08/25 20:51	10/09/25 11:33	1
Benzo[a]pyrene	0.035	U	0.035	0.0094	mg/Kg	☼	10/08/25 20:51	10/09/25 11:33	1
Benzo[b]fluoranthene	0.035	U	0.035	0.0091	mg/Kg	☼	10/08/25 20:51	10/09/25 11:33	1
Benzo[g,h,i]perylene	0.35	U	0.35	0.010	mg/Kg	☼	10/08/25 20:51	10/09/25 11:33	1
Benzo[k]fluoranthene	0.035	U	0.035	0.0069	mg/Kg	☼	10/08/25 20:51	10/09/25 11:33	1
Bis(2-chloroethoxy)methane	0.35	U	0.35	0.065	mg/Kg	☼	10/08/25 20:51	10/09/25 11:33	1
Bis(2-chloroethyl)ether	0.035	U	0.035	0.012	mg/Kg	☼	10/08/25 20:51	10/09/25 11:33	1
Bis(2-ethylhexyl) phthalate	0.35	U	0.35	0.019	mg/Kg	☼	10/08/25 20:51	10/09/25 11:33	1
Butyl benzyl phthalate	0.35	U	0.35	0.017	mg/Kg	☼	10/08/25 20:51	10/09/25 11:33	1
Caprolactam	0.35	U	0.35	0.055	mg/Kg	☼	10/08/25 20:51	10/09/25 11:33	1
Carbazole	0.35	U	0.35	0.013	mg/Kg	☼	10/08/25 20:51	10/09/25 11:33	1
Chrysene	0.35	U	0.35	0.015	mg/Kg	☼	10/08/25 20:51	10/09/25 11:33	1
Dibenz(a,h)anthracene	0.035	U	0.035	0.015	mg/Kg	☼	10/08/25 20:51	10/09/25 11:33	1
Dibenzofuran	0.35	U	0.35	0.012	mg/Kg	☼	10/08/25 20:51	10/09/25 11:33	1

Client Sample ID: 44D_4-8
Date Collected: 10/07/25 08:35
Date Received: 10/07/25 17:15

Lab Sample ID: 460-336648-8
Matrix: Solid
Percent Solids: 93.0

Method: SW846 8270E - Semivolatile Organic Compounds (GC/MS) (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Diethyl phthalate	0.35	U	0.35	0.011	mg/Kg	☼	10/08/25 20:51	10/09/25 11:33	1
Dimethyl phthalate	0.35	U	0.35	0.080	mg/Kg	☼	10/08/25 20:51	10/09/25 11:33	1
Di-n-butyl phthalate	0.35	U	0.35	0.013	mg/Kg	☼	10/08/25 20:51	10/09/25 11:33	1
Di-n-octyl phthalate	0.35	U	0.35	0.019	mg/Kg	☼	10/08/25 20:51	10/09/25 11:33	1
Fluoranthene	0.35	U	0.35	0.012	mg/Kg	☼	10/08/25 20:51	10/09/25 11:33	1
Fluorene	0.35	U	0.35	0.010	mg/Kg	☼	10/08/25 20:51	10/09/25 11:33	1
Hexachlorobenzene	0.035	U	0.035	0.017	mg/Kg	☼	10/08/25 20:51	10/09/25 11:33	1
Hexachlorobutadiene	0.072	U	0.072	0.0075	mg/Kg	☼	10/08/25 20:51	10/09/25 11:33	1
Hexachlorocyclopentadiene	0.35	U	0.35	0.031	mg/Kg	☼	10/08/25 20:51	10/09/25 11:33	1
Hexachloroethane	0.035	U	0.035	0.012	mg/Kg	☼	10/08/25 20:51	10/09/25 11:33	1
Indeno[1,2,3-cd]pyrene	0.035	U	0.035	0.014	mg/Kg	☼	10/08/25 20:51	10/09/25 11:33	1
Isophorone	0.14	U	0.14	0.10	mg/Kg	☼	10/08/25 20:51	10/09/25 11:33	1
Naphthalene	0.35	U	0.35	0.0061	mg/Kg	☼	10/08/25 20:51	10/09/25 11:33	1
Nitrobenzene	0.035	U	0.035	0.020	mg/Kg	☼	10/08/25 20:51	10/09/25 11:33	1
N-Nitrosodi-n-propylamine	0.035	U	0.035	0.026	mg/Kg	☼	10/08/25 20:51	10/09/25 11:33	1
N-Nitrosodiphenylamine	0.35	U	0.35	0.029	mg/Kg	☼	10/08/25 20:51	10/09/25 11:33	1
Pentachlorophenol	0.28	U	0.28	0.072	mg/Kg	☼	10/08/25 20:51	10/09/25 11:33	1
Phenanthrene	0.35	U	0.35	0.014	mg/Kg	☼	10/08/25 20:51	10/09/25 11:33	1
Phenol	0.35	U	0.35	0.013	mg/Kg	☼	10/08/25 20:51	10/09/25 11:33	1
Pyrene	0.35	U	0.35	0.0088	mg/Kg	☼	10/08/25 20:51	10/09/25 11:33	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
2,4,6-Tribromophenol (Surr)	*59*		*18 - 137*	*10/08/25 20:51*	*10/09/25 11:33*	*1*
2-Fluorobiphenyl	*57*		*33 - 117*	*10/08/25 20:51*	*10/09/25 11:33*	*1*
2-Fluorophenol (Surr)	*65*		*24 - 120*	*10/08/25 20:51*	*10/09/25 11:33*	*1*
Nitrobenzene-d5 (Surr)	*60*		*27 - 120*	*10/08/25 20:51*	*10/09/25 11:33*	*1*
Phenol-d5 (Surr)	*60*		*28 - 118*	*10/08/25 20:51*	*10/09/25 11:33*	*1*
Terphenyl-d14 (Surr)	*59*		*33 - 124*	*10/08/25 20:51*	*10/09/25 11:33*	*1*

Method: SW846 8081B - Organochlorine Pesticides (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
4,4'-DDD	0.0072	U	0.0072	0.0012	mg/Kg	☼	10/08/25 16:51	10/09/25 17:06	1
4,4'-DDE	0.0072	U	0.0072	0.00085	mg/Kg	☼	10/08/25 16:51	10/09/25 17:06	1
4,4'-DDT	0.0072	U	0.0072	0.0013	mg/Kg	☼	10/08/25 16:51	10/09/25 17:06	1
Aldrin	0.0072	U	0.0072	0.0011	mg/Kg	☼	10/08/25 16:51	10/09/25 17:06	1
alpha-BHC	0.0021	U	0.0021	0.00073	mg/Kg	☼	10/08/25 16:51	10/09/25 17:06	1
beta-BHC	0.0021	U	0.0021	0.00081	mg/Kg	☼	10/08/25 16:51	10/09/25 17:06	1
Chlordane (technical)	0.072	U	0.072	0.017	mg/Kg	☼	10/08/25 16:51	10/09/25 17:06	1
cis-Chlordane	0.0072	U	0.0072	0.0011	mg/Kg	☼	10/08/25 16:51	10/09/25 17:06	1
delta-BHC	0.0021	U	0.0021	0.00044	mg/Kg	☼	10/08/25 16:51	10/09/25 17:06	1
Dieldrin	0.0021	U	0.0021	0.00094	mg/Kg	☼	10/08/25 16:51	10/09/25 17:06	1
Endosulfan I	0.0072	U	0.0072	0.0011	mg/Kg	☼	10/08/25 16:51	10/09/25 17:06	1
Endosulfan II	0.0072	U	0.0072	0.0018	mg/Kg	☼	10/08/25 16:51	10/09/25 17:06	1
Endosulfan sulfate	0.0072	U	0.0072	0.00090	mg/Kg	☼	10/08/25 16:51	10/09/25 17:06	1
Endrin	0.0072	U	0.0072	0.0010	mg/Kg	☼	10/08/25 16:51	10/09/25 17:06	1
Endrin aldehyde	0.0072	U	0.0072	0.0017	mg/Kg	☼	10/08/25 16:51	10/09/25 17:06	1
Endrin ketone	0.0072	U	0.0072	0.0014	mg/Kg	☼	10/08/25 16:51	10/09/25 17:06	1
gamma-BHC (Lindane)	0.0021	U	0.0021	0.00067	mg/Kg	☼	10/08/25 16:51	10/09/25 17:06	1
Heptachlor	0.0072	U	0.0072	0.00085	mg/Kg	☼	10/08/25 16:51	10/09/25 17:06	1
Heptachlor epoxide	0.0072	U	0.0072	0.0011	mg/Kg	☼	10/08/25 16:51	10/09/25 17:06	1

Client Sample ID: 44D_4-8
Date Collected: 10/07/25 08:35
Date Received: 10/07/25 17:15

Lab Sample ID: 460-336648-8
Matrix: Solid
Percent Solids: 93.0

Method: SW846 8081B - Organochlorine Pesticides (GC) (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Methoxychlor	0.0072	U	0.0072	0.0016	mg/Kg	☼	10/08/25 16:51	10/09/25 17:06	1
Toxaphene	0.072	U	0.072	0.026	mg/Kg	☼	10/08/25 16:51	10/09/25 17:06	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
DCB Decachlorobiphenyl	*93*		*10 - 150*	*10/08/25 16:51*	*10/09/25 17:06*	*1*
DCB Decachlorobiphenyl	*115*		*10 - 150*	*10/08/25 16:51*	*10/09/25 17:06*	*1*
Tetrachloro-m-xylene	*93*		*14 - 150*	*10/08/25 16:51*	*10/09/25 17:06*	*1*
Tetrachloro-m-xylene	*93*		*14 - 150*	*10/08/25 16:51*	*10/09/25 17:06*	*1*

Method: SW846 8082A - Polychlorinated Biphenyls (PCBs) by Gas Chromatography

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Aroclor 1016	0.072	U	0.072	0.019	mg/Kg	☼	10/08/25 16:43	10/09/25 17:18	1
Aroclor 1221	0.072	U	0.072	0.019	mg/Kg	☼	10/08/25 16:43	10/09/25 17:18	1
Aroclor 1232	0.072	U	0.072	0.019	mg/Kg	☼	10/08/25 16:43	10/09/25 17:18	1
Aroclor 1242	0.072	U	0.072	0.019	mg/Kg	☼	10/08/25 16:43	10/09/25 17:18	1
Aroclor 1248	0.072	U	0.072	0.019	mg/Kg	☼	10/08/25 16:43	10/09/25 17:18	1
Aroclor 1254	0.072	U	0.072	0.019	mg/Kg	☼	10/08/25 16:43	10/09/25 17:18	1
Aroclor 1260	0.072	U	0.072	0.019	mg/Kg	☼	10/08/25 16:43	10/09/25 17:18	1
Aroclor-1262	0.072	U	0.072	0.019	mg/Kg	☼	10/08/25 16:43	10/09/25 17:18	1
Aroclor 1268	0.072	U	0.072	0.019	mg/Kg	☼	10/08/25 16:43	10/09/25 17:18	1
Polychlorinated biphenyls, Total	0.072	U	0.072	0.019	mg/Kg	☼	10/08/25 16:43	10/09/25 17:18	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
DCB Decachlorobiphenyl	*123*		*10 - 150*	*10/08/25 16:43*	*10/09/25 17:18*	*1*
DCB Decachlorobiphenyl	*147*		*10 - 150*	*10/08/25 16:43*	*10/09/25 17:18*	*1*
Tetrachloro-m-xylene	*125*		*10 - 150*	*10/08/25 16:43*	*10/09/25 17:18*	*1*
Tetrachloro-m-xylene	*123*		*10 - 150*	*10/08/25 16:43*	*10/09/25 17:18*	*1*

Method: EPA 1633A - Per- and Polyfluoroalkyl Substances by LC/MS/MS, 1633A

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Perfluoropentanoic acid (PFPeA)	0.20	U	0.20	0.099	ug/Kg	☼	10/09/25 14:16	10/10/25 18:10	1
Perfluorohexanoic acid (PFHxA)	0.20	U	0.20	0.099	ug/Kg	☼	10/09/25 14:16	10/10/25 18:10	1
Perfluoroheptanoic acid (PFHpA)	0.20	U	0.20	0.099	ug/Kg	☼	10/09/25 14:16	10/10/25 18:10	1
Perfluorooctanoic acid (PFOA)	**0.10**	**J**	0.20	0.059	ug/Kg	☼	10/09/25 14:16	10/10/25 18:10	1
Perfluorononanoic acid (PFNA)	**0.36**		0.20	0.099	ug/Kg	☼	10/09/25 14:16	10/10/25 18:10	1
Perfluorodecanoic acid (PFDA)	**0.66**		0.20	0.059	ug/Kg	☼	10/09/25 14:16	10/10/25 18:10	1
Perfluoroundecanoic acid (PFUnA)	**2.95**		0.20	0.099	ug/Kg	☼	10/09/25 14:16	10/10/25 18:10	1
Perfluorododecanoic acid (PFDoA)	**0.35**		0.20	0.099	ug/Kg	☼	10/09/25 14:16	10/10/25 18:10	1
Perfluorotridecanoic acid (PFTrDA)	**1.08**		0.20	0.099	ug/Kg	☼	10/09/25 14:16	10/10/25 18:10	1
Perfluorotetradecanoic acid (PFTeDA)	**0.11**	**J**	0.20	0.099	ug/Kg	☼	10/09/25 14:16	10/10/25 18:10	1
Perfluorobutanesulfonic acid (PFBS)	0.20	U	0.20	0.099	ug/Kg	☼	10/09/25 14:16	10/10/25 18:10	1
Perfluoropentanesulfonic acid (PFPeS)	0.20	U	0.20	0.099	ug/Kg	☼	10/09/25 14:16	10/10/25 18:10	1
Perfluorohexanesulfonic acid (PFHxS)	0.20	U	0.20	0.099	ug/Kg	☼	10/09/25 14:16	10/10/25 18:10	1
Perfluoroheptanesulfonic acid (PFHpS)	0.20	U	0.20	0.099	ug/Kg	☼	10/09/25 14:16	10/10/25 18:10	1
Perfluorooctanesulfonic acid (PFOS)	0.20	U	0.20	0.099	ug/Kg	☼	10/09/25 14:16	10/10/25 18:10	1
Perfluorononanesulfonic acid (PFNS)	0.20	U	0.20	0.099	ug/Kg	☼	10/09/25 14:16	10/10/25 18:10	1

Client Sample ID: 44D_4-8
Date Collected: 10/07/25 08:35
Date Received: 10/07/25 17:15

Lab Sample ID: 460-336648-8
Matrix: Solid
Percent Solids: 93.0

Method: EPA 1633A - Per- and Polyfluoroalkyl Substances by LC/MS/MS, 1633A (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Perfluorodecanesulfonic acid (PFDS)	0.20	U	0.20	0.099	ug/Kg	☼	10/09/25 14:16	10/10/25 18:10	1
Perfluorododecanesulfonic acid (PFDoS)	0.20	U	0.20	0.099	ug/Kg	☼	10/09/25 14:16	10/10/25 18:10	1
1H,1H,2H,2H-Perfluorohexane sulfonic acid (4:2 FTS)	0.39	U	0.39	0.20	ug/Kg	☼	10/09/25 14:16	10/10/25 18:10	1
1H,1H,2H,2H-Perfluorooctane sulfonic acid (6:2 FTS)	0.39	U	0.39	0.20	ug/Kg	☼	10/09/25 14:16	10/10/25 18:10	1
1H,1H,2H,2H-Perfluorodecane sulfonic acid (8:2 FTS)	**0.45**		0.39	0.20	ug/Kg	☼	10/09/25 14:16	10/10/25 18:10	1
Perfluorooctanesulfonamide (PFOSA)	0.20	U	0.20	0.099	ug/Kg	☼	10/09/25 14:16	10/10/25 18:10	1
N-methylperfluorooctane sulfonamide (NMeFOSA)	0.20	U	0.20	0.099	ug/Kg	☼	10/09/25 14:16	10/10/25 18:10	1
N-ethylperfluorooctane sulfonamide (NEtFOSA)	0.20	U	0.20	0.099	ug/Kg	☼	10/09/25 14:16	10/10/25 18:10	1
N-methylperfluorooctanesulfonamidoacetic acid (NMeFOSAA)	0.20	U	0.20	0.099	ug/Kg	☼	10/09/25 14:16	10/10/25 18:10	1
N-ethylperfluorooctanesulfonamidoacetic acid (NEtFOSAA)	0.20	U	0.20	0.099	ug/Kg	☼	10/09/25 14:16	10/10/25 18:10	1
N-methylperfluorooctane sulfonamidoethanol (NMeFOSE)	0.99	U	0.99	0.49	ug/Kg	☼	10/09/25 14:16	10/10/25 18:10	1
N-ethylperfluorooctane sulfonamidoethanol (NEtFOSE)	0.99	U	0.99	0.49	ug/Kg	☼	10/09/25 14:16	10/10/25 18:10	1
Hexafluoropropylene Oxide Dimer Acid (HFPO-DA)	0.20	U	0.20	0.099	ug/Kg	☼	10/09/25 14:16	10/10/25 18:10	1
4,8-Dioxa-3H-perfluorononanoic acid (ADONA)	0.20	U	0.20	0.099	ug/Kg	☼	10/09/25 14:16	10/10/25 18:10	1
Perfluoro-3-methoxypropanoic acid (PFMPA)	0.20	U	0.20	0.099	ug/Kg	☼	10/09/25 14:16	10/10/25 18:10	1
Perfluoro-4-methoxybutanoic acid (PFMBA)	0.20	U	0.20	0.099	ug/Kg	☼	10/09/25 14:16	10/10/25 18:10	1
Nonafluoro-3,6-dioxaheptanoic acid (NFDHA)	0.20	U	0.20	0.099	ug/Kg	☼	10/09/25 14:16	10/10/25 18:10	1
9-Chlorohexadecafluoro-3-oxanonane-1-sulfonic acid (9Cl-PF3ONS)	0.20	U	0.20	0.099	ug/Kg	☼	10/09/25 14:16	10/10/25 18:10	1
11-Chloroeicosafluoro-3-oxaundecane-1-sulfonic acid (11Cl-PF3OUdS)	0.20	U	0.20	0.099	ug/Kg	☼	10/09/25 14:16	10/10/25 18:10	1
Perfluoro (2-ethoxyethane) sulfonic acid (PFEESA)	0.20	U	0.20	0.099	ug/Kg	☼	10/09/25 14:16	10/10/25 18:10	1
3-Perfluoropropylpropanoic acid (3:3 FTCA)	0.39	U	0.39	0.20	ug/Kg	☼	10/09/25 14:16	10/10/25 18:10	1
3-Perfluoropentylpropanoic acid (5:3 FTCA)	0.99	U	0.99	0.49	ug/Kg	☼	10/09/25 14:16	10/10/25 18:10	1
3-Perfluoroheptylpropanoic acid (7:3 FTCA)	**0.69**	**J**	0.99	0.49	ug/Kg	☼	10/09/25 14:16	10/10/25 18:10	1

Isotope Dilution	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
13C5 PFPeA	*12.0*	*	*35 - 130*	*10/09/25 14:16*	*10/10/25 18:10*	*1*
13C5 PFHxA	*72.5*		*40 - 130*	*10/09/25 14:16*	*10/10/25 18:10*	*1*
13C4 PFHpA	*96.6*		*40 - 130*	*10/09/25 14:16*	*10/10/25 18:10*	*1*
13C8 PFOA	*90.8*		*40 - 130*	*10/09/25 14:16*	*10/10/25 18:10*	*1*
13C9 PFNA	*91.1*		*40 - 130*	*10/09/25 14:16*	*10/10/25 18:10*	*1*
13C6 PFDA	*82.4*		*40 - 130*	*10/09/25 14:16*	*10/10/25 18:10*	*1*
13C7 PFUnA	*75.0*		*40 - 130*	*10/09/25 14:16*	*10/10/25 18:10*	*1*
13C2 PFTeDA	*43.2*		*20 - 130*	*10/09/25 14:16*	*10/10/25 18:10*	*1*
13C3 PFBS	*63.9*		*40 - 135*	*10/09/25 14:16*	*10/10/25 18:10*	*1*

Client Sample ID: 44D_4-8
Date Collected: 10/07/25 08:35
Date Received: 10/07/25 17:15

Lab Sample ID: 460-336648-8
Matrix: Solid
Percent Solids: 93.0

Method: EPA 1633A - Per- and Polyfluoroalkyl Substances by LC/MS/MS, 1633A (Continued)

Isotope Dilution	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
13C3 PFHxS	*89.8*		*40 - 130*	*10/09/25 14:16*	*10/10/25 18:10*	*1*
13C8 PFOS	*85.3*		*40 - 130*	*10/09/25 14:16*	*10/10/25 18:10*	*1*
13C8 FOSA	*79.5*		*40 - 130*	*10/09/25 14:16*	*10/10/25 18:10*	*1*
d3-NMeFOSAA	*66.1*		*40 - 135*	*10/09/25 14:16*	*10/10/25 18:10*	*1*
d5-NEtFOSAA	*68.3*		*40 - 150*	*10/09/25 14:16*	*10/10/25 18:10*	*1*
13C2 4:2 FTS	*88.0*		*40 - 165*	*10/09/25 14:16*	*10/10/25 18:10*	*1*
13C2 6:2 FTS	*85.0*		*40 - 215*	*10/09/25 14:16*	*10/10/25 18:10*	*1*
13C2 8:2 FTS	*80.4*		*40 - 275*	*10/09/25 14:16*	*10/10/25 18:10*	*1*
13C3 HFPO-DA	*77.2*		*40 - 130*	*10/09/25 14:16*	*10/10/25 18:10*	*1*
d7-N-MeFOSE-M	*33.2*		*20 - 130*	*10/09/25 14:16*	*10/10/25 18:10*	*1*
d9-N-EtFOSE-M	*27.0*		*15 - 130*	*10/09/25 14:16*	*10/10/25 18:10*	*1*
d5-NEtPFOSA	*70.2*		*10 - 130*	*10/09/25 14:16*	*10/10/25 18:10*	*1*
d3-NMePFOSA	*79.4*		*10 - 130*	*10/09/25 14:16*	*10/10/25 18:10*	*1*
13C2 PFDoA	*67.2*		*40 - 130*	*10/09/25 14:16*	*10/10/25 18:10*	*1*

Method: EPA 1633A - Per- and Polyfluoroalkyl Substances by LC/MS/MS, 1633A - DL

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Perfluorobutanoic acid (PFBA)	3.94	U	3.94	0.99	ug/Kg	☼	10/09/25 14:16	10/11/25 12:43	10

Isotope Dilution	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
13C4 PFBA	*12.0*		*8 - 130*	*10/09/25 14:16*	*10/11/25 12:43*	*10*

Method: SW846 6020B - Metals (ICP/MS)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Aluminum	**6220**		16.8	4.6	mg/Kg	☼	10/11/25 20:55	10/12/25 13:08	1
Antimony	**2.4**		0.84	0.12	mg/Kg	☼	10/11/25 20:55	10/12/25 13:08	1
Arsenic	**9.0**		0.84	0.086	mg/Kg	☼	10/11/25 20:55	10/12/25 13:08	1
Barium	**38.2**		1.7	0.12	mg/Kg	☼	10/11/25 20:55	10/12/25 13:08	1
Beryllium	**2.8**		0.34	0.018	mg/Kg	☼	10/11/25 20:55	10/12/25 13:08	1
Cadmium	**0.29**	J	0.84	0.095	mg/Kg	☼	10/11/25 20:55	10/12/25 13:08	1
Calcium	**5990**		84.0	8.2	mg/Kg	☼	10/11/25 20:55	10/12/25 13:08	1
Chromium	**29.2**		1.7	0.25	mg/Kg	☼	10/11/25 20:55	10/12/25 13:08	1
Cobalt	**8.1**		0.84	0.12	mg/Kg	☼	10/11/25 20:55	10/12/25 13:08	1
Copper	**79.1**		1.7	0.31	mg/Kg	☼	10/11/25 20:55	10/12/25 13:08	1
Iron	**20900**		50.4	6.4	mg/Kg	☼	10/11/25 20:55	10/12/25 13:08	1
Lead	**126**		0.50	0.17	mg/Kg	☼	10/11/25 20:55	10/12/25 13:08	1
Magnesium	**4800**		84.0	8.6	mg/Kg	☼	10/11/25 20:55	10/12/25 13:08	1
Manganese	**188**		3.4	0.34	mg/Kg	☼	10/11/25 20:55	10/12/25 13:08	1
Nickel	**35.7**		1.7	0.15	mg/Kg	☼	10/11/25 20:55	10/12/25 13:08	1
Potassium	**1420**		84.0	13.6	mg/Kg	☼	10/11/25 20:55	10/12/25 13:08	1
Selenium	**0.72**	J	1.0	0.11	mg/Kg	☼	10/11/25 20:55	10/12/25 13:08	1
Silver	**0.29**	J	0.34	0.075	mg/Kg	☼	10/11/25 20:55	10/12/25 13:08	1
Sodium	**78.3**	J	84.0	38.4	mg/Kg	☼	10/11/25 20:55	10/12/25 13:08	1
Thallium	**0.086**	J	0.34	0.034	mg/Kg	☼	10/11/25 20:55	10/12/25 13:08	1
Vanadium	**26.5**		1.7	0.17	mg/Kg	☼	10/11/25 20:55	10/12/25 13:08	1
Zinc	**193**		6.7	0.92	mg/Kg	☼	10/11/25 20:55	10/12/25 13:08	1

Method: SW846 7471B - Mercury (CVAA)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	**0.035**		0.018	0.0083	mg/Kg	☼	10/16/25 01:19	10/16/25 07:45	1

Client Sample ID: 44D_4-8

Lab Sample ID: 460-336648-8

Date Collected: 10/07/25 08:35

Matrix: Solid

Date Received: 10/07/25 17:15

Percent Solids: 93.0

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Percent Moisture (EPA Moisture)	7.0		1.0	1.0	%			10/08/25 18:34	1
Percent Solids (EPA Moisture)	93.0		1.0	1.0	%			10/08/25 18:34	1

Client Sample ID: 44E_0-4

Lab Sample ID: 460-336648-9

Date Collected: 10/07/25 08:40

Matrix: Solid

Date Received: 10/07/25 17:15

Percent Solids: 93.4

Method: SW846 8270E - Semivolatile Organic Compounds (GC/MS)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1'-Biphenyl	0.35	U	0.35	0.012	mg/Kg	☼	10/08/25 20:51	10/09/25 11:51	1
1,2,4,5-Tetrachlorobenzene	0.35	U	0.35	0.011	mg/Kg	☼	10/08/25 20:51	10/09/25 11:51	1
1,4-Dioxane	0.035	U	0.035	0.031	mg/Kg	☼	10/08/25 20:51	10/09/25 11:51	1
2,2'-oxybis[1-chloropropane]	0.35	U	0.35	0.021	mg/Kg	☼	10/08/25 20:51	10/09/25 11:51	1
2,3,4,6-Tetrachlorophenol	0.35	U	0.35	0.024	mg/Kg	☼	10/08/25 20:51	10/09/25 11:51	1
2,4,5-Trichlorophenol	0.35	U	0.35	0.036	mg/Kg	☼	10/08/25 20:51	10/09/25 11:51	1
2,4,6-Trichlorophenol	0.14	U	0.14	0.045	mg/Kg	☼	10/08/25 20:51	10/09/25 11:51	1
2,4-Dichlorophenol	0.14	U	0.14	0.022	mg/Kg	☼	10/08/25 20:51	10/09/25 11:51	1
2,4-Dimethylphenol	0.35	U	0.35	0.042	mg/Kg	☼	10/08/25 20:51	10/09/25 11:51	1
2,4-Dinitrophenol	0.28	U	0.28	0.17	mg/Kg	☼	10/08/25 20:51	10/09/25 11:51	1
2,4-Dinitrotoluene	0.071	U	0.071	0.038	mg/Kg	☼	10/08/25 20:51	10/09/25 11:51	1
2,6-Dinitrotoluene	0.071	U	0.071	0.025	mg/Kg	☼	10/08/25 20:51	10/09/25 11:51	1
2-Chloronaphthalene	0.35	U	0.35	0.045	mg/Kg	☼	10/08/25 20:51	10/09/25 11:51	1
2-Chlorophenol	0.35	U	0.35	0.012	mg/Kg	☼	10/08/25 20:51	10/09/25 11:51	1
2-Methylnaphthalene	0.35	U	0.35	0.0098	mg/Kg	☼	10/08/25 20:51	10/09/25 11:51	1
2-Methylphenol	0.35	U	0.35	0.013	mg/Kg	☼	10/08/25 20:51	10/09/25 11:51	1
2-Nitroaniline	0.35	U	0.35	0.027	mg/Kg	☼	10/08/25 20:51	10/09/25 11:51	1
2-Nitrophenol	0.35	U	0.35	0.035	mg/Kg	☼	10/08/25 20:51	10/09/25 11:51	1
3 & 4 Methylphenol	0.35	U	0.35	0.022	mg/Kg	☼	10/08/25 20:51	10/09/25 11:51	1
3,3'-Dichlorobenzidine	0.14	U	0.14	0.053	mg/Kg	☼	10/08/25 20:51	10/09/25 11:51	1
3-Nitroaniline	0.35	U	0.35	0.083	mg/Kg	☼	10/08/25 20:51	10/09/25 11:51	1
4,6-Dinitro-2-methylphenol	0.28	U	0.28	0.14	mg/Kg	☼	10/08/25 20:51	10/09/25 11:51	1
4-Bromophenyl phenyl ether	0.35	U	0.35	0.014	mg/Kg	☼	10/08/25 20:51	10/09/25 11:51	1
4-Chloro-3-methylphenol	0.35	U	0.35	0.020	mg/Kg	☼	10/08/25 20:51	10/09/25 11:51	1
4-Chloroaniline	0.35	U	0.35	0.062	mg/Kg	☼	10/08/25 20:51	10/09/25 11:51	1
4-Chlorophenyl phenyl ether	0.35	U	0.35	0.012	mg/Kg	☼	10/08/25 20:51	10/09/25 11:51	1
4-Methylphenol	0.35	U	0.35	0.022	mg/Kg	☼	10/08/25 20:51	10/09/25 11:51	1
4-Nitroaniline	0.35	U	0.35	0.089	mg/Kg	☼	10/08/25 20:51	10/09/25 11:51	1
4-Nitrophenol	0.71	U	0.71	0.057	mg/Kg	☼	10/08/25 20:51	10/09/25 11:51	1
Acenaphthene	0.35	U	0.35	0.010	mg/Kg	☼	10/08/25 20:51	10/09/25 11:51	1
Acenaphthylene	0.35	U	0.35	0.010	mg/Kg	☼	10/08/25 20:51	10/09/25 11:51	1
Acetophenone	0.35	U	0.35	0.017	mg/Kg	☼	10/08/25 20:51	10/09/25 11:51	1
Anthracene	0.35	U	0.35	0.011	mg/Kg	☼	10/08/25 20:51	10/09/25 11:51	1
Atrazine	0.14	U	0.14	0.021	mg/Kg	☼	10/08/25 20:51	10/09/25 11:51	1
Benzaldehyde	0.35	U	0.35	0.058	mg/Kg	☼	10/08/25 20:51	10/09/25 11:51	1
Benzo[a]anthracene	0.035	U	0.035	0.026	mg/Kg	☼	10/08/25 20:51	10/09/25 11:51	1
Benzo[a]pyrene	0.035	U	0.035	0.0093	mg/Kg	☼	10/08/25 20:51	10/09/25 11:51	1
Benzo[b]fluoranthene	0.035	U	0.035	0.0091	mg/Kg	☼	10/08/25 20:51	10/09/25 11:51	1
Benzo[g,h,i]perylene	0.35	U	0.35	0.010	mg/Kg	☼	10/08/25 20:51	10/09/25 11:51	1
Benzo[k]fluoranthene	0.035	U	0.035	0.0069	mg/Kg	☼	10/08/25 20:51	10/09/25 11:51	1
Bis(2-chloroethoxy)methane	0.35	U	0.35	0.065	mg/Kg	☼	10/08/25 20:51	10/09/25 11:51	1

Client Sample ID: 44E_0-4
Date Collected: 10/07/25 08:40
Date Received: 10/07/25 17:15

Lab Sample ID: 460-336648-9
Matrix: Solid
Percent Solids: 93.4

Method: SW846 8270E - Semivolatile Organic Compounds (GC/MS) (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Bis(2-chloroethyl)ether	0.035	U	0.035	0.012	mg/Kg	☼	10/08/25 20:51	10/09/25 11:51	1
Bis(2-ethylhexyl) phthalate	0.35	U	0.35	0.019	mg/Kg	☼	10/08/25 20:51	10/09/25 11:51	1
Butyl benzyl phthalate	0.35	U	0.35	0.016	mg/Kg	☼	10/08/25 20:51	10/09/25 11:51	1
Caprolactam	0.35	U	0.35	0.055	mg/Kg	☼	10/08/25 20:51	10/09/25 11:51	1
Carbazole	0.35	U	0.35	0.013	mg/Kg	☼	10/08/25 20:51	10/09/25 11:51	1
Chrysene	0.35	U	0.35	0.015	mg/Kg	☼	10/08/25 20:51	10/09/25 11:51	1
Dibenz(a,h)anthracene	0.035	U	0.035	0.015	mg/Kg	☼	10/08/25 20:51	10/09/25 11:51	1
Dibenzofuran	0.35	U	0.35	0.012	mg/Kg	☼	10/08/25 20:51	10/09/25 11:51	1
Diethyl phthalate	0.35	U	0.35	0.011	mg/Kg	☼	10/08/25 20:51	10/09/25 11:51	1
Dimethyl phthalate	0.35	U	0.35	0.080	mg/Kg	☼	10/08/25 20:51	10/09/25 11:51	1
Di-n-butyl phthalate	0.35	U	0.35	0.013	mg/Kg	☼	10/08/25 20:51	10/09/25 11:51	1
Di-n-octyl phthalate	0.35	U	0.35	0.019	mg/Kg	☼	10/08/25 20:51	10/09/25 11:51	1
Fluoranthene	0.35	U	0.35	0.012	mg/Kg	☼	10/08/25 20:51	10/09/25 11:51	1
Fluorene	0.35	U	0.35	0.010	mg/Kg	☼	10/08/25 20:51	10/09/25 11:51	1
Hexachlorobenzene	0.035	U	0.035	0.017	mg/Kg	☼	10/08/25 20:51	10/09/25 11:51	1
Hexachlorobutadiene	0.071	U	0.071	0.0075	mg/Kg	☼	10/08/25 20:51	10/09/25 11:51	1
Hexachlorocyclopentadiene	0.35	U	0.35	0.031	mg/Kg	☼	10/08/25 20:51	10/09/25 11:51	1
Hexachloroethane	0.035	U	0.035	0.012	mg/Kg	☼	10/08/25 20:51	10/09/25 11:51	1
Indeno[1,2,3-cd]pyrene	0.035	U	0.035	0.014	mg/Kg	☼	10/08/25 20:51	10/09/25 11:51	1
Isophorone	0.14	U	0.14	0.10	mg/Kg	☼	10/08/25 20:51	10/09/25 11:51	1
Naphthalene	0.35	U	0.35	0.0061	mg/Kg	☼	10/08/25 20:51	10/09/25 11:51	1
Nitrobenzene	0.035	U	0.035	0.019	mg/Kg	☼	10/08/25 20:51	10/09/25 11:51	1
N-Nitrosodi-n-propylamine	0.035	U	0.035	0.025	mg/Kg	☼	10/08/25 20:51	10/09/25 11:51	1
N-Nitrosodiphenylamine	0.35	U	0.35	0.029	mg/Kg	☼	10/08/25 20:51	10/09/25 11:51	1
Pentachlorophenol	0.28	U	0.28	0.072	mg/Kg	☼	10/08/25 20:51	10/09/25 11:51	1
Phenanthrene	0.35	U	0.35	0.014	mg/Kg	☼	10/08/25 20:51	10/09/25 11:51	1
Phenol	0.35	U	0.35	0.013	mg/Kg	☼	10/08/25 20:51	10/09/25 11:51	1
Pyrene	0.35	U	0.35	0.0087	mg/Kg	☼	10/08/25 20:51	10/09/25 11:51	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
2,4,6-Tribromophenol (Surr)	*63*		*18 - 137*	*10/08/25 20:51*	*10/09/25 11:51*	*1*
2-Fluorobiphenyl	*62*		*33 - 117*	*10/08/25 20:51*	*10/09/25 11:51*	*1*
2-Fluorophenol (Surr)	*70*		*24 - 120*	*10/08/25 20:51*	*10/09/25 11:51*	*1*
Nitrobenzene-d5 (Surr)	*64*		*27 - 120*	*10/08/25 20:51*	*10/09/25 11:51*	*1*
Phenol-d5 (Surr)	*64*		*28 - 118*	*10/08/25 20:51*	*10/09/25 11:51*	*1*
Terphenyl-d14 (Surr)	*64*		*33 - 124*	*10/08/25 20:51*	*10/09/25 11:51*	*1*

Method: SW846 8081B - Organochlorine Pesticides (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
4,4'-DDD	0.0072	U	0.0072	0.0012	mg/Kg	☼	10/08/25 16:51	10/09/25 17:18	1
4,4'-DDE	0.0072	U	0.0072	0.00085	mg/Kg	☼	10/08/25 16:51	10/09/25 17:18	1
4,4'-DDT	**0.0019**	**J**	0.0072	0.0013	mg/Kg	☼	10/08/25 16:51	10/09/25 17:18	1
Aldrin	0.0072	U	0.0072	0.0011	mg/Kg	☼	10/08/25 16:51	10/09/25 17:18	1
alpha-BHC	0.0021	U	0.0021	0.00073	mg/Kg	☼	10/08/25 16:51	10/09/25 17:18	1
beta-BHC	0.0021	U	0.0021	0.00080	mg/Kg	☼	10/08/25 16:51	10/09/25 17:18	1
Chlordane (technical)	0.072	U	0.072	0.017	mg/Kg	☼	10/08/25 16:51	10/09/25 17:18	1
cis-Chlordane	0.0072	U	0.0072	0.0011	mg/Kg	☼	10/08/25 16:51	10/09/25 17:18	1
delta-BHC	0.0021	U	0.0021	0.00044	mg/Kg	☼	10/08/25 16:51	10/09/25 17:18	1
Dieldrin	0.0021	U	0.0021	0.00093	mg/Kg	☼	10/08/25 16:51	10/09/25 17:18	1
Endosulfan I	0.0072	U	0.0072	0.0011	mg/Kg	☼	10/08/25 16:51	10/09/25 17:18	1

Client Sample ID: 44E_0-4
Date Collected: 10/07/25 08:40
Date Received: 10/07/25 17:15

Lab Sample ID: 460-336648-9
Matrix: Solid
Percent Solids: 93.4

Method: SW846 8081B - Organochlorine Pesticides (GC) (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Endosulfan II	0.0072	U	0.0072	0.0018	mg/Kg	☼	10/08/25 16:51	10/09/25 17:18	1
Endosulfan sulfate	0.0072	U	0.0072	0.00090	mg/Kg	☼	10/08/25 16:51	10/09/25 17:18	1
Endrin	0.0072	U	0.0072	0.0010	mg/Kg	☼	10/08/25 16:51	10/09/25 17:18	1
Endrin aldehyde	0.0072	U	0.0072	0.0017	mg/Kg	☼	10/08/25 16:51	10/09/25 17:18	1
Endrin ketone	0.0072	U	0.0072	0.0014	mg/Kg	☼	10/08/25 16:51	10/09/25 17:18	1
gamma-BHC (Lindane)	0.0021	U	0.0021	0.00066	mg/Kg	☼	10/08/25 16:51	10/09/25 17:18	1
Heptachlor	0.0072	U	0.0072	0.00085	mg/Kg	☼	10/08/25 16:51	10/09/25 17:18	1
Heptachlor epoxide	0.0072	U	0.0072	0.0011	mg/Kg	☼	10/08/25 16:51	10/09/25 17:18	1
Methoxychlor	0.0072	U	0.0072	0.0016	mg/Kg	☼	10/08/25 16:51	10/09/25 17:18	1
Toxaphene	0.072	U	0.072	0.026	mg/Kg	☼	10/08/25 16:51	10/09/25 17:18	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
DCB Decachlorobiphenyl	*110*		*10 - 150*	*10/08/25 16:51*	*10/09/25 17:18*	*1*
DCB Decachlorobiphenyl	*133*		*10 - 150*	*10/08/25 16:51*	*10/09/25 17:18*	*1*
Tetrachloro-m-xylene	*108*		*14 - 150*	*10/08/25 16:51*	*10/09/25 17:18*	*1*
Tetrachloro-m-xylene	*108*		*14 - 150*	*10/08/25 16:51*	*10/09/25 17:18*	*1*

Method: SW846 8082A - Polychlorinated Biphenyls (PCBs) by Gas Chromatography

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Aroclor 1016	0.072	U	0.072	0.019	mg/Kg	☼	10/08/25 16:43	10/09/25 17:41	1
Aroclor 1221	0.072	U	0.072	0.019	mg/Kg	☼	10/08/25 16:43	10/09/25 17:41	1
Aroclor 1232	0.072	U	0.072	0.019	mg/Kg	☼	10/08/25 16:43	10/09/25 17:41	1
Aroclor 1242	0.072	U	0.072	0.019	mg/Kg	☼	10/08/25 16:43	10/09/25 17:41	1
Aroclor 1248	0.072	U	0.072	0.019	mg/Kg	☼	10/08/25 16:43	10/09/25 17:41	1
Aroclor 1254	0.072	U	0.072	0.019	mg/Kg	☼	10/08/25 16:43	10/09/25 17:41	1
Aroclor 1260	0.072	U	0.072	0.019	mg/Kg	☼	10/08/25 16:43	10/09/25 17:41	1
Aroclor-1262	0.072	U	0.072	0.019	mg/Kg	☼	10/08/25 16:43	10/09/25 17:41	1
Aroclor 1268	0.072	U	0.072	0.019	mg/Kg	☼	10/08/25 16:43	10/09/25 17:41	1
Polychlorinated biphenyls, Total	0.072	U	0.072	0.019	mg/Kg	☼	10/08/25 16:43	10/09/25 17:41	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
DCB Decachlorobiphenyl	*137*		*10 - 150*	*10/08/25 16:43*	*10/09/25 17:41*	*1*
DCB Decachlorobiphenyl	*162*	*	*10 - 150*	*10/08/25 16:43*	*10/09/25 17:41*	*1*
Tetrachloro-m-xylene	*142*		*10 - 150*	*10/08/25 16:43*	*10/09/25 17:41*	*1*
Tetrachloro-m-xylene	*140*		*10 - 150*	*10/08/25 16:43*	*10/09/25 17:41*	*1*

Method: EPA 1633A - Per- and Polyfluoroalkyl Substances by LC/MS/MS, 1633A

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Perfluorobutanoic acid (PFBA)	0.40	U	0.40	0.099	ug/Kg	☼	10/09/25 14:16	10/10/25 18:24	1
Perfluoropentanoic acid (PFPeA)	0.20	U	0.20	0.099	ug/Kg	☼	10/09/25 14:16	10/10/25 18:24	1
Perfluorohexanoic acid (PFHxA)	0.20	U	0.20	0.099	ug/Kg	☼	10/09/25 14:16	10/10/25 18:24	1
Perfluoroheptanoic acid (PFHpA)	0.20	U	0.20	0.099	ug/Kg	☼	10/09/25 14:16	10/10/25 18:24	1
Perfluorooctanoic acid (PFOA)	**0.089**	**J**	0.20	0.060	ug/Kg	☼	10/09/25 14:16	10/10/25 18:24	1
Perfluorononanoic acid (PFNA)	**0.31**		0.20	0.099	ug/Kg	☼	10/09/25 14:16	10/10/25 18:24	1
Perfluorodecanoic acid (PFDA)	**0.83**		0.20	0.060	ug/Kg	☼	10/09/25 14:16	10/10/25 18:24	1
Perfluoroundecanoic acid (PFUnA)	**5.01**		0.20	0.099	ug/Kg	☼	10/09/25 14:16	10/10/25 18:24	1
Perfluorododecanoic acid (PFDoA)	**0.67**		0.20	0.099	ug/Kg	☼	10/09/25 14:16	10/10/25 18:24	1
Perfluorotridecanoic acid (PFTrDA)	**1.88**		0.20	0.099	ug/Kg	☼	10/09/25 14:16	10/10/25 18:24	1

Client Sample ID: 44E_0-4
Date Collected: 10/07/25 08:40
Date Received: 10/07/25 17:15

Lab Sample ID: 460-336648-9
Matrix: Solid
Percent Solids: 93.4

Method: EPA 1633A - Per- and Polyfluoroalkyl Substances by LC/MS/MS, 1633A (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Perfluorotetradecanoic acid (PFTeDA)	**0.19**	**J**	0.20	0.099	ug/Kg	☼	10/09/25 14:16	10/10/25 18:24	1
Perfluorobutanesulfonic acid (PFBS)	0.20	U	0.20	0.099	ug/Kg	☼	10/09/25 14:16	10/10/25 18:24	1
Perfluoropentanesulfonic acid (PFPeS)	0.20	U	0.20	0.099	ug/Kg	☼	10/09/25 14:16	10/10/25 18:24	1
Perfluorohexanesulfonic acid (PFHxS)	0.20	U	0.20	0.099	ug/Kg	☼	10/09/25 14:16	10/10/25 18:24	1
Perfluoroheptanesulfonic acid (PFHpS)	0.20	U	0.20	0.099	ug/Kg	☼	10/09/25 14:16	10/10/25 18:24	1
Perfluorooctanesulfonic acid (PFOS)	0.20	U	0.20	0.099	ug/Kg	☼	10/09/25 14:16	10/10/25 18:24	1
Perfluorononanesulfonic acid (PFNS)	0.20	U	0.20	0.099	ug/Kg	☼	10/09/25 14:16	10/10/25 18:24	1
Perfluorodecanesulfonic acid (PFDS)	0.20	U	0.20	0.099	ug/Kg	☼	10/09/25 14:16	10/10/25 18:24	1
Perfluorododecanesulfonic acid (PFDoS)	0.20	U	0.20	0.099	ug/Kg	☼	10/09/25 14:16	10/10/25 18:24	1
1H,1H,2H,2H-Perfluorohexane sulfonic acid (4:2 FTS)	0.40	U	0.40	0.20	ug/Kg	☼	10/09/25 14:16	10/10/25 18:24	1
1H,1H,2H,2H-Perfluorooctane sulfonic acid (6:2 FTS)	0.40	U	0.40	0.20	ug/Kg	☼	10/09/25 14:16	10/10/25 18:24	1
1H,1H,2H,2H-Perfluorodecane sulfonic acid (8:2 FTS)	**0.49**		0.40	0.20	ug/Kg	☼	10/09/25 14:16	10/10/25 18:24	1
Perfluorooctanesulfonamide (PFOSA)	0.20	U	0.20	0.099	ug/Kg	☼	10/09/25 14:16	10/10/25 18:24	1
N-methylperfluorooctane sulfonamide (NMeFOSA)	0.20	U	0.20	0.099	ug/Kg	☼	10/09/25 14:16	10/10/25 18:24	1
N-ethylperfluorooctane sulfonamide (NEtFOSA)	0.20	U	0.20	0.099	ug/Kg	☼	10/09/25 14:16	10/10/25 18:24	1
N-methylperfluorooctanesulfonamidoacetic acid (NMeFOSAA)	0.20	U	0.20	0.099	ug/Kg	☼	10/09/25 14:16	10/10/25 18:24	1
N-ethylperfluorooctanesulfonamidoacetic acid (NEtFOSAA)	0.20	U	0.20	0.099	ug/Kg	☼	10/09/25 14:16	10/10/25 18:24	1
N-methylperfluorooctane sulfonamidoethanol (NMeFOSE)	0.99	U	0.99	0.50	ug/Kg	☼	10/09/25 14:16	10/10/25 18:24	1
N-ethylperfluorooctane sulfonamidoethanol (NEtFOSE)	0.99	U	0.99	0.50	ug/Kg	☼	10/09/25 14:16	10/10/25 18:24	1
Hexafluoropropylene Oxide Dimer Acid (HFPO-DA)	0.20	U	0.20	0.099	ug/Kg	☼	10/09/25 14:16	10/10/25 18:24	1
4,8-Dioxa-3H-perfluorononanoic acid (ADONA)	0.20	U	0.20	0.099	ug/Kg	☼	10/09/25 14:16	10/10/25 18:24	1
Perfluoro-3-methoxypropanoic acid (PFMPA)	0.20	U	0.20	0.099	ug/Kg	☼	10/09/25 14:16	10/10/25 18:24	1
Perfluoro-4-methoxybutanoic acid (PFMBA)	0.20	U	0.20	0.099	ug/Kg	☼	10/09/25 14:16	10/10/25 18:24	1
Nonafluoro-3,6-dioxaheptanoic acid (NFDHA)	0.20	U	0.20	0.099	ug/Kg	☼	10/09/25 14:16	10/10/25 18:24	1
9-Chlorohexadecafluoro-3-oxanonane-1-sulfonic acid (9Cl-PF3ONS)	0.20	U	0.20	0.099	ug/Kg	☼	10/09/25 14:16	10/10/25 18:24	1
11-Chloroeicosafluoro-3-oxaundecane-1-sulfonic acid (11Cl-PF3OUdS)	0.20	U	0.20	0.099	ug/Kg	☼	10/09/25 14:16	10/10/25 18:24	1
Perfluoro (2-ethoxyethane) sulfonic acid (PFEESA)	0.20	U	0.20	0.099	ug/Kg	☼	10/09/25 14:16	10/10/25 18:24	1
3-Perfluoropropylpropanoic acid (3:3 FTCA)	0.40	U	0.40	0.20	ug/Kg	☼	10/09/25 14:16	10/10/25 18:24	1
3-Perfluoropentylpropanoic acid (5:3 FTCA)	0.99	U	0.99	0.50	ug/Kg	☼	10/09/25 14:16	10/10/25 18:24	1
3-Perfluoroheptylpropanoic acid (7:3 FTCA)	**0.51**	**J**	0.99	0.50	ug/Kg	☼	10/09/25 14:16	10/10/25 18:24	1

Client: Haley & Aldrich, Inc.
Project/Site: Former Port Mobil

Job ID: 460-336648-1

Client Sample ID: 44E_0-4
Date Collected: 10/07/25 08:40
Date Received: 10/07/25 17:15

Lab Sample ID: 460-336648-9
Matrix: Solid
Percent Solids: 93.4

Isotope Dilution	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
13C4 PFBA	87.9		8 - 130	10/09/25 14:16	10/10/25 18:24	1
13C5 PFPeA	92.5		35 - 130	10/09/25 14:16	10/10/25 18:24	1
13C5 PFHxA	90.4		40 - 130	10/09/25 14:16	10/10/25 18:24	1
13C4 PFHpA	99.0		40 - 130	10/09/25 14:16	10/10/25 18:24	1
13C8 PFOA	88.9		40 - 130	10/09/25 14:16	10/10/25 18:24	1
13C9 PFNA	86.5		40 - 130	10/09/25 14:16	10/10/25 18:24	1
13C6 PFDA	85.7		40 - 130	10/09/25 14:16	10/10/25 18:24	1
13C7 PFUnA	79.9		40 - 130	10/09/25 14:16	10/10/25 18:24	1
13C2 PFTeDA	65.9		20 - 130	10/09/25 14:16	10/10/25 18:24	1
13C3 PFBS	86.9		40 - 135	10/09/25 14:16	10/10/25 18:24	1
13C3 PFHxS	87.4		40 - 130	10/09/25 14:16	10/10/25 18:24	1
13C8 PFOS	85.4		40 - 130	10/09/25 14:16	10/10/25 18:24	1
13C8 FOSA	77.8		40 - 130	10/09/25 14:16	10/10/25 18:24	1
d3-NMeFOSAA	66.0		40 - 135	10/09/25 14:16	10/10/25 18:24	1
d5-NEtFOSAA	69.9		40 - 150	10/09/25 14:16	10/10/25 18:24	1
13C2 4:2 FTS	90.1		40 - 165	10/09/25 14:16	10/10/25 18:24	1
13C2 6:2 FTS	84.6		40 - 215	10/09/25 14:16	10/10/25 18:24	1
13C2 8:2 FTS	75.9		40 - 275	10/09/25 14:16	10/10/25 18:24	1
13C3 HFPO-DA	100		40 - 130	10/09/25 14:16	10/10/25 18:24	1
d7-N-MeFOSE-M	49.1		20 - 130	10/09/25 14:16	10/10/25 18:24	1
d9-N-EtFOSE-M	44.5		15 - 130	10/09/25 14:16	10/10/25 18:24	1
d5-NEtPFOSA	64.3		10 - 130	10/09/25 14:16	10/10/25 18:24	1
d3-NMePFOSA	68.0		10 - 130	10/09/25 14:16	10/10/25 18:24	1
13C2 PFDoA	77.8		40 - 130	10/09/25 14:16	10/10/25 18:24	1

Method: SW846 6020B - Metals (ICP/MS)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Aluminum	5190		16.9	4.6	mg/Kg	☼	10/11/25 20:55	10/12/25 13:11	1
Antimony	3.6		0.84	0.12	mg/Kg	☼	10/11/25 20:55	10/12/25 13:11	1
Arsenic	10.7		0.84	0.087	mg/Kg	☼	10/11/25 20:55	10/12/25 13:11	1
Barium	41.5		1.7	0.12	mg/Kg	☼	10/11/25 20:55	10/12/25 13:11	1
Beryllium	0.54		0.34	0.019	mg/Kg	☼	10/11/25 20:55	10/12/25 13:11	1
Cadmium	0.26	J	0.84	0.095	mg/Kg	☼	10/11/25 20:55	10/12/25 13:11	1
Calcium	2330		84.3	8.2	mg/Kg	☼	10/11/25 20:55	10/12/25 13:11	1
Chromium	31.5		1.7	0.25	mg/Kg	☼	10/11/25 20:55	10/12/25 13:11	1
Cobalt	5.8		0.84	0.12	mg/Kg	☼	10/11/25 20:55	10/12/25 13:11	1
Copper	62.0		1.7	0.31	mg/Kg	☼	10/11/25 20:55	10/12/25 13:11	1
Iron	21700		50.6	6.5	mg/Kg	☼	10/11/25 20:55	10/12/25 13:11	1
Lead	108		0.51	0.17	mg/Kg	☼	10/11/25 20:55	10/12/25 13:11	1
Magnesium	2330		84.3	8.6	mg/Kg	☼	10/11/25 20:55	10/12/25 13:11	1
Manganese	171		3.4	0.34	mg/Kg	☼	10/11/25 20:55	10/12/25 13:11	1
Nickel	22.9		1.7	0.15	mg/Kg	☼	10/11/25 20:55	10/12/25 13:11	1
Potassium	1320		84.3	13.7	mg/Kg	☼	10/11/25 20:55	10/12/25 13:11	1
Selenium	0.41	J	1.1	0.11	mg/Kg	☼	10/11/25 20:55	10/12/25 13:11	1
Silver	0.32	J	0.34	0.075	mg/Kg	☼	10/11/25 20:55	10/12/25 13:11	1
Sodium	87.8		84.3	38.5	mg/Kg	☼	10/11/25 20:55	10/12/25 13:11	1
Thallium	0.051	J	0.34	0.035	mg/Kg	☼	10/11/25 20:55	10/12/25 13:11	1
Vanadium	26.5		1.7	0.17	mg/Kg	☼	10/11/25 20:55	10/12/25 13:11	1
Zinc	105		6.7	0.92	mg/Kg	☼	10/11/25 20:55	10/12/25 13:11	1

Client: Haley & Aldrich, Inc.
Project/Site: Former Port Mobil

Job ID: 460-336648-1

Client Sample ID: 44E_0-4

Lab Sample ID: 460-336648-9

Date Collected: 10/07/25 08:40
Matrix: Solid
Date Received: 10/07/25 17:15
Percent Solids: 93.4

Method: SW846 7471B - Mercury (CVAA)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	0.034		0.018	0.0084	mg/Kg	☼	10/16/25 01:19	10/16/25 07:48	1

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Percent Moisture (EPA Moisture)	6.6		1.0	1.0	%			10/08/25 18:34	1
Percent Solids (EPA Moisture)	93.4		1.0	1.0	%			10/08/25 18:34	1

Client Sample ID: 44E_4-8

Lab Sample ID: 460-336648-10

Date Collected: 10/07/25 08:45
Matrix: Solid
Date Received: 10/07/25 17:15
Percent Solids: 92.4

Method: SW846 8270E - Semivolatile Organic Compounds (GC/MS)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1'-Biphenyl	0.36	U	0.36	0.012	mg/Kg	☼	10/08/25 20:51	10/09/25 12:09	1
1,2,4,5-Tetrachlorobenzene	0.36	U	0.36	0.011	mg/Kg	☼	10/08/25 20:51	10/09/25 12:09	1
1,4-Dioxane	0.036	U	0.036	0.031	mg/Kg	☼	10/08/25 20:51	10/09/25 12:09	1
2,2'-oxybis[1-chloropropane]	0.36	U	0.36	0.021	mg/Kg	☼	10/08/25 20:51	10/09/25 12:09	1
2,3,4,6-Tetrachlorophenol	0.36	U	0.36	0.024	mg/Kg	☼	10/08/25 20:51	10/09/25 12:09	1
2,4,5-Trichlorophenol	0.36	U	0.36	0.036	mg/Kg	☼	10/08/25 20:51	10/09/25 12:09	1
2,4,6-Trichlorophenol	0.14	U	0.14	0.046	mg/Kg	☼	10/08/25 20:51	10/09/25 12:09	1
2,4-Dichlorophenol	0.14	U	0.14	0.023	mg/Kg	☼	10/08/25 20:51	10/09/25 12:09	1
2,4-Dimethylphenol	0.36	U	0.36	0.043	mg/Kg	☼	10/08/25 20:51	10/09/25 12:09	1
2,4-Dinitrophenol	0.29	U	0.29	0.18	mg/Kg	☼	10/08/25 20:51	10/09/25 12:09	1
2,4-Dinitrotoluene	0.072	U	0.072	0.038	mg/Kg	☼	10/08/25 20:51	10/09/25 12:09	1
2,6-Dinitrotoluene	0.072	U	0.072	0.026	mg/Kg	☼	10/08/25 20:51	10/09/25 12:09	1
2-Chloronaphthalene	0.36	U	0.36	0.046	mg/Kg	☼	10/08/25 20:51	10/09/25 12:09	1
2-Chlorophenol	0.36	U	0.36	0.013	mg/Kg	☼	10/08/25 20:51	10/09/25 12:09	1
2-Methylnaphthalene	0.36	U	0.36	0.010	mg/Kg	☼	10/08/25 20:51	10/09/25 12:09	1
2-Methylphenol	0.36	U	0.36	0.013	mg/Kg	☼	10/08/25 20:51	10/09/25 12:09	1
2-Nitroaniline	0.36	U	0.36	0.027	mg/Kg	☼	10/08/25 20:51	10/09/25 12:09	1
2-Nitrophenol	0.36	U	0.36	0.036	mg/Kg	☼	10/08/25 20:51	10/09/25 12:09	1
3 & 4 Methylphenol	0.36	U	0.36	0.022	mg/Kg	☼	10/08/25 20:51	10/09/25 12:09	1
3,3'-Dichlorobenzidine	0.14	U	0.14	0.054	mg/Kg	☼	10/08/25 20:51	10/09/25 12:09	1
3-Nitroaniline	0.36	U	0.36	0.085	mg/Kg	☼	10/08/25 20:51	10/09/25 12:09	1
4,6-Dinitro-2-methylphenol	0.29	U	0.29	0.15	mg/Kg	☼	10/08/25 20:51	10/09/25 12:09	1
4-Bromophenyl phenyl ether	0.36	U	0.36	0.014	mg/Kg	☼	10/08/25 20:51	10/09/25 12:09	1
4-Chloro-3-methylphenol	0.36	U	0.36	0.020	mg/Kg	☼	10/08/25 20:51	10/09/25 12:09	1
4-Chloroaniline	0.36	U	0.36	0.063	mg/Kg	☼	10/08/25 20:51	10/09/25 12:09	1
4-Chlorophenyl phenyl ether	0.36	U	0.36	0.013	mg/Kg	☼	10/08/25 20:51	10/09/25 12:09	1
4-Methylphenol	0.36	U	0.36	0.022	mg/Kg	☼	10/08/25 20:51	10/09/25 12:09	1
4-Nitroaniline	0.36	U	0.36	0.090	mg/Kg	☼	10/08/25 20:51	10/09/25 12:09	1
4-Nitrophenol	0.72	U	0.72	0.058	mg/Kg	☼	10/08/25 20:51	10/09/25 12:09	1
Acenaphthene	0.36	U	0.36	0.010	mg/Kg	☼	10/08/25 20:51	10/09/25 12:09	1
Acenaphthylene	0.36	U	0.36	0.010	mg/Kg	☼	10/08/25 20:51	10/09/25 12:09	1
Acetophenone	0.36	U	0.36	0.017	mg/Kg	☼	10/08/25 20:51	10/09/25 12:09	1
Anthracene	0.36	U	0.36	0.011	mg/Kg	☼	10/08/25 20:51	10/09/25 12:09	1
Atrazine	0.14	U	0.14	0.021	mg/Kg	☼	10/08/25 20:51	10/09/25 12:09	1
Benzaldehyde	0.36	U	0.36	0.059	mg/Kg	☼	10/08/25 20:51	10/09/25 12:09	1
Benzo[a]anthracene	0.036	U	0.036	0.027	mg/Kg	☼	10/08/25 20:51	10/09/25 12:09	1
Benzo[a]pyrene	0.036	U	0.036	0.0095	mg/Kg	☼	10/08/25 20:51	10/09/25 12:09	1

Client Sample ID: 44E_4-8
Date Collected: 10/07/25 08:45
Date Received: 10/07/25 17:15

Lab Sample ID: 460-336648-10
Matrix: Solid
Percent Solids: 92.4

Method: SW846 8270E - Semivolatile Organic Compounds (GC/MS) (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzo[b]fluoranthene	0.036	U	0.036	0.0092	mg/Kg	☼	10/08/25 20:51	10/09/25 12:09	1
Benzo[g,h,i]perylene	0.36	U	0.36	0.011	mg/Kg	☼	10/08/25 20:51	10/09/25 12:09	1
Benzo[k]fluoranthene	0.036	U	0.036	0.0070	mg/Kg	☼	10/08/25 20:51	10/09/25 12:09	1
Bis(2-chloroethoxy)methane	0.36	U	0.36	0.066	mg/Kg	☼	10/08/25 20:51	10/09/25 12:09	1
Bis(2-chloroethyl)ether	0.036	U	0.036	0.012	mg/Kg	☼	10/08/25 20:51	10/09/25 12:09	1
Bis(2-ethylhexyl) phthalate	0.36	U	0.36	0.019	mg/Kg	☼	10/08/25 20:51	10/09/25 12:09	1
Butyl benzyl phthalate	0.36	U	0.36	0.017	mg/Kg	☼	10/08/25 20:51	10/09/25 12:09	1
Caprolactam	0.36	U	0.36	0.055	mg/Kg	☼	10/08/25 20:51	10/09/25 12:09	1
Carbazole	0.36	U	0.36	0.014	mg/Kg	☼	10/08/25 20:51	10/09/25 12:09	1
Chrysene	0.36	U	0.36	0.015	mg/Kg	☼	10/08/25 20:51	10/09/25 12:09	1
Dibenz(a,h)anthracene	0.036	U	0.036	0.015	mg/Kg	☼	10/08/25 20:51	10/09/25 12:09	1
Dibenzofuran	0.36	U	0.36	0.012	mg/Kg	☼	10/08/25 20:51	10/09/25 12:09	1
Diethyl phthalate	0.36	U	0.36	0.011	mg/Kg	☼	10/08/25 20:51	10/09/25 12:09	1
Dimethyl phthalate	0.36	U	0.36	0.081	mg/Kg	☼	10/08/25 20:51	10/09/25 12:09	1
Di-n-butyl phthalate	0.36	U	0.36	0.013	mg/Kg	☼	10/08/25 20:51	10/09/25 12:09	1
Di-n-octyl phthalate	0.36	U	0.36	0.019	mg/Kg	☼	10/08/25 20:51	10/09/25 12:09	1
Fluoranthene	0.36	U	0.36	0.012	mg/Kg	☼	10/08/25 20:51	10/09/25 12:09	1
Fluorene	0.36	U	0.36	0.010	mg/Kg	☼	10/08/25 20:51	10/09/25 12:09	1
Hexachlorobenzene	0.036	U	0.036	0.017	mg/Kg	☼	10/08/25 20:51	10/09/25 12:09	1
Hexachlorobutadiene	0.072	U	0.072	0.0076	mg/Kg	☼	10/08/25 20:51	10/09/25 12:09	1
Hexachlorocyclopentadiene	0.36	U	0.36	0.031	mg/Kg	☼	10/08/25 20:51	10/09/25 12:09	1
Hexachloroethane	0.036	U	0.036	0.012	mg/Kg	☼	10/08/25 20:51	10/09/25 12:09	1
Indeno[1,2,3-cd]pyrene	0.036	U	0.036	0.014	mg/Kg	☼	10/08/25 20:51	10/09/25 12:09	1
Isophorone	0.14	U	0.14	0.10	mg/Kg	☼	10/08/25 20:51	10/09/25 12:09	1
Naphthalene	0.36	U	0.36	0.0062	mg/Kg	☼	10/08/25 20:51	10/09/25 12:09	1
Nitrobenzene	0.036	U	0.036	0.020	mg/Kg	☼	10/08/25 20:51	10/09/25 12:09	1
N-Nitrosodi-n-propylamine	0.036	U	0.036	0.026	mg/Kg	☼	10/08/25 20:51	10/09/25 12:09	1
N-Nitrosodiphenylamine	0.36	U	0.36	0.029	mg/Kg	☼	10/08/25 20:51	10/09/25 12:09	1
Pentachlorophenol	0.29	U	0.29	0.073	mg/Kg	☼	10/08/25 20:51	10/09/25 12:09	1
Phenanthrene	0.36	U	0.36	0.015	mg/Kg	☼	10/08/25 20:51	10/09/25 12:09	1
Phenol	0.36	U	0.36	0.013	mg/Kg	☼	10/08/25 20:51	10/09/25 12:09	1
Pyrene	0.36	U	0.36	0.0089	mg/Kg	☼	10/08/25 20:51	10/09/25 12:09	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
2,4,6-Tribromophenol (Surr)	*59*		*18 - 137*	*10/08/25 20:51*	*10/09/25 12:09*	*1*
2-Fluorobiphenyl	*59*		*33 - 117*	*10/08/25 20:51*	*10/09/25 12:09*	*1*
2-Fluorophenol (Surr)	*67*		*24 - 120*	*10/08/25 20:51*	*10/09/25 12:09*	*1*
Nitrobenzene-d5 (Surr)	*61*		*27 - 120*	*10/08/25 20:51*	*10/09/25 12:09*	*1*
Phenol-d5 (Surr)	*63*		*28 - 118*	*10/08/25 20:51*	*10/09/25 12:09*	*1*
Terphenyl-d14 (Surr)	*61*		*33 - 124*	*10/08/25 20:51*	*10/09/25 12:09*	*1*

Method: SW846 8081B - Organochlorine Pesticides (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
4,4'-DDD	0.0073	U	0.0073	0.0012	mg/Kg	☼	10/08/25 16:51	10/09/25 17:30	1
4,4'-DDE	0.0073	U	0.0073	0.00086	mg/Kg	☼	10/08/25 16:51	10/09/25 17:30	1
4,4'-DDT	0.0073	U	0.0073	0.0013	mg/Kg	☼	10/08/25 16:51	10/09/25 17:30	1
Aldrin	0.0073	U	0.0073	0.0011	mg/Kg	☼	10/08/25 16:51	10/09/25 17:30	1
alpha-BHC	0.0022	U	0.0022	0.00074	mg/Kg	☼	10/08/25 16:51	10/09/25 17:30	1
beta-BHC	0.0022	U	0.0022	0.00081	mg/Kg	☼	10/08/25 16:51	10/09/25 17:30	1
Chlordane (technical)	0.073	U	0.073	0.018	mg/Kg	☼	10/08/25 16:51	10/09/25 17:30	1

Client Sample ID: 44E_4-8
Date Collected: 10/07/25 08:45
Date Received: 10/07/25 17:15

Lab Sample ID: 460-336648-10
Matrix: Solid
Percent Solids: 92.4

Method: SW846 8081B - Organochlorine Pesticides (GC) (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
cis-Chlordane	0.0073	U	0.0073	0.0011	mg/Kg	☼	10/08/25 16:51	10/09/25 17:30	1
delta-BHC	0.0022	U	0.0022	0.00044	mg/Kg	☼	10/08/25 16:51	10/09/25 17:30	1
Dieldrin	0.0022	U	0.0022	0.00094	mg/Kg	☼	10/08/25 16:51	10/09/25 17:30	1
Endosulfan I	0.0073	U	0.0073	0.0011	mg/Kg	☼	10/08/25 16:51	10/09/25 17:30	1
Endosulfan II	0.0073	U	0.0073	0.0019	mg/Kg	☼	10/08/25 16:51	10/09/25 17:30	1
Endosulfan sulfate	0.0073	U	0.0073	0.00091	mg/Kg	☼	10/08/25 16:51	10/09/25 17:30	1
Endrin	0.0073	U	0.0073	0.0010	mg/Kg	☼	10/08/25 16:51	10/09/25 17:30	1
Endrin aldehyde	0.0073	U	0.0073	0.0017	mg/Kg	☼	10/08/25 16:51	10/09/25 17:30	1
Endrin ketone	0.0073	U	0.0073	0.0014	mg/Kg	☼	10/08/25 16:51	10/09/25 17:30	1
gamma-BHC (Lindane)	0.0022	U	0.0022	0.00067	mg/Kg	☼	10/08/25 16:51	10/09/25 17:30	1
Heptachlor	0.0073	U	0.0073	0.00086	mg/Kg	☼	10/08/25 16:51	10/09/25 17:30	1
Heptachlor epoxide	0.0073	U	0.0073	0.0011	mg/Kg	☼	10/08/25 16:51	10/09/25 17:30	1
Methoxychlor	0.0073	U	0.0073	0.0017	mg/Kg	☼	10/08/25 16:51	10/09/25 17:30	1
Toxaphene	0.073	U	0.073	0.026	mg/Kg	☼	10/08/25 16:51	10/09/25 17:30	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
DCB Decachlorobiphenyl	*80*		*10 - 150*	*10/08/25 16:51*	*10/09/25 17:30*	*1*
DCB Decachlorobiphenyl	*96*		*10 - 150*	*10/08/25 16:51*	*10/09/25 17:30*	*1*
Tetrachloro-m-xylene	*76*		*14 - 150*	*10/08/25 16:51*	*10/09/25 17:30*	*1*
Tetrachloro-m-xylene	*78*		*14 - 150*	*10/08/25 16:51*	*10/09/25 17:30*	*1*

Method: SW846 8082A - Polychlorinated Biphenyls (PCBs) by Gas Chromatography

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Aroclor 1016	0.073	U	0.073	0.019	mg/Kg	☼	10/08/25 16:43	10/09/25 18:03	1
Aroclor 1221	0.073	U	0.073	0.019	mg/Kg	☼	10/08/25 16:43	10/09/25 18:03	1
Aroclor 1232	0.073	U	0.073	0.019	mg/Kg	☼	10/08/25 16:43	10/09/25 18:03	1
Aroclor 1242	0.073	U	0.073	0.019	mg/Kg	☼	10/08/25 16:43	10/09/25 18:03	1
Aroclor 1248	0.073	U	0.073	0.019	mg/Kg	☼	10/08/25 16:43	10/09/25 18:03	1
Aroclor 1254	0.073	U	0.073	0.019	mg/Kg	☼	10/08/25 16:43	10/09/25 18:03	1
Aroclor 1260	0.073	U	0.073	0.019	mg/Kg	☼	10/08/25 16:43	10/09/25 18:03	1
Aroclor-1262	0.073	U	0.073	0.019	mg/Kg	☼	10/08/25 16:43	10/09/25 18:03	1
Aroclor 1268	0.073	U	0.073	0.019	mg/Kg	☼	10/08/25 16:43	10/09/25 18:03	1
Polychlorinated biphenyls, Total	0.073	U	0.073	0.019	mg/Kg	☼	10/08/25 16:43	10/09/25 18:03	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
DCB Decachlorobiphenyl	*104*		*10 - 150*	*10/08/25 16:43*	*10/09/25 18:03*	*1*
DCB Decachlorobiphenyl	*128*		*10 - 150*	*10/08/25 16:43*	*10/09/25 18:03*	*1*
Tetrachloro-m-xylene	*107*		*10 - 150*	*10/08/25 16:43*	*10/09/25 18:03*	*1*
Tetrachloro-m-xylene	*105*		*10 - 150*	*10/08/25 16:43*	*10/09/25 18:03*	*1*

Method: EPA 1633A - Per- and Polyfluoroalkyl Substances by LC/MS/MS, 1633A

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Perfluorobutanoic acid (PFBA)	0.40	U	0.40	0.10	ug/Kg	☼	10/09/25 14:16	10/10/25 19:05	1
Perfluoropentanoic acid (PFPeA)	0.20	U	0.20	0.10	ug/Kg	☼	10/09/25 14:16	10/10/25 19:05	1
Perfluorohexanoic acid (PFHxA)	0.20	U	0.20	0.10	ug/Kg	☼	10/09/25 14:16	10/10/25 19:05	1
Perfluoroheptanoic acid (PFHpA)	0.20	U	0.20	0.10	ug/Kg	☼	10/09/25 14:16	10/10/25 19:05	1
Perfluorooctanoic acid (PFOA)	**0.094**	**J**	0.20	0.060	ug/Kg	☼	10/09/25 14:16	10/10/25 19:05	1
Perfluorononanoic acid (PFNA)	**0.25**	**I**	0.20	0.10	ug/Kg	☼	10/09/25 14:16	10/10/25 19:05	1
Perfluorodecanoic acid (PFDA)	**0.44**		0.20	0.060	ug/Kg	☼	10/09/25 14:16	10/10/25 19:05	1
Perfluoroundecanoic acid (PFUnA)	**3.11**		0.20	0.10	ug/Kg	☼	10/09/25 14:16	10/10/25 19:05	1

Client: Haley & Aldrich, Inc.
Project/Site: Former Port Mobil

Job ID: 460-336648-1

Client Sample ID: 44E_4-8
Date Collected: 10/07/25 08:45
Date Received: 10/07/25 17:15

Lab Sample ID: 460-336648-10
Matrix: Solid
Percent Solids: 92.4

Method: EPA 1633A - Per- and Polyfluoroalkyl Substances by LC/MS/MS, 1633A (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Perfluorododecanoic acid (PFDoA)	**0.71**		0.20	0.10	ug/Kg	☼	10/09/25 14:16	10/10/25 19:05	1
Perfluorotridecanoic acid (PFTrDA)	**2.33**		0.20	0.10	ug/Kg	☼	10/09/25 14:16	10/10/25 19:05	1
Perfluorotetradecanoic acid (PFTeDA)	**0.21**		0.20	0.10	ug/Kg	☼	10/09/25 14:16	10/10/25 19:05	1
Perfluorobutanesulfonic acid (PFBS)	0.20	U	0.20	0.10	ug/Kg	☼	10/09/25 14:16	10/10/25 19:05	1
Perfluoropentanesulfonic acid (PFPeS)	0.20	U	0.20	0.10	ug/Kg	☼	10/09/25 14:16	10/10/25 19:05	1
Perfluorohexanesulfonic acid (PFHxS)	0.20	U	0.20	0.10	ug/Kg	☼	10/09/25 14:16	10/10/25 19:05	1
Perfluoroheptanesulfonic acid (PFHpS)	0.20	U	0.20	0.10	ug/Kg	☼	10/09/25 14:16	10/10/25 19:05	1
Perfluorooctanesulfonic acid (PFOS)	0.20	U	0.20	0.10	ug/Kg	☼	10/09/25 14:16	10/10/25 19:05	1
Perfluorononanesulfonic acid (PFNS)	0.20	U	0.20	0.10	ug/Kg	☼	10/09/25 14:16	10/10/25 19:05	1
Perfluorodecanesulfonic acid (PFDS)	0.20	U	0.20	0.10	ug/Kg	☼	10/09/25 14:16	10/10/25 19:05	1
Perfluorododecanesulfonic acid (PFDoS)	0.20	U	0.20	0.10	ug/Kg	☼	10/09/25 14:16	10/10/25 19:05	1
1H,1H,2H,2H-Perfluorohexane sulfonic acid (4:2 FTS)	0.40	U	0.40	0.20	ug/Kg	☼	10/09/25 14:16	10/10/25 19:05	1
1H,1H,2H,2H-Perfluorooctane sulfonic acid (6:2 FTS)	0.40	U	0.40	0.20	ug/Kg	☼	10/09/25 14:16	10/10/25 19:05	1
1H,1H,2H,2H-Perfluorodecane sulfonic acid (8:2 FTS)	**0.53**		0.40	0.20	ug/Kg	☼	10/09/25 14:16	10/10/25 19:05	1
Perfluorooctanesulfonamide (PFOSA)	0.20	U	0.20	0.10	ug/Kg	☼	10/09/25 14:16	10/10/25 19:05	1
N-methylperfluorooctane sulfonamide (NMeFOSA)	0.20	U	0.20	0.10	ug/Kg	☼	10/09/25 14:16	10/10/25 19:05	1
N-ethylperfluorooctane sulfonamide (NEtFOSA)	0.20	U	0.20	0.10	ug/Kg	☼	10/09/25 14:16	10/10/25 19:05	1
N-methylperfluorooctanesulfonamidoacetic acid (NMeFOSAA)	0.20	U	0.20	0.10	ug/Kg	☼	10/09/25 14:16	10/10/25 19:05	1
N-ethylperfluorooctanesulfonamidoacetic acid (NEtFOSAA)	0.20	U	0.20	0.10	ug/Kg	☼	10/09/25 14:16	10/10/25 19:05	1
N-methylperfluorooctane sulfonamidoethanol (NMeFOSE)	1.00	U	1.00	0.50	ug/Kg	☼	10/09/25 14:16	10/10/25 19:05	1
N-ethylperfluorooctane sulfonamidoethanol (NEtFOSE)	1.00	U	1.00	0.50	ug/Kg	☼	10/09/25 14:16	10/10/25 19:05	1
Hexafluoropropylene Oxide Dimer Acid (HFPO-DA)	0.20	U	0.20	0.10	ug/Kg	☼	10/09/25 14:16	10/10/25 19:05	1
4,8-Dioxa-3H-perfluorononanoic acid (ADONA)	0.20	U	0.20	0.10	ug/Kg	☼	10/09/25 14:16	10/10/25 19:05	1
Perfluoro-3-methoxypropanoic acid (PFMPA)	0.20	U	0.20	0.10	ug/Kg	☼	10/09/25 14:16	10/10/25 19:05	1
Perfluoro-4-methoxybutanoic acid (PFMBA)	0.20	U	0.20	0.10	ug/Kg	☼	10/09/25 14:16	10/10/25 19:05	1
Nonafluoro-3,6-dioxaheptanoic acid (NFDHA)	0.20	U	0.20	0.10	ug/Kg	☼	10/09/25 14:16	10/10/25 19:05	1
9-Chlorohexadecafluoro-3-oxanonane-1-sulfonic acid (9Cl-PF3ONS)	0.20	U	0.20	0.10	ug/Kg	☼	10/09/25 14:16	10/10/25 19:05	1
11-Chloroeicosafluoro-3-oxaundecane-1-sulfonic acid (11Cl-PF3OUdS)	0.20	U	0.20	0.10	ug/Kg	☼	10/09/25 14:16	10/10/25 19:05	1
Perfluoro (2-ethoxyethane) sulfonic acid (PFEESA)	0.20	U	0.20	0.10	ug/Kg	☼	10/09/25 14:16	10/10/25 19:05	1
3-Perfluoropropylpropanoic acid (3:3 FTCA)	0.40	U	0.40	0.20	ug/Kg	☼	10/09/25 14:16	10/10/25 19:05	1
3-Perfluoropentylpropanoic acid (5:3 FTCA)	1.00	U	1.00	0.50	ug/Kg	☼	10/09/25 14:16	10/10/25 19:05	1

Client Sample ID: 44E_4-8
Date Collected: 10/07/25 08:45
Date Received: 10/07/25 17:15

Lab Sample ID: 460-336648-10
Matrix: Solid
Percent Solids: 92.4

Method: EPA 1633A - Per- and Polyfluoroalkyl Substances by LC/MS/MS, 1633A (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
3-Perfluoroheptylpropanoic acid (7:3 FTCA)	0.79	J	1.00	0.50	ug/Kg	☼	10/09/25 14:16	10/10/25 19:05	1

Isotope Dilution	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
13C4 PFBA	*86.5*		*8 - 130*	*10/09/25 14:16*	*10/10/25 19:05*	*1*
13C5 PFPeA	*94.2*		*35 - 130*	*10/09/25 14:16*	*10/10/25 19:05*	*1*
13C5 PFHxA	*87.5*		*40 - 130*	*10/09/25 14:16*	*10/10/25 19:05*	*1*
13C4 PFHpA	*94.7*		*40 - 130*	*10/09/25 14:16*	*10/10/25 19:05*	*1*
13C8 PFOA	*87.1*		*40 - 130*	*10/09/25 14:16*	*10/10/25 19:05*	*1*
13C9 PFNA	*84.2*		*40 - 130*	*10/09/25 14:16*	*10/10/25 19:05*	*1*
13C6 PFDA	*81.5*		*40 - 130*	*10/09/25 14:16*	*10/10/25 19:05*	*1*
13C7 PFUnA	*74.0*		*40 - 130*	*10/09/25 14:16*	*10/10/25 19:05*	*1*
13C2 PFTeDA	*57.2*		*20 - 130*	*10/09/25 14:16*	*10/10/25 19:05*	*1*
13C3 PFBS	*83.0*		*40 - 135*	*10/09/25 14:16*	*10/10/25 19:05*	*1*
13C3 PFHxS	*81.7*		*40 - 130*	*10/09/25 14:16*	*10/10/25 19:05*	*1*
13C8 PFOS	*77.9*		*40 - 130*	*10/09/25 14:16*	*10/10/25 19:05*	*1*
13C8 FOSA	*76.6*		*40 - 130*	*10/09/25 14:16*	*10/10/25 19:05*	*1*
d3-NMeFOSAA	*67.0*		*40 - 135*	*10/09/25 14:16*	*10/10/25 19:05*	*1*
d5-NEtFOSAA	*73.1*		*40 - 150*	*10/09/25 14:16*	*10/10/25 19:05*	*1*
13C2 4:2 FTS	*144*		*40 - 165*	*10/09/25 14:16*	*10/10/25 19:05*	*1*
13C2 6:2 FTS	*123*		*40 - 215*	*10/09/25 14:16*	*10/10/25 19:05*	*1*
13C2 8:2 FTS	*98.0*		*40 - 275*	*10/09/25 14:16*	*10/10/25 19:05*	*1*
13C3 HFPO-DA	*101*		*40 - 130*	*10/09/25 14:16*	*10/10/25 19:05*	*1*
d7-N-MeFOSE-M	*43.2*		*20 - 130*	*10/09/25 14:16*	*10/10/25 19:05*	*1*
d9-N-EtFOSE-M	*37.4*		*15 - 130*	*10/09/25 14:16*	*10/10/25 19:05*	*1*
d5-NEtPFOSA	*60.5*		*10 - 130*	*10/09/25 14:16*	*10/10/25 19:05*	*1*
d3-NMePFOSA	*67.7*		*10 - 130*	*10/09/25 14:16*	*10/10/25 19:05*	*1*
13C2 PFDoA	*72.1*		*40 - 130*	*10/09/25 14:16*	*10/10/25 19:05*	*1*

Method: SW846 6020B - Metals (ICP/MS)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Aluminum	5150		16.8	4.6	mg/Kg	☼	10/11/25 20:55	10/12/25 13:13	1
Antimony	2.4		0.84	0.12	mg/Kg	☼	10/11/25 20:55	10/12/25 13:13	1
Arsenic	9.2		0.84	0.086	mg/Kg	☼	10/11/25 20:55	10/12/25 13:13	1
Barium	34.6		1.7	0.12	mg/Kg	☼	10/11/25 20:55	10/12/25 13:13	1
Beryllium	0.55		0.34	0.018	mg/Kg	☼	10/11/25 20:55	10/12/25 13:13	1
Cadmium	0.59	J	0.84	0.095	mg/Kg	☼	10/11/25 20:55	10/12/25 13:13	1
Calcium	1160		83.9	8.2	mg/Kg	☼	10/11/25 20:55	10/12/25 13:13	1
Chromium	27.9		1.7	0.25	mg/Kg	☼	10/11/25 20:55	10/12/25 13:13	1
Cobalt	5.7		0.84	0.12	mg/Kg	☼	10/11/25 20:55	10/12/25 13:13	1
Copper	49.6		1.7	0.31	mg/Kg	☼	10/11/25 20:55	10/12/25 13:13	1
Iron	20200		50.4	6.4	mg/Kg	☼	10/11/25 20:55	10/12/25 13:13	1
Lead	100		0.50	0.17	mg/Kg	☼	10/11/25 20:55	10/12/25 13:13	1
Magnesium	1630		83.9	8.6	mg/Kg	☼	10/11/25 20:55	10/12/25 13:13	1
Manganese	150		3.4	0.34	mg/Kg	☼	10/11/25 20:55	10/12/25 13:13	1
Nickel	20.3		1.7	0.15	mg/Kg	☼	10/11/25 20:55	10/12/25 13:13	1
Potassium	1340		83.9	13.6	mg/Kg	☼	10/11/25 20:55	10/12/25 13:13	1
Selenium	0.42	J	1.0	0.11	mg/Kg	☼	10/11/25 20:55	10/12/25 13:13	1
Silver	0.22	J	0.34	0.075	mg/Kg	☼	10/11/25 20:55	10/12/25 13:13	1
Sodium	57.3	J	83.9	38.4	mg/Kg	☼	10/11/25 20:55	10/12/25 13:13	1
Thallium	0.053	J	0.34	0.034	mg/Kg	☼	10/11/25 20:55	10/12/25 13:13	1

Client Sample ID: 44E_4-8

Lab Sample ID: 460-336648-10

Date Collected: 10/07/25 08:45
Matrix: Solid
Date Received: 10/07/25 17:15
Percent Solids: 92.4

Method: SW846 6020B - Metals (ICP/MS) (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Vanadium	26.3		1.7	0.17	mg/Kg	☼	10/11/25 20:55	10/12/25 13:13	1
Zinc	121		6.7	0.91	mg/Kg	☼	10/11/25 20:55	10/12/25 13:13	1

Method: SW846 7471B - Mercury (CVAA)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	0.030		0.016	0.0078	mg/Kg	☼	10/16/25 01:19	10/16/25 07:51	1

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Percent Moisture (EPA Moisture)	7.6		1.0	1.0	%			10/08/25 18:34	1
Percent Solids (EPA Moisture)	92.4		1.0	1.0	%			10/08/25 18:34	1

Client Sample ID: 44F_0-4

Lab Sample ID: 460-336648-11

Date Collected: 10/07/25 08:50
Matrix: Solid
Date Received: 10/07/25 17:15
Percent Solids: 93.2

Method: SW846 8270E - Semivolatile Organic Compounds (GC/MS)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1'-Biphenyl	0.35	U	0.35	0.012	mg/Kg	☼	10/08/25 20:51	10/09/25 12:26	1
1,2,4,5-Tetrachlorobenzene	0.35	U	0.35	0.011	mg/Kg	☼	10/08/25 20:51	10/09/25 12:26	1
1,4-Dioxane	0.035	U	0.035	0.031	mg/Kg	☼	10/08/25 20:51	10/09/25 12:26	1
2,2'-oxybis[1-chloropropane]	0.35	U	0.35	0.021	mg/Kg	☼	10/08/25 20:51	10/09/25 12:26	1
2,3,4,6-Tetrachlorophenol	0.35	U	0.35	0.024	mg/Kg	☼	10/08/25 20:51	10/09/25 12:26	1
2,4,5-Trichlorophenol	0.35	U	0.35	0.036	mg/Kg	☼	10/08/25 20:51	10/09/25 12:26	1
2,4,6-Trichlorophenol	0.14	U	0.14	0.045	mg/Kg	☼	10/08/25 20:51	10/09/25 12:26	1
2,4-Dichlorophenol	0.14	U	0.14	0.023	mg/Kg	☼	10/08/25 20:51	10/09/25 12:26	1
2,4-Dimethylphenol	0.35	U	0.35	0.042	mg/Kg	☼	10/08/25 20:51	10/09/25 12:26	1
2,4-Dinitrophenol	0.28	U	0.28	0.17	mg/Kg	☼	10/08/25 20:51	10/09/25 12:26	1
2,4-Dinitrotoluene	0.072	U	0.072	0.038	mg/Kg	☼	10/08/25 20:51	10/09/25 12:26	1
2,6-Dinitrotoluene	0.072	U	0.072	0.026	mg/Kg	☼	10/08/25 20:51	10/09/25 12:26	1
2-Chloronaphthalene	0.35	U	0.35	0.045	mg/Kg	☼	10/08/25 20:51	10/09/25 12:26	1
2-Chlorophenol	0.35	U	0.35	0.013	mg/Kg	☼	10/08/25 20:51	10/09/25 12:26	1
2-Methylnaphthalene	0.35	U	0.35	0.0099	mg/Kg	☼	10/08/25 20:51	10/09/25 12:26	1
2-Methylphenol	0.35	U	0.35	0.013	mg/Kg	☼	10/08/25 20:51	10/09/25 12:26	1
2-Nitroaniline	0.35	U	0.35	0.027	mg/Kg	☼	10/08/25 20:51	10/09/25 12:26	1
2-Nitrophenol	0.35	U	0.35	0.035	mg/Kg	☼	10/08/25 20:51	10/09/25 12:26	1
3 & 4 Methylphenol	0.35	U	0.35	0.022	mg/Kg	☼	10/08/25 20:51	10/09/25 12:26	1
3,3'-Dichlorobenzidine	0.14	U	0.14	0.053	mg/Kg	☼	10/08/25 20:51	10/09/25 12:26	1
3-Nitroaniline	0.35	U	0.35	0.084	mg/Kg	☼	10/08/25 20:51	10/09/25 12:26	1
4,6-Dinitro-2-methylphenol	0.28	U	0.28	0.14	mg/Kg	☼	10/08/25 20:51	10/09/25 12:26	1
4-Bromophenyl phenyl ether	0.35	U	0.35	0.014	mg/Kg	☼	10/08/25 20:51	10/09/25 12:26	1
4-Chloro-3-methylphenol	0.35	U	0.35	0.020	mg/Kg	☼	10/08/25 20:51	10/09/25 12:26	1
4-Chloroaniline	0.35	U	0.35	0.063	mg/Kg	☼	10/08/25 20:51	10/09/25 12:26	1
4-Chlorophenyl phenyl ether	0.35	U	0.35	0.012	mg/Kg	☼	10/08/25 20:51	10/09/25 12:26	1
4-Methylphenol	0.35	U	0.35	0.022	mg/Kg	☼	10/08/25 20:51	10/09/25 12:26	1
4-Nitroaniline	0.35	U	0.35	0.090	mg/Kg	☼	10/08/25 20:51	10/09/25 12:26	1
4-Nitrophenol	0.72	U	0.72	0.058	mg/Kg	☼	10/08/25 20:51	10/09/25 12:26	1
Acenaphthene	0.35	U	0.35	0.010	mg/Kg	☼	10/08/25 20:51	10/09/25 12:26	1
Acenaphthylene	0.35	U	0.35	0.010	mg/Kg	☼	10/08/25 20:51	10/09/25 12:26	1
Acetophenone	0.35	U	0.35	0.017	mg/Kg	☼	10/08/25 20:51	10/09/25 12:26	1

Client Sample ID: 44F_0-4
Date Collected: 10/07/25 08:50
Date Received: 10/07/25 17:15

Lab Sample ID: 460-336648-11
Matrix: Solid
Percent Solids: 93.2

Method: SW846 8270E - Semivolatile Organic Compounds (GC/MS) (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Anthracene	0.35	U	0.35	0.011	mg/Kg	☼	10/08/25 20:51	10/09/25 12:26	1
Atrazine	0.14	U	0.14	0.021	mg/Kg	☼	10/08/25 20:51	10/09/25 12:26	1
Benzaldehyde	0.35	U	0.35	0.058	mg/Kg	☼	10/08/25 20:51	10/09/25 12:26	1
Benzo[a]anthracene	0.035	U	0.035	0.027	mg/Kg	☼	10/08/25 20:51	10/09/25 12:26	1
Benzo[a]pyrene	0.035	U	0.035	0.0094	mg/Kg	☼	10/08/25 20:51	10/09/25 12:26	1
Benzo[b]fluoranthene	0.035	U	0.035	0.0091	mg/Kg	☼	10/08/25 20:51	10/09/25 12:26	1
Benzo[g,h,i]perylene	0.35	U	0.35	0.010	mg/Kg	☼	10/08/25 20:51	10/09/25 12:26	1
Benzo[k]fluoranthene	0.035	U	0.035	0.0069	mg/Kg	☼	10/08/25 20:51	10/09/25 12:26	1
Bis(2-chloroethoxy)methane	0.35	U	0.35	0.065	mg/Kg	☼	10/08/25 20:51	10/09/25 12:26	1
Bis(2-chloroethyl)ether	0.035	U	0.035	0.012	mg/Kg	☼	10/08/25 20:51	10/09/25 12:26	1
Bis(2-ethylhexyl) phthalate	0.35	U	0.35	0.019	mg/Kg	☼	10/08/25 20:51	10/09/25 12:26	1
Butyl benzyl phthalate	0.35	U	0.35	0.017	mg/Kg	☼	10/08/25 20:51	10/09/25 12:26	1
Caprolactam	0.35	U	0.35	0.055	mg/Kg	☼	10/08/25 20:51	10/09/25 12:26	1
Carbazole	0.35	U	0.35	0.013	mg/Kg	☼	10/08/25 20:51	10/09/25 12:26	1
Chrysene	0.35	U	0.35	0.015	mg/Kg	☼	10/08/25 20:51	10/09/25 12:26	1
Dibenz(a,h)anthracene	0.035	U	0.035	0.015	mg/Kg	☼	10/08/25 20:51	10/09/25 12:26	1
Dibenzofuran	0.35	U	0.35	0.012	mg/Kg	☼	10/08/25 20:51	10/09/25 12:26	1
Diethyl phthalate	0.35	U	0.35	0.011	mg/Kg	☼	10/08/25 20:51	10/09/25 12:26	1
Dimethyl phthalate	0.35	U	0.35	0.080	mg/Kg	☼	10/08/25 20:51	10/09/25 12:26	1
Di-n-butyl phthalate	0.35	U	0.35	0.013	mg/Kg	☼	10/08/25 20:51	10/09/25 12:26	1
Di-n-octyl phthalate	0.35	U	0.35	0.019	mg/Kg	☼	10/08/25 20:51	10/09/25 12:26	1
Fluoranthene	0.35	U	0.35	0.012	mg/Kg	☼	10/08/25 20:51	10/09/25 12:26	1
Fluorene	0.35	U	0.35	0.010	mg/Kg	☼	10/08/25 20:51	10/09/25 12:26	1
Hexachlorobenzene	0.035	U	0.035	0.017	mg/Kg	☼	10/08/25 20:51	10/09/25 12:26	1
Hexachlorobutadiene	0.072	U	0.072	0.0075	mg/Kg	☼	10/08/25 20:51	10/09/25 12:26	1
Hexachlorocyclopentadiene	0.35	U	0.35	0.031	mg/Kg	☼	10/08/25 20:51	10/09/25 12:26	1
Hexachloroethane	0.035	U	0.035	0.012	mg/Kg	☼	10/08/25 20:51	10/09/25 12:26	1
Indeno[1,2,3-cd]pyrene	0.035	U	0.035	0.014	mg/Kg	☼	10/08/25 20:51	10/09/25 12:26	1
Isophorone	0.14	U	0.14	0.10	mg/Kg	☼	10/08/25 20:51	10/09/25 12:26	1
Naphthalene	0.35	U	0.35	0.0061	mg/Kg	☼	10/08/25 20:51	10/09/25 12:26	1
Nitrobenzene	0.035	U	0.035	0.020	mg/Kg	☼	10/08/25 20:51	10/09/25 12:26	1
N-Nitrosodi-n-propylamine	0.035	U	0.035	0.026	mg/Kg	☼	10/08/25 20:51	10/09/25 12:26	1
N-Nitrosodiphenylamine	0.35	U	0.35	0.029	mg/Kg	☼	10/08/25 20:51	10/09/25 12:26	1
Pentachlorophenol	0.28	U	0.28	0.072	mg/Kg	☼	10/08/25 20:51	10/09/25 12:26	1
Phenanthrene	0.35	U	0.35	0.014	mg/Kg	☼	10/08/25 20:51	10/09/25 12:26	1
Phenol	0.35	U	0.35	0.013	mg/Kg	☼	10/08/25 20:51	10/09/25 12:26	1
Pyrene	0.35	U	0.35	0.0088	mg/Kg	☼	10/08/25 20:51	10/09/25 12:26	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
2,4,6-Tribromophenol (Surr)	*65*		*18 - 137*	*10/08/25 20:51*	*10/09/25 12:26*	*1*
2-Fluorobiphenyl	*67*		*33 - 117*	*10/08/25 20:51*	*10/09/25 12:26*	*1*
2-Fluorophenol (Surr)	*71*		*24 - 120*	*10/08/25 20:51*	*10/09/25 12:26*	*1*
Nitrobenzene-d5 (Surr)	*68*		*27 - 120*	*10/08/25 20:51*	*10/09/25 12:26*	*1*
Phenol-d5 (Surr)	*68*		*28 - 118*	*10/08/25 20:51*	*10/09/25 12:26*	*1*
Terphenyl-d14 (Surr)	*66*		*33 - 124*	*10/08/25 20:51*	*10/09/25 12:26*	*1*

Method: SW846 8081B - Organochlorine Pesticides (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
4,4'-DDD	0.0072	U	0.0072	0.0012	mg/Kg	☼	10/08/25 16:51	10/09/25 17:43	1
4,4'-DDE	0.0072	U	0.0072	0.00085	mg/Kg	☼	10/08/25 16:51	10/09/25 17:43	1

Client Sample ID: 44F_0-4
Date Collected: 10/07/25 08:50
Date Received: 10/07/25 17:15

Lab Sample ID: 460-336648-11
Matrix: Solid
Percent Solids: 93.2

Method: SW846 8081B - Organochlorine Pesticides (GC) (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
4,4'-DDT	0.0072	U	0.0072	0.0013	mg/Kg	☼	10/08/25 16:51	10/09/25 17:43	1
Aldrin	0.0072	U	0.0072	0.0011	mg/Kg	☼	10/08/25 16:51	10/09/25 17:43	1
alpha-BHC	0.0021	U	0.0021	0.00073	mg/Kg	☼	10/08/25 16:51	10/09/25 17:43	1
beta-BHC	0.0021	U	0.0021	0.00080	mg/Kg	☼	10/08/25 16:51	10/09/25 17:43	1
Chlordane (technical)	0.072	U	0.072	0.017	mg/Kg	☼	10/08/25 16:51	10/09/25 17:43	1
cis-Chlordane	0.0072	U	0.0072	0.0011	mg/Kg	☼	10/08/25 16:51	10/09/25 17:43	1
delta-BHC	0.0021	U	0.0021	0.00044	mg/Kg	☼	10/08/25 16:51	10/09/25 17:43	1
Dieldrin	0.0021	U	0.0021	0.00093	mg/Kg	☼	10/08/25 16:51	10/09/25 17:43	1
Endosulfan I	0.0072	U	0.0072	0.0011	mg/Kg	☼	10/08/25 16:51	10/09/25 17:43	1
Endosulfan II	0.0072	U	0.0072	0.0018	mg/Kg	☼	10/08/25 16:51	10/09/25 17:43	1
Endosulfan sulfate	0.0072	U	0.0072	0.00090	mg/Kg	☼	10/08/25 16:51	10/09/25 17:43	1
Endrin	0.0072	U	0.0072	0.0010	mg/Kg	☼	10/08/25 16:51	10/09/25 17:43	1
Endrin aldehyde	0.0072	U	0.0072	0.0017	mg/Kg	☼	10/08/25 16:51	10/09/25 17:43	1
Endrin ketone	0.0072	U	0.0072	0.0014	mg/Kg	☼	10/08/25 16:51	10/09/25 17:43	1
gamma-BHC (Lindane)	0.0021	U	0.0021	0.00067	mg/Kg	☼	10/08/25 16:51	10/09/25 17:43	1
Heptachlor	0.0072	U	0.0072	0.00085	mg/Kg	☼	10/08/25 16:51	10/09/25 17:43	1
Heptachlor epoxide	0.0072	U	0.0072	0.0011	mg/Kg	☼	10/08/25 16:51	10/09/25 17:43	1
Methoxychlor	0.0072	U	0.0072	0.0016	mg/Kg	☼	10/08/25 16:51	10/09/25 17:43	1
Toxaphene	0.072	U	0.072	0.026	mg/Kg	☼	10/08/25 16:51	10/09/25 17:43	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
DCB Decachlorobiphenyl	*88*		*10 - 150*	*10/08/25 16:51*	*10/09/25 17:43*	*1*
DCB Decachlorobiphenyl	*112*		*10 - 150*	*10/08/25 16:51*	*10/09/25 17:43*	*1*
Tetrachloro-m-xylene	*87*		*14 - 150*	*10/08/25 16:51*	*10/09/25 17:43*	*1*
Tetrachloro-m-xylene	*90*		*14 - 150*	*10/08/25 16:51*	*10/09/25 17:43*	*1*

Method: SW846 8082A - Polychlorinated Biphenyls (PCBs) by Gas Chromatography

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Aroclor 1016	0.072	U	0.072	0.019	mg/Kg	☼	10/08/25 16:43	10/09/25 18:25	1
Aroclor 1221	0.072	U	0.072	0.019	mg/Kg	☼	10/08/25 16:43	10/09/25 18:25	1
Aroclor 1232	0.072	U	0.072	0.019	mg/Kg	☼	10/08/25 16:43	10/09/25 18:25	1
Aroclor 1242	0.072	U	0.072	0.019	mg/Kg	☼	10/08/25 16:43	10/09/25 18:25	1
Aroclor 1248	0.072	U	0.072	0.019	mg/Kg	☼	10/08/25 16:43	10/09/25 18:25	1
Aroclor 1254	0.072	U	0.072	0.019	mg/Kg	☼	10/08/25 16:43	10/09/25 18:25	1
Aroclor 1260	0.072	U	0.072	0.019	mg/Kg	☼	10/08/25 16:43	10/09/25 18:25	1
Aroclor-1262	0.072	U	0.072	0.019	mg/Kg	☼	10/08/25 16:43	10/09/25 18:25	1
Aroclor 1268	0.072	U	0.072	0.019	mg/Kg	☼	10/08/25 16:43	10/09/25 18:25	1
Polychlorinated biphenyls, Total	0.072	U	0.072	0.019	mg/Kg	☼	10/08/25 16:43	10/09/25 18:25	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
DCB Decachlorobiphenyl	*118*		*10 - 150*	*10/08/25 16:43*	*10/09/25 18:25*	*1*
DCB Decachlorobiphenyl	*139*		*10 - 150*	*10/08/25 16:43*	*10/09/25 18:25*	*1*
Tetrachloro-m-xylene	*118*		*10 - 150*	*10/08/25 16:43*	*10/09/25 18:25*	*1*
Tetrachloro-m-xylene	*114*		*10 - 150*	*10/08/25 16:43*	*10/09/25 18:25*	*1*

Method: EPA 1633A - Per- and Polyfluoroalkyl Substances by LC/MS/MS, 1633A

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Perfluorobutanoic acid (PFBA)	**0.16**	**J**	0.38	0.095	ug/Kg	☼	10/09/25 14:16	10/10/25 19:18	1
Perfluoropentanoic acid (PFPeA)	**0.39**		0.19	0.095	ug/Kg	☼	10/09/25 14:16	10/10/25 19:18	1
Perfluorohexanoic acid (PFHxA)	**0.31**		0.19	0.095	ug/Kg	☼	10/09/25 14:16	10/10/25 19:18	1

Client Sample ID: 44F_0-4
Date Collected: 10/07/25 08:50
Date Received: 10/07/25 17:15

Lab Sample ID: 460-336648-11
Matrix: Solid
Percent Solids: 93.2

Method: EPA 1633A - Per- and Polyfluoroalkyl Substances by LC/MS/MS, 1633A (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Perfluoroheptanoic acid (PFHpA)	**0.34**		0.19	0.095	ug/Kg	☼	10/09/25 14:16	10/10/25 19:18	1
Perfluorooctanoic acid (PFOA)	**0.39**		0.19	0.057	ug/Kg	☼	10/09/25 14:16	10/10/25 19:18	1
Perfluorononanoic acid (PFNA)	**0.59**		0.19	0.095	ug/Kg	☼	10/09/25 14:16	10/10/25 19:18	1
Perfluorodecanoic acid (PFDA)	**0.66**		0.19	0.057	ug/Kg	☼	10/09/25 14:16	10/10/25 19:18	1
Perfluoroundecanoic acid (PFUnA)	**2.48**		0.19	0.095	ug/Kg	☼	10/09/25 14:16	10/10/25 19:18	1
Perfluorododecanoic acid (PFDoA)	**0.66**		0.19	0.095	ug/Kg	☼	10/09/25 14:16	10/10/25 19:18	1
Perfluorotridecanoic acid (PFTrDA)	**2.15**		0.19	0.095	ug/Kg	☼	10/09/25 14:16	10/10/25 19:18	1
Perfluorotetradecanoic acid (PFTeDA)	**0.18**	**J**	0.19	0.095	ug/Kg	☼	10/09/25 14:16	10/10/25 19:18	1
Perfluorobutanesulfonic acid (PFBS)	0.19	U	0.19	0.095	ug/Kg	☼	10/09/25 14:16	10/10/25 19:18	1
Perfluoropentanesulfonic acid (PFPeS)	0.19	U	0.19	0.095	ug/Kg	☼	10/09/25 14:16	10/10/25 19:18	1
Perfluorohexanesulfonic acid (PFHxS)	0.19	U	0.19	0.095	ug/Kg	☼	10/09/25 14:16	10/10/25 19:18	1
Perfluoroheptanesulfonic acid (PFHpS)	0.19	U	0.19	0.095	ug/Kg	☼	10/09/25 14:16	10/10/25 19:18	1
Perfluorooctanesulfonic acid (PFOS)	0.19	U	0.19	0.095	ug/Kg	☼	10/09/25 14:16	10/10/25 19:18	1
Perfluorononanesulfonic acid (PFNS)	0.19	U	0.19	0.095	ug/Kg	☼	10/09/25 14:16	10/10/25 19:18	1
Perfluorodecanesulfonic acid (PFDS)	0.19	U	0.19	0.095	ug/Kg	☼	10/09/25 14:16	10/10/25 19:18	1
Perfluorododecanesulfonic acid (PFDoS)	0.19	U	0.19	0.095	ug/Kg	☼	10/09/25 14:16	10/10/25 19:18	1
1H,1H,2H,2H-Perfluorohexane sulfonic acid (4:2 FTS)	0.38	U	0.38	0.19	ug/Kg	☼	10/09/25 14:16	10/10/25 19:18	1
1H,1H,2H,2H-Perfluorooctane sulfonic acid (6:2 FTS)	0.38	U	0.38	0.19	ug/Kg	☼	10/09/25 14:16	10/10/25 19:18	1
1H,1H,2H,2H-Perfluorodecane sulfonic acid (8:2 FTS)	**0.60**		0.38	0.19	ug/Kg	☼	10/09/25 14:16	10/10/25 19:18	1
Perfluorooctanesulfonamide (PFOSA)	0.19	U	0.19	0.095	ug/Kg	☼	10/09/25 14:16	10/10/25 19:18	1
N-methylperfluorooctane sulfonamide (NMeFOSA)	0.19	U	0.19	0.095	ug/Kg	☼	10/09/25 14:16	10/10/25 19:18	1
N-ethylperfluorooctane sulfonamide (NEtFOSA)	0.19	U	0.19	0.095	ug/Kg	☼	10/09/25 14:16	10/10/25 19:18	1
N-methylperfluorooctanesulfonamidoacetic acid (NMeFOSAA)	0.19	U	0.19	0.095	ug/Kg	☼	10/09/25 14:16	10/10/25 19:18	1
N-ethylperfluorooctanesulfonamidoacetic acid (NEtFOSAA)	0.19	U	0.19	0.095	ug/Kg	☼	10/09/25 14:16	10/10/25 19:18	1
N-methylperfluorooctane sulfonamidoethanol (NMeFOSE)	0.95	U	0.95	0.48	ug/Kg	☼	10/09/25 14:16	10/10/25 19:18	1
N-ethylperfluorooctane sulfonamidoethanol (NEtFOSE)	0.95	U	0.95	0.48	ug/Kg	☼	10/09/25 14:16	10/10/25 19:18	1
Hexafluoropropylene Oxide Dimer Acid (HFPO-DA)	0.19	U	0.19	0.095	ug/Kg	☼	10/09/25 14:16	10/10/25 19:18	1
4,8-Dioxa-3H-perfluorononanoic acid (ADONA)	0.19	U	0.19	0.095	ug/Kg	☼	10/09/25 14:16	10/10/25 19:18	1
Perfluoro-3-methoxypropanoic acid (PFMPA)	0.19	U	0.19	0.095	ug/Kg	☼	10/09/25 14:16	10/10/25 19:18	1
Perfluoro-4-methoxybutanoic acid (PFMBA)	0.19	U	0.19	0.095	ug/Kg	☼	10/09/25 14:16	10/10/25 19:18	1
Nonafluoro-3,6-dioxaheptanoic acid (NFDHA)	0.19	U	0.19	0.095	ug/Kg	☼	10/09/25 14:16	10/10/25 19:18	1
9-Chlorohexadecafluoro-3-oxanonane-1-sulfonic acid (9Cl-PF3ONS)	0.19	U	0.19	0.095	ug/Kg	☼	10/09/25 14:16	10/10/25 19:18	1

Client Sample ID: 44F_0-4
Date Collected: 10/07/25 08:50
Date Received: 10/07/25 17:15

Lab Sample ID: 460-336648-11
Matrix: Solid
Percent Solids: 93.2

Method: EPA 1633A - Per- and Polyfluoroalkyl Substances by LC/MS/MS, 1633A (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
11-Chloroeicosafluoro-3-oxaundecane-1-sulfonic acid (11Cl-PF3OUdS)	0.19	U	0.19	0.095	ug/Kg	☼	10/09/25 14:16	10/10/25 19:18	1
Perfluoro (2-ethoxyethane) sulfonic acid (PFEESA)	0.19	U	0.19	0.095	ug/Kg	☼	10/09/25 14:16	10/10/25 19:18	1
3-Perfluoropropylpropanoic acid (3:3 FTCA)	0.38	U	0.38	0.19	ug/Kg	☼	10/09/25 14:16	10/10/25 19:18	1
3-Perfluoropentylpropanoic acid (5:3 FTCA)	0.95	U	0.95	0.48	ug/Kg	☼	10/09/25 14:16	10/10/25 19:18	1
3-Perfluoroheptylpropanoic acid (7:3 FTCA)	0.95	U	0.95	0.48	ug/Kg	☼	10/09/25 14:16	10/10/25 19:18	1

Isotope Dilution	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
13C4 PFBA	*87.8*		*8 - 130*	*10/09/25 14:16*	*10/10/25 19:18*	*1*
13C5 PFPeA	*100*		*35 - 130*	*10/09/25 14:16*	*10/10/25 19:18*	*1*
13C5 PFHxA	*93.8*		*40 - 130*	*10/09/25 14:16*	*10/10/25 19:18*	*1*
13C4 PFHpA	*103*		*40 - 130*	*10/09/25 14:16*	*10/10/25 19:18*	*1*
13C8 PFOA	*88.0*		*40 - 130*	*10/09/25 14:16*	*10/10/25 19:18*	*1*
13C9 PFNA	*92.5*		*40 - 130*	*10/09/25 14:16*	*10/10/25 19:18*	*1*
13C6 PFDA	*88.9*		*40 - 130*	*10/09/25 14:16*	*10/10/25 19:18*	*1*
13C7 PFUnA	*74.3*		*40 - 130*	*10/09/25 14:16*	*10/10/25 19:18*	*1*
13C2 PFTeDA	*46.6*		*20 - 130*	*10/09/25 14:16*	*10/10/25 19:18*	*1*
13C3 PFBS	*85.2*		*40 - 135*	*10/09/25 14:16*	*10/10/25 19:18*	*1*
13C3 PFHxS	*87.3*		*40 - 130*	*10/09/25 14:16*	*10/10/25 19:18*	*1*
13C8 PFOS	*87.3*		*40 - 130*	*10/09/25 14:16*	*10/10/25 19:18*	*1*
13C8 FOSA	*78.4*		*40 - 130*	*10/09/25 14:16*	*10/10/25 19:18*	*1*
d3-NMeFOSAA	*59.9*		*40 - 135*	*10/09/25 14:16*	*10/10/25 19:18*	*1*
d5-NEtFOSAA	*62.7*		*40 - 150*	*10/09/25 14:16*	*10/10/25 19:18*	*1*
13C2 4:2 FTS	*88.9*		*40 - 165*	*10/09/25 14:16*	*10/10/25 19:18*	*1*
13C2 6:2 FTS	*87.2*		*40 - 215*	*10/09/25 14:16*	*10/10/25 19:18*	*1*
13C2 8:2 FTS	*77.8*		*40 - 275*	*10/09/25 14:16*	*10/10/25 19:18*	*1*
13C3 HFPO-DA	*105*		*40 - 130*	*10/09/25 14:16*	*10/10/25 19:18*	*1*
d7-N-MeFOSE-M	*43.1*		*20 - 130*	*10/09/25 14:16*	*10/10/25 19:18*	*1*
d9-N-EtFOSE-M	*37.5*		*15 - 130*	*10/09/25 14:16*	*10/10/25 19:18*	*1*
d5-NEtPFOSA	*61.4*		*10 - 130*	*10/09/25 14:16*	*10/10/25 19:18*	*1*
d3-NMePFOSA	*70.3*		*10 - 130*	*10/09/25 14:16*	*10/10/25 19:18*	*1*
13C2 PFDoA	*72.2*		*40 - 130*	*10/09/25 14:16*	*10/10/25 19:18*	*1*

Method: SW846 6020B - Metals (ICP/MS)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Aluminum	**6520**		16.5	4.5	mg/Kg	☼	10/11/25 20:55	10/12/25 13:16	1
Antimony	**1.4**		0.83	0.12	mg/Kg	☼	10/11/25 20:55	10/12/25 13:16	1
Arsenic	**7.1**		0.83	0.085	mg/Kg	☼	10/11/25 20:55	10/12/25 13:16	1
Barium	**37.7**		1.7	0.12	mg/Kg	☼	10/11/25 20:55	10/12/25 13:16	1
Beryllium	**1.1**		0.33	0.018	mg/Kg	☼	10/11/25 20:55	10/12/25 13:16	1
Cadmium	**0.20**	**J**	0.83	0.093	mg/Kg	☼	10/11/25 20:55	10/12/25 13:16	1
Calcium	**1030**		82.6	8.0	mg/Kg	☼	10/11/25 20:55	10/12/25 13:16	1
Chromium	**30.2**		1.7	0.25	mg/Kg	☼	10/11/25 20:55	10/12/25 13:16	1
Cobalt	**6.1**		0.83	0.12	mg/Kg	☼	10/11/25 20:55	10/12/25 13:16	1
Copper	**36.4**		1.7	0.30	mg/Kg	☼	10/11/25 20:55	10/12/25 13:16	1
Iron	**20200**		49.5	6.3	mg/Kg	☼	10/11/25 20:55	10/12/25 13:16	1
Lead	**94.0**		0.50	0.17	mg/Kg	☼	10/11/25 20:55	10/12/25 13:16	1
Magnesium	**1890**		82.6	8.4	mg/Kg	☼	10/11/25 20:55	10/12/25 13:16	1

Client Sample ID: 44F_0-4

Lab Sample ID: 460-336648-11

Date Collected: 10/07/25 08:50
Matrix: Solid
Date Received: 10/07/25 17:15
Percent Solids: 93.2

Method: SW846 6020B - Metals (ICP/MS) (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Manganese	184		3.3	0.33	mg/Kg	☼	10/11/25 20:55	10/12/25 13:16	1
Nickel	15.7		1.7	0.15	mg/Kg	☼	10/11/25 20:55	10/12/25 13:16	1
Potassium	1350		82.6	13.4	mg/Kg	☼	10/11/25 20:55	10/12/25 13:16	1
Selenium	0.37	J	1.0	0.11	mg/Kg	☼	10/11/25 20:55	10/12/25 13:16	1
Silver	0.12	J	0.33	0.073	mg/Kg	☼	10/11/25 20:55	10/12/25 13:16	1
Sodium	109		82.6	37.7	mg/Kg	☼	10/11/25 20:55	10/12/25 13:16	1
Thallium	0.071	J	0.33	0.034	mg/Kg	☼	10/11/25 20:55	10/12/25 13:16	1
Vanadium	25.1		1.7	0.17	mg/Kg	☼	10/11/25 20:55	10/12/25 13:16	1
Zinc	90.1		6.6	0.90	mg/Kg	☼	10/11/25 20:55	10/12/25 13:16	1

Method: SW846 7471B - Mercury (CVAA)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	0.043		0.017	0.0079	mg/Kg	☼	10/16/25 01:43	10/16/25 08:20	1

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Percent Moisture (EPA Moisture)	6.8		1.0	1.0	%			10/08/25 18:34	1
Percent Solids (EPA Moisture)	93.2		1.0	1.0	%			10/08/25 18:34	1

Client Sample ID: 44F_4-8

Lab Sample ID: 460-336648-12

Date Collected: 10/07/25 08:55
Matrix: Solid
Date Received: 10/07/25 17:15
Percent Solids: 93.5

Method: SW846 8270E - Semivolatile Organic Compounds (GC/MS)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1'-Biphenyl	0.35	U	0.35	0.012	mg/Kg	☼	10/08/25 20:51	10/09/25 12:44	1
1,2,4,5-Tetrachlorobenzene	0.35	U	0.35	0.011	mg/Kg	☼	10/08/25 20:51	10/09/25 12:44	1
1,4-Dioxane	0.035	U	0.035	0.031	mg/Kg	☼	10/08/25 20:51	10/09/25 12:44	1
2,2'-oxybis[1-chloropropane]	0.35	U	0.35	0.021	mg/Kg	☼	10/08/25 20:51	10/09/25 12:44	1
2,3,4,6-Tetrachlorophenol	0.35	U	0.35	0.024	mg/Kg	☼	10/08/25 20:51	10/09/25 12:44	1
2,4,5-Trichlorophenol	0.35	U	0.35	0.036	mg/Kg	☼	10/08/25 20:51	10/09/25 12:44	1
2,4,6-Trichlorophenol	0.14	U	0.14	0.045	mg/Kg	☼	10/08/25 20:51	10/09/25 12:44	1
2,4-Dichlorophenol	0.14	U	0.14	0.023	mg/Kg	☼	10/08/25 20:51	10/09/25 12:44	1
2,4-Dimethylphenol	0.35	U	0.35	0.042	mg/Kg	☼	10/08/25 20:51	10/09/25 12:44	1
2,4-Dinitrophenol	0.28	U	0.28	0.17	mg/Kg	☼	10/08/25 20:51	10/09/25 12:44	1
2,4-Dinitrotoluene	0.071	U	0.071	0.038	mg/Kg	☼	10/08/25 20:51	10/09/25 12:44	1
2,6-Dinitrotoluene	0.071	U	0.071	0.025	mg/Kg	☼	10/08/25 20:51	10/09/25 12:44	1
2-Chloronaphthalene	0.35	U	0.35	0.045	mg/Kg	☼	10/08/25 20:51	10/09/25 12:44	1
2-Chlorophenol	0.35	U	0.35	0.013	mg/Kg	☼	10/08/25 20:51	10/09/25 12:44	1
2-Methylnaphthalene	0.35	U	0.35	0.0099	mg/Kg	☼	10/08/25 20:51	10/09/25 12:44	1
2-Methylphenol	0.35	U	0.35	0.013	mg/Kg	☼	10/08/25 20:51	10/09/25 12:44	1
2-Nitroaniline	0.35	U	0.35	0.027	mg/Kg	☼	10/08/25 20:51	10/09/25 12:44	1
2-Nitrophenol	0.35	U	0.35	0.035	mg/Kg	☼	10/08/25 20:51	10/09/25 12:44	1
3 & 4 Methylphenol	0.35	U	0.35	0.022	mg/Kg	☼	10/08/25 20:51	10/09/25 12:44	1
3,3'-Dichlorobenzidine	0.14	U	0.14	0.053	mg/Kg	☼	10/08/25 20:51	10/09/25 12:44	1
3-Nitroaniline	0.35	U	0.35	0.084	mg/Kg	☼	10/08/25 20:51	10/09/25 12:44	1
4,6-Dinitro-2-methylphenol	0.28	U	0.28	0.14	mg/Kg	☼	10/08/25 20:51	10/09/25 12:44	1
4-Bromophenyl phenyl ether	0.35	U	0.35	0.014	mg/Kg	☼	10/08/25 20:51	10/09/25 12:44	1
4-Chloro-3-methylphenol	0.35	U	0.35	0.020	mg/Kg	☼	10/08/25 20:51	10/09/25 12:44	1
4-Chloroaniline	0.35	U	0.35	0.063	mg/Kg	☼	10/08/25 20:51	10/09/25 12:44	1

Client Sample ID: 44F_4-8
Date Collected: 10/07/25 08:55
Date Received: 10/07/25 17:15

Lab Sample ID: 460-336648-12
Matrix: Solid
Percent Solids: 93.5

Method: SW846 8270E - Semivolatile Organic Compounds (GC/MS) (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
4-Chlorophenyl phenyl ether	0.35	U	0.35	0.012	mg/Kg	☼	10/08/25 20:51	10/09/25 12:44	1
4-Methylphenol	0.35	U	0.35	0.022	mg/Kg	☼	10/08/25 20:51	10/09/25 12:44	1
4-Nitroaniline	0.35	U	0.35	0.089	mg/Kg	☼	10/08/25 20:51	10/09/25 12:44	1
4-Nitrophenol	0.71	U	0.71	0.057	mg/Kg	☼	10/08/25 20:51	10/09/25 12:44	1
Acenaphthene	0.35	U	0.35	0.010	mg/Kg	☼	10/08/25 20:51	10/09/25 12:44	1
Acenaphthylene	0.35	U	0.35	0.010	mg/Kg	☼	10/08/25 20:51	10/09/25 12:44	1
Acetophenone	0.35	U	0.35	0.017	mg/Kg	☼	10/08/25 20:51	10/09/25 12:44	1
Anthracene	0.35	U	0.35	0.011	mg/Kg	☼	10/08/25 20:51	10/09/25 12:44	1
Atrazine	0.14	U	0.14	0.021	mg/Kg	☼	10/08/25 20:51	10/09/25 12:44	1
Benzaldehyde	0.35	U	0.35	0.058	mg/Kg	☼	10/08/25 20:51	10/09/25 12:44	1
Benzo[a]anthracene	0.035	U	0.035	0.027	mg/Kg	☼	10/08/25 20:51	10/09/25 12:44	1
Benzo[a]pyrene	0.035	U	0.035	0.0094	mg/Kg	☼	10/08/25 20:51	10/09/25 12:44	1
Benzo[b]fluoranthene	0.035	U	0.035	0.0091	mg/Kg	☼	10/08/25 20:51	10/09/25 12:44	1
Benzo[g,h,i]perylene	0.35	U	0.35	0.010	mg/Kg	☼	10/08/25 20:51	10/09/25 12:44	1
Benzo[k]fluoranthene	0.035	U	0.035	0.0069	mg/Kg	☼	10/08/25 20:51	10/09/25 12:44	1
Bis(2-chloroethoxy)methane	0.35	U	0.35	0.065	mg/Kg	☼	10/08/25 20:51	10/09/25 12:44	1
Bis(2-chloroethyl)ether	0.035	U	0.035	0.012	mg/Kg	☼	10/08/25 20:51	10/09/25 12:44	1
Bis(2-ethylhexyl) phthalate	0.35	U	0.35	0.019	mg/Kg	☼	10/08/25 20:51	10/09/25 12:44	1
Butyl benzyl phthalate	0.35	U	0.35	0.017	mg/Kg	☼	10/08/25 20:51	10/09/25 12:44	1
Caprolactam	0.35	U	0.35	0.055	mg/Kg	☼	10/08/25 20:51	10/09/25 12:44	1
Carbazole	0.35	U	0.35	0.013	mg/Kg	☼	10/08/25 20:51	10/09/25 12:44	1
Chrysene	0.35	U	0.35	0.015	mg/Kg	☼	10/08/25 20:51	10/09/25 12:44	1
Dibenz(a,h)anthracene	0.035	U	0.035	0.015	mg/Kg	☼	10/08/25 20:51	10/09/25 12:44	1
Dibenzofuran	0.35	U	0.35	0.012	mg/Kg	☼	10/08/25 20:51	10/09/25 12:44	1
Diethyl phthalate	0.35	U	0.35	0.011	mg/Kg	☼	10/08/25 20:51	10/09/25 12:44	1
Dimethyl phthalate	0.35	U	0.35	0.080	mg/Kg	☼	10/08/25 20:51	10/09/25 12:44	1
Di-n-butyl phthalate	0.35	U	0.35	0.013	mg/Kg	☼	10/08/25 20:51	10/09/25 12:44	1
Di-n-octyl phthalate	0.35	U	0.35	0.019	mg/Kg	☼	10/08/25 20:51	10/09/25 12:44	1
Fluoranthene	0.35	U	0.35	0.012	mg/Kg	☼	10/08/25 20:51	10/09/25 12:44	1
Fluorene	0.35	U	0.35	0.010	mg/Kg	☼	10/08/25 20:51	10/09/25 12:44	1
Hexachlorobenzene	0.035	U	0.035	0.017	mg/Kg	☼	10/08/25 20:51	10/09/25 12:44	1
Hexachlorobutadiene	0.071	U	0.071	0.0075	mg/Kg	☼	10/08/25 20:51	10/09/25 12:44	1
Hexachlorocyclopentadiene	0.35	U	0.35	0.031	mg/Kg	☼	10/08/25 20:51	10/09/25 12:44	1
Hexachloroethane	0.035	U	0.035	0.012	mg/Kg	☼	10/08/25 20:51	10/09/25 12:44	1
Indeno[1,2,3-cd]pyrene	0.035	U	0.035	0.014	mg/Kg	☼	10/08/25 20:51	10/09/25 12:44	1
Isophorone	0.14	U	0.14	0.10	mg/Kg	☼	10/08/25 20:51	10/09/25 12:44	1
Naphthalene	0.35	U	0.35	0.0061	mg/Kg	☼	10/08/25 20:51	10/09/25 12:44	1
Nitrobenzene	0.035	U	0.035	0.020	mg/Kg	☼	10/08/25 20:51	10/09/25 12:44	1
N-Nitrosodi-n-propylamine	0.035	U	0.035	0.026	mg/Kg	☼	10/08/25 20:51	10/09/25 12:44	1
N-Nitrosodiphenylamine	0.35	U	0.35	0.029	mg/Kg	☼	10/08/25 20:51	10/09/25 12:44	1
Pentachlorophenol	0.28	U	0.28	0.072	mg/Kg	☼	10/08/25 20:51	10/09/25 12:44	1
Phenanthrene	0.35	U	0.35	0.014	mg/Kg	☼	10/08/25 20:51	10/09/25 12:44	1
Phenol	0.35	U	0.35	0.013	mg/Kg	☼	10/08/25 20:51	10/09/25 12:44	1
Pyrene	0.35	U	0.35	0.0088	mg/Kg	☼	10/08/25 20:51	10/09/25 12:44	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
2,4,6-Tribromophenol (Surr)	*65*		*18 - 137*	*10/08/25 20:51*	*10/09/25 12:44*	*1*
2-Fluorobiphenyl	*63*		*33 - 117*	*10/08/25 20:51*	*10/09/25 12:44*	*1*
2-Fluorophenol (Surr)	*67*		*24 - 120*	*10/08/25 20:51*	*10/09/25 12:44*	*1*
Nitrobenzene-d5 (Surr)	*63*		*27 - 120*	*10/08/25 20:51*	*10/09/25 12:44*	*1*

Client Sample ID: 44F_4-8
Date Collected: 10/07/25 08:55
Date Received: 10/07/25 17:15

Lab Sample ID: 460-336648-12
Matrix: Solid
Percent Solids: 93.5

Method: SW846 8270E - Semivolatile Organic Compounds (GC/MS) (Continued)

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
Phenol-d5 (Surr)	*64*		*28 - 118*	*10/08/25 20:51*	*10/09/25 12:44*	*1*
Terphenyl-d14 (Surr)	*67*		*33 - 124*	*10/08/25 20:51*	*10/09/25 12:44*	*1*

Method: SW846 8081B - Organochlorine Pesticides (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
4,4'-DDD	0.0072	U	0.0072	0.0012	mg/Kg	☼	10/08/25 16:51	10/09/25 17:55	1
4,4'-DDE	0.0072	U	0.0072	0.00084	mg/Kg	☼	10/08/25 16:51	10/09/25 17:55	1
4,4'-DDT	0.0072	U	0.0072	0.0013	mg/Kg	☼	10/08/25 16:51	10/09/25 17:55	1
Aldrin	0.0072	U	0.0072	0.0011	mg/Kg	☼	10/08/25 16:51	10/09/25 17:55	1
alpha-BHC	0.0021	U	0.0021	0.00073	mg/Kg	☼	10/08/25 16:51	10/09/25 17:55	1
beta-BHC	0.0021	U	0.0021	0.00080	mg/Kg	☼	10/08/25 16:51	10/09/25 17:55	1
Chlordane (technical)	0.072	U	0.072	0.017	mg/Kg	☼	10/08/25 16:51	10/09/25 17:55	1
cis-Chlordane	0.0072	U	0.0072	0.0011	mg/Kg	☼	10/08/25 16:51	10/09/25 17:55	1
delta-BHC	0.0021	U	0.0021	0.00044	mg/Kg	☼	10/08/25 16:51	10/09/25 17:55	1
Dieldrin	0.0021	U	0.0021	0.00093	mg/Kg	☼	10/08/25 16:51	10/09/25 17:55	1
Endosulfan I	0.0072	U	0.0072	0.0011	mg/Kg	☼	10/08/25 16:51	10/09/25 17:55	1
Endosulfan II	0.0072	U	0.0072	0.0018	mg/Kg	☼	10/08/25 16:51	10/09/25 17:55	1
Endosulfan sulfate	0.0072	U	0.0072	0.00090	mg/Kg	☼	10/08/25 16:51	10/09/25 17:55	1
Endrin	0.0072	U	0.0072	0.0010	mg/Kg	☼	10/08/25 16:51	10/09/25 17:55	1
Endrin aldehyde	0.0072	U	0.0072	0.0017	mg/Kg	☼	10/08/25 16:51	10/09/25 17:55	1
Endrin ketone	0.0072	U	0.0072	0.0014	mg/Kg	☼	10/08/25 16:51	10/09/25 17:55	1
gamma-BHC (Lindane)	0.0021	U	0.0021	0.00066	mg/Kg	☼	10/08/25 16:51	10/09/25 17:55	1
Heptachlor	0.0072	U	0.0072	0.00084	mg/Kg	☼	10/08/25 16:51	10/09/25 17:55	1
Heptachlor epoxide	0.0072	U	0.0072	0.0011	mg/Kg	☼	10/08/25 16:51	10/09/25 17:55	1
Methoxychlor	0.0072	U	0.0072	0.0016	mg/Kg	☼	10/08/25 16:51	10/09/25 17:55	1
Toxaphene	0.072	U	0.072	0.026	mg/Kg	☼	10/08/25 16:51	10/09/25 17:55	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
DCB Decachlorobiphenyl	*86*		*10 - 150*	*10/08/25 16:51*	*10/09/25 17:55*	*1*
DCB Decachlorobiphenyl	*112*		*10 - 150*	*10/08/25 16:51*	*10/09/25 17:55*	*1*
Tetrachloro-m-xylene	*87*		*14 - 150*	*10/08/25 16:51*	*10/09/25 17:55*	*1*
Tetrachloro-m-xylene	*89*		*14 - 150*	*10/08/25 16:51*	*10/09/25 17:55*	*1*

Method: SW846 8082A - Polychlorinated Biphenyls (PCBs) by Gas Chromatography

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Aroclor 1016	0.072	U	0.072	0.019	mg/Kg	☼	10/08/25 16:43	10/09/25 18:48	1
Aroclor 1221	0.072	U	0.072	0.019	mg/Kg	☼	10/08/25 16:43	10/09/25 18:48	1
Aroclor 1232	0.072	U	0.072	0.019	mg/Kg	☼	10/08/25 16:43	10/09/25 18:48	1
Aroclor 1242	0.072	U	0.072	0.019	mg/Kg	☼	10/08/25 16:43	10/09/25 18:48	1
Aroclor 1248	0.072	U	0.072	0.019	mg/Kg	☼	10/08/25 16:43	10/09/25 18:48	1
Aroclor 1254	0.072	U	0.072	0.019	mg/Kg	☼	10/08/25 16:43	10/09/25 18:48	1
Aroclor 1260	0.072	U	0.072	0.019	mg/Kg	☼	10/08/25 16:43	10/09/25 18:48	1
Aroclor-1262	0.072	U	0.072	0.019	mg/Kg	☼	10/08/25 16:43	10/09/25 18:48	1
Aroclor 1268	0.072	U	0.072	0.019	mg/Kg	☼	10/08/25 16:43	10/09/25 18:48	1
Polychlorinated biphenyls, Total	0.072	U	0.072	0.019	mg/Kg	☼	10/08/25 16:43	10/09/25 18:48	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
DCB Decachlorobiphenyl	*117*		*10 - 150*	*10/08/25 16:43*	*10/09/25 18:48*	*1*
DCB Decachlorobiphenyl	*139*		*10 - 150*	*10/08/25 16:43*	*10/09/25 18:48*	*1*
Tetrachloro-m-xylene	*120*		*10 - 150*	*10/08/25 16:43*	*10/09/25 18:48*	*1*

Client Sample ID: 44F_4-8
Date Collected: 10/07/25 08:55
Date Received: 10/07/25 17:15

Lab Sample ID: 460-336648-12
Matrix: Solid
Percent Solids: 93.5

Method: SW846 8082A - Polychlorinated Biphenyls (PCBs) by Gas Chromatography (Continued)

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
Tetrachloro-m-xylene	*117*		*10 - 150*	*10/08/25 16:43*	*10/09/25 18:48*	*1*

Method: EPA 1633A - Per- and Polyfluoroalkyl Substances by LC/MS/MS, 1633A

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Perfluorobutanoic acid (PFBA)	0.39	U	0.39	0.096	ug/Kg	☼	10/09/25 14:16	10/10/25 19:32	1
Perfluoropentanoic acid (PFPeA)	0.19	U	0.19	0.096	ug/Kg	☼	10/09/25 14:16	10/10/25 19:32	1
Perfluorohexanoic acid (PFHxA)	0.19	U	0.19	0.096	ug/Kg	☼	10/09/25 14:16	10/10/25 19:32	1
Perfluoroheptanoic acid (PFHpA)	0.19	U	0.19	0.096	ug/Kg	☼	10/09/25 14:16	10/10/25 19:32	1
Perfluorooctanoic acid (PFOA)	0.19	U	0.19	0.058	ug/Kg	☼	10/09/25 14:16	10/10/25 19:32	1
Perfluorononanoic acid (PFNA)	**0.13**	**J**	0.19	0.096	ug/Kg	☼	10/09/25 14:16	10/10/25 19:32	1
Perfluorodecanoic acid (PFDA)	**0.26**		0.19	0.058	ug/Kg	☼	10/09/25 14:16	10/10/25 19:32	1
Perfluoroundecanoic acid (PFUnA)	**1.43**		0.19	0.096	ug/Kg	☼	10/09/25 14:16	10/10/25 19:32	1
Perfluorododecanoic acid (PFDoA)	**0.40**		0.19	0.096	ug/Kg	☼	10/09/25 14:16	10/10/25 19:32	1
Perfluorotridecanoic acid (PFTrDA)	**1.36**		0.19	0.096	ug/Kg	☼	10/09/25 14:16	10/10/25 19:32	1
Perfluorotetradecanoic acid (PFTeDA)	**0.15**	**J**	0.19	0.096	ug/Kg	☼	10/09/25 14:16	10/10/25 19:32	1
Perfluorobutanesulfonic acid (PFBS)	0.19	U	0.19	0.096	ug/Kg	☼	10/09/25 14:16	10/10/25 19:32	1
Perfluoropentanesulfonic acid (PFPeS)	0.19	U	0.19	0.096	ug/Kg	☼	10/09/25 14:16	10/10/25 19:32	1
Perfluorohexanesulfonic acid (PFHxS)	0.19	U	0.19	0.096	ug/Kg	☼	10/09/25 14:16	10/10/25 19:32	1
Perfluoroheptanesulfonic acid (PFHpS)	0.19	U	0.19	0.096	ug/Kg	☼	10/09/25 14:16	10/10/25 19:32	1
Perfluorooctanesulfonic acid (PFOS)	0.19	U	0.19	0.096	ug/Kg	☼	10/09/25 14:16	10/10/25 19:32	1
Perfluorononanesulfonic acid (PFNS)	0.19	U	0.19	0.096	ug/Kg	☼	10/09/25 14:16	10/10/25 19:32	1
Perfluorodecanesulfonic acid (PFDS)	0.19	U	0.19	0.096	ug/Kg	☼	10/09/25 14:16	10/10/25 19:32	1
Perfluorododecanesulfonic acid (PFDoS)	0.19	U	0.19	0.096	ug/Kg	☼	10/09/25 14:16	10/10/25 19:32	1
1H,1H,2H,2H-Perfluorohexane sulfonic acid (4:2 FTS)	0.39	U	0.39	0.19	ug/Kg	☼	10/09/25 14:16	10/10/25 19:32	1
1H,1H,2H,2H-Perfluorooctane sulfonic acid (6:2 FTS)	**0.21**	**J**	0.39	0.19	ug/Kg	☼	10/09/25 14:16	10/10/25 19:32	1
1H,1H,2H,2H-Perfluorodecane sulfonic acid (8:2 FTS)	**0.38**	**J**	0.39	0.19	ug/Kg	☼	10/09/25 14:16	10/10/25 19:32	1
Perfluorooctanesulfonamide (PFOSA)	0.19	U	0.19	0.096	ug/Kg	☼	10/09/25 14:16	10/10/25 19:32	1
N-methylperfluorooctane sulfonamide (NMeFOSA)	0.19	U	0.19	0.096	ug/Kg	☼	10/09/25 14:16	10/10/25 19:32	1
N-ethylperfluorooctane sulfonamide (NEtFOSA)	0.19	U	0.19	0.096	ug/Kg	☼	10/09/25 14:16	10/10/25 19:32	1
N-methylperfluorooctanesulfonamidoacetic acid (NMeFOSAA)	0.19	U	0.19	0.096	ug/Kg	☼	10/09/25 14:16	10/10/25 19:32	1
N-ethylperfluorooctanesulfonamidoacetic acid (NEtFOSAA)	0.19	U	0.19	0.096	ug/Kg	☼	10/09/25 14:16	10/10/25 19:32	1
N-methylperfluorooctane sulfonamidoethanol (NMeFOSE)	0.96	U	0.96	0.48	ug/Kg	☼	10/09/25 14:16	10/10/25 19:32	1
N-ethylperfluorooctane sulfonamidoethanol (NEtFOSE)	0.96	U	0.96	0.48	ug/Kg	☼	10/09/25 14:16	10/10/25 19:32	1
Hexafluoropropylene Oxide Dimer Acid (HFPO-DA)	0.19	U	0.19	0.096	ug/Kg	☼	10/09/25 14:16	10/10/25 19:32	1
4,8-Dioxa-3H-perfluorononanoic acid (ADONA)	0.19	U	0.19	0.096	ug/Kg	☼	10/09/25 14:16	10/10/25 19:32	1

Client Sample ID: 44F_4-8
Date Collected: 10/07/25 08:55
Date Received: 10/07/25 17:15

Lab Sample ID: 460-336648-12
Matrix: Solid
Percent Solids: 93.5

Method: EPA 1633A - Per- and Polyfluoroalkyl Substances by LC/MS/MS, 1633A (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Perfluoro-3-methoxypropanoic acid (PFMPA)	0.19	U	0.19	0.096	ug/Kg	☼	10/09/25 14:16	10/10/25 19:32	1
Perfluoro-4-methoxybutanoic acid (PFMBA)	0.19	U	0.19	0.096	ug/Kg	☼	10/09/25 14:16	10/10/25 19:32	1
Nonafluoro-3,6-dioxaheptanoic acid (NFDHA)	0.19	U	0.19	0.096	ug/Kg	☼	10/09/25 14:16	10/10/25 19:32	1
9-Chlorohexadecafluoro-3-oxanonane-1-sulfonic acid (9Cl-PF3ONS)	0.19	U	0.19	0.096	ug/Kg	☼	10/09/25 14:16	10/10/25 19:32	1
11-Chloroeicosafluoro-3-oxaundecane-1-sulfonic acid (11Cl-PF3OUdS)	0.19	U	0.19	0.096	ug/Kg	☼	10/09/25 14:16	10/10/25 19:32	1
Perfluoro (2-ethoxyethane) sulfonic acid (PFEESA)	0.19	U	0.19	0.096	ug/Kg	☼	10/09/25 14:16	10/10/25 19:32	1
3-Perfluoropropylpropanoic acid (3:3 FTCA)	0.39	U	0.39	0.19	ug/Kg	☼	10/09/25 14:16	10/10/25 19:32	1
3-Perfluoropentylpropanoic acid (5:3 FTCA)	0.96	U	0.96	0.48	ug/Kg	☼	10/09/25 14:16	10/10/25 19:32	1
3-Perfluoroheptylpropanoic acid (7:3 FTCA)	0.96	U	0.96	0.48	ug/Kg	☼	10/09/25 14:16	10/10/25 19:32	1

Isotope Dilution	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
13C4 PFBA	*86.2*		*8 - 130*	*10/09/25 14:16*	*10/10/25 19:32*	*1*
13C5 PFPeA	*92.0*		*35 - 130*	*10/09/25 14:16*	*10/10/25 19:32*	*1*
13C5 PFHxA	*89.3*		*40 - 130*	*10/09/25 14:16*	*10/10/25 19:32*	*1*
13C4 PFHpA	*98.0*		*40 - 130*	*10/09/25 14:16*	*10/10/25 19:32*	*1*
13C8 PFOA	*86.7*		*40 - 130*	*10/09/25 14:16*	*10/10/25 19:32*	*1*
13C9 PFNA	*89.2*		*40 - 130*	*10/09/25 14:16*	*10/10/25 19:32*	*1*
13C6 PFDA	*85.7*		*40 - 130*	*10/09/25 14:16*	*10/10/25 19:32*	*1*
13C7 PFUnA	*78.4*		*40 - 130*	*10/09/25 14:16*	*10/10/25 19:32*	*1*
13C2 PFTeDA	*55.8*		*20 - 130*	*10/09/25 14:16*	*10/10/25 19:32*	*1*
13C3 PFBS	*80.8*		*40 - 135*	*10/09/25 14:16*	*10/10/25 19:32*	*1*
13C3 PFHxS	*84.0*		*40 - 130*	*10/09/25 14:16*	*10/10/25 19:32*	*1*
13C8 PFOS	*85.4*		*40 - 130*	*10/09/25 14:16*	*10/10/25 19:32*	*1*
13C8 FOSA	*77.8*		*40 - 130*	*10/09/25 14:16*	*10/10/25 19:32*	*1*
d3-NMeFOSAA	*64.4*		*40 - 135*	*10/09/25 14:16*	*10/10/25 19:32*	*1*
d5-NEtFOSAA	*69.9*		*40 - 150*	*10/09/25 14:16*	*10/10/25 19:32*	*1*
13C2 4:2 FTS	*92.9*		*40 - 165*	*10/09/25 14:16*	*10/10/25 19:32*	*1*
13C2 6:2 FTS	*88.2*		*40 - 215*	*10/09/25 14:16*	*10/10/25 19:32*	*1*
13C2 8:2 FTS	*82.6*		*40 - 275*	*10/09/25 14:16*	*10/10/25 19:32*	*1*
13C3 HFPO-DA	*98.4*		*40 - 130*	*10/09/25 14:16*	*10/10/25 19:32*	*1*
d7-N-MeFOSE-M	*50.1*		*20 - 130*	*10/09/25 14:16*	*10/10/25 19:32*	*1*
d9-N-EtFOSE-M	*43.2*		*15 - 130*	*10/09/25 14:16*	*10/10/25 19:32*	*1*
d5-NEtPFOSA	*57.5*		*10 - 130*	*10/09/25 14:16*	*10/10/25 19:32*	*1*
d3-NMePFOSA	*63.9*		*10 - 130*	*10/09/25 14:16*	*10/10/25 19:32*	*1*
13C2 PFDoA	*76.4*		*40 - 130*	*10/09/25 14:16*	*10/10/25 19:32*	*1*

Method: SW846 6020B - Metals (ICP/MS)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Aluminum	**7710**		15.8	4.3	mg/Kg	☼	10/11/25 20:55	10/12/25 13:19	1
Antimony	**1.5**		0.79	0.12	mg/Kg	☼	10/11/25 20:55	10/12/25 13:19	1
Arsenic	**6.7**		0.79	0.082	mg/Kg	☼	10/11/25 20:55	10/12/25 13:19	1
Barium	**40.4**		1.6	0.11	mg/Kg	☼	10/11/25 20:55	10/12/25 13:19	1
Beryllium	**0.76**		0.32	0.017	mg/Kg	☼	10/11/25 20:55	10/12/25 13:19	1
Cadmium	**0.18**	**J**	0.79	0.089	mg/Kg	☼	10/11/25 20:55	10/12/25 13:19	1

Client Sample ID: 44F_4-8

Lab Sample ID: 460-336648-12

Date Collected: 10/07/25 08:55
Matrix: Solid
Date Received: 10/07/25 17:15
Percent Solids: 93.5

Method: SW846 6020B - Metals (ICP/MS) (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Calcium	1300		79.2	7.7	mg/Kg	☼	10/11/25 20:55	10/12/25 13:19	1
Chromium	27.0		1.6	0.24	mg/Kg	☼	10/11/25 20:55	10/12/25 13:19	1
Cobalt	7.9		0.79	0.12	mg/Kg	☼	10/11/25 20:55	10/12/25 13:19	1
Copper	51.0		1.6	0.29	mg/Kg	☼	10/11/25 20:55	10/12/25 13:19	1
Iron	21700		47.5	6.1	mg/Kg	☼	10/11/25 20:55	10/12/25 13:19	1
Lead	110		0.48	0.16	mg/Kg	☼	10/11/25 20:55	10/12/25 13:19	1
Magnesium	2310		79.2	8.1	mg/Kg	☼	10/11/25 20:55	10/12/25 13:19	1
Manganese	215		3.2	0.32	mg/Kg	☼	10/11/25 20:55	10/12/25 13:19	1
Nickel	24.6		1.6	0.14	mg/Kg	☼	10/11/25 20:55	10/12/25 13:19	1
Potassium	1340		79.2	12.8	mg/Kg	☼	10/11/25 20:55	10/12/25 13:19	1
Selenium	0.35	J	0.99	0.10	mg/Kg	☼	10/11/25 20:55	10/12/25 13:19	1
Silver	0.13	J	0.32	0.070	mg/Kg	☼	10/11/25 20:55	10/12/25 13:19	1
Sodium	112		79.2	36.2	mg/Kg	☼	10/11/25 20:55	10/12/25 13:19	1
Thallium	0.079	J	0.32	0.032	mg/Kg	☼	10/11/25 20:55	10/12/25 13:19	1
Vanadium	29.9		1.6	0.16	mg/Kg	☼	10/11/25 20:55	10/12/25 13:19	1
Zinc	112		6.3	0.86	mg/Kg	☼	10/11/25 20:55	10/12/25 13:19	1

Method: SW846 7471B - Mercury (CVAA)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	0.044		0.018	0.0084	mg/Kg	☼	10/16/25 01:43	10/16/25 08:23	1

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Percent Moisture (EPA Moisture)	6.5		1.0	1.0	%			10/08/25 18:34	1
Percent Solids (EPA Moisture)	93.5		1.0	1.0	%			10/08/25 18:34	1

Client Sample ID: 45A_0-6

Lab Sample ID: 460-336648-13

Date Collected: 10/07/25 09:00
Matrix: Solid
Date Received: 10/07/25 17:15
Percent Solids: 95.5

Method: SW846 8270E - Semivolatile Organic Compounds (GC/MS)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1'-Biphenyl	0.35	U	0.35	0.012	mg/Kg	☼	10/08/25 20:51	10/09/25 13:01	1
1,2,4,5-Tetrachlorobenzene	0.35	U	0.35	0.011	mg/Kg	☼	10/08/25 20:51	10/09/25 13:01	1
1,4-Dioxane	0.035	U	0.035	0.030	mg/Kg	☼	10/08/25 20:51	10/09/25 13:01	1
2,2'-oxybis[1-chloropropane]	0.35	U	0.35	0.021	mg/Kg	☼	10/08/25 20:51	10/09/25 13:01	1
2,3,4,6-Tetrachlorophenol	0.35	U	0.35	0.023	mg/Kg	☼	10/08/25 20:51	10/09/25 13:01	1
2,4,5-Trichlorophenol	0.35	U	0.35	0.035	mg/Kg	☼	10/08/25 20:51	10/09/25 13:01	1
2,4,6-Trichlorophenol	0.14	U	0.14	0.044	mg/Kg	☼	10/08/25 20:51	10/09/25 13:01	1
2,4-Dichlorophenol	0.14	U	0.14	0.022	mg/Kg	☼	10/08/25 20:51	10/09/25 13:01	1
2,4-Dimethylphenol	0.35	U	0.35	0.041	mg/Kg	☼	10/08/25 20:51	10/09/25 13:01	1
2,4-Dinitrophenol	0.28	U	0.28	0.17	mg/Kg	☼	10/08/25 20:51	10/09/25 13:01	1
2,4-Dinitrotoluene	0.070	U	0.070	0.037	mg/Kg	☼	10/08/25 20:51	10/09/25 13:01	1
2,6-Dinitrotoluene	0.070	U	0.070	0.025	mg/Kg	☼	10/08/25 20:51	10/09/25 13:01	1
2-Chloronaphthalene	0.35	U	0.35	0.045	mg/Kg	☼	10/08/25 20:51	10/09/25 13:01	1
2-Chlorophenol	0.35	U	0.35	0.012	mg/Kg	☼	10/08/25 20:51	10/09/25 13:01	1
2-Methylnaphthalene	0.35	U	0.35	0.0097	mg/Kg	☼	10/08/25 20:51	10/09/25 13:01	1
2-Methylphenol	0.35	U	0.35	0.013	mg/Kg	☼	10/08/25 20:51	10/09/25 13:01	1
2-Nitroaniline	0.35	U	0.35	0.026	mg/Kg	☼	10/08/25 20:51	10/09/25 13:01	1
2-Nitrophenol	0.35	U	0.35	0.035	mg/Kg	☼	10/08/25 20:51	10/09/25 13:01	1

Client Sample ID: 45A_0-6
Date Collected: 10/07/25 09:00
Date Received: 10/07/25 17:15

Lab Sample ID: 460-336648-13
Matrix: Solid
Percent Solids: 95.5

Method: SW846 8270E - Semivolatile Organic Compounds (GC/MS) (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
3 & 4 Methylphenol	0.35	U	0.35	0.022	mg/Kg	☼	10/08/25 20:51	10/09/25 13:01	1
3,3'-Dichlorobenzidine	0.14	U	0.14	0.052	mg/Kg	☼	10/08/25 20:51	10/09/25 13:01	1
3-Nitroaniline	0.35	U	0.35	0.082	mg/Kg	☼	10/08/25 20:51	10/09/25 13:01	1
4,6-Dinitro-2-methylphenol	0.28	U	0.28	0.14	mg/Kg	☼	10/08/25 20:51	10/09/25 13:01	1
4-Bromophenyl phenyl ether	0.35	U	0.35	0.014	mg/Kg	☼	10/08/25 20:51	10/09/25 13:01	1
4-Chloro-3-methylphenol	0.35	U	0.35	0.019	mg/Kg	☼	10/08/25 20:51	10/09/25 13:01	1
4-Chloroaniline	0.35	U	0.35	0.061	mg/Kg	☼	10/08/25 20:51	10/09/25 13:01	1
4-Chlorophenyl phenyl ether	0.35	U	0.35	0.012	mg/Kg	☼	10/08/25 20:51	10/09/25 13:01	1
4-Methylphenol	0.35	U	0.35	0.022	mg/Kg	☼	10/08/25 20:51	10/09/25 13:01	1
4-Nitroaniline	0.35	U	0.35	0.088	mg/Kg	☼	10/08/25 20:51	10/09/25 13:01	1
4-Nitrophenol	0.70	U	0.70	0.056	mg/Kg	☼	10/08/25 20:51	10/09/25 13:01	1
Acenaphthene	0.35	U	0.35	0.0099	mg/Kg	☼	10/08/25 20:51	10/09/25 13:01	1
Acenaphthylene	0.35	U	0.35	0.0099	mg/Kg	☼	10/08/25 20:51	10/09/25 13:01	1
Acetophenone	0.35	U	0.35	0.017	mg/Kg	☼	10/08/25 20:51	10/09/25 13:01	1
Anthracene	0.35	U	0.35	0.011	mg/Kg	☼	10/08/25 20:51	10/09/25 13:01	1
Atrazine	0.14	U	0.14	0.020	mg/Kg	☼	10/08/25 20:51	10/09/25 13:01	1
Benzaldehyde	0.35	U	0.35	0.057	mg/Kg	☼	10/08/25 20:51	10/09/25 13:01	1
Benzo[a]anthracene	0.035	U	0.035	0.026	mg/Kg	☼	10/08/25 20:51	10/09/25 13:01	1
Benzo[a]pyrene	0.035	U	0.035	0.0092	mg/Kg	☼	10/08/25 20:51	10/09/25 13:01	1
Benzo[b]fluoranthene	0.035	U	0.035	0.0090	mg/Kg	☼	10/08/25 20:51	10/09/25 13:01	1
Benzo[g,h,i]perylene	0.35	U	0.35	0.010	mg/Kg	☼	10/08/25 20:51	10/09/25 13:01	1
Benzo[k]fluoranthene	0.035	U	0.035	0.0068	mg/Kg	☼	10/08/25 20:51	10/09/25 13:01	1
Bis(2-chloroethoxy)methane	0.35	U	0.35	0.064	mg/Kg	☼	10/08/25 20:51	10/09/25 13:01	1
Bis(2-chloroethyl)ether	0.035	U	0.035	0.012	mg/Kg	☼	10/08/25 20:51	10/09/25 13:01	1
Bis(2-ethylhexyl) phthalate	0.35	U	0.35	0.018	mg/Kg	☼	10/08/25 20:51	10/09/25 13:01	1
Butyl benzyl phthalate	0.35	U	0.35	0.016	mg/Kg	☼	10/08/25 20:51	10/09/25 13:01	1
Caprolactam	0.35	U	0.35	0.054	mg/Kg	☼	10/08/25 20:51	10/09/25 13:01	1
Carbazole	0.35	U	0.35	0.013	mg/Kg	☼	10/08/25 20:51	10/09/25 13:01	1
Chrysene	0.35	U	0.35	0.015	mg/Kg	☼	10/08/25 20:51	10/09/25 13:01	1
Dibenz(a,h)anthracene	0.035	U	0.035	0.015	mg/Kg	☼	10/08/25 20:51	10/09/25 13:01	1
Dibenzofuran	0.35	U	0.35	0.012	mg/Kg	☼	10/08/25 20:51	10/09/25 13:01	1
Diethyl phthalate	0.35	U	0.35	0.011	mg/Kg	☼	10/08/25 20:51	10/09/25 13:01	1
Dimethyl phthalate	0.35	U	0.35	0.079	mg/Kg	☼	10/08/25 20:51	10/09/25 13:01	1
Di-n-butyl phthalate	0.35	U	0.35	0.013	mg/Kg	☼	10/08/25 20:51	10/09/25 13:01	1
Di-n-octyl phthalate	0.35	U	0.35	0.018	mg/Kg	☼	10/08/25 20:51	10/09/25 13:01	1
Fluoranthene	0.35	U	0.35	0.012	mg/Kg	☼	10/08/25 20:51	10/09/25 13:01	1
Fluorene	0.35	U	0.35	0.010	mg/Kg	☼	10/08/25 20:51	10/09/25 13:01	1
Hexachlorobenzene	0.035	U	0.035	0.016	mg/Kg	☼	10/08/25 20:51	10/09/25 13:01	1
Hexachlorobutadiene	0.070	U	0.070	0.0074	mg/Kg	☼	10/08/25 20:51	10/09/25 13:01	1
Hexachlorocyclopentadiene	0.35	U	0.35	0.030	mg/Kg	☼	10/08/25 20:51	10/09/25 13:01	1
Hexachloroethane	0.035	U	0.035	0.012	mg/Kg	☼	10/08/25 20:51	10/09/25 13:01	1
Indeno[1,2,3-cd]pyrene	0.035	U	0.035	0.014	mg/Kg	☼	10/08/25 20:51	10/09/25 13:01	1
Isophorone	0.14	U	0.14	0.10	mg/Kg	☼	10/08/25 20:51	10/09/25 13:01	1
Naphthalene	0.35	U	0.35	0.0060	mg/Kg	☼	10/08/25 20:51	10/09/25 13:01	1
Nitrobenzene	0.035	U	0.035	0.019	mg/Kg	☼	10/08/25 20:51	10/09/25 13:01	1
N-Nitrosodi-n-propylamine	0.035	U	0.035	0.025	mg/Kg	☼	10/08/25 20:51	10/09/25 13:01	1
N-Nitrosodiphenylamine	0.35	U	0.35	0.028	mg/Kg	☼	10/08/25 20:51	10/09/25 13:01	1
Pentachlorophenol	0.28	U	0.28	0.071	mg/Kg	☼	10/08/25 20:51	10/09/25 13:01	1
Phenanthrene	0.35	U	0.35	0.014	mg/Kg	☼	10/08/25 20:51	10/09/25 13:01	1

Client Sample ID: 45A_0-6
Date Collected: 10/07/25 09:00
Date Received: 10/07/25 17:15

Lab Sample ID: 460-336648-13
Matrix: Solid
Percent Solids: 95.5

Method: SW846 8270E - Semivolatile Organic Compounds (GC/MS) (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Phenol	0.35	U	0.35	0.013	mg/Kg	☼	10/08/25 20:51	10/09/25 13:01	1
Pyrene	0.35	U	0.35	0.0086	mg/Kg	☼	10/08/25 20:51	10/09/25 13:01	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
2,4,6-Tribromophenol (Surr)	*60*		*18 - 137*	*10/08/25 20:51*	*10/09/25 13:01*	*1*
2-Fluorobiphenyl	*59*		*33 - 117*	*10/08/25 20:51*	*10/09/25 13:01*	*1*
2-Fluorophenol (Surr)	*66*		*24 - 120*	*10/08/25 20:51*	*10/09/25 13:01*	*1*
Nitrobenzene-d5 (Surr)	*61*		*27 - 120*	*10/08/25 20:51*	*10/09/25 13:01*	*1*
Phenol-d5 (Surr)	*61*		*28 - 118*	*10/08/25 20:51*	*10/09/25 13:01*	*1*
Terphenyl-d14 (Surr)	*61*		*33 - 124*	*10/08/25 20:51*	*10/09/25 13:01*	*1*

Method: SW846 8081B - Organochlorine Pesticides (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
4,4'-DDD	0.0070	U	0.0070	0.0012	mg/Kg	☼	10/08/25 16:51	10/09/25 18:07	1
4,4'-DDE	0.0070	U	0.0070	0.00083	mg/Kg	☼	10/08/25 16:51	10/09/25 18:07	1
4,4'-DDT	0.0070	U	0.0070	0.0013	mg/Kg	☼	10/08/25 16:51	10/09/25 18:07	1
Aldrin	0.0070	U	0.0070	0.0011	mg/Kg	☼	10/08/25 16:51	10/09/25 18:07	1
alpha-BHC	0.0021	U	0.0021	0.00071	mg/Kg	☼	10/08/25 16:51	10/09/25 18:07	1
beta-BHC	0.0021	U	0.0021	0.00079	mg/Kg	☼	10/08/25 16:51	10/09/25 18:07	1
Chlordane (technical)	0.070	U	0.070	0.017	mg/Kg	☼	10/08/25 16:51	10/09/25 18:07	1
cis-Chlordane	0.0070	U	0.0070	0.0011	mg/Kg	☼	10/08/25 16:51	10/09/25 18:07	1
delta-BHC	0.0021	U	0.0021	0.00043	mg/Kg	☼	10/08/25 16:51	10/09/25 18:07	1
Dieldrin	0.0021	U	0.0021	0.00091	mg/Kg	☼	10/08/25 16:51	10/09/25 18:07	1
Endosulfan I	0.0070	U	0.0070	0.0011	mg/Kg	☼	10/08/25 16:51	10/09/25 18:07	1
Endosulfan II	0.0070	U	0.0070	0.0018	mg/Kg	☼	10/08/25 16:51	10/09/25 18:07	1
Endosulfan sulfate	0.0070	U	0.0070	0.00088	mg/Kg	☼	10/08/25 16:51	10/09/25 18:07	1
Endrin	0.0070	U	0.0070	0.0010	mg/Kg	☼	10/08/25 16:51	10/09/25 18:07	1
Endrin aldehyde	0.0070	U	0.0070	0.0017	mg/Kg	☼	10/08/25 16:51	10/09/25 18:07	1
Endrin ketone	0.0070	U	0.0070	0.0014	mg/Kg	☼	10/08/25 16:51	10/09/25 18:07	1
gamma-BHC (Lindane)	0.0021	U	0.0021	0.00065	mg/Kg	☼	10/08/25 16:51	10/09/25 18:07	1
Heptachlor	0.0070	U	0.0070	0.00083	mg/Kg	☼	10/08/25 16:51	10/09/25 18:07	1
Heptachlor epoxide	0.0070	U	0.0070	0.0010	mg/Kg	☼	10/08/25 16:51	10/09/25 18:07	1
Methoxychlor	0.0070	U	0.0070	0.0016	mg/Kg	☼	10/08/25 16:51	10/09/25 18:07	1
Toxaphene	0.070	U	0.070	0.025	mg/Kg	☼	10/08/25 16:51	10/09/25 18:07	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
DCB Decachlorobiphenyl	*94*		*10 - 150*	*10/08/25 16:51*	*10/09/25 18:07*	*1*
DCB Decachlorobiphenyl	*120*		*10 - 150*	*10/08/25 16:51*	*10/09/25 18:07*	*1*
Tetrachloro-m-xylene	*98*		*14 - 150*	*10/08/25 16:51*	*10/09/25 18:07*	*1*
Tetrachloro-m-xylene	*99*		*14 - 150*	*10/08/25 16:51*	*10/09/25 18:07*	*1*

Method: SW846 8082A - Polychlorinated Biphenyls (PCBs) by Gas Chromatography

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Aroclor 1016	0.070	U	0.070	0.019	mg/Kg	☼	10/08/25 16:43	10/09/25 19:10	1
Aroclor 1221	0.070	U	0.070	0.019	mg/Kg	☼	10/08/25 16:43	10/09/25 19:10	1
Aroclor 1232	0.070	U	0.070	0.019	mg/Kg	☼	10/08/25 16:43	10/09/25 19:10	1
Aroclor 1242	0.070	U	0.070	0.019	mg/Kg	☼	10/08/25 16:43	10/09/25 19:10	1
Aroclor 1248	0.070	U	0.070	0.019	mg/Kg	☼	10/08/25 16:43	10/09/25 19:10	1
Aroclor 1254	0.070	U	0.070	0.019	mg/Kg	☼	10/08/25 16:43	10/09/25 19:10	1
Aroclor 1260	0.070	U	0.070	0.019	mg/Kg	☼	10/08/25 16:43	10/09/25 19:10	1

Client Sample ID: 45A_0-6
Date Collected: 10/07/25 09:00
Date Received: 10/07/25 17:15

Lab Sample ID: 460-336648-13
Matrix: Solid
Percent Solids: 95.5

Method: SW846 8082A - Polychlorinated Biphenyls (PCBs) by Gas Chromatography (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Aroclor-1262	0.070	U	0.070	0.019	mg/Kg	☼	10/08/25 16:43	10/09/25 19:10	1
Aroclor 1268	0.070	U	0.070	0.019	mg/Kg	☼	10/08/25 16:43	10/09/25 19:10	1
Polychlorinated biphenyls, Total	0.070	U	0.070	0.019	mg/Kg	☼	10/08/25 16:43	10/09/25 19:10	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
DCB Decachlorobiphenyl	*118*		*10 - 150*	*10/08/25 16:43*	*10/09/25 19:10*	*1*
DCB Decachlorobiphenyl	*143*		*10 - 150*	*10/08/25 16:43*	*10/09/25 19:10*	*1*
Tetrachloro-m-xylene	*123*		*10 - 150*	*10/08/25 16:43*	*10/09/25 19:10*	*1*
Tetrachloro-m-xylene	*120*		*10 - 150*	*10/08/25 16:43*	*10/09/25 19:10*	*1*

Method: EPA 1633A - Per- and Polyfluoroalkyl Substances by LC/MS/MS, 1633A

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Perfluorobutanoic acid (PFBA)	0.38	U	0.38	0.096	ug/Kg	☼	10/09/25 14:16	10/10/25 19:46	1
Perfluoropentanoic acid (PFPeA)	**0.14**	**J**	0.19	0.096	ug/Kg	☼	10/09/25 14:16	10/10/25 19:46	1
Perfluorohexanoic acid (PFHxA)	**0.26**		0.19	0.096	ug/Kg	☼	10/09/25 14:16	10/10/25 19:46	1
Perfluoroheptanoic acid (PFHpA)	**0.37**		0.19	0.096	ug/Kg	☼	10/09/25 14:16	10/10/25 19:46	1
Perfluorooctanoic acid (PFOA)	**1.31**		0.19	0.057	ug/Kg	☼	10/09/25 14:16	10/10/25 19:46	1
Perfluorononanoic acid (PFNA)	**1.13**		0.19	0.096	ug/Kg	☼	10/09/25 14:16	10/10/25 19:46	1
Perfluorodecanoic acid (PFDA)	**3.40**		0.19	0.057	ug/Kg	☼	10/09/25 14:16	10/10/25 19:46	1
Perfluoroundecanoic acid (PFUnA)	**12.3**		0.19	0.096	ug/Kg	☼	10/09/25 14:16	10/10/25 19:46	1
Perfluorododecanoic acid (PFDoA)	**3.44**		0.19	0.096	ug/Kg	☼	10/09/25 14:16	10/10/25 19:46	1
Perfluorotridecanoic acid (PFTrDA)	**10.5**		0.19	0.096	ug/Kg	☼	10/09/25 14:16	10/10/25 19:46	1
Perfluorotetradecanoic acid (PFTeDA)	**1.04**		0.19	0.096	ug/Kg	☼	10/09/25 14:16	10/10/25 19:46	1
Perfluorobutanesulfonic acid (PFBS)	0.19	U	0.19	0.096	ug/Kg	☼	10/09/25 14:16	10/10/25 19:46	1
Perfluoropentanesulfonic acid (PFPeS)	0.19	U	0.19	0.096	ug/Kg	☼	10/09/25 14:16	10/10/25 19:46	1
Perfluorohexanesulfonic acid (PFHxS)	0.19	U	0.19	0.096	ug/Kg	☼	10/09/25 14:16	10/10/25 19:46	1
Perfluoroheptanesulfonic acid (PFHpS)	0.19	U	0.19	0.096	ug/Kg	☼	10/09/25 14:16	10/10/25 19:46	1
Perfluorooctanesulfonic acid (PFOS)	0.19	U	0.19	0.096	ug/Kg	☼	10/09/25 14:16	10/10/25 19:46	1
Perfluorononanesulfonic acid (PFNS)	0.19	U	0.19	0.096	ug/Kg	☼	10/09/25 14:16	10/10/25 19:46	1
Perfluorodecanesulfonic acid (PFDS)	0.19	U	0.19	0.096	ug/Kg	☼	10/09/25 14:16	10/10/25 19:46	1
Perfluorododecanesulfonic acid (PFDoS)	0.19	U	0.19	0.096	ug/Kg	☼	10/09/25 14:16	10/10/25 19:46	1
1H,1H,2H,2H-Perfluorohexane sulfonic acid (4:2 FTS)	0.38	U	0.38	0.19	ug/Kg	☼	10/09/25 14:16	10/10/25 19:46	1
1H,1H,2H,2H-Perfluorooctane sulfonic acid (6:2 FTS)	**1.01**		0.38	0.19	ug/Kg	☼	10/09/25 14:16	10/10/25 19:46	1
Perfluorooctanesulfonamide (PFOSA)	0.19	U	0.19	0.096	ug/Kg	☼	10/09/25 14:16	10/10/25 19:46	1
N-methylperfluorooctane sulfonamide (NMeFOSA)	0.19	U	0.19	0.096	ug/Kg	☼	10/09/25 14:16	10/10/25 19:46	1
N-ethylperfluorooctane sulfonamide (NEtFOSA)	0.19	U	0.19	0.096	ug/Kg	☼	10/09/25 14:16	10/10/25 19:46	1
N-methylperfluorooctanesulfonamidoacetic acid (NMeFOSAA)	0.19	U	0.19	0.096	ug/Kg	☼	10/09/25 14:16	10/10/25 19:46	1
N-ethylperfluorooctanesulfonamidoacetic acid (NEtFOSAA)	0.19	U	0.19	0.096	ug/Kg	☼	10/09/25 14:16	10/10/25 19:46	1
N-methylperfluorooctane sulfonamidoethanol (NMeFOSE)	0.96	U	0.96	0.48	ug/Kg	☼	10/09/25 14:16	10/10/25 19:46	1

Client Sample ID: 45A_0-6
Date Collected: 10/07/25 09:00
Date Received: 10/07/25 17:15

Lab Sample ID: 460-336648-13
Matrix: Solid
Percent Solids: 95.5

Method: EPA 1633A - Per- and Polyfluoroalkyl Substances by LC/MS/MS, 1633A (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
N-ethylperfluorooctane sulfonamidoethanol (NEtFOSE)	0.96	U	0.96	0.48	ug/Kg	☼	10/09/25 14:16	10/10/25 19:46	1
Hexafluoropropylene Oxide Dimer Acid (HFPO-DA)	0.19	U	0.19	0.096	ug/Kg	☼	10/09/25 14:16	10/10/25 19:46	1
4,8-Dioxa-3H-perfluorononanoic acid (ADONA)	0.19	U	0.19	0.096	ug/Kg	☼	10/09/25 14:16	10/10/25 19:46	1
Perfluoro-3-methoxypropanoic acid (PFMPA)	0.19	U	0.19	0.096	ug/Kg	☼	10/09/25 14:16	10/10/25 19:46	1
Perfluoro-4-methoxybutanoic acid (PFMBA)	0.19	U	0.19	0.096	ug/Kg	☼	10/09/25 14:16	10/10/25 19:46	1
Nonafluoro-3,6-dioxaheptanoic acid (NFDHA)	0.19	U	0.19	0.096	ug/Kg	☼	10/09/25 14:16	10/10/25 19:46	1
9-Chlorohexadecafluoro-3-oxanonane-1-sulfonic acid (9Cl-PF3ONS)	0.19	U	0.19	0.096	ug/Kg	☼	10/09/25 14:16	10/10/25 19:46	1
11-Chloroeicosafluoro-3-oxaundecane-1-sulfonic acid (11Cl-PF3OUdS)	0.19	U	0.19	0.096	ug/Kg	☼	10/09/25 14:16	10/10/25 19:46	1
Perfluoro (2-ethoxyethane) sulfonic acid (PFEESA)	0.19	U	0.19	0.096	ug/Kg	☼	10/09/25 14:16	10/10/25 19:46	1
3-Perfluoropropylpropanoic acid (3:3 FTCA)	0.38	U	0.38	0.19	ug/Kg	☼	10/09/25 14:16	10/10/25 19:46	1
3-Perfluoropentylpropanoic acid (5:3 FTCA)	0.96	U	0.96	0.48	ug/Kg	☼	10/09/25 14:16	10/10/25 19:46	1
3-Perfluoroheptylpropanoic acid (7:3 FTCA)	**0.78**	**J**	0.96	0.48	ug/Kg	☼	10/09/25 14:16	10/10/25 19:46	1

Isotope Dilution	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
13C4 PFBA	*86.4*		*8 - 130*	*10/09/25 14:16*	*10/10/25 19:46*	*1*
13C5 PFPeA	*92.8*		*35 - 130*	*10/09/25 14:16*	*10/10/25 19:46*	*1*
13C5 PFHxA	*86.8*		*40 - 130*	*10/09/25 14:16*	*10/10/25 19:46*	*1*
13C4 PFHpA	*96.2*		*40 - 130*	*10/09/25 14:16*	*10/10/25 19:46*	*1*
13C8 PFOA	*87.8*		*40 - 130*	*10/09/25 14:16*	*10/10/25 19:46*	*1*
13C9 PFNA	*86.3*		*40 - 130*	*10/09/25 14:16*	*10/10/25 19:46*	*1*
13C6 PFDA	*81.5*		*40 - 130*	*10/09/25 14:16*	*10/10/25 19:46*	*1*
13C7 PFUnA	*72.9*		*40 - 130*	*10/09/25 14:16*	*10/10/25 19:46*	*1*
13C2 PFTeDA	*42.4*		*20 - 130*	*10/09/25 14:16*	*10/10/25 19:46*	*1*
13C3 PFBS	*80.6*		*40 - 135*	*10/09/25 14:16*	*10/10/25 19:46*	*1*
13C3 PFHxS	*84.6*		*40 - 130*	*10/09/25 14:16*	*10/10/25 19:46*	*1*
13C8 PFOS	*81.4*		*40 - 130*	*10/09/25 14:16*	*10/10/25 19:46*	*1*
13C8 FOSA	*77.0*		*40 - 130*	*10/09/25 14:16*	*10/10/25 19:46*	*1*
d3-NMeFOSAA	*58.5*		*40 - 135*	*10/09/25 14:16*	*10/10/25 19:46*	*1*
d5-NEtFOSAA	*64.7*		*40 - 150*	*10/09/25 14:16*	*10/10/25 19:46*	*1*
13C2 4:2 FTS	*119*		*40 - 165*	*10/09/25 14:16*	*10/10/25 19:46*	*1*
13C2 6:2 FTS	*106*		*40 - 215*	*10/09/25 14:16*	*10/10/25 19:46*	*1*
13C3 HFPO-DA	*96.7*		*40 - 130*	*10/09/25 14:16*	*10/10/25 19:46*	*1*
d7-N-MeFOSE-M	*45.2*		*20 - 130*	*10/09/25 14:16*	*10/10/25 19:46*	*1*
d9-N-EtFOSE-M	*42.8*		*15 - 130*	*10/09/25 14:16*	*10/10/25 19:46*	*1*
d5-NEtPFOSA	*65.5*		*10 - 130*	*10/09/25 14:16*	*10/10/25 19:46*	*1*
d3-NMePFOSA	*68.0*		*10 - 130*	*10/09/25 14:16*	*10/10/25 19:46*	*1*
13C2 PFDoA	*68.3*		*40 - 130*	*10/09/25 14:16*	*10/10/25 19:46*	*1*

Method: EPA 1633A - Per- and Polyfluoroalkyl Substances by LC/MS/MS, 1633A - DL

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1H,1H,2H,2H-Perfluorodecane sulfonic acid (8:2 FTS)	**48.8**		3.83	1.91	ug/Kg	☼	10/09/25 14:16	10/11/25 12:56	10

Client Sample ID: 45A_0-6

Lab Sample ID: 460-336648-13

Date Collected: 10/07/25 09:00

Matrix: Solid

Date Received: 10/07/25 17:15

Percent Solids: 95.5

Isotope Dilution	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
13C2 8:2 FTS	*84.8*		*40 - 275*	*10/09/25 14:16*	*10/11/25 12:56*	*10*

Method: SW846 6020B - Metals (ICP/MS)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Aluminum	4660		15.7	4.3	mg/Kg	☼	10/11/25 20:55	10/12/25 13:22	1
Antimony	2.8		0.79	0.11	mg/Kg	☼	10/11/25 20:55	10/12/25 13:22	1
Arsenic	9.7		0.79	0.081	mg/Kg	☼	10/11/25 20:55	10/12/25 13:22	1
Barium	23.3		1.6	0.11	mg/Kg	☼	10/11/25 20:55	10/12/25 13:22	1
Beryllium	0.41		0.31	0.017	mg/Kg	☼	10/11/25 20:55	10/12/25 13:22	1
Cadmium	0.20	J	0.79	0.089	mg/Kg	☼	10/11/25 20:55	10/12/25 13:22	1
Calcium	782		78.7	7.7	mg/Kg	☼	10/11/25 20:55	10/12/25 13:22	1
Chromium	15.2		1.6	0.23	mg/Kg	☼	10/11/25 20:55	10/12/25 13:22	1
Cobalt	4.8		0.79	0.12	mg/Kg	☼	10/11/25 20:55	10/12/25 13:22	1
Copper	45.9		1.6	0.29	mg/Kg	☼	10/11/25 20:55	10/12/25 13:22	1
Iron	17200		47.2	6.0	mg/Kg	☼	10/11/25 20:55	10/12/25 13:22	1
Lead	99.6		0.47	0.16	mg/Kg	☼	10/11/25 20:55	10/12/25 13:22	1
Magnesium	1220		78.7	8.0	mg/Kg	☼	10/11/25 20:55	10/12/25 13:22	1
Manganese	119		3.1	0.32	mg/Kg	☼	10/11/25 20:55	10/12/25 13:22	1
Nickel	16.1		1.6	0.14	mg/Kg	☼	10/11/25 20:55	10/12/25 13:22	1
Potassium	1170		78.7	12.8	mg/Kg	☼	10/11/25 20:55	10/12/25 13:22	1
Selenium	0.38	J	0.98	0.10	mg/Kg	☼	10/11/25 20:55	10/12/25 13:22	1
Silver	0.27	J	0.31	0.070	mg/Kg	☼	10/11/25 20:55	10/12/25 13:22	1
Sodium	51.0	J	78.7	36.0	mg/Kg	☼	10/11/25 20:55	10/12/25 13:22	1
Thallium	0.047	J	0.31	0.032	mg/Kg	☼	10/11/25 20:55	10/12/25 13:22	1
Vanadium	23.4		1.6	0.16	mg/Kg	☼	10/11/25 20:55	10/12/25 13:22	1
Zinc	86.5		6.3	0.86	mg/Kg	☼	10/11/25 20:55	10/12/25 13:22	1

Method: SW846 7471B - Mercury (CVAA)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	0.027		0.017	0.0080	mg/Kg	☼	10/16/25 01:43	10/16/25 08:26	1

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Percent Moisture (EPA Moisture)	4.5		1.0	1.0	%			10/08/25 18:34	1
Percent Solids (EPA Moisture)	95.5		1.0	1.0	%			10/08/25 18:34	1

Client Sample ID: 45A_6-12

Lab Sample ID: 460-336648-14

Date Collected: 10/07/25 09:05

Matrix: Solid

Date Received: 10/07/25 17:15

Percent Solids: 95.8

Method: SW846 8270E - Semivolatile Organic Compounds (GC/MS)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1'-Biphenyl	0.34	U	0.34	0.012	mg/Kg	☼	10/08/25 20:51	10/09/25 13:19	1
1,2,4,5-Tetrachlorobenzene	0.34	U	0.34	0.011	mg/Kg	☼	10/08/25 20:51	10/09/25 13:19	1
1,4-Dioxane	0.034	U	0.034	0.030	mg/Kg	☼	10/08/25 20:51	10/09/25 13:19	1
2,2'-oxybis[1-chloropropane]	0.34	U	0.34	0.021	mg/Kg	☼	10/08/25 20:51	10/09/25 13:19	1
2,3,4,6-Tetrachlorophenol	0.34	U	0.34	0.023	mg/Kg	☼	10/08/25 20:51	10/09/25 13:19	1
2,4,5-Trichlorophenol	0.34	U	0.34	0.035	mg/Kg	☼	10/08/25 20:51	10/09/25 13:19	1
2,4,6-Trichlorophenol	0.14	U	0.14	0.044	mg/Kg	☼	10/08/25 20:51	10/09/25 13:19	1
2,4-Dichlorophenol	0.14	U	0.14	0.022	mg/Kg	☼	10/08/25 20:51	10/09/25 13:19	1
2,4-Dimethylphenol	0.34	U	0.34	0.041	mg/Kg	☼	10/08/25 20:51	10/09/25 13:19	1
2,4-Dinitrophenol	0.28	U	0.28	0.17	mg/Kg	☼	10/08/25 20:51	10/09/25 13:19	1

Client: Haley & Aldrich, Inc.
Project/Site: Former Port Mobil

Job ID: 460-336648-1

Client Sample ID: 45A_6-12
Date Collected: 10/07/25 09:05
Date Received: 10/07/25 17:15

Lab Sample ID: 460-336648-14
Matrix: Solid
Percent Solids: 95.8

Method: SW846 8270E - Semivolatile Organic Compounds (GC/MS) (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
2,4-Dinitrotoluene	0.070	U	0.070	0.037	mg/Kg	☼	10/08/25 20:51	10/09/25 13:19	1
2,6-Dinitrotoluene	0.070	U	0.070	0.025	mg/Kg	☼	10/08/25 20:51	10/09/25 13:19	1
2-Chloronaphthalene	0.34	U	0.34	0.044	mg/Kg	☼	10/08/25 20:51	10/09/25 13:19	1
2-Chlorophenol	0.34	U	0.34	0.012	mg/Kg	☼	10/08/25 20:51	10/09/25 13:19	1
2-Methylnaphthalene	0.34	U	0.34	0.0096	mg/Kg	☼	10/08/25 20:51	10/09/25 13:19	1
2-Methylphenol	0.34	U	0.34	0.013	mg/Kg	☼	10/08/25 20:51	10/09/25 13:19	1
2-Nitroaniline	0.34	U	0.34	0.026	mg/Kg	☼	10/08/25 20:51	10/09/25 13:19	1
2-Nitrophenol	0.34	U	0.34	0.035	mg/Kg	☼	10/08/25 20:51	10/09/25 13:19	1
3 & 4 Methylphenol	0.34	U	0.34	0.021	mg/Kg	☼	10/08/25 20:51	10/09/25 13:19	1
3,3'-Dichlorobenzidine	0.14	U	0.14	0.052	mg/Kg	☼	10/08/25 20:51	10/09/25 13:19	1
3-Nitroaniline	0.34	U	0.34	0.082	mg/Kg	☼	10/08/25 20:51	10/09/25 13:19	1
4,6-Dinitro-2-methylphenol	0.28	U	0.28	0.14	mg/Kg	☼	10/08/25 20:51	10/09/25 13:19	1
4-Bromophenyl phenyl ether	0.34	U	0.34	0.014	mg/Kg	☼	10/08/25 20:51	10/09/25 13:19	1
4-Chloro-3-methylphenol	0.34	U	0.34	0.019	mg/Kg	☼	10/08/25 20:51	10/09/25 13:19	1
4-Chloroaniline	0.34	U	0.34	0.061	mg/Kg	☼	10/08/25 20:51	10/09/25 13:19	1
4-Chlorophenyl phenyl ether	0.34	U	0.34	0.012	mg/Kg	☼	10/08/25 20:51	10/09/25 13:19	1
4-Methylphenol	0.34	U	0.34	0.022	mg/Kg	☼	10/08/25 20:51	10/09/25 13:19	1
4-Nitroaniline	0.34	U	0.34	0.087	mg/Kg	☼	10/08/25 20:51	10/09/25 13:19	1
4-Nitrophenol	0.70	U	0.70	0.056	mg/Kg	☼	10/08/25 20:51	10/09/25 13:19	1
Acenaphthene	0.34	U	0.34	0.0098	mg/Kg	☼	10/08/25 20:51	10/09/25 13:19	1
Acenaphthylene	0.34	U	0.34	0.0099	mg/Kg	☼	10/08/25 20:51	10/09/25 13:19	1
Acetophenone	0.34	U	0.34	0.017	mg/Kg	☼	10/08/25 20:51	10/09/25 13:19	1
Anthracene	0.34	U	0.34	0.010	mg/Kg	☼	10/08/25 20:51	10/09/25 13:19	1
Atrazine	0.14	U	0.14	0.020	mg/Kg	☼	10/08/25 20:51	10/09/25 13:19	1
Benzaldehyde	0.34	U	0.34	0.057	mg/Kg	☼	10/08/25 20:51	10/09/25 13:19	1
Benzo[a]anthracene	0.034	U	0.034	0.026	mg/Kg	☼	10/08/25 20:51	10/09/25 13:19	1
Benzo[a]pyrene	0.034	U	0.034	0.0092	mg/Kg	☼	10/08/25 20:51	10/09/25 13:19	1
Benzo[b]fluoranthene	0.034	U	0.034	0.0089	mg/Kg	☼	10/08/25 20:51	10/09/25 13:19	1
Benzo[g,h,i]perylene	0.34	U	0.34	0.010	mg/Kg	☼	10/08/25 20:51	10/09/25 13:19	1
Benzo[k]fluoranthene	0.034	U	0.034	0.0068	mg/Kg	☼	10/08/25 20:51	10/09/25 13:19	1
Bis(2-chloroethoxy)methane	0.34	U	0.34	0.064	mg/Kg	☼	10/08/25 20:51	10/09/25 13:19	1
Bis(2-chloroethyl)ether	0.034	U	0.034	0.012	mg/Kg	☼	10/08/25 20:51	10/09/25 13:19	1
Bis(2-ethylhexyl) phthalate	0.34	U	0.34	0.018	mg/Kg	☼	10/08/25 20:51	10/09/25 13:19	1
Butyl benzyl phthalate	0.34	U	0.34	0.016	mg/Kg	☼	10/08/25 20:51	10/09/25 13:19	1
Caprolactam	0.34	U	0.34	0.054	mg/Kg	☼	10/08/25 20:51	10/09/25 13:19	1
Carbazole	0.34	U	0.34	0.013	mg/Kg	☼	10/08/25 20:51	10/09/25 13:19	1
Chrysene	0.34	U	0.34	0.014	mg/Kg	☼	10/08/25 20:51	10/09/25 13:19	1
Dibenz(a,h)anthracene	0.034	U	0.034	0.015	mg/Kg	☼	10/08/25 20:51	10/09/25 13:19	1
Dibenzofuran	0.34	U	0.34	0.012	mg/Kg	☼	10/08/25 20:51	10/09/25 13:19	1
Diethyl phthalate	0.34	U	0.34	0.011	mg/Kg	☼	10/08/25 20:51	10/09/25 13:19	1
Dimethyl phthalate	0.34	U	0.34	0.078	mg/Kg	☼	10/08/25 20:51	10/09/25 13:19	1
Di-n-butyl phthalate	0.34	U	0.34	0.013	mg/Kg	☼	10/08/25 20:51	10/09/25 13:19	1
Di-n-octyl phthalate	0.34	U	0.34	0.018	mg/Kg	☼	10/08/25 20:51	10/09/25 13:19	1
Fluoranthene	0.34	U	0.34	0.012	mg/Kg	☼	10/08/25 20:51	10/09/25 13:19	1
Fluorene	0.34	U	0.34	0.010	mg/Kg	☼	10/08/25 20:51	10/09/25 13:19	1
Hexachlorobenzene	0.034	U	0.034	0.016	mg/Kg	☼	10/08/25 20:51	10/09/25 13:19	1
Hexachlorobutadiene	0.070	U	0.070	0.0073	mg/Kg	☼	10/08/25 20:51	10/09/25 13:19	1
Hexachlorocyclopentadiene	0.34	U	0.34	0.030	mg/Kg	☼	10/08/25 20:51	10/09/25 13:19	1
Hexachloroethane	0.034	U	0.034	0.012	mg/Kg	☼	10/08/25 20:51	10/09/25 13:19	1

Client Sample ID: 45A_6-12
Date Collected: 10/07/25 09:05
Date Received: 10/07/25 17:15

Lab Sample ID: 460-336648-14
Matrix: Solid
Percent Solids: 95.8

Method: SW846 8270E - Semivolatile Organic Compounds (GC/MS) (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Indeno[1,2,3-cd]pyrene	0.034	U	0.034	0.013	mg/Kg	☼	10/08/25 20:51	10/09/25 13:19	1
Isophorone	0.14	U	0.14	0.10	mg/Kg	☼	10/08/25 20:51	10/09/25 13:19	1
Naphthalene	0.34	U	0.34	0.0060	mg/Kg	☼	10/08/25 20:51	10/09/25 13:19	1
Nitrobenzene	0.034	U	0.034	0.019	mg/Kg	☼	10/08/25 20:51	10/09/25 13:19	1
N-Nitrosodi-n-propylamine	0.034	U	0.034	0.025	mg/Kg	☼	10/08/25 20:51	10/09/25 13:19	1
N-Nitrosodiphenylamine	0.34	U	0.34	0.028	mg/Kg	☼	10/08/25 20:51	10/09/25 13:19	1
Pentachlorophenol	0.28	U	0.28	0.071	mg/Kg	☼	10/08/25 20:51	10/09/25 13:19	1
Phenanthrene	0.34	U	0.34	0.014	mg/Kg	☼	10/08/25 20:51	10/09/25 13:19	1
Phenol	0.34	U	0.34	0.013	mg/Kg	☼	10/08/25 20:51	10/09/25 13:19	1
Pyrene	0.34	U	0.34	0.0086	mg/Kg	☼	10/08/25 20:51	10/09/25 13:19	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
2,4,6-Tribromophenol (Surr)	*58*		*18 - 137*	*10/08/25 20:51*	*10/09/25 13:19*	*1*
2-Fluorobiphenyl	*60*		*33 - 117*	*10/08/25 20:51*	*10/09/25 13:19*	*1*
2-Fluorophenol (Surr)	*66*		*24 - 120*	*10/08/25 20:51*	*10/09/25 13:19*	*1*
Nitrobenzene-d5 (Surr)	*62*		*27 - 120*	*10/08/25 20:51*	*10/09/25 13:19*	*1*
Phenol-d5 (Surr)	*62*		*28 - 118*	*10/08/25 20:51*	*10/09/25 13:19*	*1*
Terphenyl-d14 (Surr)	*61*		*33 - 124*	*10/08/25 20:51*	*10/09/25 13:19*	*1*

Method: SW846 8081B - Organochlorine Pesticides (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
4,4'-DDD	0.0070	U	0.0070	0.0012	mg/Kg	☼	10/08/25 16:51	10/09/25 18:20	1
4,4'-DDE	0.0070	U	0.0070	0.00082	mg/Kg	☼	10/08/25 16:51	10/09/25 18:20	1
4,4'-DDT	0.0070	U	0.0070	0.0013	mg/Kg	☼	10/08/25 16:51	10/09/25 18:20	1
Aldrin	0.0070	U	0.0070	0.0011	mg/Kg	☼	10/08/25 16:51	10/09/25 18:20	1
alpha-BHC	0.0021	U	0.0021	0.00071	mg/Kg	☼	10/08/25 16:51	10/09/25 18:20	1
beta-BHC	0.0021	U	0.0021	0.00078	mg/Kg	☼	10/08/25 16:51	10/09/25 18:20	1
Chlordane (technical)	0.070	U	0.070	0.017	mg/Kg	☼	10/08/25 16:51	10/09/25 18:20	1
cis-Chlordane	0.0070	U	0.0070	0.0011	mg/Kg	☼	10/08/25 16:51	10/09/25 18:20	1
delta-BHC	0.0021	U	0.0021	0.00043	mg/Kg	☼	10/08/25 16:51	10/09/25 18:20	1
Dieldrin	0.0021	U	0.0021	0.00091	mg/Kg	☼	10/08/25 16:51	10/09/25 18:20	1
Endosulfan I	0.0070	U	0.0070	0.0011	mg/Kg	☼	10/08/25 16:51	10/09/25 18:20	1
Endosulfan II	0.0070	U	0.0070	0.0018	mg/Kg	☼	10/08/25 16:51	10/09/25 18:20	1
Endosulfan sulfate	0.0070	U	0.0070	0.00088	mg/Kg	☼	10/08/25 16:51	10/09/25 18:20	1
Endrin	0.0070	U	0.0070	0.0010	mg/Kg	☼	10/08/25 16:51	10/09/25 18:20	1
Endrin aldehyde	0.0070	U	0.0070	0.0016	mg/Kg	☼	10/08/25 16:51	10/09/25 18:20	1
Endrin ketone	0.0070	U	0.0070	0.0014	mg/Kg	☼	10/08/25 16:51	10/09/25 18:20	1
gamma-BHC (Lindane)	0.0021	U	0.0021	0.00065	mg/Kg	☼	10/08/25 16:51	10/09/25 18:20	1
Heptachlor	0.0070	U	0.0070	0.00082	mg/Kg	☼	10/08/25 16:51	10/09/25 18:20	1
Heptachlor epoxide	0.0070	U	0.0070	0.0010	mg/Kg	☼	10/08/25 16:51	10/09/25 18:20	1
Methoxychlor	0.0070	U	0.0070	0.0016	mg/Kg	☼	10/08/25 16:51	10/09/25 18:20	1
Toxaphene	0.070	U	0.070	0.025	mg/Kg	☼	10/08/25 16:51	10/09/25 18:20	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
DCB Decachlorobiphenyl	*95*		*10 - 150*	*10/08/25 16:51*	*10/09/25 18:20*	*1*
DCB Decachlorobiphenyl	*122*		*10 - 150*	*10/08/25 16:51*	*10/09/25 18:20*	*1*
Tetrachloro-m-xylene	*100*		*14 - 150*	*10/08/25 16:51*	*10/09/25 18:20*	*1*
Tetrachloro-m-xylene	*101*		*14 - 150*	*10/08/25 16:51*	*10/09/25 18:20*	*1*

Client Sample ID: 45A_6-12
Date Collected: 10/07/25 09:05
Date Received: 10/07/25 17:15

Lab Sample ID: 460-336648-14
Matrix: Solid
Percent Solids: 95.8

Method: SW846 8082A - Polychlorinated Biphenyls (PCBs) by Gas Chromatography

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Aroclor 1016	0.070	U	0.070	0.019	mg/Kg	☼	10/08/25 16:43	10/09/25 19:32	1
Aroclor 1221	0.070	U	0.070	0.019	mg/Kg	☼	10/08/25 16:43	10/09/25 19:32	1
Aroclor 1232	0.070	U	0.070	0.019	mg/Kg	☼	10/08/25 16:43	10/09/25 19:32	1
Aroclor 1242	0.070	U	0.070	0.019	mg/Kg	☼	10/08/25 16:43	10/09/25 19:32	1
Aroclor 1248	0.070	U	0.070	0.019	mg/Kg	☼	10/08/25 16:43	10/09/25 19:32	1
Aroclor 1254	0.070	U	0.070	0.019	mg/Kg	☼	10/08/25 16:43	10/09/25 19:32	1
Aroclor 1260	0.070	U	0.070	0.019	mg/Kg	☼	10/08/25 16:43	10/09/25 19:32	1
Aroclor-1262	0.070	U	0.070	0.019	mg/Kg	☼	10/08/25 16:43	10/09/25 19:32	1
Aroclor 1268	0.070	U	0.070	0.019	mg/Kg	☼	10/08/25 16:43	10/09/25 19:32	1
Polychlorinated biphenyls, Total	0.070	U	0.070	0.019	mg/Kg	☼	10/08/25 16:43	10/09/25 19:32	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
DCB Decachlorobiphenyl	*121*		*10 - 150*	*10/08/25 16:43*	*10/09/25 19:32*	*1*
DCB Decachlorobiphenyl	*144*		*10 - 150*	*10/08/25 16:43*	*10/09/25 19:32*	*1*
Tetrachloro-m-xylene	*124*		*10 - 150*	*10/08/25 16:43*	*10/09/25 19:32*	*1*
Tetrachloro-m-xylene	*120*		*10 - 150*	*10/08/25 16:43*	*10/09/25 19:32*	*1*

Method: EPA 1633A - Per- and Polyfluoroalkyl Substances by LC/MS/MS, 1633A

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Perfluorobutanoic acid (PFBA)	0.38	U	0.38	0.096	ug/Kg	☼	10/09/25 14:16	10/10/25 19:59	1
Perfluoropentanoic acid (PFPeA)	**0.22**		0.19	0.096	ug/Kg	☼	10/09/25 14:16	10/10/25 19:59	1
Perfluorohexanoic acid (PFHxA)	**0.23**		0.19	0.096	ug/Kg	☼	10/09/25 14:16	10/10/25 19:59	1
Perfluoroheptanoic acid (PFHpA)	**0.46**		0.19	0.096	ug/Kg	☼	10/09/25 14:16	10/10/25 19:59	1
Perfluorooctanoic acid (PFOA)	**0.61**		0.19	0.057	ug/Kg	☼	10/09/25 14:16	10/10/25 19:59	1
Perfluorononanoic acid (PFNA)	**0.82**		0.19	0.096	ug/Kg	☼	10/09/25 14:16	10/10/25 19:59	1
Perfluorodecanoic acid (PFDA)	**5.29**		0.19	0.057	ug/Kg	☼	10/09/25 14:16	10/10/25 19:59	1
Perfluorododecanoic acid (PFDoA)	**1.17**		0.19	0.096	ug/Kg	☼	10/09/25 14:16	10/10/25 19:59	1
Perfluorotridecanoic acid (PFTrDA)	**1.88**		0.19	0.096	ug/Kg	☼	10/09/25 14:16	10/10/25 19:59	1
Perfluorotetradecanoic acid (PFTeDA)	**0.17**	**J**	0.19	0.096	ug/Kg	☼	10/09/25 14:16	10/10/25 19:59	1
Perfluorobutanesulfonic acid (PFBS)	0.19	U	0.19	0.096	ug/Kg	☼	10/09/25 14:16	10/10/25 19:59	1
Perfluoropentanesulfonic acid (PFPeS)	0.19	U	0.19	0.096	ug/Kg	☼	10/09/25 14:16	10/10/25 19:59	1
Perfluorohexanesulfonic acid (PFHxS)	0.19	U	0.19	0.096	ug/Kg	☼	10/09/25 14:16	10/10/25 19:59	1
Perfluoroheptanesulfonic acid (PFHpS)	0.19	U	0.19	0.096	ug/Kg	☼	10/09/25 14:16	10/10/25 19:59	1
Perfluorooctanesulfonic acid (PFOS)	0.19	U	0.19	0.096	ug/Kg	☼	10/09/25 14:16	10/10/25 19:59	1
Perfluorononanesulfonic acid (PFNS)	0.19	U	0.19	0.096	ug/Kg	☼	10/09/25 14:16	10/10/25 19:59	1
Perfluorodecanesulfonic acid (PFDS)	0.19	U	0.19	0.096	ug/Kg	☼	10/09/25 14:16	10/10/25 19:59	1
Perfluorododecanesulfonic acid (PFDoS)	0.19	U	0.19	0.096	ug/Kg	☼	10/09/25 14:16	10/10/25 19:59	1
1H,1H,2H,2H-Perfluorohexane sulfonic acid (4:2 FTS)	0.38	U	0.38	0.19	ug/Kg	☼	10/09/25 14:16	10/10/25 19:59	1
1H,1H,2H,2H-Perfluorooctane sulfonic acid (6:2 FTS)	**0.22**	**J**	0.38	0.19	ug/Kg	☼	10/09/25 14:16	10/10/25 19:59	1
1H,1H,2H,2H-Perfluorodecane sulfonic acid (8:2 FTS)	**18.3**		0.38	0.19	ug/Kg	☼	10/09/25 14:16	10/10/25 19:59	1
Perfluorooctanesulfonamide (PFOSA)	0.19	U	0.19	0.096	ug/Kg	☼	10/09/25 14:16	10/10/25 19:59	1
N-methylperfluorooctane sulfonamide (NMeFOSA)	0.19	U	0.19	0.096	ug/Kg	☼	10/09/25 14:16	10/10/25 19:59	1

Client Sample ID: 45A_6-12
Date Collected: 10/07/25 09:05
Date Received: 10/07/25 17:15

Lab Sample ID: 460-336648-14
Matrix: Solid
Percent Solids: 95.8

Method: EPA 1633A - Per- and Polyfluoroalkyl Substances by LC/MS/MS, 1633A (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
N-ethylperfluorooctane sulfonamide (NEtFOSA)	0.19	U	0.19	0.096	ug/Kg	☼	10/09/25 14:16	10/10/25 19:59	1
N-methylperfluorooctanesulfonamidoacetic acid (NMeFOSAA)	0.19	U	0.19	0.096	ug/Kg	☼	10/09/25 14:16	10/10/25 19:59	1
N-ethylperfluorooctanesulfonamidoacetic acid (NEtFOSAA)	0.19	U	0.19	0.096	ug/Kg	☼	10/09/25 14:16	10/10/25 19:59	1
N-methylperfluorooctane sulfonamidoethanol (NMeFOSE)	0.96	U	0.96	0.48	ug/Kg	☼	10/09/25 14:16	10/10/25 19:59	1
N-ethylperfluorooctane sulfonamidoethanol (NEtFOSE)	0.96	U	0.96	0.48	ug/Kg	☼	10/09/25 14:16	10/10/25 19:59	1
Hexafluoropropylene Oxide Dimer Acid (HFPO-DA)	0.19	U	0.19	0.096	ug/Kg	☼	10/09/25 14:16	10/10/25 19:59	1
4,8-Dioxa-3H-perfluorononanoic acid (ADONA)	0.19	U	0.19	0.096	ug/Kg	☼	10/09/25 14:16	10/10/25 19:59	1
Perfluoro-3-methoxypropanoic acid (PFMPA)	0.19	U	0.19	0.096	ug/Kg	☼	10/09/25 14:16	10/10/25 19:59	1
Perfluoro-4-methoxybutanoic acid (PFMBA)	0.19	U	0.19	0.096	ug/Kg	☼	10/09/25 14:16	10/10/25 19:59	1
Nonafluoro-3,6-dioxaheptanoic acid (NFDHA)	0.19	U	0.19	0.096	ug/Kg	☼	10/09/25 14:16	10/10/25 19:59	1
9-Chlorohexadecafluoro-3-oxanonane-1-sulfonic acid (9Cl-PF3ONS)	0.19	U	0.19	0.096	ug/Kg	☼	10/09/25 14:16	10/10/25 19:59	1
11-Chloroeicosafluoro-3-oxaundecane-1-sulfonic acid (11Cl-PF3OUdS)	0.19	U	0.19	0.096	ug/Kg	☼	10/09/25 14:16	10/10/25 19:59	1
Perfluoro (2-ethoxyethane) sulfonic acid (PFEESA)	0.19	U	0.19	0.096	ug/Kg	☼	10/09/25 14:16	10/10/25 19:59	1
3-Perfluoropropylpropanoic acid (3:3 FTCA)	0.38	U	0.38	0.19	ug/Kg	☼	10/09/25 14:16	10/10/25 19:59	1
3-Perfluoropentylpropanoic acid (5:3 FTCA)	0.96	U	0.96	0.48	ug/Kg	☼	10/09/25 14:16	10/10/25 19:59	1
3-Perfluoroheptylpropanoic acid (7:3 FTCA)	**0.65**	**J**	0.96	0.48	ug/Kg	☼	10/09/25 14:16	10/10/25 19:59	1

Isotope Dilution	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
13C4 PFBA	*84.5*		*8 - 130*	*10/09/25 14:16*	*10/10/25 19:59*	*1*
13C5 PFPeA	*89.7*		*35 - 130*	*10/09/25 14:16*	*10/10/25 19:59*	*1*
13C5 PFHxA	*83.8*		*40 - 130*	*10/09/25 14:16*	*10/10/25 19:59*	*1*
13C4 PFHpA	*94.4*		*40 - 130*	*10/09/25 14:16*	*10/10/25 19:59*	*1*
13C8 PFOA	*81.9*		*40 - 130*	*10/09/25 14:16*	*10/10/25 19:59*	*1*
13C9 PFNA	*83.8*		*40 - 130*	*10/09/25 14:16*	*10/10/25 19:59*	*1*
13C6 PFDA	*80.1*		*40 - 130*	*10/09/25 14:16*	*10/10/25 19:59*	*1*
13C2 PFTeDA	*44.3*		*20 - 130*	*10/09/25 14:16*	*10/10/25 19:59*	*1*
13C3 PFBS	*79.5*		*40 - 135*	*10/09/25 14:16*	*10/10/25 19:59*	*1*
13C3 PFHxS	*81.3*		*40 - 130*	*10/09/25 14:16*	*10/10/25 19:59*	*1*
13C8 PFOS	*78.0*		*40 - 130*	*10/09/25 14:16*	*10/10/25 19:59*	*1*
13C8 FOSA	*71.8*		*40 - 130*	*10/09/25 14:16*	*10/10/25 19:59*	*1*
d3-NMeFOSAA	*54.8*		*40 - 135*	*10/09/25 14:16*	*10/10/25 19:59*	*1*
d5-NEtFOSAA	*54.9*		*40 - 150*	*10/09/25 14:16*	*10/10/25 19:59*	*1*
13C2 4:2 FTS	*89.7*		*40 - 165*	*10/09/25 14:16*	*10/10/25 19:59*	*1*
13C2 6:2 FTS	*88.0*		*40 - 215*	*10/09/25 14:16*	*10/10/25 19:59*	*1*
13C2 8:2 FTS	*69.6*		*40 - 275*	*10/09/25 14:16*	*10/10/25 19:59*	*1*
13C3 HFPO-DA	*99.4*		*40 - 130*	*10/09/25 14:16*	*10/10/25 19:59*	*1*
d7-N-MeFOSE-M	*40.1*		*20 - 130*	*10/09/25 14:16*	*10/10/25 19:59*	*1*
d9-N-EtFOSE-M	*37.2*		*15 - 130*	*10/09/25 14:16*	*10/10/25 19:59*	*1*

Client Sample ID: 45A_6-12
Date Collected: 10/07/25 09:05
Date Received: 10/07/25 17:15

Lab Sample ID: 460-336648-14
Matrix: Solid
Percent Solids: 95.8

Method: EPA 1633A - Per- and Polyfluoroalkyl Substances by LC/MS/MS, 1633A (Continued)

Isotope Dilution	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
d5-NEtPFOSA	55.7		10 - 130	10/09/25 14:16	10/10/25 19:59	1
d3-NMePFOSA	60.2		10 - 130	10/09/25 14:16	10/10/25 19:59	1
13C2 PFDoA	67.2		40 - 130	10/09/25 14:16	10/10/25 19:59	1

Method: EPA 1633A - Per- and Polyfluoroalkyl Substances by LC/MS/MS, 1633A - DL

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Perfluoroundecanoic acid (PFUnA)	38.1		1.91	0.96	ug/Kg	☼	10/09/25 14:16	10/11/25 13:10	10

Isotope Dilution	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
13C7 PFUnA	76.6		40 - 130	10/09/25 14:16	10/11/25 13:10	10

Method: SW846 6020B - Metals (ICP/MS)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Aluminum	4850		16.6	4.5	mg/Kg	☼	10/11/25 20:55	10/12/25 13:25	1
Antimony	6.2		0.83	0.12	mg/Kg	☼	10/11/25 20:55	10/12/25 13:25	1
Arsenic	13.8		0.83	0.085	mg/Kg	☼	10/11/25 20:55	10/12/25 13:25	1
Barium	29.2		1.7	0.12	mg/Kg	☼	10/11/25 20:55	10/12/25 13:25	1
Beryllium	0.47		0.33	0.018	mg/Kg	☼	10/11/25 20:55	10/12/25 13:25	1
Cadmium	0.20	J	0.83	0.094	mg/Kg	☼	10/11/25 20:55	10/12/25 13:25	1
Calcium	819		82.8	8.1	mg/Kg	☼	10/11/25 20:55	10/12/25 13:25	1
Chromium	21.7		1.7	0.25	mg/Kg	☼	10/11/25 20:55	10/12/25 13:25	1
Cobalt	4.3		0.83	0.12	mg/Kg	☼	10/11/25 20:55	10/12/25 13:25	1
Copper	81.8		1.7	0.30	mg/Kg	☼	10/11/25 20:55	10/12/25 13:25	1
Iron	17400		49.7	6.3	mg/Kg	☼	10/11/25 20:55	10/12/25 13:25	1
Lead	174		0.50	0.17	mg/Kg	☼	10/11/25 20:55	10/12/25 13:25	1
Magnesium	1150		82.8	8.4	mg/Kg	☼	10/11/25 20:55	10/12/25 13:25	1
Manganese	130		3.3	0.33	mg/Kg	☼	10/11/25 20:55	10/12/25 13:25	1
Nickel	25.5		1.7	0.15	mg/Kg	☼	10/11/25 20:55	10/12/25 13:25	1
Potassium	1040		82.8	13.4	mg/Kg	☼	10/11/25 20:55	10/12/25 13:25	1
Selenium	0.66	J	1.0	0.11	mg/Kg	☼	10/11/25 20:55	10/12/25 13:25	1
Silver	0.74		0.33	0.074	mg/Kg	☼	10/11/25 20:55	10/12/25 13:25	1
Sodium	47.2	J	82.8	37.8	mg/Kg	☼	10/11/25 20:55	10/12/25 13:25	1
Thallium	0.056	J	0.33	0.034	mg/Kg	☼	10/11/25 20:55	10/12/25 13:25	1
Vanadium	33.7		1.7	0.17	mg/Kg	☼	10/11/25 20:55	10/12/25 13:25	1
Zinc	104		6.6	0.90	mg/Kg	☼	10/11/25 20:55	10/12/25 13:25	1

Method: SW846 7471B - Mercury (CVAA)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	0.049		0.017	0.0078	mg/Kg	☼	10/16/25 01:43	10/16/25 08:29	1

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Percent Moisture (EPA Moisture)	4.2		1.0	1.0	%			10/08/25 18:34	1
Percent Solids (EPA Moisture)	95.8		1.0	1.0	%			10/08/25 18:34	1

Client: Haley & Aldrich, Inc.
Project/Site: Former Port Mobil

Job ID: 460-336648-1

Client Sample ID: 45B_0-6
Date Collected: 10/07/25 15:55
Date Received: 10/07/25 17:15

Lab Sample ID: 460-336648-15
Matrix: Solid
Percent Solids: 95.3

Method: SW846 8270E - Semivolatile Organic Compounds (GC/MS)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1'-Biphenyl	0.34	U	0.34	0.012	mg/Kg	☼	10/08/25 20:51	10/09/25 13:36	1
1,2,4,5-Tetrachlorobenzene	0.34	U	0.34	0.011	mg/Kg	☼	10/08/25 20:51	10/09/25 13:36	1
1,4-Dioxane	0.034	U	0.034	0.030	mg/Kg	☼	10/08/25 20:51	10/09/25 13:36	1
2,2'-oxybis[1-chloropropane]	0.34	U	0.34	0.021	mg/Kg	☼	10/08/25 20:51	10/09/25 13:36	1
2,3,4,6-Tetrachlorophenol	0.34	U	0.34	0.023	mg/Kg	☼	10/08/25 20:51	10/09/25 13:36	1
2,4,5-Trichlorophenol	0.34	U	0.34	0.035	mg/Kg	☼	10/08/25 20:51	10/09/25 13:36	1
2,4,6-Trichlorophenol	0.14	U	0.14	0.044	mg/Kg	☼	10/08/25 20:51	10/09/25 13:36	1
2,4-Dichlorophenol	0.14	U	0.14	0.022	mg/Kg	☼	10/08/25 20:51	10/09/25 13:36	1
2,4-Dimethylphenol	0.34	U	0.34	0.041	mg/Kg	☼	10/08/25 20:51	10/09/25 13:36	1
2,4-Dinitrophenol	0.28	U	0.28	0.17	mg/Kg	☼	10/08/25 20:51	10/09/25 13:36	1
2,4-Dinitrotoluene	0.070	U	0.070	0.037	mg/Kg	☼	10/08/25 20:51	10/09/25 13:36	1
2,6-Dinitrotoluene	0.070	U	0.070	0.025	mg/Kg	☼	10/08/25 20:51	10/09/25 13:36	1
2-Chloronaphthalene	0.34	U	0.34	0.044	mg/Kg	☼	10/08/25 20:51	10/09/25 13:36	1
2-Chlorophenol	0.34	U	0.34	0.012	mg/Kg	☼	10/08/25 20:51	10/09/25 13:36	1
2-Methylnaphthalene	0.34	U	0.34	0.0097	mg/Kg	☼	10/08/25 20:51	10/09/25 13:36	1
2-Methylphenol	0.34	U	0.34	0.013	mg/Kg	☼	10/08/25 20:51	10/09/25 13:36	1
2-Nitroaniline	0.34	U	0.34	0.026	mg/Kg	☼	10/08/25 20:51	10/09/25 13:36	1
2-Nitrophenol	0.34	U	0.34	0.035	mg/Kg	☼	10/08/25 20:51	10/09/25 13:36	1
3 & 4 Methylphenol	0.34	U	0.34	0.022	mg/Kg	☼	10/08/25 20:51	10/09/25 13:36	1
3,3'-Dichlorobenzidine	0.14	U	0.14	0.052	mg/Kg	☼	10/08/25 20:51	10/09/25 13:36	1
3-Nitroaniline	0.34	U	0.34	0.082	mg/Kg	☼	10/08/25 20:51	10/09/25 13:36	1
4,6-Dinitro-2-methylphenol	0.28	U	0.28	0.14	mg/Kg	☼	10/08/25 20:51	10/09/25 13:36	1
4-Bromophenyl phenyl ether	0.34	U	0.34	0.014	mg/Kg	☼	10/08/25 20:51	10/09/25 13:36	1
4-Chloro-3-methylphenol	0.34	U	0.34	0.019	mg/Kg	☼	10/08/25 20:51	10/09/25 13:36	1
4-Chloroaniline	0.34	U	0.34	0.061	mg/Kg	☼	10/08/25 20:51	10/09/25 13:36	1
4-Chlorophenyl phenyl ether	0.34	U	0.34	0.012	mg/Kg	☼	10/08/25 20:51	10/09/25 13:36	1
4-Methylphenol	0.34	U	0.34	0.022	mg/Kg	☼	10/08/25 20:51	10/09/25 13:36	1
4-Nitroaniline	0.34	U	0.34	0.088	mg/Kg	☼	10/08/25 20:51	10/09/25 13:36	1
4-Nitrophenol	0.70	U	0.70	0.056	mg/Kg	☼	10/08/25 20:51	10/09/25 13:36	1
Acenaphthene	0.34	U	0.34	0.0098	mg/Kg	☼	10/08/25 20:51	10/09/25 13:36	1
Acenaphthylene	0.34	U	0.34	0.0099	mg/Kg	☼	10/08/25 20:51	10/09/25 13:36	1
Acetophenone	0.34	U	0.34	0.017	mg/Kg	☼	10/08/25 20:51	10/09/25 13:36	1
Anthracene	0.34	U	0.34	0.011	mg/Kg	☼	10/08/25 20:51	10/09/25 13:36	1
Atrazine	0.14	U	0.14	0.020	mg/Kg	☼	10/08/25 20:51	10/09/25 13:36	1
Benzaldehyde	0.34	U	0.34	0.057	mg/Kg	☼	10/08/25 20:51	10/09/25 13:36	1
Benzo[a]anthracene	0.034	U	0.034	0.026	mg/Kg	☼	10/08/25 20:51	10/09/25 13:36	1
Benzo[a]pyrene	0.034	U	0.034	0.0092	mg/Kg	☼	10/08/25 20:51	10/09/25 13:36	1
Benzo[b]fluoranthene	0.034	U	0.034	0.0089	mg/Kg	☼	10/08/25 20:51	10/09/25 13:36	1
Benzo[g,h,i]perylene	0.34	U	0.34	0.010	mg/Kg	☼	10/08/25 20:51	10/09/25 13:36	1
Benzo[k]fluoranthene	0.034	U	0.034	0.0068	mg/Kg	☼	10/08/25 20:51	10/09/25 13:36	1
Bis(2-chloroethoxy)methane	0.34	U	0.34	0.064	mg/Kg	☼	10/08/25 20:51	10/09/25 13:36	1
Bis(2-chloroethyl)ether	0.034	U	0.034	0.012	mg/Kg	☼	10/08/25 20:51	10/09/25 13:36	1
Bis(2-ethylhexyl) phthalate	0.34	U	0.34	0.018	mg/Kg	☼	10/08/25 20:51	10/09/25 13:36	1
Butyl benzyl phthalate	0.34	U	0.34	0.016	mg/Kg	☼	10/08/25 20:51	10/09/25 13:36	1
Caprolactam	0.34	U	0.34	0.054	mg/Kg	☼	10/08/25 20:51	10/09/25 13:36	1
Carbazole	0.34	U	0.34	0.013	mg/Kg	☼	10/08/25 20:51	10/09/25 13:36	1
Chrysene	0.34	U	0.34	0.015	mg/Kg	☼	10/08/25 20:51	10/09/25 13:36	1
Dibenz(a,h)anthracene	0.034	U	0.034	0.015	mg/Kg	☼	10/08/25 20:51	10/09/25 13:36	1
Dibenzofuran	0.34	U	0.34	0.012	mg/Kg	☼	10/08/25 20:51	10/09/25 13:36	1

Client Sample ID: 45B_0-6
Date Collected: 10/07/25 15:55
Date Received: 10/07/25 17:15

Lab Sample ID: 460-336648-15
Matrix: Solid
Percent Solids: 95.3

Method: SW846 8270E - Semivolatile Organic Compounds (GC/MS) (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Diethyl phthalate	0.34	U	0.34	0.011	mg/Kg	☼	10/08/25 20:51	10/09/25 13:36	1
Dimethyl phthalate	0.34	U	0.34	0.079	mg/Kg	☼	10/08/25 20:51	10/09/25 13:36	1
Di-n-butyl phthalate	0.34	U	0.34	0.013	mg/Kg	☼	10/08/25 20:51	10/09/25 13:36	1
Di-n-octyl phthalate	0.34	U	0.34	0.018	mg/Kg	☼	10/08/25 20:51	10/09/25 13:36	1
Fluoranthene	0.34	U	0.34	0.012	mg/Kg	☼	10/08/25 20:51	10/09/25 13:36	1
Fluorene	0.34	U	0.34	0.010	mg/Kg	☼	10/08/25 20:51	10/09/25 13:36	1
Hexachlorobenzene	0.034	U	0.034	0.016	mg/Kg	☼	10/08/25 20:51	10/09/25 13:36	1
Hexachlorobutadiene	0.070	U	0.070	0.0074	mg/Kg	☼	10/08/25 20:51	10/09/25 13:36	1
Hexachlorocyclopentadiene	0.34	U	0.34	0.030	mg/Kg	☼	10/08/25 20:51	10/09/25 13:36	1
Hexachloroethane	0.034	U	0.034	0.012	mg/Kg	☼	10/08/25 20:51	10/09/25 13:36	1
Indeno[1,2,3-cd]pyrene	0.034	U	0.034	0.014	mg/Kg	☼	10/08/25 20:51	10/09/25 13:36	1
Isophorone	0.14	U	0.14	0.10	mg/Kg	☼	10/08/25 20:51	10/09/25 13:36	1
Naphthalene	0.34	U	0.34	0.0060	mg/Kg	☼	10/08/25 20:51	10/09/25 13:36	1
Nitrobenzene	0.034	U	0.034	0.019	mg/Kg	☼	10/08/25 20:51	10/09/25 13:36	1
N-Nitrosodi-n-propylamine	0.034	U	0.034	0.025	mg/Kg	☼	10/08/25 20:51	10/09/25 13:36	1
N-Nitrosodiphenylamine	0.34	U	0.34	0.028	mg/Kg	☼	10/08/25 20:51	10/09/25 13:36	1
Pentachlorophenol	0.28	U	0.28	0.071	mg/Kg	☼	10/08/25 20:51	10/09/25 13:36	1
Phenanthrene	0.34	U	0.34	0.014	mg/Kg	☼	10/08/25 20:51	10/09/25 13:36	1
Phenol	0.34	U	0.34	0.013	mg/Kg	☼	10/08/25 20:51	10/09/25 13:36	1
Pyrene	0.34	U	0.34	0.0086	mg/Kg	☼	10/08/25 20:51	10/09/25 13:36	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
2,4,6-Tribromophenol (Surr)	*44*		*18 - 137*	*10/08/25 20:51*	*10/09/25 13:36*	*1*
2-Fluorobiphenyl	*49*		*33 - 117*	*10/08/25 20:51*	*10/09/25 13:36*	*1*
2-Fluorophenol (Surr)	*53*		*24 - 120*	*10/08/25 20:51*	*10/09/25 13:36*	*1*
Nitrobenzene-d5 (Surr)	*49*		*27 - 120*	*10/08/25 20:51*	*10/09/25 13:36*	*1*
Phenol-d5 (Surr)	*49*		*28 - 118*	*10/08/25 20:51*	*10/09/25 13:36*	*1*
Terphenyl-d14 (Surr)	*48*		*33 - 124*	*10/08/25 20:51*	*10/09/25 13:36*	*1*

Method: SW846 8081B - Organochlorine Pesticides (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
4,4'-DDD	0.0070	U	0.0070	0.0012	mg/Kg	☼	10/08/25 16:51	10/09/25 18:32	1
4,4'-DDE	0.0070	U	0.0070	0.00083	mg/Kg	☼	10/08/25 16:51	10/09/25 18:32	1
4,4'-DDT	0.0070	U	0.0070	0.0013	mg/Kg	☼	10/08/25 16:51	10/09/25 18:32	1
Aldrin	0.0070	U	0.0070	0.0011	mg/Kg	☼	10/08/25 16:51	10/09/25 18:32	1
alpha-BHC	0.0021	U	0.0021	0.00071	mg/Kg	☼	10/08/25 16:51	10/09/25 18:32	1
beta-BHC	0.0021	U	0.0021	0.00079	mg/Kg	☼	10/08/25 16:51	10/09/25 18:32	1
Chlordane (technical)	0.070	U	0.070	0.017	mg/Kg	☼	10/08/25 16:51	10/09/25 18:32	1
cis-Chlordane	0.0070	U	0.0070	0.0011	mg/Kg	☼	10/08/25 16:51	10/09/25 18:32	1
delta-BHC	0.0021	U	0.0021	0.00043	mg/Kg	☼	10/08/25 16:51	10/09/25 18:32	1
Dieldrin	0.0021	U	0.0021	0.00091	mg/Kg	☼	10/08/25 16:51	10/09/25 18:32	1
Endosulfan I	0.0070	U	0.0070	0.0011	mg/Kg	☼	10/08/25 16:51	10/09/25 18:32	1
Endosulfan II	0.0070	U	0.0070	0.0018	mg/Kg	☼	10/08/25 16:51	10/09/25 18:32	1
Endosulfan sulfate	0.0070	U	0.0070	0.00088	mg/Kg	☼	10/08/25 16:51	10/09/25 18:32	1
Endrin	0.0070	U	0.0070	0.0010	mg/Kg	☼	10/08/25 16:51	10/09/25 18:32	1
Endrin aldehyde	0.0070	U	0.0070	0.0017	mg/Kg	☼	10/08/25 16:51	10/09/25 18:32	1
Endrin ketone	0.0070	U	0.0070	0.0014	mg/Kg	☼	10/08/25 16:51	10/09/25 18:32	1
gamma-BHC (Lindane)	0.0021	U	0.0021	0.00065	mg/Kg	☼	10/08/25 16:51	10/09/25 18:32	1
Heptachlor	0.0070	U	0.0070	0.00083	mg/Kg	☼	10/08/25 16:51	10/09/25 18:32	1
Heptachlor epoxide	0.0070	U	0.0070	0.0010	mg/Kg	☼	10/08/25 16:51	10/09/25 18:32	1

Client Sample ID: 45B_0-6
Date Collected: 10/07/25 15:55
Date Received: 10/07/25 17:15

Lab Sample ID: 460-336648-15
Matrix: Solid
Percent Solids: 95.3

Method: SW846 8081B - Organochlorine Pesticides (GC) (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Methoxychlor	0.0070	U	0.0070	0.0016	mg/Kg	☼	10/08/25 16:51	10/09/25 18:32	1
Toxaphene	0.070	U	0.070	0.025	mg/Kg	☼	10/08/25 16:51	10/09/25 18:32	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
DCB Decachlorobiphenyl	*95*		*10 - 150*	*10/08/25 16:51*	*10/09/25 18:32*	*1*
DCB Decachlorobiphenyl	*124*		*10 - 150*	*10/08/25 16:51*	*10/09/25 18:32*	*1*
Tetrachloro-m-xylene	*98*		*14 - 150*	*10/08/25 16:51*	*10/09/25 18:32*	*1*
Tetrachloro-m-xylene	*102*		*14 - 150*	*10/08/25 16:51*	*10/09/25 18:32*	*1*

Method: SW846 8082A - Polychlorinated Biphenyls (PCBs) by Gas Chromatography

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Aroclor 1016	0.070	U	0.070	0.019	mg/Kg	☼	10/08/25 16:43	10/09/25 19:54	1
Aroclor 1221	0.070	U	0.070	0.019	mg/Kg	☼	10/08/25 16:43	10/09/25 19:54	1
Aroclor 1232	0.070	U	0.070	0.019	mg/Kg	☼	10/08/25 16:43	10/09/25 19:54	1
Aroclor 1242	0.070	U	0.070	0.019	mg/Kg	☼	10/08/25 16:43	10/09/25 19:54	1
Aroclor 1248	0.070	U	0.070	0.019	mg/Kg	☼	10/08/25 16:43	10/09/25 19:54	1
Aroclor 1254	0.070	U	0.070	0.019	mg/Kg	☼	10/08/25 16:43	10/09/25 19:54	1
Aroclor 1260	0.070	U	0.070	0.019	mg/Kg	☼	10/08/25 16:43	10/09/25 19:54	1
Aroclor-1262	0.070	U	0.070	0.019	mg/Kg	☼	10/08/25 16:43	10/09/25 19:54	1
Aroclor 1268	0.070	U	0.070	0.019	mg/Kg	☼	10/08/25 16:43	10/09/25 19:54	1
Polychlorinated biphenyls, Total	0.070	U	0.070	0.019	mg/Kg	☼	10/08/25 16:43	10/09/25 19:54	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
DCB Decachlorobiphenyl	*119*		*10 - 150*	*10/08/25 16:43*	*10/09/25 19:54*	*1*
DCB Decachlorobiphenyl	*143*		*10 - 150*	*10/08/25 16:43*	*10/09/25 19:54*	*1*
Tetrachloro-m-xylene	*122*		*10 - 150*	*10/08/25 16:43*	*10/09/25 19:54*	*1*
Tetrachloro-m-xylene	*120*		*10 - 150*	*10/08/25 16:43*	*10/09/25 19:54*	*1*

Method: EPA 1633A - Per- and Polyfluoroalkyl Substances by LC/MS/MS, 1633A

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Perfluorobutanoic acid (PFBA)	0.39	U	0.39	0.096	ug/Kg	☼	10/09/25 14:16	10/10/25 20:13	1
Perfluoropentanoic acid (PFPeA)	0.19	U	0.19	0.096	ug/Kg	☼	10/09/25 14:16	10/10/25 20:13	1
Perfluorohexanoic acid (PFHxA)	0.19	U	0.19	0.096	ug/Kg	☼	10/09/25 14:16	10/10/25 20:13	1
Perfluoroheptanoic acid (PFHpA)	**0.17**	**J**	0.19	0.096	ug/Kg	☼	10/09/25 14:16	10/10/25 20:13	1
Perfluorooctanoic acid (PFOA)	**0.25**		0.19	0.058	ug/Kg	☼	10/09/25 14:16	10/10/25 20:13	1
Perfluorononanoic acid (PFNA)	**0.70**		0.19	0.096	ug/Kg	☼	10/09/25 14:16	10/10/25 20:13	1
Perfluorodecanoic acid (PFDA)	**1.95**		0.19	0.058	ug/Kg	☼	10/09/25 14:16	10/10/25 20:13	1
Perfluoroundecanoic acid (PFUnA)	**18.7**		0.19	0.096	ug/Kg	☼	10/09/25 14:16	10/10/25 20:13	1
Perfluorododecanoic acid (PFDoA)	**2.50**		0.19	0.096	ug/Kg	☼	10/09/25 14:16	10/10/25 20:13	1
Perfluorotridecanoic acid (PFTrDA)	**6.69**		0.19	0.096	ug/Kg	☼	10/09/25 14:16	10/10/25 20:13	1
Perfluorotetradecanoic acid (PFTeDA)	**0.98**		0.19	0.096	ug/Kg	☼	10/09/25 14:16	10/10/25 20:13	1
Perfluorobutanesulfonic acid (PFBS)	0.19	U	0.19	0.096	ug/Kg	☼	10/09/25 14:16	10/10/25 20:13	1
Perfluoropentanesulfonic acid (PFPeS)	0.19	U	0.19	0.096	ug/Kg	☼	10/09/25 14:16	10/10/25 20:13	1
Perfluorohexanesulfonic acid (PFHxS)	0.19	U	0.19	0.096	ug/Kg	☼	10/09/25 14:16	10/10/25 20:13	1
Perfluoroheptanesulfonic acid (PFHpS)	0.19	U	0.19	0.096	ug/Kg	☼	10/09/25 14:16	10/10/25 20:13	1
Perfluorooctanesulfonic acid (PFOS)	0.19	U	0.19	0.096	ug/Kg	☼	10/09/25 14:16	10/10/25 20:13	1

Client Sample ID: 45B_0-6
Date Collected: 10/07/25 15:55
Date Received: 10/07/25 17:15

Lab Sample ID: 460-336648-15
Matrix: Solid
Percent Solids: 95.3

Method: EPA 1633A - Per- and Polyfluoroalkyl Substances by LC/MS/MS, 1633A (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Perfluorononanesulfonic acid (PFNS)	0.19	U	0.19	0.096	ug/Kg	☼	10/09/25 14:16	10/10/25 20:13	1
Perfluorodecanesulfonic acid (PFDS)	0.19	U	0.19	0.096	ug/Kg	☼	10/09/25 14:16	10/10/25 20:13	1
Perfluorododecanesulfonic acid (PFDoS)	0.19	U	0.19	0.096	ug/Kg	☼	10/09/25 14:16	10/10/25 20:13	1
1H,1H,2H,2H-Perfluorohexane sulfonic acid (4:2 FTS)	0.39	U	0.39	0.19	ug/Kg	☼	10/09/25 14:16	10/10/25 20:13	1
1H,1H,2H,2H-Perfluorooctane sulfonic acid (6:2 FTS)	**0.44**		0.39	0.19	ug/Kg	☼	10/09/25 14:16	10/10/25 20:13	1
1H,1H,2H,2H-Perfluorodecane sulfonic acid (8:2 FTS)	**13.0**		0.39	0.19	ug/Kg	☼	10/09/25 14:16	10/10/25 20:13	1
Perfluorooctanesulfonamide (PFOSA)	0.19	U	0.19	0.096	ug/Kg	☼	10/09/25 14:16	10/10/25 20:13	1
N-methylperfluorooctane sulfonamide (NMeFOSA)	0.19	U	0.19	0.096	ug/Kg	☼	10/09/25 14:16	10/10/25 20:13	1
N-ethylperfluorooctane sulfonamide (NEtFOSA)	0.19	U	0.19	0.096	ug/Kg	☼	10/09/25 14:16	10/10/25 20:13	1
N-methylperfluorooctanesulfonamidoacetic acid (NMeFOSAA)	0.19	U	0.19	0.096	ug/Kg	☼	10/09/25 14:16	10/10/25 20:13	1
N-ethylperfluorooctanesulfonamidoacetic acid (NEtFOSAA)	0.19	U	0.19	0.096	ug/Kg	☼	10/09/25 14:16	10/10/25 20:13	1
N-methylperfluorooctane sulfonamidoethanol (NMeFOSE)	0.96	U	0.96	0.48	ug/Kg	☼	10/09/25 14:16	10/10/25 20:13	1
N-ethylperfluorooctane sulfonamidoethanol (NEtFOSE)	0.96	U	0.96	0.48	ug/Kg	☼	10/09/25 14:16	10/10/25 20:13	1
Hexafluoropropylene Oxide Dimer Acid (HFPO-DA)	0.19	U	0.19	0.096	ug/Kg	☼	10/09/25 14:16	10/10/25 20:13	1
4,8-Dioxa-3H-perfluorononanoic acid (ADONA)	0.19	U	0.19	0.096	ug/Kg	☼	10/09/25 14:16	10/10/25 20:13	1
Perfluoro-3-methoxypropanoic acid (PFMPA)	0.19	U	0.19	0.096	ug/Kg	☼	10/09/25 14:16	10/10/25 20:13	1
Perfluoro-4-methoxybutanoic acid (PFMBA)	0.19	U	0.19	0.096	ug/Kg	☼	10/09/25 14:16	10/10/25 20:13	1
Nonafluoro-3,6-dioxaheptanoic acid (NFDHA)	0.19	U	0.19	0.096	ug/Kg	☼	10/09/25 14:16	10/10/25 20:13	1
9-Chlorohexadecafluoro-3-oxanonane-1-sulfonic acid (9Cl-PF3ONS)	0.19	U	0.19	0.096	ug/Kg	☼	10/09/25 14:16	10/10/25 20:13	1
11-Chloroeicosafluoro-3-oxaundecane-1-sulfonic acid (11Cl-PF3OUdS)	0.19	U	0.19	0.096	ug/Kg	☼	10/09/25 14:16	10/10/25 20:13	1
Perfluoro (2-ethoxyethane) sulfonic acid (PFEESA)	0.19	U	0.19	0.096	ug/Kg	☼	10/09/25 14:16	10/10/25 20:13	1
3-Perfluoropropylpropanoic acid (3:3 FTCA)	0.39	U	0.39	0.19	ug/Kg	☼	10/09/25 14:16	10/10/25 20:13	1
3-Perfluoropentylpropanoic acid (5:3 FTCA)	0.96	U	0.96	0.48	ug/Kg	☼	10/09/25 14:16	10/10/25 20:13	1
3-Perfluoroheptylpropanoic acid (7:3 FTCA)	**0.89**	**J**	0.96	0.48	ug/Kg	☼	10/09/25 14:16	10/10/25 20:13	1

Isotope Dilution	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
13C4 PFBA	*87.8*		*8 - 130*	*10/09/25 14:16*	*10/10/25 20:13*	*1*
13C5 PFPeA	*92.0*		*35 - 130*	*10/09/25 14:16*	*10/10/25 20:13*	*1*
13C5 PFHxA	*88.2*		*40 - 130*	*10/09/25 14:16*	*10/10/25 20:13*	*1*
13C4 PFHpA	*97.9*		*40 - 130*	*10/09/25 14:16*	*10/10/25 20:13*	*1*
13C8 PFOA	*91.0*		*40 - 130*	*10/09/25 14:16*	*10/10/25 20:13*	*1*
13C9 PFNA	*87.1*		*40 - 130*	*10/09/25 14:16*	*10/10/25 20:13*	*1*
13C6 PFDA	*87.4*		*40 - 130*	*10/09/25 14:16*	*10/10/25 20:13*	*1*
13C7 PFUnA	*77.4*		*40 - 130*	*10/09/25 14:16*	*10/10/25 20:13*	*1*

Client Sample ID: 45B_0-6
Date Collected: 10/07/25 15:55
Date Received: 10/07/25 17:15

Lab Sample ID: 460-336648-15
Matrix: Solid
Percent Solids: 95.3

Method: EPA 1633A - Per- and Polyfluoroalkyl Substances by LC/MS/MS, 1633A (Continued)

Isotope Dilution	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
13C2 PFTeDA	53.3		20 - 130	10/09/25 14:16	10/10/25 20:13	1
13C3 PFBS	82.9		40 - 135	10/09/25 14:16	10/10/25 20:13	1
13C3 PFHxS	83.9		40 - 130	10/09/25 14:16	10/10/25 20:13	1
13C8 PFOS	84.3		40 - 130	10/09/25 14:16	10/10/25 20:13	1
13C8 FOSA	79.7		40 - 130	10/09/25 14:16	10/10/25 20:13	1
d3-NMeFOSAA	69.2		40 - 135	10/09/25 14:16	10/10/25 20:13	1
d5-NEtFOSAA	75.3		40 - 150	10/09/25 14:16	10/10/25 20:13	1
13C2 4:2 FTS	124		40 - 165	10/09/25 14:16	10/10/25 20:13	1
13C2 6:2 FTS	107		40 - 215	10/09/25 14:16	10/10/25 20:13	1
13C2 8:2 FTS	84.3		40 - 275	10/09/25 14:16	10/10/25 20:13	1
13C3 HFPO-DA	99.9		40 - 130	10/09/25 14:16	10/10/25 20:13	1
d7-N-MeFOSE-M	41.8		20 - 130	10/09/25 14:16	10/10/25 20:13	1
d9-N-EtFOSE-M	35.9		15 - 130	10/09/25 14:16	10/10/25 20:13	1
d5-NEtPFOSA	54.4		10 - 130	10/09/25 14:16	10/10/25 20:13	1
d3-NMePFOSA	63.5		10 - 130	10/09/25 14:16	10/10/25 20:13	1
13C2 PFDoA	74.2		40 - 130	10/09/25 14:16	10/10/25 20:13	1

Method: SW846 6020B - Metals (ICP/MS)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Aluminum	5170		16.8	4.6	mg/Kg	☼	10/11/25 20:55	10/12/25 13:27	1
Antimony	5.5		0.84	0.12	mg/Kg	☼	10/11/25 20:55	10/12/25 13:27	1
Arsenic	11.6		0.84	0.086	mg/Kg	☼	10/11/25 20:55	10/12/25 13:27	1
Barium	48.3		1.7	0.12	mg/Kg	☼	10/11/25 20:55	10/12/25 13:27	1
Beryllium	0.96		0.34	0.018	mg/Kg	☼	10/11/25 20:55	10/12/25 13:27	1
Cadmium	0.62	J	0.84	0.095	mg/Kg	☼	10/11/25 20:55	10/12/25 13:27	1
Calcium	24500		83.9	8.2	mg/Kg	☼	10/11/25 20:55	10/12/25 13:27	1
Chromium	41.6		1.7	0.25	mg/Kg	☼	10/11/25 20:55	10/12/25 13:27	1
Cobalt	9.7		0.84	0.12	mg/Kg	☼	10/11/25 20:55	10/12/25 13:27	1
Copper	224		1.7	0.31	mg/Kg	☼	10/11/25 20:55	10/12/25 13:27	1
Iron	20300		50.4	6.4	mg/Kg	☼	10/11/25 20:55	10/12/25 13:27	1
Lead	432		0.50	0.17	mg/Kg	☼	10/11/25 20:55	10/12/25 13:27	1
Magnesium	14800		83.9	8.6	mg/Kg	☼	10/11/25 20:55	10/12/25 13:27	1
Manganese	182		3.4	0.34	mg/Kg	☼	10/11/25 20:55	10/12/25 13:27	1
Nickel	107		1.7	0.15	mg/Kg	☼	10/11/25 20:55	10/12/25 13:27	1
Potassium	1030		83.9	13.6	mg/Kg	☼	10/11/25 20:55	10/12/25 13:27	1
Selenium	0.59	J	1.0	0.11	mg/Kg	☼	10/11/25 20:55	10/12/25 13:27	1
Silver	0.63		0.34	0.075	mg/Kg	☼	10/11/25 20:55	10/12/25 13:27	1
Sodium	112		83.9	38.4	mg/Kg	☼	10/11/25 20:55	10/12/25 13:27	1
Thallium	0.051	J	0.34	0.034	mg/Kg	☼	10/11/25 20:55	10/12/25 13:27	1
Vanadium	27.6		1.7	0.17	mg/Kg	☼	10/11/25 20:55	10/12/25 13:27	1
Zinc	428		6.7	0.91	mg/Kg	☼	10/11/25 20:55	10/12/25 13:27	1

Method: SW846 7471B - Mercury (CVAA)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	0.069		0.017	0.0081	mg/Kg	☼	10/16/25 01:43	10/16/25 08:32	1

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Percent Moisture (EPA Moisture)	4.7		1.0	1.0	%			10/08/25 18:34	1
Percent Solids (EPA Moisture)	95.3		1.0	1.0	%			10/08/25 18:34	1

Client: Haley & Aldrich, Inc.
Project/Site: Former Port Mobil

Job ID: 460-336648-1

Client Sample ID: 45B_6-12
Date Collected: 10/07/25 16:00
Date Received: 10/07/25 17:15

Lab Sample ID: 460-336648-16
Matrix: Solid
Percent Solids: 95.3

Method: SW846 8270E - Semivolatile Organic Compounds (GC/MS)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1'-Biphenyl	0.35	U	0.35	0.012	mg/Kg	☼	10/08/25 20:51	10/09/25 13:54	1
1,2,4,5-Tetrachlorobenzene	0.35	U	0.35	0.011	mg/Kg	☼	10/08/25 20:51	10/09/25 13:54	1
1,4-Dioxane	0.035	U	0.035	0.030	mg/Kg	☼	10/08/25 20:51	10/09/25 13:54	1
2,2'-oxybis[1-chloropropane]	0.35	U	0.35	0.021	mg/Kg	☼	10/08/25 20:51	10/09/25 13:54	1
2,3,4,6-Tetrachlorophenol	0.35	U	0.35	0.023	mg/Kg	☼	10/08/25 20:51	10/09/25 13:54	1
2,4,5-Trichlorophenol	0.35	U	0.35	0.035	mg/Kg	☼	10/08/25 20:51	10/09/25 13:54	1
2,4,6-Trichlorophenol	0.14	U	0.14	0.045	mg/Kg	☼	10/08/25 20:51	10/09/25 13:54	1
2,4-Dichlorophenol	0.14	U	0.14	0.022	mg/Kg	☼	10/08/25 20:51	10/09/25 13:54	1
2,4-Dimethylphenol	0.35	U	0.35	0.041	mg/Kg	☼	10/08/25 20:51	10/09/25 13:54	1
2,4-Dinitrophenol	0.28	U	0.28	0.17	mg/Kg	☼	10/08/25 20:51	10/09/25 13:54	1
2,4-Dinitrotoluene	0.070	U	0.070	0.037	mg/Kg	☼	10/08/25 20:51	10/09/25 13:54	1
2,6-Dinitrotoluene	0.070	U	0.070	0.025	mg/Kg	☼	10/08/25 20:51	10/09/25 13:54	1
2-Chloronaphthalene	0.35	U	0.35	0.045	mg/Kg	☼	10/08/25 20:51	10/09/25 13:54	1
2-Chlorophenol	0.35	U	0.35	0.012	mg/Kg	☼	10/08/25 20:51	10/09/25 13:54	1
2-Methylnaphthalene	0.35	U	0.35	0.0097	mg/Kg	☼	10/08/25 20:51	10/09/25 13:54	1
2-Methylphenol	0.35	U	0.35	0.013	mg/Kg	☼	10/08/25 20:51	10/09/25 13:54	1
2-Nitroaniline	0.35	U	0.35	0.026	mg/Kg	☼	10/08/25 20:51	10/09/25 13:54	1
2-Nitrophenol	0.35	U	0.35	0.035	mg/Kg	☼	10/08/25 20:51	10/09/25 13:54	1
3 & 4 Methylphenol	0.35	U	0.35	0.022	mg/Kg	☼	10/08/25 20:51	10/09/25 13:54	1
3,3'-Dichlorobenzidine	0.14	U	0.14	0.052	mg/Kg	☼	10/08/25 20:51	10/09/25 13:54	1
3-Nitroaniline	0.35	U	0.35	0.082	mg/Kg	☼	10/08/25 20:51	10/09/25 13:54	1
4,6-Dinitro-2-methylphenol	0.28	U	0.28	0.14	mg/Kg	☼	10/08/25 20:51	10/09/25 13:54	1
4-Bromophenyl phenyl ether	0.35	U	0.35	0.014	mg/Kg	☼	10/08/25 20:51	10/09/25 13:54	1
4-Chloro-3-methylphenol	0.35	U	0.35	0.019	mg/Kg	☼	10/08/25 20:51	10/09/25 13:54	1
4-Chloroaniline	0.35	U	0.35	0.062	mg/Kg	☼	10/08/25 20:51	10/09/25 13:54	1
4-Chlorophenyl phenyl ether	0.35	U	0.35	0.012	mg/Kg	☼	10/08/25 20:51	10/09/25 13:54	1
4-Methylphenol	0.35	U	0.35	0.022	mg/Kg	☼	10/08/25 20:51	10/09/25 13:54	1
4-Nitroaniline	0.35	U	0.35	0.088	mg/Kg	☼	10/08/25 20:51	10/09/25 13:54	1
4-Nitrophenol	0.70	U	0.70	0.056	mg/Kg	☼	10/08/25 20:51	10/09/25 13:54	1
Acenaphthene	0.35	U	0.35	0.0099	mg/Kg	☼	10/08/25 20:51	10/09/25 13:54	1
Acenaphthylene	0.35	U	0.35	0.0099	mg/Kg	☼	10/08/25 20:51	10/09/25 13:54	1
Acetophenone	0.35	U	0.35	0.017	mg/Kg	☼	10/08/25 20:51	10/09/25 13:54	1
Anthracene	0.35	U	0.35	0.011	mg/Kg	☼	10/08/25 20:51	10/09/25 13:54	1
Atrazine	0.14	U	0.14	0.020	mg/Kg	☼	10/08/25 20:51	10/09/25 13:54	1
Benzaldehyde	0.35	U	0.35	0.057	mg/Kg	☼	10/08/25 20:51	10/09/25 13:54	1
Benzo[a]anthracene	0.035	U	0.035	0.026	mg/Kg	☼	10/08/25 20:51	10/09/25 13:54	1
Benzo[a]pyrene	0.035	U	0.035	0.0092	mg/Kg	☼	10/08/25 20:51	10/09/25 13:54	1
Benzo[b]fluoranthene	0.035	U	0.035	0.0090	mg/Kg	☼	10/08/25 20:51	10/09/25 13:54	1
Benzo[g,h,i]perylene	0.35	U	0.35	0.010	mg/Kg	☼	10/08/25 20:51	10/09/25 13:54	1
Benzo[k]fluoranthene	0.035	U	0.035	0.0068	mg/Kg	☼	10/08/25 20:51	10/09/25 13:54	1
Bis(2-chloroethoxy)methane	0.35	U	0.35	0.064	mg/Kg	☼	10/08/25 20:51	10/09/25 13:54	1
Bis(2-chloroethyl)ether	0.035	U	0.035	0.012	mg/Kg	☼	10/08/25 20:51	10/09/25 13:54	1
Bis(2-ethylhexyl) phthalate	0.35	U	0.35	0.018	mg/Kg	☼	10/08/25 20:51	10/09/25 13:54	1
Butyl benzyl phthalate	0.35	U	0.35	0.016	mg/Kg	☼	10/08/25 20:51	10/09/25 13:54	1
Caprolactam	0.35	U	0.35	0.054	mg/Kg	☼	10/08/25 20:51	10/09/25 13:54	1
Carbazole	0.35	U	0.35	0.013	mg/Kg	☼	10/08/25 20:51	10/09/25 13:54	1
Chrysene	0.35	U	0.35	0.015	mg/Kg	☼	10/08/25 20:51	10/09/25 13:54	1
Dibenz(a,h)anthracene	0.035	U	0.035	0.015	mg/Kg	☼	10/08/25 20:51	10/09/25 13:54	1
Dibenzofuran	0.35	U	0.35	0.012	mg/Kg	☼	10/08/25 20:51	10/09/25 13:54	1

Client Sample ID: 45B_6-12
Date Collected: 10/07/25 16:00
Date Received: 10/07/25 17:15

Lab Sample ID: 460-336648-16
Matrix: Solid
Percent Solids: 95.3

Method: SW846 8270E - Semivolatile Organic Compounds (GC/MS) (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Diethyl phthalate	0.35	U	0.35	0.011	mg/Kg	☼	10/08/25 20:51	10/09/25 13:54	1
Dimethyl phthalate	0.35	U	0.35	0.079	mg/Kg	☼	10/08/25 20:51	10/09/25 13:54	1
Di-n-butyl phthalate	0.35	U	0.35	0.013	mg/Kg	☼	10/08/25 20:51	10/09/25 13:54	1
Di-n-octyl phthalate	0.35	U	0.35	0.018	mg/Kg	☼	10/08/25 20:51	10/09/25 13:54	1
Fluoranthene	0.35	U	0.35	0.012	mg/Kg	☼	10/08/25 20:51	10/09/25 13:54	1
Fluorene	0.35	U	0.35	0.010	mg/Kg	☼	10/08/25 20:51	10/09/25 13:54	1
Hexachlorobenzene	0.035	U	0.035	0.016	mg/Kg	☼	10/08/25 20:51	10/09/25 13:54	1
Hexachlorobutadiene	0.070	U	0.070	0.0074	mg/Kg	☼	10/08/25 20:51	10/09/25 13:54	1
Hexachlorocyclopentadiene	0.35	U	0.35	0.030	mg/Kg	☼	10/08/25 20:51	10/09/25 13:54	1
Hexachloroethane	0.035	U	0.035	0.012	mg/Kg	☼	10/08/25 20:51	10/09/25 13:54	1
Indeno[1,2,3-cd]pyrene	0.035	U	0.035	0.014	mg/Kg	☼	10/08/25 20:51	10/09/25 13:54	1
Isophorone	0.14	U	0.14	0.10	mg/Kg	☼	10/08/25 20:51	10/09/25 13:54	1
Naphthalene	0.35	U	0.35	0.0060	mg/Kg	☼	10/08/25 20:51	10/09/25 13:54	1
Nitrobenzene	0.035	U	0.035	0.019	mg/Kg	☼	10/08/25 20:51	10/09/25 13:54	1
N-Nitrosodi-n-propylamine	0.035	U	0.035	0.025	mg/Kg	☼	10/08/25 20:51	10/09/25 13:54	1
N-Nitrosodiphenylamine	0.35	U	0.35	0.029	mg/Kg	☼	10/08/25 20:51	10/09/25 13:54	1
Pentachlorophenol	0.28	U	0.28	0.071	mg/Kg	☼	10/08/25 20:51	10/09/25 13:54	1
Phenanthrene	0.35	U	0.35	0.014	mg/Kg	☼	10/08/25 20:51	10/09/25 13:54	1
Phenol	0.35	U	0.35	0.013	mg/Kg	☼	10/08/25 20:51	10/09/25 13:54	1
Pyrene	0.35	U	0.35	0.0086	mg/Kg	☼	10/08/25 20:51	10/09/25 13:54	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
2,4,6-Tribromophenol (Surr)	*53*		*18 - 137*	*10/08/25 20:51*	*10/09/25 13:54*	*1*
2-Fluorobiphenyl	*57*		*33 - 117*	*10/08/25 20:51*	*10/09/25 13:54*	*1*
2-Fluorophenol (Surr)	*60*		*24 - 120*	*10/08/25 20:51*	*10/09/25 13:54*	*1*
Nitrobenzene-d5 (Surr)	*56*		*27 - 120*	*10/08/25 20:51*	*10/09/25 13:54*	*1*
Phenol-d5 (Surr)	*56*		*28 - 118*	*10/08/25 20:51*	*10/09/25 13:54*	*1*
Terphenyl-d14 (Surr)	*57*		*33 - 124*	*10/08/25 20:51*	*10/09/25 13:54*	*1*

Method: SW846 8081B - Organochlorine Pesticides (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
4,4'-DDD	0.0070	U	0.0070	0.0012	mg/Kg	☼	10/08/25 16:51	10/09/25 18:44	1
4,4'-DDE	0.0070	U	0.0070	0.00083	mg/Kg	☼	10/08/25 16:51	10/09/25 18:44	1
4,4'-DDT	0.0070	U	0.0070	0.0013	mg/Kg	☼	10/08/25 16:51	10/09/25 18:44	1
Aldrin	0.0070	U	0.0070	0.0011	mg/Kg	☼	10/08/25 16:51	10/09/25 18:44	1
alpha-BHC	0.0021	U	0.0021	0.00071	mg/Kg	☼	10/08/25 16:51	10/09/25 18:44	1
beta-BHC	0.0021	U	0.0021	0.00079	mg/Kg	☼	10/08/25 16:51	10/09/25 18:44	1
Chlordane (technical)	0.070	U	0.070	0.017	mg/Kg	☼	10/08/25 16:51	10/09/25 18:44	1
cis-Chlordane	0.0070	U	0.0070	0.0011	mg/Kg	☼	10/08/25 16:51	10/09/25 18:44	1
delta-BHC	0.0021	U	0.0021	0.00043	mg/Kg	☼	10/08/25 16:51	10/09/25 18:44	1
Dieldrin	0.0021	U	0.0021	0.00091	mg/Kg	☼	10/08/25 16:51	10/09/25 18:44	1
Endosulfan I	0.0070	U	0.0070	0.0011	mg/Kg	☼	10/08/25 16:51	10/09/25 18:44	1
Endosulfan II	0.0070	U	0.0070	0.0018	mg/Kg	☼	10/08/25 16:51	10/09/25 18:44	1
Endosulfan sulfate	0.0070	U	0.0070	0.00088	mg/Kg	☼	10/08/25 16:51	10/09/25 18:44	1
Endrin	0.0070	U	0.0070	0.0010	mg/Kg	☼	10/08/25 16:51	10/09/25 18:44	1
Endrin aldehyde	0.0070	U	0.0070	0.0017	mg/Kg	☼	10/08/25 16:51	10/09/25 18:44	1
Endrin ketone	0.0070	U	0.0070	0.0014	mg/Kg	☼	10/08/25 16:51	10/09/25 18:44	1
gamma-BHC (Lindane)	0.0021	U	0.0021	0.00065	mg/Kg	☼	10/08/25 16:51	10/09/25 18:44	1
Heptachlor	0.0070	U	0.0070	0.00083	mg/Kg	☼	10/08/25 16:51	10/09/25 18:44	1
Heptachlor epoxide	0.0070	U	0.0070	0.0010	mg/Kg	☼	10/08/25 16:51	10/09/25 18:44	1

Client Sample ID: 45B_6-12
Date Collected: 10/07/25 16:00
Date Received: 10/07/25 17:15

Lab Sample ID: 460-336648-16
Matrix: Solid
Percent Solids: 95.3

Method: SW846 8081B - Organochlorine Pesticides (GC) (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Methoxychlor	0.0070	U	0.0070	0.0016	mg/Kg	☼	10/08/25 16:51	10/09/25 18:44	1
Toxaphene	0.070	U	0.070	0.025	mg/Kg	☼	10/08/25 16:51	10/09/25 18:44	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
DCB Decachlorobiphenyl	*90*		*10 - 150*	*10/08/25 16:51*	*10/09/25 18:44*	*1*
DCB Decachlorobiphenyl	*116*		*10 - 150*	*10/08/25 16:51*	*10/09/25 18:44*	*1*
Tetrachloro-m-xylene	*97*		*14 - 150*	*10/08/25 16:51*	*10/09/25 18:44*	*1*
Tetrachloro-m-xylene	*97*		*14 - 150*	*10/08/25 16:51*	*10/09/25 18:44*	*1*

Method: SW846 8082A - Polychlorinated Biphenyls (PCBs) by Gas Chromatography

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Aroclor 1016	0.070	U	0.070	0.019	mg/Kg	☼	10/08/25 16:43	10/09/25 20:17	1
Aroclor 1221	0.070	U	0.070	0.019	mg/Kg	☼	10/08/25 16:43	10/09/25 20:17	1
Aroclor 1232	0.070	U	0.070	0.019	mg/Kg	☼	10/08/25 16:43	10/09/25 20:17	1
Aroclor 1242	0.070	U	0.070	0.019	mg/Kg	☼	10/08/25 16:43	10/09/25 20:17	1
Aroclor 1248	0.070	U	0.070	0.019	mg/Kg	☼	10/08/25 16:43	10/09/25 20:17	1
Aroclor 1254	0.070	U	0.070	0.019	mg/Kg	☼	10/08/25 16:43	10/09/25 20:17	1
Aroclor 1260	0.070	U	0.070	0.019	mg/Kg	☼	10/08/25 16:43	10/09/25 20:17	1
Aroclor-1262	0.070	U	0.070	0.019	mg/Kg	☼	10/08/25 16:43	10/09/25 20:17	1
Aroclor 1268	0.070	U	0.070	0.019	mg/Kg	☼	10/08/25 16:43	10/09/25 20:17	1
Polychlorinated biphenyls, Total	0.070	U	0.070	0.019	mg/Kg	☼	10/08/25 16:43	10/09/25 20:17	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
DCB Decachlorobiphenyl	*124*		*10 - 150*	*10/08/25 16:43*	*10/09/25 20:17*	*1*
DCB Decachlorobiphenyl	*148*		*10 - 150*	*10/08/25 16:43*	*10/09/25 20:17*	*1*
Tetrachloro-m-xylene	*126*		*10 - 150*	*10/08/25 16:43*	*10/09/25 20:17*	*1*
Tetrachloro-m-xylene	*124*		*10 - 150*	*10/08/25 16:43*	*10/09/25 20:17*	*1*

Method: EPA 1633A - Per- and Polyfluoroalkyl Substances by LC/MS/MS, 1633A

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Perfluorobutanoic acid (PFBA)	0.40	U	0.40	0.099	ug/Kg	☼	10/09/25 14:16	10/10/25 20:26	1
Perfluoropentanoic acid (PFPeA)	0.20	U	0.20	0.099	ug/Kg	☼	10/09/25 14:16	10/10/25 20:26	1
Perfluorohexanoic acid (PFHxA)	0.20	U	0.20	0.099	ug/Kg	☼	10/09/25 14:16	10/10/25 20:26	1
Perfluoroheptanoic acid (PFHpA)	**0.20**		0.20	0.099	ug/Kg	☼	10/09/25 14:16	10/10/25 20:26	1
Perfluorooctanoic acid (PFOA)	**0.26**		0.20	0.059	ug/Kg	☼	10/09/25 14:16	10/10/25 20:26	1
Perfluorononanoic acid (PFNA)	**0.70**		0.20	0.099	ug/Kg	☼	10/09/25 14:16	10/10/25 20:26	1
Perfluorodecanoic acid (PFDA)	**3.26**		0.20	0.059	ug/Kg	☼	10/09/25 14:16	10/10/25 20:26	1
Perfluoroundecanoic acid (PFUnA)	**20.5**		0.20	0.099	ug/Kg	☼	10/09/25 14:16	10/10/25 20:26	1
Perfluorododecanoic acid (PFDoA)	**1.52**		0.20	0.099	ug/Kg	☼	10/09/25 14:16	10/10/25 20:26	1
Perfluorotridecanoic acid (PFTrDA)	**3.58**		0.20	0.099	ug/Kg	☼	10/09/25 14:16	10/10/25 20:26	1
Perfluorotetradecanoic acid (PFTeDA)	**0.40**		0.20	0.099	ug/Kg	☼	10/09/25 14:16	10/10/25 20:26	1
Perfluorobutanesulfonic acid (PFBS)	0.20	U	0.20	0.099	ug/Kg	☼	10/09/25 14:16	10/10/25 20:26	1
Perfluoropentanesulfonic acid (PFPeS)	0.20	U	0.20	0.099	ug/Kg	☼	10/09/25 14:16	10/10/25 20:26	1
Perfluorohexanesulfonic acid (PFHxS)	0.20	U	0.20	0.099	ug/Kg	☼	10/09/25 14:16	10/10/25 20:26	1
Perfluoroheptanesulfonic acid (PFHpS)	0.20	U	0.20	0.099	ug/Kg	☼	10/09/25 14:16	10/10/25 20:26	1
Perfluorooctanesulfonic acid (PFOS)	0.20	U	0.20	0.099	ug/Kg	☼	10/09/25 14:16	10/10/25 20:26	1

Client Sample ID: 45B_6-12
Date Collected: 10/07/25 16:00
Date Received: 10/07/25 17:15

Lab Sample ID: 460-336648-16
Matrix: Solid
Percent Solids: 95.3

Method: EPA 1633A - Per- and Polyfluoroalkyl Substances by LC/MS/MS, 1633A (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Perfluorononanesulfonic acid (PFNS)	0.20	U	0.20	0.099	ug/Kg	☼	10/09/25 14:16	10/10/25 20:26	1
Perfluorodecanesulfonic acid (PFDS)	0.20	U	0.20	0.099	ug/Kg	☼	10/09/25 14:16	10/10/25 20:26	1
Perfluorododecanesulfonic acid (PFDoS)	0.20	U	0.20	0.099	ug/Kg	☼	10/09/25 14:16	10/10/25 20:26	1
1H,1H,2H,2H-Perfluorohexane sulfonic acid (4:2 FTS)	0.40	U	0.40	0.20	ug/Kg	☼	10/09/25 14:16	10/10/25 20:26	1
1H,1H,2H,2H-Perfluorooctane sulfonic acid (6:2 FTS)	**0.36**	**J**	0.40	0.20	ug/Kg	☼	10/09/25 14:16	10/10/25 20:26	1
1H,1H,2H,2H-Perfluorodecane sulfonic acid (8:2 FTS)	**15.8**		0.40	0.20	ug/Kg	☼	10/09/25 14:16	10/10/25 20:26	1
Perfluorooctanesulfonamide (PFOSA)	0.20	U	0.20	0.099	ug/Kg	☼	10/09/25 14:16	10/10/25 20:26	1
N-methylperfluorooctane sulfonamide (NMeFOSA)	0.20	U	0.20	0.099	ug/Kg	☼	10/09/25 14:16	10/10/25 20:26	1
N-ethylperfluorooctane sulfonamide (NEtFOSA)	0.20	U	0.20	0.099	ug/Kg	☼	10/09/25 14:16	10/10/25 20:26	1
N-methylperfluorooctanesulfonamidoacetic acid (NMeFOSAA)	0.20	U	0.20	0.099	ug/Kg	☼	10/09/25 14:16	10/10/25 20:26	1
N-ethylperfluorooctanesulfonamidoacetic acid (NEtFOSAA)	0.20	U	0.20	0.099	ug/Kg	☼	10/09/25 14:16	10/10/25 20:26	1
N-methylperfluorooctane sulfonamidoethanol (NMeFOSE)	0.99	U	0.99	0.50	ug/Kg	☼	10/09/25 14:16	10/10/25 20:26	1
N-ethylperfluorooctane sulfonamidoethanol (NEtFOSE)	0.99	U	0.99	0.50	ug/Kg	☼	10/09/25 14:16	10/10/25 20:26	1
Hexafluoropropylene Oxide Dimer Acid (HFPO-DA)	0.20	U	0.20	0.099	ug/Kg	☼	10/09/25 14:16	10/10/25 20:26	1
4,8-Dioxa-3H-perfluorononanoic acid (ADONA)	0.20	U	0.20	0.099	ug/Kg	☼	10/09/25 14:16	10/10/25 20:26	1
Perfluoro-3-methoxypropanoic acid (PFMPA)	0.20	U	0.20	0.099	ug/Kg	☼	10/09/25 14:16	10/10/25 20:26	1
Perfluoro-4-methoxybutanoic acid (PFMBA)	0.20	U	0.20	0.099	ug/Kg	☼	10/09/25 14:16	10/10/25 20:26	1
Nonafluoro-3,6-dioxaheptanoic acid (NFDHA)	0.20	U	0.20	0.099	ug/Kg	☼	10/09/25 14:16	10/10/25 20:26	1
9-Chlorohexadecafluoro-3-oxanonane-1-sulfonic acid (9Cl-PF3ONS)	0.20	U	0.20	0.099	ug/Kg	☼	10/09/25 14:16	10/10/25 20:26	1
11-Chloroeicosafluoro-3-oxaundecane-1-sulfonic acid (11Cl-PF3OUdS)	0.20	U	0.20	0.099	ug/Kg	☼	10/09/25 14:16	10/10/25 20:26	1
Perfluoro (2-ethoxyethane) sulfonic acid (PFEESA)	0.20	U	0.20	0.099	ug/Kg	☼	10/09/25 14:16	10/10/25 20:26	1
3-Perfluoropropylpropanoic acid (3:3 FTCA)	0.40	U	0.40	0.20	ug/Kg	☼	10/09/25 14:16	10/10/25 20:26	1
3-Perfluoropentylpropanoic acid (5:3 FTCA)	0.99	U	0.99	0.50	ug/Kg	☼	10/09/25 14:16	10/10/25 20:26	1
3-Perfluoroheptylpropanoic acid (7:3 FTCA)	**0.92**	**J**	0.99	0.50	ug/Kg	☼	10/09/25 14:16	10/10/25 20:26	1

Isotope Dilution	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
13C4 PFBA	*88.3*		*8 - 130*	*10/09/25 14:16*	*10/10/25 20:26*	*1*
13C5 PFPeA	*98.1*		*35 - 130*	*10/09/25 14:16*	*10/10/25 20:26*	*1*
13C5 PFHxA	*94.5*		*40 - 130*	*10/09/25 14:16*	*10/10/25 20:26*	*1*
13C4 PFHpA	*102*		*40 - 130*	*10/09/25 14:16*	*10/10/25 20:26*	*1*
13C8 PFOA	*92.6*		*40 - 130*	*10/09/25 14:16*	*10/10/25 20:26*	*1*
13C9 PFNA	*93.5*		*40 - 130*	*10/09/25 14:16*	*10/10/25 20:26*	*1*
13C6 PFDA	*89.5*		*40 - 130*	*10/09/25 14:16*	*10/10/25 20:26*	*1*
13C7 PFUnA	*85.6*		*40 - 130*	*10/09/25 14:16*	*10/10/25 20:26*	*1*

Client Sample ID: 45B_6-12

Date Collected: 10/07/25 16:00
Date Received: 10/07/25 17:15

Lab Sample ID: 460-336648-16

Matrix: Solid
Percent Solids: 95.3

Method: EPA 1633A - Per- and Polyfluoroalkyl Substances by LC/MS/MS, 1633A (Continued)

Isotope Dilution	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
13C2 PFTeDA	60.8		20 - 130	10/09/25 14:16	10/10/25 20:26	1
13C3 PFBS	87.8		40 - 135	10/09/25 14:16	10/10/25 20:26	1
13C3 PFHxS	91.4		40 - 130	10/09/25 14:16	10/10/25 20:26	1
13C8 PFOS	87.6		40 - 130	10/09/25 14:16	10/10/25 20:26	1
13C8 FOSA	83.6		40 - 130	10/09/25 14:16	10/10/25 20:26	1
d3-NMeFOSAA	71.2		40 - 135	10/09/25 14:16	10/10/25 20:26	1
d5-NEtFOSAA	76.4		40 - 150	10/09/25 14:16	10/10/25 20:26	1
13C2 4:2 FTS	102		40 - 165	10/09/25 14:16	10/10/25 20:26	1
13C2 6:2 FTS	91.3		40 - 215	10/09/25 14:16	10/10/25 20:26	1
13C2 8:2 FTS	78.4		40 - 275	10/09/25 14:16	10/10/25 20:26	1
13C3 HFPO-DA	104		40 - 130	10/09/25 14:16	10/10/25 20:26	1
d7-N-MeFOSE-M	39.7		20 - 130	10/09/25 14:16	10/10/25 20:26	1
d9-N-EtFOSE-M	34.3		15 - 130	10/09/25 14:16	10/10/25 20:26	1
d5-NEtPFOSA	69.2		10 - 130	10/09/25 14:16	10/10/25 20:26	1
d3-NMePFOSA	77.8		10 - 130	10/09/25 14:16	10/10/25 20:26	1
13C2 PFDoA	81.6		40 - 130	10/09/25 14:16	10/10/25 20:26	1

Method: SW846 6020B - Metals (ICP/MS)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Aluminum	3850		16.3	4.5	mg/Kg	☼	10/11/25 20:55	10/12/25 13:30	1
Antimony	4.4		0.81	0.12	mg/Kg	☼	10/11/25 20:55	10/12/25 13:30	1
Arsenic	11.4		0.81	0.084	mg/Kg	☼	10/11/25 20:55	10/12/25 13:30	1
Barium	25.2		1.6	0.12	mg/Kg	☼	10/11/25 20:55	10/12/25 13:30	1
Beryllium	0.51		0.33	0.018	mg/Kg	☼	10/11/25 20:55	10/12/25 13:30	1
Cadmium	0.58	J	0.81	0.092	mg/Kg	☼	10/11/25 20:55	10/12/25 13:30	1
Calcium	44100		81.4	7.9	mg/Kg	☼	10/11/25 20:55	10/12/25 13:30	1
Chromium	27.8		1.6	0.24	mg/Kg	☼	10/11/25 20:55	10/12/25 13:30	1
Cobalt	5.7		0.81	0.12	mg/Kg	☼	10/11/25 20:55	10/12/25 13:30	1
Copper	116		1.6	0.30	mg/Kg	☼	10/11/25 20:55	10/12/25 13:30	1
Iron	16000		48.8	6.2	mg/Kg	☼	10/11/25 20:55	10/12/25 13:30	1
Lead	204		0.49	0.16	mg/Kg	☼	10/11/25 20:55	10/12/25 13:30	1
Magnesium	25200		81.4	8.3	mg/Kg	☼	10/11/25 20:55	10/12/25 13:30	1
Manganese	165		3.3	0.33	mg/Kg	☼	10/11/25 20:55	10/12/25 13:30	1
Nickel	48.9		1.6	0.14	mg/Kg	☼	10/11/25 20:55	10/12/25 13:30	1
Potassium	891		81.4	13.2	mg/Kg	☼	10/11/25 20:55	10/12/25 13:30	1
Selenium	0.37	J	1.0	0.10	mg/Kg	☼	10/11/25 20:55	10/12/25 13:30	1
Silver	0.53		0.33	0.072	mg/Kg	☼	10/11/25 20:55	10/12/25 13:30	1
Sodium	55.2	J	81.4	37.2	mg/Kg	☼	10/11/25 20:55	10/12/25 13:30	1
Thallium	0.042	J	0.33	0.033	mg/Kg	☼	10/11/25 20:55	10/12/25 13:30	1
Vanadium	25.1		1.6	0.17	mg/Kg	☼	10/11/25 20:55	10/12/25 13:30	1
Zinc	188		6.5	0.89	mg/Kg	☼	10/11/25 20:55	10/12/25 13:30	1

Method: SW846 7471B - Mercury (CVAA)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	0.050		0.016	0.0076	mg/Kg	☼	10/16/25 01:43	10/16/25 08:34	1

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Percent Moisture (EPA Moisture)	4.7		1.0	1.0	%			10/08/25 18:34	1
Percent Solids (EPA Moisture)	95.3		1.0	1.0	%			10/08/25 18:34	1

Client: Haley & Aldrich, Inc.
Project/Site: Former Port Mobil

Job ID: 460-336648-1

Client Sample ID: 45C_0-6
Date Collected: 10/07/25 16:05
Date Received: 10/07/25 17:15

Lab Sample ID: 460-336648-17
Matrix: Solid
Percent Solids: 93.7

Method: SW846 8270E - Semivolatile Organic Compounds (GC/MS)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1'-Biphenyl	0.35	U	0.35	0.012	mg/Kg	☼	10/08/25 20:51	10/09/25 14:11	1
1,2,4,5-Tetrachlorobenzene	0.35	U	0.35	0.011	mg/Kg	☼	10/08/25 20:51	10/09/25 14:11	1
1,4-Dioxane	0.035	U	0.035	0.031	mg/Kg	☼	10/08/25 20:51	10/09/25 14:11	1
2,2'-oxybis[1-chloropropane]	0.35	U	0.35	0.021	mg/Kg	☼	10/08/25 20:51	10/09/25 14:11	1
2,3,4,6-Tetrachlorophenol	0.35	U	0.35	0.024	mg/Kg	☼	10/08/25 20:51	10/09/25 14:11	1
2,4,5-Trichlorophenol	0.35	U	0.35	0.036	mg/Kg	☼	10/08/25 20:51	10/09/25 14:11	1
2,4,6-Trichlorophenol	0.14	U	0.14	0.045	mg/Kg	☼	10/08/25 20:51	10/09/25 14:11	1
2,4-Dichlorophenol	0.14	U	0.14	0.023	mg/Kg	☼	10/08/25 20:51	10/09/25 14:11	1
2,4-Dimethylphenol	0.35	U	0.35	0.042	mg/Kg	☼	10/08/25 20:51	10/09/25 14:11	1
2,4-Dinitrophenol	0.28	U	0.28	0.17	mg/Kg	☼	10/08/25 20:51	10/09/25 14:11	1
2,4-Dinitrotoluene	0.071	U	0.071	0.038	mg/Kg	☼	10/08/25 20:51	10/09/25 14:11	1
2,6-Dinitrotoluene	0.071	U	0.071	0.025	mg/Kg	☼	10/08/25 20:51	10/09/25 14:11	1
2-Chloronaphthalene	0.35	U	0.35	0.045	mg/Kg	☼	10/08/25 20:51	10/09/25 14:11	1
2-Chlorophenol	0.35	U	0.35	0.013	mg/Kg	☼	10/08/25 20:51	10/09/25 14:11	1
2-Methylnaphthalene	0.35	U	0.35	0.0098	mg/Kg	☼	10/08/25 20:51	10/09/25 14:11	1
2-Methylphenol	0.35	U	0.35	0.013	mg/Kg	☼	10/08/25 20:51	10/09/25 14:11	1
2-Nitroaniline	0.35	U	0.35	0.027	mg/Kg	☼	10/08/25 20:51	10/09/25 14:11	1
2-Nitrophenol	0.35	U	0.35	0.035	mg/Kg	☼	10/08/25 20:51	10/09/25 14:11	1
3 & 4 Methylphenol	0.35	U	0.35	0.022	mg/Kg	☼	10/08/25 20:51	10/09/25 14:11	1
3,3'-Dichlorobenzidine	0.14	U	0.14	0.053	mg/Kg	☼	10/08/25 20:51	10/09/25 14:11	1
3-Nitroaniline	0.35	U	0.35	0.083	mg/Kg	☼	10/08/25 20:51	10/09/25 14:11	1
4,6-Dinitro-2-methylphenol	0.28	U	0.28	0.14	mg/Kg	☼	10/08/25 20:51	10/09/25 14:11	1
4-Bromophenyl phenyl ether	0.35	U	0.35	0.014	mg/Kg	☼	10/08/25 20:51	10/09/25 14:11	1
4-Chloro-3-methylphenol	0.35	U	0.35	0.020	mg/Kg	☼	10/08/25 20:51	10/09/25 14:11	1
4-Chloroaniline	0.35	U	0.35	0.062	mg/Kg	☼	10/08/25 20:51	10/09/25 14:11	1
4-Chlorophenyl phenyl ether	0.35	U	0.35	0.012	mg/Kg	☼	10/08/25 20:51	10/09/25 14:11	1
4-Methylphenol	0.35	U	0.35	0.022	mg/Kg	☼	10/08/25 20:51	10/09/25 14:11	1
4-Nitroaniline	0.35	U	0.35	0.089	mg/Kg	☼	10/08/25 20:51	10/09/25 14:11	1
4-Nitrophenol	0.71	U	0.71	0.057	mg/Kg	☼	10/08/25 20:51	10/09/25 14:11	1
Acenaphthene	0.35	U	0.35	0.010	mg/Kg	☼	10/08/25 20:51	10/09/25 14:11	1
Acenaphthylene	0.35	U	0.35	0.010	mg/Kg	☼	10/08/25 20:51	10/09/25 14:11	1
Acetophenone	0.35	U	0.35	0.017	mg/Kg	☼	10/08/25 20:51	10/09/25 14:11	1
Anthracene	0.35	U	0.35	0.011	mg/Kg	☼	10/08/25 20:51	10/09/25 14:11	1
Atrazine	0.14	U	0.14	0.021	mg/Kg	☼	10/08/25 20:51	10/09/25 14:11	1
Benzaldehyde	0.35	U	0.35	0.058	mg/Kg	☼	10/08/25 20:51	10/09/25 14:11	1
Benzo[a]anthracene	0.035	U	0.035	0.026	mg/Kg	☼	10/08/25 20:51	10/09/25 14:11	1
Benzo[a]pyrene	0.035	U	0.035	0.0094	mg/Kg	☼	10/08/25 20:51	10/09/25 14:11	1
Benzo[b]fluoranthene	0.035	U	0.035	0.0091	mg/Kg	☼	10/08/25 20:51	10/09/25 14:11	1
Benzo[g,h,i]perylene	0.35	U	0.35	0.010	mg/Kg	☼	10/08/25 20:51	10/09/25 14:11	1
Benzo[k]fluoranthene	0.035	U	0.035	0.0069	mg/Kg	☼	10/08/25 20:51	10/09/25 14:11	1
Bis(2-chloroethoxy)methane	0.35	U	0.35	0.065	mg/Kg	☼	10/08/25 20:51	10/09/25 14:11	1
Bis(2-chloroethyl)ether	0.035	U	0.035	0.012	mg/Kg	☼	10/08/25 20:51	10/09/25 14:11	1
Bis(2-ethylhexyl) phthalate	0.35	U	0.35	0.019	mg/Kg	☼	10/08/25 20:51	10/09/25 14:11	1
Butyl benzyl phthalate	0.35	U	0.35	0.016	mg/Kg	☼	10/08/25 20:51	10/09/25 14:11	1
Caprolactam	0.35	U	0.35	0.055	mg/Kg	☼	10/08/25 20:51	10/09/25 14:11	1
Carbazole	0.35	U	0.35	0.013	mg/Kg	☼	10/08/25 20:51	10/09/25 14:11	1
Chrysene	0.35	U	0.35	0.015	mg/Kg	☼	10/08/25 20:51	10/09/25 14:11	1
Dibenz(a,h)anthracene	0.035	U	0.035	0.015	mg/Kg	☼	10/08/25 20:51	10/09/25 14:11	1
Dibenzofuran	0.35	U	0.35	0.012	mg/Kg	☼	10/08/25 20:51	10/09/25 14:11	1

Client Sample ID: 45C_0-6
Date Collected: 10/07/25 16:05
Date Received: 10/07/25 17:15

Lab Sample ID: 460-336648-17
Matrix: Solid
Percent Solids: 93.7

Method: SW846 8270E - Semivolatile Organic Compounds (GC/MS) (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Diethyl phthalate	0.35	U	0.35	0.011	mg/Kg	☼	10/08/25 20:51	10/09/25 14:11	1
Dimethyl phthalate	0.35	U	0.35	0.080	mg/Kg	☼	10/08/25 20:51	10/09/25 14:11	1
Di-n-butyl phthalate	0.35	U	0.35	0.013	mg/Kg	☼	10/08/25 20:51	10/09/25 14:11	1
Di-n-octyl phthalate	0.35	U	0.35	0.019	mg/Kg	☼	10/08/25 20:51	10/09/25 14:11	1
Fluoranthene	0.35	U	0.35	0.012	mg/Kg	☼	10/08/25 20:51	10/09/25 14:11	1
Fluorene	0.35	U	0.35	0.010	mg/Kg	☼	10/08/25 20:51	10/09/25 14:11	1
Hexachlorobenzene	0.035	U	0.035	0.017	mg/Kg	☼	10/08/25 20:51	10/09/25 14:11	1
Hexachlorobutadiene	0.071	U	0.071	0.0075	mg/Kg	☼	10/08/25 20:51	10/09/25 14:11	1
Hexachlorocyclopentadiene	0.35	U	0.35	0.031	mg/Kg	☼	10/08/25 20:51	10/09/25 14:11	1
Hexachloroethane	0.035	U	0.035	0.012	mg/Kg	☼	10/08/25 20:51	10/09/25 14:11	1
Indeno[1,2,3-cd]pyrene	0.035	U	0.035	0.014	mg/Kg	☼	10/08/25 20:51	10/09/25 14:11	1
Isophorone	0.14	U	0.14	0.10	mg/Kg	☼	10/08/25 20:51	10/09/25 14:11	1
Naphthalene	0.35	U	0.35	0.0061	mg/Kg	☼	10/08/25 20:51	10/09/25 14:11	1
Nitrobenzene	0.035	U	0.035	0.019	mg/Kg	☼	10/08/25 20:51	10/09/25 14:11	1
N-Nitrosodi-n-propylamine	0.035	U	0.035	0.026	mg/Kg	☼	10/08/25 20:51	10/09/25 14:11	1
N-Nitrosodiphenylamine	0.35	U	0.35	0.029	mg/Kg	☼	10/08/25 20:51	10/09/25 14:11	1
Pentachlorophenol	0.28	U	0.28	0.072	mg/Kg	☼	10/08/25 20:51	10/09/25 14:11	1
Phenanthrene	0.35	U	0.35	0.014	mg/Kg	☼	10/08/25 20:51	10/09/25 14:11	1
Phenol	0.35	U	0.35	0.013	mg/Kg	☼	10/08/25 20:51	10/09/25 14:11	1
Pyrene	0.35	U	0.35	0.0087	mg/Kg	☼	10/08/25 20:51	10/09/25 14:11	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
2,4,6-Tribromophenol (Surr)	*46*		*18 - 137*	*10/08/25 20:51*	*10/09/25 14:11*	*1*
2-Fluorobiphenyl	*46*		*33 - 117*	*10/08/25 20:51*	*10/09/25 14:11*	*1*
2-Fluorophenol (Surr)	*51*		*24 - 120*	*10/08/25 20:51*	*10/09/25 14:11*	*1*
Nitrobenzene-d5 (Surr)	*47*		*27 - 120*	*10/08/25 20:51*	*10/09/25 14:11*	*1*
Phenol-d5 (Surr)	*48*		*28 - 118*	*10/08/25 20:51*	*10/09/25 14:11*	*1*
Terphenyl-d14 (Surr)	*48*		*33 - 124*	*10/08/25 20:51*	*10/09/25 14:11*	*1*

Method: SW846 8081B - Organochlorine Pesticides (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
4,4'-DDD	0.0072	U	0.0072	0.0012	mg/Kg	☼	10/08/25 16:51	10/09/25 18:57	1
4,4'-DDE	0.0072	U	0.0072	0.00084	mg/Kg	☼	10/08/25 16:51	10/09/25 18:57	1
4,4'-DDT	0.0072	U	0.0072	0.0013	mg/Kg	☼	10/08/25 16:51	10/09/25 18:57	1
Aldrin	0.0072	U	0.0072	0.0011	mg/Kg	☼	10/08/25 16:51	10/09/25 18:57	1
alpha-BHC	0.0021	U	0.0021	0.00073	mg/Kg	☼	10/08/25 16:51	10/09/25 18:57	1
beta-BHC	0.0021	U	0.0021	0.00080	mg/Kg	☼	10/08/25 16:51	10/09/25 18:57	1
Chlordane (technical)	0.072	U	0.072	0.017	mg/Kg	☼	10/08/25 16:51	10/09/25 18:57	1
cis-Chlordane	0.0072	U	0.0072	0.0011	mg/Kg	☼	10/08/25 16:51	10/09/25 18:57	1
delta-BHC	0.0021	U	0.0021	0.00044	mg/Kg	☼	10/08/25 16:51	10/09/25 18:57	1
Dieldrin	0.0021	U	0.0021	0.00093	mg/Kg	☼	10/08/25 16:51	10/09/25 18:57	1
Endosulfan I	0.0072	U	0.0072	0.0011	mg/Kg	☼	10/08/25 16:51	10/09/25 18:57	1
Endosulfan II	0.0072	U	0.0072	0.0018	mg/Kg	☼	10/08/25 16:51	10/09/25 18:57	1
Endosulfan sulfate	0.0072	U	0.0072	0.00090	mg/Kg	☼	10/08/25 16:51	10/09/25 18:57	1
Endrin	0.0072	U	0.0072	0.0010	mg/Kg	☼	10/08/25 16:51	10/09/25 18:57	1
Endrin aldehyde	0.0072	U	0.0072	0.0017	mg/Kg	☼	10/08/25 16:51	10/09/25 18:57	1
Endrin ketone	0.0072	U	0.0072	0.0014	mg/Kg	☼	10/08/25 16:51	10/09/25 18:57	1
gamma-BHC (Lindane)	0.0021	U	0.0021	0.00066	mg/Kg	☼	10/08/25 16:51	10/09/25 18:57	1
Heptachlor	0.0072	U	0.0072	0.00084	mg/Kg	☼	10/08/25 16:51	10/09/25 18:57	1
Heptachlor epoxide	0.0072	U	0.0072	0.0011	mg/Kg	☼	10/08/25 16:51	10/09/25 18:57	1

Client Sample ID: 45C_0-6
Date Collected: 10/07/25 16:05
Date Received: 10/07/25 17:15

Lab Sample ID: 460-336648-17
Matrix: Solid
Percent Solids: 93.7

Method: SW846 8081B - Organochlorine Pesticides (GC) (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Methoxychlor	0.0072	U	0.0072	0.0016	mg/Kg	☼	10/08/25 16:51	10/09/25 18:57	1
Toxaphene	0.072	U	0.072	0.026	mg/Kg	☼	10/08/25 16:51	10/09/25 18:57	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
DCB Decachlorobiphenyl	*83*		*10 - 150*	*10/08/25 16:51*	*10/09/25 18:57*	*1*
DCB Decachlorobiphenyl	*104*		*10 - 150*	*10/08/25 16:51*	*10/09/25 18:57*	*1*
Tetrachloro-m-xylene	*87*		*14 - 150*	*10/08/25 16:51*	*10/09/25 18:57*	*1*
Tetrachloro-m-xylene	*87*		*14 - 150*	*10/08/25 16:51*	*10/09/25 18:57*	*1*

Method: SW846 8082A - Polychlorinated Biphenyls (PCBs) by Gas Chromatography

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Aroclor 1016	0.072	U	0.072	0.019	mg/Kg	☼	10/08/25 16:43	10/09/25 20:39	1
Aroclor 1221	0.072	U	0.072	0.019	mg/Kg	☼	10/08/25 16:43	10/09/25 20:39	1
Aroclor 1232	0.072	U	0.072	0.019	mg/Kg	☼	10/08/25 16:43	10/09/25 20:39	1
Aroclor 1242	0.072	U	0.072	0.019	mg/Kg	☼	10/08/25 16:43	10/09/25 20:39	1
Aroclor 1248	0.072	U	0.072	0.019	mg/Kg	☼	10/08/25 16:43	10/09/25 20:39	1
Aroclor 1254	0.072	U	0.072	0.019	mg/Kg	☼	10/08/25 16:43	10/09/25 20:39	1
Aroclor 1260	0.072	U	0.072	0.019	mg/Kg	☼	10/08/25 16:43	10/09/25 20:39	1
Aroclor-1262	0.072	U	0.072	0.019	mg/Kg	☼	10/08/25 16:43	10/09/25 20:39	1
Aroclor 1268	0.072	U	0.072	0.019	mg/Kg	☼	10/08/25 16:43	10/09/25 20:39	1
Polychlorinated biphenyls, Total	0.072	U	0.072	0.019	mg/Kg	☼	10/08/25 16:43	10/09/25 20:39	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
DCB Decachlorobiphenyl	*115*		*10 - 150*	*10/08/25 16:43*	*10/09/25 20:39*	*1*
DCB Decachlorobiphenyl	*137*		*10 - 150*	*10/08/25 16:43*	*10/09/25 20:39*	*1*
Tetrachloro-m-xylene	*118*		*10 - 150*	*10/08/25 16:43*	*10/09/25 20:39*	*1*
Tetrachloro-m-xylene	*114*		*10 - 150*	*10/08/25 16:43*	*10/09/25 20:39*	*1*

Method: EPA 1633A - Per- and Polyfluoroalkyl Substances by LC/MS/MS, 1633A

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Perfluorobutanoic acid (PFBA)	0.39	U	0.39	0.097	ug/Kg	☼	10/09/25 14:16	10/10/25 20:40	1
Perfluoropentanoic acid (PFPeA)	0.19	U	0.19	0.097	ug/Kg	☼	10/09/25 14:16	10/10/25 20:40	1
Perfluorohexanoic acid (PFHxA)	0.19	U	0.19	0.097	ug/Kg	☼	10/09/25 14:16	10/10/25 20:40	1
Perfluoroheptanoic acid (PFHpA)	**0.14**	**J**	0.19	0.097	ug/Kg	☼	10/09/25 14:16	10/10/25 20:40	1
Perfluorooctanoic acid (PFOA)	**0.26**		0.19	0.058	ug/Kg	☼	10/09/25 14:16	10/10/25 20:40	1
Perfluorononanoic acid (PFNA)	**0.71**		0.19	0.097	ug/Kg	☼	10/09/25 14:16	10/10/25 20:40	1
Perfluorodecanoic acid (PFDA)	**1.15**		0.19	0.058	ug/Kg	☼	10/09/25 14:16	10/10/25 20:40	1
Perfluoroundecanoic acid (PFUnA)	**5.48**		0.19	0.097	ug/Kg	☼	10/09/25 14:16	10/10/25 20:40	1
Perfluorododecanoic acid (PFDoA)	**0.90**		0.19	0.097	ug/Kg	☼	10/09/25 14:16	10/10/25 20:40	1
Perfluorotridecanoic acid (PFTrDA)	**3.42**		0.19	0.097	ug/Kg	☼	10/09/25 14:16	10/10/25 20:40	1
Perfluorotetradecanoic acid (PFTeDA)	**0.39**		0.19	0.097	ug/Kg	☼	10/09/25 14:16	10/10/25 20:40	1
Perfluorobutanesulfonic acid (PFBS)	0.19	U	0.19	0.097	ug/Kg	☼	10/09/25 14:16	10/10/25 20:40	1
Perfluoropentanesulfonic acid (PFPeS)	0.19	U	0.19	0.097	ug/Kg	☼	10/09/25 14:16	10/10/25 20:40	1
Perfluorohexanesulfonic acid (PFHxS)	0.19	U	0.19	0.097	ug/Kg	☼	10/09/25 14:16	10/10/25 20:40	1
Perfluoroheptanesulfonic acid (PFHpS)	0.19	U	0.19	0.097	ug/Kg	☼	10/09/25 14:16	10/10/25 20:40	1
Perfluorooctanesulfonic acid (PFOS)	0.19	U	0.19	0.097	ug/Kg	☼	10/09/25 14:16	10/10/25 20:40	1

Client Sample ID: 45C_0-6
Date Collected: 10/07/25 16:05
Date Received: 10/07/25 17:15

Lab Sample ID: 460-336648-17
Matrix: Solid
Percent Solids: 93.7

Method: EPA 1633A - Per- and Polyfluoroalkyl Substances by LC/MS/MS, 1633A (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Perfluorononanesulfonic acid (PFNS)	0.19	U	0.19	0.097	ug/Kg	☼	10/09/25 14:16	10/10/25 20:40	1
Perfluorodecanesulfonic acid (PFDS)	0.19	U	0.19	0.097	ug/Kg	☼	10/09/25 14:16	10/10/25 20:40	1
Perfluorododecanesulfonic acid (PFDoS)	0.19	U	0.19	0.097	ug/Kg	☼	10/09/25 14:16	10/10/25 20:40	1
1H,1H,2H,2H-Perfluorohexane sulfonic acid (4:2 FTS)	0.39	U	0.39	0.19	ug/Kg	☼	10/09/25 14:16	10/10/25 20:40	1
1H,1H,2H,2H-Perfluorooctane sulfonic acid (6:2 FTS)	**0.24**	**J**	0.39	0.19	ug/Kg	☼	10/09/25 14:16	10/10/25 20:40	1
1H,1H,2H,2H-Perfluorodecane sulfonic acid (8:2 FTS)	**3.55**		0.39	0.19	ug/Kg	☼	10/09/25 14:16	10/10/25 20:40	1
Perfluorooctanesulfonamide (PFOSA)	0.19	U	0.19	0.097	ug/Kg	☼	10/09/25 14:16	10/10/25 20:40	1
N-methylperfluorooctane sulfonamide (NMeFOSA)	0.19	U	0.19	0.097	ug/Kg	☼	10/09/25 14:16	10/10/25 20:40	1
N-ethylperfluorooctane sulfonamide (NEtFOSA)	0.19	U	0.19	0.097	ug/Kg	☼	10/09/25 14:16	10/10/25 20:40	1
N-methylperfluorooctanesulfonamidoacetic acid (NMeFOSAA)	0.19	U	0.19	0.097	ug/Kg	☼	10/09/25 14:16	10/10/25 20:40	1
N-ethylperfluorooctanesulfonamidoacetic acid (NEtFOSAA)	0.19	U	0.19	0.097	ug/Kg	☼	10/09/25 14:16	10/10/25 20:40	1
N-methylperfluorooctane sulfonamidoethanol (NMeFOSE)	0.97	U	0.97	0.49	ug/Kg	☼	10/09/25 14:16	10/10/25 20:40	1
N-ethylperfluorooctane sulfonamidoethanol (NEtFOSE)	0.97	U	0.97	0.49	ug/Kg	☼	10/09/25 14:16	10/10/25 20:40	1
Hexafluoropropylene Oxide Dimer Acid (HFPO-DA)	0.19	U	0.19	0.097	ug/Kg	☼	10/09/25 14:16	10/10/25 20:40	1
4,8-Dioxa-3H-perfluorononanoic acid (ADONA)	0.19	U	0.19	0.097	ug/Kg	☼	10/09/25 14:16	10/10/25 20:40	1
Perfluoro-3-methoxypropanoic acid (PFMPA)	0.19	U	0.19	0.097	ug/Kg	☼	10/09/25 14:16	10/10/25 20:40	1
Perfluoro-4-methoxybutanoic acid (PFMBA)	0.19	U	0.19	0.097	ug/Kg	☼	10/09/25 14:16	10/10/25 20:40	1
Nonafluoro-3,6-dioxaheptanoic acid (NFDHA)	0.19	U	0.19	0.097	ug/Kg	☼	10/09/25 14:16	10/10/25 20:40	1
9-Chlorohexadecafluoro-3-oxanonane-1-sulfonic acid (9Cl-PF3ONS)	0.19	U	0.19	0.097	ug/Kg	☼	10/09/25 14:16	10/10/25 20:40	1
11-Chloroeicosafluoro-3-oxaundecane-1-sulfonic acid (11Cl-PF3OUdS)	0.19	U	0.19	0.097	ug/Kg	☼	10/09/25 14:16	10/10/25 20:40	1
Perfluoro (2-ethoxyethane) sulfonic acid (PFEESA)	0.19	U	0.19	0.097	ug/Kg	☼	10/09/25 14:16	10/10/25 20:40	1
3-Perfluoropropylpropanoic acid (3:3 FTCA)	0.39	U	0.39	0.19	ug/Kg	☼	10/09/25 14:16	10/10/25 20:40	1
3-Perfluoropentylpropanoic acid (5:3 FTCA)	0.97	U	0.97	0.49	ug/Kg	☼	10/09/25 14:16	10/10/25 20:40	1
3-Perfluoroheptylpropanoic acid (7:3 FTCA)	0.97	U	0.97	0.49	ug/Kg	☼	10/09/25 14:16	10/10/25 20:40	1

Isotope Dilution	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
13C4 PFBA	*88.4*		*8 - 130*	*10/09/25 14:16*	*10/10/25 20:40*	*1*
13C5 PFPeA	*95.4*		*35 - 130*	*10/09/25 14:16*	*10/10/25 20:40*	*1*
13C5 PFHxA	*88.8*		*40 - 130*	*10/09/25 14:16*	*10/10/25 20:40*	*1*
13C4 PFHpA	*99.5*		*40 - 130*	*10/09/25 14:16*	*10/10/25 20:40*	*1*
13C8 PFOA	*88.2*		*40 - 130*	*10/09/25 14:16*	*10/10/25 20:40*	*1*
13C9 PFNA	*89.6*		*40 - 130*	*10/09/25 14:16*	*10/10/25 20:40*	*1*
13C6 PFDA	*92.5*		*40 - 130*	*10/09/25 14:16*	*10/10/25 20:40*	*1*
13C7 PFUnA	*83.0*		*40 - 130*	*10/09/25 14:16*	*10/10/25 20:40*	*1*

Client Sample ID: 45C_0-6
Date Collected: 10/07/25 16:05
Date Received: 10/07/25 17:15

Lab Sample ID: 460-336648-17
Matrix: Solid
Percent Solids: 93.7

Method: EPA 1633A - Per- and Polyfluoroalkyl Substances by LC/MS/MS, 1633A (Continued)

Isotope Dilution	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
13C2 PFTeDA	56.4		20 - 130	10/09/25 14:16	10/10/25 20:40	1
13C3 PFBS	83.9		40 - 135	10/09/25 14:16	10/10/25 20:40	1
13C3 PFHxS	85.9		40 - 130	10/09/25 14:16	10/10/25 20:40	1
13C8 PFOS	87.5		40 - 130	10/09/25 14:16	10/10/25 20:40	1
13C8 FOSA	83.9		40 - 130	10/09/25 14:16	10/10/25 20:40	1
d3-NMeFOSAA	74.0		40 - 135	10/09/25 14:16	10/10/25 20:40	1
d5-NEtFOSAA	83.7		40 - 150	10/09/25 14:16	10/10/25 20:40	1
13C2 4:2 FTS	126		40 - 165	10/09/25 14:16	10/10/25 20:40	1
13C2 6:2 FTS	111		40 - 215	10/09/25 14:16	10/10/25 20:40	1
13C2 8:2 FTS	88.8		40 - 275	10/09/25 14:16	10/10/25 20:40	1
13C3 HFPO-DA	98.2		40 - 130	10/09/25 14:16	10/10/25 20:40	1
d7-N-MeFOSE-M	44.1		20 - 130	10/09/25 14:16	10/10/25 20:40	1
d9-N-EtFOSE-M	42.1		15 - 130	10/09/25 14:16	10/10/25 20:40	1
d5-NEtPFOSA	78.8		10 - 130	10/09/25 14:16	10/10/25 20:40	1
d3-NMePFOSA	83.3		10 - 130	10/09/25 14:16	10/10/25 20:40	1
13C2 PFDoA	82.2		40 - 130	10/09/25 14:16	10/10/25 20:40	1

Method: SW846 6020B - Metals (ICP/MS)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Aluminum	6660		16.5	4.5	mg/Kg	☼	10/11/25 20:55	10/12/25 13:38	1
Antimony	3.6		0.83	0.12	mg/Kg	☼	10/11/25 20:55	10/12/25 13:38	1
Arsenic	12.2		0.83	0.085	mg/Kg	☼	10/11/25 20:55	10/12/25 13:38	1
Barium	54.3		1.7	0.12	mg/Kg	☼	10/11/25 20:55	10/12/25 13:38	1
Beryllium	0.78		0.33	0.018	mg/Kg	☼	10/11/25 20:55	10/12/25 13:38	1
Cadmium	0.47	J	0.83	0.094	mg/Kg	☼	10/11/25 20:55	10/12/25 13:38	1
Calcium	8610		82.7	8.1	mg/Kg	☼	10/11/25 20:55	10/12/25 13:38	1
Chromium	30.5		1.7	0.25	mg/Kg	☼	10/11/25 20:55	10/12/25 13:38	1
Cobalt	8.1		0.83	0.12	mg/Kg	☼	10/11/25 20:55	10/12/25 13:38	1
Copper	100		1.7	0.30	mg/Kg	☼	10/11/25 20:55	10/12/25 13:38	1
Iron	25000		49.6	6.3	mg/Kg	☼	10/11/25 20:55	10/12/25 13:38	1
Lead	260		0.50	0.17	mg/Kg	☼	10/11/25 20:55	10/12/25 13:38	1
Magnesium	5950		82.7	8.4	mg/Kg	☼	10/11/25 20:55	10/12/25 13:38	1
Manganese	190		3.3	0.33	mg/Kg	☼	10/11/25 20:55	10/12/25 13:38	1
Nickel	41.0		1.7	0.15	mg/Kg	☼	10/11/25 20:55	10/12/25 13:38	1
Potassium	1220		82.7	13.4	mg/Kg	☼	10/11/25 20:55	10/12/25 13:38	1
Selenium	0.79	J	1.0	0.11	mg/Kg	☼	10/11/25 20:55	10/12/25 13:38	1
Silver	0.49		0.33	0.074	mg/Kg	☼	10/11/25 20:55	10/12/25 13:38	1
Sodium	107		82.7	37.8	mg/Kg	☼	10/11/25 20:55	10/12/25 13:38	1
Thallium	0.082	J	0.33	0.034	mg/Kg	☼	10/11/25 20:55	10/12/25 13:38	1
Vanadium	30.9		1.7	0.17	mg/Kg	☼	10/11/25 20:55	10/12/25 13:38	1
Zinc	243		6.6	0.90	mg/Kg	☼	10/11/25 20:55	10/12/25 13:38	1

Method: SW846 7471B - Mercury (CVAA)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	0.12		0.017	0.0080	mg/Kg	☼	10/16/25 01:43	10/16/25 08:37	1

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Percent Moisture (EPA Moisture)	6.3		1.0	1.0	%			10/08/25 18:34	1
Percent Solids (EPA Moisture)	93.7		1.0	1.0	%			10/08/25 18:34	1

Client: Haley & Aldrich, Inc.
Project/Site: Former Port Mobil

Job ID: 460-336648-1

Client Sample ID: 45C_6-12
Date Collected: 10/07/25 16:10
Date Received: 10/07/25 17:15

Lab Sample ID: 460-336648-18
Matrix: Solid
Percent Solids: 90.9

Method: SW846 8270E - Semivolatile Organic Compounds (GC/MS)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1'-Biphenyl	0.36	U	0.36	0.013	mg/Kg	☼	10/08/25 20:51	10/09/25 14:29	1
1,2,4,5-Tetrachlorobenzene	0.36	U	0.36	0.011	mg/Kg	☼	10/08/25 20:51	10/09/25 14:29	1
1,4-Dioxane	0.036	U	0.036	0.031	mg/Kg	☼	10/08/25 20:51	10/09/25 14:29	1
2,2'-oxybis[1-chloropropane]	0.36	U	0.36	0.022	mg/Kg	☼	10/08/25 20:51	10/09/25 14:29	1
2,3,4,6-Tetrachlorophenol	0.36	U	0.36	0.024	mg/Kg	☼	10/08/25 20:51	10/09/25 14:29	1
2,4,5-Trichlorophenol	0.36	U	0.36	0.037	mg/Kg	☼	10/08/25 20:51	10/09/25 14:29	1
2,4,6-Trichlorophenol	0.14	U	0.14	0.046	mg/Kg	☼	10/08/25 20:51	10/09/25 14:29	1
2,4-Dichlorophenol	0.14	U	0.14	0.023	mg/Kg	☼	10/08/25 20:51	10/09/25 14:29	1
2,4-Dimethylphenol	0.36	U	0.36	0.043	mg/Kg	☼	10/08/25 20:51	10/09/25 14:29	1
2,4-Dinitrophenol	0.29	U	0.29	0.18	mg/Kg	☼	10/08/25 20:51	10/09/25 14:29	1
2,4-Dinitrotoluene	0.073	U	0.073	0.039	mg/Kg	☼	10/08/25 20:51	10/09/25 14:29	1
2,6-Dinitrotoluene	0.073	U	0.073	0.026	mg/Kg	☼	10/08/25 20:51	10/09/25 14:29	1
2-Chloronaphthalene	0.36	U	0.36	0.046	mg/Kg	☼	10/08/25 20:51	10/09/25 14:29	1
2-Chlorophenol	0.36	U	0.36	0.013	mg/Kg	☼	10/08/25 20:51	10/09/25 14:29	1
2-Methylnaphthalene	0.36	U	0.36	0.010	mg/Kg	☼	10/08/25 20:51	10/09/25 14:29	1
2-Methylphenol	0.36	U	0.36	0.013	mg/Kg	☼	10/08/25 20:51	10/09/25 14:29	1
2-Nitroaniline	0.36	U	0.36	0.027	mg/Kg	☼	10/08/25 20:51	10/09/25 14:29	1
2-Nitrophenol	0.36	U	0.36	0.036	mg/Kg	☼	10/08/25 20:51	10/09/25 14:29	1
3 & 4 Methylphenol	0.36	U	0.36	0.022	mg/Kg	☼	10/08/25 20:51	10/09/25 14:29	1
3,3'-Dichlorobenzidine	0.14	U	0.14	0.054	mg/Kg	☼	10/08/25 20:51	10/09/25 14:29	1
3-Nitroaniline	0.36	U	0.36	0.085	mg/Kg	☼	10/08/25 20:51	10/09/25 14:29	1
4,6-Dinitro-2-methylphenol	0.29	U	0.29	0.15	mg/Kg	☼	10/08/25 20:51	10/09/25 14:29	1
4-Bromophenyl phenyl ether	0.36	U	0.36	0.014	mg/Kg	☼	10/08/25 20:51	10/09/25 14:29	1
4-Chloro-3-methylphenol	0.36	U	0.36	0.020	mg/Kg	☼	10/08/25 20:51	10/09/25 14:29	1
4-Chloroaniline	0.36	U	0.36	0.064	mg/Kg	☼	10/08/25 20:51	10/09/25 14:29	1
4-Chlorophenyl phenyl ether	0.36	U	0.36	0.013	mg/Kg	☼	10/08/25 20:51	10/09/25 14:29	1
4-Methylphenol	0.36	U	0.36	0.023	mg/Kg	☼	10/08/25 20:51	10/09/25 14:29	1
4-Nitroaniline	0.36	U	0.36	0.091	mg/Kg	☼	10/08/25 20:51	10/09/25 14:29	1
4-Nitrophenol	0.73	U	0.73	0.059	mg/Kg	☼	10/08/25 20:51	10/09/25 14:29	1
Acenaphthene	0.36	U	0.36	0.010	mg/Kg	☼	10/08/25 20:51	10/09/25 14:29	1
Acenaphthylene	0.36	U	0.36	0.010	mg/Kg	☼	10/08/25 20:51	10/09/25 14:29	1
Acetophenone	0.36	U	0.36	0.018	mg/Kg	☼	10/08/25 20:51	10/09/25 14:29	1
Anthracene	0.36	U	0.36	0.011	mg/Kg	☼	10/08/25 20:51	10/09/25 14:29	1
Atrazine	0.14	U	0.14	0.021	mg/Kg	☼	10/08/25 20:51	10/09/25 14:29	1
Benzaldehyde	0.36	U	0.36	0.060	mg/Kg	☼	10/08/25 20:51	10/09/25 14:29	1
Benzo[a]anthracene	0.036	U	0.036	0.027	mg/Kg	☼	10/08/25 20:51	10/09/25 14:29	1
Benzo[a]pyrene	0.036	U	0.036	0.0096	mg/Kg	☼	10/08/25 20:51	10/09/25 14:29	1
Benzo[b]fluoranthene	0.036	U	0.036	0.0093	mg/Kg	☼	10/08/25 20:51	10/09/25 14:29	1
Benzo[g,h,i]perylene	0.36	U	0.36	0.011	mg/Kg	☼	10/08/25 20:51	10/09/25 14:29	1
Benzo[k]fluoranthene	0.036	U	0.036	0.0071	mg/Kg	☼	10/08/25 20:51	10/09/25 14:29	1
Bis(2-chloroethoxy)methane	0.36	U	0.36	0.067	mg/Kg	☼	10/08/25 20:51	10/09/25 14:29	1
Bis(2-chloroethyl)ether	0.036	U	0.036	0.013	mg/Kg	☼	10/08/25 20:51	10/09/25 14:29	1
Bis(2-ethylhexyl) phthalate	0.36	U	0.36	0.019	mg/Kg	☼	10/08/25 20:51	10/09/25 14:29	1
Butyl benzyl phthalate	0.36	U	0.36	0.017	mg/Kg	☼	10/08/25 20:51	10/09/25 14:29	1
Caprolactam	0.36	U	0.36	0.056	mg/Kg	☼	10/08/25 20:51	10/09/25 14:29	1
Carbazole	0.36	U	0.36	0.014	mg/Kg	☼	10/08/25 20:51	10/09/25 14:29	1
Chrysene	0.36	U	0.36	0.015	mg/Kg	☼	10/08/25 20:51	10/09/25 14:29	1
Dibenz(a,h)anthracene	0.036	U	0.036	0.016	mg/Kg	☼	10/08/25 20:51	10/09/25 14:29	1
Dibenzofuran	0.36	U	0.36	0.012	mg/Kg	☼	10/08/25 20:51	10/09/25 14:29	1

Client Sample ID: 45C_6-12
Date Collected: 10/07/25 16:10
Date Received: 10/07/25 17:15

Lab Sample ID: 460-336648-18
Matrix: Solid
Percent Solids: 90.9

Method: SW846 8270E - Semivolatile Organic Compounds (GC/MS) (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Diethyl phthalate	0.36	U	0.36	0.012	mg/Kg	☼	10/08/25 20:51	10/09/25 14:29	1
Dimethyl phthalate	0.36	U	0.36	0.082	mg/Kg	☼	10/08/25 20:51	10/09/25 14:29	1
Di-n-butyl phthalate	0.36	U	0.36	0.014	mg/Kg	☼	10/08/25 20:51	10/09/25 14:29	1
Di-n-octyl phthalate	0.36	U	0.36	0.019	mg/Kg	☼	10/08/25 20:51	10/09/25 14:29	1
Fluoranthene	0.36	U	0.36	0.013	mg/Kg	☼	10/08/25 20:51	10/09/25 14:29	1
Fluorene	0.36	U	0.36	0.011	mg/Kg	☼	10/08/25 20:51	10/09/25 14:29	1
Hexachlorobenzene	0.036	U	0.036	0.017	mg/Kg	☼	10/08/25 20:51	10/09/25 14:29	1
Hexachlorobutadiene	0.073	U	0.073	0.0077	mg/Kg	☼	10/08/25 20:51	10/09/25 14:29	1
Hexachlorocyclopentadiene	0.36	U	0.36	0.032	mg/Kg	☼	10/08/25 20:51	10/09/25 14:29	1
Hexachloroethane	0.036	U	0.036	0.012	mg/Kg	☼	10/08/25 20:51	10/09/25 14:29	1
Indeno[1,2,3-cd]pyrene	0.036	U	0.036	0.014	mg/Kg	☼	10/08/25 20:51	10/09/25 14:29	1
Isophorone	0.14	U	0.14	0.10	mg/Kg	☼	10/08/25 20:51	10/09/25 14:29	1
Naphthalene	0.36	U	0.36	0.0062	mg/Kg	☼	10/08/25 20:51	10/09/25 14:29	1
Nitrobenzene	0.036	U	0.036	0.020	mg/Kg	☼	10/08/25 20:51	10/09/25 14:29	1
N-Nitrosodi-n-propylamine	0.036	U	0.036	0.026	mg/Kg	☼	10/08/25 20:51	10/09/25 14:29	1
N-Nitrosodiphenylamine	0.36	U	0.36	0.030	mg/Kg	☼	10/08/25 20:51	10/09/25 14:29	1
Pentachlorophenol	0.29	U	0.29	0.074	mg/Kg	☼	10/08/25 20:51	10/09/25 14:29	1
Phenanthrene	0.36	U	0.36	0.015	mg/Kg	☼	10/08/25 20:51	10/09/25 14:29	1
Phenol	0.36	U	0.36	0.013	mg/Kg	☼	10/08/25 20:51	10/09/25 14:29	1
Pyrene	0.36	U	0.36	0.0090	mg/Kg	☼	10/08/25 20:51	10/09/25 14:29	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
2,4,6-Tribromophenol (Surr)	*57*		*18 - 137*	*10/08/25 20:51*	*10/09/25 14:29*	*1*
2-Fluorobiphenyl	*56*		*33 - 117*	*10/08/25 20:51*	*10/09/25 14:29*	*1*
2-Fluorophenol (Surr)	*62*		*24 - 120*	*10/08/25 20:51*	*10/09/25 14:29*	*1*
Nitrobenzene-d5 (Surr)	*58*		*27 - 120*	*10/08/25 20:51*	*10/09/25 14:29*	*1*
Phenol-d5 (Surr)	*58*		*28 - 118*	*10/08/25 20:51*	*10/09/25 14:29*	*1*
Terphenyl-d14 (Surr)	*57*		*33 - 124*	*10/08/25 20:51*	*10/09/25 14:29*	*1*

Method: SW846 8081B - Organochlorine Pesticides (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
4,4'-DDD	0.0074	U	0.0074	0.0013	mg/Kg	☼	10/08/25 16:51	10/09/25 19:09	1
4,4'-DDE	0.0074	U	0.0074	0.00087	mg/Kg	☼	10/08/25 16:51	10/09/25 19:09	1
4,4'-DDT	0.0074	U	0.0074	0.0014	mg/Kg	☼	10/08/25 16:51	10/09/25 19:09	1
Aldrin	0.0074	U	0.0074	0.0011	mg/Kg	☼	10/08/25 16:51	10/09/25 19:09	1
alpha-BHC	0.0022	U	0.0022	0.00075	mg/Kg	☼	10/08/25 16:51	10/09/25 19:09	1
beta-BHC	0.0022	U	0.0022	0.00083	mg/Kg	☼	10/08/25 16:51	10/09/25 19:09	1
Chlordane (technical)	0.074	U	0.074	0.018	mg/Kg	☼	10/08/25 16:51	10/09/25 19:09	1
cis-Chlordane	0.0074	U	0.0074	0.0012	mg/Kg	☼	10/08/25 16:51	10/09/25 19:09	1
delta-BHC	0.0022	U	0.0022	0.00045	mg/Kg	☼	10/08/25 16:51	10/09/25 19:09	1
Dieldrin	0.0022	U	0.0022	0.00096	mg/Kg	☼	10/08/25 16:51	10/09/25 19:09	1
Endosulfan I	0.0074	U	0.0074	0.0011	mg/Kg	☼	10/08/25 16:51	10/09/25 19:09	1
Endosulfan II	0.0074	U	0.0074	0.0019	mg/Kg	☼	10/08/25 16:51	10/09/25 19:09	1
Endosulfan sulfate	0.0074	U	0.0074	0.00092	mg/Kg	☼	10/08/25 16:51	10/09/25 19:09	1
Endrin	0.0074	U	0.0074	0.0011	mg/Kg	☼	10/08/25 16:51	10/09/25 19:09	1
Endrin aldehyde	0.0074	U	0.0074	0.0017	mg/Kg	☼	10/08/25 16:51	10/09/25 19:09	1
Endrin ketone	0.0074	U	0.0074	0.0014	mg/Kg	☼	10/08/25 16:51	10/09/25 19:09	1
gamma-BHC (Lindane)	0.0022	U	0.0022	0.00068	mg/Kg	☼	10/08/25 16:51	10/09/25 19:09	1
Heptachlor	0.0074	U	0.0074	0.00087	mg/Kg	☼	10/08/25 16:51	10/09/25 19:09	1
Heptachlor epoxide	0.0074	U	0.0074	0.0011	mg/Kg	☼	10/08/25 16:51	10/09/25 19:09	1

Client Sample ID: 45C_6-12
Date Collected: 10/07/25 16:10
Date Received: 10/07/25 17:15

Lab Sample ID: 460-336648-18
Matrix: Solid
Percent Solids: 90.9

Method: SW846 8081B - Organochlorine Pesticides (GC) (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Methoxychlor	0.0074	U	0.0074	0.0017	mg/Kg	☼	10/08/25 16:51	10/09/25 19:09	1
Toxaphene	0.074	U	0.074	0.027	mg/Kg	☼	10/08/25 16:51	10/09/25 19:09	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
DCB Decachlorobiphenyl	*94*		*10 - 150*	*10/08/25 16:51*	*10/09/25 19:09*	*1*
DCB Decachlorobiphenyl	*114*		*10 - 150*	*10/08/25 16:51*	*10/09/25 19:09*	*1*
Tetrachloro-m-xylene	*96*		*14 - 150*	*10/08/25 16:51*	*10/09/25 19:09*	*1*
Tetrachloro-m-xylene	*94*		*14 - 150*	*10/08/25 16:51*	*10/09/25 19:09*	*1*

Method: SW846 8082A - Polychlorinated Biphenyls (PCBs) by Gas Chromatography

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Aroclor 1016	0.074	U	0.074	0.020	mg/Kg	☼	10/08/25 16:43	10/09/25 21:01	1
Aroclor 1221	0.074	U	0.074	0.020	mg/Kg	☼	10/08/25 16:43	10/09/25 21:01	1
Aroclor 1232	0.074	U	0.074	0.020	mg/Kg	☼	10/08/25 16:43	10/09/25 21:01	1
Aroclor 1242	0.074	U	0.074	0.020	mg/Kg	☼	10/08/25 16:43	10/09/25 21:01	1
Aroclor 1248	0.074	U	0.074	0.020	mg/Kg	☼	10/08/25 16:43	10/09/25 21:01	1
Aroclor 1254	0.074	U	0.074	0.020	mg/Kg	☼	10/08/25 16:43	10/09/25 21:01	1
Aroclor 1260	0.074	U	0.074	0.020	mg/Kg	☼	10/08/25 16:43	10/09/25 21:01	1
Aroclor-1262	0.074	U	0.074	0.020	mg/Kg	☼	10/08/25 16:43	10/09/25 21:01	1
Aroclor 1268	0.074	U	0.074	0.020	mg/Kg	☼	10/08/25 16:43	10/09/25 21:01	1
Polychlorinated biphenyls, Total	0.074	U	0.074	0.020	mg/Kg	☼	10/08/25 16:43	10/09/25 21:01	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
DCB Decachlorobiphenyl	*123*		*10 - 150*	*10/08/25 16:43*	*10/09/25 21:01*	*1*
DCB Decachlorobiphenyl	*146*		*10 - 150*	*10/08/25 16:43*	*10/09/25 21:01*	*1*
Tetrachloro-m-xylene	*124*		*10 - 150*	*10/08/25 16:43*	*10/09/25 21:01*	*1*
Tetrachloro-m-xylene	*122*		*10 - 150*	*10/08/25 16:43*	*10/09/25 21:01*	*1*

Method: EPA 1633A - Per- and Polyfluoroalkyl Substances by LC/MS/MS, 1633A

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Perfluorobutanoic acid (PFBA)	0.40	U	0.40	0.10	ug/Kg	☼	10/09/25 14:16	10/10/25 20:54	1
Perfluoropentanoic acid (PFPeA)	0.20	U	0.20	0.10	ug/Kg	☼	10/09/25 14:16	10/10/25 20:54	1
Perfluorohexanoic acid (PFHxA)	0.20	U	0.20	0.10	ug/Kg	☼	10/09/25 14:16	10/10/25 20:54	1
Perfluoroheptanoic acid (PFHpA)	0.20	U	0.20	0.10	ug/Kg	☼	10/09/25 14:16	10/10/25 20:54	1
Perfluorooctanoic acid (PFOA)	**0.067**	**J**	0.20	0.060	ug/Kg	☼	10/09/25 14:16	10/10/25 20:54	1
Perfluorononanoic acid (PFNA)	**0.40**		0.20	0.10	ug/Kg	☼	10/09/25 14:16	10/10/25 20:54	1
Perfluorodecanoic acid (PFDA)	**0.52**		0.20	0.060	ug/Kg	☼	10/09/25 14:16	10/10/25 20:54	1
Perfluoroundecanoic acid (PFUnA)	**1.30**		0.20	0.10	ug/Kg	☼	10/09/25 14:16	10/10/25 20:54	1
Perfluorododecanoic acid (PFDoA)	**0.24**		0.20	0.10	ug/Kg	☼	10/09/25 14:16	10/10/25 20:54	1
Perfluorotridecanoic acid (PFTrDA)	**0.87**		0.20	0.10	ug/Kg	☼	10/09/25 14:16	10/10/25 20:54	1
Perfluorotetradecanoic acid (PFTeDA)	0.20	U	0.20	0.10	ug/Kg	☼	10/09/25 14:16	10/10/25 20:54	1
Perfluorobutanesulfonic acid (PFBS)	0.20	U	0.20	0.10	ug/Kg	☼	10/09/25 14:16	10/10/25 20:54	1
Perfluoropentanesulfonic acid (PFPeS)	0.20	U	0.20	0.10	ug/Kg	☼	10/09/25 14:16	10/10/25 20:54	1
Perfluorohexanesulfonic acid (PFHxS)	0.20	U	0.20	0.10	ug/Kg	☼	10/09/25 14:16	10/10/25 20:54	1
Perfluoroheptanesulfonic acid (PFHpS)	0.20	U	0.20	0.10	ug/Kg	☼	10/09/25 14:16	10/10/25 20:54	1
Perfluorooctanesulfonic acid (PFOS)	0.20	U	0.20	0.10	ug/Kg	☼	10/09/25 14:16	10/10/25 20:54	1
Perfluorononanesulfonic acid (PFNS)	0.20	U	0.20	0.10	ug/Kg	☼	10/09/25 14:16	10/10/25 20:54	1

Client Sample ID: 45C_6-12
Date Collected: 10/07/25 16:10
Date Received: 10/07/25 17:15

Lab Sample ID: 460-336648-18
Matrix: Solid
Percent Solids: 90.9

Method: EPA 1633A - Per- and Polyfluoroalkyl Substances by LC/MS/MS, 1633A (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Perfluorodecanesulfonic acid (PFDS)	0.20	U	0.20	0.10	ug/Kg	☼	10/09/25 14:16	10/10/25 20:54	1
Perfluorododecanesulfonic acid (PFDoS)	0.20	U	0.20	0.10	ug/Kg	☼	10/09/25 14:16	10/10/25 20:54	1
1H,1H,2H,2H-Perfluorohexane sulfonic acid (4:2 FTS)	0.40	U	0.40	0.20	ug/Kg	☼	10/09/25 14:16	10/10/25 20:54	1
1H,1H,2H,2H-Perfluorooctane sulfonic acid (6:2 FTS)	0.40	U	0.40	0.20	ug/Kg	☼	10/09/25 14:16	10/10/25 20:54	1
1H,1H,2H,2H-Perfluorodecane sulfonic acid (8:2 FTS)	**0.24**	**J**	0.40	0.20	ug/Kg	☼	10/09/25 14:16	10/10/25 20:54	1
Perfluorooctanesulfonamide (PFOSA)	0.20	U	0.20	0.10	ug/Kg	☼	10/09/25 14:16	10/10/25 20:54	1
N-methylperfluorooctane sulfonamide (NMeFOSA)	0.20	U	0.20	0.10	ug/Kg	☼	10/09/25 14:16	10/10/25 20:54	1
N-ethylperfluorooctane sulfonamide (NEtFOSA)	0.20	U	0.20	0.10	ug/Kg	☼	10/09/25 14:16	10/10/25 20:54	1
N-methylperfluorooctanesulfonamidoacetic acid (NMeFOSAA)	0.20	U	0.20	0.10	ug/Kg	☼	10/09/25 14:16	10/10/25 20:54	1
N-ethylperfluorooctanesulfonamidoacetic acid (NEtFOSAA)	0.20	U	0.20	0.10	ug/Kg	☼	10/09/25 14:16	10/10/25 20:54	1
N-methylperfluorooctane sulfonamidoethanol (NMeFOSE)	1.00	U	1.00	0.50	ug/Kg	☼	10/09/25 14:16	10/10/25 20:54	1
N-ethylperfluorooctane sulfonamidoethanol (NEtFOSE)	1.00	U	1.00	0.50	ug/Kg	☼	10/09/25 14:16	10/10/25 20:54	1
Hexafluoropropylene Oxide Dimer Acid (HFPO-DA)	0.20	U	0.20	0.10	ug/Kg	☼	10/09/25 14:16	10/10/25 20:54	1
4,8-Dioxa-3H-perfluorononanoic acid (ADONA)	0.20	U	0.20	0.10	ug/Kg	☼	10/09/25 14:16	10/10/25 20:54	1
Perfluoro-3-methoxypropanoic acid (PFMPA)	0.20	U	0.20	0.10	ug/Kg	☼	10/09/25 14:16	10/10/25 20:54	1
Perfluoro-4-methoxybutanoic acid (PFMBA)	0.20	U	0.20	0.10	ug/Kg	☼	10/09/25 14:16	10/10/25 20:54	1
Nonafluoro-3,6-dioxaheptanoic acid (NFDHA)	0.20	U	0.20	0.10	ug/Kg	☼	10/09/25 14:16	10/10/25 20:54	1
9-Chlorohexadecafluoro-3-oxanonane-1-sulfonic acid (9Cl-PF3ONS)	0.20	U	0.20	0.10	ug/Kg	☼	10/09/25 14:16	10/10/25 20:54	1
11-Chloroeicosafluoro-3-oxaundecane-1-sulfonic acid (11Cl-PF3OUdS)	0.20	U	0.20	0.10	ug/Kg	☼	10/09/25 14:16	10/10/25 20:54	1
Perfluoro (2-ethoxyethane) sulfonic acid (PFEESA)	0.20	U	0.20	0.10	ug/Kg	☼	10/09/25 14:16	10/10/25 20:54	1
3-Perfluoropropylpropanoic acid (3:3 FTCA)	0.40	U	0.40	0.20	ug/Kg	☼	10/09/25 14:16	10/10/25 20:54	1
3-Perfluoropentylpropanoic acid (5:3 FTCA)	1.00	U	1.00	0.50	ug/Kg	☼	10/09/25 14:16	10/10/25 20:54	1
3-Perfluoroheptylpropanoic acid (7:3 FTCA)	1.00	U	1.00	0.50	ug/Kg	☼	10/09/25 14:16	10/10/25 20:54	1

Isotope Dilution	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
13C4 PFBA	*89.0*		*8 - 130*	*10/09/25 14:16*	*10/10/25 20:54*	*1*
13C5 PFPeA	*95.4*		*35 - 130*	*10/09/25 14:16*	*10/10/25 20:54*	*1*
13C5 PFHxA	*85.2*		*40 - 130*	*10/09/25 14:16*	*10/10/25 20:54*	*1*
13C4 PFHpA	*98.8*		*40 - 130*	*10/09/25 14:16*	*10/10/25 20:54*	*1*
13C8 PFOA	*88.4*		*40 - 130*	*10/09/25 14:16*	*10/10/25 20:54*	*1*
13C9 PFNA	*86.6*		*40 - 130*	*10/09/25 14:16*	*10/10/25 20:54*	*1*
13C6 PFDA	*84.8*		*40 - 130*	*10/09/25 14:16*	*10/10/25 20:54*	*1*
13C7 PFUnA	*73.8*		*40 - 130*	*10/09/25 14:16*	*10/10/25 20:54*	*1*
13C2 PFTeDA	*57.5*		*20 - 130*	*10/09/25 14:16*	*10/10/25 20:54*	*1*

Client Sample ID: 45C_6-12
Date Collected: 10/07/25 16:10
Date Received: 10/07/25 17:15

Lab Sample ID: 460-336648-18
Matrix: Solid
Percent Solids: 90.9

Method: EPA 1633A - Per- and Polyfluoroalkyl Substances by LC/MS/MS, 1633A (Continued)

Isotope Dilution	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
13C3 PFBS	84.1		40 - 135	10/09/25 14:16	10/10/25 20:54	1
13C3 PFHxS	83.8		40 - 130	10/09/25 14:16	10/10/25 20:54	1
13C8 PFOS	85.3		40 - 130	10/09/25 14:16	10/10/25 20:54	1
13C8 FOSA	73.4		40 - 130	10/09/25 14:16	10/10/25 20:54	1
d3-NMeFOSAA	59.2		40 - 135	10/09/25 14:16	10/10/25 20:54	1
d5-NEtFOSAA	61.7		40 - 150	10/09/25 14:16	10/10/25 20:54	1
13C2 4:2 FTS	86.7		40 - 165	10/09/25 14:16	10/10/25 20:54	1
13C2 6:2 FTS	80.0		40 - 215	10/09/25 14:16	10/10/25 20:54	1
13C2 8:2 FTS	68.1		40 - 275	10/09/25 14:16	10/10/25 20:54	1
13C3 HFPO-DA	98.6		40 - 130	10/09/25 14:16	10/10/25 20:54	1
d7-N-MeFOSE-M	34.3		20 - 130	10/09/25 14:16	10/10/25 20:54	1
d9-N-EtFOSE-M	29.6		15 - 130	10/09/25 14:16	10/10/25 20:54	1
d5-NEtPFOSA	60.2		10 - 130	10/09/25 14:16	10/10/25 20:54	1
d3-NMePFOSA	66.8		10 - 130	10/09/25 14:16	10/10/25 20:54	1
13C2 PFDoA	70.5		40 - 130	10/09/25 14:16	10/10/25 20:54	1

Method: SW846 6020B - Metals (ICP/MS)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Aluminum	6070		17.2	4.7	mg/Kg	☼	10/11/25 20:55	10/12/25 13:41	1
Antimony	3.0		0.86	0.13	mg/Kg	☼	10/11/25 20:55	10/12/25 13:41	1
Arsenic	10.1		0.86	0.089	mg/Kg	☼	10/11/25 20:55	10/12/25 13:41	1
Barium	34.0		1.7	0.12	mg/Kg	☼	10/11/25 20:55	10/12/25 13:41	1
Beryllium	0.57		0.34	0.019	mg/Kg	☼	10/11/25 20:55	10/12/25 13:41	1
Cadmium	0.19	J	0.86	0.097	mg/Kg	☼	10/11/25 20:55	10/12/25 13:41	1
Calcium	1510		86.0	8.4	mg/Kg	☼	10/11/25 20:55	10/12/25 13:41	1
Chromium	25.5		1.7	0.26	mg/Kg	☼	10/11/25 20:55	10/12/25 13:41	1
Cobalt	5.1		0.86	0.13	mg/Kg	☼	10/11/25 20:55	10/12/25 13:41	1
Copper	40.5		1.7	0.32	mg/Kg	☼	10/11/25 20:55	10/12/25 13:41	1
Iron	19800		51.6	6.6	mg/Kg	☼	10/11/25 20:55	10/12/25 13:41	1
Lead	81.7		0.52	0.17	mg/Kg	☼	10/11/25 20:55	10/12/25 13:41	1
Magnesium	2070		86.0	8.8	mg/Kg	☼	10/11/25 20:55	10/12/25 13:41	1
Manganese	162		3.4	0.35	mg/Kg	☼	10/11/25 20:55	10/12/25 13:41	1
Nickel	11.0		1.7	0.15	mg/Kg	☼	10/11/25 20:55	10/12/25 13:41	1
Potassium	1400		86.0	13.9	mg/Kg	☼	10/11/25 20:55	10/12/25 13:41	1
Selenium	0.30	J	1.1	0.11	mg/Kg	☼	10/11/25 20:55	10/12/25 13:41	1
Silver	0.30	J	0.34	0.077	mg/Kg	☼	10/11/25 20:55	10/12/25 13:41	1
Sodium	48.8	J	86.0	39.3	mg/Kg	☼	10/11/25 20:55	10/12/25 13:41	1
Thallium	0.067	J	0.34	0.035	mg/Kg	☼	10/11/25 20:55	10/12/25 13:41	1
Vanadium	25.8		1.7	0.18	mg/Kg	☼	10/11/25 20:55	10/12/25 13:41	1
Zinc	66.0		6.9	0.94	mg/Kg	☼	10/11/25 20:55	10/12/25 13:41	1

Method: SW846 7471B - Mercury (CVAA)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	0.026		0.018	0.0087	mg/Kg	☼	10/16/25 01:43	10/16/25 08:46	1

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Percent Moisture (EPA Moisture)	9.1		1.0	1.0	%			10/08/25 18:34	1
Percent Solids (EPA Moisture)	90.9		1.0	1.0	%			10/08/25 18:34	1

Client: Haley & Aldrich, Inc.
Project/Site: Former Port Mobil

Job ID: 460-336648-1

Client Sample ID: 49A_0-5
Date Collected: 10/07/25 16:25
Date Received: 10/07/25 17:15

Lab Sample ID: 460-336648-19
Matrix: Solid
Percent Solids: 94.6

Method: SW846 8270E - Semivolatile Organic Compounds (GC/MS)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1'-Biphenyl	0.35	U	0.35	0.012	mg/Kg	☼	10/08/25 20:51	10/09/25 14:47	1
1,2,4,5-Tetrachlorobenzene	0.35	U	0.35	0.011	mg/Kg	☼	10/08/25 20:51	10/09/25 14:47	1
1,4-Dioxane	0.035	U	0.035	0.030	mg/Kg	☼	10/08/25 20:51	10/09/25 14:47	1
2,2'-oxybis[1-chloropropane]	0.35	U	0.35	0.021	mg/Kg	☼	10/08/25 20:51	10/09/25 14:47	1
2,3,4,6-Tetrachlorophenol	0.35	U	0.35	0.024	mg/Kg	☼	10/08/25 20:51	10/09/25 14:47	1
2,4,5-Trichlorophenol	0.35	U	0.35	0.036	mg/Kg	☼	10/08/25 20:51	10/09/25 14:47	1
2,4,6-Trichlorophenol	0.14	U	0.14	0.045	mg/Kg	☼	10/08/25 20:51	10/09/25 14:47	1
2,4-Dichlorophenol	0.14	U	0.14	0.022	mg/Kg	☼	10/08/25 20:51	10/09/25 14:47	1
2,4-Dimethylphenol	0.35	U	0.35	0.042	mg/Kg	☼	10/08/25 20:51	10/09/25 14:47	1
2,4-Dinitrophenol	0.28	U	0.28	0.17	mg/Kg	☼	10/08/25 20:51	10/09/25 14:47	1
2,4-Dinitrotoluene	0.071	U	0.071	0.038	mg/Kg	☼	10/08/25 20:51	10/09/25 14:47	1
2,6-Dinitrotoluene	0.071	U	0.071	0.025	mg/Kg	☼	10/08/25 20:51	10/09/25 14:47	1
2-Chloronaphthalene	0.35	U	0.35	0.045	mg/Kg	☼	10/08/25 20:51	10/09/25 14:47	1
2-Chlorophenol	0.35	U	0.35	0.012	mg/Kg	☼	10/08/25 20:51	10/09/25 14:47	1
2-Methylnaphthalene	0.35	U	0.35	0.0098	mg/Kg	☼	10/08/25 20:51	10/09/25 14:47	1
2-Methylphenol	0.35	U	0.35	0.013	mg/Kg	☼	10/08/25 20:51	10/09/25 14:47	1
2-Nitroaniline	0.35	U	0.35	0.027	mg/Kg	☼	10/08/25 20:51	10/09/25 14:47	1
2-Nitrophenol	0.35	U	0.35	0.035	mg/Kg	☼	10/08/25 20:51	10/09/25 14:47	1
3 & 4 Methylphenol	0.35	U	0.35	0.022	mg/Kg	☼	10/08/25 20:51	10/09/25 14:47	1
3,3'-Dichlorobenzidine	0.14	U	0.14	0.053	mg/Kg	☼	10/08/25 20:51	10/09/25 14:47	1
3-Nitroaniline	0.35	U	0.35	0.083	mg/Kg	☼	10/08/25 20:51	10/09/25 14:47	1
4,6-Dinitro-2-methylphenol	0.28	U	0.28	0.14	mg/Kg	☼	10/08/25 20:51	10/09/25 14:47	1
4-Bromophenyl phenyl ether	0.35	U	0.35	0.014	mg/Kg	☼	10/08/25 20:51	10/09/25 14:47	1
4-Chloro-3-methylphenol	0.35	U	0.35	0.020	mg/Kg	☼	10/08/25 20:51	10/09/25 14:47	1
4-Chloroaniline	0.35	U	0.35	0.062	mg/Kg	☼	10/08/25 20:51	10/09/25 14:47	1
4-Chlorophenyl phenyl ether	0.35	U	0.35	0.012	mg/Kg	☼	10/08/25 20:51	10/09/25 14:47	1
4-Methylphenol	0.35	U	0.35	0.022	mg/Kg	☼	10/08/25 20:51	10/09/25 14:47	1
4-Nitroaniline	0.35	U	0.35	0.089	mg/Kg	☼	10/08/25 20:51	10/09/25 14:47	1
4-Nitrophenol	0.71	U	0.71	0.057	mg/Kg	☼	10/08/25 20:51	10/09/25 14:47	1
Acenaphthene	0.35	U	0.35	0.0099	mg/Kg	☼	10/08/25 20:51	10/09/25 14:47	1
Acenaphthylene	0.35	U	0.35	0.010	mg/Kg	☼	10/08/25 20:51	10/09/25 14:47	1
Acetophenone	0.35	U	0.35	0.017	mg/Kg	☼	10/08/25 20:51	10/09/25 14:47	1
Anthracene	0.35	U	0.35	0.011	mg/Kg	☼	10/08/25 20:51	10/09/25 14:47	1
Atrazine	0.14	U	0.14	0.021	mg/Kg	☼	10/08/25 20:51	10/09/25 14:47	1
Benzaldehyde	0.35	U	0.35	0.058	mg/Kg	☼	10/08/25 20:51	10/09/25 14:47	1
Benzo[a]anthracene	0.035	U	0.035	0.026	mg/Kg	☼	10/08/25 20:51	10/09/25 14:47	1
Benzo[a]pyrene	0.035	U	0.035	0.0093	mg/Kg	☼	10/08/25 20:51	10/09/25 14:47	1
Benzo[b]fluoranthene	0.035	U	0.035	0.0090	mg/Kg	☼	10/08/25 20:51	10/09/25 14:47	1
Benzo[g,h,i]perylene	0.35	U	0.35	0.010	mg/Kg	☼	10/08/25 20:51	10/09/25 14:47	1
Benzo[k]fluoranthene	0.035	U	0.035	0.0068	mg/Kg	☼	10/08/25 20:51	10/09/25 14:47	1
Bis(2-chloroethoxy)methane	0.35	U	0.35	0.064	mg/Kg	☼	10/08/25 20:51	10/09/25 14:47	1
Bis(2-chloroethyl)ether	0.035	U	0.035	0.012	mg/Kg	☼	10/08/25 20:51	10/09/25 14:47	1
Bis(2-ethylhexyl) phthalate	0.35	U	0.35	0.018	mg/Kg	☼	10/08/25 20:51	10/09/25 14:47	1
Butyl benzyl phthalate	0.35	U	0.35	0.016	mg/Kg	☼	10/08/25 20:51	10/09/25 14:47	1
Caprolactam	0.35	U	0.35	0.054	mg/Kg	☼	10/08/25 20:51	10/09/25 14:47	1
Carbazole	0.35	U	0.35	0.013	mg/Kg	☼	10/08/25 20:51	10/09/25 14:47	1
Chrysene	0.35	U	0.35	0.015	mg/Kg	☼	10/08/25 20:51	10/09/25 14:47	1
Dibenz(a,h)anthracene	0.035	U	0.035	0.015	mg/Kg	☼	10/08/25 20:51	10/09/25 14:47	1
Dibenzofuran	0.35	U	0.35	0.012	mg/Kg	☼	10/08/25 20:51	10/09/25 14:47	1

Client Sample ID: 49A_0-5
Date Collected: 10/07/25 16:25
Date Received: 10/07/25 17:15

Lab Sample ID: 460-336648-19
Matrix: Solid
Percent Solids: 94.6

Method: SW846 8270E - Semivolatile Organic Compounds (GC/MS) (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Diethyl phthalate	0.35	U	0.35	0.011	mg/Kg	☼	10/08/25 20:51	10/09/25 14:47	1
Dimethyl phthalate	0.35	U	0.35	0.079	mg/Kg	☼	10/08/25 20:51	10/09/25 14:47	1
Di-n-butyl phthalate	0.35	U	0.35	0.013	mg/Kg	☼	10/08/25 20:51	10/09/25 14:47	1
Di-n-octyl phthalate	0.35	U	0.35	0.018	mg/Kg	☼	10/08/25 20:51	10/09/25 14:47	1
Fluoranthene	0.35	U	0.35	0.012	mg/Kg	☼	10/08/25 20:51	10/09/25 14:47	1
Fluorene	0.35	U	0.35	0.010	mg/Kg	☼	10/08/25 20:51	10/09/25 14:47	1
Hexachlorobenzene	0.035	U	0.035	0.017	mg/Kg	☼	10/08/25 20:51	10/09/25 14:47	1
Hexachlorobutadiene	0.071	U	0.071	0.0074	mg/Kg	☼	10/08/25 20:51	10/09/25 14:47	1
Hexachlorocyclopentadiene	0.35	U	0.35	0.031	mg/Kg	☼	10/08/25 20:51	10/09/25 14:47	1
Hexachloroethane	0.035	U	0.035	0.012	mg/Kg	☼	10/08/25 20:51	10/09/25 14:47	1
Indeno[1,2,3-cd]pyrene	0.035	U	0.035	0.014	mg/Kg	☼	10/08/25 20:51	10/09/25 14:47	1
Isophorone	0.14	U	0.14	0.10	mg/Kg	☼	10/08/25 20:51	10/09/25 14:47	1
Naphthalene	0.35	U	0.35	0.0060	mg/Kg	☼	10/08/25 20:51	10/09/25 14:47	1
Nitrobenzene	0.035	U	0.035	0.019	mg/Kg	☼	10/08/25 20:51	10/09/25 14:47	1
N-Nitrosodi-n-propylamine	0.035	U	0.035	0.025	mg/Kg	☼	10/08/25 20:51	10/09/25 14:47	1
N-Nitrosodiphenylamine	0.35	U	0.35	0.029	mg/Kg	☼	10/08/25 20:51	10/09/25 14:47	1
Pentachlorophenol	0.28	U	0.28	0.072	mg/Kg	☼	10/08/25 20:51	10/09/25 14:47	1
Phenanthrene	0.35	U	0.35	0.014	mg/Kg	☼	10/08/25 20:51	10/09/25 14:47	1
Phenol	0.35	U	0.35	0.013	mg/Kg	☼	10/08/25 20:51	10/09/25 14:47	1
Pyrene	0.35	U	0.35	0.0087	mg/Kg	☼	10/08/25 20:51	10/09/25 14:47	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
2,4,6-Tribromophenol (Surr)	*58*		*18 - 137*	*10/08/25 20:51*	*10/09/25 14:47*	*1*
2-Fluorobiphenyl	*59*		*33 - 117*	*10/08/25 20:51*	*10/09/25 14:47*	*1*
2-Fluorophenol (Surr)	*65*		*24 - 120*	*10/08/25 20:51*	*10/09/25 14:47*	*1*
Nitrobenzene-d5 (Surr)	*61*		*27 - 120*	*10/08/25 20:51*	*10/09/25 14:47*	*1*
Phenol-d5 (Surr)	*60*		*28 - 118*	*10/08/25 20:51*	*10/09/25 14:47*	*1*
Terphenyl-d14 (Surr)	*60*		*33 - 124*	*10/08/25 20:51*	*10/09/25 14:47*	*1*

Method: SW846 8081B - Organochlorine Pesticides (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
4,4'-DDD	0.0071	U	0.0071	0.0012	mg/Kg	☼	10/08/25 16:51	10/09/25 19:21	1
4,4'-DDE	0.0071	U	0.0071	0.00083	mg/Kg	☼	10/08/25 16:51	10/09/25 19:21	1
4,4'-DDT	0.0071	U	0.0071	0.0013	mg/Kg	☼	10/08/25 16:51	10/09/25 19:21	1
Aldrin	0.0071	U	0.0071	0.0011	mg/Kg	☼	10/08/25 16:51	10/09/25 19:21	1
alpha-BHC	0.0021	U	0.0021	0.00072	mg/Kg	☼	10/08/25 16:51	10/09/25 19:21	1
beta-BHC	0.0021	U	0.0021	0.00079	mg/Kg	☼	10/08/25 16:51	10/09/25 19:21	1
Chlordane (technical)	0.071	U	0.071	0.017	mg/Kg	☼	10/08/25 16:51	10/09/25 19:21	1
cis-Chlordane	0.0071	U	0.0071	0.0011	mg/Kg	☼	10/08/25 16:51	10/09/25 19:21	1
delta-BHC	0.0021	U	0.0021	0.00043	mg/Kg	☼	10/08/25 16:51	10/09/25 19:21	1
Dieldrin	0.0021	U	0.0021	0.00092	mg/Kg	☼	10/08/25 16:51	10/09/25 19:21	1
Endosulfan I	0.0071	U	0.0071	0.0011	mg/Kg	☼	10/08/25 16:51	10/09/25 19:21	1
Endosulfan II	0.0071	U	0.0071	0.0018	mg/Kg	☼	10/08/25 16:51	10/09/25 19:21	1
Endosulfan sulfate	0.0071	U	0.0071	0.00089	mg/Kg	☼	10/08/25 16:51	10/09/25 19:21	1
Endrin	0.0071	U	0.0071	0.0010	mg/Kg	☼	10/08/25 16:51	10/09/25 19:21	1
Endrin aldehyde	0.0071	U	0.0071	0.0017	mg/Kg	☼	10/08/25 16:51	10/09/25 19:21	1
Endrin ketone	0.0071	U	0.0071	0.0014	mg/Kg	☼	10/08/25 16:51	10/09/25 19:21	1
gamma-BHC (Lindane)	0.0021	U	0.0021	0.00066	mg/Kg	☼	10/08/25 16:51	10/09/25 19:21	1
Heptachlor	0.0071	U	0.0071	0.00083	mg/Kg	☼	10/08/25 16:51	10/09/25 19:21	1
Heptachlor epoxide	0.0071	U	0.0071	0.0011	mg/Kg	☼	10/08/25 16:51	10/09/25 19:21	1

Client Sample ID: 49A_0-5
Date Collected: 10/07/25 16:25
Date Received: 10/07/25 17:15

Lab Sample ID: 460-336648-19
Matrix: Solid
Percent Solids: 94.6

Method: SW846 8081B - Organochlorine Pesticides (GC) (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Methoxychlor	0.0071	U	0.0071	0.0016	mg/Kg	☼	10/08/25 16:51	10/09/25 19:21	1
Toxaphene	0.071	U	0.071	0.026	mg/Kg	☼	10/08/25 16:51	10/09/25 19:21	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
DCB Decachlorobiphenyl	*96*		*10 - 150*	*10/08/25 16:51*	*10/09/25 19:21*	*1*
DCB Decachlorobiphenyl	*120*		*10 - 150*	*10/08/25 16:51*	*10/09/25 19:21*	*1*
Tetrachloro-m-xylene	*98*		*14 - 150*	*10/08/25 16:51*	*10/09/25 19:21*	*1*
Tetrachloro-m-xylene	*98*		*14 - 150*	*10/08/25 16:51*	*10/09/25 19:21*	*1*

Method: SW846 8082A - Polychlorinated Biphenyls (PCBs) by Gas Chromatography

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Aroclor 1016	0.071	U	0.071	0.019	mg/Kg	☼	10/08/25 16:43	10/09/25 21:24	1
Aroclor 1221	0.071	U	0.071	0.019	mg/Kg	☼	10/08/25 16:43	10/09/25 21:24	1
Aroclor 1232	0.071	U	0.071	0.019	mg/Kg	☼	10/08/25 16:43	10/09/25 21:24	1
Aroclor 1242	0.071	U	0.071	0.019	mg/Kg	☼	10/08/25 16:43	10/09/25 21:24	1
Aroclor 1248	0.071	U	0.071	0.019	mg/Kg	☼	10/08/25 16:43	10/09/25 21:24	1
Aroclor 1254	0.071	U	0.071	0.019	mg/Kg	☼	10/08/25 16:43	10/09/25 21:24	1
Aroclor 1260	0.071	U	0.071	0.019	mg/Kg	☼	10/08/25 16:43	10/09/25 21:24	1
Aroclor-1262	0.071	U	0.071	0.019	mg/Kg	☼	10/08/25 16:43	10/09/25 21:24	1
Aroclor 1268	0.071	U	0.071	0.019	mg/Kg	☼	10/08/25 16:43	10/09/25 21:24	1
Polychlorinated biphenyls, Total	0.071	U	0.071	0.019	mg/Kg	☼	10/08/25 16:43	10/09/25 21:24	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
DCB Decachlorobiphenyl	*125*		*10 - 150*	*10/08/25 16:43*	*10/09/25 21:24*	*1*
DCB Decachlorobiphenyl	*147*		*10 - 150*	*10/08/25 16:43*	*10/09/25 21:24*	*1*
Tetrachloro-m-xylene	*126*		*10 - 150*	*10/08/25 16:43*	*10/09/25 21:24*	*1*
Tetrachloro-m-xylene	*122*		*10 - 150*	*10/08/25 16:43*	*10/09/25 21:24*	*1*

Method: EPA 1633A - Per- and Polyfluoroalkyl Substances by LC/MS/MS, 1633A

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Perfluorobutanoic acid (PFBA)	0.40	U	0.40	0.10	ug/Kg	☼	10/09/25 14:14	10/10/25 15:26	1
Perfluoropentanoic acid (PFPeA)	0.20	U	0.20	0.10	ug/Kg	☼	10/09/25 14:14	10/10/25 15:26	1
Perfluorohexanoic acid (PFHxA)	0.20	U	0.20	0.10	ug/Kg	☼	10/09/25 14:14	10/10/25 15:26	1
Perfluoroheptanoic acid (PFHpA)	0.20	U	0.20	0.10	ug/Kg	☼	10/09/25 14:14	10/10/25 15:26	1
Perfluorooctanoic acid (PFOA)	0.20	U	0.20	0.060	ug/Kg	☼	10/09/25 14:14	10/10/25 15:26	1
Perfluorononanoic acid (PFNA)	**0.20**		0.20	0.10	ug/Kg	☼	10/09/25 14:14	10/10/25 15:26	1
Perfluorodecanoic acid (PFDA)	**0.42**		0.20	0.060	ug/Kg	☼	10/09/25 14:14	10/10/25 15:26	1
Perfluoroundecanoic acid (PFUnA)	**2.13**		0.20	0.10	ug/Kg	☼	10/09/25 14:14	10/10/25 15:26	1
Perfluorododecanoic acid (PFDoA)	**0.43**		0.20	0.10	ug/Kg	☼	10/09/25 14:14	10/10/25 15:26	1
Perfluorotridecanoic acid (PFTrDA)	**1.23**		0.20	0.10	ug/Kg	☼	10/09/25 14:14	10/10/25 15:26	1
Perfluorotetradecanoic acid (PFTeDA)	0.20	U	0.20	0.10	ug/Kg	☼	10/09/25 14:14	10/10/25 15:26	1
Perfluorobutanesulfonic acid (PFBS)	0.20	U	0.20	0.10	ug/Kg	☼	10/09/25 14:14	10/10/25 15:26	1
Perfluoropentanesulfonic acid (PFPeS)	0.20	U	0.20	0.10	ug/Kg	☼	10/09/25 14:14	10/10/25 15:26	1
Perfluorohexanesulfonic acid (PFHxS)	0.20	U	0.20	0.10	ug/Kg	☼	10/09/25 14:14	10/10/25 15:26	1
Perfluoroheptanesulfonic acid (PFHpS)	0.20	U	0.20	0.10	ug/Kg	☼	10/09/25 14:14	10/10/25 15:26	1
Perfluorooctanesulfonic acid (PFOS)	0.20	U	0.20	0.10	ug/Kg	☼	10/09/25 14:14	10/10/25 15:26	1
Perfluorononanesulfonic acid (PFNS)	0.20	U	0.20	0.10	ug/Kg	☼	10/09/25 14:14	10/10/25 15:26	1

Client Sample ID: 49A_0-5
Date Collected: 10/07/25 16:25
Date Received: 10/07/25 17:15

Lab Sample ID: 460-336648-19
Matrix: Solid
Percent Solids: 94.6

Method: EPA 1633A - Per- and Polyfluoroalkyl Substances by LC/MS/MS, 1633A (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Perfluorodecanesulfonic acid (PFDS)	0.20	U	0.20	0.10	ug/Kg	☼	10/09/25 14:14	10/10/25 15:26	1
Perfluorododecanesulfonic acid (PFDoS)	0.20	U	0.20	0.10	ug/Kg	☼	10/09/25 14:14	10/10/25 15:26	1
1H,1H,2H,2H-Perfluorohexane sulfonic acid (4:2 FTS)	0.40	U	0.40	0.20	ug/Kg	☼	10/09/25 14:14	10/10/25 15:26	1
1H,1H,2H,2H-Perfluorooctane sulfonic acid (6:2 FTS)	0.40	U	0.40	0.20	ug/Kg	☼	10/09/25 14:14	10/10/25 15:26	1
1H,1H,2H,2H-Perfluorodecane sulfonic acid (8:2 FTS)	0.40	U	0.40	0.20	ug/Kg	☼	10/09/25 14:14	10/10/25 15:26	1
Perfluorooctanesulfonamide (PFOSA)	0.20	U	0.20	0.10	ug/Kg	☼	10/09/25 14:14	10/10/25 15:26	1
N-methylperfluorooctane sulfonamide (NMeFOSA)	0.20	U	0.20	0.10	ug/Kg	☼	10/09/25 14:14	10/10/25 15:26	1
N-ethylperfluorooctane sulfonamide (NEtFOSA)	0.20	U	0.20	0.10	ug/Kg	☼	10/09/25 14:14	10/10/25 15:26	1
N-methylperfluorooctanesulfonamidoacetic acid (NMeFOSAA)	0.20	U	0.20	0.10	ug/Kg	☼	10/09/25 14:14	10/10/25 15:26	1
N-ethylperfluorooctanesulfonamidoacetic acid (NEtFOSAA)	0.20	U	0.20	0.10	ug/Kg	☼	10/09/25 14:14	10/10/25 15:26	1
N-methylperfluorooctane sulfonamidoethanol (NMeFOSE)	1.00	U	1.00	0.50	ug/Kg	☼	10/09/25 14:14	10/10/25 15:26	1
N-ethylperfluorooctane sulfonamidoethanol (NEtFOSE)	1.00	U	1.00	0.50	ug/Kg	☼	10/09/25 14:14	10/10/25 15:26	1
Hexafluoropropylene Oxide Dimer Acid (HFPO-DA)	0.20	U	0.20	0.10	ug/Kg	☼	10/09/25 14:14	10/10/25 15:26	1
4,8-Dioxa-3H-perfluorononanoic acid (ADONA)	0.20	U	0.20	0.10	ug/Kg	☼	10/09/25 14:14	10/10/25 15:26	1
Perfluoro-3-methoxypropanoic acid (PFMPA)	0.20	U	0.20	0.10	ug/Kg	☼	10/09/25 14:14	10/10/25 15:26	1
Perfluoro-4-methoxybutanoic acid (PFMBA)	0.20	U	0.20	0.10	ug/Kg	☼	10/09/25 14:14	10/10/25 15:26	1
Nonafluoro-3,6-dioxaheptanoic acid (NFDHA)	0.20	U	0.20	0.10	ug/Kg	☼	10/09/25 14:14	10/10/25 15:26	1
9-Chlorohexadecafluoro-3-oxanonane-1-sulfonic acid (9Cl-PF3ONS)	0.20	U	0.20	0.10	ug/Kg	☼	10/09/25 14:14	10/10/25 15:26	1
11-Chloroeicosafluoro-3-oxaundecane-1-sulfonic acid (11Cl-PF3OUdS)	0.20	U	0.20	0.10	ug/Kg	☼	10/09/25 14:14	10/10/25 15:26	1
Perfluoro (2-ethoxyethane) sulfonic acid (PFEESA)	0.20	U	0.20	0.10	ug/Kg	☼	10/09/25 14:14	10/10/25 15:26	1
3-Perfluoropropylpropanoic acid (3:3 FTCA)	0.40	U	0.40	0.20	ug/Kg	☼	10/09/25 14:14	10/10/25 15:26	1
3-Perfluoropentylpropanoic acid (5:3 FTCA)	1.00	U	1.00	0.50	ug/Kg	☼	10/09/25 14:14	10/10/25 15:26	1
3-Perfluoroheptylpropanoic acid (7:3 FTCA)	1.00	U	1.00	0.50	ug/Kg	☼	10/09/25 14:14	10/10/25 15:26	1

Isotope Dilution	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
13C4 PFBA	*75.7*		*8 - 130*	*10/09/25 14:14*	*10/10/25 15:26*	*1*
13C5 PFPeA	*73.0*		*35 - 130*	*10/09/25 14:14*	*10/10/25 15:26*	*1*
13C5 PFHxA	*72.7*		*40 - 130*	*10/09/25 14:14*	*10/10/25 15:26*	*1*
13C4 PFHpA	*73.4*		*40 - 130*	*10/09/25 14:14*	*10/10/25 15:26*	*1*
13C8 PFOA	*69.2*		*40 - 130*	*10/09/25 14:14*	*10/10/25 15:26*	*1*
13C9 PFNA	*64.9*		*40 - 130*	*10/09/25 14:14*	*10/10/25 15:26*	*1*
13C6 PFDA	*59.4*		*40 - 130*	*10/09/25 14:14*	*10/10/25 15:26*	*1*
13C7 PFUnA	*54.9*		*40 - 130*	*10/09/25 14:14*	*10/10/25 15:26*	*1*
13C2 PFTeDA	*38.6*		*20 - 130*	*10/09/25 14:14*	*10/10/25 15:26*	*1*

Client Sample ID: 49A_0-5
Date Collected: 10/07/25 16:25
Date Received: 10/07/25 17:15

Lab Sample ID: 460-336648-19
Matrix: Solid
Percent Solids: 94.6

Method: EPA 1633A - Per- and Polyfluoroalkyl Substances by LC/MS/MS, 1633A (Continued)

Isotope Dilution	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
13C3 PFBS	66.6		40 - 135	10/09/25 14:14	10/10/25 15:26	1
13C3 PFHxS	65.5		40 - 130	10/09/25 14:14	10/10/25 15:26	1
13C8 PFOS	61.6		40 - 130	10/09/25 14:14	10/10/25 15:26	1
13C8 FOSA	62.2		40 - 130	10/09/25 14:14	10/10/25 15:26	1
d3-NMeFOSAA	49.6		40 - 135	10/09/25 14:14	10/10/25 15:26	1
d5-NEtFOSAA	56.6		40 - 150	10/09/25 14:14	10/10/25 15:26	1
13C2 4:2 FTS	74.1		40 - 165	10/09/25 14:14	10/10/25 15:26	1
13C2 6:2 FTS	69.1		40 - 215	10/09/25 14:14	10/10/25 15:26	1
13C2 8:2 FTS	56.7		40 - 275	10/09/25 14:14	10/10/25 15:26	1
13C3 HFPO-DA	74.7		40 - 130	10/09/25 14:14	10/10/25 15:26	1
d7-N-MeFOSE-M	37.9		20 - 130	10/09/25 14:14	10/10/25 15:26	1
d9-N-EtFOSE-M	34.1		15 - 130	10/09/25 14:14	10/10/25 15:26	1
d5-NEtPFOSA	44.9		10 - 130	10/09/25 14:14	10/10/25 15:26	1
d3-NMePFOSA	49.4		10 - 130	10/09/25 14:14	10/10/25 15:26	1
13C2 PFDoA	49.3		40 - 130	10/09/25 14:14	10/10/25 15:26	1

Method: SW846 6020B - Metals (ICP/MS)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Aluminum	5760		16.0	4.4	mg/Kg	☼	10/11/25 20:55	10/12/25 13:44	1
Antimony	2.9		0.80	0.12	mg/Kg	☼	10/11/25 20:55	10/12/25 13:44	1
Arsenic	9.7		0.80	0.082	mg/Kg	☼	10/11/25 20:55	10/12/25 13:44	1
Barium	27.8		1.6	0.12	mg/Kg	☼	10/11/25 20:55	10/12/25 13:44	1
Beryllium	0.50		0.32	0.018	mg/Kg	☼	10/11/25 20:55	10/12/25 13:44	1
Cadmium	0.16	J	0.80	0.090	mg/Kg	☼	10/11/25 20:55	10/12/25 13:44	1
Calcium	846		80.1	7.8	mg/Kg	☼	10/11/25 20:55	10/12/25 13:44	1
Chromium	15.4		1.6	0.24	mg/Kg	☼	10/11/25 20:55	10/12/25 13:44	1
Cobalt	4.6		0.80	0.12	mg/Kg	☼	10/11/25 20:55	10/12/25 13:44	1
Copper	45.7		1.6	0.29	mg/Kg	☼	10/11/25 20:55	10/12/25 13:44	1
Iron	19900		48.0	6.1	mg/Kg	☼	10/11/25 20:55	10/12/25 13:44	1
Lead	102		0.48	0.16	mg/Kg	☼	10/11/25 20:55	10/12/25 13:44	1
Magnesium	1590		80.1	8.2	mg/Kg	☼	10/11/25 20:55	10/12/25 13:44	1
Manganese	137		3.2	0.32	mg/Kg	☼	10/11/25 20:55	10/12/25 13:44	1
Nickel	15.5		1.6	0.14	mg/Kg	☼	10/11/25 20:55	10/12/25 13:44	1
Potassium	1230		80.1	13.0	mg/Kg	☼	10/11/25 20:55	10/12/25 13:44	1
Selenium	0.38	J	1.0	0.10	mg/Kg	☼	10/11/25 20:55	10/12/25 13:44	1
Silver	0.36		0.32	0.071	mg/Kg	☼	10/11/25 20:55	10/12/25 13:44	1
Sodium	45.2	J	80.1	36.6	mg/Kg	☼	10/11/25 20:55	10/12/25 13:44	1
Thallium	0.059	J	0.32	0.033	mg/Kg	☼	10/11/25 20:55	10/12/25 13:44	1
Vanadium	28.2		1.6	0.16	mg/Kg	☼	10/11/25 20:55	10/12/25 13:44	1
Zinc	111		6.4	0.87	mg/Kg	☼	10/11/25 20:55	10/12/25 13:44	1

Method: SW846 7471B - Mercury (CVAA)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	0.023		0.017	0.0082	mg/Kg	☼	10/16/25 01:43	10/16/25 08:49	1

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Percent Moisture (EPA Moisture)	5.4		1.0	1.0	%			10/08/25 18:34	1
Percent Solids (EPA Moisture)	94.6		1.0	1.0	%			10/08/25 18:34	1

Client: Haley & Aldrich, Inc.
Project/Site: Former Port Mobil

Job ID: 460-336648-1

Client Sample ID: 49A_5-10
Date Collected: 10/07/25 14:30
Date Received: 10/07/25 17:15

Lab Sample ID: 460-336648-20
Matrix: Solid
Percent Solids: 97.2

Method: SW846 8270E - Semivolatile Organic Compounds (GC/MS)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1'-Biphenyl	0.34	U	0.34	0.012	mg/Kg	☼	10/08/25 20:51	10/09/25 15:04	1
1,2,4,5-Tetrachlorobenzene	0.34	U	0.34	0.011	mg/Kg	☼	10/08/25 20:51	10/09/25 15:04	1
1,4-Dioxane	0.034	U	0.034	0.030	mg/Kg	☼	10/08/25 20:51	10/09/25 15:04	1
2,2'-oxybis[1-chloropropane]	0.34	U	0.34	0.020	mg/Kg	☼	10/08/25 20:51	10/09/25 15:04	1
2,3,4,6-Tetrachlorophenol	0.34	U	0.34	0.023	mg/Kg	☼	10/08/25 20:51	10/09/25 15:04	1
2,4,5-Trichlorophenol	0.34	U	0.34	0.034	mg/Kg	☼	10/08/25 20:51	10/09/25 15:04	1
2,4,6-Trichlorophenol	0.14	U	0.14	0.043	mg/Kg	☼	10/08/25 20:51	10/09/25 15:04	1
2,4-Dichlorophenol	0.14	U	0.14	0.022	mg/Kg	☼	10/08/25 20:51	10/09/25 15:04	1
2,4-Dimethylphenol	0.34	U	0.34	0.040	mg/Kg	☼	10/08/25 20:51	10/09/25 15:04	1
2,4-Dinitrophenol	0.27	U	0.27	0.17	mg/Kg	☼	10/08/25 20:51	10/09/25 15:04	1
2,4-Dinitrotoluene	0.068	U	0.068	0.036	mg/Kg	☼	10/08/25 20:51	10/09/25 15:04	1
2,6-Dinitrotoluene	0.068	U	0.068	0.024	mg/Kg	☼	10/08/25 20:51	10/09/25 15:04	1
2-Chloronaphthalene	0.34	U	0.34	0.043	mg/Kg	☼	10/08/25 20:51	10/09/25 15:04	1
2-Chlorophenol	0.34	U	0.34	0.012	mg/Kg	☼	10/08/25 20:51	10/09/25 15:04	1
2-Methylnaphthalene	0.34	U	0.34	0.0095	mg/Kg	☼	10/08/25 20:51	10/09/25 15:04	1
2-Methylphenol	0.34	U	0.34	0.013	mg/Kg	☼	10/08/25 20:51	10/09/25 15:04	1
2-Nitroaniline	0.34	U	0.34	0.026	mg/Kg	☼	10/08/25 20:51	10/09/25 15:04	1
2-Nitrophenol	0.34	U	0.34	0.034	mg/Kg	☼	10/08/25 20:51	10/09/25 15:04	1
3 & 4 Methylphenol	0.34	U	0.34	0.021	mg/Kg	☼	10/08/25 20:51	10/09/25 15:04	1
3,3'-Dichlorobenzidine	0.14	U	0.14	0.051	mg/Kg	☼	10/08/25 20:51	10/09/25 15:04	1
3-Nitroaniline	0.34	U	0.34	0.080	mg/Kg	☼	10/08/25 20:51	10/09/25 15:04	1
4,6-Dinitro-2-methylphenol	0.27	U	0.27	0.14	mg/Kg	☼	10/08/25 20:51	10/09/25 15:04	1
4-Bromophenyl phenyl ether	0.34	U	0.34	0.013	mg/Kg	☼	10/08/25 20:51	10/09/25 15:04	1
4-Chloro-3-methylphenol	0.34	U	0.34	0.019	mg/Kg	☼	10/08/25 20:51	10/09/25 15:04	1
4-Chloroaniline	0.34	U	0.34	0.060	mg/Kg	☼	10/08/25 20:51	10/09/25 15:04	1
4-Chlorophenyl phenyl ether	0.34	U	0.34	0.012	mg/Kg	☼	10/08/25 20:51	10/09/25 15:04	1
4-Methylphenol	0.34	U	0.34	0.021	mg/Kg	☼	10/08/25 20:51	10/09/25 15:04	1
4-Nitroaniline	0.34	U	0.34	0.086	mg/Kg	☼	10/08/25 20:51	10/09/25 15:04	1
4-Nitrophenol	0.68	U	0.68	0.055	mg/Kg	☼	10/08/25 20:51	10/09/25 15:04	1
Acenaphthene	0.34	U	0.34	0.0096	mg/Kg	☼	10/08/25 20:51	10/09/25 15:04	1
Acenaphthylene	0.34	U	0.34	0.0097	mg/Kg	☼	10/08/25 20:51	10/09/25 15:04	1
Acetophenone	0.34	U	0.34	0.017	mg/Kg	☼	10/08/25 20:51	10/09/25 15:04	1
Anthracene	0.34	U	0.34	0.010	mg/Kg	☼	10/08/25 20:51	10/09/25 15:04	1
Atrazine	0.14	U	0.14	0.020	mg/Kg	☼	10/08/25 20:51	10/09/25 15:04	1
Benzaldehyde	0.34	U	0.34	0.056	mg/Kg	☼	10/08/25 20:51	10/09/25 15:04	1
Benzo[a]anthracene	0.034	U	0.034	0.025	mg/Kg	☼	10/08/25 20:51	10/09/25 15:04	1
Benzo[a]pyrene	0.034	U	0.034	0.0090	mg/Kg	☼	10/08/25 20:51	10/09/25 15:04	1
Benzo[b]fluoranthene	0.034	U	0.034	0.0087	mg/Kg	☼	10/08/25 20:51	10/09/25 15:04	1
Benzo[g,h,i]perylene	0.34	U	0.34	0.010	mg/Kg	☼	10/08/25 20:51	10/09/25 15:04	1
Benzo[k]fluoranthene	0.034	U	0.034	0.0066	mg/Kg	☼	10/08/25 20:51	10/09/25 15:04	1
Bis(2-chloroethoxy)methane	0.34	U	0.34	0.062	mg/Kg	☼	10/08/25 20:51	10/09/25 15:04	1
Bis(2-chloroethyl)ether	0.034	U	0.034	0.012	mg/Kg	☼	10/08/25 20:51	10/09/25 15:04	1
Bis(2-ethylhexyl) phthalate	0.34	U	0.34	0.018	mg/Kg	☼	10/08/25 20:51	10/09/25 15:04	1
Butyl benzyl phthalate	0.34	U	0.34	0.016	mg/Kg	☼	10/08/25 20:51	10/09/25 15:04	1
Caprolactam	0.34	U	0.34	0.053	mg/Kg	☼	10/08/25 20:51	10/09/25 15:04	1
Carbazole	0.34	U	0.34	0.013	mg/Kg	☼	10/08/25 20:51	10/09/25 15:04	1
Chrysene	0.34	U	0.34	0.014	mg/Kg	☼	10/08/25 20:51	10/09/25 15:04	1
Dibenz(a,h)anthracene	0.034	U	0.034	0.015	mg/Kg	☼	10/08/25 20:51	10/09/25 15:04	1
Dibenzofuran	0.34	U	0.34	0.011	mg/Kg	☼	10/08/25 20:51	10/09/25 15:04	1

Client Sample ID: 49A_5-10
Date Collected: 10/07/25 14:30
Date Received: 10/07/25 17:15

Lab Sample ID: 460-336648-20
Matrix: Solid
Percent Solids: 97.2

Method: SW846 8270E - Semivolatile Organic Compounds (GC/MS) (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Diethyl phthalate	0.34	U	0.34	0.011	mg/Kg	☼	10/08/25 20:51	10/09/25 15:04	1
Dimethyl phthalate	0.34	U	0.34	0.077	mg/Kg	☼	10/08/25 20:51	10/09/25 15:04	1
Di-n-butyl phthalate	0.34	U	0.34	0.013	mg/Kg	☼	10/08/25 20:51	10/09/25 15:04	1
Di-n-octyl phthalate	0.34	U	0.34	0.018	mg/Kg	☼	10/08/25 20:51	10/09/25 15:04	1
Fluoranthene	0.34	U	0.34	0.012	mg/Kg	☼	10/08/25 20:51	10/09/25 15:04	1
Fluorene	0.34	U	0.34	0.0099	mg/Kg	☼	10/08/25 20:51	10/09/25 15:04	1
Hexachlorobenzene	0.034	U	0.034	0.016	mg/Kg	☼	10/08/25 20:51	10/09/25 15:04	1
Hexachlorobutadiene	0.068	U	0.068	0.0072	mg/Kg	☼	10/08/25 20:51	10/09/25 15:04	1
Hexachlorocyclopentadiene	0.34	U	0.34	0.030	mg/Kg	☼	10/08/25 20:51	10/09/25 15:04	1
Hexachloroethane	0.034	U	0.034	0.012	mg/Kg	☼	10/08/25 20:51	10/09/25 15:04	1
Indeno[1,2,3-cd]pyrene	0.034	U	0.034	0.013	mg/Kg	☼	10/08/25 20:51	10/09/25 15:04	1
Isophorone	0.14	U	0.14	0.098	mg/Kg	☼	10/08/25 20:51	10/09/25 15:04	1
Naphthalene	0.34	U	0.34	0.0058	mg/Kg	☼	10/08/25 20:51	10/09/25 15:04	1
Nitrobenzene	0.034	U	0.034	0.019	mg/Kg	☼	10/08/25 20:51	10/09/25 15:04	1
N-Nitrosodi-n-propylamine	0.034	U	0.034	0.025	mg/Kg	☼	10/08/25 20:51	10/09/25 15:04	1
N-Nitrosodiphenylamine	0.34	U	0.34	0.028	mg/Kg	☼	10/08/25 20:51	10/09/25 15:04	1
Pentachlorophenol	0.27	U	0.27	0.069	mg/Kg	☼	10/08/25 20:51	10/09/25 15:04	1
Phenanthrene	0.34	U	0.34	0.014	mg/Kg	☼	10/08/25 20:51	10/09/25 15:04	1
Phenol	0.34	U	0.34	0.012	mg/Kg	☼	10/08/25 20:51	10/09/25 15:04	1
Pyrene	0.34	U	0.34	0.0084	mg/Kg	☼	10/08/25 20:51	10/09/25 15:04	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
2,4,6-Tribromophenol (Surr)	*56*		*18 - 137*	*10/08/25 20:51*	*10/09/25 15:04*	*1*
2-Fluorobiphenyl	*55*		*33 - 117*	*10/08/25 20:51*	*10/09/25 15:04*	*1*
2-Fluorophenol (Surr)	*61*		*24 - 120*	*10/08/25 20:51*	*10/09/25 15:04*	*1*
Nitrobenzene-d5 (Surr)	*57*		*27 - 120*	*10/08/25 20:51*	*10/09/25 15:04*	*1*
Phenol-d5 (Surr)	*58*		*28 - 118*	*10/08/25 20:51*	*10/09/25 15:04*	*1*
Terphenyl-d14 (Surr)	*56*		*33 - 124*	*10/08/25 20:51*	*10/09/25 15:04*	*1*

Method: SW846 8081B - Organochlorine Pesticides (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
4,4'-DDD	0.0069	U	0.0069	0.0012	mg/Kg	☼	10/08/25 16:51	10/09/25 19:34	1
4,4'-DDE	0.0069	U	0.0069	0.00081	mg/Kg	☼	10/08/25 16:51	10/09/25 19:34	1
4,4'-DDT	0.0069	U	0.0069	0.0013	mg/Kg	☼	10/08/25 16:51	10/09/25 19:34	1
Aldrin	0.0069	U	0.0069	0.0010	mg/Kg	☼	10/08/25 16:51	10/09/25 19:34	1
alpha-BHC	0.0021	U	0.0021	0.00070	mg/Kg	☼	10/08/25 16:51	10/09/25 19:34	1
beta-BHC	0.0021	U	0.0021	0.00077	mg/Kg	☼	10/08/25 16:51	10/09/25 19:34	1
Chlordane (technical)	0.069	U	0.069	0.017	mg/Kg	☼	10/08/25 16:51	10/09/25 19:34	1
cis-Chlordane	0.0069	U	0.0069	0.0011	mg/Kg	☼	10/08/25 16:51	10/09/25 19:34	1
delta-BHC	0.0021	U	0.0021	0.00042	mg/Kg	☼	10/08/25 16:51	10/09/25 19:34	1
Dieldrin	0.0021	U	0.0021	0.00090	mg/Kg	☼	10/08/25 16:51	10/09/25 19:34	1
Endosulfan I	0.0069	U	0.0069	0.0010	mg/Kg	☼	10/08/25 16:51	10/09/25 19:34	1
Endosulfan II	0.0069	U	0.0069	0.0018	mg/Kg	☼	10/08/25 16:51	10/09/25 19:34	1
Endosulfan sulfate	0.0069	U	0.0069	0.00086	mg/Kg	☼	10/08/25 16:51	10/09/25 19:34	1
Endrin	0.0069	U	0.0069	0.00099	mg/Kg	☼	10/08/25 16:51	10/09/25 19:34	1
Endrin aldehyde	0.0069	U	0.0069	0.0016	mg/Kg	☼	10/08/25 16:51	10/09/25 19:34	1
Endrin ketone	0.0069	U	0.0069	0.0013	mg/Kg	☼	10/08/25 16:51	10/09/25 19:34	1
gamma-BHC (Lindane)	0.0021	U	0.0021	0.00064	mg/Kg	☼	10/08/25 16:51	10/09/25 19:34	1
Heptachlor	0.0069	U	0.0069	0.00081	mg/Kg	☼	10/08/25 16:51	10/09/25 19:34	1
Heptachlor epoxide	0.0069	U	0.0069	0.0010	mg/Kg	☼	10/08/25 16:51	10/09/25 19:34	1

Client Sample ID: 49A_5-10
Date Collected: 10/07/25 14:30
Date Received: 10/07/25 17:15

Lab Sample ID: 460-336648-20
Matrix: Solid
Percent Solids: 97.2

Method: SW846 8081B - Organochlorine Pesticides (GC) (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Methoxychlor	0.0069	U	0.0069	0.0016	mg/Kg	☼	10/08/25 16:51	10/09/25 19:34	1
Toxaphene	0.069	U	0.069	0.025	mg/Kg	☼	10/08/25 16:51	10/09/25 19:34	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
DCB Decachlorobiphenyl	*107*		*10 - 150*	*10/08/25 16:51*	*10/09/25 19:34*	*1*
DCB Decachlorobiphenyl	*130*		*10 - 150*	*10/08/25 16:51*	*10/09/25 19:34*	*1*
Tetrachloro-m-xylene	*105*		*14 - 150*	*10/08/25 16:51*	*10/09/25 19:34*	*1*
Tetrachloro-m-xylene	*104*		*14 - 150*	*10/08/25 16:51*	*10/09/25 19:34*	*1*

Method: SW846 8082A - Polychlorinated Biphenyls (PCBs) by Gas Chromatography

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Aroclor 1016	0.069	U	0.069	0.018	mg/Kg	☼	10/08/25 16:43	10/09/25 21:46	1
Aroclor 1221	0.069	U	0.069	0.018	mg/Kg	☼	10/08/25 16:43	10/09/25 21:46	1
Aroclor 1232	0.069	U	0.069	0.018	mg/Kg	☼	10/08/25 16:43	10/09/25 21:46	1
Aroclor 1242	0.069	U	0.069	0.018	mg/Kg	☼	10/08/25 16:43	10/09/25 21:46	1
Aroclor 1248	0.069	U	0.069	0.018	mg/Kg	☼	10/08/25 16:43	10/09/25 21:46	1
Aroclor 1254	0.069	U	0.069	0.018	mg/Kg	☼	10/08/25 16:43	10/09/25 21:46	1
Aroclor 1260	0.069	U	0.069	0.018	mg/Kg	☼	10/08/25 16:43	10/09/25 21:46	1
Aroclor-1262	0.069	U	0.069	0.018	mg/Kg	☼	10/08/25 16:43	10/09/25 21:46	1
Aroclor 1268	0.069	U	0.069	0.018	mg/Kg	☼	10/08/25 16:43	10/09/25 21:46	1
Polychlorinated biphenyls, Total	0.069	U	0.069	0.018	mg/Kg	☼	10/08/25 16:43	10/09/25 21:46	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
DCB Decachlorobiphenyl	*132*		*10 - 150*	*10/08/25 16:43*	*10/09/25 21:46*	*1*
DCB Decachlorobiphenyl	*155*	*	*10 - 150*	*10/08/25 16:43*	*10/09/25 21:46*	*1*
Tetrachloro-m-xylene	*134*		*10 - 150*	*10/08/25 16:43*	*10/09/25 21:46*	*1*
Tetrachloro-m-xylene	*130*		*10 - 150*	*10/08/25 16:43*	*10/09/25 21:46*	*1*

Method: EPA 1633A - Per- and Polyfluoroalkyl Substances by LC/MS/MS, 1633A

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Perfluorobutanoic acid (PFBA)	0.39	U	0.39	0.098	ug/Kg	☼	10/09/25 14:14	10/10/25 15:39	1
Perfluoropentanoic acid (PFPeA)	0.20	U	0.20	0.098	ug/Kg	☼	10/09/25 14:14	10/10/25 15:39	1
Perfluorohexanoic acid (PFHxA)	0.20	U	0.20	0.098	ug/Kg	☼	10/09/25 14:14	10/10/25 15:39	1
Perfluoroheptanoic acid (PFHpA)	0.20	U	0.20	0.098	ug/Kg	☼	10/09/25 14:14	10/10/25 15:39	1
Perfluorooctanoic acid (PFOA)	0.20	U	0.20	0.059	ug/Kg	☼	10/09/25 14:14	10/10/25 15:39	1
Perfluorononanoic acid (PFNA)	0.25	U	0.25	0.25	ug/Kg	☼	10/09/25 14:14	10/10/25 15:39	1
Perfluorodecanoic acid (PFDA)	**0.20**		0.20	0.059	ug/Kg	☼	10/09/25 14:14	10/10/25 15:39	1
Perfluoroundecanoic acid (PFUnA)	**1.18**		0.20	0.098	ug/Kg	☼	10/09/25 14:14	10/10/25 15:39	1
Perfluorododecanoic acid (PFDoA)	**0.55**		0.20	0.098	ug/Kg	☼	10/09/25 14:14	10/10/25 15:39	1
Perfluorotridecanoic acid (PFTrDA)	**3.07**		0.20	0.098	ug/Kg	☼	10/09/25 14:14	10/10/25 15:39	1
Perfluorotetradecanoic acid (PFTeDA)	**0.23**		0.20	0.098	ug/Kg	☼	10/09/25 14:14	10/10/25 15:39	1
Perfluorobutanesulfonic acid (PFBS)	0.20	U	0.20	0.098	ug/Kg	☼	10/09/25 14:14	10/10/25 15:39	1
Perfluoropentanesulfonic acid (PFPeS)	0.20	U	0.20	0.098	ug/Kg	☼	10/09/25 14:14	10/10/25 15:39	1
Perfluorohexanesulfonic acid (PFHxS)	0.20	U	0.20	0.098	ug/Kg	☼	10/09/25 14:14	10/10/25 15:39	1
Perfluoroheptanesulfonic acid (PFHpS)	0.20	U	0.20	0.098	ug/Kg	☼	10/09/25 14:14	10/10/25 15:39	1
Perfluorooctanesulfonic acid (PFOS)	0.20	U	0.20	0.098	ug/Kg	☼	10/09/25 14:14	10/10/25 15:39	1

Client Sample ID: 49A_5-10
Date Collected: 10/07/25 14:30
Date Received: 10/07/25 17:15

Lab Sample ID: 460-336648-20
Matrix: Solid
Percent Solids: 97.2

Method: EPA 1633A - Per- and Polyfluoroalkyl Substances by LC/MS/MS, 1633A (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Perfluorononanesulfonic acid (PFNS)	0.20	U	0.20	0.098	ug/Kg	☼	10/09/25 14:14	10/10/25 15:39	1
Perfluorodecanesulfonic acid (PFDS)	0.20	U	0.20	0.098	ug/Kg	☼	10/09/25 14:14	10/10/25 15:39	1
Perfluorododecanesulfonic acid (PFDoS)	0.20	U	0.20	0.098	ug/Kg	☼	10/09/25 14:14	10/10/25 15:39	1
1H,1H,2H,2H-Perfluorohexane sulfonic acid (4:2 FTS)	0.39	U	0.39	0.20	ug/Kg	☼	10/09/25 14:14	10/10/25 15:39	1
1H,1H,2H,2H-Perfluorooctane sulfonic acid (6:2 FTS)	0.39	U	0.39	0.20	ug/Kg	☼	10/09/25 14:14	10/10/25 15:39	1
1H,1H,2H,2H-Perfluorodecane sulfonic acid (8:2 FTS)	0.39	U	0.39	0.20	ug/Kg	☼	10/09/25 14:14	10/10/25 15:39	1
Perfluorooctanesulfonamide (PFOSA)	0.20	U	0.20	0.098	ug/Kg	☼	10/09/25 14:14	10/10/25 15:39	1
N-methylperfluorooctane sulfonamide (NMeFOSA)	0.20	U	0.20	0.098	ug/Kg	☼	10/09/25 14:14	10/10/25 15:39	1
N-ethylperfluorooctane sulfonamide (NEtFOSA)	0.20	U	0.20	0.098	ug/Kg	☼	10/09/25 14:14	10/10/25 15:39	1
N-methylperfluorooctanesulfonamidoacetic acid (NMeFOSAA)	0.20	U	0.20	0.098	ug/Kg	☼	10/09/25 14:14	10/10/25 15:39	1
N-ethylperfluorooctanesulfonamidoacetic acid (NEtFOSAA)	0.20	U	0.20	0.098	ug/Kg	☼	10/09/25 14:14	10/10/25 15:39	1
N-methylperfluorooctane sulfonamidoethanol (NMeFOSE)	0.98	U	0.98	0.49	ug/Kg	☼	10/09/25 14:14	10/10/25 15:39	1
N-ethylperfluorooctane sulfonamidoethanol (NEtFOSE)	0.98	U	0.98	0.49	ug/Kg	☼	10/09/25 14:14	10/10/25 15:39	1
Hexafluoropropylene Oxide Dimer Acid (HFPO-DA)	0.20	U	0.20	0.098	ug/Kg	☼	10/09/25 14:14	10/10/25 15:39	1
4,8-Dioxa-3H-perfluorononanoic acid (ADONA)	0.20	U	0.20	0.098	ug/Kg	☼	10/09/25 14:14	10/10/25 15:39	1
Perfluoro-3-methoxypropanoic acid (PFMPA)	0.20	U	0.20	0.098	ug/Kg	☼	10/09/25 14:14	10/10/25 15:39	1
Perfluoro-4-methoxybutanoic acid (PFMBA)	0.20	U	0.20	0.098	ug/Kg	☼	10/09/25 14:14	10/10/25 15:39	1
Nonafluoro-3,6-dioxaheptanoic acid (NFDHA)	0.20	U	0.20	0.098	ug/Kg	☼	10/09/25 14:14	10/10/25 15:39	1
9-Chlorohexadecafluoro-3-oxanonane-1-sulfonic acid (9Cl-PF3ONS)	0.20	U	0.20	0.098	ug/Kg	☼	10/09/25 14:14	10/10/25 15:39	1
11-Chloroeicosafluoro-3-oxaundecane-1-sulfonic acid (11Cl-PF3OUdS)	0.20	U	0.20	0.098	ug/Kg	☼	10/09/25 14:14	10/10/25 15:39	1
Perfluoro (2-ethoxyethane) sulfonic acid (PFEESA)	0.20	U	0.20	0.098	ug/Kg	☼	10/09/25 14:14	10/10/25 15:39	1
3-Perfluoropropylpropanoic acid (3:3 FTCA)	0.39	U	0.39	0.20	ug/Kg	☼	10/09/25 14:14	10/10/25 15:39	1
3-Perfluoropentylpropanoic acid (5:3 FTCA)	0.98	U	0.98	0.49	ug/Kg	☼	10/09/25 14:14	10/10/25 15:39	1
3-Perfluoroheptylpropanoic acid (7:3 FTCA)	0.98	U	0.98	0.49	ug/Kg	☼	10/09/25 14:14	10/10/25 15:39	1

Isotope Dilution	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
13C4 PFBA	*69.4*		*8 - 130*	*10/09/25 14:14*	*10/10/25 15:39*	*1*
13C5 PFPeA	*67.6*		*35 - 130*	*10/09/25 14:14*	*10/10/25 15:39*	*1*
13C5 PFHxA	*69.1*		*40 - 130*	*10/09/25 14:14*	*10/10/25 15:39*	*1*
13C4 PFHpA	*69.3*		*40 - 130*	*10/09/25 14:14*	*10/10/25 15:39*	*1*
13C8 PFOA	*68.7*		*40 - 130*	*10/09/25 14:14*	*10/10/25 15:39*	*1*
13C9 PFNA	*68.5*		*40 - 130*	*10/09/25 14:14*	*10/10/25 15:39*	*1*
13C6 PFDA	*65.3*		*40 - 130*	*10/09/25 14:14*	*10/10/25 15:39*	*1*
13C7 PFUnA	*59.0*		*40 - 130*	*10/09/25 14:14*	*10/10/25 15:39*	*1*

Client Sample ID: 49A_5-10
Date Collected: 10/07/25 14:30
Date Received: 10/07/25 17:15

Lab Sample ID: 460-336648-20
Matrix: Solid
Percent Solids: 97.2

Method: EPA 1633A - Per- and Polyfluoroalkyl Substances by LC/MS/MS, 1633A (Continued)

Isotope Dilution	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
13C2 PFTeDA	29.4		20 - 130	10/09/25 14:14	10/10/25 15:39	1
13C3 PFBS	63.6		40 - 135	10/09/25 14:14	10/10/25 15:39	1
13C3 PFHxS	63.7		40 - 130	10/09/25 14:14	10/10/25 15:39	1
13C8 PFOS	65.9		40 - 130	10/09/25 14:14	10/10/25 15:39	1
13C8 FOSA	68.0		40 - 130	10/09/25 14:14	10/10/25 15:39	1
d3-NMeFOSAA	51.3		40 - 135	10/09/25 14:14	10/10/25 15:39	1
d5-NEtFOSAA	58.1		40 - 150	10/09/25 14:14	10/10/25 15:39	1
13C2 4:2 FTS	72.3		40 - 165	10/09/25 14:14	10/10/25 15:39	1
13C2 6:2 FTS	69.4		40 - 215	10/09/25 14:14	10/10/25 15:39	1
13C2 8:2 FTS	58.7		40 - 275	10/09/25 14:14	10/10/25 15:39	1
13C3 HFPO-DA	69.4		40 - 130	10/09/25 14:14	10/10/25 15:39	1
d7-N-MeFOSE-M	35.3		20 - 130	10/09/25 14:14	10/10/25 15:39	1
d9-N-EtFOSE-M	29.2		15 - 130	10/09/25 14:14	10/10/25 15:39	1
d5-NEtPFOSA	45.5		10 - 130	10/09/25 14:14	10/10/25 15:39	1
d3-NMePFOSA	48.8		10 - 130	10/09/25 14:14	10/10/25 15:39	1
13C2 PFDoA	46.7		40 - 130	10/09/25 14:14	10/10/25 15:39	1

Method: SW846 6020B - Metals (ICP/MS)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Aluminum	4500		16.5	4.5	mg/Kg	☼	10/11/25 20:55	10/12/25 13:47	1
Antimony	2.2		0.82	0.12	mg/Kg	☼	10/11/25 20:55	10/12/25 13:47	1
Arsenic	8.7		0.82	0.085	mg/Kg	☼	10/11/25 20:55	10/12/25 13:47	1
Barium	20.8		1.6	0.12	mg/Kg	☼	10/11/25 20:55	10/12/25 13:47	1
Beryllium	0.40		0.33	0.018	mg/Kg	☼	10/11/25 20:55	10/12/25 13:47	1
Cadmium	0.16	J	0.82	0.093	mg/Kg	☼	10/11/25 20:55	10/12/25 13:47	1
Calcium	889		82.3	8.0	mg/Kg	☼	10/11/25 20:55	10/12/25 13:47	1
Chromium	44.6		1.6	0.24	mg/Kg	☼	10/11/25 20:55	10/12/25 13:47	1
Cobalt	4.3		0.82	0.12	mg/Kg	☼	10/11/25 20:55	10/12/25 13:47	1
Copper	34.6		1.6	0.30	mg/Kg	☼	10/11/25 20:55	10/12/25 13:47	1
Iron	17800		49.4	6.3	mg/Kg	☼	10/11/25 20:55	10/12/25 13:47	1
Lead	89.1		0.49	0.16	mg/Kg	☼	10/11/25 20:55	10/12/25 13:47	1
Magnesium	1330		82.3	8.4	mg/Kg	☼	10/11/25 20:55	10/12/25 13:47	1
Manganese	222		3.3	0.33	mg/Kg	☼	10/11/25 20:55	10/12/25 13:47	1
Nickel	17.8		1.6	0.15	mg/Kg	☼	10/11/25 20:55	10/12/25 13:47	1
Potassium	1160		82.3	13.3	mg/Kg	☼	10/11/25 20:55	10/12/25 13:47	1
Selenium	0.34	J	1.0	0.11	mg/Kg	☼	10/11/25 20:55	10/12/25 13:47	1
Silver	0.35		0.33	0.073	mg/Kg	☼	10/11/25 20:55	10/12/25 13:47	1
Sodium	67.1	J	82.3	37.6	mg/Kg	☼	10/11/25 20:55	10/12/25 13:47	1
Thallium	0.044	J	0.33	0.034	mg/Kg	☼	10/11/25 20:55	10/12/25 13:47	1
Vanadium	23.3		1.6	0.17	mg/Kg	☼	10/11/25 20:55	10/12/25 13:47	1
Zinc	53.6		6.6	0.90	mg/Kg	☼	10/11/25 20:55	10/12/25 13:47	1

Method: SW846 7471B - Mercury (CVAA)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	0.018		0.015	0.0073	mg/Kg	☼	10/16/25 01:43	10/16/25 08:52	1

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Percent Moisture (EPA Moisture)	2.8		1.0	1.0	%			10/08/25 18:34	1
Percent Solids (EPA Moisture)	97.2		1.0	1.0	%			10/08/25 18:34	1

Client: Haley & Aldrich, Inc.
Project/Site: Former Port Mobil

Job ID: 460-336648-1

Client Sample ID: 49B_0-5
Date Collected: 10/07/25 14:35
Date Received: 10/07/25 17:15

Lab Sample ID: 460-336648-21
Matrix: Solid
Percent Solids: 97.2

Method: SW846 8270E - Semivolatile Organic Compounds (GC/MS)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1'-Biphenyl	0.34	U	0.34	0.012	mg/Kg	☼	10/08/25 20:50	10/09/25 13:49	1
1,2,4,5-Tetrachlorobenzene	0.34	U	0.34	0.011	mg/Kg	☼	10/08/25 20:50	10/09/25 13:49	1
1,4-Dioxane	0.034	U	0.034	0.030	mg/Kg	☼	10/08/25 20:50	10/09/25 13:49	1
2,2'-oxybis[1-chloropropane]	0.34	U	0.34	0.020	mg/Kg	☼	10/08/25 20:50	10/09/25 13:49	1
2,3,4,6-Tetrachlorophenol	0.34	U	0.34	0.023	mg/Kg	☼	10/08/25 20:50	10/09/25 13:49	1
2,4,5-Trichlorophenol	0.34	U	0.34	0.035	mg/Kg	☼	10/08/25 20:50	10/09/25 13:49	1
2,4,6-Trichlorophenol	0.14	U	0.14	0.044	mg/Kg	☼	10/08/25 20:50	10/09/25 13:49	1
2,4-Dichlorophenol	0.14	U	0.14	0.022	mg/Kg	☼	10/08/25 20:50	10/09/25 13:49	1
2,4-Dimethylphenol	0.34	U *	0.34	0.040	mg/Kg	☼	10/08/25 20:50	10/09/25 13:49	1
2,4-Dinitrophenol	0.27	U	0.27	0.17	mg/Kg	☼	10/08/25 20:50	10/09/25 13:49	1
2,4-Dinitrotoluene	0.069	U	0.069	0.036	mg/Kg	☼	10/08/25 20:50	10/09/25 13:49	1
2,6-Dinitrotoluene	0.069	U	0.069	0.024	mg/Kg	☼	10/08/25 20:50	10/09/25 13:49	1
2-Chloronaphthalene	0.34	U	0.34	0.044	mg/Kg	☼	10/08/25 20:50	10/09/25 13:49	1
2-Chlorophenol	0.34	U	0.34	0.012	mg/Kg	☼	10/08/25 20:50	10/09/25 13:49	1
2-Methylnaphthalene	0.34	U	0.34	0.0095	mg/Kg	☼	10/08/25 20:50	10/09/25 13:49	1
2-Methylphenol	0.34	U	0.34	0.013	mg/Kg	☼	10/08/25 20:50	10/09/25 13:49	1
2-Nitroaniline	0.34	U	0.34	0.026	mg/Kg	☼	10/08/25 20:50	10/09/25 13:49	1
2-Nitrophenol	0.34	U	0.34	0.034	mg/Kg	☼	10/08/25 20:50	10/09/25 13:49	1
3 & 4 Methylphenol	0.34	U	0.34	0.021	mg/Kg	☼	10/08/25 20:50	10/09/25 13:49	1
3,3'-Dichlorobenzidine	0.14	U	0.14	0.051	mg/Kg	☼	10/08/25 20:50	10/09/25 13:49	1
3-Nitroaniline	0.34	U	0.34	0.080	mg/Kg	☼	10/08/25 20:50	10/09/25 13:49	1
4,6-Dinitro-2-methylphenol	0.27	U	0.27	0.14	mg/Kg	☼	10/08/25 20:50	10/09/25 13:49	1
4-Bromophenyl phenyl ether	0.34	U	0.34	0.013	mg/Kg	☼	10/08/25 20:50	10/09/25 13:49	1
4-Chloro-3-methylphenol	0.34	U	0.34	0.019	mg/Kg	☼	10/08/25 20:50	10/09/25 13:49	1
4-Chloroaniline	0.34	U	0.34	0.060	mg/Kg	☼	10/08/25 20:50	10/09/25 13:49	1
4-Chlorophenyl phenyl ether	0.34	U	0.34	0.012	mg/Kg	☼	10/08/25 20:50	10/09/25 13:49	1
4-Methylphenol	0.34	U	0.34	0.021	mg/Kg	☼	10/08/25 20:50	10/09/25 13:49	1
4-Nitroaniline	0.34	U	0.34	0.086	mg/Kg	☼	10/08/25 20:50	10/09/25 13:49	1
4-Nitrophenol	0.69	U	0.69	0.055	mg/Kg	☼	10/08/25 20:50	10/09/25 13:49	1
Acenaphthene	0.34	U	0.34	0.0097	mg/Kg	☼	10/08/25 20:50	10/09/25 13:49	1
Acenaphthylene	0.34	U	0.34	0.0097	mg/Kg	☼	10/08/25 20:50	10/09/25 13:49	1
Acetophenone	0.34	U	0.34	0.017	mg/Kg	☼	10/08/25 20:50	10/09/25 13:49	1
Anthracene	0.34	U	0.34	0.010	mg/Kg	☼	10/08/25 20:50	10/09/25 13:49	1
Atrazine	0.14	U	0.14	0.020	mg/Kg	☼	10/08/25 20:50	10/09/25 13:49	1
Benzaldehyde	0.34	U	0.34	0.056	mg/Kg	☼	10/08/25 20:50	10/09/25 13:49	1
Benzo[a]anthracene	0.034	U	0.034	0.026	mg/Kg	☼	10/08/25 20:50	10/09/25 13:49	1
Benzo[a]pyrene	0.034	U	0.034	0.0090	mg/Kg	☼	10/08/25 20:50	10/09/25 13:49	1
Benzo[b]fluoranthene	0.034	U	0.034	0.0088	mg/Kg	☼	10/08/25 20:50	10/09/25 13:49	1
Benzo[g,h,i]perylene	0.34	U	0.34	0.010	mg/Kg	☼	10/08/25 20:50	10/09/25 13:49	1
Benzo[k]fluoranthene	0.034	U	0.034	0.0066	mg/Kg	☼	10/08/25 20:50	10/09/25 13:49	1
Bis(2-chloroethoxy)methane	0.34	U	0.34	0.063	mg/Kg	☼	10/08/25 20:50	10/09/25 13:49	1
Bis(2-chloroethyl)ether	0.034	U	0.034	0.012	mg/Kg	☼	10/08/25 20:50	10/09/25 13:49	1
Bis(2-ethylhexyl) phthalate	0.34	U	0.34	0.018	mg/Kg	☼	10/08/25 20:50	10/09/25 13:49	1
Butyl benzyl phthalate	0.34	U	0.34	0.016	mg/Kg	☼	10/08/25 20:50	10/09/25 13:49	1
Caprolactam	0.34	U	0.34	0.053	mg/Kg	☼	10/08/25 20:50	10/09/25 13:49	1
Carbazole	0.34	U	0.34	0.013	mg/Kg	☼	10/08/25 20:50	10/09/25 13:49	1
Chrysene	0.34	U	0.34	0.014	mg/Kg	☼	10/08/25 20:50	10/09/25 13:49	1
Dibenz(a,h)anthracene	0.034	U	0.034	0.015	mg/Kg	☼	10/08/25 20:50	10/09/25 13:49	1
Dibenzofuran	0.34	U	0.34	0.011	mg/Kg	☼	10/08/25 20:50	10/09/25 13:49	1

Client Sample ID: 49B_0-5
Date Collected: 10/07/25 14:35
Date Received: 10/07/25 17:15

Lab Sample ID: 460-336648-21
Matrix: Solid
Percent Solids: 97.2

Method: SW846 8270E - Semivolatile Organic Compounds (GC/MS) (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Diethyl phthalate	0.34	U	0.34	0.011	mg/Kg	☼	10/08/25 20:50	10/09/25 13:49	1
Dimethyl phthalate	0.34	U	0.34	0.077	mg/Kg	☼	10/08/25 20:50	10/09/25 13:49	1
Di-n-butyl phthalate	0.34	U	0.34	0.013	mg/Kg	☼	10/08/25 20:50	10/09/25 13:49	1
Di-n-octyl phthalate	0.34	U	0.34	0.018	mg/Kg	☼	10/08/25 20:50	10/09/25 13:49	1
Fluoranthene	0.34	U	0.34	0.012	mg/Kg	☼	10/08/25 20:50	10/09/25 13:49	1
Fluorene	0.34	U	0.34	0.0099	mg/Kg	☼	10/08/25 20:50	10/09/25 13:49	1
Hexachlorobenzene	0.034	U	0.034	0.016	mg/Kg	☼	10/08/25 20:50	10/09/25 13:49	1
Hexachlorobutadiene	0.069	U	0.069	0.0072	mg/Kg	☼	10/08/25 20:50	10/09/25 13:49	1
Hexachlorocyclopentadiene	0.34	U	0.34	0.030	mg/Kg	☼	10/08/25 20:50	10/09/25 13:49	1
Hexachloroethane	0.034	U	0.034	0.012	mg/Kg	☼	10/08/25 20:50	10/09/25 13:49	1
Indeno[1,2,3-cd]pyrene	0.034	U	0.034	0.013	mg/Kg	☼	10/08/25 20:50	10/09/25 13:49	1
Isophorone	0.14	U	0.14	0.098	mg/Kg	☼	10/08/25 20:50	10/09/25 13:49	1
Naphthalene	0.34	U	0.34	0.0059	mg/Kg	☼	10/08/25 20:50	10/09/25 13:49	1
Nitrobenzene	0.034	U	0.034	0.019	mg/Kg	☼	10/08/25 20:50	10/09/25 13:49	1
N-Nitrosodi-n-propylamine	0.034	U	0.034	0.025	mg/Kg	☼	10/08/25 20:50	10/09/25 13:49	1
N-Nitrosodiphenylamine	0.34	U	0.34	0.028	mg/Kg	☼	10/08/25 20:50	10/09/25 13:49	1
Pentachlorophenol	0.27	U	0.27	0.069	mg/Kg	☼	10/08/25 20:50	10/09/25 13:49	1
Phenanthrene	0.34	U	0.34	0.014	mg/Kg	☼	10/08/25 20:50	10/09/25 13:49	1
Phenol	0.34	U	0.34	0.012	mg/Kg	☼	10/08/25 20:50	10/09/25 13:49	1
Pyrene	0.34	U	0.34	0.0084	mg/Kg	☼	10/08/25 20:50	10/09/25 13:49	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
2,4,6-Tribromophenol (Surr)	*49*		*18 - 137*	*10/08/25 20:50*	*10/09/25 13:49*	*1*
2-Fluorobiphenyl	*54*		*33 - 117*	*10/08/25 20:50*	*10/09/25 13:49*	*1*
2-Fluorophenol (Surr)	*54*		*24 - 120*	*10/08/25 20:50*	*10/09/25 13:49*	*1*
Nitrobenzene-d5 (Surr)	*56*		*27 - 120*	*10/08/25 20:50*	*10/09/25 13:49*	*1*
Phenol-d5 (Surr)	*57*		*28 - 118*	*10/08/25 20:50*	*10/09/25 13:49*	*1*
Terphenyl-d14 (Surr)	*60*		*33 - 124*	*10/08/25 20:50*	*10/09/25 13:49*	*1*

Method: SW846 8081B - Organochlorine Pesticides (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
4,4'-DDD	0.0069	U	0.0069	0.0012	mg/Kg	☼	10/08/25 16:54	10/09/25 20:23	1
4,4'-DDE	0.0069	U	0.0069	0.00081	mg/Kg	☼	10/08/25 16:54	10/09/25 20:23	1
4,4'-DDT	0.0069	U	0.0069	0.0013	mg/Kg	☼	10/08/25 16:54	10/09/25 20:23	1
Aldrin	0.0069	U	0.0069	0.0010	mg/Kg	☼	10/08/25 16:54	10/09/25 20:23	1
alpha-BHC	0.0021	U	0.0021	0.00070	mg/Kg	☼	10/08/25 16:54	10/09/25 20:23	1
beta-BHC	0.0021	U	0.0021	0.00077	mg/Kg	☼	10/08/25 16:54	10/09/25 20:23	1
Chlordane (technical)	0.069	U	0.069	0.017	mg/Kg	☼	10/08/25 16:54	10/09/25 20:23	1
cis-Chlordane	0.0069	U	0.0069	0.0011	mg/Kg	☼	10/08/25 16:54	10/09/25 20:23	1
delta-BHC	0.0021	U	0.0021	0.00042	mg/Kg	☼	10/08/25 16:54	10/09/25 20:23	1
Dieldrin	0.0021	U	0.0021	0.00090	mg/Kg	☼	10/08/25 16:54	10/09/25 20:23	1
Endosulfan I	0.0069	U	0.0069	0.0010	mg/Kg	☼	10/08/25 16:54	10/09/25 20:23	1
Endosulfan II	0.0069	U	0.0069	0.0018	mg/Kg	☼	10/08/25 16:54	10/09/25 20:23	1
Endosulfan sulfate	0.0069	U	0.0069	0.00086	mg/Kg	☼	10/08/25 16:54	10/09/25 20:23	1
Endrin	0.0069	U	0.0069	0.00099	mg/Kg	☼	10/08/25 16:54	10/09/25 20:23	1
Endrin aldehyde	0.0069	U	0.0069	0.0016	mg/Kg	☼	10/08/25 16:54	10/09/25 20:23	1
Endrin ketone	0.0069	U	0.0069	0.0013	mg/Kg	☼	10/08/25 16:54	10/09/25 20:23	1
gamma-BHC (Lindane)	0.0021	U	0.0021	0.00064	mg/Kg	☼	10/08/25 16:54	10/09/25 20:23	1
Heptachlor	0.0069	U	0.0069	0.00081	mg/Kg	☼	10/08/25 16:54	10/09/25 20:23	1
Heptachlor epoxide	0.0069	U	0.0069	0.0010	mg/Kg	☼	10/08/25 16:54	10/09/25 20:23	1

Client Sample ID: 49B_0-5
Date Collected: 10/07/25 14:35
Date Received: 10/07/25 17:15

Lab Sample ID: 460-336648-21
Matrix: Solid
Percent Solids: 97.2

Method: SW846 8081B - Organochlorine Pesticides (GC) (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Methoxychlor	0.0069	U	0.0069	0.0016	mg/Kg	☼	10/08/25 16:54	10/09/25 20:23	1
Toxaphene	0.069	U	0.069	0.025	mg/Kg	☼	10/08/25 16:54	10/09/25 20:23	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
DCB Decachlorobiphenyl	*84*		*10 - 150*	*10/08/25 16:54*	*10/09/25 20:23*	*1*
DCB Decachlorobiphenyl	*101*		*10 - 150*	*10/08/25 16:54*	*10/09/25 20:23*	*1*
Tetrachloro-m-xylene	*84*		*14 - 150*	*10/08/25 16:54*	*10/09/25 20:23*	*1*
Tetrachloro-m-xylene	*82*		*14 - 150*	*10/08/25 16:54*	*10/09/25 20:23*	*1*

Method: SW846 8082A - Polychlorinated Biphenyls (PCBs) by Gas Chromatography

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Aroclor 1016	0.069	U	0.069	0.018	mg/Kg	☼	10/08/25 16:45	10/09/25 20:57	1
Aroclor 1221	0.069	U	0.069	0.018	mg/Kg	☼	10/08/25 16:45	10/09/25 20:57	1
Aroclor 1232	0.069	U	0.069	0.018	mg/Kg	☼	10/08/25 16:45	10/09/25 20:57	1
Aroclor 1242	0.069	U	0.069	0.018	mg/Kg	☼	10/08/25 16:45	10/09/25 20:57	1
Aroclor 1248	0.069	U	0.069	0.018	mg/Kg	☼	10/08/25 16:45	10/09/25 20:57	1
Aroclor 1254	0.069	U	0.069	0.018	mg/Kg	☼	10/08/25 16:45	10/09/25 20:57	1
Aroclor 1260	0.069	U	0.069	0.018	mg/Kg	☼	10/08/25 16:45	10/09/25 20:57	1
Aroclor-1262	0.069	U	0.069	0.018	mg/Kg	☼	10/08/25 16:45	10/09/25 20:57	1
Aroclor 1268	0.069	U	0.069	0.018	mg/Kg	☼	10/08/25 16:45	10/09/25 20:57	1
Polychlorinated biphenyls, Total	0.069	U	0.069	0.018	mg/Kg	☼	10/08/25 16:45	10/09/25 20:57	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
DCB Decachlorobiphenyl	*116*		*10 - 150*	*10/08/25 16:45*	*10/09/25 20:57*	*1*
DCB Decachlorobiphenyl	*110*		*10 - 150*	*10/08/25 16:45*	*10/09/25 20:57*	*1*
Tetrachloro-m-xylene	*99*		*10 - 150*	*10/08/25 16:45*	*10/09/25 20:57*	*1*
Tetrachloro-m-xylene	*109*		*10 - 150*	*10/08/25 16:45*	*10/09/25 20:57*	*1*

Method: EPA 1633A - Per- and Polyfluoroalkyl Substances by LC/MS/MS, 1633A

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Perfluorobutanoic acid (PFBA)	0.40	U	0.40	0.099	ug/Kg	☼	10/09/25 14:14	10/10/25 15:53	1
Perfluoropentanoic acid (PFPeA)	**0.10**	**J**	0.20	0.099	ug/Kg	☼	10/09/25 14:14	10/10/25 15:53	1
Perfluorohexanoic acid (PFHxA)	**0.16**	**J**	0.20	0.099	ug/Kg	☼	10/09/25 14:14	10/10/25 15:53	1
Perfluoroheptanoic acid (PFHpA)	**0.47**		0.20	0.099	ug/Kg	☼	10/09/25 14:14	10/10/25 15:53	1
Perfluorooctanoic acid (PFOA)	**1.32**		0.20	0.059	ug/Kg	☼	10/09/25 14:14	10/10/25 15:53	1
Perfluorononanoic acid (PFNA)	**1.43**		0.20	0.099	ug/Kg	☼	10/09/25 14:14	10/10/25 15:53	1
Perfluorodecanoic acid (PFDA)	**1.13**		0.20	0.059	ug/Kg	☼	10/09/25 14:14	10/10/25 15:53	1
Perfluoroundecanoic acid (PFUnA)	**1.85**		0.20	0.099	ug/Kg	☼	10/09/25 14:14	10/10/25 15:53	1
Perfluorododecanoic acid (PFDoA)	**0.76**		0.20	0.099	ug/Kg	☼	10/09/25 14:14	10/10/25 15:53	1
Perfluorotridecanoic acid (PFTrDA)	**2.78**		0.20	0.099	ug/Kg	☼	10/09/25 14:14	10/10/25 15:53	1
Perfluorotetradecanoic acid (PFTeDA)	**0.31**		0.20	0.099	ug/Kg	☼	10/09/25 14:14	10/10/25 15:53	1
Perfluorobutanesulfonic acid (PFBS)	0.20	U	0.20	0.099	ug/Kg	☼	10/09/25 14:14	10/10/25 15:53	1
Perfluoropentanesulfonic acid (PFPeS)	0.20	U	0.20	0.099	ug/Kg	☼	10/09/25 14:14	10/10/25 15:53	1
Perfluorohexanesulfonic acid (PFHxS)	**0.30**		0.20	0.099	ug/Kg	☼	10/09/25 14:14	10/10/25 15:53	1
Perfluoroheptanesulfonic acid (PFHpS)	0.20	U	0.20	0.099	ug/Kg	☼	10/09/25 14:14	10/10/25 15:53	1

Client Sample ID: 49B_0-5
Date Collected: 10/07/25 14:35
Date Received: 10/07/25 17:15

Lab Sample ID: 460-336648-21
Matrix: Solid
Percent Solids: 97.2

Method: EPA 1633A - Per- and Polyfluoroalkyl Substances by LC/MS/MS, 1633A (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Perfluorooctanesulfonic acid (PFOS)	**0.15**	**J**	0.20	0.099	ug/Kg	☼	10/09/25 14:14	10/10/25 15:53	1
Perfluorononanesulfonic acid (PFNS)	0.20	U	0.20	0.099	ug/Kg	☼	10/09/25 14:14	10/10/25 15:53	1
Perfluorodecanesulfonic acid (PFDS)	0.20	U	0.20	0.099	ug/Kg	☼	10/09/25 14:14	10/10/25 15:53	1
Perfluorododecanesulfonic acid (PFDoS)	0.20	U	0.20	0.099	ug/Kg	☼	10/09/25 14:14	10/10/25 15:53	1
1H,1H,2H,2H-Perfluorohexane sulfonic acid (4:2 FTS)	0.40	U	0.40	0.20	ug/Kg	☼	10/09/25 14:14	10/10/25 15:53	1
1H,1H,2H,2H-Perfluorooctane sulfonic acid (6:2 FTS)	0.40	U	0.40	0.20	ug/Kg	☼	10/09/25 14:14	10/10/25 15:53	1
1H,1H,2H,2H-Perfluorodecane sulfonic acid (8:2 FTS)	**1.34**		0.40	0.20	ug/Kg	☼	10/09/25 14:14	10/10/25 15:53	1
Perfluorooctanesulfonamide (PFOSA)	0.20	U	0.20	0.099	ug/Kg	☼	10/09/25 14:14	10/10/25 15:53	1
N-methylperfluorooctane sulfonamide (NMeFOSA)	0.20	U	0.20	0.099	ug/Kg	☼	10/09/25 14:14	10/10/25 15:53	1
N-ethylperfluorooctane sulfonamide (NEtFOSA)	0.20	U	0.20	0.099	ug/Kg	☼	10/09/25 14:14	10/10/25 15:53	1
N-methylperfluorooctanesulfonamidoacetic acid (NMeFOSAA)	0.20	U	0.20	0.099	ug/Kg	☼	10/09/25 14:14	10/10/25 15:53	1
N-ethylperfluorooctanesulfonamidoacetic acid (NEtFOSAA)	0.20	U	0.20	0.099	ug/Kg	☼	10/09/25 14:14	10/10/25 15:53	1
N-methylperfluorooctane sulfonamidoethanol (NMeFOSE)	0.99	U	0.99	0.49	ug/Kg	☼	10/09/25 14:14	10/10/25 15:53	1
N-ethylperfluorooctane sulfonamidoethanol (NEtFOSE)	0.99	U	0.99	0.49	ug/Kg	☼	10/09/25 14:14	10/10/25 15:53	1
Hexafluoropropylene Oxide Dimer Acid (HFPO-DA)	0.20	U	0.20	0.099	ug/Kg	☼	10/09/25 14:14	10/10/25 15:53	1
4,8-Dioxa-3H-perfluorononanoic acid (ADONA)	0.20	U	0.20	0.099	ug/Kg	☼	10/09/25 14:14	10/10/25 15:53	1
Perfluoro-3-methoxypropanoic acid (PFMPA)	0.20	U	0.20	0.099	ug/Kg	☼	10/09/25 14:14	10/10/25 15:53	1
Perfluoro-4-methoxybutanoic acid (PFMBA)	0.20	U	0.20	0.099	ug/Kg	☼	10/09/25 14:14	10/10/25 15:53	1
Nonafluoro-3,6-dioxaheptanoic acid (NFDHA)	0.20	U	0.20	0.099	ug/Kg	☼	10/09/25 14:14	10/10/25 15:53	1
9-Chlorohexadecafluoro-3-oxanonane-1-sulfonic acid (9Cl-PF3ONS)	0.20	U	0.20	0.099	ug/Kg	☼	10/09/25 14:14	10/10/25 15:53	1
11-Chloroeicosafluoro-3-oxaundecane-1-sulfonic acid (11Cl-PF3OUdS)	0.20	U	0.20	0.099	ug/Kg	☼	10/09/25 14:14	10/10/25 15:53	1
Perfluoro (2-ethoxyethane) sulfonic acid (PFEESA)	0.20	U	0.20	0.099	ug/Kg	☼	10/09/25 14:14	10/10/25 15:53	1
3-Perfluoropropylpropanoic acid (3:3 FTCA)	0.40	U	0.40	0.20	ug/Kg	☼	10/09/25 14:14	10/10/25 15:53	1
3-Perfluoropentylpropanoic acid (5:3 FTCA)	0.99	U	0.99	0.49	ug/Kg	☼	10/09/25 14:14	10/10/25 15:53	1
3-Perfluoroheptylpropanoic acid (7:3 FTCA)	**0.49**	**J**	0.99	0.49	ug/Kg	☼	10/09/25 14:14	10/10/25 15:53	1

Isotope Dilution	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
13C4 PFBA	*87.2*		*8 - 130*	*10/09/25 14:14*	*10/10/25 15:53*	*1*
13C5 PFPeA	*88.0*		*35 - 130*	*10/09/25 14:14*	*10/10/25 15:53*	*1*
13C5 PFHxA	*83.8*		*40 - 130*	*10/09/25 14:14*	*10/10/25 15:53*	*1*
13C4 PFHpA	*87.1*		*40 - 130*	*10/09/25 14:14*	*10/10/25 15:53*	*1*
13C8 PFOA	*81.5*		*40 - 130*	*10/09/25 14:14*	*10/10/25 15:53*	*1*
13C9 PFNA	*82.9*		*40 - 130*	*10/09/25 14:14*	*10/10/25 15:53*	*1*
13C6 PFDA	*73.4*		*40 - 130*	*10/09/25 14:14*	*10/10/25 15:53*	*1*

Client Sample ID: 49B_0-5
Date Collected: 10/07/25 14:35
Date Received: 10/07/25 17:15

Lab Sample ID: 460-336648-21
Matrix: Solid
Percent Solids: 97.2

Method: EPA 1633A - Per- and Polyfluoroalkyl Substances by LC/MS/MS, 1633A (Continued)

Isotope Dilution	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
13C7 PFUnA	70.8		40 - 130	10/09/25 14:14	10/10/25 15:53	1
13C2 PFTeDA	48.4		20 - 130	10/09/25 14:14	10/10/25 15:53	1
13C3 PFBS	78.8		40 - 135	10/09/25 14:14	10/10/25 15:53	1
13C3 PFHxS	80.9		40 - 130	10/09/25 14:14	10/10/25 15:53	1
13C8 PFOS	73.1		40 - 130	10/09/25 14:14	10/10/25 15:53	1
13C8 FOSA	72.6		40 - 130	10/09/25 14:14	10/10/25 15:53	1
d3-NMeFOSAA	54.7		40 - 135	10/09/25 14:14	10/10/25 15:53	1
d5-NEtFOSAA	61.0		40 - 150	10/09/25 14:14	10/10/25 15:53	1
13C2 4:2 FTS	117		40 - 165	10/09/25 14:14	10/10/25 15:53	1
13C2 6:2 FTS	97.2		40 - 215	10/09/25 14:14	10/10/25 15:53	1
13C2 8:2 FTS	73.0		40 - 275	10/09/25 14:14	10/10/25 15:53	1
13C3 HFPO-DA	84.1		40 - 130	10/09/25 14:14	10/10/25 15:53	1
d7-N-MeFOSE-M	44.3		20 - 130	10/09/25 14:14	10/10/25 15:53	1
d9-N-EtFOSE-M	37.0		15 - 130	10/09/25 14:14	10/10/25 15:53	1
d5-NEtPFOSA	49.6		10 - 130	10/09/25 14:14	10/10/25 15:53	1
d3-NMePFOSA	54.0		10 - 130	10/09/25 14:14	10/10/25 15:53	1
13C2 PFDoA	55.0		40 - 130	10/09/25 14:14	10/10/25 15:53	1

Method: SW846 6020B - Metals (ICP/MS)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Aluminum	5060		16.3	4.5	mg/Kg	☼	10/11/25 20:55	10/12/25 13:49	1
Antimony	5.5		0.82	0.12	mg/Kg	☼	10/11/25 20:55	10/12/25 13:49	1
Arsenic	14.5		0.82	0.084	mg/Kg	☼	10/11/25 20:55	10/12/25 13:49	1
Barium	59.8		1.6	0.12	mg/Kg	☼	10/11/25 20:55	10/12/25 13:49	1
Beryllium	1.3		0.33	0.018	mg/Kg	☼	10/11/25 20:55	10/12/25 13:49	1
Cadmium	0.36	J	0.82	0.092	mg/Kg	☼	10/11/25 20:55	10/12/25 13:49	1
Calcium	1820		81.7	7.9	mg/Kg	☼	10/11/25 20:55	10/12/25 13:49	1
Chromium	40.1		1.6	0.24	mg/Kg	☼	10/11/25 20:55	10/12/25 13:49	1
Cobalt	23.9		0.82	0.12	mg/Kg	☼	10/11/25 20:55	10/12/25 13:49	1
Copper	303		1.6	0.30	mg/Kg	☼	10/11/25 20:55	10/12/25 13:49	1
Iron	26600		49.0	6.2	mg/Kg	☼	10/11/25 20:55	10/12/25 13:49	1
Lead	361		0.49	0.16	mg/Kg	☼	10/11/25 20:55	10/12/25 13:49	1
Magnesium	1310		81.7	8.3	mg/Kg	☼	10/11/25 20:55	10/12/25 13:49	1
Manganese	129		3.3	0.33	mg/Kg	☼	10/11/25 20:55	10/12/25 13:49	1
Nickel	184		1.6	0.14	mg/Kg	☼	10/11/25 20:55	10/12/25 13:49	1
Potassium	1190		81.7	13.2	mg/Kg	☼	10/11/25 20:55	10/12/25 13:49	1
Selenium	2.9		1.0	0.10	mg/Kg	☼	10/11/25 20:55	10/12/25 13:49	1
Silver	0.65		0.33	0.073	mg/Kg	☼	10/11/25 20:55	10/12/25 13:49	1
Sodium	169		81.7	37.3	mg/Kg	☼	10/11/25 20:55	10/12/25 13:49	1
Thallium	0.058	J	0.33	0.033	mg/Kg	☼	10/11/25 20:55	10/12/25 13:49	1
Vanadium	31.0		1.6	0.17	mg/Kg	☼	10/11/25 20:55	10/12/25 13:49	1
Zinc	878		6.5	0.89	mg/Kg	☼	10/11/25 20:55	10/12/25 13:49	1

Method: SW846 7471B - Mercury (CVAA)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	0.029		0.017	0.0078	mg/Kg	☼	10/16/25 01:43	10/16/25 08:55	1

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Percent Moisture (EPA Moisture)	2.8		1.0	1.0	%			10/08/25 18:34	1

Client Sample ID: 49B_0-5

Lab Sample ID: 460-336648-21

Date Collected: 10/07/25 14:35
Matrix: Solid
Date Received: 10/07/25 17:15
Percent Solids: 97.2

General Chemistry (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Percent Solids (EPA Moisture)	97.2		1.0	1.0	%			10/08/25 18:34	1

Client Sample ID: 49B_5-10

Lab Sample ID: 460-336648-22

Date Collected: 10/07/25 14:40
Matrix: Solid
Date Received: 10/07/25 17:15
Percent Solids: 96.7

Method: SW846 8270E - Semivolatile Organic Compounds (GC/MS)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1'-Biphenyl	0.34	U	0.34	0.012	mg/Kg	☼	10/08/25 20:50	10/09/25 14:11	1
1,2,4,5-Tetrachlorobenzene	0.34	U	0.34	0.011	mg/Kg	☼	10/08/25 20:50	10/09/25 14:11	1
1,4-Dioxane	0.034	U	0.034	0.030	mg/Kg	☼	10/08/25 20:50	10/09/25 14:11	1
2,2'-oxybis[1-chloropropane]	0.34	U	0.34	0.020	mg/Kg	☼	10/08/25 20:50	10/09/25 14:11	1
2,3,4,6-Tetrachlorophenol	0.34	U	0.34	0.023	mg/Kg	☼	10/08/25 20:50	10/09/25 14:11	1
2,4,5-Trichlorophenol	0.34	U	0.34	0.035	mg/Kg	☼	10/08/25 20:50	10/09/25 14:11	1
2,4,6-Trichlorophenol	0.14	U	0.14	0.044	mg/Kg	☼	10/08/25 20:50	10/09/25 14:11	1
2,4-Dichlorophenol	0.14	U	0.14	0.022	mg/Kg	☼	10/08/25 20:50	10/09/25 14:11	1
2,4-Dimethylphenol	0.34	U *	0.34	0.040	mg/Kg	☼	10/08/25 20:50	10/09/25 14:11	1
2,4-Dinitrophenol	0.27	U	0.27	0.17	mg/Kg	☼	10/08/25 20:50	10/09/25 14:11	1
2,4-Dinitrotoluene	0.069	U	0.069	0.037	mg/Kg	☼	10/08/25 20:50	10/09/25 14:11	1
2,6-Dinitrotoluene	0.069	U	0.069	0.025	mg/Kg	☼	10/08/25 20:50	10/09/25 14:11	1
2-Chloronaphthalene	0.34	U	0.34	0.044	mg/Kg	☼	10/08/25 20:50	10/09/25 14:11	1
2-Chlorophenol	0.34	U	0.34	0.012	mg/Kg	☼	10/08/25 20:50	10/09/25 14:11	1
2-Methylnaphthalene	0.34	U	0.34	0.0095	mg/Kg	☼	10/08/25 20:50	10/09/25 14:11	1
2-Methylphenol	0.34	U	0.34	0.013	mg/Kg	☼	10/08/25 20:50	10/09/25 14:11	1
2-Nitroaniline	0.34	U	0.34	0.026	mg/Kg	☼	10/08/25 20:50	10/09/25 14:11	1
2-Nitrophenol	0.34	U	0.34	0.034	mg/Kg	☼	10/08/25 20:50	10/09/25 14:11	1
3 & 4 Methylphenol	0.34	U	0.34	0.021	mg/Kg	☼	10/08/25 20:50	10/09/25 14:11	1
3,3'-Dichlorobenzidine	0.14	U	0.14	0.051	mg/Kg	☼	10/08/25 20:50	10/09/25 14:11	1
3-Nitroaniline	0.34	U	0.34	0.080	mg/Kg	☼	10/08/25 20:50	10/09/25 14:11	1
4,6-Dinitro-2-methylphenol	0.27	U	0.27	0.14	mg/Kg	☼	10/08/25 20:50	10/09/25 14:11	1
4-Bromophenyl phenyl ether	0.34	U	0.34	0.013	mg/Kg	☼	10/08/25 20:50	10/09/25 14:11	1
4-Chloro-3-methylphenol	0.34	U	0.34	0.019	mg/Kg	☼	10/08/25 20:50	10/09/25 14:11	1
4-Chloroaniline	0.34	U	0.34	0.060	mg/Kg	☼	10/08/25 20:50	10/09/25 14:11	1
4-Chlorophenyl phenyl ether	0.34	U	0.34	0.012	mg/Kg	☼	10/08/25 20:50	10/09/25 14:11	1
4-Methylphenol	0.34	U	0.34	0.021	mg/Kg	☼	10/08/25 20:50	10/09/25 14:11	1
4-Nitroaniline	0.34	U	0.34	0.086	mg/Kg	☼	10/08/25 20:50	10/09/25 14:11	1
4-Nitrophenol	0.69	U	0.69	0.055	mg/Kg	☼	10/08/25 20:50	10/09/25 14:11	1
Acenaphthene	0.34	U	0.34	0.0097	mg/Kg	☼	10/08/25 20:50	10/09/25 14:11	1
Acenaphthylene	0.34	U	0.34	0.0097	mg/Kg	☼	10/08/25 20:50	10/09/25 14:11	1
Acetophenone	0.34	U	0.34	0.017	mg/Kg	☼	10/08/25 20:50	10/09/25 14:11	1
Anthracene	0.34	U	0.34	0.010	mg/Kg	☼	10/08/25 20:50	10/09/25 14:11	1
Atrazine	0.14	U	0.14	0.020	mg/Kg	☼	10/08/25 20:50	10/09/25 14:11	1
Benzaldehyde	0.34	U	0.34	0.056	mg/Kg	☼	10/08/25 20:50	10/09/25 14:11	1
Benzo[a]anthracene	0.034	U	0.034	0.026	mg/Kg	☼	10/08/25 20:50	10/09/25 14:11	1
Benzo[a]pyrene	0.034	U	0.034	0.0090	mg/Kg	☼	10/08/25 20:50	10/09/25 14:11	1
Benzo[b]fluoranthene	0.034	U	0.034	0.0088	mg/Kg	☼	10/08/25 20:50	10/09/25 14:11	1
Benzo[g,h,i]perylene	0.34	U	0.34	0.010	mg/Kg	☼	10/08/25 20:50	10/09/25 14:11	1
Benzo[k]fluoranthene	0.034	U	0.034	0.0067	mg/Kg	☼	10/08/25 20:50	10/09/25 14:11	1
Bis(2-chloroethoxy)methane	0.34	U	0.34	0.063	mg/Kg	☼	10/08/25 20:50	10/09/25 14:11	1
Bis(2-chloroethyl)ether	0.034	U	0.034	0.012	mg/Kg	☼	10/08/25 20:50	10/09/25 14:11	1

Client Sample ID: 49B_5-10
Date Collected: 10/07/25 14:40
Date Received: 10/07/25 17:15

Lab Sample ID: 460-336648-22
Matrix: Solid
Percent Solids: 96.7

Method: SW846 8270E - Semivolatile Organic Compounds (GC/MS) (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Bis(2-ethylhexyl) phthalate	0.34	U	0.34	0.018	mg/Kg	☼	10/08/25 20:50	10/09/25 14:11	1
Butyl benzyl phthalate	0.34	U	0.34	0.016	mg/Kg	☼	10/08/25 20:50	10/09/25 14:11	1
Caprolactam	0.34	U	0.34	0.053	mg/Kg	☼	10/08/25 20:50	10/09/25 14:11	1
Carbazole	0.34	U	0.34	0.013	mg/Kg	☼	10/08/25 20:50	10/09/25 14:11	1
Chrysene	0.34	U	0.34	0.014	mg/Kg	☼	10/08/25 20:50	10/09/25 14:11	1
Dibenz(a,h)anthracene	0.034	U	0.034	0.015	mg/Kg	☼	10/08/25 20:50	10/09/25 14:11	1
Dibenzofuran	0.34	U	0.34	0.011	mg/Kg	☼	10/08/25 20:50	10/09/25 14:11	1
Diethyl phthalate	0.34	U	0.34	0.011	mg/Kg	☼	10/08/25 20:50	10/09/25 14:11	1
Dimethyl phthalate	0.34	U	0.34	0.077	mg/Kg	☼	10/08/25 20:50	10/09/25 14:11	1
Di-n-butyl phthalate	0.34	U	0.34	0.013	mg/Kg	☼	10/08/25 20:50	10/09/25 14:11	1
Di-n-octyl phthalate	0.34	U	0.34	0.018	mg/Kg	☼	10/08/25 20:50	10/09/25 14:11	1
Fluoranthene	0.34	U	0.34	0.012	mg/Kg	☼	10/08/25 20:50	10/09/25 14:11	1
Fluorene	0.34	U	0.34	0.0099	mg/Kg	☼	10/08/25 20:50	10/09/25 14:11	1
Hexachlorobenzene	0.034	U	0.034	0.016	mg/Kg	☼	10/08/25 20:50	10/09/25 14:11	1
Hexachlorobutadiene	0.069	U	0.069	0.0072	mg/Kg	☼	10/08/25 20:50	10/09/25 14:11	1
Hexachlorocyclopentadiene	0.34	U	0.34	0.030	mg/Kg	☼	10/08/25 20:50	10/09/25 14:11	1
Hexachloroethane	0.034	U	0.034	0.012	mg/Kg	☼	10/08/25 20:50	10/09/25 14:11	1
Indeno[1,2,3-cd]pyrene	0.034	U	0.034	0.013	mg/Kg	☼	10/08/25 20:50	10/09/25 14:11	1
Isophorone	0.14	U	0.14	0.098	mg/Kg	☼	10/08/25 20:50	10/09/25 14:11	1
Naphthalene	0.34	U	0.34	0.0059	mg/Kg	☼	10/08/25 20:50	10/09/25 14:11	1
Nitrobenzene	0.034	U	0.034	0.019	mg/Kg	☼	10/08/25 20:50	10/09/25 14:11	1
N-Nitrosodi-n-propylamine	0.034	U	0.034	0.025	mg/Kg	☼	10/08/25 20:50	10/09/25 14:11	1
N-Nitrosodiphenylamine	0.34	U	0.34	0.028	mg/Kg	☼	10/08/25 20:50	10/09/25 14:11	1
Pentachlorophenol	0.27	U	0.27	0.069	mg/Kg	☼	10/08/25 20:50	10/09/25 14:11	1
Phenanthrene	0.34	U	0.34	0.014	mg/Kg	☼	10/08/25 20:50	10/09/25 14:11	1
Phenol	0.34	U	0.34	0.012	mg/Kg	☼	10/08/25 20:50	10/09/25 14:11	1
Pyrene	0.34	U	0.34	0.0084	mg/Kg	☼	10/08/25 20:50	10/09/25 14:11	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
2,4,6-Tribromophenol (Surr)	*51*		*18 - 137*	*10/08/25 20:50*	*10/09/25 14:11*	*1*
2-Fluorobiphenyl	*53*		*33 - 117*	*10/08/25 20:50*	*10/09/25 14:11*	*1*
2-Fluorophenol (Surr)	*49*		*24 - 120*	*10/08/25 20:50*	*10/09/25 14:11*	*1*
Nitrobenzene-d5 (Surr)	*55*		*27 - 120*	*10/08/25 20:50*	*10/09/25 14:11*	*1*
Phenol-d5 (Surr)	*56*		*28 - 118*	*10/08/25 20:50*	*10/09/25 14:11*	*1*
Terphenyl-d14 (Surr)	*60*		*33 - 124*	*10/08/25 20:50*	*10/09/25 14:11*	*1*

Method: SW846 8081B - Organochlorine Pesticides (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
4,4'-DDD	0.0069	U	0.0069	0.0012	mg/Kg	☼	10/08/25 16:54	10/09/25 21:00	1
4,4'-DDE	0.0069	U	0.0069	0.00082	mg/Kg	☼	10/08/25 16:54	10/09/25 21:00	1
4,4'-DDT	0.0069	U	0.0069	0.0013	mg/Kg	☼	10/08/25 16:54	10/09/25 21:00	1
Aldrin	0.0069	U	0.0069	0.0010	mg/Kg	☼	10/08/25 16:54	10/09/25 21:00	1
alpha-BHC	0.0021	U	0.0021	0.00070	mg/Kg	☼	10/08/25 16:54	10/09/25 21:00	1
beta-BHC	0.0021	U	0.0021	0.00078	mg/Kg	☼	10/08/25 16:54	10/09/25 21:00	1
Chlordane (technical)	0.069	U	0.069	0.017	mg/Kg	☼	10/08/25 16:54	10/09/25 21:00	1
cis-Chlordane	0.0069	U	0.0069	0.0011	mg/Kg	☼	10/08/25 16:54	10/09/25 21:00	1
delta-BHC	0.0021	U	0.0021	0.00042	mg/Kg	☼	10/08/25 16:54	10/09/25 21:00	1
Dieldrin	0.0021	U	0.0021	0.00090	mg/Kg	☼	10/08/25 16:54	10/09/25 21:00	1
Endosulfan I	0.0069	U	0.0069	0.0011	mg/Kg	☼	10/08/25 16:54	10/09/25 21:00	1
Endosulfan II	0.0069	U	0.0069	0.0018	mg/Kg	☼	10/08/25 16:54	10/09/25 21:00	1

Client Sample ID: 49B_5-10
Date Collected: 10/07/25 14:40
Date Received: 10/07/25 17:15

Lab Sample ID: 460-336648-22
Matrix: Solid
Percent Solids: 96.7

Method: SW846 8081B - Organochlorine Pesticides (GC) (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Endosulfan sulfate	0.0069	U	0.0069	0.00087	mg/Kg	☼	10/08/25 16:54	10/09/25 21:00	1
Endrin	0.0069	U	0.0069	0.00099	mg/Kg	☼	10/08/25 16:54	10/09/25 21:00	1
Endrin aldehyde	0.0069	U	0.0069	0.0016	mg/Kg	☼	10/08/25 16:54	10/09/25 21:00	1
Endrin ketone	0.0069	U	0.0069	0.0013	mg/Kg	☼	10/08/25 16:54	10/09/25 21:00	1
gamma-BHC (Lindane)	0.0021	U	0.0021	0.00064	mg/Kg	☼	10/08/25 16:54	10/09/25 21:00	1
Heptachlor	0.0069	U	0.0069	0.00082	mg/Kg	☼	10/08/25 16:54	10/09/25 21:00	1
Heptachlor epoxide	0.0069	U	0.0069	0.0010	mg/Kg	☼	10/08/25 16:54	10/09/25 21:00	1
Methoxychlor	0.0069	U	0.0069	0.0016	mg/Kg	☼	10/08/25 16:54	10/09/25 21:00	1
Toxaphene	0.069	U	0.069	0.025	mg/Kg	☼	10/08/25 16:54	10/09/25 21:00	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
DCB Decachlorobiphenyl	*95*		*10 - 150*	*10/08/25 16:54*	*10/09/25 21:00*	*1*
DCB Decachlorobiphenyl	*117*		*10 - 150*	*10/08/25 16:54*	*10/09/25 21:00*	*1*
Tetrachloro-m-xylene	*94*		*14 - 150*	*10/08/25 16:54*	*10/09/25 21:00*	*1*
Tetrachloro-m-xylene	*94*		*14 - 150*	*10/08/25 16:54*	*10/09/25 21:00*	*1*

Method: SW846 8082A - Polychlorinated Biphenyls (PCBs) by Gas Chromatography

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Aroclor 1016	0.069	U	0.069	0.018	mg/Kg	☼	10/08/25 16:45	10/09/25 21:13	1
Aroclor 1221	0.069	U	0.069	0.018	mg/Kg	☼	10/08/25 16:45	10/09/25 21:13	1
Aroclor 1232	0.069	U	0.069	0.018	mg/Kg	☼	10/08/25 16:45	10/09/25 21:13	1
Aroclor 1242	0.069	U	0.069	0.018	mg/Kg	☼	10/08/25 16:45	10/09/25 21:13	1
Aroclor 1248	0.069	U	0.069	0.018	mg/Kg	☼	10/08/25 16:45	10/09/25 21:13	1
Aroclor 1254	0.069	U	0.069	0.018	mg/Kg	☼	10/08/25 16:45	10/09/25 21:13	1
Aroclor 1260	0.069	U	0.069	0.018	mg/Kg	☼	10/08/25 16:45	10/09/25 21:13	1
Aroclor-1262	0.069	U	0.069	0.018	mg/Kg	☼	10/08/25 16:45	10/09/25 21:13	1
Aroclor 1268	0.069	U	0.069	0.018	mg/Kg	☼	10/08/25 16:45	10/09/25 21:13	1
Polychlorinated biphenyls, Total	0.069	U	0.069	0.018	mg/Kg	☼	10/08/25 16:45	10/09/25 21:13	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
DCB Decachlorobiphenyl	*127*		*10 - 150*	*10/08/25 16:45*	*10/09/25 21:13*	*1*
DCB Decachlorobiphenyl	*121*		*10 - 150*	*10/08/25 16:45*	*10/09/25 21:13*	*1*
Tetrachloro-m-xylene	*106*		*10 - 150*	*10/08/25 16:45*	*10/09/25 21:13*	*1*
Tetrachloro-m-xylene	*115*		*10 - 150*	*10/08/25 16:45*	*10/09/25 21:13*	*1*

Method: EPA 1633A - Per- and Polyfluoroalkyl Substances by LC/MS/MS, 1633A

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Perfluorobutanoic acid (PFBA)	0.39	U	0.39	0.097	ug/Kg	☼	10/09/25 14:14	10/10/25 16:06	1
Perfluoropentanoic acid (PFPeA)	**0.099**	**J**	0.19	0.097	ug/Kg	☼	10/09/25 14:14	10/10/25 16:06	1
Perfluorohexanoic acid (PFHxA)	**0.11**	**J**	0.19	0.097	ug/Kg	☼	10/09/25 14:14	10/10/25 16:06	1
Perfluoroheptanoic acid (PFHpA)	**0.24**		0.19	0.097	ug/Kg	☼	10/09/25 14:14	10/10/25 16:06	1
Perfluorooctanoic acid (PFOA)	**0.47**		0.19	0.058	ug/Kg	☼	10/09/25 14:14	10/10/25 16:06	1
Perfluorononanoic acid (PFNA)	**0.94**		0.19	0.097	ug/Kg	☼	10/09/25 14:14	10/10/25 16:06	1
Perfluorodecanoic acid (PFDA)	**1.12**		0.19	0.058	ug/Kg	☼	10/09/25 14:14	10/10/25 16:06	1
Perfluoroundecanoic acid (PFUnA)	**1.60**		0.19	0.097	ug/Kg	☼	10/09/25 14:14	10/10/25 16:06	1
Perfluorododecanoic acid (PFDoA)	**0.81**		0.19	0.097	ug/Kg	☼	10/09/25 14:14	10/10/25 16:06	1
Perfluorotridecanoic acid (PFTrDA)	**3.27**		0.19	0.097	ug/Kg	☼	10/09/25 14:14	10/10/25 16:06	1

Client: Haley & Aldrich, Inc.
Project/Site: Former Port Mobil

Job ID: 460-336648-1

Client Sample ID: 49B_5-10
Date Collected: 10/07/25 14:40
Date Received: 10/07/25 17:15

Lab Sample ID: 460-336648-22
Matrix: Solid
Percent Solids: 96.7

Method: EPA 1633A - Per- and Polyfluoroalkyl Substances by LC/MS/MS, 1633A (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Perfluorotetradecanoic acid (PFTeDA)	**0.34**		0.19	0.097	ug/Kg	☼	10/09/25 14:14	10/10/25 16:06	1
Perfluorobutanesulfonic acid (PFBS)	0.19	U	0.19	0.097	ug/Kg	☼	10/09/25 14:14	10/10/25 16:06	1
Perfluoropentanesulfonic acid (PFPeS)	0.19	U	0.19	0.097	ug/Kg	☼	10/09/25 14:14	10/10/25 16:06	1
Perfluorohexanesulfonic acid (PFHxS)	0.19	U	0.19	0.097	ug/Kg	☼	10/09/25 14:14	10/10/25 16:06	1
Perfluoroheptanesulfonic acid (PFHpS)	0.19	U	0.19	0.097	ug/Kg	☼	10/09/25 14:14	10/10/25 16:06	1
Perfluorooctanesulfonic acid (PFOS)	0.19	U	0.19	0.097	ug/Kg	☼	10/09/25 14:14	10/10/25 16:06	1
Perfluorononanesulfonic acid (PFNS)	0.19	U	0.19	0.097	ug/Kg	☼	10/09/25 14:14	10/10/25 16:06	1
Perfluorodecanesulfonic acid (PFDS)	0.19	U	0.19	0.097	ug/Kg	☼	10/09/25 14:14	10/10/25 16:06	1
Perfluorododecanesulfonic acid (PFDoS)	0.19	U	0.19	0.097	ug/Kg	☼	10/09/25 14:14	10/10/25 16:06	1
1H,1H,2H,2H-Perfluorohexane sulfonic acid (4:2 FTS)	0.39	U	0.39	0.19	ug/Kg	☼	10/09/25 14:14	10/10/25 16:06	1
1H,1H,2H,2H-Perfluorooctane sulfonic acid (6:2 FTS)	0.39	U	0.39	0.19	ug/Kg	☼	10/09/25 14:14	10/10/25 16:06	1
1H,1H,2H,2H-Perfluorodecane sulfonic acid (8:2 FTS)	**0.71**		0.39	0.19	ug/Kg	☼	10/09/25 14:14	10/10/25 16:06	1
Perfluorooctanesulfonamide (PFOSA)	0.19	U	0.19	0.097	ug/Kg	☼	10/09/25 14:14	10/10/25 16:06	1
N-methylperfluorooctane sulfonamide (NMeFOSA)	0.19	U	0.19	0.097	ug/Kg	☼	10/09/25 14:14	10/10/25 16:06	1
N-ethylperfluorooctane sulfonamide (NEtFOSA)	0.19	U	0.19	0.097	ug/Kg	☼	10/09/25 14:14	10/10/25 16:06	1
N-methylperfluorooctanesulfonamidoacetic acid (NMeFOSAA)	0.19	U	0.19	0.097	ug/Kg	☼	10/09/25 14:14	10/10/25 16:06	1
N-ethylperfluorooctanesulfonamidoacetic acid (NEtFOSAA)	0.19	U	0.19	0.097	ug/Kg	☼	10/09/25 14:14	10/10/25 16:06	1
N-methylperfluorooctane sulfonamidoethanol (NMeFOSE)	0.97	U	0.97	0.49	ug/Kg	☼	10/09/25 14:14	10/10/25 16:06	1
N-ethylperfluorooctane sulfonamidoethanol (NEtFOSE)	0.97	U	0.97	0.49	ug/Kg	☼	10/09/25 14:14	10/10/25 16:06	1
Hexafluoropropylene Oxide Dimer Acid (HFPO-DA)	0.19	U	0.19	0.097	ug/Kg	☼	10/09/25 14:14	10/10/25 16:06	1
4,8-Dioxa-3H-perfluorononanoic acid (ADONA)	0.19	U	0.19	0.097	ug/Kg	☼	10/09/25 14:14	10/10/25 16:06	1
Perfluoro-3-methoxypropanoic acid (PFMPA)	0.19	U	0.19	0.097	ug/Kg	☼	10/09/25 14:14	10/10/25 16:06	1
Perfluoro-4-methoxybutanoic acid (PFMBA)	0.19	U	0.19	0.097	ug/Kg	☼	10/09/25 14:14	10/10/25 16:06	1
Nonafluoro-3,6-dioxaheptanoic acid (NFDHA)	0.19	U	0.19	0.097	ug/Kg	☼	10/09/25 14:14	10/10/25 16:06	1
9-Chlorohexadecafluoro-3-oxanonane-1-sulfonic acid (9Cl-PF3ONS)	0.19	U	0.19	0.097	ug/Kg	☼	10/09/25 14:14	10/10/25 16:06	1
11-Chloroeicosafluoro-3-oxaundecane-1-sulfonic acid (11Cl-PF3OUdS)	0.19	U	0.19	0.097	ug/Kg	☼	10/09/25 14:14	10/10/25 16:06	1
Perfluoro (2-ethoxyethane) sulfonic acid (PFEESA)	0.19	U	0.19	0.097	ug/Kg	☼	10/09/25 14:14	10/10/25 16:06	1
3-Perfluoropropylpropanoic acid (3:3 FTCA)	0.39	U	0.39	0.19	ug/Kg	☼	10/09/25 14:14	10/10/25 16:06	1
3-Perfluoropentylpropanoic acid (5:3 FTCA)	0.97	U	0.97	0.49	ug/Kg	☼	10/09/25 14:14	10/10/25 16:06	1
3-Perfluoroheptylpropanoic acid (7:3 FTCA)	0.97	U	0.97	0.49	ug/Kg	☼	10/09/25 14:14	10/10/25 16:06	1

Client Sample ID: 49B_5-10
Date Collected: 10/07/25 14:40
Date Received: 10/07/25 17:15

Lab Sample ID: 460-336648-22
Matrix: Solid
Percent Solids: 96.7

Isotope Dilution	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
13C4 PFBA	91.7		8 - 130	10/09/25 14:14	10/10/25 16:06	1
13C5 PFPeA	82.9		35 - 130	10/09/25 14:14	10/10/25 16:06	1
13C5 PFHxA	83.7		40 - 130	10/09/25 14:14	10/10/25 16:06	1
13C4 PFHpA	79.3		40 - 130	10/09/25 14:14	10/10/25 16:06	1
13C8 PFOA	81.0		40 - 130	10/09/25 14:14	10/10/25 16:06	1
13C9 PFNA	73.9		40 - 130	10/09/25 14:14	10/10/25 16:06	1
13C6 PFDA	62.9		40 - 130	10/09/25 14:14	10/10/25 16:06	1
13C7 PFUnA	56.1		40 - 130	10/09/25 14:14	10/10/25 16:06	1
13C2 PFTeDA	43.2		20 - 130	10/09/25 14:14	10/10/25 16:06	1
13C3 PFBS	81.2		40 - 135	10/09/25 14:14	10/10/25 16:06	1
13C3 PFHxS	76.0		40 - 130	10/09/25 14:14	10/10/25 16:06	1
13C8 PFOS	63.2		40 - 130	10/09/25 14:14	10/10/25 16:06	1
13C8 FOSA	66.1		40 - 130	10/09/25 14:14	10/10/25 16:06	1
d3-NMeFOSAA	49.1		40 - 135	10/09/25 14:14	10/10/25 16:06	1
d5-NEtFOSAA	55.8		40 - 150	10/09/25 14:14	10/10/25 16:06	1
13C2 4:2 FTS	106		40 - 165	10/09/25 14:14	10/10/25 16:06	1
13C2 6:2 FTS	88.6		40 - 215	10/09/25 14:14	10/10/25 16:06	1
13C2 8:2 FTS	64.0		40 - 275	10/09/25 14:14	10/10/25 16:06	1
13C3 HFPO-DA	84.3		40 - 130	10/09/25 14:14	10/10/25 16:06	1
d7-N-MeFOSE-M	25.3		20 - 130	10/09/25 14:14	10/10/25 16:06	1
d9-N-EtFOSE-M	21.9		15 - 130	10/09/25 14:14	10/10/25 16:06	1
d5-NEtPFOSA	41.1		10 - 130	10/09/25 14:14	10/10/25 16:06	1
d3-NMePFOSA	49.8		10 - 130	10/09/25 14:14	10/10/25 16:06	1
13C2 PFDoA	48.5		40 - 130	10/09/25 14:14	10/10/25 16:06	1

Method: SW846 6020B - Metals (ICP/MS)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Aluminum	5780		16.3	4.5	mg/Kg	☼	10/11/25 20:55	10/12/25 13:52	1
Antimony	6.5		0.81	0.12	mg/Kg	☼	10/11/25 20:55	10/12/25 13:52	1
Arsenic	14.8		0.81	0.084	mg/Kg	☼	10/11/25 20:55	10/12/25 13:52	1
Barium	78.4		1.6	0.12	mg/Kg	☼	10/11/25 20:55	10/12/25 13:52	1
Beryllium	1.8		0.33	0.018	mg/Kg	☼	10/11/25 20:55	10/12/25 13:52	1
Cadmium	0.43	J	0.81	0.092	mg/Kg	☼	10/11/25 20:55	10/12/25 13:52	1
Calcium	1490		81.5	7.9	mg/Kg	☼	10/11/25 20:55	10/12/25 13:52	1
Chromium	44.3		1.6	0.24	mg/Kg	☼	10/11/25 20:55	10/12/25 13:52	1
Cobalt	30.2		0.81	0.12	mg/Kg	☼	10/11/25 20:55	10/12/25 13:52	1
Copper	379		1.6	0.30	mg/Kg	☼	10/11/25 20:55	10/12/25 13:52	1
Iron	30100		48.9	6.2	mg/Kg	☼	10/11/25 20:55	10/12/25 13:52	1
Lead	492		0.49	0.16	mg/Kg	☼	10/11/25 20:55	10/12/25 13:52	1
Magnesium	1140		81.5	8.3	mg/Kg	☼	10/11/25 20:55	10/12/25 13:52	1
Manganese	153		3.3	0.33	mg/Kg	☼	10/11/25 20:55	10/12/25 13:52	1
Nickel	239		1.6	0.14	mg/Kg	☼	10/11/25 20:55	10/12/25 13:52	1
Potassium	1190		81.5	13.2	mg/Kg	☼	10/11/25 20:55	10/12/25 13:52	1
Selenium	2.5		1.0	0.10	mg/Kg	☼	10/11/25 20:55	10/12/25 13:52	1
Silver	0.74		0.33	0.073	mg/Kg	☼	10/11/25 20:55	10/12/25 13:52	1
Sodium	215		81.5	37.2	mg/Kg	☼	10/11/25 20:55	10/12/25 13:52	1
Thallium	0.043	J	0.33	0.033	mg/Kg	☼	10/11/25 20:55	10/12/25 13:52	1
Vanadium	30.3		1.6	0.17	mg/Kg	☼	10/11/25 20:55	10/12/25 13:52	1
Zinc	1030		6.5	0.89	mg/Kg	☼	10/11/25 20:55	10/12/25 13:52	1

Client Sample ID: 49B_5-10
Lab Sample ID: 460-336648-22

Date Collected: 10/07/25 14:40
Matrix: Solid
Date Received: 10/07/25 17:15
Percent Solids: 96.7

Method: SW846 7471B - Mercury (CVAA)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	0.024		0.018	0.0083	mg/Kg	☼	10/16/25 01:43	10/16/25 08:58	1

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Percent Moisture (EPA Moisture)	3.3		1.0	1.0	%			10/08/25 18:34	1
Percent Solids (EPA Moisture)	96.7		1.0	1.0	%			10/08/25 18:34	1

Client Sample ID: 44A1_1-2
Lab Sample ID: 460-336648-23

Date Collected: 10/07/25 09:10
Matrix: Solid
Date Received: 10/07/25 17:15
Percent Solids: 97.3

Method: SW846 8260D - Volatile Organic Compounds by GC/MS

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1-Trichloroethane	0.0010	U	0.0010	0.00024	mg/Kg	☼	10/10/25 10:22	10/10/25 12:48	1
1,1,2,2-Tetrachloroethane	0.0010	U	0.0010	0.00054	mg/Kg	☼	10/10/25 10:22	10/10/25 12:48	1
1,1,2-Trichloro-1,2,2-trifluoroethane	0.0010	U	0.0010	0.00031	mg/Kg	☼	10/10/25 10:22	10/10/25 12:48	1
1,1,2-Trichloroethane	0.0010	U	0.0010	0.00062	mg/Kg	☼	10/10/25 10:22	10/10/25 12:48	1
1,1-Dichloroethane	0.0010	U	0.0010	0.00062	mg/Kg	☼	10/10/25 10:22	10/10/25 12:48	1
1,1-Dichloroethene	0.0010	U	0.0010	0.00023	mg/Kg	☼	10/10/25 10:22	10/10/25 12:48	1
1,2,3-Trichlorobenzene	0.0010	U	0.0010	0.00077	mg/Kg	☼	10/10/25 10:22	10/10/25 12:48	1
1,2,4-Trichlorobenzene	0.0010	U	0.0010	0.00037	mg/Kg	☼	10/10/25 10:22	10/10/25 12:48	1
1,2,4-Trimethylbenzene	0.0010	U	0.0010	0.00026	mg/Kg	☼	10/10/25 10:22	10/10/25 12:48	1
1,2-Dibromo-3-Chloropropane	0.0010	U	0.0010	0.00048	mg/Kg	☼	10/10/25 10:22	10/10/25 12:48	1
1,2-Dichlorobenzene	0.0010	U	0.0010	0.00037	mg/Kg	☼	10/10/25 10:22	10/10/25 12:48	1
1,2-Dichloroethane	0.0010	U	0.0010	0.00031	mg/Kg	☼	10/10/25 10:22	10/10/25 12:48	1
1,2-Dichloropropane	0.0010	U	0.0010	0.00044	mg/Kg	☼	10/10/25 10:22	10/10/25 12:48	1
1,3,5-Trimethylbenzene	0.0010	U	0.0010	0.00033	mg/Kg	☼	10/10/25 10:22	10/10/25 12:48	1
1,3-Dichlorobenzene	0.0010	U	0.0010	0.00038	mg/Kg	☼	10/10/25 10:22	10/10/25 12:48	1
1,4-Dichlorobenzene	0.0010	U	0.0010	0.00054	mg/Kg	☼	10/10/25 10:22	10/10/25 12:48	1
2-Butanone (MEK)	0.0052	U	0.0052	0.00038	mg/Kg	☼	10/10/25 10:22	10/10/25 12:48	1
2-Hexanone	0.0052	U	0.0052	0.0018	mg/Kg	☼	10/10/25 10:22	10/10/25 12:48	1
4-Methyl-2-pentanone (MIBK)	0.0052	U *	0.0052	0.0016	mg/Kg	☼	10/10/25 10:22	10/10/25 12:48	1
Acetone	0.0062	U	0.0062	0.0059	mg/Kg	☼	10/10/25 10:22	10/10/25 12:48	1
Benzene	0.0010	U	0.0010	0.00059	mg/Kg	☼	10/10/25 10:22	10/10/25 12:48	1
Bromoform	0.0010	U	0.0010	0.00044	mg/Kg	☼	10/10/25 10:22	10/10/25 12:48	1
Bromomethane	0.0021	U	0.0021	0.0010	mg/Kg	☼	10/10/25 10:22	10/10/25 12:48	1
Carbon disulfide	0.0010	U	0.0010	0.00028	mg/Kg	☼	10/10/25 10:22	10/10/25 12:48	1
Carbon tetrachloride	0.0010	U	0.0010	0.00040	mg/Kg	☼	10/10/25 10:22	10/10/25 12:48	1
Chlorobenzene	0.0010	U	0.0010	0.00053	mg/Kg	☼	10/10/25 10:22	10/10/25 12:48	1
Chlorobromomethane	0.0010	U	0.0010	0.00062	mg/Kg	☼	10/10/25 10:22	10/10/25 12:48	1
Chlorodibromomethane	0.0010	U	0.0010	0.00056	mg/Kg	☼	10/10/25 10:22	10/10/25 12:48	1
Chloroethane	0.0010	U	0.0010	0.00054	mg/Kg	☼	10/10/25 10:22	10/10/25 12:48	1
Chloroform	0.0010	U	0.0010	0.0010	mg/Kg	☼	10/10/25 10:22	10/10/25 12:48	1
Chloromethane	0.0010	U	0.0010	0.00045	mg/Kg	☼	10/10/25 10:22	10/10/25 12:48	1
cis-1,2-Dichloroethene	0.0010	U	0.0010	0.00037	mg/Kg	☼	10/10/25 10:22	10/10/25 12:48	1
cis-1,3-Dichloropropene	0.0010	U	0.0010	0.00028	mg/Kg	☼	10/10/25 10:22	10/10/25 12:48	1
Cyclohexane	0.0010	U	0.0010	0.00023	mg/Kg	☼	10/10/25 10:22	10/10/25 12:48	1
Dichlorobromomethane	0.0010	U	0.0010	0.00027	mg/Kg	☼	10/10/25 10:22	10/10/25 12:48	1
Dichlorodifluoromethane	0.0010	U	0.0010	0.00035	mg/Kg	☼	10/10/25 10:22	10/10/25 12:48	1
Ethylbenzene	0.0010	U	0.0010	0.00049	mg/Kg	☼	10/10/25 10:22	10/10/25 12:48	1

Client Sample ID: 44A1_1-2

Lab Sample ID: 460-336648-23

Date Collected: 10/07/25 09:10
Matrix: Solid
Date Received: 10/07/25 17:15
Percent Solids: 97.3

Method: SW846 8260D - Volatile Organic Compounds by GC/MS (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Ethylene Dibromide	0.0010	U	0.0010	0.00052	mg/Kg	☼	10/10/25 10:22	10/10/25 12:48	1
Isopropylbenzene	0.0010	U	0.0010	0.00030	mg/Kg	☼	10/10/25 10:22	10/10/25 12:48	1
Methyl acetate	0.0052	U	0.0052	0.0045	mg/Kg	☼	10/10/25 10:22	10/10/25 12:48	1
Methyl tert-butyl ether	0.0010	U	0.0010	0.00053	mg/Kg	☼	10/10/25 10:22	10/10/25 12:48	1
Methylcyclohexane	0.0010	U	0.0010	0.00052	mg/Kg	☼	10/10/25 10:22	10/10/25 12:48	1
Methylene Chloride	0.0021	U	0.0021	0.0012	mg/Kg	☼	10/10/25 10:22	10/10/25 12:48	1
m-Xylene & p-Xylene	0.0010	U	0.0010	0.00044	mg/Kg	☼	10/10/25 10:22	10/10/25 12:48	1
n-Butylbenzene	0.0010	U	0.0010	0.00031	mg/Kg	☼	10/10/25 10:22	10/10/25 12:48	1
N-Propylbenzene	0.0010	U	0.0010	0.00047	mg/Kg	☼	10/10/25 10:22	10/10/25 12:48	1
o-Xylene	0.0010	U	0.0010	0.00048	mg/Kg	☼	10/10/25 10:22	10/10/25 12:48	1
sec-Butylbenzene	0.0010	U	0.0010	0.00030	mg/Kg	☼	10/10/25 10:22	10/10/25 12:48	1
Styrene	0.0010	U	0.0010	0.00029	mg/Kg	☼	10/10/25 10:22	10/10/25 12:48	1
tert-Butylbenzene	0.0010	U	0.0010	0.00029	mg/Kg	☼	10/10/25 10:22	10/10/25 12:48	1
Tetrachloroethene	0.0010	U	0.0010	0.00032	mg/Kg	☼	10/10/25 10:22	10/10/25 12:48	1
Toluene	0.0010	U	0.0010	0.00024	mg/Kg	☼	10/10/25 10:22	10/10/25 12:48	1
trans-1,2-Dichloroethene	0.0010	U	0.0010	0.00026	mg/Kg	☼	10/10/25 10:22	10/10/25 12:48	1
trans-1,3-Dichloropropene	0.0010	U	0.0010	0.00028	mg/Kg	☼	10/10/25 10:22	10/10/25 12:48	1
Trichloroethene	0.0010	U	0.0010	0.00033	mg/Kg	☼	10/10/25 10:22	10/10/25 12:48	1
Trichlorofluoromethane	0.0010	U	0.0010	0.00042	mg/Kg	☼	10/10/25 10:22	10/10/25 12:48	1
Vinyl chloride	0.0010	U	0.0010	0.00057	mg/Kg	☼	10/10/25 10:22	10/10/25 12:48	1
Xylenes, Total	0.0021	U	0.0021	0.00018	mg/Kg	☼	10/10/25 10:22	10/10/25 12:48	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,2-Dichloroethane-d4 (Surr)	*112*		*65 - 138*	*10/10/25 10:22*	*10/10/25 12:48*	*1*
4-Bromofluorobenzene	*102*		*71 - 128*	*10/10/25 10:22*	*10/10/25 12:48*	*1*
Dibromofluoromethane (Surr)	*120*		*50 - 150*	*10/10/25 10:22*	*10/10/25 12:48*	*1*
Toluene-d8 (Surr)	*96*		*71 - 126*	*10/10/25 10:22*	*10/10/25 12:48*	*1*

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Percent Moisture (EPA Moisture)	**2.7**		1.0	1.0	%			10/12/25 15:03	1
Percent Solids (EPA Moisture)	**97.3**		1.0	1.0	%			10/12/25 15:03	1

Client Sample ID: 44A2_2-3

Lab Sample ID: 460-336648-24

Date Collected: 10/07/25 09:15
Matrix: Solid
Date Received: 10/07/25 17:15
Percent Solids: 99.0

Method: SW846 8260D - Volatile Organic Compounds by GC/MS

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1-Trichloroethane	0.0011	U	0.0011	0.00025	mg/Kg	☼	10/10/25 10:22	10/10/25 13:11	1
1,1,2,2-Tetrachloroethane	0.0011	U	0.0011	0.00057	mg/Kg	☼	10/10/25 10:22	10/10/25 13:11	1
1,1,2-Trichloro-1,2,2-trifluoroethane	0.0011	U	0.0011	0.00033	mg/Kg	☼	10/10/25 10:22	10/10/25 13:11	1
1,1,2-Trichloroethane	0.0011	U	0.0011	0.00065	mg/Kg	☼	10/10/25 10:22	10/10/25 13:11	1
1,1-Dichloroethane	0.0011	U	0.0011	0.00065	mg/Kg	☼	10/10/25 10:22	10/10/25 13:11	1
1,1-Dichloroethene	0.0011	U	0.0011	0.00025	mg/Kg	☼	10/10/25 10:22	10/10/25 13:11	1
1,2,3-Trichlorobenzene	0.0011	U	0.0011	0.00080	mg/Kg	☼	10/10/25 10:22	10/10/25 13:11	1
1,2,4-Trichlorobenzene	0.0011	U	0.0011	0.00039	mg/Kg	☼	10/10/25 10:22	10/10/25 13:11	1
1,2,4-Trimethylbenzene	0.0011	U	0.0011	0.00027	mg/Kg	☼	10/10/25 10:22	10/10/25 13:11	1
1,2-Dibromo-3-Chloropropane	0.0011	U	0.0011	0.00050	mg/Kg	☼	10/10/25 10:22	10/10/25 13:11	1
1,2-Dichlorobenzene	0.0011	U	0.0011	0.00039	mg/Kg	☼	10/10/25 10:22	10/10/25 13:11	1

Client Sample ID: 44A2_2-3
Date Collected: 10/07/25 09:15
Date Received: 10/07/25 17:15

Lab Sample ID: 460-336648-24
Matrix: Solid
Percent Solids: 99.0

Method: SW846 8260D - Volatile Organic Compounds by GC/MS (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,2-Dichloroethane	0.0011	U	0.0011	0.00032	mg/Kg	☼	10/10/25 10:22	10/10/25 13:11	1
1,2-Dichloropropane	0.0011	U	0.0011	0.00046	mg/Kg	☼	10/10/25 10:22	10/10/25 13:11	1
1,3,5-Trimethylbenzene	0.0011	U	0.0011	0.00034	mg/Kg	☼	10/10/25 10:22	10/10/25 13:11	1
1,3-Dichlorobenzene	0.0011	U	0.0011	0.00040	mg/Kg	☼	10/10/25 10:22	10/10/25 13:11	1
1,4-Dichlorobenzene	0.0011	U	0.0011	0.00057	mg/Kg	☼	10/10/25 10:22	10/10/25 13:11	1
2-Butanone (MEK)	0.0054	U	0.0054	0.00040	mg/Kg	☼	10/10/25 10:22	10/10/25 13:11	1
2-Hexanone	0.0054	U	0.0054	0.0019	mg/Kg	☼	10/10/25 10:22	10/10/25 13:11	1
4-Methyl-2-pentanone (MIBK)	0.0054	U *	0.0054	0.0017	mg/Kg	☼	10/10/25 10:22	10/10/25 13:11	1
Acetone	0.0065	U	0.0065	0.0062	mg/Kg	☼	10/10/25 10:22	10/10/25 13:11	1
Benzene	0.0011	U	0.0011	0.00062	mg/Kg	☼	10/10/25 10:22	10/10/25 13:11	1
Bromoform	0.0011	U	0.0011	0.00046	mg/Kg	☼	10/10/25 10:22	10/10/25 13:11	1
Bromomethane	0.0022	U	0.0022	0.0011	mg/Kg	☼	10/10/25 10:22	10/10/25 13:11	1
Carbon disulfide	0.0011	U	0.0011	0.00029	mg/Kg	☼	10/10/25 10:22	10/10/25 13:11	1
Carbon tetrachloride	0.0011	U	0.0011	0.00042	mg/Kg	☼	10/10/25 10:22	10/10/25 13:11	1
Chlorobenzene	0.0011	U	0.0011	0.00055	mg/Kg	☼	10/10/25 10:22	10/10/25 13:11	1
Chlorobromomethane	0.0011	U	0.0011	0.00065	mg/Kg	☼	10/10/25 10:22	10/10/25 13:11	1
Chlorodibromomethane	0.0011	U	0.0011	0.00059	mg/Kg	☼	10/10/25 10:22	10/10/25 13:11	1
Chloroethane	0.0011	U	0.0011	0.00057	mg/Kg	☼	10/10/25 10:22	10/10/25 13:11	1
Chloroform	0.0011	U	0.0011	0.0011	mg/Kg	☼	10/10/25 10:22	10/10/25 13:11	1
Chloromethane	0.0011	U	0.0011	0.00047	mg/Kg	☼	10/10/25 10:22	10/10/25 13:11	1
cis-1,2-Dichloroethene	0.0011	U	0.0011	0.00039	mg/Kg	☼	10/10/25 10:22	10/10/25 13:11	1
cis-1,3-Dichloropropene	0.0011	U	0.0011	0.00030	mg/Kg	☼	10/10/25 10:22	10/10/25 13:11	1
Cyclohexane	0.0011	U	0.0011	0.00024	mg/Kg	☼	10/10/25 10:22	10/10/25 13:11	1
Dichlorobromomethane	0.0011	U	0.0011	0.00028	mg/Kg	☼	10/10/25 10:22	10/10/25 13:11	1
Dichlorodifluoromethane	0.0011	U	0.0011	0.00037	mg/Kg	☼	10/10/25 10:22	10/10/25 13:11	1
Ethylbenzene	0.0011	U	0.0011	0.00051	mg/Kg	☼	10/10/25 10:22	10/10/25 13:11	1
Ethylene Dibromide	0.0011	U	0.0011	0.00055	mg/Kg	☼	10/10/25 10:22	10/10/25 13:11	1
Isopropylbenzene	0.0011	U	0.0011	0.00031	mg/Kg	☼	10/10/25 10:22	10/10/25 13:11	1
Methyl acetate	0.0054	U	0.0054	0.0047	mg/Kg	☼	10/10/25 10:22	10/10/25 13:11	1
Methyl tert-butyl ether	0.0011	U	0.0011	0.00056	mg/Kg	☼	10/10/25 10:22	10/10/25 13:11	1
Methylcyclohexane	0.0011	U	0.0011	0.00054	mg/Kg	☼	10/10/25 10:22	10/10/25 13:11	1
Methylene Chloride	0.0022	U	0.0022	0.0012	mg/Kg	☼	10/10/25 10:22	10/10/25 13:11	1
m-Xylene & p-Xylene	0.0011	U	0.0011	0.00046	mg/Kg	☼	10/10/25 10:22	10/10/25 13:11	1
n-Butylbenzene	0.0011	U	0.0011	0.00032	mg/Kg	☼	10/10/25 10:22	10/10/25 13:11	1
N-Propylbenzene	0.0011	U	0.0011	0.00049	mg/Kg	☼	10/10/25 10:22	10/10/25 13:11	1
o-Xylene	0.0011	U	0.0011	0.00050	mg/Kg	☼	10/10/25 10:22	10/10/25 13:11	1
sec-Butylbenzene	0.0011	U	0.0011	0.00031	mg/Kg	☼	10/10/25 10:22	10/10/25 13:11	1
Styrene	0.0011	U	0.0011	0.00030	mg/Kg	☼	10/10/25 10:22	10/10/25 13:11	1
tert-Butylbenzene	0.0011	U	0.0011	0.00030	mg/Kg	☼	10/10/25 10:22	10/10/25 13:11	1
Tetrachloroethene	0.0011	U	0.0011	0.00033	mg/Kg	☼	10/10/25 10:22	10/10/25 13:11	1
Toluene	**0.00042**	**J**	0.0011	0.00026	mg/Kg	☼	10/10/25 10:22	10/10/25 13:11	1
trans-1,2-Dichloroethene	0.0011	U	0.0011	0.00027	mg/Kg	☼	10/10/25 10:22	10/10/25 13:11	1
trans-1,3-Dichloropropene	0.0011	U	0.0011	0.00029	mg/Kg	☼	10/10/25 10:22	10/10/25 13:11	1
Trichloroethene	0.0011	U	0.0011	0.00035	mg/Kg	☼	10/10/25 10:22	10/10/25 13:11	1
Trichlorofluoromethane	0.0011	U	0.0011	0.00044	mg/Kg	☼	10/10/25 10:22	10/10/25 13:11	1
Vinyl chloride	0.0011	U	0.0011	0.00060	mg/Kg	☼	10/10/25 10:22	10/10/25 13:11	1
Xylenes, Total	0.0022	U	0.0022	0.00019	mg/Kg	☼	10/10/25 10:22	10/10/25 13:11	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,2-Dichloroethane-d4 (Surr)	*113*		*65 - 138*	*10/10/25 10:22*	*10/10/25 13:11*	*1*

Client Sample ID: 44A2_2-3

Lab Sample ID: 460-336648-24

Date Collected: 10/07/25 09:15
Matrix: Solid
Date Received: 10/07/25 17:15
Percent Solids: 99.0

Method: SW846 8260D - Volatile Organic Compounds by GC/MS (Continued)

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene	*101*		*71 - 128*	*10/10/25 10:22*	*10/10/25 13:11*	*1*
Dibromofluoromethane (Surr)	*122*		*50 - 150*	*10/10/25 10:22*	*10/10/25 13:11*	*1*
Toluene-d8 (Surr)	*95*		*71 - 126*	*10/10/25 10:22*	*10/10/25 13:11*	*1*

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Percent Moisture (EPA Moisture)	**1.0**		1.0	1.0	%			10/12/25 15:03	1
Percent Solids (EPA Moisture)	**99.0**		1.0	1.0	%			10/12/25 15:03	1

Client Sample ID: 44A3_3-4

Lab Sample ID: 460-336648-25

Date Collected: 10/07/25 09:20
Matrix: Solid
Date Received: 10/07/25 17:15
Percent Solids: 95.5

Method: SW846 8260D - Volatile Organic Compounds by GC/MS

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1-Trichloroethane	0.00092	U	0.00092	0.00021	mg/Kg	☼	10/10/25 10:22	10/10/25 13:34	1
1,1,2,2-Tetrachloroethane	0.00092	U	0.00092	0.00048	mg/Kg	☼	10/10/25 10:22	10/10/25 13:34	1
1,1,2-Trichloro-1,2,2-trifluoroethane	0.00092	U	0.00092	0.00028	mg/Kg	☼	10/10/25 10:22	10/10/25 13:34	1
1,1,2-Trichloroethane	0.00092	U	0.00092	0.00055	mg/Kg	☼	10/10/25 10:22	10/10/25 13:34	1
1,1-Dichloroethane	0.00092	U	0.00092	0.00055	mg/Kg	☼	10/10/25 10:22	10/10/25 13:34	1
1,1-Dichloroethene	0.00092	U	0.00092	0.00021	mg/Kg	☼	10/10/25 10:22	10/10/25 13:34	1
1,2,3-Trichlorobenzene	0.00092	U	0.00092	0.00068	mg/Kg	☼	10/10/25 10:22	10/10/25 13:34	1
1,2,4-Trichlorobenzene	0.00092	U	0.00092	0.00033	mg/Kg	☼	10/10/25 10:22	10/10/25 13:34	1
1,2,4-Trimethylbenzene	0.00092	U	0.00092	0.00023	mg/Kg	☼	10/10/25 10:22	10/10/25 13:34	1
1,2-Dibromo-3-Chloropropane	0.00092	U	0.00092	0.00042	mg/Kg	☼	10/10/25 10:22	10/10/25 13:34	1
1,2-Dichlorobenzene	0.00092	U	0.00092	0.00033	mg/Kg	☼	10/10/25 10:22	10/10/25 13:34	1
1,2-Dichloroethane	0.00092	U	0.00092	0.00027	mg/Kg	☼	10/10/25 10:22	10/10/25 13:34	1
1,2-Dichloropropane	0.00092	U	0.00092	0.00039	mg/Kg	☼	10/10/25 10:22	10/10/25 13:34	1
1,3,5-Trimethylbenzene	0.00092	U	0.00092	0.00029	mg/Kg	☼	10/10/25 10:22	10/10/25 13:34	1
1,3-Dichlorobenzene	0.00092	U	0.00092	0.00034	mg/Kg	☼	10/10/25 10:22	10/10/25 13:34	1
1,4-Dichlorobenzene	0.00092	U	0.00092	0.00048	mg/Kg	☼	10/10/25 10:22	10/10/25 13:34	1
2-Butanone (MEK)	0.0046	U	0.0046	0.00034	mg/Kg	☼	10/10/25 10:22	10/10/25 13:34	1
2-Hexanone	0.0046	U	0.0046	0.0016	mg/Kg	☼	10/10/25 10:22	10/10/25 13:34	1
4-Methyl-2-pentanone (MIBK)	0.0046	U *	0.0046	0.0014	mg/Kg	☼	10/10/25 10:22	10/10/25 13:34	1
Acetone	0.0055	U	0.0055	0.0053	mg/Kg	☼	10/10/25 10:22	10/10/25 13:34	1
Benzene	0.00092	U	0.00092	0.00052	mg/Kg	☼	10/10/25 10:22	10/10/25 13:34	1
Bromoform	0.00092	U	0.00092	0.00039	mg/Kg	☼	10/10/25 10:22	10/10/25 13:34	1
Bromomethane	0.0018	U	0.0018	0.00092	mg/Kg	☼	10/10/25 10:22	10/10/25 13:34	1
Carbon disulfide	0.00092	U	0.00092	0.00024	mg/Kg	☼	10/10/25 10:22	10/10/25 13:34	1
Carbon tetrachloride	0.00092	U	0.00092	0.00036	mg/Kg	☼	10/10/25 10:22	10/10/25 13:34	1
Chlorobenzene	0.00092	U	0.00092	0.00047	mg/Kg	☼	10/10/25 10:22	10/10/25 13:34	1
Chlorobromomethane	0.00092	U	0.00092	0.00055	mg/Kg	☼	10/10/25 10:22	10/10/25 13:34	1
Chlorodibromomethane	0.00092	U	0.00092	0.00049	mg/Kg	☼	10/10/25 10:22	10/10/25 13:34	1
Chloroethane	0.00092	U	0.00092	0.00048	mg/Kg	☼	10/10/25 10:22	10/10/25 13:34	1
Chloroform	0.00092	U	0.00092	0.00089	mg/Kg	☼	10/10/25 10:22	10/10/25 13:34	1
Chloromethane	0.00092	U	0.00092	0.00040	mg/Kg	☼	10/10/25 10:22	10/10/25 13:34	1
cis-1,2-Dichloroethene	0.00092	U	0.00092	0.00033	mg/Kg	☼	10/10/25 10:22	10/10/25 13:34	1
cis-1,3-Dichloropropene	0.00092	U	0.00092	0.00025	mg/Kg	☼	10/10/25 10:22	10/10/25 13:34	1
Cyclohexane	0.00092	U	0.00092	0.00020	mg/Kg	☼	10/10/25 10:22	10/10/25 13:34	1
Dichlorobromomethane	0.00092	U	0.00092	0.00024	mg/Kg	☼	10/10/25 10:22	10/10/25 13:34	1

Client Sample ID: 44A3_3-4

Lab Sample ID: 460-336648-25

Date Collected: 10/07/25 09:20
Matrix: Solid
Date Received: 10/07/25 17:15
Percent Solids: 95.5

Method: SW846 8260D - Volatile Organic Compounds by GC/MS (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Dichlorodifluoromethane	0.00092	U	0.00092	0.00031	mg/Kg	☼	10/10/25 10:22	10/10/25 13:34	1
Ethylbenzene	0.00092	U	0.00092	0.00043	mg/Kg	☼	10/10/25 10:22	10/10/25 13:34	1
Ethylene Dibromide	0.00092	U	0.00092	0.00046	mg/Kg	☼	10/10/25 10:22	10/10/25 13:34	1
Isopropylbenzene	0.00092	U	0.00092	0.00026	mg/Kg	☼	10/10/25 10:22	10/10/25 13:34	1
Methyl acetate	0.0046	U	0.0046	0.0039	mg/Kg	☼	10/10/25 10:22	10/10/25 13:34	1
Methyl tert-butyl ether	0.00092	U	0.00092	0.00047	mg/Kg	☼	10/10/25 10:22	10/10/25 13:34	1
Methylcyclohexane	0.00092	U	0.00092	0.00046	mg/Kg	☼	10/10/25 10:22	10/10/25 13:34	1
Methylene Chloride	0.0018	U	0.0018	0.0011	mg/Kg	☼	10/10/25 10:22	10/10/25 13:34	1
m-Xylene & p-Xylene	0.00092	U	0.00092	0.00039	mg/Kg	☼	10/10/25 10:22	10/10/25 13:34	1
n-Butylbenzene	0.00092	U	0.00092	0.00027	mg/Kg	☼	10/10/25 10:22	10/10/25 13:34	1
N-Propylbenzene	0.00092	U	0.00092	0.00041	mg/Kg	☼	10/10/25 10:22	10/10/25 13:34	1
o-Xylene	0.00092	U	0.00092	0.00042	mg/Kg	☼	10/10/25 10:22	10/10/25 13:34	1
sec-Butylbenzene	0.00092	U	0.00092	0.00026	mg/Kg	☼	10/10/25 10:22	10/10/25 13:34	1
Styrene	0.00092	U	0.00092	0.00026	mg/Kg	☼	10/10/25 10:22	10/10/25 13:34	1
tert-Butylbenzene	0.00092	U	0.00092	0.00025	mg/Kg	☼	10/10/25 10:22	10/10/25 13:34	1
Tetrachloroethene	0.00092	U	0.00092	0.00028	mg/Kg	☼	10/10/25 10:22	10/10/25 13:34	1
Toluene	0.00092	U	0.00092	0.00021	mg/Kg	☼	10/10/25 10:22	10/10/25 13:34	1
trans-1,2-Dichloroethene	0.00092	U	0.00092	0.00023	mg/Kg	☼	10/10/25 10:22	10/10/25 13:34	1
trans-1,3-Dichloropropene	0.00092	U	0.00092	0.00024	mg/Kg	☼	10/10/25 10:22	10/10/25 13:34	1
Trichloroethene	0.00092	U	0.00092	0.00029	mg/Kg	☼	10/10/25 10:22	10/10/25 13:34	1
Trichlorofluoromethane	0.00092	U	0.00092	0.00037	mg/Kg	☼	10/10/25 10:22	10/10/25 13:34	1
Vinyl chloride	0.00092	U	0.00092	0.00050	mg/Kg	☼	10/10/25 10:22	10/10/25 13:34	1
Xylenes, Total	0.0018	U	0.0018	0.00016	mg/Kg	☼	10/10/25 10:22	10/10/25 13:34	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,2-Dichloroethane-d4 (Surr)	*112*		*65 - 138*	*10/10/25 10:22*	*10/10/25 13:34*	*1*
4-Bromofluorobenzene	*101*		*71 - 128*	*10/10/25 10:22*	*10/10/25 13:34*	*1*
Dibromofluoromethane (Surr)	*119*		*50 - 150*	*10/10/25 10:22*	*10/10/25 13:34*	*1*
Toluene-d8 (Surr)	*94*		*71 - 126*	*10/10/25 10:22*	*10/10/25 13:34*	*1*

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Percent Moisture (EPA Moisture)	**4.5**		1.0	1.0	%			10/12/25 15:03	1
Percent Solids (EPA Moisture)	**95.5**		1.0	1.0	%			10/12/25 15:03	1

Client Sample ID: 44A1_4-5

Lab Sample ID: 460-336648-26

Date Collected: 10/07/25 09:25
Matrix: Solid
Date Received: 10/07/25 17:15
Percent Solids: 98.4

Method: SW846 8260D - Volatile Organic Compounds by GC/MS

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1-Trichloroethane	0.0012	U	0.0012	0.00027	mg/Kg	☼	10/10/25 10:22	10/10/25 13:57	1
1,1,2,2-Tetrachloroethane	0.0012	U	0.0012	0.00061	mg/Kg	☼	10/10/25 10:22	10/10/25 13:57	1
1,1,2-Trichloro-1,2,2-trifluoroethane	0.0012	U	0.0012	0.00035	mg/Kg	☼	10/10/25 10:22	10/10/25 13:57	1
1,1,2-Trichloroethane	0.0012	U	0.0012	0.00070	mg/Kg	☼	10/10/25 10:22	10/10/25 13:57	1
1,1-Dichloroethane	0.0012	U	0.0012	0.00070	mg/Kg	☼	10/10/25 10:22	10/10/25 13:57	1
1,1-Dichloroethene	0.0012	U	0.0012	0.00026	mg/Kg	☼	10/10/25 10:22	10/10/25 13:57	1
1,2,3-Trichlorobenzene	0.0012	U	0.0012	0.00087	mg/Kg	☼	10/10/25 10:22	10/10/25 13:57	1
1,2,4-Trichlorobenzene	0.0012	U	0.0012	0.00042	mg/Kg	☼	10/10/25 10:22	10/10/25 13:57	1
1,2,4-Trimethylbenzene	0.0012	U	0.0012	0.00029	mg/Kg	☼	10/10/25 10:22	10/10/25 13:57	1

Client: Haley & Aldrich, Inc.
Project/Site: Former Port Mobil

Job ID: 460-336648-1

Client Sample ID: 44A1_4-5
Date Collected: 10/07/25 09:25
Date Received: 10/07/25 17:15

Lab Sample ID: 460-336648-26
Matrix: Solid
Percent Solids: 98.4

Method: SW846 8260D - Volatile Organic Compounds by GC/MS (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,2-Dibromo-3-Chloropropane	0.0012	U	0.0012	0.00054	mg/Kg	☼	10/10/25 10:22	10/10/25 13:57	1
1,2-Dichlorobenzene	0.0012	U	0.0012	0.00042	mg/Kg	☼	10/10/25 10:22	10/10/25 13:57	1
1,2-Dichloroethane	0.0012	U	0.0012	0.00035	mg/Kg	☼	10/10/25 10:22	10/10/25 13:57	1
1,2-Dichloropropane	0.0012	U	0.0012	0.00050	mg/Kg	☼	10/10/25 10:22	10/10/25 13:57	1
1,3,5-Trimethylbenzene	0.0012	U	0.0012	0.00037	mg/Kg	☼	10/10/25 10:22	10/10/25 13:57	1
1,3-Dichlorobenzene	0.0012	U	0.0012	0.00043	mg/Kg	☼	10/10/25 10:22	10/10/25 13:57	1
1,4-Dichlorobenzene	0.0012	U	0.0012	0.00061	mg/Kg	☼	10/10/25 10:22	10/10/25 13:57	1
2-Butanone (MEK)	0.0059	U	0.0059	0.00043	mg/Kg	☼	10/10/25 10:22	10/10/25 13:57	1
2-Hexanone	0.0059	U	0.0059	0.0020	mg/Kg	☼	10/10/25 10:22	10/10/25 13:57	1
4-Methyl-2-pentanone (MIBK)	0.0059	U *	0.0059	0.0018	mg/Kg	☼	10/10/25 10:22	10/10/25 13:57	1
Acetone	**0.015**		0.0070	0.0067	mg/Kg	☼	10/10/25 10:22	10/10/25 13:57	1
Benzene	0.0012	U	0.0012	0.00067	mg/Kg	☼	10/10/25 10:22	10/10/25 13:57	1
Bromoform	0.0012	U	0.0012	0.00050	mg/Kg	☼	10/10/25 10:22	10/10/25 13:57	1
Bromomethane	0.0023	U	0.0023	0.0012	mg/Kg	☼	10/10/25 10:22	10/10/25 13:57	1
Carbon disulfide	0.0012	U	0.0012	0.00031	mg/Kg	☼	10/10/25 10:22	10/10/25 13:57	1
Carbon tetrachloride	0.0012	U	0.0012	0.00045	mg/Kg	☼	10/10/25 10:22	10/10/25 13:57	1
Chlorobenzene	0.0012	U	0.0012	0.00059	mg/Kg	☼	10/10/25 10:22	10/10/25 13:57	1
Chlorobromomethane	0.0012	U	0.0012	0.00070	mg/Kg	☼	10/10/25 10:22	10/10/25 13:57	1
Chlorodibromomethane	0.0012	U	0.0012	0.00063	mg/Kg	☼	10/10/25 10:22	10/10/25 13:57	1
Chloroethane	0.0012	U	0.0012	0.00061	mg/Kg	☼	10/10/25 10:22	10/10/25 13:57	1
Chloroform	0.0012	U	0.0012	0.0011	mg/Kg	☼	10/10/25 10:22	10/10/25 13:57	1
Chloromethane	0.0012	U	0.0012	0.00051	mg/Kg	☼	10/10/25 10:22	10/10/25 13:57	1
cis-1,2-Dichloroethene	0.0012	U	0.0012	0.00042	mg/Kg	☼	10/10/25 10:22	10/10/25 13:57	1
cis-1,3-Dichloropropene	0.0012	U	0.0012	0.00032	mg/Kg	☼	10/10/25 10:22	10/10/25 13:57	1
Cyclohexane	0.0012	U	0.0012	0.00026	mg/Kg	☼	10/10/25 10:22	10/10/25 13:57	1
Dichlorobromomethane	0.0012	U	0.0012	0.00030	mg/Kg	☼	10/10/25 10:22	10/10/25 13:57	1
Dichlorodifluoromethane	0.0012	U	0.0012	0.00040	mg/Kg	☼	10/10/25 10:22	10/10/25 13:57	1
Ethylbenzene	0.0012	U	0.0012	0.00055	mg/Kg	☼	10/10/25 10:22	10/10/25 13:57	1
Ethylene Dibromide	0.0012	U	0.0012	0.00059	mg/Kg	☼	10/10/25 10:22	10/10/25 13:57	1
Isopropylbenzene	0.0012	U	0.0012	0.00033	mg/Kg	☼	10/10/25 10:22	10/10/25 13:57	1
Methyl acetate	0.0059	U	0.0059	0.0050	mg/Kg	☼	10/10/25 10:22	10/10/25 13:57	1
Methyl tert-butyl ether	0.0012	U	0.0012	0.00060	mg/Kg	☼	10/10/25 10:22	10/10/25 13:57	1
Methylcyclohexane	0.0012	U	0.0012	0.00059	mg/Kg	☼	10/10/25 10:22	10/10/25 13:57	1
Methylene Chloride	0.0023	U	0.0023	0.0013	mg/Kg	☼	10/10/25 10:22	10/10/25 13:57	1
m-Xylene & p-Xylene	0.0012	U	0.0012	0.00050	mg/Kg	☼	10/10/25 10:22	10/10/25 13:57	1
n-Butylbenzene	0.0012	U	0.0012	0.00034	mg/Kg	☼	10/10/25 10:22	10/10/25 13:57	1
N-Propylbenzene	0.0012	U	0.0012	0.00053	mg/Kg	☼	10/10/25 10:22	10/10/25 13:57	1
o-Xylene	0.0012	U	0.0012	0.00054	mg/Kg	☼	10/10/25 10:22	10/10/25 13:57	1
sec-Butylbenzene	0.0012	U	0.0012	0.00034	mg/Kg	☼	10/10/25 10:22	10/10/25 13:57	1
Styrene	0.0012	U	0.0012	0.00033	mg/Kg	☼	10/10/25 10:22	10/10/25 13:57	1
tert-Butylbenzene	0.0012	U	0.0012	0.00032	mg/Kg	☼	10/10/25 10:22	10/10/25 13:57	1
Tetrachloroethene	0.0012	U	0.0012	0.00036	mg/Kg	☼	10/10/25 10:22	10/10/25 13:57	1
Toluene	0.0012	U	0.0012	0.00027	mg/Kg	☼	10/10/25 10:22	10/10/25 13:57	1
trans-1,2-Dichloroethene	0.0012	U	0.0012	0.00029	mg/Kg	☼	10/10/25 10:22	10/10/25 13:57	1
trans-1,3-Dichloropropene	0.0012	U	0.0012	0.00031	mg/Kg	☼	10/10/25 10:22	10/10/25 13:57	1
Trichloroethene	0.0012	U	0.0012	0.00038	mg/Kg	☼	10/10/25 10:22	10/10/25 13:57	1
Trichlorofluoromethane	0.0012	U	0.0012	0.00048	mg/Kg	☼	10/10/25 10:22	10/10/25 13:57	1
Vinyl chloride	0.0012	U	0.0012	0.00064	mg/Kg	☼	10/10/25 10:22	10/10/25 13:57	1
Xylenes, Total	0.0023	U	0.0023	0.00020	mg/Kg	☼	10/10/25 10:22	10/10/25 13:57	1

Client Sample ID: 44A1_4-5

Lab Sample ID: 460-336648-26

Date Collected: 10/07/25 09:25
Matrix: Solid
Date Received: 10/07/25 17:15
Percent Solids: 98.4

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,2-Dichloroethane-d4 (Surr)	*112*		*65 - 138*	*10/10/25 10:22*	*10/10/25 13:57*	*1*
4-Bromofluorobenzene	*101*		*71 - 128*	*10/10/25 10:22*	*10/10/25 13:57*	*1*
Dibromofluoromethane (Surr)	*117*		*50 - 150*	*10/10/25 10:22*	*10/10/25 13:57*	*1*
Toluene-d8 (Surr)	*94*		*71 - 126*	*10/10/25 10:22*	*10/10/25 13:57*	*1*

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Percent Moisture (EPA Moisture)	**1.6**		1.0	1.0	%			10/12/25 15:03	1
Percent Solids (EPA Moisture)	**98.4**		1.0	1.0	%			10/12/25 15:03	1

Client Sample ID: 44A2_5-6

Lab Sample ID: 460-336648-27

Date Collected: 10/07/25 09:30
Matrix: Solid
Date Received: 10/07/25 17:15
Percent Solids: 99.2

Method: SW846 8260D - Volatile Organic Compounds by GC/MS

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1-Trichloroethane	0.0011	U	0.0011	0.00025	mg/Kg	☼	10/10/25 10:23	10/10/25 14:20	1
1,1,2,2-Tetrachloroethane	0.0011	U	0.0011	0.00055	mg/Kg	☼	10/10/25 10:23	10/10/25 14:20	1
1,1,2-Trichloro-1,2,2-trifluoroethane	0.0011	U	0.0011	0.00032	mg/Kg	☼	10/10/25 10:23	10/10/25 14:20	1
1,1,2-Trichloroethane	0.0011	U	0.0011	0.00064	mg/Kg	☼	10/10/25 10:23	10/10/25 14:20	1
1,1-Dichloroethane	0.0011	U	0.0011	0.00063	mg/Kg	☼	10/10/25 10:23	10/10/25 14:20	1
1,1-Dichloroethene	0.0011	U	0.0011	0.00024	mg/Kg	☼	10/10/25 10:23	10/10/25 14:20	1
1,2,3-Trichlorobenzene	0.0011	U	0.0011	0.00078	mg/Kg	☼	10/10/25 10:23	10/10/25 14:20	1
1,2,4-Trichlorobenzene	0.0011	U	0.0011	0.00038	mg/Kg	☼	10/10/25 10:23	10/10/25 14:20	1
1,2,4-Trimethylbenzene	0.0011	U	0.0011	0.00026	mg/Kg	☼	10/10/25 10:23	10/10/25 14:20	1
1,2-Dibromo-3-Chloropropane	0.0011	U	0.0011	0.00049	mg/Kg	☼	10/10/25 10:23	10/10/25 14:20	1
1,2-Dichlorobenzene	0.0011	U	0.0011	0.00038	mg/Kg	☼	10/10/25 10:23	10/10/25 14:20	1
1,2-Dichloroethane	0.0011	U	0.0011	0.00031	mg/Kg	☼	10/10/25 10:23	10/10/25 14:20	1
1,2-Dichloropropane	0.0011	U	0.0011	0.00045	mg/Kg	☼	10/10/25 10:23	10/10/25 14:20	1
1,3,5-Trimethylbenzene	0.0011	U	0.0011	0.00033	mg/Kg	☼	10/10/25 10:23	10/10/25 14:20	1
1,3-Dichlorobenzene	0.0011	U	0.0011	0.00039	mg/Kg	☼	10/10/25 10:23	10/10/25 14:20	1
1,4-Dichlorobenzene	0.0011	U	0.0011	0.00055	mg/Kg	☼	10/10/25 10:23	10/10/25 14:20	1
2-Butanone (MEK)	0.0053	U	0.0053	0.00039	mg/Kg	☼	10/10/25 10:23	10/10/25 14:20	1
2-Hexanone	0.0053	U	0.0053	0.0018	mg/Kg	☼	10/10/25 10:23	10/10/25 14:20	1
4-Methyl-2-pentanone (MIBK)	0.0053	U *	0.0053	0.0016	mg/Kg	☼	10/10/25 10:23	10/10/25 14:20	1
Acetone	0.0063	U	0.0063	0.0060	mg/Kg	☼	10/10/25 10:23	10/10/25 14:20	1
Benzene	0.0011	U	0.0011	0.00060	mg/Kg	☼	10/10/25 10:23	10/10/25 14:20	1
Bromoform	0.0011	U	0.0011	0.00045	mg/Kg	☼	10/10/25 10:23	10/10/25 14:20	1
Bromomethane	0.0021	U	0.0021	0.0011	mg/Kg	☼	10/10/25 10:23	10/10/25 14:20	1
Carbon disulfide	0.0011	U	0.0011	0.00028	mg/Kg	☼	10/10/25 10:23	10/10/25 14:20	1
Carbon tetrachloride	0.0011	U	0.0011	0.00041	mg/Kg	☼	10/10/25 10:23	10/10/25 14:20	1
Chlorobenzene	0.0011	U	0.0011	0.00054	mg/Kg	☼	10/10/25 10:23	10/10/25 14:20	1
Chlorobromomethane	0.0011	U	0.0011	0.00063	mg/Kg	☼	10/10/25 10:23	10/10/25 14:20	1
Chlorodibromomethane	0.0011	U	0.0011	0.00057	mg/Kg	☼	10/10/25 10:23	10/10/25 14:20	1
Chloroethane	0.0011	U	0.0011	0.00055	mg/Kg	☼	10/10/25 10:23	10/10/25 14:20	1
Chloroform	0.0011	U	0.0011	0.0010	mg/Kg	☼	10/10/25 10:23	10/10/25 14:20	1
Chloromethane	0.0011	U	0.0011	0.00046	mg/Kg	☼	10/10/25 10:23	10/10/25 14:20	1
cis-1,2-Dichloroethene	0.0011	U	0.0011	0.00038	mg/Kg	☼	10/10/25 10:23	10/10/25 14:20	1
cis-1,3-Dichloropropene	0.0011	U	0.0011	0.00029	mg/Kg	☼	10/10/25 10:23	10/10/25 14:20	1
Cyclohexane	0.0011	U	0.0011	0.00023	mg/Kg	☼	10/10/25 10:23	10/10/25 14:20	1
Dichlorobromomethane	0.0011	U	0.0011	0.00027	mg/Kg	☼	10/10/25 10:23	10/10/25 14:20	1

Client Sample ID: 44A2_5-6

Lab Sample ID: 460-336648-27

Date Collected: 10/07/25 09:30
Matrix: Solid
Date Received: 10/07/25 17:15
Percent Solids: 99.2

Method: SW846 8260D - Volatile Organic Compounds by GC/MS (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Dichlorodifluoromethane	0.0011	U	0.0011	0.00036	mg/Kg	☼	10/10/25 10:23	10/10/25 14:20	1
Ethylbenzene	0.0011	U	0.0011	0.00049	mg/Kg	☼	10/10/25 10:23	10/10/25 14:20	1
Ethylene Dibromide	0.0011	U	0.0011	0.00053	mg/Kg	☼	10/10/25 10:23	10/10/25 14:20	1
Isopropylbenzene	0.0011	U	0.0011	0.00030	mg/Kg	☼	10/10/25 10:23	10/10/25 14:20	1
Methyl acetate	0.0053	U	0.0053	0.0045	mg/Kg	☼	10/10/25 10:23	10/10/25 14:20	1
Methyl tert-butyl ether	0.0011	U	0.0011	0.00054	mg/Kg	☼	10/10/25 10:23	10/10/25 14:20	1
Methylcyclohexane	0.0011	U	0.0011	0.00053	mg/Kg	☼	10/10/25 10:23	10/10/25 14:20	1
Methylene Chloride	0.0021	U	0.0021	0.0012	mg/Kg	☼	10/10/25 10:23	10/10/25 14:20	1
m-Xylene & p-Xylene	0.0011	U	0.0011	0.00045	mg/Kg	☼	10/10/25 10:23	10/10/25 14:20	1
n-Butylbenzene	0.0011	U	0.0011	0.00031	mg/Kg	☼	10/10/25 10:23	10/10/25 14:20	1
N-Propylbenzene	0.0011	U	0.0011	0.00047	mg/Kg	☼	10/10/25 10:23	10/10/25 14:20	1
o-Xylene	0.0011	U	0.0011	0.00049	mg/Kg	☼	10/10/25 10:23	10/10/25 14:20	1
sec-Butylbenzene	0.0011	U	0.0011	0.00030	mg/Kg	☼	10/10/25 10:23	10/10/25 14:20	1
Styrene	0.0011	U	0.0011	0.00029	mg/Kg	☼	10/10/25 10:23	10/10/25 14:20	1
tert-Butylbenzene	0.0011	U	0.0011	0.00029	mg/Kg	☼	10/10/25 10:23	10/10/25 14:20	1
Tetrachloroethene	0.0011	U	0.0011	0.00032	mg/Kg	☼	10/10/25 10:23	10/10/25 14:20	1
Toluene	**0.00050**	**J**	0.0011	0.00025	mg/Kg	☼	10/10/25 10:23	10/10/25 14:20	1
trans-1,2-Dichloroethene	0.0011	U	0.0011	0.00026	mg/Kg	☼	10/10/25 10:23	10/10/25 14:20	1
trans-1,3-Dichloropropene	0.0011	U	0.0011	0.00028	mg/Kg	☼	10/10/25 10:23	10/10/25 14:20	1
Trichloroethene	0.0011	U	0.0011	0.00034	mg/Kg	☼	10/10/25 10:23	10/10/25 14:20	1
Trichlorofluoromethane	0.0011	U	0.0011	0.00043	mg/Kg	☼	10/10/25 10:23	10/10/25 14:20	1
Vinyl chloride	0.0011	U	0.0011	0.00058	mg/Kg	☼	10/10/25 10:23	10/10/25 14:20	1
Xylenes, Total	0.0021	U	0.0021	0.00018	mg/Kg	☼	10/10/25 10:23	10/10/25 14:20	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,2-Dichloroethane-d4 (Surr)	*113*		*65 - 138*	*10/10/25 10:23*	*10/10/25 14:20*	*1*
4-Bromofluorobenzene	*101*		*71 - 128*	*10/10/25 10:23*	*10/10/25 14:20*	*1*
Dibromofluoromethane (Surr)	*118*		*50 - 150*	*10/10/25 10:23*	*10/10/25 14:20*	*1*
Toluene-d8 (Surr)	*94*		*71 - 126*	*10/10/25 10:23*	*10/10/25 14:20*	*1*

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Percent Moisture (EPA Moisture)	1.0	U	1.0	1.0	%			10/12/25 15:03	1
Percent Solids (EPA Moisture)	**99.2**		1.0	1.0	%			10/12/25 15:03	1

Client Sample ID: 44A3_6-7

Lab Sample ID: 460-336648-28

Date Collected: 10/07/25 09:35
Matrix: Solid
Date Received: 10/07/25 17:15
Percent Solids: 99.5

Method: SW846 8260D - Volatile Organic Compounds by GC/MS

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1-Trichloroethane	0.0012	U	0.0012	0.00027	mg/Kg	☼	10/10/25 10:23	10/10/25 15:06	1
1,1,2,2-Tetrachloroethane	0.0012	U	0.0012	0.00061	mg/Kg	☼	10/10/25 10:23	10/10/25 15:06	1
1,1,2-Trichloro-1,2,2-trifluoroethane	0.0012	U	0.0012	0.00035	mg/Kg	☼	10/10/25 10:23	10/10/25 15:06	1
1,1,2-Trichloroethane	0.0012	U	0.0012	0.00070	mg/Kg	☼	10/10/25 10:23	10/10/25 15:06	1
1,1-Dichloroethane	0.0012	U	0.0012	0.00069	mg/Kg	☼	10/10/25 10:23	10/10/25 15:06	1
1,1-Dichloroethene	0.0012	U	0.0012	0.00026	mg/Kg	☼	10/10/25 10:23	10/10/25 15:06	1
1,2,3-Trichlorobenzene	0.0012	U	0.0012	0.00086	mg/Kg	☼	10/10/25 10:23	10/10/25 15:06	1
1,2,4-Trichlorobenzene	0.0012	U	0.0012	0.00042	mg/Kg	☼	10/10/25 10:23	10/10/25 15:06	1
1,2,4-Trimethylbenzene	0.0012	U	0.0012	0.00029	mg/Kg	☼	10/10/25 10:23	10/10/25 15:06	1

Client: Haley & Aldrich, Inc.
Project/Site: Former Port Mobil

Job ID: 460-336648-1

Client Sample ID: 44A3_6-7
Date Collected: 10/07/25 09:35
Date Received: 10/07/25 17:15

Lab Sample ID: 460-336648-28
Matrix: Solid
Percent Solids: 99.5

Method: SW846 8260D - Volatile Organic Compounds by GC/MS (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,2-Dibromo-3-Chloropropane	0.0012	U	0.0012	0.00054	mg/Kg	☼	10/10/25 10:23	10/10/25 15:06	1
1,2-Dichlorobenzene	0.0012	U	0.0012	0.00042	mg/Kg	☼	10/10/25 10:23	10/10/25 15:06	1
1,2-Dichloroethane	0.0012	U	0.0012	0.00034	mg/Kg	☼	10/10/25 10:23	10/10/25 15:06	1
1,2-Dichloropropane	0.0012	U	0.0012	0.00049	mg/Kg	☼	10/10/25 10:23	10/10/25 15:06	1
1,3,5-Trimethylbenzene	0.0012	U	0.0012	0.00037	mg/Kg	☼	10/10/25 10:23	10/10/25 15:06	1
1,3-Dichlorobenzene	0.0012	U	0.0012	0.00042	mg/Kg	☼	10/10/25 10:23	10/10/25 15:06	1
1,4-Dichlorobenzene	0.0012	U	0.0012	0.00060	mg/Kg	☼	10/10/25 10:23	10/10/25 15:06	1
2-Butanone (MEK)	0.0058	U	0.0058	0.00043	mg/Kg	☼	10/10/25 10:23	10/10/25 15:06	1
2-Hexanone	0.0058	U	0.0058	0.0020	mg/Kg	☼	10/10/25 10:23	10/10/25 15:06	1
4-Methyl-2-pentanone (MIBK)	0.0058	U *	0.0058	0.0018	mg/Kg	☼	10/10/25 10:23	10/10/25 15:06	1
Acetone	0.0070	U	0.0070	0.0067	mg/Kg	☼	10/10/25 10:23	10/10/25 15:06	1
Benzene	0.0012	U	0.0012	0.00066	mg/Kg	☼	10/10/25 10:23	10/10/25 15:06	1
Bromoform	0.0012	U	0.0012	0.00049	mg/Kg	☼	10/10/25 10:23	10/10/25 15:06	1
Bromomethane	0.0023	U	0.0023	0.0012	mg/Kg	☼	10/10/25 10:23	10/10/25 15:06	1
Carbon disulfide	0.0012	U	0.0012	0.00031	mg/Kg	☼	10/10/25 10:23	10/10/25 15:06	1
Carbon tetrachloride	0.0012	U	0.0012	0.00045	mg/Kg	☼	10/10/25 10:23	10/10/25 15:06	1
Chlorobenzene	0.0012	U	0.0012	0.00059	mg/Kg	☼	10/10/25 10:23	10/10/25 15:06	1
Chlorobromomethane	0.0012	U	0.0012	0.00069	mg/Kg	☼	10/10/25 10:23	10/10/25 15:06	1
Chlorodibromomethane	0.0012	U	0.0012	0.00063	mg/Kg	☼	10/10/25 10:23	10/10/25 15:06	1
Chloroethane	0.0012	U	0.0012	0.00061	mg/Kg	☼	10/10/25 10:23	10/10/25 15:06	1
Chloroform	0.0012	U	0.0012	0.0011	mg/Kg	☼	10/10/25 10:23	10/10/25 15:06	1
Chloromethane	0.0012	U	0.0012	0.00051	mg/Kg	☼	10/10/25 10:23	10/10/25 15:06	1
cis-1,2-Dichloroethene	0.0012	U	0.0012	0.00042	mg/Kg	☼	10/10/25 10:23	10/10/25 15:06	1
cis-1,3-Dichloropropene	0.0012	U	0.0012	0.00032	mg/Kg	☼	10/10/25 10:23	10/10/25 15:06	1
Cyclohexane	0.0012	U	0.0012	0.00026	mg/Kg	☼	10/10/25 10:23	10/10/25 15:06	1
Dichlorobromomethane	0.0012	U	0.0012	0.00030	mg/Kg	☼	10/10/25 10:23	10/10/25 15:06	1
Dichlorodifluoromethane	0.0012	U	0.0012	0.00039	mg/Kg	☼	10/10/25 10:23	10/10/25 15:06	1
Ethylbenzene	0.0012	U	0.0012	0.00054	mg/Kg	☼	10/10/25 10:23	10/10/25 15:06	1
Ethylene Dibromide	0.0012	U	0.0012	0.00059	mg/Kg	☼	10/10/25 10:23	10/10/25 15:06	1
Isopropylbenzene	0.0012	U	0.0012	0.00033	mg/Kg	☼	10/10/25 10:23	10/10/25 15:06	1
Methyl acetate	0.0058	U	0.0058	0.0050	mg/Kg	☼	10/10/25 10:23	10/10/25 15:06	1
Methyl tert-butyl ether	0.0012	U	0.0012	0.00060	mg/Kg	☼	10/10/25 10:23	10/10/25 15:06	1
Methylcyclohexane	0.0012	U	0.0012	0.00058	mg/Kg	☼	10/10/25 10:23	10/10/25 15:06	1
Methylene Chloride	0.0023	U	0.0023	0.0013	mg/Kg	☼	10/10/25 10:23	10/10/25 15:06	1
m-Xylene & p-Xylene	0.0012	U	0.0012	0.00049	mg/Kg	☼	10/10/25 10:23	10/10/25 15:06	1
n-Butylbenzene	0.0012	U	0.0012	0.00034	mg/Kg	☼	10/10/25 10:23	10/10/25 15:06	1
N-Propylbenzene	0.0012	U	0.0012	0.00052	mg/Kg	☼	10/10/25 10:23	10/10/25 15:06	1
o-Xylene	0.0012	U	0.0012	0.00054	mg/Kg	☼	10/10/25 10:23	10/10/25 15:06	1
sec-Butylbenzene	0.0012	U	0.0012	0.00034	mg/Kg	☼	10/10/25 10:23	10/10/25 15:06	1
Styrene	0.0012	U	0.0012	0.00032	mg/Kg	☼	10/10/25 10:23	10/10/25 15:06	1
tert-Butylbenzene	0.0012	U	0.0012	0.00032	mg/Kg	☼	10/10/25 10:23	10/10/25 15:06	1
Tetrachloroethene	0.0012	U	0.0012	0.00036	mg/Kg	☼	10/10/25 10:23	10/10/25 15:06	1
Toluene	0.0012	U	0.0012	0.00027	mg/Kg	☼	10/10/25 10:23	10/10/25 15:06	1
trans-1,2-Dichloroethene	0.0012	U	0.0012	0.00029	mg/Kg	☼	10/10/25 10:23	10/10/25 15:06	1
trans-1,3-Dichloropropene	0.0012	U	0.0012	0.00031	mg/Kg	☼	10/10/25 10:23	10/10/25 15:06	1
Trichloroethene	0.0012	U	0.0012	0.00037	mg/Kg	☼	10/10/25 10:23	10/10/25 15:06	1
Trichlorofluoromethane	0.0012	U	0.0012	0.00047	mg/Kg	☼	10/10/25 10:23	10/10/25 15:06	1
Vinyl chloride	0.0012	U	0.0012	0.00064	mg/Kg	☼	10/10/25 10:23	10/10/25 15:06	1
Xylenes, Total	0.0023	U	0.0023	0.00020	mg/Kg	☼	10/10/25 10:23	10/10/25 15:06	1

Client Sample ID: 44A3_6-7

Lab Sample ID: 460-336648-28

Date Collected: 10/07/25 09:35
Matrix: Solid
Date Received: 10/07/25 17:15
Percent Solids: 99.5

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,2-Dichloroethane-d4 (Surr)	*114*		*65 - 138*	*10/10/25 10:23*	*10/10/25 15:06*	*1*
4-Bromofluorobenzene	*100*		*71 - 128*	*10/10/25 10:23*	*10/10/25 15:06*	*1*
Dibromofluoromethane (Surr)	*122*		*50 - 150*	*10/10/25 10:23*	*10/10/25 15:06*	*1*
Toluene-d8 (Surr)	*94*		*71 - 126*	*10/10/25 10:23*	*10/10/25 15:06*	*1*

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Percent Moisture (EPA Moisture)	1.0	U	1.0	1.0	%			10/12/25 15:03	1
Percent Solids (EPA Moisture)	**99.5**		1.0	1.0	%			10/12/25 15:03	1

Client Sample ID: 44A1_7-8

Lab Sample ID: 460-336648-29

Date Collected: 10/07/25 09:40
Matrix: Solid
Date Received: 10/07/25 17:15
Percent Solids: 98.9

Method: SW846 8260D - Volatile Organic Compounds by GC/MS

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1-Trichloroethane	0.0011	U	0.0011	0.00026	mg/Kg	☼	10/10/25 10:23	10/10/25 14:43	1
1,1,2,2-Tetrachloroethane	0.0011	U	0.0011	0.00058	mg/Kg	☼	10/10/25 10:23	10/10/25 14:43	1
1,1,2-Trichloro-1,2,2-trifluoroethane	0.0011	U	0.0011	0.00033	mg/Kg	☼	10/10/25 10:23	10/10/25 14:43	1
1,1,2-Trichloroethane	0.0011	U	0.0011	0.00067	mg/Kg	☼	10/10/25 10:23	10/10/25 14:43	1
1,1-Dichloroethane	0.0011	U	0.0011	0.00066	mg/Kg	☼	10/10/25 10:23	10/10/25 14:43	1
1,1-Dichloroethene	0.0011	U	0.0011	0.00025	mg/Kg	☼	10/10/25 10:23	10/10/25 14:43	1
1,2,3-Trichlorobenzene	0.0011	U	0.0011	0.00082	mg/Kg	☼	10/10/25 10:23	10/10/25 14:43	1
1,2,4-Trichlorobenzene	0.0011	U	0.0011	0.00040	mg/Kg	☼	10/10/25 10:23	10/10/25 14:43	1
1,2,4-Trimethylbenzene	0.0011	U	0.0011	0.00027	mg/Kg	☼	10/10/25 10:23	10/10/25 14:43	1
1,2-Dibromo-3-Chloropropane	0.0011	U	0.0011	0.00051	mg/Kg	☼	10/10/25 10:23	10/10/25 14:43	1
1,2-Dichlorobenzene	0.0011	U	0.0011	0.00040	mg/Kg	☼	10/10/25 10:23	10/10/25 14:43	1
1,2-Dichloroethane	0.0011	U	0.0011	0.00033	mg/Kg	☼	10/10/25 10:23	10/10/25 14:43	1
1,2-Dichloropropane	0.0011	U	0.0011	0.00047	mg/Kg	☼	10/10/25 10:23	10/10/25 14:43	1
1,3,5-Trimethylbenzene	0.0011	U	0.0011	0.00035	mg/Kg	☼	10/10/25 10:23	10/10/25 14:43	1
1,3-Dichlorobenzene	0.0011	U	0.0011	0.00041	mg/Kg	☼	10/10/25 10:23	10/10/25 14:43	1
1,4-Dichlorobenzene	0.0011	U	0.0011	0.00058	mg/Kg	☼	10/10/25 10:23	10/10/25 14:43	1
2-Butanone (MEK)	0.0056	U	0.0056	0.00041	mg/Kg	☼	10/10/25 10:23	10/10/25 14:43	1
2-Hexanone	0.0056	U	0.0056	0.0019	mg/Kg	☼	10/10/25 10:23	10/10/25 14:43	1
4-Methyl-2-pentanone (MIBK)	0.0056	U *	0.0056	0.0017	mg/Kg	☼	10/10/25 10:23	10/10/25 14:43	1
Acetone	0.0067	U	0.0067	0.0064	mg/Kg	☼	10/10/25 10:23	10/10/25 14:43	1
Benzene	0.0011	U	0.0011	0.00063	mg/Kg	☼	10/10/25 10:23	10/10/25 14:43	1
Bromoform	0.0011	U	0.0011	0.00047	mg/Kg	☼	10/10/25 10:23	10/10/25 14:43	1
Bromomethane	0.0022	U	0.0022	0.0011	mg/Kg	☼	10/10/25 10:23	10/10/25 14:43	1
Carbon disulfide	0.0011	U	0.0011	0.00030	mg/Kg	☼	10/10/25 10:23	10/10/25 14:43	1
Carbon tetrachloride	0.0011	U	0.0011	0.00043	mg/Kg	☼	10/10/25 10:23	10/10/25 14:43	1
Chlorobenzene	0.0011	U	0.0011	0.00056	mg/Kg	☼	10/10/25 10:23	10/10/25 14:43	1
Chlorobromomethane	0.0011	U	0.0011	0.00066	mg/Kg	☼	10/10/25 10:23	10/10/25 14:43	1
Chlorodibromomethane	0.0011	U	0.0011	0.00060	mg/Kg	☼	10/10/25 10:23	10/10/25 14:43	1
Chloroethane	0.0011	U	0.0011	0.00058	mg/Kg	☼	10/10/25 10:23	10/10/25 14:43	1
Chloroform	0.0011	U	0.0011	0.0011	mg/Kg	☼	10/10/25 10:23	10/10/25 14:43	1
Chloromethane	0.0011	U	0.0011	0.00048	mg/Kg	☼	10/10/25 10:23	10/10/25 14:43	1
cis-1,2-Dichloroethene	0.0011	U	0.0011	0.00040	mg/Kg	☼	10/10/25 10:23	10/10/25 14:43	1
cis-1,3-Dichloropropene	0.0011	U	0.0011	0.00030	mg/Kg	☼	10/10/25 10:23	10/10/25 14:43	1
Cyclohexane	0.0011	U	0.0011	0.00025	mg/Kg	☼	10/10/25 10:23	10/10/25 14:43	1
Dichlorobromomethane	0.0011	U	0.0011	0.00029	mg/Kg	☼	10/10/25 10:23	10/10/25 14:43	1

Client Sample ID: 44A1_7-8

Lab Sample ID: 460-336648-29

Date Collected: 10/07/25 09:40
Matrix: Solid
Date Received: 10/07/25 17:15
Percent Solids: 98.9

Method: SW846 8260D - Volatile Organic Compounds by GC/MS (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Dichlorodifluoromethane	0.0011	U	0.0011	0.00038	mg/Kg	☼	10/10/25 10:23	10/10/25 14:43	1
Ethylbenzene	0.0011	U	0.0011	0.00052	mg/Kg	☼	10/10/25 10:23	10/10/25 14:43	1
Ethylene Dibromide	0.0011	U	0.0011	0.00056	mg/Kg	☼	10/10/25 10:23	10/10/25 14:43	1
Isopropylbenzene	0.0011	U	0.0011	0.00032	mg/Kg	☼	10/10/25 10:23	10/10/25 14:43	1
Methyl acetate	0.0056	U	0.0056	0.0048	mg/Kg	☼	10/10/25 10:23	10/10/25 14:43	1
Methyl tert-butyl ether	0.0011	U	0.0011	0.00057	mg/Kg	☼	10/10/25 10:23	10/10/25 14:43	1
Methylcyclohexane	0.0011	U	0.0011	0.00055	mg/Kg	☼	10/10/25 10:23	10/10/25 14:43	1
Methylene Chloride	0.0022	U	0.0022	0.0013	mg/Kg	☼	10/10/25 10:23	10/10/25 14:43	1
m-Xylene & p-Xylene	0.0011	U	0.0011	0.00047	mg/Kg	☼	10/10/25 10:23	10/10/25 14:43	1
n-Butylbenzene	0.0011	U	0.0011	0.00033	mg/Kg	☼	10/10/25 10:23	10/10/25 14:43	1
N-Propylbenzene	0.0011	U	0.0011	0.00050	mg/Kg	☼	10/10/25 10:23	10/10/25 14:43	1
o-Xylene	0.0011	U	0.0011	0.00051	mg/Kg	☼	10/10/25 10:23	10/10/25 14:43	1
sec-Butylbenzene	0.0011	U	0.0011	0.00032	mg/Kg	☼	10/10/25 10:23	10/10/25 14:43	1
Styrene	0.0011	U	0.0011	0.00031	mg/Kg	☼	10/10/25 10:23	10/10/25 14:43	1
tert-Butylbenzene	0.0011	U	0.0011	0.00031	mg/Kg	☼	10/10/25 10:23	10/10/25 14:43	1
Tetrachloroethene	0.0011	U	0.0011	0.00034	mg/Kg	☼	10/10/25 10:23	10/10/25 14:43	1
Toluene	0.0011	U	0.0011	0.00026	mg/Kg	☼	10/10/25 10:23	10/10/25 14:43	1
trans-1,2-Dichloroethene	0.0011	U	0.0011	0.00027	mg/Kg	☼	10/10/25 10:23	10/10/25 14:43	1
trans-1,3-Dichloropropene	0.0011	U	0.0011	0.00030	mg/Kg	☼	10/10/25 10:23	10/10/25 14:43	1
Trichloroethene	0.0011	U	0.0011	0.00036	mg/Kg	☼	10/10/25 10:23	10/10/25 14:43	1
Trichlorofluoromethane	0.0011	U	0.0011	0.00045	mg/Kg	☼	10/10/25 10:23	10/10/25 14:43	1
Vinyl chloride	0.0011	U	0.0011	0.00061	mg/Kg	☼	10/10/25 10:23	10/10/25 14:43	1
Xylenes, Total	0.0022	U	0.0022	0.00019	mg/Kg	☼	10/10/25 10:23	10/10/25 14:43	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,2-Dichloroethane-d4 (Surr)	*112*		*65 - 138*	*10/10/25 10:23*	*10/10/25 14:43*	*1*
4-Bromofluorobenzene	*101*		*71 - 128*	*10/10/25 10:23*	*10/10/25 14:43*	*1*
Dibromofluoromethane (Surr)	*121*		*50 - 150*	*10/10/25 10:23*	*10/10/25 14:43*	*1*
Toluene-d8 (Surr)	*95*		*71 - 126*	*10/10/25 10:23*	*10/10/25 14:43*	*1*

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Percent Moisture (EPA Moisture)	**1.1**		1.0	1.0	%			10/12/25 15:03	1
Percent Solids (EPA Moisture)	**98.9**		1.0	1.0	%			10/12/25 15:03	1

Client Sample ID: 44B1_1-2

Lab Sample ID: 460-336648-30

Date Collected: 10/07/25 09:45
Matrix: Solid
Date Received: 10/07/25 17:15
Percent Solids: 98.2

Method: SW846 8260D - Volatile Organic Compounds by GC/MS

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1-Trichloroethane	0.0012	U	0.0012	0.00028	mg/Kg	☼	10/10/25 10:23	10/10/25 15:29	1
1,1,2,2-Tetrachloroethane	0.0012	U	0.0012	0.00062	mg/Kg	☼	10/10/25 10:23	10/10/25 15:29	1
1,1,2-Trichloro-1,2,2-trifluoroethane	0.0012	U	0.0012	0.00036	mg/Kg	☼	10/10/25 10:23	10/10/25 15:29	1
1,1,2-Trichloroethane	0.0012	U	0.0012	0.00071	mg/Kg	☼	10/10/25 10:23	10/10/25 15:29	1
1,1-Dichloroethane	0.0012	U	0.0012	0.00071	mg/Kg	☼	10/10/25 10:23	10/10/25 15:29	1
1,1-Dichloroethene	0.0012	U	0.0012	0.00027	mg/Kg	☼	10/10/25 10:23	10/10/25 15:29	1
1,2,3-Trichlorobenzene	0.0012	U	0.0012	0.00088	mg/Kg	☼	10/10/25 10:23	10/10/25 15:29	1
1,2,4-Trichlorobenzene	0.0012	U	0.0012	0.00043	mg/Kg	☼	10/10/25 10:23	10/10/25 15:29	1
1,2,4-Trimethylbenzene	0.0012	U	0.0012	0.00029	mg/Kg	☼	10/10/25 10:23	10/10/25 15:29	1

Client: Haley & Aldrich, Inc.
Project/Site: Former Port Mobil

Job ID: 460-336648-1

Client Sample ID: 44B1_1-2
Date Collected: 10/07/25 09:45
Date Received: 10/07/25 17:15

Lab Sample ID: 460-336648-30
Matrix: Solid
Percent Solids: 98.2

Method: SW846 8260D - Volatile Organic Compounds by GC/MS (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,2-Dibromo-3-Chloropropane	0.0012	U	0.0012	0.00055	mg/Kg	☼	10/10/25 10:23	10/10/25 15:29	1
1,2-Dichlorobenzene	0.0012	U	0.0012	0.00043	mg/Kg	☼	10/10/25 10:23	10/10/25 15:29	1
1,2-Dichloroethane	0.0012	U	0.0012	0.00035	mg/Kg	☼	10/10/25 10:23	10/10/25 15:29	1
1,2-Dichloropropane	0.0012	U	0.0012	0.00050	mg/Kg	☼	10/10/25 10:23	10/10/25 15:29	1
1,3,5-Trimethylbenzene	0.0012	U	0.0012	0.00037	mg/Kg	☼	10/10/25 10:23	10/10/25 15:29	1
1,3-Dichlorobenzene	0.0012	U	0.0012	0.00043	mg/Kg	☼	10/10/25 10:23	10/10/25 15:29	1
1,4-Dichlorobenzene	0.0012	U	0.0012	0.00062	mg/Kg	☼	10/10/25 10:23	10/10/25 15:29	1
2-Butanone (MEK)	0.0059	U	0.0059	0.00044	mg/Kg	☼	10/10/25 10:23	10/10/25 15:29	1
2-Hexanone	0.0059	U	0.0059	0.0020	mg/Kg	☼	10/10/25 10:23	10/10/25 15:29	1
4-Methyl-2-pentanone (MIBK)	0.0059	U *	0.0059	0.0018	mg/Kg	☼	10/10/25 10:23	10/10/25 15:29	1
Acetone	**0.0076**		0.0071	0.0068	mg/Kg	☼	10/10/25 10:23	10/10/25 15:29	1
Benzene	0.0012	U	0.0012	0.00067	mg/Kg	☼	10/10/25 10:23	10/10/25 15:29	1
Bromoform	0.0012	U	0.0012	0.00051	mg/Kg	☼	10/10/25 10:23	10/10/25 15:29	1
Bromomethane	0.0024	U	0.0024	0.0012	mg/Kg	☼	10/10/25 10:23	10/10/25 15:29	1
Carbon disulfide	0.0012	U	0.0012	0.00032	mg/Kg	☼	10/10/25 10:23	10/10/25 15:29	1
Carbon tetrachloride	0.0012	U	0.0012	0.00046	mg/Kg	☼	10/10/25 10:23	10/10/25 15:29	1
Chlorobenzene	0.0012	U	0.0012	0.00060	mg/Kg	☼	10/10/25 10:23	10/10/25 15:29	1
Chlorobromomethane	0.0012	U	0.0012	0.00071	mg/Kg	☼	10/10/25 10:23	10/10/25 15:29	1
Chlorodibromomethane	0.0012	U	0.0012	0.00064	mg/Kg	☼	10/10/25 10:23	10/10/25 15:29	1
Chloroethane	0.0012	U	0.0012	0.00062	mg/Kg	☼	10/10/25 10:23	10/10/25 15:29	1
Chloroform	0.0012	U	0.0012	0.0012	mg/Kg	☼	10/10/25 10:23	10/10/25 15:29	1
Chloromethane	0.0012	U	0.0012	0.00052	mg/Kg	☼	10/10/25 10:23	10/10/25 15:29	1
cis-1,2-Dichloroethene	0.0012	U	0.0012	0.00043	mg/Kg	☼	10/10/25 10:23	10/10/25 15:29	1
cis-1,3-Dichloropropene	0.0012	U	0.0012	0.00032	mg/Kg	☼	10/10/25 10:23	10/10/25 15:29	1
Cyclohexane	0.0012	U	0.0012	0.00026	mg/Kg	☼	10/10/25 10:23	10/10/25 15:29	1
Dichlorobromomethane	0.0012	U	0.0012	0.00031	mg/Kg	☼	10/10/25 10:23	10/10/25 15:29	1
Dichlorodifluoromethane	0.0012	U	0.0012	0.00040	mg/Kg	☼	10/10/25 10:23	10/10/25 15:29	1
Ethylbenzene	0.0012	U	0.0012	0.00056	mg/Kg	☼	10/10/25 10:23	10/10/25 15:29	1
Ethylene Dibromide	0.0012	U	0.0012	0.00060	mg/Kg	☼	10/10/25 10:23	10/10/25 15:29	1
Isopropylbenzene	0.0012	U	0.0012	0.00034	mg/Kg	☼	10/10/25 10:23	10/10/25 15:29	1
Methyl acetate	0.0059	U	0.0059	0.0051	mg/Kg	☼	10/10/25 10:23	10/10/25 15:29	1
Methyl tert-butyl ether	0.0012	U	0.0012	0.00061	mg/Kg	☼	10/10/25 10:23	10/10/25 15:29	1
Methylcyclohexane	0.0012	U	0.0012	0.00059	mg/Kg	☼	10/10/25 10:23	10/10/25 15:29	1
Methylene Chloride	0.0024	U	0.0024	0.0014	mg/Kg	☼	10/10/25 10:23	10/10/25 15:29	1
m-Xylene & p-Xylene	0.0012	U	0.0012	0.00050	mg/Kg	☼	10/10/25 10:23	10/10/25 15:29	1
n-Butylbenzene	0.0012	U	0.0012	0.00035	mg/Kg	☼	10/10/25 10:23	10/10/25 15:29	1
N-Propylbenzene	0.0012	U	0.0012	0.00053	mg/Kg	☼	10/10/25 10:23	10/10/25 15:29	1
o-Xylene	0.0012	U	0.0012	0.00055	mg/Kg	☼	10/10/25 10:23	10/10/25 15:29	1
sec-Butylbenzene	0.0012	U	0.0012	0.00034	mg/Kg	☼	10/10/25 10:23	10/10/25 15:29	1
Styrene	0.0012	U	0.0012	0.00033	mg/Kg	☼	10/10/25 10:23	10/10/25 15:29	1
tert-Butylbenzene	0.0012	U	0.0012	0.00033	mg/Kg	☼	10/10/25 10:23	10/10/25 15:29	1
Tetrachloroethene	0.0012	U	0.0012	0.00036	mg/Kg	☼	10/10/25 10:23	10/10/25 15:29	1
Toluene	**0.00059**	**J**	0.0012	0.00028	mg/Kg	☼	10/10/25 10:23	10/10/25 15:29	1
trans-1,2-Dichloroethene	0.0012	U	0.0012	0.00029	mg/Kg	☼	10/10/25 10:23	10/10/25 15:29	1
trans-1,3-Dichloropropene	0.0012	U	0.0012	0.00032	mg/Kg	☼	10/10/25 10:23	10/10/25 15:29	1
Trichloroethene	0.0012	U	0.0012	0.00038	mg/Kg	☼	10/10/25 10:23	10/10/25 15:29	1
Trichlorofluoromethane	0.0012	U	0.0012	0.00048	mg/Kg	☼	10/10/25 10:23	10/10/25 15:29	1
Vinyl chloride	0.0012	U	0.0012	0.00065	mg/Kg	☼	10/10/25 10:23	10/10/25 15:29	1
Xylenes, Total	0.0024	U	0.0024	0.00021	mg/Kg	☼	10/10/25 10:23	10/10/25 15:29	1

Client Sample ID: 44B1_1-2

Lab Sample ID: 460-336648-30

Date Collected: 10/07/25 09:45
Matrix: Solid
Date Received: 10/07/25 17:15
Percent Solids: 98.2

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,2-Dichloroethane-d4 (Surr)	*112*		*65 - 138*	*10/10/25 10:23*	*10/10/25 15:29*	*1*
4-Bromofluorobenzene	*102*		*71 - 128*	*10/10/25 10:23*	*10/10/25 15:29*	*1*
Dibromofluoromethane (Surr)	*122*		*50 - 150*	*10/10/25 10:23*	*10/10/25 15:29*	*1*
Toluene-d8 (Surr)	*94*		*71 - 126*	*10/10/25 10:23*	*10/10/25 15:29*	*1*

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Percent Moisture (EPA Moisture)	**1.8**		1.0	1.0	%			10/12/25 15:03	1
Percent Solids (EPA Moisture)	**98.2**		1.0	1.0	%			10/12/25 15:03	1

Client Sample ID: 44B2_2-3

Lab Sample ID: 460-336648-31

Date Collected: 10/07/25 09:50
Matrix: Solid
Date Received: 10/07/25 17:15
Percent Solids: 97.9

Method: SW846 8260D - Volatile Organic Compounds by GC/MS

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1-Trichloroethane	0.0010	U	0.0010	0.00024	mg/Kg	☼	10/10/25 10:24	10/10/25 15:52	1
1,1,2,2-Tetrachloroethane	0.0010	U	0.0010	0.00053	mg/Kg	☼	10/10/25 10:24	10/10/25 15:52	1
1,1,2-Trichloro-1,2,2-trifluoroethane	0.0010	U	0.0010	0.00030	mg/Kg	☼	10/10/25 10:24	10/10/25 15:52	1
1,1,2-Trichloroethane	0.0010	U	0.0010	0.00061	mg/Kg	☼	10/10/25 10:24	10/10/25 15:52	1
1,1-Dichloroethane	0.0010	U	0.0010	0.00060	mg/Kg	☼	10/10/25 10:24	10/10/25 15:52	1
1,1-Dichloroethene	0.0010	U	0.0010	0.00023	mg/Kg	☼	10/10/25 10:24	10/10/25 15:52	1
1,2,3-Trichlorobenzene	0.0010	U	0.0010	0.00074	mg/Kg	☼	10/10/25 10:24	10/10/25 15:52	1
1,2,4-Trichlorobenzene	0.0010	U	0.0010	0.00036	mg/Kg	☼	10/10/25 10:24	10/10/25 15:52	1
1,2,4-Trimethylbenzene	0.0010	U	0.0010	0.00025	mg/Kg	☼	10/10/25 10:24	10/10/25 15:52	1
1,2-Dibromo-3-Chloropropane	0.0010	U	0.0010	0.00046	mg/Kg	☼	10/10/25 10:24	10/10/25 15:52	1
1,2-Dichlorobenzene	0.0010	U	0.0010	0.00036	mg/Kg	☼	10/10/25 10:24	10/10/25 15:52	1
1,2-Dichloroethane	0.0010	U	0.0010	0.00030	mg/Kg	☼	10/10/25 10:24	10/10/25 15:52	1
1,2-Dichloropropane	0.0010	U	0.0010	0.00043	mg/Kg	☼	10/10/25 10:24	10/10/25 15:52	1
1,3,5-Trimethylbenzene	0.0010	U	0.0010	0.00032	mg/Kg	☼	10/10/25 10:24	10/10/25 15:52	1
1,3-Dichlorobenzene	0.0010	U	0.0010	0.00037	mg/Kg	☼	10/10/25 10:24	10/10/25 15:52	1
1,4-Dichlorobenzene	0.0010	U	0.0010	0.00052	mg/Kg	☼	10/10/25 10:24	10/10/25 15:52	1
2-Butanone (MEK)	0.0050	U	0.0050	0.00037	mg/Kg	☼	10/10/25 10:24	10/10/25 15:52	1
2-Hexanone	0.0050	U	0.0050	0.0017	mg/Kg	☼	10/10/25 10:24	10/10/25 15:52	1
4-Methyl-2-pentanone (MIBK)	0.0050	U *	0.0050	0.0016	mg/Kg	☼	10/10/25 10:24	10/10/25 15:52	1
Acetone	0.0061	U	0.0061	0.0058	mg/Kg	☼	10/10/25 10:24	10/10/25 15:52	1
Benzene	0.0010	U	0.0010	0.00057	mg/Kg	☼	10/10/25 10:24	10/10/25 15:52	1
Bromoform	0.0010	U	0.0010	0.00043	mg/Kg	☼	10/10/25 10:24	10/10/25 15:52	1
Bromomethane	0.0020	U	0.0020	0.0010	mg/Kg	☼	10/10/25 10:24	10/10/25 15:52	1
Carbon disulfide	0.0010	U	0.0010	0.00027	mg/Kg	☼	10/10/25 10:24	10/10/25 15:52	1
Carbon tetrachloride	0.0010	U	0.0010	0.00039	mg/Kg	☼	10/10/25 10:24	10/10/25 15:52	1
Chlorobenzene	0.0010	U	0.0010	0.00051	mg/Kg	☼	10/10/25 10:24	10/10/25 15:52	1
Chlorobromomethane	0.0010	U	0.0010	0.00060	mg/Kg	☼	10/10/25 10:24	10/10/25 15:52	1
Chlorodibromomethane	0.0010	U	0.0010	0.00054	mg/Kg	☼	10/10/25 10:24	10/10/25 15:52	1
Chloroethane	0.0010	U	0.0010	0.00053	mg/Kg	☼	10/10/25 10:24	10/10/25 15:52	1
Chloroform	0.0010	U	0.0010	0.00098	mg/Kg	☼	10/10/25 10:24	10/10/25 15:52	1
Chloromethane	0.0010	U	0.0010	0.00044	mg/Kg	☼	10/10/25 10:24	10/10/25 15:52	1
cis-1,2-Dichloroethene	0.0010	U	0.0010	0.00036	mg/Kg	☼	10/10/25 10:24	10/10/25 15:52	1
cis-1,3-Dichloropropene	0.0010	U	0.0010	0.00028	mg/Kg	☼	10/10/25 10:24	10/10/25 15:52	1
Cyclohexane	0.0010	U	0.0010	0.00022	mg/Kg	☼	10/10/25 10:24	10/10/25 15:52	1
Dichlorobromomethane	0.0010	U	0.0010	0.00026	mg/Kg	☼	10/10/25 10:24	10/10/25 15:52	1

Client Sample ID: 44B2_2-3

Lab Sample ID: 460-336648-31

Date Collected: 10/07/25 09:50
Matrix: Solid
Date Received: 10/07/25 17:15
Percent Solids: 97.9

Method: SW846 8260D - Volatile Organic Compounds by GC/MS (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Dichlorodifluoromethane	0.0010	U	0.0010	0.00034	mg/Kg	☼	10/10/25 10:24	10/10/25 15:52	1
Ethylbenzene	0.0010	U	0.0010	0.00047	mg/Kg	☼	10/10/25 10:24	10/10/25 15:52	1
Ethylene Dibromide	0.0010	U	0.0010	0.00051	mg/Kg	☼	10/10/25 10:24	10/10/25 15:52	1
Isopropylbenzene	0.0010	U	0.0010	0.00029	mg/Kg	☼	10/10/25 10:24	10/10/25 15:52	1
Methyl acetate	0.0050	U	0.0050	0.0043	mg/Kg	☼	10/10/25 10:24	10/10/25 15:52	1
Methyl tert-butyl ether	0.0010	U	0.0010	0.00052	mg/Kg	☼	10/10/25 10:24	10/10/25 15:52	1
Methylcyclohexane	0.0010	U	0.0010	0.00050	mg/Kg	☼	10/10/25 10:24	10/10/25 15:52	1
Methylene Chloride	0.0020	U	0.0020	0.0012	mg/Kg	☼	10/10/25 10:24	10/10/25 15:52	1
m-Xylene & p-Xylene	0.0010	U	0.0010	0.00043	mg/Kg	☼	10/10/25 10:24	10/10/25 15:52	1
n-Butylbenzene	0.0010	U	0.0010	0.00030	mg/Kg	☼	10/10/25 10:24	10/10/25 15:52	1
N-Propylbenzene	0.0010	U	0.0010	0.00045	mg/Kg	☼	10/10/25 10:24	10/10/25 15:52	1
o-Xylene	0.0010	U	0.0010	0.00046	mg/Kg	☼	10/10/25 10:24	10/10/25 15:52	1
sec-Butylbenzene	0.0010	U	0.0010	0.00029	mg/Kg	☼	10/10/25 10:24	10/10/25 15:52	1
Styrene	0.0010	U	0.0010	0.00028	mg/Kg	☼	10/10/25 10:24	10/10/25 15:52	1
tert-Butylbenzene	0.0010	U	0.0010	0.00028	mg/Kg	☼	10/10/25 10:24	10/10/25 15:52	1
Tetrachloroethene	0.0010	U	0.0010	0.00031	mg/Kg	☼	10/10/25 10:24	10/10/25 15:52	1
Toluene	**0.00043**	**J**	0.0010	0.00024	mg/Kg	☼	10/10/25 10:24	10/10/25 15:52	1
trans-1,2-Dichloroethene	0.0010	U	0.0010	0.00025	mg/Kg	☼	10/10/25 10:24	10/10/25 15:52	1
trans-1,3-Dichloropropene	0.0010	U	0.0010	0.00027	mg/Kg	☼	10/10/25 10:24	10/10/25 15:52	1
Trichloroethene	0.0010	U	0.0010	0.00032	mg/Kg	☼	10/10/25 10:24	10/10/25 15:52	1
Trichlorofluoromethane	0.0010	U	0.0010	0.00041	mg/Kg	☼	10/10/25 10:24	10/10/25 15:52	1
Vinyl chloride	0.0010	U	0.0010	0.00055	mg/Kg	☼	10/10/25 10:24	10/10/25 15:52	1
Xylenes, Total	0.0020	U	0.0020	0.00018	mg/Kg	☼	10/10/25 10:24	10/10/25 15:52	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,2-Dichloroethane-d4 (Surr)	*111*		*65 - 138*	*10/10/25 10:24*	*10/10/25 15:52*	*1*
4-Bromofluorobenzene	*101*		*71 - 128*	*10/10/25 10:24*	*10/10/25 15:52*	*1*
Dibromofluoromethane (Surr)	*119*		*50 - 150*	*10/10/25 10:24*	*10/10/25 15:52*	*1*
Toluene-d8 (Surr)	*94*		*71 - 126*	*10/10/25 10:24*	*10/10/25 15:52*	*1*

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Percent Moisture (EPA Moisture)	**2.1**		1.0	1.0	%			10/12/25 15:03	1
Percent Solids (EPA Moisture)	**97.9**		1.0	1.0	%			10/12/25 15:03	1

Client Sample ID: 44B3_3-4

Lab Sample ID: 460-336648-32

Date Collected: 10/07/25 09:55
Matrix: Solid
Date Received: 10/07/25 17:15
Percent Solids: 98.9

Method: SW846 8260D - Volatile Organic Compounds by GC/MS

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1-Trichloroethane	0.0012	U	0.0012	0.00028	mg/Kg	☼	10/10/25 10:24	10/10/25 16:15	1
1,1,2,2-Tetrachloroethane	0.0012	U	0.0012	0.00063	mg/Kg	☼	10/10/25 10:24	10/10/25 16:15	1
1,1,2-Trichloro-1,2,2-trifluoroethane	0.0012	U	0.0012	0.00036	mg/Kg	☼	10/10/25 10:24	10/10/25 16:15	1
1,1,2-Trichloroethane	0.0012	U	0.0012	0.00072	mg/Kg	☼	10/10/25 10:24	10/10/25 16:15	1
1,1-Dichloroethane	0.0012	U	0.0012	0.00072	mg/Kg	☼	10/10/25 10:24	10/10/25 16:15	1
1,1-Dichloroethene	0.0012	U	0.0012	0.00027	mg/Kg	☼	10/10/25 10:24	10/10/25 16:15	1
1,2,3-Trichlorobenzene	0.0012	U	0.0012	0.00089	mg/Kg	☼	10/10/25 10:24	10/10/25 16:15	1
1,2,4-Trichlorobenzene	0.0012	U	0.0012	0.00043	mg/Kg	☼	10/10/25 10:24	10/10/25 16:15	1
1,2,4-Trimethylbenzene	0.0012	U	0.0012	0.00030	mg/Kg	☼	10/10/25 10:24	10/10/25 16:15	1

Client: Haley & Aldrich, Inc.
Project/Site: Former Port Mobil

Job ID: 460-336648-1

Client Sample ID: 44B3_3-4
Date Collected: 10/07/25 09:55
Date Received: 10/07/25 17:15

Lab Sample ID: 460-336648-32
Matrix: Solid
Percent Solids: 98.9

Method: SW846 8260D - Volatile Organic Compounds by GC/MS (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,2-Dibromo-3-Chloropropane	0.0012	U	0.0012	0.00055	mg/Kg	☼	10/10/25 10:24	10/10/25 16:15	1
1,2-Dichlorobenzene	0.0012	U	0.0012	0.00043	mg/Kg	☼	10/10/25 10:24	10/10/25 16:15	1
1,2-Dichloroethane	0.0012	U	0.0012	0.00036	mg/Kg	☼	10/10/25 10:24	10/10/25 16:15	1
1,2-Dichloropropane	0.0012	U	0.0012	0.00051	mg/Kg	☼	10/10/25 10:24	10/10/25 16:15	1
1,3,5-Trimethylbenzene	0.0012	U	0.0012	0.00038	mg/Kg	☼	10/10/25 10:24	10/10/25 16:15	1
1,3-Dichlorobenzene	0.0012	U	0.0012	0.00044	mg/Kg	☼	10/10/25 10:24	10/10/25 16:15	1
1,4-Dichlorobenzene	0.0012	U	0.0012	0.00062	mg/Kg	☼	10/10/25 10:24	10/10/25 16:15	1
2-Butanone (MEK)	0.0060	U	0.0060	0.00044	mg/Kg	☼	10/10/25 10:24	10/10/25 16:15	1
2-Hexanone	0.0060	U	0.0060	0.0021	mg/Kg	☼	10/10/25 10:24	10/10/25 16:15	1
4-Methyl-2-pentanone (MIBK)	0.0060	U *	0.0060	0.0019	mg/Kg	☼	10/10/25 10:24	10/10/25 16:15	1
Acetone	0.0072	U	0.0072	0.0069	mg/Kg	☼	10/10/25 10:24	10/10/25 16:15	1
Benzene	0.0012	U	0.0012	0.00068	mg/Kg	☼	10/10/25 10:24	10/10/25 16:15	1
Bromoform	0.0012	U	0.0012	0.00051	mg/Kg	☼	10/10/25 10:24	10/10/25 16:15	1
Bromomethane	0.0024	U	0.0024	0.0012	mg/Kg	☼	10/10/25 10:24	10/10/25 16:15	1
Carbon disulfide	0.0012	U	0.0012	0.00032	mg/Kg	☼	10/10/25 10:24	10/10/25 16:15	1
Carbon tetrachloride	0.0012	U	0.0012	0.00046	mg/Kg	☼	10/10/25 10:24	10/10/25 16:15	1
Chlorobenzene	0.0012	U	0.0012	0.00061	mg/Kg	☼	10/10/25 10:24	10/10/25 16:15	1
Chlorobromomethane	0.0012	U	0.0012	0.00071	mg/Kg	☼	10/10/25 10:24	10/10/25 16:15	1
Chlorodibromomethane	0.0012	U	0.0012	0.00064	mg/Kg	☼	10/10/25 10:24	10/10/25 16:15	1
Chloroethane	0.0012	U	0.0012	0.00063	mg/Kg	☼	10/10/25 10:24	10/10/25 16:15	1
Chloroform	0.0012	U	0.0012	0.0012	mg/Kg	☼	10/10/25 10:24	10/10/25 16:15	1
Chloromethane	0.0012	U	0.0012	0.00052	mg/Kg	☼	10/10/25 10:24	10/10/25 16:15	1
cis-1,2-Dichloroethene	0.0012	U	0.0012	0.00043	mg/Kg	☼	10/10/25 10:24	10/10/25 16:15	1
cis-1,3-Dichloropropene	0.0012	U	0.0012	0.00033	mg/Kg	☼	10/10/25 10:24	10/10/25 16:15	1
Cyclohexane	0.0012	U	0.0012	0.00027	mg/Kg	☼	10/10/25 10:24	10/10/25 16:15	1
Dichlorobromomethane	0.0012	U	0.0012	0.00031	mg/Kg	☼	10/10/25 10:24	10/10/25 16:15	1
Dichlorodifluoromethane	0.0012	U	0.0012	0.00041	mg/Kg	☼	10/10/25 10:24	10/10/25 16:15	1
Ethylbenzene	0.0012	U	0.0012	0.00056	mg/Kg	☼	10/10/25 10:24	10/10/25 16:15	1
Ethylene Dibromide	0.0012	U	0.0012	0.00060	mg/Kg	☼	10/10/25 10:24	10/10/25 16:15	1
Isopropylbenzene	0.0012	U	0.0012	0.00034	mg/Kg	☼	10/10/25 10:24	10/10/25 16:15	1
Methyl acetate	0.0060	U	0.0060	0.0052	mg/Kg	☼	10/10/25 10:24	10/10/25 16:15	1
Methyl tert-butyl ether	0.0012	U	0.0012	0.00061	mg/Kg	☼	10/10/25 10:24	10/10/25 16:15	1
Methylcyclohexane	0.0012	U	0.0012	0.00060	mg/Kg	☼	10/10/25 10:24	10/10/25 16:15	1
Methylene Chloride	0.0024	U	0.0024	0.0014	mg/Kg	☼	10/10/25 10:24	10/10/25 16:15	1
m-Xylene & p-Xylene	0.0012	U	0.0012	0.00051	mg/Kg	☼	10/10/25 10:24	10/10/25 16:15	1
n-Butylbenzene	0.0012	U	0.0012	0.00035	mg/Kg	☼	10/10/25 10:24	10/10/25 16:15	1
N-Propylbenzene	0.0012	U	0.0012	0.00054	mg/Kg	☼	10/10/25 10:24	10/10/25 16:15	1
o-Xylene	0.0012	U	0.0012	0.00055	mg/Kg	☼	10/10/25 10:24	10/10/25 16:15	1
sec-Butylbenzene	0.0012	U	0.0012	0.00035	mg/Kg	☼	10/10/25 10:24	10/10/25 16:15	1
Styrene	0.0012	U	0.0012	0.00033	mg/Kg	☼	10/10/25 10:24	10/10/25 16:15	1
tert-Butylbenzene	0.0012	U	0.0012	0.00033	mg/Kg	☼	10/10/25 10:24	10/10/25 16:15	1
Tetrachloroethene	0.0012	U	0.0012	0.00037	mg/Kg	☼	10/10/25 10:24	10/10/25 16:15	1
Toluene	**0.00053**	**J**	0.0012	0.00028	mg/Kg	☼	10/10/25 10:24	10/10/25 16:15	1
trans-1,2-Dichloroethene	0.0012	U	0.0012	0.00030	mg/Kg	☼	10/10/25 10:24	10/10/25 16:15	1
trans-1,3-Dichloropropene	0.0012	U	0.0012	0.00032	mg/Kg	☼	10/10/25 10:24	10/10/25 16:15	1
Trichloroethene	0.0012	U	0.0012	0.00039	mg/Kg	☼	10/10/25 10:24	10/10/25 16:15	1
Trichlorofluoromethane	0.0012	U	0.0012	0.00049	mg/Kg	☼	10/10/25 10:24	10/10/25 16:15	1
Vinyl chloride	0.0012	U	0.0012	0.00065	mg/Kg	☼	10/10/25 10:24	10/10/25 16:15	1
Xylenes, Total	0.0024	U	0.0024	0.00021	mg/Kg	☼	10/10/25 10:24	10/10/25 16:15	1

Client Sample ID: 44B3_3-4

Lab Sample ID: 460-336648-32

Date Collected: 10/07/25 09:55
Matrix: Solid
Date Received: 10/07/25 17:15
Percent Solids: 98.9

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
1,2-Dichloroethane-d4 (Surr)	114		65 - 138	10/10/25 10:24	10/10/25 16:15	1
4-Bromofluorobenzene	101		71 - 128	10/10/25 10:24	10/10/25 16:15	1
Dibromofluoromethane (Surr)	123		50 - 150	10/10/25 10:24	10/10/25 16:15	1
Toluene-d8 (Surr)	93		71 - 126	10/10/25 10:24	10/10/25 16:15	1

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Percent Moisture (EPA Moisture)	1.1		1.0	1.0	%			10/12/25 15:03	1
Percent Solids (EPA Moisture)	98.9		1.0	1.0	%			10/12/25 15:03	1

Client Sample ID: 44B1_4-5

Lab Sample ID: 460-336648-33

Date Collected: 10/07/25 10:00
Matrix: Solid
Date Received: 10/07/25 17:15
Percent Solids: 98.4

Method: SW846 8260D - Volatile Organic Compounds by GC/MS

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1-Trichloroethane	0.0010	U	0.0010	0.00024	mg/Kg	☼	10/10/25 10:24	10/10/25 16:38	1
1,1,2,2-Tetrachloroethane	0.0010	U	0.0010	0.00054	mg/Kg	☼	10/10/25 10:24	10/10/25 16:38	1
1,1,2-Trichloro-1,2,2-trifluoroethane	0.0010	U	0.0010	0.00031	mg/Kg	☼	10/10/25 10:24	10/10/25 16:38	1
1,1,2-Trichloroethane	0.0010	U	0.0010	0.00062	mg/Kg	☼	10/10/25 10:24	10/10/25 16:38	1
1,1-Dichloroethane	0.0010	U	0.0010	0.00062	mg/Kg	☼	10/10/25 10:24	10/10/25 16:38	1
1,1-Dichloroethene	0.0010	U	0.0010	0.00023	mg/Kg	☼	10/10/25 10:24	10/10/25 16:38	1
1,2,3-Trichlorobenzene	0.0010	U	0.0010	0.00076	mg/Kg	☼	10/10/25 10:24	10/10/25 16:38	1
1,2,4-Trichlorobenzene	0.0010	U	0.0010	0.00037	mg/Kg	☼	10/10/25 10:24	10/10/25 16:38	1
1,2,4-Trimethylbenzene	0.0010	U	0.0010	0.00025	mg/Kg	☼	10/10/25 10:24	10/10/25 16:38	1
1,2-Dibromo-3-Chloropropane	0.0010	U	0.0010	0.00048	mg/Kg	☼	10/10/25 10:24	10/10/25 16:38	1
1,2-Dichlorobenzene	0.0010	U	0.0010	0.00037	mg/Kg	☼	10/10/25 10:24	10/10/25 16:38	1
1,2-Dichloroethane	0.0010	U	0.0010	0.00031	mg/Kg	☼	10/10/25 10:24	10/10/25 16:38	1
1,2-Dichloropropane	0.0010	U	0.0010	0.00044	mg/Kg	☼	10/10/25 10:24	10/10/25 16:38	1
1,3,5-Trimethylbenzene	0.0010	U	0.0010	0.00033	mg/Kg	☼	10/10/25 10:24	10/10/25 16:38	1
1,3-Dichlorobenzene	0.0010	U	0.0010	0.00038	mg/Kg	☼	10/10/25 10:24	10/10/25 16:38	1
1,4-Dichlorobenzene	0.0010	U	0.0010	0.00054	mg/Kg	☼	10/10/25 10:24	10/10/25 16:38	1
2-Butanone (MEK)	0.0052	U	0.0052	0.00038	mg/Kg	☼	10/10/25 10:24	10/10/25 16:38	1
2-Hexanone	0.0052	U	0.0052	0.0018	mg/Kg	☼	10/10/25 10:24	10/10/25 16:38	1
4-Methyl-2-pentanone (MIBK)	0.0052	U *	0.0052	0.0016	mg/Kg	☼	10/10/25 10:24	10/10/25 16:38	1
Acetone	0.0062	U	0.0062	0.0059	mg/Kg	☼	10/10/25 10:24	10/10/25 16:38	1
Benzene	0.0010	U	0.0010	0.00059	mg/Kg	☼	10/10/25 10:24	10/10/25 16:38	1
Bromoform	0.0010	U	0.0010	0.00044	mg/Kg	☼	10/10/25 10:24	10/10/25 16:38	1
Bromomethane	0.0021	U	0.0021	0.0010	mg/Kg	☼	10/10/25 10:24	10/10/25 16:38	1
Carbon disulfide	0.0010	U	0.0010	0.00028	mg/Kg	☼	10/10/25 10:24	10/10/25 16:38	1
Carbon tetrachloride	0.0010	U	0.0010	0.00040	mg/Kg	☼	10/10/25 10:24	10/10/25 16:38	1
Chlorobenzene	0.0010	U	0.0010	0.00052	mg/Kg	☼	10/10/25 10:24	10/10/25 16:38	1
Chlorobromomethane	0.0010	U	0.0010	0.00062	mg/Kg	☼	10/10/25 10:24	10/10/25 16:38	1
Chlorodibromomethane	0.0010	U	0.0010	0.00056	mg/Kg	☼	10/10/25 10:24	10/10/25 16:38	1
Chloroethane	0.0010	U	0.0010	0.00054	mg/Kg	☼	10/10/25 10:24	10/10/25 16:38	1
Chloroform	0.0010	U	0.0010	0.0010	mg/Kg	☼	10/10/25 10:24	10/10/25 16:38	1
Chloromethane	0.0010	U	0.0010	0.00045	mg/Kg	☼	10/10/25 10:24	10/10/25 16:38	1
cis-1,2-Dichloroethene	0.0010	U	0.0010	0.00037	mg/Kg	☼	10/10/25 10:24	10/10/25 16:38	1
cis-1,3-Dichloropropene	0.0010	U	0.0010	0.00028	mg/Kg	☼	10/10/25 10:24	10/10/25 16:38	1
Cyclohexane	0.0010	U	0.0010	0.00023	mg/Kg	☼	10/10/25 10:24	10/10/25 16:38	1
Dichlorobromomethane	0.0010	U	0.0010	0.00027	mg/Kg	☼	10/10/25 10:24	10/10/25 16:38	1

Client Sample ID: 44B1_4-5

Lab Sample ID: 460-336648-33

Date Collected: 10/07/25 10:00
Matrix: Solid
Date Received: 10/07/25 17:15
Percent Solids: 98.4

Method: SW846 8260D - Volatile Organic Compounds by GC/MS (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Dichlorodifluoromethane	0.0010	U	0.0010	0.00035	mg/Kg	☼	10/10/25 10:24	10/10/25 16:38	1
Ethylbenzene	0.0010	U	0.0010	0.00048	mg/Kg	☼	10/10/25 10:24	10/10/25 16:38	1
Ethylene Dibromide	0.0010	U	0.0010	0.00052	mg/Kg	☼	10/10/25 10:24	10/10/25 16:38	1
Isopropylbenzene	0.0010	U	0.0010	0.00030	mg/Kg	☼	10/10/25 10:24	10/10/25 16:38	1
Methyl acetate	0.0052	U	0.0052	0.0045	mg/Kg	☼	10/10/25 10:24	10/10/25 16:38	1
Methyl tert-butyl ether	0.0010	U	0.0010	0.00053	mg/Kg	☼	10/10/25 10:24	10/10/25 16:38	1
Methylcyclohexane	0.0010	U	0.0010	0.00052	mg/Kg	☼	10/10/25 10:24	10/10/25 16:38	1
Methylene Chloride	0.0021	U	0.0021	0.0012	mg/Kg	☼	10/10/25 10:24	10/10/25 16:38	1
m-Xylene & p-Xylene	0.0010	U	0.0010	0.00044	mg/Kg	☼	10/10/25 10:24	10/10/25 16:38	1
n-Butylbenzene	0.0010	U	0.0010	0.00030	mg/Kg	☼	10/10/25 10:24	10/10/25 16:38	1
N-Propylbenzene	0.0010	U	0.0010	0.00046	mg/Kg	☼	10/10/25 10:24	10/10/25 16:38	1
o-Xylene	0.0010	U	0.0010	0.00048	mg/Kg	☼	10/10/25 10:24	10/10/25 16:38	1
sec-Butylbenzene	0.0010	U	0.0010	0.00030	mg/Kg	☼	10/10/25 10:24	10/10/25 16:38	1
Styrene	0.0010	U	0.0010	0.00029	mg/Kg	☼	10/10/25 10:24	10/10/25 16:38	1
tert-Butylbenzene	0.0010	U	0.0010	0.00029	mg/Kg	☼	10/10/25 10:24	10/10/25 16:38	1
Tetrachloroethene	0.0010	U	0.0010	0.00032	mg/Kg	☼	10/10/25 10:24	10/10/25 16:38	1
Toluene	0.0010	U	0.0010	0.00024	mg/Kg	☼	10/10/25 10:24	10/10/25 16:38	1
trans-1,2-Dichloroethene	0.0010	U	0.0010	0.00025	mg/Kg	☼	10/10/25 10:24	10/10/25 16:38	1
trans-1,3-Dichloropropene	0.0010	U	0.0010	0.00028	mg/Kg	☼	10/10/25 10:24	10/10/25 16:38	1
Trichloroethene	0.0010	U	0.0010	0.00033	mg/Kg	☼	10/10/25 10:24	10/10/25 16:38	1
Trichlorofluoromethane	0.0010	U	0.0010	0.00042	mg/Kg	☼	10/10/25 10:24	10/10/25 16:38	1
Vinyl chloride	0.0010	U	0.0010	0.00057	mg/Kg	☼	10/10/25 10:24	10/10/25 16:38	1
Xylenes, Total	0.0021	U	0.0021	0.00018	mg/Kg	☼	10/10/25 10:24	10/10/25 16:38	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,2-Dichloroethane-d4 (Surr)	*111*		*65 - 138*	*10/10/25 10:24*	*10/10/25 16:38*	*1*
4-Bromofluorobenzene	*101*		*71 - 128*	*10/10/25 10:24*	*10/10/25 16:38*	*1*
Dibromofluoromethane (Surr)	*121*		*50 - 150*	*10/10/25 10:24*	*10/10/25 16:38*	*1*
Toluene-d8 (Surr)	*94*		*71 - 126*	*10/10/25 10:24*	*10/10/25 16:38*	*1*

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Percent Moisture (EPA Moisture)	**1.6**		1.0	1.0	%			10/12/25 15:03	1
Percent Solids (EPA Moisture)	**98.4**		1.0	1.0	%			10/12/25 15:03	1

Client Sample ID: 44B2_5-6

Lab Sample ID: 460-336648-34

Date Collected: 10/07/25 10:05
Matrix: Solid
Date Received: 10/07/25 17:15
Percent Solids: 90.0

Method: SW846 8260D - Volatile Organic Compounds by GC/MS

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1-Trichloroethane	0.0011	U	0.0011	0.00025	mg/Kg	☼	10/10/25 10:25	10/10/25 17:01	1
1,1,2,2-Tetrachloroethane	0.0011	U	0.0011	0.00057	mg/Kg	☼	10/10/25 10:25	10/10/25 17:01	1
1,1,2-Trichloro-1,2,2-trifluoroethane	0.0011	U	0.0011	0.00033	mg/Kg	☼	10/10/25 10:25	10/10/25 17:01	1
1,1,2-Trichloroethane	0.0011	U	0.0011	0.00066	mg/Kg	☼	10/10/25 10:25	10/10/25 17:01	1
1,1-Dichloroethane	0.0011	U	0.0011	0.00065	mg/Kg	☼	10/10/25 10:25	10/10/25 17:01	1
1,1-Dichloroethene	0.0011	U	0.0011	0.00025	mg/Kg	☼	10/10/25 10:25	10/10/25 17:01	1
1,2,3-Trichlorobenzene	0.0011	U	0.0011	0.00081	mg/Kg	☼	10/10/25 10:25	10/10/25 17:01	1
1,2,4-Trichlorobenzene	0.0011	U	0.0011	0.00039	mg/Kg	☼	10/10/25 10:25	10/10/25 17:01	1
1,2,4-Trimethylbenzene	0.0011	U	0.0011	0.00027	mg/Kg	☼	10/10/25 10:25	10/10/25 17:01	1

Client: Haley & Aldrich, Inc.
Project/Site: Former Port Mobil

Job ID: 460-336648-1

Client Sample ID: 44B2_5-6
Date Collected: 10/07/25 10:05
Date Received: 10/07/25 17:15

Lab Sample ID: 460-336648-34
Matrix: Solid
Percent Solids: 90.0

Method: SW846 8260D - Volatile Organic Compounds by GC/MS (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,2-Dibromo-3-Chloropropane	0.0011	U	0.0011	0.00050	mg/Kg	☼	10/10/25 10:25	10/10/25 17:01	1
1,2-Dichlorobenzene	0.0011	U	0.0011	0.00039	mg/Kg	☼	10/10/25 10:25	10/10/25 17:01	1
1,2-Dichloroethane	0.0011	U	0.0011	0.00032	mg/Kg	☼	10/10/25 10:25	10/10/25 17:01	1
1,2-Dichloropropane	0.0011	U	0.0011	0.00046	mg/Kg	☼	10/10/25 10:25	10/10/25 17:01	1
1,3,5-Trimethylbenzene	0.0011	U	0.0011	0.00034	mg/Kg	☼	10/10/25 10:25	10/10/25 17:01	1
1,3-Dichlorobenzene	0.0011	U	0.0011	0.00040	mg/Kg	☼	10/10/25 10:25	10/10/25 17:01	1
1,4-Dichlorobenzene	0.0011	U	0.0011	0.00057	mg/Kg	☼	10/10/25 10:25	10/10/25 17:01	1
2-Butanone (MEK)	0.0055	U	0.0055	0.00040	mg/Kg	☼	10/10/25 10:25	10/10/25 17:01	1
2-Hexanone	0.0055	U	0.0055	0.0019	mg/Kg	☼	10/10/25 10:25	10/10/25 17:01	1
4-Methyl-2-pentanone (MIBK)	0.0055	U *	0.0055	0.0017	mg/Kg	☼	10/10/25 10:25	10/10/25 17:01	1
Acetone	**0.013**		0.0066	0.0062	mg/Kg	☼	10/10/25 10:25	10/10/25 17:01	1
Benzene	0.0011	U	0.0011	0.00062	mg/Kg	☼	10/10/25 10:25	10/10/25 17:01	1
Bromoform	0.0011	U	0.0011	0.00046	mg/Kg	☼	10/10/25 10:25	10/10/25 17:01	1
Bromomethane	0.0022	U	0.0022	0.0011	mg/Kg	☼	10/10/25 10:25	10/10/25 17:01	1
Carbon disulfide	0.0011	U	0.0011	0.00029	mg/Kg	☼	10/10/25 10:25	10/10/25 17:01	1
Carbon tetrachloride	0.0011	U	0.0011	0.00042	mg/Kg	☼	10/10/25 10:25	10/10/25 17:01	1
Chlorobenzene	0.0011	U	0.0011	0.00055	mg/Kg	☼	10/10/25 10:25	10/10/25 17:01	1
Chlorobromomethane	0.0011	U	0.0011	0.00065	mg/Kg	☼	10/10/25 10:25	10/10/25 17:01	1
Chlorodibromomethane	0.0011	U	0.0011	0.00059	mg/Kg	☼	10/10/25 10:25	10/10/25 17:01	1
Chloroethane	0.0011	U	0.0011	0.00057	mg/Kg	☼	10/10/25 10:25	10/10/25 17:01	1
Chloroform	0.0011	U	0.0011	0.0011	mg/Kg	☼	10/10/25 10:25	10/10/25 17:01	1
Chloromethane	0.0011	U	0.0011	0.00048	mg/Kg	☼	10/10/25 10:25	10/10/25 17:01	1
cis-1,2-Dichloroethene	0.0011	U	0.0011	0.00039	mg/Kg	☼	10/10/25 10:25	10/10/25 17:01	1
cis-1,3-Dichloropropene	0.0011	U	0.0011	0.00030	mg/Kg	☼	10/10/25 10:25	10/10/25 17:01	1
Cyclohexane	0.0011	U	0.0011	0.00024	mg/Kg	☼	10/10/25 10:25	10/10/25 17:01	1
Dichlorobromomethane	0.0011	U	0.0011	0.00028	mg/Kg	☼	10/10/25 10:25	10/10/25 17:01	1
Dichlorodifluoromethane	0.0011	U	0.0011	0.00037	mg/Kg	☼	10/10/25 10:25	10/10/25 17:01	1
Ethylbenzene	0.0011	U	0.0011	0.00051	mg/Kg	☼	10/10/25 10:25	10/10/25 17:01	1
Ethylene Dibromide	0.0011	U	0.0011	0.00055	mg/Kg	☼	10/10/25 10:25	10/10/25 17:01	1
Isopropylbenzene	0.0011	U	0.0011	0.00031	mg/Kg	☼	10/10/25 10:25	10/10/25 17:01	1
Methyl acetate	0.0055	U	0.0055	0.0047	mg/Kg	☼	10/10/25 10:25	10/10/25 17:01	1
Methyl tert-butyl ether	0.0011	U	0.0011	0.00056	mg/Kg	☼	10/10/25 10:25	10/10/25 17:01	1
Methylcyclohexane	0.0011	U	0.0011	0.00054	mg/Kg	☼	10/10/25 10:25	10/10/25 17:01	1
Methylene Chloride	0.0022	U	0.0022	0.0013	mg/Kg	☼	10/10/25 10:25	10/10/25 17:01	1
m-Xylene & p-Xylene	0.0011	U	0.0011	0.00046	mg/Kg	☼	10/10/25 10:25	10/10/25 17:01	1
n-Butylbenzene	0.0011	U	0.0011	0.00032	mg/Kg	☼	10/10/25 10:25	10/10/25 17:01	1
N-Propylbenzene	0.0011	U	0.0011	0.00049	mg/Kg	☼	10/10/25 10:25	10/10/25 17:01	1
o-Xylene	0.0011	U	0.0011	0.00050	mg/Kg	☼	10/10/25 10:25	10/10/25 17:01	1
sec-Butylbenzene	0.0011	U	0.0011	0.00031	mg/Kg	☼	10/10/25 10:25	10/10/25 17:01	1
Styrene	0.0011	U	0.0011	0.00030	mg/Kg	☼	10/10/25 10:25	10/10/25 17:01	1
tert-Butylbenzene	0.0011	U	0.0011	0.00030	mg/Kg	☼	10/10/25 10:25	10/10/25 17:01	1
Tetrachloroethene	0.0011	U	0.0011	0.00033	mg/Kg	☼	10/10/25 10:25	10/10/25 17:01	1
Toluene	**0.00054**	**J**	0.0011	0.00026	mg/Kg	☼	10/10/25 10:25	10/10/25 17:01	1
trans-1,2-Dichloroethene	0.0011	U	0.0011	0.00027	mg/Kg	☼	10/10/25 10:25	10/10/25 17:01	1
trans-1,3-Dichloropropene	0.0011	U	0.0011	0.00029	mg/Kg	☼	10/10/25 10:25	10/10/25 17:01	1
Trichloroethene	0.0011	U	0.0011	0.00035	mg/Kg	☼	10/10/25 10:25	10/10/25 17:01	1
Trichlorofluoromethane	0.0011	U	0.0011	0.00044	mg/Kg	☼	10/10/25 10:25	10/10/25 17:01	1
Vinyl chloride	0.0011	U	0.0011	0.00060	mg/Kg	☼	10/10/25 10:25	10/10/25 17:01	1
Xylenes, Total	0.0022	U	0.0022	0.00019	mg/Kg	☼	10/10/25 10:25	10/10/25 17:01	1

Client Sample ID: 44B2_5-6

Lab Sample ID: 460-336648-34

Date Collected: 10/07/25 10:05
Matrix: Solid
Date Received: 10/07/25 17:15
Percent Solids: 90.0

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,2-Dichloroethane-d4 (Surr)	*112*		*65 - 138*	*10/10/25 10:25*	*10/10/25 17:01*	*1*
4-Bromofluorobenzene	*98*		*71 - 128*	*10/10/25 10:25*	*10/10/25 17:01*	*1*
Dibromofluoromethane (Surr)	*124*		*50 - 150*	*10/10/25 10:25*	*10/10/25 17:01*	*1*
Toluene-d8 (Surr)	*93*		*71 - 126*	*10/10/25 10:25*	*10/10/25 17:01*	*1*

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Percent Moisture (EPA Moisture)	**10.0**		1.0	1.0	%			10/12/25 15:03	1
Percent Solids (EPA Moisture)	**90.0**		1.0	1.0	%			10/12/25 15:03	1

Client Sample ID: 44B3_6-7

Lab Sample ID: 460-336648-35

Date Collected: 10/07/25 10:10
Matrix: Solid
Date Received: 10/07/25 17:15
Percent Solids: 95.8

Method: SW846 8260D - Volatile Organic Compounds by GC/MS

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1-Trichloroethane	0.0010	U	0.0010	0.00024	mg/Kg	☼	10/10/25 10:25	10/10/25 17:24	1
1,1,2,2-Tetrachloroethane	0.0010	U	0.0010	0.00054	mg/Kg	☼	10/10/25 10:25	10/10/25 17:24	1
1,1,2-Trichloro-1,2,2-trifluoroethane	0.0010	U	0.0010	0.00031	mg/Kg	☼	10/10/25 10:25	10/10/25 17:24	1
1,1,2-Trichloroethane	0.0010	U	0.0010	0.00062	mg/Kg	☼	10/10/25 10:25	10/10/25 17:24	1
1,1-Dichloroethane	0.0010	U	0.0010	0.00062	mg/Kg	☼	10/10/25 10:25	10/10/25 17:24	1
1,1-Dichloroethene	0.0010	U	0.0010	0.00023	mg/Kg	☼	10/10/25 10:25	10/10/25 17:24	1
1,2,3-Trichlorobenzene	0.0010	U	0.0010	0.00076	mg/Kg	☼	10/10/25 10:25	10/10/25 17:24	1
1,2,4-Trichlorobenzene	0.0010	U	0.0010	0.00037	mg/Kg	☼	10/10/25 10:25	10/10/25 17:24	1
1,2,4-Trimethylbenzene	0.0010	U	0.0010	0.00025	mg/Kg	☼	10/10/25 10:25	10/10/25 17:24	1
1,2-Dibromo-3-Chloropropane	0.0010	U	0.0010	0.00047	mg/Kg	☼	10/10/25 10:25	10/10/25 17:24	1
1,2-Dichlorobenzene	0.0010	U	0.0010	0.00037	mg/Kg	☼	10/10/25 10:25	10/10/25 17:24	1
1,2-Dichloroethane	0.0010	U	0.0010	0.00031	mg/Kg	☼	10/10/25 10:25	10/10/25 17:24	1
1,2-Dichloropropane	0.0010	U	0.0010	0.00044	mg/Kg	☼	10/10/25 10:25	10/10/25 17:24	1
1,3,5-Trimethylbenzene	0.0010	U	0.0010	0.00032	mg/Kg	☼	10/10/25 10:25	10/10/25 17:24	1
1,3-Dichlorobenzene	0.0010	U	0.0010	0.00038	mg/Kg	☼	10/10/25 10:25	10/10/25 17:24	1
1,4-Dichlorobenzene	0.0010	U	0.0010	0.00054	mg/Kg	☼	10/10/25 10:25	10/10/25 17:24	1
2-Butanone (MEK)	0.0052	U	0.0052	0.00038	mg/Kg	☼	10/10/25 10:25	10/10/25 17:24	1
2-Hexanone	0.0052	U	0.0052	0.0018	mg/Kg	☼	10/10/25 10:25	10/10/25 17:24	1
4-Methyl-2-pentanone (MIBK)	0.0052	U *	0.0052	0.0016	mg/Kg	☼	10/10/25 10:25	10/10/25 17:24	1
Acetone	0.0062	U	0.0062	0.0059	mg/Kg	☼	10/10/25 10:25	10/10/25 17:24	1
Benzene	0.0010	U	0.0010	0.00058	mg/Kg	☼	10/10/25 10:25	10/10/25 17:24	1
Bromoform	0.0010	U	0.0010	0.00044	mg/Kg	☼	10/10/25 10:25	10/10/25 17:24	1
Bromomethane	0.0021	U	0.0021	0.0010	mg/Kg	☼	10/10/25 10:25	10/10/25 17:24	1
Carbon disulfide	0.0010	U	0.0010	0.00027	mg/Kg	☼	10/10/25 10:25	10/10/25 17:24	1
Carbon tetrachloride	0.0010	U	0.0010	0.00040	mg/Kg	☼	10/10/25 10:25	10/10/25 17:24	1
Chlorobenzene	0.0010	U	0.0010	0.00052	mg/Kg	☼	10/10/25 10:25	10/10/25 17:24	1
Chlorobromomethane	0.0010	U	0.0010	0.00061	mg/Kg	☼	10/10/25 10:25	10/10/25 17:24	1
Chlorodibromomethane	0.0010	U	0.0010	0.00055	mg/Kg	☼	10/10/25 10:25	10/10/25 17:24	1
Chloroethane	0.0010	U	0.0010	0.00054	mg/Kg	☼	10/10/25 10:25	10/10/25 17:24	1
Chloroform	0.0010	U	0.0010	0.0010	mg/Kg	☼	10/10/25 10:25	10/10/25 17:24	1
Chloromethane	0.0010	U	0.0010	0.00045	mg/Kg	☼	10/10/25 10:25	10/10/25 17:24	1
cis-1,2-Dichloroethene	0.0010	U	0.0010	0.00037	mg/Kg	☼	10/10/25 10:25	10/10/25 17:24	1
cis-1,3-Dichloropropene	0.0010	U	0.0010	0.00028	mg/Kg	☼	10/10/25 10:25	10/10/25 17:24	1
Cyclohexane	0.0010	U	0.0010	0.00023	mg/Kg	☼	10/10/25 10:25	10/10/25 17:24	1
Dichlorobromomethane	0.0010	U	0.0010	0.00026	mg/Kg	☼	10/10/25 10:25	10/10/25 17:24	1

Client Sample ID: 44B3_6-7

Lab Sample ID: 460-336648-35

Date Collected: 10/07/25 10:10
Matrix: Solid
Date Received: 10/07/25 17:15
Percent Solids: 95.8

Method: SW846 8260D - Volatile Organic Compounds by GC/MS (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Dichlorodifluoromethane	0.0010	U	0.0010	0.00035	mg/Kg	☼	10/10/25 10:25	10/10/25 17:24	1
Ethylbenzene	0.0010	U	0.0010	0.00048	mg/Kg	☼	10/10/25 10:25	10/10/25 17:24	1
Ethylene Dibromide	0.0010	U	0.0010	0.00052	mg/Kg	☼	10/10/25 10:25	10/10/25 17:24	1
Isopropylbenzene	0.0010	U	0.0010	0.00029	mg/Kg	☼	10/10/25 10:25	10/10/25 17:24	1
Methyl acetate	0.0052	U	0.0052	0.0044	mg/Kg	☼	10/10/25 10:25	10/10/25 17:24	1
Methyl tert-butyl ether	0.0010	U	0.0010	0.00053	mg/Kg	☼	10/10/25 10:25	10/10/25 17:24	1
Methylcyclohexane	0.0010	U	0.0010	0.00051	mg/Kg	☼	10/10/25 10:25	10/10/25 17:24	1
Methylene Chloride	0.0021	U	0.0021	0.0012	mg/Kg	☼	10/10/25 10:25	10/10/25 17:24	1
m-Xylene & p-Xylene	0.0010	U	0.0010	0.00044	mg/Kg	☼	10/10/25 10:25	10/10/25 17:24	1
n-Butylbenzene	0.0010	U	0.0010	0.00030	mg/Kg	☼	10/10/25 10:25	10/10/25 17:24	1
N-Propylbenzene	0.0010	U	0.0010	0.00046	mg/Kg	☼	10/10/25 10:25	10/10/25 17:24	1
o-Xylene	0.0010	U	0.0010	0.00048	mg/Kg	☼	10/10/25 10:25	10/10/25 17:24	1
sec-Butylbenzene	0.0010	U	0.0010	0.00030	mg/Kg	☼	10/10/25 10:25	10/10/25 17:24	1
Styrene	0.0010	U	0.0010	0.00029	mg/Kg	☼	10/10/25 10:25	10/10/25 17:24	1
tert-Butylbenzene	0.0010	U	0.0010	0.00028	mg/Kg	☼	10/10/25 10:25	10/10/25 17:24	1
Tetrachloroethene	0.0010	U	0.0010	0.00031	mg/Kg	☼	10/10/25 10:25	10/10/25 17:24	1
Toluene	**0.00050**	**J**	0.0010	0.00024	mg/Kg	☼	10/10/25 10:25	10/10/25 17:24	1
trans-1,2-Dichloroethene	0.0010	U	0.0010	0.00025	mg/Kg	☼	10/10/25 10:25	10/10/25 17:24	1
trans-1,3-Dichloropropene	0.0010	U	0.0010	0.00027	mg/Kg	☼	10/10/25 10:25	10/10/25 17:24	1
Trichloroethene	0.0010	U	0.0010	0.00033	mg/Kg	☼	10/10/25 10:25	10/10/25 17:24	1
Trichlorofluoromethane	0.0010	U	0.0010	0.00042	mg/Kg	☼	10/10/25 10:25	10/10/25 17:24	1
Vinyl chloride	0.0010	U	0.0010	0.00056	mg/Kg	☼	10/10/25 10:25	10/10/25 17:24	1
Xylenes, Total	0.0021	U	0.0021	0.00018	mg/Kg	☼	10/10/25 10:25	10/10/25 17:24	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,2-Dichloroethane-d4 (Surr)	*113*		*65 - 138*	*10/10/25 10:25*	*10/10/25 17:24*	*1*
4-Bromofluorobenzene	*100*		*71 - 128*	*10/10/25 10:25*	*10/10/25 17:24*	*1*
Dibromofluoromethane (Surr)	*119*		*50 - 150*	*10/10/25 10:25*	*10/10/25 17:24*	*1*
Toluene-d8 (Surr)	*92*		*71 - 126*	*10/10/25 10:25*	*10/10/25 17:24*	*1*

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Percent Moisture (EPA Moisture)	**4.2**		1.0	1.0	%			10/12/25 15:03	1
Percent Solids (EPA Moisture)	**95.8**		1.0	1.0	%			10/12/25 15:03	1

Client Sample ID: 44B1_7-8

Lab Sample ID: 460-336648-36

Date Collected: 10/07/25 10:15
Matrix: Solid
Date Received: 10/07/25 17:15
Percent Solids: 93.6

Method: SW846 8260D - Volatile Organic Compounds by GC/MS

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1-Trichloroethane	0.00081	U	0.00081	0.00019	mg/Kg	☼	10/10/25 10:25	10/10/25 17:47	1
1,1,2,2-Tetrachloroethane	0.00081	U	0.00081	0.00042	mg/Kg	☼	10/10/25 10:25	10/10/25 17:47	1
1,1,2-Trichloro-1,2,2-trifluoroethane	0.00081	U	0.00081	0.00024	mg/Kg	☼	10/10/25 10:25	10/10/25 17:47	1
1,1,2-Trichloroethane	0.00081	U	0.00081	0.00049	mg/Kg	☼	10/10/25 10:25	10/10/25 17:47	1
1,1-Dichloroethane	0.00081	U	0.00081	0.00049	mg/Kg	☼	10/10/25 10:25	10/10/25 17:47	1
1,1-Dichloroethene	0.00081	U	0.00081	0.00018	mg/Kg	☼	10/10/25 10:25	10/10/25 17:47	1
1,2,3-Trichlorobenzene	0.00081	U	0.00081	0.00060	mg/Kg	☼	10/10/25 10:25	10/10/25 17:47	1
1,2,4-Trichlorobenzene	0.00081	U	0.00081	0.00029	mg/Kg	☼	10/10/25 10:25	10/10/25 17:47	1
1,2,4-Trimethylbenzene	0.00081	U	0.00081	0.00020	mg/Kg	☼	10/10/25 10:25	10/10/25 17:47	1

Client: Haley & Aldrich, Inc.
Project/Site: Former Port Mobil

Job ID: 460-336648-1

Client Sample ID: 44B1_7-8
Date Collected: 10/07/25 10:15
Date Received: 10/07/25 17:15

Lab Sample ID: 460-336648-36
Matrix: Solid
Percent Solids: 93.6

Method: SW846 8260D - Volatile Organic Compounds by GC/MS (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,2-Dibromo-3-Chloropropane	0.00081	U	0.00081	0.00037	mg/Kg	☼	10/10/25 10:25	10/10/25 17:47	1
1,2-Dichlorobenzene	0.00081	U	0.00081	0.00029	mg/Kg	☼	10/10/25 10:25	10/10/25 17:47	1
1,2-Dichloroethane	0.00081	U	0.00081	0.00024	mg/Kg	☼	10/10/25 10:25	10/10/25 17:47	1
1,2-Dichloropropane	0.00081	U	0.00081	0.00034	mg/Kg	☼	10/10/25 10:25	10/10/25 17:47	1
1,3,5-Trimethylbenzene	0.00081	U	0.00081	0.00026	mg/Kg	☼	10/10/25 10:25	10/10/25 17:47	1
1,3-Dichlorobenzene	0.00081	U	0.00081	0.00030	mg/Kg	☼	10/10/25 10:25	10/10/25 17:47	1
1,4-Dichlorobenzene	0.00081	U	0.00081	0.00042	mg/Kg	☼	10/10/25 10:25	10/10/25 17:47	1
2-Butanone (MEK)	0.0041	U	0.0041	0.00030	mg/Kg	☼	10/10/25 10:25	10/10/25 17:47	1
2-Hexanone	0.0041	U	0.0041	0.0014	mg/Kg	☼	10/10/25 10:25	10/10/25 17:47	1
4-Methyl-2-pentanone (MIBK)	0.0041	U *	0.0041	0.0013	mg/Kg	☼	10/10/25 10:25	10/10/25 17:47	1
Acetone	**0.0060**		0.0049	0.0046	mg/Kg	☼	10/10/25 10:25	10/10/25 17:47	1
Benzene	0.00081	U	0.00081	0.00046	mg/Kg	☼	10/10/25 10:25	10/10/25 17:47	1
Bromoform	0.00081	U	0.00081	0.00035	mg/Kg	☼	10/10/25 10:25	10/10/25 17:47	1
Bromomethane	0.0016	U	0.0016	0.00081	mg/Kg	☼	10/10/25 10:25	10/10/25 17:47	1
Carbon disulfide	0.00081	U	0.00081	0.00022	mg/Kg	☼	10/10/25 10:25	10/10/25 17:47	1
Carbon tetrachloride	0.00081	U	0.00081	0.00031	mg/Kg	☼	10/10/25 10:25	10/10/25 17:47	1
Chlorobenzene	0.00081	U	0.00081	0.00041	mg/Kg	☼	10/10/25 10:25	10/10/25 17:47	1
Chlorobromomethane	0.00081	U	0.00081	0.00048	mg/Kg	☼	10/10/25 10:25	10/10/25 17:47	1
Chlorodibromomethane	0.00081	U	0.00081	0.00044	mg/Kg	☼	10/10/25 10:25	10/10/25 17:47	1
Chloroethane	0.00081	U	0.00081	0.00042	mg/Kg	☼	10/10/25 10:25	10/10/25 17:47	1
Chloroform	0.00081	U	0.00081	0.00079	mg/Kg	☼	10/10/25 10:25	10/10/25 17:47	1
Chloromethane	0.00081	U	0.00081	0.00035	mg/Kg	☼	10/10/25 10:25	10/10/25 17:47	1
cis-1,2-Dichloroethene	0.00081	U	0.00081	0.00029	mg/Kg	☼	10/10/25 10:25	10/10/25 17:47	1
cis-1,3-Dichloropropene	0.00081	U	0.00081	0.00022	mg/Kg	☼	10/10/25 10:25	10/10/25 17:47	1
Cyclohexane	0.00081	U	0.00081	0.00018	mg/Kg	☼	10/10/25 10:25	10/10/25 17:47	1
Dichlorobromomethane	0.00081	U	0.00081	0.00021	mg/Kg	☼	10/10/25 10:25	10/10/25 17:47	1
Dichlorodifluoromethane	0.00081	U	0.00081	0.00027	mg/Kg	☼	10/10/25 10:25	10/10/25 17:47	1
Ethylbenzene	0.00081	U	0.00081	0.00038	mg/Kg	☼	10/10/25 10:25	10/10/25 17:47	1
Ethylene Dibromide	0.00081	U	0.00081	0.00041	mg/Kg	☼	10/10/25 10:25	10/10/25 17:47	1
Isopropylbenzene	0.00081	U	0.00081	0.00023	mg/Kg	☼	10/10/25 10:25	10/10/25 17:47	1
Methyl acetate	0.0041	U	0.0041	0.0035	mg/Kg	☼	10/10/25 10:25	10/10/25 17:47	1
Methyl tert-butyl ether	0.00081	U	0.00081	0.00042	mg/Kg	☼	10/10/25 10:25	10/10/25 17:47	1
Methylcyclohexane	0.00081	U	0.00081	0.00041	mg/Kg	☼	10/10/25 10:25	10/10/25 17:47	1
Methylene Chloride	**0.00093**	**J**	0.0016	0.00093	mg/Kg	☼	10/10/25 10:25	10/10/25 17:47	1
m-Xylene & p-Xylene	0.00081	U	0.00081	0.00034	mg/Kg	☼	10/10/25 10:25	10/10/25 17:47	1
n-Butylbenzene	0.00081	U	0.00081	0.00024	mg/Kg	☼	10/10/25 10:25	10/10/25 17:47	1
N-Propylbenzene	0.00081	U	0.00081	0.00037	mg/Kg	☼	10/10/25 10:25	10/10/25 17:47	1
o-Xylene	0.00081	U	0.00081	0.00037	mg/Kg	☼	10/10/25 10:25	10/10/25 17:47	1
sec-Butylbenzene	0.00081	U	0.00081	0.00023	mg/Kg	☼	10/10/25 10:25	10/10/25 17:47	1
Styrene	0.00081	U	0.00081	0.00023	mg/Kg	☼	10/10/25 10:25	10/10/25 17:47	1
tert-Butylbenzene	0.00081	U	0.00081	0.00022	mg/Kg	☼	10/10/25 10:25	10/10/25 17:47	1
Tetrachloroethene	0.00081	U	0.00081	0.00025	mg/Kg	☼	10/10/25 10:25	10/10/25 17:47	1
Toluene	0.00081	U	0.00081	0.00019	mg/Kg	☼	10/10/25 10:25	10/10/25 17:47	1
trans-1,2-Dichloroethene	0.00081	U	0.00081	0.00020	mg/Kg	☼	10/10/25 10:25	10/10/25 17:47	1
trans-1,3-Dichloropropene	0.00081	U	0.00081	0.00022	mg/Kg	☼	10/10/25 10:25	10/10/25 17:47	1
Trichloroethene	0.00081	U	0.00081	0.00026	mg/Kg	☼	10/10/25 10:25	10/10/25 17:47	1
Trichlorofluoromethane	0.00081	U	0.00081	0.00033	mg/Kg	☼	10/10/25 10:25	10/10/25 17:47	1
Vinyl chloride	0.00081	U	0.00081	0.00044	mg/Kg	☼	10/10/25 10:25	10/10/25 17:47	1
Xylenes, Total	0.0016	U	0.0016	0.00014	mg/Kg	☼	10/10/25 10:25	10/10/25 17:47	1

Client Sample ID: 44B1_7-8

Lab Sample ID: 460-336648-36

Date Collected: 10/07/25 10:15
Matrix: Solid
Date Received: 10/07/25 17:15
Percent Solids: 93.6

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,2-Dichloroethane-d4 (Surr)	*112*		*65 - 138*	*10/10/25 10:25*	*10/10/25 17:47*	*1*
4-Bromofluorobenzene	*100*		*71 - 128*	*10/10/25 10:25*	*10/10/25 17:47*	*1*
Dibromofluoromethane (Surr)	*122*		*50 - 150*	*10/10/25 10:25*	*10/10/25 17:47*	*1*
Toluene-d8 (Surr)	*94*		*71 - 126*	*10/10/25 10:25*	*10/10/25 17:47*	*1*

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Percent Moisture (EPA Moisture)	**6.4**		1.0	1.0	%			10/12/25 15:03	1
Percent Solids (EPA Moisture)	**93.6**		1.0	1.0	%			10/12/25 15:03	1

Client Sample ID: 44C1_1-2

Lab Sample ID: 460-336648-37

Date Collected: 10/07/25 10:20
Matrix: Solid
Date Received: 10/07/25 17:15
Percent Solids: 96.5

Method: SW846 8260D - Volatile Organic Compounds by GC/MS

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1-Trichloroethane	0.00094	U	0.00094	0.00022	mg/Kg	☼	10/10/25 10:25	10/10/25 18:10	1
1,1,2,2-Tetrachloroethane	0.00094	U	0.00094	0.00049	mg/Kg	☼	10/10/25 10:25	10/10/25 18:10	1
1,1,2-Trichloro-1,2,2-trifluoroethane	0.00094	U	0.00094	0.00028	mg/Kg	☼	10/10/25 10:25	10/10/25 18:10	1
1,1,2-Trichloroethane	0.00094	U	0.00094	0.00056	mg/Kg	☼	10/10/25 10:25	10/10/25 18:10	1
1,1-Dichloroethane	0.00094	U	0.00094	0.00056	mg/Kg	☼	10/10/25 10:25	10/10/25 18:10	1
1,1-Dichloroethene	0.00094	U	0.00094	0.00021	mg/Kg	☼	10/10/25 10:25	10/10/25 18:10	1
1,2,3-Trichlorobenzene	0.00094	U	0.00094	0.00069	mg/Kg	☼	10/10/25 10:25	10/10/25 18:10	1
1,2,4-Trichlorobenzene	0.00094	U	0.00094	0.00034	mg/Kg	☼	10/10/25 10:25	10/10/25 18:10	1
1,2,4-Trimethylbenzene	0.00094	U	0.00094	0.00023	mg/Kg	☼	10/10/25 10:25	10/10/25 18:10	1
1,2-Dibromo-3-Chloropropane	0.00094	U	0.00094	0.00043	mg/Kg	☼	10/10/25 10:25	10/10/25 18:10	1
1,2-Dichlorobenzene	0.00094	U	0.00094	0.00034	mg/Kg	☼	10/10/25 10:25	10/10/25 18:10	1
1,2-Dichloroethane	0.00094	U	0.00094	0.00028	mg/Kg	☼	10/10/25 10:25	10/10/25 18:10	1
1,2-Dichloropropane	0.00094	U	0.00094	0.00040	mg/Kg	☼	10/10/25 10:25	10/10/25 18:10	1
1,3,5-Trimethylbenzene	0.00094	U	0.00094	0.00029	mg/Kg	☼	10/10/25 10:25	10/10/25 18:10	1
1,3-Dichlorobenzene	0.00094	U	0.00094	0.00034	mg/Kg	☼	10/10/25 10:25	10/10/25 18:10	1
1,4-Dichlorobenzene	0.00094	U	0.00094	0.00049	mg/Kg	☼	10/10/25 10:25	10/10/25 18:10	1
2-Butanone (MEK)	0.0047	U	0.0047	0.00035	mg/Kg	☼	10/10/25 10:25	10/10/25 18:10	1
2-Hexanone	0.0047	U	0.0047	0.0016	mg/Kg	☼	10/10/25 10:25	10/10/25 18:10	1
4-Methyl-2-pentanone (MIBK)	0.0047	U *	0.0047	0.0015	mg/Kg	☼	10/10/25 10:25	10/10/25 18:10	1
Acetone	0.0056	U	0.0056	0.0054	mg/Kg	☼	10/10/25 10:25	10/10/25 18:10	1
Benzene	0.00094	U	0.00094	0.00053	mg/Kg	☼	10/10/25 10:25	10/10/25 18:10	1
Bromoform	0.00094	U	0.00094	0.00040	mg/Kg	☼	10/10/25 10:25	10/10/25 18:10	1
Bromomethane	0.0019	U	0.0019	0.00094	mg/Kg	☼	10/10/25 10:25	10/10/25 18:10	1
Carbon disulfide	0.00094	U	0.00094	0.00025	mg/Kg	☼	10/10/25 10:25	10/10/25 18:10	1
Carbon tetrachloride	0.00094	U	0.00094	0.00036	mg/Kg	☼	10/10/25 10:25	10/10/25 18:10	1
Chlorobenzene	0.00094	U	0.00094	0.00048	mg/Kg	☼	10/10/25 10:25	10/10/25 18:10	1
Chlorobromomethane	0.00094	U	0.00094	0.00056	mg/Kg	☼	10/10/25 10:25	10/10/25 18:10	1
Chlorodibromomethane	0.00094	U	0.00094	0.00050	mg/Kg	☼	10/10/25 10:25	10/10/25 18:10	1
Chloroethane	0.00094	U	0.00094	0.00049	mg/Kg	☼	10/10/25 10:25	10/10/25 18:10	1
Chloroform	0.00094	U	0.00094	0.00091	mg/Kg	☼	10/10/25 10:25	10/10/25 18:10	1
Chloromethane	0.00094	U	0.00094	0.00041	mg/Kg	☼	10/10/25 10:25	10/10/25 18:10	1
cis-1,2-Dichloroethene	0.00094	U	0.00094	0.00034	mg/Kg	☼	10/10/25 10:25	10/10/25 18:10	1
cis-1,3-Dichloropropene	0.00094	U	0.00094	0.00026	mg/Kg	☼	10/10/25 10:25	10/10/25 18:10	1
Cyclohexane	0.00094	U	0.00094	0.00021	mg/Kg	☼	10/10/25 10:25	10/10/25 18:10	1
Dichlorobromomethane	0.00094	U	0.00094	0.00024	mg/Kg	☼	10/10/25 10:25	10/10/25 18:10	1

Client Sample ID: 44C1_1-2

Lab Sample ID: 460-336648-37

Date Collected: 10/07/25 10:20
Matrix: Solid
Date Received: 10/07/25 17:15
Percent Solids: 96.5

Method: SW846 8260D - Volatile Organic Compounds by GC/MS (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Dichlorodifluoromethane	0.00094	U	0.00094	0.00032	mg/Kg	☼	10/10/25 10:25	10/10/25 18:10	1
Ethylbenzene	0.00094	U	0.00094	0.00044	mg/Kg	☼	10/10/25 10:25	10/10/25 18:10	1
Ethylene Dibromide	0.00094	U	0.00094	0.00047	mg/Kg	☼	10/10/25 10:25	10/10/25 18:10	1
Isopropylbenzene	0.00094	U	0.00094	0.00027	mg/Kg	☼	10/10/25 10:25	10/10/25 18:10	1
Methyl acetate	0.0047	U	0.0047	0.0040	mg/Kg	☼	10/10/25 10:25	10/10/25 18:10	1
Methyl tert-butyl ether	0.00094	U	0.00094	0.00048	mg/Kg	☼	10/10/25 10:25	10/10/25 18:10	1
Methylcyclohexane	0.00094	U	0.00094	0.00047	mg/Kg	☼	10/10/25 10:25	10/10/25 18:10	1
Methylene Chloride	**0.0020**		0.0019	0.0011	mg/Kg	☼	10/10/25 10:25	10/10/25 18:10	1
m-Xylene & p-Xylene	0.00094	U	0.00094	0.00040	mg/Kg	☼	10/10/25 10:25	10/10/25 18:10	1
n-Butylbenzene	0.00094	U	0.00094	0.00028	mg/Kg	☼	10/10/25 10:25	10/10/25 18:10	1
N-Propylbenzene	0.00094	U	0.00094	0.00042	mg/Kg	☼	10/10/25 10:25	10/10/25 18:10	1
o-Xylene	0.00094	U	0.00094	0.00043	mg/Kg	☼	10/10/25 10:25	10/10/25 18:10	1
sec-Butylbenzene	0.00094	U	0.00094	0.00027	mg/Kg	☼	10/10/25 10:25	10/10/25 18:10	1
Styrene	0.00094	U	0.00094	0.00026	mg/Kg	☼	10/10/25 10:25	10/10/25 18:10	1
tert-Butylbenzene	0.00094	U	0.00094	0.00026	mg/Kg	☼	10/10/25 10:25	10/10/25 18:10	1
Tetrachloroethene	0.00094	U	0.00094	0.00029	mg/Kg	☼	10/10/25 10:25	10/10/25 18:10	1
Toluene	0.00094	U	0.00094	0.00022	mg/Kg	☼	10/10/25 10:25	10/10/25 18:10	1
trans-1,2-Dichloroethene	0.00094	U	0.00094	0.00023	mg/Kg	☼	10/10/25 10:25	10/10/25 18:10	1
trans-1,3-Dichloropropene	0.00094	U	0.00094	0.00025	mg/Kg	☼	10/10/25 10:25	10/10/25 18:10	1
Trichloroethene	0.00094	U	0.00094	0.00030	mg/Kg	☼	10/10/25 10:25	10/10/25 18:10	1
Trichlorofluoromethane	0.00094	U	0.00094	0.00038	mg/Kg	☼	10/10/25 10:25	10/10/25 18:10	1
Vinyl chloride	0.00094	U	0.00094	0.00051	mg/Kg	☼	10/10/25 10:25	10/10/25 18:10	1
Xylenes, Total	0.0019	U	0.0019	0.00016	mg/Kg	☼	10/10/25 10:25	10/10/25 18:10	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,2-Dichloroethane-d4 (Surr)	*116*		*65 - 138*	*10/10/25 10:25*	*10/10/25 18:10*	*1*
4-Bromofluorobenzene	*100*		*71 - 128*	*10/10/25 10:25*	*10/10/25 18:10*	*1*
Dibromofluoromethane (Surr)	*124*		*50 - 150*	*10/10/25 10:25*	*10/10/25 18:10*	*1*
Toluene-d8 (Surr)	*93*		*71 - 126*	*10/10/25 10:25*	*10/10/25 18:10*	*1*

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Percent Moisture (EPA Moisture)	**3.5**		1.0	1.0	%			10/12/25 15:03	1
Percent Solids (EPA Moisture)	**96.5**		1.0	1.0	%			10/12/25 15:03	1

Client Sample ID: 44C2_2-3

Lab Sample ID: 460-336648-38

Date Collected: 10/07/25 10:25
Matrix: Solid
Date Received: 10/07/25 17:15
Percent Solids: 95.2

Method: SW846 8260D - Volatile Organic Compounds by GC/MS

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1-Trichloroethane	0.00089	U	0.00089	0.00021	mg/Kg	☼	10/10/25 10:26	10/10/25 21:14	1
1,1,2,2-Tetrachloroethane	0.00089	U	0.00089	0.00046	mg/Kg	☼	10/10/25 10:26	10/10/25 21:14	1
1,1,2-Trichloro-1,2,2-trifluoroethane	0.00089	U	0.00089	0.00027	mg/Kg	☼	10/10/25 10:26	10/10/25 21:14	1
1,1,2-Trichloroethane	0.00089	U	0.00089	0.00053	mg/Kg	☼	10/10/25 10:26	10/10/25 21:14	1
1,1-Dichloroethane	0.00089	U	0.00089	0.00053	mg/Kg	☼	10/10/25 10:26	10/10/25 21:14	1
1,1-Dichloroethene	0.00089	U	0.00089	0.00020	mg/Kg	☼	10/10/25 10:26	10/10/25 21:14	1
1,2,3-Trichlorobenzene	0.00089	U	0.00089	0.00066	mg/Kg	☼	10/10/25 10:26	10/10/25 21:14	1
1,2,4-Trichlorobenzene	0.00089	U	0.00089	0.00032	mg/Kg	☼	10/10/25 10:26	10/10/25 21:14	1
1,2,4-Trimethylbenzene	0.00089	U	0.00089	0.00022	mg/Kg	☼	10/10/25 10:26	10/10/25 21:14	1

Client Sample ID: 44C2_2-3
Date Collected: 10/07/25 10:25
Date Received: 10/07/25 17:15

Lab Sample ID: 460-336648-38
Matrix: Solid
Percent Solids: 95.2

Method: SW846 8260D - Volatile Organic Compounds by GC/MS (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,2-Dibromo-3-Chloropropane	0.00089	U	0.00089	0.00041	mg/Kg	☼	10/10/25 10:26	10/10/25 21:14	1
1,2-Dichlorobenzene	0.00089	U	0.00089	0.00032	mg/Kg	☼	10/10/25 10:26	10/10/25 21:14	1
1,2-Dichloroethane	0.00089	U	0.00089	0.00026	mg/Kg	☼	10/10/25 10:26	10/10/25 21:14	1
1,2-Dichloropropane	0.00089	U	0.00089	0.00038	mg/Kg	☼	10/10/25 10:26	10/10/25 21:14	1
1,3,5-Trimethylbenzene	0.00089	U	0.00089	0.00028	mg/Kg	☼	10/10/25 10:26	10/10/25 21:14	1
1,3-Dichlorobenzene	0.00089	U	0.00089	0.00032	mg/Kg	☼	10/10/25 10:26	10/10/25 21:14	1
1,4-Dichlorobenzene	0.00089	U	0.00089	0.00046	mg/Kg	☼	10/10/25 10:26	10/10/25 21:14	1
2-Butanone (MEK)	0.0044	U	0.0044	0.00033	mg/Kg	☼	10/10/25 10:26	10/10/25 21:14	1
2-Hexanone	0.0044	U *	0.0044	0.0015	mg/Kg	☼	10/10/25 10:26	10/10/25 21:14	1
4-Methyl-2-pentanone (MIBK)	0.0044	U *	0.0044	0.0014	mg/Kg	☼	10/10/25 10:26	10/10/25 21:14	1
Acetone	0.0053	U	0.0053	0.0051	mg/Kg	☼	10/10/25 10:26	10/10/25 21:14	1
Benzene	0.00089	U	0.00089	0.00050	mg/Kg	☼	10/10/25 10:26	10/10/25 21:14	1
Bromoform	0.00089	U	0.00089	0.00038	mg/Kg	☼	10/10/25 10:26	10/10/25 21:14	1
Bromomethane	0.0018	U	0.0018	0.00089	mg/Kg	☼	10/10/25 10:26	10/10/25 21:14	1
Carbon disulfide	0.00089	U	0.00089	0.00024	mg/Kg	☼	10/10/25 10:26	10/10/25 21:14	1
Carbon tetrachloride	0.00089	U	0.00089	0.00034	mg/Kg	☼	10/10/25 10:26	10/10/25 21:14	1
Chlorobenzene	0.00089	U	0.00089	0.00045	mg/Kg	☼	10/10/25 10:26	10/10/25 21:14	1
Chlorobromomethane	0.00089	U	0.00089	0.00053	mg/Kg	☼	10/10/25 10:26	10/10/25 21:14	1
Chlorodibromomethane	0.00089	U	0.00089	0.00048	mg/Kg	☼	10/10/25 10:26	10/10/25 21:14	1
Chloroethane	0.00089	U	0.00089	0.00046	mg/Kg	☼	10/10/25 10:26	10/10/25 21:14	1
Chloroform	0.00089	U	0.00089	0.00086	mg/Kg	☼	10/10/25 10:26	10/10/25 21:14	1
Chloromethane	0.00089	U	0.00089	0.00039	mg/Kg	☼	10/10/25 10:26	10/10/25 21:14	1
cis-1,2-Dichloroethene	0.00089	U	0.00089	0.00032	mg/Kg	☼	10/10/25 10:26	10/10/25 21:14	1
cis-1,3-Dichloropropene	0.00089	U	0.00089	0.00024	mg/Kg	☼	10/10/25 10:26	10/10/25 21:14	1
Cyclohexane	0.00089	U	0.00089	0.00020	mg/Kg	☼	10/10/25 10:26	10/10/25 21:14	1
Dichlorobromomethane	0.00089	U	0.00089	0.00023	mg/Kg	☼	10/10/25 10:26	10/10/25 21:14	1
Dichlorodifluoromethane	0.00089	U *	0.00089	0.00030	mg/Kg	☼	10/10/25 10:26	10/10/25 21:14	1
Ethylbenzene	0.00089	U	0.00089	0.00042	mg/Kg	☼	10/10/25 10:26	10/10/25 21:14	1
Ethylene Dibromide	0.00089	U	0.00089	0.00045	mg/Kg	☼	10/10/25 10:26	10/10/25 21:14	1
Isopropylbenzene	0.00089	U	0.00089	0.00025	mg/Kg	☼	10/10/25 10:26	10/10/25 21:14	1
Methyl acetate	0.0044	U	0.0044	0.0038	mg/Kg	☼	10/10/25 10:26	10/10/25 21:14	1
Methyl tert-butyl ether	0.00089	U	0.00089	0.00045	mg/Kg	☼	10/10/25 10:26	10/10/25 21:14	1
Methylcyclohexane	0.00089	U	0.00089	0.00044	mg/Kg	☼	10/10/25 10:26	10/10/25 21:14	1
Methylene Chloride	**0.0011**	**J**	0.0018	0.0010	mg/Kg	☼	10/10/25 10:26	10/10/25 21:14	1
m-Xylene & p-Xylene	0.00089	U	0.00089	0.00038	mg/Kg	☼	10/10/25 10:26	10/10/25 21:14	1
n-Butylbenzene	0.00089	U	0.00089	0.00026	mg/Kg	☼	10/10/25 10:26	10/10/25 21:14	1
N-Propylbenzene	0.00089	U	0.00089	0.00040	mg/Kg	☼	10/10/25 10:26	10/10/25 21:14	1
o-Xylene	0.00089	U	0.00089	0.00041	mg/Kg	☼	10/10/25 10:26	10/10/25 21:14	1
sec-Butylbenzene	0.00089	U	0.00089	0.00026	mg/Kg	☼	10/10/25 10:26	10/10/25 21:14	1
Styrene	0.00089	U	0.00089	0.00025	mg/Kg	☼	10/10/25 10:26	10/10/25 21:14	1
tert-Butylbenzene	0.00089	U	0.00089	0.00024	mg/Kg	☼	10/10/25 10:26	10/10/25 21:14	1
Tetrachloroethene	0.00089	U	0.00089	0.00027	mg/Kg	☼	10/10/25 10:26	10/10/25 21:14	1
Toluene	0.00089	U	0.00089	0.00021	mg/Kg	☼	10/10/25 10:26	10/10/25 21:14	1
trans-1,2-Dichloroethene	0.00089	U	0.00089	0.00022	mg/Kg	☼	10/10/25 10:26	10/10/25 21:14	1
trans-1,3-Dichloropropene	0.00089	U	0.00089	0.00024	mg/Kg	☼	10/10/25 10:26	10/10/25 21:14	1
Trichloroethene	0.00089	U	0.00089	0.00028	mg/Kg	☼	10/10/25 10:26	10/10/25 21:14	1
Trichlorofluoromethane	0.00089	U	0.00089	0.00036	mg/Kg	☼	10/10/25 10:26	10/10/25 21:14	1
Vinyl chloride	0.00089	U	0.00089	0.00048	mg/Kg	☼	10/10/25 10:26	10/10/25 21:14	1
Xylenes, Total	0.0018	U	0.0018	0.00015	mg/Kg	☼	10/10/25 10:26	10/10/25 21:14	1

Client Sample ID: 44C2_2-3

Lab Sample ID: 460-336648-38

Date Collected: 10/07/25 10:25
Matrix: Solid
Date Received: 10/07/25 17:15
Percent Solids: 95.2

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,2-Dichloroethane-d4 (Surr)	*115*		*65 - 138*	*10/10/25 10:26*	*10/10/25 21:14*	*1*
4-Bromofluorobenzene	*101*		*71 - 128*	*10/10/25 10:26*	*10/10/25 21:14*	*1*
Dibromofluoromethane (Surr)	*126*		*50 - 150*	*10/10/25 10:26*	*10/10/25 21:14*	*1*
Toluene-d8 (Surr)	*94*		*71 - 126*	*10/10/25 10:26*	*10/10/25 21:14*	*1*

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Percent Moisture (EPA Moisture)	**4.8**		1.0	1.0	%			10/12/25 15:03	1
Percent Solids (EPA Moisture)	**95.2**		1.0	1.0	%			10/12/25 15:03	1

Client Sample ID: 44C3_3-4

Lab Sample ID: 460-336648-39

Date Collected: 10/07/25 10:30
Matrix: Solid
Date Received: 10/07/25 17:15
Percent Solids: 96.3

Method: SW846 8260D - Volatile Organic Compounds by GC/MS

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1-Trichloroethane	0.0014	U	0.0014	0.00032	mg/Kg	☼	10/10/25 10:26	10/10/25 21:38	1
1,1,2,2-Tetrachloroethane	0.0014	U	0.0014	0.00072	mg/Kg	☼	10/10/25 10:26	10/10/25 21:38	1
1,1,2-Trichloro-1,2,2-trifluoroethane	0.0014	U	0.0014	0.00042	mg/Kg	☼	10/10/25 10:26	10/10/25 21:38	1
1,1,2-Trichloroethane	0.0014	U	0.0014	0.00083	mg/Kg	☼	10/10/25 10:26	10/10/25 21:38	1
1,1-Dichloroethane	0.0014	U	0.0014	0.00083	mg/Kg	☼	10/10/25 10:26	10/10/25 21:38	1
1,1-Dichloroethene	0.0014	U	0.0014	0.00031	mg/Kg	☼	10/10/25 10:26	10/10/25 21:38	1
1,2,3-Trichlorobenzene	0.0014	U	0.0014	0.0010	mg/Kg	☼	10/10/25 10:26	10/10/25 21:38	1
1,2,4-Trichlorobenzene	0.0014	U	0.0014	0.00050	mg/Kg	☼	10/10/25 10:26	10/10/25 21:38	1
1,2,4-Trimethylbenzene	0.0014	U	0.0014	0.00034	mg/Kg	☼	10/10/25 10:26	10/10/25 21:38	1
1,2-Dibromo-3-Chloropropane	0.0014	U	0.0014	0.00064	mg/Kg	☼	10/10/25 10:26	10/10/25 21:38	1
1,2-Dichlorobenzene	0.0014	U	0.0014	0.00050	mg/Kg	☼	10/10/25 10:26	10/10/25 21:38	1
1,2-Dichloroethane	0.0014	U	0.0014	0.00041	mg/Kg	☼	10/10/25 10:26	10/10/25 21:38	1
1,2-Dichloropropane	0.0014	U	0.0014	0.00059	mg/Kg	☼	10/10/25 10:26	10/10/25 21:38	1
1,3,5-Trimethylbenzene	0.0014	U	0.0014	0.00043	mg/Kg	☼	10/10/25 10:26	10/10/25 21:38	1
1,3-Dichlorobenzene	0.0014	U	0.0014	0.00050	mg/Kg	☼	10/10/25 10:26	10/10/25 21:38	1
1,4-Dichlorobenzene	0.0014	U	0.0014	0.00072	mg/Kg	☼	10/10/25 10:26	10/10/25 21:38	1
2-Butanone (MEK)	0.0069	U	0.0069	0.00051	mg/Kg	☼	10/10/25 10:26	10/10/25 21:38	1
2-Hexanone	0.0069	U *	0.0069	0.0024	mg/Kg	☼	10/10/25 10:26	10/10/25 21:38	1
4-Methyl-2-pentanone (MIBK)	0.0069	U *	0.0069	0.0022	mg/Kg	☼	10/10/25 10:26	10/10/25 21:38	1
Acetone	0.0083	U	0.0083	0.0079	mg/Kg	☼	10/10/25 10:26	10/10/25 21:38	1
Benzene	0.0014	U	0.0014	0.00078	mg/Kg	☼	10/10/25 10:26	10/10/25 21:38	1
Bromoform	0.0014	U	0.0014	0.00059	mg/Kg	☼	10/10/25 10:26	10/10/25 21:38	1
Bromomethane	0.0028	U	0.0028	0.0014	mg/Kg	☼	10/10/25 10:26	10/10/25 21:38	1
Carbon disulfide	0.0014	U	0.0014	0.00037	mg/Kg	☼	10/10/25 10:26	10/10/25 21:38	1
Carbon tetrachloride	0.0014	U	0.0014	0.00054	mg/Kg	☼	10/10/25 10:26	10/10/25 21:38	1
Chlorobenzene	0.0014	U	0.0014	0.00070	mg/Kg	☼	10/10/25 10:26	10/10/25 21:38	1
Chlorobromomethane	0.0014	U	0.0014	0.00082	mg/Kg	☼	10/10/25 10:26	10/10/25 21:38	1
Chlorodibromomethane	0.0014	U	0.0014	0.00074	mg/Kg	☼	10/10/25 10:26	10/10/25 21:38	1
Chloroethane	0.0014	U	0.0014	0.00072	mg/Kg	☼	10/10/25 10:26	10/10/25 21:38	1
Chloroform	0.0014	U	0.0014	0.0013	mg/Kg	☼	10/10/25 10:26	10/10/25 21:38	1
Chloromethane	0.0014	U	0.0014	0.00060	mg/Kg	☼	10/10/25 10:26	10/10/25 21:38	1
cis-1,2-Dichloroethene	0.0014	U	0.0014	0.00050	mg/Kg	☼	10/10/25 10:26	10/10/25 21:38	1
cis-1,3-Dichloropropene	0.0014	U	0.0014	0.00038	mg/Kg	☼	10/10/25 10:26	10/10/25 21:38	1
Cyclohexane	0.0014	U	0.0014	0.00031	mg/Kg	☼	10/10/25 10:26	10/10/25 21:38	1
Dichlorobromomethane	0.0014	U	0.0014	0.00036	mg/Kg	☼	10/10/25 10:26	10/10/25 21:38	1

Client Sample ID: 44C3_3-4

Lab Sample ID: 460-336648-39

Date Collected: 10/07/25 10:30
Matrix: Solid
Date Received: 10/07/25 17:15
Percent Solids: 96.3

Method: SW846 8260D - Volatile Organic Compounds by GC/MS (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Dichlorodifluoromethane	0.0014	U *	0.0014	0.00047	mg/Kg	☼	10/10/25 10:26	10/10/25 21:38	1
Ethylbenzene	0.0014	U	0.0014	0.00065	mg/Kg	☼	10/10/25 10:26	10/10/25 21:38	1
Ethylene Dibromide	0.0014	U	0.0014	0.00070	mg/Kg	☼	10/10/25 10:26	10/10/25 21:38	1
Isopropylbenzene	0.0014	U	0.0014	0.00039	mg/Kg	☼	10/10/25 10:26	10/10/25 21:38	1
Methyl acetate	0.0069	U	0.0069	0.0059	mg/Kg	☼	10/10/25 10:26	10/10/25 21:38	1
Methyl tert-butyl ether	0.0014	U	0.0014	0.00071	mg/Kg	☼	10/10/25 10:26	10/10/25 21:38	1
Methylcyclohexane	0.0014	U	0.0014	0.00069	mg/Kg	☼	10/10/25 10:26	10/10/25 21:38	1
Methylene Chloride	0.0028	U	0.0028	0.0016	mg/Kg	☼	10/10/25 10:26	10/10/25 21:38	1
m-Xylene & p-Xylene	0.0014	U	0.0014	0.00059	mg/Kg	☼	10/10/25 10:26	10/10/25 21:38	1
n-Butylbenzene	0.0014	U	0.0014	0.00041	mg/Kg	☼	10/10/25 10:26	10/10/25 21:38	1
N-Propylbenzene	0.0014	U	0.0014	0.00062	mg/Kg	☼	10/10/25 10:26	10/10/25 21:38	1
o-Xylene	0.0014	U	0.0014	0.00064	mg/Kg	☼	10/10/25 10:26	10/10/25 21:38	1
sec-Butylbenzene	0.0014	U	0.0014	0.00040	mg/Kg	☼	10/10/25 10:26	10/10/25 21:38	1
Styrene	0.0014	U	0.0014	0.00038	mg/Kg	☼	10/10/25 10:26	10/10/25 21:38	1
tert-Butylbenzene	0.0014	U	0.0014	0.00038	mg/Kg	☼	10/10/25 10:26	10/10/25 21:38	1
Tetrachloroethene	0.0014	U	0.0014	0.00042	mg/Kg	☼	10/10/25 10:26	10/10/25 21:38	1
Toluene	0.0014	U	0.0014	0.00032	mg/Kg	☼	10/10/25 10:26	10/10/25 21:38	1
trans-1,2-Dichloroethene	0.0014	U	0.0014	0.00034	mg/Kg	☼	10/10/25 10:26	10/10/25 21:38	1
trans-1,3-Dichloropropene	0.0014	U	0.0014	0.00037	mg/Kg	☼	10/10/25 10:26	10/10/25 21:38	1
Trichloroethene	0.0014	U	0.0014	0.00044	mg/Kg	☼	10/10/25 10:26	10/10/25 21:38	1
Trichlorofluoromethane	0.0014	U	0.0014	0.00056	mg/Kg	☼	10/10/25 10:26	10/10/25 21:38	1
Vinyl chloride	0.0014	U	0.0014	0.00076	mg/Kg	☼	10/10/25 10:26	10/10/25 21:38	1
Xylenes, Total	0.0028	U	0.0028	0.00024	mg/Kg	☼	10/10/25 10:26	10/10/25 21:38	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,2-Dichloroethane-d4 (Surr)	*112*		*65 - 138*	*10/10/25 10:26*	*10/10/25 21:38*	*1*
4-Bromofluorobenzene	*101*		*71 - 128*	*10/10/25 10:26*	*10/10/25 21:38*	*1*
Dibromofluoromethane (Surr)	*118*		*50 - 150*	*10/10/25 10:26*	*10/10/25 21:38*	*1*
Toluene-d8 (Surr)	*94*		*71 - 126*	*10/10/25 10:26*	*10/10/25 21:38*	*1*

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Percent Moisture (EPA Moisture)	**3.7**		1.0	1.0	%			10/12/25 15:03	1
Percent Solids (EPA Moisture)	**96.3**		1.0	1.0	%			10/12/25 15:03	1

Client Sample ID: 44C1_4-5

Lab Sample ID: 460-336648-40

Date Collected: 10/07/25 10:35
Matrix: Solid
Date Received: 10/07/25 17:15
Percent Solids: 98.0

Method: SW846 8260D - Volatile Organic Compounds by GC/MS

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1-Trichloroethane	0.0013	U	0.0013	0.00030	mg/Kg	☼	10/10/25 10:26	10/10/25 22:02	1
1,1,2,2-Tetrachloroethane	0.0013	U	0.0013	0.00067	mg/Kg	☼	10/10/25 10:26	10/10/25 22:02	1
1,1,2-Trichloro-1,2,2-trifluoroethane	0.0013	U	0.0013	0.00038	mg/Kg	☼	10/10/25 10:26	10/10/25 22:02	1
1,1,2-Trichloroethane	0.0013	U	0.0013	0.00077	mg/Kg	☼	10/10/25 10:26	10/10/25 22:02	1
1,1-Dichloroethane	0.0013	U	0.0013	0.00076	mg/Kg	☼	10/10/25 10:26	10/10/25 22:02	1
1,1-Dichloroethene	0.0013	U	0.0013	0.00029	mg/Kg	☼	10/10/25 10:26	10/10/25 22:02	1
1,2,3-Trichlorobenzene	0.0013	U	0.0013	0.00094	mg/Kg	☼	10/10/25 10:26	10/10/25 22:02	1
1,2,4-Trichlorobenzene	0.0013	U	0.0013	0.00046	mg/Kg	☼	10/10/25 10:26	10/10/25 22:02	1
1,2,4-Trimethylbenzene	0.0013	U	0.0013	0.00031	mg/Kg	☼	10/10/25 10:26	10/10/25 22:02	1

Client: Haley & Aldrich, Inc.
Project/Site: Former Port Mobil

Job ID: 460-336648-1

Client Sample ID: 44C1_4-5
Date Collected: 10/07/25 10:35
Date Received: 10/07/25 17:15

Lab Sample ID: 460-336648-40
Matrix: Solid
Percent Solids: 98.0

Method: SW846 8260D - Volatile Organic Compounds by GC/MS (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,2-Dibromo-3-Chloropropane	0.0013	U	0.0013	0.00059	mg/Kg	☼	10/10/25 10:26	10/10/25 22:02	1
1,2-Dichlorobenzene	0.0013	U	0.0013	0.00046	mg/Kg	☼	10/10/25 10:26	10/10/25 22:02	1
1,2-Dichloroethane	0.0013	U	0.0013	0.00038	mg/Kg	☼	10/10/25 10:26	10/10/25 22:02	1
1,2-Dichloropropane	0.0013	U	0.0013	0.00054	mg/Kg	☼	10/10/25 10:26	10/10/25 22:02	1
1,3,5-Trimethylbenzene	0.0013	U	0.0013	0.00040	mg/Kg	☼	10/10/25 10:26	10/10/25 22:02	1
1,3-Dichlorobenzene	0.0013	U	0.0013	0.00047	mg/Kg	☼	10/10/25 10:26	10/10/25 22:02	1
1,4-Dichlorobenzene	0.0013	U	0.0013	0.00066	mg/Kg	☼	10/10/25 10:26	10/10/25 22:02	1
2-Butanone (MEK)	0.0064	U	0.0064	0.00047	mg/Kg	☼	10/10/25 10:26	10/10/25 22:02	1
2-Hexanone	0.0064	U *	0.0064	0.0022	mg/Kg	☼	10/10/25 10:26	10/10/25 22:02	1
4-Methyl-2-pentanone (MIBK)	0.0064	U *	0.0064	0.0020	mg/Kg	☼	10/10/25 10:26	10/10/25 22:02	1
Acetone	0.0077	U	0.0077	0.0073	mg/Kg	☼	10/10/25 10:26	10/10/25 22:02	1
Benzene	0.0013	U	0.0013	0.00072	mg/Kg	☼	10/10/25 10:26	10/10/25 22:02	1
Bromoform	0.0013	U	0.0013	0.00054	mg/Kg	☼	10/10/25 10:26	10/10/25 22:02	1
Bromomethane	0.0026	U	0.0026	0.0013	mg/Kg	☼	10/10/25 10:26	10/10/25 22:02	1
Carbon disulfide	0.0013	U	0.0013	0.00034	mg/Kg	☼	10/10/25 10:26	10/10/25 22:02	1
Carbon tetrachloride	0.0013	U	0.0013	0.00049	mg/Kg	☼	10/10/25 10:26	10/10/25 22:02	1
Chlorobenzene	0.0013	U	0.0013	0.00065	mg/Kg	☼	10/10/25 10:26	10/10/25 22:02	1
Chlorobromomethane	0.0013	U	0.0013	0.00076	mg/Kg	☼	10/10/25 10:26	10/10/25 22:02	1
Chlorodibromomethane	0.0013	U	0.0013	0.00069	mg/Kg	☼	10/10/25 10:26	10/10/25 22:02	1
Chloroethane	0.0013	U	0.0013	0.00067	mg/Kg	☼	10/10/25 10:26	10/10/25 22:02	1
Chloroform	0.0013	U	0.0013	0.0012	mg/Kg	☼	10/10/25 10:26	10/10/25 22:02	1
Chloromethane	0.0013	U	0.0013	0.00056	mg/Kg	☼	10/10/25 10:26	10/10/25 22:02	1
cis-1,2-Dichloroethene	0.0013	U	0.0013	0.00046	mg/Kg	☼	10/10/25 10:26	10/10/25 22:02	1
cis-1,3-Dichloropropene	0.0013	U	0.0013	0.00035	mg/Kg	☼	10/10/25 10:26	10/10/25 22:02	1
Cyclohexane	0.0013	U	0.0013	0.00028	mg/Kg	☼	10/10/25 10:26	10/10/25 22:02	1
Dichlorobromomethane	0.0013	U	0.0013	0.00033	mg/Kg	☼	10/10/25 10:26	10/10/25 22:02	1
Dichlorodifluoromethane	0.0013	U *	0.0013	0.00043	mg/Kg	☼	10/10/25 10:26	10/10/25 22:02	1
Ethylbenzene	0.0013	U	0.0013	0.00060	mg/Kg	☼	10/10/25 10:26	10/10/25 22:02	1
Ethylene Dibromide	0.0013	U	0.0013	0.00064	mg/Kg	☼	10/10/25 10:26	10/10/25 22:02	1
Isopropylbenzene	0.0013	U	0.0013	0.00036	mg/Kg	☼	10/10/25 10:26	10/10/25 22:02	1
Methyl acetate	0.0064	U	0.0064	0.0055	mg/Kg	☼	10/10/25 10:26	10/10/25 22:02	1
Methyl tert-butyl ether	0.0013	U	0.0013	0.00065	mg/Kg	☼	10/10/25 10:26	10/10/25 22:02	1
Methylcyclohexane	0.0013	U	0.0013	0.00064	mg/Kg	☼	10/10/25 10:26	10/10/25 22:02	1
Methylene Chloride	0.0026	U	0.0026	0.0015	mg/Kg	☼	10/10/25 10:26	10/10/25 22:02	1
m-Xylene & p-Xylene	0.0013	U	0.0013	0.00054	mg/Kg	☼	10/10/25 10:26	10/10/25 22:02	1
n-Butylbenzene	0.0013	U	0.0013	0.00038	mg/Kg	☼	10/10/25 10:26	10/10/25 22:02	1
N-Propylbenzene	0.0013	U	0.0013	0.00057	mg/Kg	☼	10/10/25 10:26	10/10/25 22:02	1
o-Xylene	0.0013	U	0.0013	0.00059	mg/Kg	☼	10/10/25 10:26	10/10/25 22:02	1
sec-Butylbenzene	0.0013	U	0.0013	0.00037	mg/Kg	☼	10/10/25 10:26	10/10/25 22:02	1
Styrene	0.0013	U	0.0013	0.00036	mg/Kg	☼	10/10/25 10:26	10/10/25 22:02	1
tert-Butylbenzene	0.0013	U	0.0013	0.00035	mg/Kg	☼	10/10/25 10:26	10/10/25 22:02	1
Tetrachloroethene	0.0013	U	0.0013	0.00039	mg/Kg	☼	10/10/25 10:26	10/10/25 22:02	1
Toluene	**0.00072**	**J**	0.0013	0.00030	mg/Kg	☼	10/10/25 10:26	10/10/25 22:02	1
trans-1,2-Dichloroethene	0.0013	U	0.0013	0.00031	mg/Kg	☼	10/10/25 10:26	10/10/25 22:02	1
trans-1,3-Dichloropropene	0.0013	U	0.0013	0.00034	mg/Kg	☼	10/10/25 10:26	10/10/25 22:02	1
Trichloroethene	0.0013	U	0.0013	0.00041	mg/Kg	☼	10/10/25 10:26	10/10/25 22:02	1
Trichlorofluoromethane	0.0013	U	0.0013	0.00052	mg/Kg	☼	10/10/25 10:26	10/10/25 22:02	1
Vinyl chloride	0.0013	U	0.0013	0.00070	mg/Kg	☼	10/10/25 10:26	10/10/25 22:02	1
Xylenes, Total	0.0026	U	0.0026	0.00022	mg/Kg	☼	10/10/25 10:26	10/10/25 22:02	1

Client Sample ID: 44C1_4-5

Lab Sample ID: 460-336648-40

Date Collected: 10/07/25 10:35
Matrix: Solid
Date Received: 10/07/25 17:15
Percent Solids: 98.0

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,2-Dichloroethane-d4 (Surr)	*114*		*65 - 138*	*10/10/25 10:26*	*10/10/25 22:02*	*1*
4-Bromofluorobenzene	*100*		*71 - 128*	*10/10/25 10:26*	*10/10/25 22:02*	*1*
Dibromofluoromethane (Surr)	*122*		*50 - 150*	*10/10/25 10:26*	*10/10/25 22:02*	*1*
Toluene-d8 (Surr)	*94*		*71 - 126*	*10/10/25 10:26*	*10/10/25 22:02*	*1*

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Percent Moisture (EPA Moisture)	**2.0**		1.0	1.0	%			10/12/25 15:03	1
Percent Solids (EPA Moisture)	**98.0**		1.0	1.0	%			10/12/25 15:03	1

Client Sample ID: 44C2_5-6

Lab Sample ID: 460-336648-41

Date Collected: 10/07/25 10:40
Matrix: Solid
Date Received: 10/07/25 17:15
Percent Solids: 96.2

Method: SW846 8260D - Volatile Organic Compounds by GC/MS

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1-Trichloroethane	0.00085	U	0.00085	0.00020	mg/Kg	☼	10/10/25 10:27	10/10/25 22:24	1
1,1,2,2-Tetrachloroethane	0.00085	U	0.00085	0.00045	mg/Kg	☼	10/10/25 10:27	10/10/25 22:24	1
1,1,2-Trichloro-1,2,2-trifluoroethane	0.00085	U	0.00085	0.00026	mg/Kg	☼	10/10/25 10:27	10/10/25 22:24	1
1,1,2-Trichloroethane	0.00085	U	0.00085	0.00051	mg/Kg	☼	10/10/25 10:27	10/10/25 22:24	1
1,1-Dichloroethane	0.00085	U	0.00085	0.00051	mg/Kg	☼	10/10/25 10:27	10/10/25 22:24	1
1,1-Dichloroethene	0.00085	U	0.00085	0.00019	mg/Kg	☼	10/10/25 10:27	10/10/25 22:24	1
1,2,3-Trichlorobenzene	0.00085	U	0.00085	0.00063	mg/Kg	☼	10/10/25 10:27	10/10/25 22:24	1
1,2,4-Trichlorobenzene	0.00085	U	0.00085	0.00031	mg/Kg	☼	10/10/25 10:27	10/10/25 22:24	1
1,2,4-Trimethylbenzene	0.00085	U	0.00085	0.00021	mg/Kg	☼	10/10/25 10:27	10/10/25 22:24	1
1,2-Dibromo-3-Chloropropane	0.00085	U	0.00085	0.00039	mg/Kg	☼	10/10/25 10:27	10/10/25 22:24	1
1,2-Dichlorobenzene	0.00085	U	0.00085	0.00031	mg/Kg	☼	10/10/25 10:27	10/10/25 22:24	1
1,2-Dichloroethane	0.00085	U	0.00085	0.00025	mg/Kg	☼	10/10/25 10:27	10/10/25 22:24	1
1,2-Dichloropropane	0.00085	U	0.00085	0.00036	mg/Kg	☼	10/10/25 10:27	10/10/25 22:24	1
1,3,5-Trimethylbenzene	0.00085	U	0.00085	0.00027	mg/Kg	☼	10/10/25 10:27	10/10/25 22:24	1
1,3-Dichlorobenzene	0.00085	U	0.00085	0.00031	mg/Kg	☼	10/10/25 10:27	10/10/25 22:24	1
1,4-Dichlorobenzene	0.00085	U	0.00085	0.00044	mg/Kg	☼	10/10/25 10:27	10/10/25 22:24	1
2-Butanone (MEK)	0.0043	U	0.0043	0.00031	mg/Kg	☼	10/10/25 10:27	10/10/25 22:24	1
2-Hexanone	0.0043	U *	0.0043	0.0015	mg/Kg	☼	10/10/25 10:27	10/10/25 22:24	1
4-Methyl-2-pentanone (MIBK)	0.0043	U *	0.0043	0.0013	mg/Kg	☼	10/10/25 10:27	10/10/25 22:24	1
Acetone	0.0051	U	0.0051	0.0049	mg/Kg	☼	10/10/25 10:27	10/10/25 22:24	1
Benzene	0.00085	U	0.00085	0.00048	mg/Kg	☼	10/10/25 10:27	10/10/25 22:24	1
Bromoform	0.00085	U	0.00085	0.00036	mg/Kg	☼	10/10/25 10:27	10/10/25 22:24	1
Bromomethane	0.0017	U	0.0017	0.00085	mg/Kg	☼	10/10/25 10:27	10/10/25 22:24	1
Carbon disulfide	0.00085	U	0.00085	0.00023	mg/Kg	☼	10/10/25 10:27	10/10/25 22:24	1
Carbon tetrachloride	0.00085	U	0.00085	0.00033	mg/Kg	☼	10/10/25 10:27	10/10/25 22:24	1
Chlorobenzene	0.00085	U	0.00085	0.00043	mg/Kg	☼	10/10/25 10:27	10/10/25 22:24	1
Chlorobromomethane	0.00085	U	0.00085	0.00051	mg/Kg	☼	10/10/25 10:27	10/10/25 22:24	1
Chlorodibromomethane	0.00085	U	0.00085	0.00046	mg/Kg	☼	10/10/25 10:27	10/10/25 22:24	1
Chloroethane	0.00085	U	0.00085	0.00045	mg/Kg	☼	10/10/25 10:27	10/10/25 22:24	1
Chloroform	0.00085	U	0.00085	0.00083	mg/Kg	☼	10/10/25 10:27	10/10/25 22:24	1
Chloromethane	0.00085	U	0.00085	0.00037	mg/Kg	☼	10/10/25 10:27	10/10/25 22:24	1
cis-1,2-Dichloroethene	0.00085	U	0.00085	0.00031	mg/Kg	☼	10/10/25 10:27	10/10/25 22:24	1
cis-1,3-Dichloropropene	0.00085	U	0.00085	0.00023	mg/Kg	☼	10/10/25 10:27	10/10/25 22:24	1
Cyclohexane	0.00085	U	0.00085	0.00019	mg/Kg	☼	10/10/25 10:27	10/10/25 22:24	1
Dichlorobromomethane	0.00085	U	0.00085	0.00022	mg/Kg	☼	10/10/25 10:27	10/10/25 22:24	1

Client Sample ID: 44C2_5-6

Lab Sample ID: 460-336648-41

Date Collected: 10/07/25 10:40
Matrix: Solid
Date Received: 10/07/25 17:15
Percent Solids: 96.2

Method: SW846 8260D - Volatile Organic Compounds by GC/MS (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Dichlorodifluoromethane	0.00085	U *	0.00085	0.00029	mg/Kg	☼	10/10/25 10:27	10/10/25 22:24	1
Ethylbenzene	0.00085	U	0.00085	0.00040	mg/Kg	☼	10/10/25 10:27	10/10/25 22:24	1
Ethylene Dibromide	0.00085	U	0.00085	0.00043	mg/Kg	☼	10/10/25 10:27	10/10/25 22:24	1
Isopropylbenzene	0.00085	U	0.00085	0.00024	mg/Kg	☼	10/10/25 10:27	10/10/25 22:24	1
Methyl acetate	0.0043	U	0.0043	0.0037	mg/Kg	☼	10/10/25 10:27	10/10/25 22:24	1
Methyl tert-butyl ether	0.00085	U	0.00085	0.00044	mg/Kg	☼	10/10/25 10:27	10/10/25 22:24	1
Methylcyclohexane	0.00085	U	0.00085	0.00043	mg/Kg	☼	10/10/25 10:27	10/10/25 22:24	1
Methylene Chloride	0.0017	U	0.0017	0.00098	mg/Kg	☼	10/10/25 10:27	10/10/25 22:24	1
m-Xylene & p-Xylene	0.00085	U	0.00085	0.00036	mg/Kg	☼	10/10/25 10:27	10/10/25 22:24	1
n-Butylbenzene	0.00085	U	0.00085	0.00025	mg/Kg	☼	10/10/25 10:27	10/10/25 22:24	1
N-Propylbenzene	0.00085	U	0.00085	0.00038	mg/Kg	☼	10/10/25 10:27	10/10/25 22:24	1
o-Xylene	0.00085	U	0.00085	0.00039	mg/Kg	☼	10/10/25 10:27	10/10/25 22:24	1
sec-Butylbenzene	0.00085	U	0.00085	0.00025	mg/Kg	☼	10/10/25 10:27	10/10/25 22:24	1
Styrene	0.00085	U	0.00085	0.00024	mg/Kg	☼	10/10/25 10:27	10/10/25 22:24	1
tert-Butylbenzene	0.00085	U	0.00085	0.00024	mg/Kg	☼	10/10/25 10:27	10/10/25 22:24	1
Tetrachloroethene	0.00085	U	0.00085	0.00026	mg/Kg	☼	10/10/25 10:27	10/10/25 22:24	1
Toluene	0.00085	U	0.00085	0.00020	mg/Kg	☼	10/10/25 10:27	10/10/25 22:24	1
trans-1,2-Dichloroethene	0.00085	U	0.00085	0.00021	mg/Kg	☼	10/10/25 10:27	10/10/25 22:24	1
trans-1,3-Dichloropropene	0.00085	U	0.00085	0.00023	mg/Kg	☼	10/10/25 10:27	10/10/25 22:24	1
Trichloroethene	0.00085	U	0.00085	0.00027	mg/Kg	☼	10/10/25 10:27	10/10/25 22:24	1
Trichlorofluoromethane	0.00085	U	0.00085	0.00035	mg/Kg	☼	10/10/25 10:27	10/10/25 22:24	1
Vinyl chloride	0.00085	U	0.00085	0.00047	mg/Kg	☼	10/10/25 10:27	10/10/25 22:24	1
Xylenes, Total	0.0017	U	0.0017	0.00015	mg/Kg	☼	10/10/25 10:27	10/10/25 22:24	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,2-Dichloroethane-d4 (Surr)	*112*		*65 - 138*	*10/10/25 10:27*	*10/10/25 22:24*	*1*
4-Bromofluorobenzene	*99*		*71 - 128*	*10/10/25 10:27*	*10/10/25 22:24*	*1*
Dibromofluoromethane (Surr)	*118*		*50 - 150*	*10/10/25 10:27*	*10/10/25 22:24*	*1*
Toluene-d8 (Surr)	*94*		*71 - 126*	*10/10/25 10:27*	*10/10/25 22:24*	*1*

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Percent Moisture (EPA Moisture)	**3.8**		1.0	1.0	%			10/12/25 15:03	1
Percent Solids (EPA Moisture)	**96.2**		1.0	1.0	%			10/12/25 15:03	1

Client Sample ID: 44C3_6-7

Lab Sample ID: 460-336648-42

Date Collected: 10/07/25 10:45
Matrix: Solid
Date Received: 10/07/25 17:15
Percent Solids: 98.6

Method: SW846 8260D - Volatile Organic Compounds by GC/MS

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1-Trichloroethane	0.00088	U	0.00088	0.00021	mg/Kg	☼	10/10/25 10:27	10/10/25 22:47	1
1,1,2,2-Tetrachloroethane	0.00088	U	0.00088	0.00046	mg/Kg	☼	10/10/25 10:27	10/10/25 22:47	1
1,1,2-Trichloro-1,2,2-trifluoroethane	0.00088	U	0.00088	0.00027	mg/Kg	☼	10/10/25 10:27	10/10/25 22:47	1
1,1,2-Trichloroethane	0.00088	U	0.00088	0.00053	mg/Kg	☼	10/10/25 10:27	10/10/25 22:47	1
1,1-Dichloroethane	0.00088	U	0.00088	0.00053	mg/Kg	☼	10/10/25 10:27	10/10/25 22:47	1
1,1-Dichloroethene	0.00088	U	0.00088	0.00020	mg/Kg	☼	10/10/25 10:27	10/10/25 22:47	1
1,2,3-Trichlorobenzene	0.00088	U	0.00088	0.00065	mg/Kg	☼	10/10/25 10:27	10/10/25 22:47	1
1,2,4-Trichlorobenzene	0.00088	U	0.00088	0.00032	mg/Kg	☼	10/10/25 10:27	10/10/25 22:47	1
1,2,4-Trimethylbenzene	0.00088	U	0.00088	0.00022	mg/Kg	☼	10/10/25 10:27	10/10/25 22:47	1

Client: Haley & Aldrich, Inc.
Project/Site: Former Port Mobil

Job ID: 460-336648-1

Client Sample ID: 44C3_6-7
Date Collected: 10/07/25 10:45
Date Received: 10/07/25 17:15

Lab Sample ID: 460-336648-42
Matrix: Solid
Percent Solids: 98.6

Method: SW846 8260D - Volatile Organic Compounds by GC/MS (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,2-Dibromo-3-Chloropropane	0.00088	U	0.00088	0.00041	mg/Kg	☼	10/10/25 10:27	10/10/25 22:47	1
1,2-Dichlorobenzene	0.00088	U	0.00088	0.00032	mg/Kg	☼	10/10/25 10:27	10/10/25 22:47	1
1,2-Dichloroethane	0.00088	U	0.00088	0.00026	mg/Kg	☼	10/10/25 10:27	10/10/25 22:47	1
1,2-Dichloropropane	0.00088	U	0.00088	0.00037	mg/Kg	☼	10/10/25 10:27	10/10/25 22:47	1
1,3,5-Trimethylbenzene	0.00088	U	0.00088	0.00028	mg/Kg	☼	10/10/25 10:27	10/10/25 22:47	1
1,3-Dichlorobenzene	0.00088	U	0.00088	0.00032	mg/Kg	☼	10/10/25 10:27	10/10/25 22:47	1
1,4-Dichlorobenzene	0.00088	U	0.00088	0.00046	mg/Kg	☼	10/10/25 10:27	10/10/25 22:47	1
2-Butanone (MEK)	0.0044	U	0.0044	0.00032	mg/Kg	☼	10/10/25 10:27	10/10/25 22:47	1
2-Hexanone	0.0044	U *	0.0044	0.0015	mg/Kg	☼	10/10/25 10:27	10/10/25 22:47	1
4-Methyl-2-pentanone (MIBK)	0.0044	U *	0.0044	0.0014	mg/Kg	☼	10/10/25 10:27	10/10/25 22:47	1
Acetone	0.0053	U	0.0053	0.0050	mg/Kg	☼	10/10/25 10:27	10/10/25 22:47	1
Benzene	0.00088	U	0.00088	0.00050	mg/Kg	☼	10/10/25 10:27	10/10/25 22:47	1
Bromoform	0.00088	U	0.00088	0.00037	mg/Kg	☼	10/10/25 10:27	10/10/25 22:47	1
Bromomethane	0.0018	U	0.0018	0.00088	mg/Kg	☼	10/10/25 10:27	10/10/25 22:47	1
Carbon disulfide	0.00088	U	0.00088	0.00023	mg/Kg	☼	10/10/25 10:27	10/10/25 22:47	1
Carbon tetrachloride	0.00088	U	0.00088	0.00034	mg/Kg	☼	10/10/25 10:27	10/10/25 22:47	1
Chlorobenzene	0.00088	U	0.00088	0.00045	mg/Kg	☼	10/10/25 10:27	10/10/25 22:47	1
Chlorobromomethane	0.00088	U	0.00088	0.00052	mg/Kg	☼	10/10/25 10:27	10/10/25 22:47	1
Chlorodibromomethane	0.00088	U	0.00088	0.00047	mg/Kg	☼	10/10/25 10:27	10/10/25 22:47	1
Chloroethane	0.00088	U	0.00088	0.00046	mg/Kg	☼	10/10/25 10:27	10/10/25 22:47	1
Chloroform	0.00088	U	0.00088	0.00086	mg/Kg	☼	10/10/25 10:27	10/10/25 22:47	1
Chloromethane	0.00088	U	0.00088	0.00038	mg/Kg	☼	10/10/25 10:27	10/10/25 22:47	1
cis-1,2-Dichloroethene	0.00088	U	0.00088	0.00032	mg/Kg	☼	10/10/25 10:27	10/10/25 22:47	1
cis-1,3-Dichloropropene	0.00088	U	0.00088	0.00024	mg/Kg	☼	10/10/25 10:27	10/10/25 22:47	1
Cyclohexane	0.00088	U	0.00088	0.00019	mg/Kg	☼	10/10/25 10:27	10/10/25 22:47	1
Dichlorobromomethane	0.00088	U	0.00088	0.00023	mg/Kg	☼	10/10/25 10:27	10/10/25 22:47	1
Dichlorodifluoromethane	0.00088	U *	0.00088	0.00030	mg/Kg	☼	10/10/25 10:27	10/10/25 22:47	1
Ethylbenzene	0.00088	U	0.00088	0.00041	mg/Kg	☼	10/10/25 10:27	10/10/25 22:47	1
Ethylene Dibromide	0.00088	U	0.00088	0.00044	mg/Kg	☼	10/10/25 10:27	10/10/25 22:47	1
Isopropylbenzene	0.00088	U	0.00088	0.00025	mg/Kg	☼	10/10/25 10:27	10/10/25 22:47	1
Methyl acetate	0.0044	U	0.0044	0.0038	mg/Kg	☼	10/10/25 10:27	10/10/25 22:47	1
Methyl tert-butyl ether	0.00088	U	0.00088	0.00045	mg/Kg	☼	10/10/25 10:27	10/10/25 22:47	1
Methylcyclohexane	0.00088	U	0.00088	0.00044	mg/Kg	☼	10/10/25 10:27	10/10/25 22:47	1
Methylene Chloride	0.0018	U	0.0018	0.0010	mg/Kg	☼	10/10/25 10:27	10/10/25 22:47	1
m-Xylene & p-Xylene	0.00088	U	0.00088	0.00037	mg/Kg	☼	10/10/25 10:27	10/10/25 22:47	1
n-Butylbenzene	0.00088	U	0.00088	0.00026	mg/Kg	☼	10/10/25 10:27	10/10/25 22:47	1
N-Propylbenzene	0.00088	U	0.00088	0.00040	mg/Kg	☼	10/10/25 10:27	10/10/25 22:47	1
o-Xylene	0.00088	U	0.00088	0.00041	mg/Kg	☼	10/10/25 10:27	10/10/25 22:47	1
sec-Butylbenzene	0.00088	U	0.00088	0.00025	mg/Kg	☼	10/10/25 10:27	10/10/25 22:47	1
Styrene	0.00088	U	0.00088	0.00024	mg/Kg	☼	10/10/25 10:27	10/10/25 22:47	1
tert-Butylbenzene	0.00088	U	0.00088	0.00024	mg/Kg	☼	10/10/25 10:27	10/10/25 22:47	1
Tetrachloroethene	0.00088	U	0.00088	0.00027	mg/Kg	☼	10/10/25 10:27	10/10/25 22:47	1
Toluene	0.00088	U	0.00088	0.00021	mg/Kg	☼	10/10/25 10:27	10/10/25 22:47	1
trans-1,2-Dichloroethene	0.00088	U	0.00088	0.00022	mg/Kg	☼	10/10/25 10:27	10/10/25 22:47	1
trans-1,3-Dichloropropene	0.00088	U	0.00088	0.00023	mg/Kg	☼	10/10/25 10:27	10/10/25 22:47	1
Trichloroethene	0.00088	U	0.00088	0.00028	mg/Kg	☼	10/10/25 10:27	10/10/25 22:47	1
Trichlorofluoromethane	0.00088	U	0.00088	0.00036	mg/Kg	☼	10/10/25 10:27	10/10/25 22:47	1
Vinyl chloride	0.00088	U	0.00088	0.00048	mg/Kg	☼	10/10/25 10:27	10/10/25 22:47	1
Xylenes, Total	0.0018	U	0.0018	0.00015	mg/Kg	☼	10/10/25 10:27	10/10/25 22:47	1

Client Sample ID: 44C3_6-7

Lab Sample ID: 460-336648-42

Date Collected: 10/07/25 10:45

Matrix: Solid

Date Received: 10/07/25 17:15

Percent Solids: 98.6

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,2-Dichloroethane-d4 (Surr)	*110*		*65 - 138*	*10/10/25 10:27*	*10/10/25 22:47*	*1*
4-Bromofluorobenzene	*100*		*71 - 128*	*10/10/25 10:27*	*10/10/25 22:47*	*1*
Dibromofluoromethane (Surr)	*120*		*50 - 150*	*10/10/25 10:27*	*10/10/25 22:47*	*1*
Toluene-d8 (Surr)	*93*		*71 - 126*	*10/10/25 10:27*	*10/10/25 22:47*	*1*

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Percent Moisture (EPA Moisture)	**1.4**		1.0	1.0	%			10/12/25 15:03	1
Percent Solids (EPA Moisture)	**98.6**		1.0	1.0	%			10/12/25 15:03	1

Client Sample ID: 44C1_7-8

Lab Sample ID: 460-336648-43

Date Collected: 10/07/25 10:50

Matrix: Solid

Date Received: 10/07/25 17:15

Percent Solids: 98.9

Method: SW846 8260D - Volatile Organic Compounds by GC/MS

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1-Trichloroethane	0.00085	U	0.00085	0.00020	mg/Kg	☼	10/10/25 10:27	10/10/25 23:10	1
1,1,2,2-Tetrachloroethane	0.00085	U	0.00085	0.00044	mg/Kg	☼	10/10/25 10:27	10/10/25 23:10	1
1,1,2-Trichloro-1,2,2-trifluoroethane	0.00085	U	0.00085	0.00025	mg/Kg	☼	10/10/25 10:27	10/10/25 23:10	1
1,1,2-Trichloroethane	0.00085	U	0.00085	0.00051	mg/Kg	☼	10/10/25 10:27	10/10/25 23:10	1
1,1-Dichloroethane	0.00085	U	0.00085	0.00051	mg/Kg	☼	10/10/25 10:27	10/10/25 23:10	1
1,1-Dichloroethene	0.00085	U	0.00085	0.00019	mg/Kg	☼	10/10/25 10:27	10/10/25 23:10	1
1,2,3-Trichlorobenzene	0.00085	U	0.00085	0.00062	mg/Kg	☼	10/10/25 10:27	10/10/25 23:10	1
1,2,4-Trichlorobenzene	0.00085	U	0.00085	0.00030	mg/Kg	☼	10/10/25 10:27	10/10/25 23:10	1
1,2,4-Trimethylbenzene	0.00085	U	0.00085	0.00021	mg/Kg	☼	10/10/25 10:27	10/10/25 23:10	1
1,2-Dibromo-3-Chloropropane	0.00085	U	0.00085	0.00039	mg/Kg	☼	10/10/25 10:27	10/10/25 23:10	1
1,2-Dichlorobenzene	0.00085	U	0.00085	0.00031	mg/Kg	☼	10/10/25 10:27	10/10/25 23:10	1
1,2-Dichloroethane	0.00085	U	0.00085	0.00025	mg/Kg	☼	10/10/25 10:27	10/10/25 23:10	1
1,2-Dichloropropane	0.00085	U	0.00085	0.00036	mg/Kg	☼	10/10/25 10:27	10/10/25 23:10	1
1,3,5-Trimethylbenzene	0.00085	U	0.00085	0.00027	mg/Kg	☼	10/10/25 10:27	10/10/25 23:10	1
1,3-Dichlorobenzene	0.00085	U	0.00085	0.00031	mg/Kg	☼	10/10/25 10:27	10/10/25 23:10	1
1,4-Dichlorobenzene	0.00085	U	0.00085	0.00044	mg/Kg	☼	10/10/25 10:27	10/10/25 23:10	1
2-Butanone (MEK)	0.0042	U	0.0042	0.00031	mg/Kg	☼	10/10/25 10:27	10/10/25 23:10	1
2-Hexanone	0.0042	U *	0.0042	0.0014	mg/Kg	☼	10/10/25 10:27	10/10/25 23:10	1
4-Methyl-2-pentanone (MIBK)	0.0042	U *	0.0042	0.0013	mg/Kg	☼	10/10/25 10:27	10/10/25 23:10	1
Acetone	0.0051	U	0.0051	0.0048	mg/Kg	☼	10/10/25 10:27	10/10/25 23:10	1
Benzene	0.00085	U	0.00085	0.00048	mg/Kg	☼	10/10/25 10:27	10/10/25 23:10	1
Bromoform	0.00085	U	0.00085	0.00036	mg/Kg	☼	10/10/25 10:27	10/10/25 23:10	1
Bromomethane	0.0017	U	0.0017	0.00085	mg/Kg	☼	10/10/25 10:27	10/10/25 23:10	1
Carbon disulfide	0.00085	U	0.00085	0.00023	mg/Kg	☼	10/10/25 10:27	10/10/25 23:10	1
Carbon tetrachloride	0.00085	U	0.00085	0.00033	mg/Kg	☼	10/10/25 10:27	10/10/25 23:10	1
Chlorobenzene	0.00085	U	0.00085	0.00043	mg/Kg	☼	10/10/25 10:27	10/10/25 23:10	1
Chlorobromomethane	0.00085	U	0.00085	0.00050	mg/Kg	☼	10/10/25 10:27	10/10/25 23:10	1
Chlorodibromomethane	0.00085	U	0.00085	0.00045	mg/Kg	☼	10/10/25 10:27	10/10/25 23:10	1
Chloroethane	0.00085	U	0.00085	0.00044	mg/Kg	☼	10/10/25 10:27	10/10/25 23:10	1
Chloroform	0.00085	U	0.00085	0.00082	mg/Kg	☼	10/10/25 10:27	10/10/25 23:10	1
Chloromethane	0.00085	U	0.00085	0.00037	mg/Kg	☼	10/10/25 10:27	10/10/25 23:10	1
cis-1,2-Dichloroethene	0.00085	U	0.00085	0.00030	mg/Kg	☼	10/10/25 10:27	10/10/25 23:10	1
cis-1,3-Dichloropropene	0.00085	U	0.00085	0.00023	mg/Kg	☼	10/10/25 10:27	10/10/25 23:10	1
Cyclohexane	0.00085	U	0.00085	0.00019	mg/Kg	☼	10/10/25 10:27	10/10/25 23:10	1
Dichlorobromomethane	0.00085	U	0.00085	0.00022	mg/Kg	☼	10/10/25 10:27	10/10/25 23:10	1

Client Sample ID: 44C1_7-8

Lab Sample ID: 460-336648-43

Date Collected: 10/07/25 10:50
Matrix: Solid
Date Received: 10/07/25 17:15
Percent Solids: 98.9

Method: SW846 8260D - Volatile Organic Compounds by GC/MS (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Dichlorodifluoromethane	0.00085	U *	0.00085	0.00029	mg/Kg	☼	10/10/25 10:27	10/10/25 23:10	1
Ethylbenzene	0.00085	U	0.00085	0.00040	mg/Kg	☼	10/10/25 10:27	10/10/25 23:10	1
Ethylene Dibromide	0.00085	U	0.00085	0.00043	mg/Kg	☼	10/10/25 10:27	10/10/25 23:10	1
Isopropylbenzene	0.00085	U	0.00085	0.00024	mg/Kg	☼	10/10/25 10:27	10/10/25 23:10	1
Methyl acetate	0.0042	U	0.0042	0.0036	mg/Kg	☼	10/10/25 10:27	10/10/25 23:10	1
Methyl tert-butyl ether	0.00085	U	0.00085	0.00043	mg/Kg	☼	10/10/25 10:27	10/10/25 23:10	1
Methylcyclohexane	0.00085	U	0.00085	0.00042	mg/Kg	☼	10/10/25 10:27	10/10/25 23:10	1
Methylene Chloride	0.0017	U	0.0017	0.00097	mg/Kg	☼	10/10/25 10:27	10/10/25 23:10	1
m-Xylene & p-Xylene	0.00085	U	0.00085	0.00036	mg/Kg	☼	10/10/25 10:27	10/10/25 23:10	1
n-Butylbenzene	0.00085	U	0.00085	0.00025	mg/Kg	☼	10/10/25 10:27	10/10/25 23:10	1
N-Propylbenzene	0.00085	U	0.00085	0.00038	mg/Kg	☼	10/10/25 10:27	10/10/25 23:10	1
o-Xylene	0.00085	U	0.00085	0.00039	mg/Kg	☼	10/10/25 10:27	10/10/25 23:10	1
sec-Butylbenzene	0.00085	U	0.00085	0.00024	mg/Kg	☼	10/10/25 10:27	10/10/25 23:10	1
Styrene	0.00085	U	0.00085	0.00024	mg/Kg	☼	10/10/25 10:27	10/10/25 23:10	1
tert-Butylbenzene	0.00085	U	0.00085	0.00023	mg/Kg	☼	10/10/25 10:27	10/10/25 23:10	1
Tetrachloroethene	0.00085	U	0.00085	0.00026	mg/Kg	☼	10/10/25 10:27	10/10/25 23:10	1
Toluene	**0.00039**	**J**	0.00085	0.00020	mg/Kg	☼	10/10/25 10:27	10/10/25 23:10	1
trans-1,2-Dichloroethene	0.00085	U	0.00085	0.00021	mg/Kg	☼	10/10/25 10:27	10/10/25 23:10	1
trans-1,3-Dichloropropene	0.00085	U	0.00085	0.00023	mg/Kg	☼	10/10/25 10:27	10/10/25 23:10	1
Trichloroethene	0.00085	U	0.00085	0.00027	mg/Kg	☼	10/10/25 10:27	10/10/25 23:10	1
Trichlorofluoromethane	0.00085	U	0.00085	0.00034	mg/Kg	☼	10/10/25 10:27	10/10/25 23:10	1
Vinyl chloride	0.00085	U	0.00085	0.00046	mg/Kg	☼	10/10/25 10:27	10/10/25 23:10	1
Xylenes, Total	0.0017	U	0.0017	0.00015	mg/Kg	☼	10/10/25 10:27	10/10/25 23:10	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,2-Dichloroethane-d4 (Surr)	*111*		*65 - 138*	*10/10/25 10:27*	*10/10/25 23:10*	*1*
4-Bromofluorobenzene	*101*		*71 - 128*	*10/10/25 10:27*	*10/10/25 23:10*	*1*
Dibromofluoromethane (Surr)	*122*		*50 - 150*	*10/10/25 10:27*	*10/10/25 23:10*	*1*
Toluene-d8 (Surr)	*93*		*71 - 126*	*10/10/25 10:27*	*10/10/25 23:10*	*1*

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Percent Moisture (EPA Moisture)	**1.1**		1.0	1.0	%			10/12/25 15:03	1
Percent Solids (EPA Moisture)	**98.9**		1.0	1.0	%			10/12/25 15:03	1

Client Sample ID: 44D1_1-2

Lab Sample ID: 460-336648-44

Date Collected: 10/07/25 10:55
Matrix: Solid
Date Received: 10/07/25 17:15
Percent Solids: 97.2

Method: SW846 8260D - Volatile Organic Compounds by GC/MS

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1-Trichloroethane	0.0011	U	0.0011	0.00027	mg/Kg	☼	10/10/25 10:27	10/10/25 23:33	1
1,1,2,2-Tetrachloroethane	0.0011	U	0.0011	0.00060	mg/Kg	☼	10/10/25 10:27	10/10/25 23:33	1
1,1,2-Trichloro-1,2,2-trifluoroethane	0.0011	U	0.0011	0.00034	mg/Kg	☼	10/10/25 10:27	10/10/25 23:33	1
1,1,2-Trichloroethane	0.0011	U	0.0011	0.00069	mg/Kg	☼	10/10/25 10:27	10/10/25 23:33	1
1,1-Dichloroethane	0.0011	U	0.0011	0.00068	mg/Kg	☼	10/10/25 10:27	10/10/25 23:33	1
1,1-Dichloroethene	0.0011	U	0.0011	0.00026	mg/Kg	☼	10/10/25 10:27	10/10/25 23:33	1
1,2,3-Trichlorobenzene	0.0011	U	0.0011	0.00084	mg/Kg	☼	10/10/25 10:27	10/10/25 23:33	1
1,2,4-Trichlorobenzene	0.0011	U	0.0011	0.00041	mg/Kg	☼	10/10/25 10:27	10/10/25 23:33	1
1,2,4-Trimethylbenzene	0.0011	U	0.0011	0.00028	mg/Kg	☼	10/10/25 10:27	10/10/25 23:33	1

Client: Haley & Aldrich, Inc.
Project/Site: Former Port Mobil

Job ID: 460-336648-1

Client Sample ID: 44D1_1-2
Date Collected: 10/07/25 10:55
Date Received: 10/07/25 17:15

Lab Sample ID: 460-336648-44
Matrix: Solid
Percent Solids: 97.2

Method: SW846 8260D - Volatile Organic Compounds by GC/MS (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,2-Dibromo-3-Chloropropane	0.0011	U	0.0011	0.00052	mg/Kg	☼	10/10/25 10:27	10/10/25 23:33	1
1,2-Dichlorobenzene	0.0011	U	0.0011	0.00041	mg/Kg	☼	10/10/25 10:27	10/10/25 23:33	1
1,2-Dichloroethane	0.0011	U	0.0011	0.00034	mg/Kg	☼	10/10/25 10:27	10/10/25 23:33	1
1,2-Dichloropropane	0.0011	U	0.0011	0.00048	mg/Kg	☼	10/10/25 10:27	10/10/25 23:33	1
1,3,5-Trimethylbenzene	0.0011	U	0.0011	0.00036	mg/Kg	☼	10/10/25 10:27	10/10/25 23:33	1
1,3-Dichlorobenzene	0.0011	U	0.0011	0.00042	mg/Kg	☼	10/10/25 10:27	10/10/25 23:33	1
1,4-Dichlorobenzene	0.0011	U	0.0011	0.00059	mg/Kg	☼	10/10/25 10:27	10/10/25 23:33	1
2-Butanone (MEK)	0.0057	U	0.0057	0.00042	mg/Kg	☼	10/10/25 10:27	10/10/25 23:33	1
2-Hexanone	0.0057	U *	0.0057	0.0020	mg/Kg	☼	10/10/25 10:27	10/10/25 23:33	1
4-Methyl-2-pentanone (MIBK)	0.0057	U *	0.0057	0.0018	mg/Kg	☼	10/10/25 10:27	10/10/25 23:33	1
Acetone	**0.073**		0.0068	0.0065	mg/Kg	☼	10/10/25 10:27	10/10/25 23:33	1
Benzene	0.0011	U	0.0011	0.00065	mg/Kg	☼	10/10/25 10:27	10/10/25 23:33	1
Bromoform	0.0011	U	0.0011	0.00048	mg/Kg	☼	10/10/25 10:27	10/10/25 23:33	1
Bromomethane	0.0023	U	0.0023	0.0011	mg/Kg	☼	10/10/25 10:27	10/10/25 23:33	1
Carbon disulfide	0.0011	U	0.0011	0.00030	mg/Kg	☼	10/10/25 10:27	10/10/25 23:33	1
Carbon tetrachloride	0.0011	U	0.0011	0.00044	mg/Kg	☼	10/10/25 10:27	10/10/25 23:33	1
Chlorobenzene	0.0011	U	0.0011	0.00058	mg/Kg	☼	10/10/25 10:27	10/10/25 23:33	1
Chlorobromomethane	0.0011	U	0.0011	0.00068	mg/Kg	☼	10/10/25 10:27	10/10/25 23:33	1
Chlorodibromomethane	0.0011	U	0.0011	0.00061	mg/Kg	☼	10/10/25 10:27	10/10/25 23:33	1
Chloroethane	0.0011	U	0.0011	0.00060	mg/Kg	☼	10/10/25 10:27	10/10/25 23:33	1
Chloroform	0.0011	U	0.0011	0.0011	mg/Kg	☼	10/10/25 10:27	10/10/25 23:33	1
Chloromethane	0.0011	U	0.0011	0.00050	mg/Kg	☼	10/10/25 10:27	10/10/25 23:33	1
cis-1,2-Dichloroethene	0.0011	U	0.0011	0.00041	mg/Kg	☼	10/10/25 10:27	10/10/25 23:33	1
cis-1,3-Dichloropropene	0.0011	U	0.0011	0.00031	mg/Kg	☼	10/10/25 10:27	10/10/25 23:33	1
Cyclohexane	0.0011	U	0.0011	0.00025	mg/Kg	☼	10/10/25 10:27	10/10/25 23:33	1
Dichlorobromomethane	0.0011	U	0.0011	0.00029	mg/Kg	☼	10/10/25 10:27	10/10/25 23:33	1
Dichlorodifluoromethane	0.0011	U *	0.0011	0.00039	mg/Kg	☼	10/10/25 10:27	10/10/25 23:33	1
Ethylbenzene	0.0011	U	0.0011	0.00053	mg/Kg	☼	10/10/25 10:27	10/10/25 23:33	1
Ethylene Dibromide	0.0011	U	0.0011	0.00057	mg/Kg	☼	10/10/25 10:27	10/10/25 23:33	1
Isopropylbenzene	0.0011	U	0.0011	0.00032	mg/Kg	☼	10/10/25 10:27	10/10/25 23:33	1
Methyl acetate	0.0057	U	0.0057	0.0049	mg/Kg	☼	10/10/25 10:27	10/10/25 23:33	1
Methyl tert-butyl ether	0.0011	U	0.0011	0.00058	mg/Kg	☼	10/10/25 10:27	10/10/25 23:33	1
Methylcyclohexane	0.0011	U	0.0011	0.00057	mg/Kg	☼	10/10/25 10:27	10/10/25 23:33	1
Methylene Chloride	0.0023	U	0.0023	0.0013	mg/Kg	☼	10/10/25 10:27	10/10/25 23:33	1
m-Xylene & p-Xylene	0.0011	U	0.0011	0.00048	mg/Kg	☼	10/10/25 10:27	10/10/25 23:33	1
n-Butylbenzene	0.0011	U	0.0011	0.00034	mg/Kg	☼	10/10/25 10:27	10/10/25 23:33	1
N-Propylbenzene	0.0011	U	0.0011	0.00051	mg/Kg	☼	10/10/25 10:27	10/10/25 23:33	1
o-Xylene	0.0011	U	0.0011	0.00053	mg/Kg	☼	10/10/25 10:27	10/10/25 23:33	1
sec-Butylbenzene	0.0011	U	0.0011	0.00033	mg/Kg	☼	10/10/25 10:27	10/10/25 23:33	1
Styrene	0.0011	U	0.0011	0.00032	mg/Kg	☼	10/10/25 10:27	10/10/25 23:33	1
tert-Butylbenzene	0.0011	U	0.0011	0.00031	mg/Kg	☼	10/10/25 10:27	10/10/25 23:33	1
Tetrachloroethene	0.0011	U	0.0011	0.00035	mg/Kg	☼	10/10/25 10:27	10/10/25 23:33	1
Toluene	**0.00048**	**J**	0.0011	0.00027	mg/Kg	☼	10/10/25 10:27	10/10/25 23:33	1
trans-1,2-Dichloroethene	0.0011	U	0.0011	0.00028	mg/Kg	☼	10/10/25 10:27	10/10/25 23:33	1
trans-1,3-Dichloropropene	0.0011	U	0.0011	0.00030	mg/Kg	☼	10/10/25 10:27	10/10/25 23:33	1
Trichloroethene	0.0011	U	0.0011	0.00037	mg/Kg	☼	10/10/25 10:27	10/10/25 23:33	1
Trichlorofluoromethane	0.0011	U	0.0011	0.00046	mg/Kg	☼	10/10/25 10:27	10/10/25 23:33	1
Vinyl chloride	0.0011	U	0.0011	0.00062	mg/Kg	☼	10/10/25 10:27	10/10/25 23:33	1
Xylenes, Total	0.0023	U	0.0023	0.00020	mg/Kg	☼	10/10/25 10:27	10/10/25 23:33	1

Client Sample ID: 44D1_1-2

Lab Sample ID: 460-336648-44

Date Collected: 10/07/25 10:55
Matrix: Solid
Date Received: 10/07/25 17:15
Percent Solids: 97.2

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
1,2-Dichloroethane-d4 (Surr)	*113*		*65 - 138*	*10/10/25 10:27*	*10/10/25 23:33*	*1*
4-Bromofluorobenzene	*101*		*71 - 128*	*10/10/25 10:27*	*10/10/25 23:33*	*1*
Dibromofluoromethane (Surr)	*123*		*50 - 150*	*10/10/25 10:27*	*10/10/25 23:33*	*1*
Toluene-d8 (Surr)	*94*		*71 - 126*	*10/10/25 10:27*	*10/10/25 23:33*	*1*

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Percent Moisture (EPA Moisture)	**2.8**		1.0	1.0	%			10/12/25 15:03	1
Percent Solids (EPA Moisture)	**97.2**		1.0	1.0	%			10/12/25 15:03	1

Client Sample ID: 44D2_2-3

Lab Sample ID: 460-336648-45

Date Collected: 10/07/25 11:00
Matrix: Solid
Date Received: 10/07/25 17:15
Percent Solids: 97.6

Method: SW846 8260D - Volatile Organic Compounds by GC/MS

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1-Trichloroethane	0.0010	U	0.0010	0.00024	mg/Kg	☼	10/10/25 10:28	10/10/25 23:56	1
1,1,2,2-Tetrachloroethane	0.0010	U	0.0010	0.00054	mg/Kg	☼	10/10/25 10:28	10/10/25 23:56	1
1,1,2-Trichloro-1,2,2-trifluoroethane	0.0010	U	0.0010	0.00031	mg/Kg	☼	10/10/25 10:28	10/10/25 23:56	1
1,1,2-Trichloroethane	0.0010	U	0.0010	0.00062	mg/Kg	☼	10/10/25 10:28	10/10/25 23:56	1
1,1-Dichloroethane	0.0010	U	0.0010	0.00062	mg/Kg	☼	10/10/25 10:28	10/10/25 23:56	1
1,1-Dichloroethene	0.0010	U	0.0010	0.00023	mg/Kg	☼	10/10/25 10:28	10/10/25 23:56	1
1,2,3-Trichlorobenzene	0.0010	U	0.0010	0.00076	mg/Kg	☼	10/10/25 10:28	10/10/25 23:56	1
1,2,4-Trichlorobenzene	0.0010	U	0.0010	0.00037	mg/Kg	☼	10/10/25 10:28	10/10/25 23:56	1
1,2,4-Trimethylbenzene	0.0010	U	0.0010	0.00025	mg/Kg	☼	10/10/25 10:28	10/10/25 23:56	1
1,2-Dibromo-3-Chloropropane	0.0010	U	0.0010	0.00047	mg/Kg	☼	10/10/25 10:28	10/10/25 23:56	1
1,2-Dichlorobenzene	0.0010	U	0.0010	0.00037	mg/Kg	☼	10/10/25 10:28	10/10/25 23:56	1
1,2-Dichloroethane	0.0010	U	0.0010	0.00031	mg/Kg	☼	10/10/25 10:28	10/10/25 23:56	1
1,2-Dichloropropane	0.0010	U	0.0010	0.00044	mg/Kg	☼	10/10/25 10:28	10/10/25 23:56	1
1,3,5-Trimethylbenzene	0.0010	U	0.0010	0.00032	mg/Kg	☼	10/10/25 10:28	10/10/25 23:56	1
1,3-Dichlorobenzene	0.0010	U	0.0010	0.00038	mg/Kg	☼	10/10/25 10:28	10/10/25 23:56	1
1,4-Dichlorobenzene	0.0010	U	0.0010	0.00054	mg/Kg	☼	10/10/25 10:28	10/10/25 23:56	1
2-Butanone (MEK)	0.0052	U	0.0052	0.00038	mg/Kg	☼	10/10/25 10:28	10/10/25 23:56	1
2-Hexanone	0.0052	U *	0.0052	0.0018	mg/Kg	☼	10/10/25 10:28	10/10/25 23:56	1
4-Methyl-2-pentanone (MIBK)	0.0052	U *	0.0052	0.0016	mg/Kg	☼	10/10/25 10:28	10/10/25 23:56	1
Acetone	**0.044**		0.0062	0.0059	mg/Kg	☼	10/10/25 10:28	10/10/25 23:56	1
Benzene	0.0010	U	0.0010	0.00059	mg/Kg	☼	10/10/25 10:28	10/10/25 23:56	1
Bromoform	0.0010	U	0.0010	0.00044	mg/Kg	☼	10/10/25 10:28	10/10/25 23:56	1
Bromomethane	0.0021	U	0.0021	0.0010	mg/Kg	☼	10/10/25 10:28	10/10/25 23:56	1
Carbon disulfide	0.0010	U	0.0010	0.00027	mg/Kg	☼	10/10/25 10:28	10/10/25 23:56	1
Carbon tetrachloride	0.0010	U	0.0010	0.00040	mg/Kg	☼	10/10/25 10:28	10/10/25 23:56	1
Chlorobenzene	0.0010	U	0.0010	0.00052	mg/Kg	☼	10/10/25 10:28	10/10/25 23:56	1
Chlorobromomethane	0.0010	U	0.0010	0.00062	mg/Kg	☼	10/10/25 10:28	10/10/25 23:56	1
Chlorodibromomethane	0.0010	U	0.0010	0.00055	mg/Kg	☼	10/10/25 10:28	10/10/25 23:56	1
Chloroethane	0.0010	U	0.0010	0.00054	mg/Kg	☼	10/10/25 10:28	10/10/25 23:56	1
Chloroform	0.0010	U	0.0010	0.0010	mg/Kg	☼	10/10/25 10:28	10/10/25 23:56	1
Chloromethane	0.0010	U	0.0010	0.00045	mg/Kg	☼	10/10/25 10:28	10/10/25 23:56	1
cis-1,2-Dichloroethene	0.0010	U	0.0010	0.00037	mg/Kg	☼	10/10/25 10:28	10/10/25 23:56	1
cis-1,3-Dichloropropene	0.0010	U	0.0010	0.00028	mg/Kg	☼	10/10/25 10:28	10/10/25 23:56	1
Cyclohexane	0.0010	U	0.0010	0.00023	mg/Kg	☼	10/10/25 10:28	10/10/25 23:56	1
Dichlorobromomethane	0.0010	U	0.0010	0.00027	mg/Kg	☼	10/10/25 10:28	10/10/25 23:56	1

Client Sample ID: 44D2_2-3

Lab Sample ID: 460-336648-45

Date Collected: 10/07/25 11:00
Matrix: Solid
Date Received: 10/07/25 17:15
Percent Solids: 97.6

Method: SW846 8260D - Volatile Organic Compounds by GC/MS (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Dichlorodifluoromethane	0.0010	U *	0.0010	0.00035	mg/Kg	☼	10/10/25 10:28	10/10/25 23:56	1
Ethylbenzene	0.0010	U	0.0010	0.00048	mg/Kg	☼	10/10/25 10:28	10/10/25 23:56	1
Ethylene Dibromide	0.0010	U	0.0010	0.00052	mg/Kg	☼	10/10/25 10:28	10/10/25 23:56	1
Isopropylbenzene	0.0010	U	0.0010	0.00029	mg/Kg	☼	10/10/25 10:28	10/10/25 23:56	1
Methyl acetate	0.0052	U	0.0052	0.0044	mg/Kg	☼	10/10/25 10:28	10/10/25 23:56	1
Methyl tert-butyl ether	0.0010	U	0.0010	0.00053	mg/Kg	☼	10/10/25 10:28	10/10/25 23:56	1
Methylcyclohexane	0.0010	U	0.0010	0.00052	mg/Kg	☼	10/10/25 10:28	10/10/25 23:56	1
Methylene Chloride	0.0021	U	0.0021	0.0012	mg/Kg	☼	10/10/25 10:28	10/10/25 23:56	1
m-Xylene & p-Xylene	0.0010	U	0.0010	0.00044	mg/Kg	☼	10/10/25 10:28	10/10/25 23:56	1
n-Butylbenzene	0.0010	U	0.0010	0.00030	mg/Kg	☼	10/10/25 10:28	10/10/25 23:56	1
N-Propylbenzene	0.0010	U	0.0010	0.00046	mg/Kg	☼	10/10/25 10:28	10/10/25 23:56	1
o-Xylene	0.0010	U	0.0010	0.00048	mg/Kg	☼	10/10/25 10:28	10/10/25 23:56	1
sec-Butylbenzene	0.0010	U	0.0010	0.00030	mg/Kg	☼	10/10/25 10:28	10/10/25 23:56	1
Styrene	0.0010	U	0.0010	0.00029	mg/Kg	☼	10/10/25 10:28	10/10/25 23:56	1
tert-Butylbenzene	0.0010	U	0.0010	0.00028	mg/Kg	☼	10/10/25 10:28	10/10/25 23:56	1
Tetrachloroethene	0.0010	U	0.0010	0.00031	mg/Kg	☼	10/10/25 10:28	10/10/25 23:56	1
Toluene	0.0010	U	0.0010	0.00024	mg/Kg	☼	10/10/25 10:28	10/10/25 23:56	1
trans-1,2-Dichloroethene	0.0010	U	0.0010	0.00025	mg/Kg	☼	10/10/25 10:28	10/10/25 23:56	1
trans-1,3-Dichloropropene	0.0010	U	0.0010	0.00027	mg/Kg	☼	10/10/25 10:28	10/10/25 23:56	1
Trichloroethene	0.0010	U	0.0010	0.00033	mg/Kg	☼	10/10/25 10:28	10/10/25 23:56	1
Trichlorofluoromethane	0.0010	U	0.0010	0.00042	mg/Kg	☼	10/10/25 10:28	10/10/25 23:56	1
Vinyl chloride	0.0010	U	0.0010	0.00056	mg/Kg	☼	10/10/25 10:28	10/10/25 23:56	1
Xylenes, Total	0.0021	U	0.0021	0.00018	mg/Kg	☼	10/10/25 10:28	10/10/25 23:56	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,2-Dichloroethane-d4 (Surr)	*112*		*65 - 138*	*10/10/25 10:28*	*10/10/25 23:56*	*1*
4-Bromofluorobenzene	*101*		*71 - 128*	*10/10/25 10:28*	*10/10/25 23:56*	*1*
Dibromofluoromethane (Surr)	*121*		*50 - 150*	*10/10/25 10:28*	*10/10/25 23:56*	*1*
Toluene-d8 (Surr)	*93*		*71 - 126*	*10/10/25 10:28*	*10/10/25 23:56*	*1*

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Percent Moisture (EPA Moisture)	**2.4**		1.0	1.0	%			10/12/25 15:03	1
Percent Solids (EPA Moisture)	**97.6**		1.0	1.0	%			10/12/25 15:03	1

Client Sample ID: 44D3_3-4

Lab Sample ID: 460-336648-46

Date Collected: 10/07/25 11:05
Matrix: Solid
Date Received: 10/07/25 17:15
Percent Solids: 93.8

Method: SW846 8260D - Volatile Organic Compounds by GC/MS

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1-Trichloroethane	0.0010	U	0.0010	0.00023	mg/Kg	☼	10/10/25 10:28	10/11/25 00:19	1
1,1,2,2-Tetrachloroethane	0.0010	U	0.0010	0.00053	mg/Kg	☼	10/10/25 10:28	10/11/25 00:19	1
1,1,2-Trichloro-1,2,2-trifluoroethane	0.0010	U	0.0010	0.00030	mg/Kg	☼	10/10/25 10:28	10/11/25 00:19	1
1,1,2-Trichloroethane	0.0010	U	0.0010	0.00060	mg/Kg	☼	10/10/25 10:28	10/11/25 00:19	1
1,1-Dichloroethane	0.0010	U	0.0010	0.00060	mg/Kg	☼	10/10/25 10:28	10/11/25 00:19	1
1,1-Dichloroethene	0.0010	U	0.0010	0.00023	mg/Kg	☼	10/10/25 10:28	10/11/25 00:19	1
1,2,3-Trichlorobenzene	0.0010	U	0.0010	0.00074	mg/Kg	☼	10/10/25 10:28	10/11/25 00:19	1
1,2,4-Trichlorobenzene	0.0010	U	0.0010	0.00036	mg/Kg	☼	10/10/25 10:28	10/11/25 00:19	1
1,2,4-Trimethylbenzene	0.0010	U	0.0010	0.00025	mg/Kg	☼	10/10/25 10:28	10/11/25 00:19	1

Client: Haley & Aldrich, Inc.
Project/Site: Former Port Mobil

Job ID: 460-336648-1

Client Sample ID: 44D3_3-4
Date Collected: 10/07/25 11:05
Date Received: 10/07/25 17:15

Lab Sample ID: 460-336648-46
Matrix: Solid
Percent Solids: 93.8

Method: SW846 8260D - Volatile Organic Compounds by GC/MS (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,2-Dibromo-3-Chloropropane	0.0010	U	0.0010	0.00046	mg/Kg	☼	10/10/25 10:28	10/11/25 00:19	1
1,2-Dichlorobenzene	0.0010	U	0.0010	0.00036	mg/Kg	☼	10/10/25 10:28	10/11/25 00:19	1
1,2-Dichloroethane	0.0010	U	0.0010	0.00030	mg/Kg	☼	10/10/25 10:28	10/11/25 00:19	1
1,2-Dichloropropane	0.0010	U	0.0010	0.00043	mg/Kg	☼	10/10/25 10:28	10/11/25 00:19	1
1,3,5-Trimethylbenzene	0.0010	U	0.0010	0.00032	mg/Kg	☼	10/10/25 10:28	10/11/25 00:19	1
1,3-Dichlorobenzene	0.0010	U	0.0010	0.00037	mg/Kg	☼	10/10/25 10:28	10/11/25 00:19	1
1,4-Dichlorobenzene	0.0010	U	0.0010	0.00052	mg/Kg	☼	10/10/25 10:28	10/11/25 00:19	1
2-Butanone (MEK)	0.0050	U	0.0050	0.00037	mg/Kg	☼	10/10/25 10:28	10/11/25 00:19	1
2-Hexanone	0.0050	U *	0.0050	0.0017	mg/Kg	☼	10/10/25 10:28	10/11/25 00:19	1
4-Methyl-2-pentanone (MIBK)	0.0050	U *	0.0050	0.0016	mg/Kg	☼	10/10/25 10:28	10/11/25 00:19	1
Acetone	**0.073**		0.0060	0.0058	mg/Kg	☼	10/10/25 10:28	10/11/25 00:19	1
Benzene	0.0010	U	0.0010	0.00057	mg/Kg	☼	10/10/25 10:28	10/11/25 00:19	1
Bromoform	0.0010	U	0.0010	0.00043	mg/Kg	☼	10/10/25 10:28	10/11/25 00:19	1
Bromomethane	0.0020	U	0.0020	0.0010	mg/Kg	☼	10/10/25 10:28	10/11/25 00:19	1
Carbon disulfide	0.0010	U	0.0010	0.00027	mg/Kg	☼	10/10/25 10:28	10/11/25 00:19	1
Carbon tetrachloride	0.0010	U	0.0010	0.00039	mg/Kg	☼	10/10/25 10:28	10/11/25 00:19	1
Chlorobenzene	0.0010	U	0.0010	0.00051	mg/Kg	☼	10/10/25 10:28	10/11/25 00:19	1
Chlorobromomethane	0.0010	U	0.0010	0.00060	mg/Kg	☼	10/10/25 10:28	10/11/25 00:19	1
Chlorodibromomethane	0.0010	U	0.0010	0.00054	mg/Kg	☼	10/10/25 10:28	10/11/25 00:19	1
Chloroethane	0.0010	U	0.0010	0.00053	mg/Kg	☼	10/10/25 10:28	10/11/25 00:19	1
Chloroform	0.0010	U	0.0010	0.00098	mg/Kg	☼	10/10/25 10:28	10/11/25 00:19	1
Chloromethane	0.0010	U	0.0010	0.00044	mg/Kg	☼	10/10/25 10:28	10/11/25 00:19	1
cis-1,2-Dichloroethene	0.0010	U	0.0010	0.00036	mg/Kg	☼	10/10/25 10:28	10/11/25 00:19	1
cis-1,3-Dichloropropene	0.0010	U	0.0010	0.00027	mg/Kg	☼	10/10/25 10:28	10/11/25 00:19	1
Cyclohexane	0.0010	U	0.0010	0.00022	mg/Kg	☼	10/10/25 10:28	10/11/25 00:19	1
Dichlorobromomethane	0.0010	U	0.0010	0.00026	mg/Kg	☼	10/10/25 10:28	10/11/25 00:19	1
Dichlorodifluoromethane	0.0010	U *	0.0010	0.00034	mg/Kg	☼	10/10/25 10:28	10/11/25 00:19	1
Ethylbenzene	0.0010	U	0.0010	0.00047	mg/Kg	☼	10/10/25 10:28	10/11/25 00:19	1
Ethylene Dibromide	0.0010	U	0.0010	0.00051	mg/Kg	☼	10/10/25 10:28	10/11/25 00:19	1
Isopropylbenzene	0.0010	U	0.0010	0.00029	mg/Kg	☼	10/10/25 10:28	10/11/25 00:19	1
Methyl acetate	0.0050	U	0.0050	0.0043	mg/Kg	☼	10/10/25 10:28	10/11/25 00:19	1
Methyl tert-butyl ether	0.0010	U	0.0010	0.00051	mg/Kg	☼	10/10/25 10:28	10/11/25 00:19	1
Methylcyclohexane	0.0010	U	0.0010	0.00050	mg/Kg	☼	10/10/25 10:28	10/11/25 00:19	1
Methylene Chloride	0.0020	U	0.0020	0.0012	mg/Kg	☼	10/10/25 10:28	10/11/25 00:19	1
m-Xylene & p-Xylene	0.0010	U	0.0010	0.00043	mg/Kg	☼	10/10/25 10:28	10/11/25 00:19	1
n-Butylbenzene	0.0010	U	0.0010	0.00030	mg/Kg	☼	10/10/25 10:28	10/11/25 00:19	1
N-Propylbenzene	0.0010	U	0.0010	0.00045	mg/Kg	☼	10/10/25 10:28	10/11/25 00:19	1
o-Xylene	0.0010	U	0.0010	0.00046	mg/Kg	☼	10/10/25 10:28	10/11/25 00:19	1
sec-Butylbenzene	0.0010	U	0.0010	0.00029	mg/Kg	☼	10/10/25 10:28	10/11/25 00:19	1
Styrene	0.0010	U	0.0010	0.00028	mg/Kg	☼	10/10/25 10:28	10/11/25 00:19	1
tert-Butylbenzene	0.0010	U	0.0010	0.00028	mg/Kg	☼	10/10/25 10:28	10/11/25 00:19	1
Tetrachloroethene	0.0010	U	0.0010	0.00031	mg/Kg	☼	10/10/25 10:28	10/11/25 00:19	1
Toluene	**0.00045**	**J**	0.0010	0.00024	mg/Kg	☼	10/10/25 10:28	10/11/25 00:19	1
trans-1,2-Dichloroethene	0.0010	U	0.0010	0.00025	mg/Kg	☼	10/10/25 10:28	10/11/25 00:19	1
trans-1,3-Dichloropropene	0.0010	U	0.0010	0.00027	mg/Kg	☼	10/10/25 10:28	10/11/25 00:19	1
Trichloroethene	0.0010	U	0.0010	0.00032	mg/Kg	☼	10/10/25 10:28	10/11/25 00:19	1
Trichlorofluoromethane	0.0010	U	0.0010	0.00041	mg/Kg	☼	10/10/25 10:28	10/11/25 00:19	1
Vinyl chloride	0.0010	U	0.0010	0.00055	mg/Kg	☼	10/10/25 10:28	10/11/25 00:19	1
Xylenes, Total	0.0020	U	0.0020	0.00018	mg/Kg	☼	10/10/25 10:28	10/11/25 00:19	1

Client Sample ID: 44D3_3-4

Lab Sample ID: 460-336648-46

Date Collected: 10/07/25 11:05
Matrix: Solid
Date Received: 10/07/25 17:15
Percent Solids: 93.8

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,2-Dichloroethane-d4 (Surr)	*113*		*65 - 138*	*10/10/25 10:28*	*10/11/25 00:19*	*1*
4-Bromofluorobenzene	*99*		*71 - 128*	*10/10/25 10:28*	*10/11/25 00:19*	*1*
Dibromofluoromethane (Surr)	*124*		*50 - 150*	*10/10/25 10:28*	*10/11/25 00:19*	*1*
Toluene-d8 (Surr)	*93*		*71 - 126*	*10/10/25 10:28*	*10/11/25 00:19*	*1*

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Percent Moisture (EPA Moisture)	**6.2**		1.0	1.0	%			10/12/25 15:03	1
Percent Solids (EPA Moisture)	**93.8**		1.0	1.0	%			10/12/25 15:03	1

Client Sample ID: 44D1_4-5

Lab Sample ID: 460-336648-47

Date Collected: 10/07/25 11:10
Matrix: Solid
Date Received: 10/07/25 17:15
Percent Solids: 91.8

Method: SW846 8260D - Volatile Organic Compounds by GC/MS

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1-Trichloroethane	0.00095	U	0.00095	0.00022	mg/Kg	☼	10/10/25 10:28	10/11/25 00:42	1
1,1,2,2-Tetrachloroethane	0.00095	U	0.00095	0.00050	mg/Kg	☼	10/10/25 10:28	10/11/25 00:42	1
1,1,2-Trichloro-1,2,2-trifluoroethane	0.00095	U	0.00095	0.00029	mg/Kg	☼	10/10/25 10:28	10/11/25 00:42	1
1,1,2-Trichloroethane	0.00095	U	0.00095	0.00057	mg/Kg	☼	10/10/25 10:28	10/11/25 00:42	1
1,1-Dichloroethane	0.00095	U	0.00095	0.00057	mg/Kg	☼	10/10/25 10:28	10/11/25 00:42	1
1,1-Dichloroethene	0.00095	U	0.00095	0.00021	mg/Kg	☼	10/10/25 10:28	10/11/25 00:42	1
1,2,3-Trichlorobenzene	0.00095	U	0.00095	0.00070	mg/Kg	☼	10/10/25 10:28	10/11/25 00:42	1
1,2,4-Trichlorobenzene	0.00095	U	0.00095	0.00034	mg/Kg	☼	10/10/25 10:28	10/11/25 00:42	1
1,2,4-Trimethylbenzene	0.00095	U	0.00095	0.00023	mg/Kg	☼	10/10/25 10:28	10/11/25 00:42	1
1,2-Dibromo-3-Chloropropane	0.00095	U	0.00095	0.00044	mg/Kg	☼	10/10/25 10:28	10/11/25 00:42	1
1,2-Dichlorobenzene	0.00095	U	0.00095	0.00034	mg/Kg	☼	10/10/25 10:28	10/11/25 00:42	1
1,2-Dichloroethane	0.00095	U	0.00095	0.00028	mg/Kg	☼	10/10/25 10:28	10/11/25 00:42	1
1,2-Dichloropropane	0.00095	U	0.00095	0.00040	mg/Kg	☼	10/10/25 10:28	10/11/25 00:42	1
1,3,5-Trimethylbenzene	0.00095	U	0.00095	0.00030	mg/Kg	☼	10/10/25 10:28	10/11/25 00:42	1
1,3-Dichlorobenzene	0.00095	U	0.00095	0.00035	mg/Kg	☼	10/10/25 10:28	10/11/25 00:42	1
1,4-Dichlorobenzene	0.00095	U	0.00095	0.00049	mg/Kg	☼	10/10/25 10:28	10/11/25 00:42	1
2-Butanone (MEK)	0.0048	U	0.0048	0.00035	mg/Kg	☼	10/10/25 10:28	10/11/25 00:42	1
2-Hexanone	0.0048	U *	0.0048	0.0016	mg/Kg	☼	10/10/25 10:28	10/11/25 00:42	1
4-Methyl-2-pentanone (MIBK)	0.0048	U *	0.0048	0.0015	mg/Kg	☼	10/10/25 10:28	10/11/25 00:42	1
Acetone	0.0057	U	0.0057	0.0055	mg/Kg	☼	10/10/25 10:28	10/11/25 00:42	1
Benzene	0.00095	U	0.00095	0.00054	mg/Kg	☼	10/10/25 10:28	10/11/25 00:42	1
Bromoform	0.00095	U	0.00095	0.00041	mg/Kg	☼	10/10/25 10:28	10/11/25 00:42	1
Bromomethane	0.0019	U	0.0019	0.00095	mg/Kg	☼	10/10/25 10:28	10/11/25 00:42	1
Carbon disulfide	0.00095	U	0.00095	0.00025	mg/Kg	☼	10/10/25 10:28	10/11/25 00:42	1
Carbon tetrachloride	0.00095	U	0.00095	0.00037	mg/Kg	☼	10/10/25 10:28	10/11/25 00:42	1
Chlorobenzene	0.00095	U	0.00095	0.00048	mg/Kg	☼	10/10/25 10:28	10/11/25 00:42	1
Chlorobromomethane	0.00095	U	0.00095	0.00057	mg/Kg	☼	10/10/25 10:28	10/11/25 00:42	1
Chlorodibromomethane	0.00095	U	0.00095	0.00051	mg/Kg	☼	10/10/25 10:28	10/11/25 00:42	1
Chloroethane	0.00095	U	0.00095	0.00050	mg/Kg	☼	10/10/25 10:28	10/11/25 00:42	1
Chloroform	0.00095	U	0.00095	0.00093	mg/Kg	☼	10/10/25 10:28	10/11/25 00:42	1
Chloromethane	0.00095	U	0.00095	0.00041	mg/Kg	☼	10/10/25 10:28	10/11/25 00:42	1
cis-1,2-Dichloroethene	0.00095	U	0.00095	0.00034	mg/Kg	☼	10/10/25 10:28	10/11/25 00:42	1
cis-1,3-Dichloropropene	0.00095	U	0.00095	0.00026	mg/Kg	☼	10/10/25 10:28	10/11/25 00:42	1
Cyclohexane	0.00095	U	0.00095	0.00021	mg/Kg	☼	10/10/25 10:28	10/11/25 00:42	1
Dichlorobromomethane	0.00095	U	0.00095	0.00024	mg/Kg	☼	10/10/25 10:28	10/11/25 00:42	1

Client Sample ID: 44D1_4-5

Lab Sample ID: 460-336648-47

Date Collected: 10/07/25 11:10
Matrix: Solid
Date Received: 10/07/25 17:15
Percent Solids: 91.8

Method: SW846 8260D - Volatile Organic Compounds by GC/MS (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Dichlorodifluoromethane	0.00095	U *	0.00095	0.00032	mg/Kg	☼	10/10/25 10:28	10/11/25 00:42	1
Ethylbenzene	0.00095	U	0.00095	0.00045	mg/Kg	☼	10/10/25 10:28	10/11/25 00:42	1
Ethylene Dibromide	0.00095	U	0.00095	0.00048	mg/Kg	☼	10/10/25 10:28	10/11/25 00:42	1
Isopropylbenzene	0.00095	U	0.00095	0.00027	mg/Kg	☼	10/10/25 10:28	10/11/25 00:42	1
Methyl acetate	0.0048	U	0.0048	0.0041	mg/Kg	☼	10/10/25 10:28	10/11/25 00:42	1
Methyl tert-butyl ether	0.00095	U	0.00095	0.00049	mg/Kg	☼	10/10/25 10:28	10/11/25 00:42	1
Methylcyclohexane	0.00095	U	0.00095	0.00048	mg/Kg	☼	10/10/25 10:28	10/11/25 00:42	1
Methylene Chloride	0.0019	U	0.0019	0.0011	mg/Kg	☼	10/10/25 10:28	10/11/25 00:42	1
m-Xylene & p-Xylene	0.00095	U	0.00095	0.00040	mg/Kg	☼	10/10/25 10:28	10/11/25 00:42	1
n-Butylbenzene	0.00095	U	0.00095	0.00028	mg/Kg	☼	10/10/25 10:28	10/11/25 00:42	1
N-Propylbenzene	0.00095	U	0.00095	0.00043	mg/Kg	☼	10/10/25 10:28	10/11/25 00:42	1
o-Xylene	0.00095	U	0.00095	0.00044	mg/Kg	☼	10/10/25 10:28	10/11/25 00:42	1
sec-Butylbenzene	0.00095	U	0.00095	0.00027	mg/Kg	☼	10/10/25 10:28	10/11/25 00:42	1
Styrene	0.00095	U	0.00095	0.00026	mg/Kg	☼	10/10/25 10:28	10/11/25 00:42	1
tert-Butylbenzene	0.00095	U	0.00095	0.00026	mg/Kg	☼	10/10/25 10:28	10/11/25 00:42	1
Tetrachloroethene	0.00095	U	0.00095	0.00029	mg/Kg	☼	10/10/25 10:28	10/11/25 00:42	1
Toluene	**0.00039**	**J**	0.00095	0.00022	mg/Kg	☼	10/10/25 10:28	10/11/25 00:42	1
trans-1,2-Dichloroethene	0.00095	U	0.00095	0.00023	mg/Kg	☼	10/10/25 10:28	10/11/25 00:42	1
trans-1,3-Dichloropropene	0.00095	U	0.00095	0.00025	mg/Kg	☼	10/10/25 10:28	10/11/25 00:42	1
Trichloroethene	0.00095	U	0.00095	0.00031	mg/Kg	☼	10/10/25 10:28	10/11/25 00:42	1
Trichlorofluoromethane	0.00095	U	0.00095	0.00039	mg/Kg	☼	10/10/25 10:28	10/11/25 00:42	1
Vinyl chloride	0.00095	U	0.00095	0.00052	mg/Kg	☼	10/10/25 10:28	10/11/25 00:42	1
Xylenes, Total	0.0019	U	0.0019	0.00017	mg/Kg	☼	10/10/25 10:28	10/11/25 00:42	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,2-Dichloroethane-d4 (Surr)	*111*		*65 - 138*	*10/10/25 10:28*	*10/11/25 00:42*	*1*
4-Bromofluorobenzene	*100*		*71 - 128*	*10/10/25 10:28*	*10/11/25 00:42*	*1*
Dibromofluoromethane (Surr)	*118*		*50 - 150*	*10/10/25 10:28*	*10/11/25 00:42*	*1*
Toluene-d8 (Surr)	*93*		*71 - 126*	*10/10/25 10:28*	*10/11/25 00:42*	*1*

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Percent Moisture (EPA Moisture)	**8.2**		1.0	1.0	%			10/12/25 15:03	1
Percent Solids (EPA Moisture)	**91.8**		1.0	1.0	%			10/12/25 15:03	1

Client Sample ID: 44D2_5-6

Lab Sample ID: 460-336648-48

Date Collected: 10/07/25 11:15
Matrix: Solid
Date Received: 10/07/25 17:15
Percent Solids: 96.5

Method: SW846 8260D - Volatile Organic Compounds by GC/MS

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1-Trichloroethane	0.00093	U	0.00093	0.00022	mg/Kg	☼	10/10/25 10:41	10/11/25 01:05	1
1,1,2,2-Tetrachloroethane	0.00093	U	0.00093	0.00049	mg/Kg	☼	10/10/25 10:41	10/11/25 01:05	1
1,1,2-Trichloro-1,2,2-trifluoroethane	0.00093	U	0.00093	0.00028	mg/Kg	☼	10/10/25 10:41	10/11/25 01:05	1
1,1,2-Trichloroethane	0.00093	U	0.00093	0.00056	mg/Kg	☼	10/10/25 10:41	10/11/25 01:05	1
1,1-Dichloroethane	0.00093	U	0.00093	0.00056	mg/Kg	☼	10/10/25 10:41	10/11/25 01:05	1
1,1-Dichloroethene	0.00093	U	0.00093	0.00021	mg/Kg	☼	10/10/25 10:41	10/11/25 01:05	1
1,2,3-Trichlorobenzene	0.00093	U	0.00093	0.00069	mg/Kg	☼	10/10/25 10:41	10/11/25 01:05	1
1,2,4-Trichlorobenzene	0.00093	U	0.00093	0.00033	mg/Kg	☼	10/10/25 10:41	10/11/25 01:05	1
1,2,4-Trimethylbenzene	0.00093	U	0.00093	0.00023	mg/Kg	☼	10/10/25 10:41	10/11/25 01:05	1

Client Sample ID: 44D2_5-6
Date Collected: 10/07/25 11:15
Date Received: 10/07/25 17:15

Lab Sample ID: 460-336648-48
Matrix: Solid
Percent Solids: 96.5

Method: SW846 8260D - Volatile Organic Compounds by GC/MS (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,2-Dibromo-3-Chloropropane	0.00093	U	0.00093	0.00043	mg/Kg	☼	10/10/25 10:41	10/11/25 01:05	1
1,2-Dichlorobenzene	0.00093	U	0.00093	0.00034	mg/Kg	☼	10/10/25 10:41	10/11/25 01:05	1
1,2-Dichloroethane	0.00093	U	0.00093	0.00028	mg/Kg	☼	10/10/25 10:41	10/11/25 01:05	1
1,2-Dichloropropane	0.00093	U	0.00093	0.00039	mg/Kg	☼	10/10/25 10:41	10/11/25 01:05	1
1,3,5-Trimethylbenzene	0.00093	U	0.00093	0.00029	mg/Kg	☼	10/10/25 10:41	10/11/25 01:05	1
1,3-Dichlorobenzene	0.00093	U	0.00093	0.00034	mg/Kg	☼	10/10/25 10:41	10/11/25 01:05	1
1,4-Dichlorobenzene	0.00093	U	0.00093	0.00048	mg/Kg	☼	10/10/25 10:41	10/11/25 01:05	1
2-Butanone (MEK)	0.0046	U	0.0046	0.00034	mg/Kg	☼	10/10/25 10:41	10/11/25 01:05	1
2-Hexanone	0.0046	U *	0.0046	0.0016	mg/Kg	☼	10/10/25 10:41	10/11/25 01:05	1
4-Methyl-2-pentanone (MIBK)	0.0046	U *	0.0046	0.0014	mg/Kg	☼	10/10/25 10:41	10/11/25 01:05	1
Acetone	**0.041**		0.0056	0.0053	mg/Kg	☼	10/10/25 10:41	10/11/25 01:05	1
Benzene	0.00093	U	0.00093	0.00053	mg/Kg	☼	10/10/25 10:41	10/11/25 01:05	1
Bromoform	0.00093	U	0.00093	0.00040	mg/Kg	☼	10/10/25 10:41	10/11/25 01:05	1
Bromomethane	0.0019	U	0.0019	0.00093	mg/Kg	☼	10/10/25 10:41	10/11/25 01:05	1
Carbon disulfide	0.00093	U	0.00093	0.00025	mg/Kg	☼	10/10/25 10:41	10/11/25 01:05	1
Carbon tetrachloride	0.00093	U	0.00093	0.00036	mg/Kg	☼	10/10/25 10:41	10/11/25 01:05	1
Chlorobenzene	0.00093	U	0.00093	0.00047	mg/Kg	☼	10/10/25 10:41	10/11/25 01:05	1
Chlorobromomethane	0.00093	U	0.00093	0.00055	mg/Kg	☼	10/10/25 10:41	10/11/25 01:05	1
Chlorodibromomethane	0.00093	U	0.00093	0.00050	mg/Kg	☼	10/10/25 10:41	10/11/25 01:05	1
Chloroethane	0.00093	U	0.00093	0.00049	mg/Kg	☼	10/10/25 10:41	10/11/25 01:05	1
Chloroform	0.00093	U	0.00093	0.00090	mg/Kg	☼	10/10/25 10:41	10/11/25 01:05	1
Chloromethane	0.00093	U	0.00093	0.00040	mg/Kg	☼	10/10/25 10:41	10/11/25 01:05	1
cis-1,2-Dichloroethene	0.00093	U	0.00093	0.00033	mg/Kg	☼	10/10/25 10:41	10/11/25 01:05	1
cis-1,3-Dichloropropene	0.00093	U	0.00093	0.00025	mg/Kg	☼	10/10/25 10:41	10/11/25 01:05	1
Cyclohexane	0.00093	U	0.00093	0.00021	mg/Kg	☼	10/10/25 10:41	10/11/25 01:05	1
Dichlorobromomethane	0.00093	U	0.00093	0.00024	mg/Kg	☼	10/10/25 10:41	10/11/25 01:05	1
Dichlorodifluoromethane	0.00093	U *	0.00093	0.00031	mg/Kg	☼	10/10/25 10:41	10/11/25 01:05	1
Ethylbenzene	0.00093	U	0.00093	0.00044	mg/Kg	☼	10/10/25 10:41	10/11/25 01:05	1
Ethylene Dibromide	0.00093	U	0.00093	0.00047	mg/Kg	☼	10/10/25 10:41	10/11/25 01:05	1
Isopropylbenzene	0.00093	U	0.00093	0.00026	mg/Kg	☼	10/10/25 10:41	10/11/25 01:05	1
Methyl acetate	0.0046	U	0.0046	0.0040	mg/Kg	☼	10/10/25 10:41	10/11/25 01:05	1
Methyl tert-butyl ether	0.00093	U	0.00093	0.00048	mg/Kg	☼	10/10/25 10:41	10/11/25 01:05	1
Methylcyclohexane	0.00093	U	0.00093	0.00046	mg/Kg	☼	10/10/25 10:41	10/11/25 01:05	1
Methylene Chloride	0.0019	U	0.0019	0.0011	mg/Kg	☼	10/10/25 10:41	10/11/25 01:05	1
m-Xylene & p-Xylene	0.00093	U	0.00093	0.00039	mg/Kg	☼	10/10/25 10:41	10/11/25 01:05	1
n-Butylbenzene	0.00093	U	0.00093	0.00027	mg/Kg	☼	10/10/25 10:41	10/11/25 01:05	1
N-Propylbenzene	0.00093	U	0.00093	0.00042	mg/Kg	☼	10/10/25 10:41	10/11/25 01:05	1
o-Xylene	0.00093	U	0.00093	0.00043	mg/Kg	☼	10/10/25 10:41	10/11/25 01:05	1
sec-Butylbenzene	0.00093	U	0.00093	0.00027	mg/Kg	☼	10/10/25 10:41	10/11/25 01:05	1
Styrene	0.00093	U	0.00093	0.00026	mg/Kg	☼	10/10/25 10:41	10/11/25 01:05	1
tert-Butylbenzene	0.00093	U	0.00093	0.00026	mg/Kg	☼	10/10/25 10:41	10/11/25 01:05	1
Tetrachloroethene	0.00093	U	0.00093	0.00028	mg/Kg	☼	10/10/25 10:41	10/11/25 01:05	1
Toluene	0.00093	U	0.00093	0.00022	mg/Kg	☼	10/10/25 10:41	10/11/25 01:05	1
trans-1,2-Dichloroethene	0.00093	U	0.00093	0.00023	mg/Kg	☼	10/10/25 10:41	10/11/25 01:05	1
trans-1,3-Dichloropropene	0.00093	U	0.00093	0.00025	mg/Kg	☼	10/10/25 10:41	10/11/25 01:05	1
Trichloroethene	0.00093	U	0.00093	0.00030	mg/Kg	☼	10/10/25 10:41	10/11/25 01:05	1
Trichlorofluoromethane	0.00093	U	0.00093	0.00038	mg/Kg	☼	10/10/25 10:41	10/11/25 01:05	1
Vinyl chloride	0.00093	U	0.00093	0.00051	mg/Kg	☼	10/10/25 10:41	10/11/25 01:05	1
Xylenes, Total	0.0019	U	0.0019	0.00016	mg/Kg	☼	10/10/25 10:41	10/11/25 01:05	1

Client Sample ID: 44D2_5-6

Lab Sample ID: 460-336648-48

Date Collected: 10/07/25 11:15

Matrix: Solid

Date Received: 10/07/25 17:15

Percent Solids: 96.5

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,2-Dichloroethane-d4 (Surr)	*116*		*65 - 138*	*10/10/25 10:41*	*10/11/25 01:05*	*1*
4-Bromofluorobenzene	*101*		*71 - 128*	*10/10/25 10:41*	*10/11/25 01:05*	*1*
Dibromofluoromethane (Surr)	*121*		*50 - 150*	*10/10/25 10:41*	*10/11/25 01:05*	*1*
Toluene-d8 (Surr)	*93*		*71 - 126*	*10/10/25 10:41*	*10/11/25 01:05*	*1*

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Percent Moisture (EPA Moisture)	**3.5**		1.0	1.0	%			10/12/25 15:03	1
Percent Solids (EPA Moisture)	**96.5**		1.0	1.0	%			10/12/25 15:03	1

Client Sample ID: 44D3_6-7

Lab Sample ID: 460-336648-49

Date Collected: 10/07/25 11:20

Matrix: Solid

Date Received: 10/07/25 17:15

Percent Solids: 95.4

Method: SW846 8260D - Volatile Organic Compounds by GC/MS

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1-Trichloroethane	0.00093	U	0.00093	0.00022	mg/Kg	☼	10/10/25 10:41	10/11/25 01:28	1
1,1,2,2-Tetrachloroethane	0.00093	U	0.00093	0.00048	mg/Kg	☼	10/10/25 10:41	10/11/25 01:28	1
1,1,2-Trichloro-1,2,2-trifluoroethane	0.00093	U	0.00093	0.00028	mg/Kg	☼	10/10/25 10:41	10/11/25 01:28	1
1,1,2-Trichloroethane	0.00093	U	0.00093	0.00056	mg/Kg	☼	10/10/25 10:41	10/11/25 01:28	1
1,1-Dichloroethane	0.00093	U	0.00093	0.00055	mg/Kg	☼	10/10/25 10:41	10/11/25 01:28	1
1,1-Dichloroethene	0.00093	U	0.00093	0.00021	mg/Kg	☼	10/10/25 10:41	10/11/25 01:28	1
1,2,3-Trichlorobenzene	0.00093	U	0.00093	0.00068	mg/Kg	☼	10/10/25 10:41	10/11/25 01:28	1
1,2,4-Trichlorobenzene	0.00093	U	0.00093	0.00033	mg/Kg	☼	10/10/25 10:41	10/11/25 01:28	1
1,2,4-Trimethylbenzene	0.00093	U	0.00093	0.00023	mg/Kg	☼	10/10/25 10:41	10/11/25 01:28	1
1,2-Dibromo-3-Chloropropane	0.00093	U	0.00093	0.00043	mg/Kg	☼	10/10/25 10:41	10/11/25 01:28	1
1,2-Dichlorobenzene	0.00093	U	0.00093	0.00033	mg/Kg	☼	10/10/25 10:41	10/11/25 01:28	1
1,2-Dichloroethane	0.00093	U	0.00093	0.00027	mg/Kg	☼	10/10/25 10:41	10/11/25 01:28	1
1,2-Dichloropropane	0.00093	U	0.00093	0.00039	mg/Kg	☼	10/10/25 10:41	10/11/25 01:28	1
1,3,5-Trimethylbenzene	0.00093	U	0.00093	0.00029	mg/Kg	☼	10/10/25 10:41	10/11/25 01:28	1
1,3-Dichlorobenzene	0.00093	U	0.00093	0.00034	mg/Kg	☼	10/10/25 10:41	10/11/25 01:28	1
1,4-Dichlorobenzene	0.00093	U	0.00093	0.00048	mg/Kg	☼	10/10/25 10:41	10/11/25 01:28	1
2-Butanone (MEK)	0.0046	U	0.0046	0.00034	mg/Kg	☼	10/10/25 10:41	10/11/25 01:28	1
2-Hexanone	0.0046	U *	0.0046	0.0016	mg/Kg	☼	10/10/25 10:41	10/11/25 01:28	1
4-Methyl-2-pentanone (MIBK)	0.0046	U *	0.0046	0.0014	mg/Kg	☼	10/10/25 10:41	10/11/25 01:28	1
Acetone	**0.16**		0.0056	0.0053	mg/Kg	☼	10/10/25 10:41	10/11/25 01:28	1
Benzene	0.00093	U	0.00093	0.00053	mg/Kg	☼	10/10/25 10:41	10/11/25 01:28	1
Bromoform	0.00093	U	0.00093	0.00039	mg/Kg	☼	10/10/25 10:41	10/11/25 01:28	1
Bromomethane	0.0019	U	0.0019	0.00093	mg/Kg	☼	10/10/25 10:41	10/11/25 01:28	1
Carbon disulfide	0.00093	U	0.00093	0.00025	mg/Kg	☼	10/10/25 10:41	10/11/25 01:28	1
Carbon tetrachloride	0.00093	U	0.00093	0.00036	mg/Kg	☼	10/10/25 10:41	10/11/25 01:28	1
Chlorobenzene	0.00093	U	0.00093	0.00047	mg/Kg	☼	10/10/25 10:41	10/11/25 01:28	1
Chlorobromomethane	0.00093	U	0.00093	0.00055	mg/Kg	☼	10/10/25 10:41	10/11/25 01:28	1
Chlorodibromomethane	0.00093	U	0.00093	0.00050	mg/Kg	☼	10/10/25 10:41	10/11/25 01:28	1
Chloroethane	0.00093	U	0.00093	0.00048	mg/Kg	☼	10/10/25 10:41	10/11/25 01:28	1
Chloroform	0.00093	U	0.00093	0.00090	mg/Kg	☼	10/10/25 10:41	10/11/25 01:28	1
Chloromethane	0.00093	U	0.00093	0.00040	mg/Kg	☼	10/10/25 10:41	10/11/25 01:28	1
cis-1,2-Dichloroethene	0.00093	U	0.00093	0.00033	mg/Kg	☼	10/10/25 10:41	10/11/25 01:28	1
cis-1,3-Dichloropropene	0.00093	U	0.00093	0.00025	mg/Kg	☼	10/10/25 10:41	10/11/25 01:28	1
Cyclohexane	0.00093	U	0.00093	0.00021	mg/Kg	☼	10/10/25 10:41	10/11/25 01:28	1
Dichlorobromomethane	0.00093	U	0.00093	0.00024	mg/Kg	☼	10/10/25 10:41	10/11/25 01:28	1

Client Sample ID: 44D3_6-7

Lab Sample ID: 460-336648-49

Date Collected: 10/07/25 11:20
Matrix: Solid
Date Received: 10/07/25 17:15
Percent Solids: 95.4

Method: SW846 8260D - Volatile Organic Compounds by GC/MS (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Dichlorodifluoromethane	0.00093	U *	0.00093	0.00031	mg/Kg	☼	10/10/25 10:41	10/11/25 01:28	1
Ethylbenzene	0.00093	U	0.00093	0.00043	mg/Kg	☼	10/10/25 10:41	10/11/25 01:28	1
Ethylene Dibromide	0.00093	U	0.00093	0.00047	mg/Kg	☼	10/10/25 10:41	10/11/25 01:28	1
Isopropylbenzene	0.00093	U	0.00093	0.00026	mg/Kg	☼	10/10/25 10:41	10/11/25 01:28	1
Methyl acetate	0.0046	U	0.0046	0.0040	mg/Kg	☼	10/10/25 10:41	10/11/25 01:28	1
Methyl tert-butyl ether	0.00093	U	0.00093	0.00048	mg/Kg	☼	10/10/25 10:41	10/11/25 01:28	1
Methylcyclohexane	0.00093	U	0.00093	0.00046	mg/Kg	☼	10/10/25 10:41	10/11/25 01:28	1
Methylene Chloride	0.0019	U	0.0019	0.0011	mg/Kg	☼	10/10/25 10:41	10/11/25 01:28	1
m-Xylene & p-Xylene	0.00093	U	0.00093	0.00039	mg/Kg	☼	10/10/25 10:41	10/11/25 01:28	1
n-Butylbenzene	0.00093	U	0.00093	0.00027	mg/Kg	☼	10/10/25 10:41	10/11/25 01:28	1
N-Propylbenzene	0.00093	U	0.00093	0.00042	mg/Kg	☼	10/10/25 10:41	10/11/25 01:28	1
o-Xylene	0.00093	U	0.00093	0.00043	mg/Kg	☼	10/10/25 10:41	10/11/25 01:28	1
sec-Butylbenzene	0.00093	U	0.00093	0.00027	mg/Kg	☼	10/10/25 10:41	10/11/25 01:28	1
Styrene	0.00093	U	0.00093	0.00026	mg/Kg	☼	10/10/25 10:41	10/11/25 01:28	1
tert-Butylbenzene	0.00093	U	0.00093	0.00026	mg/Kg	☼	10/10/25 10:41	10/11/25 01:28	1
Tetrachloroethene	0.00093	U	0.00093	0.00028	mg/Kg	☼	10/10/25 10:41	10/11/25 01:28	1
Toluene	0.00093	U	0.00093	0.00022	mg/Kg	☼	10/10/25 10:41	10/11/25 01:28	1
trans-1,2-Dichloroethene	0.00093	U	0.00093	0.00023	mg/Kg	☼	10/10/25 10:41	10/11/25 01:28	1
trans-1,3-Dichloropropene	0.00093	U	0.00093	0.00025	mg/Kg	☼	10/10/25 10:41	10/11/25 01:28	1
Trichloroethene	0.00093	U	0.00093	0.00030	mg/Kg	☼	10/10/25 10:41	10/11/25 01:28	1
Trichlorofluoromethane	0.00093	U	0.00093	0.00038	mg/Kg	☼	10/10/25 10:41	10/11/25 01:28	1
Vinyl chloride	0.00093	U	0.00093	0.00051	mg/Kg	☼	10/10/25 10:41	10/11/25 01:28	1
Xylenes, Total	0.0019	U	0.0019	0.00016	mg/Kg	☼	10/10/25 10:41	10/11/25 01:28	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,2-Dichloroethane-d4 (Surr)	*110*		*65 - 138*	*10/10/25 10:41*	*10/11/25 01:28*	*1*
4-Bromofluorobenzene	*101*		*71 - 128*	*10/10/25 10:41*	*10/11/25 01:28*	*1*
Dibromofluoromethane (Surr)	*115*		*50 - 150*	*10/10/25 10:41*	*10/11/25 01:28*	*1*
Toluene-d8 (Surr)	*94*		*71 - 126*	*10/10/25 10:41*	*10/11/25 01:28*	*1*

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Percent Moisture (EPA Moisture)	**4.6**		1.0	1.0	%			10/12/25 15:03	1
Percent Solids (EPA Moisture)	**95.4**		1.0	1.0	%			10/12/25 15:03	1

Client Sample ID: 44D2_7-8

Lab Sample ID: 460-336648-50

Date Collected: 10/07/25 11:25
Matrix: Solid
Date Received: 10/07/25 17:15
Percent Solids: 97.5

Method: SW846 8260D - Volatile Organic Compounds by GC/MS

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1-Trichloroethane	0.0010	U	0.0010	0.00024	mg/Kg	☼	10/10/25 10:41	10/11/25 01:51	1
1,1,2,2-Tetrachloroethane	0.0010	U	0.0010	0.00054	mg/Kg	☼	10/10/25 10:41	10/11/25 01:51	1
1,1,2-Trichloro-1,2,2-trifluoroethane	0.0010	U	0.0010	0.00031	mg/Kg	☼	10/10/25 10:41	10/11/25 01:51	1
1,1,2-Trichloroethane	0.0010	U	0.0010	0.00062	mg/Kg	☼	10/10/25 10:41	10/11/25 01:51	1
1,1-Dichloroethane	0.0010	U	0.0010	0.00061	mg/Kg	☼	10/10/25 10:41	10/11/25 01:51	1
1,1-Dichloroethene	0.0010	U	0.0010	0.00023	mg/Kg	☼	10/10/25 10:41	10/11/25 01:51	1
1,2,3-Trichlorobenzene	0.0010	U	0.0010	0.00076	mg/Kg	☼	10/10/25 10:41	10/11/25 01:51	1
1,2,4-Trichlorobenzene	0.0010	U	0.0010	0.00037	mg/Kg	☼	10/10/25 10:41	10/11/25 01:51	1
1,2,4-Trimethylbenzene	0.0010	U	0.0010	0.00025	mg/Kg	☼	10/10/25 10:41	10/11/25 01:51	1

Client: Haley & Aldrich, Inc.
Project/Site: Former Port Mobil

Job ID: 460-336648-1

Client Sample ID: 44D2_7-8
Date Collected: 10/07/25 11:25
Date Received: 10/07/25 17:15

Lab Sample ID: 460-336648-50
Matrix: Solid
Percent Solids: 97.5

Method: SW846 8260D - Volatile Organic Compounds by GC/MS (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,2-Dibromo-3-Chloropropane	0.0010	U	0.0010	0.00047	mg/Kg	☼	10/10/25 10:41	10/11/25 01:51	1
1,2-Dichlorobenzene	0.0010	U	0.0010	0.00037	mg/Kg	☼	10/10/25 10:41	10/11/25 01:51	1
1,2-Dichloroethane	0.0010	U	0.0010	0.00030	mg/Kg	☼	10/10/25 10:41	10/11/25 01:51	1
1,2-Dichloropropane	0.0010	U	0.0010	0.00043	mg/Kg	☼	10/10/25 10:41	10/11/25 01:51	1
1,3,5-Trimethylbenzene	0.0010	U	0.0010	0.00032	mg/Kg	☼	10/10/25 10:41	10/11/25 01:51	1
1,3-Dichlorobenzene	0.0010	U	0.0010	0.00037	mg/Kg	☼	10/10/25 10:41	10/11/25 01:51	1
1,4-Dichlorobenzene	0.0010	U	0.0010	0.00053	mg/Kg	☼	10/10/25 10:41	10/11/25 01:51	1
2-Butanone (MEK)	0.0051	U	0.0051	0.00038	mg/Kg	☼	10/10/25 10:41	10/11/25 01:51	1
2-Hexanone	0.0051	U *	0.0051	0.0018	mg/Kg	☼	10/10/25 10:41	10/11/25 01:51	1
4-Methyl-2-pentanone (MIBK)	0.0051	U *	0.0051	0.0016	mg/Kg	☼	10/10/25 10:41	10/11/25 01:51	1
Acetone	**0.090**		0.0062	0.0059	mg/Kg	☼	10/10/25 10:41	10/11/25 01:51	1
Benzene	0.0010	U	0.0010	0.00058	mg/Kg	☼	10/10/25 10:41	10/11/25 01:51	1
Bromoform	0.0010	U	0.0010	0.00044	mg/Kg	☼	10/10/25 10:41	10/11/25 01:51	1
Bromomethane	0.0021	U	0.0021	0.0010	mg/Kg	☼	10/10/25 10:41	10/11/25 01:51	1
Carbon disulfide	0.0010	U	0.0010	0.00027	mg/Kg	☼	10/10/25 10:41	10/11/25 01:51	1
Carbon tetrachloride	0.0010	U	0.0010	0.00040	mg/Kg	☼	10/10/25 10:41	10/11/25 01:51	1
Chlorobenzene	0.0010	U	0.0010	0.00052	mg/Kg	☼	10/10/25 10:41	10/11/25 01:51	1
Chlorobromomethane	0.0010	U	0.0010	0.00061	mg/Kg	☼	10/10/25 10:41	10/11/25 01:51	1
Chlorodibromomethane	0.0010	U	0.0010	0.00055	mg/Kg	☼	10/10/25 10:41	10/11/25 01:51	1
Chloroethane	0.0010	U	0.0010	0.00054	mg/Kg	☼	10/10/25 10:41	10/11/25 01:51	1
Chloroform	0.0010	U	0.0010	0.0010	mg/Kg	☼	10/10/25 10:41	10/11/25 01:51	1
Chloromethane	0.0010	U	0.0010	0.00045	mg/Kg	☼	10/10/25 10:41	10/11/25 01:51	1
cis-1,2-Dichloroethene	0.0010	U	0.0010	0.00037	mg/Kg	☼	10/10/25 10:41	10/11/25 01:51	1
cis-1,3-Dichloropropene	0.0010	U	0.0010	0.00028	mg/Kg	☼	10/10/25 10:41	10/11/25 01:51	1
Cyclohexane	0.0010	U	0.0010	0.00023	mg/Kg	☼	10/10/25 10:41	10/11/25 01:51	1
Dichlorobromomethane	0.0010	U	0.0010	0.00026	mg/Kg	☼	10/10/25 10:41	10/11/25 01:51	1
Dichlorodifluoromethane	0.0010	U *	0.0010	0.00035	mg/Kg	☼	10/10/25 10:41	10/11/25 01:51	1
Ethylbenzene	0.0010	U	0.0010	0.00048	mg/Kg	☼	10/10/25 10:41	10/11/25 01:51	1
Ethylene Dibromide	0.0010	U	0.0010	0.00052	mg/Kg	☼	10/10/25 10:41	10/11/25 01:51	1
Isopropylbenzene	0.0010	U	0.0010	0.00029	mg/Kg	☼	10/10/25 10:41	10/11/25 01:51	1
Methyl acetate	0.0051	U	0.0051	0.0044	mg/Kg	☼	10/10/25 10:41	10/11/25 01:51	1
Methyl tert-butyl ether	0.0010	U	0.0010	0.00053	mg/Kg	☼	10/10/25 10:41	10/11/25 01:51	1
Methylcyclohexane	0.0010	U	0.0010	0.00051	mg/Kg	☼	10/10/25 10:41	10/11/25 01:51	1
Methylene Chloride	0.0021	U	0.0021	0.0012	mg/Kg	☼	10/10/25 10:41	10/11/25 01:51	1
m-Xylene & p-Xylene	0.0010	U	0.0010	0.00043	mg/Kg	☼	10/10/25 10:41	10/11/25 01:51	1
n-Butylbenzene	0.0010	U	0.0010	0.00030	mg/Kg	☼	10/10/25 10:41	10/11/25 01:51	1
N-Propylbenzene	0.0010	U	0.0010	0.00046	mg/Kg	☼	10/10/25 10:41	10/11/25 01:51	1
o-Xylene	0.0010	U	0.0010	0.00047	mg/Kg	☼	10/10/25 10:41	10/11/25 01:51	1
sec-Butylbenzene	0.0010	U	0.0010	0.00030	mg/Kg	☼	10/10/25 10:41	10/11/25 01:51	1
Styrene	0.0010	U	0.0010	0.00029	mg/Kg	☼	10/10/25 10:41	10/11/25 01:51	1
tert-Butylbenzene	0.0010	U	0.0010	0.00028	mg/Kg	☼	10/10/25 10:41	10/11/25 01:51	1
Tetrachloroethene	0.0010	U	0.0010	0.00031	mg/Kg	☼	10/10/25 10:41	10/11/25 01:51	1
Toluene	0.0010	U	0.0010	0.00024	mg/Kg	☼	10/10/25 10:41	10/11/25 01:51	1
trans-1,2-Dichloroethene	0.0010	U	0.0010	0.00025	mg/Kg	☼	10/10/25 10:41	10/11/25 01:51	1
trans-1,3-Dichloropropene	0.0010	U	0.0010	0.00027	mg/Kg	☼	10/10/25 10:41	10/11/25 01:51	1
Trichloroethene	0.0010	U	0.0010	0.00033	mg/Kg	☼	10/10/25 10:41	10/11/25 01:51	1
Trichlorofluoromethane	0.0010	U	0.0010	0.00042	mg/Kg	☼	10/10/25 10:41	10/11/25 01:51	1
Vinyl chloride	0.0010	U	0.0010	0.00056	mg/Kg	☼	10/10/25 10:41	10/11/25 01:51	1
Xylenes, Total	0.0021	U	0.0021	0.00018	mg/Kg	☼	10/10/25 10:41	10/11/25 01:51	1

Client Sample ID: 44D2_7-8

Lab Sample ID: 460-336648-50

Date Collected: 10/07/25 11:25
Matrix: Solid
Date Received: 10/07/25 17:15
Percent Solids: 97.5

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,2-Dichloroethane-d4 (Surr)	*112*		*65 - 138*	*10/10/25 10:41*	*10/11/25 01:51*	*1*
4-Bromofluorobenzene	*102*		*71 - 128*	*10/10/25 10:41*	*10/11/25 01:51*	*1*
Dibromofluoromethane (Surr)	*118*		*50 - 150*	*10/10/25 10:41*	*10/11/25 01:51*	*1*
Toluene-d8 (Surr)	*93*		*71 - 126*	*10/10/25 10:41*	*10/11/25 01:51*	*1*

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Percent Moisture (EPA Moisture)	**2.5**		1.0	1.0	%			10/12/25 15:03	1
Percent Solids (EPA Moisture)	**97.5**		1.0	1.0	%			10/12/25 15:03	1

Client Sample ID: 44E1_1-2

Lab Sample ID: 460-336648-51

Date Collected: 10/07/25 11:30
Matrix: Solid
Date Received: 10/07/25 17:15
Percent Solids: 97.0

Method: SW846 8260D - Volatile Organic Compounds by GC/MS

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1-Trichloroethane	0.0011	U	0.0011	0.00025	mg/Kg	☼	10/10/25 10:41	10/11/25 02:14	1
1,1,2,2-Tetrachloroethane	0.0011	U	0.0011	0.00057	mg/Kg	☼	10/10/25 10:41	10/11/25 02:14	1
1,1,2-Trichloro-1,2,2-trifluoroethane	0.0011	U	0.0011	0.00033	mg/Kg	☼	10/10/25 10:41	10/11/25 02:14	1
1,1,2-Trichloroethane	0.0011	U	0.0011	0.00065	mg/Kg	☼	10/10/25 10:41	10/11/25 02:14	1
1,1-Dichloroethane	0.0011	U	0.0011	0.00065	mg/Kg	☼	10/10/25 10:41	10/11/25 02:14	1
1,1-Dichloroethene	0.0011	U	0.0011	0.00025	mg/Kg	☼	10/10/25 10:41	10/11/25 02:14	1
1,2,3-Trichlorobenzene	0.0011	U	0.0011	0.00080	mg/Kg	☼	10/10/25 10:41	10/11/25 02:14	1
1,2,4-Trichlorobenzene	0.0011	U	0.0011	0.00039	mg/Kg	☼	10/10/25 10:41	10/11/25 02:14	1
1,2,4-Trimethylbenzene	0.0011	U	0.0011	0.00027	mg/Kg	☼	10/10/25 10:41	10/11/25 02:14	1
1,2-Dibromo-3-Chloropropane	0.0011	U	0.0011	0.00050	mg/Kg	☼	10/10/25 10:41	10/11/25 02:14	1
1,2-Dichlorobenzene	0.0011	U	0.0011	0.00039	mg/Kg	☼	10/10/25 10:41	10/11/25 02:14	1
1,2-Dichloroethane	0.0011	U	0.0011	0.00032	mg/Kg	☼	10/10/25 10:41	10/11/25 02:14	1
1,2-Dichloropropane	0.0011	U	0.0011	0.00046	mg/Kg	☼	10/10/25 10:41	10/11/25 02:14	1
1,3,5-Trimethylbenzene	0.0011	U	0.0011	0.00034	mg/Kg	☼	10/10/25 10:41	10/11/25 02:14	1
1,3-Dichlorobenzene	0.0011	U	0.0011	0.00040	mg/Kg	☼	10/10/25 10:41	10/11/25 02:14	1
1,4-Dichlorobenzene	0.0011	U	0.0011	0.00057	mg/Kg	☼	10/10/25 10:41	10/11/25 02:14	1
2-Butanone (MEK)	0.0054	U	0.0054	0.00040	mg/Kg	☼	10/10/25 10:41	10/11/25 02:14	1
2-Hexanone	0.0054	U *	0.0054	0.0019	mg/Kg	☼	10/10/25 10:41	10/11/25 02:14	1
4-Methyl-2-pentanone (MIBK)	0.0054	U *	0.0054	0.0017	mg/Kg	☼	10/10/25 10:41	10/11/25 02:14	1
Acetone	0.0065	U	0.0065	0.0062	mg/Kg	☼	10/10/25 10:41	10/11/25 02:14	1
Benzene	0.0011	U	0.0011	0.00062	mg/Kg	☼	10/10/25 10:41	10/11/25 02:14	1
Bromoform	0.0011	U	0.0011	0.00046	mg/Kg	☼	10/10/25 10:41	10/11/25 02:14	1
Bromomethane	0.0022	U	0.0022	0.0011	mg/Kg	☼	10/10/25 10:41	10/11/25 02:14	1
Carbon disulfide	0.0011	U	0.0011	0.00029	mg/Kg	☼	10/10/25 10:41	10/11/25 02:14	1
Carbon tetrachloride	0.0011	U	0.0011	0.00042	mg/Kg	☼	10/10/25 10:41	10/11/25 02:14	1
Chlorobenzene	0.0011	U	0.0011	0.00055	mg/Kg	☼	10/10/25 10:41	10/11/25 02:14	1
Chlorobromomethane	0.0011	U	0.0011	0.00065	mg/Kg	☼	10/10/25 10:41	10/11/25 02:14	1
Chlorodibromomethane	0.0011	U	0.0011	0.00059	mg/Kg	☼	10/10/25 10:41	10/11/25 02:14	1
Chloroethane	0.0011	U	0.0011	0.00057	mg/Kg	☼	10/10/25 10:41	10/11/25 02:14	1
Chloroform	0.0011	U	0.0011	0.0011	mg/Kg	☼	10/10/25 10:41	10/11/25 02:14	1
Chloromethane	0.0011	U	0.0011	0.00047	mg/Kg	☼	10/10/25 10:41	10/11/25 02:14	1
cis-1,2-Dichloroethene	0.0011	U	0.0011	0.00039	mg/Kg	☼	10/10/25 10:41	10/11/25 02:14	1
cis-1,3-Dichloropropene	0.0011	U	0.0011	0.00030	mg/Kg	☼	10/10/25 10:41	10/11/25 02:14	1
Cyclohexane	0.0011	U	0.0011	0.00024	mg/Kg	☼	10/10/25 10:41	10/11/25 02:14	1
Dichlorobromomethane	0.0011	U	0.0011	0.00028	mg/Kg	☼	10/10/25 10:41	10/11/25 02:14	1

Client Sample ID: 44E1_1-2

Lab Sample ID: 460-336648-51

Date Collected: 10/07/25 11:30
Matrix: Solid
Date Received: 10/07/25 17:15
Percent Solids: 97.0

Method: SW846 8260D - Volatile Organic Compounds by GC/MS (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Dichlorodifluoromethane	0.0011	U *	0.0011	0.00037	mg/Kg	☼	10/10/25 10:41	10/11/25 02:14	1
Ethylbenzene	0.0011	U	0.0011	0.00051	mg/Kg	☼	10/10/25 10:41	10/11/25 02:14	1
Ethylene Dibromide	0.0011	U	0.0011	0.00055	mg/Kg	☼	10/10/25 10:41	10/11/25 02:14	1
Isopropylbenzene	0.0011	U	0.0011	0.00031	mg/Kg	☼	10/10/25 10:41	10/11/25 02:14	1
Methyl acetate	0.0054	U	0.0054	0.0047	mg/Kg	☼	10/10/25 10:41	10/11/25 02:14	1
Methyl tert-butyl ether	0.0011	U	0.0011	0.00056	mg/Kg	☼	10/10/25 10:41	10/11/25 02:14	1
Methylcyclohexane	0.0011	U	0.0011	0.00054	mg/Kg	☼	10/10/25 10:41	10/11/25 02:14	1
Methylene Chloride	0.0022	U	0.0022	0.0012	mg/Kg	☼	10/10/25 10:41	10/11/25 02:14	1
m-Xylene & p-Xylene	0.0011	U	0.0011	0.00046	mg/Kg	☼	10/10/25 10:41	10/11/25 02:14	1
n-Butylbenzene	0.0011	U	0.0011	0.00032	mg/Kg	☼	10/10/25 10:41	10/11/25 02:14	1
N-Propylbenzene	0.0011	U	0.0011	0.00049	mg/Kg	☼	10/10/25 10:41	10/11/25 02:14	1
o-Xylene	0.0011	U	0.0011	0.00050	mg/Kg	☼	10/10/25 10:41	10/11/25 02:14	1
sec-Butylbenzene	0.0011	U	0.0011	0.00031	mg/Kg	☼	10/10/25 10:41	10/11/25 02:14	1
Styrene	0.0011	U	0.0011	0.00030	mg/Kg	☼	10/10/25 10:41	10/11/25 02:14	1
tert-Butylbenzene	0.0011	U	0.0011	0.00030	mg/Kg	☼	10/10/25 10:41	10/11/25 02:14	1
Tetrachloroethene	0.0011	U	0.0011	0.00033	mg/Kg	☼	10/10/25 10:41	10/11/25 02:14	1
Toluene	**0.00050**	**J**	0.0011	0.00026	mg/Kg	☼	10/10/25 10:41	10/11/25 02:14	1
trans-1,2-Dichloroethene	0.0011	U	0.0011	0.00027	mg/Kg	☼	10/10/25 10:41	10/11/25 02:14	1
trans-1,3-Dichloropropene	0.0011	U	0.0011	0.00029	mg/Kg	☼	10/10/25 10:41	10/11/25 02:14	1
Trichloroethene	0.0011	U	0.0011	0.00035	mg/Kg	☼	10/10/25 10:41	10/11/25 02:14	1
Trichlorofluoromethane	0.0011	U	0.0011	0.00044	mg/Kg	☼	10/10/25 10:41	10/11/25 02:14	1
Vinyl chloride	0.0011	U	0.0011	0.00060	mg/Kg	☼	10/10/25 10:41	10/11/25 02:14	1
Xylenes, Total	0.0022	U	0.0022	0.00019	mg/Kg	☼	10/10/25 10:41	10/11/25 02:14	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,2-Dichloroethane-d4 (Surr)	*112*		*65 - 138*	*10/10/25 10:41*	*10/11/25 02:14*	*1*
4-Bromofluorobenzene	*100*		*71 - 128*	*10/10/25 10:41*	*10/11/25 02:14*	*1*
Dibromofluoromethane (Surr)	*117*		*50 - 150*	*10/10/25 10:41*	*10/11/25 02:14*	*1*
Toluene-d8 (Surr)	*94*		*71 - 126*	*10/10/25 10:41*	*10/11/25 02:14*	*1*

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Percent Moisture (EPA Moisture)	**3.0**		1.0	1.0	%			10/12/25 15:03	1
Percent Solids (EPA Moisture)	**97.0**		1.0	1.0	%			10/12/25 15:03	1

Client Sample ID: 44E2_2-3

Lab Sample ID: 460-336648-52

Date Collected: 10/07/25 11:35
Matrix: Solid
Date Received: 10/07/25 17:15
Percent Solids: 98.5

Method: SW846 8260D - Volatile Organic Compounds by GC/MS

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1-Trichloroethane	0.00096	U	0.00096	0.00022	mg/Kg	☼	10/10/25 10:42	10/11/25 02:37	1
1,1,2,2-Tetrachloroethane	0.00096	U	0.00096	0.00050	mg/Kg	☼	10/10/25 10:42	10/11/25 02:37	1
1,1,2-Trichloro-1,2,2-trifluoroethane	0.00096	U	0.00096	0.00029	mg/Kg	☼	10/10/25 10:42	10/11/25 02:37	1
1,1,2-Trichloroethane	0.00096	U	0.00096	0.00057	mg/Kg	☼	10/10/25 10:42	10/11/25 02:37	1
1,1-Dichloroethane	0.00096	U	0.00096	0.00057	mg/Kg	☼	10/10/25 10:42	10/11/25 02:37	1
1,1-Dichloroethene	0.00096	U	0.00096	0.00022	mg/Kg	☼	10/10/25 10:42	10/11/25 02:37	1
1,2,3-Trichlorobenzene	0.00096	U	0.00096	0.00071	mg/Kg	☼	10/10/25 10:42	10/11/25 02:37	1
1,2,4-Trichlorobenzene	0.00096	U	0.00096	0.00034	mg/Kg	☼	10/10/25 10:42	10/11/25 02:37	1
1,2,4-Trimethylbenzene	0.00096	U	0.00096	0.00024	mg/Kg	☼	10/10/25 10:42	10/11/25 02:37	1

Client Sample ID: 44E2_2-3
Date Collected: 10/07/25 11:35
Date Received: 10/07/25 17:15

Lab Sample ID: 460-336648-52
Matrix: Solid
Percent Solids: 98.5

Method: SW846 8260D - Volatile Organic Compounds by GC/MS (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,2-Dibromo-3-Chloropropane	0.00096	U	0.00096	0.00044	mg/Kg	☼	10/10/25 10:42	10/11/25 02:37	1
1,2-Dichlorobenzene	0.00096	U	0.00096	0.00035	mg/Kg	☼	10/10/25 10:42	10/11/25 02:37	1
1,2-Dichloroethane	0.00096	U	0.00096	0.00028	mg/Kg	☼	10/10/25 10:42	10/11/25 02:37	1
1,2-Dichloropropane	0.00096	U	0.00096	0.00040	mg/Kg	☼	10/10/25 10:42	10/11/25 02:37	1
1,3,5-Trimethylbenzene	0.00096	U	0.00096	0.00030	mg/Kg	☼	10/10/25 10:42	10/11/25 02:37	1
1,3-Dichlorobenzene	0.00096	U	0.00096	0.00035	mg/Kg	☼	10/10/25 10:42	10/11/25 02:37	1
1,4-Dichlorobenzene	0.00096	U	0.00096	0.00050	mg/Kg	☼	10/10/25 10:42	10/11/25 02:37	1
2-Butanone (MEK)	0.0048	U	0.0048	0.00035	mg/Kg	☼	10/10/25 10:42	10/11/25 02:37	1
2-Hexanone	0.0048	U *	0.0048	0.0016	mg/Kg	☼	10/10/25 10:42	10/11/25 02:37	1
4-Methyl-2-pentanone (MIBK)	0.0048	U *	0.0048	0.0015	mg/Kg	☼	10/10/25 10:42	10/11/25 02:37	1
Acetone	0.0057	U	0.0057	0.0055	mg/Kg	☼	10/10/25 10:42	10/11/25 02:37	1
Benzene	0.00096	U	0.00096	0.00054	mg/Kg	☼	10/10/25 10:42	10/11/25 02:37	1
Bromoform	0.00096	U	0.00096	0.00041	mg/Kg	☼	10/10/25 10:42	10/11/25 02:37	1
Bromomethane	0.0019	U	0.0019	0.00096	mg/Kg	☼	10/10/25 10:42	10/11/25 02:37	1
Carbon disulfide	0.00096	U	0.00096	0.00025	mg/Kg	☼	10/10/25 10:42	10/11/25 02:37	1
Carbon tetrachloride	0.00096	U	0.00096	0.00037	mg/Kg	☼	10/10/25 10:42	10/11/25 02:37	1
Chlorobenzene	0.00096	U	0.00096	0.00048	mg/Kg	☼	10/10/25 10:42	10/11/25 02:37	1
Chlorobromomethane	0.00096	U	0.00096	0.00057	mg/Kg	☼	10/10/25 10:42	10/11/25 02:37	1
Chlorodibromomethane	0.00096	U	0.00096	0.00051	mg/Kg	☼	10/10/25 10:42	10/11/25 02:37	1
Chloroethane	0.00096	U	0.00096	0.00050	mg/Kg	☼	10/10/25 10:42	10/11/25 02:37	1
Chloroform	0.00096	U	0.00096	0.00093	mg/Kg	☼	10/10/25 10:42	10/11/25 02:37	1
Chloromethane	0.00096	U	0.00096	0.00042	mg/Kg	☼	10/10/25 10:42	10/11/25 02:37	1
cis-1,2-Dichloroethene	0.00096	U	0.00096	0.00034	mg/Kg	☼	10/10/25 10:42	10/11/25 02:37	1
cis-1,3-Dichloropropene	0.00096	U	0.00096	0.00026	mg/Kg	☼	10/10/25 10:42	10/11/25 02:37	1
Cyclohexane	0.00096	U	0.00096	0.00021	mg/Kg	☼	10/10/25 10:42	10/11/25 02:37	1
Dichlorobromomethane	0.00096	U	0.00096	0.00025	mg/Kg	☼	10/10/25 10:42	10/11/25 02:37	1
Dichlorodifluoromethane	0.00096	U *	0.00096	0.00032	mg/Kg	☼	10/10/25 10:42	10/11/25 02:37	1
Ethylbenzene	0.00096	U	0.00096	0.00045	mg/Kg	☼	10/10/25 10:42	10/11/25 02:37	1
Ethylene Dibromide	0.00096	U	0.00096	0.00048	mg/Kg	☼	10/10/25 10:42	10/11/25 02:37	1
Isopropylbenzene	0.00096	U	0.00096	0.00027	mg/Kg	☼	10/10/25 10:42	10/11/25 02:37	1
Methyl acetate	0.0048	U	0.0048	0.0041	mg/Kg	☼	10/10/25 10:42	10/11/25 02:37	1
Methyl tert-butyl ether	0.00096	U	0.00096	0.00049	mg/Kg	☼	10/10/25 10:42	10/11/25 02:37	1
Methylcyclohexane	0.00096	U	0.00096	0.00048	mg/Kg	☼	10/10/25 10:42	10/11/25 02:37	1
Methylene Chloride	0.0019	U	0.0019	0.0011	mg/Kg	☼	10/10/25 10:42	10/11/25 02:37	1
m-Xylene & p-Xylene	0.00096	U	0.00096	0.00040	mg/Kg	☼	10/10/25 10:42	10/11/25 02:37	1
n-Butylbenzene	0.00096	U	0.00096	0.00028	mg/Kg	☼	10/10/25 10:42	10/11/25 02:37	1
N-Propylbenzene	0.00096	U	0.00096	0.00043	mg/Kg	☼	10/10/25 10:42	10/11/25 02:37	1
o-Xylene	0.00096	U	0.00096	0.00044	mg/Kg	☼	10/10/25 10:42	10/11/25 02:37	1
sec-Butylbenzene	0.00096	U	0.00096	0.00028	mg/Kg	☼	10/10/25 10:42	10/11/25 02:37	1
Styrene	0.00096	U	0.00096	0.00027	mg/Kg	☼	10/10/25 10:42	10/11/25 02:37	1
tert-Butylbenzene	0.00096	U	0.00096	0.00026	mg/Kg	☼	10/10/25 10:42	10/11/25 02:37	1
Tetrachloroethene	0.00096	U	0.00096	0.00029	mg/Kg	☼	10/10/25 10:42	10/11/25 02:37	1
Toluene	**0.00041**	**J**	0.00096	0.00022	mg/Kg	☼	10/10/25 10:42	10/11/25 02:37	1
trans-1,2-Dichloroethene	0.00096	U	0.00096	0.00024	mg/Kg	☼	10/10/25 10:42	10/11/25 02:37	1
trans-1,3-Dichloropropene	0.00096	U	0.00096	0.00025	mg/Kg	☼	10/10/25 10:42	10/11/25 02:37	1
Trichloroethene	0.00096	U	0.00096	0.00031	mg/Kg	☼	10/10/25 10:42	10/11/25 02:37	1
Trichlorofluoromethane	0.00096	U	0.00096	0.00039	mg/Kg	☼	10/10/25 10:42	10/11/25 02:37	1
Vinyl chloride	0.00096	U	0.00096	0.00052	mg/Kg	☼	10/10/25 10:42	10/11/25 02:37	1
Xylenes, Total	0.0019	U	0.0019	0.00017	mg/Kg	☼	10/10/25 10:42	10/11/25 02:37	1

Client Sample ID: 44E2_2-3

Date Collected: 10/07/25 11:35
Date Received: 10/07/25 17:15

Lab Sample ID: 460-336648-52

Matrix: Solid
Percent Solids: 98.5

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,2-Dichloroethane-d4 (Surr)	*113*		*65 - 138*	*10/10/25 10:42*	*10/11/25 02:37*	*1*
4-Bromofluorobenzene	*99*		*71 - 128*	*10/10/25 10:42*	*10/11/25 02:37*	*1*
Dibromofluoromethane (Surr)	*126*		*50 - 150*	*10/10/25 10:42*	*10/11/25 02:37*	*1*
Toluene-d8 (Surr)	*92*		*71 - 126*	*10/10/25 10:42*	*10/11/25 02:37*	*1*

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Percent Moisture (EPA Moisture)	**1.5**		1.0	1.0	%			10/12/25 15:03	1
Percent Solids (EPA Moisture)	**98.5**		1.0	1.0	%			10/12/25 15:03	1

Client Sample ID: 44E3_3-4

Date Collected: 10/07/25 11:40
Date Received: 10/07/25 17:15

Lab Sample ID: 460-336648-53

Matrix: Solid
Percent Solids: 98.9

Method: SW846 8260D - Volatile Organic Compounds by GC/MS

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1-Trichloroethane	0.0014	U	0.0014	0.00032	mg/Kg	☼	10/10/25 10:42	10/11/25 03:00	1
1,1,2,2-Tetrachloroethane	0.0014	U	0.0014	0.00072	mg/Kg	☼	10/10/25 10:42	10/11/25 03:00	1
1,1,2-Trichloro-1,2,2-trifluoroethane	0.0014	U	0.0014	0.00041	mg/Kg	☼	10/10/25 10:42	10/11/25 03:00	1
1,1,2-Trichloroethane	0.0014	U	0.0014	0.00083	mg/Kg	☼	10/10/25 10:42	10/11/25 03:00	1
1,1-Dichloroethane	0.0014	U	0.0014	0.00082	mg/Kg	☼	10/10/25 10:42	10/11/25 03:00	1
1,1-Dichloroethene	0.0014	U	0.0014	0.00031	mg/Kg	☼	10/10/25 10:42	10/11/25 03:00	1
1,2,3-Trichlorobenzene	0.0014	U	0.0014	0.0010	mg/Kg	☼	10/10/25 10:42	10/11/25 03:00	1
1,2,4-Trichlorobenzene	0.0014	U	0.0014	0.00049	mg/Kg	☼	10/10/25 10:42	10/11/25 03:00	1
1,2,4-Trimethylbenzene	0.0014	U	0.0014	0.00034	mg/Kg	☼	10/10/25 10:42	10/11/25 03:00	1
1,2-Dibromo-3-Chloropropane	0.0014	U	0.0014	0.00063	mg/Kg	☼	10/10/25 10:42	10/11/25 03:00	1
1,2-Dichlorobenzene	0.0014	U	0.0014	0.00050	mg/Kg	☼	10/10/25 10:42	10/11/25 03:00	1
1,2-Dichloroethane	0.0014	U	0.0014	0.00041	mg/Kg	☼	10/10/25 10:42	10/11/25 03:00	1
1,2-Dichloropropane	0.0014	U	0.0014	0.00058	mg/Kg	☼	10/10/25 10:42	10/11/25 03:00	1
1,3,5-Trimethylbenzene	0.0014	U	0.0014	0.00043	mg/Kg	☼	10/10/25 10:42	10/11/25 03:00	1
1,3-Dichlorobenzene	0.0014	U	0.0014	0.00050	mg/Kg	☼	10/10/25 10:42	10/11/25 03:00	1
1,4-Dichlorobenzene	0.0014	U	0.0014	0.00071	mg/Kg	☼	10/10/25 10:42	10/11/25 03:00	1
2-Butanone (MEK)	0.0069	U	0.0069	0.00051	mg/Kg	☼	10/10/25 10:42	10/11/25 03:00	1
2-Hexanone	0.0069	U *	0.0069	0.0024	mg/Kg	☼	10/10/25 10:42	10/11/25 03:00	1
4-Methyl-2-pentanone (MIBK)	0.0069	U *	0.0069	0.0021	mg/Kg	☼	10/10/25 10:42	10/11/25 03:00	1
Acetone	0.0083	U	0.0083	0.0079	mg/Kg	☼	10/10/25 10:42	10/11/25 03:00	1
Benzene	0.0014	U	0.0014	0.00078	mg/Kg	☼	10/10/25 10:42	10/11/25 03:00	1
Bromoform	0.0014	U	0.0014	0.00059	mg/Kg	☼	10/10/25 10:42	10/11/25 03:00	1
Bromomethane	0.0028	U	0.0028	0.0014	mg/Kg	☼	10/10/25 10:42	10/11/25 03:00	1
Carbon disulfide	0.0014	U	0.0014	0.00037	mg/Kg	☼	10/10/25 10:42	10/11/25 03:00	1
Carbon tetrachloride	0.0014	U	0.0014	0.00053	mg/Kg	☼	10/10/25 10:42	10/11/25 03:00	1
Chlorobenzene	0.0014	U	0.0014	0.00070	mg/Kg	☼	10/10/25 10:42	10/11/25 03:00	1
Chlorobromomethane	0.0014	U	0.0014	0.00082	mg/Kg	☼	10/10/25 10:42	10/11/25 03:00	1
Chlorodibromomethane	0.0014	U	0.0014	0.00074	mg/Kg	☼	10/10/25 10:42	10/11/25 03:00	1
Chloroethane	0.0014	U	0.0014	0.00072	mg/Kg	☼	10/10/25 10:42	10/11/25 03:00	1
Chloroform	0.0014	U	0.0014	0.0013	mg/Kg	☼	10/10/25 10:42	10/11/25 03:00	1
Chloromethane	0.0014	U	0.0014	0.00060	mg/Kg	☼	10/10/25 10:42	10/11/25 03:00	1
cis-1,2-Dichloroethene	0.0014	U	0.0014	0.00049	mg/Kg	☼	10/10/25 10:42	10/11/25 03:00	1
cis-1,3-Dichloropropene	0.0014	U	0.0014	0.00038	mg/Kg	☼	10/10/25 10:42	10/11/25 03:00	1
Cyclohexane	0.0014	U	0.0014	0.00030	mg/Kg	☼	10/10/25 10:42	10/11/25 03:00	1
Dichlorobromomethane	0.0014	U	0.0014	0.00035	mg/Kg	☼	10/10/25 10:42	10/11/25 03:00	1

Client Sample ID: 44E3_3-4

Lab Sample ID: 460-336648-53

Date Collected: 10/07/25 11:40
Matrix: Solid
Date Received: 10/07/25 17:15
Percent Solids: 98.9

Method: SW846 8260D - Volatile Organic Compounds by GC/MS (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Dichlorodifluoromethane	0.0014	U *	0.0014	0.00047	mg/Kg	☼	10/10/25 10:42	10/11/25 03:00	1
Ethylbenzene	0.0014	U	0.0014	0.00064	mg/Kg	☼	10/10/25 10:42	10/11/25 03:00	1
Ethylene Dibromide	0.0014	U	0.0014	0.00069	mg/Kg	☼	10/10/25 10:42	10/11/25 03:00	1
Isopropylbenzene	0.0014	U	0.0014	0.00039	mg/Kg	☼	10/10/25 10:42	10/11/25 03:00	1
Methyl acetate	0.0069	U	0.0069	0.0059	mg/Kg	☼	10/10/25 10:42	10/11/25 03:00	1
Methyl tert-butyl ether	0.0014	U	0.0014	0.00071	mg/Kg	☼	10/10/25 10:42	10/11/25 03:00	1
Methylcyclohexane	0.0014	U	0.0014	0.00069	mg/Kg	☼	10/10/25 10:42	10/11/25 03:00	1
Methylene Chloride	0.0028	U	0.0028	0.0016	mg/Kg	☼	10/10/25 10:42	10/11/25 03:00	1
m-Xylene & p-Xylene	0.0014	U	0.0014	0.00058	mg/Kg	☼	10/10/25 10:42	10/11/25 03:00	1
n-Butylbenzene	0.0014	U	0.0014	0.00041	mg/Kg	☼	10/10/25 10:42	10/11/25 03:00	1
N-Propylbenzene	0.0014	U	0.0014	0.00062	mg/Kg	☼	10/10/25 10:42	10/11/25 03:00	1
o-Xylene	0.0014	U	0.0014	0.00064	mg/Kg	☼	10/10/25 10:42	10/11/25 03:00	1
sec-Butylbenzene	0.0014	U	0.0014	0.00040	mg/Kg	☼	10/10/25 10:42	10/11/25 03:00	1
Styrene	0.0014	U	0.0014	0.00038	mg/Kg	☼	10/10/25 10:42	10/11/25 03:00	1
tert-Butylbenzene	0.0014	U	0.0014	0.00038	mg/Kg	☼	10/10/25 10:42	10/11/25 03:00	1
Tetrachloroethene	0.0014	U	0.0014	0.00042	mg/Kg	☼	10/10/25 10:42	10/11/25 03:00	1
Toluene	**0.00074**	**J**	0.0014	0.00032	mg/Kg	☼	10/10/25 10:42	10/11/25 03:00	1
trans-1,2-Dichloroethene	0.0014	U	0.0014	0.00034	mg/Kg	☼	10/10/25 10:42	10/11/25 03:00	1
trans-1,3-Dichloropropene	0.0014	U	0.0014	0.00037	mg/Kg	☼	10/10/25 10:42	10/11/25 03:00	1
Trichloroethene	0.0014	U	0.0014	0.00044	mg/Kg	☼	10/10/25 10:42	10/11/25 03:00	1
Trichlorofluoromethane	0.0014	U	0.0014	0.00056	mg/Kg	☼	10/10/25 10:42	10/11/25 03:00	1
Vinyl chloride	0.0014	U	0.0014	0.00075	mg/Kg	☼	10/10/25 10:42	10/11/25 03:00	1
Xylenes, Total	0.0028	U	0.0028	0.00024	mg/Kg	☼	10/10/25 10:42	10/11/25 03:00	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,2-Dichloroethane-d4 (Surr)	*112*		*65 - 138*	*10/10/25 10:42*	*10/11/25 03:00*	*1*
4-Bromofluorobenzene	*100*		*71 - 128*	*10/10/25 10:42*	*10/11/25 03:00*	*1*
Dibromofluoromethane (Surr)	*121*		*50 - 150*	*10/10/25 10:42*	*10/11/25 03:00*	*1*
Toluene-d8 (Surr)	*93*		*71 - 126*	*10/10/25 10:42*	*10/11/25 03:00*	*1*

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Percent Moisture (EPA Moisture)	**1.1**		1.0	1.0	%			10/12/25 15:03	1
Percent Solids (EPA Moisture)	**98.9**		1.0	1.0	%			10/12/25 15:03	1

Client Sample ID: 44E1_5-6

Lab Sample ID: 460-336648-54

Date Collected: 10/07/25 11:45
Matrix: Solid
Date Received: 10/07/25 17:15
Percent Solids: 95.9

Method: SW846 8260D - Volatile Organic Compounds by GC/MS

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1-Trichloroethane	0.00083	U	0.00083	0.00019	mg/Kg	☼	10/10/25 10:42	10/11/25 03:23	1
1,1,2,2-Tetrachloroethane	0.00083	U	0.00083	0.00043	mg/Kg	☼	10/10/25 10:42	10/11/25 03:23	1
1,1,2-Trichloro-1,2,2-trifluoroethane	0.00083	U	0.00083	0.00025	mg/Kg	☼	10/10/25 10:42	10/11/25 03:23	1
1,1,2-Trichloroethane	0.00083	U	0.00083	0.00050	mg/Kg	☼	10/10/25 10:42	10/11/25 03:23	1
1,1-Dichloroethane	0.00083	U	0.00083	0.00049	mg/Kg	☼	10/10/25 10:42	10/11/25 03:23	1
1,1-Dichloroethene	0.00083	U	0.00083	0.00019	mg/Kg	☼	10/10/25 10:42	10/11/25 03:23	1
1,2,3-Trichlorobenzene	0.00083	U	0.00083	0.00061	mg/Kg	☼	10/10/25 10:42	10/11/25 03:23	1
1,2,4-Trichlorobenzene	0.00083	U	0.00083	0.00030	mg/Kg	☼	10/10/25 10:42	10/11/25 03:23	1
1,2,4-Trimethylbenzene	0.00083	U	0.00083	0.00020	mg/Kg	☼	10/10/25 10:42	10/11/25 03:23	1

Client: Haley & Aldrich, Inc.
Project/Site: Former Port Mobil

Job ID: 460-336648-1

Client Sample ID: 44E1_5-6
Date Collected: 10/07/25 11:45
Date Received: 10/07/25 17:15

Lab Sample ID: 460-336648-54
Matrix: Solid
Percent Solids: 95.9

Method: SW846 8260D - Volatile Organic Compounds by GC/MS (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,2-Dibromo-3-Chloropropane	0.00083	U	0.00083	0.00038	mg/Kg	☼	10/10/25 10:42	10/11/25 03:23	1
1,2-Dichlorobenzene	0.00083	U	0.00083	0.00030	mg/Kg	☼	10/10/25 10:42	10/11/25 03:23	1
1,2-Dichloroethane	0.00083	U	0.00083	0.00024	mg/Kg	☼	10/10/25 10:42	10/11/25 03:23	1
1,2-Dichloropropane	0.00083	U	0.00083	0.00035	mg/Kg	☼	10/10/25 10:42	10/11/25 03:23	1
1,3,5-Trimethylbenzene	0.00083	U	0.00083	0.00026	mg/Kg	☼	10/10/25 10:42	10/11/25 03:23	1
1,3-Dichlorobenzene	0.00083	U	0.00083	0.00030	mg/Kg	☼	10/10/25 10:42	10/11/25 03:23	1
1,4-Dichlorobenzene	0.00083	U	0.00083	0.00043	mg/Kg	☼	10/10/25 10:42	10/11/25 03:23	1
2-Butanone (MEK)	0.0041	U	0.0041	0.00030	mg/Kg	☼	10/10/25 10:42	10/11/25 03:23	1
2-Hexanone	0.0041	U *	0.0041	0.0014	mg/Kg	☼	10/10/25 10:42	10/11/25 03:23	1
4-Methyl-2-pentanone (MIBK)	0.0041	U *	0.0041	0.0013	mg/Kg	☼	10/10/25 10:42	10/11/25 03:23	1
Acetone	0.0050	U	0.0050	0.0047	mg/Kg	☼	10/10/25 10:42	10/11/25 03:23	1
Benzene	0.00083	U	0.00083	0.00047	mg/Kg	☼	10/10/25 10:42	10/11/25 03:23	1
Bromoform	0.00083	U	0.00083	0.00035	mg/Kg	☼	10/10/25 10:42	10/11/25 03:23	1
Bromomethane	0.0017	U	0.0017	0.00083	mg/Kg	☼	10/10/25 10:42	10/11/25 03:23	1
Carbon disulfide	0.00083	U	0.00083	0.00022	mg/Kg	☼	10/10/25 10:42	10/11/25 03:23	1
Carbon tetrachloride	0.00083	U	0.00083	0.00032	mg/Kg	☼	10/10/25 10:42	10/11/25 03:23	1
Chlorobenzene	0.00083	U	0.00083	0.00042	mg/Kg	☼	10/10/25 10:42	10/11/25 03:23	1
Chlorobromomethane	0.00083	U	0.00083	0.00049	mg/Kg	☼	10/10/25 10:42	10/11/25 03:23	1
Chlorodibromomethane	0.00083	U	0.00083	0.00044	mg/Kg	☼	10/10/25 10:42	10/11/25 03:23	1
Chloroethane	0.00083	U	0.00083	0.00043	mg/Kg	☼	10/10/25 10:42	10/11/25 03:23	1
Chloroform	0.00083	U	0.00083	0.00080	mg/Kg	☼	10/10/25 10:42	10/11/25 03:23	1
Chloromethane	0.00083	U	0.00083	0.00036	mg/Kg	☼	10/10/25 10:42	10/11/25 03:23	1
cis-1,2-Dichloroethene	0.00083	U	0.00083	0.00030	mg/Kg	☼	10/10/25 10:42	10/11/25 03:23	1
cis-1,3-Dichloropropene	0.00083	U	0.00083	0.00023	mg/Kg	☼	10/10/25 10:42	10/11/25 03:23	1
Cyclohexane	0.00083	U	0.00083	0.00018	mg/Kg	☼	10/10/25 10:42	10/11/25 03:23	1
Dichlorobromomethane	0.00083	U	0.00083	0.00021	mg/Kg	☼	10/10/25 10:42	10/11/25 03:23	1
Dichlorodifluoromethane	0.00083	U *	0.00083	0.00028	mg/Kg	☼	10/10/25 10:42	10/11/25 03:23	1
Ethylbenzene	0.00083	U	0.00083	0.00039	mg/Kg	☼	10/10/25 10:42	10/11/25 03:23	1
Ethylene Dibromide	0.00083	U	0.00083	0.00042	mg/Kg	☼	10/10/25 10:42	10/11/25 03:23	1
Isopropylbenzene	0.00083	U	0.00083	0.00024	mg/Kg	☼	10/10/25 10:42	10/11/25 03:23	1
Methyl acetate	0.0041	U	0.0041	0.0036	mg/Kg	☼	10/10/25 10:42	10/11/25 03:23	1
Methyl tert-butyl ether	0.00083	U	0.00083	0.00042	mg/Kg	☼	10/10/25 10:42	10/11/25 03:23	1
Methylcyclohexane	0.00083	U	0.00083	0.00041	mg/Kg	☼	10/10/25 10:42	10/11/25 03:23	1
Methylene Chloride	0.0017	U	0.0017	0.00095	mg/Kg	☼	10/10/25 10:42	10/11/25 03:23	1
m-Xylene & p-Xylene	0.00083	U	0.00083	0.00035	mg/Kg	☼	10/10/25 10:42	10/11/25 03:23	1
n-Butylbenzene	0.00083	U	0.00083	0.00024	mg/Kg	☼	10/10/25 10:42	10/11/25 03:23	1
N-Propylbenzene	0.00083	U	0.00083	0.00037	mg/Kg	☼	10/10/25 10:42	10/11/25 03:23	1
o-Xylene	0.00083	U	0.00083	0.00038	mg/Kg	☼	10/10/25 10:42	10/11/25 03:23	1
sec-Butylbenzene	0.00083	U	0.00083	0.00024	mg/Kg	☼	10/10/25 10:42	10/11/25 03:23	1
Styrene	0.00083	U	0.00083	0.00023	mg/Kg	☼	10/10/25 10:42	10/11/25 03:23	1
tert-Butylbenzene	0.00083	U	0.00083	0.00023	mg/Kg	☼	10/10/25 10:42	10/11/25 03:23	1
Tetrachloroethene	0.00083	U	0.00083	0.00025	mg/Kg	☼	10/10/25 10:42	10/11/25 03:23	1
Toluene	0.00083	U	0.00083	0.00019	mg/Kg	☼	10/10/25 10:42	10/11/25 03:23	1
trans-1,2-Dichloroethene	0.00083	U	0.00083	0.00020	mg/Kg	☼	10/10/25 10:42	10/11/25 03:23	1
trans-1,3-Dichloropropene	0.00083	U	0.00083	0.00022	mg/Kg	☼	10/10/25 10:42	10/11/25 03:23	1
Trichloroethene	0.00083	U	0.00083	0.00027	mg/Kg	☼	10/10/25 10:42	10/11/25 03:23	1
Trichlorofluoromethane	0.00083	U	0.00083	0.00034	mg/Kg	☼	10/10/25 10:42	10/11/25 03:23	1
Vinyl chloride	0.00083	U	0.00083	0.00045	mg/Kg	☼	10/10/25 10:42	10/11/25 03:23	1
Xylenes, Total	0.0017	U	0.0017	0.00014	mg/Kg	☼	10/10/25 10:42	10/11/25 03:23	1

Client Sample ID: 44E1_5-6

Lab Sample ID: 460-336648-54

Date Collected: 10/07/25 11:45
Matrix: Solid
Date Received: 10/07/25 17:15
Percent Solids: 95.9

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,2-Dichloroethane-d4 (Surr)	*109*		*65 - 138*	*10/10/25 10:42*	*10/11/25 03:23*	*1*
4-Bromofluorobenzene	*101*		*71 - 128*	*10/10/25 10:42*	*10/11/25 03:23*	*1*
Dibromofluoromethane (Surr)	*117*		*50 - 150*	*10/10/25 10:42*	*10/11/25 03:23*	*1*
Toluene-d8 (Surr)	*92*		*71 - 126*	*10/10/25 10:42*	*10/11/25 03:23*	*1*

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Percent Moisture (EPA Moisture)	**4.1**		1.0	1.0	%			10/12/25 15:03	1
Percent Solids (EPA Moisture)	**95.9**		1.0	1.0	%			10/12/25 15:03	1

Client Sample ID: 44E2_6-7

Lab Sample ID: 460-336648-55

Date Collected: 10/07/25 11:50
Matrix: Solid
Date Received: 10/07/25 17:15
Percent Solids: 96.1

Method: SW846 8260D - Volatile Organic Compounds by GC/MS

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1-Trichloroethane	0.0013	U	0.0013	0.00029	mg/Kg	☼	10/10/25 10:43	10/11/25 03:46	1
1,1,2,2-Tetrachloroethane	0.0013	U	0.0013	0.00066	mg/Kg	☼	10/10/25 10:43	10/11/25 03:46	1
1,1,2-Trichloro-1,2,2-trifluoroethane	0.0013	U	0.0013	0.00038	mg/Kg	☼	10/10/25 10:43	10/11/25 03:46	1
1,1,2-Trichloroethane	0.0013	U	0.0013	0.00075	mg/Kg	☼	10/10/25 10:43	10/11/25 03:46	1
1,1-Dichloroethane	0.0013	U	0.0013	0.00075	mg/Kg	☼	10/10/25 10:43	10/11/25 03:46	1
1,1-Dichloroethene	0.0013	U	0.0013	0.00028	mg/Kg	☼	10/10/25 10:43	10/11/25 03:46	1
1,2,3-Trichlorobenzene	0.0013	U	0.0013	0.00093	mg/Kg	☼	10/10/25 10:43	10/11/25 03:46	1
1,2,4-Trichlorobenzene	0.0013	U	0.0013	0.00045	mg/Kg	☼	10/10/25 10:43	10/11/25 03:46	1
1,2,4-Trimethylbenzene	0.0013	U	0.0013	0.00031	mg/Kg	☼	10/10/25 10:43	10/11/25 03:46	1
1,2-Dibromo-3-Chloropropane	0.0013	U	0.0013	0.00058	mg/Kg	☼	10/10/25 10:43	10/11/25 03:46	1
1,2-Dichlorobenzene	0.0013	U	0.0013	0.00045	mg/Kg	☼	10/10/25 10:43	10/11/25 03:46	1
1,2-Dichloroethane	0.0013	U	0.0013	0.00037	mg/Kg	☼	10/10/25 10:43	10/11/25 03:46	1
1,2-Dichloropropane	0.0013	U	0.0013	0.00053	mg/Kg	☼	10/10/25 10:43	10/11/25 03:46	1
1,3,5-Trimethylbenzene	0.0013	U	0.0013	0.00039	mg/Kg	☼	10/10/25 10:43	10/11/25 03:46	1
1,3-Dichlorobenzene	0.0013	U	0.0013	0.00046	mg/Kg	☼	10/10/25 10:43	10/11/25 03:46	1
1,4-Dichlorobenzene	0.0013	U	0.0013	0.00065	mg/Kg	☼	10/10/25 10:43	10/11/25 03:46	1
2-Butanone (MEK)	0.0063	U	0.0063	0.00046	mg/Kg	☼	10/10/25 10:43	10/11/25 03:46	1
2-Hexanone	0.0063	U *	0.0063	0.0021	mg/Kg	☼	10/10/25 10:43	10/11/25 03:46	1
4-Methyl-2-pentanone (MIBK)	0.0063	U *	0.0063	0.0020	mg/Kg	☼	10/10/25 10:43	10/11/25 03:46	1
Acetone	**0.0079**		0.0075	0.0072	mg/Kg	☼	10/10/25 10:43	10/11/25 03:46	1
Benzene	0.0013	U	0.0013	0.00071	mg/Kg	☼	10/10/25 10:43	10/11/25 03:46	1
Bromoform	0.0013	U	0.0013	0.00053	mg/Kg	☼	10/10/25 10:43	10/11/25 03:46	1
Bromomethane	0.0025	U	0.0025	0.0013	mg/Kg	☼	10/10/25 10:43	10/11/25 03:46	1
Carbon disulfide	0.0013	U	0.0013	0.00033	mg/Kg	☼	10/10/25 10:43	10/11/25 03:46	1
Carbon tetrachloride	0.0013	U	0.0013	0.00049	mg/Kg	☼	10/10/25 10:43	10/11/25 03:46	1
Chlorobenzene	0.0013	U	0.0013	0.00064	mg/Kg	☼	10/10/25 10:43	10/11/25 03:46	1
Chlorobromomethane	0.0013	U	0.0013	0.00075	mg/Kg	☼	10/10/25 10:43	10/11/25 03:46	1
Chlorodibromomethane	0.0013	U	0.0013	0.00067	mg/Kg	☼	10/10/25 10:43	10/11/25 03:46	1
Chloroethane	0.0013	U	0.0013	0.00066	mg/Kg	☼	10/10/25 10:43	10/11/25 03:46	1
Chloroform	0.0013	U	0.0013	0.0012	mg/Kg	☼	10/10/25 10:43	10/11/25 03:46	1
Chloromethane	0.0013	U	0.0013	0.00055	mg/Kg	☼	10/10/25 10:43	10/11/25 03:46	1
cis-1,2-Dichloroethene	0.0013	U	0.0013	0.00045	mg/Kg	☼	10/10/25 10:43	10/11/25 03:46	1
cis-1,3-Dichloropropene	0.0013	U	0.0013	0.00034	mg/Kg	☼	10/10/25 10:43	10/11/25 03:46	1
Cyclohexane	0.0013	U	0.0013	0.00028	mg/Kg	☼	10/10/25 10:43	10/11/25 03:46	1
Dichlorobromomethane	0.0013	U	0.0013	0.00032	mg/Kg	☼	10/10/25 10:43	10/11/25 03:46	1

Client Sample ID: 44E2_6-7

Lab Sample ID: 460-336648-55

Date Collected: 10/07/25 11:50
Matrix: Solid
Date Received: 10/07/25 17:15
Percent Solids: 96.1

Method: SW846 8260D - Volatile Organic Compounds by GC/MS (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Dichlorodifluoromethane	0.0013	U *	0.0013	0.00042	mg/Kg	☼	10/10/25 10:43	10/11/25 03:46	1
Ethylbenzene	0.0013	U	0.0013	0.00059	mg/Kg	☼	10/10/25 10:43	10/11/25 03:46	1
Ethylene Dibromide	0.0013	U	0.0013	0.00063	mg/Kg	☼	10/10/25 10:43	10/11/25 03:46	1
Isopropylbenzene	0.0013	U	0.0013	0.00036	mg/Kg	☼	10/10/25 10:43	10/11/25 03:46	1
Methyl acetate	0.0063	U	0.0063	0.0054	mg/Kg	☼	10/10/25 10:43	10/11/25 03:46	1
Methyl tert-butyl ether	0.0013	U	0.0013	0.00064	mg/Kg	☼	10/10/25 10:43	10/11/25 03:46	1
Methylcyclohexane	0.0013	U	0.0013	0.00063	mg/Kg	☼	10/10/25 10:43	10/11/25 03:46	1
Methylene Chloride	**0.0027**		0.0025	0.0014	mg/Kg	☼	10/10/25 10:43	10/11/25 03:46	1
m-Xylene & p-Xylene	0.0013	U	0.0013	0.00053	mg/Kg	☼	10/10/25 10:43	10/11/25 03:46	1
n-Butylbenzene	0.0013	U	0.0013	0.00037	mg/Kg	☼	10/10/25 10:43	10/11/25 03:46	1
N-Propylbenzene	0.0013	U	0.0013	0.00056	mg/Kg	☼	10/10/25 10:43	10/11/25 03:46	1
o-Xylene	0.0013	U	0.0013	0.00058	mg/Kg	☼	10/10/25 10:43	10/11/25 03:46	1
sec-Butylbenzene	0.0013	U	0.0013	0.00036	mg/Kg	☼	10/10/25 10:43	10/11/25 03:46	1
Styrene	0.0013	U	0.0013	0.00035	mg/Kg	☼	10/10/25 10:43	10/11/25 03:46	1
tert-Butylbenzene	0.0013	U	0.0013	0.00035	mg/Kg	☼	10/10/25 10:43	10/11/25 03:46	1
Tetrachloroethene	0.0013	U	0.0013	0.00038	mg/Kg	☼	10/10/25 10:43	10/11/25 03:46	1
Toluene	0.0013	U	0.0013	0.00029	mg/Kg	☼	10/10/25 10:43	10/11/25 03:46	1
trans-1,2-Dichloroethene	0.0013	U	0.0013	0.00031	mg/Kg	☼	10/10/25 10:43	10/11/25 03:46	1
trans-1,3-Dichloropropene	0.0013	U	0.0013	0.00033	mg/Kg	☼	10/10/25 10:43	10/11/25 03:46	1
Trichloroethene	0.0013	U	0.0013	0.00040	mg/Kg	☼	10/10/25 10:43	10/11/25 03:46	1
Trichlorofluoromethane	0.0013	U	0.0013	0.00051	mg/Kg	☼	10/10/25 10:43	10/11/25 03:46	1
Vinyl chloride	0.0013	U	0.0013	0.00069	mg/Kg	☼	10/10/25 10:43	10/11/25 03:46	1
Xylenes, Total	0.0025	U	0.0025	0.00022	mg/Kg	☼	10/10/25 10:43	10/11/25 03:46	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,2-Dichloroethane-d4 (Surr)	*113*		*65 - 138*	*10/10/25 10:43*	*10/11/25 03:46*	*1*
4-Bromofluorobenzene	*98*		*71 - 128*	*10/10/25 10:43*	*10/11/25 03:46*	*1*
Dibromofluoromethane (Surr)	*123*		*50 - 150*	*10/10/25 10:43*	*10/11/25 03:46*	*1*
Toluene-d8 (Surr)	*92*		*71 - 126*	*10/10/25 10:43*	*10/11/25 03:46*	*1*

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Percent Moisture (EPA Moisture)	**3.9**		1.0	1.0	%			10/12/25 15:03	1
Percent Solids (EPA Moisture)	**96.1**		1.0	1.0	%			10/12/25 15:03	1

Client Sample ID: 44E2_7-8

Lab Sample ID: 460-336648-56

Date Collected: 10/07/25 11:55
Matrix: Solid
Date Received: 10/07/25 17:15
Percent Solids: 94.1

Method: SW846 8260D - Volatile Organic Compounds by GC/MS

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1-Trichloroethane	0.00097	U	0.00097	0.00023	mg/Kg	☼	10/10/25 10:43	10/11/25 04:09	1
1,1,2,2-Tetrachloroethane	0.00097	U	0.00097	0.00051	mg/Kg	☼	10/10/25 10:43	10/11/25 04:09	1
1,1,2-Trichloro-1,2,2-trifluoroethane	0.00097	U	0.00097	0.00029	mg/Kg	☼	10/10/25 10:43	10/11/25 04:09	1
1,1,2-Trichloroethane	0.00097	U	0.00097	0.00058	mg/Kg	☼	10/10/25 10:43	10/11/25 04:09	1
1,1-Dichloroethane	0.00097	U	0.00097	0.00058	mg/Kg	☼	10/10/25 10:43	10/11/25 04:09	1
1,1-Dichloroethene	0.00097	U	0.00097	0.00022	mg/Kg	☼	10/10/25 10:43	10/11/25 04:09	1
1,2,3-Trichlorobenzene	0.00097	U	0.00097	0.00072	mg/Kg	☼	10/10/25 10:43	10/11/25 04:09	1
1,2,4-Trichlorobenzene	0.00097	U	0.00097	0.00035	mg/Kg	☼	10/10/25 10:43	10/11/25 04:09	1
1,2,4-Trimethylbenzene	0.00097	U	0.00097	0.00024	mg/Kg	☼	10/10/25 10:43	10/11/25 04:09	1

Client: Haley & Aldrich, Inc.
Project/Site: Former Port Mobil

Job ID: 460-336648-1

Client Sample ID: 44E2_7-8
Date Collected: 10/07/25 11:55
Date Received: 10/07/25 17:15

Lab Sample ID: 460-336648-56
Matrix: Solid
Percent Solids: 94.1

Method: SW846 8260D - Volatile Organic Compounds by GC/MS (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,2-Dibromo-3-Chloropropane	0.00097	U	0.00097	0.00045	mg/Kg	☼	10/10/25 10:43	10/11/25 04:09	1
1,2-Dichlorobenzene	0.00097	U	0.00097	0.00035	mg/Kg	☼	10/10/25 10:43	10/11/25 04:09	1
1,2-Dichloroethane	0.00097	U	0.00097	0.00029	mg/Kg	☼	10/10/25 10:43	10/11/25 04:09	1
1,2-Dichloropropane	0.00097	U	0.00097	0.00041	mg/Kg	☼	10/10/25 10:43	10/11/25 04:09	1
1,3,5-Trimethylbenzene	0.00097	U	0.00097	0.00030	mg/Kg	☼	10/10/25 10:43	10/11/25 04:09	1
1,3-Dichlorobenzene	0.00097	U	0.00097	0.00035	mg/Kg	☼	10/10/25 10:43	10/11/25 04:09	1
1,4-Dichlorobenzene	0.00097	U	0.00097	0.00050	mg/Kg	☼	10/10/25 10:43	10/11/25 04:09	1
2-Butanone (MEK)	0.0049	U	0.0049	0.00036	mg/Kg	☼	10/10/25 10:43	10/11/25 04:09	1
2-Hexanone	0.0049	U *	0.0049	0.0017	mg/Kg	☼	10/10/25 10:43	10/11/25 04:09	1
4-Methyl-2-pentanone (MIBK)	0.0049	U *	0.0049	0.0015	mg/Kg	☼	10/10/25 10:43	10/11/25 04:09	1
Acetone	0.0058	U	0.0058	0.0055	mg/Kg	☼	10/10/25 10:43	10/11/25 04:09	1
Benzene	0.00097	U	0.00097	0.00055	mg/Kg	☼	10/10/25 10:43	10/11/25 04:09	1
Bromoform	0.00097	U	0.00097	0.00041	mg/Kg	☼	10/10/25 10:43	10/11/25 04:09	1
Bromomethane	0.0019	U	0.0019	0.00097	mg/Kg	☼	10/10/25 10:43	10/11/25 04:09	1
Carbon disulfide	0.00097	U	0.00097	0.00026	mg/Kg	☼	10/10/25 10:43	10/11/25 04:09	1
Carbon tetrachloride	0.00097	U	0.00097	0.00038	mg/Kg	☼	10/10/25 10:43	10/11/25 04:09	1
Chlorobenzene	0.00097	U	0.00097	0.00049	mg/Kg	☼	10/10/25 10:43	10/11/25 04:09	1
Chlorobromomethane	0.00097	U	0.00097	0.00058	mg/Kg	☼	10/10/25 10:43	10/11/25 04:09	1
Chlorodibromomethane	0.00097	U	0.00097	0.00052	mg/Kg	☼	10/10/25 10:43	10/11/25 04:09	1
Chloroethane	0.00097	U	0.00097	0.00051	mg/Kg	☼	10/10/25 10:43	10/11/25 04:09	1
Chloroform	0.00097	U	0.00097	0.00094	mg/Kg	☼	10/10/25 10:43	10/11/25 04:09	1
Chloromethane	0.00097	U	0.00097	0.00042	mg/Kg	☼	10/10/25 10:43	10/11/25 04:09	1
cis-1,2-Dichloroethene	0.00097	U	0.00097	0.00035	mg/Kg	☼	10/10/25 10:43	10/11/25 04:09	1
cis-1,3-Dichloropropene	0.00097	U	0.00097	0.00026	mg/Kg	☼	10/10/25 10:43	10/11/25 04:09	1
Cyclohexane	0.00097	U	0.00097	0.00021	mg/Kg	☼	10/10/25 10:43	10/11/25 04:09	1
Dichlorobromomethane	0.00097	U	0.00097	0.00025	mg/Kg	☼	10/10/25 10:43	10/11/25 04:09	1
Dichlorodifluoromethane	0.00097	U *	0.00097	0.00033	mg/Kg	☼	10/10/25 10:43	10/11/25 04:09	1
Ethylbenzene	0.00097	U	0.00097	0.00045	mg/Kg	☼	10/10/25 10:43	10/11/25 04:09	1
Ethylene Dibromide	0.00097	U	0.00097	0.00049	mg/Kg	☼	10/10/25 10:43	10/11/25 04:09	1
Isopropylbenzene	0.00097	U	0.00097	0.00028	mg/Kg	☼	10/10/25 10:43	10/11/25 04:09	1
Methyl acetate	0.0049	U	0.0049	0.0042	mg/Kg	☼	10/10/25 10:43	10/11/25 04:09	1
Methyl tert-butyl ether	0.00097	U	0.00097	0.00050	mg/Kg	☼	10/10/25 10:43	10/11/25 04:09	1
Methylcyclohexane	0.00097	U	0.00097	0.00048	mg/Kg	☼	10/10/25 10:43	10/11/25 04:09	1
Methylene Chloride	0.0019	U	0.0019	0.0011	mg/Kg	☼	10/10/25 10:43	10/11/25 04:09	1
m-Xylene & p-Xylene	0.00097	U	0.00097	0.00041	mg/Kg	☼	10/10/25 10:43	10/11/25 04:09	1
n-Butylbenzene	0.00097	U	0.00097	0.00029	mg/Kg	☼	10/10/25 10:43	10/11/25 04:09	1
N-Propylbenzene	0.00097	U	0.00097	0.00044	mg/Kg	☼	10/10/25 10:43	10/11/25 04:09	1
o-Xylene	0.00097	U	0.00097	0.00045	mg/Kg	☼	10/10/25 10:43	10/11/25 04:09	1
sec-Butylbenzene	0.00097	U	0.00097	0.00028	mg/Kg	☼	10/10/25 10:43	10/11/25 04:09	1
Styrene	0.00097	U	0.00097	0.00027	mg/Kg	☼	10/10/25 10:43	10/11/25 04:09	1
tert-Butylbenzene	0.00097	U	0.00097	0.00027	mg/Kg	☼	10/10/25 10:43	10/11/25 04:09	1
Tetrachloroethene	0.00097	U	0.00097	0.00030	mg/Kg	☼	10/10/25 10:43	10/11/25 04:09	1
Toluene	0.00097	U	0.00097	0.00023	mg/Kg	☼	10/10/25 10:43	10/11/25 04:09	1
trans-1,2-Dichloroethene	0.00097	U	0.00097	0.00024	mg/Kg	☼	10/10/25 10:43	10/11/25 04:09	1
trans-1,3-Dichloropropene	0.00097	U	0.00097	0.00026	mg/Kg	☼	10/10/25 10:43	10/11/25 04:09	1
Trichloroethene	0.00097	U	0.00097	0.00031	mg/Kg	☼	10/10/25 10:43	10/11/25 04:09	1
Trichlorofluoromethane	0.00097	U	0.00097	0.00039	mg/Kg	☼	10/10/25 10:43	10/11/25 04:09	1
Vinyl chloride	0.00097	U	0.00097	0.00053	mg/Kg	☼	10/10/25 10:43	10/11/25 04:09	1
Xylenes, Total	0.0019	U	0.0019	0.00017	mg/Kg	☼	10/10/25 10:43	10/11/25 04:09	1

Client Sample ID: 44E2_7-8

Lab Sample ID: 460-336648-56

Date Collected: 10/07/25 11:55
Matrix: Solid
Date Received: 10/07/25 17:15
Percent Solids: 94.1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,2-Dichloroethane-d4 (Surr)	*115*		*65 - 138*	*10/10/25 10:43*	*10/11/25 04:09*	*1*
4-Bromofluorobenzene	*102*		*71 - 128*	*10/10/25 10:43*	*10/11/25 04:09*	*1*
Dibromofluoromethane (Surr)	*127*		*50 - 150*	*10/10/25 10:43*	*10/11/25 04:09*	*1*
Toluene-d8 (Surr)	*93*		*71 - 126*	*10/10/25 10:43*	*10/11/25 04:09*	*1*

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Percent Moisture (EPA Moisture)	**5.9**		1.0	1.0	%			10/12/25 15:03	1
Percent Solids (EPA Moisture)	**94.1**		1.0	1.0	%			10/12/25 15:03	1

Client Sample ID: 44E3_4-5

Lab Sample ID: 460-336648-57

Date Collected: 10/07/25 12:00
Matrix: Solid
Date Received: 10/07/25 17:15
Percent Solids: 96.0

Method: SW846 8260D - Volatile Organic Compounds by GC/MS

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1-Trichloroethane	0.00096	U	0.00096	0.00022	mg/Kg	☼	10/10/25 10:43	10/11/25 04:32	1
1,1,2,2-Tetrachloroethane	0.00096	U	0.00096	0.00050	mg/Kg	☼	10/10/25 10:43	10/11/25 04:32	1
1,1,2-Trichloro-1,2,2-trifluoroethane	0.00096	U	0.00096	0.00029	mg/Kg	☼	10/10/25 10:43	10/11/25 04:32	1
1,1,2-Trichloroethane	0.00096	U	0.00096	0.00058	mg/Kg	☼	10/10/25 10:43	10/11/25 04:32	1
1,1-Dichloroethane	0.00096	U	0.00096	0.00057	mg/Kg	☼	10/10/25 10:43	10/11/25 04:32	1
1,1-Dichloroethene	0.00096	U	0.00096	0.00022	mg/Kg	☼	10/10/25 10:43	10/11/25 04:32	1
1,2,3-Trichlorobenzene	0.00096	U	0.00096	0.00071	mg/Kg	☼	10/10/25 10:43	10/11/25 04:32	1
1,2,4-Trichlorobenzene	0.00096	U	0.00096	0.00034	mg/Kg	☼	10/10/25 10:43	10/11/25 04:32	1
1,2,4-Trimethylbenzene	0.00096	U	0.00096	0.00024	mg/Kg	☼	10/10/25 10:43	10/11/25 04:32	1
1,2-Dibromo-3-Chloropropane	0.00096	U	0.00096	0.00044	mg/Kg	☼	10/10/25 10:43	10/11/25 04:32	1
1,2-Dichlorobenzene	0.00096	U	0.00096	0.00035	mg/Kg	☼	10/10/25 10:43	10/11/25 04:32	1
1,2-Dichloroethane	0.00096	U	0.00096	0.00028	mg/Kg	☼	10/10/25 10:43	10/11/25 04:32	1
1,2-Dichloropropane	0.00096	U	0.00096	0.00041	mg/Kg	☼	10/10/25 10:43	10/11/25 04:32	1
1,3,5-Trimethylbenzene	0.00096	U	0.00096	0.00030	mg/Kg	☼	10/10/25 10:43	10/11/25 04:32	1
1,3-Dichlorobenzene	0.00096	U	0.00096	0.00035	mg/Kg	☼	10/10/25 10:43	10/11/25 04:32	1
1,4-Dichlorobenzene	0.00096	U	0.00096	0.00050	mg/Kg	☼	10/10/25 10:43	10/11/25 04:32	1
2-Butanone (MEK)	0.0048	U	0.0048	0.00035	mg/Kg	☼	10/10/25 10:43	10/11/25 04:32	1
2-Hexanone	0.0048	U *	0.0048	0.0016	mg/Kg	☼	10/10/25 10:43	10/11/25 04:32	1
4-Methyl-2-pentanone (MIBK)	0.0048	U *	0.0048	0.0015	mg/Kg	☼	10/10/25 10:43	10/11/25 04:32	1
Acetone	0.0058	U	0.0058	0.0055	mg/Kg	☼	10/10/25 10:43	10/11/25 04:32	1
Benzene	0.00096	U	0.00096	0.00055	mg/Kg	☼	10/10/25 10:43	10/11/25 04:32	1
Bromoform	0.00096	U	0.00096	0.00041	mg/Kg	☼	10/10/25 10:43	10/11/25 04:32	1
Bromomethane	0.0019	U	0.0019	0.00096	mg/Kg	☼	10/10/25 10:43	10/11/25 04:32	1
Carbon disulfide	0.00096	U	0.00096	0.00026	mg/Kg	☼	10/10/25 10:43	10/11/25 04:32	1
Carbon tetrachloride	0.00096	U	0.00096	0.00037	mg/Kg	☼	10/10/25 10:43	10/11/25 04:32	1
Chlorobenzene	0.00096	U	0.00096	0.00049	mg/Kg	☼	10/10/25 10:43	10/11/25 04:32	1
Chlorobromomethane	0.00096	U	0.00096	0.00057	mg/Kg	☼	10/10/25 10:43	10/11/25 04:32	1
Chlorodibromomethane	0.00096	U	0.00096	0.00052	mg/Kg	☼	10/10/25 10:43	10/11/25 04:32	1
Chloroethane	0.00096	U	0.00096	0.00050	mg/Kg	☼	10/10/25 10:43	10/11/25 04:32	1
Chloroform	0.00096	U	0.00096	0.00093	mg/Kg	☼	10/10/25 10:43	10/11/25 04:32	1
Chloromethane	0.00096	U	0.00096	0.00042	mg/Kg	☼	10/10/25 10:43	10/11/25 04:32	1
cis-1,2-Dichloroethene	0.00096	U	0.00096	0.00034	mg/Kg	☼	10/10/25 10:43	10/11/25 04:32	1
cis-1,3-Dichloropropene	0.00096	U	0.00096	0.00026	mg/Kg	☼	10/10/25 10:43	10/11/25 04:32	1
Cyclohexane	0.00096	U	0.00096	0.00021	mg/Kg	☼	10/10/25 10:43	10/11/25 04:32	1
Dichlorobromomethane	0.00096	U	0.00096	0.00025	mg/Kg	☼	10/10/25 10:43	10/11/25 04:32	1

Client Sample ID: 44E3_4-5

Lab Sample ID: 460-336648-57

Date Collected: 10/07/25 12:00
Matrix: Solid
Date Received: 10/07/25 17:15
Percent Solids: 96.0

Method: SW846 8260D - Volatile Organic Compounds by GC/MS (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Dichlorodifluoromethane	0.00096	U *	0.00096	0.00033	mg/Kg	☼	10/10/25 10:43	10/11/25 04:32	1
Ethylbenzene	0.00096	U	0.00096	0.00045	mg/Kg	☼	10/10/25 10:43	10/11/25 04:32	1
Ethylene Dibromide	0.00096	U	0.00096	0.00048	mg/Kg	☼	10/10/25 10:43	10/11/25 04:32	1
Isopropylbenzene	0.00096	U	0.00096	0.00027	mg/Kg	☼	10/10/25 10:43	10/11/25 04:32	1
Methyl acetate	0.0048	U	0.0048	0.0041	mg/Kg	☼	10/10/25 10:43	10/11/25 04:32	1
Methyl tert-butyl ether	0.00096	U	0.00096	0.00049	mg/Kg	☼	10/10/25 10:43	10/11/25 04:32	1
Methylcyclohexane	0.00096	U	0.00096	0.00048	mg/Kg	☼	10/10/25 10:43	10/11/25 04:32	1
Methylene Chloride	0.0019	U	0.0019	0.0011	mg/Kg	☼	10/10/25 10:43	10/11/25 04:32	1
m-Xylene & p-Xylene	0.00096	U	0.00096	0.00041	mg/Kg	☼	10/10/25 10:43	10/11/25 04:32	1
n-Butylbenzene	0.00096	U	0.00096	0.00028	mg/Kg	☼	10/10/25 10:43	10/11/25 04:32	1
N-Propylbenzene	0.00096	U	0.00096	0.00043	mg/Kg	☼	10/10/25 10:43	10/11/25 04:32	1
o-Xylene	0.00096	U	0.00096	0.00044	mg/Kg	☼	10/10/25 10:43	10/11/25 04:32	1
sec-Butylbenzene	0.00096	U	0.00096	0.00028	mg/Kg	☼	10/10/25 10:43	10/11/25 04:32	1
Styrene	0.00096	U	0.00096	0.00027	mg/Kg	☼	10/10/25 10:43	10/11/25 04:32	1
tert-Butylbenzene	0.00096	U	0.00096	0.00027	mg/Kg	☼	10/10/25 10:43	10/11/25 04:32	1
Tetrachloroethene	0.00096	U	0.00096	0.00029	mg/Kg	☼	10/10/25 10:43	10/11/25 04:32	1
Toluene	**0.00042**	**J**	0.00096	0.00023	mg/Kg	☼	10/10/25 10:43	10/11/25 04:32	1
trans-1,2-Dichloroethene	0.00096	U	0.00096	0.00024	mg/Kg	☼	10/10/25 10:43	10/11/25 04:32	1
trans-1,3-Dichloropropene	0.00096	U	0.00096	0.00026	mg/Kg	☼	10/10/25 10:43	10/11/25 04:32	1
Trichloroethene	0.00096	U	0.00096	0.00031	mg/Kg	☼	10/10/25 10:43	10/11/25 04:32	1
Trichlorofluoromethane	0.00096	U	0.00096	0.00039	mg/Kg	☼	10/10/25 10:43	10/11/25 04:32	1
Vinyl chloride	0.00096	U	0.00096	0.00053	mg/Kg	☼	10/10/25 10:43	10/11/25 04:32	1
Xylenes, Total	0.0019	U	0.0019	0.00017	mg/Kg	☼	10/10/25 10:43	10/11/25 04:32	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,2-Dichloroethane-d4 (Surr)	*111*		*65 - 138*	*10/10/25 10:43*	*10/11/25 04:32*	*1*
4-Bromofluorobenzene	*101*		*71 - 128*	*10/10/25 10:43*	*10/11/25 04:32*	*1*
Dibromofluoromethane (Surr)	*122*		*50 - 150*	*10/10/25 10:43*	*10/11/25 04:32*	*1*
Toluene-d8 (Surr)	*92*		*71 - 126*	*10/10/25 10:43*	*10/11/25 04:32*	*1*

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Percent Moisture (EPA Moisture)	**4.0**		1.0	1.0	%			10/12/25 15:03	1
Percent Solids (EPA Moisture)	**96.0**		1.0	1.0	%			10/12/25 15:03	1

Client Sample ID: 44F1_1-2

Lab Sample ID: 460-336648-58

Date Collected: 10/07/25 12:05
Matrix: Solid
Date Received: 10/07/25 17:15
Percent Solids: 89.8

Method: SW846 8260D - Volatile Organic Compounds by GC/MS

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1-Trichloroethane	0.0010	U	0.0010	0.00024	mg/Kg	☼	10/10/25 10:44	10/11/25 07:37	1
1,1,2,2-Tetrachloroethane	0.0010	U	0.0010	0.00053	mg/Kg	☼	10/10/25 10:44	10/11/25 07:37	1
1,1,2-Trichloro-1,2,2-trifluoroethane	0.0010	U	0.0010	0.00030	mg/Kg	☼	10/10/25 10:44	10/11/25 07:37	1
1,1,2-Trichloroethane	0.0010	U	0.0010	0.00061	mg/Kg	☼	10/10/25 10:44	10/11/25 07:37	1
1,1-Dichloroethane	0.0010	U	0.0010	0.00060	mg/Kg	☼	10/10/25 10:44	10/11/25 07:37	1
1,1-Dichloroethene	0.0010	U	0.0010	0.00023	mg/Kg	☼	10/10/25 10:44	10/11/25 07:37	1
1,2,3-Trichlorobenzene	0.0010	U	0.0010	0.00075	mg/Kg	☼	10/10/25 10:44	10/11/25 07:37	1
1,2,4-Trichlorobenzene	0.0010	U	0.0010	0.00036	mg/Kg	☼	10/10/25 10:44	10/11/25 07:37	1
1,2,4-Trimethylbenzene	0.0010	U	0.0010	0.00025	mg/Kg	☼	10/10/25 10:44	10/11/25 07:37	1

Client: Haley & Aldrich, Inc.
Project/Site: Former Port Mobil

Job ID: 460-336648-1

Client Sample ID: 44F1_1-2
Date Collected: 10/07/25 12:05
Date Received: 10/07/25 17:15

Lab Sample ID: 460-336648-58
Matrix: Solid
Percent Solids: 89.8

Method: SW846 8260D - Volatile Organic Compounds by GC/MS (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,2-Dibromo-3-Chloropropane	0.0010	U	0.0010	0.00047	mg/Kg	☼	10/10/25 10:44	10/11/25 07:37	1
1,2-Dichlorobenzene	0.0010	U	0.0010	0.00037	mg/Kg	☼	10/10/25 10:44	10/11/25 07:37	1
1,2-Dichloroethane	0.0010	U	0.0010	0.00030	mg/Kg	☼	10/10/25 10:44	10/11/25 07:37	1
1,2-Dichloropropane	0.0010	U	0.0010	0.00043	mg/Kg	☼	10/10/25 10:44	10/11/25 07:37	1
1,3,5-Trimethylbenzene	0.0010	U	0.0010	0.00032	mg/Kg	☼	10/10/25 10:44	10/11/25 07:37	1
1,3-Dichlorobenzene	0.0010	U	0.0010	0.00037	mg/Kg	☼	10/10/25 10:44	10/11/25 07:37	1
1,4-Dichlorobenzene	0.0010	U	0.0010	0.00053	mg/Kg	☼	10/10/25 10:44	10/11/25 07:37	1
2-Butanone (MEK)	0.0051	U	0.0051	0.00037	mg/Kg	☼	10/10/25 10:44	10/11/25 07:37	1
2-Hexanone	0.0051	U *	0.0051	0.0017	mg/Kg	☼	10/10/25 10:44	10/11/25 07:37	1
4-Methyl-2-pentanone (MIBK)	0.0051	U *	0.0051	0.0016	mg/Kg	☼	10/10/25 10:44	10/11/25 07:37	1
Acetone	0.0061	U	0.0061	0.0058	mg/Kg	☼	10/10/25 10:44	10/11/25 07:37	1
Benzene	0.0010	U	0.0010	0.00057	mg/Kg	☼	10/10/25 10:44	10/11/25 07:37	1
Bromoform	0.0010	U	0.0010	0.00043	mg/Kg	☼	10/10/25 10:44	10/11/25 07:37	1
Bromomethane	0.0020	U	0.0020	0.0010	mg/Kg	☼	10/10/25 10:44	10/11/25 07:37	1
Carbon disulfide	0.0010	U	0.0010	0.00027	mg/Kg	☼	10/10/25 10:44	10/11/25 07:37	1
Carbon tetrachloride	0.0010	U	0.0010	0.00039	mg/Kg	☼	10/10/25 10:44	10/11/25 07:37	1
Chlorobenzene	0.0010	U	0.0010	0.00051	mg/Kg	☼	10/10/25 10:44	10/11/25 07:37	1
Chlorobromomethane	0.0010	U	0.0010	0.00060	mg/Kg	☼	10/10/25 10:44	10/11/25 07:37	1
Chlorodibromomethane	0.0010	U	0.0010	0.00054	mg/Kg	☼	10/10/25 10:44	10/11/25 07:37	1
Chloroethane	0.0010	U	0.0010	0.00053	mg/Kg	☼	10/10/25 10:44	10/11/25 07:37	1
Chloroform	0.0010	U	0.0010	0.00098	mg/Kg	☼	10/10/25 10:44	10/11/25 07:37	1
Chloromethane	0.0010	U	0.0010	0.00044	mg/Kg	☼	10/10/25 10:44	10/11/25 07:37	1
cis-1,2-Dichloroethene	0.0010	U	0.0010	0.00036	mg/Kg	☼	10/10/25 10:44	10/11/25 07:37	1
cis-1,3-Dichloropropene	0.0010	U	0.0010	0.00028	mg/Kg	☼	10/10/25 10:44	10/11/25 07:37	1
Cyclohexane	0.0010	U	0.0010	0.00022	mg/Kg	☼	10/10/25 10:44	10/11/25 07:37	1
Dichlorobromomethane	0.0010	U	0.0010	0.00026	mg/Kg	☼	10/10/25 10:44	10/11/25 07:37	1
Dichlorodifluoromethane	0.0010	U	0.0010	0.00034	mg/Kg	☼	10/10/25 10:44	10/11/25 07:37	1
Ethylbenzene	0.0010	U	0.0010	0.00047	mg/Kg	☼	10/10/25 10:44	10/11/25 07:37	1
Ethylene Dibromide	0.0010	U	0.0010	0.00051	mg/Kg	☼	10/10/25 10:44	10/11/25 07:37	1
Isopropylbenzene	0.0010	U	0.0010	0.00029	mg/Kg	☼	10/10/25 10:44	10/11/25 07:37	1
Methyl acetate	0.0051	U	0.0051	0.0044	mg/Kg	☼	10/10/25 10:44	10/11/25 07:37	1
Methyl tert-butyl ether	0.0010	U	0.0010	0.00052	mg/Kg	☼	10/10/25 10:44	10/11/25 07:37	1
Methylcyclohexane	0.0010	U	0.0010	0.00051	mg/Kg	☼	10/10/25 10:44	10/11/25 07:37	1
Methylene Chloride	0.0020	U	0.0020	0.0012	mg/Kg	☼	10/10/25 10:44	10/11/25 07:37	1
m-Xylene & p-Xylene	0.0010	U	0.0010	0.00043	mg/Kg	☼	10/10/25 10:44	10/11/25 07:37	1
n-Butylbenzene	0.0010	U	0.0010	0.00030	mg/Kg	☼	10/10/25 10:44	10/11/25 07:37	1
N-Propylbenzene	0.0010	U	0.0010	0.00045	mg/Kg	☼	10/10/25 10:44	10/11/25 07:37	1
o-Xylene	0.0010	U	0.0010	0.00047	mg/Kg	☼	10/10/25 10:44	10/11/25 07:37	1
sec-Butylbenzene	0.0010	U	0.0010	0.00029	mg/Kg	☼	10/10/25 10:44	10/11/25 07:37	1
Styrene	0.0010	U	0.0010	0.00028	mg/Kg	☼	10/10/25 10:44	10/11/25 07:37	1
tert-Butylbenzene	0.0010	U	0.0010	0.00028	mg/Kg	☼	10/10/25 10:44	10/11/25 07:37	1
Tetrachloroethene	0.0010	U	0.0010	0.00031	mg/Kg	☼	10/10/25 10:44	10/11/25 07:37	1
Toluene	**0.00045**	**J**	0.0010	0.00024	mg/Kg	☼	10/10/25 10:44	10/11/25 07:37	1
trans-1,2-Dichloroethene	0.0010	U	0.0010	0.00025	mg/Kg	☼	10/10/25 10:44	10/11/25 07:37	1
trans-1,3-Dichloropropene	0.0010	U	0.0010	0.00027	mg/Kg	☼	10/10/25 10:44	10/11/25 07:37	1
Trichloroethene	0.0010	U	0.0010	0.00032	mg/Kg	☼	10/10/25 10:44	10/11/25 07:37	1
Trichlorofluoromethane	0.0010	U	0.0010	0.00041	mg/Kg	☼	10/10/25 10:44	10/11/25 07:37	1
Vinyl chloride	0.0010	U	0.0010	0.00055	mg/Kg	☼	10/10/25 10:44	10/11/25 07:37	1
Xylenes, Total	0.0020	U	0.0020	0.00018	mg/Kg	☼	10/10/25 10:44	10/11/25 07:37	1

Client Sample ID: 44F1_1-2

Lab Sample ID: 460-336648-58

Date Collected: 10/07/25 12:05
Matrix: Solid
Date Received: 10/07/25 17:15
Percent Solids: 89.8

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,2-Dichloroethane-d4 (Surr)	*114*		*65 - 138*	*10/10/25 10:44*	*10/11/25 07:37*	*1*
4-Bromofluorobenzene	*98*		*71 - 128*	*10/10/25 10:44*	*10/11/25 07:37*	*1*
Dibromofluoromethane (Surr)	*121*		*50 - 150*	*10/10/25 10:44*	*10/11/25 07:37*	*1*
Toluene-d8 (Surr)	*93*		*71 - 126*	*10/10/25 10:44*	*10/11/25 07:37*	*1*

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Percent Moisture (EPA Moisture)	**10.2**		1.0	1.0	%			10/12/25 15:03	1
Percent Solids (EPA Moisture)	**89.8**		1.0	1.0	%			10/12/25 15:03	1

Client Sample ID: 44F2_2-3

Lab Sample ID: 460-336648-59

Date Collected: 10/07/25 12:10
Matrix: Solid
Date Received: 10/07/25 17:15
Percent Solids: 93.9

Method: SW846 8260D - Volatile Organic Compounds by GC/MS

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1-Trichloroethane	0.00096	U	0.00096	0.00022	mg/Kg	☼	10/10/25 10:44	10/11/25 08:00	1
1,1,2,2-Tetrachloroethane	0.00096	U	0.00096	0.00050	mg/Kg	☼	10/10/25 10:44	10/11/25 08:00	1
1,1,2-Trichloro-1,2,2-trifluoroethane	0.00096	U	0.00096	0.00029	mg/Kg	☼	10/10/25 10:44	10/11/25 08:00	1
1,1,2-Trichloroethane	0.00096	U	0.00096	0.00058	mg/Kg	☼	10/10/25 10:44	10/11/25 08:00	1
1,1-Dichloroethane	0.00096	U	0.00096	0.00057	mg/Kg	☼	10/10/25 10:44	10/11/25 08:00	1
1,1-Dichloroethene	0.00096	U	0.00096	0.00022	mg/Kg	☼	10/10/25 10:44	10/11/25 08:00	1
1,2,3-Trichlorobenzene	0.00096	U	0.00096	0.00071	mg/Kg	☼	10/10/25 10:44	10/11/25 08:00	1
1,2,4-Trichlorobenzene	0.00096	U	0.00096	0.00034	mg/Kg	☼	10/10/25 10:44	10/11/25 08:00	1
1,2,4-Trimethylbenzene	0.00096	U	0.00096	0.00024	mg/Kg	☼	10/10/25 10:44	10/11/25 08:00	1
1,2-Dibromo-3-Chloropropane	0.00096	U	0.00096	0.00044	mg/Kg	☼	10/10/25 10:44	10/11/25 08:00	1
1,2-Dichlorobenzene	0.00096	U	0.00096	0.00035	mg/Kg	☼	10/10/25 10:44	10/11/25 08:00	1
1,2-Dichloroethane	0.00096	U	0.00096	0.00028	mg/Kg	☼	10/10/25 10:44	10/11/25 08:00	1
1,2-Dichloropropane	0.00096	U	0.00096	0.00041	mg/Kg	☼	10/10/25 10:44	10/11/25 08:00	1
1,3,5-Trimethylbenzene	0.00096	U	0.00096	0.00030	mg/Kg	☼	10/10/25 10:44	10/11/25 08:00	1
1,3-Dichlorobenzene	0.00096	U	0.00096	0.00035	mg/Kg	☼	10/10/25 10:44	10/11/25 08:00	1
1,4-Dichlorobenzene	0.00096	U	0.00096	0.00050	mg/Kg	☼	10/10/25 10:44	10/11/25 08:00	1
2-Butanone (MEK)	0.0048	U	0.0048	0.00035	mg/Kg	☼	10/10/25 10:44	10/11/25 08:00	1
2-Hexanone	0.0048	U *	0.0048	0.0016	mg/Kg	☼	10/10/25 10:44	10/11/25 08:00	1
4-Methyl-2-pentanone (MIBK)	0.0048	U *	0.0048	0.0015	mg/Kg	☼	10/10/25 10:44	10/11/25 08:00	1
Acetone	0.0058	U	0.0058	0.0055	mg/Kg	☼	10/10/25 10:44	10/11/25 08:00	1
Benzene	0.00096	U	0.00096	0.00054	mg/Kg	☼	10/10/25 10:44	10/11/25 08:00	1
Bromoform	0.00096	U	0.00096	0.00041	mg/Kg	☼	10/10/25 10:44	10/11/25 08:00	1
Bromomethane	0.0019	U	0.0019	0.00096	mg/Kg	☼	10/10/25 10:44	10/11/25 08:00	1
Carbon disulfide	0.00096	U	0.00096	0.00026	mg/Kg	☼	10/10/25 10:44	10/11/25 08:00	1
Carbon tetrachloride	0.00096	U	0.00096	0.00037	mg/Kg	☼	10/10/25 10:44	10/11/25 08:00	1
Chlorobenzene	0.00096	U	0.00096	0.00049	mg/Kg	☼	10/10/25 10:44	10/11/25 08:00	1
Chlorobromomethane	0.00096	U	0.00096	0.00057	mg/Kg	☼	10/10/25 10:44	10/11/25 08:00	1
Chlorodibromomethane	0.00096	U	0.00096	0.00052	mg/Kg	☼	10/10/25 10:44	10/11/25 08:00	1
Chloroethane	0.00096	U	0.00096	0.00050	mg/Kg	☼	10/10/25 10:44	10/11/25 08:00	1
Chloroform	0.00096	U	0.00096	0.00093	mg/Kg	☼	10/10/25 10:44	10/11/25 08:00	1
Chloromethane	0.00096	U	0.00096	0.00042	mg/Kg	☼	10/10/25 10:44	10/11/25 08:00	1
cis-1,2-Dichloroethene	0.00096	U	0.00096	0.00034	mg/Kg	☼	10/10/25 10:44	10/11/25 08:00	1
cis-1,3-Dichloropropene	0.00096	U	0.00096	0.00026	mg/Kg	☼	10/10/25 10:44	10/11/25 08:00	1
Cyclohexane	0.00096	U	0.00096	0.00021	mg/Kg	☼	10/10/25 10:44	10/11/25 08:00	1
Dichlorobromomethane	0.00096	U	0.00096	0.00025	mg/Kg	☼	10/10/25 10:44	10/11/25 08:00	1

Client Sample ID: 44F2_2-3

Lab Sample ID: 460-336648-59

Date Collected: 10/07/25 12:10
Matrix: Solid
Date Received: 10/07/25 17:15
Percent Solids: 93.9

Method: SW846 8260D - Volatile Organic Compounds by GC/MS (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Dichlorodifluoromethane	0.00096	U	0.00096	0.00032	mg/Kg	☼	10/10/25 10:44	10/11/25 08:00	1
Ethylbenzene	0.00096	U	0.00096	0.00045	mg/Kg	☼	10/10/25 10:44	10/11/25 08:00	1
Ethylene Dibromide	0.00096	U	0.00096	0.00048	mg/Kg	☼	10/10/25 10:44	10/11/25 08:00	1
Isopropylbenzene	0.00096	U	0.00096	0.00027	mg/Kg	☼	10/10/25 10:44	10/11/25 08:00	1
Methyl acetate	0.0048	U	0.0048	0.0041	mg/Kg	☼	10/10/25 10:44	10/11/25 08:00	1
Methyl tert-butyl ether	0.00096	U	0.00096	0.00049	mg/Kg	☼	10/10/25 10:44	10/11/25 08:00	1
Methylcyclohexane	0.00096	U	0.00096	0.00048	mg/Kg	☼	10/10/25 10:44	10/11/25 08:00	1
Methylene Chloride	0.0019	U	0.0019	0.0011	mg/Kg	☼	10/10/25 10:44	10/11/25 08:00	1
m-Xylene & p-Xylene	0.00096	U	0.00096	0.00041	mg/Kg	☼	10/10/25 10:44	10/11/25 08:00	1
n-Butylbenzene	0.00096	U	0.00096	0.00028	mg/Kg	☼	10/10/25 10:44	10/11/25 08:00	1
N-Propylbenzene	0.00096	U	0.00096	0.00043	mg/Kg	☼	10/10/25 10:44	10/11/25 08:00	1
o-Xylene	0.00096	U	0.00096	0.00044	mg/Kg	☼	10/10/25 10:44	10/11/25 08:00	1
sec-Butylbenzene	0.00096	U	0.00096	0.00028	mg/Kg	☼	10/10/25 10:44	10/11/25 08:00	1
Styrene	0.00096	U	0.00096	0.00027	mg/Kg	☼	10/10/25 10:44	10/11/25 08:00	1
tert-Butylbenzene	0.00096	U	0.00096	0.00027	mg/Kg	☼	10/10/25 10:44	10/11/25 08:00	1
Tetrachloroethene	0.00096	U	0.00096	0.00029	mg/Kg	☼	10/10/25 10:44	10/11/25 08:00	1
Toluene	0.00096	U	0.00096	0.00022	mg/Kg	☼	10/10/25 10:44	10/11/25 08:00	1
trans-1,2-Dichloroethene	0.00096	U	0.00096	0.00024	mg/Kg	☼	10/10/25 10:44	10/11/25 08:00	1
trans-1,3-Dichloropropene	0.00096	U	0.00096	0.00026	mg/Kg	☼	10/10/25 10:44	10/11/25 08:00	1
Trichloroethene	0.00096	U	0.00096	0.00031	mg/Kg	☼	10/10/25 10:44	10/11/25 08:00	1
Trichlorofluoromethane	0.00096	U	0.00096	0.00039	mg/Kg	☼	10/10/25 10:44	10/11/25 08:00	1
Vinyl chloride	0.00096	U	0.00096	0.00052	mg/Kg	☼	10/10/25 10:44	10/11/25 08:00	1
Xylenes, Total	0.0019	U	0.0019	0.00017	mg/Kg	☼	10/10/25 10:44	10/11/25 08:00	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,2-Dichloroethane-d4 (Surr)	*110*		*65 - 138*	*10/10/25 10:44*	*10/11/25 08:00*	*1*
4-Bromofluorobenzene	*102*		*71 - 128*	*10/10/25 10:44*	*10/11/25 08:00*	*1*
Dibromofluoromethane (Surr)	*119*		*50 - 150*	*10/10/25 10:44*	*10/11/25 08:00*	*1*
Toluene-d8 (Surr)	*93*		*71 - 126*	*10/10/25 10:44*	*10/11/25 08:00*	*1*

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Percent Moisture (EPA Moisture)	**6.1**		1.0	1.0	%			10/12/25 15:03	1
Percent Solids (EPA Moisture)	**93.9**		1.0	1.0	%			10/12/25 15:03	1

Client Sample ID: 44F3_4-5

Lab Sample ID: 460-336648-60

Date Collected: 10/07/25 12:15
Matrix: Solid
Date Received: 10/07/25 17:15
Percent Solids: 97.4

Method: SW846 8260D - Volatile Organic Compounds by GC/MS

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1-Trichloroethane	0.0012	U	0.0012	0.00027	mg/Kg	☼	10/10/25 10:44	10/11/25 08:23	1
1,1,2,2-Tetrachloroethane	0.0012	U	0.0012	0.00061	mg/Kg	☼	10/10/25 10:44	10/11/25 08:23	1
1,1,2-Trichloro-1,2,2-trifluoroethane	0.0012	U	0.0012	0.00035	mg/Kg	☼	10/10/25 10:44	10/11/25 08:23	1
1,1,2-Trichloroethane	0.0012	U	0.0012	0.00070	mg/Kg	☼	10/10/25 10:44	10/11/25 08:23	1
1,1-Dichloroethane	0.0012	U	0.0012	0.00069	mg/Kg	☼	10/10/25 10:44	10/11/25 08:23	1
1,1-Dichloroethene	0.0012	U	0.0012	0.00026	mg/Kg	☼	10/10/25 10:44	10/11/25 08:23	1
1,2,3-Trichlorobenzene	0.0012	U	0.0012	0.00086	mg/Kg	☼	10/10/25 10:44	10/11/25 08:23	1
1,2,4-Trichlorobenzene	0.0012	U	0.0012	0.00042	mg/Kg	☼	10/10/25 10:44	10/11/25 08:23	1
1,2,4-Trimethylbenzene	0.0012	U	0.0012	0.00029	mg/Kg	☼	10/10/25 10:44	10/11/25 08:23	1

Client: Haley & Aldrich, Inc.
Project/Site: Former Port Mobil

Job ID: 460-336648-1

Client Sample ID: 44F3_4-5
Date Collected: 10/07/25 12:15
Date Received: 10/07/25 17:15

Lab Sample ID: 460-336648-60
Matrix: Solid
Percent Solids: 97.4

Method: SW846 8260D - Volatile Organic Compounds by GC/MS (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,2-Dibromo-3-Chloropropane	0.0012	U	0.0012	0.00053	mg/Kg	☼	10/10/25 10:44	10/11/25 08:23	1
1,2-Dichlorobenzene	0.0012	U	0.0012	0.00042	mg/Kg	☼	10/10/25 10:44	10/11/25 08:23	1
1,2-Dichloroethane	0.0012	U	0.0012	0.00034	mg/Kg	☼	10/10/25 10:44	10/11/25 08:23	1
1,2-Dichloropropane	0.0012	U	0.0012	0.00049	mg/Kg	☼	10/10/25 10:44	10/11/25 08:23	1
1,3,5-Trimethylbenzene	0.0012	U	0.0012	0.00036	mg/Kg	☼	10/10/25 10:44	10/11/25 08:23	1
1,3-Dichlorobenzene	0.0012	U	0.0012	0.00042	mg/Kg	☼	10/10/25 10:44	10/11/25 08:23	1
1,4-Dichlorobenzene	0.0012	U	0.0012	0.00060	mg/Kg	☼	10/10/25 10:44	10/11/25 08:23	1
2-Butanone (MEK)	0.0058	U	0.0058	0.00043	mg/Kg	☼	10/10/25 10:44	10/11/25 08:23	1
2-Hexanone	0.0058	U *	0.0058	0.0020	mg/Kg	☼	10/10/25 10:44	10/11/25 08:23	1
4-Methyl-2-pentanone (MIBK)	0.0058	U *	0.0058	0.0018	mg/Kg	☼	10/10/25 10:44	10/11/25 08:23	1
Acetone	0.0070	U	0.0070	0.0066	mg/Kg	☼	10/10/25 10:44	10/11/25 08:23	1
Benzene	0.0012	U	0.0012	0.00066	mg/Kg	☼	10/10/25 10:44	10/11/25 08:23	1
Bromoform	0.0012	U	0.0012	0.00049	mg/Kg	☼	10/10/25 10:44	10/11/25 08:23	1
Bromomethane	0.0023	U	0.0023	0.0012	mg/Kg	☼	10/10/25 10:44	10/11/25 08:23	1
Carbon disulfide	0.0012	U	0.0012	0.00031	mg/Kg	☼	10/10/25 10:44	10/11/25 08:23	1
Carbon tetrachloride	0.0012	U	0.0012	0.00045	mg/Kg	☼	10/10/25 10:44	10/11/25 08:23	1
Chlorobenzene	0.0012	U	0.0012	0.00059	mg/Kg	☼	10/10/25 10:44	10/11/25 08:23	1
Chlorobromomethane	0.0012	U	0.0012	0.00069	mg/Kg	☼	10/10/25 10:44	10/11/25 08:23	1
Chlorodibromomethane	0.0012	U	0.0012	0.00062	mg/Kg	☼	10/10/25 10:44	10/11/25 08:23	1
Chloroethane	0.0012	U	0.0012	0.00061	mg/Kg	☼	10/10/25 10:44	10/11/25 08:23	1
Chloroform	0.0012	U	0.0012	0.0011	mg/Kg	☼	10/10/25 10:44	10/11/25 08:23	1
Chloromethane	0.0012	U	0.0012	0.00051	mg/Kg	☼	10/10/25 10:44	10/11/25 08:23	1
cis-1,2-Dichloroethene	0.0012	U	0.0012	0.00042	mg/Kg	☼	10/10/25 10:44	10/11/25 08:23	1
cis-1,3-Dichloropropene	0.0012	U	0.0012	0.00032	mg/Kg	☼	10/10/25 10:44	10/11/25 08:23	1
Cyclohexane	0.0012	U	0.0012	0.00026	mg/Kg	☼	10/10/25 10:44	10/11/25 08:23	1
Dichlorobromomethane	0.0012	U	0.0012	0.00030	mg/Kg	☼	10/10/25 10:44	10/11/25 08:23	1
Dichlorodifluoromethane	0.0012	U	0.0012	0.00039	mg/Kg	☼	10/10/25 10:44	10/11/25 08:23	1
Ethylbenzene	0.0012	U	0.0012	0.00054	mg/Kg	☼	10/10/25 10:44	10/11/25 08:23	1
Ethylene Dibromide	0.0012	U	0.0012	0.00059	mg/Kg	☼	10/10/25 10:44	10/11/25 08:23	1
Isopropylbenzene	0.0012	U	0.0012	0.00033	mg/Kg	☼	10/10/25 10:44	10/11/25 08:23	1
Methyl acetate	0.0058	U	0.0058	0.0050	mg/Kg	☼	10/10/25 10:44	10/11/25 08:23	1
Methyl tert-butyl ether	0.0012	U	0.0012	0.00060	mg/Kg	☼	10/10/25 10:44	10/11/25 08:23	1
Methylcyclohexane	0.0012	U	0.0012	0.00058	mg/Kg	☼	10/10/25 10:44	10/11/25 08:23	1
Methylene Chloride	0.0023	U	0.0023	0.0013	mg/Kg	☼	10/10/25 10:44	10/11/25 08:23	1
m-Xylene & p-Xylene	0.0012	U	0.0012	0.00049	mg/Kg	☼	10/10/25 10:44	10/11/25 08:23	1
n-Butylbenzene	0.0012	U	0.0012	0.00034	mg/Kg	☼	10/10/25 10:44	10/11/25 08:23	1
N-Propylbenzene	0.0012	U	0.0012	0.00052	mg/Kg	☼	10/10/25 10:44	10/11/25 08:23	1
o-Xylene	0.0012	U	0.0012	0.00054	mg/Kg	☼	10/10/25 10:44	10/11/25 08:23	1
sec-Butylbenzene	0.0012	U	0.0012	0.00033	mg/Kg	☼	10/10/25 10:44	10/11/25 08:23	1
Styrene	0.0012	U	0.0012	0.00032	mg/Kg	☼	10/10/25 10:44	10/11/25 08:23	1
tert-Butylbenzene	0.0012	U	0.0012	0.00032	mg/Kg	☼	10/10/25 10:44	10/11/25 08:23	1
Tetrachloroethene	0.0012	U	0.0012	0.00035	mg/Kg	☼	10/10/25 10:44	10/11/25 08:23	1
Toluene	0.0012	U	0.0012	0.00027	mg/Kg	☼	10/10/25 10:44	10/11/25 08:23	1
trans-1,2-Dichloroethene	0.0012	U	0.0012	0.00029	mg/Kg	☼	10/10/25 10:44	10/11/25 08:23	1
trans-1,3-Dichloropropene	0.0012	U	0.0012	0.00031	mg/Kg	☼	10/10/25 10:44	10/11/25 08:23	1
Trichloroethene	0.0012	U	0.0012	0.00037	mg/Kg	☼	10/10/25 10:44	10/11/25 08:23	1
Trichlorofluoromethane	0.0012	U	0.0012	0.00047	mg/Kg	☼	10/10/25 10:44	10/11/25 08:23	1
Vinyl chloride	0.0012	U	0.0012	0.00063	mg/Kg	☼	10/10/25 10:44	10/11/25 08:23	1
Xylenes, Total	0.0023	U	0.0023	0.00020	mg/Kg	☼	10/10/25 10:44	10/11/25 08:23	1

Client Sample ID: 44F3_4-5

Lab Sample ID: 460-336648-60

Date Collected: 10/07/25 12:15
Matrix: Solid
Date Received: 10/07/25 17:15
Percent Solids: 97.4

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,2-Dichloroethane-d4 (Surr)	*113*		*65 - 138*	*10/10/25 10:44*	*10/11/25 08:23*	*1*
4-Bromofluorobenzene	*102*		*71 - 128*	*10/10/25 10:44*	*10/11/25 08:23*	*1*
Dibromofluoromethane (Surr)	*120*		*50 - 150*	*10/10/25 10:44*	*10/11/25 08:23*	*1*
Toluene-d8 (Surr)	*93*		*71 - 126*	*10/10/25 10:44*	*10/11/25 08:23*	*1*

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Percent Moisture (EPA Moisture)	**2.6**		1.0	1.0	%			10/12/25 15:03	1
Percent Solids (EPA Moisture)	**97.4**		1.0	1.0	%			10/12/25 15:03	1

Client Sample ID: 44F1_5-6

Lab Sample ID: 460-336648-61

Date Collected: 10/07/25 12:20
Matrix: Solid
Date Received: 10/07/25 17:15
Percent Solids: 92.2

Method: SW846 8260D - Volatile Organic Compounds by GC/MS

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1-Trichloroethane	0.00096	U	0.00096	0.00022	mg/Kg	☼	10/10/25 10:45	10/11/25 08:46	1
1,1,2,2-Tetrachloroethane	0.00096	U	0.00096	0.00050	mg/Kg	☼	10/10/25 10:45	10/11/25 08:46	1
1,1,2-Trichloro-1,2,2-trifluoroethane	0.00096	U	0.00096	0.00029	mg/Kg	☼	10/10/25 10:45	10/11/25 08:46	1
1,1,2-Trichloroethane	0.00096	U	0.00096	0.00057	mg/Kg	☼	10/10/25 10:45	10/11/25 08:46	1
1,1-Dichloroethane	0.00096	U	0.00096	0.00057	mg/Kg	☼	10/10/25 10:45	10/11/25 08:46	1
1,1-Dichloroethene	0.00096	U	0.00096	0.00021	mg/Kg	☼	10/10/25 10:45	10/11/25 08:46	1
1,2,3-Trichlorobenzene	0.00096	U	0.00096	0.00071	mg/Kg	☼	10/10/25 10:45	10/11/25 08:46	1
1,2,4-Trichlorobenzene	0.00096	U	0.00096	0.00034	mg/Kg	☼	10/10/25 10:45	10/11/25 08:46	1
1,2,4-Trimethylbenzene	0.00096	U	0.00096	0.00024	mg/Kg	☼	10/10/25 10:45	10/11/25 08:46	1
1,2-Dibromo-3-Chloropropane	0.00096	U	0.00096	0.00044	mg/Kg	☼	10/10/25 10:45	10/11/25 08:46	1
1,2-Dichlorobenzene	0.00096	U	0.00096	0.00034	mg/Kg	☼	10/10/25 10:45	10/11/25 08:46	1
1,2-Dichloroethane	0.00096	U	0.00096	0.00028	mg/Kg	☼	10/10/25 10:45	10/11/25 08:46	1
1,2-Dichloropropane	0.00096	U	0.00096	0.00040	mg/Kg	☼	10/10/25 10:45	10/11/25 08:46	1
1,3,5-Trimethylbenzene	0.00096	U	0.00096	0.00030	mg/Kg	☼	10/10/25 10:45	10/11/25 08:46	1
1,3-Dichlorobenzene	0.00096	U	0.00096	0.00035	mg/Kg	☼	10/10/25 10:45	10/11/25 08:46	1
1,4-Dichlorobenzene	0.00096	U	0.00096	0.00050	mg/Kg	☼	10/10/25 10:45	10/11/25 08:46	1
2-Butanone (MEK)	0.0048	U	0.0048	0.00035	mg/Kg	☼	10/10/25 10:45	10/11/25 08:46	1
2-Hexanone	0.0048	U *	0.0048	0.0016	mg/Kg	☼	10/10/25 10:45	10/11/25 08:46	1
4-Methyl-2-pentanone (MIBK)	0.0048	U *	0.0048	0.0015	mg/Kg	☼	10/10/25 10:45	10/11/25 08:46	1
Acetone	0.0057	U	0.0057	0.0055	mg/Kg	☼	10/10/25 10:45	10/11/25 08:46	1
Benzene	0.00096	U	0.00096	0.00054	mg/Kg	☼	10/10/25 10:45	10/11/25 08:46	1
Bromoform	0.00096	U	0.00096	0.00041	mg/Kg	☼	10/10/25 10:45	10/11/25 08:46	1
Bromomethane	0.0019	U	0.0019	0.00096	mg/Kg	☼	10/10/25 10:45	10/11/25 08:46	1
Carbon disulfide	0.00096	U	0.00096	0.00025	mg/Kg	☼	10/10/25 10:45	10/11/25 08:46	1
Carbon tetrachloride	0.00096	U	0.00096	0.00037	mg/Kg	☼	10/10/25 10:45	10/11/25 08:46	1
Chlorobenzene	0.00096	U	0.00096	0.00048	mg/Kg	☼	10/10/25 10:45	10/11/25 08:46	1
Chlorobromomethane	0.00096	U	0.00096	0.00057	mg/Kg	☼	10/10/25 10:45	10/11/25 08:46	1
Chlorodibromomethane	0.00096	U	0.00096	0.00051	mg/Kg	☼	10/10/25 10:45	10/11/25 08:46	1
Chloroethane	0.00096	U	0.00096	0.00050	mg/Kg	☼	10/10/25 10:45	10/11/25 08:46	1
Chloroform	0.00096	U	0.00096	0.00093	mg/Kg	☼	10/10/25 10:45	10/11/25 08:46	1
Chloromethane	0.00096	U	0.00096	0.00042	mg/Kg	☼	10/10/25 10:45	10/11/25 08:46	1
cis-1,2-Dichloroethene	0.00096	U	0.00096	0.00034	mg/Kg	☼	10/10/25 10:45	10/11/25 08:46	1
cis-1,3-Dichloropropene	0.00096	U	0.00096	0.00026	mg/Kg	☼	10/10/25 10:45	10/11/25 08:46	1
Cyclohexane	0.00096	U	0.00096	0.00021	mg/Kg	☼	10/10/25 10:45	10/11/25 08:46	1
Dichlorobromomethane	0.00096	U	0.00096	0.00025	mg/Kg	☼	10/10/25 10:45	10/11/25 08:46	1

Client Sample ID: 44F1_5-6

Lab Sample ID: 460-336648-61

Date Collected: 10/07/25 12:20
Matrix: Solid
Date Received: 10/07/25 17:15
Percent Solids: 92.2

Method: SW846 8260D - Volatile Organic Compounds by GC/MS (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Dichlorodifluoromethane	0.00096	U	0.00096	0.00032	mg/Kg	☼	10/10/25 10:45	10/11/25 08:46	1
Ethylbenzene	0.00096	U	0.00096	0.00045	mg/Kg	☼	10/10/25 10:45	10/11/25 08:46	1
Ethylene Dibromide	0.00096	U	0.00096	0.00048	mg/Kg	☼	10/10/25 10:45	10/11/25 08:46	1
Isopropylbenzene	0.00096	U	0.00096	0.00027	mg/Kg	☼	10/10/25 10:45	10/11/25 08:46	1
Methyl acetate	0.0048	U	0.0048	0.0041	mg/Kg	☼	10/10/25 10:45	10/11/25 08:46	1
Methyl tert-butyl ether	0.00096	U	0.00096	0.00049	mg/Kg	☼	10/10/25 10:45	10/11/25 08:46	1
Methylcyclohexane	0.00096	U	0.00096	0.00048	mg/Kg	☼	10/10/25 10:45	10/11/25 08:46	1
Methylene Chloride	0.0019	U	0.0019	0.0011	mg/Kg	☼	10/10/25 10:45	10/11/25 08:46	1
m-Xylene & p-Xylene	0.00096	U	0.00096	0.00040	mg/Kg	☼	10/10/25 10:45	10/11/25 08:46	1
n-Butylbenzene	0.00096	U	0.00096	0.00028	mg/Kg	☼	10/10/25 10:45	10/11/25 08:46	1
N-Propylbenzene	0.00096	U	0.00096	0.00043	mg/Kg	☼	10/10/25 10:45	10/11/25 08:46	1
o-Xylene	0.00096	U	0.00096	0.00044	mg/Kg	☼	10/10/25 10:45	10/11/25 08:46	1
sec-Butylbenzene	0.00096	U	0.00096	0.00028	mg/Kg	☼	10/10/25 10:45	10/11/25 08:46	1
Styrene	0.00096	U	0.00096	0.00027	mg/Kg	☼	10/10/25 10:45	10/11/25 08:46	1
tert-Butylbenzene	0.00096	U	0.00096	0.00026	mg/Kg	☼	10/10/25 10:45	10/11/25 08:46	1
Tetrachloroethene	0.00096	U	0.00096	0.00029	mg/Kg	☼	10/10/25 10:45	10/11/25 08:46	1
Toluene	**0.00041**	**J**	0.00096	0.00022	mg/Kg	☼	10/10/25 10:45	10/11/25 08:46	1
trans-1,2-Dichloroethene	0.00096	U	0.00096	0.00024	mg/Kg	☼	10/10/25 10:45	10/11/25 08:46	1
trans-1,3-Dichloropropene	0.00096	U	0.00096	0.00025	mg/Kg	☼	10/10/25 10:45	10/11/25 08:46	1
Trichloroethene	0.00096	U	0.00096	0.00031	mg/Kg	☼	10/10/25 10:45	10/11/25 08:46	1
Trichlorofluoromethane	0.00096	U	0.00096	0.00039	mg/Kg	☼	10/10/25 10:45	10/11/25 08:46	1
Vinyl chloride	0.00096	U	0.00096	0.00052	mg/Kg	☼	10/10/25 10:45	10/11/25 08:46	1
Xylenes, Total	0.0019	U	0.0019	0.00017	mg/Kg	☼	10/10/25 10:45	10/11/25 08:46	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,2-Dichloroethane-d4 (Surr)	*110*		*65 - 138*	*10/10/25 10:45*	*10/11/25 08:46*	*1*
4-Bromofluorobenzene	*101*		*71 - 128*	*10/10/25 10:45*	*10/11/25 08:46*	*1*
Dibromofluoromethane (Surr)	*121*		*50 - 150*	*10/10/25 10:45*	*10/11/25 08:46*	*1*
Toluene-d8 (Surr)	*92*		*71 - 126*	*10/10/25 10:45*	*10/11/25 08:46*	*1*

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Percent Moisture (EPA Moisture)	**7.8**		1.0	1.0	%			10/12/25 15:03	1
Percent Solids (EPA Moisture)	**92.2**		1.0	1.0	%			10/12/25 15:03	1

Client Sample ID: 44F2_6-7

Lab Sample ID: 460-336648-62

Date Collected: 10/07/25 12:25
Matrix: Solid
Date Received: 10/07/25 17:15
Percent Solids: 94.2

Method: SW846 8260D - Volatile Organic Compounds by GC/MS

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1-Trichloroethane	0.0011	U	0.0011	0.00026	mg/Kg	☼	10/10/25 10:45	10/11/25 09:09	1
1,1,2,2-Tetrachloroethane	0.0011	U	0.0011	0.00059	mg/Kg	☼	10/10/25 10:45	10/11/25 09:09	1
1,1,2-Trichloro-1,2,2-trifluoroethane	0.0011	U	0.0011	0.00034	mg/Kg	☼	10/10/25 10:45	10/11/25 09:09	1
1,1,2-Trichloroethane	0.0011	U	0.0011	0.00068	mg/Kg	☼	10/10/25 10:45	10/11/25 09:09	1
1,1-Dichloroethane	0.0011	U	0.0011	0.00067	mg/Kg	☼	10/10/25 10:45	10/11/25 09:09	1
1,1-Dichloroethene	0.0011	U	0.0011	0.00025	mg/Kg	☼	10/10/25 10:45	10/11/25 09:09	1
1,2,3-Trichlorobenzene	0.0011	U	0.0011	0.00083	mg/Kg	☼	10/10/25 10:45	10/11/25 09:09	1
1,2,4-Trichlorobenzene	0.0011	U	0.0011	0.00040	mg/Kg	☼	10/10/25 10:45	10/11/25 09:09	1
1,2,4-Trimethylbenzene	0.0011	U	0.0011	0.00028	mg/Kg	☼	10/10/25 10:45	10/11/25 09:09	1

Client: Haley & Aldrich, Inc.
Project/Site: Former Port Mobil

Job ID: 460-336648-1

Client Sample ID: 44F2_6-7
Date Collected: 10/07/25 12:25
Date Received: 10/07/25 17:15

Lab Sample ID: 460-336648-62
Matrix: Solid
Percent Solids: 94.2

Method: SW846 8260D - Volatile Organic Compounds by GC/MS (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,2-Dibromo-3-Chloropropane	0.0011	U	0.0011	0.00052	mg/Kg	☼	10/10/25 10:45	10/11/25 09:09	1
1,2-Dichlorobenzene	0.0011	U	0.0011	0.00041	mg/Kg	☼	10/10/25 10:45	10/11/25 09:09	1
1,2-Dichloroethane	0.0011	U	0.0011	0.00033	mg/Kg	☼	10/10/25 10:45	10/11/25 09:09	1
1,2-Dichloropropane	0.0011	U	0.0011	0.00048	mg/Kg	☼	10/10/25 10:45	10/11/25 09:09	1
1,3,5-Trimethylbenzene	0.0011	U	0.0011	0.00035	mg/Kg	☼	10/10/25 10:45	10/11/25 09:09	1
1,3-Dichlorobenzene	0.0011	U	0.0011	0.00041	mg/Kg	☼	10/10/25 10:45	10/11/25 09:09	1
1,4-Dichlorobenzene	0.0011	U	0.0011	0.00058	mg/Kg	☼	10/10/25 10:45	10/11/25 09:09	1
2-Butanone (MEK)	0.0056	U	0.0056	0.00041	mg/Kg	☼	10/10/25 10:45	10/11/25 09:09	1
2-Hexanone	0.0056	U *	0.0056	0.0019	mg/Kg	☼	10/10/25 10:45	10/11/25 09:09	1
4-Methyl-2-pentanone (MIBK)	0.0056	U *	0.0056	0.0017	mg/Kg	☼	10/10/25 10:45	10/11/25 09:09	1
Acetone	0.0067	U	0.0067	0.0064	mg/Kg	☼	10/10/25 10:45	10/11/25 09:09	1
Benzene	0.0011	U	0.0011	0.00064	mg/Kg	☼	10/10/25 10:45	10/11/25 09:09	1
Bromoform	0.0011	U	0.0011	0.00048	mg/Kg	☼	10/10/25 10:45	10/11/25 09:09	1
Bromomethane	0.0022	U	0.0022	0.0011	mg/Kg	☼	10/10/25 10:45	10/11/25 09:09	1
Carbon disulfide	0.0011	U	0.0011	0.00030	mg/Kg	☼	10/10/25 10:45	10/11/25 09:09	1
Carbon tetrachloride	0.0011	U	0.0011	0.00043	mg/Kg	☼	10/10/25 10:45	10/11/25 09:09	1
Chlorobenzene	0.0011	U	0.0011	0.00057	mg/Kg	☼	10/10/25 10:45	10/11/25 09:09	1
Chlorobromomethane	0.0011	U	0.0011	0.00067	mg/Kg	☼	10/10/25 10:45	10/11/25 09:09	1
Chlorodibromomethane	0.0011	U	0.0011	0.00060	mg/Kg	☼	10/10/25 10:45	10/11/25 09:09	1
Chloroethane	0.0011	U	0.0011	0.00059	mg/Kg	☼	10/10/25 10:45	10/11/25 09:09	1
Chloroform	0.0011	U	0.0011	0.0011	mg/Kg	☼	10/10/25 10:45	10/11/25 09:09	1
Chloromethane	0.0011	U	0.0011	0.00049	mg/Kg	☼	10/10/25 10:45	10/11/25 09:09	1
cis-1,2-Dichloroethene	0.0011	U	0.0011	0.00040	mg/Kg	☼	10/10/25 10:45	10/11/25 09:09	1
cis-1,3-Dichloropropene	0.0011	U	0.0011	0.00031	mg/Kg	☼	10/10/25 10:45	10/11/25 09:09	1
Cyclohexane	0.0011	U	0.0011	0.00025	mg/Kg	☼	10/10/25 10:45	10/11/25 09:09	1
Dichlorobromomethane	0.0011	U	0.0011	0.00029	mg/Kg	☼	10/10/25 10:45	10/11/25 09:09	1
Dichlorodifluoromethane	0.0011	U	0.0011	0.00038	mg/Kg	☼	10/10/25 10:45	10/11/25 09:09	1
Ethylbenzene	0.0011	U	0.0011	0.00053	mg/Kg	☼	10/10/25 10:45	10/11/25 09:09	1
Ethylene Dibromide	0.0011	U	0.0011	0.00057	mg/Kg	☼	10/10/25 10:45	10/11/25 09:09	1
Isopropylbenzene	0.0011	U	0.0011	0.00032	mg/Kg	☼	10/10/25 10:45	10/11/25 09:09	1
Methyl acetate	0.0056	U	0.0056	0.0048	mg/Kg	☼	10/10/25 10:45	10/11/25 09:09	1
Methyl tert-butyl ether	0.0011	U	0.0011	0.00058	mg/Kg	☼	10/10/25 10:45	10/11/25 09:09	1
Methylcyclohexane	0.0011	U	0.0011	0.00056	mg/Kg	☼	10/10/25 10:45	10/11/25 09:09	1
Methylene Chloride	0.0022	U	0.0022	0.0013	mg/Kg	☼	10/10/25 10:45	10/11/25 09:09	1
m-Xylene & p-Xylene	0.0011	U	0.0011	0.00048	mg/Kg	☼	10/10/25 10:45	10/11/25 09:09	1
n-Butylbenzene	0.0011	U	0.0011	0.00033	mg/Kg	☼	10/10/25 10:45	10/11/25 09:09	1
N-Propylbenzene	0.0011	U	0.0011	0.00050	mg/Kg	☼	10/10/25 10:45	10/11/25 09:09	1
o-Xylene	0.0011	U	0.0011	0.00052	mg/Kg	☼	10/10/25 10:45	10/11/25 09:09	1
sec-Butylbenzene	0.0011	U	0.0011	0.00032	mg/Kg	☼	10/10/25 10:45	10/11/25 09:09	1
Styrene	0.0011	U	0.0011	0.00031	mg/Kg	☼	10/10/25 10:45	10/11/25 09:09	1
tert-Butylbenzene	0.0011	U	0.0011	0.00031	mg/Kg	☼	10/10/25 10:45	10/11/25 09:09	1
Tetrachloroethene	0.0011	U	0.0011	0.00034	mg/Kg	☼	10/10/25 10:45	10/11/25 09:09	1
Toluene	0.0011	U	0.0011	0.00026	mg/Kg	☼	10/10/25 10:45	10/11/25 09:09	1
trans-1,2-Dichloroethene	0.0011	U	0.0011	0.00028	mg/Kg	☼	10/10/25 10:45	10/11/25 09:09	1
trans-1,3-Dichloropropene	0.0011	U	0.0011	0.00030	mg/Kg	☼	10/10/25 10:45	10/11/25 09:09	1
Trichloroethene	0.0011	U	0.0011	0.00036	mg/Kg	☼	10/10/25 10:45	10/11/25 09:09	1
Trichlorofluoromethane	0.0011	U	0.0011	0.00046	mg/Kg	☼	10/10/25 10:45	10/11/25 09:09	1
Vinyl chloride	0.0011	U	0.0011	0.00061	mg/Kg	☼	10/10/25 10:45	10/11/25 09:09	1
Xylenes, Total	0.0022	U	0.0022	0.00020	mg/Kg	☼	10/10/25 10:45	10/11/25 09:09	1

Client Sample ID: 44F2_6-7

Lab Sample ID: 460-336648-62

Date Collected: 10/07/25 12:25
Matrix: Solid
Date Received: 10/07/25 17:15
Percent Solids: 94.2

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,2-Dichloroethane-d4 (Surr)	*115*		*65 - 138*	*10/10/25 10:45*	*10/11/25 09:09*	*1*
4-Bromofluorobenzene	*99*		*71 - 128*	*10/10/25 10:45*	*10/11/25 09:09*	*1*
Dibromofluoromethane (Surr)	*125*		*50 - 150*	*10/10/25 10:45*	*10/11/25 09:09*	*1*
Toluene-d8 (Surr)	*93*		*71 - 126*	*10/10/25 10:45*	*10/11/25 09:09*	*1*

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Percent Moisture (EPA Moisture)	**5.8**		1.0	1.0	%			10/12/25 15:03	1
Percent Solids (EPA Moisture)	**94.2**		1.0	1.0	%			10/12/25 15:03	1

Client Sample ID: 44F3_7-8

Lab Sample ID: 460-336648-63

Date Collected: 10/07/25 12:30
Matrix: Solid
Date Received: 10/07/25 17:15
Percent Solids: 98.6

Method: SW846 8260D - Volatile Organic Compounds by GC/MS

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1-Trichloroethane	0.00096	U	0.00096	0.00022	mg/Kg	☼	10/10/25 10:45	10/11/25 09:32	1
1,1,2,2-Tetrachloroethane	0.00096	U	0.00096	0.00050	mg/Kg	☼	10/10/25 10:45	10/11/25 09:32	1
1,1,2-Trichloro-1,2,2-trifluoroethane	0.00096	U	0.00096	0.00029	mg/Kg	☼	10/10/25 10:45	10/11/25 09:32	1
1,1,2-Trichloroethane	0.00096	U	0.00096	0.00057	mg/Kg	☼	10/10/25 10:45	10/11/25 09:32	1
1,1-Dichloroethane	0.00096	U	0.00096	0.00057	mg/Kg	☼	10/10/25 10:45	10/11/25 09:32	1
1,1-Dichloroethene	0.00096	U	0.00096	0.00022	mg/Kg	☼	10/10/25 10:45	10/11/25 09:32	1
1,2,3-Trichlorobenzene	0.00096	U	0.00096	0.00071	mg/Kg	☼	10/10/25 10:45	10/11/25 09:32	1
1,2,4-Trichlorobenzene	0.00096	U	0.00096	0.00034	mg/Kg	☼	10/10/25 10:45	10/11/25 09:32	1
1,2,4-Trimethylbenzene	0.00096	U	0.00096	0.00024	mg/Kg	☼	10/10/25 10:45	10/11/25 09:32	1
1,2-Dibromo-3-Chloropropane	0.00096	U	0.00096	0.00044	mg/Kg	☼	10/10/25 10:45	10/11/25 09:32	1
1,2-Dichlorobenzene	0.00096	U	0.00096	0.00034	mg/Kg	☼	10/10/25 10:45	10/11/25 09:32	1
1,2-Dichloroethane	0.00096	U	0.00096	0.00028	mg/Kg	☼	10/10/25 10:45	10/11/25 09:32	1
1,2-Dichloropropane	0.00096	U	0.00096	0.00040	mg/Kg	☼	10/10/25 10:45	10/11/25 09:32	1
1,3,5-Trimethylbenzene	0.00096	U	0.00096	0.00030	mg/Kg	☼	10/10/25 10:45	10/11/25 09:32	1
1,3-Dichlorobenzene	0.00096	U	0.00096	0.00035	mg/Kg	☼	10/10/25 10:45	10/11/25 09:32	1
1,4-Dichlorobenzene	0.00096	U	0.00096	0.00050	mg/Kg	☼	10/10/25 10:45	10/11/25 09:32	1
2-Butanone (MEK)	0.0048	U	0.0048	0.00035	mg/Kg	☼	10/10/25 10:45	10/11/25 09:32	1
2-Hexanone	0.0048	U *	0.0048	0.0016	mg/Kg	☼	10/10/25 10:45	10/11/25 09:32	1
4-Methyl-2-pentanone (MIBK)	0.0048	U *	0.0048	0.0015	mg/Kg	☼	10/10/25 10:45	10/11/25 09:32	1
Acetone	0.0057	U	0.0057	0.0055	mg/Kg	☼	10/10/25 10:45	10/11/25 09:32	1
Benzene	0.00096	U	0.00096	0.00054	mg/Kg	☼	10/10/25 10:45	10/11/25 09:32	1
Bromoform	0.00096	U	0.00096	0.00041	mg/Kg	☼	10/10/25 10:45	10/11/25 09:32	1
Bromomethane	0.0019	U	0.0019	0.00096	mg/Kg	☼	10/10/25 10:45	10/11/25 09:32	1
Carbon disulfide	0.00096	U	0.00096	0.00025	mg/Kg	☼	10/10/25 10:45	10/11/25 09:32	1
Carbon tetrachloride	0.00096	U	0.00096	0.00037	mg/Kg	☼	10/10/25 10:45	10/11/25 09:32	1
Chlorobenzene	0.00096	U	0.00096	0.00048	mg/Kg	☼	10/10/25 10:45	10/11/25 09:32	1
Chlorobromomethane	0.00096	U	0.00096	0.00057	mg/Kg	☼	10/10/25 10:45	10/11/25 09:32	1
Chlorodibromomethane	0.00096	U	0.00096	0.00051	mg/Kg	☼	10/10/25 10:45	10/11/25 09:32	1
Chloroethane	0.00096	U	0.00096	0.00050	mg/Kg	☼	10/10/25 10:45	10/11/25 09:32	1
Chloroform	0.00096	U	0.00096	0.00093	mg/Kg	☼	10/10/25 10:45	10/11/25 09:32	1
Chloromethane	0.00096	U	0.00096	0.00042	mg/Kg	☼	10/10/25 10:45	10/11/25 09:32	1
cis-1,2-Dichloroethene	0.00096	U	0.00096	0.00034	mg/Kg	☼	10/10/25 10:45	10/11/25 09:32	1
cis-1,3-Dichloropropene	0.00096	U	0.00096	0.00026	mg/Kg	☼	10/10/25 10:45	10/11/25 09:32	1
Cyclohexane	0.00096	U	0.00096	0.00021	mg/Kg	☼	10/10/25 10:45	10/11/25 09:32	1
Dichlorobromomethane	0.00096	U	0.00096	0.00025	mg/Kg	☼	10/10/25 10:45	10/11/25 09:32	1

Client Sample ID: 44F3_7-8

Lab Sample ID: 460-336648-63

Date Collected: 10/07/25 12:30
Matrix: Solid
Date Received: 10/07/25 17:15
Percent Solids: 98.6

Method: SW846 8260D - Volatile Organic Compounds by GC/MS (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Dichlorodifluoromethane	0.00096	U	0.00096	0.00032	mg/Kg	☼	10/10/25 10:45	10/11/25 09:32	1
Ethylbenzene	0.00096	U	0.00096	0.00045	mg/Kg	☼	10/10/25 10:45	10/11/25 09:32	1
Ethylene Dibromide	0.00096	U	0.00096	0.00048	mg/Kg	☼	10/10/25 10:45	10/11/25 09:32	1
Isopropylbenzene	0.00096	U	0.00096	0.00027	mg/Kg	☼	10/10/25 10:45	10/11/25 09:32	1
Methyl acetate	0.0048	U	0.0048	0.0041	mg/Kg	☼	10/10/25 10:45	10/11/25 09:32	1
Methyl tert-butyl ether	0.00096	U	0.00096	0.00049	mg/Kg	☼	10/10/25 10:45	10/11/25 09:32	1
Methylcyclohexane	0.00096	U	0.00096	0.00048	mg/Kg	☼	10/10/25 10:45	10/11/25 09:32	1
Methylene Chloride	0.0019	U	0.0019	0.0011	mg/Kg	☼	10/10/25 10:45	10/11/25 09:32	1
m-Xylene & p-Xylene	0.00096	U	0.00096	0.00040	mg/Kg	☼	10/10/25 10:45	10/11/25 09:32	1
n-Butylbenzene	0.00096	U	0.00096	0.00028	mg/Kg	☼	10/10/25 10:45	10/11/25 09:32	1
N-Propylbenzene	0.00096	U	0.00096	0.00043	mg/Kg	☼	10/10/25 10:45	10/11/25 09:32	1
o-Xylene	0.00096	U	0.00096	0.00044	mg/Kg	☼	10/10/25 10:45	10/11/25 09:32	1
sec-Butylbenzene	0.00096	U	0.00096	0.00028	mg/Kg	☼	10/10/25 10:45	10/11/25 09:32	1
Styrene	0.00096	U	0.00096	0.00027	mg/Kg	☼	10/10/25 10:45	10/11/25 09:32	1
tert-Butylbenzene	0.00096	U	0.00096	0.00026	mg/Kg	☼	10/10/25 10:45	10/11/25 09:32	1
Tetrachloroethene	0.00096	U	0.00096	0.00029	mg/Kg	☼	10/10/25 10:45	10/11/25 09:32	1
Toluene	0.00096	U	0.00096	0.00022	mg/Kg	☼	10/10/25 10:45	10/11/25 09:32	1
trans-1,2-Dichloroethene	0.00096	U	0.00096	0.00024	mg/Kg	☼	10/10/25 10:45	10/11/25 09:32	1
trans-1,3-Dichloropropene	0.00096	U	0.00096	0.00025	mg/Kg	☼	10/10/25 10:45	10/11/25 09:32	1
Trichloroethene	0.00096	U	0.00096	0.00031	mg/Kg	☼	10/10/25 10:45	10/11/25 09:32	1
Trichlorofluoromethane	0.00096	U	0.00096	0.00039	mg/Kg	☼	10/10/25 10:45	10/11/25 09:32	1
Vinyl chloride	0.00096	U	0.00096	0.00052	mg/Kg	☼	10/10/25 10:45	10/11/25 09:32	1
Xylenes, Total	0.0019	U	0.0019	0.00017	mg/Kg	☼	10/10/25 10:45	10/11/25 09:32	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,2-Dichloroethane-d4 (Surr)	*114*		*65 - 138*	*10/10/25 10:45*	*10/11/25 09:32*	*1*
4-Bromofluorobenzene	*100*		*71 - 128*	*10/10/25 10:45*	*10/11/25 09:32*	*1*
Dibromofluoromethane (Surr)	*125*		*50 - 150*	*10/10/25 10:45*	*10/11/25 09:32*	*1*
Toluene-d8 (Surr)	*92*		*71 - 126*	*10/10/25 10:45*	*10/11/25 09:32*	*1*

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Percent Moisture (EPA Moisture)	**1.4**		1.0	1.0	%			10/12/25 15:03	1
Percent Solids (EPA Moisture)	**98.6**		1.0	1.0	%			10/12/25 15:03	1

Client Sample ID: 44F1_7-8

Lab Sample ID: 460-336648-64

Date Collected: 10/07/25 12:35
Matrix: Solid
Date Received: 10/07/25 17:15
Percent Solids: 95.5

Method: SW846 8260D - Volatile Organic Compounds by GC/MS

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1-Trichloroethane	0.00081	U	0.00081	0.00019	mg/Kg	☼	10/10/25 10:46	10/11/25 09:55	1
1,1,2,2-Tetrachloroethane	0.00081	U	0.00081	0.00042	mg/Kg	☼	10/10/25 10:46	10/11/25 09:55	1
1,1,2-Trichloro-1,2,2-trifluoroethane	0.00081	U	0.00081	0.00024	mg/Kg	☼	10/10/25 10:46	10/11/25 09:55	1
1,1,2-Trichloroethane	0.00081	U	0.00081	0.00048	mg/Kg	☼	10/10/25 10:46	10/11/25 09:55	1
1,1-Dichloroethane	0.00081	U	0.00081	0.00048	mg/Kg	☼	10/10/25 10:46	10/11/25 09:55	1
1,1-Dichloroethene	0.00081	U	0.00081	0.00018	mg/Kg	☼	10/10/25 10:46	10/11/25 09:55	1
1,2,3-Trichlorobenzene	0.00081	U	0.00081	0.00060	mg/Kg	☼	10/10/25 10:46	10/11/25 09:55	1
1,2,4-Trichlorobenzene	0.00081	U	0.00081	0.00029	mg/Kg	☼	10/10/25 10:46	10/11/25 09:55	1
1,2,4-Trimethylbenzene	0.00081	U	0.00081	0.00020	mg/Kg	☼	10/10/25 10:46	10/11/25 09:55	1

Client: Haley & Aldrich, Inc.
Project/Site: Former Port Mobil

Job ID: 460-336648-1

Client Sample ID: 44F1_7-8
Date Collected: 10/07/25 12:35
Date Received: 10/07/25 17:15

Lab Sample ID: 460-336648-64
Matrix: Solid
Percent Solids: 95.5

Method: SW846 8260D - Volatile Organic Compounds by GC/MS (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,2-Dibromo-3-Chloropropane	0.00081	U	0.00081	0.00037	mg/Kg	☼	10/10/25 10:46	10/11/25 09:55	1
1,2-Dichlorobenzene	0.00081	U	0.00081	0.00029	mg/Kg	☼	10/10/25 10:46	10/11/25 09:55	1
1,2-Dichloroethane	0.00081	U	0.00081	0.00024	mg/Kg	☼	10/10/25 10:46	10/11/25 09:55	1
1,2-Dichloropropane	0.00081	U	0.00081	0.00034	mg/Kg	☼	10/10/25 10:46	10/11/25 09:55	1
1,3,5-Trimethylbenzene	0.00081	U	0.00081	0.00025	mg/Kg	☼	10/10/25 10:46	10/11/25 09:55	1
1,3-Dichlorobenzene	0.00081	U	0.00081	0.00029	mg/Kg	☼	10/10/25 10:46	10/11/25 09:55	1
1,4-Dichlorobenzene	0.00081	U	0.00081	0.00042	mg/Kg	☼	10/10/25 10:46	10/11/25 09:55	1
2-Butanone (MEK)	0.0040	U	0.0040	0.00030	mg/Kg	☼	10/10/25 10:46	10/11/25 09:55	1
2-Hexanone	0.0040	U *	0.0040	0.0014	mg/Kg	☼	10/10/25 10:46	10/11/25 09:55	1
4-Methyl-2-pentanone (MIBK)	0.0040	U *	0.0040	0.0013	mg/Kg	☼	10/10/25 10:46	10/11/25 09:55	1
Acetone	0.0048	U	0.0048	0.0046	mg/Kg	☼	10/10/25 10:46	10/11/25 09:55	1
Benzene	0.00081	U	0.00081	0.00046	mg/Kg	☼	10/10/25 10:46	10/11/25 09:55	1
Bromoform	0.00081	U	0.00081	0.00034	mg/Kg	☼	10/10/25 10:46	10/11/25 09:55	1
Bromomethane	0.0016	U	0.0016	0.00081	mg/Kg	☼	10/10/25 10:46	10/11/25 09:55	1
Carbon disulfide	0.00081	U	0.00081	0.00021	mg/Kg	☼	10/10/25 10:46	10/11/25 09:55	1
Carbon tetrachloride	0.00081	U	0.00081	0.00031	mg/Kg	☼	10/10/25 10:46	10/11/25 09:55	1
Chlorobenzene	0.00081	U	0.00081	0.00041	mg/Kg	☼	10/10/25 10:46	10/11/25 09:55	1
Chlorobromomethane	0.00081	U	0.00081	0.00048	mg/Kg	☼	10/10/25 10:46	10/11/25 09:55	1
Chlorodibromomethane	0.00081	U	0.00081	0.00043	mg/Kg	☼	10/10/25 10:46	10/11/25 09:55	1
Chloroethane	0.00081	U	0.00081	0.00042	mg/Kg	☼	10/10/25 10:46	10/11/25 09:55	1
Chloroform	0.00081	U	0.00081	0.00078	mg/Kg	☼	10/10/25 10:46	10/11/25 09:55	1
Chloromethane	0.00081	U	0.00081	0.00035	mg/Kg	☼	10/10/25 10:46	10/11/25 09:55	1
cis-1,2-Dichloroethene	0.00081	U	0.00081	0.00029	mg/Kg	☼	10/10/25 10:46	10/11/25 09:55	1
cis-1,3-Dichloropropene	0.00081	U	0.00081	0.00022	mg/Kg	☼	10/10/25 10:46	10/11/25 09:55	1
Cyclohexane	0.00081	U	0.00081	0.00018	mg/Kg	☼	10/10/25 10:46	10/11/25 09:55	1
Dichlorobromomethane	0.00081	U	0.00081	0.00021	mg/Kg	☼	10/10/25 10:46	10/11/25 09:55	1
Dichlorodifluoromethane	0.00081	U	0.00081	0.00027	mg/Kg	☼	10/10/25 10:46	10/11/25 09:55	1
Ethylbenzene	0.00081	U	0.00081	0.00038	mg/Kg	☼	10/10/25 10:46	10/11/25 09:55	1
Ethylene Dibromide	0.00081	U	0.00081	0.00041	mg/Kg	☼	10/10/25 10:46	10/11/25 09:55	1
Isopropylbenzene	0.00081	U	0.00081	0.00023	mg/Kg	☼	10/10/25 10:46	10/11/25 09:55	1
Methyl acetate	0.0040	U	0.0040	0.0035	mg/Kg	☼	10/10/25 10:46	10/11/25 09:55	1
Methyl tert-butyl ether	0.00081	U	0.00081	0.00041	mg/Kg	☼	10/10/25 10:46	10/11/25 09:55	1
Methylcyclohexane	0.00081	U	0.00081	0.00040	mg/Kg	☼	10/10/25 10:46	10/11/25 09:55	1
Methylene Chloride	0.0016	U	0.0016	0.00092	mg/Kg	☼	10/10/25 10:46	10/11/25 09:55	1
m-Xylene & p-Xylene	0.00081	U	0.00081	0.00034	mg/Kg	☼	10/10/25 10:46	10/11/25 09:55	1
n-Butylbenzene	0.00081	U	0.00081	0.00024	mg/Kg	☼	10/10/25 10:46	10/11/25 09:55	1
N-Propylbenzene	0.00081	U	0.00081	0.00036	mg/Kg	☼	10/10/25 10:46	10/11/25 09:55	1
o-Xylene	0.00081	U	0.00081	0.00037	mg/Kg	☼	10/10/25 10:46	10/11/25 09:55	1
sec-Butylbenzene	0.00081	U	0.00081	0.00023	mg/Kg	☼	10/10/25 10:46	10/11/25 09:55	1
Styrene	0.00081	U	0.00081	0.00022	mg/Kg	☼	10/10/25 10:46	10/11/25 09:55	1
tert-Butylbenzene	0.00081	U	0.00081	0.00022	mg/Kg	☼	10/10/25 10:46	10/11/25 09:55	1
Tetrachloroethene	0.00081	U	0.00081	0.00025	mg/Kg	☼	10/10/25 10:46	10/11/25 09:55	1
Toluene	0.00081	U	0.00081	0.00019	mg/Kg	☼	10/10/25 10:46	10/11/25 09:55	1
trans-1,2-Dichloroethene	0.00081	U	0.00081	0.00020	mg/Kg	☼	10/10/25 10:46	10/11/25 09:55	1
trans-1,3-Dichloropropene	0.00081	U	0.00081	0.00021	mg/Kg	☼	10/10/25 10:46	10/11/25 09:55	1
Trichloroethene	0.00081	U	0.00081	0.00026	mg/Kg	☼	10/10/25 10:46	10/11/25 09:55	1
Trichlorofluoromethane	0.00081	U	0.00081	0.00033	mg/Kg	☼	10/10/25 10:46	10/11/25 09:55	1
Vinyl chloride	0.00081	U	0.00081	0.00044	mg/Kg	☼	10/10/25 10:46	10/11/25 09:55	1
Xylenes, Total	0.0016	U	0.0016	0.00014	mg/Kg	☼	10/10/25 10:46	10/11/25 09:55	1

Client Sample ID: 44F1_7-8

Lab Sample ID: 460-336648-64

Date Collected: 10/07/25 12:35
Matrix: Solid
Date Received: 10/07/25 17:15
Percent Solids: 95.5

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,2-Dichloroethane-d4 (Surr)	*111*		*65 - 138*	*10/10/25 10:46*	*10/11/25 09:55*	*1*
4-Bromofluorobenzene	*100*		*71 - 128*	*10/10/25 10:46*	*10/11/25 09:55*	*1*
Dibromofluoromethane (Surr)	*123*		*50 - 150*	*10/10/25 10:46*	*10/11/25 09:55*	*1*
Toluene-d8 (Surr)	*92*		*71 - 126*	*10/10/25 10:46*	*10/11/25 09:55*	*1*

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Percent Moisture (EPA Moisture)	**4.5**		1.0	1.0	%			10/12/25 15:03	1
Percent Solids (EPA Moisture)	**95.5**		1.0	1.0	%			10/12/25 15:03	1

Client Sample ID: 45A1_1-2

Lab Sample ID: 460-336648-65

Date Collected: 10/07/25 12:40
Matrix: Solid
Date Received: 10/07/25 17:15
Percent Solids: 99.1

Method: SW846 8260D - Volatile Organic Compounds by GC/MS

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1-Trichloroethane	0.0012	U	0.0012	0.00029	mg/Kg	☼	10/10/25 10:46	10/11/25 10:18	1
1,1,2,2-Tetrachloroethane	0.0012	U	0.0012	0.00065	mg/Kg	☼	10/10/25 10:46	10/11/25 10:18	1
1,1,2-Trichloro-1,2,2-trifluoroethane	0.0012	U	0.0012	0.00037	mg/Kg	☼	10/10/25 10:46	10/11/25 10:18	1
1,1,2-Trichloroethane	0.0012	U	0.0012	0.00075	mg/Kg	☼	10/10/25 10:46	10/11/25 10:18	1
1,1-Dichloroethane	0.0012	U	0.0012	0.00074	mg/Kg	☼	10/10/25 10:46	10/11/25 10:18	1
1,1-Dichloroethene	0.0012	U	0.0012	0.00028	mg/Kg	☼	10/10/25 10:46	10/11/25 10:18	1
1,2,3-Trichlorobenzene	0.0012	U	0.0012	0.00092	mg/Kg	☼	10/10/25 10:46	10/11/25 10:18	1
1,2,4-Trichlorobenzene	0.0012	U	0.0012	0.00045	mg/Kg	☼	10/10/25 10:46	10/11/25 10:18	1
1,2,4-Trimethylbenzene	0.0012	U	0.0012	0.00031	mg/Kg	☼	10/10/25 10:46	10/11/25 10:18	1
1,2-Dibromo-3-Chloropropane	0.0012	U	0.0012	0.00057	mg/Kg	☼	10/10/25 10:46	10/11/25 10:18	1
1,2-Dichlorobenzene	0.0012	U	0.0012	0.00045	mg/Kg	☼	10/10/25 10:46	10/11/25 10:18	1
1,2-Dichloroethane	0.0012	U	0.0012	0.00037	mg/Kg	☼	10/10/25 10:46	10/11/25 10:18	1
1,2-Dichloropropane	0.0012	U	0.0012	0.00053	mg/Kg	☼	10/10/25 10:46	10/11/25 10:18	1
1,3,5-Trimethylbenzene	0.0012	U	0.0012	0.00039	mg/Kg	☼	10/10/25 10:46	10/11/25 10:18	1
1,3-Dichlorobenzene	0.0012	U	0.0012	0.00045	mg/Kg	☼	10/10/25 10:46	10/11/25 10:18	1
1,4-Dichlorobenzene	0.0012	U	0.0012	0.00065	mg/Kg	☼	10/10/25 10:46	10/11/25 10:18	1
2-Butanone (MEK)	0.0062	U	0.0062	0.00046	mg/Kg	☼	10/10/25 10:46	10/11/25 10:18	1
2-Hexanone	0.0062	U *	0.0062	0.0021	mg/Kg	☼	10/10/25 10:46	10/11/25 10:18	1
4-Methyl-2-pentanone (MIBK)	0.0062	U *	0.0062	0.0019	mg/Kg	☼	10/10/25 10:46	10/11/25 10:18	1
Acetone	**0.23**		0.0075	0.0071	mg/Kg	☼	10/10/25 10:46	10/11/25 10:18	1
Benzene	0.0012	U	0.0012	0.00071	mg/Kg	☼	10/10/25 10:46	10/11/25 10:18	1
Bromoform	0.0012	U	0.0012	0.00053	mg/Kg	☼	10/10/25 10:46	10/11/25 10:18	1
Bromomethane	0.0025	U	0.0025	0.0012	mg/Kg	☼	10/10/25 10:46	10/11/25 10:18	1
Carbon disulfide	0.0012	U	0.0012	0.00033	mg/Kg	☼	10/10/25 10:46	10/11/25 10:18	1
Carbon tetrachloride	0.0012	U	0.0012	0.00048	mg/Kg	☼	10/10/25 10:46	10/11/25 10:18	1
Chlorobenzene	0.0012	U	0.0012	0.00063	mg/Kg	☼	10/10/25 10:46	10/11/25 10:18	1
Chlorobromomethane	0.0012	U	0.0012	0.00074	mg/Kg	☼	10/10/25 10:46	10/11/25 10:18	1
Chlorodibromomethane	0.0012	U	0.0012	0.00067	mg/Kg	☼	10/10/25 10:46	10/11/25 10:18	1
Chloroethane	0.0012	U	0.0012	0.00065	mg/Kg	☼	10/10/25 10:46	10/11/25 10:18	1
Chloroform	0.0012	U	0.0012	0.0012	mg/Kg	☼	10/10/25 10:46	10/11/25 10:18	1
Chloromethane	0.0012	U	0.0012	0.00054	mg/Kg	☼	10/10/25 10:46	10/11/25 10:18	1
cis-1,2-Dichloroethene	0.0012	U	0.0012	0.00045	mg/Kg	☼	10/10/25 10:46	10/11/25 10:18	1
cis-1,3-Dichloropropene	0.0012	U	0.0012	0.00034	mg/Kg	☼	10/10/25 10:46	10/11/25 10:18	1
Cyclohexane	0.0012	U	0.0012	0.00027	mg/Kg	☼	10/10/25 10:46	10/11/25 10:18	1
Dichlorobromomethane	0.0012	U	0.0012	0.00032	mg/Kg	☼	10/10/25 10:46	10/11/25 10:18	1

Client Sample ID: 45A1_1-2

Lab Sample ID: 460-336648-65

Date Collected: 10/07/25 12:40
Matrix: Solid
Date Received: 10/07/25 17:15
Percent Solids: 99.1

Method: SW846 8260D - Volatile Organic Compounds by GC/MS (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Dichlorodifluoromethane	0.0012	U	0.0012	0.00042	mg/Kg	☼	10/10/25 10:46	10/11/25 10:18	1
Ethylbenzene	0.0012	U	0.0012	0.00058	mg/Kg	☼	10/10/25 10:46	10/11/25 10:18	1
Ethylene Dibromide	0.0012	U	0.0012	0.00063	mg/Kg	☼	10/10/25 10:46	10/11/25 10:18	1
Isopropylbenzene	0.0012	U	0.0012	0.00035	mg/Kg	☼	10/10/25 10:46	10/11/25 10:18	1
Methyl acetate	0.0062	U	0.0062	0.0053	mg/Kg	☼	10/10/25 10:46	10/11/25 10:18	1
Methyl tert-butyl ether	0.0012	U	0.0012	0.00064	mg/Kg	☼	10/10/25 10:46	10/11/25 10:18	1
Methylcyclohexane	0.0012	U	0.0012	0.00062	mg/Kg	☼	10/10/25 10:46	10/11/25 10:18	1
Methylene Chloride	0.0025	U	0.0025	0.0014	mg/Kg	☼	10/10/25 10:46	10/11/25 10:18	1
m-Xylene & p-Xylene	0.0012	U	0.0012	0.00053	mg/Kg	☼	10/10/25 10:46	10/11/25 10:18	1
n-Butylbenzene	0.0012	U	0.0012	0.00037	mg/Kg	☼	10/10/25 10:46	10/11/25 10:18	1
N-Propylbenzene	0.0012	U	0.0012	0.00056	mg/Kg	☼	10/10/25 10:46	10/11/25 10:18	1
o-Xylene	0.0012	U	0.0012	0.00057	mg/Kg	☼	10/10/25 10:46	10/11/25 10:18	1
sec-Butylbenzene	0.0012	U	0.0012	0.00036	mg/Kg	☼	10/10/25 10:46	10/11/25 10:18	1
Styrene	0.0012	U	0.0012	0.00035	mg/Kg	☼	10/10/25 10:46	10/11/25 10:18	1
tert-Butylbenzene	0.0012	U	0.0012	0.00034	mg/Kg	☼	10/10/25 10:46	10/11/25 10:18	1
Tetrachloroethene	0.0012	U	0.0012	0.00038	mg/Kg	☼	10/10/25 10:46	10/11/25 10:18	1
Toluene	0.0012	U	0.0012	0.00029	mg/Kg	☼	10/10/25 10:46	10/11/25 10:18	1
trans-1,2-Dichloroethene	0.0012	U	0.0012	0.00031	mg/Kg	☼	10/10/25 10:46	10/11/25 10:18	1
trans-1,3-Dichloropropene	0.0012	U	0.0012	0.00033	mg/Kg	☼	10/10/25 10:46	10/11/25 10:18	1
Trichloroethene	0.0012	U	0.0012	0.00040	mg/Kg	☼	10/10/25 10:46	10/11/25 10:18	1
Trichlorofluoromethane	0.0012	U	0.0012	0.00050	mg/Kg	☼	10/10/25 10:46	10/11/25 10:18	1
Vinyl chloride	0.0012	U	0.0012	0.00068	mg/Kg	☼	10/10/25 10:46	10/11/25 10:18	1
Xylenes, Total	0.0025	U	0.0025	0.00022	mg/Kg	☼	10/10/25 10:46	10/11/25 10:18	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,2-Dichloroethane-d4 (Surr)	*111*		*65 - 138*	*10/10/25 10:46*	*10/11/25 10:18*	*1*
4-Bromofluorobenzene	*101*		*71 - 128*	*10/10/25 10:46*	*10/11/25 10:18*	*1*
Dibromofluoromethane (Surr)	*119*		*50 - 150*	*10/10/25 10:46*	*10/11/25 10:18*	*1*
Toluene-d8 (Surr)	*93*		*71 - 126*	*10/10/25 10:46*	*10/11/25 10:18*	*1*

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Percent Moisture (EPA Moisture)	1.0	U	1.0	1.0	%			10/12/25 15:03	1
Percent Solids (EPA Moisture)	**99.1**		1.0	1.0	%			10/12/25 15:03	1

Client Sample ID: 45A2_2-3

Lab Sample ID: 460-336648-66

Date Collected: 10/07/25 12:45
Matrix: Solid
Date Received: 10/07/25 17:15
Percent Solids: 98.5

Method: SW846 8260D - Volatile Organic Compounds by GC/MS

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1-Trichloroethane	0.0012	U	0.0012	0.00029	mg/Kg	☼	10/10/25 10:46	10/11/25 10:41	1
1,1,2,2-Tetrachloroethane	0.0012	U	0.0012	0.00065	mg/Kg	☼	10/10/25 10:46	10/11/25 10:41	1
1,1,2-Trichloro-1,2,2-trifluoroethane	0.0012	U	0.0012	0.00037	mg/Kg	☼	10/10/25 10:46	10/11/25 10:41	1
1,1,2-Trichloroethane	0.0012	U	0.0012	0.00075	mg/Kg	☼	10/10/25 10:46	10/11/25 10:41	1
1,1-Dichloroethane	0.0012	U	0.0012	0.00074	mg/Kg	☼	10/10/25 10:46	10/11/25 10:41	1
1,1-Dichloroethene	0.0012	U	0.0012	0.00028	mg/Kg	☼	10/10/25 10:46	10/11/25 10:41	1
1,2,3-Trichlorobenzene	0.0012	U	0.0012	0.00092	mg/Kg	☼	10/10/25 10:46	10/11/25 10:41	1
1,2,4-Trichlorobenzene	0.0012	U	0.0012	0.00045	mg/Kg	☼	10/10/25 10:46	10/11/25 10:41	1
1,2,4-Trimethylbenzene	0.0012	U	0.0012	0.00031	mg/Kg	☼	10/10/25 10:46	10/11/25 10:41	1

Client: Haley & Aldrich, Inc.
Project/Site: Former Port Mobil

Job ID: 460-336648-1

Client Sample ID: 45A2_2-3
Date Collected: 10/07/25 12:45
Date Received: 10/07/25 17:15

Lab Sample ID: 460-336648-66
Matrix: Solid
Percent Solids: 98.5

Method: SW846 8260D - Volatile Organic Compounds by GC/MS (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,2-Dibromo-3-Chloropropane	0.0012	U	0.0012	0.00057	mg/Kg	☼	10/10/25 10:46	10/11/25 10:41	1
1,2-Dichlorobenzene	0.0012	U	0.0012	0.00045	mg/Kg	☼	10/10/25 10:46	10/11/25 10:41	1
1,2-Dichloroethane	0.0012	U	0.0012	0.00037	mg/Kg	☼	10/10/25 10:46	10/11/25 10:41	1
1,2-Dichloropropane	0.0012	U	0.0012	0.00053	mg/Kg	☼	10/10/25 10:46	10/11/25 10:41	1
1,3,5-Trimethylbenzene	0.0012	U	0.0012	0.00039	mg/Kg	☼	10/10/25 10:46	10/11/25 10:41	1
1,3-Dichlorobenzene	0.0012	U	0.0012	0.00045	mg/Kg	☼	10/10/25 10:46	10/11/25 10:41	1
1,4-Dichlorobenzene	0.0012	U	0.0012	0.00065	mg/Kg	☼	10/10/25 10:46	10/11/25 10:41	1
2-Butanone (MEK)	0.0062	U	0.0062	0.00046	mg/Kg	☼	10/10/25 10:46	10/11/25 10:41	1
2-Hexanone	0.0062	U *	0.0062	0.0021	mg/Kg	☼	10/10/25 10:46	10/11/25 10:41	1
4-Methyl-2-pentanone (MIBK)	0.0062	U *	0.0062	0.0019	mg/Kg	☼	10/10/25 10:46	10/11/25 10:41	1
Acetone	0.0075	U	0.0075	0.0071	mg/Kg	☼	10/10/25 10:46	10/11/25 10:41	1
Benzene	0.0012	U	0.0012	0.00071	mg/Kg	☼	10/10/25 10:46	10/11/25 10:41	1
Bromoform	0.0012	U	0.0012	0.00053	mg/Kg	☼	10/10/25 10:46	10/11/25 10:41	1
Bromomethane	0.0025	U	0.0025	0.0012	mg/Kg	☼	10/10/25 10:46	10/11/25 10:41	1
Carbon disulfide	0.0012	U	0.0012	0.00033	mg/Kg	☼	10/10/25 10:46	10/11/25 10:41	1
Carbon tetrachloride	0.0012	U	0.0012	0.00048	mg/Kg	☼	10/10/25 10:46	10/11/25 10:41	1
Chlorobenzene	0.0012	U	0.0012	0.00063	mg/Kg	☼	10/10/25 10:46	10/11/25 10:41	1
Chlorobromomethane	0.0012	U	0.0012	0.00074	mg/Kg	☼	10/10/25 10:46	10/11/25 10:41	1
Chlorodibromomethane	0.0012	U	0.0012	0.00067	mg/Kg	☼	10/10/25 10:46	10/11/25 10:41	1
Chloroethane	0.0012	U	0.0012	0.00065	mg/Kg	☼	10/10/25 10:46	10/11/25 10:41	1
Chloroform	0.0012	U	0.0012	0.0012	mg/Kg	☼	10/10/25 10:46	10/11/25 10:41	1
Chloromethane	0.0012	U	0.0012	0.00054	mg/Kg	☼	10/10/25 10:46	10/11/25 10:41	1
cis-1,2-Dichloroethene	0.0012	U	0.0012	0.00045	mg/Kg	☼	10/10/25 10:46	10/11/25 10:41	1
cis-1,3-Dichloropropene	0.0012	U	0.0012	0.00034	mg/Kg	☼	10/10/25 10:46	10/11/25 10:41	1
Cyclohexane	0.0012	U	0.0012	0.00028	mg/Kg	☼	10/10/25 10:46	10/11/25 10:41	1
Dichlorobromomethane	0.0012	U	0.0012	0.00032	mg/Kg	☼	10/10/25 10:46	10/11/25 10:41	1
Dichlorodifluoromethane	0.0012	U	0.0012	0.00042	mg/Kg	☼	10/10/25 10:46	10/11/25 10:41	1
Ethylbenzene	0.0012	U	0.0012	0.00058	mg/Kg	☼	10/10/25 10:46	10/11/25 10:41	1
Ethylene Dibromide	0.0012	U	0.0012	0.00063	mg/Kg	☼	10/10/25 10:46	10/11/25 10:41	1
Isopropylbenzene	0.0012	U	0.0012	0.00035	mg/Kg	☼	10/10/25 10:46	10/11/25 10:41	1
Methyl acetate	0.0062	U	0.0062	0.0054	mg/Kg	☼	10/10/25 10:46	10/11/25 10:41	1
Methyl tert-butyl ether	0.0012	U	0.0012	0.00064	mg/Kg	☼	10/10/25 10:46	10/11/25 10:41	1
Methylcyclohexane	0.0012	U	0.0012	0.00062	mg/Kg	☼	10/10/25 10:46	10/11/25 10:41	1
Methylene Chloride	0.0025	U	0.0025	0.0014	mg/Kg	☼	10/10/25 10:46	10/11/25 10:41	1
m-Xylene & p-Xylene	0.0012	U	0.0012	0.00053	mg/Kg	☼	10/10/25 10:46	10/11/25 10:41	1
n-Butylbenzene	0.0012	U	0.0012	0.00037	mg/Kg	☼	10/10/25 10:46	10/11/25 10:41	1
N-Propylbenzene	0.0012	U	0.0012	0.00056	mg/Kg	☼	10/10/25 10:46	10/11/25 10:41	1
o-Xylene	0.0012	U	0.0012	0.00057	mg/Kg	☼	10/10/25 10:46	10/11/25 10:41	1
sec-Butylbenzene	0.0012	U	0.0012	0.00036	mg/Kg	☼	10/10/25 10:46	10/11/25 10:41	1
Styrene	0.0012	U	0.0012	0.00035	mg/Kg	☼	10/10/25 10:46	10/11/25 10:41	1
tert-Butylbenzene	0.0012	U	0.0012	0.00034	mg/Kg	☼	10/10/25 10:46	10/11/25 10:41	1
Tetrachloroethene	0.0012	U	0.0012	0.00038	mg/Kg	☼	10/10/25 10:46	10/11/25 10:41	1
Toluene	0.0012	U	0.0012	0.00029	mg/Kg	☼	10/10/25 10:46	10/11/25 10:41	1
trans-1,2-Dichloroethene	0.0012	U	0.0012	0.00031	mg/Kg	☼	10/10/25 10:46	10/11/25 10:41	1
trans-1,3-Dichloropropene	0.0012	U	0.0012	0.00033	mg/Kg	☼	10/10/25 10:46	10/11/25 10:41	1
Trichloroethene	0.0012	U	0.0012	0.00040	mg/Kg	☼	10/10/25 10:46	10/11/25 10:41	1
Trichlorofluoromethane	0.0012	U	0.0012	0.00051	mg/Kg	☼	10/10/25 10:46	10/11/25 10:41	1
Vinyl chloride	0.0012	U	0.0012	0.00068	mg/Kg	☼	10/10/25 10:46	10/11/25 10:41	1
Xylenes, Total	0.0025	U	0.0025	0.00022	mg/Kg	☼	10/10/25 10:46	10/11/25 10:41	1

Client Sample ID: 45A2_2-3

Lab Sample ID: 460-336648-66

Date Collected: 10/07/25 12:45
Matrix: Solid
Date Received: 10/07/25 17:15
Percent Solids: 98.5

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
1,2-Dichloroethane-d4 (Surr)	*113*		*65 - 138*	*10/10/25 10:46*	*10/11/25 10:41*	*1*
4-Bromofluorobenzene	*99*		*71 - 128*	*10/10/25 10:46*	*10/11/25 10:41*	*1*
Dibromofluoromethane (Surr)	*124*		*50 - 150*	*10/10/25 10:46*	*10/11/25 10:41*	*1*
Toluene-d8 (Surr)	*94*		*71 - 126*	*10/10/25 10:46*	*10/11/25 10:41*	*1*

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Percent Moisture (EPA Moisture)	**1.5**		1.0	1.0	%			10/12/25 15:03	1
Percent Solids (EPA Moisture)	**98.5**		1.0	1.0	%			10/12/25 15:03	1

Client Sample ID: 45A3_4-5

Lab Sample ID: 460-336648-67

Date Collected: 10/07/25 12:50
Matrix: Solid
Date Received: 10/07/25 17:15
Percent Solids: 98.7

Method: SW846 8260D - Volatile Organic Compounds by GC/MS

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1-Trichloroethane	0.0011	U	0.0011	0.00026	mg/Kg	☼	10/10/25 10:47	10/11/25 11:04	1
1,1,2,2-Tetrachloroethane	0.0011	U	0.0011	0.00058	mg/Kg	☼	10/10/25 10:47	10/11/25 11:04	1
1,1,2-Trichloro-1,2,2-trifluoroethane	0.0011	U	0.0011	0.00034	mg/Kg	☼	10/10/25 10:47	10/11/25 11:04	1
1,1,2-Trichloroethane	0.0011	U	0.0011	0.00067	mg/Kg	☼	10/10/25 10:47	10/11/25 11:04	1
1,1-Dichloroethane	0.0011	U	0.0011	0.00067	mg/Kg	☼	10/10/25 10:47	10/11/25 11:04	1
1,1-Dichloroethene	0.0011	U	0.0011	0.00025	mg/Kg	☼	10/10/25 10:47	10/11/25 11:04	1
1,2,3-Trichlorobenzene	0.0011	U	0.0011	0.00083	mg/Kg	☼	10/10/25 10:47	10/11/25 11:04	1
1,2,4-Trichlorobenzene	0.0011	U	0.0011	0.00040	mg/Kg	☼	10/10/25 10:47	10/11/25 11:04	1
1,2,4-Trimethylbenzene	0.0011	U	0.0011	0.00028	mg/Kg	☼	10/10/25 10:47	10/11/25 11:04	1
1,2-Dibromo-3-Chloropropane	0.0011	U	0.0011	0.00051	mg/Kg	☼	10/10/25 10:47	10/11/25 11:04	1
1,2-Dichlorobenzene	0.0011	U	0.0011	0.00040	mg/Kg	☼	10/10/25 10:47	10/11/25 11:04	1
1,2-Dichloroethane	0.0011	U	0.0011	0.00033	mg/Kg	☼	10/10/25 10:47	10/11/25 11:04	1
1,2-Dichloropropane	0.0011	U	0.0011	0.00047	mg/Kg	☼	10/10/25 10:47	10/11/25 11:04	1
1,3,5-Trimethylbenzene	0.0011	U	0.0011	0.00035	mg/Kg	☼	10/10/25 10:47	10/11/25 11:04	1
1,3-Dichlorobenzene	0.0011	U	0.0011	0.00041	mg/Kg	☼	10/10/25 10:47	10/11/25 11:04	1
1,4-Dichlorobenzene	0.0011	U	0.0011	0.00058	mg/Kg	☼	10/10/25 10:47	10/11/25 11:04	1
2-Butanone (MEK)	0.0056	U	0.0056	0.00041	mg/Kg	☼	10/10/25 10:47	10/11/25 11:04	1
2-Hexanone	0.0056	U *	0.0056	0.0019	mg/Kg	☼	10/10/25 10:47	10/11/25 11:04	1
4-Methyl-2-pentanone (MIBK)	0.0056	U *	0.0056	0.0017	mg/Kg	☼	10/10/25 10:47	10/11/25 11:04	1
Acetone	**0.20**		0.0067	0.0064	mg/Kg	☼	10/10/25 10:47	10/11/25 11:04	1
Benzene	0.0011	U	0.0011	0.00063	mg/Kg	☼	10/10/25 10:47	10/11/25 11:04	1
Bromoform	0.0011	U	0.0011	0.00048	mg/Kg	☼	10/10/25 10:47	10/11/25 11:04	1
Bromomethane	0.0022	U	0.0022	0.0011	mg/Kg	☼	10/10/25 10:47	10/11/25 11:04	1
Carbon disulfide	0.0011	U	0.0011	0.00030	mg/Kg	☼	10/10/25 10:47	10/11/25 11:04	1
Carbon tetrachloride	0.0011	U	0.0011	0.00043	mg/Kg	☼	10/10/25 10:47	10/11/25 11:04	1
Chlorobenzene	0.0011	U	0.0011	0.00057	mg/Kg	☼	10/10/25 10:47	10/11/25 11:04	1
Chlorobromomethane	0.0011	U	0.0011	0.00067	mg/Kg	☼	10/10/25 10:47	10/11/25 11:04	1
Chlorodibromomethane	0.0011	U	0.0011	0.00060	mg/Kg	☼	10/10/25 10:47	10/11/25 11:04	1
Chloroethane	0.0011	U	0.0011	0.00058	mg/Kg	☼	10/10/25 10:47	10/11/25 11:04	1
Chloroform	0.0011	U	0.0011	0.0011	mg/Kg	☼	10/10/25 10:47	10/11/25 11:04	1
Chloromethane	0.0011	U	0.0011	0.00049	mg/Kg	☼	10/10/25 10:47	10/11/25 11:04	1
cis-1,2-Dichloroethene	0.0011	U	0.0011	0.00040	mg/Kg	☼	10/10/25 10:47	10/11/25 11:04	1
cis-1,3-Dichloropropene	0.0011	U	0.0011	0.00031	mg/Kg	☼	10/10/25 10:47	10/11/25 11:04	1
Cyclohexane	0.0011	U	0.0011	0.00025	mg/Kg	☼	10/10/25 10:47	10/11/25 11:04	1
Dichlorobromomethane	0.0011	U	0.0011	0.00029	mg/Kg	☼	10/10/25 10:47	10/11/25 11:04	1

Client Sample ID: 45A3_4-5

Lab Sample ID: 460-336648-67

Date Collected: 10/07/25 12:50
Matrix: Solid
Date Received: 10/07/25 17:15
Percent Solids: 98.7

Method: SW846 8260D - Volatile Organic Compounds by GC/MS (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Dichlorodifluoromethane	0.0011	U	0.0011	0.00038	mg/Kg	☼	10/10/25 10:47	10/11/25 11:04	1
Ethylbenzene	0.0011	U	0.0011	0.00052	mg/Kg	☼	10/10/25 10:47	10/11/25 11:04	1
Ethylene Dibromide	0.0011	U	0.0011	0.00056	mg/Kg	☼	10/10/25 10:47	10/11/25 11:04	1
Isopropylbenzene	0.0011	U	0.0011	0.00032	mg/Kg	☼	10/10/25 10:47	10/11/25 11:04	1
Methyl acetate	0.0056	U	0.0056	0.0048	mg/Kg	☼	10/10/25 10:47	10/11/25 11:04	1
Methyl tert-butyl ether	0.0011	U	0.0011	0.00057	mg/Kg	☼	10/10/25 10:47	10/11/25 11:04	1
Methylcyclohexane	0.0011	U	0.0011	0.00056	mg/Kg	☼	10/10/25 10:47	10/11/25 11:04	1
Methylene Chloride	**0.0016**	**J**	0.0022	0.0013	mg/Kg	☼	10/10/25 10:47	10/11/25 11:04	1
m-Xylene & p-Xylene	0.0011	U	0.0011	0.00047	mg/Kg	☼	10/10/25 10:47	10/11/25 11:04	1
n-Butylbenzene	0.0011	U	0.0011	0.00033	mg/Kg	☼	10/10/25 10:47	10/11/25 11:04	1
N-Propylbenzene	0.0011	U	0.0011	0.00050	mg/Kg	☼	10/10/25 10:47	10/11/25 11:04	1
o-Xylene	0.0011	U	0.0011	0.00052	mg/Kg	☼	10/10/25 10:47	10/11/25 11:04	1
sec-Butylbenzene	0.0011	U	0.0011	0.00032	mg/Kg	☼	10/10/25 10:47	10/11/25 11:04	1
Styrene	0.0011	U	0.0011	0.00031	mg/Kg	☼	10/10/25 10:47	10/11/25 11:04	1
tert-Butylbenzene	0.0011	U	0.0011	0.00031	mg/Kg	☼	10/10/25 10:47	10/11/25 11:04	1
Tetrachloroethene	0.0011	U	0.0011	0.00034	mg/Kg	☼	10/10/25 10:47	10/11/25 11:04	1
Toluene	0.0011	U	0.0011	0.00026	mg/Kg	☼	10/10/25 10:47	10/11/25 11:04	1
trans-1,2-Dichloroethene	0.0011	U	0.0011	0.00028	mg/Kg	☼	10/10/25 10:47	10/11/25 11:04	1
trans-1,3-Dichloropropene	0.0011	U	0.0011	0.00030	mg/Kg	☼	10/10/25 10:47	10/11/25 11:04	1
Trichloroethene	0.0011	U	0.0011	0.00036	mg/Kg	☼	10/10/25 10:47	10/11/25 11:04	1
Trichlorofluoromethane	0.0011	U	0.0011	0.00045	mg/Kg	☼	10/10/25 10:47	10/11/25 11:04	1
Vinyl chloride	0.0011	U	0.0011	0.00061	mg/Kg	☼	10/10/25 10:47	10/11/25 11:04	1
Xylenes, Total	0.0022	U	0.0022	0.00019	mg/Kg	☼	10/10/25 10:47	10/11/25 11:04	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,2-Dichloroethane-d4 (Surr)	*116*		*65 - 138*	*10/10/25 10:47*	*10/11/25 11:04*	*1*
4-Bromofluorobenzene	*103*		*71 - 128*	*10/10/25 10:47*	*10/11/25 11:04*	*1*
Dibromofluoromethane (Surr)	*127*		*50 - 150*	*10/10/25 10:47*	*10/11/25 11:04*	*1*
Toluene-d8 (Surr)	*93*		*71 - 126*	*10/10/25 10:47*	*10/11/25 11:04*	*1*

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Percent Moisture (EPA Moisture)	**1.3**		1.0	1.0	%			10/12/25 15:03	1
Percent Solids (EPA Moisture)	**98.7**		1.0	1.0	%			10/12/25 15:03	1

Client Sample ID: 45A1_5-6

Lab Sample ID: 460-336648-68

Date Collected: 10/07/25 12:55
Matrix: Solid
Date Received: 10/07/25 17:15
Percent Solids: 97.6

Method: SW846 8260D - Volatile Organic Compounds by GC/MS

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1-Trichloroethane	0.0012	U	0.0012	0.00027	mg/Kg	☼	10/10/25 10:47	10/11/25 11:27	1
1,1,2,2-Tetrachloroethane	0.0012	U	0.0012	0.00061	mg/Kg	☼	10/10/25 10:47	10/11/25 11:27	1
1,1,2-Trichloro-1,2,2-trifluoroethane	0.0012	U	0.0012	0.00035	mg/Kg	☼	10/10/25 10:47	10/11/25 11:27	1
1,1,2-Trichloroethane	0.0012	U	0.0012	0.00070	mg/Kg	☼	10/10/25 10:47	10/11/25 11:27	1
1,1-Dichloroethane	0.0012	U	0.0012	0.00069	mg/Kg	☼	10/10/25 10:47	10/11/25 11:27	1
1,1-Dichloroethene	0.0012	U	0.0012	0.00026	mg/Kg	☼	10/10/25 10:47	10/11/25 11:27	1
1,2,3-Trichlorobenzene	0.0012	U	0.0012	0.00086	mg/Kg	☼	10/10/25 10:47	10/11/25 11:27	1
1,2,4-Trichlorobenzene	0.0012	U	0.0012	0.00042	mg/Kg	☼	10/10/25 10:47	10/11/25 11:27	1
1,2,4-Trimethylbenzene	0.0012	U	0.0012	0.00029	mg/Kg	☼	10/10/25 10:47	10/11/25 11:27	1

Client Sample ID: 45A1_5-6
Date Collected: 10/07/25 12:55
Date Received: 10/07/25 17:15

Lab Sample ID: 460-336648-68
Matrix: Solid
Percent Solids: 97.6

Method: SW846 8260D - Volatile Organic Compounds by GC/MS (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,2-Dibromo-3-Chloropropane	0.0012	U	0.0012	0.00053	mg/Kg	☼	10/10/25 10:47	10/11/25 11:27	1
1,2-Dichlorobenzene	0.0012	U	0.0012	0.00042	mg/Kg	☼	10/10/25 10:47	10/11/25 11:27	1
1,2-Dichloroethane	0.0012	U	0.0012	0.00034	mg/Kg	☼	10/10/25 10:47	10/11/25 11:27	1
1,2-Dichloropropane	0.0012	U	0.0012	0.00049	mg/Kg	☼	10/10/25 10:47	10/11/25 11:27	1
1,3,5-Trimethylbenzene	0.0012	U	0.0012	0.00037	mg/Kg	☼	10/10/25 10:47	10/11/25 11:27	1
1,3-Dichlorobenzene	0.0012	U	0.0012	0.00042	mg/Kg	☼	10/10/25 10:47	10/11/25 11:27	1
1,4-Dichlorobenzene	0.0012	U	0.0012	0.00060	mg/Kg	☼	10/10/25 10:47	10/11/25 11:27	1
2-Butanone (MEK)	0.0058	U	0.0058	0.00043	mg/Kg	☼	10/10/25 10:47	10/11/25 11:27	1
2-Hexanone	0.0058	U *	0.0058	0.0020	mg/Kg	☼	10/10/25 10:47	10/11/25 11:27	1
4-Methyl-2-pentanone (MIBK)	0.0058	U *	0.0058	0.0018	mg/Kg	☼	10/10/25 10:47	10/11/25 11:27	1
Acetone	**0.28**		0.0070	0.0067	mg/Kg	☼	10/10/25 10:47	10/11/25 11:27	1
Benzene	0.0012	U	0.0012	0.00066	mg/Kg	☼	10/10/25 10:47	10/11/25 11:27	1
Bromoform	0.0012	U	0.0012	0.00049	mg/Kg	☼	10/10/25 10:47	10/11/25 11:27	1
Bromomethane	0.0023	U	0.0023	0.0012	mg/Kg	☼	10/10/25 10:47	10/11/25 11:27	1
Carbon disulfide	0.0012	U	0.0012	0.00031	mg/Kg	☼	10/10/25 10:47	10/11/25 11:27	1
Carbon tetrachloride	0.0012	U	0.0012	0.00045	mg/Kg	☼	10/10/25 10:47	10/11/25 11:27	1
Chlorobenzene	0.0012	U	0.0012	0.00059	mg/Kg	☼	10/10/25 10:47	10/11/25 11:27	1
Chlorobromomethane	0.0012	U	0.0012	0.00069	mg/Kg	☼	10/10/25 10:47	10/11/25 11:27	1
Chlorodibromomethane	0.0012	U	0.0012	0.00062	mg/Kg	☼	10/10/25 10:47	10/11/25 11:27	1
Chloroethane	0.0012	U	0.0012	0.00061	mg/Kg	☼	10/10/25 10:47	10/11/25 11:27	1
Chloroform	0.0012	U	0.0012	0.0011	mg/Kg	☼	10/10/25 10:47	10/11/25 11:27	1
Chloromethane	0.0012	U	0.0012	0.00051	mg/Kg	☼	10/10/25 10:47	10/11/25 11:27	1
cis-1,2-Dichloroethene	0.0012	U	0.0012	0.00042	mg/Kg	☼	10/10/25 10:47	10/11/25 11:27	1
cis-1,3-Dichloropropene	0.0012	U	0.0012	0.00032	mg/Kg	☼	10/10/25 10:47	10/11/25 11:27	1
Cyclohexane	0.0012	U	0.0012	0.00026	mg/Kg	☼	10/10/25 10:47	10/11/25 11:27	1
Dichlorobromomethane	0.0012	U	0.0012	0.00030	mg/Kg	☼	10/10/25 10:47	10/11/25 11:27	1
Dichlorodifluoromethane	0.0012	U	0.0012	0.00039	mg/Kg	☼	10/10/25 10:47	10/11/25 11:27	1
Ethylbenzene	0.0012	U	0.0012	0.00054	mg/Kg	☼	10/10/25 10:47	10/11/25 11:27	1
Ethylene Dibromide	0.0012	U	0.0012	0.00059	mg/Kg	☼	10/10/25 10:47	10/11/25 11:27	1
Isopropylbenzene	0.0012	U	0.0012	0.00033	mg/Kg	☼	10/10/25 10:47	10/11/25 11:27	1
Methyl acetate	0.0058	U	0.0058	0.0050	mg/Kg	☼	10/10/25 10:47	10/11/25 11:27	1
Methyl tert-butyl ether	0.0012	U	0.0012	0.00060	mg/Kg	☼	10/10/25 10:47	10/11/25 11:27	1
Methylcyclohexane	0.0012	U	0.0012	0.00058	mg/Kg	☼	10/10/25 10:47	10/11/25 11:27	1
Methylene Chloride	0.0023	U	0.0023	0.0013	mg/Kg	☼	10/10/25 10:47	10/11/25 11:27	1
m-Xylene & p-Xylene	0.0012	U	0.0012	0.00049	mg/Kg	☼	10/10/25 10:47	10/11/25 11:27	1
n-Butylbenzene	0.0012	U	0.0012	0.00034	mg/Kg	☼	10/10/25 10:47	10/11/25 11:27	1
N-Propylbenzene	0.0012	U	0.0012	0.00052	mg/Kg	☼	10/10/25 10:47	10/11/25 11:27	1
o-Xylene	0.0012	U	0.0012	0.00054	mg/Kg	☼	10/10/25 10:47	10/11/25 11:27	1
sec-Butylbenzene	0.0012	U	0.0012	0.00033	mg/Kg	☼	10/10/25 10:47	10/11/25 11:27	1
Styrene	0.0012	U	0.0012	0.00032	mg/Kg	☼	10/10/25 10:47	10/11/25 11:27	1
tert-Butylbenzene	0.0012	U	0.0012	0.00032	mg/Kg	☼	10/10/25 10:47	10/11/25 11:27	1
Tetrachloroethene	0.0012	U	0.0012	0.00035	mg/Kg	☼	10/10/25 10:47	10/11/25 11:27	1
Toluene	0.0012	U	0.0012	0.00027	mg/Kg	☼	10/10/25 10:47	10/11/25 11:27	1
trans-1,2-Dichloroethene	0.0012	U	0.0012	0.00029	mg/Kg	☼	10/10/25 10:47	10/11/25 11:27	1
trans-1,3-Dichloropropene	0.0012	U	0.0012	0.00031	mg/Kg	☼	10/10/25 10:47	10/11/25 11:27	1
Trichloroethene	0.0012	U	0.0012	0.00037	mg/Kg	☼	10/10/25 10:47	10/11/25 11:27	1
Trichlorofluoromethane	0.0012	U	0.0012	0.00047	mg/Kg	☼	10/10/25 10:47	10/11/25 11:27	1
Vinyl chloride	0.0012	U	0.0012	0.00063	mg/Kg	☼	10/10/25 10:47	10/11/25 11:27	1
Xylenes, Total	0.0023	U	0.0023	0.00020	mg/Kg	☼	10/10/25 10:47	10/11/25 11:27	1

Client Sample ID: 45A1_5-6

Lab Sample ID: 460-336648-68

Date Collected: 10/07/25 12:55
Matrix: Solid
Date Received: 10/07/25 17:15
Percent Solids: 97.6

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
1,2-Dichloroethane-d4 (Surr)	112		65 - 138	10/10/25 10:47	10/11/25 11:27	1
4-Bromofluorobenzene	102		71 - 128	10/10/25 10:47	10/11/25 11:27	1
Dibromofluoromethane (Surr)	124		50 - 150	10/10/25 10:47	10/11/25 11:27	1
Toluene-d8 (Surr)	93		71 - 126	10/10/25 10:47	10/11/25 11:27	1

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Percent Moisture (EPA Moisture)	2.4		1.0	1.0	%			10/12/25 15:03	1
Percent Solids (EPA Moisture)	97.6		1.0	1.0	%			10/12/25 15:03	1

Client Sample ID: 45A2_7-8

Lab Sample ID: 460-336648-69

Date Collected: 10/07/25 13:00
Matrix: Solid
Date Received: 10/07/25 17:15
Percent Solids: 92.9

Method: SW846 8260D - Volatile Organic Compounds by GC/MS

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1-Trichloroethane	0.0011	U	0.0011	0.00026	mg/Kg	☼	10/10/25 10:47	10/11/25 11:50	1
1,1,2,2-Tetrachloroethane	0.0011	U	0.0011	0.00058	mg/Kg	☼	10/10/25 10:47	10/11/25 11:50	1
1,1,2-Trichloro-1,2,2-trifluoroethane	0.0011	U	0.0011	0.00034	mg/Kg	☼	10/10/25 10:47	10/11/25 11:50	1
1,1,2-Trichloroethane	0.0011	U	0.0011	0.00067	mg/Kg	☼	10/10/25 10:47	10/11/25 11:50	1
1,1-Dichloroethane	0.0011	U	0.0011	0.00067	mg/Kg	☼	10/10/25 10:47	10/11/25 11:50	1
1,1-Dichloroethene	0.0011	U	0.0011	0.00025	mg/Kg	☼	10/10/25 10:47	10/11/25 11:50	1
1,2,3-Trichlorobenzene	0.0011	U	0.0011	0.00082	mg/Kg	☼	10/10/25 10:47	10/11/25 11:50	1
1,2,4-Trichlorobenzene	0.0011	U	0.0011	0.00040	mg/Kg	☼	10/10/25 10:47	10/11/25 11:50	1
1,2,4-Trimethylbenzene	0.0011	U	0.0011	0.00027	mg/Kg	☼	10/10/25 10:47	10/11/25 11:50	1
1,2-Dibromo-3-Chloropropane	0.0011	U	0.0011	0.00051	mg/Kg	☼	10/10/25 10:47	10/11/25 11:50	1
1,2-Dichlorobenzene	0.0011	U	0.0011	0.00040	mg/Kg	☼	10/10/25 10:47	10/11/25 11:50	1
1,2-Dichloroethane	0.0011	U	0.0011	0.00033	mg/Kg	☼	10/10/25 10:47	10/11/25 11:50	1
1,2-Dichloropropane	0.0011	U	0.0011	0.00047	mg/Kg	☼	10/10/25 10:47	10/11/25 11:50	1
1,3,5-Trimethylbenzene	0.0011	U	0.0011	0.00035	mg/Kg	☼	10/10/25 10:47	10/11/25 11:50	1
1,3-Dichlorobenzene	0.0011	U	0.0011	0.00041	mg/Kg	☼	10/10/25 10:47	10/11/25 11:50	1
1,4-Dichlorobenzene	0.0011	U	0.0011	0.00058	mg/Kg	☼	10/10/25 10:47	10/11/25 11:50	1
2-Butanone (MEK)	0.0056	U	0.0056	0.00041	mg/Kg	☼	10/10/25 10:47	10/11/25 11:50	1
2-Hexanone	0.0056	U *	0.0056	0.0019	mg/Kg	☼	10/10/25 10:47	10/11/25 11:50	1
4-Methyl-2-pentanone (MIBK)	0.0056	U *	0.0056	0.0017	mg/Kg	☼	10/10/25 10:47	10/11/25 11:50	1
Acetone	0.23		0.0067	0.0064	mg/Kg	☼	10/10/25 10:47	10/11/25 11:50	1
Benzene	0.0011	U	0.0011	0.00063	mg/Kg	☼	10/10/25 10:47	10/11/25 11:50	1
Bromoform	0.0011	U	0.0011	0.00047	mg/Kg	☼	10/10/25 10:47	10/11/25 11:50	1
Bromomethane	0.0022	U	0.0022	0.0011	mg/Kg	☼	10/10/25 10:47	10/11/25 11:50	1
Carbon disulfide	0.0011	U	0.0011	0.00030	mg/Kg	☼	10/10/25 10:47	10/11/25 11:50	1
Carbon tetrachloride	0.0011	U	0.0011	0.00043	mg/Kg	☼	10/10/25 10:47	10/11/25 11:50	1
Chlorobenzene	0.0011	U	0.0011	0.00057	mg/Kg	☼	10/10/25 10:47	10/11/25 11:50	1
Chlorobromomethane	0.0011	U	0.0011	0.00067	mg/Kg	☼	10/10/25 10:47	10/11/25 11:50	1
Chlorodibromomethane	0.0011	U	0.0011	0.00060	mg/Kg	☼	10/10/25 10:47	10/11/25 11:50	1
Chloroethane	0.0011	U	0.0011	0.00058	mg/Kg	☼	10/10/25 10:47	10/11/25 11:50	1
Chloroform	0.0011	U	0.0011	0.0011	mg/Kg	☼	10/10/25 10:47	10/11/25 11:50	1
Chloromethane	0.0011	U	0.0011	0.00049	mg/Kg	☼	10/10/25 10:47	10/11/25 11:50	1
cis-1,2-Dichloroethene	0.0011	U	0.0011	0.00040	mg/Kg	☼	10/10/25 10:47	10/11/25 11:50	1
cis-1,3-Dichloropropene	0.0011	U	0.0011	0.00030	mg/Kg	☼	10/10/25 10:47	10/11/25 11:50	1
Cyclohexane	0.0011	U	0.0011	0.00025	mg/Kg	☼	10/10/25 10:47	10/11/25 11:50	1
Dichlorobromomethane	0.0011	U	0.0011	0.00029	mg/Kg	☼	10/10/25 10:47	10/11/25 11:50	1

Client Sample ID: 45A2_7-8

Lab Sample ID: 460-336648-69

Date Collected: 10/07/25 13:00
Matrix: Solid
Date Received: 10/07/25 17:15
Percent Solids: 92.9

Method: SW846 8260D - Volatile Organic Compounds by GC/MS (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Dichlorodifluoromethane	0.0011	U	0.0011	0.00038	mg/Kg	☼	10/10/25 10:47	10/11/25 11:50	1
Ethylbenzene	0.0011	U	0.0011	0.00052	mg/Kg	☼	10/10/25 10:47	10/11/25 11:50	1
Ethylene Dibromide	0.0011	U	0.0011	0.00056	mg/Kg	☼	10/10/25 10:47	10/11/25 11:50	1
Isopropylbenzene	0.0011	U	0.0011	0.00032	mg/Kg	☼	10/10/25 10:47	10/11/25 11:50	1
Methyl acetate	0.0056	U	0.0056	0.0048	mg/Kg	☼	10/10/25 10:47	10/11/25 11:50	1
Methyl tert-butyl ether	0.0011	U	0.0011	0.00057	mg/Kg	☼	10/10/25 10:47	10/11/25 11:50	1
Methylcyclohexane	0.0011	U	0.0011	0.00056	mg/Kg	☼	10/10/25 10:47	10/11/25 11:50	1
Methylene Chloride	0.0022	U	0.0022	0.0013	mg/Kg	☼	10/10/25 10:47	10/11/25 11:50	1
m-Xylene & p-Xylene	0.0011	U	0.0011	0.00047	mg/Kg	☼	10/10/25 10:47	10/11/25 11:50	1
n-Butylbenzene	0.0011	U	0.0011	0.00033	mg/Kg	☼	10/10/25 10:47	10/11/25 11:50	1
N-Propylbenzene	0.0011	U	0.0011	0.00050	mg/Kg	☼	10/10/25 10:47	10/11/25 11:50	1
o-Xylene	0.0011	U	0.0011	0.00051	mg/Kg	☼	10/10/25 10:47	10/11/25 11:50	1
sec-Butylbenzene	0.0011	U	0.0011	0.00032	mg/Kg	☼	10/10/25 10:47	10/11/25 11:50	1
Styrene	0.0011	U	0.0011	0.00031	mg/Kg	☼	10/10/25 10:47	10/11/25 11:50	1
tert-Butylbenzene	0.0011	U	0.0011	0.00031	mg/Kg	☼	10/10/25 10:47	10/11/25 11:50	1
Tetrachloroethene	0.0011	U	0.0011	0.00034	mg/Kg	☼	10/10/25 10:47	10/11/25 11:50	1
Toluene	0.0011	U	0.0011	0.00026	mg/Kg	☼	10/10/25 10:47	10/11/25 11:50	1
trans-1,2-Dichloroethene	0.0011	U	0.0011	0.00027	mg/Kg	☼	10/10/25 10:47	10/11/25 11:50	1
trans-1,3-Dichloropropene	0.0011	U	0.0011	0.00030	mg/Kg	☼	10/10/25 10:47	10/11/25 11:50	1
Trichloroethene	0.0011	U	0.0011	0.00036	mg/Kg	☼	10/10/25 10:47	10/11/25 11:50	1
Trichlorofluoromethane	0.0011	U	0.0011	0.00045	mg/Kg	☼	10/10/25 10:47	10/11/25 11:50	1
Vinyl chloride	0.0011	U	0.0011	0.00061	mg/Kg	☼	10/10/25 10:47	10/11/25 11:50	1
Xylenes, Total	0.0022	U	0.0022	0.00019	mg/Kg	☼	10/10/25 10:47	10/11/25 11:50	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,2-Dichloroethane-d4 (Surr)	*114*		*65 - 138*	*10/10/25 10:47*	*10/11/25 11:50*	*1*
4-Bromofluorobenzene	*103*		*71 - 128*	*10/10/25 10:47*	*10/11/25 11:50*	*1*
Dibromofluoromethane (Surr)	*123*		*50 - 150*	*10/10/25 10:47*	*10/11/25 11:50*	*1*
Toluene-d8 (Surr)	*94*		*71 - 126*	*10/10/25 10:47*	*10/11/25 11:50*	*1*

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Percent Moisture (EPA Moisture)	**7.1**		1.0	1.0	%			10/12/25 15:03	1
Percent Solids (EPA Moisture)	**92.9**		1.0	1.0	%			10/12/25 15:03	1

Client Sample ID: 45A3_9-10

Lab Sample ID: 460-336648-70

Date Collected: 10/07/25 13:05
Matrix: Solid
Date Received: 10/07/25 17:15
Percent Solids: 98.6

Method: SW846 8260D - Volatile Organic Compounds by GC/MS

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1-Trichloroethane	0.0012	U	0.0012	0.00029	mg/Kg	☼	10/10/25 10:48	10/11/25 12:13	1
1,1,2,2-Tetrachloroethane	0.0012	U	0.0012	0.00064	mg/Kg	☼	10/10/25 10:48	10/11/25 12:13	1
1,1,2-Trichloro-1,2,2-trifluoroethane	0.0012	U	0.0012	0.00037	mg/Kg	☼	10/10/25 10:48	10/11/25 12:13	1
1,1,2-Trichloroethane	0.0012	U	0.0012	0.00074	mg/Kg	☼	10/10/25 10:48	10/11/25 12:13	1
1,1-Dichloroethane	0.0012	U	0.0012	0.00074	mg/Kg	☼	10/10/25 10:48	10/11/25 12:13	1
1,1-Dichloroethene	0.0012	U	0.0012	0.00028	mg/Kg	☼	10/10/25 10:48	10/11/25 12:13	1
1,2,3-Trichlorobenzene	0.0012	U	0.0012	0.00091	mg/Kg	☼	10/10/25 10:48	10/11/25 12:13	1
1,2,4-Trichlorobenzene	0.0012	U	0.0012	0.00044	mg/Kg	☼	10/10/25 10:48	10/11/25 12:13	1
1,2,4-Trimethylbenzene	0.0012	U	0.0012	0.00030	mg/Kg	☼	10/10/25 10:48	10/11/25 12:13	1

Client Sample ID: 45A3_9-10
Date Collected: 10/07/25 13:05
Date Received: 10/07/25 17:15

Lab Sample ID: 460-336648-70
Matrix: Solid
Percent Solids: 98.6

Method: SW846 8260D - Volatile Organic Compounds by GC/MS (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,2-Dibromo-3-Chloropropane	0.0012	U	0.0012	0.00057	mg/Kg	☼	10/10/25 10:48	10/11/25 12:13	1
1,2-Dichlorobenzene	0.0012	U	0.0012	0.00045	mg/Kg	☼	10/10/25 10:48	10/11/25 12:13	1
1,2-Dichloroethane	0.0012	U	0.0012	0.00037	mg/Kg	☼	10/10/25 10:48	10/11/25 12:13	1
1,2-Dichloropropane	0.0012	U	0.0012	0.00052	mg/Kg	☼	10/10/25 10:48	10/11/25 12:13	1
1,3,5-Trimethylbenzene	0.0012	U	0.0012	0.00039	mg/Kg	☼	10/10/25 10:48	10/11/25 12:13	1
1,3-Dichlorobenzene	0.0012	U	0.0012	0.00045	mg/Kg	☼	10/10/25 10:48	10/11/25 12:13	1
1,4-Dichlorobenzene	0.0012	U	0.0012	0.00064	mg/Kg	☼	10/10/25 10:48	10/11/25 12:13	1
2-Butanone (MEK)	0.0062	U	0.0062	0.00045	mg/Kg	☼	10/10/25 10:48	10/11/25 12:13	1
2-Hexanone	0.0062	U *	0.0062	0.0021	mg/Kg	☼	10/10/25 10:48	10/11/25 12:13	1
4-Methyl-2-pentanone (MIBK)	0.0062	U *	0.0062	0.0019	mg/Kg	☼	10/10/25 10:48	10/11/25 12:13	1
Acetone	**0.15**		0.0074	0.0071	mg/Kg	☼	10/10/25 10:48	10/11/25 12:13	1
Benzene	0.0012	U	0.0012	0.00070	mg/Kg	☼	10/10/25 10:48	10/11/25 12:13	1
Bromoform	0.0012	U	0.0012	0.00052	mg/Kg	☼	10/10/25 10:48	10/11/25 12:13	1
Bromomethane	0.0025	U	0.0025	0.0012	mg/Kg	☼	10/10/25 10:48	10/11/25 12:13	1
Carbon disulfide	0.0012	U	0.0012	0.00033	mg/Kg	☼	10/10/25 10:48	10/11/25 12:13	1
Carbon tetrachloride	0.0012	U	0.0012	0.00048	mg/Kg	☼	10/10/25 10:48	10/11/25 12:13	1
Chlorobenzene	0.0012	U	0.0012	0.00063	mg/Kg	☼	10/10/25 10:48	10/11/25 12:13	1
Chlorobromomethane	0.0012	U	0.0012	0.00074	mg/Kg	☼	10/10/25 10:48	10/11/25 12:13	1
Chlorodibromomethane	0.0012	U	0.0012	0.00066	mg/Kg	☼	10/10/25 10:48	10/11/25 12:13	1
Chloroethane	0.0012	U	0.0012	0.00064	mg/Kg	☼	10/10/25 10:48	10/11/25 12:13	1
Chloroform	0.0012	U	0.0012	0.0012	mg/Kg	☼	10/10/25 10:48	10/11/25 12:13	1
Chloromethane	0.0012	U	0.0012	0.00054	mg/Kg	☼	10/10/25 10:48	10/11/25 12:13	1
cis-1,2-Dichloroethene	0.0012	U	0.0012	0.00044	mg/Kg	☼	10/10/25 10:48	10/11/25 12:13	1
cis-1,3-Dichloropropene	0.0012	U	0.0012	0.00034	mg/Kg	☼	10/10/25 10:48	10/11/25 12:13	1
Cyclohexane	0.0012	U	0.0012	0.00027	mg/Kg	☼	10/10/25 10:48	10/11/25 12:13	1
Dichlorobromomethane	0.0012	U	0.0012	0.00032	mg/Kg	☼	10/10/25 10:48	10/11/25 12:13	1
Dichlorodifluoromethane	0.0012	U	0.0012	0.00042	mg/Kg	☼	10/10/25 10:48	10/11/25 12:13	1
Ethylbenzene	0.0012	U	0.0012	0.00058	mg/Kg	☼	10/10/25 10:48	10/11/25 12:13	1
Ethylene Dibromide	0.0012	U	0.0012	0.00062	mg/Kg	☼	10/10/25 10:48	10/11/25 12:13	1
Isopropylbenzene	0.0012	U	0.0012	0.00035	mg/Kg	☼	10/10/25 10:48	10/11/25 12:13	1
Methyl acetate	0.0062	U	0.0062	0.0053	mg/Kg	☼	10/10/25 10:48	10/11/25 12:13	1
Methyl tert-butyl ether	0.0012	U	0.0012	0.00063	mg/Kg	☼	10/10/25 10:48	10/11/25 12:13	1
Methylcyclohexane	0.0012	U	0.0012	0.00062	mg/Kg	☼	10/10/25 10:48	10/11/25 12:13	1
Methylene Chloride	0.0025	U	0.0025	0.0014	mg/Kg	☼	10/10/25 10:48	10/11/25 12:13	1
m-Xylene & p-Xylene	0.0012	U	0.0012	0.00052	mg/Kg	☼	10/10/25 10:48	10/11/25 12:13	1
n-Butylbenzene	0.0012	U	0.0012	0.00036	mg/Kg	☼	10/10/25 10:48	10/11/25 12:13	1
N-Propylbenzene	0.0012	U	0.0012	0.00055	mg/Kg	☼	10/10/25 10:48	10/11/25 12:13	1
o-Xylene	0.0012	U	0.0012	0.00057	mg/Kg	☼	10/10/25 10:48	10/11/25 12:13	1
sec-Butylbenzene	0.0012	U	0.0012	0.00036	mg/Kg	☼	10/10/25 10:48	10/11/25 12:13	1
Styrene	0.0012	U	0.0012	0.00034	mg/Kg	☼	10/10/25 10:48	10/11/25 12:13	1
tert-Butylbenzene	0.0012	U	0.0012	0.00034	mg/Kg	☼	10/10/25 10:48	10/11/25 12:13	1
Tetrachloroethene	0.0012	U	0.0012	0.00038	mg/Kg	☼	10/10/25 10:48	10/11/25 12:13	1
Toluene	**0.00089**	**J**	0.0012	0.00029	mg/Kg	☼	10/10/25 10:48	10/11/25 12:13	1
trans-1,2-Dichloroethene	0.0012	U	0.0012	0.00030	mg/Kg	☼	10/10/25 10:48	10/11/25 12:13	1
trans-1,3-Dichloropropene	0.0012	U	0.0012	0.00033	mg/Kg	☼	10/10/25 10:48	10/11/25 12:13	1
Trichloroethene	0.0012	U	0.0012	0.00040	mg/Kg	☼	10/10/25 10:48	10/11/25 12:13	1
Trichlorofluoromethane	0.0012	U	0.0012	0.00050	mg/Kg	☼	10/10/25 10:48	10/11/25 12:13	1
Vinyl chloride	0.0012	U	0.0012	0.00067	mg/Kg	☼	10/10/25 10:48	10/11/25 12:13	1
Xylenes, Total	0.0025	U	0.0025	0.00021	mg/Kg	☼	10/10/25 10:48	10/11/25 12:13	1

Client Sample ID: 45A3_9-10

Lab Sample ID: 460-336648-70

Date Collected: 10/07/25 13:05
Matrix: Solid
Date Received: 10/07/25 17:15
Percent Solids: 98.6

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
1,2-Dichloroethane-d4 (Surr)	*113*		*65 - 138*	*10/10/25 10:48*	*10/11/25 12:13*	*1*
4-Bromofluorobenzene	*101*		*71 - 128*	*10/10/25 10:48*	*10/11/25 12:13*	*1*
Dibromofluoromethane (Surr)	*123*		*50 - 150*	*10/10/25 10:48*	*10/11/25 12:13*	*1*
Toluene-d8 (Surr)	*93*		*71 - 126*	*10/10/25 10:48*	*10/11/25 12:13*	*1*

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Percent Moisture (EPA Moisture)	**1.4**		1.0	1.0	%			10/12/25 15:03	1
Percent Solids (EPA Moisture)	**98.6**		1.0	1.0	%			10/12/25 15:03	1

Client Sample ID: 45A1_11-12

Lab Sample ID: 460-336648-71

Date Collected: 10/07/25 13:10
Matrix: Solid
Date Received: 10/07/25 17:15
Percent Solids: 98.6

Method: SW846 8260D - Volatile Organic Compounds by GC/MS

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1-Trichloroethane	0.0012	U	0.0012	0.00027	mg/Kg	☼	10/10/25 10:48	10/11/25 12:36	1
1,1,2,2-Tetrachloroethane	0.0012	U	0.0012	0.00060	mg/Kg	☼	10/10/25 10:48	10/11/25 12:36	1
1,1,2-Trichloro-1,2,2-trifluoroethane	0.0012	U	0.0012	0.00035	mg/Kg	☼	10/10/25 10:48	10/11/25 12:36	1
1,1,2-Trichloroethane	0.0012	U	0.0012	0.00069	mg/Kg	☼	10/10/25 10:48	10/11/25 12:36	1
1,1-Dichloroethane	0.0012	U	0.0012	0.00069	mg/Kg	☼	10/10/25 10:48	10/11/25 12:36	1
1,1-Dichloroethene	0.0012	U	0.0012	0.00026	mg/Kg	☼	10/10/25 10:48	10/11/25 12:36	1
1,2,3-Trichlorobenzene	0.0012	U	0.0012	0.00085	mg/Kg	☼	10/10/25 10:48	10/11/25 12:36	1
1,2,4-Trichlorobenzene	0.0012	U	0.0012	0.00041	mg/Kg	☼	10/10/25 10:48	10/11/25 12:36	1
1,2,4-Trimethylbenzene	0.0012	U	0.0012	0.00028	mg/Kg	☼	10/10/25 10:48	10/11/25 12:36	1
1,2-Dibromo-3-Chloropropane	0.0012	U	0.0012	0.00053	mg/Kg	☼	10/10/25 10:48	10/11/25 12:36	1
1,2-Dichlorobenzene	0.0012	U	0.0012	0.00042	mg/Kg	☼	10/10/25 10:48	10/11/25 12:36	1
1,2-Dichloroethane	0.0012	U	0.0012	0.00034	mg/Kg	☼	10/10/25 10:48	10/11/25 12:36	1
1,2-Dichloropropane	0.0012	U	0.0012	0.00049	mg/Kg	☼	10/10/25 10:48	10/11/25 12:36	1
1,3,5-Trimethylbenzene	0.0012	U	0.0012	0.00036	mg/Kg	☼	10/10/25 10:48	10/11/25 12:36	1
1,3-Dichlorobenzene	0.0012	U	0.0012	0.00042	mg/Kg	☼	10/10/25 10:48	10/11/25 12:36	1
1,4-Dichlorobenzene	0.0012	U	0.0012	0.00060	mg/Kg	☼	10/10/25 10:48	10/11/25 12:36	1
2-Butanone (MEK)	0.0058	U	0.0058	0.00042	mg/Kg	☼	10/10/25 10:48	10/11/25 12:36	1
2-Hexanone	0.0058	U *	0.0058	0.0020	mg/Kg	☼	10/10/25 10:48	10/11/25 12:36	1
4-Methyl-2-pentanone (MIBK)	0.0058	U *	0.0058	0.0018	mg/Kg	☼	10/10/25 10:48	10/11/25 12:36	1
Acetone	**0.11**		0.0069	0.0066	mg/Kg	☼	10/10/25 10:48	10/11/25 12:36	1
Benzene	0.0012	U	0.0012	0.00065	mg/Kg	☼	10/10/25 10:48	10/11/25 12:36	1
Bromoform	0.0012	U	0.0012	0.00049	mg/Kg	☼	10/10/25 10:48	10/11/25 12:36	1
Bromomethane	0.0023	U	0.0023	0.0012	mg/Kg	☼	10/10/25 10:48	10/11/25 12:36	1
Carbon disulfide	0.0012	U	0.0012	0.00031	mg/Kg	☼	10/10/25 10:48	10/11/25 12:36	1
Carbon tetrachloride	0.0012	U	0.0012	0.00045	mg/Kg	☼	10/10/25 10:48	10/11/25 12:36	1
Chlorobenzene	0.0012	U	0.0012	0.00058	mg/Kg	☼	10/10/25 10:48	10/11/25 12:36	1
Chlorobromomethane	0.0012	U	0.0012	0.00069	mg/Kg	☼	10/10/25 10:48	10/11/25 12:36	1
Chlorodibromomethane	0.0012	U	0.0012	0.00062	mg/Kg	☼	10/10/25 10:48	10/11/25 12:36	1
Chloroethane	0.0012	U	0.0012	0.00060	mg/Kg	☼	10/10/25 10:48	10/11/25 12:36	1
Chloroform	0.0012	U	0.0012	0.0011	mg/Kg	☼	10/10/25 10:48	10/11/25 12:36	1
Chloromethane	0.0012	U	0.0012	0.00050	mg/Kg	☼	10/10/25 10:48	10/11/25 12:36	1
cis-1,2-Dichloroethene	0.0012	U	0.0012	0.00041	mg/Kg	☼	10/10/25 10:48	10/11/25 12:36	1
cis-1,3-Dichloropropene	0.0012	U	0.0012	0.00031	mg/Kg	☼	10/10/25 10:48	10/11/25 12:36	1
Cyclohexane	0.0012	U	0.0012	0.00025	mg/Kg	☼	10/10/25 10:48	10/11/25 12:36	1
Dichlorobromomethane	0.0012	U	0.0012	0.00030	mg/Kg	☼	10/10/25 10:48	10/11/25 12:36	1

Client Sample ID: 45A1_11-12

Lab Sample ID: 460-336648-71

Date Collected: 10/07/25 13:10
Matrix: Solid
Date Received: 10/07/25 17:15
Percent Solids: 98.6

Method: SW846 8260D - Volatile Organic Compounds by GC/MS (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Dichlorodifluoromethane	0.0012	U	0.0012	0.00039	mg/Kg	☼	10/10/25 10:48	10/11/25 12:36	1
Ethylbenzene	0.0012	U	0.0012	0.00054	mg/Kg	☼	10/10/25 10:48	10/11/25 12:36	1
Ethylene Dibromide	0.0012	U	0.0012	0.00058	mg/Kg	☼	10/10/25 10:48	10/11/25 12:36	1
Isopropylbenzene	0.0012	U	0.0012	0.00033	mg/Kg	☼	10/10/25 10:48	10/11/25 12:36	1
Methyl acetate	0.0058	U	0.0058	0.0050	mg/Kg	☼	10/10/25 10:48	10/11/25 12:36	1
Methyl tert-butyl ether	0.0012	U	0.0012	0.00059	mg/Kg	☼	10/10/25 10:48	10/11/25 12:36	1
Methylcyclohexane	0.0012	U	0.0012	0.00058	mg/Kg	☼	10/10/25 10:48	10/11/25 12:36	1
Methylene Chloride	0.0023	U	0.0023	0.0013	mg/Kg	☼	10/10/25 10:48	10/11/25 12:36	1
m-Xylene & p-Xylene	0.0012	U	0.0012	0.00049	mg/Kg	☼	10/10/25 10:48	10/11/25 12:36	1
n-Butylbenzene	0.0012	U	0.0012	0.00034	mg/Kg	☼	10/10/25 10:48	10/11/25 12:36	1
N-Propylbenzene	0.0012	U	0.0012	0.00052	mg/Kg	☼	10/10/25 10:48	10/11/25 12:36	1
o-Xylene	0.0012	U	0.0012	0.00053	mg/Kg	☼	10/10/25 10:48	10/11/25 12:36	1
sec-Butylbenzene	0.0012	U	0.0012	0.00033	mg/Kg	☼	10/10/25 10:48	10/11/25 12:36	1
Styrene	0.0012	U	0.0012	0.00032	mg/Kg	☼	10/10/25 10:48	10/11/25 12:36	1
tert-Butylbenzene	0.0012	U	0.0012	0.00032	mg/Kg	☼	10/10/25 10:48	10/11/25 12:36	1
Tetrachloroethene	0.0012	U	0.0012	0.00035	mg/Kg	☼	10/10/25 10:48	10/11/25 12:36	1
Toluene	0.0012	U	0.0012	0.00027	mg/Kg	☼	10/10/25 10:48	10/11/25 12:36	1
trans-1,2-Dichloroethene	0.0012	U	0.0012	0.00028	mg/Kg	☼	10/10/25 10:48	10/11/25 12:36	1
trans-1,3-Dichloropropene	0.0012	U	0.0012	0.00031	mg/Kg	☼	10/10/25 10:48	10/11/25 12:36	1
Trichloroethene	0.0012	U	0.0012	0.00037	mg/Kg	☼	10/10/25 10:48	10/11/25 12:36	1
Trichlorofluoromethane	0.0012	U	0.0012	0.00047	mg/Kg	☼	10/10/25 10:48	10/11/25 12:36	1
Vinyl chloride	0.0012	U	0.0012	0.00063	mg/Kg	☼	10/10/25 10:48	10/11/25 12:36	1
Xylenes, Total	0.0023	U	0.0023	0.00020	mg/Kg	☼	10/10/25 10:48	10/11/25 12:36	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,2-Dichloroethane-d4 (Surr)	*112*		*65 - 138*	*10/10/25 10:48*	*10/11/25 12:36*	*1*
4-Bromofluorobenzene	*100*		*71 - 128*	*10/10/25 10:48*	*10/11/25 12:36*	*1*
Dibromofluoromethane (Surr)	*122*		*50 - 150*	*10/10/25 10:48*	*10/11/25 12:36*	*1*
Toluene-d8 (Surr)	*93*		*71 - 126*	*10/10/25 10:48*	*10/11/25 12:36*	*1*

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Percent Moisture (EPA Moisture)	**1.4**		1.0	1.0	%			10/12/25 15:03	1
Percent Solids (EPA Moisture)	**98.6**		1.0	1.0	%			10/12/25 15:03	1

Client Sample ID: 45B1_1-2

Lab Sample ID: 460-336648-72

Date Collected: 10/07/25 13:15
Matrix: Solid
Date Received: 10/07/25 17:15
Percent Solids: 99.1

Method: SW846 8260D - Volatile Organic Compounds by GC/MS

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1-Trichloroethane	0.0011	U	0.0011	0.00025	mg/Kg	☼	10/10/25 10:48	10/11/25 12:59	1
1,1,2,2-Tetrachloroethane	0.0011	U	0.0011	0.00055	mg/Kg	☼	10/10/25 10:48	10/11/25 12:59	1
1,1,2-Trichloro-1,2,2-trifluoroethane	0.0011	U	0.0011	0.00032	mg/Kg	☼	10/10/25 10:48	10/11/25 12:59	1
1,1,2-Trichloroethane	0.0011	U	0.0011	0.00063	mg/Kg	☼	10/10/25 10:48	10/11/25 12:59	1
1,1-Dichloroethane	0.0011	U	0.0011	0.00063	mg/Kg	☼	10/10/25 10:48	10/11/25 12:59	1
1,1-Dichloroethene	0.0011	U	0.0011	0.00024	mg/Kg	☼	10/10/25 10:48	10/11/25 12:59	1
1,2,3-Trichlorobenzene	0.0011	U	0.0011	0.00078	mg/Kg	☼	10/10/25 10:48	10/11/25 12:59	1
1,2,4-Trichlorobenzene	0.0011	U	0.0011	0.00038	mg/Kg	☼	10/10/25 10:48	10/11/25 12:59	1
1,2,4-Trimethylbenzene	0.0011	U	0.0011	0.00026	mg/Kg	☼	10/10/25 10:48	10/11/25 12:59	1

Client: Haley & Aldrich, Inc.
Project/Site: Former Port Mobil

Job ID: 460-336648-1

Client Sample ID: 45B1_1-2
Date Collected: 10/07/25 13:15
Date Received: 10/07/25 17:15

Lab Sample ID: 460-336648-72
Matrix: Solid
Percent Solids: 99.1

Method: SW846 8260D - Volatile Organic Compounds by GC/MS (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,2-Dibromo-3-Chloropropane	0.0011	U	0.0011	0.00049	mg/Kg	☼	10/10/25 10:48	10/11/25 12:59	1
1,2-Dichlorobenzene	0.0011	U	0.0011	0.00038	mg/Kg	☼	10/10/25 10:48	10/11/25 12:59	1
1,2-Dichloroethane	0.0011	U	0.0011	0.00031	mg/Kg	☼	10/10/25 10:48	10/11/25 12:59	1
1,2-Dichloropropane	0.0011	U	0.0011	0.00045	mg/Kg	☼	10/10/25 10:48	10/11/25 12:59	1
1,3,5-Trimethylbenzene	0.0011	U	0.0011	0.00033	mg/Kg	☼	10/10/25 10:48	10/11/25 12:59	1
1,3-Dichlorobenzene	0.0011	U	0.0011	0.00039	mg/Kg	☼	10/10/25 10:48	10/11/25 12:59	1
1,4-Dichlorobenzene	0.0011	U	0.0011	0.00055	mg/Kg	☼	10/10/25 10:48	10/11/25 12:59	1
2-Butanone (MEK)	0.0053	U	0.0053	0.00039	mg/Kg	☼	10/10/25 10:48	10/11/25 12:59	1
2-Hexanone	0.0053	U *	0.0053	0.0018	mg/Kg	☼	10/10/25 10:48	10/11/25 12:59	1
4-Methyl-2-pentanone (MIBK)	0.0053	U *	0.0053	0.0016	mg/Kg	☼	10/10/25 10:48	10/11/25 12:59	1
Acetone	0.0063	U	0.0063	0.0060	mg/Kg	☼	10/10/25 10:48	10/11/25 12:59	1
Benzene	0.0011	U	0.0011	0.00060	mg/Kg	☼	10/10/25 10:48	10/11/25 12:59	1
Bromoform	0.0011	U	0.0011	0.00045	mg/Kg	☼	10/10/25 10:48	10/11/25 12:59	1
Bromomethane	0.0021	U	0.0021	0.0011	mg/Kg	☼	10/10/25 10:48	10/11/25 12:59	1
Carbon disulfide	0.0011	U	0.0011	0.00028	mg/Kg	☼	10/10/25 10:48	10/11/25 12:59	1
Carbon tetrachloride	0.0011	U	0.0011	0.00041	mg/Kg	☼	10/10/25 10:48	10/11/25 12:59	1
Chlorobenzene	0.0011	U	0.0011	0.00054	mg/Kg	☼	10/10/25 10:48	10/11/25 12:59	1
Chlorobromomethane	0.0011	U	0.0011	0.00063	mg/Kg	☼	10/10/25 10:48	10/11/25 12:59	1
Chlorodibromomethane	0.0011	U	0.0011	0.00057	mg/Kg	☼	10/10/25 10:48	10/11/25 12:59	1
Chloroethane	0.0011	U	0.0011	0.00055	mg/Kg	☼	10/10/25 10:48	10/11/25 12:59	1
Chloroform	0.0011	U	0.0011	0.0010	mg/Kg	☼	10/10/25 10:48	10/11/25 12:59	1
Chloromethane	0.0011	U	0.0011	0.00046	mg/Kg	☼	10/10/25 10:48	10/11/25 12:59	1
cis-1,2-Dichloroethene	0.0011	U	0.0011	0.00038	mg/Kg	☼	10/10/25 10:48	10/11/25 12:59	1
cis-1,3-Dichloropropene	0.0011	U	0.0011	0.00029	mg/Kg	☼	10/10/25 10:48	10/11/25 12:59	1
Cyclohexane	0.0011	U	0.0011	0.00023	mg/Kg	☼	10/10/25 10:48	10/11/25 12:59	1
Dichlorobromomethane	0.0011	U	0.0011	0.00027	mg/Kg	☼	10/10/25 10:48	10/11/25 12:59	1
Dichlorodifluoromethane	0.0011	U	0.0011	0.00036	mg/Kg	☼	10/10/25 10:48	10/11/25 12:59	1
Ethylbenzene	0.0011	U	0.0011	0.00049	mg/Kg	☼	10/10/25 10:48	10/11/25 12:59	1
Ethylene Dibromide	0.0011	U	0.0011	0.00053	mg/Kg	☼	10/10/25 10:48	10/11/25 12:59	1
Isopropylbenzene	0.0011	U	0.0011	0.00030	mg/Kg	☼	10/10/25 10:48	10/11/25 12:59	1
Methyl acetate	0.0053	U	0.0053	0.0045	mg/Kg	☼	10/10/25 10:48	10/11/25 12:59	1
Methyl tert-butyl ether	0.0011	U	0.0011	0.00054	mg/Kg	☼	10/10/25 10:48	10/11/25 12:59	1
Methylcyclohexane	0.0011	U	0.0011	0.00053	mg/Kg	☼	10/10/25 10:48	10/11/25 12:59	1
Methylene Chloride	0.0021	U	0.0021	0.0012	mg/Kg	☼	10/10/25 10:48	10/11/25 12:59	1
m-Xylene & p-Xylene	0.0011	U	0.0011	0.00045	mg/Kg	☼	10/10/25 10:48	10/11/25 12:59	1
n-Butylbenzene	0.0011	U	0.0011	0.00031	mg/Kg	☼	10/10/25 10:48	10/11/25 12:59	1
N-Propylbenzene	0.0011	U	0.0011	0.00047	mg/Kg	☼	10/10/25 10:48	10/11/25 12:59	1
o-Xylene	0.0011	U	0.0011	0.00049	mg/Kg	☼	10/10/25 10:48	10/11/25 12:59	1
sec-Butylbenzene	0.0011	U	0.0011	0.00030	mg/Kg	☼	10/10/25 10:48	10/11/25 12:59	1
Styrene	0.0011	U	0.0011	0.00029	mg/Kg	☼	10/10/25 10:48	10/11/25 12:59	1
tert-Butylbenzene	0.0011	U	0.0011	0.00029	mg/Kg	☼	10/10/25 10:48	10/11/25 12:59	1
Tetrachloroethene	0.0011	U	0.0011	0.00032	mg/Kg	☼	10/10/25 10:48	10/11/25 12:59	1
Toluene	**0.00054**	**J**	0.0011	0.00025	mg/Kg	☼	10/10/25 10:48	10/11/25 12:59	1
trans-1,2-Dichloroethene	0.0011	U	0.0011	0.00026	mg/Kg	☼	10/10/25 10:48	10/11/25 12:59	1
trans-1,3-Dichloropropene	0.0011	U	0.0011	0.00028	mg/Kg	☼	10/10/25 10:48	10/11/25 12:59	1
Trichloroethene	0.0011	U	0.0011	0.00034	mg/Kg	☼	10/10/25 10:48	10/11/25 12:59	1
Trichlorofluoromethane	0.0011	U	0.0011	0.00043	mg/Kg	☼	10/10/25 10:48	10/11/25 12:59	1
Vinyl chloride	0.0011	U	0.0011	0.00058	mg/Kg	☼	10/10/25 10:48	10/11/25 12:59	1
Xylenes, Total	0.0021	U	0.0021	0.00018	mg/Kg	☼	10/10/25 10:48	10/11/25 12:59	1

Client Sample ID: 45B1_1-2

Lab Sample ID: 460-336648-72

Date Collected: 10/07/25 13:15
Matrix: Solid
Date Received: 10/07/25 17:15
Percent Solids: 99.1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,2-Dichloroethane-d4 (Surr)	*115*		*65 - 138*	*10/10/25 10:48*	*10/11/25 12:59*	*1*
4-Bromofluorobenzene	*102*		*71 - 128*	*10/10/25 10:48*	*10/11/25 12:59*	*1*
Dibromofluoromethane (Surr)	*124*		*50 - 150*	*10/10/25 10:48*	*10/11/25 12:59*	*1*
Toluene-d8 (Surr)	*92*		*71 - 126*	*10/10/25 10:48*	*10/11/25 12:59*	*1*

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Percent Moisture (EPA Moisture)	1.0	U	1.0	1.0	%			10/12/25 15:03	1
Percent Solids (EPA Moisture)	**99.1**		1.0	1.0	%			10/12/25 15:03	1

Client Sample ID: 45B2_3-4

Lab Sample ID: 460-336648-73

Date Collected: 10/07/25 13:20
Matrix: Solid
Date Received: 10/07/25 17:15
Percent Solids: 98.9

Method: SW846 8260D - Volatile Organic Compounds by GC/MS

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1-Trichloroethane	0.0011	U	0.0011	0.00026	mg/Kg	☼	10/10/25 10:58	10/11/25 13:22	1
1,1,2,2-Tetrachloroethane	0.0011	U	0.0011	0.00059	mg/Kg	☼	10/10/25 10:58	10/11/25 13:22	1
1,1,2-Trichloro-1,2,2-trifluoroethane	0.0011	U	0.0011	0.00034	mg/Kg	☼	10/10/25 10:58	10/11/25 13:22	1
1,1,2-Trichloroethane	0.0011	U	0.0011	0.00068	mg/Kg	☼	10/10/25 10:58	10/11/25 13:22	1
1,1-Dichloroethane	0.0011	U	0.0011	0.00068	mg/Kg	☼	10/10/25 10:58	10/11/25 13:22	1
1,1-Dichloroethene	0.0011	U	0.0011	0.00026	mg/Kg	☼	10/10/25 10:58	10/11/25 13:22	1
1,2,3-Trichlorobenzene	0.0011	U	0.0011	0.00084	mg/Kg	☼	10/10/25 10:58	10/11/25 13:22	1
1,2,4-Trichlorobenzene	0.0011	U	0.0011	0.00041	mg/Kg	☼	10/10/25 10:58	10/11/25 13:22	1
1,2,4-Trimethylbenzene	0.0011	U	0.0011	0.00028	mg/Kg	☼	10/10/25 10:58	10/11/25 13:22	1
1,2-Dibromo-3-Chloropropane	0.0011	U	0.0011	0.00052	mg/Kg	☼	10/10/25 10:58	10/11/25 13:22	1
1,2-Dichlorobenzene	0.0011	U	0.0011	0.00041	mg/Kg	☼	10/10/25 10:58	10/11/25 13:22	1
1,2-Dichloroethane	0.0011	U	0.0011	0.00034	mg/Kg	☼	10/10/25 10:58	10/11/25 13:22	1
1,2-Dichloropropane	0.0011	U	0.0011	0.00048	mg/Kg	☼	10/10/25 10:58	10/11/25 13:22	1
1,3,5-Trimethylbenzene	0.0011	U	0.0011	0.00036	mg/Kg	☼	10/10/25 10:58	10/11/25 13:22	1
1,3-Dichlorobenzene	0.0011	U	0.0011	0.00041	mg/Kg	☼	10/10/25 10:58	10/11/25 13:22	1
1,4-Dichlorobenzene	0.0011	U	0.0011	0.00059	mg/Kg	☼	10/10/25 10:58	10/11/25 13:22	1
2-Butanone (MEK)	0.0057	U	0.0057	0.00042	mg/Kg	☼	10/10/25 10:58	10/11/25 13:22	1
2-Hexanone	0.0057	U *	0.0057	0.0019	mg/Kg	☼	10/10/25 10:58	10/11/25 13:22	1
4-Methyl-2-pentanone (MIBK)	0.0057	U *	0.0057	0.0018	mg/Kg	☼	10/10/25 10:58	10/11/25 13:22	1
Acetone	0.0068	U	0.0068	0.0065	mg/Kg	☼	10/10/25 10:58	10/11/25 13:22	1
Benzene	0.0011	U	0.0011	0.00064	mg/Kg	☼	10/10/25 10:58	10/11/25 13:22	1
Bromoform	0.0011	U	0.0011	0.00048	mg/Kg	☼	10/10/25 10:58	10/11/25 13:22	1
Bromomethane	0.0023	U	0.0023	0.0011	mg/Kg	☼	10/10/25 10:58	10/11/25 13:22	1
Carbon disulfide	0.0011	U	0.0011	0.00030	mg/Kg	☼	10/10/25 10:58	10/11/25 13:22	1
Carbon tetrachloride	0.0011	U	0.0011	0.00044	mg/Kg	☼	10/10/25 10:58	10/11/25 13:22	1
Chlorobenzene	0.0011	U	0.0011	0.00058	mg/Kg	☼	10/10/25 10:58	10/11/25 13:22	1
Chlorobromomethane	0.0011	U	0.0011	0.00068	mg/Kg	☼	10/10/25 10:58	10/11/25 13:22	1
Chlorodibromomethane	0.0011	U	0.0011	0.00061	mg/Kg	☼	10/10/25 10:58	10/11/25 13:22	1
Chloroethane	0.0011	U	0.0011	0.00059	mg/Kg	☼	10/10/25 10:58	10/11/25 13:22	1
Chloroform	0.0011	U	0.0011	0.0011	mg/Kg	☼	10/10/25 10:58	10/11/25 13:22	1
Chloromethane	0.0011	U	0.0011	0.00049	mg/Kg	☼	10/10/25 10:58	10/11/25 13:22	1
cis-1,2-Dichloroethene	0.0011	U	0.0011	0.00041	mg/Kg	☼	10/10/25 10:58	10/11/25 13:22	1
cis-1,3-Dichloropropene	0.0011	U	0.0011	0.00031	mg/Kg	☼	10/10/25 10:58	10/11/25 13:22	1
Cyclohexane	0.0011	U	0.0011	0.00025	mg/Kg	☼	10/10/25 10:58	10/11/25 13:22	1
Dichlorobromomethane	0.0011	U	0.0011	0.00029	mg/Kg	☼	10/10/25 10:58	10/11/25 13:22	1

Client Sample ID: 45B2_3-4

Lab Sample ID: 460-336648-73

Date Collected: 10/07/25 13:20
Matrix: Solid
Date Received: 10/07/25 17:15
Percent Solids: 98.9

Method: SW846 8260D - Volatile Organic Compounds by GC/MS (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Dichlorodifluoromethane	0.0011	U	0.0011	0.00038	mg/Kg	☼	10/10/25 10:58	10/11/25 13:22	1
Ethylbenzene	0.0011	U	0.0011	0.00053	mg/Kg	☼	10/10/25 10:58	10/11/25 13:22	1
Ethylene Dibromide	0.0011	U	0.0011	0.00057	mg/Kg	☼	10/10/25 10:58	10/11/25 13:22	1
Isopropylbenzene	0.0011	U	0.0011	0.00032	mg/Kg	☼	10/10/25 10:58	10/11/25 13:22	1
Methyl acetate	0.0057	U	0.0057	0.0049	mg/Kg	☼	10/10/25 10:58	10/11/25 13:22	1
Methyl tert-butyl ether	0.0011	U	0.0011	0.00058	mg/Kg	☼	10/10/25 10:58	10/11/25 13:22	1
Methylcyclohexane	0.0011	U	0.0011	0.00057	mg/Kg	☼	10/10/25 10:58	10/11/25 13:22	1
Methylene Chloride	0.0023	U	0.0023	0.0013	mg/Kg	☼	10/10/25 10:58	10/11/25 13:22	1
m-Xylene & p-Xylene	0.0011	U	0.0011	0.00048	mg/Kg	☼	10/10/25 10:58	10/11/25 13:22	1
n-Butylbenzene	0.0011	U	0.0011	0.00033	mg/Kg	☼	10/10/25 10:58	10/11/25 13:22	1
N-Propylbenzene	0.0011	U	0.0011	0.00051	mg/Kg	☼	10/10/25 10:58	10/11/25 13:22	1
o-Xylene	0.0011	U	0.0011	0.00052	mg/Kg	☼	10/10/25 10:58	10/11/25 13:22	1
sec-Butylbenzene	0.0011	U	0.0011	0.00033	mg/Kg	☼	10/10/25 10:58	10/11/25 13:22	1
Styrene	0.0011	U	0.0011	0.00032	mg/Kg	☼	10/10/25 10:58	10/11/25 13:22	1
tert-Butylbenzene	0.0011	U	0.0011	0.00031	mg/Kg	☼	10/10/25 10:58	10/11/25 13:22	1
Tetrachloroethene	0.0011	U	0.0011	0.00035	mg/Kg	☼	10/10/25 10:58	10/11/25 13:22	1
Toluene	0.0011	U	0.0011	0.00027	mg/Kg	☼	10/10/25 10:58	10/11/25 13:22	1
trans-1,2-Dichloroethene	0.0011	U	0.0011	0.00028	mg/Kg	☼	10/10/25 10:58	10/11/25 13:22	1
trans-1,3-Dichloropropene	0.0011	U	0.0011	0.00030	mg/Kg	☼	10/10/25 10:58	10/11/25 13:22	1
Trichloroethene	0.0011	U	0.0011	0.00036	mg/Kg	☼	10/10/25 10:58	10/11/25 13:22	1
Trichlorofluoromethane	0.0011	U	0.0011	0.00046	mg/Kg	☼	10/10/25 10:58	10/11/25 13:22	1
Vinyl chloride	0.0011	U	0.0011	0.00062	mg/Kg	☼	10/10/25 10:58	10/11/25 13:22	1
Xylenes, Total	0.0023	U	0.0023	0.00020	mg/Kg	☼	10/10/25 10:58	10/11/25 13:22	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,2-Dichloroethane-d4 (Surr)	*114*		*65 - 138*	*10/10/25 10:58*	*10/11/25 13:22*	*1*
4-Bromofluorobenzene	*100*		*71 - 128*	*10/10/25 10:58*	*10/11/25 13:22*	*1*
Dibromofluoromethane (Surr)	*128*		*50 - 150*	*10/10/25 10:58*	*10/11/25 13:22*	*1*
Toluene-d8 (Surr)	*93*		*71 - 126*	*10/10/25 10:58*	*10/11/25 13:22*	*1*

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Percent Moisture (EPA Moisture)	**1.1**		1.0	1.0	%			10/12/25 15:03	1
Percent Solids (EPA Moisture)	**98.9**		1.0	1.0	%			10/12/25 15:03	1

Client Sample ID: 45B3_4-5

Lab Sample ID: 460-336648-74

Date Collected: 10/07/25 13:25
Matrix: Solid
Date Received: 10/07/25 17:15
Percent Solids: 98.7

Method: SW846 8260D - Volatile Organic Compounds by GC/MS

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1-Trichloroethane	0.00090	U	0.00090	0.00021	mg/Kg	☼	10/10/25 10:58	10/11/25 13:46	1
1,1,2,2-Tetrachloroethane	0.00090	U	0.00090	0.00047	mg/Kg	☼	10/10/25 10:58	10/11/25 13:46	1
1,1,2-Trichloro-1,2,2-trifluoroethane	0.00090	U	0.00090	0.00027	mg/Kg	☼	10/10/25 10:58	10/11/25 13:46	1
1,1,2-Trichloroethane	0.00090	U	0.00090	0.00054	mg/Kg	☼	10/10/25 10:58	10/11/25 13:46	1
1,1-Dichloroethane	0.00090	U	0.00090	0.00054	mg/Kg	☼	10/10/25 10:58	10/11/25 13:46	1
1,1-Dichloroethene	0.00090	U	0.00090	0.00020	mg/Kg	☼	10/10/25 10:58	10/11/25 13:46	1
1,2,3-Trichlorobenzene	0.00090	U	0.00090	0.00066	mg/Kg	☼	10/10/25 10:58	10/11/25 13:46	1
1,2,4-Trichlorobenzene	0.00090	U	0.00090	0.00032	mg/Kg	☼	10/10/25 10:58	10/11/25 13:46	1
1,2,4-Trimethylbenzene	0.00090	U	0.00090	0.00022	mg/Kg	☼	10/10/25 10:58	10/11/25 13:46	1

Client: Haley & Aldrich, Inc.
Project/Site: Former Port Mobil

Job ID: 460-336648-1

Client Sample ID: 45B3_4-5
Date Collected: 10/07/25 13:25
Date Received: 10/07/25 17:15

Lab Sample ID: 460-336648-74
Matrix: Solid
Percent Solids: 98.7

Method: SW846 8260D - Volatile Organic Compounds by GC/MS (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,2-Dibromo-3-Chloropropane	0.00090	U	0.00090	0.00041	mg/Kg	☼	10/10/25 10:58	10/11/25 13:46	1
1,2-Dichlorobenzene	0.00090	U	0.00090	0.00032	mg/Kg	☼	10/10/25 10:58	10/11/25 13:46	1
1,2-Dichloroethane	0.00090	U	0.00090	0.00027	mg/Kg	☼	10/10/25 10:58	10/11/25 13:46	1
1,2-Dichloropropane	0.00090	U	0.00090	0.00038	mg/Kg	☼	10/10/25 10:58	10/11/25 13:46	1
1,3,5-Trimethylbenzene	0.00090	U	0.00090	0.00028	mg/Kg	☼	10/10/25 10:58	10/11/25 13:46	1
1,3-Dichlorobenzene	0.00090	U	0.00090	0.00033	mg/Kg	☼	10/10/25 10:58	10/11/25 13:46	1
1,4-Dichlorobenzene	0.00090	U	0.00090	0.00047	mg/Kg	☼	10/10/25 10:58	10/11/25 13:46	1
2-Butanone (MEK)	0.0045	U	0.0045	0.00033	mg/Kg	☼	10/10/25 10:58	10/11/25 13:46	1
2-Hexanone	0.0045	U *	0.0045	0.0015	mg/Kg	☼	10/10/25 10:58	10/11/25 13:46	1
4-Methyl-2-pentanone (MIBK)	0.0045	U *	0.0045	0.0014	mg/Kg	☼	10/10/25 10:58	10/11/25 13:46	1
Acetone	0.0054	U	0.0054	0.0051	mg/Kg	☼	10/10/25 10:58	10/11/25 13:46	1
Benzene	0.00090	U	0.00090	0.00051	mg/Kg	☼	10/10/25 10:58	10/11/25 13:46	1
Bromoform	0.00090	U	0.00090	0.00038	mg/Kg	☼	10/10/25 10:58	10/11/25 13:46	1
Bromomethane	0.0018	U	0.0018	0.00090	mg/Kg	☼	10/10/25 10:58	10/11/25 13:46	1
Carbon disulfide	0.00090	U	0.00090	0.00024	mg/Kg	☼	10/10/25 10:58	10/11/25 13:46	1
Carbon tetrachloride	0.00090	U	0.00090	0.00035	mg/Kg	☼	10/10/25 10:58	10/11/25 13:46	1
Chlorobenzene	0.00090	U	0.00090	0.00046	mg/Kg	☼	10/10/25 10:58	10/11/25 13:46	1
Chlorobromomethane	0.00090	U	0.00090	0.00054	mg/Kg	☼	10/10/25 10:58	10/11/25 13:46	1
Chlorodibromomethane	0.00090	U	0.00090	0.00048	mg/Kg	☼	10/10/25 10:58	10/11/25 13:46	1
Chloroethane	0.00090	U	0.00090	0.00047	mg/Kg	☼	10/10/25 10:58	10/11/25 13:46	1
Chloroform	0.00090	U	0.00090	0.00087	mg/Kg	☼	10/10/25 10:58	10/11/25 13:46	1
Chloromethane	0.00090	U	0.00090	0.00039	mg/Kg	☼	10/10/25 10:58	10/11/25 13:46	1
cis-1,2-Dichloroethene	0.00090	U	0.00090	0.00032	mg/Kg	☼	10/10/25 10:58	10/11/25 13:46	1
cis-1,3-Dichloropropene	0.00090	U	0.00090	0.00025	mg/Kg	☼	10/10/25 10:58	10/11/25 13:46	1
Cyclohexane	0.00090	U	0.00090	0.00020	mg/Kg	☼	10/10/25 10:58	10/11/25 13:46	1
Dichlorobromomethane	0.00090	U	0.00090	0.00023	mg/Kg	☼	10/10/25 10:58	10/11/25 13:46	1
Dichlorodifluoromethane	0.00090	U	0.00090	0.00030	mg/Kg	☼	10/10/25 10:58	10/11/25 13:46	1
Ethylbenzene	0.00090	U	0.00090	0.00042	mg/Kg	☼	10/10/25 10:58	10/11/25 13:46	1
Ethylene Dibromide	0.00090	U	0.00090	0.00045	mg/Kg	☼	10/10/25 10:58	10/11/25 13:46	1
Isopropylbenzene	0.00090	U	0.00090	0.00026	mg/Kg	☼	10/10/25 10:58	10/11/25 13:46	1
Methyl acetate	0.0045	U	0.0045	0.0039	mg/Kg	☼	10/10/25 10:58	10/11/25 13:46	1
Methyl tert-butyl ether	0.00090	U	0.00090	0.00046	mg/Kg	☼	10/10/25 10:58	10/11/25 13:46	1
Methylcyclohexane	0.00090	U	0.00090	0.00045	mg/Kg	☼	10/10/25 10:58	10/11/25 13:46	1
Methylene Chloride	0.0018	U	0.0018	0.0010	mg/Kg	☼	10/10/25 10:58	10/11/25 13:46	1
m-Xylene & p-Xylene	0.00090	U	0.00090	0.00038	mg/Kg	☼	10/10/25 10:58	10/11/25 13:46	1
n-Butylbenzene	0.00090	U	0.00090	0.00026	mg/Kg	☼	10/10/25 10:58	10/11/25 13:46	1
N-Propylbenzene	0.00090	U	0.00090	0.00040	mg/Kg	☼	10/10/25 10:58	10/11/25 13:46	1
o-Xylene	0.00090	U	0.00090	0.00041	mg/Kg	☼	10/10/25 10:58	10/11/25 13:46	1
sec-Butylbenzene	0.00090	U	0.00090	0.00026	mg/Kg	☼	10/10/25 10:58	10/11/25 13:46	1
Styrene	0.00090	U	0.00090	0.00025	mg/Kg	☼	10/10/25 10:58	10/11/25 13:46	1
tert-Butylbenzene	0.00090	U	0.00090	0.00025	mg/Kg	☼	10/10/25 10:58	10/11/25 13:46	1
Tetrachloroethene	0.00090	U	0.00090	0.00027	mg/Kg	☼	10/10/25 10:58	10/11/25 13:46	1
Toluene	**0.00043**	**J**	0.00090	0.00021	mg/Kg	☼	10/10/25 10:58	10/11/25 13:46	1
trans-1,2-Dichloroethene	0.00090	U	0.00090	0.00022	mg/Kg	☼	10/10/25 10:58	10/11/25 13:46	1
trans-1,3-Dichloropropene	0.00090	U	0.00090	0.00024	mg/Kg	☼	10/10/25 10:58	10/11/25 13:46	1
Trichloroethene	0.00090	U	0.00090	0.00029	mg/Kg	☼	10/10/25 10:58	10/11/25 13:46	1
Trichlorofluoromethane	0.00090	U	0.00090	0.00037	mg/Kg	☼	10/10/25 10:58	10/11/25 13:46	1
Vinyl chloride	0.00090	U	0.00090	0.00049	mg/Kg	☼	10/10/25 10:58	10/11/25 13:46	1
Xylenes, Total	0.0018	U	0.0018	0.00016	mg/Kg	☼	10/10/25 10:58	10/11/25 13:46	1

Client Sample ID: 45B3_4-5

Lab Sample ID: 460-336648-74

Date Collected: 10/07/25 13:25
Matrix: Solid
Date Received: 10/07/25 17:15
Percent Solids: 98.7

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
1,2-Dichloroethane-d4 (Surr)	113		65 - 138	10/10/25 10:58	10/11/25 13:46	1
4-Bromofluorobenzene	102		71 - 128	10/10/25 10:58	10/11/25 13:46	1
Dibromofluoromethane (Surr)	123		50 - 150	10/10/25 10:58	10/11/25 13:46	1
Toluene-d8 (Surr)	93		71 - 126	10/10/25 10:58	10/11/25 13:46	1

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Percent Moisture (EPA Moisture)	1.3		1.0	1.0	%			10/12/25 15:03	1
Percent Solids (EPA Moisture)	98.7		1.0	1.0	%			10/12/25 15:03	1

Client Sample ID: 45B1_6-7

Lab Sample ID: 460-336648-75

Date Collected: 10/07/25 13:30
Matrix: Solid
Date Received: 10/07/25 17:15
Percent Solids: 98.6

Method: SW846 8260D - Volatile Organic Compounds by GC/MS

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1-Trichloroethane	0.0013	U	0.0013	0.00029	mg/Kg	☼	10/10/25 10:58	10/11/25 14:09	1
1,1,2,2-Tetrachloroethane	0.0013	U	0.0013	0.00066	mg/Kg	☼	10/10/25 10:58	10/11/25 14:09	1
1,1,2-Trichloro-1,2,2-trifluoroethane	0.0013	U	0.0013	0.00038	mg/Kg	☼	10/10/25 10:58	10/11/25 14:09	1
1,1,2-Trichloroethane	0.0013	U	0.0013	0.00076	mg/Kg	☼	10/10/25 10:58	10/11/25 14:09	1
1,1-Dichloroethane	0.0013	U	0.0013	0.00075	mg/Kg	☼	10/10/25 10:58	10/11/25 14:09	1
1,1-Dichloroethene	0.0013	U	0.0013	0.00028	mg/Kg	☼	10/10/25 10:58	10/11/25 14:09	1
1,2,3-Trichlorobenzene	0.0013	U	0.0013	0.00093	mg/Kg	☼	10/10/25 10:58	10/11/25 14:09	1
1,2,4-Trichlorobenzene	0.0013	U	0.0013	0.00045	mg/Kg	☼	10/10/25 10:58	10/11/25 14:09	1
1,2,4-Trimethylbenzene	0.0013	U	0.0013	0.00031	mg/Kg	☼	10/10/25 10:58	10/11/25 14:09	1
1,2-Dibromo-3-Chloropropane	0.0013	U	0.0013	0.00058	mg/Kg	☼	10/10/25 10:58	10/11/25 14:09	1
1,2-Dichlorobenzene	0.0013	U	0.0013	0.00046	mg/Kg	☼	10/10/25 10:58	10/11/25 14:09	1
1,2-Dichloroethane	0.0013	U	0.0013	0.00037	mg/Kg	☼	10/10/25 10:58	10/11/25 14:09	1
1,2-Dichloropropane	0.0013	U	0.0013	0.00053	mg/Kg	☼	10/10/25 10:58	10/11/25 14:09	1
1,3,5-Trimethylbenzene	0.0013	U	0.0013	0.00040	mg/Kg	☼	10/10/25 10:58	10/11/25 14:09	1
1,3-Dichlorobenzene	0.0013	U	0.0013	0.00046	mg/Kg	☼	10/10/25 10:58	10/11/25 14:09	1
1,4-Dichlorobenzene	0.0013	U	0.0013	0.00066	mg/Kg	☼	10/10/25 10:58	10/11/25 14:09	1
2-Butanone (MEK)	0.0063	U	0.0063	0.00046	mg/Kg	☼	10/10/25 10:58	10/11/25 14:09	1
2-Hexanone	0.0063	U *	0.0063	0.0022	mg/Kg	☼	10/10/25 10:58	10/11/25 14:09	1
4-Methyl-2-pentanone (MIBK)	0.0063	U *	0.0063	0.0020	mg/Kg	☼	10/10/25 10:58	10/11/25 14:09	1
Acetone	0.0076	U	0.0076	0.0072	mg/Kg	☼	10/10/25 10:58	10/11/25 14:09	1
Benzene	0.0013	U	0.0013	0.00072	mg/Kg	☼	10/10/25 10:58	10/11/25 14:09	1
Bromoform	0.0013	U	0.0013	0.00054	mg/Kg	☼	10/10/25 10:58	10/11/25 14:09	1
Bromomethane	0.0025	U	0.0025	0.0013	mg/Kg	☼	10/10/25 10:58	10/11/25 14:09	1
Carbon disulfide	0.0013	U	0.0013	0.00034	mg/Kg	☼	10/10/25 10:58	10/11/25 14:09	1
Carbon tetrachloride	0.0013	U	0.0013	0.00049	mg/Kg	☼	10/10/25 10:58	10/11/25 14:09	1
Chlorobenzene	0.0013	U	0.0013	0.00064	mg/Kg	☼	10/10/25 10:58	10/11/25 14:09	1
Chlorobromomethane	0.0013	U	0.0013	0.00075	mg/Kg	☼	10/10/25 10:58	10/11/25 14:09	1
Chlorodibromomethane	0.0013	U	0.0013	0.00068	mg/Kg	☼	10/10/25 10:58	10/11/25 14:09	1
Chloroethane	0.0013	U	0.0013	0.00066	mg/Kg	☼	10/10/25 10:58	10/11/25 14:09	1
Chloroform	0.0013	U	0.0013	0.0012	mg/Kg	☼	10/10/25 10:58	10/11/25 14:09	1
Chloromethane	0.0013	U	0.0013	0.00055	mg/Kg	☼	10/10/25 10:58	10/11/25 14:09	1
cis-1,2-Dichloroethene	0.0013	U	0.0013	0.00045	mg/Kg	☼	10/10/25 10:58	10/11/25 14:09	1
cis-1,3-Dichloropropene	0.0013	U	0.0013	0.00034	mg/Kg	☼	10/10/25 10:58	10/11/25 14:09	1
Cyclohexane	0.0013	U	0.0013	0.00028	mg/Kg	☼	10/10/25 10:58	10/11/25 14:09	1
Dichlorobromomethane	0.0013	U	0.0013	0.00032	mg/Kg	☼	10/10/25 10:58	10/11/25 14:09	1

Client Sample ID: 45B1_6-7

Lab Sample ID: 460-336648-75

Date Collected: 10/07/25 13:30
Matrix: Solid
Date Received: 10/07/25 17:15
Percent Solids: 98.6

Method: SW846 8260D - Volatile Organic Compounds by GC/MS (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Dichlorodifluoromethane	0.0013	U	0.0013	0.00043	mg/Kg	☼	10/10/25 10:58	10/11/25 14:09	1
Ethylbenzene	0.0013	U	0.0013	0.00059	mg/Kg	☼	10/10/25 10:58	10/11/25 14:09	1
Ethylene Dibromide	0.0013	U	0.0013	0.00064	mg/Kg	☼	10/10/25 10:58	10/11/25 14:09	1
Isopropylbenzene	0.0013	U	0.0013	0.00036	mg/Kg	☼	10/10/25 10:58	10/11/25 14:09	1
Methyl acetate	0.0063	U	0.0063	0.0054	mg/Kg	☼	10/10/25 10:58	10/11/25 14:09	1
Methyl tert-butyl ether	0.0013	U	0.0013	0.00065	mg/Kg	☼	10/10/25 10:58	10/11/25 14:09	1
Methylcyclohexane	0.0013	U	0.0013	0.00063	mg/Kg	☼	10/10/25 10:58	10/11/25 14:09	1
Methylene Chloride	**0.0016**	**J**	0.0025	0.0014	mg/Kg	☼	10/10/25 10:58	10/11/25 14:09	1
m-Xylene & p-Xylene	0.0013	U	0.0013	0.00053	mg/Kg	☼	10/10/25 10:58	10/11/25 14:09	1
n-Butylbenzene	0.0013	U	0.0013	0.00037	mg/Kg	☼	10/10/25 10:58	10/11/25 14:09	1
N-Propylbenzene	0.0013	U	0.0013	0.00057	mg/Kg	☼	10/10/25 10:58	10/11/25 14:09	1
o-Xylene	0.0013	U	0.0013	0.00058	mg/Kg	☼	10/10/25 10:58	10/11/25 14:09	1
sec-Butylbenzene	0.0013	U	0.0013	0.00036	mg/Kg	☼	10/10/25 10:58	10/11/25 14:09	1
Styrene	0.0013	U	0.0013	0.00035	mg/Kg	☼	10/10/25 10:58	10/11/25 14:09	1
tert-Butylbenzene	0.0013	U	0.0013	0.00035	mg/Kg	☼	10/10/25 10:58	10/11/25 14:09	1
Tetrachloroethene	0.0013	U	0.0013	0.00038	mg/Kg	☼	10/10/25 10:58	10/11/25 14:09	1
Toluene	**0.00049**	**J**	0.0013	0.00030	mg/Kg	☼	10/10/25 10:58	10/11/25 14:09	1
trans-1,2-Dichloroethene	0.0013	U	0.0013	0.00031	mg/Kg	☼	10/10/25 10:58	10/11/25 14:09	1
trans-1,3-Dichloropropene	0.0013	U	0.0013	0.00034	mg/Kg	☼	10/10/25 10:58	10/11/25 14:09	1
Trichloroethene	0.0013	U	0.0013	0.00041	mg/Kg	☼	10/10/25 10:58	10/11/25 14:09	1
Trichlorofluoromethane	0.0013	U	0.0013	0.00051	mg/Kg	☼	10/10/25 10:58	10/11/25 14:09	1
Vinyl chloride	0.0013	U	0.0013	0.00069	mg/Kg	☼	10/10/25 10:58	10/11/25 14:09	1
Xylenes, Total	0.0025	U	0.0025	0.00022	mg/Kg	☼	10/10/25 10:58	10/11/25 14:09	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,2-Dichloroethane-d4 (Surr)	*113*		*65 - 138*	*10/10/25 10:58*	*10/11/25 14:09*	*1*
4-Bromofluorobenzene	*101*		*71 - 128*	*10/10/25 10:58*	*10/11/25 14:09*	*1*
Dibromofluoromethane (Surr)	*123*		*50 - 150*	*10/10/25 10:58*	*10/11/25 14:09*	*1*
Toluene-d8 (Surr)	*93*		*71 - 126*	*10/10/25 10:58*	*10/11/25 14:09*	*1*

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Percent Moisture (EPA Moisture)	**1.4**		1.0	1.0	%			10/12/25 15:03	1
Percent Solids (EPA Moisture)	**98.6**		1.0	1.0	%			10/12/25 15:03	1

Client Sample ID: 45B2_7-8

Lab Sample ID: 460-336648-76

Date Collected: 10/07/25 13:35
Matrix: Solid
Date Received: 10/07/25 17:15
Percent Solids: 96.6

Method: SW846 8260D - Volatile Organic Compounds by GC/MS

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1-Trichloroethane	0.0011	U	0.0011	0.00026	mg/Kg	☼	10/10/25 10:59	10/11/25 14:32	1
1,1,2,2-Tetrachloroethane	0.0011	U	0.0011	0.00059	mg/Kg	☼	10/10/25 10:59	10/11/25 14:32	1
1,1,2-Trichloro-1,2,2-trifluoroethane	0.0011	U	0.0011	0.00034	mg/Kg	☼	10/10/25 10:59	10/11/25 14:32	1
1,1,2-Trichloroethane	0.0011	U	0.0011	0.00068	mg/Kg	☼	10/10/25 10:59	10/11/25 14:32	1
1,1-Dichloroethane	0.0011	U	0.0011	0.00068	mg/Kg	☼	10/10/25 10:59	10/11/25 14:32	1
1,1-Dichloroethene	0.0011	U	0.0011	0.00025	mg/Kg	☼	10/10/25 10:59	10/11/25 14:32	1
1,2,3-Trichlorobenzene	0.0011	U	0.0011	0.00083	mg/Kg	☼	10/10/25 10:59	10/11/25 14:32	1
1,2,4-Trichlorobenzene	0.0011	U	0.0011	0.00040	mg/Kg	☼	10/10/25 10:59	10/11/25 14:32	1
1,2,4-Trimethylbenzene	0.0011	U	0.0011	0.00028	mg/Kg	☼	10/10/25 10:59	10/11/25 14:32	1

Client: Haley & Aldrich, Inc.
Project/Site: Former Port Mobil

Job ID: 460-336648-1

Client Sample ID: 45B2_7-8
Date Collected: 10/07/25 13:35
Date Received: 10/07/25 17:15

Lab Sample ID: 460-336648-76
Matrix: Solid
Percent Solids: 96.6

Method: SW846 8260D - Volatile Organic Compounds by GC/MS (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,2-Dibromo-3-Chloropropane	0.0011	U	0.0011	0.00052	mg/Kg	☼	10/10/25 10:59	10/11/25 14:32	1
1,2-Dichlorobenzene	0.0011	U	0.0011	0.00041	mg/Kg	☼	10/10/25 10:59	10/11/25 14:32	1
1,2-Dichloroethane	0.0011	U	0.0011	0.00033	mg/Kg	☼	10/10/25 10:59	10/11/25 14:32	1
1,2-Dichloropropane	0.0011	U	0.0011	0.00048	mg/Kg	☼	10/10/25 10:59	10/11/25 14:32	1
1,3,5-Trimethylbenzene	0.0011	U	0.0011	0.00036	mg/Kg	☼	10/10/25 10:59	10/11/25 14:32	1
1,3-Dichlorobenzene	0.0011	U	0.0011	0.00041	mg/Kg	☼	10/10/25 10:59	10/11/25 14:32	1
1,4-Dichlorobenzene	0.0011	U	0.0011	0.00059	mg/Kg	☼	10/10/25 10:59	10/11/25 14:32	1
2-Butanone (MEK)	0.0057	U	0.0057	0.00042	mg/Kg	☼	10/10/25 10:59	10/11/25 14:32	1
2-Hexanone	0.0057	U *	0.0057	0.0019	mg/Kg	☼	10/10/25 10:59	10/11/25 14:32	1
4-Methyl-2-pentanone (MIBK)	0.0057	U *	0.0057	0.0018	mg/Kg	☼	10/10/25 10:59	10/11/25 14:32	1
Acetone	0.0068	U	0.0068	0.0065	mg/Kg	☼	10/10/25 10:59	10/11/25 14:32	1
Benzene	0.0011	U	0.0011	0.00064	mg/Kg	☼	10/10/25 10:59	10/11/25 14:32	1
Bromoform	0.0011	U	0.0011	0.00048	mg/Kg	☼	10/10/25 10:59	10/11/25 14:32	1
Bromomethane	0.0023	U	0.0023	0.0011	mg/Kg	☼	10/10/25 10:59	10/11/25 14:32	1
Carbon disulfide	0.0011	U	0.0011	0.00030	mg/Kg	☼	10/10/25 10:59	10/11/25 14:32	1
Carbon tetrachloride	0.0011	U	0.0011	0.00044	mg/Kg	☼	10/10/25 10:59	10/11/25 14:32	1
Chlorobenzene	0.0011	U	0.0011	0.00057	mg/Kg	☼	10/10/25 10:59	10/11/25 14:32	1
Chlorobromomethane	0.0011	U	0.0011	0.00067	mg/Kg	☼	10/10/25 10:59	10/11/25 14:32	1
Chlorodibromomethane	0.0011	U	0.0011	0.00061	mg/Kg	☼	10/10/25 10:59	10/11/25 14:32	1
Chloroethane	0.0011	U	0.0011	0.00059	mg/Kg	☼	10/10/25 10:59	10/11/25 14:32	1
Chloroform	0.0011	U	0.0011	0.0011	mg/Kg	☼	10/10/25 10:59	10/11/25 14:32	1
Chloromethane	0.0011	U	0.0011	0.00049	mg/Kg	☼	10/10/25 10:59	10/11/25 14:32	1
cis-1,2-Dichloroethene	0.0011	U	0.0011	0.00040	mg/Kg	☼	10/10/25 10:59	10/11/25 14:32	1
cis-1,3-Dichloropropene	0.0011	U	0.0011	0.00031	mg/Kg	☼	10/10/25 10:59	10/11/25 14:32	1
Cyclohexane	0.0011	U	0.0011	0.00025	mg/Kg	☼	10/10/25 10:59	10/11/25 14:32	1
Dichlorobromomethane	0.0011	U	0.0011	0.00029	mg/Kg	☼	10/10/25 10:59	10/11/25 14:32	1
Dichlorodifluoromethane	0.0011	U	0.0011	0.00038	mg/Kg	☼	10/10/25 10:59	10/11/25 14:32	1
Ethylbenzene	0.0011	U	0.0011	0.00053	mg/Kg	☼	10/10/25 10:59	10/11/25 14:32	1
Ethylene Dibromide	0.0011	U	0.0011	0.00057	mg/Kg	☼	10/10/25 10:59	10/11/25 14:32	1
Isopropylbenzene	0.0011	U	0.0011	0.00032	mg/Kg	☼	10/10/25 10:59	10/11/25 14:32	1
Methyl acetate	0.0057	U	0.0057	0.0049	mg/Kg	☼	10/10/25 10:59	10/11/25 14:32	1
Methyl tert-butyl ether	0.0011	U	0.0011	0.00058	mg/Kg	☼	10/10/25 10:59	10/11/25 14:32	1
Methylcyclohexane	0.0011	U	0.0011	0.00056	mg/Kg	☼	10/10/25 10:59	10/11/25 14:32	1
Methylene Chloride	0.0023	U	0.0023	0.0013	mg/Kg	☼	10/10/25 10:59	10/11/25 14:32	1
m-Xylene & p-Xylene	0.0011	U	0.0011	0.00048	mg/Kg	☼	10/10/25 10:59	10/11/25 14:32	1
n-Butylbenzene	0.0011	U	0.0011	0.00033	mg/Kg	☼	10/10/25 10:59	10/11/25 14:32	1
N-Propylbenzene	0.0011	U	0.0011	0.00051	mg/Kg	☼	10/10/25 10:59	10/11/25 14:32	1
o-Xylene	0.0011	U	0.0011	0.00052	mg/Kg	☼	10/10/25 10:59	10/11/25 14:32	1
sec-Butylbenzene	0.0011	U	0.0011	0.00033	mg/Kg	☼	10/10/25 10:59	10/11/25 14:32	1
Styrene	0.0011	U	0.0011	0.00031	mg/Kg	☼	10/10/25 10:59	10/11/25 14:32	1
tert-Butylbenzene	0.0011	U	0.0011	0.00031	mg/Kg	☼	10/10/25 10:59	10/11/25 14:32	1
Tetrachloroethene	0.0011	U	0.0011	0.00034	mg/Kg	☼	10/10/25 10:59	10/11/25 14:32	1
Toluene	**0.00051**	**J**	0.0011	0.00026	mg/Kg	☼	10/10/25 10:59	10/11/25 14:32	1
trans-1,2-Dichloroethene	0.0011	U	0.0011	0.00028	mg/Kg	☼	10/10/25 10:59	10/11/25 14:32	1
trans-1,3-Dichloropropene	0.0011	U	0.0011	0.00030	mg/Kg	☼	10/10/25 10:59	10/11/25 14:32	1
Trichloroethene	0.0011	U	0.0011	0.00036	mg/Kg	☼	10/10/25 10:59	10/11/25 14:32	1
Trichlorofluoromethane	0.0011	U	0.0011	0.00046	mg/Kg	☼	10/10/25 10:59	10/11/25 14:32	1
Vinyl chloride	0.0011	U	0.0011	0.00062	mg/Kg	☼	10/10/25 10:59	10/11/25 14:32	1
Xylenes, Total	0.0023	U	0.0023	0.00020	mg/Kg	☼	10/10/25 10:59	10/11/25 14:32	1

Client Sample ID: 45B2_7-8

Lab Sample ID: 460-336648-76

Date Collected: 10/07/25 13:35
Matrix: Solid
Date Received: 10/07/25 17:15
Percent Solids: 96.6

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,2-Dichloroethane-d4 (Surr)	*114*		*65 - 138*	*10/10/25 10:59*	*10/11/25 14:32*	*1*
4-Bromofluorobenzene	*101*		*71 - 128*	*10/10/25 10:59*	*10/11/25 14:32*	*1*
Dibromofluoromethane (Surr)	*124*		*50 - 150*	*10/10/25 10:59*	*10/11/25 14:32*	*1*
Toluene-d8 (Surr)	*93*		*71 - 126*	*10/10/25 10:59*	*10/11/25 14:32*	*1*

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Percent Moisture (EPA Moisture)	**3.4**		1.0	1.0	%			10/12/25 15:03	1
Percent Solids (EPA Moisture)	**96.6**		1.0	1.0	%			10/12/25 15:03	1

Client Sample ID: 45B3_9-10

Lab Sample ID: 460-336648-77

Date Collected: 10/07/25 13:40
Matrix: Solid
Date Received: 10/07/25 17:15
Percent Solids: 98.8

Method: SW846 8260D - Volatile Organic Compounds by GC/MS

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1-Trichloroethane	0.00094	U	0.00094	0.00022	mg/Kg	☼	10/10/25 10:59	10/11/25 14:55	1
1,1,2,2-Tetrachloroethane	0.00094	U	0.00094	0.00049	mg/Kg	☼	10/10/25 10:59	10/11/25 14:55	1
1,1,2-Trichloro-1,2,2-trifluoroethane	0.00094	U	0.00094	0.00028	mg/Kg	☼	10/10/25 10:59	10/11/25 14:55	1
1,1,2-Trichloroethane	0.00094	U	0.00094	0.00056	mg/Kg	☼	10/10/25 10:59	10/11/25 14:55	1
1,1-Dichloroethane	0.00094	U	0.00094	0.00056	mg/Kg	☼	10/10/25 10:59	10/11/25 14:55	1
1,1-Dichloroethene	0.00094	U	0.00094	0.00021	mg/Kg	☼	10/10/25 10:59	10/11/25 14:55	1
1,2,3-Trichlorobenzene	0.00094	U	0.00094	0.00069	mg/Kg	☼	10/10/25 10:59	10/11/25 14:55	1
1,2,4-Trichlorobenzene	0.00094	U	0.00094	0.00034	mg/Kg	☼	10/10/25 10:59	10/11/25 14:55	1
1,2,4-Trimethylbenzene	0.00094	U	0.00094	0.00023	mg/Kg	☼	10/10/25 10:59	10/11/25 14:55	1
1,2-Dibromo-3-Chloropropane	0.00094	U	0.00094	0.00043	mg/Kg	☼	10/10/25 10:59	10/11/25 14:55	1
1,2-Dichlorobenzene	0.00094	U	0.00094	0.00034	mg/Kg	☼	10/10/25 10:59	10/11/25 14:55	1
1,2-Dichloroethane	0.00094	U	0.00094	0.00028	mg/Kg	☼	10/10/25 10:59	10/11/25 14:55	1
1,2-Dichloropropane	0.00094	U	0.00094	0.00040	mg/Kg	☼	10/10/25 10:59	10/11/25 14:55	1
1,3,5-Trimethylbenzene	0.00094	U	0.00094	0.00029	mg/Kg	☼	10/10/25 10:59	10/11/25 14:55	1
1,3-Dichlorobenzene	0.00094	U	0.00094	0.00034	mg/Kg	☼	10/10/25 10:59	10/11/25 14:55	1
1,4-Dichlorobenzene	0.00094	U	0.00094	0.00049	mg/Kg	☼	10/10/25 10:59	10/11/25 14:55	1
2-Butanone (MEK)	0.0047	U	0.0047	0.00035	mg/Kg	☼	10/10/25 10:59	10/11/25 14:55	1
2-Hexanone	0.0047	U *	0.0047	0.0016	mg/Kg	☼	10/10/25 10:59	10/11/25 14:55	1
4-Methyl-2-pentanone (MIBK)	0.0047	U *	0.0047	0.0015	mg/Kg	☼	10/10/25 10:59	10/11/25 14:55	1
Acetone	0.0056	U	0.0056	0.0054	mg/Kg	☼	10/10/25 10:59	10/11/25 14:55	1
Benzene	0.00094	U	0.00094	0.00053	mg/Kg	☼	10/10/25 10:59	10/11/25 14:55	1
Bromoform	0.00094	U	0.00094	0.00040	mg/Kg	☼	10/10/25 10:59	10/11/25 14:55	1
Bromomethane	0.0019	U	0.0019	0.00094	mg/Kg	☼	10/10/25 10:59	10/11/25 14:55	1
Carbon disulfide	0.00094	U	0.00094	0.00025	mg/Kg	☼	10/10/25 10:59	10/11/25 14:55	1
Carbon tetrachloride	0.00094	U	0.00094	0.00036	mg/Kg	☼	10/10/25 10:59	10/11/25 14:55	1
Chlorobenzene	0.00094	U	0.00094	0.00048	mg/Kg	☼	10/10/25 10:59	10/11/25 14:55	1
Chlorobromomethane	0.00094	U	0.00094	0.00056	mg/Kg	☼	10/10/25 10:59	10/11/25 14:55	1
Chlorodibromomethane	0.00094	U	0.00094	0.00050	mg/Kg	☼	10/10/25 10:59	10/11/25 14:55	1
Chloroethane	0.00094	U	0.00094	0.00049	mg/Kg	☼	10/10/25 10:59	10/11/25 14:55	1
Chloroform	0.00094	U	0.00094	0.00091	mg/Kg	☼	10/10/25 10:59	10/11/25 14:55	1
Chloromethane	0.00094	U	0.00094	0.00041	mg/Kg	☼	10/10/25 10:59	10/11/25 14:55	1
cis-1,2-Dichloroethene	0.00094	U	0.00094	0.00034	mg/Kg	☼	10/10/25 10:59	10/11/25 14:55	1
cis-1,3-Dichloropropene	0.00094	U	0.00094	0.00026	mg/Kg	☼	10/10/25 10:59	10/11/25 14:55	1
Cyclohexane	0.00094	U	0.00094	0.00021	mg/Kg	☼	10/10/25 10:59	10/11/25 14:55	1
Dichlorobromomethane	0.00094	U	0.00094	0.00024	mg/Kg	☼	10/10/25 10:59	10/11/25 14:55	1

Client Sample ID: 45B3_9-10

Lab Sample ID: 460-336648-77

Date Collected: 10/07/25 13:40
Matrix: Solid
Date Received: 10/07/25 17:15
Percent Solids: 98.8

Method: SW846 8260D - Volatile Organic Compounds by GC/MS (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Dichlorodifluoromethane	0.00094	U	0.00094	0.00032	mg/Kg	☼	10/10/25 10:59	10/11/25 14:55	1
Ethylbenzene	0.00094	U	0.00094	0.00044	mg/Kg	☼	10/10/25 10:59	10/11/25 14:55	1
Ethylene Dibromide	0.00094	U	0.00094	0.00047	mg/Kg	☼	10/10/25 10:59	10/11/25 14:55	1
Isopropylbenzene	0.00094	U	0.00094	0.00027	mg/Kg	☼	10/10/25 10:59	10/11/25 14:55	1
Methyl acetate	0.0047	U	0.0047	0.0040	mg/Kg	☼	10/10/25 10:59	10/11/25 14:55	1
Methyl tert-butyl ether	0.00094	U	0.00094	0.00048	mg/Kg	☼	10/10/25 10:59	10/11/25 14:55	1
Methylcyclohexane	0.00094	U	0.00094	0.00047	mg/Kg	☼	10/10/25 10:59	10/11/25 14:55	1
Methylene Chloride	0.0019	U	0.0019	0.0011	mg/Kg	☼	10/10/25 10:59	10/11/25 14:55	1
m-Xylene & p-Xylene	0.00094	U	0.00094	0.00040	mg/Kg	☼	10/10/25 10:59	10/11/25 14:55	1
n-Butylbenzene	0.00094	U	0.00094	0.00028	mg/Kg	☼	10/10/25 10:59	10/11/25 14:55	1
N-Propylbenzene	0.00094	U	0.00094	0.00042	mg/Kg	☼	10/10/25 10:59	10/11/25 14:55	1
o-Xylene	0.00094	U	0.00094	0.00043	mg/Kg	☼	10/10/25 10:59	10/11/25 14:55	1
sec-Butylbenzene	0.00094	U	0.00094	0.00027	mg/Kg	☼	10/10/25 10:59	10/11/25 14:55	1
Styrene	0.00094	U	0.00094	0.00026	mg/Kg	☼	10/10/25 10:59	10/11/25 14:55	1
tert-Butylbenzene	0.00094	U	0.00094	0.00026	mg/Kg	☼	10/10/25 10:59	10/11/25 14:55	1
Tetrachloroethene	0.00094	U	0.00094	0.00029	mg/Kg	☼	10/10/25 10:59	10/11/25 14:55	1
Toluene	**0.00056**	**J**	0.00094	0.00022	mg/Kg	☼	10/10/25 10:59	10/11/25 14:55	1
trans-1,2-Dichloroethene	0.00094	U	0.00094	0.00023	mg/Kg	☼	10/10/25 10:59	10/11/25 14:55	1
trans-1,3-Dichloropropene	0.00094	U	0.00094	0.00025	mg/Kg	☼	10/10/25 10:59	10/11/25 14:55	1
Trichloroethene	0.00094	U	0.00094	0.00030	mg/Kg	☼	10/10/25 10:59	10/11/25 14:55	1
Trichlorofluoromethane	0.00094	U	0.00094	0.00038	mg/Kg	☼	10/10/25 10:59	10/11/25 14:55	1
Vinyl chloride	0.00094	U	0.00094	0.00051	mg/Kg	☼	10/10/25 10:59	10/11/25 14:55	1
Xylenes, Total	0.0019	U	0.0019	0.00016	mg/Kg	☼	10/10/25 10:59	10/11/25 14:55	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,2-Dichloroethane-d4 (Surr)	*114*		*65 - 138*	*10/10/25 10:59*	*10/11/25 14:55*	*1*
4-Bromofluorobenzene	*101*		*71 - 128*	*10/10/25 10:59*	*10/11/25 14:55*	*1*
Dibromofluoromethane (Surr)	*124*		*50 - 150*	*10/10/25 10:59*	*10/11/25 14:55*	*1*
Toluene-d8 (Surr)	*92*		*71 - 126*	*10/10/25 10:59*	*10/11/25 14:55*	*1*

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Percent Moisture (EPA Moisture)	**1.2**		1.0	1.0	%			10/12/25 15:03	1
Percent Solids (EPA Moisture)	**98.8**		1.0	1.0	%			10/12/25 15:03	1

Client Sample ID: 45B2_10-11

Lab Sample ID: 460-336648-78

Date Collected: 10/07/25 13:45
Matrix: Solid
Date Received: 10/07/25 17:15
Percent Solids: 98.7

Method: SW846 8260D - Volatile Organic Compounds by GC/MS

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1-Trichloroethane	0.0012	U	0.0012	0.00027	mg/Kg	☼	10/10/25 10:59	10/11/25 07:31	1
1,1,2,2-Tetrachloroethane	0.0012	U	0.0012	0.00061	mg/Kg	☼	10/10/25 10:59	10/11/25 07:31	1
1,1,2-Trichloro-1,2,2-trifluoroethane	0.0012	U	0.0012	0.00035	mg/Kg	☼	10/10/25 10:59	10/11/25 07:31	1
1,1,2-Trichloroethane	0.0012	U	0.0012	0.00070	mg/Kg	☼	10/10/25 10:59	10/11/25 07:31	1
1,1-Dichloroethane	0.0012	U	0.0012	0.00069	mg/Kg	☼	10/10/25 10:59	10/11/25 07:31	1
1,1-Dichloroethene	0.0012	U	0.0012	0.00026	mg/Kg	☼	10/10/25 10:59	10/11/25 07:31	1
1,2,3-Trichlorobenzene	0.0012	U	0.0012	0.00086	mg/Kg	☼	10/10/25 10:59	10/11/25 07:31	1
1,2,4-Trichlorobenzene	0.0012	U	0.0012	0.00042	mg/Kg	☼	10/10/25 10:59	10/11/25 07:31	1
1,2,4-Trimethylbenzene	0.0012	U	0.0012	0.00029	mg/Kg	☼	10/10/25 10:59	10/11/25 07:31	1

Client: Haley & Aldrich, Inc.
Project/Site: Former Port Mobil

Job ID: 460-336648-1

Client Sample ID: 45B2_10-11
Date Collected: 10/07/25 13:45
Date Received: 10/07/25 17:15

Lab Sample ID: 460-336648-78
Matrix: Solid
Percent Solids: 98.7

Method: SW846 8260D - Volatile Organic Compounds by GC/MS (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,2-Dibromo-3-Chloropropane	0.0012	U	0.0012	0.00053	mg/Kg	☼	10/10/25 10:59	10/11/25 07:31	1
1,2-Dichlorobenzene	0.0012	U	0.0012	0.00042	mg/Kg	☼	10/10/25 10:59	10/11/25 07:31	1
1,2-Dichloroethane	0.0012	U	0.0012	0.00034	mg/Kg	☼	10/10/25 10:59	10/11/25 07:31	1
1,2-Dichloropropane	0.0012	U	0.0012	0.00049	mg/Kg	☼	10/10/25 10:59	10/11/25 07:31	1
1,3,5-Trimethylbenzene	0.0012	U	0.0012	0.00036	mg/Kg	☼	10/10/25 10:59	10/11/25 07:31	1
1,3-Dichlorobenzene	0.0012	U	0.0012	0.00042	mg/Kg	☼	10/10/25 10:59	10/11/25 07:31	1
1,4-Dichlorobenzene	0.0012	U	0.0012	0.00060	mg/Kg	☼	10/10/25 10:59	10/11/25 07:31	1
2-Butanone (MEK)	0.0058	U	0.0058	0.00043	mg/Kg	☼	10/10/25 10:59	10/11/25 07:31	1
2-Hexanone	0.0058	U	0.0058	0.0020	mg/Kg	☼	10/10/25 10:59	10/11/25 07:31	1
4-Methyl-2-pentanone (MIBK)	0.0058	U	0.0058	0.0018	mg/Kg	☼	10/10/25 10:59	10/11/25 07:31	1
Acetone	0.0070	U	0.0070	0.0066	mg/Kg	☼	10/10/25 10:59	10/11/25 07:31	1
Benzene	0.0012	U	0.0012	0.00066	mg/Kg	☼	10/10/25 10:59	10/11/25 07:31	1
Bromoform	0.0012	U	0.0012	0.00049	mg/Kg	☼	10/10/25 10:59	10/11/25 07:31	1
Bromomethane	0.0023	U	0.0023	0.0012	mg/Kg	☼	10/10/25 10:59	10/11/25 07:31	1
Carbon disulfide	0.0012	U	0.0012	0.00031	mg/Kg	☼	10/10/25 10:59	10/11/25 07:31	1
Carbon tetrachloride	0.0012	U	0.0012	0.00045	mg/Kg	☼	10/10/25 10:59	10/11/25 07:31	1
Chlorobenzene	0.0012	U	0.0012	0.00059	mg/Kg	☼	10/10/25 10:59	10/11/25 07:31	1
Chlorobromomethane	0.0012	U	0.0012	0.00069	mg/Kg	☼	10/10/25 10:59	10/11/25 07:31	1
Chlorodibromomethane	0.0012	U	0.0012	0.00062	mg/Kg	☼	10/10/25 10:59	10/11/25 07:31	1
Chloroethane	0.0012	U	0.0012	0.00061	mg/Kg	☼	10/10/25 10:59	10/11/25 07:31	1
Chloroform	0.0012	U	0.0012	0.0011	mg/Kg	☼	10/10/25 10:59	10/11/25 07:31	1
Chloromethane	0.0012	U	0.0012	0.00051	mg/Kg	☼	10/10/25 10:59	10/11/25 07:31	1
cis-1,2-Dichloroethene	0.0012	U	0.0012	0.00042	mg/Kg	☼	10/10/25 10:59	10/11/25 07:31	1
cis-1,3-Dichloropropene	0.0012	U	0.0012	0.00032	mg/Kg	☼	10/10/25 10:59	10/11/25 07:31	1
Cyclohexane	0.0012	U	0.0012	0.00026	mg/Kg	☼	10/10/25 10:59	10/11/25 07:31	1
Dichlorobromomethane	0.0012	U	0.0012	0.00030	mg/Kg	☼	10/10/25 10:59	10/11/25 07:31	1
Dichlorodifluoromethane	0.0012	U	0.0012	0.00039	mg/Kg	☼	10/10/25 10:59	10/11/25 07:31	1
Ethylbenzene	0.0012	U	0.0012	0.00054	mg/Kg	☼	10/10/25 10:59	10/11/25 07:31	1
Ethylene Dibromide	0.0012	U	0.0012	0.00059	mg/Kg	☼	10/10/25 10:59	10/11/25 07:31	1
Isopropylbenzene	0.0012	U	0.0012	0.00033	mg/Kg	☼	10/10/25 10:59	10/11/25 07:31	1
Methyl acetate	0.0058	U	0.0058	0.0050	mg/Kg	☼	10/10/25 10:59	10/11/25 07:31	1
Methyl tert-butyl ether	0.0012	U	0.0012	0.00060	mg/Kg	☼	10/10/25 10:59	10/11/25 07:31	1
Methylcyclohexane	0.0012	U	0.0012	0.00058	mg/Kg	☼	10/10/25 10:59	10/11/25 07:31	1
Methylene Chloride	0.0023	U	0.0023	0.0013	mg/Kg	☼	10/10/25 10:59	10/11/25 07:31	1
m-Xylene & p-Xylene	0.0012	U	0.0012	0.00049	mg/Kg	☼	10/10/25 10:59	10/11/25 07:31	1
n-Butylbenzene	0.0012	U	0.0012	0.00034	mg/Kg	☼	10/10/25 10:59	10/11/25 07:31	1
N-Propylbenzene	0.0012	U	0.0012	0.00052	mg/Kg	☼	10/10/25 10:59	10/11/25 07:31	1
o-Xylene	0.0012	U	0.0012	0.00054	mg/Kg	☼	10/10/25 10:59	10/11/25 07:31	1
sec-Butylbenzene	0.0012	U	0.0012	0.00033	mg/Kg	☼	10/10/25 10:59	10/11/25 07:31	1
Styrene	0.0012	U	0.0012	0.00032	mg/Kg	☼	10/10/25 10:59	10/11/25 07:31	1
tert-Butylbenzene	0.0012	U	0.0012	0.00032	mg/Kg	☼	10/10/25 10:59	10/11/25 07:31	1
Tetrachloroethene	0.0012	U	0.0012	0.00035	mg/Kg	☼	10/10/25 10:59	10/11/25 07:31	1
Toluene	0.0012	U	0.0012	0.00027	mg/Kg	☼	10/10/25 10:59	10/11/25 07:31	1
trans-1,2-Dichloroethene	0.0012	U	0.0012	0.00029	mg/Kg	☼	10/10/25 10:59	10/11/25 07:31	1
trans-1,3-Dichloropropene	0.0012	U	0.0012	0.00031	mg/Kg	☼	10/10/25 10:59	10/11/25 07:31	1
Trichloroethene	0.0012	U	0.0012	0.00037	mg/Kg	☼	10/10/25 10:59	10/11/25 07:31	1
Trichlorofluoromethane	0.0012	U	0.0012	0.00047	mg/Kg	☼	10/10/25 10:59	10/11/25 07:31	1
Vinyl chloride	0.0012	U	0.0012	0.00063	mg/Kg	☼	10/10/25 10:59	10/11/25 07:31	1
Xylenes, Total	0.0023	U	0.0023	0.00020	mg/Kg	☼	10/10/25 10:59	10/11/25 07:31	1

Client Sample ID: 45B2_10-11

Lab Sample ID: 460-336648-78

Date Collected: 10/07/25 13:45
Matrix: Solid
Date Received: 10/07/25 17:15
Percent Solids: 98.7

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,2-Dichloroethane-d4 (Surr)	*89*		*65 - 138*	*10/10/25 10:59*	*10/11/25 07:31*	*1*
4-Bromofluorobenzene	*94*		*71 - 128*	*10/10/25 10:59*	*10/11/25 07:31*	*1*
Dibromofluoromethane (Surr)	*98*		*50 - 150*	*10/10/25 10:59*	*10/11/25 07:31*	*1*
Toluene-d8 (Surr)	*101*		*71 - 126*	*10/10/25 10:59*	*10/11/25 07:31*	*1*

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Percent Moisture (EPA Moisture)	**1.3**		1.0	1.0	%			10/12/25 15:03	1
Percent Solids (EPA Moisture)	**98.7**		1.0	1.0	%			10/12/25 15:03	1

Client Sample ID: 45C1_1-2

Lab Sample ID: 460-336648-79

Date Collected: 10/07/25 13:50
Matrix: Solid
Date Received: 10/07/25 17:15
Percent Solids: 97.1

Method: SW846 8260D - Volatile Organic Compounds by GC/MS

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1-Trichloroethane	0.00099	U	0.00099	0.00023	mg/Kg	☼	10/10/25 11:00	10/10/25 21:27	1
1,1,2,2-Tetrachloroethane	0.00099	U	0.00099	0.00051	mg/Kg	☼	10/10/25 11:00	10/10/25 21:27	1
1,1,2-Trichloro-1,2,2-trifluoroethane	0.00099	U	0.00099	0.00030	mg/Kg	☼	10/10/25 11:00	10/10/25 21:27	1
1,1,2-Trichloroethane	0.00099	U	0.00099	0.00059	mg/Kg	☼	10/10/25 11:00	10/10/25 21:27	1
1,1-Dichloroethane	0.00099	U	0.00099	0.00059	mg/Kg	☼	10/10/25 11:00	10/10/25 21:27	1
1,1-Dichloroethene	0.00099	U	0.00099	0.00022	mg/Kg	☼	10/10/25 11:00	10/10/25 21:27	1
1,2,3-Trichlorobenzene	0.00099	U	0.00099	0.00073	mg/Kg	☼	10/10/25 11:00	10/10/25 21:27	1
1,2,4-Trichlorobenzene	0.00099	U	0.00099	0.00035	mg/Kg	☼	10/10/25 11:00	10/10/25 21:27	1
1,2,4-Trimethylbenzene	0.00099	U	0.00099	0.00024	mg/Kg	☼	10/10/25 11:00	10/10/25 21:27	1
1,2-Dibromo-3-Chloropropane	0.00099	U	0.00099	0.00045	mg/Kg	☼	10/10/25 11:00	10/10/25 21:27	1
1,2-Dichlorobenzene	0.00099	U	0.00099	0.00036	mg/Kg	☼	10/10/25 11:00	10/10/25 21:27	1
1,2-Dichloroethane	0.00099	U	0.00099	0.00029	mg/Kg	☼	10/10/25 11:00	10/10/25 21:27	1
1,2-Dichloropropane	0.00099	U	0.00099	0.00042	mg/Kg	☼	10/10/25 11:00	10/10/25 21:27	1
1,3,5-Trimethylbenzene	0.00099	U	0.00099	0.00031	mg/Kg	☼	10/10/25 11:00	10/10/25 21:27	1
1,3-Dichlorobenzene	0.00099	U	0.00099	0.00036	mg/Kg	☼	10/10/25 11:00	10/10/25 21:27	1
1,4-Dichlorobenzene	0.00099	U	0.00099	0.00051	mg/Kg	☼	10/10/25 11:00	10/10/25 21:27	1
2-Butanone (MEK)	0.0049	U	0.0049	0.00036	mg/Kg	☼	10/10/25 11:00	10/10/25 21:27	1
2-Hexanone	0.0049	U	0.0049	0.0017	mg/Kg	☼	10/10/25 11:00	10/10/25 21:27	1
4-Methyl-2-pentanone (MIBK)	0.0049	U	0.0049	0.0015	mg/Kg	☼	10/10/25 11:00	10/10/25 21:27	1
Acetone	0.0059	U	0.0059	0.0056	mg/Kg	☼	10/10/25 11:00	10/10/25 21:27	1
Benzene	0.00099	U	0.00099	0.00056	mg/Kg	☼	10/10/25 11:00	10/10/25 21:27	1
Bromoform	0.00099	U	0.00099	0.00042	mg/Kg	☼	10/10/25 11:00	10/10/25 21:27	1
Bromomethane	0.0020	U	0.0020	0.00099	mg/Kg	☼	10/10/25 11:00	10/10/25 21:27	1
Carbon disulfide	0.00099	U	0.00099	0.00026	mg/Kg	☼	10/10/25 11:00	10/10/25 21:27	1
Carbon tetrachloride	0.00099	U	0.00099	0.00038	mg/Kg	☼	10/10/25 11:00	10/10/25 21:27	1
Chlorobenzene	0.00099	U	0.00099	0.00050	mg/Kg	☼	10/10/25 11:00	10/10/25 21:27	1
Chlorobromomethane	0.00099	U	0.00099	0.00059	mg/Kg	☼	10/10/25 11:00	10/10/25 21:27	1
Chlorodibromomethane	0.00099	U	0.00099	0.00053	mg/Kg	☼	10/10/25 11:00	10/10/25 21:27	1
Chloroethane	0.00099	U	0.00099	0.00051	mg/Kg	☼	10/10/25 11:00	10/10/25 21:27	1
Chloroform	0.00099	U	0.00099	0.00096	mg/Kg	☼	10/10/25 11:00	10/10/25 21:27	1
Chloromethane	0.00099	U	0.00099	0.00043	mg/Kg	☼	10/10/25 11:00	10/10/25 21:27	1
cis-1,2-Dichloroethene	0.00099	U	0.00099	0.00035	mg/Kg	☼	10/10/25 11:00	10/10/25 21:27	1
cis-1,3-Dichloropropene	0.00099	U	0.00099	0.00027	mg/Kg	☼	10/10/25 11:00	10/10/25 21:27	1
Cyclohexane	0.00099	U	0.00099	0.00022	mg/Kg	☼	10/10/25 11:00	10/10/25 21:27	1
Dichlorobromomethane	0.00099	U	0.00099	0.00025	mg/Kg	☼	10/10/25 11:00	10/10/25 21:27	1

Client Sample ID: 45C1_1-2

Lab Sample ID: 460-336648-79

Date Collected: 10/07/25 13:50
Matrix: Solid
Date Received: 10/07/25 17:15
Percent Solids: 97.1

Method: SW846 8260D - Volatile Organic Compounds by GC/MS (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Dichlorodifluoromethane	0.00099	U	0.00099	0.00033	mg/Kg	☼	10/10/25 11:00	10/10/25 21:27	1
Ethylbenzene	0.00099	U	0.00099	0.00046	mg/Kg	☼	10/10/25 11:00	10/10/25 21:27	1
Ethylene Dibromide	0.00099	U	0.00099	0.00050	mg/Kg	☼	10/10/25 11:00	10/10/25 21:27	1
Isopropylbenzene	0.00099	U	0.00099	0.00028	mg/Kg	☼	10/10/25 11:00	10/10/25 21:27	1
Methyl acetate	0.0049	U	0.0049	0.0042	mg/Kg	☼	10/10/25 11:00	10/10/25 21:27	1
Methyl tert-butyl ether	0.00099	U	0.00099	0.00050	mg/Kg	☼	10/10/25 11:00	10/10/25 21:27	1
Methylcyclohexane	0.00099	U	0.00099	0.00049	mg/Kg	☼	10/10/25 11:00	10/10/25 21:27	1
Methylene Chloride	0.0020	U	0.0020	0.0011	mg/Kg	☼	10/10/25 11:00	10/10/25 21:27	1
m-Xylene & p-Xylene	0.00099	U	0.00099	0.00042	mg/Kg	☼	10/10/25 11:00	10/10/25 21:27	1
n-Butylbenzene	0.00099	U	0.00099	0.00029	mg/Kg	☼	10/10/25 11:00	10/10/25 21:27	1
N-Propylbenzene	0.00099	U	0.00099	0.00044	mg/Kg	☼	10/10/25 11:00	10/10/25 21:27	1
o-Xylene	0.00099	U	0.00099	0.00045	mg/Kg	☼	10/10/25 11:00	10/10/25 21:27	1
sec-Butylbenzene	0.00099	U	0.00099	0.00028	mg/Kg	☼	10/10/25 11:00	10/10/25 21:27	1
Styrene	0.00099	U	0.00099	0.00027	mg/Kg	☼	10/10/25 11:00	10/10/25 21:27	1
tert-Butylbenzene	0.00099	U	0.00099	0.00027	mg/Kg	☼	10/10/25 11:00	10/10/25 21:27	1
Tetrachloroethene	0.00099	U	0.00099	0.00030	mg/Kg	☼	10/10/25 11:00	10/10/25 21:27	1
Toluene	0.00099	U	0.00099	0.00023	mg/Kg	☼	10/10/25 11:00	10/10/25 21:27	1
trans-1,2-Dichloroethene	0.00099	U	0.00099	0.00024	mg/Kg	☼	10/10/25 11:00	10/10/25 21:27	1
trans-1,3-Dichloropropene	0.00099	U	0.00099	0.00026	mg/Kg	☼	10/10/25 11:00	10/10/25 21:27	1
Trichloroethene	0.00099	U	0.00099	0.00032	mg/Kg	☼	10/10/25 11:00	10/10/25 21:27	1
Trichlorofluoromethane	0.00099	U	0.00099	0.00040	mg/Kg	☼	10/10/25 11:00	10/10/25 21:27	1
Vinyl chloride	0.00099	U	0.00099	0.00054	mg/Kg	☼	10/10/25 11:00	10/10/25 21:27	1
Xylenes, Total	0.0020	U	0.0020	0.00017	mg/Kg	☼	10/10/25 11:00	10/10/25 21:27	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,2-Dichloroethane-d4 (Surr)	*89*		*65 - 138*	*10/10/25 11:00*	*10/10/25 21:27*	*1*
4-Bromofluorobenzene	*95*		*71 - 128*	*10/10/25 11:00*	*10/10/25 21:27*	*1*
Dibromofluoromethane (Surr)	*95*		*50 - 150*	*10/10/25 11:00*	*10/10/25 21:27*	*1*
Toluene-d8 (Surr)	*102*		*71 - 126*	*10/10/25 11:00*	*10/10/25 21:27*	*1*

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Percent Moisture (EPA Moisture)	**2.9**		1.0	1.0	%			10/12/25 15:03	1
Percent Solids (EPA Moisture)	**97.1**		1.0	1.0	%			10/12/25 15:03	1

Client Sample ID: 45C2_3-4

Lab Sample ID: 460-336648-80

Date Collected: 10/07/25 13:55
Matrix: Solid
Date Received: 10/07/25 17:15
Percent Solids: 96.4

Method: SW846 8260D - Volatile Organic Compounds by GC/MS

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1-Trichloroethane	0.00076	U	0.00076	0.00018	mg/Kg	☼	10/10/25 11:00	10/10/25 21:51	1
1,1,2,2-Tetrachloroethane	0.00076	U	0.00076	0.00040	mg/Kg	☼	10/10/25 11:00	10/10/25 21:51	1
1,1,2-Trichloro-1,2,2-trifluoroethane	0.00076	U	0.00076	0.00023	mg/Kg	☼	10/10/25 11:00	10/10/25 21:51	1
1,1,2-Trichloroethane	0.00076	U	0.00076	0.00046	mg/Kg	☼	10/10/25 11:00	10/10/25 21:51	1
1,1-Dichloroethane	0.00076	U	0.00076	0.00045	mg/Kg	☼	10/10/25 11:00	10/10/25 21:51	1
1,1-Dichloroethene	0.00076	U	0.00076	0.00017	mg/Kg	☼	10/10/25 11:00	10/10/25 21:51	1
1,2,3-Trichlorobenzene	0.00076	U	0.00076	0.00056	mg/Kg	☼	10/10/25 11:00	10/10/25 21:51	1
1,2,4-Trichlorobenzene	0.00076	U	0.00076	0.00027	mg/Kg	☼	10/10/25 11:00	10/10/25 21:51	1
1,2,4-Trimethylbenzene	0.00076	U	0.00076	0.00019	mg/Kg	☼	10/10/25 11:00	10/10/25 21:51	1

Client: Haley & Aldrich, Inc.
Project/Site: Former Port Mobil

Job ID: 460-336648-1

Client Sample ID: 45C2_3-4
Date Collected: 10/07/25 13:55
Date Received: 10/07/25 17:15

Lab Sample ID: 460-336648-80
Matrix: Solid
Percent Solids: 96.4

Method: SW846 8260D - Volatile Organic Compounds by GC/MS (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,2-Dibromo-3-Chloropropane	0.00076	U	0.00076	0.00035	mg/Kg	☼	10/10/25 11:00	10/10/25 21:51	1
1,2-Dichlorobenzene	0.00076	U	0.00076	0.00028	mg/Kg	☼	10/10/25 11:00	10/10/25 21:51	1
1,2-Dichloroethane	0.00076	U	0.00076	0.00023	mg/Kg	☼	10/10/25 11:00	10/10/25 21:51	1
1,2-Dichloropropane	0.00076	U	0.00076	0.00032	mg/Kg	☼	10/10/25 11:00	10/10/25 21:51	1
1,3,5-Trimethylbenzene	0.00076	U	0.00076	0.00024	mg/Kg	☼	10/10/25 11:00	10/10/25 21:51	1
1,3-Dichlorobenzene	0.00076	U	0.00076	0.00028	mg/Kg	☼	10/10/25 11:00	10/10/25 21:51	1
1,4-Dichlorobenzene	0.00076	U	0.00076	0.00040	mg/Kg	☼	10/10/25 11:00	10/10/25 21:51	1
2-Butanone (MEK)	0.0038	U	0.0038	0.00028	mg/Kg	☼	10/10/25 11:00	10/10/25 21:51	1
2-Hexanone	0.0038	U	0.0038	0.0013	mg/Kg	☼	10/10/25 11:00	10/10/25 21:51	1
4-Methyl-2-pentanone (MIBK)	0.0038	U	0.0038	0.0012	mg/Kg	☼	10/10/25 11:00	10/10/25 21:51	1
Acetone	0.0046	U	0.0046	0.0044	mg/Kg	☼	10/10/25 11:00	10/10/25 21:51	1
Benzene	0.00076	U	0.00076	0.00043	mg/Kg	☼	10/10/25 11:00	10/10/25 21:51	1
Bromoform	0.00076	U	0.00076	0.00032	mg/Kg	☼	10/10/25 11:00	10/10/25 21:51	1
Bromomethane	0.0015	U	0.0015	0.00076	mg/Kg	☼	10/10/25 11:00	10/10/25 21:51	1
Carbon disulfide	0.00076	U	0.00076	0.00020	mg/Kg	☼	10/10/25 11:00	10/10/25 21:51	1
Carbon tetrachloride	0.00076	U	0.00076	0.00029	mg/Kg	☼	10/10/25 11:00	10/10/25 21:51	1
Chlorobenzene	0.00076	U	0.00076	0.00039	mg/Kg	☼	10/10/25 11:00	10/10/25 21:51	1
Chlorobromomethane	0.00076	U	0.00076	0.00045	mg/Kg	☼	10/10/25 11:00	10/10/25 21:51	1
Chlorodibromomethane	0.00076	U	0.00076	0.00041	mg/Kg	☼	10/10/25 11:00	10/10/25 21:51	1
Chloroethane	0.00076	U	0.00076	0.00040	mg/Kg	☼	10/10/25 11:00	10/10/25 21:51	1
Chloroform	0.00076	U	0.00076	0.00074	mg/Kg	☼	10/10/25 11:00	10/10/25 21:51	1
Chloromethane	0.00076	U	0.00076	0.00033	mg/Kg	☼	10/10/25 11:00	10/10/25 21:51	1
cis-1,2-Dichloroethene	0.00076	U	0.00076	0.00027	mg/Kg	☼	10/10/25 11:00	10/10/25 21:51	1
cis-1,3-Dichloropropene	0.00076	U	0.00076	0.00021	mg/Kg	☼	10/10/25 11:00	10/10/25 21:51	1
Cyclohexane	0.00076	U	0.00076	0.00017	mg/Kg	☼	10/10/25 11:00	10/10/25 21:51	1
Dichlorobromomethane	0.00076	U	0.00076	0.00020	mg/Kg	☼	10/10/25 11:00	10/10/25 21:51	1
Dichlorodifluoromethane	0.00076	U	0.00076	0.00026	mg/Kg	☼	10/10/25 11:00	10/10/25 21:51	1
Ethylbenzene	0.00076	U	0.00076	0.00036	mg/Kg	☼	10/10/25 11:00	10/10/25 21:51	1
Ethylene Dibromide	0.00076	U	0.00076	0.00038	mg/Kg	☼	10/10/25 11:00	10/10/25 21:51	1
Isopropylbenzene	0.00076	U	0.00076	0.00022	mg/Kg	☼	10/10/25 11:00	10/10/25 21:51	1
Methyl acetate	0.0038	U	0.0038	0.0033	mg/Kg	☼	10/10/25 11:00	10/10/25 21:51	1
Methyl tert-butyl ether	0.00076	U	0.00076	0.00039	mg/Kg	☼	10/10/25 11:00	10/10/25 21:51	1
Methylcyclohexane	0.00076	U	0.00076	0.00038	mg/Kg	☼	10/10/25 11:00	10/10/25 21:51	1
Methylene Chloride	0.0015	U	0.0015	0.00087	mg/Kg	☼	10/10/25 11:00	10/10/25 21:51	1
m-Xylene & p-Xylene	0.00076	U	0.00076	0.00032	mg/Kg	☼	10/10/25 11:00	10/10/25 21:51	1
n-Butylbenzene	0.00076	U	0.00076	0.00022	mg/Kg	☼	10/10/25 11:00	10/10/25 21:51	1
N-Propylbenzene	0.00076	U	0.00076	0.00034	mg/Kg	☼	10/10/25 11:00	10/10/25 21:51	1
o-Xylene	0.00076	U	0.00076	0.00035	mg/Kg	☼	10/10/25 11:00	10/10/25 21:51	1
sec-Butylbenzene	0.00076	U	0.00076	0.00022	mg/Kg	☼	10/10/25 11:00	10/10/25 21:51	1
Styrene	0.00076	U	0.00076	0.00021	mg/Kg	☼	10/10/25 11:00	10/10/25 21:51	1
tert-Butylbenzene	0.00076	U	0.00076	0.00021	mg/Kg	☼	10/10/25 11:00	10/10/25 21:51	1
Tetrachloroethene	0.00076	U	0.00076	0.00023	mg/Kg	☼	10/10/25 11:00	10/10/25 21:51	1
Toluene	0.00076	U	0.00076	0.00018	mg/Kg	☼	10/10/25 11:00	10/10/25 21:51	1
trans-1,2-Dichloroethene	0.00076	U	0.00076	0.00019	mg/Kg	☼	10/10/25 11:00	10/10/25 21:51	1
trans-1,3-Dichloropropene	0.00076	U	0.00076	0.00020	mg/Kg	☼	10/10/25 11:00	10/10/25 21:51	1
Trichloroethene	0.00076	U	0.00076	0.00024	mg/Kg	☼	10/10/25 11:00	10/10/25 21:51	1
Trichlorofluoromethane	0.00076	U	0.00076	0.00031	mg/Kg	☼	10/10/25 11:00	10/10/25 21:51	1
Vinyl chloride	0.00076	U	0.00076	0.00042	mg/Kg	☼	10/10/25 11:00	10/10/25 21:51	1
Xylenes, Total	0.0015	U	0.0015	0.00013	mg/Kg	☼	10/10/25 11:00	10/10/25 21:51	1

Client Sample ID: 45C2_3-4

Lab Sample ID: 460-336648-80

Date Collected: 10/07/25 13:55
Matrix: Solid
Date Received: 10/07/25 17:15
Percent Solids: 96.4

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,2-Dichloroethane-d4 (Surr)	*90*		*65 - 138*	*10/10/25 11:00*	*10/10/25 21:51*	*1*
4-Bromofluorobenzene	*93*		*71 - 128*	*10/10/25 11:00*	*10/10/25 21:51*	*1*
Dibromofluoromethane (Surr)	*94*		*50 - 150*	*10/10/25 11:00*	*10/10/25 21:51*	*1*
Toluene-d8 (Surr)	*100*		*71 - 126*	*10/10/25 11:00*	*10/10/25 21:51*	*1*

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Percent Moisture (EPA Moisture)	**3.5**		1.0	1.0	%			10/12/25 15:03	1
Percent Solids (EPA Moisture)	**96.5**		1.0	1.0	%			10/12/25 15:03	1

Client Sample ID: 45C3_4-5

Lab Sample ID: 460-336648-81

Date Collected: 10/07/25 14:00
Matrix: Solid
Date Received: 10/07/25 17:15
Percent Solids: 96.6

Method: SW846 8260D - Volatile Organic Compounds by GC/MS

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1-Trichloroethane	0.00090	U	0.00090	0.00021	mg/Kg	☼	10/10/25 11:00	10/10/25 22:15	1
1,1,2,2-Tetrachloroethane	0.00090	U	0.00090	0.00047	mg/Kg	☼	10/10/25 11:00	10/10/25 22:15	1
1,1,2-Trichloro-1,2,2-trifluoroethane	0.00090	U	0.00090	0.00027	mg/Kg	☼	10/10/25 11:00	10/10/25 22:15	1
1,1,2-Trichloroethane	0.00090	U	0.00090	0.00054	mg/Kg	☼	10/10/25 11:00	10/10/25 22:15	1
1,1-Dichloroethane	0.00090	U	0.00090	0.00054	mg/Kg	☼	10/10/25 11:00	10/10/25 22:15	1
1,1-Dichloroethene	0.00090	U	0.00090	0.00020	mg/Kg	☼	10/10/25 11:00	10/10/25 22:15	1
1,2,3-Trichlorobenzene	0.00090	U	0.00090	0.00066	mg/Kg	☼	10/10/25 11:00	10/10/25 22:15	1
1,2,4-Trichlorobenzene	0.00090	U	0.00090	0.00032	mg/Kg	☼	10/10/25 11:00	10/10/25 22:15	1
1,2,4-Trimethylbenzene	0.00090	U	0.00090	0.00022	mg/Kg	☼	10/10/25 11:00	10/10/25 22:15	1
1,2-Dibromo-3-Chloropropane	0.00090	U	0.00090	0.00041	mg/Kg	☼	10/10/25 11:00	10/10/25 22:15	1
1,2-Dichlorobenzene	0.00090	U	0.00090	0.00032	mg/Kg	☼	10/10/25 11:00	10/10/25 22:15	1
1,2-Dichloroethane	0.00090	U	0.00090	0.00027	mg/Kg	☼	10/10/25 11:00	10/10/25 22:15	1
1,2-Dichloropropane	0.00090	U	0.00090	0.00038	mg/Kg	☼	10/10/25 11:00	10/10/25 22:15	1
1,3,5-Trimethylbenzene	0.00090	U	0.00090	0.00028	mg/Kg	☼	10/10/25 11:00	10/10/25 22:15	1
1,3-Dichlorobenzene	0.00090	U	0.00090	0.00033	mg/Kg	☼	10/10/25 11:00	10/10/25 22:15	1
1,4-Dichlorobenzene	0.00090	U	0.00090	0.00047	mg/Kg	☼	10/10/25 11:00	10/10/25 22:15	1
2-Butanone (MEK)	0.0045	U	0.0045	0.00033	mg/Kg	☼	10/10/25 11:00	10/10/25 22:15	1
2-Hexanone	0.0045	U	0.0045	0.0015	mg/Kg	☼	10/10/25 11:00	10/10/25 22:15	1
4-Methyl-2-pentanone (MIBK)	0.0045	U	0.0045	0.0014	mg/Kg	☼	10/10/25 11:00	10/10/25 22:15	1
Acetone	0.0054	U	0.0054	0.0051	mg/Kg	☼	10/10/25 11:00	10/10/25 22:15	1
Benzene	0.00090	U	0.00090	0.00051	mg/Kg	☼	10/10/25 11:00	10/10/25 22:15	1
Bromoform	0.00090	U	0.00090	0.00038	mg/Kg	☼	10/10/25 11:00	10/10/25 22:15	1
Bromomethane	0.0018	U	0.0018	0.00090	mg/Kg	☼	10/10/25 11:00	10/10/25 22:15	1
Carbon disulfide	0.00090	U	0.00090	0.00024	mg/Kg	☼	10/10/25 11:00	10/10/25 22:15	1
Carbon tetrachloride	0.00090	U	0.00090	0.00035	mg/Kg	☼	10/10/25 11:00	10/10/25 22:15	1
Chlorobenzene	0.00090	U	0.00090	0.00045	mg/Kg	☼	10/10/25 11:00	10/10/25 22:15	1
Chlorobromomethane	0.00090	U	0.00090	0.00053	mg/Kg	☼	10/10/25 11:00	10/10/25 22:15	1
Chlorodibromomethane	0.00090	U	0.00090	0.00048	mg/Kg	☼	10/10/25 11:00	10/10/25 22:15	1
Chloroethane	0.00090	U	0.00090	0.00047	mg/Kg	☼	10/10/25 11:00	10/10/25 22:15	1
Chloroform	0.00090	U	0.00090	0.00087	mg/Kg	☼	10/10/25 11:00	10/10/25 22:15	1
Chloromethane	0.00090	U	0.00090	0.00039	mg/Kg	☼	10/10/25 11:00	10/10/25 22:15	1
cis-1,2-Dichloroethene	0.00090	U	0.00090	0.00032	mg/Kg	☼	10/10/25 11:00	10/10/25 22:15	1
cis-1,3-Dichloropropene	0.00090	U	0.00090	0.00024	mg/Kg	☼	10/10/25 11:00	10/10/25 22:15	1
Cyclohexane	0.00090	U	0.00090	0.00020	mg/Kg	☼	10/10/25 11:00	10/10/25 22:15	1
Dichlorobromomethane	0.00090	U	0.00090	0.00023	mg/Kg	☼	10/10/25 11:00	10/10/25 22:15	1

Client Sample ID: 45C3_4-5

Lab Sample ID: 460-336648-81

Date Collected: 10/07/25 14:00
Matrix: Solid
Date Received: 10/07/25 17:15
Percent Solids: 96.6

Method: SW846 8260D - Volatile Organic Compounds by GC/MS (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Dichlorodifluoromethane	0.00090	U	0.00090	0.00030	mg/Kg	☼	10/10/25 11:00	10/10/25 22:15	1
Ethylbenzene	0.00090	U	0.00090	0.00042	mg/Kg	☼	10/10/25 11:00	10/10/25 22:15	1
Ethylene Dibromide	0.00090	U	0.00090	0.00045	mg/Kg	☼	10/10/25 11:00	10/10/25 22:15	1
Isopropylbenzene	0.00090	U	0.00090	0.00026	mg/Kg	☼	10/10/25 11:00	10/10/25 22:15	1
Methyl acetate	0.0045	U	0.0045	0.0039	mg/Kg	☼	10/10/25 11:00	10/10/25 22:15	1
Methyl tert-butyl ether	0.00090	U	0.00090	0.00046	mg/Kg	☼	10/10/25 11:00	10/10/25 22:15	1
Methylcyclohexane	0.00090	U	0.00090	0.00045	mg/Kg	☼	10/10/25 11:00	10/10/25 22:15	1
Methylene Chloride	0.0018	U	0.0018	0.0010	mg/Kg	☼	10/10/25 11:00	10/10/25 22:15	1
m-Xylene & p-Xylene	0.00090	U	0.00090	0.00038	mg/Kg	☼	10/10/25 11:00	10/10/25 22:15	1
n-Butylbenzene	0.00090	U	0.00090	0.00026	mg/Kg	☼	10/10/25 11:00	10/10/25 22:15	1
N-Propylbenzene	0.00090	U	0.00090	0.00040	mg/Kg	☼	10/10/25 11:00	10/10/25 22:15	1
o-Xylene	0.00090	U	0.00090	0.00041	mg/Kg	☼	10/10/25 11:00	10/10/25 22:15	1
sec-Butylbenzene	0.00090	U	0.00090	0.00026	mg/Kg	☼	10/10/25 11:00	10/10/25 22:15	1
Styrene	0.00090	U	0.00090	0.00025	mg/Kg	☼	10/10/25 11:00	10/10/25 22:15	1
tert-Butylbenzene	0.00090	U	0.00090	0.00025	mg/Kg	☼	10/10/25 11:00	10/10/25 22:15	1
Tetrachloroethene	0.00090	U	0.00090	0.00027	mg/Kg	☼	10/10/25 11:00	10/10/25 22:15	1
Toluene	0.00090	U	0.00090	0.00021	mg/Kg	☼	10/10/25 11:00	10/10/25 22:15	1
trans-1,2-Dichloroethene	0.00090	U	0.00090	0.00022	mg/Kg	☼	10/10/25 11:00	10/10/25 22:15	1
trans-1,3-Dichloropropene	0.00090	U	0.00090	0.00024	mg/Kg	☼	10/10/25 11:00	10/10/25 22:15	1
Trichloroethene	0.00090	U	0.00090	0.00029	mg/Kg	☼	10/10/25 11:00	10/10/25 22:15	1
Trichlorofluoromethane	0.00090	U	0.00090	0.00036	mg/Kg	☼	10/10/25 11:00	10/10/25 22:15	1
Vinyl chloride	0.00090	U	0.00090	0.00049	mg/Kg	☼	10/10/25 11:00	10/10/25 22:15	1
Xylenes, Total	0.0018	U	0.0018	0.00016	mg/Kg	☼	10/10/25 11:00	10/10/25 22:15	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,2-Dichloroethane-d4 (Surr)	*89*		*65 - 138*	*10/10/25 11:00*	*10/10/25 22:15*	*1*
4-Bromofluorobenzene	*99*		*71 - 128*	*10/10/25 11:00*	*10/10/25 22:15*	*1*
Dibromofluoromethane (Surr)	*95*		*50 - 150*	*10/10/25 11:00*	*10/10/25 22:15*	*1*
Toluene-d8 (Surr)	*103*		*71 - 126*	*10/10/25 11:00*	*10/10/25 22:15*	*1*

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Percent Moisture (EPA Moisture)	**3.4**		1.0	1.0	%			10/12/25 15:03	1
Percent Solids (EPA Moisture)	**96.6**		1.0	1.0	%			10/12/25 15:03	1

Client Sample ID: 45C1_5-6

Lab Sample ID: 460-336648-82

Date Collected: 10/07/25 14:05
Matrix: Solid
Date Received: 10/07/25 17:15
Percent Solids: 96.9

Method: SW846 8260D - Volatile Organic Compounds by GC/MS

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1-Trichloroethane	0.0010	U	0.0010	0.00024	mg/Kg	☼	10/10/25 11:01	10/10/25 22:39	1
1,1,2,2-Tetrachloroethane	0.0010	U	0.0010	0.00053	mg/Kg	☼	10/10/25 11:01	10/10/25 22:39	1
1,1,2-Trichloro-1,2,2-trifluoroethane	0.0010	U	0.0010	0.00031	mg/Kg	☼	10/10/25 11:01	10/10/25 22:39	1
1,1,2-Trichloroethane	0.0010	U	0.0010	0.00061	mg/Kg	☼	10/10/25 11:01	10/10/25 22:39	1
1,1-Dichloroethane	0.0010	U	0.0010	0.00061	mg/Kg	☼	10/10/25 11:01	10/10/25 22:39	1
1,1-Dichloroethene	0.0010	U	0.0010	0.00023	mg/Kg	☼	10/10/25 11:01	10/10/25 22:39	1
1,2,3-Trichlorobenzene	0.0010	U	0.0010	0.00075	mg/Kg	☼	10/10/25 11:01	10/10/25 22:39	1
1,2,4-Trichlorobenzene	0.0010	U	0.0010	0.00036	mg/Kg	☼	10/10/25 11:01	10/10/25 22:39	1
1,2,4-Trimethylbenzene	0.0010	U	0.0010	0.00025	mg/Kg	☼	10/10/25 11:01	10/10/25 22:39	1

Client: Haley & Aldrich, Inc.
Project/Site: Former Port Mobil

Job ID: 460-336648-1

Client Sample ID: 45C1_5-6
Date Collected: 10/07/25 14:05
Date Received: 10/07/25 17:15

Lab Sample ID: 460-336648-82
Matrix: Solid
Percent Solids: 96.9

Method: SW846 8260D - Volatile Organic Compounds by GC/MS (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,2-Dibromo-3-Chloropropane	0.0010	U	0.0010	0.00047	mg/Kg	☼	10/10/25 11:01	10/10/25 22:39	1
1,2-Dichlorobenzene	0.0010	U	0.0010	0.00037	mg/Kg	☼	10/10/25 11:01	10/10/25 22:39	1
1,2-Dichloroethane	0.0010	U	0.0010	0.00030	mg/Kg	☼	10/10/25 11:01	10/10/25 22:39	1
1,2-Dichloropropane	0.0010	U	0.0010	0.00043	mg/Kg	☼	10/10/25 11:01	10/10/25 22:39	1
1,3,5-Trimethylbenzene	0.0010	U	0.0010	0.00032	mg/Kg	☼	10/10/25 11:01	10/10/25 22:39	1
1,3-Dichlorobenzene	0.0010	U	0.0010	0.00037	mg/Kg	☼	10/10/25 11:01	10/10/25 22:39	1
1,4-Dichlorobenzene	0.0010	U	0.0010	0.00053	mg/Kg	☼	10/10/25 11:01	10/10/25 22:39	1
2-Butanone (MEK)	0.0051	U	0.0051	0.00037	mg/Kg	☼	10/10/25 11:01	10/10/25 22:39	1
2-Hexanone	0.0051	U	0.0051	0.0017	mg/Kg	☼	10/10/25 11:01	10/10/25 22:39	1
4-Methyl-2-pentanone (MIBK)	0.0051	U	0.0051	0.0016	mg/Kg	☼	10/10/25 11:01	10/10/25 22:39	1
Acetone	0.0061	U	0.0061	0.0058	mg/Kg	☼	10/10/25 11:01	10/10/25 22:39	1
Benzene	0.0010	U	0.0010	0.00057	mg/Kg	☼	10/10/25 11:01	10/10/25 22:39	1
Bromoform	0.0010	U	0.0010	0.00043	mg/Kg	☼	10/10/25 11:01	10/10/25 22:39	1
Bromomethane	0.0020	U	0.0020	0.0010	mg/Kg	☼	10/10/25 11:01	10/10/25 22:39	1
Carbon disulfide	0.0010	U	0.0010	0.00027	mg/Kg	☼	10/10/25 11:01	10/10/25 22:39	1
Carbon tetrachloride	0.0010	U	0.0010	0.00039	mg/Kg	☼	10/10/25 11:01	10/10/25 22:39	1
Chlorobenzene	0.0010	U	0.0010	0.00051	mg/Kg	☼	10/10/25 11:01	10/10/25 22:39	1
Chlorobromomethane	0.0010	U	0.0010	0.00060	mg/Kg	☼	10/10/25 11:01	10/10/25 22:39	1
Chlorodibromomethane	0.0010	U	0.0010	0.00054	mg/Kg	☼	10/10/25 11:01	10/10/25 22:39	1
Chloroethane	0.0010	U	0.0010	0.00053	mg/Kg	☼	10/10/25 11:01	10/10/25 22:39	1
Chloroform	0.0010	U	0.0010	0.00098	mg/Kg	☼	10/10/25 11:01	10/10/25 22:39	1
Chloromethane	0.0010	U	0.0010	0.00044	mg/Kg	☼	10/10/25 11:01	10/10/25 22:39	1
cis-1,2-Dichloroethene	0.0010	U	0.0010	0.00036	mg/Kg	☼	10/10/25 11:01	10/10/25 22:39	1
cis-1,3-Dichloropropene	0.0010	U	0.0010	0.00028	mg/Kg	☼	10/10/25 11:01	10/10/25 22:39	1
Cyclohexane	0.0010	U	0.0010	0.00022	mg/Kg	☼	10/10/25 11:01	10/10/25 22:39	1
Dichlorobromomethane	0.0010	U	0.0010	0.00026	mg/Kg	☼	10/10/25 11:01	10/10/25 22:39	1
Dichlorodifluoromethane	0.0010	U	0.0010	0.00034	mg/Kg	☼	10/10/25 11:01	10/10/25 22:39	1
Ethylbenzene	0.0010	U	0.0010	0.00047	mg/Kg	☼	10/10/25 11:01	10/10/25 22:39	1
Ethylene Dibromide	0.0010	U	0.0010	0.00051	mg/Kg	☼	10/10/25 11:01	10/10/25 22:39	1
Isopropylbenzene	0.0010	U	0.0010	0.00029	mg/Kg	☼	10/10/25 11:01	10/10/25 22:39	1
Methyl acetate	0.0051	U	0.0051	0.0044	mg/Kg	☼	10/10/25 11:01	10/10/25 22:39	1
Methyl tert-butyl ether	0.0010	U	0.0010	0.00052	mg/Kg	☼	10/10/25 11:01	10/10/25 22:39	1
Methylcyclohexane	0.0010	U	0.0010	0.00051	mg/Kg	☼	10/10/25 11:01	10/10/25 22:39	1
Methylene Chloride	**0.0043**		0.0020	0.0012	mg/Kg	☼	10/10/25 11:01	10/10/25 22:39	1
m-Xylene & p-Xylene	0.0010	U	0.0010	0.00043	mg/Kg	☼	10/10/25 11:01	10/10/25 22:39	1
n-Butylbenzene	0.0010	U	0.0010	0.00030	mg/Kg	☼	10/10/25 11:01	10/10/25 22:39	1
N-Propylbenzene	0.0010	U	0.0010	0.00046	mg/Kg	☼	10/10/25 11:01	10/10/25 22:39	1
o-Xylene	0.0010	U	0.0010	0.00047	mg/Kg	☼	10/10/25 11:01	10/10/25 22:39	1
sec-Butylbenzene	0.0010	U	0.0010	0.00029	mg/Kg	☼	10/10/25 11:01	10/10/25 22:39	1
Styrene	0.0010	U	0.0010	0.00028	mg/Kg	☼	10/10/25 11:01	10/10/25 22:39	1
tert-Butylbenzene	0.0010	U	0.0010	0.00028	mg/Kg	☼	10/10/25 11:01	10/10/25 22:39	1
Tetrachloroethene	0.0010	U	0.0010	0.00031	mg/Kg	☼	10/10/25 11:01	10/10/25 22:39	1
Toluene	0.0010	U	0.0010	0.00024	mg/Kg	☼	10/10/25 11:01	10/10/25 22:39	1
trans-1,2-Dichloroethene	0.0010	U	0.0010	0.00025	mg/Kg	☼	10/10/25 11:01	10/10/25 22:39	1
trans-1,3-Dichloropropene	0.0010	U	0.0010	0.00027	mg/Kg	☼	10/10/25 11:01	10/10/25 22:39	1
Trichloroethene	0.0010	U	0.0010	0.00033	mg/Kg	☼	10/10/25 11:01	10/10/25 22:39	1
Trichlorofluoromethane	0.0010	U	0.0010	0.00041	mg/Kg	☼	10/10/25 11:01	10/10/25 22:39	1
Vinyl chloride	0.0010	U	0.0010	0.00055	mg/Kg	☼	10/10/25 11:01	10/10/25 22:39	1
Xylenes, Total	0.0020	U	0.0020	0.00018	mg/Kg	☼	10/10/25 11:01	10/10/25 22:39	1

Client Sample ID: 45C1_5-6

Lab Sample ID: 460-336648-82

Date Collected: 10/07/25 14:05
Matrix: Solid
Date Received: 10/07/25 17:15
Percent Solids: 96.9

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
1,2-Dichloroethane-d4 (Surr)	90		65 - 138	10/10/25 11:01	10/10/25 22:39	1
4-Bromofluorobenzene	97		71 - 128	10/10/25 11:01	10/10/25 22:39	1
Dibromofluoromethane (Surr)	96		50 - 150	10/10/25 11:01	10/10/25 22:39	1
Toluene-d8 (Surr)	103		71 - 126	10/10/25 11:01	10/10/25 22:39	1

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Percent Moisture (EPA Moisture)	3.1		1.0	1.0	%			10/12/25 15:03	1
Percent Solids (EPA Moisture)	96.9		1.0	1.0	%			10/12/25 15:03	1

Client Sample ID: 45C2_6-7

Lab Sample ID: 460-336648-83

Date Collected: 10/07/25 14:10
Matrix: Solid
Date Received: 10/07/25 17:15
Percent Solids: 98.5

Method: SW846 8260D - Volatile Organic Compounds by GC/MS

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1-Trichloroethane	0.00091	U	0.00091	0.00021	mg/Kg	☼	10/10/25 11:01	10/10/25 23:03	1
1,1,2,2-Tetrachloroethane	0.00091	U	0.00091	0.00047	mg/Kg	☼	10/10/25 11:01	10/10/25 23:03	1
1,1,2-Trichloro-1,2,2-trifluoroethane	0.00091	U	0.00091	0.00027	mg/Kg	☼	10/10/25 11:01	10/10/25 23:03	1
1,1,2-Trichloroethane	0.00091	U	0.00091	0.00055	mg/Kg	☼	10/10/25 11:01	10/10/25 23:03	1
1,1-Dichloroethane	0.00091	U	0.00091	0.00054	mg/Kg	☼	10/10/25 11:01	10/10/25 23:03	1
1,1-Dichloroethene	0.00091	U	0.00091	0.00020	mg/Kg	☼	10/10/25 11:01	10/10/25 23:03	1
1,2,3-Trichlorobenzene	0.00091	U	0.00091	0.00067	mg/Kg	☼	10/10/25 11:01	10/10/25 23:03	1
1,2,4-Trichlorobenzene	0.00091	U	0.00091	0.00033	mg/Kg	☼	10/10/25 11:01	10/10/25 23:03	1
1,2,4-Trimethylbenzene	0.00091	U	0.00091	0.00022	mg/Kg	☼	10/10/25 11:01	10/10/25 23:03	1
1,2-Dibromo-3-Chloropropane	0.00091	U	0.00091	0.00042	mg/Kg	☼	10/10/25 11:01	10/10/25 23:03	1
1,2-Dichlorobenzene	0.00091	U	0.00091	0.00033	mg/Kg	☼	10/10/25 11:01	10/10/25 23:03	1
1,2-Dichloroethane	0.00091	U	0.00091	0.00027	mg/Kg	☼	10/10/25 11:01	10/10/25 23:03	1
1,2-Dichloropropane	0.00091	U	0.00091	0.00038	mg/Kg	☼	10/10/25 11:01	10/10/25 23:03	1
1,3,5-Trimethylbenzene	0.00091	U	0.00091	0.00029	mg/Kg	☼	10/10/25 11:01	10/10/25 23:03	1
1,3-Dichlorobenzene	0.00091	U	0.00091	0.00033	mg/Kg	☼	10/10/25 11:01	10/10/25 23:03	1
1,4-Dichlorobenzene	0.00091	U	0.00091	0.00047	mg/Kg	☼	10/10/25 11:01	10/10/25 23:03	1
2-Butanone (MEK)	0.0045	U	0.0045	0.00033	mg/Kg	☼	10/10/25 11:01	10/10/25 23:03	1
2-Hexanone	0.0045	U	0.0045	0.0016	mg/Kg	☼	10/10/25 11:01	10/10/25 23:03	1
4-Methyl-2-pentanone (MIBK)	0.0045	U	0.0045	0.0014	mg/Kg	☼	10/10/25 11:01	10/10/25 23:03	1
Acetone	0.0055	U	0.0055	0.0052	mg/Kg	☼	10/10/25 11:01	10/10/25 23:03	1
Benzene	0.00091	U	0.00091	0.00052	mg/Kg	☼	10/10/25 11:01	10/10/25 23:03	1
Bromoform	0.00091	U	0.00091	0.00039	mg/Kg	☼	10/10/25 11:01	10/10/25 23:03	1
Bromomethane	0.0018	U	0.0018	0.00091	mg/Kg	☼	10/10/25 11:01	10/10/25 23:03	1
Carbon disulfide	0.00091	U	0.00091	0.00024	mg/Kg	☼	10/10/25 11:01	10/10/25 23:03	1
Carbon tetrachloride	0.00091	U	0.00091	0.00035	mg/Kg	☼	10/10/25 11:01	10/10/25 23:03	1
Chlorobenzene	0.00091	U	0.00091	0.00046	mg/Kg	☼	10/10/25 11:01	10/10/25 23:03	1
Chlorobromomethane	0.00091	U	0.00091	0.00054	mg/Kg	☼	10/10/25 11:01	10/10/25 23:03	1
Chlorodibromomethane	0.00091	U	0.00091	0.00049	mg/Kg	☼	10/10/25 11:01	10/10/25 23:03	1
Chloroethane	0.00091	U	0.00091	0.00047	mg/Kg	☼	10/10/25 11:01	10/10/25 23:03	1
Chloroform	0.00091	U	0.00091	0.00088	mg/Kg	☼	10/10/25 11:01	10/10/25 23:03	1
Chloromethane	0.00091	U	0.00091	0.00040	mg/Kg	☼	10/10/25 11:01	10/10/25 23:03	1
cis-1,2-Dichloroethene	0.00091	U	0.00091	0.00033	mg/Kg	☼	10/10/25 11:01	10/10/25 23:03	1
cis-1,3-Dichloropropene	0.00091	U	0.00091	0.00025	mg/Kg	☼	10/10/25 11:01	10/10/25 23:03	1
Cyclohexane	0.00091	U	0.00091	0.00020	mg/Kg	☼	10/10/25 11:01	10/10/25 23:03	1
Dichlorobromomethane	0.00091	U	0.00091	0.00023	mg/Kg	☼	10/10/25 11:01	10/10/25 23:03	1

Client Sample ID: 45C2_6-7

Lab Sample ID: 460-336648-83

Date Collected: 10/07/25 14:10
Matrix: Solid
Date Received: 10/07/25 17:15
Percent Solids: 98.5

Method: SW846 8260D - Volatile Organic Compounds by GC/MS (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Dichlorodifluoromethane	0.00091	U	0.00091	0.00031	mg/Kg	☼	10/10/25 11:01	10/10/25 23:03	1
Ethylbenzene	0.00091	U	0.00091	0.00043	mg/Kg	☼	10/10/25 11:01	10/10/25 23:03	1
Ethylene Dibromide	0.00091	U	0.00091	0.00046	mg/Kg	☼	10/10/25 11:01	10/10/25 23:03	1
Isopropylbenzene	0.00091	U	0.00091	0.00026	mg/Kg	☼	10/10/25 11:01	10/10/25 23:03	1
Methyl acetate	0.0045	U	0.0045	0.0039	mg/Kg	☼	10/10/25 11:01	10/10/25 23:03	1
Methyl tert-butyl ether	0.00091	U	0.00091	0.00047	mg/Kg	☼	10/10/25 11:01	10/10/25 23:03	1
Methylcyclohexane	0.00091	U	0.00091	0.00045	mg/Kg	☼	10/10/25 11:01	10/10/25 23:03	1
Methylene Chloride	**0.0040**		0.0018	0.0010	mg/Kg	☼	10/10/25 11:01	10/10/25 23:03	1
m-Xylene & p-Xylene	0.00091	U	0.00091	0.00038	mg/Kg	☼	10/10/25 11:01	10/10/25 23:03	1
n-Butylbenzene	0.00091	U	0.00091	0.00027	mg/Kg	☼	10/10/25 11:01	10/10/25 23:03	1
N-Propylbenzene	0.00091	U	0.00091	0.00041	mg/Kg	☼	10/10/25 11:01	10/10/25 23:03	1
o-Xylene	0.00091	U	0.00091	0.00042	mg/Kg	☼	10/10/25 11:01	10/10/25 23:03	1
sec-Butylbenzene	0.00091	U	0.00091	0.00026	mg/Kg	☼	10/10/25 11:01	10/10/25 23:03	1
Styrene	0.00091	U	0.00091	0.00025	mg/Kg	☼	10/10/25 11:01	10/10/25 23:03	1
tert-Butylbenzene	0.00091	U	0.00091	0.00025	mg/Kg	☼	10/10/25 11:01	10/10/25 23:03	1
Tetrachloroethene	0.00091	U	0.00091	0.00028	mg/Kg	☼	10/10/25 11:01	10/10/25 23:03	1
Toluene	0.00091	U	0.00091	0.00021	mg/Kg	☼	10/10/25 11:01	10/10/25 23:03	1
trans-1,2-Dichloroethene	0.00091	U	0.00091	0.00022	mg/Kg	☼	10/10/25 11:01	10/10/25 23:03	1
trans-1,3-Dichloropropene	0.00091	U	0.00091	0.00024	mg/Kg	☼	10/10/25 11:01	10/10/25 23:03	1
Trichloroethene	0.00091	U	0.00091	0.00029	mg/Kg	☼	10/10/25 11:01	10/10/25 23:03	1
Trichlorofluoromethane	0.00091	U	0.00091	0.00037	mg/Kg	☼	10/10/25 11:01	10/10/25 23:03	1
Vinyl chloride	0.00091	U	0.00091	0.00050	mg/Kg	☼	10/10/25 11:01	10/10/25 23:03	1
Xylenes, Total	0.0018	U	0.0018	0.00016	mg/Kg	☼	10/10/25 11:01	10/10/25 23:03	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,2-Dichloroethane-d4 (Surr)	*88*		*65 - 138*	*10/10/25 11:01*	*10/10/25 23:03*	*1*
4-Bromofluorobenzene	*95*		*71 - 128*	*10/10/25 11:01*	*10/10/25 23:03*	*1*
Dibromofluoromethane (Surr)	*96*		*50 - 150*	*10/10/25 11:01*	*10/10/25 23:03*	*1*
Toluene-d8 (Surr)	*101*		*71 - 126*	*10/10/25 11:01*	*10/10/25 23:03*	*1*

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Percent Moisture (EPA Moisture)	**1.5**		1.0	1.0	%			10/12/25 15:03	1
Percent Solids (EPA Moisture)	**98.5**		1.0	1.0	%			10/12/25 15:03	1

Client Sample ID: 45C3_8-9

Lab Sample ID: 460-336648-84

Date Collected: 10/07/25 14:15
Matrix: Solid
Date Received: 10/07/25 17:15
Percent Solids: 84.5

Method: SW846 8260D - Volatile Organic Compounds by GC/MS

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1-Trichloroethane	0.0011	U	0.0011	0.00026	mg/Kg	☼	10/10/25 11:01	10/10/25 23:28	1
1,1,2,2-Tetrachloroethane	0.0011	U	0.0011	0.00059	mg/Kg	☼	10/10/25 11:01	10/10/25 23:28	1
1,1,2-Trichloro-1,2,2-trifluoroethane	0.0011	U	0.0011	0.00034	mg/Kg	☼	10/10/25 11:01	10/10/25 23:28	1
1,1,2-Trichloroethane	0.0011	U	0.0011	0.00068	mg/Kg	☼	10/10/25 11:01	10/10/25 23:28	1
1,1-Dichloroethane	0.0011	U	0.0011	0.00068	mg/Kg	☼	10/10/25 11:01	10/10/25 23:28	1
1,1-Dichloroethene	0.0011	U	0.0011	0.00026	mg/Kg	☼	10/10/25 11:01	10/10/25 23:28	1
1,2,3-Trichlorobenzene	0.0011	U	0.0011	0.00084	mg/Kg	☼	10/10/25 11:01	10/10/25 23:28	1
1,2,4-Trichlorobenzene	0.0011	U	0.0011	0.00041	mg/Kg	☼	10/10/25 11:01	10/10/25 23:28	1
1,2,4-Trimethylbenzene	0.0011	U	0.0011	0.00028	mg/Kg	☼	10/10/25 11:01	10/10/25 23:28	1

Client: Haley & Aldrich, Inc.
Project/Site: Former Port Mobil

Job ID: 460-336648-1

Client Sample ID: 45C3_8-9
Date Collected: 10/07/25 14:15
Date Received: 10/07/25 17:15

Lab Sample ID: 460-336648-84
Matrix: Solid
Percent Solids: 84.5

Method: SW846 8260D - Volatile Organic Compounds by GC/MS (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,2-Dibromo-3-Chloropropane	0.0011	U	0.0011	0.00052	mg/Kg	☼	10/10/25 11:01	10/10/25 23:28	1
1,2-Dichlorobenzene	0.0011	U	0.0011	0.00041	mg/Kg	☼	10/10/25 11:01	10/10/25 23:28	1
1,2-Dichloroethane	0.0011	U	0.0011	0.00034	mg/Kg	☼	10/10/25 11:01	10/10/25 23:28	1
1,2-Dichloropropane	0.0011	U	0.0011	0.00048	mg/Kg	☼	10/10/25 11:01	10/10/25 23:28	1
1,3,5-Trimethylbenzene	0.0011	U	0.0011	0.00036	mg/Kg	☼	10/10/25 11:01	10/10/25 23:28	1
1,3-Dichlorobenzene	0.0011	U	0.0011	0.00041	mg/Kg	☼	10/10/25 11:01	10/10/25 23:28	1
1,4-Dichlorobenzene	0.0011	U	0.0011	0.00059	mg/Kg	☼	10/10/25 11:01	10/10/25 23:28	1
2-Butanone (MEK)	0.0057	U	0.0057	0.00042	mg/Kg	☼	10/10/25 11:01	10/10/25 23:28	1
2-Hexanone	0.0057	U	0.0057	0.0019	mg/Kg	☼	10/10/25 11:01	10/10/25 23:28	1
4-Methyl-2-pentanone (MIBK)	0.0057	U	0.0057	0.0018	mg/Kg	☼	10/10/25 11:01	10/10/25 23:28	1
Acetone	0.0068	U	0.0068	0.0065	mg/Kg	☼	10/10/25 11:01	10/10/25 23:28	1
Benzene	0.0011	U	0.0011	0.00064	mg/Kg	☼	10/10/25 11:01	10/10/25 23:28	1
Bromoform	0.0011	U	0.0011	0.00048	mg/Kg	☼	10/10/25 11:01	10/10/25 23:28	1
Bromomethane	0.0023	U	0.0023	0.0011	mg/Kg	☼	10/10/25 11:01	10/10/25 23:28	1
Carbon disulfide	0.0011	U	0.0011	0.00030	mg/Kg	☼	10/10/25 11:01	10/10/25 23:28	1
Carbon tetrachloride	0.0011	U	0.0011	0.00044	mg/Kg	☼	10/10/25 11:01	10/10/25 23:28	1
Chlorobenzene	0.0011	U	0.0011	0.00058	mg/Kg	☼	10/10/25 11:01	10/10/25 23:28	1
Chlorobromomethane	0.0011	U	0.0011	0.00068	mg/Kg	☼	10/10/25 11:01	10/10/25 23:28	1
Chlorodibromomethane	0.0011	U	0.0011	0.00061	mg/Kg	☼	10/10/25 11:01	10/10/25 23:28	1
Chloroethane	0.0011	U	0.0011	0.00059	mg/Kg	☼	10/10/25 11:01	10/10/25 23:28	1
Chloroform	0.0011	U	0.0011	0.0011	mg/Kg	☼	10/10/25 11:01	10/10/25 23:28	1
Chloromethane	0.0011	U	0.0011	0.00049	mg/Kg	☼	10/10/25 11:01	10/10/25 23:28	1
cis-1,2-Dichloroethene	0.0011	U	0.0011	0.00041	mg/Kg	☼	10/10/25 11:01	10/10/25 23:28	1
cis-1,3-Dichloropropene	0.0011	U	0.0011	0.00031	mg/Kg	☼	10/10/25 11:01	10/10/25 23:28	1
Cyclohexane	0.0011	U	0.0011	0.00025	mg/Kg	☼	10/10/25 11:01	10/10/25 23:28	1
Dichlorobromomethane	0.0011	U	0.0011	0.00029	mg/Kg	☼	10/10/25 11:01	10/10/25 23:28	1
Dichlorodifluoromethane	0.0011	U	0.0011	0.00038	mg/Kg	☼	10/10/25 11:01	10/10/25 23:28	1
Ethylbenzene	0.0011	U	0.0011	0.00053	mg/Kg	☼	10/10/25 11:01	10/10/25 23:28	1
Ethylene Dibromide	0.0011	U	0.0011	0.00057	mg/Kg	☼	10/10/25 11:01	10/10/25 23:28	1
Isopropylbenzene	0.0011	U	0.0011	0.00032	mg/Kg	☼	10/10/25 11:01	10/10/25 23:28	1
Methyl acetate	0.0057	U	0.0057	0.0049	mg/Kg	☼	10/10/25 11:01	10/10/25 23:28	1
Methyl tert-butyl ether	0.0011	U	0.0011	0.00058	mg/Kg	☼	10/10/25 11:01	10/10/25 23:28	1
Methylcyclohexane	0.0011	U	0.0011	0.00057	mg/Kg	☼	10/10/25 11:01	10/10/25 23:28	1
Methylene Chloride	**0.0066**		0.0023	0.0013	mg/Kg	☼	10/10/25 11:01	10/10/25 23:28	1
m-Xylene & p-Xylene	0.0011	U	0.0011	0.00048	mg/Kg	☼	10/10/25 11:01	10/10/25 23:28	1
n-Butylbenzene	0.0011	U	0.0011	0.00033	mg/Kg	☼	10/10/25 11:01	10/10/25 23:28	1
N-Propylbenzene	0.0011	U	0.0011	0.00051	mg/Kg	☼	10/10/25 11:01	10/10/25 23:28	1
o-Xylene	0.0011	U	0.0011	0.00052	mg/Kg	☼	10/10/25 11:01	10/10/25 23:28	1
sec-Butylbenzene	0.0011	U	0.0011	0.00033	mg/Kg	☼	10/10/25 11:01	10/10/25 23:28	1
Styrene	0.0011	U	0.0011	0.00032	mg/Kg	☼	10/10/25 11:01	10/10/25 23:28	1
tert-Butylbenzene	0.0011	U	0.0011	0.00031	mg/Kg	☼	10/10/25 11:01	10/10/25 23:28	1
Tetrachloroethene	0.0011	U	0.0011	0.00035	mg/Kg	☼	10/10/25 11:01	10/10/25 23:28	1
Toluene	0.0011	U	0.0011	0.00027	mg/Kg	☼	10/10/25 11:01	10/10/25 23:28	1
trans-1,2-Dichloroethene	0.0011	U	0.0011	0.00028	mg/Kg	☼	10/10/25 11:01	10/10/25 23:28	1
trans-1,3-Dichloropropene	0.0011	U	0.0011	0.00030	mg/Kg	☼	10/10/25 11:01	10/10/25 23:28	1
Trichloroethene	0.0011	U	0.0011	0.00036	mg/Kg	☼	10/10/25 11:01	10/10/25 23:28	1
Trichlorofluoromethane	0.0011	U	0.0011	0.00046	mg/Kg	☼	10/10/25 11:01	10/10/25 23:28	1
Vinyl chloride	0.0011	U	0.0011	0.00062	mg/Kg	☼	10/10/25 11:01	10/10/25 23:28	1
Xylenes, Total	0.0023	U	0.0023	0.00020	mg/Kg	☼	10/10/25 11:01	10/10/25 23:28	1

Client Sample ID: 45C3_8-9

Lab Sample ID: 460-336648-84

Date Collected: 10/07/25 14:15
Matrix: Solid
Date Received: 10/07/25 17:15
Percent Solids: 84.5

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,2-Dichloroethane-d4 (Surr)	*89*		*65 - 138*	*10/10/25 11:01*	*10/10/25 23:28*	*1*
4-Bromofluorobenzene	*92*		*71 - 128*	*10/10/25 11:01*	*10/10/25 23:28*	*1*
Dibromofluoromethane (Surr)	*97*		*50 - 150*	*10/10/25 11:01*	*10/10/25 23:28*	*1*
Toluene-d8 (Surr)	*100*		*71 - 126*	*10/10/25 11:01*	*10/10/25 23:28*	*1*

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Percent Moisture (EPA Moisture)	**15.5**		1.0	1.0	%			10/12/25 15:03	1
Percent Solids (EPA Moisture)	**84.5**		1.0	1.0	%			10/12/25 15:03	1

Client Sample ID: 45C2_11-12

Lab Sample ID: 460-336648-85

Date Collected: 10/07/25 14:20
Matrix: Solid
Date Received: 10/07/25 17:15
Percent Solids: 99.0

Method: SW846 8260D - Volatile Organic Compounds by GC/MS

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1-Trichloroethane	0.00099	U	0.00099	0.00023	mg/Kg	☼	10/10/25 11:02	10/11/25 16:51	1
1,1,2,2-Tetrachloroethane	0.00099	U	0.00099	0.00052	mg/Kg	☼	10/10/25 11:02	10/11/25 16:51	1
1,1,2-Trichloro-1,2,2-trifluoroethane	0.00099	U	0.00099	0.00030	mg/Kg	☼	10/10/25 11:02	10/11/25 16:51	1
1,1,2-Trichloroethane	0.00099	U	0.00099	0.00060	mg/Kg	☼	10/10/25 11:02	10/11/25 16:51	1
1,1-Dichloroethane	0.00099	U	0.00099	0.00059	mg/Kg	☼	10/10/25 11:02	10/11/25 16:51	1
1,1-Dichloroethene	0.00099	U	0.00099	0.00022	mg/Kg	☼	10/10/25 11:02	10/11/25 16:51	1
1,2,3-Trichlorobenzene	0.00099	U	0.00099	0.00073	mg/Kg	☼	10/10/25 11:02	10/11/25 16:51	1
1,2,4-Trichlorobenzene	0.00099	U	0.00099	0.00036	mg/Kg	☼	10/10/25 11:02	10/11/25 16:51	1
1,2,4-Trimethylbenzene	0.00099	U	0.00099	0.00024	mg/Kg	☼	10/10/25 11:02	10/11/25 16:51	1
1,2-Dibromo-3-Chloropropane	0.00099	U	0.00099	0.00046	mg/Kg	☼	10/10/25 11:02	10/11/25 16:51	1
1,2-Dichlorobenzene	0.00099	U	0.00099	0.00036	mg/Kg	☼	10/10/25 11:02	10/11/25 16:51	1
1,2-Dichloroethane	0.00099	U	0.00099	0.00029	mg/Kg	☼	10/10/25 11:02	10/11/25 16:51	1
1,2-Dichloropropane	0.00099	U	0.00099	0.00042	mg/Kg	☼	10/10/25 11:02	10/11/25 16:51	1
1,3,5-Trimethylbenzene	0.00099	U	0.00099	0.00031	mg/Kg	☼	10/10/25 11:02	10/11/25 16:51	1
1,3-Dichlorobenzene	0.00099	U	0.00099	0.00036	mg/Kg	☼	10/10/25 11:02	10/11/25 16:51	1
1,4-Dichlorobenzene	0.00099	U	0.00099	0.00051	mg/Kg	☼	10/10/25 11:02	10/11/25 16:51	1
2-Butanone (MEK)	0.0050	U	0.0050	0.00037	mg/Kg	☼	10/10/25 11:02	10/11/25 16:51	1
2-Hexanone	0.0050	U	0.0050	0.0017	mg/Kg	☼	10/10/25 11:02	10/11/25 16:51	1
4-Methyl-2-pentanone (MIBK)	0.0050	U	0.0050	0.0015	mg/Kg	☼	10/10/25 11:02	10/11/25 16:51	1
Acetone	0.0060	U	0.0060	0.0057	mg/Kg	☼	10/10/25 11:02	10/11/25 16:51	1
Benzene	0.00099	U	0.00099	0.00056	mg/Kg	☼	10/10/25 11:02	10/11/25 16:51	1
Bromoform	0.00099	U	0.00099	0.00042	mg/Kg	☼	10/10/25 11:02	10/11/25 16:51	1
Bromomethane	0.0020	U	0.0020	0.00099	mg/Kg	☼	10/10/25 11:02	10/11/25 16:51	1
Carbon disulfide	0.00099	U	0.00099	0.00026	mg/Kg	☼	10/10/25 11:02	10/11/25 16:51	1
Carbon tetrachloride	0.00099	U	0.00099	0.00038	mg/Kg	☼	10/10/25 11:02	10/11/25 16:51	1
Chlorobenzene	0.00099	U	0.00099	0.00050	mg/Kg	☼	10/10/25 11:02	10/11/25 16:51	1
Chlorobromomethane	0.00099	U	0.00099	0.00059	mg/Kg	☼	10/10/25 11:02	10/11/25 16:51	1
Chlorodibromomethane	0.00099	U	0.00099	0.00053	mg/Kg	☼	10/10/25 11:02	10/11/25 16:51	1
Chloroethane	0.00099	U	0.00099	0.00052	mg/Kg	☼	10/10/25 11:02	10/11/25 16:51	1
Chloroform	0.00099	U	0.00099	0.00096	mg/Kg	☼	10/10/25 11:02	10/11/25 16:51	1
Chloromethane	0.00099	U	0.00099	0.00043	mg/Kg	☼	10/10/25 11:02	10/11/25 16:51	1
cis-1,2-Dichloroethene	0.00099	U	0.00099	0.00036	mg/Kg	☼	10/10/25 11:02	10/11/25 16:51	1
cis-1,3-Dichloropropene	0.00099	U	0.00099	0.00027	mg/Kg	☼	10/10/25 11:02	10/11/25 16:51	1
Cyclohexane	0.00099	U	0.00099	0.00022	mg/Kg	☼	10/10/25 11:02	10/11/25 16:51	1
Dichlorobromomethane	0.00099	U	0.00099	0.00025	mg/Kg	☼	10/10/25 11:02	10/11/25 16:51	1

Client: Haley & Aldrich, Inc.
Project/Site: Former Port Mobil

Job ID: 460-336648-1

Client Sample ID: 45C2_11-12

Lab Sample ID: 460-336648-85

Date Collected: 10/07/25 14:20
Matrix: Solid
Date Received: 10/07/25 17:15
Percent Solids: 99.0

Method: SW846 8260D - Volatile Organic Compounds by GC/MS (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Dichlorodifluoromethane	0.00099	U	0.00099	0.00034	mg/Kg	☼	10/10/25 11:02	10/11/25 16:51	1
Ethylbenzene	0.00099	U	0.00099	0.00046	mg/Kg	☼	10/10/25 11:02	10/11/25 16:51	1
Ethylene Dibromide	0.00099	U	0.00099	0.00050	mg/Kg	☼	10/10/25 11:02	10/11/25 16:51	1
Isopropylbenzene	0.00099	U	0.00099	0.00028	mg/Kg	☼	10/10/25 11:02	10/11/25 16:51	1
Methyl acetate	0.0050	U	0.0050	0.0043	mg/Kg	☼	10/10/25 11:02	10/11/25 16:51	1
Methyl tert-butyl ether	0.00099	U	0.00099	0.00051	mg/Kg	☼	10/10/25 11:02	10/11/25 16:51	1
Methylcyclohexane	0.00099	U	0.00099	0.00049	mg/Kg	☼	10/10/25 11:02	10/11/25 16:51	1
Methylene Chloride	0.0020	U	0.0020	0.0011	mg/Kg	☼	10/10/25 11:02	10/11/25 16:51	1
m-Xylene & p-Xylene	0.00099	U	0.00099	0.00042	mg/Kg	☼	10/10/25 11:02	10/11/25 16:51	1
n-Butylbenzene	0.00099	U	0.00099	0.00029	mg/Kg	☼	10/10/25 11:02	10/11/25 16:51	1
N-Propylbenzene	0.00099	U	0.00099	0.00045	mg/Kg	☼	10/10/25 11:02	10/11/25 16:51	1
o-Xylene	0.00099	U	0.00099	0.00046	mg/Kg	☼	10/10/25 11:02	10/11/25 16:51	1
sec-Butylbenzene	0.00099	U	0.00099	0.00029	mg/Kg	☼	10/10/25 11:02	10/11/25 16:51	1
Styrene	0.00099	U	0.00099	0.00028	mg/Kg	☼	10/10/25 11:02	10/11/25 16:51	1
tert-Butylbenzene	0.00099	U	0.00099	0.00027	mg/Kg	☼	10/10/25 11:02	10/11/25 16:51	1
Tetrachloroethene	0.00099	U	0.00099	0.00030	mg/Kg	☼	10/10/25 11:02	10/11/25 16:51	1
Toluene	**0.00048**	**J**	0.00099	0.00023	mg/Kg	☼	10/10/25 11:02	10/11/25 16:51	1
trans-1,2-Dichloroethene	0.00099	U	0.00099	0.00024	mg/Kg	☼	10/10/25 11:02	10/11/25 16:51	1
trans-1,3-Dichloropropene	0.00099	U	0.00099	0.00026	mg/Kg	☼	10/10/25 11:02	10/11/25 16:51	1
Trichloroethene	0.00099	U	0.00099	0.00032	mg/Kg	☼	10/10/25 11:02	10/11/25 16:51	1
Trichlorofluoromethane	0.00099	U	0.00099	0.00040	mg/Kg	☼	10/10/25 11:02	10/11/25 16:51	1
Vinyl chloride	0.00099	U	0.00099	0.00054	mg/Kg	☼	10/10/25 11:02	10/11/25 16:51	1
Xylenes, Total	0.0020	U	0.0020	0.00017	mg/Kg	☼	10/10/25 11:02	10/11/25 16:51	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,2-Dichloroethane-d4 (Surr)	*87*		*65 - 138*	*10/10/25 11:02*	*10/11/25 16:51*	*1*
4-Bromofluorobenzene	*94*		*71 - 128*	*10/10/25 11:02*	*10/11/25 16:51*	*1*
Dibromofluoromethane (Surr)	*97*		*50 - 150*	*10/10/25 11:02*	*10/11/25 16:51*	*1*
Toluene-d8 (Surr)	*100*		*71 - 126*	*10/10/25 11:02*	*10/11/25 16:51*	*1*

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Percent Moisture (EPA Moisture)	**1.0**		1.0	1.0	%			10/12/25 15:03	1
Percent Solids (EPA Moisture)	**99.0**		1.0	1.0	%			10/12/25 15:03	1

Client Sample ID: 49A1_0-1

Lab Sample ID: 460-336648-86

Date Collected: 10/07/25 14:45
Matrix: Solid
Date Received: 10/07/25 17:15
Percent Solids: 98.0

Method: SW846 8260D - Volatile Organic Compounds by GC/MS

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1-Trichloroethane	0.0013	U	0.0013	0.00031	mg/Kg	☼	10/10/25 11:02	10/11/25 00:16	1
1,1,2,2-Tetrachloroethane	0.0013	U	0.0013	0.00070	mg/Kg	☼	10/10/25 11:02	10/11/25 00:16	1
1,1,2-Trichloro-1,2,2-trifluoroethane	0.0013	U	0.0013	0.00041	mg/Kg	☼	10/10/25 11:02	10/11/25 00:16	1
1,1,2-Trichloroethane	0.0013	U	0.0013	0.00081	mg/Kg	☼	10/10/25 11:02	10/11/25 00:16	1
1,1-Dichloroethane	0.0013	U	0.0013	0.00080	mg/Kg	☼	10/10/25 11:02	10/11/25 00:16	1
1,1-Dichloroethene	0.0013	U	0.0013	0.00030	mg/Kg	☼	10/10/25 11:02	10/11/25 00:16	1
1,2,3-Trichlorobenzene	0.0013	U	0.0013	0.00099	mg/Kg	☼	10/10/25 11:02	10/11/25 00:16	1
1,2,4-Trichlorobenzene	0.0013	U	0.0013	0.00048	mg/Kg	☼	10/10/25 11:02	10/11/25 00:16	1
1,2,4-Trimethylbenzene	0.0013	U	0.0013	0.00033	mg/Kg	☼	10/10/25 11:02	10/11/25 00:16	1

Client: Haley & Aldrich, Inc.
Project/Site: Former Port Mobil

Job ID: 460-336648-1

Client Sample ID: 49A1_0-1
Date Collected: 10/07/25 14:45
Date Received: 10/07/25 17:15

Lab Sample ID: 460-336648-86
Matrix: Solid
Percent Solids: 98.0

Method: SW846 8260D - Volatile Organic Compounds by GC/MS (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,2-Dibromo-3-Chloropropane	0.0013	U	0.0013	0.00062	mg/Kg	☼	10/10/25 11:02	10/11/25 00:16	1
1,2-Dichlorobenzene	0.0013	U	0.0013	0.00049	mg/Kg	☼	10/10/25 11:02	10/11/25 00:16	1
1,2-Dichloroethane	0.0013	U	0.0013	0.00040	mg/Kg	☼	10/10/25 11:02	10/11/25 00:16	1
1,2-Dichloropropane	0.0013	U	0.0013	0.00057	mg/Kg	☼	10/10/25 11:02	10/11/25 00:16	1
1,3,5-Trimethylbenzene	0.0013	U	0.0013	0.00042	mg/Kg	☼	10/10/25 11:02	10/11/25 00:16	1
1,3-Dichlorobenzene	0.0013	U	0.0013	0.00049	mg/Kg	☼	10/10/25 11:02	10/11/25 00:16	1
1,4-Dichlorobenzene	0.0013	U	0.0013	0.00070	mg/Kg	☼	10/10/25 11:02	10/11/25 00:16	1
2-Butanone (MEK)	0.0067	U	0.0067	0.00050	mg/Kg	☼	10/10/25 11:02	10/11/25 00:16	1
2-Hexanone	0.0067	U	0.0067	0.0023	mg/Kg	☼	10/10/25 11:02	10/11/25 00:16	1
4-Methyl-2-pentanone (MIBK)	0.0067	U	0.0067	0.0021	mg/Kg	☼	10/10/25 11:02	10/11/25 00:16	1
Acetone	**0.047**		0.0081	0.0077	mg/Kg	☼	10/10/25 11:02	10/11/25 00:16	1
Benzene	0.0013	U	0.0013	0.00076	mg/Kg	☼	10/10/25 11:02	10/11/25 00:16	1
Bromoform	0.0013	U	0.0013	0.00057	mg/Kg	☼	10/10/25 11:02	10/11/25 00:16	1
Bromomethane	0.0027	U	0.0027	0.0013	mg/Kg	☼	10/10/25 11:02	10/11/25 00:16	1
Carbon disulfide	0.0013	U	0.0013	0.00036	mg/Kg	☼	10/10/25 11:02	10/11/25 00:16	1
Carbon tetrachloride	0.0013	U	0.0013	0.00052	mg/Kg	☼	10/10/25 11:02	10/11/25 00:16	1
Chlorobenzene	0.0013	U	0.0013	0.00068	mg/Kg	☼	10/10/25 11:02	10/11/25 00:16	1
Chlorobromomethane	0.0013	U	0.0013	0.00080	mg/Kg	☼	10/10/25 11:02	10/11/25 00:16	1
Chlorodibromomethane	0.0013	U	0.0013	0.00072	mg/Kg	☼	10/10/25 11:02	10/11/25 00:16	1
Chloroethane	0.0013	U	0.0013	0.00070	mg/Kg	☼	10/10/25 11:02	10/11/25 00:16	1
Chloroform	0.0013	U	0.0013	0.0013	mg/Kg	☼	10/10/25 11:02	10/11/25 00:16	1
Chloromethane	0.0013	U	0.0013	0.00059	mg/Kg	☼	10/10/25 11:02	10/11/25 00:16	1
cis-1,2-Dichloroethene	0.0013	U	0.0013	0.00048	mg/Kg	☼	10/10/25 11:02	10/11/25 00:16	1
cis-1,3-Dichloropropene	0.0013	U	0.0013	0.00037	mg/Kg	☼	10/10/25 11:02	10/11/25 00:16	1
Cyclohexane	0.0013	U	0.0013	0.00030	mg/Kg	☼	10/10/25 11:02	10/11/25 00:16	1
Dichlorobromomethane	0.0013	U	0.0013	0.00035	mg/Kg	☼	10/10/25 11:02	10/11/25 00:16	1
Dichlorodifluoromethane	0.0013	U	0.0013	0.00046	mg/Kg	☼	10/10/25 11:02	10/11/25 00:16	1
Ethylbenzene	0.0013	U	0.0013	0.00063	mg/Kg	☼	10/10/25 11:02	10/11/25 00:16	1
Ethylene Dibromide	0.0013	U	0.0013	0.00068	mg/Kg	☼	10/10/25 11:02	10/11/25 00:16	1
Isopropylbenzene	0.0013	U	0.0013	0.00038	mg/Kg	☼	10/10/25 11:02	10/11/25 00:16	1
Methyl acetate	0.0067	U	0.0067	0.0058	mg/Kg	☼	10/10/25 11:02	10/11/25 00:16	1
Methyl tert-butyl ether	0.0013	U	0.0013	0.00069	mg/Kg	☼	10/10/25 11:02	10/11/25 00:16	1
Methylcyclohexane	0.0013	U	0.0013	0.00067	mg/Kg	☼	10/10/25 11:02	10/11/25 00:16	1
Methylene Chloride	0.0027	U	0.0027	0.0015	mg/Kg	☼	10/10/25 11:02	10/11/25 00:16	1
m-Xylene & p-Xylene	0.0013	U	0.0013	0.00057	mg/Kg	☼	10/10/25 11:02	10/11/25 00:16	1
n-Butylbenzene	0.0013	U	0.0013	0.00040	mg/Kg	☼	10/10/25 11:02	10/11/25 00:16	1
N-Propylbenzene	0.0013	U	0.0013	0.00061	mg/Kg	☼	10/10/25 11:02	10/11/25 00:16	1
o-Xylene	0.0013	U	0.0013	0.00062	mg/Kg	☼	10/10/25 11:02	10/11/25 00:16	1
sec-Butylbenzene	0.0013	U	0.0013	0.00039	mg/Kg	☼	10/10/25 11:02	10/11/25 00:16	1
Styrene	0.0013	U	0.0013	0.00037	mg/Kg	☼	10/10/25 11:02	10/11/25 00:16	1
tert-Butylbenzene	0.0013	U	0.0013	0.00037	mg/Kg	☼	10/10/25 11:02	10/11/25 00:16	1
Tetrachloroethene	0.0013	U	0.0013	0.00041	mg/Kg	☼	10/10/25 11:02	10/11/25 00:16	1
Toluene	0.0013	U	0.0013	0.00032	mg/Kg	☼	10/10/25 11:02	10/11/25 00:16	1
trans-1,2-Dichloroethene	0.0013	U	0.0013	0.00033	mg/Kg	☼	10/10/25 11:02	10/11/25 00:16	1
trans-1,3-Dichloropropene	0.0013	U	0.0013	0.00036	mg/Kg	☼	10/10/25 11:02	10/11/25 00:16	1
Trichloroethene	0.0013	U	0.0013	0.00043	mg/Kg	☼	10/10/25 11:02	10/11/25 00:16	1
Trichlorofluoromethane	0.0013	U	0.0013	0.00055	mg/Kg	☼	10/10/25 11:02	10/11/25 00:16	1
Vinyl chloride	0.0013	U	0.0013	0.00074	mg/Kg	☼	10/10/25 11:02	10/11/25 00:16	1
Xylenes, Total	0.0027	U	0.0027	0.00023	mg/Kg	☼	10/10/25 11:02	10/11/25 00:16	1

Client Sample ID: 49A1_0-1

Lab Sample ID: 460-336648-86

Date Collected: 10/07/25 14:45
Matrix: Solid
Date Received: 10/07/25 17:15
Percent Solids: 98.0

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,2-Dichloroethane-d4 (Surr)	*89*		*65 - 138*	*10/10/25 11:02*	*10/11/25 00:16*	*1*
4-Bromofluorobenzene	*97*		*71 - 128*	*10/10/25 11:02*	*10/11/25 00:16*	*1*
Dibromofluoromethane (Surr)	*97*		*50 - 150*	*10/10/25 11:02*	*10/11/25 00:16*	*1*
Toluene-d8 (Surr)	*101*		*71 - 126*	*10/10/25 11:02*	*10/11/25 00:16*	*1*

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Percent Moisture (EPA Moisture)	**1.9**		1.0	1.0	%			10/12/25 15:03	1
Percent Solids (EPA Moisture)	**98.1**		1.0	1.0	%			10/12/25 15:03	1

Client Sample ID: 49A2_2-3

Lab Sample ID: 460-336648-87

Date Collected: 10/07/25 14:50
Matrix: Solid
Date Received: 10/07/25 17:15
Percent Solids: 99.2

Method: SW846 8260D - Volatile Organic Compounds by GC/MS

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1-Trichloroethane	0.0011	U	0.0011	0.00025	mg/Kg	☼	10/10/25 11:02	10/11/25 00:40	1
1,1,2,2-Tetrachloroethane	0.0011	U	0.0011	0.00056	mg/Kg	☼	10/10/25 11:02	10/11/25 00:40	1
1,1,2-Trichloro-1,2,2-trifluoroethane	0.0011	U	0.0011	0.00032	mg/Kg	☼	10/10/25 11:02	10/11/25 00:40	1
1,1,2-Trichloroethane	0.0011	U	0.0011	0.00065	mg/Kg	☼	10/10/25 11:02	10/11/25 00:40	1
1,1-Dichloroethane	0.0011	U	0.0011	0.00064	mg/Kg	☼	10/10/25 11:02	10/11/25 00:40	1
1,1-Dichloroethene	0.0011	U	0.0011	0.00024	mg/Kg	☼	10/10/25 11:02	10/11/25 00:40	1
1,2,3-Trichlorobenzene	0.0011	U	0.0011	0.00080	mg/Kg	☼	10/10/25 11:02	10/11/25 00:40	1
1,2,4-Trichlorobenzene	0.0011	U	0.0011	0.00039	mg/Kg	☼	10/10/25 11:02	10/11/25 00:40	1
1,2,4-Trimethylbenzene	0.0011	U	0.0011	0.00027	mg/Kg	☼	10/10/25 11:02	10/11/25 00:40	1
1,2-Dibromo-3-Chloropropane	0.0011	U	0.0011	0.00050	mg/Kg	☼	10/10/25 11:02	10/11/25 00:40	1
1,2-Dichlorobenzene	0.0011	U	0.0011	0.00039	mg/Kg	☼	10/10/25 11:02	10/11/25 00:40	1
1,2-Dichloroethane	0.0011	U	0.0011	0.00032	mg/Kg	☼	10/10/25 11:02	10/11/25 00:40	1
1,2-Dichloropropane	0.0011	U	0.0011	0.00046	mg/Kg	☼	10/10/25 11:02	10/11/25 00:40	1
1,3,5-Trimethylbenzene	0.0011	U	0.0011	0.00034	mg/Kg	☼	10/10/25 11:02	10/11/25 00:40	1
1,3-Dichlorobenzene	0.0011	U	0.0011	0.00039	mg/Kg	☼	10/10/25 11:02	10/11/25 00:40	1
1,4-Dichlorobenzene	0.0011	U	0.0011	0.00056	mg/Kg	☼	10/10/25 11:02	10/11/25 00:40	1
2-Butanone (MEK)	0.0054	U	0.0054	0.00040	mg/Kg	☼	10/10/25 11:02	10/11/25 00:40	1
2-Hexanone	0.0054	U	0.0054	0.0018	mg/Kg	☼	10/10/25 11:02	10/11/25 00:40	1
4-Methyl-2-pentanone (MIBK)	0.0054	U	0.0054	0.0017	mg/Kg	☼	10/10/25 11:02	10/11/25 00:40	1
Acetone	**0.0097**		0.0065	0.0062	mg/Kg	☼	10/10/25 11:02	10/11/25 00:40	1
Benzene	0.0011	U	0.0011	0.00061	mg/Kg	☼	10/10/25 11:02	10/11/25 00:40	1
Bromoform	0.0011	U	0.0011	0.00046	mg/Kg	☼	10/10/25 11:02	10/11/25 00:40	1
Bromomethane	0.0022	U	0.0022	0.0011	mg/Kg	☼	10/10/25 11:02	10/11/25 00:40	1
Carbon disulfide	0.0011	U	0.0011	0.00029	mg/Kg	☼	10/10/25 11:02	10/11/25 00:40	1
Carbon tetrachloride	0.0011	U	0.0011	0.00042	mg/Kg	☼	10/10/25 11:02	10/11/25 00:40	1
Chlorobenzene	0.0011	U	0.0011	0.00055	mg/Kg	☼	10/10/25 11:02	10/11/25 00:40	1
Chlorobromomethane	0.0011	U	0.0011	0.00064	mg/Kg	☼	10/10/25 11:02	10/11/25 00:40	1
Chlorodibromomethane	0.0011	U	0.0011	0.00058	mg/Kg	☼	10/10/25 11:02	10/11/25 00:40	1
Chloroethane	0.0011	U	0.0011	0.00056	mg/Kg	☼	10/10/25 11:02	10/11/25 00:40	1
Chloroform	0.0011	U	0.0011	0.0010	mg/Kg	☼	10/10/25 11:02	10/11/25 00:40	1
Chloromethane	0.0011	U	0.0011	0.00047	mg/Kg	☼	10/10/25 11:02	10/11/25 00:40	1
cis-1,2-Dichloroethene	0.0011	U	0.0011	0.00039	mg/Kg	☼	10/10/25 11:02	10/11/25 00:40	1
cis-1,3-Dichloropropene	0.0011	U	0.0011	0.00029	mg/Kg	☼	10/10/25 11:02	10/11/25 00:40	1
Cyclohexane	0.0011	U	0.0011	0.00024	mg/Kg	☼	10/10/25 11:02	10/11/25 00:40	1
Dichlorobromomethane	0.0011	U	0.0011	0.00028	mg/Kg	☼	10/10/25 11:02	10/11/25 00:40	1

Client: Haley & Aldrich, Inc.
Project/Site: Former Port Mobil

Job ID: 460-336648-1

Client Sample ID: 49A2_2-3

Lab Sample ID: 460-336648-87

Date Collected: 10/07/25 14:50
Matrix: Solid
Date Received: 10/07/25 17:15
Percent Solids: 99.2

Method: SW846 8260D - Volatile Organic Compounds by GC/MS (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Dichlorodifluoromethane	0.0011	U	0.0011	0.00036	mg/Kg	☼	10/10/25 11:02	10/11/25 00:40	1
Ethylbenzene	0.0011	U	0.0011	0.00051	mg/Kg	☼	10/10/25 11:02	10/11/25 00:40	1
Ethylene Dibromide	0.0011	U	0.0011	0.00054	mg/Kg	☼	10/10/25 11:02	10/11/25 00:40	1
Isopropylbenzene	0.0011	U	0.0011	0.00031	mg/Kg	☼	10/10/25 11:02	10/11/25 00:40	1
Methyl acetate	0.0054	U	0.0054	0.0046	mg/Kg	☼	10/10/25 11:02	10/11/25 00:40	1
Methyl tert-butyl ether	0.0011	U	0.0011	0.00055	mg/Kg	☼	10/10/25 11:02	10/11/25 00:40	1
Methylcyclohexane	0.0011	U	0.0011	0.00054	mg/Kg	☼	10/10/25 11:02	10/11/25 00:40	1
Methylene Chloride	0.0022	U	0.0022	0.0012	mg/Kg	☼	10/10/25 11:02	10/11/25 00:40	1
m-Xylene & p-Xylene	0.0011	U	0.0011	0.00046	mg/Kg	☼	10/10/25 11:02	10/11/25 00:40	1
n-Butylbenzene	0.0011	U	0.0011	0.00032	mg/Kg	☼	10/10/25 11:02	10/11/25 00:40	1
N-Propylbenzene	0.0011	U	0.0011	0.00048	mg/Kg	☼	10/10/25 11:02	10/11/25 00:40	1
o-Xylene	0.0011	U	0.0011	0.00050	mg/Kg	☼	10/10/25 11:02	10/11/25 00:40	1
sec-Butylbenzene	0.0011	U	0.0011	0.00031	mg/Kg	☼	10/10/25 11:02	10/11/25 00:40	1
Styrene	0.0011	U	0.0011	0.00030	mg/Kg	☼	10/10/25 11:02	10/11/25 00:40	1
tert-Butylbenzene	0.0011	U	0.0011	0.00030	mg/Kg	☼	10/10/25 11:02	10/11/25 00:40	1
Tetrachloroethene	0.0011	U	0.0011	0.00033	mg/Kg	☼	10/10/25 11:02	10/11/25 00:40	1
Toluene	0.0011	U	0.0011	0.00025	mg/Kg	☼	10/10/25 11:02	10/11/25 00:40	1
trans-1,2-Dichloroethene	0.0011	U	0.0011	0.00027	mg/Kg	☼	10/10/25 11:02	10/11/25 00:40	1
trans-1,3-Dichloropropene	0.0011	U	0.0011	0.00029	mg/Kg	☼	10/10/25 11:02	10/11/25 00:40	1
Trichloroethene	0.0011	U	0.0011	0.00035	mg/Kg	☼	10/10/25 11:02	10/11/25 00:40	1
Trichlorofluoromethane	0.0011	U	0.0011	0.00044	mg/Kg	☼	10/10/25 11:02	10/11/25 00:40	1
Vinyl chloride	0.0011	U	0.0011	0.00059	mg/Kg	☼	10/10/25 11:02	10/11/25 00:40	1
Xylenes, Total	0.0022	U	0.0022	0.00019	mg/Kg	☼	10/10/25 11:02	10/11/25 00:40	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,2-Dichloroethane-d4 (Surr)	*87*		*65 - 138*	*10/10/25 11:02*	*10/11/25 00:40*	*1*
4-Bromofluorobenzene	*98*		*71 - 128*	*10/10/25 11:02*	*10/11/25 00:40*	*1*
Dibromofluoromethane (Surr)	*95*		*50 - 150*	*10/10/25 11:02*	*10/11/25 00:40*	*1*
Toluene-d8 (Surr)	*103*		*71 - 126*	*10/10/25 11:02*	*10/11/25 00:40*	*1*

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Percent Moisture (EPA Moisture)	1.0	U	1.0	1.0	%			10/12/25 15:03	1
Percent Solids (EPA Moisture)	**99.2**		1.0	1.0	%			10/12/25 15:03	1

Client Sample ID: 49A3_4-5

Lab Sample ID: 460-336648-88

Date Collected: 10/07/25 14:55
Matrix: Solid
Date Received: 10/07/25 17:15
Percent Solids: 99.0

Method: SW846 8260D - Volatile Organic Compounds by GC/MS

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1-Trichloroethane	0.0016	U	0.0016	0.00038	mg/Kg	☼	10/10/25 11:03	10/11/25 01:04	1
1,1,2,2-Tetrachloroethane	0.0016	U	0.0016	0.00085	mg/Kg	☼	10/10/25 11:03	10/11/25 01:04	1
1,1,2-Trichloro-1,2,2-trifluoroethane	0.0016	U	0.0016	0.00049	mg/Kg	☼	10/10/25 11:03	10/11/25 01:04	1
1,1,2-Trichloroethane	0.0016	U	0.0016	0.00098	mg/Kg	☼	10/10/25 11:03	10/11/25 01:04	1
1,1-Dichloroethane	0.0016	U	0.0016	0.00097	mg/Kg	☼	10/10/25 11:03	10/11/25 01:04	1
1,1-Dichloroethene	0.0016	U	0.0016	0.00037	mg/Kg	☼	10/10/25 11:03	10/11/25 01:04	1
1,2,3-Trichlorobenzene	0.0016	U	0.0016	0.0012	mg/Kg	☼	10/10/25 11:03	10/11/25 01:04	1
1,2,4-Trichlorobenzene	0.0016	U	0.0016	0.00058	mg/Kg	☼	10/10/25 11:03	10/11/25 01:04	1
1,2,4-Trimethylbenzene	0.0016	U	0.0016	0.00040	mg/Kg	☼	10/10/25 11:03	10/11/25 01:04	1

Client: Haley & Aldrich, Inc.
Project/Site: Former Port Mobil

Job ID: 460-336648-1

Client Sample ID: 49A3_4-5
Date Collected: 10/07/25 14:55
Date Received: 10/07/25 17:15

Lab Sample ID: 460-336648-88
Matrix: Solid
Percent Solids: 99.0

Method: SW846 8260D - Volatile Organic Compounds by GC/MS (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,2-Dibromo-3-Chloropropane	0.0016	U	0.0016	0.00075	mg/Kg	☼	10/10/25 11:03	10/11/25 01:04	1
1,2-Dichlorobenzene	0.0016	U	0.0016	0.00059	mg/Kg	☼	10/10/25 11:03	10/11/25 01:04	1
1,2-Dichloroethane	0.0016	U	0.0016	0.00048	mg/Kg	☼	10/10/25 11:03	10/11/25 01:04	1
1,2-Dichloropropane	0.0016	U	0.0016	0.00069	mg/Kg	☼	10/10/25 11:03	10/11/25 01:04	1
1,3,5-Trimethylbenzene	0.0016	U	0.0016	0.00051	mg/Kg	☼	10/10/25 11:03	10/11/25 01:04	1
1,3-Dichlorobenzene	0.0016	U	0.0016	0.00059	mg/Kg	☼	10/10/25 11:03	10/11/25 01:04	1
1,4-Dichlorobenzene	0.0016	U	0.0016	0.00084	mg/Kg	☼	10/10/25 11:03	10/11/25 01:04	1
2-Butanone (MEK)	0.0081	U	0.0081	0.00060	mg/Kg	☼	10/10/25 11:03	10/11/25 01:04	1
2-Hexanone	0.0081	U	0.0081	0.0028	mg/Kg	☼	10/10/25 11:03	10/11/25 01:04	1
4-Methyl-2-pentanone (MIBK)	0.0081	U	0.0081	0.0025	mg/Kg	☼	10/10/25 11:03	10/11/25 01:04	1
Acetone	**0.020**		0.0097	0.0093	mg/Kg	☼	10/10/25 11:03	10/11/25 01:04	1
Benzene	0.0016	U	0.0016	0.00092	mg/Kg	☼	10/10/25 11:03	10/11/25 01:04	1
Bromoform	0.0016	U	0.0016	0.00069	mg/Kg	☼	10/10/25 11:03	10/11/25 01:04	1
Bromomethane	0.0032	U	0.0032	0.0016	mg/Kg	☼	10/10/25 11:03	10/11/25 01:04	1
Carbon disulfide	0.0016	U	0.0016	0.00043	mg/Kg	☼	10/10/25 11:03	10/11/25 01:04	1
Carbon tetrachloride	0.0016	U	0.0016	0.00063	mg/Kg	☼	10/10/25 11:03	10/11/25 01:04	1
Chlorobenzene	0.0016	U	0.0016	0.00082	mg/Kg	☼	10/10/25 11:03	10/11/25 01:04	1
Chlorobromomethane	0.0016	U	0.0016	0.00097	mg/Kg	☼	10/10/25 11:03	10/11/25 01:04	1
Chlorodibromomethane	0.0016	U	0.0016	0.00087	mg/Kg	☼	10/10/25 11:03	10/11/25 01:04	1
Chloroethane	0.0016	U	0.0016	0.00085	mg/Kg	☼	10/10/25 11:03	10/11/25 01:04	1
Chloroform	0.0016	U	0.0016	0.0016	mg/Kg	☼	10/10/25 11:03	10/11/25 01:04	1
Chloromethane	0.0016	U	0.0016	0.00071	mg/Kg	☼	10/10/25 11:03	10/11/25 01:04	1
cis-1,2-Dichloroethene	0.0016	U	0.0016	0.00058	mg/Kg	☼	10/10/25 11:03	10/11/25 01:04	1
cis-1,3-Dichloropropene	0.0016	U	0.0016	0.00044	mg/Kg	☼	10/10/25 11:03	10/11/25 01:04	1
Cyclohexane	0.0016	U	0.0016	0.00036	mg/Kg	☼	10/10/25 11:03	10/11/25 01:04	1
Dichlorobromomethane	0.0016	U	0.0016	0.00042	mg/Kg	☼	10/10/25 11:03	10/11/25 01:04	1
Dichlorodifluoromethane	0.0016	U	0.0016	0.00055	mg/Kg	☼	10/10/25 11:03	10/11/25 01:04	1
Ethylbenzene	0.0016	U	0.0016	0.00076	mg/Kg	☼	10/10/25 11:03	10/11/25 01:04	1
Ethylene Dibromide	0.0016	U	0.0016	0.00082	mg/Kg	☼	10/10/25 11:03	10/11/25 01:04	1
Isopropylbenzene	0.0016	U	0.0016	0.00046	mg/Kg	☼	10/10/25 11:03	10/11/25 01:04	1
Methyl acetate	0.0081	U	0.0081	0.0070	mg/Kg	☼	10/10/25 11:03	10/11/25 01:04	1
Methyl tert-butyl ether	0.0016	U	0.0016	0.00083	mg/Kg	☼	10/10/25 11:03	10/11/25 01:04	1
Methylcyclohexane	0.0016	U	0.0016	0.00081	mg/Kg	☼	10/10/25 11:03	10/11/25 01:04	1
Methylene Chloride	0.0032	U	0.0032	0.0019	mg/Kg	☼	10/10/25 11:03	10/11/25 01:04	1
m-Xylene & p-Xylene	0.0016	U	0.0016	0.00069	mg/Kg	☼	10/10/25 11:03	10/11/25 01:04	1
n-Butylbenzene	0.0016	U	0.0016	0.00048	mg/Kg	☼	10/10/25 11:03	10/11/25 01:04	1
N-Propylbenzene	0.0016	U	0.0016	0.00073	mg/Kg	☼	10/10/25 11:03	10/11/25 01:04	1
o-Xylene	0.0016	U	0.0016	0.00075	mg/Kg	☼	10/10/25 11:03	10/11/25 01:04	1
sec-Butylbenzene	0.0016	U	0.0016	0.00047	mg/Kg	☼	10/10/25 11:03	10/11/25 01:04	1
Styrene	0.0016	U	0.0016	0.00045	mg/Kg	☼	10/10/25 11:03	10/11/25 01:04	1
tert-Butylbenzene	0.0016	U	0.0016	0.00045	mg/Kg	☼	10/10/25 11:03	10/11/25 01:04	1
Tetrachloroethene	0.0016	U	0.0016	0.00049	mg/Kg	☼	10/10/25 11:03	10/11/25 01:04	1
Toluene	0.0016	U	0.0016	0.00038	mg/Kg	☼	10/10/25 11:03	10/11/25 01:04	1
trans-1,2-Dichloroethene	0.0016	U	0.0016	0.00040	mg/Kg	☼	10/10/25 11:03	10/11/25 01:04	1
trans-1,3-Dichloropropene	0.0016	U	0.0016	0.00043	mg/Kg	☼	10/10/25 11:03	10/11/25 01:04	1
Trichloroethene	0.0016	U	0.0016	0.00052	mg/Kg	☼	10/10/25 11:03	10/11/25 01:04	1
Trichlorofluoromethane	0.0016	U	0.0016	0.00066	mg/Kg	☼	10/10/25 11:03	10/11/25 01:04	1
Vinyl chloride	0.0016	U	0.0016	0.00089	mg/Kg	☼	10/10/25 11:03	10/11/25 01:04	1
Xylenes, Total	0.0032	U	0.0032	0.00028	mg/Kg	☼	10/10/25 11:03	10/11/25 01:04	1

Client Sample ID: 49A3_4-5

Lab Sample ID: 460-336648-88

Date Collected: 10/07/25 14:55
Matrix: Solid
Date Received: 10/07/25 17:15
Percent Solids: 99.0

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,2-Dichloroethane-d4 (Surr)	*90*		*65 - 138*	*10/10/25 11:03*	*10/11/25 01:04*	*1*
4-Bromofluorobenzene	*96*		*71 - 128*	*10/10/25 11:03*	*10/11/25 01:04*	*1*
Dibromofluoromethane (Surr)	*97*		*50 - 150*	*10/10/25 11:03*	*10/11/25 01:04*	*1*
Toluene-d8 (Surr)	*102*		*71 - 126*	*10/10/25 11:03*	*10/11/25 01:04*	*1*

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Percent Moisture (EPA Moisture)	**1**		1.0	1.0	%			10/12/25 15:03	1
Percent Solids (EPA Moisture)	**99.0**		1.0	1.0	%			10/12/25 15:03	1

Client Sample ID: 49A4_5-6

Lab Sample ID: 460-336648-89

Date Collected: 10/07/25 15:00
Matrix: Solid
Date Received: 10/07/25 17:15
Percent Solids: 98.5

Method: SW846 8260D - Volatile Organic Compounds by GC/MS

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1-Trichloroethane	0.0013	U	0.0013	0.00030	mg/Kg	☼	10/10/25 11:03	10/11/25 01:28	1
1,1,2,2-Tetrachloroethane	0.0013	U	0.0013	0.00067	mg/Kg	☼	10/10/25 11:03	10/11/25 01:28	1
1,1,2-Trichloro-1,2,2-trifluoroethane	0.0013	U	0.0013	0.00038	mg/Kg	☼	10/10/25 11:03	10/11/25 01:28	1
1,1,2-Trichloroethane	0.0013	U	0.0013	0.00077	mg/Kg	☼	10/10/25 11:03	10/11/25 01:28	1
1,1-Dichloroethane	0.0013	U	0.0013	0.00076	mg/Kg	☼	10/10/25 11:03	10/11/25 01:28	1
1,1-Dichloroethene	0.0013	U	0.0013	0.00029	mg/Kg	☼	10/10/25 11:03	10/11/25 01:28	1
1,2,3-Trichlorobenzene	0.0013	U	0.0013	0.00094	mg/Kg	☼	10/10/25 11:03	10/11/25 01:28	1
1,2,4-Trichlorobenzene	0.0013	U	0.0013	0.00046	mg/Kg	☼	10/10/25 11:03	10/11/25 01:28	1
1,2,4-Trimethylbenzene	0.0013	U	0.0013	0.00031	mg/Kg	☼	10/10/25 11:03	10/11/25 01:28	1
1,2-Dibromo-3-Chloropropane	0.0013	U	0.0013	0.00059	mg/Kg	☼	10/10/25 11:03	10/11/25 01:28	1
1,2-Dichlorobenzene	0.0013	U	0.0013	0.00046	mg/Kg	☼	10/10/25 11:03	10/11/25 01:28	1
1,2-Dichloroethane	0.0013	U	0.0013	0.00038	mg/Kg	☼	10/10/25 11:03	10/11/25 01:28	1
1,2-Dichloropropane	0.0013	U	0.0013	0.00054	mg/Kg	☼	10/10/25 11:03	10/11/25 01:28	1
1,3,5-Trimethylbenzene	0.0013	U	0.0013	0.00040	mg/Kg	☼	10/10/25 11:03	10/11/25 01:28	1
1,3-Dichlorobenzene	0.0013	U	0.0013	0.00047	mg/Kg	☼	10/10/25 11:03	10/11/25 01:28	1
1,4-Dichlorobenzene	0.0013	U	0.0013	0.00066	mg/Kg	☼	10/10/25 11:03	10/11/25 01:28	1
2-Butanone (MEK)	0.0064	U	0.0064	0.00047	mg/Kg	☼	10/10/25 11:03	10/11/25 01:28	1
2-Hexanone	0.0064	U	0.0064	0.0022	mg/Kg	☼	10/10/25 11:03	10/11/25 01:28	1
4-Methyl-2-pentanone (MIBK)	0.0064	U	0.0064	0.0020	mg/Kg	☼	10/10/25 11:03	10/11/25 01:28	1
Acetone	**0.044**		0.0077	0.0073	mg/Kg	☼	10/10/25 11:03	10/11/25 01:28	1
Benzene	0.0013	U	0.0013	0.00072	mg/Kg	☼	10/10/25 11:03	10/11/25 01:28	1
Bromoform	0.0013	U	0.0013	0.00054	mg/Kg	☼	10/10/25 11:03	10/11/25 01:28	1
Bromomethane	0.0026	U	0.0026	0.0013	mg/Kg	☼	10/10/25 11:03	10/11/25 01:28	1
Carbon disulfide	0.0013	U	0.0013	0.00034	mg/Kg	☼	10/10/25 11:03	10/11/25 01:28	1
Carbon tetrachloride	0.0013	U	0.0013	0.00049	mg/Kg	☼	10/10/25 11:03	10/11/25 01:28	1
Chlorobenzene	0.0013	U	0.0013	0.00065	mg/Kg	☼	10/10/25 11:03	10/11/25 01:28	1
Chlorobromomethane	0.0013	U	0.0013	0.00076	mg/Kg	☼	10/10/25 11:03	10/11/25 01:28	1
Chlorodibromomethane	0.0013	U	0.0013	0.00069	mg/Kg	☼	10/10/25 11:03	10/11/25 01:28	1
Chloroethane	0.0013	U	0.0013	0.00067	mg/Kg	☼	10/10/25 11:03	10/11/25 01:28	1
Chloroform	0.0013	U	0.0013	0.0012	mg/Kg	☼	10/10/25 11:03	10/11/25 01:28	1
Chloromethane	0.0013	U	0.0013	0.00056	mg/Kg	☼	10/10/25 11:03	10/11/25 01:28	1
cis-1,2-Dichloroethene	0.0013	U	0.0013	0.00046	mg/Kg	☼	10/10/25 11:03	10/11/25 01:28	1
cis-1,3-Dichloropropene	0.0013	U	0.0013	0.00035	mg/Kg	☼	10/10/25 11:03	10/11/25 01:28	1
Cyclohexane	0.0013	U	0.0013	0.00028	mg/Kg	☼	10/10/25 11:03	10/11/25 01:28	1
Dichlorobromomethane	0.0013	U	0.0013	0.00033	mg/Kg	☼	10/10/25 11:03	10/11/25 01:28	1

Client Sample ID: 49A4_5-6

Lab Sample ID: 460-336648-89

Date Collected: 10/07/25 15:00
Matrix: Solid
Date Received: 10/07/25 17:15
Percent Solids: 98.5

Method: SW846 8260D - Volatile Organic Compounds by GC/MS (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Dichlorodifluoromethane	0.0013	U	0.0013	0.00043	mg/Kg	☼	10/10/25 11:03	10/11/25 01:28	1
Ethylbenzene	0.0013	U	0.0013	0.00060	mg/Kg	☼	10/10/25 11:03	10/11/25 01:28	1
Ethylene Dibromide	0.0013	U	0.0013	0.00064	mg/Kg	☼	10/10/25 11:03	10/11/25 01:28	1
Isopropylbenzene	0.0013	U	0.0013	0.00036	mg/Kg	☼	10/10/25 11:03	10/11/25 01:28	1
Methyl acetate	0.0064	U	0.0064	0.0055	mg/Kg	☼	10/10/25 11:03	10/11/25 01:28	1
Methyl tert-butyl ether	0.0013	U	0.0013	0.00065	mg/Kg	☼	10/10/25 11:03	10/11/25 01:28	1
Methylcyclohexane	0.0013	U	0.0013	0.00064	mg/Kg	☼	10/10/25 11:03	10/11/25 01:28	1
Methylene Chloride	0.0026	U	0.0026	0.0015	mg/Kg	☼	10/10/25 11:03	10/11/25 01:28	1
m-Xylene & p-Xylene	0.0013	U	0.0013	0.00054	mg/Kg	☼	10/10/25 11:03	10/11/25 01:28	1
n-Butylbenzene	0.0013	U	0.0013	0.00038	mg/Kg	☼	10/10/25 11:03	10/11/25 01:28	1
N-Propylbenzene	0.0013	U	0.0013	0.00057	mg/Kg	☼	10/10/25 11:03	10/11/25 01:28	1
o-Xylene	0.0013	U	0.0013	0.00059	mg/Kg	☼	10/10/25 11:03	10/11/25 01:28	1
sec-Butylbenzene	0.0013	U	0.0013	0.00037	mg/Kg	☼	10/10/25 11:03	10/11/25 01:28	1
Styrene	0.0013	U	0.0013	0.00035	mg/Kg	☼	10/10/25 11:03	10/11/25 01:28	1
tert-Butylbenzene	0.0013	U	0.0013	0.00035	mg/Kg	☼	10/10/25 11:03	10/11/25 01:28	1
Tetrachloroethene	0.0013	U	0.0013	0.00039	mg/Kg	☼	10/10/25 11:03	10/11/25 01:28	1
Toluene	0.0013	U	0.0013	0.00030	mg/Kg	☼	10/10/25 11:03	10/11/25 01:28	1
trans-1,2-Dichloroethene	0.0013	U	0.0013	0.00031	mg/Kg	☼	10/10/25 11:03	10/11/25 01:28	1
trans-1,3-Dichloropropene	0.0013	U	0.0013	0.00034	mg/Kg	☼	10/10/25 11:03	10/11/25 01:28	1
Trichloroethene	0.0013	U	0.0013	0.00041	mg/Kg	☼	10/10/25 11:03	10/11/25 01:28	1
Trichlorofluoromethane	0.0013	U	0.0013	0.00052	mg/Kg	☼	10/10/25 11:03	10/11/25 01:28	1
Vinyl chloride	0.0013	U	0.0013	0.00070	mg/Kg	☼	10/10/25 11:03	10/11/25 01:28	1
Xylenes, Total	0.0026	U	0.0026	0.00022	mg/Kg	☼	10/10/25 11:03	10/11/25 01:28	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,2-Dichloroethane-d4 (Surr)	*90*		*65 - 138*	*10/10/25 11:03*	*10/11/25 01:28*	*1*
4-Bromofluorobenzene	*100*		*71 - 128*	*10/10/25 11:03*	*10/11/25 01:28*	*1*
Dibromofluoromethane (Surr)	*97*		*50 - 150*	*10/10/25 11:03*	*10/11/25 01:28*	*1*
Toluene-d8 (Surr)	*102*		*71 - 126*	*10/10/25 11:03*	*10/11/25 01:28*	*1*

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Percent Moisture (EPA Moisture)	**1.5**		1.0	1.0	%			10/12/25 15:03	1
Percent Solids (EPA Moisture)	**98.5**		1.0	1.0	%			10/12/25 15:03	1

Client Sample ID: 49A1_7-8

Lab Sample ID: 460-336648-90

Date Collected: 10/07/25 15:05
Matrix: Solid
Date Received: 10/07/25 17:15
Percent Solids: 98.7

Method: SW846 8260D - Volatile Organic Compounds by GC/MS

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1-Trichloroethane	0.0012	U	0.0012	0.00028	mg/Kg	☼	10/10/25 11:03	10/11/25 01:52	1
1,1,2,2-Tetrachloroethane	0.0012	U	0.0012	0.00062	mg/Kg	☼	10/10/25 11:03	10/11/25 01:52	1
1,1,2-Trichloro-1,2,2-trifluoroethane	0.0012	U	0.0012	0.00036	mg/Kg	☼	10/10/25 11:03	10/11/25 01:52	1
1,1,2-Trichloroethane	0.0012	U	0.0012	0.00071	mg/Kg	☼	10/10/25 11:03	10/11/25 01:52	1
1,1-Dichloroethane	0.0012	U	0.0012	0.00071	mg/Kg	☼	10/10/25 11:03	10/11/25 01:52	1
1,1-Dichloroethene	0.0012	U	0.0012	0.00027	mg/Kg	☼	10/10/25 11:03	10/11/25 01:52	1
1,2,3-Trichlorobenzene	0.0012	U	0.0012	0.00087	mg/Kg	☼	10/10/25 11:03	10/11/25 01:52	1
1,2,4-Trichlorobenzene	0.0012	U	0.0012	0.00042	mg/Kg	☼	10/10/25 11:03	10/11/25 01:52	1
1,2,4-Trimethylbenzene	0.0012	U	0.0012	0.00029	mg/Kg	☼	10/10/25 11:03	10/11/25 01:52	1

Client: Haley & Aldrich, Inc.
Project/Site: Former Port Mobil

Job ID: 460-336648-1

Client Sample ID: 49A1_7-8
Date Collected: 10/07/25 15:05
Date Received: 10/07/25 17:15

Lab Sample ID: 460-336648-90
Matrix: Solid
Percent Solids: 98.7

Method: SW846 8260D - Volatile Organic Compounds by GC/MS (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,2-Dibromo-3-Chloropropane	0.0012	U	0.0012	0.00054	mg/Kg	☼	10/10/25 11:03	10/11/25 01:52	1
1,2-Dichlorobenzene	0.0012	U	0.0012	0.00043	mg/Kg	☼	10/10/25 11:03	10/11/25 01:52	1
1,2-Dichloroethane	0.0012	U	0.0012	0.00035	mg/Kg	☼	10/10/25 11:03	10/11/25 01:52	1
1,2-Dichloropropane	0.0012	U	0.0012	0.00050	mg/Kg	☼	10/10/25 11:03	10/11/25 01:52	1
1,3,5-Trimethylbenzene	0.0012	U	0.0012	0.00037	mg/Kg	☼	10/10/25 11:03	10/11/25 01:52	1
1,3-Dichlorobenzene	0.0012	U	0.0012	0.00043	mg/Kg	☼	10/10/25 11:03	10/11/25 01:52	1
1,4-Dichlorobenzene	0.0012	U	0.0012	0.00061	mg/Kg	☼	10/10/25 11:03	10/11/25 01:52	1
2-Butanone (MEK)	0.0059	U	0.0059	0.00044	mg/Kg	☼	10/10/25 11:03	10/11/25 01:52	1
2-Hexanone	0.0059	U	0.0059	0.0020	mg/Kg	☼	10/10/25 11:03	10/11/25 01:52	1
4-Methyl-2-pentanone (MIBK)	0.0059	U	0.0059	0.0018	mg/Kg	☼	10/10/25 11:03	10/11/25 01:52	1
Acetone	0.0071	U	0.0071	0.0068	mg/Kg	☼	10/10/25 11:03	10/11/25 01:52	1
Benzene	0.0012	U	0.0012	0.00067	mg/Kg	☼	10/10/25 11:03	10/11/25 01:52	1
Bromoform	0.0012	U	0.0012	0.00050	mg/Kg	☼	10/10/25 11:03	10/11/25 01:52	1
Bromomethane	0.0024	U	0.0024	0.0012	mg/Kg	☼	10/10/25 11:03	10/11/25 01:52	1
Carbon disulfide	0.0012	U	0.0012	0.00031	mg/Kg	☼	10/10/25 11:03	10/11/25 01:52	1
Carbon tetrachloride	0.0012	U	0.0012	0.00046	mg/Kg	☼	10/10/25 11:03	10/11/25 01:52	1
Chlorobenzene	0.0012	U	0.0012	0.00060	mg/Kg	☼	10/10/25 11:03	10/11/25 01:52	1
Chlorobromomethane	0.0012	U	0.0012	0.00071	mg/Kg	☼	10/10/25 11:03	10/11/25 01:52	1
Chlorodibromomethane	0.0012	U	0.0012	0.00064	mg/Kg	☼	10/10/25 11:03	10/11/25 01:52	1
Chloroethane	0.0012	U	0.0012	0.00062	mg/Kg	☼	10/10/25 11:03	10/11/25 01:52	1
Chloroform	0.0012	U	0.0012	0.0011	mg/Kg	☼	10/10/25 11:03	10/11/25 01:52	1
Chloromethane	0.0012	U	0.0012	0.00052	mg/Kg	☼	10/10/25 11:03	10/11/25 01:52	1
cis-1,2-Dichloroethene	0.0012	U	0.0012	0.00042	mg/Kg	☼	10/10/25 11:03	10/11/25 01:52	1
cis-1,3-Dichloropropene	0.0012	U	0.0012	0.00032	mg/Kg	☼	10/10/25 11:03	10/11/25 01:52	1
Cyclohexane	0.0012	U	0.0012	0.00026	mg/Kg	☼	10/10/25 11:03	10/11/25 01:52	1
Dichlorobromomethane	0.0012	U	0.0012	0.00030	mg/Kg	☼	10/10/25 11:03	10/11/25 01:52	1
Dichlorodifluoromethane	0.0012	U	0.0012	0.00040	mg/Kg	☼	10/10/25 11:03	10/11/25 01:52	1
Ethylbenzene	0.0012	U	0.0012	0.00055	mg/Kg	☼	10/10/25 11:03	10/11/25 01:52	1
Ethylene Dibromide	0.0012	U	0.0012	0.00060	mg/Kg	☼	10/10/25 11:03	10/11/25 01:52	1
Isopropylbenzene	0.0012	U	0.0012	0.00034	mg/Kg	☼	10/10/25 11:03	10/11/25 01:52	1
Methyl acetate	0.0059	U	0.0059	0.0051	mg/Kg	☼	10/10/25 11:03	10/11/25 01:52	1
Methyl tert-butyl ether	0.0012	U	0.0012	0.00061	mg/Kg	☼	10/10/25 11:03	10/11/25 01:52	1
Methylcyclohexane	0.0012	U	0.0012	0.00059	mg/Kg	☼	10/10/25 11:03	10/11/25 01:52	1
Methylene Chloride	0.0024	U	0.0024	0.0014	mg/Kg	☼	10/10/25 11:03	10/11/25 01:52	1
m-Xylene & p-Xylene	0.0012	U	0.0012	0.00050	mg/Kg	☼	10/10/25 11:03	10/11/25 01:52	1
n-Butylbenzene	0.0012	U	0.0012	0.00035	mg/Kg	☼	10/10/25 11:03	10/11/25 01:52	1
N-Propylbenzene	0.0012	U	0.0012	0.00053	mg/Kg	☼	10/10/25 11:03	10/11/25 01:52	1
o-Xylene	0.0012	U	0.0012	0.00055	mg/Kg	☼	10/10/25 11:03	10/11/25 01:52	1
sec-Butylbenzene	0.0012	U	0.0012	0.00034	mg/Kg	☼	10/10/25 11:03	10/11/25 01:52	1
Styrene	0.0012	U	0.0012	0.00033	mg/Kg	☼	10/10/25 11:03	10/11/25 01:52	1
tert-Butylbenzene	0.0012	U	0.0012	0.00033	mg/Kg	☼	10/10/25 11:03	10/11/25 01:52	1
Tetrachloroethene	0.0012	U	0.0012	0.00036	mg/Kg	☼	10/10/25 11:03	10/11/25 01:52	1
Toluene	0.0012	U	0.0012	0.00028	mg/Kg	☼	10/10/25 11:03	10/11/25 01:52	1
trans-1,2-Dichloroethene	0.0012	U	0.0012	0.00029	mg/Kg	☼	10/10/25 11:03	10/11/25 01:52	1
trans-1,3-Dichloropropene	0.0012	U	0.0012	0.00031	mg/Kg	☼	10/10/25 11:03	10/11/25 01:52	1
Trichloroethene	0.0012	U	0.0012	0.00038	mg/Kg	☼	10/10/25 11:03	10/11/25 01:52	1
Trichlorofluoromethane	0.0012	U	0.0012	0.00048	mg/Kg	☼	10/10/25 11:03	10/11/25 01:52	1
Vinyl chloride	0.0012	U	0.0012	0.00065	mg/Kg	☼	10/10/25 11:03	10/11/25 01:52	1
Xylenes, Total	0.0024	U	0.0024	0.00021	mg/Kg	☼	10/10/25 11:03	10/11/25 01:52	1

Client Sample ID: 49A1_7-8

Lab Sample ID: 460-336648-90

Date Collected: 10/07/25 15:05
Matrix: Solid
Date Received: 10/07/25 17:15
Percent Solids: 98.7

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,2-Dichloroethane-d4 (Surr)	*90*		*65 - 138*	*10/10/25 11:03*	*10/11/25 01:52*	*1*
4-Bromofluorobenzene	*96*		*71 - 128*	*10/10/25 11:03*	*10/11/25 01:52*	*1*
Dibromofluoromethane (Surr)	*97*		*50 - 150*	*10/10/25 11:03*	*10/11/25 01:52*	*1*
Toluene-d8 (Surr)	*100*		*71 - 126*	*10/10/25 11:03*	*10/11/25 01:52*	*1*

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Percent Moisture (EPA Moisture)	**1.3**		1.0	1.0	%			10/12/25 15:03	1
Percent Solids (EPA Moisture)	**98.7**		1.0	1.0	%			10/12/25 15:03	1

Client Sample ID: 49A2_8-9

Lab Sample ID: 460-336648-91

Date Collected: 10/07/25 15:10
Matrix: Solid
Date Received: 10/07/25 17:15
Percent Solids: 99.0

Method: SW846 8260D - Volatile Organic Compounds by GC/MS

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1-Trichloroethane	0.0012	U	0.0012	0.00028	mg/Kg	☼	10/10/25 11:04	10/11/25 02:17	1
1,1,2,2-Tetrachloroethane	0.0012	U	0.0012	0.00063	mg/Kg	☼	10/10/25 11:04	10/11/25 02:17	1
1,1,2-Trichloro-1,2,2-trifluoroethane	0.0012	U	0.0012	0.00036	mg/Kg	☼	10/10/25 11:04	10/11/25 02:17	1
1,1,2-Trichloroethane	0.0012	U	0.0012	0.00073	mg/Kg	☼	10/10/25 11:04	10/11/25 02:17	1
1,1-Dichloroethane	0.0012	U	0.0012	0.00072	mg/Kg	☼	10/10/25 11:04	10/11/25 02:17	1
1,1-Dichloroethene	0.0012	U	0.0012	0.00027	mg/Kg	☼	10/10/25 11:04	10/11/25 02:17	1
1,2,3-Trichlorobenzene	0.0012	U	0.0012	0.00089	mg/Kg	☼	10/10/25 11:04	10/11/25 02:17	1
1,2,4-Trichlorobenzene	0.0012	U	0.0012	0.00043	mg/Kg	☼	10/10/25 11:04	10/11/25 02:17	1
1,2,4-Trimethylbenzene	0.0012	U	0.0012	0.00030	mg/Kg	☼	10/10/25 11:04	10/11/25 02:17	1
1,2-Dibromo-3-Chloropropane	0.0012	U	0.0012	0.00056	mg/Kg	☼	10/10/25 11:04	10/11/25 02:17	1
1,2-Dichlorobenzene	0.0012	U	0.0012	0.00044	mg/Kg	☼	10/10/25 11:04	10/11/25 02:17	1
1,2-Dichloroethane	0.0012	U	0.0012	0.00036	mg/Kg	☼	10/10/25 11:04	10/11/25 02:17	1
1,2-Dichloropropane	0.0012	U	0.0012	0.00051	mg/Kg	☼	10/10/25 11:04	10/11/25 02:17	1
1,3,5-Trimethylbenzene	0.0012	U	0.0012	0.00038	mg/Kg	☼	10/10/25 11:04	10/11/25 02:17	1
1,3-Dichlorobenzene	0.0012	U	0.0012	0.00044	mg/Kg	☼	10/10/25 11:04	10/11/25 02:17	1
1,4-Dichlorobenzene	0.0012	U	0.0012	0.00063	mg/Kg	☼	10/10/25 11:04	10/11/25 02:17	1
2-Butanone (MEK)	0.0060	U	0.0060	0.00044	mg/Kg	☼	10/10/25 11:04	10/11/25 02:17	1
2-Hexanone	0.0060	U	0.0060	0.0021	mg/Kg	☼	10/10/25 11:04	10/11/25 02:17	1
4-Methyl-2-pentanone (MIBK)	0.0060	U	0.0060	0.0019	mg/Kg	☼	10/10/25 11:04	10/11/25 02:17	1
Acetone	0.0072	U	0.0072	0.0069	mg/Kg	☼	10/10/25 11:04	10/11/25 02:17	1
Benzene	0.0012	U	0.0012	0.00068	mg/Kg	☼	10/10/25 11:04	10/11/25 02:17	1
Bromoform	0.0012	U	0.0012	0.00051	mg/Kg	☼	10/10/25 11:04	10/11/25 02:17	1
Bromomethane	0.0024	U	0.0024	0.0012	mg/Kg	☼	10/10/25 11:04	10/11/25 02:17	1
Carbon disulfide	0.0012	U	0.0012	0.00032	mg/Kg	☼	10/10/25 11:04	10/11/25 02:17	1
Carbon tetrachloride	0.0012	U	0.0012	0.00047	mg/Kg	☼	10/10/25 11:04	10/11/25 02:17	1
Chlorobenzene	0.0012	U	0.0012	0.00061	mg/Kg	☼	10/10/25 11:04	10/11/25 02:17	1
Chlorobromomethane	0.0012	U	0.0012	0.00072	mg/Kg	☼	10/10/25 11:04	10/11/25 02:17	1
Chlorodibromomethane	0.0012	U	0.0012	0.00065	mg/Kg	☼	10/10/25 11:04	10/11/25 02:17	1
Chloroethane	0.0012	U	0.0012	0.00063	mg/Kg	☼	10/10/25 11:04	10/11/25 02:17	1
Chloroform	0.0012	U	0.0012	0.0012	mg/Kg	☼	10/10/25 11:04	10/11/25 02:17	1
Chloromethane	0.0012	U	0.0012	0.00053	mg/Kg	☼	10/10/25 11:04	10/11/25 02:17	1
cis-1,2-Dichloroethene	0.0012	U	0.0012	0.00043	mg/Kg	☼	10/10/25 11:04	10/11/25 02:17	1
cis-1,3-Dichloropropene	0.0012	U	0.0012	0.00033	mg/Kg	☼	10/10/25 11:04	10/11/25 02:17	1
Cyclohexane	0.0012	U	0.0012	0.00027	mg/Kg	☼	10/10/25 11:04	10/11/25 02:17	1
Dichlorobromomethane	0.0012	U	0.0012	0.00031	mg/Kg	☼	10/10/25 11:04	10/11/25 02:17	1

Client Sample ID: 49A2_8-9

Lab Sample ID: 460-336648-91

Date Collected: 10/07/25 15:10
Matrix: Solid
Date Received: 10/07/25 17:15
Percent Solids: 99.0

Method: SW846 8260D - Volatile Organic Compounds by GC/MS (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Dichlorodifluoromethane	0.0012	U	0.0012	0.00041	mg/Kg	☼	10/10/25 11:04	10/11/25 02:17	1
Ethylbenzene	0.0012	U	0.0012	0.00057	mg/Kg	☼	10/10/25 11:04	10/11/25 02:17	1
Ethylene Dibromide	0.0012	U	0.0012	0.00061	mg/Kg	☼	10/10/25 11:04	10/11/25 02:17	1
Isopropylbenzene	0.0012	U	0.0012	0.00034	mg/Kg	☼	10/10/25 11:04	10/11/25 02:17	1
Methyl acetate	0.0060	U	0.0060	0.0052	mg/Kg	☼	10/10/25 11:04	10/11/25 02:17	1
Methyl tert-butyl ether	0.0012	U	0.0012	0.00062	mg/Kg	☼	10/10/25 11:04	10/11/25 02:17	1
Methylcyclohexane	0.0012	U	0.0012	0.00060	mg/Kg	☼	10/10/25 11:04	10/11/25 02:17	1
Methylene Chloride	**0.0017**	**J**	0.0024	0.0014	mg/Kg	☼	10/10/25 11:04	10/11/25 02:17	1
m-Xylene & p-Xylene	0.0012	U	0.0012	0.00051	mg/Kg	☼	10/10/25 11:04	10/11/25 02:17	1
n-Butylbenzene	0.0012	U	0.0012	0.00036	mg/Kg	☼	10/10/25 11:04	10/11/25 02:17	1
N-Propylbenzene	0.0012	U	0.0012	0.00054	mg/Kg	☼	10/10/25 11:04	10/11/25 02:17	1
o-Xylene	0.0012	U	0.0012	0.00056	mg/Kg	☼	10/10/25 11:04	10/11/25 02:17	1
sec-Butylbenzene	0.0012	U	0.0012	0.00035	mg/Kg	☼	10/10/25 11:04	10/11/25 02:17	1
Styrene	0.0012	U	0.0012	0.00034	mg/Kg	☼	10/10/25 11:04	10/11/25 02:17	1
tert-Butylbenzene	0.0012	U	0.0012	0.00033	mg/Kg	☼	10/10/25 11:04	10/11/25 02:17	1
Tetrachloroethene	0.0012	U	0.0012	0.00037	mg/Kg	☼	10/10/25 11:04	10/11/25 02:17	1
Toluene	0.0012	U	0.0012	0.00028	mg/Kg	☼	10/10/25 11:04	10/11/25 02:17	1
trans-1,2-Dichloroethene	0.0012	U	0.0012	0.00030	mg/Kg	☼	10/10/25 11:04	10/11/25 02:17	1
trans-1,3-Dichloropropene	0.0012	U	0.0012	0.00032	mg/Kg	☼	10/10/25 11:04	10/11/25 02:17	1
Trichloroethene	0.0012	U	0.0012	0.00039	mg/Kg	☼	10/10/25 11:04	10/11/25 02:17	1
Trichlorofluoromethane	0.0012	U	0.0012	0.00049	mg/Kg	☼	10/10/25 11:04	10/11/25 02:17	1
Vinyl chloride	0.0012	U	0.0012	0.00066	mg/Kg	☼	10/10/25 11:04	10/11/25 02:17	1
Xylenes, Total	0.0024	U	0.0024	0.00021	mg/Kg	☼	10/10/25 11:04	10/11/25 02:17	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,2-Dichloroethane-d4 (Surr)	*90*		*65 - 138*	*10/10/25 11:04*	*10/11/25 02:17*	*1*
4-Bromofluorobenzene	*97*		*71 - 128*	*10/10/25 11:04*	*10/11/25 02:17*	*1*
Dibromofluoromethane (Surr)	*98*		*50 - 150*	*10/10/25 11:04*	*10/11/25 02:17*	*1*
Toluene-d8 (Surr)	*102*		*71 - 126*	*10/10/25 11:04*	*10/11/25 02:17*	*1*

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Percent Moisture (EPA Moisture)	**1.0**		1.0	1.0	%			10/12/25 15:03	1
Percent Solids (EPA Moisture)	**99.0**		1.0	1.0	%			10/12/25 15:03	1

Client Sample ID: 49A3_9-10

Lab Sample ID: 460-336648-92

Date Collected: 10/07/25 15:15
Matrix: Solid
Date Received: 10/07/25 17:15
Percent Solids: 99.7

Method: SW846 8260D - Volatile Organic Compounds by GC/MS

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1-Trichloroethane	0.0011	U	0.0011	0.00026	mg/Kg	☼	10/10/25 11:04	10/11/25 02:41	1
1,1,2,2-Tetrachloroethane	0.0011	U	0.0011	0.00058	mg/Kg	☼	10/10/25 11:04	10/11/25 02:41	1
1,1,2-Trichloro-1,2,2-trifluoroethane	0.0011	U	0.0011	0.00033	mg/Kg	☼	10/10/25 11:04	10/11/25 02:41	1
1,1,2-Trichloroethane	0.0011	U	0.0011	0.00066	mg/Kg	☼	10/10/25 11:04	10/11/25 02:41	1
1,1-Dichloroethane	0.0011	U	0.0011	0.00066	mg/Kg	☼	10/10/25 11:04	10/11/25 02:41	1
1,1-Dichloroethene	0.0011	U	0.0011	0.00025	mg/Kg	☼	10/10/25 11:04	10/11/25 02:41	1
1,2,3-Trichlorobenzene	0.0011	U	0.0011	0.00081	mg/Kg	☼	10/10/25 11:04	10/11/25 02:41	1
1,2,4-Trichlorobenzene	0.0011	U	0.0011	0.00039	mg/Kg	☼	10/10/25 11:04	10/11/25 02:41	1
1,2,4-Trimethylbenzene	0.0011	U	0.0011	0.00027	mg/Kg	☼	10/10/25 11:04	10/11/25 02:41	1

Client: Haley & Aldrich, Inc.
Project/Site: Former Port Mobil

Job ID: 460-336648-1

Client Sample ID: 49A3_9-10
Date Collected: 10/07/25 15:15
Date Received: 10/07/25 17:15

Lab Sample ID: 460-336648-92
Matrix: Solid
Percent Solids: 99.7

Method: SW846 8260D - Volatile Organic Compounds by GC/MS (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,2-Dibromo-3-Chloropropane	0.0011	U	0.0011	0.00051	mg/Kg	☼	10/10/25 11:04	10/11/25 02:41	1
1,2-Dichlorobenzene	0.0011	U	0.0011	0.00040	mg/Kg	☼	10/10/25 11:04	10/11/25 02:41	1
1,2-Dichloroethane	0.0011	U	0.0011	0.00033	mg/Kg	☼	10/10/25 11:04	10/11/25 02:41	1
1,2-Dichloropropane	0.0011	U	0.0011	0.00047	mg/Kg	☼	10/10/25 11:04	10/11/25 02:41	1
1,3,5-Trimethylbenzene	0.0011	U	0.0011	0.00035	mg/Kg	☼	10/10/25 11:04	10/11/25 02:41	1
1,3-Dichlorobenzene	0.0011	U	0.0011	0.00040	mg/Kg	☼	10/10/25 11:04	10/11/25 02:41	1
1,4-Dichlorobenzene	0.0011	U	0.0011	0.00057	mg/Kg	☼	10/10/25 11:04	10/11/25 02:41	1
2-Butanone (MEK)	0.0055	U	0.0055	0.00041	mg/Kg	☼	10/10/25 11:04	10/11/25 02:41	1
2-Hexanone	0.0055	U	0.0055	0.0019	mg/Kg	☼	10/10/25 11:04	10/11/25 02:41	1
4-Methyl-2-pentanone (MIBK)	0.0055	U	0.0055	0.0017	mg/Kg	☼	10/10/25 11:04	10/11/25 02:41	1
Acetone	0.0066	U	0.0066	0.0063	mg/Kg	☼	10/10/25 11:04	10/11/25 02:41	1
Benzene	0.0011	U	0.0011	0.00062	mg/Kg	☼	10/10/25 11:04	10/11/25 02:41	1
Bromoform	0.0011	U	0.0011	0.00047	mg/Kg	☼	10/10/25 11:04	10/11/25 02:41	1
Bromomethane	0.0022	U	0.0022	0.0011	mg/Kg	☼	10/10/25 11:04	10/11/25 02:41	1
Carbon disulfide	0.0011	U	0.0011	0.00029	mg/Kg	☼	10/10/25 11:04	10/11/25 02:41	1
Carbon tetrachloride	0.0011	U	0.0011	0.00043	mg/Kg	☼	10/10/25 11:04	10/11/25 02:41	1
Chlorobenzene	0.0011	U	0.0011	0.00056	mg/Kg	☼	10/10/25 11:04	10/11/25 02:41	1
Chlorobromomethane	0.0011	U	0.0011	0.00066	mg/Kg	☼	10/10/25 11:04	10/11/25 02:41	1
Chlorodibromomethane	0.0011	U	0.0011	0.00059	mg/Kg	☼	10/10/25 11:04	10/11/25 02:41	1
Chloroethane	0.0011	U	0.0011	0.00058	mg/Kg	☼	10/10/25 11:04	10/11/25 02:41	1
Chloroform	0.0011	U	0.0011	0.0011	mg/Kg	☼	10/10/25 11:04	10/11/25 02:41	1
Chloromethane	0.0011	U	0.0011	0.00048	mg/Kg	☼	10/10/25 11:04	10/11/25 02:41	1
cis-1,2-Dichloroethene	0.0011	U	0.0011	0.00039	mg/Kg	☼	10/10/25 11:04	10/11/25 02:41	1
cis-1,3-Dichloropropene	0.0011	U	0.0011	0.00030	mg/Kg	☼	10/10/25 11:04	10/11/25 02:41	1
Cyclohexane	0.0011	U	0.0011	0.00024	mg/Kg	☼	10/10/25 11:04	10/11/25 02:41	1
Dichlorobromomethane	0.0011	U	0.0011	0.00028	mg/Kg	☼	10/10/25 11:04	10/11/25 02:41	1
Dichlorodifluoromethane	0.0011	U	0.0011	0.00037	mg/Kg	☼	10/10/25 11:04	10/11/25 02:41	1
Ethylbenzene	0.0011	U	0.0011	0.00052	mg/Kg	☼	10/10/25 11:04	10/11/25 02:41	1
Ethylene Dibromide	0.0011	U	0.0011	0.00056	mg/Kg	☼	10/10/25 11:04	10/11/25 02:41	1
Isopropylbenzene	0.0011	U	0.0011	0.00031	mg/Kg	☼	10/10/25 11:04	10/11/25 02:41	1
Methyl acetate	0.0055	U	0.0055	0.0047	mg/Kg	☼	10/10/25 11:04	10/11/25 02:41	1
Methyl tert-butyl ether	0.0011	U	0.0011	0.00056	mg/Kg	☼	10/10/25 11:04	10/11/25 02:41	1
Methylcyclohexane	0.0011	U	0.0011	0.00055	mg/Kg	☼	10/10/25 11:04	10/11/25 02:41	1
Methylene Chloride	0.0022	U	0.0022	0.0013	mg/Kg	☼	10/10/25 11:04	10/11/25 02:41	1
m-Xylene & p-Xylene	0.0011	U	0.0011	0.00047	mg/Kg	☼	10/10/25 11:04	10/11/25 02:41	1
n-Butylbenzene	0.0011	U	0.0011	0.00032	mg/Kg	☼	10/10/25 11:04	10/11/25 02:41	1
N-Propylbenzene	0.0011	U	0.0011	0.00049	mg/Kg	☼	10/10/25 11:04	10/11/25 02:41	1
o-Xylene	0.0011	U	0.0011	0.00051	mg/Kg	☼	10/10/25 11:04	10/11/25 02:41	1
sec-Butylbenzene	0.0011	U	0.0011	0.00032	mg/Kg	☼	10/10/25 11:04	10/11/25 02:41	1
Styrene	0.0011	U	0.0011	0.00031	mg/Kg	☼	10/10/25 11:04	10/11/25 02:41	1
tert-Butylbenzene	0.0011	U	0.0011	0.00030	mg/Kg	☼	10/10/25 11:04	10/11/25 02:41	1
Tetrachloroethene	0.0011	U	0.0011	0.00034	mg/Kg	☼	10/10/25 11:04	10/11/25 02:41	1
Toluene	0.0011	U	0.0011	0.00026	mg/Kg	☼	10/10/25 11:04	10/11/25 02:41	1
trans-1,2-Dichloroethene	0.0011	U	0.0011	0.00027	mg/Kg	☼	10/10/25 11:04	10/11/25 02:41	1
trans-1,3-Dichloropropene	0.0011	U	0.0011	0.00029	mg/Kg	☼	10/10/25 11:04	10/11/25 02:41	1
Trichloroethene	0.0011	U	0.0011	0.00035	mg/Kg	☼	10/10/25 11:04	10/11/25 02:41	1
Trichlorofluoromethane	0.0011	U	0.0011	0.00045	mg/Kg	☼	10/10/25 11:04	10/11/25 02:41	1
Vinyl chloride	0.0011	U	0.0011	0.00060	mg/Kg	☼	10/10/25 11:04	10/11/25 02:41	1
Xylenes, Total	0.0022	U	0.0022	0.00019	mg/Kg	☼	10/10/25 11:04	10/11/25 02:41	1

Client Sample ID: 49A3_9-10

Lab Sample ID: 460-336648-92

Date Collected: 10/07/25 15:15
Matrix: Solid
Date Received: 10/07/25 17:15
Percent Solids: 99.7

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,2-Dichloroethane-d4 (Surr)	*90*		*65 - 138*	*10/10/25 11:04*	*10/11/25 02:41*	*1*
4-Bromofluorobenzene	*95*		*71 - 128*	*10/10/25 11:04*	*10/11/25 02:41*	*1*
Dibromofluoromethane (Surr)	*96*		*50 - 150*	*10/10/25 11:04*	*10/11/25 02:41*	*1*
Toluene-d8 (Surr)	*101*		*71 - 126*	*10/10/25 11:04*	*10/11/25 02:41*	*1*

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Percent Moisture (EPA Moisture)	1.0	U	1.0	1.0	%			10/12/25 15:03	1
Percent Solids (EPA Moisture)	**99.7**		1.0	1.0	%			10/12/25 15:03	1

Client Sample ID: 49B1_1-2

Lab Sample ID: 460-336648-93

Date Collected: 10/07/25 15:20
Matrix: Solid
Date Received: 10/07/25 17:15
Percent Solids: 98.3

Method: SW846 8260D - Volatile Organic Compounds by GC/MS

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1-Trichloroethane	0.0016	U	0.0016	0.00037	mg/Kg	☼	10/10/25 11:04	10/11/25 03:05	1
1,1,2,2-Tetrachloroethane	0.0016	U	0.0016	0.00082	mg/Kg	☼	10/10/25 11:04	10/11/25 03:05	1
1,1,2-Trichloro-1,2,2-trifluoroethane	0.0016	U	0.0016	0.00047	mg/Kg	☼	10/10/25 11:04	10/11/25 03:05	1
1,1,2-Trichloroethane	0.0016	U	0.0016	0.00094	mg/Kg	☼	10/10/25 11:04	10/11/25 03:05	1
1,1-Dichloroethane	0.0016	U	0.0016	0.00094	mg/Kg	☼	10/10/25 11:04	10/11/25 03:05	1
1,1-Dichloroethene	0.0016	U	0.0016	0.00035	mg/Kg	☼	10/10/25 11:04	10/11/25 03:05	1
1,2,3-Trichlorobenzene	0.0016	U	0.0016	0.0012	mg/Kg	☼	10/10/25 11:04	10/11/25 03:05	1
1,2,4-Trichlorobenzene	0.0016	U	0.0016	0.00056	mg/Kg	☼	10/10/25 11:04	10/11/25 03:05	1
1,2,4-Trimethylbenzene	0.0016	U	0.0016	0.00039	mg/Kg	☼	10/10/25 11:04	10/11/25 03:05	1
1,2-Dibromo-3-Chloropropane	0.0016	U	0.0016	0.00072	mg/Kg	☼	10/10/25 11:04	10/11/25 03:05	1
1,2-Dichlorobenzene	0.0016	U	0.0016	0.00057	mg/Kg	☼	10/10/25 11:04	10/11/25 03:05	1
1,2-Dichloroethane	0.0016	U	0.0016	0.00046	mg/Kg	☼	10/10/25 11:04	10/11/25 03:05	1
1,2-Dichloropropane	0.0016	U	0.0016	0.00066	mg/Kg	☼	10/10/25 11:04	10/11/25 03:05	1
1,3,5-Trimethylbenzene	0.0016	U	0.0016	0.00049	mg/Kg	☼	10/10/25 11:04	10/11/25 03:05	1
1,3-Dichlorobenzene	0.0016	U	0.0016	0.00057	mg/Kg	☼	10/10/25 11:04	10/11/25 03:05	1
1,4-Dichlorobenzene	0.0016	U	0.0016	0.00081	mg/Kg	☼	10/10/25 11:04	10/11/25 03:05	1
2-Butanone (MEK)	0.0078	U	0.0078	0.00058	mg/Kg	☼	10/10/25 11:04	10/11/25 03:05	1
2-Hexanone	0.0078	U	0.0078	0.0027	mg/Kg	☼	10/10/25 11:04	10/11/25 03:05	1
4-Methyl-2-pentanone (MIBK)	0.0078	U	0.0078	0.0024	mg/Kg	☼	10/10/25 11:04	10/11/25 03:05	1
Acetone	**0.035**		0.0094	0.0090	mg/Kg	☼	10/10/25 11:04	10/11/25 03:05	1
Benzene	0.0016	U	0.0016	0.00089	mg/Kg	☼	10/10/25 11:04	10/11/25 03:05	1
Bromoform	0.0016	U	0.0016	0.00067	mg/Kg	☼	10/10/25 11:04	10/11/25 03:05	1
Bromomethane	0.0031	U	0.0031	0.0016	mg/Kg	☼	10/10/25 11:04	10/11/25 03:05	1
Carbon disulfide	0.0016	U	0.0016	0.00042	mg/Kg	☼	10/10/25 11:04	10/11/25 03:05	1
Carbon tetrachloride	0.0016	U	0.0016	0.00061	mg/Kg	☼	10/10/25 11:04	10/11/25 03:05	1
Chlorobenzene	0.0016	U	0.0016	0.00080	mg/Kg	☼	10/10/25 11:04	10/11/25 03:05	1
Chlorobromomethane	0.0016	U	0.0016	0.00094	mg/Kg	☼	10/10/25 11:04	10/11/25 03:05	1
Chlorodibromomethane	0.0016	U	0.0016	0.00084	mg/Kg	☼	10/10/25 11:04	10/11/25 03:05	1
Chloroethane	0.0016	U	0.0016	0.00082	mg/Kg	☼	10/10/25 11:04	10/11/25 03:05	1
Chloroform	0.0016	U	0.0016	0.0015	mg/Kg	☼	10/10/25 11:04	10/11/25 03:05	1
Chloromethane	0.0016	U	0.0016	0.00068	mg/Kg	☼	10/10/25 11:04	10/11/25 03:05	1
cis-1,2-Dichloroethene	0.0016	U	0.0016	0.00056	mg/Kg	☼	10/10/25 11:04	10/11/25 03:05	1
cis-1,3-Dichloropropene	0.0016	U	0.0016	0.00043	mg/Kg	☼	10/10/25 11:04	10/11/25 03:05	1
Cyclohexane	0.0016	U	0.0016	0.00035	mg/Kg	☼	10/10/25 11:04	10/11/25 03:05	1
Dichlorobromomethane	0.0016	U	0.0016	0.00040	mg/Kg	☼	10/10/25 11:04	10/11/25 03:05	1

Client Sample ID: 49B1_1-2

Lab Sample ID: 460-336648-93

Date Collected: 10/07/25 15:20
Matrix: Solid
Date Received: 10/07/25 17:15
Percent Solids: 98.3

Method: SW846 8260D - Volatile Organic Compounds by GC/MS (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Dichlorodifluoromethane	0.0016	U	0.0016	0.00053	mg/Kg	☼	10/10/25 11:04	10/11/25 03:05	1
Ethylbenzene	0.0016	U	0.0016	0.00073	mg/Kg	☼	10/10/25 11:04	10/11/25 03:05	1
Ethylene Dibromide	0.0016	U	0.0016	0.00079	mg/Kg	☼	10/10/25 11:04	10/11/25 03:05	1
Isopropylbenzene	0.0016	U	0.0016	0.00045	mg/Kg	☼	10/10/25 11:04	10/11/25 03:05	1
Methyl acetate	0.0078	U	0.0078	0.0067	mg/Kg	☼	10/10/25 11:04	10/11/25 03:05	1
Methyl tert-butyl ether	0.0016	U	0.0016	0.00080	mg/Kg	☼	10/10/25 11:04	10/11/25 03:05	1
Methylcyclohexane	0.0016	U	0.0016	0.00078	mg/Kg	☼	10/10/25 11:04	10/11/25 03:05	1
Methylene Chloride	0.0031	U	0.0031	0.0018	mg/Kg	☼	10/10/25 11:04	10/11/25 03:05	1
m-Xylene & p-Xylene	0.0016	U	0.0016	0.00066	mg/Kg	☼	10/10/25 11:04	10/11/25 03:05	1
n-Butylbenzene	0.0016	U	0.0016	0.00046	mg/Kg	☼	10/10/25 11:04	10/11/25 03:05	1
N-Propylbenzene	0.0016	U	0.0016	0.00070	mg/Kg	☼	10/10/25 11:04	10/11/25 03:05	1
o-Xylene	0.0016	U	0.0016	0.00072	mg/Kg	☼	10/10/25 11:04	10/11/25 03:05	1
sec-Butylbenzene	0.0016	U	0.0016	0.00045	mg/Kg	☼	10/10/25 11:04	10/11/25 03:05	1
Styrene	0.0016	U	0.0016	0.00044	mg/Kg	☼	10/10/25 11:04	10/11/25 03:05	1
tert-Butylbenzene	0.0016	U	0.0016	0.00043	mg/Kg	☼	10/10/25 11:04	10/11/25 03:05	1
Tetrachloroethene	0.0016	U	0.0016	0.00048	mg/Kg	☼	10/10/25 11:04	10/11/25 03:05	1
Toluene	0.0016	U	0.0016	0.00037	mg/Kg	☼	10/10/25 11:04	10/11/25 03:05	1
trans-1,2-Dichloroethene	0.0016	U	0.0016	0.00039	mg/Kg	☼	10/10/25 11:04	10/11/25 03:05	1
trans-1,3-Dichloropropene	0.0016	U	0.0016	0.00042	mg/Kg	☼	10/10/25 11:04	10/11/25 03:05	1
Trichloroethene	0.0016	U	0.0016	0.00050	mg/Kg	☼	10/10/25 11:04	10/11/25 03:05	1
Trichlorofluoromethane	0.0016	U	0.0016	0.00064	mg/Kg	☼	10/10/25 11:04	10/11/25 03:05	1
Vinyl chloride	0.0016	U	0.0016	0.00086	mg/Kg	☼	10/10/25 11:04	10/11/25 03:05	1
Xylenes, Total	0.0031	U	0.0031	0.00027	mg/Kg	☼	10/10/25 11:04	10/11/25 03:05	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,2-Dichloroethane-d4 (Surr)	*91*		*65 - 138*	*10/10/25 11:04*	*10/11/25 03:05*	*1*
4-Bromofluorobenzene	*110*		*71 - 128*	*10/10/25 11:04*	*10/11/25 03:05*	*1*
Dibromofluoromethane (Surr)	*101*		*50 - 150*	*10/10/25 11:04*	*10/11/25 03:05*	*1*
Toluene-d8 (Surr)	*112*		*71 - 126*	*10/10/25 11:04*	*10/11/25 03:05*	*1*

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Percent Moisture (EPA Moisture)	**1.7**		1.0	1.0	%			10/12/25 15:03	1
Percent Solids (EPA Moisture)	**98.3**		1.0	1.0	%			10/12/25 15:03	1

Client Sample ID: 49B2_2-3

Lab Sample ID: 460-336648-94

Date Collected: 10/07/25 15:25
Matrix: Solid
Date Received: 10/07/25 17:15
Percent Solids: 99.7

Method: SW846 8260D - Volatile Organic Compounds by GC/MS

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1-Trichloroethane	0.0012	U	0.0012	0.00027	mg/Kg	☼	10/10/25 11:05	10/11/25 03:29	1
1,1,2,2-Tetrachloroethane	0.0012	U	0.0012	0.00061	mg/Kg	☼	10/10/25 11:05	10/11/25 03:29	1
1,1,2-Trichloro-1,2,2-trifluoroethane	0.0012	U	0.0012	0.00035	mg/Kg	☼	10/10/25 11:05	10/11/25 03:29	1
1,1,2-Trichloroethane	0.0012	U	0.0012	0.00071	mg/Kg	☼	10/10/25 11:05	10/11/25 03:29	1
1,1-Dichloroethane	0.0012	U	0.0012	0.00070	mg/Kg	☼	10/10/25 11:05	10/11/25 03:29	1
1,1-Dichloroethene	0.0012	U	0.0012	0.00026	mg/Kg	☼	10/10/25 11:05	10/11/25 03:29	1
1,2,3-Trichlorobenzene	0.0012	U	0.0012	0.00087	mg/Kg	☼	10/10/25 11:05	10/11/25 03:29	1
1,2,4-Trichlorobenzene	0.0012	U	0.0012	0.00042	mg/Kg	☼	10/10/25 11:05	10/11/25 03:29	1
1,2,4-Trimethylbenzene	0.0012	U	0.0012	0.00029	mg/Kg	☼	10/10/25 11:05	10/11/25 03:29	1

Client: Haley & Aldrich, Inc.
Project/Site: Former Port Mobil

Job ID: 460-336648-1

Client Sample ID: 49B2_2-3
Date Collected: 10/07/25 15:25
Date Received: 10/07/25 17:15

Lab Sample ID: 460-336648-94
Matrix: Solid
Percent Solids: 99.7

Method: SW846 8260D - Volatile Organic Compounds by GC/MS (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,2-Dibromo-3-Chloropropane	0.0012	U	0.0012	0.00054	mg/Kg	☼	10/10/25 11:05	10/11/25 03:29	1
1,2-Dichlorobenzene	0.0012	U	0.0012	0.00042	mg/Kg	☼	10/10/25 11:05	10/11/25 03:29	1
1,2-Dichloroethane	0.0012	U	0.0012	0.00035	mg/Kg	☼	10/10/25 11:05	10/11/25 03:29	1
1,2-Dichloropropane	0.0012	U	0.0012	0.00050	mg/Kg	☼	10/10/25 11:05	10/11/25 03:29	1
1,3,5-Trimethylbenzene	0.0012	U	0.0012	0.00037	mg/Kg	☼	10/10/25 11:05	10/11/25 03:29	1
1,3-Dichlorobenzene	0.0012	U	0.0012	0.00043	mg/Kg	☼	10/10/25 11:05	10/11/25 03:29	1
1,4-Dichlorobenzene	0.0012	U	0.0012	0.00061	mg/Kg	☼	10/10/25 11:05	10/11/25 03:29	1
2-Butanone (MEK)	0.0059	U	0.0059	0.00043	mg/Kg	☼	10/10/25 11:05	10/11/25 03:29	1
2-Hexanone	0.0059	U	0.0059	0.0020	mg/Kg	☼	10/10/25 11:05	10/11/25 03:29	1
4-Methyl-2-pentanone (MIBK)	0.0059	U	0.0059	0.0018	mg/Kg	☼	10/10/25 11:05	10/11/25 03:29	1
Acetone	0.0071	U	0.0071	0.0067	mg/Kg	☼	10/10/25 11:05	10/11/25 03:29	1
Benzene	0.0012	U	0.0012	0.00067	mg/Kg	☼	10/10/25 11:05	10/11/25 03:29	1
Bromoform	0.0012	U	0.0012	0.00050	mg/Kg	☼	10/10/25 11:05	10/11/25 03:29	1
Bromomethane	0.0024	U	0.0024	0.0012	mg/Kg	☼	10/10/25 11:05	10/11/25 03:29	1
Carbon disulfide	0.0012	U	0.0012	0.00031	mg/Kg	☼	10/10/25 11:05	10/11/25 03:29	1
Carbon tetrachloride	0.0012	U	0.0012	0.00046	mg/Kg	☼	10/10/25 11:05	10/11/25 03:29	1
Chlorobenzene	0.0012	U	0.0012	0.00060	mg/Kg	☼	10/10/25 11:05	10/11/25 03:29	1
Chlorobromomethane	0.0012	U	0.0012	0.00070	mg/Kg	☼	10/10/25 11:05	10/11/25 03:29	1
Chlorodibromomethane	0.0012	U	0.0012	0.00063	mg/Kg	☼	10/10/25 11:05	10/11/25 03:29	1
Chloroethane	0.0012	U	0.0012	0.00061	mg/Kg	☼	10/10/25 11:05	10/11/25 03:29	1
Chloroform	0.0012	U	0.0012	0.0011	mg/Kg	☼	10/10/25 11:05	10/11/25 03:29	1
Chloromethane	0.0012	U	0.0012	0.00051	mg/Kg	☼	10/10/25 11:05	10/11/25 03:29	1
cis-1,2-Dichloroethene	0.0012	U	0.0012	0.00042	mg/Kg	☼	10/10/25 11:05	10/11/25 03:29	1
cis-1,3-Dichloropropene	0.0012	U	0.0012	0.00032	mg/Kg	☼	10/10/25 11:05	10/11/25 03:29	1
Cyclohexane	0.0012	U	0.0012	0.00026	mg/Kg	☼	10/10/25 11:05	10/11/25 03:29	1
Dichlorobromomethane	0.0012	U	0.0012	0.00030	mg/Kg	☼	10/10/25 11:05	10/11/25 03:29	1
Dichlorodifluoromethane	0.0012	U	0.0012	0.00040	mg/Kg	☼	10/10/25 11:05	10/11/25 03:29	1
Ethylbenzene	0.0012	U	0.0012	0.00055	mg/Kg	☼	10/10/25 11:05	10/11/25 03:29	1
Ethylene Dibromide	0.0012	U	0.0012	0.00059	mg/Kg	☼	10/10/25 11:05	10/11/25 03:29	1
Isopropylbenzene	0.0012	U	0.0012	0.00034	mg/Kg	☼	10/10/25 11:05	10/11/25 03:29	1
Methyl acetate	0.0059	U	0.0059	0.0051	mg/Kg	☼	10/10/25 11:05	10/11/25 03:29	1
Methyl tert-butyl ether	0.0012	U	0.0012	0.00060	mg/Kg	☼	10/10/25 11:05	10/11/25 03:29	1
Methylcyclohexane	0.0012	U	0.0012	0.00059	mg/Kg	☼	10/10/25 11:05	10/11/25 03:29	1
Methylene Chloride	**0.0016**	**J**	0.0024	0.0013	mg/Kg	☼	10/10/25 11:05	10/11/25 03:29	1
m-Xylene & p-Xylene	0.0012	U	0.0012	0.00050	mg/Kg	☼	10/10/25 11:05	10/11/25 03:29	1
n-Butylbenzene	0.0012	U	0.0012	0.00035	mg/Kg	☼	10/10/25 11:05	10/11/25 03:29	1
N-Propylbenzene	0.0012	U	0.0012	0.00053	mg/Kg	☼	10/10/25 11:05	10/11/25 03:29	1
o-Xylene	0.0012	U	0.0012	0.00054	mg/Kg	☼	10/10/25 11:05	10/11/25 03:29	1
sec-Butylbenzene	0.0012	U	0.0012	0.00034	mg/Kg	☼	10/10/25 11:05	10/11/25 03:29	1
Styrene	0.0012	U	0.0012	0.00033	mg/Kg	☼	10/10/25 11:05	10/11/25 03:29	1
tert-Butylbenzene	0.0012	U	0.0012	0.00032	mg/Kg	☼	10/10/25 11:05	10/11/25 03:29	1
Tetrachloroethene	0.0012	U	0.0012	0.00036	mg/Kg	☼	10/10/25 11:05	10/11/25 03:29	1
Toluene	0.0012	U	0.0012	0.00028	mg/Kg	☼	10/10/25 11:05	10/11/25 03:29	1
trans-1,2-Dichloroethene	0.0012	U	0.0012	0.00029	mg/Kg	☼	10/10/25 11:05	10/11/25 03:29	1
trans-1,3-Dichloropropene	0.0012	U	0.0012	0.00031	mg/Kg	☼	10/10/25 11:05	10/11/25 03:29	1
Trichloroethene	0.0012	U	0.0012	0.00038	mg/Kg	☼	10/10/25 11:05	10/11/25 03:29	1
Trichlorofluoromethane	0.0012	U	0.0012	0.00048	mg/Kg	☼	10/10/25 11:05	10/11/25 03:29	1
Vinyl chloride	0.0012	U	0.0012	0.00064	mg/Kg	☼	10/10/25 11:05	10/11/25 03:29	1
Xylenes, Total	0.0024	U	0.0024	0.00020	mg/Kg	☼	10/10/25 11:05	10/11/25 03:29	1

Client Sample ID: 49B2_2-3

Lab Sample ID: 460-336648-94

Date Collected: 10/07/25 15:25
Matrix: Solid
Date Received: 10/07/25 17:15
Percent Solids: 99.7

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,2-Dichloroethane-d4 (Surr)	*91*		*65 - 138*	*10/10/25 11:05*	*10/11/25 03:29*	*1*
4-Bromofluorobenzene	*96*		*71 - 128*	*10/10/25 11:05*	*10/11/25 03:29*	*1*
Dibromofluoromethane (Surr)	*97*		*50 - 150*	*10/10/25 11:05*	*10/11/25 03:29*	*1*
Toluene-d8 (Surr)	*100*		*71 - 126*	*10/10/25 11:05*	*10/11/25 03:29*	*1*

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Percent Moisture (EPA Moisture)	1.0	U	1.0	1.0	%			10/12/25 15:03	1
Percent Solids (EPA Moisture)	**99.7**		1.0	1.0	%			10/12/25 15:03	1

Client Sample ID: 49B3_3-4

Lab Sample ID: 460-336648-95

Date Collected: 10/07/25 15:30
Matrix: Solid
Date Received: 10/07/25 17:15
Percent Solids: 99.8

Method: SW846 8260D - Volatile Organic Compounds by GC/MS

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1-Trichloroethane	0.00080	U	0.00080	0.00019	mg/Kg	☼	10/10/25 11:05	10/11/25 03:53	1
1,1,2,2-Tetrachloroethane	0.00080	U	0.00080	0.00042	mg/Kg	☼	10/10/25 11:05	10/11/25 03:53	1
1,1,2-Trichloro-1,2,2-trifluoroethane	0.00080	U	0.00080	0.00024	mg/Kg	☼	10/10/25 11:05	10/11/25 03:53	1
1,1,2-Trichloroethane	0.00080	U	0.00080	0.00048	mg/Kg	☼	10/10/25 11:05	10/11/25 03:53	1
1,1-Dichloroethane	0.00080	U	0.00080	0.00048	mg/Kg	☼	10/10/25 11:05	10/11/25 03:53	1
1,1-Dichloroethene	0.00080	U	0.00080	0.00018	mg/Kg	☼	10/10/25 11:05	10/11/25 03:53	1
1,2,3-Trichlorobenzene	0.00080	U	0.00080	0.00059	mg/Kg	☼	10/10/25 11:05	10/11/25 03:53	1
1,2,4-Trichlorobenzene	0.00080	U	0.00080	0.00029	mg/Kg	☼	10/10/25 11:05	10/11/25 03:53	1
1,2,4-Trimethylbenzene	0.00080	U	0.00080	0.00020	mg/Kg	☼	10/10/25 11:05	10/11/25 03:53	1
1,2-Dibromo-3-Chloropropane	0.00080	U	0.00080	0.00037	mg/Kg	☼	10/10/25 11:05	10/11/25 03:53	1
1,2-Dichlorobenzene	0.00080	U	0.00080	0.00029	mg/Kg	☼	10/10/25 11:05	10/11/25 03:53	1
1,2-Dichloroethane	0.00080	U	0.00080	0.00024	mg/Kg	☼	10/10/25 11:05	10/11/25 03:53	1
1,2-Dichloropropane	0.00080	U	0.00080	0.00034	mg/Kg	☼	10/10/25 11:05	10/11/25 03:53	1
1,3,5-Trimethylbenzene	0.00080	U	0.00080	0.00025	mg/Kg	☼	10/10/25 11:05	10/11/25 03:53	1
1,3-Dichlorobenzene	0.00080	U	0.00080	0.00029	mg/Kg	☼	10/10/25 11:05	10/11/25 03:53	1
1,4-Dichlorobenzene	0.00080	U	0.00080	0.00041	mg/Kg	☼	10/10/25 11:05	10/11/25 03:53	1
2-Butanone (MEK)	0.0040	U	0.0040	0.00029	mg/Kg	☼	10/10/25 11:05	10/11/25 03:53	1
2-Hexanone	0.0040	U	0.0040	0.0014	mg/Kg	☼	10/10/25 11:05	10/11/25 03:53	1
4-Methyl-2-pentanone (MIBK)	0.0040	U	0.0040	0.0012	mg/Kg	☼	10/10/25 11:05	10/11/25 03:53	1
Acetone	0.0048	U	0.0048	0.0046	mg/Kg	☼	10/10/25 11:05	10/11/25 03:53	1
Benzene	0.00080	U	0.00080	0.00045	mg/Kg	☼	10/10/25 11:05	10/11/25 03:53	1
Bromoform	0.00080	U	0.00080	0.00034	mg/Kg	☼	10/10/25 11:05	10/11/25 03:53	1
Bromomethane	0.0016	U	0.0016	0.00080	mg/Kg	☼	10/10/25 11:05	10/11/25 03:53	1
Carbon disulfide	0.00080	U	0.00080	0.00021	mg/Kg	☼	10/10/25 11:05	10/11/25 03:53	1
Carbon tetrachloride	0.00080	U	0.00080	0.00031	mg/Kg	☼	10/10/25 11:05	10/11/25 03:53	1
Chlorobenzene	0.00080	U	0.00080	0.00040	mg/Kg	☼	10/10/25 11:05	10/11/25 03:53	1
Chlorobromomethane	0.00080	U	0.00080	0.00048	mg/Kg	☼	10/10/25 11:05	10/11/25 03:53	1
Chlorodibromomethane	0.00080	U	0.00080	0.00043	mg/Kg	☼	10/10/25 11:05	10/11/25 03:53	1
Chloroethane	0.00080	U	0.00080	0.00042	mg/Kg	☼	10/10/25 11:05	10/11/25 03:53	1
Chloroform	0.00080	U	0.00080	0.00077	mg/Kg	☼	10/10/25 11:05	10/11/25 03:53	1
Chloromethane	0.00080	U	0.00080	0.00035	mg/Kg	☼	10/10/25 11:05	10/11/25 03:53	1
cis-1,2-Dichloroethene	0.00080	U	0.00080	0.00029	mg/Kg	☼	10/10/25 11:05	10/11/25 03:53	1
cis-1,3-Dichloropropene	0.00080	U	0.00080	0.00022	mg/Kg	☼	10/10/25 11:05	10/11/25 03:53	1
Cyclohexane	0.00080	U	0.00080	0.00018	mg/Kg	☼	10/10/25 11:05	10/11/25 03:53	1
Dichlorobromomethane	0.00080	U	0.00080	0.00020	mg/Kg	☼	10/10/25 11:05	10/11/25 03:53	1

Client Sample ID: 49B3_3-4

Lab Sample ID: 460-336648-95

Date Collected: 10/07/25 15:30
Matrix: Solid
Date Received: 10/07/25 17:15
Percent Solids: 99.8

Method: SW846 8260D - Volatile Organic Compounds by GC/MS (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Dichlorodifluoromethane	0.00080	U	0.00080	0.00027	mg/Kg	☼	10/10/25 11:05	10/11/25 03:53	1
Ethylbenzene	0.00080	U	0.00080	0.00037	mg/Kg	☼	10/10/25 11:05	10/11/25 03:53	1
Ethylene Dibromide	0.00080	U	0.00080	0.00040	mg/Kg	☼	10/10/25 11:05	10/11/25 03:53	1
Isopropylbenzene	0.00080	U	0.00080	0.00023	mg/Kg	☼	10/10/25 11:05	10/11/25 03:53	1
Methyl acetate	0.0040	U	0.0040	0.0034	mg/Kg	☼	10/10/25 11:05	10/11/25 03:53	1
Methyl tert-butyl ether	0.00080	U	0.00080	0.00041	mg/Kg	☼	10/10/25 11:05	10/11/25 03:53	1
Methylcyclohexane	0.00080	U	0.00080	0.00040	mg/Kg	☼	10/10/25 11:05	10/11/25 03:53	1
Methylene Chloride	**0.0011**	**J**	0.0016	0.00091	mg/Kg	☼	10/10/25 11:05	10/11/25 03:53	1
m-Xylene & p-Xylene	0.00080	U	0.00080	0.00034	mg/Kg	☼	10/10/25 11:05	10/11/25 03:53	1
n-Butylbenzene	0.00080	U	0.00080	0.00023	mg/Kg	☼	10/10/25 11:05	10/11/25 03:53	1
N-Propylbenzene	0.00080	U	0.00080	0.00036	mg/Kg	☼	10/10/25 11:05	10/11/25 03:53	1
o-Xylene	0.00080	U	0.00080	0.00037	mg/Kg	☼	10/10/25 11:05	10/11/25 03:53	1
sec-Butylbenzene	0.00080	U	0.00080	0.00023	mg/Kg	☼	10/10/25 11:05	10/11/25 03:53	1
Styrene	0.00080	U	0.00080	0.00022	mg/Kg	☼	10/10/25 11:05	10/11/25 03:53	1
tert-Butylbenzene	0.00080	U	0.00080	0.00022	mg/Kg	☼	10/10/25 11:05	10/11/25 03:53	1
Tetrachloroethene	0.00080	U	0.00080	0.00024	mg/Kg	☼	10/10/25 11:05	10/11/25 03:53	1
Toluene	**0.00032**	**J**	0.00080	0.00019	mg/Kg	☼	10/10/25 11:05	10/11/25 03:53	1
trans-1,2-Dichloroethene	0.00080	U	0.00080	0.00020	mg/Kg	☼	10/10/25 11:05	10/11/25 03:53	1
trans-1,3-Dichloropropene	0.00080	U	0.00080	0.00021	mg/Kg	☼	10/10/25 11:05	10/11/25 03:53	1
Trichloroethene	0.00080	U	0.00080	0.00026	mg/Kg	☼	10/10/25 11:05	10/11/25 03:53	1
Trichlorofluoromethane	0.00080	U	0.00080	0.00032	mg/Kg	☼	10/10/25 11:05	10/11/25 03:53	1
Vinyl chloride	0.00080	U	0.00080	0.00044	mg/Kg	☼	10/10/25 11:05	10/11/25 03:53	1
Xylenes, Total	0.0016	U	0.0016	0.00014	mg/Kg	☼	10/10/25 11:05	10/11/25 03:53	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,2-Dichloroethane-d4 (Surr)	*89*		*65 - 138*	*10/10/25 11:05*	*10/11/25 03:53*	*1*
4-Bromofluorobenzene	*94*		*71 - 128*	*10/10/25 11:05*	*10/11/25 03:53*	*1*
Dibromofluoromethane (Surr)	*96*		*50 - 150*	*10/10/25 11:05*	*10/11/25 03:53*	*1*
Toluene-d8 (Surr)	*101*		*71 - 126*	*10/10/25 11:05*	*10/11/25 03:53*	*1*

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Percent Moisture (EPA Moisture)	1.0	U	1.0	1.0	%			10/12/25 15:03	1
Percent Solids (EPA Moisture)	**99.8**		1.0	1.0	%			10/12/25 15:03	1

Client Sample ID: 49B4_5-6

Lab Sample ID: 460-336648-96

Date Collected: 10/07/25 15:35
Matrix: Solid
Date Received: 10/07/25 17:15
Percent Solids: 99.7

Method: SW846 8260D - Volatile Organic Compounds by GC/MS

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1-Trichloroethane	0.00057	U	0.00057	0.00013	mg/Kg	☼	10/10/25 11:05	10/11/25 04:17	1
1,1,2,2-Tetrachloroethane	0.00057	U	0.00057	0.00030	mg/Kg	☼	10/10/25 11:05	10/11/25 04:17	1
1,1,2-Trichloro-1,2,2-trifluoroethane	0.00057	U	0.00057	0.00017	mg/Kg	☼	10/10/25 11:05	10/11/25 04:17	1
1,1,2-Trichloroethane	0.00057	U	0.00057	0.00034	mg/Kg	☼	10/10/25 11:05	10/11/25 04:17	1
1,1-Dichloroethane	0.00057	U	0.00057	0.00034	mg/Kg	☼	10/10/25 11:05	10/11/25 04:17	1
1,1-Dichloroethene	0.00057	U	0.00057	0.00013	mg/Kg	☼	10/10/25 11:05	10/11/25 04:17	1
1,2,3-Trichlorobenzene	0.00057	U	0.00057	0.00042	mg/Kg	☼	10/10/25 11:05	10/11/25 04:17	1
1,2,4-Trichlorobenzene	0.00057	U	0.00057	0.00020	mg/Kg	☼	10/10/25 11:05	10/11/25 04:17	1
1,2,4-Trimethylbenzene	0.00057	U	0.00057	0.00014	mg/Kg	☼	10/10/25 11:05	10/11/25 04:17	1

Client: Haley & Aldrich, Inc.
Project/Site: Former Port Mobil

Job ID: 460-336648-1

Client Sample ID: 49B4_5-6
Date Collected: 10/07/25 15:35
Date Received: 10/07/25 17:15

Lab Sample ID: 460-336648-96
Matrix: Solid
Percent Solids: 99.7

Method: SW846 8260D - Volatile Organic Compounds by GC/MS (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,2-Dibromo-3-Chloropropane	0.00057	U	0.00057	0.00026	mg/Kg	☼	10/10/25 11:05	10/11/25 04:17	1
1,2-Dichlorobenzene	0.00057	U	0.00057	0.00021	mg/Kg	☼	10/10/25 11:05	10/11/25 04:17	1
1,2-Dichloroethane	0.00057	U	0.00057	0.00017	mg/Kg	☼	10/10/25 11:05	10/11/25 04:17	1
1,2-Dichloropropane	0.00057	U	0.00057	0.00024	mg/Kg	☼	10/10/25 11:05	10/11/25 04:17	1
1,3,5-Trimethylbenzene	0.00057	U	0.00057	0.00018	mg/Kg	☼	10/10/25 11:05	10/11/25 04:17	1
1,3-Dichlorobenzene	0.00057	U	0.00057	0.00021	mg/Kg	☼	10/10/25 11:05	10/11/25 04:17	1
1,4-Dichlorobenzene	0.00057	U	0.00057	0.00030	mg/Kg	☼	10/10/25 11:05	10/11/25 04:17	1
2-Butanone (MEK)	0.0029	U	0.0029	0.00021	mg/Kg	☼	10/10/25 11:05	10/11/25 04:17	1
2-Hexanone	0.0029	U	0.0029	0.00098	mg/Kg	☼	10/10/25 11:05	10/11/25 04:17	1
4-Methyl-2-pentanone (MIBK)	0.0029	U	0.0029	0.00089	mg/Kg	☼	10/10/25 11:05	10/11/25 04:17	1
Acetone	0.0034	U	0.0034	0.0033	mg/Kg	☼	10/10/25 11:05	10/11/25 04:17	1
Benzene	0.00057	U	0.00057	0.00032	mg/Kg	☼	10/10/25 11:05	10/11/25 04:17	1
Bromoform	0.00057	U	0.00057	0.00024	mg/Kg	☼	10/10/25 11:05	10/11/25 04:17	1
Bromomethane	0.0011	U	0.0011	0.00057	mg/Kg	☼	10/10/25 11:05	10/11/25 04:17	1
Carbon disulfide	0.00057	U	0.00057	0.00015	mg/Kg	☼	10/10/25 11:05	10/11/25 04:17	1
Carbon tetrachloride	0.00057	U	0.00057	0.00022	mg/Kg	☼	10/10/25 11:05	10/11/25 04:17	1
Chlorobenzene	0.00057	U	0.00057	0.00029	mg/Kg	☼	10/10/25 11:05	10/11/25 04:17	1
Chlorobromomethane	0.00057	U	0.00057	0.00034	mg/Kg	☼	10/10/25 11:05	10/11/25 04:17	1
Chlorodibromomethane	0.00057	U	0.00057	0.00031	mg/Kg	☼	10/10/25 11:05	10/11/25 04:17	1
Chloroethane	0.00057	U	0.00057	0.00030	mg/Kg	☼	10/10/25 11:05	10/11/25 04:17	1
Chloroform	0.00057	U	0.00057	0.00055	mg/Kg	☼	10/10/25 11:05	10/11/25 04:17	1
Chloromethane	0.00057	U	0.00057	0.00025	mg/Kg	☼	10/10/25 11:05	10/11/25 04:17	1
cis-1,2-Dichloroethene	0.00057	U	0.00057	0.00020	mg/Kg	☼	10/10/25 11:05	10/11/25 04:17	1
cis-1,3-Dichloropropene	0.00057	U	0.00057	0.00016	mg/Kg	☼	10/10/25 11:05	10/11/25 04:17	1
Cyclohexane	0.00057	U	0.00057	0.00013	mg/Kg	☼	10/10/25 11:05	10/11/25 04:17	1
Dichlorobromomethane	0.00057	U	0.00057	0.00015	mg/Kg	☼	10/10/25 11:05	10/11/25 04:17	1
Dichlorodifluoromethane	0.00057	U	0.00057	0.00019	mg/Kg	☼	10/10/25 11:05	10/11/25 04:17	1
Ethylbenzene	0.00057	U	0.00057	0.00027	mg/Kg	☼	10/10/25 11:05	10/11/25 04:17	1
Ethylene Dibromide	0.00057	U	0.00057	0.00029	mg/Kg	☼	10/10/25 11:05	10/11/25 04:17	1
Isopropylbenzene	0.00057	U	0.00057	0.00016	mg/Kg	☼	10/10/25 11:05	10/11/25 04:17	1
Methyl acetate	0.0029	U	0.0029	0.0025	mg/Kg	☼	10/10/25 11:05	10/11/25 04:17	1
Methyl tert-butyl ether	0.00057	U	0.00057	0.00029	mg/Kg	☼	10/10/25 11:05	10/11/25 04:17	1
Methylcyclohexane	0.00057	U	0.00057	0.00028	mg/Kg	☼	10/10/25 11:05	10/11/25 04:17	1
Methylene Chloride	0.0011	U	0.0011	0.00065	mg/Kg	☼	10/10/25 11:05	10/11/25 04:17	1
m-Xylene & p-Xylene	0.00057	U	0.00057	0.00024	mg/Kg	☼	10/10/25 11:05	10/11/25 04:17	1
n-Butylbenzene	0.00057	U	0.00057	0.00017	mg/Kg	☼	10/10/25 11:05	10/11/25 04:17	1
N-Propylbenzene	0.00057	U	0.00057	0.00026	mg/Kg	☼	10/10/25 11:05	10/11/25 04:17	1
o-Xylene	0.00057	U	0.00057	0.00026	mg/Kg	☼	10/10/25 11:05	10/11/25 04:17	1
sec-Butylbenzene	0.00057	U	0.00057	0.00016	mg/Kg	☼	10/10/25 11:05	10/11/25 04:17	1
Styrene	0.00057	U	0.00057	0.00016	mg/Kg	☼	10/10/25 11:05	10/11/25 04:17	1
tert-Butylbenzene	0.00057	U	0.00057	0.00016	mg/Kg	☼	10/10/25 11:05	10/11/25 04:17	1
Tetrachloroethene	0.00057	U	0.00057	0.00017	mg/Kg	☼	10/10/25 11:05	10/11/25 04:17	1
Toluene	0.00057	U	0.00057	0.00013	mg/Kg	☼	10/10/25 11:05	10/11/25 04:17	1
trans-1,2-Dichloroethene	0.00057	U	0.00057	0.00014	mg/Kg	☼	10/10/25 11:05	10/11/25 04:17	1
trans-1,3-Dichloropropene	0.00057	U	0.00057	0.00015	mg/Kg	☼	10/10/25 11:05	10/11/25 04:17	1
Trichloroethene	0.00057	U	0.00057	0.00018	mg/Kg	☼	10/10/25 11:05	10/11/25 04:17	1
Trichlorofluoromethane	0.00057	U	0.00057	0.00023	mg/Kg	☼	10/10/25 11:05	10/11/25 04:17	1
Vinyl chloride	0.00057	U	0.00057	0.00031	mg/Kg	☼	10/10/25 11:05	10/11/25 04:17	1
Xylenes, Total	0.0011	U	0.0011	0.000099	mg/Kg	☼	10/10/25 11:05	10/11/25 04:17	1

Client Sample ID: 49B4_5-6

Lab Sample ID: 460-336648-96

Date Collected: 10/07/25 15:35
Matrix: Solid
Date Received: 10/07/25 17:15
Percent Solids: 99.7

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,2-Dichloroethane-d4 (Surr)	*89*		*65 - 138*	*10/10/25 11:05*	*10/11/25 04:17*	*1*
4-Bromofluorobenzene	*95*		*71 - 128*	*10/10/25 11:05*	*10/11/25 04:17*	*1*
Dibromofluoromethane (Surr)	*97*		*50 - 150*	*10/10/25 11:05*	*10/11/25 04:17*	*1*
Toluene-d8 (Surr)	*101*		*71 - 126*	*10/10/25 11:05*	*10/11/25 04:17*	*1*

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Percent Moisture (EPA Moisture)	1.0	U	1.0	1.0	%			10/12/25 15:03	1
Percent Solids (EPA Moisture)	**99.7**		1.0	1.0	%			10/12/25 15:03	1

Client Sample ID: 49B1_7-8

Lab Sample ID: 460-336648-97

Date Collected: 10/07/25 15:40
Matrix: Solid
Date Received: 10/07/25 17:15
Percent Solids: 99.7

Method: SW846 8260D - Volatile Organic Compounds by GC/MS

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1-Trichloroethane	0.0017	U	0.0017	0.00040	mg/Kg	☼	10/10/25 11:06	10/11/25 07:55	1
1,1,2,2-Tetrachloroethane	0.0017	U	0.0017	0.00089	mg/Kg	☼	10/10/25 11:06	10/11/25 07:55	1
1,1,2-Trichloro-1,2,2-trifluoroethane	0.0017	U	0.0017	0.00051	mg/Kg	☼	10/10/25 11:06	10/11/25 07:55	1
1,1,2-Trichloroethane	0.0017	U	0.0017	0.0010	mg/Kg	☼	10/10/25 11:06	10/11/25 07:55	1
1,1-Dichloroethane	0.0017	U	0.0017	0.0010	mg/Kg	☼	10/10/25 11:06	10/11/25 07:55	1
1,1-Dichloroethene	0.0017	U	0.0017	0.00038	mg/Kg	☼	10/10/25 11:06	10/11/25 07:55	1
1,2,3-Trichlorobenzene	0.0017	U	0.0017	0.0013	mg/Kg	☼	10/10/25 11:06	10/11/25 07:55	1
1,2,4-Trichlorobenzene	0.0017	U	0.0017	0.00061	mg/Kg	☼	10/10/25 11:06	10/11/25 07:55	1
1,2,4-Trimethylbenzene	0.0017	U	0.0017	0.00042	mg/Kg	☼	10/10/25 11:06	10/11/25 07:55	1
1,2-Dibromo-3-Chloropropane	0.0017	U	0.0017	0.00078	mg/Kg	☼	10/10/25 11:06	10/11/25 07:55	1
1,2-Dichlorobenzene	0.0017	U	0.0017	0.00061	mg/Kg	☼	10/10/25 11:06	10/11/25 07:55	1
1,2-Dichloroethane	0.0017	U	0.0017	0.00050	mg/Kg	☼	10/10/25 11:06	10/11/25 07:55	1
1,2-Dichloropropane	0.0017	U	0.0017	0.00072	mg/Kg	☼	10/10/25 11:06	10/11/25 07:55	1
1,3,5-Trimethylbenzene	0.0017	U	0.0017	0.00053	mg/Kg	☼	10/10/25 11:06	10/11/25 07:55	1
1,3-Dichlorobenzene	0.0017	U	0.0017	0.00062	mg/Kg	☼	10/10/25 11:06	10/11/25 07:55	1
1,4-Dichlorobenzene	0.0017	U	0.0017	0.00088	mg/Kg	☼	10/10/25 11:06	10/11/25 07:55	1
2-Butanone (MEK)	0.0085	U	0.0085	0.00063	mg/Kg	☼	10/10/25 11:06	10/11/25 07:55	1
2-Hexanone	0.0085	U	0.0085	0.0029	mg/Kg	☼	10/10/25 11:06	10/11/25 07:55	1
4-Methyl-2-pentanone (MIBK)	0.0085	U	0.0085	0.0026	mg/Kg	☼	10/10/25 11:06	10/11/25 07:55	1
Acetone	0.010	U	0.010	0.0097	mg/Kg	☼	10/10/25 11:06	10/11/25 07:55	1
Benzene	0.0017	U	0.0017	0.00097	mg/Kg	☼	10/10/25 11:06	10/11/25 07:55	1
Bromoform	0.0017	U	0.0017	0.00072	mg/Kg	☼	10/10/25 11:06	10/11/25 07:55	1
Bromomethane	0.0034	U	0.0034	0.0017	mg/Kg	☼	10/10/25 11:06	10/11/25 07:55	1
Carbon disulfide	0.0017	U	0.0017	0.00045	mg/Kg	☼	10/10/25 11:06	10/11/25 07:55	1
Carbon tetrachloride	0.0017	U	0.0017	0.00066	mg/Kg	☼	10/10/25 11:06	10/11/25 07:55	1
Chlorobenzene	0.0017	U	0.0017	0.00086	mg/Kg	☼	10/10/25 11:06	10/11/25 07:55	1
Chlorobromomethane	0.0017	U	0.0017	0.0010	mg/Kg	☼	10/10/25 11:06	10/11/25 07:55	1
Chlorodibromomethane	0.0017	U	0.0017	0.00091	mg/Kg	☼	10/10/25 11:06	10/11/25 07:55	1
Chloroethane	0.0017	U	0.0017	0.00089	mg/Kg	☼	10/10/25 11:06	10/11/25 07:55	1
Chloroform	0.0017	U	0.0017	0.0017	mg/Kg	☼	10/10/25 11:06	10/11/25 07:55	1
Chloromethane	0.0017	U	0.0017	0.00074	mg/Kg	☼	10/10/25 11:06	10/11/25 07:55	1
cis-1,2-Dichloroethene	0.0017	U	0.0017	0.00061	mg/Kg	☼	10/10/25 11:06	10/11/25 07:55	1
cis-1,3-Dichloropropene	0.0017	U	0.0017	0.00047	mg/Kg	☼	10/10/25 11:06	10/11/25 07:55	1
Cyclohexane	0.0017	U	0.0017	0.00038	mg/Kg	☼	10/10/25 11:06	10/11/25 07:55	1
Dichlorobromomethane	0.0017	U	0.0017	0.00044	mg/Kg	☼	10/10/25 11:06	10/11/25 07:55	1

Client Sample ID: 49B1_7-8

Lab Sample ID: 460-336648-97

Date Collected: 10/07/25 15:40
Matrix: Solid
Date Received: 10/07/25 17:15
Percent Solids: 99.7

Method: SW846 8260D - Volatile Organic Compounds by GC/MS (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Dichlorodifluoromethane	0.0017	U	0.0017	0.00058	mg/Kg	☼	10/10/25 11:06	10/11/25 07:55	1
Ethylbenzene	0.0017	U	0.0017	0.00080	mg/Kg	☼	10/10/25 11:06	10/11/25 07:55	1
Ethylene Dibromide	0.0017	U	0.0017	0.00086	mg/Kg	☼	10/10/25 11:06	10/11/25 07:55	1
Isopropylbenzene	0.0017	U	0.0017	0.00049	mg/Kg	☼	10/10/25 11:06	10/11/25 07:55	1
Methyl acetate	0.0085	U	0.0085	0.0073	mg/Kg	☼	10/10/25 11:06	10/11/25 07:55	1
Methyl tert-butyl ether	0.0017	U	0.0017	0.00087	mg/Kg	☼	10/10/25 11:06	10/11/25 07:55	1
Methylcyclohexane	0.0017	U	0.0017	0.00085	mg/Kg	☼	10/10/25 11:06	10/11/25 07:55	1
Methylene Chloride	0.0034	U	0.0034	0.0020	mg/Kg	☼	10/10/25 11:06	10/11/25 07:55	1
m-Xylene & p-Xylene	0.0017	U	0.0017	0.00072	mg/Kg	☼	10/10/25 11:06	10/11/25 07:55	1
n-Butylbenzene	0.0017	U	0.0017	0.00050	mg/Kg	☼	10/10/25 11:06	10/11/25 07:55	1
N-Propylbenzene	0.0017	U	0.0017	0.00076	mg/Kg	☼	10/10/25 11:06	10/11/25 07:55	1
o-Xylene	0.0017	U	0.0017	0.00079	mg/Kg	☼	10/10/25 11:06	10/11/25 07:55	1
sec-Butylbenzene	0.0017	U	0.0017	0.00049	mg/Kg	☼	10/10/25 11:06	10/11/25 07:55	1
Styrene	0.0017	U	0.0017	0.00047	mg/Kg	☼	10/10/25 11:06	10/11/25 07:55	1
tert-Butylbenzene	0.0017	U	0.0017	0.00047	mg/Kg	☼	10/10/25 11:06	10/11/25 07:55	1
Tetrachloroethene	0.0017	U	0.0017	0.00052	mg/Kg	☼	10/10/25 11:06	10/11/25 07:55	1
Toluene	0.0017	U	0.0017	0.00040	mg/Kg	☼	10/10/25 11:06	10/11/25 07:55	1
trans-1,2-Dichloroethene	0.0017	U	0.0017	0.00042	mg/Kg	☼	10/10/25 11:06	10/11/25 07:55	1
trans-1,3-Dichloropropene	0.0017	U	0.0017	0.00045	mg/Kg	☼	10/10/25 11:06	10/11/25 07:55	1
Trichloroethene	0.0017	U	0.0017	0.00055	mg/Kg	☼	10/10/25 11:06	10/11/25 07:55	1
Trichlorofluoromethane	0.0017	U	0.0017	0.00069	mg/Kg	☼	10/10/25 11:06	10/11/25 07:55	1
Vinyl chloride	0.0017	U	0.0017	0.00093	mg/Kg	☼	10/10/25 11:06	10/11/25 07:55	1
Xylenes, Total	0.0034	U	0.0034	0.00030	mg/Kg	☼	10/10/25 11:06	10/11/25 07:55	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,2-Dichloroethane-d4 (Surr)	*89*		*65 - 138*	*10/10/25 11:06*	*10/11/25 07:55*	*1*
4-Bromofluorobenzene	*95*		*71 - 128*	*10/10/25 11:06*	*10/11/25 07:55*	*1*
Dibromofluoromethane (Surr)	*98*		*50 - 150*	*10/10/25 11:06*	*10/11/25 07:55*	*1*
Toluene-d8 (Surr)	*101*		*71 - 126*	*10/10/25 11:06*	*10/11/25 07:55*	*1*

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Percent Moisture (EPA Moisture)	1.0	U	1.0	1.0	%			10/12/25 15:03	1
Percent Solids (EPA Moisture)	**99.7**		1.0	1.0	%			10/12/25 15:03	1

Client Sample ID: 49B2_8-9

Lab Sample ID: 460-336648-98

Date Collected: 10/07/25 15:45
Matrix: Solid
Date Received: 10/07/25 17:15
Percent Solids: 99.6

Method: SW846 8260D - Volatile Organic Compounds by GC/MS

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1-Trichloroethane	0.0012	U	0.0012	0.00027	mg/Kg	☼	10/10/25 11:06	10/11/25 08:19	1
1,1,2,2-Tetrachloroethane	0.0012	U	0.0012	0.00060	mg/Kg	☼	10/10/25 11:06	10/11/25 08:19	1
1,1,2-Trichloro-1,2,2-trifluoroethane	0.0012	U	0.0012	0.00035	mg/Kg	☼	10/10/25 11:06	10/11/25 08:19	1
1,1,2-Trichloroethane	0.0012	U	0.0012	0.00069	mg/Kg	☼	10/10/25 11:06	10/11/25 08:19	1
1,1-Dichloroethane	0.0012	U	0.0012	0.00069	mg/Kg	☼	10/10/25 11:06	10/11/25 08:19	1
1,1-Dichloroethene	0.0012	U	0.0012	0.00026	mg/Kg	☼	10/10/25 11:06	10/11/25 08:19	1
1,2,3-Trichlorobenzene	0.0012	U	0.0012	0.00085	mg/Kg	☼	10/10/25 11:06	10/11/25 08:19	1
1,2,4-Trichlorobenzene	0.0012	U	0.0012	0.00041	mg/Kg	☼	10/10/25 11:06	10/11/25 08:19	1
1,2,4-Trimethylbenzene	0.0012	U	0.0012	0.00028	mg/Kg	☼	10/10/25 11:06	10/11/25 08:19	1

Client: Haley & Aldrich, Inc.
Project/Site: Former Port Mobil

Job ID: 460-336648-1

Client Sample ID: 49B2_8-9
Date Collected: 10/07/25 15:45
Date Received: 10/07/25 17:15

Lab Sample ID: 460-336648-98
Matrix: Solid
Percent Solids: 99.6

Method: SW846 8260D - Volatile Organic Compounds by GC/MS (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,2-Dibromo-3-Chloropropane	0.0012	U	0.0012	0.00053	mg/Kg	☼	10/10/25 11:06	10/11/25 08:19	1
1,2-Dichlorobenzene	0.0012	U	0.0012	0.00042	mg/Kg	☼	10/10/25 11:06	10/11/25 08:19	1
1,2-Dichloroethane	0.0012	U	0.0012	0.00034	mg/Kg	☼	10/10/25 11:06	10/11/25 08:19	1
1,2-Dichloropropane	0.0012	U	0.0012	0.00049	mg/Kg	☼	10/10/25 11:06	10/11/25 08:19	1
1,3,5-Trimethylbenzene	0.0012	U	0.0012	0.00036	mg/Kg	☼	10/10/25 11:06	10/11/25 08:19	1
1,3-Dichlorobenzene	0.0012	U	0.0012	0.00042	mg/Kg	☼	10/10/25 11:06	10/11/25 08:19	1
1,4-Dichlorobenzene	0.0012	U	0.0012	0.00060	mg/Kg	☼	10/10/25 11:06	10/11/25 08:19	1
2-Butanone (MEK)	0.0058	U	0.0058	0.00043	mg/Kg	☼	10/10/25 11:06	10/11/25 08:19	1
2-Hexanone	0.0058	U	0.0058	0.0020	mg/Kg	☼	10/10/25 11:06	10/11/25 08:19	1
4-Methyl-2-pentanone (MIBK)	0.0058	U	0.0058	0.0018	mg/Kg	☼	10/10/25 11:06	10/11/25 08:19	1
Acetone	0.0069	U	0.0069	0.0066	mg/Kg	☼	10/10/25 11:06	10/11/25 08:19	1
Benzene	0.0012	U	0.0012	0.00065	mg/Kg	☼	10/10/25 11:06	10/11/25 08:19	1
Bromoform	0.0012	U	0.0012	0.00049	mg/Kg	☼	10/10/25 11:06	10/11/25 08:19	1
Bromomethane	0.0023	U	0.0023	0.0012	mg/Kg	☼	10/10/25 11:06	10/11/25 08:19	1
Carbon disulfide	0.0012	U	0.0012	0.00031	mg/Kg	☼	10/10/25 11:06	10/11/25 08:19	1
Carbon tetrachloride	0.0012	U	0.0012	0.00045	mg/Kg	☼	10/10/25 11:06	10/11/25 08:19	1
Chlorobenzene	0.0012	U	0.0012	0.00059	mg/Kg	☼	10/10/25 11:06	10/11/25 08:19	1
Chlorobromomethane	0.0012	U	0.0012	0.00069	mg/Kg	☼	10/10/25 11:06	10/11/25 08:19	1
Chlorodibromomethane	0.0012	U	0.0012	0.00062	mg/Kg	☼	10/10/25 11:06	10/11/25 08:19	1
Chloroethane	0.0012	U	0.0012	0.00060	mg/Kg	☼	10/10/25 11:06	10/11/25 08:19	1
Chloroform	0.0012	U	0.0012	0.0011	mg/Kg	☼	10/10/25 11:06	10/11/25 08:19	1
Chloromethane	0.0012	U	0.0012	0.00050	mg/Kg	☼	10/10/25 11:06	10/11/25 08:19	1
cis-1,2-Dichloroethene	0.0012	U	0.0012	0.00041	mg/Kg	☼	10/10/25 11:06	10/11/25 08:19	1
cis-1,3-Dichloropropene	0.0012	U	0.0012	0.00032	mg/Kg	☼	10/10/25 11:06	10/11/25 08:19	1
Cyclohexane	0.0012	U	0.0012	0.00026	mg/Kg	☼	10/10/25 11:06	10/11/25 08:19	1
Dichlorobromomethane	0.0012	U	0.0012	0.00030	mg/Kg	☼	10/10/25 11:06	10/11/25 08:19	1
Dichlorodifluoromethane	0.0012	U	0.0012	0.00039	mg/Kg	☼	10/10/25 11:06	10/11/25 08:19	1
Ethylbenzene	0.0012	U	0.0012	0.00054	mg/Kg	☼	10/10/25 11:06	10/11/25 08:19	1
Ethylene Dibromide	0.0012	U	0.0012	0.00058	mg/Kg	☼	10/10/25 11:06	10/11/25 08:19	1
Isopropylbenzene	0.0012	U	0.0012	0.00033	mg/Kg	☼	10/10/25 11:06	10/11/25 08:19	1
Methyl acetate	0.0058	U	0.0058	0.0050	mg/Kg	☼	10/10/25 11:06	10/11/25 08:19	1
Methyl tert-butyl ether	0.0012	U	0.0012	0.00059	mg/Kg	☼	10/10/25 11:06	10/11/25 08:19	1
Methylcyclohexane	0.0012	U	0.0012	0.00058	mg/Kg	☼	10/10/25 11:06	10/11/25 08:19	1
Methylene Chloride	0.0023	U	0.0023	0.0013	mg/Kg	☼	10/10/25 11:06	10/11/25 08:19	1
m-Xylene & p-Xylene	0.0012	U	0.0012	0.00049	mg/Kg	☼	10/10/25 11:06	10/11/25 08:19	1
n-Butylbenzene	0.0012	U	0.0012	0.00034	mg/Kg	☼	10/10/25 11:06	10/11/25 08:19	1
N-Propylbenzene	0.0012	U	0.0012	0.00052	mg/Kg	☼	10/10/25 11:06	10/11/25 08:19	1
o-Xylene	0.0012	U	0.0012	0.00053	mg/Kg	☼	10/10/25 11:06	10/11/25 08:19	1
sec-Butylbenzene	0.0012	U	0.0012	0.00033	mg/Kg	☼	10/10/25 11:06	10/11/25 08:19	1
Styrene	0.0012	U	0.0012	0.00032	mg/Kg	☼	10/10/25 11:06	10/11/25 08:19	1
tert-Butylbenzene	0.0012	U	0.0012	0.00032	mg/Kg	☼	10/10/25 11:06	10/11/25 08:19	1
Tetrachloroethene	0.0012	U	0.0012	0.00035	mg/Kg	☼	10/10/25 11:06	10/11/25 08:19	1
Toluene	**0.00057**	**J**	0.0012	0.00027	mg/Kg	☼	10/10/25 11:06	10/11/25 08:19	1
trans-1,2-Dichloroethene	0.0012	U	0.0012	0.00028	mg/Kg	☼	10/10/25 11:06	10/11/25 08:19	1
trans-1,3-Dichloropropene	0.0012	U	0.0012	0.00031	mg/Kg	☼	10/10/25 11:06	10/11/25 08:19	1
Trichloroethene	0.0012	U	0.0012	0.00037	mg/Kg	☼	10/10/25 11:06	10/11/25 08:19	1
Trichlorofluoromethane	0.0012	U	0.0012	0.00047	mg/Kg	☼	10/10/25 11:06	10/11/25 08:19	1
Vinyl chloride	0.0012	U	0.0012	0.00063	mg/Kg	☼	10/10/25 11:06	10/11/25 08:19	1
Xylenes, Total	0.0023	U	0.0023	0.00020	mg/Kg	☼	10/10/25 11:06	10/11/25 08:19	1

Client Sample ID: 49B2_8-9

Lab Sample ID: 460-336648-98

Date Collected: 10/07/25 15:45
Matrix: Solid
Date Received: 10/07/25 17:15
Percent Solids: 99.6

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
1,2-Dichloroethane-d4 (Surr)	*89*		*65 - 138*	*10/10/25 11:06*	*10/11/25 08:19*	*1*
4-Bromofluorobenzene	*100*		*71 - 128*	*10/10/25 11:06*	*10/11/25 08:19*	*1*
Dibromofluoromethane (Surr)	*96*		*50 - 150*	*10/10/25 11:06*	*10/11/25 08:19*	*1*
Toluene-d8 (Surr)	*105*		*71 - 126*	*10/10/25 11:06*	*10/11/25 08:19*	*1*

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Percent Moisture (EPA Moisture)	1.0	U	1.0	1.0	%			10/12/25 15:03	1
Percent Solids (EPA Moisture)	**99.6**		1.0	1.0	%			10/12/25 15:03	1

Client Sample ID: 49B2_9-10

Lab Sample ID: 460-336648-99

Date Collected: 10/07/25 15:50
Matrix: Solid
Date Received: 10/07/25 17:15
Percent Solids: 99.5

Method: SW846 8260D - Volatile Organic Compounds by GC/MS

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1-Trichloroethane	0.00093	U	0.00093	0.00022	mg/Kg	☼	10/10/25 11:06	10/11/25 17:15	1
1,1,2,2-Tetrachloroethane	0.00093	U	0.00093	0.00049	mg/Kg	☼	10/10/25 11:06	10/11/25 17:15	1
1,1,2-Trichloro-1,2,2-trifluoroethane	0.00093	U	0.00093	0.00028	mg/Kg	☼	10/10/25 11:06	10/11/25 17:15	1
1,1,2-Trichloroethane	0.00093	U	0.00093	0.00056	mg/Kg	☼	10/10/25 11:06	10/11/25 17:15	1
1,1-Dichloroethane	0.00093	U	0.00093	0.00056	mg/Kg	☼	10/10/25 11:06	10/11/25 17:15	1
1,1-Dichloroethene	0.00093	U	0.00093	0.00021	mg/Kg	☼	10/10/25 11:06	10/11/25 17:15	1
1,2,3-Trichlorobenzene	0.00093	U	0.00093	0.00069	mg/Kg	☼	10/10/25 11:06	10/11/25 17:15	1
1,2,4-Trichlorobenzene	0.00093	U	0.00093	0.00033	mg/Kg	☼	10/10/25 11:06	10/11/25 17:15	1
1,2,4-Trimethylbenzene	0.00093	U	0.00093	0.00023	mg/Kg	☼	10/10/25 11:06	10/11/25 17:15	1
1,2-Dibromo-3-Chloropropane	0.00093	U	0.00093	0.00043	mg/Kg	☼	10/10/25 11:06	10/11/25 17:15	1
1,2-Dichlorobenzene	0.00093	U	0.00093	0.00034	mg/Kg	☼	10/10/25 11:06	10/11/25 17:15	1
1,2-Dichloroethane	0.00093	U	0.00093	0.00028	mg/Kg	☼	10/10/25 11:06	10/11/25 17:15	1
1,2-Dichloropropane	0.00093	U	0.00093	0.00039	mg/Kg	☼	10/10/25 11:06	10/11/25 17:15	1
1,3,5-Trimethylbenzene	0.00093	U	0.00093	0.00029	mg/Kg	☼	10/10/25 11:06	10/11/25 17:15	1
1,3-Dichlorobenzene	0.00093	U	0.00093	0.00034	mg/Kg	☼	10/10/25 11:06	10/11/25 17:15	1
1,4-Dichlorobenzene	0.00093	U	0.00093	0.00048	mg/Kg	☼	10/10/25 11:06	10/11/25 17:15	1
2-Butanone (MEK)	0.0047	U	0.0047	0.00034	mg/Kg	☼	10/10/25 11:06	10/11/25 17:15	1
2-Hexanone	0.0047	U	0.0047	0.0016	mg/Kg	☼	10/10/25 11:06	10/11/25 17:15	1
4-Methyl-2-pentanone (MIBK)	0.0047	U	0.0047	0.0014	mg/Kg	☼	10/10/25 11:06	10/11/25 17:15	1
Acetone	**0.0053**	**J**	0.0056	0.0053	mg/Kg	☼	10/10/25 11:06	10/11/25 17:15	1
Benzene	0.00093	U	0.00093	0.00053	mg/Kg	☼	10/10/25 11:06	10/11/25 17:15	1
Bromoform	0.00093	U	0.00093	0.00040	mg/Kg	☼	10/10/25 11:06	10/11/25 17:15	1
Bromomethane	0.0019	U	0.0019	0.00093	mg/Kg	☼	10/10/25 11:06	10/11/25 17:15	1
Carbon disulfide	0.00093	U	0.00093	0.00025	mg/Kg	☼	10/10/25 11:06	10/11/25 17:15	1
Carbon tetrachloride	0.00093	U	0.00093	0.00036	mg/Kg	☼	10/10/25 11:06	10/11/25 17:15	1
Chlorobenzene	0.00093	U	0.00093	0.00047	mg/Kg	☼	10/10/25 11:06	10/11/25 17:15	1
Chlorobromomethane	0.00093	U	0.00093	0.00056	mg/Kg	☼	10/10/25 11:06	10/11/25 17:15	1
Chlorodibromomethane	0.00093	U	0.00093	0.00050	mg/Kg	☼	10/10/25 11:06	10/11/25 17:15	1
Chloroethane	0.00093	U	0.00093	0.00049	mg/Kg	☼	10/10/25 11:06	10/11/25 17:15	1
Chloroform	0.00093	U	0.00093	0.00090	mg/Kg	☼	10/10/25 11:06	10/11/25 17:15	1
Chloromethane	0.00093	U	0.00093	0.00041	mg/Kg	☼	10/10/25 11:06	10/11/25 17:15	1
cis-1,2-Dichloroethene	0.00093	U	0.00093	0.00033	mg/Kg	☼	10/10/25 11:06	10/11/25 17:15	1
cis-1,3-Dichloropropene	0.00093	U	0.00093	0.00025	mg/Kg	☼	10/10/25 11:06	10/11/25 17:15	1
Cyclohexane	0.00093	U	0.00093	0.00021	mg/Kg	☼	10/10/25 11:06	10/11/25 17:15	1
Dichlorobromomethane	0.00093	U	0.00093	0.00024	mg/Kg	☼	10/10/25 11:06	10/11/25 17:15	1

Client: Haley & Aldrich, Inc.
Project/Site: Former Port Mobil

Job ID: 460-336648-1

Client Sample ID: 49B2_9-10
Date Collected: 10/07/25 15:50
Date Received: 10/07/25 17:15

Lab Sample ID: 460-336648-99
Matrix: Solid
Percent Solids: 99.5

Method: SW846 8260D - Volatile Organic Compounds by GC/MS (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Dichlorodifluoromethane	0.00093	U	0.00093	0.00031	mg/Kg	☼	10/10/25 11:06	10/11/25 17:15	1
Ethylbenzene	0.00093	U	0.00093	0.00044	mg/Kg	☼	10/10/25 11:06	10/11/25 17:15	1
Ethylene Dibromide	0.00093	U	0.00093	0.00047	mg/Kg	☼	10/10/25 11:06	10/11/25 17:15	1
Isopropylbenzene	0.00093	U	0.00093	0.00027	mg/Kg	☼	10/10/25 11:06	10/11/25 17:15	1
Methyl acetate	0.0047	U	0.0047	0.0040	mg/Kg	☼	10/10/25 11:06	10/11/25 17:15	1
Methyl tert-butyl ether	0.00093	U	0.00093	0.00048	mg/Kg	☼	10/10/25 11:06	10/11/25 17:15	1
Methylcyclohexane	0.00093	U	0.00093	0.00046	mg/Kg	☼	10/10/25 11:06	10/11/25 17:15	1
Methylene Chloride	0.0019	U	0.0019	0.0011	mg/Kg	☼	10/10/25 11:06	10/11/25 17:15	1
m-Xylene & p-Xylene	0.00093	U	0.00093	0.00039	mg/Kg	☼	10/10/25 11:06	10/11/25 17:15	1
n-Butylbenzene	0.00093	U	0.00093	0.00027	mg/Kg	☼	10/10/25 11:06	10/11/25 17:15	1
N-Propylbenzene	0.00093	U	0.00093	0.00042	mg/Kg	☼	10/10/25 11:06	10/11/25 17:15	1
o-Xylene	0.00093	U	0.00093	0.00043	mg/Kg	☼	10/10/25 11:06	10/11/25 17:15	1
sec-Butylbenzene	0.00093	U	0.00093	0.00027	mg/Kg	☼	10/10/25 11:06	10/11/25 17:15	1
Styrene	0.00093	U	0.00093	0.00026	mg/Kg	☼	10/10/25 11:06	10/11/25 17:15	1
tert-Butylbenzene	0.00093	U	0.00093	0.00026	mg/Kg	☼	10/10/25 11:06	10/11/25 17:15	1
Tetrachloroethene	0.00093	U	0.00093	0.00028	mg/Kg	☼	10/10/25 11:06	10/11/25 17:15	1
Toluene	**0.00039**	**J**	0.00093	0.00022	mg/Kg	☼	10/10/25 11:06	10/11/25 17:15	1
trans-1,2-Dichloroethene	0.00093	U	0.00093	0.00023	mg/Kg	☼	10/10/25 11:06	10/11/25 17:15	1
trans-1,3-Dichloropropene	0.00093	U	0.00093	0.00025	mg/Kg	☼	10/10/25 11:06	10/11/25 17:15	1
Trichloroethene	0.00093	U	0.00093	0.00030	mg/Kg	☼	10/10/25 11:06	10/11/25 17:15	1
Trichlorofluoromethane	0.00093	U	0.00093	0.00038	mg/Kg	☼	10/10/25 11:06	10/11/25 17:15	1
Vinyl chloride	0.00093	U	0.00093	0.00051	mg/Kg	☼	10/10/25 11:06	10/11/25 17:15	1
Xylenes, Total	0.0019	U	0.0019	0.00016	mg/Kg	☼	10/10/25 11:06	10/11/25 17:15	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,2-Dichloroethane-d4 (Surr)	*88*		*65 - 138*	*10/10/25 11:06*	*10/11/25 17:15*	*1*
4-Bromofluorobenzene	*95*		*71 - 128*	*10/10/25 11:06*	*10/11/25 17:15*	*1*
Dibromofluoromethane (Surr)	*96*		*50 - 150*	*10/10/25 11:06*	*10/11/25 17:15*	*1*
Toluene-d8 (Surr)	*101*		*71 - 126*	*10/10/25 11:06*	*10/11/25 17:15*	*1*

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Percent Moisture (EPA Moisture)	1.0	U	1.0	1.0	%			10/12/25 15:03	1
Percent Solids (EPA Moisture)	**99.5**		1.0	1.0	%			10/12/25 15:03	1

Surrogate Summary

Client: Haley & Aldrich, Inc.
Project/Site: Former Port Mobil

Job ID: 460-336648-1

Method: 8260D - Volatile Organic Compounds by GC/MS

Matrix: Solid

Prep Type: Total/NA

		Percent Surrogate Recovery (Acceptance Limits)			
		DCA	BFB	DBFM	TOL
Lab Sample ID	Client Sample ID	(65-138)	(71-128)	(50-150)	(71-126)
460-336648-23	44A1_1-2	112	102	120	96
460-336648-24	44A2_2-3	113	101	122	95
460-336648-25	44A3_3-4	112	101	119	94
460-336648-26	44A1_4-5	112	101	117	94
460-336648-27	44A2_5-6	113	101	118	94
460-336648-28	44A3_6-7	114	100	122	94
460-336648-29	44A1_7-8	112	101	121	95
460-336648-30	44B1_1-2	112	102	122	94
460-336648-31	44B2_2-3	111	101	119	94
460-336648-32	44B3_3-4	114	101	123	93
460-336648-33	44B1_4-5	111	101	121	94
460-336648-34	44B2_5-6	112	98	124	93
460-336648-35	44B3_6-7	113	100	119	92
460-336648-36	44B1_7-8	112	100	122	94
460-336648-37	44C1_1-2	116	100	124	93
460-336648-38	44C2_2-3	115	101	126	94
460-336648-39	44C3_3-4	112	101	118	94
460-336648-40	44C1_4-5	114	100	122	94
460-336648-41	44C2_5-6	112	99	118	94
460-336648-42	44C3_6-7	110	100	120	93
460-336648-43	44C1_7-8	111	101	122	93
460-336648-44	44D1_1-2	113	101	123	94
460-336648-45	44D2_2-3	112	101	121	93
460-336648-46	44D3_3-4	113	99	124	93
460-336648-47	44D1_4-5	111	100	118	93
460-336648-48	44D2_5-6	116	101	121	93
460-336648-49	44D3_6-7	110	101	115	94
460-336648-50	44D2_7-8	112	102	118	93
460-336648-51	44E1_1-2	112	100	117	94
460-336648-52	44E2_2-3	113	99	126	92
460-336648-53	44E3_3-4	112	100	121	93
460-336648-54	44E1_5-6	109	101	117	92
460-336648-55	44E2_6-7	113	98	123	92
460-336648-56	44E2_7-8	115	102	127	93
460-336648-57	44E3_4-5	111	101	122	92
460-336648-58	44F1_1-2	114	98	121	93
460-336648-59	44F2_2-3	110	102	119	93
460-336648-60	44F3_4-5	113	102	120	93
460-336648-61	44F1_5-6	110	101	121	92
460-336648-62	44F2_6-7	115	99	125	93
460-336648-63	44F3_7-8	114	100	125	92
460-336648-64	44F1_7-8	111	100	123	92
460-336648-65	45A1_1-2	111	101	119	93
460-336648-66	45A2_2-3	113	99	124	94
460-336648-67	45A3_4-5	116	103	127	93
460-336648-68	45A1_5-6	112	102	124	93
460-336648-69	45A2_7-8	114	103	123	94
460-336648-70	45A3_9-10	113	101	123	93
460-336648-71	45A1_11-12	112	100	122	93

Surrogate Summary

Client: Haley & Aldrich, Inc.
Project/Site: Former Port Mobil

Job ID: 460-336648-1

Method: 8260D - Volatile Organic Compounds by GC/MS (Continued)

Matrix: Solid

Prep Type: Total/NA

		Percent Surrogate Recovery (Acceptance Limits)			
		DCA	BFB	DBFM	TOL
Lab Sample ID	Client Sample ID	(65-138)	(71-128)	(50-150)	(71-126)
460-336648-72	45B1_1-2	115	102	124	92
460-336648-73	45B2_3-4	114	100	128	93
460-336648-74	45B3_4-5	113	102	123	93
460-336648-75	45B1_6-7	113	101	123	93
460-336648-76	45B2_7-8	114	101	124	93
460-336648-77	45B3_9-10	114	101	124	92
460-336648-78	45B2_10-11	89	94	98	101
460-336648-79	45C1_1-2	89	95	95	102
460-336648-80	45C2_3-4	90	93	94	100
460-336648-81	45C3_4-5	89	99	95	103
460-336648-82	45C1_5-6	90	97	96	103
460-336648-83	45C2_6-7	88	95	96	101
460-336648-84	45C3_8-9	89	92	97	100
460-336648-85	45C2_11-12	87	94	97	100
460-336648-86	49A1_0-1	89	97	97	101
460-336648-87	49A2_2-3	87	98	95	103
460-336648-88	49A3_4-5	90	96	97	102
460-336648-89	49A4_5-6	90	100	97	102
460-336648-90	49A1_7-8	90	96	97	100
460-336648-91	49A2_8-9	90	97	98	102
460-336648-92	49A3_9-10	90	95	96	101
460-336648-93	49B1_1-2	91	110	101	112
460-336648-94	49B2_2-3	91	96	97	100
460-336648-95	49B3_3-4	89	94	96	101
460-336648-96	49B4_5-6	89	95	97	101
460-336648-97	49B1_7-8	89	95	98	101
460-336648-98	49B2_8-9	89	100	96	105
460-336648-99	49B2_9-10	88	95	96	101
LCS 460-1067163/3	Lab Control Sample	97	101	97	95
LCS 460-1067398/3	Lab Control Sample	94	101	96	96
LCS 460-1067399/2	Lab Control Sample	93	102	95	95
LCS 460-1067421/3	Lab Control Sample	83	94	89	101
LCS 460-1067474/3	Lab Control Sample	83	95	93	98
LCS 460-1067680/3	Lab Control Sample	80	95	90	100
LCSD 460-1067163/4	Lab Control Sample Dup	94	101	94	96
LCSD 460-1067398/4	Lab Control Sample Dup	95	101	96	95
LCSD 460-1067399/3	Lab Control Sample Dup	95	102	96	94
LCSD 460-1067421/4	Lab Control Sample Dup	82	95	88	101
LCSD 460-1067474/4	Lab Control Sample Dup	81	95	90	99
LCSD 460-1067680/4	Lab Control Sample Dup	79	96	90	98
MB 460-1067163/7	Method Blank	108	101	116	94
MB 460-1067398/7	Method Blank	108	100	116	94
MB 460-1067399/6	Method Blank	111	100	122	93
MB 460-1067421/7	Method Blank	90	91	93	101
MB 460-1067474/7	Method Blank	89	92	96	99
MB 460-1067680/7	Method Blank	88	92	98	99

Surrogate Legend

DCA = 1,2-Dichloroethane-d4 (Surr)

BFB = 4-Bromofluorobenzene

Surrogate Summary

Client: Haley & Aldrich, Inc.
Job ID: 460-336648-1
Project/Site: Former Port Mobil

DBFM = Dibromofluoromethane (Surr)
TOL = Toluene-d8 (Surr)

Method: 8270E - Semivolatile Organic Compounds (GC/MS)

Matrix: Solid
Prep Type: Total/NA

		Percent Surrogate Recovery (Acceptance Limits)					
		TBP	FBP	2FP	NBZ	PHL	TPHL
Lab Sample ID	Client Sample ID	(18-137)	(33-117)	(24-120)	(27-120)	(28-118)	(33-124)
460-336505-C-1-I MS	Matrix Spike	49	54	54	57	55	52
460-336505-C-1-J MSD	Matrix Spike Duplicate	50	54	56	60	58	53
460-336648-1	44A_0-4	46	44	50	46	46	45
460-336648-1 MS	44A_0-4	70	68	75	70	72	69
460-336648-1 MSD	44A_0-4	51	49	55	51	52	50
460-336648-2	44A_4-8	65	61	70	65	65	64
460-336648-3	44B_0-4	72	69	77	72	72	71
460-336648-4	44B_4-8	65	66	71	65	66	64
460-336648-5	44C_0-4	62	59	66	62	62	61
460-336648-6	44C_4-8	68	65	72	69	69	67
460-336648-7	44D_0-4	60	58	66	61	61	61
460-336648-8	44D_4-8	59	57	65	60	60	59
460-336648-9	44E_0-4	63	62	70	64	64	64
460-336648-10	44E_4-8	59	59	67	61	63	61
460-336648-11	44F_0-4	65	67	71	68	68	66
460-336648-12	44F_4-8	65	63	67	63	64	67
460-336648-13	45A_0-6	60	59	66	61	61	61
460-336648-14	45A_6-12	58	60	66	62	62	61
460-336648-15	45B_0-6	44	49	53	49	49	48
460-336648-16	45B_6-12	53	57	60	56	56	57
460-336648-17	45C_0-6	46	46	51	47	48	48
460-336648-18	45C_6-12	57	56	62	58	58	57
460-336648-19	49A_0-5	58	59	65	61	60	60
460-336648-20	49A_5-10	56	55	61	57	58	56
460-336648-21	49B_0-5	49	54	54	56	57	60
460-336648-22	49B_5-10	51	53	49	55	56	60
LCS 460-1066909/2-A	Lab Control Sample	62	65	67	70	68	69
LCS 460-1066911/2-A	Lab Control Sample	71	68	75	71	73	70
LCSD 460-1066909/3-A	Lab Control Sample Dup	64	65	66	71	70	71
LCSD 460-1066911/3-A	Lab Control Sample Dup	72	69	76	72	73	70
MB 460-1066909/1-A	Method Blank	64	66	68	73	72	74
MB 460-1066911/1-A	Method Blank	75	73	81	76	75	73

Surrogate Legend

TBP = 2,4,6-Tribromophenol (Surr)
FBP = 2-Fluorobiphenyl
2FP = 2-Fluorophenol (Surr)
NBZ = Nitrobenzene-d5 (Surr)
PHL = Phenol-d5 (Surr)
TPHL = Terphenyl-d14 (Surr)

Method: 8081B - Organochlorine Pesticides (GC)

Matrix: Solid
Prep Type: Total/NA

		Percent Surrogate Recovery (Acceptance Limits)			
		DCBP1	DCBP2	TCX1	TCX2
Lab Sample ID	Client Sample ID	(10-150)	(10-150)	(14-150)	(14-150)
460-336648-1	44A_0-4	88	68	74	72

Method: 8081B - Organochlorine Pesticides (GC) (Continued)

Matrix: Solid **Prep Type: Total/NA**

		Percent Surrogate Recovery (Acceptance Limits)			
		DCBP1	DCBP2	TCX1	TCX2
Lab Sample ID	Client Sample ID	(10-150)	(10-150)	(14-150)	(14-150)
460-336648-1 MS	44A_0-4	84	67	71	69
460-336648-1 MSD	44A_0-4	76	63	64	63
460-336648-2	44A_4-8	104	85	86	85
460-336648-3	44B_0-4	99	78	81	78
460-336648-4	44B_4-8	118	97	95	97
460-336648-5	44C_0-4	106	89	87	88
460-336648-6	44C_4-8	101	82	81	80
460-336648-7	44D_0-4	116	91	91	88
460-336648-8	44D_4-8	115	93	93	93
460-336648-9	44E_0-4	133	110	108	108
460-336648-10	44E_4-8	96	80	78	76
460-336648-11	44F_0-4	112	88	90	87
460-336648-12	44F_4-8	112	86	89	87
460-336648-13	45A_0-6	120	94	99	98
460-336648-14	45A_6-12	122	95	101	100
460-336648-15	45B_0-6	124	95	102	98
460-336648-16	45B_6-12	116	90	97	97
460-336648-17	45C_0-6	104	83	87	87
460-336648-18	45C_6-12	114	94	94	96
460-336648-19	49A_0-5	120	96	98	98
460-336648-20	49A_5-10	130	107	104	105
460-336648-21	49B_0-5	101	84	82	84
460-336648-21 MS	49B_0-5	91	76	75	74
460-336648-21 MSD	49B_0-5	91	77	76	75
460-336648-22	49B_5-10	117	95	94	94
LCS 460-1066852/2-A	Lab Control Sample	87	70	75	73
LCS 460-1066853/2-A	Lab Control Sample	90	75	73	73
LCSD 460-1066852/3-A	Lab Control Sample Dup	88	67	76	71
LCSD 460-1066853/3-A	Lab Control Sample Dup	94	79	77	77
MB 460-1066852/1-A	Method Blank	91	70	76	76
MB 460-1066853/1-A	Method Blank	119	99	95	96

Surrogate Legend

DCBP = DCB Decachlorobiphenyl

TCX = Tetrachloro-m-xylene

Method: 8082A - Polychlorinated Biphenyls (PCBs) by Gas Chromatography

Matrix: Solid **Prep Type: Total/NA**

		Percent Surrogate Recovery (Acceptance Limits)			
		DCBP1	DCBP2	TCX1	TCX2
Lab Sample ID	Client Sample ID	(10-150)	(10-150)	(10-150)	(10-150)
460-336648-1	44A_0-4	127	106	105	107
460-336648-1 MS	44A_0-4	135	119	125	123
460-336648-1 MSD	44A_0-4	137	116	120	119
460-336648-2	44A_4-8	121	100	102	104
460-336648-3	44B_0-4	118	98	100	100
460-336648-4	44B_4-8	145	122	122	124
460-336648-5	44C_0-4	135	113	112	114
460-336648-6	44C_4-8	127	105	105	106
460-336648-7	44D_0-4	141	119	119	122

Surrogate Summary

Client: Haley & Aldrich, Inc.
Job ID: 460-336648-1
Project/Site: Former Port Mobil

Method: 8082A - Polychlorinated Biphenyls (PCBs) by Gas Chromatography (Continued)

Matrix: Solid
Prep Type: Total/NA

		Percent Surrogate Recovery (Acceptance Limits)			
		DCBP1	DCBP2	TCX1	TCX2
Lab Sample ID	Client Sample ID	(10-150)	(10-150)	(10-150)	(10-150)
460-336648-8	44D_4-8	147	123	123	125
460-336648-9	44E_0-4	162 *	137	140	142
460-336648-10	44E_4-8	128	104	105	107
460-336648-11	44F_0-4	139	118	114	118
460-336648-12	44F_4-8	139	117	117	120
460-336648-13	45A_0-6	143	118	120	123
460-336648-14	45A_6-12	144	121	120	124
460-336648-15	45B_0-6	143	119	120	122
460-336648-16	45B_6-12	148	124	124	126
460-336648-17	45C_0-6	137	115	114	118
460-336648-18	45C_6-12	146	123	122	124
460-336648-19	49A_0-5	147	125	122	126
460-336648-20	49A_5-10	155 *	132	130	134
460-336648-21	49B_0-5	110	116	109	99
460-336648-21 MS	49B_0-5	101	105	96	87
460-336648-21 MSD	49B_0-5	96	100	94	84
460-336648-22	49B_5-10	121	127	115	106
LCS 460-1066848/2-A	Lab Control Sample	126	104	109	106
LCS 460-1066850/2-A	Lab Control Sample	90	95	88	79
LCSD 460-1066848/3-A	Lab Control Sample Dup	117	103	110	108
LCSD 460-1066850/3-A	Lab Control Sample Dup	85	88	84	74
MB 460-1066848/1-A	Method Blank	108	95	99	99
MB 460-1066850/1-A	Method Blank	101	106	99	89

Surrogate Legend

DCBP = DCB Decachlorobiphenyl

TCX = Tetrachloro-m-xylene

Isotope Dilution Summary

Client: Haley & Aldrich, Inc.
Project/Site: Former Port Mobil

Job ID: 460-336648-1

Method: 1633A - Per- and Polyfluoroalkyl Substances by LC/MS/MS, 1633A

Matrix: Solid

Prep Type: Total/NA

		Percent Isotope Dilution Recovery (Acceptance Limits)							
		PFBA	PFPeA	13C5PHA	C4PFHA	C8PFOA	C9PFNA	C6PFDA	13C7PUA
Lab Sample ID	Client Sample ID	(8-130)	(35-130)	(40-130)	(40-130)	(40-130)	(40-130)	(40-130)	(40-130)
460-336648-1	44A_0-4	88.5	97.0	91.2	102	83.2	76.4	73.4	65.5
460-336648-2	44A_4-8	87.5	94.5	88.8	101	89.4	84.8	76.1	65.4
460-336648-3	44B_0-4	87.3	94.8	88.8	94.1	80.7	74.4	74.4	66.9
460-336648-4	44B_4-8	84.2	89.0	85.4	90.6	85.0	83.5	79.0	59.6
460-336648-5	44C_0-4	84.0	91.7	83.6	91.2	81.4	81.0	78.5	65.7
460-336648-6	44C_4-8	90.8	96.0	90.8	99.1	85.7	83.2	75.5	57.3
460-336648-7	44D_0-4	92.2	95.2	90.8	103	90.6	92.0	89.3	68.2
460-336648-8 - DL	44D_4-8	12.0							
460-336648-8	44D_4-8		12.0 *	72.5	96.6	90.8	91.1	82.4	75.0
460-336648-9	44E_0-4	87.9	92.5	90.4	99.0	88.9	86.5	85.7	79.9
460-336648-10	44E_4-8	86.5	94.2	87.5	94.7	87.1	84.2	81.5	74.0
460-336648-11	44F_0-4	87.8	100	93.8	103	88.0	92.5	88.9	74.3
460-336648-12	44F_4-8	86.2	92.0	89.3	98.0	86.7	89.2	85.7	78.4
460-336648-13 - DL	45A_0-6								
460-336648-13	45A_0-6	86.4	92.8	86.8	96.2	87.8	86.3	81.5	72.9
460-336648-14 - DL	45A_6-12								76.6
460-336648-14	45A_6-12	84.5	89.7	83.8	94.4	81.9	83.8	80.1	
460-336648-15	45B_0-6	87.8	92.0	88.2	97.9	91.0	87.1	87.4	77.4
460-336648-16	45B_6-12	88.3	98.1	94.5	102	92.6	93.5	89.5	85.6
460-336648-17	45C_0-6	88.4	95.4	88.8	99.5	88.2	89.6	92.5	83.0
460-336648-18	45C_6-12	89.0	95.4	85.2	98.8	88.4	86.6	84.8	73.8
460-336648-19	49A_0-5	75.7	73.0	72.7	73.4	69.2	64.9	59.4	54.9
460-336648-20	49A_5-10	69.4	67.6	69.1	69.3	68.7	68.5	65.3	59.0
460-336648-21	49B_0-5	87.2	88.0	83.8	87.1	81.5	82.9	73.4	70.8
460-336648-22	49B_5-10	91.7	82.9	83.7	79.3	81.0	73.9	62.9	56.1
LCS 410-711573/2-A	Lab Control Sample	74.7	74.2	76.4	74.5	72.5	68.1	61.5	59.5
LCS 410-711574/2-A	Lab Control Sample	89.1	93.4	89.1	101	92.7	87.5	92.7	85.7
LCSD 410-711573/3-A	Lab Control Sample Dup	74.9	74.4	75.5	76.8	76.3	73.6	67.1	59.3
LCSD 410-711574/3-A	Lab Control Sample Dup	90.6	94.4	92.5	99.4	89.3	89.3	87.9	75.4
LLCS 410-711573/4-A	Lab Control Sample	95.5	98.8	94.1	100	87.1	82.0	85.2	84.6
LLCS 410-711574/4-A	Lab Control Sample	88.0	93.8	88.8	97.6	84.8	85.4	84.4	75.6
MB 410-711573/1-A	Method Blank	81.3	81.3	75.0	73.5	68.2	72.1	67.4	70.0
MB 410-711574/1-A	Method Blank	95.6	101	97.7	109	97.7	95.9	91.2	82.9

		Percent Isotope Dilution Recovery (Acceptance Limits)							
		PFTDA	C3PFBS	C3PFHS	C8PFOS	PFOSA	d3NMFOS	d5NEFOS	M242FTS
Lab Sample ID	Client Sample ID	(20-130)	(40-135)	(40-130)	(40-130)	(40-130)	(40-135)	(40-150)	(40-165)
460-336648-1	44A_0-4	55.5	86.2	82.3	72.6	68.5	54.6	60.3	92.6
460-336648-2	44A_4-8	52.6	85.2	86.0	74.7	71.4	53.6	55.8	86.4
460-336648-3	44B_0-4	53.1	85.3	79.6	72.9	65.7	52.9	57.2	85.2
460-336648-4	44B_4-8	15.1 *	80.7	83.3	76.5	67.3	56.4	58.1	86.7
460-336648-5	44C_0-4	41.2	77.0	78.2	75.8	68.7	52.4	51.6	80.6
460-336648-6	44C_4-8	34.3	84.3	84.5	73.2	68.4	46.0	41.1	93.1
460-336648-7	44D_0-4	44.5	88.5	89.1	78.9	77.7	61.6	58.7	91.9
460-336648-8 - DL	44D_4-8								
460-336648-8	44D_4-8	43.2	63.9	89.8	85.3	79.5	66.1	68.3	88.0
460-336648-9	44E_0-4	65.9	86.9	87.4	85.4	77.8	66.0	69.9	90.1
460-336648-10	44E_4-8	57.2	83.0	81.7	77.9	76.6	67.0	73.1	144
460-336648-11	44F_0-4	46.6	85.2	87.3	87.3	78.4	59.9	62.7	88.9
460-336648-12	44F_4-8	55.8	80.8	84.0	85.4	77.8	64.4	69.9	92.9

Method: 1633A - Per- and Polyfluoroalkyl Substances by LC/MS/MS, 1633A (Continued)

Matrix: Solid **Prep Type: Total/NA**

		Percent Isotope Dilution Recovery (Acceptance Limits)							
		PFTDA	C3PFBS	C3PFHS	C8PFOS	PFOSA	d3NMFOS	d5NEFOS	M242FTS
Lab Sample ID	Client Sample ID	(20-130)	(40-135)	(40-130)	(40-130)	(40-130)	(40-135)	(40-150)	(40-165)
460-336648-13 - DL	45A_0-6								
460-336648-13	45A_0-6	42.4	80.6	84.6	81.4	77.0	58.5	64.7	119
460-336648-14 - DL	45A_6-12								
460-336648-14	45A_6-12	44.3	79.5	81.3	78.0	71.8	54.8	54.9	89.7
460-336648-15	45B_0-6	53.3	82.9	83.9	84.3	79.7	69.2	75.3	124
460-336648-16	45B_6-12	60.8	87.8	91.4	87.6	83.6	71.2	76.4	102
460-336648-17	45C_0-6	56.4	83.9	85.9	87.5	83.9	74.0	83.7	126
460-336648-18	45C_6-12	57.5	84.1	83.8	85.3	73.4	59.2	61.7	86.7
460-336648-19	49A_0-5	38.6	66.6	65.5	61.6	62.2	49.6	56.6	74.1
460-336648-20	49A_5-10	29.4	63.6	63.7	65.9	68.0	51.3	58.1	72.3
460-336648-21	49B_0-5	48.4	78.8	80.9	73.1	72.6	54.7	61.0	117
460-336648-22	49B_5-10	43.2	81.2	76.0	63.2	66.1	49.1	55.8	106
LCS 410-711573/2-A	Lab Control Sample	61.3	73.3	71.3	64.9	62.5	48.3	54.7	75.4
LCS 410-711574/2-A	Lab Control Sample	67.4	90.3	89.4	87.8	81.6	68.9	76.7	86.1
LCSD 410-711573/3-A	Lab Control Sample Dup	39.4	72.0	69.1	54.6	67.8	60.1	63.7	72.0
LCSD 410-711574/3-A	Lab Control Sample Dup	57.7	89.5	86.7	82.4	74.3	61.6	65.7	84.5
LLCS 410-711573/4-A	Lab Control Sample	66.3	85.5	86.7	74.2	75.1	61.9	64.6	83.7
LLCS 410-711574/4-A	Lab Control Sample	52.8	87.9	85.8	83.3	74.9	58.4	61.8	85.7
MB 410-711573/1-A	Method Blank	60.0	75.1	67.5	64.1	64.7	55.4	57.5	82.0
MB 410-711574/1-A	Method Blank	55.5	93.4	95.6	91.7	78.8	62.0	68.3	91.6

		Percent Isotope Dilution Recovery (Acceptance Limits)							
		M262FTS	M282FTS	HFPODA	NMFM	NEFM	d5NPFSA	d3NMFSA	PFDoA
Lab Sample ID	Client Sample ID	(40-215)	(40-275)	(40-130)	(20-130)	(15-130)	(10-130)	(10-130)	(40-130)
460-336648-1	44A_0-4	83.1	65.7	106	43.6	41.8	58.6	65.8	65.9
460-336648-2	44A_4-8	85.7	63.2	104	36.0	33.6	57.1	64.4	63.7
460-336648-3	44B_0-4	77.8	62.3	100	38.6	36.3	53.3	60.3	66.6
460-336648-4	44B_4-8	79.5	68.4	96.8	14.3 *	9.33 *	47.7	56.9	47.1
460-336648-5	44C_0-4	79.0	62.3	95.8	30.2	28.8	44.4	50.4	50.6
460-336648-6	44C_4-8	80.7	70.4	101	24.6	20.6	42.4	50.7	44.7
460-336648-7	44D_0-4	91.7	78.3	105	35.2	26.6	49.2	57.5	55.7
460-336648-8 - DL	44D_4-8								
460-336648-8	44D_4-8	85.0	80.4	77.2	33.2	27.0	70.2	79.4	67.2
460-336648-9	44E_0-4	84.6	75.9	100	49.1	44.5	64.3	68.0	77.8
460-336648-10	44E_4-8	123	98.0	101	43.2	37.4	60.5	67.7	72.1
460-336648-11	44F_0-4	87.2	77.8	105	43.1	37.5	61.4	70.3	72.2
460-336648-12	44F_4-8	88.2	82.6	98.4	50.1	43.2	57.5	63.9	76.4
460-336648-13 - DL	45A_0-6		84.8						
460-336648-13	45A_0-6	106		96.7	45.2	42.8	65.5	68.0	68.3
460-336648-14 - DL	45A_6-12								
460-336648-14	45A_6-12	88.0	69.6	99.4	40.1	37.2	55.7	60.2	67.2
460-336648-15	45B_0-6	107	84.3	99.9	41.8	35.9	54.4	63.5	74.2
460-336648-16	45B_6-12	91.3	78.4	104	39.7	34.3	69.2	77.8	81.6
460-336648-17	45C_0-6	111	88.8	98.2	44.1	42.1	78.8	83.3	82.2
460-336648-18	45C_6-12	80.0	68.1	98.6	34.3	29.6	60.2	66.8	70.5
460-336648-19	49A_0-5	69.1	56.7	74.7	37.9	34.1	44.9	49.4	49.3
460-336648-20	49A_5-10	69.4	58.7	69.4	35.3	29.2	45.5	48.8	46.7
460-336648-21	49B_0-5	97.2	73.0	84.1	44.3	37.0	49.6	54.0	55.0
460-336648-22	49B_5-10	88.6	64.0	84.3	25.3	21.9	41.1	49.8	48.5
LCS 410-711573/2-A	Lab Control Sample	69.0	55.1	77.6	42.3	39.7	39.2	44.0	55.7
LCS 410-711574/2-A	Lab Control Sample	85.4	79.9	107	50.8	46.4	72.3	77.7	87.1

Isotope Dilution Summary

Client: Haley & Aldrich, Inc.
Job ID: 460-336648-1
Project/Site: Former Port Mobil

Method: 1633A - Per- and Polyfluoroalkyl Substances by LC/MS/MS, 1633A (Continued)

Matrix: Solid
Prep Type: Total/NA

		Percent Isotope Dilution Recovery (Acceptance Limits)							
		M262FTS	M282FTS	HFPODA	NMFM	NEFM	d5NPFSA	d3NMFSA	PFDoA
Lab Sample ID	Client Sample ID	(40-215)	(40-275)	(40-130)	(20-130)	(15-130)	(10-130)	(10-130)	(40-130)
LCSD 410-711573/3-A	Lab Control Sample Dup	71.8	65.3	76.6	42.5	34.6	30.6	38.5	44.4
LCSD 410-711574/3-A	Lab Control Sample Dup	84.9	75.6	102	42.7	37.9	50.0	57.1	74.0
LLCS 410-711573/4-A	Lab Control Sample	94.0	91.4	93.1	41.2	34.8	43.9	50.8	75.5
LLCS 410-711574/4-A	Lab Control Sample	91.8	78.2	103	40.9	35.7	50.8	59.0	69.1
MB 410-711573/1-A	Method Blank	78.6	85.9	80.9	40.0	37.3	36.9	41.0	67.1
MB 410-711574/1-A	Method Blank	92.8	80.4	114	41.4	35.0	56.2	62.6	78.6

Surrogate Legend

PFBA = 13C4 PFBA
PFPeA = 13C5 PFPeA
13C5PHA = 13C5 PFHxA
C4PFHA = 13C4 PFHpA
C8PFOA = 13C8 PFOA
C9PFNA = 13C9 PFNA
C6PFDA = 13C6 PFDA
13C7PUA = 13C7 PFUnA
PFTDA = 13C2 PFTeDA
C3PFBS = 13C3 PFBS
C3PFHS = 13C3 PFHxS
C8PFOS = 13C8 PFOS
PFOSA = 13C8 FOSA
d3NMFOS = d3-NMeFOSAA
d5NEFOS = d5-NEtFOSAA
M242FTS = 13C2 4:2 FTS
M262FTS = 13C2 6:2 FTS
M282FTS = 13C2 8:2 FTS
HFPODA = 13C3 HFPO-DA
NMFM = d7-N-MeFOSE-M
NEFM = d9-N-EtFOSE-M
d5NPFSA = d5-NEtPFOSA
d3NMFSA = d3-NMePFOSA
PFDoA = 13C2 PFDoA

Method: 8260D - Volatile Organic Compounds by GC/MS

Lab Sample ID: MB 460-1067163/7
Matrix: Solid
Analysis Batch: 1067163

Client Sample ID: Method Blank
Prep Type: Total/NA

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1-Trichloroethane	0.0010	U	0.0010	0.00023	mg/Kg			10/10/25 09:21	1
1,1,2,2-Tetrachloroethane	0.0010	U	0.0010	0.00052	mg/Kg			10/10/25 09:21	1
1,1,2-Trichloro-1,2,2-trifluoroethane	0.0010	U	0.0010	0.00030	mg/Kg			10/10/25 09:21	1
1,1,2-Trichloroethane	0.0010	U	0.0010	0.00060	mg/Kg			10/10/25 09:21	1
1,1-Dichloroethane	0.0010	U	0.0010	0.00060	mg/Kg			10/10/25 09:21	1
1,1-Dichloroethene	0.0010	U	0.0010	0.00023	mg/Kg			10/10/25 09:21	1
1,2,3-Trichlorobenzene	0.0010	U	0.0010	0.00074	mg/Kg			10/10/25 09:21	1
1,2,4-Trichlorobenzene	0.0010	U	0.0010	0.00036	mg/Kg			10/10/25 09:21	1
1,2,4-Trimethylbenzene	0.0010	U	0.0010	0.00025	mg/Kg			10/10/25 09:21	1
1,2-Dibromo-3-Chloropropane	0.0010	U	0.0010	0.00046	mg/Kg			10/10/25 09:21	1
1,2-Dichlorobenzene	0.0010	U	0.0010	0.00036	mg/Kg			10/10/25 09:21	1
1,2-Dichloroethane	0.0010	U	0.0010	0.00030	mg/Kg			10/10/25 09:21	1
1,2-Dichloropropane	0.0010	U	0.0010	0.00042	mg/Kg			10/10/25 09:21	1
1,3,5-Trimethylbenzene	0.0010	U	0.0010	0.00031	mg/Kg			10/10/25 09:21	1
1,3-Dichlorobenzene	0.0010	U	0.0010	0.00037	mg/Kg			10/10/25 09:21	1
1,4-Dichlorobenzene	0.0010	U	0.0010	0.00052	mg/Kg			10/10/25 09:21	1
2-Butanone (MEK)	0.0050	U	0.0050	0.00037	mg/Kg			10/10/25 09:21	1
2-Hexanone	0.0050	U	0.0050	0.0017	mg/Kg			10/10/25 09:21	1
4-Methyl-2-pentanone (MIBK)	0.0050	U	0.0050	0.0016	mg/Kg			10/10/25 09:21	1
Acetone	0.0060	U	0.0060	0.0057	mg/Kg			10/10/25 09:21	1
Benzene	0.0010	U	0.0010	0.00057	mg/Kg			10/10/25 09:21	1
Bromoform	0.0010	U	0.0010	0.00043	mg/Kg			10/10/25 09:21	1
Bromomethane	0.0020	U	0.0020	0.0010	mg/Kg			10/10/25 09:21	1
Carbon disulfide	0.0010	U	0.0010	0.00027	mg/Kg			10/10/25 09:21	1
Carbon tetrachloride	0.0010	U	0.0010	0.00039	mg/Kg			10/10/25 09:21	1
Chlorobenzene	0.0010	U	0.0010	0.00051	mg/Kg			10/10/25 09:21	1
Chlorobromomethane	0.0010	U	0.0010	0.00060	mg/Kg			10/10/25 09:21	1
Chlorodibromomethane	0.0010	U	0.0010	0.00054	mg/Kg			10/10/25 09:21	1
Chloroethane	0.0010	U	0.0010	0.00052	mg/Kg			10/10/25 09:21	1
Chloroform	0.0010	U	0.0010	0.00097	mg/Kg			10/10/25 09:21	1
Chloromethane	0.0010	U	0.0010	0.00044	mg/Kg			10/10/25 09:21	1
cis-1,2-Dichloroethene	0.0010	U	0.0010	0.00036	mg/Kg			10/10/25 09:21	1
cis-1,3-Dichloropropene	0.0010	U	0.0010	0.00027	mg/Kg			10/10/25 09:21	1
Cyclohexane	0.0010	U	0.0010	0.00022	mg/Kg			10/10/25 09:21	1
Dichlorobromomethane	0.0010	U	0.0010	0.00026	mg/Kg			10/10/25 09:21	1
Dichlorodifluoromethane	0.0010	U	0.0010	0.00034	mg/Kg			10/10/25 09:21	1
Ethylbenzene	0.0010	U	0.0010	0.00047	mg/Kg			10/10/25 09:21	1
Ethylene Dibromide	0.0010	U	0.0010	0.00050	mg/Kg			10/10/25 09:21	1
Isopropylbenzene	0.0010	U	0.0010	0.00029	mg/Kg			10/10/25 09:21	1
Methyl acetate	0.0050	U	0.0050	0.0043	mg/Kg			10/10/25 09:21	1
Methyl tert-butyl ether	0.0010	U	0.0010	0.00051	mg/Kg			10/10/25 09:21	1
Methylcyclohexane	0.0010	U	0.0010	0.00050	mg/Kg			10/10/25 09:21	1
Methylene Chloride	0.0020	U	0.0020	0.0011	mg/Kg			10/10/25 09:21	1
m-Xylene & p-Xylene	0.0010	U	0.0010	0.00042	mg/Kg			10/10/25 09:21	1
n-Butylbenzene	0.0010	U	0.0010	0.00029	mg/Kg			10/10/25 09:21	1
N-Propylbenzene	0.0010	U	0.0010	0.00045	mg/Kg			10/10/25 09:21	1
o-Xylene	0.0010	U	0.0010	0.00046	mg/Kg			10/10/25 09:21	1
sec-Butylbenzene	0.0010	U	0.0010	0.00029	mg/Kg			10/10/25 09:21	1

Method: 8260D - Volatile Organic Compounds by GC/MS (Continued)

Lab Sample ID: MB 460-1067163/7
Matrix: Solid
Analysis Batch: 1067163

Client Sample ID: Method Blank
Prep Type: Total/NA

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Styrene	0.0010	U	0.0010	0.00028	mg/Kg			10/10/25 09:21	1
tert-Butylbenzene	0.0010	U	0.0010	0.00028	mg/Kg			10/10/25 09:21	1
Tetrachloroethene	0.0010	U	0.0010	0.00031	mg/Kg			10/10/25 09:21	1
Toluene	0.0010	U	0.0010	0.00023	mg/Kg			10/10/25 09:21	1
trans-1,2-Dichloroethene	0.0010	U	0.0010	0.00025	mg/Kg			10/10/25 09:21	1
trans-1,3-Dichloropropene	0.0010	U	0.0010	0.00027	mg/Kg			10/10/25 09:21	1
Trichloroethene	0.0010	U	0.0010	0.00032	mg/Kg			10/10/25 09:21	1
Trichlorofluoromethane	0.0010	U	0.0010	0.00041	mg/Kg			10/10/25 09:21	1
Vinyl chloride	0.0010	U	0.0010	0.00055	mg/Kg			10/10/25 09:21	1
Xylenes, Total	0.0020	U	0.0020	0.00017	mg/Kg			10/10/25 09:21	1

Surrogate	*MB %Recovery*	*MB Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,2-Dichloroethane-d4 (Surr)	*108*		*65 - 138*		*10/10/25 09:21*	*1*
4-Bromofluorobenzene	*101*		*71 - 128*		*10/10/25 09:21*	*1*
Dibromofluoromethane (Surr)	*116*		*50 - 150*		*10/10/25 09:21*	*1*
Toluene-d8 (Surr)	*94*		*71 - 126*		*10/10/25 09:21*	*1*

Lab Sample ID: LCS 460-1067163/3
Matrix: Solid
Analysis Batch: 1067163

Client Sample ID: Lab Control Sample
Prep Type: Total/NA

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
1,1,1-Trichloroethane	0.0200	0.0183		mg/Kg		91	78 - 120
1,1,2,2-Tetrachloroethane	0.0200	0.0194		mg/Kg		97	70 - 133
1,1,2-Trichloro-1,2,2-trifluoroethane	0.0200	0.0198		mg/Kg		99	75 - 121
1,1,2-Trichloroethane	0.0200	0.0212		mg/Kg		106	80 - 120
1,1-Dichloroethane	0.0200	0.0183		mg/Kg		91	72 - 120
1,1-Dichloroethene	0.0200	0.0191		mg/Kg		96	76 - 120
1,2,3-Trichlorobenzene	0.0200	0.0198		mg/Kg		99	77 - 137
1,2,4-Trichlorobenzene	0.0200	0.0188		mg/Kg		94	77 - 136
1,2,4-Trimethylbenzene	0.0200	0.0186		mg/Kg		93	75 - 120
1,2-Dibromo-3-Chloropropane	0.0200	0.0179		mg/Kg		90	80 - 124
1,2-Dichlorobenzene	0.0200	0.0212		mg/Kg		106	80 - 120
1,2-Dichloroethane	0.0200	0.0193		mg/Kg		96	70 - 123
1,2-Dichloropropane	0.0200	0.0179		mg/Kg		90	73 - 124
1,3,5-Trimethylbenzene	0.0200	0.0186		mg/Kg		93	70 - 120
1,3-Dichlorobenzene	0.0200	0.0193		mg/Kg		97	80 - 120
1,4-Dichlorobenzene	0.0200	0.0198		mg/Kg		99	80 - 120
2-Butanone (MEK)	0.100	0.112		mg/Kg		112	64 - 128
2-Hexanone	0.100	0.115		mg/Kg		115	75 - 120
4-Methyl-2-pentanone (MIBK)	0.100	0.120		mg/Kg		120	80 - 120
Acetone	0.100	0.110		mg/Kg		110	58 - 122
Benzene	0.0200	0.0183		mg/Kg		92	75 - 120
Bromoform	0.0200	0.0196		mg/Kg		98	61 - 125
Bromomethane	0.0200	0.0172		mg/Kg		86	37 - 150
Carbon disulfide	0.0200	0.0196		mg/Kg		98	57 - 133
Carbon tetrachloride	0.0200	0.0178		mg/Kg		89	66 - 127
Chlorobenzene	0.0200	0.0189		mg/Kg		94	80 - 120

Method: 8260D - Volatile Organic Compounds by GC/MS (Continued)

Lab Sample ID: LCS 460-1067163/3
Matrix: Solid
Analysis Batch: 1067163

Client Sample ID: Lab Control Sample
Prep Type: Total/NA

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
Chlorobromomethane	0.0200	0.0207		mg/Kg		104	76 - 127
Chlorodibromomethane	0.0200	0.0196		mg/Kg		98	72 - 120
Chloroethane	0.0200	0.0179		mg/Kg		89	60 - 123
Chloroform	0.0200	0.0190		mg/Kg		95	79 - 126
Chloromethane	0.0200	0.0164		mg/Kg		82	46 - 122
cis-1,2-Dichloroethene	0.0200	0.0196		mg/Kg		98	80 - 123
cis-1,3-Dichloropropene	0.0200	0.0182		mg/Kg		91	75 - 120
Cyclohexane	0.0200	0.0200		mg/Kg		100	65 - 132
Dichlorobromomethane	0.0200	0.0193		mg/Kg		97	77 - 124
Dichlorodifluoromethane	0.0200	0.0172		mg/Kg		86	45 - 129
Ethylbenzene	0.0200	0.0192		mg/Kg		96	80 - 120
Ethylene Dibromide	0.0200	0.0212		mg/Kg		106	79 - 120
Isopropylbenzene	0.0200	0.0187		mg/Kg		94	74 - 120
Methyl acetate	0.0400	0.0363		mg/Kg		91	57 - 120
Methyl tert-butyl ether	0.0200	0.0189		mg/Kg		94	74 - 125
Methylcyclohexane	0.0200	0.0190		mg/Kg		95	66 - 125
Methylene Chloride	0.0200	0.0210		mg/Kg		105	78 - 120
m-Xylene & p-Xylene	0.0200	0.0193		mg/Kg		96	80 - 120
n-Butylbenzene	0.0200	0.0180		mg/Kg		90	72 - 120
N-Propylbenzene	0.0200	0.0182		mg/Kg		91	68 - 120
o-Xylene	0.0200	0.0198		mg/Kg		99	80 - 120
sec-Butylbenzene	0.0200	0.0182		mg/Kg		91	78 - 120
Styrene	0.0200	0.0193		mg/Kg		96	80 - 120
tert-Butylbenzene	0.0200	0.0180		mg/Kg		90	80 - 120
Tetrachloroethene	0.0200	0.0187		mg/Kg		93	73 - 120
Toluene	0.0200	0.0186		mg/Kg		93	80 - 120
trans-1,2-Dichloroethene	0.0200	0.0191		mg/Kg		95	78 - 120
trans-1,3-Dichloropropene	0.0200	0.0180		mg/Kg		90	77 - 120
Trichloroethene	0.0200	0.0192		mg/Kg		96	80 - 120
Trichlorofluoromethane	0.0200	0.0186		mg/Kg		93	61 - 130
Vinyl chloride	0.0200	0.0175		mg/Kg		87	54 - 122
Xylenes, Total	0.0400	0.0391		mg/Kg		98	80 - 120

Surrogate	*LCS %Recovery*	*LCS Qualifier*	*Limits*
1,2-Dichloroethane-d4 (Surr)	*97*		*65 - 138*
4-Bromofluorobenzene	*101*		*71 - 128*
Dibromofluoromethane (Surr)	*97*		*50 - 150*
Toluene-d8 (Surr)	*95*		*71 - 126*

Lab Sample ID: LCSD 460-1067163/4
Matrix: Solid
Analysis Batch: 1067163

Client Sample ID: Lab Control Sample Dup
Prep Type: Total/NA

Analyte	Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
1,1,1-Trichloroethane	0.0200	0.0189		mg/Kg		95	78 - 120	4	30
1,1,2,2-Tetrachloroethane	0.0200	0.0213		mg/Kg		106	70 - 133	9	30
1,1,2-Trichloro-1,2,2-trifluoroetha ne	0.0200	0.0201		mg/Kg		100	75 - 121	1	30
1,1,2-Trichloroethane	0.0200	0.0223		mg/Kg		112	80 - 120	5	30

Method: 8260D - Volatile Organic Compounds by GC/MS (Continued)

Lab Sample ID: LCSD 460-1067163/4
Matrix: Solid
Analysis Batch: 1067163

Client Sample ID: Lab Control Sample Dup
Prep Type: Total/NA

Analyte	Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
1,1-Dichloroethane	0.0200	0.0186		mg/Kg		93	72 - 120	2	30
1,1-Dichloroethene	0.0200	0.0197		mg/Kg		99	76 - 120	3	30
1,2,3-Trichlorobenzene	0.0200	0.0208		mg/Kg		104	77 - 137	5	30
1,2,4-Trichlorobenzene	0.0200	0.0189		mg/Kg		94	77 - 136	1	30
1,2,4-Trimethylbenzene	0.0200	0.0195		mg/Kg		98	75 - 120	5	30
1,2-Dibromo-3-Chloropropane	0.0200	0.0180		mg/Kg		90	80 - 124	0	30
1,2-Dichlorobenzene	0.0200	0.0214		mg/Kg		107	80 - 120	1	30
1,2-Dichloroethane	0.0200	0.0198		mg/Kg		99	70 - 123	3	30
1,2-Dichloropropane	0.0200	0.0188		mg/Kg		94	73 - 124	5	30
1,3,5-Trimethylbenzene	0.0200	0.0194		mg/Kg		97	70 - 120	4	30
1,3-Dichlorobenzene	0.0200	0.0200		mg/Kg		100	80 - 120	3	30
1,4-Dichlorobenzene	0.0200	0.0204		mg/Kg		102	80 - 120	3	30
2-Butanone (MEK)	0.100	0.111		mg/Kg		111	64 - 128	1	30
2-Hexanone	0.100	0.117		mg/Kg		117	75 - 120	1	30
4-Methyl-2-pentanone (MIBK)	0.100	0.122	*	mg/Kg		122	80 - 120	1	30
Acetone	0.100	0.103		mg/Kg		103	58 - 122	6	30
Benzene	0.0200	0.0192		mg/Kg		96	75 - 120	4	30
Bromoform	0.0200	0.0199		mg/Kg		100	61 - 125	2	30
Bromomethane	0.0200	0.0164		mg/Kg		82	37 - 150	5	30
Carbon disulfide	0.0200	0.0201		mg/Kg		100	57 - 133	3	30
Carbon tetrachloride	0.0200	0.0178		mg/Kg		89	66 - 127	0	30
Chlorobenzene	0.0200	0.0198		mg/Kg		99	80 - 120	5	30
Chlorobromomethane	0.0200	0.0208		mg/Kg		104	76 - 127	0	30
Chlorodibromomethane	0.0200	0.0202		mg/Kg		101	72 - 120	3	30
Chloroethane	0.0200	0.0174		mg/Kg		87	60 - 123	3	30
Chloroform	0.0200	0.0190		mg/Kg		95	79 - 126	0	30
Chloromethane	0.0200	0.0162		mg/Kg		81	46 - 122	1	30
cis-1,2-Dichloroethene	0.0200	0.0200		mg/Kg		100	80 - 123	2	30
cis-1,3-Dichloropropene	0.0200	0.0190		mg/Kg		95	75 - 120	4	30
Cyclohexane	0.0200	0.0202		mg/Kg		101	65 - 132	1	30
Dichlorobromomethane	0.0200	0.0197		mg/Kg		99	77 - 124	2	30
Dichlorodifluoromethane	0.0200	0.0201		mg/Kg		100	45 - 129	15	30
Ethylbenzene	0.0200	0.0197		mg/Kg		99	80 - 120	3	30
Ethylene Dibromide	0.0200	0.0220		mg/Kg		110	79 - 120	4	30
Isopropylbenzene	0.0200	0.0195		mg/Kg		97	74 - 120	4	30
Methyl acetate	0.0400	0.0348		mg/Kg		87	57 - 120	4	30
Methyl tert-butyl ether	0.0200	0.0202		mg/Kg		101	74 - 125	7	30
Methylcyclohexane	0.0200	0.0196		mg/Kg		98	66 - 125	3	30
Methylene Chloride	0.0200	0.0209		mg/Kg		104	78 - 120	0	30
m-Xylene & p-Xylene	0.0200	0.0200		mg/Kg		100	80 - 120	4	30
n-Butylbenzene	0.0200	0.0185		mg/Kg		92	72 - 120	3	30
N-Propylbenzene	0.0200	0.0191		mg/Kg		96	68 - 120	5	30
o-Xylene	0.0200	0.0203		mg/Kg		101	80 - 120	2	30
sec-Butylbenzene	0.0200	0.0190		mg/Kg		95	78 - 120	4	30
Styrene	0.0200	0.0197		mg/Kg		98	80 - 120	2	30
tert-Butylbenzene	0.0200	0.0192		mg/Kg		96	80 - 120	6	30
Tetrachloroethene	0.0200	0.0197		mg/Kg		98	73 - 120	5	30
Toluene	0.0200	0.0190		mg/Kg		95	80 - 120	2	30
trans-1,2-Dichloroethene	0.0200	0.0196		mg/Kg		98	78 - 120	3	30

Method: 8260D - Volatile Organic Compounds by GC/MS (Continued)

Lab Sample ID: LCSD 460-1067163/4
Matrix: Solid
Analysis Batch: 1067163

Client Sample ID: Lab Control Sample Dup
Prep Type: Total/NA

Analyte			Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
trans-1,3-Dichloropropene			0.0200	0.0190		mg/Kg		95	77 - 120	6	30
Trichloroethene			0.0200	0.0200		mg/Kg		100	80 - 120	4	30
Trichlorofluoromethane			0.0200	0.0181		mg/Kg		91	61 - 130	3	30
Vinyl chloride			0.0200	0.0168		mg/Kg		84	54 - 122	4	30
Xylenes, Total			0.0400	0.0402		mg/Kg		101	80 - 120	3	30

Surrogate	*LCSD %Recovery*	*LCSD Qualifier*	*Limits*
1,2-Dichloroethane-d4 (Surr)	*94*		*65 - 138*
4-Bromofluorobenzene	*101*		*71 - 128*
Dibromofluoromethane (Surr)	*94*		*50 - 150*
Toluene-d8 (Surr)	*96*		*71 - 126*

Lab Sample ID: MB 460-1067398/7
Matrix: Solid
Analysis Batch: 1067398

Client Sample ID: Method Blank
Prep Type: Total/NA

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1-Trichloroethane	0.0010	U	0.0010	0.00023	mg/Kg			10/10/25 20:51	1
1,1,2,2-Tetrachloroethane	0.0010	U	0.0010	0.00052	mg/Kg			10/10/25 20:51	1
1,1,2-Trichloro-1,2,2-trifluoroethane	0.0010	U	0.0010	0.00030	mg/Kg			10/10/25 20:51	1
1,1,2-Trichloroethane	0.0010	U	0.0010	0.00060	mg/Kg			10/10/25 20:51	1
1,1-Dichloroethane	0.0010	U	0.0010	0.00060	mg/Kg			10/10/25 20:51	1
1,1-Dichloroethene	0.0010	U	0.0010	0.00023	mg/Kg			10/10/25 20:51	1
1,2,3-Trichlorobenzene	0.0010	U	0.0010	0.00074	mg/Kg			10/10/25 20:51	1
1,2,4-Trichlorobenzene	0.0010	U	0.0010	0.00036	mg/Kg			10/10/25 20:51	1
1,2,4-Trimethylbenzene	0.0010	U	0.0010	0.00025	mg/Kg			10/10/25 20:51	1
1,2-Dibromo-3-Chloropropane	0.0010	U	0.0010	0.00046	mg/Kg			10/10/25 20:51	1
1,2-Dichlorobenzene	0.0010	U	0.0010	0.00036	mg/Kg			10/10/25 20:51	1
1,2-Dichloroethane	0.0010	U	0.0010	0.00030	mg/Kg			10/10/25 20:51	1
1,2-Dichloropropane	0.0010	U	0.0010	0.00042	mg/Kg			10/10/25 20:51	1
1,3,5-Trimethylbenzene	0.0010	U	0.0010	0.00031	mg/Kg			10/10/25 20:51	1
1,3-Dichlorobenzene	0.0010	U	0.0010	0.00037	mg/Kg			10/10/25 20:51	1
1,4-Dichlorobenzene	0.0010	U	0.0010	0.00052	mg/Kg			10/10/25 20:51	1
2-Butanone (MEK)	0.0050	U	0.0050	0.00037	mg/Kg			10/10/25 20:51	1
2-Hexanone	0.0050	U	0.0050	0.0017	mg/Kg			10/10/25 20:51	1
4-Methyl-2-pentanone (MIBK)	0.0050	U	0.0050	0.0016	mg/Kg			10/10/25 20:51	1
Acetone	0.0060	U	0.0060	0.0057	mg/Kg			10/10/25 20:51	1
Benzene	0.0010	U	0.0010	0.00057	mg/Kg			10/10/25 20:51	1
Bromoform	0.0010	U	0.0010	0.00043	mg/Kg			10/10/25 20:51	1
Bromomethane	0.0020	U	0.0020	0.0010	mg/Kg			10/10/25 20:51	1
Carbon disulfide	0.0010	U	0.0010	0.00027	mg/Kg			10/10/25 20:51	1
Carbon tetrachloride	0.0010	U	0.0010	0.00039	mg/Kg			10/10/25 20:51	1
Chlorobenzene	0.0010	U	0.0010	0.00051	mg/Kg			10/10/25 20:51	1
Chlorobromomethane	0.0010	U	0.0010	0.00060	mg/Kg			10/10/25 20:51	1
Chlorodibromomethane	0.0010	U	0.0010	0.00054	mg/Kg			10/10/25 20:51	1
Chloroethane	0.0010	U	0.0010	0.00052	mg/Kg			10/10/25 20:51	1
Chloroform	0.0010	U	0.0010	0.00097	mg/Kg			10/10/25 20:51	1
Chloromethane	0.0010	U	0.0010	0.00044	mg/Kg			10/10/25 20:51	1

Method: 8260D - Volatile Organic Compounds by GC/MS (Continued)

Lab Sample ID: MB 460-1067398/7
Matrix: Solid
Analysis Batch: 1067398

Client Sample ID: Method Blank
Prep Type: Total/NA

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
cis-1,2-Dichloroethene	0.0010	U	0.0010	0.00036	mg/Kg			10/10/25 20:51	1
cis-1,3-Dichloropropene	0.0010	U	0.0010	0.00027	mg/Kg			10/10/25 20:51	1
Cyclohexane	0.0010	U	0.0010	0.00022	mg/Kg			10/10/25 20:51	1
Dichlorobromomethane	0.0010	U	0.0010	0.00026	mg/Kg			10/10/25 20:51	1
Dichlorodifluoromethane	0.0010	U	0.0010	0.00034	mg/Kg			10/10/25 20:51	1
Ethylbenzene	0.0010	U	0.0010	0.00047	mg/Kg			10/10/25 20:51	1
Ethylene Dibromide	0.0010	U	0.0010	0.00050	mg/Kg			10/10/25 20:51	1
Isopropylbenzene	0.0010	U	0.0010	0.00029	mg/Kg			10/10/25 20:51	1
Methyl acetate	0.0050	U	0.0050	0.0043	mg/Kg			10/10/25 20:51	1
Methyl tert-butyl ether	0.0010	U	0.0010	0.00051	mg/Kg			10/10/25 20:51	1
Methylcyclohexane	0.0010	U	0.0010	0.00050	mg/Kg			10/10/25 20:51	1
Methylene Chloride	0.0020	U	0.0020	0.0011	mg/Kg			10/10/25 20:51	1
m-Xylene & p-Xylene	0.0010	U	0.0010	0.00042	mg/Kg			10/10/25 20:51	1
n-Butylbenzene	0.0010	U	0.0010	0.00029	mg/Kg			10/10/25 20:51	1
N-Propylbenzene	0.0010	U	0.0010	0.00045	mg/Kg			10/10/25 20:51	1
o-Xylene	0.0010	U	0.0010	0.00046	mg/Kg			10/10/25 20:51	1
sec-Butylbenzene	0.0010	U	0.0010	0.00029	mg/Kg			10/10/25 20:51	1
Styrene	0.0010	U	0.0010	0.00028	mg/Kg			10/10/25 20:51	1
tert-Butylbenzene	0.0010	U	0.0010	0.00028	mg/Kg			10/10/25 20:51	1
Tetrachloroethene	0.0010	U	0.0010	0.00031	mg/Kg			10/10/25 20:51	1
Toluene	0.0010	U	0.0010	0.00023	mg/Kg			10/10/25 20:51	1
trans-1,2-Dichloroethene	0.0010	U	0.0010	0.00025	mg/Kg			10/10/25 20:51	1
trans-1,3-Dichloropropene	0.0010	U	0.0010	0.00027	mg/Kg			10/10/25 20:51	1
Trichloroethene	0.0010	U	0.0010	0.00032	mg/Kg			10/10/25 20:51	1
Trichlorofluoromethane	0.0010	U	0.0010	0.00041	mg/Kg			10/10/25 20:51	1
Vinyl chloride	0.0010	U	0.0010	0.00055	mg/Kg			10/10/25 20:51	1
Xylenes, Total	0.0020	U	0.0020	0.00017	mg/Kg			10/10/25 20:51	1

Surrogate	*MB %Recovery*	*MB Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,2-Dichloroethane-d4 (Surr)	*108*		*65 - 138*		*10/10/25 20:51*	*1*
4-Bromofluorobenzene	*100*		*71 - 128*		*10/10/25 20:51*	*1*
Dibromofluoromethane (Surr)	*116*		*50 - 150*		*10/10/25 20:51*	*1*
Toluene-d8 (Surr)	*94*		*71 - 126*		*10/10/25 20:51*	*1*

Lab Sample ID: LCS 460-1067398/3
Matrix: Solid
Analysis Batch: 1067398

Client Sample ID: Lab Control Sample
Prep Type: Total/NA

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
1,1,1-Trichloroethane	0.0200	0.0174		mg/Kg		87	78 - 120
1,1,2,2-Tetrachloroethane	0.0200	0.0196		mg/Kg		98	70 - 133
1,1,2-Trichloro-1,2,2-trifluoroethane	0.0200	0.0177		mg/Kg		89	75 - 121
1,1,2-Trichloroethane	0.0200	0.0209		mg/Kg		104	80 - 120
1,1-Dichloroethane	0.0200	0.0173		mg/Kg		86	72 - 120
1,1-Dichloroethene	0.0200	0.0175		mg/Kg		88	76 - 120
1,2,3-Trichlorobenzene	0.0200	0.0198		mg/Kg		99	77 - 137
1,2,4-Trichlorobenzene	0.0200	0.0192		mg/Kg		96	77 - 136
1,2,4-Trimethylbenzene	0.0200	0.0185		mg/Kg		93	75 - 120

Method: 8260D - Volatile Organic Compounds by GC/MS (Continued)

Lab Sample ID: LCS 460-1067398/3
Matrix: Solid
Analysis Batch: 1067398

Client Sample ID: Lab Control Sample
Prep Type: Total/NA

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
1,2-Dibromo-3-Chloropropane	0.0200	0.0181		mg/Kg		90	80 - 124
1,2-Dichlorobenzene	0.0200	0.0211		mg/Kg		105	80 - 120
1,2-Dichloroethane	0.0200	0.0188		mg/Kg		94	70 - 123
1,2-Dichloropropane	0.0200	0.0178		mg/Kg		89	73 - 124
1,3,5-Trimethylbenzene	0.0200	0.0181		mg/Kg		91	70 - 120
1,3-Dichlorobenzene	0.0200	0.0198		mg/Kg		99	80 - 120
1,4-Dichlorobenzene	0.0200	0.0200		mg/Kg		100	80 - 120
2-Butanone (MEK)	0.100	0.112		mg/Kg		112	64 - 128
2-Hexanone	0.100	0.114		mg/Kg		114	75 - 120
4-Methyl-2-pentanone (MIBK)	0.100	0.117		mg/Kg		117	80 - 120
Acetone	0.100	0.108		mg/Kg		108	58 - 122
Benzene	0.0200	0.0181		mg/Kg		90	75 - 120
Bromoform	0.0200	0.0192		mg/Kg		96	61 - 125
Bromomethane	0.0200	0.0167		mg/Kg		84	37 - 150
Carbon disulfide	0.0200	0.0178		mg/Kg		89	57 - 133
Carbon tetrachloride	0.0200	0.0163		mg/Kg		82	66 - 127
Chlorobenzene	0.0200	0.0191		mg/Kg		95	80 - 120
Chlorobromomethane	0.0200	0.0203		mg/Kg		102	76 - 127
Chlorodibromomethane	0.0200	0.0195		mg/Kg		98	72 - 120
Chloroethane	0.0200	0.0173		mg/Kg		87	60 - 123
Chloroform	0.0200	0.0181		mg/Kg		90	79 - 126
Chloromethane	0.0200	0.0157		mg/Kg		78	46 - 122
cis-1,2-Dichloroethene	0.0200	0.0186		mg/Kg		93	80 - 123
cis-1,3-Dichloropropene	0.0200	0.0186		mg/Kg		93	75 - 120
Cyclohexane	0.0200	0.0181		mg/Kg		91	65 - 132
Dichlorobromomethane	0.0200	0.0189		mg/Kg		94	77 - 124
Dichlorodifluoromethane	0.0200	0.0140		mg/Kg		70	45 - 129
Ethylbenzene	0.0200	0.0184		mg/Kg		92	80 - 120
Ethylene Dibromide	0.0200	0.0214		mg/Kg		107	79 - 120
Isopropylbenzene	0.0200	0.0181		mg/Kg		90	74 - 120
Methyl acetate	0.0400	0.0331		mg/Kg		83	57 - 120
Methyl tert-butyl ether	0.0200	0.0192		mg/Kg		96	74 - 125
Methylcyclohexane	0.0200	0.0172		mg/Kg		86	66 - 125
Methylene Chloride	0.0200	0.0198		mg/Kg		99	78 - 120
m-Xylene & p-Xylene	0.0200	0.0188		mg/Kg		94	80 - 120
n-Butylbenzene	0.0200	0.0174		mg/Kg		87	72 - 120
N-Propylbenzene	0.0200	0.0180		mg/Kg		90	68 - 120
o-Xylene	0.0200	0.0190		mg/Kg		95	80 - 120
sec-Butylbenzene	0.0200	0.0176		mg/Kg		88	78 - 120
Styrene	0.0200	0.0189		mg/Kg		94	80 - 120
tert-Butylbenzene	0.0200	0.0176		mg/Kg		88	80 - 120
Tetrachloroethene	0.0200	0.0185		mg/Kg		92	73 - 120
Toluene	0.0200	0.0179		mg/Kg		89	80 - 120
trans-1,2-Dichloroethene	0.0200	0.0183		mg/Kg		91	78 - 120
trans-1,3-Dichloropropene	0.0200	0.0186		mg/Kg		93	77 - 120
Trichloroethene	0.0200	0.0189		mg/Kg		95	80 - 120
Trichlorofluoromethane	0.0200	0.0183		mg/Kg		91	61 - 130
Vinyl chloride	0.0200	0.0171		mg/Kg		85	54 - 122
Xylenes, Total	0.0400	0.0378		mg/Kg		95	80 - 120

Method: 8260D - Volatile Organic Compounds by GC/MS (Continued)

Surrogate	LCS %Recovery	LCS Qualifier	Limits
1,2-Dichloroethane-d4 (Surr)	94		65 - 138
4-Bromofluorobenzene	101		71 - 128
Dibromofluoromethane (Surr)	96		50 - 150
Toluene-d8 (Surr)	96		71 - 126

Lab Sample ID: LCSD 460-1067398/4
Matrix: Solid
Analysis Batch: 1067398

Client Sample ID: Lab Control Sample Dup
Prep Type: Total/NA

Analyte			Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
1,1,1-Trichloroethane			0.0200	0.0199		mg/Kg		100	78 - 120	14	30
1,1,2,2-Tetrachloroethane			0.0200	0.0201		mg/Kg		101	70 - 133	3	30
1,1,2-Trichloro-1,2,2-trifluoroethane			0.0200	0.0211		mg/Kg		105	75 - 121	17	30
1,1,2-Trichloroethane			0.0200	0.0214		mg/Kg		107	80 - 120	2	30
1,1-Dichloroethane			0.0200	0.0194		mg/Kg		97	72 - 120	12	30
1,1-Dichloroethene			0.0200	0.0203		mg/Kg		102	76 - 120	15	30
1,2,3-Trichlorobenzene			0.0200	0.0215		mg/Kg		107	77 - 137	8	30
1,2,4-Trichlorobenzene			0.0200	0.0206		mg/Kg		103	77 - 136	7	30
1,2,4-Trimethylbenzene			0.0200	0.0203		mg/Kg		101	75 - 120	9	30
1,2-Dibromo-3-Chloropropane			0.0200	0.0180		mg/Kg		90	80 - 124	0	30
1,2-Dichlorobenzene			0.0200	0.0223		mg/Kg		112	80 - 120	6	30
1,2-Dichloroethane			0.0200	0.0202		mg/Kg		101	70 - 123	7	30
1,2-Dichloropropane			0.0200	0.0194		mg/Kg		97	73 - 124	8	30
1,3,5-Trimethylbenzene			0.0200	0.0198		mg/Kg		99	70 - 120	9	30
1,3-Dichlorobenzene			0.0200	0.0211		mg/Kg		106	80 - 120	6	30
1,4-Dichlorobenzene			0.0200	0.0216		mg/Kg		108	80 - 120	7	30
2-Butanone (MEK)			0.100	0.117		mg/Kg		117	64 - 128	4	30
2-Hexanone			0.100	0.122	*	mg/Kg		122	75 - 120	7	30
4-Methyl-2-pentanone (MIBK)			0.100	0.124	*	mg/Kg		124	80 - 120	6	30
Acetone			0.100	0.118		mg/Kg		118	58 - 122	10	30
Benzene			0.0200	0.0193		mg/Kg		97	75 - 120	7	30
Bromoform			0.0200	0.0199		mg/Kg		99	61 - 125	3	30
Bromomethane			0.0200	0.0198		mg/Kg		99	37 - 150	17	30
Carbon disulfide			0.0200	0.0208		mg/Kg		104	57 - 133	16	30
Carbon tetrachloride			0.0200	0.0188		mg/Kg		94	66 - 127	14	30
Chlorobenzene			0.0200	0.0202		mg/Kg		101	80 - 120	6	30
Chlorobromomethane			0.0200	0.0216		mg/Kg		108	76 - 127	6	30
Chlorodibromomethane			0.0200	0.0202		mg/Kg		101	72 - 120	3	30
Chloroethane			0.0200	0.0205		mg/Kg		102	60 - 123	17	30
Chloroform			0.0200	0.0196		mg/Kg		98	79 - 126	8	30
Chloromethane			0.0200	0.0185		mg/Kg		93	46 - 122	17	30
cis-1,2-Dichloroethene			0.0200	0.0210		mg/Kg		105	80 - 123	12	30
cis-1,3-Dichloropropene			0.0200	0.0193		mg/Kg		96	75 - 120	3	30
Cyclohexane			0.0200	0.0212		mg/Kg		106	65 - 132	15	30
Dichlorobromomethane			0.0200	0.0202		mg/Kg		101	77 - 124	7	30
Dichlorodifluoromethane			0.0200	0.0247	*	mg/Kg		124	45 - 129	56	30
Ethylbenzene			0.0200	0.0201		mg/Kg		101	80 - 120	9	30
Ethylene Dibromide			0.0200	0.0217		mg/Kg		108	79 - 120	1	30
Isopropylbenzene			0.0200	0.0201		mg/Kg		101	74 - 120	11	30
Methyl acetate			0.0400	0.0335		mg/Kg		84	57 - 120	1	30
Methyl tert-butyl ether			0.0200	0.0195		mg/Kg		98	74 - 125	2	30

Method: 8260D - Volatile Organic Compounds by GC/MS (Continued)

Lab Sample ID: LCSD 460-1067398/4
Matrix: Solid
Analysis Batch: 1067398

Client Sample ID: Lab Control Sample Dup
Prep Type: Total/NA

Analyte	Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Methylcyclohexane	0.0200	0.0208		mg/Kg		104	66 - 125	19	30
Methylene Chloride	0.0200	0.0218		mg/Kg		109	78 - 120	10	30
m-Xylene & p-Xylene	0.0200	0.0206		mg/Kg		103	80 - 120	9	30
n-Butylbenzene	0.0200	0.0195		mg/Kg		97	72 - 120	11	30
N-Propylbenzene	0.0200	0.0207		mg/Kg		103	68 - 120	14	30
o-Xylene	0.0200	0.0211		mg/Kg		105	80 - 120	10	30
sec-Butylbenzene	0.0200	0.0198		mg/Kg		99	78 - 120	11	30
Styrene	0.0200	0.0203		mg/Kg		101	80 - 120	7	30
tert-Butylbenzene	0.0200	0.0198		mg/Kg		99	80 - 120	12	30
Tetrachloroethene	0.0200	0.0206		mg/Kg		103	73 - 120	11	30
Toluene	0.0200	0.0195		mg/Kg		98	80 - 120	9	30
trans-1,2-Dichloroethene	0.0200	0.0206		mg/Kg		103	78 - 120	12	30
trans-1,3-Dichloropropene	0.0200	0.0188		mg/Kg		94	77 - 120	1	30
Trichloroethene	0.0200	0.0201		mg/Kg		100	80 - 120	6	30
Trichlorofluoromethane	0.0200	0.0222		mg/Kg		111	61 - 130	20	30
Vinyl chloride	0.0200	0.0203		mg/Kg		102	54 - 122	18	30
Xylenes, Total	0.0400	0.0417		mg/Kg		104	80 - 120	10	30

Surrogate	*LCSD %Recovery*	*LCSD Qualifier*	*Limits*
1,2-Dichloroethane-d4 (Surr)	*95*		*65 - 138*
4-Bromofluorobenzene	*101*		*71 - 128*
Dibromofluoromethane (Surr)	*96*		*50 - 150*
Toluene-d8 (Surr)	*95*		*71 - 126*

Lab Sample ID: MB 460-1067399/6
Matrix: Solid
Analysis Batch: 1067399

Client Sample ID: Method Blank
Prep Type: Total/NA

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1-Trichloroethane	0.0010	U	0.0010	0.00023	mg/Kg			10/11/25 06:50	1
1,1,2,2-Tetrachloroethane	0.0010	U	0.0010	0.00052	mg/Kg			10/11/25 06:50	1
1,1,2-Trichloro-1,2,2-trifluoroethane	0.0010	U	0.0010	0.00030	mg/Kg			10/11/25 06:50	1
1,1,2-Trichloroethane	0.0010	U	0.0010	0.00060	mg/Kg			10/11/25 06:50	1
1,1-Dichloroethane	0.0010	U	0.0010	0.00060	mg/Kg			10/11/25 06:50	1
1,1-Dichloroethene	0.0010	U	0.0010	0.00023	mg/Kg			10/11/25 06:50	1
1,2,3-Trichlorobenzene	0.0010	U	0.0010	0.00074	mg/Kg			10/11/25 06:50	1
1,2,4-Trichlorobenzene	0.0010	U	0.0010	0.00036	mg/Kg			10/11/25 06:50	1
1,2,4-Trimethylbenzene	0.0010	U	0.0010	0.00025	mg/Kg			10/11/25 06:50	1
1,2-Dibromo-3-Chloropropane	0.0010	U	0.0010	0.00046	mg/Kg			10/11/25 06:50	1
1,2-Dichlorobenzene	0.0010	U	0.0010	0.00036	mg/Kg			10/11/25 06:50	1
1,2-Dichloroethane	0.0010	U	0.0010	0.00030	mg/Kg			10/11/25 06:50	1
1,2-Dichloropropane	0.0010	U	0.0010	0.00042	mg/Kg			10/11/25 06:50	1
1,3,5-Trimethylbenzene	0.0010	U	0.0010	0.00031	mg/Kg			10/11/25 06:50	1
1,3-Dichlorobenzene	0.0010	U	0.0010	0.00037	mg/Kg			10/11/25 06:50	1
1,4-Dichlorobenzene	0.0010	U	0.0010	0.00052	mg/Kg			10/11/25 06:50	1
2-Butanone (MEK)	0.0050	U	0.0050	0.00037	mg/Kg			10/11/25 06:50	1
2-Hexanone	0.0050	U	0.0050	0.0017	mg/Kg			10/11/25 06:50	1
4-Methyl-2-pentanone (MIBK)	0.0050	U	0.0050	0.0016	mg/Kg			10/11/25 06:50	1

Method: 8260D - Volatile Organic Compounds by GC/MS (Continued)

Lab Sample ID: MB 460-1067399/6
Matrix: Solid
Analysis Batch: 1067399

Client Sample ID: Method Blank
Prep Type: Total/NA

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Acetone	0.0060	U	0.0060	0.0057	mg/Kg			10/11/25 06:50	1
Benzene	0.0010	U	0.0010	0.00057	mg/Kg			10/11/25 06:50	1
Bromoform	0.0010	U	0.0010	0.00043	mg/Kg			10/11/25 06:50	1
Bromomethane	0.0020	U	0.0020	0.0010	mg/Kg			10/11/25 06:50	1
Carbon disulfide	0.0010	U	0.0010	0.00027	mg/Kg			10/11/25 06:50	1
Carbon tetrachloride	0.0010	U	0.0010	0.00039	mg/Kg			10/11/25 06:50	1
Chlorobenzene	0.0010	U	0.0010	0.00051	mg/Kg			10/11/25 06:50	1
Chlorobromomethane	0.0010	U	0.0010	0.00060	mg/Kg			10/11/25 06:50	1
Chlorodibromomethane	0.0010	U	0.0010	0.00054	mg/Kg			10/11/25 06:50	1
Chloroethane	0.0010	U	0.0010	0.00052	mg/Kg			10/11/25 06:50	1
Chloroform	0.0010	U	0.0010	0.00097	mg/Kg			10/11/25 06:50	1
Chloromethane	0.0010	U	0.0010	0.00044	mg/Kg			10/11/25 06:50	1
cis-1,2-Dichloroethene	0.0010	U	0.0010	0.00036	mg/Kg			10/11/25 06:50	1
cis-1,3-Dichloropropene	0.0010	U	0.0010	0.00027	mg/Kg			10/11/25 06:50	1
Cyclohexane	0.0010	U	0.0010	0.00022	mg/Kg			10/11/25 06:50	1
Dichlorobromomethane	0.0010	U	0.0010	0.00026	mg/Kg			10/11/25 06:50	1
Dichlorodifluoromethane	0.0010	U	0.0010	0.00034	mg/Kg			10/11/25 06:50	1
Ethylbenzene	0.0010	U	0.0010	0.00047	mg/Kg			10/11/25 06:50	1
Ethylene Dibromide	0.0010	U	0.0010	0.00050	mg/Kg			10/11/25 06:50	1
Isopropylbenzene	0.0010	U	0.0010	0.00029	mg/Kg			10/11/25 06:50	1
Methyl acetate	0.0050	U	0.0050	0.0043	mg/Kg			10/11/25 06:50	1
Methyl tert-butyl ether	0.0010	U	0.0010	0.00051	mg/Kg			10/11/25 06:50	1
Methylcyclohexane	0.0010	U	0.0010	0.00050	mg/Kg			10/11/25 06:50	1
Methylene Chloride	0.0020	U	0.0020	0.0011	mg/Kg			10/11/25 06:50	1
m-Xylene & p-Xylene	0.0010	U	0.0010	0.00042	mg/Kg			10/11/25 06:50	1
n-Butylbenzene	0.0010	U	0.0010	0.00029	mg/Kg			10/11/25 06:50	1
N-Propylbenzene	0.0010	U	0.0010	0.00045	mg/Kg			10/11/25 06:50	1
o-Xylene	0.0010	U	0.0010	0.00046	mg/Kg			10/11/25 06:50	1
sec-Butylbenzene	0.0010	U	0.0010	0.00029	mg/Kg			10/11/25 06:50	1
Styrene	0.0010	U	0.0010	0.00028	mg/Kg			10/11/25 06:50	1
tert-Butylbenzene	0.0010	U	0.0010	0.00028	mg/Kg			10/11/25 06:50	1
Tetrachloroethene	0.0010	U	0.0010	0.00031	mg/Kg			10/11/25 06:50	1
Toluene	0.0010	U	0.0010	0.00023	mg/Kg			10/11/25 06:50	1
trans-1,2-Dichloroethene	0.0010	U	0.0010	0.00025	mg/Kg			10/11/25 06:50	1
trans-1,3-Dichloropropene	0.0010	U	0.0010	0.00027	mg/Kg			10/11/25 06:50	1
Trichloroethene	0.0010	U	0.0010	0.00032	mg/Kg			10/11/25 06:50	1
Trichlorofluoromethane	0.0010	U	0.0010	0.00041	mg/Kg			10/11/25 06:50	1
Vinyl chloride	0.0010	U	0.0010	0.00055	mg/Kg			10/11/25 06:50	1
Xylenes, Total	0.0020	U	0.0020	0.00017	mg/Kg			10/11/25 06:50	1

Surrogate	*MB %Recovery*	*MB Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,2-Dichloroethane-d4 (Surr)	*111*		*65 - 138*		*10/11/25 06:50*	*1*
4-Bromofluorobenzene	*100*		*71 - 128*		*10/11/25 06:50*	*1*
Dibromofluoromethane (Surr)	*122*		*50 - 150*		*10/11/25 06:50*	*1*
Toluene-d8 (Surr)	*93*		*71 - 126*		*10/11/25 06:50*	*1*

Method: 8260D - Volatile Organic Compounds by GC/MS (Continued)

Lab Sample ID: LCS 460-1067399/2
Matrix: Solid
Analysis Batch: 1067399

Client Sample ID: Lab Control Sample
Prep Type: Total/NA

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
1,1,1-Trichloroethane	0.0200	0.0182		mg/Kg		91	78 - 120
1,1,2,2-Tetrachloroethane	0.0200	0.0186		mg/Kg		93	70 - 133
1,1,2-Trichloro-1,2,2-trifluoroethane	0.0200	0.0199		mg/Kg		99	75 - 121
1,1,2-Trichloroethane	0.0200	0.0208		mg/Kg		104	80 - 120
1,1-Dichloroethane	0.0200	0.0177		mg/Kg		89	72 - 120
1,1-Dichloroethene	0.0200	0.0187		mg/Kg		94	76 - 120
1,2,3-Trichlorobenzene	0.0200	0.0192		mg/Kg		96	77 - 137
1,2,4-Trichlorobenzene	0.0200	0.0173		mg/Kg		86	77 - 136
1,2,4-Trimethylbenzene	0.0200	0.0178		mg/Kg		89	75 - 120
1,2-Dibromo-3-Chloropropane	0.0200	0.0171		mg/Kg		85	80 - 124
1,2-Dichlorobenzene	0.0200	0.0204		mg/Kg		102	80 - 120
1,2-Dichloroethane	0.0200	0.0188		mg/Kg		94	70 - 123
1,2-Dichloropropane	0.0200	0.0176		mg/Kg		88	73 - 124
1,3,5-Trimethylbenzene	0.0200	0.0177		mg/Kg		89	70 - 120
1,3-Dichlorobenzene	0.0200	0.0187		mg/Kg		93	80 - 120
1,4-Dichlorobenzene	0.0200	0.0190		mg/Kg		95	80 - 120
2-Butanone (MEK)	0.100	0.116		mg/Kg		116	64 - 128
2-Hexanone	0.100	0.114		mg/Kg		114	75 - 120
4-Methyl-2-pentanone (MIBK)	0.100	0.120		mg/Kg		120	80 - 120
Acetone	0.100	0.104		mg/Kg		104	58 - 122
Benzene	0.0200	0.0180		mg/Kg		90	75 - 120
Bromoform	0.0200	0.0191		mg/Kg		96	61 - 125
Bromomethane	0.0200	0.0178		mg/Kg		89	37 - 150
Carbon disulfide	0.0200	0.0186		mg/Kg		93	57 - 133
Carbon tetrachloride	0.0200	0.0177		mg/Kg		89	66 - 127
Chlorobenzene	0.0200	0.0190		mg/Kg		95	80 - 120
Chlorobromomethane	0.0200	0.0211		mg/Kg		105	76 - 127
Chlorodibromomethane	0.0200	0.0194		mg/Kg		97	72 - 120
Chloroethane	0.0200	0.0190		mg/Kg		95	60 - 123
Chloroform	0.0200	0.0183		mg/Kg		91	79 - 126
Chloromethane	0.0200	0.0165		mg/Kg		82	46 - 122
cis-1,2-Dichloroethene	0.0200	0.0195		mg/Kg		97	80 - 123
cis-1,3-Dichloropropene	0.0200	0.0178		mg/Kg		89	75 - 120
Cyclohexane	0.0200	0.0196		mg/Kg		98	65 - 132
Dichlorobromomethane	0.0200	0.0188		mg/Kg		94	77 - 124
Dichlorodifluoromethane	0.0200	0.0187		mg/Kg		94	45 - 129
Ethylbenzene	0.0200	0.0189		mg/Kg		95	80 - 120
Ethylene Dibromide	0.0200	0.0211		mg/Kg		105	79 - 120
Isopropylbenzene	0.0200	0.0182		mg/Kg		91	74 - 120
Methyl acetate	0.0400	0.0311		mg/Kg		78	57 - 120
Methyl tert-butyl ether	0.0200	0.0185		mg/Kg		92	74 - 125
Methylcyclohexane	0.0200	0.0188		mg/Kg		94	66 - 125
Methylene Chloride	0.0200	0.0201		mg/Kg		101	78 - 120
m-Xylene & p-Xylene	0.0200	0.0187		mg/Kg		93	80 - 120
n-Butylbenzene	0.0200	0.0165		mg/Kg		83	72 - 120
N-Propylbenzene	0.0200	0.0181		mg/Kg		91	68 - 120
o-Xylene	0.0200	0.0190		mg/Kg		95	80 - 120
sec-Butylbenzene	0.0200	0.0175		mg/Kg		87	78 - 120

Method: 8260D - Volatile Organic Compounds by GC/MS (Continued)

Lab Sample ID: LCS 460-1067399/2
Matrix: Solid
Analysis Batch: 1067399

Client Sample ID: Lab Control Sample
Prep Type: Total/NA

Analyte			Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits		
Styrene			0.0200	0.0183		mg/Kg		91	80 - 120		
tert-Butylbenzene			0.0200	0.0180		mg/Kg		90	80 - 120		
Tetrachloroethene			0.0200	0.0195		mg/Kg		97	73 - 120		
Toluene			0.0200	0.0180		mg/Kg		90	80 - 120		
trans-1,2-Dichloroethene			0.0200	0.0191		mg/Kg		96	78 - 120		
trans-1,3-Dichloropropene			0.0200	0.0175		mg/Kg		88	77 - 120		
Trichloroethene			0.0200	0.0190		mg/Kg		95	80 - 120		
Trichlorofluoromethane			0.0200	0.0208		mg/Kg		104	61 - 130		
Vinyl chloride			0.0200	0.0187		mg/Kg		94	54 - 122		
Xylenes, Total			0.0400	0.0377		mg/Kg		94	80 - 120		

Surrogate	*LCS %Recovery*	*LCS Qualifier*	*Limits*
1,2-Dichloroethane-d4 (Surr)	*93*		*65 - 138*
4-Bromofluorobenzene	*102*		*71 - 128*
Dibromofluoromethane (Surr)	*95*		*50 - 150*
Toluene-d8 (Surr)	*95*		*71 - 126*

Lab Sample ID: LCSD 460-1067399/3
Matrix: Solid
Analysis Batch: 1067399

Client Sample ID: Lab Control Sample Dup
Prep Type: Total/NA

Analyte			Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
1,1,1-Trichloroethane			0.0200	0.0180		mg/Kg		90	78 - 120	1	30
1,1,2,2-Tetrachloroethane			0.0200	0.0206		mg/Kg		103	70 - 133	10	30
1,1,2-Trichloro-1,2,2-trifluoroethane			0.0200	0.0188		mg/Kg		94	75 - 121	6	30
1,1,2-Trichloroethane			0.0200	0.0223		mg/Kg		112	80 - 120	7	30
1,1-Dichloroethane			0.0200	0.0185		mg/Kg		92	72 - 120	4	30
1,1-Dichloroethene			0.0200	0.0185		mg/Kg		92	76 - 120	1	30
1,2,3-Trichlorobenzene			0.0200	0.0215		mg/Kg		108	77 - 137	12	30
1,2,4-Trichlorobenzene			0.0200	0.0206		mg/Kg		103	77 - 136	18	30
1,2,4-Trimethylbenzene			0.0200	0.0195		mg/Kg		97	75 - 120	9	30
1,2-Dibromo-3-Chloropropane			0.0200	0.0199		mg/Kg		100	80 - 124	15	30
1,2-Dichlorobenzene			0.0200	0.0227		mg/Kg		114	80 - 120	11	30
1,2-Dichloroethane			0.0200	0.0201		mg/Kg		101	70 - 123	7	30
1,2-Dichloropropane			0.0200	0.0187		mg/Kg		93	73 - 124	6	30
1,3,5-Trimethylbenzene			0.0200	0.0190		mg/Kg		95	70 - 120	7	30
1,3-Dichlorobenzene			0.0200	0.0208		mg/Kg		104	80 - 120	11	30
1,4-Dichlorobenzene			0.0200	0.0211		mg/Kg		106	80 - 120	11	30
2-Butanone (MEK)			0.100	0.121		mg/Kg		121	64 - 128	4	30
2-Hexanone			0.100	0.121	*	mg/Kg		121	75 - 120	6	30
4-Methyl-2-pentanone (MIBK)			0.100	0.126	*	mg/Kg		126	80 - 120	6	30
Acetone			0.100	0.115		mg/Kg		115	58 - 122	10	30
Benzene			0.0200	0.0187		mg/Kg		93	75 - 120	4	30
Bromoform			0.0200	0.0207		mg/Kg		103	61 - 125	8	30
Bromomethane			0.0200	0.0155		mg/Kg		78	37 - 150	14	30
Carbon disulfide			0.0200	0.0187		mg/Kg		93	57 - 133	0	30
Carbon tetrachloride			0.0200	0.0172		mg/Kg		86	66 - 127	3	30
Chlorobenzene			0.0200	0.0199		mg/Kg		99	80 - 120	5	30

Method: 8260D - Volatile Organic Compounds by GC/MS (Continued)

Lab Sample ID: LCSD 460-1067399/3
Matrix: Solid
Analysis Batch: 1067399

Client Sample ID: Lab Control Sample Dup
Prep Type: Total/NA

Analyte	Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Chlorobromomethane	0.0200	0.0221		mg/Kg		110	76 - 127	5	30
Chlorodibromomethane	0.0200	0.0204		mg/Kg		102	72 - 120	5	30
Chloroethane	0.0200	0.0178		mg/Kg		89	60 - 123	6	30
Chloroform	0.0200	0.0192		mg/Kg		96	79 - 126	5	30
Chloromethane	0.0200	0.0167		mg/Kg		83	46 - 122	1	30
cis-1,2-Dichloroethene	0.0200	0.0203		mg/Kg		102	80 - 123	4	30
cis-1,3-Dichloropropene	0.0200	0.0184		mg/Kg		92	75 - 120	3	30
Cyclohexane	0.0200	0.0190		mg/Kg		95	65 - 132	3	30
Dichlorobromomethane	0.0200	0.0204		mg/Kg		102	77 - 124	8	30
Dichlorodifluoromethane	0.0200	0.0161		mg/Kg		81	45 - 129	15	30
Ethylbenzene	0.0200	0.0196		mg/Kg		98	80 - 120	4	30
Ethylene Dibromide	0.0200	0.0225		mg/Kg		113	79 - 120	7	30
Isopropylbenzene	0.0200	0.0188		mg/Kg		94	74 - 120	3	30
Methyl acetate	0.0400	0.0363		mg/Kg		91	57 - 120	15	30
Methyl tert-butyl ether	0.0200	0.0200		mg/Kg		100	74 - 125	8	30
Methylcyclohexane	0.0200	0.0185		mg/Kg		92	66 - 125	2	30
Methylene Chloride	0.0200	0.0215		mg/Kg		107	78 - 120	6	30
m-Xylene & p-Xylene	0.0200	0.0198		mg/Kg		99	80 - 120	6	30
n-Butylbenzene	0.0200	0.0182		mg/Kg		91	72 - 120	9	30
N-Propylbenzene	0.0200	0.0190		mg/Kg		95	68 - 120	4	30
o-Xylene	0.0200	0.0201		mg/Kg		101	80 - 120	6	30
sec-Butylbenzene	0.0200	0.0185		mg/Kg		92	78 - 120	6	30
Styrene	0.0200	0.0199		mg/Kg		100	80 - 120	9	30
tert-Butylbenzene	0.0200	0.0186		mg/Kg		93	80 - 120	3	30
Tetrachloroethene	0.0200	0.0194		mg/Kg		97	73 - 120	1	30
Toluene	0.0200	0.0186		mg/Kg		93	80 - 120	3	30
trans-1,2-Dichloroethene	0.0200	0.0195		mg/Kg		98	78 - 120	2	30
trans-1,3-Dichloropropene	0.0200	0.0180		mg/Kg		90	77 - 120	3	30
Trichloroethene	0.0200	0.0194		mg/Kg		97	80 - 120	2	30
Trichlorofluoromethane	0.0200	0.0185		mg/Kg		93	61 - 130	11	30
Vinyl chloride	0.0200	0.0172		mg/Kg		86	54 - 122	9	30
Xylenes, Total	0.0400	0.0399		mg/Kg		100	80 - 120	6	30

Surrogate	*LCSD %Recovery*	*LCSD Qualifier*	*Limits*
1,2-Dichloroethane-d4 (Surr)	*95*		*65 - 138*
4-Bromofluorobenzene	*102*		*71 - 128*
Dibromofluoromethane (Surr)	*96*		*50 - 150*
Toluene-d8 (Surr)	*94*		*71 - 126*

Lab Sample ID: MB 460-1067421/7
Matrix: Solid
Analysis Batch: 1067421

Client Sample ID: Method Blank
Prep Type: Total/NA

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1-Trichloroethane	0.0010	U	0.0010	0.00023	mg/Kg			10/10/25 20:14	1
1,1,2,2-Tetrachloroethane	0.0010	U	0.0010	0.00052	mg/Kg			10/10/25 20:14	1
1,1,2-Trichloro-1,2,2-trifluoroethane	0.0010	U	0.0010	0.00030	mg/Kg			10/10/25 20:14	1
1,1,2-Trichloroethane	0.0010	U	0.0010	0.00060	mg/Kg			10/10/25 20:14	1

Method: 8260D - Volatile Organic Compounds by GC/MS (Continued)

Lab Sample ID: MB 460-1067421/7
Matrix: Solid
Analysis Batch: 1067421

Client Sample ID: Method Blank
Prep Type: Total/NA

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1-Dichloroethane	0.0010	U	0.0010	0.00060	mg/Kg			10/10/25 20:14	1
1,1-Dichloroethene	0.0010	U	0.0010	0.00023	mg/Kg			10/10/25 20:14	1
1,2,3-Trichlorobenzene	0.0010	U	0.0010	0.00074	mg/Kg			10/10/25 20:14	1
1,2,4-Trichlorobenzene	0.0010	U	0.0010	0.00036	mg/Kg			10/10/25 20:14	1
1,2,4-Trimethylbenzene	0.0010	U	0.0010	0.00025	mg/Kg			10/10/25 20:14	1
1,2-Dibromo-3-Chloropropane	0.0010	U	0.0010	0.00046	mg/Kg			10/10/25 20:14	1
1,2-Dichlorobenzene	0.0010	U	0.0010	0.00036	mg/Kg			10/10/25 20:14	1
1,2-Dichloroethane	0.0010	U	0.0010	0.00030	mg/Kg			10/10/25 20:14	1
1,2-Dichloropropane	0.0010	U	0.0010	0.00042	mg/Kg			10/10/25 20:14	1
1,3,5-Trimethylbenzene	0.0010	U	0.0010	0.00031	mg/Kg			10/10/25 20:14	1
1,3-Dichlorobenzene	0.0010	U	0.0010	0.00037	mg/Kg			10/10/25 20:14	1
1,4-Dichlorobenzene	0.0010	U	0.0010	0.00052	mg/Kg			10/10/25 20:14	1
2-Butanone (MEK)	0.0050	U	0.0050	0.00037	mg/Kg			10/10/25 20:14	1
2-Hexanone	0.0050	U	0.0050	0.0017	mg/Kg			10/10/25 20:14	1
4-Methyl-2-pentanone (MIBK)	0.0050	U	0.0050	0.0016	mg/Kg			10/10/25 20:14	1
Acetone	0.0060	U	0.0060	0.0057	mg/Kg			10/10/25 20:14	1
Benzene	0.0010	U	0.0010	0.00057	mg/Kg			10/10/25 20:14	1
Bromoform	0.0010	U	0.0010	0.00043	mg/Kg			10/10/25 20:14	1
Bromomethane	0.0020	U	0.0020	0.0010	mg/Kg			10/10/25 20:14	1
Carbon disulfide	0.0010	U	0.0010	0.00027	mg/Kg			10/10/25 20:14	1
Carbon tetrachloride	0.0010	U	0.0010	0.00039	mg/Kg			10/10/25 20:14	1
Chlorobenzene	0.0010	U	0.0010	0.00051	mg/Kg			10/10/25 20:14	1
Chlorobromomethane	0.0010	U	0.0010	0.00060	mg/Kg			10/10/25 20:14	1
Chlorodibromomethane	0.0010	U	0.0010	0.00054	mg/Kg			10/10/25 20:14	1
Chloroethane	0.0010	U	0.0010	0.00052	mg/Kg			10/10/25 20:14	1
Chloroform	0.0010	U	0.0010	0.00097	mg/Kg			10/10/25 20:14	1
Chloromethane	0.0010	U	0.0010	0.00044	mg/Kg			10/10/25 20:14	1
cis-1,2-Dichloroethene	0.0010	U	0.0010	0.00036	mg/Kg			10/10/25 20:14	1
cis-1,3-Dichloropropene	0.0010	U	0.0010	0.00027	mg/Kg			10/10/25 20:14	1
Cyclohexane	0.0010	U	0.0010	0.00022	mg/Kg			10/10/25 20:14	1
Dichlorobromomethane	0.0010	U	0.0010	0.00026	mg/Kg			10/10/25 20:14	1
Dichlorodifluoromethane	0.0010	U	0.0010	0.00034	mg/Kg			10/10/25 20:14	1
Ethylbenzene	0.0010	U	0.0010	0.00047	mg/Kg			10/10/25 20:14	1
Ethylene Dibromide	0.0010	U	0.0010	0.00050	mg/Kg			10/10/25 20:14	1
Isopropylbenzene	0.0010	U	0.0010	0.00029	mg/Kg			10/10/25 20:14	1
Methyl acetate	0.0050	U	0.0050	0.0043	mg/Kg			10/10/25 20:14	1
Methyl tert-butyl ether	0.0010	U	0.0010	0.00051	mg/Kg			10/10/25 20:14	1
Methylcyclohexane	0.0010	U	0.0010	0.00050	mg/Kg			10/10/25 20:14	1
Methylene Chloride	0.0020	U	0.0020	0.0011	mg/Kg			10/10/25 20:14	1
m-Xylene & p-Xylene	0.0010	U	0.0010	0.00042	mg/Kg			10/10/25 20:14	1
n-Butylbenzene	0.0010	U	0.0010	0.00029	mg/Kg			10/10/25 20:14	1
N-Propylbenzene	0.0010	U	0.0010	0.00045	mg/Kg			10/10/25 20:14	1
o-Xylene	0.0010	U	0.0010	0.00046	mg/Kg			10/10/25 20:14	1
sec-Butylbenzene	0.0010	U	0.0010	0.00029	mg/Kg			10/10/25 20:14	1
Styrene	0.0010	U	0.0010	0.00028	mg/Kg			10/10/25 20:14	1
tert-Butylbenzene	0.0010	U	0.0010	0.00028	mg/Kg			10/10/25 20:14	1
Tetrachloroethene	0.0010	U	0.0010	0.00031	mg/Kg			10/10/25 20:14	1
Toluene	0.0010	U	0.0010	0.00023	mg/Kg			10/10/25 20:14	1
trans-1,2-Dichloroethene	0.0010	U	0.0010	0.00025	mg/Kg			10/10/25 20:14	1

Method: 8260D - Volatile Organic Compounds by GC/MS (Continued)

Lab Sample ID: MB 460-1067421/7
Matrix: Solid
Analysis Batch: 1067421

Client Sample ID: Method Blank
Prep Type: Total/NA

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
trans-1,3-Dichloropropene	0.0010	U	0.0010	0.00027	mg/Kg			10/10/25 20:14	1
Trichloroethene	0.0010	U	0.0010	0.00032	mg/Kg			10/10/25 20:14	1
Trichlorofluoromethane	0.0010	U	0.0010	0.00041	mg/Kg			10/10/25 20:14	1
Vinyl chloride	0.0010	U	0.0010	0.00055	mg/Kg			10/10/25 20:14	1
Xylenes, Total	0.0020	U	0.0020	0.00017	mg/Kg			10/10/25 20:14	1

Surrogate	*MB %Recovery*	*MB Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,2-Dichloroethane-d4 (Surr)	*90*		*65 - 138*		*10/10/25 20:14*	*1*
4-Bromofluorobenzene	*91*		*71 - 128*		*10/10/25 20:14*	*1*
Dibromofluoromethane (Surr)	*93*		*50 - 150*		*10/10/25 20:14*	*1*
Toluene-d8 (Surr)	*101*		*71 - 126*		*10/10/25 20:14*	*1*

Lab Sample ID: LCS 460-1067421/3
Matrix: Solid
Analysis Batch: 1067421

Client Sample ID: Lab Control Sample
Prep Type: Total/NA

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
1,1,1-Trichloroethane	0.0200	0.0174		mg/Kg		87	78 - 120
1,1,2,2-Tetrachloroethane	0.0200	0.0219		mg/Kg		110	70 - 133
1,1,2-Trichloro-1,2,2-trifluoroethane	0.0200	0.0194		mg/Kg		97	75 - 121
1,1,2-Trichloroethane	0.0200	0.0214		mg/Kg		107	80 - 120
1,1-Dichloroethane	0.0200	0.0195		mg/Kg		98	72 - 120
1,1-Dichloroethene	0.0200	0.0207		mg/Kg		104	76 - 120
1,2,3-Trichlorobenzene	0.0200	0.0189		mg/Kg		95	77 - 137
1,2,4-Trichlorobenzene	0.0200	0.0177		mg/Kg		89	77 - 136
1,2,4-Trimethylbenzene	0.0200	0.0211		mg/Kg		106	75 - 120
1,2-Dibromo-3-Chloropropane	0.0200	0.0186		mg/Kg		93	80 - 124
1,2-Dichlorobenzene	0.0200	0.0206		mg/Kg		103	80 - 120
1,2-Dichloroethane	0.0200	0.0168		mg/Kg		84	70 - 123
1,2-Dichloropropane	0.0200	0.0201		mg/Kg		101	73 - 124
1,3,5-Trimethylbenzene	0.0200	0.0210		mg/Kg		105	70 - 120
1,3-Dichlorobenzene	0.0200	0.0207		mg/Kg		103	80 - 120
1,4-Dichlorobenzene	0.0200	0.0199		mg/Kg		100	80 - 120
2-Butanone (MEK)	0.100	0.115		mg/Kg		115	64 - 128
2-Hexanone	0.100	0.106		mg/Kg		106	75 - 120
4-Methyl-2-pentanone (MIBK)	0.100	0.108		mg/Kg		108	80 - 120
Acetone	0.100	0.100		mg/Kg		100	58 - 122
Benzene	0.0200	0.0214		mg/Kg		107	75 - 120
Bromoform	0.0200	0.0186		mg/Kg		93	61 - 125
Bromomethane	0.0200	0.0129		mg/Kg		65	37 - 150
Carbon disulfide	0.0200	0.0202		mg/Kg		101	57 - 133
Carbon tetrachloride	0.0200	0.0166		mg/Kg		83	66 - 127
Chlorobenzene	0.0200	0.0203		mg/Kg		102	80 - 120
Chlorobromomethane	0.0200	0.0204		mg/Kg		102	76 - 127
Chlorodibromomethane	0.0200	0.0190		mg/Kg		95	72 - 120
Chloroethane	0.0200	0.0145		mg/Kg		73	60 - 123
Chloroform	0.0200	0.0187		mg/Kg		93	79 - 126
Chloromethane	0.0200	0.0197		mg/Kg		99	46 - 122

Method: 8260D - Volatile Organic Compounds by GC/MS (Continued)

Lab Sample ID: LCS 460-1067421/3
Matrix: Solid
Analysis Batch: 1067421

Client Sample ID: Lab Control Sample
Prep Type: Total/NA

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
cis-1,2-Dichloroethene	0.0200	0.0193		mg/Kg		97	80 - 123
cis-1,3-Dichloropropene	0.0200	0.0193		mg/Kg		97	75 - 120
Cyclohexane	0.0200	0.0210		mg/Kg		105	65 - 132
Dichlorobromomethane	0.0200	0.0180		mg/Kg		90	77 - 124
Dichlorodifluoromethane	0.0200	0.0178		mg/Kg		89	45 - 129
Ethylbenzene	0.0200	0.0207		mg/Kg		104	80 - 120
Ethylene Dibromide	0.0200	0.0204		mg/Kg		102	79 - 120
Isopropylbenzene	0.0200	0.0205		mg/Kg		103	74 - 120
Methyl acetate	0.0400	0.0352		mg/Kg		88	57 - 120
Methyl tert-butyl ether	0.0200	0.0189		mg/Kg		94	74 - 125
Methylcyclohexane	0.0200	0.0212		mg/Kg		106	66 - 125
Methylene Chloride	0.0200	0.0215		mg/Kg		107	78 - 120
m-Xylene & p-Xylene	0.0200	0.0206		mg/Kg		103	80 - 120
n-Butylbenzene	0.0200	0.0205		mg/Kg		102	72 - 120
N-Propylbenzene	0.0200	0.0204		mg/Kg		102	68 - 120
o-Xylene	0.0200	0.0211		mg/Kg		105	80 - 120
sec-Butylbenzene	0.0200	0.0215		mg/Kg		108	78 - 120
Styrene	0.0200	0.0208		mg/Kg		104	80 - 120
tert-Butylbenzene	0.0200	0.0212		mg/Kg		106	80 - 120
Tetrachloroethene	0.0200	0.0179		mg/Kg		90	73 - 120
Toluene	0.0200	0.0203		mg/Kg		101	80 - 120
trans-1,2-Dichloroethene	0.0200	0.0195		mg/Kg		97	78 - 120
trans-1,3-Dichloropropene	0.0200	0.0182		mg/Kg		91	77 - 120
Trichloroethene	0.0200	0.0187		mg/Kg		94	80 - 120
Trichlorofluoromethane	0.0200	0.0166		mg/Kg		83	61 - 130
Vinyl chloride	0.0200	0.0166		mg/Kg		83	54 - 122
Xylenes, Total	0.0400	0.0417		mg/Kg		104	80 - 120

Surrogate	*LCS %Recovery*	*LCS Qualifier*	*Limits*
1,2-Dichloroethane-d4 (Surr)	*83*		*65 - 138*
4-Bromofluorobenzene	*94*		*71 - 128*
Dibromofluoromethane (Surr)	*89*		*50 - 150*
Toluene-d8 (Surr)	*101*		*71 - 126*

Lab Sample ID: LCSD 460-1067421/4
Matrix: Solid
Analysis Batch: 1067421

Client Sample ID: Lab Control Sample Dup
Prep Type: Total/NA

Analyte	Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
1,1,1-Trichloroethane	0.0200	0.0184		mg/Kg		92	78 - 120	6	30
1,1,2,2-Tetrachloroethane	0.0200	0.0217		mg/Kg		108	70 - 133	1	30
1,1,2-Trichloro-1,2,2-trifluoroethane	0.0200	0.0212		mg/Kg		106	75 - 121	9	30
1,1,2-Trichloroethane	0.0200	0.0218		mg/Kg		109	80 - 120	2	30
1,1-Dichloroethane	0.0200	0.0204		mg/Kg		102	72 - 120	4	30
1,1-Dichloroethene	0.0200	0.0219		mg/Kg		110	76 - 120	6	30
1,2,3-Trichlorobenzene	0.0200	0.0199		mg/Kg		100	77 - 137	5	30
1,2,4-Trichlorobenzene	0.0200	0.0192		mg/Kg		96	77 - 136	8	30
1,2,4-Trimethylbenzene	0.0200	0.0226		mg/Kg		113	75 - 120	7	30

Method: 8260D - Volatile Organic Compounds by GC/MS (Continued)

Lab Sample ID: LCSD 460-1067421/4
Matrix: Solid
Analysis Batch: 1067421

Client Sample ID: Lab Control Sample Dup
Prep Type: Total/NA

Analyte	Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
1,2-Dibromo-3-Chloropropane	0.0200	0.0193		mg/Kg		96	80 - 124	4	30
1,2-Dichlorobenzene	0.0200	0.0216		mg/Kg		108	80 - 120	5	30
1,2-Dichloroethane	0.0200	0.0171		mg/Kg		85	70 - 123	1	30
1,2-Dichloropropane	0.0200	0.0203		mg/Kg		101	73 - 124	1	30
1,3,5-Trimethylbenzene	0.0200	0.0224		mg/Kg		112	70 - 120	6	30
1,3-Dichlorobenzene	0.0200	0.0223		mg/Kg		112	80 - 120	8	30
1,4-Dichlorobenzene	0.0200	0.0212		mg/Kg		106	80 - 120	6	30
2-Butanone (MEK)	0.100	0.114		mg/Kg		114	64 - 128	1	30
2-Hexanone	0.100	0.105		mg/Kg		105	75 - 120	1	30
4-Methyl-2-pentanone (MIBK)	0.100	0.107		mg/Kg		107	80 - 120	1	30
Acetone	0.100	0.101		mg/Kg		101	58 - 122	1	30
Benzene	0.0200	0.0223		mg/Kg		111	75 - 120	4	30
Bromoform	0.0200	0.0186		mg/Kg		93	61 - 125	0	30
Bromomethane	0.0200	0.0128		mg/Kg		64	37 - 150	1	30
Carbon disulfide	0.0200	0.0217		mg/Kg		108	57 - 133	7	30
Carbon tetrachloride	0.0200	0.0180		mg/Kg		90	66 - 127	8	30
Chlorobenzene	0.0200	0.0213		mg/Kg		106	80 - 120	5	30
Chlorobromomethane	0.0200	0.0204		mg/Kg		102	76 - 127	0	30
Chlorodibromomethane	0.0200	0.0191		mg/Kg		95	72 - 120	0	30
Chloroethane	0.0200	0.0164		mg/Kg		82	60 - 123	13	30
Chloroform	0.0200	0.0191		mg/Kg		96	79 - 126	2	30
Chloromethane	0.0200	0.0196		mg/Kg		98	46 - 122	1	30
cis-1,2-Dichloroethene	0.0200	0.0201		mg/Kg		101	80 - 123	4	30
cis-1,3-Dichloropropene	0.0200	0.0196		mg/Kg		98	75 - 120	2	30
Cyclohexane	0.0200	0.0226		mg/Kg		113	65 - 132	7	30
Dichlorobromomethane	0.0200	0.0183		mg/Kg		92	77 - 124	2	30
Dichlorodifluoromethane	0.0200	0.0191		mg/Kg		96	45 - 129	7	30
Ethylbenzene	0.0200	0.0219		mg/Kg		109	80 - 120	6	30
Ethylene Dibromide	0.0200	0.0209		mg/Kg		105	79 - 120	2	30
Isopropylbenzene	0.0200	0.0220		mg/Kg		110	74 - 120	7	30
Methyl acetate	0.0400	0.0358		mg/Kg		90	57 - 120	2	30
Methyl tert-butyl ether	0.0200	0.0189		mg/Kg		95	74 - 125	0	30
Methylcyclohexane	0.0200	0.0228		mg/Kg		114	66 - 125	7	30
Methylene Chloride	0.0200	0.0222		mg/Kg		111	78 - 120	3	30
m-Xylene & p-Xylene	0.0200	0.0219		mg/Kg		109	80 - 120	6	30
n-Butylbenzene	0.0200	0.0229		mg/Kg		114	72 - 120	11	30
N-Propylbenzene	0.0200	0.0223		mg/Kg		112	68 - 120	9	30
o-Xylene	0.0200	0.0223		mg/Kg		111	80 - 120	5	30
sec-Butylbenzene	0.0200	0.0233		mg/Kg		116	78 - 120	8	30
Styrene	0.0200	0.0219		mg/Kg		109	80 - 120	5	30
tert-Butylbenzene	0.0200	0.0229		mg/Kg		114	80 - 120	7	30
Tetrachloroethene	0.0200	0.0194		mg/Kg		97	73 - 120	8	30
Toluene	0.0200	0.0215		mg/Kg		108	80 - 120	6	30
trans-1,2-Dichloroethene	0.0200	0.0209		mg/Kg		105	78 - 120	7	30
trans-1,3-Dichloropropene	0.0200	0.0184		mg/Kg		92	77 - 120	1	30
Trichloroethene	0.0200	0.0202		mg/Kg		101	80 - 120	7	30
Trichlorofluoromethane	0.0200	0.0180		mg/Kg		90	61 - 130	8	30
Vinyl chloride	0.0200	0.0177		mg/Kg		89	54 - 122	7	30
Xylenes, Total	0.0400	0.0442		mg/Kg		110	80 - 120	6	30

Method: 8260D - Volatile Organic Compounds by GC/MS (Continued)

Surrogate	LCSD %Recovery	LCSD Qualifier	Limits
1,2-Dichloroethane-d4 (Surr)	*82*		*65 - 138*
4-Bromofluorobenzene	*95*		*71 - 128*
Dibromofluoromethane (Surr)	*88*		*50 - 150*
Toluene-d8 (Surr)	*101*		*71 - 126*

Lab Sample ID: MB 460-1067474/7
Matrix: Solid
Analysis Batch: 1067474

Client Sample ID: Method Blank
Prep Type: Total/NA

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1-Trichloroethane	0.0010	U	0.0010	0.00023	mg/Kg			10/11/25 07:07	1
1,1,2,2-Tetrachloroethane	0.0010	U	0.0010	0.00052	mg/Kg			10/11/25 07:07	1
1,1,2-Trichloro-1,2,2-trifluoroethane	0.0010	U	0.0010	0.00030	mg/Kg			10/11/25 07:07	1
1,1,2-Trichloroethane	0.0010	U	0.0010	0.00060	mg/Kg			10/11/25 07:07	1
1,1-Dichloroethane	0.0010	U	0.0010	0.00060	mg/Kg			10/11/25 07:07	1
1,1-Dichloroethene	0.0010	U	0.0010	0.00023	mg/Kg			10/11/25 07:07	1
1,2,3-Trichlorobenzene	0.0010	U	0.0010	0.00074	mg/Kg			10/11/25 07:07	1
1,2,4-Trichlorobenzene	0.0010	U	0.0010	0.00036	mg/Kg			10/11/25 07:07	1
1,2,4-Trimethylbenzene	0.0010	U	0.0010	0.00025	mg/Kg			10/11/25 07:07	1
1,2-Dibromo-3-Chloropropane	0.0010	U	0.0010	0.00046	mg/Kg			10/11/25 07:07	1
1,2-Dichlorobenzene	0.0010	U	0.0010	0.00036	mg/Kg			10/11/25 07:07	1
1,2-Dichloroethane	0.0010	U	0.0010	0.00030	mg/Kg			10/11/25 07:07	1
1,2-Dichloropropane	0.0010	U	0.0010	0.00042	mg/Kg			10/11/25 07:07	1
1,3,5-Trimethylbenzene	0.0010	U	0.0010	0.00031	mg/Kg			10/11/25 07:07	1
1,3-Dichlorobenzene	0.0010	U	0.0010	0.00037	mg/Kg			10/11/25 07:07	1
1,4-Dichlorobenzene	0.0010	U	0.0010	0.00052	mg/Kg			10/11/25 07:07	1
2-Butanone (MEK)	0.0050	U	0.0050	0.00037	mg/Kg			10/11/25 07:07	1
2-Hexanone	0.0050	U	0.0050	0.0017	mg/Kg			10/11/25 07:07	1
4-Methyl-2-pentanone (MIBK)	0.0050	U	0.0050	0.0016	mg/Kg			10/11/25 07:07	1
Acetone	0.0060	U	0.0060	0.0057	mg/Kg			10/11/25 07:07	1
Benzene	0.0010	U	0.0010	0.00057	mg/Kg			10/11/25 07:07	1
Bromoform	0.0010	U	0.0010	0.00043	mg/Kg			10/11/25 07:07	1
Bromomethane	0.0020	U	0.0020	0.0010	mg/Kg			10/11/25 07:07	1
Carbon disulfide	0.0010	U	0.0010	0.00027	mg/Kg			10/11/25 07:07	1
Carbon tetrachloride	0.0010	U	0.0010	0.00039	mg/Kg			10/11/25 07:07	1
Chlorobenzene	0.0010	U	0.0010	0.00051	mg/Kg			10/11/25 07:07	1
Chlorobromomethane	0.0010	U	0.0010	0.00060	mg/Kg			10/11/25 07:07	1
Chlorodibromomethane	0.0010	U	0.0010	0.00054	mg/Kg			10/11/25 07:07	1
Chloroethane	0.0010	U	0.0010	0.00052	mg/Kg			10/11/25 07:07	1
Chloroform	0.0010	U	0.0010	0.00097	mg/Kg			10/11/25 07:07	1
Chloromethane	0.0010	U	0.0010	0.00044	mg/Kg			10/11/25 07:07	1
cis-1,2-Dichloroethene	0.0010	U	0.0010	0.00036	mg/Kg			10/11/25 07:07	1
cis-1,3-Dichloropropene	0.0010	U	0.0010	0.00027	mg/Kg			10/11/25 07:07	1
Cyclohexane	0.0010	U	0.0010	0.00022	mg/Kg			10/11/25 07:07	1
Dichlorobromomethane	0.0010	U	0.0010	0.00026	mg/Kg			10/11/25 07:07	1
Dichlorodifluoromethane	0.0010	U	0.0010	0.00034	mg/Kg			10/11/25 07:07	1
Ethylbenzene	0.0010	U	0.0010	0.00047	mg/Kg			10/11/25 07:07	1
Ethylene Dibromide	0.0010	U	0.0010	0.00050	mg/Kg			10/11/25 07:07	1
Isopropylbenzene	0.0010	U	0.0010	0.00029	mg/Kg			10/11/25 07:07	1
Methyl acetate	0.0050	U	0.0050	0.0043	mg/Kg			10/11/25 07:07	1
Methyl tert-butyl ether	0.0010	U	0.0010	0.00051	mg/Kg			10/11/25 07:07	1

Method: 8260D - Volatile Organic Compounds by GC/MS (Continued)

Lab Sample ID: MB 460-1067474/7
Matrix: Solid
Analysis Batch: 1067474

Client Sample ID: Method Blank
Prep Type: Total/NA

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Methylcyclohexane	0.0010	U	0.0010	0.00050	mg/Kg			10/11/25 07:07	1
Methylene Chloride	0.0020	U	0.0020	0.0011	mg/Kg			10/11/25 07:07	1
m-Xylene & p-Xylene	0.0010	U	0.0010	0.00042	mg/Kg			10/11/25 07:07	1
n-Butylbenzene	0.0010	U	0.0010	0.00029	mg/Kg			10/11/25 07:07	1
N-Propylbenzene	0.0010	U	0.0010	0.00045	mg/Kg			10/11/25 07:07	1
o-Xylene	0.0010	U	0.0010	0.00046	mg/Kg			10/11/25 07:07	1
sec-Butylbenzene	0.0010	U	0.0010	0.00029	mg/Kg			10/11/25 07:07	1
Styrene	0.0010	U	0.0010	0.00028	mg/Kg			10/11/25 07:07	1
tert-Butylbenzene	0.0010	U	0.0010	0.00028	mg/Kg			10/11/25 07:07	1
Tetrachloroethene	0.0010	U	0.0010	0.00031	mg/Kg			10/11/25 07:07	1
Toluene	0.0010	U	0.0010	0.00023	mg/Kg			10/11/25 07:07	1
trans-1,2-Dichloroethene	0.0010	U	0.0010	0.00025	mg/Kg			10/11/25 07:07	1
trans-1,3-Dichloropropene	0.0010	U	0.0010	0.00027	mg/Kg			10/11/25 07:07	1
Trichloroethene	0.0010	U	0.0010	0.00032	mg/Kg			10/11/25 07:07	1
Trichlorofluoromethane	0.0010	U	0.0010	0.00041	mg/Kg			10/11/25 07:07	1
Vinyl chloride	0.0010	U	0.0010	0.00055	mg/Kg			10/11/25 07:07	1
Xylenes, Total	0.0020	U	0.0020	0.00017	mg/Kg			10/11/25 07:07	1

Surrogate	*MB %Recovery*	*MB Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,2-Dichloroethane-d4 (Surr)	*89*		*65 - 138*		*10/11/25 07:07*	*1*
4-Bromofluorobenzene	*92*		*71 - 128*		*10/11/25 07:07*	*1*
Dibromofluoromethane (Surr)	*96*		*50 - 150*		*10/11/25 07:07*	*1*
Toluene-d8 (Surr)	*99*		*71 - 126*		*10/11/25 07:07*	*1*

Lab Sample ID: LCS 460-1067474/3
Matrix: Solid
Analysis Batch: 1067474

Client Sample ID: Lab Control Sample
Prep Type: Total/NA

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
1,1,1-Trichloroethane	0.0200	0.0168		mg/Kg		84	78 - 120
1,1,2,2-Tetrachloroethane	0.0200	0.0202		mg/Kg		101	70 - 133
1,1,2-Trichloro-1,2,2-trifluoroethane	0.0200	0.0189		mg/Kg		94	75 - 121
1,1,2-Trichloroethane	0.0200	0.0201		mg/Kg		101	80 - 120
1,1-Dichloroethane	0.0200	0.0186		mg/Kg		93	72 - 120
1,1-Dichloroethene	0.0200	0.0200		mg/Kg		100	76 - 120
1,2,3-Trichlorobenzene	0.0200	0.0195		mg/Kg		98	77 - 137
1,2,4-Trichlorobenzene	0.0200	0.0190		mg/Kg		95	77 - 136
1,2,4-Trimethylbenzene	0.0200	0.0201		mg/Kg		100	75 - 120
1,2-Dibromo-3-Chloropropane	0.0200	0.0187		mg/Kg		93	80 - 124
1,2-Dichlorobenzene	0.0200	0.0205		mg/Kg		102	80 - 120
1,2-Dichloroethane	0.0200	0.0163		mg/Kg		82	70 - 123
1,2-Dichloropropane	0.0200	0.0187		mg/Kg		93	73 - 124
1,3,5-Trimethylbenzene	0.0200	0.0197		mg/Kg		98	70 - 120
1,3-Dichlorobenzene	0.0200	0.0208		mg/Kg		104	80 - 120
1,4-Dichlorobenzene	0.0200	0.0202		mg/Kg		101	80 - 120
2-Butanone (MEK)	0.100	0.118		mg/Kg		118	64 - 128
2-Hexanone	0.100	0.105		mg/Kg		105	75 - 120
4-Methyl-2-pentanone (MIBK)	0.100	0.107		mg/Kg		107	80 - 120

Method: 8260D - Volatile Organic Compounds by GC/MS (Continued)

Lab Sample ID: LCS 460-1067474/3
Matrix: Solid
Analysis Batch: 1067474

Client Sample ID: Lab Control Sample
Prep Type: Total/NA

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
Acetone	0.100	0.102		mg/Kg		102	58 - 122
Benzene	0.0200	0.0195		mg/Kg		98	75 - 120
Bromoform	0.0200	0.0187		mg/Kg		94	61 - 125
Bromomethane	0.0200	0.0149		mg/Kg		74	37 - 150
Carbon disulfide	0.0200	0.0196		mg/Kg		98	57 - 133
Carbon tetrachloride	0.0200	0.0162		mg/Kg		81	66 - 127
Chlorobenzene	0.0200	0.0199		mg/Kg		99	80 - 120
Chlorobromomethane	0.0200	0.0208		mg/Kg		104	76 - 127
Chlorodibromomethane	0.0200	0.0187		mg/Kg		93	72 - 120
Chloroethane	0.0200	0.0172		mg/Kg		86	60 - 123
Chloroform	0.0200	0.0184		mg/Kg		92	79 - 126
Chloromethane	0.0200	0.0187		mg/Kg		93	46 - 122
cis-1,2-Dichloroethene	0.0200	0.0193		mg/Kg		96	80 - 123
cis-1,3-Dichloropropene	0.0200	0.0185		mg/Kg		93	75 - 120
Cyclohexane	0.0200	0.0196		mg/Kg		98	65 - 132
Dichlorobromomethane	0.0200	0.0179		mg/Kg		89	77 - 124
Dichlorodifluoromethane	0.0200	0.0178		mg/Kg		89	45 - 129
Ethylbenzene	0.0200	0.0199		mg/Kg		99	80 - 120
Ethylene Dibromide	0.0200	0.0199		mg/Kg		99	79 - 120
Isopropylbenzene	0.0200	0.0195		mg/Kg		97	74 - 120
Methyl acetate	0.0400	0.0336		mg/Kg		84	57 - 120
Methyl tert-butyl ether	0.0200	0.0183		mg/Kg		91	74 - 125
Methylcyclohexane	0.0200	0.0198		mg/Kg		99	66 - 125
Methylene Chloride	0.0200	0.0211		mg/Kg		105	78 - 120
m-Xylene & p-Xylene	0.0200	0.0200		mg/Kg		100	80 - 120
n-Butylbenzene	0.0200	0.0197		mg/Kg		99	72 - 120
N-Propylbenzene	0.0200	0.0195		mg/Kg		98	68 - 120
o-Xylene	0.0200	0.0205		mg/Kg		103	80 - 120
sec-Butylbenzene	0.0200	0.0198		mg/Kg		99	78 - 120
Styrene	0.0200	0.0204		mg/Kg		102	80 - 120
tert-Butylbenzene	0.0200	0.0197		mg/Kg		99	80 - 120
Tetrachloroethene	0.0200	0.0178		mg/Kg		89	73 - 120
Toluene	0.0200	0.0190		mg/Kg		95	80 - 120
trans-1,2-Dichloroethene	0.0200	0.0193		mg/Kg		97	78 - 120
trans-1,3-Dichloropropene	0.0200	0.0176		mg/Kg		88	77 - 120
Trichloroethene	0.0200	0.0183		mg/Kg		91	80 - 120
Trichlorofluoromethane	0.0200	0.0172		mg/Kg		86	61 - 130
Vinyl chloride	0.0200	0.0172		mg/Kg		86	54 - 122
Xylenes, Total	0.0400	0.0405		mg/Kg		101	80 - 120

Surrogate	*LCS %Recovery*	*LCS Qualifier*	*Limits*
1,2-Dichloroethane-d4 (Surr)	*83*		*65 - 138*
4-Bromofluorobenzene	*95*		*71 - 128*
Dibromofluoromethane (Surr)	*93*		*50 - 150*
Toluene-d8 (Surr)	*98*		*71 - 126*

Method: 8260D - Volatile Organic Compounds by GC/MS (Continued)

Lab Sample ID: LCSD 460-1067474/4
Matrix: Solid
Analysis Batch: 1067474

Client Sample ID: Lab Control Sample Dup
Prep Type: Total/NA

Analyte	Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
1,1,1-Trichloroethane	0.0200	0.0171		mg/Kg		85	78 - 120	2	30
1,1,2,2-Tetrachloroethane	0.0200	0.0207		mg/Kg		103	70 - 133	2	30
1,1,2-Trichloro-1,2,2-trifluoroethane	0.0200	0.0203		mg/Kg		101	75 - 121	7	30
1,1,2-Trichloroethane	0.0200	0.0205		mg/Kg		103	80 - 120	2	30
1,1-Dichloroethane	0.0200	0.0190		mg/Kg		95	72 - 120	2	30
1,1-Dichloroethene	0.0200	0.0213		mg/Kg		106	76 - 120	6	30
1,2,3-Trichlorobenzene	0.0200	0.0188		mg/Kg		94	77 - 137	4	30
1,2,4-Trichlorobenzene	0.0200	0.0183		mg/Kg		92	77 - 136	4	30
1,2,4-Trimethylbenzene	0.0200	0.0195		mg/Kg		98	75 - 120	3	30
1,2-Dibromo-3-Chloropropane	0.0200	0.0184		mg/Kg		92	80 - 124	2	30
1,2-Dichlorobenzene	0.0200	0.0200		mg/Kg		100	80 - 120	3	30
1,2-Dichloroethane	0.0200	0.0161		mg/Kg		81	70 - 123	1	30
1,2-Dichloropropane	0.0200	0.0189		mg/Kg		95	73 - 124	1	30
1,3,5-Trimethylbenzene	0.0200	0.0194		mg/Kg		97	70 - 120	1	30
1,3-Dichlorobenzene	0.0200	0.0202		mg/Kg		101	80 - 120	3	30
1,4-Dichlorobenzene	0.0200	0.0195		mg/Kg		97	80 - 120	4	30
2-Butanone (MEK)	0.100	0.120		mg/Kg		120	64 - 128	2	30
2-Hexanone	0.100	0.104		mg/Kg		104	75 - 120	1	30
4-Methyl-2-pentanone (MIBK)	0.100	0.108		mg/Kg		108	80 - 120	1	30
Acetone	0.100	0.103		mg/Kg		103	58 - 122	1	30
Benzene	0.0200	0.0204		mg/Kg		102	75 - 120	5	30
Bromoform	0.0200	0.0188		mg/Kg		94	61 - 125	1	30
Bromomethane	0.0200	0.0144		mg/Kg		72	37 - 150	4	30
Carbon disulfide	0.0200	0.0199		mg/Kg		99	57 - 133	1	30
Carbon tetrachloride	0.0200	0.0168		mg/Kg		84	66 - 127	4	30
Chlorobenzene	0.0200	0.0199		mg/Kg		99	80 - 120	0	30
Chlorobromomethane	0.0200	0.0205		mg/Kg		103	76 - 127	2	30
Chlorodibromomethane	0.0200	0.0189		mg/Kg		95	72 - 120	2	30
Chloroethane	0.0200	0.0165		mg/Kg		83	60 - 123	4	30
Chloroform	0.0200	0.0184		mg/Kg		92	79 - 126	0	30
Chloromethane	0.0200	0.0194		mg/Kg		97	46 - 122	4	30
cis-1,2-Dichloroethene	0.0200	0.0193		mg/Kg		96	80 - 123	0	30
cis-1,3-Dichloropropene	0.0200	0.0186		mg/Kg		93	75 - 120	0	30
Cyclohexane	0.0200	0.0206		mg/Kg		103	65 - 132	5	30
Dichlorobromomethane	0.0200	0.0176		mg/Kg		88	77 - 124	2	30
Dichlorodifluoromethane	0.0200	0.0199		mg/Kg		100	45 - 129	11	30
Ethylbenzene	0.0200	0.0198		mg/Kg		99	80 - 120	0	30
Ethylene Dibromide	0.0200	0.0199		mg/Kg		99	79 - 120	0	30
Isopropylbenzene	0.0200	0.0195		mg/Kg		98	74 - 120	0	30
Methyl acetate	0.0400	0.0319		mg/Kg		80	57 - 120	5	30
Methyl tert-butyl ether	0.0200	0.0180		mg/Kg		90	74 - 125	2	30
Methylcyclohexane	0.0200	0.0203		mg/Kg		102	66 - 125	3	30
Methylene Chloride	0.0200	0.0210		mg/Kg		105	78 - 120	0	30
m-Xylene & p-Xylene	0.0200	0.0199		mg/Kg		100	80 - 120	0	30
n-Butylbenzene	0.0200	0.0192		mg/Kg		96	72 - 120	3	30
N-Propylbenzene	0.0200	0.0193		mg/Kg		97	68 - 120	1	30
o-Xylene	0.0200	0.0203		mg/Kg		102	80 - 120	1	30
sec-Butylbenzene	0.0200	0.0196		mg/Kg		98	78 - 120	1	30

Method: 8260D - Volatile Organic Compounds by GC/MS (Continued)

Lab Sample ID: LCSD 460-1067474/4
Matrix: Solid
Analysis Batch: 1067474

Client Sample ID: Lab Control Sample Dup
Prep Type: Total/NA

Analyte			Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Styrene			0.0200	0.0200		mg/Kg		100	80 - 120	2	30
tert-Butylbenzene			0.0200	0.0198		mg/Kg		99	80 - 120	0	30
Tetrachloroethene			0.0200	0.0184		mg/Kg		92	73 - 120	3	30
Toluene			0.0200	0.0192		mg/Kg		96	80 - 120	1	30
trans-1,2-Dichloroethene			0.0200	0.0197		mg/Kg		99	78 - 120	2	30
trans-1,3-Dichloropropene			0.0200	0.0177		mg/Kg		89	77 - 120	1	30
Trichloroethene			0.0200	0.0185		mg/Kg		92	80 - 120	1	30
Trichlorofluoromethane			0.0200	0.0186		mg/Kg		93	61 - 130	8	30
Vinyl chloride			0.0200	0.0177		mg/Kg		88	54 - 122	3	30
Xylenes, Total			0.0400	0.0402		mg/Kg		101	80 - 120	1	30

Surrogate	*LCSD %Recovery*	*LCSD Qualifier*	*Limits*
1,2-Dichloroethane-d4 (Surr)	*81*		*65 - 138*
4-Bromofluorobenzene	*95*		*71 - 128*
Dibromofluoromethane (Surr)	*90*		*50 - 150*
Toluene-d8 (Surr)	*99*		*71 - 126*

Lab Sample ID: MB 460-1067680/7
Matrix: Solid
Analysis Batch: 1067680

Client Sample ID: Method Blank
Prep Type: Total/NA

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1-Trichloroethane	0.0010	U	0.0010	0.00023	mg/Kg			10/11/25 16:27	1
1,1,2,2-Tetrachloroethane	0.0010	U	0.0010	0.00052	mg/Kg			10/11/25 16:27	1
1,1,2-Trichloro-1,2,2-trifluoroethane	0.0010	U	0.0010	0.00030	mg/Kg			10/11/25 16:27	1
1,1,2-Trichloroethane	0.0010	U	0.0010	0.00060	mg/Kg			10/11/25 16:27	1
1,1-Dichloroethane	0.0010	U	0.0010	0.00060	mg/Kg			10/11/25 16:27	1
1,1-Dichloroethene	0.0010	U	0.0010	0.00023	mg/Kg			10/11/25 16:27	1
1,2,3-Trichlorobenzene	0.0010	U	0.0010	0.00074	mg/Kg			10/11/25 16:27	1
1,2,4-Trichlorobenzene	0.0010	U	0.0010	0.00036	mg/Kg			10/11/25 16:27	1
1,2,4-Trimethylbenzene	0.0010	U	0.0010	0.00025	mg/Kg			10/11/25 16:27	1
1,2-Dibromo-3-Chloropropane	0.0010	U	0.0010	0.00046	mg/Kg			10/11/25 16:27	1
1,2-Dichlorobenzene	0.0010	U	0.0010	0.00036	mg/Kg			10/11/25 16:27	1
1,2-Dichloroethane	0.0010	U	0.0010	0.00030	mg/Kg			10/11/25 16:27	1
1,2-Dichloropropane	0.0010	U	0.0010	0.00042	mg/Kg			10/11/25 16:27	1
1,3,5-Trimethylbenzene	0.0010	U	0.0010	0.00031	mg/Kg			10/11/25 16:27	1
1,3-Dichlorobenzene	0.0010	U	0.0010	0.00037	mg/Kg			10/11/25 16:27	1
1,4-Dichlorobenzene	0.0010	U	0.0010	0.00052	mg/Kg			10/11/25 16:27	1
2-Butanone (MEK)	0.0050	U	0.0050	0.00037	mg/Kg			10/11/25 16:27	1
2-Hexanone	0.0050	U	0.0050	0.0017	mg/Kg			10/11/25 16:27	1
4-Methyl-2-pentanone (MIBK)	0.0050	U	0.0050	0.0016	mg/Kg			10/11/25 16:27	1
Acetone	0.0060	U	0.0060	0.0057	mg/Kg			10/11/25 16:27	1
Benzene	0.0010	U	0.0010	0.00057	mg/Kg			10/11/25 16:27	1
Bromoform	0.0010	U	0.0010	0.00043	mg/Kg			10/11/25 16:27	1
Bromomethane	0.0020	U	0.0020	0.0010	mg/Kg			10/11/25 16:27	1
Carbon disulfide	0.0010	U	0.0010	0.00027	mg/Kg			10/11/25 16:27	1
Carbon tetrachloride	0.0010	U	0.0010	0.00039	mg/Kg			10/11/25 16:27	1
Chlorobenzene	0.0010	U	0.0010	0.00051	mg/Kg			10/11/25 16:27	1

Method: 8260D - Volatile Organic Compounds by GC/MS (Continued)

Lab Sample ID: MB 460-1067680/7
Matrix: Solid
Analysis Batch: 1067680

Client Sample ID: Method Blank
Prep Type: Total/NA

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chlorobromomethane	0.0010	U	0.0010	0.00060	mg/Kg			10/11/25 16:27	1
Chlorodibromomethane	0.0010	U	0.0010	0.00054	mg/Kg			10/11/25 16:27	1
Chloroethane	0.0010	U	0.0010	0.00052	mg/Kg			10/11/25 16:27	1
Chloroform	0.0010	U	0.0010	0.00097	mg/Kg			10/11/25 16:27	1
Chloromethane	0.0010	U	0.0010	0.00044	mg/Kg			10/11/25 16:27	1
cis-1,2-Dichloroethene	0.0010	U	0.0010	0.00036	mg/Kg			10/11/25 16:27	1
cis-1,3-Dichloropropene	0.0010	U	0.0010	0.00027	mg/Kg			10/11/25 16:27	1
Cyclohexane	0.0010	U	0.0010	0.00022	mg/Kg			10/11/25 16:27	1
Dichlorobromomethane	0.0010	U	0.0010	0.00026	mg/Kg			10/11/25 16:27	1
Dichlorodifluoromethane	0.0010	U	0.0010	0.00034	mg/Kg			10/11/25 16:27	1
Ethylbenzene	0.0010	U	0.0010	0.00047	mg/Kg			10/11/25 16:27	1
Ethylene Dibromide	0.0010	U	0.0010	0.00050	mg/Kg			10/11/25 16:27	1
Isopropylbenzene	0.0010	U	0.0010	0.00029	mg/Kg			10/11/25 16:27	1
Methyl acetate	0.0050	U	0.0050	0.0043	mg/Kg			10/11/25 16:27	1
Methyl tert-butyl ether	0.0010	U	0.0010	0.00051	mg/Kg			10/11/25 16:27	1
Methylcyclohexane	0.0010	U	0.0010	0.00050	mg/Kg			10/11/25 16:27	1
Methylene Chloride	0.0020	U	0.0020	0.0011	mg/Kg			10/11/25 16:27	1
m-Xylene & p-Xylene	0.0010	U	0.0010	0.00042	mg/Kg			10/11/25 16:27	1
n-Butylbenzene	0.0010	U	0.0010	0.00029	mg/Kg			10/11/25 16:27	1
N-Propylbenzene	0.0010	U	0.0010	0.00045	mg/Kg			10/11/25 16:27	1
o-Xylene	0.0010	U	0.0010	0.00046	mg/Kg			10/11/25 16:27	1
sec-Butylbenzene	0.0010	U	0.0010	0.00029	mg/Kg			10/11/25 16:27	1
Styrene	0.0010	U	0.0010	0.00028	mg/Kg			10/11/25 16:27	1
tert-Butylbenzene	0.0010	U	0.0010	0.00028	mg/Kg			10/11/25 16:27	1
Tetrachloroethene	0.0010	U	0.0010	0.00031	mg/Kg			10/11/25 16:27	1
Toluene	0.0010	U	0.0010	0.00023	mg/Kg			10/11/25 16:27	1
trans-1,2-Dichloroethene	0.0010	U	0.0010	0.00025	mg/Kg			10/11/25 16:27	1
trans-1,3-Dichloropropene	0.0010	U	0.0010	0.00027	mg/Kg			10/11/25 16:27	1
Trichloroethene	0.0010	U	0.0010	0.00032	mg/Kg			10/11/25 16:27	1
Trichlorofluoromethane	0.0010	U	0.0010	0.00041	mg/Kg			10/11/25 16:27	1
Vinyl chloride	0.0010	U	0.0010	0.00055	mg/Kg			10/11/25 16:27	1
Xylenes, Total	0.0020	U	0.0020	0.00017	mg/Kg			10/11/25 16:27	1

Surrogate	*MB %Recovery*	*MB Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,2-Dichloroethane-d4 (Surr)	*88*		*65 - 138*		*10/11/25 16:27*	*1*
4-Bromofluorobenzene	*92*		*71 - 128*		*10/11/25 16:27*	*1*
Dibromofluoromethane (Surr)	*98*		*50 - 150*		*10/11/25 16:27*	*1*
Toluene-d8 (Surr)	*99*		*71 - 126*		*10/11/25 16:27*	*1*

Lab Sample ID: LCS 460-1067680/3
Matrix: Solid
Analysis Batch: 1067680

Client Sample ID: Lab Control Sample
Prep Type: Total/NA

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
1,1,1-Trichloroethane	0.0200	0.0165		mg/Kg		83	78 - 120
1,1,2,2-Tetrachloroethane	0.0200	0.0200		mg/Kg		100	70 - 133
1,1,2-Trichloro-1,2,2-trifluoroetha ne	0.0200	0.0187		mg/Kg		94	75 - 121
1,1,2-Trichloroethane	0.0200	0.0202		mg/Kg		101	80 - 120

Method: 8260D - Volatile Organic Compounds by GC/MS (Continued)

Lab Sample ID: LCS 460-1067680/3
Matrix: Solid
Analysis Batch: 1067680

Client Sample ID: Lab Control Sample
Prep Type: Total/NA

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
1,1-Dichloroethane	0.0200	0.0184		mg/Kg		92	72 - 120
1,1-Dichloroethene	0.0200	0.0200		mg/Kg		100	76 - 120
1,2,3-Trichlorobenzene	0.0200	0.0193		mg/Kg		96	77 - 137
1,2,4-Trichlorobenzene	0.0200	0.0187		mg/Kg		93	77 - 136
1,2,4-Trimethylbenzene	0.0200	0.0201		mg/Kg		101	75 - 120
1,2-Dibromo-3-Chloropropane	0.0200	0.0188		mg/Kg		94	80 - 124
1,2-Dichlorobenzene	0.0200	0.0203		mg/Kg		102	80 - 120
1,2-Dichloroethane	0.0200	0.0159		mg/Kg		80	70 - 123
1,2-Dichloropropane	0.0200	0.0185		mg/Kg		93	73 - 124
1,3,5-Trimethylbenzene	0.0200	0.0200		mg/Kg		100	70 - 120
1,3-Dichlorobenzene	0.0200	0.0210		mg/Kg		105	80 - 120
1,4-Dichlorobenzene	0.0200	0.0200		mg/Kg		100	80 - 120
2-Butanone (MEK)	0.100	0.119		mg/Kg		119	64 - 128
2-Hexanone	0.100	0.104		mg/Kg		104	75 - 120
4-Methyl-2-pentanone (MIBK)	0.100	0.107		mg/Kg		107	80 - 120
Acetone	0.100	0.100		mg/Kg		100	58 - 122
Benzene	0.0200	0.0200		mg/Kg		100	75 - 120
Bromoform	0.0200	0.0189		mg/Kg		94	61 - 125
Bromomethane	0.0200	0.0229		mg/Kg		115	37 - 150
Carbon disulfide	0.0200	0.0192		mg/Kg		96	57 - 133
Carbon tetrachloride	0.0200	0.0162		mg/Kg		81	66 - 127
Chlorobenzene	0.0200	0.0203		mg/Kg		101	80 - 120
Chlorobromomethane	0.0200	0.0205		mg/Kg		102	76 - 127
Chlorodibromomethane	0.0200	0.0188		mg/Kg		94	72 - 120
Chloroethane	0.0200	0.0202		mg/Kg		101	60 - 123
Chloroform	0.0200	0.0181		mg/Kg		90	79 - 126
Chloromethane	0.0200	0.0182		mg/Kg		91	46 - 122
cis-1,2-Dichloroethene	0.0200	0.0192		mg/Kg		96	80 - 123
cis-1,3-Dichloropropene	0.0200	0.0182		mg/Kg		91	75 - 120
Cyclohexane	0.0200	0.0195		mg/Kg		97	65 - 132
Dichlorobromomethane	0.0200	0.0172		mg/Kg		86	77 - 124
Dichlorodifluoromethane	0.0200	0.0175		mg/Kg		88	45 - 129
Ethylbenzene	0.0200	0.0202		mg/Kg		101	80 - 120
Ethylene Dibromide	0.0200	0.0200		mg/Kg		100	79 - 120
Isopropylbenzene	0.0200	0.0198		mg/Kg		99	74 - 120
Methyl acetate	0.0400	0.0313		mg/Kg		78	57 - 120
Methyl tert-butyl ether	0.0200	0.0177		mg/Kg		88	74 - 125
Methylcyclohexane	0.0200	0.0197		mg/Kg		98	66 - 125
Methylene Chloride	0.0200	0.0208		mg/Kg		104	78 - 120
m-Xylene & p-Xylene	0.0200	0.0200		mg/Kg		100	80 - 120
n-Butylbenzene	0.0200	0.0197		mg/Kg		98	72 - 120
N-Propylbenzene	0.0200	0.0199		mg/Kg		100	68 - 120
o-Xylene	0.0200	0.0209		mg/Kg		104	80 - 120
sec-Butylbenzene	0.0200	0.0201		mg/Kg		100	78 - 120
Styrene	0.0200	0.0206		mg/Kg		103	80 - 120
tert-Butylbenzene	0.0200	0.0201		mg/Kg		100	80 - 120
Tetrachloroethene	0.0200	0.0185		mg/Kg		92	73 - 120
Toluene	0.0200	0.0194		mg/Kg		97	80 - 120
trans-1,2-Dichloroethene	0.0200	0.0191		mg/Kg		96	78 - 120

Method: 8260D - Volatile Organic Compounds by GC/MS (Continued)

Lab Sample ID: LCS 460-1067680/3
Matrix: Solid
Analysis Batch: 1067680

Client Sample ID: Lab Control Sample
Prep Type: Total/NA

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
trans-1,3-Dichloropropene	0.0200	0.0171		mg/Kg		86	77 - 120
Trichloroethene	0.0200	0.0181		mg/Kg		91	80 - 120
Trichlorofluoromethane	0.0200	0.0171		mg/Kg		86	61 - 130
Vinyl chloride	0.0200	0.0170		mg/Kg		85	54 - 122
Xylenes, Total	0.0400	0.0409		mg/Kg		102	80 - 120

Surrogate	*LCS %Recovery*	*LCS Qualifier*	*Limits*
1,2-Dichloroethane-d4 (Surr)	*80*		*65 - 138*
4-Bromofluorobenzene	*95*		*71 - 128*
Dibromofluoromethane (Surr)	*90*		*50 - 150*
Toluene-d8 (Surr)	*100*		*71 - 126*

Lab Sample ID: LCSD 460-1067680/4
Matrix: Solid
Analysis Batch: 1067680

Client Sample ID: Lab Control Sample Dup
Prep Type: Total/NA

Analyte	Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
1,1,1-Trichloroethane	0.0200	0.0177		mg/Kg		89	78 - 120	7	30
1,1,2,2-Tetrachloroethane	0.0200	0.0207		mg/Kg		104	70 - 133	3	30
1,1,2-Trichloro-1,2,2-trifluoroethane	0.0200	0.0209		mg/Kg		105	75 - 121	11	30
1,1,2-Trichloroethane	0.0200	0.0203		mg/Kg		102	80 - 120	1	30
1,1-Dichloroethane	0.0200	0.0189		mg/Kg		94	72 - 120	2	30
1,1-Dichloroethene	0.0200	0.0217		mg/Kg		108	76 - 120	8	30
1,2,3-Trichlorobenzene	0.0200	0.0178		mg/Kg		89	77 - 137	8	30
1,2,4-Trichlorobenzene	0.0200	0.0169		mg/Kg		84	77 - 136	10	30
1,2,4-Trimethylbenzene	0.0200	0.0195		mg/Kg		97	75 - 120	3	30
1,2-Dibromo-3-Chloropropane	0.0200	0.0196		mg/Kg		98	80 - 124	4	30
1,2-Dichlorobenzene	0.0200	0.0200		mg/Kg		100	80 - 120	2	30
1,2-Dichloroethane	0.0200	0.0161		mg/Kg		81	70 - 123	1	30
1,2-Dichloropropane	0.0200	0.0188		mg/Kg		94	73 - 124	2	30
1,3,5-Trimethylbenzene	0.0200	0.0196		mg/Kg		98	70 - 120	2	30
1,3-Dichlorobenzene	0.0200	0.0203		mg/Kg		102	80 - 120	3	30
1,4-Dichlorobenzene	0.0200	0.0192		mg/Kg		96	80 - 120	4	30
2-Butanone (MEK)	0.100	0.117		mg/Kg		117	64 - 128	2	30
2-Hexanone	0.100	0.102		mg/Kg		102	75 - 120	1	30
4-Methyl-2-pentanone (MIBK)	0.100	0.104		mg/Kg		104	80 - 120	2	30
Acetone	0.100	0.0992		mg/Kg		99	58 - 122	1	30
Benzene	0.0200	0.0205		mg/Kg		102	75 - 120	2	30
Bromoform	0.0200	0.0190		mg/Kg		95	61 - 125	0	30
Bromomethane	0.0200	0.0299		mg/Kg		150	37 - 150	26	30
Carbon disulfide	0.0200	0.0208		mg/Kg		104	57 - 133	8	30
Carbon tetrachloride	0.0200	0.0172		mg/Kg		86	66 - 127	6	30
Chlorobenzene	0.0200	0.0200		mg/Kg		100	80 - 120	2	30
Chlorobromomethane	0.0200	0.0208		mg/Kg		104	76 - 127	2	30
Chlorodibromomethane	0.0200	0.0190		mg/Kg		95	72 - 120	1	30
Chloroethane	0.0200	0.0234		mg/Kg		117	60 - 123	15	30
Chloroform	0.0200	0.0184		mg/Kg		92	79 - 126	2	30
Chloromethane	0.0200	0.0191		mg/Kg		96	46 - 122	5	30

Method: 8260D - Volatile Organic Compounds by GC/MS (Continued)

Lab Sample ID: LCSD 460-1067680/4
Matrix: Solid
Analysis Batch: 1067680

Client Sample ID: Lab Control Sample Dup
Prep Type: Total/NA

Analyte	Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
cis-1,2-Dichloroethene	0.0200	0.0194		mg/Kg		97	80 - 123	1	30
cis-1,3-Dichloropropene	0.0200	0.0182		mg/Kg		91	75 - 120	0	30
Cyclohexane	0.0200	0.0213		mg/Kg		106	65 - 132	9	30
Dichlorobromomethane	0.0200	0.0174		mg/Kg		87	77 - 124	1	30
Dichlorodifluoromethane	0.0200	0.0206		mg/Kg		103	45 - 129	16	30
Ethylbenzene	0.0200	0.0202		mg/Kg		101	80 - 120	0	30
Ethylene Dibromide	0.0200	0.0200		mg/Kg		100	79 - 120	0	30
Isopropylbenzene	0.0200	0.0197		mg/Kg		98	74 - 120	0	30
Methyl acetate	0.0400	0.0327		mg/Kg		82	57 - 120	4	30
Methyl tert-butyl ether	0.0200	0.0180		mg/Kg		90	74 - 125	2	30
Methylcyclohexane	0.0200	0.0213		mg/Kg		106	66 - 125	8	30
Methylene Chloride	0.0200	0.0213		mg/Kg		107	78 - 120	2	30
m-Xylene & p-Xylene	0.0200	0.0201		mg/Kg		101	80 - 120	1	30
n-Butylbenzene	0.0200	0.0184		mg/Kg		92	72 - 120	7	30
N-Propylbenzene	0.0200	0.0196		mg/Kg		98	68 - 120	2	30
o-Xylene	0.0200	0.0205		mg/Kg		102	80 - 120	2	30
sec-Butylbenzene	0.0200	0.0198		mg/Kg		99	78 - 120	1	30
Styrene	0.0200	0.0201		mg/Kg		100	80 - 120	2	30
tert-Butylbenzene	0.0200	0.0201		mg/Kg		100	80 - 120	0	30
Tetrachloroethene	0.0200	0.0190		mg/Kg		95	73 - 120	3	30
Toluene	0.0200	0.0195		mg/Kg		98	80 - 120	1	30
trans-1,2-Dichloroethene	0.0200	0.0203		mg/Kg		102	78 - 120	6	30
trans-1,3-Dichloropropene	0.0200	0.0171		mg/Kg		85	77 - 120	0	30
Trichloroethene	0.0200	0.0190		mg/Kg		95	80 - 120	5	30
Trichlorofluoromethane	0.0200	0.0192		mg/Kg		96	61 - 130	11	30
Vinyl chloride	0.0200	0.0182		mg/Kg		91	54 - 122	7	30
Xylenes, Total	0.0400	0.0406		mg/Kg		101	80 - 120	1	30

Surrogate	*LCSD %Recovery*	*LCSD Qualifier*	*Limits*
1,2-Dichloroethane-d4 (Surr)	*79*		*65 - 138*
4-Bromofluorobenzene	*96*		*71 - 128*
Dibromofluoromethane (Surr)	*90*		*50 - 150*
Toluene-d8 (Surr)	*98*		*71 - 126*

Method: 8270E - Semivolatile Organic Compounds (GC/MS)

Lab Sample ID: MB 460-1066909/1-A
Matrix: Solid
Analysis Batch: 1067021

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 1066909

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1'-Biphenyl	0.33	U	0.33	0.012	mg/Kg		10/08/25 20:50	10/09/25 11:13	1
1,2,4,5-Tetrachlorobenzene	0.33	U	0.33	0.010	mg/Kg		10/08/25 20:50	10/09/25 11:13	1
1,4-Dioxane	0.033	U	0.033	0.029	mg/Kg		10/08/25 20:50	10/09/25 11:13	1
2,2'-oxybis[1-chloropropane]	0.33	U	0.33	0.020	mg/Kg		10/08/25 20:50	10/09/25 11:13	1
2,3,4,6-Tetrachlorophenol	0.33	U	0.33	0.022	mg/Kg		10/08/25 20:50	10/09/25 11:13	1
2,4,5-Trichlorophenol	0.33	U	0.33	0.034	mg/Kg		10/08/25 20:50	10/09/25 11:13	1
2,4,6-Trichlorophenol	0.13	U	0.13	0.042	mg/Kg		10/08/25 20:50	10/09/25 11:13	1
2,4-Dichlorophenol	0.13	U	0.13	0.021	mg/Kg		10/08/25 20:50	10/09/25 11:13	1

Method: 8270E - Semivolatile Organic Compounds (GC/MS) (Continued)

Lab Sample ID: MB 460-1066909/1-A
Matrix: Solid
Analysis Batch: 1067021

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 1066909

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
2,4-Dimethylphenol	0.33	U	0.33	0.039	mg/Kg		10/08/25 20:50	10/09/25 11:13	1
2,4-Dinitrophenol	0.27	U	0.27	0.16	mg/Kg		10/08/25 20:50	10/09/25 11:13	1
2,4-Dinitrotoluene	0.067	U	0.067	0.036	mg/Kg		10/08/25 20:50	10/09/25 11:13	1
2,6-Dinitrotoluene	0.067	U	0.067	0.024	mg/Kg		10/08/25 20:50	10/09/25 11:13	1
2-Chloronaphthalene	0.33	U	0.33	0.043	mg/Kg		10/08/25 20:50	10/09/25 11:13	1
2-Chlorophenol	0.33	U	0.33	0.012	mg/Kg		10/08/25 20:50	10/09/25 11:13	1
2-Methylnaphthalene	0.33	U	0.33	0.0093	mg/Kg		10/08/25 20:50	10/09/25 11:13	1
2-Methylphenol	0.33	U	0.33	0.012	mg/Kg		10/08/25 20:50	10/09/25 11:13	1
2-Nitroaniline	0.33	U	0.33	0.025	mg/Kg		10/08/25 20:50	10/09/25 11:13	1
2-Nitrophenol	0.33	U	0.33	0.033	mg/Kg		10/08/25 20:50	10/09/25 11:13	1
3 & 4 Methylphenol	0.33	U	0.33	0.021	mg/Kg		10/08/25 20:50	10/09/25 11:13	1
3,3'-Dichlorobenzidine	0.13	U	0.13	0.050	mg/Kg		10/08/25 20:50	10/09/25 11:13	1
3-Nitroaniline	0.33	U	0.33	0.079	mg/Kg		10/08/25 20:50	10/09/25 11:13	1
4,6-Dinitro-2-methylphenol	0.27	U	0.27	0.14	mg/Kg		10/08/25 20:50	10/09/25 11:13	1
4-Bromophenyl phenyl ether	0.33	U	0.33	0.013	mg/Kg		10/08/25 20:50	10/09/25 11:13	1
4-Chloro-3-methylphenol	0.33	U	0.33	0.019	mg/Kg		10/08/25 20:50	10/09/25 11:13	1
4-Chloroaniline	0.33	U	0.33	0.059	mg/Kg		10/08/25 20:50	10/09/25 11:13	1
4-Chlorophenyl phenyl ether	0.33	U	0.33	0.012	mg/Kg		10/08/25 20:50	10/09/25 11:13	1
4-Methylphenol	0.33	U	0.33	0.021	mg/Kg		10/08/25 20:50	10/09/25 11:13	1
4-Nitroaniline	0.33	U	0.33	0.084	mg/Kg		10/08/25 20:50	10/09/25 11:13	1
4-Nitrophenol	0.67	U	0.67	0.054	mg/Kg		10/08/25 20:50	10/09/25 11:13	1
Acenaphthene	0.33	U	0.33	0.0094	mg/Kg		10/08/25 20:50	10/09/25 11:13	1
Acenaphthylene	0.33	U	0.33	0.0095	mg/Kg		10/08/25 20:50	10/09/25 11:13	1
Acetophenone	0.33	U	0.33	0.016	mg/Kg		10/08/25 20:50	10/09/25 11:13	1
Anthracene	0.33	U	0.33	0.010	mg/Kg		10/08/25 20:50	10/09/25 11:13	1
Atrazine	0.13	U	0.13	0.019	mg/Kg		10/08/25 20:50	10/09/25 11:13	1
Benzaldehyde	0.33	U	0.33	0.055	mg/Kg		10/08/25 20:50	10/09/25 11:13	1
Benzo[a]anthracene	0.033	U	0.033	0.025	mg/Kg		10/08/25 20:50	10/09/25 11:13	1
Benzo[a]pyrene	0.033	U	0.033	0.0088	mg/Kg		10/08/25 20:50	10/09/25 11:13	1
Benzo[b]fluoranthene	0.033	U	0.033	0.0086	mg/Kg		10/08/25 20:50	10/09/25 11:13	1
Benzo[g,h,i]perylene	0.33	U	0.33	0.0098	mg/Kg		10/08/25 20:50	10/09/25 11:13	1
Benzo[k]fluoranthene	0.033	U	0.033	0.0065	mg/Kg		10/08/25 20:50	10/09/25 11:13	1
Bis(2-chloroethoxy)methane	0.33	U	0.33	0.061	mg/Kg		10/08/25 20:50	10/09/25 11:13	1
Bis(2-chloroethyl)ether	0.033	U	0.033	0.012	mg/Kg		10/08/25 20:50	10/09/25 11:13	1
Bis(2-ethylhexyl) phthalate	0.33	U	0.33	0.017	mg/Kg		10/08/25 20:50	10/09/25 11:13	1
Butyl benzyl phthalate	0.33	U	0.33	0.016	mg/Kg		10/08/25 20:50	10/09/25 11:13	1
Caprolactam	0.33	U	0.33	0.051	mg/Kg		10/08/25 20:50	10/09/25 11:13	1
Carbazole	0.33	U	0.33	0.013	mg/Kg		10/08/25 20:50	10/09/25 11:13	1
Chrysene	0.33	U	0.33	0.014	mg/Kg		10/08/25 20:50	10/09/25 11:13	1
Dibenz(a,h)anthracene	0.033	U	0.033	0.014	mg/Kg		10/08/25 20:50	10/09/25 11:13	1
Dibenzofuran	0.33	U	0.33	0.011	mg/Kg		10/08/25 20:50	10/09/25 11:13	1
Diethyl phthalate	0.33	U	0.33	0.011	mg/Kg		10/08/25 20:50	10/09/25 11:13	1
Dimethyl phthalate	0.33	U	0.33	0.075	mg/Kg		10/08/25 20:50	10/09/25 11:13	1
Di-n-butyl phthalate	0.33	U	0.33	0.012	mg/Kg		10/08/25 20:50	10/09/25 11:13	1
Di-n-octyl phthalate	0.33	U	0.33	0.018	mg/Kg		10/08/25 20:50	10/09/25 11:13	1
Fluoranthene	0.33	U	0.33	0.012	mg/Kg		10/08/25 20:50	10/09/25 11:13	1
Fluorene	0.33	U	0.33	0.0097	mg/Kg		10/08/25 20:50	10/09/25 11:13	1
Hexachlorobenzene	0.033	U	0.033	0.016	mg/Kg		10/08/25 20:50	10/09/25 11:13	1
Hexachlorobutadiene	0.067	U	0.067	0.0070	mg/Kg		10/08/25 20:50	10/09/25 11:13	1

Method: 8270E - Semivolatile Organic Compounds (GC/MS) (Continued)

Lab Sample ID: MB 460-1066909/1-A
Matrix: Solid
Analysis Batch: 1067021

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 1066909

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Hexachlorocyclopentadiene	0.33	U	0.33	0.029	mg/Kg		10/08/25 20:50	10/09/25 11:13	1
Hexachloroethane	0.033	U	0.033	0.011	mg/Kg		10/08/25 20:50	10/09/25 11:13	1
Indeno[1,2,3-cd]pyrene	0.033	U	0.033	0.013	mg/Kg		10/08/25 20:50	10/09/25 11:13	1
Isophorone	0.13	U	0.13	0.096	mg/Kg		10/08/25 20:50	10/09/25 11:13	1
Naphthalene	0.33	U	0.33	0.0057	mg/Kg		10/08/25 20:50	10/09/25 11:13	1
Nitrobenzene	0.033	U	0.033	0.018	mg/Kg		10/08/25 20:50	10/09/25 11:13	1
N-Nitrosodi-n-propylamine	0.033	U	0.033	0.024	mg/Kg		10/08/25 20:50	10/09/25 11:13	1
N-Nitrosodiphenylamine	0.33	U	0.33	0.027	mg/Kg		10/08/25 20:50	10/09/25 11:13	1
Pentachlorophenol	0.27	U	0.27	0.068	mg/Kg		10/08/25 20:50	10/09/25 11:13	1
Phenanthrene	0.33	U	0.33	0.014	mg/Kg		10/08/25 20:50	10/09/25 11:13	1
Phenol	0.33	U	0.33	0.012	mg/Kg		10/08/25 20:50	10/09/25 11:13	1
Pyrene	0.33	U	0.33	0.0082	mg/Kg		10/08/25 20:50	10/09/25 11:13	1

Surrogate	*MB %Recovery*	*MB Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
2,4,6-Tribromophenol (Surr)	*64*		*18 - 137*	*10/08/25 20:50*	*10/09/25 11:13*	*1*
2-Fluorobiphenyl	*66*		*33 - 117*	*10/08/25 20:50*	*10/09/25 11:13*	*1*
2-Fluorophenol (Surr)	*68*		*24 - 120*	*10/08/25 20:50*	*10/09/25 11:13*	*1*
Nitrobenzene-d5 (Surr)	*73*		*27 - 120*	*10/08/25 20:50*	*10/09/25 11:13*	*1*
Phenol-d5 (Surr)	*72*		*28 - 118*	*10/08/25 20:50*	*10/09/25 11:13*	*1*
Terphenyl-d14 (Surr)	*74*		*33 - 124*	*10/08/25 20:50*	*10/09/25 11:13*	*1*

Lab Sample ID: LCS 460-1066909/2-A
Matrix: Solid
Analysis Batch: 1067021

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 1066909

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
1,1'-Biphenyl	3.33	2.28		mg/Kg		68	64 - 120
1,2,4,5-Tetrachlorobenzene	3.33	2.30		mg/Kg		69	60 - 120
1,4-Dioxane	3.33	2.26		mg/Kg		68	31 - 105
2,2'-oxybis[1-chloropropane]	3.33	2.72		mg/Kg		82	50 - 126
2,3,4,6-Tetrachlorophenol	3.33	2.19		mg/Kg		66	62 - 120
2,4,5-Trichlorophenol	3.33	2.31		mg/Kg		69	64 - 120
2,4,6-Trichlorophenol	3.33	2.27		mg/Kg		68	65 - 120
2,4-Dichlorophenol	3.33	2.54		mg/Kg		76	66 - 120
2,4-Dimethylphenol	3.33	2.45	*	mg/Kg		74	75 - 136
2,4-Dinitrophenol	6.67	5.30		mg/Kg		79	41 - 120
2,4-Dinitrotoluene	3.33	2.50		mg/Kg		75	65 - 124
2,6-Dinitrotoluene	3.33	2.53		mg/Kg		76	67 - 121
2-Chloronaphthalene	3.33	2.31		mg/Kg		69	64 - 120
2-Chlorophenol	3.33	2.57		mg/Kg		77	63 - 120
2-Methylnaphthalene	3.33	2.47		mg/Kg		74	56 - 102
2-Methylphenol	3.33	2.56		mg/Kg		77	63 - 120
2-Nitroaniline	3.33	2.08		mg/Kg		63	52 - 120
2-Nitrophenol	3.33	2.69		mg/Kg		81	64 - 120
3 & 4 Methylphenol	3.33	2.55		mg/Kg		77	61 - 120
3,3'-Dichlorobenzidine	3.33	1.64		mg/Kg		49	10 - 106
3-Nitroaniline	3.33	2.01		mg/Kg		60	18 - 105
4,6-Dinitro-2-methylphenol	6.67	5.11		mg/Kg		77	61 - 127

Method: 8270E - Semivolatile Organic Compounds (GC/MS) (Continued)

Lab Sample ID: LCS 460-1066909/2-A
Matrix: Solid
Analysis Batch: 1067021

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 1066909

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
4-Bromophenyl phenyl ether	3.33	2.41		mg/Kg		72	64 - 120
4-Chloro-3-methylphenol	3.33	2.38		mg/Kg		71	68 - 120
4-Chloroaniline	3.33	1.71		mg/Kg		51	10 - 107
4-Chlorophenyl phenyl ether	3.33	2.30		mg/Kg		69	62 - 120
4-Methylphenol	3.33	2.55		mg/Kg		77	61 - 120
4-Nitroaniline	3.33	2.00		mg/Kg		60	51 - 112
4-Nitrophenol	6.67	3.88		mg/Kg		58	52 - 122
Acenaphthene	3.33	2.21		mg/Kg		66	65 - 120
Acenaphthylene	3.33	2.32		mg/Kg		69	68 - 120
Acetophenone	3.33	2.48		mg/Kg		75	61 - 111
Anthracene	3.33	2.35		mg/Kg		71	67 - 120
Atrazine	1.33	1.09		mg/Kg		82	52 - 150
Benzaldehyde	1.33	1.10		mg/Kg		82	45 - 150
Benzo[a]anthracene	3.33	2.34		mg/Kg		70	66 - 120
Benzo[a]pyrene	3.33	2.34		mg/Kg		70	69 - 123
Benzo[b]fluoranthene	3.33	2.30		mg/Kg		69	66 - 125
Benzo[g,h,i]perylene	3.33	2.39		mg/Kg		72	66 - 138
Benzo[k]fluoranthene	3.33	2.35		mg/Kg		71	67 - 122
Bis(2-chloroethoxy)methane	3.33	2.54		mg/Kg		76	62 - 120
Bis(2-chloroethyl)ether	3.33	2.60		mg/Kg		78	60 - 120
Bis(2-ethylhexyl) phthalate	3.33	2.62		mg/Kg		78	64 - 125
Butyl benzyl phthalate	3.33	2.86		mg/Kg		86	62 - 127
Caprolactam	1.33	1.12		mg/Kg		84	46 - 150
Carbazole	3.33	2.30		mg/Kg		69	64 - 120
Chrysene	3.33	2.38		mg/Kg		71	67 - 120
Dibenz(a,h)anthracene	3.33	2.59		mg/Kg		78	66 - 128
Dibenzofuran	3.33	2.23		mg/Kg		67	61 - 120
Diethyl phthalate	3.33	2.20		mg/Kg		66	63 - 120
Dimethyl phthalate	3.33	2.27		mg/Kg		68	65 - 120
Di-n-butyl phthalate	3.33	2.59		mg/Kg		78	61 - 120
Di-n-octyl phthalate	3.33	2.71		mg/Kg		81	61 - 123
Fluoranthene	3.33	2.24		mg/Kg		67	61 - 120
Fluorene	3.33	2.22		mg/Kg		67	64 - 120
Hexachlorobenzene	3.33	2.41		mg/Kg		72	66 - 120
Hexachlorobutadiene	3.33	2.44		mg/Kg		73	62 - 120
Hexachlorocyclopentadiene	3.33	2.18		mg/Kg		65	32 - 150
Hexachloroethane	3.33	2.55		mg/Kg		77	61 - 112
Indeno[1,2,3-cd]pyrene	3.33	2.56		mg/Kg		77	63 - 137
Isophorone	3.33	2.53		mg/Kg		76	61 - 120
Naphthalene	3.33	2.42		mg/Kg		72	63 - 113
Nitrobenzene	3.33	2.53		mg/Kg		76	63 - 120
N-Nitrosodi-n-propylamine	3.33	2.58		mg/Kg		77	60 - 120
N-Nitrosodiphenylamine	3.33	2.43		mg/Kg		73	63 - 120
Pentachlorophenol	6.67	4.45		mg/Kg		67	61 - 126
Phenanthrene	3.33	2.36		mg/Kg		71	66 - 120
Phenol	3.33	2.76		mg/Kg		83	63 - 120
Pyrene	3.33	2.52		mg/Kg		75	61 - 121

Method: 8270E - Semivolatile Organic Compounds (GC/MS) (Continued)

Lab Sample ID: LCS 460-1066909/2-A
Matrix: Solid
Analysis Batch: 1067021

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 1066909

Surrogate	*LCS %Recovery*	*LCS Qualifier*	*Limits*
2,4,6-Tribromophenol (Surr)	*62*		*18 - 137*
2-Fluorobiphenyl	*65*		*33 - 117*
2-Fluorophenol (Surr)	*67*		*24 - 120*
Nitrobenzene-d5 (Surr)	*70*		*27 - 120*
Phenol-d5 (Surr)	*68*		*28 - 118*
Terphenyl-d14 (Surr)	*69*		*33 - 124*

Lab Sample ID: LCSD 460-1066909/3-A
Matrix: Solid
Analysis Batch: 1067021

Client Sample ID: Lab Control Sample Dup
Prep Type: Total/NA
Prep Batch: 1066909

Analyte			Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
1,1'-Biphenyl			3.33	2.33		mg/Kg		70	64 - 120	2	30
1,2,4,5-Tetrachlorobenzene			3.33	2.35		mg/Kg		70	60 - 120	2	30
1,4-Dioxane			3.33	2.14		mg/Kg		64	31 - 105	5	30
2,2'-oxybis[1-chloropropane]			3.33	2.74		mg/Kg		82	50 - 126	1	30
2,3,4,6-Tetrachlorophenol			3.33	2.32		mg/Kg		70	62 - 120	6	30
2,4,5-Trichlorophenol			3.33	2.40		mg/Kg		72	64 - 120	4	30
2,4,6-Trichlorophenol			3.33	2.31		mg/Kg		69	65 - 120	2	30
2,4-Dichlorophenol			3.33	2.56		mg/Kg		77	66 - 120	1	30
2,4-Dimethylphenol			3.33	2.46	*	mg/Kg		74	75 - 136	0	30
2,4-Dinitrophenol			6.67	5.51		mg/Kg		83	41 - 120	4	30
2,4-Dinitrotoluene			3.33	2.67		mg/Kg		80	65 - 124	6	30
2,6-Dinitrotoluene			3.33	2.64		mg/Kg		79	67 - 121	4	30
2-Chloronaphthalene			3.33	2.38		mg/Kg		71	64 - 120	3	30
2-Chlorophenol			3.33	2.61		mg/Kg		78	63 - 120	2	30
2-Methylnaphthalene			3.33	2.49		mg/Kg		75	56 - 102	1	30
2-Methylphenol			3.33	2.57		mg/Kg		77	63 - 120	0	30
2-Nitroaniline			3.33	2.17		mg/Kg		65	52 - 120	4	30
2-Nitrophenol			3.33	2.77		mg/Kg		83	64 - 120	3	30
3 & 4 Methylphenol			3.33	2.61		mg/Kg		78	61 - 120	2	30
3,3'-Dichlorobenzidine			3.33	1.76		mg/Kg		53	10 - 106	8	30
3-Nitroaniline			3.33	2.10		mg/Kg		63	18 - 105	5	30
4,6-Dinitro-2-methylphenol			6.67	5.33		mg/Kg		80	61 - 127	4	30
4-Bromophenyl phenyl ether			3.33	2.51		mg/Kg		75	64 - 120	4	30
4-Chloro-3-methylphenol			3.33	2.51		mg/Kg		75	68 - 120	5	30
4-Chloroaniline			3.33	1.85		mg/Kg		55	10 - 107	8	30
4-Chlorophenyl phenyl ether			3.33	2.38		mg/Kg		72	62 - 120	3	30
4-Methylphenol			3.33	2.61		mg/Kg		78	61 - 120	2	30
4-Nitroaniline			3.33	2.12		mg/Kg		64	51 - 112	6	30
4-Nitrophenol			6.67	4.07		mg/Kg		61	52 - 122	5	30
Acenaphthene			3.33	2.26		mg/Kg		68	65 - 120	3	30
Acenaphthylene			3.33	2.37		mg/Kg		71	68 - 120	2	30
Acetophenone			3.33	2.51		mg/Kg		75	61 - 111	1	30
Anthracene			3.33	2.46		mg/Kg		74	67 - 120	4	30
Atrazine			1.33	1.18		mg/Kg		88	52 - 150	8	30
Benzaldehyde			1.33	1.15		mg/Kg		86	45 - 150	5	30
Benzo[a]anthracene			3.33	2.40		mg/Kg		72	66 - 120	3	30

Method: 8270E - Semivolatile Organic Compounds (GC/MS) (Continued)

Lab Sample ID: LCSD 460-1066909/3-A
Matrix: Solid
Analysis Batch: 1067021

Client Sample ID: Lab Control Sample Dup
Prep Type: Total/NA
Prep Batch: 1066909

Analyte			Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Benzo[a]pyrene			3.33	2.46		mg/Kg		74	69 - 123	5	30
Benzo[b]fluoranthene			3.33	2.42		mg/Kg		73	66 - 125	5	30
Benzo[g,h,i]perylene			3.33	2.53		mg/Kg		76	66 - 138	6	30
Benzo[k]fluoranthene			3.33	2.45		mg/Kg		74	67 - 122	4	30
Bis(2-chloroethoxy)methane			3.33	2.52		mg/Kg		76	62 - 120	1	30
Bis(2-chloroethyl)ether			3.33	2.61		mg/Kg		78	60 - 120	0	30
Bis(2-ethylhexyl) phthalate			3.33	2.73		mg/Kg		82	64 - 125	4	30
Butyl benzyl phthalate			3.33	2.93		mg/Kg		88	62 - 127	2	30
Caprolactam			1.33	1.19		mg/Kg		89	46 - 150	6	30
Carbazole			3.33	2.39		mg/Kg		72	64 - 120	4	30
Chrysene			3.33	2.46		mg/Kg		74	67 - 120	4	30
Dibenz(a,h)anthracene			3.33	2.74		mg/Kg		82	66 - 128	6	30
Dibenzofuran			3.33	2.30		mg/Kg		69	61 - 120	3	30
Diethyl phthalate			3.33	2.31		mg/Kg		69	63 - 120	5	30
Dimethyl phthalate			3.33	2.37		mg/Kg		71	65 - 120	5	30
Di-n-butyl phthalate			3.33	2.70		mg/Kg		81	61 - 120	4	30
Di-n-octyl phthalate			3.33	2.86		mg/Kg		86	61 - 123	5	30
Fluoranthene			3.33	2.36		mg/Kg		71	61 - 120	5	30
Fluorene			3.33	2.32		mg/Kg		69	64 - 120	4	30
Hexachlorobenzene			3.33	2.48		mg/Kg		74	66 - 120	3	30
Hexachlorobutadiene			3.33	2.43		mg/Kg		73	62 - 120	0	30
Hexachlorocyclopentadiene			3.33	2.22		mg/Kg		67	32 - 150	2	30
Hexachloroethane			3.33	2.53		mg/Kg		76	61 - 112	1	30
Indeno[1,2,3-cd]pyrene			3.33	2.73		mg/Kg		82	63 - 137	7	30
Isophorone			3.33	2.51		mg/Kg		75	61 - 120	1	30
Naphthalene			3.33	2.43		mg/Kg		73	63 - 113	1	30
Nitrobenzene			3.33	2.59		mg/Kg		78	63 - 120	2	30
N-Nitrosodi-n-propylamine			3.33	2.60		mg/Kg		78	60 - 120	1	30
N-Nitrosodiphenylamine			3.33	2.51		mg/Kg		75	63 - 120	3	30
Pentachlorophenol			6.67	4.67		mg/Kg		70	61 - 126	5	30
Phenanthrene			3.33	2.43		mg/Kg		73	66 - 120	3	30
Phenol			3.33	2.53		mg/Kg		76	63 - 120	8	30
Pyrene			3.33	2.56		mg/Kg		77	61 - 121	2	30

Surrogate	*LCSD %Recovery*	*LCSD Qualifier*	*Limits*
2,4,6-Tribromophenol (Surr)	*64*		*18 - 137*
2-Fluorobiphenyl	*65*		*33 - 117*
2-Fluorophenol (Surr)	*66*		*24 - 120*
Nitrobenzene-d5 (Surr)	*71*		*27 - 120*
Phenol-d5 (Surr)	*70*		*28 - 118*
Terphenyl-d14 (Surr)	*71*		*33 - 124*

Lab Sample ID: 460-336505-C-1-I MS
Matrix: Solid
Analysis Batch: 1067021

Client Sample ID: Matrix Spike
Prep Type: Total/NA
Prep Batch: 1066909

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec Limits
1,1'-Biphenyl	0.37	U	3.79	2.27	*	mg/Kg	☼	60	64 - 120

Method: 8270E - Semivolatile Organic Compounds (GC/MS) (Continued)

Lab Sample ID: 460-336505-C-1-I MS
Matrix: Solid
Analysis Batch: 1067021

Client Sample ID: Matrix Spike
Prep Type: Total/NA
Prep Batch: 1066909

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec Limits
1,2,4,5-Tetrachlorobenzene	0.37	U	3.79	2.23	*	mg/Kg	☼	59	60 - 120
1,4-Dioxane	0.037	U	3.79	2.03		mg/Kg	☼	54	31 - 105
2,2'-oxybis[1-chloropropane]	0.37	U	3.79	2.66		mg/Kg	☼	70	50 - 126
2,3,4,6-Tetrachlorophenol	0.37	U	3.79	2.12	*	mg/Kg	☼	56	62 - 120
2,4,5-Trichlorophenol	0.37	U	3.79	2.16	*	mg/Kg	☼	57	64 - 120
2,4,6-Trichlorophenol	0.15	U	3.79	2.18	*	mg/Kg	☼	58	65 - 120
2,4-Dichlorophenol	0.15	U	3.79	2.45	*	mg/Kg	☼	65	66 - 120
2,4-Dimethylphenol	0.37	U *	3.79	2.45	*	mg/Kg	☼	65	75 - 136
2,4-Dinitrophenol	0.30	U	7.58	4.01		mg/Kg	☼	53	41 - 120
2,4-Dinitrotoluene	0.076	U	3.79	2.46		mg/Kg	☼	65	65 - 124
2,6-Dinitrotoluene	0.076	U	3.79	2.53		mg/Kg	☼	67	67 - 121
2-Chloronaphthalene	0.37	U	3.79	2.30	*	mg/Kg	☼	61	64 - 120
2-Chlorophenol	0.37	U	3.79	2.49		mg/Kg	☼	66	63 - 120
2-Methylnaphthalene	0.37	U	3.79	2.42		mg/Kg	☼	64	56 - 102
2-Methylphenol	0.37	U	3.79	2.48		mg/Kg	☼	66	63 - 120
2-Nitroaniline	0.37	U	3.79	2.06		mg/Kg	☼	54	52 - 120
2-Nitrophenol	0.37	U	3.79	2.65		mg/Kg	☼	70	64 - 120
3 & 4 Methylphenol	0.37	U	3.79	2.48		mg/Kg	☼	65	61 - 120
3,3'-Dichlorobenzidine	0.15	U	3.79	1.78		mg/Kg	☼	47	10 - 106
3-Nitroaniline	0.37	U	3.79	1.95		mg/Kg	☼	52	18 - 105
4,6-Dinitro-2-methylphenol	0.30	U	7.58	4.48	*	mg/Kg	☼	59	61 - 127
4-Bromophenyl phenyl ether	0.37	U	3.79	2.42		mg/Kg	☼	64	64 - 120
4-Chloro-3-methylphenol	0.37	U	3.79	2.36	*	mg/Kg	☼	62	68 - 120
4-Chloroaniline	0.37	U	3.79	1.54		mg/Kg	☼	41	10 - 107
4-Chlorophenyl phenyl ether	0.37	U	3.79	2.23	*	mg/Kg	☼	59	62 - 120
4-Methylphenol	0.37	U	3.79	2.48		mg/Kg	☼	65	61 - 120
4-Nitroaniline	0.37	U	3.79	1.86	*	mg/Kg	☼	49	51 - 112
4-Nitrophenol	0.76	U	7.58	3.78	*	mg/Kg	☼	50	52 - 122
Acenaphthene	0.37	U	3.79	2.17	*	mg/Kg	☼	57	65 - 120
Acenaphthylene	0.37	U	3.79	2.27	*	mg/Kg	☼	60	68 - 120
Acetophenone	0.37	U	3.79	2.41		mg/Kg	☼	64	61 - 111
Anthracene	0.37	U	3.79	2.35	*	mg/Kg	☼	62	67 - 120
Atrazine	0.15	U	1.52	1.30		mg/Kg	☼	86	52 - 150
Benzaldehyde	0.37	U	1.52	1.35		mg/Kg	☼	89	45 - 150
Benzo[a]anthracene	0.037	U	3.79	2.35	*	mg/Kg	☼	62	66 - 120
Benzo[a]pyrene	0.037	U	3.79	2.36	*	mg/Kg	☼	62	69 - 123
Benzo[b]fluoranthene	0.013	J	3.79	2.35	*	mg/Kg	☼	62	66 - 125
Benzo[g,h,i]perylene	0.37	U	3.79	1.67	*	mg/Kg	☼	44	66 - 138
Benzo[k]fluoranthene	0.037	U	3.79	2.35	*	mg/Kg	☼	62	67 - 122
Bis(2-chloroethoxy)methane	0.37	U	3.79	2.48		mg/Kg	☼	65	62 - 120
Bis(2-chloroethyl)ether	0.037	U	3.79	2.51		mg/Kg	☼	66	60 - 120
Bis(2-ethylhexyl) phthalate	0.37	U	3.79	2.45		mg/Kg	☼	65	64 - 125
Butyl benzyl phthalate	0.37	U	3.79	2.62		mg/Kg	☼	69	62 - 127
Caprolactam	0.37	U	1.52	1.34		mg/Kg	☼	89	46 - 150
Carbazole	0.37	U	3.79	2.32	*	mg/Kg	☼	61	64 - 120
Chrysene	0.37	U	3.79	2.39	*	mg/Kg	☼	63	67 - 120
Dibenz(a,h)anthracene	0.037	U	3.79	2.04	*	mg/Kg	☼	54	66 - 128
Dibenzofuran	0.37	U	3.79	2.21	*	mg/Kg	☼	58	61 - 120
Diethyl phthalate	0.37	U	3.79	2.17	*	mg/Kg	☼	57	63 - 120

Method: 8270E - Semivolatile Organic Compounds (GC/MS) (Continued)

Lab Sample ID: 460-336505-C-1-I MS
Matrix: Solid
Analysis Batch: 1067021

Client Sample ID: Matrix Spike
Prep Type: Total/NA
Prep Batch: 1066909

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec Limits
Dimethyl phthalate	0.37	U	3.79	2.25	*	mg/Kg	☼	59	65 - 120
Di-n-butyl phthalate	0.37	U	3.79	2.62		mg/Kg	☼	69	61 - 120
Di-n-octyl phthalate	0.37	U	3.79	2.44		mg/Kg	☼	65	61 - 123
Fluoranthene	0.37	U	3.79	2.31		mg/Kg	☼	61	61 - 120
Fluorene	0.37	U	3.79	2.17	*	mg/Kg	☼	57	64 - 120
Hexachlorobenzene	0.037	U	3.79	2.33	*	mg/Kg	☼	62	66 - 120
Hexachlorobutadiene	0.076	U	3.79	2.33		mg/Kg	☼	62	62 - 120
Hexachlorocyclopentadiene	0.37	U	3.79	1.46		mg/Kg	☼	39	32 - 150
Hexachloroethane	0.037	U	3.79	2.43		mg/Kg	☼	64	61 - 112
Indeno[1,2,3-cd]pyrene	0.037	U	3.79	1.97	*	mg/Kg	☼	52	63 - 137
Isophorone	0.15	U	3.79	2.48		mg/Kg	☼	65	61 - 120
Naphthalene	0.37	U	3.79	2.36	*	mg/Kg	☼	62	63 - 113
Nitrobenzene	0.037	U	3.79	2.45		mg/Kg	☼	65	63 - 120
N-Nitrosodi-n-propylamine	0.037	U	3.79	2.51		mg/Kg	☼	66	60 - 120
N-Nitrosodiphenylamine	0.37	U	3.79	2.43		mg/Kg	☼	64	63 - 120
Pentachlorophenol	0.30	U	7.58	4.49	*	mg/Kg	☼	59	61 - 126
Phenanthrene	0.37	U	3.79	2.34	*	mg/Kg	☼	62	66 - 120
Phenol	0.37	U	3.79	2.65		mg/Kg	☼	70	63 - 120
Pyrene	0.012	J	3.79	2.30		mg/Kg	☼	61	61 - 121

Surrogate	*MS %Recovery*	*MS Qualifier*	*Limits*
2,4,6-Tribromophenol (Surr)	*49*		*18 - 137*
2-Fluorobiphenyl	*54*		*33 - 117*
2-Fluorophenol (Surr)	*54*		*24 - 120*
Nitrobenzene-d5 (Surr)	*57*		*27 - 120*
Phenol-d5 (Surr)	*55*		*28 - 118*
Terphenyl-d14 (Surr)	*52*		*33 - 124*

Lab Sample ID: 460-336505-C-1-J MSD
Matrix: Solid
Analysis Batch: 1067021

Client Sample ID: Matrix Spike Duplicate
Prep Type: Total/NA
Prep Batch: 1066909

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
1,1'-Biphenyl	0.37	U	3.80	2.34	*	mg/Kg	☼	62	64 - 120	3	30
1,2,4,5-Tetrachlorobenzene	0.37	U	3.80	2.31		mg/Kg	☼	61	60 - 120	4	30
1,4-Dioxane	0.037	U	3.80	2.12		mg/Kg	☼	56	31 - 105	4	30
2,2'-oxybis[1-chloropropane]	0.37	U	3.80	2.70		mg/Kg	☼	71	50 - 126	1	30
2,3,4,6-Tetrachlorophenol	0.37	U	3.80	2.17	*	mg/Kg	☼	57	62 - 120	2	30
2,4,5-Trichlorophenol	0.37	U	3.80	2.38	*	mg/Kg	☼	63	64 - 120	10	30
2,4,6-Trichlorophenol	0.15	U	3.80	2.31	*	mg/Kg	☼	61	65 - 120	6	30
2,4-Dichlorophenol	0.15	U	3.80	2.50		mg/Kg	☼	66	66 - 120	2	30
2,4-Dimethylphenol	0.37	U *	3.80	2.50	*	mg/Kg	☼	66	75 - 136	2	30
2,4-Dinitrophenol	0.30	U	7.60	4.22		mg/Kg	☼	56	41 - 120	5	30
2,4-Dinitrotoluene	0.076	U	3.80	2.50		mg/Kg	☼	66	65 - 124	2	30
2,6-Dinitrotoluene	0.076	U	3.80	2.59		mg/Kg	☼	68	67 - 121	2	30
2-Chloronaphthalene	0.37	U	3.80	2.34	*	mg/Kg	☼	62	64 - 120	2	30
2-Chlorophenol	0.37	U	3.80	2.53		mg/Kg	☼	67	63 - 120	2	30
2-Methylnaphthalene	0.37	U	3.80	2.45		mg/Kg	☼	65	56 - 102	1	30

Method: 8270E - Semivolatile Organic Compounds (GC/MS) (Continued)

Lab Sample ID: 460-336505-C-1-J MSD
Matrix: Solid
Analysis Batch: 1067021

Client Sample ID: Matrix Spike Duplicate
Prep Type: Total/NA
Prep Batch: 1066909

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
2-Methylphenol	0.37	U	3.80	2.48		mg/Kg	☼	65	63 - 120	0	30
2-Nitroaniline	0.37	U	3.80	2.10		mg/Kg	☼	55	52 - 120	2	30
2-Nitrophenol	0.37	U	3.80	2.73		mg/Kg	☼	72	64 - 120	3	30
3 & 4 Methylphenol	0.37	U	3.80	2.49		mg/Kg	☼	66	61 - 120	1	30
3,3'-Dichlorobenzidine	0.15	U	3.80	1.73		mg/Kg	☼	45	10 - 106	3	30
3-Nitroaniline	0.37	U	3.80	2.02		mg/Kg	☼	53	18 - 105	4	30
4,6-Dinitro-2-methylphenol	0.30	U	7.60	4.71		mg/Kg	☼	62	61 - 127	5	30
4-Bromophenyl phenyl ether	0.37	U	3.80	2.56		mg/Kg	☼	67	64 - 120	6	30
4-Chloro-3-methylphenol	0.37	U	3.80	2.39	*	mg/Kg	☼	63	68 - 120	1	30
4-Chloroaniline	0.37	U	3.80	1.47		mg/Kg	☼	39	10 - 107	5	30
4-Chlorophenyl phenyl ether	0.37	U	3.80	2.31	*	mg/Kg	☼	61	62 - 120	4	30
4-Methylphenol	0.37	U	3.80	2.49		mg/Kg	☼	66	61 - 120	1	30
4-Nitroaniline	0.37	U	3.80	1.92	*	mg/Kg	☼	50	51 - 112	3	30
4-Nitrophenol	0.76	U	7.60	3.94		mg/Kg	☼	52	52 - 122	4	30
Acenaphthene	0.37	U	3.80	2.22	*	mg/Kg	☼	58	65 - 120	2	30
Acenaphthylene	0.37	U	3.80	2.33	*	mg/Kg	☼	61	68 - 120	3	30
Acetophenone	0.37	U	3.80	2.43		mg/Kg	☼	64	61 - 111	1	30
Anthracene	0.37	U	3.80	2.39	*	mg/Kg	☼	63	67 - 120	2	30
Atrazine	0.15	U	1.52	1.43		mg/Kg	☼	94	52 - 150	10	30
Benzaldehyde	0.37	U	1.52	1.43		mg/Kg	☼	94	45 - 150	6	30
Benzo[a]anthracene	0.037	U	3.80	2.34	*	mg/Kg	☼	62	66 - 120	1	30
Benzo[a]pyrene	0.037	U	3.80	2.43	*	mg/Kg	☼	64	69 - 123	3	30
Benzo[b]fluoranthene	0.013	J	3.80	2.42	*	mg/Kg	☼	63	66 - 125	3	30
Benzo[g,h,i]perylene	0.37	U	3.80	1.68	*	mg/Kg	☼	44	66 - 138	0	30
Benzo[k]fluoranthene	0.037	U	3.80	2.31	*	mg/Kg	☼	61	67 - 122	2	30
Bis(2-chloroethoxy)methane	0.37	U	3.80	2.56		mg/Kg	☼	67	62 - 120	3	30
Bis(2-chloroethyl)ether	0.037	U	3.80	2.57		mg/Kg	☼	68	60 - 120	3	30
Bis(2-ethylhexyl) phthalate	0.37	U	3.80	2.45		mg/Kg	☼	64	64 - 125	0	30
Butyl benzyl phthalate	0.37	U	3.80	2.63		mg/Kg	☼	69	62 - 127	0	30
Caprolactam	0.37	U	1.52	1.40		mg/Kg	☼	92	46 - 150	4	30
Carbazole	0.37	U	3.80	2.37	*	mg/Kg	☼	62	64 - 120	2	30
Chrysene	0.37	U	3.80	2.44	*	mg/Kg	☼	64	67 - 120	2	30
Dibenz(a,h)anthracene	0.037	U	3.80	2.05	*	mg/Kg	☼	54	66 - 128	0	30
Dibenzofuran	0.37	U	3.80	2.27	*	mg/Kg	☼	60	61 - 120	2	30
Diethyl phthalate	0.37	U	3.80	2.22	*	mg/Kg	☼	58	63 - 120	2	30
Dimethyl phthalate	0.37	U	3.80	2.29	*	mg/Kg	☼	60	65 - 120	2	30
Di-n-butyl phthalate	0.37	U	3.80	2.70		mg/Kg	☼	71	61 - 120	3	30
Di-n-octyl phthalate	0.37	U	3.80	2.44		mg/Kg	☼	64	61 - 123	0	30
Fluoranthene	0.37	U	3.80	2.29	*	mg/Kg	☼	60	61 - 120	1	30
Fluorene	0.37	U	3.80	2.25	*	mg/Kg	☼	59	64 - 120	3	30
Hexachlorobenzene	0.037	U	3.80	2.43	*	mg/Kg	☼	64	66 - 120	4	30
Hexachlorobutadiene	0.076	U	3.80	2.42		mg/Kg	☼	64	62 - 120	4	30
Hexachlorocyclopentadiene	0.37	U	3.80	1.63		mg/Kg	☼	43	32 - 150	10	30
Hexachloroethane	0.037	U	3.80	2.47		mg/Kg	☼	65	61 - 112	1	30
Indeno[1,2,3-cd]pyrene	0.037	U	3.80	1.95	*	mg/Kg	☼	51	63 - 137	1	30
Isophorone	0.15	U	3.80	2.55		mg/Kg	☼	67	61 - 120	3	30
Naphthalene	0.37	U	3.80	2.42		mg/Kg	☼	64	63 - 113	2	30
Nitrobenzene	0.037	U	3.80	2.49		mg/Kg	☼	65	63 - 120	1	30
N-Nitrosodi-n-propylamine	0.037	U	3.80	2.58		mg/Kg	☼	68	60 - 120	3	30

Method: 8270E - Semivolatile Organic Compounds (GC/MS) (Continued)

Lab Sample ID: 460-336505-C-1-J MSD
Matrix: Solid
Analysis Batch: 1067021

Client Sample ID: Matrix Spike Duplicate
Prep Type: Total/NA
Prep Batch: 1066909

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
N-Nitrosodiphenylamine	0.37	U	3.80	2.56		mg/Kg	☼	67	63 - 120	5	30
Pentachlorophenol	0.30	U	7.60	4.58	*	mg/Kg	☼	60	61 - 126	2	30
Phenanthrene	0.37	U	3.80	2.41	*	mg/Kg	☼	63	66 - 120	3	30
Phenol	0.37	U	3.80	2.68		mg/Kg	☼	71	63 - 120	1	30
Pyrene	0.012	J	3.80	2.33		mg/Kg	☼	61	61 - 121	1	30

Surrogate	*MSD %Recovery*	*MSD Qualifier*	*Limits*
2,4,6-Tribromophenol (Surr)	*50*		*18 - 137*
2-Fluorobiphenyl	*54*		*33 - 117*
2-Fluorophenol (Surr)	*56*		*24 - 120*
Nitrobenzene-d5 (Surr)	*60*		*27 - 120*
Phenol-d5 (Surr)	*58*		*28 - 118*
Terphenyl-d14 (Surr)	*53*		*33 - 124*

Lab Sample ID: MB 460-1066911/1-A
Matrix: Solid
Analysis Batch: 1066950

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 1066911

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1'-Biphenyl	0.33	U	0.33	0.012	mg/Kg		10/08/25 20:51	10/09/25 07:28	1
1,2,4,5-Tetrachlorobenzene	0.33	U	0.33	0.010	mg/Kg		10/08/25 20:51	10/09/25 07:28	1
1,4-Dioxane	0.033	U	0.033	0.029	mg/Kg		10/08/25 20:51	10/09/25 07:28	1
2,2'-oxybis[1-chloropropane]	0.33	U	0.33	0.020	mg/Kg		10/08/25 20:51	10/09/25 07:28	1
2,3,4,6-Tetrachlorophenol	0.33	U	0.33	0.022	mg/Kg		10/08/25 20:51	10/09/25 07:28	1
2,4,5-Trichlorophenol	0.33	U	0.33	0.034	mg/Kg		10/08/25 20:51	10/09/25 07:28	1
2,4,6-Trichlorophenol	0.13	U	0.13	0.042	mg/Kg		10/08/25 20:51	10/09/25 07:28	1
2,4-Dichlorophenol	0.13	U	0.13	0.021	mg/Kg		10/08/25 20:51	10/09/25 07:28	1
2,4-Dimethylphenol	0.33	U	0.33	0.039	mg/Kg		10/08/25 20:51	10/09/25 07:28	1
2,4-Dinitrophenol	0.27	U	0.27	0.16	mg/Kg		10/08/25 20:51	10/09/25 07:28	1
2,4-Dinitrotoluene	0.067	U	0.067	0.036	mg/Kg		10/08/25 20:51	10/09/25 07:28	1
2,6-Dinitrotoluene	0.067	U	0.067	0.024	mg/Kg		10/08/25 20:51	10/09/25 07:28	1
2-Chloronaphthalene	0.33	U	0.33	0.043	mg/Kg		10/08/25 20:51	10/09/25 07:28	1
2-Chlorophenol	0.33	U	0.33	0.012	mg/Kg		10/08/25 20:51	10/09/25 07:28	1
2-Methylnaphthalene	0.33	U	0.33	0.0093	mg/Kg		10/08/25 20:51	10/09/25 07:28	1
2-Methylphenol	0.33	U	0.33	0.012	mg/Kg		10/08/25 20:51	10/09/25 07:28	1
2-Nitroaniline	0.33	U	0.33	0.025	mg/Kg		10/08/25 20:51	10/09/25 07:28	1
2-Nitrophenol	0.33	U	0.33	0.033	mg/Kg		10/08/25 20:51	10/09/25 07:28	1
3 & 4 Methylphenol	0.33	U	0.33	0.021	mg/Kg		10/08/25 20:51	10/09/25 07:28	1
3,3'-Dichlorobenzidine	0.13	U	0.13	0.050	mg/Kg		10/08/25 20:51	10/09/25 07:28	1
3-Nitroaniline	0.33	U	0.33	0.079	mg/Kg		10/08/25 20:51	10/09/25 07:28	1
4,6-Dinitro-2-methylphenol	0.27	U	0.27	0.14	mg/Kg		10/08/25 20:51	10/09/25 07:28	1
4-Bromophenyl phenyl ether	0.33	U	0.33	0.013	mg/Kg		10/08/25 20:51	10/09/25 07:28	1
4-Chloro-3-methylphenol	0.33	U	0.33	0.019	mg/Kg		10/08/25 20:51	10/09/25 07:28	1
4-Chloroaniline	0.33	U	0.33	0.059	mg/Kg		10/08/25 20:51	10/09/25 07:28	1
4-Chlorophenyl phenyl ether	0.33	U	0.33	0.012	mg/Kg		10/08/25 20:51	10/09/25 07:28	1
4-Methylphenol	0.33	U	0.33	0.021	mg/Kg		10/08/25 20:51	10/09/25 07:28	1
4-Nitroaniline	0.33	U	0.33	0.084	mg/Kg		10/08/25 20:51	10/09/25 07:28	1
4-Nitrophenol	0.67	U	0.67	0.054	mg/Kg		10/08/25 20:51	10/09/25 07:28	1

Method: 8270E - Semivolatile Organic Compounds (GC/MS) (Continued)

Lab Sample ID: MB 460-1066911/1-A
Matrix: Solid
Analysis Batch: 1066950

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 1066911

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Acenaphthene	0.33	U	0.33	0.0094	mg/Kg		10/08/25 20:51	10/09/25 07:28	1
Acenaphthylene	0.33	U	0.33	0.0095	mg/Kg		10/08/25 20:51	10/09/25 07:28	1
Acetophenone	0.33	U	0.33	0.016	mg/Kg		10/08/25 20:51	10/09/25 07:28	1
Anthracene	0.33	U	0.33	0.010	mg/Kg		10/08/25 20:51	10/09/25 07:28	1
Atrazine	0.13	U	0.13	0.019	mg/Kg		10/08/25 20:51	10/09/25 07:28	1
Benzaldehyde	0.33	U	0.33	0.055	mg/Kg		10/08/25 20:51	10/09/25 07:28	1
Benzo[a]anthracene	0.033	U	0.033	0.025	mg/Kg		10/08/25 20:51	10/09/25 07:28	1
Benzo[a]pyrene	0.033	U	0.033	0.0088	mg/Kg		10/08/25 20:51	10/09/25 07:28	1
Benzo[b]fluoranthene	0.033	U	0.033	0.0086	mg/Kg		10/08/25 20:51	10/09/25 07:28	1
Benzo[g,h,i]perylene	0.33	U	0.33	0.0098	mg/Kg		10/08/25 20:51	10/09/25 07:28	1
Benzo[k]fluoranthene	0.033	U	0.033	0.0065	mg/Kg		10/08/25 20:51	10/09/25 07:28	1
Bis(2-chloroethoxy)methane	0.33	U	0.33	0.061	mg/Kg		10/08/25 20:51	10/09/25 07:28	1
Bis(2-chloroethyl)ether	0.033	U	0.033	0.012	mg/Kg		10/08/25 20:51	10/09/25 07:28	1
Bis(2-ethylhexyl) phthalate	0.33	U	0.33	0.017	mg/Kg		10/08/25 20:51	10/09/25 07:28	1
Butyl benzyl phthalate	0.33	U	0.33	0.016	mg/Kg		10/08/25 20:51	10/09/25 07:28	1
Caprolactam	0.33	U	0.33	0.051	mg/Kg		10/08/25 20:51	10/09/25 07:28	1
Carbazole	0.33	U	0.33	0.013	mg/Kg		10/08/25 20:51	10/09/25 07:28	1
Chrysene	0.33	U	0.33	0.014	mg/Kg		10/08/25 20:51	10/09/25 07:28	1
Dibenz(a,h)anthracene	0.033	U	0.033	0.014	mg/Kg		10/08/25 20:51	10/09/25 07:28	1
Dibenzofuran	0.33	U	0.33	0.011	mg/Kg		10/08/25 20:51	10/09/25 07:28	1
Diethyl phthalate	0.33	U	0.33	0.011	mg/Kg		10/08/25 20:51	10/09/25 07:28	1
Dimethyl phthalate	0.33	U	0.33	0.075	mg/Kg		10/08/25 20:51	10/09/25 07:28	1
Di-n-butyl phthalate	0.33	U	0.33	0.012	mg/Kg		10/08/25 20:51	10/09/25 07:28	1
Di-n-octyl phthalate	0.33	U	0.33	0.018	mg/Kg		10/08/25 20:51	10/09/25 07:28	1
Fluoranthene	0.33	U	0.33	0.012	mg/Kg		10/08/25 20:51	10/09/25 07:28	1
Fluorene	0.33	U	0.33	0.0097	mg/Kg		10/08/25 20:51	10/09/25 07:28	1
Hexachlorobenzene	0.033	U	0.033	0.016	mg/Kg		10/08/25 20:51	10/09/25 07:28	1
Hexachlorobutadiene	0.067	U	0.067	0.0070	mg/Kg		10/08/25 20:51	10/09/25 07:28	1
Hexachlorocyclopentadiene	0.33	U	0.33	0.029	mg/Kg		10/08/25 20:51	10/09/25 07:28	1
Hexachloroethane	0.033	U	0.033	0.011	mg/Kg		10/08/25 20:51	10/09/25 07:28	1
Indeno[1,2,3-cd]pyrene	0.033	U	0.033	0.013	mg/Kg		10/08/25 20:51	10/09/25 07:28	1
Isophorone	0.13	U	0.13	0.096	mg/Kg		10/08/25 20:51	10/09/25 07:28	1
Naphthalene	0.33	U	0.33	0.0057	mg/Kg		10/08/25 20:51	10/09/25 07:28	1
Nitrobenzene	0.033	U	0.033	0.018	mg/Kg		10/08/25 20:51	10/09/25 07:28	1
N-Nitrosodi-n-propylamine	0.033	U	0.033	0.024	mg/Kg		10/08/25 20:51	10/09/25 07:28	1
N-Nitrosodiphenylamine	0.33	U	0.33	0.027	mg/Kg		10/08/25 20:51	10/09/25 07:28	1
Pentachlorophenol	0.27	U	0.27	0.068	mg/Kg		10/08/25 20:51	10/09/25 07:28	1
Phenanthrene	0.33	U	0.33	0.014	mg/Kg		10/08/25 20:51	10/09/25 07:28	1
Phenol	0.33	U	0.33	0.012	mg/Kg		10/08/25 20:51	10/09/25 07:28	1
Pyrene	0.33	U	0.33	0.0082	mg/Kg		10/08/25 20:51	10/09/25 07:28	1

Surrogate	*MB %Recovery*	*MB Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
2,4,6-Tribromophenol (Surr)	*75*		*18 - 137*	*10/08/25 20:51*	*10/09/25 07:28*	*1*
2-Fluorobiphenyl	*73*		*33 - 117*	*10/08/25 20:51*	*10/09/25 07:28*	*1*
2-Fluorophenol (Surr)	*81*		*24 - 120*	*10/08/25 20:51*	*10/09/25 07:28*	*1*
Nitrobenzene-d5 (Surr)	*76*		*27 - 120*	*10/08/25 20:51*	*10/09/25 07:28*	*1*
Phenol-d5 (Surr)	*75*		*28 - 118*	*10/08/25 20:51*	*10/09/25 07:28*	*1*
Terphenyl-d14 (Surr)	*73*		*33 - 124*	*10/08/25 20:51*	*10/09/25 07:28*	*1*

Method: 8270E - Semivolatile Organic Compounds (GC/MS) (Continued)

Lab Sample ID: LCS 460-1066911/2-A
Matrix: Solid
Analysis Batch: 1066950

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 1066911

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
1,1'-Biphenyl	3.33	2.46		mg/Kg		74	64 - 120
1,2,4,5-Tetrachlorobenzene	3.33	2.46		mg/Kg		74	60 - 120
1,4-Dioxane	3.33	2.36		mg/Kg		71	31 - 105
2,2'-oxybis[1-chloropropane]	3.33	2.50		mg/Kg		75	50 - 126
2,3,4,6-Tetrachlorophenol	3.33	2.60		mg/Kg		78	62 - 120
2,4,5-Trichlorophenol	3.33	2.50		mg/Kg		75	64 - 120
2,4,6-Trichlorophenol	3.33	2.56		mg/Kg		77	65 - 120
2,4-Dichlorophenol	3.33	2.70		mg/Kg		81	66 - 120
2,4-Dimethylphenol	3.33	2.66		mg/Kg		80	75 - 136
2,4-Dinitrophenol	6.67	5.25		mg/Kg		79	41 - 120
2,4-Dinitrotoluene	3.33	2.76		mg/Kg		83	65 - 124
2,6-Dinitrotoluene	3.33	2.61		mg/Kg		78	67 - 121
2-Chloronaphthalene	3.33	2.45		mg/Kg		73	64 - 120
2-Chlorophenol	3.33	2.67		mg/Kg		80	63 - 120
2-Methylnaphthalene	3.33	2.75		mg/Kg		82	56 - 102
2-Methylphenol	3.33	2.67		mg/Kg		80	63 - 120
2-Nitroaniline	3.33	2.37		mg/Kg		71	52 - 120
2-Nitrophenol	3.33	2.77		mg/Kg		83	64 - 120
3 & 4 Methylphenol	3.33	2.71		mg/Kg		81	61 - 120
3,3'-Dichlorobenzidine	3.33	1.96		mg/Kg		59	10 - 106
3-Nitroaniline	3.33	1.89		mg/Kg		57	18 - 105
4,6-Dinitro-2-methylphenol	6.67	6.12		mg/Kg		92	61 - 127
4-Bromophenyl phenyl ether	3.33	2.65		mg/Kg		80	64 - 120
4-Chloro-3-methylphenol	3.33	2.67		mg/Kg		80	68 - 120
4-Chloroaniline	3.33	1.47		mg/Kg		44	10 - 107
4-Chlorophenyl phenyl ether	3.33	2.48		mg/Kg		74	62 - 120
4-Methylphenol	3.33	2.71		mg/Kg		81	61 - 120
4-Nitroaniline	3.33	2.31		mg/Kg		69	51 - 112
4-Nitrophenol	6.67	4.42		mg/Kg		66	52 - 122
Acenaphthene	3.33	2.47		mg/Kg		74	65 - 120
Acenaphthylene	3.33	2.53		mg/Kg		76	68 - 120
Acetophenone	3.33	2.65		mg/Kg		80	61 - 111
Anthracene	3.33	2.66		mg/Kg		80	67 - 120
Atrazine	1.33	1.24		mg/Kg		93	52 - 150
Benzaldehyde	1.33	1.25		mg/Kg		94	45 - 150
Benzo[a]anthracene	3.33	2.65		mg/Kg		80	66 - 120
Benzo[a]pyrene	3.33	2.77		mg/Kg		83	69 - 123
Benzo[b]fluoranthene	3.33	2.64		mg/Kg		79	66 - 125
Benzo[g,h,i]perylene	3.33	2.50		mg/Kg		75	66 - 138
Benzo[k]fluoranthene	3.33	2.61		mg/Kg		78	67 - 122
Bis(2-chloroethoxy)methane	3.33	2.61		mg/Kg		78	62 - 120
Bis(2-chloroethyl)ether	3.33	2.82		mg/Kg		85	60 - 120
Bis(2-ethylhexyl) phthalate	3.33	2.81		mg/Kg		84	64 - 125
Butyl benzyl phthalate	3.33	2.93		mg/Kg		88	62 - 127
Caprolactam	1.33	1.21		mg/Kg		91	46 - 150
Carbazole	3.33	2.61		mg/Kg		78	64 - 120
Chrysene	3.33	2.67		mg/Kg		80	67 - 120
Dibenz(a,h)anthracene	3.33	2.76		mg/Kg		83	66 - 128

Method: 8270E - Semivolatile Organic Compounds (GC/MS) (Continued)

Lab Sample ID: LCS 460-1066911/2-A
Matrix: Solid
Analysis Batch: 1066950

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 1066911

Analyte			Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits		
Dibenzofuran			3.33	2.45		mg/Kg		73	61 - 120		
Diethyl phthalate			3.33	2.54		mg/Kg		76	63 - 120		
Dimethyl phthalate			3.33	2.57		mg/Kg		77	65 - 120		
Di-n-butyl phthalate			3.33	2.96		mg/Kg		89	61 - 120		
Di-n-octyl phthalate			3.33	2.89		mg/Kg		87	61 - 123		
Fluoranthene			3.33	2.66		mg/Kg		80	61 - 120		
Fluorene			3.33	2.48		mg/Kg		75	64 - 120		
Hexachlorobenzene			3.33	2.57		mg/Kg		77	66 - 120		
Hexachlorobutadiene			3.33	2.65		mg/Kg		80	62 - 120		
Hexachlorocyclopentadiene			3.33	1.18		mg/Kg		35	32 - 150		
Hexachloroethane			3.33	2.63		mg/Kg		79	61 - 112		
Indeno[1,2,3-cd]pyrene			3.33	2.31		mg/Kg		69	63 - 137		
Isophorone			3.33	2.62		mg/Kg		79	61 - 120		
Naphthalene			3.33	2.57		mg/Kg		77	63 - 113		
Nitrobenzene			3.33	2.75		mg/Kg		82	63 - 120		
N-Nitrosodi-n-propylamine			3.33	2.73		mg/Kg		82	60 - 120		
N-Nitrosodiphenylamine			3.33	2.62		mg/Kg		79	63 - 120		
Pentachlorophenol			6.67	5.34		mg/Kg		80	61 - 126		
Phenanthrene			3.33	2.60		mg/Kg		78	66 - 120		
Phenol			3.33	2.65		mg/Kg		79	63 - 120		
Pyrene			3.33	2.64		mg/Kg		79	61 - 121		

Surrogate	*LCS %Recovery*	*LCS Qualifier*	*Limits*
2,4,6-Tribromophenol (Surr)	*71*		*18 - 137*
2-Fluorobiphenyl	*68*		*33 - 117*
2-Fluorophenol (Surr)	*75*		*24 - 120*
Nitrobenzene-d5 (Surr)	*71*		*27 - 120*
Phenol-d5 (Surr)	*73*		*28 - 118*
Terphenyl-d14 (Surr)	*70*		*33 - 124*

Lab Sample ID: LCSD 460-1066911/3-A
Matrix: Solid
Analysis Batch: 1066950

Client Sample ID: Lab Control Sample Dup
Prep Type: Total/NA
Prep Batch: 1066911

Analyte			Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
1,1'-Biphenyl			3.33	2.49		mg/Kg		75	64 - 120	2	30
1,2,4,5-Tetrachlorobenzene			3.33	2.50		mg/Kg		75	60 - 120	2	30
1,4-Dioxane			3.33	2.49		mg/Kg		75	31 - 105	5	30
2,2'-oxybis[1-chloropropane]			3.33	2.55		mg/Kg		77	50 - 126	2	30
2,3,4,6-Tetrachlorophenol			3.33	2.58		mg/Kg		77	62 - 120	1	30
2,4,5-Trichlorophenol			3.33	2.58		mg/Kg		77	64 - 120	3	30
2,4,6-Trichlorophenol			3.33	2.59		mg/Kg		78	65 - 120	1	30
2,4-Dichlorophenol			3.33	2.74		mg/Kg		82	66 - 120	1	30
2,4-Dimethylphenol			3.33	2.71		mg/Kg		81	75 - 136	2	30
2,4-Dinitrophenol			6.67	5.36		mg/Kg		80	41 - 120	2	30
2,4-Dinitrotoluene			3.33	2.74		mg/Kg		82	65 - 124	1	30
2,6-Dinitrotoluene			3.33	2.67		mg/Kg		80	67 - 121	2	30
2-Chloronaphthalene			3.33	2.49		mg/Kg		75	64 - 120	2	30

Method: 8270E - Semivolatile Organic Compounds (GC/MS) (Continued)

Lab Sample ID: LCSD 460-1066911/3-A
Matrix: Solid
Analysis Batch: 1066950

Client Sample ID: Lab Control Sample Dup
Prep Type: Total/NA
Prep Batch: 1066911

Analyte	Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
2-Chlorophenol	3.33	2.75		mg/Kg		83	63 - 120	3	30
2-Methylnaphthalene	3.33	2.79		mg/Kg		84	56 - 102	1	30
2-Methylphenol	3.33	2.71		mg/Kg		81	63 - 120	2	30
2-Nitroaniline	3.33	2.39		mg/Kg		72	52 - 120	1	30
2-Nitrophenol	3.33	2.84		mg/Kg		85	64 - 120	2	30
3 & 4 Methylphenol	3.33	2.75		mg/Kg		83	61 - 120	1	30
3,3'-Dichlorobenzidine	3.33	1.93		mg/Kg		58	10 - 106	1	30
3-Nitroaniline	3.33	1.86		mg/Kg		56	18 - 105	1	30
4,6-Dinitro-2-methylphenol	6.67	6.15		mg/Kg		92	61 - 127	0	30
4-Bromophenyl phenyl ether	3.33	2.66		mg/Kg		80	64 - 120	0	30
4-Chloro-3-methylphenol	3.33	2.71		mg/Kg		81	68 - 120	1	30
4-Chloroaniline	3.33	1.55		mg/Kg		46	10 - 107	5	30
4-Chlorophenyl phenyl ether	3.33	2.52		mg/Kg		75	62 - 120	1	30
4-Methylphenol	3.33	2.75		mg/Kg		83	61 - 120	1	30
4-Nitroaniline	3.33	2.31		mg/Kg		69	51 - 112	0	30
4-Nitrophenol	6.67	4.36		mg/Kg		65	52 - 122	1	30
Acenaphthene	3.33	2.52		mg/Kg		76	65 - 120	2	30
Acenaphthylene	3.33	2.59		mg/Kg		78	68 - 120	2	30
Acetophenone	3.33	2.69		mg/Kg		81	61 - 111	1	30
Anthracene	3.33	2.66		mg/Kg		80	67 - 120	0	30
Atrazine	1.33	1.21		mg/Kg		91	52 - 150	2	30
Benzaldehyde	1.33	1.23		mg/Kg		92	45 - 150	1	30
Benzo[a]anthracene	3.33	2.64		mg/Kg		79	66 - 120	1	30
Benzo[a]pyrene	3.33	2.79		mg/Kg		84	69 - 123	1	30
Benzo[b]fluoranthene	3.33	2.61		mg/Kg		78	66 - 125	1	30
Benzo[g,h,i]perylene	3.33	2.51		mg/Kg		75	66 - 138	0	30
Benzo[k]fluoranthene	3.33	2.68		mg/Kg		81	67 - 122	3	30
Bis(2-chloroethoxy)methane	3.33	2.66		mg/Kg		80	62 - 120	2	30
Bis(2-chloroethyl)ether	3.33	2.88		mg/Kg		87	60 - 120	2	30
Bis(2-ethylhexyl) phthalate	3.33	2.79		mg/Kg		84	64 - 125	1	30
Butyl benzyl phthalate	3.33	2.88		mg/Kg		87	62 - 127	2	30
Caprolactam	1.33	1.19		mg/Kg		89	46 - 150	1	30
Carbazole	3.33	2.62		mg/Kg		79	64 - 120	0	30
Chrysene	3.33	2.67		mg/Kg		80	67 - 120	0	30
Dibenz(a,h)anthracene	3.33	2.78		mg/Kg		83	66 - 128	1	30
Dibenzofuran	3.33	2.50		mg/Kg		75	61 - 120	2	30
Diethyl phthalate	3.33	2.56		mg/Kg		77	63 - 120	1	30
Dimethyl phthalate	3.33	2.60		mg/Kg		78	65 - 120	1	30
Di-n-butyl phthalate	3.33	2.94		mg/Kg		88	61 - 120	1	30
Di-n-octyl phthalate	3.33	2.89		mg/Kg		87	61 - 123	0	30
Fluoranthene	3.33	2.64		mg/Kg		79	61 - 120	1	30
Fluorene	3.33	2.52		mg/Kg		76	64 - 120	1	30
Hexachlorobenzene	3.33	2.61		mg/Kg		78	66 - 120	2	30
Hexachlorobutadiene	3.33	2.73		mg/Kg		82	62 - 120	3	30
Hexachlorocyclopentadiene	3.33	1.14		mg/Kg		34	32 - 150	4	30
Hexachloroethane	3.33	2.69		mg/Kg		81	61 - 112	2	30
Indeno[1,2,3-cd]pyrene	3.33	2.39		mg/Kg		72	63 - 137	4	30
Isophorone	3.33	2.68		mg/Kg		80	61 - 120	2	30
Naphthalene	3.33	2.65		mg/Kg		80	63 - 113	3	30

Method: 8270E - Semivolatile Organic Compounds (GC/MS) (Continued)

Lab Sample ID: LCSD 460-1066911/3-A
Matrix: Solid
Analysis Batch: 1066950

Client Sample ID: Lab Control Sample Dup
Prep Type: Total/NA
Prep Batch: 1066911

Analyte			Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Nitrobenzene			3.33	2.80		mg/Kg		84	63 - 120	2	30
N-Nitrosodi-n-propylamine			3.33	2.73		mg/Kg		82	60 - 120	0	30
N-Nitrosodiphenylamine			3.33	2.65		mg/Kg		80	63 - 120	1	30
Pentachlorophenol			6.67	5.32		mg/Kg		80	61 - 126	0	30
Phenanthrene			3.33	2.62		mg/Kg		79	66 - 120	1	30
Phenol			3.33	2.69		mg/Kg		81	63 - 120	2	30
Pyrene			3.33	2.63		mg/Kg		79	61 - 121	0	30

Surrogate	*LCSD %Recovery*	*LCSD Qualifier*	*Limits*
2,4,6-Tribromophenol (Surr)	*72*		*18 - 137*
2-Fluorobiphenyl	*69*		*33 - 117*
2-Fluorophenol (Surr)	*76*		*24 - 120*
Nitrobenzene-d5 (Surr)	*72*		*27 - 120*
Phenol-d5 (Surr)	*73*		*28 - 118*
Terphenyl-d14 (Surr)	*70*		*33 - 124*

Lab Sample ID: 460-336648-1 MS
Matrix: Solid
Analysis Batch: 1066950

Client Sample ID: 44A_0-4
Prep Type: Total/NA
Prep Batch: 1066911

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec Limits
1,1'-Biphenyl	0.34	U	3.46	2.64		mg/Kg	☼	76	64 - 120
1,2,4,5-Tetrachlorobenzene	0.34	U	3.46	2.65		mg/Kg	☼	76	60 - 120
1,4-Dioxane	0.034	U	3.46	2.36		mg/Kg	☼	68	31 - 105
2,2'-oxybis[1-chloropropane]	0.34	U	3.46	2.63		mg/Kg	☼	76	50 - 126
2,3,4,6-Tetrachlorophenol	0.34	U	3.46	2.74		mg/Kg	☼	79	62 - 120
2,4,5-Trichlorophenol	0.34	U	3.46	2.76		mg/Kg	☼	80	64 - 120
2,4,6-Trichlorophenol	0.14	U	3.46	2.69		mg/Kg	☼	78	65 - 120
2,4-Dichlorophenol	0.14	U	3.46	2.90		mg/Kg	☼	84	66 - 120
2,4-Dimethylphenol	0.34	U	3.46	2.82		mg/Kg	☼	81	75 - 136
2,4-Dinitrophenol	0.28	U	6.92	5.40		mg/Kg	☼	78	41 - 120
2,4-Dinitrotoluene	0.070	U	3.46	2.87		mg/Kg	☼	83	65 - 124
2,6-Dinitrotoluene	0.070	U	3.46	2.85		mg/Kg	☼	82	67 - 121
2-Chloronaphthalene	0.34	U	3.46	2.65		mg/Kg	☼	76	64 - 120
2-Chlorophenol	0.34	U	3.46	2.87		mg/Kg	☼	83	63 - 120
2-Methylnaphthalene	0.34	U	3.46	2.87		mg/Kg	☼	83	56 - 102
2-Methylphenol	0.34	U	3.46	2.82		mg/Kg	☼	82	63 - 120
2-Nitroaniline	0.34	U	3.46	2.57		mg/Kg	☼	74	52 - 120
2-Nitrophenol	0.34	U	3.46	2.95		mg/Kg	☼	85	64 - 120
3 & 4 Methylphenol	0.34	U	3.46	2.87		mg/Kg	☼	83	61 - 120
3,3'-Dichlorobenzidine	0.14	U	3.46	2.42		mg/Kg	☼	70	10 - 106
3-Nitroaniline	0.34	U	3.46	2.29		mg/Kg	☼	66	18 - 105
4,6-Dinitro-2-methylphenol	0.28	U	6.92	6.32		mg/Kg	☼	91	61 - 127
4-Bromophenyl phenyl ether	0.34	U	3.46	2.80		mg/Kg	☼	81	64 - 120
4-Chloro-3-methylphenol	0.34	U	3.46	2.85		mg/Kg	☼	82	68 - 120
4-Chloroaniline	0.34	U	3.46	1.83		mg/Kg	☼	53	10 - 107
4-Chlorophenyl phenyl ether	0.34	U	3.46	2.66		mg/Kg	☼	77	62 - 120
4-Methylphenol	0.34	U	3.46	2.87		mg/Kg	☼	83	61 - 120

Method: 8270E - Semivolatile Organic Compounds (GC/MS) (Continued)

Lab Sample ID: 460-336648-1 MS
Matrix: Solid
Analysis Batch: 1066950

Client Sample ID: 44A_0-4
Prep Type: Total/NA
Prep Batch: 1066911

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec Limits
4-Nitroaniline	0.34	U	3.46	2.42		mg/Kg	☼	70	51 - 112
4-Nitrophenol	0.70	U	6.92	4.66		mg/Kg	☼	67	52 - 122
Acenaphthene	0.34	U	3.46	2.67		mg/Kg	☼	77	65 - 120
Acenaphthylene	0.34	U	3.46	2.76		mg/Kg	☼	80	68 - 120
Acetophenone	0.34	U	3.46	2.83		mg/Kg	☼	82	61 - 111
Anthracene	0.34	U	3.46	2.81		mg/Kg	☼	81	67 - 120
Atrazine	0.14	U	1.38	1.45		mg/Kg	☼	105	52 - 150
Benzaldehyde	0.34	U	1.38	1.45	E	mg/Kg	☼	105	45 - 150
Benzo[a]anthracene	0.034	U	3.46	2.82		mg/Kg	☼	82	66 - 120
Benzo[a]pyrene	0.034	U	3.46	2.93		mg/Kg	☼	85	69 - 123
Benzo[b]fluoranthene	0.034	U	3.46	2.97		mg/Kg	☼	86	66 - 125
Benzo[g,h,i]perylene	0.34	U	3.46	2.74		mg/Kg	☼	79	66 - 138
Benzo[k]fluoranthene	0.034	U	3.46	2.68		mg/Kg	☼	78	67 - 122
Bis(2-chloroethoxy)methane	0.34	U	3.46	2.78		mg/Kg	☼	80	62 - 120
Bis(2-chloroethyl)ether	0.034	U	3.46	2.82		mg/Kg	☼	81	60 - 120
Bis(2-ethylhexyl) phthalate	0.34	U	3.46	2.96		mg/Kg	☼	85	64 - 125
Butyl benzyl phthalate	0.34	U	3.46	3.11		mg/Kg	☼	90	62 - 127
Caprolactam	0.34	U	1.38	1.39		mg/Kg	☼	101	46 - 150
Carbazole	0.34	U	3.46	2.78		mg/Kg	☼	80	64 - 120
Chrysene	0.34	U	3.46	2.75		mg/Kg	☼	80	67 - 120
Dibenz(a,h)anthracene	0.034	U	3.46	3.00		mg/Kg	☼	87	66 - 128
Dibenzofuran	0.34	U	3.46	2.64		mg/Kg	☼	76	61 - 120
Diethyl phthalate	0.34	U	3.46	2.72		mg/Kg	☼	79	63 - 120
Dimethyl phthalate	0.34	U	3.46	2.72		mg/Kg	☼	79	65 - 120
Di-n-butyl phthalate	0.34	U	3.46	3.16		mg/Kg	☼	91	61 - 120
Di-n-octyl phthalate	0.34	U	3.46	3.10		mg/Kg	☼	90	61 - 123
Fluoranthene	0.34	U	3.46	2.81		mg/Kg	☼	81	61 - 120
Fluorene	0.34	U	3.46	2.69		mg/Kg	☼	78	64 - 120
Hexachlorobenzene	0.034	U	3.46	2.77		mg/Kg	☼	80	66 - 120
Hexachlorobutadiene	0.070	U	3.46	2.85		mg/Kg	☼	82	62 - 120
Hexachlorocyclopentadiene	0.34	U	3.46	1.51		mg/Kg	☼	44	32 - 150
Hexachloroethane	0.034	U	3.46	2.82		mg/Kg	☼	82	61 - 112
Indeno[1,2,3-cd]pyrene	0.034	U	3.46	2.64		mg/Kg	☼	76	63 - 137
Isophorone	0.14	U	3.46	2.80		mg/Kg	☼	81	61 - 120
Naphthalene	0.34	U	3.46	2.77		mg/Kg	☼	80	63 - 113
Nitrobenzene	0.034	U	3.46	2.92		mg/Kg	☼	84	63 - 120
N-Nitrosodi-n-propylamine	0.034	U	3.46	2.83		mg/Kg	☼	82	60 - 120
N-Nitrosodiphenylamine	0.34	U	3.46	2.83		mg/Kg	☼	82	63 - 120
Pentachlorophenol	0.28	U	6.92	5.61		mg/Kg	☼	81	61 - 126
Phenanthrene	0.34	U	3.46	2.82		mg/Kg	☼	81	66 - 120
Phenol	0.34	U	3.46	2.76		mg/Kg	☼	80	63 - 120
Pyrene	0.34	U	3.46	2.82		mg/Kg	☼	81	61 - 121

Surrogate	*MS %Recovery*	*MS Qualifier*	*Limits*
2,4,6-Tribromophenol (Surr)	*70*		*18 - 137*
2-Fluorobiphenyl	*68*		*33 - 117*
2-Fluorophenol (Surr)	*75*		*24 - 120*
Nitrobenzene-d5 (Surr)	*70*		*27 - 120*

Method: 8270E - Semivolatile Organic Compounds (GC/MS) (Continued)

Lab Sample ID: 460-336648-1 MS
Matrix: Solid
Analysis Batch: 1066950

Client Sample ID: 44A_0-4
Prep Type: Total/NA
Prep Batch: 1066911

Surrogate	MS %Recovery	MS Qualifier	Limits
Phenol-d5 (Surr)	*72*		*28 - 118*
Terphenyl-d14 (Surr)	*69*		*33 - 124*

Lab Sample ID: 460-336648-1 MSD
Matrix: Solid
Analysis Batch: 1066950

Client Sample ID: 44A_0-4
Prep Type: Total/NA
Prep Batch: 1066911

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
1,1'-Biphenyl	0.34	U	3.46	1.88	*	mg/Kg	☼	54	64 - 120	34	30
1,2,4,5-Tetrachlorobenzene	0.34	U	3.46	1.89	*	mg/Kg	☼	55	60 - 120	33	30
1,4-Dioxane	0.034	U	3.46	1.65	*	mg/Kg	☼	48	31 - 105	36	30
2,2'-oxybis[1-chloropropane]	0.34	U	3.46	1.90	*	mg/Kg	☼	55	50 - 126	32	30
2,3,4,6-Tetrachlorophenol	0.34	U	3.46	1.97	*	mg/Kg	☼	57	62 - 120	33	30
2,4,5-Trichlorophenol	0.34	U	3.46	1.95	*	mg/Kg	☼	56	64 - 120	34	30
2,4,6-Trichlorophenol	0.14	U	3.46	1.93	*	mg/Kg	☼	56	65 - 120	33	30
2,4-Dichlorophenol	0.14	U	3.46	2.10	*	mg/Kg	☼	61	66 - 120	32	30
2,4-Dimethylphenol	0.34	U	3.46	2.00	*	mg/Kg	☼	58	75 - 136	34	30
2,4-Dinitrophenol	0.28	U	6.93	3.93	*	mg/Kg	☼	57	41 - 120	31	30
2,4-Dinitrotoluene	0.070	U	3.46	2.09	*	mg/Kg	☼	60	65 - 124	32	30
2,6-Dinitrotoluene	0.070	U	3.46	2.04	*	mg/Kg	☼	59	67 - 121	33	30
2-Chloronaphthalene	0.34	U	3.46	1.89	*	mg/Kg	☼	55	64 - 120	33	30
2-Chlorophenol	0.34	U	3.46	2.05	*	mg/Kg	☼	59	63 - 120	33	30
2-Methylnaphthalene	0.34	U	3.46	2.08	*	mg/Kg	☼	60	56 - 102	32	30
2-Methylphenol	0.34	U	3.46	2.02	*	mg/Kg	☼	58	63 - 120	33	30
2-Nitroaniline	0.34	U	3.46	1.81	*	mg/Kg	☼	52	52 - 120	34	30
2-Nitrophenol	0.34	U	3.46	2.12	*	mg/Kg	☼	61	64 - 120	33	30
3 & 4 Methylphenol	0.34	U	3.46	2.07	*	mg/Kg	☼	60	61 - 120	32	30
3,3'-Dichlorobenzidine	0.14	U	3.46	1.70	*	mg/Kg	☼	49	10 - 106	35	30
3-Nitroaniline	0.34	U	3.46	1.63	*	mg/Kg	☼	47	18 - 105	34	30
4,6-Dinitro-2-methylphenol	0.28	U	6.93	4.50	*	mg/Kg	☼	65	61 - 127	34	30
4-Bromophenyl phenyl ether	0.34	U	3.46	2.00	*	mg/Kg	☼	58	64 - 120	34	30
4-Chloro-3-methylphenol	0.34	U	3.46	2.01	*	mg/Kg	☼	58	68 - 120	34	30
4-Chloroaniline	0.34	U	3.46	1.32	*	mg/Kg	☼	38	10 - 107	33	30
4-Chlorophenyl phenyl ether	0.34	U	3.46	1.94	*	mg/Kg	☼	56	62 - 120	31	30
4-Methylphenol	0.34	U	3.46	2.07	*	mg/Kg	☼	60	61 - 120	32	30
4-Nitroaniline	0.34	U	3.46	1.78		mg/Kg	☼	51	51 - 112	30	30
4-Nitrophenol	0.70	U	6.93	3.28	*	mg/Kg	☼	47	52 - 122	35	30
Acenaphthene	0.34	U	3.46	1.91	*	mg/Kg	☼	55	65 - 120	33	30
Acenaphthylene	0.34	U	3.46	1.99	*	mg/Kg	☼	57	68 - 120	33	30
Acetophenone	0.34	U	3.46	2.04	*	mg/Kg	☼	59	61 - 111	32	30
Anthracene	0.34	U	3.46	2.01	*	mg/Kg	☼	58	67 - 120	33	30
Atrazine	0.14	U	1.39	1.05	*	mg/Kg	☼	76	52 - 150	32	30
Benzaldehyde	0.34	U	1.39	1.03	*	mg/Kg	☼	74	45 - 150	34	30
Benzo[a]anthracene	0.034	U	3.46	2.01	*	mg/Kg	☼	58	66 - 120	33	30
Benzo[a]pyrene	0.034	U	3.46	2.09	*	mg/Kg	☼	60	69 - 123	34	30
Benzo[b]fluoranthene	0.034	U	3.46	1.93	*	mg/Kg	☼	56	66 - 125	42	30
Benzo[g,h,i]perylene	0.34	U	3.46	1.95	*	mg/Kg	☼	56	66 - 138	33	30
Benzo[k]fluoranthene	0.034	U	3.46	2.11	*	mg/Kg	☼	61	67 - 122	24	30

Method: 8270E - Semivolatile Organic Compounds (GC/MS) (Continued)

Lab Sample ID: 460-336648-1 MSD
Matrix: Solid
Analysis Batch: 1066950

Client Sample ID: 44A_0-4
Prep Type: Total/NA
Prep Batch: 1066911

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Bis(2-chloroethoxy)methane	0.34	U	3.46	1.98	*	mg/Kg	☼	57	62 - 120	34	30
Bis(2-chloroethyl)ether	0.034	U	3.46	2.02	*	mg/Kg	☼	58	60 - 120	33	30
Bis(2-ethylhexyl) phthalate	0.34	U	3.46	2.13	*	mg/Kg	☼	62	64 - 125	32	30
Butyl benzyl phthalate	0.34	U	3.46	2.23	*	mg/Kg	☼	64	62 - 127	33	30
Caprolactam	0.34	U	1.39	0.982	*	mg/Kg	☼	71	46 - 150	35	30
Carbazole	0.34	U	3.46	2.00	*	mg/Kg	☼	58	64 - 120	33	30
Chrysene	0.34	U	3.46	1.98	*	mg/Kg	☼	57	67 - 120	33	30
Dibenz(a,h)anthracene	0.034	U	3.46	2.14	*	mg/Kg	☼	62	66 - 128	34	30
Dibenzofuran	0.34	U	3.46	1.91	*	mg/Kg	☼	55	61 - 120	32	30
Diethyl phthalate	0.34	U	3.46	1.96	*	mg/Kg	☼	56	63 - 120	33	30
Dimethyl phthalate	0.34	U	3.46	1.97	*	mg/Kg	☼	57	65 - 120	32	30
Di-n-butyl phthalate	0.34	U	3.46	2.27	*	mg/Kg	☼	66	61 - 120	33	30
Di-n-octyl phthalate	0.34	U	3.46	2.21	*	mg/Kg	☼	64	61 - 123	34	30
Fluoranthene	0.34	U	3.46	2.01	*	mg/Kg	☼	58	61 - 120	33	30
Fluorene	0.34	U	3.46	1.93	*	mg/Kg	☼	56	64 - 120	33	30
Hexachlorobenzene	0.034	U	3.46	1.99	*	mg/Kg	☼	57	66 - 120	33	30
Hexachlorobutadiene	0.070	U	3.46	2.02	*	mg/Kg	☼	58	62 - 120	34	30
Hexachlorocyclopentadiene	0.34	U	3.46	1.05	*	mg/Kg	☼	30	32 - 150	35	30
Hexachloroethane	0.034	U	3.46	2.01	*	mg/Kg	☼	58	61 - 112	33	30
Indeno[1,2,3-cd]pyrene	0.034	U	3.46	1.90	*	mg/Kg	☼	55	63 - 137	33	30
Isophorone	0.14	U	3.46	1.99	*	mg/Kg	☼	58	61 - 120	33	30
Naphthalene	0.34	U	3.46	1.99	*	mg/Kg	☼	57	63 - 113	33	30
Nitrobenzene	0.034	U	3.46	2.07	*	mg/Kg	☼	60	63 - 120	34	30
N-Nitrosodi-n-propylamine	0.034	U	3.46	2.02	*	mg/Kg	☼	58	60 - 120	33	30
N-Nitrosodiphenylamine	0.34	U	3.46	2.03	*	mg/Kg	☼	59	63 - 120	33	30
Pentachlorophenol	0.28	U	6.93	3.99	*	mg/Kg	☼	58	61 - 126	34	30
Phenanthrene	0.34	U	3.46	2.01	*	mg/Kg	☼	58	66 - 120	34	30
Phenol	0.34	U	3.46	1.97	*	mg/Kg	☼	57	63 - 120	33	30
Pyrene	0.34	U	3.46	2.01	*	mg/Kg	☼	58	61 - 121	33	30

Surrogate	*MSD %Recovery*	*MSD Qualifier*	*Limits*
2,4,6-Tribromophenol (Surr)	*51*		*18 - 137*
2-Fluorobiphenyl	*49*		*33 - 117*
2-Fluorophenol (Surr)	*55*		*24 - 120*
Nitrobenzene-d5 (Surr)	*51*		*27 - 120*
Phenol-d5 (Surr)	*52*		*28 - 118*
Terphenyl-d14 (Surr)	*50*		*33 - 124*

Method: 8081B - Organochlorine Pesticides (GC)

Lab Sample ID: MB 460-1066852/1-A
Matrix: Solid
Analysis Batch: 1066994

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 1066852

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
4,4'-DDD	0.0067	U	0.0067	0.0011	mg/Kg		10/08/25 16:51	10/09/25 15:02	1
4,4'-DDD	0.0067	U	0.0067	0.0011	mg/Kg		10/08/25 16:51	10/09/25 15:02	1
4,4'-DDE	0.0067	U	0.0067	0.00079	mg/Kg		10/08/25 16:51	10/09/25 15:02	1
4,4'-DDE	0.0067	U	0.0067	0.00079	mg/Kg		10/08/25 16:51	10/09/25 15:02	1

Method: 8081B - Organochlorine Pesticides (GC) (Continued)

Lab Sample ID: MB 460-1066852/1-A
Matrix: Solid
Analysis Batch: 1066994

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 1066852

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
4,4'-DDT	0.0067	U	0.0067	0.0012	mg/Kg		10/08/25 16:51	10/09/25 15:02	1
4,4'-DDT	0.0067	U	0.0067	0.0012	mg/Kg		10/08/25 16:51	10/09/25 15:02	1
Aldrin	0.0067	U	0.0067	0.0010	mg/Kg		10/08/25 16:51	10/09/25 15:02	1
Aldrin	0.0067	U	0.0067	0.0010	mg/Kg		10/08/25 16:51	10/09/25 15:02	1
alpha-BHC	0.0020	U	0.0020	0.00068	mg/Kg		10/08/25 16:51	10/09/25 15:02	1
alpha-BHC	0.0020	U	0.0020	0.00068	mg/Kg		10/08/25 16:51	10/09/25 15:02	1
beta-BHC	0.0020	U	0.0020	0.00075	mg/Kg		10/08/25 16:51	10/09/25 15:02	1
beta-BHC	0.0020	U	0.0020	0.00075	mg/Kg		10/08/25 16:51	10/09/25 15:02	1
Chlordane (technical)	0.067	U	0.067	0.016	mg/Kg		10/08/25 16:51	10/09/25 15:02	1
Chlordane (technical)	0.067	U	0.067	0.016	mg/Kg		10/08/25 16:51	10/09/25 15:02	1
cis-Chlordane	0.0067	U	0.0067	0.0011	mg/Kg		10/08/25 16:51	10/09/25 15:02	1
cis-Chlordane	0.0067	U	0.0067	0.0011	mg/Kg		10/08/25 16:51	10/09/25 15:02	1
delta-BHC	0.0020	U	0.0020	0.00041	mg/Kg		10/08/25 16:51	10/09/25 15:02	1
delta-BHC	0.0020	U	0.0020	0.00041	mg/Kg		10/08/25 16:51	10/09/25 15:02	1
Dieldrin	0.0020	U	0.0020	0.00087	mg/Kg		10/08/25 16:51	10/09/25 15:02	1
Dieldrin	0.0020	U	0.0020	0.00087	mg/Kg		10/08/25 16:51	10/09/25 15:02	1
Endosulfan I	0.0067	U	0.0067	0.0010	mg/Kg		10/08/25 16:51	10/09/25 15:02	1
Endosulfan I	0.0067	U	0.0067	0.0010	mg/Kg		10/08/25 16:51	10/09/25 15:02	1
Endosulfan II	0.0067	U	0.0067	0.0017	mg/Kg		10/08/25 16:51	10/09/25 15:02	1
Endosulfan II	0.0067	U	0.0067	0.0017	mg/Kg		10/08/25 16:51	10/09/25 15:02	1
Endosulfan sulfate	0.0067	U	0.0067	0.00084	mg/Kg		10/08/25 16:51	10/09/25 15:02	1
Endosulfan sulfate	0.0067	U	0.0067	0.00084	mg/Kg		10/08/25 16:51	10/09/25 15:02	1
Endrin	0.0067	U	0.0067	0.00096	mg/Kg		10/08/25 16:51	10/09/25 15:02	1
Endrin	0.0067	U	0.0067	0.00096	mg/Kg		10/08/25 16:51	10/09/25 15:02	1
Endrin aldehyde	0.0067	U	0.0067	0.0016	mg/Kg		10/08/25 16:51	10/09/25 15:02	1
Endrin aldehyde	0.0067	U	0.0067	0.0016	mg/Kg		10/08/25 16:51	10/09/25 15:02	1
Endrin ketone	0.0067	U	0.0067	0.0013	mg/Kg		10/08/25 16:51	10/09/25 15:02	1
Endrin ketone	0.0067	U	0.0067	0.0013	mg/Kg		10/08/25 16:51	10/09/25 15:02	1
gamma-BHC (Lindane)	0.0020	U	0.0020	0.00062	mg/Kg		10/08/25 16:51	10/09/25 15:02	1
gamma-BHC (Lindane)	0.0020	U	0.0020	0.00062	mg/Kg		10/08/25 16:51	10/09/25 15:02	1
Heptachlor	0.0067	U	0.0067	0.00079	mg/Kg		10/08/25 16:51	10/09/25 15:02	1
Heptachlor	0.0067	U	0.0067	0.00079	mg/Kg		10/08/25 16:51	10/09/25 15:02	1
Heptachlor epoxide	0.0067	U	0.0067	0.0010	mg/Kg		10/08/25 16:51	10/09/25 15:02	1
Heptachlor epoxide	0.0067	U	0.0067	0.0010	mg/Kg		10/08/25 16:51	10/09/25 15:02	1
Methoxychlor	0.0067	U	0.0067	0.0015	mg/Kg		10/08/25 16:51	10/09/25 15:02	1
Methoxychlor	0.0067	U	0.0067	0.0015	mg/Kg		10/08/25 16:51	10/09/25 15:02	1
Toxaphene	0.067	U	0.067	0.024	mg/Kg		10/08/25 16:51	10/09/25 15:02	1
Toxaphene	0.067	U	0.067	0.024	mg/Kg		10/08/25 16:51	10/09/25 15:02	1

Surrogate	*MB %Recovery*	*MB Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
DCB Decachlorobiphenyl	*70*		*10 - 150*	*10/08/25 16:51*	*10/09/25 15:02*	*1*
DCB Decachlorobiphenyl	*91*		*10 - 150*	*10/08/25 16:51*	*10/09/25 15:02*	*1*
Tetrachloro-m-xylene	*76*		*14 - 150*	*10/08/25 16:51*	*10/09/25 15:02*	*1*
Tetrachloro-m-xylene	*76*		*14 - 150*	*10/08/25 16:51*	*10/09/25 15:02*	*1*

Method: 8081B - Organochlorine Pesticides (GC) (Continued)

Lab Sample ID: LCS 460-1066852/2-A
Matrix: Solid
Analysis Batch: 1066994

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 1066852

Analyte			Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits		
4,4'-DDD			0.133	0.122		mg/Kg		91	71 - 134		
4,4'-DDD			0.133	0.151		mg/Kg		113	71 - 134		
4,4'-DDE			0.133	0.117		mg/Kg		88	71 - 137		
4,4'-DDE			0.133	0.137		mg/Kg		103	71 - 137		
4,4'-DDT			0.133	0.103		mg/Kg		77	69 - 140		
4,4'-DDT			0.133	0.112		mg/Kg		84	69 - 140		
Aldrin			0.133	0.120		mg/Kg		90	68 - 136		
Aldrin			0.133	0.139		mg/Kg		104	68 - 136		
alpha-BHC			0.133	0.134		mg/Kg		101	71 - 136		
alpha-BHC			0.133	0.159		mg/Kg		119	71 - 136		
beta-BHC			0.133	0.121		mg/Kg		91	67 - 133		
beta-BHC			0.133	0.145		mg/Kg		109	67 - 133		
cis-Chlordane			0.133	0.121		mg/Kg		90	70 - 140		
cis-Chlordane			0.133	0.143		mg/Kg		108	70 - 140		
delta-BHC			0.133	0.140		mg/Kg		105	70 - 135		
delta-BHC			0.133	0.161		mg/Kg		121	70 - 135		
Dieldrin			0.133	0.117		mg/Kg		87	71 - 135		
Dieldrin			0.133	0.143		mg/Kg		107	71 - 135		
Endosulfan I			0.133	0.119		mg/Kg		89	70 - 141		
Endosulfan I			0.133	0.143		mg/Kg		107	70 - 141		
Endosulfan II			0.133	0.123		mg/Kg		92	75 - 141		
Endosulfan II			0.133	0.145		mg/Kg		109	75 - 141		
Endosulfan sulfate			0.133	0.118		mg/Kg		89	67 - 130		
Endosulfan sulfate			0.133	0.142		mg/Kg		106	67 - 130		
Endrin			0.133	0.106		mg/Kg		79	66 - 143		
Endrin			0.133	0.128		mg/Kg		96	66 - 143		
Endrin aldehyde			0.133	0.125		mg/Kg		94	70 - 132		
Endrin aldehyde			0.133	0.143		mg/Kg		107	70 - 132		
Endrin ketone			0.133	0.123		mg/Kg		92	66 - 137		
Endrin ketone			0.133	0.149		mg/Kg		112	66 - 137		
gamma-BHC (Lindane)			0.133	0.129		mg/Kg		97	71 - 137		
gamma-BHC (Lindane)			0.133	0.150		mg/Kg		113	71 - 137		
Heptachlor			0.133	0.125		mg/Kg		94	70 - 140		
Heptachlor			0.133	0.143		mg/Kg		107	70 - 140		
Heptachlor epoxide			0.133	0.123		mg/Kg		92	70 - 135		
Heptachlor epoxide			0.133	0.141		mg/Kg		106	70 - 135		
Methoxychlor			0.133	0.0983		mg/Kg		74	63 - 138		
Methoxychlor			0.133	0.110		mg/Kg		82	63 - 138		

Surrogate	*LCS %Recovery*	*LCS Qualifier*	*Limits*
DCB Decachlorobiphenyl	*70*		*10 - 150*
DCB Decachlorobiphenyl	*87*		*10 - 150*
Tetrachloro-m-xylene	*73*		*14 - 150*
Tetrachloro-m-xylene	*75*		*14 - 150*

Method: 8081B - Organochlorine Pesticides (GC) (Continued)

Lab Sample ID: LCSD 460-1066852/3-A
Matrix: Solid
Analysis Batch: 1066994

Client Sample ID: Lab Control Sample Dup
Prep Type: Total/NA
Prep Batch: 1066852

Analyte			Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
4,4'-DDD			0.133	0.115		mg/Kg		86	71 - 134	6	30
4,4'-DDD			0.133	0.155		mg/Kg		116	71 - 134	3	30
4,4'-DDE			0.133	0.112		mg/Kg		84	71 - 137	5	30
4,4'-DDE			0.133	0.140		mg/Kg		105	71 - 137	2	30
4,4'-DDT			0.133	0.0976		mg/Kg		73	69 - 140	6	30
4,4'-DDT			0.133	0.115		mg/Kg		86	69 - 140	2	30
Aldrin			0.133	0.113		mg/Kg		84	68 - 136	6	30
Aldrin			0.133	0.145		mg/Kg		109	68 - 136	4	30
alpha-BHC			0.133	0.129		mg/Kg		97	71 - 136	4	30
alpha-BHC			0.133	0.161		mg/Kg		121	71 - 136	1	30
beta-BHC			0.133	0.116		mg/Kg		87	67 - 133	4	30
beta-BHC			0.133	0.149		mg/Kg		112	67 - 133	2	30
cis-Chlordane			0.133	0.115		mg/Kg		86	70 - 140	5	30
cis-Chlordane			0.133	0.148		mg/Kg		111	70 - 140	3	30
delta-BHC			0.133	0.132		mg/Kg		99	70 - 135	5	30
delta-BHC			0.133	0.167		mg/Kg		126	70 - 135	4	30
Dieldrin			0.133	0.111		mg/Kg		83	71 - 135	5	30
Dieldrin			0.133	0.147		mg/Kg		111	71 - 135	3	30
Endosulfan I			0.133	0.113		mg/Kg		85	70 - 141	5	30
Endosulfan I			0.133	0.148		mg/Kg		111	70 - 141	3	30
Endosulfan II			0.133	0.117		mg/Kg		87	75 - 141	5	30
Endosulfan II			0.133	0.149		mg/Kg		112	75 - 141	3	30
Endosulfan sulfate			0.133	0.111		mg/Kg		84	67 - 130	6	30
Endosulfan sulfate			0.133	0.144		mg/Kg		108	67 - 130	2	30
Endrin			0.133	0.0997		mg/Kg		75	66 - 143	6	30
Endrin			0.133	0.131		mg/Kg		98	66 - 143	3	30
Endrin aldehyde			0.133	0.119		mg/Kg		89	70 - 132	5	30
Endrin aldehyde			0.133	0.146		mg/Kg		109	70 - 132	2	30
Endrin ketone			0.133	0.116		mg/Kg		87	66 - 137	6	30
Endrin ketone			0.133	0.153		mg/Kg		115	66 - 137	2	30
gamma-BHC (Lindane)			0.133	0.124		mg/Kg		93	71 - 137	4	30
gamma-BHC (Lindane)			0.133	0.154		mg/Kg		116	71 - 137	3	30
Heptachlor			0.133	0.119		mg/Kg		89	70 - 140	5	30
Heptachlor			0.133	0.148		mg/Kg		111	70 - 140	4	30
Heptachlor epoxide			0.133	0.117		mg/Kg		88	70 - 135	5	30
Heptachlor epoxide			0.133	0.145		mg/Kg		109	70 - 135	3	30
Methoxychlor			0.133	0.0915		mg/Kg		69	63 - 138	7	30
Methoxychlor			0.133	0.110		mg/Kg		83	63 - 138	1	30

Surrogate	*LCSD %Recovery*	*LCSD Qualifier*	*Limits*
DCB Decachlorobiphenyl	*67*		*10 - 150*
DCB Decachlorobiphenyl	*88*		*10 - 150*
Tetrachloro-m-xylene	*71*		*14 - 150*
Tetrachloro-m-xylene	*76*		*14 - 150*

Method: 8081B - Organochlorine Pesticides (GC) (Continued)

Lab Sample ID: 460-336648-1 MS
Matrix: Solid
Analysis Batch: 1066994

Client Sample ID: 44A_0-4
Prep Type: Total/NA
Prep Batch: 1066852

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec Limits
4,4'-DDD	0.0070	U	0.139	0.124		mg/Kg	☼	89	71 - 134
4,4'-DDD	0.0070	U	0.139	0.156		mg/Kg	☼	112	71 - 134
4,4'-DDE	0.0070	U	0.139	0.120		mg/Kg	☼	86	71 - 137
4,4'-DDE	0.0070	U	0.139	0.142		mg/Kg	☼	102	71 - 137
4,4'-DDT	0.0070	U	0.139	0.105		mg/Kg	☼	76	69 - 140
4,4'-DDT	0.0070	U	0.139	0.113		mg/Kg	☼	81	69 - 140
Aldrin	0.0070	U	0.139	0.124		mg/Kg	☼	89	68 - 136
Aldrin	0.0070	U	0.139	0.145		mg/Kg	☼	104	68 - 136
alpha-BHC	0.0021	U	0.139	0.137		mg/Kg	☼	99	71 - 136
alpha-BHC	0.0021	U	0.139	0.159		mg/Kg	☼	114	71 - 136
beta-BHC	0.0021	U	0.139	0.124		mg/Kg	☼	89	67 - 133
beta-BHC	0.0021	U	0.139	0.147		mg/Kg	☼	106	67 - 133
cis-Chlordane	0.0070	U	0.139	0.124		mg/Kg	☼	89	70 - 140
cis-Chlordane	0.0070	U	0.139	0.150		mg/Kg	☼	108	70 - 140
delta-BHC	0.0021	U	0.139	0.145		mg/Kg	☼	104	70 - 135
delta-BHC	0.0021	U	0.139	0.165		mg/Kg	☼	119	70 - 135
Dieldrin	0.0021	U	0.139	0.118		mg/Kg	☼	85	71 - 135
Dieldrin	0.0021	U	0.139	0.147		mg/Kg	☼	106	71 - 135
Endosulfan I	0.0070	U	0.139	0.122		mg/Kg	☼	87	70 - 141
Endosulfan I	0.0070	U	0.139	0.148		mg/Kg	☼	106	70 - 141
Endosulfan II	0.0070	U	0.139	0.124		mg/Kg	☼	89	75 - 141
Endosulfan II	0.0070	U	0.139	0.147		mg/Kg	☼	106	75 - 141
Endosulfan sulfate	0.0070	U	0.139	0.120		mg/Kg	☼	86	67 - 130
Endosulfan sulfate	0.0070	U	0.139	0.142		mg/Kg	☼	102	67 - 130
Endrin	0.0070	U	0.139	0.111		mg/Kg	☼	80	66 - 143
Endrin	0.0070	U	0.139	0.137		mg/Kg	☼	99	66 - 143
Endrin aldehyde	0.0070	U	0.139	0.125		mg/Kg	☼	90	70 - 132
Endrin aldehyde	0.0070	U	0.139	0.138		mg/Kg	☼	100	70 - 132
Endrin ketone	0.0070	U	0.139	0.123		mg/Kg	☼	88	66 - 137
Endrin ketone	0.0070	U	0.139	0.150		mg/Kg	☼	108	66 - 137
gamma-BHC (Lindane)	0.0021	U	0.139	0.133		mg/Kg	☼	96	71 - 137
gamma-BHC (Lindane)	0.0021	U	0.139	0.151		mg/Kg	☼	109	71 - 137
Heptachlor	0.0070	U	0.139	0.129		mg/Kg	☼	93	70 - 140
Heptachlor	0.0070	U	0.139	0.146		mg/Kg	☼	105	70 - 140
Heptachlor epoxide	0.0070	U	0.139	0.127		mg/Kg	☼	91	70 - 135
Heptachlor epoxide	0.0070	U	0.139	0.146		mg/Kg	☼	105	70 - 135
Methoxychlor	0.0070	U	0.139	0.100		mg/Kg	☼	72	63 - 138
Methoxychlor	0.0070	U	0.139	0.111		mg/Kg	☼	80	63 - 138

Surrogate	*MS %Recovery*	*MS Qualifier*	*Limits*
DCB Decachlorobiphenyl	*67*		*10 - 150*
DCB Decachlorobiphenyl	*84*		*10 - 150*
Tetrachloro-m-xylene	*69*		*14 - 150*
Tetrachloro-m-xylene	*71*		*14 - 150*

Method: 8081B - Organochlorine Pesticides (GC) (Continued)

Lab Sample ID: 460-336648-1 MSD
Matrix: Solid
Analysis Batch: 1066994

Client Sample ID: 44A_0-4
Prep Type: Total/NA
Prep Batch: 1066852

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
4,4'-DDD	0.0070	U	0.139	0.111		mg/Kg	☼	80	71 - 134	11	30
4,4'-DDD	0.0070	U	0.139	0.134		mg/Kg	☼	96	71 - 134	15	30
4,4'-DDE	0.0070	U	0.139	0.107		mg/Kg	☼	77	71 - 137	11	30
4,4'-DDE	0.0070	U	0.139	0.121		mg/Kg	☼	87	71 - 137	16	30
4,4'-DDT	0.0070	U	0.139	0.0935	*	mg/Kg	☼	67	69 - 140	12	30
4,4'-DDT	0.0070	U	0.139	0.0969		mg/Kg	☼	70	69 - 140	16	30
Aldrin	0.0070	U	0.139	0.111		mg/Kg	☼	80	68 - 136	11	30
Aldrin	0.0070	U	0.139	0.124		mg/Kg	☼	89	68 - 136	15	30
alpha-BHC	0.0021	U	0.139	0.121		mg/Kg	☼	87	71 - 136	12	30
alpha-BHC	0.0021	U	0.139	0.134		mg/Kg	☼	96	71 - 136	17	30
beta-BHC	0.0021	U	0.139	0.113		mg/Kg	☼	81	67 - 133	10	30
beta-BHC	0.0021	U	0.139	0.126		mg/Kg	☼	91	67 - 133	15	30
cis-Chlordane	0.0070	U	0.139	0.111		mg/Kg	☼	80	70 - 140	11	30
cis-Chlordane	0.0070	U	0.139	0.129		mg/Kg	☼	93	70 - 140	15	30
delta-BHC	0.0021	U	0.139	0.129		mg/Kg	☼	93	70 - 135	12	30
delta-BHC	0.0021	U	0.139	0.141		mg/Kg	☼	101	70 - 135	16	30
Dieldrin	0.0021	U	0.139	0.107		mg/Kg	☼	77	71 - 135	11	30
Dieldrin	0.0021	U	0.139	0.127		mg/Kg	☼	92	71 - 135	15	30
Endosulfan I	0.0070	U	0.139	0.109		mg/Kg	☼	78	70 - 141	11	30
Endosulfan I	0.0070	U	0.139	0.128		mg/Kg	☼	92	70 - 141	14	30
Endosulfan II	0.0070	U	0.139	0.112		mg/Kg	☼	80	75 - 141	11	30
Endosulfan II	0.0070	U	0.139	0.127		mg/Kg	☼	91	75 - 141	15	30
Endosulfan sulfate	0.0070	U	0.139	0.108		mg/Kg	☼	77	67 - 130	11	30
Endosulfan sulfate	0.0070	U	0.139	0.122		mg/Kg	☼	87	67 - 130	16	30
Endrin	0.0070	U	0.139	0.0998		mg/Kg	☼	72	66 - 143	11	30
Endrin	0.0070	U	0.139	0.118		mg/Kg	☼	85	66 - 143	15	30
Endrin aldehyde	0.0070	U	0.139	0.112		mg/Kg	☼	80	70 - 132	11	30
Endrin aldehyde	0.0070	U	0.139	0.119		mg/Kg	☼	86	70 - 132	15	30
Endrin ketone	0.0070	U	0.139	0.111		mg/Kg	☼	80	66 - 137	10	30
Endrin ketone	0.0070	U	0.139	0.128		mg/Kg	☼	92	66 - 137	16	30
gamma-BHC (Lindane)	0.0021	U	0.139	0.119		mg/Kg	☼	86	71 - 137	11	30
gamma-BHC (Lindane)	0.0021	U	0.139	0.129		mg/Kg	☼	93	71 - 137	16	30
Heptachlor	0.0070	U	0.139	0.115		mg/Kg	☼	83	70 - 140	11	30
Heptachlor	0.0070	U	0.139	0.125		mg/Kg	☼	90	70 - 140	15	30
Heptachlor epoxide	0.0070	U	0.139	0.113		mg/Kg	☼	81	70 - 135	11	30
Heptachlor epoxide	0.0070	U	0.139	0.125		mg/Kg	☼	90	70 - 135	15	30
Methoxychlor	0.0070	U	0.139	0.0897		mg/Kg	☼	64	63 - 138	11	30
Methoxychlor	0.0070	U	0.139	0.0941		mg/Kg	☼	68	63 - 138	16	30

Surrogate	*MSD %Recovery*	*MSD Qualifier*	*Limits*
DCB Decachlorobiphenyl	*63*		*10 - 150*
DCB Decachlorobiphenyl	*76*		*10 - 150*
Tetrachloro-m-xylene	*63*		*14 - 150*
Tetrachloro-m-xylene	*64*		*14 - 150*

Method: 8081B - Organochlorine Pesticides (GC) (Continued)

Lab Sample ID: MB 460-1066853/1-A
Matrix: Solid
Analysis Batch: 1066994

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 1066853

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
4,4'-DDD	0.0067	U	0.0067	0.0011	mg/Kg		10/08/25 16:54	10/09/25 20:11	1
4,4'-DDD	0.0067	U	0.0067	0.0011	mg/Kg		10/08/25 16:54	10/09/25 20:11	1
4,4'-DDE	0.0067	U	0.0067	0.00079	mg/Kg		10/08/25 16:54	10/09/25 20:11	1
4,4'-DDE	0.0067	U	0.0067	0.00079	mg/Kg		10/08/25 16:54	10/09/25 20:11	1
4,4'-DDT	0.0067	U	0.0067	0.0012	mg/Kg		10/08/25 16:54	10/09/25 20:11	1
4,4'-DDT	0.0067	U	0.0067	0.0012	mg/Kg		10/08/25 16:54	10/09/25 20:11	1
Aldrin	0.0067	U	0.0067	0.0010	mg/Kg		10/08/25 16:54	10/09/25 20:11	1
Aldrin	0.0067	U	0.0067	0.0010	mg/Kg		10/08/25 16:54	10/09/25 20:11	1
alpha-BHC	0.0020	U	0.0020	0.00068	mg/Kg		10/08/25 16:54	10/09/25 20:11	1
alpha-BHC	0.0020	U	0.0020	0.00068	mg/Kg		10/08/25 16:54	10/09/25 20:11	1
beta-BHC	0.0020	U	0.0020	0.00075	mg/Kg		10/08/25 16:54	10/09/25 20:11	1
beta-BHC	0.0020	U	0.0020	0.00075	mg/Kg		10/08/25 16:54	10/09/25 20:11	1
Chlordane (technical)	0.067	U	0.067	0.016	mg/Kg		10/08/25 16:54	10/09/25 20:11	1
Chlordane (technical)	0.067	U	0.067	0.016	mg/Kg		10/08/25 16:54	10/09/25 20:11	1
cis-Chlordane	0.0067	U	0.0067	0.0011	mg/Kg		10/08/25 16:54	10/09/25 20:11	1
cis-Chlordane	0.0067	U	0.0067	0.0011	mg/Kg		10/08/25 16:54	10/09/25 20:11	1
delta-BHC	0.0020	U	0.0020	0.00041	mg/Kg		10/08/25 16:54	10/09/25 20:11	1
delta-BHC	0.0020	U	0.0020	0.00041	mg/Kg		10/08/25 16:54	10/09/25 20:11	1
Dieldrin	0.0020	U	0.0020	0.00087	mg/Kg		10/08/25 16:54	10/09/25 20:11	1
Dieldrin	0.0020	U	0.0020	0.00087	mg/Kg		10/08/25 16:54	10/09/25 20:11	1
Endosulfan I	0.0067	U	0.0067	0.0010	mg/Kg		10/08/25 16:54	10/09/25 20:11	1
Endosulfan I	0.0067	U	0.0067	0.0010	mg/Kg		10/08/25 16:54	10/09/25 20:11	1
Endosulfan II	0.0067	U	0.0067	0.0017	mg/Kg		10/08/25 16:54	10/09/25 20:11	1
Endosulfan II	0.0067	U	0.0067	0.0017	mg/Kg		10/08/25 16:54	10/09/25 20:11	1
Endosulfan sulfate	0.0067	U	0.0067	0.00084	mg/Kg		10/08/25 16:54	10/09/25 20:11	1
Endosulfan sulfate	0.0067	U	0.0067	0.00084	mg/Kg		10/08/25 16:54	10/09/25 20:11	1
Endrin	0.0067	U	0.0067	0.00096	mg/Kg		10/08/25 16:54	10/09/25 20:11	1
Endrin	0.0067	U	0.0067	0.00096	mg/Kg		10/08/25 16:54	10/09/25 20:11	1
Endrin aldehyde	0.0067	U	0.0067	0.0016	mg/Kg		10/08/25 16:54	10/09/25 20:11	1
Endrin aldehyde	0.0067	U	0.0067	0.0016	mg/Kg		10/08/25 16:54	10/09/25 20:11	1
Endrin ketone	0.0067	U	0.0067	0.0013	mg/Kg		10/08/25 16:54	10/09/25 20:11	1
Endrin ketone	0.0067	U	0.0067	0.0013	mg/Kg		10/08/25 16:54	10/09/25 20:11	1
gamma-BHC (Lindane)	0.0020	U	0.0020	0.00062	mg/Kg		10/08/25 16:54	10/09/25 20:11	1
gamma-BHC (Lindane)	0.0020	U	0.0020	0.00062	mg/Kg		10/08/25 16:54	10/09/25 20:11	1
Heptachlor	0.0067	U	0.0067	0.00079	mg/Kg		10/08/25 16:54	10/09/25 20:11	1
Heptachlor	0.0067	U	0.0067	0.00079	mg/Kg		10/08/25 16:54	10/09/25 20:11	1
Heptachlor epoxide	0.0067	U	0.0067	0.0010	mg/Kg		10/08/25 16:54	10/09/25 20:11	1
Heptachlor epoxide	0.0067	U	0.0067	0.0010	mg/Kg		10/08/25 16:54	10/09/25 20:11	1
Methoxychlor	0.0067	U	0.0067	0.0015	mg/Kg		10/08/25 16:54	10/09/25 20:11	1
Methoxychlor	0.0067	U	0.0067	0.0015	mg/Kg		10/08/25 16:54	10/09/25 20:11	1
Toxaphene	0.067	U	0.067	0.024	mg/Kg		10/08/25 16:54	10/09/25 20:11	1
Toxaphene	0.067	U	0.067	0.024	mg/Kg		10/08/25 16:54	10/09/25 20:11	1

Surrogate	*MB %Recovery*	*MB Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
DCB Decachlorobiphenyl	*99*		*10 - 150*	*10/08/25 16:54*	*10/09/25 20:11*	*1*
DCB Decachlorobiphenyl	*119*		*10 - 150*	*10/08/25 16:54*	*10/09/25 20:11*	*1*
Tetrachloro-m-xylene	*96*		*14 - 150*	*10/08/25 16:54*	*10/09/25 20:11*	*1*
Tetrachloro-m-xylene	*95*		*14 - 150*	*10/08/25 16:54*	*10/09/25 20:11*	*1*

Method: 8081B - Organochlorine Pesticides (GC)

Lab Sample ID: LCS 460-1066853/2-A
Matrix: Solid
Analysis Batch: 1066994

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 1066853

Analyte			Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits		
4,4'-DDD			0.133	0.132		mg/Kg		99	71 - 134		
4,4'-DDD			0.133	0.158		mg/Kg		118	71 - 134		
4,4'-DDE			0.133	0.128		mg/Kg		96	71 - 137		
4,4'-DDE			0.133	0.145		mg/Kg		109	71 - 137		
4,4'-DDT			0.133	0.110		mg/Kg		82	69 - 140		
4,4'-DDT			0.133	0.114		mg/Kg		85	69 - 140		
Aldrin			0.133	0.133		mg/Kg		100	68 - 136		
Aldrin			0.133	0.150		mg/Kg		113	68 - 136		
alpha-BHC			0.133	0.146		mg/Kg		109	71 - 136		
alpha-BHC			0.133	0.166		mg/Kg		124	71 - 136		
beta-BHC			0.133	0.133		mg/Kg		100	67 - 133		
beta-BHC			0.133	0.152		mg/Kg		114	67 - 133		
cis-Chlordane			0.133	0.133		mg/Kg		100	70 - 140		
cis-Chlordane			0.133	0.156		mg/Kg		117	70 - 140		
delta-BHC			0.133	0.154		mg/Kg		115	70 - 135		
delta-BHC			0.133	0.171		mg/Kg		128	70 - 135		
Dieldrin			0.133	0.127		mg/Kg		95	71 - 135		
Dieldrin			0.133	0.153		mg/Kg		115	71 - 135		
Endosulfan I			0.133	0.130		mg/Kg		98	70 - 141		
Endosulfan I			0.133	0.155		mg/Kg		116	70 - 141		
Endosulfan II			0.133	0.135		mg/Kg		101	75 - 141		
Endosulfan II			0.133	0.153		mg/Kg		114	75 - 141		
Endosulfan sulfate			0.133	0.129		mg/Kg		96	67 - 130		
Endosulfan sulfate			0.133	0.148		mg/Kg		111	67 - 130		
Endrin			0.133	0.114		mg/Kg		85	66 - 143		
Endrin			0.133	0.133		mg/Kg		100	66 - 143		
Endrin aldehyde			0.133	0.137		mg/Kg		103	70 - 132		
Endrin aldehyde			0.133	0.150		mg/Kg		112	70 - 132		
Endrin ketone			0.133	0.134		mg/Kg		101	66 - 137		
Endrin ketone			0.133	0.158		mg/Kg		118	66 - 137		
gamma-BHC (Lindane)			0.133	0.142		mg/Kg		107	71 - 137		
gamma-BHC (Lindane)			0.133	0.158		mg/Kg		119	71 - 137		
Heptachlor			0.133	0.137		mg/Kg		102	70 - 140		
Heptachlor			0.133	0.150		mg/Kg		112	70 - 140		
Heptachlor epoxide			0.133	0.136		mg/Kg		102	70 - 135		
Heptachlor epoxide			0.133	0.151		mg/Kg		113	70 - 135		
Methoxychlor			0.133	0.101		mg/Kg		76	63 - 138		
Methoxychlor			0.133	0.108		mg/Kg		81	63 - 138		

Surrogate	*LCS %Recovery*	*LCS Qualifier*	*Limits*
DCB Decachlorobiphenyl	*75*		*10 - 150*
DCB Decachlorobiphenyl	*90*		*10 - 150*
Tetrachloro-m-xylene	*73*		*14 - 150*
Tetrachloro-m-xylene	*73*		*14 - 150*

Method: 8081B - Organochlorine Pesticides (GC) (Continued)

Lab Sample ID: LCSD 460-1066853/3-A
Matrix: Solid
Analysis Batch: 1066994

Client Sample ID: Lab Control Sample Dup
Prep Type: Total/NA
Prep Batch: 1066853

Analyte			Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
4,4'-DDD			0.133	0.130		mg/Kg		98	71 - 134	NaN	30
4,4'-DDD			0.133	0.156		mg/Kg		117	71 - 134	17	30
4,4'-DDE			0.133	0.127		mg/Kg		95	71 - 137	NaN	30
4,4'-DDE			0.133	0.143		mg/Kg		108	71 - 137	12	30
4,4'-DDT			0.133	0.111		mg/Kg		83	69 - 140	NaN	30
4,4'-DDT			0.133	0.114		mg/Kg		86	69 - 140	4	30
Aldrin			0.133	0.132		mg/Kg		99	68 - 136	NaN	30
Aldrin			0.133	0.151		mg/Kg		113	68 - 136	12	30
alpha-BHC			0.133	0.146		mg/Kg		109	71 - 136	NaN	30
alpha-BHC			0.133	0.165		mg/Kg		124	71 - 136	13	30
beta-BHC			0.133	0.132		mg/Kg		99	67 - 133	NaN	30
beta-BHC			0.133	0.152		mg/Kg		114	67 - 133	13	30
cis-Chlordane			0.133	0.132		mg/Kg		99	70 - 140	NaN	30
cis-Chlordane			0.133	0.154		mg/Kg		116	70 - 140	15	30
delta-BHC			0.133	0.152		mg/Kg		114	70 - 135	NaN	30
delta-BHC			0.133	0.171		mg/Kg		129	70 - 135	11	30
Dieldrin			0.133	0.127		mg/Kg		95	71 - 135	NaN	30
Dieldrin			0.133	0.152		mg/Kg		114	71 - 135	18	30
Endosulfan I			0.133	0.130		mg/Kg		97	70 - 141	NaN	30
Endosulfan I			0.133	0.153		mg/Kg		115	70 - 141	16	30
Endosulfan II			0.133	0.133		mg/Kg		100	75 - 141	NaN	30
Endosulfan II			0.133	0.152		mg/Kg		114	75 - 141	12	30
Endosulfan sulfate			0.133	0.128		mg/Kg		96	67 - 130	NaN	30
Endosulfan sulfate			0.133	0.148		mg/Kg		111	67 - 130	14	30
Endrin			0.133	0.113		mg/Kg		85	66 - 143	NaN	30
Endrin			0.133	0.132		mg/Kg		99	66 - 143	15	30
Endrin aldehyde			0.133	0.136		mg/Kg		102	70 - 132	NaN	30
Endrin aldehyde			0.133	0.149		mg/Kg		112	70 - 132	8	30
Endrin ketone			0.133	0.134		mg/Kg		101	66 - 137	NaN	30
Endrin ketone			0.133	0.158		mg/Kg		119	66 - 137	16	30
gamma-BHC (Lindane)			0.133	0.142		mg/Kg		106	71 - 137	NaN	30
gamma-BHC (Lindane)			0.133	0.158		mg/Kg		119	71 - 137	11	30
Heptachlor			0.133	0.135		mg/Kg		101	70 - 140	NaN	30
Heptachlor			0.133	0.150		mg/Kg		113	70 - 140	10	30
Heptachlor epoxide			0.133	0.135		mg/Kg		101	70 - 135	NaN	30
Heptachlor epoxide			0.133	0.150		mg/Kg		113	70 - 135	10	30
Methoxychlor			0.133	0.102		mg/Kg		77	63 - 138	NaN	30
Methoxychlor			0.133	0.109		mg/Kg		82	63 - 138	7	30

Surrogate	*LCSD %Recovery*	*LCSD Qualifier*	*Limits*
DCB Decachlorobiphenyl	*79*		*10 - 150*
DCB Decachlorobiphenyl	*94*		*10 - 150*
Tetrachloro-m-xylene	*77*		*14 - 150*
Tetrachloro-m-xylene	*77*		*14 - 150*

Method: 8081B - Organochlorine Pesticides (GC) (Continued)

Lab Sample ID: 460-336648-21 MS
Matrix: Solid
Analysis Batch: 1066994

Client Sample ID: 49B_0-5
Prep Type: Total/NA
Prep Batch: 1066853

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec Limits
4,4'-DDD	0.0069	U	0.137	0.125		mg/Kg	☼	91	71 - 134
4,4'-DDD	0.0069	U	0.137	0.151		mg/Kg	☼	110	71 - 134
4,4'-DDE	0.0069	U	0.137	0.120		mg/Kg	☼	88	71 - 137
4,4'-DDE	0.0069	U	0.137	0.137		mg/Kg	☼	100	71 - 137
4,4'-DDT	0.0069	U	0.137	0.104		mg/Kg	☼	75	69 - 140
4,4'-DDT	0.0069	U	0.137	0.110		mg/Kg	☼	80	69 - 140
Aldrin	0.0069	U	0.137	0.123		mg/Kg	☼	90	68 - 136
Aldrin	0.0069	U	0.137	0.142		mg/Kg	☼	103	68 - 136
alpha-BHC	0.0021	U	0.137	0.136		mg/Kg	☼	99	71 - 136
alpha-BHC	0.0021	U	0.137	0.152		mg/Kg	☼	111	71 - 136
beta-BHC	0.0021	U	0.137	0.124		mg/Kg	☼	90	67 - 133
beta-BHC	0.0021	U	0.137	0.144		mg/Kg	☼	105	67 - 133
cis-Chlordane	0.0069	U	0.137	0.124		mg/Kg	☼	90	70 - 140
cis-Chlordane	0.0069	U	0.137	0.145		mg/Kg	☼	106	70 - 140
delta-BHC	0.0021	U	0.137	0.143		mg/Kg	☼	104	70 - 135
delta-BHC	0.0021	U	0.137	0.161		mg/Kg	☼	118	70 - 135
Dieldrin	0.0021	U	0.137	0.119		mg/Kg	☼	87	71 - 135
Dieldrin	0.0021	U	0.137	0.143		mg/Kg	☼	104	71 - 135
Endosulfan I	0.0069	U	0.137	0.122		mg/Kg	☼	89	70 - 141
Endosulfan I	0.0069	U	0.137	0.143		mg/Kg	☼	105	70 - 141
Endosulfan II	0.0069	U	0.137	0.126		mg/Kg	☼	92	75 - 141
Endosulfan II	0.0069	U	0.137	0.143		mg/Kg	☼	104	75 - 141
Endosulfan sulfate	0.0069	U	0.137	0.121		mg/Kg	☼	88	67 - 130
Endosulfan sulfate	0.0069	U	0.137	0.137		mg/Kg	☼	100	67 - 130
Endrin	0.0069	U	0.137	0.112		mg/Kg	☼	81	66 - 143
Endrin	0.0069	U	0.137	0.132		mg/Kg	☼	96	66 - 143
Endrin aldehyde	0.0069	U	0.137	0.125		mg/Kg	☼	91	70 - 132
Endrin aldehyde	0.0069	U	0.137	0.134		mg/Kg	☼	98	70 - 132
Endrin ketone	0.0069	U	0.137	0.124		mg/Kg	☼	91	66 - 137
Endrin ketone	0.0069	U	0.137	0.146		mg/Kg	☼	106	66 - 137
gamma-BHC (Lindane)	0.0021	U	0.137	0.132		mg/Kg	☼	96	71 - 137
gamma-BHC (Lindane)	0.0021	U	0.137	0.148		mg/Kg	☼	108	71 - 137
Heptachlor	0.0069	U	0.137	0.128		mg/Kg	☼	93	70 - 140
Heptachlor	0.0069	U	0.137	0.142		mg/Kg	☼	103	70 - 140
Heptachlor epoxide	0.0069	U	0.137	0.125		mg/Kg	☼	91	70 - 135
Heptachlor epoxide	0.0069	U	0.137	0.142		mg/Kg	☼	104	70 - 135
Methoxychlor	0.0069	U	0.137	0.100		mg/Kg	☼	73	63 - 138
Methoxychlor	0.0069	U	0.137	0.104		mg/Kg	☼	76	63 - 138

Surrogate	*MS %Recovery*	*MS Qualifier*	*Limits*
DCB Decachlorobiphenyl	*76*		*10 - 150*
DCB Decachlorobiphenyl	*91*		*10 - 150*
Tetrachloro-m-xylene	*74*		*14 - 150*
Tetrachloro-m-xylene	*75*		*14 - 150*

Method: 8081B - Organochlorine Pesticides (GC) (Continued)

Lab Sample ID: 460-336648-21 MSD
Matrix: Solid
Analysis Batch: 1066994

Client Sample ID: 49B_0-5
Prep Type: Total/NA
Prep Batch: 1066853

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
4,4'-DDD	0.0069	U	0.137	0.131		mg/Kg	☼	96	71 - 134	5	30
4,4'-DDD	0.0069	U	0.137	0.160		mg/Kg	☼	116	71 - 134	6	30
4,4'-DDE	0.0069	U	0.137	0.127		mg/Kg	☼	92	71 - 137	5	30
4,4'-DDE	0.0069	U	0.137	0.145		mg/Kg	☼	106	71 - 137	6	30
4,4'-DDT	0.0069	U	0.137	0.109		mg/Kg	☼	80	69 - 140	6	30
4,4'-DDT	0.0069	U	0.137	0.117		mg/Kg	☼	85	69 - 140	6	30
Aldrin	0.0069	U	0.137	0.129		mg/Kg	☼	94	68 - 136	5	30
Aldrin	0.0069	U	0.137	0.149		mg/Kg	☼	108	68 - 136	5	30
alpha-BHC	0.0021	U	0.137	0.144		mg/Kg	☼	105	71 - 136	6	30
alpha-BHC	0.0021	U	0.137	0.163		mg/Kg	☼	119	71 - 136	7	30
beta-BHC	0.0021	U	0.137	0.129		mg/Kg	☼	94	67 - 133	4	30
beta-BHC	0.0021	U	0.137	0.153		mg/Kg	☼	111	67 - 133	6	30
cis-Chlordane	0.0069	U	0.137	0.130		mg/Kg	☼	95	70 - 140	5	30
cis-Chlordane	0.0069	U	0.137	0.153		mg/Kg	☼	112	70 - 140	5	30
delta-BHC	0.0021	U	0.137	0.151		mg/Kg	☼	110	70 - 135	5	30
delta-BHC	0.0021	U	0.137	0.172		mg/Kg	☼	125	70 - 135	6	30
Dieldrin	0.0021	U	0.137	0.126		mg/Kg	☼	92	71 - 135	5	30
Dieldrin	0.0021	U	0.137	0.152		mg/Kg	☼	111	71 - 135	6	30
Endosulfan I	0.0069	U	0.137	0.128		mg/Kg	☼	93	70 - 141	5	30
Endosulfan I	0.0069	U	0.137	0.152		mg/Kg	☼	111	70 - 141	6	30
Endosulfan II	0.0069	U	0.137	0.132		mg/Kg	☼	96	75 - 141	5	30
Endosulfan II	0.0069	U	0.137	0.151		mg/Kg	☼	110	75 - 141	6	30
Endosulfan sulfate	0.0069	U	0.137	0.127		mg/Kg	☼	92	67 - 130	5	30
Endosulfan sulfate	0.0069	U	0.137	0.145		mg/Kg	☼	105	67 - 130	6	30
Endrin	0.0069	U	0.137	0.118		mg/Kg	☼	86	66 - 143	5	30
Endrin	0.0069	U	0.137	0.140		mg/Kg	☼	102	66 - 143	6	30
Endrin aldehyde	0.0069	U	0.137	0.132		mg/Kg	☼	96	70 - 132	5	30
Endrin aldehyde	0.0069	U	0.137	0.142		mg/Kg	☼	103	70 - 132	6	30
Endrin ketone	0.0069	U	0.137	0.131		mg/Kg	☼	96	66 - 137	5	30
Endrin ketone	0.0069	U	0.137	0.154		mg/Kg	☼	112	66 - 137	5	30
gamma-BHC (Lindane)	0.0021	U	0.137	0.139		mg/Kg	☼	101	71 - 137	5	30
gamma-BHC (Lindane)	0.0021	U	0.137	0.157		mg/Kg	☼	115	71 - 137	6	30
Heptachlor	0.0069	U	0.137	0.134		mg/Kg	☼	98	70 - 140	5	30
Heptachlor	0.0069	U	0.137	0.149		mg/Kg	☼	109	70 - 140	5	30
Heptachlor epoxide	0.0069	U	0.137	0.133		mg/Kg	☼	97	70 - 135	6	30
Heptachlor epoxide	0.0069	U	0.137	0.149		mg/Kg	☼	109	70 - 135	5	30
Methoxychlor	0.0069	U	0.137	0.106		mg/Kg	☼	77	63 - 138	6	30
Methoxychlor	0.0069	U	0.137	0.111		mg/Kg	☼	81	63 - 138	6	30

Surrogate	*MSD %Recovery*	*MSD Qualifier*	*Limits*
DCB Decachlorobiphenyl	*77*		*10 - 150*
DCB Decachlorobiphenyl	*91*		*10 - 150*
Tetrachloro-m-xylene	*75*		*14 - 150*
Tetrachloro-m-xylene	*76*		*14 - 150*

Method: 8082A - Polychlorinated Biphenyls (PCBs) by Gas Chromatography

Lab Sample ID: MB 460-1066848/1-A
Matrix: Solid
Analysis Batch: 1067038

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 1066848

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Aroclor 1016	0.067	U	0.067	0.018	mg/Kg		10/08/25 16:43	10/09/25 13:36	1
Aroclor 1016	0.067	U	0.067	0.018	mg/Kg		10/08/25 16:43	10/09/25 13:36	1
Aroclor 1221	0.067	U	0.067	0.018	mg/Kg		10/08/25 16:43	10/09/25 13:36	1
Aroclor 1221	0.067	U	0.067	0.018	mg/Kg		10/08/25 16:43	10/09/25 13:36	1
Aroclor 1232	0.067	U	0.067	0.018	mg/Kg		10/08/25 16:43	10/09/25 13:36	1
Aroclor 1232	0.067	U	0.067	0.018	mg/Kg		10/08/25 16:43	10/09/25 13:36	1
Aroclor 1242	0.067	U	0.067	0.018	mg/Kg		10/08/25 16:43	10/09/25 13:36	1
Aroclor 1242	0.067	U	0.067	0.018	mg/Kg		10/08/25 16:43	10/09/25 13:36	1
Aroclor 1248	0.067	U	0.067	0.018	mg/Kg		10/08/25 16:43	10/09/25 13:36	1
Aroclor 1248	0.067	U	0.067	0.018	mg/Kg		10/08/25 16:43	10/09/25 13:36	1
Aroclor 1254	0.067	U	0.067	0.018	mg/Kg		10/08/25 16:43	10/09/25 13:36	1
Aroclor 1254	0.067	U	0.067	0.018	mg/Kg		10/08/25 16:43	10/09/25 13:36	1
Aroclor 1260	0.067	U	0.067	0.018	mg/Kg		10/08/25 16:43	10/09/25 13:36	1
Aroclor 1260	0.067	U	0.067	0.018	mg/Kg		10/08/25 16:43	10/09/25 13:36	1
Aroclor-1262	0.067	U	0.067	0.018	mg/Kg		10/08/25 16:43	10/09/25 13:36	1
Aroclor-1262	0.067	U	0.067	0.018	mg/Kg		10/08/25 16:43	10/09/25 13:36	1
Aroclor 1268	0.067	U	0.067	0.018	mg/Kg		10/08/25 16:43	10/09/25 13:36	1
Aroclor 1268	0.067	U	0.067	0.018	mg/Kg		10/08/25 16:43	10/09/25 13:36	1
Polychlorinated biphenyls, Total	0.067	U	0.067	0.018	mg/Kg		10/08/25 16:43	10/09/25 13:36	1
Polychlorinated biphenyls, Total	0.067	U	0.067	0.018	mg/Kg		10/08/25 16:43	10/09/25 13:36	1

Surrogate	*MB %Recovery*	*MB Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
DCB Decachlorobiphenyl	*95*		*10 - 150*	*10/08/25 16:43*	*10/09/25 13:36*	*1*
DCB Decachlorobiphenyl	*108*		*10 - 150*	*10/08/25 16:43*	*10/09/25 13:36*	*1*
Tetrachloro-m-xylene	*99*		*10 - 150*	*10/08/25 16:43*	*10/09/25 13:36*	*1*
Tetrachloro-m-xylene	*99*		*10 - 150*	*10/08/25 16:43*	*10/09/25 13:36*	*1*

Lab Sample ID: LCS 460-1066848/2-A
Matrix: Solid
Analysis Batch: 1067038

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 1066848

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
Aroclor 1016	0.333	0.331		mg/Kg		99	59 - 149
Aroclor 1016	0.333	0.335		mg/Kg		101	59 - 149
Aroclor 1260	0.333	0.321		mg/Kg		96	62 - 145
Aroclor 1260	0.333	0.339		mg/Kg		102	62 - 145

Surrogate	*LCS %Recovery*	*LCS Qualifier*	*Limits*
DCB Decachlorobiphenyl	*104*		*10 - 150*
DCB Decachlorobiphenyl	*126*		*10 - 150*
Tetrachloro-m-xylene	*106*		*10 - 150*
Tetrachloro-m-xylene	*109*		*10 - 150*

Method: 8082A - Polychlorinated Biphenyls (PCBs) by Gas Chromatography (Continued)

Lab Sample ID: LCSD 460-1066848/3-A
Matrix: Solid
Analysis Batch: 1067038

Client Sample ID: Lab Control Sample Dup
Prep Type: Total/NA
Prep Batch: 1066848

Analyte			Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Aroclor 1016			0.333	0.339		mg/Kg		102	59 - 149	2	30
Aroclor 1016			0.333	0.335		mg/Kg		100	59 - 149	0	30
Aroclor 1260			0.333	0.325		mg/Kg		97	62 - 145	1	30
Aroclor 1260			0.333	0.337		mg/Kg		101	62 - 145	0	30

Surrogate	*LCSD %Recovery*	*LCSD Qualifier*	*Limits*
DCB Decachlorobiphenyl	*103*		*10 - 150*
DCB Decachlorobiphenyl	*117*		*10 - 150*
Tetrachloro-m-xylene	*108*		*10 - 150*
Tetrachloro-m-xylene	*110*		*10 - 150*

Lab Sample ID: 460-336648-1 MS
Matrix: Solid
Analysis Batch: 1067038

Client Sample ID: 44A_0-4
Prep Type: Total/NA
Prep Batch: 1066848

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec Limits
Aroclor 1016	0.070	U	0.348	0.360		mg/Kg	☼	104	59 - 149
Aroclor 1016	0.070	U	0.348	0.359		mg/Kg	☼	103	59 - 149
Aroclor 1260	0.070	U	0.348	0.341		mg/Kg	☼	98	62 - 145
Aroclor 1260	0.070	U	0.348	0.362		mg/Kg	☼	104	62 - 145

Surrogate	*MS %Recovery*	*MS Qualifier*	*Limits*
DCB Decachlorobiphenyl	*119*		*10 - 150*
DCB Decachlorobiphenyl	*135*		*10 - 150*
Tetrachloro-m-xylene	*123*		*10 - 150*
Tetrachloro-m-xylene	*125*		*10 - 150*

Lab Sample ID: 460-336648-1 MSD
Matrix: Solid
Analysis Batch: 1067038

Client Sample ID: 44A_0-4
Prep Type: Total/NA
Prep Batch: 1066848

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Aroclor 1016	0.070	U	0.348	0.392		mg/Kg	☼	113	59 - 149	8	30
Aroclor 1016	0.070	U	0.348	0.397		mg/Kg	☼	114	59 - 149	10	30
Aroclor 1260	0.070	U	0.348	0.384		mg/Kg	☼	110	62 - 145	12	30
Aroclor 1260	0.070	U	0.348	0.401		mg/Kg	☼	115	62 - 145	10	30

Surrogate	*MSD %Recovery*	*MSD Qualifier*	*Limits*
DCB Decachlorobiphenyl	*116*		*10 - 150*
DCB Decachlorobiphenyl	*137*		*10 - 150*
Tetrachloro-m-xylene	*119*		*10 - 150*
Tetrachloro-m-xylene	*120*		*10 - 150*

Method: 8082A - Polychlorinated Biphenyls (PCBs) by Gas Chromatography (Continued)

Lab Sample ID: MB 460-1066850/1-A
Matrix: Solid
Analysis Batch: 1067141

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 1066850

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Aroclor 1016	0.067	U	0.067	0.018	mg/Kg		10/08/25 16:45	10/09/25 20:07	1
Aroclor 1016	0.067	U	0.067	0.018	mg/Kg		10/08/25 16:45	10/09/25 20:07	1
Aroclor 1221	0.067	U	0.067	0.018	mg/Kg		10/08/25 16:45	10/09/25 20:07	1
Aroclor 1221	0.067	U	0.067	0.018	mg/Kg		10/08/25 16:45	10/09/25 20:07	1
Aroclor 1232	0.067	U	0.067	0.018	mg/Kg		10/08/25 16:45	10/09/25 20:07	1
Aroclor 1232	0.067	U	0.067	0.018	mg/Kg		10/08/25 16:45	10/09/25 20:07	1
Aroclor 1242	0.067	U	0.067	0.018	mg/Kg		10/08/25 16:45	10/09/25 20:07	1
Aroclor 1242	0.067	U	0.067	0.018	mg/Kg		10/08/25 16:45	10/09/25 20:07	1
Aroclor 1248	0.067	U	0.067	0.018	mg/Kg		10/08/25 16:45	10/09/25 20:07	1
Aroclor 1248	0.067	U	0.067	0.018	mg/Kg		10/08/25 16:45	10/09/25 20:07	1
Aroclor 1254	0.067	U	0.067	0.018	mg/Kg		10/08/25 16:45	10/09/25 20:07	1
Aroclor 1254	0.067	U	0.067	0.018	mg/Kg		10/08/25 16:45	10/09/25 20:07	1
Aroclor 1260	0.067	U	0.067	0.018	mg/Kg		10/08/25 16:45	10/09/25 20:07	1
Aroclor 1260	0.067	U	0.067	0.018	mg/Kg		10/08/25 16:45	10/09/25 20:07	1
Aroclor-1262	0.067	U	0.067	0.018	mg/Kg		10/08/25 16:45	10/09/25 20:07	1
Aroclor-1262	0.067	U	0.067	0.018	mg/Kg		10/08/25 16:45	10/09/25 20:07	1
Aroclor 1268	0.067	U	0.067	0.018	mg/Kg		10/08/25 16:45	10/09/25 20:07	1
Aroclor 1268	0.067	U	0.067	0.018	mg/Kg		10/08/25 16:45	10/09/25 20:07	1
Polychlorinated biphenyls, Total	0.067	U	0.067	0.018	mg/Kg		10/08/25 16:45	10/09/25 20:07	1
Polychlorinated biphenyls, Total	0.067	U	0.067	0.018	mg/Kg		10/08/25 16:45	10/09/25 20:07	1

Surrogate	*MB %Recovery*	*MB Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
DCB Decachlorobiphenyl	*106*		*10 - 150*	*10/08/25 16:45*	*10/09/25 20:07*	*1*
DCB Decachlorobiphenyl	*101*		*10 - 150*	*10/08/25 16:45*	*10/09/25 20:07*	*1*
Tetrachloro-m-xylene	*89*		*10 - 150*	*10/08/25 16:45*	*10/09/25 20:07*	*1*
Tetrachloro-m-xylene	*99*		*10 - 150*	*10/08/25 16:45*	*10/09/25 20:07*	*1*

Lab Sample ID: LCS 460-1066850/2-A
Matrix: Solid
Analysis Batch: 1067141

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 1066850

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
Aroclor 1016	0.333	0.255		mg/Kg		77	59 - 149
Aroclor 1016	0.333	0.269		mg/Kg		81	59 - 149
Aroclor 1260	0.333	0.264		mg/Kg		79	62 - 145
Aroclor 1260	0.333	0.251		mg/Kg		75	62 - 145

Surrogate	*LCS %Recovery*	*LCS Qualifier*	*Limits*
DCB Decachlorobiphenyl	*95*		*10 - 150*
DCB Decachlorobiphenyl	*90*		*10 - 150*
Tetrachloro-m-xylene	*79*		*10 - 150*
Tetrachloro-m-xylene	*88*		*10 - 150*

Method: 8082A - Polychlorinated Biphenyls (PCBs) by Gas Chromatography (Continued)

Lab Sample ID: LCSD 460-1066850/3-A
Matrix: Solid
Analysis Batch: 1067141

Client Sample ID: Lab Control Sample Dup
Prep Type: Total/NA
Prep Batch: 1066850

Analyte			Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Aroclor 1016			0.333	0.244		mg/Kg		73	59 - 149	4	30
Aroclor 1016			0.333	0.260		mg/Kg		78	59 - 149	3	30
Aroclor 1260			0.333	0.252		mg/Kg		76	62 - 145	5	30
Aroclor 1260			0.333	0.235		mg/Kg		70	62 - 145	7	30

Surrogate	*LCSD %Recovery*	*LCSD Qualifier*	*Limits*
DCB Decachlorobiphenyl	*88*		*10 - 150*
DCB Decachlorobiphenyl	*85*		*10 - 150*
Tetrachloro-m-xylene	*74*		*10 - 150*
Tetrachloro-m-xylene	*84*		*10 - 150*

Lab Sample ID: 460-336648-21 MS
Matrix: Solid
Analysis Batch: 1067141

Client Sample ID: 49B_0-5
Prep Type: Total/NA
Prep Batch: 1066850

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec Limits
Aroclor 1016	0.069	U	0.343	0.307		mg/Kg	☼	90	59 - 149
Aroclor 1016	0.069	U	0.343	0.313		mg/Kg	☼	91	59 - 149
Aroclor 1260	0.069	U	0.343	0.313		mg/Kg	☼	91	62 - 145
Aroclor 1260	0.069	U	0.343	0.291		mg/Kg	☼	85	62 - 145

Surrogate	*MS %Recovery*	*MS Qualifier*	*Limits*
DCB Decachlorobiphenyl	*105*		*10 - 150*
DCB Decachlorobiphenyl	*101*		*10 - 150*
Tetrachloro-m-xylene	*87*		*10 - 150*
Tetrachloro-m-xylene	*96*		*10 - 150*

Lab Sample ID: 460-336648-21 MSD
Matrix: Solid
Analysis Batch: 1067141

Client Sample ID: 49B_0-5
Prep Type: Total/NA
Prep Batch: 1066850

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Aroclor 1016	0.069	U	0.343	0.292		mg/Kg	☼	85	59 - 149	5	30
Aroclor 1016	0.069	U	0.343	0.308		mg/Kg	☼	90	59 - 149	2	30
Aroclor 1260	0.069	U	0.343	0.301		mg/Kg	☼	88	62 - 145	4	30
Aroclor 1260	0.069	U	0.343	0.286		mg/Kg	☼	84	62 - 145	2	30

Surrogate	*MSD %Recovery*	*MSD Qualifier*	*Limits*
DCB Decachlorobiphenyl	*100*		*10 - 150*
DCB Decachlorobiphenyl	*96*		*10 - 150*
Tetrachloro-m-xylene	*84*		*10 - 150*
Tetrachloro-m-xylene	*94*		*10 - 150*

Method: 1633A - Per- and Polyfluoroalkyl Substances by LC/MS/MS, 1633A

Lab Sample ID: MB 410-711573/1-A
Matrix: Solid
Analysis Batch: 711815

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 711573

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Perfluorobutanoic acid (PFBA)	0.40	U	0.40	0.10	ug/Kg		10/09/25 14:14	10/10/25 04:25	1
Perfluoropentanoic acid (PFPeA)	0.20	U	0.20	0.10	ug/Kg		10/09/25 14:14	10/10/25 04:25	1
Perfluorohexanoic acid (PFHxA)	0.20	U	0.20	0.10	ug/Kg		10/09/25 14:14	10/10/25 04:25	1
Perfluoroheptanoic acid (PFHpA)	0.20	U	0.20	0.10	ug/Kg		10/09/25 14:14	10/10/25 04:25	1
Perfluorooctanoic acid (PFOA)	0.20	U	0.20	0.060	ug/Kg		10/09/25 14:14	10/10/25 04:25	1
Perfluorononanoic acid (PFNA)	0.20	U	0.20	0.10	ug/Kg		10/09/25 14:14	10/10/25 04:25	1
Perfluorodecanoic acid (PFDA)	0.20	U	0.20	0.060	ug/Kg		10/09/25 14:14	10/10/25 04:25	1
Perfluoroundecanoic acid (PFUnA)	0.20	U	0.20	0.10	ug/Kg		10/09/25 14:14	10/10/25 04:25	1
Perfluorododecanoic acid (PFDoA)	0.20	U	0.20	0.10	ug/Kg		10/09/25 14:14	10/10/25 04:25	1
Perfluorotridecanoic acid (PFTrDA)	0.20	U	0.20	0.10	ug/Kg		10/09/25 14:14	10/10/25 04:25	1
Perfluorotetradecanoic acid (PFTeDA)	0.20	U	0.20	0.10	ug/Kg		10/09/25 14:14	10/10/25 04:25	1
Perfluorobutanesulfonic acid (PFBS)	0.20	U	0.20	0.10	ug/Kg		10/09/25 14:14	10/10/25 04:25	1
Perfluoropentanesulfonic acid (PFPeS)	0.20	U	0.20	0.10	ug/Kg		10/09/25 14:14	10/10/25 04:25	1
Perfluorohexanesulfonic acid (PFHxS)	0.20	U	0.20	0.10	ug/Kg		10/09/25 14:14	10/10/25 04:25	1
Perfluoroheptanesulfonic acid (PFHpS)	0.20	U	0.20	0.10	ug/Kg		10/09/25 14:14	10/10/25 04:25	1
Perfluorooctanesulfonic acid (PFOS)	0.20	U	0.20	0.10	ug/Kg		10/09/25 14:14	10/10/25 04:25	1
Perfluorononanesulfonic acid (PFNS)	0.20	U	0.20	0.10	ug/Kg		10/09/25 14:14	10/10/25 04:25	1
Perfluorodecanesulfonic acid (PFDS)	0.20	U	0.20	0.10	ug/Kg		10/09/25 14:14	10/10/25 04:25	1
Perfluorododecanesulfonic acid (PFDoS)	0.20	U	0.20	0.10	ug/Kg		10/09/25 14:14	10/10/25 04:25	1
1H,1H,2H,2H-Perfluorohexane sulfonic acid (4:2 FTS)	0.40	U	0.40	0.20	ug/Kg		10/09/25 14:14	10/10/25 04:25	1
1H,1H,2H,2H-Perfluorooctane sulfonic acid (6:2 FTS)	0.40	U	0.40	0.20	ug/Kg		10/09/25 14:14	10/10/25 04:25	1
1H,1H,2H,2H-Perfluorodecane sulfonic acid (8:2 FTS)	0.40	U	0.40	0.20	ug/Kg		10/09/25 14:14	10/10/25 04:25	1
Perfluorooctanesulfonamide (PFOSA)	0.20	U	0.20	0.10	ug/Kg		10/09/25 14:14	10/10/25 04:25	1
N-methylperfluorooctane sulfonamide (NMeFOSA)	0.20	U	0.20	0.10	ug/Kg		10/09/25 14:14	10/10/25 04:25	1
N-ethylperfluorooctane sulfonamide (NEtFOSA)	0.20	U	0.20	0.10	ug/Kg		10/09/25 14:14	10/10/25 04:25	1
N-methylperfluorooctanesulfonamidoacetic acid (NMeFOSAA)	0.20	U	0.20	0.10	ug/Kg		10/09/25 14:14	10/10/25 04:25	1
N-ethylperfluorooctanesulfonamidoacetic acid (NEtFOSAA)	0.20	U	0.20	0.10	ug/Kg		10/09/25 14:14	10/10/25 04:25	1
N-methylperfluorooctane sulfonamidoethanol (NMeFOSE)	1.00	U	1.00	0.50	ug/Kg		10/09/25 14:14	10/10/25 04:25	1
N-ethylperfluorooctane sulfonamidoethanol (NEtFOSE)	1.00	U	1.00	0.50	ug/Kg		10/09/25 14:14	10/10/25 04:25	1
Hexafluoropropylene Oxide Dimer Acid (HFPO-DA)	0.20	U	0.20	0.10	ug/Kg		10/09/25 14:14	10/10/25 04:25	1
4,8-Dioxa-3H-perfluorononanoic acid (ADONA)	0.20	U	0.20	0.10	ug/Kg		10/09/25 14:14	10/10/25 04:25	1
Perfluoro-3-methoxypropanoic acid (PFMPA)	0.20	U	0.20	0.10	ug/Kg		10/09/25 14:14	10/10/25 04:25	1
Perfluoro-4-methoxybutanoic acid (PFMBA)	0.20	U	0.20	0.10	ug/Kg		10/09/25 14:14	10/10/25 04:25	1
Nonafluoro-3,6-dioxaheptanoic acid (NFDHA)	0.20	U	0.20	0.10	ug/Kg		10/09/25 14:14	10/10/25 04:25	1
9-Chlorohexadecafluoro-3-oxanonane-1-sulfonic acid (9Cl-PF3ONS)	0.20	U	0.20	0.10	ug/Kg		10/09/25 14:14	10/10/25 04:25	1

Method: 1633A - Per- and Polyfluoroalkyl Substances by LC/MS/MS, 1633A (Continued)

Lab Sample ID: MB 410-711573/1-A
Matrix: Solid
Analysis Batch: 711815

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 711573

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
11-Chloroeicosafluoro-3-oxaundecane-1-sulfonic acid (11Cl-PF3OUdS)	0.20	U	0.20	0.10	ug/Kg		10/09/25 14:14	10/10/25 04:25	1
Perfluoro (2-ethoxyethane) sulfonic acid (PFEESA)	0.20	U	0.20	0.10	ug/Kg		10/09/25 14:14	10/10/25 04:25	1
3-Perfluoropropylpropanoic acid (3:3 FTCA)	0.40	U	0.40	0.20	ug/Kg		10/09/25 14:14	10/10/25 04:25	1
3-Perfluoropentylpropanoic acid (5:3 FTCA)	1.00	U	1.00	0.50	ug/Kg		10/09/25 14:14	10/10/25 04:25	1
3-Perfluoroheptylpropanoic acid (7:3 FTCA)	1.00	U	1.00	0.50	ug/Kg		10/09/25 14:14	10/10/25 04:25	1

Isotope Dilution	*MB %Recovery*	*MB Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
13C4 PFBA	*81.3*		*8 - 130*	*10/09/25 14:14*	*10/10/25 04:25*	*1*
13C5 PFPeA	*81.3*		*35 - 130*	*10/09/25 14:14*	*10/10/25 04:25*	*1*
13C5 PFHxA	*75.0*		*40 - 130*	*10/09/25 14:14*	*10/10/25 04:25*	*1*
13C4 PFHpA	*73.5*		*40 - 130*	*10/09/25 14:14*	*10/10/25 04:25*	*1*
13C8 PFOA	*68.2*		*40 - 130*	*10/09/25 14:14*	*10/10/25 04:25*	*1*
13C9 PFNA	*72.1*		*40 - 130*	*10/09/25 14:14*	*10/10/25 04:25*	*1*
13C6 PFDA	*67.4*		*40 - 130*	*10/09/25 14:14*	*10/10/25 04:25*	*1*
13C7 PFUnA	*70.0*		*40 - 130*	*10/09/25 14:14*	*10/10/25 04:25*	*1*
13C2 PFTeDA	*60.0*		*20 - 130*	*10/09/25 14:14*	*10/10/25 04:25*	*1*
13C3 PFBS	*75.1*		*40 - 135*	*10/09/25 14:14*	*10/10/25 04:25*	*1*
13C3 PFHxS	*67.5*		*40 - 130*	*10/09/25 14:14*	*10/10/25 04:25*	*1*
13C8 PFOS	*64.1*		*40 - 130*	*10/09/25 14:14*	*10/10/25 04:25*	*1*
13C8 FOSA	*64.7*		*40 - 130*	*10/09/25 14:14*	*10/10/25 04:25*	*1*
d3-NMeFOSAA	*55.4*		*40 - 135*	*10/09/25 14:14*	*10/10/25 04:25*	*1*
d5-NEtFOSAA	*57.5*		*40 - 150*	*10/09/25 14:14*	*10/10/25 04:25*	*1*
13C2 4:2 FTS	*82.0*		*40 - 165*	*10/09/25 14:14*	*10/10/25 04:25*	*1*
13C2 6:2 FTS	*78.6*		*40 - 215*	*10/09/25 14:14*	*10/10/25 04:25*	*1*
13C2 8:2 FTS	*85.9*		*40 - 275*	*10/09/25 14:14*	*10/10/25 04:25*	*1*
13C3 HFPO-DA	*80.9*		*40 - 130*	*10/09/25 14:14*	*10/10/25 04:25*	*1*
d7-N-MeFOSE-M	*40.0*		*20 - 130*	*10/09/25 14:14*	*10/10/25 04:25*	*1*
d9-N-EtFOSE-M	*37.3*		*15 - 130*	*10/09/25 14:14*	*10/10/25 04:25*	*1*
d5-NEtPFOSA	*36.9*		*10 - 130*	*10/09/25 14:14*	*10/10/25 04:25*	*1*
d3-NMePFOSA	*41.0*		*10 - 130*	*10/09/25 14:14*	*10/10/25 04:25*	*1*
13C2 PFDoA	*67.1*		*40 - 130*	*10/09/25 14:14*	*10/10/25 04:25*	*1*

Lab Sample ID: LCS 410-711573/2-A
Matrix: Solid
Analysis Batch: 712029

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 711573

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
Perfluorobutanoic acid (PFBA)	5.00	5.074		ug/Kg		101	70 - 140
Perfluoropentanoic acid (PFPeA)	2.50	2.614		ug/Kg		105	60 - 150
Perfluorohexanoic acid (PFHxA)	2.50	2.389		ug/Kg		96	65 - 140
Perfluoroheptanoic acid (PFHpA)	2.50	2.569		ug/Kg		103	65 - 145
Perfluorooctanoic acid (PFOA)	2.50	2.457		ug/Kg		98	70 - 150
Perfluorononanoic acid (PFNA)	2.50	2.468		ug/Kg		99	70 - 155
Perfluorodecanoic acid (PFDA)	2.50	2.291		ug/Kg		92	70 - 155

Method: 1633A - Per- and Polyfluoroalkyl Substances by LC/MS/MS, 1633A (Continued)

Lab Sample ID: LCS 410-711573/2-A
Matrix: Solid
Analysis Batch: 712029

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 711573

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
Perfluoroundecanoic acid (PFUnA)	2.50	2.482		ug/Kg		99	70 - 155
Perfluorododecanoic acid (PFDoA)	2.50	2.354		ug/Kg		94	70 - 150
Perfluorotridecanoic acid (PFTrDA)	2.50	2.602		ug/Kg		104	65 - 150
Perfluorotetradecanoic acid (PFTeDA)	2.50	2.401		ug/Kg		96	65 - 150
Perfluorobutanesulfonic acid (PFBS)	2.22	2.178		ug/Kg		98	65 - 145
Perfluoropentanesulfonic acid (PFPeS)	2.35	2.510		ug/Kg		107	55 - 160
Perfluorohexanesulfonic acid (PFHxS)	2.28	1.980		ug/Kg		87	60 - 150
Perfluoroheptanesulfonic acid (PFHpS)	2.39	2.303		ug/Kg		97	65 - 155
Perfluorooctanesulfonic acid (PFOS)	2.33	2.155		ug/Kg		93	65 - 160
Perfluorononanesulfonic acid (PFNS)	2.41	1.951		ug/Kg		81	55 - 140
Perfluorodecanesulfonic acid (PFDS)	2.41	2.086		ug/Kg		87	40 - 155
Perfluorododecanesulfonic acid (PFDoS)	2.43	2.003		ug/Kg		83	25 - 160
1H,1H,2H,2H-Perfluorohexane sulfonic acid (4:2 FTS)	4.69	4.760		ug/Kg		102	60 - 150
1H,1H,2H,2H-Perfluorooctane sulfonic acid (6:2 FTS)	4.76	4.970		ug/Kg		104	55 - 200
1H,1H,2H,2H-Perfluorodecane sulfonic acid (8:2 FTS)	4.80	4.936		ug/Kg		103	70 - 150
Perfluorooctanesulfonamide (PFOSA)	2.50	2.556		ug/Kg		102	70 - 140
N-methylperfluorooctane sulfonamide (NMeFOSA)	2.50	2.384		ug/Kg		95	70 - 155
N-ethylperfluorooctane sulfonamide (NEtFOSA)	2.50	2.458		ug/Kg		98	70 - 140
N-methylperfluorooctanesulfonamidoacetic acid (NMeFOSAA)	2.50	2.756		ug/Kg		110	65 - 155
N-ethylperfluorooctanesulfonamidoacetic acid (NEtFOSAA)	2.50	2.503		ug/Kg		100	65 - 165
N-methylperfluorooctane sulfonamidoethanol (NMeFOSE)	12.5	11.84		ug/Kg		95	70 - 140
N-ethylperfluorooctane sulfonamidoethanol (NEtFOSE)	12.5	12.31		ug/Kg		99	70 - 135
Hexafluoropropylene Oxide Dimer Acid (HFPO-DA)	1.88	1.858		ug/Kg		99	70 - 145
4,8-Dioxa-3H-perfluorononanoic acid (ADONA)	2.37	2.052		ug/Kg		87	70 - 160
Perfluoro-3-methoxypropanoic acid (PFMPA)	2.50	2.470		ug/Kg		99	30 - 140
Perfluoro-4-methoxybutanoic acid (PFMBA)	2.50	2.451		ug/Kg		98	60 - 150
Nonafluoro-3,6-dioxaheptanoic acid (NFDHA)	2.50	2.282		ug/Kg		91	60 - 155

Method: 1633A - Per- and Polyfluoroalkyl Substances by LC/MS/MS, 1633A (Continued)

Lab Sample ID: LCS 410-711573/2-A
Matrix: Solid
Analysis Batch: 712029

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 711573

Analyte			Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits		
9-Chlorohexadecafluoro-3-oxanonane-1-sulfonic acid (9Cl-PF3ONS)			2.34	2.028		ug/Kg		87	70 - 150		
11-Chloroeicosafluoro-3-oxaundecane-1-sulfonic acid (11Cl-PF3OUdS)			2.36	1.998		ug/Kg		85	45 - 160		
Perfluoro (2-ethoxyethane) sulfonic acid (PFEESA)			2.23	2.046		ug/Kg		92	70 - 140		
3-Perfluoropropylpropanoic acid (3:3 FTCA)			5.00	4.800		ug/Kg		96	45 - 130		
3-Perfluoropentylpropanoic acid (5:3 FTCA)			12.5	10.93		ug/Kg		87	60 - 130		
3-Perfluoroheptylpropanoic acid (7:3 FTCA)			12.5	8.867		ug/Kg		71	60 - 150		

Isotope Dilution	*LCS %Recovery*	*LCS Qualifier*	*Limits*
13C4 PFBA	*74.7*		*8 - 130*
13C5 PFPeA	*74.2*		*35 - 130*
13C5 PFHxA	*76.4*		*40 - 130*
13C4 PFHpA	*74.5*		*40 - 130*
13C8 PFOA	*72.5*		*40 - 130*
13C9 PFNA	*68.1*		*40 - 130*
13C6 PFDA	*61.5*		*40 - 130*
13C7 PFUnA	*59.5*		*40 - 130*
13C2 PFTeDA	*61.3*		*20 - 130*
13C3 PFBS	*73.3*		*40 - 135*
13C3 PFHxS	*71.3*		*40 - 130*
13C8 PFOS	*64.9*		*40 - 130*
13C8 FOSA	*62.5*		*40 - 130*
d3-NMeFOSAA	*48.3*		*40 - 135*
d5-NEtFOSAA	*54.7*		*40 - 150*
13C2 4:2 FTS	*75.4*		*40 - 165*
13C2 6:2 FTS	*69.0*		*40 - 215*
13C2 8:2 FTS	*55.1*		*40 - 275*
13C3 HFPO-DA	*77.6*		*40 - 130*
d7-N-MeFOSE-M	*42.3*		*20 - 130*
d9-N-EtFOSE-M	*39.7*		*15 - 130*
d5-NEtPFOSA	*39.2*		*10 - 130*
d3-NMePFOSA	*44.0*		*10 - 130*
13C2 PFDoA	*55.7*		*40 - 130*

Lab Sample ID: LCSD 410-711573/3-A
Matrix: Solid
Analysis Batch: 712029

Client Sample ID: Lab Control Sample Dup
Prep Type: Total/NA
Prep Batch: 711573

Analyte			Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Perfluorobutanoic acid (PFBA)			5.00	5.081		ug/Kg		102	70 - 140	0	30
Perfluoropentanoic acid (PFPeA)			2.50	2.686		ug/Kg		107	60 - 150	3	30
Perfluorohexanoic acid (PFHxA)			2.50	2.416		ug/Kg		97	65 - 140	1	30
Perfluoroheptanoic acid (PFHpA)			2.50	2.598		ug/Kg		104	65 - 145	1	30
Perfluorooctanoic acid (PFOA)			2.50	2.444		ug/Kg		98	70 - 150	1	30

Method: 1633A - Per- and Polyfluoroalkyl Substances by LC/MS/MS, 1633A (Continued)

Lab Sample ID: LCSD 410-711573/3-A
Matrix: Solid
Analysis Batch: 712029

Client Sample ID: Lab Control Sample Dup
Prep Type: Total/NA
Prep Batch: 711573

Analyte	Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Perfluorononanoic acid (PFNA)	2.50	2.436		ug/Kg		97	70 - 155	1	30
Perfluorodecanoic acid (PFDA)	2.50	2.438		ug/Kg		98	70 - 155	6	30
Perfluoroundecanoic acid (PFUnA)	2.50	2.549		ug/Kg		102	70 - 155	3	30
Perfluorododecanoic acid (PFDoA)	2.50	2.473		ug/Kg		99	70 - 150	5	30
Perfluorotridecanoic acid (PFTrDA)	2.50	2.591		ug/Kg		104	65 - 150	0	30
Perfluorotetradecanoic acid (PFTeDA)	2.50	2.592		ug/Kg		104	65 - 150	8	30
Perfluorobutanesulfonic acid (PFBS)	2.22	2.170		ug/Kg		98	65 - 145	0	30
Perfluoropentanesulfonic acid (PFPeS)	2.35	2.430		ug/Kg		103	55 - 160	3	30
Perfluorohexanesulfonic acid (PFHxS)	2.28	2.075		ug/Kg		91	60 - 150	5	30
Perfluoroheptanesulfonic acid (PFHpS)	2.39	2.699		ug/Kg		113	65 - 155	16	30
Perfluorooctanesulfonic acid (PFOS)	2.33	2.217		ug/Kg		95	65 - 160	3	30
Perfluorononanesulfonic acid (PFNS)	2.41	1.682		ug/Kg		70	55 - 140	15	30
Perfluorodecanesulfonic acid (PFDS)	2.41	1.800		ug/Kg		75	40 - 155	15	30
Perfluorododecanesulfonic acid (PFDoS)	2.43	1.578		ug/Kg		65	25 - 160	24	30
1H,1H,2H,2H-Perfluorohexane sulfonic acid (4:2 FTS)	4.69	4.796		ug/Kg		102	60 - 150	1	30
1H,1H,2H,2H-Perfluorooctane sulfonic acid (6:2 FTS)	4.76	4.768		ug/Kg		100	55 - 200	4	30
1H,1H,2H,2H-Perfluorodecane sulfonic acid (8:2 FTS)	4.80	4.878		ug/Kg		102	70 - 150	1	30
Perfluorooctanesulfonamide (PFOSA)	2.50	2.570		ug/Kg		103	70 - 140	1	30
N-methylperfluorooctane sulfonamide (NMeFOSA)	2.50	2.511		ug/Kg		100	70 - 155	5	30
N-ethylperfluorooctane sulfonamide (NEtFOSA)	2.50	2.663		ug/Kg		107	70 - 140	8	30
N-methylperfluorooctanesulfonamidoacetic acid (NMeFOSAA)	2.50	2.723		ug/Kg		109	65 - 155	1	30
N-ethylperfluorooctanesulfonamidoacetic acid (NEtFOSAA)	2.50	2.722		ug/Kg		109	65 - 165	8	30
N-methylperfluorooctane sulfonamidoethanol (NMeFOSE)	12.5	12.47		ug/Kg		100	70 - 140	5	30
N-ethylperfluorooctane sulfonamidoethanol (NEtFOSE)	12.5	12.84		ug/Kg		103	70 - 135	4	30
Hexafluoropropylene Oxide Dimer Acid (HFPO-DA)	1.88	1.956		ug/Kg		104	70 - 145	5	30
4,8-Dioxa-3H-perfluorononanoic acid (ADONA)	2.37	2.217		ug/Kg		94	70 - 160	8	30
Perfluoro-3-methoxypropanoic acid (PFMPA)	2.50	2.542		ug/Kg		102	30 - 140	3	30
Perfluoro-4-methoxybutanoic acid (PFMBA)	2.50	2.552		ug/Kg		102	60 - 150	4	30

Method: 1633A - Per- and Polyfluoroalkyl Substances by LC/MS/MS, 1633A (Continued)

Lab Sample ID: LCSD 410-711573/3-A
Matrix: Solid
Analysis Batch: 712029

Client Sample ID: Lab Control Sample Dup
Prep Type: Total/NA
Prep Batch: 711573

Analyte			Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Nonafluoro-3,6-dioxaheptanoic acid (NFDHA)			2.50	2.371		ug/Kg		95	60 - 155	4	30
9-Chlorohexadecafluoro-3-oxanonane-1-sulfonic acid (9Cl-PF3ONS)			2.34	1.873		ug/Kg		80	70 - 150	8	30
11-Chloroeicosafluoro-3-oxaundecane-1-sulfonic acid (11Cl-PF3OUdS)			2.36	1.801		ug/Kg		76	45 - 160	10	30
Perfluoro (2-ethoxyethane) sulfonic acid (PFEESA)			2.23	2.169		ug/Kg		97	70 - 140	6	30
3-Perfluoropropylpropanoic acid (3:3 FTCA)			5.00	4.833		ug/Kg		97	45 - 130	1	30
3-Perfluoropentylpropanoic acid (5:3 FTCA)			12.5	11.25		ug/Kg		90	60 - 130	3	30
3-Perfluoroheptylpropanoic acid (7:3 FTCA)			12.5	10.76		ug/Kg		86	60 - 150	19	30

Isotope Dilution	*LCSD %Recovery*	*LCSD Qualifier*	*Limits*
13C4 PFBA	*74.9*		*8 - 130*
13C5 PFPeA	*74.4*		*35 - 130*
13C5 PFHxA	*75.5*		*40 - 130*
13C4 PFHpA	*76.8*		*40 - 130*
13C8 PFOA	*76.3*		*40 - 130*
13C9 PFNA	*73.6*		*40 - 130*
13C6 PFDA	*67.1*		*40 - 130*
13C7 PFUnA	*59.3*		*40 - 130*
13C2 PFTeDA	*39.4*		*20 - 130*
13C3 PFBS	*72.0*		*40 - 135*
13C3 PFHxS	*69.1*		*40 - 130*
13C8 PFOS	*54.6*		*40 - 130*
13C8 FOSA	*67.8*		*40 - 130*
d3-NMeFOSAA	*60.1*		*40 - 135*
d5-NEtFOSAA	*63.7*		*40 - 150*
13C2 4:2 FTS	*72.0*		*40 - 165*
13C2 6:2 FTS	*71.8*		*40 - 215*
13C2 8:2 FTS	*65.3*		*40 - 275*
13C3 HFPO-DA	*76.6*		*40 - 130*
d7-N-MeFOSE-M	*42.5*		*20 - 130*
d9-N-EtFOSE-M	*34.6*		*15 - 130*
d5-NEtPFOSA	*30.6*		*10 - 130*
d3-NMePFOSA	*38.5*		*10 - 130*
13C2 PFDoA	*44.4*		*40 - 130*

Lab Sample ID: LLCS 410-711573/4-A
Matrix: Solid
Analysis Batch: 711815

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 711573

Analyte			Spike Added	LLCS Result	LLCS Qualifier	Unit	D	%Rec	%Rec Limits
Perfluorobutanoic acid (PFBA)			0.500	0.438		ug/Kg		88	70 - 140
Perfluoropentanoic acid (PFPeA)			0.250	0.219		ug/Kg		87	60 - 150
Perfluorohexanoic acid (PFHxA)			0.250	0.224		ug/Kg		90	65 - 140

Method: 1633A - Per- and Polyfluoroalkyl Substances by LC/MS/MS, 1633A (Continued)

Lab Sample ID: LLCS 410-711573/4-A
Matrix: Solid
Analysis Batch: 711815

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 711573

Analyte	Spike Added	LLCS Result	LLCS Qualifier	Unit	D	%Rec	%Rec Limits
Perfluoroheptanoic acid (PFHpA)	0.250	0.219		ug/Kg		88	65 - 145
Perfluorooctanoic acid (PFOA)	0.250	0.223		ug/Kg		89	70 - 150
Perfluorononanoic acid (PFNA)	0.250	0.229		ug/Kg		91	70 - 155
Perfluorodecanoic acid (PFDA)	0.250	0.212		ug/Kg		85	70 - 155
Perfluoroundecanoic acid (PFUnA)	0.250	0.290		ug/Kg		116	70 - 155
Perfluorododecanoic acid (PFDoA)	0.250	0.356		ug/Kg		142	70 - 150
Perfluorotridecanoic acid (PFTrDA)	0.250	0.245		ug/Kg		98	65 - 150
Perfluorotetradecanoic acid (PFTeDA)	0.250	0.191	J	ug/Kg		76	65 - 150
Perfluorobutanesulfonic acid (PFBS)	0.222	0.208		ug/Kg		94	65 - 145
Perfluoropentanesulfonic acid (PFPeS)	0.235	0.213		ug/Kg		91	55 - 160
Perfluorohexanesulfonic acid (PFHxS)	0.228	0.198	J	ug/Kg		87	60 - 150
Perfluoroheptanesulfonic acid (PFHpS)	0.239	0.219		ug/Kg		92	65 - 155
Perfluorooctanesulfonic acid (PFOS)	0.233	0.216		ug/Kg		93	65 - 160
Perfluorononanesulfonic acid (PFNS)	0.241	0.187	J	ug/Kg		78	55 - 140
Perfluorodecanesulfonic acid (PFDS)	0.241	0.215		ug/Kg		89	40 - 155
Perfluorododecanesulfonic acid (PFDoS)	0.243	0.177	J	ug/Kg		73	25 - 160
1H,1H,2H,2H-Perfluorohexane sulfonic acid (4:2 FTS)	0.469	0.464		ug/Kg		99	60 - 150
1H,1H,2H,2H-Perfluorooctane sulfonic acid (6:2 FTS)	0.476	0.457		ug/Kg		96	55 - 200
1H,1H,2H,2H-Perfluorodecane sulfonic acid (8:2 FTS)	0.480	0.395	J	ug/Kg		82	70 - 150
Perfluorooctanesulfonamide (PFOSA)	0.250	0.256		ug/Kg		102	70 - 140
N-methylperfluorooctane sulfonamide (NMeFOSA)	0.250	0.237		ug/Kg		95	70 - 155
N-ethylperfluorooctane sulfonamide (NEtFOSA)	0.250	0.251		ug/Kg		100	70 - 140
N-methylperfluorooctanesulfonamidoacetic acid (NMeFOSAA)	0.250	0.197	J	ug/Kg		79	65 - 155
N-ethylperfluorooctanesulfonamidoacetic acid (NEtFOSAA)	0.250	0.288		ug/Kg		115	65 - 165
N-methylperfluorooctane sulfonamidoethanol (NMeFOSE)	1.25	1.148		ug/Kg		92	70 - 140
N-ethylperfluorooctane sulfonamidoethanol (NEtFOSE)	1.25	1.282		ug/Kg		103	70 - 135
Hexafluoropropylene Oxide Dimer Acid (HFPO-DA)	0.188	0.165	J	ug/Kg		88	70 - 145
4,8-Dioxa-3H-perfluorononanoic acid (ADONA)	0.237	0.227		ug/Kg		96	70 - 160
Perfluoro-3-methoxypropanoic acid (PFMPA)	0.250	0.207		ug/Kg		83	30 - 140

Method: 1633A - Per- and Polyfluoroalkyl Substances by LC/MS/MS, 1633A (Continued)

Lab Sample ID: LLCS 410-711573/4-A
Matrix: Solid
Analysis Batch: 711815

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 711573

Analyte			Spike Added	LLCS Result	LLCS Qualifier	Unit	D	%Rec	%Rec Limits		
Perfluoro-4-methoxybutanoic acid (PFMBA)			0.250	0.214		ug/Kg		86	60 - 150		
Nonafluoro-3,6-dioxaheptanoic acid (NFDHA)			0.250	0.244		ug/Kg		98	60 - 155		
9-Chlorohexadecafluoro-3-oxanonane-1-sulfonic acid (9Cl-PF3ONS)			0.234	0.241		ug/Kg		103	70 - 150		
11-Chloroeicosafluoro-3-oxaundecane-1-sulfonic acid (11Cl-PF3OUdS)			0.236	0.217		ug/Kg		92	45 - 160		
Perfluoro (2-ethoxyethane) sulfonic acid (PFEESA)			0.223	0.193	J	ug/Kg		86	70 - 140		
3-Perfluoropropylpropanoic acid (3:3 FTCA)			0.500	0.455		ug/Kg		91	45 - 130		
3-Perfluoropentylpropanoic acid (5:3 FTCA)			1.25	1.279		ug/Kg		102	60 - 130		
3-Perfluoroheptylpropanoic acid (7:3 FTCA)			1.25	1.041		ug/Kg		83	60 - 150		

Isotope Dilution	*LLCS %Recovery*	*LLCS Qualifier*	*Limits*
13C4 PFBA	*95.5*		*8 - 130*
13C5 PFPeA	*98.8*		*35 - 130*
13C5 PFHxA	*94.1*		*40 - 130*
13C4 PFHpA	*100*		*40 - 130*
13C8 PFOA	*87.1*		*40 - 130*
13C9 PFNA	*82.0*		*40 - 130*
13C6 PFDA	*85.2*		*40 - 130*
13C7 PFUnA	*84.6*		*40 - 130*
13C2 PFTeDA	*66.3*		*20 - 130*
13C3 PFBS	*85.5*		*40 - 135*
13C3 PFHxS	*86.7*		*40 - 130*
13C8 PFOS	*74.2*		*40 - 130*
13C8 FOSA	*75.1*		*40 - 130*
d3-NMeFOSAA	*61.9*		*40 - 135*
d5-NEtFOSAA	*64.6*		*40 - 150*
13C2 4:2 FTS	*83.7*		*40 - 165*
13C2 6:2 FTS	*94.0*		*40 - 215*
13C2 8:2 FTS	*91.4*		*40 - 275*
13C3 HFPO-DA	*93.1*		*40 - 130*
d7-N-MeFOSE-M	*41.2*		*20 - 130*
d9-N-EtFOSE-M	*34.8*		*15 - 130*
d5-NEtPFOSA	*43.9*		*10 - 130*
d3-NMePFOSA	*50.8*		*10 - 130*
13C2 PFDoA	*75.5*		*40 - 130*

Lab Sample ID: MB 410-711574/1-A
Matrix: Solid
Analysis Batch: 712226

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 711574

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Perfluorobutanoic acid (PFBA)	0.40	U	0.40	0.10	ug/Kg		10/09/25 14:16	10/10/25 15:41	1

Method: 1633A - Per- and Polyfluoroalkyl Substances by LC/MS/MS, 1633A (Continued)

Lab Sample ID: MB 410-711574/1-A
Matrix: Solid
Analysis Batch: 712226

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 711574

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Perfluoropentanoic acid (PFPeA)	0.20	U	0.20	0.10	ug/Kg		10/09/25 14:16	10/10/25 15:41	1
Perfluorohexanoic acid (PFHxA)	0.20	U	0.20	0.10	ug/Kg		10/09/25 14:16	10/10/25 15:41	1
Perfluoroheptanoic acid (PFHpA)	0.20	U	0.20	0.10	ug/Kg		10/09/25 14:16	10/10/25 15:41	1
Perfluorooctanoic acid (PFOA)	0.20	U	0.20	0.060	ug/Kg		10/09/25 14:16	10/10/25 15:41	1
Perfluorononanoic acid (PFNA)	0.20	U	0.20	0.10	ug/Kg		10/09/25 14:16	10/10/25 15:41	1
Perfluorodecanoic acid (PFDA)	0.20	U	0.20	0.060	ug/Kg		10/09/25 14:16	10/10/25 15:41	1
Perfluoroundecanoic acid (PFUnA)	0.20	U	0.20	0.10	ug/Kg		10/09/25 14:16	10/10/25 15:41	1
Perfluorododecanoic acid (PFDoA)	0.20	U	0.20	0.10	ug/Kg		10/09/25 14:16	10/10/25 15:41	1
Perfluorotridecanoic acid (PFTrDA)	0.20	U	0.20	0.10	ug/Kg		10/09/25 14:16	10/10/25 15:41	1
Perfluorotetradecanoic acid (PFTeDA)	0.20	U	0.20	0.10	ug/Kg		10/09/25 14:16	10/10/25 15:41	1
Perfluorobutanesulfonic acid (PFBS)	0.20	U	0.20	0.10	ug/Kg		10/09/25 14:16	10/10/25 15:41	1
Perfluoropentanesulfonic acid (PFPeS)	0.20	U	0.20	0.10	ug/Kg		10/09/25 14:16	10/10/25 15:41	1
Perfluorohexanesulfonic acid (PFHxS)	0.20	U	0.20	0.10	ug/Kg		10/09/25 14:16	10/10/25 15:41	1
Perfluoroheptanesulfonic acid (PFHpS)	0.20	U	0.20	0.10	ug/Kg		10/09/25 14:16	10/10/25 15:41	1
Perfluorooctanesulfonic acid (PFOS)	0.20	U	0.20	0.10	ug/Kg		10/09/25 14:16	10/10/25 15:41	1
Perfluorononanesulfonic acid (PFNS)	0.20	U	0.20	0.10	ug/Kg		10/09/25 14:16	10/10/25 15:41	1
Perfluorodecanesulfonic acid (PFDS)	0.20	U	0.20	0.10	ug/Kg		10/09/25 14:16	10/10/25 15:41	1
Perfluorododecanesulfonic acid (PFDoS)	0.20	U	0.20	0.10	ug/Kg		10/09/25 14:16	10/10/25 15:41	1
1H,1H,2H,2H-Perfluorohexane sulfonic acid (4:2 FTS)	0.40	U	0.40	0.20	ug/Kg		10/09/25 14:16	10/10/25 15:41	1
1H,1H,2H,2H-Perfluorooctane sulfonic acid (6:2 FTS)	0.40	U	0.40	0.20	ug/Kg		10/09/25 14:16	10/10/25 15:41	1
1H,1H,2H,2H-Perfluorodecane sulfonic acid (8:2 FTS)	0.40	U	0.40	0.20	ug/Kg		10/09/25 14:16	10/10/25 15:41	1
Perfluorooctanesulfonamide (PFOSA)	0.20	U	0.20	0.10	ug/Kg		10/09/25 14:16	10/10/25 15:41	1
N-methylperfluorooctane sulfonamide (NMeFOSA)	0.20	U	0.20	0.10	ug/Kg		10/09/25 14:16	10/10/25 15:41	1
N-ethylperfluorooctane sulfonamide (NEtFOSA)	0.20	U	0.20	0.10	ug/Kg		10/09/25 14:16	10/10/25 15:41	1
N-methylperfluorooctanesulfonamidoacetic acid (NMeFOSAA)	0.20	U	0.20	0.10	ug/Kg		10/09/25 14:16	10/10/25 15:41	1
N-ethylperfluorooctanesulfonamidoacetic acid (NEtFOSAA)	0.20	U	0.20	0.10	ug/Kg		10/09/25 14:16	10/10/25 15:41	1
N-methylperfluorooctane sulfonamidoethanol (NMeFOSE)	1.00	U	1.00	0.50	ug/Kg		10/09/25 14:16	10/10/25 15:41	1
N-ethylperfluorooctane sulfonamidoethanol (NEtFOSE)	1.00	U	1.00	0.50	ug/Kg		10/09/25 14:16	10/10/25 15:41	1
Hexafluoropropylene Oxide Dimer Acid (HFPO-DA)	0.20	U	0.20	0.10	ug/Kg		10/09/25 14:16	10/10/25 15:41	1
4,8-Dioxa-3H-perfluorononanoic acid (ADONA)	0.20	U	0.20	0.10	ug/Kg		10/09/25 14:16	10/10/25 15:41	1
Perfluoro-3-methoxypropanoic acid (PFMPA)	0.20	U	0.20	0.10	ug/Kg		10/09/25 14:16	10/10/25 15:41	1
Perfluoro-4-methoxybutanoic acid (PFMBA)	0.20	U	0.20	0.10	ug/Kg		10/09/25 14:16	10/10/25 15:41	1
Nonafluoro-3,6-dioxaheptanoic acid (NFDHA)	0.20	U	0.20	0.10	ug/Kg		10/09/25 14:16	10/10/25 15:41	1
9-Chlorohexadecafluoro-3-oxanonane-1-sulfonic acid (9Cl-PF3ONS)	0.20	U	0.20	0.10	ug/Kg		10/09/25 14:16	10/10/25 15:41	1

Method: 1633A - Per- and Polyfluoroalkyl Substances by LC/MS/MS, 1633A (Continued)

Lab Sample ID: MB 410-711574/1-A
Matrix: Solid
Analysis Batch: 712226

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 711574

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
11-Chloroeicosafluoro-3-oxaundecane-1-sulfonic acid (11Cl-PF3OUdS)	0.20	U	0.20	0.10	ug/Kg		10/09/25 14:16	10/10/25 15:41	1
Perfluoro (2-ethoxyethane) sulfonic acid (PFEESA)	0.20	U	0.20	0.10	ug/Kg		10/09/25 14:16	10/10/25 15:41	1
3-Perfluoropropylpropanoic acid (3:3 FTCA)	0.40	U	0.40	0.20	ug/Kg		10/09/25 14:16	10/10/25 15:41	1
3-Perfluoropentylpropanoic acid (5:3 FTCA)	1.00	U	1.00	0.50	ug/Kg		10/09/25 14:16	10/10/25 15:41	1
3-Perfluoroheptylpropanoic acid (7:3 FTCA)	1.00	U	1.00	0.50	ug/Kg		10/09/25 14:16	10/10/25 15:41	1

Isotope Dilution	*MB %Recovery*	*MB Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
13C4 PFBA	*95.6*		*8 - 130*	*10/09/25 14:16*	*10/10/25 15:41*	*1*
13C5 PFPeA	*101*		*35 - 130*	*10/09/25 14:16*	*10/10/25 15:41*	*1*
13C5 PFHxA	*97.7*		*40 - 130*	*10/09/25 14:16*	*10/10/25 15:41*	*1*
13C4 PFHpA	*109*		*40 - 130*	*10/09/25 14:16*	*10/10/25 15:41*	*1*
13C8 PFOA	*97.7*		*40 - 130*	*10/09/25 14:16*	*10/10/25 15:41*	*1*
13C9 PFNA	*95.9*		*40 - 130*	*10/09/25 14:16*	*10/10/25 15:41*	*1*
13C6 PFDA	*91.2*		*40 - 130*	*10/09/25 14:16*	*10/10/25 15:41*	*1*
13C7 PFUnA	*82.9*		*40 - 130*	*10/09/25 14:16*	*10/10/25 15:41*	*1*
13C2 PFTeDA	*55.5*		*20 - 130*	*10/09/25 14:16*	*10/10/25 15:41*	*1*
13C3 PFBS	*93.4*		*40 - 135*	*10/09/25 14:16*	*10/10/25 15:41*	*1*
13C3 PFHxS	*95.6*		*40 - 130*	*10/09/25 14:16*	*10/10/25 15:41*	*1*
13C8 PFOS	*91.7*		*40 - 130*	*10/09/25 14:16*	*10/10/25 15:41*	*1*
13C8 FOSA	*78.8*		*40 - 130*	*10/09/25 14:16*	*10/10/25 15:41*	*1*
d3-NMeFOSAA	*62.0*		*40 - 135*	*10/09/25 14:16*	*10/10/25 15:41*	*1*
d5-NEtFOSAA	*68.3*		*40 - 150*	*10/09/25 14:16*	*10/10/25 15:41*	*1*
13C2 4:2 FTS	*91.6*		*40 - 165*	*10/09/25 14:16*	*10/10/25 15:41*	*1*
13C2 6:2 FTS	*92.8*		*40 - 215*	*10/09/25 14:16*	*10/10/25 15:41*	*1*
13C2 8:2 FTS	*80.4*		*40 - 275*	*10/09/25 14:16*	*10/10/25 15:41*	*1*
13C3 HFPO-DA	*114*		*40 - 130*	*10/09/25 14:16*	*10/10/25 15:41*	*1*
d7-N-MeFOSE-M	*41.4*		*20 - 130*	*10/09/25 14:16*	*10/10/25 15:41*	*1*
d9-N-EtFOSE-M	*35.0*		*15 - 130*	*10/09/25 14:16*	*10/10/25 15:41*	*1*
d5-NEtPFOSA	*56.2*		*10 - 130*	*10/09/25 14:16*	*10/10/25 15:41*	*1*
d3-NMePFOSA	*62.6*		*10 - 130*	*10/09/25 14:16*	*10/10/25 15:41*	*1*
13C2 PFDoA	*78.6*		*40 - 130*	*10/09/25 14:16*	*10/10/25 15:41*	*1*

Lab Sample ID: LCS 410-711574/2-A
Matrix: Solid
Analysis Batch: 712226

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 711574

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
Perfluorobutanoic acid (PFBA)	5.00	4.888		ug/Kg		98	70 - 140
Perfluoropentanoic acid (PFPeA)	2.50	2.728		ug/Kg		109	60 - 150
Perfluorohexanoic acid (PFHxA)	2.50	2.484		ug/Kg		99	65 - 140
Perfluoroheptanoic acid (PFHpA)	2.50	2.408		ug/Kg		96	65 - 145
Perfluorooctanoic acid (PFOA)	2.50	2.411		ug/Kg		96	70 - 150
Perfluorononanoic acid (PFNA)	2.50	2.509		ug/Kg		100	70 - 155
Perfluorodecanoic acid (PFDA)	2.50	2.414		ug/Kg		97	70 - 155

Method: 1633A - Per- and Polyfluoroalkyl Substances by LC/MS/MS, 1633A (Continued)

Lab Sample ID: LCS 410-711574/2-A
Matrix: Solid
Analysis Batch: 712226

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 711574

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
Perfluoroundecanoic acid (PFUnA)	2.50	2.474		ug/Kg		99	70 - 155
Perfluorododecanoic acid (PFDoA)	2.50	2.545		ug/Kg		102	70 - 150
Perfluorotridecanoic acid (PFTrDA)	2.50	2.407		ug/Kg		96	65 - 150
Perfluorotetradecanoic acid (PFTeDA)	2.50	2.637		ug/Kg		105	65 - 150
Perfluorobutanesulfonic acid (PFBS)	2.22	2.138		ug/Kg		96	65 - 145
Perfluoropentanesulfonic acid (PFPeS)	2.35	2.385		ug/Kg		101	55 - 160
Perfluorohexanesulfonic acid (PFHxS)	2.28	2.143		ug/Kg		94	60 - 150
Perfluoroheptanesulfonic acid (PFHpS)	2.39	2.607		ug/Kg		109	65 - 155
Perfluorooctanesulfonic acid (PFOS)	2.33	2.269		ug/Kg		98	65 - 160
Perfluorononanesulfonic acid (PFNS)	2.41	2.354		ug/Kg		98	55 - 140
Perfluorodecanesulfonic acid (PFDS)	2.41	2.254		ug/Kg		94	40 - 155
Perfluorododecanesulfonic acid (PFDoS)	2.43	1.972		ug/Kg		81	25 - 160
1H,1H,2H,2H-Perfluorohexane sulfonic acid (4:2 FTS)	4.69	4.641		ug/Kg		99	60 - 150
1H,1H,2H,2H-Perfluorooctane sulfonic acid (6:2 FTS)	4.76	4.783		ug/Kg		100	55 - 200
1H,1H,2H,2H-Perfluorodecane sulfonic acid (8:2 FTS)	4.80	4.691		ug/Kg		98	70 - 150
Perfluorooctanesulfonamide (PFOSA)	2.50	2.554		ug/Kg		102	70 - 140
N-methylperfluorooctane sulfonamide (NMeFOSA)	2.50	2.527		ug/Kg		101	70 - 155
N-ethylperfluorooctane sulfonamide (NEtFOSA)	2.50	2.638		ug/Kg		106	70 - 140
N-methylperfluorooctanesulfonamidoacetic acid (NMeFOSAA)	2.50	2.997		ug/Kg		120	65 - 155
N-ethylperfluorooctanesulfonamidoacetic acid (NEtFOSAA)	2.50	2.610		ug/Kg		104	65 - 165
N-methylperfluorooctane sulfonamidoethanol (NMeFOSE)	12.5	12.24		ug/Kg		98	70 - 140
N-ethylperfluorooctane sulfonamidoethanol (NEtFOSE)	12.5	12.79		ug/Kg		102	70 - 135
Hexafluoropropylene Oxide Dimer Acid (HFPO-DA)	1.88	1.752		ug/Kg		93	70 - 145
4,8-Dioxa-3H-perfluorononanoic acid (ADONA)	2.37	2.118		ug/Kg		90	70 - 160
Perfluoro-3-methoxypropanoic acid (PFMPA)	2.50	2.572		ug/Kg		103	30 - 140
Perfluoro-4-methoxybutanoic acid (PFMBA)	2.50	2.420		ug/Kg		97	60 - 150
Nonafluoro-3,6-dioxaheptanoic acid (NFDHA)	2.50	2.490		ug/Kg		100	60 - 155

Method: 1633A - Per- and Polyfluoroalkyl Substances by LC/MS/MS, 1633A (Continued)

Lab Sample ID: LCS 410-711574/2-A
Matrix: Solid
Analysis Batch: 712226

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 711574

Analyte			Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits		
9-Chlorohexadecafluoro-3-oxanonane-1-sulfonic acid (9Cl-PF3ONS)			2.34	2.364		ug/Kg		101	70 - 150		
11-Chloroeicosafluoro-3-oxaundecane-1-sulfonic acid (11Cl-PF3OUdS)			2.36	2.179		ug/Kg		92	45 - 160		
Perfluoro (2-ethoxyethane) sulfonic acid (PFEESA)			2.23	2.521		ug/Kg		113	70 - 140		
3-Perfluoropropylpropanoic acid (3:3 FTCA)			5.00	4.077		ug/Kg		82	45 - 130		
3-Perfluoropentylpropanoic acid (5:3 FTCA)			12.5	9.899		ug/Kg		79	60 - 130		
3-Perfluoroheptylpropanoic acid (7:3 FTCA)			12.5	10.16		ug/Kg		81	60 - 150		

Isotope Dilution	*LCS %Recovery*	*LCS Qualifier*	*Limits*
13C4 PFBA	*89.1*		*8 - 130*
13C5 PFPeA	*93.4*		*35 - 130*
13C5 PFHxA	*89.1*		*40 - 130*
13C4 PFHpA	*101*		*40 - 130*
13C8 PFOA	*92.7*		*40 - 130*
13C9 PFNA	*87.5*		*40 - 130*
13C6 PFDA	*92.7*		*40 - 130*
13C7 PFUnA	*85.7*		*40 - 130*
13C2 PFTeDA	*67.4*		*20 - 130*
13C3 PFBS	*90.3*		*40 - 135*
13C3 PFHxS	*89.4*		*40 - 130*
13C8 PFOS	*87.8*		*40 - 130*
13C8 FOSA	*81.6*		*40 - 130*
d3-NMeFOSAA	*68.9*		*40 - 135*
d5-NEtFOSAA	*76.7*		*40 - 150*
13C2 4:2 FTS	*86.1*		*40 - 165*
13C2 6:2 FTS	*85.4*		*40 - 215*
13C2 8:2 FTS	*79.9*		*40 - 275*
13C3 HFPO-DA	*107*		*40 - 130*
d7-N-MeFOSE-M	*50.8*		*20 - 130*
d9-N-EtFOSE-M	*46.4*		*15 - 130*
d5-NEtPFOSA	*72.3*		*10 - 130*
d3-NMePFOSA	*77.7*		*10 - 130*
13C2 PFDoA	*87.1*		*40 - 130*

Lab Sample ID: LCSD 410-711574/3-A
Matrix: Solid
Analysis Batch: 712226

Client Sample ID: Lab Control Sample Dup
Prep Type: Total/NA
Prep Batch: 711574

Analyte			Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Perfluorobutanoic acid (PFBA)			5.00	4.831		ug/Kg		97	70 - 140	1	30
Perfluoropentanoic acid (PFPeA)			2.50	2.759		ug/Kg		110	60 - 150	1	30
Perfluorohexanoic acid (PFHxA)			2.50	2.418		ug/Kg		97	65 - 140	3	30
Perfluoroheptanoic acid (PFHpA)			2.50	2.361		ug/Kg		94	65 - 145	2	30
Perfluorooctanoic acid (PFOA)			2.50	2.476		ug/Kg		99	70 - 150	3	30

Method: 1633A - Per- and Polyfluoroalkyl Substances by LC/MS/MS, 1633A (Continued)

Lab Sample ID: LCSD 410-711574/3-A
Matrix: Solid
Analysis Batch: 712226

Client Sample ID: Lab Control Sample Dup
Prep Type: Total/NA
Prep Batch: 711574

Analyte	Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Perfluorononanoic acid (PFNA)	2.50	2.367		ug/Kg		95	70 - 155	6	30
Perfluorodecanoic acid (PFDA)	2.50	2.329		ug/Kg		93	70 - 155	4	30
Perfluoroundecanoic acid (PFUnA)	2.50	2.363		ug/Kg		95	70 - 155	5	30
Perfluorododecanoic acid (PFDoA)	2.50	2.453		ug/Kg		98	70 - 150	4	30
Perfluorotridecanoic acid (PFTrDA)	2.50	2.412		ug/Kg		96	65 - 150	0	30
Perfluorotetradecanoic acid (PFTeDA)	2.50	2.553		ug/Kg		102	65 - 150	3	30
Perfluorobutanesulfonic acid (PFBS)	2.22	2.110		ug/Kg		95	65 - 145	1	30
Perfluoropentanesulfonic acid (PFPeS)	2.35	2.445		ug/Kg		104	55 - 160	2	30
Perfluorohexanesulfonic acid (PFHxS)	2.28	2.113		ug/Kg		93	60 - 150	1	30
Perfluoroheptanesulfonic acid (PFHpS)	2.39	2.496		ug/Kg		105	65 - 155	4	30
Perfluorooctanesulfonic acid (PFOS)	2.33	2.186		ug/Kg		94	65 - 160	4	30
Perfluorononanesulfonic acid (PFNS)	2.41	2.142		ug/Kg		89	55 - 140	9	30
Perfluorodecanesulfonic acid (PFDS)	2.41	1.964		ug/Kg		82	40 - 155	14	30
Perfluorododecanesulfonic acid (PFDoS)	2.43	1.648		ug/Kg		68	25 - 160	18	30
1H,1H,2H,2H-Perfluorohexane sulfonic acid (4:2 FTS)	4.69	4.399		ug/Kg		94	60 - 150	5	30
1H,1H,2H,2H-Perfluorooctane sulfonic acid (6:2 FTS)	4.76	4.575		ug/Kg		96	55 - 200	4	30
1H,1H,2H,2H-Perfluorodecane sulfonic acid (8:2 FTS)	4.80	4.630		ug/Kg		96	70 - 150	1	30
Perfluorooctanesulfonamide (PFOSA)	2.50	2.544		ug/Kg		102	70 - 140	0	30
N-methylperfluorooctane sulfonamide (NMeFOSA)	2.50	2.526		ug/Kg		101	70 - 155	0	30
N-ethylperfluorooctane sulfonamide (NEtFOSA)	2.50	2.592		ug/Kg		104	70 - 140	2	30
N-methylperfluorooctanesulfonamidoacetic acid (NMeFOSAA)	2.50	2.796		ug/Kg		112	65 - 155	7	30
N-ethylperfluorooctanesulfonamidoacetic acid (NEtFOSAA)	2.50	2.375		ug/Kg		95	65 - 165	9	30
N-methylperfluorooctane sulfonamidoethanol (NMeFOSE)	12.5	11.94		ug/Kg		96	70 - 140	2	30
N-ethylperfluorooctane sulfonamidoethanol (NEtFOSE)	12.5	12.58		ug/Kg		101	70 - 135	2	30
Hexafluoropropylene Oxide Dimer Acid (HFPO-DA)	1.88	1.829		ug/Kg		98	70 - 145	4	30
4,8-Dioxa-3H-perfluorononanoic acid (ADONA)	2.37	2.133		ug/Kg		90	70 - 160	1	30
Perfluoro-3-methoxypropanoic acid (PFMPA)	2.50	2.460		ug/Kg		98	30 - 140	4	30
Perfluoro-4-methoxybutanoic acid (PFMBA)	2.50	2.400		ug/Kg		96	60 - 150	1	30

Method: 1633A - Per- and Polyfluoroalkyl Substances by LC/MS/MS, 1633A (Continued)

Lab Sample ID: LCSD 410-711574/3-A
Matrix: Solid
Analysis Batch: 712226

Client Sample ID: Lab Control Sample Dup
Prep Type: Total/NA
Prep Batch: 711574

Analyte			Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Nonafluoro-3,6-dioxaheptanoic acid (NFDHA)			2.50	2.594		ug/Kg		104	60 - 155	4	30
9-Chlorohexadecafluoro-3-oxanonane-1-sulfonic acid (9Cl-PF3ONS)			2.34	2.164		ug/Kg		93	70 - 150	9	30
11-Chloroeicosafluoro-3-oxaundecane-1-sulfonic acid (11Cl-PF3OUdS)			2.36	1.921		ug/Kg		81	45 - 160	13	30
Perfluoro (2-ethoxyethane) sulfonic acid (PFEESA)			2.23	2.418		ug/Kg		108	70 - 140	4	30
3-Perfluoropropylpropanoic acid (3:3 FTCA)			5.00	4.135		ug/Kg		83	45 - 130	1	30
3-Perfluoropentylpropanoic acid (5:3 FTCA)			12.5	9.423		ug/Kg		75	60 - 130	5	30
3-Perfluoroheptylpropanoic acid (7:3 FTCA)			12.5	9.666		ug/Kg		77	60 - 150	5	30

Isotope Dilution	*LCSD %Recovery*	*LCSD Qualifier*	*Limits*
13C4 PFBA	*90.6*		*8 - 130*
13C5 PFPeA	*94.4*		*35 - 130*
13C5 PFHxA	*92.5*		*40 - 130*
13C4 PFHpA	*99.4*		*40 - 130*
13C8 PFOA	*89.3*		*40 - 130*
13C9 PFNA	*89.3*		*40 - 130*
13C6 PFDA	*87.9*		*40 - 130*
13C7 PFUnA	*75.4*		*40 - 130*
13C2 PFTeDA	*57.7*		*20 - 130*
13C3 PFBS	*89.5*		*40 - 135*
13C3 PFHxS	*86.7*		*40 - 130*
13C8 PFOS	*82.4*		*40 - 130*
13C8 FOSA	*74.3*		*40 - 130*
d3-NMeFOSAA	*61.6*		*40 - 135*
d5-NEtFOSAA	*65.7*		*40 - 150*
13C2 4:2 FTS	*84.5*		*40 - 165*
13C2 6:2 FTS	*84.9*		*40 - 215*
13C2 8:2 FTS	*75.6*		*40 - 275*
13C3 HFPO-DA	*102*		*40 - 130*
d7-N-MeFOSE-M	*42.7*		*20 - 130*
d9-N-EtFOSE-M	*37.9*		*15 - 130*
d5-NEtPFOSA	*50.0*		*10 - 130*
d3-NMePFOSA	*57.1*		*10 - 130*
13C2 PFDoA	*74.0*		*40 - 130*

Lab Sample ID: LLCS 410-711574/4-A
Matrix: Solid
Analysis Batch: 712226

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 711574

Analyte			Spike Added	LLCS Result	LLCS Qualifier	Unit	D	%Rec	%Rec Limits
Perfluorobutanoic acid (PFBA)			0.500	0.437		ug/Kg		87	70 - 140
Perfluoropentanoic acid (PFPeA)			0.250	0.245		ug/Kg		98	60 - 150
Perfluorohexanoic acid (PFHxA)			0.250	0.221		ug/Kg		88	65 - 140

Method: 1633A - Per- and Polyfluoroalkyl Substances by LC/MS/MS, 1633A (Continued)

Lab Sample ID: LLCS 410-711574/4-A
Matrix: Solid
Analysis Batch: 712226

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 711574

Analyte	Spike Added	LLCS Result	LLCS Qualifier	Unit	D	%Rec	%Rec Limits
Perfluoroheptanoic acid (PFHpA)	0.250	0.230		ug/Kg		92	65 - 145
Perfluorooctanoic acid (PFOA)	0.250	0.240		ug/Kg		96	70 - 150
Perfluorononanoic acid (PFNA)	0.250	0.255		ug/Kg		102	70 - 155
Perfluorodecanoic acid (PFDA)	0.250	0.242		ug/Kg		97	70 - 155
Perfluoroundecanoic acid (PFUnA)	0.250	0.233		ug/Kg		93	70 - 155
Perfluorododecanoic acid (PFDoA)	0.250	0.221		ug/Kg		88	70 - 150
Perfluorotridecanoic acid (PFTrDA)	0.250	0.215		ug/Kg		86	65 - 150
Perfluorotetradecanoic acid (PFTeDA)	0.250	0.242		ug/Kg		97	65 - 150
Perfluorobutanesulfonic acid (PFBS)	0.222	0.193	J	ug/Kg		87	65 - 145
Perfluoropentanesulfonic acid (PFPeS)	0.235	0.200		ug/Kg		85	55 - 160
Perfluorohexanesulfonic acid (PFHxS)	0.228	0.204		ug/Kg		90	60 - 150
Perfluoroheptanesulfonic acid (PFHpS)	0.239	0.246		ug/Kg		103	65 - 155
Perfluorooctanesulfonic acid (PFOS)	0.233	0.221		ug/Kg		95	65 - 160
Perfluorononanesulfonic acid (PFNS)	0.241	0.191	J	ug/Kg		79	55 - 140
Perfluorodecanesulfonic acid (PFDS)	0.241	0.174	J	ug/Kg		72	40 - 155
Perfluorododecanesulfonic acid (PFDoS)	0.243	0.136	J	ug/Kg		56	25 - 160
1H,1H,2H,2H-Perfluorohexane sulfonic acid (4:2 FTS)	0.469	0.428		ug/Kg		91	60 - 150
1H,1H,2H,2H-Perfluorooctane sulfonic acid (6:2 FTS)	0.476	0.429		ug/Kg		90	55 - 200
1H,1H,2H,2H-Perfluorodecane sulfonic acid (8:2 FTS)	0.480	0.424		ug/Kg		88	70 - 150
Perfluorooctanesulfonamide (PFOSA)	0.250	0.260		ug/Kg		104	70 - 140
N-methylperfluorooctane sulfonamide (NMeFOSA)	0.250	0.245		ug/Kg		98	70 - 155
N-ethylperfluorooctane sulfonamide (NEtFOSA)	0.250	0.275		ug/Kg		110	70 - 140
N-methylperfluorooctanesulfonamidoacetic acid (NMeFOSAA)	0.250	0.211		ug/Kg		84	65 - 155
N-ethylperfluorooctanesulfonamidoacetic acid (NEtFOSAA)	0.250	0.231		ug/Kg		92	65 - 165
N-methylperfluorooctane sulfonamidoethanol (NMeFOSE)	1.25	1.292		ug/Kg		103	70 - 140
N-ethylperfluorooctane sulfonamidoethanol (NEtFOSE)	1.25	1.357		ug/Kg		109	70 - 135
Hexafluoropropylene Oxide Dimer Acid (HFPO-DA)	0.188	0.163	J	ug/Kg		87	70 - 145
4,8-Dioxa-3H-perfluorononanoic acid (ADONA)	0.237	0.213		ug/Kg		90	70 - 160
Perfluoro-3-methoxypropanoic acid (PFMPA)	0.250	0.214		ug/Kg		86	30 - 140

Method: 1633A - Per- and Polyfluoroalkyl Substances by LC/MS/MS, 1633A (Continued)

Lab Sample ID: LLCS 410-711574/4-A
Matrix: Solid
Analysis Batch: 712226

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 711574

Analyte			Spike Added	LLCS Result	LLCS Qualifier	Unit	D	%Rec	%Rec Limits		
Perfluoro-4-methoxybutanoic acid (PFMBA)			0.250	0.216		ug/Kg		86	60 - 150		
Nonafluoro-3,6-dioxaheptanoic acid (NFDHA)			0.250	0.246		ug/Kg		98	60 - 155		
9-Chlorohexadecafluoro-3-oxanonane-1-sulfonic acid (9Cl-PF3ONS)			0.234	0.215		ug/Kg		92	70 - 150		
11-Chloroeicosafluoro-3-oxaundecane-1-sulfonic acid (11Cl-PF3OUdS)			0.236	0.171	J	ug/Kg		72	45 - 160		
Perfluoro (2-ethoxyethane) sulfonic acid (PFEESA)			0.223	0.217		ug/Kg		97	70 - 140		
3-Perfluoropropylpropanoic acid (3:3 FTCA)			0.500	0.323	J	ug/Kg		65	45 - 130		
3-Perfluoropentylpropanoic acid (5:3 FTCA)			1.25	1.032		ug/Kg		83	60 - 130		
3-Perfluoroheptylpropanoic acid (7:3 FTCA)			1.25	1.003		ug/Kg		80	60 - 150		

Isotope Dilution	*LLCS %Recovery*	*LLCS Qualifier*	*Limits*
13C4 PFBA	*88.0*		*8 - 130*
13C5 PFPeA	*93.8*		*35 - 130*
13C5 PFHxA	*88.8*		*40 - 130*
13C4 PFHpA	*97.6*		*40 - 130*
13C8 PFOA	*84.8*		*40 - 130*
13C9 PFNA	*85.4*		*40 - 130*
13C6 PFDA	*84.4*		*40 - 130*
13C7 PFUnA	*75.6*		*40 - 130*
13C2 PFTeDA	*52.8*		*20 - 130*
13C3 PFBS	*87.9*		*40 - 135*
13C3 PFHxS	*85.8*		*40 - 130*
13C8 PFOS	*83.3*		*40 - 130*
13C8 FOSA	*74.9*		*40 - 130*
d3-NMeFOSAA	*58.4*		*40 - 135*
d5-NEtFOSAA	*61.8*		*40 - 150*
13C2 4:2 FTS	*85.7*		*40 - 165*
13C2 6:2 FTS	*91.8*		*40 - 215*
13C2 8:2 FTS	*78.2*		*40 - 275*
13C3 HFPO-DA	*103*		*40 - 130*
d7-N-MeFOSE-M	*40.9*		*20 - 130*
d9-N-EtFOSE-M	*35.7*		*15 - 130*
d5-NEtPFOSA	*50.8*		*10 - 130*
d3-NMePFOSA	*59.0*		*10 - 130*
13C2 PFDoA	*69.1*		*40 - 130*

Method: 6020B - Metals (ICP/MS)

Lab Sample ID: MB 460-1067707/1-A
Matrix: Solid
Analysis Batch: 1067831

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 1067707

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Aluminum	20.0	U	20.0	5.5	mg/Kg		10/11/25 20:55	10/12/25 14:09	1
Antimony	1.0	U	1.0	0.15	mg/Kg		10/11/25 20:55	10/12/25 14:09	1
Arsenic	1.0	U	1.0	0.10	mg/Kg		10/11/25 20:55	10/12/25 14:09	1
Barium	2.0	U	2.0	0.15	mg/Kg		10/11/25 20:55	10/12/25 14:09	1
Beryllium	0.40	U	0.40	0.022	mg/Kg		10/11/25 20:55	10/12/25 14:09	1
Cadmium	1.0	U	1.0	0.11	mg/Kg		10/11/25 20:55	10/12/25 14:09	1
Calcium	100	U	100	9.7	mg/Kg		10/11/25 20:55	10/12/25 14:09	1
Chromium	2.0	U	2.0	0.30	mg/Kg		10/11/25 20:55	10/12/25 14:09	1
Cobalt	1.0	U	1.0	0.15	mg/Kg		10/11/25 20:55	10/12/25 14:09	1
Copper	2.0	U	2.0	0.37	mg/Kg		10/11/25 20:55	10/12/25 14:09	1
Iron	60.0	U	60.0	7.7	mg/Kg		10/11/25 20:55	10/12/25 14:09	1
Lead	0.60	U	0.60	0.20	mg/Kg		10/11/25 20:55	10/12/25 14:09	1
Magnesium	100	U	100	10.2	mg/Kg		10/11/25 20:55	10/12/25 14:09	1
Manganese	4.0	U	4.0	0.40	mg/Kg		10/11/25 20:55	10/12/25 14:09	1
Nickel	2.0	U	2.0	0.18	mg/Kg		10/11/25 20:55	10/12/25 14:09	1
Potassium	100	U	100	16.2	mg/Kg		10/11/25 20:55	10/12/25 14:09	1
Selenium	1.3	U	1.3	0.13	mg/Kg		10/11/25 20:55	10/12/25 14:09	1
Silver	0.40	U	0.40	0.089	mg/Kg		10/11/25 20:55	10/12/25 14:09	1
Sodium	100	U	100	45.7	mg/Kg		10/11/25 20:55	10/12/25 14:09	1
Thallium	0.40	U	0.40	0.041	mg/Kg		10/11/25 20:55	10/12/25 14:09	1
Vanadium	2.0	U	2.0	0.21	mg/Kg		10/11/25 20:55	10/12/25 14:09	1
Zinc	8.0	U	8.0	1.1	mg/Kg		10/11/25 20:55	10/12/25 14:09	1

Lab Sample ID: LCSSRM 460-1067707/2-A
Matrix: Solid
Analysis Batch: 1067831

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 1067707

Analyte	Spike Added	LCSSRM Result	LCSSRM Qualifier	Unit	D	%Rec	%Rec Limits
Aluminum	6840	5985		mg/Kg		87.5	53.2 - 146.2
Antimony	131	75.06		mg/Kg		57.3	4.5 - 195.4
Arsenic	192	190.7		mg/Kg		99.3	81.3 - 118.8
Barium	219	220.0		mg/Kg		100.5	81.7 - 118.3
Beryllium	146	142.3		mg/Kg		97.5	82.2 - 117.8
Cadmium	114	118.1		mg/Kg		103.6	81.7 - 118.4
Calcium	4080	4143		mg/Kg		101.5	82.4 - 117.6
Chromium	153	157.5		mg/Kg		103.0	81.0 - 119.0
Cobalt	231	239.2		mg/Kg		103.6	83.1 - 117.3
Copper	91.2	92.64		mg/Kg		101.6	83.1 - 117.3
Iron	7020	6121		mg/Kg		87.2	60.7 - 139.2
Lead	141	137.7		mg/Kg		97.6	81.6 - 118.4

Method: 6020B - Metals (ICP/MS) (Continued)

Lab Sample ID: LCSSRM 460-1067707/2-A
Matrix: Solid
Analysis Batch: 1067831

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 1067707

Analyte			Spike Added	LCSSRM Result	LCSSRM Qualifier	Unit	D	%Rec	%Rec Limits		
Magnesium			1900	1789		mg/Kg		94.2	76.3 - 123.7		
Manganese			401	396.5		mg/Kg		98.9	80.8 - 119.0		
Nickel			143	152.6		mg/Kg		106.7	81.8 - 118.9		
Potassium			1760	1604		mg/Kg		91.2	72.2 - 127.8		
Selenium			94.7	95.47		mg/Kg		100.8	78.5 - 121.4		
Silver			77.0	76.73		mg/Kg		99.6	79.4 - 120.6		
Sodium			661	713.1		mg/Kg		107.9	73.7 - 126.2		
Thallium			183	191.9		mg/Kg		104.9	80.3 - 119.7		
Vanadium			159	158.3		mg/Kg		99.6	78.6 - 122.0		
Zinc			292	297.0		mg/Kg		101.7	79.8 - 120.2		

Lab Sample ID: 460-336638-A-15-C MS
Matrix: Solid
Analysis Batch: 1067831

Client Sample ID: Matrix Spike
Prep Type: Total/NA
Prep Batch: 1067707

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec Limits		
Aluminum	14500		426	17240	4	mg/Kg	☼	650	75 - 125		
Antimony	1.2	J	4.26	5.36		mg/Kg	☼	97	75 - 125		
Arsenic	38.4		8.52	47.59	4	mg/Kg	☼	108	75 - 125		
Barium	58.0		8.52	70.68	4	mg/Kg	☼	149	75 - 125		
Beryllium	1.2	J	4.26	5.23		mg/Kg	☼	94	75 - 125		
Cadmium	4.4	U	4.26	4.58		mg/Kg	☼	107	75 - 125		
Calcium	2000		426	2537	4	mg/Kg	☼	127	75 - 125		
Chromium	62.8		8.52	75.56	4	mg/Kg	☼	150	75 - 125		
Cobalt	8.6		4.26	13.56		mg/Kg	☼	117	75 - 125		
Copper	13.1		8.52	21.53		mg/Kg	☼	99	75 - 125		
Iron	76800		426	84070	4	mg/Kg	☼	1709	75 - 125		
Lead	56.1		4.26	57.93	4	mg/Kg	☼	44	75 - 125		
Magnesium	2500		426	3293	4	mg/Kg	☼	187	75 - 125		
Manganese	370		42.6	429.4	4	mg/Kg	☼	140	75 - 125		
Nickel	15.7		8.52	26.18		mg/Kg	☼	123	75 - 125		
Potassium	5170		426	6213	4	mg/Kg	☼	244	75 - 125		
Selenium	0.66	J	8.52	8.75		mg/Kg	☼	95	75 - 125		
Silver	1.8	U	4.26	4.31		mg/Kg	☼	101	75 - 125		
Sodium	443	U	426	489.1		mg/Kg	☼	115	75 - 125		
Thallium	1.8	U	3.41	3.55		mg/Kg	☼	104	75 - 125		
Vanadium	151		8.52	172.7	4	mg/Kg	☼	255	75 - 125		
Zinc	103		42.6	149.6		mg/Kg	☼	110	75 - 125		

Method: 6020B - Metals (ICP/MS) (Continued)

Lab Sample ID: 460-336638-A-15-B DU
Matrix: Solid
Analysis Batch: 1067831

Client Sample ID: Duplicate
Prep Type: Total/NA
Prep Batch: 1067707

Analyte	Sample Result	Sample Qualifier	DU Result	DU Qualifier	Unit	D	RPD	RPD Limit
Aluminum	14500		14710		mg/Kg	☼	2	20
Antimony	1.2	J	1.16	J	mg/Kg	☼	5	20
Arsenic	38.4		38.74		mg/Kg	☼	1	20
Barium	58.0		58.85		mg/Kg	☼	1	20
Beryllium	1.2	J	1.28	J	mg/Kg	☼	3	20
Cadmium	4.4	U	4.4	U	mg/Kg	☼	NC	20
Calcium	2000		1945		mg/Kg	☼	3	20
Chromium	62.8		62.55		mg/Kg	☼	0.3	20
Cobalt	8.6		8.60		mg/Kg	☼	0.3	20
Copper	13.1		13.00		mg/Kg	☼	0.8	20
Iron	76800		76760		mg/Kg	☼	0.05	20
Lead	56.1		54.75		mg/Kg	☼	2	20
Magnesium	2500		2520		mg/Kg	☼	0.9	20
Manganese	370		371.7		mg/Kg	☼	0.5	20
Nickel	15.7		15.77		mg/Kg	☼	0.4	20
Potassium	5170		5263		mg/Kg	☼	2	20
Selenium	0.66	J	0.755	J	mg/Kg	☼	13	20
Silver	1.8	U	1.8	U	mg/Kg	☼	NC	20
Sodium	443	U	443	U	mg/Kg	☼	NC	20
Thallium	1.8	U	1.8	U	mg/Kg	☼	NC	20
Vanadium	151		154.2		mg/Kg	☼	2	20
Zinc	103		103.2		mg/Kg	☼	0.6	20

Lab Sample ID: MB 460-1067708/1-A
Matrix: Solid
Analysis Batch: 1067831

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 1067708

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Aluminum	20.0	U	20.0	5.5	mg/Kg		10/11/25 20:55	10/12/25 12:40	1
Antimony	1.0	U	1.0	0.15	mg/Kg		10/11/25 20:55	10/12/25 12:40	1
Arsenic	1.0	U	1.0	0.10	mg/Kg		10/11/25 20:55	10/12/25 12:40	1
Barium	2.0	U	2.0	0.15	mg/Kg		10/11/25 20:55	10/12/25 12:40	1
Beryllium	0.40	U	0.40	0.022	mg/Kg		10/11/25 20:55	10/12/25 12:40	1
Cadmium	1.0	U	1.0	0.11	mg/Kg		10/11/25 20:55	10/12/25 12:40	1
Calcium	100	U	100	9.7	mg/Kg		10/11/25 20:55	10/12/25 12:40	1
Chromium	2.0	U	2.0	0.30	mg/Kg		10/11/25 20:55	10/12/25 12:40	1
Cobalt	1.0	U	1.0	0.15	mg/Kg		10/11/25 20:55	10/12/25 12:40	1
Copper	2.0	U	2.0	0.37	mg/Kg		10/11/25 20:55	10/12/25 12:40	1
Iron	60.0	U	60.0	7.7	mg/Kg		10/11/25 20:55	10/12/25 12:40	1
Lead	0.60	U	0.60	0.20	mg/Kg		10/11/25 20:55	10/12/25 12:40	1
Magnesium	100	U	100	10.2	mg/Kg		10/11/25 20:55	10/12/25 12:40	1
Manganese	4.0	U	4.0	0.40	mg/Kg		10/11/25 20:55	10/12/25 12:40	1
Nickel	2.0	U	2.0	0.18	mg/Kg		10/11/25 20:55	10/12/25 12:40	1
Potassium	100	U	100	16.2	mg/Kg		10/11/25 20:55	10/12/25 12:40	1
Selenium	1.3	U	1.3	0.13	mg/Kg		10/11/25 20:55	10/12/25 12:40	1
Silver	0.40	U	0.40	0.089	mg/Kg		10/11/25 20:55	10/12/25 12:40	1
Sodium	100	U	100	45.7	mg/Kg		10/11/25 20:55	10/12/25 12:40	1
Thallium	0.40	U	0.40	0.041	mg/Kg		10/11/25 20:55	10/12/25 12:40	1
Vanadium	2.0	U	2.0	0.21	mg/Kg		10/11/25 20:55	10/12/25 12:40	1

Method: 6020B - Metals (ICP/MS) (Continued)

Lab Sample ID: MB 460-1067708/1-A
Matrix: Solid
Analysis Batch: 1067831

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 1067708

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Zinc	8.0	U	8.0	1.1	mg/Kg		10/11/25 20:55	10/12/25 12:40	1

Lab Sample ID: LCSSRM 460-1067708/2-A
Matrix: Solid
Analysis Batch: 1067831

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 1067708

Analyte	Spike Added	LCSSRM Result	LCSSRM Qualifier	Unit	D	%Rec	%Rec Limits
Aluminum	6840	6168		mg/Kg		90.2	53.2 - 146.2
Antimony	131	82.20		mg/Kg		62.7	4.5 - 195.4
Arsenic	192	210.3		mg/Kg		109.5	81.3 - 118.8
Barium	219	248.8		mg/Kg		113.6	81.7 - 118.3
Beryllium	146	148.8		mg/Kg		101.9	82.2 - 117.8
Cadmium	114	128.9		mg/Kg		113.0	81.7 - 118.4
Calcium	4080	4318		mg/Kg		105.8	82.4 - 117.6
Chromium	153	172.3		mg/Kg		112.6	81.0 - 119.0
Cobalt	231	260.9		mg/Kg		112.9	83.1 - 117.3
Copper	91.2	101.7		mg/Kg		111.5	83.1 - 117.3
Iron	7020	6425		mg/Kg		91.5	60.7 - 139.2
Lead	141	146.9		mg/Kg		104.2	81.6 - 118.4
Magnesium	1900	1872		mg/Kg		98.5	76.3 - 123.7
Manganese	401	441.6		mg/Kg		110.1	80.8 - 119.0
Nickel	143	167.2		mg/Kg		116.9	81.8 - 118.9
Potassium	1760	1668		mg/Kg		94.8	72.2 - 127.8
Selenium	94.7	104.5		mg/Kg		110.3	78.5 - 121.4
Silver	77.0	82.56		mg/Kg		107.2	79.4 - 120.6
Sodium	661	729.8		mg/Kg		110.4	73.7 - 126.2
Thallium	183	213.0		mg/Kg		116.4	80.3 - 119.7
Vanadium	159	171.2		mg/Kg		107.7	78.6 - 122.0
Zinc	292	327.7		mg/Kg		112.2	79.8 - 120.2

Method: 6020B - Metals (ICP/MS) (Continued)

Lab Sample ID: 460-336648-5 MS
Matrix: Solid
Analysis Batch: 1067831

Client Sample ID: 44C_0-4
Prep Type: Total/NA
Prep Batch: 1067708

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec Limits
Aluminum	6960		402	8668	4	mg/Kg	☼	424	75 - 125
Antimony	2.5		4.02	6.75		mg/Kg	☼	106	75 - 125
Arsenic	8.9		8.04	17.88		mg/Kg	☼	112	75 - 125
Barium	36.2		8.04	46.09	4	mg/Kg	☼	123	75 - 125
Beryllium	0.55		4.02	4.21		mg/Kg	☼	91	75 - 125
Cadmium	0.23	J	4.02	4.33		mg/Kg	☼	102	75 - 125
Calcium	3140		402	2218	4	mg/Kg	☼	-229	75 - 125
Chromium	32.4		8.04	47.03	4	mg/Kg	☼	182	75 - 125
Cobalt	6.7		4.02	11.25		mg/Kg	☼	114	75 - 125
Copper	53.0		8.04	62.15	4	mg/Kg	☼	113	75 - 125
Iron	19700		402	22940	4	mg/Kg	☼	801	75 - 125
Lead	96.0		4.02	112.9	4	mg/Kg	☼	420	75 - 125
Magnesium	3030		402	2900	4	mg/Kg	☼	-32	75 - 125
Manganese	175		40.2	220.5	4	mg/Kg	☼	114	75 - 125
Nickel	21.4		8.04	28.21		mg/Kg	☼	85	75 - 125
Potassium	1440		402	2135	N	mg/Kg	☼	172	75 - 125
Selenium	0.53	J	8.04	8.14		mg/Kg	☼	95	75 - 125
Silver	0.28	J	4.02	4.40		mg/Kg	☼	103	75 - 125
Sodium	75.5	J	402	485.6		mg/Kg	☼	102	75 - 125
Thallium	0.071	J	3.22	3.33		mg/Kg	☼	101	75 - 125
Vanadium	26.6		8.04	37.98	N	mg/Kg	☼	141	75 - 125
Zinc	114		40.2	150.1		mg/Kg	☼	89	75 - 125

Lab Sample ID: 460-336648-5 DU
Matrix: Solid
Analysis Batch: 1067831

Client Sample ID: 44C_0-4
Prep Type: Total/NA
Prep Batch: 1067708

Analyte	Sample Result	Sample Qualifier	DU Result	DU Qualifier	Unit	D	RPD	RPD Limit
Aluminum	6960		7503		mg/Kg	☼	7	20
Antimony	2.5		2.58		mg/Kg	☼	4	20
Arsenic	8.9		9.97		mg/Kg	☼	11	20
Barium	36.2		39.53		mg/Kg	☼	9	20
Beryllium	0.55		0.787		mg/Kg	☼	36	20
Cadmium	0.23	J	0.250	J	mg/Kg	☼	9	20
Calcium	3140		2609		mg/Kg	☼	18	20
Chromium	32.4		35.38		mg/Kg	☼	9	20
Cobalt	6.7		7.96		mg/Kg	☼	17	20
Copper	53.0		65.90	*	mg/Kg	☼	22	20
Iron	19700		22410		mg/Kg	☼	13	20
Lead	96.0		123.9	*	mg/Kg	☼	25	20
Magnesium	3030		3042		mg/Kg	☼	0.4	20
Manganese	175		194.4		mg/Kg	☼	11	20
Nickel	21.4		28.39	*	mg/Kg	☼	28	20
Potassium	1440		1550		mg/Kg	☼	7	20
Selenium	0.53	J	0.572	J	mg/Kg	☼	7	20
Silver	0.28	J	0.295	J	mg/Kg	☼	6	20
Sodium	75.5	J	100.5		mg/Kg	☼	28	20
Thallium	0.071	J	0.0829	J	mg/Kg	☼	16	20
Vanadium	26.6		28.61		mg/Kg	☼	7	20

Method: 6020B - Metals (ICP/MS) (Continued)

Lab Sample ID: 460-336648-5 DU
Matrix: Solid
Analysis Batch: 1067831

Client Sample ID: 44C_0-4
Prep Type: Total/NA
Prep Batch: 1067708

Analyte	Sample Result	Sample Qualifier	DU Result	DU Qualifier	Unit	D	RPD	RPD Limit
Zinc	114		134.1		mg/Kg	☼	16	20

Method: 7471B - Mercury (CVAA)

Lab Sample ID: MB 460-1068633/10-A
Matrix: Solid
Analysis Batch: 1068757

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 1068633

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	0.017	U	0.017	0.0080	mg/Kg		10/16/25 01:19	10/16/25 06:28	1

Lab Sample ID: LCSSRM 460-1068633/11-A
Matrix: Solid
Analysis Batch: 1068757

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 1068633

Analyte	Spike Added	LCSSRM Result	LCSSRM Qualifier	Unit	D	%Rec	%Rec Limits
Mercury	14.1	15.35		mg/Kg		108.8	69.6 - 130.5

Lab Sample ID: 460-336657-A-12-G MS
Matrix: Solid
Analysis Batch: 1068757

Client Sample ID: Matrix Spike
Prep Type: Total/NA
Prep Batch: 1068633

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec Limits
Mercury	0.043		0.0894	0.129		mg/Kg	☼	95	80 - 120

Lab Sample ID: 460-336657-A-12-H MSD
Matrix: Solid
Analysis Batch: 1068757

Client Sample ID: Matrix Spike Duplicate
Prep Type: Total/NA
Prep Batch: 1068633

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Mercury	0.043		0.0894	0.138		mg/Kg	☼	106	80 - 120	7	20

Lab Sample ID: 460-336657-A-12-F DU
Matrix: Solid
Analysis Batch: 1068757

Client Sample ID: Duplicate
Prep Type: Total/NA
Prep Batch: 1068633

Analyte	Sample Result	Sample Qualifier	DU Result	DU Qualifier	Unit	D	RPD	RPD Limit
Mercury	0.043		0.0466		mg/Kg	☼	7	20

Lab Sample ID: MB 460-1068634/1-A
Matrix: Solid
Analysis Batch: 1068757

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 1068634

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	0.017	U	0.017	0.0080	mg/Kg		10/16/25 01:43	10/16/25 07:54	1

Method: 7471B - Mercury (CVAA) (Continued)

Lab Sample ID: LCSSRM 460-1068634/2-A
Matrix: Solid
Analysis Batch: 1068757

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 1068634

Analyte			Spike Added	LCSSRM Result	LCSSRM Qualifier	Unit	D	%Rec	%Rec Limits		
Mercury			14.1	13.34		mg/Kg		94.6	69.6 - 130.5		

Lab Sample ID: 460-336657-A-56-G MS
Matrix: Solid
Analysis Batch: 1068757

Client Sample ID: Matrix Spike
Prep Type: Total/NA
Prep Batch: 1068634

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec Limits		
Mercury	0.013	J	0.0906	0.0948		mg/Kg	☼	90	80 - 120		

Lab Sample ID: 460-336657-A-56-H MSD
Matrix: Solid
Analysis Batch: 1068757

Client Sample ID: Matrix Spike Duplicate
Prep Type: Total/NA
Prep Batch: 1068634

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Mercury	0.013	J	0.0906	0.0948		mg/Kg	☼	90	80 - 120	0	20

Lab Sample ID: 460-336657-A-56-F DU
Matrix: Solid
Analysis Batch: 1068757

Client Sample ID: Duplicate
Prep Type: Total/NA
Prep Batch: 1068634

Analyte	Sample Result	Sample Qualifier	DU Result	DU Qualifier	Unit	D	RPD	RPD Limit
Mercury	0.013	J	0.0132	J	mg/Kg	☼	3	20

Method: Moisture - Percent Moisture

Lab Sample ID: 460-336648-1 DU
Matrix: Solid
Analysis Batch: 1066875

Client Sample ID: 44A_0-4
Prep Type: Total/NA

Analyte	Sample Result	Sample Qualifier	DU Result	DU Qualifier	Unit	D	RPD	RPD Limit
Percent Moisture	4.2		4.4		%		5	20
Percent Solids	95.8		95.6		%		0.2	20

Lab Sample ID: 460-336648-21 DU
Matrix: Solid
Analysis Batch: 1066875

Client Sample ID: 49B_0-5
Prep Type: Total/NA

Analyte	Sample Result	Sample Qualifier	DU Result	DU Qualifier	Unit	D	RPD	RPD Limit
Percent Moisture	2.8		3.4		%		19	20
Percent Solids	97.2		96.6		%		0.6	20

Lab Sample ID: 460-336648-23 DU
Matrix: Solid
Analysis Batch: 1067818

Client Sample ID: 44A1_1-2
Prep Type: Total/NA

Analyte	Sample Result	Sample Qualifier	DU Result	DU Qualifier	Unit	D	RPD	RPD Limit
Percent Moisture	2.7		2.5		%		8	20
Percent Solids	97.3		97.5		%		0.2	20

Method: Moisture - Percent Moisture (Continued)

Lab Sample ID: 460-336648-43 DU
Matrix: Solid
Analysis Batch: 1067818

Client Sample ID: 44C1_7-8
Prep Type: Total/NA

Analyte	Sample Result	Sample Qualifier		DU Result	DU Qualifier	Unit	D			RPD	RPD Limit
Percent Moisture	1.1			1.2		%				13	20
Percent Solids	98.9			98.8		%				0.2	20

Lab Sample ID: 460-336648-63 DU
Matrix: Solid
Analysis Batch: 1067819

Client Sample ID: 44F3_7-8
Prep Type: Total/NA

Analyte	Sample Result	Sample Qualifier		DU Result	DU Qualifier	Unit	D			RPD	RPD Limit
Percent Moisture	1.4			1.9		%				32	20
Percent Solids	98.6			98.1		%				0.5	20

Lab Sample ID: 460-336648-83 DU
Matrix: Solid
Analysis Batch: 1067819

Client Sample ID: 45C2_6-7
Prep Type: Total/NA

Analyte	Sample Result	Sample Qualifier		DU Result	DU Qualifier	Unit	D			RPD	RPD Limit
Percent Moisture	1.5			1.6		%				3	20
Percent Solids	98.5			98.4		%				0.05	20

GC/MS VOA

Analysis Batch: 1067163

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
460-336648-23	44A1_1-2	Total/NA	Solid	8260D	1067371
460-336648-24	44A2_2-3	Total/NA	Solid	8260D	1067371
460-336648-25	44A3_3-4	Total/NA	Solid	8260D	1067371
460-336648-26	44A1_4-5	Total/NA	Solid	8260D	1067371
460-336648-27	44A2_5-6	Total/NA	Solid	8260D	1067371
460-336648-28	44A3_6-7	Total/NA	Solid	8260D	1067371
460-336648-29	44A1_7-8	Total/NA	Solid	8260D	1067371
460-336648-30	44B1_1-2	Total/NA	Solid	8260D	1067371
460-336648-31	44B2_2-3	Total/NA	Solid	8260D	1067371
460-336648-32	44B3_3-4	Total/NA	Solid	8260D	1067371
460-336648-33	44B1_4-5	Total/NA	Solid	8260D	1067371
460-336648-34	44B2_5-6	Total/NA	Solid	8260D	1067371
460-336648-35	44B3_6-7	Total/NA	Solid	8260D	1067371
460-336648-36	44B1_7-8	Total/NA	Solid	8260D	1067371
460-336648-37	44C1_1-2	Total/NA	Solid	8260D	1067371
MB 460-1067163/7	Method Blank	Total/NA	Solid	8260D	
LCS 460-1067163/3	Lab Control Sample	Total/NA	Solid	8260D	
LCSD 460-1067163/4	Lab Control Sample Dup	Total/NA	Solid	8260D	

Prep Batch: 1067371

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
460-336648-23	44A1_1-2	Total/NA	Solid	5035	
460-336648-24	44A2_2-3	Total/NA	Solid	5035	
460-336648-25	44A3_3-4	Total/NA	Solid	5035	
460-336648-26	44A1_4-5	Total/NA	Solid	5035	
460-336648-27	44A2_5-6	Total/NA	Solid	5035	
460-336648-28	44A3_6-7	Total/NA	Solid	5035	
460-336648-29	44A1_7-8	Total/NA	Solid	5035	
460-336648-30	44B1_1-2	Total/NA	Solid	5035	
460-336648-31	44B2_2-3	Total/NA	Solid	5035	
460-336648-32	44B3_3-4	Total/NA	Solid	5035	
460-336648-33	44B1_4-5	Total/NA	Solid	5035	
460-336648-34	44B2_5-6	Total/NA	Solid	5035	
460-336648-35	44B3_6-7	Total/NA	Solid	5035	
460-336648-36	44B1_7-8	Total/NA	Solid	5035	
460-336648-37	44C1_1-2	Total/NA	Solid	5035	
460-336648-38	44C2_2-3	Total/NA	Solid	5035	
460-336648-39	44C3_3-4	Total/NA	Solid	5035	
460-336648-40	44C1_4-5	Total/NA	Solid	5035	
460-336648-41	44C2_5-6	Total/NA	Solid	5035	
460-336648-42	44C3_6-7	Total/NA	Solid	5035	
460-336648-43	44C1_7-8	Total/NA	Solid	5035	
460-336648-44	44D1_1-2	Total/NA	Solid	5035	
460-336648-45	44D2_2-3	Total/NA	Solid	5035	
460-336648-46	44D3_3-4	Total/NA	Solid	5035	
460-336648-47	44D1_4-5	Total/NA	Solid	5035	

Prep Batch: 1067376

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
460-336648-48	44D2_5-6	Total/NA	Solid	5035	
460-336648-49	44D3_6-7	Total/NA	Solid	5035	

GC/MS VOA (Continued)

Prep Batch: 1067376 (Continued)

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
460-336648-50	44D2_7-8	Total/NA	Solid	5035	
460-336648-51	44E1_1-2	Total/NA	Solid	5035	
460-336648-52	44E2_2-3	Total/NA	Solid	5035	
460-336648-53	44E3_3-4	Total/NA	Solid	5035	
460-336648-54	44E1_5-6	Total/NA	Solid	5035	
460-336648-55	44E2_6-7	Total/NA	Solid	5035	
460-336648-56	44E2_7-8	Total/NA	Solid	5035	
460-336648-57	44E3_4-5	Total/NA	Solid	5035	
460-336648-58	44F1_1-2	Total/NA	Solid	5035	
460-336648-59	44F2_2-3	Total/NA	Solid	5035	
460-336648-60	44F3_4-5	Total/NA	Solid	5035	
460-336648-61	44F1_5-6	Total/NA	Solid	5035	
460-336648-62	44F2_6-7	Total/NA	Solid	5035	
460-336648-63	44F3_7-8	Total/NA	Solid	5035	
460-336648-64	44F1_7-8	Total/NA	Solid	5035	
460-336648-65	45A1_1-2	Total/NA	Solid	5035	
460-336648-66	45A2_2-3	Total/NA	Solid	5035	
460-336648-67	45A3_4-5	Total/NA	Solid	5035	
460-336648-68	45A1_5-6	Total/NA	Solid	5035	
460-336648-69	45A2_7-8	Total/NA	Solid	5035	
460-336648-70	45A3_9-10	Total/NA	Solid	5035	
460-336648-71	45A1_11-12	Total/NA	Solid	5035	
460-336648-72	45B1_1-2	Total/NA	Solid	5035	

Prep Batch: 1067387

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
460-336648-73	45B2_3-4	Total/NA	Solid	5035	
460-336648-74	45B3_4-5	Total/NA	Solid	5035	
460-336648-75	45B1_6-7	Total/NA	Solid	5035	
460-336648-76	45B2_7-8	Total/NA	Solid	5035	
460-336648-77	45B3_9-10	Total/NA	Solid	5035	
460-336648-78	45B2_10-11	Total/NA	Solid	5035	
460-336648-79	45C1_1-2	Total/NA	Solid	5035	
460-336648-80	45C2_3-4	Total/NA	Solid	5035	
460-336648-81	45C3_4-5	Total/NA	Solid	5035	
460-336648-82	45C1_5-6	Total/NA	Solid	5035	
460-336648-83	45C2_6-7	Total/NA	Solid	5035	
460-336648-84	45C3_8-9	Total/NA	Solid	5035	
460-336648-85	45C2_11-12	Total/NA	Solid	5035	
460-336648-86	49A1_0-1	Total/NA	Solid	5035	
460-336648-87	49A2_2-3	Total/NA	Solid	5035	
460-336648-88	49A3_4-5	Total/NA	Solid	5035	
460-336648-89	49A4_5-6	Total/NA	Solid	5035	
460-336648-90	49A1_7-8	Total/NA	Solid	5035	
460-336648-91	49A2_8-9	Total/NA	Solid	5035	
460-336648-92	49A3_9-10	Total/NA	Solid	5035	
460-336648-93	49B1_1-2	Total/NA	Solid	5035	
460-336648-94	49B2_2-3	Total/NA	Solid	5035	
460-336648-95	49B3_3-4	Total/NA	Solid	5035	
460-336648-96	49B4_5-6	Total/NA	Solid	5035	
460-336648-97	49B1_7-8	Total/NA	Solid	5035	

GC/MS VOA (Continued)

Prep Batch: 1067387 (Continued)

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
460-336648-98	49B2_8-9	Total/NA	Solid	5035	
460-336648-99	49B2_9-10	Total/NA	Solid	5035	

Analysis Batch: 1067398

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
460-336648-38	44C2_2-3	Total/NA	Solid	8260D	1067371
460-336648-39	44C3_3-4	Total/NA	Solid	8260D	1067371
460-336648-40	44C1_4-5	Total/NA	Solid	8260D	1067371
460-336648-41	44C2_5-6	Total/NA	Solid	8260D	1067371
460-336648-42	44C3_6-7	Total/NA	Solid	8260D	1067371
460-336648-43	44C1_7-8	Total/NA	Solid	8260D	1067371
460-336648-44	44D1_1-2	Total/NA	Solid	8260D	1067371
460-336648-45	44D2_2-3	Total/NA	Solid	8260D	1067371
460-336648-46	44D3_3-4	Total/NA	Solid	8260D	1067371
460-336648-47	44D1_4-5	Total/NA	Solid	8260D	1067371
460-336648-48	44D2_5-6	Total/NA	Solid	8260D	1067376
460-336648-49	44D3_6-7	Total/NA	Solid	8260D	1067376
460-336648-50	44D2_7-8	Total/NA	Solid	8260D	1067376
460-336648-51	44E1_1-2	Total/NA	Solid	8260D	1067376
460-336648-52	44E2_2-3	Total/NA	Solid	8260D	1067376
460-336648-53	44E3_3-4	Total/NA	Solid	8260D	1067376
460-336648-54	44E1_5-6	Total/NA	Solid	8260D	1067376
460-336648-55	44E2_6-7	Total/NA	Solid	8260D	1067376
460-336648-56	44E2_7-8	Total/NA	Solid	8260D	1067376
460-336648-57	44E3_4-5	Total/NA	Solid	8260D	1067376
MB 460-1067398/7	Method Blank	Total/NA	Solid	8260D	
LCS 460-1067398/3	Lab Control Sample	Total/NA	Solid	8260D	
LCSD 460-1067398/4	Lab Control Sample Dup	Total/NA	Solid	8260D	

Analysis Batch: 1067399

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
460-336648-58	44F1_1-2	Total/NA	Solid	8260D	1067376
460-336648-59	44F2_2-3	Total/NA	Solid	8260D	1067376
460-336648-60	44F3_4-5	Total/NA	Solid	8260D	1067376
460-336648-61	44F1_5-6	Total/NA	Solid	8260D	1067376
460-336648-62	44F2_6-7	Total/NA	Solid	8260D	1067376
460-336648-63	44F3_7-8	Total/NA	Solid	8260D	1067376
460-336648-64	44F1_7-8	Total/NA	Solid	8260D	1067376
460-336648-65	45A1_1-2	Total/NA	Solid	8260D	1067376
460-336648-66	45A2_2-3	Total/NA	Solid	8260D	1067376
460-336648-67	45A3_4-5	Total/NA	Solid	8260D	1067376
460-336648-68	45A1_5-6	Total/NA	Solid	8260D	1067376
460-336648-69	45A2_7-8	Total/NA	Solid	8260D	1067376
460-336648-70	45A3_9-10	Total/NA	Solid	8260D	1067376
460-336648-71	45A1_11-12	Total/NA	Solid	8260D	1067376
460-336648-72	45B1_1-2	Total/NA	Solid	8260D	1067376
460-336648-73	45B2_3-4	Total/NA	Solid	8260D	1067387
460-336648-74	45B3_4-5	Total/NA	Solid	8260D	1067387
460-336648-75	45B1_6-7	Total/NA	Solid	8260D	1067387
460-336648-76	45B2_7-8	Total/NA	Solid	8260D	1067387
460-336648-77	45B3_9-10	Total/NA	Solid	8260D	1067387

GC/MS VOA (Continued)

Analysis Batch: 1067399 (Continued)

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
MB 460-1067399/6	Method Blank	Total/NA	Solid	8260D	
LCS 460-1067399/2	Lab Control Sample	Total/NA	Solid	8260D	
LCSD 460-1067399/3	Lab Control Sample Dup	Total/NA	Solid	8260D	

Analysis Batch: 1067421

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
460-336648-79	45C1_1-2	Total/NA	Solid	8260D	1067387
460-336648-80	45C2_3-4	Total/NA	Solid	8260D	1067387
460-336648-81	45C3_4-5	Total/NA	Solid	8260D	1067387
460-336648-82	45C1_5-6	Total/NA	Solid	8260D	1067387
460-336648-83	45C2_6-7	Total/NA	Solid	8260D	1067387
460-336648-84	45C3_8-9	Total/NA	Solid	8260D	1067387
460-336648-86	49A1_0-1	Total/NA	Solid	8260D	1067387
460-336648-87	49A2_2-3	Total/NA	Solid	8260D	1067387
460-336648-88	49A3_4-5	Total/NA	Solid	8260D	1067387
460-336648-89	49A4_5-6	Total/NA	Solid	8260D	1067387
460-336648-90	49A1_7-8	Total/NA	Solid	8260D	1067387
460-336648-91	49A2_8-9	Total/NA	Solid	8260D	1067387
460-336648-92	49A3_9-10	Total/NA	Solid	8260D	1067387
460-336648-93	49B1_1-2	Total/NA	Solid	8260D	1067387
460-336648-94	49B2_2-3	Total/NA	Solid	8260D	1067387
460-336648-95	49B3_3-4	Total/NA	Solid	8260D	1067387
460-336648-96	49B4_5-6	Total/NA	Solid	8260D	1067387
MB 460-1067421/7	Method Blank	Total/NA	Solid	8260D	
LCS 460-1067421/3	Lab Control Sample	Total/NA	Solid	8260D	
LCSD 460-1067421/4	Lab Control Sample Dup	Total/NA	Solid	8260D	

Analysis Batch: 1067474

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
460-336648-78	45B2_10-11	Total/NA	Solid	8260D	1067387
460-336648-97	49B1_7-8	Total/NA	Solid	8260D	1067387
460-336648-98	49B2_8-9	Total/NA	Solid	8260D	1067387
MB 460-1067474/7	Method Blank	Total/NA	Solid	8260D	
LCS 460-1067474/3	Lab Control Sample	Total/NA	Solid	8260D	
LCSD 460-1067474/4	Lab Control Sample Dup	Total/NA	Solid	8260D	

Analysis Batch: 1067680

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
460-336648-85	45C2_11-12	Total/NA	Solid	8260D	1067387
460-336648-99	49B2_9-10	Total/NA	Solid	8260D	1067387
MB 460-1067680/7	Method Blank	Total/NA	Solid	8260D	
LCS 460-1067680/3	Lab Control Sample	Total/NA	Solid	8260D	
LCSD 460-1067680/4	Lab Control Sample Dup	Total/NA	Solid	8260D	

GC/MS Semi VOA

Prep Batch: 1066909

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
460-336648-21	49B_0-5	Total/NA	Solid	3546	
460-336648-22	49B_5-10	Total/NA	Solid	3546	
MB 460-1066909/1-A	Method Blank	Total/NA	Solid	3546	

GC/MS Semi VOA (Continued)

Prep Batch: 1066909 (Continued)

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
LCS 460-1066909/2-A	Lab Control Sample	Total/NA	Solid	3546	
LCSD 460-1066909/3-A	Lab Control Sample Dup	Total/NA	Solid	3546	
460-336505-C-1-I MS	Matrix Spike	Total/NA	Solid	3546	
460-336505-C-1-J MSD	Matrix Spike Duplicate	Total/NA	Solid	3546	

Prep Batch: 1066911

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
460-336648-1	44A_0-4	Total/NA	Solid	3546	
460-336648-2	44A_4-8	Total/NA	Solid	3546	
460-336648-3	44B_0-4	Total/NA	Solid	3546	
460-336648-4	44B_4-8	Total/NA	Solid	3546	
460-336648-5	44C_0-4	Total/NA	Solid	3546	
460-336648-6	44C_4-8	Total/NA	Solid	3546	
460-336648-7	44D_0-4	Total/NA	Solid	3546	
460-336648-8	44D_4-8	Total/NA	Solid	3546	
460-336648-9	44E_0-4	Total/NA	Solid	3546	
460-336648-10	44E_4-8	Total/NA	Solid	3546	
460-336648-11	44F_0-4	Total/NA	Solid	3546	
460-336648-12	44F_4-8	Total/NA	Solid	3546	
460-336648-13	45A_0-6	Total/NA	Solid	3546	
460-336648-14	45A_6-12	Total/NA	Solid	3546	
460-336648-15	45B_0-6	Total/NA	Solid	3546	
460-336648-16	45B_6-12	Total/NA	Solid	3546	
460-336648-17	45C_0-6	Total/NA	Solid	3546	
460-336648-18	45C_6-12	Total/NA	Solid	3546	
460-336648-19	49A_0-5	Total/NA	Solid	3546	
460-336648-20	49A_5-10	Total/NA	Solid	3546	
MB 460-1066911/1-A	Method Blank	Total/NA	Solid	3546	
LCS 460-1066911/2-A	Lab Control Sample	Total/NA	Solid	3546	
LCSD 460-1066911/3-A	Lab Control Sample Dup	Total/NA	Solid	3546	
460-336648-1 MS	44A_0-4	Total/NA	Solid	3546	
460-336648-1 MSD	44A_0-4	Total/NA	Solid	3546	

Analysis Batch: 1066950

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
460-336648-1	44A_0-4	Total/NA	Solid	8270E	1066911
460-336648-2	44A_4-8	Total/NA	Solid	8270E	1066911
460-336648-3	44B_0-4	Total/NA	Solid	8270E	1066911
460-336648-4	44B_4-8	Total/NA	Solid	8270E	1066911
460-336648-5	44C_0-4	Total/NA	Solid	8270E	1066911
460-336648-6	44C_4-8	Total/NA	Solid	8270E	1066911
460-336648-7	44D_0-4	Total/NA	Solid	8270E	1066911
460-336648-8	44D_4-8	Total/NA	Solid	8270E	1066911
460-336648-9	44E_0-4	Total/NA	Solid	8270E	1066911
460-336648-10	44E_4-8	Total/NA	Solid	8270E	1066911
460-336648-11	44F_0-4	Total/NA	Solid	8270E	1066911
460-336648-12	44F_4-8	Total/NA	Solid	8270E	1066911
460-336648-13	45A_0-6	Total/NA	Solid	8270E	1066911
460-336648-14	45A_6-12	Total/NA	Solid	8270E	1066911
460-336648-15	45B_0-6	Total/NA	Solid	8270E	1066911
460-336648-16	45B_6-12	Total/NA	Solid	8270E	1066911

GC/MS Semi VOA (Continued)

Analysis Batch: 1066950 (Continued)

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
460-336648-17	45C_0-6	Total/NA	Solid	8270E	1066911
460-336648-18	45C_6-12	Total/NA	Solid	8270E	1066911
460-336648-19	49A_0-5	Total/NA	Solid	8270E	1066911
460-336648-20	49A_5-10	Total/NA	Solid	8270E	1066911
MB 460-1066911/1-A	Method Blank	Total/NA	Solid	8270E	1066911
LCS 460-1066911/2-A	Lab Control Sample	Total/NA	Solid	8270E	1066911
LCSD 460-1066911/3-A	Lab Control Sample Dup	Total/NA	Solid	8270E	1066911
460-336648-1 MS	44A_0-4	Total/NA	Solid	8270E	1066911
460-336648-1 MSD	44A_0-4	Total/NA	Solid	8270E	1066911

Analysis Batch: 1067021

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
460-336648-21	49B_0-5	Total/NA	Solid	8270E	1066909
460-336648-22	49B_5-10	Total/NA	Solid	8270E	1066909
MB 460-1066909/1-A	Method Blank	Total/NA	Solid	8270E	1066909
LCS 460-1066909/2-A	Lab Control Sample	Total/NA	Solid	8270E	1066909
LCSD 460-1066909/3-A	Lab Control Sample Dup	Total/NA	Solid	8270E	1066909
460-336505-C-1-I MS	Matrix Spike	Total/NA	Solid	8270E	1066909
460-336505-C-1-J MSD	Matrix Spike Duplicate	Total/NA	Solid	8270E	1066909

GC Semi VOA

Prep Batch: 1066848

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
460-336648-1	44A_0-4	Total/NA	Solid	3546	
460-336648-2	44A_4-8	Total/NA	Solid	3546	
460-336648-3	44B_0-4	Total/NA	Solid	3546	
460-336648-4	44B_4-8	Total/NA	Solid	3546	
460-336648-5	44C_0-4	Total/NA	Solid	3546	
460-336648-6	44C_4-8	Total/NA	Solid	3546	
460-336648-7	44D_0-4	Total/NA	Solid	3546	
460-336648-8	44D_4-8	Total/NA	Solid	3546	
460-336648-9	44E_0-4	Total/NA	Solid	3546	
460-336648-10	44E_4-8	Total/NA	Solid	3546	
460-336648-11	44F_0-4	Total/NA	Solid	3546	
460-336648-12	44F_4-8	Total/NA	Solid	3546	
460-336648-13	45A_0-6	Total/NA	Solid	3546	
460-336648-14	45A_6-12	Total/NA	Solid	3546	
460-336648-15	45B_0-6	Total/NA	Solid	3546	
460-336648-16	45B_6-12	Total/NA	Solid	3546	
460-336648-17	45C_0-6	Total/NA	Solid	3546	
460-336648-18	45C_6-12	Total/NA	Solid	3546	
460-336648-19	49A_0-5	Total/NA	Solid	3546	
460-336648-20	49A_5-10	Total/NA	Solid	3546	
MB 460-1066848/1-A	Method Blank	Total/NA	Solid	3546	
LCS 460-1066848/2-A	Lab Control Sample	Total/NA	Solid	3546	
LCSD 460-1066848/3-A	Lab Control Sample Dup	Total/NA	Solid	3546	
460-336648-1 MS	44A_0-4	Total/NA	Solid	3546	
460-336648-1 MSD	44A_0-4	Total/NA	Solid	3546	

GC Semi VOA

Prep Batch: 1066850

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
460-336648-21	49B_0-5	Total/NA	Solid	3546	
460-336648-22	49B_5-10	Total/NA	Solid	3546	
MB 460-1066850/1-A	Method Blank	Total/NA	Solid	3546	
LCS 460-1066850/2-A	Lab Control Sample	Total/NA	Solid	3546	
LCSD 460-1066850/3-A	Lab Control Sample Dup	Total/NA	Solid	3546	
460-336648-21 MS	49B_0-5	Total/NA	Solid	3546	
460-336648-21 MSD	49B_0-5	Total/NA	Solid	3546	

Prep Batch: 1066852

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
460-336648-1	44A_0-4	Total/NA	Solid	3546	
460-336648-2	44A_4-8	Total/NA	Solid	3546	
460-336648-3	44B_0-4	Total/NA	Solid	3546	
460-336648-4	44B_4-8	Total/NA	Solid	3546	
460-336648-5	44C_0-4	Total/NA	Solid	3546	
460-336648-6	44C_4-8	Total/NA	Solid	3546	
460-336648-7	44D_0-4	Total/NA	Solid	3546	
460-336648-8	44D_4-8	Total/NA	Solid	3546	
460-336648-9	44E_0-4	Total/NA	Solid	3546	
460-336648-10	44E_4-8	Total/NA	Solid	3546	
460-336648-11	44F_0-4	Total/NA	Solid	3546	
460-336648-12	44F_4-8	Total/NA	Solid	3546	
460-336648-13	45A_0-6	Total/NA	Solid	3546	
460-336648-14	45A_6-12	Total/NA	Solid	3546	
460-336648-15	45B_0-6	Total/NA	Solid	3546	
460-336648-16	45B_6-12	Total/NA	Solid	3546	
460-336648-17	45C_0-6	Total/NA	Solid	3546	
460-336648-18	45C_6-12	Total/NA	Solid	3546	
460-336648-19	49A_0-5	Total/NA	Solid	3546	
460-336648-20	49A_5-10	Total/NA	Solid	3546	
MB 460-1066852/1-A	Method Blank	Total/NA	Solid	3546	
LCS 460-1066852/2-A	Lab Control Sample	Total/NA	Solid	3546	
LCSD 460-1066852/3-A	Lab Control Sample Dup	Total/NA	Solid	3546	
460-336648-1 MS	44A_0-4	Total/NA	Solid	3546	
460-336648-1 MSD	44A_0-4	Total/NA	Solid	3546	

Prep Batch: 1066853

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
460-336648-21	49B_0-5	Total/NA	Solid	3546	
460-336648-22	49B_5-10	Total/NA	Solid	3546	
MB 460-1066853/1-A	Method Blank	Total/NA	Solid	3546	
LCS 460-1066853/2-A	Lab Control Sample	Total/NA	Solid	3546	
LCSD 460-1066853/3-A	Lab Control Sample Dup	Total/NA	Solid	3546	
460-336648-21 MS	49B_0-5	Total/NA	Solid	3546	
460-336648-21 MSD	49B_0-5	Total/NA	Solid	3546	

Analysis Batch: 1066994

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
460-336648-1	44A_0-4	Total/NA	Solid	8081B	1066852
460-336648-2	44A_4-8	Total/NA	Solid	8081B	1066852
460-336648-3	44B_0-4	Total/NA	Solid	8081B	1066852

GC Semi VOA (Continued)

Analysis Batch: 1066994 (Continued)

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
460-336648-4	44B_4-8	Total/NA	Solid	8081B	1066852
460-336648-5	44C_0-4	Total/NA	Solid	8081B	1066852
460-336648-6	44C_4-8	Total/NA	Solid	8081B	1066852
460-336648-7	44D_0-4	Total/NA	Solid	8081B	1066852
460-336648-8	44D_4-8	Total/NA	Solid	8081B	1066852
460-336648-9	44E_0-4	Total/NA	Solid	8081B	1066852
460-336648-10	44E_4-8	Total/NA	Solid	8081B	1066852
460-336648-11	44F_0-4	Total/NA	Solid	8081B	1066852
460-336648-12	44F_4-8	Total/NA	Solid	8081B	1066852
460-336648-13	45A_0-6	Total/NA	Solid	8081B	1066852
460-336648-14	45A_6-12	Total/NA	Solid	8081B	1066852
460-336648-15	45B_0-6	Total/NA	Solid	8081B	1066852
460-336648-16	45B_6-12	Total/NA	Solid	8081B	1066852
460-336648-17	45C_0-6	Total/NA	Solid	8081B	1066852
460-336648-18	45C_6-12	Total/NA	Solid	8081B	1066852
460-336648-19	49A_0-5	Total/NA	Solid	8081B	1066852
460-336648-20	49A_5-10	Total/NA	Solid	8081B	1066852
460-336648-21	49B_0-5	Total/NA	Solid	8081B	1066853
460-336648-22	49B_5-10	Total/NA	Solid	8081B	1066853
MB 460-1066852/1-A	Method Blank	Total/NA	Solid	8081B	1066852
MB 460-1066853/1-A	Method Blank	Total/NA	Solid	8081B	1066853
LCS 460-1066852/2-A	Lab Control Sample	Total/NA	Solid	8081B	1066852
LCS 460-1066853/2-A	Lab Control Sample	Total/NA	Solid	8081B	1066853
LCSD 460-1066852/3-A	Lab Control Sample Dup	Total/NA	Solid	8081B	1066852
LCSD 460-1066853/3-A	Lab Control Sample Dup	Total/NA	Solid	8081B	1066853
460-336648-1 MS	44A_0-4	Total/NA	Solid	8081B	1066852
460-336648-1 MSD	44A_0-4	Total/NA	Solid	8081B	1066852
460-336648-21 MS	49B_0-5	Total/NA	Solid	8081B	1066853
460-336648-21 MSD	49B_0-5	Total/NA	Solid	8081B	1066853

Analysis Batch: 1067038

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
460-336648-1	44A_0-4	Total/NA	Solid	8082A	1066848
460-336648-2	44A_4-8	Total/NA	Solid	8082A	1066848
460-336648-3	44B_0-4	Total/NA	Solid	8082A	1066848
460-336648-4	44B_4-8	Total/NA	Solid	8082A	1066848
460-336648-5	44C_0-4	Total/NA	Solid	8082A	1066848
460-336648-6	44C_4-8	Total/NA	Solid	8082A	1066848
460-336648-7	44D_0-4	Total/NA	Solid	8082A	1066848
460-336648-8	44D_4-8	Total/NA	Solid	8082A	1066848
460-336648-9	44E_0-4	Total/NA	Solid	8082A	1066848
460-336648-10	44E_4-8	Total/NA	Solid	8082A	1066848
460-336648-11	44F_0-4	Total/NA	Solid	8082A	1066848
460-336648-12	44F_4-8	Total/NA	Solid	8082A	1066848
460-336648-13	45A_0-6	Total/NA	Solid	8082A	1066848
460-336648-14	45A_6-12	Total/NA	Solid	8082A	1066848
460-336648-15	45B_0-6	Total/NA	Solid	8082A	1066848
460-336648-16	45B_6-12	Total/NA	Solid	8082A	1066848
460-336648-17	45C_0-6	Total/NA	Solid	8082A	1066848
460-336648-18	45C_6-12	Total/NA	Solid	8082A	1066848
460-336648-19	49A_0-5	Total/NA	Solid	8082A	1066848

GC Semi VOA (Continued)

Analysis Batch: 1067038 (Continued)

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
460-336648-20	49A_5-10	Total/NA	Solid	8082A	1066848
MB 460-1066848/1-A	Method Blank	Total/NA	Solid	8082A	1066848
LCS 460-1066848/2-A	Lab Control Sample	Total/NA	Solid	8082A	1066848
LCSD 460-1066848/3-A	Lab Control Sample Dup	Total/NA	Solid	8082A	1066848
460-336648-1 MS	44A_0-4	Total/NA	Solid	8082A	1066848
460-336648-1 MSD	44A_0-4	Total/NA	Solid	8082A	1066848

Analysis Batch: 1067141

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
460-336648-21	49B_0-5	Total/NA	Solid	8082A	1066850
460-336648-22	49B_5-10	Total/NA	Solid	8082A	1066850
MB 460-1066850/1-A	Method Blank	Total/NA	Solid	8082A	1066850
LCS 460-1066850/2-A	Lab Control Sample	Total/NA	Solid	8082A	1066850
LCSD 460-1066850/3-A	Lab Control Sample Dup	Total/NA	Solid	8082A	1066850
460-336648-21 MS	49B_0-5	Total/NA	Solid	8082A	1066850
460-336648-21 MSD	49B_0-5	Total/NA	Solid	8082A	1066850

LCMS

Prep Batch: 711573

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
460-336648-19	49A_0-5	Total/NA	Solid	1633A Shake	
460-336648-20	49A_5-10	Total/NA	Solid	1633A Shake	
460-336648-21	49B_0-5	Total/NA	Solid	1633A Shake	
460-336648-22	49B_5-10	Total/NA	Solid	1633A Shake	
MB 410-711573/1-A	Method Blank	Total/NA	Solid	1633A Shake	
LCS 410-711573/2-A	Lab Control Sample	Total/NA	Solid	1633A Shake	
LCSD 410-711573/3-A	Lab Control Sample Dup	Total/NA	Solid	1633A Shake	
LLCS 410-711573/4-A	Lab Control Sample	Total/NA	Solid	1633A Shake	

Prep Batch: 711574

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
460-336648-1	44A_0-4	Total/NA	Solid	1633A Shake	
460-336648-2	44A_4-8	Total/NA	Solid	1633A Shake	
460-336648-3	44B_0-4	Total/NA	Solid	1633A Shake	
460-336648-4	44B_4-8	Total/NA	Solid	1633A Shake	
460-336648-5	44C_0-4	Total/NA	Solid	1633A Shake	
460-336648-6	44C_4-8	Total/NA	Solid	1633A Shake	
460-336648-7	44D_0-4	Total/NA	Solid	1633A Shake	
460-336648-8 - DL	44D_4-8	Total/NA	Solid	1633A Shake	
460-336648-8	44D_4-8	Total/NA	Solid	1633A Shake	
460-336648-9	44E_0-4	Total/NA	Solid	1633A Shake	
460-336648-10	44E_4-8	Total/NA	Solid	1633A Shake	
460-336648-11	44F_0-4	Total/NA	Solid	1633A Shake	
460-336648-12	44F_4-8	Total/NA	Solid	1633A Shake	
460-336648-13 - DL	45A_0-6	Total/NA	Solid	1633A Shake	
460-336648-13	45A_0-6	Total/NA	Solid	1633A Shake	
460-336648-14 - DL	45A_6-12	Total/NA	Solid	1633A Shake	
460-336648-14	45A_6-12	Total/NA	Solid	1633A Shake	
460-336648-15	45B_0-6	Total/NA	Solid	1633A Shake	
460-336648-16	45B_6-12	Total/NA	Solid	1633A Shake	

LCMS (Continued)

Prep Batch: 711574 (Continued)

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
460-336648-17	45C_0-6	Total/NA	Solid	1633A Shake	
460-336648-18	45C_6-12	Total/NA	Solid	1633A Shake	
MB 410-711574/1-A	Method Blank	Total/NA	Solid	1633A Shake	
LCS 410-711574/2-A	Lab Control Sample	Total/NA	Solid	1633A Shake	
LCSD 410-711574/3-A	Lab Control Sample Dup	Total/NA	Solid	1633A Shake	
LLCS 410-711574/4-A	Lab Control Sample	Total/NA	Solid	1633A Shake	

Analysis Batch: 711812

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
460-336648-8 - DL	44D_4-8	Total/NA	Solid	1633A	711574
460-336648-13 - DL	45A_0-6	Total/NA	Solid	1633A	711574
460-336648-14 - DL	45A_6-12	Total/NA	Solid	1633A	711574

Analysis Batch: 711815

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
MB 410-711573/1-A	Method Blank	Total/NA	Solid	1633A	711573
LLCS 410-711573/4-A	Lab Control Sample	Total/NA	Solid	1633A	711573

Analysis Batch: 712029

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
460-336648-19	49A_0-5	Total/NA	Solid	1633A	711573
460-336648-20	49A_5-10	Total/NA	Solid	1633A	711573
460-336648-21	49B_0-5	Total/NA	Solid	1633A	711573
460-336648-22	49B_5-10	Total/NA	Solid	1633A	711573
LCS 410-711573/2-A	Lab Control Sample	Total/NA	Solid	1633A	711573
LCSD 410-711573/3-A	Lab Control Sample Dup	Total/NA	Solid	1633A	711573

Analysis Batch: 712226

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
460-336648-1	44A_0-4	Total/NA	Solid	1633A	711574
460-336648-2	44A_4-8	Total/NA	Solid	1633A	711574
460-336648-3	44B_0-4	Total/NA	Solid	1633A	711574
460-336648-4	44B_4-8	Total/NA	Solid	1633A	711574
460-336648-5	44C_0-4	Total/NA	Solid	1633A	711574
460-336648-6	44C_4-8	Total/NA	Solid	1633A	711574
460-336648-7	44D_0-4	Total/NA	Solid	1633A	711574
460-336648-8	44D_4-8	Total/NA	Solid	1633A	711574
460-336648-9	44E_0-4	Total/NA	Solid	1633A	711574
460-336648-10	44E_4-8	Total/NA	Solid	1633A	711574
460-336648-11	44F_0-4	Total/NA	Solid	1633A	711574
460-336648-12	44F_4-8	Total/NA	Solid	1633A	711574
460-336648-13	45A_0-6	Total/NA	Solid	1633A	711574
460-336648-14	45A_6-12	Total/NA	Solid	1633A	711574
460-336648-15	45B_0-6	Total/NA	Solid	1633A	711574
460-336648-16	45B_6-12	Total/NA	Solid	1633A	711574
460-336648-17	45C_0-6	Total/NA	Solid	1633A	711574
460-336648-18	45C_6-12	Total/NA	Solid	1633A	711574
MB 410-711574/1-A	Method Blank	Total/NA	Solid	1633A	711574
LCS 410-711574/2-A	Lab Control Sample	Total/NA	Solid	1633A	711574
LCSD 410-711574/3-A	Lab Control Sample Dup	Total/NA	Solid	1633A	711574
LLCS 410-711574/4-A	Lab Control Sample	Total/NA	Solid	1633A	711574

Metals

Prep Batch: 1067707

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
460-336648-1	44A_0-4	Total/NA	Solid	3050B	
460-336648-2	44A_4-8	Total/NA	Solid	3050B	
460-336648-3	44B_0-4	Total/NA	Solid	3050B	
460-336648-4	44B_4-8	Total/NA	Solid	3050B	
460-336648-6	44C_4-8	Total/NA	Solid	3050B	
MB 460-1067707/1-A	Method Blank	Total/NA	Solid	3050B	
LCSSRM 460-1067707/2-A	Lab Control Sample	Total/NA	Solid	3050B	
460-336638-A-15-C MS	Matrix Spike	Total/NA	Solid	3050B	
460-336638-A-15-B DU	Duplicate	Total/NA	Solid	3050B	

Prep Batch: 1067708

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
460-336648-5	44C_0-4	Total/NA	Solid	3050B	
460-336648-7	44D_0-4	Total/NA	Solid	3050B	
460-336648-8	44D_4-8	Total/NA	Solid	3050B	
460-336648-9	44E_0-4	Total/NA	Solid	3050B	
460-336648-10	44E_4-8	Total/NA	Solid	3050B	
460-336648-11	44F_0-4	Total/NA	Solid	3050B	
460-336648-12	44F_4-8	Total/NA	Solid	3050B	
460-336648-13	45A_0-6	Total/NA	Solid	3050B	
460-336648-14	45A_6-12	Total/NA	Solid	3050B	
460-336648-15	45B_0-6	Total/NA	Solid	3050B	
460-336648-16	45B_6-12	Total/NA	Solid	3050B	
460-336648-17	45C_0-6	Total/NA	Solid	3050B	
460-336648-18	45C_6-12	Total/NA	Solid	3050B	
460-336648-19	49A_0-5	Total/NA	Solid	3050B	
460-336648-20	49A_5-10	Total/NA	Solid	3050B	
460-336648-21	49B_0-5	Total/NA	Solid	3050B	
460-336648-22	49B_5-10	Total/NA	Solid	3050B	
MB 460-1067708/1-A	Method Blank	Total/NA	Solid	3050B	
LCSSRM 460-1067708/2-A	Lab Control Sample	Total/NA	Solid	3050B	
460-336648-5 MS	44C_0-4	Total/NA	Solid	3050B	
460-336648-5 DU	44C_0-4	Total/NA	Solid	3050B	

Analysis Batch: 1067831

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
460-336648-1	44A_0-4	Total/NA	Solid	6020B	1067707
460-336648-2	44A_4-8	Total/NA	Solid	6020B	1067707
460-336648-3	44B_0-4	Total/NA	Solid	6020B	1067707
460-336648-4	44B_4-8	Total/NA	Solid	6020B	1067707
460-336648-5	44C_0-4	Total/NA	Solid	6020B	1067708
460-336648-6	44C_4-8	Total/NA	Solid	6020B	1067707
460-336648-7	44D_0-4	Total/NA	Solid	6020B	1067708
460-336648-8	44D_4-8	Total/NA	Solid	6020B	1067708
460-336648-9	44E_0-4	Total/NA	Solid	6020B	1067708
460-336648-10	44E_4-8	Total/NA	Solid	6020B	1067708
460-336648-11	44F_0-4	Total/NA	Solid	6020B	1067708
460-336648-12	44F_4-8	Total/NA	Solid	6020B	1067708
460-336648-13	45A_0-6	Total/NA	Solid	6020B	1067708
460-336648-14	45A_6-12	Total/NA	Solid	6020B	1067708
460-336648-15	45B_0-6	Total/NA	Solid	6020B	1067708

Metals (Continued)

Analysis Batch: 1067831 (Continued)

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
460-336648-16	45B_6-12	Total/NA	Solid	6020B	1067708
460-336648-17	45C_0-6	Total/NA	Solid	6020B	1067708
460-336648-18	45C_6-12	Total/NA	Solid	6020B	1067708
460-336648-19	49A_0-5	Total/NA	Solid	6020B	1067708
460-336648-20	49A_5-10	Total/NA	Solid	6020B	1067708
460-336648-21	49B_0-5	Total/NA	Solid	6020B	1067708
460-336648-22	49B_5-10	Total/NA	Solid	6020B	1067708
MB 460-1067707/1-A	Method Blank	Total/NA	Solid	6020B	1067707
MB 460-1067708/1-A	Method Blank	Total/NA	Solid	6020B	1067708
LCSSRM 460-1067707/2-A	Lab Control Sample	Total/NA	Solid	6020B	1067707
LCSSRM 460-1067708/2-A	Lab Control Sample	Total/NA	Solid	6020B	1067708
460-336638-A-15-C MS	Matrix Spike	Total/NA	Solid	6020B	1067707
460-336648-5 MS	44C_0-4	Total/NA	Solid	6020B	1067708
460-336638-A-15-B DU	Duplicate	Total/NA	Solid	6020B	1067707
460-336648-5 DU	44C_0-4	Total/NA	Solid	6020B	1067708

Prep Batch: 1068633

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
460-336648-1	44A_0-4	Total/NA	Solid	7471B	
460-336648-2	44A_4-8	Total/NA	Solid	7471B	
460-336648-3	44B_0-4	Total/NA	Solid	7471B	
460-336648-4	44B_4-8	Total/NA	Solid	7471B	
460-336648-5	44C_0-4	Total/NA	Solid	7471B	
460-336648-6	44C_4-8	Total/NA	Solid	7471B	
460-336648-7	44D_0-4	Total/NA	Solid	7471B	
460-336648-8	44D_4-8	Total/NA	Solid	7471B	
460-336648-9	44E_0-4	Total/NA	Solid	7471B	
460-336648-10	44E_4-8	Total/NA	Solid	7471B	
MB 460-1068633/10-A	Method Blank	Total/NA	Solid	7471B	
LCSSRM 460-1068633/11-A	Lab Control Sample	Total/NA	Solid	7471B	
460-336657-A-12-G MS	Matrix Spike	Total/NA	Solid	7471B	
460-336657-A-12-H MSD	Matrix Spike Duplicate	Total/NA	Solid	7471B	
460-336657-A-12-F DU	Duplicate	Total/NA	Solid	7471B	

Prep Batch: 1068634

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
460-336648-11	44F_0-4	Total/NA	Solid	7471B	
460-336648-12	44F_4-8	Total/NA	Solid	7471B	
460-336648-13	45A_0-6	Total/NA	Solid	7471B	
460-336648-14	45A_6-12	Total/NA	Solid	7471B	
460-336648-15	45B_0-6	Total/NA	Solid	7471B	
460-336648-16	45B_6-12	Total/NA	Solid	7471B	
460-336648-17	45C_0-6	Total/NA	Solid	7471B	
460-336648-18	45C_6-12	Total/NA	Solid	7471B	
460-336648-19	49A_0-5	Total/NA	Solid	7471B	
460-336648-20	49A_5-10	Total/NA	Solid	7471B	
460-336648-21	49B_0-5	Total/NA	Solid	7471B	
460-336648-22	49B_5-10	Total/NA	Solid	7471B	
MB 460-1068634/1-A	Method Blank	Total/NA	Solid	7471B	
LCSSRM 460-1068634/2-A	Lab Control Sample	Total/NA	Solid	7471B	
460-336657-A-56-G MS	Matrix Spike	Total/NA	Solid	7471B	

Metals (Continued)

Prep Batch: 1068634 (Continued)

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
460-336657-A-56-H MSD	Matrix Spike Duplicate	Total/NA	Solid	7471B	
460-336657-A-56-F DU	Duplicate	Total/NA	Solid	7471B	

Analysis Batch: 1068757

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
460-336648-1	44A_0-4	Total/NA	Solid	7471B	1068633
460-336648-2	44A_4-8	Total/NA	Solid	7471B	1068633
460-336648-3	44B_0-4	Total/NA	Solid	7471B	1068633
460-336648-4	44B_4-8	Total/NA	Solid	7471B	1068633
460-336648-5	44C_0-4	Total/NA	Solid	7471B	1068633
460-336648-6	44C_4-8	Total/NA	Solid	7471B	1068633
460-336648-7	44D_0-4	Total/NA	Solid	7471B	1068633
460-336648-8	44D_4-8	Total/NA	Solid	7471B	1068633
460-336648-9	44E_0-4	Total/NA	Solid	7471B	1068633
460-336648-10	44E_4-8	Total/NA	Solid	7471B	1068633
460-336648-11	44F_0-4	Total/NA	Solid	7471B	1068634
460-336648-12	44F_4-8	Total/NA	Solid	7471B	1068634
460-336648-13	45A_0-6	Total/NA	Solid	7471B	1068634
460-336648-14	45A_6-12	Total/NA	Solid	7471B	1068634
460-336648-15	45B_0-6	Total/NA	Solid	7471B	1068634
460-336648-16	45B_6-12	Total/NA	Solid	7471B	1068634
460-336648-17	45C_0-6	Total/NA	Solid	7471B	1068634
460-336648-18	45C_6-12	Total/NA	Solid	7471B	1068634
460-336648-19	49A_0-5	Total/NA	Solid	7471B	1068634
460-336648-20	49A_5-10	Total/NA	Solid	7471B	1068634
460-336648-21	49B_0-5	Total/NA	Solid	7471B	1068634
460-336648-22	49B_5-10	Total/NA	Solid	7471B	1068634
MB 460-1068633/10-A	Method Blank	Total/NA	Solid	7471B	1068633
MB 460-1068634/1-A	Method Blank	Total/NA	Solid	7471B	1068634
LCSSRM 460-1068633/11-A	Lab Control Sample	Total/NA	Solid	7471B	1068633
LCSSRM 460-1068634/2-A	Lab Control Sample	Total/NA	Solid	7471B	1068634
460-336657-A-12-G MS	Matrix Spike	Total/NA	Solid	7471B	1068633
460-336657-A-12-H MSD	Matrix Spike Duplicate	Total/NA	Solid	7471B	1068633
460-336657-A-56-G MS	Matrix Spike	Total/NA	Solid	7471B	1068634
460-336657-A-56-H MSD	Matrix Spike Duplicate	Total/NA	Solid	7471B	1068634
460-336657-A-12-F DU	Duplicate	Total/NA	Solid	7471B	1068633
460-336657-A-56-F DU	Duplicate	Total/NA	Solid	7471B	1068634

General Chemistry

Analysis Batch: 1066875

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
460-336648-1	44A_0-4	Total/NA	Solid	Moisture	
460-336648-2	44A_4-8	Total/NA	Solid	Moisture	
460-336648-3	44B_0-4	Total/NA	Solid	Moisture	
460-336648-4	44B_4-8	Total/NA	Solid	Moisture	
460-336648-5	44C_0-4	Total/NA	Solid	Moisture	
460-336648-6	44C_4-8	Total/NA	Solid	Moisture	
460-336648-7	44D_0-4	Total/NA	Solid	Moisture	
460-336648-8	44D_4-8	Total/NA	Solid	Moisture	
460-336648-9	44E_0-4	Total/NA	Solid	Moisture	

General Chemistry (Continued)

Analysis Batch: 1066875 (Continued)

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
460-336648-10	44E_4-8	Total/NA	Solid	Moisture	
460-336648-11	44F_0-4	Total/NA	Solid	Moisture	
460-336648-12	44F_4-8	Total/NA	Solid	Moisture	
460-336648-13	45A_0-6	Total/NA	Solid	Moisture	
460-336648-14	45A_6-12	Total/NA	Solid	Moisture	
460-336648-15	45B_0-6	Total/NA	Solid	Moisture	
460-336648-16	45B_6-12	Total/NA	Solid	Moisture	
460-336648-17	45C_0-6	Total/NA	Solid	Moisture	
460-336648-18	45C_6-12	Total/NA	Solid	Moisture	
460-336648-19	49A_0-5	Total/NA	Solid	Moisture	
460-336648-20	49A_5-10	Total/NA	Solid	Moisture	
460-336648-21	49B_0-5	Total/NA	Solid	Moisture	
460-336648-22	49B_5-10	Total/NA	Solid	Moisture	
460-336648-1 DU	44A_0-4	Total/NA	Solid	Moisture	
460-336648-21 DU	49B_0-5	Total/NA	Solid	Moisture	

Analysis Batch: 1067818

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
460-336648-23	44A1_1-2	Total/NA	Solid	Moisture	
460-336648-24	44A2_2-3	Total/NA	Solid	Moisture	
460-336648-25	44A3_3-4	Total/NA	Solid	Moisture	
460-336648-26	44A1_4-5	Total/NA	Solid	Moisture	
460-336648-27	44A2_5-6	Total/NA	Solid	Moisture	
460-336648-28	44A3_6-7	Total/NA	Solid	Moisture	
460-336648-29	44A1_7-8	Total/NA	Solid	Moisture	
460-336648-30	44B1_1-2	Total/NA	Solid	Moisture	
460-336648-31	44B2_2-3	Total/NA	Solid	Moisture	
460-336648-32	44B3_3-4	Total/NA	Solid	Moisture	
460-336648-33	44B1_4-5	Total/NA	Solid	Moisture	
460-336648-34	44B2_5-6	Total/NA	Solid	Moisture	
460-336648-35	44B3_6-7	Total/NA	Solid	Moisture	
460-336648-36	44B1_7-8	Total/NA	Solid	Moisture	
460-336648-37	44C1_1-2	Total/NA	Solid	Moisture	
460-336648-38	44C2_2-3	Total/NA	Solid	Moisture	
460-336648-39	44C3_3-4	Total/NA	Solid	Moisture	
460-336648-40	44C1_4-5	Total/NA	Solid	Moisture	
460-336648-41	44C2_5-6	Total/NA	Solid	Moisture	
460-336648-42	44C3_6-7	Total/NA	Solid	Moisture	
460-336648-43	44C1_7-8	Total/NA	Solid	Moisture	
460-336648-44	44D1_1-2	Total/NA	Solid	Moisture	
460-336648-45	44D2_2-3	Total/NA	Solid	Moisture	
460-336648-46	44D3_3-4	Total/NA	Solid	Moisture	
460-336648-47	44D1_4-5	Total/NA	Solid	Moisture	
460-336648-48	44D2_5-6	Total/NA	Solid	Moisture	
460-336648-49	44D3_6-7	Total/NA	Solid	Moisture	
460-336648-50	44D2_7-8	Total/NA	Solid	Moisture	
460-336648-51	44E1_1-2	Total/NA	Solid	Moisture	
460-336648-52	44E2_2-3	Total/NA	Solid	Moisture	
460-336648-53	44E3_3-4	Total/NA	Solid	Moisture	
460-336648-54	44E1_5-6	Total/NA	Solid	Moisture	
460-336648-55	44E2_6-7	Total/NA	Solid	Moisture	

General Chemistry (Continued)

Analysis Batch: 1067818 (Continued)

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
460-336648-56	44E2_7-8	Total/NA	Solid	Moisture	
460-336648-57	44E3_4-5	Total/NA	Solid	Moisture	
460-336648-58	44F1_1-2	Total/NA	Solid	Moisture	
460-336648-59	44F2_2-3	Total/NA	Solid	Moisture	
460-336648-60	44F3_4-5	Total/NA	Solid	Moisture	
460-336648-61	44F1_5-6	Total/NA	Solid	Moisture	
460-336648-62	44F2_6-7	Total/NA	Solid	Moisture	
460-336648-23 DU	44A1_1-2	Total/NA	Solid	Moisture	
460-336648-43 DU	44C1_7-8	Total/NA	Solid	Moisture	

Analysis Batch: 1067819

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
460-336648-63	44F3_7-8	Total/NA	Solid	Moisture	
460-336648-64	44F1_7-8	Total/NA	Solid	Moisture	
460-336648-65	45A1_1-2	Total/NA	Solid	Moisture	
460-336648-66	45A2_2-3	Total/NA	Solid	Moisture	
460-336648-67	45A3_4-5	Total/NA	Solid	Moisture	
460-336648-68	45A1_5-6	Total/NA	Solid	Moisture	
460-336648-69	45A2_7-8	Total/NA	Solid	Moisture	
460-336648-70	45A3_9-10	Total/NA	Solid	Moisture	
460-336648-71	45A1_11-12	Total/NA	Solid	Moisture	
460-336648-72	45B1_1-2	Total/NA	Solid	Moisture	
460-336648-73	45B2_3-4	Total/NA	Solid	Moisture	
460-336648-74	45B3_4-5	Total/NA	Solid	Moisture	
460-336648-75	45B1_6-7	Total/NA	Solid	Moisture	
460-336648-76	45B2_7-8	Total/NA	Solid	Moisture	
460-336648-77	45B3_9-10	Total/NA	Solid	Moisture	
460-336648-78	45B2_10-11	Total/NA	Solid	Moisture	
460-336648-79	45C1_1-2	Total/NA	Solid	Moisture	
460-336648-80	45C2_3-4	Total/NA	Solid	Moisture	
460-336648-81	45C3_4-5	Total/NA	Solid	Moisture	
460-336648-82	45C1_5-6	Total/NA	Solid	Moisture	
460-336648-83	45C2_6-7	Total/NA	Solid	Moisture	
460-336648-84	45C3_8-9	Total/NA	Solid	Moisture	
460-336648-85	45C2_11-12	Total/NA	Solid	Moisture	
460-336648-86	49A1_0-1	Total/NA	Solid	Moisture	
460-336648-87	49A2_2-3	Total/NA	Solid	Moisture	
460-336648-88	49A3_4-5	Total/NA	Solid	Moisture	
460-336648-89	49A4_5-6	Total/NA	Solid	Moisture	
460-336648-90	49A1_7-8	Total/NA	Solid	Moisture	
460-336648-91	49A2_8-9	Total/NA	Solid	Moisture	
460-336648-92	49A3_9-10	Total/NA	Solid	Moisture	
460-336648-93	49B1_1-2	Total/NA	Solid	Moisture	
460-336648-94	49B2_2-3	Total/NA	Solid	Moisture	
460-336648-95	49B3_3-4	Total/NA	Solid	Moisture	
460-336648-96	49B4_5-6	Total/NA	Solid	Moisture	
460-336648-97	49B1_7-8	Total/NA	Solid	Moisture	
460-336648-98	49B2_8-9	Total/NA	Solid	Moisture	
460-336648-99	49B2_9-10	Total/NA	Solid	Moisture	
460-336648-63 DU	44F3_7-8	Total/NA	Solid	Moisture	
460-336648-83 DU	45C2_6-7	Total/NA	Solid	Moisture	

Client Sample ID: 44A_0-4

Lab Sample ID: 460-336648-1

Date Collected: 10/07/25 08:00

Matrix: Solid

Date Received: 10/07/25 17:15

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Analysis	Moisture		1	1066875	CJC	EET EDI	10/08/25 18:34

Client Sample ID: 44A_0-4

Lab Sample ID: 460-336648-1

Date Collected: 10/07/25 08:00

Matrix: Solid

Date Received: 10/07/25 17:15

Percent Solids: 95.8

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Prep	3546			1066911	GXY	EET EDI	10/08/25 20:51
Total/NA	Analysis	8270E		1	1066950	DXD	EET EDI	10/09/25 09:31
Total/NA	Prep	3546			1066852	ARA	EET EDI	10/08/25 16:51
Total/NA	Analysis	8081B		1	1066994	FAM	EET EDI	10/09/25 15:15
Total/NA	Prep	3546			1066848	ARA	EET EDI	10/08/25 16:43
Total/NA	Analysis	8082A		1	1067038	AAA	EET EDI	10/09/25 14:42
Total/NA	Prep	1633A Shake			711574	MSH2	ELLE	10/09/25 14:16
Total/NA	Analysis	1633A		1	712226	UCD3	ELLE	10/10/25 16:35
Total/NA	Prep	3050B			1067707	GAE	EET EDI	10/11/25 20:55
Total/NA	Analysis	6020B		1	1067831	DLE	EET EDI	10/12/25 15:29
Total/NA	Prep	7471B			1068633	TJS	EET EDI	10/16/25 01:19
Total/NA	Analysis	7471B		1	1068757	TJS	EET EDI	10/16/25 07:19

Client Sample ID: 44A_4-8

Lab Sample ID: 460-336648-2

Date Collected: 10/07/25 08:05

Matrix: Solid

Date Received: 10/07/25 17:15

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Analysis	Moisture		1	1066875	CJC	EET EDI	10/08/25 18:34

Client Sample ID: 44A_4-8

Lab Sample ID: 460-336648-2

Date Collected: 10/07/25 08:05

Matrix: Solid

Date Received: 10/07/25 17:15

Percent Solids: 96.3

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Prep	3546			1066911	GXY	EET EDI	10/08/25 20:51
Total/NA	Analysis	8270E		1	1066950	DXD	EET EDI	10/09/25 09:48
Total/NA	Prep	3546			1066852	ARA	EET EDI	10/08/25 16:51
Total/NA	Analysis	8081B		1	1066994	FAM	EET EDI	10/09/25 15:52
Total/NA	Prep	3546			1066848	ARA	EET EDI	10/08/25 16:43
Total/NA	Analysis	8082A		1	1067038	AAA	EET EDI	10/09/25 15:05
Total/NA	Prep	1633A Shake			711574	MSH2	ELLE	10/09/25 14:16
Total/NA	Analysis	1633A		1	712226	UCD3	ELLE	10/10/25 16:49
Total/NA	Prep	3050B			1067707	GAE	EET EDI	10/11/25 20:55
Total/NA	Analysis	6020B		1	1067831	DLE	EET EDI	10/12/25 15:31
Total/NA	Prep	7471B			1068633	TJS	EET EDI	10/16/25 01:19
Total/NA	Analysis	7471B		1	1068757	TJS	EET EDI	10/16/25 07:22

Client Sample ID: 44B_0-4

Lab Sample ID: 460-336648-3

Date Collected: 10/07/25 08:10

Matrix: Solid

Date Received: 10/07/25 17:15

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Analysis	Moisture		1	1066875	CJC	EET EDI	10/08/25 18:34

Client Sample ID: 44B_0-4

Lab Sample ID: 460-336648-3

Date Collected: 10/07/25 08:10

Matrix: Solid

Date Received: 10/07/25 17:15

Percent Solids: 93.8

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Prep	3546			1066911	GXY	EET EDI	10/08/25 20:51
Total/NA	Analysis	8270E		1	1066950	DXD	EET EDI	10/09/25 10:06
Total/NA	Prep	3546			1066852	ARA	EET EDI	10/08/25 16:51
Total/NA	Analysis	8081B		1	1066994	FAM	EET EDI	10/09/25 16:04
Total/NA	Prep	3546			1066848	ARA	EET EDI	10/08/25 16:43
Total/NA	Analysis	8082A		1	1067038	AAA	EET EDI	10/09/25 15:27
Total/NA	Prep	1633A Shake			711574	MSH2	ELLE	10/09/25 14:16
Total/NA	Analysis	1633A		1	712226	UCD3	ELLE	10/10/25 17:02
Total/NA	Prep	3050B			1067707	GAE	EET EDI	10/11/25 20:55
Total/NA	Analysis	6020B		1	1067831	DLE	EET EDI	10/12/25 15:34
Total/NA	Prep	7471B			1068633	TJS	EET EDI	10/16/25 01:19
Total/NA	Analysis	7471B		1	1068757	TJS	EET EDI	10/16/25 07:25

Client Sample ID: 44B_4-8

Lab Sample ID: 460-336648-4

Date Collected: 10/07/25 08:15

Matrix: Solid

Date Received: 10/07/25 17:15

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Analysis	Moisture		1	1066875	CJC	EET EDI	10/08/25 18:34

Client Sample ID: 44B_4-8

Lab Sample ID: 460-336648-4

Date Collected: 10/07/25 08:15

Matrix: Solid

Date Received: 10/07/25 17:15

Percent Solids: 94.7

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Prep	3546			1066911	GXY	EET EDI	10/08/25 20:51
Total/NA	Analysis	8270E		1	1066950	DXD	EET EDI	10/09/25 10:23
Total/NA	Prep	3546			1066852	ARA	EET EDI	10/08/25 16:51
Total/NA	Analysis	8081B		1	1066994	FAM	EET EDI	10/09/25 16:16
Total/NA	Prep	3546			1066848	ARA	EET EDI	10/08/25 16:43
Total/NA	Analysis	8082A		1	1067038	AAA	EET EDI	10/09/25 15:49
Total/NA	Prep	1633A Shake			711574	MSH2	ELLE	10/09/25 14:16
Total/NA	Analysis	1633A		1	712226	UCD3	ELLE	10/10/25 17:16
Total/NA	Prep	3050B			1067707	GAE	EET EDI	10/11/25 20:55
Total/NA	Analysis	6020B		1	1067831	DLE	EET EDI	10/12/25 15:37
Total/NA	Prep	7471B			1068633	TJS	EET EDI	10/16/25 01:19
Total/NA	Analysis	7471B		1	1068757	TJS	EET EDI	10/16/25 07:28

Lab Chronicle

Client: Haley & Aldrich, Inc.
Project/Site: Former Port Mobil

Job ID: 460-336648-1

Client Sample ID: 44C_0-4

Date Collected: 10/07/25 08:20
Date Received: 10/07/25 17:15

Lab Sample ID: 460-336648-5

Matrix: Solid

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Analysis	Moisture		1	1066875	CJC	EET EDI	10/08/25 18:34

Client Sample ID: 44C_0-4

Date Collected: 10/07/25 08:20
Date Received: 10/07/25 17:15

Lab Sample ID: 460-336648-5

Matrix: Solid
Percent Solids: 93.5

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Prep	3546			1066911	GXY	EET EDI	10/08/25 20:51
Total/NA	Analysis	8270E		1	1066950	DXD	EET EDI	10/09/25 10:41
Total/NA	Prep	3546			1066852	ARA	EET EDI	10/08/25 16:51
Total/NA	Analysis	8081B		1	1066994	FAM	EET EDI	10/09/25 16:29
Total/NA	Prep	3546			1066848	ARA	EET EDI	10/08/25 16:43
Total/NA	Analysis	8082A		1	1067038	AAA	EET EDI	10/09/25 16:11
Total/NA	Prep	1633A Shake			711574	MSH2	ELLE	10/09/25 14:16
Total/NA	Analysis	1633A		1	712226	UCD3	ELLE	10/10/25 17:30
Total/NA	Prep	3050B			1067708	GAE	EET EDI	10/11/25 20:55
Total/NA	Analysis	6020B		1	1067831	DLE	EET EDI	10/12/25 12:54
Total/NA	Prep	7471B			1068633	TJS	EET EDI	10/16/25 01:19
Total/NA	Analysis	7471B		1	1068757	TJS	EET EDI	10/16/25 07:37

Client Sample ID: 44C_4-8

Date Collected: 10/07/25 08:25
Date Received: 10/07/25 17:15

Lab Sample ID: 460-336648-6

Matrix: Solid

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Analysis	Moisture		1	1066875	CJC	EET EDI	10/08/25 18:34

Client Sample ID: 44C_4-8

Date Collected: 10/07/25 08:25
Date Received: 10/07/25 17:15

Lab Sample ID: 460-336648-6

Matrix: Solid
Percent Solids: 93.1

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Prep	3546			1066911	GXY	EET EDI	10/08/25 20:51
Total/NA	Analysis	8270E		1	1066950	DXD	EET EDI	10/09/25 10:58
Total/NA	Prep	3546			1066852	ARA	EET EDI	10/08/25 16:51
Total/NA	Analysis	8081B		1	1066994	FAM	EET EDI	10/09/25 16:41
Total/NA	Prep	3546			1066848	ARA	EET EDI	10/08/25 16:43
Total/NA	Analysis	8082A		1	1067038	AAA	EET EDI	10/09/25 16:34
Total/NA	Prep	1633A Shake			711574	MSH2	ELLE	10/09/25 14:16
Total/NA	Analysis	1633A		1	712226	UCD3	ELLE	10/10/25 17:43
Total/NA	Prep	3050B			1067707	GAE	EET EDI	10/11/25 20:55
Total/NA	Analysis	6020B		1	1067831	DLE	EET EDI	10/12/25 15:40
Total/NA	Prep	7471B			1068633	TJS	EET EDI	10/16/25 01:19
Total/NA	Analysis	7471B		1	1068757	TJS	EET EDI	10/16/25 07:40

Client Sample ID: 44D_0-4
Lab Sample ID: 460-336648-7
Date Collected: 10/07/25 08:30
Matrix: Solid
Date Received: 10/07/25 17:15

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Analysis	Moisture		1	1066875	CJC	EET EDI	10/08/25 18:34

Client Sample ID: 44D_0-4
Lab Sample ID: 460-336648-7
Date Collected: 10/07/25 08:30
Matrix: Solid
Date Received: 10/07/25 17:15
Percent Solids: 95.2

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Prep	3546			1066911	GXY	EET EDI	10/08/25 20:51
Total/NA	Analysis	8270E		1	1066950	DXD	EET EDI	10/09/25 11:16
Total/NA	Prep	3546			1066852	ARA	EET EDI	10/08/25 16:51
Total/NA	Analysis	8081B		1	1066994	FAM	EET EDI	10/09/25 16:53
Total/NA	Prep	3546			1066848	ARA	EET EDI	10/08/25 16:43
Total/NA	Analysis	8082A		1	1067038	AAA	EET EDI	10/09/25 16:56
Total/NA	Prep	1633A Shake			711574	MSH2	ELLE	10/09/25 14:16
Total/NA	Analysis	1633A		1	712226	UCD3	ELLE	10/10/25 17:57
Total/NA	Prep	3050B			1067708	GAE	EET EDI	10/11/25 20:55
Total/NA	Analysis	6020B		1	1067831	DLE	EET EDI	10/12/25 13:05
Total/NA	Prep	7471B			1068633	TJS	EET EDI	10/16/25 01:19
Total/NA	Analysis	7471B		1	1068757	TJS	EET EDI	10/16/25 07:43

Client Sample ID: 44D_4-8
Lab Sample ID: 460-336648-8
Date Collected: 10/07/25 08:35
Matrix: Solid
Date Received: 10/07/25 17:15

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Analysis	Moisture		1	1066875	CJC	EET EDI	10/08/25 18:34

Client Sample ID: 44D_4-8
Lab Sample ID: 460-336648-8
Date Collected: 10/07/25 08:35
Matrix: Solid
Date Received: 10/07/25 17:15
Percent Solids: 93.0

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Prep	3546			1066911	GXY	EET EDI	10/08/25 20:51
Total/NA	Analysis	8270E		1	1066950	DXD	EET EDI	10/09/25 11:33
Total/NA	Prep	3546			1066852	ARA	EET EDI	10/08/25 16:51
Total/NA	Analysis	8081B		1	1066994	FAM	EET EDI	10/09/25 17:06
Total/NA	Prep	3546			1066848	ARA	EET EDI	10/08/25 16:43
Total/NA	Analysis	8082A		1	1067038	AAA	EET EDI	10/09/25 17:18
Total/NA	Prep	1633A Shake	DL		711574	MSH2	ELLE	10/09/25 14:16
Total/NA	Analysis	1633A	DL	10	711812	QY4X	ELLE	10/11/25 12:43
Total/NA	Prep	1633A Shake			711574	MSH2	ELLE	10/09/25 14:16
Total/NA	Analysis	1633A		1	712226	UCD3	ELLE	10/10/25 18:10
Total/NA	Prep	3050B			1067708	GAE	EET EDI	10/11/25 20:55
Total/NA	Analysis	6020B		1	1067831	DLE	EET EDI	10/12/25 13:08

Client Sample ID: 44D_4-8
Lab Sample ID: 460-336648-8
Date Collected: 10/07/25 08:35
Matrix: Solid
Date Received: 10/07/25 17:15
Percent Solids: 93.0

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Prep	7471B			1068633	TJS	EET EDI	10/16/25 01:19
Total/NA	Analysis	7471B		1	1068757	TJS	EET EDI	10/16/25 07:45

Client Sample ID: 44E_0-4
Lab Sample ID: 460-336648-9
Date Collected: 10/07/25 08:40
Matrix: Solid
Date Received: 10/07/25 17:15

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Analysis	Moisture		1	1066875	CJC	EET EDI	10/08/25 18:34

Client Sample ID: 44E_0-4
Lab Sample ID: 460-336648-9
Date Collected: 10/07/25 08:40
Matrix: Solid
Date Received: 10/07/25 17:15
Percent Solids: 93.4

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Prep	3546			1066911	GXY	EET EDI	10/08/25 20:51
Total/NA	Analysis	8270E		1	1066950	DXD	EET EDI	10/09/25 11:51
Total/NA	Prep	3546			1066852	ARA	EET EDI	10/08/25 16:51
Total/NA	Analysis	8081B		1	1066994	FAM	EET EDI	10/09/25 17:18
Total/NA	Prep	3546			1066848	ARA	EET EDI	10/08/25 16:43
Total/NA	Analysis	8082A		1	1067038	AAA	EET EDI	10/09/25 17:41
Total/NA	Prep	1633A Shake			711574	MSH2	ELLE	10/09/25 14:16
Total/NA	Analysis	1633A		1	712226	UCD3	ELLE	10/10/25 18:24
Total/NA	Prep	3050B			1067708	GAE	EET EDI	10/11/25 20:55
Total/NA	Analysis	6020B		1	1067831	DLE	EET EDI	10/12/25 13:11
Total/NA	Prep	7471B			1068633	TJS	EET EDI	10/16/25 01:19
Total/NA	Analysis	7471B		1	1068757	TJS	EET EDI	10/16/25 07:48

Client Sample ID: 44E_4-8
Lab Sample ID: 460-336648-10
Date Collected: 10/07/25 08:45
Matrix: Solid
Date Received: 10/07/25 17:15

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Analysis	Moisture		1	1066875	CJC	EET EDI	10/08/25 18:34

Client Sample ID: 44E_4-8
Lab Sample ID: 460-336648-10
Date Collected: 10/07/25 08:45
Matrix: Solid
Date Received: 10/07/25 17:15
Percent Solids: 92.4

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Prep	3546			1066911	GXY	EET EDI	10/08/25 20:51
Total/NA	Analysis	8270E		1	1066950	DXD	EET EDI	10/09/25 12:09
Total/NA	Prep	3546			1066852	ARA	EET EDI	10/08/25 16:51
Total/NA	Analysis	8081B		1	1066994	FAM	EET EDI	10/09/25 17:30
Total/NA	Prep	3546			1066848	ARA	EET EDI	10/08/25 16:43
Total/NA	Analysis	8082A		1	1067038	AAA	EET EDI	10/09/25 18:03

Client Sample ID: 44E_4-8
Lab Sample ID: 460-336648-10
Date Collected: 10/07/25 08:45
Matrix: Solid
Date Received: 10/07/25 17:15
Percent Solids: 92.4

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Prep	1633A Shake			711574	MSH2	ELLE	10/09/25 14:16
Total/NA	Analysis	1633A		1	712226	UCD3	ELLE	10/10/25 19:05
Total/NA	Prep	3050B			1067708	GAE	EET EDI	10/11/25 20:55
Total/NA	Analysis	6020B		1	1067831	DLE	EET EDI	10/12/25 13:13
Total/NA	Prep	7471B			1068633	TJS	EET EDI	10/16/25 01:19
Total/NA	Analysis	7471B		1	1068757	TJS	EET EDI	10/16/25 07:51

Client Sample ID: 44F_0-4
Lab Sample ID: 460-336648-11
Date Collected: 10/07/25 08:50
Matrix: Solid
Date Received: 10/07/25 17:15

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Analysis	Moisture		1	1066875	CJC	EET EDI	10/08/25 18:34

Client Sample ID: 44F_0-4
Lab Sample ID: 460-336648-11
Date Collected: 10/07/25 08:50
Matrix: Solid
Date Received: 10/07/25 17:15
Percent Solids: 93.2

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Prep	3546			1066911	GXY	EET EDI	10/08/25 20:51
Total/NA	Analysis	8270E		1	1066950	DXD	EET EDI	10/09/25 12:26
Total/NA	Prep	3546			1066852	ARA	EET EDI	10/08/25 16:51
Total/NA	Analysis	8081B		1	1066994	FAM	EET EDI	10/09/25 17:43
Total/NA	Prep	3546			1066848	ARA	EET EDI	10/08/25 16:43
Total/NA	Analysis	8082A		1	1067038	AAA	EET EDI	10/09/25 18:25
Total/NA	Prep	1633A Shake			711574	MSH2	ELLE	10/09/25 14:16
Total/NA	Analysis	1633A		1	712226	UCD3	ELLE	10/10/25 19:18
Total/NA	Prep	3050B			1067708	GAE	EET EDI	10/11/25 20:55
Total/NA	Analysis	6020B		1	1067831	DLE	EET EDI	10/12/25 13:16
Total/NA	Prep	7471B			1068634	TJS	EET EDI	10/16/25 01:43
Total/NA	Analysis	7471B		1	1068757	TJS	EET EDI	10/16/25 08:20

Client Sample ID: 44F_4-8
Lab Sample ID: 460-336648-12
Date Collected: 10/07/25 08:55
Matrix: Solid
Date Received: 10/07/25 17:15

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Analysis	Moisture		1	1066875	CJC	EET EDI	10/08/25 18:34

Client Sample ID: 44F_4-8
Lab Sample ID: 460-336648-12
Date Collected: 10/07/25 08:55
Matrix: Solid
Date Received: 10/07/25 17:15
Percent Solids: 93.5

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Prep	3546			1066911	GXY	EET EDI	10/08/25 20:51
Total/NA	Analysis	8270E		1	1066950	DXD	EET EDI	10/09/25 12:44

Client Sample ID: 44F_4-8

Lab Sample ID: 460-336648-12

Date Collected: 10/07/25 08:55

Matrix: Solid

Date Received: 10/07/25 17:15

Percent Solids: 93.5

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Prep	3546			1066852	ARA	EET EDI	10/08/25 16:51
Total/NA	Analysis	8081B		1	1066994	FAM	EET EDI	10/09/25 17:55
Total/NA	Prep	3546			1066848	ARA	EET EDI	10/08/25 16:43
Total/NA	Analysis	8082A		1	1067038	AAA	EET EDI	10/09/25 18:48
Total/NA	Prep	1633A Shake			711574	MSH2	ELLE	10/09/25 14:16
Total/NA	Analysis	1633A		1	712226	UCD3	ELLE	10/10/25 19:32
Total/NA	Prep	3050B			1067708	GAE	EET EDI	10/11/25 20:55
Total/NA	Analysis	6020B		1	1067831	DLE	EET EDI	10/12/25 13:19
Total/NA	Prep	7471B			1068634	TJS	EET EDI	10/16/25 01:43
Total/NA	Analysis	7471B		1	1068757	TJS	EET EDI	10/16/25 08:23

Client Sample ID: 45A_0-6

Lab Sample ID: 460-336648-13

Date Collected: 10/07/25 09:00

Matrix: Solid

Date Received: 10/07/25 17:15

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Analysis	Moisture		1	1066875	CJC	EET EDI	10/08/25 18:34

Client Sample ID: 45A_0-6

Lab Sample ID: 460-336648-13

Date Collected: 10/07/25 09:00

Matrix: Solid

Date Received: 10/07/25 17:15

Percent Solids: 95.5

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Prep	3546			1066911	GXY	EET EDI	10/08/25 20:51
Total/NA	Analysis	8270E		1	1066950	DXD	EET EDI	10/09/25 13:01
Total/NA	Prep	3546			1066852	ARA	EET EDI	10/08/25 16:51
Total/NA	Analysis	8081B		1	1066994	FAM	EET EDI	10/09/25 18:07
Total/NA	Prep	3546			1066848	ARA	EET EDI	10/08/25 16:43
Total/NA	Analysis	8082A		1	1067038	AAA	EET EDI	10/09/25 19:10
Total/NA	Prep	1633A Shake	DL		711574	MSH2	ELLE	10/09/25 14:16
Total/NA	Analysis	1633A	DL	10	711812	QY4X	ELLE	10/11/25 12:56
Total/NA	Prep	1633A Shake			711574	MSH2	ELLE	10/09/25 14:16
Total/NA	Analysis	1633A		1	712226	UCD3	ELLE	10/10/25 19:46
Total/NA	Prep	3050B			1067708	GAE	EET EDI	10/11/25 20:55
Total/NA	Analysis	6020B		1	1067831	DLE	EET EDI	10/12/25 13:22
Total/NA	Prep	7471B			1068634	TJS	EET EDI	10/16/25 01:43
Total/NA	Analysis	7471B		1	1068757	TJS	EET EDI	10/16/25 08:26

Client Sample ID: 45A_6-12

Lab Sample ID: 460-336648-14

Date Collected: 10/07/25 09:05

Matrix: Solid

Date Received: 10/07/25 17:15

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Analysis	Moisture		1	1066875	CJC	EET EDI	10/08/25 18:34

Lab Chronicle

Client: Haley & Aldrich, Inc.
Project/Site: Former Port Mobil

Job ID: 460-336648-1

Client Sample ID: 45A_6-12

Lab Sample ID: 460-336648-14

Date Collected: 10/07/25 09:05
Matrix: Solid
Date Received: 10/07/25 17:15
Percent Solids: 95.8

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Prep	3546			1066911	GXY	EET EDI	10/08/25 20:51
Total/NA	Analysis	8270E		1	1066950	DXD	EET EDI	10/09/25 13:19
Total/NA	Prep	3546			1066852	ARA	EET EDI	10/08/25 16:51
Total/NA	Analysis	8081B		1	1066994	FAM	EET EDI	10/09/25 18:20
Total/NA	Prep	3546			1066848	ARA	EET EDI	10/08/25 16:43
Total/NA	Analysis	8082A		1	1067038	AAA	EET EDI	10/09/25 19:32
Total/NA	Prep	1633A Shake	DL		711574	MSH2	ELLE	10/09/25 14:16
Total/NA	Analysis	1633A	DL	10	711812	QY4X	ELLE	10/11/25 13:10
Total/NA	Prep	1633A Shake			711574	MSH2	ELLE	10/09/25 14:16
Total/NA	Analysis	1633A		1	712226	UCD3	ELLE	10/10/25 19:59
Total/NA	Prep	3050B			1067708	GAE	EET EDI	10/11/25 20:55
Total/NA	Analysis	6020B		1	1067831	DLE	EET EDI	10/12/25 13:25
Total/NA	Prep	7471B			1068634	TJS	EET EDI	10/16/25 01:43
Total/NA	Analysis	7471B		1	1068757	TJS	EET EDI	10/16/25 08:29

Client Sample ID: 45B_0-6

Lab Sample ID: 460-336648-15

Date Collected: 10/07/25 15:55
Matrix: Solid
Date Received: 10/07/25 17:15

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Analysis	Moisture		1	1066875	CJC	EET EDI	10/08/25 18:34

Client Sample ID: 45B_0-6

Lab Sample ID: 460-336648-15

Date Collected: 10/07/25 15:55
Matrix: Solid
Date Received: 10/07/25 17:15
Percent Solids: 95.3

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Prep	3546			1066911	GXY	EET EDI	10/08/25 20:51
Total/NA	Analysis	8270E		1	1066950	DXD	EET EDI	10/09/25 13:36
Total/NA	Prep	3546			1066852	ARA	EET EDI	10/08/25 16:51
Total/NA	Analysis	8081B		1	1066994	FAM	EET EDI	10/09/25 18:32
Total/NA	Prep	3546			1066848	ARA	EET EDI	10/08/25 16:43
Total/NA	Analysis	8082A		1	1067038	AAA	EET EDI	10/09/25 19:54
Total/NA	Prep	1633A Shake			711574	MSH2	ELLE	10/09/25 14:16
Total/NA	Analysis	1633A		1	712226	UCD3	ELLE	10/10/25 20:13
Total/NA	Prep	3050B			1067708	GAE	EET EDI	10/11/25 20:55
Total/NA	Analysis	6020B		1	1067831	DLE	EET EDI	10/12/25 13:27
Total/NA	Prep	7471B			1068634	TJS	EET EDI	10/16/25 01:43
Total/NA	Analysis	7471B		1	1068757	TJS	EET EDI	10/16/25 08:32

Client Sample ID: 45B_6-12

Lab Sample ID: 460-336648-16

Date Collected: 10/07/25 16:00

Matrix: Solid

Date Received: 10/07/25 17:15

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Analysis	Moisture		1	1066875	CJC	EET EDI	10/08/25 18:34

Client Sample ID: 45B_6-12

Lab Sample ID: 460-336648-16

Date Collected: 10/07/25 16:00

Matrix: Solid

Date Received: 10/07/25 17:15

Percent Solids: 95.3

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Prep	3546			1066911	GXY	EET EDI	10/08/25 20:51
Total/NA	Analysis	8270E		1	1066950	DXD	EET EDI	10/09/25 13:54
Total/NA	Prep	3546			1066852	ARA	EET EDI	10/08/25 16:51
Total/NA	Analysis	8081B		1	1066994	FAM	EET EDI	10/09/25 18:44
Total/NA	Prep	3546			1066848	ARA	EET EDI	10/08/25 16:43
Total/NA	Analysis	8082A		1	1067038	AAA	EET EDI	10/09/25 20:17
Total/NA	Prep	1633A Shake			711574	MSH2	ELLE	10/09/25 14:16
Total/NA	Analysis	1633A		1	712226	UCD3	ELLE	10/10/25 20:26
Total/NA	Prep	3050B			1067708	GAE	EET EDI	10/11/25 20:55
Total/NA	Analysis	6020B		1	1067831	DLE	EET EDI	10/12/25 13:30
Total/NA	Prep	7471B			1068634	TJS	EET EDI	10/16/25 01:43
Total/NA	Analysis	7471B		1	1068757	TJS	EET EDI	10/16/25 08:34

Client Sample ID: 45C_0-6

Lab Sample ID: 460-336648-17

Date Collected: 10/07/25 16:05

Matrix: Solid

Date Received: 10/07/25 17:15

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Analysis	Moisture		1	1066875	CJC	EET EDI	10/08/25 18:34

Client Sample ID: 45C_0-6

Lab Sample ID: 460-336648-17

Date Collected: 10/07/25 16:05

Matrix: Solid

Date Received: 10/07/25 17:15

Percent Solids: 93.7

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Prep	3546			1066911	GXY	EET EDI	10/08/25 20:51
Total/NA	Analysis	8270E		1	1066950	DXD	EET EDI	10/09/25 14:11
Total/NA	Prep	3546			1066852	ARA	EET EDI	10/08/25 16:51
Total/NA	Analysis	8081B		1	1066994	FAM	EET EDI	10/09/25 18:57
Total/NA	Prep	3546			1066848	ARA	EET EDI	10/08/25 16:43
Total/NA	Analysis	8082A		1	1067038	AAA	EET EDI	10/09/25 20:39
Total/NA	Prep	1633A Shake			711574	MSH2	ELLE	10/09/25 14:16
Total/NA	Analysis	1633A		1	712226	UCD3	ELLE	10/10/25 20:40
Total/NA	Prep	3050B			1067708	GAE	EET EDI	10/11/25 20:55
Total/NA	Analysis	6020B		1	1067831	DLE	EET EDI	10/12/25 13:38
Total/NA	Prep	7471B			1068634	TJS	EET EDI	10/16/25 01:43
Total/NA	Analysis	7471B		1	1068757	TJS	EET EDI	10/16/25 08:37

Client Sample ID: 45C_6-12
Lab Sample ID: 460-336648-18
Date Collected: 10/07/25 16:10
Matrix: Solid
Date Received: 10/07/25 17:15

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Analysis	Moisture		1	1066875	CJC	EET EDI	10/08/25 18:34

Client Sample ID: 45C_6-12
Lab Sample ID: 460-336648-18
Date Collected: 10/07/25 16:10
Matrix: Solid
Date Received: 10/07/25 17:15
Percent Solids: 90.9

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Prep	3546			1066911	GXY	EET EDI	10/08/25 20:51
Total/NA	Analysis	8270E		1	1066950	DXD	EET EDI	10/09/25 14:29
Total/NA	Prep	3546			1066852	ARA	EET EDI	10/08/25 16:51
Total/NA	Analysis	8081B		1	1066994	FAM	EET EDI	10/09/25 19:09
Total/NA	Prep	3546			1066848	ARA	EET EDI	10/08/25 16:43
Total/NA	Analysis	8082A		1	1067038	AAA	EET EDI	10/09/25 21:01
Total/NA	Prep	1633A Shake			711574	MSH2	ELLE	10/09/25 14:16
Total/NA	Analysis	1633A		1	712226	UCD3	ELLE	10/10/25 20:54
Total/NA	Prep	3050B			1067708	GAE	EET EDI	10/11/25 20:55
Total/NA	Analysis	6020B		1	1067831	DLE	EET EDI	10/12/25 13:41
Total/NA	Prep	7471B			1068634	TJS	EET EDI	10/16/25 01:43
Total/NA	Analysis	7471B		1	1068757	TJS	EET EDI	10/16/25 08:46

Client Sample ID: 49A_0-5
Lab Sample ID: 460-336648-19
Date Collected: 10/07/25 16:25
Matrix: Solid
Date Received: 10/07/25 17:15

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Analysis	Moisture		1	1066875	CJC	EET EDI	10/08/25 18:34

Client Sample ID: 49A_0-5
Lab Sample ID: 460-336648-19
Date Collected: 10/07/25 16:25
Matrix: Solid
Date Received: 10/07/25 17:15
Percent Solids: 94.6

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Prep	3546			1066911	GXY	EET EDI	10/08/25 20:51
Total/NA	Analysis	8270E		1	1066950	DXD	EET EDI	10/09/25 14:47
Total/NA	Prep	3546			1066852	ARA	EET EDI	10/08/25 16:51
Total/NA	Analysis	8081B		1	1066994	FAM	EET EDI	10/09/25 19:21
Total/NA	Prep	3546			1066848	ARA	EET EDI	10/08/25 16:43
Total/NA	Analysis	8082A		1	1067038	AAA	EET EDI	10/09/25 21:24
Total/NA	Prep	1633A Shake			711573	MSH2	ELLE	10/09/25 14:14
Total/NA	Analysis	1633A		1	712029	QY4X	ELLE	10/10/25 15:26
Total/NA	Prep	3050B			1067708	GAE	EET EDI	10/11/25 20:55
Total/NA	Analysis	6020B		1	1067831	DLE	EET EDI	10/12/25 13:44
Total/NA	Prep	7471B			1068634	TJS	EET EDI	10/16/25 01:43
Total/NA	Analysis	7471B		1	1068757	TJS	EET EDI	10/16/25 08:49

Lab Chronicle

Client: Haley & Aldrich, Inc.
Project/Site: Former Port Mobil

Job ID: 460-336648-1

Client Sample ID: 49A_5-10

Lab Sample ID: 460-336648-20

Date Collected: 10/07/25 14:30

Matrix: Solid

Date Received: 10/07/25 17:15

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Analysis	Moisture		1	1066875	CJC	EET EDI	10/08/25 18:34

Client Sample ID: 49A_5-10

Lab Sample ID: 460-336648-20

Date Collected: 10/07/25 14:30

Matrix: Solid

Date Received: 10/07/25 17:15

Percent Solids: 97.2

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Prep	3546			1066911	GXY	EET EDI	10/08/25 20:51
Total/NA	Analysis	8270E		1	1066950	DXD	EET EDI	10/09/25 15:04
Total/NA	Prep	3546			1066852	ARA	EET EDI	10/08/25 16:51
Total/NA	Analysis	8081B		1	1066994	FAM	EET EDI	10/09/25 19:34
Total/NA	Prep	3546			1066848	ARA	EET EDI	10/08/25 16:43
Total/NA	Analysis	8082A		1	1067038	AAA	EET EDI	10/09/25 21:46
Total/NA	Prep	1633A Shake			711573	MSH2	ELLE	10/09/25 14:14
Total/NA	Analysis	1633A		1	712029	QY4X	ELLE	10/10/25 15:39
Total/NA	Prep	3050B			1067708	GAE	EET EDI	10/11/25 20:55
Total/NA	Analysis	6020B		1	1067831	DLE	EET EDI	10/12/25 13:47
Total/NA	Prep	7471B			1068634	TJS	EET EDI	10/16/25 01:43
Total/NA	Analysis	7471B		1	1068757	TJS	EET EDI	10/16/25 08:52

Client Sample ID: 49B_0-5

Lab Sample ID: 460-336648-21

Date Collected: 10/07/25 14:35

Matrix: Solid

Date Received: 10/07/25 17:15

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Analysis	Moisture		1	1066875	CJC	EET EDI	10/08/25 18:34

Client Sample ID: 49B_0-5

Lab Sample ID: 460-336648-21

Date Collected: 10/07/25 14:35

Matrix: Solid

Date Received: 10/07/25 17:15

Percent Solids: 97.2

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Prep	3546			1066909	GXY	EET EDI	10/08/25 20:50
Total/NA	Analysis	8270E		1	1067021	SK	EET EDI	10/09/25 13:49
Total/NA	Prep	3546			1066853	ARA	EET EDI	10/08/25 16:54
Total/NA	Analysis	8081B		1	1066994	FAM	EET EDI	10/09/25 20:23
Total/NA	Prep	3546			1066850	ARA	EET EDI	10/08/25 16:45
Total/NA	Analysis	8082A		1	1067141	AAA	EET EDI	10/09/25 20:57
Total/NA	Prep	1633A Shake			711573	MSH2	ELLE	10/09/25 14:14
Total/NA	Analysis	1633A		1	712029	QY4X	ELLE	10/10/25 15:53
Total/NA	Prep	3050B			1067708	GAE	EET EDI	10/11/25 20:55
Total/NA	Analysis	6020B		1	1067831	DLE	EET EDI	10/12/25 13:49
Total/NA	Prep	7471B			1068634	TJS	EET EDI	10/16/25 01:43
Total/NA	Analysis	7471B		1	1068757	TJS	EET EDI	10/16/25 08:55

Client Sample ID: 49B_5-10 — **Lab Sample ID: 460-336648-22**
Date Collected: 10/07/25 14:40 — **Matrix: Solid**
Date Received: 10/07/25 17:15

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Analysis	Moisture		1	1066875	CJC	EET EDI	10/08/25 18:34

Client Sample ID: 49B_5-10 — **Lab Sample ID: 460-336648-22**
Date Collected: 10/07/25 14:40 — **Matrix: Solid**
Date Received: 10/07/25 17:15 — **Percent Solids: 96.7**

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Prep	3546			1066909	GXY	EET EDI	10/08/25 20:50
Total/NA	Analysis	8270E		1	1067021	SK	EET EDI	10/09/25 14:11
Total/NA	Prep	3546			1066853	ARA	EET EDI	10/08/25 16:54
Total/NA	Analysis	8081B		1	1066994	FAM	EET EDI	10/09/25 21:00
Total/NA	Prep	3546			1066850	ARA	EET EDI	10/08/25 16:45
Total/NA	Analysis	8082A		1	1067141	AAA	EET EDI	10/09/25 21:13
Total/NA	Prep	1633A Shake			711573	MSH2	ELLE	10/09/25 14:14
Total/NA	Analysis	1633A		1	712029	QY4X	ELLE	10/10/25 16:06
Total/NA	Prep	3050B			1067708	GAE	EET EDI	10/11/25 20:55
Total/NA	Analysis	6020B		1	1067831	DLE	EET EDI	10/12/25 13:52
Total/NA	Prep	7471B			1068634	TJS	EET EDI	10/16/25 01:43
Total/NA	Analysis	7471B		1	1068757	TJS	EET EDI	10/16/25 08:58

Client Sample ID: 44A1_1-2 — **Lab Sample ID: 460-336648-23**
Date Collected: 10/07/25 09:10 — **Matrix: Solid**
Date Received: 10/07/25 17:15

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Analysis	Moisture		1	1067818	CJC	EET EDI	10/12/25 15:03

Client Sample ID: 44A1_1-2 — **Lab Sample ID: 460-336648-23**
Date Collected: 10/07/25 09:10 — **Matrix: Solid**
Date Received: 10/07/25 17:15 — **Percent Solids: 97.3**

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Prep	5035			1067371	JCZ	EET EDI	10/10/25 10:22
Total/NA	Analysis	8260D		1	1067163	EMM	EET EDI	10/10/25 12:48

Client Sample ID: 44A2_2-3 — **Lab Sample ID: 460-336648-24**
Date Collected: 10/07/25 09:15 — **Matrix: Solid**
Date Received: 10/07/25 17:15

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Analysis	Moisture		1	1067818	CJC	EET EDI	10/12/25 15:03

Client Sample ID: 44A2_2-3 — **Lab Sample ID: 460-336648-24**
Date Collected: 10/07/25 09:15 — **Matrix: Solid**
Date Received: 10/07/25 17:15 — **Percent Solids: 99.0**

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Prep	5035			1067371	JCZ	EET EDI	10/10/25 10:22
Total/NA	Analysis	8260D		1	1067163	EMM	EET EDI	10/10/25 13:11

Client Sample ID: 44A3_3-4 — **Lab Sample ID: 460-336648-25**
Date Collected: 10/07/25 09:20 — **Matrix: Solid**
Date Received: 10/07/25 17:15

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Analysis	Moisture		1	1067818	CJC	EET EDI	10/12/25 15:03

Client Sample ID: 44A3_3-4 — **Lab Sample ID: 460-336648-25**
Date Collected: 10/07/25 09:20 — **Matrix: Solid**
Date Received: 10/07/25 17:15 — **Percent Solids: 95.5**

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Prep	5035			1067371	JCZ	EET EDI	10/10/25 10:22
Total/NA	Analysis	8260D		1	1067163	EMM	EET EDI	10/10/25 13:34

Client Sample ID: 44A1_4-5 — **Lab Sample ID: 460-336648-26**
Date Collected: 10/07/25 09:25 — **Matrix: Solid**
Date Received: 10/07/25 17:15

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Analysis	Moisture		1	1067818	CJC	EET EDI	10/12/25 15:03

Client Sample ID: 44A1_4-5 — **Lab Sample ID: 460-336648-26**
Date Collected: 10/07/25 09:25 — **Matrix: Solid**
Date Received: 10/07/25 17:15 — **Percent Solids: 98.4**

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Prep	5035			1067371	JCZ	EET EDI	10/10/25 10:22
Total/NA	Analysis	8260D		1	1067163	EMM	EET EDI	10/10/25 13:57

Client Sample ID: 44A2_5-6 — **Lab Sample ID: 460-336648-27**
Date Collected: 10/07/25 09:30 — **Matrix: Solid**
Date Received: 10/07/25 17:15

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Analysis	Moisture		1	1067818	CJC	EET EDI	10/12/25 15:03

Client Sample ID: 44A2_5-6 — **Lab Sample ID: 460-336648-27**
Date Collected: 10/07/25 09:30 — **Matrix: Solid**
Date Received: 10/07/25 17:15 — **Percent Solids: 99.2**

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Prep	5035			1067371	JCZ	EET EDI	10/10/25 10:23
Total/NA	Analysis	8260D		1	1067163	EMM	EET EDI	10/10/25 14:20

Client Sample ID: 44A3_6-7 — **Lab Sample ID: 460-336648-28**
Date Collected: 10/07/25 09:35 — **Matrix: Solid**
Date Received: 10/07/25 17:15

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Analysis	Moisture		1	1067818	CJC	EET EDI	10/12/25 15:03

Client Sample ID: 44A3_6-7 — **Lab Sample ID: 460-336648-28**
Date Collected: 10/07/25 09:35 — **Matrix: Solid**
Date Received: 10/07/25 17:15 — **Percent Solids: 99.5**

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Prep	5035			1067371	JCZ	EET EDI	10/10/25 10:23
Total/NA	Analysis	8260D		1	1067163	EMM	EET EDI	10/10/25 15:06

Client Sample ID: 44A1_7-8 — **Lab Sample ID: 460-336648-29**
Date Collected: 10/07/25 09:40 — **Matrix: Solid**
Date Received: 10/07/25 17:15

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Analysis	Moisture		1	1067818	CJC	EET EDI	10/12/25 15:03

Client Sample ID: 44A1_7-8 — **Lab Sample ID: 460-336648-29**
Date Collected: 10/07/25 09:40 — **Matrix: Solid**
Date Received: 10/07/25 17:15 — **Percent Solids: 98.9**

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Prep	5035			1067371	JCZ	EET EDI	10/10/25 10:23
Total/NA	Analysis	8260D		1	1067163	EMM	EET EDI	10/10/25 14:43

Client Sample ID: 44B1_1-2 — **Lab Sample ID: 460-336648-30**
Date Collected: 10/07/25 09:45 — **Matrix: Solid**
Date Received: 10/07/25 17:15

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Analysis	Moisture		1	1067818	CJC	EET EDI	10/12/25 15:03

Client Sample ID: 44B1_1-2 — **Lab Sample ID: 460-336648-30**
Date Collected: 10/07/25 09:45 — **Matrix: Solid**
Date Received: 10/07/25 17:15 — **Percent Solids: 98.2**

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Prep	5035			1067371	JCZ	EET EDI	10/10/25 10:23
Total/NA	Analysis	8260D		1	1067163	EMM	EET EDI	10/10/25 15:29

Client Sample ID: 44B2_2-3 — **Lab Sample ID: 460-336648-31**
Date Collected: 10/07/25 09:50 — **Matrix: Solid**
Date Received: 10/07/25 17:15

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Analysis	Moisture		1	1067818	CJC	EET EDI	10/12/25 15:03

Client Sample ID: 44B2_2-3 — **Lab Sample ID: 460-336648-31**
Date Collected: 10/07/25 09:50 — **Matrix: Solid**
Date Received: 10/07/25 17:15 — **Percent Solids: 97.9**

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Prep	5035			1067371	JCZ	EET EDI	10/10/25 10:24
Total/NA	Analysis	8260D		1	1067163	EMM	EET EDI	10/10/25 15:52

Client Sample ID: 44B3_3-4 — **Lab Sample ID: 460-336648-32**
Date Collected: 10/07/25 09:55 — **Matrix: Solid**
Date Received: 10/07/25 17:15

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Analysis	Moisture		1	1067818	CJC	EET EDI	10/12/25 15:03

Client Sample ID: 44B3_3-4 — **Lab Sample ID: 460-336648-32**
Date Collected: 10/07/25 09:55 — **Matrix: Solid**
Date Received: 10/07/25 17:15 — **Percent Solids: 98.9**

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Prep	5035			1067371	JCZ	EET EDI	10/10/25 10:24
Total/NA	Analysis	8260D		1	1067163	EMM	EET EDI	10/10/25 16:15

Client Sample ID: 44B1_4-5 — **Lab Sample ID: 460-336648-33**
Date Collected: 10/07/25 10:00 — **Matrix: Solid**
Date Received: 10/07/25 17:15

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Analysis	Moisture		1	1067818	CJC	EET EDI	10/12/25 15:03

Lab Chronicle

Client: Haley & Aldrich, Inc.
Project/Site: Former Port Mobil

Job ID: 460-336648-1

Client Sample ID: 44B1_4-5

Lab Sample ID: 460-336648-33
Date Collected: 10/07/25 10:00
Matrix: Solid
Date Received: 10/07/25 17:15
Percent Solids: 98.4

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Prep	5035			1067371	JCZ	EET EDI	10/10/25 10:24
Total/NA	Analysis	8260D		1	1067163	EMM	EET EDI	10/10/25 16:38

Client Sample ID: 44B2_5-6

Lab Sample ID: 460-336648-34
Date Collected: 10/07/25 10:05
Matrix: Solid
Date Received: 10/07/25 17:15

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Analysis	Moisture		1	1067818	CJC	EET EDI	10/12/25 15:03

Client Sample ID: 44B2_5-6

Lab Sample ID: 460-336648-34
Date Collected: 10/07/25 10:05
Matrix: Solid
Date Received: 10/07/25 17:15
Percent Solids: 90.0

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Prep	5035			1067371	JCZ	EET EDI	10/10/25 10:25
Total/NA	Analysis	8260D		1	1067163	EMM	EET EDI	10/10/25 17:01

Client Sample ID: 44B3_6-7

Lab Sample ID: 460-336648-35
Date Collected: 10/07/25 10:10
Matrix: Solid
Date Received: 10/07/25 17:15

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Analysis	Moisture		1	1067818	CJC	EET EDI	10/12/25 15:03

Client Sample ID: 44B3_6-7

Lab Sample ID: 460-336648-35
Date Collected: 10/07/25 10:10
Matrix: Solid
Date Received: 10/07/25 17:15
Percent Solids: 95.8

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Prep	5035			1067371	JCZ	EET EDI	10/10/25 10:25
Total/NA	Analysis	8260D		1	1067163	EMM	EET EDI	10/10/25 17:24

Client Sample ID: 44B1_7-8

Lab Sample ID: 460-336648-36
Date Collected: 10/07/25 10:15
Matrix: Solid
Date Received: 10/07/25 17:15

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Analysis	Moisture		1	1067818	CJC	EET EDI	10/12/25 15:03

Client Sample ID: 44B1_7-8 — **Lab Sample ID: 460-336648-36**
Date Collected: 10/07/25 10:15 — **Matrix: Solid**
Date Received: 10/07/25 17:15 — **Percent Solids: 93.6**

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Prep	5035			1067371	JCZ	EET EDI	10/10/25 10:25
Total/NA	Analysis	8260D		1	1067163	EMM	EET EDI	10/10/25 17:47

Client Sample ID: 44C1_1-2 — **Lab Sample ID: 460-336648-37**
Date Collected: 10/07/25 10:20 — **Matrix: Solid**
Date Received: 10/07/25 17:15

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Analysis	Moisture		1	1067818	CJC	EET EDI	10/12/25 15:03

Client Sample ID: 44C1_1-2 — **Lab Sample ID: 460-336648-37**
Date Collected: 10/07/25 10:20 — **Matrix: Solid**
Date Received: 10/07/25 17:15 — **Percent Solids: 96.5**

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Prep	5035			1067371	JCZ	EET EDI	10/10/25 10:25
Total/NA	Analysis	8260D		1	1067163	EMM	EET EDI	10/10/25 18:10

Client Sample ID: 44C2_2-3 — **Lab Sample ID: 460-336648-38**
Date Collected: 10/07/25 10:25 — **Matrix: Solid**
Date Received: 10/07/25 17:15

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Analysis	Moisture		1	1067818	CJC	EET EDI	10/12/25 15:03

Client Sample ID: 44C2_2-3 — **Lab Sample ID: 460-336648-38**
Date Collected: 10/07/25 10:25 — **Matrix: Solid**
Date Received: 10/07/25 17:15 — **Percent Solids: 95.2**

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Prep	5035			1067371	JCZ	EET EDI	10/10/25 10:26
Total/NA	Analysis	8260D		1	1067398	EMM	EET EDI	10/10/25 21:14

Client Sample ID: 44C3_3-4 — **Lab Sample ID: 460-336648-39**
Date Collected: 10/07/25 10:30 — **Matrix: Solid**
Date Received: 10/07/25 17:15

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Analysis	Moisture		1	1067818	CJC	EET EDI	10/12/25 15:03

Lab Chronicle

Client: Haley & Aldrich, Inc.
Project/Site: Former Port Mobil

Job ID: 460-336648-1

Client Sample ID: 44C3_3-4
Lab Sample ID: 460-336648-39
Date Collected: 10/07/25 10:30
Matrix: Solid
Date Received: 10/07/25 17:15
Percent Solids: 96.3

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Prep	5035			1067371	JCZ	EET EDI	10/10/25 10:26
Total/NA	Analysis	8260D		1	1067398	EMM	EET EDI	10/10/25 21:38

Client Sample ID: 44C1_4-5
Lab Sample ID: 460-336648-40
Date Collected: 10/07/25 10:35
Matrix: Solid
Date Received: 10/07/25 17:15

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Analysis	Moisture		1	1067818	CJC	EET EDI	10/12/25 15:03

Client Sample ID: 44C1_4-5
Lab Sample ID: 460-336648-40
Date Collected: 10/07/25 10:35
Matrix: Solid
Date Received: 10/07/25 17:15
Percent Solids: 98.0

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Prep	5035			1067371	JCZ	EET EDI	10/10/25 10:26
Total/NA	Analysis	8260D		1	1067398	EMM	EET EDI	10/10/25 22:02

Client Sample ID: 44C2_5-6
Lab Sample ID: 460-336648-41
Date Collected: 10/07/25 10:40
Matrix: Solid
Date Received: 10/07/25 17:15

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Analysis	Moisture		1	1067818	CJC	EET EDI	10/12/25 15:03

Client Sample ID: 44C2_5-6
Lab Sample ID: 460-336648-41
Date Collected: 10/07/25 10:40
Matrix: Solid
Date Received: 10/07/25 17:15
Percent Solids: 96.2

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Prep	5035			1067371	JCZ	EET EDI	10/10/25 10:27
Total/NA	Analysis	8260D		1	1067398	EMM	EET EDI	10/10/25 22:24

Client Sample ID: 44C3_6-7
Lab Sample ID: 460-336648-42
Date Collected: 10/07/25 10:45
Matrix: Solid
Date Received: 10/07/25 17:15

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Analysis	Moisture		1	1067818	CJC	EET EDI	10/12/25 15:03

Lab Chronicle

Client: Haley & Aldrich, Inc.
Project/Site: Former Port Mobil

Job ID: 460-336648-1

Client Sample ID: 44C3_6-7 — **Lab Sample ID: 460-336648-42**
Date Collected: 10/07/25 10:45 — **Matrix: Solid**
Date Received: 10/07/25 17:15 — **Percent Solids: 98.6**

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Prep	5035			1067371	JCZ	EET EDI	10/10/25 10:27
Total/NA	Analysis	8260D		1	1067398	EMM	EET EDI	10/10/25 22:47

Client Sample ID: 44C1_7-8 — **Lab Sample ID: 460-336648-43**
Date Collected: 10/07/25 10:50 — **Matrix: Solid**
Date Received: 10/07/25 17:15

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Analysis	Moisture		1	1067818	CJC	EET EDI	10/12/25 15:03

Client Sample ID: 44C1_7-8 — **Lab Sample ID: 460-336648-43**
Date Collected: 10/07/25 10:50 — **Matrix: Solid**
Date Received: 10/07/25 17:15 — **Percent Solids: 98.9**

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Prep	5035			1067371	JCZ	EET EDI	10/10/25 10:27
Total/NA	Analysis	8260D		1	1067398	EMM	EET EDI	10/10/25 23:10

Client Sample ID: 44D1_1-2 — **Lab Sample ID: 460-336648-44**
Date Collected: 10/07/25 10:55 — **Matrix: Solid**
Date Received: 10/07/25 17:15

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Analysis	Moisture		1	1067818	CJC	EET EDI	10/12/25 15:03

Client Sample ID: 44D1_1-2 — **Lab Sample ID: 460-336648-44**
Date Collected: 10/07/25 10:55 — **Matrix: Solid**
Date Received: 10/07/25 17:15 — **Percent Solids: 97.2**

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Prep	5035			1067371	JCZ	EET EDI	10/10/25 10:27
Total/NA	Analysis	8260D		1	1067398	EMM	EET EDI	10/10/25 23:33

Client Sample ID: 44D2_2-3 — **Lab Sample ID: 460-336648-45**
Date Collected: 10/07/25 11:00 — **Matrix: Solid**
Date Received: 10/07/25 17:15

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Analysis	Moisture		1	1067818	CJC	EET EDI	10/12/25 15:03

Lab Chronicle

Client: Haley & Aldrich, Inc.
Project/Site: Former Port Mobil

Job ID: 460-336648-1

Client Sample ID: 44D2_2-3
Lab Sample ID: 460-336648-45
Date Collected: 10/07/25 11:00
Matrix: Solid
Date Received: 10/07/25 17:15
Percent Solids: 97.6

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Prep	5035			1067371	JCZ	EET EDI	10/10/25 10:28
Total/NA	Analysis	8260D		1	1067398	EMM	EET EDI	10/10/25 23:56

Client Sample ID: 44D3_3-4
Lab Sample ID: 460-336648-46
Date Collected: 10/07/25 11:05
Matrix: Solid
Date Received: 10/07/25 17:15

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Analysis	Moisture		1	1067818	CJC	EET EDI	10/12/25 15:03

Client Sample ID: 44D3_3-4
Lab Sample ID: 460-336648-46
Date Collected: 10/07/25 11:05
Matrix: Solid
Date Received: 10/07/25 17:15
Percent Solids: 93.8

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Prep	5035			1067371	JCZ	EET EDI	10/10/25 10:28
Total/NA	Analysis	8260D		1	1067398	EMM	EET EDI	10/11/25 00:19

Client Sample ID: 44D1_4-5
Lab Sample ID: 460-336648-47
Date Collected: 10/07/25 11:10
Matrix: Solid
Date Received: 10/07/25 17:15

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Analysis	Moisture		1	1067818	CJC	EET EDI	10/12/25 15:03

Client Sample ID: 44D1_4-5
Lab Sample ID: 460-336648-47
Date Collected: 10/07/25 11:10
Matrix: Solid
Date Received: 10/07/25 17:15
Percent Solids: 91.8

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Prep	5035			1067371	JCZ	EET EDI	10/10/25 10:28
Total/NA	Analysis	8260D		1	1067398	EMM	EET EDI	10/11/25 00:42

Client Sample ID: 44D2_5-6
Lab Sample ID: 460-336648-48
Date Collected: 10/07/25 11:15
Matrix: Solid
Date Received: 10/07/25 17:15

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Analysis	Moisture		1	1067818	CJC	EET EDI	10/12/25 15:03

Lab Chronicle

Client: Haley & Aldrich, Inc.
Project/Site: Former Port Mobil

Job ID: 460-336648-1

Client Sample ID: 44D2_5-6 — **Lab Sample ID: 460-336648-48**
Date Collected: 10/07/25 11:15 — **Matrix: Solid**
Date Received: 10/07/25 17:15 — **Percent Solids: 96.5**

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Prep	5035			1067376	JCZ	EET EDI	10/10/25 10:41
Total/NA	Analysis	8260D		1	1067398	EMM	EET EDI	10/11/25 01:05

Client Sample ID: 44D3_6-7 — **Lab Sample ID: 460-336648-49**
Date Collected: 10/07/25 11:20 — **Matrix: Solid**
Date Received: 10/07/25 17:15

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Analysis	Moisture		1	1067818	CJC	EET EDI	10/12/25 15:03

Client Sample ID: 44D3_6-7 — **Lab Sample ID: 460-336648-49**
Date Collected: 10/07/25 11:20 — **Matrix: Solid**
Date Received: 10/07/25 17:15 — **Percent Solids: 95.4**

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Prep	5035			1067376	JCZ	EET EDI	10/10/25 10:41
Total/NA	Analysis	8260D		1	1067398	EMM	EET EDI	10/11/25 01:28

Client Sample ID: 44D2_7-8 — **Lab Sample ID: 460-336648-50**
Date Collected: 10/07/25 11:25 — **Matrix: Solid**
Date Received: 10/07/25 17:15

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Analysis	Moisture		1	1067818	CJC	EET EDI	10/12/25 15:03

Client Sample ID: 44D2_7-8 — **Lab Sample ID: 460-336648-50**
Date Collected: 10/07/25 11:25 — **Matrix: Solid**
Date Received: 10/07/25 17:15 — **Percent Solids: 97.5**

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Prep	5035			1067376	JCZ	EET EDI	10/10/25 10:41
Total/NA	Analysis	8260D		1	1067398	EMM	EET EDI	10/11/25 01:51

Client Sample ID: 44E1_1-2 — **Lab Sample ID: 460-336648-51**
Date Collected: 10/07/25 11:30 — **Matrix: Solid**
Date Received: 10/07/25 17:15

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Analysis	Moisture		1	1067818	CJC	EET EDI	10/12/25 15:03

Client Sample ID: 44E1_1-2 — **Lab Sample ID: 460-336648-51**
Date Collected: 10/07/25 11:30 — **Matrix: Solid**
Date Received: 10/07/25 17:15 — **Percent Solids: 97.0**

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Prep	5035			1067376	JCZ	EET EDI	10/10/25 10:41
Total/NA	Analysis	8260D		1	1067398	EMM	EET EDI	10/11/25 02:14

Client Sample ID: 44E2_2-3 — **Lab Sample ID: 460-336648-52**
Date Collected: 10/07/25 11:35 — **Matrix: Solid**
Date Received: 10/07/25 17:15

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Analysis	Moisture		1	1067818	CJC	EET EDI	10/12/25 15:03

Client Sample ID: 44E2_2-3 — **Lab Sample ID: 460-336648-52**
Date Collected: 10/07/25 11:35 — **Matrix: Solid**
Date Received: 10/07/25 17:15 — **Percent Solids: 98.5**

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Prep	5035			1067376	JCZ	EET EDI	10/10/25 10:42
Total/NA	Analysis	8260D		1	1067398	EMM	EET EDI	10/11/25 02:37

Client Sample ID: 44E3_3-4 — **Lab Sample ID: 460-336648-53**
Date Collected: 10/07/25 11:40 — **Matrix: Solid**
Date Received: 10/07/25 17:15

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Analysis	Moisture		1	1067818	CJC	EET EDI	10/12/25 15:03

Client Sample ID: 44E3_3-4 — **Lab Sample ID: 460-336648-53**
Date Collected: 10/07/25 11:40 — **Matrix: Solid**
Date Received: 10/07/25 17:15 — **Percent Solids: 98.9**

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Prep	5035			1067376	JCZ	EET EDI	10/10/25 10:42
Total/NA	Analysis	8260D		1	1067398	EMM	EET EDI	10/11/25 03:00

Client Sample ID: 44E1_5-6 — **Lab Sample ID: 460-336648-54**
Date Collected: 10/07/25 11:45 — **Matrix: Solid**
Date Received: 10/07/25 17:15

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Analysis	Moisture		1	1067818	CJC	EET EDI	10/12/25 15:03

Client Sample ID: 44E1_5-6 — **Lab Sample ID: 460-336648-54**
Date Collected: 10/07/25 11:45 — **Matrix: Solid**
Date Received: 10/07/25 17:15 — **Percent Solids: 95.9**

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Prep	5035			1067376	JCZ	EET EDI	10/10/25 10:42
Total/NA	Analysis	8260D		1	1067398	EMM	EET EDI	10/11/25 03:23

Client Sample ID: 44E2_6-7 — **Lab Sample ID: 460-336648-55**
Date Collected: 10/07/25 11:50 — **Matrix: Solid**
Date Received: 10/07/25 17:15

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Analysis	Moisture		1	1067818	CJC	EET EDI	10/12/25 15:03

Client Sample ID: 44E2_6-7 — **Lab Sample ID: 460-336648-55**
Date Collected: 10/07/25 11:50 — **Matrix: Solid**
Date Received: 10/07/25 17:15 — **Percent Solids: 96.1**

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Prep	5035			1067376	JCZ	EET EDI	10/10/25 10:43
Total/NA	Analysis	8260D		1	1067398	EMM	EET EDI	10/11/25 03:46

Client Sample ID: 44E2_7-8 — **Lab Sample ID: 460-336648-56**
Date Collected: 10/07/25 11:55 — **Matrix: Solid**
Date Received: 10/07/25 17:15

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Analysis	Moisture		1	1067818	CJC	EET EDI	10/12/25 15:03

Client Sample ID: 44E2_7-8 — **Lab Sample ID: 460-336648-56**
Date Collected: 10/07/25 11:55 — **Matrix: Solid**
Date Received: 10/07/25 17:15 — **Percent Solids: 94.1**

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Prep	5035			1067376	JCZ	EET EDI	10/10/25 10:43
Total/NA	Analysis	8260D		1	1067398	EMM	EET EDI	10/11/25 04:09

Client Sample ID: 44E3_4-5 — **Lab Sample ID: 460-336648-57**
Date Collected: 10/07/25 12:00 — **Matrix: Solid**
Date Received: 10/07/25 17:15

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Analysis	Moisture		1	1067818	CJC	EET EDI	10/12/25 15:03

Lab Chronicle

Client: Haley & Aldrich, Inc.
Project/Site: Former Port Mobil

Job ID: 460-336648-1

Client Sample ID: 44E3_4-5
Date Collected: 10/07/25 12:00
Date Received: 10/07/25 17:15

Lab Sample ID: 460-336648-57
Matrix: Solid
Percent Solids: 96.0

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Prep	5035			1067376	JCZ	EET EDI	10/10/25 10:43
Total/NA	Analysis	8260D		1	1067398	EMM	EET EDI	10/11/25 04:32

Client Sample ID: 44F1_1-2
Date Collected: 10/07/25 12:05
Date Received: 10/07/25 17:15

Lab Sample ID: 460-336648-58
Matrix: Solid

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Analysis	Moisture		1	1067818	CJC	EET EDI	10/12/25 15:03

Client Sample ID: 44F1_1-2
Date Collected: 10/07/25 12:05
Date Received: 10/07/25 17:15

Lab Sample ID: 460-336648-58
Matrix: Solid
Percent Solids: 89.8

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Prep	5035			1067376	JCZ	EET EDI	10/10/25 10:44
Total/NA	Analysis	8260D		1	1067399	EMM	EET EDI	10/11/25 07:37

Client Sample ID: 44F2_2-3
Date Collected: 10/07/25 12:10
Date Received: 10/07/25 17:15

Lab Sample ID: 460-336648-59
Matrix: Solid

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Analysis	Moisture		1	1067818	CJC	EET EDI	10/12/25 15:03

Client Sample ID: 44F2_2-3
Date Collected: 10/07/25 12:10
Date Received: 10/07/25 17:15

Lab Sample ID: 460-336648-59
Matrix: Solid
Percent Solids: 93.9

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Prep	5035			1067376	JCZ	EET EDI	10/10/25 10:44
Total/NA	Analysis	8260D		1	1067399	EMM	EET EDI	10/11/25 08:00

Client Sample ID: 44F3_4-5
Date Collected: 10/07/25 12:15
Date Received: 10/07/25 17:15

Lab Sample ID: 460-336648-60
Matrix: Solid

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Analysis	Moisture		1	1067818	CJC	EET EDI	10/12/25 15:03

Lab Chronicle

Client: Haley & Aldrich, Inc.
Project/Site: Former Port Mobil

Job ID: 460-336648-1

Client Sample ID: 44F3_4-5
Lab Sample ID: 460-336648-60
Date Collected: 10/07/25 12:15
Matrix: Solid
Date Received: 10/07/25 17:15
Percent Solids: 97.4

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Prep	5035			1067376	JCZ	EET EDI	10/10/25 10:44
Total/NA	Analysis	8260D		1	1067399	EMM	EET EDI	10/11/25 08:23

Client Sample ID: 44F1_5-6
Lab Sample ID: 460-336648-61
Date Collected: 10/07/25 12:20
Matrix: Solid
Date Received: 10/07/25 17:15

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Analysis	Moisture		1	1067818	CJC	EET EDI	10/12/25 15:03

Client Sample ID: 44F1_5-6
Lab Sample ID: 460-336648-61
Date Collected: 10/07/25 12:20
Matrix: Solid
Date Received: 10/07/25 17:15
Percent Solids: 92.2

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Prep	5035			1067376	JCZ	EET EDI	10/10/25 10:45
Total/NA	Analysis	8260D		1	1067399	EMM	EET EDI	10/11/25 08:46

Client Sample ID: 44F2_6-7
Lab Sample ID: 460-336648-62
Date Collected: 10/07/25 12:25
Matrix: Solid
Date Received: 10/07/25 17:15

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Analysis	Moisture		1	1067818	CJC	EET EDI	10/12/25 15:03

Client Sample ID: 44F2_6-7
Lab Sample ID: 460-336648-62
Date Collected: 10/07/25 12:25
Matrix: Solid
Date Received: 10/07/25 17:15
Percent Solids: 94.2

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Prep	5035			1067376	JCZ	EET EDI	10/10/25 10:45
Total/NA	Analysis	8260D		1	1067399	EMM	EET EDI	10/11/25 09:09

Client Sample ID: 44F3_7-8
Lab Sample ID: 460-336648-63
Date Collected: 10/07/25 12:30
Matrix: Solid
Date Received: 10/07/25 17:15

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Analysis	Moisture		1	1067819	CJC	EET EDI	10/12/25 15:03

Lab Chronicle

Client: Haley & Aldrich, Inc.
Project/Site: Former Port Mobil

Job ID: 460-336648-1

Client Sample ID: 44F3_7-8

Lab Sample ID: 460-336648-63

Date Collected: 10/07/25 12:30
Matrix: Solid
Date Received: 10/07/25 17:15
Percent Solids: 98.6

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Prep	5035			1067376	JCZ	EET EDI	10/10/25 10:45
Total/NA	Analysis	8260D		1	1067399	EMM	EET EDI	10/11/25 09:32

Client Sample ID: 44F1_7-8

Lab Sample ID: 460-336648-64

Date Collected: 10/07/25 12:35
Matrix: Solid
Date Received: 10/07/25 17:15

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Analysis	Moisture		1	1067819	CJC	EET EDI	10/12/25 15:03

Client Sample ID: 44F1_7-8

Lab Sample ID: 460-336648-64

Date Collected: 10/07/25 12:35
Matrix: Solid
Date Received: 10/07/25 17:15
Percent Solids: 95.5

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Prep	5035			1067376	JCZ	EET EDI	10/10/25 10:46
Total/NA	Analysis	8260D		1	1067399	EMM	EET EDI	10/11/25 09:55

Client Sample ID: 45A1_1-2

Lab Sample ID: 460-336648-65

Date Collected: 10/07/25 12:40
Matrix: Solid
Date Received: 10/07/25 17:15

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Analysis	Moisture		1	1067819	CJC	EET EDI	10/12/25 15:03

Client Sample ID: 45A1_1-2

Lab Sample ID: 460-336648-65

Date Collected: 10/07/25 12:40
Matrix: Solid
Date Received: 10/07/25 17:15
Percent Solids: 99.1

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Prep	5035			1067376	JCZ	EET EDI	10/10/25 10:46
Total/NA	Analysis	8260D		1	1067399	EMM	EET EDI	10/11/25 10:18

Client Sample ID: 45A2_2-3

Lab Sample ID: 460-336648-66

Date Collected: 10/07/25 12:45
Matrix: Solid
Date Received: 10/07/25 17:15

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Analysis	Moisture		1	1067819	CJC	EET EDI	10/12/25 15:03

Lab Chronicle

Client: Haley & Aldrich, Inc.
Project/Site: Former Port Mobil

Job ID: 460-336648-1

Client Sample ID: 45A2_2-3 — **Lab Sample ID: 460-336648-66**
Date Collected: 10/07/25 12:45 — **Matrix: Solid**
Date Received: 10/07/25 17:15 — **Percent Solids: 98.5**

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Prep	5035			1067376	JCZ	EET EDI	10/10/25 10:46
Total/NA	Analysis	8260D		1	1067399	EMM	EET EDI	10/11/25 10:41

Client Sample ID: 45A3_4-5 — **Lab Sample ID: 460-336648-67**
Date Collected: 10/07/25 12:50 — **Matrix: Solid**
Date Received: 10/07/25 17:15

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Analysis	Moisture		1	1067819	CJC	EET EDI	10/12/25 15:03

Client Sample ID: 45A3_4-5 — **Lab Sample ID: 460-336648-67**
Date Collected: 10/07/25 12:50 — **Matrix: Solid**
Date Received: 10/07/25 17:15 — **Percent Solids: 98.7**

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Prep	5035			1067376	JCZ	EET EDI	10/10/25 10:47
Total/NA	Analysis	8260D		1	1067399	EMM	EET EDI	10/11/25 11:04

Client Sample ID: 45A1_5-6 — **Lab Sample ID: 460-336648-68**
Date Collected: 10/07/25 12:55 — **Matrix: Solid**
Date Received: 10/07/25 17:15

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Analysis	Moisture		1	1067819	CJC	EET EDI	10/12/25 15:03

Client Sample ID: 45A1_5-6 — **Lab Sample ID: 460-336648-68**
Date Collected: 10/07/25 12:55 — **Matrix: Solid**
Date Received: 10/07/25 17:15 — **Percent Solids: 97.6**

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Prep	5035			1067376	JCZ	EET EDI	10/10/25 10:47
Total/NA	Analysis	8260D		1	1067399	EMM	EET EDI	10/11/25 11:27

Client Sample ID: 45A2_7-8 — **Lab Sample ID: 460-336648-69**
Date Collected: 10/07/25 13:00 — **Matrix: Solid**
Date Received: 10/07/25 17:15

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Analysis	Moisture		1	1067819	CJC	EET EDI	10/12/25 15:03

Lab Chronicle

Client: Haley & Aldrich, Inc.
Project/Site: Former Port Mobil

Job ID: 460-336648-1

Client Sample ID: 45A2_7-8

Lab Sample ID: 460-336648-69
Date Collected: 10/07/25 13:00
Matrix: Solid
Date Received: 10/07/25 17:15
Percent Solids: 92.9

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Prep	5035			1067376	JCZ	EET EDI	10/10/25 10:47
Total/NA	Analysis	8260D		1	1067399	EMM	EET EDI	10/11/25 11:50

Client Sample ID: 45A3_9-10

Lab Sample ID: 460-336648-70
Date Collected: 10/07/25 13:05
Matrix: Solid
Date Received: 10/07/25 17:15

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Analysis	Moisture		1	1067819	CJC	EET EDI	10/12/25 15:03

Client Sample ID: 45A3_9-10

Lab Sample ID: 460-336648-70
Date Collected: 10/07/25 13:05
Matrix: Solid
Date Received: 10/07/25 17:15
Percent Solids: 98.6

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Prep	5035			1067376	JCZ	EET EDI	10/10/25 10:48
Total/NA	Analysis	8260D		1	1067399	EMM	EET EDI	10/11/25 12:13

Client Sample ID: 45A1_11-12

Lab Sample ID: 460-336648-71
Date Collected: 10/07/25 13:10
Matrix: Solid
Date Received: 10/07/25 17:15

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Analysis	Moisture		1	1067819	CJC	EET EDI	10/12/25 15:03

Client Sample ID: 45A1_11-12

Lab Sample ID: 460-336648-71
Date Collected: 10/07/25 13:10
Matrix: Solid
Date Received: 10/07/25 17:15
Percent Solids: 98.6

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Prep	5035			1067376	JCZ	EET EDI	10/10/25 10:48
Total/NA	Analysis	8260D		1	1067399	EMM	EET EDI	10/11/25 12:36

Client Sample ID: 45B1_1-2

Lab Sample ID: 460-336648-72
Date Collected: 10/07/25 13:15
Matrix: Solid
Date Received: 10/07/25 17:15

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Analysis	Moisture		1	1067819	CJC	EET EDI	10/12/25 15:03

Lab Chronicle

Client: Haley & Aldrich, Inc.
Project/Site: Former Port Mobil

Job ID: 460-336648-1

Client Sample ID: 45B1_1-2
Lab Sample ID: 460-336648-72
Date Collected: 10/07/25 13:15
Matrix: Solid
Date Received: 10/07/25 17:15
Percent Solids: 99.1

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Prep	5035			1067376	JCZ	EET EDI	10/10/25 10:48
Total/NA	Analysis	8260D		1	1067399	EMM	EET EDI	10/11/25 12:59

Client Sample ID: 45B2_3-4
Lab Sample ID: 460-336648-73
Date Collected: 10/07/25 13:20
Matrix: Solid
Date Received: 10/07/25 17:15

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Analysis	Moisture		1	1067819	CJC	EET EDI	10/12/25 15:03

Client Sample ID: 45B2_3-4
Lab Sample ID: 460-336648-73
Date Collected: 10/07/25 13:20
Matrix: Solid
Date Received: 10/07/25 17:15
Percent Solids: 98.9

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Prep	5035			1067387	JCZ	EET EDI	10/10/25 10:58
Total/NA	Analysis	8260D		1	1067399	EMM	EET EDI	10/11/25 13:22

Client Sample ID: 45B3_4-5
Lab Sample ID: 460-336648-74
Date Collected: 10/07/25 13:25
Matrix: Solid
Date Received: 10/07/25 17:15

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Analysis	Moisture		1	1067819	CJC	EET EDI	10/12/25 15:03

Client Sample ID: 45B3_4-5
Lab Sample ID: 460-336648-74
Date Collected: 10/07/25 13:25
Matrix: Solid
Date Received: 10/07/25 17:15
Percent Solids: 98.7

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Prep	5035			1067387	JCZ	EET EDI	10/10/25 10:58
Total/NA	Analysis	8260D		1	1067399	EMM	EET EDI	10/11/25 13:46

Client Sample ID: 45B1_6-7
Lab Sample ID: 460-336648-75
Date Collected: 10/07/25 13:30
Matrix: Solid
Date Received: 10/07/25 17:15

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Analysis	Moisture		1	1067819	CJC	EET EDI	10/12/25 15:03

Lab Chronicle

Client: Haley & Aldrich, Inc.
Project/Site: Former Port Mobil

Job ID: 460-336648-1

Client Sample ID: 45B1_6-7

Lab Sample ID: 460-336648-75
Date Collected: 10/07/25 13:30
Matrix: Solid
Date Received: 10/07/25 17:15
Percent Solids: 98.6

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Prep	5035			1067387	JCZ	EET EDI	10/10/25 10:58
Total/NA	Analysis	8260D		1	1067399	EMM	EET EDI	10/11/25 14:09

Client Sample ID: 45B2_7-8

Lab Sample ID: 460-336648-76
Date Collected: 10/07/25 13:35
Matrix: Solid
Date Received: 10/07/25 17:15

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Analysis	Moisture		1	1067819	CJC	EET EDI	10/12/25 15:03

Client Sample ID: 45B2_7-8

Lab Sample ID: 460-336648-76
Date Collected: 10/07/25 13:35
Matrix: Solid
Date Received: 10/07/25 17:15
Percent Solids: 96.6

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Prep	5035			1067387	JCZ	EET EDI	10/10/25 10:59
Total/NA	Analysis	8260D		1	1067399	EMM	EET EDI	10/11/25 14:32

Client Sample ID: 45B3_9-10

Lab Sample ID: 460-336648-77
Date Collected: 10/07/25 13:40
Matrix: Solid
Date Received: 10/07/25 17:15

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Analysis	Moisture		1	1067819	CJC	EET EDI	10/12/25 15:03

Client Sample ID: 45B3_9-10

Lab Sample ID: 460-336648-77
Date Collected: 10/07/25 13:40
Matrix: Solid
Date Received: 10/07/25 17:15
Percent Solids: 98.8

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Prep	5035			1067387	JCZ	EET EDI	10/10/25 10:59
Total/NA	Analysis	8260D		1	1067399	EMM	EET EDI	10/11/25 14:55

Client Sample ID: 45B2_10-11

Lab Sample ID: 460-336648-78
Date Collected: 10/07/25 13:45
Matrix: Solid
Date Received: 10/07/25 17:15

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Analysis	Moisture		1	1067819	CJC	EET EDI	10/12/25 15:03

Lab Chronicle

Client: Haley & Aldrich, Inc.
Project/Site: Former Port Mobil

Job ID: 460-336648-1

Client Sample ID: 45B2_10-11 — **Lab Sample ID: 460-336648-78**
Date Collected: 10/07/25 13:45 — **Matrix: Solid**
Date Received: 10/07/25 17:15 — **Percent Solids: 98.7**

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Prep	5035			1067387	JCZ	EET EDI	10/10/25 10:59
Total/NA	Analysis	8260D		1	1067474	EMM	EET EDI	10/11/25 07:31

Client Sample ID: 45C1_1-2 — **Lab Sample ID: 460-336648-79**
Date Collected: 10/07/25 13:50 — **Matrix: Solid**
Date Received: 10/07/25 17:15

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Analysis	Moisture		1	1067819	CJC	EET EDI	10/12/25 15:03

Client Sample ID: 45C1_1-2 — **Lab Sample ID: 460-336648-79**
Date Collected: 10/07/25 13:50 — **Matrix: Solid**
Date Received: 10/07/25 17:15 — **Percent Solids: 97.1**

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Prep	5035			1067387	JCZ	EET EDI	10/10/25 11:00
Total/NA	Analysis	8260D		1	1067421	EMM	EET EDI	10/10/25 21:27

Client Sample ID: 45C2_3-4 — **Lab Sample ID: 460-336648-80**
Date Collected: 10/07/25 13:55 — **Matrix: Solid**
Date Received: 10/07/25 17:15

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Analysis	Moisture		1	1067819	CJC	EET EDI	10/12/25 15:03

Client Sample ID: 45C2_3-4 — **Lab Sample ID: 460-336648-80**
Date Collected: 10/07/25 13:55 — **Matrix: Solid**
Date Received: 10/07/25 17:15 — **Percent Solids: 96.4**

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Prep	5035			1067387	JCZ	EET EDI	10/10/25 11:00
Total/NA	Analysis	8260D		1	1067421	EMM	EET EDI	10/10/25 21:51

Client Sample ID: 45C3_4-5 — **Lab Sample ID: 460-336648-81**
Date Collected: 10/07/25 14:00 — **Matrix: Solid**
Date Received: 10/07/25 17:15

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Analysis	Moisture		1	1067819	CJC	EET EDI	10/12/25 15:03

Lab Chronicle

Client: Haley & Aldrich, Inc.
Project/Site: Former Port Mobil

Job ID: 460-336648-1

Client Sample ID: 45C3_4-5
Lab Sample ID: 460-336648-81
Date Collected: 10/07/25 14:00
Matrix: Solid
Date Received: 10/07/25 17:15
Percent Solids: 96.6

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Prep	5035			1067387	JCZ	EET EDI	10/10/25 11:00
Total/NA	Analysis	8260D		1	1067421	EMM	EET EDI	10/10/25 22:15

Client Sample ID: 45C1_5-6
Lab Sample ID: 460-336648-82
Date Collected: 10/07/25 14:05
Matrix: Solid
Date Received: 10/07/25 17:15

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Analysis	Moisture		1	1067819	CJC	EET EDI	10/12/25 15:03

Client Sample ID: 45C1_5-6
Lab Sample ID: 460-336648-82
Date Collected: 10/07/25 14:05
Matrix: Solid
Date Received: 10/07/25 17:15
Percent Solids: 96.9

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Prep	5035			1067387	JCZ	EET EDI	10/10/25 11:01
Total/NA	Analysis	8260D		1	1067421	EMM	EET EDI	10/10/25 22:39

Client Sample ID: 45C2_6-7
Lab Sample ID: 460-336648-83
Date Collected: 10/07/25 14:10
Matrix: Solid
Date Received: 10/07/25 17:15

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Analysis	Moisture		1	1067819	CJC	EET EDI	10/12/25 15:03

Client Sample ID: 45C2_6-7
Lab Sample ID: 460-336648-83
Date Collected: 10/07/25 14:10
Matrix: Solid
Date Received: 10/07/25 17:15
Percent Solids: 98.5

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Prep	5035			1067387	JCZ	EET EDI	10/10/25 11:01
Total/NA	Analysis	8260D		1	1067421	EMM	EET EDI	10/10/25 23:03

Client Sample ID: 45C3_8-9
Lab Sample ID: 460-336648-84
Date Collected: 10/07/25 14:15
Matrix: Solid
Date Received: 10/07/25 17:15

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Analysis	Moisture		1	1067819	CJC	EET EDI	10/12/25 15:03

Lab Chronicle

Client: Haley & Aldrich, Inc.
Project/Site: Former Port Mobil

Job ID: 460-336648-1

Client Sample ID: 45C3_8-9 — **Lab Sample ID: 460-336648-84**
Date Collected: 10/07/25 14:15 — **Matrix: Solid**
Date Received: 10/07/25 17:15 — **Percent Solids: 84.5**

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Prep	5035			1067387	JCZ	EET EDI	10/10/25 11:01
Total/NA	Analysis	8260D		1	1067421	EMM	EET EDI	10/10/25 23:28

Client Sample ID: 45C2_11-12 — **Lab Sample ID: 460-336648-85**
Date Collected: 10/07/25 14:20 — **Matrix: Solid**
Date Received: 10/07/25 17:15

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Analysis	Moisture		1	1067819	CJC	EET EDI	10/12/25 15:03

Client Sample ID: 45C2_11-12 — **Lab Sample ID: 460-336648-85**
Date Collected: 10/07/25 14:20 — **Matrix: Solid**
Date Received: 10/07/25 17:15 — **Percent Solids: 99.0**

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Prep	5035			1067387	JCZ	EET EDI	10/10/25 11:02
Total/NA	Analysis	8260D		1	1067680	SZK	EET EDI	10/11/25 16:51

Client Sample ID: 49A1_0-1 — **Lab Sample ID: 460-336648-86**
Date Collected: 10/07/25 14:45 — **Matrix: Solid**
Date Received: 10/07/25 17:15

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Analysis	Moisture		1	1067819	CJC	EET EDI	10/12/25 15:03

Client Sample ID: 49A1_0-1 — **Lab Sample ID: 460-336648-86**
Date Collected: 10/07/25 14:45 — **Matrix: Solid**
Date Received: 10/07/25 17:15 — **Percent Solids: 98.0**

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Prep	5035			1067387	JCZ	EET EDI	10/10/25 11:02
Total/NA	Analysis	8260D		1	1067421	EMM	EET EDI	10/11/25 00:16

Client Sample ID: 49A2_2-3 — **Lab Sample ID: 460-336648-87**
Date Collected: 10/07/25 14:50 — **Matrix: Solid**
Date Received: 10/07/25 17:15

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Analysis	Moisture		1	1067819	CJC	EET EDI	10/12/25 15:03

Lab Chronicle

Client: Haley & Aldrich, Inc.
Project/Site: Former Port Mobil

Job ID: 460-336648-1

Client Sample ID: 49A2_2-3
Lab Sample ID: 460-336648-87
Date Collected: 10/07/25 14:50
Matrix: Solid
Date Received: 10/07/25 17:15
Percent Solids: 99.2

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Prep	5035			1067387	JCZ	EET EDI	10/10/25 11:02
Total/NA	Analysis	8260D		1	1067421	EMM	EET EDI	10/11/25 00:40

Client Sample ID: 49A3_4-5
Lab Sample ID: 460-336648-88
Date Collected: 10/07/25 14:55
Matrix: Solid
Date Received: 10/07/25 17:15

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Analysis	Moisture		1	1067819	CJC	EET EDI	10/12/25 15:03

Client Sample ID: 49A3_4-5
Lab Sample ID: 460-336648-88
Date Collected: 10/07/25 14:55
Matrix: Solid
Date Received: 10/07/25 17:15
Percent Solids: 99.0

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Prep	5035			1067387	JCZ	EET EDI	10/10/25 11:03
Total/NA	Analysis	8260D		1	1067421	EMM	EET EDI	10/11/25 01:04

Client Sample ID: 49A4_5-6
Lab Sample ID: 460-336648-89
Date Collected: 10/07/25 15:00
Matrix: Solid
Date Received: 10/07/25 17:15

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Analysis	Moisture		1	1067819	CJC	EET EDI	10/12/25 15:03

Client Sample ID: 49A4_5-6
Lab Sample ID: 460-336648-89
Date Collected: 10/07/25 15:00
Matrix: Solid
Date Received: 10/07/25 17:15
Percent Solids: 98.5

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Prep	5035			1067387	JCZ	EET EDI	10/10/25 11:03
Total/NA	Analysis	8260D		1	1067421	EMM	EET EDI	10/11/25 01:28

Client Sample ID: 49A1_7-8
Lab Sample ID: 460-336648-90
Date Collected: 10/07/25 15:05
Matrix: Solid
Date Received: 10/07/25 17:15

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Analysis	Moisture		1	1067819	CJC	EET EDI	10/12/25 15:03

Lab Chronicle

Client: Haley & Aldrich, Inc.
Project/Site: Former Port Mobil

Job ID: 460-336648-1

Client Sample ID: 49A1_7-8

Lab Sample ID: 460-336648-90
Date Collected: 10/07/25 15:05
Matrix: Solid
Date Received: 10/07/25 17:15
Percent Solids: 98.7

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Prep	5035			1067387	JCZ	EET EDI	10/10/25 11:03
Total/NA	Analysis	8260D		1	1067421	EMM	EET EDI	10/11/25 01:52

Client Sample ID: 49A2_8-9

Lab Sample ID: 460-336648-91
Date Collected: 10/07/25 15:10
Matrix: Solid
Date Received: 10/07/25 17:15

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Analysis	Moisture		1	1067819	CJC	EET EDI	10/12/25 15:03

Client Sample ID: 49A2_8-9

Lab Sample ID: 460-336648-91
Date Collected: 10/07/25 15:10
Matrix: Solid
Date Received: 10/07/25 17:15
Percent Solids: 99.0

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Prep	5035			1067387	JCZ	EET EDI	10/10/25 11:04
Total/NA	Analysis	8260D		1	1067421	EMM	EET EDI	10/11/25 02:17

Client Sample ID: 49A3_9-10

Lab Sample ID: 460-336648-92
Date Collected: 10/07/25 15:15
Matrix: Solid
Date Received: 10/07/25 17:15

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Analysis	Moisture		1	1067819	CJC	EET EDI	10/12/25 15:03

Client Sample ID: 49A3_9-10

Lab Sample ID: 460-336648-92
Date Collected: 10/07/25 15:15
Matrix: Solid
Date Received: 10/07/25 17:15
Percent Solids: 99.7

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Prep	5035			1067387	JCZ	EET EDI	10/10/25 11:04
Total/NA	Analysis	8260D		1	1067421	EMM	EET EDI	10/11/25 02:41

Client Sample ID: 49B1_1-2

Lab Sample ID: 460-336648-93
Date Collected: 10/07/25 15:20
Matrix: Solid
Date Received: 10/07/25 17:15

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Analysis	Moisture		1	1067819	CJC	EET EDI	10/12/25 15:03

Lab Chronicle

Client: Haley & Aldrich, Inc.
Project/Site: Former Port Mobil

Job ID: 460-336648-1

Client Sample ID: 49B1_1-2 — **Lab Sample ID: 460-336648-93**
Date Collected: 10/07/25 15:20 — **Matrix: Solid**
Date Received: 10/07/25 17:15 — **Percent Solids: 98.3**

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Prep	5035			1067387	JCZ	EET EDI	10/10/25 11:04
Total/NA	Analysis	8260D		1	1067421	EMM	EET EDI	10/11/25 03:05

Client Sample ID: 49B2_2-3 — **Lab Sample ID: 460-336648-94**
Date Collected: 10/07/25 15:25 — **Matrix: Solid**
Date Received: 10/07/25 17:15

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Analysis	Moisture		1	1067819	CJC	EET EDI	10/12/25 15:03

Client Sample ID: 49B2_2-3 — **Lab Sample ID: 460-336648-94**
Date Collected: 10/07/25 15:25 — **Matrix: Solid**
Date Received: 10/07/25 17:15 — **Percent Solids: 99.7**

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Prep	5035			1067387	JCZ	EET EDI	10/10/25 11:05
Total/NA	Analysis	8260D		1	1067421	EMM	EET EDI	10/11/25 03:29

Client Sample ID: 49B3_3-4 — **Lab Sample ID: 460-336648-95**
Date Collected: 10/07/25 15:30 — **Matrix: Solid**
Date Received: 10/07/25 17:15

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Analysis	Moisture		1	1067819	CJC	EET EDI	10/12/25 15:03

Client Sample ID: 49B3_3-4 — **Lab Sample ID: 460-336648-95**
Date Collected: 10/07/25 15:30 — **Matrix: Solid**
Date Received: 10/07/25 17:15 — **Percent Solids: 99.8**

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Prep	5035			1067387	JCZ	EET EDI	10/10/25 11:05
Total/NA	Analysis	8260D		1	1067421	EMM	EET EDI	10/11/25 03:53

Client Sample ID: 49B4_5-6 — **Lab Sample ID: 460-336648-96**
Date Collected: 10/07/25 15:35 — **Matrix: Solid**
Date Received: 10/07/25 17:15

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Analysis	Moisture		1	1067819	CJC	EET EDI	10/12/25 15:03

Lab Chronicle

Client: Haley & Aldrich, Inc.
Project/Site: Former Port Mobil

Job ID: 460-336648-1

Client Sample ID: 49B4_5-6 — **Lab Sample ID: 460-336648-96**
Date Collected: 10/07/25 15:35 — **Matrix: Solid**
Date Received: 10/07/25 17:15 — **Percent Solids: 99.7**

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Prep	5035			1067387	JCZ	EET EDI	10/10/25 11:05
Total/NA	Analysis	8260D		1	1067421	EMM	EET EDI	10/11/25 04:17

Client Sample ID: 49B1_7-8 — **Lab Sample ID: 460-336648-97**
Date Collected: 10/07/25 15:40 — **Matrix: Solid**
Date Received: 10/07/25 17:15

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Analysis	Moisture		1	1067819	CJC	EET EDI	10/12/25 15:03

Client Sample ID: 49B1_7-8 — **Lab Sample ID: 460-336648-97**
Date Collected: 10/07/25 15:40 — **Matrix: Solid**
Date Received: 10/07/25 17:15 — **Percent Solids: 99.7**

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Prep	5035			1067387	JCZ	EET EDI	10/10/25 11:06
Total/NA	Analysis	8260D		1	1067474	EMM	EET EDI	10/11/25 07:55

Client Sample ID: 49B2_8-9 — **Lab Sample ID: 460-336648-98**
Date Collected: 10/07/25 15:45 — **Matrix: Solid**
Date Received: 10/07/25 17:15

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Analysis	Moisture		1	1067819	CJC	EET EDI	10/12/25 15:03

Client Sample ID: 49B2_8-9 — **Lab Sample ID: 460-336648-98**
Date Collected: 10/07/25 15:45 — **Matrix: Solid**
Date Received: 10/07/25 17:15 — **Percent Solids: 99.6**

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Prep	5035			1067387	JCZ	EET EDI	10/10/25 11:06
Total/NA	Analysis	8260D		1	1067474	EMM	EET EDI	10/11/25 08:19

Client Sample ID: 49B2_9-10 — **Lab Sample ID: 460-336648-99**
Date Collected: 10/07/25 15:50 — **Matrix: Solid**
Date Received: 10/07/25 17:15

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Analysis	Moisture		1	1067819	CJC	EET EDI	10/12/25 15:03

Lab Chronicle

Client: Haley & Aldrich, Inc.
Project/Site: Former Port Mobil

Job ID: 460-336648-1

Client Sample ID: 49B2_9-10
Date Collected: 10/07/25 15:50
Date Received: 10/07/25 17:15

Lab Sample ID: 460-336648-99
Matrix: Solid
Percent Solids: 99.5

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Prep	5035			1067387	JCZ	EET EDI	10/10/25 11:06
Total/NA	Analysis	8260D		1	1067680	SZK	EET EDI	10/11/25 17:15

Laboratory References:

EET EDI = Eurofins Edison, 777 New Durham Road, Edison, NJ 08817, TEL (732)549-3900

ELLE = Eurofins Lancaster Laboratories Environment Testing, LLC, 2425 New Holland Pike, Lancaster, PA 17601, TEL (717)656-2300

Accreditation/Certification Summary

Client: Haley & Aldrich, Inc.
Project/Site: Former Port Mobil

Job ID: 460-336648-1

Laboratory: Eurofins Edison

Unless otherwise noted, all analytes for this laboratory were covered under each accreditation/certification below.

Authority	Program	Identification Number	Expiration Date
New York	NELAP	11452	04-01-26

The following analytes are included in this report, but the laboratory is not certified by the governing authority. This list may include analytes for which the agency does not offer certification.

Analysis Method	Prep Method	Matrix	Analyte
8270E	3546	Solid	3 & 4 Methylphenol
Moisture		Solid	Percent Moisture
Moisture		Solid	Percent Solids

Laboratory: Eurofins Lancaster Laboratories Environment Testing, LLC

The accreditations/certifications listed below are applicable to this report.

Authority	Program	Identification Number	Expiration Date
New York	NELAP	10670	04-01-26

Method Summary

Client: Haley & Aldrich, Inc.
Project/Site: Former Port Mobil

Job ID: 460-336648-1

Method	Method Description	Protocol	Laboratory
8260D	Volatile Organic Compounds by GC/MS	SW846	EET EDI
8270E	Semivolatile Organic Compounds (GC/MS)	SW846	EET EDI
8081B	Organochlorine Pesticides (GC)	SW846	EET EDI
8082A	Polychlorinated Biphenyls (PCBs) by Gas Chromatography	SW846	EET EDI
1633A	Per- and Polyfluoroalkyl Substances by LC/MS/MS, 1633A	EPA	ELLE
6020B	Metals (ICP/MS)	SW846	EET EDI
7471B	Mercury (CVAA)	SW846	EET EDI
Moisture	Percent Moisture	EPA	EET EDI
1633A Shake	Shake Extraction with SPE	EPA	ELLE
3050B	Preparation, Metals	SW846	EET EDI
3546	Microwave Extraction	SW846	EET EDI
5035	Closed System Purge and Trap	SW846	EET EDI
7471B	Preparation, Mercury	SW846	EET EDI

Protocol References:

EPA = US Environmental Protection Agency

SW846 = "Test Methods For Evaluating Solid Waste, Physical/Chemical Methods", Third Edition, November 1986 And Its Updates.

Laboratory References:

EET EDI = Eurofins Edison, 777 New Durham Road, Edison, NJ 08817, TEL (732)549-3900

ELLE = Eurofins Lancaster Laboratories Environment Testing, LLC, 2425 New Holland Pike, Lancaster, PA 17601, TEL (717)656-2300

Sample Summary

Client: Haley & Aldrich, Inc.
Project/Site: Former Port Mobil

Job ID: 460-336648-1

Lab Sample ID	Client Sample ID	Matrix	Collected	Received	Sample Origin
460-336648-1	44A_0-4	Solid	10/07/25 08:00	10/07/25 17:15	New York
460-336648-2	44A_4-8	Solid	10/07/25 08:05	10/07/25 17:15	New York
460-336648-3	44B_0-4	Solid	10/07/25 08:10	10/07/25 17:15	New York
460-336648-4	44B_4-8	Solid	10/07/25 08:15	10/07/25 17:15	New York
460-336648-5	44C_0-4	Solid	10/07/25 08:20	10/07/25 17:15	New York
460-336648-6	44C_4-8	Solid	10/07/25 08:25	10/07/25 17:15	New York
460-336648-7	44D_0-4	Solid	10/07/25 08:30	10/07/25 17:15	New York
460-336648-8	44D_4-8	Solid	10/07/25 08:35	10/07/25 17:15	New York
460-336648-9	44E_0-4	Solid	10/07/25 08:40	10/07/25 17:15	New York
460-336648-10	44E_4-8	Solid	10/07/25 08:45	10/07/25 17:15	New York
460-336648-11	44F_0-4	Solid	10/07/25 08:50	10/07/25 17:15	New York
460-336648-12	44F_4-8	Solid	10/07/25 08:55	10/07/25 17:15	New York
460-336648-13	45A_0-6	Solid	10/07/25 09:00	10/07/25 17:15	New York
460-336648-14	45A_6-12	Solid	10/07/25 09:05	10/07/25 17:15	New York
460-336648-15	45B_0-6	Solid	10/07/25 15:55	10/07/25 17:15	New York
460-336648-16	45B_6-12	Solid	10/07/25 16:00	10/07/25 17:15	New York
460-336648-17	45C_0-6	Solid	10/07/25 16:05	10/07/25 17:15	New York
460-336648-18	45C_6-12	Solid	10/07/25 16:10	10/07/25 17:15	New York
460-336648-19	49A_0-5	Solid	10/07/25 16:25	10/07/25 17:15	New York
460-336648-20	49A_5-10	Solid	10/07/25 14:30	10/07/25 17:15	New York
460-336648-21	49B_0-5	Solid	10/07/25 14:35	10/07/25 17:15	New York
460-336648-22	49B_5-10	Solid	10/07/25 14:40	10/07/25 17:15	New York
460-336648-23	44A1_1-2	Solid	10/07/25 09:10	10/07/25 17:15	New York
460-336648-24	44A2_2-3	Solid	10/07/25 09:15	10/07/25 17:15	New York
460-336648-25	44A3_3-4	Solid	10/07/25 09:20	10/07/25 17:15	New York
460-336648-26	44A1_4-5	Solid	10/07/25 09:25	10/07/25 17:15	New York
460-336648-27	44A2_5-6	Solid	10/07/25 09:30	10/07/25 17:15	New York
460-336648-28	44A3_6-7	Solid	10/07/25 09:35	10/07/25 17:15	New York
460-336648-29	44A1_7-8	Solid	10/07/25 09:40	10/07/25 17:15	New York
460-336648-30	44B1_1-2	Solid	10/07/25 09:45	10/07/25 17:15	New York
460-336648-31	44B2_2-3	Solid	10/07/25 09:50	10/07/25 17:15	New York
460-336648-32	44B3_3-4	Solid	10/07/25 09:55	10/07/25 17:15	New York
460-336648-33	44B1_4-5	Solid	10/07/25 10:00	10/07/25 17:15	New York
460-336648-34	44B2_5-6	Solid	10/07/25 10:05	10/07/25 17:15	New York
460-336648-35	44B3_6-7	Solid	10/07/25 10:10	10/07/25 17:15	New York
460-336648-36	44B1_7-8	Solid	10/07/25 10:15	10/07/25 17:15	New York
460-336648-37	44C1_1-2	Solid	10/07/25 10:20	10/07/25 17:15	New York
460-336648-38	44C2_2-3	Solid	10/07/25 10:25	10/07/25 17:15	New York
460-336648-39	44C3_3-4	Solid	10/07/25 10:30	10/07/25 17:15	New York
460-336648-40	44C1_4-5	Solid	10/07/25 10:35	10/07/25 17:15	New York
460-336648-41	44C2_5-6	Solid	10/07/25 10:40	10/07/25 17:15	New York
460-336648-42	44C3_6-7	Solid	10/07/25 10:45	10/07/25 17:15	New York
460-336648-43	44C1_7-8	Solid	10/07/25 10:50	10/07/25 17:15	New York
460-336648-44	44D1_1-2	Solid	10/07/25 10:55	10/07/25 17:15	New York
460-336648-45	44D2_2-3	Solid	10/07/25 11:00	10/07/25 17:15	New York
460-336648-46	44D3_3-4	Solid	10/07/25 11:05	10/07/25 17:15	New York
460-336648-47	44D1_4-5	Solid	10/07/25 11:10	10/07/25 17:15	New York
460-336648-48	44D2_5-6	Solid	10/07/25 11:15	10/07/25 17:15	New York
460-336648-49	44D3_6-7	Solid	10/07/25 11:20	10/07/25 17:15	New York
460-336648-50	44D2_7-8	Solid	10/07/25 11:25	10/07/25 17:15	New York
460-336648-51	44E1_1-2	Solid	10/07/25 11:30	10/07/25 17:15	New York
460-336648-52	44E2_2-3	Solid	10/07/25 11:35	10/07/25 17:15	New York
460-336648-53	44E3_3-4	Solid	10/07/25 11:40	10/07/25 17:15	New York

Sample Summary

Client: Haley & Aldrich, Inc.
Project/Site: Former Port Mobil

Job ID: 460-336648-1

Lab Sample ID	Client Sample ID	Matrix	Collected	Received	Sample Origin
460-336648-54	44E1_5-6	Solid	10/07/25 11:45	10/07/25 17:15	New York
460-336648-55	44E2_6-7	Solid	10/07/25 11:50	10/07/25 17:15	New York
460-336648-56	44E2_7-8	Solid	10/07/25 11:55	10/07/25 17:15	New York
460-336648-57	44E3_4-5	Solid	10/07/25 12:00	10/07/25 17:15	New York
460-336648-58	44F1_1-2	Solid	10/07/25 12:05	10/07/25 17:15	New York
460-336648-59	44F2_2-3	Solid	10/07/25 12:10	10/07/25 17:15	New York
460-336648-60	44F3_4-5	Solid	10/07/25 12:15	10/07/25 17:15	New York
460-336648-61	44F1_5-6	Solid	10/07/25 12:20	10/07/25 17:15	New York
460-336648-62	44F2_6-7	Solid	10/07/25 12:25	10/07/25 17:15	New York
460-336648-63	44F3_7-8	Solid	10/07/25 12:30	10/07/25 17:15	New York
460-336648-64	44F1_7-8	Solid	10/07/25 12:35	10/07/25 17:15	New York
460-336648-65	45A1_1-2	Solid	10/07/25 12:40	10/07/25 17:15	New York
460-336648-66	45A2_2-3	Solid	10/07/25 12:45	10/07/25 17:15	New York
460-336648-67	45A3_4-5	Solid	10/07/25 12:50	10/07/25 17:15	New York
460-336648-68	45A1_5-6	Solid	10/07/25 12:55	10/07/25 17:15	New York
460-336648-69	45A2_7-8	Solid	10/07/25 13:00	10/07/25 17:15	New York
460-336648-70	45A3_9-10	Solid	10/07/25 13:05	10/07/25 17:15	New York
460-336648-71	45A1_11-12	Solid	10/07/25 13:10	10/07/25 17:15	New York
460-336648-72	45B1_1-2	Solid	10/07/25 13:15	10/07/25 17:15	New York
460-336648-73	45B2_3-4	Solid	10/07/25 13:20	10/07/25 17:15	New York
460-336648-74	45B3_4-5	Solid	10/07/25 13:25	10/07/25 17:15	New York
460-336648-75	45B1_6-7	Solid	10/07/25 13:30	10/07/25 17:15	New York
460-336648-76	45B2_7-8	Solid	10/07/25 13:35	10/07/25 17:15	New York
460-336648-77	45B3_9-10	Solid	10/07/25 13:40	10/07/25 17:15	New York
460-336648-78	45B2_10-11	Solid	10/07/25 13:45	10/07/25 17:15	New York
460-336648-79	45C1_1-2	Solid	10/07/25 13:50	10/07/25 17:15	New York
460-336648-80	45C2_3-4	Solid	10/07/25 13:55	10/07/25 17:15	New York
460-336648-81	45C3_4-5	Solid	10/07/25 14:00	10/07/25 17:15	New York
460-336648-82	45C1_5-6	Solid	10/07/25 14:05	10/07/25 17:15	New York
460-336648-83	45C2_6-7	Solid	10/07/25 14:10	10/07/25 17:15	New York
460-336648-84	45C3_8-9	Solid	10/07/25 14:15	10/07/25 17:15	New York
460-336648-85	45C2_11-12	Solid	10/07/25 14:20	10/07/25 17:15	New York
460-336648-86	49A1_0-1	Solid	10/07/25 14:45	10/07/25 17:15	New York
460-336648-87	49A2_2-3	Solid	10/07/25 14:50	10/07/25 17:15	New York
460-336648-88	49A3_4-5	Solid	10/07/25 14:55	10/07/25 17:15	New York
460-336648-89	49A4_5-6	Solid	10/07/25 15:00	10/07/25 17:15	New York
460-336648-90	49A1_7-8	Solid	10/07/25 15:05	10/07/25 17:15	New York
460-336648-91	49A2_8-9	Solid	10/07/25 15:10	10/07/25 17:15	New York
460-336648-92	49A3_9-10	Solid	10/07/25 15:15	10/07/25 17:15	New York
460-336648-93	49B1_1-2	Solid	10/07/25 15:20	10/07/25 17:15	New York
460-336648-94	49B2_2-3	Solid	10/07/25 15:25	10/07/25 17:15	New York
460-336648-95	49B3_3-4	Solid	10/07/25 15:30	10/07/25 17:15	New York
460-336648-96	49B4_5-6	Solid	10/07/25 15:35	10/07/25 17:15	New York
460-336648-97	49B1_7-8	Solid	10/07/25 15:40	10/07/25 17:15	New York
460-336648-98	49B2_8-9	Solid	10/07/25 15:45	10/07/25 17:15	New York
460-336648-99	49B2_9-10	Solid	10/07/25 15:50	10/07/25 17:15	New York

Eurofins Edison
777 New Durham Road
Edison, NJ 08817
Phone: 732-549-3900 Fax: 732-549-3679

Chain of Custody Record

eurofins | Environment Testing

Client Information	Sampler: KRO	Lab PM: Flannery Elizabeth J	Carrier Tracking No(s):	COC No: 460-200645-131312.15
Client Contact: Sarah Commisso	Phone:	E-Mail: Elizabeth.Flannery@et.eurofinsus.com	State of Origin:	Page: Page ~~15 of 27~~ 1 / 9
Company: Haley & Aldrich, Inc.	PWSID:			Job #: 336648

Address: 213 West 35th Street, 7th Floor	Due Date Requested:	Analysis Requested	Preservation Codes: N None F MeOH
City: New York	TAT Requested (days): 5DAY		
State, Zip: NY 10001	Compliance Project: Δ Yes Δ No		
Phone:	PO #: ~~0208998-001-001-06~~ 0213836-001-002 03		
Email: SCommisso@haleyaldrich.com	WO #: 4101 Arthur Kill Road, Staten Island, NY		
Project Name: 4101 Arthur Kill - Former Port Mobil	Project #: 46042832		
Site:	SSOW#:		Other:

Sample Identification	Sample Date	Sample Time	Sample Type (C=comp, G=grab)	Matrix (W=water, S=solid, O=waste/oil, BT=Tissue, A=Air, DW=Drinking Water)	Field Filtered Sample (Yes or No)	Perform MS/MSD (Yes or No)	6020B, 7471B, 8081B, 8082A, 8270E	8260D - TCL/Part 375 VOCs	Total Number of Containers
			Preservation Code:				N	F	
44A_0-4	10/7/25	800	C	Solid			X	X	
44A_4-8		805		Solid					
44B_0-4		810		Solid					
44B_4-8		815		Solid					
44C_0-4		820		Solid					
44C_4-8		825		Solid					
44D_0-4		830		Solid					
44D_4-8		835		Solid					
44E_0-4		840		Solid					
44E_4-8		845		Solid					
44F_0-4		850		Solid					

SHORT HOLD

11033 Standard List 4D

460-336648 Chain of Custody

Possible Hazard Identification	Sample Disposal (A fee may be assessed if samples are retained longer than 1 month)
☐ Non-Hazard ☐ Flammable ☐ Skin Irritant ☐ Poison B ☐ Unknown ☐ Radiological	☐ Return To Client ☐ Disposal By Lab ☐ Archive For _____ Months
Deliverable Requested: I, II, III, IV Other (specify)	Special Instructions/QC Requirements:

Empty Kit Relinquished by:	Date:	Time:	Method of Shipment:

Relinquished by:	Date/Time:	Company	Received by:	Date/Time:	Company
Kassidy OConnor	10/7/25	H&A		10/7 1500	ET
Relinquished by: BC	Date/Time: 10/7 17 15	Company ECT	Received by: Emely Dafla	Date/Time: 10/7/25 1716	Company ET
Relinquished by:	Date/Time:	Company	Received by:	Date/Time:	Company

Custody Seals Intact: Δ Yes Δ No	Custody Seal No.: N/A	Cooler Temperature(s) °C and Other Remarks: #1) 1.3/1.0 2) 1.0/1.7

Ver 10/10/2024

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10/16/2025

Eurofins Edison
777 New Durham Road
Edison, NJ 08817
Phone: 732-549-3900 Fax: 732-549-3679

Chain of Custody Record

eurofins | Environment Testing

Client Information	Sampler: KDO	Lab PM: Flannery Elizabeth J	Carrier Tracking No(s):	COC No: 460-200645-131312.16
Client Contact: Sarah Commisso	Phone:	E-Mail: Elizabeth.Flannery@et.eurofinsus.com	State of Origin:	Page: Page ~~16 of 21~~ 2/9
Company: Haley & Aldrich, Inc.	PWSID:	Analysis Requested		Job #: 336648
Address: 213 West 35th Street, 7th Floor	Due Date Requested:			Preservation Codes: N None F MeOH
City: New York	TAT Requested (days): 5 DAY			
State, Zip: NY 10001	Compliance Project: Δ Yes Δ No			
Phone:	PO #: 0213836-001-002-03 ~~9200988-001-001-06~~			
Email: SCommisso@haleyaldrich.com	WO #: 4101 Arthur Kill Road, Staten Island, NY			
Project Name: 4101 Arthur Kill - Former Port Mobil	Project #: 46042832			Other
Site:	SSOW#:			

Sample Identification	Sample Date	Sample Time	Sample Type (C=comp, G=grab)	Matrix (W=water, S=solid, O=waste/oil, BT=Tissue, A=Air, DW=Drinking Water)	Field Filtered Sample (Yes or No)	Perform MS/MSD (Yes or No)	6020B, 7471B, 8081B, 8082A, 8270E	9260D - TOL-Part-375-VOCs	1633 Standard List 40	Total Number of containers	Special Instructions/Note:
			Preservation Code:				N	F	N		
44F_4-8	10/7/25	855	C	Solid			X		X		
45A_0-6	"	900	"	Solid			"		"		
45A_6-12	"	905	"	Solid			"		"		
45B_0-6	"	~~910~~ 1555	"	Solid			"		"		
45B_6-12	"	~~915~~ 1600	"	Solid			"		"		
45C_0-6	"	~~920~~ 1005	"	Solid			"		"		
45C_6-12	"	~~925~~ 1010	"	Solid			"		"		
49A_0-5	"	~~930~~ 1425	"	Solid			"		"		
49A_5-10	"	1430	"	Solid			"		"		
49B_0-5	"	1435	"	Solid			"		"		
49B_5-10	"	1440	"	Solid			"		"		

Possible Hazard Identification
☐ Non-Hazard ☐ Flammable ☐ Skin Irritant ☐ Poison B ☐ Unknown ☐ Radiological

Sample Disposal (A fee may be assessed if samples are retained longer than 1 month)
☐ Return To Client ☐ Disposal By Lab ☐ Archive For _____ Months

Deliverable Requested: I, II, III, IV Other (specify)

Special Instructions/QC Requirements:

Empty Kit Relinquished by:	Date:	Time:	Method of Shipment:

	Relinquished by:	Date/Time:	Company	Received by:	Date/Time:	Company
1	Kassidy OConnor	10/7/25	H&A		10/7 1500	ET
2	KO	10/7 17:15	ET	Emily Boffin	10/7/25 1715	ET-TA
3						

Custody Seals Intact: Δ Yes Δ No	Custody Seal No.: N/A	Cooler Temperature(s) °C and Other Remarks: 1) 1.3/1.0 2) 1.0/1.7

Ver 10/10/2024

Eurofins Edison
777 New Durham Road
Edison, NJ 08817
Phone: 732-549-3900 Fax: 732-549-3679

Chain of Custody Record

eurofins | Environment Testing

Client Information	Sampler: KRO	Lab PM: Flannery Elizabeth J	Carrier Tracking No(s):	COC No: 460-200645-131312.17
Client Contact: Sarah Commisso	Phone:	E-Mail: Elizabeth.Flannery@et.eurofinsus.com	State of Origin:	Page: Page ~~17 of 21~~ 3/9
Company: Haley & Aldrich, Inc.	PWSID:			Job #: 376648
Address: 213 West 35th Street, 7th Floor	Due Date Requested:			
City: New York	TAT Requested (days): 5-DAY			
State, Zip: NY 10001	Compliance Project: Δ Yes Δ No			
Phone:	PO #: 0213834-001-002-03 ~~0208988-001-001-06~~			
Email: SCommisso@haleyaldrich.com	WO #: 4101 Arthur Kill Road, Staten Island, NY			
Project Name: 4101 Arthur Kill - Former Port Mobil	Project #: 46042832			
Site:	SSOW#:			

Analysis Requested

Preservation Codes:
N None
F MeOH
Other

Sample Identification	Sample Date	Sample Time	Sample Type (C=comp, G=grab)	Matrix (W=water, S=solid, O=waste/oil, BT=Tissue, A=Air, DW=Drinking Water)	Field Filtered Sample (Yes or No)	Perform MS/MSD (Yes or No)	8260B, 8270B, 8082A, 8015B, 8011, 7471B TCL/Part 375 VOCs	Total Number of containers	Special Instructions/Note:
Preservation Code:							N F		
44A1_1-2	10/7/25	910	G	Solid			X		
44A2_2-3		915		Solid					
44A3_3-4		920		Solid					
44A1_4-5		925		Solid					
44A2_5-6		930		Solid					
44A3_6-7		935		Solid					
44A1_7-8		940		Solid					
44B1_1-2		945		Solid					
44B2_2-3		950		Solid					
44B3_3-4		955		Solid					
44B1_4-5		1000		Solid					

Possible Hazard Identification
☐ Non-Hazard ☐ Flammable ☐ Skin Irritant ☐ Poison B ☐ Unknown ☐ Radiological

Sample Disposal (A fee may be assessed if samples are retained longer than 1 month)
☐ Return To Client ☐ Disposal By Lab ☐ Archive For _____ Months

Deliverable Requested: I, II, III, IV Other (specify)

Special Instructions/QC Requirements:

Empty Kit Relinquished by:	Date:	Time:	Method of Shipment:

Relinquished by:	Date/Time:	Company	Received by:	Date/Time:	Company
Kassidy Donnor	10/7/25	H&A		10/7 15:00	ET
Relinquished by:	Date/Time: 10/7 1715	Company ET	Received by: Emely Rafla	Date/Time: 10/7/25 1715	Company ETA
Relinquished by:	Date/Time:	Company	Received by:	Date/Time:	Company

Custody Seals Intact: Δ Yes Δ No | Custody Seal No: N/A

Cooler Temperature(s) °C and Other Remarks: 1) 1.3/1.0 2) 1.0/1.7

Ver: 10/10/2024

Eurofins Edison
777 New Durham Road
Edison, NJ 08817
Phone: 732-549-3900 Fax: 732-549-3679

Chain of Custody Record

eurofins | Environment Testing

Client Information	Sampler: KRO	Lab PM: Flannery Elizabeth J	Carrier Tracking No(s):	COC No: 460-200645-131312.18
Client Contact: Sarah Commisso	Phone:	E-Mail: Elizabeth.Flannery@et.eurofinsus.com	State of Origin:	Page: Page 18 of 21 4/9
Company: Haley & Aldrich, Inc.	PWSID:			Job #: 336648
Address: 213 West 35th Street, 7th Floor	Due Date Requested:			Preservation Codes: N None F MeOH
City: New York	TAT Requested (days): 5 DAY			
State, Zip: NY 10001	Compliance Project: Δ Yes Δ No			
Phone:	PO #: 0213336-001-002-03 ~~0208906-001-001-06~~			
Email: SCommisso@haleyaldrich.com	WO #: 4101 Arthur Kill Road, Staten Island, NY			
Project Name: 4101 Arthur Kill - Former Port Mobil	Project #: 46042832			
Site:	SSOW#:			Other

Analysis Requested

Sample Identification	Sample Date	Sample Time	Sample Type (C=comp, G=grab)	Matrix (W=water, S=solid, O=waste/oil, BT=Tissue, A=Air, DW=Drinking Water)	Field Filtered Sample (Yes or No)	Perform MS/MSD (Yes or No)	6020B_7471B_8081B_8082A_8270E	8260D TCL/Part 375 VOCs	Total Number of containers	Special Instructions/Note:
			Preservation Code:				N	F		
44B2_5-6	10/7/25	1005	G	Solid				X		
44B3_6-7		1010		Solid						
44B3_7-8		1015		Solid						
44C1_1-2		1020		Solid						
44C2_2-3		1025		Solid						
44C3_3-4		1030		Solid						
44C1_4-5		1035		Solid						
44C2_5-6		1040		Solid						
44C3_6-7		1045		Solid						
44C1_7-8		1050		Solid						
44D1_1-2		1055		Solid						

Possible Hazard Identification
☐ Non-Hazard ☐ Flammable ☐ Skin Irritant ☐ Poison B ☐ Unknown ☐ Radiological

Sample Disposal (A fee may be assessed if samples are retained longer than 1 month)
☐ Return To Client ☐ Disposal By Lab ☐ Archive For _____ Months

Deliverable Requested: I, II, III IV Other (specify)

Special Instructions/QC Requirements:

Empty Kit Relinquished by	Date:	Time:	Method of Shipment:

Relinquished by:	Date/Time:	Company	Received by:	Date/Time:	Company
Kassidy OConnor	10/7/25	H&A		10/7 1500	ET
Relinquished by:	Date/Time:	Company	Received by:	Date/Time:	Company
	10/7 1715	ET	Emely Mateo	10/7/25 1715	ET
Relinquished by:	Date/Time:	Company	Received by:	Date/Time:	Company

Custody Seals Intact: Δ Yes Δ No	Custody Seal No.: N/A	Cooler Temperature(s) °C and Other Remarks: #1) 1.3/1.0 2) 1.0/1.7

Eurofins Edison
777 New Durham Road
Edison, NJ 08817
Phone (732) 549-3900 Phone (732) 549-3679

Chain of Custody Record

eurofins | Environment Testing

Client Information	Sampler: KRD	Lab PM: Flannery Elizabeth J	Carrier Tracking No(s):	COC No: 460-200754-131313.5
Client Contact: Sarah Commisso	Phone:	E-Mail: Elizabeth.Flannery@et.eurofinsus.com	State of Origin:	Page: Page ~~5 of 5~~ 5/9
Company: Haley & Aldrich, Inc.	PWSID:	Analysis Requested		Job #: 336648
Address: 213 West 35th Street, 7th Floor	Due Date Requested:			Preservation Codes: N None
City: New York	TAT Requested (days): 5 DAY			
State, Zip: NY 10001	Compliance Project: Δ Yes Δ No			
Phone:	PO #: ~~0208888-001-001-00~~ D213336-001-002-03			
Email: SCommisso@haleyaldrich.com	WO #: 4101 Arthur Kill Road, Staten Island, NY			
Project Name: 4101 Arthur Kill - Former Port Mobil	Project #: 46042832			Other:
Site:	SSOW#:			

Sample Identification	Sample Date	Sample Time	Sample Type (C=comp, G=grab)	Matrix (Wewater, S=solid, O=wastefoil, BT=Tissue, A=Air, DW=Drinking Water)	Field Filtered Sample (Yes or No)	Perform MS/MSD (Yes or No)	1633A_1633-Standard-List140 8260D TCL/Part 375 VOC	Total Number of containers	Special Instructions/Note:
			Preservation Code:				N		
44D2_2-3	10/7/25	1100	G	Solid			X		
44D3_3-4		1105		Solid					
44D1_4-5		1110		Solid					
44D2_5-6		1115		Solid					
44D3_6-7		1120		Solid					
44D2_7-8		1125		Solid					
44E1_1-2		1130							
44E2_2-3		1135							
44E3_3-4		1140							
44E1_5-6		1145							
44E2_6-7		1150							

Possible Hazard Identification
☐ Non-Hazard ☐ Flammable ☐ Skin Irritant ☐ Poison B ☐ Unknown ☐ Radiological

Sample Disposal (A fee may be assessed if samples are retained longer than 1 month)
☐ Return To Client ☐ Disposal By Lab ☐ Archive For _____ Months

Deliverable Requested: I, II, III, IV Other (specify)

Special Instructions/QC Requirements:

Empty Kit Relinquished by:	Date:	Time:	Method of Shipment:

Relinquished by:	Date/Time:	Company	Received by:	Date/Time:	Company
Kassidy OConnor	10/7/25	H&A		10/7 15:00	ET
Relinquished by:	Date/Time: 10/7 17:15	Company ET	Received by: Emily Moffler	Date/Time: 10/7/25 1715	Company ET-TA
Relinquished by:	Date/Time:	Company	Received by:	Date/Time:	Company

Custody Seals Intact: Δ Yes Δ No | Custody Seal No.: N/A

Cooler Temperature(s) °C and Other Remarks: #9 1) 1.3/1.0 2) 1.0/.7

Ver: 05/06/2024

Eurofins Edison
777 New Durham Road
Edison NJ 08817
Phone: 732-549-3900 Fax: 732-549-3679

Chain of Custody Record

eurofins | Environment Testing

Client Information	Sampler: KRO	Lab PM: Flannery Elizabeth J	Carrier Tracking No(s):	COC No: 460-200645-131312.19
Client Contact: Sarah Commisso	Phone:	E-Mail: Elizabeth.Flannery@et.eurofinsus.com	State of Origin:	Page: Page 19 of 21 6/9
Company: Haley & Aldrich, Inc.	PWSID:			Job #: 326648
Address: 213 West 35th Street, 7th Floor	Due Date Requested:			
City: New York	TAT Requested (days): 5-DAY			
State, Zip: NY 10001	Compliance Project: Δ Yes Δ No			
Phone:	PO #: 0213836-001-002-03 ~~0208988-001-001-06~~			
Email: SCommisso@haleyaldrich.com	WO #: 4101 Arthur Kill Road, Staten Island, NY			
Project Name: 4101 Arthur Kill Former Port Mobil	Project #: 46042832			
Site:	SSOW#:			

Analysis Requested

Preservation Codes: N None, F MeOH

Sample Identification	Sample Date	Sample Time	Sample Type (C=comp, G=grab)	Matrix (W=water, S=solid, O=waste/oil, BT=Tissue, A=Air, DW=Drinking Water)	Field Filtered Sample (Yes or No)	Perform MS/MSD (Yes or No)	6020B_7471B; 6084B_8082A_8270E	8260D TCL/Part 375 VOCs	Total Number of containers	Special Instructions/Note:
			Preservation Code:				N	F		
44E2_7-8	10/7/25	1155	G	Solid				X		
44E3_4-5		1200		Solid						
44F1_1-2		1205		Solid						
44F2_2-3		1210		Solid						
44F3_4-5		1215		Solid						
44F1_5-6		1220		Solid						
44F2_6-7		1225		Solid						
44F3_7-8		1230		Solid						
44F1_7-8		1235		Solid						
45A1_1-2		1240		Solid						
45A2_2-3		1245		Solid						

Other:

Possible Hazard Identification
☐ Non-Hazard ☐ Flammable ☐ Skin Irritant ☐ Poison B ☐ Unknown ☐ Radiological

Sample Disposal (A fee may be assessed if samples are retained longer than 1 month)
☐ Return To Client ☐ Disposal By Lab ☐ Archive For _____ Months

Deliverable Requested: I II, III IV Other (specify)

Special Instructions/QC Requirements:

Empty Kit Relinquished by:	Date:	Time:	Method of Shipment:

	Relinquished by	Date/Time	Company	Received by	Date/Time	Company
1	Kassidy OConnor	10/7/25	HHA		10/7 15:00	ET
2		10/7 17:15	ET	Emily Roffler	10/7/25 1715	ETA
3						

Custody Seals Intact: Δ Yes Δ No | Custody Seal No.: N/A

Cooler Temperature(s) °C and Other Remarks: #1 1) 1.3/1.0 2) 1.0/1.7

Ver: 10/10/2024

10/16/2025

Eurofins Edison
777 New Durham Road
Edison NJ 08817
Phone: 732-549-3900 Fax: 732-549-3679

Chain of Custody Record

eurofins | Environment Testing

Client Information	Sampler: KRD	Lab PM: Flannery, Elizabeth J	Carrier Tracking No(s):	COC No: 460-200645-131312.20
Client Contact: Sarah Commisso	Phone:	E-Mail: Elizabeth.Flannery@et.eurofinsus.com	State of Origin:	Page: Page ~~20 of 21~~ 7/9
Company: Haley & Aldrich, Inc.	PWSID:			Job #: 936648
Address: 213 West 35th Street, 7th Floor	Due Date Requested:			
City: New York	TAT Requested (days): 5-DAY			
State, Zip: NY 10001	Compliance Project: Δ Yes Δ No			
Phone:	PO #: 0213330-001-002-03 ~~0208988.001.001.05~~			
Email: SCommisso@haleyaldrich.com	WO #: 4101 Arthur Kill Road, Staten Island, NY			
Project Name: 4101 Arthur Kill - Former Port Mobil	Project #: 46042832			
Site:	SSOW#:			

Analysis Requested

Preservation Codes:
N None
F MeOH

Sample Identification	Sample Date	Sample Time	Sample Type (C=Comp, G=grab)	Matrix (W=water, S=solid, O=waste/oil, BT=Tissue, A=Air, DW=Drinking Water)	Field Filtered Sample (Yes or No)	Perform MS/MSD (Yes or No)	8260B, 8260C, 8260D TCL/Part 375 VOCs	Total Number of containers	Special Instructions/Note:
		Preservation Code:					N F		
45A3_4-5	10/7/25	1250	G	Solid			X		
45A1_5-6		1255		Solid					
45A2_7-8		1300		Solid					
45A3_9-10		1305		Solid					
45A1_11-12		1310		Solid					
45B1_1-2		1315		Solid					
45B2_3-4		1320		Solid					
45B3_4-5		1325		Solid					
45B1_6-7		1330		Solid					
45B2_7-8		1335		Solid					
45B3_9-10		1340		Solid					

Other

Possible Hazard Identification
☐ Non-Hazard ☐ Flammable ☐ Skin Irritant ☐ Poison B ☐ Unknown ☐ Radiological

Sample Disposal (A fee may be assessed if samples are retained longer than 1 month)
☐ Return To Client ☐ Disposal By Lab ☐ Archive For _____ Months

Deliverable Requested: I, II, III, IV Other (specify)

Special Instructions/QC Requirements:

Empty Kit Relinquished by:	Date:	Time:	Method of Shipment:

Relinquished by	Date/Time	Company	Received by	Date/Time	Company
Kassidy OConnor	10/7/25	H&A		10/7 1500	ET
	10/7 1715	ET		10/7/25 1715	ET

Custody Seals Intact: Δ Yes Δ No	Custody Seal No. N/A	Cooler Temperature(s) °C and Other Remarks: #1) 13/1.0 2) 1.0/.7

Ver: 10/10/2024

Eurofins Edison
777 New Durham Road
Edison, NJ 08817
Phone: 732-549-3900 Fax: 732-549-3679

Chain of Custody Record

eurofins | Environment Testing

Client Information	Sampler: KRD	Lab PM: Flannery Elizabeth J	Carrier Tracking No(s):	COC No: 460-200645-131312.21
Client Contact: Sarah Commisso	Phone:	E-Mail: Elizabeth.Flannery@et.eurofinsus.com	State of Origin:	Page: Page ~~21 of 21~~ 8/9
Company: Haley & Aldrich, Inc.	PWSID:			Job #: 326648
Address: 213 West 35th Street, 7th Floor	Due Date Requested:			
City: New York	TAT Requested (days): 5-DAY			
State, Zip: NY 10001	Compliance Project: Δ Yes Δ No			
Phone:	PO #: 0213836-001-002-03 0208988-001-001-06			
Email: SCommisso@haleyaldrich.com	WO #: 4101 Arthur Kill Road, Staten Island, NY			
Project Name: 4101 Arthur Kill Former Port Mobil	Project #: 46042832			
Site:	SSOW#:			

Analysis Requested

Preservation Codes:
N None
F MeOH
Other:

Sample Identification	Sample Date	Sample Time	Sample Type (C=Comp, G=grab)	Matrix (W=water, S=solid, O=waste/oil BT=Tissue, A=Air, DW=Drinking Water)	Field Filtered Sample (Yes or No)	Perform MS/MSD (Yes or No)	6020B; 7471B; 8081B; 8082A; 8270E	8260D TCLP Part 375 VOCs	Total Number of containers	Special Instructions/Note:
	Preservation Code:				X	X	N	F	X	
45B2-10-11	10/7/25	1345	G	Solid				X		
45C1-1-2	"	1350	"	Solid				"		
45C2-3-4	"	1355	"	Solid				"		
45C3-4-5	"	1400	"	Solid				"		
45C1-5-6	"	1405	"	Solid				"		
45C2-6-7	"	1410	"	"				"		
45C3-8-9	"	1415	"	"				"		
45C2-11-12	"	1420	"	"				"		
49A1-0-1	"	1445	"	"				"		
49A2-2-3	"	1450	"	"				"		
49A3-4-5	"	1455	"	"				"		

Possible Hazard Identification
☐ Non-Hazard ☐ Flammable ☐ Skin Irritant ☐ Poison B ☐ Unknown ☐ Radiological

Sample Disposal (A fee may be assessed if samples are retained longer than 1 month)
☐ Return To Client ☐ Disposal By Lab ☐ Archive For _____ Months

Deliverable Requested: I, II, III, IV Other (specify)

Special Instructions/QC Requirements:

Empty Kit Relinquished by:	Date:	Time:	Method of Shipment:

	Relinquished by	Date/Time	Company	Received by	Date/Time	Company
1	Kassidy OConnor	10/7/25	HEA		10/7 1500	ET
2		10/7 1715	ET	Emily Maffia	10/7/25 1716	ET
3		Date/Time:	Company	Received by:	Date/Time:	Company

Custody Seals Intact: Δ Yes Δ No | Custody Seal No.: N/A

Cooler Temperature(s) °C and Other Remarks: #1) 1.3/1.0 2) 1.0/1.7

Ver: 10/10/2024

Eurofins Edison
777 New Durham Road
Edison, NJ 08817
Phone: 732-549-3900 Fax: 732-549-3679

Chain of Custody Record

eurofins | Environment Testing

Client Information	Sampler: KRO	Lab PM: Flannery Elizabeth J	Carrier Tracking No(s):	COC No: 460-200960-131532.3
Client Contact: Sarah Commisso	Phone:	E-Mail: Elizabeth.Flannery@et.eurofinsus.com	State of Origin:	Page: ~~Page 3 of 10~~ 9/9
Company: Haley & Aldrich, Inc.	PWSID:	Analysis Requested		Job #: 336645
Address: 213 West 35th Street, 7th Floor	Due Date Requested:			Preservation Codes: N None F MeOH
City: New York	TAT Requested (days): 5 DAY			
State, Zip: NY 10001	Compliance Project: Δ Yes Δ No			
Phone:	PO #: 0213836 -001-002-03 ~~0209365-001-001-06~~			
Email: SCommisso@haleyaldrich.com	WO #: 4101 Arthur Kill Road, Staten Island, NY			
Project Name: 4101 Arthur Kill Former Port Mobil	Project #: 46042832			
Site:	SSOW#:			Other

Sample Identification	Sample Date	Sample Time	Sample Type (C=comp, G=grab)	Matrix (W=water, S=solid, O=waste/oil BT=Tissue, A=Air, DW=Drinking Water)	Field Filtered Sample (Yes or No)	Perform MS/MSD (Yes or No)	6020B; 7471B; 8081B; 8082A; 8270E	8260D TCL/Part 375 VOCs	Total Number of containers	Special Instructions/Note:
Preservation Code:							N	F		
49A4_5-6	10/7/25	1500	G	Solid				X		
49A1_7-8		1505		Solid						
49A2_8-9		1510		Solid						
49A3_9-10		1515		Solid						
49B1_1-2		1520		Solid						
49B2_2-3		1525		Solid						
49B3_3-4		1530		Solid						
49B4_5-6		1535		Solid						
49B1_7-8		1540		Solid						
49B2_8-9		1545		Solid						
49B4_9-10		1550		Solid						

Possible Hazard Identification
☐ Non-Hazard ☐ Flammable ☐ Skin Irritant ☐ Poison B ☐ Unknown ☐ Radiological

Sample Disposal (A fee may be assessed if samples are retained longer than 1 month)
☐ Return To Client ☐ Disposal By Lab ☐ Archive For _____ Months

Deliverable Requested: I II III IV Other (specify)

Special Instructions/QC Requirements:

Empty Kit Relinquished by:	Date:	Time:	Method of Shipment:
Relinquished by: Kassidy OConnor	Date/Time: 10/7/25	Company: H&A	Received by:	Date/Time: 10/7 1500	Company: ET
Relinquished by:	Date/Time: 10/7 17.15	Company: ET	Received by: Emily Mabe	Date/Time: 10/7/25 1715	Company: ET
Relinquished by:	Date/Time:	Company	Received by:	Date/Time:	Company

Custody Seals Intact: Δ Yes Δ No | Custody Seal No.: N/A

Cooler Temperature(s) °C and Other Remarks: #1 1.) 5/10 / 2) 1.0/.7

Ver: 10/10/2024

Job Number: 376648

Eurofins TestAmerica Edison
Receipt Temperature and pH Log

Number of Coolers: _____ IR Gun # 9

Cooler Temperatures

	RAW	CORRECTED		RAW	CORRECTED		RAW	CORRECTED
Cooler #1:	1.3 °C	1.0 °C	Cooler #4:	°C	°C	Cooler #7:	°C	°C
Cooler #2:	1.0 °C	1.7 °C	Cooler #5:	°C	°C	Cooler #8:	°C	°C
Cooler #3:	°C	°C	Cooler #6:	°C	°C	Cooler #9:	°C	°C

TALS Sample Number	Ammonia (pH<2)	COD (pH<2)	Nitrate Nitrite (pH<2)	Metals* (pH<2)	Hardness (pH<2)	Pest (pH 5-9)	EPH or QAM (pH<2)	Phenols (pH<2)	Sulfide (pH>9)	TKN (pH<2)	TOC (pH<2)	Total Cyanide (pH>12)	Total Phos (pH<2)	Other	Other

If pH adjustments are required record the information below:

Sample No(s). adjusted. _____

Preservative Name/Conc. _____ Volume of Preservative used (ml) _____

Lot # of Preservative(s): _____ Expiration Date: _____

The appropriate Project Manager and Department Manager should be notified about the samples which were pH adjusted.

** Samples for Metal analysis which are out of compliance must be acidified at least 24 hours prior to analysis.*

Initials: _____ Date: _____

Eurofins Edison
777 New Durham Road
Edison, NJ 08817
Phone: 732-549-3900 Fax: 732-549-3679

Chain of Custody Record

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Client Information (Sub Contract Lab)	Sampler: N/A	Lab PM: Flannery, Elizabeth J	Carrier Tracking No(s): N/A	COC No: 460-75587.1
Client Contact: Shipping/Receiving	Phone: N/A	E-Mail: Elizabeth.Flannery@et.eurofinsus.com	State of Origin: New York	Page: Page 1 of 3
Company: Eurofins Lancaster Laboratories Environm		Accreditations Required (See note): NELAP - New York		Job #: 460-336648-1
Address: 2425 New Holland Pike, ,	Due Date Requested: 10/14/2025			Preservation Codes: -
City: Lancaster	TAT Requested (days): N/A			
State, Zip: PA, 17601				
Phone: 717-656-2300(Tel)	PO #: N/A			
Email: N/A	WO #: N/A			
Project Name: 4101 Arthur Kill - Former Port Mobil	Project #: 46042832			
Site: N/A	SSOW#: N/A			Other: N/A

Sample Identification - Client ID (Lab ID)	Sample Date	Sample Time	Sample Type (C=comp, G=grab)	Matrix (W=water, S=solid, O=waste/oil, BT=Tissue, A=Air)	Field Filtered Sample (Yes or No)	Perform MS/MSD (Yes or No)	1633A/1633A_Shake1633 Standard List 40	Total Number of containers	Special Instructions/Note:
			Preservation Code:						
44A_0-4 (460-336648-1)	10/7/25	08:00 Eastern	G	Solid			X	1	
44A_4-8 (460-336648-2)	10/7/25	08:05 Eastern	G	Solid			X	1	
44B_0-4 (460-336648-3)	10/7/25	08:10 Eastern	G	Solid			X	1	
44B_4-8 (460-336648-4)	10/7/25	08:15 Eastern	G	Solid			X	1	
44C_0-4 (460-336648-5)	10/7/25	08:20 Eastern	G	Solid			X	1	
44C_4-8 (460-336648-6)	10/7/25	08:25 Eastern	G	Solid			X	1	
44D_0-4 (460-336648-7)	10/7/25	08:30 Eastern	G	Solid			X	1	
44D_4-8 (460-336648-8)	10/7/25	08:35 Eastern	G	Solid			X	1	
44E_0-4 (460-336648-9)	10/7/25	08:40 Eastern	G	Solid			X	1	

Note: Since laboratory accreditations are subject to change, Eurofins Environment Testing Northeast, LLC places the ownership of method, analyte & accreditation compliance upon our subcontract laboratories. This sample shipment is forwarded under chain-of-custody. If the laboratory does not currently maintain accreditation in the State of Origin listed above for analysis/tests/matrix being analyzed, the samples must be shipped back to the Eurofins Environment Testing Northeast, LLC laboratory or other instructions will be provided. Any changes to accreditation status should be brought to Eurofins Environment Testing Northeast, LLC attention immediately. If all requested accreditations are current to date, return the signed Chain of Custody attesting to said compliance to Eurofins Environment Testing Northeast, LLC.

Possible Hazard Identification	Sample Disposal (A fee may be assessed if samples are retained longer than 1 month)
Unconfirmed	☐ Return To Client ☐ Disposal By Lab ☐ Archive For _____ Months
Deliverable Requested: I, II, III, IV, Other (specify) Primary Deliverable Rank: 1	Special Instructions/QC Requirements:

Empty Kit Relinquished by:	Date:	Time:	Method of Shipment:

Relinquished by:	Date/Time: 10/6/25 1800	Company	Received by:	Date/Time: 10/6/25 1800	Company
Relinquished by:	Date/Time: 10/8/25 2117	Company	Received by:	Date/Time:	Company
Relinquished by:	Date/Time:	Company	Received by:	Date/Time: 10/8/25 2117	Company ELLET

Custody Seals Intact: ☐ Yes ☒ No	Custody Seal No.:	Cooler Temperature(s) °C and Other Remarks: R.I.G C.I. 7

Ver: 10/10/2024

Login Sample Receipt Checklist

Client: Haley & Aldrich, Inc.

Job Number: 460-336648-1

Login Number: 336648

List Source: Eurofins Edison

List Number: 1

Creator: Thundathorn, Sukanan 1

Question	Answer	Comment
Radioactivity wasn't checked or is </= background as measured by a survey meter.	N/A	
The cooler's custody seal, if present, is intact.	True	
Sample custody seals, if present, are intact.	True	
The cooler or samples do not appear to have been compromised or tampered with.	True	
Samples were received on ice.	True	
Cooler Temperature is acceptable.	True	
Cooler Temperature is recorded.	True	
COC is present.	True	
COC is filled out in ink and legible.	True	
COC is filled out with all pertinent information.	True	
Is the Field Sampler's name present on COC?	True	
There are no discrepancies between the containers received and the COC.	True	
Samples are received within Holding Time (excluding tests with immediate HTs)	True	
Sample containers have legible labels.	True	
Containers are not broken or leaking.	True	
Sample collection date/times are provided.	True	
Appropriate sample containers are used.	True	
Sample bottles are completely filled.	True	
Sample Preservation Verified.	True	
There is sufficient vol. for all requested analyses, incl. any requested MS/MSDs	True	
Containers requiring zero headspace have no headspace or bubble is <6mm (1/4").	True	
Multiphasic samples are not present.	True	
Samples do not require splitting or compositing.	True	
Residual Chlorine Checked.	N/A	

Login Sample Receipt Checklist

Client: Haley & Aldrich, Inc.

Job Number: 460-336648-1

Login Number: 336648
List Number: 2
Creator: McDonald, Teigan

List Source: Eurofins Lancaster Laboratories Environment Testing, LLC
List Creation: 10/09/25 01:20 AM

Question	Answer	Comment
The cooler's custody seal is intact.	N/A	
The cooler or samples do not appear to have been compromised or tampered with.	True	
Samples were received on ice.	True	
Cooler Temperature acceptable,where thermal pres is required(</=6C, not frozen).	True	
Cooler Temperature is recorded.	True	
WV:Container Temp acceptable,where thermal pres is required (</=6C, not frozen).	N/A	
WV: Container Temperature is recorded.	N/A	
COC is present.	True	
COC is filled out in ink and legible.	True	
COC is filled out with all pertinent information.	True	
There are no discrepancies between the containers received and the COC.	True	
Sample containers have legible labels.	True	
Containers are not broken or leaking.	True	
Sample collection date/times are provided.	True	
Appropriate sample containers are used.	True	
Sample bottles are completely filled.	True	
There is sufficient vol. for all requested analyses.	True	
Is the Field Sampler's name present on COC?	False	Received project as a subcontract.
Sample custody seals are intact.	N/A	
VOA sample vials do not have headspace >6mm in diameter (none, if from WV)?	N/A	

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ANALYTICAL REPORT

PREPARED FOR

Attn: Sarah Commisso
Haley & Aldrich, Inc.
213 West 35th Street, 7th Floor
New York, New York 10001

Generated 10/20/2025 10:41:02 AM

JOB DESCRIPTION

Former Port Mobil

JOB NUMBER

460-336761-1

Eurofins Edison
777 New Durham Road
Edison NJ 08817

See page two for job notes and contact information.

my EOL

Eurofins Edison

Job Notes

This report may not be reproduced except in full, and with written approval from the laboratory. The results relate only to the samples tested. For questions please contact the Project Manager at the e-mail address or telephone number listed on this page.

The test results in this report relate only to the samples as received by the laboratory and will meet all requirements of the methodology, with any exceptions noted. This report shall not be reproduced except in full, without the express written approval of the laboratory. All questions should be directed to the Eurofins Environment Testing Northeast, LLC Project Manager.

Compliance Statement

I certify that this data package is in compliance with the terms and conditions of the contract, both technically and for completeness, for other than the conditions detailed within the body of this report. Release of the data contained in this sample data package and in the electronic data deliverable has been authorized by the Laboratory Manager or his/her designee, as verified by the following signature.

Authorization

Generated
10/20/2025 10:41:02 AM

Authorized for release by
Elizabeth Flannery, Project Manager I
Elizabeth.Flannery@et.eurofinsus.com
(732)549-3900

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Qualifiers

GC/MS VOA

Qualifier	Qualifier Description
*	LCS or LCSD is outside acceptance limits.
J	Indicates an estimated value.
U	Analyzed for but not detected.

GC/MS Semi VOA

Qualifier	Qualifier Description
*	MS or MSD is outside acceptance limits.
*	Duplicate RPD exceeds control limits
E	Compound concentration exceeds the upper level of the calibration range of the instrument for that specific analysis.
J	Indicates an estimated value.
U	Analyzed for but not detected.

GC Semi VOA

Qualifier	Qualifier Description
U	Analyzed for but not detected.

LCMS

Qualifier	Qualifier Description
*	Isotope Dilution analyte is outside acceptance limits.
I	Ion ratio outside limits
J	Indicates an estimated value.
U	Analyzed for but not detected.

Metals

Qualifier	Qualifier Description
*	Duplicate analysis not within control limits.
4	MS, MSD: The analyte present in the original sample is greater than 4 times the matrix spike concentration; therefore, control limits are not applicable.
J	Sample result is greater than the MDL but below the CRDL
N	Spiked sample recovery is not within control limits.
U	Indicates analyzed for but not detected.

Glossary

Abbreviation	These commonly used abbreviations may or may not be present in this report.
☼	Listed under the "D" column to designate that the result is reported on a dry weight basis
%R	Percent Recovery
CFL	Contains Free Liquid
CFU	Colony Forming Unit
CNF	Contains No Free Liquid
DER	Duplicate Error Ratio (normalized absolute difference)
Dil Fac	Dilution Factor
DL	Detection Limit (DoD/DOE)
DL, RA, RE, IN	Indicates a Dilution, Re-analysis, Re-extraction, or additional Initial metals/anion analysis of the sample
DLC	Decision Level Concentration (Radiochemistry)
EDL	Estimated Detection Limit (Dioxin)
LOD	Limit of Detection (DoD/DOE)
LOQ	Limit of Quantitation (DoD/DOE)
MCL	EPA recommended "Maximum Contaminant Level"
MDA	Minimum Detectable Activity (Radiochemistry)
MDC	Minimum Detectable Concentration (Radiochemistry)
MDL	Method Detection Limit
ML	Minimum Level (Dioxin)
MPN	Most Probable Number
MQL	Method Quantitation Limit
NC	Not Calculated

Glossary (Continued)

Abbreviation	These commonly used abbreviations may or may not be present in this report.
ND	Not Detected at the reporting limit (or MDL or EDL if shown)
NEG	Negative / Absent
POS	Positive / Present
PQL	Practical Quantitation Limit
PRES	Presumptive
QC	Quality Control
RER	Relative Error Ratio (Radiochemistry)
RL	Reporting Limit or Requested Limit (Radiochemistry)
RPD	Relative Percent Difference, a measure of the relative difference between two points
TEF	Toxicity Equivalent Factor (Dioxin)
TEQ	Toxicity Equivalent Quotient (Dioxin)
TNTC	Too Numerous To Count

Job Narrative
460-336761-1

The analytical test results presented in this report meet all requirements of the associated regulatory program listed on the Accreditation/Certification Summary Page, unless otherwise noted. Data qualifiers and/or narrative comments are included to explain any exceptions, if applicable. Regulated compliance samples (e.g. SDWA, NPDES) must comply with associated agency requirements/permits.

- Matrix-specific batch QC (e.g., MS, MSD, SD) may not be reported when insufficient sample volume is available or when site-specific QC samples are not submitted. In such cases, a Laboratory Control Sample Duplicate (LCSD) may be analyzed to provide precision data for the batch.
- For samples analyzed using surrogate and/or isotope dilution analytes, any recoveries falling outside of established acceptance criteria are re-prepared and/or re-analyzed to confirm results, unless the deviation is due to sample dilution or otherwise explained in the case narrative.

Receipt
The samples were received on 10/8/2025 5:00 PM. Unless otherwise noted below, the samples arrived in good condition, and, where required, properly preserved and on ice. The temperatures of the 4 coolers at receipt time were 0.6°C, 0.7°C, 0.7°C and 1.1°C.

Method 8260D - Volatile Organic Compounds by GC/MS
Samples 49C1_1-2 (460-336761-21), 49C2_2-3 (460-336761-22), 49C3_3-4 (460-336761-23), 49C1_5-6 (460-336761-24), 49C2_7-8 (460-336761-25), 49C3_8-9 (460-336761-26), 49C1_9-10 (460-336761-27), 49D1_1-2 (460-336761-28), 49D2_2-3 (460-336761-29), 49D3_3-4 (460-336761-30), 49D1_4-5 (460-336761-31), 49D2_5-6 (460-336761-32), 49D3_6-7 (460-336761-33), 49D1_7-8 (460-336761-34), 5A1_1-2 (460-336761-35), 5A2_2-3 (460-336761-36), 5A3_4-5 (460-336761-37), 5A1_5-6 (460-336761-38), 5A2_7-8 (460-336761-39), 5A3_8-9 (460-336761-40), 5A1_9-10 (460-336761-41), 5B1_1-2 (460-336761-42), 5B2_2-3 (460-336761-43), 5B3_3-4 (460-336761-44), 5B1_5-6 (460-336761-45), 5B2_6-7 (460-336761-46), 5B3_8-9 (460-336761-47), 5B2_9-10 (460-336761-48), 5C1_1-2 (460-336761-49), 5C2_3-4 (460-336761-50), 5C3_4-5 (460-336761-51), 5C1_5-6 (460-336761-52), 5C2_6-7 (460-336761-53), 5C3_8-9 (460-336761-54), 5C3_9-10 (460-336761-55), 5D1_1-2 (460-336761-56), 5D2_3-4 (460-336761-57), 5D3_4-5 (460-336761-58), 5D1_5-6 (460-336761-59), 5D2_7-8 (460-336761-60), 5D3_8-9 (460-336761-61), 5D2_9-10 (460-336761-62), 5E1_1-2 (460-336761-63), 5E2_3-4 (460-336761-64), 5E3_4-5 (460-336761-65), 5E1_6-7 (460-336761-66), 5E2_7-8 (460-336761-67), 5E3_8-9 (460-336761-68), 5E1_9-10 (460-336761-69), 3B1_1-2 (460-336761-70), 3B2_2-3 (460-336761-71), 3B3_4-5 (460-336761-72), 3B1_6-7 (460-336761-73), 3B2_8-9 (460-336761-74), 3B3_10-11 (460-336761-75), 3B3_11-12 (460-336761-76), 3C1_1-2 (460-336761-77), 3C2_2-3 (460-336761-78), 3C3_4-5 (460-336761-79), 3C1_5-6 (460-336761-80), 3C2_7-8 (460-336761-81), 3C3_9-10 (460-336761-82), 3C1_10-11 (460-336761-83), 3D1_1-2 (460-336761-84), 3D2_3-4 (460-336761-85), 3D3_5-6 (460-336761-86), 3D1_6-7 (460-336761-87), 3D2_7-8 (460-336761-88), 3D3_9-10 (460-336761-89) and 3D1_11-12 (460-336761-90) were analyzed for Volatile Organic Compounds by GC/MS. The samples were prepared on 10/11/2025 and analyzed on 10/11/2025, 10/12/2025, 10/13/2025, 10/14/2025 and 10/15/2025.

The continuing calibration verification (CCV) analyzed in batch 460-1067680 was outside the method criteria for the following analyte: 1,2-Dichloroethane (biased low). A CCV standard at or below the reporting limit (RL) was analyzed with the affected samples and found to be acceptable. As indicated in the reference method, sample analysis may proceed; however, any detection for the affected analyte(s) is considered estimated.

The continuing calibration verification (CCV) analyzed in batch 460-1067682 was outside the method criteria for the following analyte(s): Carbon tetrachloride, 1,2-Dichloroethane, 1,1,1-Trichloroethane, Methyl acetate and Methyl tert-butyl ether (biased low); Bromomethane (biased high). A CCV standard at or below the reporting limit (RL) was analyzed with the affected samples and found to be acceptable. As indicated in the reference method, sample analysis may proceed; however, any detection for the affected analyte(s) is considered estimated.

The laboratory control sample (LCS) and / or laboratory control sample duplicate (LCSD) for analytical batch 460-1067682 recovered outside control limits for the following analyte: Bromomethane. This analyte was biased high in the LCS/LCSD and was not detected in the associated samples; therefore, the data have been reported.

The laboratory control sample (LCS) for analytical batch 460-1067931 recovered outside control limits for the following analytes: 2-Hexanone and 4-Methyl-2-pentanone (MIBK). These analytes were biased high in the LCS and were not detected in the associated samples; therefore, the data have been reported.

Job ID: 460-336761-1 (Continued)

The continuing calibration verification (CCV) analyzed in batch 460-1067947 was outside the method criteria for the following analyte(s): 1,2-Dichloroethane and Carbon tetrachloride (biased low). A CCV standard at or below the reporting limit (RL) was analyzed with the affected samples and found to be acceptable. As indicated in the reference method, sample analysis may proceed; however, any detection for the affected analyte(s) is considered estimated.

The continuing calibration verification (CCV) analyzed in batch 460-1068587 was outside the method criteria for the following analyte(s): 1,2-Dichloroethane and Methyl acetate (biased low); Dichlorodifluoromethane (biased high). A CCV standard at or below the reporting limit (RL) was analyzed with the affected samples and found to be acceptable. As indicated in the reference method, sample analysis may proceed; however, any detection for the affected analyte(s) is considered estimated.

The laboratory control sample duplicate (LCSD) for analytical batch 460-1068587 recovered outside control limits for the following analyte: Dichlorodifluoromethane. This analyte was biased high in the LCSD and was not detected in the associated samples; therefore, the data have been reported.

The continuing calibration verification (CCV) analyzed in batch 460-1067700 was outside the method criteria for the following analyte(s): 1,2-Dichloroethane, Carbon tetrachloride and Methyl acetate (biased low); Bromomethane (biased high). A CCV standard at or below the reporting limit (RL) was analyzed with the affected samples and found to be acceptable. As indicated in the reference method, sample analysis may proceed; however, any detection for the affected analyte(s) is considered estimated.

The laboratory control sample (LCS) and / or laboratory control sample duplicate (LCSD) for analytical batch 460-1067700 recovered outside control limits for the following analytes: Bromomethane (biased high) and trans-1,3-Dichloropropene (biased low). These analytes were biased high in the LCS and were not detected in the associated samples; therefore, the data have been reported.

Method 8270E - Semivolatile Organic Compounds (GC/MS)
Samples 49C_0-5 (460-336761-1), 49C_5-10 (460-336761-2), 49D_0-5 (460-336761-3), 49D_5-10 (460-336761-4), 5A_0-5 (460-336761-5), 5A_5-10 (460-336761-6), 5B_0-5 (460-336761-7), 5B_5-10 (460-336761-8), 5C_0-5 (460-336761-9), 5C_5-10 (460-336761-10), 5D_0-5 (460-336761-11), 5D_5-10 (460-336761-12), 5E_0-5 (460-336761-13), 5E_5-10 (460-336761-14), 3B_0-7 (460-336761-15), 3B_7-14 (460-336761-16), 3C_0-7 (460-336761-17), 3C_7-14 (460-336761-18), 3D_0-7 (460-336761-19) and 3D_7-14 (460-336761-20) were analyzed for Semivolatile Organic Compounds (GC/MS). The samples were prepared on 10/10/2025 and analyzed on 10/10/2025 and 10/11/2025.

The continuing calibration verification (CCV) analyzed in batch 460-1067493 was outside the method criteria for the following analyte(s): Benzaldehyde. A CCV standard at or below the reporting limit (RL) was analyzed with the affected samples and found to be acceptable. As indicated in the reference method, sample analysis may proceed; however, any detection for the affected analyte(s) is considered estimated.

The continuing calibration verification (CCV) analyzed in batch 460-1067343 was outside the method criteria for the following analyte(s): 4,6-Dinitro-2-methylphenol, 4-Nitroaniline, Benzaldehyde and Hexachlorocyclopentadiene. A CCV standard at or below the reporting limit (RL) was analyzed with the affected samples and found to be acceptable. As indicated in the reference method, sample analysis may proceed; however, any detection for the affected analyte(s) is considered estimated.

Method 8082A - Polychlorinated Biphenyls (PCBs) by Gas Chromatography
Samples 49C_0-5 (460-336761-1), 49C_5-10 (460-336761-2), 49D_0-5 (460-336761-3), 49D_5-10 (460-336761-4), 5A_0-5 (460-336761-5), 5A_5-10 (460-336761-6), 5B_0-5 (460-336761-7), 5B_5-10 (460-336761-8), 5C_0-5 (460-336761-9), 5C_5-10 (460-336761-10), 5D_0-5 (460-336761-11), 5D_5-10 (460-336761-12), 5E_0-5 (460-336761-13), 5E_5-10 (460-336761-14), 3B_0-7 (460-336761-15), 3B_7-14 (460-336761-16), 3C_0-7 (460-336761-17), 3C_7-14 (460-336761-18), 3D_0-7 (460-336761-19) and 3D_7-14 (460-336761-20) were analyzed for Polychlorinated Biphenyls (PCBs) by Gas Chromatography. The samples were prepared on 10/9/2025 and analyzed on 10/10/2025 and 10/11/2025.

Method 8081B - Organochlorine Pesticides (GC)
Samples 49C_0-5 (460-336761-1), 49C_5-10 (460-336761-2), 49D_0-5 (460-336761-3), 49D_5-10 (460-336761-4), 5A_0-5 (460-336761-5), 5A_5-10 (460-336761-6), 5B_0-5 (460-336761-7), 5B_5-10 (460-336761-8), 5C_0-5 (460-336761-9), 5C_5-10 (460-336761-10), 5D_0-5 (460-336761-11), 5D_5-10 (460-336761-12), 5E_0-5 (460-336761-13), 5E_5-10 (460-336761-14), 3B_0-7 (460-336761-15), 3B_7-14 (460-336761-16), 3C_0-7 (460-336761-17), 3C_7-14 (460-336761-18), 3D_0-7 (460-336761-19) and 3D_7-14 (460-336761-20) were analyzed for Organochlorine Pesticides (GC). The samples were prepared on 10/9/2025 and analyzed on 10/10/2025.

Method 1633A - Per- and Polyfluoroalkyl Substances by LC/MS/MS, 1633A
Samples 49C_0-5 (460-336761-1), 49C_5-10 (460-336761-2), 49D_0-5 (460-336761-3), 49D_5-10 (460-336761-4), 5A_0-5 (460-336761-5), 5A_5-10 (460-336761-6), 5B_0-5 (460-336761-7), 5B_5-10 (460-336761-8), 5C_0-5 (460-336761-9), 5C_5-10

(460-336761-10), 5D_0-5 (460-336761-11), 5D_5-10 (460-336761-12), 5E_0-5 (460-336761-13), 5E_5-10 (460-336761-14), 3B_0-7 (460-336761-15), 3B_7-14 (460-336761-16), 3C_0-7 (460-336761-17), 3C_7-14 (460-336761-18), 3D_0-7 (460-336761-19) and 3D_7-14 (460-336761-20) were analyzed for Per- and Polyfluoroalkyl Substances by LC/MS/MS, 1633A. The samples were prepared on 10/15/2025 and analyzed on 10/16/2025 and 10/17/2025.

Sample 49D_0-5 (460-336761-3)[10x] required dilution prior to analysis. The reporting limits have been adjusted accordingly.

The labeled isotopes 13C2 4:2 FTS are outside QC acceptance limits. Since the recovery in sample 5D_0-5 (460-336761-11) is less than 200%, the data is reported.

The labeled isotopes 13C2 4:2 FTS and 13C2 6:2 FTS are outside QC acceptance limits. Since the recovery in sample 5D_5-10 (460-336761-12) is less than 200%, the data is reported.

The labeled isotopes 13C2 4:2 FTS are outside QC acceptance limits. Since the recovery in sample 5E_0-5 (460-336761-13) is less than 200%, the data is reported.

The labeled isotopes 13C2 4:2 FTS are outside QC acceptance limits. Since the recovery in sample 5E_5-10 (460-336761-14) is less than 200%, the data is reported.

The labeled isotopes 13C2 4:2 FTS are outside QC acceptance limits. Since the recovery in sample 3C_0-7 (460-336761-17) is less than 200%, the data is reported.

The labeled isotopes 13C8 PFOS and 13C2 PFDoA are outside QC acceptance limits. Since the recovery in sample 5D_5-10 (460-336761-12) is greater than 5%, and the signal to noise ratio is greater than 10:1, the data is reported.

The recovery for labeled isotope: d5-NEtFOSAA is outside the QC acceptance limits in the closing continuing calibration verification standard, biased high. Since the recovery for the labeled isotope is within QC limits in the following samples: 5C_0-5 (460-336761-9), 5C_5-10 (460-336761-10), 5D_0-5 (460-336761-11), 5D_5-10 (460-336761-12), 5E_0-5 (460-336761-13), 5E_5-10 (460-336761-14), 3B_0-7 (460-336761-15), 3B_7-14 (460-336761-16) and 3C_0-7 (460-336761-17) , the data is reported.

The recovery for labeled isotope: d5-NEtFOSAA is outside the QC acceptance limits in the opening continuing calibration verification standard, biased high. Since the recovery for the labeled isotope is within QC limits in the following samples: 3C_7-14 (460-336761-18), 3D_0-7 (460-336761-19) and 3D_7-14 (460-336761-20) , the data is reported.

The labeled isotopes 13C2 4:2 FTS are outside QC acceptance limits. Since the recovery in sample 3C_7-14 (460-336761-18) is less than 350%, the data is reported.

The transition mass ratio for Perfluorononanoic acid (PFNA) in sample 49C_0-5 (460-336761-1) in analytical batch 410-715092 was outside of the established ratio limits. However, analyst judgment was used to positively identify the analyte. The analyte is flagged appropriately to identify this exceedance.

Method 6020B - Metals (ICP/MS)
Samples 49C_0-5 (460-336761-1), 49C_5-10 (460-336761-2), 49D_0-5 (460-336761-3), 49D_5-10 (460-336761-4), 5A_0-5 (460-336761-5), 5A_5-10 (460-336761-6), 5B_0-5 (460-336761-7), 5B_5-10 (460-336761-8), 5C_0-5 (460-336761-9), 5C_5-10 (460-336761-10), 5D_0-5 (460-336761-11), 5D_5-10 (460-336761-12), 5E_0-5 (460-336761-13), 5E_5-10 (460-336761-14), 3B_0-7 (460-336761-15), 3B_7-14 (460-336761-16), 3C_0-7 (460-336761-17), 3C_7-14 (460-336761-18), 3D_0-7 (460-336761-19) and 3D_7-14 (460-336761-20) were analyzed for Metals (ICP/MS). The samples were prepared on 10/12/2025 and 10/15/2025 and analyzed on 10/13/2025 and 10/15/2025.

Method 7471B - Mercury (CVAA)
Samples 49C_0-5 (460-336761-1), 49C_5-10 (460-336761-2), 49D_0-5 (460-336761-3), 49D_5-10 (460-336761-4), 5A_0-5 (460-336761-5), 5A_5-10 (460-336761-6), 5B_0-5 (460-336761-7), 5B_5-10 (460-336761-8), 5C_0-5 (460-336761-9), 5C_5-10 (460-336761-10), 5D_0-5 (460-336761-11), 5D_5-10 (460-336761-12), 5E_0-5 (460-336761-13), 5E_5-10 (460-336761-14), 3B_0-7 (460-336761-15), 3B_7-14 (460-336761-16), 3C_0-7 (460-336761-17), 3C_7-14 (460-336761-18), 3D_0-7 (460-336761-19) and 3D_7-14 (460-336761-20) were analyzed for Mercury (CVAA). The samples were prepared and analyzed on 10/17/2025.

Method Moisture - Percent Moisture
Samples 49C_0-5 (460-336761-1), 49C_5-10 (460-336761-2), 49D_0-5 (460-336761-3), 49D_5-10 (460-336761-4), 5A_0-5 (460-336761-5), 5A_5-10 (460-336761-6), 5B_0-5 (460-336761-7), 5B_5-10 (460-336761-8), 5C_0-5 (460-336761-9), 5C_5-10

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(460-336761-10), 5D_0-5 (460-336761-11), 5D_5-10 (460-336761-12), 5E_0-5 (460-336761-13), 5E_5-10 (460-336761-14), 3B_0-7 (460-336761-15), 3B_7-14 (460-336761-16), 3C_0-7 (460-336761-17), 3C_7-14 (460-336761-18), 3D_0-7 (460-336761-19), 3D_7-14 (460-336761-20), 49C1_1-2 (460-336761-21), 49C2_2-3 (460-336761-22), 49C3_3-4 (460-336761-23), 49C1_5-6 (460-336761-24), 49C2_7-8 (460-336761-25), 49C3_8-9 (460-336761-26), 49C1_9-10 (460-336761-27), 49D1_1-2 (460-336761-28), 49D2_2-3 (460-336761-29), 49D3_3-4 (460-336761-30), 49D1_4-5 (460-336761-31), 49D2_5-6 (460-336761-32), 49D3_6-7 (460-336761-33), 49D1_7-8 (460-336761-34), 5A1_1-2 (460-336761-35), 5A2_2-3 (460-336761-36), 5A3_4-5 (460-336761-37), 5A1_5-6 (460-336761-38), 5A2_7-8 (460-336761-39), 5A3_8-9 (460-336761-40), 5A1_9-10 (460-336761-41), 5B1_1-2 (460-336761-42), 5B2_2-3 (460-336761-43), 5B3_3-4 (460-336761-44), 5B1_5-6 (460-336761-45), 5B2_6-7 (460-336761-46), 5B3_8-9 (460-336761-47), 5B2_9-10 (460-336761-48), 5C1_1-2 (460-336761-49), 5C2_3-4 (460-336761-50), 5C3_4-5 (460-336761-51), 5C1_5-6 (460-336761-52), 5C2_6-7 (460-336761-53), 5C3_8-9 (460-336761-54), 5C3_9-10 (460-336761-55), 5D1_1-2 (460-336761-56), 5D2_3-4 (460-336761-57), 5D3_4-5 (460-336761-58), 5D1_5-6 (460-336761-59), 5D2_7-8 (460-336761-60), 5D3_8-9 (460-336761-61), 5D2_9-10 (460-336761-62), 5E1_1-2 (460-336761-63), 5E2_3-4 (460-336761-64), 5E3_4-5 (460-336761-65), 5E1_6-7 (460-336761-66), 5E2_7-8 (460-336761-67), 5E3_8-9 (460-336761-68), 5E1_9-10 (460-336761-69), 3B1_1-2 (460-336761-70), 3B2_2-3 (460-336761-71), 3B3_4-5 (460-336761-72), 3B1_6-7 (460-336761-73), 3B2_8-9 (460-336761-74), 3B3_10-11 (460-336761-75), 3B3_11-12 (460-336761-76), 3C1_1-2 (460-336761-77), 3C2_2-3 (460-336761-78), 3C3_4-5 (460-336761-79), 3C1_5-6 (460-336761-80), 3C2_7-8 (460-336761-81), 3C3_9-10 (460-336761-82), 3C1_10-11 (460-336761-83), 3D1_1-2 (460-336761-84), 3D2_3-4 (460-336761-85), 3D3_5-6 (460-336761-86), 3D1_6-7 (460-336761-87), 3D2_7-8 (460-336761-88), 3D3_9-10 (460-336761-89) and 3D1_11-12 (460-336761-90) were analyzed for Percent Moisture. The samples were analyzed on 10/9/2025 and 10/12/2025.

Client Sample ID: 49C_0-5 — Lab Sample ID: 460-336761-1

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Perfluorooctanoic acid (PFOA)	0.072	J	0.19	0.058	ug/Kg	1	☼	1633A	Total/NA
Perfluorononanoic acid (PFNA)	0.21	I	0.19	0.097	ug/Kg	1	☼	1633A	Total/NA
Perfluorodecanoic acid (PFDA)	0.40		0.19	0.058	ug/Kg	1	☼	1633A	Total/NA
Perfluoroundecanoic acid (PFUnA)	0.61		0.19	0.097	ug/Kg	1	☼	1633A	Total/NA
Perfluorododecanoic acid (PFDoA)	0.24		0.19	0.097	ug/Kg	1	☼	1633A	Total/NA
Perfluorotridecanoic acid (PFTrDA)	0.30		0.19	0.097	ug/Kg	1	☼	1633A	Total/NA
Aluminum	3320		21.6	5.9	mg/Kg	1	☼	6020B	Total/NA
Antimony	1.3		1.1	0.16	mg/Kg	1	☼	6020B	Total/NA
Arsenic	6.7		1.1	0.11	mg/Kg	1	☼	6020B	Total/NA
Barium	21.8		2.2	0.16	mg/Kg	1	☼	6020B	Total/NA
Beryllium	0.57		0.43	0.024	mg/Kg	1	☼	6020B	Total/NA
Calcium	513		108	10.5	mg/Kg	1	☼	6020B	Total/NA
Chromium	12.7		2.2	0.32	mg/Kg	1	☼	6020B	Total/NA
Cobalt	8.0		1.1	0.16	mg/Kg	1	☼	6020B	Total/NA
Copper	86.4		2.2	0.40	mg/Kg	1	☼	6020B	Total/NA
Iron	13800		64.9	8.3	mg/Kg	1	☼	6020B	Total/NA
Lead	89.1		0.65	0.22	mg/Kg	1	☼	6020B	Total/NA
Magnesium	708		108	11.0	mg/Kg	1	☼	6020B	Total/NA
Manganese	93.2		4.3	0.44	mg/Kg	1	☼	6020B	Total/NA
Nickel	48.8		2.2	0.19	mg/Kg	1	☼	6020B	Total/NA
Potassium	526		108	17.5	mg/Kg	1	☼	6020B	Total/NA
Selenium	0.65	J	1.4	0.14	mg/Kg	1	☼	6020B	Total/NA
Silver	0.21	J	0.43	0.096	mg/Kg	1	☼	6020B	Total/NA
Sodium	52.9	J	108	49.4	mg/Kg	1	☼	6020B	Total/NA
Vanadium	16.7		2.2	0.22	mg/Kg	1	☼	6020B	Total/NA
Zinc	218		8.7	1.2	mg/Kg	1	☼	6020B	Total/NA
Mercury	0.023		0.018	0.0087	mg/Kg	1	☼	7471B	Total/NA

Client Sample ID: 49C_5-10 — Lab Sample ID: 460-336761-2

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Perfluorononanoic acid (PFNA)	0.14	J	0.19	0.096	ug/Kg	1	☼	1633A	Total/NA
Perfluorodecanoic acid (PFDA)	0.14	J	0.19	0.057	ug/Kg	1	☼	1633A	Total/NA
Perfluoroundecanoic acid (PFUnA)	0.70		0.19	0.096	ug/Kg	1	☼	1633A	Total/NA
Perfluorododecanoic acid (PFDoA)	0.34		0.19	0.096	ug/Kg	1	☼	1633A	Total/NA
Perfluorotridecanoic acid (PFTrDA)	0.50		0.19	0.096	ug/Kg	1	☼	1633A	Total/NA
Perfluorotetradecanoic acid (PFTeDA)	0.11	J	0.19	0.096	ug/Kg	1	☼	1633A	Total/NA
Aluminum	4820		20.6	5.6	mg/Kg	1	☼	6020B	Total/NA
Antimony	2.9		1.0	0.15	mg/Kg	1	☼	6020B	Total/NA
Arsenic	7.9		1.0	0.11	mg/Kg	1	☼	6020B	Total/NA
Barium	66.4		2.1	0.15	mg/Kg	1	☼	6020B	Total/NA
Beryllium	1.8		0.41	0.023	mg/Kg	1	☼	6020B	Total/NA
Cadmium	0.36	J	1.0	0.12	mg/Kg	1	☼	6020B	Total/NA
Calcium	1460		103	10.0	mg/Kg	1	☼	6020B	Total/NA
Chromium	41.2		2.1	0.31	mg/Kg	1	☼	6020B	Total/NA
Cobalt	36.5		1.0	0.15	mg/Kg	1	☼	6020B	Total/NA
Copper	423		2.1	0.38	mg/Kg	1	☼	6020B	Total/NA
Iron	26900		61.7	7.9	mg/Kg	1	☼	6020B	Total/NA
Lead	452		0.62	0.21	mg/Kg	1	☼	6020B	Total/NA
Magnesium	1110		103	10.5	mg/Kg	1	☼	6020B	Total/NA
Manganese	171		4.1	0.41	mg/Kg	1	☼	6020B	Total/NA

This Detection Summary does not include radiochemical test results.

Client Sample ID: 49C_5-10 (Continued)

Lab Sample ID: 460-336761-2

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Nickel	281		2.1	0.18	mg/Kg	1	☼	6020B	Total/NA
Potassium	689		103	16.7	mg/Kg	1	☼	6020B	Total/NA
Selenium	2.1		1.3	0.13	mg/Kg	1	☼	6020B	Total/NA
Silver	0.63		0.41	0.092	mg/Kg	1	☼	6020B	Total/NA
Sodium	170		103	47.0	mg/Kg	1	☼	6020B	Total/NA
Thallium	0.045	J	0.41	0.042	mg/Kg	1	☼	6020B	Total/NA
Vanadium	22.1		2.1	0.21	mg/Kg	1	☼	6020B	Total/NA
Zinc	1290		8.2	1.1	mg/Kg	1	☼	6020B	Total/NA
Mercury	0.016	J	0.017	0.0082	mg/Kg	1	☼	7471B	Total/NA

Client Sample ID: 49D_0-5

Lab Sample ID: 460-336761-3

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Indeno[1,2,3-cd]pyrene	0.022	J	0.036	0.014	mg/Kg	1	☼	8270E	Total/NA
Perfluoroheptanoic acid (PFHpA)	0.21		0.20	0.10	ug/Kg	1	☼	1633A	Total/NA
Perfluorooctanoic acid (PFOA)	1.18		0.20	0.060	ug/Kg	1	☼	1633A	Total/NA
Perfluorononanoic acid (PFNA)	1.42		0.20	0.10	ug/Kg	1	☼	1633A	Total/NA
Perfluorodecanoic acid (PFDA)	4.50		0.20	0.060	ug/Kg	1	☼	1633A	Total/NA
Perfluoroundecanoic acid (PFUnA)	14.8		0.20	0.10	ug/Kg	1	☼	1633A	Total/NA
Perfluorododecanoic acid (PFDoA)	2.52		0.20	0.10	ug/Kg	1	☼	1633A	Total/NA
Perfluorotridecanoic acid (PFTrDA)	8.04		0.20	0.10	ug/Kg	1	☼	1633A	Total/NA
Perfluorotetradecanoic acid (PFTeDA)	0.69		0.20	0.10	ug/Kg	1	☼	1633A	Total/NA
1H,1H,2H,2H-Perfluorooctane sulfonic acid (6:2 FTS)	1.04		0.40	0.20	ug/Kg	1	☼	1633A	Total/NA
3-Perfluoroheptylpropanoic acid (7:3 FTCA)	1.04		1.0	0.50	ug/Kg	1	☼	1633A	Total/NA
1H,1H,2H,2H-Perfluorodecane sulfonic acid (8:2 FTS) - DL	192		4.00	2.00	ug/Kg	10	☼	1633A	Total/NA
Aluminum	3790		19.6	5.4	mg/Kg	1	☼	6020B	Total/NA
Antimony	2.2		0.98	0.14	mg/Kg	1	☼	6020B	Total/NA
Arsenic	11.4		0.98	0.10	mg/Kg	1	☼	6020B	Total/NA
Barium	27.9		2.0	0.14	mg/Kg	1	☼	6020B	Total/NA
Beryllium	0.61		0.39	0.022	mg/Kg	1	☼	6020B	Total/NA
Cadmium	0.42	J	0.98	0.11	mg/Kg	1	☼	6020B	Total/NA
Calcium	8870		98.1	9.5	mg/Kg	1	☼	6020B	Total/NA
Chromium	25.6		2.0	0.29	mg/Kg	1	☼	6020B	Total/NA
Cobalt	9.0		0.98	0.15	mg/Kg	1	☼	6020B	Total/NA
Copper	110		2.0	0.36	mg/Kg	1	☼	6020B	Total/NA
Iron	16600		58.9	7.5	mg/Kg	1	☼	6020B	Total/NA
Lead	194		0.59	0.20	mg/Kg	1	☼	6020B	Total/NA
Magnesium	5640		98.1	10.0	mg/Kg	1	☼	6020B	Total/NA
Manganese	160		3.9	0.40	mg/Kg	1	☼	6020B	Total/NA
Nickel	59.9		2.0	0.17	mg/Kg	1	☼	6020B	Total/NA
Potassium	599		98.1	15.9	mg/Kg	1	☼	6020B	Total/NA
Selenium	0.51	J	1.2	0.13	mg/Kg	1	☼	6020B	Total/NA
Silver	0.40		0.39	0.087	mg/Kg	1	☼	6020B	Total/NA
Sodium	52.7	J	98.1	44.8	mg/Kg	1	☼	6020B	Total/NA
Thallium	0.054	J	0.39	0.040	mg/Kg	1	☼	6020B	Total/NA
Vanadium	24.5		2.0	0.20	mg/Kg	1	☼	6020B	Total/NA
Zinc	273		7.8	1.1	mg/Kg	1	☼	6020B	Total/NA
Mercury	0.040		0.018	0.0086	mg/Kg	1	☼	7471B	Total/NA

This Detection Summary does not include radiochemical test results.

Client Sample ID: 49D_5-10 — Lab Sample ID: 460-336761-4

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Benzo[b]fluoranthene	0.018	J	0.036	0.0093	mg/Kg	1	☼	8270E	Total/NA
Benzo[k]fluoranthene	0.0073	J	0.036	0.0071	mg/Kg	1	☼	8270E	Total/NA
Chrysene	0.023	J	0.36	0.015	mg/Kg	1	☼	8270E	Total/NA
Fluoranthene	0.021	J	0.36	0.013	mg/Kg	1	☼	8270E	Total/NA
Indeno[1,2,3-cd]pyrene	0.023	J	0.036	0.014	mg/Kg	1	☼	8270E	Total/NA
Pyrene	0.018	J	0.36	0.0090	mg/Kg	1	☼	8270E	Total/NA
Perfluorooctanoic acid (PFOA)	0.096	J	0.19	0.057	ug/Kg	1	☼	1633A	Total/NA
Perfluorononanoic acid (PFNA)	0.16	J	0.19	0.095	ug/Kg	1	☼	1633A	Total/NA
Perfluorodecanoic acid (PFDA)	0.24		0.19	0.057	ug/Kg	1	☼	1633A	Total/NA
Perfluoroundecanoic acid (PFUnA)	1.08		0.19	0.095	ug/Kg	1	☼	1633A	Total/NA
Perfluorododecanoic acid (PFDoA)	0.34		0.19	0.095	ug/Kg	1	☼	1633A	Total/NA
Perfluorotridecanoic acid (PFTrDA)	1.13		0.19	0.095	ug/Kg	1	☼	1633A	Total/NA
Perfluorotetradecanoic acid (PFTeDA)	0.16	J	0.19	0.095	ug/Kg	1	☼	1633A	Total/NA
1H,1H,2H,2H-Perfluorodecane sulfonic acid (8:2 FTS)	1.54		0.38	0.19	ug/Kg	1	☼	1633A	Total/NA
Aluminum	4800		20.4	5.6	mg/Kg	1	☼	6020B	Total/NA
Antimony	1.6		1.0	0.15	mg/Kg	1	☼	6020B	Total/NA
Arsenic	8.8		1.0	0.11	mg/Kg	1	☼	6020B	Total/NA
Barium	39.1		2.0	0.15	mg/Kg	1	☼	6020B	Total/NA
Beryllium	0.85		0.41	0.022	mg/Kg	1	☼	6020B	Total/NA
Cadmium	0.27	J	1.0	0.12	mg/Kg	1	☼	6020B	Total/NA
Calcium	776		102	9.9	mg/Kg	1	☼	6020B	Total/NA
Chromium	22.8		2.0	0.30	mg/Kg	1	☼	6020B	Total/NA
Cobalt	15.3		1.0	0.15	mg/Kg	1	☼	6020B	Total/NA
Copper	160		2.0	0.38	mg/Kg	1	☼	6020B	Total/NA
Iron	19600		61.3	7.8	mg/Kg	1	☼	6020B	Total/NA
Lead	192		0.61	0.20	mg/Kg	1	☼	6020B	Total/NA
Magnesium	1270		102	10.4	mg/Kg	1	☼	6020B	Total/NA
Manganese	187		4.1	0.41	mg/Kg	1	☼	6020B	Total/NA
Nickel	95.7		2.0	0.18	mg/Kg	1	☼	6020B	Total/NA
Potassium	751		102	16.6	mg/Kg	1	☼	6020B	Total/NA
Selenium	1.2	J	1.3	0.13	mg/Kg	1	☼	6020B	Total/NA
Silver	0.40	J	0.41	0.091	mg/Kg	1	☼	6020B	Total/NA
Sodium	94.7	J	102	46.7	mg/Kg	1	☼	6020B	Total/NA
Thallium	0.062	J	0.41	0.042	mg/Kg	1	☼	6020B	Total/NA
Vanadium	21.2		2.0	0.21	mg/Kg	1	☼	6020B	Total/NA
Zinc	397		8.2	1.1	mg/Kg	1	☼	6020B	Total/NA
Mercury	0.025		0.017	0.0082	mg/Kg	1	☼	7471B	Total/NA

Client Sample ID: 5A_0-5 — Lab Sample ID: 460-336761-5

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Di-n-butyl phthalate	0.063	J	0.36	0.013	mg/Kg	1	☼	8270E	Total/NA
Perfluorohexanoic acid (PFHxA)	0.16	J	0.20	0.099	ug/Kg	1	☼	1633A	Total/NA
Perfluoroheptanoic acid (PFHpA)	0.49		0.20	0.099	ug/Kg	1	☼	1633A	Total/NA
Perfluorooctanoic acid (PFOA)	1.83		0.20	0.059	ug/Kg	1	☼	1633A	Total/NA
Perfluorononanoic acid (PFNA)	3.12		0.20	0.099	ug/Kg	1	☼	1633A	Total/NA
Perfluorodecanoic acid (PFDA)	2.62		0.20	0.059	ug/Kg	1	☼	1633A	Total/NA
Perfluoroundecanoic acid (PFUnA)	7.81		0.20	0.099	ug/Kg	1	☼	1633A	Total/NA
Perfluorododecanoic acid (PFDoA)	0.64		0.20	0.099	ug/Kg	1	☼	1633A	Total/NA
Perfluorotridecanoic acid (PFTrDA)	6.92		0.20	0.099	ug/Kg	1	☼	1633A	Total/NA
Perfluorotetradecanoic acid (PFTeDA)	0.14	J	0.20	0.099	ug/Kg	1	☼	1633A	Total/NA

This Detection Summary does not include radiochemical test results.

Client Sample ID: 5A_0-5 (Continued)

Lab Sample ID: 460-336761-5

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Perfluorooctanesulfonic acid (PFOS)	0.18	J	0.20	0.099	ug/Kg	1	☼	1633A	Total/NA
1H,1H,2H,2H-Perfluorodecane sulfonic acid (8:2 FTS)	0.31	J	0.39	0.20	ug/Kg	1	☼	1633A	Total/NA
Aluminum	9040		20.1	5.5	mg/Kg	1	☼	6020B	Total/NA
Antimony	0.93	J	1.0	0.15	mg/Kg	1	☼	6020B	Total/NA
Arsenic	6.4		1.0	0.10	mg/Kg	1	☼	6020B	Total/NA
Barium	81.4		2.0	0.15	mg/Kg	1	☼	6020B	Total/NA
Beryllium	2.4		0.40	0.022	mg/Kg	1	☼	6020B	Total/NA
Cadmium	0.42	J	1.0	0.11	mg/Kg	1	☼	6020B	Total/NA
Calcium	1600		100	9.8	mg/Kg	1	☼	6020B	Total/NA
Chromium	42.2		2.0	0.30	mg/Kg	1	☼	6020B	Total/NA
Cobalt	10		1.0	0.15	mg/Kg	1	☼	6020B	Total/NA
Copper	85.2		2.0	0.37	mg/Kg	1	☼	6020B	Total/NA
Iron	22500		60.2	7.7	mg/Kg	1	☼	6020B	Total/NA
Lead	426		0.60	0.20	mg/Kg	1	☼	6020B	Total/NA
Magnesium	2770		100	10.2	mg/Kg	1	☼	6020B	Total/NA
Manganese	223		4.0	0.40	mg/Kg	1	☼	6020B	Total/NA
Nickel	43.6		2.0	0.18	mg/Kg	1	☼	6020B	Total/NA
Potassium	1130		100	16.3	mg/Kg	1	☼	6020B	Total/NA
Selenium	0.40	J	1.3	0.13	mg/Kg	1	☼	6020B	Total/NA
Silver	0.25	J	0.40	0.089	mg/Kg	1	☼	6020B	Total/NA
Sodium	150		100	45.9	mg/Kg	1	☼	6020B	Total/NA
Thallium	0.12	J	0.40	0.041	mg/Kg	1	☼	6020B	Total/NA
Vanadium	25.3		2.0	0.21	mg/Kg	1	☼	6020B	Total/NA
Zinc	412		8.0	1.1	mg/Kg	1	☼	6020B	Total/NA
Mercury	0.031		0.018	0.0084	mg/Kg	1	☼	7471B	Total/NA

Client Sample ID: 5A_5-10

Lab Sample ID: 460-336761-6

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Di-n-butyl phthalate	0.13	J	0.37	0.014	mg/Kg	1	☼	8270E	Total/NA
Indeno[1,2,3-cd]pyrene	0.026	J	0.037	0.014	mg/Kg	1	☼	8270E	Total/NA
Pyrene	0.0095	J	0.37	0.0092	mg/Kg	1	☼	8270E	Total/NA
Perfluorooctanoic acid (PFOA)	0.15	J	0.19	0.057	ug/Kg	1	☼	1633A	Total/NA
Perfluorononanoic acid (PFNA)	0.32		0.19	0.096	ug/Kg	1	☼	1633A	Total/NA
Perfluorodecanoic acid (PFDA)	0.34		0.19	0.057	ug/Kg	1	☼	1633A	Total/NA
Perfluoroundecanoic acid (PFUnA)	3.38		0.19	0.096	ug/Kg	1	☼	1633A	Total/NA
Perfluorododecanoic acid (PFDoA)	0.71		0.19	0.096	ug/Kg	1	☼	1633A	Total/NA
Perfluorotridecanoic acid (PFTrDA)	10.0		0.19	0.096	ug/Kg	1	☼	1633A	Total/NA
Perfluorotetradecanoic acid (PFTeDA)	0.23		0.19	0.096	ug/Kg	1	☼	1633A	Total/NA
1H,1H,2H,2H-Perfluorodecane sulfonic acid (8:2 FTS)	0.49		0.38	0.19	ug/Kg	1	☼	1633A	Total/NA
Aluminum	10500		20.5	5.6	mg/Kg	1	☼	6020B	Total/NA
Antimony	0.99	J	1.0	0.15	mg/Kg	1	☼	6020B	Total/NA
Arsenic	6.9		1.0	0.11	mg/Kg	1	☼	6020B	Total/NA
Barium	104		2.0	0.15	mg/Kg	1	☼	6020B	Total/NA
Beryllium	3.9		0.41	0.023	mg/Kg	1	☼	6020B	Total/NA
Cadmium	0.49	J	1.0	0.12	mg/Kg	1	☼	6020B	Total/NA
Calcium	2150		102	10	mg/Kg	1	☼	6020B	Total/NA
Chromium	62.6		2.0	0.30	mg/Kg	1	☼	6020B	Total/NA
Cobalt	14.2		1.0	0.15	mg/Kg	1	☼	6020B	Total/NA
Copper	139		2.0	0.38	mg/Kg	1	☼	6020B	Total/NA

This Detection Summary does not include radiochemical test results.

Client Sample ID: 5A_5-10 (Continued)

Lab Sample ID: 460-336761-6

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Iron	26400		61.4	7.8	mg/Kg	1	☼	6020B	Total/NA
Lead	463		0.61	0.20	mg/Kg	1	☼	6020B	Total/NA
Magnesium	2920		102	10.4	mg/Kg	1	☼	6020B	Total/NA
Manganese	297		4.1	0.41	mg/Kg	1	☼	6020B	Total/NA
Nickel	63.6		2.0	0.18	mg/Kg	1	☼	6020B	Total/NA
Potassium	1260		102	16.6	mg/Kg	1	☼	6020B	Total/NA
Selenium	0.41	J	1.3	0.13	mg/Kg	1	☼	6020B	Total/NA
Silver	0.29	J	0.41	0.091	mg/Kg	1	☼	6020B	Total/NA
Sodium	199		102	46.8	mg/Kg	1	☼	6020B	Total/NA
Thallium	0.13	J	0.41	0.042	mg/Kg	1	☼	6020B	Total/NA
Vanadium	28.6		2.0	0.21	mg/Kg	1	☼	6020B	Total/NA
Zinc	576		8.2	1.1	mg/Kg	1	☼	6020B	Total/NA
Mercury	0.036		0.019	0.0089	mg/Kg	1	☼	7471B	Total/NA

Client Sample ID: 5B_0-5

Lab Sample ID: 460-336761-7

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Di-n-butyl phthalate	0.050	J	0.36	0.014	mg/Kg	1	☼	8270E	Total/NA
Perfluoropentanoic acid (PFPeA)	0.10	J	0.19	0.097	ug/Kg	1	☼	1633A	Total/NA
Perfluorohexanoic acid (PFHxA)	0.12	J	0.19	0.097	ug/Kg	1	☼	1633A	Total/NA
Perfluoroheptanoic acid (PFHpA)	0.23		0.19	0.097	ug/Kg	1	☼	1633A	Total/NA
Perfluorooctanoic acid (PFOA)	0.50		0.19	0.058	ug/Kg	1	☼	1633A	Total/NA
Perfluorononanoic acid (PFNA)	1.36		0.19	0.097	ug/Kg	1	☼	1633A	Total/NA
Perfluorodecanoic acid (PFDA)	1.71		0.19	0.058	ug/Kg	1	☼	1633A	Total/NA
Perfluoroundecanoic acid (PFUnA)	7.86		0.19	0.097	ug/Kg	1	☼	1633A	Total/NA
Perfluorododecanoic acid (PFDoA)	0.90		0.19	0.097	ug/Kg	1	☼	1633A	Total/NA
Perfluorotridecanoic acid (PFTrDA)	6.19		0.19	0.097	ug/Kg	1	☼	1633A	Total/NA
Perfluorotetradecanoic acid (PFTeDA)	0.21		0.19	0.097	ug/Kg	1	☼	1633A	Total/NA
1H,1H,2H,2H-Perfluorooctane sulfonic acid (6:2 FTS)	0.33	J	0.39	0.19	ug/Kg	1	☼	1633A	Total/NA
1H,1H,2H,2H-Perfluorodecane sulfonic acid (8:2 FTS)	1.26		0.39	0.19	ug/Kg	1	☼	1633A	Total/NA
Aluminum	8930		20.3	5.6	mg/Kg	1	☼	6020B	Total/NA
Antimony	0.83	J	1.0	0.15	mg/Kg	1	☼	6020B	Total/NA
Arsenic	5.9		1.0	0.10	mg/Kg	1	☼	6020B	Total/NA
Barium	58.6		2.0	0.15	mg/Kg	1	☼	6020B	Total/NA
Beryllium	1.2		0.41	0.022	mg/Kg	1	☼	6020B	Total/NA
Cadmium	0.25	J	1.0	0.11	mg/Kg	1	☼	6020B	Total/NA
Calcium	1410		102	9.9	mg/Kg	1	☼	6020B	Total/NA
Chromium	31.9		2.0	0.30	mg/Kg	1	☼	6020B	Total/NA
Cobalt	11.5		1.0	0.15	mg/Kg	1	☼	6020B	Total/NA
Copper	94.8		2.0	0.37	mg/Kg	1	☼	6020B	Total/NA
Iron	23000		61.0	7.8	mg/Kg	1	☼	6020B	Total/NA
Lead	149		0.61	0.20	mg/Kg	1	☼	6020B	Total/NA
Magnesium	3030		102	10.4	mg/Kg	1	☼	6020B	Total/NA
Manganese	243		4.1	0.41	mg/Kg	1	☼	6020B	Total/NA
Nickel	51.0		2.0	0.18	mg/Kg	1	☼	6020B	Total/NA
Potassium	1170		102	16.5	mg/Kg	1	☼	6020B	Total/NA
Selenium	0.66	J	1.3	0.13	mg/Kg	1	☼	6020B	Total/NA
Silver	0.20	J	0.41	0.091	mg/Kg	1	☼	6020B	Total/NA
Sodium	94.9	J	102	46.5	mg/Kg	1	☼	6020B	Total/NA
Thallium	0.12	J	0.41	0.042	mg/Kg	1	☼	6020B	Total/NA

This Detection Summary does not include radiochemical test results.

Client Sample ID: 5B_0-5 (Continued)

Lab Sample ID: 460-336761-7

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Vanadium	26.9		2.0	0.21	mg/Kg	1	☼	6020B	Total/NA
Zinc	278		8.1	1.1	mg/Kg	1	☼	6020B	Total/NA
Mercury	0.052		0.018	0.0085	mg/Kg	1	☼	7471B	Total/NA

Client Sample ID: 5B_5-10

Lab Sample ID: 460-336761-8

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Benzo[a]pyrene	0.011	J	0.036	0.0095	mg/Kg	1	☼	8270E	Total/NA
Benzo[b]fluoranthene	0.013	J	0.036	0.0092	mg/Kg	1	☼	8270E	Total/NA
Benzo[g,h,i]perylene	0.018	J	0.36	0.011	mg/Kg	1	☼	8270E	Total/NA
Di-n-butyl phthalate	0.53		0.36	0.013	mg/Kg	1	☼	8270E	Total/NA
Fluoranthene	0.013	J	0.36	0.012	mg/Kg	1	☼	8270E	Total/NA
Indeno[1,2,3-cd]pyrene	0.014	J	0.036	0.014	mg/Kg	1	☼	8270E	Total/NA
Pyrene	0.012	J	0.36	0.0089	mg/Kg	1	☼	8270E	Total/NA
Perfluoroheptanoic acid (PFHpA)	0.11	J	0.19	0.096	ug/Kg	1	☼	1633A	Total/NA
Perfluorooctanoic acid (PFOA)	0.22		0.19	0.057	ug/Kg	1	☼	1633A	Total/NA
Perfluorononanoic acid (PFNA)	0.38		0.19	0.096	ug/Kg	1	☼	1633A	Total/NA
Perfluorodecanoic acid (PFDA)	0.81		0.19	0.057	ug/Kg	1	☼	1633A	Total/NA
Perfluoroundecanoic acid (PFUnA)	5.41		0.19	0.096	ug/Kg	1	☼	1633A	Total/NA
Perfluorododecanoic acid (PFDoA)	1.22		0.19	0.096	ug/Kg	1	☼	1633A	Total/NA
Perfluorotridecanoic acid (PFTrDA)	7.74		0.19	0.096	ug/Kg	1	☼	1633A	Total/NA
Perfluorotetradecanoic acid (PFTeDA)	0.42		0.19	0.096	ug/Kg	1	☼	1633A	Total/NA
1H,1H,2H,2H-Perfluorooctane sulfonic acid (6:2 FTS)	0.37	J	0.38	0.19	ug/Kg	1	☼	1633A	Total/NA
1H,1H,2H,2H-Perfluorodecane sulfonic acid (8:2 FTS)	1.72		0.38	0.19	ug/Kg	1	☼	1633A	Total/NA
3-Perfluoroheptylpropanoic acid (7:3 FTCA)	0.52	J	0.96	0.48	ug/Kg	1	☼	1633A	Total/NA
Aluminum	10700		19.7	5.4	mg/Kg	1	☼	6020B	Total/NA
Antimony	1.1		0.99	0.14	mg/Kg	1	☼	6020B	Total/NA
Arsenic	6.7		0.99	0.10	mg/Kg	1	☼	6020B	Total/NA
Barium	115		2.0	0.14	mg/Kg	1	☼	6020B	Total/NA
Beryllium	5.1		0.39	0.022	mg/Kg	1	☼	6020B	Total/NA
Cadmium	0.43	J	0.99	0.11	mg/Kg	1	☼	6020B	Total/NA
Calcium	1890		98.6	9.6	mg/Kg	1	☼	6020B	Total/NA
Chromium	49.7		2.0	0.29	mg/Kg	1	☼	6020B	Total/NA
Cobalt	14.0		0.99	0.15	mg/Kg	1	☼	6020B	Total/NA
Copper	134		2.0	0.36	mg/Kg	1	☼	6020B	Total/NA
Iron	25300		59.1	7.5	mg/Kg	1	☼	6020B	Total/NA
Lead	555		0.59	0.20	mg/Kg	1	☼	6020B	Total/NA
Magnesium	2190		98.6	10.1	mg/Kg	1	☼	6020B	Total/NA
Manganese	231		3.9	0.40	mg/Kg	1	☼	6020B	Total/NA
Nickel	56.9		2.0	0.17	mg/Kg	1	☼	6020B	Total/NA
Potassium	1210		98.6	16.0	mg/Kg	1	☼	6020B	Total/NA
Selenium	0.50	J	1.2	0.13	mg/Kg	1	☼	6020B	Total/NA
Silver	0.31	J	0.39	0.088	mg/Kg	1	☼	6020B	Total/NA
Sodium	193		98.6	45.0	mg/Kg	1	☼	6020B	Total/NA
Thallium	0.12	J	0.39	0.040	mg/Kg	1	☼	6020B	Total/NA
Vanadium	28.4		2.0	0.20	mg/Kg	1	☼	6020B	Total/NA
Zinc	548		7.9	1.1	mg/Kg	1	☼	6020B	Total/NA
Mercury	0.040		0.018	0.0084	mg/Kg	1	☼	7471B	Total/NA

This Detection Summary does not include radiochemical test results.

Client Sample ID: 5C_0-5 — Lab Sample ID: 460-336761-9

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Benzo[a]anthracene	0.037		0.037	0.028	mg/Kg	1	☼	8270E	Total/NA
Benzo[a]pyrene	0.041		0.037	0.010	mg/Kg	1	☼	8270E	Total/NA
Benzo[b]fluoranthene	0.055		0.037	0.0097	mg/Kg	1	☼	8270E	Total/NA
Benzo[g,h,i]perylene	0.033	J	0.37	0.011	mg/Kg	1	☼	8270E	Total/NA
Benzo[k]fluoranthene	0.024	J	0.037	0.0073	mg/Kg	1	☼	8270E	Total/NA
Chrysene	0.034	J	0.37	0.016	mg/Kg	1	☼	8270E	Total/NA
Fluoranthene	0.035	J	0.37	0.013	mg/Kg	1	☼	8270E	Total/NA
Indeno[1,2,3-cd]pyrene	0.037		0.037	0.015	mg/Kg	1	☼	8270E	Total/NA
Pyrene	0.033	J	0.37	0.0093	mg/Kg	1	☼	8270E	Total/NA
Perfluoropentanoic acid (PFPeA)	0.11	J	0.20	0.10	ug/Kg	1	☼	1633A	Total/NA
Perfluoroheptanoic acid (PFHpA)	0.31		0.20	0.10	ug/Kg	1	☼	1633A	Total/NA
Perfluorooctanoic acid (PFOA)	0.46		0.20	0.060	ug/Kg	1	☼	1633A	Total/NA
Perfluorononanoic acid (PFNA)	1.90		0.20	0.10	ug/Kg	1	☼	1633A	Total/NA
Perfluorodecanoic acid (PFDA)	1.25		0.20	0.060	ug/Kg	1	☼	1633A	Total/NA
Perfluoroundecanoic acid (PFUnA)	2.57		0.20	0.10	ug/Kg	1	☼	1633A	Total/NA
Perfluorododecanoic acid (PFDoA)	0.70		0.20	0.10	ug/Kg	1	☼	1633A	Total/NA
Perfluorotridecanoic acid (PFTrDA)	1.97		0.20	0.10	ug/Kg	1	☼	1633A	Total/NA
Perfluorotetradecanoic acid (PFTeDA)	0.19	J	0.20	0.10	ug/Kg	1	☼	1633A	Total/NA
1H,1H,2H,2H-Perfluorooctane sulfonic acid (6:2 FTS)	0.25	J	0.40	0.20	ug/Kg	1	☼	1633A	Total/NA
1H,1H,2H,2H-Perfluorodecane sulfonic acid (8:2 FTS)	1.44		0.40	0.20	ug/Kg	1	☼	1633A	Total/NA
3-Perfluoroheptylpropanoic acid (7:3 FTCA)	0.89	J	1.0	0.50	ug/Kg	1	☼	1633A	Total/NA
Aluminum	6800		20.6	5.6	mg/Kg	1	☼	6020B	Total/NA
Antimony	0.62	J	1.0	0.15	mg/Kg	1	☼	6020B	Total/NA
Arsenic	5.7		1.0	0.11	mg/Kg	1	☼	6020B	Total/NA
Barium	65.2		2.1	0.15	mg/Kg	1	☼	6020B	Total/NA
Beryllium	0.84		0.41	0.023	mg/Kg	1	☼	6020B	Total/NA
Cadmium	0.23	J	1.0	0.12	mg/Kg	1	☼	6020B	Total/NA
Calcium	1610		103	10.0	mg/Kg	1	☼	6020B	Total/NA
Chromium	33.7		2.1	0.31	mg/Kg	1	☼	6020B	Total/NA
Cobalt	12.3		1.0	0.15	mg/Kg	1	☼	6020B	Total/NA
Copper	82.9		2.1	0.38	mg/Kg	1	☼	6020B	Total/NA
Iron	21300		61.7	7.9	mg/Kg	1	☼	6020B	Total/NA
Lead	89.2		0.62	0.21	mg/Kg	1	☼	6020B	Total/NA
Magnesium	2570		103	10.5	mg/Kg	1	☼	6020B	Total/NA
Manganese	246		4.1	0.41	mg/Kg	1	☼	6020B	Total/NA
Nickel	50.0		2.1	0.18	mg/Kg	1	☼	6020B	Total/NA
Potassium	1040		103	16.7	mg/Kg	1	☼	6020B	Total/NA
Selenium	0.43	J	1.3	0.13	mg/Kg	1	☼	6020B	Total/NA
Silver	0.16	J	0.41	0.092	mg/Kg	1	☼	6020B	Total/NA
Sodium	102	J	103	47.0	mg/Kg	1	☼	6020B	Total/NA
Thallium	0.11	J	0.41	0.042	mg/Kg	1	☼	6020B	Total/NA
Vanadium	22.5		2.1	0.21	mg/Kg	1	☼	6020B	Total/NA
Zinc	204		8.2	1.1	mg/Kg	1	☼	6020B	Total/NA
Mercury	0.042		0.019	0.0090	mg/Kg	1	☼	7471B	Total/NA

Client Sample ID: 5C_5-10 — Lab Sample ID: 460-336761-10

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Acenaphthylene	0.015	J	0.37	0.011	mg/Kg	1	☼	8270E	Total/NA

This Detection Summary does not include radiochemical test results.

Client Sample ID: 5C_5-10 (Continued) — Lab Sample ID: 460-336761-10

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Anthracene	0.045	J	0.37	0.011	mg/Kg	1	☼	8270E	Total/NA
Benzo[a]anthracene	0.031	J	0.037	0.028	mg/Kg	1	☼	8270E	Total/NA
Benzo[a]pyrene	0.031	J	0.037	0.0098	mg/Kg	1	☼	8270E	Total/NA
Benzo[b]fluoranthene	0.040		0.037	0.0095	mg/Kg	1	☼	8270E	Total/NA
Benzo[g,h,i]perylene	0.031	J	0.37	0.011	mg/Kg	1	☼	8270E	Total/NA
Benzo[k]fluoranthene	0.015	J	0.037	0.0072	mg/Kg	1	☼	8270E	Total/NA
Chrysene	0.028	J	0.37	0.015	mg/Kg	1	☼	8270E	Total/NA
Di-n-butyl phthalate	0.031	J	0.37	0.014	mg/Kg	1	☼	8270E	Total/NA
Fluoranthene	0.043	J	0.37	0.013	mg/Kg	1	☼	8270E	Total/NA
Indeno[1,2,3-cd]pyrene	0.028	J	0.037	0.014	mg/Kg	1	☼	8270E	Total/NA
Naphthalene	0.0083	J	0.37	0.0064	mg/Kg	1	☼	8270E	Total/NA
Phenanthrene	0.044	J	0.37	0.015	mg/Kg	1	☼	8270E	Total/NA
Pyrene	0.046	J	0.37	0.0092	mg/Kg	1	☼	8270E	Total/NA
Perfluorooctanoic acid (PFOA)	0.080	J	0.20	0.060	ug/Kg	1	☼	1633A	Total/NA
Perfluorononanoic acid (PFNA)	0.33		0.20	0.10	ug/Kg	1	☼	1633A	Total/NA
Perfluorodecanoic acid (PFDA)	0.22		0.20	0.060	ug/Kg	1	☼	1633A	Total/NA
Perfluoroundecanoic acid (PFUnA)	1.70		0.20	0.10	ug/Kg	1	☼	1633A	Total/NA
Perfluorododecanoic acid (PFDoA)	0.34		0.20	0.10	ug/Kg	1	☼	1633A	Total/NA
Perfluorotridecanoic acid (PFTrDA)	1.28		0.20	0.10	ug/Kg	1	☼	1633A	Total/NA
1H,1H,2H,2H-Perfluorodecane sulfonic acid (8:2 FTS)	0.42		0.40	0.20	ug/Kg	1	☼	1633A	Total/NA
Aluminum	5740		21.1	5.8	mg/Kg	1	☼	6020B	Total/NA
Antimony	0.87	J	1.1	0.15	mg/Kg	1	☼	6020B	Total/NA
Arsenic	6.3		1.1	0.11	mg/Kg	1	☼	6020B	Total/NA
Barium	48.4		2.1	0.15	mg/Kg	1	☼	6020B	Total/NA
Beryllium	0.66		0.42	0.023	mg/Kg	1	☼	6020B	Total/NA
Cadmium	0.29	J	1.1	0.12	mg/Kg	1	☼	6020B	Total/NA
Calcium	1220		106	10.3	mg/Kg	1	☼	6020B	Total/NA
Chromium	23.1		2.1	0.31	mg/Kg	1	☼	6020B	Total/NA
Cobalt	6.5		1.1	0.16	mg/Kg	1	☼	6020B	Total/NA
Copper	45.3		2.1	0.39	mg/Kg	1	☼	6020B	Total/NA
Iron	17200		63.3	8.1	mg/Kg	1	☼	6020B	Total/NA
Lead	139		0.63	0.21	mg/Kg	1	☼	6020B	Total/NA
Magnesium	1590		106	10.8	mg/Kg	1	☼	6020B	Total/NA
Manganese	176		4.2	0.43	mg/Kg	1	☼	6020B	Total/NA
Nickel	19.6		2.1	0.19	mg/Kg	1	☼	6020B	Total/NA
Potassium	825		106	17.1	mg/Kg	1	☼	6020B	Total/NA
Selenium	0.22	J	1.3	0.14	mg/Kg	1	☼	6020B	Total/NA
Silver	0.21	J	0.42	0.094	mg/Kg	1	☼	6020B	Total/NA
Sodium	82.9	J	106	48.2	mg/Kg	1	☼	6020B	Total/NA
Thallium	0.075	J	0.42	0.043	mg/Kg	1	☼	6020B	Total/NA
Vanadium	21.1		2.1	0.22	mg/Kg	1	☼	6020B	Total/NA
Zinc	139		8.4	1.2	mg/Kg	1	☼	6020B	Total/NA
Mercury	0.048		0.018	0.0087	mg/Kg	1	☼	7471B	Total/NA

Client Sample ID: 5D_0-5 — Lab Sample ID: 460-336761-11

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Di-n-butyl phthalate	0.022	J	0.36	0.014	mg/Kg	1	☼	8270E	Total/NA
Perfluorooctanoic acid (PFOA)	0.25		0.20	0.060	ug/Kg	1	☼	1633A	Total/NA
Perfluorononanoic acid (PFNA)	1.79		0.20	0.10	ug/Kg	1	☼	1633A	Total/NA
Perfluorodecanoic acid (PFDA)	0.42		0.20	0.060	ug/Kg	1	☼	1633A	Total/NA

This Detection Summary does not include radiochemical test results.

Client Sample ID: 5D_0-5 (Continued) — Lab Sample ID: 460-336761-11

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Perfluoroundecanoic acid (PFUnA)	2.20		0.20	0.10	ug/Kg	1	☼	1633A	Total/NA
Perfluorododecanoic acid (PFDoA)	0.24		0.20	0.10	ug/Kg	1	☼	1633A	Total/NA
Perfluorotridecanoic acid (PFTrDA)	1.05		0.20	0.10	ug/Kg	1	☼	1633A	Total/NA
1H,1H,2H,2H-Perfluorodecane sulfonic acid (8:2 FTS)	0.25	J	0.40	0.20	ug/Kg	1	☼	1633A	Total/NA
Aluminum	10200		16.0	4.4	mg/Kg	1	☼	6020B	Total/NA
Antimony	2.2		0.80	0.12	mg/Kg	1	☼	6020B	Total/NA
Arsenic	7.5		0.80	0.083	mg/Kg	1	☼	6020B	Total/NA
Barium	78.4		1.6	0.12	mg/Kg	1	☼	6020B	Total/NA
Beryllium	2.4		0.32	0.018	mg/Kg	1	☼	6020B	Total/NA
Cadmium	0.27	J	0.80	0.091	mg/Kg	1	☼	6020B	Total/NA
Calcium	2390		80.2	7.8	mg/Kg	1	☼	6020B	Total/NA
Chromium	38.4		1.6	0.24	mg/Kg	1	☼	6020B	Total/NA
Cobalt	9.4		0.80	0.12	mg/Kg	1	☼	6020B	Total/NA
Copper	65.0		1.6	0.30	mg/Kg	1	☼	6020B	Total/NA
Iron	25900		48.1	6.1	mg/Kg	1	☼	6020B	Total/NA
Lead	343		0.48	0.16	mg/Kg	1	☼	6020B	Total/NA
Magnesium	2870		80.2	8.2	mg/Kg	1	☼	6020B	Total/NA
Manganese	289		3.2	0.32	mg/Kg	1	☼	6020B	Total/NA
Nickel	29.2		1.6	0.14	mg/Kg	1	☼	6020B	Total/NA
Potassium	1660		80.2	13.0	mg/Kg	1	☼	6020B	Total/NA
Selenium	0.49	J	1.0	0.10	mg/Kg	1	☼	6020B	Total/NA
Silver	0.23	J	0.32	0.071	mg/Kg	1	☼	6020B	Total/NA
Sodium	175		80.2	36.6	mg/Kg	1	☼	6020B	Total/NA
Thallium	0.12	J	0.32	0.033	mg/Kg	1	☼	6020B	Total/NA
Vanadium	31.4		1.6	0.17	mg/Kg	1	☼	6020B	Total/NA
Zinc	264		6.4	0.87	mg/Kg	1	☼	6020B	Total/NA
Mercury	0.026		0.018	0.0084	mg/Kg	1	☼	7471B	Total/NA

Client Sample ID: 5D_5-10 — Lab Sample ID: 460-336761-12

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
2-Methylnaphthalene	0.013	J	0.36	0.010	mg/Kg	1	☼	8270E	Total/NA
Benzo[a]pyrene	0.015	J	0.036	0.0097	mg/Kg	1	☼	8270E	Total/NA
Benzo[b]fluoranthene	0.021	J	0.036	0.0094	mg/Kg	1	☼	8270E	Total/NA
Benzo[g,h,i]perylene	0.012	J	0.36	0.011	mg/Kg	1	☼	8270E	Total/NA
Benzo[k]fluoranthene	0.0071	J	0.036	0.0071	mg/Kg	1	☼	8270E	Total/NA
Chrysene	0.016	J	0.36	0.015	mg/Kg	1	☼	8270E	Total/NA
Di-n-butyl phthalate	0.26	J	0.36	0.014	mg/Kg	1	☼	8270E	Total/NA
Fluoranthene	0.021	J	0.36	0.013	mg/Kg	1	☼	8270E	Total/NA
Indeno[1,2,3-cd]pyrene	0.014	J	0.036	0.014	mg/Kg	1	☼	8270E	Total/NA
Naphthalene	0.015	J	0.36	0.0063	mg/Kg	1	☼	8270E	Total/NA
Pyrene	0.021	J	0.36	0.0091	mg/Kg	1	☼	8270E	Total/NA
Perfluorooctanoic acid (PFOA)	0.17	J	0.20	0.060	ug/Kg	1	☼	1633A	Total/NA
Perfluorononanoic acid (PFNA)	0.64		0.20	0.10	ug/Kg	1	☼	1633A	Total/NA
Perfluorodecanoic acid (PFDA)	0.22		0.20	0.060	ug/Kg	1	☼	1633A	Total/NA
Perfluoroundecanoic acid (PFUnA)	2.52		0.20	0.10	ug/Kg	1	☼	1633A	Total/NA
Perfluorododecanoic acid (PFDoA)	0.19	J	0.20	0.10	ug/Kg	1	☼	1633A	Total/NA
Perfluorotridecanoic acid (PFTrDA)	1.08		0.20	0.10	ug/Kg	1	☼	1633A	Total/NA
Perfluorooctanesulfonic acid (PFOS)	0.12	J	0.20	0.10	ug/Kg	1	☼	1633A	Total/NA
1H,1H,2H,2H-Perfluorodecane sulfonic acid (8:2 FTS)	0.67		0.40	0.20	ug/Kg	1	☼	1633A	Total/NA

This Detection Summary does not include radiochemical test results.

Client Sample ID: 5D_5-10 (Continued)

Lab Sample ID: 460-336761-12

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Aluminum	11600		17.1	4.7	mg/Kg	1	☼	6020B	Total/NA
Antimony	3.0		0.86	0.13	mg/Kg	1	☼	6020B	Total/NA
Arsenic	7.4		0.86	0.088	mg/Kg	1	☼	6020B	Total/NA
Barium	118		1.7	0.12	mg/Kg	1	☼	6020B	Total/NA
Beryllium	5.8		0.34	0.019	mg/Kg	1	☼	6020B	Total/NA
Cadmium	0.42	J	0.86	0.097	mg/Kg	1	☼	6020B	Total/NA
Calcium	3160		85.7	8.3	mg/Kg	1	☼	6020B	Total/NA
Chromium	87.9		1.7	0.25	mg/Kg	1	☼	6020B	Total/NA
Cobalt	22.0		0.86	0.13	mg/Kg	1	☼	6020B	Total/NA
Copper	223		1.7	0.32	mg/Kg	1	☼	6020B	Total/NA
Iron	31200		51.4	6.6	mg/Kg	1	☼	6020B	Total/NA
Lead	715		0.51	0.17	mg/Kg	1	☼	6020B	Total/NA
Magnesium	2540		85.7	8.7	mg/Kg	1	☼	6020B	Total/NA
Manganese	259		3.4	0.35	mg/Kg	1	☼	6020B	Total/NA
Nickel	104		1.7	0.15	mg/Kg	1	☼	6020B	Total/NA
Potassium	1680		85.7	13.9	mg/Kg	1	☼	6020B	Total/NA
Selenium	0.72	J	1.1	0.11	mg/Kg	1	☼	6020B	Total/NA
Silver	0.35		0.34	0.076	mg/Kg	1	☼	6020B	Total/NA
Sodium	307		85.7	39.1	mg/Kg	1	☼	6020B	Total/NA
Thallium	0.13	J	0.34	0.035	mg/Kg	1	☼	6020B	Total/NA
Vanadium	32.0		1.7	0.18	mg/Kg	1	☼	6020B	Total/NA
Zinc	1010		6.9	0.93	mg/Kg	1	☼	6020B	Total/NA
Mercury	0.030		0.018	0.0086	mg/Kg	1	☼	7471B	Total/NA

Client Sample ID: 5E_0-5

Lab Sample ID: 460-336761-13

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Benzo[a]pyrene	0.024	J	0.036	0.0096	mg/Kg	1	☼	8270E	Total/NA
Benzo[b]fluoranthene	0.032	J	0.036	0.0093	mg/Kg	1	☼	8270E	Total/NA
Benzo[g,h,i]perylene	0.021	J	0.36	0.011	mg/Kg	1	☼	8270E	Total/NA
Benzo[k]fluoranthene	0.010	J	0.036	0.0071	mg/Kg	1	☼	8270E	Total/NA
Chrysene	0.024	J	0.36	0.015	mg/Kg	1	☼	8270E	Total/NA
Di-n-butyl phthalate	0.017	J	0.36	0.014	mg/Kg	1	☼	8270E	Total/NA
Fluoranthene	0.031	J	0.36	0.013	mg/Kg	1	☼	8270E	Total/NA
Indeno[1,2,3-cd]pyrene	0.022	J	0.036	0.014	mg/Kg	1	☼	8270E	Total/NA
Naphthalene	0.013	J	0.36	0.0062	mg/Kg	1	☼	8270E	Total/NA
Phenanthrene	0.020	J	0.36	0.015	mg/Kg	1	☼	8270E	Total/NA
Pyrene	0.027	J	0.36	0.0090	mg/Kg	1	☼	8270E	Total/NA
Perfluoroheptanoic acid (PFHpA)	0.10	J	0.20	0.099	ug/Kg	1	☼	1633A	Total/NA
Perfluorooctanoic acid (PFOA)	0.15	J	0.20	0.059	ug/Kg	1	☼	1633A	Total/NA
Perfluorononanoic acid (PFNA)	0.66		0.20	0.099	ug/Kg	1	☼	1633A	Total/NA
Perfluorodecanoic acid (PFDA)	0.34		0.20	0.059	ug/Kg	1	☼	1633A	Total/NA
Perfluoroundecanoic acid (PFUnA)	3.49		0.20	0.099	ug/Kg	1	☼	1633A	Total/NA
Perfluorododecanoic acid (PFDoA)	0.23		0.20	0.099	ug/Kg	1	☼	1633A	Total/NA
Perfluorotridecanoic acid (PFTrDA)	2.27		0.20	0.099	ug/Kg	1	☼	1633A	Total/NA
1H,1H,2H,2H-Perfluorodecane sulfonic acid (8:2 FTS)	0.55		0.40	0.20	ug/Kg	1	☼	1633A	Total/NA
Aluminum	10100		17.4	4.8	mg/Kg	1	☼	6020B	Total/NA
Antimony	2.5		0.87	0.13	mg/Kg	1	☼	6020B	Total/NA
Arsenic	7.2		0.87	0.089	mg/Kg	1	☼	6020B	Total/NA
Barium	89.1		1.7	0.13	mg/Kg	1	☼	6020B	Total/NA
Beryllium	3.7		0.35	0.019	mg/Kg	1	☼	6020B	Total/NA

This Detection Summary does not include radiochemical test results.

Client Sample ID: 5E_0-5 (Continued) — Lab Sample ID: 460-336761-13

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Cadmium	0.40	J	0.87	0.098	mg/Kg	1	☼	6020B	Total/NA
Calcium	2200		86.8	8.4	mg/Kg	1	☼	6020B	Total/NA
Chromium	61.3		1.7	0.26	mg/Kg	1	☼	6020B	Total/NA
Cobalt	13.8		0.87	0.13	mg/Kg	1	☼	6020B	Total/NA
Copper	129		1.7	0.32	mg/Kg	1	☼	6020B	Total/NA
Iron	28300		52.1	6.6	mg/Kg	1	☼	6020B	Total/NA
Lead	496		0.52	0.17	mg/Kg	1	☼	6020B	Total/NA
Magnesium	2550		86.8	8.9	mg/Kg	1	☼	6020B	Total/NA
Manganese	235		3.5	0.35	mg/Kg	1	☼	6020B	Total/NA
Nickel	57.2		1.7	0.15	mg/Kg	1	☼	6020B	Total/NA
Potassium	1460		86.8	14.1	mg/Kg	1	☼	6020B	Total/NA
Selenium	0.51	J	1.1	0.11	mg/Kg	1	☼	6020B	Total/NA
Silver	0.28	J	0.35	0.077	mg/Kg	1	☼	6020B	Total/NA
Sodium	203		86.8	39.7	mg/Kg	1	☼	6020B	Total/NA
Thallium	0.10	J	0.35	0.036	mg/Kg	1	☼	6020B	Total/NA
Vanadium	30.1		1.7	0.18	mg/Kg	1	☼	6020B	Total/NA
Zinc	621		6.9	0.95	mg/Kg	1	☼	6020B	Total/NA
Mercury	0.050		0.018	0.0086	mg/Kg	1	☼	7471B	Total/NA

Client Sample ID: 5E_5-10 — Lab Sample ID: 460-336761-14

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Benzo[a]pyrene	0.030	J	0.037	0.0099	mg/Kg	1	☼	8270E	Total/NA
Benzo[b]fluoranthene	0.041		0.037	0.0096	mg/Kg	1	☼	8270E	Total/NA
Benzo[g,h,i]perylene	0.035	J	0.37	0.011	mg/Kg	1	☼	8270E	Total/NA
Benzo[k]fluoranthene	0.017	J	0.037	0.0073	mg/Kg	1	☼	8270E	Total/NA
Chrysene	0.033	J	0.37	0.016	mg/Kg	1	☼	8270E	Total/NA
Dibenz(a,h)anthracene	0.016	J	0.037	0.016	mg/Kg	1	☼	8270E	Total/NA
Di-n-butyl phthalate	0.026	J	0.37	0.014	mg/Kg	1	☼	8270E	Total/NA
Fluoranthene	0.029	J	0.37	0.013	mg/Kg	1	☼	8270E	Total/NA
Indeno[1,2,3-cd]pyrene	0.039		0.037	0.014	mg/Kg	1	☼	8270E	Total/NA
Naphthalene	0.0078	J	0.37	0.0064	mg/Kg	1	☼	8270E	Total/NA
Phenanthrene	0.015	J	0.37	0.015	mg/Kg	1	☼	8270E	Total/NA
Pyrene	0.027	J	0.37	0.0092	mg/Kg	1	☼	8270E	Total/NA
Perfluorooctanoic acid (PFOA)	0.12	J	0.20	0.059	ug/Kg	1	☼	1633A	Total/NA
Perfluorononanoic acid (PFNA)	0.29		0.20	0.099	ug/Kg	1	☼	1633A	Total/NA
Perfluorodecanoic acid (PFDA)	0.11	J	0.20	0.059	ug/Kg	1	☼	1633A	Total/NA
Perfluoroundecanoic acid (PFUnA)	1.58		0.20	0.099	ug/Kg	1	☼	1633A	Total/NA
Perfluorododecanoic acid (PFDoA)	0.16	J	0.20	0.099	ug/Kg	1	☼	1633A	Total/NA
Perfluorotridecanoic acid (PFTrDA)	1.53		0.20	0.099	ug/Kg	1	☼	1633A	Total/NA
1H,1H,2H,2H-Perfluorodecane sulfonic acid (8:2 FTS)	0.41		0.40	0.20	ug/Kg	1	☼	1633A	Total/NA
Aluminum	7220		18.2	5.0	mg/Kg	1	☼	6020B	Total/NA
Antimony	2.7		0.91	0.13	mg/Kg	1	☼	6020B	Total/NA
Arsenic	8.0		0.91	0.094	mg/Kg	1	☼	6020B	Total/NA
Barium	59.3		1.8	0.13	mg/Kg	1	☼	6020B	Total/NA
Beryllium	1.4		0.36	0.020	mg/Kg	1	☼	6020B	Total/NA
Cadmium	0.32	J	0.91	0.10	mg/Kg	1	☼	6020B	Total/NA
Calcium	1820		91.2	8.9	mg/Kg	1	☼	6020B	Total/NA
Chromium	34.4		1.8	0.27	mg/Kg	1	☼	6020B	Total/NA
Cobalt	8.5		0.91	0.13	mg/Kg	1	☼	6020B	Total/NA
Copper	74.6		1.8	0.34	mg/Kg	1	☼	6020B	Total/NA

This Detection Summary does not include radiochemical test results.

Client Sample ID: 5E_5-10 (Continued)

Lab Sample ID: 460-336761-14

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Iron	21800		54.7	7.0	mg/Kg	1	☼	6020B	Total/NA
Lead	352		0.55	0.18	mg/Kg	1	☼	6020B	Total/NA
Magnesium	1860		91.2	9.3	mg/Kg	1	☼	6020B	Total/NA
Manganese	165		3.6	0.37	mg/Kg	1	☼	6020B	Total/NA
Nickel	28.3		1.8	0.16	mg/Kg	1	☼	6020B	Total/NA
Potassium	1250		91.2	14.8	mg/Kg	1	☼	6020B	Total/NA
Selenium	0.39	J	1.1	0.12	mg/Kg	1	☼	6020B	Total/NA
Silver	0.29	J	0.36	0.081	mg/Kg	1	☼	6020B	Total/NA
Sodium	136		91.2	41.7	mg/Kg	1	☼	6020B	Total/NA
Thallium	0.080	J	0.36	0.037	mg/Kg	1	☼	6020B	Total/NA
Vanadium	26.7		1.8	0.19	mg/Kg	1	☼	6020B	Total/NA
Zinc	281		7.3	0.99	mg/Kg	1	☼	6020B	Total/NA
Mercury	0.032		0.018	0.0085	mg/Kg	1	☼	7471B	Total/NA

Client Sample ID: 3B_0-7

Lab Sample ID: 460-336761-15

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
2-Methylnaphthalene	0.011	J	0.36	0.010	mg/Kg	1	☼	8270E	Total/NA
Acenaphthylene	0.016	J	0.36	0.010	mg/Kg	1	☼	8270E	Total/NA
Anthracene	0.030	J	0.36	0.011	mg/Kg	1	☼	8270E	Total/NA
Benzo[a]pyrene	0.015	J	0.036	0.0097	mg/Kg	1	☼	8270E	Total/NA
Benzo[b]fluoranthene	0.020	J	0.036	0.0094	mg/Kg	1	☼	8270E	Total/NA
Benzo[g,h,i]perylene	0.017	J	0.36	0.011	mg/Kg	1	☼	8270E	Total/NA
Benzo[k]fluoranthene	0.0083	J	0.036	0.0071	mg/Kg	1	☼	8270E	Total/NA
Chrysene	0.015	J	0.36	0.015	mg/Kg	1	☼	8270E	Total/NA
Fluoranthene	0.021	J	0.36	0.013	mg/Kg	1	☼	8270E	Total/NA
Indeno[1,2,3-cd]pyrene	0.015	J	0.036	0.014	mg/Kg	1	☼	8270E	Total/NA
Phenanthrene	0.024	J	0.36	0.015	mg/Kg	1	☼	8270E	Total/NA
Pyrene	0.027	J	0.36	0.0090	mg/Kg	1	☼	8270E	Total/NA
Perfluorooctanoic acid (PFOA)	0.070	J	0.20	0.060	ug/Kg	1	☼	1633A	Total/NA
Perfluorononanoic acid (PFNA)	0.12	J	0.20	0.099	ug/Kg	1	☼	1633A	Total/NA
Perfluorodecanoic acid (PFDA)	0.096	J	0.20	0.060	ug/Kg	1	☼	1633A	Total/NA
Perfluoroundecanoic acid (PFUnA)	2.30		0.20	0.099	ug/Kg	1	☼	1633A	Total/NA
Perfluorododecanoic acid (PFDoA)	0.18	J	0.20	0.099	ug/Kg	1	☼	1633A	Total/NA
Perfluorotridecanoic acid (PFTrDA)	2.69		0.20	0.099	ug/Kg	1	☼	1633A	Total/NA
1H,1H,2H,2H-Perfluorodecane sulfonic acid (8:2 FTS)	0.91		0.40	0.20	ug/Kg	1	☼	1633A	Total/NA
Aluminum	6300		16.2	4.5	mg/Kg	1	☼	6020B	Total/NA
Antimony	1.0		0.81	0.12	mg/Kg	1	☼	6020B	Total/NA
Arsenic	4.5		0.81	0.084	mg/Kg	1	☼	6020B	Total/NA
Barium	30.4		1.6	0.12	mg/Kg	1	☼	6020B	Total/NA
Beryllium	0.50		0.32	0.018	mg/Kg	1	☼	6020B	Total/NA
Cadmium	0.17	J	0.81	0.092	mg/Kg	1	☼	6020B	Total/NA
Calcium	2060		81.1	7.9	mg/Kg	1	☼	6020B	Total/NA
Chromium	14.0		1.6	0.24	mg/Kg	1	☼	6020B	Total/NA
Cobalt	5.9		0.81	0.12	mg/Kg	1	☼	6020B	Total/NA
Copper	34.6		1.6	0.30	mg/Kg	1	☼	6020B	Total/NA
Iron	18500		48.7	6.2	mg/Kg	1	☼	6020B	Total/NA
Lead	96.6		0.49	0.16	mg/Kg	1	☼	6020B	Total/NA
Magnesium	2910		81.1	8.3	mg/Kg	1	☼	6020B	Total/NA
Manganese	200		3.2	0.33	mg/Kg	1	☼	6020B	Total/NA
Nickel	16.1		1.6	0.14	mg/Kg	1	☼	6020B	Total/NA

This Detection Summary does not include radiochemical test results.

Client Sample ID: 3B_0-7 (Continued)

Lab Sample ID: 460-336761-15

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Potassium	1800		81.1	13.1	mg/Kg	1	☼	6020B	Total/NA
Selenium	0.23	J	1.0	0.10	mg/Kg	1	☼	6020B	Total/NA
Silver	0.12	J	0.32	0.072	mg/Kg	1	☼	6020B	Total/NA
Sodium	59.8	J	81.1	37.1	mg/Kg	1	☼	6020B	Total/NA
Thallium	0.10	J	0.32	0.033	mg/Kg	1	☼	6020B	Total/NA
Vanadium	16.9		1.6	0.17	mg/Kg	1	☼	6020B	Total/NA
Zinc	90.9		6.5	0.88	mg/Kg	1	☼	6020B	Total/NA
Mercury	0.034		0.018	0.0083	mg/Kg	1	☼	7471B	Total/NA

Client Sample ID: 3B_7-14

Lab Sample ID: 460-336761-16

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Perfluorooctanoic acid (PFOA)	0.066	J	0.20	0.059	ug/Kg	1	☼	1633A	Total/NA
Perfluorononanoic acid (PFNA)	0.13	J	0.20	0.099	ug/Kg	1	☼	1633A	Total/NA
Perfluoroundecanoic acid (PFUnA)	0.63		0.20	0.099	ug/Kg	1	☼	1633A	Total/NA
Perfluorotridecanoic acid (PFTrDA)	1.97		0.20	0.099	ug/Kg	1	☼	1633A	Total/NA
1H,1H,2H,2H-Perfluorodecane sulfonic acid (8:2 FTS)	1.05		0.40	0.20	ug/Kg	1	☼	1633A	Total/NA
Aluminum	7000		16.7	4.6	mg/Kg	1	☼	6020B	Total/NA
Antimony	1.2		0.84	0.12	mg/Kg	1	☼	6020B	Total/NA
Arsenic	6.0		0.84	0.086	mg/Kg	1	☼	6020B	Total/NA
Barium	35.3		1.7	0.12	mg/Kg	1	☼	6020B	Total/NA
Beryllium	0.45		0.33	0.018	mg/Kg	1	☼	6020B	Total/NA
Cadmium	0.16	J	0.84	0.094	mg/Kg	1	☼	6020B	Total/NA
Calcium	861		83.5	8.1	mg/Kg	1	☼	6020B	Total/NA
Chromium	17.5		1.7	0.25	mg/Kg	1	☼	6020B	Total/NA
Cobalt	5.4		0.84	0.12	mg/Kg	1	☼	6020B	Total/NA
Copper	26.8		1.7	0.31	mg/Kg	1	☼	6020B	Total/NA
Iron	17700		50.1	6.4	mg/Kg	1	☼	6020B	Total/NA
Lead	53.2		0.50	0.17	mg/Kg	1	☼	6020B	Total/NA
Magnesium	2540		83.5	8.5	mg/Kg	1	☼	6020B	Total/NA
Manganese	206		3.3	0.34	mg/Kg	1	☼	6020B	Total/NA
Nickel	18.1		1.7	0.15	mg/Kg	1	☼	6020B	Total/NA
Potassium	1210		83.5	13.5	mg/Kg	1	☼	6020B	Total/NA
Selenium	0.26	J	1.0	0.11	mg/Kg	1	☼	6020B	Total/NA
Silver	0.16	J	0.33	0.074	mg/Kg	1	☼	6020B	Total/NA
Sodium	49.7	J	83.5	38.2	mg/Kg	1	☼	6020B	Total/NA
Thallium	0.090	J	0.33	0.034	mg/Kg	1	☼	6020B	Total/NA
Vanadium	24.8		1.7	0.17	mg/Kg	1	☼	6020B	Total/NA
Zinc	44.3		6.7	0.91	mg/Kg	1	☼	6020B	Total/NA
Mercury	0.019		0.019	0.0087	mg/Kg	1	☼	7471B	Total/NA

Client Sample ID: 3C_0-7

Lab Sample ID: 460-336761-17

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Di-n-butyl phthalate	0.25	J	0.36	0.014	mg/Kg	1	☼	8270E	Total/NA
Naphthalene	0.0063	J	0.36	0.0063	mg/Kg	1	☼	8270E	Total/NA
Perfluoropentanoic acid (PFPeA)	0.18	J	0.20	0.099	ug/Kg	1	☼	1633A	Total/NA
Perfluorohexanoic acid (PFHxA)	0.13	J	0.20	0.099	ug/Kg	1	☼	1633A	Total/NA
Perfluoroheptanoic acid (PFHpA)	0.25		0.20	0.099	ug/Kg	1	☼	1633A	Total/NA
Perfluorooctanoic acid (PFOA)	0.60		0.20	0.060	ug/Kg	1	☼	1633A	Total/NA
Perfluorononanoic acid (PFNA)	1.57		0.20	0.099	ug/Kg	1	☼	1633A	Total/NA

This Detection Summary does not include radiochemical test results.

Client Sample ID: 3C_0-7 (Continued)

Lab Sample ID: 460-336761-17

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Perfluorodecanoic acid (PFDA)	3.34		0.20	0.060	ug/Kg	1	☼	1633A	Total/NA
Perfluoroundecanoic acid (PFUnA)	11.9		0.20	0.099	ug/Kg	1	☼	1633A	Total/NA
Perfluorododecanoic acid (PFDoA)	2.09		0.20	0.099	ug/Kg	1	☼	1633A	Total/NA
Perfluorotridecanoic acid (PFTrDA)	12.5		0.20	0.099	ug/Kg	1	☼	1633A	Total/NA
Perfluorotetradecanoic acid (PFTeDA)	0.47		0.20	0.099	ug/Kg	1	☼	1633A	Total/NA
1H,1H,2H,2H-Perfluorooctane sulfonic acid (6:2 FTS)	0.69		0.40	0.20	ug/Kg	1	☼	1633A	Total/NA
1H,1H,2H,2H-Perfluorodecane sulfonic acid (8:2 FTS)	2.84		0.40	0.20	ug/Kg	1	☼	1633A	Total/NA
Aluminum	10700		19.5	5.4	mg/Kg	1	☼	6020B	Total/NA
Antimony	1.2		0.98	0.14	mg/Kg	1	☼	6020B	Total/NA
Arsenic	7.0		0.98	0.10	mg/Kg	1	☼	6020B	Total/NA
Barium	111		2.0	0.14	mg/Kg	1	☼	6020B	Total/NA
Beryllium	4.7		0.39	0.021	mg/Kg	1	☼	6020B	Total/NA
Cadmium	0.41	J	0.98	0.11	mg/Kg	1	☼	6020B	Total/NA
Calcium	1990		97.7	9.5	mg/Kg	1	☼	6020B	Total/NA
Chromium	59.2		2.0	0.29	mg/Kg	1	☼	6020B	Total/NA
Cobalt	14.5		0.98	0.14	mg/Kg	1	☼	6020B	Total/NA
Copper	150		2.0	0.36	mg/Kg	1	☼	6020B	Total/NA
Iron	27000		58.6	7.5	mg/Kg	1	☼	6020B	Total/NA
Lead	396		0.59	0.20	mg/Kg	1	☼	6020B	Total/NA
Magnesium	2180		97.7	10	mg/Kg	1	☼	6020B	Total/NA
Manganese	263		3.9	0.39	mg/Kg	1	☼	6020B	Total/NA
Nickel	68.4		2.0	0.17	mg/Kg	1	☼	6020B	Total/NA
Potassium	1310		97.7	15.8	mg/Kg	1	☼	6020B	Total/NA
Selenium	0.57	J	1.2	0.13	mg/Kg	1	☼	6020B	Total/NA
Silver	0.31	J	0.39	0.087	mg/Kg	1	☼	6020B	Total/NA
Sodium	197		97.7	44.7	mg/Kg	1	☼	6020B	Total/NA
Thallium	0.12	J	0.39	0.040	mg/Kg	1	☼	6020B	Total/NA
Vanadium	28.0		2.0	0.20	mg/Kg	1	☼	6020B	Total/NA
Zinc	575		7.8	1.1	mg/Kg	1	☼	6020B	Total/NA
Mercury	0.058		0.018	0.0085	mg/Kg	1	☼	7471B	Total/NA

Client Sample ID: 3C_7-14

Lab Sample ID: 460-336761-18

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Benzo[a]pyrene	0.010	J	0.037	0.0099	mg/Kg	1	☼	8270E	Total/NA
Benzo[b]fluoranthene	0.012	J	0.037	0.0096	mg/Kg	1	☼	8270E	Total/NA
Di-n-butyl phthalate	0.077	J	0.37	0.014	mg/Kg	1	☼	8270E	Total/NA
Fluoranthene	0.014	J	0.37	0.013	mg/Kg	1	☼	8270E	Total/NA
Pyrene	0.013	J	0.37	0.0092	mg/Kg	1	☼	8270E	Total/NA
Perfluoropentanoic acid (PFPeA)	0.12	J	0.20	0.10	ug/Kg	1	☼	1633A	Total/NA
Perfluorohexanoic acid (PFHxA)	0.10	J	0.20	0.10	ug/Kg	1	☼	1633A	Total/NA
Perfluorooctanoic acid (PFOA)	0.16	J	0.20	0.060	ug/Kg	1	☼	1633A	Total/NA
Perfluorononanoic acid (PFNA)	0.54		0.20	0.10	ug/Kg	1	☼	1633A	Total/NA
Perfluorodecanoic acid (PFDA)	0.73		0.20	0.060	ug/Kg	1	☼	1633A	Total/NA
Perfluoroundecanoic acid (PFUnA)	6.08		0.20	0.10	ug/Kg	1	☼	1633A	Total/NA
Perfluorododecanoic acid (PFDoA)	1.02		0.20	0.10	ug/Kg	1	☼	1633A	Total/NA
Perfluorotridecanoic acid (PFTrDA)	6.89		0.20	0.10	ug/Kg	1	☼	1633A	Total/NA
Perfluorotetradecanoic acid (PFTeDA)	0.24		0.20	0.10	ug/Kg	1	☼	1633A	Total/NA
1H,1H,2H,2H-Perfluorooctane sulfonic acid (6:2 FTS)	0.37	J	0.40	0.20	ug/Kg	1	☼	1633A	Total/NA

This Detection Summary does not include radiochemical test results.

Client Sample ID: 3C_7-14 (Continued)

Lab Sample ID: 460-336761-18

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
1H,1H,2H,2H-Perfluorodecane sulfonic acid (8:2 FTS)	1.49		0.40	0.20	ug/Kg	1	☼	1633A	Total/NA
Aluminum	10600		20.0	5.5	mg/Kg	1	☼	6020B	Total/NA
Antimony	0.97	J	1.0	0.15	mg/Kg	1	☼	6020B	Total/NA
Arsenic	6.5		1.0	0.10	mg/Kg	1	☼	6020B	Total/NA
Barium	90.4		2.0	0.15	mg/Kg	1	☼	6020B	Total/NA
Beryllium	1.8		0.40	0.022	mg/Kg	1	☼	6020B	Total/NA
Cadmium	0.26	J	1.0	0.11	mg/Kg	1	☼	6020B	Total/NA
Calcium	1750		100	9.7	mg/Kg	1	☼	6020B	Total/NA
Chromium	36.5		2.0	0.30	mg/Kg	1	☼	6020B	Total/NA
Cobalt	11.6		1.0	0.15	mg/Kg	1	☼	6020B	Total/NA
Copper	99.1		2.0	0.37	mg/Kg	1	☼	6020B	Total/NA
Iron	23800		60.0	7.7	mg/Kg	1	☼	6020B	Total/NA
Lead	348		0.60	0.20	mg/Kg	1	☼	6020B	Total/NA
Magnesium	3390		100	10.2	mg/Kg	1	☼	6020B	Total/NA
Manganese	274		4.0	0.40	mg/Kg	1	☼	6020B	Total/NA
Nickel	58.9		2.0	0.18	mg/Kg	1	☼	6020B	Total/NA
Potassium	1320		100	16.2	mg/Kg	1	☼	6020B	Total/NA
Selenium	0.42	J	1.3	0.13	mg/Kg	1	☼	6020B	Total/NA
Silver	0.30	J	0.40	0.089	mg/Kg	1	☼	6020B	Total/NA
Sodium	166		100	45.7	mg/Kg	1	☼	6020B	Total/NA
Thallium	0.13	J	0.40	0.041	mg/Kg	1	☼	6020B	Total/NA
Vanadium	28.2		2.0	0.21	mg/Kg	1	☼	6020B	Total/NA
Zinc	331		8.0	1.1	mg/Kg	1	☼	6020B	Total/NA
Mercury	0.028		0.019	0.0088	mg/Kg	1	☼	7471B	Total/NA

Client Sample ID: 3D_0-7

Lab Sample ID: 460-336761-19

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
2-Methylnaphthalene	0.014	J	0.36	0.010	mg/Kg	1	☼	8270E	Total/NA
Benzo[b]fluoranthene	0.014	J	0.036	0.0092	mg/Kg	1	☼	8270E	Total/NA
Chrysene	0.015	J	0.36	0.015	mg/Kg	1	☼	8270E	Total/NA
Fluoranthene	0.017	J	0.36	0.012	mg/Kg	1	☼	8270E	Total/NA
Naphthalene	0.056	J	0.36	0.0062	mg/Kg	1	☼	8270E	Total/NA
Phenanthrene	0.031	J	0.36	0.015	mg/Kg	1	☼	8270E	Total/NA
Pyrene	0.017	J	0.36	0.0089	mg/Kg	1	☼	8270E	Total/NA
Perfluorooctanoic acid (PFOA)	0.22		0.20	0.059	ug/Kg	1	☼	1633A	Total/NA
Perfluorononanoic acid (PFNA)	0.36		0.20	0.099	ug/Kg	1	☼	1633A	Total/NA
Perfluorodecanoic acid (PFDA)	0.099	J	0.20	0.059	ug/Kg	1	☼	1633A	Total/NA
Perfluoroundecanoic acid (PFUnA)	0.31		0.20	0.099	ug/Kg	1	☼	1633A	Total/NA
Perfluorotridecanoic acid (PFTrDA)	0.20		0.20	0.099	ug/Kg	1	☼	1633A	Total/NA
Aluminum	3170		19.4	5.3	mg/Kg	1	☼	6020B	Total/NA
Antimony	2.3		0.97	0.14	mg/Kg	1	☼	6020B	Total/NA
Arsenic	11.9		0.97	0.10	mg/Kg	1	☼	6020B	Total/NA
Barium	24.1		1.9	0.14	mg/Kg	1	☼	6020B	Total/NA
Beryllium	0.29	J	0.39	0.021	mg/Kg	1	☼	6020B	Total/NA
Calcium	478		96.8	9.4	mg/Kg	1	☼	6020B	Total/NA
Chromium	9.0		1.9	0.29	mg/Kg	1	☼	6020B	Total/NA
Cobalt	2.4		0.97	0.14	mg/Kg	1	☼	6020B	Total/NA
Copper	29.4		1.9	0.36	mg/Kg	1	☼	6020B	Total/NA
Iron	12400		58.1	7.4	mg/Kg	1	☼	6020B	Total/NA
Lead	54.4		0.58	0.19	mg/Kg	1	☼	6020B	Total/NA

This Detection Summary does not include radiochemical test results.

Client Sample ID: 3D_0-7 (Continued) — Lab Sample ID: 460-336761-19

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Magnesium	777		96.8	9.9	mg/Kg	1	☼	6020B	Total/NA
Manganese	77.7		3.9	0.39	mg/Kg	1	☼	6020B	Total/NA
Nickel	4.7		1.9	0.17	mg/Kg	1	☼	6020B	Total/NA
Potassium	565		96.8	15.7	mg/Kg	1	☼	6020B	Total/NA
Selenium	0.61	J	1.2	0.12	mg/Kg	1	☼	6020B	Total/NA
Silver	0.35	J	0.39	0.086	mg/Kg	1	☼	6020B	Total/NA
Thallium	0.081	J	0.39	0.040	mg/Kg	1	☼	6020B	Total/NA
Vanadium	15.5		1.9	0.20	mg/Kg	1	☼	6020B	Total/NA
Zinc	25.8		7.7	1.1	mg/Kg	1	☼	6020B	Total/NA
Mercury	0.066		0.018	0.0083	mg/Kg	1	☼	7471B	Total/NA

Client Sample ID: 3D_7-14 — Lab Sample ID: 460-336761-20

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Acenaphthylene	0.012	J	0.37	0.011	mg/Kg	1	☼	8270E	Total/NA
Anthracene	0.012	J	0.37	0.011	mg/Kg	1	☼	8270E	Total/NA
Benzo[a]pyrene	0.018	J	0.037	0.0099	mg/Kg	1	☼	8270E	Total/NA
Benzo[b]fluoranthene	0.028	J	0.037	0.0096	mg/Kg	1	☼	8270E	Total/NA
Benzo[g,h,i]perylene	0.018	J	0.37	0.011	mg/Kg	1	☼	8270E	Total/NA
Benzo[k]fluoranthene	0.0077	J	0.037	0.0073	mg/Kg	1	☼	8270E	Total/NA
Chrysene	0.022	J	0.37	0.016	mg/Kg	1	☼	8270E	Total/NA
Fluoranthene	0.028	J	0.37	0.013	mg/Kg	1	☼	8270E	Total/NA
Indeno[1,2,3-cd]pyrene	0.018	J	0.037	0.015	mg/Kg	1	☼	8270E	Total/NA
Naphthalene	0.0087	J	0.37	0.0064	mg/Kg	1	☼	8270E	Total/NA
Phenanthrene	0.027	J	0.37	0.015	mg/Kg	1	☼	8270E	Total/NA
Pyrene	0.024	J	0.37	0.0093	mg/Kg	1	☼	8270E	Total/NA
Perfluorooctanoic acid (PFOA)	0.077	J	0.20	0.060	ug/Kg	1	☼	1633A	Total/NA
Perfluorononanoic acid (PFNA)	0.49		0.20	0.10	ug/Kg	1	☼	1633A	Total/NA
Perfluorodecanoic acid (PFDA)	0.13	J	0.20	0.060	ug/Kg	1	☼	1633A	Total/NA
Perfluoroundecanoic acid (PFUnA)	1.03		0.20	0.10	ug/Kg	1	☼	1633A	Total/NA
Perfluorododecanoic acid (PFDoA)	0.19	J	0.20	0.10	ug/Kg	1	☼	1633A	Total/NA
Perfluorotridecanoic acid (PFTrDA)	1.31		0.20	0.10	ug/Kg	1	☼	1633A	Total/NA
Aluminum	4910		21.5	5.9	mg/Kg	1	☼	6020B	Total/NA
Antimony	1.2		1.1	0.16	mg/Kg	1	☼	6020B	Total/NA
Arsenic	8.1		1.1	0.11	mg/Kg	1	☼	6020B	Total/NA
Barium	34.0		2.2	0.16	mg/Kg	1	☼	6020B	Total/NA
Beryllium	0.40	J	0.43	0.024	mg/Kg	1	☼	6020B	Total/NA
Cadmium	0.20	J	1.1	0.12	mg/Kg	1	☼	6020B	Total/NA
Calcium	973		108	10.5	mg/Kg	1	☼	6020B	Total/NA
Chromium	14.8		2.2	0.32	mg/Kg	1	☼	6020B	Total/NA
Cobalt	4.6		1.1	0.16	mg/Kg	1	☼	6020B	Total/NA
Copper	34.0		2.2	0.40	mg/Kg	1	☼	6020B	Total/NA
Iron	16300		64.6	8.2	mg/Kg	1	☼	6020B	Total/NA
Lead	116		0.65	0.22	mg/Kg	1	☼	6020B	Total/NA
Magnesium	1230		108	11.0	mg/Kg	1	☼	6020B	Total/NA
Manganese	118		4.3	0.43	mg/Kg	1	☼	6020B	Total/NA
Nickel	12.7		2.2	0.19	mg/Kg	1	☼	6020B	Total/NA
Potassium	737		108	17.4	mg/Kg	1	☼	6020B	Total/NA
Selenium	0.39	J	1.3	0.14	mg/Kg	1	☼	6020B	Total/NA
Silver	0.24	J	0.43	0.096	mg/Kg	1	☼	6020B	Total/NA
Sodium	61.2	J	108	49.2	mg/Kg	1	☼	6020B	Total/NA

This Detection Summary does not include radiochemical test results.

Client Sample ID: 3D_7-14 (Continued) — Lab Sample ID: 460-336761-20

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Thallium	0.070	J	0.43	0.044	mg/Kg	1	☼	6020B	Total/NA
Vanadium	21.0		2.2	0.22	mg/Kg	1	☼	6020B	Total/NA
Zinc	94.0		8.6	1.2	mg/Kg	1	☼	6020B	Total/NA
Mercury	0.027		0.019	0.0089	mg/Kg	1	☼	7471B	Total/NA

Client Sample ID: 49C1_1-2 — Lab Sample ID: 460-336761-21

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Toluene	0.00054	J	0.0011	0.00025	mg/Kg	1	☼	8260D	Total/NA

Client Sample ID: 49C2_2-3 — Lab Sample ID: 460-336761-22

No Detections.

Client Sample ID: 49C3_3-4 — Lab Sample ID: 460-336761-23

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Methylene Chloride	0.0015	J	0.0022	0.0013	mg/Kg	1	☼	8260D	Total/NA

Client Sample ID: 49C1_5-6 — Lab Sample ID: 460-336761-24

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
2-Butanone (MEK)	0.0023	J	0.0058	0.00042	mg/Kg	1	☼	8260D	Total/NA
Acetone	0.24		0.0069	0.0066	mg/Kg	1	☼	8260D	Total/NA

Client Sample ID: 49C2_7-8 — Lab Sample ID: 460-336761-25

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Acetone	0.042		0.0060	0.0057	mg/Kg	1	☼	8260D	Total/NA
Toluene	0.00046	J	0.0010	0.00023	mg/Kg	1	☼	8260D	Total/NA

Client Sample ID: 49C3_8-9 — Lab Sample ID: 460-336761-26

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
2-Butanone (MEK)	0.0033	J	0.0052	0.00038	mg/Kg	1	☼	8260D	Total/NA
Acetone	0.19		0.0062	0.0059	mg/Kg	1	☼	8260D	Total/NA

Client Sample ID: 49C1_9-10 — Lab Sample ID: 460-336761-27

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Methylene Chloride	0.0013	J	0.0023	0.0013	mg/Kg	1	☼	8260D	Total/NA
Toluene	0.00058	J	0.0011	0.00026	mg/Kg	1	☼	8260D	Total/NA

Client Sample ID: 49D1_1-2 — Lab Sample ID: 460-336761-28

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Acetone	0.055		0.0063	0.0060	mg/Kg	1	☼	8260D	Total/NA

Client Sample ID: 49D2_2-3 — Lab Sample ID: 460-336761-29

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Toluene	0.00059	J	0.0011	0.00026	mg/Kg	1	☼	8260D	Total/NA

This Detection Summary does not include radiochemical test results.

Detection Summary

Client: Haley & Aldrich, Inc.
Project/Site: Former Port Mobil

Job ID: 460-336761-1

Client Sample ID: 49D3_3-4 — Lab Sample ID: 460-336761-30

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Methylene Chloride	0.0014	J	0.0023	0.0013	mg/Kg	1	☼	8260D	Total/NA
Toluene	0.00052	J	0.0011	0.00027	mg/Kg	1	☼	8260D	Total/NA

Client Sample ID: 49D1_4-5 — Lab Sample ID: 460-336761-31

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Acetone	0.15		0.0049	0.0047	mg/Kg	1	☼	8260D	Total/NA

Client Sample ID: 49D2_5-6 — Lab Sample ID: 460-336761-32

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Acetone	0.074		0.010	0.0096	mg/Kg	1	☼	8260D	Total/NA

Client Sample ID: 49D3_6-7 — Lab Sample ID: 460-336761-33

No Detections.

Client Sample ID: 49D1_7-8 — Lab Sample ID: 460-336761-34

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Acetone	0.19		0.0087	0.0083	mg/Kg	1	☼	8260D	Total/NA

Client Sample ID: 5A1_1-2 — Lab Sample ID: 460-336761-35

No Detections.

Client Sample ID: 5A2_2-3 — Lab Sample ID: 460-336761-36

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Acetone	0.22		0.0095	0.0090	mg/Kg	1	☼	8260D	Total/NA

Client Sample ID: 5A3_4-5 — Lab Sample ID: 460-336761-37

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Acetone	0.082		0.0080	0.0076	mg/Kg	1	☼	8260D	Total/NA
Toluene	0.00055	J	0.0013	0.00031	mg/Kg	1	☼	8260D	Total/NA

Client Sample ID: 5A1_5-6 — Lab Sample ID: 460-336761-38

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Acetone	0.028		0.0058	0.0055	mg/Kg	1	☼	8260D	Total/NA

Client Sample ID: 5A2_7-8 — Lab Sample ID: 460-336761-39

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Acetone	0.027		0.0046	0.0044	mg/Kg	1	☼	8260D	Total/NA

Client Sample ID: 5A3_8-9 — Lab Sample ID: 460-336761-40

No Detections.

Client Sample ID: 5A1_9-10 — Lab Sample ID: 460-336761-41

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Acetone	0.064		0.0058	0.0055	mg/Kg	1	☼	8260D	Total/NA

This Detection Summary does not include radiochemical test results.

Detection Summary

Client: Haley & Aldrich, Inc.
Project/Site: Former Port Mobil

Job ID: 460-336761-1

Client Sample ID: 5B1_1-2 — Lab Sample ID: 460-336761-42

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Methylene Chloride	0.0069		0.0025	0.0014	mg/Kg	1	☼	8260D	Total/NA

Client Sample ID: 5B2_2-3 — Lab Sample ID: 460-336761-43

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Methylene Chloride	0.0041		0.0025	0.0014	mg/Kg	1	☼	8260D	Total/NA

Client Sample ID: 5B3_3-4 — Lab Sample ID: 460-336761-44

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Methylene Chloride	0.0047		0.0031	0.0017	mg/Kg	1	☼	8260D	Total/NA

Client Sample ID: 5B1_5-6 — Lab Sample ID: 460-336761-45

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Methylene Chloride	0.0055		0.0020	0.0011	mg/Kg	1	☼	8260D	Total/NA

Client Sample ID: 5B2_6-7 — Lab Sample ID: 460-336761-46

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Methylene Chloride	0.0063		0.0022	0.0012	mg/Kg	1	☼	8260D	Total/NA

Client Sample ID: 5B3_8-9 — Lab Sample ID: 460-336761-47

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Methylene Chloride	0.0030		0.0025	0.0014	mg/Kg	1	☼	8260D	Total/NA

Client Sample ID: 5B2_9-10 — Lab Sample ID: 460-336761-48

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Methylene Chloride	0.0043		0.0018	0.0010	mg/Kg	1	☼	8260D	Total/NA

Client Sample ID: 5C1_1-2 — Lab Sample ID: 460-336761-49

No Detections.

Client Sample ID: 5C2_3-4 — Lab Sample ID: 460-336761-50

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Acetone	0.026		0.0066	0.0063	mg/Kg	1	☼	8260D	Total/NA

Client Sample ID: 5C3_4-5 — Lab Sample ID: 460-336761-51

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Acetone	0.017		0.0062	0.0059	mg/Kg	1	☼	8260D	Total/NA

Client Sample ID: 5C1_5-6 — Lab Sample ID: 460-336761-52

No Detections.

Client Sample ID: 5C2_6-7 — Lab Sample ID: 460-336761-53

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Methylene Chloride	0.0015	J	0.0024	0.0014	mg/Kg	1	☼	8260D	Total/NA

Client Sample ID: 5C3_8-9 — Lab Sample ID: 460-336761-54

No Detections.

This Detection Summary does not include radiochemical test results.

Eurofins Edison

Detection Summary

Client: Haley & Aldrich, Inc.
Project/Site: Former Port Mobil

Job ID: 460-336761-1

Client Sample ID: 5C3_9-10 — Lab Sample ID: 460-336761-55

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Methylene Chloride	0.0035		0.0020	0.0011	mg/Kg	1	☼	8260D	Total/NA

Client Sample ID: 5D1_1-2 — Lab Sample ID: 460-336761-56

No Detections.

Client Sample ID: 5D2_3-4 — Lab Sample ID: 460-336761-57

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Acetone	0.059		0.0058	0.0055	mg/Kg	1	☼	8260D	Total/NA

Client Sample ID: 5D3_4-5 — Lab Sample ID: 460-336761-58

No Detections.

Client Sample ID: 5D1_5-6 — Lab Sample ID: 460-336761-59

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Acetone	0.061		0.0044	0.0042	mg/Kg	1	☼	8260D	Total/NA

Client Sample ID: 5D2_7-8 — Lab Sample ID: 460-336761-60

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Acetone	0.054		0.0046	0.0044	mg/Kg	1	☼	8260D	Total/NA
Toluene	0.00039	J	0.00077	0.00018	mg/Kg	1	☼	8260D	Total/NA
Xylenes, Total	0.00030	J	0.0015	0.00013	mg/Kg	1	☼	8260D	Total/NA

Client Sample ID: 5D3_8-9 — Lab Sample ID: 460-336761-61

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Acetone	0.11		0.0097	0.0092	mg/Kg	1	☼	8260D	Total/NA

Client Sample ID: 5D2_9-10 — Lab Sample ID: 460-336761-62

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Acetone	0.14		0.0074	0.0070	mg/Kg	1	☼	8260D	Total/NA

Client Sample ID: 5E1_1-2 — Lab Sample ID: 460-336761-63

No Detections.

Client Sample ID: 5E2_3-4 — Lab Sample ID: 460-336761-64

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Methylene Chloride	0.0016	J	0.0022	0.0012	mg/Kg	1	☼	8260D	Total/NA
Toluene	0.00045	J	0.0011	0.00025	mg/Kg	1	☼	8260D	Total/NA

Client Sample ID: 5E3_4-5 — Lab Sample ID: 460-336761-65

No Detections.

Client Sample ID: 5E1_6-7 — Lab Sample ID: 460-336761-66

No Detections.

This Detection Summary does not include radiochemical test results.

Detection Summary

Client: Haley & Aldrich, Inc.
Project/Site: Former Port Mobil

Job ID: 460-336761-1

Client Sample ID: 5E2_7-8 — Lab Sample ID: 460-336761-67

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Acetone	0.14		0.0062	0.0059	mg/Kg	1	☼	8260D	Total/NA

Client Sample ID: 5E3_8-9 — Lab Sample ID: 460-336761-68

No Detections.

Client Sample ID: 5E1_9-10 — Lab Sample ID: 460-336761-69

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Toluene	0.00045	J	0.0012	0.00027	mg/Kg	1	☼	8260D	Total/NA

Client Sample ID: 3B1_1-2 — Lab Sample ID: 460-336761-70

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Acetone	0.058		0.016	0.015	mg/Kg	1	☼	8260D	Total/NA

Client Sample ID: 3B2_2-3 — Lab Sample ID: 460-336761-71

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Toluene	0.00071	J	0.0012	0.00028	mg/Kg	1	☼	8260D	Total/NA

Client Sample ID: 3B3_4-5 — Lab Sample ID: 460-336761-72

No Detections.

Client Sample ID: 3B1_6-7 — Lab Sample ID: 460-336761-73

No Detections.

Client Sample ID: 3B2_8-9 — Lab Sample ID: 460-336761-74

No Detections.

Client Sample ID: 3B3_10-11 — Lab Sample ID: 460-336761-75

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Toluene	0.00040	J	0.00097	0.00023	mg/Kg	1	☼	8260D	Total/NA

Client Sample ID: 3B3_11-12 — Lab Sample ID: 460-336761-76

No Detections.

Client Sample ID: 3C1_1-2 — Lab Sample ID: 460-336761-77

No Detections.

Client Sample ID: 3C2_2-3 — Lab Sample ID: 460-336761-78

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Toluene	0.00051	J	0.0011	0.00025	mg/Kg	1	☼	8260D	Total/NA

Client Sample ID: 3C3_4-5 — Lab Sample ID: 460-336761-79

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Methylene Chloride	0.0014	J	0.0019	0.0011	mg/Kg	1	☼	8260D	Total/NA

Client Sample ID: 3C1_5-6 — Lab Sample ID: 460-336761-80

No Detections.

This Detection Summary does not include radiochemical test results.

Eurofins Edison

Detection Summary

Client: Haley & Aldrich, Inc.
Project/Site: Former Port Mobil

Job ID: 460-336761-1

Client Sample ID: 3C2_7-8 — Lab Sample ID: 460-336761-81

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Methylene Chloride	0.0013	J	0.0022	0.0012	mg/Kg	1	☼	8260D	Total/NA

Client Sample ID: 3C3_9-10 — Lab Sample ID: 460-336761-82

No Detections.

Client Sample ID: 3C1_10-11 — Lab Sample ID: 460-336761-83

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Toluene	0.00050	J	0.0010	0.00023	mg/Kg	1	☼	8260D	Total/NA

Client Sample ID: 3D1_1-2 — Lab Sample ID: 460-336761-84

No Detections.

Client Sample ID: 3D2_3-4 — Lab Sample ID: 460-336761-85

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Toluene	0.00059	J	0.0012	0.00028	mg/Kg	1	☼	8260D	Total/NA

Client Sample ID: 3D3_5-6 — Lab Sample ID: 460-336761-86

No Detections.

Client Sample ID: 3D1_6-7 — Lab Sample ID: 460-336761-87

No Detections.

Client Sample ID: 3D2_7-8 — Lab Sample ID: 460-336761-88

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Methylene Chloride	0.0015	J	0.0024	0.0014	mg/Kg	1	☼	8260D	Total/NA
Toluene	0.00059	J	0.0012	0.00028	mg/Kg	1	☼	8260D	Total/NA

Client Sample ID: 3D3_9-10 — Lab Sample ID: 460-336761-89

No Detections.

Client Sample ID: 3D1_11-12 — Lab Sample ID: 460-336761-90

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Toluene	0.00055	J	0.0011	0.00026	mg/Kg	1	☼	8260D	Total/NA

This Detection Summary does not include radiochemical test results.

Client: Haley & Aldrich, Inc.
Project/Site: Former Port Mobil

Job ID: 460-336761-1

Client Sample ID: 49C_0-5
Date Collected: 10/08/25 08:00
Date Received: 10/08/25 17:00

Lab Sample ID: 460-336761-1
Matrix: Solid
Percent Solids: 92.5

Method: SW846 8270E - Semivolatile Organic Compounds (GC/MS)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1'-Biphenyl	0.36	U	0.36	0.012	mg/Kg	☼	10/10/25 06:36	10/10/25 12:35	1
1,2,4,5-Tetrachlorobenzene	0.36	U	0.36	0.011	mg/Kg	☼	10/10/25 06:36	10/10/25 12:35	1
1,4-Dioxane	0.036	U	0.036	0.031	mg/Kg	☼	10/10/25 06:36	10/10/25 12:35	1
2,2'-oxybis[1-chloropropane]	0.36	U	0.36	0.021	mg/Kg	☼	10/10/25 06:36	10/10/25 12:35	1
2,3,4,6-Tetrachlorophenol	0.36	U	0.36	0.024	mg/Kg	☼	10/10/25 06:36	10/10/25 12:35	1
2,4,5-Trichlorophenol	0.36	U	0.36	0.036	mg/Kg	☼	10/10/25 06:36	10/10/25 12:35	1
2,4,6-Trichlorophenol	0.14	U	0.14	0.046	mg/Kg	☼	10/10/25 06:36	10/10/25 12:35	1
2,4-Dichlorophenol	0.14	U	0.14	0.023	mg/Kg	☼	10/10/25 06:36	10/10/25 12:35	1
2,4-Dimethylphenol	0.36	U	0.36	0.043	mg/Kg	☼	10/10/25 06:36	10/10/25 12:35	1
2,4-Dinitrophenol	0.29	U	0.29	0.18	mg/Kg	☼	10/10/25 06:36	10/10/25 12:35	1
2,4-Dinitrotoluene	0.072	U	0.072	0.038	mg/Kg	☼	10/10/25 06:36	10/10/25 12:35	1
2,6-Dinitrotoluene	0.072	U	0.072	0.026	mg/Kg	☼	10/10/25 06:36	10/10/25 12:35	1
2-Chloronaphthalene	0.36	U	0.36	0.046	mg/Kg	☼	10/10/25 06:36	10/10/25 12:35	1
2-Chlorophenol	0.36	U	0.36	0.013	mg/Kg	☼	10/10/25 06:36	10/10/25 12:35	1
2-Methylnaphthalene	0.36	U	0.36	0.010	mg/Kg	☼	10/10/25 06:36	10/10/25 12:35	1
2-Methylphenol	0.36	U	0.36	0.013	mg/Kg	☼	10/10/25 06:36	10/10/25 12:35	1
2-Nitroaniline	0.36	U	0.36	0.027	mg/Kg	☼	10/10/25 06:36	10/10/25 12:35	1
2-Nitrophenol	0.36	U	0.36	0.036	mg/Kg	☼	10/10/25 06:36	10/10/25 12:35	1
3 & 4 Methylphenol	0.36	U	0.36	0.022	mg/Kg	☼	10/10/25 06:36	10/10/25 12:35	1
3,3'-Dichlorobenzidine	0.14	U	0.14	0.054	mg/Kg	☼	10/10/25 06:36	10/10/25 12:35	1
3-Nitroaniline	0.36	U	0.36	0.085	mg/Kg	☼	10/10/25 06:36	10/10/25 12:35	1
4,6-Dinitro-2-methylphenol	0.29	U	0.29	0.15	mg/Kg	☼	10/10/25 06:36	10/10/25 12:35	1
4-Bromophenyl phenyl ether	0.36	U	0.36	0.014	mg/Kg	☼	10/10/25 06:36	10/10/25 12:35	1
4-Chloro-3-methylphenol	0.36	U	0.36	0.020	mg/Kg	☼	10/10/25 06:36	10/10/25 12:35	1
4-Chloroaniline	0.36	U	0.36	0.063	mg/Kg	☼	10/10/25 06:36	10/10/25 12:35	1
4-Chlorophenyl phenyl ether	0.36	U	0.36	0.013	mg/Kg	☼	10/10/25 06:36	10/10/25 12:35	1
4-Methylphenol	0.36	U	0.36	0.022	mg/Kg	☼	10/10/25 06:36	10/10/25 12:35	1
4-Nitroaniline	0.36	U	0.36	0.091	mg/Kg	☼	10/10/25 06:36	10/10/25 12:35	1
4-Nitrophenol	0.72	U	0.72	0.058	mg/Kg	☼	10/10/25 06:36	10/10/25 12:35	1
Acenaphthene	0.36	U	0.36	0.010	mg/Kg	☼	10/10/25 06:36	10/10/25 12:35	1
Acenaphthylene	0.36	U	0.36	0.010	mg/Kg	☼	10/10/25 06:36	10/10/25 12:35	1
Acetophenone	0.36	U	0.36	0.018	mg/Kg	☼	10/10/25 06:36	10/10/25 12:35	1
Anthracene	0.36	U	0.36	0.011	mg/Kg	☼	10/10/25 06:36	10/10/25 12:35	1
Atrazine	0.14	U	0.14	0.021	mg/Kg	☼	10/10/25 06:36	10/10/25 12:35	1
Benzaldehyde	0.36	U	0.36	0.059	mg/Kg	☼	10/10/25 06:36	10/10/25 12:35	1
Benzo[a]anthracene	0.036	U	0.036	0.027	mg/Kg	☼	10/10/25 06:36	10/10/25 12:35	1
Benzo[a]pyrene	0.036	U	0.036	0.0095	mg/Kg	☼	10/10/25 06:36	10/10/25 12:35	1
Benzo[b]fluoranthene	0.036	U	0.036	0.0092	mg/Kg	☼	10/10/25 06:36	10/10/25 12:35	1
Benzo[g,h,i]perylene	0.36	U	0.36	0.011	mg/Kg	☼	10/10/25 06:36	10/10/25 12:35	1
Benzo[k]fluoranthene	0.036	U	0.036	0.0070	mg/Kg	☼	10/10/25 06:36	10/10/25 12:35	1
Bis(2-chloroethoxy)methane	0.36	U	0.36	0.066	mg/Kg	☼	10/10/25 06:36	10/10/25 12:35	1
Bis(2-chloroethyl)ether	0.036	U	0.036	0.012	mg/Kg	☼	10/10/25 06:36	10/10/25 12:35	1
Bis(2-ethylhexyl) phthalate	0.36	U	0.36	0.019	mg/Kg	☼	10/10/25 06:36	10/10/25 12:35	1
Butyl benzyl phthalate	0.36	U	0.36	0.017	mg/Kg	☼	10/10/25 06:36	10/10/25 12:35	1
Caprolactam	0.36	U	0.36	0.056	mg/Kg	☼	10/10/25 06:36	10/10/25 12:35	1
Carbazole	0.36	U	0.36	0.014	mg/Kg	☼	10/10/25 06:36	10/10/25 12:35	1
Chrysene	0.36	U	0.36	0.015	mg/Kg	☼	10/10/25 06:36	10/10/25 12:35	1
Dibenz(a,h)anthracene	0.036	U	0.036	0.015	mg/Kg	☼	10/10/25 06:36	10/10/25 12:35	1
Dibenzofuran	0.36	U	0.36	0.012	mg/Kg	☼	10/10/25 06:36	10/10/25 12:35	1

Client Sample ID: 49C_0-5

Date Collected: 10/08/25 08:00
Date Received: 10/08/25 17:00

Lab Sample ID: 460-336761-1

Matrix: Solid
Percent Solids: 92.5

Method: SW846 8270E - Semivolatile Organic Compounds (GC/MS) (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Diethyl phthalate	0.36	U	0.36	0.012	mg/Kg	☼	10/10/25 06:36	10/10/25 12:35	1
Dimethyl phthalate	0.36	U	0.36	0.081	mg/Kg	☼	10/10/25 06:36	10/10/25 12:35	1
Di-n-butyl phthalate	0.36	U	0.36	0.013	mg/Kg	☼	10/10/25 06:36	10/10/25 12:35	1
Di-n-octyl phthalate	0.36	U	0.36	0.019	mg/Kg	☼	10/10/25 06:36	10/10/25 12:35	1
Fluoranthene	0.36	U	0.36	0.012	mg/Kg	☼	10/10/25 06:36	10/10/25 12:35	1
Fluorene	0.36	U	0.36	0.010	mg/Kg	☼	10/10/25 06:36	10/10/25 12:35	1
Hexachlorobenzene	0.036	U	0.036	0.017	mg/Kg	☼	10/10/25 06:36	10/10/25 12:35	1
Hexachlorobutadiene	0.072	U	0.072	0.0076	mg/Kg	☼	10/10/25 06:36	10/10/25 12:35	1
Hexachlorocyclopentadiene	0.36	U	0.36	0.031	mg/Kg	☼	10/10/25 06:36	10/10/25 12:35	1
Hexachloroethane	0.036	U	0.036	0.012	mg/Kg	☼	10/10/25 06:36	10/10/25 12:35	1
Indeno[1,2,3-cd]pyrene	0.036	U	0.036	0.014	mg/Kg	☼	10/10/25 06:36	10/10/25 12:35	1
Isophorone	0.14	U	0.14	0.10	mg/Kg	☼	10/10/25 06:36	10/10/25 12:35	1
Naphthalene	0.36	U	0.36	0.0062	mg/Kg	☼	10/10/25 06:36	10/10/25 12:35	1
Nitrobenzene	0.036	U	0.036	0.020	mg/Kg	☼	10/10/25 06:36	10/10/25 12:35	1
N-Nitrosodi-n-propylamine	0.036	U	0.036	0.026	mg/Kg	☼	10/10/25 06:36	10/10/25 12:35	1
N-Nitrosodiphenylamine	0.36	U	0.36	0.029	mg/Kg	☼	10/10/25 06:36	10/10/25 12:35	1
Pentachlorophenol	0.29	U	0.29	0.073	mg/Kg	☼	10/10/25 06:36	10/10/25 12:35	1
Phenanthrene	0.36	U	0.36	0.015	mg/Kg	☼	10/10/25 06:36	10/10/25 12:35	1
Phenol	0.36	U	0.36	0.013	mg/Kg	☼	10/10/25 06:36	10/10/25 12:35	1
Pyrene	0.36	U	0.36	0.0089	mg/Kg	☼	10/10/25 06:36	10/10/25 12:35	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
2,4,6-Tribromophenol (Surr)	*78*		*18 - 137*	*10/10/25 06:36*	*10/10/25 12:35*	*1*
2-Fluorobiphenyl	*69*		*33 - 117*	*10/10/25 06:36*	*10/10/25 12:35*	*1*
2-Fluorophenol (Surr)	*75*		*24 - 120*	*10/10/25 06:36*	*10/10/25 12:35*	*1*
Nitrobenzene-d5 (Surr)	*71*		*27 - 120*	*10/10/25 06:36*	*10/10/25 12:35*	*1*
Phenol-d5 (Surr)	*70*		*28 - 118*	*10/10/25 06:36*	*10/10/25 12:35*	*1*
Terphenyl-d14 (Surr)	*77*		*33 - 124*	*10/10/25 06:36*	*10/10/25 12:35*	*1*

Method: SW846 8081B - Organochlorine Pesticides (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
4,4'-DDD	0.0072	U	0.0072	0.0012	mg/Kg	☼	10/09/25 17:52	10/10/25 14:46	1
4,4'-DDE	0.0072	U	0.0072	0.00085	mg/Kg	☼	10/09/25 17:52	10/10/25 14:46	1
4,4'-DDT	0.0072	U	0.0072	0.0013	mg/Kg	☼	10/09/25 17:52	10/10/25 14:46	1
Aldrin	0.0072	U	0.0072	0.0011	mg/Kg	☼	10/09/25 17:52	10/10/25 14:46	1
alpha-BHC	0.0022	U	0.0022	0.00074	mg/Kg	☼	10/09/25 17:52	10/10/25 14:46	1
beta-BHC	0.0022	U	0.0022	0.00081	mg/Kg	☼	10/09/25 17:52	10/10/25 14:46	1
Chlordane (technical)	0.072	U	0.072	0.018	mg/Kg	☼	10/09/25 17:52	10/10/25 14:46	1
cis-Chlordane	0.0072	U	0.0072	0.0011	mg/Kg	☼	10/09/25 17:52	10/10/25 14:46	1
delta-BHC	0.0022	U	0.0022	0.00044	mg/Kg	☼	10/09/25 17:52	10/10/25 14:46	1
Dieldrin	0.0022	U	0.0022	0.00094	mg/Kg	☼	10/09/25 17:52	10/10/25 14:46	1
Endosulfan I	0.0072	U	0.0072	0.0011	mg/Kg	☼	10/09/25 17:52	10/10/25 14:46	1
Endosulfan II	0.0072	U	0.0072	0.0019	mg/Kg	☼	10/09/25 17:52	10/10/25 14:46	1
Endosulfan sulfate	0.0072	U	0.0072	0.00091	mg/Kg	☼	10/09/25 17:52	10/10/25 14:46	1
Endrin	0.0072	U	0.0072	0.0010	mg/Kg	☼	10/09/25 17:52	10/10/25 14:46	1
Endrin aldehyde	0.0072	U	0.0072	0.0017	mg/Kg	☼	10/09/25 17:52	10/10/25 14:46	1
Endrin ketone	0.0072	U	0.0072	0.0014	mg/Kg	☼	10/09/25 17:52	10/10/25 14:46	1
gamma-BHC (Lindane)	0.0022	U	0.0022	0.00067	mg/Kg	☼	10/09/25 17:52	10/10/25 14:46	1
Heptachlor	0.0072	U	0.0072	0.00085	mg/Kg	☼	10/09/25 17:52	10/10/25 14:46	1
Heptachlor epoxide	0.0072	U	0.0072	0.0011	mg/Kg	☼	10/09/25 17:52	10/10/25 14:46	1

Client Sample ID: 49C_0-5
Date Collected: 10/08/25 08:00
Date Received: 10/08/25 17:00

Lab Sample ID: 460-336761-1
Matrix: Solid
Percent Solids: 92.5

Method: SW846 8081B - Organochlorine Pesticides (GC) (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Methoxychlor	0.0072	U	0.0072	0.0017	mg/Kg	☼	10/09/25 17:52	10/10/25 14:46	1
Toxaphene	0.072	U	0.072	0.026	mg/Kg	☼	10/09/25 17:52	10/10/25 14:46	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
DCB Decachlorobiphenyl	*98*		*10 - 150*	*10/09/25 17:52*	*10/10/25 14:46*	*1*
DCB Decachlorobiphenyl	*105*		*10 - 150*	*10/09/25 17:52*	*10/10/25 14:46*	*1*
Tetrachloro-m-xylene	*101*		*14 - 150*	*10/09/25 17:52*	*10/10/25 14:46*	*1*
Tetrachloro-m-xylene	*85*		*14 - 150*	*10/09/25 17:52*	*10/10/25 14:46*	*1*

Method: SW846 8082A - Polychlorinated Biphenyls (PCBs) by Gas Chromatography

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Aroclor 1016	0.072	U	0.072	0.019	mg/Kg	☼	10/09/25 17:24	10/10/25 20:03	1
Aroclor 1221	0.072	U	0.072	0.019	mg/Kg	☼	10/09/25 17:24	10/10/25 20:03	1
Aroclor 1232	0.072	U	0.072	0.019	mg/Kg	☼	10/09/25 17:24	10/10/25 20:03	1
Aroclor 1242	0.072	U	0.072	0.019	mg/Kg	☼	10/09/25 17:24	10/10/25 20:03	1
Aroclor 1248	0.072	U	0.072	0.019	mg/Kg	☼	10/09/25 17:24	10/10/25 20:03	1
Aroclor 1254	0.072	U	0.072	0.019	mg/Kg	☼	10/09/25 17:24	10/10/25 20:03	1
Aroclor 1260	0.072	U	0.072	0.019	mg/Kg	☼	10/09/25 17:24	10/10/25 20:03	1
Aroclor-1262	0.072	U	0.072	0.019	mg/Kg	☼	10/09/25 17:24	10/10/25 20:03	1
Aroclor 1268	0.072	U	0.072	0.019	mg/Kg	☼	10/09/25 17:24	10/10/25 20:03	1
Polychlorinated biphenyls, Total	0.072	U	0.072	0.019	mg/Kg	☼	10/09/25 17:24	10/10/25 20:03	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
DCB Decachlorobiphenyl	*105*		*10 - 150*	*10/09/25 17:24*	*10/10/25 20:03*	*1*
DCB Decachlorobiphenyl	*113*		*10 - 150*	*10/09/25 17:24*	*10/10/25 20:03*	*1*
Tetrachloro-m-xylene	*90*		*10 - 150*	*10/09/25 17:24*	*10/10/25 20:03*	*1*
Tetrachloro-m-xylene	*94*		*10 - 150*	*10/09/25 17:24*	*10/10/25 20:03*	*1*

Method: EPA 1633A - Per- and Polyfluoroalkyl Substances by LC/MS/MS, 1633A

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Perfluorobutanoic acid (PFBA)	0.39	U	0.39	0.097	ug/Kg	☼	10/15/25 14:07	10/17/25 11:45	1
Perfluoropentanoic acid (PFPeA)	0.19	U	0.19	0.097	ug/Kg	☼	10/15/25 14:07	10/17/25 11:45	1
Perfluorohexanoic acid (PFHxA)	0.19	U	0.19	0.097	ug/Kg	☼	10/15/25 14:07	10/17/25 11:45	1
Perfluoroheptanoic acid (PFHpA)	0.19	U	0.19	0.097	ug/Kg	☼	10/15/25 14:07	10/17/25 11:45	1
Perfluorooctanoic acid (PFOA)	**0.072**	**J**	0.19	0.058	ug/Kg	☼	10/15/25 14:07	10/17/25 11:45	1
Perfluorononanoic acid (PFNA)	**0.21**	**I**	0.19	0.097	ug/Kg	☼	10/15/25 14:07	10/17/25 11:45	1
Perfluorodecanoic acid (PFDA)	**0.40**		0.19	0.058	ug/Kg	☼	10/15/25 14:07	10/17/25 11:45	1
Perfluoroundecanoic acid (PFUnA)	**0.61**		0.19	0.097	ug/Kg	☼	10/15/25 14:07	10/17/25 11:45	1
Perfluorododecanoic acid (PFDoA)	**0.24**		0.19	0.097	ug/Kg	☼	10/15/25 14:07	10/17/25 11:45	1
Perfluorotridecanoic acid (PFTrDA)	**0.30**		0.19	0.097	ug/Kg	☼	10/15/25 14:07	10/17/25 11:45	1
Perfluorotetradecanoic acid (PFTeDA)	0.19	U	0.19	0.097	ug/Kg	☼	10/15/25 14:07	10/17/25 11:45	1
Perfluorobutanesulfonic acid (PFBS)	0.19	U	0.19	0.097	ug/Kg	☼	10/15/25 14:07	10/17/25 11:45	1
Perfluoropentanesulfonic acid (PFPeS)	0.19	U	0.19	0.097	ug/Kg	☼	10/15/25 14:07	10/17/25 11:45	1
Perfluorohexanesulfonic acid (PFHxS)	0.19	U	0.19	0.097	ug/Kg	☼	10/15/25 14:07	10/17/25 11:45	1
Perfluoroheptanesulfonic acid (PFHpS)	0.19	U	0.19	0.097	ug/Kg	☼	10/15/25 14:07	10/17/25 11:45	1
Perfluorooctanesulfonic acid (PFOS)	0.19	U	0.19	0.097	ug/Kg	☼	10/15/25 14:07	10/17/25 11:45	1
Perfluorononanesulfonic acid (PFNS)	0.19	U	0.19	0.097	ug/Kg	☼	10/15/25 14:07	10/17/25 11:45	1

Client Sample ID: 49C_0-5
Date Collected: 10/08/25 08:00
Date Received: 10/08/25 17:00

Lab Sample ID: 460-336761-1
Matrix: Solid
Percent Solids: 92.5

Method: EPA 1633A - Per- and Polyfluoroalkyl Substances by LC/MS/MS, 1633A (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Perfluorodecanesulfonic acid (PFDS)	0.19	U	0.19	0.097	ug/Kg	☼	10/15/25 14:07	10/17/25 11:45	1
Perfluorododecanesulfonic acid (PFDoS)	0.19	U	0.19	0.097	ug/Kg	☼	10/15/25 14:07	10/17/25 11:45	1
1H,1H,2H,2H-Perfluorohexane sulfonic acid (4:2 FTS)	0.39	U	0.39	0.19	ug/Kg	☼	10/15/25 14:07	10/17/25 11:45	1
1H,1H,2H,2H-Perfluorooctane sulfonic acid (6:2 FTS)	0.39	U	0.39	0.19	ug/Kg	☼	10/15/25 14:07	10/17/25 11:45	1
1H,1H,2H,2H-Perfluorodecane sulfonic acid (8:2 FTS)	0.39	U	0.39	0.19	ug/Kg	☼	10/15/25 14:07	10/17/25 11:45	1
Perfluorooctanesulfonamide (PFOSA)	0.19	U	0.19	0.097	ug/Kg	☼	10/15/25 14:07	10/17/25 11:45	1
N-methylperfluorooctane sulfonamide (NMeFOSA)	0.19	U	0.19	0.097	ug/Kg	☼	10/15/25 14:07	10/17/25 11:45	1
N-ethylperfluorooctane sulfonamide (NEtFOSA)	0.19	U	0.19	0.097	ug/Kg	☼	10/15/25 14:07	10/17/25 11:45	1
N-methylperfluorooctanesulfonamidoacetic acid (NMeFOSAA)	0.19	U	0.19	0.097	ug/Kg	☼	10/15/25 14:07	10/17/25 11:45	1
N-ethylperfluorooctanesulfonamidoacetic acid (NEtFOSAA)	0.19	U	0.19	0.097	ug/Kg	☼	10/15/25 14:07	10/17/25 11:45	1
N-methylperfluorooctane sulfonamidoethanol (NMeFOSE)	0.97	U	0.97	0.48	ug/Kg	☼	10/15/25 14:07	10/17/25 11:45	1
N-ethylperfluorooctane sulfonamidoethanol (NEtFOSE)	0.97	U	0.97	0.48	ug/Kg	☼	10/15/25 14:07	10/17/25 11:45	1
Hexafluoropropylene Oxide Dimer Acid (HFPO-DA)	0.19	U	0.19	0.097	ug/Kg	☼	10/15/25 14:07	10/17/25 11:45	1
4,8-Dioxa-3H-perfluorononanoic acid (ADONA)	0.19	U	0.19	0.097	ug/Kg	☼	10/15/25 14:07	10/17/25 11:45	1
Perfluoro-3-methoxypropanoic acid (PFMPA)	0.19	U	0.19	0.097	ug/Kg	☼	10/15/25 14:07	10/17/25 11:45	1
Perfluoro-4-methoxybutanoic acid (PFMBA)	0.19	U	0.19	0.097	ug/Kg	☼	10/15/25 14:07	10/17/25 11:45	1
Nonafluoro-3,6-dioxaheptanoic acid (NFDHA)	0.19	U	0.19	0.097	ug/Kg	☼	10/15/25 14:07	10/17/25 11:45	1
9-Chlorohexadecafluoro-3-oxanonane-1-sulfonic acid (9Cl-PF3ONS)	0.19	U	0.19	0.097	ug/Kg	☼	10/15/25 14:07	10/17/25 11:45	1
11-Chloroeicosafluoro-3-oxaundecane-1-sulfonic acid (11Cl-PF3OUdS)	0.19	U	0.19	0.097	ug/Kg	☼	10/15/25 14:07	10/17/25 11:45	1
Perfluoro (2-ethoxyethane) sulfonic acid (PFEESA)	0.19	U	0.19	0.097	ug/Kg	☼	10/15/25 14:07	10/17/25 11:45	1
3-Perfluoropropylpropanoic acid (3:3 FTCA)	0.39	U	0.39	0.19	ug/Kg	☼	10/15/25 14:07	10/17/25 11:45	1
3-Perfluoropentylpropanoic acid (5:3 FTCA)	0.97	U	0.97	0.48	ug/Kg	☼	10/15/25 14:07	10/17/25 11:45	1
3-Perfluoroheptylpropanoic acid (7:3 FTCA)	0.97	U	0.97	0.48	ug/Kg	☼	10/15/25 14:07	10/17/25 11:45	1

Isotope Dilution	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
13C4 PFBA	*83.4*		*8 - 130*	*10/15/25 14:07*	*10/17/25 11:45*	*1*
13C5 PFPeA	*92.4*		*35 - 130*	*10/15/25 14:07*	*10/17/25 11:45*	*1*
13C5 PFHxA	*83.8*		*40 - 130*	*10/15/25 14:07*	*10/17/25 11:45*	*1*
13C4 PFHpA	*91.9*		*40 - 130*	*10/15/25 14:07*	*10/17/25 11:45*	*1*
13C8 PFOA	*83.6*		*40 - 130*	*10/15/25 14:07*	*10/17/25 11:45*	*1*
13C9 PFNA	*91.2*		*40 - 130*	*10/15/25 14:07*	*10/17/25 11:45*	*1*
13C6 PFDA	*82.6*		*40 - 130*	*10/15/25 14:07*	*10/17/25 11:45*	*1*
13C7 PFUnA	*77.7*		*40 - 130*	*10/15/25 14:07*	*10/17/25 11:45*	*1*
13C2 PFTeDA	*62.3*		*20 - 130*	*10/15/25 14:07*	*10/17/25 11:45*	*1*

Client Sample ID: 49C_0-5

Date Collected: 10/08/25 08:00
Date Received: 10/08/25 17:00

Lab Sample ID: 460-336761-1

Matrix: Solid
Percent Solids: 92.5

Method: EPA 1633A - Per- and Polyfluoroalkyl Substances by LC/MS/MS, 1633A (Continued)

Isotope Dilution	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
13C3 PFBS	82.0		40 - 135	10/15/25 14:07	10/17/25 11:45	1
13C3 PFHxS	87.4		40 - 130	10/15/25 14:07	10/17/25 11:45	1
13C8 PFOS	85.5		40 - 130	10/15/25 14:07	10/17/25 11:45	1
13C8 FOSA	82.9		40 - 130	10/15/25 14:07	10/17/25 11:45	1
d3-NMeFOSAA	71.8		40 - 135	10/15/25 14:07	10/17/25 11:45	1
d5-NEtFOSAA	67.8		40 - 150	10/15/25 14:07	10/17/25 11:45	1
13C2 4:2 FTS	92.5		40 - 165	10/15/25 14:07	10/17/25 11:45	1
13C2 6:2 FTS	84.8		40 - 215	10/15/25 14:07	10/17/25 11:45	1
13C2 8:2 FTS	88.2		40 - 275	10/15/25 14:07	10/17/25 11:45	1
13C3 HFPO-DA	87.8		40 - 130	10/15/25 14:07	10/17/25 11:45	1
d7-N-MeFOSE-M	49.4		20 - 130	10/15/25 14:07	10/17/25 11:45	1
d9-N-EtFOSE-M	43.0		15 - 130	10/15/25 14:07	10/17/25 11:45	1
d5-NEtPFOSA	61.0		10 - 130	10/15/25 14:07	10/17/25 11:45	1
d3-NMePFOSA	62.9		10 - 130	10/15/25 14:07	10/17/25 11:45	1
13C2 PFDoA	66.6		40 - 130	10/15/25 14:07	10/17/25 11:45	1

Method: SW846 6020B - Metals (ICP/MS)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Aluminum	3320		21.6	5.9	mg/Kg	☼	10/15/25 11:04	10/15/25 16:32	1
Antimony	1.3		1.1	0.16	mg/Kg	☼	10/15/25 11:04	10/15/25 16:32	1
Arsenic	6.7		1.1	0.11	mg/Kg	☼	10/15/25 11:04	10/15/25 16:32	1
Barium	21.8		2.2	0.16	mg/Kg	☼	10/15/25 11:04	10/15/25 16:32	1
Beryllium	0.57		0.43	0.024	mg/Kg	☼	10/15/25 11:04	10/15/25 16:32	1
Cadmium	1.1	U	1.1	0.12	mg/Kg	☼	10/15/25 11:04	10/15/25 16:32	1
Calcium	513		108	10.5	mg/Kg	☼	10/15/25 11:04	10/15/25 16:32	1
Chromium	12.7		2.2	0.32	mg/Kg	☼	10/15/25 11:04	10/15/25 16:32	1
Cobalt	8.0		1.1	0.16	mg/Kg	☼	10/15/25 11:04	10/15/25 16:32	1
Copper	86.4		2.2	0.40	mg/Kg	☼	10/15/25 11:04	10/15/25 16:32	1
Iron	13800		64.9	8.3	mg/Kg	☼	10/15/25 11:04	10/15/25 16:32	1
Lead	89.1		0.65	0.22	mg/Kg	☼	10/15/25 11:04	10/15/25 16:32	1
Magnesium	708		108	11.0	mg/Kg	☼	10/15/25 11:04	10/15/25 16:32	1
Manganese	93.2		4.3	0.44	mg/Kg	☼	10/15/25 11:04	10/15/25 16:32	1
Nickel	48.8		2.2	0.19	mg/Kg	☼	10/15/25 11:04	10/15/25 16:32	1
Potassium	526		108	17.5	mg/Kg	☼	10/15/25 11:04	10/15/25 16:32	1
Selenium	0.65	J	1.4	0.14	mg/Kg	☼	10/15/25 11:04	10/15/25 16:32	1
Silver	0.21	J	0.43	0.096	mg/Kg	☼	10/15/25 11:04	10/15/25 16:32	1
Sodium	52.9	J	108	49.4	mg/Kg	☼	10/15/25 11:04	10/15/25 16:32	1
Thallium	0.43	U	0.43	0.044	mg/Kg	☼	10/15/25 11:04	10/15/25 16:32	1
Vanadium	16.7		2.2	0.22	mg/Kg	☼	10/15/25 11:04	10/15/25 16:32	1
Zinc	218		8.7	1.2	mg/Kg	☼	10/15/25 11:04	10/15/25 16:32	1

Method: SW846 7471B - Mercury (CVAA)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	0.023		0.018	0.0087	mg/Kg	☼	10/17/25 05:53	10/17/25 12:07	1

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Percent Moisture (EPA Moisture)	7.5		1.0	1.0	%			10/09/25 15:51	1
Percent Solids (EPA Moisture)	92.5		1.0	1.0	%			10/09/25 15:51	1

Client Sample ID: 49C_5-10
Date Collected: 10/08/25 08:05
Date Received: 10/08/25 17:00

Lab Sample ID: 460-336761-2
Matrix: Solid
Percent Solids: 92.6

Method: SW846 8270E - Semivolatile Organic Compounds (GC/MS)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1'-Biphenyl	0.36	U	0.36	0.012	mg/Kg	☼	10/10/25 06:36	10/10/25 12:53	1
1,2,4,5-Tetrachlorobenzene	0.36	U	0.36	0.011	mg/Kg	☼	10/10/25 06:36	10/10/25 12:53	1
1,4-Dioxane	0.036	U	0.036	0.031	mg/Kg	☼	10/10/25 06:36	10/10/25 12:53	1
2,2'-oxybis[1-chloropropane]	0.36	U	0.36	0.021	mg/Kg	☼	10/10/25 06:36	10/10/25 12:53	1
2,3,4,6-Tetrachlorophenol	0.36	U	0.36	0.024	mg/Kg	☼	10/10/25 06:36	10/10/25 12:53	1
2,4,5-Trichlorophenol	0.36	U	0.36	0.036	mg/Kg	☼	10/10/25 06:36	10/10/25 12:53	1
2,4,6-Trichlorophenol	0.14	U	0.14	0.046	mg/Kg	☼	10/10/25 06:36	10/10/25 12:53	1
2,4-Dichlorophenol	0.14	U	0.14	0.023	mg/Kg	☼	10/10/25 06:36	10/10/25 12:53	1
2,4-Dimethylphenol	0.36	U	0.36	0.043	mg/Kg	☼	10/10/25 06:36	10/10/25 12:53	1
2,4-Dinitrophenol	0.29	U	0.29	0.18	mg/Kg	☼	10/10/25 06:36	10/10/25 12:53	1
2,4-Dinitrotoluene	0.072	U	0.072	0.038	mg/Kg	☼	10/10/25 06:36	10/10/25 12:53	1
2,6-Dinitrotoluene	0.072	U	0.072	0.026	mg/Kg	☼	10/10/25 06:36	10/10/25 12:53	1
2-Chloronaphthalene	0.36	U	0.36	0.046	mg/Kg	☼	10/10/25 06:36	10/10/25 12:53	1
2-Chlorophenol	0.36	U	0.36	0.013	mg/Kg	☼	10/10/25 06:36	10/10/25 12:53	1
2-Methylnaphthalene	0.36	U	0.36	0.010	mg/Kg	☼	10/10/25 06:36	10/10/25 12:53	1
2-Methylphenol	0.36	U	0.36	0.013	mg/Kg	☼	10/10/25 06:36	10/10/25 12:53	1
2-Nitroaniline	0.36	U	0.36	0.027	mg/Kg	☼	10/10/25 06:36	10/10/25 12:53	1
2-Nitrophenol	0.36	U	0.36	0.036	mg/Kg	☼	10/10/25 06:36	10/10/25 12:53	1
3 & 4 Methylphenol	0.36	U	0.36	0.022	mg/Kg	☼	10/10/25 06:36	10/10/25 12:53	1
3,3'-Dichlorobenzidine	0.14	U	0.14	0.054	mg/Kg	☼	10/10/25 06:36	10/10/25 12:53	1
3-Nitroaniline	0.36	U	0.36	0.085	mg/Kg	☼	10/10/25 06:36	10/10/25 12:53	1
4,6-Dinitro-2-methylphenol	0.29	U	0.29	0.15	mg/Kg	☼	10/10/25 06:36	10/10/25 12:53	1
4-Bromophenyl phenyl ether	0.36	U	0.36	0.014	mg/Kg	☼	10/10/25 06:36	10/10/25 12:53	1
4-Chloro-3-methylphenol	0.36	U	0.36	0.020	mg/Kg	☼	10/10/25 06:36	10/10/25 12:53	1
4-Chloroaniline	0.36	U	0.36	0.063	mg/Kg	☼	10/10/25 06:36	10/10/25 12:53	1
4-Chlorophenyl phenyl ether	0.36	U	0.36	0.013	mg/Kg	☼	10/10/25 06:36	10/10/25 12:53	1
4-Methylphenol	0.36	U	0.36	0.022	mg/Kg	☼	10/10/25 06:36	10/10/25 12:53	1
4-Nitroaniline	0.36	U	0.36	0.091	mg/Kg	☼	10/10/25 06:36	10/10/25 12:53	1
4-Nitrophenol	0.72	U	0.72	0.058	mg/Kg	☼	10/10/25 06:36	10/10/25 12:53	1
Acenaphthene	0.36	U	0.36	0.010	mg/Kg	☼	10/10/25 06:36	10/10/25 12:53	1
Acenaphthylene	0.36	U	0.36	0.010	mg/Kg	☼	10/10/25 06:36	10/10/25 12:53	1
Acetophenone	0.36	U	0.36	0.018	mg/Kg	☼	10/10/25 06:36	10/10/25 12:53	1
Anthracene	0.36	U	0.36	0.011	mg/Kg	☼	10/10/25 06:36	10/10/25 12:53	1
Atrazine	0.14	U	0.14	0.021	mg/Kg	☼	10/10/25 06:36	10/10/25 12:53	1
Benzaldehyde	0.36	U	0.36	0.059	mg/Kg	☼	10/10/25 06:36	10/10/25 12:53	1
Benzo[a]anthracene	0.036	U	0.036	0.027	mg/Kg	☼	10/10/25 06:36	10/10/25 12:53	1
Benzo[a]pyrene	0.036	U	0.036	0.0095	mg/Kg	☼	10/10/25 06:36	10/10/25 12:53	1
Benzo[b]fluoranthene	0.036	U	0.036	0.0092	mg/Kg	☼	10/10/25 06:36	10/10/25 12:53	1
Benzo[g,h,i]perylene	0.36	U	0.36	0.011	mg/Kg	☼	10/10/25 06:36	10/10/25 12:53	1
Benzo[k]fluoranthene	0.036	U	0.036	0.0070	mg/Kg	☼	10/10/25 06:36	10/10/25 12:53	1
Bis(2-chloroethoxy)methane	0.36	U	0.36	0.066	mg/Kg	☼	10/10/25 06:36	10/10/25 12:53	1
Bis(2-chloroethyl)ether	0.036	U	0.036	0.012	mg/Kg	☼	10/10/25 06:36	10/10/25 12:53	1
Bis(2-ethylhexyl) phthalate	0.36	U	0.36	0.019	mg/Kg	☼	10/10/25 06:36	10/10/25 12:53	1
Butyl benzyl phthalate	0.36	U	0.36	0.017	mg/Kg	☼	10/10/25 06:36	10/10/25 12:53	1
Caprolactam	0.36	U	0.36	0.056	mg/Kg	☼	10/10/25 06:36	10/10/25 12:53	1
Carbazole	0.36	U	0.36	0.014	mg/Kg	☼	10/10/25 06:36	10/10/25 12:53	1
Chrysene	0.36	U	0.36	0.015	mg/Kg	☼	10/10/25 06:36	10/10/25 12:53	1
Dibenz(a,h)anthracene	0.036	U	0.036	0.015	mg/Kg	☼	10/10/25 06:36	10/10/25 12:53	1
Dibenzofuran	0.36	U	0.36	0.012	mg/Kg	☼	10/10/25 06:36	10/10/25 12:53	1

Client Sample ID: 49C_5-10
Date Collected: 10/08/25 08:05
Date Received: 10/08/25 17:00

Lab Sample ID: 460-336761-2
Matrix: Solid
Percent Solids: 92.6

Method: SW846 8270E - Semivolatile Organic Compounds (GC/MS) (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Diethyl phthalate	0.36	U	0.36	0.012	mg/Kg	☼	10/10/25 06:36	10/10/25 12:53	1
Dimethyl phthalate	0.36	U	0.36	0.081	mg/Kg	☼	10/10/25 06:36	10/10/25 12:53	1
Di-n-butyl phthalate	0.36	U	0.36	0.013	mg/Kg	☼	10/10/25 06:36	10/10/25 12:53	1
Di-n-octyl phthalate	0.36	U	0.36	0.019	mg/Kg	☼	10/10/25 06:36	10/10/25 12:53	1
Fluoranthene	0.36	U	0.36	0.012	mg/Kg	☼	10/10/25 06:36	10/10/25 12:53	1
Fluorene	0.36	U	0.36	0.010	mg/Kg	☼	10/10/25 06:36	10/10/25 12:53	1
Hexachlorobenzene	0.036	U	0.036	0.017	mg/Kg	☼	10/10/25 06:36	10/10/25 12:53	1
Hexachlorobutadiene	0.072	U	0.072	0.0076	mg/Kg	☼	10/10/25 06:36	10/10/25 12:53	1
Hexachlorocyclopentadiene	0.36	U	0.36	0.031	mg/Kg	☼	10/10/25 06:36	10/10/25 12:53	1
Hexachloroethane	0.036	U	0.036	0.012	mg/Kg	☼	10/10/25 06:36	10/10/25 12:53	1
Indeno[1,2,3-cd]pyrene	0.036	U	0.036	0.014	mg/Kg	☼	10/10/25 06:36	10/10/25 12:53	1
Isophorone	0.14	U	0.14	0.10	mg/Kg	☼	10/10/25 06:36	10/10/25 12:53	1
Naphthalene	0.36	U	0.36	0.0062	mg/Kg	☼	10/10/25 06:36	10/10/25 12:53	1
Nitrobenzene	0.036	U	0.036	0.020	mg/Kg	☼	10/10/25 06:36	10/10/25 12:53	1
N-Nitrosodi-n-propylamine	0.036	U	0.036	0.026	mg/Kg	☼	10/10/25 06:36	10/10/25 12:53	1
N-Nitrosodiphenylamine	0.36	U	0.36	0.029	mg/Kg	☼	10/10/25 06:36	10/10/25 12:53	1
Pentachlorophenol	0.29	U	0.29	0.073	mg/Kg	☼	10/10/25 06:36	10/10/25 12:53	1
Phenanthrene	0.36	U	0.36	0.015	mg/Kg	☼	10/10/25 06:36	10/10/25 12:53	1
Phenol	0.36	U	0.36	0.013	mg/Kg	☼	10/10/25 06:36	10/10/25 12:53	1
Pyrene	0.36	U	0.36	0.0089	mg/Kg	☼	10/10/25 06:36	10/10/25 12:53	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
2,4,6-Tribromophenol (Surr)	*76*		*18 - 137*	*10/10/25 06:36*	*10/10/25 12:53*	*1*
2-Fluorobiphenyl	*68*		*33 - 117*	*10/10/25 06:36*	*10/10/25 12:53*	*1*
2-Fluorophenol (Surr)	*73*		*24 - 120*	*10/10/25 06:36*	*10/10/25 12:53*	*1*
Nitrobenzene-d5 (Surr)	*68*		*27 - 120*	*10/10/25 06:36*	*10/10/25 12:53*	*1*
Phenol-d5 (Surr)	*69*		*28 - 118*	*10/10/25 06:36*	*10/10/25 12:53*	*1*
Terphenyl-d14 (Surr)	*75*		*33 - 124*	*10/10/25 06:36*	*10/10/25 12:53*	*1*

Method: SW846 8081B - Organochlorine Pesticides (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
4,4'-DDD	0.0072	U	0.0072	0.0012	mg/Kg	☼	10/09/25 17:52	10/10/25 15:26	1
4,4'-DDE	0.0072	U	0.0072	0.00085	mg/Kg	☼	10/09/25 17:52	10/10/25 15:26	1
4,4'-DDT	0.0072	U	0.0072	0.0013	mg/Kg	☼	10/09/25 17:52	10/10/25 15:26	1
Aldrin	0.0072	U	0.0072	0.0011	mg/Kg	☼	10/09/25 17:52	10/10/25 15:26	1
alpha-BHC	0.0022	U	0.0022	0.00073	mg/Kg	☼	10/09/25 17:52	10/10/25 15:26	1
beta-BHC	0.0022	U	0.0022	0.00081	mg/Kg	☼	10/09/25 17:52	10/10/25 15:26	1
Chlordane (technical)	0.072	U	0.072	0.017	mg/Kg	☼	10/09/25 17:52	10/10/25 15:26	1
cis-Chlordane	0.0072	U	0.0072	0.0011	mg/Kg	☼	10/09/25 17:52	10/10/25 15:26	1
delta-BHC	0.0022	U	0.0022	0.00044	mg/Kg	☼	10/09/25 17:52	10/10/25 15:26	1
Dieldrin	0.0022	U	0.0022	0.00094	mg/Kg	☼	10/09/25 17:52	10/10/25 15:26	1
Endosulfan I	0.0072	U	0.0072	0.0011	mg/Kg	☼	10/09/25 17:52	10/10/25 15:26	1
Endosulfan II	0.0072	U	0.0072	0.0019	mg/Kg	☼	10/09/25 17:52	10/10/25 15:26	1
Endosulfan sulfate	0.0072	U	0.0072	0.00091	mg/Kg	☼	10/09/25 17:52	10/10/25 15:26	1
Endrin	0.0072	U	0.0072	0.0010	mg/Kg	☼	10/09/25 17:52	10/10/25 15:26	1
Endrin aldehyde	0.0072	U	0.0072	0.0017	mg/Kg	☼	10/09/25 17:52	10/10/25 15:26	1
Endrin ketone	0.0072	U	0.0072	0.0014	mg/Kg	☼	10/09/25 17:52	10/10/25 15:26	1
gamma-BHC (Lindane)	0.0022	U	0.0022	0.00067	mg/Kg	☼	10/09/25 17:52	10/10/25 15:26	1
Heptachlor	0.0072	U	0.0072	0.00085	mg/Kg	☼	10/09/25 17:52	10/10/25 15:26	1
Heptachlor epoxide	0.0072	U	0.0072	0.0011	mg/Kg	☼	10/09/25 17:52	10/10/25 15:26	1

Client Sample ID: 49C_5-10
Date Collected: 10/08/25 08:05
Date Received: 10/08/25 17:00

Lab Sample ID: 460-336761-2
Matrix: Solid
Percent Solids: 92.6

Method: SW846 8081B - Organochlorine Pesticides (GC) (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Methoxychlor	0.0072	U	0.0072	0.0017	mg/Kg	☼	10/09/25 17:52	10/10/25 15:26	1
Toxaphene	0.072	U	0.072	0.026	mg/Kg	☼	10/09/25 17:52	10/10/25 15:26	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
DCB Decachlorobiphenyl	*101*		*10 - 150*	*10/09/25 17:52*	*10/10/25 15:26*	*1*
DCB Decachlorobiphenyl	*107*		*10 - 150*	*10/09/25 17:52*	*10/10/25 15:26*	*1*
Tetrachloro-m-xylene	*92*		*14 - 150*	*10/09/25 17:52*	*10/10/25 15:26*	*1*
Tetrachloro-m-xylene	*87*		*14 - 150*	*10/09/25 17:52*	*10/10/25 15:26*	*1*

Method: SW846 8082A - Polychlorinated Biphenyls (PCBs) by Gas Chromatography

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Aroclor 1016	0.072	U	0.072	0.019	mg/Kg	☼	10/09/25 17:24	10/10/25 20:21	1
Aroclor 1221	0.072	U	0.072	0.019	mg/Kg	☼	10/09/25 17:24	10/10/25 20:21	1
Aroclor 1232	0.072	U	0.072	0.019	mg/Kg	☼	10/09/25 17:24	10/10/25 20:21	1
Aroclor 1242	0.072	U	0.072	0.019	mg/Kg	☼	10/09/25 17:24	10/10/25 20:21	1
Aroclor 1248	0.072	U	0.072	0.019	mg/Kg	☼	10/09/25 17:24	10/10/25 20:21	1
Aroclor 1254	0.072	U	0.072	0.019	mg/Kg	☼	10/09/25 17:24	10/10/25 20:21	1
Aroclor 1260	0.072	U	0.072	0.019	mg/Kg	☼	10/09/25 17:24	10/10/25 20:21	1
Aroclor-1262	0.072	U	0.072	0.019	mg/Kg	☼	10/09/25 17:24	10/10/25 20:21	1
Aroclor 1268	0.072	U	0.072	0.019	mg/Kg	☼	10/09/25 17:24	10/10/25 20:21	1
Polychlorinated biphenyls, Total	0.072	U	0.072	0.019	mg/Kg	☼	10/09/25 17:24	10/10/25 20:21	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
DCB Decachlorobiphenyl	*108*		*10 - 150*	*10/09/25 17:24*	*10/10/25 20:21*	*1*
DCB Decachlorobiphenyl	*112*		*10 - 150*	*10/09/25 17:24*	*10/10/25 20:21*	*1*
Tetrachloro-m-xylene	*90*		*10 - 150*	*10/09/25 17:24*	*10/10/25 20:21*	*1*
Tetrachloro-m-xylene	*91*		*10 - 150*	*10/09/25 17:24*	*10/10/25 20:21*	*1*

Method: EPA 1633A - Per- and Polyfluoroalkyl Substances by LC/MS/MS, 1633A

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Perfluorobutanoic acid (PFBA)	0.38	U	0.38	0.096	ug/Kg	☼	10/15/25 14:07	10/17/25 12:00	1
Perfluoropentanoic acid (PFPeA)	0.19	U	0.19	0.096	ug/Kg	☼	10/15/25 14:07	10/17/25 12:00	1
Perfluorohexanoic acid (PFHxA)	0.19	U	0.19	0.096	ug/Kg	☼	10/15/25 14:07	10/17/25 12:00	1
Perfluoroheptanoic acid (PFHpA)	0.19	U	0.19	0.096	ug/Kg	☼	10/15/25 14:07	10/17/25 12:00	1
Perfluorooctanoic acid (PFOA)	0.19	U	0.19	0.057	ug/Kg	☼	10/15/25 14:07	10/17/25 12:00	1
Perfluorononanoic acid (PFNA)	**0.14**	**J**	0.19	0.096	ug/Kg	☼	10/15/25 14:07	10/17/25 12:00	1
Perfluorodecanoic acid (PFDA)	**0.14**	**J**	0.19	0.057	ug/Kg	☼	10/15/25 14:07	10/17/25 12:00	1
Perfluoroundecanoic acid (PFUnA)	**0.70**		0.19	0.096	ug/Kg	☼	10/15/25 14:07	10/17/25 12:00	1
Perfluorododecanoic acid (PFDoA)	**0.34**		0.19	0.096	ug/Kg	☼	10/15/25 14:07	10/17/25 12:00	1
Perfluorotridecanoic acid (PFTrDA)	**0.50**		0.19	0.096	ug/Kg	☼	10/15/25 14:07	10/17/25 12:00	1
Perfluorotetradecanoic acid (PFTeDA)	**0.11**	**J**	0.19	0.096	ug/Kg	☼	10/15/25 14:07	10/17/25 12:00	1
Perfluorobutanesulfonic acid (PFBS)	0.19	U	0.19	0.096	ug/Kg	☼	10/15/25 14:07	10/17/25 12:00	1
Perfluoropentanesulfonic acid (PFPeS)	0.19	U	0.19	0.096	ug/Kg	☼	10/15/25 14:07	10/17/25 12:00	1
Perfluorohexanesulfonic acid (PFHxS)	0.19	U	0.19	0.096	ug/Kg	☼	10/15/25 14:07	10/17/25 12:00	1
Perfluoroheptanesulfonic acid (PFHpS)	0.19	U	0.19	0.096	ug/Kg	☼	10/15/25 14:07	10/17/25 12:00	1
Perfluorooctanesulfonic acid (PFOS)	0.19	U	0.19	0.096	ug/Kg	☼	10/15/25 14:07	10/17/25 12:00	1

Client Sample ID: 49C_5-10
Date Collected: 10/08/25 08:05
Date Received: 10/08/25 17:00

Lab Sample ID: 460-336761-2
Matrix: Solid
Percent Solids: 92.6

Method: EPA 1633A - Per- and Polyfluoroalkyl Substances by LC/MS/MS, 1633A (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Perfluorononanesulfonic acid (PFNS)	0.19	U	0.19	0.096	ug/Kg	☼	10/15/25 14:07	10/17/25 12:00	1
Perfluorodecanesulfonic acid (PFDS)	0.19	U	0.19	0.096	ug/Kg	☼	10/15/25 14:07	10/17/25 12:00	1
Perfluorododecanesulfonic acid (PFDoS)	0.19	U	0.19	0.096	ug/Kg	☼	10/15/25 14:07	10/17/25 12:00	1
1H,1H,2H,2H-Perfluorohexane sulfonic acid (4:2 FTS)	0.38	U	0.38	0.19	ug/Kg	☼	10/15/25 14:07	10/17/25 12:00	1
1H,1H,2H,2H-Perfluorooctane sulfonic acid (6:2 FTS)	0.38	U	0.38	0.19	ug/Kg	☼	10/15/25 14:07	10/17/25 12:00	1
1H,1H,2H,2H-Perfluorodecane sulfonic acid (8:2 FTS)	0.38	U	0.38	0.19	ug/Kg	☼	10/15/25 14:07	10/17/25 12:00	1
Perfluorooctanesulfonamide (PFOSA)	0.19	U	0.19	0.096	ug/Kg	☼	10/15/25 14:07	10/17/25 12:00	1
N-methylperfluorooctane sulfonamide (NMeFOSA)	0.19	U	0.19	0.096	ug/Kg	☼	10/15/25 14:07	10/17/25 12:00	1
N-ethylperfluorooctane sulfonamide (NEtFOSA)	0.19	U	0.19	0.096	ug/Kg	☼	10/15/25 14:07	10/17/25 12:00	1
N-methylperfluorooctanesulfonamidoacetic acid (NMeFOSAA)	0.19	U	0.19	0.096	ug/Kg	☼	10/15/25 14:07	10/17/25 12:00	1
N-ethylperfluorooctanesulfonamidoacetic acid (NEtFOSAA)	0.19	U	0.19	0.096	ug/Kg	☼	10/15/25 14:07	10/17/25 12:00	1
N-methylperfluorooctane sulfonamidoethanol (NMeFOSE)	0.96	U	0.96	0.48	ug/Kg	☼	10/15/25 14:07	10/17/25 12:00	1
N-ethylperfluorooctane sulfonamidoethanol (NEtFOSE)	0.96	U	0.96	0.48	ug/Kg	☼	10/15/25 14:07	10/17/25 12:00	1
Hexafluoropropylene Oxide Dimer Acid (HFPO-DA)	0.19	U	0.19	0.096	ug/Kg	☼	10/15/25 14:07	10/17/25 12:00	1
4,8-Dioxa-3H-perfluorononanoic acid (ADONA)	0.19	U	0.19	0.096	ug/Kg	☼	10/15/25 14:07	10/17/25 12:00	1
Perfluoro-3-methoxypropanoic acid (PFMPA)	0.19	U	0.19	0.096	ug/Kg	☼	10/15/25 14:07	10/17/25 12:00	1
Perfluoro-4-methoxybutanoic acid (PFMBA)	0.19	U	0.19	0.096	ug/Kg	☼	10/15/25 14:07	10/17/25 12:00	1
Nonafluoro-3,6-dioxaheptanoic acid (NFDHA)	0.19	U	0.19	0.096	ug/Kg	☼	10/15/25 14:07	10/17/25 12:00	1
9-Chlorohexadecafluoro-3-oxanonane-1-sulfonic acid (9Cl-PF3ONS)	0.19	U	0.19	0.096	ug/Kg	☼	10/15/25 14:07	10/17/25 12:00	1
11-Chloroeicosafluoro-3-oxaundecane-1-sulfonic acid (11Cl-PF3OUdS)	0.19	U	0.19	0.096	ug/Kg	☼	10/15/25 14:07	10/17/25 12:00	1
Perfluoro (2-ethoxyethane) sulfonic acid (PFEESA)	0.19	U	0.19	0.096	ug/Kg	☼	10/15/25 14:07	10/17/25 12:00	1
3-Perfluoropropylpropanoic acid (3:3 FTCA)	0.38	U	0.38	0.19	ug/Kg	☼	10/15/25 14:07	10/17/25 12:00	1
3-Perfluoropentylpropanoic acid (5:3 FTCA)	0.96	U	0.96	0.48	ug/Kg	☼	10/15/25 14:07	10/17/25 12:00	1
3-Perfluoroheptylpropanoic acid (7:3 FTCA)	0.96	U	0.96	0.48	ug/Kg	☼	10/15/25 14:07	10/17/25 12:00	1

Isotope Dilution	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
13C4 PFBA	*91.7*		*8 - 130*	*10/15/25 14:07*	*10/17/25 12:00*	*1*
13C5 PFPeA	*97.8*		*35 - 130*	*10/15/25 14:07*	*10/17/25 12:00*	*1*
13C5 PFHxA	*93.0*		*40 - 130*	*10/15/25 14:07*	*10/17/25 12:00*	*1*
13C4 PFHpA	*98.3*		*40 - 130*	*10/15/25 14:07*	*10/17/25 12:00*	*1*
13C8 PFOA	*87.1*		*40 - 130*	*10/15/25 14:07*	*10/17/25 12:00*	*1*
13C9 PFNA	*100*		*40 - 130*	*10/15/25 14:07*	*10/17/25 12:00*	*1*
13C6 PFDA	*92.9*		*40 - 130*	*10/15/25 14:07*	*10/17/25 12:00*	*1*
13C7 PFUnA	*87.6*		*40 - 130*	*10/15/25 14:07*	*10/17/25 12:00*	*1*

Client Sample ID: 49C_5-10

Date Collected: 10/08/25 08:05
Date Received: 10/08/25 17:00

Lab Sample ID: 460-336761-2

Matrix: Solid
Percent Solids: 92.6

Method: EPA 1633A - Per- and Polyfluoroalkyl Substances by LC/MS/MS, 1633A (Continued)

Isotope Dilution	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
13C2 PFTeDA	68.0		20 - 130	10/15/25 14:07	10/17/25 12:00	1
13C3 PFBS	89.1		40 - 135	10/15/25 14:07	10/17/25 12:00	1
13C3 PFHxS	92.7		40 - 130	10/15/25 14:07	10/17/25 12:00	1
13C8 PFOS	101		40 - 130	10/15/25 14:07	10/17/25 12:00	1
13C8 FOSA	88.1		40 - 130	10/15/25 14:07	10/17/25 12:00	1
d3-NMeFOSAA	83.6		40 - 135	10/15/25 14:07	10/17/25 12:00	1
d5-NEtFOSAA	78.9		40 - 150	10/15/25 14:07	10/17/25 12:00	1
13C2 4:2 FTS	102		40 - 165	10/15/25 14:07	10/17/25 12:00	1
13C2 6:2 FTS	99.1		40 - 215	10/15/25 14:07	10/17/25 12:00	1
13C2 8:2 FTS	96.0		40 - 275	10/15/25 14:07	10/17/25 12:00	1
13C3 HFPO-DA	93.3		40 - 130	10/15/25 14:07	10/17/25 12:00	1
d7-N-MeFOSE-M	59.8		20 - 130	10/15/25 14:07	10/17/25 12:00	1
d9-N-EtFOSE-M	47.9		15 - 130	10/15/25 14:07	10/17/25 12:00	1
d5-NEtPFOSA	63.2		10 - 130	10/15/25 14:07	10/17/25 12:00	1
d3-NMePFOSA	66.0		10 - 130	10/15/25 14:07	10/17/25 12:00	1
13C2 PFDoA	74.6		40 - 130	10/15/25 14:07	10/17/25 12:00	1

Method: SW846 6020B - Metals (ICP/MS)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Aluminum	4820		20.6	5.6	mg/Kg	☼	10/15/25 11:04	10/15/25 16:38	1
Antimony	2.9		1.0	0.15	mg/Kg	☼	10/15/25 11:04	10/15/25 16:38	1
Arsenic	7.9		1.0	0.11	mg/Kg	☼	10/15/25 11:04	10/15/25 16:38	1
Barium	66.4		2.1	0.15	mg/Kg	☼	10/15/25 11:04	10/15/25 16:38	1
Beryllium	1.8		0.41	0.023	mg/Kg	☼	10/15/25 11:04	10/15/25 16:38	1
Cadmium	0.36	J	1.0	0.12	mg/Kg	☼	10/15/25 11:04	10/15/25 16:38	1
Calcium	1460		103	10.0	mg/Kg	☼	10/15/25 11:04	10/15/25 16:38	1
Chromium	41.2		2.1	0.31	mg/Kg	☼	10/15/25 11:04	10/15/25 16:38	1
Cobalt	36.5		1.0	0.15	mg/Kg	☼	10/15/25 11:04	10/15/25 16:38	1
Copper	423		2.1	0.38	mg/Kg	☼	10/15/25 11:04	10/15/25 16:38	1
Iron	26900		61.7	7.9	mg/Kg	☼	10/15/25 11:04	10/15/25 16:38	1
Lead	452		0.62	0.21	mg/Kg	☼	10/15/25 11:04	10/15/25 16:38	1
Magnesium	1110		103	10.5	mg/Kg	☼	10/15/25 11:04	10/15/25 16:38	1
Manganese	171		4.1	0.41	mg/Kg	☼	10/15/25 11:04	10/15/25 16:38	1
Nickel	281		2.1	0.18	mg/Kg	☼	10/15/25 11:04	10/15/25 16:38	1
Potassium	689		103	16.7	mg/Kg	☼	10/15/25 11:04	10/15/25 16:38	1
Selenium	2.1		1.3	0.13	mg/Kg	☼	10/15/25 11:04	10/15/25 16:38	1
Silver	0.63		0.41	0.092	mg/Kg	☼	10/15/25 11:04	10/15/25 16:38	1
Sodium	170		103	47.0	mg/Kg	☼	10/15/25 11:04	10/15/25 16:38	1
Thallium	0.045	J	0.41	0.042	mg/Kg	☼	10/15/25 11:04	10/15/25 16:38	1
Vanadium	22.1		2.1	0.21	mg/Kg	☼	10/15/25 11:04	10/15/25 16:38	1
Zinc	1290		8.2	1.1	mg/Kg	☼	10/15/25 11:04	10/15/25 16:38	1

Method: SW846 7471B - Mercury (CVAA)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	0.016	J	0.017	0.0082	mg/Kg	☼	10/17/25 05:53	10/17/25 12:18	1

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Percent Moisture (EPA Moisture)	7.4		1.0	1.0	%			10/09/25 15:51	1
Percent Solids (EPA Moisture)	92.6		1.0	1.0	%			10/09/25 15:51	1

Client: Haley & Aldrich, Inc.
Project/Site: Former Port Mobil

Job ID: 460-336761-1

Client Sample ID: 49D_0-5
Date Collected: 10/08/25 08:10
Date Received: 10/08/25 17:00

Lab Sample ID: 460-336761-3
Matrix: Solid
Percent Solids: 91.0

Method: SW846 8270E - Semivolatile Organic Compounds (GC/MS)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1'-Biphenyl	0.36	U	0.36	0.013	mg/Kg	☼	10/10/25 06:36	10/10/25 13:28	1
1,2,4,5-Tetrachlorobenzene	0.36	U	0.36	0.011	mg/Kg	☼	10/10/25 06:36	10/10/25 13:28	1
1,4-Dioxane	0.036	U	0.036	0.032	mg/Kg	☼	10/10/25 06:36	10/10/25 13:28	1
2,2'-oxybis[1-chloropropane]	0.36	U	0.36	0.022	mg/Kg	☼	10/10/25 06:36	10/10/25 13:28	1
2,3,4,6-Tetrachlorophenol	0.36	U	0.36	0.025	mg/Kg	☼	10/10/25 06:36	10/10/25 13:28	1
2,4,5-Trichlorophenol	0.36	U	0.36	0.037	mg/Kg	☼	10/10/25 06:36	10/10/25 13:28	1
2,4,6-Trichlorophenol	0.15	U	0.15	0.046	mg/Kg	☼	10/10/25 06:36	10/10/25 13:28	1
2,4-Dichlorophenol	0.15	U	0.15	0.023	mg/Kg	☼	10/10/25 06:36	10/10/25 13:28	1
2,4-Dimethylphenol	0.36	U	0.36	0.043	mg/Kg	☼	10/10/25 06:36	10/10/25 13:28	1
2,4-Dinitrophenol	0.29	U	0.29	0.18	mg/Kg	☼	10/10/25 06:36	10/10/25 13:28	1
2,4-Dinitrotoluene	0.073	U	0.073	0.039	mg/Kg	☼	10/10/25 06:36	10/10/25 13:28	1
2,6-Dinitrotoluene	0.073	U	0.073	0.026	mg/Kg	☼	10/10/25 06:36	10/10/25 13:28	1
2-Chloronaphthalene	0.36	U	0.36	0.047	mg/Kg	☼	10/10/25 06:36	10/10/25 13:28	1
2-Chlorophenol	0.36	U	0.36	0.013	mg/Kg	☼	10/10/25 06:36	10/10/25 13:28	1
2-Methylnaphthalene	0.36	U	0.36	0.010	mg/Kg	☼	10/10/25 06:36	10/10/25 13:28	1
2-Methylphenol	0.36	U	0.36	0.014	mg/Kg	☼	10/10/25 06:36	10/10/25 13:28	1
2-Nitroaniline	0.36	U	0.36	0.028	mg/Kg	☼	10/10/25 06:36	10/10/25 13:28	1
2-Nitrophenol	0.36	U	0.36	0.036	mg/Kg	☼	10/10/25 06:36	10/10/25 13:28	1
3 & 4 Methylphenol	0.36	U	0.36	0.023	mg/Kg	☼	10/10/25 06:36	10/10/25 13:28	1
3,3'-Dichlorobenzidine	0.15	U	0.15	0.055	mg/Kg	☼	10/10/25 06:36	10/10/25 13:28	1
3-Nitroaniline	0.36	U	0.36	0.086	mg/Kg	☼	10/10/25 06:36	10/10/25 13:28	1
4,6-Dinitro-2-methylphenol	0.29	U	0.29	0.15	mg/Kg	☼	10/10/25 06:36	10/10/25 13:28	1
4-Bromophenyl phenyl ether	0.36	U	0.36	0.014	mg/Kg	☼	10/10/25 06:36	10/10/25 13:28	1
4-Chloro-3-methylphenol	0.36	U	0.36	0.020	mg/Kg	☼	10/10/25 06:36	10/10/25 13:28	1
4-Chloroaniline	0.36	U	0.36	0.064	mg/Kg	☼	10/10/25 06:36	10/10/25 13:28	1
4-Chlorophenyl phenyl ether	0.36	U	0.36	0.013	mg/Kg	☼	10/10/25 06:36	10/10/25 13:28	1
4-Methylphenol	0.36	U	0.36	0.023	mg/Kg	☼	10/10/25 06:36	10/10/25 13:28	1
4-Nitroaniline	0.36	U	0.36	0.092	mg/Kg	☼	10/10/25 06:36	10/10/25 13:28	1
4-Nitrophenol	0.73	U	0.73	0.059	mg/Kg	☼	10/10/25 06:36	10/10/25 13:28	1
Acenaphthene	0.36	U	0.36	0.010	mg/Kg	☼	10/10/25 06:36	10/10/25 13:28	1
Acenaphthylene	0.36	U	0.36	0.010	mg/Kg	☼	10/10/25 06:36	10/10/25 13:28	1
Acetophenone	0.36	U	0.36	0.018	mg/Kg	☼	10/10/25 06:36	10/10/25 13:28	1
Anthracene	0.36	U	0.36	0.011	mg/Kg	☼	10/10/25 06:36	10/10/25 13:28	1
Atrazine	0.15	U	0.15	0.021	mg/Kg	☼	10/10/25 06:36	10/10/25 13:28	1
Benzaldehyde	0.36	U	0.36	0.060	mg/Kg	☼	10/10/25 06:36	10/10/25 13:28	1
Benzo[a]anthracene	0.036	U	0.036	0.027	mg/Kg	☼	10/10/25 06:36	10/10/25 13:28	1
Benzo[a]pyrene	0.036	U	0.036	0.0096	mg/Kg	☼	10/10/25 06:36	10/10/25 13:28	1
Benzo[b]fluoranthene	0.036	U	0.036	0.0094	mg/Kg	☼	10/10/25 06:36	10/10/25 13:28	1
Benzo[g,h,i]perylene	0.36	U	0.36	0.011	mg/Kg	☼	10/10/25 06:36	10/10/25 13:28	1
Benzo[k]fluoranthene	0.036	U	0.036	0.0071	mg/Kg	☼	10/10/25 06:36	10/10/25 13:28	1
Bis(2-chloroethoxy)methane	0.36	U	0.36	0.067	mg/Kg	☼	10/10/25 06:36	10/10/25 13:28	1
Bis(2-chloroethyl)ether	0.036	U	0.036	0.013	mg/Kg	☼	10/10/25 06:36	10/10/25 13:28	1
Bis(2-ethylhexyl) phthalate	0.36	U	0.36	0.019	mg/Kg	☼	10/10/25 06:36	10/10/25 13:28	1
Butyl benzyl phthalate	0.36	U	0.36	0.017	mg/Kg	☼	10/10/25 06:36	10/10/25 13:28	1
Caprolactam	0.36	U	0.36	0.056	mg/Kg	☼	10/10/25 06:36	10/10/25 13:28	1
Carbazole	0.36	U	0.36	0.014	mg/Kg	☼	10/10/25 06:36	10/10/25 13:28	1
Chrysene	0.36	U	0.36	0.015	mg/Kg	☼	10/10/25 06:36	10/10/25 13:28	1
Dibenz(a,h)anthracene	0.036	U	0.036	0.016	mg/Kg	☼	10/10/25 06:36	10/10/25 13:28	1
Dibenzofuran	0.36	U	0.36	0.012	mg/Kg	☼	10/10/25 06:36	10/10/25 13:28	1

Client Sample ID: 49D_0-5
Date Collected: 10/08/25 08:10
Date Received: 10/08/25 17:00

Lab Sample ID: 460-336761-3
Matrix: Solid
Percent Solids: 91.0

Method: SW846 8270E - Semivolatile Organic Compounds (GC/MS) (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Diethyl phthalate	0.36	U	0.36	0.012	mg/Kg	☼	10/10/25 06:36	10/10/25 13:28	1
Dimethyl phthalate	0.36	U	0.36	0.082	mg/Kg	☼	10/10/25 06:36	10/10/25 13:28	1
Di-n-butyl phthalate	0.36	U	0.36	0.014	mg/Kg	☼	10/10/25 06:36	10/10/25 13:28	1
Di-n-octyl phthalate	0.36	U	0.36	0.019	mg/Kg	☼	10/10/25 06:36	10/10/25 13:28	1
Fluoranthene	0.36	U	0.36	0.013	mg/Kg	☼	10/10/25 06:36	10/10/25 13:28	1
Fluorene	0.36	U	0.36	0.011	mg/Kg	☼	10/10/25 06:36	10/10/25 13:28	1
Hexachlorobenzene	0.036	U	0.036	0.017	mg/Kg	☼	10/10/25 06:36	10/10/25 13:28	1
Hexachlorobutadiene	0.073	U	0.073	0.0077	mg/Kg	☼	10/10/25 06:36	10/10/25 13:28	1
Hexachlorocyclopentadiene	0.36	U	0.36	0.032	mg/Kg	☼	10/10/25 06:36	10/10/25 13:28	1
Hexachloroethane	0.036	U	0.036	0.012	mg/Kg	☼	10/10/25 06:36	10/10/25 13:28	1
Indeno[1,2,3-cd]pyrene	**0.022**	**J**	0.036	0.014	mg/Kg	☼	10/10/25 06:36	10/10/25 13:28	1
Isophorone	0.15	U	0.15	0.10	mg/Kg	☼	10/10/25 06:36	10/10/25 13:28	1
Naphthalene	0.36	U	0.36	0.0063	mg/Kg	☼	10/10/25 06:36	10/10/25 13:28	1
Nitrobenzene	0.036	U	0.036	0.020	mg/Kg	☼	10/10/25 06:36	10/10/25 13:28	1
N-Nitrosodi-n-propylamine	0.036	U	0.036	0.026	mg/Kg	☼	10/10/25 06:36	10/10/25 13:28	1
N-Nitrosodiphenylamine	0.36	U	0.36	0.030	mg/Kg	☼	10/10/25 06:36	10/10/25 13:28	1
Pentachlorophenol	0.29	U	0.29	0.074	mg/Kg	☼	10/10/25 06:36	10/10/25 13:28	1
Phenanthrene	0.36	U	0.36	0.015	mg/Kg	☼	10/10/25 06:36	10/10/25 13:28	1
Phenol	0.36	U	0.36	0.013	mg/Kg	☼	10/10/25 06:36	10/10/25 13:28	1
Pyrene	0.36	U	0.36	0.0090	mg/Kg	☼	10/10/25 06:36	10/10/25 13:28	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
2,4,6-Tribromophenol (Surr)	*78*		*18 - 137*	*10/10/25 06:36*	*10/10/25 13:28*	*1*
2-Fluorobiphenyl	*69*		*33 - 117*	*10/10/25 06:36*	*10/10/25 13:28*	*1*
2-Fluorophenol (Surr)	*73*		*24 - 120*	*10/10/25 06:36*	*10/10/25 13:28*	*1*
Nitrobenzene-d5 (Surr)	*69*		*27 - 120*	*10/10/25 06:36*	*10/10/25 13:28*	*1*
Phenol-d5 (Surr)	*69*		*28 - 118*	*10/10/25 06:36*	*10/10/25 13:28*	*1*
Terphenyl-d14 (Surr)	*74*		*33 - 124*	*10/10/25 06:36*	*10/10/25 13:28*	*1*

Method: SW846 8081B - Organochlorine Pesticides (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
4,4'-DDD	0.0074	U	0.0074	0.0013	mg/Kg	☼	10/09/25 17:52	10/10/25 15:39	1
4,4'-DDE	0.0074	U	0.0074	0.00087	mg/Kg	☼	10/09/25 17:52	10/10/25 15:39	1
4,4'-DDT	0.0074	U	0.0074	0.0014	mg/Kg	☼	10/09/25 17:52	10/10/25 15:39	1
Aldrin	0.0074	U	0.0074	0.0011	mg/Kg	☼	10/09/25 17:52	10/10/25 15:39	1
alpha-BHC	0.0022	U	0.0022	0.00075	mg/Kg	☼	10/09/25 17:52	10/10/25 15:39	1
beta-BHC	0.0022	U	0.0022	0.00082	mg/Kg	☼	10/09/25 17:52	10/10/25 15:39	1
Chlordane (technical)	0.074	U	0.074	0.018	mg/Kg	☼	10/09/25 17:52	10/10/25 15:39	1
cis-Chlordane	0.0074	U	0.0074	0.0012	mg/Kg	☼	10/09/25 17:52	10/10/25 15:39	1
delta-BHC	0.0022	U	0.0022	0.00045	mg/Kg	☼	10/09/25 17:52	10/10/25 15:39	1
Dieldrin	0.0022	U	0.0022	0.00096	mg/Kg	☼	10/09/25 17:52	10/10/25 15:39	1
Endosulfan I	0.0074	U	0.0074	0.0011	mg/Kg	☼	10/09/25 17:52	10/10/25 15:39	1
Endosulfan II	0.0074	U	0.0074	0.0019	mg/Kg	☼	10/09/25 17:52	10/10/25 15:39	1
Endosulfan sulfate	0.0074	U	0.0074	0.00092	mg/Kg	☼	10/09/25 17:52	10/10/25 15:39	1
Endrin	0.0074	U	0.0074	0.0011	mg/Kg	☼	10/09/25 17:52	10/10/25 15:39	1
Endrin aldehyde	0.0074	U	0.0074	0.0017	mg/Kg	☼	10/09/25 17:52	10/10/25 15:39	1
Endrin ketone	0.0074	U	0.0074	0.0014	mg/Kg	☼	10/09/25 17:52	10/10/25 15:39	1
gamma-BHC (Lindane)	0.0022	U	0.0022	0.00068	mg/Kg	☼	10/09/25 17:52	10/10/25 15:39	1
Heptachlor	0.0074	U	0.0074	0.00087	mg/Kg	☼	10/09/25 17:52	10/10/25 15:39	1
Heptachlor epoxide	0.0074	U	0.0074	0.0011	mg/Kg	☼	10/09/25 17:52	10/10/25 15:39	1

Client Sample ID: 49D_0-5
Date Collected: 10/08/25 08:10
Date Received: 10/08/25 17:00

Lab Sample ID: 460-336761-3
Matrix: Solid
Percent Solids: 91.0

Method: SW846 8081B - Organochlorine Pesticides (GC) (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Methoxychlor	0.0074	U	0.0074	0.0017	mg/Kg	☼	10/09/25 17:52	10/10/25 15:39	1
Toxaphene	0.074	U	0.074	0.027	mg/Kg	☼	10/09/25 17:52	10/10/25 15:39	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
DCB Decachlorobiphenyl	*119*		*10 - 150*	*10/09/25 17:52*	*10/10/25 15:39*	*1*
DCB Decachlorobiphenyl	*113*		*10 - 150*	*10/09/25 17:52*	*10/10/25 15:39*	*1*
Tetrachloro-m-xylene	*109*		*14 - 150*	*10/09/25 17:52*	*10/10/25 15:39*	*1*
Tetrachloro-m-xylene	*94*		*14 - 150*	*10/09/25 17:52*	*10/10/25 15:39*	*1*

Method: SW846 8082A - Polychlorinated Biphenyls (PCBs) by Gas Chromatography

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Aroclor 1016	0.074	U	0.074	0.020	mg/Kg	☼	10/09/25 17:24	10/10/25 20:38	1
Aroclor 1221	0.074	U	0.074	0.020	mg/Kg	☼	10/09/25 17:24	10/10/25 20:38	1
Aroclor 1232	0.074	U	0.074	0.020	mg/Kg	☼	10/09/25 17:24	10/10/25 20:38	1
Aroclor 1242	0.074	U	0.074	0.020	mg/Kg	☼	10/09/25 17:24	10/10/25 20:38	1
Aroclor 1248	0.074	U	0.074	0.020	mg/Kg	☼	10/09/25 17:24	10/10/25 20:38	1
Aroclor 1254	0.074	U	0.074	0.020	mg/Kg	☼	10/09/25 17:24	10/10/25 20:38	1
Aroclor 1260	0.074	U	0.074	0.020	mg/Kg	☼	10/09/25 17:24	10/10/25 20:38	1
Aroclor-1262	0.074	U	0.074	0.020	mg/Kg	☼	10/09/25 17:24	10/10/25 20:38	1
Aroclor 1268	0.074	U	0.074	0.020	mg/Kg	☼	10/09/25 17:24	10/10/25 20:38	1
Polychlorinated biphenyls, Total	0.074	U	0.074	0.020	mg/Kg	☼	10/09/25 17:24	10/10/25 20:38	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
DCB Decachlorobiphenyl	*110*		*10 - 150*	*10/09/25 17:24*	*10/10/25 20:38*	*1*
DCB Decachlorobiphenyl	*120*		*10 - 150*	*10/09/25 17:24*	*10/10/25 20:38*	*1*
Tetrachloro-m-xylene	*93*		*10 - 150*	*10/09/25 17:24*	*10/10/25 20:38*	*1*
Tetrachloro-m-xylene	*99*		*10 - 150*	*10/09/25 17:24*	*10/10/25 20:38*	*1*

Method: EPA 1633A - Per- and Polyfluoroalkyl Substances by LC/MS/MS, 1633A

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Perfluorobutanoic acid (PFBA)	0.40	U	0.40	0.10	ug/Kg	☼	10/15/25 14:07	10/17/25 12:13	1
Perfluoropentanoic acid (PFPeA)	0.20	U	0.20	0.10	ug/Kg	☼	10/15/25 14:07	10/17/25 12:13	1
Perfluorohexanoic acid (PFHxA)	0.20	U	0.20	0.10	ug/Kg	☼	10/15/25 14:07	10/17/25 12:13	1
Perfluoroheptanoic acid (PFHpA)	**0.21**		0.20	0.10	ug/Kg	☼	10/15/25 14:07	10/17/25 12:13	1
Perfluorooctanoic acid (PFOA)	**1.18**		0.20	0.060	ug/Kg	☼	10/15/25 14:07	10/17/25 12:13	1
Perfluorononanoic acid (PFNA)	**1.42**		0.20	0.10	ug/Kg	☼	10/15/25 14:07	10/17/25 12:13	1
Perfluorodecanoic acid (PFDA)	**4.50**		0.20	0.060	ug/Kg	☼	10/15/25 14:07	10/17/25 12:13	1
Perfluoroundecanoic acid (PFUnA)	**14.8**		0.20	0.10	ug/Kg	☼	10/15/25 14:07	10/17/25 12:13	1
Perfluorododecanoic acid (PFDoA)	**2.52**		0.20	0.10	ug/Kg	☼	10/15/25 14:07	10/17/25 12:13	1
Perfluorotridecanoic acid (PFTrDA)	**8.04**		0.20	0.10	ug/Kg	☼	10/15/25 14:07	10/17/25 12:13	1
Perfluorotetradecanoic acid (PFTeDA)	**0.69**		0.20	0.10	ug/Kg	☼	10/15/25 14:07	10/17/25 12:13	1
Perfluorobutanesulfonic acid (PFBS)	0.20	U	0.20	0.10	ug/Kg	☼	10/15/25 14:07	10/17/25 12:13	1
Perfluoropentanesulfonic acid (PFPeS)	0.20	U	0.20	0.10	ug/Kg	☼	10/15/25 14:07	10/17/25 12:13	1
Perfluorohexanesulfonic acid (PFHxS)	0.20	U	0.20	0.10	ug/Kg	☼	10/15/25 14:07	10/17/25 12:13	1
Perfluoroheptanesulfonic acid (PFHpS)	0.20	U	0.20	0.10	ug/Kg	☼	10/15/25 14:07	10/17/25 12:13	1
Perfluorooctanesulfonic acid (PFOS)	0.20	U	0.20	0.10	ug/Kg	☼	10/15/25 14:07	10/17/25 12:13	1

Client Sample ID: 49D_0-5
Date Collected: 10/08/25 08:10
Date Received: 10/08/25 17:00

Lab Sample ID: 460-336761-3
Matrix: Solid
Percent Solids: 91.0

Method: EPA 1633A - Per- and Polyfluoroalkyl Substances by LC/MS/MS, 1633A (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Perfluorononanesulfonic acid (PFNS)	0.20	U	0.20	0.10	ug/Kg	☼	10/15/25 14:07	10/17/25 12:13	1
Perfluorodecanesulfonic acid (PFDS)	0.20	U	0.20	0.10	ug/Kg	☼	10/15/25 14:07	10/17/25 12:13	1
Perfluorododecanesulfonic acid (PFDoS)	0.20	U	0.20	0.10	ug/Kg	☼	10/15/25 14:07	10/17/25 12:13	1
1H,1H,2H,2H-Perfluorohexane sulfonic acid (4:2 FTS)	0.40	U	0.40	0.20	ug/Kg	☼	10/15/25 14:07	10/17/25 12:13	1
1H,1H,2H,2H-Perfluorooctane sulfonic acid (6:2 FTS)	**1.04**		0.40	0.20	ug/Kg	☼	10/15/25 14:07	10/17/25 12:13	1
Perfluorooctanesulfonamide (PFOSA)	0.20	U	0.20	0.10	ug/Kg	☼	10/15/25 14:07	10/17/25 12:13	1
N-methylperfluorooctane sulfonamide (NMeFOSA)	0.20	U	0.20	0.10	ug/Kg	☼	10/15/25 14:07	10/17/25 12:13	1
N-ethylperfluorooctane sulfonamide (NEtFOSA)	0.20	U	0.20	0.10	ug/Kg	☼	10/15/25 14:07	10/17/25 12:13	1
N-methylperfluorooctanesulfonamidoacetic acid (NMeFOSAA)	0.20	U	0.20	0.10	ug/Kg	☼	10/15/25 14:07	10/17/25 12:13	1
N-ethylperfluorooctanesulfonamidoacetic acid (NEtFOSAA)	0.20	U	0.20	0.10	ug/Kg	☼	10/15/25 14:07	10/17/25 12:13	1
N-methylperfluorooctane sulfonamidoethanol (NMeFOSE)	1.0	U	1.0	0.50	ug/Kg	☼	10/15/25 14:07	10/17/25 12:13	1
N-ethylperfluorooctane sulfonamidoethanol (NEtFOSE)	1.0	U	1.0	0.50	ug/Kg	☼	10/15/25 14:07	10/17/25 12:13	1
Hexafluoropropylene Oxide Dimer Acid (HFPO-DA)	0.20	U	0.20	0.10	ug/Kg	☼	10/15/25 14:07	10/17/25 12:13	1
4,8-Dioxa-3H-perfluorononanoic acid (ADONA)	0.20	U	0.20	0.10	ug/Kg	☼	10/15/25 14:07	10/17/25 12:13	1
Perfluoro-3-methoxypropanoic acid (PFMPA)	0.20	U	0.20	0.10	ug/Kg	☼	10/15/25 14:07	10/17/25 12:13	1
Perfluoro-4-methoxybutanoic acid (PFMBA)	0.20	U	0.20	0.10	ug/Kg	☼	10/15/25 14:07	10/17/25 12:13	1
Nonafluoro-3,6-dioxaheptanoic acid (NFDHA)	0.20	U	0.20	0.10	ug/Kg	☼	10/15/25 14:07	10/17/25 12:13	1
9-Chlorohexadecafluoro-3-oxanonane-1-sulfonic acid (9Cl-PF3ONS)	0.20	U	0.20	0.10	ug/Kg	☼	10/15/25 14:07	10/17/25 12:13	1
11-Chloroeicosafluoro-3-oxaundecane-1-sulfonic acid (11Cl-PF3OUdS)	0.20	U	0.20	0.10	ug/Kg	☼	10/15/25 14:07	10/17/25 12:13	1
Perfluoro (2-ethoxyethane) sulfonic acid (PFEESA)	0.20	U	0.20	0.10	ug/Kg	☼	10/15/25 14:07	10/17/25 12:13	1
3-Perfluoropropylpropanoic acid (3:3 FTCA)	0.40	U	0.40	0.20	ug/Kg	☼	10/15/25 14:07	10/17/25 12:13	1
3-Perfluoropentylpropanoic acid (5:3 FTCA)	1.0	U	1.0	0.50	ug/Kg	☼	10/15/25 14:07	10/17/25 12:13	1
3-Perfluoroheptylpropanoic acid (7:3 FTCA)	**1.04**		1.0	0.50	ug/Kg	☼	10/15/25 14:07	10/17/25 12:13	1

Isotope Dilution	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
13C4 PFBA	*95.3*		*8 - 130*	*10/15/25 14:07*	*10/17/25 12:13*	*1*
13C5 PFPeA	*101*		*35 - 130*	*10/15/25 14:07*	*10/17/25 12:13*	*1*
13C5 PFHxA	*90.7*		*40 - 130*	*10/15/25 14:07*	*10/17/25 12:13*	*1*
13C4 PFHpA	*102*		*40 - 130*	*10/15/25 14:07*	*10/17/25 12:13*	*1*
13C8 PFOA	*90.7*		*40 - 130*	*10/15/25 14:07*	*10/17/25 12:13*	*1*
13C9 PFNA	*101*		*40 - 130*	*10/15/25 14:07*	*10/17/25 12:13*	*1*
13C6 PFDA	*88.6*		*40 - 130*	*10/15/25 14:07*	*10/17/25 12:13*	*1*
13C7 PFUnA	*76.3*		*40 - 130*	*10/15/25 14:07*	*10/17/25 12:13*	*1*
13C2 PFTeDA	*67.2*		*20 - 130*	*10/15/25 14:07*	*10/17/25 12:13*	*1*
13C3 PFBS	*89.0*		*40 - 135*	*10/15/25 14:07*	*10/17/25 12:13*	*1*

Client Sample ID: 49D_0-5

Date Collected: 10/08/25 08:10
Date Received: 10/08/25 17:00

Lab Sample ID: 460-336761-3

Matrix: Solid
Percent Solids: 91.0

Method: EPA 1633A - Per- and Polyfluoroalkyl Substances by LC/MS/MS, 1633A (Continued)

Isotope Dilution	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
13C3 PFHxS	94.2		40 - 130	10/15/25 14:07	10/17/25 12:13	1
13C8 PFOS	96.5		40 - 130	10/15/25 14:07	10/17/25 12:13	1
13C8 FOSA	83.8		40 - 130	10/15/25 14:07	10/17/25 12:13	1
d3-NMeFOSAA	72.8		40 - 135	10/15/25 14:07	10/17/25 12:13	1
d5-NEtFOSAA	65.4		40 - 150	10/15/25 14:07	10/17/25 12:13	1
13C2 4:2 FTS	92.3		40 - 165	10/15/25 14:07	10/17/25 12:13	1
13C2 6:2 FTS	90.1		40 - 215	10/15/25 14:07	10/17/25 12:13	1
13C3 HFPO-DA	90.2		40 - 130	10/15/25 14:07	10/17/25 12:13	1
d7-N-MeFOSE-M	62.0		20 - 130	10/15/25 14:07	10/17/25 12:13	1
d9-N-EtFOSE-M	51.3		15 - 130	10/15/25 14:07	10/17/25 12:13	1
d5-NEtPFOSA	60.3		10 - 130	10/15/25 14:07	10/17/25 12:13	1
d3-NMePFOSA	63.7		10 - 130	10/15/25 14:07	10/17/25 12:13	1
13C2 PFDoA	66.2		40 - 130	10/15/25 14:07	10/17/25 12:13	1

Method: EPA 1633A - Per- and Polyfluoroalkyl Substances by LC/MS/MS, 1633A - DL

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1H,1H,2H,2H-Perfluorodecane sulfonic acid (8:2 FTS)	192		4.00	2.00	ug/Kg	☼	10/15/25 14:07	10/17/25 15:31	10

Isotope Dilution	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
13C2 8:2 FTS	80.9		40 - 275	10/15/25 14:07	10/17/25 15:31	10

Method: SW846 6020B - Metals (ICP/MS)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Aluminum	3790		19.6	5.4	mg/Kg	☼	10/15/25 11:04	10/15/25 16:41	1
Antimony	2.2		0.98	0.14	mg/Kg	☼	10/15/25 11:04	10/15/25 16:41	1
Arsenic	11.4		0.98	0.10	mg/Kg	☼	10/15/25 11:04	10/15/25 16:41	1
Barium	27.9		2.0	0.14	mg/Kg	☼	10/15/25 11:04	10/15/25 16:41	1
Beryllium	0.61		0.39	0.022	mg/Kg	☼	10/15/25 11:04	10/15/25 16:41	1
Cadmium	0.42	J	0.98	0.11	mg/Kg	☼	10/15/25 11:04	10/15/25 16:41	1
Calcium	8870		98.1	9.5	mg/Kg	☼	10/15/25 11:04	10/15/25 16:41	1
Chromium	25.6		2.0	0.29	mg/Kg	☼	10/15/25 11:04	10/15/25 16:41	1
Cobalt	9.0		0.98	0.15	mg/Kg	☼	10/15/25 11:04	10/15/25 16:41	1
Copper	110		2.0	0.36	mg/Kg	☼	10/15/25 11:04	10/15/25 16:41	1
Iron	16600		58.9	7.5	mg/Kg	☼	10/15/25 11:04	10/15/25 16:41	1
Lead	194		0.59	0.20	mg/Kg	☼	10/15/25 11:04	10/15/25 16:41	1
Magnesium	5640		98.1	10.0	mg/Kg	☼	10/15/25 11:04	10/15/25 16:41	1
Manganese	160		3.9	0.40	mg/Kg	☼	10/15/25 11:04	10/15/25 16:41	1
Nickel	59.9		2.0	0.17	mg/Kg	☼	10/15/25 11:04	10/15/25 16:41	1
Potassium	599		98.1	15.9	mg/Kg	☼	10/15/25 11:04	10/15/25 16:41	1
Selenium	0.51	J	1.2	0.13	mg/Kg	☼	10/15/25 11:04	10/15/25 16:41	1
Silver	0.40		0.39	0.087	mg/Kg	☼	10/15/25 11:04	10/15/25 16:41	1
Sodium	52.7	J	98.1	44.8	mg/Kg	☼	10/15/25 11:04	10/15/25 16:41	1
Thallium	0.054	J	0.39	0.040	mg/Kg	☼	10/15/25 11:04	10/15/25 16:41	1
Vanadium	24.5		2.0	0.20	mg/Kg	☼	10/15/25 11:04	10/15/25 16:41	1
Zinc	273		7.8	1.1	mg/Kg	☼	10/15/25 11:04	10/15/25 16:41	1

Method: SW846 7471B - Mercury (CVAA)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	0.040		0.018	0.0086	mg/Kg	☼	10/17/25 05:53	10/17/25 12:21	1

Client Sample ID: 49D_0-5

Date Collected: 10/08/25 08:10
Date Received: 10/08/25 17:00

Lab Sample ID: 460-336761-3

Matrix: Solid
Percent Solids: 91.0

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Percent Moisture (EPA Moisture)	9.0		1.0	1.0	%			10/09/25 15:51	1
Percent Solids (EPA Moisture)	91.0		1.0	1.0	%			10/09/25 15:51	1

Client Sample ID: 49D_5-10

Date Collected: 10/08/25 08:15
Date Received: 10/08/25 17:00

Lab Sample ID: 460-336761-4

Matrix: Solid
Percent Solids: 91.5

Method: SW846 8270E - Semivolatile Organic Compounds (GC/MS)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1'-Biphenyl	0.36	U	0.36	0.013	mg/Kg	☼	10/10/25 06:36	10/10/25 13:45	1
1,2,4,5-Tetrachlorobenzene	0.36	U	0.36	0.011	mg/Kg	☼	10/10/25 06:36	10/10/25 13:45	1
1,4-Dioxane	0.036	U	0.036	0.032	mg/Kg	☼	10/10/25 06:36	10/10/25 13:45	1
2,2'-oxybis[1-chloropropane]	0.36	U	0.36	0.022	mg/Kg	☼	10/10/25 06:36	10/10/25 13:45	1
2,3,4,6-Tetrachlorophenol	0.36	U	0.36	0.024	mg/Kg	☼	10/10/25 06:36	10/10/25 13:45	1
2,4,5-Trichlorophenol	0.36	U	0.36	0.037	mg/Kg	☼	10/10/25 06:36	10/10/25 13:45	1
2,4,6-Trichlorophenol	0.15	U	0.15	0.046	mg/Kg	☼	10/10/25 06:36	10/10/25 13:45	1
2,4-Dichlorophenol	0.15	U	0.15	0.023	mg/Kg	☼	10/10/25 06:36	10/10/25 13:45	1
2,4-Dimethylphenol	0.36	U	0.36	0.043	mg/Kg	☼	10/10/25 06:36	10/10/25 13:45	1
2,4-Dinitrophenol	0.29	U	0.29	0.18	mg/Kg	☼	10/10/25 06:36	10/10/25 13:45	1
2,4-Dinitrotoluene	0.073	U	0.073	0.039	mg/Kg	☼	10/10/25 06:36	10/10/25 13:45	1
2,6-Dinitrotoluene	0.073	U	0.073	0.026	mg/Kg	☼	10/10/25 06:36	10/10/25 13:45	1
2-Chloronaphthalene	0.36	U	0.36	0.046	mg/Kg	☼	10/10/25 06:36	10/10/25 13:45	1
2-Chlorophenol	0.36	U	0.36	0.013	mg/Kg	☼	10/10/25 06:36	10/10/25 13:45	1
2-Methylnaphthalene	0.36	U	0.36	0.010	mg/Kg	☼	10/10/25 06:36	10/10/25 13:45	1
2-Methylphenol	0.36	U	0.36	0.013	mg/Kg	☼	10/10/25 06:36	10/10/25 13:45	1
2-Nitroaniline	0.36	U	0.36	0.027	mg/Kg	☼	10/10/25 06:36	10/10/25 13:45	1
2-Nitrophenol	0.36	U	0.36	0.036	mg/Kg	☼	10/10/25 06:36	10/10/25 13:45	1
3 & 4 Methylphenol	0.36	U	0.36	0.023	mg/Kg	☼	10/10/25 06:36	10/10/25 13:45	1
3,3'-Dichlorobenzidine	0.15	U	0.15	0.054	mg/Kg	☼	10/10/25 06:36	10/10/25 13:45	1
3-Nitroaniline	0.36	U	0.36	0.086	mg/Kg	☼	10/10/25 06:36	10/10/25 13:45	1
4,6-Dinitro-2-methylphenol	0.29	U	0.29	0.15	mg/Kg	☼	10/10/25 06:36	10/10/25 13:45	1
4-Bromophenyl phenyl ether	0.36	U	0.36	0.014	mg/Kg	☼	10/10/25 06:36	10/10/25 13:45	1
4-Chloro-3-methylphenol	0.36	U	0.36	0.020	mg/Kg	☼	10/10/25 06:36	10/10/25 13:45	1
4-Chloroaniline	0.36	U	0.36	0.064	mg/Kg	☼	10/10/25 06:36	10/10/25 13:45	1
4-Chlorophenyl phenyl ether	0.36	U	0.36	0.013	mg/Kg	☼	10/10/25 06:36	10/10/25 13:45	1
4-Methylphenol	0.36	U	0.36	0.023	mg/Kg	☼	10/10/25 06:36	10/10/25 13:45	1
4-Nitroaniline	0.36	U	0.36	0.091	mg/Kg	☼	10/10/25 06:36	10/10/25 13:45	1
4-Nitrophenol	0.73	U	0.73	0.059	mg/Kg	☼	10/10/25 06:36	10/10/25 13:45	1
Acenaphthene	0.36	U	0.36	0.010	mg/Kg	☼	10/10/25 06:36	10/10/25 13:45	1
Acenaphthylene	0.36	U	0.36	0.010	mg/Kg	☼	10/10/25 06:36	10/10/25 13:45	1
Acetophenone	0.36	U	0.36	0.018	mg/Kg	☼	10/10/25 06:36	10/10/25 13:45	1
Anthracene	0.36	U	0.36	0.011	mg/Kg	☼	10/10/25 06:36	10/10/25 13:45	1
Atrazine	0.15	U	0.15	0.021	mg/Kg	☼	10/10/25 06:36	10/10/25 13:45	1
Benzaldehyde	0.36	U	0.36	0.060	mg/Kg	☼	10/10/25 06:36	10/10/25 13:45	1
Benzo[a]anthracene	0.036	U	0.036	0.027	mg/Kg	☼	10/10/25 06:36	10/10/25 13:45	1
Benzo[a]pyrene	0.036	U	0.036	0.0096	mg/Kg	☼	10/10/25 06:36	10/10/25 13:45	1
Benzo[b]fluoranthene	0.018	J	0.036	0.0093	mg/Kg	☼	10/10/25 06:36	10/10/25 13:45	1
Benzo[g,h,i]perylene	0.36	U	0.36	0.011	mg/Kg	☼	10/10/25 06:36	10/10/25 13:45	1
Benzo[k]fluoranthene	0.0073	J	0.036	0.0071	mg/Kg	☼	10/10/25 06:36	10/10/25 13:45	1
Bis(2-chloroethoxy)methane	0.36	U	0.36	0.067	mg/Kg	☼	10/10/25 06:36	10/10/25 13:45	1

Client Sample ID: 49D_5-10
Date Collected: 10/08/25 08:15
Date Received: 10/08/25 17:00

Lab Sample ID: 460-336761-4
Matrix: Solid
Percent Solids: 91.5

Method: SW846 8270E - Semivolatile Organic Compounds (GC/MS) (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Bis(2-chloroethyl)ether	0.036	U	0.036	0.013	mg/Kg	☼	10/10/25 06:36	10/10/25 13:45	1
Bis(2-ethylhexyl) phthalate	0.36	U	0.36	0.019	mg/Kg	☼	10/10/25 06:36	10/10/25 13:45	1
Butyl benzyl phthalate	0.36	U	0.36	0.017	mg/Kg	☼	10/10/25 06:36	10/10/25 13:45	1
Caprolactam	0.36	U	0.36	0.056	mg/Kg	☼	10/10/25 06:36	10/10/25 13:45	1
Carbazole	0.36	U	0.36	0.014	mg/Kg	☼	10/10/25 06:36	10/10/25 13:45	1
Chrysene	**0.023**	**J**	0.36	0.015	mg/Kg	☼	10/10/25 06:36	10/10/25 13:45	1
Dibenz(a,h)anthracene	0.036	U	0.036	0.016	mg/Kg	☼	10/10/25 06:36	10/10/25 13:45	1
Dibenzofuran	0.36	U	0.36	0.012	mg/Kg	☼	10/10/25 06:36	10/10/25 13:45	1
Diethyl phthalate	0.36	U	0.36	0.012	mg/Kg	☼	10/10/25 06:36	10/10/25 13:45	1
Dimethyl phthalate	0.36	U	0.36	0.082	mg/Kg	☼	10/10/25 06:36	10/10/25 13:45	1
Di-n-butyl phthalate	0.36	U	0.36	0.014	mg/Kg	☼	10/10/25 06:36	10/10/25 13:45	1
Di-n-octyl phthalate	0.36	U	0.36	0.019	mg/Kg	☼	10/10/25 06:36	10/10/25 13:45	1
Fluoranthene	**0.021**	**J**	0.36	0.013	mg/Kg	☼	10/10/25 06:36	10/10/25 13:45	1
Fluorene	0.36	U	0.36	0.011	mg/Kg	☼	10/10/25 06:36	10/10/25 13:45	1
Hexachlorobenzene	0.036	U	0.036	0.017	mg/Kg	☼	10/10/25 06:36	10/10/25 13:45	1
Hexachlorobutadiene	0.073	U	0.073	0.0077	mg/Kg	☼	10/10/25 06:36	10/10/25 13:45	1
Hexachlorocyclopentadiene	0.36	U	0.36	0.032	mg/Kg	☼	10/10/25 06:36	10/10/25 13:45	1
Hexachloroethane	0.036	U	0.036	0.012	mg/Kg	☼	10/10/25 06:36	10/10/25 13:45	1
Indeno[1,2,3-cd]pyrene	**0.023**	**J**	0.036	0.014	mg/Kg	☼	10/10/25 06:36	10/10/25 13:45	1
Isophorone	0.15	U	0.15	0.10	mg/Kg	☼	10/10/25 06:36	10/10/25 13:45	1
Naphthalene	0.36	U	0.36	0.0062	mg/Kg	☼	10/10/25 06:36	10/10/25 13:45	1
Nitrobenzene	0.036	U	0.036	0.020	mg/Kg	☼	10/10/25 06:36	10/10/25 13:45	1
N-Nitrosodi-n-propylamine	0.036	U	0.036	0.026	mg/Kg	☼	10/10/25 06:36	10/10/25 13:45	1
N-Nitrosodiphenylamine	0.36	U	0.36	0.030	mg/Kg	☼	10/10/25 06:36	10/10/25 13:45	1
Pentachlorophenol	0.29	U	0.29	0.074	mg/Kg	☼	10/10/25 06:36	10/10/25 13:45	1
Phenanthrene	0.36	U	0.36	0.015	mg/Kg	☼	10/10/25 06:36	10/10/25 13:45	1
Phenol	0.36	U	0.36	0.013	mg/Kg	☼	10/10/25 06:36	10/10/25 13:45	1
Pyrene	**0.018**	**J**	0.36	0.0090	mg/Kg	☼	10/10/25 06:36	10/10/25 13:45	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
2,4,6-Tribromophenol (Surr)	*75*		*18 - 137*	*10/10/25 06:36*	*10/10/25 13:45*	*1*
2-Fluorobiphenyl	*68*		*33 - 117*	*10/10/25 06:36*	*10/10/25 13:45*	*1*
2-Fluorophenol (Surr)	*74*		*24 - 120*	*10/10/25 06:36*	*10/10/25 13:45*	*1*
Nitrobenzene-d5 (Surr)	*71*		*27 - 120*	*10/10/25 06:36*	*10/10/25 13:45*	*1*
Phenol-d5 (Surr)	*69*		*28 - 118*	*10/10/25 06:36*	*10/10/25 13:45*	*1*
Terphenyl-d14 (Surr)	*74*		*33 - 124*	*10/10/25 06:36*	*10/10/25 13:45*	*1*

Method: SW846 8081B - Organochlorine Pesticides (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
4,4'-DDD	0.0073	U	0.0073	0.0012	mg/Kg	☼	10/09/25 17:52	10/10/25 15:52	1
4,4'-DDE	0.0073	U	0.0073	0.00086	mg/Kg	☼	10/09/25 17:52	10/10/25 15:52	1
4,4'-DDT	0.0073	U	0.0073	0.0013	mg/Kg	☼	10/09/25 17:52	10/10/25 15:52	1
Aldrin	0.0073	U	0.0073	0.0011	mg/Kg	☼	10/09/25 17:52	10/10/25 15:52	1
alpha-BHC	0.0022	U	0.0022	0.00074	mg/Kg	☼	10/09/25 17:52	10/10/25 15:52	1
beta-BHC	0.0022	U	0.0022	0.00082	mg/Kg	☼	10/09/25 17:52	10/10/25 15:52	1
Chlordane (technical)	0.073	U	0.073	0.018	mg/Kg	☼	10/09/25 17:52	10/10/25 15:52	1
cis-Chlordane	0.0073	U	0.0073	0.0012	mg/Kg	☼	10/09/25 17:52	10/10/25 15:52	1
delta-BHC	0.0022	U	0.0022	0.00045	mg/Kg	☼	10/09/25 17:52	10/10/25 15:52	1
Dieldrin	0.0022	U	0.0022	0.00095	mg/Kg	☼	10/09/25 17:52	10/10/25 15:52	1
Endosulfan I	0.0073	U	0.0073	0.0011	mg/Kg	☼	10/09/25 17:52	10/10/25 15:52	1

Client Sample ID: 49D_5-10
Date Collected: 10/08/25 08:15
Date Received: 10/08/25 17:00

Lab Sample ID: 460-336761-4
Matrix: Solid
Percent Solids: 91.5

Method: SW846 8081B - Organochlorine Pesticides (GC) (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Endosulfan II	0.0073	U	0.0073	0.0019	mg/Kg	☼	10/09/25 17:52	10/10/25 15:52	1
Endosulfan sulfate	0.0073	U	0.0073	0.00092	mg/Kg	☼	10/09/25 17:52	10/10/25 15:52	1
Endrin	0.0073	U	0.0073	0.0010	mg/Kg	☼	10/09/25 17:52	10/10/25 15:52	1
Endrin aldehyde	0.0073	U	0.0073	0.0017	mg/Kg	☼	10/09/25 17:52	10/10/25 15:52	1
Endrin ketone	0.0073	U	0.0073	0.0014	mg/Kg	☼	10/09/25 17:52	10/10/25 15:52	1
gamma-BHC (Lindane)	0.0022	U	0.0022	0.00068	mg/Kg	☼	10/09/25 17:52	10/10/25 15:52	1
Heptachlor	0.0073	U	0.0073	0.00086	mg/Kg	☼	10/09/25 17:52	10/10/25 15:52	1
Heptachlor epoxide	0.0073	U	0.0073	0.0011	mg/Kg	☼	10/09/25 17:52	10/10/25 15:52	1
Methoxychlor	0.0073	U	0.0073	0.0017	mg/Kg	☼	10/09/25 17:52	10/10/25 15:52	1
Toxaphene	0.073	U	0.073	0.026	mg/Kg	☼	10/09/25 17:52	10/10/25 15:52	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
DCB Decachlorobiphenyl	*116*		*10 - 150*	*10/09/25 17:52*	*10/10/25 15:52*	*1*
DCB Decachlorobiphenyl	*119*		*10 - 150*	*10/09/25 17:52*	*10/10/25 15:52*	*1*
Tetrachloro-m-xylene	*113*		*14 - 150*	*10/09/25 17:52*	*10/10/25 15:52*	*1*
Tetrachloro-m-xylene	*97*		*14 - 150*	*10/09/25 17:52*	*10/10/25 15:52*	*1*

Method: SW846 8082A - Polychlorinated Biphenyls (PCBs) by Gas Chromatography

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Aroclor 1016	0.073	U	0.073	0.019	mg/Kg	☼	10/09/25 17:24	10/10/25 20:55	1
Aroclor 1221	0.073	U	0.073	0.019	mg/Kg	☼	10/09/25 17:24	10/10/25 20:55	1
Aroclor 1232	0.073	U	0.073	0.019	mg/Kg	☼	10/09/25 17:24	10/10/25 20:55	1
Aroclor 1242	0.073	U	0.073	0.019	mg/Kg	☼	10/09/25 17:24	10/10/25 20:55	1
Aroclor 1248	0.073	U	0.073	0.019	mg/Kg	☼	10/09/25 17:24	10/10/25 20:55	1
Aroclor 1254	0.073	U	0.073	0.019	mg/Kg	☼	10/09/25 17:24	10/10/25 20:55	1
Aroclor 1260	0.073	U	0.073	0.019	mg/Kg	☼	10/09/25 17:24	10/10/25 20:55	1
Aroclor-1262	0.073	U	0.073	0.019	mg/Kg	☼	10/09/25 17:24	10/10/25 20:55	1
Aroclor 1268	0.073	U	0.073	0.019	mg/Kg	☼	10/09/25 17:24	10/10/25 20:55	1
Polychlorinated biphenyls, Total	0.073	U	0.073	0.019	mg/Kg	☼	10/09/25 17:24	10/10/25 20:55	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
DCB Decachlorobiphenyl	*119*		*10 - 150*	*10/09/25 17:24*	*10/10/25 20:55*	*1*
DCB Decachlorobiphenyl	*126*		*10 - 150*	*10/09/25 17:24*	*10/10/25 20:55*	*1*
Tetrachloro-m-xylene	*103*		*10 - 150*	*10/09/25 17:24*	*10/10/25 20:55*	*1*
Tetrachloro-m-xylene	*105*		*10 - 150*	*10/09/25 17:24*	*10/10/25 20:55*	*1*

Method: EPA 1633A - Per- and Polyfluoroalkyl Substances by LC/MS/MS, 1633A

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Perfluorobutanoic acid (PFBA)	0.38	U	0.38	0.095	ug/Kg	☼	10/15/25 14:07	10/17/25 12:27	1
Perfluoropentanoic acid (PFPeA)	0.19	U	0.19	0.095	ug/Kg	☼	10/15/25 14:07	10/17/25 12:27	1
Perfluorohexanoic acid (PFHxA)	0.19	U	0.19	0.095	ug/Kg	☼	10/15/25 14:07	10/17/25 12:27	1
Perfluoroheptanoic acid (PFHpA)	0.19	U	0.19	0.095	ug/Kg	☼	10/15/25 14:07	10/17/25 12:27	1
Perfluorooctanoic acid (PFOA)	**0.096**	**J**	0.19	0.057	ug/Kg	☼	10/15/25 14:07	10/17/25 12:27	1
Perfluorononanoic acid (PFNA)	**0.16**	**J**	0.19	0.095	ug/Kg	☼	10/15/25 14:07	10/17/25 12:27	1
Perfluorodecanoic acid (PFDA)	**0.24**		0.19	0.057	ug/Kg	☼	10/15/25 14:07	10/17/25 12:27	1
Perfluoroundecanoic acid (PFUnA)	**1.08**		0.19	0.095	ug/Kg	☼	10/15/25 14:07	10/17/25 12:27	1
Perfluorododecanoic acid (PFDoA)	**0.34**		0.19	0.095	ug/Kg	☼	10/15/25 14:07	10/17/25 12:27	1
Perfluorotridecanoic acid (PFTrDA)	**1.13**		0.19	0.095	ug/Kg	☼	10/15/25 14:07	10/17/25 12:27	1

Client Sample ID: 49D_5-10
Date Collected: 10/08/25 08:15
Date Received: 10/08/25 17:00

Lab Sample ID: 460-336761-4
Matrix: Solid
Percent Solids: 91.5

Method: EPA 1633A - Per- and Polyfluoroalkyl Substances by LC/MS/MS, 1633A (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Perfluorotetradecanoic acid (PFTeDA)	**0.16**	**J**	0.19	0.095	ug/Kg	☼	10/15/25 14:07	10/17/25 12:27	1
Perfluorobutanesulfonic acid (PFBS)	0.19	U	0.19	0.095	ug/Kg	☼	10/15/25 14:07	10/17/25 12:27	1
Perfluoropentanesulfonic acid (PFPeS)	0.19	U	0.19	0.095	ug/Kg	☼	10/15/25 14:07	10/17/25 12:27	1
Perfluorohexanesulfonic acid (PFHxS)	0.19	U	0.19	0.095	ug/Kg	☼	10/15/25 14:07	10/17/25 12:27	1
Perfluoroheptanesulfonic acid (PFHpS)	0.19	U	0.19	0.095	ug/Kg	☼	10/15/25 14:07	10/17/25 12:27	1
Perfluorooctanesulfonic acid (PFOS)	0.19	U	0.19	0.095	ug/Kg	☼	10/15/25 14:07	10/17/25 12:27	1
Perfluorononanesulfonic acid (PFNS)	0.19	U	0.19	0.095	ug/Kg	☼	10/15/25 14:07	10/17/25 12:27	1
Perfluorodecanesulfonic acid (PFDS)	0.19	U	0.19	0.095	ug/Kg	☼	10/15/25 14:07	10/17/25 12:27	1
Perfluorododecanesulfonic acid (PFDoS)	0.19	U	0.19	0.095	ug/Kg	☼	10/15/25 14:07	10/17/25 12:27	1
1H,1H,2H,2H-Perfluorohexane sulfonic acid (4:2 FTS)	0.38	U	0.38	0.19	ug/Kg	☼	10/15/25 14:07	10/17/25 12:27	1
1H,1H,2H,2H-Perfluorooctane sulfonic acid (6:2 FTS)	0.38	U	0.38	0.19	ug/Kg	☼	10/15/25 14:07	10/17/25 12:27	1
1H,1H,2H,2H-Perfluorodecane sulfonic acid (8:2 FTS)	**1.54**		0.38	0.19	ug/Kg	☼	10/15/25 14:07	10/17/25 12:27	1
Perfluorooctanesulfonamide (PFOSA)	0.19	U	0.19	0.095	ug/Kg	☼	10/15/25 14:07	10/17/25 12:27	1
N-methylperfluorooctane sulfonamide (NMeFOSA)	0.19	U	0.19	0.095	ug/Kg	☼	10/15/25 14:07	10/17/25 12:27	1
N-ethylperfluorooctane sulfonamide (NEtFOSA)	0.19	U	0.19	0.095	ug/Kg	☼	10/15/25 14:07	10/17/25 12:27	1
N-methylperfluorooctanesulfonamidoacetic acid (NMeFOSAA)	0.19	U	0.19	0.095	ug/Kg	☼	10/15/25 14:07	10/17/25 12:27	1
N-ethylperfluorooctanesulfonamidoacetic acid (NEtFOSAA)	0.19	U	0.19	0.095	ug/Kg	☼	10/15/25 14:07	10/17/25 12:27	1
N-methylperfluorooctane sulfonamidoethanol (NMeFOSE)	0.95	U	0.95	0.48	ug/Kg	☼	10/15/25 14:07	10/17/25 12:27	1
N-ethylperfluorooctane sulfonamidoethanol (NEtFOSE)	0.95	U	0.95	0.48	ug/Kg	☼	10/15/25 14:07	10/17/25 12:27	1
Hexafluoropropylene Oxide Dimer Acid (HFPO-DA)	0.19	U	0.19	0.095	ug/Kg	☼	10/15/25 14:07	10/17/25 12:27	1
4,8-Dioxa-3H-perfluorononanoic acid (ADONA)	0.19	U	0.19	0.095	ug/Kg	☼	10/15/25 14:07	10/17/25 12:27	1
Perfluoro-3-methoxypropanoic acid (PFMPA)	0.19	U	0.19	0.095	ug/Kg	☼	10/15/25 14:07	10/17/25 12:27	1
Perfluoro-4-methoxybutanoic acid (PFMBA)	0.19	U	0.19	0.095	ug/Kg	☼	10/15/25 14:07	10/17/25 12:27	1
Nonafluoro-3,6-dioxaheptanoic acid (NFDHA)	0.19	U	0.19	0.095	ug/Kg	☼	10/15/25 14:07	10/17/25 12:27	1
9-Chlorohexadecafluoro-3-oxanonane-1-sulfonic acid (9Cl-PF3ONS)	0.19	U	0.19	0.095	ug/Kg	☼	10/15/25 14:07	10/17/25 12:27	1
11-Chloroeicosafluoro-3-oxaundecane-1-sulfonic acid (11Cl-PF3OUdS)	0.19	U	0.19	0.095	ug/Kg	☼	10/15/25 14:07	10/17/25 12:27	1
Perfluoro (2-ethoxyethane) sulfonic acid (PFEESA)	0.19	U	0.19	0.095	ug/Kg	☼	10/15/25 14:07	10/17/25 12:27	1
3-Perfluoropropylpropanoic acid (3:3 FTCA)	0.38	U	0.38	0.19	ug/Kg	☼	10/15/25 14:07	10/17/25 12:27	1
3-Perfluoropentylpropanoic acid (5:3 FTCA)	0.95	U	0.95	0.48	ug/Kg	☼	10/15/25 14:07	10/17/25 12:27	1
3-Perfluoroheptylpropanoic acid (7:3 FTCA)	0.95	U	0.95	0.48	ug/Kg	☼	10/15/25 14:07	10/17/25 12:27	1

Client: Haley & Aldrich, Inc.
Project/Site: Former Port Mobil

Job ID: 460-336761-1

Client Sample ID: 49D_5-10

Date Collected: 10/08/25 08:15
Date Received: 10/08/25 17:00

Lab Sample ID: 460-336761-4

Matrix: Solid
Percent Solids: 91.5

Isotope Dilution	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
13C4 PFBA	95.3		8 - 130	10/15/25 14:07	10/17/25 12:27	1
13C5 PFPeA	100		35 - 130	10/15/25 14:07	10/17/25 12:27	1
13C5 PFHxA	91.7		40 - 130	10/15/25 14:07	10/17/25 12:27	1
13C4 PFHpA	105		40 - 130	10/15/25 14:07	10/17/25 12:27	1
13C8 PFOA	95.4		40 - 130	10/15/25 14:07	10/17/25 12:27	1
13C9 PFNA	100		40 - 130	10/15/25 14:07	10/17/25 12:27	1
13C6 PFDA	91.8		40 - 130	10/15/25 14:07	10/17/25 12:27	1
13C7 PFUnA	83.1		40 - 130	10/15/25 14:07	10/17/25 12:27	1
13C2 PFTeDA	66.1		20 - 130	10/15/25 14:07	10/17/25 12:27	1
13C3 PFBS	94.7		40 - 135	10/15/25 14:07	10/17/25 12:27	1
13C3 PFHxS	95.9		40 - 130	10/15/25 14:07	10/17/25 12:27	1
13C8 PFOS	101		40 - 130	10/15/25 14:07	10/17/25 12:27	1
13C8 FOSA	92.8		40 - 130	10/15/25 14:07	10/17/25 12:27	1
d3-NMeFOSAA	84.2		40 - 135	10/15/25 14:07	10/17/25 12:27	1
d5-NEtFOSAA	76.3		40 - 150	10/15/25 14:07	10/17/25 12:27	1
13C2 4:2 FTS	93.9		40 - 165	10/15/25 14:07	10/17/25 12:27	1
13C2 6:2 FTS	91.1		40 - 215	10/15/25 14:07	10/17/25 12:27	1
13C2 8:2 FTS	91.3		40 - 275	10/15/25 14:07	10/17/25 12:27	1
13C3 HFPO-DA	94.9		40 - 130	10/15/25 14:07	10/17/25 12:27	1
d7-N-MeFOSE-M	47.8		20 - 130	10/15/25 14:07	10/17/25 12:27	1
d9-N-EtFOSE-M	40.3		15 - 130	10/15/25 14:07	10/17/25 12:27	1
d5-NEtPFOSA	70.1		10 - 130	10/15/25 14:07	10/17/25 12:27	1
d3-NMePFOSA	70.7		10 - 130	10/15/25 14:07	10/17/25 12:27	1
13C2 PFDoA	75.8		40 - 130	10/15/25 14:07	10/17/25 12:27	1

Method: SW846 6020B - Metals (ICP/MS)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Aluminum	4800		20.4	5.6	mg/Kg	☼	10/15/25 11:04	10/15/25 16:43	1
Antimony	1.6		1.0	0.15	mg/Kg	☼	10/15/25 11:04	10/15/25 16:43	1
Arsenic	8.8		1.0	0.11	mg/Kg	☼	10/15/25 11:04	10/15/25 16:43	1
Barium	39.1		2.0	0.15	mg/Kg	☼	10/15/25 11:04	10/15/25 16:43	1
Beryllium	0.85		0.41	0.022	mg/Kg	☼	10/15/25 11:04	10/15/25 16:43	1
Cadmium	0.27	J	1.0	0.12	mg/Kg	☼	10/15/25 11:04	10/15/25 16:43	1
Calcium	776		102	9.9	mg/Kg	☼	10/15/25 11:04	10/15/25 16:43	1
Chromium	22.8		2.0	0.30	mg/Kg	☼	10/15/25 11:04	10/15/25 16:43	1
Cobalt	15.3		1.0	0.15	mg/Kg	☼	10/15/25 11:04	10/15/25 16:43	1
Copper	160		2.0	0.38	mg/Kg	☼	10/15/25 11:04	10/15/25 16:43	1
Iron	19600		61.3	7.8	mg/Kg	☼	10/15/25 11:04	10/15/25 16:43	1
Lead	192		0.61	0.20	mg/Kg	☼	10/15/25 11:04	10/15/25 16:43	1
Magnesium	1270		102	10.4	mg/Kg	☼	10/15/25 11:04	10/15/25 16:43	1
Manganese	187		4.1	0.41	mg/Kg	☼	10/15/25 11:04	10/15/25 16:43	1
Nickel	95.7		2.0	0.18	mg/Kg	☼	10/15/25 11:04	10/15/25 16:43	1
Potassium	751		102	16.6	mg/Kg	☼	10/15/25 11:04	10/15/25 16:43	1
Selenium	1.2	J	1.3	0.13	mg/Kg	☼	10/15/25 11:04	10/15/25 16:43	1
Silver	0.40	J	0.41	0.091	mg/Kg	☼	10/15/25 11:04	10/15/25 16:43	1
Sodium	94.7	J	102	46.7	mg/Kg	☼	10/15/25 11:04	10/15/25 16:43	1
Thallium	0.062	J	0.41	0.042	mg/Kg	☼	10/15/25 11:04	10/15/25 16:43	1
Vanadium	21.2		2.0	0.21	mg/Kg	☼	10/15/25 11:04	10/15/25 16:43	1
Zinc	397		8.2	1.1	mg/Kg	☼	10/15/25 11:04	10/15/25 16:43	1

Client Sample ID: 49D_5-10

Lab Sample ID: 460-336761-4

Date Collected: 10/08/25 08:15
Matrix: Solid
Date Received: 10/08/25 17:00
Percent Solids: 91.5

Method: SW846 7471B - Mercury (CVAA)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	0.025		0.017	0.0082	mg/Kg	☼	10/17/25 05:53	10/17/25 12:24	1

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Percent Moisture (EPA Moisture)	8.5		1.0	1.0	%			10/09/25 15:51	1
Percent Solids (EPA Moisture)	91.5		1.0	1.0	%			10/09/25 15:51	1

Client Sample ID: 5A_0-5

Lab Sample ID: 460-336761-5

Date Collected: 10/08/25 09:30
Matrix: Solid
Date Received: 10/08/25 17:00
Percent Solids: 92.3

Method: SW846 8270E - Semivolatile Organic Compounds (GC/MS)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1'-Biphenyl	0.36	U	0.36	0.012	mg/Kg	☼	10/10/25 06:36	10/10/25 14:03	1
1,2,4,5-Tetrachlorobenzene	0.36	U	0.36	0.011	mg/Kg	☼	10/10/25 06:36	10/10/25 14:03	1
1,4-Dioxane	0.036	U	0.036	0.031	mg/Kg	☼	10/10/25 06:36	10/10/25 14:03	1
2,2'-oxybis[1-chloropropane]	0.36	U	0.36	0.021	mg/Kg	☼	10/10/25 06:36	10/10/25 14:03	1
2,3,4,6-Tetrachlorophenol	0.36	U	0.36	0.024	mg/Kg	☼	10/10/25 06:36	10/10/25 14:03	1
2,4,5-Trichlorophenol	0.36	U	0.36	0.036	mg/Kg	☼	10/10/25 06:36	10/10/25 14:03	1
2,4,6-Trichlorophenol	0.14	U	0.14	0.046	mg/Kg	☼	10/10/25 06:36	10/10/25 14:03	1
2,4-Dichlorophenol	0.14	U	0.14	0.023	mg/Kg	☼	10/10/25 06:36	10/10/25 14:03	1
2,4-Dimethylphenol	0.36	U	0.36	0.043	mg/Kg	☼	10/10/25 06:36	10/10/25 14:03	1
2,4-Dinitrophenol	0.29	U	0.29	0.18	mg/Kg	☼	10/10/25 06:36	10/10/25 14:03	1
2,4-Dinitrotoluene	0.073	U	0.073	0.039	mg/Kg	☼	10/10/25 06:36	10/10/25 14:03	1
2,6-Dinitrotoluene	0.073	U	0.073	0.026	mg/Kg	☼	10/10/25 06:36	10/10/25 14:03	1
2-Chloronaphthalene	0.36	U	0.36	0.046	mg/Kg	☼	10/10/25 06:36	10/10/25 14:03	1
2-Chlorophenol	0.36	U	0.36	0.013	mg/Kg	☼	10/10/25 06:36	10/10/25 14:03	1
2-Methylnaphthalene	0.36	U	0.36	0.010	mg/Kg	☼	10/10/25 06:36	10/10/25 14:03	1
2-Methylphenol	0.36	U	0.36	0.013	mg/Kg	☼	10/10/25 06:36	10/10/25 14:03	1
2-Nitroaniline	0.36	U	0.36	0.027	mg/Kg	☼	10/10/25 06:36	10/10/25 14:03	1
2-Nitrophenol	0.36	U	0.36	0.036	mg/Kg	☼	10/10/25 06:36	10/10/25 14:03	1
3 & 4 Methylphenol	0.36	U	0.36	0.022	mg/Kg	☼	10/10/25 06:36	10/10/25 14:03	1
3,3'-Dichlorobenzidine	0.14	U	0.14	0.054	mg/Kg	☼	10/10/25 06:36	10/10/25 14:03	1
3-Nitroaniline	0.36	U	0.36	0.085	mg/Kg	☼	10/10/25 06:36	10/10/25 14:03	1
4,6-Dinitro-2-methylphenol	0.29	U	0.29	0.15	mg/Kg	☼	10/10/25 06:36	10/10/25 14:03	1
4-Bromophenyl phenyl ether	0.36	U	0.36	0.014	mg/Kg	☼	10/10/25 06:36	10/10/25 14:03	1
4-Chloro-3-methylphenol	0.36	U	0.36	0.020	mg/Kg	☼	10/10/25 06:36	10/10/25 14:03	1
4-Chloroaniline	0.36	U	0.36	0.064	mg/Kg	☼	10/10/25 06:36	10/10/25 14:03	1
4-Chlorophenyl phenyl ether	0.36	U	0.36	0.013	mg/Kg	☼	10/10/25 06:36	10/10/25 14:03	1
4-Methylphenol	0.36	U	0.36	0.022	mg/Kg	☼	10/10/25 06:36	10/10/25 14:03	1
4-Nitroaniline	0.36	U	0.36	0.091	mg/Kg	☼	10/10/25 06:36	10/10/25 14:03	1
4-Nitrophenol	0.73	U	0.73	0.058	mg/Kg	☼	10/10/25 06:36	10/10/25 14:03	1
Acenaphthene	0.36	U	0.36	0.010	mg/Kg	☼	10/10/25 06:36	10/10/25 14:03	1
Acenaphthylene	0.36	U	0.36	0.010	mg/Kg	☼	10/10/25 06:36	10/10/25 14:03	1
Acetophenone	0.36	U	0.36	0.018	mg/Kg	☼	10/10/25 06:36	10/10/25 14:03	1
Anthracene	0.36	U	0.36	0.011	mg/Kg	☼	10/10/25 06:36	10/10/25 14:03	1
Atrazine	0.14	U	0.14	0.021	mg/Kg	☼	10/10/25 06:36	10/10/25 14:03	1
Benzaldehyde	0.36	U	0.36	0.059	mg/Kg	☼	10/10/25 06:36	10/10/25 14:03	1
Benzo[a]anthracene	0.036	U	0.036	0.027	mg/Kg	☼	10/10/25 06:36	10/10/25 14:03	1
Benzo[a]pyrene	0.036	U	0.036	0.0095	mg/Kg	☼	10/10/25 06:36	10/10/25 14:03	1

Client Sample ID: 5A_0-5
Date Collected: 10/08/25 09:30
Date Received: 10/08/25 17:00

Lab Sample ID: 460-336761-5
Matrix: Solid
Percent Solids: 92.3

Method: SW846 8270E - Semivolatile Organic Compounds (GC/MS) (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzo[b]fluoranthene	0.036	U	0.036	0.0093	mg/Kg	☼	10/10/25 06:36	10/10/25 14:03	1
Benzo[g,h,i]perylene	0.36	U	0.36	0.011	mg/Kg	☼	10/10/25 06:36	10/10/25 14:03	1
Benzo[k]fluoranthene	0.036	U	0.036	0.0070	mg/Kg	☼	10/10/25 06:36	10/10/25 14:03	1
Bis(2-chloroethoxy)methane	0.36	U	0.36	0.066	mg/Kg	☼	10/10/25 06:36	10/10/25 14:03	1
Bis(2-chloroethyl)ether	0.036	U	0.036	0.012	mg/Kg	☼	10/10/25 06:36	10/10/25 14:03	1
Bis(2-ethylhexyl) phthalate	0.36	U	0.36	0.019	mg/Kg	☼	10/10/25 06:36	10/10/25 14:03	1
Butyl benzyl phthalate	0.36	U	0.36	0.017	mg/Kg	☼	10/10/25 06:36	10/10/25 14:03	1
Caprolactam	0.36	U	0.36	0.056	mg/Kg	☼	10/10/25 06:36	10/10/25 14:03	1
Carbazole	0.36	U	0.36	0.014	mg/Kg	☼	10/10/25 06:36	10/10/25 14:03	1
Chrysene	0.36	U	0.36	0.015	mg/Kg	☼	10/10/25 06:36	10/10/25 14:03	1
Dibenz(a,h)anthracene	0.036	U	0.036	0.015	mg/Kg	☼	10/10/25 06:36	10/10/25 14:03	1
Dibenzofuran	0.36	U	0.36	0.012	mg/Kg	☼	10/10/25 06:36	10/10/25 14:03	1
Diethyl phthalate	0.36	U	0.36	0.012	mg/Kg	☼	10/10/25 06:36	10/10/25 14:03	1
Dimethyl phthalate	0.36	U	0.36	0.081	mg/Kg	☼	10/10/25 06:36	10/10/25 14:03	1
Di-n-butyl phthalate	**0.063**	**J**	0.36	0.013	mg/Kg	☼	10/10/25 06:36	10/10/25 14:03	1
Di-n-octyl phthalate	0.36	U	0.36	0.019	mg/Kg	☼	10/10/25 06:36	10/10/25 14:03	1
Fluoranthene	0.36	U	0.36	0.013	mg/Kg	☼	10/10/25 06:36	10/10/25 14:03	1
Fluorene	0.36	U	0.36	0.010	mg/Kg	☼	10/10/25 06:36	10/10/25 14:03	1
Hexachlorobenzene	0.036	U	0.036	0.017	mg/Kg	☼	10/10/25 06:36	10/10/25 14:03	1
Hexachlorobutadiene	0.073	U	0.073	0.0076	mg/Kg	☼	10/10/25 06:36	10/10/25 14:03	1
Hexachlorocyclopentadiene	0.36	U	0.36	0.031	mg/Kg	☼	10/10/25 06:36	10/10/25 14:03	1
Hexachloroethane	0.036	U	0.036	0.012	mg/Kg	☼	10/10/25 06:36	10/10/25 14:03	1
Indeno[1,2,3-cd]pyrene	0.036	U	0.036	0.014	mg/Kg	☼	10/10/25 06:36	10/10/25 14:03	1
Isophorone	0.14	U	0.14	0.10	mg/Kg	☼	10/10/25 06:36	10/10/25 14:03	1
Naphthalene	0.36	U	0.36	0.0062	mg/Kg	☼	10/10/25 06:36	10/10/25 14:03	1
Nitrobenzene	0.036	U	0.036	0.020	mg/Kg	☼	10/10/25 06:36	10/10/25 14:03	1
N-Nitrosodi-n-propylamine	0.036	U	0.036	0.026	mg/Kg	☼	10/10/25 06:36	10/10/25 14:03	1
N-Nitrosodiphenylamine	0.36	U	0.36	0.029	mg/Kg	☼	10/10/25 06:36	10/10/25 14:03	1
Pentachlorophenol	0.29	U	0.29	0.073	mg/Kg	☼	10/10/25 06:36	10/10/25 14:03	1
Phenanthrene	0.36	U	0.36	0.015	mg/Kg	☼	10/10/25 06:36	10/10/25 14:03	1
Phenol	0.36	U	0.36	0.013	mg/Kg	☼	10/10/25 06:36	10/10/25 14:03	1
Pyrene	0.36	U	0.36	0.0089	mg/Kg	☼	10/10/25 06:36	10/10/25 14:03	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
2,4,6-Tribromophenol (Surr)	*81*		*18 - 137*	*10/10/25 06:36*	*10/10/25 14:03*	*1*
2-Fluorobiphenyl	*70*		*33 - 117*	*10/10/25 06:36*	*10/10/25 14:03*	*1*
2-Fluorophenol (Surr)	*75*		*24 - 120*	*10/10/25 06:36*	*10/10/25 14:03*	*1*
Nitrobenzene-d5 (Surr)	*72*		*27 - 120*	*10/10/25 06:36*	*10/10/25 14:03*	*1*
Phenol-d5 (Surr)	*71*		*28 - 118*	*10/10/25 06:36*	*10/10/25 14:03*	*1*
Terphenyl-d14 (Surr)	*79*		*33 - 124*	*10/10/25 06:36*	*10/10/25 14:03*	*1*

Method: SW846 8081B - Organochlorine Pesticides (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
4,4'-DDD	0.0073	U	0.0073	0.0012	mg/Kg	☼	10/09/25 17:52	10/10/25 16:05	1
4,4'-DDE	0.0073	U	0.0073	0.00086	mg/Kg	☼	10/09/25 17:52	10/10/25 16:05	1
4,4'-DDT	0.0073	U	0.0073	0.0013	mg/Kg	☼	10/09/25 17:52	10/10/25 16:05	1
Aldrin	0.0073	U	0.0073	0.0011	mg/Kg	☼	10/09/25 17:52	10/10/25 16:05	1
alpha-BHC	0.0022	U	0.0022	0.00074	mg/Kg	☼	10/09/25 17:52	10/10/25 16:05	1
beta-BHC	0.0022	U	0.0022	0.00081	mg/Kg	☼	10/09/25 17:52	10/10/25 16:05	1
Chlordane (technical)	0.073	U	0.073	0.018	mg/Kg	☼	10/09/25 17:52	10/10/25 16:05	1

Client Sample ID: 5A_0-5
Date Collected: 10/08/25 09:30
Date Received: 10/08/25 17:00

Lab Sample ID: 460-336761-5
Matrix: Solid
Percent Solids: 92.3

Method: SW846 8081B - Organochlorine Pesticides (GC) (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
cis-Chlordane	0.0073	U	0.0073	0.0011	mg/Kg	☼	10/09/25 17:52	10/10/25 16:05	1
delta-BHC	0.0022	U	0.0022	0.00044	mg/Kg	☼	10/09/25 17:52	10/10/25 16:05	1
Dieldrin	0.0022	U	0.0022	0.00094	mg/Kg	☼	10/09/25 17:52	10/10/25 16:05	1
Endosulfan I	0.0073	U	0.0073	0.0011	mg/Kg	☼	10/09/25 17:52	10/10/25 16:05	1
Endosulfan II	0.0073	U	0.0073	0.0019	mg/Kg	☼	10/09/25 17:52	10/10/25 16:05	1
Endosulfan sulfate	0.0073	U	0.0073	0.00091	mg/Kg	☼	10/09/25 17:52	10/10/25 16:05	1
Endrin	0.0073	U	0.0073	0.0010	mg/Kg	☼	10/09/25 17:52	10/10/25 16:05	1
Endrin aldehyde	0.0073	U	0.0073	0.0017	mg/Kg	☼	10/09/25 17:52	10/10/25 16:05	1
Endrin ketone	0.0073	U	0.0073	0.0014	mg/Kg	☼	10/09/25 17:52	10/10/25 16:05	1
gamma-BHC (Lindane)	0.0022	U	0.0022	0.00067	mg/Kg	☼	10/09/25 17:52	10/10/25 16:05	1
Heptachlor	0.0073	U	0.0073	0.00086	mg/Kg	☼	10/09/25 17:52	10/10/25 16:05	1
Heptachlor epoxide	0.0073	U	0.0073	0.0011	mg/Kg	☼	10/09/25 17:52	10/10/25 16:05	1
Methoxychlor	0.0073	U	0.0073	0.0017	mg/Kg	☼	10/09/25 17:52	10/10/25 16:05	1
Toxaphene	0.073	U	0.073	0.026	mg/Kg	☼	10/09/25 17:52	10/10/25 16:05	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
DCB Decachlorobiphenyl	*129*		*10 - 150*	*10/09/25 17:52*	*10/10/25 16:05*	*1*
DCB Decachlorobiphenyl	*128*		*10 - 150*	*10/09/25 17:52*	*10/10/25 16:05*	*1*
Tetrachloro-m-xylene	*112*		*14 - 150*	*10/09/25 17:52*	*10/10/25 16:05*	*1*
Tetrachloro-m-xylene	*102*		*14 - 150*	*10/09/25 17:52*	*10/10/25 16:05*	*1*

Method: SW846 8082A - Polychlorinated Biphenyls (PCBs) by Gas Chromatography

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Aroclor 1016	0.073	U	0.073	0.019	mg/Kg	☼	10/09/25 17:24	10/10/25 21:12	1
Aroclor 1221	0.073	U	0.073	0.019	mg/Kg	☼	10/09/25 17:24	10/10/25 21:12	1
Aroclor 1232	0.073	U	0.073	0.019	mg/Kg	☼	10/09/25 17:24	10/10/25 21:12	1
Aroclor 1242	0.073	U	0.073	0.019	mg/Kg	☼	10/09/25 17:24	10/10/25 21:12	1
Aroclor 1248	0.073	U	0.073	0.019	mg/Kg	☼	10/09/25 17:24	10/10/25 21:12	1
Aroclor 1254	0.073	U	0.073	0.019	mg/Kg	☼	10/09/25 17:24	10/10/25 21:12	1
Aroclor 1260	0.073	U	0.073	0.019	mg/Kg	☼	10/09/25 17:24	10/10/25 21:12	1
Aroclor-1262	0.073	U	0.073	0.019	mg/Kg	☼	10/09/25 17:24	10/10/25 21:12	1
Aroclor 1268	0.073	U	0.073	0.019	mg/Kg	☼	10/09/25 17:24	10/10/25 21:12	1
Polychlorinated biphenyls, Total	0.073	U	0.073	0.019	mg/Kg	☼	10/09/25 17:24	10/10/25 21:12	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
DCB Decachlorobiphenyl	*116*		*10 - 150*	*10/09/25 17:24*	*10/10/25 21:12*	*1*
DCB Decachlorobiphenyl	*130*		*10 - 150*	*10/09/25 17:24*	*10/10/25 21:12*	*1*
Tetrachloro-m-xylene	*102*		*10 - 150*	*10/09/25 17:24*	*10/10/25 21:12*	*1*
Tetrachloro-m-xylene	*109*		*10 - 150*	*10/09/25 17:24*	*10/10/25 21:12*	*1*

Method: EPA 1633A - Per- and Polyfluoroalkyl Substances by LC/MS/MS, 1633A

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Perfluorobutanoic acid (PFBA)	0.39	U	0.39	0.099	ug/Kg	☼	10/15/25 14:07	10/17/25 12:41	1
Perfluoropentanoic acid (PFPeA)	0.20	U	0.20	0.099	ug/Kg	☼	10/15/25 14:07	10/17/25 12:41	1
Perfluorohexanoic acid (PFHxA)	**0.16**	**J**	0.20	0.099	ug/Kg	☼	10/15/25 14:07	10/17/25 12:41	1
Perfluoroheptanoic acid (PFHpA)	**0.49**		0.20	0.099	ug/Kg	☼	10/15/25 14:07	10/17/25 12:41	1
Perfluorooctanoic acid (PFOA)	**1.83**		0.20	0.059	ug/Kg	☼	10/15/25 14:07	10/17/25 12:41	1
Perfluorononanoic acid (PFNA)	**3.12**		0.20	0.099	ug/Kg	☼	10/15/25 14:07	10/17/25 12:41	1
Perfluorodecanoic acid (PFDA)	**2.62**		0.20	0.059	ug/Kg	☼	10/15/25 14:07	10/17/25 12:41	1
Perfluoroundecanoic acid (PFUnA)	**7.81**		0.20	0.099	ug/Kg	☼	10/15/25 14:07	10/17/25 12:41	1

Client Sample ID: 5A_0-5
Date Collected: 10/08/25 09:30
Date Received: 10/08/25 17:00

Lab Sample ID: 460-336761-5
Matrix: Solid
Percent Solids: 92.3

Method: EPA 1633A - Per- and Polyfluoroalkyl Substances by LC/MS/MS, 1633A (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Perfluorododecanoic acid (PFDoA)	**0.64**		0.20	0.099	ug/Kg	☼	10/15/25 14:07	10/17/25 12:41	1
Perfluorotridecanoic acid (PFTrDA)	**6.92**		0.20	0.099	ug/Kg	☼	10/15/25 14:07	10/17/25 12:41	1
Perfluorotetradecanoic acid (PFTeDA)	**0.14**	**J**	0.20	0.099	ug/Kg	☼	10/15/25 14:07	10/17/25 12:41	1
Perfluorobutanesulfonic acid (PFBS)	0.20	U	0.20	0.099	ug/Kg	☼	10/15/25 14:07	10/17/25 12:41	1
Perfluoropentanesulfonic acid (PFPeS)	0.20	U	0.20	0.099	ug/Kg	☼	10/15/25 14:07	10/17/25 12:41	1
Perfluorohexanesulfonic acid (PFHxS)	0.20	U	0.20	0.099	ug/Kg	☼	10/15/25 14:07	10/17/25 12:41	1
Perfluoroheptanesulfonic acid (PFHpS)	0.20	U	0.20	0.099	ug/Kg	☼	10/15/25 14:07	10/17/25 12:41	1
Perfluorooctanesulfonic acid (PFOS)	**0.18**	**J**	0.20	0.099	ug/Kg	☼	10/15/25 14:07	10/17/25 12:41	1
Perfluorononanesulfonic acid (PFNS)	0.20	U	0.20	0.099	ug/Kg	☼	10/15/25 14:07	10/17/25 12:41	1
Perfluorodecanesulfonic acid (PFDS)	0.20	U	0.20	0.099	ug/Kg	☼	10/15/25 14:07	10/17/25 12:41	1
Perfluorododecanesulfonic acid (PFDoS)	0.20	U	0.20	0.099	ug/Kg	☼	10/15/25 14:07	10/17/25 12:41	1
1H,1H,2H,2H-Perfluorohexane sulfonic acid (4:2 FTS)	0.39	U	0.39	0.20	ug/Kg	☼	10/15/25 14:07	10/17/25 12:41	1
1H,1H,2H,2H-Perfluorooctane sulfonic acid (6:2 FTS)	0.39	U	0.39	0.20	ug/Kg	☼	10/15/25 14:07	10/17/25 12:41	1
1H,1H,2H,2H-Perfluorodecane sulfonic acid (8:2 FTS)	**0.31**	**J**	0.39	0.20	ug/Kg	☼	10/15/25 14:07	10/17/25 12:41	1
Perfluorooctanesulfonamide (PFOSA)	0.20	U	0.20	0.099	ug/Kg	☼	10/15/25 14:07	10/17/25 12:41	1
N-methylperfluorooctane sulfonamide (NMeFOSA)	0.20	U	0.20	0.099	ug/Kg	☼	10/15/25 14:07	10/17/25 12:41	1
N-ethylperfluorooctane sulfonamide (NEtFOSA)	0.20	U	0.20	0.099	ug/Kg	☼	10/15/25 14:07	10/17/25 12:41	1
N-methylperfluorooctanesulfonamidoacetic acid (NMeFOSAA)	0.20	U	0.20	0.099	ug/Kg	☼	10/15/25 14:07	10/17/25 12:41	1
N-ethylperfluorooctanesulfonamidoacetic acid (NEtFOSAA)	0.20	U	0.20	0.099	ug/Kg	☼	10/15/25 14:07	10/17/25 12:41	1
N-methylperfluorooctane sulfonamidoethanol (NMeFOSE)	0.99	U	0.99	0.49	ug/Kg	☼	10/15/25 14:07	10/17/25 12:41	1
N-ethylperfluorooctane sulfonamidoethanol (NEtFOSE)	0.99	U	0.99	0.49	ug/Kg	☼	10/15/25 14:07	10/17/25 12:41	1
Hexafluoropropylene Oxide Dimer Acid (HFPO-DA)	0.20	U	0.20	0.099	ug/Kg	☼	10/15/25 14:07	10/17/25 12:41	1
4,8-Dioxa-3H-perfluorononanoic acid (ADONA)	0.20	U	0.20	0.099	ug/Kg	☼	10/15/25 14:07	10/17/25 12:41	1
Perfluoro-3-methoxypropanoic acid (PFMPA)	0.20	U	0.20	0.099	ug/Kg	☼	10/15/25 14:07	10/17/25 12:41	1
Perfluoro-4-methoxybutanoic acid (PFMBA)	0.20	U	0.20	0.099	ug/Kg	☼	10/15/25 14:07	10/17/25 12:41	1
Nonafluoro-3,6-dioxaheptanoic acid (NFDHA)	0.20	U	0.20	0.099	ug/Kg	☼	10/15/25 14:07	10/17/25 12:41	1
9-Chlorohexadecafluoro-3-oxanonane-1-sulfonic acid (9Cl-PF3ONS)	0.20	U	0.20	0.099	ug/Kg	☼	10/15/25 14:07	10/17/25 12:41	1
11-Chloroeicosafluoro-3-oxaundecane-1-sulfonic acid (11Cl-PF3OUdS)	0.20	U	0.20	0.099	ug/Kg	☼	10/15/25 14:07	10/17/25 12:41	1
Perfluoro (2-ethoxyethane) sulfonic acid (PFEESA)	0.20	U	0.20	0.099	ug/Kg	☼	10/15/25 14:07	10/17/25 12:41	1
3-Perfluoropropylpropanoic acid (3:3 FTCA)	0.39	U	0.39	0.20	ug/Kg	☼	10/15/25 14:07	10/17/25 12:41	1

Client Sample ID: 5A_0-5
Date Collected: 10/08/25 09:30
Date Received: 10/08/25 17:00

Lab Sample ID: 460-336761-5
Matrix: Solid
Percent Solids: 92.3

Method: EPA 1633A - Per- and Polyfluoroalkyl Substances by LC/MS/MS, 1633A (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
3-Perfluoropentylpropanoic acid (5:3 FTCA)	0.99	U	0.99	0.49	ug/Kg	☼	10/15/25 14:07	10/17/25 12:41	1
3-Perfluoroheptylpropanoic acid (7:3 FTCA)	0.99	U	0.99	0.49	ug/Kg	☼	10/15/25 14:07	10/17/25 12:41	1

Isotope Dilution	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
13C4 PFBA	*85.8*		*8 - 130*	*10/15/25 14:07*	*10/17/25 12:41*	*1*
13C5 PFPeA	*93.3*		*35 - 130*	*10/15/25 14:07*	*10/17/25 12:41*	*1*
13C5 PFHxA	*78.9*		*40 - 130*	*10/15/25 14:07*	*10/17/25 12:41*	*1*
13C4 PFHpA	*92.1*		*40 - 130*	*10/15/25 14:07*	*10/17/25 12:41*	*1*
13C8 PFOA	*83.2*		*40 - 130*	*10/15/25 14:07*	*10/17/25 12:41*	*1*
13C9 PFNA	*87.9*		*40 - 130*	*10/15/25 14:07*	*10/17/25 12:41*	*1*
13C6 PFDA	*81.7*		*40 - 130*	*10/15/25 14:07*	*10/17/25 12:41*	*1*
13C7 PFUnA	*80.3*		*40 - 130*	*10/15/25 14:07*	*10/17/25 12:41*	*1*
13C2 PFTeDA	*59.3*		*20 - 130*	*10/15/25 14:07*	*10/17/25 12:41*	*1*
13C3 PFBS	*82.2*		*40 - 135*	*10/15/25 14:07*	*10/17/25 12:41*	*1*
13C3 PFHxS	*82.7*		*40 - 130*	*10/15/25 14:07*	*10/17/25 12:41*	*1*
13C8 PFOS	*88.0*		*40 - 130*	*10/15/25 14:07*	*10/17/25 12:41*	*1*
13C8 FOSA	*80.7*		*40 - 130*	*10/15/25 14:07*	*10/17/25 12:41*	*1*
d3-NMeFOSAA	*73.1*		*40 - 135*	*10/15/25 14:07*	*10/17/25 12:41*	*1*
d5-NEtFOSAA	*69.6*		*40 - 150*	*10/15/25 14:07*	*10/17/25 12:41*	*1*
13C2 4:2 FTS	*92.2*		*40 - 165*	*10/15/25 14:07*	*10/17/25 12:41*	*1*
13C2 6:2 FTS	*82.4*		*40 - 215*	*10/15/25 14:07*	*10/17/25 12:41*	*1*
13C2 8:2 FTS	*81.7*		*40 - 275*	*10/15/25 14:07*	*10/17/25 12:41*	*1*
13C3 HFPO-DA	*84.7*		*40 - 130*	*10/15/25 14:07*	*10/17/25 12:41*	*1*
d7-N-MeFOSE-M	*38.4*		*20 - 130*	*10/15/25 14:07*	*10/17/25 12:41*	*1*
d9-N-EtFOSE-M	*30.8*		*15 - 130*	*10/15/25 14:07*	*10/17/25 12:41*	*1*
d5-NEtPFOSA	*64.0*		*10 - 130*	*10/15/25 14:07*	*10/17/25 12:41*	*1*
d3-NMePFOSA	*65.7*		*10 - 130*	*10/15/25 14:07*	*10/17/25 12:41*	*1*
13C2 PFDoA	*70.9*		*40 - 130*	*10/15/25 14:07*	*10/17/25 12:41*	*1*

Method: SW846 6020B - Metals (ICP/MS)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Aluminum	**9040**		20.1	5.5	mg/Kg	☼	10/15/25 11:04	10/15/25 16:52	1
Antimony	**0.93**	**J**	1.0	0.15	mg/Kg	☼	10/15/25 11:04	10/15/25 16:52	1
Arsenic	**6.4**		1.0	0.10	mg/Kg	☼	10/15/25 11:04	10/15/25 16:52	1
Barium	**81.4**		2.0	0.15	mg/Kg	☼	10/15/25 11:04	10/15/25 16:52	1
Beryllium	**2.4**		0.40	0.022	mg/Kg	☼	10/15/25 11:04	10/15/25 16:52	1
Cadmium	**0.42**	**J**	1.0	0.11	mg/Kg	☼	10/15/25 11:04	10/15/25 16:52	1
Calcium	**1600**		100	9.8	mg/Kg	☼	10/15/25 11:04	10/15/25 16:52	1
Chromium	**42.2**		2.0	0.30	mg/Kg	☼	10/15/25 11:04	10/15/25 16:52	1
Cobalt	**10**		1.0	0.15	mg/Kg	☼	10/15/25 11:04	10/15/25 16:52	1
Copper	**85.2**		2.0	0.37	mg/Kg	☼	10/15/25 11:04	10/15/25 16:52	1
Iron	**22500**		60.2	7.7	mg/Kg	☼	10/15/25 11:04	10/15/25 16:52	1
Lead	**426**		0.60	0.20	mg/Kg	☼	10/15/25 11:04	10/15/25 16:52	1
Magnesium	**2770**		100	10.2	mg/Kg	☼	10/15/25 11:04	10/15/25 16:52	1
Manganese	**223**		4.0	0.40	mg/Kg	☼	10/15/25 11:04	10/15/25 16:52	1
Nickel	**43.6**		2.0	0.18	mg/Kg	☼	10/15/25 11:04	10/15/25 16:52	1
Potassium	**1130**		100	16.3	mg/Kg	☼	10/15/25 11:04	10/15/25 16:52	1
Selenium	**0.40**	**J**	1.3	0.13	mg/Kg	☼	10/15/25 11:04	10/15/25 16:52	1
Silver	**0.25**	**J**	0.40	0.089	mg/Kg	☼	10/15/25 11:04	10/15/25 16:52	1

Client Sample ID: 5A_0-5

Date Collected: 10/08/25 09:30
Date Received: 10/08/25 17:00

Lab Sample ID: 460-336761-5
Matrix: Solid
Percent Solids: 92.3

Method: SW846 6020B - Metals (ICP/MS) (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Sodium	150		100	45.9	mg/Kg	☼	10/15/25 11:04	10/15/25 16:52	1
Thallium	0.12	J	0.40	0.041	mg/Kg	☼	10/15/25 11:04	10/15/25 16:52	1
Vanadium	25.3		2.0	0.21	mg/Kg	☼	10/15/25 11:04	10/15/25 16:52	1
Zinc	412		8.0	1.1	mg/Kg	☼	10/15/25 11:04	10/15/25 16:52	1

Method: SW846 7471B - Mercury (CVAA)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	0.031		0.018	0.0084	mg/Kg	☼	10/17/25 05:53	10/17/25 12:27	1

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Percent Moisture (EPA Moisture)	7.7		1.0	1.0	%			10/09/25 15:51	1
Percent Solids (EPA Moisture)	92.3		1.0	1.0	%			10/09/25 15:51	1

Client Sample ID: 5A_5-10

Date Collected: 10/08/25 09:35
Date Received: 10/08/25 17:00

Lab Sample ID: 460-336761-6
Matrix: Solid
Percent Solids: 88.8

Method: SW846 8270E - Semivolatile Organic Compounds (GC/MS)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1'-Biphenyl	0.37	U	0.37	0.013	mg/Kg	☼	10/10/25 06:36	10/10/25 14:21	1
1,2,4,5-Tetrachlorobenzene	0.37	U	0.37	0.012	mg/Kg	☼	10/10/25 06:36	10/10/25 14:21	1
1,4-Dioxane	0.037	U	0.037	0.032	mg/Kg	☼	10/10/25 06:36	10/10/25 14:21	1
2,2'-oxybis[1-chloropropane]	0.37	U	0.37	0.022	mg/Kg	☼	10/10/25 06:36	10/10/25 14:21	1
2,3,4,6-Tetrachlorophenol	0.37	U	0.37	0.025	mg/Kg	☼	10/10/25 06:36	10/10/25 14:21	1
2,4,5-Trichlorophenol	0.37	U	0.37	0.038	mg/Kg	☼	10/10/25 06:36	10/10/25 14:21	1
2,4,6-Trichlorophenol	0.15	U	0.15	0.048	mg/Kg	☼	10/10/25 06:36	10/10/25 14:21	1
2,4-Dichlorophenol	0.15	U	0.15	0.024	mg/Kg	☼	10/10/25 06:36	10/10/25 14:21	1
2,4-Dimethylphenol	0.37	U	0.37	0.044	mg/Kg	☼	10/10/25 06:36	10/10/25 14:21	1
2,4-Dinitrophenol	0.30	U	0.30	0.18	mg/Kg	☼	10/10/25 06:36	10/10/25 14:21	1
2,4-Dinitrotoluene	0.075	U	0.075	0.040	mg/Kg	☼	10/10/25 06:36	10/10/25 14:21	1
2,6-Dinitrotoluene	0.075	U	0.075	0.027	mg/Kg	☼	10/10/25 06:36	10/10/25 14:21	1
2-Chloronaphthalene	0.37	U	0.37	0.048	mg/Kg	☼	10/10/25 06:36	10/10/25 14:21	1
2-Chlorophenol	0.37	U	0.37	0.013	mg/Kg	☼	10/10/25 06:36	10/10/25 14:21	1
2-Methylnaphthalene	0.37	U	0.37	0.010	mg/Kg	☼	10/10/25 06:36	10/10/25 14:21	1
2-Methylphenol	0.37	U	0.37	0.014	mg/Kg	☼	10/10/25 06:36	10/10/25 14:21	1
2-Nitroaniline	0.37	U	0.37	0.028	mg/Kg	☼	10/10/25 06:36	10/10/25 14:21	1
2-Nitrophenol	0.37	U	0.37	0.037	mg/Kg	☼	10/10/25 06:36	10/10/25 14:21	1
3 & 4 Methylphenol	0.37	U	0.37	0.023	mg/Kg	☼	10/10/25 06:36	10/10/25 14:21	1
3,3'-Dichlorobenzidine	0.15	U	0.15	0.056	mg/Kg	☼	10/10/25 06:36	10/10/25 14:21	1
3-Nitroaniline	0.37	U	0.37	0.088	mg/Kg	☼	10/10/25 06:36	10/10/25 14:21	1
4,6-Dinitro-2-methylphenol	0.30	U	0.30	0.15	mg/Kg	☼	10/10/25 06:36	10/10/25 14:21	1
4-Bromophenyl phenyl ether	0.37	U	0.37	0.015	mg/Kg	☼	10/10/25 06:36	10/10/25 14:21	1
4-Chloro-3-methylphenol	0.37	U	0.37	0.021	mg/Kg	☼	10/10/25 06:36	10/10/25 14:21	1
4-Chloroaniline	0.37	U	0.37	0.066	mg/Kg	☼	10/10/25 06:36	10/10/25 14:21	1
4-Chlorophenyl phenyl ether	0.37	U	0.37	0.013	mg/Kg	☼	10/10/25 06:36	10/10/25 14:21	1
4-Methylphenol	0.37	U	0.37	0.023	mg/Kg	☼	10/10/25 06:36	10/10/25 14:21	1
4-Nitroaniline	0.37	U	0.37	0.094	mg/Kg	☼	10/10/25 06:36	10/10/25 14:21	1
4-Nitrophenol	0.75	U	0.75	0.060	mg/Kg	☼	10/10/25 06:36	10/10/25 14:21	1
Acenaphthene	0.37	U	0.37	0.011	mg/Kg	☼	10/10/25 06:36	10/10/25 14:21	1

Client Sample ID: 5A_5-10
Date Collected: 10/08/25 09:35
Date Received: 10/08/25 17:00

Lab Sample ID: 460-336761-6
Matrix: Solid
Percent Solids: 88.8

Method: SW846 8270E - Semivolatile Organic Compounds (GC/MS) (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Acenaphthylene	0.37	U	0.37	0.011	mg/Kg	☼	10/10/25 06:36	10/10/25 14:21	1
Acetophenone	0.37	U	0.37	0.018	mg/Kg	☼	10/10/25 06:36	10/10/25 14:21	1
Anthracene	0.37	U	0.37	0.011	mg/Kg	☼	10/10/25 06:36	10/10/25 14:21	1
Atrazine	0.15	U	0.15	0.022	mg/Kg	☼	10/10/25 06:36	10/10/25 14:21	1
Benzaldehyde	0.37	U	0.37	0.061	mg/Kg	☼	10/10/25 06:36	10/10/25 14:21	1
Benzo[a]anthracene	0.037	U	0.037	0.028	mg/Kg	☼	10/10/25 06:36	10/10/25 14:21	1
Benzo[a]pyrene	0.037	U	0.037	0.0099	mg/Kg	☼	10/10/25 06:36	10/10/25 14:21	1
Benzo[b]fluoranthene	0.037	U	0.037	0.0096	mg/Kg	☼	10/10/25 06:36	10/10/25 14:21	1
Benzo[g,h,i]perylene	0.37	U	0.37	0.011	mg/Kg	☼	10/10/25 06:36	10/10/25 14:21	1
Benzo[k]fluoranthene	0.037	U	0.037	0.0073	mg/Kg	☼	10/10/25 06:36	10/10/25 14:21	1
Bis(2-chloroethoxy)methane	0.37	U	0.37	0.069	mg/Kg	☼	10/10/25 06:36	10/10/25 14:21	1
Bis(2-chloroethyl)ether	0.037	U	0.037	0.013	mg/Kg	☼	10/10/25 06:36	10/10/25 14:21	1
Bis(2-ethylhexyl) phthalate	0.37	U	0.37	0.020	mg/Kg	☼	10/10/25 06:36	10/10/25 14:21	1
Butyl benzyl phthalate	0.37	U	0.37	0.017	mg/Kg	☼	10/10/25 06:36	10/10/25 14:21	1
Caprolactam	0.37	U	0.37	0.058	mg/Kg	☼	10/10/25 06:36	10/10/25 14:21	1
Carbazole	0.37	U	0.37	0.014	mg/Kg	☼	10/10/25 06:36	10/10/25 14:21	1
Chrysene	0.37	U	0.37	0.016	mg/Kg	☼	10/10/25 06:36	10/10/25 14:21	1
Dibenz(a,h)anthracene	0.037	U	0.037	0.016	mg/Kg	☼	10/10/25 06:36	10/10/25 14:21	1
Dibenzofuran	0.37	U	0.37	0.012	mg/Kg	☼	10/10/25 06:36	10/10/25 14:21	1
Diethyl phthalate	0.37	U	0.37	0.012	mg/Kg	☼	10/10/25 06:36	10/10/25 14:21	1
Dimethyl phthalate	0.37	U	0.37	0.084	mg/Kg	☼	10/10/25 06:36	10/10/25 14:21	1
Di-n-butyl phthalate	**0.13**	**J**	0.37	0.014	mg/Kg	☼	10/10/25 06:36	10/10/25 14:21	1
Di-n-octyl phthalate	0.37	U	0.37	0.020	mg/Kg	☼	10/10/25 06:36	10/10/25 14:21	1
Fluoranthene	0.37	U	0.37	0.013	mg/Kg	☼	10/10/25 06:36	10/10/25 14:21	1
Fluorene	0.37	U	0.37	0.011	mg/Kg	☼	10/10/25 06:36	10/10/25 14:21	1
Hexachlorobenzene	0.037	U	0.037	0.018	mg/Kg	☼	10/10/25 06:36	10/10/25 14:21	1
Hexachlorobutadiene	0.075	U	0.075	0.0079	mg/Kg	☼	10/10/25 06:36	10/10/25 14:21	1
Hexachlorocyclopentadiene	0.37	U	0.37	0.033	mg/Kg	☼	10/10/25 06:36	10/10/25 14:21	1
Hexachloroethane	0.037	U	0.037	0.013	mg/Kg	☼	10/10/25 06:36	10/10/25 14:21	1
Indeno[1,2,3-cd]pyrene	**0.026**	**J**	0.037	0.014	mg/Kg	☼	10/10/25 06:36	10/10/25 14:21	1
Isophorone	0.15	U	0.15	0.11	mg/Kg	☼	10/10/25 06:36	10/10/25 14:21	1
Naphthalene	0.37	U	0.37	0.0064	mg/Kg	☼	10/10/25 06:36	10/10/25 14:21	1
Nitrobenzene	0.037	U	0.037	0.021	mg/Kg	☼	10/10/25 06:36	10/10/25 14:21	1
N-Nitrosodi-n-propylamine	0.037	U	0.037	0.027	mg/Kg	☼	10/10/25 06:36	10/10/25 14:21	1
N-Nitrosodiphenylamine	0.37	U	0.37	0.031	mg/Kg	☼	10/10/25 06:36	10/10/25 14:21	1
Pentachlorophenol	0.30	U	0.30	0.076	mg/Kg	☼	10/10/25 06:36	10/10/25 14:21	1
Phenanthrene	0.37	U	0.37	0.015	mg/Kg	☼	10/10/25 06:36	10/10/25 14:21	1
Phenol	0.37	U	0.37	0.014	mg/Kg	☼	10/10/25 06:36	10/10/25 14:21	1
Pyrene	**0.0095**	**J**	0.37	0.0092	mg/Kg	☼	10/10/25 06:36	10/10/25 14:21	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
2,4,6-Tribromophenol (Surr)	*90*		*18 - 137*	*10/10/25 06:36*	*10/10/25 14:21*	*1*
2-Fluorobiphenyl	*79*		*33 - 117*	*10/10/25 06:36*	*10/10/25 14:21*	*1*
2-Fluorophenol (Surr)	*84*		*24 - 120*	*10/10/25 06:36*	*10/10/25 14:21*	*1*
Nitrobenzene-d5 (Surr)	*80*		*27 - 120*	*10/10/25 06:36*	*10/10/25 14:21*	*1*
Phenol-d5 (Surr)	*79*		*28 - 118*	*10/10/25 06:36*	*10/10/25 14:21*	*1*
Terphenyl-d14 (Surr)	*86*		*33 - 124*	*10/10/25 06:36*	*10/10/25 14:21*	*1*

Client Sample ID: 5A_5-10
Date Collected: 10/08/25 09:35
Date Received: 10/08/25 17:00

Lab Sample ID: 460-336761-6
Matrix: Solid
Percent Solids: 88.8

Method: SW846 8081B - Organochlorine Pesticides (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
4,4'-DDD	0.0075	U	0.0075	0.0013	mg/Kg	☼	10/09/25 17:52	10/10/25 16:18	1
4,4'-DDE	0.0075	U	0.0075	0.00089	mg/Kg	☼	10/09/25 17:52	10/10/25 16:18	1
4,4'-DDT	0.0075	U	0.0075	0.0014	mg/Kg	☼	10/09/25 17:52	10/10/25 16:18	1
Aldrin	0.0075	U	0.0075	0.0011	mg/Kg	☼	10/09/25 17:52	10/10/25 16:18	1
alpha-BHC	0.0023	U	0.0023	0.00077	mg/Kg	☼	10/09/25 17:52	10/10/25 16:18	1
beta-BHC	0.0023	U	0.0023	0.00084	mg/Kg	☼	10/09/25 17:52	10/10/25 16:18	1
Chlordane (technical)	0.075	U	0.075	0.018	mg/Kg	☼	10/09/25 17:52	10/10/25 16:18	1
cis-Chlordane	0.0075	U	0.0075	0.0012	mg/Kg	☼	10/09/25 17:52	10/10/25 16:18	1
delta-BHC	0.0023	U	0.0023	0.00046	mg/Kg	☼	10/09/25 17:52	10/10/25 16:18	1
Dieldrin	0.0023	U	0.0023	0.00098	mg/Kg	☼	10/09/25 17:52	10/10/25 16:18	1
Endosulfan I	0.0075	U	0.0075	0.0011	mg/Kg	☼	10/09/25 17:52	10/10/25 16:18	1
Endosulfan II	0.0075	U	0.0075	0.0019	mg/Kg	☼	10/09/25 17:52	10/10/25 16:18	1
Endosulfan sulfate	0.0075	U	0.0075	0.00095	mg/Kg	☼	10/09/25 17:52	10/10/25 16:18	1
Endrin	0.0075	U	0.0075	0.0011	mg/Kg	☼	10/09/25 17:52	10/10/25 16:18	1
Endrin aldehyde	0.0075	U	0.0075	0.0018	mg/Kg	☼	10/09/25 17:52	10/10/25 16:18	1
Endrin ketone	0.0075	U	0.0075	0.0015	mg/Kg	☼	10/09/25 17:52	10/10/25 16:18	1
gamma-BHC (Lindane)	0.0023	U	0.0023	0.00070	mg/Kg	☼	10/09/25 17:52	10/10/25 16:18	1
Heptachlor	0.0075	U	0.0075	0.00089	mg/Kg	☼	10/09/25 17:52	10/10/25 16:18	1
Heptachlor epoxide	0.0075	U	0.0075	0.0011	mg/Kg	☼	10/09/25 17:52	10/10/25 16:18	1
Methoxychlor	0.0075	U	0.0075	0.0017	mg/Kg	☼	10/09/25 17:52	10/10/25 16:18	1
Toxaphene	0.075	U	0.075	0.027	mg/Kg	☼	10/09/25 17:52	10/10/25 16:18	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
DCB Decachlorobiphenyl	*114*		*10 - 150*	*10/09/25 17:52*	*10/10/25 16:18*	*1*
DCB Decachlorobiphenyl	*113*		*10 - 150*	*10/09/25 17:52*	*10/10/25 16:18*	*1*
Tetrachloro-m-xylene	*96*		*14 - 150*	*10/09/25 17:52*	*10/10/25 16:18*	*1*
Tetrachloro-m-xylene	*93*		*14 - 150*	*10/09/25 17:52*	*10/10/25 16:18*	*1*

Method: SW846 8082A - Polychlorinated Biphenyls (PCBs) by Gas Chromatography

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Aroclor 1016	0.075	U	0.075	0.020	mg/Kg	☼	10/09/25 17:24	10/10/25 21:30	1
Aroclor 1221	0.075	U	0.075	0.020	mg/Kg	☼	10/09/25 17:24	10/10/25 21:30	1
Aroclor 1232	0.075	U	0.075	0.020	mg/Kg	☼	10/09/25 17:24	10/10/25 21:30	1
Aroclor 1242	0.075	U	0.075	0.020	mg/Kg	☼	10/09/25 17:24	10/10/25 21:30	1
Aroclor 1248	0.075	U	0.075	0.020	mg/Kg	☼	10/09/25 17:24	10/10/25 21:30	1
Aroclor 1254	0.075	U	0.075	0.020	mg/Kg	☼	10/09/25 17:24	10/10/25 21:30	1
Aroclor 1260	0.075	U	0.075	0.020	mg/Kg	☼	10/09/25 17:24	10/10/25 21:30	1
Aroclor-1262	0.075	U	0.075	0.020	mg/Kg	☼	10/09/25 17:24	10/10/25 21:30	1
Aroclor 1268	0.075	U	0.075	0.020	mg/Kg	☼	10/09/25 17:24	10/10/25 21:30	1
Polychlorinated biphenyls, Total	0.075	U	0.075	0.020	mg/Kg	☼	10/09/25 17:24	10/10/25 21:30	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
DCB Decachlorobiphenyl	*109*		*10 - 150*	*10/09/25 17:24*	*10/10/25 21:30*	*1*
DCB Decachlorobiphenyl	*119*		*10 - 150*	*10/09/25 17:24*	*10/10/25 21:30*	*1*
Tetrachloro-m-xylene	*95*		*10 - 150*	*10/09/25 17:24*	*10/10/25 21:30*	*1*
Tetrachloro-m-xylene	*100*		*10 - 150*	*10/09/25 17:24*	*10/10/25 21:30*	*1*

Method: EPA 1633A - Per- and Polyfluoroalkyl Substances by LC/MS/MS, 1633A

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Perfluorobutanoic acid (PFBA)	0.38	U	0.38	0.096	ug/Kg	☼	10/15/25 14:07	10/17/25 12:54	1

Client Sample ID: 5A_5-10
Date Collected: 10/08/25 09:35
Date Received: 10/08/25 17:00

Lab Sample ID: 460-336761-6
Matrix: Solid
Percent Solids: 88.8

Method: EPA 1633A - Per- and Polyfluoroalkyl Substances by LC/MS/MS, 1633A (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Perfluoropentanoic acid (PFPeA)	0.19	U	0.19	0.096	ug/Kg	☼	10/15/25 14:07	10/17/25 12:54	1
Perfluorohexanoic acid (PFHxA)	0.19	U	0.19	0.096	ug/Kg	☼	10/15/25 14:07	10/17/25 12:54	1
Perfluoroheptanoic acid (PFHpA)	0.19	U	0.19	0.096	ug/Kg	☼	10/15/25 14:07	10/17/25 12:54	1
Perfluorooctanoic acid (PFOA)	**0.15**	**J**	0.19	0.057	ug/Kg	☼	10/15/25 14:07	10/17/25 12:54	1
Perfluorononanoic acid (PFNA)	**0.32**		0.19	0.096	ug/Kg	☼	10/15/25 14:07	10/17/25 12:54	1
Perfluorodecanoic acid (PFDA)	**0.34**		0.19	0.057	ug/Kg	☼	10/15/25 14:07	10/17/25 12:54	1
Perfluoroundecanoic acid (PFUnA)	**3.38**		0.19	0.096	ug/Kg	☼	10/15/25 14:07	10/17/25 12:54	1
Perfluorododecanoic acid (PFDoA)	**0.71**		0.19	0.096	ug/Kg	☼	10/15/25 14:07	10/17/25 12:54	1
Perfluorotridecanoic acid (PFTrDA)	**10.0**		0.19	0.096	ug/Kg	☼	10/15/25 14:07	10/17/25 12:54	1
Perfluorotetradecanoic acid (PFTeDA)	**0.23**		0.19	0.096	ug/Kg	☼	10/15/25 14:07	10/17/25 12:54	1
Perfluorobutanesulfonic acid (PFBS)	0.19	U	0.19	0.096	ug/Kg	☼	10/15/25 14:07	10/17/25 12:54	1
Perfluoropentanesulfonic acid (PFPeS)	0.19	U	0.19	0.096	ug/Kg	☼	10/15/25 14:07	10/17/25 12:54	1
Perfluorohexanesulfonic acid (PFHxS)	0.19	U	0.19	0.096	ug/Kg	☼	10/15/25 14:07	10/17/25 12:54	1
Perfluoroheptanesulfonic acid (PFHpS)	0.19	U	0.19	0.096	ug/Kg	☼	10/15/25 14:07	10/17/25 12:54	1
Perfluorooctanesulfonic acid (PFOS)	0.19	U	0.19	0.096	ug/Kg	☼	10/15/25 14:07	10/17/25 12:54	1
Perfluorononanesulfonic acid (PFNS)	0.19	U	0.19	0.096	ug/Kg	☼	10/15/25 14:07	10/17/25 12:54	1
Perfluorodecanesulfonic acid (PFDS)	0.19	U	0.19	0.096	ug/Kg	☼	10/15/25 14:07	10/17/25 12:54	1
Perfluorododecanesulfonic acid (PFDoS)	0.19	U	0.19	0.096	ug/Kg	☼	10/15/25 14:07	10/17/25 12:54	1
1H,1H,2H,2H-Perfluorohexane sulfonic acid (4:2 FTS)	0.38	U	0.38	0.19	ug/Kg	☼	10/15/25 14:07	10/17/25 12:54	1
1H,1H,2H,2H-Perfluorooctane sulfonic acid (6:2 FTS)	0.38	U	0.38	0.19	ug/Kg	☼	10/15/25 14:07	10/17/25 12:54	1
1H,1H,2H,2H-Perfluorodecane sulfonic acid (8:2 FTS)	**0.49**		0.38	0.19	ug/Kg	☼	10/15/25 14:07	10/17/25 12:54	1
Perfluorooctanesulfonamide (PFOSA)	0.19	U	0.19	0.096	ug/Kg	☼	10/15/25 14:07	10/17/25 12:54	1
N-methylperfluorooctane sulfonamide (NMeFOSA)	0.19	U	0.19	0.096	ug/Kg	☼	10/15/25 14:07	10/17/25 12:54	1
N-ethylperfluorooctane sulfonamide (NEtFOSA)	0.19	U	0.19	0.096	ug/Kg	☼	10/15/25 14:07	10/17/25 12:54	1
N-methylperfluorooctanesulfonamidoacetic acid (NMeFOSAA)	0.19	U	0.19	0.096	ug/Kg	☼	10/15/25 14:07	10/17/25 12:54	1
N-ethylperfluorooctanesulfonamidoacetic acid (NEtFOSAA)	0.19	U	0.19	0.096	ug/Kg	☼	10/15/25 14:07	10/17/25 12:54	1
N-methylperfluorooctane sulfonamidoethanol (NMeFOSE)	0.96	U	0.96	0.48	ug/Kg	☼	10/15/25 14:07	10/17/25 12:54	1
N-ethylperfluorooctane sulfonamidoethanol (NEtFOSE)	0.96	U	0.96	0.48	ug/Kg	☼	10/15/25 14:07	10/17/25 12:54	1
Hexafluoropropylene Oxide Dimer Acid (HFPO-DA)	0.19	U	0.19	0.096	ug/Kg	☼	10/15/25 14:07	10/17/25 12:54	1
4,8-Dioxa-3H-perfluorononanoic acid (ADONA)	0.19	U	0.19	0.096	ug/Kg	☼	10/15/25 14:07	10/17/25 12:54	1
Perfluoro-3-methoxypropanoic acid (PFMPA)	0.19	U	0.19	0.096	ug/Kg	☼	10/15/25 14:07	10/17/25 12:54	1
Perfluoro-4-methoxybutanoic acid (PFMBA)	0.19	U	0.19	0.096	ug/Kg	☼	10/15/25 14:07	10/17/25 12:54	1
Nonafluoro-3,6-dioxaheptanoic acid (NFDHA)	0.19	U	0.19	0.096	ug/Kg	☼	10/15/25 14:07	10/17/25 12:54	1

Client Sample ID: 5A_5-10
Date Collected: 10/08/25 09:35
Date Received: 10/08/25 17:00

Lab Sample ID: 460-336761-6
Matrix: Solid
Percent Solids: 88.8

Method: EPA 1633A - Per- and Polyfluoroalkyl Substances by LC/MS/MS, 1633A (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
9-Chlorohexadecafluoro-3-oxanonane-1-sulfonic acid (9Cl-PF3ONS)	0.19	U	0.19	0.096	ug/Kg	☼	10/15/25 14:07	10/17/25 12:54	1
11-Chloroeicosafluoro-3-oxaundecane-1-sulfonic acid (11Cl-PF3OUdS)	0.19	U	0.19	0.096	ug/Kg	☼	10/15/25 14:07	10/17/25 12:54	1
Perfluoro (2-ethoxyethane) sulfonic acid (PFEESA)	0.19	U	0.19	0.096	ug/Kg	☼	10/15/25 14:07	10/17/25 12:54	1
3-Perfluoropropylpropanoic acid (3:3 FTCA)	0.38	U	0.38	0.19	ug/Kg	☼	10/15/25 14:07	10/17/25 12:54	1
3-Perfluoropentylpropanoic acid (5:3 FTCA)	0.96	U	0.96	0.48	ug/Kg	☼	10/15/25 14:07	10/17/25 12:54	1
3-Perfluoroheptylpropanoic acid (7:3 FTCA)	0.96	U	0.96	0.48	ug/Kg	☼	10/15/25 14:07	10/17/25 12:54	1

Isotope Dilution	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
13C4 PFBA	*71.5*		*8 - 130*	*10/15/25 14:07*	*10/17/25 12:54*	*1*
13C5 PFPeA	*74.2*		*35 - 130*	*10/15/25 14:07*	*10/17/25 12:54*	*1*
13C5 PFHxA	*68.7*		*40 - 130*	*10/15/25 14:07*	*10/17/25 12:54*	*1*
13C4 PFHpA	*76.8*		*40 - 130*	*10/15/25 14:07*	*10/17/25 12:54*	*1*
13C8 PFOA	*70.0*		*40 - 130*	*10/15/25 14:07*	*10/17/25 12:54*	*1*
13C9 PFNA	*77.3*		*40 - 130*	*10/15/25 14:07*	*10/17/25 12:54*	*1*
13C6 PFDA	*71.2*		*40 - 130*	*10/15/25 14:07*	*10/17/25 12:54*	*1*
13C7 PFUnA	*67.4*		*40 - 130*	*10/15/25 14:07*	*10/17/25 12:54*	*1*
13C2 PFTeDA	*56.8*		*20 - 130*	*10/15/25 14:07*	*10/17/25 12:54*	*1*
13C3 PFBS	*67.3*		*40 - 135*	*10/15/25 14:07*	*10/17/25 12:54*	*1*
13C3 PFHxS	*70.4*		*40 - 130*	*10/15/25 14:07*	*10/17/25 12:54*	*1*
13C8 PFOS	*74.5*		*40 - 130*	*10/15/25 14:07*	*10/17/25 12:54*	*1*
13C8 FOSA	*68.3*		*40 - 130*	*10/15/25 14:07*	*10/17/25 12:54*	*1*
d3-NMeFOSAA	*64.3*		*40 - 135*	*10/15/25 14:07*	*10/17/25 12:54*	*1*
d5-NEtFOSAA	*63.8*		*40 - 150*	*10/15/25 14:07*	*10/17/25 12:54*	*1*
13C2 4:2 FTS	*74.5*		*40 - 165*	*10/15/25 14:07*	*10/17/25 12:54*	*1*
13C2 6:2 FTS	*69.8*		*40 - 215*	*10/15/25 14:07*	*10/17/25 12:54*	*1*
13C2 8:2 FTS	*76.0*		*40 - 275*	*10/15/25 14:07*	*10/17/25 12:54*	*1*
13C3 HFPO-DA	*74.7*		*40 - 130*	*10/15/25 14:07*	*10/17/25 12:54*	*1*
d7-N-MeFOSE-M	*41.2*		*20 - 130*	*10/15/25 14:07*	*10/17/25 12:54*	*1*
d9-N-EtFOSE-M	*33.6*		*15 - 130*	*10/15/25 14:07*	*10/17/25 12:54*	*1*
d5-NEtPFOSA	*56.2*		*10 - 130*	*10/15/25 14:07*	*10/17/25 12:54*	*1*
d3-NMePFOSA	*56.6*		*10 - 130*	*10/15/25 14:07*	*10/17/25 12:54*	*1*
13C2 PFDoA	*61.3*		*40 - 130*	*10/15/25 14:07*	*10/17/25 12:54*	*1*

Method: SW846 6020B - Metals (ICP/MS)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Aluminum	**10500**		20.5	5.6	mg/Kg	☼	10/15/25 11:04	10/15/25 16:55	1
Antimony	**0.99**	**J**	1.0	0.15	mg/Kg	☼	10/15/25 11:04	10/15/25 16:55	1
Arsenic	**6.9**		1.0	0.11	mg/Kg	☼	10/15/25 11:04	10/15/25 16:55	1
Barium	**104**		2.0	0.15	mg/Kg	☼	10/15/25 11:04	10/15/25 16:55	1
Beryllium	**3.9**		0.41	0.023	mg/Kg	☼	10/15/25 11:04	10/15/25 16:55	1
Cadmium	**0.49**	**J**	1.0	0.12	mg/Kg	☼	10/15/25 11:04	10/15/25 16:55	1
Calcium	**2150**		102	10	mg/Kg	☼	10/15/25 11:04	10/15/25 16:55	1
Chromium	**62.6**		2.0	0.30	mg/Kg	☼	10/15/25 11:04	10/15/25 16:55	1
Cobalt	**14.2**		1.0	0.15	mg/Kg	☼	10/15/25 11:04	10/15/25 16:55	1
Copper	**139**		2.0	0.38	mg/Kg	☼	10/15/25 11:04	10/15/25 16:55	1
Iron	**26400**		61.4	7.8	mg/Kg	☼	10/15/25 11:04	10/15/25 16:55	1

Client Sample ID: 5A_5-10

Date Collected: 10/08/25 09:35
Date Received: 10/08/25 17:00

Lab Sample ID: 460-336761-6

Matrix: Solid
Percent Solids: 88.8

Method: SW846 6020B - Metals (ICP/MS) (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Lead	463		0.61	0.20	mg/Kg	☼	10/15/25 11:04	10/15/25 16:55	1
Magnesium	2920		102	10.4	mg/Kg	☼	10/15/25 11:04	10/15/25 16:55	1
Manganese	297		4.1	0.41	mg/Kg	☼	10/15/25 11:04	10/15/25 16:55	1
Nickel	63.6		2.0	0.18	mg/Kg	☼	10/15/25 11:04	10/15/25 16:55	1
Potassium	1260		102	16.6	mg/Kg	☼	10/15/25 11:04	10/15/25 16:55	1
Selenium	0.41	J	1.3	0.13	mg/Kg	☼	10/15/25 11:04	10/15/25 16:55	1
Silver	0.29	J	0.41	0.091	mg/Kg	☼	10/15/25 11:04	10/15/25 16:55	1
Sodium	199		102	46.8	mg/Kg	☼	10/15/25 11:04	10/15/25 16:55	1
Thallium	0.13	J	0.41	0.042	mg/Kg	☼	10/15/25 11:04	10/15/25 16:55	1
Vanadium	28.6		2.0	0.21	mg/Kg	☼	10/15/25 11:04	10/15/25 16:55	1
Zinc	576		8.2	1.1	mg/Kg	☼	10/15/25 11:04	10/15/25 16:55	1

Method: SW846 7471B - Mercury (CVAA)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	0.036		0.019	0.0089	mg/Kg	☼	10/17/25 05:53	10/17/25 12:35	1

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Percent Moisture (EPA Moisture)	11.2		1.0	1.0	%			10/09/25 15:51	1
Percent Solids (EPA Moisture)	88.8		1.0	1.0	%			10/09/25 15:51	1

Client Sample ID: 5B_0-5

Date Collected: 10/08/25 09:40
Date Received: 10/08/25 17:00

Lab Sample ID: 460-336761-7

Matrix: Solid
Percent Solids: 91.0

Method: SW846 8270E - Semivolatile Organic Compounds (GC/MS)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1'-Biphenyl	0.36	U	0.36	0.013	mg/Kg	☼	10/10/25 06:36	10/10/25 13:10	1
1,2,4,5-Tetrachlorobenzene	0.36	U	0.36	0.011	mg/Kg	☼	10/10/25 06:36	10/10/25 13:10	1
1,4-Dioxane	0.036	U	0.036	0.032	mg/Kg	☼	10/10/25 06:36	10/10/25 13:10	1
2,2'-oxybis[1-chloropropane]	0.36	U	0.36	0.022	mg/Kg	☼	10/10/25 06:36	10/10/25 13:10	1
2,3,4,6-Tetrachlorophenol	0.36	U	0.36	0.025	mg/Kg	☼	10/10/25 06:36	10/10/25 13:10	1
2,4,5-Trichlorophenol	0.36	U	0.36	0.037	mg/Kg	☼	10/10/25 06:36	10/10/25 13:10	1
2,4,6-Trichlorophenol	0.15	U	0.15	0.047	mg/Kg	☼	10/10/25 06:36	10/10/25 13:10	1
2,4-Dichlorophenol	0.15	U	0.15	0.023	mg/Kg	☼	10/10/25 06:36	10/10/25 13:10	1
2,4-Dimethylphenol	0.36	U	0.36	0.043	mg/Kg	☼	10/10/25 06:36	10/10/25 13:10	1
2,4-Dinitrophenol	0.29	U	0.29	0.18	mg/Kg	☼	10/10/25 06:36	10/10/25 13:10	1
2,4-Dinitrotoluene	0.074	U	0.074	0.039	mg/Kg	☼	10/10/25 06:36	10/10/25 13:10	1
2,6-Dinitrotoluene	0.074	U	0.074	0.026	mg/Kg	☼	10/10/25 06:36	10/10/25 13:10	1
2-Chloronaphthalene	0.36	U	0.36	0.047	mg/Kg	☼	10/10/25 06:36	10/10/25 13:10	1
2-Chlorophenol	0.36	U	0.36	0.013	mg/Kg	☼	10/10/25 06:36	10/10/25 13:10	1
2-Methylnaphthalene	0.36	U	0.36	0.010	mg/Kg	☼	10/10/25 06:36	10/10/25 13:10	1
2-Methylphenol	0.36	U	0.36	0.014	mg/Kg	☼	10/10/25 06:36	10/10/25 13:10	1
2-Nitroaniline	0.36	U	0.36	0.028	mg/Kg	☼	10/10/25 06:36	10/10/25 13:10	1
2-Nitrophenol	0.36	U	0.36	0.036	mg/Kg	☼	10/10/25 06:36	10/10/25 13:10	1
3 & 4 Methylphenol	0.36	U	0.36	0.023	mg/Kg	☼	10/10/25 06:36	10/10/25 13:10	1
3,3'-Dichlorobenzidine	0.15	U	0.15	0.055	mg/Kg	☼	10/10/25 06:36	10/10/25 13:10	1
3-Nitroaniline	0.36	U	0.36	0.086	mg/Kg	☼	10/10/25 06:36	10/10/25 13:10	1
4,6-Dinitro-2-methylphenol	0.29	U	0.29	0.15	mg/Kg	☼	10/10/25 06:36	10/10/25 13:10	1
4-Bromophenyl phenyl ether	0.36	U	0.36	0.014	mg/Kg	☼	10/10/25 06:36	10/10/25 13:10	1

Client Sample ID: 5B_0-5
Date Collected: 10/08/25 09:40
Date Received: 10/08/25 17:00

Lab Sample ID: 460-336761-7
Matrix: Solid
Percent Solids: 91.0

Method: SW846 8270E - Semivolatile Organic Compounds (GC/MS) (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
4-Chloro-3-methylphenol	0.36	U	0.36	0.020	mg/Kg	☼	10/10/25 06:36	10/10/25 13:10	1
4-Chloroaniline	0.36	U	0.36	0.064	mg/Kg	☼	10/10/25 06:36	10/10/25 13:10	1
4-Chlorophenyl phenyl ether	0.36	U	0.36	0.013	mg/Kg	☼	10/10/25 06:36	10/10/25 13:10	1
4-Methylphenol	0.36	U	0.36	0.023	mg/Kg	☼	10/10/25 06:36	10/10/25 13:10	1
4-Nitroaniline	0.36	U	0.36	0.092	mg/Kg	☼	10/10/25 06:36	10/10/25 13:10	1
4-Nitrophenol	0.74	U	0.74	0.059	mg/Kg	☼	10/10/25 06:36	10/10/25 13:10	1
Acenaphthene	0.36	U	0.36	0.010	mg/Kg	☼	10/10/25 06:36	10/10/25 13:10	1
Acenaphthylene	0.36	U	0.36	0.010	mg/Kg	☼	10/10/25 06:36	10/10/25 13:10	1
Acetophenone	0.36	U	0.36	0.018	mg/Kg	☼	10/10/25 06:36	10/10/25 13:10	1
Anthracene	0.36	U	0.36	0.011	mg/Kg	☼	10/10/25 06:36	10/10/25 13:10	1
Atrazine	0.15	U	0.15	0.021	mg/Kg	☼	10/10/25 06:36	10/10/25 13:10	1
Benzaldehyde	0.36	U	0.36	0.060	mg/Kg	☼	10/10/25 06:36	10/10/25 13:10	1
Benzo[a]anthracene	0.036	U	0.036	0.027	mg/Kg	☼	10/10/25 06:36	10/10/25 13:10	1
Benzo[a]pyrene	0.036	U	0.036	0.0097	mg/Kg	☼	10/10/25 06:36	10/10/25 13:10	1
Benzo[b]fluoranthene	0.036	U	0.036	0.0094	mg/Kg	☼	10/10/25 06:36	10/10/25 13:10	1
Benzo[g,h,i]perylene	0.36	U	0.36	0.011	mg/Kg	☼	10/10/25 06:36	10/10/25 13:10	1
Benzo[k]fluoranthene	0.036	U	0.036	0.0071	mg/Kg	☼	10/10/25 06:36	10/10/25 13:10	1
Bis(2-chloroethoxy)methane	0.36	U	0.36	0.067	mg/Kg	☼	10/10/25 06:36	10/10/25 13:10	1
Bis(2-chloroethyl)ether	0.036	U	0.036	0.013	mg/Kg	☼	10/10/25 06:36	10/10/25 13:10	1
Bis(2-ethylhexyl) phthalate	0.36	U	0.36	0.019	mg/Kg	☼	10/10/25 06:36	10/10/25 13:10	1
Butyl benzyl phthalate	0.36	U	0.36	0.017	mg/Kg	☼	10/10/25 06:36	10/10/25 13:10	1
Caprolactam	0.36	U	0.36	0.056	mg/Kg	☼	10/10/25 06:36	10/10/25 13:10	1
Carbazole	0.36	U	0.36	0.014	mg/Kg	☼	10/10/25 06:36	10/10/25 13:10	1
Chrysene	0.36	U	0.36	0.015	mg/Kg	☼	10/10/25 06:36	10/10/25 13:10	1
Dibenz(a,h)anthracene	0.036	U	0.036	0.016	mg/Kg	☼	10/10/25 06:36	10/10/25 13:10	1
Dibenzofuran	0.36	U	0.36	0.012	mg/Kg	☼	10/10/25 06:36	10/10/25 13:10	1
Diethyl phthalate	0.36	U	0.36	0.012	mg/Kg	☼	10/10/25 06:36	10/10/25 13:10	1
Dimethyl phthalate	0.36	U	0.36	0.082	mg/Kg	☼	10/10/25 06:36	10/10/25 13:10	1
Di-n-butyl phthalate	**0.050**	**J**	0.36	0.014	mg/Kg	☼	10/10/25 06:36	10/10/25 13:10	1
Di-n-octyl phthalate	0.36	U	0.36	0.019	mg/Kg	☼	10/10/25 06:36	10/10/25 13:10	1
Fluoranthene	0.36	U	0.36	0.013	mg/Kg	☼	10/10/25 06:36	10/10/25 13:10	1
Fluorene	0.36	U	0.36	0.011	mg/Kg	☼	10/10/25 06:36	10/10/25 13:10	1
Hexachlorobenzene	0.036	U	0.036	0.017	mg/Kg	☼	10/10/25 06:36	10/10/25 13:10	1
Hexachlorobutadiene	0.074	U	0.074	0.0077	mg/Kg	☼	10/10/25 06:36	10/10/25 13:10	1
Hexachlorocyclopentadiene	0.36	U	0.36	0.032	mg/Kg	☼	10/10/25 06:36	10/10/25 13:10	1
Hexachloroethane	0.036	U	0.036	0.012	mg/Kg	☼	10/10/25 06:36	10/10/25 13:10	1
Indeno[1,2,3-cd]pyrene	0.036	U	0.036	0.014	mg/Kg	☼	10/10/25 06:36	10/10/25 13:10	1
Isophorone	0.15	U	0.15	0.10	mg/Kg	☼	10/10/25 06:36	10/10/25 13:10	1
Naphthalene	0.36	U	0.36	0.0063	mg/Kg	☼	10/10/25 06:36	10/10/25 13:10	1
Nitrobenzene	0.036	U	0.036	0.020	mg/Kg	☼	10/10/25 06:36	10/10/25 13:10	1
N-Nitrosodi-n-propylamine	0.036	U	0.036	0.026	mg/Kg	☼	10/10/25 06:36	10/10/25 13:10	1
N-Nitrosodiphenylamine	0.36	U	0.36	0.030	mg/Kg	☼	10/10/25 06:36	10/10/25 13:10	1
Pentachlorophenol	0.29	U	0.29	0.074	mg/Kg	☼	10/10/25 06:36	10/10/25 13:10	1
Phenanthrene	0.36	U	0.36	0.015	mg/Kg	☼	10/10/25 06:36	10/10/25 13:10	1
Phenol	0.36	U	0.36	0.013	mg/Kg	☼	10/10/25 06:36	10/10/25 13:10	1
Pyrene	0.36	U	0.36	0.0090	mg/Kg	☼	10/10/25 06:36	10/10/25 13:10	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
2,4,6-Tribromophenol (Surr)	*78*		*18 - 137*	*10/10/25 06:36*	*10/10/25 13:10*	*1*
2-Fluorobiphenyl	*69*		*33 - 117*	*10/10/25 06:36*	*10/10/25 13:10*	*1*

Client Sample ID: 5B_0-5
Date Collected: 10/08/25 09:40
Date Received: 10/08/25 17:00

Lab Sample ID: 460-336761-7
Matrix: Solid
Percent Solids: 91.0

Method: SW846 8270E - Semivolatile Organic Compounds (GC/MS) (Continued)

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
2-Fluorophenol (Surr)	74		24 - 120	10/10/25 06:36	10/10/25 13:10	1
Nitrobenzene-d5 (Surr)	70		27 - 120	10/10/25 06:36	10/10/25 13:10	1
Phenol-d5 (Surr)	70		28 - 118	10/10/25 06:36	10/10/25 13:10	1
Terphenyl-d14 (Surr)	76		33 - 124	10/10/25 06:36	10/10/25 13:10	1

Method: SW846 8081B - Organochlorine Pesticides (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
4,4'-DDD	0.0074	U	0.0074	0.0013	mg/Kg	☼	10/09/25 17:52	10/10/25 16:31	1
4,4'-DDE	0.0074	U	0.0074	0.00087	mg/Kg	☼	10/09/25 17:52	10/10/25 16:31	1
4,4'-DDT	0.0074	U	0.0074	0.0014	mg/Kg	☼	10/09/25 17:52	10/10/25 16:31	1
Aldrin	0.0074	U	0.0074	0.0011	mg/Kg	☼	10/09/25 17:52	10/10/25 16:31	1
alpha-BHC	0.0022	U	0.0022	0.00075	mg/Kg	☼	10/09/25 17:52	10/10/25 16:31	1
beta-BHC	0.0022	U	0.0022	0.00082	mg/Kg	☼	10/09/25 17:52	10/10/25 16:31	1
Chlordane (technical)	0.074	U	0.074	0.018	mg/Kg	☼	10/09/25 17:52	10/10/25 16:31	1
cis-Chlordane	0.0074	U	0.0074	0.0012	mg/Kg	☼	10/09/25 17:52	10/10/25 16:31	1
delta-BHC	0.0022	U	0.0022	0.00045	mg/Kg	☼	10/09/25 17:52	10/10/25 16:31	1
Dieldrin	0.0022	U	0.0022	0.00096	mg/Kg	☼	10/09/25 17:52	10/10/25 16:31	1
Endosulfan I	0.0074	U	0.0074	0.0011	mg/Kg	☼	10/09/25 17:52	10/10/25 16:31	1
Endosulfan II	0.0074	U	0.0074	0.0019	mg/Kg	☼	10/09/25 17:52	10/10/25 16:31	1
Endosulfan sulfate	0.0074	U	0.0074	0.00092	mg/Kg	☼	10/09/25 17:52	10/10/25 16:31	1
Endrin	0.0074	U	0.0074	0.0011	mg/Kg	☼	10/09/25 17:52	10/10/25 16:31	1
Endrin aldehyde	0.0074	U	0.0074	0.0017	mg/Kg	☼	10/09/25 17:52	10/10/25 16:31	1
Endrin ketone	0.0074	U	0.0074	0.0014	mg/Kg	☼	10/09/25 17:52	10/10/25 16:31	1
gamma-BHC (Lindane)	0.0022	U	0.0022	0.00068	mg/Kg	☼	10/09/25 17:52	10/10/25 16:31	1
Heptachlor	0.0074	U	0.0074	0.00087	mg/Kg	☼	10/09/25 17:52	10/10/25 16:31	1
Heptachlor epoxide	0.0074	U	0.0074	0.0011	mg/Kg	☼	10/09/25 17:52	10/10/25 16:31	1
Methoxychlor	0.0074	U	0.0074	0.0017	mg/Kg	☼	10/09/25 17:52	10/10/25 16:31	1
Toxaphene	0.074	U	0.074	0.027	mg/Kg	☼	10/09/25 17:52	10/10/25 16:31	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
DCB Decachlorobiphenyl	118		10 - 150	10/09/25 17:52	10/10/25 16:31	1
DCB Decachlorobiphenyl	116		10 - 150	10/09/25 17:52	10/10/25 16:31	1
Tetrachloro-m-xylene	98		14 - 150	10/09/25 17:52	10/10/25 16:31	1
Tetrachloro-m-xylene	96		14 - 150	10/09/25 17:52	10/10/25 16:31	1

Method: SW846 8082A - Polychlorinated Biphenyls (PCBs) by Gas Chromatography

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Aroclor 1016	0.074	U	0.074	0.020	mg/Kg	☼	10/09/25 17:24	10/10/25 21:47	1
Aroclor 1221	0.074	U	0.074	0.020	mg/Kg	☼	10/09/25 17:24	10/10/25 21:47	1
Aroclor 1232	0.074	U	0.074	0.020	mg/Kg	☼	10/09/25 17:24	10/10/25 21:47	1
Aroclor 1242	0.074	U	0.074	0.020	mg/Kg	☼	10/09/25 17:24	10/10/25 21:47	1
Aroclor 1248	0.074	U	0.074	0.020	mg/Kg	☼	10/09/25 17:24	10/10/25 21:47	1
Aroclor 1254	0.074	U	0.074	0.020	mg/Kg	☼	10/09/25 17:24	10/10/25 21:47	1
Aroclor 1260	0.074	U	0.074	0.020	mg/Kg	☼	10/09/25 17:24	10/10/25 21:47	1
Aroclor-1262	0.074	U	0.074	0.020	mg/Kg	☼	10/09/25 17:24	10/10/25 21:47	1
Aroclor 1268	0.074	U	0.074	0.020	mg/Kg	☼	10/09/25 17:24	10/10/25 21:47	1
Polychlorinated biphenyls, Total	0.074	U	0.074	0.020	mg/Kg	☼	10/09/25 17:24	10/10/25 21:47	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
DCB Decachlorobiphenyl	110		10 - 150	10/09/25 17:24	10/10/25 21:47	1

Client Sample ID: 5B_0-5
Date Collected: 10/08/25 09:40
Date Received: 10/08/25 17:00

Lab Sample ID: 460-336761-7
Matrix: Solid
Percent Solids: 91.0

Method: SW846 8082A - Polychlorinated Biphenyls (PCBs) by Gas Chromatography (Continued)

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
DCB Decachlorobiphenyl	*120*		*10 - 150*	*10/09/25 17:24*	*10/10/25 21:47*	*1*
Tetrachloro-m-xylene	*95*		*10 - 150*	*10/09/25 17:24*	*10/10/25 21:47*	*1*
Tetrachloro-m-xylene	*101*		*10 - 150*	*10/09/25 17:24*	*10/10/25 21:47*	*1*

Method: EPA 1633A - Per- and Polyfluoroalkyl Substances by LC/MS/MS, 1633A

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Perfluorobutanoic acid (PFBA)	0.39	U	0.39	0.097	ug/Kg	☼	10/15/25 14:07	10/17/25 13:08	1
Perfluoropentanoic acid (PFPeA)	**0.10**	**J**	0.19	0.097	ug/Kg	☼	10/15/25 14:07	10/17/25 13:08	1
Perfluorohexanoic acid (PFHxA)	**0.12**	**J**	0.19	0.097	ug/Kg	☼	10/15/25 14:07	10/17/25 13:08	1
Perfluoroheptanoic acid (PFHpA)	**0.23**		0.19	0.097	ug/Kg	☼	10/15/25 14:07	10/17/25 13:08	1
Perfluorooctanoic acid (PFOA)	**0.50**		0.19	0.058	ug/Kg	☼	10/15/25 14:07	10/17/25 13:08	1
Perfluorononanoic acid (PFNA)	**1.36**		0.19	0.097	ug/Kg	☼	10/15/25 14:07	10/17/25 13:08	1
Perfluorodecanoic acid (PFDA)	**1.71**		0.19	0.058	ug/Kg	☼	10/15/25 14:07	10/17/25 13:08	1
Perfluoroundecanoic acid (PFUnA)	**7.86**		0.19	0.097	ug/Kg	☼	10/15/25 14:07	10/17/25 13:08	1
Perfluorododecanoic acid (PFDoA)	**0.90**		0.19	0.097	ug/Kg	☼	10/15/25 14:07	10/17/25 13:08	1
Perfluorotridecanoic acid (PFTrDA)	**6.19**		0.19	0.097	ug/Kg	☼	10/15/25 14:07	10/17/25 13:08	1
Perfluorotetradecanoic acid (PFTeDA)	**0.21**		0.19	0.097	ug/Kg	☼	10/15/25 14:07	10/17/25 13:08	1
Perfluorobutanesulfonic acid (PFBS)	0.19	U	0.19	0.097	ug/Kg	☼	10/15/25 14:07	10/17/25 13:08	1
Perfluoropentanesulfonic acid (PFPeS)	0.19	U	0.19	0.097	ug/Kg	☼	10/15/25 14:07	10/17/25 13:08	1
Perfluorohexanesulfonic acid (PFHxS)	0.19	U	0.19	0.097	ug/Kg	☼	10/15/25 14:07	10/17/25 13:08	1
Perfluoroheptanesulfonic acid (PFHpS)	0.19	U	0.19	0.097	ug/Kg	☼	10/15/25 14:07	10/17/25 13:08	1
Perfluorooctanesulfonic acid (PFOS)	0.19	U	0.19	0.097	ug/Kg	☼	10/15/25 14:07	10/17/25 13:08	1
Perfluorononanesulfonic acid (PFNS)	0.19	U	0.19	0.097	ug/Kg	☼	10/15/25 14:07	10/17/25 13:08	1
Perfluorodecanesulfonic acid (PFDS)	0.19	U	0.19	0.097	ug/Kg	☼	10/15/25 14:07	10/17/25 13:08	1
Perfluorododecanesulfonic acid (PFDoS)	0.19	U	0.19	0.097	ug/Kg	☼	10/15/25 14:07	10/17/25 13:08	1
1H,1H,2H,2H-Perfluorohexane sulfonic acid (4:2 FTS)	0.39	U	0.39	0.19	ug/Kg	☼	10/15/25 14:07	10/17/25 13:08	1
1H,1H,2H,2H-Perfluorooctane sulfonic acid (6:2 FTS)	**0.33**	**J**	0.39	0.19	ug/Kg	☼	10/15/25 14:07	10/17/25 13:08	1
1H,1H,2H,2H-Perfluorodecane sulfonic acid (8:2 FTS)	**1.26**		0.39	0.19	ug/Kg	☼	10/15/25 14:07	10/17/25 13:08	1
Perfluorooctanesulfonamide (PFOSA)	0.19	U	0.19	0.097	ug/Kg	☼	10/15/25 14:07	10/17/25 13:08	1
N-methylperfluorooctane sulfonamide (NMeFOSA)	0.19	U	0.19	0.097	ug/Kg	☼	10/15/25 14:07	10/17/25 13:08	1
N-ethylperfluorooctane sulfonamide (NEtFOSA)	0.19	U	0.19	0.097	ug/Kg	☼	10/15/25 14:07	10/17/25 13:08	1
N-methylperfluorooctanesulfonamidoacetic acid (NMeFOSAA)	0.19	U	0.19	0.097	ug/Kg	☼	10/15/25 14:07	10/17/25 13:08	1
N-ethylperfluorooctanesulfonamidoacetic acid (NEtFOSAA)	0.19	U	0.19	0.097	ug/Kg	☼	10/15/25 14:07	10/17/25 13:08	1
N-methylperfluorooctane sulfonamidoethanol (NMeFOSE)	0.97	U	0.97	0.49	ug/Kg	☼	10/15/25 14:07	10/17/25 13:08	1
N-ethylperfluorooctane sulfonamidoethanol (NEtFOSE)	0.97	U	0.97	0.49	ug/Kg	☼	10/15/25 14:07	10/17/25 13:08	1
Hexafluoropropylene Oxide Dimer Acid (HFPO-DA)	0.19	U	0.19	0.097	ug/Kg	☼	10/15/25 14:07	10/17/25 13:08	1

Client Sample ID: 5B_0-5
Date Collected: 10/08/25 09:40
Date Received: 10/08/25 17:00

Lab Sample ID: 460-336761-7
Matrix: Solid
Percent Solids: 91.0

Method: EPA 1633A - Per- and Polyfluoroalkyl Substances by LC/MS/MS, 1633A (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
4,8-Dioxa-3H-perfluorononanoic acid (ADONA)	0.19	U	0.19	0.097	ug/Kg	☼	10/15/25 14:07	10/17/25 13:08	1
Perfluoro-3-methoxypropanoic acid (PFMPA)	0.19	U	0.19	0.097	ug/Kg	☼	10/15/25 14:07	10/17/25 13:08	1
Perfluoro-4-methoxybutanoic acid (PFMBA)	0.19	U	0.19	0.097	ug/Kg	☼	10/15/25 14:07	10/17/25 13:08	1
Nonafluoro-3,6-dioxaheptanoic acid (NFDHA)	0.19	U	0.19	0.097	ug/Kg	☼	10/15/25 14:07	10/17/25 13:08	1
9-Chlorohexadecafluoro-3-oxanonane-1-sulfonic acid (9Cl-PF3ONS)	0.19	U	0.19	0.097	ug/Kg	☼	10/15/25 14:07	10/17/25 13:08	1
11-Chloroeicosafluoro-3-oxaundecane-1-sulfonic acid (11Cl-PF3OUdS)	0.19	U	0.19	0.097	ug/Kg	☼	10/15/25 14:07	10/17/25 13:08	1
Perfluoro (2-ethoxyethane) sulfonic acid (PFEESA)	0.19	U	0.19	0.097	ug/Kg	☼	10/15/25 14:07	10/17/25 13:08	1
3-Perfluoropropylpropanoic acid (3:3 FTCA)	0.39	U	0.39	0.19	ug/Kg	☼	10/15/25 14:07	10/17/25 13:08	1
3-Perfluoropentylpropanoic acid (5:3 FTCA)	0.97	U	0.97	0.49	ug/Kg	☼	10/15/25 14:07	10/17/25 13:08	1
3-Perfluoroheptylpropanoic acid (7:3 FTCA)	0.97	U	0.97	0.49	ug/Kg	☼	10/15/25 14:07	10/17/25 13:08	1

Isotope Dilution	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
13C4 PFBA	*85.5*		*8 - 130*	*10/15/25 14:07*	*10/17/25 13:08*	*1*
13C5 PFPeA	*92.8*		*35 - 130*	*10/15/25 14:07*	*10/17/25 13:08*	*1*
13C5 PFHxA	*84.6*		*40 - 130*	*10/15/25 14:07*	*10/17/25 13:08*	*1*
13C4 PFHpA	*95.1*		*40 - 130*	*10/15/25 14:07*	*10/17/25 13:08*	*1*
13C8 PFOA	*88.4*		*40 - 130*	*10/15/25 14:07*	*10/17/25 13:08*	*1*
13C9 PFNA	*95.4*		*40 - 130*	*10/15/25 14:07*	*10/17/25 13:08*	*1*
13C6 PFDA	*83.9*		*40 - 130*	*10/15/25 14:07*	*10/17/25 13:08*	*1*
13C7 PFUnA	*82.5*		*40 - 130*	*10/15/25 14:07*	*10/17/25 13:08*	*1*
13C2 PFTeDA	*55.8*		*20 - 130*	*10/15/25 14:07*	*10/17/25 13:08*	*1*
13C3 PFBS	*85.6*		*40 - 135*	*10/15/25 14:07*	*10/17/25 13:08*	*1*
13C3 PFHxS	*88.9*		*40 - 130*	*10/15/25 14:07*	*10/17/25 13:08*	*1*
13C8 PFOS	*89.8*		*40 - 130*	*10/15/25 14:07*	*10/17/25 13:08*	*1*
13C8 FOSA	*87.7*		*40 - 130*	*10/15/25 14:07*	*10/17/25 13:08*	*1*
d3-NMeFOSAA	*74.8*		*40 - 135*	*10/15/25 14:07*	*10/17/25 13:08*	*1*
d5-NEtFOSAA	*71.6*		*40 - 150*	*10/15/25 14:07*	*10/17/25 13:08*	*1*
13C2 4:2 FTS	*97.5*		*40 - 165*	*10/15/25 14:07*	*10/17/25 13:08*	*1*
13C2 6:2 FTS	*93.0*		*40 - 215*	*10/15/25 14:07*	*10/17/25 13:08*	*1*
13C2 8:2 FTS	*90.7*		*40 - 275*	*10/15/25 14:07*	*10/17/25 13:08*	*1*
13C3 HFPO-DA	*86.0*		*40 - 130*	*10/15/25 14:07*	*10/17/25 13:08*	*1*
d7-N-MeFOSE-M	*54.1*		*20 - 130*	*10/15/25 14:07*	*10/17/25 13:08*	*1*
d9-N-EtFOSE-M	*43.7*		*15 - 130*	*10/15/25 14:07*	*10/17/25 13:08*	*1*
d5-NEtPFOSA	*67.0*		*10 - 130*	*10/15/25 14:07*	*10/17/25 13:08*	*1*
d3-NMePFOSA	*70.5*		*10 - 130*	*10/15/25 14:07*	*10/17/25 13:08*	*1*
13C2 PFDoA	*74.3*		*40 - 130*	*10/15/25 14:07*	*10/17/25 13:08*	*1*

Method: SW846 6020B - Metals (ICP/MS)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Aluminum	**8930**		20.3	5.6	mg/Kg	☼	10/15/25 11:04	10/15/25 16:58	1
Antimony	**0.83**	**J**	1.0	0.15	mg/Kg	☼	10/15/25 11:04	10/15/25 16:58	1
Arsenic	**5.9**		1.0	0.10	mg/Kg	☼	10/15/25 11:04	10/15/25 16:58	1
Barium	**58.6**		2.0	0.15	mg/Kg	☼	10/15/25 11:04	10/15/25 16:58	1

Client Sample ID: 5B_0-5

Date Collected: 10/08/25 09:40
Date Received: 10/08/25 17:00

Lab Sample ID: 460-336761-7
Matrix: Solid
Percent Solids: 91.0

Method: SW846 6020B - Metals (ICP/MS) (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Beryllium	1.2		0.41	0.022	mg/Kg	☼	10/15/25 11:04	10/15/25 16:58	1
Cadmium	0.25	J	1.0	0.11	mg/Kg	☼	10/15/25 11:04	10/15/25 16:58	1
Calcium	1410		102	9.9	mg/Kg	☼	10/15/25 11:04	10/15/25 16:58	1
Chromium	31.9		2.0	0.30	mg/Kg	☼	10/15/25 11:04	10/15/25 16:58	1
Cobalt	11.5		1.0	0.15	mg/Kg	☼	10/15/25 11:04	10/15/25 16:58	1
Copper	94.8		2.0	0.37	mg/Kg	☼	10/15/25 11:04	10/15/25 16:58	1
Iron	23000		61.0	7.8	mg/Kg	☼	10/15/25 11:04	10/15/25 16:58	1
Lead	149		0.61	0.20	mg/Kg	☼	10/15/25 11:04	10/15/25 16:58	1
Magnesium	3030		102	10.4	mg/Kg	☼	10/15/25 11:04	10/15/25 16:58	1
Manganese	243		4.1	0.41	mg/Kg	☼	10/15/25 11:04	10/15/25 16:58	1
Nickel	51.0		2.0	0.18	mg/Kg	☼	10/15/25 11:04	10/15/25 16:58	1
Potassium	1170		102	16.5	mg/Kg	☼	10/15/25 11:04	10/15/25 16:58	1
Selenium	0.66	J	1.3	0.13	mg/Kg	☼	10/15/25 11:04	10/15/25 16:58	1
Silver	0.20	J	0.41	0.091	mg/Kg	☼	10/15/25 11:04	10/15/25 16:58	1
Sodium	94.9	J	102	46.5	mg/Kg	☼	10/15/25 11:04	10/15/25 16:58	1
Thallium	0.12	J	0.41	0.042	mg/Kg	☼	10/15/25 11:04	10/15/25 16:58	1
Vanadium	26.9		2.0	0.21	mg/Kg	☼	10/15/25 11:04	10/15/25 16:58	1
Zinc	278		8.1	1.1	mg/Kg	☼	10/15/25 11:04	10/15/25 16:58	1

Method: SW846 7471B - Mercury (CVAA)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	0.052		0.018	0.0085	mg/Kg	☼	10/17/25 05:53	10/17/25 12:38	1

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Percent Moisture (EPA Moisture)	9.0		1.0	1.0	%			10/09/25 15:51	1
Percent Solids (EPA Moisture)	91.0		1.0	1.0	%			10/09/25 15:51	1

Client Sample ID: 5B_5-10

Date Collected: 10/08/25 09:45
Date Received: 10/08/25 17:00

Lab Sample ID: 460-336761-8
Matrix: Solid
Percent Solids: 92.2

Method: SW846 8270E - Semivolatile Organic Compounds (GC/MS)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1'-Biphenyl	0.36	U	0.36	0.012	mg/Kg	☼	10/10/25 08:26	10/10/25 22:39	1
1,2,4,5-Tetrachlorobenzene	0.36	U	0.36	0.011	mg/Kg	☼	10/10/25 08:26	10/10/25 22:39	1
1,4-Dioxane	0.036	U	0.036	0.031	mg/Kg	☼	10/10/25 08:26	10/10/25 22:39	1
2,2'-oxybis[1-chloropropane]	0.36	U	0.36	0.021	mg/Kg	☼	10/10/25 08:26	10/10/25 22:39	1
2,3,4,6-Tetrachlorophenol	0.36	U	0.36	0.024	mg/Kg	☼	10/10/25 08:26	10/10/25 22:39	1
2,4,5-Trichlorophenol	0.36	U	0.36	0.036	mg/Kg	☼	10/10/25 08:26	10/10/25 22:39	1
2,4,6-Trichlorophenol	0.14	U	0.14	0.046	mg/Kg	☼	10/10/25 08:26	10/10/25 22:39	1
2,4-Dichlorophenol	0.14	U	0.14	0.023	mg/Kg	☼	10/10/25 08:26	10/10/25 22:39	1
2,4-Dimethylphenol	0.36	U	0.36	0.043	mg/Kg	☼	10/10/25 08:26	10/10/25 22:39	1
2,4-Dinitrophenol	0.29	U	0.29	0.18	mg/Kg	☼	10/10/25 08:26	10/10/25 22:39	1
2,4-Dinitrotoluene	0.072	U	0.072	0.038	mg/Kg	☼	10/10/25 08:26	10/10/25 22:39	1
2,6-Dinitrotoluene	0.072	U	0.072	0.026	mg/Kg	☼	10/10/25 08:26	10/10/25 22:39	1
2-Chloronaphthalene	0.36	U	0.36	0.046	mg/Kg	☼	10/10/25 08:26	10/10/25 22:39	1
2-Chlorophenol	0.36	U	0.36	0.013	mg/Kg	☼	10/10/25 08:26	10/10/25 22:39	1
2-Methylnaphthalene	0.36	U	0.36	0.010	mg/Kg	☼	10/10/25 08:26	10/10/25 22:39	1
2-Methylphenol	0.36	U	0.36	0.013	mg/Kg	☼	10/10/25 08:26	10/10/25 22:39	1

Client Sample ID: 5B_5-10
Date Collected: 10/08/25 09:45
Date Received: 10/08/25 17:00

Lab Sample ID: 460-336761-8
Matrix: Solid
Percent Solids: 92.2

Method: SW846 8270E - Semivolatile Organic Compounds (GC/MS) (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
2-Nitroaniline	0.36	U	0.36	0.027	mg/Kg	☼	10/10/25 08:26	10/10/25 22:39	1
2-Nitrophenol	0.36	U	0.36	0.036	mg/Kg	☼	10/10/25 08:26	10/10/25 22:39	1
3 & 4 Methylphenol	0.36	U	0.36	0.022	mg/Kg	☼	10/10/25 08:26	10/10/25 22:39	1
3,3'-Dichlorobenzidine	0.14	U	0.14	0.054	mg/Kg	☼	10/10/25 08:26	10/10/25 22:39	1
3-Nitroaniline	0.36	U	0.36	0.085	mg/Kg	☼	10/10/25 08:26	10/10/25 22:39	1
4,6-Dinitro-2-methylphenol	0.29	U	0.29	0.15	mg/Kg	☼	10/10/25 08:26	10/10/25 22:39	1
4-Bromophenyl phenyl ether	0.36	U	0.36	0.014	mg/Kg	☼	10/10/25 08:26	10/10/25 22:39	1
4-Chloro-3-methylphenol	0.36	U	0.36	0.020	mg/Kg	☼	10/10/25 08:26	10/10/25 22:39	1
4-Chloroaniline	0.36	U	0.36	0.063	mg/Kg	☼	10/10/25 08:26	10/10/25 22:39	1
4-Chlorophenyl phenyl ether	0.36	U	0.36	0.013	mg/Kg	☼	10/10/25 08:26	10/10/25 22:39	1
4-Methylphenol	0.36	U	0.36	0.022	mg/Kg	☼	10/10/25 08:26	10/10/25 22:39	1
4-Nitroaniline	0.36	U	0.36	0.090	mg/Kg	☼	10/10/25 08:26	10/10/25 22:39	1
4-Nitrophenol	0.72	U	0.72	0.058	mg/Kg	☼	10/10/25 08:26	10/10/25 22:39	1
Acenaphthene	0.36	U	0.36	0.010	mg/Kg	☼	10/10/25 08:26	10/10/25 22:39	1
Acenaphthylene	0.36	U	0.36	0.010	mg/Kg	☼	10/10/25 08:26	10/10/25 22:39	1
Acetophenone	0.36	U	0.36	0.017	mg/Kg	☼	10/10/25 08:26	10/10/25 22:39	1
Anthracene	0.36	U	0.36	0.011	mg/Kg	☼	10/10/25 08:26	10/10/25 22:39	1
Atrazine	0.14	U	0.14	0.021	mg/Kg	☼	10/10/25 08:26	10/10/25 22:39	1
Benzaldehyde	0.36	U	0.36	0.059	mg/Kg	☼	10/10/25 08:26	10/10/25 22:39	1
Benzo[a]anthracene	0.036	U	0.036	0.027	mg/Kg	☼	10/10/25 08:26	10/10/25 22:39	1
Benzo[a]pyrene	**0.011**	**J**	0.036	0.0095	mg/Kg	☼	10/10/25 08:26	10/10/25 22:39	1
Benzo[b]fluoranthene	**0.013**	**J**	0.036	0.0092	mg/Kg	☼	10/10/25 08:26	10/10/25 22:39	1
Benzo[g,h,i]perylene	**0.018**	**J**	0.36	0.011	mg/Kg	☼	10/10/25 08:26	10/10/25 22:39	1
Benzo[k]fluoranthene	0.036	U	0.036	0.0070	mg/Kg	☼	10/10/25 08:26	10/10/25 22:39	1
Bis(2-chloroethoxy)methane	0.36	U	0.36	0.066	mg/Kg	☼	10/10/25 08:26	10/10/25 22:39	1
Bis(2-chloroethyl)ether	0.036	U	0.036	0.012	mg/Kg	☼	10/10/25 08:26	10/10/25 22:39	1
Bis(2-ethylhexyl) phthalate	0.36	U	0.36	0.019	mg/Kg	☼	10/10/25 08:26	10/10/25 22:39	1
Butyl benzyl phthalate	0.36	U	0.36	0.017	mg/Kg	☼	10/10/25 08:26	10/10/25 22:39	1
Caprolactam	0.36	U	0.36	0.055	mg/Kg	☼	10/10/25 08:26	10/10/25 22:39	1
Carbazole	0.36	U	0.36	0.014	mg/Kg	☼	10/10/25 08:26	10/10/25 22:39	1
Chrysene	0.36	U	0.36	0.015	mg/Kg	☼	10/10/25 08:26	10/10/25 22:39	1
Dibenz(a,h)anthracene	0.036	U	0.036	0.015	mg/Kg	☼	10/10/25 08:26	10/10/25 22:39	1
Dibenzofuran	0.36	U	0.36	0.012	mg/Kg	☼	10/10/25 08:26	10/10/25 22:39	1
Diethyl phthalate	0.36	U	0.36	0.011	mg/Kg	☼	10/10/25 08:26	10/10/25 22:39	1
Dimethyl phthalate	0.36	U	0.36	0.081	mg/Kg	☼	10/10/25 08:26	10/10/25 22:39	1
Di-n-butyl phthalate	**0.53**		0.36	0.013	mg/Kg	☼	10/10/25 08:26	10/10/25 22:39	1
Di-n-octyl phthalate	0.36	U	0.36	0.019	mg/Kg	☼	10/10/25 08:26	10/10/25 22:39	1
Fluoranthene	**0.013**	**J**	0.36	0.012	mg/Kg	☼	10/10/25 08:26	10/10/25 22:39	1
Fluorene	0.36	U	0.36	0.010	mg/Kg	☼	10/10/25 08:26	10/10/25 22:39	1
Hexachlorobenzene	0.036	U	0.036	0.017	mg/Kg	☼	10/10/25 08:26	10/10/25 22:39	1
Hexachlorobutadiene	0.072	U	0.072	0.0076	mg/Kg	☼	10/10/25 08:26	10/10/25 22:39	1
Hexachlorocyclopentadiene	0.36	U	0.36	0.031	mg/Kg	☼	10/10/25 08:26	10/10/25 22:39	1
Hexachloroethane	0.036	U	0.036	0.012	mg/Kg	☼	10/10/25 08:26	10/10/25 22:39	1
Indeno[1,2,3-cd]pyrene	**0.014**	**J**	0.036	0.014	mg/Kg	☼	10/10/25 08:26	10/10/25 22:39	1
Isophorone	0.14	U	0.14	0.10	mg/Kg	☼	10/10/25 08:26	10/10/25 22:39	1
Naphthalene	0.36	U	0.36	0.0062	mg/Kg	☼	10/10/25 08:26	10/10/25 22:39	1
Nitrobenzene	0.036	U	0.036	0.020	mg/Kg	☼	10/10/25 08:26	10/10/25 22:39	1
N-Nitrosodi-n-propylamine	0.036	U	0.036	0.026	mg/Kg	☼	10/10/25 08:26	10/10/25 22:39	1
N-Nitrosodiphenylamine	0.36	U	0.36	0.029	mg/Kg	☼	10/10/25 08:26	10/10/25 22:39	1

Client Sample ID: 5B_5-10
Date Collected: 10/08/25 09:45
Date Received: 10/08/25 17:00

Lab Sample ID: 460-336761-8
Matrix: Solid
Percent Solids: 92.2

Method: SW846 8270E - Semivolatile Organic Compounds (GC/MS) (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Pentachlorophenol	0.29	U	0.29	0.073	mg/Kg	☼	10/10/25 08:26	10/10/25 22:39	1
Phenanthrene	0.36	U	0.36	0.015	mg/Kg	☼	10/10/25 08:26	10/10/25 22:39	1
Phenol	0.36	U	0.36	0.013	mg/Kg	☼	10/10/25 08:26	10/10/25 22:39	1
Pyrene	**0.012**	**J**	0.36	0.0089	mg/Kg	☼	10/10/25 08:26	10/10/25 22:39	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
2,4,6-Tribromophenol (Surr)	*58*		*18 - 137*	*10/10/25 08:26*	*10/10/25 22:39*	*1*
2-Fluorobiphenyl	*59*		*33 - 117*	*10/10/25 08:26*	*10/10/25 22:39*	*1*
2-Fluorophenol (Surr)	*56*		*24 - 120*	*10/10/25 08:26*	*10/10/25 22:39*	*1*
Nitrobenzene-d5 (Surr)	*59*		*27 - 120*	*10/10/25 08:26*	*10/10/25 22:39*	*1*
Phenol-d5 (Surr)	*60*		*28 - 118*	*10/10/25 08:26*	*10/10/25 22:39*	*1*
Terphenyl-d14 (Surr)	*63*		*33 - 124*	*10/10/25 08:26*	*10/10/25 22:39*	*1*

Method: SW846 8081B - Organochlorine Pesticides (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
4,4'-DDD	0.0073	U	0.0073	0.0012	mg/Kg	☼	10/09/25 17:52	10/10/25 16:44	1
4,4'-DDE	0.0073	U	0.0073	0.00086	mg/Kg	☼	10/09/25 17:52	10/10/25 16:44	1
4,4'-DDT	0.0073	U	0.0073	0.0013	mg/Kg	☼	10/09/25 17:52	10/10/25 16:44	1
Aldrin	0.0073	U	0.0073	0.0011	mg/Kg	☼	10/09/25 17:52	10/10/25 16:44	1
alpha-BHC	0.0022	U	0.0022	0.00074	mg/Kg	☼	10/09/25 17:52	10/10/25 16:44	1
beta-BHC	0.0022	U	0.0022	0.00081	mg/Kg	☼	10/09/25 17:52	10/10/25 16:44	1
Chlordane (technical)	0.073	U	0.073	0.018	mg/Kg	☼	10/09/25 17:52	10/10/25 16:44	1
cis-Chlordane	0.0073	U	0.0073	0.0011	mg/Kg	☼	10/09/25 17:52	10/10/25 16:44	1
delta-BHC	0.0022	U	0.0022	0.00044	mg/Kg	☼	10/09/25 17:52	10/10/25 16:44	1
Dieldrin	0.0022	U	0.0022	0.00094	mg/Kg	☼	10/09/25 17:52	10/10/25 16:44	1
Endosulfan I	0.0073	U	0.0073	0.0011	mg/Kg	☼	10/09/25 17:52	10/10/25 16:44	1
Endosulfan II	0.0073	U	0.0073	0.0019	mg/Kg	☼	10/09/25 17:52	10/10/25 16:44	1
Endosulfan sulfate	0.0073	U	0.0073	0.00091	mg/Kg	☼	10/09/25 17:52	10/10/25 16:44	1
Endrin	0.0073	U	0.0073	0.0010	mg/Kg	☼	10/09/25 17:52	10/10/25 16:44	1
Endrin aldehyde	0.0073	U	0.0073	0.0017	mg/Kg	☼	10/09/25 17:52	10/10/25 16:44	1
Endrin ketone	0.0073	U	0.0073	0.0014	mg/Kg	☼	10/09/25 17:52	10/10/25 16:44	1
gamma-BHC (Lindane)	0.0022	U	0.0022	0.00067	mg/Kg	☼	10/09/25 17:52	10/10/25 16:44	1
Heptachlor	0.0073	U	0.0073	0.00086	mg/Kg	☼	10/09/25 17:52	10/10/25 16:44	1
Heptachlor epoxide	0.0073	U	0.0073	0.0011	mg/Kg	☼	10/09/25 17:52	10/10/25 16:44	1
Methoxychlor	0.0073	U	0.0073	0.0017	mg/Kg	☼	10/09/25 17:52	10/10/25 16:44	1
Toxaphene	0.073	U	0.073	0.026	mg/Kg	☼	10/09/25 17:52	10/10/25 16:44	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
DCB Decachlorobiphenyl	*125*		*10 - 150*	*10/09/25 17:52*	*10/10/25 16:44*	*1*
DCB Decachlorobiphenyl	*127*		*10 - 150*	*10/09/25 17:52*	*10/10/25 16:44*	*1*
Tetrachloro-m-xylene	*112*		*14 - 150*	*10/09/25 17:52*	*10/10/25 16:44*	*1*
Tetrachloro-m-xylene	*101*		*14 - 150*	*10/09/25 17:52*	*10/10/25 16:44*	*1*

Method: SW846 8082A - Polychlorinated Biphenyls (PCBs) by Gas Chromatography

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Aroclor 1016	0.073	U	0.073	0.019	mg/Kg	☼	10/09/25 17:24	10/10/25 22:04	1
Aroclor 1221	0.073	U	0.073	0.019	mg/Kg	☼	10/09/25 17:24	10/10/25 22:04	1
Aroclor 1232	0.073	U	0.073	0.019	mg/Kg	☼	10/09/25 17:24	10/10/25 22:04	1
Aroclor 1242	0.073	U	0.073	0.019	mg/Kg	☼	10/09/25 17:24	10/10/25 22:04	1
Aroclor 1248	0.073	U	0.073	0.019	mg/Kg	☼	10/09/25 17:24	10/10/25 22:04	1

Client Sample ID: 5B_5-10
Date Collected: 10/08/25 09:45
Date Received: 10/08/25 17:00

Lab Sample ID: 460-336761-8
Matrix: Solid
Percent Solids: 92.2

Method: SW846 8082A - Polychlorinated Biphenyls (PCBs) by Gas Chromatography (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Aroclor 1254	0.073	U	0.073	0.019	mg/Kg	☼	10/09/25 17:24	10/10/25 22:04	1
Aroclor 1260	0.073	U	0.073	0.019	mg/Kg	☼	10/09/25 17:24	10/10/25 22:04	1
Aroclor-1262	0.073	U	0.073	0.019	mg/Kg	☼	10/09/25 17:24	10/10/25 22:04	1
Aroclor 1268	0.073	U	0.073	0.019	mg/Kg	☼	10/09/25 17:24	10/10/25 22:04	1
Polychlorinated biphenyls, Total	0.073	U	0.073	0.019	mg/Kg	☼	10/09/25 17:24	10/10/25 22:04	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
DCB Decachlorobiphenyl	*124*		*10 - 150*	*10/09/25 17:24*	*10/10/25 22:04*	*1*
DCB Decachlorobiphenyl	*136*		*10 - 150*	*10/09/25 17:24*	*10/10/25 22:04*	*1*
Tetrachloro-m-xylene	*106*		*10 - 150*	*10/09/25 17:24*	*10/10/25 22:04*	*1*
Tetrachloro-m-xylene	*110*		*10 - 150*	*10/09/25 17:24*	*10/10/25 22:04*	*1*

Method: EPA 1633A - Per- and Polyfluoroalkyl Substances by LC/MS/MS, 1633A

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Perfluorobutanoic acid (PFBA)	0.38	U	0.38	0.096	ug/Kg	☼	10/15/25 14:07	10/17/25 13:23	1
Perfluoropentanoic acid (PFPeA)	0.19	U	0.19	0.096	ug/Kg	☼	10/15/25 14:07	10/17/25 13:23	1
Perfluorohexanoic acid (PFHxA)	0.19	U	0.19	0.096	ug/Kg	☼	10/15/25 14:07	10/17/25 13:23	1
Perfluoroheptanoic acid (PFHpA)	**0.11**	**J**	0.19	0.096	ug/Kg	☼	10/15/25 14:07	10/17/25 13:23	1
Perfluorooctanoic acid (PFOA)	**0.22**		0.19	0.057	ug/Kg	☼	10/15/25 14:07	10/17/25 13:23	1
Perfluorononanoic acid (PFNA)	**0.38**		0.19	0.096	ug/Kg	☼	10/15/25 14:07	10/17/25 13:23	1
Perfluorodecanoic acid (PFDA)	**0.81**		0.19	0.057	ug/Kg	☼	10/15/25 14:07	10/17/25 13:23	1
Perfluoroundecanoic acid (PFUnA)	**5.41**		0.19	0.096	ug/Kg	☼	10/15/25 14:07	10/17/25 13:23	1
Perfluorododecanoic acid (PFDoA)	**1.22**		0.19	0.096	ug/Kg	☼	10/15/25 14:07	10/17/25 13:23	1
Perfluorotridecanoic acid (PFTrDA)	**7.74**		0.19	0.096	ug/Kg	☼	10/15/25 14:07	10/17/25 13:23	1
Perfluorotetradecanoic acid (PFTeDA)	**0.42**		0.19	0.096	ug/Kg	☼	10/15/25 14:07	10/17/25 13:23	1
Perfluorobutanesulfonic acid (PFBS)	0.19	U	0.19	0.096	ug/Kg	☼	10/15/25 14:07	10/17/25 13:23	1
Perfluoropentanesulfonic acid (PFPeS)	0.19	U	0.19	0.096	ug/Kg	☼	10/15/25 14:07	10/17/25 13:23	1
Perfluorohexanesulfonic acid (PFHxS)	0.19	U	0.19	0.096	ug/Kg	☼	10/15/25 14:07	10/17/25 13:23	1
Perfluoroheptanesulfonic acid (PFHpS)	0.19	U	0.19	0.096	ug/Kg	☼	10/15/25 14:07	10/17/25 13:23	1
Perfluorooctanesulfonic acid (PFOS)	0.19	U	0.19	0.096	ug/Kg	☼	10/15/25 14:07	10/17/25 13:23	1
Perfluorononanesulfonic acid (PFNS)	0.19	U	0.19	0.096	ug/Kg	☼	10/15/25 14:07	10/17/25 13:23	1
Perfluorodecanesulfonic acid (PFDS)	0.19	U	0.19	0.096	ug/Kg	☼	10/15/25 14:07	10/17/25 13:23	1
Perfluorododecanesulfonic acid (PFDoS)	0.19	U	0.19	0.096	ug/Kg	☼	10/15/25 14:07	10/17/25 13:23	1
1H,1H,2H,2H-Perfluorohexane sulfonic acid (4:2 FTS)	0.38	U	0.38	0.19	ug/Kg	☼	10/15/25 14:07	10/17/25 13:23	1
1H,1H,2H,2H-Perfluorooctane sulfonic acid (6:2 FTS)	**0.37**	**J**	0.38	0.19	ug/Kg	☼	10/15/25 14:07	10/17/25 13:23	1
1H,1H,2H,2H-Perfluorodecane sulfonic acid (8:2 FTS)	**1.72**		0.38	0.19	ug/Kg	☼	10/15/25 14:07	10/17/25 13:23	1
Perfluorooctanesulfonamide (PFOSA)	0.19	U	0.19	0.096	ug/Kg	☼	10/15/25 14:07	10/17/25 13:23	1
N-methylperfluorooctane sulfonamide (NMeFOSA)	0.19	U	0.19	0.096	ug/Kg	☼	10/15/25 14:07	10/17/25 13:23	1
N-ethylperfluorooctane sulfonamide (NEtFOSA)	0.19	U	0.19	0.096	ug/Kg	☼	10/15/25 14:07	10/17/25 13:23	1
N-methylperfluorooctanesulfonamidoacetic acid (NMeFOSAA)	0.19	U	0.19	0.096	ug/Kg	☼	10/15/25 14:07	10/17/25 13:23	1

Client Sample ID: 5B_5-10
Date Collected: 10/08/25 09:45
Date Received: 10/08/25 17:00

Lab Sample ID: 460-336761-8
Matrix: Solid
Percent Solids: 92.2

Method: EPA 1633A - Per- and Polyfluoroalkyl Substances by LC/MS/MS, 1633A (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
N-ethylperfluorooctanesulfonamidoacetic acid (NEtFOSAA)	0.19	U	0.19	0.096	ug/Kg	☼	10/15/25 14:07	10/17/25 13:23	1
N-methylperfluorooctane sulfonamidoethanol (NMeFOSE)	0.96	U	0.96	0.48	ug/Kg	☼	10/15/25 14:07	10/17/25 13:23	1
N-ethylperfluorooctane sulfonamidoethanol (NEtFOSE)	0.96	U	0.96	0.48	ug/Kg	☼	10/15/25 14:07	10/17/25 13:23	1
Hexafluoropropylene Oxide Dimer Acid (HFPO-DA)	0.19	U	0.19	0.096	ug/Kg	☼	10/15/25 14:07	10/17/25 13:23	1
4,8-Dioxa-3H-perfluorononanoic acid (ADONA)	0.19	U	0.19	0.096	ug/Kg	☼	10/15/25 14:07	10/17/25 13:23	1
Perfluoro-3-methoxypropanoic acid (PFMPA)	0.19	U	0.19	0.096	ug/Kg	☼	10/15/25 14:07	10/17/25 13:23	1
Perfluoro-4-methoxybutanoic acid (PFMBA)	0.19	U	0.19	0.096	ug/Kg	☼	10/15/25 14:07	10/17/25 13:23	1
Nonafluoro-3,6-dioxaheptanoic acid (NFDHA)	0.19	U	0.19	0.096	ug/Kg	☼	10/15/25 14:07	10/17/25 13:23	1
9-Chlorohexadecafluoro-3-oxanonane-1-sulfonic acid (9Cl-PF3ONS)	0.19	U	0.19	0.096	ug/Kg	☼	10/15/25 14:07	10/17/25 13:23	1
11-Chloroeicosafluoro-3-oxaundecane-1-sulfonic acid (11Cl-PF3OUdS)	0.19	U	0.19	0.096	ug/Kg	☼	10/15/25 14:07	10/17/25 13:23	1
Perfluoro (2-ethoxyethane) sulfonic acid (PFEESA)	0.19	U	0.19	0.096	ug/Kg	☼	10/15/25 14:07	10/17/25 13:23	1
3-Perfluoropropylpropanoic acid (3:3 FTCA)	0.38	U	0.38	0.19	ug/Kg	☼	10/15/25 14:07	10/17/25 13:23	1
3-Perfluoropentylpropanoic acid (5:3 FTCA)	0.96	U	0.96	0.48	ug/Kg	☼	10/15/25 14:07	10/17/25 13:23	1
3-Perfluoroheptylpropanoic acid (7:3 FTCA)	**0.52**	**J**	0.96	0.48	ug/Kg	☼	10/15/25 14:07	10/17/25 13:23	1

Isotope Dilution	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
13C4 PFBA	*89.9*		*8 - 130*	*10/15/25 14:07*	*10/17/25 13:23*	*1*
13C5 PFPeA	*102*		*35 - 130*	*10/15/25 14:07*	*10/17/25 13:23*	*1*
13C5 PFHxA	*84.9*		*40 - 130*	*10/15/25 14:07*	*10/17/25 13:23*	*1*
13C4 PFHpA	*94.3*		*40 - 130*	*10/15/25 14:07*	*10/17/25 13:23*	*1*
13C8 PFOA	*86.5*		*40 - 130*	*10/15/25 14:07*	*10/17/25 13:23*	*1*
13C9 PFNA	*98.9*		*40 - 130*	*10/15/25 14:07*	*10/17/25 13:23*	*1*
13C6 PFDA	*88.3*		*40 - 130*	*10/15/25 14:07*	*10/17/25 13:23*	*1*
13C7 PFUnA	*87.6*		*40 - 130*	*10/15/25 14:07*	*10/17/25 13:23*	*1*
13C2 PFTeDA	*69.2*		*20 - 130*	*10/15/25 14:07*	*10/17/25 13:23*	*1*
13C3 PFBS	*86.6*		*40 - 135*	*10/15/25 14:07*	*10/17/25 13:23*	*1*
13C3 PFHxS	*90.0*		*40 - 130*	*10/15/25 14:07*	*10/17/25 13:23*	*1*
13C8 PFOS	*95.0*		*40 - 130*	*10/15/25 14:07*	*10/17/25 13:23*	*1*
13C8 FOSA	*88.8*		*40 - 130*	*10/15/25 14:07*	*10/17/25 13:23*	*1*
d3-NMeFOSAA	*86.1*		*40 - 135*	*10/15/25 14:07*	*10/17/25 13:23*	*1*
d5-NEtFOSAA	*84.8*		*40 - 150*	*10/15/25 14:07*	*10/17/25 13:23*	*1*
13C2 4:2 FTS	*90.9*		*40 - 165*	*10/15/25 14:07*	*10/17/25 13:23*	*1*
13C2 6:2 FTS	*91.9*		*40 - 215*	*10/15/25 14:07*	*10/17/25 13:23*	*1*
13C2 8:2 FTS	*103*		*40 - 275*	*10/15/25 14:07*	*10/17/25 13:23*	*1*
13C3 HFPO-DA	*89.9*		*40 - 130*	*10/15/25 14:07*	*10/17/25 13:23*	*1*
d7-N-MeFOSE-M	*58.1*		*20 - 130*	*10/15/25 14:07*	*10/17/25 13:23*	*1*
d9-N-EtFOSE-M	*50.6*		*15 - 130*	*10/15/25 14:07*	*10/17/25 13:23*	*1*
d5-NEtPFOSA	*69.5*		*10 - 130*	*10/15/25 14:07*	*10/17/25 13:23*	*1*
d3-NMePFOSA	*71.5*		*10 - 130*	*10/15/25 14:07*	*10/17/25 13:23*	*1*
13C2 PFDoA	*78.9*		*40 - 130*	*10/15/25 14:07*	*10/17/25 13:23*	*1*

Client Sample ID: 5B_5-10

Date Collected: 10/08/25 09:45
Date Received: 10/08/25 17:00

Lab Sample ID: 460-336761-8
Matrix: Solid
Percent Solids: 92.2

Method: SW846 6020B - Metals (ICP/MS)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Aluminum	10700		19.7	5.4	mg/Kg	☼	10/15/25 11:04	10/15/25 17:01	1
Antimony	1.1		0.99	0.14	mg/Kg	☼	10/15/25 11:04	10/15/25 17:01	1
Arsenic	6.7		0.99	0.10	mg/Kg	☼	10/15/25 11:04	10/15/25 17:01	1
Barium	115		2.0	0.14	mg/Kg	☼	10/15/25 11:04	10/15/25 17:01	1
Beryllium	5.1		0.39	0.022	mg/Kg	☼	10/15/25 11:04	10/15/25 17:01	1
Cadmium	0.43	J	0.99	0.11	mg/Kg	☼	10/15/25 11:04	10/15/25 17:01	1
Calcium	1890		98.6	9.6	mg/Kg	☼	10/15/25 11:04	10/15/25 17:01	1
Chromium	49.7		2.0	0.29	mg/Kg	☼	10/15/25 11:04	10/15/25 17:01	1
Cobalt	14.0		0.99	0.15	mg/Kg	☼	10/15/25 11:04	10/15/25 17:01	1
Copper	134		2.0	0.36	mg/Kg	☼	10/15/25 11:04	10/15/25 17:01	1
Iron	25300		59.1	7.5	mg/Kg	☼	10/15/25 11:04	10/15/25 17:01	1
Lead	555		0.59	0.20	mg/Kg	☼	10/15/25 11:04	10/15/25 17:01	1
Magnesium	2190		98.6	10.1	mg/Kg	☼	10/15/25 11:04	10/15/25 17:01	1
Manganese	231		3.9	0.40	mg/Kg	☼	10/15/25 11:04	10/15/25 17:01	1
Nickel	56.9		2.0	0.17	mg/Kg	☼	10/15/25 11:04	10/15/25 17:01	1
Potassium	1210		98.6	16.0	mg/Kg	☼	10/15/25 11:04	10/15/25 17:01	1
Selenium	0.50	J	1.2	0.13	mg/Kg	☼	10/15/25 11:04	10/15/25 17:01	1
Silver	0.31	J	0.39	0.088	mg/Kg	☼	10/15/25 11:04	10/15/25 17:01	1
Sodium	193		98.6	45.0	mg/Kg	☼	10/15/25 11:04	10/15/25 17:01	1
Thallium	0.12	J	0.39	0.040	mg/Kg	☼	10/15/25 11:04	10/15/25 17:01	1
Vanadium	28.4		2.0	0.20	mg/Kg	☼	10/15/25 11:04	10/15/25 17:01	1
Zinc	548		7.9	1.1	mg/Kg	☼	10/15/25 11:04	10/15/25 17:01	1

Method: SW846 7471B - Mercury (CVAA)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	0.040		0.018	0.0084	mg/Kg	☼	10/17/25 05:53	10/17/25 12:41	1

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Percent Moisture (EPA Moisture)	7.8		1.0	1.0	%			10/09/25 15:51	1
Percent Solids (EPA Moisture)	92.2		1.0	1.0	%			10/09/25 15:51	1

Client Sample ID: 5C_0-5

Date Collected: 10/08/25 09:50
Date Received: 10/08/25 17:00

Lab Sample ID: 460-336761-9
Matrix: Solid
Percent Solids: 88.4

Method: SW846 8270E - Semivolatile Organic Compounds (GC/MS)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1'-Biphenyl	0.37	U	0.37	0.013	mg/Kg	☼	10/10/25 08:26	10/10/25 23:02	1
1,2,4,5-Tetrachlorobenzene	0.37	U	0.37	0.012	mg/Kg	☼	10/10/25 08:26	10/10/25 23:02	1
1,4-Dioxane	0.037	U	0.037	0.033	mg/Kg	☼	10/10/25 08:26	10/10/25 23:02	1
2,2'-oxybis[1-chloropropane]	0.37	U	0.37	0.022	mg/Kg	☼	10/10/25 08:26	10/10/25 23:02	1
2,3,4,6-Tetrachlorophenol	0.37	U	0.37	0.025	mg/Kg	☼	10/10/25 08:26	10/10/25 23:02	1
2,4,5-Trichlorophenol	0.37	U	0.37	0.038	mg/Kg	☼	10/10/25 08:26	10/10/25 23:02	1
2,4,6-Trichlorophenol	0.15	U	0.15	0.048	mg/Kg	☼	10/10/25 08:26	10/10/25 23:02	1
2,4-Dichlorophenol	0.15	U	0.15	0.024	mg/Kg	☼	10/10/25 08:26	10/10/25 23:02	1
2,4-Dimethylphenol	0.37	U	0.37	0.045	mg/Kg	☼	10/10/25 08:26	10/10/25 23:02	1
2,4-Dinitrophenol	0.30	U	0.30	0.18	mg/Kg	☼	10/10/25 08:26	10/10/25 23:02	1
2,4-Dinitrotoluene	0.076	U	0.076	0.040	mg/Kg	☼	10/10/25 08:26	10/10/25 23:02	1
2,6-Dinitrotoluene	0.076	U	0.076	0.027	mg/Kg	☼	10/10/25 08:26	10/10/25 23:02	1

Client Sample ID: 5C_0-5
Date Collected: 10/08/25 09:50
Date Received: 10/08/25 17:00

Lab Sample ID: 460-336761-9
Matrix: Solid
Percent Solids: 88.4

Method: SW846 8270E - Semivolatile Organic Compounds (GC/MS) (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
2-Chloronaphthalene	0.37	U	0.37	0.048	mg/Kg	☼	10/10/25 08:26	10/10/25 23:02	1
2-Chlorophenol	0.37	U	0.37	0.013	mg/Kg	☼	10/10/25 08:26	10/10/25 23:02	1
2-Methylnaphthalene	0.37	U	0.37	0.010	mg/Kg	☼	10/10/25 08:26	10/10/25 23:02	1
2-Methylphenol	0.37	U	0.37	0.014	mg/Kg	☼	10/10/25 08:26	10/10/25 23:02	1
2-Nitroaniline	0.37	U	0.37	0.028	mg/Kg	☼	10/10/25 08:26	10/10/25 23:02	1
2-Nitrophenol	0.37	U	0.37	0.037	mg/Kg	☼	10/10/25 08:26	10/10/25 23:02	1
3 & 4 Methylphenol	0.37	U	0.37	0.023	mg/Kg	☼	10/10/25 08:26	10/10/25 23:02	1
3,3'-Dichlorobenzidine	0.15	U	0.15	0.056	mg/Kg	☼	10/10/25 08:26	10/10/25 23:02	1
3-Nitroaniline	0.37	U	0.37	0.089	mg/Kg	☼	10/10/25 08:26	10/10/25 23:02	1
4,6-Dinitro-2-methylphenol	0.30	U	0.30	0.15	mg/Kg	☼	10/10/25 08:26	10/10/25 23:02	1
4-Bromophenyl phenyl ether	0.37	U	0.37	0.015	mg/Kg	☼	10/10/25 08:26	10/10/25 23:02	1
4-Chloro-3-methylphenol	0.37	U	0.37	0.021	mg/Kg	☼	10/10/25 08:26	10/10/25 23:02	1
4-Chloroaniline	0.37	U	0.37	0.066	mg/Kg	☼	10/10/25 08:26	10/10/25 23:02	1
4-Chlorophenyl phenyl ether	0.37	U	0.37	0.013	mg/Kg	☼	10/10/25 08:26	10/10/25 23:02	1
4-Methylphenol	0.37	U	0.37	0.023	mg/Kg	☼	10/10/25 08:26	10/10/25 23:02	1
4-Nitroaniline	0.37	U	0.37	0.095	mg/Kg	☼	10/10/25 08:26	10/10/25 23:02	1
4-Nitrophenol	0.76	U	0.76	0.061	mg/Kg	☼	10/10/25 08:26	10/10/25 23:02	1
Acenaphthene	0.37	U	0.37	0.011	mg/Kg	☼	10/10/25 08:26	10/10/25 23:02	1
Acenaphthylene	0.37	U	0.37	0.011	mg/Kg	☼	10/10/25 08:26	10/10/25 23:02	1
Acetophenone	0.37	U	0.37	0.018	mg/Kg	☼	10/10/25 08:26	10/10/25 23:02	1
Anthracene	0.37	U	0.37	0.011	mg/Kg	☼	10/10/25 08:26	10/10/25 23:02	1
Atrazine	0.15	U	0.15	0.022	mg/Kg	☼	10/10/25 08:26	10/10/25 23:02	1
Benzaldehyde	0.37	U	0.37	0.062	mg/Kg	☼	10/10/25 08:26	10/10/25 23:02	1
Benzo[a]anthracene	**0.037**		0.037	0.028	mg/Kg	☼	10/10/25 08:26	10/10/25 23:02	1
Benzo[a]pyrene	**0.041**		0.037	0.010	mg/Kg	☼	10/10/25 08:26	10/10/25 23:02	1
Benzo[b]fluoranthene	**0.055**		0.037	0.0097	mg/Kg	☼	10/10/25 08:26	10/10/25 23:02	1
Benzo[g,h,i]perylene	**0.033**	**J**	0.37	0.011	mg/Kg	☼	10/10/25 08:26	10/10/25 23:02	1
Benzo[k]fluoranthene	**0.024**	**J**	0.037	0.0073	mg/Kg	☼	10/10/25 08:26	10/10/25 23:02	1
Bis(2-chloroethoxy)methane	0.37	U	0.37	0.069	mg/Kg	☼	10/10/25 08:26	10/10/25 23:02	1
Bis(2-chloroethyl)ether	0.037	U	0.037	0.013	mg/Kg	☼	10/10/25 08:26	10/10/25 23:02	1
Bis(2-ethylhexyl) phthalate	0.37	U	0.37	0.020	mg/Kg	☼	10/10/25 08:26	10/10/25 23:02	1
Butyl benzyl phthalate	0.37	U	0.37	0.018	mg/Kg	☼	10/10/25 08:26	10/10/25 23:02	1
Caprolactam	0.37	U	0.37	0.058	mg/Kg	☼	10/10/25 08:26	10/10/25 23:02	1
Carbazole	0.37	U	0.37	0.014	mg/Kg	☼	10/10/25 08:26	10/10/25 23:02	1
Chrysene	**0.034**	**J**	0.37	0.016	mg/Kg	☼	10/10/25 08:26	10/10/25 23:02	1
Dibenz(a,h)anthracene	0.037	U	0.037	0.016	mg/Kg	☼	10/10/25 08:26	10/10/25 23:02	1
Dibenzofuran	0.37	U	0.37	0.012	mg/Kg	☼	10/10/25 08:26	10/10/25 23:02	1
Diethyl phthalate	0.37	U	0.37	0.012	mg/Kg	☼	10/10/25 08:26	10/10/25 23:02	1
Dimethyl phthalate	0.37	U	0.37	0.085	mg/Kg	☼	10/10/25 08:26	10/10/25 23:02	1
Di-n-butyl phthalate	0.37	U	0.37	0.014	mg/Kg	☼	10/10/25 08:26	10/10/25 23:02	1
Di-n-octyl phthalate	0.37	U	0.37	0.020	mg/Kg	☼	10/10/25 08:26	10/10/25 23:02	1
Fluoranthene	**0.035**	**J**	0.37	0.013	mg/Kg	☼	10/10/25 08:26	10/10/25 23:02	1
Fluorene	0.37	U	0.37	0.011	mg/Kg	☼	10/10/25 08:26	10/10/25 23:02	1
Hexachlorobenzene	0.037	U	0.037	0.018	mg/Kg	☼	10/10/25 08:26	10/10/25 23:02	1
Hexachlorobutadiene	0.076	U	0.076	0.0080	mg/Kg	☼	10/10/25 08:26	10/10/25 23:02	1
Hexachlorocyclopentadiene	0.37	U	0.37	0.033	mg/Kg	☼	10/10/25 08:26	10/10/25 23:02	1
Hexachloroethane	0.037	U	0.037	0.013	mg/Kg	☼	10/10/25 08:26	10/10/25 23:02	1
Indeno[1,2,3-cd]pyrene	**0.037**		0.037	0.015	mg/Kg	☼	10/10/25 08:26	10/10/25 23:02	1
Isophorone	0.15	U	0.15	0.11	mg/Kg	☼	10/10/25 08:26	10/10/25 23:02	1

Client Sample ID: 5C_0-5

Date Collected: 10/08/25 09:50
Date Received: 10/08/25 17:00

Lab Sample ID: 460-336761-9

Matrix: Solid
Percent Solids: 88.4

Method: SW846 8270E - Semivolatile Organic Compounds (GC/MS) (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Naphthalene	0.37	U	0.37	0.0065	mg/Kg	☼	10/10/25 08:26	10/10/25 23:02	1
Nitrobenzene	0.037	U	0.037	0.021	mg/Kg	☼	10/10/25 08:26	10/10/25 23:02	1
N-Nitrosodi-n-propylamine	0.037	U	0.037	0.027	mg/Kg	☼	10/10/25 08:26	10/10/25 23:02	1
N-Nitrosodiphenylamine	0.37	U	0.37	0.031	mg/Kg	☼	10/10/25 08:26	10/10/25 23:02	1
Pentachlorophenol	0.30	U	0.30	0.077	mg/Kg	☼	10/10/25 08:26	10/10/25 23:02	1
Phenanthrene	0.37	U	0.37	0.015	mg/Kg	☼	10/10/25 08:26	10/10/25 23:02	1
Phenol	0.37	U	0.37	0.014	mg/Kg	☼	10/10/25 08:26	10/10/25 23:02	1
Pyrene	**0.033**	**J**	0.37	0.0093	mg/Kg	☼	10/10/25 08:26	10/10/25 23:02	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
2,4,6-Tribromophenol (Surr)	*49*		*18 - 137*	*10/10/25 08:26*	*10/10/25 23:02*	*1*
2-Fluorobiphenyl	*63*		*33 - 117*	*10/10/25 08:26*	*10/10/25 23:02*	*1*
2-Fluorophenol (Surr)	*61*		*24 - 120*	*10/10/25 08:26*	*10/10/25 23:02*	*1*
Nitrobenzene-d5 (Surr)	*64*		*27 - 120*	*10/10/25 08:26*	*10/10/25 23:02*	*1*
Phenol-d5 (Surr)	*63*		*28 - 118*	*10/10/25 08:26*	*10/10/25 23:02*	*1*
Terphenyl-d14 (Surr)	*67*		*33 - 124*	*10/10/25 08:26*	*10/10/25 23:02*	*1*

Method: SW846 8081B - Organochlorine Pesticides (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
4,4'-DDD	0.0076	U	0.0076	0.0013	mg/Kg	☼	10/09/25 17:52	10/10/25 16:57	1
4,4'-DDE	0.0076	U	0.0076	0.00089	mg/Kg	☼	10/09/25 17:52	10/10/25 16:57	1
4,4'-DDT	0.0076	U	0.0076	0.0014	mg/Kg	☼	10/09/25 17:52	10/10/25 16:57	1
Aldrin	0.0076	U	0.0076	0.0011	mg/Kg	☼	10/09/25 17:52	10/10/25 16:57	1
alpha-BHC	0.0023	U	0.0023	0.00077	mg/Kg	☼	10/09/25 17:52	10/10/25 16:57	1
beta-BHC	0.0023	U	0.0023	0.00085	mg/Kg	☼	10/09/25 17:52	10/10/25 16:57	1
Chlordane (technical)	0.076	U	0.076	0.018	mg/Kg	☼	10/09/25 17:52	10/10/25 16:57	1
cis-Chlordane	0.0076	U	0.0076	0.0012	mg/Kg	☼	10/09/25 17:52	10/10/25 16:57	1
delta-BHC	0.0023	U	0.0023	0.00046	mg/Kg	☼	10/09/25 17:52	10/10/25 16:57	1
Dieldrin	0.0023	U	0.0023	0.00098	mg/Kg	☼	10/09/25 17:52	10/10/25 16:57	1
Endosulfan I	0.0076	U	0.0076	0.0012	mg/Kg	☼	10/09/25 17:52	10/10/25 16:57	1
Endosulfan II	0.0076	U	0.0076	0.0019	mg/Kg	☼	10/09/25 17:52	10/10/25 16:57	1
Endosulfan sulfate	0.0076	U	0.0076	0.00095	mg/Kg	☼	10/09/25 17:52	10/10/25 16:57	1
Endrin	0.0076	U	0.0076	0.0011	mg/Kg	☼	10/09/25 17:52	10/10/25 16:57	1
Endrin aldehyde	0.0076	U	0.0076	0.0018	mg/Kg	☼	10/09/25 17:52	10/10/25 16:57	1
Endrin ketone	0.0076	U	0.0076	0.0015	mg/Kg	☼	10/09/25 17:52	10/10/25 16:57	1
gamma-BHC (Lindane)	0.0023	U	0.0023	0.00070	mg/Kg	☼	10/09/25 17:52	10/10/25 16:57	1
Heptachlor	0.0076	U	0.0076	0.00089	mg/Kg	☼	10/09/25 17:52	10/10/25 16:57	1
Heptachlor epoxide	0.0076	U	0.0076	0.0011	mg/Kg	☼	10/09/25 17:52	10/10/25 16:57	1
Methoxychlor	0.0076	U	0.0076	0.0017	mg/Kg	☼	10/09/25 17:52	10/10/25 16:57	1
Toxaphene	0.076	U	0.076	0.027	mg/Kg	☼	10/09/25 17:52	10/10/25 16:57	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
DCB Decachlorobiphenyl	*125*		*10 - 150*	*10/09/25 17:52*	*10/10/25 16:57*	*1*
DCB Decachlorobiphenyl	*126*		*10 - 150*	*10/09/25 17:52*	*10/10/25 16:57*	*1*
Tetrachloro-m-xylene	*109*		*14 - 150*	*10/09/25 17:52*	*10/10/25 16:57*	*1*
Tetrachloro-m-xylene	*107*		*14 - 150*	*10/09/25 17:52*	*10/10/25 16:57*	*1*

Method: SW846 8082A - Polychlorinated Biphenyls (PCBs) by Gas Chromatography

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Aroclor 1016	0.076	U	0.076	0.020	mg/Kg	☼	10/09/25 17:24	10/10/25 22:22	1

Client Sample ID: 5C_0-5
Date Collected: 10/08/25 09:50
Date Received: 10/08/25 17:00

Lab Sample ID: 460-336761-9
Matrix: Solid
Percent Solids: 88.4

Method: SW846 8082A - Polychlorinated Biphenyls (PCBs) by Gas Chromatography (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Aroclor 1221	0.076	U	0.076	0.020	mg/Kg	☼	10/09/25 17:24	10/10/25 22:22	1
Aroclor 1232	0.076	U	0.076	0.020	mg/Kg	☼	10/09/25 17:24	10/10/25 22:22	1
Aroclor 1242	0.076	U	0.076	0.020	mg/Kg	☼	10/09/25 17:24	10/10/25 22:22	1
Aroclor 1248	0.076	U	0.076	0.020	mg/Kg	☼	10/09/25 17:24	10/10/25 22:22	1
Aroclor 1254	0.076	U	0.076	0.020	mg/Kg	☼	10/09/25 17:24	10/10/25 22:22	1
Aroclor 1260	0.076	U	0.076	0.020	mg/Kg	☼	10/09/25 17:24	10/10/25 22:22	1
Aroclor-1262	0.076	U	0.076	0.020	mg/Kg	☼	10/09/25 17:24	10/10/25 22:22	1
Aroclor 1268	0.076	U	0.076	0.020	mg/Kg	☼	10/09/25 17:24	10/10/25 22:22	1
Polychlorinated biphenyls, Total	0.076	U	0.076	0.020	mg/Kg	☼	10/09/25 17:24	10/10/25 22:22	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
DCB Decachlorobiphenyl	*119*		*10 - 150*	*10/09/25 17:24*	*10/10/25 22:22*	*1*
DCB Decachlorobiphenyl	*130*		*10 - 150*	*10/09/25 17:24*	*10/10/25 22:22*	*1*
Tetrachloro-m-xylene	*101*		*10 - 150*	*10/09/25 17:24*	*10/10/25 22:22*	*1*
Tetrachloro-m-xylene	*106*		*10 - 150*	*10/09/25 17:24*	*10/10/25 22:22*	*1*

Method: EPA 1633A - Per- and Polyfluoroalkyl Substances by LC/MS/MS, 1633A

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Perfluorobutanoic acid (PFBA)	0.40	U	0.40	0.10	ug/Kg	☼	10/15/25 07:11	10/16/25 10:45	1
Perfluoropentanoic acid (PFPeA)	**0.11**	**J**	0.20	0.10	ug/Kg	☼	10/15/25 07:11	10/16/25 10:45	1
Perfluorohexanoic acid (PFHxA)	0.20	U	0.20	0.10	ug/Kg	☼	10/15/25 07:11	10/16/25 10:45	1
Perfluoroheptanoic acid (PFHpA)	**0.31**		0.20	0.10	ug/Kg	☼	10/15/25 07:11	10/16/25 10:45	1
Perfluorooctanoic acid (PFOA)	**0.46**		0.20	0.060	ug/Kg	☼	10/15/25 07:11	10/16/25 10:45	1
Perfluorononanoic acid (PFNA)	**1.90**		0.20	0.10	ug/Kg	☼	10/15/25 07:11	10/16/25 10:45	1
Perfluorodecanoic acid (PFDA)	**1.25**		0.20	0.060	ug/Kg	☼	10/15/25 07:11	10/16/25 10:45	1
Perfluoroundecanoic acid (PFUnA)	**2.57**		0.20	0.10	ug/Kg	☼	10/15/25 07:11	10/16/25 10:45	1
Perfluorododecanoic acid (PFDoA)	**0.70**		0.20	0.10	ug/Kg	☼	10/15/25 07:11	10/16/25 10:45	1
Perfluorotridecanoic acid (PFTrDA)	**1.97**		0.20	0.10	ug/Kg	☼	10/15/25 07:11	10/16/25 10:45	1
Perfluorotetradecanoic acid (PFTeDA)	**0.19**	**J**	0.20	0.10	ug/Kg	☼	10/15/25 07:11	10/16/25 10:45	1
Perfluorobutanesulfonic acid (PFBS)	0.20	U	0.20	0.10	ug/Kg	☼	10/15/25 07:11	10/16/25 10:45	1
Perfluoropentanesulfonic acid (PFPeS)	0.20	U	0.20	0.10	ug/Kg	☼	10/15/25 07:11	10/16/25 10:45	1
Perfluorohexanesulfonic acid (PFHxS)	0.20	U	0.20	0.10	ug/Kg	☼	10/15/25 07:11	10/16/25 10:45	1
Perfluoroheptanesulfonic acid (PFHpS)	0.20	U	0.20	0.10	ug/Kg	☼	10/15/25 07:11	10/16/25 10:45	1
Perfluorooctanesulfonic acid (PFOS)	0.20	U	0.20	0.10	ug/Kg	☼	10/15/25 07:11	10/16/25 10:45	1
Perfluorononanesulfonic acid (PFNS)	0.20	U	0.20	0.10	ug/Kg	☼	10/15/25 07:11	10/16/25 10:45	1
Perfluorodecanesulfonic acid (PFDS)	0.20	U	0.20	0.10	ug/Kg	☼	10/15/25 07:11	10/16/25 10:45	1
Perfluorododecanesulfonic acid (PFDoS)	0.20	U	0.20	0.10	ug/Kg	☼	10/15/25 07:11	10/16/25 10:45	1
1H,1H,2H,2H-Perfluorohexane sulfonic acid (4:2 FTS)	0.40	U	0.40	0.20	ug/Kg	☼	10/15/25 07:11	10/16/25 10:45	1
1H,1H,2H,2H-Perfluorooctane sulfonic acid (6:2 FTS)	**0.25**	**J**	0.40	0.20	ug/Kg	☼	10/15/25 07:11	10/16/25 10:45	1
1H,1H,2H,2H-Perfluorodecane sulfonic acid (8:2 FTS)	**1.44**		0.40	0.20	ug/Kg	☼	10/15/25 07:11	10/16/25 10:45	1
Perfluorooctanesulfonamide (PFOSA)	0.20	U	0.20	0.10	ug/Kg	☼	10/15/25 07:11	10/16/25 10:45	1
N-methylperfluorooctane sulfonamide (NMeFOSA)	0.20	U	0.20	0.10	ug/Kg	☼	10/15/25 07:11	10/16/25 10:45	1

Client Sample ID: 5C_0-5
Date Collected: 10/08/25 09:50
Date Received: 10/08/25 17:00

Lab Sample ID: 460-336761-9
Matrix: Solid
Percent Solids: 88.4

Method: EPA 1633A - Per- and Polyfluoroalkyl Substances by LC/MS/MS, 1633A (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
N-ethylperfluorooctane sulfonamide (NEtFOSA)	0.20	U	0.20	0.10	ug/Kg	☼	10/15/25 07:11	10/16/25 10:45	1
N-methylperfluorooctanesulfonamidoacetic acid (NMeFOSAA)	0.20	U	0.20	0.10	ug/Kg	☼	10/15/25 07:11	10/16/25 10:45	1
N-ethylperfluorooctanesulfonamidoacetic acid (NEtFOSAA)	0.20	U	0.20	0.10	ug/Kg	☼	10/15/25 07:11	10/16/25 10:45	1
N-methylperfluorooctane sulfonamidoethanol (NMeFOSE)	1.0	U	1.0	0.50	ug/Kg	☼	10/15/25 07:11	10/16/25 10:45	1
N-ethylperfluorooctane sulfonamidoethanol (NEtFOSE)	1.0	U	1.0	0.50	ug/Kg	☼	10/15/25 07:11	10/16/25 10:45	1
Hexafluoropropylene Oxide Dimer Acid (HFPO-DA)	0.20	U	0.20	0.10	ug/Kg	☼	10/15/25 07:11	10/16/25 10:45	1
4,8-Dioxa-3H-perfluorononanoic acid (ADONA)	0.20	U	0.20	0.10	ug/Kg	☼	10/15/25 07:11	10/16/25 10:45	1
Perfluoro-3-methoxypropanoic acid (PFMPA)	0.20	U	0.20	0.10	ug/Kg	☼	10/15/25 07:11	10/16/25 10:45	1
Perfluoro-4-methoxybutanoic acid (PFMBA)	0.20	U	0.20	0.10	ug/Kg	☼	10/15/25 07:11	10/16/25 10:45	1
Nonafluoro-3,6-dioxaheptanoic acid (NFDHA)	0.20	U	0.20	0.10	ug/Kg	☼	10/15/25 07:11	10/16/25 10:45	1
9-Chlorohexadecafluoro-3-oxanonane-1-sulfonic acid (9Cl-PF3ONS)	0.20	U	0.20	0.10	ug/Kg	☼	10/15/25 07:11	10/16/25 10:45	1
11-Chloroeicosafluoro-3-oxaundecane-1-sulfonic acid (11Cl-PF3OUdS)	0.20	U	0.20	0.10	ug/Kg	☼	10/15/25 07:11	10/16/25 10:45	1
Perfluoro (2-ethoxyethane) sulfonic acid (PFEESA)	0.20	U	0.20	0.10	ug/Kg	☼	10/15/25 07:11	10/16/25 10:45	1
3-Perfluoropropylpropanoic acid (3:3 FTCA)	0.40	U	0.40	0.20	ug/Kg	☼	10/15/25 07:11	10/16/25 10:45	1
3-Perfluoropentylpropanoic acid (5:3 FTCA)	1.0	U	1.0	0.50	ug/Kg	☼	10/15/25 07:11	10/16/25 10:45	1
3-Perfluoroheptylpropanoic acid (7:3 FTCA)	**0.89**	**J**	1.0	0.50	ug/Kg	☼	10/15/25 07:11	10/16/25 10:45	1

Isotope Dilution	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
13C4 PFBA	*85.2*		*8 - 130*	*10/15/25 07:11*	*10/16/25 10:45*	*1*
13C5 PFPeA	*83.2*		*35 - 130*	*10/15/25 07:11*	*10/16/25 10:45*	*1*
13C5 PFHxA	*86.9*		*40 - 130*	*10/15/25 07:11*	*10/16/25 10:45*	*1*
13C4 PFHpA	*91.0*		*40 - 130*	*10/15/25 07:11*	*10/16/25 10:45*	*1*
13C8 PFOA	*85.3*		*40 - 130*	*10/15/25 07:11*	*10/16/25 10:45*	*1*
13C9 PFNA	*76.8*		*40 - 130*	*10/15/25 07:11*	*10/16/25 10:45*	*1*
13C6 PFDA	*82.6*		*40 - 130*	*10/15/25 07:11*	*10/16/25 10:45*	*1*
13C7 PFUnA	*84.0*		*40 - 130*	*10/15/25 07:11*	*10/16/25 10:45*	*1*
13C2 PFTeDA	*79.6*		*20 - 130*	*10/15/25 07:11*	*10/16/25 10:45*	*1*
13C3 PFBS	*85.4*		*40 - 135*	*10/15/25 07:11*	*10/16/25 10:45*	*1*
13C3 PFHxS	*84.1*		*40 - 130*	*10/15/25 07:11*	*10/16/25 10:45*	*1*
13C8 PFOS	*79.1*		*40 - 130*	*10/15/25 07:11*	*10/16/25 10:45*	*1*
13C8 FOSA	*70.1*		*40 - 130*	*10/15/25 07:11*	*10/16/25 10:45*	*1*
d3-NMeFOSAA	*82.1*		*40 - 135*	*10/15/25 07:11*	*10/16/25 10:45*	*1*
d5-NEtFOSAA	*84.3*		*40 - 150*	*10/15/25 07:11*	*10/16/25 10:45*	*1*
13C2 4:2 FTS	*116*		*40 - 165*	*10/15/25 07:11*	*10/16/25 10:45*	*1*
13C2 6:2 FTS	*108*		*40 - 215*	*10/15/25 07:11*	*10/16/25 10:45*	*1*
13C2 8:2 FTS	*90.4*		*40 - 275*	*10/15/25 07:11*	*10/16/25 10:45*	*1*
13C3 HFPO-DA	*88.2*		*40 - 130*	*10/15/25 07:11*	*10/16/25 10:45*	*1*
d7-N-MeFOSE-M	*69.0*		*20 - 130*	*10/15/25 07:11*	*10/16/25 10:45*	*1*

Client Sample ID: 5C_0-5

Date Collected: 10/08/25 09:50
Date Received: 10/08/25 17:00

Lab Sample ID: 460-336761-9

Matrix: Solid
Percent Solids: 88.4

Method: EPA 1633A - Per- and Polyfluoroalkyl Substances by LC/MS/MS, 1633A (Continued)

Isotope Dilution	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
d9-N-EtFOSE-M	61.7		15 - 130	10/15/25 07:11	10/16/25 10:45	1
d5-NEtPFOSA	64.7		10 - 130	10/15/25 07:11	10/16/25 10:45	1
d3-NMePFOSA	71.7		10 - 130	10/15/25 07:11	10/16/25 10:45	1
13C2 PFDoA	81.9		40 - 130	10/15/25 07:11	10/16/25 10:45	1

Method: SW846 6020B - Metals (ICP/MS)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Aluminum	6800		20.6	5.6	mg/Kg	☼	10/15/25 11:04	10/15/25 17:04	1
Antimony	0.62	J	1.0	0.15	mg/Kg	☼	10/15/25 11:04	10/15/25 17:04	1
Arsenic	5.7		1.0	0.11	mg/Kg	☼	10/15/25 11:04	10/15/25 17:04	1
Barium	65.2		2.1	0.15	mg/Kg	☼	10/15/25 11:04	10/15/25 17:04	1
Beryllium	0.84		0.41	0.023	mg/Kg	☼	10/15/25 11:04	10/15/25 17:04	1
Cadmium	0.23	J	1.0	0.12	mg/Kg	☼	10/15/25 11:04	10/15/25 17:04	1
Calcium	1610		103	10.0	mg/Kg	☼	10/15/25 11:04	10/15/25 17:04	1
Chromium	33.7		2.1	0.31	mg/Kg	☼	10/15/25 11:04	10/15/25 17:04	1
Cobalt	12.3		1.0	0.15	mg/Kg	☼	10/15/25 11:04	10/15/25 17:04	1
Copper	82.9		2.1	0.38	mg/Kg	☼	10/15/25 11:04	10/15/25 17:04	1
Iron	21300		61.7	7.9	mg/Kg	☼	10/15/25 11:04	10/15/25 17:04	1
Lead	89.2		0.62	0.21	mg/Kg	☼	10/15/25 11:04	10/15/25 17:04	1
Magnesium	2570		103	10.5	mg/Kg	☼	10/15/25 11:04	10/15/25 17:04	1
Manganese	246		4.1	0.41	mg/Kg	☼	10/15/25 11:04	10/15/25 17:04	1
Nickel	50.0		2.1	0.18	mg/Kg	☼	10/15/25 11:04	10/15/25 17:04	1
Potassium	1040		103	16.7	mg/Kg	☼	10/15/25 11:04	10/15/25 17:04	1
Selenium	0.43	J	1.3	0.13	mg/Kg	☼	10/15/25 11:04	10/15/25 17:04	1
Silver	0.16	J	0.41	0.092	mg/Kg	☼	10/15/25 11:04	10/15/25 17:04	1
Sodium	102	J	103	47.0	mg/Kg	☼	10/15/25 11:04	10/15/25 17:04	1
Thallium	0.11	J	0.41	0.042	mg/Kg	☼	10/15/25 11:04	10/15/25 17:04	1
Vanadium	22.5		2.1	0.21	mg/Kg	☼	10/15/25 11:04	10/15/25 17:04	1
Zinc	204		8.2	1.1	mg/Kg	☼	10/15/25 11:04	10/15/25 17:04	1

Method: SW846 7471B - Mercury (CVAA)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	0.042		0.019	0.0090	mg/Kg	☼	10/17/25 05:53	10/17/25 12:44	1

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Percent Moisture (EPA Moisture)	11.6		1.0	1.0	%			10/09/25 15:51	1
Percent Solids (EPA Moisture)	88.4		1.0	1.0	%			10/09/25 15:51	1

Client Sample ID: 5C_5-10

Date Collected: 10/08/25 09:55
Date Received: 10/08/25 17:00

Lab Sample ID: 460-336761-10

Matrix: Solid
Percent Solids: 89.4

Method: SW846 8270E - Semivolatile Organic Compounds (GC/MS)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1'-Biphenyl	0.37	U	0.37	0.013	mg/Kg	☼	10/10/25 08:26	10/10/25 23:24	1
1,2,4,5-Tetrachlorobenzene	0.37	U	0.37	0.011	mg/Kg	☼	10/10/25 08:26	10/10/25 23:24	1
1,4-Dioxane	0.037	U	0.037	0.032	mg/Kg	☼	10/10/25 08:26	10/10/25 23:24	1
2,2'-oxybis[1-chloropropane]	0.37	U	0.37	0.022	mg/Kg	☼	10/10/25 08:26	10/10/25 23:24	1
2,3,4,6-Tetrachlorophenol	0.37	U	0.37	0.025	mg/Kg	☼	10/10/25 08:26	10/10/25 23:24	1
2,4,5-Trichlorophenol	0.37	U	0.37	0.038	mg/Kg	☼	10/10/25 08:26	10/10/25 23:24	1

Client Sample ID: 5C_5-10
Date Collected: 10/08/25 09:55
Date Received: 10/08/25 17:00

Lab Sample ID: 460-336761-10
Matrix: Solid
Percent Solids: 89.4

Method: SW846 8270E - Semivolatile Organic Compounds (GC/MS) (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
2,4,6-Trichlorophenol	0.15	U	0.15	0.047	mg/Kg	☼	10/10/25 08:26	10/10/25 23:24	1
2,4-Dichlorophenol	0.15	U	0.15	0.024	mg/Kg	☼	10/10/25 08:26	10/10/25 23:24	1
2,4-Dimethylphenol	0.37	U	0.37	0.044	mg/Kg	☼	10/10/25 08:26	10/10/25 23:24	1
2,4-Dinitrophenol	0.30	U	0.30	0.18	mg/Kg	☼	10/10/25 08:26	10/10/25 23:24	1
2,4-Dinitrotoluene	0.075	U	0.075	0.040	mg/Kg	☼	10/10/25 08:26	10/10/25 23:24	1
2,6-Dinitrotoluene	0.075	U	0.075	0.027	mg/Kg	☼	10/10/25 08:26	10/10/25 23:24	1
2-Chloronaphthalene	0.37	U	0.37	0.047	mg/Kg	☼	10/10/25 08:26	10/10/25 23:24	1
2-Chlorophenol	0.37	U	0.37	0.013	mg/Kg	☼	10/10/25 08:26	10/10/25 23:24	1
2-Methylnaphthalene	0.37	U	0.37	0.010	mg/Kg	☼	10/10/25 08:26	10/10/25 23:24	1
2-Methylphenol	0.37	U	0.37	0.014	mg/Kg	☼	10/10/25 08:26	10/10/25 23:24	1
2-Nitroaniline	0.37	U	0.37	0.028	mg/Kg	☼	10/10/25 08:26	10/10/25 23:24	1
2-Nitrophenol	0.37	U	0.37	0.037	mg/Kg	☼	10/10/25 08:26	10/10/25 23:24	1
3 & 4 Methylphenol	0.37	U	0.37	0.023	mg/Kg	☼	10/10/25 08:26	10/10/25 23:24	1
3,3'-Dichlorobenzidine	0.15	U	0.15	0.056	mg/Kg	☼	10/10/25 08:26	10/10/25 23:24	1
3-Nitroaniline	0.37	U	0.37	0.087	mg/Kg	☼	10/10/25 08:26	10/10/25 23:24	1
4,6-Dinitro-2-methylphenol	0.30	U	0.30	0.15	mg/Kg	☼	10/10/25 08:26	10/10/25 23:24	1
4-Bromophenyl phenyl ether	0.37	U	0.37	0.015	mg/Kg	☼	10/10/25 08:26	10/10/25 23:24	1
4-Chloro-3-methylphenol	0.37	U	0.37	0.021	mg/Kg	☼	10/10/25 08:26	10/10/25 23:24	1
4-Chloroaniline	0.37	U	0.37	0.065	mg/Kg	☼	10/10/25 08:26	10/10/25 23:24	1
4-Chlorophenyl phenyl ether	0.37	U	0.37	0.013	mg/Kg	☼	10/10/25 08:26	10/10/25 23:24	1
4-Methylphenol	0.37	U	0.37	0.023	mg/Kg	☼	10/10/25 08:26	10/10/25 23:24	1
4-Nitroaniline	0.37	U	0.37	0.093	mg/Kg	☼	10/10/25 08:26	10/10/25 23:24	1
4-Nitrophenol	0.75	U	0.75	0.060	mg/Kg	☼	10/10/25 08:26	10/10/25 23:24	1
Acenaphthene	0.37	U	0.37	0.011	mg/Kg	☼	10/10/25 08:26	10/10/25 23:24	1
Acenaphthylene	**0.015**	**J**	0.37	0.011	mg/Kg	☼	10/10/25 08:26	10/10/25 23:24	1
Acetophenone	0.37	U	0.37	0.018	mg/Kg	☼	10/10/25 08:26	10/10/25 23:24	1
Anthracene	**0.045**	**J**	0.37	0.011	mg/Kg	☼	10/10/25 08:26	10/10/25 23:24	1
Atrazine	0.15	U	0.15	0.022	mg/Kg	☼	10/10/25 08:26	10/10/25 23:24	1
Benzaldehyde	0.37	U	0.37	0.061	mg/Kg	☼	10/10/25 08:26	10/10/25 23:24	1
Benzo[a]anthracene	**0.031**	**J**	0.037	0.028	mg/Kg	☼	10/10/25 08:26	10/10/25 23:24	1
Benzo[a]pyrene	**0.031**	**J**	0.037	0.0098	mg/Kg	☼	10/10/25 08:26	10/10/25 23:24	1
Benzo[b]fluoranthene	**0.040**		0.037	0.0095	mg/Kg	☼	10/10/25 08:26	10/10/25 23:24	1
Benzo[g,h,i]perylene	**0.031**	**J**	0.37	0.011	mg/Kg	☼	10/10/25 08:26	10/10/25 23:24	1
Benzo[k]fluoranthene	**0.015**	**J**	0.037	0.0072	mg/Kg	☼	10/10/25 08:26	10/10/25 23:24	1
Bis(2-chloroethoxy)methane	0.37	U	0.37	0.068	mg/Kg	☼	10/10/25 08:26	10/10/25 23:24	1
Bis(2-chloroethyl)ether	0.037	U	0.037	0.013	mg/Kg	☼	10/10/25 08:26	10/10/25 23:24	1
Bis(2-ethylhexyl) phthalate	0.37	U	0.37	0.019	mg/Kg	☼	10/10/25 08:26	10/10/25 23:24	1
Butyl benzyl phthalate	0.37	U	0.37	0.017	mg/Kg	☼	10/10/25 08:26	10/10/25 23:24	1
Caprolactam	0.37	U	0.37	0.057	mg/Kg	☼	10/10/25 08:26	10/10/25 23:24	1
Carbazole	0.37	U	0.37	0.014	mg/Kg	☼	10/10/25 08:26	10/10/25 23:24	1
Chrysene	**0.028**	**J**	0.37	0.015	mg/Kg	☼	10/10/25 08:26	10/10/25 23:24	1
Dibenz(a,h)anthracene	0.037	U	0.037	0.016	mg/Kg	☼	10/10/25 08:26	10/10/25 23:24	1
Dibenzofuran	0.37	U	0.37	0.012	mg/Kg	☼	10/10/25 08:26	10/10/25 23:24	1
Diethyl phthalate	0.37	U	0.37	0.012	mg/Kg	☼	10/10/25 08:26	10/10/25 23:24	1
Dimethyl phthalate	0.37	U	0.37	0.084	mg/Kg	☼	10/10/25 08:26	10/10/25 23:24	1
Di-n-butyl phthalate	**0.031**	**J**	0.37	0.014	mg/Kg	☼	10/10/25 08:26	10/10/25 23:24	1
Di-n-octyl phthalate	0.37	U	0.37	0.020	mg/Kg	☼	10/10/25 08:26	10/10/25 23:24	1
Fluoranthene	**0.043**	**J**	0.37	0.013	mg/Kg	☼	10/10/25 08:26	10/10/25 23:24	1
Fluorene	0.37	U	0.37	0.011	mg/Kg	☼	10/10/25 08:26	10/10/25 23:24	1

Client Sample ID: 5C_5-10
Date Collected: 10/08/25 09:55
Date Received: 10/08/25 17:00

Lab Sample ID: 460-336761-10
Matrix: Solid
Percent Solids: 89.4

Method: SW846 8270E - Semivolatile Organic Compounds (GC/MS) (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Hexachlorobenzene	0.037	U	0.037	0.018	mg/Kg	☼	10/10/25 08:26	10/10/25 23:24	1
Hexachlorobutadiene	0.075	U	0.075	0.0078	mg/Kg	☼	10/10/25 08:26	10/10/25 23:24	1
Hexachlorocyclopentadiene	0.37	U	0.37	0.032	mg/Kg	☼	10/10/25 08:26	10/10/25 23:24	1
Hexachloroethane	0.037	U	0.037	0.013	mg/Kg	☼	10/10/25 08:26	10/10/25 23:24	1
Indeno[1,2,3-cd]pyrene	**0.028**	**J**	0.037	0.014	mg/Kg	☼	10/10/25 08:26	10/10/25 23:24	1
Isophorone	0.15	U	0.15	0.11	mg/Kg	☼	10/10/25 08:26	10/10/25 23:24	1
Naphthalene	**0.0083**	**J**	0.37	0.0064	mg/Kg	☼	10/10/25 08:26	10/10/25 23:24	1
Nitrobenzene	0.037	U	0.037	0.020	mg/Kg	☼	10/10/25 08:26	10/10/25 23:24	1
N-Nitrosodi-n-propylamine	0.037	U	0.037	0.027	mg/Kg	☼	10/10/25 08:26	10/10/25 23:24	1
N-Nitrosodiphenylamine	0.37	U	0.37	0.030	mg/Kg	☼	10/10/25 08:26	10/10/25 23:24	1
Pentachlorophenol	0.30	U	0.30	0.076	mg/Kg	☼	10/10/25 08:26	10/10/25 23:24	1
Phenanthrene	**0.044**	**J**	0.37	0.015	mg/Kg	☼	10/10/25 08:26	10/10/25 23:24	1
Phenol	0.37	U	0.37	0.014	mg/Kg	☼	10/10/25 08:26	10/10/25 23:24	1
Pyrene	**0.046**	**J**	0.37	0.0092	mg/Kg	☼	10/10/25 08:26	10/10/25 23:24	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
2,4,6-Tribromophenol (Surr)	*54*		*18 - 137*	*10/10/25 08:26*	*10/10/25 23:24*	*1*
2-Fluorobiphenyl	*69*		*33 - 117*	*10/10/25 08:26*	*10/10/25 23:24*	*1*
2-Fluorophenol (Surr)	*66*		*24 - 120*	*10/10/25 08:26*	*10/10/25 23:24*	*1*
Nitrobenzene-d5 (Surr)	*72*		*27 - 120*	*10/10/25 08:26*	*10/10/25 23:24*	*1*
Phenol-d5 (Surr)	*69*		*28 - 118*	*10/10/25 08:26*	*10/10/25 23:24*	*1*
Terphenyl-d14 (Surr)	*74*		*33 - 124*	*10/10/25 08:26*	*10/10/25 23:24*	*1*

Method: SW846 8081B - Organochlorine Pesticides (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
4,4'-DDD	0.0075	U	0.0075	0.0013	mg/Kg	☼	10/09/25 17:52	10/10/25 17:10	1
4,4'-DDE	0.0075	U	0.0075	0.00088	mg/Kg	☼	10/09/25 17:52	10/10/25 17:10	1
4,4'-DDT	0.0075	U	0.0075	0.0014	mg/Kg	☼	10/09/25 17:52	10/10/25 17:10	1
Aldrin	0.0075	U	0.0075	0.0011	mg/Kg	☼	10/09/25 17:52	10/10/25 17:10	1
alpha-BHC	0.0022	U	0.0022	0.00076	mg/Kg	☼	10/09/25 17:52	10/10/25 17:10	1
beta-BHC	0.0022	U	0.0022	0.00084	mg/Kg	☼	10/09/25 17:52	10/10/25 17:10	1
Chlordane (technical)	0.075	U	0.075	0.018	mg/Kg	☼	10/09/25 17:52	10/10/25 17:10	1
cis-Chlordane	0.0075	U	0.0075	0.0012	mg/Kg	☼	10/09/25 17:52	10/10/25 17:10	1
delta-BHC	0.0022	U	0.0022	0.00046	mg/Kg	☼	10/09/25 17:52	10/10/25 17:10	1
Dieldrin	0.0022	U	0.0022	0.00097	mg/Kg	☼	10/09/25 17:52	10/10/25 17:10	1
Endosulfan I	0.0075	U	0.0075	0.0011	mg/Kg	☼	10/09/25 17:52	10/10/25 17:10	1
Endosulfan II	0.0075	U	0.0075	0.0019	mg/Kg	☼	10/09/25 17:52	10/10/25 17:10	1
Endosulfan sulfate	0.0075	U	0.0075	0.00094	mg/Kg	☼	10/09/25 17:52	10/10/25 17:10	1
Endrin	0.0075	U	0.0075	0.0011	mg/Kg	☼	10/09/25 17:52	10/10/25 17:10	1
Endrin aldehyde	0.0075	U	0.0075	0.0018	mg/Kg	☼	10/09/25 17:52	10/10/25 17:10	1
Endrin ketone	0.0075	U	0.0075	0.0015	mg/Kg	☼	10/09/25 17:52	10/10/25 17:10	1
gamma-BHC (Lindane)	0.0022	U	0.0022	0.00069	mg/Kg	☼	10/09/25 17:52	10/10/25 17:10	1
Heptachlor	0.0075	U	0.0075	0.00088	mg/Kg	☼	10/09/25 17:52	10/10/25 17:10	1
Heptachlor epoxide	0.0075	U	0.0075	0.0011	mg/Kg	☼	10/09/25 17:52	10/10/25 17:10	1
Methoxychlor	0.0075	U	0.0075	0.0017	mg/Kg	☼	10/09/25 17:52	10/10/25 17:10	1
Toxaphene	0.075	U	0.075	0.027	mg/Kg	☼	10/09/25 17:52	10/10/25 17:10	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
DCB Decachlorobiphenyl	*132*		*10 - 150*	*10/09/25 17:52*	*10/10/25 17:10*	*1*
DCB Decachlorobiphenyl	*133*		*10 - 150*	*10/09/25 17:52*	*10/10/25 17:10*	*1*

Client Sample ID: 5C_5-10
Date Collected: 10/08/25 09:55
Date Received: 10/08/25 17:00

Lab Sample ID: 460-336761-10
Matrix: Solid
Percent Solids: 89.4

Method: SW846 8081B - Organochlorine Pesticides (GC) (Continued)

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
Tetrachloro-m-xylene	*113*		*14 - 150*	*10/09/25 17:52*	*10/10/25 17:10*	*1*
Tetrachloro-m-xylene	*110*		*14 - 150*	*10/09/25 17:52*	*10/10/25 17:10*	*1*

Method: SW846 8082A - Polychlorinated Biphenyls (PCBs) by Gas Chromatography

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Aroclor 1016	0.075	U	0.075	0.020	mg/Kg	☼	10/09/25 17:24	10/10/25 22:39	1
Aroclor 1221	0.075	U	0.075	0.020	mg/Kg	☼	10/09/25 17:24	10/10/25 22:39	1
Aroclor 1232	0.075	U	0.075	0.020	mg/Kg	☼	10/09/25 17:24	10/10/25 22:39	1
Aroclor 1242	0.075	U	0.075	0.020	mg/Kg	☼	10/09/25 17:24	10/10/25 22:39	1
Aroclor 1248	0.075	U	0.075	0.020	mg/Kg	☼	10/09/25 17:24	10/10/25 22:39	1
Aroclor 1254	0.075	U	0.075	0.020	mg/Kg	☼	10/09/25 17:24	10/10/25 22:39	1
Aroclor 1260	0.075	U	0.075	0.020	mg/Kg	☼	10/09/25 17:24	10/10/25 22:39	1
Aroclor-1262	0.075	U	0.075	0.020	mg/Kg	☼	10/09/25 17:24	10/10/25 22:39	1
Aroclor 1268	0.075	U	0.075	0.020	mg/Kg	☼	10/09/25 17:24	10/10/25 22:39	1
Polychlorinated biphenyls, Total	0.075	U	0.075	0.020	mg/Kg	☼	10/09/25 17:24	10/10/25 22:39	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
DCB Decachlorobiphenyl	*123*		*10 - 150*	*10/09/25 17:24*	*10/10/25 22:39*	*1*
DCB Decachlorobiphenyl	*138*		*10 - 150*	*10/09/25 17:24*	*10/10/25 22:39*	*1*
Tetrachloro-m-xylene	*107*		*10 - 150*	*10/09/25 17:24*	*10/10/25 22:39*	*1*
Tetrachloro-m-xylene	*114*		*10 - 150*	*10/09/25 17:24*	*10/10/25 22:39*	*1*

Method: EPA 1633A - Per- and Polyfluoroalkyl Substances by LC/MS/MS, 1633A

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Perfluorobutanoic acid (PFBA)	0.40	U	0.40	0.10	ug/Kg	☼	10/15/25 07:11	10/16/25 10:59	1
Perfluoropentanoic acid (PFPeA)	0.20	U	0.20	0.10	ug/Kg	☼	10/15/25 07:11	10/16/25 10:59	1
Perfluorohexanoic acid (PFHxA)	0.20	U	0.20	0.10	ug/Kg	☼	10/15/25 07:11	10/16/25 10:59	1
Perfluoroheptanoic acid (PFHpA)	0.20	U	0.20	0.10	ug/Kg	☼	10/15/25 07:11	10/16/25 10:59	1
Perfluorooctanoic acid (PFOA)	**0.080**	**J**	0.20	0.060	ug/Kg	☼	10/15/25 07:11	10/16/25 10:59	1
Perfluorononanoic acid (PFNA)	**0.33**		0.20	0.10	ug/Kg	☼	10/15/25 07:11	10/16/25 10:59	1
Perfluorodecanoic acid (PFDA)	**0.22**		0.20	0.060	ug/Kg	☼	10/15/25 07:11	10/16/25 10:59	1
Perfluoroundecanoic acid (PFUnA)	**1.70**		0.20	0.10	ug/Kg	☼	10/15/25 07:11	10/16/25 10:59	1
Perfluorododecanoic acid (PFDoA)	**0.34**		0.20	0.10	ug/Kg	☼	10/15/25 07:11	10/16/25 10:59	1
Perfluorotridecanoic acid (PFTrDA)	**1.28**		0.20	0.10	ug/Kg	☼	10/15/25 07:11	10/16/25 10:59	1
Perfluorotetradecanoic acid (PFTeDA)	0.20	U	0.20	0.10	ug/Kg	☼	10/15/25 07:11	10/16/25 10:59	1
Perfluorobutanesulfonic acid (PFBS)	0.20	U	0.20	0.10	ug/Kg	☼	10/15/25 07:11	10/16/25 10:59	1
Perfluoropentanesulfonic acid (PFPeS)	0.20	U	0.20	0.10	ug/Kg	☼	10/15/25 07:11	10/16/25 10:59	1
Perfluorohexanesulfonic acid (PFHxS)	0.20	U	0.20	0.10	ug/Kg	☼	10/15/25 07:11	10/16/25 10:59	1
Perfluoroheptanesulfonic acid (PFHpS)	0.20	U	0.20	0.10	ug/Kg	☼	10/15/25 07:11	10/16/25 10:59	1
Perfluorooctanesulfonic acid (PFOS)	0.20	U	0.20	0.10	ug/Kg	☼	10/15/25 07:11	10/16/25 10:59	1
Perfluorononanesulfonic acid (PFNS)	0.20	U	0.20	0.10	ug/Kg	☼	10/15/25 07:11	10/16/25 10:59	1
Perfluorodecanesulfonic acid (PFDS)	0.20	U	0.20	0.10	ug/Kg	☼	10/15/25 07:11	10/16/25 10:59	1
Perfluorododecanesulfonic acid (PFDoS)	0.20	U	0.20	0.10	ug/Kg	☼	10/15/25 07:11	10/16/25 10:59	1
1H,1H,2H,2H-Perfluorohexane sulfonic acid (4:2 FTS)	0.40	U	0.40	0.20	ug/Kg	☼	10/15/25 07:11	10/16/25 10:59	1

Client Sample ID: 5C_5-10
Date Collected: 10/08/25 09:55
Date Received: 10/08/25 17:00

Lab Sample ID: 460-336761-10
Matrix: Solid
Percent Solids: 89.4

Method: EPA 1633A - Per- and Polyfluoroalkyl Substances by LC/MS/MS, 1633A (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1H,1H,2H,2H-Perfluorooctane sulfonic acid (6:2 FTS)	0.40	U	0.40	0.20	ug/Kg	☼	10/15/25 07:11	10/16/25 10:59	1
1H,1H,2H,2H-Perfluorodecane sulfonic acid (8:2 FTS)	**0.42**		0.40	0.20	ug/Kg	☼	10/15/25 07:11	10/16/25 10:59	1
Perfluorooctanesulfonamide (PFOSA)	0.20	U	0.20	0.10	ug/Kg	☼	10/15/25 07:11	10/16/25 10:59	1
N-methylperfluorooctane sulfonamide (NMeFOSA)	0.20	U	0.20	0.10	ug/Kg	☼	10/15/25 07:11	10/16/25 10:59	1
N-ethylperfluorooctane sulfonamide (NEtFOSA)	0.20	U	0.20	0.10	ug/Kg	☼	10/15/25 07:11	10/16/25 10:59	1
N-methylperfluorooctanesulfonamidoacetic acid (NMeFOSAA)	0.20	U	0.20	0.10	ug/Kg	☼	10/15/25 07:11	10/16/25 10:59	1
N-ethylperfluorooctanesulfonamidoacetic acid (NEtFOSAA)	0.20	U	0.20	0.10	ug/Kg	☼	10/15/25 07:11	10/16/25 10:59	1
N-methylperfluorooctane sulfonamidoethanol (NMeFOSE)	1.0	U	1.0	0.50	ug/Kg	☼	10/15/25 07:11	10/16/25 10:59	1
N-ethylperfluorooctane sulfonamidoethanol (NEtFOSE)	1.0	U	1.0	0.50	ug/Kg	☼	10/15/25 07:11	10/16/25 10:59	1
Hexafluoropropylene Oxide Dimer Acid (HFPO-DA)	0.20	U	0.20	0.10	ug/Kg	☼	10/15/25 07:11	10/16/25 10:59	1
4,8-Dioxa-3H-perfluorononanoic acid (ADONA)	0.20	U	0.20	0.10	ug/Kg	☼	10/15/25 07:11	10/16/25 10:59	1
Perfluoro-3-methoxypropanoic acid (PFMPA)	0.20	U	0.20	0.10	ug/Kg	☼	10/15/25 07:11	10/16/25 10:59	1
Perfluoro-4-methoxybutanoic acid (PFMBA)	0.20	U	0.20	0.10	ug/Kg	☼	10/15/25 07:11	10/16/25 10:59	1
Nonafluoro-3,6-dioxaheptanoic acid (NFDHA)	0.20	U	0.20	0.10	ug/Kg	☼	10/15/25 07:11	10/16/25 10:59	1
9-Chlorohexadecafluoro-3-oxanonane-1-sulfonic acid (9Cl-PF3ONS)	0.20	U	0.20	0.10	ug/Kg	☼	10/15/25 07:11	10/16/25 10:59	1
11-Chloroeicosafluoro-3-oxaundecane-1-sulfonic acid (11Cl-PF3OUdS)	0.20	U	0.20	0.10	ug/Kg	☼	10/15/25 07:11	10/16/25 10:59	1
Perfluoro (2-ethoxyethane) sulfonic acid (PFEESA)	0.20	U	0.20	0.10	ug/Kg	☼	10/15/25 07:11	10/16/25 10:59	1
3-Perfluoropropylpropanoic acid (3:3 FTCA)	0.40	U	0.40	0.20	ug/Kg	☼	10/15/25 07:11	10/16/25 10:59	1
3-Perfluoropentylpropanoic acid (5:3 FTCA)	1.0	U	1.0	0.50	ug/Kg	☼	10/15/25 07:11	10/16/25 10:59	1
3-Perfluoroheptylpropanoic acid (7:3 FTCA)	1.0	U	1.0	0.50	ug/Kg	☼	10/15/25 07:11	10/16/25 10:59	1

Isotope Dilution	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
13C4 PFBA	*88.4*		*8 - 130*	*10/15/25 07:11*	*10/16/25 10:59*	*1*
13C5 PFPeA	*86.7*		*35 - 130*	*10/15/25 07:11*	*10/16/25 10:59*	*1*
13C5 PFHxA	*87.1*		*40 - 130*	*10/15/25 07:11*	*10/16/25 10:59*	*1*
13C4 PFHpA	*99.0*		*40 - 130*	*10/15/25 07:11*	*10/16/25 10:59*	*1*
13C8 PFOA	*88.2*		*40 - 130*	*10/15/25 07:11*	*10/16/25 10:59*	*1*
13C9 PFNA	*96.6*		*40 - 130*	*10/15/25 07:11*	*10/16/25 10:59*	*1*
13C6 PFDA	*88.1*		*40 - 130*	*10/15/25 07:11*	*10/16/25 10:59*	*1*
13C7 PFUnA	*86.6*		*40 - 130*	*10/15/25 07:11*	*10/16/25 10:59*	*1*
13C2 PFTeDA	*80.9*		*20 - 130*	*10/15/25 07:11*	*10/16/25 10:59*	*1*
13C3 PFBS	*82.2*		*40 - 135*	*10/15/25 07:11*	*10/16/25 10:59*	*1*
13C3 PFHxS	*81.3*		*40 - 130*	*10/15/25 07:11*	*10/16/25 10:59*	*1*
13C8 PFOS	*86.0*		*40 - 130*	*10/15/25 07:11*	*10/16/25 10:59*	*1*
13C8 FOSA	*75.3*		*40 - 130*	*10/15/25 07:11*	*10/16/25 10:59*	*1*
d3-NMeFOSAA	*91.0*		*40 - 135*	*10/15/25 07:11*	*10/16/25 10:59*	*1*

Client Sample ID: 5C_5-10
Date Collected: 10/08/25 09:55
Date Received: 10/08/25 17:00

Lab Sample ID: 460-336761-10
Matrix: Solid
Percent Solids: 89.4

Method: EPA 1633A - Per- and Polyfluoroalkyl Substances by LC/MS/MS, 1633A (Continued)

Isotope Dilution	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
d5-NEtFOSAA	94.4		40 - 150	10/15/25 07:11	10/16/25 10:59	1
13C2 4:2 FTS	109		40 - 165	10/15/25 07:11	10/16/25 10:59	1
13C2 6:2 FTS	105		40 - 215	10/15/25 07:11	10/16/25 10:59	1
13C2 8:2 FTS	94.8		40 - 275	10/15/25 07:11	10/16/25 10:59	1
13C3 HFPO-DA	87.1		40 - 130	10/15/25 07:11	10/16/25 10:59	1
d7-N-MeFOSE-M	72.0		20 - 130	10/15/25 07:11	10/16/25 10:59	1
d9-N-EtFOSE-M	61.9		15 - 130	10/15/25 07:11	10/16/25 10:59	1
d5-NEtPFOSA	69.5		10 - 130	10/15/25 07:11	10/16/25 10:59	1
d3-NMePFOSA	75.2		10 - 130	10/15/25 07:11	10/16/25 10:59	1
13C2 PFDoA	84.7		40 - 130	10/15/25 07:11	10/16/25 10:59	1

Method: SW846 6020B - Metals (ICP/MS)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Aluminum	5740		21.1	5.8	mg/Kg	☼	10/15/25 11:04	10/15/25 17:07	1
Antimony	0.87	J	1.1	0.15	mg/Kg	☼	10/15/25 11:04	10/15/25 17:07	1
Arsenic	6.3		1.1	0.11	mg/Kg	☼	10/15/25 11:04	10/15/25 17:07	1
Barium	48.4		2.1	0.15	mg/Kg	☼	10/15/25 11:04	10/15/25 17:07	1
Beryllium	0.66		0.42	0.023	mg/Kg	☼	10/15/25 11:04	10/15/25 17:07	1
Cadmium	0.29	J	1.1	0.12	mg/Kg	☼	10/15/25 11:04	10/15/25 17:07	1
Calcium	1220		106	10.3	mg/Kg	☼	10/15/25 11:04	10/15/25 17:07	1
Chromium	23.1		2.1	0.31	mg/Kg	☼	10/15/25 11:04	10/15/25 17:07	1
Cobalt	6.5		1.1	0.16	mg/Kg	☼	10/15/25 11:04	10/15/25 17:07	1
Copper	45.3		2.1	0.39	mg/Kg	☼	10/15/25 11:04	10/15/25 17:07	1
Iron	17200		63.3	8.1	mg/Kg	☼	10/15/25 11:04	10/15/25 17:07	1
Lead	139		0.63	0.21	mg/Kg	☼	10/15/25 11:04	10/15/25 17:07	1
Magnesium	1590		106	10.8	mg/Kg	☼	10/15/25 11:04	10/15/25 17:07	1
Manganese	176		4.2	0.43	mg/Kg	☼	10/15/25 11:04	10/15/25 17:07	1
Nickel	19.6		2.1	0.19	mg/Kg	☼	10/15/25 11:04	10/15/25 17:07	1
Potassium	825		106	17.1	mg/Kg	☼	10/15/25 11:04	10/15/25 17:07	1
Selenium	0.22	J	1.3	0.14	mg/Kg	☼	10/15/25 11:04	10/15/25 17:07	1
Silver	0.21	J	0.42	0.094	mg/Kg	☼	10/15/25 11:04	10/15/25 17:07	1
Sodium	82.9	J	106	48.2	mg/Kg	☼	10/15/25 11:04	10/15/25 17:07	1
Thallium	0.075	J	0.42	0.043	mg/Kg	☼	10/15/25 11:04	10/15/25 17:07	1
Vanadium	21.1		2.1	0.22	mg/Kg	☼	10/15/25 11:04	10/15/25 17:07	1
Zinc	139		8.4	1.2	mg/Kg	☼	10/15/25 11:04	10/15/25 17:07	1

Method: SW846 7471B - Mercury (CVAA)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	0.048		0.018	0.0087	mg/Kg	☼	10/17/25 05:53	10/17/25 12:47	1

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Percent Moisture (EPA Moisture)	10.6		1.0	1.0	%			10/09/25 15:51	1
Percent Solids (EPA Moisture)	89.4		1.0	1.0	%			10/09/25 15:51	1

Client Sample ID: 5D_0-5
Date Collected: 10/08/25 10:00
Date Received: 10/08/25 17:00

Lab Sample ID: 460-336761-11
Matrix: Solid
Percent Solids: 91.7

Method: SW846 8270E - Semivolatile Organic Compounds (GC/MS)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1'-Biphenyl	0.36	U	0.36	0.012	mg/Kg	☼	10/10/25 08:26	10/10/25 23:46	1
1,2,4,5-Tetrachlorobenzene	0.36	U	0.36	0.011	mg/Kg	☼	10/10/25 08:26	10/10/25 23:46	1
1,4-Dioxane	0.036	U	0.036	0.031	mg/Kg	☼	10/10/25 08:26	10/10/25 23:46	1
2,2'-oxybis[1-chloropropane]	0.36	U	0.36	0.022	mg/Kg	☼	10/10/25 08:26	10/10/25 23:46	1
2,3,4,6-Tetrachlorophenol	0.36	U	0.36	0.024	mg/Kg	☼	10/10/25 08:26	10/10/25 23:46	1
2,4,5-Trichlorophenol	0.36	U	0.36	0.037	mg/Kg	☼	10/10/25 08:26	10/10/25 23:46	1
2,4,6-Trichlorophenol	0.14	U	0.14	0.046	mg/Kg	☼	10/10/25 08:26	10/10/25 23:46	1
2,4-Dichlorophenol	0.14	U	0.14	0.023	mg/Kg	☼	10/10/25 08:26	10/10/25 23:46	1
2,4-Dimethylphenol	0.36	U	0.36	0.043	mg/Kg	☼	10/10/25 08:26	10/10/25 23:46	1
2,4-Dinitrophenol	0.29	U	0.29	0.18	mg/Kg	☼	10/10/25 08:26	10/10/25 23:46	1
2,4-Dinitrotoluene	0.073	U	0.073	0.039	mg/Kg	☼	10/10/25 08:26	10/10/25 23:46	1
2,6-Dinitrotoluene	0.073	U	0.073	0.026	mg/Kg	☼	10/10/25 08:26	10/10/25 23:46	1
2-Chloronaphthalene	0.36	U	0.36	0.046	mg/Kg	☼	10/10/25 08:26	10/10/25 23:46	1
2-Chlorophenol	0.36	U	0.36	0.013	mg/Kg	☼	10/10/25 08:26	10/10/25 23:46	1
2-Methylnaphthalene	0.36	U	0.36	0.010	mg/Kg	☼	10/10/25 08:26	10/10/25 23:46	1
2-Methylphenol	0.36	U	0.36	0.013	mg/Kg	☼	10/10/25 08:26	10/10/25 23:46	1
2-Nitroaniline	0.36	U	0.36	0.027	mg/Kg	☼	10/10/25 08:26	10/10/25 23:46	1
2-Nitrophenol	0.36	U	0.36	0.036	mg/Kg	☼	10/10/25 08:26	10/10/25 23:46	1
3 & 4 Methylphenol	0.36	U	0.36	0.022	mg/Kg	☼	10/10/25 08:26	10/10/25 23:46	1
3,3'-Dichlorobenzidine	0.14	U	0.14	0.054	mg/Kg	☼	10/10/25 08:26	10/10/25 23:46	1
3-Nitroaniline	0.36	U	0.36	0.085	mg/Kg	☼	10/10/25 08:26	10/10/25 23:46	1
4,6-Dinitro-2-methylphenol	0.29	U	0.29	0.15	mg/Kg	☼	10/10/25 08:26	10/10/25 23:46	1
4-Bromophenyl phenyl ether	0.36	U	0.36	0.014	mg/Kg	☼	10/10/25 08:26	10/10/25 23:46	1
4-Chloro-3-methylphenol	0.36	U	0.36	0.020	mg/Kg	☼	10/10/25 08:26	10/10/25 23:46	1
4-Chloroaniline	0.36	U	0.36	0.064	mg/Kg	☼	10/10/25 08:26	10/10/25 23:46	1
4-Chlorophenyl phenyl ether	0.36	U	0.36	0.013	mg/Kg	☼	10/10/25 08:26	10/10/25 23:46	1
4-Methylphenol	0.36	U	0.36	0.022	mg/Kg	☼	10/10/25 08:26	10/10/25 23:46	1
4-Nitroaniline	0.36	U	0.36	0.091	mg/Kg	☼	10/10/25 08:26	10/10/25 23:46	1
4-Nitrophenol	0.73	U	0.73	0.059	mg/Kg	☼	10/10/25 08:26	10/10/25 23:46	1
Acenaphthene	0.36	U	0.36	0.010	mg/Kg	☼	10/10/25 08:26	10/10/25 23:46	1
Acenaphthylene	0.36	U	0.36	0.010	mg/Kg	☼	10/10/25 08:26	10/10/25 23:46	1
Acetophenone	0.36	U	0.36	0.018	mg/Kg	☼	10/10/25 08:26	10/10/25 23:46	1
Anthracene	0.36	U	0.36	0.011	mg/Kg	☼	10/10/25 08:26	10/10/25 23:46	1
Atrazine	0.14	U	0.14	0.021	mg/Kg	☼	10/10/25 08:26	10/10/25 23:46	1
Benzaldehyde	0.36	U	0.36	0.059	mg/Kg	☼	10/10/25 08:26	10/10/25 23:46	1
Benzo[a]anthracene	0.036	U	0.036	0.027	mg/Kg	☼	10/10/25 08:26	10/10/25 23:46	1
Benzo[a]pyrene	0.036	U	0.036	0.0096	mg/Kg	☼	10/10/25 08:26	10/10/25 23:46	1
Benzo[b]fluoranthene	0.036	U	0.036	0.0093	mg/Kg	☼	10/10/25 08:26	10/10/25 23:46	1
Benzo[g,h,i]perylene	0.36	U	0.36	0.011	mg/Kg	☼	10/10/25 08:26	10/10/25 23:46	1
Benzo[k]fluoranthene	0.036	U	0.036	0.0070	mg/Kg	☼	10/10/25 08:26	10/10/25 23:46	1
Bis(2-chloroethoxy)methane	0.36	U	0.36	0.066	mg/Kg	☼	10/10/25 08:26	10/10/25 23:46	1
Bis(2-chloroethyl)ether	0.036	U	0.036	0.013	mg/Kg	☼	10/10/25 08:26	10/10/25 23:46	1
Bis(2-ethylhexyl) phthalate	0.36	U	0.36	0.019	mg/Kg	☼	10/10/25 08:26	10/10/25 23:46	1
Butyl benzyl phthalate	0.36	U	0.36	0.017	mg/Kg	☼	10/10/25 08:26	10/10/25 23:46	1
Caprolactam	0.36	U	0.36	0.056	mg/Kg	☼	10/10/25 08:26	10/10/25 23:46	1
Carbazole	0.36	U	0.36	0.014	mg/Kg	☼	10/10/25 08:26	10/10/25 23:46	1
Chrysene	0.36	U	0.36	0.015	mg/Kg	☼	10/10/25 08:26	10/10/25 23:46	1
Dibenz(a,h)anthracene	0.036	U	0.036	0.016	mg/Kg	☼	10/10/25 08:26	10/10/25 23:46	1
Dibenzofuran	0.36	U	0.36	0.012	mg/Kg	☼	10/10/25 08:26	10/10/25 23:46	1

Client Sample ID: 5D_0-5
Date Collected: 10/08/25 10:00
Date Received: 10/08/25 17:00

Lab Sample ID: 460-336761-11
Matrix: Solid
Percent Solids: 91.7

Method: SW846 8270E - Semivolatile Organic Compounds (GC/MS) (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Diethyl phthalate	0.36	U	0.36	0.012	mg/Kg	☼	10/10/25 08:26	10/10/25 23:46	1
Dimethyl phthalate	0.36	U	0.36	0.082	mg/Kg	☼	10/10/25 08:26	10/10/25 23:46	1
Di-n-butyl phthalate	**0.022**	**J**	0.36	0.014	mg/Kg	☼	10/10/25 08:26	10/10/25 23:46	1
Di-n-octyl phthalate	0.36	U	0.36	0.019	mg/Kg	☼	10/10/25 08:26	10/10/25 23:46	1
Fluoranthene	0.36	U	0.36	0.013	mg/Kg	☼	10/10/25 08:26	10/10/25 23:46	1
Fluorene	0.36	U	0.36	0.011	mg/Kg	☼	10/10/25 08:26	10/10/25 23:46	1
Hexachlorobenzene	0.036	U	0.036	0.017	mg/Kg	☼	10/10/25 08:26	10/10/25 23:46	1
Hexachlorobutadiene	0.073	U	0.073	0.0076	mg/Kg	☼	10/10/25 08:26	10/10/25 23:46	1
Hexachlorocyclopentadiene	0.36	U	0.36	0.032	mg/Kg	☼	10/10/25 08:26	10/10/25 23:46	1
Hexachloroethane	0.036	U	0.036	0.012	mg/Kg	☼	10/10/25 08:26	10/10/25 23:46	1
Indeno[1,2,3-cd]pyrene	0.036	U	0.036	0.014	mg/Kg	☼	10/10/25 08:26	10/10/25 23:46	1
Isophorone	0.14	U	0.14	0.10	mg/Kg	☼	10/10/25 08:26	10/10/25 23:46	1
Naphthalene	0.36	U	0.36	0.0062	mg/Kg	☼	10/10/25 08:26	10/10/25 23:46	1
Nitrobenzene	0.036	U	0.036	0.020	mg/Kg	☼	10/10/25 08:26	10/10/25 23:46	1
N-Nitrosodi-n-propylamine	0.036	U	0.036	0.026	mg/Kg	☼	10/10/25 08:26	10/10/25 23:46	1
N-Nitrosodiphenylamine	0.36	U	0.36	0.030	mg/Kg	☼	10/10/25 08:26	10/10/25 23:46	1
Pentachlorophenol	0.29	U	0.29	0.074	mg/Kg	☼	10/10/25 08:26	10/10/25 23:46	1
Phenanthrene	0.36	U	0.36	0.015	mg/Kg	☼	10/10/25 08:26	10/10/25 23:46	1
Phenol	0.36	U	0.36	0.013	mg/Kg	☼	10/10/25 08:26	10/10/25 23:46	1
Pyrene	0.36	U	0.36	0.0089	mg/Kg	☼	10/10/25 08:26	10/10/25 23:46	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
2,4,6-Tribromophenol (Surr)	*48*		*18 - 137*	*10/10/25 08:26*	*10/10/25 23:46*	*1*
2-Fluorobiphenyl	*60*		*33 - 117*	*10/10/25 08:26*	*10/10/25 23:46*	*1*
2-Fluorophenol (Surr)	*59*		*24 - 120*	*10/10/25 08:26*	*10/10/25 23:46*	*1*
Nitrobenzene-d5 (Surr)	*62*		*27 - 120*	*10/10/25 08:26*	*10/10/25 23:46*	*1*
Phenol-d5 (Surr)	*59*		*28 - 118*	*10/10/25 08:26*	*10/10/25 23:46*	*1*
Terphenyl-d14 (Surr)	*64*		*33 - 124*	*10/10/25 08:26*	*10/10/25 23:46*	*1*

Method: SW846 8081B - Organochlorine Pesticides (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
4,4'-DDD	0.0073	U	0.0073	0.0012	mg/Kg	☼	10/09/25 17:52	10/10/25 17:23	1
4,4'-DDE	0.0073	U	0.0073	0.00086	mg/Kg	☼	10/09/25 17:52	10/10/25 17:23	1
4,4'-DDT	0.0073	U	0.0073	0.0013	mg/Kg	☼	10/09/25 17:52	10/10/25 17:23	1
Aldrin	0.0073	U	0.0073	0.0011	mg/Kg	☼	10/09/25 17:52	10/10/25 17:23	1
alpha-BHC	0.0022	U	0.0022	0.00074	mg/Kg	☼	10/09/25 17:52	10/10/25 17:23	1
beta-BHC	0.0022	U	0.0022	0.00082	mg/Kg	☼	10/09/25 17:52	10/10/25 17:23	1
Chlordane (technical)	0.073	U	0.073	0.018	mg/Kg	☼	10/09/25 17:52	10/10/25 17:23	1
cis-Chlordane	0.0073	U	0.0073	0.0012	mg/Kg	☼	10/09/25 17:52	10/10/25 17:23	1
delta-BHC	0.0022	U	0.0022	0.00045	mg/Kg	☼	10/09/25 17:52	10/10/25 17:23	1
Dieldrin	0.0022	U	0.0022	0.00095	mg/Kg	☼	10/09/25 17:52	10/10/25 17:23	1
Endosulfan I	0.0073	U	0.0073	0.0011	mg/Kg	☼	10/09/25 17:52	10/10/25 17:23	1
Endosulfan II	0.0073	U	0.0073	0.0019	mg/Kg	☼	10/09/25 17:52	10/10/25 17:23	1
Endosulfan sulfate	0.0073	U	0.0073	0.00092	mg/Kg	☼	10/09/25 17:52	10/10/25 17:23	1
Endrin	0.0073	U	0.0073	0.0010	mg/Kg	☼	10/09/25 17:52	10/10/25 17:23	1
Endrin aldehyde	0.0073	U	0.0073	0.0017	mg/Kg	☼	10/09/25 17:52	10/10/25 17:23	1
Endrin ketone	0.0073	U	0.0073	0.0014	mg/Kg	☼	10/09/25 17:52	10/10/25 17:23	1
gamma-BHC (Lindane)	0.0022	U	0.0022	0.00068	mg/Kg	☼	10/09/25 17:52	10/10/25 17:23	1
Heptachlor	0.0073	U	0.0073	0.00086	mg/Kg	☼	10/09/25 17:52	10/10/25 17:23	1
Heptachlor epoxide	0.0073	U	0.0073	0.0011	mg/Kg	☼	10/09/25 17:52	10/10/25 17:23	1

Client Sample ID: 5D_0-5
Date Collected: 10/08/25 10:00
Date Received: 10/08/25 17:00

Lab Sample ID: 460-336761-11
Matrix: Solid
Percent Solids: 91.7

Method: SW846 8081B - Organochlorine Pesticides (GC) (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Methoxychlor	0.0073	U	0.0073	0.0017	mg/Kg	☼	10/09/25 17:52	10/10/25 17:23	1
Toxaphene	0.073	U	0.073	0.026	mg/Kg	☼	10/09/25 17:52	10/10/25 17:23	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
DCB Decachlorobiphenyl	*123*		*10 - 150*	*10/09/25 17:52*	*10/10/25 17:23*	*1*
DCB Decachlorobiphenyl	*126*		*10 - 150*	*10/09/25 17:52*	*10/10/25 17:23*	*1*
Tetrachloro-m-xylene	*98*		*14 - 150*	*10/09/25 17:52*	*10/10/25 17:23*	*1*
Tetrachloro-m-xylene	*98*		*14 - 150*	*10/09/25 17:52*	*10/10/25 17:23*	*1*

Method: SW846 8082A - Polychlorinated Biphenyls (PCBs) by Gas Chromatography

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Aroclor 1016	0.073	U	0.073	0.019	mg/Kg	☼	10/09/25 17:24	10/10/25 22:56	1
Aroclor 1221	0.073	U	0.073	0.019	mg/Kg	☼	10/09/25 17:24	10/10/25 22:56	1
Aroclor 1232	0.073	U	0.073	0.019	mg/Kg	☼	10/09/25 17:24	10/10/25 22:56	1
Aroclor 1242	0.073	U	0.073	0.019	mg/Kg	☼	10/09/25 17:24	10/10/25 22:56	1
Aroclor 1248	0.073	U	0.073	0.019	mg/Kg	☼	10/09/25 17:24	10/10/25 22:56	1
Aroclor 1254	0.073	U	0.073	0.019	mg/Kg	☼	10/09/25 17:24	10/10/25 22:56	1
Aroclor 1260	0.073	U	0.073	0.019	mg/Kg	☼	10/09/25 17:24	10/10/25 22:56	1
Aroclor-1262	0.073	U	0.073	0.019	mg/Kg	☼	10/09/25 17:24	10/10/25 22:56	1
Aroclor 1268	0.073	U	0.073	0.019	mg/Kg	☼	10/09/25 17:24	10/10/25 22:56	1
Polychlorinated biphenyls, Total	0.073	U	0.073	0.019	mg/Kg	☼	10/09/25 17:24	10/10/25 22:56	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
DCB Decachlorobiphenyl	*127*		*10 - 150*	*10/09/25 17:24*	*10/10/25 22:56*	*1*
DCB Decachlorobiphenyl	*138*		*10 - 150*	*10/09/25 17:24*	*10/10/25 22:56*	*1*
Tetrachloro-m-xylene	*109*		*10 - 150*	*10/09/25 17:24*	*10/10/25 22:56*	*1*
Tetrachloro-m-xylene	*113*		*10 - 150*	*10/09/25 17:24*	*10/10/25 22:56*	*1*

Method: EPA 1633A - Per- and Polyfluoroalkyl Substances by LC/MS/MS, 1633A

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Perfluorobutanoic acid (PFBA)	0.40	U	0.40	0.10	ug/Kg	☼	10/15/25 07:11	10/16/25 11:12	1
Perfluoropentanoic acid (PFPeA)	0.20	U	0.20	0.10	ug/Kg	☼	10/15/25 07:11	10/16/25 11:12	1
Perfluorohexanoic acid (PFHxA)	0.20	U	0.20	0.10	ug/Kg	☼	10/15/25 07:11	10/16/25 11:12	1
Perfluoroheptanoic acid (PFHpA)	0.20	U	0.20	0.10	ug/Kg	☼	10/15/25 07:11	10/16/25 11:12	1
Perfluorooctanoic acid (PFOA)	**0.25**		0.20	0.060	ug/Kg	☼	10/15/25 07:11	10/16/25 11:12	1
Perfluorononanoic acid (PFNA)	**1.79**		0.20	0.10	ug/Kg	☼	10/15/25 07:11	10/16/25 11:12	1
Perfluorodecanoic acid (PFDA)	**0.42**		0.20	0.060	ug/Kg	☼	10/15/25 07:11	10/16/25 11:12	1
Perfluoroundecanoic acid (PFUnA)	**2.20**		0.20	0.10	ug/Kg	☼	10/15/25 07:11	10/16/25 11:12	1
Perfluorododecanoic acid (PFDoA)	**0.24**		0.20	0.10	ug/Kg	☼	10/15/25 07:11	10/16/25 11:12	1
Perfluorotridecanoic acid (PFTrDA)	**1.05**		0.20	0.10	ug/Kg	☼	10/15/25 07:11	10/16/25 11:12	1
Perfluorotetradecanoic acid (PFTeDA)	0.20	U	0.20	0.10	ug/Kg	☼	10/15/25 07:11	10/16/25 11:12	1
Perfluorobutanesulfonic acid (PFBS)	0.20	U	0.20	0.10	ug/Kg	☼	10/15/25 07:11	10/16/25 11:12	1
Perfluoropentanesulfonic acid (PFPeS)	0.20	U	0.20	0.10	ug/Kg	☼	10/15/25 07:11	10/16/25 11:12	1
Perfluorohexanesulfonic acid (PFHxS)	0.20	U	0.20	0.10	ug/Kg	☼	10/15/25 07:11	10/16/25 11:12	1
Perfluoroheptanesulfonic acid (PFHpS)	0.20	U	0.20	0.10	ug/Kg	☼	10/15/25 07:11	10/16/25 11:12	1
Perfluorooctanesulfonic acid (PFOS)	0.20	U	0.20	0.10	ug/Kg	☼	10/15/25 07:11	10/16/25 11:12	1
Perfluorononanesulfonic acid (PFNS)	0.20	U	0.20	0.10	ug/Kg	☼	10/15/25 07:11	10/16/25 11:12	1

Client Sample ID: 5D_0-5
Date Collected: 10/08/25 10:00
Date Received: 10/08/25 17:00

Lab Sample ID: 460-336761-11
Matrix: Solid
Percent Solids: 91.7

Method: EPA 1633A - Per- and Polyfluoroalkyl Substances by LC/MS/MS, 1633A (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Perfluorodecanesulfonic acid (PFDS)	0.20	U	0.20	0.10	ug/Kg	☼	10/15/25 07:11	10/16/25 11:12	1
Perfluorododecanesulfonic acid (PFDoS)	0.20	U	0.20	0.10	ug/Kg	☼	10/15/25 07:11	10/16/25 11:12	1
1H,1H,2H,2H-Perfluorohexane sulfonic acid (4:2 FTS)	0.40	U	0.40	0.20	ug/Kg	☼	10/15/25 07:11	10/16/25 11:12	1
1H,1H,2H,2H-Perfluorooctane sulfonic acid (6:2 FTS)	0.40	U	0.40	0.20	ug/Kg	☼	10/15/25 07:11	10/16/25 11:12	1
1H,1H,2H,2H-Perfluorodecane sulfonic acid (8:2 FTS)	**0.25**	**J**	0.40	0.20	ug/Kg	☼	10/15/25 07:11	10/16/25 11:12	1
Perfluorooctanesulfonamide (PFOSA)	0.20	U	0.20	0.10	ug/Kg	☼	10/15/25 07:11	10/16/25 11:12	1
N-methylperfluorooctane sulfonamide (NMeFOSA)	0.20	U	0.20	0.10	ug/Kg	☼	10/15/25 07:11	10/16/25 11:12	1
N-ethylperfluorooctane sulfonamide (NEtFOSA)	0.20	U	0.20	0.10	ug/Kg	☼	10/15/25 07:11	10/16/25 11:12	1
N-methylperfluorooctanesulfonamidoacetic acid (NMeFOSAA)	0.20	U	0.20	0.10	ug/Kg	☼	10/15/25 07:11	10/16/25 11:12	1
N-ethylperfluorooctanesulfonamidoacetic acid (NEtFOSAA)	0.20	U	0.20	0.10	ug/Kg	☼	10/15/25 07:11	10/16/25 11:12	1
N-methylperfluorooctane sulfonamidoethanol (NMeFOSE)	1.0	U	1.0	0.50	ug/Kg	☼	10/15/25 07:11	10/16/25 11:12	1
N-ethylperfluorooctane sulfonamidoethanol (NEtFOSE)	1.0	U	1.0	0.50	ug/Kg	☼	10/15/25 07:11	10/16/25 11:12	1
Hexafluoropropylene Oxide Dimer Acid (HFPO-DA)	0.20	U	0.20	0.10	ug/Kg	☼	10/15/25 07:11	10/16/25 11:12	1
4,8-Dioxa-3H-perfluorononanoic acid (ADONA)	0.20	U	0.20	0.10	ug/Kg	☼	10/15/25 07:11	10/16/25 11:12	1
Perfluoro-3-methoxypropanoic acid (PFMPA)	0.20	U	0.20	0.10	ug/Kg	☼	10/15/25 07:11	10/16/25 11:12	1
Perfluoro-4-methoxybutanoic acid (PFMBA)	0.20	U	0.20	0.10	ug/Kg	☼	10/15/25 07:11	10/16/25 11:12	1
Nonafluoro-3,6-dioxaheptanoic acid (NFDHA)	0.20	U	0.20	0.10	ug/Kg	☼	10/15/25 07:11	10/16/25 11:12	1
9-Chlorohexadecafluoro-3-oxanonane-1-sulfonic acid (9Cl-PF3ONS)	0.20	U	0.20	0.10	ug/Kg	☼	10/15/25 07:11	10/16/25 11:12	1
11-Chloroeicosafluoro-3-oxaundecane-1-sulfonic acid (11Cl-PF3OUdS)	0.20	U	0.20	0.10	ug/Kg	☼	10/15/25 07:11	10/16/25 11:12	1
Perfluoro (2-ethoxyethane) sulfonic acid (PFEESA)	0.20	U	0.20	0.10	ug/Kg	☼	10/15/25 07:11	10/16/25 11:12	1
3-Perfluoropropylpropanoic acid (3:3 FTCA)	0.40	U	0.40	0.20	ug/Kg	☼	10/15/25 07:11	10/16/25 11:12	1
3-Perfluoropentylpropanoic acid (5:3 FTCA)	1.0	U	1.0	0.50	ug/Kg	☼	10/15/25 07:11	10/16/25 11:12	1
3-Perfluoroheptylpropanoic acid (7:3 FTCA)	1.0	U	1.0	0.50	ug/Kg	☼	10/15/25 07:11	10/16/25 11:12	1

Isotope Dilution	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
13C4 PFBA	*82.0*		*8 - 130*	*10/15/25 07:11*	*10/16/25 11:12*	*1*
13C5 PFPeA	*79.0*		*35 - 130*	*10/15/25 07:11*	*10/16/25 11:12*	*1*
13C5 PFHxA	*81.1*		*40 - 130*	*10/15/25 07:11*	*10/16/25 11:12*	*1*
13C4 PFHpA	*89.3*		*40 - 130*	*10/15/25 07:11*	*10/16/25 11:12*	*1*
13C8 PFOA	*84.5*		*40 - 130*	*10/15/25 07:11*	*10/16/25 11:12*	*1*
13C9 PFNA	*85.1*		*40 - 130*	*10/15/25 07:11*	*10/16/25 11:12*	*1*
13C6 PFDA	*77.5*		*40 - 130*	*10/15/25 07:11*	*10/16/25 11:12*	*1*
13C7 PFUnA	*82.6*		*40 - 130*	*10/15/25 07:11*	*10/16/25 11:12*	*1*
13C2 PFTeDA	*75.1*		*20 - 130*	*10/15/25 07:11*	*10/16/25 11:12*	*1*

Client Sample ID: 5D_0-5
Date Collected: 10/08/25 10:00
Date Received: 10/08/25 17:00

Lab Sample ID: 460-336761-11
Matrix: Solid
Percent Solids: 91.7

Method: EPA 1633A - Per- and Polyfluoroalkyl Substances by LC/MS/MS, 1633A (Continued)

Isotope Dilution	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
13C3 PFBS	82.0		40 - 135	10/15/25 07:11	10/16/25 11:12	1
13C3 PFHxS	80.1		40 - 130	10/15/25 07:11	10/16/25 11:12	1
13C8 PFOS	79.0		40 - 130	10/15/25 07:11	10/16/25 11:12	1
13C8 FOSA	73.5		40 - 130	10/15/25 07:11	10/16/25 11:12	1
d3-NMeFOSAA	88.2		40 - 135	10/15/25 07:11	10/16/25 11:12	1
d5-NEtFOSAA	94.3		40 - 150	10/15/25 07:11	10/16/25 11:12	1
13C2 4:2 FTS	197	*	40 - 165	10/15/25 07:11	10/16/25 11:12	1
13C2 6:2 FTS	171		40 - 215	10/15/25 07:11	10/16/25 11:12	1
13C2 8:2 FTS	126		40 - 275	10/15/25 07:11	10/16/25 11:12	1
13C3 HFPO-DA	80.0		40 - 130	10/15/25 07:11	10/16/25 11:12	1
d7-N-MeFOSE-M	70.3		20 - 130	10/15/25 07:11	10/16/25 11:12	1
d9-N-EtFOSE-M	59.7		15 - 130	10/15/25 07:11	10/16/25 11:12	1
d5-NEtPFOSA	60.1		10 - 130	10/15/25 07:11	10/16/25 11:12	1
d3-NMePFOSA	68.6		10 - 130	10/15/25 07:11	10/16/25 11:12	1
13C2 PFDoA	77.9		40 - 130	10/15/25 07:11	10/16/25 11:12	1

Method: SW846 6020B - Metals (ICP/MS)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Aluminum	10200		16.0	4.4	mg/Kg	☼	10/12/25 19:15	10/13/25 15:03	1
Antimony	2.2		0.80	0.12	mg/Kg	☼	10/12/25 19:15	10/13/25 15:03	1
Arsenic	7.5		0.80	0.083	mg/Kg	☼	10/12/25 19:15	10/13/25 15:03	1
Barium	78.4		1.6	0.12	mg/Kg	☼	10/12/25 19:15	10/13/25 15:03	1
Beryllium	2.4		0.32	0.018	mg/Kg	☼	10/12/25 19:15	10/13/25 15:03	1
Cadmium	0.27	J	0.80	0.091	mg/Kg	☼	10/12/25 19:15	10/13/25 15:03	1
Calcium	2390		80.2	7.8	mg/Kg	☼	10/12/25 19:15	10/13/25 15:03	1
Chromium	38.4		1.6	0.24	mg/Kg	☼	10/12/25 19:15	10/13/25 15:03	1
Cobalt	9.4		0.80	0.12	mg/Kg	☼	10/12/25 19:15	10/13/25 15:03	1
Copper	65.0		1.6	0.30	mg/Kg	☼	10/12/25 19:15	10/13/25 15:03	1
Iron	25900		48.1	6.1	mg/Kg	☼	10/12/25 19:15	10/13/25 15:03	1
Lead	343		0.48	0.16	mg/Kg	☼	10/12/25 19:15	10/13/25 15:03	1
Magnesium	2870		80.2	8.2	mg/Kg	☼	10/12/25 19:15	10/13/25 15:03	1
Manganese	289		3.2	0.32	mg/Kg	☼	10/12/25 19:15	10/13/25 15:03	1
Nickel	29.2		1.6	0.14	mg/Kg	☼	10/12/25 19:15	10/13/25 15:03	1
Potassium	1660		80.2	13.0	mg/Kg	☼	10/12/25 19:15	10/13/25 15:03	1
Selenium	0.49	J	1.0	0.10	mg/Kg	☼	10/12/25 19:15	10/13/25 15:03	1
Silver	0.23	J	0.32	0.071	mg/Kg	☼	10/12/25 19:15	10/13/25 15:03	1
Sodium	175		80.2	36.6	mg/Kg	☼	10/12/25 19:15	10/13/25 15:03	1
Thallium	0.12	J	0.32	0.033	mg/Kg	☼	10/12/25 19:15	10/13/25 15:03	1
Vanadium	31.4		1.6	0.17	mg/Kg	☼	10/12/25 19:15	10/13/25 15:03	1
Zinc	264		6.4	0.87	mg/Kg	☼	10/12/25 19:15	10/13/25 15:03	1

Method: SW846 7471B - Mercury (CVAA)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	0.026		0.018	0.0084	mg/Kg	☼	10/17/25 05:53	10/17/25 12:50	1

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Percent Moisture (EPA Moisture)	8.3		1.0	1.0	%			10/09/25 15:51	1
Percent Solids (EPA Moisture)	91.7		1.0	1.0	%			10/09/25 15:51	1

Client Sample ID: 5D_5-10
Date Collected: 10/08/25 10:05
Date Received: 10/08/25 17:00

Lab Sample ID: 460-336761-12
Matrix: Solid
Percent Solids: 90.5

Method: SW846 8270E - Semivolatile Organic Compounds (GC/MS)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1'-Biphenyl	0.36	U	0.36	0.013	mg/Kg	☼	10/10/25 08:26	10/11/25 00:09	1
1,2,4,5-Tetrachlorobenzene	0.36	U	0.36	0.011	mg/Kg	☼	10/10/25 08:26	10/11/25 00:09	1
1,4-Dioxane	0.036	U	0.036	0.032	mg/Kg	☼	10/10/25 08:26	10/11/25 00:09	1
2,2'-oxybis[1-chloropropane]	0.36	U	0.36	0.022	mg/Kg	☼	10/10/25 08:26	10/11/25 00:09	1
2,3,4,6-Tetrachlorophenol	0.36	U	0.36	0.025	mg/Kg	☼	10/10/25 08:26	10/11/25 00:09	1
2,4,5-Trichlorophenol	0.36	U	0.36	0.037	mg/Kg	☼	10/10/25 08:26	10/11/25 00:09	1
2,4,6-Trichlorophenol	0.15	U	0.15	0.047	mg/Kg	☼	10/10/25 08:26	10/11/25 00:09	1
2,4-Dichlorophenol	0.15	U	0.15	0.023	mg/Kg	☼	10/10/25 08:26	10/11/25 00:09	1
2,4-Dimethylphenol	0.36	U	0.36	0.043	mg/Kg	☼	10/10/25 08:26	10/11/25 00:09	1
2,4-Dinitrophenol	0.29	U	0.29	0.18	mg/Kg	☼	10/10/25 08:26	10/11/25 00:09	1
2,4-Dinitrotoluene	0.074	U	0.074	0.039	mg/Kg	☼	10/10/25 08:26	10/11/25 00:09	1
2,6-Dinitrotoluene	0.074	U	0.074	0.026	mg/Kg	☼	10/10/25 08:26	10/11/25 00:09	1
2-Chloronaphthalene	0.36	U	0.36	0.047	mg/Kg	☼	10/10/25 08:26	10/11/25 00:09	1
2-Chlorophenol	0.36	U	0.36	0.013	mg/Kg	☼	10/10/25 08:26	10/11/25 00:09	1
2-Methylnaphthalene	**0.013**	**J**	0.36	0.010	mg/Kg	☼	10/10/25 08:26	10/11/25 00:09	1
2-Methylphenol	0.36	U	0.36	0.014	mg/Kg	☼	10/10/25 08:26	10/11/25 00:09	1
2-Nitroaniline	0.36	U	0.36	0.028	mg/Kg	☼	10/10/25 08:26	10/11/25 00:09	1
2-Nitrophenol	0.36	U	0.36	0.036	mg/Kg	☼	10/10/25 08:26	10/11/25 00:09	1
3 & 4 Methylphenol	0.36	U	0.36	0.023	mg/Kg	☼	10/10/25 08:26	10/11/25 00:09	1
3,3'-Dichlorobenzidine	0.15	U	0.15	0.055	mg/Kg	☼	10/10/25 08:26	10/11/25 00:09	1
3-Nitroaniline	0.36	U	0.36	0.086	mg/Kg	☼	10/10/25 08:26	10/11/25 00:09	1
4,6-Dinitro-2-methylphenol	0.29	U	0.29	0.15	mg/Kg	☼	10/10/25 08:26	10/11/25 00:09	1
4-Bromophenyl phenyl ether	0.36	U	0.36	0.014	mg/Kg	☼	10/10/25 08:26	10/11/25 00:09	1
4-Chloro-3-methylphenol	0.36	U	0.36	0.020	mg/Kg	☼	10/10/25 08:26	10/11/25 00:09	1
4-Chloroaniline	0.36	U	0.36	0.065	mg/Kg	☼	10/10/25 08:26	10/11/25 00:09	1
4-Chlorophenyl phenyl ether	0.36	U	0.36	0.013	mg/Kg	☼	10/10/25 08:26	10/11/25 00:09	1
4-Methylphenol	0.36	U	0.36	0.023	mg/Kg	☼	10/10/25 08:26	10/11/25 00:09	1
4-Nitroaniline	0.36	U	0.36	0.092	mg/Kg	☼	10/10/25 08:26	10/11/25 00:09	1
4-Nitrophenol	0.74	U	0.74	0.059	mg/Kg	☼	10/10/25 08:26	10/11/25 00:09	1
Acenaphthene	0.36	U	0.36	0.010	mg/Kg	☼	10/10/25 08:26	10/11/25 00:09	1
Acenaphthylene	0.36	U	0.36	0.010	mg/Kg	☼	10/10/25 08:26	10/11/25 00:09	1
Acetophenone	0.36	U	0.36	0.018	mg/Kg	☼	10/10/25 08:26	10/11/25 00:09	1
Anthracene	0.36	U	0.36	0.011	mg/Kg	☼	10/10/25 08:26	10/11/25 00:09	1
Atrazine	0.15	U	0.15	0.021	mg/Kg	☼	10/10/25 08:26	10/11/25 00:09	1
Benzaldehyde	0.36	U	0.36	0.060	mg/Kg	☼	10/10/25 08:26	10/11/25 00:09	1
Benzo[a]anthracene	0.036	U	0.036	0.027	mg/Kg	☼	10/10/25 08:26	10/11/25 00:09	1
Benzo[a]pyrene	**0.015**	**J**	0.036	0.0097	mg/Kg	☼	10/10/25 08:26	10/11/25 00:09	1
Benzo[b]fluoranthene	**0.021**	**J**	0.036	0.0094	mg/Kg	☼	10/10/25 08:26	10/11/25 00:09	1
Benzo[g,h,i]perylene	**0.012**	**J**	0.36	0.011	mg/Kg	☼	10/10/25 08:26	10/11/25 00:09	1
Benzo[k]fluoranthene	**0.0071**	**J**	0.036	0.0071	mg/Kg	☼	10/10/25 08:26	10/11/25 00:09	1
Bis(2-chloroethoxy)methane	0.36	U	0.36	0.067	mg/Kg	☼	10/10/25 08:26	10/11/25 00:09	1
Bis(2-chloroethyl)ether	0.036	U	0.036	0.013	mg/Kg	☼	10/10/25 08:26	10/11/25 00:09	1
Bis(2-ethylhexyl) phthalate	0.36	U	0.36	0.019	mg/Kg	☼	10/10/25 08:26	10/11/25 00:09	1
Butyl benzyl phthalate	0.36	U	0.36	0.017	mg/Kg	☼	10/10/25 08:26	10/11/25 00:09	1
Caprolactam	0.36	U	0.36	0.057	mg/Kg	☼	10/10/25 08:26	10/11/25 00:09	1
Carbazole	0.36	U	0.36	0.014	mg/Kg	☼	10/10/25 08:26	10/11/25 00:09	1
Chrysene	**0.016**	**J**	0.36	0.015	mg/Kg	☼	10/10/25 08:26	10/11/25 00:09	1
Dibenz(a,h)anthracene	0.036	U	0.036	0.016	mg/Kg	☼	10/10/25 08:26	10/11/25 00:09	1
Dibenzofuran	0.36	U	0.36	0.012	mg/Kg	☼	10/10/25 08:26	10/11/25 00:09	1

Client Sample ID: 5D_5-10
Date Collected: 10/08/25 10:05
Date Received: 10/08/25 17:00

Lab Sample ID: 460-336761-12
Matrix: Solid
Percent Solids: 90.5

Method: SW846 8270E - Semivolatile Organic Compounds (GC/MS) (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Diethyl phthalate	0.36	U	0.36	0.012	mg/Kg	☼	10/10/25 08:26	10/11/25 00:09	1
Dimethyl phthalate	0.36	U	0.36	0.083	mg/Kg	☼	10/10/25 08:26	10/11/25 00:09	1
Di-n-butyl phthalate	**0.26**	**J**	0.36	0.014	mg/Kg	☼	10/10/25 08:26	10/11/25 00:09	1
Di-n-octyl phthalate	0.36	U	0.36	0.019	mg/Kg	☼	10/10/25 08:26	10/11/25 00:09	1
Fluoranthene	**0.021**	**J**	0.36	0.013	mg/Kg	☼	10/10/25 08:26	10/11/25 00:09	1
Fluorene	0.36	U	0.36	0.011	mg/Kg	☼	10/10/25 08:26	10/11/25 00:09	1
Hexachlorobenzene	0.036	U	0.036	0.017	mg/Kg	☼	10/10/25 08:26	10/11/25 00:09	1
Hexachlorobutadiene	0.074	U	0.074	0.0077	mg/Kg	☼	10/10/25 08:26	10/11/25 00:09	1
Hexachlorocyclopentadiene	0.36	U	0.36	0.032	mg/Kg	☼	10/10/25 08:26	10/11/25 00:09	1
Hexachloroethane	0.036	U	0.036	0.012	mg/Kg	☼	10/10/25 08:26	10/11/25 00:09	1
Indeno[1,2,3-cd]pyrene	**0.014**	**J**	0.036	0.014	mg/Kg	☼	10/10/25 08:26	10/11/25 00:09	1
Isophorone	0.15	U	0.15	0.11	mg/Kg	☼	10/10/25 08:26	10/11/25 00:09	1
Naphthalene	**0.015**	**J**	0.36	0.0063	mg/Kg	☼	10/10/25 08:26	10/11/25 00:09	1
Nitrobenzene	0.036	U	0.036	0.020	mg/Kg	☼	10/10/25 08:26	10/11/25 00:09	1
N-Nitrosodi-n-propylamine	0.036	U	0.036	0.026	mg/Kg	☼	10/10/25 08:26	10/11/25 00:09	1
N-Nitrosodiphenylamine	0.36	U	0.36	0.030	mg/Kg	☼	10/10/25 08:26	10/11/25 00:09	1
Pentachlorophenol	0.29	U	0.29	0.075	mg/Kg	☼	10/10/25 08:26	10/11/25 00:09	1
Phenanthrene	0.36	U	0.36	0.015	mg/Kg	☼	10/10/25 08:26	10/11/25 00:09	1
Phenol	0.36	U	0.36	0.013	mg/Kg	☼	10/10/25 08:26	10/11/25 00:09	1
Pyrene	**0.021**	**J**	0.36	0.0091	mg/Kg	☼	10/10/25 08:26	10/11/25 00:09	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
2,4,6-Tribromophenol (Surr)	*58*		*18 - 137*	*10/10/25 08:26*	*10/11/25 00:09*	*1*
2-Fluorobiphenyl	*61*		*33 - 117*	*10/10/25 08:26*	*10/11/25 00:09*	*1*
2-Fluorophenol (Surr)	*61*		*24 - 120*	*10/10/25 08:26*	*10/11/25 00:09*	*1*
Nitrobenzene-d5 (Surr)	*63*		*27 - 120*	*10/10/25 08:26*	*10/11/25 00:09*	*1*
Phenol-d5 (Surr)	*63*		*28 - 118*	*10/10/25 08:26*	*10/11/25 00:09*	*1*
Terphenyl-d14 (Surr)	*65*		*33 - 124*	*10/10/25 08:26*	*10/11/25 00:09*	*1*

Method: SW846 8081B - Organochlorine Pesticides (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
4,4'-DDD	0.0074	U	0.0074	0.0013	mg/Kg	☼	10/09/25 17:52	10/10/25 17:36	1
4,4'-DDE	0.0074	U	0.0074	0.00087	mg/Kg	☼	10/09/25 17:52	10/10/25 17:36	1
4,4'-DDT	0.0074	U	0.0074	0.0014	mg/Kg	☼	10/09/25 17:52	10/10/25 17:36	1
Aldrin	0.0074	U	0.0074	0.0011	mg/Kg	☼	10/09/25 17:52	10/10/25 17:36	1
alpha-BHC	0.0022	U	0.0022	0.00075	mg/Kg	☼	10/09/25 17:52	10/10/25 17:36	1
beta-BHC	0.0022	U	0.0022	0.00083	mg/Kg	☼	10/09/25 17:52	10/10/25 17:36	1
Chlordane (technical)	0.074	U	0.074	0.018	mg/Kg	☼	10/09/25 17:52	10/10/25 17:36	1
cis-Chlordane	0.0074	U	0.0074	0.0012	mg/Kg	☼	10/09/25 17:52	10/10/25 17:36	1
delta-BHC	0.0022	U	0.0022	0.00045	mg/Kg	☼	10/09/25 17:52	10/10/25 17:36	1
Dieldrin	0.0022	U	0.0022	0.00096	mg/Kg	☼	10/09/25 17:52	10/10/25 17:36	1
Endosulfan I	0.0074	U	0.0074	0.0011	mg/Kg	☼	10/09/25 17:52	10/10/25 17:36	1
Endosulfan II	0.0074	U	0.0074	0.0019	mg/Kg	☼	10/09/25 17:52	10/10/25 17:36	1
Endosulfan sulfate	0.0074	U	0.0074	0.00093	mg/Kg	☼	10/09/25 17:52	10/10/25 17:36	1
Endrin	0.0074	U	0.0074	0.0011	mg/Kg	☼	10/09/25 17:52	10/10/25 17:36	1
Endrin aldehyde	0.0074	U	0.0074	0.0017	mg/Kg	☼	10/09/25 17:52	10/10/25 17:36	1
Endrin ketone	0.0074	U	0.0074	0.0014	mg/Kg	☼	10/09/25 17:52	10/10/25 17:36	1
gamma-BHC (Lindane)	0.0022	U	0.0022	0.00069	mg/Kg	☼	10/09/25 17:52	10/10/25 17:36	1
Heptachlor	0.0074	U	0.0074	0.00087	mg/Kg	☼	10/09/25 17:52	10/10/25 17:36	1
Heptachlor epoxide	0.0074	U	0.0074	0.0011	mg/Kg	☼	10/09/25 17:52	10/10/25 17:36	1

Client Sample ID: 5D_5-10
Date Collected: 10/08/25 10:05
Date Received: 10/08/25 17:00

Lab Sample ID: 460-336761-12
Matrix: Solid
Percent Solids: 90.5

Method: SW846 8081B - Organochlorine Pesticides (GC) (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Methoxychlor	0.0074	U	0.0074	0.0017	mg/Kg	☼	10/09/25 17:52	10/10/25 17:36	1
Toxaphene	0.074	U	0.074	0.027	mg/Kg	☼	10/09/25 17:52	10/10/25 17:36	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
DCB Decachlorobiphenyl	*133*		*10 - 150*	*10/09/25 17:52*	*10/10/25 17:36*	*1*
DCB Decachlorobiphenyl	*125*		*10 - 150*	*10/09/25 17:52*	*10/10/25 17:36*	*1*
Tetrachloro-m-xylene	*108*		*14 - 150*	*10/09/25 17:52*	*10/10/25 17:36*	*1*
Tetrachloro-m-xylene	*104*		*14 - 150*	*10/09/25 17:52*	*10/10/25 17:36*	*1*

Method: SW846 8082A - Polychlorinated Biphenyls (PCBs) by Gas Chromatography

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Aroclor 1016	0.074	U	0.074	0.020	mg/Kg	☼	10/09/25 17:24	10/10/25 23:14	1
Aroclor 1221	0.074	U	0.074	0.020	mg/Kg	☼	10/09/25 17:24	10/10/25 23:14	1
Aroclor 1232	0.074	U	0.074	0.020	mg/Kg	☼	10/09/25 17:24	10/10/25 23:14	1
Aroclor 1242	0.074	U	0.074	0.020	mg/Kg	☼	10/09/25 17:24	10/10/25 23:14	1
Aroclor 1248	0.074	U	0.074	0.020	mg/Kg	☼	10/09/25 17:24	10/10/25 23:14	1
Aroclor 1254	0.074	U	0.074	0.020	mg/Kg	☼	10/09/25 17:24	10/10/25 23:14	1
Aroclor 1260	0.074	U	0.074	0.020	mg/Kg	☼	10/09/25 17:24	10/10/25 23:14	1
Aroclor-1262	0.074	U	0.074	0.020	mg/Kg	☼	10/09/25 17:24	10/10/25 23:14	1
Aroclor 1268	0.074	U	0.074	0.020	mg/Kg	☼	10/09/25 17:24	10/10/25 23:14	1
Polychlorinated biphenyls, Total	0.074	U	0.074	0.020	mg/Kg	☼	10/09/25 17:24	10/10/25 23:14	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
DCB Decachlorobiphenyl	*120*		*10 - 150*	*10/09/25 17:24*	*10/10/25 23:14*	*1*
DCB Decachlorobiphenyl	*134*		*10 - 150*	*10/09/25 17:24*	*10/10/25 23:14*	*1*
Tetrachloro-m-xylene	*103*		*10 - 150*	*10/09/25 17:24*	*10/10/25 23:14*	*1*
Tetrachloro-m-xylene	*109*		*10 - 150*	*10/09/25 17:24*	*10/10/25 23:14*	*1*

Method: EPA 1633A - Per- and Polyfluoroalkyl Substances by LC/MS/MS, 1633A

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Perfluorobutanoic acid (PFBA)	0.40	U	0.40	0.10	ug/Kg	☼	10/15/25 07:11	10/16/25 11:26	1
Perfluoropentanoic acid (PFPeA)	0.20	U	0.20	0.10	ug/Kg	☼	10/15/25 07:11	10/16/25 11:26	1
Perfluorohexanoic acid (PFHxA)	0.20	U	0.20	0.10	ug/Kg	☼	10/15/25 07:11	10/16/25 11:26	1
Perfluoroheptanoic acid (PFHpA)	0.20	U	0.20	0.10	ug/Kg	☼	10/15/25 07:11	10/16/25 11:26	1
Perfluorooctanoic acid (PFOA)	**0.17**	**J**	0.20	0.060	ug/Kg	☼	10/15/25 07:11	10/16/25 11:26	1
Perfluorononanoic acid (PFNA)	**0.64**		0.20	0.10	ug/Kg	☼	10/15/25 07:11	10/16/25 11:26	1
Perfluorodecanoic acid (PFDA)	**0.22**		0.20	0.060	ug/Kg	☼	10/15/25 07:11	10/16/25 11:26	1
Perfluoroundecanoic acid (PFUnA)	**2.52**		0.20	0.10	ug/Kg	☼	10/15/25 07:11	10/16/25 11:26	1
Perfluorododecanoic acid (PFDoA)	**0.19**	**J**	0.20	0.10	ug/Kg	☼	10/15/25 07:11	10/16/25 11:26	1
Perfluorotridecanoic acid (PFTrDA)	**1.08**		0.20	0.10	ug/Kg	☼	10/15/25 07:11	10/16/25 11:26	1
Perfluorotetradecanoic acid (PFTeDA)	0.20	U	0.20	0.10	ug/Kg	☼	10/15/25 07:11	10/16/25 11:26	1
Perfluorobutanesulfonic acid (PFBS)	0.20	U	0.20	0.10	ug/Kg	☼	10/15/25 07:11	10/16/25 11:26	1
Perfluoropentanesulfonic acid (PFPeS)	0.20	U	0.20	0.10	ug/Kg	☼	10/15/25 07:11	10/16/25 11:26	1
Perfluorohexanesulfonic acid (PFHxS)	0.20	U	0.20	0.10	ug/Kg	☼	10/15/25 07:11	10/16/25 11:26	1
Perfluoroheptanesulfonic acid (PFHpS)	0.20	U	0.20	0.10	ug/Kg	☼	10/15/25 07:11	10/16/25 11:26	1
Perfluorooctanesulfonic acid (PFOS)	**0.12**	**J**	0.20	0.10	ug/Kg	☼	10/15/25 07:11	10/16/25 11:26	1

Client Sample ID: 5D_5-10
Date Collected: 10/08/25 10:05
Date Received: 10/08/25 17:00

Lab Sample ID: 460-336761-12
Matrix: Solid
Percent Solids: 90.5

Method: EPA 1633A - Per- and Polyfluoroalkyl Substances by LC/MS/MS, 1633A (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Perfluorononanesulfonic acid (PFNS)	0.20	U	0.20	0.10	ug/Kg	☼	10/15/25 07:11	10/16/25 11:26	1
Perfluorodecanesulfonic acid (PFDS)	0.20	U	0.20	0.10	ug/Kg	☼	10/15/25 07:11	10/16/25 11:26	1
Perfluorododecanesulfonic acid (PFDoS)	0.20	U	0.20	0.10	ug/Kg	☼	10/15/25 07:11	10/16/25 11:26	1
1H,1H,2H,2H-Perfluorohexane sulfonic acid (4:2 FTS)	0.40	U	0.40	0.20	ug/Kg	☼	10/15/25 07:11	10/16/25 11:26	1
1H,1H,2H,2H-Perfluorooctane sulfonic acid (6:2 FTS)	0.40	U	0.40	0.20	ug/Kg	☼	10/15/25 07:11	10/16/25 11:26	1
1H,1H,2H,2H-Perfluorodecane sulfonic acid (8:2 FTS)	**0.67**		0.40	0.20	ug/Kg	☼	10/15/25 07:11	10/16/25 11:26	1
Perfluorooctanesulfonamide (PFOSA)	0.20	U	0.20	0.10	ug/Kg	☼	10/15/25 07:11	10/16/25 11:26	1
N-methylperfluorooctane sulfonamide (NMeFOSA)	0.20	U	0.20	0.10	ug/Kg	☼	10/15/25 07:11	10/16/25 11:26	1
N-ethylperfluorooctane sulfonamide (NEtFOSA)	0.20	U	0.20	0.10	ug/Kg	☼	10/15/25 07:11	10/16/25 11:26	1
N-methylperfluorooctanesulfonamidoacetic acid (NMeFOSAA)	0.20	U	0.20	0.10	ug/Kg	☼	10/15/25 07:11	10/16/25 11:26	1
N-ethylperfluorooctanesulfonamidoacetic acid (NEtFOSAA)	0.20	U	0.20	0.10	ug/Kg	☼	10/15/25 07:11	10/16/25 11:26	1
N-methylperfluorooctane sulfonamidoethanol (NMeFOSE)	1.00	U	1.00	0.50	ug/Kg	☼	10/15/25 07:11	10/16/25 11:26	1
N-ethylperfluorooctane sulfonamidoethanol (NEtFOSE)	1.00	U	1.00	0.50	ug/Kg	☼	10/15/25 07:11	10/16/25 11:26	1
Hexafluoropropylene Oxide Dimer Acid (HFPO-DA)	0.20	U	0.20	0.10	ug/Kg	☼	10/15/25 07:11	10/16/25 11:26	1
4,8-Dioxa-3H-perfluorononanoic acid (ADONA)	0.20	U	0.20	0.10	ug/Kg	☼	10/15/25 07:11	10/16/25 11:26	1
Perfluoro-3-methoxypropanoic acid (PFMPA)	0.20	U	0.20	0.10	ug/Kg	☼	10/15/25 07:11	10/16/25 11:26	1
Perfluoro-4-methoxybutanoic acid (PFMBA)	0.20	U	0.20	0.10	ug/Kg	☼	10/15/25 07:11	10/16/25 11:26	1
Nonafluoro-3,6-dioxaheptanoic acid (NFDHA)	0.20	U	0.20	0.10	ug/Kg	☼	10/15/25 07:11	10/16/25 11:26	1
9-Chlorohexadecafluoro-3-oxanonane-1-sulfonic acid (9Cl-PF3ONS)	0.20	U	0.20	0.10	ug/Kg	☼	10/15/25 07:11	10/16/25 11:26	1
11-Chloroeicosafluoro-3-oxaundecane-1-sulfonic acid (11Cl-PF3OUdS)	0.20	U	0.20	0.10	ug/Kg	☼	10/15/25 07:11	10/16/25 11:26	1
Perfluoro (2-ethoxyethane) sulfonic acid (PFEESA)	0.20	U	0.20	0.10	ug/Kg	☼	10/15/25 07:11	10/16/25 11:26	1
3-Perfluoropropylpropanoic acid (3:3 FTCA)	0.40	U	0.40	0.20	ug/Kg	☼	10/15/25 07:11	10/16/25 11:26	1
3-Perfluoropentylpropanoic acid (5:3 FTCA)	1.00	U	1.00	0.50	ug/Kg	☼	10/15/25 07:11	10/16/25 11:26	1
3-Perfluoroheptylpropanoic acid (7:3 FTCA)	1.00	U	1.00	0.50	ug/Kg	☼	10/15/25 07:11	10/16/25 11:26	1

Isotope Dilution	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
13C4 PFBA	*82.7*		*8 - 130*	*10/15/25 07:11*	*10/16/25 11:26*	*1*
13C5 PFPeA	*79.9*		*35 - 130*	*10/15/25 07:11*	*10/16/25 11:26*	*1*
13C5 PFHxA	*82.8*		*40 - 130*	*10/15/25 07:11*	*10/16/25 11:26*	*1*
13C4 PFHpA	*85.9*		*40 - 130*	*10/15/25 07:11*	*10/16/25 11:26*	*1*
13C8 PFOA	*78.1*		*40 - 130*	*10/15/25 07:11*	*10/16/25 11:26*	*1*
13C9 PFNA	*66.3*		*40 - 130*	*10/15/25 07:11*	*10/16/25 11:26*	*1*
13C6 PFDA	*47.2*		*40 - 130*	*10/15/25 07:11*	*10/16/25 11:26*	*1*
13C7 PFUnA	*40.2*		*40 - 130*	*10/15/25 07:11*	*10/16/25 11:26*	*1*

Client Sample ID: 5D_5-10
Date Collected: 10/08/25 10:05
Date Received: 10/08/25 17:00

Lab Sample ID: 460-336761-12
Matrix: Solid
Percent Solids: 90.5

Method: EPA 1633A - Per- and Polyfluoroalkyl Substances by LC/MS/MS, 1633A (Continued)

Isotope Dilution	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
13C2 PFTeDA	37.4		20 - 130	10/15/25 07:11	10/16/25 11:26	1
13C3 PFBS	77.0		40 - 135	10/15/25 07:11	10/16/25 11:26	1
13C3 PFHxS	50.3		40 - 130	10/15/25 07:11	10/16/25 11:26	1
13C8 PFOS	30.9	*	40 - 130	10/15/25 07:11	10/16/25 11:26	1
13C8 FOSA	67.5		40 - 130	10/15/25 07:11	10/16/25 11:26	1
d3-NMeFOSAA	63.4		40 - 135	10/15/25 07:11	10/16/25 11:26	1
d5-NEtFOSAA	60.8		40 - 150	10/15/25 07:11	10/16/25 11:26	1
13C2 4:2 FTS	254	*	40 - 165	10/15/25 07:11	10/16/25 11:26	1
13C2 6:2 FTS	218	*	40 - 215	10/15/25 07:11	10/16/25 11:26	1
13C2 8:2 FTS	120		40 - 275	10/15/25 07:11	10/16/25 11:26	1
13C3 HFPO-DA	76.7		40 - 130	10/15/25 07:11	10/16/25 11:26	1
d7-N-MeFOSE-M	61.5		20 - 130	10/15/25 07:11	10/16/25 11:26	1
d9-N-EtFOSE-M	44.9		15 - 130	10/15/25 07:11	10/16/25 11:26	1
d5-NEtPFOSA	38.7		10 - 130	10/15/25 07:11	10/16/25 11:26	1
d3-NMePFOSA	50.5		10 - 130	10/15/25 07:11	10/16/25 11:26	1
13C2 PFDoA	37.1	*	40 - 130	10/15/25 07:11	10/16/25 11:26	1

Method: SW846 6020B - Metals (ICP/MS)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Aluminum	11600		17.1	4.7	mg/Kg	☼	10/12/25 19:15	10/13/25 15:06	1
Antimony	3.0		0.86	0.13	mg/Kg	☼	10/12/25 19:15	10/13/25 15:06	1
Arsenic	7.4		0.86	0.088	mg/Kg	☼	10/12/25 19:15	10/13/25 15:06	1
Barium	118		1.7	0.12	mg/Kg	☼	10/12/25 19:15	10/13/25 15:06	1
Beryllium	5.8		0.34	0.019	mg/Kg	☼	10/12/25 19:15	10/13/25 15:06	1
Cadmium	0.42	J	0.86	0.097	mg/Kg	☼	10/12/25 19:15	10/13/25 15:06	1
Calcium	3160		85.7	8.3	mg/Kg	☼	10/12/25 19:15	10/13/25 15:06	1
Chromium	87.9		1.7	0.25	mg/Kg	☼	10/12/25 19:15	10/13/25 15:06	1
Cobalt	22.0		0.86	0.13	mg/Kg	☼	10/12/25 19:15	10/13/25 15:06	1
Copper	223		1.7	0.32	mg/Kg	☼	10/12/25 19:15	10/13/25 15:06	1
Iron	31200		51.4	6.6	mg/Kg	☼	10/12/25 19:15	10/13/25 15:06	1
Lead	715		0.51	0.17	mg/Kg	☼	10/12/25 19:15	10/13/25 15:06	1
Magnesium	2540		85.7	8.7	mg/Kg	☼	10/12/25 19:15	10/13/25 15:06	1
Manganese	259		3.4	0.35	mg/Kg	☼	10/12/25 19:15	10/13/25 15:06	1
Nickel	104		1.7	0.15	mg/Kg	☼	10/12/25 19:15	10/13/25 15:06	1
Potassium	1680		85.7	13.9	mg/Kg	☼	10/12/25 19:15	10/13/25 15:06	1
Selenium	0.72	J	1.1	0.11	mg/Kg	☼	10/12/25 19:15	10/13/25 15:06	1
Silver	0.35		0.34	0.076	mg/Kg	☼	10/12/25 19:15	10/13/25 15:06	1
Sodium	307		85.7	39.1	mg/Kg	☼	10/12/25 19:15	10/13/25 15:06	1
Thallium	0.13	J	0.34	0.035	mg/Kg	☼	10/12/25 19:15	10/13/25 15:06	1
Vanadium	32.0		1.7	0.18	mg/Kg	☼	10/12/25 19:15	10/13/25 15:06	1
Zinc	1010		6.9	0.93	mg/Kg	☼	10/12/25 19:15	10/13/25 15:06	1

Method: SW846 7471B - Mercury (CVAA)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	0.030		0.018	0.0086	mg/Kg	☼	10/17/25 05:53	10/17/25 12:53	1

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Percent Moisture (EPA Moisture)	9.5		1.0	1.0	%			10/09/25 15:51	1
Percent Solids (EPA Moisture)	90.5		1.0	1.0	%			10/09/25 15:51	1

Client Sample ID: 5E_0-5
Date Collected: 10/08/25 10:10
Date Received: 10/08/25 17:00

Lab Sample ID: 460-336761-13
Matrix: Solid
Percent Solids: 91.4

Method: SW846 8270E - Semivolatile Organic Compounds (GC/MS)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1'-Biphenyl	0.36	U	0.36	0.013	mg/Kg	☼	10/10/25 08:26	10/11/25 00:31	1
1,2,4,5-Tetrachlorobenzene	0.36	U	0.36	0.011	mg/Kg	☼	10/10/25 08:26	10/11/25 00:31	1
1,4-Dioxane	0.036	U	0.036	0.031	mg/Kg	☼	10/10/25 08:26	10/11/25 00:31	1
2,2'-oxybis[1-chloropropane]	0.36	U	0.36	0.022	mg/Kg	☼	10/10/25 08:26	10/11/25 00:31	1
2,3,4,6-Tetrachlorophenol	0.36	U	0.36	0.024	mg/Kg	☼	10/10/25 08:26	10/11/25 00:31	1
2,4,5-Trichlorophenol	0.36	U	0.36	0.037	mg/Kg	☼	10/10/25 08:26	10/11/25 00:31	1
2,4,6-Trichlorophenol	0.14	U	0.14	0.046	mg/Kg	☼	10/10/25 08:26	10/11/25 00:31	1
2,4-Dichlorophenol	0.14	U	0.14	0.023	mg/Kg	☼	10/10/25 08:26	10/11/25 00:31	1
2,4-Dimethylphenol	0.36	U	0.36	0.043	mg/Kg	☼	10/10/25 08:26	10/11/25 00:31	1
2,4-Dinitrophenol	0.29	U	0.29	0.18	mg/Kg	☼	10/10/25 08:26	10/11/25 00:31	1
2,4-Dinitrotoluene	0.073	U	0.073	0.039	mg/Kg	☼	10/10/25 08:26	10/11/25 00:31	1
2,6-Dinitrotoluene	0.073	U	0.073	0.026	mg/Kg	☼	10/10/25 08:26	10/11/25 00:31	1
2-Chloronaphthalene	0.36	U	0.36	0.046	mg/Kg	☼	10/10/25 08:26	10/11/25 00:31	1
2-Chlorophenol	0.36	U	0.36	0.013	mg/Kg	☼	10/10/25 08:26	10/11/25 00:31	1
2-Methylnaphthalene	0.36	U	0.36	0.010	mg/Kg	☼	10/10/25 08:26	10/11/25 00:31	1
2-Methylphenol	0.36	U	0.36	0.013	mg/Kg	☼	10/10/25 08:26	10/11/25 00:31	1
2-Nitroaniline	0.36	U	0.36	0.027	mg/Kg	☼	10/10/25 08:26	10/11/25 00:31	1
2-Nitrophenol	0.36	U	0.36	0.036	mg/Kg	☼	10/10/25 08:26	10/11/25 00:31	1
3 & 4 Methylphenol	0.36	U	0.36	0.022	mg/Kg	☼	10/10/25 08:26	10/11/25 00:31	1
3,3'-Dichlorobenzidine	0.14	U	0.14	0.054	mg/Kg	☼	10/10/25 08:26	10/11/25 00:31	1
3-Nitroaniline	0.36	U	0.36	0.085	mg/Kg	☼	10/10/25 08:26	10/11/25 00:31	1
4,6-Dinitro-2-methylphenol	0.29	U	0.29	0.15	mg/Kg	☼	10/10/25 08:26	10/11/25 00:31	1
4-Bromophenyl phenyl ether	0.36	U	0.36	0.014	mg/Kg	☼	10/10/25 08:26	10/11/25 00:31	1
4-Chloro-3-methylphenol	0.36	U	0.36	0.020	mg/Kg	☼	10/10/25 08:26	10/11/25 00:31	1
4-Chloroaniline	0.36	U	0.36	0.064	mg/Kg	☼	10/10/25 08:26	10/11/25 00:31	1
4-Chlorophenyl phenyl ether	0.36	U	0.36	0.013	mg/Kg	☼	10/10/25 08:26	10/11/25 00:31	1
4-Methylphenol	0.36	U	0.36	0.022	mg/Kg	☼	10/10/25 08:26	10/11/25 00:31	1
4-Nitroaniline	0.36	U	0.36	0.091	mg/Kg	☼	10/10/25 08:26	10/11/25 00:31	1
4-Nitrophenol	0.73	U	0.73	0.059	mg/Kg	☼	10/10/25 08:26	10/11/25 00:31	1
Acenaphthene	0.36	U	0.36	0.010	mg/Kg	☼	10/10/25 08:26	10/11/25 00:31	1
Acenaphthylene	0.36	U	0.36	0.010	mg/Kg	☼	10/10/25 08:26	10/11/25 00:31	1
Acetophenone	0.36	U	0.36	0.018	mg/Kg	☼	10/10/25 08:26	10/11/25 00:31	1
Anthracene	0.36	U	0.36	0.011	mg/Kg	☼	10/10/25 08:26	10/11/25 00:31	1
Atrazine	0.14	U	0.14	0.021	mg/Kg	☼	10/10/25 08:26	10/11/25 00:31	1
Benzaldehyde	0.36	U	0.36	0.060	mg/Kg	☼	10/10/25 08:26	10/11/25 00:31	1
Benzo[a]anthracene	0.036	U	0.036	0.027	mg/Kg	☼	10/10/25 08:26	10/11/25 00:31	1
Benzo[a]pyrene	**0.024**	**J**	0.036	0.0096	mg/Kg	☼	10/10/25 08:26	10/11/25 00:31	1
Benzo[b]fluoranthene	**0.032**	**J**	0.036	0.0093	mg/Kg	☼	10/10/25 08:26	10/11/25 00:31	1
Benzo[g,h,i]perylene	**0.021**	**J**	0.36	0.011	mg/Kg	☼	10/10/25 08:26	10/11/25 00:31	1
Benzo[k]fluoranthene	**0.010**	**J**	0.036	0.0071	mg/Kg	☼	10/10/25 08:26	10/11/25 00:31	1
Bis(2-chloroethoxy)methane	0.36	U	0.36	0.066	mg/Kg	☼	10/10/25 08:26	10/11/25 00:31	1
Bis(2-chloroethyl)ether	0.036	U	0.036	0.013	mg/Kg	☼	10/10/25 08:26	10/11/25 00:31	1
Bis(2-ethylhexyl) phthalate	0.36	U	0.36	0.019	mg/Kg	☼	10/10/25 08:26	10/11/25 00:31	1
Butyl benzyl phthalate	0.36	U	0.36	0.017	mg/Kg	☼	10/10/25 08:26	10/11/25 00:31	1
Caprolactam	0.36	U	0.36	0.056	mg/Kg	☼	10/10/25 08:26	10/11/25 00:31	1
Carbazole	0.36	U	0.36	0.014	mg/Kg	☼	10/10/25 08:26	10/11/25 00:31	1
Chrysene	**0.024**	**J**	0.36	0.015	mg/Kg	☼	10/10/25 08:26	10/11/25 00:31	1
Dibenz(a,h)anthracene	0.036	U	0.036	0.016	mg/Kg	☼	10/10/25 08:26	10/11/25 00:31	1
Dibenzofuran	0.36	U	0.36	0.012	mg/Kg	☼	10/10/25 08:26	10/11/25 00:31	1

Client Sample ID: 5E_0-5
Date Collected: 10/08/25 10:10
Date Received: 10/08/25 17:00

Lab Sample ID: 460-336761-13
Matrix: Solid
Percent Solids: 91.4

Method: SW846 8270E - Semivolatile Organic Compounds (GC/MS) (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Diethyl phthalate	0.36	U	0.36	0.012	mg/Kg	☼	10/10/25 08:26	10/11/25 00:31	1
Dimethyl phthalate	0.36	U	0.36	0.082	mg/Kg	☼	10/10/25 08:26	10/11/25 00:31	1
Di-n-butyl phthalate	**0.017**	**J**	0.36	0.014	mg/Kg	☼	10/10/25 08:26	10/11/25 00:31	1
Di-n-octyl phthalate	0.36	U	0.36	0.019	mg/Kg	☼	10/10/25 08:26	10/11/25 00:31	1
Fluoranthene	**0.031**	**J**	0.36	0.013	mg/Kg	☼	10/10/25 08:26	10/11/25 00:31	1
Fluorene	0.36	U	0.36	0.011	mg/Kg	☼	10/10/25 08:26	10/11/25 00:31	1
Hexachlorobenzene	0.036	U	0.036	0.017	mg/Kg	☼	10/10/25 08:26	10/11/25 00:31	1
Hexachlorobutadiene	0.073	U	0.073	0.0077	mg/Kg	☼	10/10/25 08:26	10/11/25 00:31	1
Hexachlorocyclopentadiene	0.36	U	0.36	0.032	mg/Kg	☼	10/10/25 08:26	10/11/25 00:31	1
Hexachloroethane	0.036	U	0.036	0.012	mg/Kg	☼	10/10/25 08:26	10/11/25 00:31	1
Indeno[1,2,3-cd]pyrene	**0.022**	**J**	0.036	0.014	mg/Kg	☼	10/10/25 08:26	10/11/25 00:31	1
Isophorone	0.14	U	0.14	0.10	mg/Kg	☼	10/10/25 08:26	10/11/25 00:31	1
Naphthalene	**0.013**	**J**	0.36	0.0062	mg/Kg	☼	10/10/25 08:26	10/11/25 00:31	1
Nitrobenzene	0.036	U	0.036	0.020	mg/Kg	☼	10/10/25 08:26	10/11/25 00:31	1
N-Nitrosodi-n-propylamine	0.036	U	0.036	0.026	mg/Kg	☼	10/10/25 08:26	10/11/25 00:31	1
N-Nitrosodiphenylamine	0.36	U	0.36	0.030	mg/Kg	☼	10/10/25 08:26	10/11/25 00:31	1
Pentachlorophenol	0.29	U	0.29	0.074	mg/Kg	☼	10/10/25 08:26	10/11/25 00:31	1
Phenanthrene	**0.020**	**J**	0.36	0.015	mg/Kg	☼	10/10/25 08:26	10/11/25 00:31	1
Phenol	0.36	U	0.36	0.013	mg/Kg	☼	10/10/25 08:26	10/11/25 00:31	1
Pyrene	**0.027**	**J**	0.36	0.0090	mg/Kg	☼	10/10/25 08:26	10/11/25 00:31	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
2,4,6-Tribromophenol (Surr)	*39*		*18 - 137*	*10/10/25 08:26*	*10/11/25 00:31*	*1*
2-Fluorobiphenyl	*54*		*33 - 117*	*10/10/25 08:26*	*10/11/25 00:31*	*1*
2-Fluorophenol (Surr)	*53*		*24 - 120*	*10/10/25 08:26*	*10/11/25 00:31*	*1*
Nitrobenzene-d5 (Surr)	*55*		*27 - 120*	*10/10/25 08:26*	*10/11/25 00:31*	*1*
Phenol-d5 (Surr)	*54*		*28 - 118*	*10/10/25 08:26*	*10/11/25 00:31*	*1*
Terphenyl-d14 (Surr)	*58*		*33 - 124*	*10/10/25 08:26*	*10/11/25 00:31*	*1*

Method: SW846 8081B - Organochlorine Pesticides (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
4,4'-DDD	0.0073	U	0.0073	0.0012	mg/Kg	☼	10/09/25 17:52	10/10/25 17:50	1
4,4'-DDE	0.0073	U	0.0073	0.00086	mg/Kg	☼	10/09/25 17:52	10/10/25 17:50	1
4,4'-DDT	0.0073	U	0.0073	0.0013	mg/Kg	☼	10/09/25 17:52	10/10/25 17:50	1
Aldrin	0.0073	U	0.0073	0.0011	mg/Kg	☼	10/09/25 17:52	10/10/25 17:50	1
alpha-BHC	0.0022	U	0.0022	0.00074	mg/Kg	☼	10/09/25 17:52	10/10/25 17:50	1
beta-BHC	0.0022	U	0.0022	0.00082	mg/Kg	☼	10/09/25 17:52	10/10/25 17:50	1
Chlordane (technical)	0.073	U	0.073	0.018	mg/Kg	☼	10/09/25 17:52	10/10/25 17:50	1
cis-Chlordane	0.0073	U	0.0073	0.0012	mg/Kg	☼	10/09/25 17:52	10/10/25 17:50	1
delta-BHC	0.0022	U	0.0022	0.00045	mg/Kg	☼	10/09/25 17:52	10/10/25 17:50	1
Dieldrin	0.0022	U	0.0022	0.00095	mg/Kg	☼	10/09/25 17:52	10/10/25 17:50	1
Endosulfan I	0.0073	U	0.0073	0.0011	mg/Kg	☼	10/09/25 17:52	10/10/25 17:50	1
Endosulfan II	0.0073	U	0.0073	0.0019	mg/Kg	☼	10/09/25 17:52	10/10/25 17:50	1
Endosulfan sulfate	0.0073	U	0.0073	0.00092	mg/Kg	☼	10/09/25 17:52	10/10/25 17:50	1
Endrin	0.0073	U	0.0073	0.0011	mg/Kg	☼	10/09/25 17:52	10/10/25 17:50	1
Endrin aldehyde	0.0073	U	0.0073	0.0017	mg/Kg	☼	10/09/25 17:52	10/10/25 17:50	1
Endrin ketone	0.0073	U	0.0073	0.0014	mg/Kg	☼	10/09/25 17:52	10/10/25 17:50	1
gamma-BHC (Lindane)	0.0022	U	0.0022	0.00068	mg/Kg	☼	10/09/25 17:52	10/10/25 17:50	1
Heptachlor	0.0073	U	0.0073	0.00086	mg/Kg	☼	10/09/25 17:52	10/10/25 17:50	1
Heptachlor epoxide	0.0073	U	0.0073	0.0011	mg/Kg	☼	10/09/25 17:52	10/10/25 17:50	1

Client Sample ID: 5E_0-5
Date Collected: 10/08/25 10:10
Date Received: 10/08/25 17:00

Lab Sample ID: 460-336761-13
Matrix: Solid
Percent Solids: 91.4

Method: SW846 8081B - Organochlorine Pesticides (GC) (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Methoxychlor	0.0073	U	0.0073	0.0017	mg/Kg	☼	10/09/25 17:52	10/10/25 17:50	1
Toxaphene	0.073	U	0.073	0.026	mg/Kg	☼	10/09/25 17:52	10/10/25 17:50	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
DCB Decachlorobiphenyl	*123*		*10 - 150*	*10/09/25 17:52*	*10/10/25 17:50*	*1*
DCB Decachlorobiphenyl	*120*		*10 - 150*	*10/09/25 17:52*	*10/10/25 17:50*	*1*
Tetrachloro-m-xylene	*109*		*14 - 150*	*10/09/25 17:52*	*10/10/25 17:50*	*1*
Tetrachloro-m-xylene	*99*		*14 - 150*	*10/09/25 17:52*	*10/10/25 17:50*	*1*

Method: SW846 8082A - Polychlorinated Biphenyls (PCBs) by Gas Chromatography

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Aroclor 1016	0.073	U	0.073	0.019	mg/Kg	☼	10/09/25 17:24	10/10/25 23:31	1
Aroclor 1221	0.073	U	0.073	0.019	mg/Kg	☼	10/09/25 17:24	10/10/25 23:31	1
Aroclor 1232	0.073	U	0.073	0.019	mg/Kg	☼	10/09/25 17:24	10/10/25 23:31	1
Aroclor 1242	0.073	U	0.073	0.019	mg/Kg	☼	10/09/25 17:24	10/10/25 23:31	1
Aroclor 1248	0.073	U	0.073	0.019	mg/Kg	☼	10/09/25 17:24	10/10/25 23:31	1
Aroclor 1254	0.073	U	0.073	0.019	mg/Kg	☼	10/09/25 17:24	10/10/25 23:31	1
Aroclor 1260	0.073	U	0.073	0.019	mg/Kg	☼	10/09/25 17:24	10/10/25 23:31	1
Aroclor-1262	0.073	U	0.073	0.019	mg/Kg	☼	10/09/25 17:24	10/10/25 23:31	1
Aroclor 1268	0.073	U	0.073	0.019	mg/Kg	☼	10/09/25 17:24	10/10/25 23:31	1
Polychlorinated biphenyls, Total	0.073	U	0.073	0.019	mg/Kg	☼	10/09/25 17:24	10/10/25 23:31	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
DCB Decachlorobiphenyl	*108*		*10 - 150*	*10/09/25 17:24*	*10/10/25 23:31*	*1*
DCB Decachlorobiphenyl	*121*		*10 - 150*	*10/09/25 17:24*	*10/10/25 23:31*	*1*
Tetrachloro-m-xylene	*95*		*10 - 150*	*10/09/25 17:24*	*10/10/25 23:31*	*1*
Tetrachloro-m-xylene	*100*		*10 - 150*	*10/09/25 17:24*	*10/10/25 23:31*	*1*

Method: EPA 1633A - Per- and Polyfluoroalkyl Substances by LC/MS/MS, 1633A

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Perfluorobutanoic acid (PFBA)	0.40	U	0.40	0.099	ug/Kg	☼	10/15/25 07:11	10/16/25 12:47	1
Perfluoropentanoic acid (PFPeA)	0.20	U	0.20	0.099	ug/Kg	☼	10/15/25 07:11	10/16/25 12:47	1
Perfluorohexanoic acid (PFHxA)	0.20	U	0.20	0.099	ug/Kg	☼	10/15/25 07:11	10/16/25 12:47	1
Perfluoroheptanoic acid (PFHpA)	**0.10**	**J**	0.20	0.099	ug/Kg	☼	10/15/25 07:11	10/16/25 12:47	1
Perfluorooctanoic acid (PFOA)	**0.15**	**J**	0.20	0.059	ug/Kg	☼	10/15/25 07:11	10/16/25 12:47	1
Perfluorononanoic acid (PFNA)	**0.66**		0.20	0.099	ug/Kg	☼	10/15/25 07:11	10/16/25 12:47	1
Perfluorodecanoic acid (PFDA)	**0.34**		0.20	0.059	ug/Kg	☼	10/15/25 07:11	10/16/25 12:47	1
Perfluoroundecanoic acid (PFUnA)	**3.49**		0.20	0.099	ug/Kg	☼	10/15/25 07:11	10/16/25 12:47	1
Perfluorododecanoic acid (PFDoA)	**0.23**		0.20	0.099	ug/Kg	☼	10/15/25 07:11	10/16/25 12:47	1
Perfluorotridecanoic acid (PFTrDA)	**2.27**		0.20	0.099	ug/Kg	☼	10/15/25 07:11	10/16/25 12:47	1
Perfluorotetradecanoic acid (PFTeDA)	0.20	U	0.20	0.099	ug/Kg	☼	10/15/25 07:11	10/16/25 12:47	1
Perfluorobutanesulfonic acid (PFBS)	0.20	U	0.20	0.099	ug/Kg	☼	10/15/25 07:11	10/16/25 12:47	1
Perfluoropentanesulfonic acid (PFPeS)	0.20	U	0.20	0.099	ug/Kg	☼	10/15/25 07:11	10/16/25 12:47	1
Perfluorohexanesulfonic acid (PFHxS)	0.20	U	0.20	0.099	ug/Kg	☼	10/15/25 07:11	10/16/25 12:47	1
Perfluoroheptanesulfonic acid (PFHpS)	0.20	U	0.20	0.099	ug/Kg	☼	10/15/25 07:11	10/16/25 12:47	1
Perfluorooctanesulfonic acid (PFOS)	0.20	U	0.20	0.099	ug/Kg	☼	10/15/25 07:11	10/16/25 12:47	1
Perfluorononanesulfonic acid (PFNS)	0.20	U	0.20	0.099	ug/Kg	☼	10/15/25 07:11	10/16/25 12:47	1

Client Sample ID: 5E_0-5
Date Collected: 10/08/25 10:10
Date Received: 10/08/25 17:00

Lab Sample ID: 460-336761-13
Matrix: Solid
Percent Solids: 91.4

Method: EPA 1633A - Per- and Polyfluoroalkyl Substances by LC/MS/MS, 1633A (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Perfluorodecanesulfonic acid (PFDS)	0.20	U	0.20	0.099	ug/Kg	☼	10/15/25 07:11	10/16/25 12:47	1
Perfluorododecanesulfonic acid (PFDoS)	0.20	U	0.20	0.099	ug/Kg	☼	10/15/25 07:11	10/16/25 12:47	1
1H,1H,2H,2H-Perfluorohexane sulfonic acid (4:2 FTS)	0.40	U	0.40	0.20	ug/Kg	☼	10/15/25 07:11	10/16/25 12:47	1
1H,1H,2H,2H-Perfluorooctane sulfonic acid (6:2 FTS)	0.40	U	0.40	0.20	ug/Kg	☼	10/15/25 07:11	10/16/25 12:47	1
1H,1H,2H,2H-Perfluorodecane sulfonic acid (8:2 FTS)	**0.55**		0.40	0.20	ug/Kg	☼	10/15/25 07:11	10/16/25 12:47	1
Perfluorooctanesulfonamide (PFOSA)	0.20	U	0.20	0.099	ug/Kg	☼	10/15/25 07:11	10/16/25 12:47	1
N-methylperfluorooctane sulfonamide (NMeFOSA)	0.20	U	0.20	0.099	ug/Kg	☼	10/15/25 07:11	10/16/25 12:47	1
N-ethylperfluorooctane sulfonamide (NEtFOSA)	0.20	U	0.20	0.099	ug/Kg	☼	10/15/25 07:11	10/16/25 12:47	1
N-methylperfluorooctanesulfonamidoacetic acid (NMeFOSAA)	0.20	U	0.20	0.099	ug/Kg	☼	10/15/25 07:11	10/16/25 12:47	1
N-ethylperfluorooctanesulfonamidoacetic acid (NEtFOSAA)	0.20	U	0.20	0.099	ug/Kg	☼	10/15/25 07:11	10/16/25 12:47	1
N-methylperfluorooctane sulfonamidoethanol (NMeFOSE)	0.99	U	0.99	0.50	ug/Kg	☼	10/15/25 07:11	10/16/25 12:47	1
N-ethylperfluorooctane sulfonamidoethanol (NEtFOSE)	0.99	U	0.99	0.50	ug/Kg	☼	10/15/25 07:11	10/16/25 12:47	1
Hexafluoropropylene Oxide Dimer Acid (HFPO-DA)	0.20	U	0.20	0.099	ug/Kg	☼	10/15/25 07:11	10/16/25 12:47	1
4,8-Dioxa-3H-perfluorononanoic acid (ADONA)	0.20	U	0.20	0.099	ug/Kg	☼	10/15/25 07:11	10/16/25 12:47	1
Perfluoro-3-methoxypropanoic acid (PFMPA)	0.20	U	0.20	0.099	ug/Kg	☼	10/15/25 07:11	10/16/25 12:47	1
Perfluoro-4-methoxybutanoic acid (PFMBA)	0.20	U	0.20	0.099	ug/Kg	☼	10/15/25 07:11	10/16/25 12:47	1
Nonafluoro-3,6-dioxaheptanoic acid (NFDHA)	0.20	U	0.20	0.099	ug/Kg	☼	10/15/25 07:11	10/16/25 12:47	1
9-Chlorohexadecafluoro-3-oxanonane-1-sulfonic acid (9Cl-PF3ONS)	0.20	U	0.20	0.099	ug/Kg	☼	10/15/25 07:11	10/16/25 12:47	1
11-Chloroeicosafluoro-3-oxaundecane-1-sulfonic acid (11Cl-PF3OUdS)	0.20	U	0.20	0.099	ug/Kg	☼	10/15/25 07:11	10/16/25 12:47	1
Perfluoro (2-ethoxyethane) sulfonic acid (PFEESA)	0.20	U	0.20	0.099	ug/Kg	☼	10/15/25 07:11	10/16/25 12:47	1
3-Perfluoropropylpropanoic acid (3:3 FTCA)	0.40	U	0.40	0.20	ug/Kg	☼	10/15/25 07:11	10/16/25 12:47	1
3-Perfluoropentylpropanoic acid (5:3 FTCA)	0.99	U	0.99	0.50	ug/Kg	☼	10/15/25 07:11	10/16/25 12:47	1
3-Perfluoroheptylpropanoic acid (7:3 FTCA)	0.99	U	0.99	0.50	ug/Kg	☼	10/15/25 07:11	10/16/25 12:47	1

Isotope Dilution	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
13C4 PFBA	*83.7*		*8 - 130*	*10/15/25 07:11*	*10/16/25 12:47*	*1*
13C5 PFPeA	*82.9*		*35 - 130*	*10/15/25 07:11*	*10/16/25 12:47*	*1*
13C5 PFHxA	*82.3*		*40 - 130*	*10/15/25 07:11*	*10/16/25 12:47*	*1*
13C4 PFHpA	*86.5*		*40 - 130*	*10/15/25 07:11*	*10/16/25 12:47*	*1*
13C8 PFOA	*85.2*		*40 - 130*	*10/15/25 07:11*	*10/16/25 12:47*	*1*
13C9 PFNA	*90.4*		*40 - 130*	*10/15/25 07:11*	*10/16/25 12:47*	*1*
13C6 PFDA	*88.5*		*40 - 130*	*10/15/25 07:11*	*10/16/25 12:47*	*1*
13C7 PFUnA	*91.6*		*40 - 130*	*10/15/25 07:11*	*10/16/25 12:47*	*1*
13C2 PFTeDA	*80.2*		*20 - 130*	*10/15/25 07:11*	*10/16/25 12:47*	*1*

Client Sample ID: 5E_0-5

Date Collected: 10/08/25 10:10
Date Received: 10/08/25 17:00

Lab Sample ID: 460-336761-13

Matrix: Solid
Percent Solids: 91.4

Method: EPA 1633A - Per- and Polyfluoroalkyl Substances by LC/MS/MS, 1633A (Continued)

Isotope Dilution	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
13C3 PFBS	82.4		40 - 135	10/15/25 07:11	10/16/25 12:47	1
13C3 PFHxS	81.2		40 - 130	10/15/25 07:11	10/16/25 12:47	1
13C8 PFOS	80.1		40 - 130	10/15/25 07:11	10/16/25 12:47	1
13C8 FOSA	71.1		40 - 130	10/15/25 07:11	10/16/25 12:47	1
d3-NMeFOSAA	86.8		40 - 135	10/15/25 07:11	10/16/25 12:47	1
d5-NEtFOSAA	91.4		40 - 150	10/15/25 07:11	10/16/25 12:47	1
13C2 4:2 FTS	180	*	40 - 165	10/15/25 07:11	10/16/25 12:47	1
13C2 6:2 FTS	151		40 - 215	10/15/25 07:11	10/16/25 12:47	1
13C2 8:2 FTS	108		40 - 275	10/15/25 07:11	10/16/25 12:47	1
13C3 HFPO-DA	82.3		40 - 130	10/15/25 07:11	10/16/25 12:47	1
d7-N-MeFOSE-M	57.2		20 - 130	10/15/25 07:11	10/16/25 12:47	1
d9-N-EtFOSE-M	45.9		15 - 130	10/15/25 07:11	10/16/25 12:47	1
d5-NEtPFOSA	66.0		10 - 130	10/15/25 07:11	10/16/25 12:47	1
d3-NMePFOSA	70.3		10 - 130	10/15/25 07:11	10/16/25 12:47	1
13C2 PFDoA	80.3		40 - 130	10/15/25 07:11	10/16/25 12:47	1

Method: SW846 6020B - Metals (ICP/MS)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Aluminum	10100		17.4	4.8	mg/Kg	☼	10/12/25 19:15	10/13/25 15:08	1
Antimony	2.5		0.87	0.13	mg/Kg	☼	10/12/25 19:15	10/13/25 15:08	1
Arsenic	7.2		0.87	0.089	mg/Kg	☼	10/12/25 19:15	10/13/25 15:08	1
Barium	89.1		1.7	0.13	mg/Kg	☼	10/12/25 19:15	10/13/25 15:08	1
Beryllium	3.7		0.35	0.019	mg/Kg	☼	10/12/25 19:15	10/13/25 15:08	1
Cadmium	0.40	J	0.87	0.098	mg/Kg	☼	10/12/25 19:15	10/13/25 15:08	1
Calcium	2200		86.8	8.4	mg/Kg	☼	10/12/25 19:15	10/13/25 15:08	1
Chromium	61.3		1.7	0.26	mg/Kg	☼	10/12/25 19:15	10/13/25 15:08	1
Cobalt	13.8		0.87	0.13	mg/Kg	☼	10/12/25 19:15	10/13/25 15:08	1
Copper	129		1.7	0.32	mg/Kg	☼	10/12/25 19:15	10/13/25 15:08	1
Iron	28300		52.1	6.6	mg/Kg	☼	10/12/25 19:15	10/13/25 15:08	1
Lead	496		0.52	0.17	mg/Kg	☼	10/12/25 19:15	10/13/25 15:08	1
Magnesium	2550		86.8	8.9	mg/Kg	☼	10/12/25 19:15	10/13/25 15:08	1
Manganese	235		3.5	0.35	mg/Kg	☼	10/12/25 19:15	10/13/25 15:08	1
Nickel	57.2		1.7	0.15	mg/Kg	☼	10/12/25 19:15	10/13/25 15:08	1
Potassium	1460		86.8	14.1	mg/Kg	☼	10/12/25 19:15	10/13/25 15:08	1
Selenium	0.51	J	1.1	0.11	mg/Kg	☼	10/12/25 19:15	10/13/25 15:08	1
Silver	0.28	J	0.35	0.077	mg/Kg	☼	10/12/25 19:15	10/13/25 15:08	1
Sodium	203		86.8	39.7	mg/Kg	☼	10/12/25 19:15	10/13/25 15:08	1
Thallium	0.10	J	0.35	0.036	mg/Kg	☼	10/12/25 19:15	10/13/25 15:08	1
Vanadium	30.1		1.7	0.18	mg/Kg	☼	10/12/25 19:15	10/13/25 15:08	1
Zinc	621		6.9	0.95	mg/Kg	☼	10/12/25 19:15	10/13/25 15:08	1

Method: SW846 7471B - Mercury (CVAA)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	0.050		0.018	0.0086	mg/Kg	☼	10/17/25 05:53	10/17/25 12:56	1

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Percent Moisture (EPA Moisture)	8.6		1.0	1.0	%			10/09/25 15:55	1
Percent Solids (EPA Moisture)	91.4		1.0	1.0	%			10/09/25 15:55	1

Client: Haley & Aldrich, Inc.
Project/Site: Former Port Mobil

Job ID: 460-336761-1

Client Sample ID: 5E_5-10
Date Collected: 10/08/25 10:15
Date Received: 10/08/25 17:00

Lab Sample ID: 460-336761-14
Matrix: Solid
Percent Solids: 89.2

Method: SW846 8270E - Semivolatile Organic Compounds (GC/MS)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1'-Biphenyl	0.37	U	0.37	0.013	mg/Kg	☼	10/10/25 08:26	10/11/25 00:53	1
1,2,4,5-Tetrachlorobenzene	0.37	U	0.37	0.012	mg/Kg	☼	10/10/25 08:26	10/11/25 00:53	1
1,4-Dioxane	0.037	U	0.037	0.032	mg/Kg	☼	10/10/25 08:26	10/11/25 00:53	1
2,2'-oxybis[1-chloropropane]	0.37	U	0.37	0.022	mg/Kg	☼	10/10/25 08:26	10/11/25 00:53	1
2,3,4,6-Tetrachlorophenol	0.37	U	0.37	0.025	mg/Kg	☼	10/10/25 08:26	10/11/25 00:53	1
2,4,5-Trichlorophenol	0.37	U	0.37	0.038	mg/Kg	☼	10/10/25 08:26	10/11/25 00:53	1
2,4,6-Trichlorophenol	0.15	U	0.15	0.047	mg/Kg	☼	10/10/25 08:26	10/11/25 00:53	1
2,4-Dichlorophenol	0.15	U	0.15	0.024	mg/Kg	☼	10/10/25 08:26	10/11/25 00:53	1
2,4-Dimethylphenol	0.37	U	0.37	0.044	mg/Kg	☼	10/10/25 08:26	10/11/25 00:53	1
2,4-Dinitrophenol	0.30	U	0.30	0.18	mg/Kg	☼	10/10/25 08:26	10/11/25 00:53	1
2,4-Dinitrotoluene	0.075	U	0.075	0.040	mg/Kg	☼	10/10/25 08:26	10/11/25 00:53	1
2,6-Dinitrotoluene	0.075	U	0.075	0.027	mg/Kg	☼	10/10/25 08:26	10/11/25 00:53	1
2-Chloronaphthalene	0.37	U	0.37	0.048	mg/Kg	☼	10/10/25 08:26	10/11/25 00:53	1
2-Chlorophenol	0.37	U	0.37	0.013	mg/Kg	☼	10/10/25 08:26	10/11/25 00:53	1
2-Methylnaphthalene	0.37	U	0.37	0.010	mg/Kg	☼	10/10/25 08:26	10/11/25 00:53	1
2-Methylphenol	0.37	U	0.37	0.014	mg/Kg	☼	10/10/25 08:26	10/11/25 00:53	1
2-Nitroaniline	0.37	U	0.37	0.028	mg/Kg	☼	10/10/25 08:26	10/11/25 00:53	1
2-Nitrophenol	0.37	U	0.37	0.037	mg/Kg	☼	10/10/25 08:26	10/11/25 00:53	1
3 & 4 Methylphenol	0.37	U	0.37	0.023	mg/Kg	☼	10/10/25 08:26	10/11/25 00:53	1
3,3'-Dichlorobenzidine	0.15	U	0.15	0.056	mg/Kg	☼	10/10/25 08:26	10/11/25 00:53	1
3-Nitroaniline	0.37	U	0.37	0.088	mg/Kg	☼	10/10/25 08:26	10/11/25 00:53	1
4,6-Dinitro-2-methylphenol	0.30	U	0.30	0.15	mg/Kg	☼	10/10/25 08:26	10/11/25 00:53	1
4-Bromophenyl phenyl ether	0.37	U	0.37	0.015	mg/Kg	☼	10/10/25 08:26	10/11/25 00:53	1
4-Chloro-3-methylphenol	0.37	U	0.37	0.021	mg/Kg	☼	10/10/25 08:26	10/11/25 00:53	1
4-Chloroaniline	0.37	U	0.37	0.066	mg/Kg	☼	10/10/25 08:26	10/11/25 00:53	1
4-Chlorophenyl phenyl ether	0.37	U	0.37	0.013	mg/Kg	☼	10/10/25 08:26	10/11/25 00:53	1
4-Methylphenol	0.37	U	0.37	0.023	mg/Kg	☼	10/10/25 08:26	10/11/25 00:53	1
4-Nitroaniline	0.37	U	0.37	0.094	mg/Kg	☼	10/10/25 08:26	10/11/25 00:53	1
4-Nitrophenol	0.75	U	0.75	0.060	mg/Kg	☼	10/10/25 08:26	10/11/25 00:53	1
Acenaphthene	0.37	U	0.37	0.011	mg/Kg	☼	10/10/25 08:26	10/11/25 00:53	1
Acenaphthylene	0.37	U	0.37	0.011	mg/Kg	☼	10/10/25 08:26	10/11/25 00:53	1
Acetophenone	0.37	U	0.37	0.018	mg/Kg	☼	10/10/25 08:26	10/11/25 00:53	1
Anthracene	0.37	U	0.37	0.011	mg/Kg	☼	10/10/25 08:26	10/11/25 00:53	1
Atrazine	0.15	U	0.15	0.022	mg/Kg	☼	10/10/25 08:26	10/11/25 00:53	1
Benzaldehyde	0.37	U	0.37	0.061	mg/Kg	☼	10/10/25 08:26	10/11/25 00:53	1
Benzo[a]anthracene	0.037	U	0.037	0.028	mg/Kg	☼	10/10/25 08:26	10/11/25 00:53	1
Benzo[a]pyrene	**0.030**	**J**	0.037	0.0099	mg/Kg	☼	10/10/25 08:26	10/11/25 00:53	1
Benzo[b]fluoranthene	**0.041**		0.037	0.0096	mg/Kg	☼	10/10/25 08:26	10/11/25 00:53	1
Benzo[g,h,i]perylene	**0.035**	**J**	0.37	0.011	mg/Kg	☼	10/10/25 08:26	10/11/25 00:53	1
Benzo[k]fluoranthene	**0.017**	**J**	0.037	0.0073	mg/Kg	☼	10/10/25 08:26	10/11/25 00:53	1
Bis(2-chloroethoxy)methane	0.37	U	0.37	0.068	mg/Kg	☼	10/10/25 08:26	10/11/25 00:53	1
Bis(2-chloroethyl)ether	0.037	U	0.037	0.013	mg/Kg	☼	10/10/25 08:26	10/11/25 00:53	1
Bis(2-ethylhexyl) phthalate	0.37	U	0.37	0.020	mg/Kg	☼	10/10/25 08:26	10/11/25 00:53	1
Butyl benzyl phthalate	0.37	U	0.37	0.017	mg/Kg	☼	10/10/25 08:26	10/11/25 00:53	1
Caprolactam	0.37	U	0.37	0.058	mg/Kg	☼	10/10/25 08:26	10/11/25 00:53	1
Carbazole	0.37	U	0.37	0.014	mg/Kg	☼	10/10/25 08:26	10/11/25 00:53	1
Chrysene	**0.033**	**J**	0.37	0.016	mg/Kg	☼	10/10/25 08:26	10/11/25 00:53	1
Dibenz(a,h)anthracene	**0.016**	**J**	0.037	0.016	mg/Kg	☼	10/10/25 08:26	10/11/25 00:53	1
Dibenzofuran	0.37	U	0.37	0.012	mg/Kg	☼	10/10/25 08:26	10/11/25 00:53	1

Client Sample ID: 5E_5-10
Date Collected: 10/08/25 10:15
Date Received: 10/08/25 17:00

Lab Sample ID: 460-336761-14
Matrix: Solid
Percent Solids: 89.2

Method: SW846 8270E - Semivolatile Organic Compounds (GC/MS) (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Diethyl phthalate	0.37	U	0.37	0.012	mg/Kg	☼	10/10/25 08:26	10/11/25 00:53	1
Dimethyl phthalate	0.37	U	0.37	0.084	mg/Kg	☼	10/10/25 08:26	10/11/25 00:53	1
Di-n-butyl phthalate	**0.026**	**J**	0.37	0.014	mg/Kg	☼	10/10/25 08:26	10/11/25 00:53	1
Di-n-octyl phthalate	0.37	U	0.37	0.020	mg/Kg	☼	10/10/25 08:26	10/11/25 00:53	1
Fluoranthene	**0.029**	**J**	0.37	0.013	mg/Kg	☼	10/10/25 08:26	10/11/25 00:53	1
Fluorene	0.37	U	0.37	0.011	mg/Kg	☼	10/10/25 08:26	10/11/25 00:53	1
Hexachlorobenzene	0.037	U	0.037	0.018	mg/Kg	☼	10/10/25 08:26	10/11/25 00:53	1
Hexachlorobutadiene	0.075	U	0.075	0.0079	mg/Kg	☼	10/10/25 08:26	10/11/25 00:53	1
Hexachlorocyclopentadiene	0.37	U	0.37	0.032	mg/Kg	☼	10/10/25 08:26	10/11/25 00:53	1
Hexachloroethane	0.037	U	0.037	0.013	mg/Kg	☼	10/10/25 08:26	10/11/25 00:53	1
Indeno[1,2,3-cd]pyrene	**0.039**		0.037	0.014	mg/Kg	☼	10/10/25 08:26	10/11/25 00:53	1
Isophorone	0.15	U	0.15	0.11	mg/Kg	☼	10/10/25 08:26	10/11/25 00:53	1
Naphthalene	**0.0078**	**J**	0.37	0.0064	mg/Kg	☼	10/10/25 08:26	10/11/25 00:53	1
Nitrobenzene	0.037	U	0.037	0.021	mg/Kg	☼	10/10/25 08:26	10/11/25 00:53	1
N-Nitrosodi-n-propylamine	0.037	U	0.037	0.027	mg/Kg	☼	10/10/25 08:26	10/11/25 00:53	1
N-Nitrosodiphenylamine	0.37	U	0.37	0.030	mg/Kg	☼	10/10/25 08:26	10/11/25 00:53	1
Pentachlorophenol	0.30	U	0.30	0.076	mg/Kg	☼	10/10/25 08:26	10/11/25 00:53	1
Phenanthrene	**0.015**	**J**	0.37	0.015	mg/Kg	☼	10/10/25 08:26	10/11/25 00:53	1
Phenol	0.37	U	0.37	0.014	mg/Kg	☼	10/10/25 08:26	10/11/25 00:53	1
Pyrene	**0.027**	**J**	0.37	0.0092	mg/Kg	☼	10/10/25 08:26	10/11/25 00:53	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
2,4,6-Tribromophenol (Surr)	*54*		*18 - 137*	*10/10/25 08:26*	*10/11/25 00:53*	*1*
2-Fluorobiphenyl	*61*		*33 - 117*	*10/10/25 08:26*	*10/11/25 00:53*	*1*
2-Fluorophenol (Surr)	*57*		*24 - 120*	*10/10/25 08:26*	*10/11/25 00:53*	*1*
Nitrobenzene-d5 (Surr)	*62*		*27 - 120*	*10/10/25 08:26*	*10/11/25 00:53*	*1*
Phenol-d5 (Surr)	*60*		*28 - 118*	*10/10/25 08:26*	*10/11/25 00:53*	*1*
Terphenyl-d14 (Surr)	*64*		*33 - 124*	*10/10/25 08:26*	*10/11/25 00:53*	*1*

Method: SW846 8081B - Organochlorine Pesticides (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
4,4'-DDD	0.0075	U	0.0075	0.0013	mg/Kg	☼	10/09/25 17:52	10/10/25 18:03	1
4,4'-DDE	0.0075	U	0.0075	0.00089	mg/Kg	☼	10/09/25 17:52	10/10/25 18:03	1
4,4'-DDT	0.0075	U	0.0075	0.0014	mg/Kg	☼	10/09/25 17:52	10/10/25 18:03	1
Aldrin	0.0075	U	0.0075	0.0011	mg/Kg	☼	10/09/25 17:52	10/10/25 18:03	1
alpha-BHC	0.0022	U	0.0022	0.00076	mg/Kg	☼	10/09/25 17:52	10/10/25 18:03	1
beta-BHC	0.0022	U	0.0022	0.00084	mg/Kg	☼	10/09/25 17:52	10/10/25 18:03	1
Chlordane (technical)	0.075	U	0.075	0.018	mg/Kg	☼	10/09/25 17:52	10/10/25 18:03	1
cis-Chlordane	0.0075	U	0.0075	0.0012	mg/Kg	☼	10/09/25 17:52	10/10/25 18:03	1
delta-BHC	0.0022	U	0.0022	0.00046	mg/Kg	☼	10/09/25 17:52	10/10/25 18:03	1
Dieldrin	0.0022	U	0.0022	0.00098	mg/Kg	☼	10/09/25 17:52	10/10/25 18:03	1
Endosulfan I	0.0075	U	0.0075	0.0011	mg/Kg	☼	10/09/25 17:52	10/10/25 18:03	1
Endosulfan II	0.0075	U	0.0075	0.0019	mg/Kg	☼	10/09/25 17:52	10/10/25 18:03	1
Endosulfan sulfate	0.0075	U	0.0075	0.00094	mg/Kg	☼	10/09/25 17:52	10/10/25 18:03	1
Endrin	0.0075	U	0.0075	0.0011	mg/Kg	☼	10/09/25 17:52	10/10/25 18:03	1
Endrin aldehyde	0.0075	U	0.0075	0.0018	mg/Kg	☼	10/09/25 17:52	10/10/25 18:03	1
Endrin ketone	0.0075	U	0.0075	0.0015	mg/Kg	☼	10/09/25 17:52	10/10/25 18:03	1
gamma-BHC (Lindane)	0.0022	U	0.0022	0.00070	mg/Kg	☼	10/09/25 17:52	10/10/25 18:03	1
Heptachlor	0.0075	U	0.0075	0.00089	mg/Kg	☼	10/09/25 17:52	10/10/25 18:03	1
Heptachlor epoxide	0.0075	U	0.0075	0.0011	mg/Kg	☼	10/09/25 17:52	10/10/25 18:03	1

Client Sample ID: 5E_5-10
Date Collected: 10/08/25 10:15
Date Received: 10/08/25 17:00

Lab Sample ID: 460-336761-14
Matrix: Solid
Percent Solids: 89.2

Method: SW846 8081B - Organochlorine Pesticides (GC) (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Methoxychlor	0.0075	U	0.0075	0.0017	mg/Kg	☼	10/09/25 17:52	10/10/25 18:03	1
Toxaphene	0.075	U	0.075	0.027	mg/Kg	☼	10/09/25 17:52	10/10/25 18:03	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
DCB Decachlorobiphenyl	*121*		*10 - 150*	*10/09/25 17:52*	*10/10/25 18:03*	*1*
DCB Decachlorobiphenyl	*119*		*10 - 150*	*10/09/25 17:52*	*10/10/25 18:03*	*1*
Tetrachloro-m-xylene	*108*		*14 - 150*	*10/09/25 17:52*	*10/10/25 18:03*	*1*
Tetrachloro-m-xylene	*99*		*14 - 150*	*10/09/25 17:52*	*10/10/25 18:03*	*1*

Method: SW846 8082A - Polychlorinated Biphenyls (PCBs) by Gas Chromatography

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Aroclor 1016	0.075	U	0.075	0.020	mg/Kg	☼	10/09/25 17:24	10/10/25 23:48	1
Aroclor 1221	0.075	U	0.075	0.020	mg/Kg	☼	10/09/25 17:24	10/10/25 23:48	1
Aroclor 1232	0.075	U	0.075	0.020	mg/Kg	☼	10/09/25 17:24	10/10/25 23:48	1
Aroclor 1242	0.075	U	0.075	0.020	mg/Kg	☼	10/09/25 17:24	10/10/25 23:48	1
Aroclor 1248	0.075	U	0.075	0.020	mg/Kg	☼	10/09/25 17:24	10/10/25 23:48	1
Aroclor 1254	0.075	U	0.075	0.020	mg/Kg	☼	10/09/25 17:24	10/10/25 23:48	1
Aroclor 1260	0.075	U	0.075	0.020	mg/Kg	☼	10/09/25 17:24	10/10/25 23:48	1
Aroclor-1262	0.075	U	0.075	0.020	mg/Kg	☼	10/09/25 17:24	10/10/25 23:48	1
Aroclor 1268	0.075	U	0.075	0.020	mg/Kg	☼	10/09/25 17:24	10/10/25 23:48	1
Polychlorinated biphenyls, Total	0.075	U	0.075	0.020	mg/Kg	☼	10/09/25 17:24	10/10/25 23:48	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
DCB Decachlorobiphenyl	*123*		*10 - 150*	*10/09/25 17:24*	*10/10/25 23:48*	*1*
DCB Decachlorobiphenyl	*136*		*10 - 150*	*10/09/25 17:24*	*10/10/25 23:48*	*1*
Tetrachloro-m-xylene	*105*		*10 - 150*	*10/09/25 17:24*	*10/10/25 23:48*	*1*
Tetrachloro-m-xylene	*110*		*10 - 150*	*10/09/25 17:24*	*10/10/25 23:48*	*1*

Method: EPA 1633A - Per- and Polyfluoroalkyl Substances by LC/MS/MS, 1633A

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Perfluorobutanoic acid (PFBA)	0.40	U	0.40	0.099	ug/Kg	☼	10/15/25 07:11	10/16/25 13:01	1
Perfluoropentanoic acid (PFPeA)	0.20	U	0.20	0.099	ug/Kg	☼	10/15/25 07:11	10/16/25 13:01	1
Perfluorohexanoic acid (PFHxA)	0.20	U	0.20	0.099	ug/Kg	☼	10/15/25 07:11	10/16/25 13:01	1
Perfluoroheptanoic acid (PFHpA)	0.20	U	0.20	0.099	ug/Kg	☼	10/15/25 07:11	10/16/25 13:01	1
Perfluorooctanoic acid (PFOA)	**0.12**	**J**	0.20	0.059	ug/Kg	☼	10/15/25 07:11	10/16/25 13:01	1
Perfluorononanoic acid (PFNA)	**0.29**		0.20	0.099	ug/Kg	☼	10/15/25 07:11	10/16/25 13:01	1
Perfluorodecanoic acid (PFDA)	**0.11**	**J**	0.20	0.059	ug/Kg	☼	10/15/25 07:11	10/16/25 13:01	1
Perfluoroundecanoic acid (PFUnA)	**1.58**		0.20	0.099	ug/Kg	☼	10/15/25 07:11	10/16/25 13:01	1
Perfluorododecanoic acid (PFDoA)	**0.16**	**J**	0.20	0.099	ug/Kg	☼	10/15/25 07:11	10/16/25 13:01	1
Perfluorotridecanoic acid (PFTrDA)	**1.53**		0.20	0.099	ug/Kg	☼	10/15/25 07:11	10/16/25 13:01	1
Perfluorotetradecanoic acid (PFTeDA)	0.20	U	0.20	0.099	ug/Kg	☼	10/15/25 07:11	10/16/25 13:01	1
Perfluorobutanesulfonic acid (PFBS)	0.20	U	0.20	0.099	ug/Kg	☼	10/15/25 07:11	10/16/25 13:01	1
Perfluoropentanesulfonic acid (PFPeS)	0.20	U	0.20	0.099	ug/Kg	☼	10/15/25 07:11	10/16/25 13:01	1
Perfluorohexanesulfonic acid (PFHxS)	0.20	U	0.20	0.099	ug/Kg	☼	10/15/25 07:11	10/16/25 13:01	1
Perfluoroheptanesulfonic acid (PFHpS)	0.20	U	0.20	0.099	ug/Kg	☼	10/15/25 07:11	10/16/25 13:01	1
Perfluorooctanesulfonic acid (PFOS)	0.20	U	0.20	0.099	ug/Kg	☼	10/15/25 07:11	10/16/25 13:01	1
Perfluorononanesulfonic acid (PFNS)	0.20	U	0.20	0.099	ug/Kg	☼	10/15/25 07:11	10/16/25 13:01	1

Client Sample ID: 5E_5-10
Date Collected: 10/08/25 10:15
Date Received: 10/08/25 17:00

Lab Sample ID: 460-336761-14
Matrix: Solid
Percent Solids: 89.2

Method: EPA 1633A - Per- and Polyfluoroalkyl Substances by LC/MS/MS, 1633A (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Perfluorodecanesulfonic acid (PFDS)	0.20	U	0.20	0.099	ug/Kg	☼	10/15/25 07:11	10/16/25 13:01	1
Perfluorododecanesulfonic acid (PFDoS)	0.20	U	0.20	0.099	ug/Kg	☼	10/15/25 07:11	10/16/25 13:01	1
1H,1H,2H,2H-Perfluorohexane sulfonic acid (4:2 FTS)	0.40	U	0.40	0.20	ug/Kg	☼	10/15/25 07:11	10/16/25 13:01	1
1H,1H,2H,2H-Perfluorooctane sulfonic acid (6:2 FTS)	0.40	U	0.40	0.20	ug/Kg	☼	10/15/25 07:11	10/16/25 13:01	1
1H,1H,2H,2H-Perfluorodecane sulfonic acid (8:2 FTS)	**0.41**		0.40	0.20	ug/Kg	☼	10/15/25 07:11	10/16/25 13:01	1
Perfluorooctanesulfonamide (PFOSA)	0.20	U	0.20	0.099	ug/Kg	☼	10/15/25 07:11	10/16/25 13:01	1
N-methylperfluorooctane sulfonamide (NMeFOSA)	0.20	U	0.20	0.099	ug/Kg	☼	10/15/25 07:11	10/16/25 13:01	1
N-ethylperfluorooctane sulfonamide (NEtFOSA)	0.20	U	0.20	0.099	ug/Kg	☼	10/15/25 07:11	10/16/25 13:01	1
N-methylperfluorooctanesulfonamidoacetic acid (NMeFOSAA)	0.20	U	0.20	0.099	ug/Kg	☼	10/15/25 07:11	10/16/25 13:01	1
N-ethylperfluorooctanesulfonamidoacetic acid (NEtFOSAA)	0.20	U	0.20	0.099	ug/Kg	☼	10/15/25 07:11	10/16/25 13:01	1
N-methylperfluorooctane sulfonamidoethanol (NMeFOSE)	0.99	U	0.99	0.49	ug/Kg	☼	10/15/25 07:11	10/16/25 13:01	1
N-ethylperfluorooctane sulfonamidoethanol (NEtFOSE)	0.99	U	0.99	0.49	ug/Kg	☼	10/15/25 07:11	10/16/25 13:01	1
Hexafluoropropylene Oxide Dimer Acid (HFPO-DA)	0.20	U	0.20	0.099	ug/Kg	☼	10/15/25 07:11	10/16/25 13:01	1
4,8-Dioxa-3H-perfluorononanoic acid (ADONA)	0.20	U	0.20	0.099	ug/Kg	☼	10/15/25 07:11	10/16/25 13:01	1
Perfluoro-3-methoxypropanoic acid (PFMPA)	0.20	U	0.20	0.099	ug/Kg	☼	10/15/25 07:11	10/16/25 13:01	1
Perfluoro-4-methoxybutanoic acid (PFMBA)	0.20	U	0.20	0.099	ug/Kg	☼	10/15/25 07:11	10/16/25 13:01	1
Nonafluoro-3,6-dioxaheptanoic acid (NFDHA)	0.20	U	0.20	0.099	ug/Kg	☼	10/15/25 07:11	10/16/25 13:01	1
9-Chlorohexadecafluoro-3-oxanonane-1-sulfonic acid (9Cl-PF3ONS)	0.20	U	0.20	0.099	ug/Kg	☼	10/15/25 07:11	10/16/25 13:01	1
11-Chloroeicosafluoro-3-oxaundecane-1-sulfonic acid (11Cl-PF3OUdS)	0.20	U	0.20	0.099	ug/Kg	☼	10/15/25 07:11	10/16/25 13:01	1
Perfluoro (2-ethoxyethane) sulfonic acid (PFEESA)	0.20	U	0.20	0.099	ug/Kg	☼	10/15/25 07:11	10/16/25 13:01	1
3-Perfluoropropylpropanoic acid (3:3 FTCA)	0.40	U	0.40	0.20	ug/Kg	☼	10/15/25 07:11	10/16/25 13:01	1
3-Perfluoropentylpropanoic acid (5:3 FTCA)	0.99	U	0.99	0.49	ug/Kg	☼	10/15/25 07:11	10/16/25 13:01	1
3-Perfluoroheptylpropanoic acid (7:3 FTCA)	0.99	U	0.99	0.49	ug/Kg	☼	10/15/25 07:11	10/16/25 13:01	1

Isotope Dilution	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
13C4 PFBA	*81.2*		*8 - 130*	*10/15/25 07:11*	*10/16/25 13:01*	*1*
13C5 PFPeA	*79.5*		*35 - 130*	*10/15/25 07:11*	*10/16/25 13:01*	*1*
13C5 PFHxA	*80.1*		*40 - 130*	*10/15/25 07:11*	*10/16/25 13:01*	*1*
13C4 PFHpA	*84.4*		*40 - 130*	*10/15/25 07:11*	*10/16/25 13:01*	*1*
13C8 PFOA	*78.1*		*40 - 130*	*10/15/25 07:11*	*10/16/25 13:01*	*1*
13C9 PFNA	*86.5*		*40 - 130*	*10/15/25 07:11*	*10/16/25 13:01*	*1*
13C6 PFDA	*82.4*		*40 - 130*	*10/15/25 07:11*	*10/16/25 13:01*	*1*
13C7 PFUnA	*79.4*		*40 - 130*	*10/15/25 07:11*	*10/16/25 13:01*	*1*
13C2 PFTeDA	*70.1*		*20 - 130*	*10/15/25 07:11*	*10/16/25 13:01*	*1*

Client Sample ID: 5E_5-10
Date Collected: 10/08/25 10:15
Date Received: 10/08/25 17:00

Lab Sample ID: 460-336761-14
Matrix: Solid
Percent Solids: 89.2

Method: EPA 1633A - Per- and Polyfluoroalkyl Substances by LC/MS/MS, 1633A (Continued)

Isotope Dilution	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
13C3 PFBS	77.3		40 - 135	10/15/25 07:11	10/16/25 13:01	1
13C3 PFHxS	78.1		40 - 130	10/15/25 07:11	10/16/25 13:01	1
13C8 PFOS	76.7		40 - 130	10/15/25 07:11	10/16/25 13:01	1
13C8 FOSA	70.0		40 - 130	10/15/25 07:11	10/16/25 13:01	1
d3-NMeFOSAA	87.1		40 - 135	10/15/25 07:11	10/16/25 13:01	1
d5-NEtFOSAA	92.8		40 - 150	10/15/25 07:11	10/16/25 13:01	1
13C2 4:2 FTS	201	*	40 - 165	10/15/25 07:11	10/16/25 13:01	1
13C2 6:2 FTS	170		40 - 215	10/15/25 07:11	10/16/25 13:01	1
13C2 8:2 FTS	123		40 - 275	10/15/25 07:11	10/16/25 13:01	1
13C3 HFPO-DA	81.8		40 - 130	10/15/25 07:11	10/16/25 13:01	1
d7-N-MeFOSE-M	60.4		20 - 130	10/15/25 07:11	10/16/25 13:01	1
d9-N-EtFOSE-M	53.5		15 - 130	10/15/25 07:11	10/16/25 13:01	1
d5-NEtPFOSA	63.0		10 - 130	10/15/25 07:11	10/16/25 13:01	1
d3-NMePFOSA	68.3		10 - 130	10/15/25 07:11	10/16/25 13:01	1
13C2 PFDoA	74.0		40 - 130	10/15/25 07:11	10/16/25 13:01	1

Method: SW846 6020B - Metals (ICP/MS)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Aluminum	7220		18.2	5.0	mg/Kg	☼	10/12/25 19:15	10/13/25 15:11	1
Antimony	2.7		0.91	0.13	mg/Kg	☼	10/12/25 19:15	10/13/25 15:11	1
Arsenic	8.0		0.91	0.094	mg/Kg	☼	10/12/25 19:15	10/13/25 15:11	1
Barium	59.3		1.8	0.13	mg/Kg	☼	10/12/25 19:15	10/13/25 15:11	1
Beryllium	1.4		0.36	0.020	mg/Kg	☼	10/12/25 19:15	10/13/25 15:11	1
Cadmium	0.32	J	0.91	0.10	mg/Kg	☼	10/12/25 19:15	10/13/25 15:11	1
Calcium	1820		91.2	8.9	mg/Kg	☼	10/12/25 19:15	10/13/25 15:11	1
Chromium	34.4		1.8	0.27	mg/Kg	☼	10/12/25 19:15	10/13/25 15:11	1
Cobalt	8.5		0.91	0.13	mg/Kg	☼	10/12/25 19:15	10/13/25 15:11	1
Copper	74.6		1.8	0.34	mg/Kg	☼	10/12/25 19:15	10/13/25 15:11	1
Iron	21800		54.7	7.0	mg/Kg	☼	10/12/25 19:15	10/13/25 15:11	1
Lead	352		0.55	0.18	mg/Kg	☼	10/12/25 19:15	10/13/25 15:11	1
Magnesium	1860		91.2	9.3	mg/Kg	☼	10/12/25 19:15	10/13/25 15:11	1
Manganese	165		3.6	0.37	mg/Kg	☼	10/12/25 19:15	10/13/25 15:11	1
Nickel	28.3		1.8	0.16	mg/Kg	☼	10/12/25 19:15	10/13/25 15:11	1
Potassium	1250		91.2	14.8	mg/Kg	☼	10/12/25 19:15	10/13/25 15:11	1
Selenium	0.39	J	1.1	0.12	mg/Kg	☼	10/12/25 19:15	10/13/25 15:11	1
Silver	0.29	J	0.36	0.081	mg/Kg	☼	10/12/25 19:15	10/13/25 15:11	1
Sodium	136		91.2	41.7	mg/Kg	☼	10/12/25 19:15	10/13/25 15:11	1
Thallium	0.080	J	0.36	0.037	mg/Kg	☼	10/12/25 19:15	10/13/25 15:11	1
Vanadium	26.7		1.8	0.19	mg/Kg	☼	10/12/25 19:15	10/13/25 15:11	1
Zinc	281		7.3	0.99	mg/Kg	☼	10/12/25 19:15	10/13/25 15:11	1

Method: SW846 7471B - Mercury (CVAA)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	0.032		0.018	0.0085	mg/Kg	☼	10/17/25 05:53	10/17/25 12:59	1

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Percent Moisture (EPA Moisture)	10.8		1.0	1.0	%			10/09/25 15:55	1
Percent Solids (EPA Moisture)	89.2		1.0	1.0	%			10/09/25 15:55	1

Client Sample ID: 3B_0-7
Date Collected: 10/08/25 15:00
Date Received: 10/08/25 17:00

Lab Sample ID: 460-336761-15
Matrix: Solid
Percent Solids: 90.7

Method: SW846 8270E - Semivolatile Organic Compounds (GC/MS)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1'-Biphenyl	0.36	U	0.36	0.013	mg/Kg	☼	10/10/25 08:26	10/11/25 01:16	1
1,2,4,5-Tetrachlorobenzene	0.36	U	0.36	0.011	mg/Kg	☼	10/10/25 08:26	10/11/25 01:16	1
1,4-Dioxane	0.036	U	0.036	0.032	mg/Kg	☼	10/10/25 08:26	10/11/25 01:16	1
2,2'-oxybis[1-chloropropane]	0.36	U	0.36	0.022	mg/Kg	☼	10/10/25 08:26	10/11/25 01:16	1
2,3,4,6-Tetrachlorophenol	0.36	U	0.36	0.025	mg/Kg	☼	10/10/25 08:26	10/11/25 01:16	1
2,4,5-Trichlorophenol	0.36	U	0.36	0.037	mg/Kg	☼	10/10/25 08:26	10/11/25 01:16	1
2,4,6-Trichlorophenol	0.15	U	0.15	0.047	mg/Kg	☼	10/10/25 08:26	10/11/25 01:16	1
2,4-Dichlorophenol	0.15	U	0.15	0.023	mg/Kg	☼	10/10/25 08:26	10/11/25 01:16	1
2,4-Dimethylphenol	0.36	U	0.36	0.043	mg/Kg	☼	10/10/25 08:26	10/11/25 01:16	1
2,4-Dinitrophenol	0.29	U	0.29	0.18	mg/Kg	☼	10/10/25 08:26	10/11/25 01:16	1
2,4-Dinitrotoluene	0.074	U	0.074	0.039	mg/Kg	☼	10/10/25 08:26	10/11/25 01:16	1
2,6-Dinitrotoluene	0.074	U	0.074	0.026	mg/Kg	☼	10/10/25 08:26	10/11/25 01:16	1
2-Chloronaphthalene	0.36	U	0.36	0.047	mg/Kg	☼	10/10/25 08:26	10/11/25 01:16	1
2-Chlorophenol	0.36	U	0.36	0.013	mg/Kg	☼	10/10/25 08:26	10/11/25 01:16	1
2-Methylnaphthalene	**0.011**	**J**	0.36	0.010	mg/Kg	☼	10/10/25 08:26	10/11/25 01:16	1
2-Methylphenol	0.36	U	0.36	0.014	mg/Kg	☼	10/10/25 08:26	10/11/25 01:16	1
2-Nitroaniline	0.36	U	0.36	0.028	mg/Kg	☼	10/10/25 08:26	10/11/25 01:16	1
2-Nitrophenol	0.36	U	0.36	0.036	mg/Kg	☼	10/10/25 08:26	10/11/25 01:16	1
3 & 4 Methylphenol	0.36	U	0.36	0.023	mg/Kg	☼	10/10/25 08:26	10/11/25 01:16	1
3,3'-Dichlorobenzidine	0.15	U	0.15	0.055	mg/Kg	☼	10/10/25 08:26	10/11/25 01:16	1
3-Nitroaniline	0.36	U	0.36	0.086	mg/Kg	☼	10/10/25 08:26	10/11/25 01:16	1
4,6-Dinitro-2-methylphenol	0.29	U	0.29	0.15	mg/Kg	☼	10/10/25 08:26	10/11/25 01:16	1
4-Bromophenyl phenyl ether	0.36	U	0.36	0.014	mg/Kg	☼	10/10/25 08:26	10/11/25 01:16	1
4-Chloro-3-methylphenol	0.36	U	0.36	0.020	mg/Kg	☼	10/10/25 08:26	10/11/25 01:16	1
4-Chloroaniline	0.36	U	0.36	0.065	mg/Kg	☼	10/10/25 08:26	10/11/25 01:16	1
4-Chlorophenyl phenyl ether	0.36	U	0.36	0.013	mg/Kg	☼	10/10/25 08:26	10/11/25 01:16	1
4-Methylphenol	0.36	U	0.36	0.023	mg/Kg	☼	10/10/25 08:26	10/11/25 01:16	1
4-Nitroaniline	0.36	U	0.36	0.092	mg/Kg	☼	10/10/25 08:26	10/11/25 01:16	1
4-Nitrophenol	0.74	U	0.74	0.059	mg/Kg	☼	10/10/25 08:26	10/11/25 01:16	1
Acenaphthene	0.36	U	0.36	0.010	mg/Kg	☼	10/10/25 08:26	10/11/25 01:16	1
Acenaphthylene	**0.016**	**J**	0.36	0.010	mg/Kg	☼	10/10/25 08:26	10/11/25 01:16	1
Acetophenone	0.36	U	0.36	0.018	mg/Kg	☼	10/10/25 08:26	10/11/25 01:16	1
Anthracene	**0.030**	**J**	0.36	0.011	mg/Kg	☼	10/10/25 08:26	10/11/25 01:16	1
Atrazine	0.15	U	0.15	0.021	mg/Kg	☼	10/10/25 08:26	10/11/25 01:16	1
Benzaldehyde	0.36	U	0.36	0.060	mg/Kg	☼	10/10/25 08:26	10/11/25 01:16	1
Benzo[a]anthracene	0.036	U	0.036	0.027	mg/Kg	☼	10/10/25 08:26	10/11/25 01:16	1
Benzo[a]pyrene	**0.015**	**J**	0.036	0.0097	mg/Kg	☼	10/10/25 08:26	10/11/25 01:16	1
Benzo[b]fluoranthene	**0.020**	**J**	0.036	0.0094	mg/Kg	☼	10/10/25 08:26	10/11/25 01:16	1
Benzo[g,h,i]perylene	**0.017**	**J**	0.36	0.011	mg/Kg	☼	10/10/25 08:26	10/11/25 01:16	1
Benzo[k]fluoranthene	**0.0083**	**J**	0.036	0.0071	mg/Kg	☼	10/10/25 08:26	10/11/25 01:16	1
Bis(2-chloroethoxy)methane	0.36	U	0.36	0.067	mg/Kg	☼	10/10/25 08:26	10/11/25 01:16	1
Bis(2-chloroethyl)ether	0.036	U	0.036	0.013	mg/Kg	☼	10/10/25 08:26	10/11/25 01:16	1
Bis(2-ethylhexyl) phthalate	0.36	U	0.36	0.019	mg/Kg	☼	10/10/25 08:26	10/11/25 01:16	1
Butyl benzyl phthalate	0.36	U	0.36	0.017	mg/Kg	☼	10/10/25 08:26	10/11/25 01:16	1
Caprolactam	0.36	U	0.36	0.057	mg/Kg	☼	10/10/25 08:26	10/11/25 01:16	1
Carbazole	0.36	U	0.36	0.014	mg/Kg	☼	10/10/25 08:26	10/11/25 01:16	1
Chrysene	**0.015**	**J**	0.36	0.015	mg/Kg	☼	10/10/25 08:26	10/11/25 01:16	1
Dibenz(a,h)anthracene	0.036	U	0.036	0.016	mg/Kg	☼	10/10/25 08:26	10/11/25 01:16	1
Dibenzofuran	0.36	U	0.36	0.012	mg/Kg	☼	10/10/25 08:26	10/11/25 01:16	1

Client Sample ID: 3B_0-7

Date Collected: 10/08/25 15:00
Date Received: 10/08/25 17:00

Lab Sample ID: 460-336761-15

Matrix: Solid
Percent Solids: 90.7

Method: SW846 8270E - Semivolatile Organic Compounds (GC/MS) (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Diethyl phthalate	0.36	U	0.36	0.012	mg/Kg	☼	10/10/25 08:26	10/11/25 01:16	1
Dimethyl phthalate	0.36	U	0.36	0.083	mg/Kg	☼	10/10/25 08:26	10/11/25 01:16	1
Di-n-butyl phthalate	0.36	U	0.36	0.014	mg/Kg	☼	10/10/25 08:26	10/11/25 01:16	1
Di-n-octyl phthalate	0.36	U	0.36	0.019	mg/Kg	☼	10/10/25 08:26	10/11/25 01:16	1
Fluoranthene	**0.021**	**J**	0.36	0.013	mg/Kg	☼	10/10/25 08:26	10/11/25 01:16	1
Fluorene	0.36	U	0.36	0.011	mg/Kg	☼	10/10/25 08:26	10/11/25 01:16	1
Hexachlorobenzene	0.036	U	0.036	0.017	mg/Kg	☼	10/10/25 08:26	10/11/25 01:16	1
Hexachlorobutadiene	0.074	U	0.074	0.0077	mg/Kg	☼	10/10/25 08:26	10/11/25 01:16	1
Hexachlorocyclopentadiene	0.36	U	0.36	0.032	mg/Kg	☼	10/10/25 08:26	10/11/25 01:16	1
Hexachloroethane	0.036	U	0.036	0.012	mg/Kg	☼	10/10/25 08:26	10/11/25 01:16	1
Indeno[1,2,3-cd]pyrene	**0.015**	**J**	0.036	0.014	mg/Kg	☼	10/10/25 08:26	10/11/25 01:16	1
Isophorone	0.15	U	0.15	0.11	mg/Kg	☼	10/10/25 08:26	10/11/25 01:16	1
Naphthalene	0.36	U	0.36	0.0063	mg/Kg	☼	10/10/25 08:26	10/11/25 01:16	1
Nitrobenzene	0.036	U	0.036	0.020	mg/Kg	☼	10/10/25 08:26	10/11/25 01:16	1
N-Nitrosodi-n-propylamine	0.036	U	0.036	0.026	mg/Kg	☼	10/10/25 08:26	10/11/25 01:16	1
N-Nitrosodiphenylamine	0.36	U	0.36	0.030	mg/Kg	☼	10/10/25 08:26	10/11/25 01:16	1
Pentachlorophenol	0.29	U	0.29	0.075	mg/Kg	☼	10/10/25 08:26	10/11/25 01:16	1
Phenanthrene	**0.024**	**J**	0.36	0.015	mg/Kg	☼	10/10/25 08:26	10/11/25 01:16	1
Phenol	0.36	U	0.36	0.013	mg/Kg	☼	10/10/25 08:26	10/11/25 01:16	1
Pyrene	**0.027**	**J**	0.36	0.0090	mg/Kg	☼	10/10/25 08:26	10/11/25 01:16	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
2,4,6-Tribromophenol (Surr)	*57*		*18 - 137*	*10/10/25 08:26*	*10/11/25 01:16*	*1*
2-Fluorobiphenyl	*60*		*33 - 117*	*10/10/25 08:26*	*10/11/25 01:16*	*1*
2-Fluorophenol (Surr)	*58*		*24 - 120*	*10/10/25 08:26*	*10/11/25 01:16*	*1*
Nitrobenzene-d5 (Surr)	*61*		*27 - 120*	*10/10/25 08:26*	*10/11/25 01:16*	*1*
Phenol-d5 (Surr)	*61*		*28 - 118*	*10/10/25 08:26*	*10/11/25 01:16*	*1*
Terphenyl-d14 (Surr)	*63*		*33 - 124*	*10/10/25 08:26*	*10/11/25 01:16*	*1*

Method: SW846 8081B - Organochlorine Pesticides (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
4,4'-DDD	0.0074	U	0.0074	0.0013	mg/Kg	☼	10/09/25 17:52	10/10/25 18:16	1
4,4'-DDE	0.0074	U	0.0074	0.00087	mg/Kg	☼	10/09/25 17:52	10/10/25 18:16	1
4,4'-DDT	0.0074	U	0.0074	0.0014	mg/Kg	☼	10/09/25 17:52	10/10/25 18:16	1
Aldrin	0.0074	U	0.0074	0.0011	mg/Kg	☼	10/09/25 17:52	10/10/25 18:16	1
alpha-BHC	0.0022	U	0.0022	0.00075	mg/Kg	☼	10/09/25 17:52	10/10/25 18:16	1
beta-BHC	0.0022	U	0.0022	0.00083	mg/Kg	☼	10/09/25 17:52	10/10/25 18:16	1
Chlordane (technical)	0.074	U	0.074	0.018	mg/Kg	☼	10/09/25 17:52	10/10/25 18:16	1
cis-Chlordane	0.0074	U	0.0074	0.0012	mg/Kg	☼	10/09/25 17:52	10/10/25 18:16	1
delta-BHC	0.0022	U	0.0022	0.00045	mg/Kg	☼	10/09/25 17:52	10/10/25 18:16	1
Dieldrin	0.0022	U	0.0022	0.00096	mg/Kg	☼	10/09/25 17:52	10/10/25 18:16	1
Endosulfan I	0.0074	U	0.0074	0.0011	mg/Kg	☼	10/09/25 17:52	10/10/25 18:16	1
Endosulfan II	0.0074	U	0.0074	0.0019	mg/Kg	☼	10/09/25 17:52	10/10/25 18:16	1
Endosulfan sulfate	0.0074	U	0.0074	0.00093	mg/Kg	☼	10/09/25 17:52	10/10/25 18:16	1
Endrin	0.0074	U	0.0074	0.0011	mg/Kg	☼	10/09/25 17:52	10/10/25 18:16	1
Endrin aldehyde	0.0074	U	0.0074	0.0017	mg/Kg	☼	10/09/25 17:52	10/10/25 18:16	1
Endrin ketone	0.0074	U	0.0074	0.0014	mg/Kg	☼	10/09/25 17:52	10/10/25 18:16	1
gamma-BHC (Lindane)	0.0022	U	0.0022	0.00068	mg/Kg	☼	10/09/25 17:52	10/10/25 18:16	1
Heptachlor	0.0074	U	0.0074	0.00087	mg/Kg	☼	10/09/25 17:52	10/10/25 18:16	1
Heptachlor epoxide	0.0074	U	0.0074	0.0011	mg/Kg	☼	10/09/25 17:52	10/10/25 18:16	1

Client Sample ID: 3B_0-7
Date Collected: 10/08/25 15:00
Date Received: 10/08/25 17:00

Lab Sample ID: 460-336761-15
Matrix: Solid
Percent Solids: 90.7

Method: SW846 8081B - Organochlorine Pesticides (GC) (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Methoxychlor	0.0074	U	0.0074	0.0017	mg/Kg	☼	10/09/25 17:52	10/10/25 18:16	1
Toxaphene	0.074	U	0.074	0.027	mg/Kg	☼	10/09/25 17:52	10/10/25 18:16	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
DCB Decachlorobiphenyl	*110*		*10 - 150*	*10/09/25 17:52*	*10/10/25 18:16*	*1*
DCB Decachlorobiphenyl	*109*		*10 - 150*	*10/09/25 17:52*	*10/10/25 18:16*	*1*
Tetrachloro-m-xylene	*94*		*14 - 150*	*10/09/25 17:52*	*10/10/25 18:16*	*1*
Tetrachloro-m-xylene	*92*		*14 - 150*	*10/09/25 17:52*	*10/10/25 18:16*	*1*

Method: SW846 8082A - Polychlorinated Biphenyls (PCBs) by Gas Chromatography

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Aroclor 1016	0.074	U	0.074	0.020	mg/Kg	☼	10/09/25 17:24	10/11/25 00:05	1
Aroclor 1221	0.074	U	0.074	0.020	mg/Kg	☼	10/09/25 17:24	10/11/25 00:05	1
Aroclor 1232	0.074	U	0.074	0.020	mg/Kg	☼	10/09/25 17:24	10/11/25 00:05	1
Aroclor 1242	0.074	U	0.074	0.020	mg/Kg	☼	10/09/25 17:24	10/11/25 00:05	1
Aroclor 1248	0.074	U	0.074	0.020	mg/Kg	☼	10/09/25 17:24	10/11/25 00:05	1
Aroclor 1254	0.074	U	0.074	0.020	mg/Kg	☼	10/09/25 17:24	10/11/25 00:05	1
Aroclor 1260	0.074	U	0.074	0.020	mg/Kg	☼	10/09/25 17:24	10/11/25 00:05	1
Aroclor-1262	0.074	U	0.074	0.020	mg/Kg	☼	10/09/25 17:24	10/11/25 00:05	1
Aroclor 1268	0.074	U	0.074	0.020	mg/Kg	☼	10/09/25 17:24	10/11/25 00:05	1
Polychlorinated biphenyls, Total	0.074	U	0.074	0.020	mg/Kg	☼	10/09/25 17:24	10/11/25 00:05	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
DCB Decachlorobiphenyl	*108*		*10 - 150*	*10/09/25 17:24*	*10/11/25 00:05*	*1*
DCB Decachlorobiphenyl	*120*		*10 - 150*	*10/09/25 17:24*	*10/11/25 00:05*	*1*
Tetrachloro-m-xylene	*95*		*10 - 150*	*10/09/25 17:24*	*10/11/25 00:05*	*1*
Tetrachloro-m-xylene	*99*		*10 - 150*	*10/09/25 17:24*	*10/11/25 00:05*	*1*

Method: EPA 1633A - Per- and Polyfluoroalkyl Substances by LC/MS/MS, 1633A

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Perfluorobutanoic acid (PFBA)	0.40	U	0.40	0.099	ug/Kg	☼	10/15/25 07:11	10/16/25 13:14	1
Perfluoropentanoic acid (PFPeA)	0.20	U	0.20	0.099	ug/Kg	☼	10/15/25 07:11	10/16/25 13:14	1
Perfluorohexanoic acid (PFHxA)	0.20	U	0.20	0.099	ug/Kg	☼	10/15/25 07:11	10/16/25 13:14	1
Perfluoroheptanoic acid (PFHpA)	0.20	U	0.20	0.099	ug/Kg	☼	10/15/25 07:11	10/16/25 13:14	1
Perfluorooctanoic acid (PFOA)	**0.070**	**J**	0.20	0.060	ug/Kg	☼	10/15/25 07:11	10/16/25 13:14	1
Perfluorononanoic acid (PFNA)	**0.12**	**J**	0.20	0.099	ug/Kg	☼	10/15/25 07:11	10/16/25 13:14	1
Perfluorodecanoic acid (PFDA)	**0.096**	**J**	0.20	0.060	ug/Kg	☼	10/15/25 07:11	10/16/25 13:14	1
Perfluoroundecanoic acid (PFUnA)	**2.30**		0.20	0.099	ug/Kg	☼	10/15/25 07:11	10/16/25 13:14	1
Perfluorododecanoic acid (PFDoA)	**0.18**	**J**	0.20	0.099	ug/Kg	☼	10/15/25 07:11	10/16/25 13:14	1
Perfluorotridecanoic acid (PFTrDA)	**2.69**		0.20	0.099	ug/Kg	☼	10/15/25 07:11	10/16/25 13:14	1
Perfluorotetradecanoic acid (PFTeDA)	0.20	U	0.20	0.099	ug/Kg	☼	10/15/25 07:11	10/16/25 13:14	1
Perfluorobutanesulfonic acid (PFBS)	0.20	U	0.20	0.099	ug/Kg	☼	10/15/25 07:11	10/16/25 13:14	1
Perfluoropentanesulfonic acid (PFPeS)	0.20	U	0.20	0.099	ug/Kg	☼	10/15/25 07:11	10/16/25 13:14	1
Perfluorohexanesulfonic acid (PFHxS)	0.20	U	0.20	0.099	ug/Kg	☼	10/15/25 07:11	10/16/25 13:14	1
Perfluoroheptanesulfonic acid (PFHpS)	0.20	U	0.20	0.099	ug/Kg	☼	10/15/25 07:11	10/16/25 13:14	1
Perfluorooctanesulfonic acid (PFOS)	0.20	U	0.20	0.099	ug/Kg	☼	10/15/25 07:11	10/16/25 13:14	1
Perfluorononanesulfonic acid (PFNS)	0.20	U	0.20	0.099	ug/Kg	☼	10/15/25 07:11	10/16/25 13:14	1

Client Sample ID: 3B_0-7
Date Collected: 10/08/25 15:00
Date Received: 10/08/25 17:00

Lab Sample ID: 460-336761-15
Matrix: Solid
Percent Solids: 90.7

Method: EPA 1633A - Per- and Polyfluoroalkyl Substances by LC/MS/MS, 1633A (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Perfluorodecanesulfonic acid (PFDS)	0.20	U	0.20	0.099	ug/Kg	☼	10/15/25 07:11	10/16/25 13:14	1
Perfluorododecanesulfonic acid (PFDoS)	0.20	U	0.20	0.099	ug/Kg	☼	10/15/25 07:11	10/16/25 13:14	1
1H,1H,2H,2H-Perfluorohexane sulfonic acid (4:2 FTS)	0.40	U	0.40	0.20	ug/Kg	☼	10/15/25 07:11	10/16/25 13:14	1
1H,1H,2H,2H-Perfluorooctane sulfonic acid (6:2 FTS)	0.40	U	0.40	0.20	ug/Kg	☼	10/15/25 07:11	10/16/25 13:14	1
1H,1H,2H,2H-Perfluorodecane sulfonic acid (8:2 FTS)	**0.91**		0.40	0.20	ug/Kg	☼	10/15/25 07:11	10/16/25 13:14	1
Perfluorooctanesulfonamide (PFOSA)	0.20	U	0.20	0.099	ug/Kg	☼	10/15/25 07:11	10/16/25 13:14	1
N-methylperfluorooctane sulfonamide (NMeFOSA)	0.20	U	0.20	0.099	ug/Kg	☼	10/15/25 07:11	10/16/25 13:14	1
N-ethylperfluorooctane sulfonamide (NEtFOSA)	0.20	U	0.20	0.099	ug/Kg	☼	10/15/25 07:11	10/16/25 13:14	1
N-methylperfluorooctanesulfonamidoacetic acid (NMeFOSAA)	0.20	U	0.20	0.099	ug/Kg	☼	10/15/25 07:11	10/16/25 13:14	1
N-ethylperfluorooctanesulfonamidoacetic acid (NEtFOSAA)	0.20	U	0.20	0.099	ug/Kg	☼	10/15/25 07:11	10/16/25 13:14	1
N-methylperfluorooctane sulfonamidoethanol (NMeFOSE)	0.99	U	0.99	0.50	ug/Kg	☼	10/15/25 07:11	10/16/25 13:14	1
N-ethylperfluorooctane sulfonamidoethanol (NEtFOSE)	0.99	U	0.99	0.50	ug/Kg	☼	10/15/25 07:11	10/16/25 13:14	1
Hexafluoropropylene Oxide Dimer Acid (HFPO-DA)	0.20	U	0.20	0.099	ug/Kg	☼	10/15/25 07:11	10/16/25 13:14	1
4,8-Dioxa-3H-perfluorononanoic acid (ADONA)	0.20	U	0.20	0.099	ug/Kg	☼	10/15/25 07:11	10/16/25 13:14	1
Perfluoro-3-methoxypropanoic acid (PFMPA)	0.20	U	0.20	0.099	ug/Kg	☼	10/15/25 07:11	10/16/25 13:14	1
Perfluoro-4-methoxybutanoic acid (PFMBA)	0.20	U	0.20	0.099	ug/Kg	☼	10/15/25 07:11	10/16/25 13:14	1
Nonafluoro-3,6-dioxaheptanoic acid (NFDHA)	0.20	U	0.20	0.099	ug/Kg	☼	10/15/25 07:11	10/16/25 13:14	1
9-Chlorohexadecafluoro-3-oxanonane-1-sulfonic acid (9Cl-PF3ONS)	0.20	U	0.20	0.099	ug/Kg	☼	10/15/25 07:11	10/16/25 13:14	1
11-Chloroeicosafluoro-3-oxaundecane-1-sulfonic acid (11Cl-PF3OUdS)	0.20	U	0.20	0.099	ug/Kg	☼	10/15/25 07:11	10/16/25 13:14	1
Perfluoro (2-ethoxyethane) sulfonic acid (PFEESA)	0.20	U	0.20	0.099	ug/Kg	☼	10/15/25 07:11	10/16/25 13:14	1
3-Perfluoropropylpropanoic acid (3:3 FTCA)	0.40	U	0.40	0.20	ug/Kg	☼	10/15/25 07:11	10/16/25 13:14	1
3-Perfluoropentylpropanoic acid (5:3 FTCA)	0.99	U	0.99	0.50	ug/Kg	☼	10/15/25 07:11	10/16/25 13:14	1
3-Perfluoroheptylpropanoic acid (7:3 FTCA)	0.99	U	0.99	0.50	ug/Kg	☼	10/15/25 07:11	10/16/25 13:14	1

Isotope Dilution	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
13C4 PFBA	*82.8*		*8 - 130*	*10/15/25 07:11*	*10/16/25 13:14*	*1*
13C5 PFPeA	*80.3*		*35 - 130*	*10/15/25 07:11*	*10/16/25 13:14*	*1*
13C5 PFHxA	*84.5*		*40 - 130*	*10/15/25 07:11*	*10/16/25 13:14*	*1*
13C4 PFHpA	*87.0*		*40 - 130*	*10/15/25 07:11*	*10/16/25 13:14*	*1*
13C8 PFOA	*86.1*		*40 - 130*	*10/15/25 07:11*	*10/16/25 13:14*	*1*
13C9 PFNA	*89.7*		*40 - 130*	*10/15/25 07:11*	*10/16/25 13:14*	*1*
13C6 PFDA	*83.9*		*40 - 130*	*10/15/25 07:11*	*10/16/25 13:14*	*1*
13C7 PFUnA	*82.9*		*40 - 130*	*10/15/25 07:11*	*10/16/25 13:14*	*1*
13C2 PFTeDA	*70.5*		*20 - 130*	*10/15/25 07:11*	*10/16/25 13:14*	*1*

Client Sample ID: 3B_0-7

Date Collected: 10/08/25 15:00
Date Received: 10/08/25 17:00

Lab Sample ID: 460-336761-15

Matrix: Solid
Percent Solids: 90.7

Method: EPA 1633A - Per- and Polyfluoroalkyl Substances by LC/MS/MS, 1633A (Continued)

Isotope Dilution	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
13C3 PFBS	78.9		40 - 135	10/15/25 07:11	10/16/25 13:14	1
13C3 PFHxS	76.7		40 - 130	10/15/25 07:11	10/16/25 13:14	1
13C8 PFOS	78.5		40 - 130	10/15/25 07:11	10/16/25 13:14	1
13C8 FOSA	68.6		40 - 130	10/15/25 07:11	10/16/25 13:14	1
d3-NMeFOSAA	80.1		40 - 135	10/15/25 07:11	10/16/25 13:14	1
d5-NEtFOSAA	82.8		40 - 150	10/15/25 07:11	10/16/25 13:14	1
13C2 4:2 FTS	119		40 - 165	10/15/25 07:11	10/16/25 13:14	1
13C2 6:2 FTS	113		40 - 215	10/15/25 07:11	10/16/25 13:14	1
13C2 8:2 FTS	88.9		40 - 275	10/15/25 07:11	10/16/25 13:14	1
13C3 HFPO-DA	83.7		40 - 130	10/15/25 07:11	10/16/25 13:14	1
d7-N-MeFOSE-M	56.7		20 - 130	10/15/25 07:11	10/16/25 13:14	1
d9-N-EtFOSE-M	51.8		15 - 130	10/15/25 07:11	10/16/25 13:14	1
d5-NEtPFOSA	63.6		10 - 130	10/15/25 07:11	10/16/25 13:14	1
d3-NMePFOSA	69.6		10 - 130	10/15/25 07:11	10/16/25 13:14	1
13C2 PFDoA	77.2		40 - 130	10/15/25 07:11	10/16/25 13:14	1

Method: SW846 6020B - Metals (ICP/MS)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Aluminum	6300		16.2	4.5	mg/Kg	☼	10/12/25 19:15	10/13/25 15:13	1
Antimony	1.0		0.81	0.12	mg/Kg	☼	10/12/25 19:15	10/13/25 15:13	1
Arsenic	4.5		0.81	0.084	mg/Kg	☼	10/12/25 19:15	10/13/25 15:13	1
Barium	30.4		1.6	0.12	mg/Kg	☼	10/12/25 19:15	10/13/25 15:13	1
Beryllium	0.50		0.32	0.018	mg/Kg	☼	10/12/25 19:15	10/13/25 15:13	1
Cadmium	0.17	J	0.81	0.092	mg/Kg	☼	10/12/25 19:15	10/13/25 15:13	1
Calcium	2060		81.1	7.9	mg/Kg	☼	10/12/25 19:15	10/13/25 15:13	1
Chromium	14.0		1.6	0.24	mg/Kg	☼	10/12/25 19:15	10/13/25 15:13	1
Cobalt	5.9		0.81	0.12	mg/Kg	☼	10/12/25 19:15	10/13/25 15:13	1
Copper	34.6		1.6	0.30	mg/Kg	☼	10/12/25 19:15	10/13/25 15:13	1
Iron	18500		48.7	6.2	mg/Kg	☼	10/12/25 19:15	10/13/25 15:13	1
Lead	96.6		0.49	0.16	mg/Kg	☼	10/12/25 19:15	10/13/25 15:13	1
Magnesium	2910		81.1	8.3	mg/Kg	☼	10/12/25 19:15	10/13/25 15:13	1
Manganese	200		3.2	0.33	mg/Kg	☼	10/12/25 19:15	10/13/25 15:13	1
Nickel	16.1		1.6	0.14	mg/Kg	☼	10/12/25 19:15	10/13/25 15:13	1
Potassium	1800		81.1	13.1	mg/Kg	☼	10/12/25 19:15	10/13/25 15:13	1
Selenium	0.23	J	1.0	0.10	mg/Kg	☼	10/12/25 19:15	10/13/25 15:13	1
Silver	0.12	J	0.32	0.072	mg/Kg	☼	10/12/25 19:15	10/13/25 15:13	1
Sodium	59.8	J	81.1	37.1	mg/Kg	☼	10/12/25 19:15	10/13/25 15:13	1
Thallium	0.10	J	0.32	0.033	mg/Kg	☼	10/12/25 19:15	10/13/25 15:13	1
Vanadium	16.9		1.6	0.17	mg/Kg	☼	10/12/25 19:15	10/13/25 15:13	1
Zinc	90.9		6.5	0.88	mg/Kg	☼	10/12/25 19:15	10/13/25 15:13	1

Method: SW846 7471B - Mercury (CVAA)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	0.034		0.018	0.0083	mg/Kg	☼	10/17/25 05:53	10/17/25 13:01	1

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Percent Moisture (EPA Moisture)	9.3		1.0	1.0	%			10/09/25 15:55	1
Percent Solids (EPA Moisture)	90.7		1.0	1.0	%			10/09/25 15:55	1

Client Sample ID: 3B_7-14
Date Collected: 10/08/25 15:05
Date Received: 10/08/25 17:00

Lab Sample ID: 460-336761-16
Matrix: Solid
Percent Solids: 88.7

Method: SW846 8270E - Semivolatile Organic Compounds (GC/MS)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1'-Biphenyl	0.37	U	0.37	0.013	mg/Kg	☼	10/10/25 08:26	10/11/25 01:38	1
1,2,4,5-Tetrachlorobenzene	0.37	U	0.37	0.012	mg/Kg	☼	10/10/25 08:26	10/11/25 01:38	1
1,4-Dioxane	0.037	U	0.037	0.033	mg/Kg	☼	10/10/25 08:26	10/11/25 01:38	1
2,2'-oxybis[1-chloropropane]	0.37	U	0.37	0.022	mg/Kg	☼	10/10/25 08:26	10/11/25 01:38	1
2,3,4,6-Tetrachlorophenol	0.37	U	0.37	0.025	mg/Kg	☼	10/10/25 08:26	10/11/25 01:38	1
2,4,5-Trichlorophenol	0.37	U	0.37	0.038	mg/Kg	☼	10/10/25 08:26	10/11/25 01:38	1
2,4,6-Trichlorophenol	0.15	U	0.15	0.048	mg/Kg	☼	10/10/25 08:26	10/11/25 01:38	1
2,4-Dichlorophenol	0.15	U	0.15	0.024	mg/Kg	☼	10/10/25 08:26	10/11/25 01:38	1
2,4-Dimethylphenol	0.37	U	0.37	0.044	mg/Kg	☼	10/10/25 08:26	10/11/25 01:38	1
2,4-Dinitrophenol	0.30	U	0.30	0.18	mg/Kg	☼	10/10/25 08:26	10/11/25 01:38	1
2,4-Dinitrotoluene	0.075	U	0.075	0.040	mg/Kg	☼	10/10/25 08:26	10/11/25 01:38	1
2,6-Dinitrotoluene	0.075	U	0.075	0.027	mg/Kg	☼	10/10/25 08:26	10/11/25 01:38	1
2-Chloronaphthalene	0.37	U	0.37	0.048	mg/Kg	☼	10/10/25 08:26	10/11/25 01:38	1
2-Chlorophenol	0.37	U	0.37	0.013	mg/Kg	☼	10/10/25 08:26	10/11/25 01:38	1
2-Methylnaphthalene	0.37	U	0.37	0.010	mg/Kg	☼	10/10/25 08:26	10/11/25 01:38	1
2-Methylphenol	0.37	U	0.37	0.014	mg/Kg	☼	10/10/25 08:26	10/11/25 01:38	1
2-Nitroaniline	0.37	U	0.37	0.028	mg/Kg	☼	10/10/25 08:26	10/11/25 01:38	1
2-Nitrophenol	0.37	U	0.37	0.037	mg/Kg	☼	10/10/25 08:26	10/11/25 01:38	1
3 & 4 Methylphenol	0.37	U	0.37	0.023	mg/Kg	☼	10/10/25 08:26	10/11/25 01:38	1
3,3'-Dichlorobenzidine	0.15	U	0.15	0.056	mg/Kg	☼	10/10/25 08:26	10/11/25 01:38	1
3-Nitroaniline	0.37	U	0.37	0.088	mg/Kg	☼	10/10/25 08:26	10/11/25 01:38	1
4,6-Dinitro-2-methylphenol	0.30	U	0.30	0.15	mg/Kg	☼	10/10/25 08:26	10/11/25 01:38	1
4-Bromophenyl phenyl ether	0.37	U	0.37	0.015	mg/Kg	☼	10/10/25 08:26	10/11/25 01:38	1
4-Chloro-3-methylphenol	0.37	U	0.37	0.021	mg/Kg	☼	10/10/25 08:26	10/11/25 01:38	1
4-Chloroaniline	0.37	U	0.37	0.066	mg/Kg	☼	10/10/25 08:26	10/11/25 01:38	1
4-Chlorophenyl phenyl ether	0.37	U	0.37	0.013	mg/Kg	☼	10/10/25 08:26	10/11/25 01:38	1
4-Methylphenol	0.37	U	0.37	0.023	mg/Kg	☼	10/10/25 08:26	10/11/25 01:38	1
4-Nitroaniline	0.37	U	0.37	0.094	mg/Kg	☼	10/10/25 08:26	10/11/25 01:38	1
4-Nitrophenol	0.75	U	0.75	0.061	mg/Kg	☼	10/10/25 08:26	10/11/25 01:38	1
Acenaphthene	0.37	U	0.37	0.011	mg/Kg	☼	10/10/25 08:26	10/11/25 01:38	1
Acenaphthylene	0.37	U	0.37	0.011	mg/Kg	☼	10/10/25 08:26	10/11/25 01:38	1
Acetophenone	0.37	U	0.37	0.018	mg/Kg	☼	10/10/25 08:26	10/11/25 01:38	1
Anthracene	0.37	U	0.37	0.011	mg/Kg	☼	10/10/25 08:26	10/11/25 01:38	1
Atrazine	0.15	U	0.15	0.022	mg/Kg	☼	10/10/25 08:26	10/11/25 01:38	1
Benzaldehyde	0.37	U	0.37	0.062	mg/Kg	☼	10/10/25 08:26	10/11/25 01:38	1
Benzo[a]anthracene	0.037	U	0.037	0.028	mg/Kg	☼	10/10/25 08:26	10/11/25 01:38	1
Benzo[a]pyrene	0.037	U	0.037	0.0099	mg/Kg	☼	10/10/25 08:26	10/11/25 01:38	1
Benzo[b]fluoranthene	0.037	U	0.037	0.0096	mg/Kg	☼	10/10/25 08:26	10/11/25 01:38	1
Benzo[g,h,i]perylene	0.37	U	0.37	0.011	mg/Kg	☼	10/10/25 08:26	10/11/25 01:38	1
Benzo[k]fluoranthene	0.037	U	0.037	0.0073	mg/Kg	☼	10/10/25 08:26	10/11/25 01:38	1
Bis(2-chloroethoxy)methane	0.37	U	0.37	0.069	mg/Kg	☼	10/10/25 08:26	10/11/25 01:38	1
Bis(2-chloroethyl)ether	0.037	U	0.037	0.013	mg/Kg	☼	10/10/25 08:26	10/11/25 01:38	1
Bis(2-ethylhexyl) phthalate	0.37	U	0.37	0.020	mg/Kg	☼	10/10/25 08:26	10/11/25 01:38	1
Butyl benzyl phthalate	0.37	U	0.37	0.017	mg/Kg	☼	10/10/25 08:26	10/11/25 01:38	1
Caprolactam	0.37	U	0.37	0.058	mg/Kg	☼	10/10/25 08:26	10/11/25 01:38	1
Carbazole	0.37	U	0.37	0.014	mg/Kg	☼	10/10/25 08:26	10/11/25 01:38	1
Chrysene	0.37	U	0.37	0.016	mg/Kg	☼	10/10/25 08:26	10/11/25 01:38	1
Dibenz(a,h)anthracene	0.037	U	0.037	0.016	mg/Kg	☼	10/10/25 08:26	10/11/25 01:38	1
Dibenzofuran	0.37	U	0.37	0.012	mg/Kg	☼	10/10/25 08:26	10/11/25 01:38	1

Client Sample ID: 3B_7-14
Date Collected: 10/08/25 15:05
Date Received: 10/08/25 17:00

Lab Sample ID: 460-336761-16
Matrix: Solid
Percent Solids: 88.7

Method: SW846 8270E - Semivolatile Organic Compounds (GC/MS) (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Diethyl phthalate	0.37	U	0.37	0.012	mg/Kg	☼	10/10/25 08:26	10/11/25 01:38	1
Dimethyl phthalate	0.37	U	0.37	0.085	mg/Kg	☼	10/10/25 08:26	10/11/25 01:38	1
Di-n-butyl phthalate	0.37	U	0.37	0.014	mg/Kg	☼	10/10/25 08:26	10/11/25 01:38	1
Di-n-octyl phthalate	0.37	U	0.37	0.020	mg/Kg	☼	10/10/25 08:26	10/11/25 01:38	1
Fluoranthene	0.37	U	0.37	0.013	mg/Kg	☼	10/10/25 08:26	10/11/25 01:38	1
Fluorene	0.37	U	0.37	0.011	mg/Kg	☼	10/10/25 08:26	10/11/25 01:38	1
Hexachlorobenzene	0.037	U	0.037	0.018	mg/Kg	☼	10/10/25 08:26	10/11/25 01:38	1
Hexachlorobutadiene	0.075	U	0.075	0.0079	mg/Kg	☼	10/10/25 08:26	10/11/25 01:38	1
Hexachlorocyclopentadiene	0.37	U	0.37	0.033	mg/Kg	☼	10/10/25 08:26	10/11/25 01:38	1
Hexachloroethane	0.037	U	0.037	0.013	mg/Kg	☼	10/10/25 08:26	10/11/25 01:38	1
Indeno[1,2,3-cd]pyrene	0.037	U	0.037	0.015	mg/Kg	☼	10/10/25 08:26	10/11/25 01:38	1
Isophorone	0.15	U	0.15	0.11	mg/Kg	☼	10/10/25 08:26	10/11/25 01:38	1
Naphthalene	0.37	U	0.37	0.0064	mg/Kg	☼	10/10/25 08:26	10/11/25 01:38	1
Nitrobenzene	0.037	U	0.037	0.021	mg/Kg	☼	10/10/25 08:26	10/11/25 01:38	1
N-Nitrosodi-n-propylamine	0.037	U	0.037	0.027	mg/Kg	☼	10/10/25 08:26	10/11/25 01:38	1
N-Nitrosodiphenylamine	0.37	U	0.37	0.031	mg/Kg	☼	10/10/25 08:26	10/11/25 01:38	1
Pentachlorophenol	0.30	U	0.30	0.076	mg/Kg	☼	10/10/25 08:26	10/11/25 01:38	1
Phenanthrene	0.37	U	0.37	0.015	mg/Kg	☼	10/10/25 08:26	10/11/25 01:38	1
Phenol	0.37	U	0.37	0.014	mg/Kg	☼	10/10/25 08:26	10/11/25 01:38	1
Pyrene	0.37	U	0.37	0.0093	mg/Kg	☼	10/10/25 08:26	10/11/25 01:38	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
2,4,6-Tribromophenol (Surr)	*53*		*18 - 137*	*10/10/25 08:26*	*10/11/25 01:38*	*1*
2-Fluorobiphenyl	*56*		*33 - 117*	*10/10/25 08:26*	*10/11/25 01:38*	*1*
2-Fluorophenol (Surr)	*50*		*24 - 120*	*10/10/25 08:26*	*10/11/25 01:38*	*1*
Nitrobenzene-d5 (Surr)	*52*		*27 - 120*	*10/10/25 08:26*	*10/11/25 01:38*	*1*
Phenol-d5 (Surr)	*56*		*28 - 118*	*10/10/25 08:26*	*10/11/25 01:38*	*1*
Terphenyl-d14 (Surr)	*59*		*33 - 124*	*10/10/25 08:26*	*10/11/25 01:38*	*1*

Method: SW846 8081B - Organochlorine Pesticides (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
4,4'-DDD	0.0076	U	0.0076	0.0013	mg/Kg	☼	10/09/25 17:52	10/10/25 18:29	1
4,4'-DDE	0.0076	U	0.0076	0.00089	mg/Kg	☼	10/09/25 17:52	10/10/25 18:29	1
4,4'-DDT	0.0076	U	0.0076	0.0014	mg/Kg	☼	10/09/25 17:52	10/10/25 18:29	1
Aldrin	0.0076	U	0.0076	0.0011	mg/Kg	☼	10/09/25 17:52	10/10/25 18:29	1
alpha-BHC	0.0023	U	0.0023	0.00077	mg/Kg	☼	10/09/25 17:52	10/10/25 18:29	1
beta-BHC	0.0023	U	0.0023	0.00085	mg/Kg	☼	10/09/25 17:52	10/10/25 18:29	1
Chlordane (technical)	0.076	U	0.076	0.018	mg/Kg	☼	10/09/25 17:52	10/10/25 18:29	1
cis-Chlordane	0.0076	U	0.0076	0.0012	mg/Kg	☼	10/09/25 17:52	10/10/25 18:29	1
delta-BHC	0.0023	U	0.0023	0.00046	mg/Kg	☼	10/09/25 17:52	10/10/25 18:29	1
Dieldrin	0.0023	U	0.0023	0.00098	mg/Kg	☼	10/09/25 17:52	10/10/25 18:29	1
Endosulfan I	0.0076	U	0.0076	0.0012	mg/Kg	☼	10/09/25 17:52	10/10/25 18:29	1
Endosulfan II	0.0076	U	0.0076	0.0019	mg/Kg	☼	10/09/25 17:52	10/10/25 18:29	1
Endosulfan sulfate	0.0076	U	0.0076	0.00095	mg/Kg	☼	10/09/25 17:52	10/10/25 18:29	1
Endrin	0.0076	U	0.0076	0.0011	mg/Kg	☼	10/09/25 17:52	10/10/25 18:29	1
Endrin aldehyde	0.0076	U	0.0076	0.0018	mg/Kg	☼	10/09/25 17:52	10/10/25 18:29	1
Endrin ketone	0.0076	U	0.0076	0.0015	mg/Kg	☼	10/09/25 17:52	10/10/25 18:29	1
gamma-BHC (Lindane)	0.0023	U	0.0023	0.00070	mg/Kg	☼	10/09/25 17:52	10/10/25 18:29	1
Heptachlor	0.0076	U	0.0076	0.00089	mg/Kg	☼	10/09/25 17:52	10/10/25 18:29	1
Heptachlor epoxide	0.0076	U	0.0076	0.0011	mg/Kg	☼	10/09/25 17:52	10/10/25 18:29	1

Client Sample ID: 3B_7-14
Date Collected: 10/08/25 15:05
Date Received: 10/08/25 17:00

Lab Sample ID: 460-336761-16
Matrix: Solid
Percent Solids: 88.7

Method: SW846 8081B - Organochlorine Pesticides (GC) (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Methoxychlor	0.0076	U	0.0076	0.0017	mg/Kg	☼	10/09/25 17:52	10/10/25 18:29	1
Toxaphene	0.076	U	0.076	0.027	mg/Kg	☼	10/09/25 17:52	10/10/25 18:29	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
DCB Decachlorobiphenyl	*113*		*10 - 150*	*10/09/25 17:52*	*10/10/25 18:29*	*1*
DCB Decachlorobiphenyl	*112*		*10 - 150*	*10/09/25 17:52*	*10/10/25 18:29*	*1*
Tetrachloro-m-xylene	*95*		*14 - 150*	*10/09/25 17:52*	*10/10/25 18:29*	*1*
Tetrachloro-m-xylene	*94*		*14 - 150*	*10/09/25 17:52*	*10/10/25 18:29*	*1*

Method: SW846 8082A - Polychlorinated Biphenyls (PCBs) by Gas Chromatography

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Aroclor 1016	0.076	U	0.076	0.020	mg/Kg	☼	10/09/25 17:24	10/11/25 00:23	1
Aroclor 1221	0.076	U	0.076	0.020	mg/Kg	☼	10/09/25 17:24	10/11/25 00:23	1
Aroclor 1232	0.076	U	0.076	0.020	mg/Kg	☼	10/09/25 17:24	10/11/25 00:23	1
Aroclor 1242	0.076	U	0.076	0.020	mg/Kg	☼	10/09/25 17:24	10/11/25 00:23	1
Aroclor 1248	0.076	U	0.076	0.020	mg/Kg	☼	10/09/25 17:24	10/11/25 00:23	1
Aroclor 1254	0.076	U	0.076	0.020	mg/Kg	☼	10/09/25 17:24	10/11/25 00:23	1
Aroclor 1260	0.076	U	0.076	0.020	mg/Kg	☼	10/09/25 17:24	10/11/25 00:23	1
Aroclor-1262	0.076	U	0.076	0.020	mg/Kg	☼	10/09/25 17:24	10/11/25 00:23	1
Aroclor 1268	0.076	U	0.076	0.020	mg/Kg	☼	10/09/25 17:24	10/11/25 00:23	1
Polychlorinated biphenyls, Total	0.076	U	0.076	0.020	mg/Kg	☼	10/09/25 17:24	10/11/25 00:23	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
DCB Decachlorobiphenyl	*100*		*10 - 150*	*10/09/25 17:24*	*10/11/25 00:23*	*1*
DCB Decachlorobiphenyl	*115*		*10 - 150*	*10/09/25 17:24*	*10/11/25 00:23*	*1*
Tetrachloro-m-xylene	*86*		*10 - 150*	*10/09/25 17:24*	*10/11/25 00:23*	*1*
Tetrachloro-m-xylene	*92*		*10 - 150*	*10/09/25 17:24*	*10/11/25 00:23*	*1*

Method: EPA 1633A - Per- and Polyfluoroalkyl Substances by LC/MS/MS, 1633A

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Perfluorobutanoic acid (PFBA)	0.40	U	0.40	0.099	ug/Kg	☼	10/15/25 07:11	10/16/25 13:28	1
Perfluoropentanoic acid (PFPeA)	0.20	U	0.20	0.099	ug/Kg	☼	10/15/25 07:11	10/16/25 13:28	1
Perfluorohexanoic acid (PFHxA)	0.20	U	0.20	0.099	ug/Kg	☼	10/15/25 07:11	10/16/25 13:28	1
Perfluoroheptanoic acid (PFHpA)	0.20	U	0.20	0.099	ug/Kg	☼	10/15/25 07:11	10/16/25 13:28	1
Perfluorooctanoic acid (PFOA)	**0.066**	**J**	0.20	0.059	ug/Kg	☼	10/15/25 07:11	10/16/25 13:28	1
Perfluorononanoic acid (PFNA)	**0.13**	**J**	0.20	0.099	ug/Kg	☼	10/15/25 07:11	10/16/25 13:28	1
Perfluorodecanoic acid (PFDA)	0.20	U	0.20	0.059	ug/Kg	☼	10/15/25 07:11	10/16/25 13:28	1
Perfluoroundecanoic acid (PFUnA)	**0.63**		0.20	0.099	ug/Kg	☼	10/15/25 07:11	10/16/25 13:28	1
Perfluorododecanoic acid (PFDoA)	0.20	U	0.20	0.099	ug/Kg	☼	10/15/25 07:11	10/16/25 13:28	1
Perfluorotridecanoic acid (PFTrDA)	**1.97**		0.20	0.099	ug/Kg	☼	10/15/25 07:11	10/16/25 13:28	1
Perfluorotetradecanoic acid (PFTeDA)	0.20	U	0.20	0.099	ug/Kg	☼	10/15/25 07:11	10/16/25 13:28	1
Perfluorobutanesulfonic acid (PFBS)	0.20	U	0.20	0.099	ug/Kg	☼	10/15/25 07:11	10/16/25 13:28	1
Perfluoropentanesulfonic acid (PFPeS)	0.20	U	0.20	0.099	ug/Kg	☼	10/15/25 07:11	10/16/25 13:28	1
Perfluorohexanesulfonic acid (PFHxS)	0.20	U	0.20	0.099	ug/Kg	☼	10/15/25 07:11	10/16/25 13:28	1
Perfluoroheptanesulfonic acid (PFHpS)	0.20	U	0.20	0.099	ug/Kg	☼	10/15/25 07:11	10/16/25 13:28	1
Perfluorooctanesulfonic acid (PFOS)	0.20	U	0.20	0.099	ug/Kg	☼	10/15/25 07:11	10/16/25 13:28	1
Perfluorononanesulfonic acid (PFNS)	0.20	U	0.20	0.099	ug/Kg	☼	10/15/25 07:11	10/16/25 13:28	1

Client Sample ID: 3B_7-14
Date Collected: 10/08/25 15:05
Date Received: 10/08/25 17:00

Lab Sample ID: 460-336761-16
Matrix: Solid
Percent Solids: 88.7

Method: EPA 1633A - Per- and Polyfluoroalkyl Substances by LC/MS/MS, 1633A (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Perfluorodecanesulfonic acid (PFDS)	0.20	U	0.20	0.099	ug/Kg	☼	10/15/25 07:11	10/16/25 13:28	1
Perfluorododecanesulfonic acid (PFDoS)	0.20	U	0.20	0.099	ug/Kg	☼	10/15/25 07:11	10/16/25 13:28	1
1H,1H,2H,2H-Perfluorohexane sulfonic acid (4:2 FTS)	0.40	U	0.40	0.20	ug/Kg	☼	10/15/25 07:11	10/16/25 13:28	1
1H,1H,2H,2H-Perfluorooctane sulfonic acid (6:2 FTS)	0.40	U	0.40	0.20	ug/Kg	☼	10/15/25 07:11	10/16/25 13:28	1
1H,1H,2H,2H-Perfluorodecane sulfonic acid (8:2 FTS)	**1.05**		0.40	0.20	ug/Kg	☼	10/15/25 07:11	10/16/25 13:28	1
Perfluorooctanesulfonamide (PFOSA)	0.20	U	0.20	0.099	ug/Kg	☼	10/15/25 07:11	10/16/25 13:28	1
N-methylperfluorooctane sulfonamide (NMeFOSA)	0.20	U	0.20	0.099	ug/Kg	☼	10/15/25 07:11	10/16/25 13:28	1
N-ethylperfluorooctane sulfonamide (NEtFOSA)	0.20	U	0.20	0.099	ug/Kg	☼	10/15/25 07:11	10/16/25 13:28	1
N-methylperfluorooctanesulfonamidoacetic acid (NMeFOSAA)	0.20	U	0.20	0.099	ug/Kg	☼	10/15/25 07:11	10/16/25 13:28	1
N-ethylperfluorooctanesulfonamidoacetic acid (NEtFOSAA)	0.20	U	0.20	0.099	ug/Kg	☼	10/15/25 07:11	10/16/25 13:28	1
N-methylperfluorooctane sulfonamidoethanol (NMeFOSE)	0.99	U	0.99	0.49	ug/Kg	☼	10/15/25 07:11	10/16/25 13:28	1
N-ethylperfluorooctane sulfonamidoethanol (NEtFOSE)	0.99	U	0.99	0.49	ug/Kg	☼	10/15/25 07:11	10/16/25 13:28	1
Hexafluoropropylene Oxide Dimer Acid (HFPO-DA)	0.20	U	0.20	0.099	ug/Kg	☼	10/15/25 07:11	10/16/25 13:28	1
4,8-Dioxa-3H-perfluorononanoic acid (ADONA)	0.20	U	0.20	0.099	ug/Kg	☼	10/15/25 07:11	10/16/25 13:28	1
Perfluoro-3-methoxypropanoic acid (PFMPA)	0.20	U	0.20	0.099	ug/Kg	☼	10/15/25 07:11	10/16/25 13:28	1
Perfluoro-4-methoxybutanoic acid (PFMBA)	0.20	U	0.20	0.099	ug/Kg	☼	10/15/25 07:11	10/16/25 13:28	1
Nonafluoro-3,6-dioxaheptanoic acid (NFDHA)	0.20	U	0.20	0.099	ug/Kg	☼	10/15/25 07:11	10/16/25 13:28	1
9-Chlorohexadecafluoro-3-oxanonane-1-sulfonic acid (9Cl-PF3ONS)	0.20	U	0.20	0.099	ug/Kg	☼	10/15/25 07:11	10/16/25 13:28	1
11-Chloroeicosafluoro-3-oxaundecane-1-sulfonic acid (11Cl-PF3OUdS)	0.20	U	0.20	0.099	ug/Kg	☼	10/15/25 07:11	10/16/25 13:28	1
Perfluoro (2-ethoxyethane) sulfonic acid (PFEESA)	0.20	U	0.20	0.099	ug/Kg	☼	10/15/25 07:11	10/16/25 13:28	1
3-Perfluoropropylpropanoic acid (3:3 FTCA)	0.40	U	0.40	0.20	ug/Kg	☼	10/15/25 07:11	10/16/25 13:28	1
3-Perfluoropentylpropanoic acid (5:3 FTCA)	0.99	U	0.99	0.49	ug/Kg	☼	10/15/25 07:11	10/16/25 13:28	1
3-Perfluoroheptylpropanoic acid (7:3 FTCA)	0.99	U	0.99	0.49	ug/Kg	☼	10/15/25 07:11	10/16/25 13:28	1

Isotope Dilution	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
13C4 PFBA	*82.9*		*8 - 130*	*10/15/25 07:11*	*10/16/25 13:28*	*1*
13C5 PFPeA	*83.7*		*35 - 130*	*10/15/25 07:11*	*10/16/25 13:28*	*1*
13C5 PFHxA	*86.7*		*40 - 130*	*10/15/25 07:11*	*10/16/25 13:28*	*1*
13C4 PFHpA	*91.3*		*40 - 130*	*10/15/25 07:11*	*10/16/25 13:28*	*1*
13C8 PFOA	*86.7*		*40 - 130*	*10/15/25 07:11*	*10/16/25 13:28*	*1*
13C9 PFNA	*85.2*		*40 - 130*	*10/15/25 07:11*	*10/16/25 13:28*	*1*
13C6 PFDA	*83.5*		*40 - 130*	*10/15/25 07:11*	*10/16/25 13:28*	*1*
13C7 PFUnA	*76.1*		*40 - 130*	*10/15/25 07:11*	*10/16/25 13:28*	*1*
13C2 PFTeDA	*73.3*		*20 - 130*	*10/15/25 07:11*	*10/16/25 13:28*	*1*

Client Sample ID: 3B_7-14

Date Collected: 10/08/25 15:05
Date Received: 10/08/25 17:00

Lab Sample ID: 460-336761-16

Matrix: Solid
Percent Solids: 88.7

Method: EPA 1633A - Per- and Polyfluoroalkyl Substances by LC/MS/MS, 1633A (Continued)

Isotope Dilution	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
13C3 PFBS	82.8		40 - 135	10/15/25 07:11	10/16/25 13:28	1
13C3 PFHxS	79.4		40 - 130	10/15/25 07:11	10/16/25 13:28	1
13C8 PFOS	83.4		40 - 130	10/15/25 07:11	10/16/25 13:28	1
13C8 FOSA	70.0		40 - 130	10/15/25 07:11	10/16/25 13:28	1
d3-NMeFOSAA	79.0		40 - 135	10/15/25 07:11	10/16/25 13:28	1
d5-NEtFOSAA	80.3		40 - 150	10/15/25 07:11	10/16/25 13:28	1
13C2 4:2 FTS	110		40 - 165	10/15/25 07:11	10/16/25 13:28	1
13C2 6:2 FTS	104		40 - 215	10/15/25 07:11	10/16/25 13:28	1
13C2 8:2 FTS	89.2		40 - 275	10/15/25 07:11	10/16/25 13:28	1
13C3 HFPO-DA	90.7		40 - 130	10/15/25 07:11	10/16/25 13:28	1
d7-N-MeFOSE-M	63.4		20 - 130	10/15/25 07:11	10/16/25 13:28	1
d9-N-EtFOSE-M	50.0		15 - 130	10/15/25 07:11	10/16/25 13:28	1
d5-NEtPFOSA	67.1		10 - 130	10/15/25 07:11	10/16/25 13:28	1
d3-NMePFOSA	73.1		10 - 130	10/15/25 07:11	10/16/25 13:28	1
13C2 PFDoA	77.0		40 - 130	10/15/25 07:11	10/16/25 13:28	1

Method: SW846 6020B - Metals (ICP/MS)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Aluminum	7000		16.7	4.6	mg/Kg	☼	10/12/25 19:15	10/13/25 15:16	1
Antimony	1.2		0.84	0.12	mg/Kg	☼	10/12/25 19:15	10/13/25 15:16	1
Arsenic	6.0		0.84	0.086	mg/Kg	☼	10/12/25 19:15	10/13/25 15:16	1
Barium	35.3		1.7	0.12	mg/Kg	☼	10/12/25 19:15	10/13/25 15:16	1
Beryllium	0.45		0.33	0.018	mg/Kg	☼	10/12/25 19:15	10/13/25 15:16	1
Cadmium	0.16	J	0.84	0.094	mg/Kg	☼	10/12/25 19:15	10/13/25 15:16	1
Calcium	861		83.5	8.1	mg/Kg	☼	10/12/25 19:15	10/13/25 15:16	1
Chromium	17.5		1.7	0.25	mg/Kg	☼	10/12/25 19:15	10/13/25 15:16	1
Cobalt	5.4		0.84	0.12	mg/Kg	☼	10/12/25 19:15	10/13/25 15:16	1
Copper	26.8		1.7	0.31	mg/Kg	☼	10/12/25 19:15	10/13/25 15:16	1
Iron	17700		50.1	6.4	mg/Kg	☼	10/12/25 19:15	10/13/25 15:16	1
Lead	53.2		0.50	0.17	mg/Kg	☼	10/12/25 19:15	10/13/25 15:16	1
Magnesium	2540		83.5	8.5	mg/Kg	☼	10/12/25 19:15	10/13/25 15:16	1
Manganese	206		3.3	0.34	mg/Kg	☼	10/12/25 19:15	10/13/25 15:16	1
Nickel	18.1		1.7	0.15	mg/Kg	☼	10/12/25 19:15	10/13/25 15:16	1
Potassium	1210		83.5	13.5	mg/Kg	☼	10/12/25 19:15	10/13/25 15:16	1
Selenium	0.26	J	1.0	0.11	mg/Kg	☼	10/12/25 19:15	10/13/25 15:16	1
Silver	0.16	J	0.33	0.074	mg/Kg	☼	10/12/25 19:15	10/13/25 15:16	1
Sodium	49.7	J	83.5	38.2	mg/Kg	☼	10/12/25 19:15	10/13/25 15:16	1
Thallium	0.090	J	0.33	0.034	mg/Kg	☼	10/12/25 19:15	10/13/25 15:16	1
Vanadium	24.8		1.7	0.17	mg/Kg	☼	10/12/25 19:15	10/13/25 15:16	1
Zinc	44.3		6.7	0.91	mg/Kg	☼	10/12/25 19:15	10/13/25 15:16	1

Method: SW846 7471B - Mercury (CVAA)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	0.019		0.019	0.0087	mg/Kg	☼	10/17/25 05:53	10/17/25 13:10	1

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Percent Moisture (EPA Moisture)	11.3		1.0	1.0	%			10/09/25 15:55	1
Percent Solids (EPA Moisture)	88.7		1.0	1.0	%			10/09/25 15:55	1

Client Sample ID: 3C_0-7
Date Collected: 10/08/25 15:10
Date Received: 10/08/25 17:00

Lab Sample ID: 460-336761-17
Matrix: Solid
Percent Solids: 91.4

Method: SW846 8270E - Semivolatile Organic Compounds (GC/MS)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1'-Biphenyl	0.36	U	0.36	0.013	mg/Kg	☼	10/10/25 08:26	10/11/25 02:01	1
1,2,4,5-Tetrachlorobenzene	0.36	U	0.36	0.011	mg/Kg	☼	10/10/25 08:26	10/11/25 02:01	1
1,4-Dioxane	0.036	U	0.036	0.032	mg/Kg	☼	10/10/25 08:26	10/11/25 02:01	1
2,2'-oxybis[1-chloropropane]	0.36	U	0.36	0.022	mg/Kg	☼	10/10/25 08:26	10/11/25 02:01	1
2,3,4,6-Tetrachlorophenol	0.36	U	0.36	0.025	mg/Kg	☼	10/10/25 08:26	10/11/25 02:01	1
2,4,5-Trichlorophenol	0.36	U	0.36	0.037	mg/Kg	☼	10/10/25 08:26	10/11/25 02:01	1
2,4,6-Trichlorophenol	0.15	U	0.15	0.046	mg/Kg	☼	10/10/25 08:26	10/11/25 02:01	1
2,4-Dichlorophenol	0.15	U	0.15	0.023	mg/Kg	☼	10/10/25 08:26	10/11/25 02:01	1
2,4-Dimethylphenol	0.36	U	0.36	0.043	mg/Kg	☼	10/10/25 08:26	10/11/25 02:01	1
2,4-Dinitrophenol	0.29	U	0.29	0.18	mg/Kg	☼	10/10/25 08:26	10/11/25 02:01	1
2,4-Dinitrotoluene	0.073	U	0.073	0.039	mg/Kg	☼	10/10/25 08:26	10/11/25 02:01	1
2,6-Dinitrotoluene	0.073	U	0.073	0.026	mg/Kg	☼	10/10/25 08:26	10/11/25 02:01	1
2-Chloronaphthalene	0.36	U	0.36	0.047	mg/Kg	☼	10/10/25 08:26	10/11/25 02:01	1
2-Chlorophenol	0.36	U	0.36	0.013	mg/Kg	☼	10/10/25 08:26	10/11/25 02:01	1
2-Methylnaphthalene	0.36	U	0.36	0.010	mg/Kg	☼	10/10/25 08:26	10/11/25 02:01	1
2-Methylphenol	0.36	U	0.36	0.014	mg/Kg	☼	10/10/25 08:26	10/11/25 02:01	1
2-Nitroaniline	0.36	U	0.36	0.028	mg/Kg	☼	10/10/25 08:26	10/11/25 02:01	1
2-Nitrophenol	0.36	U	0.36	0.036	mg/Kg	☼	10/10/25 08:26	10/11/25 02:01	1
3 & 4 Methylphenol	0.36	U	0.36	0.023	mg/Kg	☼	10/10/25 08:26	10/11/25 02:01	1
3,3'-Dichlorobenzidine	0.15	U	0.15	0.055	mg/Kg	☼	10/10/25 08:26	10/11/25 02:01	1
3-Nitroaniline	0.36	U	0.36	0.086	mg/Kg	☼	10/10/25 08:26	10/11/25 02:01	1
4,6-Dinitro-2-methylphenol	0.29	U	0.29	0.15	mg/Kg	☼	10/10/25 08:26	10/11/25 02:01	1
4-Bromophenyl phenyl ether	0.36	U	0.36	0.014	mg/Kg	☼	10/10/25 08:26	10/11/25 02:01	1
4-Chloro-3-methylphenol	0.36	U	0.36	0.020	mg/Kg	☼	10/10/25 08:26	10/11/25 02:01	1
4-Chloroaniline	0.36	U	0.36	0.064	mg/Kg	☼	10/10/25 08:26	10/11/25 02:01	1
4-Chlorophenyl phenyl ether	0.36	U	0.36	0.013	mg/Kg	☼	10/10/25 08:26	10/11/25 02:01	1
4-Methylphenol	0.36	U	0.36	0.023	mg/Kg	☼	10/10/25 08:26	10/11/25 02:01	1
4-Nitroaniline	0.36	U	0.36	0.092	mg/Kg	☼	10/10/25 08:26	10/11/25 02:01	1
4-Nitrophenol	0.73	U	0.73	0.059	mg/Kg	☼	10/10/25 08:26	10/11/25 02:01	1
Acenaphthene	0.36	U	0.36	0.010	mg/Kg	☼	10/10/25 08:26	10/11/25 02:01	1
Acenaphthylene	0.36	U	0.36	0.010	mg/Kg	☼	10/10/25 08:26	10/11/25 02:01	1
Acetophenone	0.36	U	0.36	0.018	mg/Kg	☼	10/10/25 08:26	10/11/25 02:01	1
Anthracene	0.36	U	0.36	0.011	mg/Kg	☼	10/10/25 08:26	10/11/25 02:01	1
Atrazine	0.15	U	0.15	0.021	mg/Kg	☼	10/10/25 08:26	10/11/25 02:01	1
Benzaldehyde	0.36	U	0.36	0.060	mg/Kg	☼	10/10/25 08:26	10/11/25 02:01	1
Benzo[a]anthracene	0.036	U	0.036	0.027	mg/Kg	☼	10/10/25 08:26	10/11/25 02:01	1
Benzo[a]pyrene	0.036	U	0.036	0.0096	mg/Kg	☼	10/10/25 08:26	10/11/25 02:01	1
Benzo[b]fluoranthene	0.036	U	0.036	0.0094	mg/Kg	☼	10/10/25 08:26	10/11/25 02:01	1
Benzo[g,h,i]perylene	0.36	U	0.36	0.011	mg/Kg	☼	10/10/25 08:26	10/11/25 02:01	1
Benzo[k]fluoranthene	0.036	U	0.036	0.0071	mg/Kg	☼	10/10/25 08:26	10/11/25 02:01	1
Bis(2-chloroethoxy)methane	0.36	U	0.36	0.067	mg/Kg	☼	10/10/25 08:26	10/11/25 02:01	1
Bis(2-chloroethyl)ether	0.036	U	0.036	0.013	mg/Kg	☼	10/10/25 08:26	10/11/25 02:01	1
Bis(2-ethylhexyl) phthalate	0.36	U	0.36	0.019	mg/Kg	☼	10/10/25 08:26	10/11/25 02:01	1
Butyl benzyl phthalate	0.36	U	0.36	0.017	mg/Kg	☼	10/10/25 08:26	10/11/25 02:01	1
Caprolactam	0.36	U	0.36	0.056	mg/Kg	☼	10/10/25 08:26	10/11/25 02:01	1
Carbazole	0.36	U	0.36	0.014	mg/Kg	☼	10/10/25 08:26	10/11/25 02:01	1
Chrysene	0.36	U	0.36	0.015	mg/Kg	☼	10/10/25 08:26	10/11/25 02:01	1
Dibenz(a,h)anthracene	0.036	U	0.036	0.016	mg/Kg	☼	10/10/25 08:26	10/11/25 02:01	1
Dibenzofuran	0.36	U	0.36	0.012	mg/Kg	☼	10/10/25 08:26	10/11/25 02:01	1

Client Sample ID: 3C_0-7
Date Collected: 10/08/25 15:10
Date Received: 10/08/25 17:00

Lab Sample ID: 460-336761-17
Matrix: Solid
Percent Solids: 91.4

Method: SW846 8270E - Semivolatile Organic Compounds (GC/MS) (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Diethyl phthalate	0.36	U	0.36	0.012	mg/Kg	☼	10/10/25 08:26	10/11/25 02:01	1
Dimethyl phthalate	0.36	U	0.36	0.082	mg/Kg	☼	10/10/25 08:26	10/11/25 02:01	1
Di-n-butyl phthalate	**0.25**	**J**	0.36	0.014	mg/Kg	☼	10/10/25 08:26	10/11/25 02:01	1
Di-n-octyl phthalate	0.36	U	0.36	0.019	mg/Kg	☼	10/10/25 08:26	10/11/25 02:01	1
Fluoranthene	0.36	U	0.36	0.013	mg/Kg	☼	10/10/25 08:26	10/11/25 02:01	1
Fluorene	0.36	U	0.36	0.011	mg/Kg	☼	10/10/25 08:26	10/11/25 02:01	1
Hexachlorobenzene	0.036	U	0.036	0.017	mg/Kg	☼	10/10/25 08:26	10/11/25 02:01	1
Hexachlorobutadiene	0.073	U	0.073	0.0077	mg/Kg	☼	10/10/25 08:26	10/11/25 02:01	1
Hexachlorocyclopentadiene	0.36	U	0.36	0.032	mg/Kg	☼	10/10/25 08:26	10/11/25 02:01	1
Hexachloroethane	0.036	U	0.036	0.012	mg/Kg	☼	10/10/25 08:26	10/11/25 02:01	1
Indeno[1,2,3-cd]pyrene	0.036	U	0.036	0.014	mg/Kg	☼	10/10/25 08:26	10/11/25 02:01	1
Isophorone	0.15	U	0.15	0.10	mg/Kg	☼	10/10/25 08:26	10/11/25 02:01	1
Naphthalene	**0.0063**	**J**	0.36	0.0063	mg/Kg	☼	10/10/25 08:26	10/11/25 02:01	1
Nitrobenzene	0.036	U	0.036	0.020	mg/Kg	☼	10/10/25 08:26	10/11/25 02:01	1
N-Nitrosodi-n-propylamine	0.036	U	0.036	0.026	mg/Kg	☼	10/10/25 08:26	10/11/25 02:01	1
N-Nitrosodiphenylamine	0.36	U	0.36	0.030	mg/Kg	☼	10/10/25 08:26	10/11/25 02:01	1
Pentachlorophenol	0.29	U	0.29	0.074	mg/Kg	☼	10/10/25 08:26	10/11/25 02:01	1
Phenanthrene	0.36	U	0.36	0.015	mg/Kg	☼	10/10/25 08:26	10/11/25 02:01	1
Phenol	0.36	U	0.36	0.013	mg/Kg	☼	10/10/25 08:26	10/11/25 02:01	1
Pyrene	0.36	U	0.36	0.0090	mg/Kg	☼	10/10/25 08:26	10/11/25 02:01	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
2,4,6-Tribromophenol (Surr)	*57*		*18 - 137*	*10/10/25 08:26*	*10/11/25 02:01*	*1*
2-Fluorobiphenyl	*63*		*33 - 117*	*10/10/25 08:26*	*10/11/25 02:01*	*1*
2-Fluorophenol (Surr)	*62*		*24 - 120*	*10/10/25 08:26*	*10/11/25 02:01*	*1*
Nitrobenzene-d5 (Surr)	*66*		*27 - 120*	*10/10/25 08:26*	*10/11/25 02:01*	*1*
Phenol-d5 (Surr)	*64*		*28 - 118*	*10/10/25 08:26*	*10/11/25 02:01*	*1*
Terphenyl-d14 (Surr)	*67*		*33 - 124*	*10/10/25 08:26*	*10/11/25 02:01*	*1*

Method: SW846 8081B - Organochlorine Pesticides (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
4,4'-DDD	0.0073	U	0.0073	0.0012	mg/Kg	☼	10/09/25 17:52	10/10/25 18:42	1
4,4'-DDE	0.0073	U	0.0073	0.00086	mg/Kg	☼	10/09/25 17:52	10/10/25 18:42	1
4,4'-DDT	0.0073	U	0.0073	0.0013	mg/Kg	☼	10/09/25 17:52	10/10/25 18:42	1
Aldrin	0.0073	U	0.0073	0.0011	mg/Kg	☼	10/09/25 17:52	10/10/25 18:42	1
alpha-BHC	0.0022	U	0.0022	0.00074	mg/Kg	☼	10/09/25 17:52	10/10/25 18:42	1
beta-BHC	0.0022	U	0.0022	0.00082	mg/Kg	☼	10/09/25 17:52	10/10/25 18:42	1
Chlordane (technical)	0.073	U	0.073	0.018	mg/Kg	☼	10/09/25 17:52	10/10/25 18:42	1
cis-Chlordane	0.0073	U	0.0073	0.0012	mg/Kg	☼	10/09/25 17:52	10/10/25 18:42	1
delta-BHC	0.0022	U	0.0022	0.00045	mg/Kg	☼	10/09/25 17:52	10/10/25 18:42	1
Dieldrin	0.0022	U	0.0022	0.00095	mg/Kg	☼	10/09/25 17:52	10/10/25 18:42	1
Endosulfan I	0.0073	U	0.0073	0.0011	mg/Kg	☼	10/09/25 17:52	10/10/25 18:42	1
Endosulfan II	0.0073	U	0.0073	0.0019	mg/Kg	☼	10/09/25 17:52	10/10/25 18:42	1
Endosulfan sulfate	0.0073	U	0.0073	0.00092	mg/Kg	☼	10/09/25 17:52	10/10/25 18:42	1
Endrin	0.0073	U	0.0073	0.0011	mg/Kg	☼	10/09/25 17:52	10/10/25 18:42	1
Endrin aldehyde	0.0073	U	0.0073	0.0017	mg/Kg	☼	10/09/25 17:52	10/10/25 18:42	1
Endrin ketone	0.0073	U	0.0073	0.0014	mg/Kg	☼	10/09/25 17:52	10/10/25 18:42	1
gamma-BHC (Lindane)	0.0022	U	0.0022	0.00068	mg/Kg	☼	10/09/25 17:52	10/10/25 18:42	1
Heptachlor	0.0073	U	0.0073	0.00086	mg/Kg	☼	10/09/25 17:52	10/10/25 18:42	1
Heptachlor epoxide	0.0073	U	0.0073	0.0011	mg/Kg	☼	10/09/25 17:52	10/10/25 18:42	1

Client Sample ID: 3C_0-7
Date Collected: 10/08/25 15:10
Date Received: 10/08/25 17:00

Lab Sample ID: 460-336761-17
Matrix: Solid
Percent Solids: 91.4

Method: SW846 8081B - Organochlorine Pesticides (GC) (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Methoxychlor	0.0073	U	0.0073	0.0017	mg/Kg	☼	10/09/25 17:52	10/10/25 18:42	1
Toxaphene	0.073	U	0.073	0.026	mg/Kg	☼	10/09/25 17:52	10/10/25 18:42	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
DCB Decachlorobiphenyl	*124*		*10 - 150*	*10/09/25 17:52*	*10/10/25 18:42*	*1*
DCB Decachlorobiphenyl	*129*		*10 - 150*	*10/09/25 17:52*	*10/10/25 18:42*	*1*
Tetrachloro-m-xylene	*116*		*14 - 150*	*10/09/25 17:52*	*10/10/25 18:42*	*1*
Tetrachloro-m-xylene	*103*		*14 - 150*	*10/09/25 17:52*	*10/10/25 18:42*	*1*

Method: SW846 8082A - Polychlorinated Biphenyls (PCBs) by Gas Chromatography

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Aroclor 1016	0.073	U	0.073	0.019	mg/Kg	☼	10/09/25 17:24	10/11/25 00:40	1
Aroclor 1221	0.073	U	0.073	0.019	mg/Kg	☼	10/09/25 17:24	10/11/25 00:40	1
Aroclor 1232	0.073	U	0.073	0.019	mg/Kg	☼	10/09/25 17:24	10/11/25 00:40	1
Aroclor 1242	0.073	U	0.073	0.019	mg/Kg	☼	10/09/25 17:24	10/11/25 00:40	1
Aroclor 1248	0.073	U	0.073	0.019	mg/Kg	☼	10/09/25 17:24	10/11/25 00:40	1
Aroclor 1254	0.073	U	0.073	0.019	mg/Kg	☼	10/09/25 17:24	10/11/25 00:40	1
Aroclor 1260	0.073	U	0.073	0.019	mg/Kg	☼	10/09/25 17:24	10/11/25 00:40	1
Aroclor-1262	0.073	U	0.073	0.019	mg/Kg	☼	10/09/25 17:24	10/11/25 00:40	1
Aroclor 1268	0.073	U	0.073	0.019	mg/Kg	☼	10/09/25 17:24	10/11/25 00:40	1
Polychlorinated biphenyls, Total	0.073	U	0.073	0.019	mg/Kg	☼	10/09/25 17:24	10/11/25 00:40	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
DCB Decachlorobiphenyl	*120*		*10 - 150*	*10/09/25 17:24*	*10/11/25 00:40*	*1*
DCB Decachlorobiphenyl	*135*		*10 - 150*	*10/09/25 17:24*	*10/11/25 00:40*	*1*
Tetrachloro-m-xylene	*102*		*10 - 150*	*10/09/25 17:24*	*10/11/25 00:40*	*1*
Tetrachloro-m-xylene	*108*		*10 - 150*	*10/09/25 17:24*	*10/11/25 00:40*	*1*

Method: EPA 1633A - Per- and Polyfluoroalkyl Substances by LC/MS/MS, 1633A

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Perfluorobutanoic acid (PFBA)	0.40	U	0.40	0.099	ug/Kg	☼	10/15/25 07:11	10/16/25 13:42	1
Perfluoropentanoic acid (PFPeA)	**0.18**	**J**	0.20	0.099	ug/Kg	☼	10/15/25 07:11	10/16/25 13:42	1
Perfluorohexanoic acid (PFHxA)	**0.13**	**J**	0.20	0.099	ug/Kg	☼	10/15/25 07:11	10/16/25 13:42	1
Perfluoroheptanoic acid (PFHpA)	**0.25**		0.20	0.099	ug/Kg	☼	10/15/25 07:11	10/16/25 13:42	1
Perfluorooctanoic acid (PFOA)	**0.60**		0.20	0.060	ug/Kg	☼	10/15/25 07:11	10/16/25 13:42	1
Perfluorononanoic acid (PFNA)	**1.57**		0.20	0.099	ug/Kg	☼	10/15/25 07:11	10/16/25 13:42	1
Perfluorodecanoic acid (PFDA)	**3.34**		0.20	0.060	ug/Kg	☼	10/15/25 07:11	10/16/25 13:42	1
Perfluoroundecanoic acid (PFUnA)	**11.9**		0.20	0.099	ug/Kg	☼	10/15/25 07:11	10/16/25 13:42	1
Perfluorododecanoic acid (PFDoA)	**2.09**		0.20	0.099	ug/Kg	☼	10/15/25 07:11	10/16/25 13:42	1
Perfluorotridecanoic acid (PFTrDA)	**12.5**		0.20	0.099	ug/Kg	☼	10/15/25 07:11	10/16/25 13:42	1
Perfluorotetradecanoic acid (PFTeDA)	**0.47**		0.20	0.099	ug/Kg	☼	10/15/25 07:11	10/16/25 13:42	1
Perfluorobutanesulfonic acid (PFBS)	0.20	U	0.20	0.099	ug/Kg	☼	10/15/25 07:11	10/16/25 13:42	1
Perfluoropentanesulfonic acid (PFPeS)	0.20	U	0.20	0.099	ug/Kg	☼	10/15/25 07:11	10/16/25 13:42	1
Perfluorohexanesulfonic acid (PFHxS)	0.20	U	0.20	0.099	ug/Kg	☼	10/15/25 07:11	10/16/25 13:42	1
Perfluoroheptanesulfonic acid (PFHpS)	0.20	U	0.20	0.099	ug/Kg	☼	10/15/25 07:11	10/16/25 13:42	1
Perfluorooctanesulfonic acid (PFOS)	0.20	U	0.20	0.099	ug/Kg	☼	10/15/25 07:11	10/16/25 13:42	1

Client Sample ID: 3C_0-7
Date Collected: 10/08/25 15:10
Date Received: 10/08/25 17:00

Lab Sample ID: 460-336761-17
Matrix: Solid
Percent Solids: 91.4

Method: EPA 1633A - Per- and Polyfluoroalkyl Substances by LC/MS/MS, 1633A (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Perfluorononanesulfonic acid (PFNS)	0.20	U	0.20	0.099	ug/Kg	☼	10/15/25 07:11	10/16/25 13:42	1
Perfluorodecanesulfonic acid (PFDS)	0.20	U	0.20	0.099	ug/Kg	☼	10/15/25 07:11	10/16/25 13:42	1
Perfluorododecanesulfonic acid (PFDoS)	0.20	U	0.20	0.099	ug/Kg	☼	10/15/25 07:11	10/16/25 13:42	1
1H,1H,2H,2H-Perfluorohexane sulfonic acid (4:2 FTS)	0.40	U	0.40	0.20	ug/Kg	☼	10/15/25 07:11	10/16/25 13:42	1
1H,1H,2H,2H-Perfluorooctane sulfonic acid (6:2 FTS)	**0.69**		0.40	0.20	ug/Kg	☼	10/15/25 07:11	10/16/25 13:42	1
1H,1H,2H,2H-Perfluorodecane sulfonic acid (8:2 FTS)	**2.84**		0.40	0.20	ug/Kg	☼	10/15/25 07:11	10/16/25 13:42	1
Perfluorooctanesulfonamide (PFOSA)	0.20	U	0.20	0.099	ug/Kg	☼	10/15/25 07:11	10/16/25 13:42	1
N-methylperfluorooctane sulfonamide (NMeFOSA)	0.20	U	0.20	0.099	ug/Kg	☼	10/15/25 07:11	10/16/25 13:42	1
N-ethylperfluorooctane sulfonamide (NEtFOSA)	0.20	U	0.20	0.099	ug/Kg	☼	10/15/25 07:11	10/16/25 13:42	1
N-methylperfluorooctanesulfonamidoacetic acid (NMeFOSAA)	0.20	U	0.20	0.099	ug/Kg	☼	10/15/25 07:11	10/16/25 13:42	1
N-ethylperfluorooctanesulfonamidoacetic acid (NEtFOSAA)	0.20	U	0.20	0.099	ug/Kg	☼	10/15/25 07:11	10/16/25 13:42	1
N-methylperfluorooctane sulfonamidoethanol (NMeFOSE)	0.99	U	0.99	0.50	ug/Kg	☼	10/15/25 07:11	10/16/25 13:42	1
N-ethylperfluorooctane sulfonamidoethanol (NEtFOSE)	0.99	U	0.99	0.50	ug/Kg	☼	10/15/25 07:11	10/16/25 13:42	1
Hexafluoropropylene Oxide Dimer Acid (HFPO-DA)	0.20	U	0.20	0.099	ug/Kg	☼	10/15/25 07:11	10/16/25 13:42	1
4,8-Dioxa-3H-perfluorononanoic acid (ADONA)	0.20	U	0.20	0.099	ug/Kg	☼	10/15/25 07:11	10/16/25 13:42	1
Perfluoro-3-methoxypropanoic acid (PFMPA)	0.20	U	0.20	0.099	ug/Kg	☼	10/15/25 07:11	10/16/25 13:42	1
Perfluoro-4-methoxybutanoic acid (PFMBA)	0.20	U	0.20	0.099	ug/Kg	☼	10/15/25 07:11	10/16/25 13:42	1
Nonafluoro-3,6-dioxaheptanoic acid (NFDHA)	0.20	U	0.20	0.099	ug/Kg	☼	10/15/25 07:11	10/16/25 13:42	1
9-Chlorohexadecafluoro-3-oxanonane-1-sulfonic acid (9Cl-PF3ONS)	0.20	U	0.20	0.099	ug/Kg	☼	10/15/25 07:11	10/16/25 13:42	1
11-Chloroeicosafluoro-3-oxaundecane-1-sulfonic acid (11Cl-PF3OUdS)	0.20	U	0.20	0.099	ug/Kg	☼	10/15/25 07:11	10/16/25 13:42	1
Perfluoro (2-ethoxyethane) sulfonic acid (PFEESA)	0.20	U	0.20	0.099	ug/Kg	☼	10/15/25 07:11	10/16/25 13:42	1
3-Perfluoropropylpropanoic acid (3:3 FTCA)	0.40	U	0.40	0.20	ug/Kg	☼	10/15/25 07:11	10/16/25 13:42	1
3-Perfluoropentylpropanoic acid (5:3 FTCA)	0.99	U	0.99	0.50	ug/Kg	☼	10/15/25 07:11	10/16/25 13:42	1
3-Perfluoroheptylpropanoic acid (7:3 FTCA)	0.99	U	0.99	0.50	ug/Kg	☼	10/15/25 07:11	10/16/25 13:42	1

Isotope Dilution	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
13C4 PFBA	*81.3*		*8 - 130*	*10/15/25 07:11*	*10/16/25 13:42*	*1*
13C5 PFPeA	*80.3*		*35 - 130*	*10/15/25 07:11*	*10/16/25 13:42*	*1*
13C5 PFHxA	*84.0*		*40 - 130*	*10/15/25 07:11*	*10/16/25 13:42*	*1*
13C4 PFHpA	*86.0*		*40 - 130*	*10/15/25 07:11*	*10/16/25 13:42*	*1*
13C8 PFOA	*83.7*		*40 - 130*	*10/15/25 07:11*	*10/16/25 13:42*	*1*
13C9 PFNA	*81.0*		*40 - 130*	*10/15/25 07:11*	*10/16/25 13:42*	*1*
13C6 PFDA	*80.6*		*40 - 130*	*10/15/25 07:11*	*10/16/25 13:42*	*1*
13C7 PFUnA	*83.5*		*40 - 130*	*10/15/25 07:11*	*10/16/25 13:42*	*1*

Client Sample ID: 3C_0-7
Date Collected: 10/08/25 15:10
Date Received: 10/08/25 17:00

Lab Sample ID: 460-336761-17
Matrix: Solid
Percent Solids: 91.4

Method: EPA 1633A - Per- and Polyfluoroalkyl Substances by LC/MS/MS, 1633A (Continued)

Isotope Dilution	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
13C2 PFTeDA	84.4		20 - 130	10/15/25 07:11	10/16/25 13:42	1
13C3 PFBS	77.4		40 - 135	10/15/25 07:11	10/16/25 13:42	1
13C3 PFHxS	79.2		40 - 130	10/15/25 07:11	10/16/25 13:42	1
13C8 PFOS	76.9		40 - 130	10/15/25 07:11	10/16/25 13:42	1
13C8 FOSA	73.5		40 - 130	10/15/25 07:11	10/16/25 13:42	1
d3-NMeFOSAA	86.9		40 - 135	10/15/25 07:11	10/16/25 13:42	1
d5-NEtFOSAA	92.8		40 - 150	10/15/25 07:11	10/16/25 13:42	1
13C2 4:2 FTS	191	*	40 - 165	10/15/25 07:11	10/16/25 13:42	1
13C2 6:2 FTS	169		40 - 215	10/15/25 07:11	10/16/25 13:42	1
13C2 8:2 FTS	123		40 - 275	10/15/25 07:11	10/16/25 13:42	1
13C3 HFPO-DA	79.6		40 - 130	10/15/25 07:11	10/16/25 13:42	1
d7-N-MeFOSE-M	60.7		20 - 130	10/15/25 07:11	10/16/25 13:42	1
d9-N-EtFOSE-M	51.8		15 - 130	10/15/25 07:11	10/16/25 13:42	1
d5-NEtPFOSA	65.3		10 - 130	10/15/25 07:11	10/16/25 13:42	1
d3-NMePFOSA	70.6		10 - 130	10/15/25 07:11	10/16/25 13:42	1
13C2 PFDoA	80.5		40 - 130	10/15/25 07:11	10/16/25 13:42	1

Method: SW846 6020B - Metals (ICP/MS)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Aluminum	10700		19.5	5.4	mg/Kg	☼	10/15/25 11:04	10/15/25 17:10	1
Antimony	1.2		0.98	0.14	mg/Kg	☼	10/15/25 11:04	10/15/25 17:10	1
Arsenic	7.0		0.98	0.10	mg/Kg	☼	10/15/25 11:04	10/15/25 17:10	1
Barium	111		2.0	0.14	mg/Kg	☼	10/15/25 11:04	10/15/25 17:10	1
Beryllium	4.7		0.39	0.021	mg/Kg	☼	10/15/25 11:04	10/15/25 17:10	1
Cadmium	0.41	J	0.98	0.11	mg/Kg	☼	10/15/25 11:04	10/15/25 17:10	1
Calcium	1990		97.7	9.5	mg/Kg	☼	10/15/25 11:04	10/15/25 17:10	1
Chromium	59.2		2.0	0.29	mg/Kg	☼	10/15/25 11:04	10/15/25 17:10	1
Cobalt	14.5		0.98	0.14	mg/Kg	☼	10/15/25 11:04	10/15/25 17:10	1
Copper	150		2.0	0.36	mg/Kg	☼	10/15/25 11:04	10/15/25 17:10	1
Iron	27000		58.6	7.5	mg/Kg	☼	10/15/25 11:04	10/15/25 17:10	1
Lead	396		0.59	0.20	mg/Kg	☼	10/15/25 11:04	10/15/25 17:10	1
Magnesium	2180		97.7	10	mg/Kg	☼	10/15/25 11:04	10/15/25 17:10	1
Manganese	263		3.9	0.39	mg/Kg	☼	10/15/25 11:04	10/15/25 17:10	1
Nickel	68.4		2.0	0.17	mg/Kg	☼	10/15/25 11:04	10/15/25 17:10	1
Potassium	1310		97.7	15.8	mg/Kg	☼	10/15/25 11:04	10/15/25 17:10	1
Selenium	0.57	J	1.2	0.13	mg/Kg	☼	10/15/25 11:04	10/15/25 17:10	1
Silver	0.31	J	0.39	0.087	mg/Kg	☼	10/15/25 11:04	10/15/25 17:10	1
Sodium	197		97.7	44.7	mg/Kg	☼	10/15/25 11:04	10/15/25 17:10	1
Thallium	0.12	J	0.39	0.040	mg/Kg	☼	10/15/25 11:04	10/15/25 17:10	1
Vanadium	28.0		2.0	0.20	mg/Kg	☼	10/15/25 11:04	10/15/25 17:10	1
Zinc	575		7.8	1.1	mg/Kg	☼	10/15/25 11:04	10/15/25 17:10	1

Method: SW846 7471B - Mercury (CVAA)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	0.058		0.018	0.0085	mg/Kg	☼	10/17/25 05:53	10/17/25 13:13	1

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Percent Moisture (EPA Moisture)	8.6		1.0	1.0	%			10/09/25 15:55	1
Percent Solids (EPA Moisture)	91.4		1.0	1.0	%			10/09/25 15:55	1

Client Sample ID: 3C_7-14
Date Collected: 10/08/25 15:25
Date Received: 10/08/25 17:00

Lab Sample ID: 460-336761-18
Matrix: Solid
Percent Solids: 89.3

Method: SW846 8270E - Semivolatile Organic Compounds (GC/MS)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1'-Biphenyl	0.37	U	0.37	0.013	mg/Kg	☼	10/10/25 08:26	10/11/25 02:23	1
1,2,4,5-Tetrachlorobenzene	0.37	U	0.37	0.012	mg/Kg	☼	10/10/25 08:26	10/11/25 02:23	1
1,4-Dioxane	0.037	U	0.037	0.032	mg/Kg	☼	10/10/25 08:26	10/11/25 02:23	1
2,2'-oxybis[1-chloropropane]	0.37	U	0.37	0.022	mg/Kg	☼	10/10/25 08:26	10/11/25 02:23	1
2,3,4,6-Tetrachlorophenol	0.37	U	0.37	0.025	mg/Kg	☼	10/10/25 08:26	10/11/25 02:23	1
2,4,5-Trichlorophenol	0.37	U	0.37	0.038	mg/Kg	☼	10/10/25 08:26	10/11/25 02:23	1
2,4,6-Trichlorophenol	0.15	U	0.15	0.048	mg/Kg	☼	10/10/25 08:26	10/11/25 02:23	1
2,4-Dichlorophenol	0.15	U	0.15	0.024	mg/Kg	☼	10/10/25 08:26	10/11/25 02:23	1
2,4-Dimethylphenol	0.37	U	0.37	0.044	mg/Kg	☼	10/10/25 08:26	10/11/25 02:23	1
2,4-Dinitrophenol	0.30	U	0.30	0.18	mg/Kg	☼	10/10/25 08:26	10/11/25 02:23	1
2,4-Dinitrotoluene	0.075	U	0.075	0.040	mg/Kg	☼	10/10/25 08:26	10/11/25 02:23	1
2,6-Dinitrotoluene	0.075	U	0.075	0.027	mg/Kg	☼	10/10/25 08:26	10/11/25 02:23	1
2-Chloronaphthalene	0.37	U	0.37	0.048	mg/Kg	☼	10/10/25 08:26	10/11/25 02:23	1
2-Chlorophenol	0.37	U	0.37	0.013	mg/Kg	☼	10/10/25 08:26	10/11/25 02:23	1
2-Methylnaphthalene	0.37	U	0.37	0.010	mg/Kg	☼	10/10/25 08:26	10/11/25 02:23	1
2-Methylphenol	0.37	U	0.37	0.014	mg/Kg	☼	10/10/25 08:26	10/11/25 02:23	1
2-Nitroaniline	0.37	U	0.37	0.028	mg/Kg	☼	10/10/25 08:26	10/11/25 02:23	1
2-Nitrophenol	0.37	U	0.37	0.037	mg/Kg	☼	10/10/25 08:26	10/11/25 02:23	1
3 & 4 Methylphenol	0.37	U	0.37	0.023	mg/Kg	☼	10/10/25 08:26	10/11/25 02:23	1
3,3'-Dichlorobenzidine	0.15	U	0.15	0.056	mg/Kg	☼	10/10/25 08:26	10/11/25 02:23	1
3-Nitroaniline	0.37	U	0.37	0.088	mg/Kg	☼	10/10/25 08:26	10/11/25 02:23	1
4,6-Dinitro-2-methylphenol	0.30	U	0.30	0.15	mg/Kg	☼	10/10/25 08:26	10/11/25 02:23	1
4-Bromophenyl phenyl ether	0.37	U	0.37	0.015	mg/Kg	☼	10/10/25 08:26	10/11/25 02:23	1
4-Chloro-3-methylphenol	0.37	U	0.37	0.021	mg/Kg	☼	10/10/25 08:26	10/11/25 02:23	1
4-Chloroaniline	0.37	U	0.37	0.066	mg/Kg	☼	10/10/25 08:26	10/11/25 02:23	1
4-Chlorophenyl phenyl ether	0.37	U	0.37	0.013	mg/Kg	☼	10/10/25 08:26	10/11/25 02:23	1
4-Methylphenol	0.37	U	0.37	0.023	mg/Kg	☼	10/10/25 08:26	10/11/25 02:23	1
4-Nitroaniline	0.37	U	0.37	0.094	mg/Kg	☼	10/10/25 08:26	10/11/25 02:23	1
4-Nitrophenol	0.75	U	0.75	0.060	mg/Kg	☼	10/10/25 08:26	10/11/25 02:23	1
Acenaphthene	0.37	U	0.37	0.011	mg/Kg	☼	10/10/25 08:26	10/11/25 02:23	1
Acenaphthylene	0.37	U	0.37	0.011	mg/Kg	☼	10/10/25 08:26	10/11/25 02:23	1
Acetophenone	0.37	U	0.37	0.018	mg/Kg	☼	10/10/25 08:26	10/11/25 02:23	1
Anthracene	0.37	U	0.37	0.011	mg/Kg	☼	10/10/25 08:26	10/11/25 02:23	1
Atrazine	0.15	U	0.15	0.022	mg/Kg	☼	10/10/25 08:26	10/11/25 02:23	1
Benzaldehyde	0.37	U	0.37	0.061	mg/Kg	☼	10/10/25 08:26	10/11/25 02:23	1
Benzo[a]anthracene	0.037	U	0.037	0.028	mg/Kg	☼	10/10/25 08:26	10/11/25 02:23	1
Benzo[a]pyrene	**0.010**	**J**	0.037	0.0099	mg/Kg	☼	10/10/25 08:26	10/11/25 02:23	1
Benzo[b]fluoranthene	**0.012**	**J**	0.037	0.0096	mg/Kg	☼	10/10/25 08:26	10/11/25 02:23	1
Benzo[g,h,i]perylene	0.37	U	0.37	0.011	mg/Kg	☼	10/10/25 08:26	10/11/25 02:23	1
Benzo[k]fluoranthene	0.037	U	0.037	0.0073	mg/Kg	☼	10/10/25 08:26	10/11/25 02:23	1
Bis(2-chloroethoxy)methane	0.37	U	0.37	0.068	mg/Kg	☼	10/10/25 08:26	10/11/25 02:23	1
Bis(2-chloroethyl)ether	0.037	U	0.037	0.013	mg/Kg	☼	10/10/25 08:26	10/11/25 02:23	1
Bis(2-ethylhexyl) phthalate	0.37	U	0.37	0.020	mg/Kg	☼	10/10/25 08:26	10/11/25 02:23	1
Butyl benzyl phthalate	0.37	U	0.37	0.017	mg/Kg	☼	10/10/25 08:26	10/11/25 02:23	1
Caprolactam	0.37	U	0.37	0.058	mg/Kg	☼	10/10/25 08:26	10/11/25 02:23	1
Carbazole	0.37	U	0.37	0.014	mg/Kg	☼	10/10/25 08:26	10/11/25 02:23	1
Chrysene	0.37	U	0.37	0.016	mg/Kg	☼	10/10/25 08:26	10/11/25 02:23	1
Dibenz(a,h)anthracene	0.037	U	0.037	0.016	mg/Kg	☼	10/10/25 08:26	10/11/25 02:23	1
Dibenzofuran	0.37	U	0.37	0.012	mg/Kg	☼	10/10/25 08:26	10/11/25 02:23	1

Client Sample ID: 3C_7-14
Date Collected: 10/08/25 15:25
Date Received: 10/08/25 17:00

Lab Sample ID: 460-336761-18
Matrix: Solid
Percent Solids: 89.3

Method: SW846 8270E - Semivolatile Organic Compounds (GC/MS) (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Diethyl phthalate	0.37	U	0.37	0.012	mg/Kg	☼	10/10/25 08:26	10/11/25 02:23	1
Dimethyl phthalate	0.37	U	0.37	0.084	mg/Kg	☼	10/10/25 08:26	10/11/25 02:23	1
Di-n-butyl phthalate	**0.077**	**J**	0.37	0.014	mg/Kg	☼	10/10/25 08:26	10/11/25 02:23	1
Di-n-octyl phthalate	0.37	U	0.37	0.020	mg/Kg	☼	10/10/25 08:26	10/11/25 02:23	1
Fluoranthene	**0.014**	**J**	0.37	0.013	mg/Kg	☼	10/10/25 08:26	10/11/25 02:23	1
Fluorene	0.37	U	0.37	0.011	mg/Kg	☼	10/10/25 08:26	10/11/25 02:23	1
Hexachlorobenzene	0.037	U	0.037	0.018	mg/Kg	☼	10/10/25 08:26	10/11/25 02:23	1
Hexachlorobutadiene	0.075	U	0.075	0.0079	mg/Kg	☼	10/10/25 08:26	10/11/25 02:23	1
Hexachlorocyclopentadiene	0.37	U	0.37	0.033	mg/Kg	☼	10/10/25 08:26	10/11/25 02:23	1
Hexachloroethane	0.037	U	0.037	0.013	mg/Kg	☼	10/10/25 08:26	10/11/25 02:23	1
Indeno[1,2,3-cd]pyrene	0.037	U	0.037	0.014	mg/Kg	☼	10/10/25 08:26	10/11/25 02:23	1
Isophorone	0.15	U	0.15	0.11	mg/Kg	☼	10/10/25 08:26	10/11/25 02:23	1
Naphthalene	0.37	U	0.37	0.0064	mg/Kg	☼	10/10/25 08:26	10/11/25 02:23	1
Nitrobenzene	0.037	U	0.037	0.021	mg/Kg	☼	10/10/25 08:26	10/11/25 02:23	1
N-Nitrosodi-n-propylamine	0.037	U	0.037	0.027	mg/Kg	☼	10/10/25 08:26	10/11/25 02:23	1
N-Nitrosodiphenylamine	0.37	U	0.37	0.030	mg/Kg	☼	10/10/25 08:26	10/11/25 02:23	1
Pentachlorophenol	0.30	U	0.30	0.076	mg/Kg	☼	10/10/25 08:26	10/11/25 02:23	1
Phenanthrene	0.37	U	0.37	0.015	mg/Kg	☼	10/10/25 08:26	10/11/25 02:23	1
Phenol	0.37	U	0.37	0.014	mg/Kg	☼	10/10/25 08:26	10/11/25 02:23	1
Pyrene	**0.013**	**J**	0.37	0.0092	mg/Kg	☼	10/10/25 08:26	10/11/25 02:23	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
2,4,6-Tribromophenol (Surr)	*60*		*18 - 137*	*10/10/25 08:26*	*10/11/25 02:23*	*1*
2-Fluorobiphenyl	*62*		*33 - 117*	*10/10/25 08:26*	*10/11/25 02:23*	*1*
2-Fluorophenol (Surr)	*60*		*24 - 120*	*10/10/25 08:26*	*10/11/25 02:23*	*1*
Nitrobenzene-d5 (Surr)	*62*		*27 - 120*	*10/10/25 08:26*	*10/11/25 02:23*	*1*
Phenol-d5 (Surr)	*62*		*28 - 118*	*10/10/25 08:26*	*10/11/25 02:23*	*1*
Terphenyl-d14 (Surr)	*64*		*33 - 124*	*10/10/25 08:26*	*10/11/25 02:23*	*1*

Method: SW846 8081B - Organochlorine Pesticides (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
4,4'-DDD	0.0075	U	0.0075	0.0013	mg/Kg	☼	10/09/25 17:52	10/10/25 18:55	1
4,4'-DDE	0.0075	U	0.0075	0.00089	mg/Kg	☼	10/09/25 17:52	10/10/25 18:55	1
4,4'-DDT	0.0075	U	0.0075	0.0014	mg/Kg	☼	10/09/25 17:52	10/10/25 18:55	1
Aldrin	0.0075	U	0.0075	0.0011	mg/Kg	☼	10/09/25 17:52	10/10/25 18:55	1
alpha-BHC	0.0022	U	0.0022	0.00076	mg/Kg	☼	10/09/25 17:52	10/10/25 18:55	1
beta-BHC	0.0022	U	0.0022	0.00084	mg/Kg	☼	10/09/25 17:52	10/10/25 18:55	1
Chlordane (technical)	0.075	U	0.075	0.018	mg/Kg	☼	10/09/25 17:52	10/10/25 18:55	1
cis-Chlordane	0.0075	U	0.0075	0.0012	mg/Kg	☼	10/09/25 17:52	10/10/25 18:55	1
delta-BHC	0.0022	U	0.0022	0.00046	mg/Kg	☼	10/09/25 17:52	10/10/25 18:55	1
Dieldrin	0.0022	U	0.0022	0.00097	mg/Kg	☼	10/09/25 17:52	10/10/25 18:55	1
Endosulfan I	0.0075	U	0.0075	0.0011	mg/Kg	☼	10/09/25 17:52	10/10/25 18:55	1
Endosulfan II	0.0075	U	0.0075	0.0019	mg/Kg	☼	10/09/25 17:52	10/10/25 18:55	1
Endosulfan sulfate	0.0075	U	0.0075	0.00094	mg/Kg	☼	10/09/25 17:52	10/10/25 18:55	1
Endrin	0.0075	U	0.0075	0.0011	mg/Kg	☼	10/09/25 17:52	10/10/25 18:55	1
Endrin aldehyde	0.0075	U	0.0075	0.0018	mg/Kg	☼	10/09/25 17:52	10/10/25 18:55	1
Endrin ketone	0.0075	U	0.0075	0.0015	mg/Kg	☼	10/09/25 17:52	10/10/25 18:55	1
gamma-BHC (Lindane)	0.0022	U	0.0022	0.00069	mg/Kg	☼	10/09/25 17:52	10/10/25 18:55	1
Heptachlor	0.0075	U	0.0075	0.00089	mg/Kg	☼	10/09/25 17:52	10/10/25 18:55	1
Heptachlor epoxide	0.0075	U	0.0075	0.0011	mg/Kg	☼	10/09/25 17:52	10/10/25 18:55	1

Client Sample ID: 3C_7-14
Date Collected: 10/08/25 15:25
Date Received: 10/08/25 17:00

Lab Sample ID: 460-336761-18
Matrix: Solid
Percent Solids: 89.3

Method: SW846 8081B - Organochlorine Pesticides (GC) (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Methoxychlor	0.0075	U	0.0075	0.0017	mg/Kg	☼	10/09/25 17:52	10/10/25 18:55	1
Toxaphene	0.075	U	0.075	0.027	mg/Kg	☼	10/09/25 17:52	10/10/25 18:55	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
DCB Decachlorobiphenyl	*118*		*10 - 150*	*10/09/25 17:52*	*10/10/25 18:55*	*1*
DCB Decachlorobiphenyl	*121*		*10 - 150*	*10/09/25 17:52*	*10/10/25 18:55*	*1*
Tetrachloro-m-xylene	*99*		*14 - 150*	*10/09/25 17:52*	*10/10/25 18:55*	*1*
Tetrachloro-m-xylene	*95*		*14 - 150*	*10/09/25 17:52*	*10/10/25 18:55*	*1*

Method: SW846 8082A - Polychlorinated Biphenyls (PCBs) by Gas Chromatography

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Aroclor 1016	0.075	U	0.075	0.020	mg/Kg	☼	10/09/25 17:24	10/11/25 00:57	1
Aroclor 1221	0.075	U	0.075	0.020	mg/Kg	☼	10/09/25 17:24	10/11/25 00:57	1
Aroclor 1232	0.075	U	0.075	0.020	mg/Kg	☼	10/09/25 17:24	10/11/25 00:57	1
Aroclor 1242	0.075	U	0.075	0.020	mg/Kg	☼	10/09/25 17:24	10/11/25 00:57	1
Aroclor 1248	0.075	U	0.075	0.020	mg/Kg	☼	10/09/25 17:24	10/11/25 00:57	1
Aroclor 1254	0.075	U	0.075	0.020	mg/Kg	☼	10/09/25 17:24	10/11/25 00:57	1
Aroclor 1260	0.075	U	0.075	0.020	mg/Kg	☼	10/09/25 17:24	10/11/25 00:57	1
Aroclor-1262	0.075	U	0.075	0.020	mg/Kg	☼	10/09/25 17:24	10/11/25 00:57	1
Aroclor 1268	0.075	U	0.075	0.020	mg/Kg	☼	10/09/25 17:24	10/11/25 00:57	1
Polychlorinated biphenyls, Total	0.075	U	0.075	0.020	mg/Kg	☼	10/09/25 17:24	10/11/25 00:57	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
DCB Decachlorobiphenyl	*117*		*10 - 150*	*10/09/25 17:24*	*10/11/25 00:57*	*1*
DCB Decachlorobiphenyl	*132*		*10 - 150*	*10/09/25 17:24*	*10/11/25 00:57*	*1*
Tetrachloro-m-xylene	*98*		*10 - 150*	*10/09/25 17:24*	*10/11/25 00:57*	*1*
Tetrachloro-m-xylene	*105*		*10 - 150*	*10/09/25 17:24*	*10/11/25 00:57*	*1*

Method: EPA 1633A - Per- and Polyfluoroalkyl Substances by LC/MS/MS, 1633A

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Perfluorobutanoic acid (PFBA)	0.40	U	0.40	0.10	ug/Kg	☼	10/15/25 07:11	10/16/25 14:50	1
Perfluoropentanoic acid (PFPeA)	**0.12**	**J**	0.20	0.10	ug/Kg	☼	10/15/25 07:11	10/16/25 14:50	1
Perfluorohexanoic acid (PFHxA)	**0.10**	**J**	0.20	0.10	ug/Kg	☼	10/15/25 07:11	10/16/25 14:50	1
Perfluoroheptanoic acid (PFHpA)	0.20	U	0.20	0.10	ug/Kg	☼	10/15/25 07:11	10/16/25 14:50	1
Perfluorooctanoic acid (PFOA)	**0.16**	**J**	0.20	0.060	ug/Kg	☼	10/15/25 07:11	10/16/25 14:50	1
Perfluorononanoic acid (PFNA)	**0.54**		0.20	0.10	ug/Kg	☼	10/15/25 07:11	10/16/25 14:50	1
Perfluorodecanoic acid (PFDA)	**0.73**		0.20	0.060	ug/Kg	☼	10/15/25 07:11	10/16/25 14:50	1
Perfluoroundecanoic acid (PFUnA)	**6.08**		0.20	0.10	ug/Kg	☼	10/15/25 07:11	10/16/25 14:50	1
Perfluorododecanoic acid (PFDoA)	**1.02**		0.20	0.10	ug/Kg	☼	10/15/25 07:11	10/16/25 14:50	1
Perfluorotridecanoic acid (PFTrDA)	**6.89**		0.20	0.10	ug/Kg	☼	10/15/25 07:11	10/16/25 14:50	1
Perfluorotetradecanoic acid (PFTeDA)	**0.24**		0.20	0.10	ug/Kg	☼	10/15/25 07:11	10/16/25 14:50	1
Perfluorobutanesulfonic acid (PFBS)	0.20	U	0.20	0.10	ug/Kg	☼	10/15/25 07:11	10/16/25 14:50	1
Perfluoropentanesulfonic acid (PFPeS)	0.20	U	0.20	0.10	ug/Kg	☼	10/15/25 07:11	10/16/25 14:50	1
Perfluorohexanesulfonic acid (PFHxS)	0.20	U	0.20	0.10	ug/Kg	☼	10/15/25 07:11	10/16/25 14:50	1
Perfluoroheptanesulfonic acid (PFHpS)	0.20	U	0.20	0.10	ug/Kg	☼	10/15/25 07:11	10/16/25 14:50	1
Perfluorooctanesulfonic acid (PFOS)	0.20	U	0.20	0.10	ug/Kg	☼	10/15/25 07:11	10/16/25 14:50	1

Client Sample ID: 3C_7-14
Date Collected: 10/08/25 15:25
Date Received: 10/08/25 17:00

Lab Sample ID: 460-336761-18
Matrix: Solid
Percent Solids: 89.3

Method: EPA 1633A - Per- and Polyfluoroalkyl Substances by LC/MS/MS, 1633A (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Perfluorononanesulfonic acid (PFNS)	0.20	U	0.20	0.10	ug/Kg	☼	10/15/25 07:11	10/16/25 14:50	1
Perfluorodecanesulfonic acid (PFDS)	0.20	U	0.20	0.10	ug/Kg	☼	10/15/25 07:11	10/16/25 14:50	1
Perfluorododecanesulfonic acid (PFDoS)	0.20	U	0.20	0.10	ug/Kg	☼	10/15/25 07:11	10/16/25 14:50	1
1H,1H,2H,2H-Perfluorohexane sulfonic acid (4:2 FTS)	0.40	U	0.40	0.20	ug/Kg	☼	10/15/25 07:11	10/16/25 14:50	1
1H,1H,2H,2H-Perfluorooctane sulfonic acid (6:2 FTS)	**0.37**	**J**	0.40	0.20	ug/Kg	☼	10/15/25 07:11	10/16/25 14:50	1
1H,1H,2H,2H-Perfluorodecane sulfonic acid (8:2 FTS)	**1.49**		0.40	0.20	ug/Kg	☼	10/15/25 07:11	10/16/25 14:50	1
Perfluorooctanesulfonamide (PFOSA)	0.20	U	0.20	0.10	ug/Kg	☼	10/15/25 07:11	10/16/25 14:50	1
N-methylperfluorooctane sulfonamide (NMeFOSA)	0.20	U	0.20	0.10	ug/Kg	☼	10/15/25 07:11	10/16/25 14:50	1
N-ethylperfluorooctane sulfonamide (NEtFOSA)	0.20	U	0.20	0.10	ug/Kg	☼	10/15/25 07:11	10/16/25 14:50	1
N-methylperfluorooctanesulfonamidoacetic acid (NMeFOSAA)	0.20	U	0.20	0.10	ug/Kg	☼	10/15/25 07:11	10/16/25 14:50	1
N-ethylperfluorooctanesulfonamidoacetic acid (NEtFOSAA)	0.20	U	0.20	0.10	ug/Kg	☼	10/15/25 07:11	10/16/25 14:50	1
N-methylperfluorooctane sulfonamidoethanol (NMeFOSE)	1.0	U	1.0	0.50	ug/Kg	☼	10/15/25 07:11	10/16/25 14:50	1
N-ethylperfluorooctane sulfonamidoethanol (NEtFOSE)	1.0	U	1.0	0.50	ug/Kg	☼	10/15/25 07:11	10/16/25 14:50	1
Hexafluoropropylene Oxide Dimer Acid (HFPO-DA)	0.20	U	0.20	0.10	ug/Kg	☼	10/15/25 07:11	10/16/25 14:50	1
4,8-Dioxa-3H-perfluorononanoic acid (ADONA)	0.20	U	0.20	0.10	ug/Kg	☼	10/15/25 07:11	10/16/25 14:50	1
Perfluoro-3-methoxypropanoic acid (PFMPA)	0.20	U	0.20	0.10	ug/Kg	☼	10/15/25 07:11	10/16/25 14:50	1
Perfluoro-4-methoxybutanoic acid (PFMBA)	0.20	U	0.20	0.10	ug/Kg	☼	10/15/25 07:11	10/16/25 14:50	1
Nonafluoro-3,6-dioxaheptanoic acid (NFDHA)	0.20	U	0.20	0.10	ug/Kg	☼	10/15/25 07:11	10/16/25 14:50	1
9-Chlorohexadecafluoro-3-oxanonane-1-sulfonic acid (9Cl-PF3ONS)	0.20	U	0.20	0.10	ug/Kg	☼	10/15/25 07:11	10/16/25 14:50	1
11-Chloroeicosafluoro-3-oxaundecane-1-sulfonic acid (11Cl-PF3OUdS)	0.20	U	0.20	0.10	ug/Kg	☼	10/15/25 07:11	10/16/25 14:50	1
Perfluoro (2-ethoxyethane) sulfonic acid (PFEESA)	0.20	U	0.20	0.10	ug/Kg	☼	10/15/25 07:11	10/16/25 14:50	1
3-Perfluoropropylpropanoic acid (3:3 FTCA)	0.40	U	0.40	0.20	ug/Kg	☼	10/15/25 07:11	10/16/25 14:50	1
3-Perfluoropentylpropanoic acid (5:3 FTCA)	1.0	U	1.0	0.50	ug/Kg	☼	10/15/25 07:11	10/16/25 14:50	1
3-Perfluoroheptylpropanoic acid (7:3 FTCA)	1.0	U	1.0	0.50	ug/Kg	☼	10/15/25 07:11	10/16/25 14:50	1

Isotope Dilution	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
13C4 PFBA	*76.9*		*8 - 130*	*10/15/25 07:11*	*10/16/25 14:50*	*1*
13C5 PFPeA	*74.6*		*35 - 130*	*10/15/25 07:11*	*10/16/25 14:50*	*1*
13C5 PFHxA	*76.1*		*40 - 130*	*10/15/25 07:11*	*10/16/25 14:50*	*1*
13C4 PFHpA	*81.9*		*40 - 130*	*10/15/25 07:11*	*10/16/25 14:50*	*1*
13C8 PFOA	*77.9*		*40 - 130*	*10/15/25 07:11*	*10/16/25 14:50*	*1*
13C9 PFNA	*80.7*		*40 - 130*	*10/15/25 07:11*	*10/16/25 14:50*	*1*
13C6 PFDA	*70.5*		*40 - 130*	*10/15/25 07:11*	*10/16/25 14:50*	*1*
13C7 PFUnA	*73.7*		*40 - 130*	*10/15/25 07:11*	*10/16/25 14:50*	*1*

Client Sample ID: 3C_7-14
Date Collected: 10/08/25 15:25
Date Received: 10/08/25 17:00

Lab Sample ID: 460-336761-18
Matrix: Solid
Percent Solids: 89.3

Method: EPA 1633A - Per- and Polyfluoroalkyl Substances by LC/MS/MS, 1633A (Continued)

Isotope Dilution	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
13C2 PFTeDA	70.3		20 - 130	10/15/25 07:11	10/16/25 14:50	1
13C3 PFBS	72.9		40 - 135	10/15/25 07:11	10/16/25 14:50	1
13C3 PFHxS	71.9		40 - 130	10/15/25 07:11	10/16/25 14:50	1
13C8 PFOS	69.8		40 - 130	10/15/25 07:11	10/16/25 14:50	1
13C8 FOSA	66.7		40 - 130	10/15/25 07:11	10/16/25 14:50	1
d3-NMeFOSAA	86.2		40 - 135	10/15/25 07:11	10/16/25 14:50	1
d5-NEtFOSAA	89.9		40 - 150	10/15/25 07:11	10/16/25 14:50	1
13C2 4:2 FTS	191	*	40 - 165	10/15/25 07:11	10/16/25 14:50	1
13C2 6:2 FTS	162		40 - 215	10/15/25 07:11	10/16/25 14:50	1
13C2 8:2 FTS	112		40 - 275	10/15/25 07:11	10/16/25 14:50	1
13C3 HFPO-DA	77.6		40 - 130	10/15/25 07:11	10/16/25 14:50	1
d7-N-MeFOSE-M	61.6		20 - 130	10/15/25 07:11	10/16/25 14:50	1
d9-N-EtFOSE-M	49.9		15 - 130	10/15/25 07:11	10/16/25 14:50	1
d5-NEtPFOSA	60.2		10 - 130	10/15/25 07:11	10/16/25 14:50	1
d3-NMePFOSA	64.5		10 - 130	10/15/25 07:11	10/16/25 14:50	1
13C2 PFDoA	71.6		40 - 130	10/15/25 07:11	10/16/25 14:50	1

Method: SW846 6020B - Metals (ICP/MS)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Aluminum	10600		20.0	5.5	mg/Kg	☼	10/15/25 11:04	10/15/25 17:13	1
Antimony	0.97	J	1.0	0.15	mg/Kg	☼	10/15/25 11:04	10/15/25 17:13	1
Arsenic	6.5		1.0	0.10	mg/Kg	☼	10/15/25 11:04	10/15/25 17:13	1
Barium	90.4		2.0	0.15	mg/Kg	☼	10/15/25 11:04	10/15/25 17:13	1
Beryllium	1.8		0.40	0.022	mg/Kg	☼	10/15/25 11:04	10/15/25 17:13	1
Cadmium	0.26	J	1.0	0.11	mg/Kg	☼	10/15/25 11:04	10/15/25 17:13	1
Calcium	1750		100	9.7	mg/Kg	☼	10/15/25 11:04	10/15/25 17:13	1
Chromium	36.5		2.0	0.30	mg/Kg	☼	10/15/25 11:04	10/15/25 17:13	1
Cobalt	11.6		1.0	0.15	mg/Kg	☼	10/15/25 11:04	10/15/25 17:13	1
Copper	99.1		2.0	0.37	mg/Kg	☼	10/15/25 11:04	10/15/25 17:13	1
Iron	23800		60.0	7.7	mg/Kg	☼	10/15/25 11:04	10/15/25 17:13	1
Lead	348		0.60	0.20	mg/Kg	☼	10/15/25 11:04	10/15/25 17:13	1
Magnesium	3390		100	10.2	mg/Kg	☼	10/15/25 11:04	10/15/25 17:13	1
Manganese	274		4.0	0.40	mg/Kg	☼	10/15/25 11:04	10/15/25 17:13	1
Nickel	58.9		2.0	0.18	mg/Kg	☼	10/15/25 11:04	10/15/25 17:13	1
Potassium	1320		100	16.2	mg/Kg	☼	10/15/25 11:04	10/15/25 17:13	1
Selenium	0.42	J	1.3	0.13	mg/Kg	☼	10/15/25 11:04	10/15/25 17:13	1
Silver	0.30	J	0.40	0.089	mg/Kg	☼	10/15/25 11:04	10/15/25 17:13	1
Sodium	166		100	45.7	mg/Kg	☼	10/15/25 11:04	10/15/25 17:13	1
Thallium	0.13	J	0.40	0.041	mg/Kg	☼	10/15/25 11:04	10/15/25 17:13	1
Vanadium	28.2		2.0	0.21	mg/Kg	☼	10/15/25 11:04	10/15/25 17:13	1
Zinc	331		8.0	1.1	mg/Kg	☼	10/15/25 11:04	10/15/25 17:13	1

Method: SW846 7471B - Mercury (CVAA)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	0.028		0.019	0.0088	mg/Kg	☼	10/17/25 05:53	10/17/25 13:16	1

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Percent Moisture (EPA Moisture)	10.7		1.0	1.0	%			10/09/25 15:55	1
Percent Solids (EPA Moisture)	89.3		1.0	1.0	%			10/09/25 15:55	1

Client Sample ID: 3D_0-7
Date Collected: 10/08/25 15:20
Date Received: 10/08/25 17:00

Lab Sample ID: 460-336761-19
Matrix: Solid
Percent Solids: 92.3

Method: SW846 8270E - Semivolatile Organic Compounds (GC/MS)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1'-Biphenyl	0.36	U	0.36	0.012	mg/Kg	☼	10/10/25 08:26	10/11/25 02:46	1
1,2,4,5-Tetrachlorobenzene	0.36	U	0.36	0.011	mg/Kg	☼	10/10/25 08:26	10/11/25 02:46	1
1,4-Dioxane	0.036	U	0.036	0.031	mg/Kg	☼	10/10/25 08:26	10/11/25 02:46	1
2,2'-oxybis[1-chloropropane]	0.36	U	0.36	0.021	mg/Kg	☼	10/10/25 08:26	10/11/25 02:46	1
2,3,4,6-Tetrachlorophenol	0.36	U	0.36	0.024	mg/Kg	☼	10/10/25 08:26	10/11/25 02:46	1
2,4,5-Trichlorophenol	0.36	U	0.36	0.036	mg/Kg	☼	10/10/25 08:26	10/11/25 02:46	1
2,4,6-Trichlorophenol	0.14	U	0.14	0.046	mg/Kg	☼	10/10/25 08:26	10/11/25 02:46	1
2,4-Dichlorophenol	0.14	U	0.14	0.023	mg/Kg	☼	10/10/25 08:26	10/11/25 02:46	1
2,4-Dimethylphenol	0.36	U	0.36	0.042	mg/Kg	☼	10/10/25 08:26	10/11/25 02:46	1
2,4-Dinitrophenol	0.29	U	0.29	0.17	mg/Kg	☼	10/10/25 08:26	10/11/25 02:46	1
2,4-Dinitrotoluene	0.072	U	0.072	0.038	mg/Kg	☼	10/10/25 08:26	10/11/25 02:46	1
2,6-Dinitrotoluene	0.072	U	0.072	0.026	mg/Kg	☼	10/10/25 08:26	10/11/25 02:46	1
2-Chloronaphthalene	0.36	U	0.36	0.046	mg/Kg	☼	10/10/25 08:26	10/11/25 02:46	1
2-Chlorophenol	0.36	U	0.36	0.013	mg/Kg	☼	10/10/25 08:26	10/11/25 02:46	1
2-Methylnaphthalene	**0.014**	**J**	0.36	0.010	mg/Kg	☼	10/10/25 08:26	10/11/25 02:46	1
2-Methylphenol	0.36	U	0.36	0.013	mg/Kg	☼	10/10/25 08:26	10/11/25 02:46	1
2-Nitroaniline	0.36	U	0.36	0.027	mg/Kg	☼	10/10/25 08:26	10/11/25 02:46	1
2-Nitrophenol	0.36	U	0.36	0.036	mg/Kg	☼	10/10/25 08:26	10/11/25 02:46	1
3 & 4 Methylphenol	0.36	U	0.36	0.022	mg/Kg	☼	10/10/25 08:26	10/11/25 02:46	1
3,3'-Dichlorobenzidine	0.14	U	0.14	0.054	mg/Kg	☼	10/10/25 08:26	10/11/25 02:46	1
3-Nitroaniline	0.36	U	0.36	0.085	mg/Kg	☼	10/10/25 08:26	10/11/25 02:46	1
4,6-Dinitro-2-methylphenol	0.29	U	0.29	0.15	mg/Kg	☼	10/10/25 08:26	10/11/25 02:46	1
4-Bromophenyl phenyl ether	0.36	U	0.36	0.014	mg/Kg	☼	10/10/25 08:26	10/11/25 02:46	1
4-Chloro-3-methylphenol	0.36	U	0.36	0.020	mg/Kg	☼	10/10/25 08:26	10/11/25 02:46	1
4-Chloroaniline	0.36	U	0.36	0.063	mg/Kg	☼	10/10/25 08:26	10/11/25 02:46	1
4-Chlorophenyl phenyl ether	0.36	U	0.36	0.013	mg/Kg	☼	10/10/25 08:26	10/11/25 02:46	1
4-Methylphenol	0.36	U	0.36	0.022	mg/Kg	☼	10/10/25 08:26	10/11/25 02:46	1
4-Nitroaniline	0.36	U	0.36	0.090	mg/Kg	☼	10/10/25 08:26	10/11/25 02:46	1
4-Nitrophenol	0.72	U	0.72	0.058	mg/Kg	☼	10/10/25 08:26	10/11/25 02:46	1
Acenaphthene	0.36	U	0.36	0.010	mg/Kg	☼	10/10/25 08:26	10/11/25 02:46	1
Acenaphthylene	0.36	U	0.36	0.010	mg/Kg	☼	10/10/25 08:26	10/11/25 02:46	1
Acetophenone	0.36	U	0.36	0.017	mg/Kg	☼	10/10/25 08:26	10/11/25 02:46	1
Anthracene	0.36	U	0.36	0.011	mg/Kg	☼	10/10/25 08:26	10/11/25 02:46	1
Atrazine	0.14	U	0.14	0.021	mg/Kg	☼	10/10/25 08:26	10/11/25 02:46	1
Benzaldehyde	0.36	U	0.36	0.059	mg/Kg	☼	10/10/25 08:26	10/11/25 02:46	1
Benzo[a]anthracene	0.036	U	0.036	0.027	mg/Kg	☼	10/10/25 08:26	10/11/25 02:46	1
Benzo[a]pyrene	0.036	U	0.036	0.0095	mg/Kg	☼	10/10/25 08:26	10/11/25 02:46	1
Benzo[b]fluoranthene	**0.014**	**J**	0.036	0.0092	mg/Kg	☼	10/10/25 08:26	10/11/25 02:46	1
Benzo[g,h,i]perylene	0.36	U	0.36	0.011	mg/Kg	☼	10/10/25 08:26	10/11/25 02:46	1
Benzo[k]fluoranthene	0.036	U	0.036	0.0070	mg/Kg	☼	10/10/25 08:26	10/11/25 02:46	1
Bis(2-chloroethoxy)methane	0.36	U	0.36	0.066	mg/Kg	☼	10/10/25 08:26	10/11/25 02:46	1
Bis(2-chloroethyl)ether	0.036	U	0.036	0.012	mg/Kg	☼	10/10/25 08:26	10/11/25 02:46	1
Bis(2-ethylhexyl) phthalate	0.36	U	0.36	0.019	mg/Kg	☼	10/10/25 08:26	10/11/25 02:46	1
Butyl benzyl phthalate	0.36	U	0.36	0.017	mg/Kg	☼	10/10/25 08:26	10/11/25 02:46	1
Caprolactam	0.36	U	0.36	0.055	mg/Kg	☼	10/10/25 08:26	10/11/25 02:46	1
Carbazole	0.36	U	0.36	0.014	mg/Kg	☼	10/10/25 08:26	10/11/25 02:46	1
Chrysene	**0.015**	**J**	0.36	0.015	mg/Kg	☼	10/10/25 08:26	10/11/25 02:46	1
Dibenz(a,h)anthracene	0.036	U	0.036	0.015	mg/Kg	☼	10/10/25 08:26	10/11/25 02:46	1
Dibenzofuran	0.36	U	0.36	0.012	mg/Kg	☼	10/10/25 08:26	10/11/25 02:46	1

Client Sample ID: 3D_0-7
Date Collected: 10/08/25 15:20
Date Received: 10/08/25 17:00

Lab Sample ID: 460-336761-19
Matrix: Solid
Percent Solids: 92.3

Method: SW846 8270E - Semivolatile Organic Compounds (GC/MS) (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Diethyl phthalate	0.36	U	0.36	0.011	mg/Kg	☼	10/10/25 08:26	10/11/25 02:46	1
Dimethyl phthalate	0.36	U	0.36	0.081	mg/Kg	☼	10/10/25 08:26	10/11/25 02:46	1
Di-n-butyl phthalate	0.36	U	0.36	0.013	mg/Kg	☼	10/10/25 08:26	10/11/25 02:46	1
Di-n-octyl phthalate	0.36	U	0.36	0.019	mg/Kg	☼	10/10/25 08:26	10/11/25 02:46	1
Fluoranthene	**0.017**	**J**	0.36	0.012	mg/Kg	☼	10/10/25 08:26	10/11/25 02:46	1
Fluorene	0.36	U	0.36	0.010	mg/Kg	☼	10/10/25 08:26	10/11/25 02:46	1
Hexachlorobenzene	0.036	U	0.036	0.017	mg/Kg	☼	10/10/25 08:26	10/11/25 02:46	1
Hexachlorobutadiene	0.072	U	0.072	0.0076	mg/Kg	☼	10/10/25 08:26	10/11/25 02:46	1
Hexachlorocyclopentadiene	0.36	U	0.36	0.031	mg/Kg	☼	10/10/25 08:26	10/11/25 02:46	1
Hexachloroethane	0.036	U	0.036	0.012	mg/Kg	☼	10/10/25 08:26	10/11/25 02:46	1
Indeno[1,2,3-cd]pyrene	0.036	U	0.036	0.014	mg/Kg	☼	10/10/25 08:26	10/11/25 02:46	1
Isophorone	0.14	U	0.14	0.10	mg/Kg	☼	10/10/25 08:26	10/11/25 02:46	1
Naphthalene	**0.056**	**J**	0.36	0.0062	mg/Kg	☼	10/10/25 08:26	10/11/25 02:46	1
Nitrobenzene	0.036	U	0.036	0.020	mg/Kg	☼	10/10/25 08:26	10/11/25 02:46	1
N-Nitrosodi-n-propylamine	0.036	U	0.036	0.026	mg/Kg	☼	10/10/25 08:26	10/11/25 02:46	1
N-Nitrosodiphenylamine	0.36	U	0.36	0.029	mg/Kg	☼	10/10/25 08:26	10/11/25 02:46	1
Pentachlorophenol	0.29	U	0.29	0.073	mg/Kg	☼	10/10/25 08:26	10/11/25 02:46	1
Phenanthrene	**0.031**	**J**	0.36	0.015	mg/Kg	☼	10/10/25 08:26	10/11/25 02:46	1
Phenol	0.36	U	0.36	0.013	mg/Kg	☼	10/10/25 08:26	10/11/25 02:46	1
Pyrene	**0.017**	**J**	0.36	0.0089	mg/Kg	☼	10/10/25 08:26	10/11/25 02:46	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
2,4,6-Tribromophenol (Surr)	*60*		*18 - 137*	*10/10/25 08:26*	*10/11/25 02:46*	*1*
2-Fluorobiphenyl	*64*		*33 - 117*	*10/10/25 08:26*	*10/11/25 02:46*	*1*
2-Fluorophenol (Surr)	*61*		*24 - 120*	*10/10/25 08:26*	*10/11/25 02:46*	*1*
Nitrobenzene-d5 (Surr)	*64*		*27 - 120*	*10/10/25 08:26*	*10/11/25 02:46*	*1*
Phenol-d5 (Surr)	*65*		*28 - 118*	*10/10/25 08:26*	*10/11/25 02:46*	*1*
Terphenyl-d14 (Surr)	*70*		*33 - 124*	*10/10/25 08:26*	*10/11/25 02:46*	*1*

Method: SW846 8081B - Organochlorine Pesticides (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
4,4'-DDD	0.0073	U	0.0073	0.0012	mg/Kg	☼	10/09/25 17:52	10/10/25 19:08	1
4,4'-DDE	0.0073	U	0.0073	0.00086	mg/Kg	☼	10/09/25 17:52	10/10/25 19:08	1
4,4'-DDT	0.0073	U	0.0073	0.0013	mg/Kg	☼	10/09/25 17:52	10/10/25 19:08	1
Aldrin	0.0073	U	0.0073	0.0011	mg/Kg	☼	10/09/25 17:52	10/10/25 19:08	1
alpha-BHC	0.0022	U	0.0022	0.00074	mg/Kg	☼	10/09/25 17:52	10/10/25 19:08	1
beta-BHC	0.0022	U	0.0022	0.00081	mg/Kg	☼	10/09/25 17:52	10/10/25 19:08	1
Chlordane (technical)	0.073	U	0.073	0.018	mg/Kg	☼	10/09/25 17:52	10/10/25 19:08	1
cis-Chlordane	0.0073	U	0.0073	0.0011	mg/Kg	☼	10/09/25 17:52	10/10/25 19:08	1
delta-BHC	0.0022	U	0.0022	0.00044	mg/Kg	☼	10/09/25 17:52	10/10/25 19:08	1
Dieldrin	0.0022	U	0.0022	0.00094	mg/Kg	☼	10/09/25 17:52	10/10/25 19:08	1
Endosulfan I	0.0073	U	0.0073	0.0011	mg/Kg	☼	10/09/25 17:52	10/10/25 19:08	1
Endosulfan II	0.0073	U	0.0073	0.0019	mg/Kg	☼	10/09/25 17:52	10/10/25 19:08	1
Endosulfan sulfate	0.0073	U	0.0073	0.00091	mg/Kg	☼	10/09/25 17:52	10/10/25 19:08	1
Endrin	0.0073	U	0.0073	0.0010	mg/Kg	☼	10/09/25 17:52	10/10/25 19:08	1
Endrin aldehyde	0.0073	U	0.0073	0.0017	mg/Kg	☼	10/09/25 17:52	10/10/25 19:08	1
Endrin ketone	0.0073	U	0.0073	0.0014	mg/Kg	☼	10/09/25 17:52	10/10/25 19:08	1
gamma-BHC (Lindane)	0.0022	U	0.0022	0.00067	mg/Kg	☼	10/09/25 17:52	10/10/25 19:08	1
Heptachlor	0.0073	U	0.0073	0.00086	mg/Kg	☼	10/09/25 17:52	10/10/25 19:08	1
Heptachlor epoxide	0.0073	U	0.0073	0.0011	mg/Kg	☼	10/09/25 17:52	10/10/25 19:08	1

Client Sample ID: 3D_0-7
Date Collected: 10/08/25 15:20
Date Received: 10/08/25 17:00

Lab Sample ID: 460-336761-19
Matrix: Solid
Percent Solids: 92.3

Method: SW846 8081B - Organochlorine Pesticides (GC) (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Methoxychlor	0.0073	U	0.0073	0.0017	mg/Kg	☼	10/09/25 17:52	10/10/25 19:08	1
Toxaphene	0.073	U	0.073	0.026	mg/Kg	☼	10/09/25 17:52	10/10/25 19:08	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
DCB Decachlorobiphenyl	*127*		*10 - 150*	*10/09/25 17:52*	*10/10/25 19:08*	*1*
DCB Decachlorobiphenyl	*130*		*10 - 150*	*10/09/25 17:52*	*10/10/25 19:08*	*1*
Tetrachloro-m-xylene	*111*		*14 - 150*	*10/09/25 17:52*	*10/10/25 19:08*	*1*
Tetrachloro-m-xylene	*103*		*14 - 150*	*10/09/25 17:52*	*10/10/25 19:08*	*1*

Method: SW846 8082A - Polychlorinated Biphenyls (PCBs) by Gas Chromatography

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Aroclor 1016	0.073	U	0.073	0.019	mg/Kg	☼	10/09/25 17:24	10/11/25 01:15	1
Aroclor 1221	0.073	U	0.073	0.019	mg/Kg	☼	10/09/25 17:24	10/11/25 01:15	1
Aroclor 1232	0.073	U	0.073	0.019	mg/Kg	☼	10/09/25 17:24	10/11/25 01:15	1
Aroclor 1242	0.073	U	0.073	0.019	mg/Kg	☼	10/09/25 17:24	10/11/25 01:15	1
Aroclor 1248	0.073	U	0.073	0.019	mg/Kg	☼	10/09/25 17:24	10/11/25 01:15	1
Aroclor 1254	0.073	U	0.073	0.019	mg/Kg	☼	10/09/25 17:24	10/11/25 01:15	1
Aroclor 1260	0.073	U	0.073	0.019	mg/Kg	☼	10/09/25 17:24	10/11/25 01:15	1
Aroclor-1262	0.073	U	0.073	0.019	mg/Kg	☼	10/09/25 17:24	10/11/25 01:15	1
Aroclor 1268	0.073	U	0.073	0.019	mg/Kg	☼	10/09/25 17:24	10/11/25 01:15	1
Polychlorinated biphenyls, Total	0.073	U	0.073	0.019	mg/Kg	☼	10/09/25 17:24	10/11/25 01:15	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
DCB Decachlorobiphenyl	*120*		*10 - 150*	*10/09/25 17:24*	*10/11/25 01:15*	*1*
DCB Decachlorobiphenyl	*131*		*10 - 150*	*10/09/25 17:24*	*10/11/25 01:15*	*1*
Tetrachloro-m-xylene	*105*		*10 - 150*	*10/09/25 17:24*	*10/11/25 01:15*	*1*
Tetrachloro-m-xylene	*108*		*10 - 150*	*10/09/25 17:24*	*10/11/25 01:15*	*1*

Method: EPA 1633A - Per- and Polyfluoroalkyl Substances by LC/MS/MS, 1633A

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Perfluorobutanoic acid (PFBA)	0.39	U	0.39	0.099	ug/Kg	☼	10/15/25 07:11	10/16/25 15:03	1
Perfluoropentanoic acid (PFPeA)	0.20	U	0.20	0.099	ug/Kg	☼	10/15/25 07:11	10/16/25 15:03	1
Perfluorohexanoic acid (PFHxA)	0.20	U	0.20	0.099	ug/Kg	☼	10/15/25 07:11	10/16/25 15:03	1
Perfluoroheptanoic acid (PFHpA)	0.20	U	0.20	0.099	ug/Kg	☼	10/15/25 07:11	10/16/25 15:03	1
Perfluorooctanoic acid (PFOA)	**0.22**		0.20	0.059	ug/Kg	☼	10/15/25 07:11	10/16/25 15:03	1
Perfluorononanoic acid (PFNA)	**0.36**		0.20	0.099	ug/Kg	☼	10/15/25 07:11	10/16/25 15:03	1
Perfluorodecanoic acid (PFDA)	**0.099**	**J**	0.20	0.059	ug/Kg	☼	10/15/25 07:11	10/16/25 15:03	1
Perfluoroundecanoic acid (PFUnA)	**0.31**		0.20	0.099	ug/Kg	☼	10/15/25 07:11	10/16/25 15:03	1
Perfluorododecanoic acid (PFDoA)	0.20	U	0.20	0.099	ug/Kg	☼	10/15/25 07:11	10/16/25 15:03	1
Perfluorotridecanoic acid (PFTrDA)	**0.20**		0.20	0.099	ug/Kg	☼	10/15/25 07:11	10/16/25 15:03	1
Perfluorotetradecanoic acid (PFTeDA)	0.20	U	0.20	0.099	ug/Kg	☼	10/15/25 07:11	10/16/25 15:03	1
Perfluorobutanesulfonic acid (PFBS)	0.20	U	0.20	0.099	ug/Kg	☼	10/15/25 07:11	10/16/25 15:03	1
Perfluoropentanesulfonic acid (PFPeS)	0.20	U	0.20	0.099	ug/Kg	☼	10/15/25 07:11	10/16/25 15:03	1
Perfluorohexanesulfonic acid (PFHxS)	0.20	U	0.20	0.099	ug/Kg	☼	10/15/25 07:11	10/16/25 15:03	1
Perfluoroheptanesulfonic acid (PFHpS)	0.20	U	0.20	0.099	ug/Kg	☼	10/15/25 07:11	10/16/25 15:03	1
Perfluorooctanesulfonic acid (PFOS)	0.20	U	0.20	0.099	ug/Kg	☼	10/15/25 07:11	10/16/25 15:03	1
Perfluorononanesulfonic acid (PFNS)	0.20	U	0.20	0.099	ug/Kg	☼	10/15/25 07:11	10/16/25 15:03	1

Client Sample ID: 3D_0-7
Date Collected: 10/08/25 15:20
Date Received: 10/08/25 17:00

Lab Sample ID: 460-336761-19
Matrix: Solid
Percent Solids: 92.3

Method: EPA 1633A - Per- and Polyfluoroalkyl Substances by LC/MS/MS, 1633A (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Perfluorodecanesulfonic acid (PFDS)	0.20	U	0.20	0.099	ug/Kg	☼	10/15/25 07:11	10/16/25 15:03	1
Perfluorododecanesulfonic acid (PFDoS)	0.20	U	0.20	0.099	ug/Kg	☼	10/15/25 07:11	10/16/25 15:03	1
1H,1H,2H,2H-Perfluorohexane sulfonic acid (4:2 FTS)	0.39	U	0.39	0.20	ug/Kg	☼	10/15/25 07:11	10/16/25 15:03	1
1H,1H,2H,2H-Perfluorooctane sulfonic acid (6:2 FTS)	0.39	U	0.39	0.20	ug/Kg	☼	10/15/25 07:11	10/16/25 15:03	1
1H,1H,2H,2H-Perfluorodecane sulfonic acid (8:2 FTS)	0.39	U	0.39	0.20	ug/Kg	☼	10/15/25 07:11	10/16/25 15:03	1
Perfluorooctanesulfonamide (PFOSA)	0.20	U	0.20	0.099	ug/Kg	☼	10/15/25 07:11	10/16/25 15:03	1
N-methylperfluorooctane sulfonamide (NMeFOSA)	0.20	U	0.20	0.099	ug/Kg	☼	10/15/25 07:11	10/16/25 15:03	1
N-ethylperfluorooctane sulfonamide (NEtFOSA)	0.20	U	0.20	0.099	ug/Kg	☼	10/15/25 07:11	10/16/25 15:03	1
N-methylperfluorooctanesulfonamidoacetic acid (NMeFOSAA)	0.20	U	0.20	0.099	ug/Kg	☼	10/15/25 07:11	10/16/25 15:03	1
N-ethylperfluorooctanesulfonamidoacetic acid (NEtFOSAA)	0.20	U	0.20	0.099	ug/Kg	☼	10/15/25 07:11	10/16/25 15:03	1
N-methylperfluorooctane sulfonamidoethanol (NMeFOSE)	0.99	U	0.99	0.49	ug/Kg	☼	10/15/25 07:11	10/16/25 15:03	1
N-ethylperfluorooctane sulfonamidoethanol (NEtFOSE)	0.99	U	0.99	0.49	ug/Kg	☼	10/15/25 07:11	10/16/25 15:03	1
Hexafluoropropylene Oxide Dimer Acid (HFPO-DA)	0.20	U	0.20	0.099	ug/Kg	☼	10/15/25 07:11	10/16/25 15:03	1
4,8-Dioxa-3H-perfluorononanoic acid (ADONA)	0.20	U	0.20	0.099	ug/Kg	☼	10/15/25 07:11	10/16/25 15:03	1
Perfluoro-3-methoxypropanoic acid (PFMPA)	0.20	U	0.20	0.099	ug/Kg	☼	10/15/25 07:11	10/16/25 15:03	1
Perfluoro-4-methoxybutanoic acid (PFMBA)	0.20	U	0.20	0.099	ug/Kg	☼	10/15/25 07:11	10/16/25 15:03	1
Nonafluoro-3,6-dioxaheptanoic acid (NFDHA)	0.20	U	0.20	0.099	ug/Kg	☼	10/15/25 07:11	10/16/25 15:03	1
9-Chlorohexadecafluoro-3-oxanonane-1-sulfonic acid (9Cl-PF3ONS)	0.20	U	0.20	0.099	ug/Kg	☼	10/15/25 07:11	10/16/25 15:03	1
11-Chloroeicosafluoro-3-oxaundecane-1-sulfonic acid (11Cl-PF3OUdS)	0.20	U	0.20	0.099	ug/Kg	☼	10/15/25 07:11	10/16/25 15:03	1
Perfluoro (2-ethoxyethane) sulfonic acid (PFEESA)	0.20	U	0.20	0.099	ug/Kg	☼	10/15/25 07:11	10/16/25 15:03	1
3-Perfluoropropylpropanoic acid (3:3 FTCA)	0.39	U	0.39	0.20	ug/Kg	☼	10/15/25 07:11	10/16/25 15:03	1
3-Perfluoropentylpropanoic acid (5:3 FTCA)	0.99	U	0.99	0.49	ug/Kg	☼	10/15/25 07:11	10/16/25 15:03	1
3-Perfluoroheptylpropanoic acid (7:3 FTCA)	0.99	U	0.99	0.49	ug/Kg	☼	10/15/25 07:11	10/16/25 15:03	1

Isotope Dilution	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
13C4 PFBA	*82.3*		*8 - 130*	*10/15/25 07:11*	*10/16/25 15:03*	*1*
13C5 PFPeA	*81.4*		*35 - 130*	*10/15/25 07:11*	*10/16/25 15:03*	*1*
13C5 PFHxA	*85.3*		*40 - 130*	*10/15/25 07:11*	*10/16/25 15:03*	*1*
13C4 PFHpA	*87.7*		*40 - 130*	*10/15/25 07:11*	*10/16/25 15:03*	*1*
13C8 PFOA	*80.5*		*40 - 130*	*10/15/25 07:11*	*10/16/25 15:03*	*1*
13C9 PFNA	*85.5*		*40 - 130*	*10/15/25 07:11*	*10/16/25 15:03*	*1*
13C6 PFDA	*78.1*		*40 - 130*	*10/15/25 07:11*	*10/16/25 15:03*	*1*
13C7 PFUnA	*83.2*		*40 - 130*	*10/15/25 07:11*	*10/16/25 15:03*	*1*
13C2 PFTeDA	*54.5*		*20 - 130*	*10/15/25 07:11*	*10/16/25 15:03*	*1*

Client Sample ID: 3D_0-7

Date Collected: 10/08/25 15:20
Date Received: 10/08/25 17:00

Lab Sample ID: 460-336761-19

Matrix: Solid
Percent Solids: 92.3

Method: EPA 1633A - Per- and Polyfluoroalkyl Substances by LC/MS/MS, 1633A (Continued)

Isotope Dilution	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
13C3 PFBS	81.9		40 - 135	10/15/25 07:11	10/16/25 15:03	1
13C3 PFHxS	80.4		40 - 130	10/15/25 07:11	10/16/25 15:03	1
13C8 PFOS	80.6		40 - 130	10/15/25 07:11	10/16/25 15:03	1
13C8 FOSA	69.0		40 - 130	10/15/25 07:11	10/16/25 15:03	1
d3-NMeFOSAA	68.1		40 - 135	10/15/25 07:11	10/16/25 15:03	1
d5-NEtFOSAA	66.6		40 - 150	10/15/25 07:11	10/16/25 15:03	1
13C2 4:2 FTS	121		40 - 165	10/15/25 07:11	10/16/25 15:03	1
13C2 6:2 FTS	105		40 - 215	10/15/25 07:11	10/16/25 15:03	1
13C2 8:2 FTS	84.1		40 - 275	10/15/25 07:11	10/16/25 15:03	1
13C3 HFPO-DA	85.1		40 - 130	10/15/25 07:11	10/16/25 15:03	1
d7-N-MeFOSE-M	63.0		20 - 130	10/15/25 07:11	10/16/25 15:03	1
d9-N-EtFOSE-M	48.9		15 - 130	10/15/25 07:11	10/16/25 15:03	1
d5-NEtPFOSA	61.6		10 - 130	10/15/25 07:11	10/16/25 15:03	1
d3-NMePFOSA	68.4		10 - 130	10/15/25 07:11	10/16/25 15:03	1
13C2 PFDoA	73.9		40 - 130	10/15/25 07:11	10/16/25 15:03	1

Method: SW846 6020B - Metals (ICP/MS)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Aluminum	3170		19.4	5.3	mg/Kg	☼	10/15/25 11:04	10/15/25 17:16	1
Antimony	2.3		0.97	0.14	mg/Kg	☼	10/15/25 11:04	10/15/25 17:16	1
Arsenic	11.9		0.97	0.10	mg/Kg	☼	10/15/25 11:04	10/15/25 17:16	1
Barium	24.1		1.9	0.14	mg/Kg	☼	10/15/25 11:04	10/15/25 17:16	1
Beryllium	0.29	J	0.39	0.021	mg/Kg	☼	10/15/25 11:04	10/15/25 17:16	1
Cadmium	0.97	U	0.97	0.11	mg/Kg	☼	10/15/25 11:04	10/15/25 17:16	1
Calcium	478		96.8	9.4	mg/Kg	☼	10/15/25 11:04	10/15/25 17:16	1
Chromium	9.0		1.9	0.29	mg/Kg	☼	10/15/25 11:04	10/15/25 17:16	1
Cobalt	2.4		0.97	0.14	mg/Kg	☼	10/15/25 11:04	10/15/25 17:16	1
Copper	29.4		1.9	0.36	mg/Kg	☼	10/15/25 11:04	10/15/25 17:16	1
Iron	12400		58.1	7.4	mg/Kg	☼	10/15/25 11:04	10/15/25 17:16	1
Lead	54.4		0.58	0.19	mg/Kg	☼	10/15/25 11:04	10/15/25 17:16	1
Magnesium	777		96.8	9.9	mg/Kg	☼	10/15/25 11:04	10/15/25 17:16	1
Manganese	77.7		3.9	0.39	mg/Kg	☼	10/15/25 11:04	10/15/25 17:16	1
Nickel	4.7		1.9	0.17	mg/Kg	☼	10/15/25 11:04	10/15/25 17:16	1
Potassium	565		96.8	15.7	mg/Kg	☼	10/15/25 11:04	10/15/25 17:16	1
Selenium	0.61	J	1.2	0.12	mg/Kg	☼	10/15/25 11:04	10/15/25 17:16	1
Silver	0.35	J	0.39	0.086	mg/Kg	☼	10/15/25 11:04	10/15/25 17:16	1
Sodium	96.8	U	96.8	44.2	mg/Kg	☼	10/15/25 11:04	10/15/25 17:16	1
Thallium	0.081	J	0.39	0.040	mg/Kg	☼	10/15/25 11:04	10/15/25 17:16	1
Vanadium	15.5		1.9	0.20	mg/Kg	☼	10/15/25 11:04	10/15/25 17:16	1
Zinc	25.8		7.7	1.1	mg/Kg	☼	10/15/25 11:04	10/15/25 17:16	1

Method: SW846 7471B - Mercury (CVAA)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	0.066		0.018	0.0083	mg/Kg	☼	10/17/25 05:53	10/17/25 13:19	1

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Percent Moisture (EPA Moisture)	7.7		1.0	1.0	%			10/09/25 15:55	1
Percent Solids (EPA Moisture)	92.3		1.0	1.0	%			10/09/25 15:55	1

Client Sample ID: 3D_7-14
Date Collected: 10/08/25 15:15
Date Received: 10/08/25 17:00

Lab Sample ID: 460-336761-20
Matrix: Solid
Percent Solids: 88.4

Method: SW846 8270E - Semivolatile Organic Compounds (GC/MS)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1'-Biphenyl	0.37	U	0.37	0.013	mg/Kg	☼	10/10/25 08:26	10/11/25 03:08	1
1,2,4,5-Tetrachlorobenzene	0.37	U	0.37	0.012	mg/Kg	☼	10/10/25 08:26	10/11/25 03:08	1
1,4-Dioxane	0.037	U	0.037	0.033	mg/Kg	☼	10/10/25 08:26	10/11/25 03:08	1
2,2'-oxybis[1-chloropropane]	0.37	U	0.37	0.022	mg/Kg	☼	10/10/25 08:26	10/11/25 03:08	1
2,3,4,6-Tetrachlorophenol	0.37	U	0.37	0.025	mg/Kg	☼	10/10/25 08:26	10/11/25 03:08	1
2,4,5-Trichlorophenol	0.37	U	0.37	0.038	mg/Kg	☼	10/10/25 08:26	10/11/25 03:08	1
2,4,6-Trichlorophenol	0.15	U	0.15	0.048	mg/Kg	☼	10/10/25 08:26	10/11/25 03:08	1
2,4-Dichlorophenol	0.15	U	0.15	0.024	mg/Kg	☼	10/10/25 08:26	10/11/25 03:08	1
2,4-Dimethylphenol	0.37	U	0.37	0.044	mg/Kg	☼	10/10/25 08:26	10/11/25 03:08	1
2,4-Dinitrophenol	0.30	U	0.30	0.18	mg/Kg	☼	10/10/25 08:26	10/11/25 03:08	1
2,4-Dinitrotoluene	0.075	U	0.075	0.040	mg/Kg	☼	10/10/25 08:26	10/11/25 03:08	1
2,6-Dinitrotoluene	0.075	U	0.075	0.027	mg/Kg	☼	10/10/25 08:26	10/11/25 03:08	1
2-Chloronaphthalene	0.37	U	0.37	0.048	mg/Kg	☼	10/10/25 08:26	10/11/25 03:08	1
2-Chlorophenol	0.37	U	0.37	0.013	mg/Kg	☼	10/10/25 08:26	10/11/25 03:08	1
2-Methylnaphthalene	0.37	U	0.37	0.010	mg/Kg	☼	10/10/25 08:26	10/11/25 03:08	1
2-Methylphenol	0.37	U	0.37	0.014	mg/Kg	☼	10/10/25 08:26	10/11/25 03:08	1
2-Nitroaniline	0.37	U	0.37	0.028	mg/Kg	☼	10/10/25 08:26	10/11/25 03:08	1
2-Nitrophenol	0.37	U	0.37	0.037	mg/Kg	☼	10/10/25 08:26	10/11/25 03:08	1
3 & 4 Methylphenol	0.37	U	0.37	0.023	mg/Kg	☼	10/10/25 08:26	10/11/25 03:08	1
3,3'-Dichlorobenzidine	0.15	U	0.15	0.056	mg/Kg	☼	10/10/25 08:26	10/11/25 03:08	1
3-Nitroaniline	0.37	U	0.37	0.088	mg/Kg	☼	10/10/25 08:26	10/11/25 03:08	1
4,6-Dinitro-2-methylphenol	0.30	U	0.30	0.15	mg/Kg	☼	10/10/25 08:26	10/11/25 03:08	1
4-Bromophenyl phenyl ether	0.37	U	0.37	0.015	mg/Kg	☼	10/10/25 08:26	10/11/25 03:08	1
4-Chloro-3-methylphenol	0.37	U	0.37	0.021	mg/Kg	☼	10/10/25 08:26	10/11/25 03:08	1
4-Chloroaniline	0.37	U	0.37	0.066	mg/Kg	☼	10/10/25 08:26	10/11/25 03:08	1
4-Chlorophenyl phenyl ether	0.37	U	0.37	0.013	mg/Kg	☼	10/10/25 08:26	10/11/25 03:08	1
4-Methylphenol	0.37	U	0.37	0.023	mg/Kg	☼	10/10/25 08:26	10/11/25 03:08	1
4-Nitroaniline	0.37	U	0.37	0.094	mg/Kg	☼	10/10/25 08:26	10/11/25 03:08	1
4-Nitrophenol	0.75	U	0.75	0.061	mg/Kg	☼	10/10/25 08:26	10/11/25 03:08	1
Acenaphthene	0.37	U	0.37	0.011	mg/Kg	☼	10/10/25 08:26	10/11/25 03:08	1
Acenaphthylene	**0.012**	**J**	0.37	0.011	mg/Kg	☼	10/10/25 08:26	10/11/25 03:08	1
Acetophenone	0.37	U	0.37	0.018	mg/Kg	☼	10/10/25 08:26	10/11/25 03:08	1
Anthracene	**0.012**	**J**	0.37	0.011	mg/Kg	☼	10/10/25 08:26	10/11/25 03:08	1
Atrazine	0.15	U	0.15	0.022	mg/Kg	☼	10/10/25 08:26	10/11/25 03:08	1
Benzaldehyde	0.37	U	0.37	0.062	mg/Kg	☼	10/10/25 08:26	10/11/25 03:08	1
Benzo[a]anthracene	0.037	U	0.037	0.028	mg/Kg	☼	10/10/25 08:26	10/11/25 03:08	1
Benzo[a]pyrene	**0.018**	**J**	0.037	0.0099	mg/Kg	☼	10/10/25 08:26	10/11/25 03:08	1
Benzo[b]fluoranthene	**0.028**	**J**	0.037	0.0096	mg/Kg	☼	10/10/25 08:26	10/11/25 03:08	1
Benzo[g,h,i]perylene	**0.018**	**J**	0.37	0.011	mg/Kg	☼	10/10/25 08:26	10/11/25 03:08	1
Benzo[k]fluoranthene	**0.0077**	**J**	0.037	0.0073	mg/Kg	☼	10/10/25 08:26	10/11/25 03:08	1
Bis(2-chloroethoxy)methane	0.37	U	0.37	0.069	mg/Kg	☼	10/10/25 08:26	10/11/25 03:08	1
Bis(2-chloroethyl)ether	0.037	U	0.037	0.013	mg/Kg	☼	10/10/25 08:26	10/11/25 03:08	1
Bis(2-ethylhexyl) phthalate	0.37	U	0.37	0.020	mg/Kg	☼	10/10/25 08:26	10/11/25 03:08	1
Butyl benzyl phthalate	0.37	U	0.37	0.017	mg/Kg	☼	10/10/25 08:26	10/11/25 03:08	1
Caprolactam	0.37	U	0.37	0.058	mg/Kg	☼	10/10/25 08:26	10/11/25 03:08	1
Carbazole	0.37	U	0.37	0.014	mg/Kg	☼	10/10/25 08:26	10/11/25 03:08	1
Chrysene	**0.022**	**J**	0.37	0.016	mg/Kg	☼	10/10/25 08:26	10/11/25 03:08	1
Dibenz(a,h)anthracene	0.037	U	0.037	0.016	mg/Kg	☼	10/10/25 08:26	10/11/25 03:08	1
Dibenzofuran	0.37	U	0.37	0.012	mg/Kg	☼	10/10/25 08:26	10/11/25 03:08	1

Client Sample ID: 3D_7-14
Date Collected: 10/08/25 15:15
Date Received: 10/08/25 17:00

Lab Sample ID: 460-336761-20
Matrix: Solid
Percent Solids: 88.4

Method: SW846 8270E - Semivolatile Organic Compounds (GC/MS) (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Diethyl phthalate	0.37	U	0.37	0.012	mg/Kg	☼	10/10/25 08:26	10/11/25 03:08	1
Dimethyl phthalate	0.37	U	0.37	0.085	mg/Kg	☼	10/10/25 08:26	10/11/25 03:08	1
Di-n-butyl phthalate	0.37	U	0.37	0.014	mg/Kg	☼	10/10/25 08:26	10/11/25 03:08	1
Di-n-octyl phthalate	0.37	U	0.37	0.020	mg/Kg	☼	10/10/25 08:26	10/11/25 03:08	1
Fluoranthene	**0.028**	**J**	0.37	0.013	mg/Kg	☼	10/10/25 08:26	10/11/25 03:08	1
Fluorene	0.37	U	0.37	0.011	mg/Kg	☼	10/10/25 08:26	10/11/25 03:08	1
Hexachlorobenzene	0.037	U	0.037	0.018	mg/Kg	☼	10/10/25 08:26	10/11/25 03:08	1
Hexachlorobutadiene	0.075	U	0.075	0.0079	mg/Kg	☼	10/10/25 08:26	10/11/25 03:08	1
Hexachlorocyclopentadiene	0.37	U	0.37	0.033	mg/Kg	☼	10/10/25 08:26	10/11/25 03:08	1
Hexachloroethane	0.037	U	0.037	0.013	mg/Kg	☼	10/10/25 08:26	10/11/25 03:08	1
Indeno[1,2,3-cd]pyrene	**0.018**	**J**	0.037	0.015	mg/Kg	☼	10/10/25 08:26	10/11/25 03:08	1
Isophorone	0.15	U	0.15	0.11	mg/Kg	☼	10/10/25 08:26	10/11/25 03:08	1
Naphthalene	**0.0087**	**J**	0.37	0.0064	mg/Kg	☼	10/10/25 08:26	10/11/25 03:08	1
Nitrobenzene	0.037	U	0.037	0.021	mg/Kg	☼	10/10/25 08:26	10/11/25 03:08	1
N-Nitrosodi-n-propylamine	0.037	U	0.037	0.027	mg/Kg	☼	10/10/25 08:26	10/11/25 03:08	1
N-Nitrosodiphenylamine	0.37	U	0.37	0.031	mg/Kg	☼	10/10/25 08:26	10/11/25 03:08	1
Pentachlorophenol	0.30	U	0.30	0.076	mg/Kg	☼	10/10/25 08:26	10/11/25 03:08	1
Phenanthrene	**0.027**	**J**	0.37	0.015	mg/Kg	☼	10/10/25 08:26	10/11/25 03:08	1
Phenol	0.37	U	0.37	0.014	mg/Kg	☼	10/10/25 08:26	10/11/25 03:08	1
Pyrene	**0.024**	**J**	0.37	0.0093	mg/Kg	☼	10/10/25 08:26	10/11/25 03:08	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
2,4,6-Tribromophenol (Surr)	*58*		*18 - 137*	*10/10/25 08:26*	*10/11/25 03:08*	*1*
2-Fluorobiphenyl	*65*		*33 - 117*	*10/10/25 08:26*	*10/11/25 03:08*	*1*
2-Fluorophenol (Surr)	*65*		*24 - 120*	*10/10/25 08:26*	*10/11/25 03:08*	*1*
Nitrobenzene-d5 (Surr)	*68*		*27 - 120*	*10/10/25 08:26*	*10/11/25 03:08*	*1*
Phenol-d5 (Surr)	*65*		*28 - 118*	*10/10/25 08:26*	*10/11/25 03:08*	*1*
Terphenyl-d14 (Surr)	*68*		*33 - 124*	*10/10/25 08:26*	*10/11/25 03:08*	*1*

Method: SW846 8081B - Organochlorine Pesticides (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
4,4'-DDD	0.0076	U	0.0076	0.0013	mg/Kg	☼	10/09/25 17:52	10/10/25 19:21	1
4,4'-DDE	0.0076	U	0.0076	0.00089	mg/Kg	☼	10/09/25 17:52	10/10/25 19:21	1
4,4'-DDT	0.0076	U	0.0076	0.0014	mg/Kg	☼	10/09/25 17:52	10/10/25 19:21	1
Aldrin	0.0076	U	0.0076	0.0011	mg/Kg	☼	10/09/25 17:52	10/10/25 19:21	1
alpha-BHC	0.0023	U	0.0023	0.00077	mg/Kg	☼	10/09/25 17:52	10/10/25 19:21	1
beta-BHC	0.0023	U	0.0023	0.00085	mg/Kg	☼	10/09/25 17:52	10/10/25 19:21	1
Chlordane (technical)	0.076	U	0.076	0.018	mg/Kg	☼	10/09/25 17:52	10/10/25 19:21	1
cis-Chlordane	0.0076	U	0.0076	0.0012	mg/Kg	☼	10/09/25 17:52	10/10/25 19:21	1
delta-BHC	0.0023	U	0.0023	0.00046	mg/Kg	☼	10/09/25 17:52	10/10/25 19:21	1
Dieldrin	0.0023	U	0.0023	0.00098	mg/Kg	☼	10/09/25 17:52	10/10/25 19:21	1
Endosulfan I	0.0076	U	0.0076	0.0012	mg/Kg	☼	10/09/25 17:52	10/10/25 19:21	1
Endosulfan II	0.0076	U	0.0076	0.0019	mg/Kg	☼	10/09/25 17:52	10/10/25 19:21	1
Endosulfan sulfate	0.0076	U	0.0076	0.00095	mg/Kg	☼	10/09/25 17:52	10/10/25 19:21	1
Endrin	0.0076	U	0.0076	0.0011	mg/Kg	☼	10/09/25 17:52	10/10/25 19:21	1
Endrin aldehyde	0.0076	U	0.0076	0.0018	mg/Kg	☼	10/09/25 17:52	10/10/25 19:21	1
Endrin ketone	0.0076	U	0.0076	0.0015	mg/Kg	☼	10/09/25 17:52	10/10/25 19:21	1
gamma-BHC (Lindane)	0.0023	U	0.0023	0.00070	mg/Kg	☼	10/09/25 17:52	10/10/25 19:21	1
Heptachlor	0.0076	U	0.0076	0.00089	mg/Kg	☼	10/09/25 17:52	10/10/25 19:21	1
Heptachlor epoxide	0.0076	U	0.0076	0.0011	mg/Kg	☼	10/09/25 17:52	10/10/25 19:21	1

Client Sample ID: 3D_7-14
Date Collected: 10/08/25 15:15
Date Received: 10/08/25 17:00

Lab Sample ID: 460-336761-20
Matrix: Solid
Percent Solids: 88.4

Method: SW846 8081B - Organochlorine Pesticides (GC) (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Methoxychlor	0.0076	U	0.0076	0.0017	mg/Kg	☼	10/09/25 17:52	10/10/25 19:21	1
Toxaphene	0.076	U	0.076	0.027	mg/Kg	☼	10/09/25 17:52	10/10/25 19:21	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
DCB Decachlorobiphenyl	*123*		*10 - 150*	*10/09/25 17:52*	*10/10/25 19:21*	*1*
DCB Decachlorobiphenyl	*118*		*10 - 150*	*10/09/25 17:52*	*10/10/25 19:21*	*1*
Tetrachloro-m-xylene	*101*		*14 - 150*	*10/09/25 17:52*	*10/10/25 19:21*	*1*
Tetrachloro-m-xylene	*96*		*14 - 150*	*10/09/25 17:52*	*10/10/25 19:21*	*1*

Method: SW846 8082A - Polychlorinated Biphenyls (PCBs) by Gas Chromatography

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Aroclor 1016	0.076	U	0.076	0.020	mg/Kg	☼	10/09/25 17:24	10/11/25 01:32	1
Aroclor 1221	0.076	U	0.076	0.020	mg/Kg	☼	10/09/25 17:24	10/11/25 01:32	1
Aroclor 1232	0.076	U	0.076	0.020	mg/Kg	☼	10/09/25 17:24	10/11/25 01:32	1
Aroclor 1242	0.076	U	0.076	0.020	mg/Kg	☼	10/09/25 17:24	10/11/25 01:32	1
Aroclor 1248	0.076	U	0.076	0.020	mg/Kg	☼	10/09/25 17:24	10/11/25 01:32	1
Aroclor 1254	0.076	U	0.076	0.020	mg/Kg	☼	10/09/25 17:24	10/11/25 01:32	1
Aroclor 1260	0.076	U	0.076	0.020	mg/Kg	☼	10/09/25 17:24	10/11/25 01:32	1
Aroclor-1262	0.076	U	0.076	0.020	mg/Kg	☼	10/09/25 17:24	10/11/25 01:32	1
Aroclor 1268	0.076	U	0.076	0.020	mg/Kg	☼	10/09/25 17:24	10/11/25 01:32	1
Polychlorinated biphenyls, Total	0.076	U	0.076	0.020	mg/Kg	☼	10/09/25 17:24	10/11/25 01:32	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
DCB Decachlorobiphenyl	*115*		*10 - 150*	*10/09/25 17:24*	*10/11/25 01:32*	*1*
DCB Decachlorobiphenyl	*132*		*10 - 150*	*10/09/25 17:24*	*10/11/25 01:32*	*1*
Tetrachloro-m-xylene	*98*		*10 - 150*	*10/09/25 17:24*	*10/11/25 01:32*	*1*
Tetrachloro-m-xylene	*106*		*10 - 150*	*10/09/25 17:24*	*10/11/25 01:32*	*1*

Method: EPA 1633A - Per- and Polyfluoroalkyl Substances by LC/MS/MS, 1633A

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Perfluorobutanoic acid (PFBA)	0.40	U	0.40	0.10	ug/Kg	☼	10/15/25 07:11	10/16/25 15:17	1
Perfluoropentanoic acid (PFPeA)	0.20	U	0.20	0.10	ug/Kg	☼	10/15/25 07:11	10/16/25 15:17	1
Perfluorohexanoic acid (PFHxA)	0.20	U	0.20	0.10	ug/Kg	☼	10/15/25 07:11	10/16/25 15:17	1
Perfluoroheptanoic acid (PFHpA)	0.20	U	0.20	0.10	ug/Kg	☼	10/15/25 07:11	10/16/25 15:17	1
Perfluorooctanoic acid (PFOA)	**0.077**	**J**	0.20	0.060	ug/Kg	☼	10/15/25 07:11	10/16/25 15:17	1
Perfluorononanoic acid (PFNA)	**0.49**		0.20	0.10	ug/Kg	☼	10/15/25 07:11	10/16/25 15:17	1
Perfluorodecanoic acid (PFDA)	**0.13**	**J**	0.20	0.060	ug/Kg	☼	10/15/25 07:11	10/16/25 15:17	1
Perfluoroundecanoic acid (PFUnA)	**1.03**		0.20	0.10	ug/Kg	☼	10/15/25 07:11	10/16/25 15:17	1
Perfluorododecanoic acid (PFDoA)	**0.19**	**J**	0.20	0.10	ug/Kg	☼	10/15/25 07:11	10/16/25 15:17	1
Perfluorotridecanoic acid (PFTrDA)	**1.31**		0.20	0.10	ug/Kg	☼	10/15/25 07:11	10/16/25 15:17	1
Perfluorotetradecanoic acid (PFTeDA)	0.20	U	0.20	0.10	ug/Kg	☼	10/15/25 07:11	10/16/25 15:17	1
Perfluorobutanesulfonic acid (PFBS)	0.20	U	0.20	0.10	ug/Kg	☼	10/15/25 07:11	10/16/25 15:17	1
Perfluoropentanesulfonic acid (PFPeS)	0.20	U	0.20	0.10	ug/Kg	☼	10/15/25 07:11	10/16/25 15:17	1
Perfluorohexanesulfonic acid (PFHxS)	0.20	U	0.20	0.10	ug/Kg	☼	10/15/25 07:11	10/16/25 15:17	1
Perfluoroheptanesulfonic acid (PFHpS)	0.20	U	0.20	0.10	ug/Kg	☼	10/15/25 07:11	10/16/25 15:17	1
Perfluorooctanesulfonic acid (PFOS)	0.20	U	0.20	0.10	ug/Kg	☼	10/15/25 07:11	10/16/25 15:17	1
Perfluorononanesulfonic acid (PFNS)	0.20	U	0.20	0.10	ug/Kg	☼	10/15/25 07:11	10/16/25 15:17	1

Client Sample ID: 3D_7-14
Date Collected: 10/08/25 15:15
Date Received: 10/08/25 17:00

Lab Sample ID: 460-336761-20
Matrix: Solid
Percent Solids: 88.4

Method: EPA 1633A - Per- and Polyfluoroalkyl Substances by LC/MS/MS, 1633A (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Perfluorodecanesulfonic acid (PFDS)	0.20	U	0.20	0.10	ug/Kg	☼	10/15/25 07:11	10/16/25 15:17	1
Perfluorododecanesulfonic acid (PFDoS)	0.20	U	0.20	0.10	ug/Kg	☼	10/15/25 07:11	10/16/25 15:17	1
1H,1H,2H,2H-Perfluorohexane sulfonic acid (4:2 FTS)	0.40	U	0.40	0.20	ug/Kg	☼	10/15/25 07:11	10/16/25 15:17	1
1H,1H,2H,2H-Perfluorooctane sulfonic acid (6:2 FTS)	0.40	U	0.40	0.20	ug/Kg	☼	10/15/25 07:11	10/16/25 15:17	1
1H,1H,2H,2H-Perfluorodecane sulfonic acid (8:2 FTS)	0.40	U	0.40	0.20	ug/Kg	☼	10/15/25 07:11	10/16/25 15:17	1
Perfluorooctanesulfonamide (PFOSA)	0.20	U	0.20	0.10	ug/Kg	☼	10/15/25 07:11	10/16/25 15:17	1
N-methylperfluorooctane sulfonamide (NMeFOSA)	0.20	U	0.20	0.10	ug/Kg	☼	10/15/25 07:11	10/16/25 15:17	1
N-ethylperfluorooctane sulfonamide (NEtFOSA)	0.20	U	0.20	0.10	ug/Kg	☼	10/15/25 07:11	10/16/25 15:17	1
N-methylperfluorooctanesulfonamidoacetic acid (NMeFOSAA)	0.20	U	0.20	0.10	ug/Kg	☼	10/15/25 07:11	10/16/25 15:17	1
N-ethylperfluorooctanesulfonamidoacetic acid (NEtFOSAA)	0.20	U	0.20	0.10	ug/Kg	☼	10/15/25 07:11	10/16/25 15:17	1
N-methylperfluorooctane sulfonamidoethanol (NMeFOSE)	1.00	U	1.00	0.50	ug/Kg	☼	10/15/25 07:11	10/16/25 15:17	1
N-ethylperfluorooctane sulfonamidoethanol (NEtFOSE)	1.00	U	1.00	0.50	ug/Kg	☼	10/15/25 07:11	10/16/25 15:17	1
Hexafluoropropylene Oxide Dimer Acid (HFPO-DA)	0.20	U	0.20	0.10	ug/Kg	☼	10/15/25 07:11	10/16/25 15:17	1
4,8-Dioxa-3H-perfluorononanoic acid (ADONA)	0.20	U	0.20	0.10	ug/Kg	☼	10/15/25 07:11	10/16/25 15:17	1
Perfluoro-3-methoxypropanoic acid (PFMPA)	0.20	U	0.20	0.10	ug/Kg	☼	10/15/25 07:11	10/16/25 15:17	1
Perfluoro-4-methoxybutanoic acid (PFMBA)	0.20	U	0.20	0.10	ug/Kg	☼	10/15/25 07:11	10/16/25 15:17	1
Nonafluoro-3,6-dioxaheptanoic acid (NFDHA)	0.20	U	0.20	0.10	ug/Kg	☼	10/15/25 07:11	10/16/25 15:17	1
9-Chlorohexadecafluoro-3-oxanonane-1-sulfonic acid (9Cl-PF3ONS)	0.20	U	0.20	0.10	ug/Kg	☼	10/15/25 07:11	10/16/25 15:17	1
11-Chloroeicosafluoro-3-oxaundecane-1-sulfonic acid (11Cl-PF3OUdS)	0.20	U	0.20	0.10	ug/Kg	☼	10/15/25 07:11	10/16/25 15:17	1
Perfluoro (2-ethoxyethane) sulfonic acid (PFEESA)	0.20	U	0.20	0.10	ug/Kg	☼	10/15/25 07:11	10/16/25 15:17	1
3-Perfluoropropylpropanoic acid (3:3 FTCA)	0.40	U	0.40	0.20	ug/Kg	☼	10/15/25 07:11	10/16/25 15:17	1
3-Perfluoropentylpropanoic acid (5:3 FTCA)	1.00	U	1.00	0.50	ug/Kg	☼	10/15/25 07:11	10/16/25 15:17	1
3-Perfluoroheptylpropanoic acid (7:3 FTCA)	1.00	U	1.00	0.50	ug/Kg	☼	10/15/25 07:11	10/16/25 15:17	1

Isotope Dilution	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
13C4 PFBA	*85.1*		*8 - 130*	*10/15/25 07:11*	*10/16/25 15:17*	*1*
13C5 PFPeA	*87.6*		*35 - 130*	*10/15/25 07:11*	*10/16/25 15:17*	*1*
13C5 PFHxA	*85.8*		*40 - 130*	*10/15/25 07:11*	*10/16/25 15:17*	*1*
13C4 PFHpA	*95.5*		*40 - 130*	*10/15/25 07:11*	*10/16/25 15:17*	*1*
13C8 PFOA	*81.9*		*40 - 130*	*10/15/25 07:11*	*10/16/25 15:17*	*1*
13C9 PFNA	*83.6*		*40 - 130*	*10/15/25 07:11*	*10/16/25 15:17*	*1*
13C6 PFDA	*82.9*		*40 - 130*	*10/15/25 07:11*	*10/16/25 15:17*	*1*
13C7 PFUnA	*90.1*		*40 - 130*	*10/15/25 07:11*	*10/16/25 15:17*	*1*
13C2 PFTeDA	*80.4*		*20 - 130*	*10/15/25 07:11*	*10/16/25 15:17*	*1*

Client Sample ID: 3D_7-14
Date Collected: 10/08/25 15:15
Date Received: 10/08/25 17:00

Lab Sample ID: 460-336761-20
Matrix: Solid
Percent Solids: 88.4

Method: EPA 1633A - Per- and Polyfluoroalkyl Substances by LC/MS/MS, 1633A (Continued)

Isotope Dilution	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
13C3 PFBS	81.5		40 - 135	10/15/25 07:11	10/16/25 15:17	1
13C3 PFHxS	81.1		40 - 130	10/15/25 07:11	10/16/25 15:17	1
13C8 PFOS	82.4		40 - 130	10/15/25 07:11	10/16/25 15:17	1
13C8 FOSA	73.0		40 - 130	10/15/25 07:11	10/16/25 15:17	1
d3-NMeFOSAA	82.3		40 - 135	10/15/25 07:11	10/16/25 15:17	1
d5-NEtFOSAA	88.1		40 - 150	10/15/25 07:11	10/16/25 15:17	1
13C2 4:2 FTS	129		40 - 165	10/15/25 07:11	10/16/25 15:17	1
13C2 6:2 FTS	118		40 - 215	10/15/25 07:11	10/16/25 15:17	1
13C2 8:2 FTS	96.2		40 - 275	10/15/25 07:11	10/16/25 15:17	1
13C3 HFPO-DA	85.9		40 - 130	10/15/25 07:11	10/16/25 15:17	1
d7-N-MeFOSE-M	56.6		20 - 130	10/15/25 07:11	10/16/25 15:17	1
d9-N-EtFOSE-M	46.8		15 - 130	10/15/25 07:11	10/16/25 15:17	1
d5-NEtPFOSA	66.7		10 - 130	10/15/25 07:11	10/16/25 15:17	1
d3-NMePFOSA	73.7		10 - 130	10/15/25 07:11	10/16/25 15:17	1
13C2 PFDoA	81.7		40 - 130	10/15/25 07:11	10/16/25 15:17	1

Method: SW846 6020B - Metals (ICP/MS)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Aluminum	4910		21.5	5.9	mg/Kg	☼	10/15/25 11:04	10/15/25 17:19	1
Antimony	1.2		1.1	0.16	mg/Kg	☼	10/15/25 11:04	10/15/25 17:19	1
Arsenic	8.1		1.1	0.11	mg/Kg	☼	10/15/25 11:04	10/15/25 17:19	1
Barium	34.0		2.2	0.16	mg/Kg	☼	10/15/25 11:04	10/15/25 17:19	1
Beryllium	0.40	J	0.43	0.024	mg/Kg	☼	10/15/25 11:04	10/15/25 17:19	1
Cadmium	0.20	J	1.1	0.12	mg/Kg	☼	10/15/25 11:04	10/15/25 17:19	1
Calcium	973		108	10.5	mg/Kg	☼	10/15/25 11:04	10/15/25 17:19	1
Chromium	14.8		2.2	0.32	mg/Kg	☼	10/15/25 11:04	10/15/25 17:19	1
Cobalt	4.6		1.1	0.16	mg/Kg	☼	10/15/25 11:04	10/15/25 17:19	1
Copper	34.0		2.2	0.40	mg/Kg	☼	10/15/25 11:04	10/15/25 17:19	1
Iron	16300		64.6	8.2	mg/Kg	☼	10/15/25 11:04	10/15/25 17:19	1
Lead	116		0.65	0.22	mg/Kg	☼	10/15/25 11:04	10/15/25 17:19	1
Magnesium	1230		108	11.0	mg/Kg	☼	10/15/25 11:04	10/15/25 17:19	1
Manganese	118		4.3	0.43	mg/Kg	☼	10/15/25 11:04	10/15/25 17:19	1
Nickel	12.7		2.2	0.19	mg/Kg	☼	10/15/25 11:04	10/15/25 17:19	1
Potassium	737		108	17.4	mg/Kg	☼	10/15/25 11:04	10/15/25 17:19	1
Selenium	0.39	J	1.3	0.14	mg/Kg	☼	10/15/25 11:04	10/15/25 17:19	1
Silver	0.24	J	0.43	0.096	mg/Kg	☼	10/15/25 11:04	10/15/25 17:19	1
Sodium	61.2	J	108	49.2	mg/Kg	☼	10/15/25 11:04	10/15/25 17:19	1
Thallium	0.070	J	0.43	0.044	mg/Kg	☼	10/15/25 11:04	10/15/25 17:19	1
Vanadium	21.0		2.2	0.22	mg/Kg	☼	10/15/25 11:04	10/15/25 17:19	1
Zinc	94.0		8.6	1.2	mg/Kg	☼	10/15/25 11:04	10/15/25 17:19	1

Method: SW846 7471B - Mercury (CVAA)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	0.027		0.019	0.0089	mg/Kg	☼	10/17/25 05:53	10/17/25 13:22	1

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Percent Moisture (EPA Moisture)	11.6		1.0	1.0	%			10/09/25 15:55	1
Percent Solids (EPA Moisture)	88.4		1.0	1.0	%			10/09/25 15:55	1

Client Sample ID: 49C1_1-2
Date Collected: 10/08/25 08:20
Date Received: 10/08/25 17:00

Lab Sample ID: 460-336761-21
Matrix: Solid
Percent Solids: 89.8

Method: SW846 8260D - Volatile Organic Compounds by GC/MS

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1-Trichloroethane	0.0011	U	0.0011	0.00025	mg/Kg	☼	10/11/25 10:11	10/11/25 18:52	1
1,1,2,2-Tetrachloroethane	0.0011	U	0.0011	0.00056	mg/Kg	☼	10/11/25 10:11	10/11/25 18:52	1
1,1,2-Trichloro-1,2,2-trifluoroethane	0.0011	U	0.0011	0.00032	mg/Kg	☼	10/11/25 10:11	10/11/25 18:52	1
1,1,2-Trichloroethane	0.0011	U	0.0011	0.00065	mg/Kg	☼	10/11/25 10:11	10/11/25 18:52	1
1,1-Dichloroethane	0.0011	U	0.0011	0.00064	mg/Kg	☼	10/11/25 10:11	10/11/25 18:52	1
1,1-Dichloroethene	0.0011	U	0.0011	0.00024	mg/Kg	☼	10/11/25 10:11	10/11/25 18:52	1
1,2,3-Trichlorobenzene	0.0011	U	0.0011	0.00079	mg/Kg	☼	10/11/25 10:11	10/11/25 18:52	1
1,2,4-Trichlorobenzene	0.0011	U	0.0011	0.00038	mg/Kg	☼	10/11/25 10:11	10/11/25 18:52	1
1,2,4-Trimethylbenzene	0.0011	U	0.0011	0.00026	mg/Kg	☼	10/11/25 10:11	10/11/25 18:52	1
1,2-Dibromo-3-Chloropropane	0.0011	U	0.0011	0.00049	mg/Kg	☼	10/11/25 10:11	10/11/25 18:52	1
1,2-Dichlorobenzene	0.0011	U	0.0011	0.00039	mg/Kg	☼	10/11/25 10:11	10/11/25 18:52	1
1,2-Dichloroethane	0.0011	U	0.0011	0.00032	mg/Kg	☼	10/11/25 10:11	10/11/25 18:52	1
1,2-Dichloropropane	0.0011	U	0.0011	0.00045	mg/Kg	☼	10/11/25 10:11	10/11/25 18:52	1
1,3,5-Trimethylbenzene	0.0011	U	0.0011	0.00034	mg/Kg	☼	10/11/25 10:11	10/11/25 18:52	1
1,3-Dichlorobenzene	0.0011	U	0.0011	0.00039	mg/Kg	☼	10/11/25 10:11	10/11/25 18:52	1
1,4-Dichlorobenzene	0.0011	U	0.0011	0.00056	mg/Kg	☼	10/11/25 10:11	10/11/25 18:52	1
2-Butanone (MEK)	0.0054	U	0.0054	0.00040	mg/Kg	☼	10/11/25 10:11	10/11/25 18:52	1
2-Hexanone	0.0054	U	0.0054	0.0018	mg/Kg	☼	10/11/25 10:11	10/11/25 18:52	1
4-Methyl-2-pentanone (MIBK)	0.0054	U	0.0054	0.0017	mg/Kg	☼	10/11/25 10:11	10/11/25 18:52	1
Acetone	0.0065	U	0.0065	0.0062	mg/Kg	☼	10/11/25 10:11	10/11/25 18:52	1
Benzene	0.0011	U	0.0011	0.00061	mg/Kg	☼	10/11/25 10:11	10/11/25 18:52	1
Bromoform	0.0011	U	0.0011	0.00046	mg/Kg	☼	10/11/25 10:11	10/11/25 18:52	1
Bromomethane	0.0022	U	0.0022	0.0011	mg/Kg	☼	10/11/25 10:11	10/11/25 18:52	1
Carbon disulfide	0.0011	U	0.0011	0.00029	mg/Kg	☼	10/11/25 10:11	10/11/25 18:52	1
Carbon tetrachloride	0.0011	U	0.0011	0.00042	mg/Kg	☼	10/11/25 10:11	10/11/25 18:52	1
Chlorobenzene	0.0011	U	0.0011	0.00055	mg/Kg	☼	10/11/25 10:11	10/11/25 18:52	1
Chlorobromomethane	0.0011	U	0.0011	0.00064	mg/Kg	☼	10/11/25 10:11	10/11/25 18:52	1
Chlorodibromomethane	0.0011	U	0.0011	0.00058	mg/Kg	☼	10/11/25 10:11	10/11/25 18:52	1
Chloroethane	0.0011	U	0.0011	0.00056	mg/Kg	☼	10/11/25 10:11	10/11/25 18:52	1
Chloroform	0.0011	U	0.0011	0.0010	mg/Kg	☼	10/11/25 10:11	10/11/25 18:52	1
Chloromethane	0.0011	U	0.0011	0.00047	mg/Kg	☼	10/11/25 10:11	10/11/25 18:52	1
cis-1,2-Dichloroethene	0.0011	U	0.0011	0.00038	mg/Kg	☼	10/11/25 10:11	10/11/25 18:52	1
cis-1,3-Dichloropropene	0.0011	U	0.0011	0.00029	mg/Kg	☼	10/11/25 10:11	10/11/25 18:52	1
Cyclohexane	0.0011	U	0.0011	0.00024	mg/Kg	☼	10/11/25 10:11	10/11/25 18:52	1
Dichlorobromomethane	0.0011	U	0.0011	0.00028	mg/Kg	☼	10/11/25 10:11	10/11/25 18:52	1
Dichlorodifluoromethane	0.0011	U	0.0011	0.00036	mg/Kg	☼	10/11/25 10:11	10/11/25 18:52	1
Ethylbenzene	0.0011	U	0.0011	0.00050	mg/Kg	☼	10/11/25 10:11	10/11/25 18:52	1
Ethylene Dibromide	0.0011	U	0.0011	0.00054	mg/Kg	☼	10/11/25 10:11	10/11/25 18:52	1
Isopropylbenzene	0.0011	U	0.0011	0.00031	mg/Kg	☼	10/11/25 10:11	10/11/25 18:52	1
Methyl acetate	0.0054	U	0.0054	0.0046	mg/Kg	☼	10/11/25 10:11	10/11/25 18:52	1
Methyl tert-butyl ether	0.0011	U	0.0011	0.00055	mg/Kg	☼	10/11/25 10:11	10/11/25 18:52	1
Methylcyclohexane	0.0011	U	0.0011	0.00054	mg/Kg	☼	10/11/25 10:11	10/11/25 18:52	1
Methylene Chloride	0.0022	U	0.0022	0.0012	mg/Kg	☼	10/11/25 10:11	10/11/25 18:52	1
m-Xylene & p-Xylene	0.0011	U	0.0011	0.00045	mg/Kg	☼	10/11/25 10:11	10/11/25 18:52	1
n-Butylbenzene	0.0011	U	0.0011	0.00032	mg/Kg	☼	10/11/25 10:11	10/11/25 18:52	1
N-Propylbenzene	0.0011	U	0.0011	0.00048	mg/Kg	☼	10/11/25 10:11	10/11/25 18:52	1
o-Xylene	0.0011	U	0.0011	0.00050	mg/Kg	☼	10/11/25 10:11	10/11/25 18:52	1
sec-Butylbenzene	0.0011	U	0.0011	0.00031	mg/Kg	☼	10/11/25 10:11	10/11/25 18:52	1
Styrene	0.0011	U	0.0011	0.00030	mg/Kg	☼	10/11/25 10:11	10/11/25 18:52	1

Client Sample ID: 49C1_1-2

Lab Sample ID: 460-336761-21

Date Collected: 10/08/25 08:20
Matrix: Solid
Date Received: 10/08/25 17:00
Percent Solids: 89.8

Method: SW846 8260D - Volatile Organic Compounds by GC/MS (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
tert-Butylbenzene	0.0011	U	0.0011	0.00030	mg/Kg	☼	10/11/25 10:11	10/11/25 18:52	1
Tetrachloroethene	0.0011	U	0.0011	0.00033	mg/Kg	☼	10/11/25 10:11	10/11/25 18:52	1
Toluene	**0.00054**	**J**	0.0011	0.00025	mg/Kg	☼	10/11/25 10:11	10/11/25 18:52	1
trans-1,2-Dichloroethene	0.0011	U	0.0011	0.00026	mg/Kg	☼	10/11/25 10:11	10/11/25 18:52	1
trans-1,3-Dichloropropene	0.0011	U	0.0011	0.00029	mg/Kg	☼	10/11/25 10:11	10/11/25 18:52	1
Trichloroethene	0.0011	U	0.0011	0.00035	mg/Kg	☼	10/11/25 10:11	10/11/25 18:52	1
Trichlorofluoromethane	0.0011	U	0.0011	0.00044	mg/Kg	☼	10/11/25 10:11	10/11/25 18:52	1
Vinyl chloride	0.0011	U	0.0011	0.00059	mg/Kg	☼	10/11/25 10:11	10/11/25 18:52	1
Xylenes, Total	0.0022	U	0.0022	0.00019	mg/Kg	☼	10/11/25 10:11	10/11/25 18:52	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,2-Dichloroethane-d4 (Surr)	*90*		*65 - 138*	*10/11/25 10:11*	*10/11/25 18:52*	*1*
4-Bromofluorobenzene	*93*		*71 - 128*	*10/11/25 10:11*	*10/11/25 18:52*	*1*
Dibromofluoromethane (Surr)	*99*		*50 - 150*	*10/11/25 10:11*	*10/11/25 18:52*	*1*
Toluene-d8 (Surr)	*100*		*71 - 126*	*10/11/25 10:11*	*10/11/25 18:52*	*1*

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Percent Moisture (EPA Moisture)	**10.2**		1.0	1.0	%			10/12/25 18:32	1
Percent Solids (EPA Moisture)	**89.8**		1.0	1.0	%			10/12/25 18:32	1

Client Sample ID: 49C2_2-3

Lab Sample ID: 460-336761-22

Date Collected: 10/08/25 08:25
Matrix: Solid
Date Received: 10/08/25 17:00
Percent Solids: 89.4

Method: SW846 8260D - Volatile Organic Compounds by GC/MS

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1-Trichloroethane	0.0012	U	0.0012	0.00028	mg/Kg	☼	10/11/25 10:11	10/11/25 18:04	1
1,1,2,2-Tetrachloroethane	0.0012	U	0.0012	0.00063	mg/Kg	☼	10/11/25 10:11	10/11/25 18:04	1
1,1,2-Trichloro-1,2,2-trifluoroethane	0.0012	U	0.0012	0.00037	mg/Kg	☼	10/11/25 10:11	10/11/25 18:04	1
1,1,2-Trichloroethane	0.0012	U	0.0012	0.00073	mg/Kg	☼	10/11/25 10:11	10/11/25 18:04	1
1,1-Dichloroethane	0.0012	U	0.0012	0.00073	mg/Kg	☼	10/11/25 10:11	10/11/25 18:04	1
1,1-Dichloroethene	0.0012	U	0.0012	0.00027	mg/Kg	☼	10/11/25 10:11	10/11/25 18:04	1
1,2,3-Trichlorobenzene	0.0012	U	0.0012	0.00090	mg/Kg	☼	10/11/25 10:11	10/11/25 18:04	1
1,2,4-Trichlorobenzene	0.0012	U	0.0012	0.00044	mg/Kg	☼	10/11/25 10:11	10/11/25 18:04	1
1,2,4-Trimethylbenzene	0.0012	U	0.0012	0.00030	mg/Kg	☼	10/11/25 10:11	10/11/25 18:04	1
1,2-Dibromo-3-Chloropropane	0.0012	U	0.0012	0.00056	mg/Kg	☼	10/11/25 10:11	10/11/25 18:04	1
1,2-Dichlorobenzene	0.0012	U	0.0012	0.00044	mg/Kg	☼	10/11/25 10:11	10/11/25 18:04	1
1,2-Dichloroethane	0.0012	U	0.0012	0.00036	mg/Kg	☼	10/11/25 10:11	10/11/25 18:04	1
1,2-Dichloropropane	0.0012	U	0.0012	0.00051	mg/Kg	☼	10/11/25 10:11	10/11/25 18:04	1
1,3,5-Trimethylbenzene	0.0012	U	0.0012	0.00038	mg/Kg	☼	10/11/25 10:11	10/11/25 18:04	1
1,3-Dichlorobenzene	0.0012	U	0.0012	0.00044	mg/Kg	☼	10/11/25 10:11	10/11/25 18:04	1
1,4-Dichlorobenzene	0.0012	U	0.0012	0.00063	mg/Kg	☼	10/11/25 10:11	10/11/25 18:04	1
2-Butanone (MEK)	0.0061	U	0.0061	0.00045	mg/Kg	☼	10/11/25 10:11	10/11/25 18:04	1
2-Hexanone	0.0061	U	0.0061	0.0021	mg/Kg	☼	10/11/25 10:11	10/11/25 18:04	1
4-Methyl-2-pentanone (MIBK)	0.0061	U	0.0061	0.0019	mg/Kg	☼	10/11/25 10:11	10/11/25 18:04	1
Acetone	0.0073	U	0.0073	0.0070	mg/Kg	☼	10/11/25 10:11	10/11/25 18:04	1
Benzene	0.0012	U	0.0012	0.00069	mg/Kg	☼	10/11/25 10:11	10/11/25 18:04	1
Bromoform	0.0012	U	0.0012	0.00052	mg/Kg	☼	10/11/25 10:11	10/11/25 18:04	1
Bromomethane	0.0024	U	0.0024	0.0012	mg/Kg	☼	10/11/25 10:11	10/11/25 18:04	1

Client Sample ID: 49C2_2-3
Date Collected: 10/08/25 08:25
Date Received: 10/08/25 17:00

Lab Sample ID: 460-336761-22
Matrix: Solid
Percent Solids: 89.4

Method: SW846 8260D - Volatile Organic Compounds by GC/MS (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Carbon disulfide	0.0012	U	0.0012	0.00032	mg/Kg	☼	10/11/25 10:11	10/11/25 18:04	1
Carbon tetrachloride	0.0012	U	0.0012	0.00047	mg/Kg	☼	10/11/25 10:11	10/11/25 18:04	1
Chlorobenzene	0.0012	U	0.0012	0.00062	mg/Kg	☼	10/11/25 10:11	10/11/25 18:04	1
Chlorobromomethane	0.0012	U	0.0012	0.00072	mg/Kg	☼	10/11/25 10:11	10/11/25 18:04	1
Chlorodibromomethane	0.0012	U	0.0012	0.00065	mg/Kg	☼	10/11/25 10:11	10/11/25 18:04	1
Chloroethane	0.0012	U	0.0012	0.00063	mg/Kg	☼	10/11/25 10:11	10/11/25 18:04	1
Chloroform	0.0012	U	0.0012	0.0012	mg/Kg	☼	10/11/25 10:11	10/11/25 18:04	1
Chloromethane	0.0012	U	0.0012	0.00053	mg/Kg	☼	10/11/25 10:11	10/11/25 18:04	1
cis-1,2-Dichloroethene	0.0012	U	0.0012	0.00044	mg/Kg	☼	10/11/25 10:11	10/11/25 18:04	1
cis-1,3-Dichloropropene	0.0012	U	0.0012	0.00033	mg/Kg	☼	10/11/25 10:11	10/11/25 18:04	1
Cyclohexane	0.0012	U	0.0012	0.00027	mg/Kg	☼	10/11/25 10:11	10/11/25 18:04	1
Dichlorobromomethane	0.0012	U	0.0012	0.00031	mg/Kg	☼	10/11/25 10:11	10/11/25 18:04	1
Dichlorodifluoromethane	0.0012	U	0.0012	0.00041	mg/Kg	☼	10/11/25 10:11	10/11/25 18:04	1
Ethylbenzene	0.0012	U	0.0012	0.00057	mg/Kg	☼	10/11/25 10:11	10/11/25 18:04	1
Ethylene Dibromide	0.0012	U	0.0012	0.00061	mg/Kg	☼	10/11/25 10:11	10/11/25 18:04	1
Isopropylbenzene	0.0012	U	0.0012	0.00035	mg/Kg	☼	10/11/25 10:11	10/11/25 18:04	1
Methyl acetate	0.0061	U	0.0061	0.0052	mg/Kg	☼	10/11/25 10:11	10/11/25 18:04	1
Methyl tert-butyl ether	0.0012	U	0.0012	0.00062	mg/Kg	☼	10/11/25 10:11	10/11/25 18:04	1
Methylcyclohexane	0.0012	U	0.0012	0.00061	mg/Kg	☼	10/11/25 10:11	10/11/25 18:04	1
Methylene Chloride	0.0024	U	0.0024	0.0014	mg/Kg	☼	10/11/25 10:11	10/11/25 18:04	1
m-Xylene & p-Xylene	0.0012	U	0.0012	0.00051	mg/Kg	☼	10/11/25 10:11	10/11/25 18:04	1
n-Butylbenzene	0.0012	U	0.0012	0.00036	mg/Kg	☼	10/11/25 10:11	10/11/25 18:04	1
N-Propylbenzene	0.0012	U	0.0012	0.00055	mg/Kg	☼	10/11/25 10:11	10/11/25 18:04	1
o-Xylene	0.0012	U	0.0012	0.00056	mg/Kg	☼	10/11/25 10:11	10/11/25 18:04	1
sec-Butylbenzene	0.0012	U	0.0012	0.00035	mg/Kg	☼	10/11/25 10:11	10/11/25 18:04	1
Styrene	0.0012	U	0.0012	0.00034	mg/Kg	☼	10/11/25 10:11	10/11/25 18:04	1
tert-Butylbenzene	0.0012	U	0.0012	0.00034	mg/Kg	☼	10/11/25 10:11	10/11/25 18:04	1
Tetrachloroethene	0.0012	U	0.0012	0.00037	mg/Kg	☼	10/11/25 10:11	10/11/25 18:04	1
Toluene	0.0012	U	0.0012	0.00028	mg/Kg	☼	10/11/25 10:11	10/11/25 18:04	1
trans-1,2-Dichloroethene	0.0012	U	0.0012	0.00030	mg/Kg	☼	10/11/25 10:11	10/11/25 18:04	1
trans-1,3-Dichloropropene	0.0012	U	0.0012	0.00032	mg/Kg	☼	10/11/25 10:11	10/11/25 18:04	1
Trichloroethene	0.0012	U	0.0012	0.00039	mg/Kg	☼	10/11/25 10:11	10/11/25 18:04	1
Trichlorofluoromethane	0.0012	U	0.0012	0.00049	mg/Kg	☼	10/11/25 10:11	10/11/25 18:04	1
Vinyl chloride	0.0012	U	0.0012	0.00066	mg/Kg	☼	10/11/25 10:11	10/11/25 18:04	1
Xylenes, Total	0.0024	U	0.0024	0.00021	mg/Kg	☼	10/11/25 10:11	10/11/25 18:04	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,2-Dichloroethane-d4 (Surr)	*115*		*65 - 138*	*10/11/25 10:11*	*10/11/25 18:04*	*1*
4-Bromofluorobenzene	*101*		*71 - 128*	*10/11/25 10:11*	*10/11/25 18:04*	*1*
Dibromofluoromethane (Surr)	*128*		*50 - 150*	*10/11/25 10:11*	*10/11/25 18:04*	*1*
Toluene-d8 (Surr)	*92*		*71 - 126*	*10/11/25 10:11*	*10/11/25 18:04*	*1*

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Percent Moisture (EPA Moisture)	**10.6**		1.0	1.0	%			10/12/25 18:32	1
Percent Solids (EPA Moisture)	**89.4**		1.0	1.0	%			10/12/25 18:32	1

Client Sample ID: 49C3_3-4
Date Collected: 10/08/25 08:30
Date Received: 10/08/25 17:00

Lab Sample ID: 460-336761-23
Matrix: Solid
Percent Solids: 87.8

Method: SW846 8260D - Volatile Organic Compounds by GC/MS

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1-Trichloroethane	0.0011	U	0.0011	0.00026	mg/Kg	☼	10/11/25 10:11	10/11/25 20:00	1
1,1,2,2-Tetrachloroethane	0.0011	U	0.0011	0.00058	mg/Kg	☼	10/11/25 10:11	10/11/25 20:00	1
1,1,2-Trichloro-1,2,2-trifluoroethane	0.0011	U	0.0011	0.00033	mg/Kg	☼	10/11/25 10:11	10/11/25 20:00	1
1,1,2-Trichloroethane	0.0011	U	0.0011	0.00067	mg/Kg	☼	10/11/25 10:11	10/11/25 20:00	1
1,1-Dichloroethane	0.0011	U	0.0011	0.00066	mg/Kg	☼	10/11/25 10:11	10/11/25 20:00	1
1,1-Dichloroethene	0.0011	U	0.0011	0.00025	mg/Kg	☼	10/11/25 10:11	10/11/25 20:00	1
1,2,3-Trichlorobenzene	0.0011	U	0.0011	0.00082	mg/Kg	☼	10/11/25 10:11	10/11/25 20:00	1
1,2,4-Trichlorobenzene	0.0011	U	0.0011	0.00040	mg/Kg	☼	10/11/25 10:11	10/11/25 20:00	1
1,2,4-Trimethylbenzene	0.0011	U	0.0011	0.00027	mg/Kg	☼	10/11/25 10:11	10/11/25 20:00	1
1,2-Dibromo-3-Chloropropane	0.0011	U	0.0011	0.00051	mg/Kg	☼	10/11/25 10:11	10/11/25 20:00	1
1,2-Dichlorobenzene	0.0011	U	0.0011	0.00040	mg/Kg	☼	10/11/25 10:11	10/11/25 20:00	1
1,2-Dichloroethane	0.0011	U	0.0011	0.00033	mg/Kg	☼	10/11/25 10:11	10/11/25 20:00	1
1,2-Dichloropropane	0.0011	U	0.0011	0.00047	mg/Kg	☼	10/11/25 10:11	10/11/25 20:00	1
1,3,5-Trimethylbenzene	0.0011	U	0.0011	0.00035	mg/Kg	☼	10/11/25 10:11	10/11/25 20:00	1
1,3-Dichlorobenzene	0.0011	U	0.0011	0.00040	mg/Kg	☼	10/11/25 10:11	10/11/25 20:00	1
1,4-Dichlorobenzene	0.0011	U	0.0011	0.00058	mg/Kg	☼	10/11/25 10:11	10/11/25 20:00	1
2-Butanone (MEK)	0.0055	U	0.0055	0.00041	mg/Kg	☼	10/11/25 10:11	10/11/25 20:00	1
2-Hexanone	0.0055	U	0.0055	0.0019	mg/Kg	☼	10/11/25 10:11	10/11/25 20:00	1
4-Methyl-2-pentanone (MIBK)	0.0055	U	0.0055	0.0017	mg/Kg	☼	10/11/25 10:11	10/11/25 20:00	1
Acetone	0.0067	U	0.0067	0.0063	mg/Kg	☼	10/11/25 10:11	10/11/25 20:00	1
Benzene	0.0011	U	0.0011	0.00063	mg/Kg	☼	10/11/25 10:11	10/11/25 20:00	1
Bromoform	0.0011	U	0.0011	0.00047	mg/Kg	☼	10/11/25 10:11	10/11/25 20:00	1
Bromomethane	0.0022	U	0.0022	0.0011	mg/Kg	☼	10/11/25 10:11	10/11/25 20:00	1
Carbon disulfide	0.0011	U	0.0011	0.00030	mg/Kg	☼	10/11/25 10:11	10/11/25 20:00	1
Carbon tetrachloride	0.0011	U	0.0011	0.00043	mg/Kg	☼	10/11/25 10:11	10/11/25 20:00	1
Chlorobenzene	0.0011	U	0.0011	0.00056	mg/Kg	☼	10/11/25 10:11	10/11/25 20:00	1
Chlorobromomethane	0.0011	U	0.0011	0.00066	mg/Kg	☼	10/11/25 10:11	10/11/25 20:00	1
Chlorodibromomethane	0.0011	U	0.0011	0.00060	mg/Kg	☼	10/11/25 10:11	10/11/25 20:00	1
Chloroethane	0.0011	U	0.0011	0.00058	mg/Kg	☼	10/11/25 10:11	10/11/25 20:00	1
Chloroform	0.0011	U	0.0011	0.0011	mg/Kg	☼	10/11/25 10:11	10/11/25 20:00	1
Chloromethane	0.0011	U	0.0011	0.00048	mg/Kg	☼	10/11/25 10:11	10/11/25 20:00	1
cis-1,2-Dichloroethene	0.0011	U	0.0011	0.00040	mg/Kg	☼	10/11/25 10:11	10/11/25 20:00	1
cis-1,3-Dichloropropene	0.0011	U	0.0011	0.00030	mg/Kg	☼	10/11/25 10:11	10/11/25 20:00	1
Cyclohexane	0.0011	U	0.0011	0.00025	mg/Kg	☼	10/11/25 10:11	10/11/25 20:00	1
Dichlorobromomethane	0.0011	U	0.0011	0.00029	mg/Kg	☼	10/11/25 10:11	10/11/25 20:00	1
Dichlorodifluoromethane	0.0011	U	0.0011	0.00037	mg/Kg	☼	10/11/25 10:11	10/11/25 20:00	1
Ethylbenzene	0.0011	U	0.0011	0.00052	mg/Kg	☼	10/11/25 10:11	10/11/25 20:00	1
Ethylene Dibromide	0.0011	U	0.0011	0.00056	mg/Kg	☼	10/11/25 10:11	10/11/25 20:00	1
Isopropylbenzene	0.0011	U	0.0011	0.00032	mg/Kg	☼	10/11/25 10:11	10/11/25 20:00	1
Methyl acetate	0.0055	U	0.0055	0.0048	mg/Kg	☼	10/11/25 10:11	10/11/25 20:00	1
Methyl tert-butyl ether	0.0011	U	0.0011	0.00057	mg/Kg	☼	10/11/25 10:11	10/11/25 20:00	1
Methylcyclohexane	0.0011	U	0.0011	0.00055	mg/Kg	☼	10/11/25 10:11	10/11/25 20:00	1
Methylene Chloride	**0.0015**	**J**	0.0022	0.0013	mg/Kg	☼	10/11/25 10:11	10/11/25 20:00	1
m-Xylene & p-Xylene	0.0011	U	0.0011	0.00047	mg/Kg	☼	10/11/25 10:11	10/11/25 20:00	1
n-Butylbenzene	0.0011	U	0.0011	0.00033	mg/Kg	☼	10/11/25 10:11	10/11/25 20:00	1
N-Propylbenzene	0.0011	U	0.0011	0.00050	mg/Kg	☼	10/11/25 10:11	10/11/25 20:00	1
o-Xylene	0.0011	U	0.0011	0.00051	mg/Kg	☼	10/11/25 10:11	10/11/25 20:00	1
sec-Butylbenzene	0.0011	U	0.0011	0.00032	mg/Kg	☼	10/11/25 10:11	10/11/25 20:00	1
Styrene	0.0011	U	0.0011	0.00031	mg/Kg	☼	10/11/25 10:11	10/11/25 20:00	1

Client Sample ID: 49C3_3-4

Lab Sample ID: 460-336761-23
Date Collected: 10/08/25 08:30
Matrix: Solid
Date Received: 10/08/25 17:00
Percent Solids: 87.8

Method: SW846 8260D - Volatile Organic Compounds by GC/MS (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
tert-Butylbenzene	0.0011	U	0.0011	0.00031	mg/Kg	☼	10/11/25 10:11	10/11/25 20:00	1
Tetrachloroethene	0.0011	U	0.0011	0.00034	mg/Kg	☼	10/11/25 10:11	10/11/25 20:00	1
Toluene	0.0011	U	0.0011	0.00026	mg/Kg	☼	10/11/25 10:11	10/11/25 20:00	1
trans-1,2-Dichloroethene	0.0011	U	0.0011	0.00027	mg/Kg	☼	10/11/25 10:11	10/11/25 20:00	1
trans-1,3-Dichloropropene	0.0011	U	0.0011	0.00030	mg/Kg	☼	10/11/25 10:11	10/11/25 20:00	1
Trichloroethene	0.0011	U	0.0011	0.00036	mg/Kg	☼	10/11/25 10:11	10/11/25 20:00	1
Trichlorofluoromethane	0.0011	U	0.0011	0.00045	mg/Kg	☼	10/11/25 10:11	10/11/25 20:00	1
Vinyl chloride	0.0011	U	0.0011	0.00061	mg/Kg	☼	10/11/25 10:11	10/11/25 20:00	1
Xylenes, Total	0.0022	U	0.0022	0.00019	mg/Kg	☼	10/11/25 10:11	10/11/25 20:00	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,2-Dichloroethane-d4 (Surr)	*88*		*65 - 138*	*10/11/25 10:11*	*10/11/25 20:00*	*1*
4-Bromofluorobenzene	*99*		*71 - 128*	*10/11/25 10:11*	*10/11/25 20:00*	*1*
Dibromofluoromethane (Surr)	*98*		*50 - 150*	*10/11/25 10:11*	*10/11/25 20:00*	*1*
Toluene-d8 (Surr)	*100*		*71 - 126*	*10/11/25 10:11*	*10/11/25 20:00*	*1*

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Percent Moisture (EPA Moisture)	**12.2**		1.0	1.0	%			10/12/25 18:32	1
Percent Solids (EPA Moisture)	**87.8**		1.0	1.0	%			10/12/25 18:32	1

Client Sample ID: 49C1_5-6

Lab Sample ID: 460-336761-24
Date Collected: 10/08/25 08:35
Matrix: Solid
Date Received: 10/08/25 17:00
Percent Solids: 90.0

Method: SW846 8260D - Volatile Organic Compounds by GC/MS

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1-Trichloroethane	0.0012	U	0.0012	0.00027	mg/Kg	☼	10/11/25 10:11	10/11/25 20:24	1
1,1,2,2-Tetrachloroethane	0.0012	U	0.0012	0.00060	mg/Kg	☼	10/11/25 10:11	10/11/25 20:24	1
1,1,2-Trichloro-1,2,2-trifluoroethane	0.0012	U	0.0012	0.00035	mg/Kg	☼	10/11/25 10:11	10/11/25 20:24	1
1,1,2-Trichloroethane	0.0012	U	0.0012	0.00069	mg/Kg	☼	10/11/25 10:11	10/11/25 20:24	1
1,1-Dichloroethane	0.0012	U	0.0012	0.00069	mg/Kg	☼	10/11/25 10:11	10/11/25 20:24	1
1,1-Dichloroethene	0.0012	U	0.0012	0.00026	mg/Kg	☼	10/11/25 10:11	10/11/25 20:24	1
1,2,3-Trichlorobenzene	0.0012	U	0.0012	0.00085	mg/Kg	☼	10/11/25 10:11	10/11/25 20:24	1
1,2,4-Trichlorobenzene	0.0012	U	0.0012	0.00041	mg/Kg	☼	10/11/25 10:11	10/11/25 20:24	1
1,2,4-Trimethylbenzene	0.0012	U	0.0012	0.00028	mg/Kg	☼	10/11/25 10:11	10/11/25 20:24	1
1,2-Dibromo-3-Chloropropane	0.0012	U	0.0012	0.00053	mg/Kg	☼	10/11/25 10:11	10/11/25 20:24	1
1,2-Dichlorobenzene	0.0012	U	0.0012	0.00042	mg/Kg	☼	10/11/25 10:11	10/11/25 20:24	1
1,2-Dichloroethane	0.0012	U	0.0012	0.00034	mg/Kg	☼	10/11/25 10:11	10/11/25 20:24	1
1,2-Dichloropropane	0.0012	U	0.0012	0.00049	mg/Kg	☼	10/11/25 10:11	10/11/25 20:24	1
1,3,5-Trimethylbenzene	0.0012	U	0.0012	0.00036	mg/Kg	☼	10/11/25 10:11	10/11/25 20:24	1
1,3-Dichlorobenzene	0.0012	U	0.0012	0.00042	mg/Kg	☼	10/11/25 10:11	10/11/25 20:24	1
1,4-Dichlorobenzene	0.0012	U	0.0012	0.00060	mg/Kg	☼	10/11/25 10:11	10/11/25 20:24	1
2-Butanone (MEK)	**0.0023**	**J**	0.0058	0.00042	mg/Kg	☼	10/11/25 10:11	10/11/25 20:24	1
2-Hexanone	0.0058	U	0.0058	0.0020	mg/Kg	☼	10/11/25 10:11	10/11/25 20:24	1
4-Methyl-2-pentanone (MIBK)	0.0058	U	0.0058	0.0018	mg/Kg	☼	10/11/25 10:11	10/11/25 20:24	1
Acetone	**0.24**		0.0069	0.0066	mg/Kg	☼	10/11/25 10:11	10/11/25 20:24	1
Benzene	0.0012	U	0.0012	0.00065	mg/Kg	☼	10/11/25 10:11	10/11/25 20:24	1
Bromoform	0.0012	U	0.0012	0.00049	mg/Kg	☼	10/11/25 10:11	10/11/25 20:24	1
Bromomethane	0.0023	U	0.0023	0.0012	mg/Kg	☼	10/11/25 10:11	10/11/25 20:24	1

Client Sample ID: 49C1_5-6
Date Collected: 10/08/25 08:35
Date Received: 10/08/25 17:00

Lab Sample ID: 460-336761-24
Matrix: Solid
Percent Solids: 90.0

Method: SW846 8260D - Volatile Organic Compounds by GC/MS (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Carbon disulfide	0.0012	U	0.0012	0.00031	mg/Kg	☼	10/11/25 10:11	10/11/25 20:24	1
Carbon tetrachloride	0.0012	U	0.0012	0.00045	mg/Kg	☼	10/11/25 10:11	10/11/25 20:24	1
Chlorobenzene	0.0012	U	0.0012	0.00058	mg/Kg	☼	10/11/25 10:11	10/11/25 20:24	1
Chlorobromomethane	0.0012	U	0.0012	0.00069	mg/Kg	☼	10/11/25 10:11	10/11/25 20:24	1
Chlorodibromomethane	0.0012	U	0.0012	0.00062	mg/Kg	☼	10/11/25 10:11	10/11/25 20:24	1
Chloroethane	0.0012	U	0.0012	0.00060	mg/Kg	☼	10/11/25 10:11	10/11/25 20:24	1
Chloroform	0.0012	U	0.0012	0.0011	mg/Kg	☼	10/11/25 10:11	10/11/25 20:24	1
Chloromethane	0.0012	U	0.0012	0.00050	mg/Kg	☼	10/11/25 10:11	10/11/25 20:24	1
cis-1,2-Dichloroethene	0.0012	U	0.0012	0.00041	mg/Kg	☼	10/11/25 10:11	10/11/25 20:24	1
cis-1,3-Dichloropropene	0.0012	U	0.0012	0.00031	mg/Kg	☼	10/11/25 10:11	10/11/25 20:24	1
Cyclohexane	0.0012	U	0.0012	0.00025	mg/Kg	☼	10/11/25 10:11	10/11/25 20:24	1
Dichlorobromomethane	0.0012	U	0.0012	0.00030	mg/Kg	☼	10/11/25 10:11	10/11/25 20:24	1
Dichlorodifluoromethane	0.0012	U	0.0012	0.00039	mg/Kg	☼	10/11/25 10:11	10/11/25 20:24	1
Ethylbenzene	0.0012	U	0.0012	0.00054	mg/Kg	☼	10/11/25 10:11	10/11/25 20:24	1
Ethylene Dibromide	0.0012	U	0.0012	0.00058	mg/Kg	☼	10/11/25 10:11	10/11/25 20:24	1
Isopropylbenzene	0.0012	U	0.0012	0.00033	mg/Kg	☼	10/11/25 10:11	10/11/25 20:24	1
Methyl acetate	0.0058	U	0.0058	0.0050	mg/Kg	☼	10/11/25 10:11	10/11/25 20:24	1
Methyl tert-butyl ether	0.0012	U	0.0012	0.00059	mg/Kg	☼	10/11/25 10:11	10/11/25 20:24	1
Methylcyclohexane	0.0012	U	0.0012	0.00058	mg/Kg	☼	10/11/25 10:11	10/11/25 20:24	1
Methylene Chloride	0.0023	U	0.0023	0.0013	mg/Kg	☼	10/11/25 10:11	10/11/25 20:24	1
m-Xylene & p-Xylene	0.0012	U	0.0012	0.00049	mg/Kg	☼	10/11/25 10:11	10/11/25 20:24	1
n-Butylbenzene	0.0012	U	0.0012	0.00034	mg/Kg	☼	10/11/25 10:11	10/11/25 20:24	1
N-Propylbenzene	0.0012	U	0.0012	0.00052	mg/Kg	☼	10/11/25 10:11	10/11/25 20:24	1
o-Xylene	0.0012	U	0.0012	0.00053	mg/Kg	☼	10/11/25 10:11	10/11/25 20:24	1
sec-Butylbenzene	0.0012	U	0.0012	0.00033	mg/Kg	☼	10/11/25 10:11	10/11/25 20:24	1
Styrene	0.0012	U	0.0012	0.00032	mg/Kg	☼	10/11/25 10:11	10/11/25 20:24	1
tert-Butylbenzene	0.0012	U	0.0012	0.00032	mg/Kg	☼	10/11/25 10:11	10/11/25 20:24	1
Tetrachloroethene	0.0012	U	0.0012	0.00035	mg/Kg	☼	10/11/25 10:11	10/11/25 20:24	1
Toluene	0.0012	U	0.0012	0.00027	mg/Kg	☼	10/11/25 10:11	10/11/25 20:24	1
trans-1,2-Dichloroethene	0.0012	U	0.0012	0.00028	mg/Kg	☼	10/11/25 10:11	10/11/25 20:24	1
trans-1,3-Dichloropropene	0.0012	U	0.0012	0.00031	mg/Kg	☼	10/11/25 10:11	10/11/25 20:24	1
Trichloroethene	0.0012	U	0.0012	0.00037	mg/Kg	☼	10/11/25 10:11	10/11/25 20:24	1
Trichlorofluoromethane	0.0012	U	0.0012	0.00047	mg/Kg	☼	10/11/25 10:11	10/11/25 20:24	1
Vinyl chloride	0.0012	U	0.0012	0.00063	mg/Kg	☼	10/11/25 10:11	10/11/25 20:24	1
Xylenes, Total	0.0023	U	0.0023	0.00020	mg/Kg	☼	10/11/25 10:11	10/11/25 20:24	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,2-Dichloroethane-d4 (Surr)	*87*		*65 - 138*	*10/11/25 10:11*	*10/11/25 20:24*	*1*
4-Bromofluorobenzene	*95*		*71 - 128*	*10/11/25 10:11*	*10/11/25 20:24*	*1*
Dibromofluoromethane (Surr)	*98*		*50 - 150*	*10/11/25 10:11*	*10/11/25 20:24*	*1*
Toluene-d8 (Surr)	*100*		*71 - 126*	*10/11/25 10:11*	*10/11/25 20:24*	*1*

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Percent Moisture (EPA Moisture)	**10.0**		1.0	1.0	%			10/12/25 18:32	1
Percent Solids (EPA Moisture)	**90.0**		1.0	1.0	%			10/12/25 18:32	1

Client Sample ID: 49C2_7-8
Date Collected: 10/08/25 08:40
Date Received: 10/08/25 17:00

Lab Sample ID: 460-336761-25
Matrix: Solid
Percent Solids: 90.7

Method: SW846 8260D - Volatile Organic Compounds by GC/MS

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1-Trichloroethane	0.0010	U	0.0010	0.00023	mg/Kg	☼	10/11/25 10:12	10/11/25 20:48	1
1,1,2,2-Tetrachloroethane	0.0010	U	0.0010	0.00052	mg/Kg	☼	10/11/25 10:12	10/11/25 20:48	1
1,1,2-Trichloro-1,2,2-trifluoroethane	0.0010	U	0.0010	0.00030	mg/Kg	☼	10/11/25 10:12	10/11/25 20:48	1
1,1,2-Trichloroethane	0.0010	U	0.0010	0.00060	mg/Kg	☼	10/11/25 10:12	10/11/25 20:48	1
1,1-Dichloroethane	0.0010	U	0.0010	0.00060	mg/Kg	☼	10/11/25 10:12	10/11/25 20:48	1
1,1-Dichloroethene	0.0010	U	0.0010	0.00023	mg/Kg	☼	10/11/25 10:12	10/11/25 20:48	1
1,2,3-Trichlorobenzene	0.0010	U	0.0010	0.00074	mg/Kg	☼	10/11/25 10:12	10/11/25 20:48	1
1,2,4-Trichlorobenzene	0.0010	U	0.0010	0.00036	mg/Kg	☼	10/11/25 10:12	10/11/25 20:48	1
1,2,4-Trimethylbenzene	0.0010	U	0.0010	0.00025	mg/Kg	☼	10/11/25 10:12	10/11/25 20:48	1
1,2-Dibromo-3-Chloropropane	0.0010	U	0.0010	0.00046	mg/Kg	☼	10/11/25 10:12	10/11/25 20:48	1
1,2-Dichlorobenzene	0.0010	U	0.0010	0.00036	mg/Kg	☼	10/11/25 10:12	10/11/25 20:48	1
1,2-Dichloroethane	0.0010	U	0.0010	0.00030	mg/Kg	☼	10/11/25 10:12	10/11/25 20:48	1
1,2-Dichloropropane	0.0010	U	0.0010	0.00042	mg/Kg	☼	10/11/25 10:12	10/11/25 20:48	1
1,3,5-Trimethylbenzene	0.0010	U	0.0010	0.00031	mg/Kg	☼	10/11/25 10:12	10/11/25 20:48	1
1,3-Dichlorobenzene	0.0010	U	0.0010	0.00037	mg/Kg	☼	10/11/25 10:12	10/11/25 20:48	1
1,4-Dichlorobenzene	0.0010	U	0.0010	0.00052	mg/Kg	☼	10/11/25 10:12	10/11/25 20:48	1
2-Butanone (MEK)	0.0050	U	0.0050	0.00037	mg/Kg	☼	10/11/25 10:12	10/11/25 20:48	1
2-Hexanone	0.0050	U	0.0050	0.0017	mg/Kg	☼	10/11/25 10:12	10/11/25 20:48	1
4-Methyl-2-pentanone (MIBK)	0.0050	U	0.0050	0.0016	mg/Kg	☼	10/11/25 10:12	10/11/25 20:48	1
Acetone	**0.042**		0.0060	0.0057	mg/Kg	☼	10/11/25 10:12	10/11/25 20:48	1
Benzene	0.0010	U	0.0010	0.00057	mg/Kg	☼	10/11/25 10:12	10/11/25 20:48	1
Bromoform	0.0010	U	0.0010	0.00043	mg/Kg	☼	10/11/25 10:12	10/11/25 20:48	1
Bromomethane	0.0020	U	0.0020	0.0010	mg/Kg	☼	10/11/25 10:12	10/11/25 20:48	1
Carbon disulfide	0.0010	U	0.0010	0.00027	mg/Kg	☼	10/11/25 10:12	10/11/25 20:48	1
Carbon tetrachloride	0.0010	U	0.0010	0.00039	mg/Kg	☼	10/11/25 10:12	10/11/25 20:48	1
Chlorobenzene	0.0010	U	0.0010	0.00051	mg/Kg	☼	10/11/25 10:12	10/11/25 20:48	1
Chlorobromomethane	0.0010	U	0.0010	0.00060	mg/Kg	☼	10/11/25 10:12	10/11/25 20:48	1
Chlorodibromomethane	0.0010	U	0.0010	0.00054	mg/Kg	☼	10/11/25 10:12	10/11/25 20:48	1
Chloroethane	0.0010	U	0.0010	0.00052	mg/Kg	☼	10/11/25 10:12	10/11/25 20:48	1
Chloroform	0.0010	U	0.0010	0.00097	mg/Kg	☼	10/11/25 10:12	10/11/25 20:48	1
Chloromethane	0.0010	U	0.0010	0.00044	mg/Kg	☼	10/11/25 10:12	10/11/25 20:48	1
cis-1,2-Dichloroethene	0.0010	U	0.0010	0.00036	mg/Kg	☼	10/11/25 10:12	10/11/25 20:48	1
cis-1,3-Dichloropropene	0.0010	U	0.0010	0.00027	mg/Kg	☼	10/11/25 10:12	10/11/25 20:48	1
Cyclohexane	0.0010	U	0.0010	0.00022	mg/Kg	☼	10/11/25 10:12	10/11/25 20:48	1
Dichlorobromomethane	0.0010	U	0.0010	0.00026	mg/Kg	☼	10/11/25 10:12	10/11/25 20:48	1
Dichlorodifluoromethane	0.0010	U	0.0010	0.00034	mg/Kg	☼	10/11/25 10:12	10/11/25 20:48	1
Ethylbenzene	0.0010	U	0.0010	0.00047	mg/Kg	☼	10/11/25 10:12	10/11/25 20:48	1
Ethylene Dibromide	0.0010	U	0.0010	0.00051	mg/Kg	☼	10/11/25 10:12	10/11/25 20:48	1
Isopropylbenzene	0.0010	U	0.0010	0.00029	mg/Kg	☼	10/11/25 10:12	10/11/25 20:48	1
Methyl acetate	0.0050	U	0.0050	0.0043	mg/Kg	☼	10/11/25 10:12	10/11/25 20:48	1
Methyl tert-butyl ether	0.0010	U	0.0010	0.00051	mg/Kg	☼	10/11/25 10:12	10/11/25 20:48	1
Methylcyclohexane	0.0010	U	0.0010	0.00050	mg/Kg	☼	10/11/25 10:12	10/11/25 20:48	1
Methylene Chloride	0.0020	U	0.0020	0.0011	mg/Kg	☼	10/11/25 10:12	10/11/25 20:48	1
m-Xylene & p-Xylene	0.0010	U	0.0010	0.00042	mg/Kg	☼	10/11/25 10:12	10/11/25 20:48	1
n-Butylbenzene	0.0010	U	0.0010	0.00029	mg/Kg	☼	10/11/25 10:12	10/11/25 20:48	1
N-Propylbenzene	0.0010	U	0.0010	0.00045	mg/Kg	☼	10/11/25 10:12	10/11/25 20:48	1
o-Xylene	0.0010	U	0.0010	0.00046	mg/Kg	☼	10/11/25 10:12	10/11/25 20:48	1
sec-Butylbenzene	0.0010	U	0.0010	0.00029	mg/Kg	☼	10/11/25 10:12	10/11/25 20:48	1
Styrene	0.0010	U	0.0010	0.00028	mg/Kg	☼	10/11/25 10:12	10/11/25 20:48	1

Client Sample ID: 49C2_7-8

Lab Sample ID: 460-336761-25

Date Collected: 10/08/25 08:40

Matrix: Solid

Date Received: 10/08/25 17:00

Percent Solids: 90.7

Method: SW846 8260D - Volatile Organic Compounds by GC/MS (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
tert-Butylbenzene	0.0010	U	0.0010	0.00028	mg/Kg	☼	10/11/25 10:12	10/11/25 20:48	1
Tetrachloroethene	0.0010	U	0.0010	0.00031	mg/Kg	☼	10/11/25 10:12	10/11/25 20:48	1
Toluene	**0.00046**	**J**	0.0010	0.00023	mg/Kg	☼	10/11/25 10:12	10/11/25 20:48	1
trans-1,2-Dichloroethene	0.0010	U	0.0010	0.00025	mg/Kg	☼	10/11/25 10:12	10/11/25 20:48	1
trans-1,3-Dichloropropene	0.0010	U	0.0010	0.00027	mg/Kg	☼	10/11/25 10:12	10/11/25 20:48	1
Trichloroethene	0.0010	U	0.0010	0.00032	mg/Kg	☼	10/11/25 10:12	10/11/25 20:48	1
Trichlorofluoromethane	0.0010	U	0.0010	0.00041	mg/Kg	☼	10/11/25 10:12	10/11/25 20:48	1
Vinyl chloride	0.0010	U	0.0010	0.00055	mg/Kg	☼	10/11/25 10:12	10/11/25 20:48	1
Xylenes, Total	0.0020	U	0.0020	0.00017	mg/Kg	☼	10/11/25 10:12	10/11/25 20:48	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,2-Dichloroethane-d4 (Surr)	*87*		*65 - 138*	*10/11/25 10:12*	*10/11/25 20:48*	*1*
4-Bromofluorobenzene	*93*		*71 - 128*	*10/11/25 10:12*	*10/11/25 20:48*	*1*
Dibromofluoromethane (Surr)	*97*		*50 - 150*	*10/11/25 10:12*	*10/11/25 20:48*	*1*
Toluene-d8 (Surr)	*100*		*71 - 126*	*10/11/25 10:12*	*10/11/25 20:48*	*1*

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Percent Moisture (EPA Moisture)	**9.3**		1.0	1.0	%			10/12/25 18:32	1
Percent Solids (EPA Moisture)	**90.7**		1.0	1.0	%			10/12/25 18:32	1

Client Sample ID: 49C3_8-9

Lab Sample ID: 460-336761-26

Date Collected: 10/08/25 08:45

Matrix: Solid

Date Received: 10/08/25 17:00

Percent Solids: 89.7

Method: SW846 8260D - Volatile Organic Compounds by GC/MS

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1-Trichloroethane	0.0010	U	0.0010	0.00024	mg/Kg	☼	10/11/25 10:12	10/11/25 21:12	1
1,1,2,2-Tetrachloroethane	0.0010	U	0.0010	0.00054	mg/Kg	☼	10/11/25 10:12	10/11/25 21:12	1
1,1,2-Trichloro-1,2,2-trifluoroethane	0.0010	U	0.0010	0.00031	mg/Kg	☼	10/11/25 10:12	10/11/25 21:12	1
1,1,2-Trichloroethane	0.0010	U	0.0010	0.00062	mg/Kg	☼	10/11/25 10:12	10/11/25 21:12	1
1,1-Dichloroethane	0.0010	U	0.0010	0.00062	mg/Kg	☼	10/11/25 10:12	10/11/25 21:12	1
1,1-Dichloroethene	0.0010	U	0.0010	0.00023	mg/Kg	☼	10/11/25 10:12	10/11/25 21:12	1
1,2,3-Trichlorobenzene	0.0010	U	0.0010	0.00076	mg/Kg	☼	10/11/25 10:12	10/11/25 21:12	1
1,2,4-Trichlorobenzene	0.0010	U	0.0010	0.00037	mg/Kg	☼	10/11/25 10:12	10/11/25 21:12	1
1,2,4-Trimethylbenzene	0.0010	U	0.0010	0.00025	mg/Kg	☼	10/11/25 10:12	10/11/25 21:12	1
1,2-Dibromo-3-Chloropropane	0.0010	U	0.0010	0.00048	mg/Kg	☼	10/11/25 10:12	10/11/25 21:12	1
1,2-Dichlorobenzene	0.0010	U	0.0010	0.00037	mg/Kg	☼	10/11/25 10:12	10/11/25 21:12	1
1,2-Dichloroethane	0.0010	U	0.0010	0.00031	mg/Kg	☼	10/11/25 10:12	10/11/25 21:12	1
1,2-Dichloropropane	0.0010	U	0.0010	0.00044	mg/Kg	☼	10/11/25 10:12	10/11/25 21:12	1
1,3,5-Trimethylbenzene	0.0010	U	0.0010	0.00033	mg/Kg	☼	10/11/25 10:12	10/11/25 21:12	1
1,3-Dichlorobenzene	0.0010	U	0.0010	0.00038	mg/Kg	☼	10/11/25 10:12	10/11/25 21:12	1
1,4-Dichlorobenzene	0.0010	U	0.0010	0.00054	mg/Kg	☼	10/11/25 10:12	10/11/25 21:12	1
2-Butanone (MEK)	**0.0033**	**J**	0.0052	0.00038	mg/Kg	☼	10/11/25 10:12	10/11/25 21:12	1
2-Hexanone	0.0052	U	0.0052	0.0018	mg/Kg	☼	10/11/25 10:12	10/11/25 21:12	1
4-Methyl-2-pentanone (MIBK)	0.0052	U	0.0052	0.0016	mg/Kg	☼	10/11/25 10:12	10/11/25 21:12	1
Acetone	**0.19**		0.0062	0.0059	mg/Kg	☼	10/11/25 10:12	10/11/25 21:12	1
Benzene	0.0010	U	0.0010	0.00059	mg/Kg	☼	10/11/25 10:12	10/11/25 21:12	1
Bromoform	0.0010	U	0.0010	0.00044	mg/Kg	☼	10/11/25 10:12	10/11/25 21:12	1
Bromomethane	0.0021	U	0.0021	0.0010	mg/Kg	☼	10/11/25 10:12	10/11/25 21:12	1

Client Sample ID: 49C3_8-9
Date Collected: 10/08/25 08:45
Date Received: 10/08/25 17:00

Lab Sample ID: 460-336761-26
Matrix: Solid
Percent Solids: 89.7

Method: SW846 8260D - Volatile Organic Compounds by GC/MS (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Carbon disulfide	0.0010	U	0.0010	0.00028	mg/Kg	☼	10/11/25 10:12	10/11/25 21:12	1
Carbon tetrachloride	0.0010	U	0.0010	0.00040	mg/Kg	☼	10/11/25 10:12	10/11/25 21:12	1
Chlorobenzene	0.0010	U	0.0010	0.00053	mg/Kg	☼	10/11/25 10:12	10/11/25 21:12	1
Chlorobromomethane	0.0010	U	0.0010	0.00062	mg/Kg	☼	10/11/25 10:12	10/11/25 21:12	1
Chlorodibromomethane	0.0010	U	0.0010	0.00056	mg/Kg	☼	10/11/25 10:12	10/11/25 21:12	1
Chloroethane	0.0010	U	0.0010	0.00054	mg/Kg	☼	10/11/25 10:12	10/11/25 21:12	1
Chloroform	0.0010	U	0.0010	0.0010	mg/Kg	☼	10/11/25 10:12	10/11/25 21:12	1
Chloromethane	0.0010	U	0.0010	0.00045	mg/Kg	☼	10/11/25 10:12	10/11/25 21:12	1
cis-1,2-Dichloroethene	0.0010	U	0.0010	0.00037	mg/Kg	☼	10/11/25 10:12	10/11/25 21:12	1
cis-1,3-Dichloropropene	0.0010	U	0.0010	0.00028	mg/Kg	☼	10/11/25 10:12	10/11/25 21:12	1
Cyclohexane	0.0010	U	0.0010	0.00023	mg/Kg	☼	10/11/25 10:12	10/11/25 21:12	1
Dichlorobromomethane	0.0010	U	0.0010	0.00027	mg/Kg	☼	10/11/25 10:12	10/11/25 21:12	1
Dichlorodifluoromethane	0.0010	U	0.0010	0.00035	mg/Kg	☼	10/11/25 10:12	10/11/25 21:12	1
Ethylbenzene	0.0010	U	0.0010	0.00048	mg/Kg	☼	10/11/25 10:12	10/11/25 21:12	1
Ethylene Dibromide	0.0010	U	0.0010	0.00052	mg/Kg	☼	10/11/25 10:12	10/11/25 21:12	1
Isopropylbenzene	0.0010	U	0.0010	0.00030	mg/Kg	☼	10/11/25 10:12	10/11/25 21:12	1
Methyl acetate	0.0052	U	0.0052	0.0045	mg/Kg	☼	10/11/25 10:12	10/11/25 21:12	1
Methyl tert-butyl ether	0.0010	U	0.0010	0.00053	mg/Kg	☼	10/11/25 10:12	10/11/25 21:12	1
Methylcyclohexane	0.0010	U	0.0010	0.00052	mg/Kg	☼	10/11/25 10:12	10/11/25 21:12	1
Methylene Chloride	0.0021	U	0.0021	0.0012	mg/Kg	☼	10/11/25 10:12	10/11/25 21:12	1
m-Xylene & p-Xylene	0.0010	U	0.0010	0.00044	mg/Kg	☼	10/11/25 10:12	10/11/25 21:12	1
n-Butylbenzene	0.0010	U	0.0010	0.00030	mg/Kg	☼	10/11/25 10:12	10/11/25 21:12	1
N-Propylbenzene	0.0010	U	0.0010	0.00047	mg/Kg	☼	10/11/25 10:12	10/11/25 21:12	1
o-Xylene	0.0010	U	0.0010	0.00048	mg/Kg	☼	10/11/25 10:12	10/11/25 21:12	1
sec-Butylbenzene	0.0010	U	0.0010	0.00030	mg/Kg	☼	10/11/25 10:12	10/11/25 21:12	1
Styrene	0.0010	U	0.0010	0.00029	mg/Kg	☼	10/11/25 10:12	10/11/25 21:12	1
tert-Butylbenzene	0.0010	U	0.0010	0.00029	mg/Kg	☼	10/11/25 10:12	10/11/25 21:12	1
Tetrachloroethene	0.0010	U	0.0010	0.00032	mg/Kg	☼	10/11/25 10:12	10/11/25 21:12	1
Toluene	0.0010	U	0.0010	0.00024	mg/Kg	☼	10/11/25 10:12	10/11/25 21:12	1
trans-1,2-Dichloroethene	0.0010	U	0.0010	0.00025	mg/Kg	☼	10/11/25 10:12	10/11/25 21:12	1
trans-1,3-Dichloropropene	0.0010	U	0.0010	0.00028	mg/Kg	☼	10/11/25 10:12	10/11/25 21:12	1
Trichloroethene	0.0010	U	0.0010	0.00033	mg/Kg	☼	10/11/25 10:12	10/11/25 21:12	1
Trichlorofluoromethane	0.0010	U	0.0010	0.00042	mg/Kg	☼	10/11/25 10:12	10/11/25 21:12	1
Vinyl chloride	0.0010	U	0.0010	0.00057	mg/Kg	☼	10/11/25 10:12	10/11/25 21:12	1
Xylenes, Total	0.0021	U	0.0021	0.00018	mg/Kg	☼	10/11/25 10:12	10/11/25 21:12	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,2-Dichloroethane-d4 (Surr)	*86*		*65 - 138*	*10/11/25 10:12*	*10/11/25 21:12*	*1*
4-Bromofluorobenzene	*96*		*71 - 128*	*10/11/25 10:12*	*10/11/25 21:12*	*1*
Dibromofluoromethane (Surr)	*96*		*50 - 150*	*10/11/25 10:12*	*10/11/25 21:12*	*1*
Toluene-d8 (Surr)	*100*		*71 - 126*	*10/11/25 10:12*	*10/11/25 21:12*	*1*

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Percent Moisture (EPA Moisture)	**10.3**		1.0	1.0	%			10/12/25 18:32	1
Percent Solids (EPA Moisture)	**89.7**		1.0	1.0	%			10/12/25 18:32	1

Client: Haley & Aldrich, Inc.
Project/Site: Former Port Mobil

Job ID: 460-336761-1

Client Sample ID: 49C1_9-10
Date Collected: 10/08/25 08:50
Date Received: 10/08/25 17:00

Lab Sample ID: 460-336761-27
Matrix: Solid
Percent Solids: 89.7

Method: SW846 8260D - Volatile Organic Compounds by GC/MS

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1-Trichloroethane	0.0011	U	0.0011	0.00026	mg/Kg	☼	10/11/25 10:12	10/11/25 21:36	1
1,1,2,2-Tetrachloroethane	0.0011	U	0.0011	0.00059	mg/Kg	☼	10/11/25 10:12	10/11/25 21:36	1
1,1,2-Trichloro-1,2,2-trifluoroethane	0.0011	U	0.0011	0.00034	mg/Kg	☼	10/11/25 10:12	10/11/25 21:36	1
1,1,2-Trichloroethane	0.0011	U	0.0011	0.00068	mg/Kg	☼	10/11/25 10:12	10/11/25 21:36	1
1,1-Dichloroethane	0.0011	U	0.0011	0.00067	mg/Kg	☼	10/11/25 10:12	10/11/25 21:36	1
1,1-Dichloroethene	0.0011	U	0.0011	0.00025	mg/Kg	☼	10/11/25 10:12	10/11/25 21:36	1
1,2,3-Trichlorobenzene	0.0011	U	0.0011	0.00083	mg/Kg	☼	10/11/25 10:12	10/11/25 21:36	1
1,2,4-Trichlorobenzene	0.0011	U	0.0011	0.00040	mg/Kg	☼	10/11/25 10:12	10/11/25 21:36	1
1,2,4-Trimethylbenzene	0.0011	U	0.0011	0.00028	mg/Kg	☼	10/11/25 10:12	10/11/25 21:36	1
1,2-Dibromo-3-Chloropropane	0.0011	U	0.0011	0.00052	mg/Kg	☼	10/11/25 10:12	10/11/25 21:36	1
1,2-Dichlorobenzene	0.0011	U	0.0011	0.00041	mg/Kg	☼	10/11/25 10:12	10/11/25 21:36	1
1,2-Dichloroethane	0.0011	U	0.0011	0.00033	mg/Kg	☼	10/11/25 10:12	10/11/25 21:36	1
1,2-Dichloropropane	0.0011	U	0.0011	0.00048	mg/Kg	☼	10/11/25 10:12	10/11/25 21:36	1
1,3,5-Trimethylbenzene	0.0011	U	0.0011	0.00035	mg/Kg	☼	10/11/25 10:12	10/11/25 21:36	1
1,3-Dichlorobenzene	0.0011	U	0.0011	0.00041	mg/Kg	☼	10/11/25 10:12	10/11/25 21:36	1
1,4-Dichlorobenzene	0.0011	U	0.0011	0.00059	mg/Kg	☼	10/11/25 10:12	10/11/25 21:36	1
2-Butanone (MEK)	0.0056	U	0.0056	0.00041	mg/Kg	☼	10/11/25 10:12	10/11/25 21:36	1
2-Hexanone	0.0056	U	0.0056	0.0019	mg/Kg	☼	10/11/25 10:12	10/11/25 21:36	1
4-Methyl-2-pentanone (MIBK)	0.0056	U	0.0056	0.0018	mg/Kg	☼	10/11/25 10:12	10/11/25 21:36	1
Acetone	0.0068	U	0.0068	0.0064	mg/Kg	☼	10/11/25 10:12	10/11/25 21:36	1
Benzene	0.0011	U	0.0011	0.00064	mg/Kg	☼	10/11/25 10:12	10/11/25 21:36	1
Bromoform	0.0011	U	0.0011	0.00048	mg/Kg	☼	10/11/25 10:12	10/11/25 21:36	1
Bromomethane	0.0023	U	0.0023	0.0011	mg/Kg	☼	10/11/25 10:12	10/11/25 21:36	1
Carbon disulfide	0.0011	U	0.0011	0.00030	mg/Kg	☼	10/11/25 10:12	10/11/25 21:36	1
Carbon tetrachloride	0.0011	U	0.0011	0.00044	mg/Kg	☼	10/11/25 10:12	10/11/25 21:36	1
Chlorobenzene	0.0011	U	0.0011	0.00057	mg/Kg	☼	10/11/25 10:12	10/11/25 21:36	1
Chlorobromomethane	0.0011	U	0.0011	0.00067	mg/Kg	☼	10/11/25 10:12	10/11/25 21:36	1
Chlorodibromomethane	0.0011	U	0.0011	0.00061	mg/Kg	☼	10/11/25 10:12	10/11/25 21:36	1
Chloroethane	0.0011	U	0.0011	0.00059	mg/Kg	☼	10/11/25 10:12	10/11/25 21:36	1
Chloroform	0.0011	U	0.0011	0.0011	mg/Kg	☼	10/11/25 10:12	10/11/25 21:36	1
Chloromethane	0.0011	U	0.0011	0.00049	mg/Kg	☼	10/11/25 10:12	10/11/25 21:36	1
cis-1,2-Dichloroethene	0.0011	U	0.0011	0.00040	mg/Kg	☼	10/11/25 10:12	10/11/25 21:36	1
cis-1,3-Dichloropropene	0.0011	U	0.0011	0.00031	mg/Kg	☼	10/11/25 10:12	10/11/25 21:36	1
Cyclohexane	0.0011	U	0.0011	0.00025	mg/Kg	☼	10/11/25 10:12	10/11/25 21:36	1
Dichlorobromomethane	0.0011	U	0.0011	0.00029	mg/Kg	☼	10/11/25 10:12	10/11/25 21:36	1
Dichlorodifluoromethane	0.0011	U	0.0011	0.00038	mg/Kg	☼	10/11/25 10:12	10/11/25 21:36	1
Ethylbenzene	0.0011	U	0.0011	0.00053	mg/Kg	☼	10/11/25 10:12	10/11/25 21:36	1
Ethylene Dibromide	0.0011	U	0.0011	0.00057	mg/Kg	☼	10/11/25 10:12	10/11/25 21:36	1
Isopropylbenzene	0.0011	U	0.0011	0.00032	mg/Kg	☼	10/11/25 10:12	10/11/25 21:36	1
Methyl acetate	0.0056	U	0.0056	0.0048	mg/Kg	☼	10/11/25 10:12	10/11/25 21:36	1
Methyl tert-butyl ether	0.0011	U	0.0011	0.00058	mg/Kg	☼	10/11/25 10:12	10/11/25 21:36	1
Methylcyclohexane	0.0011	U	0.0011	0.00056	mg/Kg	☼	10/11/25 10:12	10/11/25 21:36	1
Methylene Chloride	**0.0013**	**J**	0.0023	0.0013	mg/Kg	☼	10/11/25 10:12	10/11/25 21:36	1
m-Xylene & p-Xylene	0.0011	U	0.0011	0.00048	mg/Kg	☼	10/11/25 10:12	10/11/25 21:36	1
n-Butylbenzene	0.0011	U	0.0011	0.00033	mg/Kg	☼	10/11/25 10:12	10/11/25 21:36	1
N-Propylbenzene	0.0011	U	0.0011	0.00051	mg/Kg	☼	10/11/25 10:12	10/11/25 21:36	1
o-Xylene	0.0011	U	0.0011	0.00052	mg/Kg	☼	10/11/25 10:12	10/11/25 21:36	1
sec-Butylbenzene	0.0011	U	0.0011	0.00032	mg/Kg	☼	10/11/25 10:12	10/11/25 21:36	1
Styrene	0.0011	U	0.0011	0.00031	mg/Kg	☼	10/11/25 10:12	10/11/25 21:36	1

Client Sample ID: 49C1_9-10

Lab Sample ID: 460-336761-27

Date Collected: 10/08/25 08:50
Matrix: Solid
Date Received: 10/08/25 17:00
Percent Solids: 89.7

Method: SW846 8260D - Volatile Organic Compounds by GC/MS (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
tert-Butylbenzene	0.0011	U	0.0011	0.00031	mg/Kg	☼	10/11/25 10:12	10/11/25 21:36	1
Tetrachloroethene	0.0011	U	0.0011	0.00034	mg/Kg	☼	10/11/25 10:12	10/11/25 21:36	1
Toluene	**0.00058**	**J**	0.0011	0.00026	mg/Kg	☼	10/11/25 10:12	10/11/25 21:36	1
trans-1,2-Dichloroethene	0.0011	U	0.0011	0.00028	mg/Kg	☼	10/11/25 10:12	10/11/25 21:36	1
trans-1,3-Dichloropropene	0.0011	U	0.0011	0.00030	mg/Kg	☼	10/11/25 10:12	10/11/25 21:36	1
Trichloroethene	0.0011	U	0.0011	0.00036	mg/Kg	☼	10/11/25 10:12	10/11/25 21:36	1
Trichlorofluoromethane	0.0011	U	0.0011	0.00046	mg/Kg	☼	10/11/25 10:12	10/11/25 21:36	1
Vinyl chloride	0.0011	U	0.0011	0.00062	mg/Kg	☼	10/11/25 10:12	10/11/25 21:36	1
Xylenes, Total	0.0023	U	0.0023	0.00020	mg/Kg	☼	10/11/25 10:12	10/11/25 21:36	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,2-Dichloroethane-d4 (Surr)	*86*		*65 - 138*	*10/11/25 10:12*	*10/11/25 21:36*	*1*
4-Bromofluorobenzene	*93*		*71 - 128*	*10/11/25 10:12*	*10/11/25 21:36*	*1*
Dibromofluoromethane (Surr)	*97*		*50 - 150*	*10/11/25 10:12*	*10/11/25 21:36*	*1*
Toluene-d8 (Surr)	*99*		*71 - 126*	*10/11/25 10:12*	*10/11/25 21:36*	*1*

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Percent Moisture (EPA Moisture)	**10.3**		1.0	1.0	%			10/12/25 18:32	1
Percent Solids (EPA Moisture)	**89.7**		1.0	1.0	%			10/12/25 18:32	1

Client Sample ID: 49D1_1-2

Lab Sample ID: 460-336761-28

Date Collected: 10/08/25 08:55
Matrix: Solid
Date Received: 10/08/25 17:00
Percent Solids: 88.3

Method: SW846 8260D - Volatile Organic Compounds by GC/MS

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1-Trichloroethane	0.0010	U	0.0010	0.00024	mg/Kg	☼	10/11/25 10:13	10/11/25 22:00	1
1,1,2,2-Tetrachloroethane	0.0010	U	0.0010	0.00055	mg/Kg	☼	10/11/25 10:13	10/11/25 22:00	1
1,1,2-Trichloro-1,2,2-trifluoroethane	0.0010	U	0.0010	0.00032	mg/Kg	☼	10/11/25 10:13	10/11/25 22:00	1
1,1,2-Trichloroethane	0.0010	U	0.0010	0.00063	mg/Kg	☼	10/11/25 10:13	10/11/25 22:00	1
1,1-Dichloroethane	0.0010	U	0.0010	0.00063	mg/Kg	☼	10/11/25 10:13	10/11/25 22:00	1
1,1-Dichloroethene	0.0010	U	0.0010	0.00024	mg/Kg	☼	10/11/25 10:13	10/11/25 22:00	1
1,2,3-Trichlorobenzene	0.0010	U	0.0010	0.00077	mg/Kg	☼	10/11/25 10:13	10/11/25 22:00	1
1,2,4-Trichlorobenzene	0.0010	U	0.0010	0.00038	mg/Kg	☼	10/11/25 10:13	10/11/25 22:00	1
1,2,4-Trimethylbenzene	0.0010	U	0.0010	0.00026	mg/Kg	☼	10/11/25 10:13	10/11/25 22:00	1
1,2-Dibromo-3-Chloropropane	0.0010	U	0.0010	0.00048	mg/Kg	☼	10/11/25 10:13	10/11/25 22:00	1
1,2-Dichlorobenzene	0.0010	U	0.0010	0.00038	mg/Kg	☼	10/11/25 10:13	10/11/25 22:00	1
1,2-Dichloroethane	0.0010	U	0.0010	0.00031	mg/Kg	☼	10/11/25 10:13	10/11/25 22:00	1
1,2-Dichloropropane	0.0010	U	0.0010	0.00044	mg/Kg	☼	10/11/25 10:13	10/11/25 22:00	1
1,3,5-Trimethylbenzene	0.0010	U	0.0010	0.00033	mg/Kg	☼	10/11/25 10:13	10/11/25 22:00	1
1,3-Dichlorobenzene	0.0010	U	0.0010	0.00038	mg/Kg	☼	10/11/25 10:13	10/11/25 22:00	1
1,4-Dichlorobenzene	0.0010	U	0.0010	0.00054	mg/Kg	☼	10/11/25 10:13	10/11/25 22:00	1
2-Butanone (MEK)	0.0052	U	0.0052	0.00039	mg/Kg	☼	10/11/25 10:13	10/11/25 22:00	1
2-Hexanone	0.0052	U	0.0052	0.0018	mg/Kg	☼	10/11/25 10:13	10/11/25 22:00	1
4-Methyl-2-pentanone (MIBK)	0.0052	U	0.0052	0.0016	mg/Kg	☼	10/11/25 10:13	10/11/25 22:00	1
Acetone	**0.055**		0.0063	0.0060	mg/Kg	☼	10/11/25 10:13	10/11/25 22:00	1
Benzene	0.0010	U	0.0010	0.00060	mg/Kg	☼	10/11/25 10:13	10/11/25 22:00	1
Bromoform	0.0010	U	0.0010	0.00045	mg/Kg	☼	10/11/25 10:13	10/11/25 22:00	1
Bromomethane	0.0021	U	0.0021	0.0010	mg/Kg	☼	10/11/25 10:13	10/11/25 22:00	1

Client Sample ID: 49D1_1-2
Date Collected: 10/08/25 08:55
Date Received: 10/08/25 17:00

Lab Sample ID: 460-336761-28
Matrix: Solid
Percent Solids: 88.3

Method: SW846 8260D - Volatile Organic Compounds by GC/MS (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Carbon disulfide	0.0010	U	0.0010	0.00028	mg/Kg	☼	10/11/25 10:13	10/11/25 22:00	1
Carbon tetrachloride	0.0010	U	0.0010	0.00041	mg/Kg	☼	10/11/25 10:13	10/11/25 22:00	1
Chlorobenzene	0.0010	U	0.0010	0.00053	mg/Kg	☼	10/11/25 10:13	10/11/25 22:00	1
Chlorobromomethane	0.0010	U	0.0010	0.00063	mg/Kg	☼	10/11/25 10:13	10/11/25 22:00	1
Chlorodibromomethane	0.0010	U	0.0010	0.00056	mg/Kg	☼	10/11/25 10:13	10/11/25 22:00	1
Chloroethane	0.0010	U	0.0010	0.00055	mg/Kg	☼	10/11/25 10:13	10/11/25 22:00	1
Chloroform	0.0010	U	0.0010	0.0010	mg/Kg	☼	10/11/25 10:13	10/11/25 22:00	1
Chloromethane	0.0010	U	0.0010	0.00046	mg/Kg	☼	10/11/25 10:13	10/11/25 22:00	1
cis-1,2-Dichloroethene	0.0010	U	0.0010	0.00038	mg/Kg	☼	10/11/25 10:13	10/11/25 22:00	1
cis-1,3-Dichloropropene	0.0010	U	0.0010	0.00029	mg/Kg	☼	10/11/25 10:13	10/11/25 22:00	1
Cyclohexane	0.0010	U	0.0010	0.00023	mg/Kg	☼	10/11/25 10:13	10/11/25 22:00	1
Dichlorobromomethane	0.0010	U	0.0010	0.00027	mg/Kg	☼	10/11/25 10:13	10/11/25 22:00	1
Dichlorodifluoromethane	0.0010	U	0.0010	0.00035	mg/Kg	☼	10/11/25 10:13	10/11/25 22:00	1
Ethylbenzene	0.0010	U	0.0010	0.00049	mg/Kg	☼	10/11/25 10:13	10/11/25 22:00	1
Ethylene Dibromide	0.0010	U	0.0010	0.00053	mg/Kg	☼	10/11/25 10:13	10/11/25 22:00	1
Isopropylbenzene	0.0010	U	0.0010	0.00030	mg/Kg	☼	10/11/25 10:13	10/11/25 22:00	1
Methyl acetate	0.0052	U	0.0052	0.0045	mg/Kg	☼	10/11/25 10:13	10/11/25 22:00	1
Methyl tert-butyl ether	0.0010	U	0.0010	0.00054	mg/Kg	☼	10/11/25 10:13	10/11/25 22:00	1
Methylcyclohexane	0.0010	U	0.0010	0.00052	mg/Kg	☼	10/11/25 10:13	10/11/25 22:00	1
Methylene Chloride	0.0021	U	0.0021	0.0012	mg/Kg	☼	10/11/25 10:13	10/11/25 22:00	1
m-Xylene & p-Xylene	0.0010	U	0.0010	0.00044	mg/Kg	☼	10/11/25 10:13	10/11/25 22:00	1
n-Butylbenzene	0.0010	U	0.0010	0.00031	mg/Kg	☼	10/11/25 10:13	10/11/25 22:00	1
N-Propylbenzene	0.0010	U	0.0010	0.00047	mg/Kg	☼	10/11/25 10:13	10/11/25 22:00	1
o-Xylene	0.0010	U	0.0010	0.00048	mg/Kg	☼	10/11/25 10:13	10/11/25 22:00	1
sec-Butylbenzene	0.0010	U	0.0010	0.00030	mg/Kg	☼	10/11/25 10:13	10/11/25 22:00	1
Styrene	0.0010	U	0.0010	0.00029	mg/Kg	☼	10/11/25 10:13	10/11/25 22:00	1
tert-Butylbenzene	0.0010	U	0.0010	0.00029	mg/Kg	☼	10/11/25 10:13	10/11/25 22:00	1
Tetrachloroethene	0.0010	U	0.0010	0.00032	mg/Kg	☼	10/11/25 10:13	10/11/25 22:00	1
Toluene	0.0010	U	0.0010	0.00025	mg/Kg	☼	10/11/25 10:13	10/11/25 22:00	1
trans-1,2-Dichloroethene	0.0010	U	0.0010	0.00026	mg/Kg	☼	10/11/25 10:13	10/11/25 22:00	1
trans-1,3-Dichloropropene	0.0010	U	0.0010	0.00028	mg/Kg	☼	10/11/25 10:13	10/11/25 22:00	1
Trichloroethene	0.0010	U	0.0010	0.00034	mg/Kg	☼	10/11/25 10:13	10/11/25 22:00	1
Trichlorofluoromethane	0.0010	U	0.0010	0.00043	mg/Kg	☼	10/11/25 10:13	10/11/25 22:00	1
Vinyl chloride	0.0010	U	0.0010	0.00057	mg/Kg	☼	10/11/25 10:13	10/11/25 22:00	1
Xylenes, Total	0.0021	U	0.0021	0.00018	mg/Kg	☼	10/11/25 10:13	10/11/25 22:00	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,2-Dichloroethane-d4 (Surr)	*88*		*65 - 138*	*10/11/25 10:13*	*10/11/25 22:00*	*1*
4-Bromofluorobenzene	*94*		*71 - 128*	*10/11/25 10:13*	*10/11/25 22:00*	*1*
Dibromofluoromethane (Surr)	*99*		*50 - 150*	*10/11/25 10:13*	*10/11/25 22:00*	*1*
Toluene-d8 (Surr)	*100*		*71 - 126*	*10/11/25 10:13*	*10/11/25 22:00*	*1*

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Percent Moisture (EPA Moisture)	**11.7**		1.0	1.0	%			10/12/25 18:32	1
Percent Solids (EPA Moisture)	**88.3**		1.0	1.0	%			10/12/25 18:32	1

Client Sample ID: 49D2_2-3
Date Collected: 10/08/25 09:00
Date Received: 10/08/25 17:00

Lab Sample ID: 460-336761-29
Matrix: Solid
Percent Solids: 89.3

Method: SW846 8260D - Volatile Organic Compounds by GC/MS

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1-Trichloroethane	0.0011	U	0.0011	0.00026	mg/Kg	☼	10/11/25 10:13	10/11/25 22:24	1
1,1,2,2-Tetrachloroethane	0.0011	U	0.0011	0.00058	mg/Kg	☼	10/11/25 10:13	10/11/25 22:24	1
1,1,2-Trichloro-1,2,2-trifluoroethane	0.0011	U	0.0011	0.00033	mg/Kg	☼	10/11/25 10:13	10/11/25 22:24	1
1,1,2-Trichloroethane	0.0011	U	0.0011	0.00067	mg/Kg	☼	10/11/25 10:13	10/11/25 22:24	1
1,1-Dichloroethane	0.0011	U	0.0011	0.00066	mg/Kg	☼	10/11/25 10:13	10/11/25 22:24	1
1,1-Dichloroethene	0.0011	U	0.0011	0.00025	mg/Kg	☼	10/11/25 10:13	10/11/25 22:24	1
1,2,3-Trichlorobenzene	0.0011	U	0.0011	0.00082	mg/Kg	☼	10/11/25 10:13	10/11/25 22:24	1
1,2,4-Trichlorobenzene	0.0011	U	0.0011	0.00040	mg/Kg	☼	10/11/25 10:13	10/11/25 22:24	1
1,2,4-Trimethylbenzene	0.0011	U	0.0011	0.00027	mg/Kg	☼	10/11/25 10:13	10/11/25 22:24	1
1,2-Dibromo-3-Chloropropane	0.0011	U	0.0011	0.00051	mg/Kg	☼	10/11/25 10:13	10/11/25 22:24	1
1,2-Dichlorobenzene	0.0011	U	0.0011	0.00040	mg/Kg	☼	10/11/25 10:13	10/11/25 22:24	1
1,2-Dichloroethane	0.0011	U	0.0011	0.00033	mg/Kg	☼	10/11/25 10:13	10/11/25 22:24	1
1,2-Dichloropropane	0.0011	U	0.0011	0.00047	mg/Kg	☼	10/11/25 10:13	10/11/25 22:24	1
1,3,5-Trimethylbenzene	0.0011	U	0.0011	0.00035	mg/Kg	☼	10/11/25 10:13	10/11/25 22:24	1
1,3-Dichlorobenzene	0.0011	U	0.0011	0.00041	mg/Kg	☼	10/11/25 10:13	10/11/25 22:24	1
1,4-Dichlorobenzene	0.0011	U	0.0011	0.00058	mg/Kg	☼	10/11/25 10:13	10/11/25 22:24	1
2-Butanone (MEK)	0.0056	U	0.0056	0.00041	mg/Kg	☼	10/11/25 10:13	10/11/25 22:24	1
2-Hexanone	0.0056	U	0.0056	0.0019	mg/Kg	☼	10/11/25 10:13	10/11/25 22:24	1
4-Methyl-2-pentanone (MIBK)	0.0056	U	0.0056	0.0017	mg/Kg	☼	10/11/25 10:13	10/11/25 22:24	1
Acetone	0.0067	U	0.0067	0.0063	mg/Kg	☼	10/11/25 10:13	10/11/25 22:24	1
Benzene	0.0011	U	0.0011	0.00063	mg/Kg	☼	10/11/25 10:13	10/11/25 22:24	1
Bromoform	0.0011	U	0.0011	0.00047	mg/Kg	☼	10/11/25 10:13	10/11/25 22:24	1
Bromomethane	0.0022	U	0.0022	0.0011	mg/Kg	☼	10/11/25 10:13	10/11/25 22:24	1
Carbon disulfide	0.0011	U	0.0011	0.00030	mg/Kg	☼	10/11/25 10:13	10/11/25 22:24	1
Carbon tetrachloride	0.0011	U	0.0011	0.00043	mg/Kg	☼	10/11/25 10:13	10/11/25 22:24	1
Chlorobenzene	0.0011	U	0.0011	0.00056	mg/Kg	☼	10/11/25 10:13	10/11/25 22:24	1
Chlorobromomethane	0.0011	U	0.0011	0.00066	mg/Kg	☼	10/11/25 10:13	10/11/25 22:24	1
Chlorodibromomethane	0.0011	U	0.0011	0.00060	mg/Kg	☼	10/11/25 10:13	10/11/25 22:24	1
Chloroethane	0.0011	U	0.0011	0.00058	mg/Kg	☼	10/11/25 10:13	10/11/25 22:24	1
Chloroform	0.0011	U	0.0011	0.0011	mg/Kg	☼	10/11/25 10:13	10/11/25 22:24	1
Chloromethane	0.0011	U	0.0011	0.00048	mg/Kg	☼	10/11/25 10:13	10/11/25 22:24	1
cis-1,2-Dichloroethene	0.0011	U	0.0011	0.00040	mg/Kg	☼	10/11/25 10:13	10/11/25 22:24	1
cis-1,3-Dichloropropene	0.0011	U	0.0011	0.00030	mg/Kg	☼	10/11/25 10:13	10/11/25 22:24	1
Cyclohexane	0.0011	U	0.0011	0.00025	mg/Kg	☼	10/11/25 10:13	10/11/25 22:24	1
Dichlorobromomethane	0.0011	U	0.0011	0.00029	mg/Kg	☼	10/11/25 10:13	10/11/25 22:24	1
Dichlorodifluoromethane	0.0011	U	0.0011	0.00038	mg/Kg	☼	10/11/25 10:13	10/11/25 22:24	1
Ethylbenzene	0.0011	U	0.0011	0.00052	mg/Kg	☼	10/11/25 10:13	10/11/25 22:24	1
Ethylene Dibromide	0.0011	U	0.0011	0.00056	mg/Kg	☼	10/11/25 10:13	10/11/25 22:24	1
Isopropylbenzene	0.0011	U	0.0011	0.00032	mg/Kg	☼	10/11/25 10:13	10/11/25 22:24	1
Methyl acetate	0.0056	U	0.0056	0.0048	mg/Kg	☼	10/11/25 10:13	10/11/25 22:24	1
Methyl tert-butyl ether	0.0011	U	0.0011	0.00057	mg/Kg	☼	10/11/25 10:13	10/11/25 22:24	1
Methylcyclohexane	0.0011	U	0.0011	0.00055	mg/Kg	☼	10/11/25 10:13	10/11/25 22:24	1
Methylene Chloride	0.0022	U	0.0022	0.0013	mg/Kg	☼	10/11/25 10:13	10/11/25 22:24	1
m-Xylene & p-Xylene	0.0011	U	0.0011	0.00047	mg/Kg	☼	10/11/25 10:13	10/11/25 22:24	1
n-Butylbenzene	0.0011	U	0.0011	0.00033	mg/Kg	☼	10/11/25 10:13	10/11/25 22:24	1
N-Propylbenzene	0.0011	U	0.0011	0.00050	mg/Kg	☼	10/11/25 10:13	10/11/25 22:24	1
o-Xylene	0.0011	U	0.0011	0.00051	mg/Kg	☼	10/11/25 10:13	10/11/25 22:24	1
sec-Butylbenzene	0.0011	U	0.0011	0.00032	mg/Kg	☼	10/11/25 10:13	10/11/25 22:24	1
Styrene	0.0011	U	0.0011	0.00031	mg/Kg	☼	10/11/25 10:13	10/11/25 22:24	1

Client Sample ID: 49D2_2-3

Date Collected: 10/08/25 09:00
Date Received: 10/08/25 17:00

Lab Sample ID: 460-336761-29

Matrix: Solid
Percent Solids: 89.3

Method: SW846 8260D - Volatile Organic Compounds by GC/MS (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
tert-Butylbenzene	0.0011	U	0.0011	0.00031	mg/Kg	☼	10/11/25 10:13	10/11/25 22:24	1
Tetrachloroethene	0.0011	U	0.0011	0.00034	mg/Kg	☼	10/11/25 10:13	10/11/25 22:24	1
Toluene	**0.00059**	**J**	0.0011	0.00026	mg/Kg	☼	10/11/25 10:13	10/11/25 22:24	1
trans-1,2-Dichloroethene	0.0011	U	0.0011	0.00027	mg/Kg	☼	10/11/25 10:13	10/11/25 22:24	1
trans-1,3-Dichloropropene	0.0011	U	0.0011	0.00030	mg/Kg	☼	10/11/25 10:13	10/11/25 22:24	1
Trichloroethene	0.0011	U	0.0011	0.00036	mg/Kg	☼	10/11/25 10:13	10/11/25 22:24	1
Trichlorofluoromethane	0.0011	U	0.0011	0.00045	mg/Kg	☼	10/11/25 10:13	10/11/25 22:24	1
Vinyl chloride	0.0011	U	0.0011	0.00061	mg/Kg	☼	10/11/25 10:13	10/11/25 22:24	1
Xylenes, Total	0.0022	U	0.0022	0.00019	mg/Kg	☼	10/11/25 10:13	10/11/25 22:24	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,2-Dichloroethane-d4 (Surr)	*87*		*65 - 138*	*10/11/25 10:13*	*10/11/25 22:24*	*1*
4-Bromofluorobenzene	*96*		*71 - 128*	*10/11/25 10:13*	*10/11/25 22:24*	*1*
Dibromofluoromethane (Surr)	*98*		*50 - 150*	*10/11/25 10:13*	*10/11/25 22:24*	*1*
Toluene-d8 (Surr)	*102*		*71 - 126*	*10/11/25 10:13*	*10/11/25 22:24*	*1*

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Percent Moisture (EPA Moisture)	**10.7**		1.0	1.0	%			10/12/25 18:32	1
Percent Solids (EPA Moisture)	**89.3**		1.0	1.0	%			10/12/25 18:32	1

Client Sample ID: 49D3_3-4

Date Collected: 10/08/25 09:05
Date Received: 10/08/25 17:00

Lab Sample ID: 460-336761-30

Matrix: Solid
Percent Solids: 87.9

Method: SW846 8260D - Volatile Organic Compounds by GC/MS

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1-Trichloroethane	0.0011	U	0.0011	0.00026	mg/Kg	☼	10/11/25 10:13	10/11/25 22:48	1
1,1,2,2-Tetrachloroethane	0.0011	U	0.0011	0.00059	mg/Kg	☼	10/11/25 10:13	10/11/25 22:48	1
1,1,2-Trichloro-1,2,2-trifluoroethane	0.0011	U	0.0011	0.00034	mg/Kg	☼	10/11/25 10:13	10/11/25 22:48	1
1,1,2-Trichloroethane	0.0011	U	0.0011	0.00068	mg/Kg	☼	10/11/25 10:13	10/11/25 22:48	1
1,1-Dichloroethane	0.0011	U	0.0011	0.00068	mg/Kg	☼	10/11/25 10:13	10/11/25 22:48	1
1,1-Dichloroethene	0.0011	U	0.0011	0.00026	mg/Kg	☼	10/11/25 10:13	10/11/25 22:48	1
1,2,3-Trichlorobenzene	0.0011	U	0.0011	0.00084	mg/Kg	☼	10/11/25 10:13	10/11/25 22:48	1
1,2,4-Trichlorobenzene	0.0011	U	0.0011	0.00041	mg/Kg	☼	10/11/25 10:13	10/11/25 22:48	1
1,2,4-Trimethylbenzene	0.0011	U	0.0011	0.00028	mg/Kg	☼	10/11/25 10:13	10/11/25 22:48	1
1,2-Dibromo-3-Chloropropane	0.0011	U	0.0011	0.00052	mg/Kg	☼	10/11/25 10:13	10/11/25 22:48	1
1,2-Dichlorobenzene	0.0011	U	0.0011	0.00041	mg/Kg	☼	10/11/25 10:13	10/11/25 22:48	1
1,2-Dichloroethane	0.0011	U	0.0011	0.00034	mg/Kg	☼	10/11/25 10:13	10/11/25 22:48	1
1,2-Dichloropropane	0.0011	U	0.0011	0.00048	mg/Kg	☼	10/11/25 10:13	10/11/25 22:48	1
1,3,5-Trimethylbenzene	0.0011	U	0.0011	0.00036	mg/Kg	☼	10/11/25 10:13	10/11/25 22:48	1
1,3-Dichlorobenzene	0.0011	U	0.0011	0.00041	mg/Kg	☼	10/11/25 10:13	10/11/25 22:48	1
1,4-Dichlorobenzene	0.0011	U	0.0011	0.00059	mg/Kg	☼	10/11/25 10:13	10/11/25 22:48	1
2-Butanone (MEK)	0.0057	U	0.0057	0.00042	mg/Kg	☼	10/11/25 10:13	10/11/25 22:48	1
2-Hexanone	0.0057	U	0.0057	0.0019	mg/Kg	☼	10/11/25 10:13	10/11/25 22:48	1
4-Methyl-2-pentanone (MIBK)	0.0057	U	0.0057	0.0018	mg/Kg	☼	10/11/25 10:13	10/11/25 22:48	1
Acetone	0.0068	U	0.0068	0.0065	mg/Kg	☼	10/11/25 10:13	10/11/25 22:48	1
Benzene	0.0011	U	0.0011	0.00064	mg/Kg	☼	10/11/25 10:13	10/11/25 22:48	1
Bromoform	0.0011	U	0.0011	0.00048	mg/Kg	☼	10/11/25 10:13	10/11/25 22:48	1
Bromomethane	0.0023	U	0.0023	0.0011	mg/Kg	☼	10/11/25 10:13	10/11/25 22:48	1

Client Sample ID: 49D3_3-4
Date Collected: 10/08/25 09:05
Date Received: 10/08/25 17:00

Lab Sample ID: 460-336761-30
Matrix: Solid
Percent Solids: 87.9

Method: SW846 8260D - Volatile Organic Compounds by GC/MS (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Carbon disulfide	0.0011	U	0.0011	0.00030	mg/Kg	☼	10/11/25 10:13	10/11/25 22:48	1
Carbon tetrachloride	0.0011	U	0.0011	0.00044	mg/Kg	☼	10/11/25 10:13	10/11/25 22:48	1
Chlorobenzene	0.0011	U	0.0011	0.00058	mg/Kg	☼	10/11/25 10:13	10/11/25 22:48	1
Chlorobromomethane	0.0011	U	0.0011	0.00068	mg/Kg	☼	10/11/25 10:13	10/11/25 22:48	1
Chlorodibromomethane	0.0011	U	0.0011	0.00061	mg/Kg	☼	10/11/25 10:13	10/11/25 22:48	1
Chloroethane	0.0011	U	0.0011	0.00059	mg/Kg	☼	10/11/25 10:13	10/11/25 22:48	1
Chloroform	0.0011	U	0.0011	0.0011	mg/Kg	☼	10/11/25 10:13	10/11/25 22:48	1
Chloromethane	0.0011	U	0.0011	0.00049	mg/Kg	☼	10/11/25 10:13	10/11/25 22:48	1
cis-1,2-Dichloroethene	0.0011	U	0.0011	0.00041	mg/Kg	☼	10/11/25 10:13	10/11/25 22:48	1
cis-1,3-Dichloropropene	0.0011	U	0.0011	0.00031	mg/Kg	☼	10/11/25 10:13	10/11/25 22:48	1
Cyclohexane	0.0011	U	0.0011	0.00025	mg/Kg	☼	10/11/25 10:13	10/11/25 22:48	1
Dichlorobromomethane	0.0011	U	0.0011	0.00029	mg/Kg	☼	10/11/25 10:13	10/11/25 22:48	1
Dichlorodifluoromethane	0.0011	U	0.0011	0.00038	mg/Kg	☼	10/11/25 10:13	10/11/25 22:48	1
Ethylbenzene	0.0011	U	0.0011	0.00053	mg/Kg	☼	10/11/25 10:13	10/11/25 22:48	1
Ethylene Dibromide	0.0011	U	0.0011	0.00057	mg/Kg	☼	10/11/25 10:13	10/11/25 22:48	1
Isopropylbenzene	0.0011	U	0.0011	0.00032	mg/Kg	☼	10/11/25 10:13	10/11/25 22:48	1
Methyl acetate	0.0057	U	0.0057	0.0049	mg/Kg	☼	10/11/25 10:13	10/11/25 22:48	1
Methyl tert-butyl ether	0.0011	U	0.0011	0.00058	mg/Kg	☼	10/11/25 10:13	10/11/25 22:48	1
Methylcyclohexane	0.0011	U	0.0011	0.00057	mg/Kg	☼	10/11/25 10:13	10/11/25 22:48	1
Methylene Chloride	**0.0014**	**J**	0.0023	0.0013	mg/Kg	☼	10/11/25 10:13	10/11/25 22:48	1
m-Xylene & p-Xylene	0.0011	U	0.0011	0.00048	mg/Kg	☼	10/11/25 10:13	10/11/25 22:48	1
n-Butylbenzene	0.0011	U	0.0011	0.00033	mg/Kg	☼	10/11/25 10:13	10/11/25 22:48	1
N-Propylbenzene	0.0011	U	0.0011	0.00051	mg/Kg	☼	10/11/25 10:13	10/11/25 22:48	1
o-Xylene	0.0011	U	0.0011	0.00052	mg/Kg	☼	10/11/25 10:13	10/11/25 22:48	1
sec-Butylbenzene	0.0011	U	0.0011	0.00033	mg/Kg	☼	10/11/25 10:13	10/11/25 22:48	1
Styrene	0.0011	U	0.0011	0.00032	mg/Kg	☼	10/11/25 10:13	10/11/25 22:48	1
tert-Butylbenzene	0.0011	U	0.0011	0.00031	mg/Kg	☼	10/11/25 10:13	10/11/25 22:48	1
Tetrachloroethene	0.0011	U	0.0011	0.00035	mg/Kg	☼	10/11/25 10:13	10/11/25 22:48	1
Toluene	**0.00052**	**J**	0.0011	0.00027	mg/Kg	☼	10/11/25 10:13	10/11/25 22:48	1
trans-1,2-Dichloroethene	0.0011	U	0.0011	0.00028	mg/Kg	☼	10/11/25 10:13	10/11/25 22:48	1
trans-1,3-Dichloropropene	0.0011	U	0.0011	0.00030	mg/Kg	☼	10/11/25 10:13	10/11/25 22:48	1
Trichloroethene	0.0011	U	0.0011	0.00036	mg/Kg	☼	10/11/25 10:13	10/11/25 22:48	1
Trichlorofluoromethane	0.0011	U	0.0011	0.00046	mg/Kg	☼	10/11/25 10:13	10/11/25 22:48	1
Vinyl chloride	0.0011	U	0.0011	0.00062	mg/Kg	☼	10/11/25 10:13	10/11/25 22:48	1
Xylenes, Total	0.0023	U	0.0023	0.00020	mg/Kg	☼	10/11/25 10:13	10/11/25 22:48	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,2-Dichloroethane-d4 (Surr)	*86*		*65 - 138*	*10/11/25 10:13*	*10/11/25 22:48*	*1*
4-Bromofluorobenzene	*97*		*71 - 128*	*10/11/25 10:13*	*10/11/25 22:48*	*1*
Dibromofluoromethane (Surr)	*96*		*50 - 150*	*10/11/25 10:13*	*10/11/25 22:48*	*1*
Toluene-d8 (Surr)	*102*		*71 - 126*	*10/11/25 10:13*	*10/11/25 22:48*	*1*

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Percent Moisture (EPA Moisture)	**12.1**		1.0	1.0	%			10/12/25 18:32	1
Percent Solids (EPA Moisture)	**87.9**		1.0	1.0	%			10/12/25 18:32	1

Client: Haley & Aldrich, Inc.
Project/Site: Former Port Mobil

Job ID: 460-336761-1

Client Sample ID: 49D1_4-5
Date Collected: 10/08/25 09:10
Date Received: 10/08/25 17:00

Lab Sample ID: 460-336761-31
Matrix: Solid
Percent Solids: 87.6

Method: SW846 8260D - Volatile Organic Compounds by GC/MS

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1-Trichloroethane	0.00082	U	0.00082	0.00019	mg/Kg	☼	10/11/25 10:14	10/11/25 23:13	1
1,1,2,2-Tetrachloroethane	0.00082	U	0.00082	0.00043	mg/Kg	☼	10/11/25 10:14	10/11/25 23:13	1
1,1,2-Trichloro-1,2,2-trifluoroethane	0.00082	U	0.00082	0.00025	mg/Kg	☼	10/11/25 10:14	10/11/25 23:13	1
1,1,2-Trichloroethane	0.00082	U	0.00082	0.00049	mg/Kg	☼	10/11/25 10:14	10/11/25 23:13	1
1,1-Dichloroethane	0.00082	U	0.00082	0.00049	mg/Kg	☼	10/11/25 10:14	10/11/25 23:13	1
1,1-Dichloroethene	0.00082	U	0.00082	0.00018	mg/Kg	☼	10/11/25 10:14	10/11/25 23:13	1
1,2,3-Trichlorobenzene	0.00082	U	0.00082	0.00060	mg/Kg	☼	10/11/25 10:14	10/11/25 23:13	1
1,2,4-Trichlorobenzene	0.00082	U	0.00082	0.00029	mg/Kg	☼	10/11/25 10:14	10/11/25 23:13	1
1,2,4-Trimethylbenzene	0.00082	U	0.00082	0.00020	mg/Kg	☼	10/11/25 10:14	10/11/25 23:13	1
1,2-Dibromo-3-Chloropropane	0.00082	U	0.00082	0.00038	mg/Kg	☼	10/11/25 10:14	10/11/25 23:13	1
1,2-Dichlorobenzene	0.00082	U	0.00082	0.00029	mg/Kg	☼	10/11/25 10:14	10/11/25 23:13	1
1,2-Dichloroethane	0.00082	U	0.00082	0.00024	mg/Kg	☼	10/11/25 10:14	10/11/25 23:13	1
1,2-Dichloropropane	0.00082	U	0.00082	0.00035	mg/Kg	☼	10/11/25 10:14	10/11/25 23:13	1
1,3,5-Trimethylbenzene	0.00082	U	0.00082	0.00026	mg/Kg	☼	10/11/25 10:14	10/11/25 23:13	1
1,3-Dichlorobenzene	0.00082	U	0.00082	0.00030	mg/Kg	☼	10/11/25 10:14	10/11/25 23:13	1
1,4-Dichlorobenzene	0.00082	U	0.00082	0.00042	mg/Kg	☼	10/11/25 10:14	10/11/25 23:13	1
2-Butanone (MEK)	0.0041	U	0.0041	0.00030	mg/Kg	☼	10/11/25 10:14	10/11/25 23:13	1
2-Hexanone	0.0041	U	0.0041	0.0014	mg/Kg	☼	10/11/25 10:14	10/11/25 23:13	1
4-Methyl-2-pentanone (MIBK)	0.0041	U	0.0041	0.0013	mg/Kg	☼	10/11/25 10:14	10/11/25 23:13	1
Acetone	**0.15**		0.0049	0.0047	mg/Kg	☼	10/11/25 10:14	10/11/25 23:13	1
Benzene	0.00082	U	0.00082	0.00046	mg/Kg	☼	10/11/25 10:14	10/11/25 23:13	1
Bromoform	0.00082	U	0.00082	0.00035	mg/Kg	☼	10/11/25 10:14	10/11/25 23:13	1
Bromomethane	0.0016	U	0.0016	0.00082	mg/Kg	☼	10/11/25 10:14	10/11/25 23:13	1
Carbon disulfide	0.00082	U	0.00082	0.00022	mg/Kg	☼	10/11/25 10:14	10/11/25 23:13	1
Carbon tetrachloride	0.00082	U	0.00082	0.00032	mg/Kg	☼	10/11/25 10:14	10/11/25 23:13	1
Chlorobenzene	0.00082	U	0.00082	0.00041	mg/Kg	☼	10/11/25 10:14	10/11/25 23:13	1
Chlorobromomethane	0.00082	U	0.00082	0.00049	mg/Kg	☼	10/11/25 10:14	10/11/25 23:13	1
Chlorodibromomethane	0.00082	U	0.00082	0.00044	mg/Kg	☼	10/11/25 10:14	10/11/25 23:13	1
Chloroethane	0.00082	U	0.00082	0.00043	mg/Kg	☼	10/11/25 10:14	10/11/25 23:13	1
Chloroform	0.00082	U	0.00082	0.00079	mg/Kg	☼	10/11/25 10:14	10/11/25 23:13	1
Chloromethane	0.00082	U	0.00082	0.00036	mg/Kg	☼	10/11/25 10:14	10/11/25 23:13	1
cis-1,2-Dichloroethene	0.00082	U	0.00082	0.00029	mg/Kg	☼	10/11/25 10:14	10/11/25 23:13	1
cis-1,3-Dichloropropene	0.00082	U	0.00082	0.00022	mg/Kg	☼	10/11/25 10:14	10/11/25 23:13	1
Cyclohexane	0.00082	U	0.00082	0.00018	mg/Kg	☼	10/11/25 10:14	10/11/25 23:13	1
Dichlorobromomethane	0.00082	U	0.00082	0.00021	mg/Kg	☼	10/11/25 10:14	10/11/25 23:13	1
Dichlorodifluoromethane	0.00082	U	0.00082	0.00028	mg/Kg	☼	10/11/25 10:14	10/11/25 23:13	1
Ethylbenzene	0.00082	U	0.00082	0.00038	mg/Kg	☼	10/11/25 10:14	10/11/25 23:13	1
Ethylene Dibromide	0.00082	U	0.00082	0.00041	mg/Kg	☼	10/11/25 10:14	10/11/25 23:13	1
Isopropylbenzene	0.00082	U	0.00082	0.00023	mg/Kg	☼	10/11/25 10:14	10/11/25 23:13	1
Methyl acetate	0.0041	U	0.0041	0.0035	mg/Kg	☼	10/11/25 10:14	10/11/25 23:13	1
Methyl tert-butyl ether	0.00082	U	0.00082	0.00042	mg/Kg	☼	10/11/25 10:14	10/11/25 23:13	1
Methylcyclohexane	0.00082	U	0.00082	0.00041	mg/Kg	☼	10/11/25 10:14	10/11/25 23:13	1
Methylene Chloride	0.0016	U	0.0016	0.00094	mg/Kg	☼	10/11/25 10:14	10/11/25 23:13	1
m-Xylene & p-Xylene	0.00082	U	0.00082	0.00035	mg/Kg	☼	10/11/25 10:14	10/11/25 23:13	1
n-Butylbenzene	0.00082	U	0.00082	0.00024	mg/Kg	☼	10/11/25 10:14	10/11/25 23:13	1
N-Propylbenzene	0.00082	U	0.00082	0.00037	mg/Kg	☼	10/11/25 10:14	10/11/25 23:13	1
o-Xylene	0.00082	U	0.00082	0.00038	mg/Kg	☼	10/11/25 10:14	10/11/25 23:13	1
sec-Butylbenzene	0.00082	U	0.00082	0.00024	mg/Kg	☼	10/11/25 10:14	10/11/25 23:13	1
Styrene	0.00082	U	0.00082	0.00023	mg/Kg	☼	10/11/25 10:14	10/11/25 23:13	1

Client Sample ID: 49D1_4-5

Date Collected: 10/08/25 09:10
Date Received: 10/08/25 17:00

Lab Sample ID: 460-336761-31

Matrix: Solid
Percent Solids: 87.6

Method: SW846 8260D - Volatile Organic Compounds by GC/MS (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
tert-Butylbenzene	0.00082	U	0.00082	0.00023	mg/Kg	☼	10/11/25 10:14	10/11/25 23:13	1
Tetrachloroethene	0.00082	U	0.00082	0.00025	mg/Kg	☼	10/11/25 10:14	10/11/25 23:13	1
Toluene	0.00082	U	0.00082	0.00019	mg/Kg	☼	10/11/25 10:14	10/11/25 23:13	1
trans-1,2-Dichloroethene	0.00082	U	0.00082	0.00020	mg/Kg	☼	10/11/25 10:14	10/11/25 23:13	1
trans-1,3-Dichloropropene	0.00082	U	0.00082	0.00022	mg/Kg	☼	10/11/25 10:14	10/11/25 23:13	1
Trichloroethene	0.00082	U	0.00082	0.00026	mg/Kg	☼	10/11/25 10:14	10/11/25 23:13	1
Trichlorofluoromethane	0.00082	U	0.00082	0.00033	mg/Kg	☼	10/11/25 10:14	10/11/25 23:13	1
Vinyl chloride	0.00082	U	0.00082	0.00045	mg/Kg	☼	10/11/25 10:14	10/11/25 23:13	1
Xylenes, Total	0.0016	U	0.0016	0.00014	mg/Kg	☼	10/11/25 10:14	10/11/25 23:13	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,2-Dichloroethane-d4 (Surr)	*87*		*65 - 138*	*10/11/25 10:14*	*10/11/25 23:13*	*1*
4-Bromofluorobenzene	*95*		*71 - 128*	*10/11/25 10:14*	*10/11/25 23:13*	*1*
Dibromofluoromethane (Surr)	*97*		*50 - 150*	*10/11/25 10:14*	*10/11/25 23:13*	*1*
Toluene-d8 (Surr)	*100*		*71 - 126*	*10/11/25 10:14*	*10/11/25 23:13*	*1*

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Percent Moisture (EPA Moisture)	**12.4**		1.0	1.0	%			10/12/25 18:32	1
Percent Solids (EPA Moisture)	**87.6**		1.0	1.0	%			10/12/25 18:32	1

Client Sample ID: 49D2_5-6

Date Collected: 10/08/25 09:15
Date Received: 10/08/25 17:00

Lab Sample ID: 460-336761-32

Matrix: Solid
Percent Solids: 83.9

Method: SW846 8260D - Volatile Organic Compounds by GC/MS

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1-Trichloroethane	0.0017	U	0.0017	0.00039	mg/Kg	☼	10/11/25 10:14	10/11/25 23:37	1
1,1,2,2-Tetrachloroethane	0.0017	U	0.0017	0.00088	mg/Kg	☼	10/11/25 10:14	10/11/25 23:37	1
1,1,2-Trichloro-1,2,2-trifluoroethane	0.0017	U	0.0017	0.00051	mg/Kg	☼	10/11/25 10:14	10/11/25 23:37	1
1,1,2-Trichloroethane	0.0017	U	0.0017	0.0010	mg/Kg	☼	10/11/25 10:14	10/11/25 23:37	1
1,1-Dichloroethane	0.0017	U	0.0017	0.0010	mg/Kg	☼	10/11/25 10:14	10/11/25 23:37	1
1,1-Dichloroethene	0.0017	U	0.0017	0.00038	mg/Kg	☼	10/11/25 10:14	10/11/25 23:37	1
1,2,3-Trichlorobenzene	0.0017	U	0.0017	0.0012	mg/Kg	☼	10/11/25 10:14	10/11/25 23:37	1
1,2,4-Trichlorobenzene	0.0017	U	0.0017	0.00060	mg/Kg	☼	10/11/25 10:14	10/11/25 23:37	1
1,2,4-Trimethylbenzene	0.0017	U	0.0017	0.00041	mg/Kg	☼	10/11/25 10:14	10/11/25 23:37	1
1,2-Dibromo-3-Chloropropane	0.0017	U	0.0017	0.00077	mg/Kg	☼	10/11/25 10:14	10/11/25 23:37	1
1,2-Dichlorobenzene	0.0017	U	0.0017	0.00061	mg/Kg	☼	10/11/25 10:14	10/11/25 23:37	1
1,2-Dichloroethane	0.0017	U	0.0017	0.00050	mg/Kg	☼	10/11/25 10:14	10/11/25 23:37	1
1,2-Dichloropropane	0.0017	U	0.0017	0.00071	mg/Kg	☼	10/11/25 10:14	10/11/25 23:37	1
1,3,5-Trimethylbenzene	0.0017	U	0.0017	0.00053	mg/Kg	☼	10/11/25 10:14	10/11/25 23:37	1
1,3-Dichlorobenzene	0.0017	U	0.0017	0.00061	mg/Kg	☼	10/11/25 10:14	10/11/25 23:37	1
1,4-Dichlorobenzene	0.0017	U	0.0017	0.00087	mg/Kg	☼	10/11/25 10:14	10/11/25 23:37	1
2-Butanone (MEK)	0.0084	U	0.0084	0.00062	mg/Kg	☼	10/11/25 10:14	10/11/25 23:37	1
2-Hexanone	0.0084	U	0.0084	0.0029	mg/Kg	☼	10/11/25 10:14	10/11/25 23:37	1
4-Methyl-2-pentanone (MIBK)	0.0084	U	0.0084	0.0026	mg/Kg	☼	10/11/25 10:14	10/11/25 23:37	1
Acetone	**0.074**		0.010	0.0096	mg/Kg	☼	10/11/25 10:14	10/11/25 23:37	1
Benzene	0.0017	U	0.0017	0.00095	mg/Kg	☼	10/11/25 10:14	10/11/25 23:37	1
Bromoform	0.0017	U	0.0017	0.00071	mg/Kg	☼	10/11/25 10:14	10/11/25 23:37	1
Bromomethane	0.0034	U	0.0034	0.0017	mg/Kg	☼	10/11/25 10:14	10/11/25 23:37	1

Client Sample ID: 49D2_5-6
Date Collected: 10/08/25 09:15
Date Received: 10/08/25 17:00

Lab Sample ID: 460-336761-32
Matrix: Solid
Percent Solids: 83.9

Method: SW846 8260D - Volatile Organic Compounds by GC/MS (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Carbon disulfide	0.0017	U	0.0017	0.00045	mg/Kg	☼	10/11/25 10:14	10/11/25 23:37	1
Carbon tetrachloride	0.0017	U	0.0017	0.00065	mg/Kg	☼	10/11/25 10:14	10/11/25 23:37	1
Chlorobenzene	0.0017	U	0.0017	0.00085	mg/Kg	☼	10/11/25 10:14	10/11/25 23:37	1
Chlorobromomethane	0.0017	U	0.0017	0.0010	mg/Kg	☼	10/11/25 10:14	10/11/25 23:37	1
Chlorodibromomethane	0.0017	U	0.0017	0.00090	mg/Kg	☼	10/11/25 10:14	10/11/25 23:37	1
Chloroethane	0.0017	U	0.0017	0.00088	mg/Kg	☼	10/11/25 10:14	10/11/25 23:37	1
Chloroform	0.0017	U	0.0017	0.0016	mg/Kg	☼	10/11/25 10:14	10/11/25 23:37	1
Chloromethane	0.0017	U	0.0017	0.00073	mg/Kg	☼	10/11/25 10:14	10/11/25 23:37	1
cis-1,2-Dichloroethene	0.0017	U	0.0017	0.00060	mg/Kg	☼	10/11/25 10:14	10/11/25 23:37	1
cis-1,3-Dichloropropene	0.0017	U	0.0017	0.00046	mg/Kg	☼	10/11/25 10:14	10/11/25 23:37	1
Cyclohexane	0.0017	U	0.0017	0.00037	mg/Kg	☼	10/11/25 10:14	10/11/25 23:37	1
Dichlorobromomethane	0.0017	U	0.0017	0.00043	mg/Kg	☼	10/11/25 10:14	10/11/25 23:37	1
Dichlorodifluoromethane	0.0017	U	0.0017	0.00057	mg/Kg	☼	10/11/25 10:14	10/11/25 23:37	1
Ethylbenzene	0.0017	U	0.0017	0.00079	mg/Kg	☼	10/11/25 10:14	10/11/25 23:37	1
Ethylene Dibromide	0.0017	U	0.0017	0.00085	mg/Kg	☼	10/11/25 10:14	10/11/25 23:37	1
Isopropylbenzene	0.0017	U	0.0017	0.00048	mg/Kg	☼	10/11/25 10:14	10/11/25 23:37	1
Methyl acetate	0.0084	U	0.0084	0.0072	mg/Kg	☼	10/11/25 10:14	10/11/25 23:37	1
Methyl tert-butyl ether	0.0017	U	0.0017	0.00086	mg/Kg	☼	10/11/25 10:14	10/11/25 23:37	1
Methylcyclohexane	0.0017	U	0.0017	0.00084	mg/Kg	☼	10/11/25 10:14	10/11/25 23:37	1
Methylene Chloride	0.0034	U	0.0034	0.0019	mg/Kg	☼	10/11/25 10:14	10/11/25 23:37	1
m-Xylene & p-Xylene	0.0017	U	0.0017	0.00071	mg/Kg	☼	10/11/25 10:14	10/11/25 23:37	1
n-Butylbenzene	0.0017	U	0.0017	0.00049	mg/Kg	☼	10/11/25 10:14	10/11/25 23:37	1
N-Propylbenzene	0.0017	U	0.0017	0.00075	mg/Kg	☼	10/11/25 10:14	10/11/25 23:37	1
o-Xylene	0.0017	U	0.0017	0.00077	mg/Kg	☼	10/11/25 10:14	10/11/25 23:37	1
sec-Butylbenzene	0.0017	U	0.0017	0.00048	mg/Kg	☼	10/11/25 10:14	10/11/25 23:37	1
Styrene	0.0017	U	0.0017	0.00047	mg/Kg	☼	10/11/25 10:14	10/11/25 23:37	1
tert-Butylbenzene	0.0017	U	0.0017	0.00046	mg/Kg	☼	10/11/25 10:14	10/11/25 23:37	1
Tetrachloroethene	0.0017	U	0.0017	0.00051	mg/Kg	☼	10/11/25 10:14	10/11/25 23:37	1
Toluene	0.0017	U	0.0017	0.00039	mg/Kg	☼	10/11/25 10:14	10/11/25 23:37	1
trans-1,2-Dichloroethene	0.0017	U	0.0017	0.00041	mg/Kg	☼	10/11/25 10:14	10/11/25 23:37	1
trans-1,3-Dichloropropene	0.0017	U	0.0017	0.00045	mg/Kg	☼	10/11/25 10:14	10/11/25 23:37	1
Trichloroethene	0.0017	U	0.0017	0.00054	mg/Kg	☼	10/11/25 10:14	10/11/25 23:37	1
Trichlorofluoromethane	0.0017	U	0.0017	0.00068	mg/Kg	☼	10/11/25 10:14	10/11/25 23:37	1
Vinyl chloride	0.0017	U	0.0017	0.00092	mg/Kg	☼	10/11/25 10:14	10/11/25 23:37	1
Xylenes, Total	0.0034	U	0.0034	0.00029	mg/Kg	☼	10/11/25 10:14	10/11/25 23:37	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,2-Dichloroethane-d4 (Surr)	*87*		*65 - 138*	*10/11/25 10:14*	*10/11/25 23:37*	*1*
4-Bromofluorobenzene	*94*		*71 - 128*	*10/11/25 10:14*	*10/11/25 23:37*	*1*
Dibromofluoromethane (Surr)	*100*		*50 - 150*	*10/11/25 10:14*	*10/11/25 23:37*	*1*
Toluene-d8 (Surr)	*100*		*71 - 126*	*10/11/25 10:14*	*10/11/25 23:37*	*1*

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Percent Moisture (EPA Moisture)	**16.1**		1.0	1.0	%			10/12/25 18:32	1
Percent Solids (EPA Moisture)	**83.9**		1.0	1.0	%			10/12/25 18:32	1

Client: Haley & Aldrich, Inc.
Project/Site: Former Port Mobil

Job ID: 460-336761-1

Client Sample ID: 49D3_6-7
Date Collected: 10/08/25 09:20
Date Received: 10/08/25 17:00

Lab Sample ID: 460-336761-33
Matrix: Solid
Percent Solids: 88.3

Method: SW846 8260D - Volatile Organic Compounds by GC/MS

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1-Trichloroethane	0.00099	U	0.00099	0.00023	mg/Kg	☼	10/11/25 10:14	10/12/25 00:01	1
1,1,2,2-Tetrachloroethane	0.00099	U	0.00099	0.00052	mg/Kg	☼	10/11/25 10:14	10/12/25 00:01	1
1,1,2-Trichloro-1,2,2-trifluoroethane	0.00099	U	0.00099	0.00030	mg/Kg	☼	10/11/25 10:14	10/12/25 00:01	1
1,1,2-Trichloroethane	0.00099	U	0.00099	0.00059	mg/Kg	☼	10/11/25 10:14	10/12/25 00:01	1
1,1-Dichloroethane	0.00099	U	0.00099	0.00059	mg/Kg	☼	10/11/25 10:14	10/12/25 00:01	1
1,1-Dichloroethene	0.00099	U	0.00099	0.00022	mg/Kg	☼	10/11/25 10:14	10/12/25 00:01	1
1,2,3-Trichlorobenzene	0.00099	U	0.00099	0.00073	mg/Kg	☼	10/11/25 10:14	10/12/25 00:01	1
1,2,4-Trichlorobenzene	0.00099	U	0.00099	0.00035	mg/Kg	☼	10/11/25 10:14	10/12/25 00:01	1
1,2,4-Trimethylbenzene	0.00099	U	0.00099	0.00024	mg/Kg	☼	10/11/25 10:14	10/12/25 00:01	1
1,2-Dibromo-3-Chloropropane	0.00099	U	0.00099	0.00045	mg/Kg	☼	10/11/25 10:14	10/12/25 00:01	1
1,2-Dichlorobenzene	0.00099	U	0.00099	0.00036	mg/Kg	☼	10/11/25 10:14	10/12/25 00:01	1
1,2-Dichloroethane	0.00099	U	0.00099	0.00029	mg/Kg	☼	10/11/25 10:14	10/12/25 00:01	1
1,2-Dichloropropane	0.00099	U	0.00099	0.00042	mg/Kg	☼	10/11/25 10:14	10/12/25 00:01	1
1,3,5-Trimethylbenzene	0.00099	U	0.00099	0.00031	mg/Kg	☼	10/11/25 10:14	10/12/25 00:01	1
1,3-Dichlorobenzene	0.00099	U	0.00099	0.00036	mg/Kg	☼	10/11/25 10:14	10/12/25 00:01	1
1,4-Dichlorobenzene	0.00099	U	0.00099	0.00051	mg/Kg	☼	10/11/25 10:14	10/12/25 00:01	1
2-Butanone (MEK)	0.0049	U	0.0049	0.00036	mg/Kg	☼	10/11/25 10:14	10/12/25 00:01	1
2-Hexanone	0.0049	U	0.0049	0.0017	mg/Kg	☼	10/11/25 10:14	10/12/25 00:01	1
4-Methyl-2-pentanone (MIBK)	0.0049	U	0.0049	0.0015	mg/Kg	☼	10/11/25 10:14	10/12/25 00:01	1
Acetone	0.0059	U	0.0059	0.0056	mg/Kg	☼	10/11/25 10:14	10/12/25 00:01	1
Benzene	0.00099	U	0.00099	0.00056	mg/Kg	☼	10/11/25 10:14	10/12/25 00:01	1
Bromoform	0.00099	U	0.00099	0.00042	mg/Kg	☼	10/11/25 10:14	10/12/25 00:01	1
Bromomethane	0.0020	U	0.0020	0.00099	mg/Kg	☼	10/11/25 10:14	10/12/25 00:01	1
Carbon disulfide	0.00099	U	0.00099	0.00026	mg/Kg	☼	10/11/25 10:14	10/12/25 00:01	1
Carbon tetrachloride	0.00099	U	0.00099	0.00038	mg/Kg	☼	10/11/25 10:14	10/12/25 00:01	1
Chlorobenzene	0.00099	U	0.00099	0.00050	mg/Kg	☼	10/11/25 10:14	10/12/25 00:01	1
Chlorobromomethane	0.00099	U	0.00099	0.00059	mg/Kg	☼	10/11/25 10:14	10/12/25 00:01	1
Chlorodibromomethane	0.00099	U	0.00099	0.00053	mg/Kg	☼	10/11/25 10:14	10/12/25 00:01	1
Chloroethane	0.00099	U	0.00099	0.00052	mg/Kg	☼	10/11/25 10:14	10/12/25 00:01	1
Chloroform	0.00099	U	0.00099	0.00096	mg/Kg	☼	10/11/25 10:14	10/12/25 00:01	1
Chloromethane	0.00099	U	0.00099	0.00043	mg/Kg	☼	10/11/25 10:14	10/12/25 00:01	1
cis-1,2-Dichloroethene	0.00099	U	0.00099	0.00035	mg/Kg	☼	10/11/25 10:14	10/12/25 00:01	1
cis-1,3-Dichloropropene	0.00099	U	0.00099	0.00027	mg/Kg	☼	10/11/25 10:14	10/12/25 00:01	1
Cyclohexane	0.00099	U	0.00099	0.00022	mg/Kg	☼	10/11/25 10:14	10/12/25 00:01	1
Dichlorobromomethane	0.00099	U	0.00099	0.00025	mg/Kg	☼	10/11/25 10:14	10/12/25 00:01	1
Dichlorodifluoromethane	0.00099	U	0.00099	0.00033	mg/Kg	☼	10/11/25 10:14	10/12/25 00:01	1
Ethylbenzene	0.00099	U	0.00099	0.00046	mg/Kg	☼	10/11/25 10:14	10/12/25 00:01	1
Ethylene Dibromide	0.00099	U	0.00099	0.00050	mg/Kg	☼	10/11/25 10:14	10/12/25 00:01	1
Isopropylbenzene	0.00099	U	0.00099	0.00028	mg/Kg	☼	10/11/25 10:14	10/12/25 00:01	1
Methyl acetate	0.0049	U	0.0049	0.0042	mg/Kg	☼	10/11/25 10:14	10/12/25 00:01	1
Methyl tert-butyl ether	0.00099	U	0.00099	0.00051	mg/Kg	☼	10/11/25 10:14	10/12/25 00:01	1
Methylcyclohexane	0.00099	U	0.00099	0.00049	mg/Kg	☼	10/11/25 10:14	10/12/25 00:01	1
Methylene Chloride	0.0020	U	0.0020	0.0011	mg/Kg	☼	10/11/25 10:14	10/12/25 00:01	1
m-Xylene & p-Xylene	0.00099	U	0.00099	0.00042	mg/Kg	☼	10/11/25 10:14	10/12/25 00:01	1
n-Butylbenzene	0.00099	U	0.00099	0.00029	mg/Kg	☼	10/11/25 10:14	10/12/25 00:01	1
N-Propylbenzene	0.00099	U	0.00099	0.00044	mg/Kg	☼	10/11/25 10:14	10/12/25 00:01	1
o-Xylene	0.00099	U	0.00099	0.00046	mg/Kg	☼	10/11/25 10:14	10/12/25 00:01	1
sec-Butylbenzene	0.00099	U	0.00099	0.00028	mg/Kg	☼	10/11/25 10:14	10/12/25 00:01	1
Styrene	0.00099	U	0.00099	0.00027	mg/Kg	☼	10/11/25 10:14	10/12/25 00:01	1

Client Sample ID: 49D3_6-7

Lab Sample ID: 460-336761-33
Date Collected: 10/08/25 09:20
Matrix: Solid
Date Received: 10/08/25 17:00
Percent Solids: 88.3

Method: SW846 8260D - Volatile Organic Compounds by GC/MS (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
tert-Butylbenzene	0.00099	U	0.00099	0.00027	mg/Kg	☼	10/11/25 10:14	10/12/25 00:01	1
Tetrachloroethene	0.00099	U	0.00099	0.00030	mg/Kg	☼	10/11/25 10:14	10/12/25 00:01	1
Toluene	0.00099	U	0.00099	0.00023	mg/Kg	☼	10/11/25 10:14	10/12/25 00:01	1
trans-1,2-Dichloroethene	0.00099	U	0.00099	0.00024	mg/Kg	☼	10/11/25 10:14	10/12/25 00:01	1
trans-1,3-Dichloropropene	0.00099	U	0.00099	0.00026	mg/Kg	☼	10/11/25 10:14	10/12/25 00:01	1
Trichloroethene	0.00099	U	0.00099	0.00032	mg/Kg	☼	10/11/25 10:14	10/12/25 00:01	1
Trichlorofluoromethane	0.00099	U	0.00099	0.00040	mg/Kg	☼	10/11/25 10:14	10/12/25 00:01	1
Vinyl chloride	0.00099	U	0.00099	0.00054	mg/Kg	☼	10/11/25 10:14	10/12/25 00:01	1
Xylenes, Total	0.0020	U	0.0020	0.00017	mg/Kg	☼	10/11/25 10:14	10/12/25 00:01	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,2-Dichloroethane-d4 (Surr)	*88*		*65 - 138*	*10/11/25 10:14*	*10/12/25 00:01*	*1*
4-Bromofluorobenzene	*95*		*71 - 128*	*10/11/25 10:14*	*10/12/25 00:01*	*1*
Dibromofluoromethane (Surr)	*98*		*50 - 150*	*10/11/25 10:14*	*10/12/25 00:01*	*1*
Toluene-d8 (Surr)	*101*		*71 - 126*	*10/11/25 10:14*	*10/12/25 00:01*	*1*

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Percent Moisture (EPA Moisture)	**11.7**		1.0	1.0	%			10/12/25 18:32	1
Percent Solids (EPA Moisture)	**88.3**		1.0	1.0	%			10/12/25 18:32	1

Client Sample ID: 49D1_7-8

Lab Sample ID: 460-336761-34
Date Collected: 10/08/25 09:25
Matrix: Solid
Date Received: 10/08/25 17:00
Percent Solids: 85.5

Method: SW846 8260D - Volatile Organic Compounds by GC/MS

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1-Trichloroethane	0.0014	U	0.0014	0.00034	mg/Kg	☼	10/11/25 10:14	10/13/25 12:45	1
1,1,2,2-Tetrachloroethane	0.0014	U	0.0014	0.00076	mg/Kg	☼	10/11/25 10:14	10/13/25 12:45	1
1,1,2-Trichloro-1,2,2-trifluoroethane	0.0014	U	0.0014	0.00044	mg/Kg	☼	10/11/25 10:14	10/13/25 12:45	1
1,1,2-Trichloroethane	0.0014	U	0.0014	0.00087	mg/Kg	☼	10/11/25 10:14	10/13/25 12:45	1
1,1-Dichloroethane	0.0014	U	0.0014	0.00087	mg/Kg	☼	10/11/25 10:14	10/13/25 12:45	1
1,1-Dichloroethene	0.0014	U	0.0014	0.00033	mg/Kg	☼	10/11/25 10:14	10/13/25 12:45	1
1,2,3-Trichlorobenzene	0.0014	U	0.0014	0.0011	mg/Kg	☼	10/11/25 10:14	10/13/25 12:45	1
1,2,4-Trichlorobenzene	0.0014	U	0.0014	0.00052	mg/Kg	☼	10/11/25 10:14	10/13/25 12:45	1
1,2,4-Trimethylbenzene	0.0014	U	0.0014	0.00036	mg/Kg	☼	10/11/25 10:14	10/13/25 12:45	1
1,2-Dibromo-3-Chloropropane	0.0014	U	0.0014	0.00067	mg/Kg	☼	10/11/25 10:14	10/13/25 12:45	1
1,2-Dichlorobenzene	0.0014	U	0.0014	0.00052	mg/Kg	☼	10/11/25 10:14	10/13/25 12:45	1
1,2-Dichloroethane	0.0014	U	0.0014	0.00043	mg/Kg	☼	10/11/25 10:14	10/13/25 12:45	1
1,2-Dichloropropane	0.0014	U	0.0014	0.00061	mg/Kg	☼	10/11/25 10:14	10/13/25 12:45	1
1,3,5-Trimethylbenzene	0.0014	U	0.0014	0.00046	mg/Kg	☼	10/11/25 10:14	10/13/25 12:45	1
1,3-Dichlorobenzene	0.0014	U	0.0014	0.00053	mg/Kg	☼	10/11/25 10:14	10/13/25 12:45	1
1,4-Dichlorobenzene	0.0014	U	0.0014	0.00075	mg/Kg	☼	10/11/25 10:14	10/13/25 12:45	1
2-Butanone (MEK)	0.0072	U	0.0072	0.00053	mg/Kg	☼	10/11/25 10:14	10/13/25 12:45	1
2-Hexanone	0.0072	U	0.0072	0.0025	mg/Kg	☼	10/11/25 10:14	10/13/25 12:45	1
4-Methyl-2-pentanone (MIBK)	0.0072	U	0.0072	0.0023	mg/Kg	☼	10/11/25 10:14	10/13/25 12:45	1
Acetone	**0.19**		0.0087	0.0083	mg/Kg	☼	10/11/25 10:14	10/13/25 12:45	1
Benzene	0.0014	U	0.0014	0.00082	mg/Kg	☼	10/11/25 10:14	10/13/25 12:45	1
Bromoform	0.0014	U	0.0014	0.00062	mg/Kg	☼	10/11/25 10:14	10/13/25 12:45	1
Bromomethane	0.0029	U	0.0029	0.0014	mg/Kg	☼	10/11/25 10:14	10/13/25 12:45	1

Client Sample ID: 49D1_7-8
Date Collected: 10/08/25 09:25
Date Received: 10/08/25 17:00

Lab Sample ID: 460-336761-34
Matrix: Solid
Percent Solids: 85.5

Method: SW846 8260D - Volatile Organic Compounds by GC/MS (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Carbon disulfide	0.0014	U	0.0014	0.00039	mg/Kg	☼	10/11/25 10:14	10/13/25 12:45	1
Carbon tetrachloride	0.0014	U	0.0014	0.00056	mg/Kg	☼	10/11/25 10:14	10/13/25 12:45	1
Chlorobenzene	0.0014	U	0.0014	0.00074	mg/Kg	☼	10/11/25 10:14	10/13/25 12:45	1
Chlorobromomethane	0.0014	U	0.0014	0.00086	mg/Kg	☼	10/11/25 10:14	10/13/25 12:45	1
Chlorodibromomethane	0.0014	U	0.0014	0.00078	mg/Kg	☼	10/11/25 10:14	10/13/25 12:45	1
Chloroethane	0.0014	U	0.0014	0.00076	mg/Kg	☼	10/11/25 10:14	10/13/25 12:45	1
Chloroform	0.0014	U	0.0014	0.0014	mg/Kg	☼	10/11/25 10:14	10/13/25 12:45	1
Chloromethane	0.0014	U	0.0014	0.00063	mg/Kg	☼	10/11/25 10:14	10/13/25 12:45	1
cis-1,2-Dichloroethene	0.0014	U	0.0014	0.00052	mg/Kg	☼	10/11/25 10:14	10/13/25 12:45	1
cis-1,3-Dichloropropene	0.0014	U	0.0014	0.00040	mg/Kg	☼	10/11/25 10:14	10/13/25 12:45	1
Cyclohexane	0.0014	U	0.0014	0.00032	mg/Kg	☼	10/11/25 10:14	10/13/25 12:45	1
Dichlorobromomethane	0.0014	U	0.0014	0.00037	mg/Kg	☼	10/11/25 10:14	10/13/25 12:45	1
Dichlorodifluoromethane	0.0014	U	0.0014	0.00049	mg/Kg	☼	10/11/25 10:14	10/13/25 12:45	1
Ethylbenzene	0.0014	U	0.0014	0.00068	mg/Kg	☼	10/11/25 10:14	10/13/25 12:45	1
Ethylene Dibromide	0.0014	U	0.0014	0.00073	mg/Kg	☼	10/11/25 10:14	10/13/25 12:45	1
Isopropylbenzene	0.0014	U	0.0014	0.00041	mg/Kg	☼	10/11/25 10:14	10/13/25 12:45	1
Methyl acetate	0.0072	U	0.0072	0.0062	mg/Kg	☼	10/11/25 10:14	10/13/25 12:45	1
Methyl tert-butyl ether	0.0014	U	0.0014	0.00074	mg/Kg	☼	10/11/25 10:14	10/13/25 12:45	1
Methylcyclohexane	0.0014	U	0.0014	0.00072	mg/Kg	☼	10/11/25 10:14	10/13/25 12:45	1
Methylene Chloride	0.0029	U	0.0029	0.0017	mg/Kg	☼	10/11/25 10:14	10/13/25 12:45	1
m-Xylene & p-Xylene	0.0014	U	0.0014	0.00061	mg/Kg	☼	10/11/25 10:14	10/13/25 12:45	1
n-Butylbenzene	0.0014	U	0.0014	0.00043	mg/Kg	☼	10/11/25 10:14	10/13/25 12:45	1
N-Propylbenzene	0.0014	U	0.0014	0.00065	mg/Kg	☼	10/11/25 10:14	10/13/25 12:45	1
o-Xylene	0.0014	U	0.0014	0.00067	mg/Kg	☼	10/11/25 10:14	10/13/25 12:45	1
sec-Butylbenzene	0.0014	U	0.0014	0.00042	mg/Kg	☼	10/11/25 10:14	10/13/25 12:45	1
Styrene	0.0014	U	0.0014	0.00040	mg/Kg	☼	10/11/25 10:14	10/13/25 12:45	1
tert-Butylbenzene	0.0014	U	0.0014	0.00040	mg/Kg	☼	10/11/25 10:14	10/13/25 12:45	1
Tetrachloroethene	0.0014	U	0.0014	0.00044	mg/Kg	☼	10/11/25 10:14	10/13/25 12:45	1
Toluene	0.0014	U	0.0014	0.00034	mg/Kg	☼	10/11/25 10:14	10/13/25 12:45	1
trans-1,2-Dichloroethene	0.0014	U	0.0014	0.00036	mg/Kg	☼	10/11/25 10:14	10/13/25 12:45	1
trans-1,3-Dichloropropene	0.0014	U	0.0014	0.00039	mg/Kg	☼	10/11/25 10:14	10/13/25 12:45	1
Trichloroethene	0.0014	U	0.0014	0.00047	mg/Kg	☼	10/11/25 10:14	10/13/25 12:45	1
Trichlorofluoromethane	0.0014	U	0.0014	0.00059	mg/Kg	☼	10/11/25 10:14	10/13/25 12:45	1
Vinyl chloride	0.0014	U	0.0014	0.00079	mg/Kg	☼	10/11/25 10:14	10/13/25 12:45	1
Xylenes, Total	0.0029	U	0.0029	0.00025	mg/Kg	☼	10/11/25 10:14	10/13/25 12:45	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,2-Dichloroethane-d4 (Surr)	*84*		*65 - 138*	*10/11/25 10:14*	*10/13/25 12:45*	*1*
4-Bromofluorobenzene	*95*		*71 - 128*	*10/11/25 10:14*	*10/13/25 12:45*	*1*
Dibromofluoromethane (Surr)	*97*		*50 - 150*	*10/11/25 10:14*	*10/13/25 12:45*	*1*
Toluene-d8 (Surr)	*99*		*71 - 126*	*10/11/25 10:14*	*10/13/25 12:45*	*1*

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Percent Moisture (EPA Moisture)	**14.5**		1.0	1.0	%			10/12/25 18:32	1
Percent Solids (EPA Moisture)	**85.5**		1.0	1.0	%			10/12/25 18:32	1

Client Sample ID: 5A1_1-2
Date Collected: 10/08/25 10:20
Date Received: 10/08/25 17:00

Lab Sample ID: 460-336761-35
Matrix: Solid
Percent Solids: 92.6

Method: SW846 8260D - Volatile Organic Compounds by GC/MS

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1-Trichloroethane	0.0012	U	0.0012	0.00028	mg/Kg	☼	10/11/25 10:15	10/13/25 13:09	1
1,1,2,2-Tetrachloroethane	0.0012	U	0.0012	0.00063	mg/Kg	☼	10/11/25 10:15	10/13/25 13:09	1
1,1,2-Trichloro-1,2,2-trifluoroethane	0.0012	U	0.0012	0.00036	mg/Kg	☼	10/11/25 10:15	10/13/25 13:09	1
1,1,2-Trichloroethane	0.0012	U	0.0012	0.00073	mg/Kg	☼	10/11/25 10:15	10/13/25 13:09	1
1,1-Dichloroethane	0.0012	U	0.0012	0.00072	mg/Kg	☼	10/11/25 10:15	10/13/25 13:09	1
1,1-Dichloroethene	0.0012	U	0.0012	0.00027	mg/Kg	☼	10/11/25 10:15	10/13/25 13:09	1
1,2,3-Trichlorobenzene	0.0012	U	0.0012	0.00089	mg/Kg	☼	10/11/25 10:15	10/13/25 13:09	1
1,2,4-Trichlorobenzene	0.0012	U	0.0012	0.00043	mg/Kg	☼	10/11/25 10:15	10/13/25 13:09	1
1,2,4-Trimethylbenzene	0.0012	U	0.0012	0.00030	mg/Kg	☼	10/11/25 10:15	10/13/25 13:09	1
1,2-Dibromo-3-Chloropropane	0.0012	U	0.0012	0.00056	mg/Kg	☼	10/11/25 10:15	10/13/25 13:09	1
1,2-Dichlorobenzene	0.0012	U	0.0012	0.00044	mg/Kg	☼	10/11/25 10:15	10/13/25 13:09	1
1,2-Dichloroethane	0.0012	U	0.0012	0.00036	mg/Kg	☼	10/11/25 10:15	10/13/25 13:09	1
1,2-Dichloropropane	0.0012	U	0.0012	0.00051	mg/Kg	☼	10/11/25 10:15	10/13/25 13:09	1
1,3,5-Trimethylbenzene	0.0012	U	0.0012	0.00038	mg/Kg	☼	10/11/25 10:15	10/13/25 13:09	1
1,3-Dichlorobenzene	0.0012	U	0.0012	0.00044	mg/Kg	☼	10/11/25 10:15	10/13/25 13:09	1
1,4-Dichlorobenzene	0.0012	U	0.0012	0.00063	mg/Kg	☼	10/11/25 10:15	10/13/25 13:09	1
2-Butanone (MEK)	0.0061	U	0.0061	0.00045	mg/Kg	☼	10/11/25 10:15	10/13/25 13:09	1
2-Hexanone	0.0061	U	0.0061	0.0021	mg/Kg	☼	10/11/25 10:15	10/13/25 13:09	1
4-Methyl-2-pentanone (MIBK)	0.0061	U	0.0061	0.0019	mg/Kg	☼	10/11/25 10:15	10/13/25 13:09	1
Acetone	0.0073	U	0.0073	0.0069	mg/Kg	☼	10/11/25 10:15	10/13/25 13:09	1
Benzene	0.0012	U	0.0012	0.00069	mg/Kg	☼	10/11/25 10:15	10/13/25 13:09	1
Bromoform	0.0012	U	0.0012	0.00052	mg/Kg	☼	10/11/25 10:15	10/13/25 13:09	1
Bromomethane	0.0024	U	0.0024	0.0012	mg/Kg	☼	10/11/25 10:15	10/13/25 13:09	1
Carbon disulfide	0.0012	U	0.0012	0.00032	mg/Kg	☼	10/11/25 10:15	10/13/25 13:09	1
Carbon tetrachloride	0.0012	U	0.0012	0.00047	mg/Kg	☼	10/11/25 10:15	10/13/25 13:09	1
Chlorobenzene	0.0012	U	0.0012	0.00061	mg/Kg	☼	10/11/25 10:15	10/13/25 13:09	1
Chlorobromomethane	0.0012	U	0.0012	0.00072	mg/Kg	☼	10/11/25 10:15	10/13/25 13:09	1
Chlorodibromomethane	0.0012	U	0.0012	0.00065	mg/Kg	☼	10/11/25 10:15	10/13/25 13:09	1
Chloroethane	0.0012	U	0.0012	0.00063	mg/Kg	☼	10/11/25 10:15	10/13/25 13:09	1
Chloroform	0.0012	U	0.0012	0.0012	mg/Kg	☼	10/11/25 10:15	10/13/25 13:09	1
Chloromethane	0.0012	U	0.0012	0.00053	mg/Kg	☼	10/11/25 10:15	10/13/25 13:09	1
cis-1,2-Dichloroethene	0.0012	U	0.0012	0.00043	mg/Kg	☼	10/11/25 10:15	10/13/25 13:09	1
cis-1,3-Dichloropropene	0.0012	U	0.0012	0.00033	mg/Kg	☼	10/11/25 10:15	10/13/25 13:09	1
Cyclohexane	0.0012	U	0.0012	0.00027	mg/Kg	☼	10/11/25 10:15	10/13/25 13:09	1
Dichlorobromomethane	0.0012	U	0.0012	0.00031	mg/Kg	☼	10/11/25 10:15	10/13/25 13:09	1
Dichlorodifluoromethane	0.0012	U	0.0012	0.00041	mg/Kg	☼	10/11/25 10:15	10/13/25 13:09	1
Ethylbenzene	0.0012	U	0.0012	0.00057	mg/Kg	☼	10/11/25 10:15	10/13/25 13:09	1
Ethylene Dibromide	0.0012	U	0.0012	0.00061	mg/Kg	☼	10/11/25 10:15	10/13/25 13:09	1
Isopropylbenzene	0.0012	U	0.0012	0.00035	mg/Kg	☼	10/11/25 10:15	10/13/25 13:09	1
Methyl acetate	0.0061	U	0.0061	0.0052	mg/Kg	☼	10/11/25 10:15	10/13/25 13:09	1
Methyl tert-butyl ether	0.0012	U	0.0012	0.00062	mg/Kg	☼	10/11/25 10:15	10/13/25 13:09	1
Methylcyclohexane	0.0012	U	0.0012	0.00060	mg/Kg	☼	10/11/25 10:15	10/13/25 13:09	1
Methylene Chloride	0.0024	U	0.0024	0.0014	mg/Kg	☼	10/11/25 10:15	10/13/25 13:09	1
m-Xylene & p-Xylene	0.0012	U	0.0012	0.00051	mg/Kg	☼	10/11/25 10:15	10/13/25 13:09	1
n-Butylbenzene	0.0012	U	0.0012	0.00036	mg/Kg	☼	10/11/25 10:15	10/13/25 13:09	1
N-Propylbenzene	0.0012	U	0.0012	0.00054	mg/Kg	☼	10/11/25 10:15	10/13/25 13:09	1
o-Xylene	0.0012	U	0.0012	0.00056	mg/Kg	☼	10/11/25 10:15	10/13/25 13:09	1
sec-Butylbenzene	0.0012	U	0.0012	0.00035	mg/Kg	☼	10/11/25 10:15	10/13/25 13:09	1
Styrene	0.0012	U	0.0012	0.00034	mg/Kg	☼	10/11/25 10:15	10/13/25 13:09	1

Client Sample ID: 5A1_1-2

Date Collected: 10/08/25 10:20
Date Received: 10/08/25 17:00

Lab Sample ID: 460-336761-35

Matrix: Solid
Percent Solids: 92.6

Method: SW846 8260D - Volatile Organic Compounds by GC/MS (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
tert-Butylbenzene	0.0012	U	0.0012	0.00033	mg/Kg	☼	10/11/25 10:15	10/13/25 13:09	1
Tetrachloroethene	0.0012	U	0.0012	0.00037	mg/Kg	☼	10/11/25 10:15	10/13/25 13:09	1
Toluene	0.0012	U	0.0012	0.00028	mg/Kg	☼	10/11/25 10:15	10/13/25 13:09	1
trans-1,2-Dichloroethene	0.0012	U	0.0012	0.00030	mg/Kg	☼	10/11/25 10:15	10/13/25 13:09	1
trans-1,3-Dichloropropene	0.0012	U	0.0012	0.00032	mg/Kg	☼	10/11/25 10:15	10/13/25 13:09	1
Trichloroethene	0.0012	U	0.0012	0.00039	mg/Kg	☼	10/11/25 10:15	10/13/25 13:09	1
Trichlorofluoromethane	0.0012	U	0.0012	0.00049	mg/Kg	☼	10/11/25 10:15	10/13/25 13:09	1
Vinyl chloride	0.0012	U	0.0012	0.00066	mg/Kg	☼	10/11/25 10:15	10/13/25 13:09	1
Xylenes, Total	0.0024	U	0.0024	0.00021	mg/Kg	☼	10/11/25 10:15	10/13/25 13:09	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,2-Dichloroethane-d4 (Surr)	*85*		*65 - 138*	*10/11/25 10:15*	*10/13/25 13:09*	*1*
4-Bromofluorobenzene	*94*		*71 - 128*	*10/11/25 10:15*	*10/13/25 13:09*	*1*
Dibromofluoromethane (Surr)	*97*		*50 - 150*	*10/11/25 10:15*	*10/13/25 13:09*	*1*
Toluene-d8 (Surr)	*99*		*71 - 126*	*10/11/25 10:15*	*10/13/25 13:09*	*1*

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Percent Moisture (EPA Moisture)	**7.4**		1.0	1.0	%			10/12/25 17:49	1
Percent Solids (EPA Moisture)	**92.6**		1.0	1.0	%			10/12/25 17:49	1

Client Sample ID: 5A2_2-3

Date Collected: 10/08/25 10:25
Date Received: 10/08/25 17:00

Lab Sample ID: 460-336761-36

Matrix: Solid
Percent Solids: 91.0

Method: SW846 8260D - Volatile Organic Compounds by GC/MS

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1-Trichloroethane	0.0016	U	0.0016	0.00037	mg/Kg	☼	10/11/25 10:15	10/12/25 07:21	1
1,1,2,2-Tetrachloroethane	0.0016	U	0.0016	0.00082	mg/Kg	☼	10/11/25 10:15	10/12/25 07:21	1
1,1,2-Trichloro-1,2,2-trifluoroethane	0.0016	U	0.0016	0.00047	mg/Kg	☼	10/11/25 10:15	10/12/25 07:21	1
1,1,2-Trichloroethane	0.0016	U	0.0016	0.00095	mg/Kg	☼	10/11/25 10:15	10/12/25 07:21	1
1,1-Dichloroethane	0.0016	U	0.0016	0.00094	mg/Kg	☼	10/11/25 10:15	10/12/25 07:21	1
1,1-Dichloroethene	0.0016	U	0.0016	0.00035	mg/Kg	☼	10/11/25 10:15	10/12/25 07:21	1
1,2,3-Trichlorobenzene	0.0016	U	0.0016	0.0012	mg/Kg	☼	10/11/25 10:15	10/12/25 07:21	1
1,2,4-Trichlorobenzene	0.0016	U	0.0016	0.00056	mg/Kg	☼	10/11/25 10:15	10/12/25 07:21	1
1,2,4-Trimethylbenzene	0.0016	U	0.0016	0.00039	mg/Kg	☼	10/11/25 10:15	10/12/25 07:21	1
1,2-Dibromo-3-Chloropropane	0.0016	U	0.0016	0.00072	mg/Kg	☼	10/11/25 10:15	10/12/25 07:21	1
1,2-Dichlorobenzene	0.0016	U	0.0016	0.00057	mg/Kg	☼	10/11/25 10:15	10/12/25 07:21	1
1,2-Dichloroethane	0.0016	U	0.0016	0.00047	mg/Kg	☼	10/11/25 10:15	10/12/25 07:21	1
1,2-Dichloropropane	0.0016	U	0.0016	0.00067	mg/Kg	☼	10/11/25 10:15	10/12/25 07:21	1
1,3,5-Trimethylbenzene	0.0016	U	0.0016	0.00049	mg/Kg	☼	10/11/25 10:15	10/12/25 07:21	1
1,3-Dichlorobenzene	0.0016	U	0.0016	0.00057	mg/Kg	☼	10/11/25 10:15	10/12/25 07:21	1
1,4-Dichlorobenzene	0.0016	U	0.0016	0.00082	mg/Kg	☼	10/11/25 10:15	10/12/25 07:21	1
2-Butanone (MEK)	0.0079	U	0.0079	0.00058	mg/Kg	☼	10/11/25 10:15	10/12/25 07:21	1
2-Hexanone	0.0079	U	0.0079	0.0027	mg/Kg	☼	10/11/25 10:15	10/12/25 07:21	1
4-Methyl-2-pentanone (MIBK)	0.0079	U	0.0079	0.0024	mg/Kg	☼	10/11/25 10:15	10/12/25 07:21	1
Acetone	**0.22**		0.0095	0.0090	mg/Kg	☼	10/11/25 10:15	10/12/25 07:21	1
Benzene	0.0016	U	0.0016	0.00089	mg/Kg	☼	10/11/25 10:15	10/12/25 07:21	1
Bromoform	0.0016	U	0.0016	0.00067	mg/Kg	☼	10/11/25 10:15	10/12/25 07:21	1
Bromomethane	0.0032	U *	0.0032	0.0016	mg/Kg	☼	10/11/25 10:15	10/12/25 07:21	1

Client Sample ID: 5A2_2-3
Date Collected: 10/08/25 10:25
Date Received: 10/08/25 17:00

Lab Sample ID: 460-336761-36
Matrix: Solid
Percent Solids: 91.0

Method: SW846 8260D - Volatile Organic Compounds by GC/MS (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Carbon disulfide	0.0016	U	0.0016	0.00042	mg/Kg	☼	10/11/25 10:15	10/12/25 07:21	1
Carbon tetrachloride	0.0016	U	0.0016	0.00061	mg/Kg	☼	10/11/25 10:15	10/12/25 07:21	1
Chlorobenzene	0.0016	U	0.0016	0.00080	mg/Kg	☼	10/11/25 10:15	10/12/25 07:21	1
Chlorobromomethane	0.0016	U	0.0016	0.00094	mg/Kg	☼	10/11/25 10:15	10/12/25 07:21	1
Chlorodibromomethane	0.0016	U	0.0016	0.00085	mg/Kg	☼	10/11/25 10:15	10/12/25 07:21	1
Chloroethane	0.0016	U	0.0016	0.00082	mg/Kg	☼	10/11/25 10:15	10/12/25 07:21	1
Chloroform	0.0016	U	0.0016	0.0015	mg/Kg	☼	10/11/25 10:15	10/12/25 07:21	1
Chloromethane	0.0016	U	0.0016	0.00069	mg/Kg	☼	10/11/25 10:15	10/12/25 07:21	1
cis-1,2-Dichloroethene	0.0016	U	0.0016	0.00056	mg/Kg	☼	10/11/25 10:15	10/12/25 07:21	1
cis-1,3-Dichloropropene	0.0016	U	0.0016	0.00043	mg/Kg	☼	10/11/25 10:15	10/12/25 07:21	1
Cyclohexane	0.0016	U	0.0016	0.00035	mg/Kg	☼	10/11/25 10:15	10/12/25 07:21	1
Dichlorobromomethane	0.0016	U	0.0016	0.00040	mg/Kg	☼	10/11/25 10:15	10/12/25 07:21	1
Dichlorodifluoromethane	0.0016	U	0.0016	0.00053	mg/Kg	☼	10/11/25 10:15	10/12/25 07:21	1
Ethylbenzene	0.0016	U	0.0016	0.00074	mg/Kg	☼	10/11/25 10:15	10/12/25 07:21	1
Ethylene Dibromide	0.0016	U	0.0016	0.00079	mg/Kg	☼	10/11/25 10:15	10/12/25 07:21	1
Isopropylbenzene	0.0016	U	0.0016	0.00045	mg/Kg	☼	10/11/25 10:15	10/12/25 07:21	1
Methyl acetate	0.0079	U	0.0079	0.0068	mg/Kg	☼	10/11/25 10:15	10/12/25 07:21	1
Methyl tert-butyl ether	0.0016	U	0.0016	0.00081	mg/Kg	☼	10/11/25 10:15	10/12/25 07:21	1
Methylcyclohexane	0.0016	U	0.0016	0.00079	mg/Kg	☼	10/11/25 10:15	10/12/25 07:21	1
Methylene Chloride	0.0032	U	0.0032	0.0018	mg/Kg	☼	10/11/25 10:15	10/12/25 07:21	1
m-Xylene & p-Xylene	0.0016	U	0.0016	0.00067	mg/Kg	☼	10/11/25 10:15	10/12/25 07:21	1
n-Butylbenzene	0.0016	U	0.0016	0.00046	mg/Kg	☼	10/11/25 10:15	10/12/25 07:21	1
N-Propylbenzene	0.0016	U	0.0016	0.00071	mg/Kg	☼	10/11/25 10:15	10/12/25 07:21	1
o-Xylene	0.0016	U	0.0016	0.00073	mg/Kg	☼	10/11/25 10:15	10/12/25 07:21	1
sec-Butylbenzene	0.0016	U	0.0016	0.00045	mg/Kg	☼	10/11/25 10:15	10/12/25 07:21	1
Styrene	0.0016	U	0.0016	0.00044	mg/Kg	☼	10/11/25 10:15	10/12/25 07:21	1
tert-Butylbenzene	0.0016	U	0.0016	0.00043	mg/Kg	☼	10/11/25 10:15	10/12/25 07:21	1
Tetrachloroethene	0.0016	U	0.0016	0.00048	mg/Kg	☼	10/11/25 10:15	10/12/25 07:21	1
Toluene	0.0016	U	0.0016	0.00037	mg/Kg	☼	10/11/25 10:15	10/12/25 07:21	1
trans-1,2-Dichloroethene	0.0016	U	0.0016	0.00039	mg/Kg	☼	10/11/25 10:15	10/12/25 07:21	1
trans-1,3-Dichloropropene	0.0016	U	0.0016	0.00042	mg/Kg	☼	10/11/25 10:15	10/12/25 07:21	1
Trichloroethene	0.0016	U	0.0016	0.00051	mg/Kg	☼	10/11/25 10:15	10/12/25 07:21	1
Trichlorofluoromethane	0.0016	U	0.0016	0.00064	mg/Kg	☼	10/11/25 10:15	10/12/25 07:21	1
Vinyl chloride	0.0016	U	0.0016	0.00086	mg/Kg	☼	10/11/25 10:15	10/12/25 07:21	1
Xylenes, Total	0.0032	U	0.0032	0.00027	mg/Kg	☼	10/11/25 10:15	10/12/25 07:21	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,2-Dichloroethane-d4 (Surr)	*87*		*65 - 138*	*10/11/25 10:15*	*10/12/25 07:21*	*1*
4-Bromofluorobenzene	*94*		*71 - 128*	*10/11/25 10:15*	*10/12/25 07:21*	*1*
Dibromofluoromethane (Surr)	*97*		*50 - 150*	*10/11/25 10:15*	*10/12/25 07:21*	*1*
Toluene-d8 (Surr)	*100*		*71 - 126*	*10/11/25 10:15*	*10/12/25 07:21*	*1*

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Percent Moisture (EPA Moisture)	**9.0**		1.0	1.0	%			10/12/25 17:49	1
Percent Solids (EPA Moisture)	**91.0**		1.0	1.0	%			10/12/25 17:49	1

Client: Haley & Aldrich, Inc.
Project/Site: Former Port Mobil

Job ID: 460-336761-1

Client Sample ID: 5A3_4-5
Date Collected: 10/08/25 10:30
Date Received: 10/08/25 17:00

Lab Sample ID: 460-336761-37
Matrix: Solid
Percent Solids: 90.4

Method: SW846 8260D - Volatile Organic Compounds by GC/MS

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1-Trichloroethane	0.0013	U	0.0013	0.00031	mg/Kg	☼	10/11/25 10:15	10/12/25 07:45	1
1,1,2,2-Tetrachloroethane	0.0013	U	0.0013	0.00069	mg/Kg	☼	10/11/25 10:15	10/12/25 07:45	1
1,1,2-Trichloro-1,2,2-trifluoroethane	0.0013	U	0.0013	0.00040	mg/Kg	☼	10/11/25 10:15	10/12/25 07:45	1
1,1,2-Trichloroethane	0.0013	U	0.0013	0.00080	mg/Kg	☼	10/11/25 10:15	10/12/25 07:45	1
1,1-Dichloroethane	0.0013	U	0.0013	0.00079	mg/Kg	☼	10/11/25 10:15	10/12/25 07:45	1
1,1-Dichloroethene	0.0013	U	0.0013	0.00030	mg/Kg	☼	10/11/25 10:15	10/12/25 07:45	1
1,2,3-Trichlorobenzene	0.0013	U	0.0013	0.00098	mg/Kg	☼	10/11/25 10:15	10/12/25 07:45	1
1,2,4-Trichlorobenzene	0.0013	U	0.0013	0.00048	mg/Kg	☼	10/11/25 10:15	10/12/25 07:45	1
1,2,4-Trimethylbenzene	0.0013	U	0.0013	0.00033	mg/Kg	☼	10/11/25 10:15	10/12/25 07:45	1
1,2-Dibromo-3-Chloropropane	0.0013	U	0.0013	0.00061	mg/Kg	☼	10/11/25 10:15	10/12/25 07:45	1
1,2-Dichlorobenzene	0.0013	U	0.0013	0.00048	mg/Kg	☼	10/11/25 10:15	10/12/25 07:45	1
1,2-Dichloroethane	0.0013	U	0.0013	0.00039	mg/Kg	☼	10/11/25 10:15	10/12/25 07:45	1
1,2-Dichloropropane	0.0013	U	0.0013	0.00056	mg/Kg	☼	10/11/25 10:15	10/12/25 07:45	1
1,3,5-Trimethylbenzene	0.0013	U	0.0013	0.00042	mg/Kg	☼	10/11/25 10:15	10/12/25 07:45	1
1,3-Dichlorobenzene	0.0013	U	0.0013	0.00048	mg/Kg	☼	10/11/25 10:15	10/12/25 07:45	1
1,4-Dichlorobenzene	0.0013	U	0.0013	0.00069	mg/Kg	☼	10/11/25 10:15	10/12/25 07:45	1
2-Butanone (MEK)	0.0066	U	0.0066	0.00049	mg/Kg	☼	10/11/25 10:15	10/12/25 07:45	1
2-Hexanone	0.0066	U	0.0066	0.0023	mg/Kg	☼	10/11/25 10:15	10/12/25 07:45	1
4-Methyl-2-pentanone (MIBK)	0.0066	U	0.0066	0.0021	mg/Kg	☼	10/11/25 10:15	10/12/25 07:45	1
Acetone	**0.082**		0.0080	0.0076	mg/Kg	☼	10/11/25 10:15	10/12/25 07:45	1
Benzene	0.0013	U	0.0013	0.00075	mg/Kg	☼	10/11/25 10:15	10/12/25 07:45	1
Bromoform	0.0013	U	0.0013	0.00056	mg/Kg	☼	10/11/25 10:15	10/12/25 07:45	1
Bromomethane	0.0027	U *	0.0027	0.0013	mg/Kg	☼	10/11/25 10:15	10/12/25 07:45	1
Carbon disulfide	0.0013	U	0.0013	0.00035	mg/Kg	☼	10/11/25 10:15	10/12/25 07:45	1
Carbon tetrachloride	0.0013	U	0.0013	0.00051	mg/Kg	☼	10/11/25 10:15	10/12/25 07:45	1
Chlorobenzene	0.0013	U	0.0013	0.00067	mg/Kg	☼	10/11/25 10:15	10/12/25 07:45	1
Chlorobromomethane	0.0013	U	0.0013	0.00079	mg/Kg	☼	10/11/25 10:15	10/12/25 07:45	1
Chlorodibromomethane	0.0013	U	0.0013	0.00071	mg/Kg	☼	10/11/25 10:15	10/12/25 07:45	1
Chloroethane	0.0013	U	0.0013	0.00069	mg/Kg	☼	10/11/25 10:15	10/12/25 07:45	1
Chloroform	0.0013	U	0.0013	0.0013	mg/Kg	☼	10/11/25 10:15	10/12/25 07:45	1
Chloromethane	0.0013	U	0.0013	0.00058	mg/Kg	☼	10/11/25 10:15	10/12/25 07:45	1
cis-1,2-Dichloroethene	0.0013	U	0.0013	0.00048	mg/Kg	☼	10/11/25 10:15	10/12/25 07:45	1
cis-1,3-Dichloropropene	0.0013	U	0.0013	0.00036	mg/Kg	☼	10/11/25 10:15	10/12/25 07:45	1
Cyclohexane	0.0013	U	0.0013	0.00029	mg/Kg	☼	10/11/25 10:15	10/12/25 07:45	1
Dichlorobromomethane	0.0013	U	0.0013	0.00034	mg/Kg	☼	10/11/25 10:15	10/12/25 07:45	1
Dichlorodifluoromethane	0.0013	U	0.0013	0.00045	mg/Kg	☼	10/11/25 10:15	10/12/25 07:45	1
Ethylbenzene	0.0013	U	0.0013	0.00062	mg/Kg	☼	10/11/25 10:15	10/12/25 07:45	1
Ethylene Dibromide	0.0013	U	0.0013	0.00067	mg/Kg	☼	10/11/25 10:15	10/12/25 07:45	1
Isopropylbenzene	0.0013	U	0.0013	0.00038	mg/Kg	☼	10/11/25 10:15	10/12/25 07:45	1
Methyl acetate	0.0066	U	0.0066	0.0057	mg/Kg	☼	10/11/25 10:15	10/12/25 07:45	1
Methyl tert-butyl ether	0.0013	U	0.0013	0.00068	mg/Kg	☼	10/11/25 10:15	10/12/25 07:45	1
Methylcyclohexane	0.0013	U	0.0013	0.00066	mg/Kg	☼	10/11/25 10:15	10/12/25 07:45	1
Methylene Chloride	0.0027	U	0.0027	0.0015	mg/Kg	☼	10/11/25 10:15	10/12/25 07:45	1
m-Xylene & p-Xylene	0.0013	U	0.0013	0.00056	mg/Kg	☼	10/11/25 10:15	10/12/25 07:45	1
n-Butylbenzene	0.0013	U	0.0013	0.00039	mg/Kg	☼	10/11/25 10:15	10/12/25 07:45	1
N-Propylbenzene	0.0013	U	0.0013	0.00060	mg/Kg	☼	10/11/25 10:15	10/12/25 07:45	1
o-Xylene	0.0013	U	0.0013	0.00061	mg/Kg	☼	10/11/25 10:15	10/12/25 07:45	1
sec-Butylbenzene	0.0013	U	0.0013	0.00038	mg/Kg	☼	10/11/25 10:15	10/12/25 07:45	1
Styrene	0.0013	U	0.0013	0.00037	mg/Kg	☼	10/11/25 10:15	10/12/25 07:45	1

Client Sample ID: 5A3_4-5

Date Collected: 10/08/25 10:30
Date Received: 10/08/25 17:00

Lab Sample ID: 460-336761-37

Matrix: Solid
Percent Solids: 90.4

Method: SW846 8260D - Volatile Organic Compounds by GC/MS (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
tert-Butylbenzene	0.0013	U	0.0013	0.00037	mg/Kg	☼	10/11/25 10:15	10/12/25 07:45	1
Tetrachloroethene	0.0013	U	0.0013	0.00040	mg/Kg	☼	10/11/25 10:15	10/12/25 07:45	1
Toluene	**0.00055**	**J**	0.0013	0.00031	mg/Kg	☼	10/11/25 10:15	10/12/25 07:45	1
trans-1,2-Dichloroethene	0.0013	U	0.0013	0.00033	mg/Kg	☼	10/11/25 10:15	10/12/25 07:45	1
trans-1,3-Dichloropropene	0.0013	U	0.0013	0.00035	mg/Kg	☼	10/11/25 10:15	10/12/25 07:45	1
Trichloroethene	0.0013	U	0.0013	0.00043	mg/Kg	☼	10/11/25 10:15	10/12/25 07:45	1
Trichlorofluoromethane	0.0013	U	0.0013	0.00054	mg/Kg	☼	10/11/25 10:15	10/12/25 07:45	1
Vinyl chloride	0.0013	U	0.0013	0.00072	mg/Kg	☼	10/11/25 10:15	10/12/25 07:45	1
Xylenes, Total	0.0027	U	0.0027	0.00023	mg/Kg	☼	10/11/25 10:15	10/12/25 07:45	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,2-Dichloroethane-d4 (Surr)	*85*		*65 - 138*	*10/11/25 10:15*	*10/12/25 07:45*	*1*
4-Bromofluorobenzene	*94*		*71 - 128*	*10/11/25 10:15*	*10/12/25 07:45*	*1*
Dibromofluoromethane (Surr)	*95*		*50 - 150*	*10/11/25 10:15*	*10/12/25 07:45*	*1*
Toluene-d8 (Surr)	*99*		*71 - 126*	*10/11/25 10:15*	*10/12/25 07:45*	*1*

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Percent Moisture (EPA Moisture)	**9.6**		1.0	1.0	%			10/12/25 17:49	1
Percent Solids (EPA Moisture)	**90.4**		1.0	1.0	%			10/12/25 17:49	1

Client Sample ID: 5A1_5-6

Date Collected: 10/08/25 10:35
Date Received: 10/08/25 17:00

Lab Sample ID: 460-336761-38

Matrix: Solid
Percent Solids: 91.7

Method: SW846 8260D - Volatile Organic Compounds by GC/MS

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1-Trichloroethane	0.00096	U	0.00096	0.00022	mg/Kg	☼	10/11/25 10:16	10/12/25 08:09	1
1,1,2,2-Tetrachloroethane	0.00096	U	0.00096	0.00050	mg/Kg	☼	10/11/25 10:16	10/12/25 08:09	1
1,1,2-Trichloro-1,2,2-trifluoroethane	0.00096	U	0.00096	0.00029	mg/Kg	☼	10/11/25 10:16	10/12/25 08:09	1
1,1,2-Trichloroethane	0.00096	U	0.00096	0.00058	mg/Kg	☼	10/11/25 10:16	10/12/25 08:09	1
1,1-Dichloroethane	0.00096	U	0.00096	0.00057	mg/Kg	☼	10/11/25 10:16	10/12/25 08:09	1
1,1-Dichloroethene	0.00096	U	0.00096	0.00022	mg/Kg	☼	10/11/25 10:16	10/12/25 08:09	1
1,2,3-Trichlorobenzene	0.00096	U	0.00096	0.00071	mg/Kg	☼	10/11/25 10:16	10/12/25 08:09	1
1,2,4-Trichlorobenzene	0.00096	U	0.00096	0.00034	mg/Kg	☼	10/11/25 10:16	10/12/25 08:09	1
1,2,4-Trimethylbenzene	0.00096	U	0.00096	0.00024	mg/Kg	☼	10/11/25 10:16	10/12/25 08:09	1
1,2-Dibromo-3-Chloropropane	0.00096	U	0.00096	0.00044	mg/Kg	☼	10/11/25 10:16	10/12/25 08:09	1
1,2-Dichlorobenzene	0.00096	U	0.00096	0.00035	mg/Kg	☼	10/11/25 10:16	10/12/25 08:09	1
1,2-Dichloroethane	0.00096	U	0.00096	0.00028	mg/Kg	☼	10/11/25 10:16	10/12/25 08:09	1
1,2-Dichloropropane	0.00096	U	0.00096	0.00041	mg/Kg	☼	10/11/25 10:16	10/12/25 08:09	1
1,3,5-Trimethylbenzene	0.00096	U	0.00096	0.00030	mg/Kg	☼	10/11/25 10:16	10/12/25 08:09	1
1,3-Dichlorobenzene	0.00096	U	0.00096	0.00035	mg/Kg	☼	10/11/25 10:16	10/12/25 08:09	1
1,4-Dichlorobenzene	0.00096	U	0.00096	0.00050	mg/Kg	☼	10/11/25 10:16	10/12/25 08:09	1
2-Butanone (MEK)	0.0048	U	0.0048	0.00035	mg/Kg	☼	10/11/25 10:16	10/12/25 08:09	1
2-Hexanone	0.0048	U	0.0048	0.0016	mg/Kg	☼	10/11/25 10:16	10/12/25 08:09	1
4-Methyl-2-pentanone (MIBK)	0.0048	U	0.0048	0.0015	mg/Kg	☼	10/11/25 10:16	10/12/25 08:09	1
Acetone	**0.028**		0.0058	0.0055	mg/Kg	☼	10/11/25 10:16	10/12/25 08:09	1
Benzene	0.00096	U	0.00096	0.00055	mg/Kg	☼	10/11/25 10:16	10/12/25 08:09	1
Bromoform	0.00096	U	0.00096	0.00041	mg/Kg	☼	10/11/25 10:16	10/12/25 08:09	1
Bromomethane	0.0019	U *	0.0019	0.00096	mg/Kg	☼	10/11/25 10:16	10/12/25 08:09	1

Client Sample ID: 5A1_5-6
Date Collected: 10/08/25 10:35
Date Received: 10/08/25 17:00

Lab Sample ID: 460-336761-38
Matrix: Solid
Percent Solids: 91.7

Method: SW846 8260D - Volatile Organic Compounds by GC/MS (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Carbon disulfide	0.00096	U	0.00096	0.00026	mg/Kg	☼	10/11/25 10:16	10/12/25 08:09	1
Carbon tetrachloride	0.00096	U	0.00096	0.00037	mg/Kg	☼	10/11/25 10:16	10/12/25 08:09	1
Chlorobenzene	0.00096	U	0.00096	0.00049	mg/Kg	☼	10/11/25 10:16	10/12/25 08:09	1
Chlorobromomethane	0.00096	U	0.00096	0.00057	mg/Kg	☼	10/11/25 10:16	10/12/25 08:09	1
Chlorodibromomethane	0.00096	U	0.00096	0.00052	mg/Kg	☼	10/11/25 10:16	10/12/25 08:09	1
Chloroethane	0.00096	U	0.00096	0.00050	mg/Kg	☼	10/11/25 10:16	10/12/25 08:09	1
Chloroform	0.00096	U	0.00096	0.00093	mg/Kg	☼	10/11/25 10:16	10/12/25 08:09	1
Chloromethane	0.00096	U	0.00096	0.00042	mg/Kg	☼	10/11/25 10:16	10/12/25 08:09	1
cis-1,2-Dichloroethene	0.00096	U	0.00096	0.00034	mg/Kg	☼	10/11/25 10:16	10/12/25 08:09	1
cis-1,3-Dichloropropene	0.00096	U	0.00096	0.00026	mg/Kg	☼	10/11/25 10:16	10/12/25 08:09	1
Cyclohexane	0.00096	U	0.00096	0.00021	mg/Kg	☼	10/11/25 10:16	10/12/25 08:09	1
Dichlorobromomethane	0.00096	U	0.00096	0.00025	mg/Kg	☼	10/11/25 10:16	10/12/25 08:09	1
Dichlorodifluoromethane	0.00096	U	0.00096	0.00033	mg/Kg	☼	10/11/25 10:16	10/12/25 08:09	1
Ethylbenzene	0.00096	U	0.00096	0.00045	mg/Kg	☼	10/11/25 10:16	10/12/25 08:09	1
Ethylene Dibromide	0.00096	U	0.00096	0.00048	mg/Kg	☼	10/11/25 10:16	10/12/25 08:09	1
Isopropylbenzene	0.00096	U	0.00096	0.00027	mg/Kg	☼	10/11/25 10:16	10/12/25 08:09	1
Methyl acetate	0.0048	U	0.0048	0.0041	mg/Kg	☼	10/11/25 10:16	10/12/25 08:09	1
Methyl tert-butyl ether	0.00096	U	0.00096	0.00049	mg/Kg	☼	10/11/25 10:16	10/12/25 08:09	1
Methylcyclohexane	0.00096	U	0.00096	0.00048	mg/Kg	☼	10/11/25 10:16	10/12/25 08:09	1
Methylene Chloride	0.0019	U	0.0019	0.0011	mg/Kg	☼	10/11/25 10:16	10/12/25 08:09	1
m-Xylene & p-Xylene	0.00096	U	0.00096	0.00041	mg/Kg	☼	10/11/25 10:16	10/12/25 08:09	1
n-Butylbenzene	0.00096	U	0.00096	0.00028	mg/Kg	☼	10/11/25 10:16	10/12/25 08:09	1
N-Propylbenzene	0.00096	U	0.00096	0.00043	mg/Kg	☼	10/11/25 10:16	10/12/25 08:09	1
o-Xylene	0.00096	U	0.00096	0.00044	mg/Kg	☼	10/11/25 10:16	10/12/25 08:09	1
sec-Butylbenzene	0.00096	U	0.00096	0.00028	mg/Kg	☼	10/11/25 10:16	10/12/25 08:09	1
Styrene	0.00096	U	0.00096	0.00027	mg/Kg	☼	10/11/25 10:16	10/12/25 08:09	1
tert-Butylbenzene	0.00096	U	0.00096	0.00027	mg/Kg	☼	10/11/25 10:16	10/12/25 08:09	1
Tetrachloroethene	0.00096	U	0.00096	0.00029	mg/Kg	☼	10/11/25 10:16	10/12/25 08:09	1
Toluene	0.00096	U	0.00096	0.00023	mg/Kg	☼	10/11/25 10:16	10/12/25 08:09	1
trans-1,2-Dichloroethene	0.00096	U	0.00096	0.00024	mg/Kg	☼	10/11/25 10:16	10/12/25 08:09	1
trans-1,3-Dichloropropene	0.00096	U	0.00096	0.00026	mg/Kg	☼	10/11/25 10:16	10/12/25 08:09	1
Trichloroethene	0.00096	U	0.00096	0.00031	mg/Kg	☼	10/11/25 10:16	10/12/25 08:09	1
Trichlorofluoromethane	0.00096	U	0.00096	0.00039	mg/Kg	☼	10/11/25 10:16	10/12/25 08:09	1
Vinyl chloride	0.00096	U	0.00096	0.00053	mg/Kg	☼	10/11/25 10:16	10/12/25 08:09	1
Xylenes, Total	0.0019	U	0.0019	0.00017	mg/Kg	☼	10/11/25 10:16	10/12/25 08:09	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,2-Dichloroethane-d4 (Surr)	*86*		*65 - 138*	*10/11/25 10:16*	*10/12/25 08:09*	*1*
4-Bromofluorobenzene	*95*		*71 - 128*	*10/11/25 10:16*	*10/12/25 08:09*	*1*
Dibromofluoromethane (Surr)	*98*		*50 - 150*	*10/11/25 10:16*	*10/12/25 08:09*	*1*
Toluene-d8 (Surr)	*100*		*71 - 126*	*10/11/25 10:16*	*10/12/25 08:09*	*1*

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Percent Moisture (EPA Moisture)	**8.3**		1.0	1.0	%			10/12/25 17:49	1
Percent Solids (EPA Moisture)	**91.7**		1.0	1.0	%			10/12/25 17:49	1

Client: Haley & Aldrich, Inc.
Project/Site: Former Port Mobil

Job ID: 460-336761-1

Client Sample ID: 5A2_7-8
Date Collected: 10/08/25 10:40
Date Received: 10/08/25 17:00

Lab Sample ID: 460-336761-39
Matrix: Solid
Percent Solids: 89.5

Method: SW846 8260D - Volatile Organic Compounds by GC/MS

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1-Trichloroethane	0.00077	U	0.00077	0.00018	mg/Kg	☼	10/11/25 10:16	10/12/25 08:33	1
1,1,2,2-Tetrachloroethane	0.00077	U	0.00077	0.00040	mg/Kg	☼	10/11/25 10:16	10/12/25 08:33	1
1,1,2-Trichloro-1,2,2-trifluoroethane	0.00077	U	0.00077	0.00023	mg/Kg	☼	10/11/25 10:16	10/12/25 08:33	1
1,1,2-Trichloroethane	0.00077	U	0.00077	0.00046	mg/Kg	☼	10/11/25 10:16	10/12/25 08:33	1
1,1-Dichloroethane	0.00077	U	0.00077	0.00046	mg/Kg	☼	10/11/25 10:16	10/12/25 08:33	1
1,1-Dichloroethene	0.00077	U	0.00077	0.00017	mg/Kg	☼	10/11/25 10:16	10/12/25 08:33	1
1,2,3-Trichlorobenzene	0.00077	U	0.00077	0.00057	mg/Kg	☼	10/11/25 10:16	10/12/25 08:33	1
1,2,4-Trichlorobenzene	0.00077	U	0.00077	0.00028	mg/Kg	☼	10/11/25 10:16	10/12/25 08:33	1
1,2,4-Trimethylbenzene	0.00077	U	0.00077	0.00019	mg/Kg	☼	10/11/25 10:16	10/12/25 08:33	1
1,2-Dibromo-3-Chloropropane	0.00077	U	0.00077	0.00035	mg/Kg	☼	10/11/25 10:16	10/12/25 08:33	1
1,2-Dichlorobenzene	0.00077	U	0.00077	0.00028	mg/Kg	☼	10/11/25 10:16	10/12/25 08:33	1
1,2-Dichloroethane	0.00077	U	0.00077	0.00023	mg/Kg	☼	10/11/25 10:16	10/12/25 08:33	1
1,2-Dichloropropane	0.00077	U	0.00077	0.00033	mg/Kg	☼	10/11/25 10:16	10/12/25 08:33	1
1,3,5-Trimethylbenzene	0.00077	U	0.00077	0.00024	mg/Kg	☼	10/11/25 10:16	10/12/25 08:33	1
1,3-Dichlorobenzene	0.00077	U	0.00077	0.00028	mg/Kg	☼	10/11/25 10:16	10/12/25 08:33	1
1,4-Dichlorobenzene	0.00077	U	0.00077	0.00040	mg/Kg	☼	10/11/25 10:16	10/12/25 08:33	1
2-Butanone (MEK)	0.0039	U	0.0039	0.00028	mg/Kg	☼	10/11/25 10:16	10/12/25 08:33	1
2-Hexanone	0.0039	U	0.0039	0.0013	mg/Kg	☼	10/11/25 10:16	10/12/25 08:33	1
4-Methyl-2-pentanone (MIBK)	0.0039	U	0.0039	0.0012	mg/Kg	☼	10/11/25 10:16	10/12/25 08:33	1
Acetone	**0.027**		0.0046	0.0044	mg/Kg	☼	10/11/25 10:16	10/12/25 08:33	1
Benzene	0.00077	U	0.00077	0.00044	mg/Kg	☼	10/11/25 10:16	10/12/25 08:33	1
Bromoform	0.00077	U	0.00077	0.00033	mg/Kg	☼	10/11/25 10:16	10/12/25 08:33	1
Bromomethane	0.0015	U *	0.0015	0.00077	mg/Kg	☼	10/11/25 10:16	10/12/25 08:33	1
Carbon disulfide	0.00077	U	0.00077	0.00021	mg/Kg	☼	10/11/25 10:16	10/12/25 08:33	1
Carbon tetrachloride	0.00077	U	0.00077	0.00030	mg/Kg	☼	10/11/25 10:16	10/12/25 08:33	1
Chlorobenzene	0.00077	U	0.00077	0.00039	mg/Kg	☼	10/11/25 10:16	10/12/25 08:33	1
Chlorobromomethane	0.00077	U	0.00077	0.00046	mg/Kg	☼	10/11/25 10:16	10/12/25 08:33	1
Chlorodibromomethane	0.00077	U	0.00077	0.00041	mg/Kg	☼	10/11/25 10:16	10/12/25 08:33	1
Chloroethane	0.00077	U	0.00077	0.00040	mg/Kg	☼	10/11/25 10:16	10/12/25 08:33	1
Chloroform	0.00077	U	0.00077	0.00075	mg/Kg	☼	10/11/25 10:16	10/12/25 08:33	1
Chloromethane	0.00077	U	0.00077	0.00034	mg/Kg	☼	10/11/25 10:16	10/12/25 08:33	1
cis-1,2-Dichloroethene	0.00077	U	0.00077	0.00028	mg/Kg	☼	10/11/25 10:16	10/12/25 08:33	1
cis-1,3-Dichloropropene	0.00077	U	0.00077	0.00021	mg/Kg	☼	10/11/25 10:16	10/12/25 08:33	1
Cyclohexane	0.00077	U	0.00077	0.00017	mg/Kg	☼	10/11/25 10:16	10/12/25 08:33	1
Dichlorobromomethane	0.00077	U	0.00077	0.00020	mg/Kg	☼	10/11/25 10:16	10/12/25 08:33	1
Dichlorodifluoromethane	0.00077	U	0.00077	0.00026	mg/Kg	☼	10/11/25 10:16	10/12/25 08:33	1
Ethylbenzene	0.00077	U	0.00077	0.00036	mg/Kg	☼	10/11/25 10:16	10/12/25 08:33	1
Ethylene Dibromide	0.00077	U	0.00077	0.00039	mg/Kg	☼	10/11/25 10:16	10/12/25 08:33	1
Isopropylbenzene	0.00077	U	0.00077	0.00022	mg/Kg	☼	10/11/25 10:16	10/12/25 08:33	1
Methyl acetate	0.0039	U	0.0039	0.0033	mg/Kg	☼	10/11/25 10:16	10/12/25 08:33	1
Methyl tert-butyl ether	0.00077	U	0.00077	0.00039	mg/Kg	☼	10/11/25 10:16	10/12/25 08:33	1
Methylcyclohexane	0.00077	U	0.00077	0.00038	mg/Kg	☼	10/11/25 10:16	10/12/25 08:33	1
Methylene Chloride	0.0015	U	0.0015	0.00088	mg/Kg	☼	10/11/25 10:16	10/12/25 08:33	1
m-Xylene & p-Xylene	0.00077	U	0.00077	0.00033	mg/Kg	☼	10/11/25 10:16	10/12/25 08:33	1
n-Butylbenzene	0.00077	U	0.00077	0.00023	mg/Kg	☼	10/11/25 10:16	10/12/25 08:33	1
N-Propylbenzene	0.00077	U	0.00077	0.00035	mg/Kg	☼	10/11/25 10:16	10/12/25 08:33	1
o-Xylene	0.00077	U	0.00077	0.00036	mg/Kg	☼	10/11/25 10:16	10/12/25 08:33	1
sec-Butylbenzene	0.00077	U	0.00077	0.00022	mg/Kg	☼	10/11/25 10:16	10/12/25 08:33	1
Styrene	0.00077	U	0.00077	0.00021	mg/Kg	☼	10/11/25 10:16	10/12/25 08:33	1

Client Sample ID: 5A2_7-8

Lab Sample ID: 460-336761-39

Date Collected: 10/08/25 10:40
Matrix: Solid
Date Received: 10/08/25 17:00
Percent Solids: 89.5

Method: SW846 8260D - Volatile Organic Compounds by GC/MS (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
tert-Butylbenzene	0.00077	U	0.00077	0.00021	mg/Kg	☼	10/11/25 10:16	10/12/25 08:33	1
Tetrachloroethene	0.00077	U	0.00077	0.00024	mg/Kg	☼	10/11/25 10:16	10/12/25 08:33	1
Toluene	0.00077	U	0.00077	0.00018	mg/Kg	☼	10/11/25 10:16	10/12/25 08:33	1
trans-1,2-Dichloroethene	0.00077	U	0.00077	0.00019	mg/Kg	☼	10/11/25 10:16	10/12/25 08:33	1
trans-1,3-Dichloropropene	0.00077	U	0.00077	0.00021	mg/Kg	☼	10/11/25 10:16	10/12/25 08:33	1
Trichloroethene	0.00077	U	0.00077	0.00025	mg/Kg	☼	10/11/25 10:16	10/12/25 08:33	1
Trichlorofluoromethane	0.00077	U	0.00077	0.00031	mg/Kg	☼	10/11/25 10:16	10/12/25 08:33	1
Vinyl chloride	0.00077	U	0.00077	0.00042	mg/Kg	☼	10/11/25 10:16	10/12/25 08:33	1
Xylenes, Total	0.0015	U	0.0015	0.00013	mg/Kg	☼	10/11/25 10:16	10/12/25 08:33	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,2-Dichloroethane-d4 (Surr)	*88*		*65 - 138*	*10/11/25 10:16*	*10/12/25 08:33*	*1*
4-Bromofluorobenzene	*95*		*71 - 128*	*10/11/25 10:16*	*10/12/25 08:33*	*1*
Dibromofluoromethane (Surr)	*98*		*50 - 150*	*10/11/25 10:16*	*10/12/25 08:33*	*1*
Toluene-d8 (Surr)	*100*		*71 - 126*	*10/11/25 10:16*	*10/12/25 08:33*	*1*

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Percent Moisture (EPA Moisture)	**10.5**		1.0	1.0	%			10/12/25 17:49	1
Percent Solids (EPA Moisture)	**89.5**		1.0	1.0	%			10/12/25 17:49	1

Client Sample ID: 5A3_8-9

Lab Sample ID: 460-336761-40

Date Collected: 10/08/25 10:45
Matrix: Solid
Date Received: 10/08/25 17:00
Percent Solids: 88.5

Method: SW846 8260D - Volatile Organic Compounds by GC/MS

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1-Trichloroethane	0.0012	U	0.0012	0.00027	mg/Kg	☼	10/11/25 10:16	10/12/25 08:58	1
1,1,2,2-Tetrachloroethane	0.0012	U	0.0012	0.00061	mg/Kg	☼	10/11/25 10:16	10/12/25 08:58	1
1,1,2-Trichloro-1,2,2-trifluoroethane	0.0012	U	0.0012	0.00035	mg/Kg	☼	10/11/25 10:16	10/12/25 08:58	1
1,1,2-Trichloroethane	0.0012	U	0.0012	0.00070	mg/Kg	☼	10/11/25 10:16	10/12/25 08:58	1
1,1-Dichloroethane	0.0012	U	0.0012	0.00069	mg/Kg	☼	10/11/25 10:16	10/12/25 08:58	1
1,1-Dichloroethene	0.0012	U	0.0012	0.00026	mg/Kg	☼	10/11/25 10:16	10/12/25 08:58	1
1,2,3-Trichlorobenzene	0.0012	U	0.0012	0.00086	mg/Kg	☼	10/11/25 10:16	10/12/25 08:58	1
1,2,4-Trichlorobenzene	0.0012	U	0.0012	0.00042	mg/Kg	☼	10/11/25 10:16	10/12/25 08:58	1
1,2,4-Trimethylbenzene	0.0012	U	0.0012	0.00029	mg/Kg	☼	10/11/25 10:16	10/12/25 08:58	1
1,2-Dibromo-3-Chloropropane	0.0012	U	0.0012	0.00053	mg/Kg	☼	10/11/25 10:16	10/12/25 08:58	1
1,2-Dichlorobenzene	0.0012	U	0.0012	0.00042	mg/Kg	☼	10/11/25 10:16	10/12/25 08:58	1
1,2-Dichloroethane	0.0012	U	0.0012	0.00034	mg/Kg	☼	10/11/25 10:16	10/12/25 08:58	1
1,2-Dichloropropane	0.0012	U	0.0012	0.00049	mg/Kg	☼	10/11/25 10:16	10/12/25 08:58	1
1,3,5-Trimethylbenzene	0.0012	U	0.0012	0.00036	mg/Kg	☼	10/11/25 10:16	10/12/25 08:58	1
1,3-Dichlorobenzene	0.0012	U	0.0012	0.00042	mg/Kg	☼	10/11/25 10:16	10/12/25 08:58	1
1,4-Dichlorobenzene	0.0012	U	0.0012	0.00060	mg/Kg	☼	10/11/25 10:16	10/12/25 08:58	1
2-Butanone (MEK)	0.0058	U	0.0058	0.00043	mg/Kg	☼	10/11/25 10:16	10/12/25 08:58	1
2-Hexanone	0.0058	U	0.0058	0.0020	mg/Kg	☼	10/11/25 10:16	10/12/25 08:58	1
4-Methyl-2-pentanone (MIBK)	0.0058	U	0.0058	0.0018	mg/Kg	☼	10/11/25 10:16	10/12/25 08:58	1
Acetone	0.0070	U	0.0070	0.0066	mg/Kg	☼	10/11/25 10:16	10/12/25 08:58	1
Benzene	0.0012	U	0.0012	0.00066	mg/Kg	☼	10/11/25 10:16	10/12/25 08:58	1
Bromoform	0.0012	U	0.0012	0.00049	mg/Kg	☼	10/11/25 10:16	10/12/25 08:58	1
Bromomethane	0.0023	U *	0.0023	0.0012	mg/Kg	☼	10/11/25 10:16	10/12/25 08:58	1

Client Sample ID: 5A3_8-9
Date Collected: 10/08/25 10:45
Date Received: 10/08/25 17:00

Lab Sample ID: 460-336761-40
Matrix: Solid
Percent Solids: 88.5

Method: SW846 8260D - Volatile Organic Compounds by GC/MS (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Carbon disulfide	0.0012	U	0.0012	0.00031	mg/Kg	☼	10/11/25 10:16	10/12/25 08:58	1
Carbon tetrachloride	0.0012	U	0.0012	0.00045	mg/Kg	☼	10/11/25 10:16	10/12/25 08:58	1
Chlorobenzene	0.0012	U	0.0012	0.00059	mg/Kg	☼	10/11/25 10:16	10/12/25 08:58	1
Chlorobromomethane	0.0012	U	0.0012	0.00069	mg/Kg	☼	10/11/25 10:16	10/12/25 08:58	1
Chlorodibromomethane	0.0012	U	0.0012	0.00062	mg/Kg	☼	10/11/25 10:16	10/12/25 08:58	1
Chloroethane	0.0012	U	0.0012	0.00061	mg/Kg	☼	10/11/25 10:16	10/12/25 08:58	1
Chloroform	0.0012	U	0.0012	0.0011	mg/Kg	☼	10/11/25 10:16	10/12/25 08:58	1
Chloromethane	0.0012	U	0.0012	0.00051	mg/Kg	☼	10/11/25 10:16	10/12/25 08:58	1
cis-1,2-Dichloroethene	0.0012	U	0.0012	0.00042	mg/Kg	☼	10/11/25 10:16	10/12/25 08:58	1
cis-1,3-Dichloropropene	0.0012	U	0.0012	0.00032	mg/Kg	☼	10/11/25 10:16	10/12/25 08:58	1
Cyclohexane	0.0012	U	0.0012	0.00026	mg/Kg	☼	10/11/25 10:16	10/12/25 08:58	1
Dichlorobromomethane	0.0012	U	0.0012	0.00030	mg/Kg	☼	10/11/25 10:16	10/12/25 08:58	1
Dichlorodifluoromethane	0.0012	U	0.0012	0.00039	mg/Kg	☼	10/11/25 10:16	10/12/25 08:58	1
Ethylbenzene	0.0012	U	0.0012	0.00054	mg/Kg	☼	10/11/25 10:16	10/12/25 08:58	1
Ethylene Dibromide	0.0012	U	0.0012	0.00059	mg/Kg	☼	10/11/25 10:16	10/12/25 08:58	1
Isopropylbenzene	0.0012	U	0.0012	0.00033	mg/Kg	☼	10/11/25 10:16	10/12/25 08:58	1
Methyl acetate	0.0058	U	0.0058	0.0050	mg/Kg	☼	10/11/25 10:16	10/12/25 08:58	1
Methyl tert-butyl ether	0.0012	U	0.0012	0.00059	mg/Kg	☼	10/11/25 10:16	10/12/25 08:58	1
Methylcyclohexane	0.0012	U	0.0012	0.00058	mg/Kg	☼	10/11/25 10:16	10/12/25 08:58	1
Methylene Chloride	0.0023	U	0.0023	0.0013	mg/Kg	☼	10/11/25 10:16	10/12/25 08:58	1
m-Xylene & p-Xylene	0.0012	U	0.0012	0.00049	mg/Kg	☼	10/11/25 10:16	10/12/25 08:58	1
n-Butylbenzene	0.0012	U	0.0012	0.00034	mg/Kg	☼	10/11/25 10:16	10/12/25 08:58	1
N-Propylbenzene	0.0012	U	0.0012	0.00052	mg/Kg	☼	10/11/25 10:16	10/12/25 08:58	1
o-Xylene	0.0012	U	0.0012	0.00054	mg/Kg	☼	10/11/25 10:16	10/12/25 08:58	1
sec-Butylbenzene	0.0012	U	0.0012	0.00033	mg/Kg	☼	10/11/25 10:16	10/12/25 08:58	1
Styrene	0.0012	U	0.0012	0.00032	mg/Kg	☼	10/11/25 10:16	10/12/25 08:58	1
tert-Butylbenzene	0.0012	U	0.0012	0.00032	mg/Kg	☼	10/11/25 10:16	10/12/25 08:58	1
Tetrachloroethene	0.0012	U	0.0012	0.00035	mg/Kg	☼	10/11/25 10:16	10/12/25 08:58	1
Toluene	0.0012	U	0.0012	0.00027	mg/Kg	☼	10/11/25 10:16	10/12/25 08:58	1
trans-1,2-Dichloroethene	0.0012	U	0.0012	0.00029	mg/Kg	☼	10/11/25 10:16	10/12/25 08:58	1
trans-1,3-Dichloropropene	0.0012	U	0.0012	0.00031	mg/Kg	☼	10/11/25 10:16	10/12/25 08:58	1
Trichloroethene	0.0012	U	0.0012	0.00037	mg/Kg	☼	10/11/25 10:16	10/12/25 08:58	1
Trichlorofluoromethane	0.0012	U	0.0012	0.00047	mg/Kg	☼	10/11/25 10:16	10/12/25 08:58	1
Vinyl chloride	0.0012	U	0.0012	0.00063	mg/Kg	☼	10/11/25 10:16	10/12/25 08:58	1
Xylenes, Total	0.0023	U	0.0023	0.00020	mg/Kg	☼	10/11/25 10:16	10/12/25 08:58	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,2-Dichloroethane-d4 (Surr)	*87*		*65 - 138*	*10/11/25 10:16*	*10/12/25 08:58*	*1*
4-Bromofluorobenzene	*92*		*71 - 128*	*10/11/25 10:16*	*10/12/25 08:58*	*1*
Dibromofluoromethane (Surr)	*97*		*50 - 150*	*10/11/25 10:16*	*10/12/25 08:58*	*1*
Toluene-d8 (Surr)	*100*		*71 - 126*	*10/11/25 10:16*	*10/12/25 08:58*	*1*

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Percent Moisture (EPA Moisture)	11.5		1.0	1.0	%			10/12/25 17:49	1
Percent Solids (EPA Moisture)	88.5		1.0	1.0	%			10/12/25 17:49	1

Client: Haley & Aldrich, Inc.
Project/Site: Former Port Mobil

Job ID: 460-336761-1

Client Sample ID: 5A1_9-10
Date Collected: 10/08/25 10:50
Date Received: 10/08/25 17:00

Lab Sample ID: 460-336761-41
Matrix: Solid
Percent Solids: 90.2

Method: SW846 8260D - Volatile Organic Compounds by GC/MS

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1-Trichloroethane	0.00097	U	0.00097	0.00022	mg/Kg	☼	10/11/25 10:17	10/12/25 09:22	1
1,1,2,2-Tetrachloroethane	0.00097	U	0.00097	0.00050	mg/Kg	☼	10/11/25 10:17	10/12/25 09:22	1
1,1,2-Trichloro-1,2,2-trifluoroethane	0.00097	U	0.00097	0.00029	mg/Kg	☼	10/11/25 10:17	10/12/25 09:22	1
1,1,2-Trichloroethane	0.00097	U	0.00097	0.00058	mg/Kg	☼	10/11/25 10:17	10/12/25 09:22	1
1,1-Dichloroethane	0.00097	U	0.00097	0.00058	mg/Kg	☼	10/11/25 10:17	10/12/25 09:22	1
1,1-Dichloroethene	0.00097	U	0.00097	0.00022	mg/Kg	☼	10/11/25 10:17	10/12/25 09:22	1
1,2,3-Trichlorobenzene	0.00097	U	0.00097	0.00071	mg/Kg	☼	10/11/25 10:17	10/12/25 09:22	1
1,2,4-Trichlorobenzene	0.00097	U	0.00097	0.00035	mg/Kg	☼	10/11/25 10:17	10/12/25 09:22	1
1,2,4-Trimethylbenzene	0.00097	U	0.00097	0.00024	mg/Kg	☼	10/11/25 10:17	10/12/25 09:22	1
1,2-Dibromo-3-Chloropropane	0.00097	U	0.00097	0.00044	mg/Kg	☼	10/11/25 10:17	10/12/25 09:22	1
1,2-Dichlorobenzene	0.00097	U	0.00097	0.00035	mg/Kg	☼	10/11/25 10:17	10/12/25 09:22	1
1,2-Dichloroethane	0.00097	U	0.00097	0.00029	mg/Kg	☼	10/11/25 10:17	10/12/25 09:22	1
1,2-Dichloropropane	0.00097	U	0.00097	0.00041	mg/Kg	☼	10/11/25 10:17	10/12/25 09:22	1
1,3,5-Trimethylbenzene	0.00097	U	0.00097	0.00030	mg/Kg	☼	10/11/25 10:17	10/12/25 09:22	1
1,3-Dichlorobenzene	0.00097	U	0.00097	0.00035	mg/Kg	☼	10/11/25 10:17	10/12/25 09:22	1
1,4-Dichlorobenzene	0.00097	U	0.00097	0.00050	mg/Kg	☼	10/11/25 10:17	10/12/25 09:22	1
2-Butanone (MEK)	0.0048	U	0.0048	0.00036	mg/Kg	☼	10/11/25 10:17	10/12/25 09:22	1
2-Hexanone	0.0048	U	0.0048	0.0017	mg/Kg	☼	10/11/25 10:17	10/12/25 09:22	1
4-Methyl-2-pentanone (MIBK)	0.0048	U	0.0048	0.0015	mg/Kg	☼	10/11/25 10:17	10/12/25 09:22	1
Acetone	**0.064**		0.0058	0.0055	mg/Kg	☼	10/11/25 10:17	10/12/25 09:22	1
Benzene	0.00097	U	0.00097	0.00055	mg/Kg	☼	10/11/25 10:17	10/12/25 09:22	1
Bromoform	0.00097	U	0.00097	0.00041	mg/Kg	☼	10/11/25 10:17	10/12/25 09:22	1
Bromomethane	0.0019	U *	0.0019	0.00097	mg/Kg	☼	10/11/25 10:17	10/12/25 09:22	1
Carbon disulfide	0.00097	U	0.00097	0.00026	mg/Kg	☼	10/11/25 10:17	10/12/25 09:22	1
Carbon tetrachloride	0.00097	U	0.00097	0.00037	mg/Kg	☼	10/11/25 10:17	10/12/25 09:22	1
Chlorobenzene	0.00097	U	0.00097	0.00049	mg/Kg	☼	10/11/25 10:17	10/12/25 09:22	1
Chlorobromomethane	0.00097	U	0.00097	0.00058	mg/Kg	☼	10/11/25 10:17	10/12/25 09:22	1
Chlorodibromomethane	0.00097	U	0.00097	0.00052	mg/Kg	☼	10/11/25 10:17	10/12/25 09:22	1
Chloroethane	0.00097	U	0.00097	0.00050	mg/Kg	☼	10/11/25 10:17	10/12/25 09:22	1
Chloroform	0.00097	U	0.00097	0.00094	mg/Kg	☼	10/11/25 10:17	10/12/25 09:22	1
Chloromethane	0.00097	U	0.00097	0.00042	mg/Kg	☼	10/11/25 10:17	10/12/25 09:22	1
cis-1,2-Dichloroethene	0.00097	U	0.00097	0.00035	mg/Kg	☼	10/11/25 10:17	10/12/25 09:22	1
cis-1,3-Dichloropropene	0.00097	U	0.00097	0.00026	mg/Kg	☼	10/11/25 10:17	10/12/25 09:22	1
Cyclohexane	0.00097	U	0.00097	0.00021	mg/Kg	☼	10/11/25 10:17	10/12/25 09:22	1
Dichlorobromomethane	0.00097	U	0.00097	0.00025	mg/Kg	☼	10/11/25 10:17	10/12/25 09:22	1
Dichlorodifluoromethane	0.00097	U	0.00097	0.00033	mg/Kg	☼	10/11/25 10:17	10/12/25 09:22	1
Ethylbenzene	0.00097	U	0.00097	0.00045	mg/Kg	☼	10/11/25 10:17	10/12/25 09:22	1
Ethylene Dibromide	0.00097	U	0.00097	0.00049	mg/Kg	☼	10/11/25 10:17	10/12/25 09:22	1
Isopropylbenzene	0.00097	U	0.00097	0.00028	mg/Kg	☼	10/11/25 10:17	10/12/25 09:22	1
Methyl acetate	0.0048	U	0.0048	0.0042	mg/Kg	☼	10/11/25 10:17	10/12/25 09:22	1
Methyl tert-butyl ether	0.00097	U	0.00097	0.00049	mg/Kg	☼	10/11/25 10:17	10/12/25 09:22	1
Methylcyclohexane	0.00097	U	0.00097	0.00048	mg/Kg	☼	10/11/25 10:17	10/12/25 09:22	1
Methylene Chloride	0.0019	U	0.0019	0.0011	mg/Kg	☼	10/11/25 10:17	10/12/25 09:22	1
m-Xylene & p-Xylene	0.00097	U	0.00097	0.00041	mg/Kg	☼	10/11/25 10:17	10/12/25 09:22	1
n-Butylbenzene	0.00097	U	0.00097	0.00028	mg/Kg	☼	10/11/25 10:17	10/12/25 09:22	1
N-Propylbenzene	0.00097	U	0.00097	0.00043	mg/Kg	☼	10/11/25 10:17	10/12/25 09:22	1
o-Xylene	0.00097	U	0.00097	0.00044	mg/Kg	☼	10/11/25 10:17	10/12/25 09:22	1
sec-Butylbenzene	0.00097	U	0.00097	0.00028	mg/Kg	☼	10/11/25 10:17	10/12/25 09:22	1
Styrene	0.00097	U	0.00097	0.00027	mg/Kg	☼	10/11/25 10:17	10/12/25 09:22	1

Client Sample ID: 5A1_9-10

Lab Sample ID: 460-336761-41

Date Collected: 10/08/25 10:50
Matrix: Solid
Date Received: 10/08/25 17:00
Percent Solids: 90.2

Method: SW846 8260D - Volatile Organic Compounds by GC/MS (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
tert-Butylbenzene	0.00097	U	0.00097	0.00027	mg/Kg	☼	10/11/25 10:17	10/12/25 09:22	1
Tetrachloroethene	0.00097	U	0.00097	0.00029	mg/Kg	☼	10/11/25 10:17	10/12/25 09:22	1
Toluene	0.00097	U	0.00097	0.00023	mg/Kg	☼	10/11/25 10:17	10/12/25 09:22	1
trans-1,2-Dichloroethene	0.00097	U	0.00097	0.00024	mg/Kg	☼	10/11/25 10:17	10/12/25 09:22	1
trans-1,3-Dichloropropene	0.00097	U	0.00097	0.00026	mg/Kg	☼	10/11/25 10:17	10/12/25 09:22	1
Trichloroethene	0.00097	U	0.00097	0.00031	mg/Kg	☼	10/11/25 10:17	10/12/25 09:22	1
Trichlorofluoromethane	0.00097	U	0.00097	0.00039	mg/Kg	☼	10/11/25 10:17	10/12/25 09:22	1
Vinyl chloride	0.00097	U	0.00097	0.00053	mg/Kg	☼	10/11/25 10:17	10/12/25 09:22	1
Xylenes, Total	0.0019	U	0.0019	0.00017	mg/Kg	☼	10/11/25 10:17	10/12/25 09:22	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,2-Dichloroethane-d4 (Surr)	*88*		*65 - 138*	*10/11/25 10:17*	*10/12/25 09:22*	*1*
4-Bromofluorobenzene	*94*		*71 - 128*	*10/11/25 10:17*	*10/12/25 09:22*	*1*
Dibromofluoromethane (Surr)	*99*		*50 - 150*	*10/11/25 10:17*	*10/12/25 09:22*	*1*
Toluene-d8 (Surr)	*100*		*71 - 126*	*10/11/25 10:17*	*10/12/25 09:22*	*1*

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Percent Moisture (EPA Moisture)	**9.8**		1.0	1.0	%			10/12/25 17:49	1
Percent Solids (EPA Moisture)	**90.2**		1.0	1.0	%			10/12/25 17:49	1

Client Sample ID: 5B1_1-2

Lab Sample ID: 460-336761-42

Date Collected: 10/08/25 10:55
Matrix: Solid
Date Received: 10/08/25 17:00
Percent Solids: 90.5

Method: SW846 8260D - Volatile Organic Compounds by GC/MS

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1-Trichloroethane	0.0012	U	0.0012	0.00029	mg/Kg	☼	10/11/25 10:17	10/12/25 09:46	1
1,1,2,2-Tetrachloroethane	0.0012	U	0.0012	0.00065	mg/Kg	☼	10/11/25 10:17	10/12/25 09:46	1
1,1,2-Trichloro-1,2,2-trifluoroethane	0.0012	U	0.0012	0.00037	mg/Kg	☼	10/11/25 10:17	10/12/25 09:46	1
1,1,2-Trichloroethane	0.0012	U	0.0012	0.00074	mg/Kg	☼	10/11/25 10:17	10/12/25 09:46	1
1,1-Dichloroethane	0.0012	U	0.0012	0.00074	mg/Kg	☼	10/11/25 10:17	10/12/25 09:46	1
1,1-Dichloroethene	0.0012	U	0.0012	0.00028	mg/Kg	☼	10/11/25 10:17	10/12/25 09:46	1
1,2,3-Trichlorobenzene	0.0012	U	0.0012	0.00091	mg/Kg	☼	10/11/25 10:17	10/12/25 09:46	1
1,2,4-Trichlorobenzene	0.0012	U	0.0012	0.00044	mg/Kg	☼	10/11/25 10:17	10/12/25 09:46	1
1,2,4-Trimethylbenzene	0.0012	U	0.0012	0.00030	mg/Kg	☼	10/11/25 10:17	10/12/25 09:46	1
1,2-Dibromo-3-Chloropropane	0.0012	U	0.0012	0.00057	mg/Kg	☼	10/11/25 10:17	10/12/25 09:46	1
1,2-Dichlorobenzene	0.0012	U	0.0012	0.00045	mg/Kg	☼	10/11/25 10:17	10/12/25 09:46	1
1,2-Dichloroethane	0.0012	U	0.0012	0.00037	mg/Kg	☼	10/11/25 10:17	10/12/25 09:46	1
1,2-Dichloropropane	0.0012	U	0.0012	0.00052	mg/Kg	☼	10/11/25 10:17	10/12/25 09:46	1
1,3,5-Trimethylbenzene	0.0012	U	0.0012	0.00039	mg/Kg	☼	10/11/25 10:17	10/12/25 09:46	1
1,3-Dichlorobenzene	0.0012	U	0.0012	0.00045	mg/Kg	☼	10/11/25 10:17	10/12/25 09:46	1
1,4-Dichlorobenzene	0.0012	U	0.0012	0.00064	mg/Kg	☼	10/11/25 10:17	10/12/25 09:46	1
2-Butanone (MEK)	0.0062	U	0.0062	0.00045	mg/Kg	☼	10/11/25 10:17	10/12/25 09:46	1
2-Hexanone	0.0062	U	0.0062	0.0021	mg/Kg	☼	10/11/25 10:17	10/12/25 09:46	1
4-Methyl-2-pentanone (MIBK)	0.0062	U	0.0062	0.0019	mg/Kg	☼	10/11/25 10:17	10/12/25 09:46	1
Acetone	0.0074	U	0.0074	0.0071	mg/Kg	☼	10/11/25 10:17	10/12/25 09:46	1
Benzene	0.0012	U	0.0012	0.00070	mg/Kg	☼	10/11/25 10:17	10/12/25 09:46	1
Bromoform	0.0012	U	0.0012	0.00053	mg/Kg	☼	10/11/25 10:17	10/12/25 09:46	1
Bromomethane	0.0025	U *	0.0025	0.0012	mg/Kg	☼	10/11/25 10:17	10/12/25 09:46	1

Client Sample ID: 5B1_1-2
Date Collected: 10/08/25 10:55
Date Received: 10/08/25 17:00

Lab Sample ID: 460-336761-42
Matrix: Solid
Percent Solids: 90.5

Method: SW846 8260D - Volatile Organic Compounds by GC/MS (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Carbon disulfide	0.0012	U	0.0012	0.00033	mg/Kg	☼	10/11/25 10:17	10/12/25 09:46	1
Carbon tetrachloride	0.0012	U	0.0012	0.00048	mg/Kg	☼	10/11/25 10:17	10/12/25 09:46	1
Chlorobenzene	0.0012	U	0.0012	0.00063	mg/Kg	☼	10/11/25 10:17	10/12/25 09:46	1
Chlorobromomethane	0.0012	U	0.0012	0.00074	mg/Kg	☼	10/11/25 10:17	10/12/25 09:46	1
Chlorodibromomethane	0.0012	U	0.0012	0.00066	mg/Kg	☼	10/11/25 10:17	10/12/25 09:46	1
Chloroethane	0.0012	U	0.0012	0.00065	mg/Kg	☼	10/11/25 10:17	10/12/25 09:46	1
Chloroform	0.0012	U	0.0012	0.0012	mg/Kg	☼	10/11/25 10:17	10/12/25 09:46	1
Chloromethane	0.0012	U	0.0012	0.00054	mg/Kg	☼	10/11/25 10:17	10/12/25 09:46	1
cis-1,2-Dichloroethene	0.0012	U	0.0012	0.00044	mg/Kg	☼	10/11/25 10:17	10/12/25 09:46	1
cis-1,3-Dichloropropene	0.0012	U	0.0012	0.00034	mg/Kg	☼	10/11/25 10:17	10/12/25 09:46	1
Cyclohexane	0.0012	U	0.0012	0.00027	mg/Kg	☼	10/11/25 10:17	10/12/25 09:46	1
Dichlorobromomethane	0.0012	U	0.0012	0.00032	mg/Kg	☼	10/11/25 10:17	10/12/25 09:46	1
Dichlorodifluoromethane	0.0012	U	0.0012	0.00042	mg/Kg	☼	10/11/25 10:17	10/12/25 09:46	1
Ethylbenzene	0.0012	U	0.0012	0.00058	mg/Kg	☼	10/11/25 10:17	10/12/25 09:46	1
Ethylene Dibromide	0.0012	U	0.0012	0.00062	mg/Kg	☼	10/11/25 10:17	10/12/25 09:46	1
Isopropylbenzene	0.0012	U	0.0012	0.00035	mg/Kg	☼	10/11/25 10:17	10/12/25 09:46	1
Methyl acetate	0.0062	U	0.0062	0.0053	mg/Kg	☼	10/11/25 10:17	10/12/25 09:46	1
Methyl tert-butyl ether	0.0012	U	0.0012	0.00063	mg/Kg	☼	10/11/25 10:17	10/12/25 09:46	1
Methylcyclohexane	0.0012	U	0.0012	0.00062	mg/Kg	☼	10/11/25 10:17	10/12/25 09:46	1
Methylene Chloride	**0.0069**		0.0025	0.0014	mg/Kg	☼	10/11/25 10:17	10/12/25 09:46	1
m-Xylene & p-Xylene	0.0012	U	0.0012	0.00052	mg/Kg	☼	10/11/25 10:17	10/12/25 09:46	1
n-Butylbenzene	0.0012	U	0.0012	0.00036	mg/Kg	☼	10/11/25 10:17	10/12/25 09:46	1
N-Propylbenzene	0.0012	U	0.0012	0.00056	mg/Kg	☼	10/11/25 10:17	10/12/25 09:46	1
o-Xylene	0.0012	U	0.0012	0.00057	mg/Kg	☼	10/11/25 10:17	10/12/25 09:46	1
sec-Butylbenzene	0.0012	U	0.0012	0.00036	mg/Kg	☼	10/11/25 10:17	10/12/25 09:46	1
Styrene	0.0012	U	0.0012	0.00034	mg/Kg	☼	10/11/25 10:17	10/12/25 09:46	1
tert-Butylbenzene	0.0012	U	0.0012	0.00034	mg/Kg	☼	10/11/25 10:17	10/12/25 09:46	1
Tetrachloroethene	0.0012	U	0.0012	0.00038	mg/Kg	☼	10/11/25 10:17	10/12/25 09:46	1
Toluene	0.0012	U	0.0012	0.00029	mg/Kg	☼	10/11/25 10:17	10/12/25 09:46	1
trans-1,2-Dichloroethene	0.0012	U	0.0012	0.00030	mg/Kg	☼	10/11/25 10:17	10/12/25 09:46	1
trans-1,3-Dichloropropene	0.0012	U	0.0012	0.00033	mg/Kg	☼	10/11/25 10:17	10/12/25 09:46	1
Trichloroethene	0.0012	U	0.0012	0.00040	mg/Kg	☼	10/11/25 10:17	10/12/25 09:46	1
Trichlorofluoromethane	0.0012	U	0.0012	0.00050	mg/Kg	☼	10/11/25 10:17	10/12/25 09:46	1
Vinyl chloride	0.0012	U	0.0012	0.00067	mg/Kg	☼	10/11/25 10:17	10/12/25 09:46	1
Xylenes, Total	0.0025	U	0.0025	0.00022	mg/Kg	☼	10/11/25 10:17	10/12/25 09:46	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,2-Dichloroethane-d4 (Surr)	*87*		*65 - 138*	*10/11/25 10:17*	*10/12/25 09:46*	*1*
4-Bromofluorobenzene	*95*		*71 - 128*	*10/11/25 10:17*	*10/12/25 09:46*	*1*
Dibromofluoromethane (Surr)	*98*		*50 - 150*	*10/11/25 10:17*	*10/12/25 09:46*	*1*
Toluene-d8 (Surr)	*99*		*71 - 126*	*10/11/25 10:17*	*10/12/25 09:46*	*1*

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Percent Moisture (EPA Moisture)	**9.5**		1.0	1.0	%			10/12/25 17:49	1
Percent Solids (EPA Moisture)	**90.5**		1.0	1.0	%			10/12/25 17:49	1

Client Sample ID: 5B2_2-3
Date Collected: 10/08/25 11:00
Date Received: 10/08/25 17:00

Lab Sample ID: 460-336761-43
Matrix: Solid
Percent Solids: 88.1

Method: SW846 8260D - Volatile Organic Compounds by GC/MS

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1-Trichloroethane	0.0012	U	0.0012	0.00029	mg/Kg	☼	10/11/25 10:17	10/12/25 10:10	1
1,1,2,2-Tetrachloroethane	0.0012	U	0.0012	0.00065	mg/Kg	☼	10/11/25 10:17	10/12/25 10:10	1
1,1,2-Trichloro-1,2,2-trifluoroethane	0.0012	U	0.0012	0.00037	mg/Kg	☼	10/11/25 10:17	10/12/25 10:10	1
1,1,2-Trichloroethane	0.0012	U	0.0012	0.00075	mg/Kg	☼	10/11/25 10:17	10/12/25 10:10	1
1,1-Dichloroethane	0.0012	U	0.0012	0.00074	mg/Kg	☼	10/11/25 10:17	10/12/25 10:10	1
1,1-Dichloroethene	0.0012	U	0.0012	0.00028	mg/Kg	☼	10/11/25 10:17	10/12/25 10:10	1
1,2,3-Trichlorobenzene	0.0012	U	0.0012	0.00092	mg/Kg	☼	10/11/25 10:17	10/12/25 10:10	1
1,2,4-Trichlorobenzene	0.0012	U	0.0012	0.00045	mg/Kg	☼	10/11/25 10:17	10/12/25 10:10	1
1,2,4-Trimethylbenzene	0.0012	U	0.0012	0.00031	mg/Kg	☼	10/11/25 10:17	10/12/25 10:10	1
1,2-Dibromo-3-Chloropropane	0.0012	U	0.0012	0.00057	mg/Kg	☼	10/11/25 10:17	10/12/25 10:10	1
1,2-Dichlorobenzene	0.0012	U	0.0012	0.00045	mg/Kg	☼	10/11/25 10:17	10/12/25 10:10	1
1,2-Dichloroethane	0.0012	U	0.0012	0.00037	mg/Kg	☼	10/11/25 10:17	10/12/25 10:10	1
1,2-Dichloropropane	0.0012	U	0.0012	0.00053	mg/Kg	☼	10/11/25 10:17	10/12/25 10:10	1
1,3,5-Trimethylbenzene	0.0012	U	0.0012	0.00039	mg/Kg	☼	10/11/25 10:17	10/12/25 10:10	1
1,3-Dichlorobenzene	0.0012	U	0.0012	0.00045	mg/Kg	☼	10/11/25 10:17	10/12/25 10:10	1
1,4-Dichlorobenzene	0.0012	U	0.0012	0.00065	mg/Kg	☼	10/11/25 10:17	10/12/25 10:10	1
2-Butanone (MEK)	0.0062	U	0.0062	0.00046	mg/Kg	☼	10/11/25 10:17	10/12/25 10:10	1
2-Hexanone	0.0062	U	0.0062	0.0021	mg/Kg	☼	10/11/25 10:17	10/12/25 10:10	1
4-Methyl-2-pentanone (MIBK)	0.0062	U	0.0062	0.0019	mg/Kg	☼	10/11/25 10:17	10/12/25 10:10	1
Acetone	0.0075	U	0.0075	0.0071	mg/Kg	☼	10/11/25 10:17	10/12/25 10:10	1
Benzene	0.0012	U	0.0012	0.00071	mg/Kg	☼	10/11/25 10:17	10/12/25 10:10	1
Bromoform	0.0012	U	0.0012	0.00053	mg/Kg	☼	10/11/25 10:17	10/12/25 10:10	1
Bromomethane	0.0025	U *	0.0025	0.0012	mg/Kg	☼	10/11/25 10:17	10/12/25 10:10	1
Carbon disulfide	0.0012	U	0.0012	0.00033	mg/Kg	☼	10/11/25 10:17	10/12/25 10:10	1
Carbon tetrachloride	0.0012	U	0.0012	0.00048	mg/Kg	☼	10/11/25 10:17	10/12/25 10:10	1
Chlorobenzene	0.0012	U	0.0012	0.00063	mg/Kg	☼	10/11/25 10:17	10/12/25 10:10	1
Chlorobromomethane	0.0012	U	0.0012	0.00074	mg/Kg	☼	10/11/25 10:17	10/12/25 10:10	1
Chlorodibromomethane	0.0012	U	0.0012	0.00067	mg/Kg	☼	10/11/25 10:17	10/12/25 10:10	1
Chloroethane	0.0012	U	0.0012	0.00065	mg/Kg	☼	10/11/25 10:17	10/12/25 10:10	1
Chloroform	0.0012	U	0.0012	0.0012	mg/Kg	☼	10/11/25 10:17	10/12/25 10:10	1
Chloromethane	0.0012	U	0.0012	0.00054	mg/Kg	☼	10/11/25 10:17	10/12/25 10:10	1
cis-1,2-Dichloroethene	0.0012	U	0.0012	0.00045	mg/Kg	☼	10/11/25 10:17	10/12/25 10:10	1
cis-1,3-Dichloropropene	0.0012	U	0.0012	0.00034	mg/Kg	☼	10/11/25 10:17	10/12/25 10:10	1
Cyclohexane	0.0012	U	0.0012	0.00027	mg/Kg	☼	10/11/25 10:17	10/12/25 10:10	1
Dichlorobromomethane	0.0012	U	0.0012	0.00032	mg/Kg	☼	10/11/25 10:17	10/12/25 10:10	1
Dichlorodifluoromethane	0.0012	U	0.0012	0.00042	mg/Kg	☼	10/11/25 10:17	10/12/25 10:10	1
Ethylbenzene	0.0012	U	0.0012	0.00058	mg/Kg	☼	10/11/25 10:17	10/12/25 10:10	1
Ethylene Dibromide	0.0012	U	0.0012	0.00063	mg/Kg	☼	10/11/25 10:17	10/12/25 10:10	1
Isopropylbenzene	0.0012	U	0.0012	0.00035	mg/Kg	☼	10/11/25 10:17	10/12/25 10:10	1
Methyl acetate	0.0062	U	0.0062	0.0054	mg/Kg	☼	10/11/25 10:17	10/12/25 10:10	1
Methyl tert-butyl ether	0.0012	U	0.0012	0.00064	mg/Kg	☼	10/11/25 10:17	10/12/25 10:10	1
Methylcyclohexane	0.0012	U	0.0012	0.00062	mg/Kg	☼	10/11/25 10:17	10/12/25 10:10	1
Methylene Chloride	**0.0041**		0.0025	0.0014	mg/Kg	☼	10/11/25 10:17	10/12/25 10:10	1
m-Xylene & p-Xylene	0.0012	U	0.0012	0.00053	mg/Kg	☼	10/11/25 10:17	10/12/25 10:10	1
n-Butylbenzene	0.0012	U	0.0012	0.00037	mg/Kg	☼	10/11/25 10:17	10/12/25 10:10	1
N-Propylbenzene	0.0012	U	0.0012	0.00056	mg/Kg	☼	10/11/25 10:17	10/12/25 10:10	1
o-Xylene	0.0012	U	0.0012	0.00057	mg/Kg	☼	10/11/25 10:17	10/12/25 10:10	1
sec-Butylbenzene	0.0012	U	0.0012	0.00036	mg/Kg	☼	10/11/25 10:17	10/12/25 10:10	1
Styrene	0.0012	U	0.0012	0.00035	mg/Kg	☼	10/11/25 10:17	10/12/25 10:10	1

Client Sample ID: 5B2_2-3

Lab Sample ID: 460-336761-43

Date Collected: 10/08/25 11:00
Matrix: Solid
Date Received: 10/08/25 17:00
Percent Solids: 88.1

Method: SW846 8260D - Volatile Organic Compounds by GC/MS (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
tert-Butylbenzene	0.0012	U	0.0012	0.00034	mg/Kg	☼	10/11/25 10:17	10/12/25 10:10	1
Tetrachloroethene	0.0012	U	0.0012	0.00038	mg/Kg	☼	10/11/25 10:17	10/12/25 10:10	1
Toluene	0.0012	U	0.0012	0.00029	mg/Kg	☼	10/11/25 10:17	10/12/25 10:10	1
trans-1,2-Dichloroethene	0.0012	U	0.0012	0.00031	mg/Kg	☼	10/11/25 10:17	10/12/25 10:10	1
trans-1,3-Dichloropropene	0.0012	U	0.0012	0.00033	mg/Kg	☼	10/11/25 10:17	10/12/25 10:10	1
Trichloroethene	0.0012	U	0.0012	0.00040	mg/Kg	☼	10/11/25 10:17	10/12/25 10:10	1
Trichlorofluoromethane	0.0012	U	0.0012	0.00051	mg/Kg	☼	10/11/25 10:17	10/12/25 10:10	1
Vinyl chloride	0.0012	U	0.0012	0.00068	mg/Kg	☼	10/11/25 10:17	10/12/25 10:10	1
Xylenes, Total	0.0025	U	0.0025	0.00022	mg/Kg	☼	10/11/25 10:17	10/12/25 10:10	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,2-Dichloroethane-d4 (Surr)	*86*		*65 - 138*	*10/11/25 10:17*	*10/12/25 10:10*	*1*
4-Bromofluorobenzene	*95*		*71 - 128*	*10/11/25 10:17*	*10/12/25 10:10*	*1*
Dibromofluoromethane (Surr)	*96*		*50 - 150*	*10/11/25 10:17*	*10/12/25 10:10*	*1*
Toluene-d8 (Surr)	*100*		*71 - 126*	*10/11/25 10:17*	*10/12/25 10:10*	*1*

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Percent Moisture (EPA Moisture)	**11.9**		1.0	1.0	%			10/12/25 17:49	1
Percent Solids (EPA Moisture)	**88.1**		1.0	1.0	%			10/12/25 17:49	1

Client Sample ID: 5B3_3-4

Lab Sample ID: 460-336761-44

Date Collected: 10/08/25 11:05
Matrix: Solid
Date Received: 10/08/25 17:00
Percent Solids: 91.6

Method: SW846 8260D - Volatile Organic Compounds by GC/MS

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1-Trichloroethane	0.0015	U	0.0015	0.00036	mg/Kg	☼	10/11/25 10:18	10/12/25 10:34	1
1,1,2,2-Tetrachloroethane	0.0015	U	0.0015	0.00080	mg/Kg	☼	10/11/25 10:18	10/12/25 10:34	1
1,1,2-Trichloro-1,2,2-trifluoroethane	0.0015	U	0.0015	0.00046	mg/Kg	☼	10/11/25 10:18	10/12/25 10:34	1
1,1,2-Trichloroethane	0.0015	U	0.0015	0.00092	mg/Kg	☼	10/11/25 10:18	10/12/25 10:34	1
1,1-Dichloroethane	0.0015	U	0.0015	0.00091	mg/Kg	☼	10/11/25 10:18	10/12/25 10:34	1
1,1-Dichloroethene	0.0015	U	0.0015	0.00034	mg/Kg	☼	10/11/25 10:18	10/12/25 10:34	1
1,2,3-Trichlorobenzene	0.0015	U	0.0015	0.0011	mg/Kg	☼	10/11/25 10:18	10/12/25 10:34	1
1,2,4-Trichlorobenzene	0.0015	U	0.0015	0.00055	mg/Kg	☼	10/11/25 10:18	10/12/25 10:34	1
1,2,4-Trimethylbenzene	0.0015	U	0.0015	0.00038	mg/Kg	☼	10/11/25 10:18	10/12/25 10:34	1
1,2-Dibromo-3-Chloropropane	0.0015	U	0.0015	0.00070	mg/Kg	☼	10/11/25 10:18	10/12/25 10:34	1
1,2-Dichlorobenzene	0.0015	U	0.0015	0.00055	mg/Kg	☼	10/11/25 10:18	10/12/25 10:34	1
1,2-Dichloroethane	0.0015	U	0.0015	0.00045	mg/Kg	☼	10/11/25 10:18	10/12/25 10:34	1
1,2-Dichloropropane	0.0015	U	0.0015	0.00065	mg/Kg	☼	10/11/25 10:18	10/12/25 10:34	1
1,3,5-Trimethylbenzene	0.0015	U	0.0015	0.00048	mg/Kg	☼	10/11/25 10:18	10/12/25 10:34	1
1,3-Dichlorobenzene	0.0015	U	0.0015	0.00056	mg/Kg	☼	10/11/25 10:18	10/12/25 10:34	1
1,4-Dichlorobenzene	0.0015	U	0.0015	0.00079	mg/Kg	☼	10/11/25 10:18	10/12/25 10:34	1
2-Butanone (MEK)	0.0076	U	0.0076	0.00056	mg/Kg	☼	10/11/25 10:18	10/12/25 10:34	1
2-Hexanone	0.0076	U	0.0076	0.0026	mg/Kg	☼	10/11/25 10:18	10/12/25 10:34	1
4-Methyl-2-pentanone (MIBK)	0.0076	U	0.0076	0.0024	mg/Kg	☼	10/11/25 10:18	10/12/25 10:34	1
Acetone	0.0092	U	0.0092	0.0087	mg/Kg	☼	10/11/25 10:18	10/12/25 10:34	1
Benzene	0.0015	U	0.0015	0.00087	mg/Kg	☼	10/11/25 10:18	10/12/25 10:34	1
Bromoform	0.0015	U	0.0015	0.00065	mg/Kg	☼	10/11/25 10:18	10/12/25 10:34	1
Bromomethane	0.0031	U *	0.0031	0.0015	mg/Kg	☼	10/11/25 10:18	10/12/25 10:34	1

Client Sample ID: 5B3_3-4
Date Collected: 10/08/25 11:05
Date Received: 10/08/25 17:00

Lab Sample ID: 460-336761-44
Matrix: Solid
Percent Solids: 91.6

Method: SW846 8260D - Volatile Organic Compounds by GC/MS (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Carbon disulfide	0.0015	U	0.0015	0.00041	mg/Kg	☼	10/11/25 10:18	10/12/25 10:34	1
Carbon tetrachloride	0.0015	U	0.0015	0.00059	mg/Kg	☼	10/11/25 10:18	10/12/25 10:34	1
Chlorobenzene	0.0015	U	0.0015	0.00077	mg/Kg	☼	10/11/25 10:18	10/12/25 10:34	1
Chlorobromomethane	0.0015	U	0.0015	0.00091	mg/Kg	☼	10/11/25 10:18	10/12/25 10:34	1
Chlorodibromomethane	0.0015	U	0.0015	0.00082	mg/Kg	☼	10/11/25 10:18	10/12/25 10:34	1
Chloroethane	0.0015	U	0.0015	0.00080	mg/Kg	☼	10/11/25 10:18	10/12/25 10:34	1
Chloroform	0.0015	U	0.0015	0.0015	mg/Kg	☼	10/11/25 10:18	10/12/25 10:34	1
Chloromethane	0.0015	U	0.0015	0.00066	mg/Kg	☼	10/11/25 10:18	10/12/25 10:34	1
cis-1,2-Dichloroethene	0.0015	U	0.0015	0.00055	mg/Kg	☼	10/11/25 10:18	10/12/25 10:34	1
cis-1,3-Dichloropropene	0.0015	U	0.0015	0.00042	mg/Kg	☼	10/11/25 10:18	10/12/25 10:34	1
Cyclohexane	0.0015	U	0.0015	0.00034	mg/Kg	☼	10/11/25 10:18	10/12/25 10:34	1
Dichlorobromomethane	0.0015	U	0.0015	0.00039	mg/Kg	☼	10/11/25 10:18	10/12/25 10:34	1
Dichlorodifluoromethane	0.0015	U	0.0015	0.00052	mg/Kg	☼	10/11/25 10:18	10/12/25 10:34	1
Ethylbenzene	0.0015	U	0.0015	0.00072	mg/Kg	☼	10/11/25 10:18	10/12/25 10:34	1
Ethylene Dibromide	0.0015	U	0.0015	0.00077	mg/Kg	☼	10/11/25 10:18	10/12/25 10:34	1
Isopropylbenzene	0.0015	U	0.0015	0.00044	mg/Kg	☼	10/11/25 10:18	10/12/25 10:34	1
Methyl acetate	0.0076	U	0.0076	0.0066	mg/Kg	☼	10/11/25 10:18	10/12/25 10:34	1
Methyl tert-butyl ether	0.0015	U	0.0015	0.00078	mg/Kg	☼	10/11/25 10:18	10/12/25 10:34	1
Methylcyclohexane	0.0015	U	0.0015	0.00076	mg/Kg	☼	10/11/25 10:18	10/12/25 10:34	1
Methylene Chloride	**0.0047**		0.0031	0.0017	mg/Kg	☼	10/11/25 10:18	10/12/25 10:34	1
m-Xylene & p-Xylene	0.0015	U	0.0015	0.00065	mg/Kg	☼	10/11/25 10:18	10/12/25 10:34	1
n-Butylbenzene	0.0015	U	0.0015	0.00045	mg/Kg	☼	10/11/25 10:18	10/12/25 10:34	1
N-Propylbenzene	0.0015	U	0.0015	0.00069	mg/Kg	☼	10/11/25 10:18	10/12/25 10:34	1
o-Xylene	0.0015	U	0.0015	0.00070	mg/Kg	☼	10/11/25 10:18	10/12/25 10:34	1
sec-Butylbenzene	0.0015	U	0.0015	0.00044	mg/Kg	☼	10/11/25 10:18	10/12/25 10:34	1
Styrene	0.0015	U	0.0015	0.00042	mg/Kg	☼	10/11/25 10:18	10/12/25 10:34	1
tert-Butylbenzene	0.0015	U	0.0015	0.00042	mg/Kg	☼	10/11/25 10:18	10/12/25 10:34	1
Tetrachloroethene	0.0015	U	0.0015	0.00047	mg/Kg	☼	10/11/25 10:18	10/12/25 10:34	1
Toluene	0.0015	U	0.0015	0.00036	mg/Kg	☼	10/11/25 10:18	10/12/25 10:34	1
trans-1,2-Dichloroethene	0.0015	U	0.0015	0.00038	mg/Kg	☼	10/11/25 10:18	10/12/25 10:34	1
trans-1,3-Dichloropropene	0.0015	U	0.0015	0.00041	mg/Kg	☼	10/11/25 10:18	10/12/25 10:34	1
Trichloroethene	0.0015	U	0.0015	0.00049	mg/Kg	☼	10/11/25 10:18	10/12/25 10:34	1
Trichlorofluoromethane	0.0015	U	0.0015	0.00062	mg/Kg	☼	10/11/25 10:18	10/12/25 10:34	1
Vinyl chloride	0.0015	U	0.0015	0.00083	mg/Kg	☼	10/11/25 10:18	10/12/25 10:34	1
Xylenes, Total	0.0031	U	0.0031	0.00027	mg/Kg	☼	10/11/25 10:18	10/12/25 10:34	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,2-Dichloroethane-d4 (Surr)	*86*		*65 - 138*	*10/11/25 10:18*	*10/12/25 10:34*	*1*
4-Bromofluorobenzene	*93*		*71 - 128*	*10/11/25 10:18*	*10/12/25 10:34*	*1*
Dibromofluoromethane (Surr)	*96*		*50 - 150*	*10/11/25 10:18*	*10/12/25 10:34*	*1*
Toluene-d8 (Surr)	*100*		*71 - 126*	*10/11/25 10:18*	*10/12/25 10:34*	*1*

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Percent Moisture (EPA Moisture)	**8.4**		1.0	1.0	%			10/12/25 17:49	1
Percent Solids (EPA Moisture)	**91.6**		1.0	1.0	%			10/12/25 17:49	1

Client: Haley & Aldrich, Inc.
Project/Site: Former Port Mobil

Job ID: 460-336761-1

Client Sample ID: 5B1_5-6
Date Collected: 10/08/25 11:10
Date Received: 10/08/25 17:00

Lab Sample ID: 460-336761-45
Matrix: Solid
Percent Solids: 89.1

Method: SW846 8260D - Volatile Organic Compounds by GC/MS

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1-Trichloroethane	0.00099	U	0.00099	0.00023	mg/Kg	☼	10/11/25 10:18	10/12/25 10:58	1
1,1,2,2-Tetrachloroethane	0.00099	U	0.00099	0.00052	mg/Kg	☼	10/11/25 10:18	10/12/25 10:58	1
1,1,2-Trichloro-1,2,2-trifluoroethane	0.00099	U	0.00099	0.00030	mg/Kg	☼	10/11/25 10:18	10/12/25 10:58	1
1,1,2-Trichloroethane	0.00099	U	0.00099	0.00060	mg/Kg	☼	10/11/25 10:18	10/12/25 10:58	1
1,1-Dichloroethane	0.00099	U	0.00099	0.00059	mg/Kg	☼	10/11/25 10:18	10/12/25 10:58	1
1,1-Dichloroethene	0.00099	U	0.00099	0.00022	mg/Kg	☼	10/11/25 10:18	10/12/25 10:58	1
1,2,3-Trichlorobenzene	0.00099	U	0.00099	0.00073	mg/Kg	☼	10/11/25 10:18	10/12/25 10:58	1
1,2,4-Trichlorobenzene	0.00099	U	0.00099	0.00035	mg/Kg	☼	10/11/25 10:18	10/12/25 10:58	1
1,2,4-Trimethylbenzene	0.00099	U	0.00099	0.00024	mg/Kg	☼	10/11/25 10:18	10/12/25 10:58	1
1,2-Dibromo-3-Chloropropane	0.00099	U	0.00099	0.00046	mg/Kg	☼	10/11/25 10:18	10/12/25 10:58	1
1,2-Dichlorobenzene	0.00099	U	0.00099	0.00036	mg/Kg	☼	10/11/25 10:18	10/12/25 10:58	1
1,2-Dichloroethane	0.00099	U	0.00099	0.00029	mg/Kg	☼	10/11/25 10:18	10/12/25 10:58	1
1,2-Dichloropropane	0.00099	U	0.00099	0.00042	mg/Kg	☼	10/11/25 10:18	10/12/25 10:58	1
1,3,5-Trimethylbenzene	0.00099	U	0.00099	0.00031	mg/Kg	☼	10/11/25 10:18	10/12/25 10:58	1
1,3-Dichlorobenzene	0.00099	U	0.00099	0.00036	mg/Kg	☼	10/11/25 10:18	10/12/25 10:58	1
1,4-Dichlorobenzene	0.00099	U	0.00099	0.00051	mg/Kg	☼	10/11/25 10:18	10/12/25 10:58	1
2-Butanone (MEK)	0.0050	U	0.0050	0.00036	mg/Kg	☼	10/11/25 10:18	10/12/25 10:58	1
2-Hexanone	0.0050	U	0.0050	0.0017	mg/Kg	☼	10/11/25 10:18	10/12/25 10:58	1
4-Methyl-2-pentanone (MIBK)	0.0050	U	0.0050	0.0015	mg/Kg	☼	10/11/25 10:18	10/12/25 10:58	1
Acetone	0.0059	U	0.0059	0.0057	mg/Kg	☼	10/11/25 10:18	10/12/25 10:58	1
Benzene	0.00099	U	0.00099	0.00056	mg/Kg	☼	10/11/25 10:18	10/12/25 10:58	1
Bromoform	0.00099	U	0.00099	0.00042	mg/Kg	☼	10/11/25 10:18	10/12/25 10:58	1
Bromomethane	0.0020	U *	0.0020	0.00099	mg/Kg	☼	10/11/25 10:18	10/12/25 10:58	1
Carbon disulfide	0.00099	U	0.00099	0.00026	mg/Kg	☼	10/11/25 10:18	10/12/25 10:58	1
Carbon tetrachloride	0.00099	U	0.00099	0.00038	mg/Kg	☼	10/11/25 10:18	10/12/25 10:58	1
Chlorobenzene	0.00099	U	0.00099	0.00050	mg/Kg	☼	10/11/25 10:18	10/12/25 10:58	1
Chlorobromomethane	0.00099	U	0.00099	0.00059	mg/Kg	☼	10/11/25 10:18	10/12/25 10:58	1
Chlorodibromomethane	0.00099	U	0.00099	0.00053	mg/Kg	☼	10/11/25 10:18	10/12/25 10:58	1
Chloroethane	0.00099	U	0.00099	0.00052	mg/Kg	☼	10/11/25 10:18	10/12/25 10:58	1
Chloroform	0.00099	U	0.00099	0.00096	mg/Kg	☼	10/11/25 10:18	10/12/25 10:58	1
Chloromethane	0.00099	U	0.00099	0.00043	mg/Kg	☼	10/11/25 10:18	10/12/25 10:58	1
cis-1,2-Dichloroethene	0.00099	U	0.00099	0.00035	mg/Kg	☼	10/11/25 10:18	10/12/25 10:58	1
cis-1,3-Dichloropropene	0.00099	U	0.00099	0.00027	mg/Kg	☼	10/11/25 10:18	10/12/25 10:58	1
Cyclohexane	0.00099	U	0.00099	0.00022	mg/Kg	☼	10/11/25 10:18	10/12/25 10:58	1
Dichlorobromomethane	0.00099	U	0.00099	0.00025	mg/Kg	☼	10/11/25 10:18	10/12/25 10:58	1
Dichlorodifluoromethane	0.00099	U	0.00099	0.00034	mg/Kg	☼	10/11/25 10:18	10/12/25 10:58	1
Ethylbenzene	0.00099	U	0.00099	0.00046	mg/Kg	☼	10/11/25 10:18	10/12/25 10:58	1
Ethylene Dibromide	0.00099	U	0.00099	0.00050	mg/Kg	☼	10/11/25 10:18	10/12/25 10:58	1
Isopropylbenzene	0.00099	U	0.00099	0.00028	mg/Kg	☼	10/11/25 10:18	10/12/25 10:58	1
Methyl acetate	0.0050	U	0.0050	0.0043	mg/Kg	☼	10/11/25 10:18	10/12/25 10:58	1
Methyl tert-butyl ether	0.00099	U	0.00099	0.00051	mg/Kg	☼	10/11/25 10:18	10/12/25 10:58	1
Methylcyclohexane	0.00099	U	0.00099	0.00049	mg/Kg	☼	10/11/25 10:18	10/12/25 10:58	1
Methylene Chloride	**0.0055**		0.0020	0.0011	mg/Kg	☼	10/11/25 10:18	10/12/25 10:58	1
m-Xylene & p-Xylene	0.00099	U	0.00099	0.00042	mg/Kg	☼	10/11/25 10:18	10/12/25 10:58	1
n-Butylbenzene	0.00099	U	0.00099	0.00029	mg/Kg	☼	10/11/25 10:18	10/12/25 10:58	1
N-Propylbenzene	0.00099	U	0.00099	0.00045	mg/Kg	☼	10/11/25 10:18	10/12/25 10:58	1
o-Xylene	0.00099	U	0.00099	0.00046	mg/Kg	☼	10/11/25 10:18	10/12/25 10:58	1
sec-Butylbenzene	0.00099	U	0.00099	0.00029	mg/Kg	☼	10/11/25 10:18	10/12/25 10:58	1
Styrene	0.00099	U	0.00099	0.00028	mg/Kg	☼	10/11/25 10:18	10/12/25 10:58	1

Client Sample ID: 5B1_5-6

Lab Sample ID: 460-336761-45

Date Collected: 10/08/25 11:10
Matrix: Solid
Date Received: 10/08/25 17:00
Percent Solids: 89.1

Method: SW846 8260D - Volatile Organic Compounds by GC/MS (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
tert-Butylbenzene	0.00099	U	0.00099	0.00027	mg/Kg	☼	10/11/25 10:18	10/12/25 10:58	1
Tetrachloroethene	0.00099	U	0.00099	0.00030	mg/Kg	☼	10/11/25 10:18	10/12/25 10:58	1
Toluene	0.00099	U	0.00099	0.00023	mg/Kg	☼	10/11/25 10:18	10/12/25 10:58	1
trans-1,2-Dichloroethene	0.00099	U	0.00099	0.00024	mg/Kg	☼	10/11/25 10:18	10/12/25 10:58	1
trans-1,3-Dichloropropene	0.00099	U	0.00099	0.00026	mg/Kg	☼	10/11/25 10:18	10/12/25 10:58	1
Trichloroethene	0.00099	U	0.00099	0.00032	mg/Kg	☼	10/11/25 10:18	10/12/25 10:58	1
Trichlorofluoromethane	0.00099	U	0.00099	0.00040	mg/Kg	☼	10/11/25 10:18	10/12/25 10:58	1
Vinyl chloride	0.00099	U	0.00099	0.00054	mg/Kg	☼	10/11/25 10:18	10/12/25 10:58	1
Xylenes, Total	0.0020	U	0.0020	0.00017	mg/Kg	☼	10/11/25 10:18	10/12/25 10:58	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,2-Dichloroethane-d4 (Surr)	*85*		*65 - 138*	*10/11/25 10:18*	*10/12/25 10:58*	*1*
4-Bromofluorobenzene	*93*		*71 - 128*	*10/11/25 10:18*	*10/12/25 10:58*	*1*
Dibromofluoromethane (Surr)	*96*		*50 - 150*	*10/11/25 10:18*	*10/12/25 10:58*	*1*
Toluene-d8 (Surr)	*99*		*71 - 126*	*10/11/25 10:18*	*10/12/25 10:58*	*1*

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Percent Moisture (EPA Moisture)	**10.9**		1.0	1.0	%			10/12/25 17:49	1
Percent Solids (EPA Moisture)	**89.1**		1.0	1.0	%			10/12/25 17:49	1

Client Sample ID: 5B2_6-7

Lab Sample ID: 460-336761-46

Date Collected: 10/08/25 11:15
Matrix: Solid
Date Received: 10/08/25 17:00
Percent Solids: 90.4

Method: SW846 8260D - Volatile Organic Compounds by GC/MS

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1-Trichloroethane	0.0011	U	0.0011	0.00025	mg/Kg	☼	10/11/25 10:18	10/12/25 11:23	1
1,1,2,2-Tetrachloroethane	0.0011	U	0.0011	0.00056	mg/Kg	☼	10/11/25 10:18	10/12/25 11:23	1
1,1,2-Trichloro-1,2,2-trifluoroethane	0.0011	U	0.0011	0.00032	mg/Kg	☼	10/11/25 10:18	10/12/25 11:23	1
1,1,2-Trichloroethane	0.0011	U	0.0011	0.00065	mg/Kg	☼	10/11/25 10:18	10/12/25 11:23	1
1,1-Dichloroethane	0.0011	U	0.0011	0.00064	mg/Kg	☼	10/11/25 10:18	10/12/25 11:23	1
1,1-Dichloroethene	0.0011	U	0.0011	0.00024	mg/Kg	☼	10/11/25 10:18	10/12/25 11:23	1
1,2,3-Trichlorobenzene	0.0011	U	0.0011	0.00080	mg/Kg	☼	10/11/25 10:18	10/12/25 11:23	1
1,2,4-Trichlorobenzene	0.0011	U	0.0011	0.00039	mg/Kg	☼	10/11/25 10:18	10/12/25 11:23	1
1,2,4-Trimethylbenzene	0.0011	U	0.0011	0.00027	mg/Kg	☼	10/11/25 10:18	10/12/25 11:23	1
1,2-Dibromo-3-Chloropropane	0.0011	U	0.0011	0.00050	mg/Kg	☼	10/11/25 10:18	10/12/25 11:23	1
1,2-Dichlorobenzene	0.0011	U	0.0011	0.00039	mg/Kg	☼	10/11/25 10:18	10/12/25 11:23	1
1,2-Dichloroethane	0.0011	U	0.0011	0.00032	mg/Kg	☼	10/11/25 10:18	10/12/25 11:23	1
1,2-Dichloropropane	0.0011	U	0.0011	0.00046	mg/Kg	☼	10/11/25 10:18	10/12/25 11:23	1
1,3,5-Trimethylbenzene	0.0011	U	0.0011	0.00034	mg/Kg	☼	10/11/25 10:18	10/12/25 11:23	1
1,3-Dichlorobenzene	0.0011	U	0.0011	0.00039	mg/Kg	☼	10/11/25 10:18	10/12/25 11:23	1
1,4-Dichlorobenzene	0.0011	U	0.0011	0.00056	mg/Kg	☼	10/11/25 10:18	10/12/25 11:23	1
2-Butanone (MEK)	0.0054	U	0.0054	0.00040	mg/Kg	☼	10/11/25 10:18	10/12/25 11:23	1
2-Hexanone	0.0054	U	0.0054	0.0018	mg/Kg	☼	10/11/25 10:18	10/12/25 11:23	1
4-Methyl-2-pentanone (MIBK)	0.0054	U	0.0054	0.0017	mg/Kg	☼	10/11/25 10:18	10/12/25 11:23	1
Acetone	0.0065	U	0.0065	0.0062	mg/Kg	☼	10/11/25 10:18	10/12/25 11:23	1
Benzene	0.0011	U	0.0011	0.00061	mg/Kg	☼	10/11/25 10:18	10/12/25 11:23	1
Bromoform	0.0011	U	0.0011	0.00046	mg/Kg	☼	10/11/25 10:18	10/12/25 11:23	1
Bromomethane	0.0022	U *	0.0022	0.0011	mg/Kg	☼	10/11/25 10:18	10/12/25 11:23	1

Client Sample ID: 5B2_6-7
Date Collected: 10/08/25 11:15
Date Received: 10/08/25 17:00

Lab Sample ID: 460-336761-46
Matrix: Solid
Percent Solids: 90.4

Method: SW846 8260D - Volatile Organic Compounds by GC/MS (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Carbon disulfide	0.0011	U	0.0011	0.00029	mg/Kg	☼	10/11/25 10:18	10/12/25 11:23	1
Carbon tetrachloride	0.0011	U	0.0011	0.00042	mg/Kg	☼	10/11/25 10:18	10/12/25 11:23	1
Chlorobenzene	0.0011	U	0.0011	0.00055	mg/Kg	☼	10/11/25 10:18	10/12/25 11:23	1
Chlorobromomethane	0.0011	U	0.0011	0.00064	mg/Kg	☼	10/11/25 10:18	10/12/25 11:23	1
Chlorodibromomethane	0.0011	U	0.0011	0.00058	mg/Kg	☼	10/11/25 10:18	10/12/25 11:23	1
Chloroethane	0.0011	U	0.0011	0.00056	mg/Kg	☼	10/11/25 10:18	10/12/25 11:23	1
Chloroform	0.0011	U	0.0011	0.0010	mg/Kg	☼	10/11/25 10:18	10/12/25 11:23	1
Chloromethane	0.0011	U	0.0011	0.00047	mg/Kg	☼	10/11/25 10:18	10/12/25 11:23	1
cis-1,2-Dichloroethene	0.0011	U	0.0011	0.00039	mg/Kg	☼	10/11/25 10:18	10/12/25 11:23	1
cis-1,3-Dichloropropene	0.0011	U	0.0011	0.00029	mg/Kg	☼	10/11/25 10:18	10/12/25 11:23	1
Cyclohexane	0.0011	U	0.0011	0.00024	mg/Kg	☼	10/11/25 10:18	10/12/25 11:23	1
Dichlorobromomethane	0.0011	U	0.0011	0.00028	mg/Kg	☼	10/11/25 10:18	10/12/25 11:23	1
Dichlorodifluoromethane	0.0011	U	0.0011	0.00036	mg/Kg	☼	10/11/25 10:18	10/12/25 11:23	1
Ethylbenzene	0.0011	U	0.0011	0.00050	mg/Kg	☼	10/11/25 10:18	10/12/25 11:23	1
Ethylene Dibromide	0.0011	U	0.0011	0.00054	mg/Kg	☼	10/11/25 10:18	10/12/25 11:23	1
Isopropylbenzene	0.0011	U	0.0011	0.00031	mg/Kg	☼	10/11/25 10:18	10/12/25 11:23	1
Methyl acetate	0.0054	U	0.0054	0.0046	mg/Kg	☼	10/11/25 10:18	10/12/25 11:23	1
Methyl tert-butyl ether	0.0011	U	0.0011	0.00055	mg/Kg	☼	10/11/25 10:18	10/12/25 11:23	1
Methylcyclohexane	0.0011	U	0.0011	0.00054	mg/Kg	☼	10/11/25 10:18	10/12/25 11:23	1
Methylene Chloride	**0.0063**		0.0022	0.0012	mg/Kg	☼	10/11/25 10:18	10/12/25 11:23	1
m-Xylene & p-Xylene	0.0011	U	0.0011	0.00046	mg/Kg	☼	10/11/25 10:18	10/12/25 11:23	1
n-Butylbenzene	0.0011	U	0.0011	0.00032	mg/Kg	☼	10/11/25 10:18	10/12/25 11:23	1
N-Propylbenzene	0.0011	U	0.0011	0.00048	mg/Kg	☼	10/11/25 10:18	10/12/25 11:23	1
o-Xylene	0.0011	U	0.0011	0.00050	mg/Kg	☼	10/11/25 10:18	10/12/25 11:23	1
sec-Butylbenzene	0.0011	U	0.0011	0.00031	mg/Kg	☼	10/11/25 10:18	10/12/25 11:23	1
Styrene	0.0011	U	0.0011	0.00030	mg/Kg	☼	10/11/25 10:18	10/12/25 11:23	1
tert-Butylbenzene	0.0011	U	0.0011	0.00030	mg/Kg	☼	10/11/25 10:18	10/12/25 11:23	1
Tetrachloroethene	0.0011	U	0.0011	0.00033	mg/Kg	☼	10/11/25 10:18	10/12/25 11:23	1
Toluene	0.0011	U	0.0011	0.00025	mg/Kg	☼	10/11/25 10:18	10/12/25 11:23	1
trans-1,2-Dichloroethene	0.0011	U	0.0011	0.00027	mg/Kg	☼	10/11/25 10:18	10/12/25 11:23	1
trans-1,3-Dichloropropene	0.0011	U	0.0011	0.00029	mg/Kg	☼	10/11/25 10:18	10/12/25 11:23	1
Trichloroethene	0.0011	U	0.0011	0.00035	mg/Kg	☼	10/11/25 10:18	10/12/25 11:23	1
Trichlorofluoromethane	0.0011	U	0.0011	0.00044	mg/Kg	☼	10/11/25 10:18	10/12/25 11:23	1
Vinyl chloride	0.0011	U	0.0011	0.00059	mg/Kg	☼	10/11/25 10:18	10/12/25 11:23	1
Xylenes, Total	0.0022	U	0.0022	0.00019	mg/Kg	☼	10/11/25 10:18	10/12/25 11:23	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,2-Dichloroethane-d4 (Surr)	*86*		*65 - 138*	*10/11/25 10:18*	*10/12/25 11:23*	*1*
4-Bromofluorobenzene	*93*		*71 - 128*	*10/11/25 10:18*	*10/12/25 11:23*	*1*
Dibromofluoromethane (Surr)	*97*		*50 - 150*	*10/11/25 10:18*	*10/12/25 11:23*	*1*
Toluene-d8 (Surr)	*99*		*71 - 126*	*10/11/25 10:18*	*10/12/25 11:23*	*1*

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Percent Moisture (EPA Moisture)	**9.6**		1.0	1.0	%			10/12/25 17:49	1
Percent Solids (EPA Moisture)	**90.4**		1.0	1.0	%			10/12/25 17:49	1

Client: Haley & Aldrich, Inc.
Project/Site: Former Port Mobil

Job ID: 460-336761-1

Client Sample ID: 5B3_8-9
Date Collected: 10/08/25 11:20
Date Received: 10/08/25 17:00

Lab Sample ID: 460-336761-47
Matrix: Solid
Percent Solids: 91.3

Method: SW846 8260D - Volatile Organic Compounds by GC/MS

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1-Trichloroethane	0.0012	U	0.0012	0.00029	mg/Kg	☼	10/11/25 10:28	10/12/25 11:47	1
1,1,2,2-Tetrachloroethane	0.0012	U	0.0012	0.00065	mg/Kg	☼	10/11/25 10:28	10/12/25 11:47	1
1,1,2-Trichloro-1,2,2-trifluoroethane	0.0012	U	0.0012	0.00037	mg/Kg	☼	10/11/25 10:28	10/12/25 11:47	1
1,1,2-Trichloroethane	0.0012	U	0.0012	0.00075	mg/Kg	☼	10/11/25 10:28	10/12/25 11:47	1
1,1-Dichloroethane	0.0012	U	0.0012	0.00074	mg/Kg	☼	10/11/25 10:28	10/12/25 11:47	1
1,1-Dichloroethene	0.0012	U	0.0012	0.00028	mg/Kg	☼	10/11/25 10:28	10/12/25 11:47	1
1,2,3-Trichlorobenzene	0.0012	U	0.0012	0.00092	mg/Kg	☼	10/11/25 10:28	10/12/25 11:47	1
1,2,4-Trichlorobenzene	0.0012	U	0.0012	0.00044	mg/Kg	☼	10/11/25 10:28	10/12/25 11:47	1
1,2,4-Trimethylbenzene	0.0012	U	0.0012	0.00031	mg/Kg	☼	10/11/25 10:28	10/12/25 11:47	1
1,2-Dibromo-3-Chloropropane	0.0012	U	0.0012	0.00057	mg/Kg	☼	10/11/25 10:28	10/12/25 11:47	1
1,2-Dichlorobenzene	0.0012	U	0.0012	0.00045	mg/Kg	☼	10/11/25 10:28	10/12/25 11:47	1
1,2-Dichloroethane	0.0012	U	0.0012	0.00037	mg/Kg	☼	10/11/25 10:28	10/12/25 11:47	1
1,2-Dichloropropane	0.0012	U	0.0012	0.00052	mg/Kg	☼	10/11/25 10:28	10/12/25 11:47	1
1,3,5-Trimethylbenzene	0.0012	U	0.0012	0.00039	mg/Kg	☼	10/11/25 10:28	10/12/25 11:47	1
1,3-Dichlorobenzene	0.0012	U	0.0012	0.00045	mg/Kg	☼	10/11/25 10:28	10/12/25 11:47	1
1,4-Dichlorobenzene	0.0012	U	0.0012	0.00064	mg/Kg	☼	10/11/25 10:28	10/12/25 11:47	1
2-Butanone (MEK)	0.0062	U	0.0062	0.00046	mg/Kg	☼	10/11/25 10:28	10/12/25 11:47	1
2-Hexanone	0.0062	U	0.0062	0.0021	mg/Kg	☼	10/11/25 10:28	10/12/25 11:47	1
4-Methyl-2-pentanone (MIBK)	0.0062	U	0.0062	0.0019	mg/Kg	☼	10/11/25 10:28	10/12/25 11:47	1
Acetone	0.0074	U	0.0074	0.0071	mg/Kg	☼	10/11/25 10:28	10/12/25 11:47	1
Benzene	0.0012	U	0.0012	0.00070	mg/Kg	☼	10/11/25 10:28	10/12/25 11:47	1
Bromoform	0.0012	U	0.0012	0.00053	mg/Kg	☼	10/11/25 10:28	10/12/25 11:47	1
Bromomethane	0.0025	U *	0.0025	0.0012	mg/Kg	☼	10/11/25 10:28	10/12/25 11:47	1
Carbon disulfide	0.0012	U	0.0012	0.00033	mg/Kg	☼	10/11/25 10:28	10/12/25 11:47	1
Carbon tetrachloride	0.0012	U	0.0012	0.00048	mg/Kg	☼	10/11/25 10:28	10/12/25 11:47	1
Chlorobenzene	0.0012	U	0.0012	0.00063	mg/Kg	☼	10/11/25 10:28	10/12/25 11:47	1
Chlorobromomethane	0.0012	U	0.0012	0.00074	mg/Kg	☼	10/11/25 10:28	10/12/25 11:47	1
Chlorodibromomethane	0.0012	U	0.0012	0.00067	mg/Kg	☼	10/11/25 10:28	10/12/25 11:47	1
Chloroethane	0.0012	U	0.0012	0.00065	mg/Kg	☼	10/11/25 10:28	10/12/25 11:47	1
Chloroform	0.0012	U	0.0012	0.0012	mg/Kg	☼	10/11/25 10:28	10/12/25 11:47	1
Chloromethane	0.0012	U	0.0012	0.00054	mg/Kg	☼	10/11/25 10:28	10/12/25 11:47	1
cis-1,2-Dichloroethene	0.0012	U	0.0012	0.00044	mg/Kg	☼	10/11/25 10:28	10/12/25 11:47	1
cis-1,3-Dichloropropene	0.0012	U	0.0012	0.00034	mg/Kg	☼	10/11/25 10:28	10/12/25 11:47	1
Cyclohexane	0.0012	U	0.0012	0.00027	mg/Kg	☼	10/11/25 10:28	10/12/25 11:47	1
Dichlorobromomethane	0.0012	U	0.0012	0.00032	mg/Kg	☼	10/11/25 10:28	10/12/25 11:47	1
Dichlorodifluoromethane	0.0012	U	0.0012	0.00042	mg/Kg	☼	10/11/25 10:28	10/12/25 11:47	1
Ethylbenzene	0.0012	U	0.0012	0.00058	mg/Kg	☼	10/11/25 10:28	10/12/25 11:47	1
Ethylene Dibromide	0.0012	U	0.0012	0.00063	mg/Kg	☼	10/11/25 10:28	10/12/25 11:47	1
Isopropylbenzene	0.0012	U	0.0012	0.00035	mg/Kg	☼	10/11/25 10:28	10/12/25 11:47	1
Methyl acetate	0.0062	U	0.0062	0.0053	mg/Kg	☼	10/11/25 10:28	10/12/25 11:47	1
Methyl tert-butyl ether	0.0012	U	0.0012	0.00064	mg/Kg	☼	10/11/25 10:28	10/12/25 11:47	1
Methylcyclohexane	0.0012	U	0.0012	0.00062	mg/Kg	☼	10/11/25 10:28	10/12/25 11:47	1
Methylene Chloride	**0.0030**		0.0025	0.0014	mg/Kg	☼	10/11/25 10:28	10/12/25 11:47	1
m-Xylene & p-Xylene	0.0012	U	0.0012	0.00052	mg/Kg	☼	10/11/25 10:28	10/12/25 11:47	1
n-Butylbenzene	0.0012	U	0.0012	0.00036	mg/Kg	☼	10/11/25 10:28	10/12/25 11:47	1
N-Propylbenzene	0.0012	U	0.0012	0.00056	mg/Kg	☼	10/11/25 10:28	10/12/25 11:47	1
o-Xylene	0.0012	U	0.0012	0.00057	mg/Kg	☼	10/11/25 10:28	10/12/25 11:47	1
sec-Butylbenzene	0.0012	U	0.0012	0.00036	mg/Kg	☼	10/11/25 10:28	10/12/25 11:47	1
Styrene	0.0012	U	0.0012	0.00034	mg/Kg	☼	10/11/25 10:28	10/12/25 11:47	1

Client Sample ID: 5B3_8-9

Lab Sample ID: 460-336761-47

Date Collected: 10/08/25 11:20
Matrix: Solid
Date Received: 10/08/25 17:00
Percent Solids: 91.3

Method: SW846 8260D - Volatile Organic Compounds by GC/MS (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
tert-Butylbenzene	0.0012	U	0.0012	0.00034	mg/Kg	☼	10/11/25 10:28	10/12/25 11:47	1
Tetrachloroethene	0.0012	U	0.0012	0.00038	mg/Kg	☼	10/11/25 10:28	10/12/25 11:47	1
Toluene	0.0012	U	0.0012	0.00029	mg/Kg	☼	10/11/25 10:28	10/12/25 11:47	1
trans-1,2-Dichloroethene	0.0012	U	0.0012	0.00031	mg/Kg	☼	10/11/25 10:28	10/12/25 11:47	1
trans-1,3-Dichloropropene	0.0012	U	0.0012	0.00033	mg/Kg	☼	10/11/25 10:28	10/12/25 11:47	1
Trichloroethene	0.0012	U	0.0012	0.00040	mg/Kg	☼	10/11/25 10:28	10/12/25 11:47	1
Trichlorofluoromethane	0.0012	U	0.0012	0.00050	mg/Kg	☼	10/11/25 10:28	10/12/25 11:47	1
Vinyl chloride	0.0012	U	0.0012	0.00068	mg/Kg	☼	10/11/25 10:28	10/12/25 11:47	1
Xylenes, Total	0.0025	U	0.0025	0.00022	mg/Kg	☼	10/11/25 10:28	10/12/25 11:47	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,2-Dichloroethane-d4 (Surr)	*87*		*65 - 138*	*10/11/25 10:28*	*10/12/25 11:47*	*1*
4-Bromofluorobenzene	*95*		*71 - 128*	*10/11/25 10:28*	*10/12/25 11:47*	*1*
Dibromofluoromethane (Surr)	*97*		*50 - 150*	*10/11/25 10:28*	*10/12/25 11:47*	*1*
Toluene-d8 (Surr)	*100*		*71 - 126*	*10/11/25 10:28*	*10/12/25 11:47*	*1*

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Percent Moisture (EPA Moisture)	**8.7**		1.0	1.0	%			10/12/25 17:49	1
Percent Solids (EPA Moisture)	**91.3**		1.0	1.0	%			10/12/25 17:49	1

Client Sample ID: 5B2_9-10

Lab Sample ID: 460-336761-48

Date Collected: 10/08/25 11:25
Matrix: Solid
Date Received: 10/08/25 17:00
Percent Solids: 91.4

Method: SW846 8260D - Volatile Organic Compounds by GC/MS

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1-Trichloroethane	0.00091	U	0.00091	0.00021	mg/Kg	☼	10/11/25 10:28	10/12/25 12:11	1
1,1,2,2-Tetrachloroethane	0.00091	U	0.00091	0.00048	mg/Kg	☼	10/11/25 10:28	10/12/25 12:11	1
1,1,2-Trichloro-1,2,2-trifluoroethane	0.00091	U	0.00091	0.00027	mg/Kg	☼	10/11/25 10:28	10/12/25 12:11	1
1,1,2-Trichloroethane	0.00091	U	0.00091	0.00055	mg/Kg	☼	10/11/25 10:28	10/12/25 12:11	1
1,1-Dichloroethane	0.00091	U	0.00091	0.00054	mg/Kg	☼	10/11/25 10:28	10/12/25 12:11	1
1,1-Dichloroethene	0.00091	U	0.00091	0.00021	mg/Kg	☼	10/11/25 10:28	10/12/25 12:11	1
1,2,3-Trichlorobenzene	0.00091	U	0.00091	0.00067	mg/Kg	☼	10/11/25 10:28	10/12/25 12:11	1
1,2,4-Trichlorobenzene	0.00091	U	0.00091	0.00033	mg/Kg	☼	10/11/25 10:28	10/12/25 12:11	1
1,2,4-Trimethylbenzene	0.00091	U	0.00091	0.00022	mg/Kg	☼	10/11/25 10:28	10/12/25 12:11	1
1,2-Dibromo-3-Chloropropane	0.00091	U	0.00091	0.00042	mg/Kg	☼	10/11/25 10:28	10/12/25 12:11	1
1,2-Dichlorobenzene	0.00091	U	0.00091	0.00033	mg/Kg	☼	10/11/25 10:28	10/12/25 12:11	1
1,2-Dichloroethane	0.00091	U	0.00091	0.00027	mg/Kg	☼	10/11/25 10:28	10/12/25 12:11	1
1,2-Dichloropropane	0.00091	U	0.00091	0.00039	mg/Kg	☼	10/11/25 10:28	10/12/25 12:11	1
1,3,5-Trimethylbenzene	0.00091	U	0.00091	0.00029	mg/Kg	☼	10/11/25 10:28	10/12/25 12:11	1
1,3-Dichlorobenzene	0.00091	U	0.00091	0.00033	mg/Kg	☼	10/11/25 10:28	10/12/25 12:11	1
1,4-Dichlorobenzene	0.00091	U	0.00091	0.00047	mg/Kg	☼	10/11/25 10:28	10/12/25 12:11	1
2-Butanone (MEK)	0.0046	U	0.0046	0.00034	mg/Kg	☼	10/11/25 10:28	10/12/25 12:11	1
2-Hexanone	0.0046	U	0.0046	0.0016	mg/Kg	☼	10/11/25 10:28	10/12/25 12:11	1
4-Methyl-2-pentanone (MIBK)	0.0046	U	0.0046	0.0014	mg/Kg	☼	10/11/25 10:28	10/12/25 12:11	1
Acetone	0.0055	U	0.0055	0.0052	mg/Kg	☼	10/11/25 10:28	10/12/25 12:11	1
Benzene	0.00091	U	0.00091	0.00052	mg/Kg	☼	10/11/25 10:28	10/12/25 12:11	1
Bromoform	0.00091	U	0.00091	0.00039	mg/Kg	☼	10/11/25 10:28	10/12/25 12:11	1
Bromomethane	0.0018	U *	0.0018	0.00091	mg/Kg	☼	10/11/25 10:28	10/12/25 12:11	1

Client: Haley & Aldrich, Inc.
Project/Site: Former Port Mobil

Job ID: 460-336761-1

Client Sample ID: 5B2_9-10
Date Collected: 10/08/25 11:25
Date Received: 10/08/25 17:00

Lab Sample ID: 460-336761-48
Matrix: Solid
Percent Solids: 91.4

Method: SW846 8260D - Volatile Organic Compounds by GC/MS (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Carbon disulfide	0.00091	U	0.00091	0.00024	mg/Kg	☼	10/11/25 10:28	10/12/25 12:11	1
Carbon tetrachloride	0.00091	U	0.00091	0.00035	mg/Kg	☼	10/11/25 10:28	10/12/25 12:11	1
Chlorobenzene	0.00091	U	0.00091	0.00046	mg/Kg	☼	10/11/25 10:28	10/12/25 12:11	1
Chlorobromomethane	0.00091	U	0.00091	0.00054	mg/Kg	☼	10/11/25 10:28	10/12/25 12:11	1
Chlorodibromomethane	0.00091	U	0.00091	0.00049	mg/Kg	☼	10/11/25 10:28	10/12/25 12:11	1
Chloroethane	0.00091	U	0.00091	0.00048	mg/Kg	☼	10/11/25 10:28	10/12/25 12:11	1
Chloroform	0.00091	U	0.00091	0.00089	mg/Kg	☼	10/11/25 10:28	10/12/25 12:11	1
Chloromethane	0.00091	U	0.00091	0.00040	mg/Kg	☼	10/11/25 10:28	10/12/25 12:11	1
cis-1,2-Dichloroethene	0.00091	U	0.00091	0.00033	mg/Kg	☼	10/11/25 10:28	10/12/25 12:11	1
cis-1,3-Dichloropropene	0.00091	U	0.00091	0.00025	mg/Kg	☼	10/11/25 10:28	10/12/25 12:11	1
Cyclohexane	0.00091	U	0.00091	0.00020	mg/Kg	☼	10/11/25 10:28	10/12/25 12:11	1
Dichlorobromomethane	0.00091	U	0.00091	0.00023	mg/Kg	☼	10/11/25 10:28	10/12/25 12:11	1
Dichlorodifluoromethane	0.00091	U	0.00091	0.00031	mg/Kg	☼	10/11/25 10:28	10/12/25 12:11	1
Ethylbenzene	0.00091	U	0.00091	0.00043	mg/Kg	☼	10/11/25 10:28	10/12/25 12:11	1
Ethylene Dibromide	0.00091	U	0.00091	0.00046	mg/Kg	☼	10/11/25 10:28	10/12/25 12:11	1
Isopropylbenzene	0.00091	U	0.00091	0.00026	mg/Kg	☼	10/11/25 10:28	10/12/25 12:11	1
Methyl acetate	0.0046	U	0.0046	0.0039	mg/Kg	☼	10/11/25 10:28	10/12/25 12:11	1
Methyl tert-butyl ether	0.00091	U	0.00091	0.00047	mg/Kg	☼	10/11/25 10:28	10/12/25 12:11	1
Methylcyclohexane	0.00091	U	0.00091	0.00045	mg/Kg	☼	10/11/25 10:28	10/12/25 12:11	1
Methylene Chloride	**0.0043**		0.0018	0.0010	mg/Kg	☼	10/11/25 10:28	10/12/25 12:11	1
m-Xylene & p-Xylene	0.00091	U	0.00091	0.00039	mg/Kg	☼	10/11/25 10:28	10/12/25 12:11	1
n-Butylbenzene	0.00091	U	0.00091	0.00027	mg/Kg	☼	10/11/25 10:28	10/12/25 12:11	1
N-Propylbenzene	0.00091	U	0.00091	0.00041	mg/Kg	☼	10/11/25 10:28	10/12/25 12:11	1
o-Xylene	0.00091	U	0.00091	0.00042	mg/Kg	☼	10/11/25 10:28	10/12/25 12:11	1
sec-Butylbenzene	0.00091	U	0.00091	0.00026	mg/Kg	☼	10/11/25 10:28	10/12/25 12:11	1
Styrene	0.00091	U	0.00091	0.00025	mg/Kg	☼	10/11/25 10:28	10/12/25 12:11	1
tert-Butylbenzene	0.00091	U	0.00091	0.00025	mg/Kg	☼	10/11/25 10:28	10/12/25 12:11	1
Tetrachloroethene	0.00091	U	0.00091	0.00028	mg/Kg	☼	10/11/25 10:28	10/12/25 12:11	1
Toluene	0.00091	U	0.00091	0.00021	mg/Kg	☼	10/11/25 10:28	10/12/25 12:11	1
trans-1,2-Dichloroethene	0.00091	U	0.00091	0.00022	mg/Kg	☼	10/11/25 10:28	10/12/25 12:11	1
trans-1,3-Dichloropropene	0.00091	U	0.00091	0.00024	mg/Kg	☼	10/11/25 10:28	10/12/25 12:11	1
Trichloroethene	0.00091	U	0.00091	0.00029	mg/Kg	☼	10/11/25 10:28	10/12/25 12:11	1
Trichlorofluoromethane	0.00091	U	0.00091	0.00037	mg/Kg	☼	10/11/25 10:28	10/12/25 12:11	1
Vinyl chloride	0.00091	U	0.00091	0.00050	mg/Kg	☼	10/11/25 10:28	10/12/25 12:11	1
Xylenes, Total	0.0018	U	0.0018	0.00016	mg/Kg	☼	10/11/25 10:28	10/12/25 12:11	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,2-Dichloroethane-d4 (Surr)	*85*		*65 - 138*	*10/11/25 10:28*	*10/12/25 12:11*	*1*
4-Bromofluorobenzene	*94*		*71 - 128*	*10/11/25 10:28*	*10/12/25 12:11*	*1*
Dibromofluoromethane (Surr)	*96*		*50 - 150*	*10/11/25 10:28*	*10/12/25 12:11*	*1*
Toluene-d8 (Surr)	*100*		*71 - 126*	*10/11/25 10:28*	*10/12/25 12:11*	*1*

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Percent Moisture (EPA Moisture)	**8.6**		1.0	1.0	%			10/12/25 17:49	1
Percent Solids (EPA Moisture)	**91.4**		1.0	1.0	%			10/12/25 17:49	1

Client Sample ID: 5C1_1-2
Date Collected: 10/08/25 11:30
Date Received: 10/08/25 17:00

Lab Sample ID: 460-336761-49
Matrix: Solid
Percent Solids: 89.3

Method: SW846 8260D - Volatile Organic Compounds by GC/MS

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1-Trichloroethane	0.0011	U	0.0011	0.00027	mg/Kg	☼	10/11/25 10:28	10/12/25 12:35	1
1,1,2,2-Tetrachloroethane	0.0011	U	0.0011	0.00059	mg/Kg	☼	10/11/25 10:28	10/12/25 12:35	1
1,1,2-Trichloro-1,2,2-trifluoroethane	0.0011	U	0.0011	0.00034	mg/Kg	☼	10/11/25 10:28	10/12/25 12:35	1
1,1,2-Trichloroethane	0.0011	U	0.0011	0.00068	mg/Kg	☼	10/11/25 10:28	10/12/25 12:35	1
1,1-Dichloroethane	0.0011	U	0.0011	0.00068	mg/Kg	☼	10/11/25 10:28	10/12/25 12:35	1
1,1-Dichloroethene	0.0011	U	0.0011	0.00026	mg/Kg	☼	10/11/25 10:28	10/12/25 12:35	1
1,2,3-Trichlorobenzene	0.0011	U	0.0011	0.00084	mg/Kg	☼	10/11/25 10:28	10/12/25 12:35	1
1,2,4-Trichlorobenzene	0.0011	U	0.0011	0.00041	mg/Kg	☼	10/11/25 10:28	10/12/25 12:35	1
1,2,4-Trimethylbenzene	0.0011	U	0.0011	0.00028	mg/Kg	☼	10/11/25 10:28	10/12/25 12:35	1
1,2-Dibromo-3-Chloropropane	0.0011	U	0.0011	0.00052	mg/Kg	☼	10/11/25 10:28	10/12/25 12:35	1
1,2-Dichlorobenzene	0.0011	U	0.0011	0.00041	mg/Kg	☼	10/11/25 10:28	10/12/25 12:35	1
1,2-Dichloroethane	0.0011	U	0.0011	0.00034	mg/Kg	☼	10/11/25 10:28	10/12/25 12:35	1
1,2-Dichloropropane	0.0011	U	0.0011	0.00048	mg/Kg	☼	10/11/25 10:28	10/12/25 12:35	1
1,3,5-Trimethylbenzene	0.0011	U	0.0011	0.00036	mg/Kg	☼	10/11/25 10:28	10/12/25 12:35	1
1,3-Dichlorobenzene	0.0011	U	0.0011	0.00042	mg/Kg	☼	10/11/25 10:28	10/12/25 12:35	1
1,4-Dichlorobenzene	0.0011	U	0.0011	0.00059	mg/Kg	☼	10/11/25 10:28	10/12/25 12:35	1
2-Butanone (MEK)	0.0057	U	0.0057	0.00042	mg/Kg	☼	10/11/25 10:28	10/12/25 12:35	1
2-Hexanone	0.0057	U	0.0057	0.0019	mg/Kg	☼	10/11/25 10:28	10/12/25 12:35	1
4-Methyl-2-pentanone (MIBK)	0.0057	U	0.0057	0.0018	mg/Kg	☼	10/11/25 10:28	10/12/25 12:35	1
Acetone	0.0068	U	0.0068	0.0065	mg/Kg	☼	10/11/25 10:28	10/12/25 12:35	1
Benzene	0.0011	U	0.0011	0.00065	mg/Kg	☼	10/11/25 10:28	10/12/25 12:35	1
Bromoform	0.0011	U	0.0011	0.00048	mg/Kg	☼	10/11/25 10:28	10/12/25 12:35	1
Bromomethane	0.0023	U *	0.0023	0.0011	mg/Kg	☼	10/11/25 10:28	10/12/25 12:35	1
Carbon disulfide	0.0011	U	0.0011	0.00030	mg/Kg	☼	10/11/25 10:28	10/12/25 12:35	1
Carbon tetrachloride	0.0011	U	0.0011	0.00044	mg/Kg	☼	10/11/25 10:28	10/12/25 12:35	1
Chlorobenzene	0.0011	U	0.0011	0.00058	mg/Kg	☼	10/11/25 10:28	10/12/25 12:35	1
Chlorobromomethane	0.0011	U	0.0011	0.00068	mg/Kg	☼	10/11/25 10:28	10/12/25 12:35	1
Chlorodibromomethane	0.0011	U	0.0011	0.00061	mg/Kg	☼	10/11/25 10:28	10/12/25 12:35	1
Chloroethane	0.0011	U	0.0011	0.00059	mg/Kg	☼	10/11/25 10:28	10/12/25 12:35	1
Chloroform	0.0011	U	0.0011	0.0011	mg/Kg	☼	10/11/25 10:28	10/12/25 12:35	1
Chloromethane	0.0011	U	0.0011	0.00049	mg/Kg	☼	10/11/25 10:28	10/12/25 12:35	1
cis-1,2-Dichloroethene	0.0011	U	0.0011	0.00041	mg/Kg	☼	10/11/25 10:28	10/12/25 12:35	1
cis-1,3-Dichloropropene	0.0011	U	0.0011	0.00031	mg/Kg	☼	10/11/25 10:28	10/12/25 12:35	1
Cyclohexane	0.0011	U	0.0011	0.00025	mg/Kg	☼	10/11/25 10:28	10/12/25 12:35	1
Dichlorobromomethane	0.0011	U	0.0011	0.00029	mg/Kg	☼	10/11/25 10:28	10/12/25 12:35	1
Dichlorodifluoromethane	0.0011	U	0.0011	0.00038	mg/Kg	☼	10/11/25 10:28	10/12/25 12:35	1
Ethylbenzene	0.0011	U	0.0011	0.00053	mg/Kg	☼	10/11/25 10:28	10/12/25 12:35	1
Ethylene Dibromide	0.0011	U	0.0011	0.00057	mg/Kg	☼	10/11/25 10:28	10/12/25 12:35	1
Isopropylbenzene	0.0011	U	0.0011	0.00032	mg/Kg	☼	10/11/25 10:28	10/12/25 12:35	1
Methyl acetate	0.0057	U	0.0057	0.0049	mg/Kg	☼	10/11/25 10:28	10/12/25 12:35	1
Methyl tert-butyl ether	0.0011	U	0.0011	0.00058	mg/Kg	☼	10/11/25 10:28	10/12/25 12:35	1
Methylcyclohexane	0.0011	U	0.0011	0.00057	mg/Kg	☼	10/11/25 10:28	10/12/25 12:35	1
Methylene Chloride	0.0023	U	0.0023	0.0013	mg/Kg	☼	10/11/25 10:28	10/12/25 12:35	1
m-Xylene & p-Xylene	0.0011	U	0.0011	0.00048	mg/Kg	☼	10/11/25 10:28	10/12/25 12:35	1
n-Butylbenzene	0.0011	U	0.0011	0.00033	mg/Kg	☼	10/11/25 10:28	10/12/25 12:35	1
N-Propylbenzene	0.0011	U	0.0011	0.00051	mg/Kg	☼	10/11/25 10:28	10/12/25 12:35	1
o-Xylene	0.0011	U	0.0011	0.00052	mg/Kg	☼	10/11/25 10:28	10/12/25 12:35	1
sec-Butylbenzene	0.0011	U	0.0011	0.00033	mg/Kg	☼	10/11/25 10:28	10/12/25 12:35	1
Styrene	0.0011	U	0.0011	0.00032	mg/Kg	☼	10/11/25 10:28	10/12/25 12:35	1

Client Sample ID: 5C1_1-2

Date Collected: 10/08/25 11:30
Date Received: 10/08/25 17:00

Lab Sample ID: 460-336761-49

Matrix: Solid
Percent Solids: 89.3

Method: SW846 8260D - Volatile Organic Compounds by GC/MS (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
tert-Butylbenzene	0.0011	U	0.0011	0.00031	mg/Kg	☼	10/11/25 10:28	10/12/25 12:35	1
Tetrachloroethene	0.0011	U	0.0011	0.00035	mg/Kg	☼	10/11/25 10:28	10/12/25 12:35	1
Toluene	0.0011	U	0.0011	0.00027	mg/Kg	☼	10/11/25 10:28	10/12/25 12:35	1
trans-1,2-Dichloroethene	0.0011	U	0.0011	0.00028	mg/Kg	☼	10/11/25 10:28	10/12/25 12:35	1
trans-1,3-Dichloropropene	0.0011	U	0.0011	0.00030	mg/Kg	☼	10/11/25 10:28	10/12/25 12:35	1
Trichloroethene	0.0011	U	0.0011	0.00037	mg/Kg	☼	10/11/25 10:28	10/12/25 12:35	1
Trichlorofluoromethane	0.0011	U	0.0011	0.00046	mg/Kg	☼	10/11/25 10:28	10/12/25 12:35	1
Vinyl chloride	0.0011	U	0.0011	0.00062	mg/Kg	☼	10/11/25 10:28	10/12/25 12:35	1
Xylenes, Total	0.0023	U	0.0023	0.00020	mg/Kg	☼	10/11/25 10:28	10/12/25 12:35	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,2-Dichloroethane-d4 (Surr)	*87*		*65 - 138*	*10/11/25 10:28*	*10/12/25 12:35*	*1*
4-Bromofluorobenzene	*92*		*71 - 128*	*10/11/25 10:28*	*10/12/25 12:35*	*1*
Dibromofluoromethane (Surr)	*97*		*50 - 150*	*10/11/25 10:28*	*10/12/25 12:35*	*1*
Toluene-d8 (Surr)	*99*		*71 - 126*	*10/11/25 10:28*	*10/12/25 12:35*	*1*

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Percent Moisture (EPA Moisture)	**10.7**		1.0	1.0	%			10/12/25 17:49	1
Percent Solids (EPA Moisture)	**89.3**		1.0	1.0	%			10/12/25 17:49	1

Client Sample ID: 5C2_3-4

Date Collected: 10/08/25 11:35
Date Received: 10/08/25 17:00

Lab Sample ID: 460-336761-50

Matrix: Solid
Percent Solids: 88.2

Method: SW846 8260D - Volatile Organic Compounds by GC/MS

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1-Trichloroethane	0.0011	U	0.0011	0.00026	mg/Kg	☼	10/11/25 10:29	10/12/25 12:59	1
1,1,2,2-Tetrachloroethane	0.0011	U	0.0011	0.00058	mg/Kg	☼	10/11/25 10:29	10/12/25 12:59	1
1,1,2-Trichloro-1,2,2-trifluoroethane	0.0011	U	0.0011	0.00033	mg/Kg	☼	10/11/25 10:29	10/12/25 12:59	1
1,1,2-Trichloroethane	0.0011	U	0.0011	0.00067	mg/Kg	☼	10/11/25 10:29	10/12/25 12:59	1
1,1-Dichloroethane	0.0011	U	0.0011	0.00066	mg/Kg	☼	10/11/25 10:29	10/12/25 12:59	1
1,1-Dichloroethene	0.0011	U	0.0011	0.00025	mg/Kg	☼	10/11/25 10:29	10/12/25 12:59	1
1,2,3-Trichlorobenzene	0.0011	U	0.0011	0.00082	mg/Kg	☼	10/11/25 10:29	10/12/25 12:59	1
1,2,4-Trichlorobenzene	0.0011	U	0.0011	0.00040	mg/Kg	☼	10/11/25 10:29	10/12/25 12:59	1
1,2,4-Trimethylbenzene	0.0011	U	0.0011	0.00027	mg/Kg	☼	10/11/25 10:29	10/12/25 12:59	1
1,2-Dibromo-3-Chloropropane	0.0011	U	0.0011	0.00051	mg/Kg	☼	10/11/25 10:29	10/12/25 12:59	1
1,2-Dichlorobenzene	0.0011	U	0.0011	0.00040	mg/Kg	☼	10/11/25 10:29	10/12/25 12:59	1
1,2-Dichloroethane	0.0011	U	0.0011	0.00033	mg/Kg	☼	10/11/25 10:29	10/12/25 12:59	1
1,2-Dichloropropane	0.0011	U	0.0011	0.00047	mg/Kg	☼	10/11/25 10:29	10/12/25 12:59	1
1,3,5-Trimethylbenzene	0.0011	U	0.0011	0.00035	mg/Kg	☼	10/11/25 10:29	10/12/25 12:59	1
1,3-Dichlorobenzene	0.0011	U	0.0011	0.00040	mg/Kg	☼	10/11/25 10:29	10/12/25 12:59	1
1,4-Dichlorobenzene	0.0011	U	0.0011	0.00058	mg/Kg	☼	10/11/25 10:29	10/12/25 12:59	1
2-Butanone (MEK)	0.0055	U	0.0055	0.00041	mg/Kg	☼	10/11/25 10:29	10/12/25 12:59	1
2-Hexanone	0.0055	U	0.0055	0.0019	mg/Kg	☼	10/11/25 10:29	10/12/25 12:59	1
4-Methyl-2-pentanone (MIBK)	0.0055	U	0.0055	0.0017	mg/Kg	☼	10/11/25 10:29	10/12/25 12:59	1
Acetone	**0.026**		0.0066	0.0063	mg/Kg	☼	10/11/25 10:29	10/12/25 12:59	1
Benzene	0.0011	U	0.0011	0.00063	mg/Kg	☼	10/11/25 10:29	10/12/25 12:59	1
Bromoform	0.0011	U	0.0011	0.00047	mg/Kg	☼	10/11/25 10:29	10/12/25 12:59	1
Bromomethane	0.0022	U *	0.0022	0.0011	mg/Kg	☼	10/11/25 10:29	10/12/25 12:59	1

Client Sample ID: 5C2_3-4
Date Collected: 10/08/25 11:35
Date Received: 10/08/25 17:00

Lab Sample ID: 460-336761-50
Matrix: Solid
Percent Solids: 88.2

Method: SW846 8260D - Volatile Organic Compounds by GC/MS (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Carbon disulfide	0.0011	U	0.0011	0.00029	mg/Kg	☼	10/11/25 10:29	10/12/25 12:59	1
Carbon tetrachloride	0.0011	U	0.0011	0.00043	mg/Kg	☼	10/11/25 10:29	10/12/25 12:59	1
Chlorobenzene	0.0011	U	0.0011	0.00056	mg/Kg	☼	10/11/25 10:29	10/12/25 12:59	1
Chlorobromomethane	0.0011	U	0.0011	0.00066	mg/Kg	☼	10/11/25 10:29	10/12/25 12:59	1
Chlorodibromomethane	0.0011	U	0.0011	0.00059	mg/Kg	☼	10/11/25 10:29	10/12/25 12:59	1
Chloroethane	0.0011	U	0.0011	0.00058	mg/Kg	☼	10/11/25 10:29	10/12/25 12:59	1
Chloroform	0.0011	U	0.0011	0.0011	mg/Kg	☼	10/11/25 10:29	10/12/25 12:59	1
Chloromethane	0.0011	U	0.0011	0.00048	mg/Kg	☼	10/11/25 10:29	10/12/25 12:59	1
cis-1,2-Dichloroethene	0.0011	U	0.0011	0.00040	mg/Kg	☼	10/11/25 10:29	10/12/25 12:59	1
cis-1,3-Dichloropropene	0.0011	U	0.0011	0.00030	mg/Kg	☼	10/11/25 10:29	10/12/25 12:59	1
Cyclohexane	0.0011	U	0.0011	0.00024	mg/Kg	☼	10/11/25 10:29	10/12/25 12:59	1
Dichlorobromomethane	0.0011	U	0.0011	0.00028	mg/Kg	☼	10/11/25 10:29	10/12/25 12:59	1
Dichlorodifluoromethane	0.0011	U	0.0011	0.00037	mg/Kg	☼	10/11/25 10:29	10/12/25 12:59	1
Ethylbenzene	0.0011	U	0.0011	0.00052	mg/Kg	☼	10/11/25 10:29	10/12/25 12:59	1
Ethylene Dibromide	0.0011	U	0.0011	0.00056	mg/Kg	☼	10/11/25 10:29	10/12/25 12:59	1
Isopropylbenzene	0.0011	U	0.0011	0.00032	mg/Kg	☼	10/11/25 10:29	10/12/25 12:59	1
Methyl acetate	0.0055	U	0.0055	0.0048	mg/Kg	☼	10/11/25 10:29	10/12/25 12:59	1
Methyl tert-butyl ether	0.0011	U	0.0011	0.00057	mg/Kg	☼	10/11/25 10:29	10/12/25 12:59	1
Methylcyclohexane	0.0011	U	0.0011	0.00055	mg/Kg	☼	10/11/25 10:29	10/12/25 12:59	1
Methylene Chloride	0.0022	U	0.0022	0.0013	mg/Kg	☼	10/11/25 10:29	10/12/25 12:59	1
m-Xylene & p-Xylene	0.0011	U	0.0011	0.00047	mg/Kg	☼	10/11/25 10:29	10/12/25 12:59	1
n-Butylbenzene	0.0011	U	0.0011	0.00033	mg/Kg	☼	10/11/25 10:29	10/12/25 12:59	1
N-Propylbenzene	0.0011	U	0.0011	0.00050	mg/Kg	☼	10/11/25 10:29	10/12/25 12:59	1
o-Xylene	0.0011	U	0.0011	0.00051	mg/Kg	☼	10/11/25 10:29	10/12/25 12:59	1
sec-Butylbenzene	0.0011	U	0.0011	0.00032	mg/Kg	☼	10/11/25 10:29	10/12/25 12:59	1
Styrene	0.0011	U	0.0011	0.00031	mg/Kg	☼	10/11/25 10:29	10/12/25 12:59	1
tert-Butylbenzene	0.0011	U	0.0011	0.00031	mg/Kg	☼	10/11/25 10:29	10/12/25 12:59	1
Tetrachloroethene	0.0011	U	0.0011	0.00034	mg/Kg	☼	10/11/25 10:29	10/12/25 12:59	1
Toluene	0.0011	U	0.0011	0.00026	mg/Kg	☼	10/11/25 10:29	10/12/25 12:59	1
trans-1,2-Dichloroethene	0.0011	U	0.0011	0.00027	mg/Kg	☼	10/11/25 10:29	10/12/25 12:59	1
trans-1,3-Dichloropropene	0.0011	U	0.0011	0.00029	mg/Kg	☼	10/11/25 10:29	10/12/25 12:59	1
Trichloroethene	0.0011	U	0.0011	0.00036	mg/Kg	☼	10/11/25 10:29	10/12/25 12:59	1
Trichlorofluoromethane	0.0011	U	0.0011	0.00045	mg/Kg	☼	10/11/25 10:29	10/12/25 12:59	1
Vinyl chloride	0.0011	U	0.0011	0.00060	mg/Kg	☼	10/11/25 10:29	10/12/25 12:59	1
Xylenes, Total	0.0022	U	0.0022	0.00019	mg/Kg	☼	10/11/25 10:29	10/12/25 12:59	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,2-Dichloroethane-d4 (Surr)	*86*		*65 - 138*	*10/11/25 10:29*	*10/12/25 12:59*	*1*
4-Bromofluorobenzene	*92*		*71 - 128*	*10/11/25 10:29*	*10/12/25 12:59*	*1*
Dibromofluoromethane (Surr)	*97*		*50 - 150*	*10/11/25 10:29*	*10/12/25 12:59*	*1*
Toluene-d8 (Surr)	*99*		*71 - 126*	*10/11/25 10:29*	*10/12/25 12:59*	*1*

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Percent Moisture (EPA Moisture)	11.8		1.0	1.0	%			10/12/25 17:49	1
Percent Solids (EPA Moisture)	88.2		1.0	1.0	%			10/12/25 17:49	1

Client Sample ID: 5C3_4-5
Date Collected: 10/08/25 11:40
Date Received: 10/08/25 17:00

Lab Sample ID: 460-336761-51
Matrix: Solid
Percent Solids: 87.9

Method: SW846 8260D - Volatile Organic Compounds by GC/MS

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1-Trichloroethane	0.0010	U	0.0010	0.00024	mg/Kg	☼	10/11/25 10:29	10/12/25 13:24	1
1,1,2,2-Tetrachloroethane	0.0010	U	0.0010	0.00054	mg/Kg	☼	10/11/25 10:29	10/12/25 13:24	1
1,1,2-Trichloro-1,2,2-trifluoroethane	0.0010	U	0.0010	0.00031	mg/Kg	☼	10/11/25 10:29	10/12/25 13:24	1
1,1,2-Trichloroethane	0.0010	U	0.0010	0.00063	mg/Kg	☼	10/11/25 10:29	10/12/25 13:24	1
1,1-Dichloroethane	0.0010	U	0.0010	0.00062	mg/Kg	☼	10/11/25 10:29	10/12/25 13:24	1
1,1-Dichloroethene	0.0010	U	0.0010	0.00023	mg/Kg	☼	10/11/25 10:29	10/12/25 13:24	1
1,2,3-Trichlorobenzene	0.0010	U	0.0010	0.00077	mg/Kg	☼	10/11/25 10:29	10/12/25 13:24	1
1,2,4-Trichlorobenzene	0.0010	U	0.0010	0.00037	mg/Kg	☼	10/11/25 10:29	10/12/25 13:24	1
1,2,4-Trimethylbenzene	0.0010	U	0.0010	0.00026	mg/Kg	☼	10/11/25 10:29	10/12/25 13:24	1
1,2-Dibromo-3-Chloropropane	0.0010	U	0.0010	0.00048	mg/Kg	☼	10/11/25 10:29	10/12/25 13:24	1
1,2-Dichlorobenzene	0.0010	U	0.0010	0.00038	mg/Kg	☼	10/11/25 10:29	10/12/25 13:24	1
1,2-Dichloroethane	0.0010	U	0.0010	0.00031	mg/Kg	☼	10/11/25 10:29	10/12/25 13:24	1
1,2-Dichloropropane	0.0010	U	0.0010	0.00044	mg/Kg	☼	10/11/25 10:29	10/12/25 13:24	1
1,3,5-Trimethylbenzene	0.0010	U	0.0010	0.00033	mg/Kg	☼	10/11/25 10:29	10/12/25 13:24	1
1,3-Dichlorobenzene	0.0010	U	0.0010	0.00038	mg/Kg	☼	10/11/25 10:29	10/12/25 13:24	1
1,4-Dichlorobenzene	0.0010	U	0.0010	0.00054	mg/Kg	☼	10/11/25 10:29	10/12/25 13:24	1
2-Butanone (MEK)	0.0052	U	0.0052	0.00038	mg/Kg	☼	10/11/25 10:29	10/12/25 13:24	1
2-Hexanone	0.0052	U	0.0052	0.0018	mg/Kg	☼	10/11/25 10:29	10/12/25 13:24	1
4-Methyl-2-pentanone (MIBK)	0.0052	U	0.0052	0.0016	mg/Kg	☼	10/11/25 10:29	10/12/25 13:24	1
Acetone	**0.017**		0.0062	0.0059	mg/Kg	☼	10/11/25 10:29	10/12/25 13:24	1
Benzene	0.0010	U	0.0010	0.00059	mg/Kg	☼	10/11/25 10:29	10/12/25 13:24	1
Bromoform	0.0010	U	0.0010	0.00044	mg/Kg	☼	10/11/25 10:29	10/12/25 13:24	1
Bromomethane	0.0021	U *	0.0021	0.0010	mg/Kg	☼	10/11/25 10:29	10/12/25 13:24	1
Carbon disulfide	0.0010	U	0.0010	0.00028	mg/Kg	☼	10/11/25 10:29	10/12/25 13:24	1
Carbon tetrachloride	0.0010	U	0.0010	0.00040	mg/Kg	☼	10/11/25 10:29	10/12/25 13:24	1
Chlorobenzene	0.0010	U	0.0010	0.00053	mg/Kg	☼	10/11/25 10:29	10/12/25 13:24	1
Chlorobromomethane	0.0010	U	0.0010	0.00062	mg/Kg	☼	10/11/25 10:29	10/12/25 13:24	1
Chlorodibromomethane	0.0010	U	0.0010	0.00056	mg/Kg	☼	10/11/25 10:29	10/12/25 13:24	1
Chloroethane	0.0010	U	0.0010	0.00054	mg/Kg	☼	10/11/25 10:29	10/12/25 13:24	1
Chloroform	0.0010	U	0.0010	0.0010	mg/Kg	☼	10/11/25 10:29	10/12/25 13:24	1
Chloromethane	0.0010	U	0.0010	0.00045	mg/Kg	☼	10/11/25 10:29	10/12/25 13:24	1
cis-1,2-Dichloroethene	0.0010	U	0.0010	0.00037	mg/Kg	☼	10/11/25 10:29	10/12/25 13:24	1
cis-1,3-Dichloropropene	0.0010	U	0.0010	0.00028	mg/Kg	☼	10/11/25 10:29	10/12/25 13:24	1
Cyclohexane	0.0010	U	0.0010	0.00023	mg/Kg	☼	10/11/25 10:29	10/12/25 13:24	1
Dichlorobromomethane	0.0010	U	0.0010	0.00027	mg/Kg	☼	10/11/25 10:29	10/12/25 13:24	1
Dichlorodifluoromethane	0.0010	U	0.0010	0.00035	mg/Kg	☼	10/11/25 10:29	10/12/25 13:24	1
Ethylbenzene	0.0010	U	0.0010	0.00049	mg/Kg	☼	10/11/25 10:29	10/12/25 13:24	1
Ethylene Dibromide	0.0010	U	0.0010	0.00052	mg/Kg	☼	10/11/25 10:29	10/12/25 13:24	1
Isopropylbenzene	0.0010	U	0.0010	0.00030	mg/Kg	☼	10/11/25 10:29	10/12/25 13:24	1
Methyl acetate	0.0052	U	0.0052	0.0045	mg/Kg	☼	10/11/25 10:29	10/12/25 13:24	1
Methyl tert-butyl ether	0.0010	U	0.0010	0.00053	mg/Kg	☼	10/11/25 10:29	10/12/25 13:24	1
Methylcyclohexane	0.0010	U	0.0010	0.00052	mg/Kg	☼	10/11/25 10:29	10/12/25 13:24	1
Methylene Chloride	0.0021	U	0.0021	0.0012	mg/Kg	☼	10/11/25 10:29	10/12/25 13:24	1
m-Xylene & p-Xylene	0.0010	U	0.0010	0.00044	mg/Kg	☼	10/11/25 10:29	10/12/25 13:24	1
n-Butylbenzene	0.0010	U	0.0010	0.00031	mg/Kg	☼	10/11/25 10:29	10/12/25 13:24	1
N-Propylbenzene	0.0010	U	0.0010	0.00047	mg/Kg	☼	10/11/25 10:29	10/12/25 13:24	1
o-Xylene	0.0010	U	0.0010	0.00048	mg/Kg	☼	10/11/25 10:29	10/12/25 13:24	1
sec-Butylbenzene	0.0010	U	0.0010	0.00030	mg/Kg	☼	10/11/25 10:29	10/12/25 13:24	1
Styrene	0.0010	U	0.0010	0.00029	mg/Kg	☼	10/11/25 10:29	10/12/25 13:24	1

Client Sample ID: 5C3_4-5

Date Collected: 10/08/25 11:40
Date Received: 10/08/25 17:00

Lab Sample ID: 460-336761-51

Matrix: Solid
Percent Solids: 87.9

Method: SW846 8260D - Volatile Organic Compounds by GC/MS (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
tert-Butylbenzene	0.0010	U	0.0010	0.00029	mg/Kg	☼	10/11/25 10:29	10/12/25 13:24	1
Tetrachloroethene	0.0010	U	0.0010	0.00032	mg/Kg	☼	10/11/25 10:29	10/12/25 13:24	1
Toluene	0.0010	U	0.0010	0.00024	mg/Kg	☼	10/11/25 10:29	10/12/25 13:24	1
trans-1,2-Dichloroethene	0.0010	U	0.0010	0.00026	mg/Kg	☼	10/11/25 10:29	10/12/25 13:24	1
trans-1,3-Dichloropropene	0.0010	U	0.0010	0.00028	mg/Kg	☼	10/11/25 10:29	10/12/25 13:24	1
Trichloroethene	0.0010	U	0.0010	0.00033	mg/Kg	☼	10/11/25 10:29	10/12/25 13:24	1
Trichlorofluoromethane	0.0010	U	0.0010	0.00042	mg/Kg	☼	10/11/25 10:29	10/12/25 13:24	1
Vinyl chloride	0.0010	U	0.0010	0.00057	mg/Kg	☼	10/11/25 10:29	10/12/25 13:24	1
Xylenes, Total	0.0021	U	0.0021	0.00018	mg/Kg	☼	10/11/25 10:29	10/12/25 13:24	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,2-Dichloroethane-d4 (Surr)	*86*		*65 - 138*	*10/11/25 10:29*	*10/12/25 13:24*	*1*
4-Bromofluorobenzene	*95*		*71 - 128*	*10/11/25 10:29*	*10/12/25 13:24*	*1*
Dibromofluoromethane (Surr)	*99*		*50 - 150*	*10/11/25 10:29*	*10/12/25 13:24*	*1*
Toluene-d8 (Surr)	*100*		*71 - 126*	*10/11/25 10:29*	*10/12/25 13:24*	*1*

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Percent Moisture (EPA Moisture)	**12.1**		1.0	1.0	%			10/12/25 17:49	1
Percent Solids (EPA Moisture)	**87.9**		1.0	1.0	%			10/12/25 17:49	1

Client Sample ID: 5C1_5-6

Date Collected: 10/08/25 11:45
Date Received: 10/08/25 17:00

Lab Sample ID: 460-336761-52

Matrix: Solid
Percent Solids: 86.7

Method: SW846 8260D - Volatile Organic Compounds by GC/MS

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1-Trichloroethane	0.0012	U	0.0012	0.00028	mg/Kg	☼	10/11/25 10:29	10/12/25 13:48	1
1,1,2,2-Tetrachloroethane	0.0012	U	0.0012	0.00062	mg/Kg	☼	10/11/25 10:29	10/12/25 13:48	1
1,1,2-Trichloro-1,2,2-trifluoroethane	0.0012	U	0.0012	0.00036	mg/Kg	☼	10/11/25 10:29	10/12/25 13:48	1
1,1,2-Trichloroethane	0.0012	U	0.0012	0.00071	mg/Kg	☼	10/11/25 10:29	10/12/25 13:48	1
1,1-Dichloroethane	0.0012	U	0.0012	0.00071	mg/Kg	☼	10/11/25 10:29	10/12/25 13:48	1
1,1-Dichloroethene	0.0012	U	0.0012	0.00027	mg/Kg	☼	10/11/25 10:29	10/12/25 13:48	1
1,2,3-Trichlorobenzene	0.0012	U	0.0012	0.00088	mg/Kg	☼	10/11/25 10:29	10/12/25 13:48	1
1,2,4-Trichlorobenzene	0.0012	U	0.0012	0.00042	mg/Kg	☼	10/11/25 10:29	10/12/25 13:48	1
1,2,4-Trimethylbenzene	0.0012	U	0.0012	0.00029	mg/Kg	☼	10/11/25 10:29	10/12/25 13:48	1
1,2-Dibromo-3-Chloropropane	0.0012	U	0.0012	0.00055	mg/Kg	☼	10/11/25 10:29	10/12/25 13:48	1
1,2-Dichlorobenzene	0.0012	U	0.0012	0.00043	mg/Kg	☼	10/11/25 10:29	10/12/25 13:48	1
1,2-Dichloroethane	0.0012	U	0.0012	0.00035	mg/Kg	☼	10/11/25 10:29	10/12/25 13:48	1
1,2-Dichloropropane	0.0012	U	0.0012	0.00050	mg/Kg	☼	10/11/25 10:29	10/12/25 13:48	1
1,3,5-Trimethylbenzene	0.0012	U	0.0012	0.00037	mg/Kg	☼	10/11/25 10:29	10/12/25 13:48	1
1,3-Dichlorobenzene	0.0012	U	0.0012	0.00043	mg/Kg	☼	10/11/25 10:29	10/12/25 13:48	1
1,4-Dichlorobenzene	0.0012	U	0.0012	0.00062	mg/Kg	☼	10/11/25 10:29	10/12/25 13:48	1
2-Butanone (MEK)	0.0059	U	0.0059	0.00044	mg/Kg	☼	10/11/25 10:29	10/12/25 13:48	1
2-Hexanone	0.0059	U	0.0059	0.0020	mg/Kg	☼	10/11/25 10:29	10/12/25 13:48	1
4-Methyl-2-pentanone (MIBK)	0.0059	U	0.0059	0.0018	mg/Kg	☼	10/11/25 10:29	10/12/25 13:48	1
Acetone	0.0071	U	0.0071	0.0068	mg/Kg	☼	10/11/25 10:29	10/12/25 13:48	1
Benzene	0.0012	U	0.0012	0.00067	mg/Kg	☼	10/11/25 10:29	10/12/25 13:48	1
Bromoform	0.0012	U	0.0012	0.00050	mg/Kg	☼	10/11/25 10:29	10/12/25 13:48	1
Bromomethane	0.0024	U *	0.0024	0.0012	mg/Kg	☼	10/11/25 10:29	10/12/25 13:48	1

Client Sample ID: 5C1_5-6
Date Collected: 10/08/25 11:45
Date Received: 10/08/25 17:00

Lab Sample ID: 460-336761-52
Matrix: Solid
Percent Solids: 86.7

Method: SW846 8260D - Volatile Organic Compounds by GC/MS (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Carbon disulfide	0.0012	U	0.0012	0.00032	mg/Kg	☼	10/11/25 10:29	10/12/25 13:48	1
Carbon tetrachloride	0.0012	U	0.0012	0.00046	mg/Kg	☼	10/11/25 10:29	10/12/25 13:48	1
Chlorobenzene	0.0012	U	0.0012	0.00060	mg/Kg	☼	10/11/25 10:29	10/12/25 13:48	1
Chlorobromomethane	0.0012	U	0.0012	0.00071	mg/Kg	☼	10/11/25 10:29	10/12/25 13:48	1
Chlorodibromomethane	0.0012	U	0.0012	0.00064	mg/Kg	☼	10/11/25 10:29	10/12/25 13:48	1
Chloroethane	0.0012	U	0.0012	0.00062	mg/Kg	☼	10/11/25 10:29	10/12/25 13:48	1
Chloroform	0.0012	U	0.0012	0.0012	mg/Kg	☼	10/11/25 10:29	10/12/25 13:48	1
Chloromethane	0.0012	U	0.0012	0.00052	mg/Kg	☼	10/11/25 10:29	10/12/25 13:48	1
cis-1,2-Dichloroethene	0.0012	U	0.0012	0.00042	mg/Kg	☼	10/11/25 10:29	10/12/25 13:48	1
cis-1,3-Dichloropropene	0.0012	U	0.0012	0.00032	mg/Kg	☼	10/11/25 10:29	10/12/25 13:48	1
Cyclohexane	0.0012	U	0.0012	0.00026	mg/Kg	☼	10/11/25 10:29	10/12/25 13:48	1
Dichlorobromomethane	0.0012	U	0.0012	0.00031	mg/Kg	☼	10/11/25 10:29	10/12/25 13:48	1
Dichlorodifluoromethane	0.0012	U	0.0012	0.00040	mg/Kg	☼	10/11/25 10:29	10/12/25 13:48	1
Ethylbenzene	0.0012	U	0.0012	0.00056	mg/Kg	☼	10/11/25 10:29	10/12/25 13:48	1
Ethylene Dibromide	0.0012	U	0.0012	0.00060	mg/Kg	☼	10/11/25 10:29	10/12/25 13:48	1
Isopropylbenzene	0.0012	U	0.0012	0.00034	mg/Kg	☼	10/11/25 10:29	10/12/25 13:48	1
Methyl acetate	0.0059	U	0.0059	0.0051	mg/Kg	☼	10/11/25 10:29	10/12/25 13:48	1
Methyl tert-butyl ether	0.0012	U	0.0012	0.00061	mg/Kg	☼	10/11/25 10:29	10/12/25 13:48	1
Methylcyclohexane	0.0012	U	0.0012	0.00059	mg/Kg	☼	10/11/25 10:29	10/12/25 13:48	1
Methylene Chloride	0.0024	U	0.0024	0.0014	mg/Kg	☼	10/11/25 10:29	10/12/25 13:48	1
m-Xylene & p-Xylene	0.0012	U	0.0012	0.00050	mg/Kg	☼	10/11/25 10:29	10/12/25 13:48	1
n-Butylbenzene	0.0012	U	0.0012	0.00035	mg/Kg	☼	10/11/25 10:29	10/12/25 13:48	1
N-Propylbenzene	0.0012	U	0.0012	0.00053	mg/Kg	☼	10/11/25 10:29	10/12/25 13:48	1
o-Xylene	0.0012	U	0.0012	0.00055	mg/Kg	☼	10/11/25 10:29	10/12/25 13:48	1
sec-Butylbenzene	0.0012	U	0.0012	0.00034	mg/Kg	☼	10/11/25 10:29	10/12/25 13:48	1
Styrene	0.0012	U	0.0012	0.00033	mg/Kg	☼	10/11/25 10:29	10/12/25 13:48	1
tert-Butylbenzene	0.0012	U	0.0012	0.00033	mg/Kg	☼	10/11/25 10:29	10/12/25 13:48	1
Tetrachloroethene	0.0012	U	0.0012	0.00036	mg/Kg	☼	10/11/25 10:29	10/12/25 13:48	1
Toluene	0.0012	U	0.0012	0.00028	mg/Kg	☼	10/11/25 10:29	10/12/25 13:48	1
trans-1,2-Dichloroethene	0.0012	U	0.0012	0.00029	mg/Kg	☼	10/11/25 10:29	10/12/25 13:48	1
trans-1,3-Dichloropropene	0.0012	U	0.0012	0.00032	mg/Kg	☼	10/11/25 10:29	10/12/25 13:48	1
Trichloroethene	0.0012	U	0.0012	0.00038	mg/Kg	☼	10/11/25 10:29	10/12/25 13:48	1
Trichlorofluoromethane	0.0012	U	0.0012	0.00048	mg/Kg	☼	10/11/25 10:29	10/12/25 13:48	1
Vinyl chloride	0.0012	U	0.0012	0.00065	mg/Kg	☼	10/11/25 10:29	10/12/25 13:48	1
Xylenes, Total	0.0024	U	0.0024	0.00021	mg/Kg	☼	10/11/25 10:29	10/12/25 13:48	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,2-Dichloroethane-d4 (Surr)	*86*		*65 - 138*	*10/11/25 10:29*	*10/12/25 13:48*	*1*
4-Bromofluorobenzene	*95*		*71 - 128*	*10/11/25 10:29*	*10/12/25 13:48*	*1*
Dibromofluoromethane (Surr)	*98*		*50 - 150*	*10/11/25 10:29*	*10/12/25 13:48*	*1*
Toluene-d8 (Surr)	*100*		*71 - 126*	*10/11/25 10:29*	*10/12/25 13:48*	*1*

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Percent Moisture (EPA Moisture)	**13.3**		1.0	1.0	%			10/12/25 17:49	1
Percent Solids (EPA Moisture)	**86.7**		1.0	1.0	%			10/12/25 17:49	1

Client Sample ID: 5C2_6-7
Date Collected: 10/08/25 11:50
Date Received: 10/08/25 17:00

Lab Sample ID: 460-336761-53
Matrix: Solid
Percent Solids: 86.9

Method: SW846 8260D - Volatile Organic Compounds by GC/MS

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1-Trichloroethane	0.0012	U	0.0012	0.00028	mg/Kg	☼	10/11/25 10:30	10/12/25 14:12	1
1,1,2,2-Tetrachloroethane	0.0012	U	0.0012	0.00062	mg/Kg	☼	10/11/25 10:30	10/12/25 14:12	1
1,1,2-Trichloro-1,2,2-trifluoroethane	0.0012	U	0.0012	0.00036	mg/Kg	☼	10/11/25 10:30	10/12/25 14:12	1
1,1,2-Trichloroethane	0.0012	U	0.0012	0.00071	mg/Kg	☼	10/11/25 10:30	10/12/25 14:12	1
1,1-Dichloroethane	0.0012	U	0.0012	0.00071	mg/Kg	☼	10/11/25 10:30	10/12/25 14:12	1
1,1-Dichloroethene	0.0012	U	0.0012	0.00027	mg/Kg	☼	10/11/25 10:30	10/12/25 14:12	1
1,2,3-Trichlorobenzene	0.0012	U	0.0012	0.00088	mg/Kg	☼	10/11/25 10:30	10/12/25 14:12	1
1,2,4-Trichlorobenzene	0.0012	U	0.0012	0.00042	mg/Kg	☼	10/11/25 10:30	10/12/25 14:12	1
1,2,4-Trimethylbenzene	0.0012	U	0.0012	0.00029	mg/Kg	☼	10/11/25 10:30	10/12/25 14:12	1
1,2-Dibromo-3-Chloropropane	0.0012	U	0.0012	0.00055	mg/Kg	☼	10/11/25 10:30	10/12/25 14:12	1
1,2-Dichlorobenzene	0.0012	U	0.0012	0.00043	mg/Kg	☼	10/11/25 10:30	10/12/25 14:12	1
1,2-Dichloroethane	0.0012	U	0.0012	0.00035	mg/Kg	☼	10/11/25 10:30	10/12/25 14:12	1
1,2-Dichloropropane	0.0012	U	0.0012	0.00050	mg/Kg	☼	10/11/25 10:30	10/12/25 14:12	1
1,3,5-Trimethylbenzene	0.0012	U	0.0012	0.00037	mg/Kg	☼	10/11/25 10:30	10/12/25 14:12	1
1,3-Dichlorobenzene	0.0012	U	0.0012	0.00043	mg/Kg	☼	10/11/25 10:30	10/12/25 14:12	1
1,4-Dichlorobenzene	0.0012	U	0.0012	0.00062	mg/Kg	☼	10/11/25 10:30	10/12/25 14:12	1
2-Butanone (MEK)	0.0059	U	0.0059	0.00044	mg/Kg	☼	10/11/25 10:30	10/12/25 14:12	1
2-Hexanone	0.0059	U	0.0059	0.0020	mg/Kg	☼	10/11/25 10:30	10/12/25 14:12	1
4-Methyl-2-pentanone (MIBK)	0.0059	U	0.0059	0.0018	mg/Kg	☼	10/11/25 10:30	10/12/25 14:12	1
Acetone	0.0071	U	0.0071	0.0068	mg/Kg	☼	10/11/25 10:30	10/12/25 14:12	1
Benzene	0.0012	U	0.0012	0.00067	mg/Kg	☼	10/11/25 10:30	10/12/25 14:12	1
Bromoform	0.0012	U	0.0012	0.00050	mg/Kg	☼	10/11/25 10:30	10/12/25 14:12	1
Bromomethane	0.0024	U *	0.0024	0.0012	mg/Kg	☼	10/11/25 10:30	10/12/25 14:12	1
Carbon disulfide	0.0012	U	0.0012	0.00032	mg/Kg	☼	10/11/25 10:30	10/12/25 14:12	1
Carbon tetrachloride	0.0012	U	0.0012	0.00046	mg/Kg	☼	10/11/25 10:30	10/12/25 14:12	1
Chlorobenzene	0.0012	U	0.0012	0.00060	mg/Kg	☼	10/11/25 10:30	10/12/25 14:12	1
Chlorobromomethane	0.0012	U	0.0012	0.00071	mg/Kg	☼	10/11/25 10:30	10/12/25 14:12	1
Chlorodibromomethane	0.0012	U	0.0012	0.00064	mg/Kg	☼	10/11/25 10:30	10/12/25 14:12	1
Chloroethane	0.0012	U	0.0012	0.00062	mg/Kg	☼	10/11/25 10:30	10/12/25 14:12	1
Chloroform	0.0012	U	0.0012	0.0012	mg/Kg	☼	10/11/25 10:30	10/12/25 14:12	1
Chloromethane	0.0012	U	0.0012	0.00052	mg/Kg	☼	10/11/25 10:30	10/12/25 14:12	1
cis-1,2-Dichloroethene	0.0012	U	0.0012	0.00042	mg/Kg	☼	10/11/25 10:30	10/12/25 14:12	1
cis-1,3-Dichloropropene	0.0012	U	0.0012	0.00032	mg/Kg	☼	10/11/25 10:30	10/12/25 14:12	1
Cyclohexane	0.0012	U	0.0012	0.00026	mg/Kg	☼	10/11/25 10:30	10/12/25 14:12	1
Dichlorobromomethane	0.0012	U	0.0012	0.00030	mg/Kg	☼	10/11/25 10:30	10/12/25 14:12	1
Dichlorodifluoromethane	0.0012	U	0.0012	0.00040	mg/Kg	☼	10/11/25 10:30	10/12/25 14:12	1
Ethylbenzene	0.0012	U	0.0012	0.00056	mg/Kg	☼	10/11/25 10:30	10/12/25 14:12	1
Ethylene Dibromide	0.0012	U	0.0012	0.00060	mg/Kg	☼	10/11/25 10:30	10/12/25 14:12	1
Isopropylbenzene	0.0012	U	0.0012	0.00034	mg/Kg	☼	10/11/25 10:30	10/12/25 14:12	1
Methyl acetate	0.0059	U	0.0059	0.0051	mg/Kg	☼	10/11/25 10:30	10/12/25 14:12	1
Methyl tert-butyl ether	0.0012	U	0.0012	0.00061	mg/Kg	☼	10/11/25 10:30	10/12/25 14:12	1
Methylcyclohexane	0.0012	U	0.0012	0.00059	mg/Kg	☼	10/11/25 10:30	10/12/25 14:12	1
Methylene Chloride	**0.0015**	**J**	0.0024	0.0014	mg/Kg	☼	10/11/25 10:30	10/12/25 14:12	1
m-Xylene & p-Xylene	0.0012	U	0.0012	0.00050	mg/Kg	☼	10/11/25 10:30	10/12/25 14:12	1
n-Butylbenzene	0.0012	U	0.0012	0.00035	mg/Kg	☼	10/11/25 10:30	10/12/25 14:12	1
N-Propylbenzene	0.0012	U	0.0012	0.00053	mg/Kg	☼	10/11/25 10:30	10/12/25 14:12	1
o-Xylene	0.0012	U	0.0012	0.00055	mg/Kg	☼	10/11/25 10:30	10/12/25 14:12	1
sec-Butylbenzene	0.0012	U	0.0012	0.00034	mg/Kg	☼	10/11/25 10:30	10/12/25 14:12	1
Styrene	0.0012	U	0.0012	0.00033	mg/Kg	☼	10/11/25 10:30	10/12/25 14:12	1

Client Sample ID: 5C2_6-7

Lab Sample ID: 460-336761-53

Date Collected: 10/08/25 11:50
Matrix: Solid
Date Received: 10/08/25 17:00
Percent Solids: 86.9

Method: SW846 8260D - Volatile Organic Compounds by GC/MS (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
tert-Butylbenzene	0.0012	U	0.0012	0.00033	mg/Kg	☼	10/11/25 10:30	10/12/25 14:12	1
Tetrachloroethene	0.0012	U	0.0012	0.00036	mg/Kg	☼	10/11/25 10:30	10/12/25 14:12	1
Toluene	0.0012	U	0.0012	0.00028	mg/Kg	☼	10/11/25 10:30	10/12/25 14:12	1
trans-1,2-Dichloroethene	0.0012	U	0.0012	0.00029	mg/Kg	☼	10/11/25 10:30	10/12/25 14:12	1
trans-1,3-Dichloropropene	0.0012	U	0.0012	0.00032	mg/Kg	☼	10/11/25 10:30	10/12/25 14:12	1
Trichloroethene	0.0012	U	0.0012	0.00038	mg/Kg	☼	10/11/25 10:30	10/12/25 14:12	1
Trichlorofluoromethane	0.0012	U	0.0012	0.00048	mg/Kg	☼	10/11/25 10:30	10/12/25 14:12	1
Vinyl chloride	0.0012	U	0.0012	0.00065	mg/Kg	☼	10/11/25 10:30	10/12/25 14:12	1
Xylenes, Total	0.0024	U	0.0024	0.00021	mg/Kg	☼	10/11/25 10:30	10/12/25 14:12	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,2-Dichloroethane-d4 (Surr)	*85*		*65 - 138*	*10/11/25 10:30*	*10/12/25 14:12*	*1*
4-Bromofluorobenzene	*94*		*71 - 128*	*10/11/25 10:30*	*10/12/25 14:12*	*1*
Dibromofluoromethane (Surr)	*98*		*50 - 150*	*10/11/25 10:30*	*10/12/25 14:12*	*1*
Toluene-d8 (Surr)	*100*		*71 - 126*	*10/11/25 10:30*	*10/12/25 14:12*	*1*

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Percent Moisture (EPA Moisture)	**13.1**		1.0	1.0	%			10/12/25 17:49	1
Percent Solids (EPA Moisture)	**86.9**		1.0	1.0	%			10/12/25 17:49	1

Client Sample ID: 5C3_8-9

Lab Sample ID: 460-336761-54

Date Collected: 10/08/25 11:55
Matrix: Solid
Date Received: 10/08/25 17:00
Percent Solids: 87.9

Method: SW846 8260D - Volatile Organic Compounds by GC/MS

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1-Trichloroethane	0.0012	U	0.0012	0.00028	mg/Kg	☼	10/11/25 10:30	10/12/25 14:36	1
1,1,2,2-Tetrachloroethane	0.0012	U	0.0012	0.00063	mg/Kg	☼	10/11/25 10:30	10/12/25 14:36	1
1,1,2-Trichloro-1,2,2-trifluoroethane	0.0012	U	0.0012	0.00036	mg/Kg	☼	10/11/25 10:30	10/12/25 14:36	1
1,1,2-Trichloroethane	0.0012	U	0.0012	0.00072	mg/Kg	☼	10/11/25 10:30	10/12/25 14:36	1
1,1-Dichloroethane	0.0012	U	0.0012	0.00072	mg/Kg	☼	10/11/25 10:30	10/12/25 14:36	1
1,1-Dichloroethene	0.0012	U	0.0012	0.00027	mg/Kg	☼	10/11/25 10:30	10/12/25 14:36	1
1,2,3-Trichlorobenzene	0.0012	U	0.0012	0.00089	mg/Kg	☼	10/11/25 10:30	10/12/25 14:36	1
1,2,4-Trichlorobenzene	0.0012	U	0.0012	0.00043	mg/Kg	☼	10/11/25 10:30	10/12/25 14:36	1
1,2,4-Trimethylbenzene	0.0012	U	0.0012	0.00030	mg/Kg	☼	10/11/25 10:30	10/12/25 14:36	1
1,2-Dibromo-3-Chloropropane	0.0012	U	0.0012	0.00055	mg/Kg	☼	10/11/25 10:30	10/12/25 14:36	1
1,2-Dichlorobenzene	0.0012	U	0.0012	0.00043	mg/Kg	☼	10/11/25 10:30	10/12/25 14:36	1
1,2-Dichloroethane	0.0012	U	0.0012	0.00036	mg/Kg	☼	10/11/25 10:30	10/12/25 14:36	1
1,2-Dichloropropane	0.0012	U	0.0012	0.00051	mg/Kg	☼	10/11/25 10:30	10/12/25 14:36	1
1,3,5-Trimethylbenzene	0.0012	U	0.0012	0.00038	mg/Kg	☼	10/11/25 10:30	10/12/25 14:36	1
1,3-Dichlorobenzene	0.0012	U	0.0012	0.00044	mg/Kg	☼	10/11/25 10:30	10/12/25 14:36	1
1,4-Dichlorobenzene	0.0012	U	0.0012	0.00062	mg/Kg	☼	10/11/25 10:30	10/12/25 14:36	1
2-Butanone (MEK)	0.0060	U	0.0060	0.00044	mg/Kg	☼	10/11/25 10:30	10/12/25 14:36	1
2-Hexanone	0.0060	U	0.0060	0.0021	mg/Kg	☼	10/11/25 10:30	10/12/25 14:36	1
4-Methyl-2-pentanone (MIBK)	0.0060	U	0.0060	0.0019	mg/Kg	☼	10/11/25 10:30	10/12/25 14:36	1
Acetone	0.0072	U	0.0072	0.0069	mg/Kg	☼	10/11/25 10:30	10/12/25 14:36	1
Benzene	0.0012	U	0.0012	0.00068	mg/Kg	☼	10/11/25 10:30	10/12/25 14:36	1
Bromoform	0.0012	U	0.0012	0.00051	mg/Kg	☼	10/11/25 10:30	10/12/25 14:36	1
Bromomethane	0.0024	U *	0.0024	0.0012	mg/Kg	☼	10/11/25 10:30	10/12/25 14:36	1

Client Sample ID: 5C3_8-9
Date Collected: 10/08/25 11:55
Date Received: 10/08/25 17:00

Lab Sample ID: 460-336761-54
Matrix: Solid
Percent Solids: 87.9

Method: SW846 8260D - Volatile Organic Compounds by GC/MS (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Carbon disulfide	0.0012	U	0.0012	0.00032	mg/Kg	☼	10/11/25 10:30	10/12/25 14:36	1
Carbon tetrachloride	0.0012	U	0.0012	0.00047	mg/Kg	☼	10/11/25 10:30	10/12/25 14:36	1
Chlorobenzene	0.0012	U	0.0012	0.00061	mg/Kg	☼	10/11/25 10:30	10/12/25 14:36	1
Chlorobromomethane	0.0012	U	0.0012	0.00072	mg/Kg	☼	10/11/25 10:30	10/12/25 14:36	1
Chlorodibromomethane	0.0012	U	0.0012	0.00065	mg/Kg	☼	10/11/25 10:30	10/12/25 14:36	1
Chloroethane	0.0012	U	0.0012	0.00063	mg/Kg	☼	10/11/25 10:30	10/12/25 14:36	1
Chloroform	0.0012	U	0.0012	0.0012	mg/Kg	☼	10/11/25 10:30	10/12/25 14:36	1
Chloromethane	0.0012	U	0.0012	0.00052	mg/Kg	☼	10/11/25 10:30	10/12/25 14:36	1
cis-1,2-Dichloroethene	0.0012	U	0.0012	0.00043	mg/Kg	☼	10/11/25 10:30	10/12/25 14:36	1
cis-1,3-Dichloropropene	0.0012	U	0.0012	0.00033	mg/Kg	☼	10/11/25 10:30	10/12/25 14:36	1
Cyclohexane	0.0012	U	0.0012	0.00027	mg/Kg	☼	10/11/25 10:30	10/12/25 14:36	1
Dichlorobromomethane	0.0012	U	0.0012	0.00031	mg/Kg	☼	10/11/25 10:30	10/12/25 14:36	1
Dichlorodifluoromethane	0.0012	U	0.0012	0.00041	mg/Kg	☼	10/11/25 10:30	10/12/25 14:36	1
Ethylbenzene	0.0012	U	0.0012	0.00056	mg/Kg	☼	10/11/25 10:30	10/12/25 14:36	1
Ethylene Dibromide	0.0012	U	0.0012	0.00061	mg/Kg	☼	10/11/25 10:30	10/12/25 14:36	1
Isopropylbenzene	0.0012	U	0.0012	0.00034	mg/Kg	☼	10/11/25 10:30	10/12/25 14:36	1
Methyl acetate	0.0060	U	0.0060	0.0052	mg/Kg	☼	10/11/25 10:30	10/12/25 14:36	1
Methyl tert-butyl ether	0.0012	U	0.0012	0.00062	mg/Kg	☼	10/11/25 10:30	10/12/25 14:36	1
Methylcyclohexane	0.0012	U	0.0012	0.00060	mg/Kg	☼	10/11/25 10:30	10/12/25 14:36	1
Methylene Chloride	0.0024	U	0.0024	0.0014	mg/Kg	☼	10/11/25 10:30	10/12/25 14:36	1
m-Xylene & p-Xylene	0.0012	U	0.0012	0.00051	mg/Kg	☼	10/11/25 10:30	10/12/25 14:36	1
n-Butylbenzene	0.0012	U	0.0012	0.00035	mg/Kg	☼	10/11/25 10:30	10/12/25 14:36	1
N-Propylbenzene	0.0012	U	0.0012	0.00054	mg/Kg	☼	10/11/25 10:30	10/12/25 14:36	1
o-Xylene	0.0012	U	0.0012	0.00055	mg/Kg	☼	10/11/25 10:30	10/12/25 14:36	1
sec-Butylbenzene	0.0012	U	0.0012	0.00035	mg/Kg	☼	10/11/25 10:30	10/12/25 14:36	1
Styrene	0.0012	U	0.0012	0.00033	mg/Kg	☼	10/11/25 10:30	10/12/25 14:36	1
tert-Butylbenzene	0.0012	U	0.0012	0.00033	mg/Kg	☼	10/11/25 10:30	10/12/25 14:36	1
Tetrachloroethene	0.0012	U	0.0012	0.00037	mg/Kg	☼	10/11/25 10:30	10/12/25 14:36	1
Toluene	0.0012	U	0.0012	0.00028	mg/Kg	☼	10/11/25 10:30	10/12/25 14:36	1
trans-1,2-Dichloroethene	0.0012	U	0.0012	0.00030	mg/Kg	☼	10/11/25 10:30	10/12/25 14:36	1
trans-1,3-Dichloropropene	0.0012	U	0.0012	0.00032	mg/Kg	☼	10/11/25 10:30	10/12/25 14:36	1
Trichloroethene	0.0012	U	0.0012	0.00039	mg/Kg	☼	10/11/25 10:30	10/12/25 14:36	1
Trichlorofluoromethane	0.0012	U	0.0012	0.00049	mg/Kg	☼	10/11/25 10:30	10/12/25 14:36	1
Vinyl chloride	0.0012	U	0.0012	0.00066	mg/Kg	☼	10/11/25 10:30	10/12/25 14:36	1
Xylenes, Total	0.0024	U	0.0024	0.00021	mg/Kg	☼	10/11/25 10:30	10/12/25 14:36	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,2-Dichloroethane-d4 (Surr)	*85*		*65 - 138*	*10/11/25 10:30*	*10/12/25 14:36*	*1*
4-Bromofluorobenzene	*93*		*71 - 128*	*10/11/25 10:30*	*10/12/25 14:36*	*1*
Dibromofluoromethane (Surr)	*97*		*50 - 150*	*10/11/25 10:30*	*10/12/25 14:36*	*1*
Toluene-d8 (Surr)	*99*		*71 - 126*	*10/11/25 10:30*	*10/12/25 14:36*	*1*

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Percent Moisture (EPA Moisture)	**12.1**		1.0	1.0	%			10/12/25 17:49	1
Percent Solids (EPA Moisture)	**87.9**		1.0	1.0	%			10/12/25 17:49	1

Client Sample ID: 5C3_9-10
Date Collected: 10/08/25 12:00
Date Received: 10/08/25 17:00

Lab Sample ID: 460-336761-55
Matrix: Solid
Percent Solids: 89.0

Method: SW846 8260D - Volatile Organic Compounds by GC/MS

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1-Trichloroethane	0.00099	U	0.00099	0.00023	mg/Kg	☼	10/11/25 10:30	10/12/25 15:00	1
1,1,2,2-Tetrachloroethane	0.00099	U	0.00099	0.00052	mg/Kg	☼	10/11/25 10:30	10/12/25 15:00	1
1,1,2-Trichloro-1,2,2-trifluoroethane	0.00099	U	0.00099	0.00030	mg/Kg	☼	10/11/25 10:30	10/12/25 15:00	1
1,1,2-Trichloroethane	0.00099	U	0.00099	0.00060	mg/Kg	☼	10/11/25 10:30	10/12/25 15:00	1
1,1-Dichloroethane	0.00099	U	0.00099	0.00059	mg/Kg	☼	10/11/25 10:30	10/12/25 15:00	1
1,1-Dichloroethene	0.00099	U	0.00099	0.00022	mg/Kg	☼	10/11/25 10:30	10/12/25 15:00	1
1,2,3-Trichlorobenzene	0.00099	U	0.00099	0.00073	mg/Kg	☼	10/11/25 10:30	10/12/25 15:00	1
1,2,4-Trichlorobenzene	0.00099	U	0.00099	0.00036	mg/Kg	☼	10/11/25 10:30	10/12/25 15:00	1
1,2,4-Trimethylbenzene	0.00099	U	0.00099	0.00024	mg/Kg	☼	10/11/25 10:30	10/12/25 15:00	1
1,2-Dibromo-3-Chloropropane	0.00099	U	0.00099	0.00046	mg/Kg	☼	10/11/25 10:30	10/12/25 15:00	1
1,2-Dichlorobenzene	0.00099	U	0.00099	0.00036	mg/Kg	☼	10/11/25 10:30	10/12/25 15:00	1
1,2-Dichloroethane	0.00099	U	0.00099	0.00029	mg/Kg	☼	10/11/25 10:30	10/12/25 15:00	1
1,2-Dichloropropane	0.00099	U	0.00099	0.00042	mg/Kg	☼	10/11/25 10:30	10/12/25 15:00	1
1,3,5-Trimethylbenzene	0.00099	U	0.00099	0.00031	mg/Kg	☼	10/11/25 10:30	10/12/25 15:00	1
1,3-Dichlorobenzene	0.00099	U	0.00099	0.00036	mg/Kg	☼	10/11/25 10:30	10/12/25 15:00	1
1,4-Dichlorobenzene	0.00099	U	0.00099	0.00052	mg/Kg	☼	10/11/25 10:30	10/12/25 15:00	1
2-Butanone (MEK)	0.0050	U	0.0050	0.00037	mg/Kg	☼	10/11/25 10:30	10/12/25 15:00	1
2-Hexanone	0.0050	U	0.0050	0.0017	mg/Kg	☼	10/11/25 10:30	10/12/25 15:00	1
4-Methyl-2-pentanone (MIBK)	0.0050	U	0.0050	0.0015	mg/Kg	☼	10/11/25 10:30	10/12/25 15:00	1
Acetone	0.0060	U	0.0060	0.0057	mg/Kg	☼	10/11/25 10:30	10/12/25 15:00	1
Benzene	0.00099	U	0.00099	0.00056	mg/Kg	☼	10/11/25 10:30	10/12/25 15:00	1
Bromoform	0.00099	U	0.00099	0.00042	mg/Kg	☼	10/11/25 10:30	10/12/25 15:00	1
Bromomethane	0.0020	U *	0.0020	0.00099	mg/Kg	☼	10/11/25 10:30	10/12/25 15:00	1
Carbon disulfide	0.00099	U	0.00099	0.00026	mg/Kg	☼	10/11/25 10:30	10/12/25 15:00	1
Carbon tetrachloride	0.00099	U	0.00099	0.00038	mg/Kg	☼	10/11/25 10:30	10/12/25 15:00	1
Chlorobenzene	0.00099	U	0.00099	0.00050	mg/Kg	☼	10/11/25 10:30	10/12/25 15:00	1
Chlorobromomethane	0.00099	U	0.00099	0.00059	mg/Kg	☼	10/11/25 10:30	10/12/25 15:00	1
Chlorodibromomethane	0.00099	U	0.00099	0.00053	mg/Kg	☼	10/11/25 10:30	10/12/25 15:00	1
Chloroethane	0.00099	U	0.00099	0.00052	mg/Kg	☼	10/11/25 10:30	10/12/25 15:00	1
Chloroform	0.00099	U	0.00099	0.00096	mg/Kg	☼	10/11/25 10:30	10/12/25 15:00	1
Chloromethane	0.00099	U	0.00099	0.00043	mg/Kg	☼	10/11/25 10:30	10/12/25 15:00	1
cis-1,2-Dichloroethene	0.00099	U	0.00099	0.00036	mg/Kg	☼	10/11/25 10:30	10/12/25 15:00	1
cis-1,3-Dichloropropene	0.00099	U	0.00099	0.00027	mg/Kg	☼	10/11/25 10:30	10/12/25 15:00	1
Cyclohexane	0.00099	U	0.00099	0.00022	mg/Kg	☼	10/11/25 10:30	10/12/25 15:00	1
Dichlorobromomethane	0.00099	U	0.00099	0.00026	mg/Kg	☼	10/11/25 10:30	10/12/25 15:00	1
Dichlorodifluoromethane	0.00099	U	0.00099	0.00034	mg/Kg	☼	10/11/25 10:30	10/12/25 15:00	1
Ethylbenzene	0.00099	U	0.00099	0.00046	mg/Kg	☼	10/11/25 10:30	10/12/25 15:00	1
Ethylene Dibromide	0.00099	U	0.00099	0.00050	mg/Kg	☼	10/11/25 10:30	10/12/25 15:00	1
Isopropylbenzene	0.00099	U	0.00099	0.00028	mg/Kg	☼	10/11/25 10:30	10/12/25 15:00	1
Methyl acetate	0.0050	U	0.0050	0.0043	mg/Kg	☼	10/11/25 10:30	10/12/25 15:00	1
Methyl tert-butyl ether	0.00099	U	0.00099	0.00051	mg/Kg	☼	10/11/25 10:30	10/12/25 15:00	1
Methylcyclohexane	0.00099	U	0.00099	0.00050	mg/Kg	☼	10/11/25 10:30	10/12/25 15:00	1
Methylene Chloride	**0.0035**		0.0020	0.0011	mg/Kg	☼	10/11/25 10:30	10/12/25 15:00	1
m-Xylene & p-Xylene	0.00099	U	0.00099	0.00042	mg/Kg	☼	10/11/25 10:30	10/12/25 15:00	1
n-Butylbenzene	0.00099	U	0.00099	0.00029	mg/Kg	☼	10/11/25 10:30	10/12/25 15:00	1
N-Propylbenzene	0.00099	U	0.00099	0.00045	mg/Kg	☼	10/11/25 10:30	10/12/25 15:00	1
o-Xylene	0.00099	U	0.00099	0.00046	mg/Kg	☼	10/11/25 10:30	10/12/25 15:00	1
sec-Butylbenzene	0.00099	U	0.00099	0.00029	mg/Kg	☼	10/11/25 10:30	10/12/25 15:00	1
Styrene	0.00099	U	0.00099	0.00028	mg/Kg	☼	10/11/25 10:30	10/12/25 15:00	1

Client Sample ID: 5C3_9-10

Lab Sample ID: 460-336761-55

Date Collected: 10/08/25 12:00
Matrix: Solid
Date Received: 10/08/25 17:00
Percent Solids: 89.0

Method: SW846 8260D - Volatile Organic Compounds by GC/MS (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
tert-Butylbenzene	0.00099	U	0.00099	0.00027	mg/Kg	☼	10/11/25 10:30	10/12/25 15:00	1
Tetrachloroethene	0.00099	U	0.00099	0.00030	mg/Kg	☼	10/11/25 10:30	10/12/25 15:00	1
Toluene	0.00099	U	0.00099	0.00023	mg/Kg	☼	10/11/25 10:30	10/12/25 15:00	1
trans-1,2-Dichloroethene	0.00099	U	0.00099	0.00024	mg/Kg	☼	10/11/25 10:30	10/12/25 15:00	1
trans-1,3-Dichloropropene	0.00099	U	0.00099	0.00026	mg/Kg	☼	10/11/25 10:30	10/12/25 15:00	1
Trichloroethene	0.00099	U	0.00099	0.00032	mg/Kg	☼	10/11/25 10:30	10/12/25 15:00	1
Trichlorofluoromethane	0.00099	U	0.00099	0.00040	mg/Kg	☼	10/11/25 10:30	10/12/25 15:00	1
Vinyl chloride	0.00099	U	0.00099	0.00054	mg/Kg	☼	10/11/25 10:30	10/12/25 15:00	1
Xylenes, Total	0.0020	U	0.0020	0.00017	mg/Kg	☼	10/11/25 10:30	10/12/25 15:00	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,2-Dichloroethane-d4 (Surr)	*86*		*65 - 138*	*10/11/25 10:30*	*10/12/25 15:00*	*1*
4-Bromofluorobenzene	*95*		*71 - 128*	*10/11/25 10:30*	*10/12/25 15:00*	*1*
Dibromofluoromethane (Surr)	*97*		*50 - 150*	*10/11/25 10:30*	*10/12/25 15:00*	*1*
Toluene-d8 (Surr)	*100*		*71 - 126*	*10/11/25 10:30*	*10/12/25 15:00*	*1*

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Percent Moisture (EPA Moisture)	**11.0**		1.0	1.0	%			10/12/25 17:49	1
Percent Solids (EPA Moisture)	**89.0**		1.0	1.0	%			10/12/25 17:49	1

Client Sample ID: 5D1_1-2

Lab Sample ID: 460-336761-56

Date Collected: 10/08/25 12:05
Matrix: Solid
Date Received: 10/08/25 17:00
Percent Solids: 89.0

Method: SW846 8260D - Volatile Organic Compounds by GC/MS

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1-Trichloroethane	0.0011	U	0.0011	0.00027	mg/Kg	☼	10/11/25 10:31	10/12/25 18:38	1
1,1,2,2-Tetrachloroethane	0.0011	U	0.0011	0.00060	mg/Kg	☼	10/11/25 10:31	10/12/25 18:38	1
1,1,2-Trichloro-1,2,2-trifluoroethane	0.0011	U	0.0011	0.00034	mg/Kg	☼	10/11/25 10:31	10/12/25 18:38	1
1,1,2-Trichloroethane	0.0011	U	0.0011	0.00069	mg/Kg	☼	10/11/25 10:31	10/12/25 18:38	1
1,1-Dichloroethane	0.0011	U	0.0011	0.00068	mg/Kg	☼	10/11/25 10:31	10/12/25 18:38	1
1,1-Dichloroethene	0.0011	U	0.0011	0.00026	mg/Kg	☼	10/11/25 10:31	10/12/25 18:38	1
1,2,3-Trichlorobenzene	0.0011	U	0.0011	0.00084	mg/Kg	☼	10/11/25 10:31	10/12/25 18:38	1
1,2,4-Trichlorobenzene	0.0011	U	0.0011	0.00041	mg/Kg	☼	10/11/25 10:31	10/12/25 18:38	1
1,2,4-Trimethylbenzene	0.0011	U	0.0011	0.00028	mg/Kg	☼	10/11/25 10:31	10/12/25 18:38	1
1,2-Dibromo-3-Chloropropane	0.0011	U	0.0011	0.00053	mg/Kg	☼	10/11/25 10:31	10/12/25 18:38	1
1,2-Dichlorobenzene	0.0011	U	0.0011	0.00041	mg/Kg	☼	10/11/25 10:31	10/12/25 18:38	1
1,2-Dichloroethane	0.0011	U	0.0011	0.00034	mg/Kg	☼	10/11/25 10:31	10/12/25 18:38	1
1,2-Dichloropropane	0.0011	U	0.0011	0.00048	mg/Kg	☼	10/11/25 10:31	10/12/25 18:38	1
1,3,5-Trimethylbenzene	0.0011	U	0.0011	0.00036	mg/Kg	☼	10/11/25 10:31	10/12/25 18:38	1
1,3-Dichlorobenzene	0.0011	U	0.0011	0.00042	mg/Kg	☼	10/11/25 10:31	10/12/25 18:38	1
1,4-Dichlorobenzene	0.0011	U	0.0011	0.00059	mg/Kg	☼	10/11/25 10:31	10/12/25 18:38	1
2-Butanone (MEK)	0.0057	U	0.0057	0.00042	mg/Kg	☼	10/11/25 10:31	10/12/25 18:38	1
2-Hexanone	0.0057	U	0.0057	0.0020	mg/Kg	☼	10/11/25 10:31	10/12/25 18:38	1
4-Methyl-2-pentanone (MIBK)	0.0057	U	0.0057	0.0018	mg/Kg	☼	10/11/25 10:31	10/12/25 18:38	1
Acetone	0.0069	U	0.0069	0.0065	mg/Kg	☼	10/11/25 10:31	10/12/25 18:38	1
Benzene	0.0011	U	0.0011	0.00065	mg/Kg	☼	10/11/25 10:31	10/12/25 18:38	1
Bromoform	0.0011	U	0.0011	0.00049	mg/Kg	☼	10/11/25 10:31	10/12/25 18:38	1
Bromomethane	0.0023	U *	0.0023	0.0011	mg/Kg	☼	10/11/25 10:31	10/12/25 18:38	1

Client Sample ID: 5D1_1-2
Date Collected: 10/08/25 12:05
Date Received: 10/08/25 17:00

Lab Sample ID: 460-336761-56
Matrix: Solid
Percent Solids: 89.0

Method: SW846 8260D - Volatile Organic Compounds by GC/MS (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Carbon disulfide	0.0011	U	0.0011	0.00030	mg/Kg	☼	10/11/25 10:31	10/12/25 18:38	1
Carbon tetrachloride	0.0011	U	0.0011	0.00044	mg/Kg	☼	10/11/25 10:31	10/12/25 18:38	1
Chlorobenzene	0.0011	U	0.0011	0.00058	mg/Kg	☼	10/11/25 10:31	10/12/25 18:38	1
Chlorobromomethane	0.0011	U	0.0011	0.00068	mg/Kg	☼	10/11/25 10:31	10/12/25 18:38	1
Chlorodibromomethane	0.0011	U	0.0011	0.00061	mg/Kg	☼	10/11/25 10:31	10/12/25 18:38	1
Chloroethane	0.0011	U	0.0011	0.00060	mg/Kg	☼	10/11/25 10:31	10/12/25 18:38	1
Chloroform	0.0011	U	0.0011	0.0011	mg/Kg	☼	10/11/25 10:31	10/12/25 18:38	1
Chloromethane	0.0011	U	0.0011	0.00050	mg/Kg	☼	10/11/25 10:31	10/12/25 18:38	1
cis-1,2-Dichloroethene	0.0011	U	0.0011	0.00041	mg/Kg	☼	10/11/25 10:31	10/12/25 18:38	1
cis-1,3-Dichloropropene	0.0011	U	0.0011	0.00031	mg/Kg	☼	10/11/25 10:31	10/12/25 18:38	1
Cyclohexane	0.0011	U	0.0011	0.00025	mg/Kg	☼	10/11/25 10:31	10/12/25 18:38	1
Dichlorobromomethane	0.0011	U	0.0011	0.00029	mg/Kg	☼	10/11/25 10:31	10/12/25 18:38	1
Dichlorodifluoromethane	0.0011	U	0.0011	0.00039	mg/Kg	☼	10/11/25 10:31	10/12/25 18:38	1
Ethylbenzene	0.0011	U	0.0011	0.00054	mg/Kg	☼	10/11/25 10:31	10/12/25 18:38	1
Ethylene Dibromide	0.0011	U	0.0011	0.00058	mg/Kg	☼	10/11/25 10:31	10/12/25 18:38	1
Isopropylbenzene	0.0011	U	0.0011	0.00033	mg/Kg	☼	10/11/25 10:31	10/12/25 18:38	1
Methyl acetate	0.0057	U	0.0057	0.0049	mg/Kg	☼	10/11/25 10:31	10/12/25 18:38	1
Methyl tert-butyl ether	0.0011	U	0.0011	0.00059	mg/Kg	☼	10/11/25 10:31	10/12/25 18:38	1
Methylcyclohexane	0.0011	U	0.0011	0.00057	mg/Kg	☼	10/11/25 10:31	10/12/25 18:38	1
Methylene Chloride	0.0023	U	0.0023	0.0013	mg/Kg	☼	10/11/25 10:31	10/12/25 18:38	1
m-Xylene & p-Xylene	0.0011	U	0.0011	0.00048	mg/Kg	☼	10/11/25 10:31	10/12/25 18:38	1
n-Butylbenzene	0.0011	U	0.0011	0.00034	mg/Kg	☼	10/11/25 10:31	10/12/25 18:38	1
N-Propylbenzene	0.0011	U	0.0011	0.00051	mg/Kg	☼	10/11/25 10:31	10/12/25 18:38	1
o-Xylene	0.0011	U	0.0011	0.00053	mg/Kg	☼	10/11/25 10:31	10/12/25 18:38	1
sec-Butylbenzene	0.0011	U	0.0011	0.00033	mg/Kg	☼	10/11/25 10:31	10/12/25 18:38	1
Styrene	0.0011	U	0.0011	0.00032	mg/Kg	☼	10/11/25 10:31	10/12/25 18:38	1
tert-Butylbenzene	0.0011	U	0.0011	0.00032	mg/Kg	☼	10/11/25 10:31	10/12/25 18:38	1
Tetrachloroethene	0.0011	U	0.0011	0.00035	mg/Kg	☼	10/11/25 10:31	10/12/25 18:38	1
Toluene	0.0011	U	0.0011	0.00027	mg/Kg	☼	10/11/25 10:31	10/12/25 18:38	1
trans-1,2-Dichloroethene	0.0011	U	0.0011	0.00028	mg/Kg	☼	10/11/25 10:31	10/12/25 18:38	1
trans-1,3-Dichloropropene	0.0011	U *	0.0011	0.00030	mg/Kg	☼	10/11/25 10:31	10/12/25 18:38	1
Trichloroethene	0.0011	U	0.0011	0.00037	mg/Kg	☼	10/11/25 10:31	10/12/25 18:38	1
Trichlorofluoromethane	0.0011	U	0.0011	0.00046	mg/Kg	☼	10/11/25 10:31	10/12/25 18:38	1
Vinyl chloride	0.0011	U	0.0011	0.00062	mg/Kg	☼	10/11/25 10:31	10/12/25 18:38	1
Xylenes, Total	0.0023	U	0.0023	0.00020	mg/Kg	☼	10/11/25 10:31	10/12/25 18:38	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,2-Dichloroethane-d4 (Surr)	*85*		*65 - 138*	*10/11/25 10:31*	*10/12/25 18:38*	*1*
4-Bromofluorobenzene	*95*		*71 - 128*	*10/11/25 10:31*	*10/12/25 18:38*	*1*
Dibromofluoromethane (Surr)	*97*		*50 - 150*	*10/11/25 10:31*	*10/12/25 18:38*	*1*
Toluene-d8 (Surr)	*100*		*71 - 126*	*10/11/25 10:31*	*10/12/25 18:38*	*1*

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Percent Moisture (EPA Moisture)	**11.0**		1.0	1.0	%			10/12/25 17:49	1
Percent Solids (EPA Moisture)	**89.0**		1.0	1.0	%			10/12/25 17:49	1

Client Sample ID: 5D2_3-4
Date Collected: 10/08/25 12:10
Date Received: 10/08/25 17:00

Lab Sample ID: 460-336761-57
Matrix: Solid
Percent Solids: 92.0

Method: SW846 8260D - Volatile Organic Compounds by GC/MS

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1-Trichloroethane	0.00096	U	0.00096	0.00022	mg/Kg	☼	10/11/25 10:31	10/12/25 19:02	1
1,1,2,2-Tetrachloroethane	0.00096	U	0.00096	0.00050	mg/Kg	☼	10/11/25 10:31	10/12/25 19:02	1
1,1,2-Trichloro-1,2,2-trifluoroethane	0.00096	U	0.00096	0.00029	mg/Kg	☼	10/11/25 10:31	10/12/25 19:02	1
1,1,2-Trichloroethane	0.00096	U	0.00096	0.00058	mg/Kg	☼	10/11/25 10:31	10/12/25 19:02	1
1,1-Dichloroethane	0.00096	U	0.00096	0.00057	mg/Kg	☼	10/11/25 10:31	10/12/25 19:02	1
1,1-Dichloroethene	0.00096	U	0.00096	0.00022	mg/Kg	☼	10/11/25 10:31	10/12/25 19:02	1
1,2,3-Trichlorobenzene	0.00096	U	0.00096	0.00071	mg/Kg	☼	10/11/25 10:31	10/12/25 19:02	1
1,2,4-Trichlorobenzene	0.00096	U	0.00096	0.00034	mg/Kg	☼	10/11/25 10:31	10/12/25 19:02	1
1,2,4-Trimethylbenzene	0.00096	U	0.00096	0.00024	mg/Kg	☼	10/11/25 10:31	10/12/25 19:02	1
1,2-Dibromo-3-Chloropropane	0.00096	U	0.00096	0.00044	mg/Kg	☼	10/11/25 10:31	10/12/25 19:02	1
1,2-Dichlorobenzene	0.00096	U	0.00096	0.00035	mg/Kg	☼	10/11/25 10:31	10/12/25 19:02	1
1,2-Dichloroethane	0.00096	U	0.00096	0.00028	mg/Kg	☼	10/11/25 10:31	10/12/25 19:02	1
1,2-Dichloropropane	0.00096	U	0.00096	0.00041	mg/Kg	☼	10/11/25 10:31	10/12/25 19:02	1
1,3,5-Trimethylbenzene	0.00096	U	0.00096	0.00030	mg/Kg	☼	10/11/25 10:31	10/12/25 19:02	1
1,3-Dichlorobenzene	0.00096	U	0.00096	0.00035	mg/Kg	☼	10/11/25 10:31	10/12/25 19:02	1
1,4-Dichlorobenzene	0.00096	U	0.00096	0.00050	mg/Kg	☼	10/11/25 10:31	10/12/25 19:02	1
2-Butanone (MEK)	0.0048	U	0.0048	0.00035	mg/Kg	☼	10/11/25 10:31	10/12/25 19:02	1
2-Hexanone	0.0048	U	0.0048	0.0016	mg/Kg	☼	10/11/25 10:31	10/12/25 19:02	1
4-Methyl-2-pentanone (MIBK)	0.0048	U	0.0048	0.0015	mg/Kg	☼	10/11/25 10:31	10/12/25 19:02	1
Acetone	**0.059**		0.0058	0.0055	mg/Kg	☼	10/11/25 10:31	10/12/25 19:02	1
Benzene	0.00096	U	0.00096	0.00054	mg/Kg	☼	10/11/25 10:31	10/12/25 19:02	1
Bromoform	0.00096	U	0.00096	0.00041	mg/Kg	☼	10/11/25 10:31	10/12/25 19:02	1
Bromomethane	0.0019	U *	0.0019	0.00096	mg/Kg	☼	10/11/25 10:31	10/12/25 19:02	1
Carbon disulfide	0.00096	U	0.00096	0.00026	mg/Kg	☼	10/11/25 10:31	10/12/25 19:02	1
Carbon tetrachloride	0.00096	U	0.00096	0.00037	mg/Kg	☼	10/11/25 10:31	10/12/25 19:02	1
Chlorobenzene	0.00096	U	0.00096	0.00049	mg/Kg	☼	10/11/25 10:31	10/12/25 19:02	1
Chlorobromomethane	0.00096	U	0.00096	0.00057	mg/Kg	☼	10/11/25 10:31	10/12/25 19:02	1
Chlorodibromomethane	0.00096	U	0.00096	0.00052	mg/Kg	☼	10/11/25 10:31	10/12/25 19:02	1
Chloroethane	0.00096	U	0.00096	0.00050	mg/Kg	☼	10/11/25 10:31	10/12/25 19:02	1
Chloroform	0.00096	U	0.00096	0.00093	mg/Kg	☼	10/11/25 10:31	10/12/25 19:02	1
Chloromethane	0.00096	U	0.00096	0.00042	mg/Kg	☼	10/11/25 10:31	10/12/25 19:02	1
cis-1,2-Dichloroethene	0.00096	U	0.00096	0.00034	mg/Kg	☼	10/11/25 10:31	10/12/25 19:02	1
cis-1,3-Dichloropropene	0.00096	U	0.00096	0.00026	mg/Kg	☼	10/11/25 10:31	10/12/25 19:02	1
Cyclohexane	0.00096	U	0.00096	0.00021	mg/Kg	☼	10/11/25 10:31	10/12/25 19:02	1
Dichlorobromomethane	0.00096	U	0.00096	0.00025	mg/Kg	☼	10/11/25 10:31	10/12/25 19:02	1
Dichlorodifluoromethane	0.00096	U	0.00096	0.00032	mg/Kg	☼	10/11/25 10:31	10/12/25 19:02	1
Ethylbenzene	0.00096	U	0.00096	0.00045	mg/Kg	☼	10/11/25 10:31	10/12/25 19:02	1
Ethylene Dibromide	0.00096	U	0.00096	0.00048	mg/Kg	☼	10/11/25 10:31	10/12/25 19:02	1
Isopropylbenzene	0.00096	U	0.00096	0.00027	mg/Kg	☼	10/11/25 10:31	10/12/25 19:02	1
Methyl acetate	0.0048	U	0.0048	0.0041	mg/Kg	☼	10/11/25 10:31	10/12/25 19:02	1
Methyl tert-butyl ether	0.00096	U	0.00096	0.00049	mg/Kg	☼	10/11/25 10:31	10/12/25 19:02	1
Methylcyclohexane	0.00096	U	0.00096	0.00048	mg/Kg	☼	10/11/25 10:31	10/12/25 19:02	1
Methylene Chloride	0.0019	U	0.0019	0.0011	mg/Kg	☼	10/11/25 10:31	10/12/25 19:02	1
m-Xylene & p-Xylene	0.00096	U	0.00096	0.00041	mg/Kg	☼	10/11/25 10:31	10/12/25 19:02	1
n-Butylbenzene	0.00096	U	0.00096	0.00028	mg/Kg	☼	10/11/25 10:31	10/12/25 19:02	1
N-Propylbenzene	0.00096	U	0.00096	0.00043	mg/Kg	☼	10/11/25 10:31	10/12/25 19:02	1
o-Xylene	0.00096	U	0.00096	0.00044	mg/Kg	☼	10/11/25 10:31	10/12/25 19:02	1
sec-Butylbenzene	0.00096	U	0.00096	0.00028	mg/Kg	☼	10/11/25 10:31	10/12/25 19:02	1
Styrene	0.00096	U	0.00096	0.00027	mg/Kg	☼	10/11/25 10:31	10/12/25 19:02	1

Client Sample ID: 5D2_3-4

Lab Sample ID: 460-336761-57

Date Collected: 10/08/25 12:10
Matrix: Solid
Date Received: 10/08/25 17:00
Percent Solids: 92.0

Method: SW846 8260D - Volatile Organic Compounds by GC/MS (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
tert-Butylbenzene	0.00096	U	0.00096	0.00026	mg/Kg	☼	10/11/25 10:31	10/12/25 19:02	1
Tetrachloroethene	0.00096	U	0.00096	0.00029	mg/Kg	☼	10/11/25 10:31	10/12/25 19:02	1
Toluene	0.00096	U	0.00096	0.00022	mg/Kg	☼	10/11/25 10:31	10/12/25 19:02	1
trans-1,2-Dichloroethene	0.00096	U	0.00096	0.00024	mg/Kg	☼	10/11/25 10:31	10/12/25 19:02	1
trans-1,3-Dichloropropene	0.00096	U *	0.00096	0.00026	mg/Kg	☼	10/11/25 10:31	10/12/25 19:02	1
Trichloroethene	0.00096	U	0.00096	0.00031	mg/Kg	☼	10/11/25 10:31	10/12/25 19:02	1
Trichlorofluoromethane	0.00096	U	0.00096	0.00039	mg/Kg	☼	10/11/25 10:31	10/12/25 19:02	1
Vinyl chloride	0.00096	U	0.00096	0.00052	mg/Kg	☼	10/11/25 10:31	10/12/25 19:02	1
Xylenes, Total	0.0019	U	0.0019	0.00017	mg/Kg	☼	10/11/25 10:31	10/12/25 19:02	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,2-Dichloroethane-d4 (Surr)	*85*		*65 - 138*	*10/11/25 10:31*	*10/12/25 19:02*	*1*
4-Bromofluorobenzene	*93*		*71 - 128*	*10/11/25 10:31*	*10/12/25 19:02*	*1*
Dibromofluoromethane (Surr)	*96*		*50 - 150*	*10/11/25 10:31*	*10/12/25 19:02*	*1*
Toluene-d8 (Surr)	*100*		*71 - 126*	*10/11/25 10:31*	*10/12/25 19:02*	*1*

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Percent Moisture (EPA Moisture)	**8.0**		1.0	1.0	%			10/12/25 17:49	1
Percent Solids (EPA Moisture)	**92.0**		1.0	1.0	%			10/12/25 17:49	1

Client Sample ID: 5D3_4-5

Lab Sample ID: 460-336761-58

Date Collected: 10/08/25 12:15
Matrix: Solid
Date Received: 10/08/25 17:00
Percent Solids: 90.0

Method: SW846 8260D - Volatile Organic Compounds by GC/MS

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1-Trichloroethane	0.00065	U	0.00065	0.00015	mg/Kg	☼	10/11/25 10:31	10/12/25 19:26	1
1,1,2,2-Tetrachloroethane	0.00065	U	0.00065	0.00034	mg/Kg	☼	10/11/25 10:31	10/12/25 19:26	1
1,1,2-Trichloro-1,2,2-trifluoroethane	0.00065	U	0.00065	0.00020	mg/Kg	☼	10/11/25 10:31	10/12/25 19:26	1
1,1,2-Trichloroethane	0.00065	U	0.00065	0.00039	mg/Kg	☼	10/11/25 10:31	10/12/25 19:26	1
1,1-Dichloroethane	0.00065	U	0.00065	0.00039	mg/Kg	☼	10/11/25 10:31	10/12/25 19:26	1
1,1-Dichloroethene	0.00065	U	0.00065	0.00015	mg/Kg	☼	10/11/25 10:31	10/12/25 19:26	1
1,2,3-Trichlorobenzene	0.00065	U	0.00065	0.00048	mg/Kg	☼	10/11/25 10:31	10/12/25 19:26	1
1,2,4-Trichlorobenzene	0.00065	U	0.00065	0.00023	mg/Kg	☼	10/11/25 10:31	10/12/25 19:26	1
1,2,4-Trimethylbenzene	0.00065	U	0.00065	0.00016	mg/Kg	☼	10/11/25 10:31	10/12/25 19:26	1
1,2-Dibromo-3-Chloropropane	0.00065	U	0.00065	0.00030	mg/Kg	☼	10/11/25 10:31	10/12/25 19:26	1
1,2-Dichlorobenzene	0.00065	U	0.00065	0.00023	mg/Kg	☼	10/11/25 10:31	10/12/25 19:26	1
1,2-Dichloroethane	0.00065	U	0.00065	0.00019	mg/Kg	☼	10/11/25 10:31	10/12/25 19:26	1
1,2-Dichloropropane	0.00065	U	0.00065	0.00027	mg/Kg	☼	10/11/25 10:31	10/12/25 19:26	1
1,3,5-Trimethylbenzene	0.00065	U	0.00065	0.00020	mg/Kg	☼	10/11/25 10:31	10/12/25 19:26	1
1,3-Dichlorobenzene	0.00065	U	0.00065	0.00024	mg/Kg	☼	10/11/25 10:31	10/12/25 19:26	1
1,4-Dichlorobenzene	0.00065	U	0.00065	0.00034	mg/Kg	☼	10/11/25 10:31	10/12/25 19:26	1
2-Butanone (MEK)	0.0033	U	0.0033	0.00024	mg/Kg	☼	10/11/25 10:31	10/12/25 19:26	1
2-Hexanone	0.0033	U	0.0033	0.0011	mg/Kg	☼	10/11/25 10:31	10/12/25 19:26	1
4-Methyl-2-pentanone (MIBK)	0.0033	U	0.0033	0.0010	mg/Kg	☼	10/11/25 10:31	10/12/25 19:26	1
Acetone	0.0039	U	0.0039	0.0037	mg/Kg	☼	10/11/25 10:31	10/12/25 19:26	1
Benzene	0.00065	U	0.00065	0.00037	mg/Kg	☼	10/11/25 10:31	10/12/25 19:26	1
Bromoform	0.00065	U	0.00065	0.00028	mg/Kg	☼	10/11/25 10:31	10/12/25 19:26	1
Bromomethane	0.0013	U *	0.0013	0.00065	mg/Kg	☼	10/11/25 10:31	10/12/25 19:26	1

Client Sample ID: 5D3_4-5
Date Collected: 10/08/25 12:15
Date Received: 10/08/25 17:00

Lab Sample ID: 460-336761-58
Matrix: Solid
Percent Solids: 90.0

Method: SW846 8260D - Volatile Organic Compounds by GC/MS (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Carbon disulfide	0.00065	U	0.00065	0.00017	mg/Kg	☼	10/11/25 10:31	10/12/25 19:26	1
Carbon tetrachloride	0.00065	U	0.00065	0.00025	mg/Kg	☼	10/11/25 10:31	10/12/25 19:26	1
Chlorobenzene	0.00065	U	0.00065	0.00033	mg/Kg	☼	10/11/25 10:31	10/12/25 19:26	1
Chlorobromomethane	0.00065	U	0.00065	0.00039	mg/Kg	☼	10/11/25 10:31	10/12/25 19:26	1
Chlorodibromomethane	0.00065	U	0.00065	0.00035	mg/Kg	☼	10/11/25 10:31	10/12/25 19:26	1
Chloroethane	0.00065	U	0.00065	0.00034	mg/Kg	☼	10/11/25 10:31	10/12/25 19:26	1
Chloroform	0.00065	U	0.00065	0.00063	mg/Kg	☼	10/11/25 10:31	10/12/25 19:26	1
Chloromethane	0.00065	U	0.00065	0.00028	mg/Kg	☼	10/11/25 10:31	10/12/25 19:26	1
cis-1,2-Dichloroethene	0.00065	U	0.00065	0.00023	mg/Kg	☼	10/11/25 10:31	10/12/25 19:26	1
cis-1,3-Dichloropropene	0.00065	U	0.00065	0.00018	mg/Kg	☼	10/11/25 10:31	10/12/25 19:26	1
Cyclohexane	0.00065	U	0.00065	0.00014	mg/Kg	☼	10/11/25 10:31	10/12/25 19:26	1
Dichlorobromomethane	0.00065	U	0.00065	0.00017	mg/Kg	☼	10/11/25 10:31	10/12/25 19:26	1
Dichlorodifluoromethane	0.00065	U	0.00065	0.00022	mg/Kg	☼	10/11/25 10:31	10/12/25 19:26	1
Ethylbenzene	0.00065	U	0.00065	0.00030	mg/Kg	☼	10/11/25 10:31	10/12/25 19:26	1
Ethylene Dibromide	0.00065	U	0.00065	0.00033	mg/Kg	☼	10/11/25 10:31	10/12/25 19:26	1
Isopropylbenzene	0.00065	U	0.00065	0.00019	mg/Kg	☼	10/11/25 10:31	10/12/25 19:26	1
Methyl acetate	0.0033	U	0.0033	0.0028	mg/Kg	☼	10/11/25 10:31	10/12/25 19:26	1
Methyl tert-butyl ether	0.00065	U	0.00065	0.00033	mg/Kg	☼	10/11/25 10:31	10/12/25 19:26	1
Methylcyclohexane	0.00065	U	0.00065	0.00032	mg/Kg	☼	10/11/25 10:31	10/12/25 19:26	1
Methylene Chloride	0.0013	U	0.0013	0.00074	mg/Kg	☼	10/11/25 10:31	10/12/25 19:26	1
m-Xylene & p-Xylene	0.00065	U	0.00065	0.00027	mg/Kg	☼	10/11/25 10:31	10/12/25 19:26	1
n-Butylbenzene	0.00065	U	0.00065	0.00019	mg/Kg	☼	10/11/25 10:31	10/12/25 19:26	1
N-Propylbenzene	0.00065	U	0.00065	0.00029	mg/Kg	☼	10/11/25 10:31	10/12/25 19:26	1
o-Xylene	0.00065	U	0.00065	0.00030	mg/Kg	☼	10/11/25 10:31	10/12/25 19:26	1
sec-Butylbenzene	0.00065	U	0.00065	0.00019	mg/Kg	☼	10/11/25 10:31	10/12/25 19:26	1
Styrene	0.00065	U	0.00065	0.00018	mg/Kg	☼	10/11/25 10:31	10/12/25 19:26	1
tert-Butylbenzene	0.00065	U	0.00065	0.00018	mg/Kg	☼	10/11/25 10:31	10/12/25 19:26	1
Tetrachloroethene	0.00065	U	0.00065	0.00020	mg/Kg	☼	10/11/25 10:31	10/12/25 19:26	1
Toluene	0.00065	U	0.00065	0.00015	mg/Kg	☼	10/11/25 10:31	10/12/25 19:26	1
trans-1,2-Dichloroethene	0.00065	U	0.00065	0.00016	mg/Kg	☼	10/11/25 10:31	10/12/25 19:26	1
trans-1,3-Dichloropropene	0.00065	U *	0.00065	0.00017	mg/Kg	☼	10/11/25 10:31	10/12/25 19:26	1
Trichloroethene	0.00065	U	0.00065	0.00021	mg/Kg	☼	10/11/25 10:31	10/12/25 19:26	1
Trichlorofluoromethane	0.00065	U	0.00065	0.00026	mg/Kg	☼	10/11/25 10:31	10/12/25 19:26	1
Vinyl chloride	0.00065	U	0.00065	0.00035	mg/Kg	☼	10/11/25 10:31	10/12/25 19:26	1
Xylenes, Total	0.0013	U	0.0013	0.00011	mg/Kg	☼	10/11/25 10:31	10/12/25 19:26	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,2-Dichloroethane-d4 (Surr)	*86*		*65 - 138*	*10/11/25 10:31*	*10/12/25 19:26*	*1*
4-Bromofluorobenzene	*94*		*71 - 128*	*10/11/25 10:31*	*10/12/25 19:26*	*1*
Dibromofluoromethane (Surr)	*98*		*50 - 150*	*10/11/25 10:31*	*10/12/25 19:26*	*1*
Toluene-d8 (Surr)	*101*		*71 - 126*	*10/11/25 10:31*	*10/12/25 19:26*	*1*

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Percent Moisture (EPA Moisture)	**10**		1.0	1.0	%			10/12/25 17:49	1
Percent Solids (EPA Moisture)	**90.0**		1.0	1.0	%			10/12/25 17:49	1

Client Sample ID: 5D1_5-6
Date Collected: 10/08/25 12:20
Date Received: 10/08/25 17:00

Lab Sample ID: 460-336761-59
Matrix: Solid
Percent Solids: 88.6

Method: SW846 8260D - Volatile Organic Compounds by GC/MS

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1-Trichloroethane	0.00073	U	0.00073	0.00017	mg/Kg	☼	10/11/25 10:32	10/12/25 19:51	1
1,1,2,2-Tetrachloroethane	0.00073	U	0.00073	0.00038	mg/Kg	☼	10/11/25 10:32	10/12/25 19:51	1
1,1,2-Trichloro-1,2,2-trifluoroethane	0.00073	U	0.00073	0.00022	mg/Kg	☼	10/11/25 10:32	10/12/25 19:51	1
1,1,2-Trichloroethane	0.00073	U	0.00073	0.00044	mg/Kg	☼	10/11/25 10:32	10/12/25 19:51	1
1,1-Dichloroethane	0.00073	U	0.00073	0.00044	mg/Kg	☼	10/11/25 10:32	10/12/25 19:51	1
1,1-Dichloroethene	0.00073	U	0.00073	0.00016	mg/Kg	☼	10/11/25 10:32	10/12/25 19:51	1
1,2,3-Trichlorobenzene	0.00073	U	0.00073	0.00054	mg/Kg	☼	10/11/25 10:32	10/12/25 19:51	1
1,2,4-Trichlorobenzene	0.00073	U	0.00073	0.00026	mg/Kg	☼	10/11/25 10:32	10/12/25 19:51	1
1,2,4-Trimethylbenzene	0.00073	U	0.00073	0.00018	mg/Kg	☼	10/11/25 10:32	10/12/25 19:51	1
1,2-Dibromo-3-Chloropropane	0.00073	U	0.00073	0.00034	mg/Kg	☼	10/11/25 10:32	10/12/25 19:51	1
1,2-Dichlorobenzene	0.00073	U	0.00073	0.00026	mg/Kg	☼	10/11/25 10:32	10/12/25 19:51	1
1,2-Dichloroethane	0.00073	U	0.00073	0.00022	mg/Kg	☼	10/11/25 10:32	10/12/25 19:51	1
1,2-Dichloropropane	0.00073	U	0.00073	0.00031	mg/Kg	☼	10/11/25 10:32	10/12/25 19:51	1
1,3,5-Trimethylbenzene	0.00073	U	0.00073	0.00023	mg/Kg	☼	10/11/25 10:32	10/12/25 19:51	1
1,3-Dichlorobenzene	0.00073	U	0.00073	0.00027	mg/Kg	☼	10/11/25 10:32	10/12/25 19:51	1
1,4-Dichlorobenzene	0.00073	U	0.00073	0.00038	mg/Kg	☼	10/11/25 10:32	10/12/25 19:51	1
2-Butanone (MEK)	0.0037	U	0.0037	0.00027	mg/Kg	☼	10/11/25 10:32	10/12/25 19:51	1
2-Hexanone	0.0037	U	0.0037	0.0013	mg/Kg	☼	10/11/25 10:32	10/12/25 19:51	1
4-Methyl-2-pentanone (MIBK)	0.0037	U	0.0037	0.0011	mg/Kg	☼	10/11/25 10:32	10/12/25 19:51	1
Acetone	**0.061**		0.0044	0.0042	mg/Kg	☼	10/11/25 10:32	10/12/25 19:51	1
Benzene	0.00073	U	0.00073	0.00041	mg/Kg	☼	10/11/25 10:32	10/12/25 19:51	1
Bromoform	0.00073	U	0.00073	0.00031	mg/Kg	☼	10/11/25 10:32	10/12/25 19:51	1
Bromomethane	0.0015	U *	0.0015	0.00073	mg/Kg	☼	10/11/25 10:32	10/12/25 19:51	1
Carbon disulfide	0.00073	U	0.00073	0.00019	mg/Kg	☼	10/11/25 10:32	10/12/25 19:51	1
Carbon tetrachloride	0.00073	U	0.00073	0.00028	mg/Kg	☼	10/11/25 10:32	10/12/25 19:51	1
Chlorobenzene	0.00073	U	0.00073	0.00037	mg/Kg	☼	10/11/25 10:32	10/12/25 19:51	1
Chlorobromomethane	0.00073	U	0.00073	0.00044	mg/Kg	☼	10/11/25 10:32	10/12/25 19:51	1
Chlorodibromomethane	0.00073	U	0.00073	0.00039	mg/Kg	☼	10/11/25 10:32	10/12/25 19:51	1
Chloroethane	0.00073	U	0.00073	0.00038	mg/Kg	☼	10/11/25 10:32	10/12/25 19:51	1
Chloroform	0.00073	U	0.00073	0.00071	mg/Kg	☼	10/11/25 10:32	10/12/25 19:51	1
Chloromethane	0.00073	U	0.00073	0.00032	mg/Kg	☼	10/11/25 10:32	10/12/25 19:51	1
cis-1,2-Dichloroethene	0.00073	U	0.00073	0.00026	mg/Kg	☼	10/11/25 10:32	10/12/25 19:51	1
cis-1,3-Dichloropropene	0.00073	U	0.00073	0.00020	mg/Kg	☼	10/11/25 10:32	10/12/25 19:51	1
Cyclohexane	0.00073	U	0.00073	0.00016	mg/Kg	☼	10/11/25 10:32	10/12/25 19:51	1
Dichlorobromomethane	0.00073	U	0.00073	0.00019	mg/Kg	☼	10/11/25 10:32	10/12/25 19:51	1
Dichlorodifluoromethane	0.00073	U	0.00073	0.00025	mg/Kg	☼	10/11/25 10:32	10/12/25 19:51	1
Ethylbenzene	0.00073	U	0.00073	0.00034	mg/Kg	☼	10/11/25 10:32	10/12/25 19:51	1
Ethylene Dibromide	0.00073	U	0.00073	0.00037	mg/Kg	☼	10/11/25 10:32	10/12/25 19:51	1
Isopropylbenzene	0.00073	U	0.00073	0.00021	mg/Kg	☼	10/11/25 10:32	10/12/25 19:51	1
Methyl acetate	0.0037	U	0.0037	0.0031	mg/Kg	☼	10/11/25 10:32	10/12/25 19:51	1
Methyl tert-butyl ether	0.00073	U	0.00073	0.00037	mg/Kg	☼	10/11/25 10:32	10/12/25 19:51	1
Methylcyclohexane	0.00073	U	0.00073	0.00037	mg/Kg	☼	10/11/25 10:32	10/12/25 19:51	1
Methylene Chloride	0.0015	U	0.0015	0.00084	mg/Kg	☼	10/11/25 10:32	10/12/25 19:51	1
m-Xylene & p-Xylene	0.00073	U	0.00073	0.00031	mg/Kg	☼	10/11/25 10:32	10/12/25 19:51	1
n-Butylbenzene	0.00073	U	0.00073	0.00022	mg/Kg	☼	10/11/25 10:32	10/12/25 19:51	1
N-Propylbenzene	0.00073	U	0.00073	0.00033	mg/Kg	☼	10/11/25 10:32	10/12/25 19:51	1
o-Xylene	0.00073	U	0.00073	0.00034	mg/Kg	☼	10/11/25 10:32	10/12/25 19:51	1
sec-Butylbenzene	0.00073	U	0.00073	0.00021	mg/Kg	☼	10/11/25 10:32	10/12/25 19:51	1
Styrene	0.00073	U	0.00073	0.00020	mg/Kg	☼	10/11/25 10:32	10/12/25 19:51	1

Client Sample ID: 5D1_5-6

Lab Sample ID: 460-336761-59
Date Collected: 10/08/25 12:20
Matrix: Solid
Date Received: 10/08/25 17:00
Percent Solids: 88.6

Method: SW846 8260D - Volatile Organic Compounds by GC/MS (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
tert-Butylbenzene	0.00073	U	0.00073	0.00020	mg/Kg	☼	10/11/25 10:32	10/12/25 19:51	1
Tetrachloroethene	0.00073	U	0.00073	0.00022	mg/Kg	☼	10/11/25 10:32	10/12/25 19:51	1
Toluene	0.00073	U	0.00073	0.00017	mg/Kg	☼	10/11/25 10:32	10/12/25 19:51	1
trans-1,2-Dichloroethene	0.00073	U	0.00073	0.00018	mg/Kg	☼	10/11/25 10:32	10/12/25 19:51	1
trans-1,3-Dichloropropene	0.00073	U *	0.00073	0.00019	mg/Kg	☼	10/11/25 10:32	10/12/25 19:51	1
Trichloroethene	0.00073	U	0.00073	0.00023	mg/Kg	☼	10/11/25 10:32	10/12/25 19:51	1
Trichlorofluoromethane	0.00073	U	0.00073	0.00030	mg/Kg	☼	10/11/25 10:32	10/12/25 19:51	1
Vinyl chloride	0.00073	U	0.00073	0.00040	mg/Kg	☼	10/11/25 10:32	10/12/25 19:51	1
Xylenes, Total	0.0015	U	0.0015	0.00013	mg/Kg	☼	10/11/25 10:32	10/12/25 19:51	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,2-Dichloroethane-d4 (Surr)	*85*		*65 - 138*	*10/11/25 10:32*	*10/12/25 19:51*	*1*
4-Bromofluorobenzene	*98*		*71 - 128*	*10/11/25 10:32*	*10/12/25 19:51*	*1*
Dibromofluoromethane (Surr)	*98*		*50 - 150*	*10/11/25 10:32*	*10/12/25 19:51*	*1*
Toluene-d8 (Surr)	*102*		*71 - 126*	*10/11/25 10:32*	*10/12/25 19:51*	*1*

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Percent Moisture (EPA Moisture)	**11.4**		1.0	1.0	%			10/12/25 17:49	1
Percent Solids (EPA Moisture)	**88.6**		1.0	1.0	%			10/12/25 17:49	1

Client Sample ID: 5D2_7-8

Lab Sample ID: 460-336761-60
Date Collected: 10/08/25 12:25
Matrix: Solid
Date Received: 10/08/25 17:00
Percent Solids: 88.0

Method: SW846 8260D - Volatile Organic Compounds by GC/MS

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1-Trichloroethane	0.00077	U	0.00077	0.00018	mg/Kg	☼	10/11/25 10:32	10/12/25 20:15	1
1,1,2,2-Tetrachloroethane	0.00077	U	0.00077	0.00040	mg/Kg	☼	10/11/25 10:32	10/12/25 20:15	1
1,1,2-Trichloro-1,2,2-trifluoroethane	0.00077	U	0.00077	0.00023	mg/Kg	☼	10/11/25 10:32	10/12/25 20:15	1
1,1,2-Trichloroethane	0.00077	U	0.00077	0.00046	mg/Kg	☼	10/11/25 10:32	10/12/25 20:15	1
1,1-Dichloroethane	0.00077	U	0.00077	0.00046	mg/Kg	☼	10/11/25 10:32	10/12/25 20:15	1
1,1-Dichloroethene	0.00077	U	0.00077	0.00017	mg/Kg	☼	10/11/25 10:32	10/12/25 20:15	1
1,2,3-Trichlorobenzene	0.00077	U	0.00077	0.00057	mg/Kg	☼	10/11/25 10:32	10/12/25 20:15	1
1,2,4-Trichlorobenzene	0.00077	U	0.00077	0.00027	mg/Kg	☼	10/11/25 10:32	10/12/25 20:15	1
1,2,4-Trimethylbenzene	0.00077	U	0.00077	0.00019	mg/Kg	☼	10/11/25 10:32	10/12/25 20:15	1
1,2-Dibromo-3-Chloropropane	0.00077	U	0.00077	0.00035	mg/Kg	☼	10/11/25 10:32	10/12/25 20:15	1
1,2-Dichlorobenzene	0.00077	U	0.00077	0.00028	mg/Kg	☼	10/11/25 10:32	10/12/25 20:15	1
1,2-Dichloroethane	0.00077	U	0.00077	0.00023	mg/Kg	☼	10/11/25 10:32	10/12/25 20:15	1
1,2-Dichloropropane	0.00077	U	0.00077	0.00032	mg/Kg	☼	10/11/25 10:32	10/12/25 20:15	1
1,3,5-Trimethylbenzene	0.00077	U	0.00077	0.00024	mg/Kg	☼	10/11/25 10:32	10/12/25 20:15	1
1,3-Dichlorobenzene	0.00077	U	0.00077	0.00028	mg/Kg	☼	10/11/25 10:32	10/12/25 20:15	1
1,4-Dichlorobenzene	0.00077	U	0.00077	0.00040	mg/Kg	☼	10/11/25 10:32	10/12/25 20:15	1
2-Butanone (MEK)	0.0038	U	0.0038	0.00028	mg/Kg	☼	10/11/25 10:32	10/12/25 20:15	1
2-Hexanone	0.0038	U	0.0038	0.0013	mg/Kg	☼	10/11/25 10:32	10/12/25 20:15	1
4-Methyl-2-pentanone (MIBK)	0.0038	U	0.0038	0.0012	mg/Kg	☼	10/11/25 10:32	10/12/25 20:15	1
Acetone	**0.054**		0.0046	0.0044	mg/Kg	☼	10/11/25 10:32	10/12/25 20:15	1
Benzene	0.00077	U	0.00077	0.00043	mg/Kg	☼	10/11/25 10:32	10/12/25 20:15	1
Bromoform	0.00077	U	0.00077	0.00033	mg/Kg	☼	10/11/25 10:32	10/12/25 20:15	1
Bromomethane	0.0015	U *	0.0015	0.00077	mg/Kg	☼	10/11/25 10:32	10/12/25 20:15	1

Client Sample ID: 5D2_7-8
Date Collected: 10/08/25 12:25
Date Received: 10/08/25 17:00

Lab Sample ID: 460-336761-60
Matrix: Solid
Percent Solids: 88.0

Method: SW846 8260D - Volatile Organic Compounds by GC/MS (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Carbon disulfide	0.00077	U	0.00077	0.00020	mg/Kg	☼	10/11/25 10:32	10/12/25 20:15	1
Carbon tetrachloride	0.00077	U	0.00077	0.00030	mg/Kg	☼	10/11/25 10:32	10/12/25 20:15	1
Chlorobenzene	0.00077	U	0.00077	0.00039	mg/Kg	☼	10/11/25 10:32	10/12/25 20:15	1
Chlorobromomethane	0.00077	U	0.00077	0.00046	mg/Kg	☼	10/11/25 10:32	10/12/25 20:15	1
Chlorodibromomethane	0.00077	U	0.00077	0.00041	mg/Kg	☼	10/11/25 10:32	10/12/25 20:15	1
Chloroethane	0.00077	U	0.00077	0.00040	mg/Kg	☼	10/11/25 10:32	10/12/25 20:15	1
Chloroform	0.00077	U	0.00077	0.00074	mg/Kg	☼	10/11/25 10:32	10/12/25 20:15	1
Chloromethane	0.00077	U	0.00077	0.00033	mg/Kg	☼	10/11/25 10:32	10/12/25 20:15	1
cis-1,2-Dichloroethene	0.00077	U	0.00077	0.00027	mg/Kg	☼	10/11/25 10:32	10/12/25 20:15	1
cis-1,3-Dichloropropene	0.00077	U	0.00077	0.00021	mg/Kg	☼	10/11/25 10:32	10/12/25 20:15	1
Cyclohexane	0.00077	U	0.00077	0.00017	mg/Kg	☼	10/11/25 10:32	10/12/25 20:15	1
Dichlorobromomethane	0.00077	U	0.00077	0.00020	mg/Kg	☼	10/11/25 10:32	10/12/25 20:15	1
Dichlorodifluoromethane	0.00077	U	0.00077	0.00026	mg/Kg	☼	10/11/25 10:32	10/12/25 20:15	1
Ethylbenzene	0.00077	U	0.00077	0.00036	mg/Kg	☼	10/11/25 10:32	10/12/25 20:15	1
Ethylene Dibromide	0.00077	U	0.00077	0.00039	mg/Kg	☼	10/11/25 10:32	10/12/25 20:15	1
Isopropylbenzene	0.00077	U	0.00077	0.00022	mg/Kg	☼	10/11/25 10:32	10/12/25 20:15	1
Methyl acetate	0.0038	U	0.0038	0.0033	mg/Kg	☼	10/11/25 10:32	10/12/25 20:15	1
Methyl tert-butyl ether	0.00077	U	0.00077	0.00039	mg/Kg	☼	10/11/25 10:32	10/12/25 20:15	1
Methylcyclohexane	0.00077	U	0.00077	0.00038	mg/Kg	☼	10/11/25 10:32	10/12/25 20:15	1
Methylene Chloride	0.0015	U	0.0015	0.00088	mg/Kg	☼	10/11/25 10:32	10/12/25 20:15	1
m-Xylene & p-Xylene	0.00077	U	0.00077	0.00032	mg/Kg	☼	10/11/25 10:32	10/12/25 20:15	1
n-Butylbenzene	0.00077	U	0.00077	0.00023	mg/Kg	☼	10/11/25 10:32	10/12/25 20:15	1
N-Propylbenzene	0.00077	U	0.00077	0.00034	mg/Kg	☼	10/11/25 10:32	10/12/25 20:15	1
o-Xylene	0.00077	U	0.00077	0.00035	mg/Kg	☼	10/11/25 10:32	10/12/25 20:15	1
sec-Butylbenzene	0.00077	U	0.00077	0.00022	mg/Kg	☼	10/11/25 10:32	10/12/25 20:15	1
Styrene	0.00077	U	0.00077	0.00021	mg/Kg	☼	10/11/25 10:32	10/12/25 20:15	1
tert-Butylbenzene	0.00077	U	0.00077	0.00021	mg/Kg	☼	10/11/25 10:32	10/12/25 20:15	1
Tetrachloroethene	0.00077	U	0.00077	0.00023	mg/Kg	☼	10/11/25 10:32	10/12/25 20:15	1
Toluene	**0.00039**	**J**	0.00077	0.00018	mg/Kg	☼	10/11/25 10:32	10/12/25 20:15	1
trans-1,2-Dichloroethene	0.00077	U	0.00077	0.00019	mg/Kg	☼	10/11/25 10:32	10/12/25 20:15	1
trans-1,3-Dichloropropene	0.00077	U *	0.00077	0.00020	mg/Kg	☼	10/11/25 10:32	10/12/25 20:15	1
Trichloroethene	0.00077	U	0.00077	0.00025	mg/Kg	☼	10/11/25 10:32	10/12/25 20:15	1
Trichlorofluoromethane	0.00077	U	0.00077	0.00031	mg/Kg	☼	10/11/25 10:32	10/12/25 20:15	1
Vinyl chloride	0.00077	U	0.00077	0.00042	mg/Kg	☼	10/11/25 10:32	10/12/25 20:15	1
Xylenes, Total	**0.00030**	**J**	0.0015	0.00013	mg/Kg	☼	10/11/25 10:32	10/12/25 20:15	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,2-Dichloroethane-d4 (Surr)	*84*		*65 - 138*	*10/11/25 10:32*	*10/12/25 20:15*	*1*
4-Bromofluorobenzene	*97*		*71 - 128*	*10/11/25 10:32*	*10/12/25 20:15*	*1*
Dibromofluoromethane (Surr)	*96*		*50 - 150*	*10/11/25 10:32*	*10/12/25 20:15*	*1*
Toluene-d8 (Surr)	*101*		*71 - 126*	*10/11/25 10:32*	*10/12/25 20:15*	*1*

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Percent Moisture (EPA Moisture)	**12.0**		1.0	1.0	%			10/12/25 17:49	1
Percent Solids (EPA Moisture)	**88.0**		1.0	1.0	%			10/12/25 17:49	1

Client Sample ID: 5D3_8-9
Date Collected: 10/08/25 12:30
Date Received: 10/08/25 17:00

Lab Sample ID: 460-336761-61
Matrix: Solid
Percent Solids: 88.3

Method: SW846 8260D - Volatile Organic Compounds by GC/MS

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1-Trichloroethane	0.0016	U	0.0016	0.00038	mg/Kg	☼	10/11/25 10:32	10/12/25 20:39	1
1,1,2,2-Tetrachloroethane	0.0016	U	0.0016	0.00084	mg/Kg	☼	10/11/25 10:32	10/12/25 20:39	1
1,1,2-Trichloro-1,2,2-trifluoroethane	0.0016	U	0.0016	0.00049	mg/Kg	☼	10/11/25 10:32	10/12/25 20:39	1
1,1,2-Trichloroethane	0.0016	U	0.0016	0.00097	mg/Kg	☼	10/11/25 10:32	10/12/25 20:39	1
1,1-Dichloroethane	0.0016	U	0.0016	0.00096	mg/Kg	☼	10/11/25 10:32	10/12/25 20:39	1
1,1-Dichloroethene	0.0016	U	0.0016	0.00036	mg/Kg	☼	10/11/25 10:32	10/12/25 20:39	1
1,2,3-Trichlorobenzene	0.0016	U	0.0016	0.0012	mg/Kg	☼	10/11/25 10:32	10/12/25 20:39	1
1,2,4-Trichlorobenzene	0.0016	U	0.0016	0.00058	mg/Kg	☼	10/11/25 10:32	10/12/25 20:39	1
1,2,4-Trimethylbenzene	0.0016	U	0.0016	0.00040	mg/Kg	☼	10/11/25 10:32	10/12/25 20:39	1
1,2-Dibromo-3-Chloropropane	0.0016	U	0.0016	0.00074	mg/Kg	☼	10/11/25 10:32	10/12/25 20:39	1
1,2-Dichlorobenzene	0.0016	U	0.0016	0.00058	mg/Kg	☼	10/11/25 10:32	10/12/25 20:39	1
1,2-Dichloroethane	0.0016	U	0.0016	0.00048	mg/Kg	☼	10/11/25 10:32	10/12/25 20:39	1
1,2-Dichloropropane	0.0016	U	0.0016	0.00068	mg/Kg	☼	10/11/25 10:32	10/12/25 20:39	1
1,3,5-Trimethylbenzene	0.0016	U	0.0016	0.00051	mg/Kg	☼	10/11/25 10:32	10/12/25 20:39	1
1,3-Dichlorobenzene	0.0016	U	0.0016	0.00059	mg/Kg	☼	10/11/25 10:32	10/12/25 20:39	1
1,4-Dichlorobenzene	0.0016	U	0.0016	0.00084	mg/Kg	☼	10/11/25 10:32	10/12/25 20:39	1
2-Butanone (MEK)	0.0081	U	0.0081	0.00059	mg/Kg	☼	10/11/25 10:32	10/12/25 20:39	1
2-Hexanone	0.0081	U	0.0081	0.0028	mg/Kg	☼	10/11/25 10:32	10/12/25 20:39	1
4-Methyl-2-pentanone (MIBK)	0.0081	U	0.0081	0.0025	mg/Kg	☼	10/11/25 10:32	10/12/25 20:39	1
Acetone	**0.11**		0.0097	0.0092	mg/Kg	☼	10/11/25 10:32	10/12/25 20:39	1
Benzene	0.0016	U	0.0016	0.00091	mg/Kg	☼	10/11/25 10:32	10/12/25 20:39	1
Bromoform	0.0016	U	0.0016	0.00069	mg/Kg	☼	10/11/25 10:32	10/12/25 20:39	1
Bromomethane	0.0032	U *	0.0032	0.0016	mg/Kg	☼	10/11/25 10:32	10/12/25 20:39	1
Carbon disulfide	0.0016	U	0.0016	0.00043	mg/Kg	☼	10/11/25 10:32	10/12/25 20:39	1
Carbon tetrachloride	0.0016	U	0.0016	0.00062	mg/Kg	☼	10/11/25 10:32	10/12/25 20:39	1
Chlorobenzene	0.0016	U	0.0016	0.00082	mg/Kg	☼	10/11/25 10:32	10/12/25 20:39	1
Chlorobromomethane	0.0016	U	0.0016	0.00096	mg/Kg	☼	10/11/25 10:32	10/12/25 20:39	1
Chlorodibromomethane	0.0016	U	0.0016	0.00087	mg/Kg	☼	10/11/25 10:32	10/12/25 20:39	1
Chloroethane	0.0016	U	0.0016	0.00084	mg/Kg	☼	10/11/25 10:32	10/12/25 20:39	1
Chloroform	0.0016	U	0.0016	0.0016	mg/Kg	☼	10/11/25 10:32	10/12/25 20:39	1
Chloromethane	0.0016	U	0.0016	0.00070	mg/Kg	☼	10/11/25 10:32	10/12/25 20:39	1
cis-1,2-Dichloroethene	0.0016	U	0.0016	0.00058	mg/Kg	☼	10/11/25 10:32	10/12/25 20:39	1
cis-1,3-Dichloropropene	0.0016	U	0.0016	0.00044	mg/Kg	☼	10/11/25 10:32	10/12/25 20:39	1
Cyclohexane	0.0016	U	0.0016	0.00036	mg/Kg	☼	10/11/25 10:32	10/12/25 20:39	1
Dichlorobromomethane	0.0016	U	0.0016	0.00041	mg/Kg	☼	10/11/25 10:32	10/12/25 20:39	1
Dichlorodifluoromethane	0.0016	U	0.0016	0.00055	mg/Kg	☼	10/11/25 10:32	10/12/25 20:39	1
Ethylbenzene	0.0016	U	0.0016	0.00076	mg/Kg	☼	10/11/25 10:32	10/12/25 20:39	1
Ethylene Dibromide	0.0016	U	0.0016	0.00081	mg/Kg	☼	10/11/25 10:32	10/12/25 20:39	1
Isopropylbenzene	0.0016	U	0.0016	0.00046	mg/Kg	☼	10/11/25 10:32	10/12/25 20:39	1
Methyl acetate	0.0081	U	0.0081	0.0069	mg/Kg	☼	10/11/25 10:32	10/12/25 20:39	1
Methyl tert-butyl ether	0.0016	U	0.0016	0.00083	mg/Kg	☼	10/11/25 10:32	10/12/25 20:39	1
Methylcyclohexane	0.0016	U	0.0016	0.00081	mg/Kg	☼	10/11/25 10:32	10/12/25 20:39	1
Methylene Chloride	0.0032	U	0.0032	0.0018	mg/Kg	☼	10/11/25 10:32	10/12/25 20:39	1
m-Xylene & p-Xylene	0.0016	U	0.0016	0.00068	mg/Kg	☼	10/11/25 10:32	10/12/25 20:39	1
n-Butylbenzene	0.0016	U	0.0016	0.00047	mg/Kg	☼	10/11/25 10:32	10/12/25 20:39	1
N-Propylbenzene	0.0016	U	0.0016	0.00072	mg/Kg	☼	10/11/25 10:32	10/12/25 20:39	1
o-Xylene	0.0016	U	0.0016	0.00074	mg/Kg	☼	10/11/25 10:32	10/12/25 20:39	1
sec-Butylbenzene	0.0016	U	0.0016	0.00046	mg/Kg	☼	10/11/25 10:32	10/12/25 20:39	1
Styrene	0.0016	U	0.0016	0.00045	mg/Kg	☼	10/11/25 10:32	10/12/25 20:39	1

Client Sample ID: 5D3_8-9

Lab Sample ID: 460-336761-61

Date Collected: 10/08/25 12:30

Matrix: Solid

Date Received: 10/08/25 17:00

Percent Solids: 88.3

Method: SW846 8260D - Volatile Organic Compounds by GC/MS (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
tert-Butylbenzene	0.0016	U	0.0016	0.00045	mg/Kg	☼	10/11/25 10:32	10/12/25 20:39	1
Tetrachloroethene	0.0016	U	0.0016	0.00049	mg/Kg	☼	10/11/25 10:32	10/12/25 20:39	1
Toluene	0.0016	U	0.0016	0.00038	mg/Kg	☼	10/11/25 10:32	10/12/25 20:39	1
trans-1,2-Dichloroethene	0.0016	U	0.0016	0.00040	mg/Kg	☼	10/11/25 10:32	10/12/25 20:39	1
trans-1,3-Dichloropropene	0.0016	U *	0.0016	0.00043	mg/Kg	☼	10/11/25 10:32	10/12/25 20:39	1
Trichloroethene	0.0016	U	0.0016	0.00052	mg/Kg	☼	10/11/25 10:32	10/12/25 20:39	1
Trichlorofluoromethane	0.0016	U	0.0016	0.00066	mg/Kg	☼	10/11/25 10:32	10/12/25 20:39	1
Vinyl chloride	0.0016	U	0.0016	0.00088	mg/Kg	☼	10/11/25 10:32	10/12/25 20:39	1
Xylenes, Total	0.0032	U	0.0032	0.00028	mg/Kg	☼	10/11/25 10:32	10/12/25 20:39	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,2-Dichloroethane-d4 (Surr)	*85*		*65 - 138*	*10/11/25 10:32*	*10/12/25 20:39*	*1*
4-Bromofluorobenzene	*93*		*71 - 128*	*10/11/25 10:32*	*10/12/25 20:39*	*1*
Dibromofluoromethane (Surr)	*98*		*50 - 150*	*10/11/25 10:32*	*10/12/25 20:39*	*1*
Toluene-d8 (Surr)	*99*		*71 - 126*	*10/11/25 10:32*	*10/12/25 20:39*	*1*

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Percent Moisture (EPA Moisture)	**11.7**		1.0	1.0	%			10/12/25 17:49	1
Percent Solids (EPA Moisture)	**88.3**		1.0	1.0	%			10/12/25 17:49	1

Client Sample ID: 5D2_9-10

Lab Sample ID: 460-336761-62

Date Collected: 10/08/25 12:35

Matrix: Solid

Date Received: 10/08/25 17:00

Percent Solids: 88.4

Method: SW846 8260D - Volatile Organic Compounds by GC/MS

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1-Trichloroethane	0.0012	U	0.0012	0.00029	mg/Kg	☼	10/11/25 10:33	10/12/25 21:03	1
1,1,2,2-Tetrachloroethane	0.0012	U	0.0012	0.00064	mg/Kg	☼	10/11/25 10:33	10/12/25 21:03	1
1,1,2-Trichloro-1,2,2-trifluoroethane	0.0012	U	0.0012	0.00037	mg/Kg	☼	10/11/25 10:33	10/12/25 21:03	1
1,1,2-Trichloroethane	0.0012	U	0.0012	0.00074	mg/Kg	☼	10/11/25 10:33	10/12/25 21:03	1
1,1-Dichloroethane	0.0012	U	0.0012	0.00073	mg/Kg	☼	10/11/25 10:33	10/12/25 21:03	1
1,1-Dichloroethene	0.0012	U	0.0012	0.00028	mg/Kg	☼	10/11/25 10:33	10/12/25 21:03	1
1,2,3-Trichlorobenzene	0.0012	U	0.0012	0.00091	mg/Kg	☼	10/11/25 10:33	10/12/25 21:03	1
1,2,4-Trichlorobenzene	0.0012	U	0.0012	0.00044	mg/Kg	☼	10/11/25 10:33	10/12/25 21:03	1
1,2,4-Trimethylbenzene	0.0012	U	0.0012	0.00030	mg/Kg	☼	10/11/25 10:33	10/12/25 21:03	1
1,2-Dibromo-3-Chloropropane	0.0012	U	0.0012	0.00056	mg/Kg	☼	10/11/25 10:33	10/12/25 21:03	1
1,2-Dichlorobenzene	0.0012	U	0.0012	0.00044	mg/Kg	☼	10/11/25 10:33	10/12/25 21:03	1
1,2-Dichloroethane	0.0012	U	0.0012	0.00036	mg/Kg	☼	10/11/25 10:33	10/12/25 21:03	1
1,2-Dichloropropane	0.0012	U	0.0012	0.00052	mg/Kg	☼	10/11/25 10:33	10/12/25 21:03	1
1,3,5-Trimethylbenzene	0.0012	U	0.0012	0.00039	mg/Kg	☼	10/11/25 10:33	10/12/25 21:03	1
1,3-Dichlorobenzene	0.0012	U	0.0012	0.00045	mg/Kg	☼	10/11/25 10:33	10/12/25 21:03	1
1,4-Dichlorobenzene	0.0012	U	0.0012	0.00064	mg/Kg	☼	10/11/25 10:33	10/12/25 21:03	1
2-Butanone (MEK)	0.0061	U	0.0061	0.00045	mg/Kg	☼	10/11/25 10:33	10/12/25 21:03	1
2-Hexanone	0.0061	U	0.0061	0.0021	mg/Kg	☼	10/11/25 10:33	10/12/25 21:03	1
4-Methyl-2-pentanone (MIBK)	0.0061	U	0.0061	0.0019	mg/Kg	☼	10/11/25 10:33	10/12/25 21:03	1
Acetone	**0.14**		0.0074	0.0070	mg/Kg	☼	10/11/25 10:33	10/12/25 21:03	1
Benzene	0.0012	U	0.0012	0.00070	mg/Kg	☼	10/11/25 10:33	10/12/25 21:03	1
Bromoform	0.0012	U	0.0012	0.00052	mg/Kg	☼	10/11/25 10:33	10/12/25 21:03	1
Bromomethane	0.0025	U *	0.0025	0.0012	mg/Kg	☼	10/11/25 10:33	10/12/25 21:03	1

Client Sample ID: 5D2_9-10
Date Collected: 10/08/25 12:35
Date Received: 10/08/25 17:00

Lab Sample ID: 460-336761-62
Matrix: Solid
Percent Solids: 88.4

Method: SW846 8260D - Volatile Organic Compounds by GC/MS (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Carbon disulfide	0.0012	U	0.0012	0.00033	mg/Kg	☼	10/11/25 10:33	10/12/25 21:03	1
Carbon tetrachloride	0.0012	U	0.0012	0.00047	mg/Kg	☼	10/11/25 10:33	10/12/25 21:03	1
Chlorobenzene	0.0012	U	0.0012	0.00062	mg/Kg	☼	10/11/25 10:33	10/12/25 21:03	1
Chlorobromomethane	0.0012	U	0.0012	0.00073	mg/Kg	☼	10/11/25 10:33	10/12/25 21:03	1
Chlorodibromomethane	0.0012	U	0.0012	0.00066	mg/Kg	☼	10/11/25 10:33	10/12/25 21:03	1
Chloroethane	0.0012	U	0.0012	0.00064	mg/Kg	☼	10/11/25 10:33	10/12/25 21:03	1
Chloroform	0.0012	U	0.0012	0.0012	mg/Kg	☼	10/11/25 10:33	10/12/25 21:03	1
Chloromethane	0.0012	U	0.0012	0.00053	mg/Kg	☼	10/11/25 10:33	10/12/25 21:03	1
cis-1,2-Dichloroethene	0.0012	U	0.0012	0.00044	mg/Kg	☼	10/11/25 10:33	10/12/25 21:03	1
cis-1,3-Dichloropropene	0.0012	U	0.0012	0.00033	mg/Kg	☼	10/11/25 10:33	10/12/25 21:03	1
Cyclohexane	0.0012	U	0.0012	0.00027	mg/Kg	☼	10/11/25 10:33	10/12/25 21:03	1
Dichlorobromomethane	0.0012	U	0.0012	0.00032	mg/Kg	☼	10/11/25 10:33	10/12/25 21:03	1
Dichlorodifluoromethane	0.0012	U	0.0012	0.00041	mg/Kg	☼	10/11/25 10:33	10/12/25 21:03	1
Ethylbenzene	0.0012	U	0.0012	0.00057	mg/Kg	☼	10/11/25 10:33	10/12/25 21:03	1
Ethylene Dibromide	0.0012	U	0.0012	0.00062	mg/Kg	☼	10/11/25 10:33	10/12/25 21:03	1
Isopropylbenzene	0.0012	U	0.0012	0.00035	mg/Kg	☼	10/11/25 10:33	10/12/25 21:03	1
Methyl acetate	0.0061	U	0.0061	0.0053	mg/Kg	☼	10/11/25 10:33	10/12/25 21:03	1
Methyl tert-butyl ether	0.0012	U	0.0012	0.00063	mg/Kg	☼	10/11/25 10:33	10/12/25 21:03	1
Methylcyclohexane	0.0012	U	0.0012	0.00061	mg/Kg	☼	10/11/25 10:33	10/12/25 21:03	1
Methylene Chloride	0.0025	U	0.0025	0.0014	mg/Kg	☼	10/11/25 10:33	10/12/25 21:03	1
m-Xylene & p-Xylene	0.0012	U	0.0012	0.00052	mg/Kg	☼	10/11/25 10:33	10/12/25 21:03	1
n-Butylbenzene	0.0012	U	0.0012	0.00036	mg/Kg	☼	10/11/25 10:33	10/12/25 21:03	1
N-Propylbenzene	0.0012	U	0.0012	0.00055	mg/Kg	☼	10/11/25 10:33	10/12/25 21:03	1
o-Xylene	0.0012	U	0.0012	0.00057	mg/Kg	☼	10/11/25 10:33	10/12/25 21:03	1
sec-Butylbenzene	0.0012	U	0.0012	0.00035	mg/Kg	☼	10/11/25 10:33	10/12/25 21:03	1
Styrene	0.0012	U	0.0012	0.00034	mg/Kg	☼	10/11/25 10:33	10/12/25 21:03	1
tert-Butylbenzene	0.0012	U	0.0012	0.00034	mg/Kg	☼	10/11/25 10:33	10/12/25 21:03	1
Tetrachloroethene	0.0012	U	0.0012	0.00037	mg/Kg	☼	10/11/25 10:33	10/12/25 21:03	1
Toluene	0.0012	U	0.0012	0.00029	mg/Kg	☼	10/11/25 10:33	10/12/25 21:03	1
trans-1,2-Dichloroethene	0.0012	U	0.0012	0.00030	mg/Kg	☼	10/11/25 10:33	10/12/25 21:03	1
trans-1,3-Dichloropropene	0.0012	U *	0.0012	0.00033	mg/Kg	☼	10/11/25 10:33	10/12/25 21:03	1
Trichloroethene	0.0012	U	0.0012	0.00039	mg/Kg	☼	10/11/25 10:33	10/12/25 21:03	1
Trichlorofluoromethane	0.0012	U	0.0012	0.00050	mg/Kg	☼	10/11/25 10:33	10/12/25 21:03	1
Vinyl chloride	0.0012	U	0.0012	0.00067	mg/Kg	☼	10/11/25 10:33	10/12/25 21:03	1
Xylenes, Total	0.0025	U	0.0025	0.00021	mg/Kg	☼	10/11/25 10:33	10/12/25 21:03	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,2-Dichloroethane-d4 (Surr)	*85*		*65 - 138*	*10/11/25 10:33*	*10/12/25 21:03*	*1*
4-Bromofluorobenzene	*94*		*71 - 128*	*10/11/25 10:33*	*10/12/25 21:03*	*1*
Dibromofluoromethane (Surr)	*97*		*50 - 150*	*10/11/25 10:33*	*10/12/25 21:03*	*1*
Toluene-d8 (Surr)	*100*		*71 - 126*	*10/11/25 10:33*	*10/12/25 21:03*	*1*

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Percent Moisture (EPA Moisture)	**11.6**		1.0	1.0	%			10/12/25 17:49	1
Percent Solids (EPA Moisture)	**88.4**		1.0	1.0	%			10/12/25 17:49	1

Client: Haley & Aldrich, Inc.
Project/Site: Former Port Mobil

Job ID: 460-336761-1

Client Sample ID: 5E1_1-2
Date Collected: 10/08/25 12:40
Date Received: 10/08/25 17:00

Lab Sample ID: 460-336761-63
Matrix: Solid
Percent Solids: 91.2

Method: SW846 8260D - Volatile Organic Compounds by GC/MS

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1-Trichloroethane	0.0010	U	0.0010	0.00023	mg/Kg	☼	10/11/25 10:33	10/12/25 21:27	1
1,1,2,2-Tetrachloroethane	0.0010	U	0.0010	0.00052	mg/Kg	☼	10/11/25 10:33	10/12/25 21:27	1
1,1,2-Trichloro-1,2,2-trifluoroethane	0.0010	U	0.0010	0.00030	mg/Kg	☼	10/11/25 10:33	10/12/25 21:27	1
1,1,2-Trichloroethane	0.0010	U	0.0010	0.00060	mg/Kg	☼	10/11/25 10:33	10/12/25 21:27	1
1,1-Dichloroethane	0.0010	U	0.0010	0.00060	mg/Kg	☼	10/11/25 10:33	10/12/25 21:27	1
1,1-Dichloroethene	0.0010	U	0.0010	0.00023	mg/Kg	☼	10/11/25 10:33	10/12/25 21:27	1
1,2,3-Trichlorobenzene	0.0010	U	0.0010	0.00074	mg/Kg	☼	10/11/25 10:33	10/12/25 21:27	1
1,2,4-Trichlorobenzene	0.0010	U	0.0010	0.00036	mg/Kg	☼	10/11/25 10:33	10/12/25 21:27	1
1,2,4-Trimethylbenzene	0.0010	U	0.0010	0.00025	mg/Kg	☼	10/11/25 10:33	10/12/25 21:27	1
1,2-Dibromo-3-Chloropropane	0.0010	U	0.0010	0.00046	mg/Kg	☼	10/11/25 10:33	10/12/25 21:27	1
1,2-Dichlorobenzene	0.0010	U	0.0010	0.00036	mg/Kg	☼	10/11/25 10:33	10/12/25 21:27	1
1,2-Dichloroethane	0.0010	U	0.0010	0.00030	mg/Kg	☼	10/11/25 10:33	10/12/25 21:27	1
1,2-Dichloropropane	0.0010	U	0.0010	0.00043	mg/Kg	☼	10/11/25 10:33	10/12/25 21:27	1
1,3,5-Trimethylbenzene	0.0010	U	0.0010	0.00032	mg/Kg	☼	10/11/25 10:33	10/12/25 21:27	1
1,3-Dichlorobenzene	0.0010	U	0.0010	0.00037	mg/Kg	☼	10/11/25 10:33	10/12/25 21:27	1
1,4-Dichlorobenzene	0.0010	U	0.0010	0.00052	mg/Kg	☼	10/11/25 10:33	10/12/25 21:27	1
2-Butanone (MEK)	0.0050	U	0.0050	0.00037	mg/Kg	☼	10/11/25 10:33	10/12/25 21:27	1
2-Hexanone	0.0050	U	0.0050	0.0017	mg/Kg	☼	10/11/25 10:33	10/12/25 21:27	1
4-Methyl-2-pentanone (MIBK)	0.0050	U	0.0050	0.0016	mg/Kg	☼	10/11/25 10:33	10/12/25 21:27	1
Acetone	0.0060	U	0.0060	0.0057	mg/Kg	☼	10/11/25 10:33	10/12/25 21:27	1
Benzene	0.0010	U	0.0010	0.00057	mg/Kg	☼	10/11/25 10:33	10/12/25 21:27	1
Bromoform	0.0010	U	0.0010	0.00043	mg/Kg	☼	10/11/25 10:33	10/12/25 21:27	1
Bromomethane	0.0020	U *	0.0020	0.0010	mg/Kg	☼	10/11/25 10:33	10/12/25 21:27	1
Carbon disulfide	0.0010	U	0.0010	0.00027	mg/Kg	☼	10/11/25 10:33	10/12/25 21:27	1
Carbon tetrachloride	0.0010	U	0.0010	0.00039	mg/Kg	☼	10/11/25 10:33	10/12/25 21:27	1
Chlorobenzene	0.0010	U	0.0010	0.00051	mg/Kg	☼	10/11/25 10:33	10/12/25 21:27	1
Chlorobromomethane	0.0010	U	0.0010	0.00060	mg/Kg	☼	10/11/25 10:33	10/12/25 21:27	1
Chlorodibromomethane	0.0010	U	0.0010	0.00054	mg/Kg	☼	10/11/25 10:33	10/12/25 21:27	1
Chloroethane	0.0010	U	0.0010	0.00052	mg/Kg	☼	10/11/25 10:33	10/12/25 21:27	1
Chloroform	0.0010	U	0.0010	0.00098	mg/Kg	☼	10/11/25 10:33	10/12/25 21:27	1
Chloromethane	0.0010	U	0.0010	0.00044	mg/Kg	☼	10/11/25 10:33	10/12/25 21:27	1
cis-1,2-Dichloroethene	0.0010	U	0.0010	0.00036	mg/Kg	☼	10/11/25 10:33	10/12/25 21:27	1
cis-1,3-Dichloropropene	0.0010	U	0.0010	0.00027	mg/Kg	☼	10/11/25 10:33	10/12/25 21:27	1
Cyclohexane	0.0010	U	0.0010	0.00022	mg/Kg	☼	10/11/25 10:33	10/12/25 21:27	1
Dichlorobromomethane	0.0010	U	0.0010	0.00026	mg/Kg	☼	10/11/25 10:33	10/12/25 21:27	1
Dichlorodifluoromethane	0.0010	U	0.0010	0.00034	mg/Kg	☼	10/11/25 10:33	10/12/25 21:27	1
Ethylbenzene	0.0010	U	0.0010	0.00047	mg/Kg	☼	10/11/25 10:33	10/12/25 21:27	1
Ethylene Dibromide	0.0010	U	0.0010	0.00051	mg/Kg	☼	10/11/25 10:33	10/12/25 21:27	1
Isopropylbenzene	0.0010	U	0.0010	0.00029	mg/Kg	☼	10/11/25 10:33	10/12/25 21:27	1
Methyl acetate	0.0050	U	0.0050	0.0043	mg/Kg	☼	10/11/25 10:33	10/12/25 21:27	1
Methyl tert-butyl ether	0.0010	U	0.0010	0.00051	mg/Kg	☼	10/11/25 10:33	10/12/25 21:27	1
Methylcyclohexane	0.0010	U	0.0010	0.00050	mg/Kg	☼	10/11/25 10:33	10/12/25 21:27	1
Methylene Chloride	0.0020	U	0.0020	0.0012	mg/Kg	☼	10/11/25 10:33	10/12/25 21:27	1
m-Xylene & p-Xylene	0.0010	U	0.0010	0.00043	mg/Kg	☼	10/11/25 10:33	10/12/25 21:27	1
n-Butylbenzene	0.0010	U	0.0010	0.00030	mg/Kg	☼	10/11/25 10:33	10/12/25 21:27	1
N-Propylbenzene	0.0010	U	0.0010	0.00045	mg/Kg	☼	10/11/25 10:33	10/12/25 21:27	1
o-Xylene	0.0010	U	0.0010	0.00046	mg/Kg	☼	10/11/25 10:33	10/12/25 21:27	1
sec-Butylbenzene	0.0010	U	0.0010	0.00029	mg/Kg	☼	10/11/25 10:33	10/12/25 21:27	1
Styrene	0.0010	U	0.0010	0.00028	mg/Kg	☼	10/11/25 10:33	10/12/25 21:27	1

Client Sample ID: 5E1_1-2

Date Collected: 10/08/25 12:40
Date Received: 10/08/25 17:00

Lab Sample ID: 460-336761-63

Matrix: Solid
Percent Solids: 91.2

Method: SW846 8260D - Volatile Organic Compounds by GC/MS (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
tert-Butylbenzene	0.0010	U	0.0010	0.00028	mg/Kg	☼	10/11/25 10:33	10/12/25 21:27	1
Tetrachloroethene	0.0010	U	0.0010	0.00031	mg/Kg	☼	10/11/25 10:33	10/12/25 21:27	1
Toluene	0.0010	U	0.0010	0.00024	mg/Kg	☼	10/11/25 10:33	10/12/25 21:27	1
trans-1,2-Dichloroethene	0.0010	U	0.0010	0.00025	mg/Kg	☼	10/11/25 10:33	10/12/25 21:27	1
trans-1,3-Dichloropropene	0.0010	U *	0.0010	0.00027	mg/Kg	☼	10/11/25 10:33	10/12/25 21:27	1
Trichloroethene	0.0010	U	0.0010	0.00032	mg/Kg	☼	10/11/25 10:33	10/12/25 21:27	1
Trichlorofluoromethane	0.0010	U	0.0010	0.00041	mg/Kg	☼	10/11/25 10:33	10/12/25 21:27	1
Vinyl chloride	0.0010	U	0.0010	0.00055	mg/Kg	☼	10/11/25 10:33	10/12/25 21:27	1
Xylenes, Total	0.0020	U	0.0020	0.00017	mg/Kg	☼	10/11/25 10:33	10/12/25 21:27	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,2-Dichloroethane-d4 (Surr)	*86*		*65 - 138*	*10/11/25 10:33*	*10/12/25 21:27*	*1*
4-Bromofluorobenzene	*95*		*71 - 128*	*10/11/25 10:33*	*10/12/25 21:27*	*1*
Dibromofluoromethane (Surr)	*99*		*50 - 150*	*10/11/25 10:33*	*10/12/25 21:27*	*1*
Toluene-d8 (Surr)	*100*		*71 - 126*	*10/11/25 10:33*	*10/12/25 21:27*	*1*

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Percent Moisture (EPA Moisture)	**8.8**		1.0	1.0	%			10/12/25 17:49	1
Percent Solids (EPA Moisture)	**91.2**		1.0	1.0	%			10/12/25 17:49	1

Client Sample ID: 5E2_3-4

Date Collected: 10/08/25 12:45
Date Received: 10/08/25 17:00

Lab Sample ID: 460-336761-64

Matrix: Solid
Percent Solids: 88.6

Method: SW846 8260D - Volatile Organic Compounds by GC/MS

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1-Trichloroethane	0.0011	U	0.0011	0.00025	mg/Kg	☼	10/11/25 10:33	10/12/25 21:52	1
1,1,2,2-Tetrachloroethane	0.0011	U	0.0011	0.00056	mg/Kg	☼	10/11/25 10:33	10/12/25 21:52	1
1,1,2-Trichloro-1,2,2-trifluoroethane	0.0011	U	0.0011	0.00033	mg/Kg	☼	10/11/25 10:33	10/12/25 21:52	1
1,1,2-Trichloroethane	0.0011	U	0.0011	0.00065	mg/Kg	☼	10/11/25 10:33	10/12/25 21:52	1
1,1-Dichloroethane	0.0011	U	0.0011	0.00065	mg/Kg	☼	10/11/25 10:33	10/12/25 21:52	1
1,1-Dichloroethene	0.0011	U	0.0011	0.00024	mg/Kg	☼	10/11/25 10:33	10/12/25 21:52	1
1,2,3-Trichlorobenzene	0.0011	U	0.0011	0.00080	mg/Kg	☼	10/11/25 10:33	10/12/25 21:52	1
1,2,4-Trichlorobenzene	0.0011	U	0.0011	0.00039	mg/Kg	☼	10/11/25 10:33	10/12/25 21:52	1
1,2,4-Trimethylbenzene	0.0011	U	0.0011	0.00027	mg/Kg	☼	10/11/25 10:33	10/12/25 21:52	1
1,2-Dibromo-3-Chloropropane	0.0011	U	0.0011	0.00050	mg/Kg	☼	10/11/25 10:33	10/12/25 21:52	1
1,2-Dichlorobenzene	0.0011	U	0.0011	0.00039	mg/Kg	☼	10/11/25 10:33	10/12/25 21:52	1
1,2-Dichloroethane	0.0011	U	0.0011	0.00032	mg/Kg	☼	10/11/25 10:33	10/12/25 21:52	1
1,2-Dichloropropane	0.0011	U	0.0011	0.00046	mg/Kg	☼	10/11/25 10:33	10/12/25 21:52	1
1,3,5-Trimethylbenzene	0.0011	U	0.0011	0.00034	mg/Kg	☼	10/11/25 10:33	10/12/25 21:52	1
1,3-Dichlorobenzene	0.0011	U	0.0011	0.00039	mg/Kg	☼	10/11/25 10:33	10/12/25 21:52	1
1,4-Dichlorobenzene	0.0011	U	0.0011	0.00056	mg/Kg	☼	10/11/25 10:33	10/12/25 21:52	1
2-Butanone (MEK)	0.0054	U	0.0054	0.00040	mg/Kg	☼	10/11/25 10:33	10/12/25 21:52	1
2-Hexanone	0.0054	U	0.0054	0.0019	mg/Kg	☼	10/11/25 10:33	10/12/25 21:52	1
4-Methyl-2-pentanone (MIBK)	0.0054	U	0.0054	0.0017	mg/Kg	☼	10/11/25 10:33	10/12/25 21:52	1
Acetone	0.0065	U	0.0065	0.0062	mg/Kg	☼	10/11/25 10:33	10/12/25 21:52	1
Benzene	0.0011	U	0.0011	0.00061	mg/Kg	☼	10/11/25 10:33	10/12/25 21:52	1
Bromoform	0.0011	U	0.0011	0.00046	mg/Kg	☼	10/11/25 10:33	10/12/25 21:52	1
Bromomethane	0.0022	U *	0.0022	0.0011	mg/Kg	☼	10/11/25 10:33	10/12/25 21:52	1

Client Sample ID: 5E2_3-4
Date Collected: 10/08/25 12:45
Date Received: 10/08/25 17:00

Lab Sample ID: 460-336761-64
Matrix: Solid
Percent Solids: 88.6

Method: SW846 8260D - Volatile Organic Compounds by GC/MS (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Carbon disulfide	0.0011	U	0.0011	0.00029	mg/Kg	☼	10/11/25 10:33	10/12/25 21:52	1
Carbon tetrachloride	0.0011	U	0.0011	0.00042	mg/Kg	☼	10/11/25 10:33	10/12/25 21:52	1
Chlorobenzene	0.0011	U	0.0011	0.00055	mg/Kg	☼	10/11/25 10:33	10/12/25 21:52	1
Chlorobromomethane	0.0011	U	0.0011	0.00064	mg/Kg	☼	10/11/25 10:33	10/12/25 21:52	1
Chlorodibromomethane	0.0011	U	0.0011	0.00058	mg/Kg	☼	10/11/25 10:33	10/12/25 21:52	1
Chloroethane	0.0011	U	0.0011	0.00056	mg/Kg	☼	10/11/25 10:33	10/12/25 21:52	1
Chloroform	0.0011	U	0.0011	0.0011	mg/Kg	☼	10/11/25 10:33	10/12/25 21:52	1
Chloromethane	0.0011	U	0.0011	0.00047	mg/Kg	☼	10/11/25 10:33	10/12/25 21:52	1
cis-1,2-Dichloroethene	0.0011	U	0.0011	0.00039	mg/Kg	☼	10/11/25 10:33	10/12/25 21:52	1
cis-1,3-Dichloropropene	0.0011	U	0.0011	0.00030	mg/Kg	☼	10/11/25 10:33	10/12/25 21:52	1
Cyclohexane	0.0011	U	0.0011	0.00024	mg/Kg	☼	10/11/25 10:33	10/12/25 21:52	1
Dichlorobromomethane	0.0011	U	0.0011	0.00028	mg/Kg	☼	10/11/25 10:33	10/12/25 21:52	1
Dichlorodifluoromethane	0.0011	U	0.0011	0.00037	mg/Kg	☼	10/11/25 10:33	10/12/25 21:52	1
Ethylbenzene	0.0011	U	0.0011	0.00051	mg/Kg	☼	10/11/25 10:33	10/12/25 21:52	1
Ethylene Dibromide	0.0011	U	0.0011	0.00055	mg/Kg	☼	10/11/25 10:33	10/12/25 21:52	1
Isopropylbenzene	0.0011	U	0.0011	0.00031	mg/Kg	☼	10/11/25 10:33	10/12/25 21:52	1
Methyl acetate	0.0054	U	0.0054	0.0047	mg/Kg	☼	10/11/25 10:33	10/12/25 21:52	1
Methyl tert-butyl ether	0.0011	U	0.0011	0.00055	mg/Kg	☼	10/11/25 10:33	10/12/25 21:52	1
Methylcyclohexane	0.0011	U	0.0011	0.00054	mg/Kg	☼	10/11/25 10:33	10/12/25 21:52	1
Methylene Chloride	**0.0016**	**J**	0.0022	0.0012	mg/Kg	☼	10/11/25 10:33	10/12/25 21:52	1
m-Xylene & p-Xylene	0.0011	U	0.0011	0.00046	mg/Kg	☼	10/11/25 10:33	10/12/25 21:52	1
n-Butylbenzene	0.0011	U	0.0011	0.00032	mg/Kg	☼	10/11/25 10:33	10/12/25 21:52	1
N-Propylbenzene	0.0011	U	0.0011	0.00049	mg/Kg	☼	10/11/25 10:33	10/12/25 21:52	1
o-Xylene	0.0011	U	0.0011	0.00050	mg/Kg	☼	10/11/25 10:33	10/12/25 21:52	1
sec-Butylbenzene	0.0011	U	0.0011	0.00031	mg/Kg	☼	10/11/25 10:33	10/12/25 21:52	1
Styrene	0.0011	U	0.0011	0.00030	mg/Kg	☼	10/11/25 10:33	10/12/25 21:52	1
tert-Butylbenzene	0.0011	U	0.0011	0.00030	mg/Kg	☼	10/11/25 10:33	10/12/25 21:52	1
Tetrachloroethene	0.0011	U	0.0011	0.00033	mg/Kg	☼	10/11/25 10:33	10/12/25 21:52	1
Toluene	**0.00045**	**J**	0.0011	0.00025	mg/Kg	☼	10/11/25 10:33	10/12/25 21:52	1
trans-1,2-Dichloroethene	0.0011	U	0.0011	0.00027	mg/Kg	☼	10/11/25 10:33	10/12/25 21:52	1
trans-1,3-Dichloropropene	0.0011	U *	0.0011	0.00029	mg/Kg	☼	10/11/25 10:33	10/12/25 21:52	1
Trichloroethene	0.0011	U	0.0011	0.00035	mg/Kg	☼	10/11/25 10:33	10/12/25 21:52	1
Trichlorofluoromethane	0.0011	U	0.0011	0.00044	mg/Kg	☼	10/11/25 10:33	10/12/25 21:52	1
Vinyl chloride	0.0011	U	0.0011	0.00059	mg/Kg	☼	10/11/25 10:33	10/12/25 21:52	1
Xylenes, Total	0.0022	U	0.0022	0.00019	mg/Kg	☼	10/11/25 10:33	10/12/25 21:52	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,2-Dichloroethane-d4 (Surr)	*85*		*65 - 138*	*10/11/25 10:33*	*10/12/25 21:52*	*1*
4-Bromofluorobenzene	*95*		*71 - 128*	*10/11/25 10:33*	*10/12/25 21:52*	*1*
Dibromofluoromethane (Surr)	*98*		*50 - 150*	*10/11/25 10:33*	*10/12/25 21:52*	*1*
Toluene-d8 (Surr)	*100*		*71 - 126*	*10/11/25 10:33*	*10/12/25 21:52*	*1*

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Percent Moisture (EPA Moisture)	**11.4**		1.0	1.0	%			10/12/25 17:49	1
Percent Solids (EPA Moisture)	**88.6**		1.0	1.0	%			10/12/25 17:49	1

Client: Haley & Aldrich, Inc.
Project/Site: Former Port Mobil

Job ID: 460-336761-1

Client Sample ID: 5E3_4-5
Date Collected: 10/08/25 12:50
Date Received: 10/08/25 17:00

Lab Sample ID: 460-336761-65
Matrix: Solid
Percent Solids: 90.6

Method: SW846 8260D - Volatile Organic Compounds by GC/MS

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1-Trichloroethane	0.0015	U	0.0015	0.00035	mg/Kg	☼	10/11/25 10:34	10/12/25 22:16	1
1,1,2,2-Tetrachloroethane	0.0015	U	0.0015	0.00079	mg/Kg	☼	10/11/25 10:34	10/12/25 22:16	1
1,1,2-Trichloro-1,2,2-trifluoroethane	0.0015	U	0.0015	0.00045	mg/Kg	☼	10/11/25 10:34	10/12/25 22:16	1
1,1,2-Trichloroethane	0.0015	U	0.0015	0.00091	mg/Kg	☼	10/11/25 10:34	10/12/25 22:16	1
1,1-Dichloroethane	0.0015	U	0.0015	0.00090	mg/Kg	☼	10/11/25 10:34	10/12/25 22:16	1
1,1-Dichloroethene	0.0015	U	0.0015	0.00034	mg/Kg	☼	10/11/25 10:34	10/12/25 22:16	1
1,2,3-Trichlorobenzene	0.0015	U	0.0015	0.0011	mg/Kg	☼	10/11/25 10:34	10/12/25 22:16	1
1,2,4-Trichlorobenzene	0.0015	U	0.0015	0.00054	mg/Kg	☼	10/11/25 10:34	10/12/25 22:16	1
1,2,4-Trimethylbenzene	0.0015	U	0.0015	0.00037	mg/Kg	☼	10/11/25 10:34	10/12/25 22:16	1
1,2-Dibromo-3-Chloropropane	0.0015	U	0.0015	0.00069	mg/Kg	☼	10/11/25 10:34	10/12/25 22:16	1
1,2-Dichlorobenzene	0.0015	U	0.0015	0.00054	mg/Kg	☼	10/11/25 10:34	10/12/25 22:16	1
1,2-Dichloroethane	0.0015	U	0.0015	0.00045	mg/Kg	☼	10/11/25 10:34	10/12/25 22:16	1
1,2-Dichloropropane	0.0015	U	0.0015	0.00064	mg/Kg	☼	10/11/25 10:34	10/12/25 22:16	1
1,3,5-Trimethylbenzene	0.0015	U	0.0015	0.00047	mg/Kg	☼	10/11/25 10:34	10/12/25 22:16	1
1,3-Dichlorobenzene	0.0015	U	0.0015	0.00055	mg/Kg	☼	10/11/25 10:34	10/12/25 22:16	1
1,4-Dichlorobenzene	0.0015	U	0.0015	0.00078	mg/Kg	☼	10/11/25 10:34	10/12/25 22:16	1
2-Butanone (MEK)	0.0075	U	0.0075	0.00055	mg/Kg	☼	10/11/25 10:34	10/12/25 22:16	1
2-Hexanone	0.0075	U	0.0075	0.0026	mg/Kg	☼	10/11/25 10:34	10/12/25 22:16	1
4-Methyl-2-pentanone (MIBK)	0.0075	U	0.0075	0.0023	mg/Kg	☼	10/11/25 10:34	10/12/25 22:16	1
Acetone	0.0090	U	0.0090	0.0086	mg/Kg	☼	10/11/25 10:34	10/12/25 22:16	1
Benzene	0.0015	U	0.0015	0.00085	mg/Kg	☼	10/11/25 10:34	10/12/25 22:16	1
Bromoform	0.0015	U	0.0015	0.00064	mg/Kg	☼	10/11/25 10:34	10/12/25 22:16	1
Bromomethane	0.0030	U *	0.0030	0.0015	mg/Kg	☼	10/11/25 10:34	10/12/25 22:16	1
Carbon disulfide	0.0015	U	0.0015	0.00040	mg/Kg	☼	10/11/25 10:34	10/12/25 22:16	1
Carbon tetrachloride	0.0015	U	0.0015	0.00058	mg/Kg	☼	10/11/25 10:34	10/12/25 22:16	1
Chlorobenzene	0.0015	U	0.0015	0.00076	mg/Kg	☼	10/11/25 10:34	10/12/25 22:16	1
Chlorobromomethane	0.0015	U	0.0015	0.00090	mg/Kg	☼	10/11/25 10:34	10/12/25 22:16	1
Chlorodibromomethane	0.0015	U	0.0015	0.00081	mg/Kg	☼	10/11/25 10:34	10/12/25 22:16	1
Chloroethane	0.0015	U	0.0015	0.00079	mg/Kg	☼	10/11/25 10:34	10/12/25 22:16	1
Chloroform	0.0015	U	0.0015	0.0015	mg/Kg	☼	10/11/25 10:34	10/12/25 22:16	1
Chloromethane	0.0015	U	0.0015	0.00066	mg/Kg	☼	10/11/25 10:34	10/12/25 22:16	1
cis-1,2-Dichloroethene	0.0015	U	0.0015	0.00054	mg/Kg	☼	10/11/25 10:34	10/12/25 22:16	1
cis-1,3-Dichloropropene	0.0015	U	0.0015	0.00041	mg/Kg	☼	10/11/25 10:34	10/12/25 22:16	1
Cyclohexane	0.0015	U	0.0015	0.00033	mg/Kg	☼	10/11/25 10:34	10/12/25 22:16	1
Dichlorobromomethane	0.0015	U	0.0015	0.00039	mg/Kg	☼	10/11/25 10:34	10/12/25 22:16	1
Dichlorodifluoromethane	0.0015	U	0.0015	0.00051	mg/Kg	☼	10/11/25 10:34	10/12/25 22:16	1
Ethylbenzene	0.0015	U	0.0015	0.00071	mg/Kg	☼	10/11/25 10:34	10/12/25 22:16	1
Ethylene Dibromide	0.0015	U	0.0015	0.00076	mg/Kg	☼	10/11/25 10:34	10/12/25 22:16	1
Isopropylbenzene	0.0015	U	0.0015	0.00043	mg/Kg	☼	10/11/25 10:34	10/12/25 22:16	1
Methyl acetate	0.0075	U	0.0075	0.0065	mg/Kg	☼	10/11/25 10:34	10/12/25 22:16	1
Methyl tert-butyl ether	0.0015	U	0.0015	0.00077	mg/Kg	☼	10/11/25 10:34	10/12/25 22:16	1
Methylcyclohexane	0.0015	U	0.0015	0.00075	mg/Kg	☼	10/11/25 10:34	10/12/25 22:16	1
Methylene Chloride	0.0030	U	0.0030	0.0017	mg/Kg	☼	10/11/25 10:34	10/12/25 22:16	1
m-Xylene & p-Xylene	0.0015	U	0.0015	0.00064	mg/Kg	☼	10/11/25 10:34	10/12/25 22:16	1
n-Butylbenzene	0.0015	U	0.0015	0.00044	mg/Kg	☼	10/11/25 10:34	10/12/25 22:16	1
N-Propylbenzene	0.0015	U	0.0015	0.00068	mg/Kg	☼	10/11/25 10:34	10/12/25 22:16	1
o-Xylene	0.0015	U	0.0015	0.00070	mg/Kg	☼	10/11/25 10:34	10/12/25 22:16	1
sec-Butylbenzene	0.0015	U	0.0015	0.00043	mg/Kg	☼	10/11/25 10:34	10/12/25 22:16	1
Styrene	0.0015	U	0.0015	0.00042	mg/Kg	☼	10/11/25 10:34	10/12/25 22:16	1

Client Sample ID: 5E3_4-5

Date Collected: 10/08/25 12:50
Date Received: 10/08/25 17:00

Lab Sample ID: 460-336761-65

Matrix: Solid
Percent Solids: 90.6

Method: SW846 8260D - Volatile Organic Compounds by GC/MS (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
tert-Butylbenzene	0.0015	U	0.0015	0.00042	mg/Kg	☼	10/11/25 10:34	10/12/25 22:16	1
Tetrachloroethene	0.0015	U	0.0015	0.00046	mg/Kg	☼	10/11/25 10:34	10/12/25 22:16	1
Toluene	0.0015	U	0.0015	0.00035	mg/Kg	☼	10/11/25 10:34	10/12/25 22:16	1
trans-1,2-Dichloroethene	0.0015	U	0.0015	0.00037	mg/Kg	☼	10/11/25 10:34	10/12/25 22:16	1
trans-1,3-Dichloropropene	0.0015	U *	0.0015	0.00040	mg/Kg	☼	10/11/25 10:34	10/12/25 22:16	1
Trichloroethene	0.0015	U	0.0015	0.00048	mg/Kg	☼	10/11/25 10:34	10/12/25 22:16	1
Trichlorofluoromethane	0.0015	U	0.0015	0.00061	mg/Kg	☼	10/11/25 10:34	10/12/25 22:16	1
Vinyl chloride	0.0015	U	0.0015	0.00082	mg/Kg	☼	10/11/25 10:34	10/12/25 22:16	1
Xylenes, Total	0.0030	U	0.0030	0.00026	mg/Kg	☼	10/11/25 10:34	10/12/25 22:16	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,2-Dichloroethane-d4 (Surr)	*87*		*65 - 138*	*10/11/25 10:34*	*10/12/25 22:16*	*1*
4-Bromofluorobenzene	*93*		*71 - 128*	*10/11/25 10:34*	*10/12/25 22:16*	*1*
Dibromofluoromethane (Surr)	*98*		*50 - 150*	*10/11/25 10:34*	*10/12/25 22:16*	*1*
Toluene-d8 (Surr)	*99*		*71 - 126*	*10/11/25 10:34*	*10/12/25 22:16*	*1*

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Percent Moisture (EPA Moisture)	**9.4**		1.0	1.0	%			10/12/25 17:49	1
Percent Solids (EPA Moisture)	**90.6**		1.0	1.0	%			10/12/25 17:49	1

Client Sample ID: 5E1_6-7

Date Collected: 10/08/25 12:55
Date Received: 10/08/25 17:00

Lab Sample ID: 460-336761-66

Matrix: Solid
Percent Solids: 88.0

Method: SW846 8260D - Volatile Organic Compounds by GC/MS

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1-Trichloroethane	0.00091	U	0.00091	0.00021	mg/Kg	☼	10/11/25 10:34	10/12/25 22:40	1
1,1,2,2-Tetrachloroethane	0.00091	U	0.00091	0.00048	mg/Kg	☼	10/11/25 10:34	10/12/25 22:40	1
1,1,2-Trichloro-1,2,2-trifluoroethane	0.00091	U	0.00091	0.00028	mg/Kg	☼	10/11/25 10:34	10/12/25 22:40	1
1,1,2-Trichloroethane	0.00091	U	0.00091	0.00055	mg/Kg	☼	10/11/25 10:34	10/12/25 22:40	1
1,1-Dichloroethane	0.00091	U	0.00091	0.00055	mg/Kg	☼	10/11/25 10:34	10/12/25 22:40	1
1,1-Dichloroethene	0.00091	U	0.00091	0.00021	mg/Kg	☼	10/11/25 10:34	10/12/25 22:40	1
1,2,3-Trichlorobenzene	0.00091	U	0.00091	0.00067	mg/Kg	☼	10/11/25 10:34	10/12/25 22:40	1
1,2,4-Trichlorobenzene	0.00091	U	0.00091	0.00033	mg/Kg	☼	10/11/25 10:34	10/12/25 22:40	1
1,2,4-Trimethylbenzene	0.00091	U	0.00091	0.00022	mg/Kg	☼	10/11/25 10:34	10/12/25 22:40	1
1,2-Dibromo-3-Chloropropane	0.00091	U	0.00091	0.00042	mg/Kg	☼	10/11/25 10:34	10/12/25 22:40	1
1,2-Dichlorobenzene	0.00091	U	0.00091	0.00033	mg/Kg	☼	10/11/25 10:34	10/12/25 22:40	1
1,2-Dichloroethane	0.00091	U	0.00091	0.00027	mg/Kg	☼	10/11/25 10:34	10/12/25 22:40	1
1,2-Dichloropropane	0.00091	U	0.00091	0.00039	mg/Kg	☼	10/11/25 10:34	10/12/25 22:40	1
1,3,5-Trimethylbenzene	0.00091	U	0.00091	0.00029	mg/Kg	☼	10/11/25 10:34	10/12/25 22:40	1
1,3-Dichlorobenzene	0.00091	U	0.00091	0.00033	mg/Kg	☼	10/11/25 10:34	10/12/25 22:40	1
1,4-Dichlorobenzene	0.00091	U	0.00091	0.00047	mg/Kg	☼	10/11/25 10:34	10/12/25 22:40	1
2-Butanone (MEK)	0.0046	U	0.0046	0.00034	mg/Kg	☼	10/11/25 10:34	10/12/25 22:40	1
2-Hexanone	0.0046	U	0.0046	0.0016	mg/Kg	☼	10/11/25 10:34	10/12/25 22:40	1
4-Methyl-2-pentanone (MIBK)	0.0046	U	0.0046	0.0014	mg/Kg	☼	10/11/25 10:34	10/12/25 22:40	1
Acetone	0.0055	U	0.0055	0.0052	mg/Kg	☼	10/11/25 10:34	10/12/25 22:40	1
Benzene	0.00091	U	0.00091	0.00052	mg/Kg	☼	10/11/25 10:34	10/12/25 22:40	1
Bromoform	0.00091	U	0.00091	0.00039	mg/Kg	☼	10/11/25 10:34	10/12/25 22:40	1
Bromomethane	0.0018	U *	0.0018	0.00091	mg/Kg	☼	10/11/25 10:34	10/12/25 22:40	1

Client Sample ID: 5E1_6-7
Date Collected: 10/08/25 12:55
Date Received: 10/08/25 17:00

Lab Sample ID: 460-336761-66
Matrix: Solid
Percent Solids: 88.0

Method: SW846 8260D - Volatile Organic Compounds by GC/MS (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Carbon disulfide	0.00091	U	0.00091	0.00024	mg/Kg	☼	10/11/25 10:34	10/12/25 22:40	1
Carbon tetrachloride	0.00091	U	0.00091	0.00035	mg/Kg	☼	10/11/25 10:34	10/12/25 22:40	1
Chlorobenzene	0.00091	U	0.00091	0.00046	mg/Kg	☼	10/11/25 10:34	10/12/25 22:40	1
Chlorobromomethane	0.00091	U	0.00091	0.00054	mg/Kg	☼	10/11/25 10:34	10/12/25 22:40	1
Chlorodibromomethane	0.00091	U	0.00091	0.00049	mg/Kg	☼	10/11/25 10:34	10/12/25 22:40	1
Chloroethane	0.00091	U	0.00091	0.00048	mg/Kg	☼	10/11/25 10:34	10/12/25 22:40	1
Chloroform	0.00091	U	0.00091	0.00089	mg/Kg	☼	10/11/25 10:34	10/12/25 22:40	1
Chloromethane	0.00091	U	0.00091	0.00040	mg/Kg	☼	10/11/25 10:34	10/12/25 22:40	1
cis-1,2-Dichloroethene	0.00091	U	0.00091	0.00033	mg/Kg	☼	10/11/25 10:34	10/12/25 22:40	1
cis-1,3-Dichloropropene	0.00091	U	0.00091	0.00025	mg/Kg	☼	10/11/25 10:34	10/12/25 22:40	1
Cyclohexane	0.00091	U	0.00091	0.00020	mg/Kg	☼	10/11/25 10:34	10/12/25 22:40	1
Dichlorobromomethane	0.00091	U	0.00091	0.00023	mg/Kg	☼	10/11/25 10:34	10/12/25 22:40	1
Dichlorodifluoromethane	0.00091	U	0.00091	0.00031	mg/Kg	☼	10/11/25 10:34	10/12/25 22:40	1
Ethylbenzene	0.00091	U	0.00091	0.00043	mg/Kg	☼	10/11/25 10:34	10/12/25 22:40	1
Ethylene Dibromide	0.00091	U	0.00091	0.00046	mg/Kg	☼	10/11/25 10:34	10/12/25 22:40	1
Isopropylbenzene	0.00091	U	0.00091	0.00026	mg/Kg	☼	10/11/25 10:34	10/12/25 22:40	1
Methyl acetate	0.0046	U	0.0046	0.0039	mg/Kg	☼	10/11/25 10:34	10/12/25 22:40	1
Methyl tert-butyl ether	0.00091	U	0.00091	0.00047	mg/Kg	☼	10/11/25 10:34	10/12/25 22:40	1
Methylcyclohexane	0.00091	U	0.00091	0.00046	mg/Kg	☼	10/11/25 10:34	10/12/25 22:40	1
Methylene Chloride	0.0018	U	0.0018	0.0010	mg/Kg	☼	10/11/25 10:34	10/12/25 22:40	1
m-Xylene & p-Xylene	0.00091	U	0.00091	0.00039	mg/Kg	☼	10/11/25 10:34	10/12/25 22:40	1
n-Butylbenzene	0.00091	U	0.00091	0.00027	mg/Kg	☼	10/11/25 10:34	10/12/25 22:40	1
N-Propylbenzene	0.00091	U	0.00091	0.00041	mg/Kg	☼	10/11/25 10:34	10/12/25 22:40	1
o-Xylene	0.00091	U	0.00091	0.00042	mg/Kg	☼	10/11/25 10:34	10/12/25 22:40	1
sec-Butylbenzene	0.00091	U	0.00091	0.00026	mg/Kg	☼	10/11/25 10:34	10/12/25 22:40	1
Styrene	0.00091	U	0.00091	0.00025	mg/Kg	☼	10/11/25 10:34	10/12/25 22:40	1
tert-Butylbenzene	0.00091	U	0.00091	0.00025	mg/Kg	☼	10/11/25 10:34	10/12/25 22:40	1
Tetrachloroethene	0.00091	U	0.00091	0.00028	mg/Kg	☼	10/11/25 10:34	10/12/25 22:40	1
Toluene	0.00091	U	0.00091	0.00021	mg/Kg	☼	10/11/25 10:34	10/12/25 22:40	1
trans-1,2-Dichloroethene	0.00091	U	0.00091	0.00022	mg/Kg	☼	10/11/25 10:34	10/12/25 22:40	1
trans-1,3-Dichloropropene	0.00091	U *	0.00091	0.00024	mg/Kg	☼	10/11/25 10:34	10/12/25 22:40	1
Trichloroethene	0.00091	U	0.00091	0.00029	mg/Kg	☼	10/11/25 10:34	10/12/25 22:40	1
Trichlorofluoromethane	0.00091	U	0.00091	0.00037	mg/Kg	☼	10/11/25 10:34	10/12/25 22:40	1
Vinyl chloride	0.00091	U	0.00091	0.00050	mg/Kg	☼	10/11/25 10:34	10/12/25 22:40	1
Xylenes, Total	0.0018	U	0.0018	0.00016	mg/Kg	☼	10/11/25 10:34	10/12/25 22:40	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,2-Dichloroethane-d4 (Surr)	*86*		*65 - 138*	*10/11/25 10:34*	*10/12/25 22:40*	*1*
4-Bromofluorobenzene	*97*		*71 - 128*	*10/11/25 10:34*	*10/12/25 22:40*	*1*
Dibromofluoromethane (Surr)	*98*		*50 - 150*	*10/11/25 10:34*	*10/12/25 22:40*	*1*
Toluene-d8 (Surr)	*100*		*71 - 126*	*10/11/25 10:34*	*10/12/25 22:40*	*1*

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Percent Moisture (EPA Moisture)	**12.0**		1.0	1.0	%			10/12/25 17:49	1
Percent Solids (EPA Moisture)	**88.0**		1.0	1.0	%			10/12/25 17:49	1

Client Sample ID: 5E2_7-8
Date Collected: 10/08/25 13:00
Date Received: 10/08/25 17:00

Lab Sample ID: 460-336761-67
Matrix: Solid
Percent Solids: 87.3

Method: SW846 8260D - Volatile Organic Compounds by GC/MS

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1-Trichloroethane	0.0010	U	0.0010	0.00024	mg/Kg	☼	10/11/25 10:34	10/12/25 23:04	1
1,1,2,2-Tetrachloroethane	0.0010	U	0.0010	0.00054	mg/Kg	☼	10/11/25 10:34	10/12/25 23:04	1
1,1,2-Trichloro-1,2,2-trifluoroethane	0.0010	U	0.0010	0.00031	mg/Kg	☼	10/11/25 10:34	10/12/25 23:04	1
1,1,2-Trichloroethane	0.0010	U	0.0010	0.00062	mg/Kg	☼	10/11/25 10:34	10/12/25 23:04	1
1,1-Dichloroethane	0.0010	U	0.0010	0.00061	mg/Kg	☼	10/11/25 10:34	10/12/25 23:04	1
1,1-Dichloroethene	0.0010	U	0.0010	0.00023	mg/Kg	☼	10/11/25 10:34	10/12/25 23:04	1
1,2,3-Trichlorobenzene	0.0010	U	0.0010	0.00076	mg/Kg	☼	10/11/25 10:34	10/12/25 23:04	1
1,2,4-Trichlorobenzene	0.0010	U	0.0010	0.00037	mg/Kg	☼	10/11/25 10:34	10/12/25 23:04	1
1,2,4-Trimethylbenzene	0.0010	U	0.0010	0.00025	mg/Kg	☼	10/11/25 10:34	10/12/25 23:04	1
1,2-Dibromo-3-Chloropropane	0.0010	U	0.0010	0.00047	mg/Kg	☼	10/11/25 10:34	10/12/25 23:04	1
1,2-Dichlorobenzene	0.0010	U	0.0010	0.00037	mg/Kg	☼	10/11/25 10:34	10/12/25 23:04	1
1,2-Dichloroethane	0.0010	U	0.0010	0.00030	mg/Kg	☼	10/11/25 10:34	10/12/25 23:04	1
1,2-Dichloropropane	0.0010	U	0.0010	0.00044	mg/Kg	☼	10/11/25 10:34	10/12/25 23:04	1
1,3,5-Trimethylbenzene	0.0010	U	0.0010	0.00032	mg/Kg	☼	10/11/25 10:34	10/12/25 23:04	1
1,3-Dichlorobenzene	0.0010	U	0.0010	0.00038	mg/Kg	☼	10/11/25 10:34	10/12/25 23:04	1
1,4-Dichlorobenzene	0.0010	U	0.0010	0.00053	mg/Kg	☼	10/11/25 10:34	10/12/25 23:04	1
2-Butanone (MEK)	0.0051	U	0.0051	0.00038	mg/Kg	☼	10/11/25 10:34	10/12/25 23:04	1
2-Hexanone	0.0051	U	0.0051	0.0018	mg/Kg	☼	10/11/25 10:34	10/12/25 23:04	1
4-Methyl-2-pentanone (MIBK)	0.0051	U	0.0051	0.0016	mg/Kg	☼	10/11/25 10:34	10/12/25 23:04	1
Acetone	**0.14**		0.0062	0.0059	mg/Kg	☼	10/11/25 10:34	10/12/25 23:04	1
Benzene	0.0010	U	0.0010	0.00058	mg/Kg	☼	10/11/25 10:34	10/12/25 23:04	1
Bromoform	0.0010	U	0.0010	0.00044	mg/Kg	☼	10/11/25 10:34	10/12/25 23:04	1
Bromomethane	0.0021	U *	0.0021	0.0010	mg/Kg	☼	10/11/25 10:34	10/12/25 23:04	1
Carbon disulfide	0.0010	U	0.0010	0.00027	mg/Kg	☼	10/11/25 10:34	10/12/25 23:04	1
Carbon tetrachloride	0.0010	U	0.0010	0.00040	mg/Kg	☼	10/11/25 10:34	10/12/25 23:04	1
Chlorobenzene	0.0010	U	0.0010	0.00052	mg/Kg	☼	10/11/25 10:34	10/12/25 23:04	1
Chlorobromomethane	0.0010	U	0.0010	0.00061	mg/Kg	☼	10/11/25 10:34	10/12/25 23:04	1
Chlorodibromomethane	0.0010	U	0.0010	0.00055	mg/Kg	☼	10/11/25 10:34	10/12/25 23:04	1
Chloroethane	0.0010	U	0.0010	0.00054	mg/Kg	☼	10/11/25 10:34	10/12/25 23:04	1
Chloroform	0.0010	U	0.0010	0.0010	mg/Kg	☼	10/11/25 10:34	10/12/25 23:04	1
Chloromethane	0.0010	U	0.0010	0.00045	mg/Kg	☼	10/11/25 10:34	10/12/25 23:04	1
cis-1,2-Dichloroethene	0.0010	U	0.0010	0.00037	mg/Kg	☼	10/11/25 10:34	10/12/25 23:04	1
cis-1,3-Dichloropropene	0.0010	U	0.0010	0.00028	mg/Kg	☼	10/11/25 10:34	10/12/25 23:04	1
Cyclohexane	0.0010	U	0.0010	0.00023	mg/Kg	☼	10/11/25 10:34	10/12/25 23:04	1
Dichlorobromomethane	0.0010	U	0.0010	0.00026	mg/Kg	☼	10/11/25 10:34	10/12/25 23:04	1
Dichlorodifluoromethane	0.0010	U	0.0010	0.00035	mg/Kg	☼	10/11/25 10:34	10/12/25 23:04	1
Ethylbenzene	0.0010	U	0.0010	0.00048	mg/Kg	☼	10/11/25 10:34	10/12/25 23:04	1
Ethylene Dibromide	0.0010	U	0.0010	0.00052	mg/Kg	☼	10/11/25 10:34	10/12/25 23:04	1
Isopropylbenzene	0.0010	U	0.0010	0.00029	mg/Kg	☼	10/11/25 10:34	10/12/25 23:04	1
Methyl acetate	0.0051	U	0.0051	0.0044	mg/Kg	☼	10/11/25 10:34	10/12/25 23:04	1
Methyl tert-butyl ether	0.0010	U	0.0010	0.00053	mg/Kg	☼	10/11/25 10:34	10/12/25 23:04	1
Methylcyclohexane	0.0010	U	0.0010	0.00051	mg/Kg	☼	10/11/25 10:34	10/12/25 23:04	1
Methylene Chloride	0.0021	U	0.0021	0.0012	mg/Kg	☼	10/11/25 10:34	10/12/25 23:04	1
m-Xylene & p-Xylene	0.0010	U	0.0010	0.00044	mg/Kg	☼	10/11/25 10:34	10/12/25 23:04	1
n-Butylbenzene	0.0010	U	0.0010	0.00030	mg/Kg	☼	10/11/25 10:34	10/12/25 23:04	1
N-Propylbenzene	0.0010	U	0.0010	0.00046	mg/Kg	☼	10/11/25 10:34	10/12/25 23:04	1
o-Xylene	0.0010	U	0.0010	0.00047	mg/Kg	☼	10/11/25 10:34	10/12/25 23:04	1
sec-Butylbenzene	0.0010	U	0.0010	0.00030	mg/Kg	☼	10/11/25 10:34	10/12/25 23:04	1
Styrene	0.0010	U	0.0010	0.00029	mg/Kg	☼	10/11/25 10:34	10/12/25 23:04	1

Client Sample ID: 5E2_7-8

Lab Sample ID: 460-336761-67

Date Collected: 10/08/25 13:00
Matrix: Solid
Date Received: 10/08/25 17:00
Percent Solids: 87.3

Method: SW846 8260D - Volatile Organic Compounds by GC/MS (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
tert-Butylbenzene	0.0010	U	0.0010	0.00028	mg/Kg	☼	10/11/25 10:34	10/12/25 23:04	1
Tetrachloroethene	0.0010	U	0.0010	0.00031	mg/Kg	☼	10/11/25 10:34	10/12/25 23:04	1
Toluene	0.0010	U	0.0010	0.00024	mg/Kg	☼	10/11/25 10:34	10/12/25 23:04	1
trans-1,2-Dichloroethene	0.0010	U	0.0010	0.00025	mg/Kg	☼	10/11/25 10:34	10/12/25 23:04	1
trans-1,3-Dichloropropene	0.0010	U *	0.0010	0.00027	mg/Kg	☼	10/11/25 10:34	10/12/25 23:04	1
Trichloroethene	0.0010	U	0.0010	0.00033	mg/Kg	☼	10/11/25 10:34	10/12/25 23:04	1
Trichlorofluoromethane	0.0010	U	0.0010	0.00042	mg/Kg	☼	10/11/25 10:34	10/12/25 23:04	1
Vinyl chloride	0.0010	U	0.0010	0.00056	mg/Kg	☼	10/11/25 10:34	10/12/25 23:04	1
Xylenes, Total	0.0021	U	0.0021	0.00018	mg/Kg	☼	10/11/25 10:34	10/12/25 23:04	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,2-Dichloroethane-d4 (Surr)	*85*		*65 - 138*	*10/11/25 10:34*	*10/12/25 23:04*	*1*
4-Bromofluorobenzene	*95*		*71 - 128*	*10/11/25 10:34*	*10/12/25 23:04*	*1*
Dibromofluoromethane (Surr)	*97*		*50 - 150*	*10/11/25 10:34*	*10/12/25 23:04*	*1*
Toluene-d8 (Surr)	*100*		*71 - 126*	*10/11/25 10:34*	*10/12/25 23:04*	*1*

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Percent Moisture (EPA Moisture)	**12.7**		1.0	1.0	%			10/12/25 17:49	1
Percent Solids (EPA Moisture)	**87.3**		1.0	1.0	%			10/12/25 17:49	1

Client Sample ID: 5E3_8-9

Lab Sample ID: 460-336761-68

Date Collected: 10/08/25 13:05
Matrix: Solid
Date Received: 10/08/25 17:00
Percent Solids: 89.6

Method: SW846 8260D - Volatile Organic Compounds by GC/MS

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1-Trichloroethane	0.00084	U	0.00084	0.00019	mg/Kg	☼	10/11/25 10:35	10/12/25 23:28	1
1,1,2,2-Tetrachloroethane	0.00084	U	0.00084	0.00044	mg/Kg	☼	10/11/25 10:35	10/12/25 23:28	1
1,1,2-Trichloro-1,2,2-trifluoroethane	0.00084	U	0.00084	0.00025	mg/Kg	☼	10/11/25 10:35	10/12/25 23:28	1
1,1,2-Trichloroethane	0.00084	U	0.00084	0.00050	mg/Kg	☼	10/11/25 10:35	10/12/25 23:28	1
1,1-Dichloroethane	0.00084	U	0.00084	0.00050	mg/Kg	☼	10/11/25 10:35	10/12/25 23:28	1
1,1-Dichloroethene	0.00084	U	0.00084	0.00019	mg/Kg	☼	10/11/25 10:35	10/12/25 23:28	1
1,2,3-Trichlorobenzene	0.00084	U	0.00084	0.00062	mg/Kg	☼	10/11/25 10:35	10/12/25 23:28	1
1,2,4-Trichlorobenzene	0.00084	U	0.00084	0.00030	mg/Kg	☼	10/11/25 10:35	10/12/25 23:28	1
1,2,4-Trimethylbenzene	0.00084	U	0.00084	0.00021	mg/Kg	☼	10/11/25 10:35	10/12/25 23:28	1
1,2-Dibromo-3-Chloropropane	0.00084	U	0.00084	0.00038	mg/Kg	☼	10/11/25 10:35	10/12/25 23:28	1
1,2-Dichlorobenzene	0.00084	U	0.00084	0.00030	mg/Kg	☼	10/11/25 10:35	10/12/25 23:28	1
1,2-Dichloroethane	0.00084	U	0.00084	0.00025	mg/Kg	☼	10/11/25 10:35	10/12/25 23:28	1
1,2-Dichloropropane	0.00084	U	0.00084	0.00035	mg/Kg	☼	10/11/25 10:35	10/12/25 23:28	1
1,3,5-Trimethylbenzene	0.00084	U	0.00084	0.00026	mg/Kg	☼	10/11/25 10:35	10/12/25 23:28	1
1,3-Dichlorobenzene	0.00084	U	0.00084	0.00031	mg/Kg	☼	10/11/25 10:35	10/12/25 23:28	1
1,4-Dichlorobenzene	0.00084	U	0.00084	0.00043	mg/Kg	☼	10/11/25 10:35	10/12/25 23:28	1
2-Butanone (MEK)	0.0042	U	0.0042	0.00031	mg/Kg	☼	10/11/25 10:35	10/12/25 23:28	1
2-Hexanone	0.0042	U	0.0042	0.0014	mg/Kg	☼	10/11/25 10:35	10/12/25 23:28	1
4-Methyl-2-pentanone (MIBK)	0.0042	U	0.0042	0.0013	mg/Kg	☼	10/11/25 10:35	10/12/25 23:28	1
Acetone	0.0050	U	0.0050	0.0048	mg/Kg	☼	10/11/25 10:35	10/12/25 23:28	1
Benzene	0.00084	U	0.00084	0.00047	mg/Kg	☼	10/11/25 10:35	10/12/25 23:28	1
Bromoform	0.00084	U	0.00084	0.00036	mg/Kg	☼	10/11/25 10:35	10/12/25 23:28	1
Bromomethane	0.0017	U *	0.0017	0.00084	mg/Kg	☼	10/11/25 10:35	10/12/25 23:28	1

Client Sample ID: 5E3_8-9
Date Collected: 10/08/25 13:05
Date Received: 10/08/25 17:00

Lab Sample ID: 460-336761-68
Matrix: Solid
Percent Solids: 89.6

Method: SW846 8260D - Volatile Organic Compounds by GC/MS (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Carbon disulfide	0.00084	U	0.00084	0.00022	mg/Kg	☼	10/11/25 10:35	10/12/25 23:28	1
Carbon tetrachloride	0.00084	U	0.00084	0.00032	mg/Kg	☼	10/11/25 10:35	10/12/25 23:28	1
Chlorobenzene	0.00084	U	0.00084	0.00042	mg/Kg	☼	10/11/25 10:35	10/12/25 23:28	1
Chlorobromomethane	0.00084	U	0.00084	0.00050	mg/Kg	☼	10/11/25 10:35	10/12/25 23:28	1
Chlorodibromomethane	0.00084	U	0.00084	0.00045	mg/Kg	☼	10/11/25 10:35	10/12/25 23:28	1
Chloroethane	0.00084	U	0.00084	0.00044	mg/Kg	☼	10/11/25 10:35	10/12/25 23:28	1
Chloroform	0.00084	U	0.00084	0.00081	mg/Kg	☼	10/11/25 10:35	10/12/25 23:28	1
Chloromethane	0.00084	U	0.00084	0.00036	mg/Kg	☼	10/11/25 10:35	10/12/25 23:28	1
cis-1,2-Dichloroethene	0.00084	U	0.00084	0.00030	mg/Kg	☼	10/11/25 10:35	10/12/25 23:28	1
cis-1,3-Dichloropropene	0.00084	U	0.00084	0.00023	mg/Kg	☼	10/11/25 10:35	10/12/25 23:28	1
Cyclohexane	0.00084	U	0.00084	0.00018	mg/Kg	☼	10/11/25 10:35	10/12/25 23:28	1
Dichlorobromomethane	0.00084	U	0.00084	0.00021	mg/Kg	☼	10/11/25 10:35	10/12/25 23:28	1
Dichlorodifluoromethane	0.00084	U	0.00084	0.00028	mg/Kg	☼	10/11/25 10:35	10/12/25 23:28	1
Ethylbenzene	0.00084	U	0.00084	0.00039	mg/Kg	☼	10/11/25 10:35	10/12/25 23:28	1
Ethylene Dibromide	0.00084	U	0.00084	0.00042	mg/Kg	☼	10/11/25 10:35	10/12/25 23:28	1
Isopropylbenzene	0.00084	U	0.00084	0.00024	mg/Kg	☼	10/11/25 10:35	10/12/25 23:28	1
Methyl acetate	0.0042	U	0.0042	0.0036	mg/Kg	☼	10/11/25 10:35	10/12/25 23:28	1
Methyl tert-butyl ether	0.00084	U	0.00084	0.00043	mg/Kg	☼	10/11/25 10:35	10/12/25 23:28	1
Methylcyclohexane	0.00084	U	0.00084	0.00042	mg/Kg	☼	10/11/25 10:35	10/12/25 23:28	1
Methylene Chloride	0.0017	U	0.0017	0.00096	mg/Kg	☼	10/11/25 10:35	10/12/25 23:28	1
m-Xylene & p-Xylene	0.00084	U	0.00084	0.00035	mg/Kg	☼	10/11/25 10:35	10/12/25 23:28	1
n-Butylbenzene	0.00084	U	0.00084	0.00025	mg/Kg	☼	10/11/25 10:35	10/12/25 23:28	1
N-Propylbenzene	0.00084	U	0.00084	0.00038	mg/Kg	☼	10/11/25 10:35	10/12/25 23:28	1
o-Xylene	0.00084	U	0.00084	0.00039	mg/Kg	☼	10/11/25 10:35	10/12/25 23:28	1
sec-Butylbenzene	0.00084	U	0.00084	0.00024	mg/Kg	☼	10/11/25 10:35	10/12/25 23:28	1
Styrene	0.00084	U	0.00084	0.00023	mg/Kg	☼	10/11/25 10:35	10/12/25 23:28	1
tert-Butylbenzene	0.00084	U	0.00084	0.00023	mg/Kg	☼	10/11/25 10:35	10/12/25 23:28	1
Tetrachloroethene	0.00084	U	0.00084	0.00026	mg/Kg	☼	10/11/25 10:35	10/12/25 23:28	1
Toluene	0.00084	U	0.00084	0.00020	mg/Kg	☼	10/11/25 10:35	10/12/25 23:28	1
trans-1,2-Dichloroethene	0.00084	U	0.00084	0.00021	mg/Kg	☼	10/11/25 10:35	10/12/25 23:28	1
trans-1,3-Dichloropropene	0.00084	U *	0.00084	0.00022	mg/Kg	☼	10/11/25 10:35	10/12/25 23:28	1
Trichloroethene	0.00084	U	0.00084	0.00027	mg/Kg	☼	10/11/25 10:35	10/12/25 23:28	1
Trichlorofluoromethane	0.00084	U	0.00084	0.00034	mg/Kg	☼	10/11/25 10:35	10/12/25 23:28	1
Vinyl chloride	0.00084	U	0.00084	0.00046	mg/Kg	☼	10/11/25 10:35	10/12/25 23:28	1
Xylenes, Total	0.0017	U	0.0017	0.00015	mg/Kg	☼	10/11/25 10:35	10/12/25 23:28	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,2-Dichloroethane-d4 (Surr)	*86*		*65 - 138*	*10/11/25 10:35*	*10/12/25 23:28*	*1*
4-Bromofluorobenzene	*95*		*71 - 128*	*10/11/25 10:35*	*10/12/25 23:28*	*1*
Dibromofluoromethane (Surr)	*97*		*50 - 150*	*10/11/25 10:35*	*10/12/25 23:28*	*1*
Toluene-d8 (Surr)	*100*		*71 - 126*	*10/11/25 10:35*	*10/12/25 23:28*	*1*

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Percent Moisture (EPA Moisture)	**10.4**		1.0	1.0	%			10/12/25 17:49	1
Percent Solids (EPA Moisture)	**89.6**		1.0	1.0	%			10/12/25 17:49	1

Client Sample ID: 5E1_9-10
Date Collected: 10/08/25 13:10
Date Received: 10/08/25 17:00

Lab Sample ID: 460-336761-69
Matrix: Solid
Percent Solids: 89.3

Method: SW846 8260D - Volatile Organic Compounds by GC/MS

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1-Trichloroethane	0.0012	U	0.0012	0.00027	mg/Kg	☼	10/11/25 10:35	10/12/25 23:53	1
1,1,2,2-Tetrachloroethane	0.0012	U	0.0012	0.00060	mg/Kg	☼	10/11/25 10:35	10/12/25 23:53	1
1,1,2-Trichloro-1,2,2-trifluoroethane	0.0012	U	0.0012	0.00035	mg/Kg	☼	10/11/25 10:35	10/12/25 23:53	1
1,1,2-Trichloroethane	0.0012	U	0.0012	0.00070	mg/Kg	☼	10/11/25 10:35	10/12/25 23:53	1
1,1-Dichloroethane	0.0012	U	0.0012	0.00069	mg/Kg	☼	10/11/25 10:35	10/12/25 23:53	1
1,1-Dichloroethene	0.0012	U	0.0012	0.00026	mg/Kg	☼	10/11/25 10:35	10/12/25 23:53	1
1,2,3-Trichlorobenzene	0.0012	U	0.0012	0.00086	mg/Kg	☼	10/11/25 10:35	10/12/25 23:53	1
1,2,4-Trichlorobenzene	0.0012	U	0.0012	0.00041	mg/Kg	☼	10/11/25 10:35	10/12/25 23:53	1
1,2,4-Trimethylbenzene	0.0012	U	0.0012	0.00029	mg/Kg	☼	10/11/25 10:35	10/12/25 23:53	1
1,2-Dibromo-3-Chloropropane	0.0012	U	0.0012	0.00053	mg/Kg	☼	10/11/25 10:35	10/12/25 23:53	1
1,2-Dichlorobenzene	0.0012	U	0.0012	0.00042	mg/Kg	☼	10/11/25 10:35	10/12/25 23:53	1
1,2-Dichloroethane	0.0012	U	0.0012	0.00034	mg/Kg	☼	10/11/25 10:35	10/12/25 23:53	1
1,2-Dichloropropane	0.0012	U	0.0012	0.00049	mg/Kg	☼	10/11/25 10:35	10/12/25 23:53	1
1,3,5-Trimethylbenzene	0.0012	U	0.0012	0.00036	mg/Kg	☼	10/11/25 10:35	10/12/25 23:53	1
1,3-Dichlorobenzene	0.0012	U	0.0012	0.00042	mg/Kg	☼	10/11/25 10:35	10/12/25 23:53	1
1,4-Dichlorobenzene	0.0012	U	0.0012	0.00060	mg/Kg	☼	10/11/25 10:35	10/12/25 23:53	1
2-Butanone (MEK)	0.0058	U	0.0058	0.00043	mg/Kg	☼	10/11/25 10:35	10/12/25 23:53	1
2-Hexanone	0.0058	U	0.0058	0.0020	mg/Kg	☼	10/11/25 10:35	10/12/25 23:53	1
4-Methyl-2-pentanone (MIBK)	0.0058	U	0.0058	0.0018	mg/Kg	☼	10/11/25 10:35	10/12/25 23:53	1
Acetone	0.0070	U	0.0070	0.0066	mg/Kg	☼	10/11/25 10:35	10/12/25 23:53	1
Benzene	0.0012	U	0.0012	0.00066	mg/Kg	☼	10/11/25 10:35	10/12/25 23:53	1
Bromoform	0.0012	U	0.0012	0.00049	mg/Kg	☼	10/11/25 10:35	10/12/25 23:53	1
Bromomethane	0.0023	U *	0.0023	0.0012	mg/Kg	☼	10/11/25 10:35	10/12/25 23:53	1
Carbon disulfide	0.0012	U	0.0012	0.00031	mg/Kg	☼	10/11/25 10:35	10/12/25 23:53	1
Carbon tetrachloride	0.0012	U	0.0012	0.00045	mg/Kg	☼	10/11/25 10:35	10/12/25 23:53	1
Chlorobenzene	0.0012	U	0.0012	0.00059	mg/Kg	☼	10/11/25 10:35	10/12/25 23:53	1
Chlorobromomethane	0.0012	U	0.0012	0.00069	mg/Kg	☼	10/11/25 10:35	10/12/25 23:53	1
Chlorodibromomethane	0.0012	U	0.0012	0.00062	mg/Kg	☼	10/11/25 10:35	10/12/25 23:53	1
Chloroethane	0.0012	U	0.0012	0.00060	mg/Kg	☼	10/11/25 10:35	10/12/25 23:53	1
Chloroform	0.0012	U	0.0012	0.0011	mg/Kg	☼	10/11/25 10:35	10/12/25 23:53	1
Chloromethane	0.0012	U	0.0012	0.00050	mg/Kg	☼	10/11/25 10:35	10/12/25 23:53	1
cis-1,2-Dichloroethene	0.0012	U	0.0012	0.00041	mg/Kg	☼	10/11/25 10:35	10/12/25 23:53	1
cis-1,3-Dichloropropene	0.0012	U	0.0012	0.00032	mg/Kg	☼	10/11/25 10:35	10/12/25 23:53	1
Cyclohexane	0.0012	U	0.0012	0.00026	mg/Kg	☼	10/11/25 10:35	10/12/25 23:53	1
Dichlorobromomethane	0.0012	U	0.0012	0.00030	mg/Kg	☼	10/11/25 10:35	10/12/25 23:53	1
Dichlorodifluoromethane	0.0012	U	0.0012	0.00039	mg/Kg	☼	10/11/25 10:35	10/12/25 23:53	1
Ethylbenzene	0.0012	U	0.0012	0.00054	mg/Kg	☼	10/11/25 10:35	10/12/25 23:53	1
Ethylene Dibromide	0.0012	U	0.0012	0.00058	mg/Kg	☼	10/11/25 10:35	10/12/25 23:53	1
Isopropylbenzene	0.0012	U	0.0012	0.00033	mg/Kg	☼	10/11/25 10:35	10/12/25 23:53	1
Methyl acetate	0.0058	U	0.0058	0.0050	mg/Kg	☼	10/11/25 10:35	10/12/25 23:53	1
Methyl tert-butyl ether	0.0012	U	0.0012	0.00059	mg/Kg	☼	10/11/25 10:35	10/12/25 23:53	1
Methylcyclohexane	0.0012	U	0.0012	0.00058	mg/Kg	☼	10/11/25 10:35	10/12/25 23:53	1
Methylene Chloride	0.0023	U	0.0023	0.0013	mg/Kg	☼	10/11/25 10:35	10/12/25 23:53	1
m-Xylene & p-Xylene	0.0012	U	0.0012	0.00049	mg/Kg	☼	10/11/25 10:35	10/12/25 23:53	1
n-Butylbenzene	0.0012	U	0.0012	0.00034	mg/Kg	☼	10/11/25 10:35	10/12/25 23:53	1
N-Propylbenzene	0.0012	U	0.0012	0.00052	mg/Kg	☼	10/11/25 10:35	10/12/25 23:53	1
o-Xylene	0.0012	U	0.0012	0.00053	mg/Kg	☼	10/11/25 10:35	10/12/25 23:53	1
sec-Butylbenzene	0.0012	U	0.0012	0.00033	mg/Kg	☼	10/11/25 10:35	10/12/25 23:53	1
Styrene	0.0012	U	0.0012	0.00032	mg/Kg	☼	10/11/25 10:35	10/12/25 23:53	1

Client Sample ID: 5E1_9-10

Lab Sample ID: 460-336761-69

Date Collected: 10/08/25 13:10
Matrix: Solid
Date Received: 10/08/25 17:00
Percent Solids: 89.3

Method: SW846 8260D - Volatile Organic Compounds by GC/MS (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
tert-Butylbenzene	0.0012	U	0.0012	0.00032	mg/Kg	☼	10/11/25 10:35	10/12/25 23:53	1
Tetrachloroethene	0.0012	U	0.0012	0.00035	mg/Kg	☼	10/11/25 10:35	10/12/25 23:53	1
Toluene	**0.00045**	**J**	0.0012	0.00027	mg/Kg	☼	10/11/25 10:35	10/12/25 23:53	1
trans-1,2-Dichloroethene	0.0012	U	0.0012	0.00029	mg/Kg	☼	10/11/25 10:35	10/12/25 23:53	1
trans-1,3-Dichloropropene	0.0012	U *	0.0012	0.00031	mg/Kg	☼	10/11/25 10:35	10/12/25 23:53	1
Trichloroethene	0.0012	U	0.0012	0.00037	mg/Kg	☼	10/11/25 10:35	10/12/25 23:53	1
Trichlorofluoromethane	0.0012	U	0.0012	0.00047	mg/Kg	☼	10/11/25 10:35	10/12/25 23:53	1
Vinyl chloride	0.0012	U	0.0012	0.00063	mg/Kg	☼	10/11/25 10:35	10/12/25 23:53	1
Xylenes, Total	0.0023	U	0.0023	0.00020	mg/Kg	☼	10/11/25 10:35	10/12/25 23:53	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,2-Dichloroethane-d4 (Surr)	*87*		*65 - 138*	*10/11/25 10:35*	*10/12/25 23:53*	*1*
4-Bromofluorobenzene	*92*		*71 - 128*	*10/11/25 10:35*	*10/12/25 23:53*	*1*
Dibromofluoromethane (Surr)	*97*		*50 - 150*	*10/11/25 10:35*	*10/12/25 23:53*	*1*
Toluene-d8 (Surr)	*99*		*71 - 126*	*10/11/25 10:35*	*10/12/25 23:53*	*1*

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Percent Moisture (EPA Moisture)	**10.7**		1.0	1.0	%			10/12/25 17:49	1
Percent Solids (EPA Moisture)	**89.3**		1.0	1.0	%			10/12/25 17:49	1

Client Sample ID: 3B1_1-2

Lab Sample ID: 460-336761-70

Date Collected: 10/08/25 13:15
Matrix: Solid
Date Received: 10/08/25 17:00
Percent Solids: 89.5

Method: SW846 8260D - Volatile Organic Compounds by GC/MS

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1-Trichloroethane	0.0027	U	0.0027	0.00063	mg/Kg	☼	10/11/25 10:36	10/15/25 23:01	1
1,1,2,2-Tetrachloroethane	0.0027	U	0.0027	0.0014	mg/Kg	☼	10/11/25 10:36	10/15/25 23:01	1
1,1,2-Trichloro-1,2,2-trifluoroethane	0.0027	U	0.0027	0.00081	mg/Kg	☼	10/11/25 10:36	10/15/25 23:01	1
1,1,2-Trichloroethane	0.0027	U	0.0027	0.0016	mg/Kg	☼	10/11/25 10:36	10/15/25 23:01	1
1,1-Dichloroethane	0.0027	U	0.0027	0.0016	mg/Kg	☼	10/11/25 10:36	10/15/25 23:01	1
1,1-Dichloroethene	0.0027	U	0.0027	0.00060	mg/Kg	☼	10/11/25 10:36	10/15/25 23:01	1
1,2,3-Trichlorobenzene	0.0027	U	0.0027	0.0020	mg/Kg	☼	10/11/25 10:36	10/15/25 23:01	1
1,2,4-Trichlorobenzene	0.0027	U	0.0027	0.00096	mg/Kg	☼	10/11/25 10:36	10/15/25 23:01	1
1,2,4-Trimethylbenzene	0.0027	U	0.0027	0.00066	mg/Kg	☼	10/11/25 10:36	10/15/25 23:01	1
1,2-Dibromo-3-Chloropropane	0.0027	U	0.0027	0.0012	mg/Kg	☼	10/11/25 10:36	10/15/25 23:01	1
1,2-Dichlorobenzene	0.0027	U	0.0027	0.00097	mg/Kg	☼	10/11/25 10:36	10/15/25 23:01	1
1,2-Dichloroethane	0.0027	U	0.0027	0.00079	mg/Kg	☼	10/11/25 10:36	10/15/25 23:01	1
1,2-Dichloropropane	0.0027	U	0.0027	0.0011	mg/Kg	☼	10/11/25 10:36	10/15/25 23:01	1
1,3,5-Trimethylbenzene	0.0027	U	0.0027	0.00084	mg/Kg	☼	10/11/25 10:36	10/15/25 23:01	1
1,3-Dichlorobenzene	0.0027	U	0.0027	0.00098	mg/Kg	☼	10/11/25 10:36	10/15/25 23:01	1
1,4-Dichlorobenzene	0.0027	U	0.0027	0.0014	mg/Kg	☼	10/11/25 10:36	10/15/25 23:01	1
2-Butanone (MEK)	0.013	U	0.013	0.00099	mg/Kg	☼	10/11/25 10:36	10/15/25 23:01	1
2-Hexanone	0.013	U	0.013	0.0046	mg/Kg	☼	10/11/25 10:36	10/15/25 23:01	1
4-Methyl-2-pentanone (MIBK)	0.013	U	0.013	0.0042	mg/Kg	☼	10/11/25 10:36	10/15/25 23:01	1
Acetone	**0.058**		0.016	0.015	mg/Kg	☼	10/11/25 10:36	10/15/25 23:01	1
Benzene	0.0027	U	0.0027	0.0015	mg/Kg	☼	10/11/25 10:36	10/15/25 23:01	1
Bromoform	0.0027	U	0.0027	0.0011	mg/Kg	☼	10/11/25 10:36	10/15/25 23:01	1
Bromomethane	0.0054	U	0.0054	0.0027	mg/Kg	☼	10/11/25 10:36	10/15/25 23:01	1

Client Sample ID: 3B1_1-2
Date Collected: 10/08/25 13:15
Date Received: 10/08/25 17:00

Lab Sample ID: 460-336761-70
Matrix: Solid
Percent Solids: 89.5

Method: SW846 8260D - Volatile Organic Compounds by GC/MS (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Carbon disulfide	0.0027	U	0.0027	0.00071	mg/Kg	☼	10/11/25 10:36	10/15/25 23:01	1
Carbon tetrachloride	0.0027	U	0.0027	0.0010	mg/Kg	☼	10/11/25 10:36	10/15/25 23:01	1
Chlorobenzene	0.0027	U	0.0027	0.0014	mg/Kg	☼	10/11/25 10:36	10/15/25 23:01	1
Chlorobromomethane	0.0027	U	0.0027	0.0016	mg/Kg	☼	10/11/25 10:36	10/15/25 23:01	1
Chlorodibromomethane	0.0027	U	0.0027	0.0014	mg/Kg	☼	10/11/25 10:36	10/15/25 23:01	1
Chloroethane	0.0027	U	0.0027	0.0014	mg/Kg	☼	10/11/25 10:36	10/15/25 23:01	1
Chloroform	0.0027	U	0.0027	0.0026	mg/Kg	☼	10/11/25 10:36	10/15/25 23:01	1
Chloromethane	0.0027	U	0.0027	0.0012	mg/Kg	☼	10/11/25 10:36	10/15/25 23:01	1
cis-1,2-Dichloroethene	0.0027	U	0.0027	0.00096	mg/Kg	☼	10/11/25 10:36	10/15/25 23:01	1
cis-1,3-Dichloropropene	0.0027	U	0.0027	0.00073	mg/Kg	☼	10/11/25 10:36	10/15/25 23:01	1
Cyclohexane	0.0027	U	0.0027	0.00059	mg/Kg	☼	10/11/25 10:36	10/15/25 23:01	1
Dichlorobromomethane	0.0027	U	0.0027	0.00069	mg/Kg	☼	10/11/25 10:36	10/15/25 23:01	1
Dichlorodifluoromethane	0.0027	U *	0.0027	0.00091	mg/Kg	☼	10/11/25 10:36	10/15/25 23:01	1
Ethylbenzene	0.0027	U	0.0027	0.0013	mg/Kg	☼	10/11/25 10:36	10/15/25 23:01	1
Ethylene Dibromide	0.0027	U	0.0027	0.0014	mg/Kg	☼	10/11/25 10:36	10/15/25 23:01	1
Isopropylbenzene	0.0027	U	0.0027	0.00076	mg/Kg	☼	10/11/25 10:36	10/15/25 23:01	1
Methyl acetate	0.013	U	0.013	0.012	mg/Kg	☼	10/11/25 10:36	10/15/25 23:01	1
Methyl tert-butyl ether	0.0027	U	0.0027	0.0014	mg/Kg	☼	10/11/25 10:36	10/15/25 23:01	1
Methylcyclohexane	0.0027	U	0.0027	0.0013	mg/Kg	☼	10/11/25 10:36	10/15/25 23:01	1
Methylene Chloride	0.0054	U	0.0054	0.0031	mg/Kg	☼	10/11/25 10:36	10/15/25 23:01	1
m-Xylene & p-Xylene	0.0027	U	0.0027	0.0011	mg/Kg	☼	10/11/25 10:36	10/15/25 23:01	1
n-Butylbenzene	0.0027	U	0.0027	0.00079	mg/Kg	☼	10/11/25 10:36	10/15/25 23:01	1
N-Propylbenzene	0.0027	U	0.0027	0.0012	mg/Kg	☼	10/11/25 10:36	10/15/25 23:01	1
o-Xylene	0.0027	U	0.0027	0.0012	mg/Kg	☼	10/11/25 10:36	10/15/25 23:01	1
sec-Butylbenzene	0.0027	U	0.0027	0.00077	mg/Kg	☼	10/11/25 10:36	10/15/25 23:01	1
Styrene	0.0027	U	0.0027	0.00075	mg/Kg	☼	10/11/25 10:36	10/15/25 23:01	1
tert-Butylbenzene	0.0027	U	0.0027	0.00074	mg/Kg	☼	10/11/25 10:36	10/15/25 23:01	1
Tetrachloroethene	0.0027	U	0.0027	0.00082	mg/Kg	☼	10/11/25 10:36	10/15/25 23:01	1
Toluene	0.0027	U	0.0027	0.00063	mg/Kg	☼	10/11/25 10:36	10/15/25 23:01	1
trans-1,2-Dichloroethene	0.0027	U	0.0027	0.00066	mg/Kg	☼	10/11/25 10:36	10/15/25 23:01	1
trans-1,3-Dichloropropene	0.0027	U	0.0027	0.00071	mg/Kg	☼	10/11/25 10:36	10/15/25 23:01	1
Trichloroethene	0.0027	U	0.0027	0.00086	mg/Kg	☼	10/11/25 10:36	10/15/25 23:01	1
Trichlorofluoromethane	0.0027	U	0.0027	0.0011	mg/Kg	☼	10/11/25 10:36	10/15/25 23:01	1
Vinyl chloride	0.0027	U	0.0027	0.0015	mg/Kg	☼	10/11/25 10:36	10/15/25 23:01	1
Xylenes, Total	0.0054	U	0.0054	0.00047	mg/Kg	☼	10/11/25 10:36	10/15/25 23:01	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,2-Dichloroethane-d4 (Surr)	*91*		*65 - 138*	*10/11/25 10:36*	*10/15/25 23:01*	*1*
4-Bromofluorobenzene	*96*		*71 - 128*	*10/11/25 10:36*	*10/15/25 23:01*	*1*
Dibromofluoromethane (Surr)	*99*		*50 - 150*	*10/11/25 10:36*	*10/15/25 23:01*	*1*
Toluene-d8 (Surr)	*100*		*71 - 126*	*10/11/25 10:36*	*10/15/25 23:01*	*1*

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Percent Moisture (EPA Moisture)	**10.5**		1.0	1.0	%			10/12/25 17:49	1
Percent Solids (EPA Moisture)	**89.5**		1.0	1.0	%			10/12/25 17:49	1

Client: Haley & Aldrich, Inc.
Project/Site: Former Port Mobil

Job ID: 460-336761-1

Client Sample ID: 3B2_2-3
Date Collected: 10/08/25 13:20
Date Received: 10/08/25 17:00

Lab Sample ID: 460-336761-71
Matrix: Solid
Percent Solids: 88.3

Method: SW846 8260D - Volatile Organic Compounds by GC/MS

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1-Trichloroethane	0.0012	U	0.0012	0.00028	mg/Kg	☼	10/11/25 10:36	10/14/25 10:54	1
1,1,2,2-Tetrachloroethane	0.0012	U	0.0012	0.00062	mg/Kg	☼	10/11/25 10:36	10/14/25 10:54	1
1,1,2-Trichloro-1,2,2-trifluoroethane	0.0012	U	0.0012	0.00036	mg/Kg	☼	10/11/25 10:36	10/14/25 10:54	1
1,1,2-Trichloroethane	0.0012	U	0.0012	0.00071	mg/Kg	☼	10/11/25 10:36	10/14/25 10:54	1
1,1-Dichloroethane	0.0012	U	0.0012	0.00071	mg/Kg	☼	10/11/25 10:36	10/14/25 10:54	1
1,1-Dichloroethene	0.0012	U	0.0012	0.00027	mg/Kg	☼	10/11/25 10:36	10/14/25 10:54	1
1,2,3-Trichlorobenzene	0.0012	U	0.0012	0.00088	mg/Kg	☼	10/11/25 10:36	10/14/25 10:54	1
1,2,4-Trichlorobenzene	0.0012	U	0.0012	0.00043	mg/Kg	☼	10/11/25 10:36	10/14/25 10:54	1
1,2,4-Trimethylbenzene	0.0012	U	0.0012	0.00029	mg/Kg	☼	10/11/25 10:36	10/14/25 10:54	1
1,2-Dibromo-3-Chloropropane	0.0012	U	0.0012	0.00055	mg/Kg	☼	10/11/25 10:36	10/14/25 10:54	1
1,2-Dichlorobenzene	0.0012	U	0.0012	0.00043	mg/Kg	☼	10/11/25 10:36	10/14/25 10:54	1
1,2-Dichloroethane	0.0012	U	0.0012	0.00035	mg/Kg	☼	10/11/25 10:36	10/14/25 10:54	1
1,2-Dichloropropane	0.0012	U	0.0012	0.00050	mg/Kg	☼	10/11/25 10:36	10/14/25 10:54	1
1,3,5-Trimethylbenzene	0.0012	U	0.0012	0.00037	mg/Kg	☼	10/11/25 10:36	10/14/25 10:54	1
1,3-Dichlorobenzene	0.0012	U	0.0012	0.00043	mg/Kg	☼	10/11/25 10:36	10/14/25 10:54	1
1,4-Dichlorobenzene	0.0012	U	0.0012	0.00062	mg/Kg	☼	10/11/25 10:36	10/14/25 10:54	1
2-Butanone (MEK)	0.0059	U	0.0059	0.00044	mg/Kg	☼	10/11/25 10:36	10/14/25 10:54	1
2-Hexanone	0.0059	U	0.0059	0.0020	mg/Kg	☼	10/11/25 10:36	10/14/25 10:54	1
4-Methyl-2-pentanone (MIBK)	0.0059	U	0.0059	0.0018	mg/Kg	☼	10/11/25 10:36	10/14/25 10:54	1
Acetone	0.0071	U	0.0071	0.0068	mg/Kg	☼	10/11/25 10:36	10/14/25 10:54	1
Benzene	0.0012	U	0.0012	0.00067	mg/Kg	☼	10/11/25 10:36	10/14/25 10:54	1
Bromoform	0.0012	U	0.0012	0.00050	mg/Kg	☼	10/11/25 10:36	10/14/25 10:54	1
Bromomethane	0.0024	U	0.0024	0.0012	mg/Kg	☼	10/11/25 10:36	10/14/25 10:54	1
Carbon disulfide	0.0012	U	0.0012	0.00032	mg/Kg	☼	10/11/25 10:36	10/14/25 10:54	1
Carbon tetrachloride	0.0012	U	0.0012	0.00046	mg/Kg	☼	10/11/25 10:36	10/14/25 10:54	1
Chlorobenzene	0.0012	U	0.0012	0.00060	mg/Kg	☼	10/11/25 10:36	10/14/25 10:54	1
Chlorobromomethane	0.0012	U	0.0012	0.00071	mg/Kg	☼	10/11/25 10:36	10/14/25 10:54	1
Chlorodibromomethane	0.0012	U	0.0012	0.00064	mg/Kg	☼	10/11/25 10:36	10/14/25 10:54	1
Chloroethane	0.0012	U	0.0012	0.00062	mg/Kg	☼	10/11/25 10:36	10/14/25 10:54	1
Chloroform	0.0012	U	0.0012	0.0012	mg/Kg	☼	10/11/25 10:36	10/14/25 10:54	1
Chloromethane	0.0012	U	0.0012	0.00052	mg/Kg	☼	10/11/25 10:36	10/14/25 10:54	1
cis-1,2-Dichloroethene	0.0012	U	0.0012	0.00043	mg/Kg	☼	10/11/25 10:36	10/14/25 10:54	1
cis-1,3-Dichloropropene	0.0012	U	0.0012	0.00032	mg/Kg	☼	10/11/25 10:36	10/14/25 10:54	1
Cyclohexane	0.0012	U	0.0012	0.00026	mg/Kg	☼	10/11/25 10:36	10/14/25 10:54	1
Dichlorobromomethane	0.0012	U	0.0012	0.00031	mg/Kg	☼	10/11/25 10:36	10/14/25 10:54	1
Dichlorodifluoromethane	0.0012	U	0.0012	0.00040	mg/Kg	☼	10/11/25 10:36	10/14/25 10:54	1
Ethylbenzene	0.0012	U	0.0012	0.00056	mg/Kg	☼	10/11/25 10:36	10/14/25 10:54	1
Ethylene Dibromide	0.0012	U	0.0012	0.00060	mg/Kg	☼	10/11/25 10:36	10/14/25 10:54	1
Isopropylbenzene	0.0012	U	0.0012	0.00034	mg/Kg	☼	10/11/25 10:36	10/14/25 10:54	1
Methyl acetate	0.0059	U	0.0059	0.0051	mg/Kg	☼	10/11/25 10:36	10/14/25 10:54	1
Methyl tert-butyl ether	0.0012	U	0.0012	0.00061	mg/Kg	☼	10/11/25 10:36	10/14/25 10:54	1
Methylcyclohexane	0.0012	U	0.0012	0.00059	mg/Kg	☼	10/11/25 10:36	10/14/25 10:54	1
Methylene Chloride	0.0024	U	0.0024	0.0014	mg/Kg	☼	10/11/25 10:36	10/14/25 10:54	1
m-Xylene & p-Xylene	0.0012	U	0.0012	0.00050	mg/Kg	☼	10/11/25 10:36	10/14/25 10:54	1
n-Butylbenzene	0.0012	U	0.0012	0.00035	mg/Kg	☼	10/11/25 10:36	10/14/25 10:54	1
N-Propylbenzene	0.0012	U	0.0012	0.00053	mg/Kg	☼	10/11/25 10:36	10/14/25 10:54	1
o-Xylene	0.0012	U	0.0012	0.00055	mg/Kg	☼	10/11/25 10:36	10/14/25 10:54	1
sec-Butylbenzene	0.0012	U	0.0012	0.00034	mg/Kg	☼	10/11/25 10:36	10/14/25 10:54	1
Styrene	0.0012	U	0.0012	0.00033	mg/Kg	☼	10/11/25 10:36	10/14/25 10:54	1

Client Sample ID: 3B2_2-3

Lab Sample ID: 460-336761-71

Date Collected: 10/08/25 13:20
Matrix: Solid
Date Received: 10/08/25 17:00
Percent Solids: 88.3

Method: SW846 8260D - Volatile Organic Compounds by GC/MS (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
tert-Butylbenzene	0.0012	U	0.0012	0.00033	mg/Kg	☼	10/11/25 10:36	10/14/25 10:54	1
Tetrachloroethene	0.0012	U	0.0012	0.00036	mg/Kg	☼	10/11/25 10:36	10/14/25 10:54	1
Toluene	**0.00071**	**J**	0.0012	0.00028	mg/Kg	☼	10/11/25 10:36	10/14/25 10:54	1
trans-1,2-Dichloroethene	0.0012	U	0.0012	0.00029	mg/Kg	☼	10/11/25 10:36	10/14/25 10:54	1
trans-1,3-Dichloropropene	0.0012	U	0.0012	0.00032	mg/Kg	☼	10/11/25 10:36	10/14/25 10:54	1
Trichloroethene	0.0012	U	0.0012	0.00038	mg/Kg	☼	10/11/25 10:36	10/14/25 10:54	1
Trichlorofluoromethane	0.0012	U	0.0012	0.00048	mg/Kg	☼	10/11/25 10:36	10/14/25 10:54	1
Vinyl chloride	0.0012	U	0.0012	0.00065	mg/Kg	☼	10/11/25 10:36	10/14/25 10:54	1
Xylenes, Total	0.0024	U	0.0024	0.00021	mg/Kg	☼	10/11/25 10:36	10/14/25 10:54	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,2-Dichloroethane-d4 (Surr)	*85*		*65 - 138*	*10/11/25 10:36*	*10/14/25 10:54*	*1*
4-Bromofluorobenzene	*94*		*71 - 128*	*10/11/25 10:36*	*10/14/25 10:54*	*1*
Dibromofluoromethane (Surr)	*99*		*50 - 150*	*10/11/25 10:36*	*10/14/25 10:54*	*1*
Toluene-d8 (Surr)	*99*		*71 - 126*	*10/11/25 10:36*	*10/14/25 10:54*	*1*

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Percent Moisture (EPA Moisture)	**11.7**		1.0	1.0	%			10/12/25 17:49	1
Percent Solids (EPA Moisture)	**88.3**		1.0	1.0	%			10/12/25 17:49	1

Client Sample ID: 3B3_4-5

Lab Sample ID: 460-336761-72

Date Collected: 10/08/25 13:25
Matrix: Solid
Date Received: 10/08/25 17:00
Percent Solids: 90.3

Method: SW846 8260D - Volatile Organic Compounds by GC/MS

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1-Trichloroethane	0.00094	U	0.00094	0.00022	mg/Kg	☼	10/11/25 10:36	10/13/25 13:57	1
1,1,2,2-Tetrachloroethane	0.00094	U	0.00094	0.00049	mg/Kg	☼	10/11/25 10:36	10/13/25 13:57	1
1,1,2-Trichloro-1,2,2-trifluoroethane	0.00094	U	0.00094	0.00028	mg/Kg	☼	10/11/25 10:36	10/13/25 13:57	1
1,1,2-Trichloroethane	0.00094	U	0.00094	0.00057	mg/Kg	☼	10/11/25 10:36	10/13/25 13:57	1
1,1-Dichloroethane	0.00094	U	0.00094	0.00056	mg/Kg	☼	10/11/25 10:36	10/13/25 13:57	1
1,1-Dichloroethene	0.00094	U	0.00094	0.00021	mg/Kg	☼	10/11/25 10:36	10/13/25 13:57	1
1,2,3-Trichlorobenzene	0.00094	U	0.00094	0.00070	mg/Kg	☼	10/11/25 10:36	10/13/25 13:57	1
1,2,4-Trichlorobenzene	0.00094	U	0.00094	0.00034	mg/Kg	☼	10/11/25 10:36	10/13/25 13:57	1
1,2,4-Trimethylbenzene	0.00094	U	0.00094	0.00023	mg/Kg	☼	10/11/25 10:36	10/13/25 13:57	1
1,2-Dibromo-3-Chloropropane	0.00094	U	0.00094	0.00043	mg/Kg	☼	10/11/25 10:36	10/13/25 13:57	1
1,2-Dichlorobenzene	0.00094	U	0.00094	0.00034	mg/Kg	☼	10/11/25 10:36	10/13/25 13:57	1
1,2-Dichloroethane	0.00094	U	0.00094	0.00028	mg/Kg	☼	10/11/25 10:36	10/13/25 13:57	1
1,2-Dichloropropane	0.00094	U	0.00094	0.00040	mg/Kg	☼	10/11/25 10:36	10/13/25 13:57	1
1,3,5-Trimethylbenzene	0.00094	U	0.00094	0.00030	mg/Kg	☼	10/11/25 10:36	10/13/25 13:57	1
1,3-Dichlorobenzene	0.00094	U	0.00094	0.00034	mg/Kg	☼	10/11/25 10:36	10/13/25 13:57	1
1,4-Dichlorobenzene	0.00094	U	0.00094	0.00049	mg/Kg	☼	10/11/25 10:36	10/13/25 13:57	1
2-Butanone (MEK)	0.0047	U	0.0047	0.00035	mg/Kg	☼	10/11/25 10:36	10/13/25 13:57	1
2-Hexanone	0.0047	U	0.0047	0.0016	mg/Kg	☼	10/11/25 10:36	10/13/25 13:57	1
4-Methyl-2-pentanone (MIBK)	0.0047	U	0.0047	0.0015	mg/Kg	☼	10/11/25 10:36	10/13/25 13:57	1
Acetone	0.0057	U	0.0057	0.0054	mg/Kg	☼	10/11/25 10:36	10/13/25 13:57	1
Benzene	0.00094	U	0.00094	0.00054	mg/Kg	☼	10/11/25 10:36	10/13/25 13:57	1
Bromoform	0.00094	U	0.00094	0.00040	mg/Kg	☼	10/11/25 10:36	10/13/25 13:57	1
Bromomethane	0.0019	U	0.0019	0.00094	mg/Kg	☼	10/11/25 10:36	10/13/25 13:57	1

Client Sample ID: 3B3_4-5
Date Collected: 10/08/25 13:25
Date Received: 10/08/25 17:00

Lab Sample ID: 460-336761-72
Matrix: Solid
Percent Solids: 90.3

Method: SW846 8260D - Volatile Organic Compounds by GC/MS (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Carbon disulfide	0.00094	U	0.00094	0.00025	mg/Kg	☼	10/11/25 10:36	10/13/25 13:57	1
Carbon tetrachloride	0.00094	U	0.00094	0.00037	mg/Kg	☼	10/11/25 10:36	10/13/25 13:57	1
Chlorobenzene	0.00094	U	0.00094	0.00048	mg/Kg	☼	10/11/25 10:36	10/13/25 13:57	1
Chlorobromomethane	0.00094	U	0.00094	0.00056	mg/Kg	☼	10/11/25 10:36	10/13/25 13:57	1
Chlorodibromomethane	0.00094	U	0.00094	0.00051	mg/Kg	☼	10/11/25 10:36	10/13/25 13:57	1
Chloroethane	0.00094	U	0.00094	0.00049	mg/Kg	☼	10/11/25 10:36	10/13/25 13:57	1
Chloroform	0.00094	U	0.00094	0.00092	mg/Kg	☼	10/11/25 10:36	10/13/25 13:57	1
Chloromethane	0.00094	U	0.00094	0.00041	mg/Kg	☼	10/11/25 10:36	10/13/25 13:57	1
cis-1,2-Dichloroethene	0.00094	U	0.00094	0.00034	mg/Kg	☼	10/11/25 10:36	10/13/25 13:57	1
cis-1,3-Dichloropropene	0.00094	U	0.00094	0.00026	mg/Kg	☼	10/11/25 10:36	10/13/25 13:57	1
Cyclohexane	0.00094	U	0.00094	0.00021	mg/Kg	☼	10/11/25 10:36	10/13/25 13:57	1
Dichlorobromomethane	0.00094	U	0.00094	0.00024	mg/Kg	☼	10/11/25 10:36	10/13/25 13:57	1
Dichlorodifluoromethane	0.00094	U	0.00094	0.00032	mg/Kg	☼	10/11/25 10:36	10/13/25 13:57	1
Ethylbenzene	0.00094	U	0.00094	0.00044	mg/Kg	☼	10/11/25 10:36	10/13/25 13:57	1
Ethylene Dibromide	0.00094	U	0.00094	0.00048	mg/Kg	☼	10/11/25 10:36	10/13/25 13:57	1
Isopropylbenzene	0.00094	U	0.00094	0.00027	mg/Kg	☼	10/11/25 10:36	10/13/25 13:57	1
Methyl acetate	0.0047	U	0.0047	0.0041	mg/Kg	☼	10/11/25 10:36	10/13/25 13:57	1
Methyl tert-butyl ether	0.00094	U	0.00094	0.00048	mg/Kg	☼	10/11/25 10:36	10/13/25 13:57	1
Methylcyclohexane	0.00094	U	0.00094	0.00047	mg/Kg	☼	10/11/25 10:36	10/13/25 13:57	1
Methylene Chloride	0.0019	U	0.0019	0.0011	mg/Kg	☼	10/11/25 10:36	10/13/25 13:57	1
m-Xylene & p-Xylene	0.00094	U	0.00094	0.00040	mg/Kg	☼	10/11/25 10:36	10/13/25 13:57	1
n-Butylbenzene	0.00094	U	0.00094	0.00028	mg/Kg	☼	10/11/25 10:36	10/13/25 13:57	1
N-Propylbenzene	0.00094	U	0.00094	0.00042	mg/Kg	☼	10/11/25 10:36	10/13/25 13:57	1
o-Xylene	0.00094	U	0.00094	0.00044	mg/Kg	☼	10/11/25 10:36	10/13/25 13:57	1
sec-Butylbenzene	0.00094	U	0.00094	0.00027	mg/Kg	☼	10/11/25 10:36	10/13/25 13:57	1
Styrene	0.00094	U	0.00094	0.00026	mg/Kg	☼	10/11/25 10:36	10/13/25 13:57	1
tert-Butylbenzene	0.00094	U	0.00094	0.00026	mg/Kg	☼	10/11/25 10:36	10/13/25 13:57	1
Tetrachloroethene	0.00094	U	0.00094	0.00029	mg/Kg	☼	10/11/25 10:36	10/13/25 13:57	1
Toluene	0.00094	U	0.00094	0.00022	mg/Kg	☼	10/11/25 10:36	10/13/25 13:57	1
trans-1,2-Dichloroethene	0.00094	U	0.00094	0.00023	mg/Kg	☼	10/11/25 10:36	10/13/25 13:57	1
trans-1,3-Dichloropropene	0.00094	U	0.00094	0.00025	mg/Kg	☼	10/11/25 10:36	10/13/25 13:57	1
Trichloroethene	0.00094	U	0.00094	0.00030	mg/Kg	☼	10/11/25 10:36	10/13/25 13:57	1
Trichlorofluoromethane	0.00094	U	0.00094	0.00038	mg/Kg	☼	10/11/25 10:36	10/13/25 13:57	1
Vinyl chloride	0.00094	U	0.00094	0.00052	mg/Kg	☼	10/11/25 10:36	10/13/25 13:57	1
Xylenes, Total	0.0019	U	0.0019	0.00016	mg/Kg	☼	10/11/25 10:36	10/13/25 13:57	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,2-Dichloroethane-d4 (Surr)	*87*		*65 - 138*	*10/11/25 10:36*	*10/13/25 13:57*	*1*
4-Bromofluorobenzene	*95*		*71 - 128*	*10/11/25 10:36*	*10/13/25 13:57*	*1*
Dibromofluoromethane (Surr)	*99*		*50 - 150*	*10/11/25 10:36*	*10/13/25 13:57*	*1*
Toluene-d8 (Surr)	*99*		*71 - 126*	*10/11/25 10:36*	*10/13/25 13:57*	*1*

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Percent Moisture (EPA Moisture)	**9.7**		1.0	1.0	%			10/12/25 17:49	1
Percent Solids (EPA Moisture)	**90.3**		1.0	1.0	%			10/12/25 17:49	1

Client: Haley & Aldrich, Inc.
Project/Site: Former Port Mobil

Job ID: 460-336761-1

Client Sample ID: 3B1_6-7
Date Collected: 10/08/25 13:30
Date Received: 10/08/25 17:00

Lab Sample ID: 460-336761-73
Matrix: Solid
Percent Solids: 88.2

Method: SW846 8260D - Volatile Organic Compounds by GC/MS

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1-Trichloroethane	0.0011	U	0.0011	0.00026	mg/Kg	☼	10/11/25 10:43	10/13/25 14:21	1
1,1,2,2-Tetrachloroethane	0.0011	U	0.0011	0.00057	mg/Kg	☼	10/11/25 10:43	10/13/25 14:21	1
1,1,2-Trichloro-1,2,2-trifluoroethane	0.0011	U	0.0011	0.00033	mg/Kg	☼	10/11/25 10:43	10/13/25 14:21	1
1,1,2-Trichloroethane	0.0011	U	0.0011	0.00066	mg/Kg	☼	10/11/25 10:43	10/13/25 14:21	1
1,1-Dichloroethane	0.0011	U	0.0011	0.00066	mg/Kg	☼	10/11/25 10:43	10/13/25 14:21	1
1,1-Dichloroethene	0.0011	U	0.0011	0.00025	mg/Kg	☼	10/11/25 10:43	10/13/25 14:21	1
1,2,3-Trichlorobenzene	0.0011	U	0.0011	0.00081	mg/Kg	☼	10/11/25 10:43	10/13/25 14:21	1
1,2,4-Trichlorobenzene	0.0011	U	0.0011	0.00039	mg/Kg	☼	10/11/25 10:43	10/13/25 14:21	1
1,2,4-Trimethylbenzene	0.0011	U	0.0011	0.00027	mg/Kg	☼	10/11/25 10:43	10/13/25 14:21	1
1,2-Dibromo-3-Chloropropane	0.0011	U	0.0011	0.00051	mg/Kg	☼	10/11/25 10:43	10/13/25 14:21	1
1,2-Dichlorobenzene	0.0011	U	0.0011	0.00040	mg/Kg	☼	10/11/25 10:43	10/13/25 14:21	1
1,2-Dichloroethane	0.0011	U	0.0011	0.00033	mg/Kg	☼	10/11/25 10:43	10/13/25 14:21	1
1,2-Dichloropropane	0.0011	U	0.0011	0.00046	mg/Kg	☼	10/11/25 10:43	10/13/25 14:21	1
1,3,5-Trimethylbenzene	0.0011	U	0.0011	0.00034	mg/Kg	☼	10/11/25 10:43	10/13/25 14:21	1
1,3-Dichlorobenzene	0.0011	U	0.0011	0.00040	mg/Kg	☼	10/11/25 10:43	10/13/25 14:21	1
1,4-Dichlorobenzene	0.0011	U	0.0011	0.00057	mg/Kg	☼	10/11/25 10:43	10/13/25 14:21	1
2-Butanone (MEK)	0.0055	U	0.0055	0.00040	mg/Kg	☼	10/11/25 10:43	10/13/25 14:21	1
2-Hexanone	0.0055	U	0.0055	0.0019	mg/Kg	☼	10/11/25 10:43	10/13/25 14:21	1
4-Methyl-2-pentanone (MIBK)	0.0055	U	0.0055	0.0017	mg/Kg	☼	10/11/25 10:43	10/13/25 14:21	1
Acetone	0.0066	U	0.0066	0.0063	mg/Kg	☼	10/11/25 10:43	10/13/25 14:21	1
Benzene	0.0011	U	0.0011	0.00062	mg/Kg	☼	10/11/25 10:43	10/13/25 14:21	1
Bromoform	0.0011	U	0.0011	0.00047	mg/Kg	☼	10/11/25 10:43	10/13/25 14:21	1
Bromomethane	0.0022	U	0.0022	0.0011	mg/Kg	☼	10/11/25 10:43	10/13/25 14:21	1
Carbon disulfide	0.0011	U	0.0011	0.00029	mg/Kg	☼	10/11/25 10:43	10/13/25 14:21	1
Carbon tetrachloride	0.0011	U	0.0011	0.00042	mg/Kg	☼	10/11/25 10:43	10/13/25 14:21	1
Chlorobenzene	0.0011	U	0.0011	0.00056	mg/Kg	☼	10/11/25 10:43	10/13/25 14:21	1
Chlorobromomethane	0.0011	U	0.0011	0.00065	mg/Kg	☼	10/11/25 10:43	10/13/25 14:21	1
Chlorodibromomethane	0.0011	U	0.0011	0.00059	mg/Kg	☼	10/11/25 10:43	10/13/25 14:21	1
Chloroethane	0.0011	U	0.0011	0.00057	mg/Kg	☼	10/11/25 10:43	10/13/25 14:21	1
Chloroform	0.0011	U	0.0011	0.0011	mg/Kg	☼	10/11/25 10:43	10/13/25 14:21	1
Chloromethane	0.0011	U	0.0011	0.00048	mg/Kg	☼	10/11/25 10:43	10/13/25 14:21	1
cis-1,2-Dichloroethene	0.0011	U	0.0011	0.00039	mg/Kg	☼	10/11/25 10:43	10/13/25 14:21	1
cis-1,3-Dichloropropene	0.0011	U	0.0011	0.00030	mg/Kg	☼	10/11/25 10:43	10/13/25 14:21	1
Cyclohexane	0.0011	U	0.0011	0.00024	mg/Kg	☼	10/11/25 10:43	10/13/25 14:21	1
Dichlorobromomethane	0.0011	U	0.0011	0.00028	mg/Kg	☼	10/11/25 10:43	10/13/25 14:21	1
Dichlorodifluoromethane	0.0011	U	0.0011	0.00037	mg/Kg	☼	10/11/25 10:43	10/13/25 14:21	1
Ethylbenzene	0.0011	U	0.0011	0.00051	mg/Kg	☼	10/11/25 10:43	10/13/25 14:21	1
Ethylene Dibromide	0.0011	U	0.0011	0.00055	mg/Kg	☼	10/11/25 10:43	10/13/25 14:21	1
Isopropylbenzene	0.0011	U	0.0011	0.00031	mg/Kg	☼	10/11/25 10:43	10/13/25 14:21	1
Methyl acetate	0.0055	U	0.0055	0.0047	mg/Kg	☼	10/11/25 10:43	10/13/25 14:21	1
Methyl tert-butyl ether	0.0011	U	0.0011	0.00056	mg/Kg	☼	10/11/25 10:43	10/13/25 14:21	1
Methylcyclohexane	0.0011	U	0.0011	0.00055	mg/Kg	☼	10/11/25 10:43	10/13/25 14:21	1
Methylene Chloride	0.0022	U	0.0022	0.0013	mg/Kg	☼	10/11/25 10:43	10/13/25 14:21	1
m-Xylene & p-Xylene	0.0011	U	0.0011	0.00046	mg/Kg	☼	10/11/25 10:43	10/13/25 14:21	1
n-Butylbenzene	0.0011	U	0.0011	0.00032	mg/Kg	☼	10/11/25 10:43	10/13/25 14:21	1
N-Propylbenzene	0.0011	U	0.0011	0.00049	mg/Kg	☼	10/11/25 10:43	10/13/25 14:21	1
o-Xylene	0.0011	U	0.0011	0.00051	mg/Kg	☼	10/11/25 10:43	10/13/25 14:21	1
sec-Butylbenzene	0.0011	U	0.0011	0.00032	mg/Kg	☼	10/11/25 10:43	10/13/25 14:21	1
Styrene	0.0011	U	0.0011	0.00031	mg/Kg	☼	10/11/25 10:43	10/13/25 14:21	1

Client Sample ID: 3B1_6-7

Lab Sample ID: 460-336761-73

Date Collected: 10/08/25 13:30
Matrix: Solid
Date Received: 10/08/25 17:00
Percent Solids: 88.2

Method: SW846 8260D - Volatile Organic Compounds by GC/MS (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
tert-Butylbenzene	0.0011	U	0.0011	0.00030	mg/Kg	☼	10/11/25 10:43	10/13/25 14:21	1
Tetrachloroethene	0.0011	U	0.0011	0.00033	mg/Kg	☼	10/11/25 10:43	10/13/25 14:21	1
Toluene	0.0011	U	0.0011	0.00026	mg/Kg	☼	10/11/25 10:43	10/13/25 14:21	1
trans-1,2-Dichloroethene	0.0011	U	0.0011	0.00027	mg/Kg	☼	10/11/25 10:43	10/13/25 14:21	1
trans-1,3-Dichloropropene	0.0011	U	0.0011	0.00029	mg/Kg	☼	10/11/25 10:43	10/13/25 14:21	1
Trichloroethene	0.0011	U	0.0011	0.00035	mg/Kg	☼	10/11/25 10:43	10/13/25 14:21	1
Trichlorofluoromethane	0.0011	U	0.0011	0.00045	mg/Kg	☼	10/11/25 10:43	10/13/25 14:21	1
Vinyl chloride	0.0011	U	0.0011	0.00060	mg/Kg	☼	10/11/25 10:43	10/13/25 14:21	1
Xylenes, Total	0.0022	U	0.0022	0.00019	mg/Kg	☼	10/11/25 10:43	10/13/25 14:21	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,2-Dichloroethane-d4 (Surr)	*86*		*65 - 138*	*10/11/25 10:43*	*10/13/25 14:21*	*1*
4-Bromofluorobenzene	*94*		*71 - 128*	*10/11/25 10:43*	*10/13/25 14:21*	*1*
Dibromofluoromethane (Surr)	*97*		*50 - 150*	*10/11/25 10:43*	*10/13/25 14:21*	*1*
Toluene-d8 (Surr)	*99*		*71 - 126*	*10/11/25 10:43*	*10/13/25 14:21*	*1*

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Percent Moisture (EPA Moisture)	**11.8**		1.0	1.0	%			10/12/25 17:49	1
Percent Solids (EPA Moisture)	**88.2**		1.0	1.0	%			10/12/25 17:49	1

Client Sample ID: 3B2_8-9

Lab Sample ID: 460-336761-74

Date Collected: 10/08/25 13:35
Matrix: Solid
Date Received: 10/08/25 17:00
Percent Solids: 86.1

Method: SW846 8260D - Volatile Organic Compounds by GC/MS

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1-Trichloroethane	0.00086	U	0.00086	0.00020	mg/Kg	☼	10/11/25 10:43	10/13/25 14:46	1
1,1,2,2-Tetrachloroethane	0.00086	U	0.00086	0.00045	mg/Kg	☼	10/11/25 10:43	10/13/25 14:46	1
1,1,2-Trichloro-1,2,2-trifluoroethane	0.00086	U	0.00086	0.00026	mg/Kg	☼	10/11/25 10:43	10/13/25 14:46	1
1,1,2-Trichloroethane	0.00086	U	0.00086	0.00052	mg/Kg	☼	10/11/25 10:43	10/13/25 14:46	1
1,1-Dichloroethane	0.00086	U	0.00086	0.00051	mg/Kg	☼	10/11/25 10:43	10/13/25 14:46	1
1,1-Dichloroethene	0.00086	U	0.00086	0.00019	mg/Kg	☼	10/11/25 10:43	10/13/25 14:46	1
1,2,3-Trichlorobenzene	0.00086	U	0.00086	0.00064	mg/Kg	☼	10/11/25 10:43	10/13/25 14:46	1
1,2,4-Trichlorobenzene	0.00086	U	0.00086	0.00031	mg/Kg	☼	10/11/25 10:43	10/13/25 14:46	1
1,2,4-Trimethylbenzene	0.00086	U	0.00086	0.00021	mg/Kg	☼	10/11/25 10:43	10/13/25 14:46	1
1,2-Dibromo-3-Chloropropane	0.00086	U	0.00086	0.00040	mg/Kg	☼	10/11/25 10:43	10/13/25 14:46	1
1,2-Dichlorobenzene	0.00086	U	0.00086	0.00031	mg/Kg	☼	10/11/25 10:43	10/13/25 14:46	1
1,2-Dichloroethane	0.00086	U	0.00086	0.00026	mg/Kg	☼	10/11/25 10:43	10/13/25 14:46	1
1,2-Dichloropropane	0.00086	U	0.00086	0.00036	mg/Kg	☼	10/11/25 10:43	10/13/25 14:46	1
1,3,5-Trimethylbenzene	0.00086	U	0.00086	0.00027	mg/Kg	☼	10/11/25 10:43	10/13/25 14:46	1
1,3-Dichlorobenzene	0.00086	U	0.00086	0.00031	mg/Kg	☼	10/11/25 10:43	10/13/25 14:46	1
1,4-Dichlorobenzene	0.00086	U	0.00086	0.00045	mg/Kg	☼	10/11/25 10:43	10/13/25 14:46	1
2-Butanone (MEK)	0.0043	U	0.0043	0.00032	mg/Kg	☼	10/11/25 10:43	10/13/25 14:46	1
2-Hexanone	0.0043	U	0.0043	0.0015	mg/Kg	☼	10/11/25 10:43	10/13/25 14:46	1
4-Methyl-2-pentanone (MIBK)	0.0043	U	0.0043	0.0013	mg/Kg	☼	10/11/25 10:43	10/13/25 14:46	1
Acetone	0.0052	U	0.0052	0.0049	mg/Kg	☼	10/11/25 10:43	10/13/25 14:46	1
Benzene	0.00086	U	0.00086	0.00049	mg/Kg	☼	10/11/25 10:43	10/13/25 14:46	1
Bromoform	0.00086	U	0.00086	0.00037	mg/Kg	☼	10/11/25 10:43	10/13/25 14:46	1
Bromomethane	0.0017	U	0.0017	0.00086	mg/Kg	☼	10/11/25 10:43	10/13/25 14:46	1

Client Sample ID: 3B2_8-9
Date Collected: 10/08/25 13:35
Date Received: 10/08/25 17:00

Lab Sample ID: 460-336761-74
Matrix: Solid
Percent Solids: 86.1

Method: SW846 8260D - Volatile Organic Compounds by GC/MS (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Carbon disulfide	0.00086	U	0.00086	0.00023	mg/Kg	☼	10/11/25 10:43	10/13/25 14:46	1
Carbon tetrachloride	0.00086	U	0.00086	0.00033	mg/Kg	☼	10/11/25 10:43	10/13/25 14:46	1
Chlorobenzene	0.00086	U	0.00086	0.00044	mg/Kg	☼	10/11/25 10:43	10/13/25 14:46	1
Chlorobromomethane	0.00086	U	0.00086	0.00051	mg/Kg	☼	10/11/25 10:43	10/13/25 14:46	1
Chlorodibromomethane	0.00086	U	0.00086	0.00046	mg/Kg	☼	10/11/25 10:43	10/13/25 14:46	1
Chloroethane	0.00086	U	0.00086	0.00045	mg/Kg	☼	10/11/25 10:43	10/13/25 14:46	1
Chloroform	0.00086	U	0.00086	0.00084	mg/Kg	☼	10/11/25 10:43	10/13/25 14:46	1
Chloromethane	0.00086	U	0.00086	0.00038	mg/Kg	☼	10/11/25 10:43	10/13/25 14:46	1
cis-1,2-Dichloroethene	0.00086	U	0.00086	0.00031	mg/Kg	☼	10/11/25 10:43	10/13/25 14:46	1
cis-1,3-Dichloropropene	0.00086	U	0.00086	0.00024	mg/Kg	☼	10/11/25 10:43	10/13/25 14:46	1
Cyclohexane	0.00086	U	0.00086	0.00019	mg/Kg	☼	10/11/25 10:43	10/13/25 14:46	1
Dichlorobromomethane	0.00086	U	0.00086	0.00022	mg/Kg	☼	10/11/25 10:43	10/13/25 14:46	1
Dichlorodifluoromethane	0.00086	U	0.00086	0.00029	mg/Kg	☼	10/11/25 10:43	10/13/25 14:46	1
Ethylbenzene	0.00086	U	0.00086	0.00040	mg/Kg	☼	10/11/25 10:43	10/13/25 14:46	1
Ethylene Dibromide	0.00086	U	0.00086	0.00043	mg/Kg	☼	10/11/25 10:43	10/13/25 14:46	1
Isopropylbenzene	0.00086	U	0.00086	0.00025	mg/Kg	☼	10/11/25 10:43	10/13/25 14:46	1
Methyl acetate	0.0043	U	0.0043	0.0037	mg/Kg	☼	10/11/25 10:43	10/13/25 14:46	1
Methyl tert-butyl ether	0.00086	U	0.00086	0.00044	mg/Kg	☼	10/11/25 10:43	10/13/25 14:46	1
Methylcyclohexane	0.00086	U	0.00086	0.00043	mg/Kg	☼	10/11/25 10:43	10/13/25 14:46	1
Methylene Chloride	0.0017	U	0.0017	0.00099	mg/Kg	☼	10/11/25 10:43	10/13/25 14:46	1
m-Xylene & p-Xylene	0.00086	U	0.00086	0.00036	mg/Kg	☼	10/11/25 10:43	10/13/25 14:46	1
n-Butylbenzene	0.00086	U	0.00086	0.00025	mg/Kg	☼	10/11/25 10:43	10/13/25 14:46	1
N-Propylbenzene	0.00086	U	0.00086	0.00039	mg/Kg	☼	10/11/25 10:43	10/13/25 14:46	1
o-Xylene	0.00086	U	0.00086	0.00040	mg/Kg	☼	10/11/25 10:43	10/13/25 14:46	1
sec-Butylbenzene	0.00086	U	0.00086	0.00025	mg/Kg	☼	10/11/25 10:43	10/13/25 14:46	1
Styrene	0.00086	U	0.00086	0.00024	mg/Kg	☼	10/11/25 10:43	10/13/25 14:46	1
tert-Butylbenzene	0.00086	U	0.00086	0.00024	mg/Kg	☼	10/11/25 10:43	10/13/25 14:46	1
Tetrachloroethene	0.00086	U	0.00086	0.00026	mg/Kg	☼	10/11/25 10:43	10/13/25 14:46	1
Toluene	0.00086	U	0.00086	0.00020	mg/Kg	☼	10/11/25 10:43	10/13/25 14:46	1
trans-1,2-Dichloroethene	0.00086	U	0.00086	0.00021	mg/Kg	☼	10/11/25 10:43	10/13/25 14:46	1
trans-1,3-Dichloropropene	0.00086	U	0.00086	0.00023	mg/Kg	☼	10/11/25 10:43	10/13/25 14:46	1
Trichloroethene	0.00086	U	0.00086	0.00028	mg/Kg	☼	10/11/25 10:43	10/13/25 14:46	1
Trichlorofluoromethane	0.00086	U	0.00086	0.00035	mg/Kg	☼	10/11/25 10:43	10/13/25 14:46	1
Vinyl chloride	0.00086	U	0.00086	0.00047	mg/Kg	☼	10/11/25 10:43	10/13/25 14:46	1
Xylenes, Total	0.0017	U	0.0017	0.00015	mg/Kg	☼	10/11/25 10:43	10/13/25 14:46	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,2-Dichloroethane-d4 (Surr)	*86*		*65 - 138*	*10/11/25 10:43*	*10/13/25 14:46*	*1*
4-Bromofluorobenzene	*98*		*71 - 128*	*10/11/25 10:43*	*10/13/25 14:46*	*1*
Dibromofluoromethane (Surr)	*98*		*50 - 150*	*10/11/25 10:43*	*10/13/25 14:46*	*1*
Toluene-d8 (Surr)	*100*		*71 - 126*	*10/11/25 10:43*	*10/13/25 14:46*	*1*

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Percent Moisture (EPA Moisture)	**13.9**		1.0	1.0	%			10/12/25 17:49	1
Percent Solids (EPA Moisture)	**86.1**		1.0	1.0	%			10/12/25 17:49	1

Client Sample ID: 3B3_10-11
Date Collected: 10/08/25 13:40
Date Received: 10/08/25 17:00

Lab Sample ID: 460-336761-75
Matrix: Solid
Percent Solids: 87.6

Method: SW846 8260D - Volatile Organic Compounds by GC/MS

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1-Trichloroethane	0.00097	U	0.00097	0.00023	mg/Kg	☼	10/11/25 10:43	10/13/25 15:10	1
1,1,2,2-Tetrachloroethane	0.00097	U	0.00097	0.00051	mg/Kg	☼	10/11/25 10:43	10/13/25 15:10	1
1,1,2-Trichloro-1,2,2-trifluoroethane	0.00097	U	0.00097	0.00029	mg/Kg	☼	10/11/25 10:43	10/13/25 15:10	1
1,1,2-Trichloroethane	0.00097	U	0.00097	0.00058	mg/Kg	☼	10/11/25 10:43	10/13/25 15:10	1
1,1-Dichloroethane	0.00097	U	0.00097	0.00058	mg/Kg	☼	10/11/25 10:43	10/13/25 15:10	1
1,1-Dichloroethene	0.00097	U	0.00097	0.00022	mg/Kg	☼	10/11/25 10:43	10/13/25 15:10	1
1,2,3-Trichlorobenzene	0.00097	U	0.00097	0.00072	mg/Kg	☼	10/11/25 10:43	10/13/25 15:10	1
1,2,4-Trichlorobenzene	0.00097	U	0.00097	0.00035	mg/Kg	☼	10/11/25 10:43	10/13/25 15:10	1
1,2,4-Trimethylbenzene	0.00097	U	0.00097	0.00024	mg/Kg	☼	10/11/25 10:43	10/13/25 15:10	1
1,2-Dibromo-3-Chloropropane	0.00097	U	0.00097	0.00045	mg/Kg	☼	10/11/25 10:43	10/13/25 15:10	1
1,2-Dichlorobenzene	0.00097	U	0.00097	0.00035	mg/Kg	☼	10/11/25 10:43	10/13/25 15:10	1
1,2-Dichloroethane	0.00097	U	0.00097	0.00029	mg/Kg	☼	10/11/25 10:43	10/13/25 15:10	1
1,2-Dichloropropane	0.00097	U	0.00097	0.00041	mg/Kg	☼	10/11/25 10:43	10/13/25 15:10	1
1,3,5-Trimethylbenzene	0.00097	U	0.00097	0.00030	mg/Kg	☼	10/11/25 10:43	10/13/25 15:10	1
1,3-Dichlorobenzene	0.00097	U	0.00097	0.00035	mg/Kg	☼	10/11/25 10:43	10/13/25 15:10	1
1,4-Dichlorobenzene	0.00097	U	0.00097	0.00050	mg/Kg	☼	10/11/25 10:43	10/13/25 15:10	1
2-Butanone (MEK)	0.0049	U	0.0049	0.00036	mg/Kg	☼	10/11/25 10:43	10/13/25 15:10	1
2-Hexanone	0.0049	U	0.0049	0.0017	mg/Kg	☼	10/11/25 10:43	10/13/25 15:10	1
4-Methyl-2-pentanone (MIBK)	0.0049	U	0.0049	0.0015	mg/Kg	☼	10/11/25 10:43	10/13/25 15:10	1
Acetone	0.0058	U	0.0058	0.0056	mg/Kg	☼	10/11/25 10:43	10/13/25 15:10	1
Benzene	0.00097	U	0.00097	0.00055	mg/Kg	☼	10/11/25 10:43	10/13/25 15:10	1
Bromoform	0.00097	U	0.00097	0.00041	mg/Kg	☼	10/11/25 10:43	10/13/25 15:10	1
Bromomethane	0.0019	U	0.0019	0.00097	mg/Kg	☼	10/11/25 10:43	10/13/25 15:10	1
Carbon disulfide	0.00097	U	0.00097	0.00026	mg/Kg	☼	10/11/25 10:43	10/13/25 15:10	1
Carbon tetrachloride	0.00097	U	0.00097	0.00038	mg/Kg	☼	10/11/25 10:43	10/13/25 15:10	1
Chlorobenzene	0.00097	U	0.00097	0.00049	mg/Kg	☼	10/11/25 10:43	10/13/25 15:10	1
Chlorobromomethane	0.00097	U	0.00097	0.00058	mg/Kg	☼	10/11/25 10:43	10/13/25 15:10	1
Chlorodibromomethane	0.00097	U	0.00097	0.00052	mg/Kg	☼	10/11/25 10:43	10/13/25 15:10	1
Chloroethane	0.00097	U	0.00097	0.00051	mg/Kg	☼	10/11/25 10:43	10/13/25 15:10	1
Chloroform	0.00097	U	0.00097	0.00094	mg/Kg	☼	10/11/25 10:43	10/13/25 15:10	1
Chloromethane	0.00097	U	0.00097	0.00042	mg/Kg	☼	10/11/25 10:43	10/13/25 15:10	1
cis-1,2-Dichloroethene	0.00097	U	0.00097	0.00035	mg/Kg	☼	10/11/25 10:43	10/13/25 15:10	1
cis-1,3-Dichloropropene	0.00097	U	0.00097	0.00027	mg/Kg	☼	10/11/25 10:43	10/13/25 15:10	1
Cyclohexane	0.00097	U	0.00097	0.00021	mg/Kg	☼	10/11/25 10:43	10/13/25 15:10	1
Dichlorobromomethane	0.00097	U	0.00097	0.00025	mg/Kg	☼	10/11/25 10:43	10/13/25 15:10	1
Dichlorodifluoromethane	0.00097	U	0.00097	0.00033	mg/Kg	☼	10/11/25 10:43	10/13/25 15:10	1
Ethylbenzene	0.00097	U	0.00097	0.00045	mg/Kg	☼	10/11/25 10:43	10/13/25 15:10	1
Ethylene Dibromide	0.00097	U	0.00097	0.00049	mg/Kg	☼	10/11/25 10:43	10/13/25 15:10	1
Isopropylbenzene	0.00097	U	0.00097	0.00028	mg/Kg	☼	10/11/25 10:43	10/13/25 15:10	1
Methyl acetate	0.0049	U	0.0049	0.0042	mg/Kg	☼	10/11/25 10:43	10/13/25 15:10	1
Methyl tert-butyl ether	0.00097	U	0.00097	0.00050	mg/Kg	☼	10/11/25 10:43	10/13/25 15:10	1
Methylcyclohexane	0.00097	U	0.00097	0.00048	mg/Kg	☼	10/11/25 10:43	10/13/25 15:10	1
Methylene Chloride	0.0019	U	0.0019	0.0011	mg/Kg	☼	10/11/25 10:43	10/13/25 15:10	1
m-Xylene & p-Xylene	0.00097	U	0.00097	0.00041	mg/Kg	☼	10/11/25 10:43	10/13/25 15:10	1
n-Butylbenzene	0.00097	U	0.00097	0.00029	mg/Kg	☼	10/11/25 10:43	10/13/25 15:10	1
N-Propylbenzene	0.00097	U	0.00097	0.00044	mg/Kg	☼	10/11/25 10:43	10/13/25 15:10	1
o-Xylene	0.00097	U	0.00097	0.00045	mg/Kg	☼	10/11/25 10:43	10/13/25 15:10	1
sec-Butylbenzene	0.00097	U	0.00097	0.00028	mg/Kg	☼	10/11/25 10:43	10/13/25 15:10	1
Styrene	0.00097	U	0.00097	0.00027	mg/Kg	☼	10/11/25 10:43	10/13/25 15:10	1

Client Sample ID: 3B3_10-11

Lab Sample ID: 460-336761-75

Date Collected: 10/08/25 13:40
Matrix: Solid
Date Received: 10/08/25 17:00
Percent Solids: 87.6

Method: SW846 8260D - Volatile Organic Compounds by GC/MS (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
tert-Butylbenzene	0.00097	U	0.00097	0.00027	mg/Kg	☼	10/11/25 10:43	10/13/25 15:10	1
Tetrachloroethene	0.00097	U	0.00097	0.00030	mg/Kg	☼	10/11/25 10:43	10/13/25 15:10	1
Toluene	**0.00040**	**J**	0.00097	0.00023	mg/Kg	☼	10/11/25 10:43	10/13/25 15:10	1
trans-1,2-Dichloroethene	0.00097	U	0.00097	0.00024	mg/Kg	☼	10/11/25 10:43	10/13/25 15:10	1
trans-1,3-Dichloropropene	0.00097	U	0.00097	0.00026	mg/Kg	☼	10/11/25 10:43	10/13/25 15:10	1
Trichloroethene	0.00097	U	0.00097	0.00031	mg/Kg	☼	10/11/25 10:43	10/13/25 15:10	1
Trichlorofluoromethane	0.00097	U	0.00097	0.00039	mg/Kg	☼	10/11/25 10:43	10/13/25 15:10	1
Vinyl chloride	0.00097	U	0.00097	0.00053	mg/Kg	☼	10/11/25 10:43	10/13/25 15:10	1
Xylenes, Total	0.0019	U	0.0019	0.00017	mg/Kg	☼	10/11/25 10:43	10/13/25 15:10	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,2-Dichloroethane-d4 (Surr)	*88*		*65 - 138*	*10/11/25 10:43*	*10/13/25 15:10*	*1*
4-Bromofluorobenzene	*102*		*71 - 128*	*10/11/25 10:43*	*10/13/25 15:10*	*1*
Dibromofluoromethane (Surr)	*99*		*50 - 150*	*10/11/25 10:43*	*10/13/25 15:10*	*1*
Toluene-d8 (Surr)	*101*		*71 - 126*	*10/11/25 10:43*	*10/13/25 15:10*	*1*

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Percent Moisture (EPA Moisture)	**12.4**		1.0	1.0	%			10/12/25 18:39	1
Percent Solids (EPA Moisture)	**87.6**		1.0	1.0	%			10/12/25 18:39	1

Client Sample ID: 3B3_11-12

Lab Sample ID: 460-336761-76

Date Collected: 10/08/25 13:45
Matrix: Solid
Date Received: 10/08/25 17:00
Percent Solids: 88.1

Method: SW846 8260D - Volatile Organic Compounds by GC/MS

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1-Trichloroethane	0.0011	U	0.0011	0.00025	mg/Kg	☼	10/11/25 10:44	10/13/25 09:39	1
1,1,2,2-Tetrachloroethane	0.0011	U	0.0011	0.00056	mg/Kg	☼	10/11/25 10:44	10/13/25 09:39	1
1,1,2-Trichloro-1,2,2-trifluoroethane	0.0011	U	0.0011	0.00032	mg/Kg	☼	10/11/25 10:44	10/13/25 09:39	1
1,1,2-Trichloroethane	0.0011	U	0.0011	0.00064	mg/Kg	☼	10/11/25 10:44	10/13/25 09:39	1
1,1-Dichloroethane	0.0011	U	0.0011	0.00064	mg/Kg	☼	10/11/25 10:44	10/13/25 09:39	1
1,1-Dichloroethene	0.0011	U	0.0011	0.00024	mg/Kg	☼	10/11/25 10:44	10/13/25 09:39	1
1,2,3-Trichlorobenzene	0.0011	U	0.0011	0.00079	mg/Kg	☼	10/11/25 10:44	10/13/25 09:39	1
1,2,4-Trichlorobenzene	0.0011	U	0.0011	0.00038	mg/Kg	☼	10/11/25 10:44	10/13/25 09:39	1
1,2,4-Trimethylbenzene	0.0011	U	0.0011	0.00026	mg/Kg	☼	10/11/25 10:44	10/13/25 09:39	1
1,2-Dibromo-3-Chloropropane	0.0011	U	0.0011	0.00049	mg/Kg	☼	10/11/25 10:44	10/13/25 09:39	1
1,2-Dichlorobenzene	0.0011	U	0.0011	0.00039	mg/Kg	☼	10/11/25 10:44	10/13/25 09:39	1
1,2-Dichloroethane	0.0011	U	0.0011	0.00032	mg/Kg	☼	10/11/25 10:44	10/13/25 09:39	1
1,2-Dichloropropane	0.0011	U	0.0011	0.00045	mg/Kg	☼	10/11/25 10:44	10/13/25 09:39	1
1,3,5-Trimethylbenzene	0.0011	U	0.0011	0.00034	mg/Kg	☼	10/11/25 10:44	10/13/25 09:39	1
1,3-Dichlorobenzene	0.0011	U	0.0011	0.00039	mg/Kg	☼	10/11/25 10:44	10/13/25 09:39	1
1,4-Dichlorobenzene	0.0011	U	0.0011	0.00056	mg/Kg	☼	10/11/25 10:44	10/13/25 09:39	1
2-Butanone (MEK)	0.0054	U	0.0054	0.00039	mg/Kg	☼	10/11/25 10:44	10/13/25 09:39	1
2-Hexanone	0.0054	U *	0.0054	0.0018	mg/Kg	☼	10/11/25 10:44	10/13/25 09:39	1
4-Methyl-2-pentanone (MIBK)	0.0054	U *	0.0054	0.0017	mg/Kg	☼	10/11/25 10:44	10/13/25 09:39	1
Acetone	0.0064	U	0.0064	0.0061	mg/Kg	☼	10/11/25 10:44	10/13/25 09:39	1
Benzene	0.0011	U	0.0011	0.00061	mg/Kg	☼	10/11/25 10:44	10/13/25 09:39	1
Bromoform	0.0011	U	0.0011	0.00046	mg/Kg	☼	10/11/25 10:44	10/13/25 09:39	1
Bromomethane	0.0021	U	0.0021	0.0011	mg/Kg	☼	10/11/25 10:44	10/13/25 09:39	1

Client Sample ID: 3B3_11-12
Date Collected: 10/08/25 13:45
Date Received: 10/08/25 17:00

Lab Sample ID: 460-336761-76
Matrix: Solid
Percent Solids: 88.1

Method: SW846 8260D - Volatile Organic Compounds by GC/MS (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Carbon disulfide	0.0011	U	0.0011	0.00028	mg/Kg	☼	10/11/25 10:44	10/13/25 09:39	1
Carbon tetrachloride	0.0011	U	0.0011	0.00041	mg/Kg	☼	10/11/25 10:44	10/13/25 09:39	1
Chlorobenzene	0.0011	U	0.0011	0.00054	mg/Kg	☼	10/11/25 10:44	10/13/25 09:39	1
Chlorobromomethane	0.0011	U	0.0011	0.00064	mg/Kg	☼	10/11/25 10:44	10/13/25 09:39	1
Chlorodibromomethane	0.0011	U	0.0011	0.00058	mg/Kg	☼	10/11/25 10:44	10/13/25 09:39	1
Chloroethane	0.0011	U	0.0011	0.00056	mg/Kg	☼	10/11/25 10:44	10/13/25 09:39	1
Chloroform	0.0011	U	0.0011	0.0010	mg/Kg	☼	10/11/25 10:44	10/13/25 09:39	1
Chloromethane	0.0011	U	0.0011	0.00047	mg/Kg	☼	10/11/25 10:44	10/13/25 09:39	1
cis-1,2-Dichloroethene	0.0011	U	0.0011	0.00038	mg/Kg	☼	10/11/25 10:44	10/13/25 09:39	1
cis-1,3-Dichloropropene	0.0011	U	0.0011	0.00029	mg/Kg	☼	10/11/25 10:44	10/13/25 09:39	1
Cyclohexane	0.0011	U	0.0011	0.00024	mg/Kg	☼	10/11/25 10:44	10/13/25 09:39	1
Dichlorobromomethane	0.0011	U	0.0011	0.00028	mg/Kg	☼	10/11/25 10:44	10/13/25 09:39	1
Dichlorodifluoromethane	0.0011	U	0.0011	0.00036	mg/Kg	☼	10/11/25 10:44	10/13/25 09:39	1
Ethylbenzene	0.0011	U	0.0011	0.00050	mg/Kg	☼	10/11/25 10:44	10/13/25 09:39	1
Ethylene Dibromide	0.0011	U	0.0011	0.00054	mg/Kg	☼	10/11/25 10:44	10/13/25 09:39	1
Isopropylbenzene	0.0011	U	0.0011	0.00031	mg/Kg	☼	10/11/25 10:44	10/13/25 09:39	1
Methyl acetate	0.0054	U	0.0054	0.0046	mg/Kg	☼	10/11/25 10:44	10/13/25 09:39	1
Methyl tert-butyl ether	0.0011	U	0.0011	0.00055	mg/Kg	☼	10/11/25 10:44	10/13/25 09:39	1
Methylcyclohexane	0.0011	U	0.0011	0.00053	mg/Kg	☼	10/11/25 10:44	10/13/25 09:39	1
Methylene Chloride	0.0021	U	0.0021	0.0012	mg/Kg	☼	10/11/25 10:44	10/13/25 09:39	1
m-Xylene & p-Xylene	0.0011	U	0.0011	0.00045	mg/Kg	☼	10/11/25 10:44	10/13/25 09:39	1
n-Butylbenzene	0.0011	U	0.0011	0.00031	mg/Kg	☼	10/11/25 10:44	10/13/25 09:39	1
N-Propylbenzene	0.0011	U	0.0011	0.00048	mg/Kg	☼	10/11/25 10:44	10/13/25 09:39	1
o-Xylene	0.0011	U	0.0011	0.00049	mg/Kg	☼	10/11/25 10:44	10/13/25 09:39	1
sec-Butylbenzene	0.0011	U	0.0011	0.00031	mg/Kg	☼	10/11/25 10:44	10/13/25 09:39	1
Styrene	0.0011	U	0.0011	0.00030	mg/Kg	☼	10/11/25 10:44	10/13/25 09:39	1
tert-Butylbenzene	0.0011	U	0.0011	0.00030	mg/Kg	☼	10/11/25 10:44	10/13/25 09:39	1
Tetrachloroethene	0.0011	U	0.0011	0.00033	mg/Kg	☼	10/11/25 10:44	10/13/25 09:39	1
Toluene	0.0011	U	0.0011	0.00025	mg/Kg	☼	10/11/25 10:44	10/13/25 09:39	1
trans-1,2-Dichloroethene	0.0011	U	0.0011	0.00026	mg/Kg	☼	10/11/25 10:44	10/13/25 09:39	1
trans-1,3-Dichloropropene	0.0011	U	0.0011	0.00028	mg/Kg	☼	10/11/25 10:44	10/13/25 09:39	1
Trichloroethene	0.0011	U	0.0011	0.00034	mg/Kg	☼	10/11/25 10:44	10/13/25 09:39	1
Trichlorofluoromethane	0.0011	U	0.0011	0.00043	mg/Kg	☼	10/11/25 10:44	10/13/25 09:39	1
Vinyl chloride	0.0011	U	0.0011	0.00058	mg/Kg	☼	10/11/25 10:44	10/13/25 09:39	1
Xylenes, Total	0.0021	U	0.0021	0.00019	mg/Kg	☼	10/11/25 10:44	10/13/25 09:39	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,2-Dichloroethane-d4 (Surr)	*109*		*65 - 138*	*10/11/25 10:44*	*10/13/25 09:39*	*1*
4-Bromofluorobenzene	*101*		*71 - 128*	*10/11/25 10:44*	*10/13/25 09:39*	*1*
Dibromofluoromethane (Surr)	*115*		*50 - 150*	*10/11/25 10:44*	*10/13/25 09:39*	*1*
Toluene-d8 (Surr)	*94*		*71 - 126*	*10/11/25 10:44*	*10/13/25 09:39*	*1*

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Percent Moisture (EPA Moisture)	**11.9**		1.0	1.0	%			10/12/25 18:39	1
Percent Solids (EPA Moisture)	**88.1**		1.0	1.0	%			10/12/25 18:39	1

Client: Haley & Aldrich, Inc.
Project/Site: Former Port Mobil

Job ID: 460-336761-1

Client Sample ID: 3C1_1-2
Date Collected: 10/08/25 13:50
Date Received: 10/08/25 17:00

Lab Sample ID: 460-336761-77
Matrix: Solid
Percent Solids: 90.8

Method: SW846 8260D - Volatile Organic Compounds by GC/MS

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1-Trichloroethane	0.0010	U	0.0010	0.00024	mg/Kg	☼	10/11/25 10:44	10/12/25 00:12	1
1,1,2,2-Tetrachloroethane	0.0010	U	0.0010	0.00053	mg/Kg	☼	10/11/25 10:44	10/12/25 00:12	1
1,1,2-Trichloro-1,2,2-trifluoroethane	0.0010	U	0.0010	0.00031	mg/Kg	☼	10/11/25 10:44	10/12/25 00:12	1
1,1,2-Trichloroethane	0.0010	U	0.0010	0.00061	mg/Kg	☼	10/11/25 10:44	10/12/25 00:12	1
1,1-Dichloroethane	0.0010	U	0.0010	0.00061	mg/Kg	☼	10/11/25 10:44	10/12/25 00:12	1
1,1-Dichloroethene	0.0010	U	0.0010	0.00023	mg/Kg	☼	10/11/25 10:44	10/12/25 00:12	1
1,2,3-Trichlorobenzene	0.0010	U	0.0010	0.00075	mg/Kg	☼	10/11/25 10:44	10/12/25 00:12	1
1,2,4-Trichlorobenzene	0.0010	U	0.0010	0.00037	mg/Kg	☼	10/11/25 10:44	10/12/25 00:12	1
1,2,4-Trimethylbenzene	0.0010	U	0.0010	0.00025	mg/Kg	☼	10/11/25 10:44	10/12/25 00:12	1
1,2-Dibromo-3-Chloropropane	0.0010	U	0.0010	0.00047	mg/Kg	☼	10/11/25 10:44	10/12/25 00:12	1
1,2-Dichlorobenzene	0.0010	U	0.0010	0.00037	mg/Kg	☼	10/11/25 10:44	10/12/25 00:12	1
1,2-Dichloroethane	0.0010	U	0.0010	0.00030	mg/Kg	☼	10/11/25 10:44	10/12/25 00:12	1
1,2-Dichloropropane	0.0010	U	0.0010	0.00043	mg/Kg	☼	10/11/25 10:44	10/12/25 00:12	1
1,3,5-Trimethylbenzene	0.0010	U	0.0010	0.00032	mg/Kg	☼	10/11/25 10:44	10/12/25 00:12	1
1,3-Dichlorobenzene	0.0010	U	0.0010	0.00037	mg/Kg	☼	10/11/25 10:44	10/12/25 00:12	1
1,4-Dichlorobenzene	0.0010	U	0.0010	0.00053	mg/Kg	☼	10/11/25 10:44	10/12/25 00:12	1
2-Butanone (MEK)	0.0051	U	0.0051	0.00038	mg/Kg	☼	10/11/25 10:44	10/12/25 00:12	1
2-Hexanone	0.0051	U	0.0051	0.0017	mg/Kg	☼	10/11/25 10:44	10/12/25 00:12	1
4-Methyl-2-pentanone (MIBK)	0.0051	U	0.0051	0.0016	mg/Kg	☼	10/11/25 10:44	10/12/25 00:12	1
Acetone	0.0061	U	0.0061	0.0058	mg/Kg	☼	10/11/25 10:44	10/12/25 00:12	1
Benzene	0.0010	U	0.0010	0.00058	mg/Kg	☼	10/11/25 10:44	10/12/25 00:12	1
Bromoform	0.0010	U	0.0010	0.00043	mg/Kg	☼	10/11/25 10:44	10/12/25 00:12	1
Bromomethane	0.0020	U	0.0020	0.0010	mg/Kg	☼	10/11/25 10:44	10/12/25 00:12	1
Carbon disulfide	0.0010	U	0.0010	0.00027	mg/Kg	☼	10/11/25 10:44	10/12/25 00:12	1
Carbon tetrachloride	0.0010	U	0.0010	0.00040	mg/Kg	☼	10/11/25 10:44	10/12/25 00:12	1
Chlorobenzene	0.0010	U	0.0010	0.00052	mg/Kg	☼	10/11/25 10:44	10/12/25 00:12	1
Chlorobromomethane	0.0010	U	0.0010	0.00061	mg/Kg	☼	10/11/25 10:44	10/12/25 00:12	1
Chlorodibromomethane	0.0010	U	0.0010	0.00055	mg/Kg	☼	10/11/25 10:44	10/12/25 00:12	1
Chloroethane	0.0010	U	0.0010	0.00053	mg/Kg	☼	10/11/25 10:44	10/12/25 00:12	1
Chloroform	0.0010	U	0.0010	0.00099	mg/Kg	☼	10/11/25 10:44	10/12/25 00:12	1
Chloromethane	0.0010	U	0.0010	0.00044	mg/Kg	☼	10/11/25 10:44	10/12/25 00:12	1
cis-1,2-Dichloroethene	0.0010	U	0.0010	0.00037	mg/Kg	☼	10/11/25 10:44	10/12/25 00:12	1
cis-1,3-Dichloropropene	0.0010	U	0.0010	0.00028	mg/Kg	☼	10/11/25 10:44	10/12/25 00:12	1
Cyclohexane	0.0010	U	0.0010	0.00023	mg/Kg	☼	10/11/25 10:44	10/12/25 00:12	1
Dichlorobromomethane	0.0010	U	0.0010	0.00026	mg/Kg	☼	10/11/25 10:44	10/12/25 00:12	1
Dichlorodifluoromethane	0.0010	U	0.0010	0.00035	mg/Kg	☼	10/11/25 10:44	10/12/25 00:12	1
Ethylbenzene	0.0010	U	0.0010	0.00048	mg/Kg	☼	10/11/25 10:44	10/12/25 00:12	1
Ethylene Dibromide	0.0010	U	0.0010	0.00051	mg/Kg	☼	10/11/25 10:44	10/12/25 00:12	1
Isopropylbenzene	0.0010	U	0.0010	0.00029	mg/Kg	☼	10/11/25 10:44	10/12/25 00:12	1
Methyl acetate	0.0051	U	0.0051	0.0044	mg/Kg	☼	10/11/25 10:44	10/12/25 00:12	1
Methyl tert-butyl ether	0.0010	U	0.0010	0.00052	mg/Kg	☼	10/11/25 10:44	10/12/25 00:12	1
Methylcyclohexane	0.0010	U	0.0010	0.00051	mg/Kg	☼	10/11/25 10:44	10/12/25 00:12	1
Methylene Chloride	0.0020	U	0.0020	0.0012	mg/Kg	☼	10/11/25 10:44	10/12/25 00:12	1
m-Xylene & p-Xylene	0.0010	U	0.0010	0.00043	mg/Kg	☼	10/11/25 10:44	10/12/25 00:12	1
n-Butylbenzene	0.0010	U	0.0010	0.00030	mg/Kg	☼	10/11/25 10:44	10/12/25 00:12	1
N-Propylbenzene	0.0010	U	0.0010	0.00046	mg/Kg	☼	10/11/25 10:44	10/12/25 00:12	1
o-Xylene	0.0010	U	0.0010	0.00047	mg/Kg	☼	10/11/25 10:44	10/12/25 00:12	1
sec-Butylbenzene	0.0010	U	0.0010	0.00029	mg/Kg	☼	10/11/25 10:44	10/12/25 00:12	1
Styrene	0.0010	U	0.0010	0.00028	mg/Kg	☼	10/11/25 10:44	10/12/25 00:12	1

Client Sample ID: 3C1_1-2

Date Collected: 10/08/25 13:50
Date Received: 10/08/25 17:00

Lab Sample ID: 460-336761-77
Matrix: Solid
Percent Solids: 90.8

Method: SW846 8260D - Volatile Organic Compounds by GC/MS (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
tert-Butylbenzene	0.0010	U	0.0010	0.00028	mg/Kg	☼	10/11/25 10:44	10/12/25 00:12	1
Tetrachloroethene	0.0010	U	0.0010	0.00031	mg/Kg	☼	10/11/25 10:44	10/12/25 00:12	1
Toluene	0.0010	U	0.0010	0.00024	mg/Kg	☼	10/11/25 10:44	10/12/25 00:12	1
trans-1,2-Dichloroethene	0.0010	U	0.0010	0.00025	mg/Kg	☼	10/11/25 10:44	10/12/25 00:12	1
trans-1,3-Dichloropropene	0.0010	U	0.0010	0.00027	mg/Kg	☼	10/11/25 10:44	10/12/25 00:12	1
Trichloroethene	0.0010	U	0.0010	0.00033	mg/Kg	☼	10/11/25 10:44	10/12/25 00:12	1
Trichlorofluoromethane	0.0010	U	0.0010	0.00041	mg/Kg	☼	10/11/25 10:44	10/12/25 00:12	1
Vinyl chloride	0.0010	U	0.0010	0.00056	mg/Kg	☼	10/11/25 10:44	10/12/25 00:12	1
Xylenes, Total	0.0020	U	0.0020	0.00018	mg/Kg	☼	10/11/25 10:44	10/12/25 00:12	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,2-Dichloroethane-d4 (Surr)	*113*		*65 - 138*	*10/11/25 10:44*	*10/12/25 00:12*	*1*
4-Bromofluorobenzene	*101*		*71 - 128*	*10/11/25 10:44*	*10/12/25 00:12*	*1*
Dibromofluoromethane (Surr)	*125*		*50 - 150*	*10/11/25 10:44*	*10/12/25 00:12*	*1*
Toluene-d8 (Surr)	*93*		*71 - 126*	*10/11/25 10:44*	*10/12/25 00:12*	*1*

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Percent Moisture (EPA Moisture)	**9.2**		1.0	1.0	%			10/12/25 18:39	1
Percent Solids (EPA Moisture)	**90.8**		1.0	1.0	%			10/12/25 18:39	1

Client Sample ID: 3C2_2-3

Date Collected: 10/08/25 13:55
Date Received: 10/08/25 17:00

Lab Sample ID: 460-336761-78
Matrix: Solid
Percent Solids: 90.3

Method: SW846 8260D - Volatile Organic Compounds by GC/MS

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1-Trichloroethane	0.0011	U	0.0011	0.00025	mg/Kg	☼	10/11/25 10:44	10/11/25 19:13	1
1,1,2,2-Tetrachloroethane	0.0011	U	0.0011	0.00056	mg/Kg	☼	10/11/25 10:44	10/11/25 19:13	1
1,1,2-Trichloro-1,2,2-trifluoroethane	0.0011	U	0.0011	0.00032	mg/Kg	☼	10/11/25 10:44	10/11/25 19:13	1
1,1,2-Trichloroethane	0.0011	U	0.0011	0.00064	mg/Kg	☼	10/11/25 10:44	10/11/25 19:13	1
1,1-Dichloroethane	0.0011	U	0.0011	0.00064	mg/Kg	☼	10/11/25 10:44	10/11/25 19:13	1
1,1-Dichloroethene	0.0011	U	0.0011	0.00024	mg/Kg	☼	10/11/25 10:44	10/11/25 19:13	1
1,2,3-Trichlorobenzene	0.0011	U	0.0011	0.00079	mg/Kg	☼	10/11/25 10:44	10/11/25 19:13	1
1,2,4-Trichlorobenzene	0.0011	U	0.0011	0.00038	mg/Kg	☼	10/11/25 10:44	10/11/25 19:13	1
1,2,4-Trimethylbenzene	0.0011	U	0.0011	0.00026	mg/Kg	☼	10/11/25 10:44	10/11/25 19:13	1
1,2-Dibromo-3-Chloropropane	0.0011	U	0.0011	0.00049	mg/Kg	☼	10/11/25 10:44	10/11/25 19:13	1
1,2-Dichlorobenzene	0.0011	U	0.0011	0.00038	mg/Kg	☼	10/11/25 10:44	10/11/25 19:13	1
1,2-Dichloroethane	0.0011	U	0.0011	0.00031	mg/Kg	☼	10/11/25 10:44	10/11/25 19:13	1
1,2-Dichloropropane	0.0011	U	0.0011	0.00045	mg/Kg	☼	10/11/25 10:44	10/11/25 19:13	1
1,3,5-Trimethylbenzene	0.0011	U	0.0011	0.00033	mg/Kg	☼	10/11/25 10:44	10/11/25 19:13	1
1,3-Dichlorobenzene	0.0011	U	0.0011	0.00039	mg/Kg	☼	10/11/25 10:44	10/11/25 19:13	1
1,4-Dichlorobenzene	0.0011	U	0.0011	0.00055	mg/Kg	☼	10/11/25 10:44	10/11/25 19:13	1
2-Butanone (MEK)	0.0053	U	0.0053	0.00039	mg/Kg	☼	10/11/25 10:44	10/11/25 19:13	1
2-Hexanone	0.0053	U	0.0053	0.0018	mg/Kg	☼	10/11/25 10:44	10/11/25 19:13	1
4-Methyl-2-pentanone (MIBK)	0.0053	U	0.0053	0.0017	mg/Kg	☼	10/11/25 10:44	10/11/25 19:13	1
Acetone	0.0064	U	0.0064	0.0061	mg/Kg	☼	10/11/25 10:44	10/11/25 19:13	1
Benzene	0.0011	U	0.0011	0.00060	mg/Kg	☼	10/11/25 10:44	10/11/25 19:13	1
Bromoform	0.0011	U	0.0011	0.00045	mg/Kg	☼	10/11/25 10:44	10/11/25 19:13	1
Bromomethane	0.0021	U	0.0021	0.0011	mg/Kg	☼	10/11/25 10:44	10/11/25 19:13	1

Client Sample ID: 3C2_2-3
Date Collected: 10/08/25 13:55
Date Received: 10/08/25 17:00

Lab Sample ID: 460-336761-78
Matrix: Solid
Percent Solids: 90.3

Method: SW846 8260D - Volatile Organic Compounds by GC/MS (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Carbon disulfide	0.0011	U	0.0011	0.00028	mg/Kg	☼	10/11/25 10:44	10/11/25 19:13	1
Carbon tetrachloride	0.0011	U	0.0011	0.00041	mg/Kg	☼	10/11/25 10:44	10/11/25 19:13	1
Chlorobenzene	0.0011	U	0.0011	0.00054	mg/Kg	☼	10/11/25 10:44	10/11/25 19:13	1
Chlorobromomethane	0.0011	U	0.0011	0.00063	mg/Kg	☼	10/11/25 10:44	10/11/25 19:13	1
Chlorodibromomethane	0.0011	U	0.0011	0.00057	mg/Kg	☼	10/11/25 10:44	10/11/25 19:13	1
Chloroethane	0.0011	U	0.0011	0.00056	mg/Kg	☼	10/11/25 10:44	10/11/25 19:13	1
Chloroform	0.0011	U	0.0011	0.0010	mg/Kg	☼	10/11/25 10:44	10/11/25 19:13	1
Chloromethane	0.0011	U	0.0011	0.00046	mg/Kg	☼	10/11/25 10:44	10/11/25 19:13	1
cis-1,2-Dichloroethene	0.0011	U	0.0011	0.00038	mg/Kg	☼	10/11/25 10:44	10/11/25 19:13	1
cis-1,3-Dichloropropene	0.0011	U	0.0011	0.00029	mg/Kg	☼	10/11/25 10:44	10/11/25 19:13	1
Cyclohexane	0.0011	U	0.0011	0.00024	mg/Kg	☼	10/11/25 10:44	10/11/25 19:13	1
Dichlorobromomethane	0.0011	U	0.0011	0.00027	mg/Kg	☼	10/11/25 10:44	10/11/25 19:13	1
Dichlorodifluoromethane	0.0011	U	0.0011	0.00036	mg/Kg	☼	10/11/25 10:44	10/11/25 19:13	1
Ethylbenzene	0.0011	U	0.0011	0.00050	mg/Kg	☼	10/11/25 10:44	10/11/25 19:13	1
Ethylene Dibromide	0.0011	U	0.0011	0.00054	mg/Kg	☼	10/11/25 10:44	10/11/25 19:13	1
Isopropylbenzene	0.0011	U	0.0011	0.00030	mg/Kg	☼	10/11/25 10:44	10/11/25 19:13	1
Methyl acetate	0.0053	U	0.0053	0.0046	mg/Kg	☼	10/11/25 10:44	10/11/25 19:13	1
Methyl tert-butyl ether	0.0011	U	0.0011	0.00054	mg/Kg	☼	10/11/25 10:44	10/11/25 19:13	1
Methylcyclohexane	0.0011	U	0.0011	0.00053	mg/Kg	☼	10/11/25 10:44	10/11/25 19:13	1
Methylene Chloride	0.0021	U	0.0021	0.0012	mg/Kg	☼	10/11/25 10:44	10/11/25 19:13	1
m-Xylene & p-Xylene	0.0011	U	0.0011	0.00045	mg/Kg	☼	10/11/25 10:44	10/11/25 19:13	1
n-Butylbenzene	0.0011	U	0.0011	0.00031	mg/Kg	☼	10/11/25 10:44	10/11/25 19:13	1
N-Propylbenzene	0.0011	U	0.0011	0.00048	mg/Kg	☼	10/11/25 10:44	10/11/25 19:13	1
o-Xylene	0.0011	U	0.0011	0.00049	mg/Kg	☼	10/11/25 10:44	10/11/25 19:13	1
sec-Butylbenzene	0.0011	U	0.0011	0.00031	mg/Kg	☼	10/11/25 10:44	10/11/25 19:13	1
Styrene	0.0011	U	0.0011	0.00030	mg/Kg	☼	10/11/25 10:44	10/11/25 19:13	1
tert-Butylbenzene	0.0011	U	0.0011	0.00029	mg/Kg	☼	10/11/25 10:44	10/11/25 19:13	1
Tetrachloroethene	0.0011	U	0.0011	0.00032	mg/Kg	☼	10/11/25 10:44	10/11/25 19:13	1
Toluene	**0.00051**	**J**	0.0011	0.00025	mg/Kg	☼	10/11/25 10:44	10/11/25 19:13	1
trans-1,2-Dichloroethene	0.0011	U	0.0011	0.00026	mg/Kg	☼	10/11/25 10:44	10/11/25 19:13	1
trans-1,3-Dichloropropene	0.0011	U	0.0011	0.00028	mg/Kg	☼	10/11/25 10:44	10/11/25 19:13	1
Trichloroethene	0.0011	U	0.0011	0.00034	mg/Kg	☼	10/11/25 10:44	10/11/25 19:13	1
Trichlorofluoromethane	0.0011	U	0.0011	0.00043	mg/Kg	☼	10/11/25 10:44	10/11/25 19:13	1
Vinyl chloride	0.0011	U	0.0011	0.00058	mg/Kg	☼	10/11/25 10:44	10/11/25 19:13	1
Xylenes, Total	0.0021	U	0.0021	0.00019	mg/Kg	☼	10/11/25 10:44	10/11/25 19:13	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,2-Dichloroethane-d4 (Surr)	*113*		*65 - 138*	*10/11/25 10:44*	*10/11/25 19:13*	*1*
4-Bromofluorobenzene	*101*		*71 - 128*	*10/11/25 10:44*	*10/11/25 19:13*	*1*
Dibromofluoromethane (Surr)	*120*		*50 - 150*	*10/11/25 10:44*	*10/11/25 19:13*	*1*
Toluene-d8 (Surr)	*92*		*71 - 126*	*10/11/25 10:44*	*10/11/25 19:13*	*1*

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Percent Moisture (EPA Moisture)	**9.7**		1.0	1.0	%			10/12/25 18:39	1
Percent Solids (EPA Moisture)	**90.3**		1.0	1.0	%			10/12/25 18:39	1

Client: Haley & Aldrich, Inc.
Project/Site: Former Port Mobil

Job ID: 460-336761-1

Client Sample ID: 3C3_4-5
Date Collected: 10/08/25 14:00
Date Received: 10/08/25 17:00

Lab Sample ID: 460-336761-79
Matrix: Solid
Percent Solids: 88.7

Method: SW846 8260D - Volatile Organic Compounds by GC/MS

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1-Trichloroethane	0.00096	U	0.00096	0.00022	mg/Kg	☼	10/11/25 10:45	10/11/25 19:36	1
1,1,2,2-Tetrachloroethane	0.00096	U	0.00096	0.00050	mg/Kg	☼	10/11/25 10:45	10/11/25 19:36	1
1,1,2-Trichloro-1,2,2-trifluoroethane	0.00096	U	0.00096	0.00029	mg/Kg	☼	10/11/25 10:45	10/11/25 19:36	1
1,1,2-Trichloroethane	0.00096	U	0.00096	0.00058	mg/Kg	☼	10/11/25 10:45	10/11/25 19:36	1
1,1-Dichloroethane	0.00096	U	0.00096	0.00057	mg/Kg	☼	10/11/25 10:45	10/11/25 19:36	1
1,1-Dichloroethene	0.00096	U	0.00096	0.00022	mg/Kg	☼	10/11/25 10:45	10/11/25 19:36	1
1,2,3-Trichlorobenzene	0.00096	U	0.00096	0.00071	mg/Kg	☼	10/11/25 10:45	10/11/25 19:36	1
1,2,4-Trichlorobenzene	0.00096	U	0.00096	0.00034	mg/Kg	☼	10/11/25 10:45	10/11/25 19:36	1
1,2,4-Trimethylbenzene	0.00096	U	0.00096	0.00024	mg/Kg	☼	10/11/25 10:45	10/11/25 19:36	1
1,2-Dibromo-3-Chloropropane	0.00096	U	0.00096	0.00044	mg/Kg	☼	10/11/25 10:45	10/11/25 19:36	1
1,2-Dichlorobenzene	0.00096	U	0.00096	0.00035	mg/Kg	☼	10/11/25 10:45	10/11/25 19:36	1
1,2-Dichloroethane	0.00096	U	0.00096	0.00028	mg/Kg	☼	10/11/25 10:45	10/11/25 19:36	1
1,2-Dichloropropane	0.00096	U	0.00096	0.00041	mg/Kg	☼	10/11/25 10:45	10/11/25 19:36	1
1,3,5-Trimethylbenzene	0.00096	U	0.00096	0.00030	mg/Kg	☼	10/11/25 10:45	10/11/25 19:36	1
1,3-Dichlorobenzene	0.00096	U	0.00096	0.00035	mg/Kg	☼	10/11/25 10:45	10/11/25 19:36	1
1,4-Dichlorobenzene	0.00096	U	0.00096	0.00050	mg/Kg	☼	10/11/25 10:45	10/11/25 19:36	1
2-Butanone (MEK)	0.0048	U	0.0048	0.00035	mg/Kg	☼	10/11/25 10:45	10/11/25 19:36	1
2-Hexanone	0.0048	U	0.0048	0.0016	mg/Kg	☼	10/11/25 10:45	10/11/25 19:36	1
4-Methyl-2-pentanone (MIBK)	0.0048	U	0.0048	0.0015	mg/Kg	☼	10/11/25 10:45	10/11/25 19:36	1
Acetone	0.0058	U	0.0058	0.0055	mg/Kg	☼	10/11/25 10:45	10/11/25 19:36	1
Benzene	0.00096	U	0.00096	0.00054	mg/Kg	☼	10/11/25 10:45	10/11/25 19:36	1
Bromoform	0.00096	U	0.00096	0.00041	mg/Kg	☼	10/11/25 10:45	10/11/25 19:36	1
Bromomethane	0.0019	U	0.0019	0.00096	mg/Kg	☼	10/11/25 10:45	10/11/25 19:36	1
Carbon disulfide	0.00096	U	0.00096	0.00026	mg/Kg	☼	10/11/25 10:45	10/11/25 19:36	1
Carbon tetrachloride	0.00096	U	0.00096	0.00037	mg/Kg	☼	10/11/25 10:45	10/11/25 19:36	1
Chlorobenzene	0.00096	U	0.00096	0.00049	mg/Kg	☼	10/11/25 10:45	10/11/25 19:36	1
Chlorobromomethane	0.00096	U	0.00096	0.00057	mg/Kg	☼	10/11/25 10:45	10/11/25 19:36	1
Chlorodibromomethane	0.00096	U	0.00096	0.00052	mg/Kg	☼	10/11/25 10:45	10/11/25 19:36	1
Chloroethane	0.00096	U	0.00096	0.00050	mg/Kg	☼	10/11/25 10:45	10/11/25 19:36	1
Chloroform	0.00096	U	0.00096	0.00093	mg/Kg	☼	10/11/25 10:45	10/11/25 19:36	1
Chloromethane	0.00096	U	0.00096	0.00042	mg/Kg	☼	10/11/25 10:45	10/11/25 19:36	1
cis-1,2-Dichloroethene	0.00096	U	0.00096	0.00034	mg/Kg	☼	10/11/25 10:45	10/11/25 19:36	1
cis-1,3-Dichloropropene	0.00096	U	0.00096	0.00026	mg/Kg	☼	10/11/25 10:45	10/11/25 19:36	1
Cyclohexane	0.00096	U	0.00096	0.00021	mg/Kg	☼	10/11/25 10:45	10/11/25 19:36	1
Dichlorobromomethane	0.00096	U	0.00096	0.00025	mg/Kg	☼	10/11/25 10:45	10/11/25 19:36	1
Dichlorodifluoromethane	0.00096	U	0.00096	0.00032	mg/Kg	☼	10/11/25 10:45	10/11/25 19:36	1
Ethylbenzene	0.00096	U	0.00096	0.00045	mg/Kg	☼	10/11/25 10:45	10/11/25 19:36	1
Ethylene Dibromide	0.00096	U	0.00096	0.00048	mg/Kg	☼	10/11/25 10:45	10/11/25 19:36	1
Isopropylbenzene	0.00096	U	0.00096	0.00027	mg/Kg	☼	10/11/25 10:45	10/11/25 19:36	1
Methyl acetate	0.0048	U	0.0048	0.0041	mg/Kg	☼	10/11/25 10:45	10/11/25 19:36	1
Methyl tert-butyl ether	0.00096	U	0.00096	0.00049	mg/Kg	☼	10/11/25 10:45	10/11/25 19:36	1
Methylcyclohexane	0.00096	U	0.00096	0.00048	mg/Kg	☼	10/11/25 10:45	10/11/25 19:36	1
Methylene Chloride	**0.0014**	**J**	0.0019	0.0011	mg/Kg	☼	10/11/25 10:45	10/11/25 19:36	1
m-Xylene & p-Xylene	0.00096	U	0.00096	0.00041	mg/Kg	☼	10/11/25 10:45	10/11/25 19:36	1
n-Butylbenzene	0.00096	U	0.00096	0.00028	mg/Kg	☼	10/11/25 10:45	10/11/25 19:36	1
N-Propylbenzene	0.00096	U	0.00096	0.00043	mg/Kg	☼	10/11/25 10:45	10/11/25 19:36	1
o-Xylene	0.00096	U	0.00096	0.00044	mg/Kg	☼	10/11/25 10:45	10/11/25 19:36	1
sec-Butylbenzene	0.00096	U	0.00096	0.00028	mg/Kg	☼	10/11/25 10:45	10/11/25 19:36	1
Styrene	0.00096	U	0.00096	0.00027	mg/Kg	☼	10/11/25 10:45	10/11/25 19:36	1

Client Sample ID: 3C3_4-5

Lab Sample ID: 460-336761-79

Date Collected: 10/08/25 14:00
Matrix: Solid
Date Received: 10/08/25 17:00
Percent Solids: 88.7

Method: SW846 8260D - Volatile Organic Compounds by GC/MS (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
tert-Butylbenzene	0.00096	U	0.00096	0.00026	mg/Kg	☼	10/11/25 10:45	10/11/25 19:36	1
Tetrachloroethene	0.00096	U	0.00096	0.00029	mg/Kg	☼	10/11/25 10:45	10/11/25 19:36	1
Toluene	0.00096	U	0.00096	0.00022	mg/Kg	☼	10/11/25 10:45	10/11/25 19:36	1
trans-1,2-Dichloroethene	0.00096	U	0.00096	0.00024	mg/Kg	☼	10/11/25 10:45	10/11/25 19:36	1
trans-1,3-Dichloropropene	0.00096	U	0.00096	0.00026	mg/Kg	☼	10/11/25 10:45	10/11/25 19:36	1
Trichloroethene	0.00096	U	0.00096	0.00031	mg/Kg	☼	10/11/25 10:45	10/11/25 19:36	1
Trichlorofluoromethane	0.00096	U	0.00096	0.00039	mg/Kg	☼	10/11/25 10:45	10/11/25 19:36	1
Vinyl chloride	0.00096	U	0.00096	0.00052	mg/Kg	☼	10/11/25 10:45	10/11/25 19:36	1
Xylenes, Total	0.0019	U	0.0019	0.00017	mg/Kg	☼	10/11/25 10:45	10/11/25 19:36	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,2-Dichloroethane-d4 (Surr)	*114*		*65 - 138*	*10/11/25 10:45*	*10/11/25 19:36*	*1*
4-Bromofluorobenzene	*102*		*71 - 128*	*10/11/25 10:45*	*10/11/25 19:36*	*1*
Dibromofluoromethane (Surr)	*126*		*50 - 150*	*10/11/25 10:45*	*10/11/25 19:36*	*1*
Toluene-d8 (Surr)	*92*		*71 - 126*	*10/11/25 10:45*	*10/11/25 19:36*	*1*

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Percent Moisture (EPA Moisture)	**11.3**		1.0	1.0	%			10/12/25 18:39	1
Percent Solids (EPA Moisture)	**88.7**		1.0	1.0	%			10/12/25 18:39	1

Client Sample ID: 3C1_5-6

Lab Sample ID: 460-336761-80

Date Collected: 10/08/25 14:05
Matrix: Solid
Date Received: 10/08/25 17:00
Percent Solids: 90.9

Method: SW846 8260D - Volatile Organic Compounds by GC/MS

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1-Trichloroethane	0.0011	U	0.0011	0.00025	mg/Kg	☼	10/11/25 10:45	10/11/25 19:59	1
1,1,2,2-Tetrachloroethane	0.0011	U	0.0011	0.00055	mg/Kg	☼	10/11/25 10:45	10/11/25 19:59	1
1,1,2-Trichloro-1,2,2-trifluoroethane	0.0011	U	0.0011	0.00032	mg/Kg	☼	10/11/25 10:45	10/11/25 19:59	1
1,1,2-Trichloroethane	0.0011	U	0.0011	0.00064	mg/Kg	☼	10/11/25 10:45	10/11/25 19:59	1
1,1-Dichloroethane	0.0011	U	0.0011	0.00063	mg/Kg	☼	10/11/25 10:45	10/11/25 19:59	1
1,1-Dichloroethene	0.0011	U	0.0011	0.00024	mg/Kg	☼	10/11/25 10:45	10/11/25 19:59	1
1,2,3-Trichlorobenzene	0.0011	U	0.0011	0.00078	mg/Kg	☼	10/11/25 10:45	10/11/25 19:59	1
1,2,4-Trichlorobenzene	0.0011	U	0.0011	0.00038	mg/Kg	☼	10/11/25 10:45	10/11/25 19:59	1
1,2,4-Trimethylbenzene	0.0011	U	0.0011	0.00026	mg/Kg	☼	10/11/25 10:45	10/11/25 19:59	1
1,2-Dibromo-3-Chloropropane	0.0011	U	0.0011	0.00049	mg/Kg	☼	10/11/25 10:45	10/11/25 19:59	1
1,2-Dichlorobenzene	0.0011	U	0.0011	0.00038	mg/Kg	☼	10/11/25 10:45	10/11/25 19:59	1
1,2-Dichloroethane	0.0011	U	0.0011	0.00031	mg/Kg	☼	10/11/25 10:45	10/11/25 19:59	1
1,2-Dichloropropane	0.0011	U	0.0011	0.00045	mg/Kg	☼	10/11/25 10:45	10/11/25 19:59	1
1,3,5-Trimethylbenzene	0.0011	U	0.0011	0.00033	mg/Kg	☼	10/11/25 10:45	10/11/25 19:59	1
1,3-Dichlorobenzene	0.0011	U	0.0011	0.00039	mg/Kg	☼	10/11/25 10:45	10/11/25 19:59	1
1,4-Dichlorobenzene	0.0011	U	0.0011	0.00055	mg/Kg	☼	10/11/25 10:45	10/11/25 19:59	1
2-Butanone (MEK)	0.0053	U	0.0053	0.00039	mg/Kg	☼	10/11/25 10:45	10/11/25 19:59	1
2-Hexanone	0.0053	U	0.0053	0.0018	mg/Kg	☼	10/11/25 10:45	10/11/25 19:59	1
4-Methyl-2-pentanone (MIBK)	0.0053	U	0.0053	0.0016	mg/Kg	☼	10/11/25 10:45	10/11/25 19:59	1
Acetone	0.0064	U	0.0064	0.0061	mg/Kg	☼	10/11/25 10:45	10/11/25 19:59	1
Benzene	0.0011	U	0.0011	0.00060	mg/Kg	☼	10/11/25 10:45	10/11/25 19:59	1
Bromoform	0.0011	U	0.0011	0.00045	mg/Kg	☼	10/11/25 10:45	10/11/25 19:59	1
Bromomethane	0.0021	U	0.0021	0.0011	mg/Kg	☼	10/11/25 10:45	10/11/25 19:59	1

Client Sample ID: 3C1_5-6
Date Collected: 10/08/25 14:05
Date Received: 10/08/25 17:00

Lab Sample ID: 460-336761-80
Matrix: Solid
Percent Solids: 90.9

Method: SW846 8260D - Volatile Organic Compounds by GC/MS (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Carbon disulfide	0.0011	U	0.0011	0.00028	mg/Kg	☼	10/11/25 10:45	10/11/25 19:59	1
Carbon tetrachloride	0.0011	U	0.0011	0.00041	mg/Kg	☼	10/11/25 10:45	10/11/25 19:59	1
Chlorobenzene	0.0011	U	0.0011	0.00054	mg/Kg	☼	10/11/25 10:45	10/11/25 19:59	1
Chlorobromomethane	0.0011	U	0.0011	0.00063	mg/Kg	☼	10/11/25 10:45	10/11/25 19:59	1
Chlorodibromomethane	0.0011	U	0.0011	0.00057	mg/Kg	☼	10/11/25 10:45	10/11/25 19:59	1
Chloroethane	0.0011	U	0.0011	0.00055	mg/Kg	☼	10/11/25 10:45	10/11/25 19:59	1
Chloroform	0.0011	U	0.0011	0.0010	mg/Kg	☼	10/11/25 10:45	10/11/25 19:59	1
Chloromethane	0.0011	U	0.0011	0.00046	mg/Kg	☼	10/11/25 10:45	10/11/25 19:59	1
cis-1,2-Dichloroethene	0.0011	U	0.0011	0.00038	mg/Kg	☼	10/11/25 10:45	10/11/25 19:59	1
cis-1,3-Dichloropropene	0.0011	U	0.0011	0.00029	mg/Kg	☼	10/11/25 10:45	10/11/25 19:59	1
Cyclohexane	0.0011	U	0.0011	0.00023	mg/Kg	☼	10/11/25 10:45	10/11/25 19:59	1
Dichlorobromomethane	0.0011	U	0.0011	0.00027	mg/Kg	☼	10/11/25 10:45	10/11/25 19:59	1
Dichlorodifluoromethane	0.0011	U	0.0011	0.00036	mg/Kg	☼	10/11/25 10:45	10/11/25 19:59	1
Ethylbenzene	0.0011	U	0.0011	0.00050	mg/Kg	☼	10/11/25 10:45	10/11/25 19:59	1
Ethylene Dibromide	0.0011	U	0.0011	0.00053	mg/Kg	☼	10/11/25 10:45	10/11/25 19:59	1
Isopropylbenzene	0.0011	U	0.0011	0.00030	mg/Kg	☼	10/11/25 10:45	10/11/25 19:59	1
Methyl acetate	0.0053	U	0.0053	0.0046	mg/Kg	☼	10/11/25 10:45	10/11/25 19:59	1
Methyl tert-butyl ether	0.0011	U	0.0011	0.00054	mg/Kg	☼	10/11/25 10:45	10/11/25 19:59	1
Methylcyclohexane	0.0011	U	0.0011	0.00053	mg/Kg	☼	10/11/25 10:45	10/11/25 19:59	1
Methylene Chloride	0.0021	U	0.0021	0.0012	mg/Kg	☼	10/11/25 10:45	10/11/25 19:59	1
m-Xylene & p-Xylene	0.0011	U	0.0011	0.00045	mg/Kg	☼	10/11/25 10:45	10/11/25 19:59	1
n-Butylbenzene	0.0011	U	0.0011	0.00031	mg/Kg	☼	10/11/25 10:45	10/11/25 19:59	1
N-Propylbenzene	0.0011	U	0.0011	0.00048	mg/Kg	☼	10/11/25 10:45	10/11/25 19:59	1
o-Xylene	0.0011	U	0.0011	0.00049	mg/Kg	☼	10/11/25 10:45	10/11/25 19:59	1
sec-Butylbenzene	0.0011	U	0.0011	0.00031	mg/Kg	☼	10/11/25 10:45	10/11/25 19:59	1
Styrene	0.0011	U	0.0011	0.00029	mg/Kg	☼	10/11/25 10:45	10/11/25 19:59	1
tert-Butylbenzene	0.0011	U	0.0011	0.00029	mg/Kg	☼	10/11/25 10:45	10/11/25 19:59	1
Tetrachloroethene	0.0011	U	0.0011	0.00032	mg/Kg	☼	10/11/25 10:45	10/11/25 19:59	1
Toluene	0.0011	U	0.0011	0.00025	mg/Kg	☼	10/11/25 10:45	10/11/25 19:59	1
trans-1,2-Dichloroethene	0.0011	U	0.0011	0.00026	mg/Kg	☼	10/11/25 10:45	10/11/25 19:59	1
trans-1,3-Dichloropropene	0.0011	U	0.0011	0.00028	mg/Kg	☼	10/11/25 10:45	10/11/25 19:59	1
Trichloroethene	0.0011	U	0.0011	0.00034	mg/Kg	☼	10/11/25 10:45	10/11/25 19:59	1
Trichlorofluoromethane	0.0011	U	0.0011	0.00043	mg/Kg	☼	10/11/25 10:45	10/11/25 19:59	1
Vinyl chloride	0.0011	U	0.0011	0.00058	mg/Kg	☼	10/11/25 10:45	10/11/25 19:59	1
Xylenes, Total	0.0021	U	0.0021	0.00018	mg/Kg	☼	10/11/25 10:45	10/11/25 19:59	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,2-Dichloroethane-d4 (Surr)	*115*		*65 - 138*	*10/11/25 10:45*	*10/11/25 19:59*	*1*
4-Bromofluorobenzene	*102*		*71 - 128*	*10/11/25 10:45*	*10/11/25 19:59*	*1*
Dibromofluoromethane (Surr)	*122*		*50 - 150*	*10/11/25 10:45*	*10/11/25 19:59*	*1*
Toluene-d8 (Surr)	*92*		*71 - 126*	*10/11/25 10:45*	*10/11/25 19:59*	*1*

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Percent Moisture (EPA Moisture)	**9.1**		1.0	1.0	%			10/12/25 18:39	1
Percent Solids (EPA Moisture)	**90.9**		1.0	1.0	%			10/12/25 18:39	1

Client: Haley & Aldrich, Inc.
Project/Site: Former Port Mobil

Job ID: 460-336761-1

Client Sample ID: 3C2_7-8
Date Collected: 10/08/25 14:10
Date Received: 10/08/25 17:00

Lab Sample ID: 460-336761-81
Matrix: Solid
Percent Solids: 92.4

Method: SW846 8260D - Volatile Organic Compounds by GC/MS

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1-Trichloroethane	0.0011	U	0.0011	0.00025	mg/Kg	☼	10/11/25 10:45	10/11/25 20:22	1
1,1,2,2-Tetrachloroethane	0.0011	U	0.0011	0.00057	mg/Kg	☼	10/11/25 10:45	10/11/25 20:22	1
1,1,2-Trichloro-1,2,2-trifluoroethane	0.0011	U	0.0011	0.00033	mg/Kg	☼	10/11/25 10:45	10/11/25 20:22	1
1,1,2-Trichloroethane	0.0011	U	0.0011	0.00065	mg/Kg	☼	10/11/25 10:45	10/11/25 20:22	1
1,1-Dichloroethane	0.0011	U	0.0011	0.00065	mg/Kg	☼	10/11/25 10:45	10/11/25 20:22	1
1,1-Dichloroethene	0.0011	U	0.0011	0.00024	mg/Kg	☼	10/11/25 10:45	10/11/25 20:22	1
1,2,3-Trichlorobenzene	0.0011	U	0.0011	0.00080	mg/Kg	☼	10/11/25 10:45	10/11/25 20:22	1
1,2,4-Trichlorobenzene	0.0011	U	0.0011	0.00039	mg/Kg	☼	10/11/25 10:45	10/11/25 20:22	1
1,2,4-Trimethylbenzene	0.0011	U	0.0011	0.00027	mg/Kg	☼	10/11/25 10:45	10/11/25 20:22	1
1,2-Dibromo-3-Chloropropane	0.0011	U	0.0011	0.00050	mg/Kg	☼	10/11/25 10:45	10/11/25 20:22	1
1,2-Dichlorobenzene	0.0011	U	0.0011	0.00039	mg/Kg	☼	10/11/25 10:45	10/11/25 20:22	1
1,2-Dichloroethane	0.0011	U	0.0011	0.00032	mg/Kg	☼	10/11/25 10:45	10/11/25 20:22	1
1,2-Dichloropropane	0.0011	U	0.0011	0.00046	mg/Kg	☼	10/11/25 10:45	10/11/25 20:22	1
1,3,5-Trimethylbenzene	0.0011	U	0.0011	0.00034	mg/Kg	☼	10/11/25 10:45	10/11/25 20:22	1
1,3-Dichlorobenzene	0.0011	U	0.0011	0.00040	mg/Kg	☼	10/11/25 10:45	10/11/25 20:22	1
1,4-Dichlorobenzene	0.0011	U	0.0011	0.00056	mg/Kg	☼	10/11/25 10:45	10/11/25 20:22	1
2-Butanone (MEK)	0.0054	U	0.0054	0.00040	mg/Kg	☼	10/11/25 10:45	10/11/25 20:22	1
2-Hexanone	0.0054	U	0.0054	0.0019	mg/Kg	☼	10/11/25 10:45	10/11/25 20:22	1
4-Methyl-2-pentanone (MIBK)	0.0054	U	0.0054	0.0017	mg/Kg	☼	10/11/25 10:45	10/11/25 20:22	1
Acetone	0.0065	U	0.0065	0.0062	mg/Kg	☼	10/11/25 10:45	10/11/25 20:22	1
Benzene	0.0011	U	0.0011	0.00062	mg/Kg	☼	10/11/25 10:45	10/11/25 20:22	1
Bromoform	0.0011	U	0.0011	0.00046	mg/Kg	☼	10/11/25 10:45	10/11/25 20:22	1
Bromomethane	0.0022	U	0.0022	0.0011	mg/Kg	☼	10/11/25 10:45	10/11/25 20:22	1
Carbon disulfide	0.0011	U	0.0011	0.00029	mg/Kg	☼	10/11/25 10:45	10/11/25 20:22	1
Carbon tetrachloride	0.0011	U	0.0011	0.00042	mg/Kg	☼	10/11/25 10:45	10/11/25 20:22	1
Chlorobenzene	0.0011	U	0.0011	0.00055	mg/Kg	☼	10/11/25 10:45	10/11/25 20:22	1
Chlorobromomethane	0.0011	U	0.0011	0.00065	mg/Kg	☼	10/11/25 10:45	10/11/25 20:22	1
Chlorodibromomethane	0.0011	U	0.0011	0.00058	mg/Kg	☼	10/11/25 10:45	10/11/25 20:22	1
Chloroethane	0.0011	U	0.0011	0.00057	mg/Kg	☼	10/11/25 10:45	10/11/25 20:22	1
Chloroform	0.0011	U	0.0011	0.0011	mg/Kg	☼	10/11/25 10:45	10/11/25 20:22	1
Chloromethane	0.0011	U	0.0011	0.00047	mg/Kg	☼	10/11/25 10:45	10/11/25 20:22	1
cis-1,2-Dichloroethene	0.0011	U	0.0011	0.00039	mg/Kg	☼	10/11/25 10:45	10/11/25 20:22	1
cis-1,3-Dichloropropene	0.0011	U	0.0011	0.00030	mg/Kg	☼	10/11/25 10:45	10/11/25 20:22	1
Cyclohexane	0.0011	U	0.0011	0.00024	mg/Kg	☼	10/11/25 10:45	10/11/25 20:22	1
Dichlorobromomethane	0.0011	U	0.0011	0.00028	mg/Kg	☼	10/11/25 10:45	10/11/25 20:22	1
Dichlorodifluoromethane	0.0011	U	0.0011	0.00037	mg/Kg	☼	10/11/25 10:45	10/11/25 20:22	1
Ethylbenzene	0.0011	U	0.0011	0.00051	mg/Kg	☼	10/11/25 10:45	10/11/25 20:22	1
Ethylene Dibromide	0.0011	U	0.0011	0.00055	mg/Kg	☼	10/11/25 10:45	10/11/25 20:22	1
Isopropylbenzene	0.0011	U	0.0011	0.00031	mg/Kg	☼	10/11/25 10:45	10/11/25 20:22	1
Methyl acetate	0.0054	U	0.0054	0.0047	mg/Kg	☼	10/11/25 10:45	10/11/25 20:22	1
Methyl tert-butyl ether	0.0011	U	0.0011	0.00056	mg/Kg	☼	10/11/25 10:45	10/11/25 20:22	1
Methylcyclohexane	0.0011	U	0.0011	0.00054	mg/Kg	☼	10/11/25 10:45	10/11/25 20:22	1
Methylene Chloride	**0.0013**	**J**	0.0022	0.0012	mg/Kg	☼	10/11/25 10:45	10/11/25 20:22	1
m-Xylene & p-Xylene	0.0011	U	0.0011	0.00046	mg/Kg	☼	10/11/25 10:45	10/11/25 20:22	1
n-Butylbenzene	0.0011	U	0.0011	0.00032	mg/Kg	☼	10/11/25 10:45	10/11/25 20:22	1
N-Propylbenzene	0.0011	U	0.0011	0.00049	mg/Kg	☼	10/11/25 10:45	10/11/25 20:22	1
o-Xylene	0.0011	U	0.0011	0.00050	mg/Kg	☼	10/11/25 10:45	10/11/25 20:22	1
sec-Butylbenzene	0.0011	U	0.0011	0.00031	mg/Kg	☼	10/11/25 10:45	10/11/25 20:22	1
Styrene	0.0011	U	0.0011	0.00030	mg/Kg	☼	10/11/25 10:45	10/11/25 20:22	1

Client Sample ID: 3C2_7-8

Lab Sample ID: 460-336761-81

Date Collected: 10/08/25 14:10
Matrix: Solid
Date Received: 10/08/25 17:00
Percent Solids: 92.4

Method: SW846 8260D - Volatile Organic Compounds by GC/MS (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
tert-Butylbenzene	0.0011	U	0.0011	0.00030	mg/Kg	☼	10/11/25 10:45	10/11/25 20:22	1
Tetrachloroethene	0.0011	U	0.0011	0.00033	mg/Kg	☼	10/11/25 10:45	10/11/25 20:22	1
Toluene	0.0011	U	0.0011	0.00025	mg/Kg	☼	10/11/25 10:45	10/11/25 20:22	1
trans-1,2-Dichloroethene	0.0011	U	0.0011	0.00027	mg/Kg	☼	10/11/25 10:45	10/11/25 20:22	1
trans-1,3-Dichloropropene	0.0011	U	0.0011	0.00029	mg/Kg	☼	10/11/25 10:45	10/11/25 20:22	1
Trichloroethene	0.0011	U	0.0011	0.00035	mg/Kg	☼	10/11/25 10:45	10/11/25 20:22	1
Trichlorofluoromethane	0.0011	U	0.0011	0.00044	mg/Kg	☼	10/11/25 10:45	10/11/25 20:22	1
Vinyl chloride	0.0011	U	0.0011	0.00059	mg/Kg	☼	10/11/25 10:45	10/11/25 20:22	1
Xylenes, Total	0.0022	U	0.0022	0.00019	mg/Kg	☼	10/11/25 10:45	10/11/25 20:22	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,2-Dichloroethane-d4 (Surr)	*109*		*65 - 138*	*10/11/25 10:45*	*10/11/25 20:22*	*1*
4-Bromofluorobenzene	*102*		*71 - 128*	*10/11/25 10:45*	*10/11/25 20:22*	*1*
Dibromofluoromethane (Surr)	*121*		*50 - 150*	*10/11/25 10:45*	*10/11/25 20:22*	*1*
Toluene-d8 (Surr)	*93*		*71 - 126*	*10/11/25 10:45*	*10/11/25 20:22*	*1*

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Percent Moisture (EPA Moisture)	**7.6**		1.0	1.0	%			10/12/25 18:39	1
Percent Solids (EPA Moisture)	**92.4**		1.0	1.0	%			10/12/25 18:39	1

Client Sample ID: 3C3_9-10

Lab Sample ID: 460-336761-82

Date Collected: 10/08/25 14:15
Matrix: Solid
Date Received: 10/08/25 17:00
Percent Solids: 87.4

Method: SW846 8260D - Volatile Organic Compounds by GC/MS

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1-Trichloroethane	0.0010	U	0.0010	0.00023	mg/Kg	☼	10/11/25 10:46	10/11/25 20:45	1
1,1,2,2-Tetrachloroethane	0.0010	U	0.0010	0.00052	mg/Kg	☼	10/11/25 10:46	10/11/25 20:45	1
1,1,2-Trichloro-1,2,2-trifluoroethane	0.0010	U	0.0010	0.00030	mg/Kg	☼	10/11/25 10:46	10/11/25 20:45	1
1,1,2-Trichloroethane	0.0010	U	0.0010	0.00060	mg/Kg	☼	10/11/25 10:46	10/11/25 20:45	1
1,1-Dichloroethane	0.0010	U	0.0010	0.00060	mg/Kg	☼	10/11/25 10:46	10/11/25 20:45	1
1,1-Dichloroethene	0.0010	U	0.0010	0.00023	mg/Kg	☼	10/11/25 10:46	10/11/25 20:45	1
1,2,3-Trichlorobenzene	0.0010	U	0.0010	0.00074	mg/Kg	☼	10/11/25 10:46	10/11/25 20:45	1
1,2,4-Trichlorobenzene	0.0010	U	0.0010	0.00036	mg/Kg	☼	10/11/25 10:46	10/11/25 20:45	1
1,2,4-Trimethylbenzene	0.0010	U	0.0010	0.00025	mg/Kg	☼	10/11/25 10:46	10/11/25 20:45	1
1,2-Dibromo-3-Chloropropane	0.0010	U	0.0010	0.00046	mg/Kg	☼	10/11/25 10:46	10/11/25 20:45	1
1,2-Dichlorobenzene	0.0010	U	0.0010	0.00036	mg/Kg	☼	10/11/25 10:46	10/11/25 20:45	1
1,2-Dichloroethane	0.0010	U	0.0010	0.00030	mg/Kg	☼	10/11/25 10:46	10/11/25 20:45	1
1,2-Dichloropropane	0.0010	U	0.0010	0.00042	mg/Kg	☼	10/11/25 10:46	10/11/25 20:45	1
1,3,5-Trimethylbenzene	0.0010	U	0.0010	0.00031	mg/Kg	☼	10/11/25 10:46	10/11/25 20:45	1
1,3-Dichlorobenzene	0.0010	U	0.0010	0.00037	mg/Kg	☼	10/11/25 10:46	10/11/25 20:45	1
1,4-Dichlorobenzene	0.0010	U	0.0010	0.00052	mg/Kg	☼	10/11/25 10:46	10/11/25 20:45	1
2-Butanone (MEK)	0.0050	U	0.0050	0.00037	mg/Kg	☼	10/11/25 10:46	10/11/25 20:45	1
2-Hexanone	0.0050	U	0.0050	0.0017	mg/Kg	☼	10/11/25 10:46	10/11/25 20:45	1
4-Methyl-2-pentanone (MIBK)	0.0050	U	0.0050	0.0016	mg/Kg	☼	10/11/25 10:46	10/11/25 20:45	1
Acetone	0.0060	U	0.0060	0.0057	mg/Kg	☼	10/11/25 10:46	10/11/25 20:45	1
Benzene	0.0010	U	0.0010	0.00057	mg/Kg	☼	10/11/25 10:46	10/11/25 20:45	1
Bromoform	0.0010	U	0.0010	0.00043	mg/Kg	☼	10/11/25 10:46	10/11/25 20:45	1
Bromomethane	0.0020	U	0.0020	0.0010	mg/Kg	☼	10/11/25 10:46	10/11/25 20:45	1

Client Sample ID: 3C3_9-10
Date Collected: 10/08/25 14:15
Date Received: 10/08/25 17:00

Lab Sample ID: 460-336761-82
Matrix: Solid
Percent Solids: 87.4

Method: SW846 8260D - Volatile Organic Compounds by GC/MS (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Carbon disulfide	0.0010	U	0.0010	0.00027	mg/Kg	☼	10/11/25 10:46	10/11/25 20:45	1
Carbon tetrachloride	0.0010	U	0.0010	0.00039	mg/Kg	☼	10/11/25 10:46	10/11/25 20:45	1
Chlorobenzene	0.0010	U	0.0010	0.00051	mg/Kg	☼	10/11/25 10:46	10/11/25 20:45	1
Chlorobromomethane	0.0010	U	0.0010	0.00060	mg/Kg	☼	10/11/25 10:46	10/11/25 20:45	1
Chlorodibromomethane	0.0010	U	0.0010	0.00054	mg/Kg	☼	10/11/25 10:46	10/11/25 20:45	1
Chloroethane	0.0010	U	0.0010	0.00052	mg/Kg	☼	10/11/25 10:46	10/11/25 20:45	1
Chloroform	0.0010	U	0.0010	0.00097	mg/Kg	☼	10/11/25 10:46	10/11/25 20:45	1
Chloromethane	0.0010	U	0.0010	0.00044	mg/Kg	☼	10/11/25 10:46	10/11/25 20:45	1
cis-1,2-Dichloroethene	0.0010	U	0.0010	0.00036	mg/Kg	☼	10/11/25 10:46	10/11/25 20:45	1
cis-1,3-Dichloropropene	0.0010	U	0.0010	0.00027	mg/Kg	☼	10/11/25 10:46	10/11/25 20:45	1
Cyclohexane	0.0010	U	0.0010	0.00022	mg/Kg	☼	10/11/25 10:46	10/11/25 20:45	1
Dichlorobromomethane	0.0010	U	0.0010	0.00026	mg/Kg	☼	10/11/25 10:46	10/11/25 20:45	1
Dichlorodifluoromethane	0.0010	U	0.0010	0.00034	mg/Kg	☼	10/11/25 10:46	10/11/25 20:45	1
Ethylbenzene	0.0010	U	0.0010	0.00047	mg/Kg	☼	10/11/25 10:46	10/11/25 20:45	1
Ethylene Dibromide	0.0010	U	0.0010	0.00050	mg/Kg	☼	10/11/25 10:46	10/11/25 20:45	1
Isopropylbenzene	0.0010	U	0.0010	0.00029	mg/Kg	☼	10/11/25 10:46	10/11/25 20:45	1
Methyl acetate	0.0050	U	0.0050	0.0043	mg/Kg	☼	10/11/25 10:46	10/11/25 20:45	1
Methyl tert-butyl ether	0.0010	U	0.0010	0.00051	mg/Kg	☼	10/11/25 10:46	10/11/25 20:45	1
Methylcyclohexane	0.0010	U	0.0010	0.00050	mg/Kg	☼	10/11/25 10:46	10/11/25 20:45	1
Methylene Chloride	0.0020	U	0.0020	0.0011	mg/Kg	☼	10/11/25 10:46	10/11/25 20:45	1
m-Xylene & p-Xylene	0.0010	U	0.0010	0.00042	mg/Kg	☼	10/11/25 10:46	10/11/25 20:45	1
n-Butylbenzene	0.0010	U	0.0010	0.00029	mg/Kg	☼	10/11/25 10:46	10/11/25 20:45	1
N-Propylbenzene	0.0010	U	0.0010	0.00045	mg/Kg	☼	10/11/25 10:46	10/11/25 20:45	1
o-Xylene	0.0010	U	0.0010	0.00046	mg/Kg	☼	10/11/25 10:46	10/11/25 20:45	1
sec-Butylbenzene	0.0010	U	0.0010	0.00029	mg/Kg	☼	10/11/25 10:46	10/11/25 20:45	1
Styrene	0.0010	U	0.0010	0.00028	mg/Kg	☼	10/11/25 10:46	10/11/25 20:45	1
tert-Butylbenzene	0.0010	U	0.0010	0.00028	mg/Kg	☼	10/11/25 10:46	10/11/25 20:45	1
Tetrachloroethene	0.0010	U	0.0010	0.00031	mg/Kg	☼	10/11/25 10:46	10/11/25 20:45	1
Toluene	0.0010	U	0.0010	0.00023	mg/Kg	☼	10/11/25 10:46	10/11/25 20:45	1
trans-1,2-Dichloroethene	0.0010	U	0.0010	0.00025	mg/Kg	☼	10/11/25 10:46	10/11/25 20:45	1
trans-1,3-Dichloropropene	0.0010	U	0.0010	0.00027	mg/Kg	☼	10/11/25 10:46	10/11/25 20:45	1
Trichloroethene	0.0010	U	0.0010	0.00032	mg/Kg	☼	10/11/25 10:46	10/11/25 20:45	1
Trichlorofluoromethane	0.0010	U	0.0010	0.00041	mg/Kg	☼	10/11/25 10:46	10/11/25 20:45	1
Vinyl chloride	0.0010	U	0.0010	0.00055	mg/Kg	☼	10/11/25 10:46	10/11/25 20:45	1
Xylenes, Total	0.0020	U	0.0020	0.00017	mg/Kg	☼	10/11/25 10:46	10/11/25 20:45	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,2-Dichloroethane-d4 (Surr)	*111*		*65 - 138*	*10/11/25 10:46*	*10/11/25 20:45*	*1*
4-Bromofluorobenzene	*102*		*71 - 128*	*10/11/25 10:46*	*10/11/25 20:45*	*1*
Dibromofluoromethane (Surr)	*121*		*50 - 150*	*10/11/25 10:46*	*10/11/25 20:45*	*1*
Toluene-d8 (Surr)	*92*		*71 - 126*	*10/11/25 10:46*	*10/11/25 20:45*	*1*

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Percent Moisture (EPA Moisture)	**12.6**		1.0	1.0	%			10/12/25 18:39	1
Percent Solids (EPA Moisture)	**87.4**		1.0	1.0	%			10/12/25 18:39	1

Client Sample ID: 3C1_10-11
Date Collected: 10/08/25 14:20
Date Received: 10/08/25 17:00

Lab Sample ID: 460-336761-83
Matrix: Solid
Percent Solids: 88.1

Method: SW846 8260D - Volatile Organic Compounds by GC/MS

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1-Trichloroethane	0.0010	U	0.0010	0.00023	mg/Kg	☼	10/11/25 10:46	10/11/25 21:08	1
1,1,2,2-Tetrachloroethane	0.0010	U	0.0010	0.00052	mg/Kg	☼	10/11/25 10:46	10/11/25 21:08	1
1,1,2-Trichloro-1,2,2-trifluoroethane	0.0010	U	0.0010	0.00030	mg/Kg	☼	10/11/25 10:46	10/11/25 21:08	1
1,1,2-Trichloroethane	0.0010	U	0.0010	0.00060	mg/Kg	☼	10/11/25 10:46	10/11/25 21:08	1
1,1-Dichloroethane	0.0010	U	0.0010	0.00060	mg/Kg	☼	10/11/25 10:46	10/11/25 21:08	1
1,1-Dichloroethene	0.0010	U	0.0010	0.00023	mg/Kg	☼	10/11/25 10:46	10/11/25 21:08	1
1,2,3-Trichlorobenzene	0.0010	U	0.0010	0.00074	mg/Kg	☼	10/11/25 10:46	10/11/25 21:08	1
1,2,4-Trichlorobenzene	0.0010	U	0.0010	0.00036	mg/Kg	☼	10/11/25 10:46	10/11/25 21:08	1
1,2,4-Trimethylbenzene	0.0010	U	0.0010	0.00025	mg/Kg	☼	10/11/25 10:46	10/11/25 21:08	1
1,2-Dibromo-3-Chloropropane	0.0010	U	0.0010	0.00046	mg/Kg	☼	10/11/25 10:46	10/11/25 21:08	1
1,2-Dichlorobenzene	0.0010	U	0.0010	0.00036	mg/Kg	☼	10/11/25 10:46	10/11/25 21:08	1
1,2-Dichloroethane	0.0010	U	0.0010	0.00030	mg/Kg	☼	10/11/25 10:46	10/11/25 21:08	1
1,2-Dichloropropane	0.0010	U	0.0010	0.00042	mg/Kg	☼	10/11/25 10:46	10/11/25 21:08	1
1,3,5-Trimethylbenzene	0.0010	U	0.0010	0.00032	mg/Kg	☼	10/11/25 10:46	10/11/25 21:08	1
1,3-Dichlorobenzene	0.0010	U	0.0010	0.00037	mg/Kg	☼	10/11/25 10:46	10/11/25 21:08	1
1,4-Dichlorobenzene	0.0010	U	0.0010	0.00052	mg/Kg	☼	10/11/25 10:46	10/11/25 21:08	1
2-Butanone (MEK)	0.0050	U	0.0050	0.00037	mg/Kg	☼	10/11/25 10:46	10/11/25 21:08	1
2-Hexanone	0.0050	U	0.0050	0.0017	mg/Kg	☼	10/11/25 10:46	10/11/25 21:08	1
4-Methyl-2-pentanone (MIBK)	0.0050	U	0.0050	0.0016	mg/Kg	☼	10/11/25 10:46	10/11/25 21:08	1
Acetone	0.0060	U	0.0060	0.0057	mg/Kg	☼	10/11/25 10:46	10/11/25 21:08	1
Benzene	0.0010	U	0.0010	0.00057	mg/Kg	☼	10/11/25 10:46	10/11/25 21:08	1
Bromoform	0.0010	U	0.0010	0.00043	mg/Kg	☼	10/11/25 10:46	10/11/25 21:08	1
Bromomethane	0.0020	U	0.0020	0.0010	mg/Kg	☼	10/11/25 10:46	10/11/25 21:08	1
Carbon disulfide	0.0010	U	0.0010	0.00027	mg/Kg	☼	10/11/25 10:46	10/11/25 21:08	1
Carbon tetrachloride	0.0010	U	0.0010	0.00039	mg/Kg	☼	10/11/25 10:46	10/11/25 21:08	1
Chlorobenzene	0.0010	U	0.0010	0.00051	mg/Kg	☼	10/11/25 10:46	10/11/25 21:08	1
Chlorobromomethane	0.0010	U	0.0010	0.00060	mg/Kg	☼	10/11/25 10:46	10/11/25 21:08	1
Chlorodibromomethane	0.0010	U	0.0010	0.00054	mg/Kg	☼	10/11/25 10:46	10/11/25 21:08	1
Chloroethane	0.0010	U	0.0010	0.00052	mg/Kg	☼	10/11/25 10:46	10/11/25 21:08	1
Chloroform	0.0010	U	0.0010	0.00097	mg/Kg	☼	10/11/25 10:46	10/11/25 21:08	1
Chloromethane	0.0010	U	0.0010	0.00044	mg/Kg	☼	10/11/25 10:46	10/11/25 21:08	1
cis-1,2-Dichloroethene	0.0010	U	0.0010	0.00036	mg/Kg	☼	10/11/25 10:46	10/11/25 21:08	1
cis-1,3-Dichloropropene	0.0010	U	0.0010	0.00027	mg/Kg	☼	10/11/25 10:46	10/11/25 21:08	1
Cyclohexane	0.0010	U	0.0010	0.00022	mg/Kg	☼	10/11/25 10:46	10/11/25 21:08	1
Dichlorobromomethane	0.0010	U	0.0010	0.00026	mg/Kg	☼	10/11/25 10:46	10/11/25 21:08	1
Dichlorodifluoromethane	0.0010	U	0.0010	0.00034	mg/Kg	☼	10/11/25 10:46	10/11/25 21:08	1
Ethylbenzene	0.0010	U	0.0010	0.00047	mg/Kg	☼	10/11/25 10:46	10/11/25 21:08	1
Ethylene Dibromide	0.0010	U	0.0010	0.00051	mg/Kg	☼	10/11/25 10:46	10/11/25 21:08	1
Isopropylbenzene	0.0010	U	0.0010	0.00029	mg/Kg	☼	10/11/25 10:46	10/11/25 21:08	1
Methyl acetate	0.0050	U	0.0050	0.0043	mg/Kg	☼	10/11/25 10:46	10/11/25 21:08	1
Methyl tert-butyl ether	0.0010	U	0.0010	0.00051	mg/Kg	☼	10/11/25 10:46	10/11/25 21:08	1
Methylcyclohexane	0.0010	U	0.0010	0.00050	mg/Kg	☼	10/11/25 10:46	10/11/25 21:08	1
Methylene Chloride	0.0020	U	0.0020	0.0011	mg/Kg	☼	10/11/25 10:46	10/11/25 21:08	1
m-Xylene & p-Xylene	0.0010	U	0.0010	0.00042	mg/Kg	☼	10/11/25 10:46	10/11/25 21:08	1
n-Butylbenzene	0.0010	U	0.0010	0.00029	mg/Kg	☼	10/11/25 10:46	10/11/25 21:08	1
N-Propylbenzene	0.0010	U	0.0010	0.00045	mg/Kg	☼	10/11/25 10:46	10/11/25 21:08	1
o-Xylene	0.0010	U	0.0010	0.00046	mg/Kg	☼	10/11/25 10:46	10/11/25 21:08	1
sec-Butylbenzene	0.0010	U	0.0010	0.00029	mg/Kg	☼	10/11/25 10:46	10/11/25 21:08	1
Styrene	0.0010	U	0.0010	0.00028	mg/Kg	☼	10/11/25 10:46	10/11/25 21:08	1

Client Sample ID: 3C1_10-11

Lab Sample ID: 460-336761-83

Date Collected: 10/08/25 14:20

Matrix: Solid

Date Received: 10/08/25 17:00

Percent Solids: 88.1

Method: SW846 8260D - Volatile Organic Compounds by GC/MS (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
tert-Butylbenzene	0.0010	U	0.0010	0.00028	mg/Kg	☼	10/11/25 10:46	10/11/25 21:08	1
Tetrachloroethene	0.0010	U	0.0010	0.00031	mg/Kg	☼	10/11/25 10:46	10/11/25 21:08	1
Toluene	**0.00050**	**J**	0.0010	0.00023	mg/Kg	☼	10/11/25 10:46	10/11/25 21:08	1
trans-1,2-Dichloroethene	0.0010	U	0.0010	0.00025	mg/Kg	☼	10/11/25 10:46	10/11/25 21:08	1
trans-1,3-Dichloropropene	0.0010	U	0.0010	0.00027	mg/Kg	☼	10/11/25 10:46	10/11/25 21:08	1
Trichloroethene	0.0010	U	0.0010	0.00032	mg/Kg	☼	10/11/25 10:46	10/11/25 21:08	1
Trichlorofluoromethane	0.0010	U	0.0010	0.00041	mg/Kg	☼	10/11/25 10:46	10/11/25 21:08	1
Vinyl chloride	0.0010	U	0.0010	0.00055	mg/Kg	☼	10/11/25 10:46	10/11/25 21:08	1
Xylenes, Total	0.0020	U	0.0020	0.00017	mg/Kg	☼	10/11/25 10:46	10/11/25 21:08	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,2-Dichloroethane-d4 (Surr)	*114*		*65 - 138*	*10/11/25 10:46*	*10/11/25 21:08*	*1*
4-Bromofluorobenzene	*103*		*71 - 128*	*10/11/25 10:46*	*10/11/25 21:08*	*1*
Dibromofluoromethane (Surr)	*124*		*50 - 150*	*10/11/25 10:46*	*10/11/25 21:08*	*1*
Toluene-d8 (Surr)	*93*		*71 - 126*	*10/11/25 10:46*	*10/11/25 21:08*	*1*

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Percent Moisture (EPA Moisture)	**11.9**		1.0	1.0	%			10/12/25 18:39	1
Percent Solids (EPA Moisture)	**88.1**		1.0	1.0	%			10/12/25 18:39	1

Client Sample ID: 3D1_1-2

Lab Sample ID: 460-336761-84

Date Collected: 10/08/25 14:25

Matrix: Solid

Date Received: 10/08/25 17:00

Percent Solids: 88.9

Method: SW846 8260D - Volatile Organic Compounds by GC/MS

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1-Trichloroethane	0.0010	U	0.0010	0.00024	mg/Kg	☼	10/11/25 10:46	10/11/25 21:31	1
1,1,2,2-Tetrachloroethane	0.0010	U	0.0010	0.00053	mg/Kg	☼	10/11/25 10:46	10/11/25 21:31	1
1,1,2-Trichloro-1,2,2-trifluoroethane	0.0010	U	0.0010	0.00031	mg/Kg	☼	10/11/25 10:46	10/11/25 21:31	1
1,1,2-Trichloroethane	0.0010	U	0.0010	0.00061	mg/Kg	☼	10/11/25 10:46	10/11/25 21:31	1
1,1-Dichloroethane	0.0010	U	0.0010	0.00061	mg/Kg	☼	10/11/25 10:46	10/11/25 21:31	1
1,1-Dichloroethene	0.0010	U	0.0010	0.00023	mg/Kg	☼	10/11/25 10:46	10/11/25 21:31	1
1,2,3-Trichlorobenzene	0.0010	U	0.0010	0.00075	mg/Kg	☼	10/11/25 10:46	10/11/25 21:31	1
1,2,4-Trichlorobenzene	0.0010	U	0.0010	0.00037	mg/Kg	☼	10/11/25 10:46	10/11/25 21:31	1
1,2,4-Trimethylbenzene	0.0010	U	0.0010	0.00025	mg/Kg	☼	10/11/25 10:46	10/11/25 21:31	1
1,2-Dibromo-3-Chloropropane	0.0010	U	0.0010	0.00047	mg/Kg	☼	10/11/25 10:46	10/11/25 21:31	1
1,2-Dichlorobenzene	0.0010	U	0.0010	0.00037	mg/Kg	☼	10/11/25 10:46	10/11/25 21:31	1
1,2-Dichloroethane	0.0010	U	0.0010	0.00030	mg/Kg	☼	10/11/25 10:46	10/11/25 21:31	1
1,2-Dichloropropane	0.0010	U	0.0010	0.00043	mg/Kg	☼	10/11/25 10:46	10/11/25 21:31	1
1,3,5-Trimethylbenzene	0.0010	U	0.0010	0.00032	mg/Kg	☼	10/11/25 10:46	10/11/25 21:31	1
1,3-Dichlorobenzene	0.0010	U	0.0010	0.00037	mg/Kg	☼	10/11/25 10:46	10/11/25 21:31	1
1,4-Dichlorobenzene	0.0010	U	0.0010	0.00053	mg/Kg	☼	10/11/25 10:46	10/11/25 21:31	1
2-Butanone (MEK)	0.0051	U	0.0051	0.00038	mg/Kg	☼	10/11/25 10:46	10/11/25 21:31	1
2-Hexanone	0.0051	U	0.0051	0.0017	mg/Kg	☼	10/11/25 10:46	10/11/25 21:31	1
4-Methyl-2-pentanone (MIBK)	0.0051	U	0.0051	0.0016	mg/Kg	☼	10/11/25 10:46	10/11/25 21:31	1
Acetone	0.0061	U	0.0061	0.0058	mg/Kg	☼	10/11/25 10:46	10/11/25 21:31	1
Benzene	0.0010	U	0.0010	0.00058	mg/Kg	☼	10/11/25 10:46	10/11/25 21:31	1
Bromoform	0.0010	U	0.0010	0.00043	mg/Kg	☼	10/11/25 10:46	10/11/25 21:31	1
Bromomethane	0.0020	U	0.0020	0.0010	mg/Kg	☼	10/11/25 10:46	10/11/25 21:31	1

Client Sample ID: 3D1_1-2
Date Collected: 10/08/25 14:25
Date Received: 10/08/25 17:00

Lab Sample ID: 460-336761-84
Matrix: Solid
Percent Solids: 88.9

Method: SW846 8260D - Volatile Organic Compounds by GC/MS (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Carbon disulfide	0.0010	U	0.0010	0.00027	mg/Kg	☼	10/11/25 10:46	10/11/25 21:31	1
Carbon tetrachloride	0.0010	U	0.0010	0.00039	mg/Kg	☼	10/11/25 10:46	10/11/25 21:31	1
Chlorobenzene	0.0010	U	0.0010	0.00052	mg/Kg	☼	10/11/25 10:46	10/11/25 21:31	1
Chlorobromomethane	0.0010	U	0.0010	0.00061	mg/Kg	☼	10/11/25 10:46	10/11/25 21:31	1
Chlorodibromomethane	0.0010	U	0.0010	0.00055	mg/Kg	☼	10/11/25 10:46	10/11/25 21:31	1
Chloroethane	0.0010	U	0.0010	0.00053	mg/Kg	☼	10/11/25 10:46	10/11/25 21:31	1
Chloroform	0.0010	U	0.0010	0.00099	mg/Kg	☼	10/11/25 10:46	10/11/25 21:31	1
Chloromethane	0.0010	U	0.0010	0.00044	mg/Kg	☼	10/11/25 10:46	10/11/25 21:31	1
cis-1,2-Dichloroethene	0.0010	U	0.0010	0.00037	mg/Kg	☼	10/11/25 10:46	10/11/25 21:31	1
cis-1,3-Dichloropropene	0.0010	U	0.0010	0.00028	mg/Kg	☼	10/11/25 10:46	10/11/25 21:31	1
Cyclohexane	0.0010	U	0.0010	0.00023	mg/Kg	☼	10/11/25 10:46	10/11/25 21:31	1
Dichlorobromomethane	0.0010	U	0.0010	0.00026	mg/Kg	☼	10/11/25 10:46	10/11/25 21:31	1
Dichlorodifluoromethane	0.0010	U	0.0010	0.00034	mg/Kg	☼	10/11/25 10:46	10/11/25 21:31	1
Ethylbenzene	0.0010	U	0.0010	0.00048	mg/Kg	☼	10/11/25 10:46	10/11/25 21:31	1
Ethylene Dibromide	0.0010	U	0.0010	0.00051	mg/Kg	☼	10/11/25 10:46	10/11/25 21:31	1
Isopropylbenzene	0.0010	U	0.0010	0.00029	mg/Kg	☼	10/11/25 10:46	10/11/25 21:31	1
Methyl acetate	0.0051	U	0.0051	0.0044	mg/Kg	☼	10/11/25 10:46	10/11/25 21:31	1
Methyl tert-butyl ether	0.0010	U	0.0010	0.00052	mg/Kg	☼	10/11/25 10:46	10/11/25 21:31	1
Methylcyclohexane	0.0010	U	0.0010	0.00051	mg/Kg	☼	10/11/25 10:46	10/11/25 21:31	1
Methylene Chloride	0.0020	U	0.0020	0.0012	mg/Kg	☼	10/11/25 10:46	10/11/25 21:31	1
m-Xylene & p-Xylene	0.0010	U	0.0010	0.00043	mg/Kg	☼	10/11/25 10:46	10/11/25 21:31	1
n-Butylbenzene	0.0010	U	0.0010	0.00030	mg/Kg	☼	10/11/25 10:46	10/11/25 21:31	1
N-Propylbenzene	0.0010	U	0.0010	0.00046	mg/Kg	☼	10/11/25 10:46	10/11/25 21:31	1
o-Xylene	0.0010	U	0.0010	0.00047	mg/Kg	☼	10/11/25 10:46	10/11/25 21:31	1
sec-Butylbenzene	0.0010	U	0.0010	0.00029	mg/Kg	☼	10/11/25 10:46	10/11/25 21:31	1
Styrene	0.0010	U	0.0010	0.00028	mg/Kg	☼	10/11/25 10:46	10/11/25 21:31	1
tert-Butylbenzene	0.0010	U	0.0010	0.00028	mg/Kg	☼	10/11/25 10:46	10/11/25 21:31	1
Tetrachloroethene	0.0010	U	0.0010	0.00031	mg/Kg	☼	10/11/25 10:46	10/11/25 21:31	1
Toluene	0.0010	U	0.0010	0.00024	mg/Kg	☼	10/11/25 10:46	10/11/25 21:31	1
trans-1,2-Dichloroethene	0.0010	U	0.0010	0.00025	mg/Kg	☼	10/11/25 10:46	10/11/25 21:31	1
trans-1,3-Dichloropropene	0.0010	U	0.0010	0.00027	mg/Kg	☼	10/11/25 10:46	10/11/25 21:31	1
Trichloroethene	0.0010	U	0.0010	0.00033	mg/Kg	☼	10/11/25 10:46	10/11/25 21:31	1
Trichlorofluoromethane	0.0010	U	0.0010	0.00041	mg/Kg	☼	10/11/25 10:46	10/11/25 21:31	1
Vinyl chloride	0.0010	U	0.0010	0.00056	mg/Kg	☼	10/11/25 10:46	10/11/25 21:31	1
Xylenes, Total	0.0020	U	0.0020	0.00018	mg/Kg	☼	10/11/25 10:46	10/11/25 21:31	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,2-Dichloroethane-d4 (Surr)	*116*		*65 - 138*	*10/11/25 10:46*	*10/11/25 21:31*	*1*
4-Bromofluorobenzene	*100*		*71 - 128*	*10/11/25 10:46*	*10/11/25 21:31*	*1*
Dibromofluoromethane (Surr)	*127*		*50 - 150*	*10/11/25 10:46*	*10/11/25 21:31*	*1*
Toluene-d8 (Surr)	*93*		*71 - 126*	*10/11/25 10:46*	*10/11/25 21:31*	*1*

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Percent Moisture (EPA Moisture)	**11.1**		1.0	1.0	%			10/12/25 18:39	1
Percent Solids (EPA Moisture)	**88.9**		1.0	1.0	%			10/12/25 18:39	1

Client: Haley & Aldrich, Inc.
Project/Site: Former Port Mobil

Job ID: 460-336761-1

Client Sample ID: 3D2_3-4
Date Collected: 10/08/25 14:30
Date Received: 10/08/25 17:00

Lab Sample ID: 460-336761-85
Matrix: Solid
Percent Solids: 92.4

Method: SW846 8260D - Volatile Organic Compounds by GC/MS

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1-Trichloroethane	0.0012	U	0.0012	0.00028	mg/Kg	☼	10/11/25 10:47	10/11/25 21:54	1
1,1,2,2-Tetrachloroethane	0.0012	U	0.0012	0.00063	mg/Kg	☼	10/11/25 10:47	10/11/25 21:54	1
1,1,2-Trichloro-1,2,2-trifluoroethane	0.0012	U	0.0012	0.00036	mg/Kg	☼	10/11/25 10:47	10/11/25 21:54	1
1,1,2-Trichloroethane	0.0012	U	0.0012	0.00072	mg/Kg	☼	10/11/25 10:47	10/11/25 21:54	1
1,1-Dichloroethane	0.0012	U	0.0012	0.00072	mg/Kg	☼	10/11/25 10:47	10/11/25 21:54	1
1,1-Dichloroethene	0.0012	U	0.0012	0.00027	mg/Kg	☼	10/11/25 10:47	10/11/25 21:54	1
1,2,3-Trichlorobenzene	0.0012	U	0.0012	0.00089	mg/Kg	☼	10/11/25 10:47	10/11/25 21:54	1
1,2,4-Trichlorobenzene	0.0012	U	0.0012	0.00043	mg/Kg	☼	10/11/25 10:47	10/11/25 21:54	1
1,2,4-Trimethylbenzene	0.0012	U	0.0012	0.00030	mg/Kg	☼	10/11/25 10:47	10/11/25 21:54	1
1,2-Dibromo-3-Chloropropane	0.0012	U	0.0012	0.00055	mg/Kg	☼	10/11/25 10:47	10/11/25 21:54	1
1,2-Dichlorobenzene	0.0012	U	0.0012	0.00043	mg/Kg	☼	10/11/25 10:47	10/11/25 21:54	1
1,2-Dichloroethane	0.0012	U	0.0012	0.00036	mg/Kg	☼	10/11/25 10:47	10/11/25 21:54	1
1,2-Dichloropropane	0.0012	U	0.0012	0.00051	mg/Kg	☼	10/11/25 10:47	10/11/25 21:54	1
1,3,5-Trimethylbenzene	0.0012	U	0.0012	0.00038	mg/Kg	☼	10/11/25 10:47	10/11/25 21:54	1
1,3-Dichlorobenzene	0.0012	U	0.0012	0.00044	mg/Kg	☼	10/11/25 10:47	10/11/25 21:54	1
1,4-Dichlorobenzene	0.0012	U	0.0012	0.00062	mg/Kg	☼	10/11/25 10:47	10/11/25 21:54	1
2-Butanone (MEK)	0.0060	U	0.0060	0.00044	mg/Kg	☼	10/11/25 10:47	10/11/25 21:54	1
2-Hexanone	0.0060	U	0.0060	0.0021	mg/Kg	☼	10/11/25 10:47	10/11/25 21:54	1
4-Methyl-2-pentanone (MIBK)	0.0060	U	0.0060	0.0019	mg/Kg	☼	10/11/25 10:47	10/11/25 21:54	1
Acetone	0.0072	U	0.0072	0.0069	mg/Kg	☼	10/11/25 10:47	10/11/25 21:54	1
Benzene	0.0012	U	0.0012	0.00068	mg/Kg	☼	10/11/25 10:47	10/11/25 21:54	1
Bromoform	0.0012	U	0.0012	0.00051	mg/Kg	☼	10/11/25 10:47	10/11/25 21:54	1
Bromomethane	0.0024	U	0.0024	0.0012	mg/Kg	☼	10/11/25 10:47	10/11/25 21:54	1
Carbon disulfide	0.0012	U	0.0012	0.00032	mg/Kg	☼	10/11/25 10:47	10/11/25 21:54	1
Carbon tetrachloride	0.0012	U	0.0012	0.00047	mg/Kg	☼	10/11/25 10:47	10/11/25 21:54	1
Chlorobenzene	0.0012	U	0.0012	0.00061	mg/Kg	☼	10/11/25 10:47	10/11/25 21:54	1
Chlorobromomethane	0.0012	U	0.0012	0.00072	mg/Kg	☼	10/11/25 10:47	10/11/25 21:54	1
Chlorodibromomethane	0.0012	U	0.0012	0.00065	mg/Kg	☼	10/11/25 10:47	10/11/25 21:54	1
Chloroethane	0.0012	U	0.0012	0.00063	mg/Kg	☼	10/11/25 10:47	10/11/25 21:54	1
Chloroform	0.0012	U	0.0012	0.0012	mg/Kg	☼	10/11/25 10:47	10/11/25 21:54	1
Chloromethane	0.0012	U	0.0012	0.00052	mg/Kg	☼	10/11/25 10:47	10/11/25 21:54	1
cis-1,2-Dichloroethene	0.0012	U	0.0012	0.00043	mg/Kg	☼	10/11/25 10:47	10/11/25 21:54	1
cis-1,3-Dichloropropene	0.0012	U	0.0012	0.00033	mg/Kg	☼	10/11/25 10:47	10/11/25 21:54	1
Cyclohexane	0.0012	U	0.0012	0.00027	mg/Kg	☼	10/11/25 10:47	10/11/25 21:54	1
Dichlorobromomethane	0.0012	U	0.0012	0.00031	mg/Kg	☼	10/11/25 10:47	10/11/25 21:54	1
Dichlorodifluoromethane	0.0012	U	0.0012	0.00041	mg/Kg	☼	10/11/25 10:47	10/11/25 21:54	1
Ethylbenzene	0.0012	U	0.0012	0.00056	mg/Kg	☼	10/11/25 10:47	10/11/25 21:54	1
Ethylene Dibromide	0.0012	U	0.0012	0.00061	mg/Kg	☼	10/11/25 10:47	10/11/25 21:54	1
Isopropylbenzene	0.0012	U	0.0012	0.00034	mg/Kg	☼	10/11/25 10:47	10/11/25 21:54	1
Methyl acetate	0.0060	U	0.0060	0.0052	mg/Kg	☼	10/11/25 10:47	10/11/25 21:54	1
Methyl tert-butyl ether	0.0012	U	0.0012	0.00062	mg/Kg	☼	10/11/25 10:47	10/11/25 21:54	1
Methylcyclohexane	0.0012	U	0.0012	0.00060	mg/Kg	☼	10/11/25 10:47	10/11/25 21:54	1
Methylene Chloride	0.0024	U	0.0024	0.0014	mg/Kg	☼	10/11/25 10:47	10/11/25 21:54	1
m-Xylene & p-Xylene	0.0012	U	0.0012	0.00051	mg/Kg	☼	10/11/25 10:47	10/11/25 21:54	1
n-Butylbenzene	0.0012	U	0.0012	0.00035	mg/Kg	☼	10/11/25 10:47	10/11/25 21:54	1
N-Propylbenzene	0.0012	U	0.0012	0.00054	mg/Kg	☼	10/11/25 10:47	10/11/25 21:54	1
o-Xylene	0.0012	U	0.0012	0.00055	mg/Kg	☼	10/11/25 10:47	10/11/25 21:54	1
sec-Butylbenzene	0.0012	U	0.0012	0.00035	mg/Kg	☼	10/11/25 10:47	10/11/25 21:54	1
Styrene	0.0012	U	0.0012	0.00033	mg/Kg	☼	10/11/25 10:47	10/11/25 21:54	1

Client Sample ID: 3D2_3-4

Lab Sample ID: 460-336761-85

Date Collected: 10/08/25 14:30

Matrix: Solid

Date Received: 10/08/25 17:00

Percent Solids: 92.4

Method: SW846 8260D - Volatile Organic Compounds by GC/MS (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
tert-Butylbenzene	0.0012	U	0.0012	0.00033	mg/Kg	☼	10/11/25 10:47	10/11/25 21:54	1
Tetrachloroethene	0.0012	U	0.0012	0.00037	mg/Kg	☼	10/11/25 10:47	10/11/25 21:54	1
Toluene	**0.00059**	**J**	0.0012	0.00028	mg/Kg	☼	10/11/25 10:47	10/11/25 21:54	1
trans-1,2-Dichloroethene	0.0012	U	0.0012	0.00030	mg/Kg	☼	10/11/25 10:47	10/11/25 21:54	1
trans-1,3-Dichloropropene	0.0012	U	0.0012	0.00032	mg/Kg	☼	10/11/25 10:47	10/11/25 21:54	1
Trichloroethene	0.0012	U	0.0012	0.00039	mg/Kg	☼	10/11/25 10:47	10/11/25 21:54	1
Trichlorofluoromethane	0.0012	U	0.0012	0.00049	mg/Kg	☼	10/11/25 10:47	10/11/25 21:54	1
Vinyl chloride	0.0012	U	0.0012	0.00066	mg/Kg	☼	10/11/25 10:47	10/11/25 21:54	1
Xylenes, Total	0.0024	U	0.0024	0.00021	mg/Kg	☼	10/11/25 10:47	10/11/25 21:54	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,2-Dichloroethane-d4 (Surr)	*112*		*65 - 138*	*10/11/25 10:47*	*10/11/25 21:54*	*1*
4-Bromofluorobenzene	*101*		*71 - 128*	*10/11/25 10:47*	*10/11/25 21:54*	*1*
Dibromofluoromethane (Surr)	*124*		*50 - 150*	*10/11/25 10:47*	*10/11/25 21:54*	*1*
Toluene-d8 (Surr)	*92*		*71 - 126*	*10/11/25 10:47*	*10/11/25 21:54*	*1*

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Percent Moisture (EPA Moisture)	**7.6**		1.0	1.0	%			10/12/25 18:39	1
Percent Solids (EPA Moisture)	**92.4**		1.0	1.0	%			10/12/25 18:39	1

Client Sample ID: 3D3_5-6

Lab Sample ID: 460-336761-86

Date Collected: 10/08/25 14:35

Matrix: Solid

Date Received: 10/08/25 17:00

Percent Solids: 87.8

Method: SW846 8260D - Volatile Organic Compounds by GC/MS

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1-Trichloroethane	0.0013	U	0.0013	0.00030	mg/Kg	☼	10/11/25 10:47	10/11/25 22:17	1
1,1,2,2-Tetrachloroethane	0.0013	U	0.0013	0.00068	mg/Kg	☼	10/11/25 10:47	10/11/25 22:17	1
1,1,2-Trichloro-1,2,2-trifluoroethane	0.0013	U	0.0013	0.00039	mg/Kg	☼	10/11/25 10:47	10/11/25 22:17	1
1,1,2-Trichloroethane	0.0013	U	0.0013	0.00078	mg/Kg	☼	10/11/25 10:47	10/11/25 22:17	1
1,1-Dichloroethane	0.0013	U	0.0013	0.00077	mg/Kg	☼	10/11/25 10:47	10/11/25 22:17	1
1,1-Dichloroethene	0.0013	U	0.0013	0.00029	mg/Kg	☼	10/11/25 10:47	10/11/25 22:17	1
1,2,3-Trichlorobenzene	0.0013	U	0.0013	0.00096	mg/Kg	☼	10/11/25 10:47	10/11/25 22:17	1
1,2,4-Trichlorobenzene	0.0013	U	0.0013	0.00046	mg/Kg	☼	10/11/25 10:47	10/11/25 22:17	1
1,2,4-Trimethylbenzene	0.0013	U	0.0013	0.00032	mg/Kg	☼	10/11/25 10:47	10/11/25 22:17	1
1,2-Dibromo-3-Chloropropane	0.0013	U	0.0013	0.00060	mg/Kg	☼	10/11/25 10:47	10/11/25 22:17	1
1,2-Dichlorobenzene	0.0013	U	0.0013	0.00047	mg/Kg	☼	10/11/25 10:47	10/11/25 22:17	1
1,2-Dichloroethane	0.0013	U	0.0013	0.00038	mg/Kg	☼	10/11/25 10:47	10/11/25 22:17	1
1,2-Dichloropropane	0.0013	U	0.0013	0.00055	mg/Kg	☼	10/11/25 10:47	10/11/25 22:17	1
1,3,5-Trimethylbenzene	0.0013	U	0.0013	0.00041	mg/Kg	☼	10/11/25 10:47	10/11/25 22:17	1
1,3-Dichlorobenzene	0.0013	U	0.0013	0.00047	mg/Kg	☼	10/11/25 10:47	10/11/25 22:17	1
1,4-Dichlorobenzene	0.0013	U	0.0013	0.00067	mg/Kg	☼	10/11/25 10:47	10/11/25 22:17	1
2-Butanone (MEK)	0.0065	U	0.0065	0.00048	mg/Kg	☼	10/11/25 10:47	10/11/25 22:17	1
2-Hexanone	0.0065	U	0.0065	0.0022	mg/Kg	☼	10/11/25 10:47	10/11/25 22:17	1
4-Methyl-2-pentanone (MIBK)	0.0065	U	0.0065	0.0020	mg/Kg	☼	10/11/25 10:47	10/11/25 22:17	1
Acetone	0.0078	U	0.0078	0.0074	mg/Kg	☼	10/11/25 10:47	10/11/25 22:17	1
Benzene	0.0013	U	0.0013	0.00073	mg/Kg	☼	10/11/25 10:47	10/11/25 22:17	1
Bromoform	0.0013	U	0.0013	0.00055	mg/Kg	☼	10/11/25 10:47	10/11/25 22:17	1
Bromomethane	0.0026	U	0.0026	0.0013	mg/Kg	☼	10/11/25 10:47	10/11/25 22:17	1

Client Sample ID: 3D3_5-6
Date Collected: 10/08/25 14:35
Date Received: 10/08/25 17:00

Lab Sample ID: 460-336761-86
Matrix: Solid
Percent Solids: 87.8

Method: SW846 8260D - Volatile Organic Compounds by GC/MS (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Carbon disulfide	0.0013	U	0.0013	0.00034	mg/Kg	☼	10/11/25 10:47	10/11/25 22:17	1
Carbon tetrachloride	0.0013	U	0.0013	0.00050	mg/Kg	☼	10/11/25 10:47	10/11/25 22:17	1
Chlorobenzene	0.0013	U	0.0013	0.00066	mg/Kg	☼	10/11/25 10:47	10/11/25 22:17	1
Chlorobromomethane	0.0013	U	0.0013	0.00077	mg/Kg	☼	10/11/25 10:47	10/11/25 22:17	1
Chlorodibromomethane	0.0013	U	0.0013	0.00070	mg/Kg	☼	10/11/25 10:47	10/11/25 22:17	1
Chloroethane	0.0013	U	0.0013	0.00068	mg/Kg	☼	10/11/25 10:47	10/11/25 22:17	1
Chloroform	0.0013	U	0.0013	0.0013	mg/Kg	☼	10/11/25 10:47	10/11/25 22:17	1
Chloromethane	0.0013	U	0.0013	0.00056	mg/Kg	☼	10/11/25 10:47	10/11/25 22:17	1
cis-1,2-Dichloroethene	0.0013	U	0.0013	0.00046	mg/Kg	☼	10/11/25 10:47	10/11/25 22:17	1
cis-1,3-Dichloropropene	0.0013	U	0.0013	0.00035	mg/Kg	☼	10/11/25 10:47	10/11/25 22:17	1
Cyclohexane	0.0013	U	0.0013	0.00029	mg/Kg	☼	10/11/25 10:47	10/11/25 22:17	1
Dichlorobromomethane	0.0013	U	0.0013	0.00033	mg/Kg	☼	10/11/25 10:47	10/11/25 22:17	1
Dichlorodifluoromethane	0.0013	U	0.0013	0.00044	mg/Kg	☼	10/11/25 10:47	10/11/25 22:17	1
Ethylbenzene	0.0013	U	0.0013	0.00061	mg/Kg	☼	10/11/25 10:47	10/11/25 22:17	1
Ethylene Dibromide	0.0013	U	0.0013	0.00065	mg/Kg	☼	10/11/25 10:47	10/11/25 22:17	1
Isopropylbenzene	0.0013	U	0.0013	0.00037	mg/Kg	☼	10/11/25 10:47	10/11/25 22:17	1
Methyl acetate	0.0065	U	0.0065	0.0056	mg/Kg	☼	10/11/25 10:47	10/11/25 22:17	1
Methyl tert-butyl ether	0.0013	U	0.0013	0.00066	mg/Kg	☼	10/11/25 10:47	10/11/25 22:17	1
Methylcyclohexane	0.0013	U	0.0013	0.00065	mg/Kg	☼	10/11/25 10:47	10/11/25 22:17	1
Methylene Chloride	0.0026	U	0.0026	0.0015	mg/Kg	☼	10/11/25 10:47	10/11/25 22:17	1
m-Xylene & p-Xylene	0.0013	U	0.0013	0.00055	mg/Kg	☼	10/11/25 10:47	10/11/25 22:17	1
n-Butylbenzene	0.0013	U	0.0013	0.00038	mg/Kg	☼	10/11/25 10:47	10/11/25 22:17	1
N-Propylbenzene	0.0013	U	0.0013	0.00058	mg/Kg	☼	10/11/25 10:47	10/11/25 22:17	1
o-Xylene	0.0013	U	0.0013	0.00060	mg/Kg	☼	10/11/25 10:47	10/11/25 22:17	1
sec-Butylbenzene	0.0013	U	0.0013	0.00037	mg/Kg	☼	10/11/25 10:47	10/11/25 22:17	1
Styrene	0.0013	U	0.0013	0.00036	mg/Kg	☼	10/11/25 10:47	10/11/25 22:17	1
tert-Butylbenzene	0.0013	U	0.0013	0.00036	mg/Kg	☼	10/11/25 10:47	10/11/25 22:17	1
Tetrachloroethene	0.0013	U	0.0013	0.00039	mg/Kg	☼	10/11/25 10:47	10/11/25 22:17	1
Toluene	0.0013	U	0.0013	0.00030	mg/Kg	☼	10/11/25 10:47	10/11/25 22:17	1
trans-1,2-Dichloroethene	0.0013	U	0.0013	0.00032	mg/Kg	☼	10/11/25 10:47	10/11/25 22:17	1
trans-1,3-Dichloropropene	0.0013	U	0.0013	0.00034	mg/Kg	☼	10/11/25 10:47	10/11/25 22:17	1
Trichloroethene	0.0013	U	0.0013	0.00042	mg/Kg	☼	10/11/25 10:47	10/11/25 22:17	1
Trichlorofluoromethane	0.0013	U	0.0013	0.00053	mg/Kg	☼	10/11/25 10:47	10/11/25 22:17	1
Vinyl chloride	0.0013	U	0.0013	0.00071	mg/Kg	☼	10/11/25 10:47	10/11/25 22:17	1
Xylenes, Total	0.0026	U	0.0026	0.00023	mg/Kg	☼	10/11/25 10:47	10/11/25 22:17	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,2-Dichloroethane-d4 (Surr)	*111*		*65 - 138*	*10/11/25 10:47*	*10/11/25 22:17*	*1*
4-Bromofluorobenzene	*102*		*71 - 128*	*10/11/25 10:47*	*10/11/25 22:17*	*1*
Dibromofluoromethane (Surr)	*118*		*50 - 150*	*10/11/25 10:47*	*10/11/25 22:17*	*1*
Toluene-d8 (Surr)	*94*		*71 - 126*	*10/11/25 10:47*	*10/11/25 22:17*	*1*

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Percent Moisture (EPA Moisture)	**12.2**		1.0	1.0	%			10/12/25 18:39	1
Percent Solids (EPA Moisture)	**87.8**		1.0	1.0	%			10/12/25 18:39	1

Client: Haley & Aldrich, Inc.
Project/Site: Former Port Mobil

Job ID: 460-336761-1

Client Sample ID: 3D1_6-7
Date Collected: 10/08/25 14:40
Date Received: 10/08/25 17:00

Lab Sample ID: 460-336761-87
Matrix: Solid
Percent Solids: 86.8

Method: SW846 8260D - Volatile Organic Compounds by GC/MS

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1-Trichloroethane	0.00085	U	0.00085	0.00020	mg/Kg	☼	10/11/25 10:47	10/11/25 22:40	1
1,1,2,2-Tetrachloroethane	0.00085	U	0.00085	0.00044	mg/Kg	☼	10/11/25 10:47	10/11/25 22:40	1
1,1,2-Trichloro-1,2,2-trifluoroethane	0.00085	U	0.00085	0.00026	mg/Kg	☼	10/11/25 10:47	10/11/25 22:40	1
1,1,2-Trichloroethane	0.00085	U	0.00085	0.00051	mg/Kg	☼	10/11/25 10:47	10/11/25 22:40	1
1,1-Dichloroethane	0.00085	U	0.00085	0.00051	mg/Kg	☼	10/11/25 10:47	10/11/25 22:40	1
1,1-Dichloroethene	0.00085	U	0.00085	0.00019	mg/Kg	☼	10/11/25 10:47	10/11/25 22:40	1
1,2,3-Trichlorobenzene	0.00085	U	0.00085	0.00063	mg/Kg	☼	10/11/25 10:47	10/11/25 22:40	1
1,2,4-Trichlorobenzene	0.00085	U	0.00085	0.00030	mg/Kg	☼	10/11/25 10:47	10/11/25 22:40	1
1,2,4-Trimethylbenzene	0.00085	U	0.00085	0.00021	mg/Kg	☼	10/11/25 10:47	10/11/25 22:40	1
1,2-Dibromo-3-Chloropropane	0.00085	U	0.00085	0.00039	mg/Kg	☼	10/11/25 10:47	10/11/25 22:40	1
1,2-Dichlorobenzene	0.00085	U	0.00085	0.00031	mg/Kg	☼	10/11/25 10:47	10/11/25 22:40	1
1,2-Dichloroethane	0.00085	U	0.00085	0.00025	mg/Kg	☼	10/11/25 10:47	10/11/25 22:40	1
1,2-Dichloropropane	0.00085	U	0.00085	0.00036	mg/Kg	☼	10/11/25 10:47	10/11/25 22:40	1
1,3,5-Trimethylbenzene	0.00085	U	0.00085	0.00027	mg/Kg	☼	10/11/25 10:47	10/11/25 22:40	1
1,3-Dichlorobenzene	0.00085	U	0.00085	0.00031	mg/Kg	☼	10/11/25 10:47	10/11/25 22:40	1
1,4-Dichlorobenzene	0.00085	U	0.00085	0.00044	mg/Kg	☼	10/11/25 10:47	10/11/25 22:40	1
2-Butanone (MEK)	0.0043	U	0.0043	0.00031	mg/Kg	☼	10/11/25 10:47	10/11/25 22:40	1
2-Hexanone	0.0043	U	0.0043	0.0015	mg/Kg	☼	10/11/25 10:47	10/11/25 22:40	1
4-Methyl-2-pentanone (MIBK)	0.0043	U	0.0043	0.0013	mg/Kg	☼	10/11/25 10:47	10/11/25 22:40	1
Acetone	0.0051	U	0.0051	0.0049	mg/Kg	☼	10/11/25 10:47	10/11/25 22:40	1
Benzene	0.00085	U	0.00085	0.00048	mg/Kg	☼	10/11/25 10:47	10/11/25 22:40	1
Bromoform	0.00085	U	0.00085	0.00036	mg/Kg	☼	10/11/25 10:47	10/11/25 22:40	1
Bromomethane	0.0017	U	0.0017	0.00085	mg/Kg	☼	10/11/25 10:47	10/11/25 22:40	1
Carbon disulfide	0.00085	U	0.00085	0.00023	mg/Kg	☼	10/11/25 10:47	10/11/25 22:40	1
Carbon tetrachloride	0.00085	U	0.00085	0.00033	mg/Kg	☼	10/11/25 10:47	10/11/25 22:40	1
Chlorobenzene	0.00085	U	0.00085	0.00043	mg/Kg	☼	10/11/25 10:47	10/11/25 22:40	1
Chlorobromomethane	0.00085	U	0.00085	0.00051	mg/Kg	☼	10/11/25 10:47	10/11/25 22:40	1
Chlorodibromomethane	0.00085	U	0.00085	0.00046	mg/Kg	☼	10/11/25 10:47	10/11/25 22:40	1
Chloroethane	0.00085	U	0.00085	0.00044	mg/Kg	☼	10/11/25 10:47	10/11/25 22:40	1
Chloroform	0.00085	U	0.00085	0.00083	mg/Kg	☼	10/11/25 10:47	10/11/25 22:40	1
Chloromethane	0.00085	U	0.00085	0.00037	mg/Kg	☼	10/11/25 10:47	10/11/25 22:40	1
cis-1,2-Dichloroethene	0.00085	U	0.00085	0.00030	mg/Kg	☼	10/11/25 10:47	10/11/25 22:40	1
cis-1,3-Dichloropropene	0.00085	U	0.00085	0.00023	mg/Kg	☼	10/11/25 10:47	10/11/25 22:40	1
Cyclohexane	0.00085	U	0.00085	0.00019	mg/Kg	☼	10/11/25 10:47	10/11/25 22:40	1
Dichlorobromomethane	0.00085	U	0.00085	0.00022	mg/Kg	☼	10/11/25 10:47	10/11/25 22:40	1
Dichlorodifluoromethane	0.00085	U	0.00085	0.00029	mg/Kg	☼	10/11/25 10:47	10/11/25 22:40	1
Ethylbenzene	0.00085	U	0.00085	0.00040	mg/Kg	☼	10/11/25 10:47	10/11/25 22:40	1
Ethylene Dibromide	0.00085	U	0.00085	0.00043	mg/Kg	☼	10/11/25 10:47	10/11/25 22:40	1
Isopropylbenzene	0.00085	U	0.00085	0.00024	mg/Kg	☼	10/11/25 10:47	10/11/25 22:40	1
Methyl acetate	0.0043	U	0.0043	0.0037	mg/Kg	☼	10/11/25 10:47	10/11/25 22:40	1
Methyl tert-butyl ether	0.00085	U	0.00085	0.00044	mg/Kg	☼	10/11/25 10:47	10/11/25 22:40	1
Methylcyclohexane	0.00085	U	0.00085	0.00042	mg/Kg	☼	10/11/25 10:47	10/11/25 22:40	1
Methylene Chloride	0.0017	U	0.0017	0.00097	mg/Kg	☼	10/11/25 10:47	10/11/25 22:40	1
m-Xylene & p-Xylene	0.00085	U	0.00085	0.00036	mg/Kg	☼	10/11/25 10:47	10/11/25 22:40	1
n-Butylbenzene	0.00085	U	0.00085	0.00025	mg/Kg	☼	10/11/25 10:47	10/11/25 22:40	1
N-Propylbenzene	0.00085	U	0.00085	0.00038	mg/Kg	☼	10/11/25 10:47	10/11/25 22:40	1
o-Xylene	0.00085	U	0.00085	0.00039	mg/Kg	☼	10/11/25 10:47	10/11/25 22:40	1
sec-Butylbenzene	0.00085	U	0.00085	0.00025	mg/Kg	☼	10/11/25 10:47	10/11/25 22:40	1
Styrene	0.00085	U	0.00085	0.00024	mg/Kg	☼	10/11/25 10:47	10/11/25 22:40	1

Client Sample ID: 3D1_6-7

Lab Sample ID: 460-336761-87

Date Collected: 10/08/25 14:40
Matrix: Solid
Date Received: 10/08/25 17:00
Percent Solids: 86.8

Method: SW846 8260D - Volatile Organic Compounds by GC/MS (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
tert-Butylbenzene	0.00085	U	0.00085	0.00023	mg/Kg	☼	10/11/25 10:47	10/11/25 22:40	1
Tetrachloroethene	0.00085	U	0.00085	0.00026	mg/Kg	☼	10/11/25 10:47	10/11/25 22:40	1
Toluene	0.00085	U	0.00085	0.00020	mg/Kg	☼	10/11/25 10:47	10/11/25 22:40	1
trans-1,2-Dichloroethene	0.00085	U	0.00085	0.00021	mg/Kg	☼	10/11/25 10:47	10/11/25 22:40	1
trans-1,3-Dichloropropene	0.00085	U	0.00085	0.00023	mg/Kg	☼	10/11/25 10:47	10/11/25 22:40	1
Trichloroethene	0.00085	U	0.00085	0.00027	mg/Kg	☼	10/11/25 10:47	10/11/25 22:40	1
Trichlorofluoromethane	0.00085	U	0.00085	0.00035	mg/Kg	☼	10/11/25 10:47	10/11/25 22:40	1
Vinyl chloride	0.00085	U	0.00085	0.00046	mg/Kg	☼	10/11/25 10:47	10/11/25 22:40	1
Xylenes, Total	0.0017	U	0.0017	0.00015	mg/Kg	☼	10/11/25 10:47	10/11/25 22:40	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,2-Dichloroethane-d4 (Surr)	*111*		*65 - 138*	*10/11/25 10:47*	*10/11/25 22:40*	*1*
4-Bromofluorobenzene	*102*		*71 - 128*	*10/11/25 10:47*	*10/11/25 22:40*	*1*
Dibromofluoromethane (Surr)	*122*		*50 - 150*	*10/11/25 10:47*	*10/11/25 22:40*	*1*
Toluene-d8 (Surr)	*92*		*71 - 126*	*10/11/25 10:47*	*10/11/25 22:40*	*1*

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Percent Moisture (EPA Moisture)	**13.2**		1.0	1.0	%			10/12/25 18:39	1
Percent Solids (EPA Moisture)	**86.8**		1.0	1.0	%			10/12/25 18:39	1

Client Sample ID: 3D2_7-8

Lab Sample ID: 460-336761-88

Date Collected: 10/08/25 14:45
Matrix: Solid
Date Received: 10/08/25 17:00
Percent Solids: 89.3

Method: SW846 8260D - Volatile Organic Compounds by GC/MS

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1-Trichloroethane	0.0012	U	0.0012	0.00028	mg/Kg	☼	10/11/25 10:48	10/11/25 23:03	1
1,1,2,2-Tetrachloroethane	0.0012	U	0.0012	0.00062	mg/Kg	☼	10/11/25 10:48	10/11/25 23:03	1
1,1,2-Trichloro-1,2,2-trifluoroethane	0.0012	U	0.0012	0.00036	mg/Kg	☼	10/11/25 10:48	10/11/25 23:03	1
1,1,2-Trichloroethane	0.0012	U	0.0012	0.00072	mg/Kg	☼	10/11/25 10:48	10/11/25 23:03	1
1,1-Dichloroethane	0.0012	U	0.0012	0.00071	mg/Kg	☼	10/11/25 10:48	10/11/25 23:03	1
1,1-Dichloroethene	0.0012	U	0.0012	0.00027	mg/Kg	☼	10/11/25 10:48	10/11/25 23:03	1
1,2,3-Trichlorobenzene	0.0012	U	0.0012	0.00088	mg/Kg	☼	10/11/25 10:48	10/11/25 23:03	1
1,2,4-Trichlorobenzene	0.0012	U	0.0012	0.00043	mg/Kg	☼	10/11/25 10:48	10/11/25 23:03	1
1,2,4-Trimethylbenzene	0.0012	U	0.0012	0.00029	mg/Kg	☼	10/11/25 10:48	10/11/25 23:03	1
1,2-Dibromo-3-Chloropropane	0.0012	U	0.0012	0.00055	mg/Kg	☼	10/11/25 10:48	10/11/25 23:03	1
1,2-Dichlorobenzene	0.0012	U	0.0012	0.00043	mg/Kg	☼	10/11/25 10:48	10/11/25 23:03	1
1,2-Dichloroethane	0.0012	U	0.0012	0.00035	mg/Kg	☼	10/11/25 10:48	10/11/25 23:03	1
1,2-Dichloropropane	0.0012	U	0.0012	0.00051	mg/Kg	☼	10/11/25 10:48	10/11/25 23:03	1
1,3,5-Trimethylbenzene	0.0012	U	0.0012	0.00038	mg/Kg	☼	10/11/25 10:48	10/11/25 23:03	1
1,3-Dichlorobenzene	0.0012	U	0.0012	0.00044	mg/Kg	☼	10/11/25 10:48	10/11/25 23:03	1
1,4-Dichlorobenzene	0.0012	U	0.0012	0.00062	mg/Kg	☼	10/11/25 10:48	10/11/25 23:03	1
2-Butanone (MEK)	0.0060	U	0.0060	0.00044	mg/Kg	☼	10/11/25 10:48	10/11/25 23:03	1
2-Hexanone	0.0060	U	0.0060	0.0020	mg/Kg	☼	10/11/25 10:48	10/11/25 23:03	1
4-Methyl-2-pentanone (MIBK)	0.0060	U	0.0060	0.0019	mg/Kg	☼	10/11/25 10:48	10/11/25 23:03	1
Acetone	0.0072	U	0.0072	0.0068	mg/Kg	☼	10/11/25 10:48	10/11/25 23:03	1
Benzene	0.0012	U	0.0012	0.00068	mg/Kg	☼	10/11/25 10:48	10/11/25 23:03	1
Bromoform	0.0012	U	0.0012	0.00051	mg/Kg	☼	10/11/25 10:48	10/11/25 23:03	1
Bromomethane	0.0024	U	0.0024	0.0012	mg/Kg	☼	10/11/25 10:48	10/11/25 23:03	1

Client Sample ID: 3D2_7-8
Date Collected: 10/08/25 14:45
Date Received: 10/08/25 17:00

Lab Sample ID: 460-336761-88
Matrix: Solid
Percent Solids: 89.3

Method: SW846 8260D - Volatile Organic Compounds by GC/MS (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Carbon disulfide	0.0012	U	0.0012	0.00032	mg/Kg	☼	10/11/25 10:48	10/11/25 23:03	1
Carbon tetrachloride	0.0012	U	0.0012	0.00046	mg/Kg	☼	10/11/25 10:48	10/11/25 23:03	1
Chlorobenzene	0.0012	U	0.0012	0.00061	mg/Kg	☼	10/11/25 10:48	10/11/25 23:03	1
Chlorobromomethane	0.0012	U	0.0012	0.00071	mg/Kg	☼	10/11/25 10:48	10/11/25 23:03	1
Chlorodibromomethane	0.0012	U	0.0012	0.00064	mg/Kg	☼	10/11/25 10:48	10/11/25 23:03	1
Chloroethane	0.0012	U	0.0012	0.00062	mg/Kg	☼	10/11/25 10:48	10/11/25 23:03	1
Chloroform	0.0012	U	0.0012	0.0012	mg/Kg	☼	10/11/25 10:48	10/11/25 23:03	1
Chloromethane	0.0012	U	0.0012	0.00052	mg/Kg	☼	10/11/25 10:48	10/11/25 23:03	1
cis-1,2-Dichloroethene	0.0012	U	0.0012	0.00043	mg/Kg	☼	10/11/25 10:48	10/11/25 23:03	1
cis-1,3-Dichloropropene	0.0012	U	0.0012	0.00033	mg/Kg	☼	10/11/25 10:48	10/11/25 23:03	1
Cyclohexane	0.0012	U	0.0012	0.00026	mg/Kg	☼	10/11/25 10:48	10/11/25 23:03	1
Dichlorobromomethane	0.0012	U	0.0012	0.00031	mg/Kg	☼	10/11/25 10:48	10/11/25 23:03	1
Dichlorodifluoromethane	0.0012	U	0.0012	0.00040	mg/Kg	☼	10/11/25 10:48	10/11/25 23:03	1
Ethylbenzene	0.0012	U	0.0012	0.00056	mg/Kg	☼	10/11/25 10:48	10/11/25 23:03	1
Ethylene Dibromide	0.0012	U	0.0012	0.00060	mg/Kg	☼	10/11/25 10:48	10/11/25 23:03	1
Isopropylbenzene	0.0012	U	0.0012	0.00034	mg/Kg	☼	10/11/25 10:48	10/11/25 23:03	1
Methyl acetate	0.0060	U	0.0060	0.0051	mg/Kg	☼	10/11/25 10:48	10/11/25 23:03	1
Methyl tert-butyl ether	0.0012	U	0.0012	0.00061	mg/Kg	☼	10/11/25 10:48	10/11/25 23:03	1
Methylcyclohexane	0.0012	U	0.0012	0.00060	mg/Kg	☼	10/11/25 10:48	10/11/25 23:03	1
Methylene Chloride	**0.0015**	**J**	0.0024	0.0014	mg/Kg	☼	10/11/25 10:48	10/11/25 23:03	1
m-Xylene & p-Xylene	0.0012	U	0.0012	0.00051	mg/Kg	☼	10/11/25 10:48	10/11/25 23:03	1
n-Butylbenzene	0.0012	U	0.0012	0.00035	mg/Kg	☼	10/11/25 10:48	10/11/25 23:03	1
N-Propylbenzene	0.0012	U	0.0012	0.00054	mg/Kg	☼	10/11/25 10:48	10/11/25 23:03	1
o-Xylene	0.0012	U	0.0012	0.00055	mg/Kg	☼	10/11/25 10:48	10/11/25 23:03	1
sec-Butylbenzene	0.0012	U	0.0012	0.00034	mg/Kg	☼	10/11/25 10:48	10/11/25 23:03	1
Styrene	0.0012	U	0.0012	0.00033	mg/Kg	☼	10/11/25 10:48	10/11/25 23:03	1
tert-Butylbenzene	0.0012	U	0.0012	0.00033	mg/Kg	☼	10/11/25 10:48	10/11/25 23:03	1
Tetrachloroethene	0.0012	U	0.0012	0.00037	mg/Kg	☼	10/11/25 10:48	10/11/25 23:03	1
Toluene	**0.00059**	**J**	0.0012	0.00028	mg/Kg	☼	10/11/25 10:48	10/11/25 23:03	1
trans-1,2-Dichloroethene	0.0012	U	0.0012	0.00029	mg/Kg	☼	10/11/25 10:48	10/11/25 23:03	1
trans-1,3-Dichloropropene	0.0012	U	0.0012	0.00032	mg/Kg	☼	10/11/25 10:48	10/11/25 23:03	1
Trichloroethene	0.0012	U	0.0012	0.00038	mg/Kg	☼	10/11/25 10:48	10/11/25 23:03	1
Trichlorofluoromethane	0.0012	U	0.0012	0.00049	mg/Kg	☼	10/11/25 10:48	10/11/25 23:03	1
Vinyl chloride	0.0012	U	0.0012	0.00065	mg/Kg	☼	10/11/25 10:48	10/11/25 23:03	1
Xylenes, Total	0.0024	U	0.0024	0.00021	mg/Kg	☼	10/11/25 10:48	10/11/25 23:03	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,2-Dichloroethane-d4 (Surr)	*116*		*65 - 138*	*10/11/25 10:48*	*10/11/25 23:03*	*1*
4-Bromofluorobenzene	*102*		*71 - 128*	*10/11/25 10:48*	*10/11/25 23:03*	*1*
Dibromofluoromethane (Surr)	*127*		*50 - 150*	*10/11/25 10:48*	*10/11/25 23:03*	*1*
Toluene-d8 (Surr)	*92*		*71 - 126*	*10/11/25 10:48*	*10/11/25 23:03*	*1*

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Percent Moisture (EPA Moisture)	**10.7**		1.0	1.0	%			10/12/25 18:39	1
Percent Solids (EPA Moisture)	**89.3**		1.0	1.0	%			10/12/25 18:39	1

Client: Haley & Aldrich, Inc.
Project/Site: Former Port Mobil

Job ID: 460-336761-1

Client Sample ID: 3D3_9-10
Date Collected: 10/08/25 14:50
Date Received: 10/08/25 17:00

Lab Sample ID: 460-336761-89
Matrix: Solid
Percent Solids: 93.6

Method: SW846 8260D - Volatile Organic Compounds by GC/MS

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1-Trichloroethane	0.00080	U	0.00080	0.00019	mg/Kg	☼	10/11/25 10:48	10/11/25 23:26	1
1,1,2,2-Tetrachloroethane	0.00080	U	0.00080	0.00042	mg/Kg	☼	10/11/25 10:48	10/11/25 23:26	1
1,1,2-Trichloro-1,2,2-trifluoroethane	0.00080	U	0.00080	0.00024	mg/Kg	☼	10/11/25 10:48	10/11/25 23:26	1
1,1,2-Trichloroethane	0.00080	U	0.00080	0.00048	mg/Kg	☼	10/11/25 10:48	10/11/25 23:26	1
1,1-Dichloroethane	0.00080	U	0.00080	0.00048	mg/Kg	☼	10/11/25 10:48	10/11/25 23:26	1
1,1-Dichloroethene	0.00080	U	0.00080	0.00018	mg/Kg	☼	10/11/25 10:48	10/11/25 23:26	1
1,2,3-Trichlorobenzene	0.00080	U	0.00080	0.00059	mg/Kg	☼	10/11/25 10:48	10/11/25 23:26	1
1,2,4-Trichlorobenzene	0.00080	U	0.00080	0.00029	mg/Kg	☼	10/11/25 10:48	10/11/25 23:26	1
1,2,4-Trimethylbenzene	0.00080	U	0.00080	0.00020	mg/Kg	☼	10/11/25 10:48	10/11/25 23:26	1
1,2-Dibromo-3-Chloropropane	0.00080	U	0.00080	0.00037	mg/Kg	☼	10/11/25 10:48	10/11/25 23:26	1
1,2-Dichlorobenzene	0.00080	U	0.00080	0.00029	mg/Kg	☼	10/11/25 10:48	10/11/25 23:26	1
1,2-Dichloroethane	0.00080	U	0.00080	0.00024	mg/Kg	☼	10/11/25 10:48	10/11/25 23:26	1
1,2-Dichloropropane	0.00080	U	0.00080	0.00034	mg/Kg	☼	10/11/25 10:48	10/11/25 23:26	1
1,3,5-Trimethylbenzene	0.00080	U	0.00080	0.00025	mg/Kg	☼	10/11/25 10:48	10/11/25 23:26	1
1,3-Dichlorobenzene	0.00080	U	0.00080	0.00029	mg/Kg	☼	10/11/25 10:48	10/11/25 23:26	1
1,4-Dichlorobenzene	0.00080	U	0.00080	0.00042	mg/Kg	☼	10/11/25 10:48	10/11/25 23:26	1
2-Butanone (MEK)	0.0040	U	0.0040	0.00030	mg/Kg	☼	10/11/25 10:48	10/11/25 23:26	1
2-Hexanone	0.0040	U	0.0040	0.0014	mg/Kg	☼	10/11/25 10:48	10/11/25 23:26	1
4-Methyl-2-pentanone (MIBK)	0.0040	U	0.0040	0.0012	mg/Kg	☼	10/11/25 10:48	10/11/25 23:26	1
Acetone	0.0048	U	0.0048	0.0046	mg/Kg	☼	10/11/25 10:48	10/11/25 23:26	1
Benzene	0.00080	U	0.00080	0.00046	mg/Kg	☼	10/11/25 10:48	10/11/25 23:26	1
Bromoform	0.00080	U	0.00080	0.00034	mg/Kg	☼	10/11/25 10:48	10/11/25 23:26	1
Bromomethane	0.0016	U	0.0016	0.00080	mg/Kg	☼	10/11/25 10:48	10/11/25 23:26	1
Carbon disulfide	0.00080	U	0.00080	0.00021	mg/Kg	☼	10/11/25 10:48	10/11/25 23:26	1
Carbon tetrachloride	0.00080	U	0.00080	0.00031	mg/Kg	☼	10/11/25 10:48	10/11/25 23:26	1
Chlorobenzene	0.00080	U	0.00080	0.00041	mg/Kg	☼	10/11/25 10:48	10/11/25 23:26	1
Chlorobromomethane	0.00080	U	0.00080	0.00048	mg/Kg	☼	10/11/25 10:48	10/11/25 23:26	1
Chlorodibromomethane	0.00080	U	0.00080	0.00043	mg/Kg	☼	10/11/25 10:48	10/11/25 23:26	1
Chloroethane	0.00080	U	0.00080	0.00042	mg/Kg	☼	10/11/25 10:48	10/11/25 23:26	1
Chloroform	0.00080	U	0.00080	0.00078	mg/Kg	☼	10/11/25 10:48	10/11/25 23:26	1
Chloromethane	0.00080	U	0.00080	0.00035	mg/Kg	☼	10/11/25 10:48	10/11/25 23:26	1
cis-1,2-Dichloroethene	0.00080	U	0.00080	0.00029	mg/Kg	☼	10/11/25 10:48	10/11/25 23:26	1
cis-1,3-Dichloropropene	0.00080	U	0.00080	0.00022	mg/Kg	☼	10/11/25 10:48	10/11/25 23:26	1
Cyclohexane	0.00080	U	0.00080	0.00018	mg/Kg	☼	10/11/25 10:48	10/11/25 23:26	1
Dichlorobromomethane	0.00080	U	0.00080	0.00021	mg/Kg	☼	10/11/25 10:48	10/11/25 23:26	1
Dichlorodifluoromethane	0.00080	U	0.00080	0.00027	mg/Kg	☼	10/11/25 10:48	10/11/25 23:26	1
Ethylbenzene	0.00080	U	0.00080	0.00038	mg/Kg	☼	10/11/25 10:48	10/11/25 23:26	1
Ethylene Dibromide	0.00080	U	0.00080	0.00040	mg/Kg	☼	10/11/25 10:48	10/11/25 23:26	1
Isopropylbenzene	0.00080	U	0.00080	0.00023	mg/Kg	☼	10/11/25 10:48	10/11/25 23:26	1
Methyl acetate	0.0040	U	0.0040	0.0035	mg/Kg	☼	10/11/25 10:48	10/11/25 23:26	1
Methyl tert-butyl ether	0.00080	U	0.00080	0.00041	mg/Kg	☼	10/11/25 10:48	10/11/25 23:26	1
Methylcyclohexane	0.00080	U	0.00080	0.00040	mg/Kg	☼	10/11/25 10:48	10/11/25 23:26	1
Methylene Chloride	0.0016	U	0.0016	0.00092	mg/Kg	☼	10/11/25 10:48	10/11/25 23:26	1
m-Xylene & p-Xylene	0.00080	U	0.00080	0.00034	mg/Kg	☼	10/11/25 10:48	10/11/25 23:26	1
n-Butylbenzene	0.00080	U	0.00080	0.00024	mg/Kg	☼	10/11/25 10:48	10/11/25 23:26	1
N-Propylbenzene	0.00080	U	0.00080	0.00036	mg/Kg	☼	10/11/25 10:48	10/11/25 23:26	1
o-Xylene	0.00080	U	0.00080	0.00037	mg/Kg	☼	10/11/25 10:48	10/11/25 23:26	1
sec-Butylbenzene	0.00080	U	0.00080	0.00023	mg/Kg	☼	10/11/25 10:48	10/11/25 23:26	1
Styrene	0.00080	U	0.00080	0.00022	mg/Kg	☼	10/11/25 10:48	10/11/25 23:26	1

Client Sample ID: 3D3_9-10

Lab Sample ID: 460-336761-89

Date Collected: 10/08/25 14:50
Matrix: Solid
Date Received: 10/08/25 17:00
Percent Solids: 93.6

Method: SW846 8260D - Volatile Organic Compounds by GC/MS (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
tert-Butylbenzene	0.00080	U	0.00080	0.00022	mg/Kg	☼	10/11/25 10:48	10/11/25 23:26	1
Tetrachloroethene	0.00080	U	0.00080	0.00025	mg/Kg	☼	10/11/25 10:48	10/11/25 23:26	1
Toluene	0.00080	U	0.00080	0.00019	mg/Kg	☼	10/11/25 10:48	10/11/25 23:26	1
trans-1,2-Dichloroethene	0.00080	U	0.00080	0.00020	mg/Kg	☼	10/11/25 10:48	10/11/25 23:26	1
trans-1,3-Dichloropropene	0.00080	U	0.00080	0.00021	mg/Kg	☼	10/11/25 10:48	10/11/25 23:26	1
Trichloroethene	0.00080	U	0.00080	0.00026	mg/Kg	☼	10/11/25 10:48	10/11/25 23:26	1
Trichlorofluoromethane	0.00080	U	0.00080	0.00033	mg/Kg	☼	10/11/25 10:48	10/11/25 23:26	1
Vinyl chloride	0.00080	U	0.00080	0.00044	mg/Kg	☼	10/11/25 10:48	10/11/25 23:26	1
Xylenes, Total	0.0016	U	0.0016	0.00014	mg/Kg	☼	10/11/25 10:48	10/11/25 23:26	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,2-Dichloroethane-d4 (Surr)	*111*		*65 - 138*	*10/11/25 10:48*	*10/11/25 23:26*	*1*
4-Bromofluorobenzene	*102*		*71 - 128*	*10/11/25 10:48*	*10/11/25 23:26*	*1*
Dibromofluoromethane (Surr)	*124*		*50 - 150*	*10/11/25 10:48*	*10/11/25 23:26*	*1*
Toluene-d8 (Surr)	*92*		*71 - 126*	*10/11/25 10:48*	*10/11/25 23:26*	*1*

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Percent Moisture (EPA Moisture)	**6.4**		1.0	1.0	%			10/12/25 18:39	1
Percent Solids (EPA Moisture)	**93.6**		1.0	1.0	%			10/12/25 18:39	1

Client Sample ID: 3D1_11-12

Lab Sample ID: 460-336761-90

Date Collected: 10/08/25 14:55
Matrix: Solid
Date Received: 10/08/25 17:00
Percent Solids: 83.5

Method: SW846 8260D - Volatile Organic Compounds by GC/MS

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1-Trichloroethane	0.0011	U	0.0011	0.00026	mg/Kg	☼	10/11/25 10:48	10/11/25 23:49	1
1,1,2,2-Tetrachloroethane	0.0011	U	0.0011	0.00059	mg/Kg	☼	10/11/25 10:48	10/11/25 23:49	1
1,1,2-Trichloro-1,2,2-trifluoroethane	0.0011	U	0.0011	0.00034	mg/Kg	☼	10/11/25 10:48	10/11/25 23:49	1
1,1,2-Trichloroethane	0.0011	U	0.0011	0.00068	mg/Kg	☼	10/11/25 10:48	10/11/25 23:49	1
1,1-Dichloroethane	0.0011	U	0.0011	0.00067	mg/Kg	☼	10/11/25 10:48	10/11/25 23:49	1
1,1-Dichloroethene	0.0011	U	0.0011	0.00025	mg/Kg	☼	10/11/25 10:48	10/11/25 23:49	1
1,2,3-Trichlorobenzene	0.0011	U	0.0011	0.00083	mg/Kg	☼	10/11/25 10:48	10/11/25 23:49	1
1,2,4-Trichlorobenzene	0.0011	U	0.0011	0.00040	mg/Kg	☼	10/11/25 10:48	10/11/25 23:49	1
1,2,4-Trimethylbenzene	0.0011	U	0.0011	0.00028	mg/Kg	☼	10/11/25 10:48	10/11/25 23:49	1
1,2-Dibromo-3-Chloropropane	0.0011	U	0.0011	0.00052	mg/Kg	☼	10/11/25 10:48	10/11/25 23:49	1
1,2-Dichlorobenzene	0.0011	U	0.0011	0.00041	mg/Kg	☼	10/11/25 10:48	10/11/25 23:49	1
1,2-Dichloroethane	0.0011	U	0.0011	0.00033	mg/Kg	☼	10/11/25 10:48	10/11/25 23:49	1
1,2-Dichloropropane	0.0011	U	0.0011	0.00048	mg/Kg	☼	10/11/25 10:48	10/11/25 23:49	1
1,3,5-Trimethylbenzene	0.0011	U	0.0011	0.00035	mg/Kg	☼	10/11/25 10:48	10/11/25 23:49	1
1,3-Dichlorobenzene	0.0011	U	0.0011	0.00041	mg/Kg	☼	10/11/25 10:48	10/11/25 23:49	1
1,4-Dichlorobenzene	0.0011	U	0.0011	0.00059	mg/Kg	☼	10/11/25 10:48	10/11/25 23:49	1
2-Butanone (MEK)	0.0056	U	0.0056	0.00042	mg/Kg	☼	10/11/25 10:48	10/11/25 23:49	1
2-Hexanone	0.0056	U	0.0056	0.0019	mg/Kg	☼	10/11/25 10:48	10/11/25 23:49	1
4-Methyl-2-pentanone (MIBK)	0.0056	U	0.0056	0.0018	mg/Kg	☼	10/11/25 10:48	10/11/25 23:49	1
Acetone	0.0068	U	0.0068	0.0065	mg/Kg	☼	10/11/25 10:48	10/11/25 23:49	1
Benzene	0.0011	U	0.0011	0.00064	mg/Kg	☼	10/11/25 10:48	10/11/25 23:49	1
Bromoform	0.0011	U	0.0011	0.00048	mg/Kg	☼	10/11/25 10:48	10/11/25 23:49	1
Bromomethane	0.0023	U	0.0023	0.0011	mg/Kg	☼	10/11/25 10:48	10/11/25 23:49	1

Client Sample ID: 3D1_11-12
Date Collected: 10/08/25 14:55
Date Received: 10/08/25 17:00

Lab Sample ID: 460-336761-90
Matrix: Solid
Percent Solids: 83.5

Method: SW846 8260D - Volatile Organic Compounds by GC/MS (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Carbon disulfide	0.0011	U	0.0011	0.00030	mg/Kg	☼	10/11/25 10:48	10/11/25 23:49	1
Carbon tetrachloride	0.0011	U	0.0011	0.00044	mg/Kg	☼	10/11/25 10:48	10/11/25 23:49	1
Chlorobenzene	0.0011	U	0.0011	0.00057	mg/Kg	☼	10/11/25 10:48	10/11/25 23:49	1
Chlorobromomethane	0.0011	U	0.0011	0.00067	mg/Kg	☼	10/11/25 10:48	10/11/25 23:49	1
Chlorodibromomethane	0.0011	U	0.0011	0.00061	mg/Kg	☼	10/11/25 10:48	10/11/25 23:49	1
Chloroethane	0.0011	U	0.0011	0.00059	mg/Kg	☼	10/11/25 10:48	10/11/25 23:49	1
Chloroform	0.0011	U	0.0011	0.0011	mg/Kg	☼	10/11/25 10:48	10/11/25 23:49	1
Chloromethane	0.0011	U	0.0011	0.00049	mg/Kg	☼	10/11/25 10:48	10/11/25 23:49	1
cis-1,2-Dichloroethene	0.0011	U	0.0011	0.00040	mg/Kg	☼	10/11/25 10:48	10/11/25 23:49	1
cis-1,3-Dichloropropene	0.0011	U	0.0011	0.00031	mg/Kg	☼	10/11/25 10:48	10/11/25 23:49	1
Cyclohexane	0.0011	U	0.0011	0.00025	mg/Kg	☼	10/11/25 10:48	10/11/25 23:49	1
Dichlorobromomethane	0.0011	U	0.0011	0.00029	mg/Kg	☼	10/11/25 10:48	10/11/25 23:49	1
Dichlorodifluoromethane	0.0011	U	0.0011	0.00038	mg/Kg	☼	10/11/25 10:48	10/11/25 23:49	1
Ethylbenzene	0.0011	U	0.0011	0.00053	mg/Kg	☼	10/11/25 10:48	10/11/25 23:49	1
Ethylene Dibromide	0.0011	U	0.0011	0.00057	mg/Kg	☼	10/11/25 10:48	10/11/25 23:49	1
Isopropylbenzene	0.0011	U	0.0011	0.00032	mg/Kg	☼	10/11/25 10:48	10/11/25 23:49	1
Methyl acetate	0.0056	U	0.0056	0.0049	mg/Kg	☼	10/11/25 10:48	10/11/25 23:49	1
Methyl tert-butyl ether	0.0011	U	0.0011	0.00058	mg/Kg	☼	10/11/25 10:48	10/11/25 23:49	1
Methylcyclohexane	0.0011	U	0.0011	0.00056	mg/Kg	☼	10/11/25 10:48	10/11/25 23:49	1
Methylene Chloride	0.0023	U	0.0023	0.0013	mg/Kg	☼	10/11/25 10:48	10/11/25 23:49	1
m-Xylene & p-Xylene	0.0011	U	0.0011	0.00048	mg/Kg	☼	10/11/25 10:48	10/11/25 23:49	1
n-Butylbenzene	0.0011	U	0.0011	0.00033	mg/Kg	☼	10/11/25 10:48	10/11/25 23:49	1
N-Propylbenzene	0.0011	U	0.0011	0.00051	mg/Kg	☼	10/11/25 10:48	10/11/25 23:49	1
o-Xylene	0.0011	U	0.0011	0.00052	mg/Kg	☼	10/11/25 10:48	10/11/25 23:49	1
sec-Butylbenzene	0.0011	U	0.0011	0.00033	mg/Kg	☼	10/11/25 10:48	10/11/25 23:49	1
Styrene	0.0011	U	0.0011	0.00031	mg/Kg	☼	10/11/25 10:48	10/11/25 23:49	1
tert-Butylbenzene	0.0011	U	0.0011	0.00031	mg/Kg	☼	10/11/25 10:48	10/11/25 23:49	1
Tetrachloroethene	0.0011	U	0.0011	0.00034	mg/Kg	☼	10/11/25 10:48	10/11/25 23:49	1
Toluene	**0.00055**	**J**	0.0011	0.00026	mg/Kg	☼	10/11/25 10:48	10/11/25 23:49	1
trans-1,2-Dichloroethene	0.0011	U	0.0011	0.00028	mg/Kg	☼	10/11/25 10:48	10/11/25 23:49	1
trans-1,3-Dichloropropene	0.0011	U	0.0011	0.00030	mg/Kg	☼	10/11/25 10:48	10/11/25 23:49	1
Trichloroethene	0.0011	U	0.0011	0.00036	mg/Kg	☼	10/11/25 10:48	10/11/25 23:49	1
Trichlorofluoromethane	0.0011	U	0.0011	0.00046	mg/Kg	☼	10/11/25 10:48	10/11/25 23:49	1
Vinyl chloride	0.0011	U	0.0011	0.00062	mg/Kg	☼	10/11/25 10:48	10/11/25 23:49	1
Xylenes, Total	0.0023	U	0.0023	0.00020	mg/Kg	☼	10/11/25 10:48	10/11/25 23:49	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,2-Dichloroethane-d4 (Surr)	*112*		*65 - 138*	*10/11/25 10:48*	*10/11/25 23:49*	*1*
4-Bromofluorobenzene	*101*		*71 - 128*	*10/11/25 10:48*	*10/11/25 23:49*	*1*
Dibromofluoromethane (Surr)	*122*		*50 - 150*	*10/11/25 10:48*	*10/11/25 23:49*	*1*
Toluene-d8 (Surr)	*93*		*71 - 126*	*10/11/25 10:48*	*10/11/25 23:49*	*1*

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Percent Moisture (EPA Moisture)	**16.5**		1.0	1.0	%			10/12/25 18:39	1
Percent Solids (EPA Moisture)	**83.5**		1.0	1.0	%			10/12/25 18:39	1

Surrogate Summary

Client: Haley & Aldrich, Inc.
Project/Site: Former Port Mobil

Job ID: 460-336761-1

Method: 8260D - Volatile Organic Compounds by GC/MS

Matrix: Solid

Prep Type: Total/NA

		Percent Surrogate Recovery (Acceptance Limits)			
		DCA	BFB	DBFM	TOL
Lab Sample ID	Client Sample ID	(65-138)	(71-128)	(50-150)	(71-126)
460-336761-21	49C1_1-2	90	93	99	100
460-336761-22	49C2_2-3	115	101	128	92
460-336761-23	49C3_3-4	88	99	98	100
460-336761-24	49C1_5-6	87	95	98	100
460-336761-25	49C2_7-8	87	93	97	100
460-336761-26	49C3_8-9	86	96	96	100
460-336761-27	49C1_9-10	86	93	97	99
460-336761-28	49D1_1-2	88	94	99	100
460-336761-29	49D2_2-3	87	96	98	102
460-336761-30	49D3_3-4	86	97	96	102
460-336761-31	49D1_4-5	87	95	97	100
460-336761-32	49D2_5-6	87	94	100	100
460-336761-33	49D3_6-7	88	95	98	101
460-336761-34	49D1_7-8	84	95	97	99
460-336761-35	5A1_1-2	85	94	97	99
460-336761-36	5A2_2-3	87	94	97	100
460-336761-37	5A3_4-5	85	94	95	99
460-336761-38	5A1_5-6	86	95	98	100
460-336761-39	5A2_7-8	88	95	98	100
460-336761-40	5A3_8-9	87	92	97	100
460-336761-41	5A1_9-10	88	94	99	100
460-336761-42	5B1_1-2	87	95	98	99
460-336761-43	5B2_2-3	86	95	96	100
460-336761-44	5B3_3-4	86	93	96	100
460-336761-45	5B1_5-6	85	93	96	99
460-336761-46	5B2_6-7	86	93	97	99
460-336761-47	5B3_8-9	87	95	97	100
460-336761-48	5B2_9-10	85	94	96	100
460-336761-49	5C1_1-2	87	92	97	99
460-336761-50	5C2_3-4	86	92	97	99
460-336761-51	5C3_4-5	86	95	99	100
460-336761-52	5C1_5-6	86	95	98	100
460-336761-53	5C2_6-7	85	94	98	100
460-336761-54	5C3_8-9	85	93	97	99
460-336761-55	5C3_9-10	86	95	97	100
460-336761-56	5D1_1-2	85	95	97	100
460-336761-57	5D2_3-4	85	93	96	100
460-336761-58	5D3_4-5	86	94	98	101
460-336761-59	5D1_5-6	85	98	98	102
460-336761-60	5D2_7-8	84	97	96	101
460-336761-61	5D3_8-9	85	93	98	99
460-336761-62	5D2_9-10	85	94	97	100
460-336761-63	5E1_1-2	86	95	99	100
460-336761-64	5E2_3-4	85	95	98	100
460-336761-65	5E3_4-5	87	93	98	99
460-336761-66	5E1_6-7	86	97	98	100
460-336761-67	5E2_7-8	85	95	97	100
460-336761-68	5E3_8-9	86	95	97	100
460-336761-69	5E1_9-10	87	92	97	99

Surrogate Summary

Client: Haley & Aldrich, Inc.
Project/Site: Former Port Mobil

Job ID: 460-336761-1

Method: 8260D - Volatile Organic Compounds by GC/MS (Continued)

Matrix: Solid

Prep Type: Total/NA

		Percent Surrogate Recovery (Acceptance Limits)			
		DCA	BFB	DBFM	TOL
Lab Sample ID	Client Sample ID	(65-138)	(71-128)	(50-150)	(71-126)
460-336761-70	3B1_1-2	91	96	99	100
460-336761-71	3B2_2-3	85	94	99	99
460-336761-72	3B3_4-5	87	95	99	99
460-336761-73	3B1_6-7	86	94	97	99
460-336761-74	3B2_8-9	86	98	98	100
460-336761-75	3B3_10-11	88	102	99	101
460-336761-76	3B3_11-12	109	101	115	94
460-336761-77	3C1_1-2	113	101	125	93
460-336761-78	3C2_2-3	113	101	120	92
460-336761-79	3C3_4-5	114	102	126	92
460-336761-80	3C1_5-6	115	102	122	92
460-336761-81	3C2_7-8	109	102	121	93
460-336761-82	3C3_9-10	111	102	121	92
460-336761-83	3C1_10-11	114	103	124	93
460-336761-84	3D1_1-2	116	100	127	93
460-336761-85	3D2_3-4	112	101	124	92
460-336761-86	3D3_5-6	111	102	118	94
460-336761-87	3D1_6-7	111	102	122	92
460-336761-88	3D2_7-8	116	102	127	92
460-336761-89	3D3_9-10	111	102	124	92
460-336761-90	3D1_11-12	112	101	122	93
LCS 460-1067680/3	Lab Control Sample	80	95	90	100
LCS 460-1067682/3	Lab Control Sample	79	95	92	97
LCS 460-1067700/3	Lab Control Sample	80	96	92	98
LCS 460-1067702/3	Lab Control Sample	97	103	100	94
LCS 460-1067930/3	Lab Control Sample	81	96	92	97
LCS 460-1067931/3	Lab Control Sample	92	104	94	96
LCS 460-1067947/3	Lab Control Sample	80	95	92	97
LCS 460-1068587/3	Lab Control Sample	81	96	93	96
LCSD 460-1067680/4	Lab Control Sample Dup	79	96	90	98
LCSD 460-1067682/4	Lab Control Sample Dup	81	94	91	98
LCSD 460-1067700/4	Lab Control Sample Dup	80	95	92	98
LCSD 460-1067702/4	Lab Control Sample Dup	95	104	100	94
LCSD 460-1067930/4	Lab Control Sample Dup	80	96	91	99
LCSD 460-1067931/4	Lab Control Sample Dup	92	103	90	95
LCSD 460-1067947/4	Lab Control Sample Dup	80	94	91	97
LCSD 460-1068587/4	Lab Control Sample Dup	80	97	91	98
MB 460-1067680/7	Method Blank	88	92	98	99
MB 460-1067682/7	Method Blank	81	92	93	99
MB 460-1067700/7	Method Blank	82	91	96	99
MB 460-1067702/7	Method Blank	104	101	119	93
MB 460-1067930/7	Method Blank	86	90	98	97
MB 460-1067931/6	Method Blank	109	101	118	95
MB 460-1067947/7	Method Blank	86	92	98	97
MB 460-1068587/7	Method Blank	88	91	97	99

Surrogate Legend

DCA = 1,2-Dichloroethane-d4 (Surr)
BFB = 4-Bromofluorobenzene
DBFM = Dibromofluoromethane (Surr)

Surrogate Summary

Client: Haley & Aldrich, Inc.
Project/Site: Former Port Mobil

Job ID: 460-336761-1

TOL = Toluene-d8 (Surr)

Method: 8270E - Semivolatile Organic Compounds (GC/MS)

Matrix: Solid **Prep Type: Total/NA**

		Percent Surrogate Recovery (Acceptance Limits)					
		TBP	FBP	2FP	NBZ	PHL	TPHL
Lab Sample ID	Client Sample ID	(18-137)	(33-117)	(24-120)	(27-120)	(28-118)	(33-124)
460-336325-A-11-C MS	Matrix Spike	75	69	69	80	66	66
460-336325-A-11-D MSD	Matrix Spike Duplicate	71	65	65	75	62	63
460-336761-1	49C_0-5	78	69	75	71	70	77
460-336761-2	49C_5-10	76	68	73	68	69	75
460-336761-3	49D_0-5	78	69	73	69	69	74
460-336761-4	49D_5-10	75	68	74	71	69	74
460-336761-5	5A_0-5	81	70	75	72	71	79
460-336761-6	5A_5-10	90	79	84	80	79	86
460-336761-7	5B_0-5	78	69	74	70	70	76
460-336761-8	5B_5-10	58	59	56	59	60	63
460-336761-9	5C_0-5	49	63	61	64	63	67
460-336761-10	5C_5-10	54	69	66	72	69	74
460-336761-11	5D_0-5	48	60	59	62	59	64
460-336761-12	5D_5-10	58	61	61	63	63	65
460-336761-13	5E_0-5	39	54	53	55	54	58
460-336761-14	5E_5-10	54	61	57	62	60	64
460-336761-15	3B_0-7	57	60	58	61	61	63
460-336761-16	3B_7-14	53	56	50	52	56	59
460-336761-17	3C_0-7	57	63	62	66	64	67
460-336761-18	3C_7-14	60	62	60	62	62	64
460-336761-19	3D_0-7	60	64	61	64	65	70
460-336761-20	3D_7-14	58	65	65	68	65	68
460-336854-E-4-A MS	Matrix Spike	39	43	42	45	44	40
460-336854-E-4-B MSD	Matrix Spike Duplicate	60	64	60	66	64	63
LCS 460-1067279/2-A	Lab Control Sample	75	70	77	73	74	71
LCS 460-1067311/2-A	Lab Control Sample	75	80	83	86	82	88
LCSD 460-1067279/3-A	Lab Control Sample Dup	75	71	76	73	74	71
LCSD 460-1067311/3-A	Lab Control Sample Dup	77	80	83	86	85	89
MB 460-1067279/1-A	Method Blank	90	83	89	87	84	89
MB 460-1067311/1-A	Method Blank	73	78	84	88	87	92

Surrogate Legend

TBP = 2,4,6-Tribromophenol (Surr)
FBP = 2-Fluorobiphenyl
2FP = 2-Fluorophenol (Surr)
NBZ = Nitrobenzene-d5 (Surr)
PHL = Phenol-d5 (Surr)
TPHL = Terphenyl-d14 (Surr)

Method: 8081B - Organochlorine Pesticides (GC)

Matrix: Solid **Prep Type: Total/NA**

		Percent Surrogate Recovery (Acceptance Limits)			
		DCBP1	DCBP2	TCX1	TCX2
Lab Sample ID	Client Sample ID	(10-150)	(10-150)	(14-150)	(14-150)
460-336761-1	49C_0-5	105	98	85	101
460-336761-1 MS	49C_0-5	89	87	75	86
460-336761-1 MSD	49C_0-5	102	97	85	93
460-336761-2	49C_5-10	107	101	87	92

Method: 8081B - Organochlorine Pesticides (GC) (Continued)

Matrix: Solid **Prep Type: Total/NA**

		Percent Surrogate Recovery (Acceptance Limits)			
		DCBP1	DCBP2	TCX1	TCX2
Lab Sample ID	Client Sample ID	(10-150)	(10-150)	(14-150)	(14-150)
460-336761-3	49D_0-5	113	119	94	109
460-336761-4	49D_5-10	119	116	97	113
460-336761-5	5A_0-5	128	129	102	112
460-336761-6	5A_5-10	113	114	93	96
460-336761-7	5B_0-5	116	118	96	98
460-336761-8	5B_5-10	127	125	101	112
460-336761-9	5C_0-5	126	125	107	109
460-336761-10	5C_5-10	133	132	110	113
460-336761-11	5D_0-5	126	123	98	98
460-336761-12	5D_5-10	125	133	104	108
460-336761-13	5E_0-5	120	123	99	109
460-336761-14	5E_5-10	119	121	99	108
460-336761-15	3B_0-7	109	110	92	94
460-336761-16	3B_7-14	112	113	94	95
460-336761-17	3C_0-7	129	124	103	116
460-336761-18	3C_7-14	121	118	95	99
460-336761-19	3D_0-7	130	127	103	111
460-336761-20	3D_7-14	118	123	96	101
LCS 460-1067152/2-A	Lab Control Sample	104	105	89	88
LCSD 460-1067152/3-A	Lab Control Sample Dup	97	98	82	79
MB 460-1067152/1-A	Method Blank	115	112	96	114

Surrogate Legend

DCBP = DCB Decachlorobiphenyl

TCX = Tetrachloro-m-xylene

Method: 8082A - Polychlorinated Biphenyls (PCBs) by Gas Chromatography

Matrix: Solid **Prep Type: Total/NA**

		Percent Surrogate Recovery (Acceptance Limits)			
		DCBP1	DCBP2	TCX1	TCX2
Lab Sample ID	Client Sample ID	(10-150)	(10-150)	(10-150)	(10-150)
460-336761-1	49C_0-5	113	105	94	90
460-336761-1 MS	49C_0-5	91	83	74	69
460-336761-1 MSD	49C_0-5	97	93	84	84
460-336761-2	49C_5-10	112	108	91	90
460-336761-3	49D_0-5	120	110	99	93
460-336761-4	49D_5-10	126	119	105	103
460-336761-5	5A_0-5	130	116	109	102
460-336761-6	5A_5-10	119	109	100	95
460-336761-7	5B_0-5	120	110	101	95
460-336761-8	5B_5-10	136	124	110	106
460-336761-9	5C_0-5	130	119	106	101
460-336761-10	5C_5-10	138	123	114	107
460-336761-11	5D_0-5	138	127	113	109
460-336761-12	5D_5-10	134	120	109	103
460-336761-13	5E_0-5	121	108	100	95
460-336761-14	5E_5-10	136	123	110	105
460-336761-15	3B_0-7	120	108	99	95
460-336761-16	3B_7-14	115	100	92	86
460-336761-17	3C_0-7	135	120	108	102

Surrogate Summary

Client: Haley & Aldrich, Inc.
Job ID: 460-336761-1
Project/Site: Former Port Mobil

Method: 8082A - Polychlorinated Biphenyls (PCBs) by Gas Chromatography (Continued)

Matrix: Solid **Prep Type: Total/NA**

		Percent Surrogate Recovery (Acceptance Limits)			
Lab Sample ID	Client Sample ID	DCBP1 (10-150)	DCBP2 (10-150)	TCX1 (10-150)	TCX2 (10-150)
460-336761-18	3C_7-14	132	117	105	98
460-336761-19	3D_0-7	131	120	108	105
460-336761-20	3D_7-14	132	115	106	98
LCS 460-1067144/2-A	Lab Control Sample	105	99	83	83
LCSD 460-1067144/3-A	Lab Control Sample Dup	106	91	85	74
MB 460-1067144/1-A	Method Blank	104	97	85	82

Surrogate Legend

DCBP = DCB Decachlorobiphenyl

TCX = Tetrachloro-m-xylene

Isotope Dilution Summary

Client: Haley & Aldrich, Inc.
Project/Site: Former Port Mobil

Job ID: 460-336761-1

Method: 1633A - Per- and Polyfluoroalkyl Substances by LC/MS/MS, 1633A

Matrix: Solid **Prep Type: Total/NA**

		Percent Isotope Dilution Recovery (Acceptance Limits)							
Lab Sample ID	Client Sample ID	PFBA (8-130)	PFPeA (35-130)	13C5PHA (40-130)	C4PFHA (40-130)	C8PFOA (40-130)	C9PFNA (40-130)	C6PFDA (40-130)	13C7PUA (40-130)
460-336761-1	49C_0-5	83.4	92.4	83.8	91.9	83.6	91.2	82.6	77.7
460-336761-2	49C_5-10	91.7	97.8	93.0	98.3	87.1	100	92.9	87.6
460-336761-3	49D_0-5	95.3	101	90.7	102	90.7	101	88.6	76.3
460-336761-3 - DL	49D_0-5								
460-336761-4	49D_5-10	95.3	100	91.7	105	95.4	100	91.8	83.1
460-336761-5	5A_0-5	85.8	93.3	78.9	92.1	83.2	87.9	81.7	80.3
460-336761-6	5A_5-10	71.5	74.2	68.7	76.8	70.0	77.3	71.2	67.4
460-336761-7	5B_0-5	85.5	92.8	84.6	95.1	88.4	95.4	83.9	82.5
460-336761-8	5B_5-10	89.9	102	84.9	94.3	86.5	98.9	88.3	87.6
460-336761-9	5C_0-5	85.2	83.2	86.9	91.0	85.3	76.8	82.6	84.0
460-336761-10	5C_5-10	88.4	86.7	87.1	99.0	88.2	96.6	88.1	86.6
460-336761-11	5D_0-5	82.0	79.0	81.1	89.3	84.5	85.1	77.5	82.6
460-336761-12	5D_5-10	82.7	79.9	82.8	85.9	78.1	66.3	47.2	40.2
460-336761-13	5E_0-5	83.7	82.9	82.3	86.5	85.2	90.4	88.5	91.6
460-336761-14	5E_5-10	81.2	79.5	80.1	84.4	78.1	86.5	82.4	79.4
460-336761-15	3B_0-7	82.8	80.3	84.5	87.0	86.1	89.7	83.9	82.9
460-336761-16	3B_7-14	82.9	83.7	86.7	91.3	86.7	85.2	83.5	76.1
460-336761-17	3C_0-7	81.3	80.3	84.0	86.0	83.7	81.0	80.6	83.5
460-336761-18	3C_7-14	76.9	74.6	76.1	81.9	77.9	80.7	70.5	73.7
460-336761-19	3D_0-7	82.3	81.4	85.3	87.7	80.5	85.5	78.1	83.2
460-336761-20	3D_7-14	85.1	87.6	85.8	95.5	81.9	83.6	82.9	90.1
LCS 410-714115/2-A	Lab Control Sample	72.8	79.1	80.4	88.4	78.7	77.1	75.3	78.3
LCS 410-714441/2-A	Lab Control Sample	93.7	94.7	101	95.6	93.1	90.3	86.2	78.7
LCSD 410-714115/3-A	Lab Control Sample Dup	76.4	76.5	78.9	87.3	77.3	76.3	75.2	69.4
LCSD 410-714441/3-A	Lab Control Sample Dup	95.3	96.8	98.9	102	95.6	92.9	89.7	89.3
LLCS 410-714115/4-A	Lab Control Sample	81.4	82.8	86.3	90.4	82.9	83.4	76.7	73.5
LLCS 410-714441/4-A	Lab Control Sample	92.3	97.2	97.8	100	93.5	93.1	97.8	89.9
MB 410-714115/1-A	Method Blank	69.6	67.1	70.2	74.0	69.4	70.4	60.0	66.0
MB 410-714441/1-A	Method Blank	99.2	97.7	104	99.6	98.6	94.4	94.0	83.5

		Percent Isotope Dilution Recovery (Acceptance Limits)							
Lab Sample ID	Client Sample ID	PFTDA (20-130)	C3PFBS (40-135)	C3PFHS (40-130)	C8PFOS (40-130)	PFOSA (40-130)	d3NMFOS (40-135)	d5NEFOS (40-150)	M242FTS (40-165)
460-336761-1	49C_0-5	62.3	82.0	87.4	85.5	82.9	71.8	67.8	92.5
460-336761-2	49C_5-10	68.0	89.1	92.7	101	88.1	83.6	78.9	102
460-336761-3	49D_0-5	67.2	89.0	94.2	96.5	83.8	72.8	65.4	92.3
460-336761-3 - DL	49D_0-5								
460-336761-4	49D_5-10	66.1	94.7	95.9	101	92.8	84.2	76.3	93.9
460-336761-5	5A_0-5	59.3	82.2	82.7	88.0	80.7	73.1	69.6	92.2
460-336761-6	5A_5-10	56.8	67.3	70.4	74.5	68.3	64.3	63.8	74.5
460-336761-7	5B_0-5	55.8	85.6	88.9	89.8	87.7	74.8	71.6	97.5
460-336761-8	5B_5-10	69.2	86.6	90.0	95.0	88.8	86.1	84.8	90.9
460-336761-9	5C_0-5	79.6	85.4	84.1	79.1	70.1	82.1	84.3	116
460-336761-10	5C_5-10	80.9	82.2	81.3	86.0	75.3	91.0	94.4	109
460-336761-11	5D_0-5	75.1	82.0	80.1	79.0	73.5	88.2	94.3	197 *
460-336761-12	5D_5-10	37.4	77.0	50.3	30.9 *	67.5	63.4	60.8	254 *
460-336761-13	5E_0-5	80.2	82.4	81.2	80.1	71.1	86.8	91.4	180 *
460-336761-14	5E_5-10	70.1	77.3	78.1	76.7	70.0	87.1	92.8	201 *
460-336761-15	3B_0-7	70.5	78.9	76.7	78.5	68.6	80.1	82.8	119
460-336761-16	3B_7-14	73.3	82.8	79.4	83.4	70.0	79.0	80.3	110

Isotope Dilution Summary

Client: Haley & Aldrich, Inc.
Project/Site: Former Port Mobil

Job ID: 460-336761-1

Method: 1633A - Per- and Polyfluoroalkyl Substances by LC/MS/MS, 1633A (Continued)

Matrix: Solid

Prep Type: Total/NA

		Percent Isotope Dilution Recovery (Acceptance Limits)							
Lab Sample ID	Client Sample ID	PFTDA (20-130)	C3PFBS (40-135)	C3PFHS (40-130)	C8PFOS (40-130)	PFOSA (40-130)	d3NMFOS (40-135)	d5NEFOS (40-150)	M242FTS (40-165)
460-336761-17	3C_0-7	84.4	77.4	79.2	76.9	73.5	86.9	92.8	191 *
460-336761-18	3C_7-14	70.3	72.9	71.9	69.8	66.7	86.2	89.9	191 *
460-336761-19	3D_0-7	54.5	81.9	80.4	80.6	69.0	68.1	66.6	121
460-336761-20	3D_7-14	80.4	81.5	81.1	82.4	73.0	82.3	88.1	129
LCS 410-714115/2-A	Lab Control Sample	46.8	76.6	76.3	75.9	67.4	75.7	79.4	76.9
LCS 410-714441/2-A	Lab Control Sample	50.4	90.2	98.8	85.2	83.6	74.8	77.1	96.0
LCSD 410-714115/3-A	Lab Control Sample Dup	34.7	77.3	73.0	55.4	65.4	72.9	84.0	80.4
LCSD 410-714441/3-A	Lab Control Sample Dup	65.7	88.8	96.1	87.3	88.9	81.0	80.4	92.6
LLCS 410-714115/4-A	Lab Control Sample	33.4	82.4	79.1	68.4	70.0	81.6	82.9	96.3
LLCS 410-714441/4-A	Lab Control Sample	62.1	89.0	94.7	84.3	86.3	76.3	74.2	92.4
MB 410-714115/1-A	Method Blank	37.8	70.8	66.8	61.0	56.8	61.1	71.2	71.8
MB 410-714441/1-A	Method Blank	55.4	96.6	98.9	85.7	88.3	82.9	83.4	103

		Percent Isotope Dilution Recovery (Acceptance Limits)							
Lab Sample ID	Client Sample ID	M262FTS (40-215)	M282FTS (40-275)	HFPODA (40-130)	NMFM (20-130)	NEFM (15-130)	d5NPFSA (10-130)	d3NMFSA (10-130)	PFDoA (40-130)
460-336761-1	49C_0-5	84.8	88.2	87.8	49.4	43.0	61.0	62.9	66.6
460-336761-2	49C_5-10	99.1	96.0	93.3	59.8	47.9	63.2	66.0	74.6
460-336761-3	49D_0-5	90.1		90.2	62.0	51.3	60.3	63.7	66.2
460-336761-3 - DL	49D_0-5		80.9						
460-336761-4	49D_5-10	91.1	91.3	94.9	47.8	40.3	70.1	70.7	75.8
460-336761-5	5A_0-5	82.4	81.7	84.7	38.4	30.8	64.0	65.7	70.9
460-336761-6	5A_5-10	69.8	76.0	74.7	41.2	33.6	56.2	56.6	61.3
460-336761-7	5B_0-5	93.0	90.7	86.0	54.1	43.7	67.0	70.5	74.3
460-336761-8	5B_5-10	91.9	103	89.9	58.1	50.6	69.5	71.5	78.9
460-336761-9	5C_0-5	108	90.4	88.2	69.0	61.7	64.7	71.7	81.9
460-336761-10	5C_5-10	105	94.8	87.1	72.0	61.9	69.5	75.2	84.7
460-336761-11	5D_0-5	171	126	80.0	70.3	59.7	60.1	68.6	77.9
460-336761-12	5D_5-10	218 *	120	76.7	61.5	44.9	38.7	50.5	37.1 *
460-336761-13	5E_0-5	151	108	82.3	57.2	45.9	66.0	70.3	80.3
460-336761-14	5E_5-10	170	123	81.8	60.4	53.5	63.0	68.3	74.0
460-336761-15	3B_0-7	113	88.9	83.7	56.7	51.8	63.6	69.6	77.2
460-336761-16	3B_7-14	104	89.2	90.7	63.4	50.0	67.1	73.1	77.0
460-336761-17	3C_0-7	169	123	79.6	60.7	51.8	65.3	70.6	80.5
460-336761-18	3C_7-14	162	112	77.6	61.6	49.9	60.2	64.5	71.6
460-336761-19	3D_0-7	105	84.1	85.1	63.0	48.9	61.6	68.4	73.9
460-336761-20	3D_7-14	118	96.2	85.9	56.6	46.8	66.7	73.7	81.7
LCS 410-714115/2-A	Lab Control Sample	81.3	70.8	83.2	53.0	40.7	69.1	71.8	65.6
LCS 410-714441/2-A	Lab Control Sample	97.6	94.4	97.9	51.4	39.4	60.1	69.2	73.1
LCSD 410-714115/3-A	Lab Control Sample Dup	85.0	69.9	81.2	59.8	44.7	56.0	62.8	53.2
LCSD 410-714441/3-A	Lab Control Sample Dup	100	92.6	98.5	56.5	51.2	64.3	74.4	85.2
LLCS 410-714115/4-A	Lab Control Sample	92.9	80.3	85.7	49.6	38.3	60.2	69.1	62.3
LLCS 410-714441/4-A	Lab Control Sample	99.7	89.5	100	63.0	47.0	51.7	60.6	78.7
MB 410-714115/1-A	Method Blank	74.4	63.4	75.3	45.4	32.3	47.1	52.1	52.6
MB 410-714441/1-A	Method Blank	107	104	103	58.3	41.7	63.2	74.0	76.6

Surrogate Legend

PFBA = 13C4 PFBA
PFPeA = 13C5 PFPeA
13C5PHA = 13C5 PFHxA
C4PFHA = 13C4 PFHpA

Isotope Dilution Summary

Client: Haley & Aldrich, Inc.
Project/Site: Former Port Mobil

Job ID: 460-336761-1

C8PFOA = 13C8 PFOA
C9PFNA = 13C9 PFNA
C6PFDA = 13C6 PFDA
13C7PUA = 13C7 PFUnA
PFTDA = 13C2 PFTeDA
C3PFBS = 13C3 PFBS
C3PFHS = 13C3 PFHxS
C8PFOS = 13C8 PFOS
PFOSA = 13C8 FOSA
d3NMFOS = d3-NMeFOSAA
d5NEFOS = d5-NEtFOSAA
M242FTS = 13C2 4:2 FTS
M262FTS = 13C2 6:2 FTS
M282FTS = 13C2 8:2 FTS
HFPODA = 13C3 HFPO-DA
NMFM = d7-N-MeFOSE-M
NEFM = d9-N-EtFOSE-M
d5NPFSA = d5-NEtPFOSA
d3NMFSA = d3-NMePFOSA
PFDoA = 13C2 PFDoA

Method: 8260D - Volatile Organic Compounds by GC/MS

Lab Sample ID: MB 460-1067680/7
Matrix: Solid
Analysis Batch: 1067680

Client Sample ID: Method Blank
Prep Type: Total/NA

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1-Trichloroethane	0.0010	U	0.0010	0.00023	mg/Kg			10/11/25 16:27	1
1,1,2,2-Tetrachloroethane	0.0010	U	0.0010	0.00052	mg/Kg			10/11/25 16:27	1
1,1,2-Trichloro-1,2,2-trifluoroethane	0.0010	U	0.0010	0.00030	mg/Kg			10/11/25 16:27	1
1,1,2-Trichloroethane	0.0010	U	0.0010	0.00060	mg/Kg			10/11/25 16:27	1
1,1-Dichloroethane	0.0010	U	0.0010	0.00060	mg/Kg			10/11/25 16:27	1
1,1-Dichloroethene	0.0010	U	0.0010	0.00023	mg/Kg			10/11/25 16:27	1
1,2,3-Trichlorobenzene	0.0010	U	0.0010	0.00074	mg/Kg			10/11/25 16:27	1
1,2,4-Trichlorobenzene	0.0010	U	0.0010	0.00036	mg/Kg			10/11/25 16:27	1
1,2,4-Trimethylbenzene	0.0010	U	0.0010	0.00025	mg/Kg			10/11/25 16:27	1
1,2-Dibromo-3-Chloropropane	0.0010	U	0.0010	0.00046	mg/Kg			10/11/25 16:27	1
1,2-Dichlorobenzene	0.0010	U	0.0010	0.00036	mg/Kg			10/11/25 16:27	1
1,2-Dichloroethane	0.0010	U	0.0010	0.00030	mg/Kg			10/11/25 16:27	1
1,2-Dichloropropane	0.0010	U	0.0010	0.00042	mg/Kg			10/11/25 16:27	1
1,3,5-Trimethylbenzene	0.0010	U	0.0010	0.00031	mg/Kg			10/11/25 16:27	1
1,3-Dichlorobenzene	0.0010	U	0.0010	0.00037	mg/Kg			10/11/25 16:27	1
1,4-Dichlorobenzene	0.0010	U	0.0010	0.00052	mg/Kg			10/11/25 16:27	1
2-Butanone (MEK)	0.0050	U	0.0050	0.00037	mg/Kg			10/11/25 16:27	1
2-Hexanone	0.0050	U	0.0050	0.0017	mg/Kg			10/11/25 16:27	1
4-Methyl-2-pentanone (MIBK)	0.0050	U	0.0050	0.0016	mg/Kg			10/11/25 16:27	1
Acetone	0.0060	U	0.0060	0.0057	mg/Kg			10/11/25 16:27	1
Benzene	0.0010	U	0.0010	0.00057	mg/Kg			10/11/25 16:27	1
Bromoform	0.0010	U	0.0010	0.00043	mg/Kg			10/11/25 16:27	1
Bromomethane	0.0020	U	0.0020	0.0010	mg/Kg			10/11/25 16:27	1
Carbon disulfide	0.0010	U	0.0010	0.00027	mg/Kg			10/11/25 16:27	1
Carbon tetrachloride	0.0010	U	0.0010	0.00039	mg/Kg			10/11/25 16:27	1
Chlorobenzene	0.0010	U	0.0010	0.00051	mg/Kg			10/11/25 16:27	1
Chlorobromomethane	0.0010	U	0.0010	0.00060	mg/Kg			10/11/25 16:27	1
Chlorodibromomethane	0.0010	U	0.0010	0.00054	mg/Kg			10/11/25 16:27	1
Chloroethane	0.0010	U	0.0010	0.00052	mg/Kg			10/11/25 16:27	1
Chloroform	0.0010	U	0.0010	0.00097	mg/Kg			10/11/25 16:27	1
Chloromethane	0.0010	U	0.0010	0.00044	mg/Kg			10/11/25 16:27	1
cis-1,2-Dichloroethene	0.0010	U	0.0010	0.00036	mg/Kg			10/11/25 16:27	1
cis-1,3-Dichloropropene	0.0010	U	0.0010	0.00027	mg/Kg			10/11/25 16:27	1
Cyclohexane	0.0010	U	0.0010	0.00022	mg/Kg			10/11/25 16:27	1
Dichlorobromomethane	0.0010	U	0.0010	0.00026	mg/Kg			10/11/25 16:27	1
Dichlorodifluoromethane	0.0010	U	0.0010	0.00034	mg/Kg			10/11/25 16:27	1
Ethylbenzene	0.0010	U	0.0010	0.00047	mg/Kg			10/11/25 16:27	1
Ethylene Dibromide	0.0010	U	0.0010	0.00050	mg/Kg			10/11/25 16:27	1
Isopropylbenzene	0.0010	U	0.0010	0.00029	mg/Kg			10/11/25 16:27	1
Methyl acetate	0.0050	U	0.0050	0.0043	mg/Kg			10/11/25 16:27	1
Methyl tert-butyl ether	0.0010	U	0.0010	0.00051	mg/Kg			10/11/25 16:27	1
Methylcyclohexane	0.0010	U	0.0010	0.00050	mg/Kg			10/11/25 16:27	1
Methylene Chloride	0.0020	U	0.0020	0.0011	mg/Kg			10/11/25 16:27	1
m-Xylene & p-Xylene	0.0010	U	0.0010	0.00042	mg/Kg			10/11/25 16:27	1
n-Butylbenzene	0.0010	U	0.0010	0.00029	mg/Kg			10/11/25 16:27	1
N-Propylbenzene	0.0010	U	0.0010	0.00045	mg/Kg			10/11/25 16:27	1
o-Xylene	0.0010	U	0.0010	0.00046	mg/Kg			10/11/25 16:27	1
sec-Butylbenzene	0.0010	U	0.0010	0.00029	mg/Kg			10/11/25 16:27	1

Method: 8260D - Volatile Organic Compounds by GC/MS (Continued)

Lab Sample ID: MB 460-1067680/7
Matrix: Solid
Analysis Batch: 1067680

Client Sample ID: Method Blank
Prep Type: Total/NA

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Styrene	0.0010	U	0.0010	0.00028	mg/Kg			10/11/25 16:27	1
tert-Butylbenzene	0.0010	U	0.0010	0.00028	mg/Kg			10/11/25 16:27	1
Tetrachloroethene	0.0010	U	0.0010	0.00031	mg/Kg			10/11/25 16:27	1
Toluene	0.0010	U	0.0010	0.00023	mg/Kg			10/11/25 16:27	1
trans-1,2-Dichloroethene	0.0010	U	0.0010	0.00025	mg/Kg			10/11/25 16:27	1
trans-1,3-Dichloropropene	0.0010	U	0.0010	0.00027	mg/Kg			10/11/25 16:27	1
Trichloroethene	0.0010	U	0.0010	0.00032	mg/Kg			10/11/25 16:27	1
Trichlorofluoromethane	0.0010	U	0.0010	0.00041	mg/Kg			10/11/25 16:27	1
Vinyl chloride	0.0010	U	0.0010	0.00055	mg/Kg			10/11/25 16:27	1
Xylenes, Total	0.0020	U	0.0020	0.00017	mg/Kg			10/11/25 16:27	1

Surrogate	*MB %Recovery*	*MB Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,2-Dichloroethane-d4 (Surr)	*88*		*65 - 138*		*10/11/25 16:27*	*1*
4-Bromofluorobenzene	*92*		*71 - 128*		*10/11/25 16:27*	*1*
Dibromofluoromethane (Surr)	*98*		*50 - 150*		*10/11/25 16:27*	*1*
Toluene-d8 (Surr)	*99*		*71 - 126*		*10/11/25 16:27*	*1*

Lab Sample ID: LCS 460-1067680/3
Matrix: Solid
Analysis Batch: 1067680

Client Sample ID: Lab Control Sample
Prep Type: Total/NA

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
1,1,1-Trichloroethane	0.0200	0.0165		mg/Kg		83	78 - 120
1,1,2,2-Tetrachloroethane	0.0200	0.0200		mg/Kg		100	70 - 133
1,1,2-Trichloro-1,2,2-trifluoroethane	0.0200	0.0187		mg/Kg		94	75 - 121
1,1,2-Trichloroethane	0.0200	0.0202		mg/Kg		101	80 - 120
1,1-Dichloroethane	0.0200	0.0184		mg/Kg		92	72 - 120
1,1-Dichloroethene	0.0200	0.0200		mg/Kg		100	76 - 120
1,2,3-Trichlorobenzene	0.0200	0.0193		mg/Kg		96	77 - 137
1,2,4-Trichlorobenzene	0.0200	0.0187		mg/Kg		93	77 - 136
1,2,4-Trimethylbenzene	0.0200	0.0201		mg/Kg		101	75 - 120
1,2-Dibromo-3-Chloropropane	0.0200	0.0188		mg/Kg		94	80 - 124
1,2-Dichlorobenzene	0.0200	0.0203		mg/Kg		102	80 - 120
1,2-Dichloroethane	0.0200	0.0159		mg/Kg		80	70 - 123
1,2-Dichloropropane	0.0200	0.0185		mg/Kg		93	73 - 124
1,3,5-Trimethylbenzene	0.0200	0.0200		mg/Kg		100	70 - 120
1,3-Dichlorobenzene	0.0200	0.0210		mg/Kg		105	80 - 120
1,4-Dichlorobenzene	0.0200	0.0200		mg/Kg		100	80 - 120
2-Butanone (MEK)	0.100	0.119		mg/Kg		119	64 - 128
2-Hexanone	0.100	0.104		mg/Kg		104	75 - 120
4-Methyl-2-pentanone (MIBK)	0.100	0.107		mg/Kg		107	80 - 120
Acetone	0.100	0.100		mg/Kg		100	58 - 122
Benzene	0.0200	0.0200		mg/Kg		100	75 - 120
Bromoform	0.0200	0.0189		mg/Kg		94	61 - 125
Bromomethane	0.0200	0.0229		mg/Kg		115	37 - 150
Carbon disulfide	0.0200	0.0192		mg/Kg		96	57 - 133
Carbon tetrachloride	0.0200	0.0162		mg/Kg		81	66 - 127
Chlorobenzene	0.0200	0.0203		mg/Kg		101	80 - 120

Method: 8260D - Volatile Organic Compounds by GC/MS (Continued)

Lab Sample ID: LCS 460-1067680/3
Matrix: Solid
Analysis Batch: 1067680

Client Sample ID: Lab Control Sample
Prep Type: Total/NA

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
Chlorobromomethane	0.0200	0.0205		mg/Kg		102	76 - 127
Chlorodibromomethane	0.0200	0.0188		mg/Kg		94	72 - 120
Chloroethane	0.0200	0.0202		mg/Kg		101	60 - 123
Chloroform	0.0200	0.0181		mg/Kg		90	79 - 126
Chloromethane	0.0200	0.0182		mg/Kg		91	46 - 122
cis-1,2-Dichloroethene	0.0200	0.0192		mg/Kg		96	80 - 123
cis-1,3-Dichloropropene	0.0200	0.0182		mg/Kg		91	75 - 120
Cyclohexane	0.0200	0.0195		mg/Kg		97	65 - 132
Dichlorobromomethane	0.0200	0.0172		mg/Kg		86	77 - 124
Dichlorodifluoromethane	0.0200	0.0175		mg/Kg		88	45 - 129
Ethylbenzene	0.0200	0.0202		mg/Kg		101	80 - 120
Ethylene Dibromide	0.0200	0.0200		mg/Kg		100	79 - 120
Isopropylbenzene	0.0200	0.0198		mg/Kg		99	74 - 120
Methyl acetate	0.0400	0.0313		mg/Kg		78	57 - 120
Methyl tert-butyl ether	0.0200	0.0177		mg/Kg		88	74 - 125
Methylcyclohexane	0.0200	0.0197		mg/Kg		98	66 - 125
Methylene Chloride	0.0200	0.0208		mg/Kg		104	78 - 120
m-Xylene & p-Xylene	0.0200	0.0200		mg/Kg		100	80 - 120
n-Butylbenzene	0.0200	0.0197		mg/Kg		98	72 - 120
N-Propylbenzene	0.0200	0.0199		mg/Kg		100	68 - 120
o-Xylene	0.0200	0.0209		mg/Kg		104	80 - 120
sec-Butylbenzene	0.0200	0.0201		mg/Kg		100	78 - 120
Styrene	0.0200	0.0206		mg/Kg		103	80 - 120
tert-Butylbenzene	0.0200	0.0201		mg/Kg		100	80 - 120
Tetrachloroethene	0.0200	0.0185		mg/Kg		92	73 - 120
Toluene	0.0200	0.0194		mg/Kg		97	80 - 120
trans-1,2-Dichloroethene	0.0200	0.0191		mg/Kg		96	78 - 120
trans-1,3-Dichloropropene	0.0200	0.0171		mg/Kg		86	77 - 120
Trichloroethene	0.0200	0.0181		mg/Kg		91	80 - 120
Trichlorofluoromethane	0.0200	0.0171		mg/Kg		86	61 - 130
Vinyl chloride	0.0200	0.0170		mg/Kg		85	54 - 122
Xylenes, Total	0.0400	0.0409		mg/Kg		102	80 - 120

Surrogate	*LCS %Recovery*	*LCS Qualifier*	*Limits*
1,2-Dichloroethane-d4 (Surr)	*80*		*65 - 138*
4-Bromofluorobenzene	*95*		*71 - 128*
Dibromofluoromethane (Surr)	*90*		*50 - 150*
Toluene-d8 (Surr)	*100*		*71 - 126*

Lab Sample ID: LCSD 460-1067680/4
Matrix: Solid
Analysis Batch: 1067680

Client Sample ID: Lab Control Sample Dup
Prep Type: Total/NA

Analyte	Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
1,1,1-Trichloroethane	0.0200	0.0177		mg/Kg		89	78 - 120	7	30
1,1,2,2-Tetrachloroethane	0.0200	0.0207		mg/Kg		104	70 - 133	3	30
1,1,2-Trichloro-1,2,2-trifluoroethane	0.0200	0.0209		mg/Kg		105	75 - 121	11	30
1,1,2-Trichloroethane	0.0200	0.0203		mg/Kg		102	80 - 120	1	30

Method: 8260D - Volatile Organic Compounds by GC/MS (Continued)

Lab Sample ID: LCSD 460-1067680/4
Matrix: Solid
Analysis Batch: 1067680

Client Sample ID: Lab Control Sample Dup
Prep Type: Total/NA

Analyte	Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
1,1-Dichloroethane	0.0200	0.0189		mg/Kg		94	72 - 120	2	30
1,1-Dichloroethene	0.0200	0.0217		mg/Kg		108	76 - 120	8	30
1,2,3-Trichlorobenzene	0.0200	0.0178		mg/Kg		89	77 - 137	8	30
1,2,4-Trichlorobenzene	0.0200	0.0169		mg/Kg		84	77 - 136	10	30
1,2,4-Trimethylbenzene	0.0200	0.0195		mg/Kg		97	75 - 120	3	30
1,2-Dibromo-3-Chloropropane	0.0200	0.0196		mg/Kg		98	80 - 124	4	30
1,2-Dichlorobenzene	0.0200	0.0200		mg/Kg		100	80 - 120	2	30
1,2-Dichloroethane	0.0200	0.0161		mg/Kg		81	70 - 123	1	30
1,2-Dichloropropane	0.0200	0.0188		mg/Kg		94	73 - 124	2	30
1,3,5-Trimethylbenzene	0.0200	0.0196		mg/Kg		98	70 - 120	2	30
1,3-Dichlorobenzene	0.0200	0.0203		mg/Kg		102	80 - 120	3	30
1,4-Dichlorobenzene	0.0200	0.0192		mg/Kg		96	80 - 120	4	30
2-Butanone (MEK)	0.100	0.117		mg/Kg		117	64 - 128	2	30
2-Hexanone	0.100	0.102		mg/Kg		102	75 - 120	1	30
4-Methyl-2-pentanone (MIBK)	0.100	0.104		mg/Kg		104	80 - 120	2	30
Acetone	0.100	0.0992		mg/Kg		99	58 - 122	1	30
Benzene	0.0200	0.0205		mg/Kg		102	75 - 120	2	30
Bromoform	0.0200	0.0190		mg/Kg		95	61 - 125	0	30
Bromomethane	0.0200	0.0299		mg/Kg		150	37 - 150	26	30
Carbon disulfide	0.0200	0.0208		mg/Kg		104	57 - 133	8	30
Carbon tetrachloride	0.0200	0.0172		mg/Kg		86	66 - 127	6	30
Chlorobenzene	0.0200	0.0200		mg/Kg		100	80 - 120	2	30
Chlorobromomethane	0.0200	0.0208		mg/Kg		104	76 - 127	2	30
Chlorodibromomethane	0.0200	0.0190		mg/Kg		95	72 - 120	1	30
Chloroethane	0.0200	0.0234		mg/Kg		117	60 - 123	15	30
Chloroform	0.0200	0.0184		mg/Kg		92	79 - 126	2	30
Chloromethane	0.0200	0.0191		mg/Kg		96	46 - 122	5	30
cis-1,2-Dichloroethene	0.0200	0.0194		mg/Kg		97	80 - 123	1	30
cis-1,3-Dichloropropene	0.0200	0.0182		mg/Kg		91	75 - 120	0	30
Cyclohexane	0.0200	0.0213		mg/Kg		106	65 - 132	9	30
Dichlorobromomethane	0.0200	0.0174		mg/Kg		87	77 - 124	1	30
Dichlorodifluoromethane	0.0200	0.0206		mg/Kg		103	45 - 129	16	30
Ethylbenzene	0.0200	0.0202		mg/Kg		101	80 - 120	0	30
Ethylene Dibromide	0.0200	0.0200		mg/Kg		100	79 - 120	0	30
Isopropylbenzene	0.0200	0.0197		mg/Kg		98	74 - 120	0	30
Methyl acetate	0.0400	0.0327		mg/Kg		82	57 - 120	4	30
Methyl tert-butyl ether	0.0200	0.0180		mg/Kg		90	74 - 125	2	30
Methylcyclohexane	0.0200	0.0213		mg/Kg		106	66 - 125	8	30
Methylene Chloride	0.0200	0.0213		mg/Kg		107	78 - 120	2	30
m-Xylene & p-Xylene	0.0200	0.0201		mg/Kg		101	80 - 120	1	30
n-Butylbenzene	0.0200	0.0184		mg/Kg		92	72 - 120	7	30
N-Propylbenzene	0.0200	0.0196		mg/Kg		98	68 - 120	2	30
o-Xylene	0.0200	0.0205		mg/Kg		102	80 - 120	2	30
sec-Butylbenzene	0.0200	0.0198		mg/Kg		99	78 - 120	1	30
Styrene	0.0200	0.0201		mg/Kg		100	80 - 120	2	30
tert-Butylbenzene	0.0200	0.0201		mg/Kg		100	80 - 120	0	30
Tetrachloroethene	0.0200	0.0190		mg/Kg		95	73 - 120	3	30
Toluene	0.0200	0.0195		mg/Kg		98	80 - 120	1	30
trans-1,2-Dichloroethene	0.0200	0.0203		mg/Kg		102	78 - 120	6	30

Method: 8260D - Volatile Organic Compounds by GC/MS (Continued)

Lab Sample ID: LCSD 460-1067680/4
Matrix: Solid
Analysis Batch: 1067680

Client Sample ID: Lab Control Sample Dup
Prep Type: Total/NA

Analyte			Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
trans-1,3-Dichloropropene			0.0200	0.0171		mg/Kg		85	77 - 120	0	30
Trichloroethene			0.0200	0.0190		mg/Kg		95	80 - 120	5	30
Trichlorofluoromethane			0.0200	0.0192		mg/Kg		96	61 - 130	11	30
Vinyl chloride			0.0200	0.0182		mg/Kg		91	54 - 122	7	30
Xylenes, Total			0.0400	0.0406		mg/Kg		101	80 - 120	1	30

Surrogate	*LCSD %Recovery*	*LCSD Qualifier*	*Limits*
1,2-Dichloroethane-d4 (Surr)	*79*		*65 - 138*
4-Bromofluorobenzene	*96*		*71 - 128*
Dibromofluoromethane (Surr)	*90*		*50 - 150*
Toluene-d8 (Surr)	*98*		*71 - 126*

Lab Sample ID: MB 460-1067682/7
Matrix: Solid
Analysis Batch: 1067682

Client Sample ID: Method Blank
Prep Type: Total/NA

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1-Trichloroethane	0.0010	U	0.0010	0.00023	mg/Kg			10/12/25 06:57	1
1,1,2,2-Tetrachloroethane	0.0010	U	0.0010	0.00052	mg/Kg			10/12/25 06:57	1
1,1,2-Trichloro-1,2,2-trifluoroethane	0.0010	U	0.0010	0.00030	mg/Kg			10/12/25 06:57	1
1,1,2-Trichloroethane	0.0010	U	0.0010	0.00060	mg/Kg			10/12/25 06:57	1
1,1-Dichloroethane	0.0010	U	0.0010	0.00060	mg/Kg			10/12/25 06:57	1
1,1-Dichloroethene	0.0010	U	0.0010	0.00023	mg/Kg			10/12/25 06:57	1
1,2,3-Trichlorobenzene	0.0010	U	0.0010	0.00074	mg/Kg			10/12/25 06:57	1
1,2,4-Trichlorobenzene	0.0010	U	0.0010	0.00036	mg/Kg			10/12/25 06:57	1
1,2,4-Trimethylbenzene	0.0010	U	0.0010	0.00025	mg/Kg			10/12/25 06:57	1
1,2-Dibromo-3-Chloropropane	0.0010	U	0.0010	0.00046	mg/Kg			10/12/25 06:57	1
1,2-Dichlorobenzene	0.0010	U	0.0010	0.00036	mg/Kg			10/12/25 06:57	1
1,2-Dichloroethane	0.0010	U	0.0010	0.00030	mg/Kg			10/12/25 06:57	1
1,2-Dichloropropane	0.0010	U	0.0010	0.00042	mg/Kg			10/12/25 06:57	1
1,3,5-Trimethylbenzene	0.0010	U	0.0010	0.00031	mg/Kg			10/12/25 06:57	1
1,3-Dichlorobenzene	0.0010	U	0.0010	0.00037	mg/Kg			10/12/25 06:57	1
1,4-Dichlorobenzene	0.0010	U	0.0010	0.00052	mg/Kg			10/12/25 06:57	1
2-Butanone (MEK)	0.0050	U	0.0050	0.00037	mg/Kg			10/12/25 06:57	1
2-Hexanone	0.0050	U	0.0050	0.0017	mg/Kg			10/12/25 06:57	1
4-Methyl-2-pentanone (MIBK)	0.0050	U	0.0050	0.0016	mg/Kg			10/12/25 06:57	1
Acetone	0.0060	U	0.0060	0.0057	mg/Kg			10/12/25 06:57	1
Benzene	0.0010	U	0.0010	0.00057	mg/Kg			10/12/25 06:57	1
Bromoform	0.0010	U	0.0010	0.00043	mg/Kg			10/12/25 06:57	1
Bromomethane	0.0020	U	0.0020	0.0010	mg/Kg			10/12/25 06:57	1
Carbon disulfide	0.0010	U	0.0010	0.00027	mg/Kg			10/12/25 06:57	1
Carbon tetrachloride	0.0010	U	0.0010	0.00039	mg/Kg			10/12/25 06:57	1
Chlorobenzene	0.0010	U	0.0010	0.00051	mg/Kg			10/12/25 06:57	1
Chlorobromomethane	0.0010	U	0.0010	0.00060	mg/Kg			10/12/25 06:57	1
Chlorodibromomethane	0.0010	U	0.0010	0.00054	mg/Kg			10/12/25 06:57	1
Chloroethane	0.0010	U	0.0010	0.00052	mg/Kg			10/12/25 06:57	1
Chloroform	0.0010	U	0.0010	0.00097	mg/Kg			10/12/25 06:57	1
Chloromethane	0.0010	U	0.0010	0.00044	mg/Kg			10/12/25 06:57	1

Method: 8260D - Volatile Organic Compounds by GC/MS (Continued)

Lab Sample ID: MB 460-1067682/7
Matrix: Solid
Analysis Batch: 1067682

Client Sample ID: Method Blank
Prep Type: Total/NA

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
cis-1,2-Dichloroethene	0.0010	U	0.0010	0.00036	mg/Kg			10/12/25 06:57	1
cis-1,3-Dichloropropene	0.0010	U	0.0010	0.00027	mg/Kg			10/12/25 06:57	1
Cyclohexane	0.0010	U	0.0010	0.00022	mg/Kg			10/12/25 06:57	1
Dichlorobromomethane	0.0010	U	0.0010	0.00026	mg/Kg			10/12/25 06:57	1
Dichlorodifluoromethane	0.0010	U	0.0010	0.00034	mg/Kg			10/12/25 06:57	1
Ethylbenzene	0.0010	U	0.0010	0.00047	mg/Kg			10/12/25 06:57	1
Ethylene Dibromide	0.0010	U	0.0010	0.00050	mg/Kg			10/12/25 06:57	1
Isopropylbenzene	0.0010	U	0.0010	0.00029	mg/Kg			10/12/25 06:57	1
Methyl acetate	0.0050	U	0.0050	0.0043	mg/Kg			10/12/25 06:57	1
Methyl tert-butyl ether	0.0010	U	0.0010	0.00051	mg/Kg			10/12/25 06:57	1
Methylcyclohexane	0.0010	U	0.0010	0.00050	mg/Kg			10/12/25 06:57	1
Methylene Chloride	0.0020	U	0.0020	0.0011	mg/Kg			10/12/25 06:57	1
m-Xylene & p-Xylene	0.0010	U	0.0010	0.00042	mg/Kg			10/12/25 06:57	1
n-Butylbenzene	0.0010	U	0.0010	0.00029	mg/Kg			10/12/25 06:57	1
N-Propylbenzene	0.0010	U	0.0010	0.00045	mg/Kg			10/12/25 06:57	1
o-Xylene	0.0010	U	0.0010	0.00046	mg/Kg			10/12/25 06:57	1
sec-Butylbenzene	0.0010	U	0.0010	0.00029	mg/Kg			10/12/25 06:57	1
Styrene	0.0010	U	0.0010	0.00028	mg/Kg			10/12/25 06:57	1
tert-Butylbenzene	0.0010	U	0.0010	0.00028	mg/Kg			10/12/25 06:57	1
Tetrachloroethene	0.0010	U	0.0010	0.00031	mg/Kg			10/12/25 06:57	1
Toluene	0.0010	U	0.0010	0.00023	mg/Kg			10/12/25 06:57	1
trans-1,2-Dichloroethene	0.0010	U	0.0010	0.00025	mg/Kg			10/12/25 06:57	1
trans-1,3-Dichloropropene	0.0010	U	0.0010	0.00027	mg/Kg			10/12/25 06:57	1
Trichloroethene	0.0010	U	0.0010	0.00032	mg/Kg			10/12/25 06:57	1
Trichlorofluoromethane	0.0010	U	0.0010	0.00041	mg/Kg			10/12/25 06:57	1
Vinyl chloride	0.0010	U	0.0010	0.00055	mg/Kg			10/12/25 06:57	1
Xylenes, Total	0.0020	U	0.0020	0.00017	mg/Kg			10/12/25 06:57	1

Surrogate	*MB %Recovery*	*MB Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,2-Dichloroethane-d4 (Surr)	*81*		*65 - 138*		*10/12/25 06:57*	*1*
4-Bromofluorobenzene	*92*		*71 - 128*		*10/12/25 06:57*	*1*
Dibromofluoromethane (Surr)	*93*		*50 - 150*		*10/12/25 06:57*	*1*
Toluene-d8 (Surr)	*99*		*71 - 126*		*10/12/25 06:57*	*1*

Lab Sample ID: LCS 460-1067682/3
Matrix: Solid
Analysis Batch: 1067682

Client Sample ID: Lab Control Sample
Prep Type: Total/NA

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
1,1,1-Trichloroethane	0.0200	0.0157		mg/Kg		78	78 - 120
1,1,2,2-Tetrachloroethane	0.0200	0.0181		mg/Kg		91	70 - 133
1,1,2-Trichloro-1,2,2-trifluoroethane	0.0200	0.0181		mg/Kg		91	75 - 121
1,1,2-Trichloroethane	0.0200	0.0183		mg/Kg		92	80 - 120
1,1-Dichloroethane	0.0200	0.0169		mg/Kg		85	72 - 120
1,1-Dichloroethene	0.0200	0.0184		mg/Kg		92	76 - 120
1,2,3-Trichlorobenzene	0.0200	0.0163		mg/Kg		82	77 - 137
1,2,4-Trichlorobenzene	0.0200	0.0159		mg/Kg		79	77 - 136
1,2,4-Trimethylbenzene	0.0200	0.0175		mg/Kg		88	75 - 120

Method: 8260D - Volatile Organic Compounds by GC/MS (Continued)

Lab Sample ID: LCS 460-1067682/3
Matrix: Solid
Analysis Batch: 1067682

Client Sample ID: Lab Control Sample
Prep Type: Total/NA

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
1,2-Dibromo-3-Chloropropane	0.0200	0.0168		mg/Kg		84	80 - 124
1,2-Dichlorobenzene	0.0200	0.0181		mg/Kg		90	80 - 120
1,2-Dichloroethane	0.0200	0.0143		mg/Kg		71	70 - 123
1,2-Dichloropropane	0.0200	0.0170		mg/Kg		85	73 - 124
1,3,5-Trimethylbenzene	0.0200	0.0174		mg/Kg		87	70 - 120
1,3-Dichlorobenzene	0.0200	0.0187		mg/Kg		93	80 - 120
1,4-Dichlorobenzene	0.0200	0.0179		mg/Kg		89	80 - 120
2-Butanone (MEK)	0.100	0.108		mg/Kg		108	64 - 128
2-Hexanone	0.100	0.0953		mg/Kg		95	75 - 120
4-Methyl-2-pentanone (MIBK)	0.100	0.0968		mg/Kg		97	80 - 120
Acetone	0.100	0.0906		mg/Kg		91	58 - 122
Benzene	0.0200	0.0178		mg/Kg		89	75 - 120
Bromoform	0.0200	0.0171		mg/Kg		86	61 - 125
Bromomethane	0.0200	0.0394	*	mg/Kg		197	37 - 150
Carbon disulfide	0.0200	0.0151		mg/Kg		76	57 - 133
Carbon tetrachloride	0.0200	0.0154		mg/Kg		77	66 - 127
Chlorobenzene	0.0200	0.0181		mg/Kg		91	80 - 120
Chlorobromomethane	0.0200	0.0185		mg/Kg		93	76 - 127
Chlorodibromomethane	0.0200	0.0172		mg/Kg		86	72 - 120
Chloroethane	0.0200	0.0238		mg/Kg		119	60 - 123
Chloroform	0.0200	0.0167		mg/Kg		83	79 - 126
Chloromethane	0.0200	0.0197		mg/Kg		99	46 - 122
cis-1,2-Dichloroethene	0.0200	0.0173		mg/Kg		86	80 - 123
cis-1,3-Dichloropropene	0.0200	0.0163		mg/Kg		82	75 - 120
Cyclohexane	0.0200	0.0169		mg/Kg		85	65 - 132
Dichlorobromomethane	0.0200	0.0162		mg/Kg		81	77 - 124
Dichlorodifluoromethane	0.0200	0.0247		mg/Kg		123	45 - 129
Ethylbenzene	0.0200	0.0183		mg/Kg		91	80 - 120
Ethylene Dibromide	0.0200	0.0178		mg/Kg		89	79 - 120
Isopropylbenzene	0.0200	0.0177		mg/Kg		89	74 - 120
Methyl acetate	0.0400	0.0274		mg/Kg		68	57 - 120
Methyl tert-butyl ether	0.0200	0.0159		mg/Kg		80	74 - 125
Methylcyclohexane	0.0200	0.0163		mg/Kg		81	66 - 125
Methylene Chloride	0.0200	0.0189		mg/Kg		95	78 - 120
m-Xylene & p-Xylene	0.0200	0.0182		mg/Kg		91	80 - 120
n-Butylbenzene	0.0200	0.0169		mg/Kg		85	72 - 120
N-Propylbenzene	0.0200	0.0176		mg/Kg		88	68 - 120
o-Xylene	0.0200	0.0186		mg/Kg		93	80 - 120
sec-Butylbenzene	0.0200	0.0173		mg/Kg		87	78 - 120
Styrene	0.0200	0.0189		mg/Kg		95	80 - 120
tert-Butylbenzene	0.0200	0.0173		mg/Kg		86	80 - 120
Tetrachloroethene	0.0200	0.0165		mg/Kg		82	73 - 120
Toluene	0.0200	0.0175		mg/Kg		88	80 - 120
trans-1,2-Dichloroethene	0.0200	0.0172		mg/Kg		86	78 - 120
trans-1,3-Dichloropropene	0.0200	0.0156		mg/Kg		78	77 - 120
Trichloroethene	0.0200	0.0168		mg/Kg		84	80 - 120
Trichlorofluoromethane	0.0200	0.0199		mg/Kg		99	61 - 130
Vinyl chloride	0.0200	0.0194		mg/Kg		97	54 - 122
Xylenes, Total	0.0400	0.0368		mg/Kg		92	80 - 120

Method: 8260D - Volatile Organic Compounds by GC/MS (Continued)

Surrogate	LCS %Recovery	LCS Qualifier	Limits
1,2-Dichloroethane-d4 (Surr)	79		65 - 138
4-Bromofluorobenzene	95		71 - 128
Dibromofluoromethane (Surr)	92		50 - 150
Toluene-d8 (Surr)	97		71 - 126

Lab Sample ID: LCSD 460-1067682/4
Matrix: Solid
Analysis Batch: 1067682

Client Sample ID: Lab Control Sample Dup
Prep Type: Total/NA

Analyte			Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
1,1,1-Trichloroethane			0.0200	0.0160		mg/Kg		80	78 - 120	2	30
1,1,2,2-Tetrachloroethane			0.0200	0.0181		mg/Kg		90	70 - 133	0	30
1,1,2-Trichloro-1,2,2-trifluoroethane			0.0200	0.0180		mg/Kg		90	75 - 121	0	30
1,1,2-Trichloroethane			0.0200	0.0180		mg/Kg		90	80 - 120	2	30
1,1-Dichloroethane			0.0200	0.0171		mg/Kg		85	72 - 120	1	30
1,1-Dichloroethene			0.0200	0.0186		mg/Kg		93	76 - 120	1	30
1,2,3-Trichlorobenzene			0.0200	0.0171		mg/Kg		86	77 - 137	5	30
1,2,4-Trichlorobenzene			0.0200	0.0164		mg/Kg		82	77 - 136	3	30
1,2,4-Trimethylbenzene			0.0200	0.0181		mg/Kg		90	75 - 120	3	30
1,2-Dibromo-3-Chloropropane			0.0200	0.0174		mg/Kg		87	80 - 124	4	30
1,2-Dichlorobenzene			0.0200	0.0185		mg/Kg		92	80 - 120	2	30
1,2-Dichloroethane			0.0200	0.0143		mg/Kg		71	70 - 123	0	30
1,2-Dichloropropane			0.0200	0.0169		mg/Kg		84	73 - 124	1	30
1,3,5-Trimethylbenzene			0.0200	0.0179		mg/Kg		89	70 - 120	3	30
1,3-Dichlorobenzene			0.0200	0.0190		mg/Kg		95	80 - 120	2	30
1,4-Dichlorobenzene			0.0200	0.0182		mg/Kg		91	80 - 120	2	30
2-Butanone (MEK)			0.100	0.109		mg/Kg		109	64 - 128	1	30
2-Hexanone			0.100	0.0933		mg/Kg		93	75 - 120	2	30
4-Methyl-2-pentanone (MIBK)			0.100	0.0948		mg/Kg		95	80 - 120	2	30
Acetone			0.100	0.0899		mg/Kg		90	58 - 122	1	30
Benzene			0.0200	0.0179		mg/Kg		89	75 - 120	0	30
Bromoform			0.0200	0.0171		mg/Kg		86	61 - 125	0	30
Bromomethane			0.0200	0.0375	*	mg/Kg		187	37 - 150	5	30
Carbon disulfide			0.0200	0.0149		mg/Kg		75	57 - 133	1	30
Carbon tetrachloride			0.0200	0.0155		mg/Kg		77	66 - 127	1	30
Chlorobenzene			0.0200	0.0182		mg/Kg		91	80 - 120	0	30
Chlorobromomethane			0.0200	0.0184		mg/Kg		92	76 - 127	1	30
Chlorodibromomethane			0.0200	0.0171		mg/Kg		85	72 - 120	1	30
Chloroethane			0.0200	0.0234		mg/Kg		117	60 - 123	2	30
Chloroform			0.0200	0.0167		mg/Kg		84	79 - 126	0	30
Chloromethane			0.0200	0.0196		mg/Kg		98	46 - 122	1	30
cis-1,2-Dichloroethene			0.0200	0.0174		mg/Kg		87	80 - 123	1	30
cis-1,3-Dichloropropene			0.0200	0.0163		mg/Kg		82	75 - 120	0	30
Cyclohexane			0.0200	0.0172		mg/Kg		86	65 - 132	2	30
Dichlorobromomethane			0.0200	0.0161		mg/Kg		81	77 - 124	0	30
Dichlorodifluoromethane			0.0200	0.0239		mg/Kg		119	45 - 129	3	30
Ethylbenzene			0.0200	0.0183		mg/Kg		92	80 - 120	0	30
Ethylene Dibromide			0.0200	0.0179		mg/Kg		89	79 - 120	0	30
Isopropylbenzene			0.0200	0.0181		mg/Kg		91	74 - 120	2	30
Methyl acetate			0.0400	0.0277		mg/Kg		69	57 - 120	1	30
Methyl tert-butyl ether			0.0200	0.0158		mg/Kg		79	74 - 125	1	30

Method: 8260D - Volatile Organic Compounds by GC/MS (Continued)

Lab Sample ID: LCSD 460-1067682/4
Matrix: Solid
Analysis Batch: 1067682

Client Sample ID: Lab Control Sample Dup
Prep Type: Total/NA

Analyte			Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Methylcyclohexane			0.0200	0.0168		mg/Kg		84	66 - 125	3	30
Methylene Chloride			0.0200	0.0186		mg/Kg		93	78 - 120	2	30
m-Xylene & p-Xylene			0.0200	0.0184		mg/Kg		92	80 - 120	1	30
n-Butylbenzene			0.0200	0.0179		mg/Kg		89	72 - 120	6	30
N-Propylbenzene			0.0200	0.0183		mg/Kg		91	68 - 120	3	30
o-Xylene			0.0200	0.0188		mg/Kg		94	80 - 120	1	30
sec-Butylbenzene			0.0200	0.0182		mg/Kg		91	78 - 120	5	30
Styrene			0.0200	0.0184		mg/Kg		92	80 - 120	3	30
tert-Butylbenzene			0.0200	0.0180		mg/Kg		90	80 - 120	4	30
Tetrachloroethene			0.0200	0.0168		mg/Kg		84	73 - 120	2	30
Toluene			0.0200	0.0174		mg/Kg		87	80 - 120	1	30
trans-1,2-Dichloroethene			0.0200	0.0174		mg/Kg		87	78 - 120	1	30
trans-1,3-Dichloropropene			0.0200	0.0155		mg/Kg		78	77 - 120	0	30
Trichloroethene			0.0200	0.0170		mg/Kg		85	80 - 120	1	30
Trichlorofluoromethane			0.0200	0.0197		mg/Kg		98	61 - 130	1	30
Vinyl chloride			0.0200	0.0190		mg/Kg		95	54 - 122	2	30
Xylenes, Total			0.0400	0.0372		mg/Kg		93	80 - 120	1	30

Surrogate	*LCSD %Recovery*	*LCSD Qualifier*	*Limits*
1,2-Dichloroethane-d4 (Surr)	*81*		*65 - 138*
4-Bromofluorobenzene	*94*		*71 - 128*
Dibromofluoromethane (Surr)	*91*		*50 - 150*
Toluene-d8 (Surr)	*98*		*71 - 126*

Lab Sample ID: MB 460-1067700/7
Matrix: Solid
Analysis Batch: 1067700

Client Sample ID: Method Blank
Prep Type: Total/NA

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1-Trichloroethane	0.0010	U	0.0010	0.00023	mg/Kg			10/12/25 18:14	1
1,1,2,2-Tetrachloroethane	0.0010	U	0.0010	0.00052	mg/Kg			10/12/25 18:14	1
1,1,2-Trichloro-1,2,2-trifluoroethane	0.0010	U	0.0010	0.00030	mg/Kg			10/12/25 18:14	1
1,1,2-Trichloroethane	0.0010	U	0.0010	0.00060	mg/Kg			10/12/25 18:14	1
1,1-Dichloroethane	0.0010	U	0.0010	0.00060	mg/Kg			10/12/25 18:14	1
1,1-Dichloroethene	0.0010	U	0.0010	0.00023	mg/Kg			10/12/25 18:14	1
1,2,3-Trichlorobenzene	0.0010	U	0.0010	0.00074	mg/Kg			10/12/25 18:14	1
1,2,4-Trichlorobenzene	0.0010	U	0.0010	0.00036	mg/Kg			10/12/25 18:14	1
1,2,4-Trimethylbenzene	0.0010	U	0.0010	0.00025	mg/Kg			10/12/25 18:14	1
1,2-Dibromo-3-Chloropropane	0.0010	U	0.0010	0.00046	mg/Kg			10/12/25 18:14	1
1,2-Dichlorobenzene	0.0010	U	0.0010	0.00036	mg/Kg			10/12/25 18:14	1
1,2-Dichloroethane	0.0010	U	0.0010	0.00030	mg/Kg			10/12/25 18:14	1
1,2-Dichloropropane	0.0010	U	0.0010	0.00042	mg/Kg			10/12/25 18:14	1
1,3,5-Trimethylbenzene	0.0010	U	0.0010	0.00031	mg/Kg			10/12/25 18:14	1
1,3-Dichlorobenzene	0.0010	U	0.0010	0.00037	mg/Kg			10/12/25 18:14	1
1,4-Dichlorobenzene	0.0010	U	0.0010	0.00052	mg/Kg			10/12/25 18:14	1
2-Butanone (MEK)	0.0050	U	0.0050	0.00037	mg/Kg			10/12/25 18:14	1
2-Hexanone	0.0050	U	0.0050	0.0017	mg/Kg			10/12/25 18:14	1
4-Methyl-2-pentanone (MIBK)	0.0050	U	0.0050	0.0016	mg/Kg			10/12/25 18:14	1

Method: 8260D - Volatile Organic Compounds by GC/MS (Continued)

Lab Sample ID: MB 460-1067700/7
Matrix: Solid
Analysis Batch: 1067700

Client Sample ID: Method Blank
Prep Type: Total/NA

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Acetone	0.0060	U	0.0060	0.0057	mg/Kg			10/12/25 18:14	1
Benzene	0.0010	U	0.0010	0.00057	mg/Kg			10/12/25 18:14	1
Bromoform	0.0010	U	0.0010	0.00043	mg/Kg			10/12/25 18:14	1
Bromomethane	0.0020	U	0.0020	0.0010	mg/Kg			10/12/25 18:14	1
Carbon disulfide	0.0010	U	0.0010	0.00027	mg/Kg			10/12/25 18:14	1
Carbon tetrachloride	0.0010	U	0.0010	0.00039	mg/Kg			10/12/25 18:14	1
Chlorobenzene	0.0010	U	0.0010	0.00051	mg/Kg			10/12/25 18:14	1
Chlorobromomethane	0.0010	U	0.0010	0.00060	mg/Kg			10/12/25 18:14	1
Chlorodibromomethane	0.0010	U	0.0010	0.00054	mg/Kg			10/12/25 18:14	1
Chloroethane	0.0010	U	0.0010	0.00052	mg/Kg			10/12/25 18:14	1
Chloroform	0.0010	U	0.0010	0.00097	mg/Kg			10/12/25 18:14	1
Chloromethane	0.0010	U	0.0010	0.00044	mg/Kg			10/12/25 18:14	1
cis-1,2-Dichloroethene	0.0010	U	0.0010	0.00036	mg/Kg			10/12/25 18:14	1
cis-1,3-Dichloropropene	0.0010	U	0.0010	0.00027	mg/Kg			10/12/25 18:14	1
Cyclohexane	0.0010	U	0.0010	0.00022	mg/Kg			10/12/25 18:14	1
Dichlorobromomethane	0.0010	U	0.0010	0.00026	mg/Kg			10/12/25 18:14	1
Dichlorodifluoromethane	0.0010	U	0.0010	0.00034	mg/Kg			10/12/25 18:14	1
Ethylbenzene	0.0010	U	0.0010	0.00047	mg/Kg			10/12/25 18:14	1
Ethylene Dibromide	0.0010	U	0.0010	0.00050	mg/Kg			10/12/25 18:14	1
Isopropylbenzene	0.0010	U	0.0010	0.00029	mg/Kg			10/12/25 18:14	1
Methyl acetate	0.0050	U	0.0050	0.0043	mg/Kg			10/12/25 18:14	1
Methyl tert-butyl ether	0.0010	U	0.0010	0.00051	mg/Kg			10/12/25 18:14	1
Methylcyclohexane	0.0010	U	0.0010	0.00050	mg/Kg			10/12/25 18:14	1
Methylene Chloride	0.0020	U	0.0020	0.0011	mg/Kg			10/12/25 18:14	1
m-Xylene & p-Xylene	0.0010	U	0.0010	0.00042	mg/Kg			10/12/25 18:14	1
n-Butylbenzene	0.0010	U	0.0010	0.00029	mg/Kg			10/12/25 18:14	1
N-Propylbenzene	0.0010	U	0.0010	0.00045	mg/Kg			10/12/25 18:14	1
o-Xylene	0.0010	U	0.0010	0.00046	mg/Kg			10/12/25 18:14	1
sec-Butylbenzene	0.0010	U	0.0010	0.00029	mg/Kg			10/12/25 18:14	1
Styrene	0.0010	U	0.0010	0.00028	mg/Kg			10/12/25 18:14	1
tert-Butylbenzene	0.0010	U	0.0010	0.00028	mg/Kg			10/12/25 18:14	1
Tetrachloroethene	0.0010	U	0.0010	0.00031	mg/Kg			10/12/25 18:14	1
Toluene	0.0010	U	0.0010	0.00023	mg/Kg			10/12/25 18:14	1
trans-1,2-Dichloroethene	0.0010	U	0.0010	0.00025	mg/Kg			10/12/25 18:14	1
trans-1,3-Dichloropropene	0.0010	U	0.0010	0.00027	mg/Kg			10/12/25 18:14	1
Trichloroethene	0.0010	U	0.0010	0.00032	mg/Kg			10/12/25 18:14	1
Trichlorofluoromethane	0.0010	U	0.0010	0.00041	mg/Kg			10/12/25 18:14	1
Vinyl chloride	0.0010	U	0.0010	0.00055	mg/Kg			10/12/25 18:14	1
Xylenes, Total	0.0020	U	0.0020	0.00017	mg/Kg			10/12/25 18:14	1

Surrogate	*MB %Recovery*	*MB Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,2-Dichloroethane-d4 (Surr)	*82*		*65 - 138*		*10/12/25 18:14*	*1*
4-Bromofluorobenzene	*91*		*71 - 128*		*10/12/25 18:14*	*1*
Dibromofluoromethane (Surr)	*96*		*50 - 150*		*10/12/25 18:14*	*1*
Toluene-d8 (Surr)	*99*		*71 - 126*		*10/12/25 18:14*	*1*

Method: 8260D - Volatile Organic Compounds by GC/MS (Continued)

Lab Sample ID: LCS 460-1067700/3
Matrix: Solid
Analysis Batch: 1067700

Client Sample ID: Lab Control Sample
Prep Type: Total/NA

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
1,1,1-Trichloroethane	0.0200	0.0157		mg/Kg		78	78 - 120
1,1,2,2-Tetrachloroethane	0.0200	0.0188		mg/Kg		94	70 - 133
1,1,2-Trichloro-1,2,2-trifluoroethane	0.0200	0.0181		mg/Kg		91	75 - 121
1,1,2-Trichloroethane	0.0200	0.0184		mg/Kg		92	80 - 120
1,1-Dichloroethane	0.0200	0.0171		mg/Kg		85	72 - 120
1,1-Dichloroethene	0.0200	0.0184		mg/Kg		92	76 - 120
1,2,3-Trichlorobenzene	0.0200	0.0169		mg/Kg		85	77 - 137
1,2,4-Trichlorobenzene	0.0200	0.0159		mg/Kg		80	77 - 136
1,2,4-Trimethylbenzene	0.0200	0.0179		mg/Kg		90	75 - 120
1,2-Dibromo-3-Chloropropane	0.0200	0.0173		mg/Kg		86	80 - 124
1,2-Dichlorobenzene	0.0200	0.0185		mg/Kg		93	80 - 120
1,2-Dichloroethane	0.0200	0.0144		mg/Kg		72	70 - 123
1,2-Dichloropropane	0.0200	0.0172		mg/Kg		86	73 - 124
1,3,5-Trimethylbenzene	0.0200	0.0181		mg/Kg		91	70 - 120
1,3-Dichlorobenzene	0.0200	0.0188		mg/Kg		94	80 - 120
1,4-Dichlorobenzene	0.0200	0.0180		mg/Kg		90	80 - 120
2-Butanone (MEK)	0.100	0.111		mg/Kg		111	64 - 128
2-Hexanone	0.100	0.0936		mg/Kg		94	75 - 120
4-Methyl-2-pentanone (MIBK)	0.100	0.0953		mg/Kg		95	80 - 120
Acetone	0.100	0.0885		mg/Kg		88	58 - 122
Benzene	0.0200	0.0180		mg/Kg		90	75 - 120
Bromoform	0.0200	0.0172		mg/Kg		86	61 - 125
Bromomethane	0.0200	0.0404	*	mg/Kg		202	37 - 150
Carbon disulfide	0.0200	0.0147		mg/Kg		74	57 - 133
Carbon tetrachloride	0.0200	0.0154		mg/Kg		77	66 - 127
Chlorobenzene	0.0200	0.0181		mg/Kg		90	80 - 120
Chlorobromomethane	0.0200	0.0185		mg/Kg		93	76 - 127
Chlorodibromomethane	0.0200	0.0174		mg/Kg		87	72 - 120
Chloroethane	0.0200	0.0240		mg/Kg		120	60 - 123
Chloroform	0.0200	0.0166		mg/Kg		83	79 - 126
Chloromethane	0.0200	0.0195		mg/Kg		97	46 - 122
cis-1,2-Dichloroethene	0.0200	0.0177		mg/Kg		88	80 - 123
cis-1,3-Dichloropropene	0.0200	0.0160		mg/Kg		80	75 - 120
Cyclohexane	0.0200	0.0174		mg/Kg		87	65 - 132
Dichlorobromomethane	0.0200	0.0162		mg/Kg		81	77 - 124
Dichlorodifluoromethane	0.0200	0.0244		mg/Kg		122	45 - 129
Ethylbenzene	0.0200	0.0180		mg/Kg		90	80 - 120
Ethylene Dibromide	0.0200	0.0179		mg/Kg		89	79 - 120
Isopropylbenzene	0.0200	0.0182		mg/Kg		91	74 - 120
Methyl acetate	0.0400	0.0273		mg/Kg		68	57 - 120
Methyl tert-butyl ether	0.0200	0.0163		mg/Kg		81	74 - 125
Methylcyclohexane	0.0200	0.0174		mg/Kg		87	66 - 125
Methylene Chloride	0.0200	0.0185		mg/Kg		93	78 - 120
m-Xylene & p-Xylene	0.0200	0.0181		mg/Kg		90	80 - 120
n-Butylbenzene	0.0200	0.0176		mg/Kg		88	72 - 120
N-Propylbenzene	0.0200	0.0183		mg/Kg		92	68 - 120
o-Xylene	0.0200	0.0187		mg/Kg		93	80 - 120
sec-Butylbenzene	0.0200	0.0185		mg/Kg		93	78 - 120

Method: 8260D - Volatile Organic Compounds by GC/MS (Continued)

Lab Sample ID: LCS 460-1067700/3
Matrix: Solid
Analysis Batch: 1067700

Client Sample ID: Lab Control Sample
Prep Type: Total/NA

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
Styrene	0.0200	0.0183		mg/Kg		92	80 - 120
tert-Butylbenzene	0.0200	0.0186		mg/Kg		93	80 - 120
Tetrachloroethene	0.0200	0.0168		mg/Kg		84	73 - 120
Toluene	0.0200	0.0173		mg/Kg		87	80 - 120
trans-1,2-Dichloroethene	0.0200	0.0174		mg/Kg		87	78 - 120
trans-1,3-Dichloropropene	0.0200	0.0152	*	mg/Kg		76	77 - 120
Trichloroethene	0.0200	0.0166		mg/Kg		83	80 - 120
Trichlorofluoromethane	0.0200	0.0204		mg/Kg		102	61 - 130
Vinyl chloride	0.0200	0.0192		mg/Kg		96	54 - 122
Xylenes, Total	0.0400	0.0367		mg/Kg		92	80 - 120

Surrogate	*LCS %Recovery*	*LCS Qualifier*	*Limits*
1,2-Dichloroethane-d4 (Surr)	*80*		*65 - 138*
4-Bromofluorobenzene	*96*		*71 - 128*
Dibromofluoromethane (Surr)	*92*		*50 - 150*
Toluene-d8 (Surr)	*98*		*71 - 126*

Lab Sample ID: LCSD 460-1067700/4
Matrix: Solid
Analysis Batch: 1067700

Client Sample ID: Lab Control Sample Dup
Prep Type: Total/NA

Analyte	Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
1,1,1-Trichloroethane	0.0200	0.0161		mg/Kg		80	78 - 120	2	30
1,1,2,2-Tetrachloroethane	0.0200	0.0186		mg/Kg		93	70 - 133	1	30
1,1,2-Trichloro-1,2,2-trifluoroethane	0.0200	0.0181		mg/Kg		90	75 - 121	0	30
1,1,2-Trichloroethane	0.0200	0.0186		mg/Kg		93	80 - 120	1	30
1,1-Dichloroethane	0.0200	0.0172		mg/Kg		86	72 - 120	0	30
1,1-Dichloroethene	0.0200	0.0189		mg/Kg		94	76 - 120	2	30
1,2,3-Trichlorobenzene	0.0200	0.0177		mg/Kg		89	77 - 137	5	30
1,2,4-Trichlorobenzene	0.0200	0.0173		mg/Kg		86	77 - 136	8	30
1,2,4-Trimethylbenzene	0.0200	0.0187		mg/Kg		93	75 - 120	4	30
1,2-Dibromo-3-Chloropropane	0.0200	0.0172		mg/Kg		86	80 - 124	0	30
1,2-Dichlorobenzene	0.0200	0.0192		mg/Kg		96	80 - 120	3	30
1,2-Dichloroethane	0.0200	0.0141		mg/Kg		70	70 - 123	2	30
1,2-Dichloropropane	0.0200	0.0174		mg/Kg		87	73 - 124	1	30
1,3,5-Trimethylbenzene	0.0200	0.0185		mg/Kg		93	70 - 120	2	30
1,3-Dichlorobenzene	0.0200	0.0196		mg/Kg		98	80 - 120	4	30
1,4-Dichlorobenzene	0.0200	0.0188		mg/Kg		94	80 - 120	5	30
2-Butanone (MEK)	0.100	0.109		mg/Kg		109	64 - 128	2	30
2-Hexanone	0.100	0.0956		mg/Kg		96	75 - 120	2	30
4-Methyl-2-pentanone (MIBK)	0.100	0.0980		mg/Kg		98	80 - 120	3	30
Acetone	0.100	0.0915		mg/Kg		92	58 - 122	3	30
Benzene	0.0200	0.0182		mg/Kg		91	75 - 120	1	30
Bromoform	0.0200	0.0170		mg/Kg		85	61 - 125	1	30
Bromomethane	0.0200	0.0426	*	mg/Kg		213	37 - 150	5	30
Carbon disulfide	0.0200	0.0150		mg/Kg		75	57 - 133	2	30
Carbon tetrachloride	0.0200	0.0158		mg/Kg		79	66 - 127	3	30
Chlorobenzene	0.0200	0.0186		mg/Kg		93	80 - 120	3	30

Method: 8260D - Volatile Organic Compounds by GC/MS (Continued)

Lab Sample ID: LCSD 460-1067700/4
Matrix: Solid
Analysis Batch: 1067700

Client Sample ID: Lab Control Sample Dup
Prep Type: Total/NA

Analyte			Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Chlorobromomethane			0.0200	0.0186		mg/Kg		93	76 - 127	0	30
Chlorodibromomethane			0.0200	0.0174		mg/Kg		87	72 - 120	0	30
Chloroethane			0.0200	0.0241		mg/Kg		120	60 - 123	0	30
Chloroform			0.0200	0.0172		mg/Kg		86	79 - 126	3	30
Chloromethane			0.0200	0.0201		mg/Kg		100	46 - 122	3	30
cis-1,2-Dichloroethene			0.0200	0.0179		mg/Kg		90	80 - 123	1	30
cis-1,3-Dichloropropene			0.0200	0.0164		mg/Kg		82	75 - 120	2	30
Cyclohexane			0.0200	0.0176		mg/Kg		88	65 - 132	1	30
Dichlorobromomethane			0.0200	0.0164		mg/Kg		82	77 - 124	1	30
Dichlorodifluoromethane			0.0200	0.0250		mg/Kg		125	45 - 129	2	30
Ethylbenzene			0.0200	0.0189		mg/Kg		95	80 - 120	5	30
Ethylene Dibromide			0.0200	0.0180		mg/Kg		90	79 - 120	1	30
Isopropylbenzene			0.0200	0.0186		mg/Kg		93	74 - 120	2	30
Methyl acetate			0.0400	0.0274		mg/Kg		69	57 - 120	0	30
Methyl tert-butyl ether			0.0200	0.0162		mg/Kg		81	74 - 125	1	30
Methylcyclohexane			0.0200	0.0173		mg/Kg		86	66 - 125	0	30
Methylene Chloride			0.0200	0.0191		mg/Kg		96	78 - 120	3	30
m-Xylene & p-Xylene			0.0200	0.0187		mg/Kg		94	80 - 120	4	30
n-Butylbenzene			0.0200	0.0181		mg/Kg		90	72 - 120	2	30
N-Propylbenzene			0.0200	0.0187		mg/Kg		93	68 - 120	2	30
o-Xylene			0.0200	0.0192		mg/Kg		96	80 - 120	3	30
sec-Butylbenzene			0.0200	0.0185		mg/Kg		92	78 - 120	0	30
Styrene			0.0200	0.0190		mg/Kg		95	80 - 120	4	30
tert-Butylbenzene			0.0200	0.0187		mg/Kg		94	80 - 120	1	30
Tetrachloroethene			0.0200	0.0173		mg/Kg		86	73 - 120	3	30
Toluene			0.0200	0.0177		mg/Kg		89	80 - 120	2	30
trans-1,2-Dichloroethene			0.0200	0.0178		mg/Kg		89	78 - 120	2	30
trans-1,3-Dichloropropene			0.0200	0.0153		mg/Kg		77	77 - 120	1	30
Trichloroethene			0.0200	0.0173		mg/Kg		87	80 - 120	4	30
Trichlorofluoromethane			0.0200	0.0204		mg/Kg		102	61 - 130	0	30
Vinyl chloride			0.0200	0.0195		mg/Kg		97	54 - 122	1	30
Xylenes, Total			0.0400	0.0379		mg/Kg		95	80 - 120	3	30

Surrogate	*LCSD %Recovery*	*LCSD Qualifier*	*Limits*
1,2-Dichloroethane-d4 (Surr)	*80*		*65 - 138*
4-Bromofluorobenzene	*95*		*71 - 128*
Dibromofluoromethane (Surr)	*92*		*50 - 150*
Toluene-d8 (Surr)	*98*		*71 - 126*

Lab Sample ID: MB 460-1067702/7
Matrix: Solid
Analysis Batch: 1067702

Client Sample ID: Method Blank
Prep Type: Total/NA

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1-Trichloroethane	0.0010	U	0.0010	0.00023	mg/Kg			10/11/25 17:36	1
1,1,2,2-Tetrachloroethane	0.0010	U	0.0010	0.00052	mg/Kg			10/11/25 17:36	1
1,1,2-Trichloro-1,2,2-trifluoroethane	0.0010	U	0.0010	0.00030	mg/Kg			10/11/25 17:36	1
1,1,2-Trichloroethane	0.0010	U	0.0010	0.00060	mg/Kg			10/11/25 17:36	1

Method: 8260D - Volatile Organic Compounds by GC/MS (Continued)

Lab Sample ID: MB 460-1067702/7
Matrix: Solid
Analysis Batch: 1067702

Client Sample ID: Method Blank
Prep Type: Total/NA

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1-Dichloroethane	0.0010	U	0.0010	0.00060	mg/Kg			10/11/25 17:36	1
1,1-Dichloroethene	0.0010	U	0.0010	0.00023	mg/Kg			10/11/25 17:36	1
1,2,3-Trichlorobenzene	0.0010	U	0.0010	0.00074	mg/Kg			10/11/25 17:36	1
1,2,4-Trichlorobenzene	0.0010	U	0.0010	0.00036	mg/Kg			10/11/25 17:36	1
1,2,4-Trimethylbenzene	0.0010	U	0.0010	0.00025	mg/Kg			10/11/25 17:36	1
1,2-Dibromo-3-Chloropropane	0.0010	U	0.0010	0.00046	mg/Kg			10/11/25 17:36	1
1,2-Dichlorobenzene	0.0010	U	0.0010	0.00036	mg/Kg			10/11/25 17:36	1
1,2-Dichloroethane	0.0010	U	0.0010	0.00030	mg/Kg			10/11/25 17:36	1
1,2-Dichloropropane	0.0010	U	0.0010	0.00042	mg/Kg			10/11/25 17:36	1
1,3,5-Trimethylbenzene	0.0010	U	0.0010	0.00031	mg/Kg			10/11/25 17:36	1
1,3-Dichlorobenzene	0.0010	U	0.0010	0.00037	mg/Kg			10/11/25 17:36	1
1,4-Dichlorobenzene	0.0010	U	0.0010	0.00052	mg/Kg			10/11/25 17:36	1
2-Butanone (MEK)	0.0050	U	0.0050	0.00037	mg/Kg			10/11/25 17:36	1
2-Hexanone	0.0050	U	0.0050	0.0017	mg/Kg			10/11/25 17:36	1
4-Methyl-2-pentanone (MIBK)	0.0050	U	0.0050	0.0016	mg/Kg			10/11/25 17:36	1
Acetone	0.0060	U	0.0060	0.0057	mg/Kg			10/11/25 17:36	1
Benzene	0.0010	U	0.0010	0.00057	mg/Kg			10/11/25 17:36	1
Bromoform	0.0010	U	0.0010	0.00043	mg/Kg			10/11/25 17:36	1
Bromomethane	0.0020	U	0.0020	0.0010	mg/Kg			10/11/25 17:36	1
Carbon disulfide	0.0010	U	0.0010	0.00027	mg/Kg			10/11/25 17:36	1
Carbon tetrachloride	0.0010	U	0.0010	0.00039	mg/Kg			10/11/25 17:36	1
Chlorobenzene	0.0010	U	0.0010	0.00051	mg/Kg			10/11/25 17:36	1
Chlorobromomethane	0.0010	U	0.0010	0.00060	mg/Kg			10/11/25 17:36	1
Chlorodibromomethane	0.0010	U	0.0010	0.00054	mg/Kg			10/11/25 17:36	1
Chloroethane	0.0010	U	0.0010	0.00052	mg/Kg			10/11/25 17:36	1
Chloroform	0.0010	U	0.0010	0.00097	mg/Kg			10/11/25 17:36	1
Chloromethane	0.0010	U	0.0010	0.00044	mg/Kg			10/11/25 17:36	1
cis-1,2-Dichloroethene	0.0010	U	0.0010	0.00036	mg/Kg			10/11/25 17:36	1
cis-1,3-Dichloropropene	0.0010	U	0.0010	0.00027	mg/Kg			10/11/25 17:36	1
Cyclohexane	0.0010	U	0.0010	0.00022	mg/Kg			10/11/25 17:36	1
Dichlorobromomethane	0.0010	U	0.0010	0.00026	mg/Kg			10/11/25 17:36	1
Dichlorodifluoromethane	0.0010	U	0.0010	0.00034	mg/Kg			10/11/25 17:36	1
Ethylbenzene	0.0010	U	0.0010	0.00047	mg/Kg			10/11/25 17:36	1
Ethylene Dibromide	0.0010	U	0.0010	0.00050	mg/Kg			10/11/25 17:36	1
Isopropylbenzene	0.0010	U	0.0010	0.00029	mg/Kg			10/11/25 17:36	1
Methyl acetate	0.0050	U	0.0050	0.0043	mg/Kg			10/11/25 17:36	1
Methyl tert-butyl ether	0.0010	U	0.0010	0.00051	mg/Kg			10/11/25 17:36	1
Methylcyclohexane	0.0010	U	0.0010	0.00050	mg/Kg			10/11/25 17:36	1
Methylene Chloride	0.0020	U	0.0020	0.0011	mg/Kg			10/11/25 17:36	1
m-Xylene & p-Xylene	0.0010	U	0.0010	0.00042	mg/Kg			10/11/25 17:36	1
n-Butylbenzene	0.0010	U	0.0010	0.00029	mg/Kg			10/11/25 17:36	1
N-Propylbenzene	0.0010	U	0.0010	0.00045	mg/Kg			10/11/25 17:36	1
o-Xylene	0.0010	U	0.0010	0.00046	mg/Kg			10/11/25 17:36	1
sec-Butylbenzene	0.0010	U	0.0010	0.00029	mg/Kg			10/11/25 17:36	1
Styrene	0.0010	U	0.0010	0.00028	mg/Kg			10/11/25 17:36	1
tert-Butylbenzene	0.0010	U	0.0010	0.00028	mg/Kg			10/11/25 17:36	1
Tetrachloroethene	0.0010	U	0.0010	0.00031	mg/Kg			10/11/25 17:36	1
Toluene	0.0010	U	0.0010	0.00023	mg/Kg			10/11/25 17:36	1
trans-1,2-Dichloroethene	0.0010	U	0.0010	0.00025	mg/Kg			10/11/25 17:36	1

Method: 8260D - Volatile Organic Compounds by GC/MS (Continued)

Lab Sample ID: MB 460-1067702/7
Matrix: Solid
Analysis Batch: 1067702

Client Sample ID: Method Blank
Prep Type: Total/NA

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
trans-1,3-Dichloropropene	0.0010	U	0.0010	0.00027	mg/Kg			10/11/25 17:36	1
Trichloroethene	0.0010	U	0.0010	0.00032	mg/Kg			10/11/25 17:36	1
Trichlorofluoromethane	0.0010	U	0.0010	0.00041	mg/Kg			10/11/25 17:36	1
Vinyl chloride	0.0010	U	0.0010	0.00055	mg/Kg			10/11/25 17:36	1
Xylenes, Total	0.0020	U	0.0020	0.00017	mg/Kg			10/11/25 17:36	1

Surrogate	*MB %Recovery*	*MB Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,2-Dichloroethane-d4 (Surr)	*104*		*65 - 138*		*10/11/25 17:36*	*1*
4-Bromofluorobenzene	*101*		*71 - 128*		*10/11/25 17:36*	*1*
Dibromofluoromethane (Surr)	*119*		*50 - 150*		*10/11/25 17:36*	*1*
Toluene-d8 (Surr)	*93*		*71 - 126*		*10/11/25 17:36*	*1*

Lab Sample ID: LCS 460-1067702/3
Matrix: Solid
Analysis Batch: 1067702

Client Sample ID: Lab Control Sample
Prep Type: Total/NA

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
1,1,1-Trichloroethane	0.0200	0.0180		mg/Kg		90	78 - 120
1,1,2,2-Tetrachloroethane	0.0200	0.0193		mg/Kg		97	70 - 133
1,1,2-Trichloro-1,2,2-trifluoroethane	0.0200	0.0189		mg/Kg		95	75 - 121
1,1,2-Trichloroethane	0.0200	0.0205		mg/Kg		103	80 - 120
1,1-Dichloroethane	0.0200	0.0176		mg/Kg		88	72 - 120
1,1-Dichloroethene	0.0200	0.0186		mg/Kg		93	76 - 120
1,2,3-Trichlorobenzene	0.0200	0.0197		mg/Kg		99	77 - 137
1,2,4-Trichlorobenzene	0.0200	0.0180		mg/Kg		90	77 - 136
1,2,4-Trimethylbenzene	0.0200	0.0178		mg/Kg		89	75 - 120
1,2-Dibromo-3-Chloropropane	0.0200	0.0179		mg/Kg		89	80 - 124
1,2-Dichlorobenzene	0.0200	0.0209		mg/Kg		104	80 - 120
1,2-Dichloroethane	0.0200	0.0194		mg/Kg		97	70 - 123
1,2-Dichloropropane	0.0200	0.0179		mg/Kg		90	73 - 124
1,3,5-Trimethylbenzene	0.0200	0.0177		mg/Kg		89	70 - 120
1,3-Dichlorobenzene	0.0200	0.0190		mg/Kg		95	80 - 120
1,4-Dichlorobenzene	0.0200	0.0195		mg/Kg		97	80 - 120
2-Butanone (MEK)	0.100	0.111		mg/Kg		111	64 - 128
2-Hexanone	0.100	0.111		mg/Kg		111	75 - 120
4-Methyl-2-pentanone (MIBK)	0.100	0.115		mg/Kg		115	80 - 120
Acetone	0.100	0.109		mg/Kg		109	58 - 122
Benzene	0.0200	0.0178		mg/Kg		89	75 - 120
Bromoform	0.0200	0.0194		mg/Kg		97	61 - 125
Bromomethane	0.0200	0.0176		mg/Kg		88	37 - 150
Carbon disulfide	0.0200	0.0180		mg/Kg		90	57 - 133
Carbon tetrachloride	0.0200	0.0178		mg/Kg		89	66 - 127
Chlorobenzene	0.0200	0.0189		mg/Kg		94	80 - 120
Chlorobromomethane	0.0200	0.0207		mg/Kg		104	76 - 127
Chlorodibromomethane	0.0200	0.0192		mg/Kg		96	72 - 120
Chloroethane	0.0200	0.0175		mg/Kg		88	60 - 123
Chloroform	0.0200	0.0184		mg/Kg		92	79 - 126
Chloromethane	0.0200	0.0158		mg/Kg		79	46 - 122

Method: 8260D - Volatile Organic Compounds by GC/MS (Continued)

Lab Sample ID: LCS 460-1067702/3
Matrix: Solid
Analysis Batch: 1067702

Client Sample ID: Lab Control Sample
Prep Type: Total/NA

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
cis-1,2-Dichloroethene	0.0200	0.0193		mg/Kg		97	80 - 123
cis-1,3-Dichloropropene	0.0200	0.0172		mg/Kg		86	75 - 120
Cyclohexane	0.0200	0.0192		mg/Kg		96	65 - 132
Dichlorobromomethane	0.0200	0.0193		mg/Kg		96	77 - 124
Dichlorodifluoromethane	0.0200	0.0216		mg/Kg		108	45 - 129
Ethylbenzene	0.0200	0.0188		mg/Kg		94	80 - 120
Ethylene Dibromide	0.0200	0.0214		mg/Kg		107	79 - 120
Isopropylbenzene	0.0200	0.0180		mg/Kg		90	74 - 120
Methyl acetate	0.0400	0.0385		mg/Kg		96	57 - 120
Methyl tert-butyl ether	0.0200	0.0189		mg/Kg		95	74 - 125
Methylcyclohexane	0.0200	0.0181		mg/Kg		91	66 - 125
Methylene Chloride	0.0200	0.0204		mg/Kg		102	78 - 120
m-Xylene & p-Xylene	0.0200	0.0185		mg/Kg		92	80 - 120
n-Butylbenzene	0.0200	0.0166		mg/Kg		83	72 - 120
N-Propylbenzene	0.0200	0.0175		mg/Kg		88	68 - 120
o-Xylene	0.0200	0.0190		mg/Kg		95	80 - 120
sec-Butylbenzene	0.0200	0.0174		mg/Kg		87	78 - 120
Styrene	0.0200	0.0185		mg/Kg		92	80 - 120
tert-Butylbenzene	0.0200	0.0176		mg/Kg		88	80 - 120
Tetrachloroethene	0.0200	0.0190		mg/Kg		95	73 - 120
Toluene	0.0200	0.0179		mg/Kg		89	80 - 120
trans-1,2-Dichloroethene	0.0200	0.0188		mg/Kg		94	78 - 120
trans-1,3-Dichloropropene	0.0200	0.0166		mg/Kg		83	77 - 120
Trichloroethene	0.0200	0.0187		mg/Kg		93	80 - 120
Trichlorofluoromethane	0.0200	0.0196		mg/Kg		98	61 - 130
Vinyl chloride	0.0200	0.0174		mg/Kg		87	54 - 122
Xylenes, Total	0.0400	0.0375		mg/Kg		94	80 - 120

Surrogate	*LCS %Recovery*	*LCS Qualifier*	*Limits*
1,2-Dichloroethane-d4 (Surr)	*97*		*65 - 138*
4-Bromofluorobenzene	*103*		*71 - 128*
Dibromofluoromethane (Surr)	*100*		*50 - 150*
Toluene-d8 (Surr)	*94*		*71 - 126*

Lab Sample ID: LCSD 460-1067702/4
Matrix: Solid
Analysis Batch: 1067702

Client Sample ID: Lab Control Sample Dup
Prep Type: Total/NA

Analyte	Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
1,1,1-Trichloroethane	0.0200	0.0193		mg/Kg		97	78 - 120	7	30
1,1,2,2-Tetrachloroethane	0.0200	0.0187		mg/Kg		94	70 - 133	3	30
1,1,2-Trichloro-1,2,2-trifluoroethane	0.0200	0.0212		mg/Kg		106	75 - 121	11	30
1,1,2-Trichloroethane	0.0200	0.0206		mg/Kg		103	80 - 120	1	30
1,1-Dichloroethane	0.0200	0.0187		mg/Kg		94	72 - 120	6	30
1,1-Dichloroethene	0.0200	0.0202		mg/Kg		101	76 - 120	8	30
1,2,3-Trichlorobenzene	0.0200	0.0201		mg/Kg		101	77 - 137	2	30
1,2,4-Trichlorobenzene	0.0200	0.0183		mg/Kg		92	77 - 136	2	30
1,2,4-Trimethylbenzene	0.0200	0.0187		mg/Kg		93	75 - 120	4	30

Method: 8260D - Volatile Organic Compounds by GC/MS (Continued)

Lab Sample ID: LCSD 460-1067702/4
Matrix: Solid
Analysis Batch: 1067702

Client Sample ID: Lab Control Sample Dup
Prep Type: Total/NA

Analyte	Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
1,2-Dibromo-3-Chloropropane	0.0200	0.0180		mg/Kg		90	80 - 124	1	30
1,2-Dichlorobenzene	0.0200	0.0214		mg/Kg		107	80 - 120	3	30
1,2-Dichloroethane	0.0200	0.0200		mg/Kg		100	70 - 123	3	30
1,2-Dichloropropane	0.0200	0.0184		mg/Kg		92	73 - 124	3	30
1,3,5-Trimethylbenzene	0.0200	0.0187		mg/Kg		94	70 - 120	6	30
1,3-Dichlorobenzene	0.0200	0.0197		mg/Kg		99	80 - 120	4	30
1,4-Dichlorobenzene	0.0200	0.0201		mg/Kg		100	80 - 120	3	30
2-Butanone (MEK)	0.100	0.111		mg/Kg		111	64 - 128	0	30
2-Hexanone	0.100	0.115		mg/Kg		115	75 - 120	3	30
4-Methyl-2-pentanone (MIBK)	0.100	0.120		mg/Kg		120	80 - 120	4	30
Acetone	0.100	0.111		mg/Kg		111	58 - 122	2	30
Benzene	0.0200	0.0185		mg/Kg		93	75 - 120	4	30
Bromoform	0.0200	0.0190		mg/Kg		95	61 - 125	2	30
Bromomethane	0.0200	0.0203		mg/Kg		101	37 - 150	14	30
Carbon disulfide	0.0200	0.0201		mg/Kg		100	57 - 133	11	30
Carbon tetrachloride	0.0200	0.0187		mg/Kg		94	66 - 127	5	30
Chlorobenzene	0.0200	0.0196		mg/Kg		98	80 - 120	4	30
Chlorobromomethane	0.0200	0.0219		mg/Kg		110	76 - 127	6	30
Chlorodibromomethane	0.0200	0.0196		mg/Kg		98	72 - 120	2	30
Chloroethane	0.0200	0.0198		mg/Kg		99	60 - 123	12	30
Chloroform	0.0200	0.0195		mg/Kg		97	79 - 126	6	30
Chloromethane	0.0200	0.0176		mg/Kg		88	46 - 122	11	30
cis-1,2-Dichloroethene	0.0200	0.0205		mg/Kg		102	80 - 123	6	30
cis-1,3-Dichloropropene	0.0200	0.0175		mg/Kg		87	75 - 120	2	30
Cyclohexane	0.0200	0.0204		mg/Kg		102	65 - 132	6	30
Dichlorobromomethane	0.0200	0.0200		mg/Kg		100	77 - 124	4	30
Dichlorodifluoromethane	0.0200	0.0194		mg/Kg		97	45 - 129	11	30
Ethylbenzene	0.0200	0.0201		mg/Kg		100	80 - 120	6	30
Ethylene Dibromide	0.0200	0.0216		mg/Kg		108	79 - 120	1	30
Isopropylbenzene	0.0200	0.0192		mg/Kg		96	74 - 120	7	30
Methyl acetate	0.0400	0.0348		mg/Kg		87	57 - 120	10	30
Methyl tert-butyl ether	0.0200	0.0186		mg/Kg		93	74 - 125	2	30
Methylcyclohexane	0.0200	0.0198		mg/Kg		99	66 - 125	9	30
Methylene Chloride	0.0200	0.0211		mg/Kg		105	78 - 120	4	30
m-Xylene & p-Xylene	0.0200	0.0196		mg/Kg		98	80 - 120	6	30
n-Butylbenzene	0.0200	0.0176		mg/Kg		88	72 - 120	6	30
N-Propylbenzene	0.0200	0.0188		mg/Kg		94	68 - 120	7	30
o-Xylene	0.0200	0.0199		mg/Kg		99	80 - 120	5	30
sec-Butylbenzene	0.0200	0.0185		mg/Kg		92	78 - 120	6	30
Styrene	0.0200	0.0192		mg/Kg		96	80 - 120	4	30
tert-Butylbenzene	0.0200	0.0189		mg/Kg		95	80 - 120	7	30
Tetrachloroethene	0.0200	0.0199		mg/Kg		100	73 - 120	5	30
Toluene	0.0200	0.0187		mg/Kg		93	80 - 120	4	30
trans-1,2-Dichloroethene	0.0200	0.0204		mg/Kg		102	78 - 120	8	30
trans-1,3-Dichloropropene	0.0200	0.0170		mg/Kg		85	77 - 120	2	30
Trichloroethene	0.0200	0.0204		mg/Kg		102	80 - 120	9	30
Trichlorofluoromethane	0.0200	0.0215		mg/Kg		107	61 - 130	9	30
Vinyl chloride	0.0200	0.0192		mg/Kg		96	54 - 122	10	30
Xylenes, Total	0.0400	0.0395		mg/Kg		99	80 - 120	5	30

Method: 8260D - Volatile Organic Compounds by GC/MS (Continued)

Surrogate	LCSD %Recovery	LCSD Qualifier	Limits
1,2-Dichloroethane-d4 (Surr)	*95*		*65 - 138*
4-Bromofluorobenzene	*104*		*71 - 128*
Dibromofluoromethane (Surr)	*100*		*50 - 150*
Toluene-d8 (Surr)	*94*		*71 - 126*

Lab Sample ID: MB 460-1067930/7
Matrix: Solid
Analysis Batch: 1067930

Client Sample ID: Method Blank
Prep Type: Total/NA

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1-Trichloroethane	0.0010	U	0.0010	0.00023	mg/Kg			10/13/25 12:21	1
1,1,2,2-Tetrachloroethane	0.0010	U	0.0010	0.00052	mg/Kg			10/13/25 12:21	1
1,1,2-Trichloro-1,2,2-trifluoroethane	0.0010	U	0.0010	0.00030	mg/Kg			10/13/25 12:21	1
1,1,2-Trichloroethane	0.0010	U	0.0010	0.00060	mg/Kg			10/13/25 12:21	1
1,1-Dichloroethane	0.0010	U	0.0010	0.00060	mg/Kg			10/13/25 12:21	1
1,1-Dichloroethene	0.0010	U	0.0010	0.00023	mg/Kg			10/13/25 12:21	1
1,2,3-Trichlorobenzene	0.0010	U	0.0010	0.00074	mg/Kg			10/13/25 12:21	1
1,2,4-Trichlorobenzene	0.0010	U	0.0010	0.00036	mg/Kg			10/13/25 12:21	1
1,2,4-Trimethylbenzene	0.0010	U	0.0010	0.00025	mg/Kg			10/13/25 12:21	1
1,2-Dibromo-3-Chloropropane	0.0010	U	0.0010	0.00046	mg/Kg			10/13/25 12:21	1
1,2-Dichlorobenzene	0.0010	U	0.0010	0.00036	mg/Kg			10/13/25 12:21	1
1,2-Dichloroethane	0.0010	U	0.0010	0.00030	mg/Kg			10/13/25 12:21	1
1,2-Dichloropropane	0.0010	U	0.0010	0.00042	mg/Kg			10/13/25 12:21	1
1,3,5-Trimethylbenzene	0.0010	U	0.0010	0.00031	mg/Kg			10/13/25 12:21	1
1,3-Dichlorobenzene	0.0010	U	0.0010	0.00037	mg/Kg			10/13/25 12:21	1
1,4-Dichlorobenzene	0.0010	U	0.0010	0.00052	mg/Kg			10/13/25 12:21	1
2-Butanone (MEK)	0.0050	U	0.0050	0.00037	mg/Kg			10/13/25 12:21	1
2-Hexanone	0.0050	U	0.0050	0.0017	mg/Kg			10/13/25 12:21	1
4-Methyl-2-pentanone (MIBK)	0.0050	U	0.0050	0.0016	mg/Kg			10/13/25 12:21	1
Acetone	0.0060	U	0.0060	0.0057	mg/Kg			10/13/25 12:21	1
Benzene	0.0010	U	0.0010	0.00057	mg/Kg			10/13/25 12:21	1
Bromoform	0.0010	U	0.0010	0.00043	mg/Kg			10/13/25 12:21	1
Bromomethane	0.0020	U	0.0020	0.0010	mg/Kg			10/13/25 12:21	1
Carbon disulfide	0.0010	U	0.0010	0.00027	mg/Kg			10/13/25 12:21	1
Carbon tetrachloride	0.0010	U	0.0010	0.00039	mg/Kg			10/13/25 12:21	1
Chlorobenzene	0.0010	U	0.0010	0.00051	mg/Kg			10/13/25 12:21	1
Chlorobromomethane	0.0010	U	0.0010	0.00060	mg/Kg			10/13/25 12:21	1
Chlorodibromomethane	0.0010	U	0.0010	0.00054	mg/Kg			10/13/25 12:21	1
Chloroethane	0.0010	U	0.0010	0.00052	mg/Kg			10/13/25 12:21	1
Chloroform	0.0010	U	0.0010	0.00097	mg/Kg			10/13/25 12:21	1
Chloromethane	0.0010	U	0.0010	0.00044	mg/Kg			10/13/25 12:21	1
cis-1,2-Dichloroethene	0.0010	U	0.0010	0.00036	mg/Kg			10/13/25 12:21	1
cis-1,3-Dichloropropene	0.0010	U	0.0010	0.00027	mg/Kg			10/13/25 12:21	1
Cyclohexane	0.0010	U	0.0010	0.00022	mg/Kg			10/13/25 12:21	1
Dichlorobromomethane	0.0010	U	0.0010	0.00026	mg/Kg			10/13/25 12:21	1
Dichlorodifluoromethane	0.0010	U	0.0010	0.00034	mg/Kg			10/13/25 12:21	1
Ethylbenzene	0.0010	U	0.0010	0.00047	mg/Kg			10/13/25 12:21	1
Ethylene Dibromide	0.0010	U	0.0010	0.00050	mg/Kg			10/13/25 12:21	1
Isopropylbenzene	0.0010	U	0.0010	0.00029	mg/Kg			10/13/25 12:21	1
Methyl acetate	0.0050	U	0.0050	0.0043	mg/Kg			10/13/25 12:21	1
Methyl tert-butyl ether	0.0010	U	0.0010	0.00051	mg/Kg			10/13/25 12:21	1

Method: 8260D - Volatile Organic Compounds by GC/MS (Continued)

Lab Sample ID: MB 460-1067930/7
Matrix: Solid
Analysis Batch: 1067930

Client Sample ID: Method Blank
Prep Type: Total/NA

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Methylcyclohexane	0.0010	U	0.0010	0.00050	mg/Kg			10/13/25 12:21	1
Methylene Chloride	0.0020	U	0.0020	0.0011	mg/Kg			10/13/25 12:21	1
m-Xylene & p-Xylene	0.0010	U	0.0010	0.00042	mg/Kg			10/13/25 12:21	1
n-Butylbenzene	0.0010	U	0.0010	0.00029	mg/Kg			10/13/25 12:21	1
N-Propylbenzene	0.0010	U	0.0010	0.00045	mg/Kg			10/13/25 12:21	1
o-Xylene	0.0010	U	0.0010	0.00046	mg/Kg			10/13/25 12:21	1
sec-Butylbenzene	0.0010	U	0.0010	0.00029	mg/Kg			10/13/25 12:21	1
Styrene	0.0010	U	0.0010	0.00028	mg/Kg			10/13/25 12:21	1
tert-Butylbenzene	0.0010	U	0.0010	0.00028	mg/Kg			10/13/25 12:21	1
Tetrachloroethene	0.0010	U	0.0010	0.00031	mg/Kg			10/13/25 12:21	1
Toluene	0.0010	U	0.0010	0.00023	mg/Kg			10/13/25 12:21	1
trans-1,2-Dichloroethene	0.0010	U	0.0010	0.00025	mg/Kg			10/13/25 12:21	1
trans-1,3-Dichloropropene	0.0010	U	0.0010	0.00027	mg/Kg			10/13/25 12:21	1
Trichloroethene	0.0010	U	0.0010	0.00032	mg/Kg			10/13/25 12:21	1
Trichlorofluoromethane	0.0010	U	0.0010	0.00041	mg/Kg			10/13/25 12:21	1
Vinyl chloride	0.0010	U	0.0010	0.00055	mg/Kg			10/13/25 12:21	1
Xylenes, Total	0.0020	U	0.0020	0.00017	mg/Kg			10/13/25 12:21	1

Surrogate	*MB %Recovery*	*MB Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,2-Dichloroethane-d4 (Surr)	*86*		*65 - 138*		*10/13/25 12:21*	*1*
4-Bromofluorobenzene	*90*		*71 - 128*		*10/13/25 12:21*	*1*
Dibromofluoromethane (Surr)	*98*		*50 - 150*		*10/13/25 12:21*	*1*
Toluene-d8 (Surr)	*97*		*71 - 126*		*10/13/25 12:21*	*1*

Lab Sample ID: LCS 460-1067930/3
Matrix: Solid
Analysis Batch: 1067930

Client Sample ID: Lab Control Sample
Prep Type: Total/NA

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
1,1,1-Trichloroethane	0.0200	0.0161		mg/Kg		81	78 - 120
1,1,2,2-Tetrachloroethane	0.0200	0.0204		mg/Kg		102	70 - 133
1,1,2-Trichloro-1,2,2-trifluoroethane	0.0200	0.0182		mg/Kg		91	75 - 121
1,1,2-Trichloroethane	0.0200	0.0199		mg/Kg		99	80 - 120
1,1-Dichloroethane	0.0200	0.0179		mg/Kg		90	72 - 120
1,1-Dichloroethene	0.0200	0.0193		mg/Kg		96	76 - 120
1,2,3-Trichlorobenzene	0.0200	0.0201		mg/Kg		101	77 - 137
1,2,4-Trichlorobenzene	0.0200	0.0202		mg/Kg		101	77 - 136
1,2,4-Trimethylbenzene	0.0200	0.0202		mg/Kg		101	75 - 120
1,2-Dibromo-3-Chloropropane	0.0200	0.0188		mg/Kg		94	80 - 124
1,2-Dichlorobenzene	0.0200	0.0207		mg/Kg		104	80 - 120
1,2-Dichloroethane	0.0200	0.0157		mg/Kg		78	70 - 123
1,2-Dichloropropane	0.0200	0.0183		mg/Kg		91	73 - 124
1,3,5-Trimethylbenzene	0.0200	0.0198		mg/Kg		99	70 - 120
1,3-Dichlorobenzene	0.0200	0.0214		mg/Kg		107	80 - 120
1,4-Dichlorobenzene	0.0200	0.0208		mg/Kg		104	80 - 120
2-Butanone (MEK)	0.100	0.121		mg/Kg		121	64 - 128
2-Hexanone	0.100	0.102		mg/Kg		102	75 - 120
4-Methyl-2-pentanone (MIBK)	0.100	0.105		mg/Kg		105	80 - 120

Method: 8260D - Volatile Organic Compounds by GC/MS (Continued)

Lab Sample ID: LCS 460-1067930/3
Matrix: Solid
Analysis Batch: 1067930

Client Sample ID: Lab Control Sample
Prep Type: Total/NA

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
Acetone	0.100	0.101		mg/Kg		101	58 - 122
Benzene	0.0200	0.0189		mg/Kg		94	75 - 120
Bromoform	0.0200	0.0186		mg/Kg		93	61 - 125
Bromomethane	0.0200	0.0154		mg/Kg		77	37 - 150
Carbon disulfide	0.0200	0.0186		mg/Kg		93	57 - 133
Carbon tetrachloride	0.0200	0.0159		mg/Kg		79	66 - 127
Chlorobenzene	0.0200	0.0196		mg/Kg		98	80 - 120
Chlorobromomethane	0.0200	0.0204		mg/Kg		102	76 - 127
Chlorodibromomethane	0.0200	0.0185		mg/Kg		92	72 - 120
Chloroethane	0.0200	0.0160		mg/Kg		80	60 - 123
Chloroform	0.0200	0.0179		mg/Kg		89	79 - 126
Chloromethane	0.0200	0.0180		mg/Kg		90	46 - 122
cis-1,2-Dichloroethene	0.0200	0.0189		mg/Kg		94	80 - 123
cis-1,3-Dichloropropene	0.0200	0.0182		mg/Kg		91	75 - 120
Cyclohexane	0.0200	0.0186		mg/Kg		93	65 - 132
Dichlorobromomethane	0.0200	0.0170		mg/Kg		85	77 - 124
Dichlorodifluoromethane	0.0200	0.0170		mg/Kg		85	45 - 129
Ethylbenzene	0.0200	0.0195		mg/Kg		97	80 - 120
Ethylene Dibromide	0.0200	0.0197		mg/Kg		99	79 - 120
Isopropylbenzene	0.0200	0.0190		mg/Kg		95	74 - 120
Methyl acetate	0.0400	0.0310		mg/Kg		78	57 - 120
Methyl tert-butyl ether	0.0200	0.0177		mg/Kg		89	74 - 125
Methylcyclohexane	0.0200	0.0187		mg/Kg		93	66 - 125
Methylene Chloride	0.0200	0.0208		mg/Kg		104	78 - 120
m-Xylene & p-Xylene	0.0200	0.0198		mg/Kg		99	80 - 120
n-Butylbenzene	0.0200	0.0205		mg/Kg		103	72 - 120
N-Propylbenzene	0.0200	0.0195		mg/Kg		98	68 - 120
o-Xylene	0.0200	0.0202		mg/Kg		101	80 - 120
sec-Butylbenzene	0.0200	0.0200		mg/Kg		100	78 - 120
Styrene	0.0200	0.0202		mg/Kg		101	80 - 120
tert-Butylbenzene	0.0200	0.0194		mg/Kg		97	80 - 120
Tetrachloroethene	0.0200	0.0178		mg/Kg		89	73 - 120
Toluene	0.0200	0.0185		mg/Kg		92	80 - 120
trans-1,2-Dichloroethene	0.0200	0.0192		mg/Kg		96	78 - 120
trans-1,3-Dichloropropene	0.0200	0.0175		mg/Kg		88	77 - 120
Trichloroethene	0.0200	0.0178		mg/Kg		89	80 - 120
Trichlorofluoromethane	0.0200	0.0171		mg/Kg		85	61 - 130
Vinyl chloride	0.0200	0.0167		mg/Kg		84	54 - 122
Xylenes, Total	0.0400	0.0400		mg/Kg		100	80 - 120

Surrogate	*LCS %Recovery*	*LCS Qualifier*	*Limits*
1,2-Dichloroethane-d4 (Surr)	*81*		*65 - 138*
4-Bromofluorobenzene	*96*		*71 - 128*
Dibromofluoromethane (Surr)	*92*		*50 - 150*
Toluene-d8 (Surr)	*97*		*71 - 126*

Method: 8260D - Volatile Organic Compounds by GC/MS (Continued)

Lab Sample ID: LCSD 460-1067930/4
Matrix: Solid
Analysis Batch: 1067930

Client Sample ID: Lab Control Sample Dup
Prep Type: Total/NA

Analyte			Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
1,1,1-Trichloroethane			0.0200	0.0172		mg/Kg		86	78 - 120	6	30
1,1,2,2-Tetrachloroethane			0.0200	0.0207		mg/Kg		104	70 - 133	2	30
1,1,2-Trichloro-1,2,2-trifluoroethane			0.0200	0.0205		mg/Kg		103	75 - 121	12	30
1,1,2-Trichloroethane			0.0200	0.0203		mg/Kg		101	80 - 120	2	30
1,1-Dichloroethane			0.0200	0.0185		mg/Kg		93	72 - 120	3	30
1,1-Dichloroethene			0.0200	0.0211		mg/Kg		106	76 - 120	9	30
1,2,3-Trichlorobenzene			0.0200	0.0200		mg/Kg		100	77 - 137	0	30
1,2,4-Trichlorobenzene			0.0200	0.0201		mg/Kg		101	77 - 136	0	30
1,2,4-Trimethylbenzene			0.0200	0.0209		mg/Kg		105	75 - 120	3	30
1,2-Dibromo-3-Chloropropane			0.0200	0.0194		mg/Kg		97	80 - 124	3	30
1,2-Dichlorobenzene			0.0200	0.0209		mg/Kg		105	80 - 120	1	30
1,2-Dichloroethane			0.0200	0.0157		mg/Kg		78	70 - 123	0	30
1,2-Dichloropropane			0.0200	0.0187		mg/Kg		93	73 - 124	2	30
1,3,5-Trimethylbenzene			0.0200	0.0208		mg/Kg		104	70 - 120	5	30
1,3-Dichlorobenzene			0.0200	0.0218		mg/Kg		109	80 - 120	2	30
1,4-Dichlorobenzene			0.0200	0.0209		mg/Kg		105	80 - 120	1	30
2-Butanone (MEK)			0.100	0.120		mg/Kg		120	64 - 128	1	30
2-Hexanone			0.100	0.102		mg/Kg		102	75 - 120	0	30
4-Methyl-2-pentanone (MIBK)			0.100	0.103		mg/Kg		103	80 - 120	1	30
Acetone			0.100	0.0989		mg/Kg		99	58 - 122	2	30
Benzene			0.0200	0.0201		mg/Kg		100	75 - 120	6	30
Bromoform			0.0200	0.0191		mg/Kg		95	61 - 125	3	30
Bromomethane			0.0200	0.0154		mg/Kg		77	37 - 150	0	30
Carbon disulfide			0.0200	0.0200		mg/Kg		100	57 - 133	7	30
Carbon tetrachloride			0.0200	0.0171		mg/Kg		86	66 - 127	7	30
Chlorobenzene			0.0200	0.0204		mg/Kg		102	80 - 120	4	30
Chlorobromomethane			0.0200	0.0205		mg/Kg		103	76 - 127	1	30
Chlorodibromomethane			0.0200	0.0191		mg/Kg		96	72 - 120	3	30
Chloroethane			0.0200	0.0155		mg/Kg		77	60 - 123	3	30
Chloroform			0.0200	0.0183		mg/Kg		91	79 - 126	2	30
Chloromethane			0.0200	0.0186		mg/Kg		93	46 - 122	3	30
cis-1,2-Dichloroethene			0.0200	0.0195		mg/Kg		98	80 - 123	3	30
cis-1,3-Dichloropropene			0.0200	0.0186		mg/Kg		93	75 - 120	2	30
Cyclohexane			0.0200	0.0204		mg/Kg		102	65 - 132	10	30
Dichlorobromomethane			0.0200	0.0175		mg/Kg		88	77 - 124	3	30
Dichlorodifluoromethane			0.0200	0.0189		mg/Kg		95	45 - 129	11	30
Ethylbenzene			0.0200	0.0209		mg/Kg		104	80 - 120	7	30
Ethylene Dibromide			0.0200	0.0202		mg/Kg		101	79 - 120	2	30
Isopropylbenzene			0.0200	0.0204		mg/Kg		102	74 - 120	7	30
Methyl acetate			0.0400	0.0315		mg/Kg		79	57 - 120	2	30
Methyl tert-butyl ether			0.0200	0.0179		mg/Kg		89	74 - 125	1	30
Methylcyclohexane			0.0200	0.0208		mg/Kg		104	66 - 125	11	30
Methylene Chloride			0.0200	0.0212		mg/Kg		106	78 - 120	2	30
m-Xylene & p-Xylene			0.0200	0.0207		mg/Kg		103	80 - 120	5	30
n-Butylbenzene			0.0200	0.0216		mg/Kg		108	72 - 120	5	30
N-Propylbenzene			0.0200	0.0209		mg/Kg		105	68 - 120	7	30
o-Xylene			0.0200	0.0210		mg/Kg		105	80 - 120	4	30
sec-Butylbenzene			0.0200	0.0213		mg/Kg		107	78 - 120	7	30

Method: 8260D - Volatile Organic Compounds by GC/MS (Continued)

Lab Sample ID: LCSD 460-1067930/4
Matrix: Solid
Analysis Batch: 1067930

Client Sample ID: Lab Control Sample Dup
Prep Type: Total/NA

Analyte			Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Styrene			0.0200	0.0207		mg/Kg		103	80 - 120	2	30
tert-Butylbenzene			0.0200	0.0208		mg/Kg		104	80 - 120	7	30
Tetrachloroethene			0.0200	0.0192		mg/Kg		96	73 - 120	8	30
Toluene			0.0200	0.0196		mg/Kg		98	80 - 120	6	30
trans-1,2-Dichloroethene			0.0200	0.0202		mg/Kg		101	78 - 120	5	30
trans-1,3-Dichloropropene			0.0200	0.0181		mg/Kg		91	77 - 120	4	30
Trichloroethene			0.0200	0.0189		mg/Kg		94	80 - 120	6	30
Trichlorofluoromethane			0.0200	0.0184		mg/Kg		92	61 - 130	7	30
Vinyl chloride			0.0200	0.0178		mg/Kg		89	54 - 122	6	30
Xylenes, Total			0.0400	0.0417		mg/Kg		104	80 - 120	4	30

Surrogate	*LCSD %Recovery*	*LCSD Qualifier*	*Limits*
1,2-Dichloroethane-d4 (Surr)	*80*		*65 - 138*
4-Bromofluorobenzene	*96*		*71 - 128*
Dibromofluoromethane (Surr)	*91*		*50 - 150*
Toluene-d8 (Surr)	*99*		*71 - 126*

Lab Sample ID: MB 460-1067931/6
Matrix: Solid
Analysis Batch: 1067931

Client Sample ID: Method Blank
Prep Type: Total/NA

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1-Trichloroethane	0.0010	U	0.0010	0.00023	mg/Kg			10/13/25 08:53	1
1,1,2,2-Tetrachloroethane	0.0010	U	0.0010	0.00052	mg/Kg			10/13/25 08:53	1
1,1,2-Trichloro-1,2,2-trifluoroethane	0.0010	U	0.0010	0.00030	mg/Kg			10/13/25 08:53	1
1,1,2-Trichloroethane	0.0010	U	0.0010	0.00060	mg/Kg			10/13/25 08:53	1
1,1-Dichloroethane	0.0010	U	0.0010	0.00060	mg/Kg			10/13/25 08:53	1
1,1-Dichloroethene	0.0010	U	0.0010	0.00023	mg/Kg			10/13/25 08:53	1
1,2,3-Trichlorobenzene	0.0010	U	0.0010	0.00074	mg/Kg			10/13/25 08:53	1
1,2,4-Trichlorobenzene	0.0010	U	0.0010	0.00036	mg/Kg			10/13/25 08:53	1
1,2,4-Trimethylbenzene	0.0010	U	0.0010	0.00025	mg/Kg			10/13/25 08:53	1
1,2-Dibromo-3-Chloropropane	0.0010	U	0.0010	0.00046	mg/Kg			10/13/25 08:53	1
1,2-Dichlorobenzene	0.0010	U	0.0010	0.00036	mg/Kg			10/13/25 08:53	1
1,2-Dichloroethane	0.0010	U	0.0010	0.00030	mg/Kg			10/13/25 08:53	1
1,2-Dichloropropane	0.0010	U	0.0010	0.00042	mg/Kg			10/13/25 08:53	1
1,3,5-Trimethylbenzene	0.0010	U	0.0010	0.00031	mg/Kg			10/13/25 08:53	1
1,3-Dichlorobenzene	0.0010	U	0.0010	0.00037	mg/Kg			10/13/25 08:53	1
1,4-Dichlorobenzene	0.0010	U	0.0010	0.00052	mg/Kg			10/13/25 08:53	1
2-Butanone (MEK)	0.0050	U	0.0050	0.00037	mg/Kg			10/13/25 08:53	1
2-Hexanone	0.0050	U	0.0050	0.0017	mg/Kg			10/13/25 08:53	1
4-Methyl-2-pentanone (MIBK)	0.0050	U	0.0050	0.0016	mg/Kg			10/13/25 08:53	1
Acetone	0.0060	U	0.0060	0.0057	mg/Kg			10/13/25 08:53	1
Benzene	0.0010	U	0.0010	0.00057	mg/Kg			10/13/25 08:53	1
Bromoform	0.0010	U	0.0010	0.00043	mg/Kg			10/13/25 08:53	1
Bromomethane	0.0020	U	0.0020	0.0010	mg/Kg			10/13/25 08:53	1
Carbon disulfide	0.0010	U	0.0010	0.00027	mg/Kg			10/13/25 08:53	1
Carbon tetrachloride	0.0010	U	0.0010	0.00039	mg/Kg			10/13/25 08:53	1
Chlorobenzene	0.0010	U	0.0010	0.00051	mg/Kg			10/13/25 08:53	1

Method: 8260D - Volatile Organic Compounds by GC/MS (Continued)

Lab Sample ID: MB 460-1067931/6
Matrix: Solid
Analysis Batch: 1067931

Client Sample ID: Method Blank
Prep Type: Total/NA

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chlorobromomethane	0.0010	U	0.0010	0.00060	mg/Kg			10/13/25 08:53	1
Chlorodibromomethane	0.0010	U	0.0010	0.00054	mg/Kg			10/13/25 08:53	1
Chloroethane	0.0010	U	0.0010	0.00052	mg/Kg			10/13/25 08:53	1
Chloroform	0.0010	U	0.0010	0.00097	mg/Kg			10/13/25 08:53	1
Chloromethane	0.0010	U	0.0010	0.00044	mg/Kg			10/13/25 08:53	1
cis-1,2-Dichloroethene	0.0010	U	0.0010	0.00036	mg/Kg			10/13/25 08:53	1
cis-1,3-Dichloropropene	0.0010	U	0.0010	0.00027	mg/Kg			10/13/25 08:53	1
Cyclohexane	0.0010	U	0.0010	0.00022	mg/Kg			10/13/25 08:53	1
Dichlorobromomethane	0.0010	U	0.0010	0.00026	mg/Kg			10/13/25 08:53	1
Dichlorodifluoromethane	0.0010	U	0.0010	0.00034	mg/Kg			10/13/25 08:53	1
Ethylbenzene	0.0010	U	0.0010	0.00047	mg/Kg			10/13/25 08:53	1
Ethylene Dibromide	0.0010	U	0.0010	0.00050	mg/Kg			10/13/25 08:53	1
Isopropylbenzene	0.0010	U	0.0010	0.00029	mg/Kg			10/13/25 08:53	1
Methyl acetate	0.0050	U	0.0050	0.0043	mg/Kg			10/13/25 08:53	1
Methyl tert-butyl ether	0.0010	U	0.0010	0.00051	mg/Kg			10/13/25 08:53	1
Methylcyclohexane	0.0010	U	0.0010	0.00050	mg/Kg			10/13/25 08:53	1
Methylene Chloride	0.0020	U	0.0020	0.0011	mg/Kg			10/13/25 08:53	1
m-Xylene & p-Xylene	0.0010	U	0.0010	0.00042	mg/Kg			10/13/25 08:53	1
n-Butylbenzene	0.0010	U	0.0010	0.00029	mg/Kg			10/13/25 08:53	1
N-Propylbenzene	0.0010	U	0.0010	0.00045	mg/Kg			10/13/25 08:53	1
o-Xylene	0.0010	U	0.0010	0.00046	mg/Kg			10/13/25 08:53	1
sec-Butylbenzene	0.0010	U	0.0010	0.00029	mg/Kg			10/13/25 08:53	1
Styrene	0.0010	U	0.0010	0.00028	mg/Kg			10/13/25 08:53	1
tert-Butylbenzene	0.0010	U	0.0010	0.00028	mg/Kg			10/13/25 08:53	1
Tetrachloroethene	0.0010	U	0.0010	0.00031	mg/Kg			10/13/25 08:53	1
Toluene	0.0010	U	0.0010	0.00023	mg/Kg			10/13/25 08:53	1
trans-1,2-Dichloroethene	0.0010	U	0.0010	0.00025	mg/Kg			10/13/25 08:53	1
trans-1,3-Dichloropropene	0.0010	U	0.0010	0.00027	mg/Kg			10/13/25 08:53	1
Trichloroethene	0.0010	U	0.0010	0.00032	mg/Kg			10/13/25 08:53	1
Trichlorofluoromethane	0.0010	U	0.0010	0.00041	mg/Kg			10/13/25 08:53	1
Vinyl chloride	0.0010	U	0.0010	0.00055	mg/Kg			10/13/25 08:53	1
Xylenes, Total	0.0020	U	0.0020	0.00017	mg/Kg			10/13/25 08:53	1

Surrogate	*MB %Recovery*	*MB Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,2-Dichloroethane-d4 (Surr)	*109*		*65 - 138*		*10/13/25 08:53*	*1*
4-Bromofluorobenzene	*101*		*71 - 128*		*10/13/25 08:53*	*1*
Dibromofluoromethane (Surr)	*118*		*50 - 150*		*10/13/25 08:53*	*1*
Toluene-d8 (Surr)	*95*		*71 - 126*		*10/13/25 08:53*	*1*

Lab Sample ID: LCS 460-1067931/3
Matrix: Solid
Analysis Batch: 1067931

Client Sample ID: Lab Control Sample
Prep Type: Total/NA

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
1,1,1-Trichloroethane	0.0200	0.0182		mg/Kg		91	78 - 120
1,1,2,2-Tetrachloroethane	0.0200	0.0207		mg/Kg		104	70 - 133
1,1,2-Trichloro-1,2,2-trifluoroethane	0.0200	0.0194		mg/Kg		97	75 - 121
1,1,2-Trichloroethane	0.0200	0.0216		mg/Kg		108	80 - 120

Method: 8260D - Volatile Organic Compounds by GC/MS (Continued)

Lab Sample ID: LCS 460-1067931/3
Matrix: Solid
Analysis Batch: 1067931

Client Sample ID: Lab Control Sample
Prep Type: Total/NA

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
1,1-Dichloroethane	0.0200	0.0185		mg/Kg		92	72 - 120
1,1-Dichloroethene	0.0200	0.0192		mg/Kg		96	76 - 120
1,2,3-Trichlorobenzene	0.0200	0.0216		mg/Kg		108	77 - 137
1,2,4-Trichlorobenzene	0.0200	0.0208		mg/Kg		104	77 - 136
1,2,4-Trimethylbenzene	0.0200	0.0204		mg/Kg		102	75 - 120
1,2-Dibromo-3-Chloropropane	0.0200	0.0189		mg/Kg		94	80 - 124
1,2-Dichlorobenzene	0.0200	0.0222		mg/Kg		111	80 - 120
1,2-Dichloroethane	0.0200	0.0192		mg/Kg		96	70 - 123
1,2-Dichloropropane	0.0200	0.0188		mg/Kg		94	73 - 124
1,3,5-Trimethylbenzene	0.0200	0.0201		mg/Kg		100	70 - 120
1,3-Dichlorobenzene	0.0200	0.0210		mg/Kg		105	80 - 120
1,4-Dichlorobenzene	0.0200	0.0215		mg/Kg		107	80 - 120
2-Butanone (MEK)	0.100	0.117		mg/Kg		117	64 - 128
2-Hexanone	0.100	0.121	*	mg/Kg		121	75 - 120
4-Methyl-2-pentanone (MIBK)	0.100	0.127	*	mg/Kg		127	80 - 120
Acetone	0.100	0.108		mg/Kg		108	58 - 122
Benzene	0.0200	0.0191		mg/Kg		96	75 - 120
Bromoform	0.0200	0.0195		mg/Kg		98	61 - 125
Bromomethane	0.0200	0.0202		mg/Kg		101	37 - 150
Carbon disulfide	0.0200	0.0194		mg/Kg		97	57 - 133
Carbon tetrachloride	0.0200	0.0175		mg/Kg		88	66 - 127
Chlorobenzene	0.0200	0.0198		mg/Kg		99	80 - 120
Chlorobromomethane	0.0200	0.0209		mg/Kg		104	76 - 127
Chlorodibromomethane	0.0200	0.0199		mg/Kg		99	72 - 120
Chloroethane	0.0200	0.0192		mg/Kg		96	60 - 123
Chloroform	0.0200	0.0190		mg/Kg		95	79 - 126
Chloromethane	0.0200	0.0166		mg/Kg		83	46 - 122
cis-1,2-Dichloroethene	0.0200	0.0196		mg/Kg		98	80 - 123
cis-1,3-Dichloropropene	0.0200	0.0201		mg/Kg		101	75 - 120
Cyclohexane	0.0200	0.0200		mg/Kg		100	65 - 132
Dichlorobromomethane	0.0200	0.0195		mg/Kg		98	77 - 124
Dichlorodifluoromethane	0.0200	0.0220		mg/Kg		110	45 - 129
Ethylbenzene	0.0200	0.0200		mg/Kg		100	80 - 120
Ethylene Dibromide	0.0200	0.0215		mg/Kg		107	79 - 120
Isopropylbenzene	0.0200	0.0195		mg/Kg		97	74 - 120
Methyl acetate	0.0400	0.0345		mg/Kg		86	57 - 120
Methyl tert-butyl ether	0.0200	0.0197		mg/Kg		99	74 - 125
Methylcyclohexane	0.0200	0.0190		mg/Kg		95	66 - 125
Methylene Chloride	0.0200	0.0206		mg/Kg		103	78 - 120
m-Xylene & p-Xylene	0.0200	0.0202		mg/Kg		101	80 - 120
n-Butylbenzene	0.0200	0.0199		mg/Kg		99	72 - 120
N-Propylbenzene	0.0200	0.0201		mg/Kg		101	68 - 120
o-Xylene	0.0200	0.0206		mg/Kg		103	80 - 120
sec-Butylbenzene	0.0200	0.0197		mg/Kg		99	78 - 120
Styrene	0.0200	0.0199		mg/Kg		99	80 - 120
tert-Butylbenzene	0.0200	0.0198		mg/Kg		99	80 - 120
Tetrachloroethene	0.0200	0.0194		mg/Kg		97	73 - 120
Toluene	0.0200	0.0190		mg/Kg		95	80 - 120
trans-1,2-Dichloroethene	0.0200	0.0196		mg/Kg		98	78 - 120

Method: 8260D - Volatile Organic Compounds by GC/MS (Continued)

Lab Sample ID: LCS 460-1067931/3
Matrix: Solid
Analysis Batch: 1067931

Client Sample ID: Lab Control Sample
Prep Type: Total/NA

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
trans-1,3-Dichloropropene	0.0200	0.0198		mg/Kg		99	77 - 120
Trichloroethene	0.0200	0.0196		mg/Kg		98	80 - 120
Trichlorofluoromethane	0.0200	0.0203		mg/Kg		101	61 - 130
Vinyl chloride	0.0200	0.0186		mg/Kg		93	54 - 122
Xylenes, Total	0.0400	0.0408		mg/Kg		102	80 - 120

Surrogate	*LCS %Recovery*	*LCS Qualifier*	*Limits*
1,2-Dichloroethane-d4 (Surr)	*92*		*65 - 138*
4-Bromofluorobenzene	*104*		*71 - 128*
Dibromofluoromethane (Surr)	*94*		*50 - 150*
Toluene-d8 (Surr)	*96*		*71 - 126*

Lab Sample ID: LCSD 460-1067931/4
Matrix: Solid
Analysis Batch: 1067931

Client Sample ID: Lab Control Sample Dup
Prep Type: Total/NA

Analyte	Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
1,1,1-Trichloroethane	0.0200	0.0181		mg/Kg		91	78 - 120	0	30
1,1,2,2-Tetrachloroethane	0.0200	0.0213		mg/Kg		106	70 - 133	3	30
1,1,2-Trichloro-1,2,2-trifluoroethane	0.0200	0.0186		mg/Kg		93	75 - 121	4	30
1,1,2-Trichloroethane	0.0200	0.0220		mg/Kg		110	80 - 120	2	30
1,1-Dichloroethane	0.0200	0.0178		mg/Kg		89	72 - 120	4	30
1,1-Dichloroethene	0.0200	0.0182		mg/Kg		91	76 - 120	5	30
1,2,3-Trichlorobenzene	0.0200	0.0214		mg/Kg		107	77 - 137	1	30
1,2,4-Trichlorobenzene	0.0200	0.0209		mg/Kg		104	77 - 136	1	30
1,2,4-Trimethylbenzene	0.0200	0.0202		mg/Kg		101	75 - 120	1	30
1,2-Dibromo-3-Chloropropane	0.0200	0.0196		mg/Kg		98	80 - 124	4	30
1,2-Dichlorobenzene	0.0200	0.0220		mg/Kg		110	80 - 120	1	30
1,2-Dichloroethane	0.0200	0.0188		mg/Kg		94	70 - 123	2	30
1,2-Dichloropropane	0.0200	0.0189		mg/Kg		94	73 - 124	1	30
1,3,5-Trimethylbenzene	0.0200	0.0199		mg/Kg		100	70 - 120	1	30
1,3-Dichlorobenzene	0.0200	0.0207		mg/Kg		103	80 - 120	2	30
1,4-Dichlorobenzene	0.0200	0.0211		mg/Kg		105	80 - 120	2	30
2-Butanone (MEK)	0.100	0.114		mg/Kg		114	64 - 128	3	30
2-Hexanone	0.100	0.115		mg/Kg		115	75 - 120	5	30
4-Methyl-2-pentanone (MIBK)	0.100	0.118		mg/Kg		118	80 - 120	8	30
Acetone	0.100	0.102		mg/Kg		102	58 - 122	6	30
Benzene	0.0200	0.0187		mg/Kg		94	75 - 120	2	30
Bromoform	0.0200	0.0198		mg/Kg		99	61 - 125	1	30
Bromomethane	0.0200	0.0191		mg/Kg		96	37 - 150	5	30
Carbon disulfide	0.0200	0.0185		mg/Kg		92	57 - 133	5	30
Carbon tetrachloride	0.0200	0.0172		mg/Kg		86	66 - 127	2	30
Chlorobenzene	0.0200	0.0197		mg/Kg		99	80 - 120	0	30
Chlorobromomethane	0.0200	0.0205		mg/Kg		102	76 - 127	2	30
Chlorodibromomethane	0.0200	0.0201		mg/Kg		100	72 - 120	1	30
Chloroethane	0.0200	0.0173		mg/Kg		87	60 - 123	10	30
Chloroform	0.0200	0.0186		mg/Kg		93	79 - 126	3	30
Chloromethane	0.0200	0.0152		mg/Kg		76	46 - 122	9	30

Method: 8260D - Volatile Organic Compounds by GC/MS (Continued)

Lab Sample ID: LCSD 460-1067931/4
Matrix: Solid
Analysis Batch: 1067931

Client Sample ID: Lab Control Sample Dup
Prep Type: Total/NA

Analyte	Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
cis-1,2-Dichloroethene	0.0200	0.0191		mg/Kg		96	80 - 123	3	30
cis-1,3-Dichloropropene	0.0200	0.0203		mg/Kg		102	75 - 120	1	30
Cyclohexane	0.0200	0.0195		mg/Kg		98	65 - 132	2	30
Dichlorobromomethane	0.0200	0.0191		mg/Kg		96	77 - 124	2	30
Dichlorodifluoromethane	0.0200	0.0196		mg/Kg		98	45 - 129	11	30
Ethylbenzene	0.0200	0.0197		mg/Kg		98	80 - 120	2	30
Ethylene Dibromide	0.0200	0.0218		mg/Kg		109	79 - 120	1	30
Isopropylbenzene	0.0200	0.0190		mg/Kg		95	74 - 120	2	30
Methyl acetate	0.0400	0.0351		mg/Kg		88	57 - 120	2	30
Methyl tert-butyl ether	0.0200	0.0201		mg/Kg		100	74 - 125	2	30
Methylcyclohexane	0.0200	0.0190		mg/Kg		95	66 - 125	0	30
Methylene Chloride	0.0200	0.0201		mg/Kg		100	78 - 120	3	30
m-Xylene & p-Xylene	0.0200	0.0197		mg/Kg		98	80 - 120	3	30
n-Butylbenzene	0.0200	0.0196		mg/Kg		98	72 - 120	1	30
N-Propylbenzene	0.0200	0.0198		mg/Kg		99	68 - 120	1	30
o-Xylene	0.0200	0.0198		mg/Kg		99	80 - 120	4	30
sec-Butylbenzene	0.0200	0.0194		mg/Kg		97	78 - 120	2	30
Styrene	0.0200	0.0195		mg/Kg		97	80 - 120	2	30
tert-Butylbenzene	0.0200	0.0195		mg/Kg		97	80 - 120	2	30
Tetrachloroethene	0.0200	0.0190		mg/Kg		95	73 - 120	2	30
Toluene	0.0200	0.0188		mg/Kg		94	80 - 120	1	30
trans-1,2-Dichloroethene	0.0200	0.0189		mg/Kg		95	78 - 120	3	30
trans-1,3-Dichloropropene	0.0200	0.0200		mg/Kg		100	77 - 120	1	30
Trichloroethene	0.0200	0.0192		mg/Kg		96	80 - 120	2	30
Trichlorofluoromethane	0.0200	0.0177		mg/Kg		89	61 - 130	13	30
Vinyl chloride	0.0200	0.0162		mg/Kg		81	54 - 122	14	30
Xylenes, Total	0.0400	0.0395		mg/Kg		99	80 - 120	3	30

Surrogate	*LCSD %Recovery*	*LCSD Qualifier*	*Limits*
1,2-Dichloroethane-d4 (Surr)	*92*		*65 - 138*
4-Bromofluorobenzene	*103*		*71 - 128*
Dibromofluoromethane (Surr)	*90*		*50 - 150*
Toluene-d8 (Surr)	*95*		*71 - 126*

Lab Sample ID: MB 460-1067947/7
Matrix: Solid
Analysis Batch: 1067947

Client Sample ID: Method Blank
Prep Type: Total/NA

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1-Trichloroethane	0.0010	U	0.0010	0.00023	mg/Kg			10/14/25 10:30	1
1,1,2,2-Tetrachloroethane	0.0010	U	0.0010	0.00052	mg/Kg			10/14/25 10:30	1
1,1,2-Trichloro-1,2,2-trifluoroethane	0.0010	U	0.0010	0.00030	mg/Kg			10/14/25 10:30	1
1,1,2-Trichloroethane	0.0010	U	0.0010	0.00060	mg/Kg			10/14/25 10:30	1
1,1-Dichloroethane	0.0010	U	0.0010	0.00060	mg/Kg			10/14/25 10:30	1
1,1-Dichloroethene	0.0010	U	0.0010	0.00023	mg/Kg			10/14/25 10:30	1
1,2,3-Trichlorobenzene	0.0010	U	0.0010	0.00074	mg/Kg			10/14/25 10:30	1
1,2,4-Trichlorobenzene	0.0010	U	0.0010	0.00036	mg/Kg			10/14/25 10:30	1
1,2,4-Trimethylbenzene	0.0010	U	0.0010	0.00025	mg/Kg			10/14/25 10:30	1

Method: 8260D - Volatile Organic Compounds by GC/MS (Continued)

Lab Sample ID: MB 460-1067947/7
Matrix: Solid
Analysis Batch: 1067947

Client Sample ID: Method Blank
Prep Type: Total/NA

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,2-Dibromo-3-Chloropropane	0.0010	U	0.0010	0.00046	mg/Kg			10/14/25 10:30	1
1,2-Dichlorobenzene	0.0010	U	0.0010	0.00036	mg/Kg			10/14/25 10:30	1
1,2-Dichloroethane	0.0010	U	0.0010	0.00030	mg/Kg			10/14/25 10:30	1
1,2-Dichloropropane	0.0010	U	0.0010	0.00042	mg/Kg			10/14/25 10:30	1
1,3,5-Trimethylbenzene	0.0010	U	0.0010	0.00031	mg/Kg			10/14/25 10:30	1
1,3-Dichlorobenzene	0.0010	U	0.0010	0.00037	mg/Kg			10/14/25 10:30	1
1,4-Dichlorobenzene	0.0010	U	0.0010	0.00052	mg/Kg			10/14/25 10:30	1
2-Butanone (MEK)	0.0050	U	0.0050	0.00037	mg/Kg			10/14/25 10:30	1
2-Hexanone	0.0050	U	0.0050	0.0017	mg/Kg			10/14/25 10:30	1
4-Methyl-2-pentanone (MIBK)	0.0050	U	0.0050	0.0016	mg/Kg			10/14/25 10:30	1
Acetone	0.0060	U	0.0060	0.0057	mg/Kg			10/14/25 10:30	1
Benzene	0.0010	U	0.0010	0.00057	mg/Kg			10/14/25 10:30	1
Bromoform	0.0010	U	0.0010	0.00043	mg/Kg			10/14/25 10:30	1
Bromomethane	0.0020	U	0.0020	0.0010	mg/Kg			10/14/25 10:30	1
Carbon disulfide	0.0010	U	0.0010	0.00027	mg/Kg			10/14/25 10:30	1
Carbon tetrachloride	0.0010	U	0.0010	0.00039	mg/Kg			10/14/25 10:30	1
Chlorobenzene	0.0010	U	0.0010	0.00051	mg/Kg			10/14/25 10:30	1
Chlorobromomethane	0.0010	U	0.0010	0.00060	mg/Kg			10/14/25 10:30	1
Chlorodibromomethane	0.0010	U	0.0010	0.00054	mg/Kg			10/14/25 10:30	1
Chloroethane	0.0010	U	0.0010	0.00052	mg/Kg			10/14/25 10:30	1
Chloroform	0.0010	U	0.0010	0.00097	mg/Kg			10/14/25 10:30	1
Chloromethane	0.0010	U	0.0010	0.00044	mg/Kg			10/14/25 10:30	1
cis-1,2-Dichloroethene	0.0010	U	0.0010	0.00036	mg/Kg			10/14/25 10:30	1
cis-1,3-Dichloropropene	0.0010	U	0.0010	0.00027	mg/Kg			10/14/25 10:30	1
Cyclohexane	0.0010	U	0.0010	0.00022	mg/Kg			10/14/25 10:30	1
Dichlorobromomethane	0.0010	U	0.0010	0.00026	mg/Kg			10/14/25 10:30	1
Dichlorodifluoromethane	0.0010	U	0.0010	0.00034	mg/Kg			10/14/25 10:30	1
Ethylbenzene	0.0010	U	0.0010	0.00047	mg/Kg			10/14/25 10:30	1
Ethylene Dibromide	0.0010	U	0.0010	0.00050	mg/Kg			10/14/25 10:30	1
Isopropylbenzene	0.0010	U	0.0010	0.00029	mg/Kg			10/14/25 10:30	1
Methyl acetate	0.0050	U	0.0050	0.0043	mg/Kg			10/14/25 10:30	1
Methyl tert-butyl ether	0.0010	U	0.0010	0.00051	mg/Kg			10/14/25 10:30	1
Methylcyclohexane	0.0010	U	0.0010	0.00050	mg/Kg			10/14/25 10:30	1
Methylene Chloride	0.0020	U	0.0020	0.0011	mg/Kg			10/14/25 10:30	1
m-Xylene & p-Xylene	0.0010	U	0.0010	0.00042	mg/Kg			10/14/25 10:30	1
n-Butylbenzene	0.0010	U	0.0010	0.00029	mg/Kg			10/14/25 10:30	1
N-Propylbenzene	0.0010	U	0.0010	0.00045	mg/Kg			10/14/25 10:30	1
o-Xylene	0.0010	U	0.0010	0.00046	mg/Kg			10/14/25 10:30	1
sec-Butylbenzene	0.0010	U	0.0010	0.00029	mg/Kg			10/14/25 10:30	1
Styrene	0.0010	U	0.0010	0.00028	mg/Kg			10/14/25 10:30	1
tert-Butylbenzene	0.0010	U	0.0010	0.00028	mg/Kg			10/14/25 10:30	1
Tetrachloroethene	0.0010	U	0.0010	0.00031	mg/Kg			10/14/25 10:30	1
Toluene	0.0010	U	0.0010	0.00023	mg/Kg			10/14/25 10:30	1
trans-1,2-Dichloroethene	0.0010	U	0.0010	0.00025	mg/Kg			10/14/25 10:30	1
trans-1,3-Dichloropropene	0.0010	U	0.0010	0.00027	mg/Kg			10/14/25 10:30	1
Trichloroethene	0.0010	U	0.0010	0.00032	mg/Kg			10/14/25 10:30	1
Trichlorofluoromethane	0.0010	U	0.0010	0.00041	mg/Kg			10/14/25 10:30	1
Vinyl chloride	0.0010	U	0.0010	0.00055	mg/Kg			10/14/25 10:30	1
Xylenes, Total	0.0020	U	0.0020	0.00017	mg/Kg			10/14/25 10:30	1

Method: 8260D - Volatile Organic Compounds by GC/MS (Continued)

Surrogate	MB %Recovery	MB Qualifier	Limits	Prepared	Analyzed	Dil Fac
1,2-Dichloroethane-d4 (Surr)	86		65 - 138		10/14/25 10:30	1
4-Bromofluorobenzene	92		71 - 128		10/14/25 10:30	1
Dibromofluoromethane (Surr)	98		50 - 150		10/14/25 10:30	1
Toluene-d8 (Surr)	97		71 - 126		10/14/25 10:30	1

Lab Sample ID: LCS 460-1067947/3
Matrix: Solid
Analysis Batch: 1067947

Client Sample ID: Lab Control Sample
Prep Type: Total/NA

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
1,1,1-Trichloroethane	0.0200	0.0163		mg/Kg		82	78 - 120
1,1,2,2-Tetrachloroethane	0.0200	0.0205		mg/Kg		103	70 - 133
1,1,2-Trichloro-1,2,2-trifluoroethane	0.0200	0.0188		mg/Kg		94	75 - 121
1,1,2-Trichloroethane	0.0200	0.0200		mg/Kg		100	80 - 120
1,1-Dichloroethane	0.0200	0.0179		mg/Kg		90	72 - 120
1,1-Dichloroethene	0.0200	0.0199		mg/Kg		99	76 - 120
1,2,3-Trichlorobenzene	0.0200	0.0189		mg/Kg		95	77 - 137
1,2,4-Trichlorobenzene	0.0200	0.0178		mg/Kg		89	77 - 136
1,2,4-Trimethylbenzene	0.0200	0.0195		mg/Kg		98	75 - 120
1,2-Dibromo-3-Chloropropane	0.0200	0.0186		mg/Kg		93	80 - 124
1,2-Dichlorobenzene	0.0200	0.0203		mg/Kg		101	80 - 120
1,2-Dichloroethane	0.0200	0.0155		mg/Kg		78	70 - 123
1,2-Dichloropropane	0.0200	0.0185		mg/Kg		93	73 - 124
1,3,5-Trimethylbenzene	0.0200	0.0193		mg/Kg		97	70 - 120
1,3-Dichlorobenzene	0.0200	0.0205		mg/Kg		103	80 - 120
1,4-Dichlorobenzene	0.0200	0.0199		mg/Kg		99	80 - 120
2-Butanone (MEK)	0.100	0.123		mg/Kg		123	64 - 128
2-Hexanone	0.100	0.104		mg/Kg		104	75 - 120
4-Methyl-2-pentanone (MIBK)	0.100	0.106		mg/Kg		106	80 - 120
Acetone	0.100	0.103		mg/Kg		103	58 - 122
Benzene	0.0200	0.0191		mg/Kg		95	75 - 120
Bromoform	0.0200	0.0188		mg/Kg		94	61 - 125
Bromomethane	0.0200	0.0153		mg/Kg		77	37 - 150
Carbon disulfide	0.0200	0.0180		mg/Kg		90	57 - 133
Carbon tetrachloride	0.0200	0.0162		mg/Kg		81	66 - 127
Chlorobenzene	0.0200	0.0193		mg/Kg		97	80 - 120
Chlorobromomethane	0.0200	0.0204		mg/Kg		102	76 - 127
Chlorodibromomethane	0.0200	0.0188		mg/Kg		94	72 - 120
Chloroethane	0.0200	0.0155		mg/Kg		78	60 - 123
Chloroform	0.0200	0.0182		mg/Kg		91	79 - 126
Chloromethane	0.0200	0.0171		mg/Kg		85	46 - 122
cis-1,2-Dichloroethene	0.0200	0.0190		mg/Kg		95	80 - 123
cis-1,3-Dichloropropene	0.0200	0.0179		mg/Kg		90	75 - 120
Cyclohexane	0.0200	0.0188		mg/Kg		94	65 - 132
Dichlorobromomethane	0.0200	0.0170		mg/Kg		85	77 - 124
Dichlorodifluoromethane	0.0200	0.0165		mg/Kg		82	45 - 129
Ethylbenzene	0.0200	0.0193		mg/Kg		97	80 - 120
Ethylene Dibromide	0.0200	0.0197		mg/Kg		99	79 - 120
Isopropylbenzene	0.0200	0.0191		mg/Kg		95	74 - 120
Methyl acetate	0.0400	0.0317		mg/Kg		79	57 - 120
Methyl tert-butyl ether	0.0200	0.0180		mg/Kg		90	74 - 125

Method: 8260D - Volatile Organic Compounds by GC/MS (Continued)

Lab Sample ID: LCS 460-1067947/3
Matrix: Solid
Analysis Batch: 1067947

Client Sample ID: Lab Control Sample
Prep Type: Total/NA

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
Methylcyclohexane	0.0200	0.0190		mg/Kg		95	66 - 125
Methylene Chloride	0.0200	0.0209		mg/Kg		104	78 - 120
m-Xylene & p-Xylene	0.0200	0.0194		mg/Kg		97	80 - 120
n-Butylbenzene	0.0200	0.0192		mg/Kg		96	72 - 120
N-Propylbenzene	0.0200	0.0193		mg/Kg		96	68 - 120
o-Xylene	0.0200	0.0200		mg/Kg		100	80 - 120
sec-Butylbenzene	0.0200	0.0198		mg/Kg		99	78 - 120
Styrene	0.0200	0.0198		mg/Kg		99	80 - 120
tert-Butylbenzene	0.0200	0.0197		mg/Kg		98	80 - 120
Tetrachloroethene	0.0200	0.0176		mg/Kg		88	73 - 120
Toluene	0.0200	0.0185		mg/Kg		93	80 - 120
trans-1,2-Dichloroethene	0.0200	0.0190		mg/Kg		95	78 - 120
trans-1,3-Dichloropropene	0.0200	0.0167		mg/Kg		84	77 - 120
Trichloroethene	0.0200	0.0181		mg/Kg		90	80 - 120
Trichlorofluoromethane	0.0200	0.0164		mg/Kg		82	61 - 130
Vinyl chloride	0.0200	0.0165		mg/Kg		82	54 - 122
Xylenes, Total	0.0400	0.0394		mg/Kg		98	80 - 120

Surrogate	*LCS %Recovery*	*LCS Qualifier*	*Limits*
1,2-Dichloroethane-d4 (Surr)	*80*		*65 - 138*
4-Bromofluorobenzene	*95*		*71 - 128*
Dibromofluoromethane (Surr)	*92*		*50 - 150*
Toluene-d8 (Surr)	*97*		*71 - 126*

Lab Sample ID: LCSD 460-1067947/4
Matrix: Solid
Analysis Batch: 1067947

Client Sample ID: Lab Control Sample Dup
Prep Type: Total/NA

Analyte	Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
1,1,1-Trichloroethane	0.0200	0.0178		mg/Kg		89	78 - 120	9	30
1,1,2,2-Tetrachloroethane	0.0200	0.0204		mg/Kg		102	70 - 133	0	30
1,1,2-Trichloro-1,2,2-trifluoroethane	0.0200	0.0206		mg/Kg		103	75 - 121	9	30
1,1,2-Trichloroethane	0.0200	0.0205		mg/Kg		103	80 - 120	2	30
1,1-Dichloroethane	0.0200	0.0190		mg/Kg		95	72 - 120	6	30
1,1-Dichloroethene	0.0200	0.0212		mg/Kg		106	76 - 120	7	30
1,2,3-Trichlorobenzene	0.0200	0.0200		mg/Kg		100	77 - 137	6	30
1,2,4-Trichlorobenzene	0.0200	0.0195		mg/Kg		98	77 - 136	9	30
1,2,4-Trimethylbenzene	0.0200	0.0207		mg/Kg		103	75 - 120	6	30
1,2-Dibromo-3-Chloropropane	0.0200	0.0190		mg/Kg		95	80 - 124	2	30
1,2-Dichlorobenzene	0.0200	0.0212		mg/Kg		106	80 - 120	4	30
1,2-Dichloroethane	0.0200	0.0163		mg/Kg		82	70 - 123	5	30
1,2-Dichloropropane	0.0200	0.0191		mg/Kg		96	73 - 124	3	30
1,3,5-Trimethylbenzene	0.0200	0.0204		mg/Kg		102	70 - 120	6	30
1,3-Dichlorobenzene	0.0200	0.0216		mg/Kg		108	80 - 120	5	30
1,4-Dichlorobenzene	0.0200	0.0207		mg/Kg		103	80 - 120	4	30
2-Butanone (MEK)	0.100	0.128		mg/Kg		128	64 - 128	4	30
2-Hexanone	0.100	0.106		mg/Kg		106	75 - 120	2	30
4-Methyl-2-pentanone (MIBK)	0.100	0.109		mg/Kg		109	80 - 120	3	30

Method: 8260D - Volatile Organic Compounds by GC/MS (Continued)

Lab Sample ID: LCSD 460-1067947/4
Matrix: Solid
Analysis Batch: 1067947

Client Sample ID: Lab Control Sample Dup
Prep Type: Total/NA

Analyte			Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Acetone			0.100	0.105		mg/Kg		105	58 - 122	2	30
Benzene			0.0200	0.0201		mg/Kg		101	75 - 120	5	30
Bromoform			0.0200	0.0191		mg/Kg		96	61 - 125	2	30
Bromomethane			0.0200	0.0171		mg/Kg		85	37 - 150	11	30
Carbon disulfide			0.0200	0.0197		mg/Kg		98	57 - 133	9	30
Carbon tetrachloride			0.0200	0.0175		mg/Kg		88	66 - 127	8	30
Chlorobenzene			0.0200	0.0205		mg/Kg		102	80 - 120	6	30
Chlorobromomethane			0.0200	0.0212		mg/Kg		106	76 - 127	4	30
Chlorodibromomethane			0.0200	0.0194		mg/Kg		97	72 - 120	3	30
Chloroethane			0.0200	0.0173		mg/Kg		87	60 - 123	11	30
Chloroform			0.0200	0.0190		mg/Kg		95	79 - 126	4	30
Chloromethane			0.0200	0.0185		mg/Kg		92	46 - 122	8	30
cis-1,2-Dichloroethene			0.0200	0.0202		mg/Kg		101	80 - 123	6	30
cis-1,3-Dichloropropene			0.0200	0.0185		mg/Kg		93	75 - 120	3	30
Cyclohexane			0.0200	0.0207		mg/Kg		103	65 - 132	9	30
Dichlorobromomethane			0.0200	0.0179		mg/Kg		89	77 - 124	5	30
Dichlorodifluoromethane			0.0200	0.0191		mg/Kg		96	45 - 129	15	30
Ethylbenzene			0.0200	0.0207		mg/Kg		103	80 - 120	7	30
Ethylene Dibromide			0.0200	0.0203		mg/Kg		102	79 - 120	3	30
Isopropylbenzene			0.0200	0.0205		mg/Kg		103	74 - 120	8	30
Methyl acetate			0.0400	0.0320		mg/Kg		80	57 - 120	1	30
Methyl tert-butyl ether			0.0200	0.0184		mg/Kg		92	74 - 125	2	30
Methylcyclohexane			0.0200	0.0210		mg/Kg		105	66 - 125	10	30
Methylene Chloride			0.0200	0.0218		mg/Kg		109	78 - 120	4	30
m-Xylene & p-Xylene			0.0200	0.0205		mg/Kg		103	80 - 120	6	30
n-Butylbenzene			0.0200	0.0209		mg/Kg		104	72 - 120	8	30
N-Propylbenzene			0.0200	0.0207		mg/Kg		104	68 - 120	7	30
o-Xylene			0.0200	0.0214		mg/Kg		107	80 - 120	6	30
sec-Butylbenzene			0.0200	0.0211		mg/Kg		106	78 - 120	7	30
Styrene			0.0200	0.0207		mg/Kg		103	80 - 120	4	30
tert-Butylbenzene			0.0200	0.0209		mg/Kg		104	80 - 120	6	30
Tetrachloroethene			0.0200	0.0190		mg/Kg		95	73 - 120	7	30
Toluene			0.0200	0.0196		mg/Kg		98	80 - 120	6	30
trans-1,2-Dichloroethene			0.0200	0.0205		mg/Kg		102	78 - 120	8	30
trans-1,3-Dichloropropene			0.0200	0.0177		mg/Kg		88	77 - 120	6	30
Trichloroethene			0.0200	0.0192		mg/Kg		96	80 - 120	6	30
Trichlorofluoromethane			0.0200	0.0192		mg/Kg		96	61 - 130	16	30
Vinyl chloride			0.0200	0.0184		mg/Kg		92	54 - 122	11	30
Xylenes, Total			0.0400	0.0419		mg/Kg		105	80 - 120	6	30

Surrogate	*LCSD %Recovery*	*LCSD Qualifier*	*Limits*
1,2-Dichloroethane-d4 (Surr)	*80*		*65 - 138*
4-Bromofluorobenzene	*94*		*71 - 128*
Dibromofluoromethane (Surr)	*91*		*50 - 150*
Toluene-d8 (Surr)	*97*		*71 - 126*

Method: 8260D - Volatile Organic Compounds by GC/MS (Continued)

Lab Sample ID: MB 460-1068587/7
Matrix: Solid
Analysis Batch: 1068587

Client Sample ID: Method Blank
Prep Type: Total/NA

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1-Trichloroethane	0.0010	U	0.0010	0.00023	mg/Kg			10/15/25 21:49	1
1,1,2,2-Tetrachloroethane	0.0010	U	0.0010	0.00052	mg/Kg			10/15/25 21:49	1
1,1,2-Trichloro-1,2,2-trifluoroethane	0.0010	U	0.0010	0.00030	mg/Kg			10/15/25 21:49	1
1,1,2-Trichloroethane	0.0010	U	0.0010	0.00060	mg/Kg			10/15/25 21:49	1
1,1-Dichloroethane	0.0010	U	0.0010	0.00060	mg/Kg			10/15/25 21:49	1
1,1-Dichloroethene	0.0010	U	0.0010	0.00023	mg/Kg			10/15/25 21:49	1
1,2,3-Trichlorobenzene	0.0010	U	0.0010	0.00074	mg/Kg			10/15/25 21:49	1
1,2,4-Trichlorobenzene	0.0010	U	0.0010	0.00036	mg/Kg			10/15/25 21:49	1
1,2,4-Trimethylbenzene	0.0010	U	0.0010	0.00025	mg/Kg			10/15/25 21:49	1
1,2-Dibromo-3-Chloropropane	0.0010	U	0.0010	0.00046	mg/Kg			10/15/25 21:49	1
1,2-Dichlorobenzene	0.0010	U	0.0010	0.00036	mg/Kg			10/15/25 21:49	1
1,2-Dichloroethane	0.0010	U	0.0010	0.00030	mg/Kg			10/15/25 21:49	1
1,2-Dichloropropane	0.0010	U	0.0010	0.00042	mg/Kg			10/15/25 21:49	1
1,3,5-Trimethylbenzene	0.0010	U	0.0010	0.00031	mg/Kg			10/15/25 21:49	1
1,3-Dichlorobenzene	0.0010	U	0.0010	0.00037	mg/Kg			10/15/25 21:49	1
1,4-Dichlorobenzene	0.0010	U	0.0010	0.00052	mg/Kg			10/15/25 21:49	1
2-Butanone (MEK)	0.0050	U	0.0050	0.00037	mg/Kg			10/15/25 21:49	1
2-Hexanone	0.0050	U	0.0050	0.0017	mg/Kg			10/15/25 21:49	1
4-Methyl-2-pentanone (MIBK)	0.0050	U	0.0050	0.0016	mg/Kg			10/15/25 21:49	1
Acetone	0.0060	U	0.0060	0.0057	mg/Kg			10/15/25 21:49	1
Benzene	0.0010	U	0.0010	0.00057	mg/Kg			10/15/25 21:49	1
Bromoform	0.0010	U	0.0010	0.00043	mg/Kg			10/15/25 21:49	1
Bromomethane	0.0020	U	0.0020	0.0010	mg/Kg			10/15/25 21:49	1
Carbon disulfide	0.0010	U	0.0010	0.00027	mg/Kg			10/15/25 21:49	1
Carbon tetrachloride	0.0010	U	0.0010	0.00039	mg/Kg			10/15/25 21:49	1
Chlorobenzene	0.0010	U	0.0010	0.00051	mg/Kg			10/15/25 21:49	1
Chlorobromomethane	0.0010	U	0.0010	0.00060	mg/Kg			10/15/25 21:49	1
Chlorodibromomethane	0.0010	U	0.0010	0.00054	mg/Kg			10/15/25 21:49	1
Chloroethane	0.0010	U	0.0010	0.00052	mg/Kg			10/15/25 21:49	1
Chloroform	0.0010	U	0.0010	0.00097	mg/Kg			10/15/25 21:49	1
Chloromethane	0.0010	U	0.0010	0.00044	mg/Kg			10/15/25 21:49	1
cis-1,2-Dichloroethene	0.0010	U	0.0010	0.00036	mg/Kg			10/15/25 21:49	1
cis-1,3-Dichloropropene	0.0010	U	0.0010	0.00027	mg/Kg			10/15/25 21:49	1
Cyclohexane	0.0010	U	0.0010	0.00022	mg/Kg			10/15/25 21:49	1
Dichlorobromomethane	0.0010	U	0.0010	0.00026	mg/Kg			10/15/25 21:49	1
Dichlorodifluoromethane	0.0010	U	0.0010	0.00034	mg/Kg			10/15/25 21:49	1
Ethylbenzene	0.0010	U	0.0010	0.00047	mg/Kg			10/15/25 21:49	1
Ethylene Dibromide	0.0010	U	0.0010	0.00050	mg/Kg			10/15/25 21:49	1
Isopropylbenzene	0.0010	U	0.0010	0.00029	mg/Kg			10/15/25 21:49	1
Methyl acetate	0.0050	U	0.0050	0.0043	mg/Kg			10/15/25 21:49	1
Methyl tert-butyl ether	0.0010	U	0.0010	0.00051	mg/Kg			10/15/25 21:49	1
Methylcyclohexane	0.0010	U	0.0010	0.00050	mg/Kg			10/15/25 21:49	1
Methylene Chloride	0.0020	U	0.0020	0.0011	mg/Kg			10/15/25 21:49	1
m-Xylene & p-Xylene	0.0010	U	0.0010	0.00042	mg/Kg			10/15/25 21:49	1
n-Butylbenzene	0.0010	U	0.0010	0.00029	mg/Kg			10/15/25 21:49	1
N-Propylbenzene	0.0010	U	0.0010	0.00045	mg/Kg			10/15/25 21:49	1
o-Xylene	0.0010	U	0.0010	0.00046	mg/Kg			10/15/25 21:49	1
sec-Butylbenzene	0.0010	U	0.0010	0.00029	mg/Kg			10/15/25 21:49	1

Method: 8260D - Volatile Organic Compounds by GC/MS (Continued)

Lab Sample ID: MB 460-1068587/7
Matrix: Solid
Analysis Batch: 1068587

Client Sample ID: Method Blank
Prep Type: Total/NA

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Styrene	0.0010	U	0.0010	0.00028	mg/Kg			10/15/25 21:49	1
tert-Butylbenzene	0.0010	U	0.0010	0.00028	mg/Kg			10/15/25 21:49	1
Tetrachloroethene	0.0010	U	0.0010	0.00031	mg/Kg			10/15/25 21:49	1
Toluene	0.0010	U	0.0010	0.00023	mg/Kg			10/15/25 21:49	1
trans-1,2-Dichloroethene	0.0010	U	0.0010	0.00025	mg/Kg			10/15/25 21:49	1
trans-1,3-Dichloropropene	0.0010	U	0.0010	0.00027	mg/Kg			10/15/25 21:49	1
Trichloroethene	0.0010	U	0.0010	0.00032	mg/Kg			10/15/25 21:49	1
Trichlorofluoromethane	0.0010	U	0.0010	0.00041	mg/Kg			10/15/25 21:49	1
Vinyl chloride	0.0010	U	0.0010	0.00055	mg/Kg			10/15/25 21:49	1
Xylenes, Total	0.0020	U	0.0020	0.00017	mg/Kg			10/15/25 21:49	1

Surrogate	*MB %Recovery*	*MB Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,2-Dichloroethane-d4 (Surr)	*88*		*65 - 138*		*10/15/25 21:49*	*1*
4-Bromofluorobenzene	*91*		*71 - 128*		*10/15/25 21:49*	*1*
Dibromofluoromethane (Surr)	*97*		*50 - 150*		*10/15/25 21:49*	*1*
Toluene-d8 (Surr)	*99*		*71 - 126*		*10/15/25 21:49*	*1*

Lab Sample ID: LCS 460-1068587/3
Matrix: Solid
Analysis Batch: 1068587

Client Sample ID: Lab Control Sample
Prep Type: Total/NA

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
1,1,1-Trichloroethane	0.0200	0.0161		mg/Kg		81	78 - 120
1,1,2,2-Tetrachloroethane	0.0200	0.0207		mg/Kg		103	70 - 133
1,1,2-Trichloro-1,2,2-trifluoroethane	0.0200	0.0188		mg/Kg		94	75 - 121
1,1,2-Trichloroethane	0.0200	0.0196		mg/Kg		98	80 - 120
1,1-Dichloroethane	0.0200	0.0179		mg/Kg		89	72 - 120
1,1-Dichloroethene	0.0200	0.0194		mg/Kg		97	76 - 120
1,2,3-Trichlorobenzene	0.0200	0.0203		mg/Kg		101	77 - 137
1,2,4-Trichlorobenzene	0.0200	0.0197		mg/Kg		99	77 - 136
1,2,4-Trimethylbenzene	0.0200	0.0201		mg/Kg		100	75 - 120
1,2-Dibromo-3-Chloropropane	0.0200	0.0190		mg/Kg		95	80 - 124
1,2-Dichlorobenzene	0.0200	0.0207		mg/Kg		103	80 - 120
1,2-Dichloroethane	0.0200	0.0154		mg/Kg		77	70 - 123
1,2-Dichloropropane	0.0200	0.0180		mg/Kg		90	73 - 124
1,3,5-Trimethylbenzene	0.0200	0.0199		mg/Kg		99	70 - 120
1,3-Dichlorobenzene	0.0200	0.0212		mg/Kg		106	80 - 120
1,4-Dichlorobenzene	0.0200	0.0205		mg/Kg		102	80 - 120
2-Butanone (MEK)	0.100	0.119		mg/Kg		119	64 - 128
2-Hexanone	0.100	0.101		mg/Kg		101	75 - 120
4-Methyl-2-pentanone (MIBK)	0.100	0.103		mg/Kg		103	80 - 120
Acetone	0.100	0.101		mg/Kg		101	58 - 122
Benzene	0.0200	0.0187		mg/Kg		93	75 - 120
Bromoform	0.0200	0.0185		mg/Kg		92	61 - 125
Bromomethane	0.0200	0.0195		mg/Kg		98	37 - 150
Carbon disulfide	0.0200	0.0176		mg/Kg		88	57 - 133
Carbon tetrachloride	0.0200	0.0159		mg/Kg		80	66 - 127
Chlorobenzene	0.0200	0.0193		mg/Kg		97	80 - 120

Method: 8260D - Volatile Organic Compounds by GC/MS (Continued)

Lab Sample ID: LCS 460-1068587/3
Matrix: Solid
Analysis Batch: 1068587

Client Sample ID: Lab Control Sample
Prep Type: Total/NA

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
Chlorobromomethane	0.0200	0.0203		mg/Kg		102	76 - 127
Chlorodibromomethane	0.0200	0.0182		mg/Kg		91	72 - 120
Chloroethane	0.0200	0.0210		mg/Kg		105	60 - 123
Chloroform	0.0200	0.0179		mg/Kg		89	79 - 126
Chloromethane	0.0200	0.0214		mg/Kg		107	46 - 122
cis-1,2-Dichloroethene	0.0200	0.0190		mg/Kg		95	80 - 123
cis-1,3-Dichloropropene	0.0200	0.0180		mg/Kg		90	75 - 120
Cyclohexane	0.0200	0.0186		mg/Kg		93	65 - 132
Dichlorobromomethane	0.0200	0.0174		mg/Kg		87	77 - 124
Dichlorodifluoromethane	0.0200	0.0234		mg/Kg		117	45 - 129
Ethylbenzene	0.0200	0.0190		mg/Kg		95	80 - 120
Ethylene Dibromide	0.0200	0.0192		mg/Kg		96	79 - 120
Isopropylbenzene	0.0200	0.0189		mg/Kg		94	74 - 120
Methyl acetate	0.0400	0.0306		mg/Kg		77	57 - 120
Methyl tert-butyl ether	0.0200	0.0175		mg/Kg		87	74 - 125
Methylcyclohexane	0.0200	0.0185		mg/Kg		92	66 - 125
Methylene Chloride	0.0200	0.0212		mg/Kg		106	78 - 120
m-Xylene & p-Xylene	0.0200	0.0190		mg/Kg		95	80 - 120
n-Butylbenzene	0.0200	0.0208		mg/Kg		104	72 - 120
N-Propylbenzene	0.0200	0.0196		mg/Kg		98	68 - 120
o-Xylene	0.0200	0.0198		mg/Kg		99	80 - 120
sec-Butylbenzene	0.0200	0.0201		mg/Kg		101	78 - 120
Styrene	0.0200	0.0193		mg/Kg		97	80 - 120
tert-Butylbenzene	0.0200	0.0197		mg/Kg		99	80 - 120
Tetrachloroethene	0.0200	0.0171		mg/Kg		85	73 - 120
Toluene	0.0200	0.0182		mg/Kg		91	80 - 120
trans-1,2-Dichloroethene	0.0200	0.0188		mg/Kg		94	78 - 120
trans-1,3-Dichloropropene	0.0200	0.0168		mg/Kg		84	77 - 120
Trichloroethene	0.0200	0.0178		mg/Kg		89	80 - 120
Trichlorofluoromethane	0.0200	0.0190		mg/Kg		95	61 - 130
Vinyl chloride	0.0200	0.0200		mg/Kg		100	54 - 122
Xylenes, Total	0.0400	0.0388		mg/Kg		97	80 - 120

Surrogate	*LCS %Recovery*	*LCS Qualifier*	*Limits*
1,2-Dichloroethane-d4 (Surr)	*81*		*65 - 138*
4-Bromofluorobenzene	*96*		*71 - 128*
Dibromofluoromethane (Surr)	*93*		*50 - 150*
Toluene-d8 (Surr)	*96*		*71 - 126*

Lab Sample ID: LCSD 460-1068587/4
Matrix: Solid
Analysis Batch: 1068587

Client Sample ID: Lab Control Sample Dup
Prep Type: Total/NA

Analyte	Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
1,1,1-Trichloroethane	0.0200	0.0174		mg/Kg		87	78 - 120	7	30
1,1,2,2-Tetrachloroethane	0.0200	0.0214		mg/Kg		107	70 - 133	4	30
1,1,2-Trichloro-1,2,2-trifluoroethane	0.0200	0.0207		mg/Kg		103	75 - 121	9	30
1,1,2-Trichloroethane	0.0200	0.0207		mg/Kg		104	80 - 120	6	30

Method: 8260D - Volatile Organic Compounds by GC/MS (Continued)

Lab Sample ID: LCSD 460-1068587/4
Matrix: Solid
Analysis Batch: 1068587

Client Sample ID: Lab Control Sample Dup
Prep Type: Total/NA

Analyte	Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
1,1-Dichloroethane	0.0200	0.0187		mg/Kg		93	72 - 120	4	30
1,1-Dichloroethene	0.0200	0.0213		mg/Kg		106	76 - 120	9	30
1,2,3-Trichlorobenzene	0.0200	0.0210		mg/Kg		105	77 - 137	4	30
1,2,4-Trichlorobenzene	0.0200	0.0203		mg/Kg		101	77 - 136	3	30
1,2,4-Trimethylbenzene	0.0200	0.0211		mg/Kg		105	75 - 120	5	30
1,2-Dibromo-3-Chloropropane	0.0200	0.0196		mg/Kg		98	80 - 124	3	30
1,2-Dichlorobenzene	0.0200	0.0217		mg/Kg		108	80 - 120	5	30
1,2-Dichloroethane	0.0200	0.0159		mg/Kg		79	70 - 123	3	30
1,2-Dichloropropane	0.0200	0.0188		mg/Kg		94	73 - 124	4	30
1,3,5-Trimethylbenzene	0.0200	0.0214		mg/Kg		107	70 - 120	7	30
1,3-Dichlorobenzene	0.0200	0.0223		mg/Kg		111	80 - 120	5	30
1,4-Dichlorobenzene	0.0200	0.0214		mg/Kg		107	80 - 120	4	30
2-Butanone (MEK)	0.100	0.124		mg/Kg		124	64 - 128	5	30
2-Hexanone	0.100	0.106		mg/Kg		106	75 - 120	4	30
4-Methyl-2-pentanone (MIBK)	0.100	0.107		mg/Kg		107	80 - 120	4	30
Acetone	0.100	0.105		mg/Kg		105	58 - 122	4	30
Benzene	0.0200	0.0203		mg/Kg		101	75 - 120	8	30
Bromoform	0.0200	0.0190		mg/Kg		95	61 - 125	3	30
Bromomethane	0.0200	0.0187		mg/Kg		94	37 - 150	4	30
Carbon disulfide	0.0200	0.0190		mg/Kg		95	57 - 133	8	30
Carbon tetrachloride	0.0200	0.0173		mg/Kg		86	66 - 127	8	30
Chlorobenzene	0.0200	0.0205		mg/Kg		103	80 - 120	6	30
Chlorobromomethane	0.0200	0.0207		mg/Kg		103	76 - 127	2	30
Chlorodibromomethane	0.0200	0.0192		mg/Kg		96	72 - 120	5	30
Chloroethane	0.0200	0.0195		mg/Kg		98	60 - 123	8	30
Chloroform	0.0200	0.0187		mg/Kg		94	79 - 126	5	30
Chloromethane	0.0200	0.0229		mg/Kg		115	46 - 122	7	30
cis-1,2-Dichloroethene	0.0200	0.0200		mg/Kg		100	80 - 123	5	30
cis-1,3-Dichloropropene	0.0200	0.0188		mg/Kg		94	75 - 120	5	30
Cyclohexane	0.0200	0.0201		mg/Kg		101	65 - 132	8	30
Dichlorobromomethane	0.0200	0.0176		mg/Kg		88	77 - 124	2	30
Dichlorodifluoromethane	0.0200	0.0275	*	mg/Kg		137	45 - 129	16	30
Ethylbenzene	0.0200	0.0205		mg/Kg		103	80 - 120	8	30
Ethylene Dibromide	0.0200	0.0201		mg/Kg		101	79 - 120	5	30
Isopropylbenzene	0.0200	0.0206		mg/Kg		103	74 - 120	9	30
Methyl acetate	0.0400	0.0318		mg/Kg		79	57 - 120	4	30
Methyl tert-butyl ether	0.0200	0.0182		mg/Kg		91	74 - 125	4	30
Methylcyclohexane	0.0200	0.0203		mg/Kg		101	66 - 125	9	30
Methylene Chloride	0.0200	0.0216		mg/Kg		108	78 - 120	2	30
m-Xylene & p-Xylene	0.0200	0.0207		mg/Kg		104	80 - 120	9	30
n-Butylbenzene	0.0200	0.0220		mg/Kg		110	72 - 120	6	30
N-Propylbenzene	0.0200	0.0213		mg/Kg		107	68 - 120	8	30
o-Xylene	0.0200	0.0212		mg/Kg		106	80 - 120	7	30
sec-Butylbenzene	0.0200	0.0221		mg/Kg		111	78 - 120	9	30
Styrene	0.0200	0.0204		mg/Kg		102	80 - 120	5	30
tert-Butylbenzene	0.0200	0.0213		mg/Kg		106	80 - 120	8	30
Tetrachloroethene	0.0200	0.0190		mg/Kg		95	73 - 120	11	30
Toluene	0.0200	0.0198		mg/Kg		99	80 - 120	8	30
trans-1,2-Dichloroethene	0.0200	0.0205		mg/Kg		103	78 - 120	9	30

Method: 8260D - Volatile Organic Compounds by GC/MS (Continued)

Lab Sample ID: LCSD 460-1068587/4
Matrix: Solid
Analysis Batch: 1068587

Client Sample ID: Lab Control Sample Dup
Prep Type: Total/NA

Analyte			Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
trans-1,3-Dichloropropene			0.0200	0.0181		mg/Kg		91	77 - 120	8	30
Trichloroethene			0.0200	0.0189		mg/Kg		95	80 - 120	6	30
Trichlorofluoromethane			0.0200	0.0218		mg/Kg		109	61 - 130	14	30
Vinyl chloride			0.0200	0.0226		mg/Kg		113	54 - 122	12	30
Xylenes, Total			0.0400	0.0419		mg/Kg		105	80 - 120	8	30

Surrogate	*LCSD %Recovery*	*LCSD Qualifier*	*Limits*
1,2-Dichloroethane-d4 (Surr)	*80*		*65 - 138*
4-Bromofluorobenzene	*97*		*71 - 128*
Dibromofluoromethane (Surr)	*91*		*50 - 150*
Toluene-d8 (Surr)	*98*		*71 - 126*

Method: 8270E - Semivolatile Organic Compounds (GC/MS)

Lab Sample ID: MB 460-1067279/1-A
Matrix: Solid
Analysis Batch: 1067343

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 1067279

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1'-Biphenyl	0.33	U	0.33	0.012	mg/Kg		10/10/25 06:36	10/10/25 10:33	1
1,2,4,5-Tetrachlorobenzene	0.33	U	0.33	0.010	mg/Kg		10/10/25 06:36	10/10/25 10:33	1
1,4-Dioxane	0.033	U	0.033	0.029	mg/Kg		10/10/25 06:36	10/10/25 10:33	1
2,2'-oxybis[1-chloropropane]	0.33	U	0.33	0.020	mg/Kg		10/10/25 06:36	10/10/25 10:33	1
2,3,4,6-Tetrachlorophenol	0.33	U	0.33	0.022	mg/Kg		10/10/25 06:36	10/10/25 10:33	1
2,4,5-Trichlorophenol	0.33	U	0.33	0.034	mg/Kg		10/10/25 06:36	10/10/25 10:33	1
2,4,6-Trichlorophenol	0.13	U	0.13	0.042	mg/Kg		10/10/25 06:36	10/10/25 10:33	1
2,4-Dichlorophenol	0.13	U	0.13	0.021	mg/Kg		10/10/25 06:36	10/10/25 10:33	1
2,4-Dimethylphenol	0.33	U	0.33	0.039	mg/Kg		10/10/25 06:36	10/10/25 10:33	1
2,4-Dinitrophenol	0.27	U	0.27	0.16	mg/Kg		10/10/25 06:36	10/10/25 10:33	1
2,4-Dinitrotoluene	0.067	U	0.067	0.036	mg/Kg		10/10/25 06:36	10/10/25 10:33	1
2,6-Dinitrotoluene	0.067	U	0.067	0.024	mg/Kg		10/10/25 06:36	10/10/25 10:33	1
2-Chloronaphthalene	0.33	U	0.33	0.043	mg/Kg		10/10/25 06:36	10/10/25 10:33	1
2-Chlorophenol	0.33	U	0.33	0.012	mg/Kg		10/10/25 06:36	10/10/25 10:33	1
2-Methylnaphthalene	0.33	U	0.33	0.0093	mg/Kg		10/10/25 06:36	10/10/25 10:33	1
2-Methylphenol	0.33	U	0.33	0.012	mg/Kg		10/10/25 06:36	10/10/25 10:33	1
2-Nitroaniline	0.33	U	0.33	0.025	mg/Kg		10/10/25 06:36	10/10/25 10:33	1
2-Nitrophenol	0.33	U	0.33	0.033	mg/Kg		10/10/25 06:36	10/10/25 10:33	1
3 & 4 Methylphenol	0.33	U	0.33	0.021	mg/Kg		10/10/25 06:36	10/10/25 10:33	1
3,3'-Dichlorobenzidine	0.13	U	0.13	0.050	mg/Kg		10/10/25 06:36	10/10/25 10:33	1
3-Nitroaniline	0.33	U	0.33	0.079	mg/Kg		10/10/25 06:36	10/10/25 10:33	1
4,6-Dinitro-2-methylphenol	0.27	U	0.27	0.14	mg/Kg		10/10/25 06:36	10/10/25 10:33	1
4-Bromophenyl phenyl ether	0.33	U	0.33	0.013	mg/Kg		10/10/25 06:36	10/10/25 10:33	1
4-Chloro-3-methylphenol	0.33	U	0.33	0.019	mg/Kg		10/10/25 06:36	10/10/25 10:33	1
4-Chloroaniline	0.33	U	0.33	0.059	mg/Kg		10/10/25 06:36	10/10/25 10:33	1
4-Chlorophenyl phenyl ether	0.33	U	0.33	0.012	mg/Kg		10/10/25 06:36	10/10/25 10:33	1
4-Methylphenol	0.33	U	0.33	0.021	mg/Kg		10/10/25 06:36	10/10/25 10:33	1
4-Nitroaniline	0.33	U	0.33	0.084	mg/Kg		10/10/25 06:36	10/10/25 10:33	1
4-Nitrophenol	0.67	U	0.67	0.054	mg/Kg		10/10/25 06:36	10/10/25 10:33	1
Acenaphthene	0.33	U	0.33	0.0094	mg/Kg		10/10/25 06:36	10/10/25 10:33	1

Method: 8270E - Semivolatile Organic Compounds (GC/MS) (Continued)

Lab Sample ID: MB 460-1067279/1-A
Matrix: Solid
Analysis Batch: 1067343

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 1067279

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Acenaphthylene	0.33	U	0.33	0.0095	mg/Kg		10/10/25 06:36	10/10/25 10:33	1
Acetophenone	0.33	U	0.33	0.016	mg/Kg		10/10/25 06:36	10/10/25 10:33	1
Anthracene	0.33	U	0.33	0.010	mg/Kg		10/10/25 06:36	10/10/25 10:33	1
Atrazine	0.13	U	0.13	0.019	mg/Kg		10/10/25 06:36	10/10/25 10:33	1
Benzaldehyde	0.33	U	0.33	0.055	mg/Kg		10/10/25 06:36	10/10/25 10:33	1
Benzo[a]anthracene	0.033	U	0.033	0.025	mg/Kg		10/10/25 06:36	10/10/25 10:33	1
Benzo[a]pyrene	0.033	U	0.033	0.0088	mg/Kg		10/10/25 06:36	10/10/25 10:33	1
Benzo[b]fluoranthene	0.033	U	0.033	0.0086	mg/Kg		10/10/25 06:36	10/10/25 10:33	1
Benzo[g,h,i]perylene	0.33	U	0.33	0.0098	mg/Kg		10/10/25 06:36	10/10/25 10:33	1
Benzo[k]fluoranthene	0.033	U	0.033	0.0065	mg/Kg		10/10/25 06:36	10/10/25 10:33	1
Bis(2-chloroethoxy)methane	0.33	U	0.33	0.061	mg/Kg		10/10/25 06:36	10/10/25 10:33	1
Bis(2-chloroethyl)ether	0.033	U	0.033	0.012	mg/Kg		10/10/25 06:36	10/10/25 10:33	1
Bis(2-ethylhexyl) phthalate	0.33	U	0.33	0.017	mg/Kg		10/10/25 06:36	10/10/25 10:33	1
Butyl benzyl phthalate	0.33	U	0.33	0.016	mg/Kg		10/10/25 06:36	10/10/25 10:33	1
Caprolactam	0.33	U	0.33	0.051	mg/Kg		10/10/25 06:36	10/10/25 10:33	1
Carbazole	0.33	U	0.33	0.013	mg/Kg		10/10/25 06:36	10/10/25 10:33	1
Chrysene	0.33	U	0.33	0.014	mg/Kg		10/10/25 06:36	10/10/25 10:33	1
Dibenz(a,h)anthracene	0.033	U	0.033	0.014	mg/Kg		10/10/25 06:36	10/10/25 10:33	1
Dibenzofuran	0.33	U	0.33	0.011	mg/Kg		10/10/25 06:36	10/10/25 10:33	1
Diethyl phthalate	0.33	U	0.33	0.011	mg/Kg		10/10/25 06:36	10/10/25 10:33	1
Dimethyl phthalate	0.33	U	0.33	0.075	mg/Kg		10/10/25 06:36	10/10/25 10:33	1
Di-n-butyl phthalate	0.33	U	0.33	0.012	mg/Kg		10/10/25 06:36	10/10/25 10:33	1
Di-n-octyl phthalate	0.33	U	0.33	0.018	mg/Kg		10/10/25 06:36	10/10/25 10:33	1
Fluoranthene	0.33	U	0.33	0.012	mg/Kg		10/10/25 06:36	10/10/25 10:33	1
Fluorene	0.33	U	0.33	0.0097	mg/Kg		10/10/25 06:36	10/10/25 10:33	1
Hexachlorobenzene	0.033	U	0.033	0.016	mg/Kg		10/10/25 06:36	10/10/25 10:33	1
Hexachlorobutadiene	0.067	U	0.067	0.0070	mg/Kg		10/10/25 06:36	10/10/25 10:33	1
Hexachlorocyclopentadiene	0.33	U	0.33	0.029	mg/Kg		10/10/25 06:36	10/10/25 10:33	1
Hexachloroethane	0.033	U	0.033	0.011	mg/Kg		10/10/25 06:36	10/10/25 10:33	1
Indeno[1,2,3-cd]pyrene	0.033	U	0.033	0.013	mg/Kg		10/10/25 06:36	10/10/25 10:33	1
Isophorone	0.13	U	0.13	0.096	mg/Kg		10/10/25 06:36	10/10/25 10:33	1
Naphthalene	0.33	U	0.33	0.0057	mg/Kg		10/10/25 06:36	10/10/25 10:33	1
Nitrobenzene	0.033	U	0.033	0.018	mg/Kg		10/10/25 06:36	10/10/25 10:33	1
N-Nitrosodi-n-propylamine	0.033	U	0.033	0.024	mg/Kg		10/10/25 06:36	10/10/25 10:33	1
N-Nitrosodiphenylamine	0.33	U	0.33	0.027	mg/Kg		10/10/25 06:36	10/10/25 10:33	1
Pentachlorophenol	0.27	U	0.27	0.068	mg/Kg		10/10/25 06:36	10/10/25 10:33	1
Phenanthrene	0.33	U	0.33	0.014	mg/Kg		10/10/25 06:36	10/10/25 10:33	1
Phenol	0.33	U	0.33	0.012	mg/Kg		10/10/25 06:36	10/10/25 10:33	1
Pyrene	0.33	U	0.33	0.0082	mg/Kg		10/10/25 06:36	10/10/25 10:33	1

Surrogate	*MB %Recovery*	*MB Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
2,4,6-Tribromophenol (Surr)	*90*		*18 - 137*	*10/10/25 06:36*	*10/10/25 10:33*	*1*
2-Fluorobiphenyl	*83*		*33 - 117*	*10/10/25 06:36*	*10/10/25 10:33*	*1*
2-Fluorophenol (Surr)	*89*		*24 - 120*	*10/10/25 06:36*	*10/10/25 10:33*	*1*
Nitrobenzene-d5 (Surr)	*87*		*27 - 120*	*10/10/25 06:36*	*10/10/25 10:33*	*1*
Phenol-d5 (Surr)	*84*		*28 - 118*	*10/10/25 06:36*	*10/10/25 10:33*	*1*
Terphenyl-d14 (Surr)	*89*		*33 - 124*	*10/10/25 06:36*	*10/10/25 10:33*	*1*

Method: 8270E - Semivolatile Organic Compounds (GC/MS) (Continued)

Lab Sample ID: LCS 460-1067279/2-A
Matrix: Solid
Analysis Batch: 1067343

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 1067279

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
1,1'-Biphenyl	3.33	2.52		mg/Kg		76	64 - 120
1,2,4,5-Tetrachlorobenzene	3.33	2.52		mg/Kg		76	60 - 120
1,4-Dioxane	3.33	2.31		mg/Kg		69	31 - 105
2,2'-oxybis[1-chloropropane]	3.33	2.52		mg/Kg		75	50 - 126
2,3,4,6-Tetrachlorophenol	3.33	2.60		mg/Kg		78	62 - 120
2,4,5-Trichlorophenol	3.33	2.55		mg/Kg		76	64 - 120
2,4,6-Trichlorophenol	3.33	2.59		mg/Kg		78	65 - 120
2,4-Dichlorophenol	3.33	2.71		mg/Kg		81	66 - 120
2,4-Dimethylphenol	3.33	2.72		mg/Kg		82	75 - 136
2,4-Dinitrophenol	6.67	5.30		mg/Kg		80	41 - 120
2,4-Dinitrotoluene	3.33	2.76		mg/Kg		83	65 - 124
2,6-Dinitrotoluene	3.33	2.69		mg/Kg		81	67 - 121
2-Chloronaphthalene	3.33	2.49		mg/Kg		75	64 - 120
2-Chlorophenol	3.33	2.72		mg/Kg		82	63 - 120
2-Methylnaphthalene	3.33	2.76		mg/Kg		83	56 - 102
2-Methylphenol	3.33	2.67		mg/Kg		80	63 - 120
2-Nitroaniline	3.33	2.45		mg/Kg		73	52 - 120
2-Nitrophenol	3.33	2.79		mg/Kg		84	64 - 120
3 & 4 Methylphenol	3.33	2.72		mg/Kg		82	61 - 120
3,3'-Dichlorobenzidine	3.33	2.37		mg/Kg		71	10 - 106
3-Nitroaniline	3.33	2.23		mg/Kg		67	18 - 105
4,6-Dinitro-2-methylphenol	6.67	6.25		mg/Kg		94	61 - 127
4-Bromophenyl phenyl ether	3.33	2.65		mg/Kg		79	64 - 120
4-Chloro-3-methylphenol	3.33	2.71		mg/Kg		81	68 - 120
4-Chloroaniline	3.33	2.04		mg/Kg		61	10 - 107
4-Chlorophenyl phenyl ether	3.33	2.56		mg/Kg		77	62 - 120
4-Methylphenol	3.33	2.72		mg/Kg		82	61 - 120
4-Nitroaniline	3.33	2.18		mg/Kg		66	51 - 112
4-Nitrophenol	6.67	4.34		mg/Kg		65	52 - 122
Acenaphthene	3.33	2.51		mg/Kg		75	65 - 120
Acenaphthylene	3.33	2.63		mg/Kg		79	68 - 120
Acetophenone	3.33	2.68		mg/Kg		80	61 - 111
Anthracene	3.33	2.64		mg/Kg		79	67 - 120
Atrazine	1.33	1.64		mg/Kg		123	52 - 150
Benzaldehyde	1.33	1.37		mg/Kg		103	45 - 150
Benzo[a]anthracene	3.33	2.64		mg/Kg		79	66 - 120
Benzo[a]pyrene	3.33	2.82		mg/Kg		85	69 - 123
Benzo[b]fluoranthene	3.33	2.65		mg/Kg		79	66 - 125
Benzo[g,h,i]perylene	3.33	2.56		mg/Kg		77	66 - 138
Benzo[k]fluoranthene	3.33	2.77		mg/Kg		83	67 - 122
Bis(2-chloroethoxy)methane	3.33	2.65		mg/Kg		80	62 - 120
Bis(2-chloroethyl)ether	3.33	2.82		mg/Kg		85	60 - 120
Bis(2-ethylhexyl) phthalate	3.33	2.79		mg/Kg		84	64 - 125
Butyl benzyl phthalate	3.33	2.90		mg/Kg		87	62 - 127
Caprolactam	1.33	1.59		mg/Kg		119	46 - 150
Carbazole	3.33	2.59		mg/Kg		78	64 - 120
Chrysene	3.33	2.69		mg/Kg		81	67 - 120
Dibenz(a,h)anthracene	3.33	2.81		mg/Kg		84	66 - 128

Method: 8270E - Semivolatile Organic Compounds (GC/MS) (Continued)

Lab Sample ID: LCS 460-1067279/2-A
Matrix: Solid
Analysis Batch: 1067343

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 1067279

Analyte			Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits		
Dibenzofuran			3.33	2.52		mg/Kg		76	61 - 120		
Diethyl phthalate			3.33	2.59		mg/Kg		78	63 - 120		
Dimethyl phthalate			3.33	2.59		mg/Kg		78	65 - 120		
Di-n-butyl phthalate			3.33	2.98		mg/Kg		90	61 - 120		
Di-n-octyl phthalate			3.33	2.94		mg/Kg		88	61 - 123		
Fluoranthene			3.33	2.69		mg/Kg		81	61 - 120		
Fluorene			3.33	2.54		mg/Kg		76	64 - 120		
Hexachlorobenzene			3.33	2.62		mg/Kg		79	66 - 120		
Hexachlorobutadiene			3.33	2.70		mg/Kg		81	62 - 120		
Hexachlorocyclopentadiene			3.33	1.32		mg/Kg		40	32 - 150		
Hexachloroethane			3.33	2.65		mg/Kg		79	61 - 112		
Indeno[1,2,3-cd]pyrene			3.33	2.47		mg/Kg		74	63 - 137		
Isophorone			3.33	2.67		mg/Kg		80	61 - 120		
Naphthalene			3.33	2.64		mg/Kg		79	63 - 113		
Nitrobenzene			3.33	2.76		mg/Kg		83	63 - 120		
N-Nitrosodi-n-propylamine			3.33	2.65		mg/Kg		80	60 - 120		
N-Nitrosodiphenylamine			3.33	2.64		mg/Kg		79	63 - 120		
Pentachlorophenol			6.67	5.44		mg/Kg		82	61 - 126		
Phenanthrene			3.33	2.64		mg/Kg		79	66 - 120		
Phenol			3.33	2.66		mg/Kg		80	63 - 120		
Pyrene			3.33	2.66		mg/Kg		80	61 - 121		

Surrogate	*LCS %Recovery*	*LCS Qualifier*	*Limits*
2,4,6-Tribromophenol (Surr)	*75*		*18 - 137*
2-Fluorobiphenyl	*70*		*33 - 117*
2-Fluorophenol (Surr)	*77*		*24 - 120*
Nitrobenzene-d5 (Surr)	*73*		*27 - 120*
Phenol-d5 (Surr)	*74*		*28 - 118*
Terphenyl-d14 (Surr)	*71*		*33 - 124*

Lab Sample ID: LCSD 460-1067279/3-A
Matrix: Solid
Analysis Batch: 1067343

Client Sample ID: Lab Control Sample Dup
Prep Type: Total/NA
Prep Batch: 1067279

Analyte			Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
1,1'-Biphenyl			3.33	2.50		mg/Kg		75	64 - 120	1	30
1,2,4,5-Tetrachlorobenzene			3.33	2.48		mg/Kg		74	60 - 120	2	30
1,4-Dioxane			3.33	2.16		mg/Kg		65	31 - 105	7	30
2,2'-oxybis[1-chloropropane]			3.33	2.47		mg/Kg		74	50 - 126	2	30
2,3,4,6-Tetrachlorophenol			3.33	2.59		mg/Kg		78	62 - 120	0	30
2,4,5-Trichlorophenol			3.33	2.54		mg/Kg		76	64 - 120	0	30
2,4,6-Trichlorophenol			3.33	2.57		mg/Kg		77	65 - 120	1	30
2,4-Dichlorophenol			3.33	2.73		mg/Kg		82	66 - 120	1	30
2,4-Dimethylphenol			3.33	2.69		mg/Kg		81	75 - 136	1	30
2,4-Dinitrophenol			6.67	5.39		mg/Kg		81	41 - 120	2	30
2,4-Dinitrotoluene			3.33	2.75		mg/Kg		83	65 - 124	0	30
2,6-Dinitrotoluene			3.33	2.72		mg/Kg		82	67 - 121	1	30
2-Chloronaphthalene			3.33	2.47		mg/Kg		74	64 - 120	1	30

Method: 8270E - Semivolatile Organic Compounds (GC/MS) (Continued)

Lab Sample ID: LCSD 460-1067279/3-A
Matrix: Solid
Analysis Batch: 1067343

Client Sample ID: Lab Control Sample Dup
Prep Type: Total/NA
Prep Batch: 1067279

Analyte			Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
2-Chlorophenol			3.33	2.67		mg/Kg		80	63 - 120	2	30
2-Methylnaphthalene			3.33	2.72		mg/Kg		82	56 - 102	1	30
2-Methylphenol			3.33	2.65		mg/Kg		79	63 - 120	1	30
2-Nitroaniline			3.33	2.47		mg/Kg		74	52 - 120	1	30
2-Nitrophenol			3.33	2.78		mg/Kg		83	64 - 120	0	30
3 & 4 Methylphenol			3.33	2.72		mg/Kg		82	61 - 120	0	30
3,3'-Dichlorobenzidine			3.33	2.40		mg/Kg		72	10 - 106	1	30
3-Nitroaniline			3.33	2.32		mg/Kg		70	18 - 105	4	30
4,6-Dinitro-2-methylphenol			6.67	6.27		mg/Kg		94	61 - 127	0	30
4-Bromophenyl phenyl ether			3.33	2.63		mg/Kg		79	64 - 120	1	30
4-Chloro-3-methylphenol			3.33	2.71		mg/Kg		81	68 - 120	0	30
4-Chloroaniline			3.33	2.19		mg/Kg		66	10 - 107	7	30
4-Chlorophenyl phenyl ether			3.33	2.54		mg/Kg		76	62 - 120	1	30
4-Methylphenol			3.33	2.72		mg/Kg		82	61 - 120	0	30
4-Nitroaniline			3.33	2.16		mg/Kg		65	51 - 112	1	30
4-Nitrophenol			6.67	4.42		mg/Kg		66	52 - 122	2	30
Acenaphthene			3.33	2.48		mg/Kg		74	65 - 120	1	30
Acenaphthylene			3.33	2.61		mg/Kg		78	68 - 120	1	30
Acetophenone			3.33	2.60		mg/Kg		78	61 - 111	3	30
Anthracene			3.33	2.59		mg/Kg		78	67 - 120	2	30
Atrazine			1.33	1.67		mg/Kg		125	52 - 150	2	30
Benzaldehyde			1.33	1.40		mg/Kg		105	45 - 150	2	30
Benzo[a]anthracene			3.33	2.58		mg/Kg		77	66 - 120	2	30
Benzo[a]pyrene			3.33	2.74		mg/Kg		82	69 - 123	3	30
Benzo[b]fluoranthene			3.33	2.60		mg/Kg		78	66 - 125	2	30
Benzo[g,h,i]perylene			3.33	2.51		mg/Kg		75	66 - 138	2	30
Benzo[k]fluoranthene			3.33	2.68		mg/Kg		80	67 - 122	3	30
Bis(2-chloroethoxy)methane			3.33	2.63		mg/Kg		79	62 - 120	1	30
Bis(2-chloroethyl)ether			3.33	2.65		mg/Kg		80	60 - 120	6	30
Bis(2-ethylhexyl) phthalate			3.33	2.74		mg/Kg		82	64 - 125	2	30
Butyl benzyl phthalate			3.33	2.87		mg/Kg		86	62 - 127	1	30
Caprolactam			1.33	1.68		mg/Kg		126	46 - 150	6	30
Carbazole			3.33	2.54		mg/Kg		76	64 - 120	2	30
Chrysene			3.33	2.60		mg/Kg		78	67 - 120	3	30
Dibenz(a,h)anthracene			3.33	2.79		mg/Kg		84	66 - 128	1	30
Dibenzofuran			3.33	2.51		mg/Kg		75	61 - 120	1	30
Diethyl phthalate			3.33	2.57		mg/Kg		77	63 - 120	1	30
Dimethyl phthalate			3.33	2.57		mg/Kg		77	65 - 120	1	30
Di-n-butyl phthalate			3.33	2.95		mg/Kg		88	61 - 120	1	30
Di-n-octyl phthalate			3.33	2.88		mg/Kg		86	61 - 123	2	30
Fluoranthene			3.33	2.63		mg/Kg		79	61 - 120	2	30
Fluorene			3.33	2.52		mg/Kg		76	64 - 120	1	30
Hexachlorobenzene			3.33	2.60		mg/Kg		78	66 - 120	1	30
Hexachlorobutadiene			3.33	2.66		mg/Kg		80	62 - 120	2	30
Hexachlorocyclopentadiene			3.33	1.31		mg/Kg		39	32 - 150	0	30
Hexachloroethane			3.33	2.61		mg/Kg		78	61 - 112	1	30
Indeno[1,2,3-cd]pyrene			3.33	2.45		mg/Kg		74	63 - 137	1	30
Isophorone			3.33	2.65		mg/Kg		80	61 - 120	0	30
Naphthalene			3.33	2.60		mg/Kg		78	63 - 113	1	30

Method: 8270E - Semivolatile Organic Compounds (GC/MS) (Continued)

Lab Sample ID: LCSD 460-1067279/3-A
Matrix: Solid
Analysis Batch: 1067343

Client Sample ID: Lab Control Sample Dup
Prep Type: Total/NA
Prep Batch: 1067279

Analyte			Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Nitrobenzene			3.33	2.69		mg/Kg		81	63 - 120	3	30
N-Nitrosodi-n-propylamine			3.33	2.63		mg/Kg		79	60 - 120	1	30
N-Nitrosodiphenylamine			3.33	2.60		mg/Kg		78	63 - 120	1	30
Pentachlorophenol			6.67	5.36		mg/Kg		80	61 - 126	2	30
Phenanthrene			3.33	2.63		mg/Kg		79	66 - 120	1	30
Phenol			3.33	2.67		mg/Kg		80	63 - 120	0	30
Pyrene			3.33	2.60		mg/Kg		78	61 - 121	2	30

Surrogate	*LCSD %Recovery*	*LCSD Qualifier*	*Limits*
2,4,6-Tribromophenol (Surr)	*75*		*18 - 137*
2-Fluorobiphenyl	*71*		*33 - 117*
2-Fluorophenol (Surr)	*76*		*24 - 120*
Nitrobenzene-d5 (Surr)	*73*		*27 - 120*
Phenol-d5 (Surr)	*74*		*28 - 118*
Terphenyl-d14 (Surr)	*71*		*33 - 124*

Lab Sample ID: 460-336325-A-11-C MS
Matrix: Solid
Analysis Batch: 1067343

Client Sample ID: Matrix Spike
Prep Type: Total/NA
Prep Batch: 1067279

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec Limits
1,1'-Biphenyl	4.3		3.91	5.77	*	mg/Kg	☼	37	64 - 120
1,2,4,5-Tetrachlorobenzene	0.39	U	3.91	3.48		mg/Kg	☼	89	60 - 120
1,4-Dioxane	0.039	U	3.91	1.90		mg/Kg	☼	49	31 - 105
2,2'-oxybis[1-chloropropane]	0.39	U	3.91	2.86		mg/Kg	☼	73	50 - 126
2,3,4,6-Tetrachlorophenol	0.39	U	3.91	3.39		mg/Kg	☼	87	62 - 120
2,4,5-Trichlorophenol	0.39	U	3.91	3.53		mg/Kg	☼	90	64 - 120
2,4,6-Trichlorophenol	0.16	U	3.91	3.62		mg/Kg	☼	93	65 - 120
2,4-Dichlorophenol	0.50		3.91	3.66		mg/Kg	☼	81	66 - 120
2,4-Dimethylphenol	0.39	U	3.91	3.38		mg/Kg	☼	86	75 - 136
2,4-Dinitrophenol	0.31	U	7.81	0.565	*	mg/Kg	☼	7	41 - 120
2,4-Dinitrotoluene	0.078	U	3.91	4.98	*	mg/Kg	☼	128	65 - 124
2,6-Dinitrotoluene	0.078	U	3.91	3.62		mg/Kg	☼	93	67 - 121
2-Chloronaphthalene	0.39	U	3.91	3.46		mg/Kg	☼	89	64 - 120
2-Chlorophenol	0.39	U	3.91	3.23		mg/Kg	☼	83	63 - 120
2-Methylnaphthalene	33	E	3.91	19.9	E *	mg/Kg	☼	-326	56 - 102
2-Methylphenol	0.39	U	3.91	3.13		mg/Kg	☼	80	63 - 120
2-Nitroaniline	0.39	U	3.91	3.30		mg/Kg	☼	85	52 - 120
2-Nitrophenol	0.39	U	3.91	2.56		mg/Kg	☼	66	64 - 120
3 & 4 Methylphenol	0.39	U	3.91	3.20		mg/Kg	☼	82	61 - 120
3,3'-Dichlorobenzidine	0.16	U	3.91	3.16		mg/Kg	☼	81	10 - 106
3-Nitroaniline	0.39	U	3.91	3.59		mg/Kg	☼	92	18 - 105
4,6-Dinitro-2-methylphenol	0.31	U	7.81	0.558	*	mg/Kg	☼	7	61 - 127
4-Bromophenyl phenyl ether	0.39	U	3.91	3.48		mg/Kg	☼	89	64 - 120
4-Chloro-3-methylphenol	0.39	U	3.91	3.32		mg/Kg	☼	85	68 - 120
4-Chloroaniline	0.39	U	3.91	2.56		mg/Kg	☼	66	10 - 107
4-Chlorophenyl phenyl ether	0.39	U	3.91	3.32		mg/Kg	☼	85	62 - 120
4-Methylphenol	0.39	U	3.91	3.20		mg/Kg	☼	82	61 - 120

Method: 8270E - Semivolatile Organic Compounds (GC/MS) (Continued)

Lab Sample ID: 460-336325-A-11-C MS
Matrix: Solid
Analysis Batch: 1067343

Client Sample ID: Matrix Spike
Prep Type: Total/NA
Prep Batch: 1067279

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec Limits
4-Nitroaniline	0.39	U	3.91	3.57		mg/Kg	☼	91	51 - 112
4-Nitrophenol	0.78	U	7.81	5.42		mg/Kg	☼	69	52 - 122
Acenaphthene	1.4		3.91	4.22		mg/Kg	☼	73	65 - 120
Acenaphthylene	0.39	U	3.91	3.74		mg/Kg	☼	96	68 - 120
Acetophenone	0.39	U	3.91	7.39	*	mg/Kg	☼	189	61 - 111
Anthracene	0.57		3.91	3.80		mg/Kg	☼	83	67 - 120
Atrazine	0.16	U	1.56	3.22	E *	mg/Kg	☼	206	52 - 150
Benzaldehyde	0.39	U	1.56	2.37	E *	mg/Kg	☼	152	45 - 150
Benzo[a]anthracene	0.039	U	3.91	3.55		mg/Kg	☼	91	66 - 120
Benzo[a]pyrene	0.039	U	3.91	3.63		mg/Kg	☼	93	69 - 123
Benzo[b]fluoranthene	0.039	U	3.91	3.49		mg/Kg	☼	89	66 - 125
Benzo[g,h,i]perylene	0.39	U	3.91	2.96		mg/Kg	☼	76	66 - 138
Benzo[k]fluoranthene	0.039	U	3.91	3.20		mg/Kg	☼	82	67 - 122
Bis(2-chloroethoxy)methane	0.39	U	3.91	3.55		mg/Kg	☼	91	62 - 120
Bis(2-chloroethyl)ether	0.039	U	3.91	3.15		mg/Kg	☼	81	60 - 120
Bis(2-ethylhexyl) phthalate	0.39	U	3.91	3.74		mg/Kg	☼	96	64 - 125
Butyl benzyl phthalate	0.39	U	3.91	3.77		mg/Kg	☼	97	62 - 127
Caprolactam	0.39	U	1.56	15.2	E *	mg/Kg	☼	972	46 - 150
Carbazole	0.39	U	3.91	3.44		mg/Kg	☼	88	64 - 120
Chrysene	0.39	U	3.91	3.43		mg/Kg	☼	88	67 - 120
Dibenz(a,h)anthracene	0.039	U	3.91	3.55		mg/Kg	☼	91	66 - 128
Dibenzofuran	0.39	U	3.91	4.15		mg/Kg	☼	106	61 - 120
Diethyl phthalate	0.39	U	3.91	3.47		mg/Kg	☼	89	63 - 120
Dimethyl phthalate	0.39	U	3.91	3.41		mg/Kg	☼	87	65 - 120
Di-n-butyl phthalate	0.39	U	3.91	3.92		mg/Kg	☼	100	61 - 120
Di-n-octyl phthalate	0.39	U	3.91	3.84		mg/Kg	☼	98	61 - 123
Fluoranthene	0.25	J	3.91	3.74		mg/Kg	☼	89	61 - 120
Fluorene	3.4		3.91	5.11	*	mg/Kg	☼	45	64 - 120
Hexachlorobenzene	0.039	U	3.91	3.39		mg/Kg	☼	87	66 - 120
Hexachlorobutadiene	0.078	U	3.91	3.33		mg/Kg	☼	85	62 - 120
Hexachlorocyclopentadiene	0.39	U	3.91	0.888	*	mg/Kg	☼	23	32 - 150
Hexachloroethane	0.039	U	3.91	4.49	*	mg/Kg	☼	115	61 - 112
Indeno[1,2,3-cd]pyrene	0.039	U	3.91	2.92		mg/Kg	☼	75	63 - 137
Isophorone	0.16	U	3.91	4.02		mg/Kg	☼	103	61 - 120
Naphthalene	3.5		3.91	4.67	*	mg/Kg	☼	31	63 - 113
Nitrobenzene	0.039	U	3.91	3.22		mg/Kg	☼	82	63 - 120
N-Nitrosodi-n-propylamine	0.039	U	3.91	4.43		mg/Kg	☼	113	60 - 120
N-Nitrosodiphenylamine	0.39	U	3.91	7.75	*	mg/Kg	☼	198	63 - 120
Pentachlorophenol	0.31	U	7.81	7.12		mg/Kg	☼	91	61 - 126
Phenanthrene	6.0		3.91	6.31	*	mg/Kg	☼	9	66 - 120
Phenol	0.39	U	3.91	3.17		mg/Kg	☼	81	63 - 120
Pyrene	1.3		3.91	3.87		mg/Kg	☼	67	61 - 121

Surrogate	*MS %Recovery*	*MS Qualifier*	*Limits*
2,4,6-Tribromophenol (Surr)	*75*		*18 - 137*
2-Fluorobiphenyl	*69*		*33 - 117*
2-Fluorophenol (Surr)	*69*		*24 - 120*
Nitrobenzene-d5 (Surr)	*80*		*27 - 120*

Method: 8270E - Semivolatile Organic Compounds (GC/MS) (Continued)

Lab Sample ID: 460-336325-A-11-C MS
Matrix: Solid
Analysis Batch: 1067343

Client Sample ID: Matrix Spike
Prep Type: Total/NA
Prep Batch: 1067279

Surrogate	MS %Recovery	MS Qualifier	Limits
Phenol-d5 (Surr)	66		28 - 118
Terphenyl-d14 (Surr)	66		33 - 124

Lab Sample ID: 460-336325-A-11-D MSD
Matrix: Solid
Analysis Batch: 1067343

Client Sample ID: Matrix Spike Duplicate
Prep Type: Total/NA
Prep Batch: 1067279

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
1,1'-Biphenyl	4.3		3.91	5.84	*	mg/Kg	☼	38	64 - 120	1	30
1,2,4,5-Tetrachlorobenzene	0.39	U	3.91	3.41		mg/Kg	☼	87	60 - 120	2	30
1,4-Dioxane	0.039	U	3.91	1.97		mg/Kg	☼	50	31 - 105	3	30
2,2'-oxybis[1-chloropropane]	0.39	U	3.91	2.83		mg/Kg	☼	72	50 - 126	1	30
2,3,4,6-Tetrachlorophenol	0.39	U	3.91	3.41		mg/Kg	☼	87	62 - 120	1	30
2,4,5-Trichlorophenol	0.39	U	3.91	3.45		mg/Kg	☼	88	64 - 120	2	30
2,4,6-Trichlorophenol	0.16	U	3.91	3.47		mg/Kg	☼	89	65 - 120	4	30
2,4-Dichlorophenol	0.50		3.91	3.60		mg/Kg	☼	79	66 - 120	2	30
2,4-Dimethylphenol	0.39	U	3.91	3.36		mg/Kg	☼	86	75 - 136	1	30
2,4-Dinitrophenol	0.31	U	7.82	0.561	*	mg/Kg	☼	7	41 - 120	1	30
2,4-Dinitrotoluene	0.078	U	3.91	4.91	*	mg/Kg	☼	125	65 - 124	2	30
2,6-Dinitrotoluene	0.078	U	3.91	3.70		mg/Kg	☼	95	67 - 121	2	30
2-Chloronaphthalene	0.39	U	3.91	3.33		mg/Kg	☼	85	64 - 120	4	30
2-Chlorophenol	0.39	U	3.91	3.20		mg/Kg	☼	82	63 - 120	1	30
2-Methylnaphthalene	33	E	3.91	18.7	E *	mg/Kg	☼	-356	56 - 102	6	30
2-Methylphenol	0.39	U	3.91	3.10		mg/Kg	☼	79	63 - 120	1	30
2-Nitroaniline	0.39	U	3.91	3.45		mg/Kg	☼	88	52 - 120	4	30
2-Nitrophenol	0.39	U	3.91	2.61		mg/Kg	☼	67	64 - 120	2	30
3 & 4 Methylphenol	0.39	U	3.91	3.16		mg/Kg	☼	81	61 - 120	1	30
3,3'-Dichlorobenzidine	0.16	U	3.91	3.25		mg/Kg	☼	83	10 - 106	3	30
3-Nitroaniline	0.39	U	3.91	3.68		mg/Kg	☼	94	18 - 105	2	30
4,6-Dinitro-2-methylphenol	0.31	U	7.82	0.31	U *	mg/Kg	☼	0	61 - 127	NC	30
4-Bromophenyl phenyl ether	0.39	U	3.91	3.53		mg/Kg	☼	90	64 - 120	1	30
4-Chloro-3-methylphenol	0.39	U	3.91	3.30		mg/Kg	☼	84	68 - 120	1	30
4-Chloroaniline	0.39	U	3.91	2.42		mg/Kg	☼	62	10 - 107	6	30
4-Chlorophenyl phenyl ether	0.39	U	3.91	3.27		mg/Kg	☼	84	62 - 120	2	30
4-Methylphenol	0.39	U	3.91	3.16		mg/Kg	☼	81	61 - 120	1	30
4-Nitroaniline	0.39	U	3.91	2.93		mg/Kg	☼	75	51 - 112	20	30
4-Nitrophenol	0.78	U	7.82	5.58		mg/Kg	☼	71	52 - 122	3	30
Acenaphthene	1.4		3.91	4.12		mg/Kg	☼	70	65 - 120	3	30
Acenaphthylene	0.39	U	3.91	3.66		mg/Kg	☼	94	68 - 120	2	30
Acetophenone	0.39	U	3.91	7.48	*	mg/Kg	☼	191	61 - 111	1	30
Anthracene	0.57		3.91	3.65		mg/Kg	☼	79	67 - 120	4	30
Atrazine	0.16	U	1.56	2.89	E *	mg/Kg	☼	184	52 - 150	11	30
Benzaldehyde	0.39	U	1.56	2.36	E *	mg/Kg	☼	151	45 - 150	0	30
Benzo[a]anthracene	0.039	U	3.91	3.42		mg/Kg	☼	87	66 - 120	4	30
Benzo[a]pyrene	0.039	U	3.91	3.62		mg/Kg	☼	92	69 - 123	0	30
Benzo[b]fluoranthene	0.039	U	3.91	3.62		mg/Kg	☼	92	66 - 125	3	30
Benzo[g,h,i]perylene	0.39	U	3.91	3.04		mg/Kg	☼	78	66 - 138	3	30
Benzo[k]fluoranthene	0.039	U	3.91	3.24		mg/Kg	☼	83	67 - 122	1	30

Method: 8270E - Semivolatile Organic Compounds (GC/MS) (Continued)

Lab Sample ID: 460-336325-A-11-D MSD
Matrix: Solid
Analysis Batch: 1067343

Client Sample ID: Matrix Spike Duplicate
Prep Type: Total/NA
Prep Batch: 1067279

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Bis(2-chloroethoxy)methane	0.39	U	3.91	3.32		mg/Kg	☼	85	62 - 120	7	30
Bis(2-chloroethyl)ether	0.039	U	3.91	3.00		mg/Kg	☼	77	60 - 120	5	30
Bis(2-ethylhexyl) phthalate	0.39	U	3.91	3.63		mg/Kg	☼	93	64 - 125	3	30
Butyl benzyl phthalate	0.39	U	3.91	3.70		mg/Kg	☼	95	62 - 127	2	30
Caprolactam	0.39	U	1.56	9.66	E *	mg/Kg	☼	617	46 - 150	44	30
Carbazole	0.39	U	3.91	3.51		mg/Kg	☼	90	64 - 120	2	30
Chrysene	0.39	U	3.91	3.41		mg/Kg	☼	87	67 - 120	1	30
Dibenz(a,h)anthracene	0.039	U	3.91	3.54		mg/Kg	☼	91	66 - 128	0	30
Dibenzofuran	0.39	U	3.91	4.13		mg/Kg	☼	106	61 - 120	0	30
Diethyl phthalate	0.39	U	3.91	3.37		mg/Kg	☼	86	63 - 120	3	30
Dimethyl phthalate	0.39	U	3.91	3.34		mg/Kg	☼	85	65 - 120	2	30
Di-n-butyl phthalate	0.39	U	3.91	3.88		mg/Kg	☼	99	61 - 120	1	30
Di-n-octyl phthalate	0.39	U	3.91	3.83		mg/Kg	☼	98	61 - 123	0	30
Fluoranthene	0.25	J	3.91	3.67		mg/Kg	☼	88	61 - 120	2	30
Fluorene	3.4		3.91	5.07	*	mg/Kg	☼	44	64 - 120	1	30
Hexachlorobenzene	0.039	U	3.91	3.39		mg/Kg	☼	87	66 - 120	0	30
Hexachlorobutadiene	0.078	U	3.91	3.25		mg/Kg	☼	83	62 - 120	2	30
Hexachlorocyclopentadiene	0.39	U	3.91	0.717	*	mg/Kg	☼	18	32 - 150	21	30
Hexachloroethane	0.039	U	3.91	3.75		mg/Kg	☼	96	61 - 112	18	30
Indeno[1,2,3-cd]pyrene	0.039	U	3.91	2.96		mg/Kg	☼	76	63 - 137	1	30
Isophorone	0.16	U	3.91	4.05		mg/Kg	☼	104	61 - 120	1	30
Naphthalene	3.5		3.91	4.67	*	mg/Kg	☼	31	63 - 113	0	30
Nitrobenzene	0.039	U	3.91	3.26		mg/Kg	☼	83	63 - 120	1	30
N-Nitrosodi-n-propylamine	0.039	U	3.91	4.23		mg/Kg	☼	108	60 - 120	5	30
N-Nitrosodiphenylamine	0.39	U	3.91	5.78	*	mg/Kg	☼	148	63 - 120	29	30
Pentachlorophenol	0.31	U	7.82	7.39		mg/Kg	☼	94	61 - 126	4	30
Phenanthrene	6.0		3.91	6.42	*	mg/Kg	☼	12	66 - 120	2	30
Phenol	0.39	U	3.91	3.07		mg/Kg	☼	78	63 - 120	3	30
Pyrene	1.3		3.91	3.99		mg/Kg	☼	70	61 - 121	3	30

Surrogate	*MSD %Recovery*	*MSD Qualifier*	*Limits*
2,4,6-Tribromophenol (Surr)	*71*		*18 - 137*
2-Fluorobiphenyl	*65*		*33 - 117*
2-Fluorophenol (Surr)	*65*		*24 - 120*
Nitrobenzene-d5 (Surr)	*75*		*27 - 120*
Phenol-d5 (Surr)	*62*		*28 - 118*
Terphenyl-d14 (Surr)	*63*		*33 - 124*

Lab Sample ID: MB 460-1067311/1-A
Matrix: Solid
Analysis Batch: 1067493

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 1067311

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1'-Biphenyl	0.33	U	0.33	0.012	mg/Kg		10/10/25 08:26	10/10/25 21:10	1
1,2,4,5-Tetrachlorobenzene	0.33	U	0.33	0.010	mg/Kg		10/10/25 08:26	10/10/25 21:10	1
1,4-Dioxane	0.033	U	0.033	0.029	mg/Kg		10/10/25 08:26	10/10/25 21:10	1
2,2'-oxybis[1-chloropropane]	0.33	U	0.33	0.020	mg/Kg		10/10/25 08:26	10/10/25 21:10	1
2,3,4,6-Tetrachlorophenol	0.33	U	0.33	0.022	mg/Kg		10/10/25 08:26	10/10/25 21:10	1

Method: 8270E - Semivolatile Organic Compounds (GC/MS) (Continued)

Lab Sample ID: MB 460-1067311/1-A
Matrix: Solid
Analysis Batch: 1067493

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 1067311

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
2,4,5-Trichlorophenol	0.33	U	0.33	0.034	mg/Kg		10/10/25 08:26	10/10/25 21:10	1
2,4,6-Trichlorophenol	0.13	U	0.13	0.042	mg/Kg		10/10/25 08:26	10/10/25 21:10	1
2,4-Dichlorophenol	0.13	U	0.13	0.021	mg/Kg		10/10/25 08:26	10/10/25 21:10	1
2,4-Dimethylphenol	0.33	U	0.33	0.039	mg/Kg		10/10/25 08:26	10/10/25 21:10	1
2,4-Dinitrophenol	0.27	U	0.27	0.16	mg/Kg		10/10/25 08:26	10/10/25 21:10	1
2,4-Dinitrotoluene	0.067	U	0.067	0.036	mg/Kg		10/10/25 08:26	10/10/25 21:10	1
2,6-Dinitrotoluene	0.067	U	0.067	0.024	mg/Kg		10/10/25 08:26	10/10/25 21:10	1
2-Chloronaphthalene	0.33	U	0.33	0.043	mg/Kg		10/10/25 08:26	10/10/25 21:10	1
2-Chlorophenol	0.33	U	0.33	0.012	mg/Kg		10/10/25 08:26	10/10/25 21:10	1
2-Methylnaphthalene	0.33	U	0.33	0.0093	mg/Kg		10/10/25 08:26	10/10/25 21:10	1
2-Methylphenol	0.33	U	0.33	0.012	mg/Kg		10/10/25 08:26	10/10/25 21:10	1
2-Nitroaniline	0.33	U	0.33	0.025	mg/Kg		10/10/25 08:26	10/10/25 21:10	1
2-Nitrophenol	0.33	U	0.33	0.033	mg/Kg		10/10/25 08:26	10/10/25 21:10	1
3 & 4 Methylphenol	0.33	U	0.33	0.021	mg/Kg		10/10/25 08:26	10/10/25 21:10	1
3,3'-Dichlorobenzidine	0.13	U	0.13	0.050	mg/Kg		10/10/25 08:26	10/10/25 21:10	1
3-Nitroaniline	0.33	U	0.33	0.079	mg/Kg		10/10/25 08:26	10/10/25 21:10	1
4,6-Dinitro-2-methylphenol	0.27	U	0.27	0.14	mg/Kg		10/10/25 08:26	10/10/25 21:10	1
4-Bromophenyl phenyl ether	0.33	U	0.33	0.013	mg/Kg		10/10/25 08:26	10/10/25 21:10	1
4-Chloro-3-methylphenol	0.33	U	0.33	0.019	mg/Kg		10/10/25 08:26	10/10/25 21:10	1
4-Chloroaniline	0.33	U	0.33	0.059	mg/Kg		10/10/25 08:26	10/10/25 21:10	1
4-Chlorophenyl phenyl ether	0.33	U	0.33	0.012	mg/Kg		10/10/25 08:26	10/10/25 21:10	1
4-Methylphenol	0.33	U	0.33	0.021	mg/Kg		10/10/25 08:26	10/10/25 21:10	1
4-Nitroaniline	0.33	U	0.33	0.084	mg/Kg		10/10/25 08:26	10/10/25 21:10	1
4-Nitrophenol	0.67	U	0.67	0.054	mg/Kg		10/10/25 08:26	10/10/25 21:10	1
Acenaphthene	0.33	U	0.33	0.0094	mg/Kg		10/10/25 08:26	10/10/25 21:10	1
Acenaphthylene	0.33	U	0.33	0.0095	mg/Kg		10/10/25 08:26	10/10/25 21:10	1
Acetophenone	0.33	U	0.33	0.016	mg/Kg		10/10/25 08:26	10/10/25 21:10	1
Anthracene	0.33	U	0.33	0.010	mg/Kg		10/10/25 08:26	10/10/25 21:10	1
Atrazine	0.13	U	0.13	0.019	mg/Kg		10/10/25 08:26	10/10/25 21:10	1
Benzaldehyde	0.33	U	0.33	0.055	mg/Kg		10/10/25 08:26	10/10/25 21:10	1
Benzo[a]anthracene	0.033	U	0.033	0.025	mg/Kg		10/10/25 08:26	10/10/25 21:10	1
Benzo[a]pyrene	0.033	U	0.033	0.0088	mg/Kg		10/10/25 08:26	10/10/25 21:10	1
Benzo[b]fluoranthene	0.033	U	0.033	0.0086	mg/Kg		10/10/25 08:26	10/10/25 21:10	1
Benzo[g,h,i]perylene	0.33	U	0.33	0.0098	mg/Kg		10/10/25 08:26	10/10/25 21:10	1
Benzo[k]fluoranthene	0.033	U	0.033	0.0065	mg/Kg		10/10/25 08:26	10/10/25 21:10	1
Bis(2-chloroethoxy)methane	0.33	U	0.33	0.061	mg/Kg		10/10/25 08:26	10/10/25 21:10	1
Bis(2-chloroethyl)ether	0.033	U	0.033	0.012	mg/Kg		10/10/25 08:26	10/10/25 21:10	1
Bis(2-ethylhexyl) phthalate	0.33	U	0.33	0.017	mg/Kg		10/10/25 08:26	10/10/25 21:10	1
Butyl benzyl phthalate	0.33	U	0.33	0.016	mg/Kg		10/10/25 08:26	10/10/25 21:10	1
Caprolactam	0.33	U	0.33	0.051	mg/Kg		10/10/25 08:26	10/10/25 21:10	1
Carbazole	0.33	U	0.33	0.013	mg/Kg		10/10/25 08:26	10/10/25 21:10	1
Chrysene	0.33	U	0.33	0.014	mg/Kg		10/10/25 08:26	10/10/25 21:10	1
Dibenz(a,h)anthracene	0.033	U	0.033	0.014	mg/Kg		10/10/25 08:26	10/10/25 21:10	1
Dibenzofuran	0.33	U	0.33	0.011	mg/Kg		10/10/25 08:26	10/10/25 21:10	1
Diethyl phthalate	0.33	U	0.33	0.011	mg/Kg		10/10/25 08:26	10/10/25 21:10	1
Dimethyl phthalate	0.33	U	0.33	0.075	mg/Kg		10/10/25 08:26	10/10/25 21:10	1
Di-n-butyl phthalate	0.33	U	0.33	0.012	mg/Kg		10/10/25 08:26	10/10/25 21:10	1
Di-n-octyl phthalate	0.33	U	0.33	0.018	mg/Kg		10/10/25 08:26	10/10/25 21:10	1
Fluoranthene	0.33	U	0.33	0.012	mg/Kg		10/10/25 08:26	10/10/25 21:10	1

Method: 8270E - Semivolatile Organic Compounds (GC/MS) (Continued)

Lab Sample ID: MB 460-1067311/1-A
Matrix: Solid
Analysis Batch: 1067493

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 1067311

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Fluorene	0.33	U	0.33	0.0097	mg/Kg		10/10/25 08:26	10/10/25 21:10	1
Hexachlorobenzene	0.033	U	0.033	0.016	mg/Kg		10/10/25 08:26	10/10/25 21:10	1
Hexachlorobutadiene	0.067	U	0.067	0.0070	mg/Kg		10/10/25 08:26	10/10/25 21:10	1
Hexachlorocyclopentadiene	0.33	U	0.33	0.029	mg/Kg		10/10/25 08:26	10/10/25 21:10	1
Hexachloroethane	0.033	U	0.033	0.011	mg/Kg		10/10/25 08:26	10/10/25 21:10	1
Indeno[1,2,3-cd]pyrene	0.033	U	0.033	0.013	mg/Kg		10/10/25 08:26	10/10/25 21:10	1
Isophorone	0.13	U	0.13	0.096	mg/Kg		10/10/25 08:26	10/10/25 21:10	1
Naphthalene	0.33	U	0.33	0.0057	mg/Kg		10/10/25 08:26	10/10/25 21:10	1
Nitrobenzene	0.033	U	0.033	0.018	mg/Kg		10/10/25 08:26	10/10/25 21:10	1
N-Nitrosodi-n-propylamine	0.033	U	0.033	0.024	mg/Kg		10/10/25 08:26	10/10/25 21:10	1
N-Nitrosodiphenylamine	0.33	U	0.33	0.027	mg/Kg		10/10/25 08:26	10/10/25 21:10	1
Pentachlorophenol	0.27	U	0.27	0.068	mg/Kg		10/10/25 08:26	10/10/25 21:10	1
Phenanthrene	0.33	U	0.33	0.014	mg/Kg		10/10/25 08:26	10/10/25 21:10	1
Phenol	0.33	U	0.33	0.012	mg/Kg		10/10/25 08:26	10/10/25 21:10	1
Pyrene	0.33	U	0.33	0.0082	mg/Kg		10/10/25 08:26	10/10/25 21:10	1

Surrogate	*MB %Recovery*	*MB Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
2,4,6-Tribromophenol (Surr)	*73*		*18 - 137*	*10/10/25 08:26*	*10/10/25 21:10*	*1*
2-Fluorobiphenyl	*78*		*33 - 117*	*10/10/25 08:26*	*10/10/25 21:10*	*1*
2-Fluorophenol (Surr)	*84*		*24 - 120*	*10/10/25 08:26*	*10/10/25 21:10*	*1*
Nitrobenzene-d5 (Surr)	*88*		*27 - 120*	*10/10/25 08:26*	*10/10/25 21:10*	*1*
Phenol-d5 (Surr)	*87*		*28 - 118*	*10/10/25 08:26*	*10/10/25 21:10*	*1*
Terphenyl-d14 (Surr)	*92*		*33 - 124*	*10/10/25 08:26*	*10/10/25 21:10*	*1*

Lab Sample ID: LCS 460-1067311/2-A
Matrix: Solid
Analysis Batch: 1067493

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 1067311

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
1,1'-Biphenyl	3.33	2.95		mg/Kg		88	64 - 120
1,2,4,5-Tetrachlorobenzene	3.33	2.97		mg/Kg		89	60 - 120
1,4-Dioxane	3.33	2.03		mg/Kg		61	31 - 105
2,2'-oxybis[1-chloropropane]	3.33	3.31		mg/Kg		99	50 - 126
2,3,4,6-Tetrachlorophenol	3.33	2.84		mg/Kg		85	62 - 120
2,4,5-Trichlorophenol	3.33	3.02		mg/Kg		91	64 - 120
2,4,6-Trichlorophenol	3.33	3.04		mg/Kg		91	65 - 120
2,4-Dichlorophenol	3.33	3.23		mg/Kg		97	66 - 120
2,4-Dimethylphenol	3.33	3.16		mg/Kg		95	75 - 136
2,4-Dinitrophenol	6.67	6.67		mg/Kg		100	41 - 120
2,4-Dinitrotoluene	3.33	3.24		mg/Kg		97	65 - 124
2,6-Dinitrotoluene	3.33	3.37		mg/Kg		101	67 - 121
2-Chloronaphthalene	3.33	3.01		mg/Kg		90	64 - 120
2-Chlorophenol	3.33	3.18		mg/Kg		95	63 - 120
2-Methylnaphthalene	3.33	3.12		mg/Kg		94	56 - 102
2-Methylphenol	3.33	3.08		mg/Kg		92	63 - 120
2-Nitroaniline	3.33	2.69		mg/Kg		81	52 - 120
2-Nitrophenol	3.33	3.51		mg/Kg		105	64 - 120
3 & 4 Methylphenol	3.33	3.08		mg/Kg		92	61 - 120

Method: 8270E - Semivolatile Organic Compounds (GC/MS) (Continued)

Lab Sample ID: LCS 460-1067311/2-A
Matrix: Solid
Analysis Batch: 1067493

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 1067311

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
3,3'-Dichlorobenzidine	3.33	1.68		mg/Kg		51	10 - 106
3-Nitroaniline	3.33	2.22		mg/Kg		67	18 - 105
4,6-Dinitro-2-methylphenol	6.67	6.88		mg/Kg		103	61 - 127
4-Bromophenyl phenyl ether	3.33	3.27		mg/Kg		98	64 - 120
4-Chloro-3-methylphenol	3.33	3.10		mg/Kg		93	68 - 120
4-Chloroaniline	3.33	1.53		mg/Kg		46	10 - 107
4-Chlorophenyl phenyl ether	3.33	2.92		mg/Kg		88	62 - 120
4-Methylphenol	3.33	3.08		mg/Kg		92	61 - 120
4-Nitroaniline	3.33	2.46		mg/Kg		74	51 - 112
4-Nitrophenol	6.67	5.23		mg/Kg		78	52 - 122
Acenaphthene	3.33	2.84		mg/Kg		85	65 - 120
Acenaphthylene	3.33	3.00		mg/Kg		90	68 - 120
Acetophenone	3.33	2.95		mg/Kg		89	61 - 111
Anthracene	3.33	3.11		mg/Kg		93	67 - 120
Atrazine	1.33	1.97		mg/Kg		148	52 - 150
Benzaldehyde	1.33	1.56		mg/Kg		117	45 - 150
Benzo[a]anthracene	3.33	3.11		mg/Kg		93	66 - 120
Benzo[a]pyrene	3.33	3.13		mg/Kg		94	69 - 123
Benzo[b]fluoranthene	3.33	3.13		mg/Kg		94	66 - 125
Benzo[g,h,i]perylene	3.33	3.19		mg/Kg		96	66 - 138
Benzo[k]fluoranthene	3.33	3.05		mg/Kg		91	67 - 122
Bis(2-chloroethoxy)methane	3.33	3.18		mg/Kg		95	62 - 120
Bis(2-chloroethyl)ether	3.33	3.15		mg/Kg		95	60 - 120
Bis(2-ethylhexyl) phthalate	3.33	3.44		mg/Kg		103	64 - 125
Butyl benzyl phthalate	3.33	3.78		mg/Kg		113	62 - 127
Caprolactam	1.33	1.94		mg/Kg		146	46 - 150
Carbazole	3.33	3.05		mg/Kg		92	64 - 120
Chrysene	3.33	3.16		mg/Kg		95	67 - 120
Dibenz(a,h)anthracene	3.33	3.38		mg/Kg		102	66 - 128
Dibenzofuran	3.33	2.90		mg/Kg		87	61 - 120
Diethyl phthalate	3.33	2.82		mg/Kg		85	63 - 120
Dimethyl phthalate	3.33	2.94		mg/Kg		88	65 - 120
Di-n-butyl phthalate	3.33	3.36		mg/Kg		101	61 - 120
Di-n-octyl phthalate	3.33	3.61		mg/Kg		108	61 - 123
Fluoranthene	3.33	2.90		mg/Kg		87	61 - 120
Fluorene	3.33	2.83		mg/Kg		85	64 - 120
Hexachlorobenzene	3.33	3.18		mg/Kg		96	66 - 120
Hexachlorobutadiene	3.33	3.01		mg/Kg		90	62 - 120
Hexachlorocyclopentadiene	3.33	2.90		mg/Kg		87	32 - 150
Hexachloroethane	3.33	2.99		mg/Kg		90	61 - 112
Indeno[1,2,3-cd]pyrene	3.33	3.44		mg/Kg		103	63 - 137
Isophorone	3.33	3.17		mg/Kg		95	61 - 120
Naphthalene	3.33	3.01		mg/Kg		90	63 - 113
Nitrobenzene	3.33	3.04		mg/Kg		91	63 - 120
N-Nitrosodi-n-propylamine	3.33	3.10		mg/Kg		93	60 - 120
N-Nitrosodiphenylamine	3.33	3.30		mg/Kg		99	63 - 120
Pentachlorophenol	6.67	5.83		mg/Kg		87	61 - 126
Phenanthrene	3.33	3.12		mg/Kg		94	66 - 120
Phenol	3.33	3.39		mg/Kg		102	63 - 120

Method: 8270E - Semivolatile Organic Compounds (GC/MS) (Continued)

Lab Sample ID: LCS 460-1067311/2-A
Matrix: Solid
Analysis Batch: 1067493

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 1067311

Analyte			Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits		
Pyrene			3.33	3.41		mg/Kg		102	61 - 121		

Surrogate	*LCS %Recovery*	*LCS Qualifier*	*Limits*
2,4,6-Tribromophenol (Surr)	*75*		*18 - 137*
2-Fluorobiphenyl	*80*		*33 - 117*
2-Fluorophenol (Surr)	*83*		*24 - 120*
Nitrobenzene-d5 (Surr)	*86*		*27 - 120*
Phenol-d5 (Surr)	*82*		*28 - 118*
Terphenyl-d14 (Surr)	*88*		*33 - 124*

Lab Sample ID: LCSD 460-1067311/3-A
Matrix: Solid
Analysis Batch: 1067493

Client Sample ID: Lab Control Sample Dup
Prep Type: Total/NA
Prep Batch: 1067311

Analyte			Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
1,1'-Biphenyl			3.33	3.00		mg/Kg		90	64 - 120	2	30
1,2,4,5-Tetrachlorobenzene			3.33	2.97		mg/Kg		89	60 - 120	0	30
1,4-Dioxane			3.33	2.00		mg/Kg		60	31 - 105	1	30
2,2'-oxybis[1-chloropropane]			3.33	3.31		mg/Kg		99	50 - 126	0	30
2,3,4,6-Tetrachlorophenol			3.33	2.86		mg/Kg		86	62 - 120	1	30
2,4,5-Trichlorophenol			3.33	3.06		mg/Kg		92	64 - 120	1	30
2,4,6-Trichlorophenol			3.33	3.02		mg/Kg		91	65 - 120	0	30
2,4-Dichlorophenol			3.33	3.22		mg/Kg		97	66 - 120	0	30
2,4-Dimethylphenol			3.33	3.19		mg/Kg		96	75 - 136	1	30
2,4-Dinitrophenol			6.67	6.77		mg/Kg		102	41 - 120	2	30
2,4-Dinitrotoluene			3.33	3.27		mg/Kg		98	65 - 124	1	30
2,6-Dinitrotoluene			3.33	3.38		mg/Kg		101	67 - 121	0	30
2-Chloronaphthalene			3.33	2.98		mg/Kg		89	64 - 120	1	30
2-Chlorophenol			3.33	3.20		mg/Kg		96	63 - 120	1	30
2-Methylnaphthalene			3.33	3.11		mg/Kg		93	56 - 102	0	30
2-Methylphenol			3.33	3.11		mg/Kg		93	63 - 120	1	30
2-Nitroaniline			3.33	2.72		mg/Kg		82	52 - 120	1	30
2-Nitrophenol			3.33	3.52		mg/Kg		105	64 - 120	0	30
3 & 4 Methylphenol			3.33	3.17		mg/Kg		95	61 - 120	3	30
3,3'-Dichlorobenzidine			3.33	1.70		mg/Kg		51	10 - 106	1	30
3-Nitroaniline			3.33	2.24		mg/Kg		67	18 - 105	1	30
4,6-Dinitro-2-methylphenol			6.67	6.90		mg/Kg		103	61 - 127	0	30
4-Bromophenyl phenyl ether			3.33	3.29		mg/Kg		99	64 - 120	0	30
4-Chloro-3-methylphenol			3.33	3.09		mg/Kg		93	68 - 120	0	30
4-Chloroaniline			3.33	1.56		mg/Kg		47	10 - 107	2	30
4-Chlorophenyl phenyl ether			3.33	2.91		mg/Kg		87	62 - 120	0	30
4-Methylphenol			3.33	3.17		mg/Kg		95	61 - 120	3	30
4-Nitroaniline			3.33	2.48		mg/Kg		74	51 - 112	1	30
4-Nitrophenol			6.67	5.33		mg/Kg		80	52 - 122	2	30
Acenaphthene			3.33	2.84		mg/Kg		85	65 - 120	0	30
Acenaphthylene			3.33	3.02		mg/Kg		91	68 - 120	1	30
Acetophenone			3.33	3.00		mg/Kg		90	61 - 111	2	30
Anthracene			3.33	3.13		mg/Kg		94	67 - 120	1	30

Method: 8270E - Semivolatile Organic Compounds (GC/MS) (Continued)

Lab Sample ID: LCSD 460-1067311/3-A
Matrix: Solid
Analysis Batch: 1067493

Client Sample ID: Lab Control Sample Dup
Prep Type: Total/NA
Prep Batch: 1067311

Analyte			Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Atrazine			1.33	1.99		mg/Kg		149	52 - 150	1	30
Benzaldehyde			1.33	1.59		mg/Kg		119	45 - 150	2	30
Benzo[a]anthracene			3.33	3.13		mg/Kg		94	66 - 120	1	30
Benzo[a]pyrene			3.33	3.11		mg/Kg		93	69 - 123	0	30
Benzo[b]fluoranthene			3.33	3.12		mg/Kg		94	66 - 125	0	30
Benzo[g,h,i]perylene			3.33	3.11		mg/Kg		93	66 - 138	2	30
Benzo[k]fluoranthene			3.33	3.05		mg/Kg		92	67 - 122	0	30
Bis(2-chloroethoxy)methane			3.33	3.20		mg/Kg		96	62 - 120	1	30
Bis(2-chloroethyl)ether			3.33	3.19		mg/Kg		96	60 - 120	1	30
Bis(2-ethylhexyl) phthalate			3.33	3.49		mg/Kg		105	64 - 125	1	30
Butyl benzyl phthalate			3.33	3.82		mg/Kg		115	62 - 127	1	30
Caprolactam			1.33	1.98		mg/Kg		148	46 - 150	2	30
Carbazole			3.33	3.08		mg/Kg		92	64 - 120	1	30
Chrysene			3.33	3.15		mg/Kg		94	67 - 120	0	30
Dibenz(a,h)anthracene			3.33	3.36		mg/Kg		101	66 - 128	1	30
Dibenzofuran			3.33	2.89		mg/Kg		87	61 - 120	0	30
Diethyl phthalate			3.33	2.85		mg/Kg		86	63 - 120	1	30
Dimethyl phthalate			3.33	2.92		mg/Kg		88	65 - 120	1	30
Di-n-butyl phthalate			3.33	3.41		mg/Kg		102	61 - 120	1	30
Di-n-octyl phthalate			3.33	3.61		mg/Kg		108	61 - 123	0	30
Fluoranthene			3.33	2.93		mg/Kg		88	61 - 120	1	30
Fluorene			3.33	2.85		mg/Kg		86	64 - 120	1	30
Hexachlorobenzene			3.33	3.22		mg/Kg		97	66 - 120	1	30
Hexachlorobutadiene			3.33	3.02		mg/Kg		91	62 - 120	0	30
Hexachlorocyclopentadiene			3.33	2.90		mg/Kg		87	32 - 150	0	30
Hexachloroethane			3.33	3.07		mg/Kg		92	61 - 112	2	30
Indeno[1,2,3-cd]pyrene			3.33	3.36		mg/Kg		101	63 - 137	2	30
Isophorone			3.33	3.20		mg/Kg		96	61 - 120	1	30
Naphthalene			3.33	3.03		mg/Kg		91	63 - 113	1	30
Nitrobenzene			3.33	3.12		mg/Kg		94	63 - 120	3	30
N-Nitrosodi-n-propylamine			3.33	3.13		mg/Kg		94	60 - 120	1	30
N-Nitrosodiphenylamine			3.33	3.30		mg/Kg		99	63 - 120	0	30
Pentachlorophenol			6.67	6.00		mg/Kg		90	61 - 126	3	30
Phenanthrene			3.33	3.12		mg/Kg		94	66 - 120	0	30
Phenol			3.33	3.41		mg/Kg		102	63 - 120	1	30
Pyrene			3.33	3.43		mg/Kg		103	61 - 121	1	30

Surrogate	*LCSD %Recovery*	*LCSD Qualifier*	*Limits*
2,4,6-Tribromophenol (Surr)	*77*		*18 - 137*
2-Fluorobiphenyl	*80*		*33 - 117*
2-Fluorophenol (Surr)	*83*		*24 - 120*
Nitrobenzene-d5 (Surr)	*86*		*27 - 120*
Phenol-d5 (Surr)	*85*		*28 - 118*
Terphenyl-d14 (Surr)	*89*		*33 - 124*

Method: 8270E - Semivolatile Organic Compounds (GC/MS) (Continued)

Lab Sample ID: 460-336854-E-4-A MS
Matrix: Solid
Analysis Batch: 1067493

Client Sample ID: Matrix Spike
Prep Type: Total/NA
Prep Batch: 1067311

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec Limits
1,1'-Biphenyl	0.032	J	3.84	1.88	*	mg/Kg	☼	48	64 - 120
1,2,4,5-Tetrachlorobenzene	0.38	U	3.84	1.78	*	mg/Kg	☼	46	60 - 120
1,4-Dioxane	0.038	U	3.84	1.22		mg/Kg	☼	32	31 - 105
2,2'-oxybis[1-chloropropane]	0.38	U	3.84	1.94		mg/Kg	☼	50	50 - 126
2,3,4,6-Tetrachlorophenol	0.38	U	3.84	1.61	*	mg/Kg	☼	42	62 - 120
2,4,5-Trichlorophenol	0.38	U	3.84	1.81	*	mg/Kg	☼	47	64 - 120
2,4,6-Trichlorophenol	0.15	U	3.84	1.76	*	mg/Kg	☼	46	65 - 120
2,4-Dichlorophenol	0.15	U	3.84	1.88	*	mg/Kg	☼	49	66 - 120
2,4-Dimethylphenol	0.38	U	3.84	1.89	*	mg/Kg	☼	49	75 - 136
2,4-Dinitrophenol	0.31	U	7.68	1.19	*	mg/Kg	☼	15	41 - 120
2,4-Dinitrotoluene	0.077	U	3.84	2.01	*	mg/Kg	☼	52	65 - 124
2,6-Dinitrotoluene	0.077	U	3.84	2.08	*	mg/Kg	☼	54	67 - 121
2-Chloronaphthalene	0.38	U	3.84	1.84	*	mg/Kg	☼	48	64 - 120
2-Chlorophenol	0.38	U	3.84	1.88	*	mg/Kg	☼	49	63 - 120
2-Methylnaphthalene	0.17	J	3.84	2.16	*	mg/Kg	☼	52	56 - 102
2-Methylphenol	0.38	U	3.84	1.84	*	mg/Kg	☼	48	63 - 120
2-Nitroaniline	0.38	U	3.84	1.60	*	mg/Kg	☼	42	52 - 120
2-Nitrophenol	0.38	U	3.84	2.07	*	mg/Kg	☼	54	64 - 120
3 & 4 Methylphenol	0.38	U	3.84	1.87	*	mg/Kg	☼	49	61 - 120
3,3'-Dichlorobenzidine	0.15	U	3.84	1.23		mg/Kg	☼	32	10 - 106
3-Nitroaniline	0.38	U	3.84	1.72		mg/Kg	☼	45	18 - 105
4,6-Dinitro-2-methylphenol	0.31	U	7.68	2.00	*	mg/Kg	☼	26	61 - 127
4-Bromophenyl phenyl ether	0.38	U	3.84	1.92	*	mg/Kg	☼	50	64 - 120
4-Chloro-3-methylphenol	0.38	U	3.84	1.79	*	mg/Kg	☼	47	68 - 120
4-Chloroaniline	0.38	U	3.84	1.52		mg/Kg	☼	40	10 - 107
4-Chlorophenyl phenyl ether	0.38	U	3.84	1.76	*	mg/Kg	☼	46	62 - 120
4-Methylphenol	0.38	U	3.84	1.87	*	mg/Kg	☼	49	61 - 120
4-Nitroaniline	0.38	U	3.84	1.62	*	mg/Kg	☼	42	51 - 112
4-Nitrophenol	0.77	U	7.68	3.08	*	mg/Kg	☼	40	52 - 122
Acenaphthene	0.24	J	3.84	2.06	*	mg/Kg	☼	47	65 - 120
Acenaphthylene	0.17	J	3.84	2.04	*	mg/Kg	☼	49	68 - 120
Acetophenone	0.38	U	3.84	1.80	*	mg/Kg	☼	47	61 - 111
Anthracene	0.91		3.84	2.60	*	mg/Kg	☼	44	67 - 120
Atrazine	0.15	U	1.54	1.24		mg/Kg	☼	81	52 - 150
Benzaldehyde	0.38	U	1.54	1.04		mg/Kg	☼	67	45 - 150
Benzo[a]anthracene	3.5		3.84	5.06	*	mg/Kg	☼	40	66 - 120
Benzo[a]pyrene	3.2		3.84	4.97	*	mg/Kg	☼	46	69 - 123
Benzo[b]fluoranthene	4.3		3.84	6.72	*	mg/Kg	☼	64	66 - 125
Benzo[g,h,i]perylene	1.7		3.84	2.30	*	mg/Kg	☼	16	66 - 138
Benzo[k]fluoranthene	1.4		3.84	3.68	*	mg/Kg	☼	58	67 - 122
Bis(2-chloroethoxy)methane	0.38	U	3.84	1.90	*	mg/Kg	☼	49	62 - 120
Bis(2-chloroethyl)ether	0.038	U	3.84	1.79	*	mg/Kg	☼	47	60 - 120
Bis(2-ethylhexyl) phthalate	0.38	U	3.84	2.00	*	mg/Kg	☼	52	64 - 125
Butyl benzyl phthalate	0.38	U	3.84	2.10	*	mg/Kg	☼	55	62 - 127
Caprolactam	0.38	U	1.54	1.12		mg/Kg	☼	73	46 - 150
Carbazole	0.32	J	3.84	2.31	*	mg/Kg	☼	52	64 - 120
Chrysene	3.5		3.84	5.11	*	mg/Kg	☼	41	67 - 120
Dibenz(a,h)anthracene	0.50		3.84	1.62	*	mg/Kg	☼	29	66 - 128

Method: 8270E - Semivolatile Organic Compounds (GC/MS) (Continued)

Lab Sample ID: 460-336854-E-4-A MS
Matrix: Solid
Analysis Batch: 1067493

Client Sample ID: Matrix Spike
Prep Type: Total/NA
Prep Batch: 1067311

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec Limits
Dibenzofuran	0.17	J	3.84	1.98	*	mg/Kg	☼	47	61 - 120
Diethyl phthalate	0.38	U	3.84	1.74	*	mg/Kg	☼	45	63 - 120
Dimethyl phthalate	0.38	U	3.84	1.81	*	mg/Kg	☼	47	65 - 120
Di-n-butyl phthalate	0.066	J	3.84	2.16	*	mg/Kg	☼	54	61 - 120
Di-n-octyl phthalate	0.38	U	3.84	2.58		mg/Kg	☼	67	61 - 123
Fluoranthene	6.4		3.84	7.85	*	mg/Kg	☼	38	61 - 120
Fluorene	0.25	J	3.84	2.00	*	mg/Kg	☼	46	64 - 120
Hexachlorobenzene	0.038	U	3.84	1.79	*	mg/Kg	☼	47	66 - 120
Hexachlorobutadiene	0.077	U	3.84	1.80	*	mg/Kg	☼	47	62 - 120
Hexachlorocyclopentadiene	0.38	U	3.84	0.374	J *	mg/Kg	☼	10	32 - 150
Hexachloroethane	0.038	U	3.84	1.68	*	mg/Kg	☼	44	61 - 112
Indeno[1,2,3-cd]pyrene	1.9		3.84	2.63	*	mg/Kg	☼	19	63 - 137
Isophorone	0.15	U	3.84	1.91	*	mg/Kg	☼	50	61 - 120
Naphthalene	0.20	J	3.84	2.15	*	mg/Kg	☼	51	63 - 113
Nitrobenzene	0.038	U	3.84	1.84	*	mg/Kg	☼	48	63 - 120
N-Nitrosodi-n-propylamine	0.038	U	3.84	1.88	*	mg/Kg	☼	49	60 - 120
N-Nitrosodiphenylamine	0.38	U	3.84	1.92	*	mg/Kg	☼	50	63 - 120
Pentachlorophenol	0.31	U	7.68	2.83	*	mg/Kg	☼	37	61 - 126
Phenanthrene	3.8		3.84	5.51	*	mg/Kg	☼	44	66 - 120
Phenol	0.38	U	3.84	1.97	*	mg/Kg	☼	51	63 - 120
Pyrene	5.5		3.84	6.74	*	mg/Kg	☼	32	61 - 121

Surrogate	*MS %Recovery*	*MS Qualifier*	*Limits*
2,4,6-Tribromophenol (Surr)	*39*		*18 - 137*
2-Fluorobiphenyl	*43*		*33 - 117*
2-Fluorophenol (Surr)	*42*		*24 - 120*
Nitrobenzene-d5 (Surr)	*45*		*27 - 120*
Phenol-d5 (Surr)	*44*		*28 - 118*
Terphenyl-d14 (Surr)	*40*		*33 - 124*

Lab Sample ID: 460-336854-E-4-B MSD
Matrix: Solid
Analysis Batch: 1067493

Client Sample ID: Matrix Spike Duplicate
Prep Type: Total/NA
Prep Batch: 1067311

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
1,1'-Biphenyl	0.032	J	3.85	2.76	*	mg/Kg	☼	71	64 - 120	38	30
1,2,4,5-Tetrachlorobenzene	0.38	U	3.85	2.66	*	mg/Kg	☼	69	60 - 120	39	30
1,4-Dioxane	0.038	U	3.85	1.83	*	mg/Kg	☼	48	31 - 105	40	30
2,2'-oxybis[1-chloropropane]	0.38	U	3.85	2.86	*	mg/Kg	☼	74	50 - 126	39	30
2,3,4,6-Tetrachlorophenol	0.38	U	3.85	2.50	*	mg/Kg	☼	65	62 - 120	43	30
2,4,5-Trichlorophenol	0.38	U	3.85	2.72	*	mg/Kg	☼	71	64 - 120	40	30
2,4,6-Trichlorophenol	0.15	U	3.85	2.71	*	mg/Kg	☼	70	65 - 120	42	30
2,4-Dichlorophenol	0.15	U	3.85	2.88	*	mg/Kg	☼	75	66 - 120	42	30
2,4-Dimethylphenol	0.38	U	3.85	2.83	*	mg/Kg	☼	74	75 - 136	40	30
2,4-Dinitrophenol	0.31	U	7.70	0.969	*	mg/Kg	☼	13	41 - 120	20	30
2,4-Dinitrotoluene	0.077	U	3.85	2.99	*	mg/Kg	☼	78	65 - 124	39	30
2,6-Dinitrotoluene	0.077	U	3.85	3.08	*	mg/Kg	☼	80	67 - 121	39	30
2-Chloronaphthalene	0.38	U	3.85	2.75	*	mg/Kg	☼	71	64 - 120	40	30

Method: 8270E - Semivolatile Organic Compounds (GC/MS) (Continued)

Lab Sample ID: 460-336854-E-4-B MSD
Matrix: Solid
Analysis Batch: 1067493

Client Sample ID: Matrix Spike Duplicate
Prep Type: Total/NA
Prep Batch: 1067311

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
2-Chlorophenol	0.38	U	3.85	2.75	*	mg/Kg	☼	71	63 - 120	38	30
2-Methylnaphthalene	0.17	J	3.85	3.04	*	mg/Kg	☼	75	56 - 102	34	30
2-Methylphenol	0.38	U	3.85	2.75	*	mg/Kg	☼	71	63 - 120	39	30
2-Nitroaniline	0.38	U	3.85	2.45	*	mg/Kg	☼	64	52 - 120	42	30
2-Nitrophenol	0.38	U	3.85	3.05	*	mg/Kg	☼	79	64 - 120	38	30
3 & 4 Methylphenol	0.38	U	3.85	2.82	*	mg/Kg	☼	73	61 - 120	40	30
3,3'-Dichlorobenzidine	0.15	U	3.85	1.83	*	mg/Kg	☼	48	10 - 106	39	30
3-Nitroaniline	0.38	U	3.85	2.57	*	mg/Kg	☼	67	18 - 105	39	30
4,6-Dinitro-2-methylphenol	0.31	U	7.70	2.03	*	mg/Kg	☼	26	61 - 127	1	30
4-Bromophenyl phenyl ether	0.38	U	3.85	2.87	*	mg/Kg	☼	75	64 - 120	39	30
4-Chloro-3-methylphenol	0.38	U	3.85	2.82	*	mg/Kg	☼	73	68 - 120	45	30
4-Chloroaniline	0.38	U	3.85	2.18	*	mg/Kg	☼	57	10 - 107	36	30
4-Chlorophenyl phenyl ether	0.38	U	3.85	2.69	*	mg/Kg	☼	70	62 - 120	42	30
4-Methylphenol	0.38	U	3.85	2.82	*	mg/Kg	☼	73	61 - 120	40	30
4-Nitroaniline	0.38	U	3.85	2.25	*	mg/Kg	☼	58	51 - 112	33	30
4-Nitrophenol	0.77	U	7.70	4.67	*	mg/Kg	☼	61	52 - 122	41	30
Acenaphthene	0.24	J	3.85	3.01	*	mg/Kg	☼	72	65 - 120	38	30
Acenaphthylene	0.17	J	3.85	3.09	*	mg/Kg	☼	76	68 - 120	41	30
Acetophenone	0.38	U	3.85	2.65	*	mg/Kg	☼	69	61 - 111	38	30
Anthracene	0.91		3.85	3.84	*	mg/Kg	☼	76	67 - 120	39	30
Atrazine	0.15	U	1.54	2.03	*	mg/Kg	☼	132	52 - 150	48	30
Benzaldehyde	0.38	U	1.54	1.62	E *	mg/Kg	☼	105	45 - 150	44	30
Benzo[a]anthracene	3.5		3.85	6.82		mg/Kg	☼	85	66 - 120	30	30
Benzo[a]pyrene	3.2		3.85	6.89	*	mg/Kg	☼	96	69 - 123	32	30
Benzo[b]fluoranthene	4.3		3.85	9.24	E *	mg/Kg	☼	129	66 - 125	32	30
Benzo[g,h,i]perylene	1.7		3.85	3.38	*	mg/Kg	☼	44	66 - 138	38	30
Benzo[k]fluoranthene	1.4		3.85	5.65	*	mg/Kg	☼	109	67 - 122	42	30
Bis(2-chloroethoxy)methane	0.38	U	3.85	2.81	*	mg/Kg	☼	73	62 - 120	39	30
Bis(2-chloroethyl)ether	0.038	U	3.85	2.71	*	mg/Kg	☼	70	60 - 120	41	30
Bis(2-ethylhexyl) phthalate	0.38	U	3.85	3.07	*	mg/Kg	☼	80	64 - 125	42	30
Butyl benzyl phthalate	0.38	U	3.85	3.25	*	mg/Kg	☼	84	62 - 127	43	30
Caprolactam	0.38	U	1.54	1.92	*	mg/Kg	☼	125	46 - 150	53	30
Carbazole	0.32	J	3.85	3.40	*	mg/Kg	☼	80	64 - 120	38	30
Chrysene	3.5		3.85	7.13	*	mg/Kg	☼	94	67 - 120	33	30
Dibenz(a,h)anthracene	0.50		3.85	2.38	*	mg/Kg	☼	49	66 - 128	38	30
Dibenzofuran	0.17	J	3.85	2.90	*	mg/Kg	☼	71	61 - 120	38	30
Diethyl phthalate	0.38	U	3.85	2.64	*	mg/Kg	☼	68	63 - 120	41	30
Dimethyl phthalate	0.38	U	3.85	2.77	*	mg/Kg	☼	72	65 - 120	42	30
Di-n-butyl phthalate	0.066	J	3.85	3.21	*	mg/Kg	☼	82	61 - 120	39	30
Di-n-octyl phthalate	0.38	U	3.85	4.50	*	mg/Kg	☼	117	61 - 123	54	30
Fluoranthene	6.4		3.85	10.7	E *	mg/Kg	☼	112	61 - 120	31	30
Fluorene	0.25	J	3.85	3.01	*	mg/Kg	☼	72	64 - 120	40	30
Hexachlorobenzene	0.038	U	3.85	2.74	*	mg/Kg	☼	71	66 - 120	42	30
Hexachlorobutadiene	0.077	U	3.85	2.67	*	mg/Kg	☼	69	62 - 120	39	30
Hexachlorocyclopentadiene	0.38	U	3.85	0.442	*	mg/Kg	☼	11	32 - 150	17	30
Hexachloroethane	0.038	U	3.85	2.48	*	mg/Kg	☼	65	61 - 112	39	30
Indeno[1,2,3-cd]pyrene	1.9		3.85	3.57	*	mg/Kg	☼	43	63 - 137	30	30
Isophorone	0.15	U	3.85	2.84	*	mg/Kg	☼	74	61 - 120	39	30
Naphthalene	0.20	J	3.85	3.00	*	mg/Kg	☼	73	63 - 113	33	30

Method: 8270E - Semivolatile Organic Compounds (GC/MS) (Continued)

Lab Sample ID: 460-336854-E-4-B MSD
Matrix: Solid
Analysis Batch: 1067493

Client Sample ID: Matrix Spike Duplicate
Prep Type: Total/NA
Prep Batch: 1067311

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Nitrobenzene	0.038	U	3.85	2.71	*	mg/Kg	☼	70	63 - 120	38	30
N-Nitrosodi-n-propylamine	0.038	U	3.85	2.73	*	mg/Kg	☼	71	60 - 120	37	30
N-Nitrosodiphenylamine	0.38	U	3.85	2.90	*	mg/Kg	☼	75	63 - 120	41	30
Pentachlorophenol	0.31	U	7.70	4.33	*	mg/Kg	☼	56	61 - 126	42	30
Phenanthrene	3.8		3.85	7.37		mg/Kg	☼	92	66 - 120	29	30
Phenol	0.38	U	3.85	2.89	*	mg/Kg	☼	75	63 - 120	38	30
Pyrene	5.5		3.85	9.29	E *	mg/Kg	☼	98	61 - 121	32	30

Surrogate	*MSD %Recovery*	*MSD Qualifier*	*Limits*
2,4,6-Tribromophenol (Surr)	*60*		*18 - 137*
2-Fluorobiphenyl	*64*		*33 - 117*
2-Fluorophenol (Surr)	*60*		*24 - 120*
Nitrobenzene-d5 (Surr)	*66*		*27 - 120*
Phenol-d5 (Surr)	*64*		*28 - 118*
Terphenyl-d14 (Surr)	*63*		*33 - 124*

Method: 8081B - Organochlorine Pesticides (GC)

Lab Sample ID: MB 460-1067152/1-A
Matrix: Solid
Analysis Batch: 1067332

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 1067152

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
4,4'-DDD	0.0067	U	0.0067	0.0011	mg/Kg		10/09/25 17:52	10/10/25 14:33	1
4,4'-DDD	0.0067	U	0.0067	0.0011	mg/Kg		10/09/25 17:52	10/10/25 14:33	1
4,4'-DDE	0.0067	U	0.0067	0.00079	mg/Kg		10/09/25 17:52	10/10/25 14:33	1
4,4'-DDE	0.0067	U	0.0067	0.00079	mg/Kg		10/09/25 17:52	10/10/25 14:33	1
4,4'-DDT	0.0067	U	0.0067	0.0012	mg/Kg		10/09/25 17:52	10/10/25 14:33	1
4,4'-DDT	0.0067	U	0.0067	0.0012	mg/Kg		10/09/25 17:52	10/10/25 14:33	1
Aldrin	0.0067	U	0.0067	0.0010	mg/Kg		10/09/25 17:52	10/10/25 14:33	1
Aldrin	0.0067	U	0.0067	0.0010	mg/Kg		10/09/25 17:52	10/10/25 14:33	1
alpha-BHC	0.0020	U	0.0020	0.00068	mg/Kg		10/09/25 17:52	10/10/25 14:33	1
alpha-BHC	0.0020	U	0.0020	0.00068	mg/Kg		10/09/25 17:52	10/10/25 14:33	1
beta-BHC	0.0020	U	0.0020	0.00075	mg/Kg		10/09/25 17:52	10/10/25 14:33	1
beta-BHC	0.0020	U	0.0020	0.00075	mg/Kg		10/09/25 17:52	10/10/25 14:33	1
Chlordane (technical)	0.067	U	0.067	0.016	mg/Kg		10/09/25 17:52	10/10/25 14:33	1
Chlordane (technical)	0.067	U	0.067	0.016	mg/Kg		10/09/25 17:52	10/10/25 14:33	1
cis-Chlordane	0.0067	U	0.0067	0.0011	mg/Kg		10/09/25 17:52	10/10/25 14:33	1
cis-Chlordane	0.0067	U	0.0067	0.0011	mg/Kg		10/09/25 17:52	10/10/25 14:33	1
delta-BHC	0.0020	U	0.0020	0.00041	mg/Kg		10/09/25 17:52	10/10/25 14:33	1
delta-BHC	0.0020	U	0.0020	0.00041	mg/Kg		10/09/25 17:52	10/10/25 14:33	1
Dieldrin	0.0020	U	0.0020	0.00087	mg/Kg		10/09/25 17:52	10/10/25 14:33	1
Dieldrin	0.0020	U	0.0020	0.00087	mg/Kg		10/09/25 17:52	10/10/25 14:33	1
Endosulfan I	0.0067	U	0.0067	0.0010	mg/Kg		10/09/25 17:52	10/10/25 14:33	1
Endosulfan I	0.0067	U	0.0067	0.0010	mg/Kg		10/09/25 17:52	10/10/25 14:33	1
Endosulfan II	0.0067	U	0.0067	0.0017	mg/Kg		10/09/25 17:52	10/10/25 14:33	1
Endosulfan II	0.0067	U	0.0067	0.0017	mg/Kg		10/09/25 17:52	10/10/25 14:33	1
Endosulfan sulfate	0.0067	U	0.0067	0.00084	mg/Kg		10/09/25 17:52	10/10/25 14:33	1
Endosulfan sulfate	0.0067	U	0.0067	0.00084	mg/Kg		10/09/25 17:52	10/10/25 14:33	1

Method: 8081B - Organochlorine Pesticides (GC) (Continued)

Lab Sample ID: MB 460-1067152/1-A
Matrix: Solid
Analysis Batch: 1067332

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 1067152

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Endrin	0.0067	U	0.0067	0.00096	mg/Kg		10/09/25 17:52	10/10/25 14:33	1
Endrin	0.0067	U	0.0067	0.00096	mg/Kg		10/09/25 17:52	10/10/25 14:33	1
Endrin aldehyde	0.0067	U	0.0067	0.0016	mg/Kg		10/09/25 17:52	10/10/25 14:33	1
Endrin aldehyde	0.0067	U	0.0067	0.0016	mg/Kg		10/09/25 17:52	10/10/25 14:33	1
Endrin ketone	0.0067	U	0.0067	0.0013	mg/Kg		10/09/25 17:52	10/10/25 14:33	1
Endrin ketone	0.0067	U	0.0067	0.0013	mg/Kg		10/09/25 17:52	10/10/25 14:33	1
gamma-BHC (Lindane)	0.0020	U	0.0020	0.00062	mg/Kg		10/09/25 17:52	10/10/25 14:33	1
gamma-BHC (Lindane)	0.0020	U	0.0020	0.00062	mg/Kg		10/09/25 17:52	10/10/25 14:33	1
Heptachlor	0.0067	U	0.0067	0.00079	mg/Kg		10/09/25 17:52	10/10/25 14:33	1
Heptachlor	0.0067	U	0.0067	0.00079	mg/Kg		10/09/25 17:52	10/10/25 14:33	1
Heptachlor epoxide	0.0067	U	0.0067	0.0010	mg/Kg		10/09/25 17:52	10/10/25 14:33	1
Heptachlor epoxide	0.0067	U	0.0067	0.0010	mg/Kg		10/09/25 17:52	10/10/25 14:33	1
Methoxychlor	0.0067	U	0.0067	0.0015	mg/Kg		10/09/25 17:52	10/10/25 14:33	1
Methoxychlor	0.0067	U	0.0067	0.0015	mg/Kg		10/09/25 17:52	10/10/25 14:33	1
Toxaphene	0.067	U	0.067	0.024	mg/Kg		10/09/25 17:52	10/10/25 14:33	1
Toxaphene	0.067	U	0.067	0.024	mg/Kg		10/09/25 17:52	10/10/25 14:33	1

Surrogate	*MB %Recovery*	*MB Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
DCB Decachlorobiphenyl	*112*		*10 - 150*	*10/09/25 17:52*	*10/10/25 14:33*	*1*
DCB Decachlorobiphenyl	*115*		*10 - 150*	*10/09/25 17:52*	*10/10/25 14:33*	*1*
Tetrachloro-m-xylene	*114*		*14 - 150*	*10/09/25 17:52*	*10/10/25 14:33*	*1*
Tetrachloro-m-xylene	*96*		*14 - 150*	*10/09/25 17:52*	*10/10/25 14:33*	*1*

Lab Sample ID: LCS 460-1067152/2-A
Matrix: Solid
Analysis Batch: 1067332

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 1067152

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
4,4'-DDD	0.133	0.149		mg/Kg		112	71 - 134
4,4'-DDD	0.133	0.145		mg/Kg		109	71 - 134
4,4'-DDE	0.133	0.147		mg/Kg		110	71 - 137
4,4'-DDE	0.133	0.128		mg/Kg		96	71 - 137
4,4'-DDT	0.133	0.110		mg/Kg		82	69 - 140
4,4'-DDT	0.133	0.113		mg/Kg		85	69 - 140
Aldrin	0.133	0.141		mg/Kg		106	68 - 136
Aldrin	0.133	0.125		mg/Kg		94	68 - 136
alpha-BHC	0.133	0.139		mg/Kg		104	71 - 136
alpha-BHC	0.133	0.139		mg/Kg		104	71 - 136
beta-BHC	0.133	0.136		mg/Kg		102	67 - 133
beta-BHC	0.133	0.123		mg/Kg		92	67 - 133
cis-Chlordane	0.133	0.145		mg/Kg		109	70 - 140
cis-Chlordane	0.133	0.131		mg/Kg		98	70 - 140
delta-BHC	0.133	0.145		mg/Kg		108	70 - 135
delta-BHC	0.133	0.143		mg/Kg		107	70 - 135
Dieldrin	0.133	0.142		mg/Kg		106	71 - 135
Dieldrin	0.133	0.131		mg/Kg		99	71 - 135
Endosulfan I	0.133	0.145		mg/Kg		109	70 - 141
Endosulfan I	0.133	0.137		mg/Kg		103	70 - 141

Method: 8081B - Organochlorine Pesticides (GC) (Continued)

Lab Sample ID: LCS 460-1067152/2-A
Matrix: Solid
Analysis Batch: 1067332

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 1067152

Analyte			Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits		
Endosulfan II			0.133	0.145		mg/Kg		109	75 - 141		
Endosulfan II			0.133	0.136		mg/Kg		102	75 - 141		
Endosulfan sulfate			0.133	0.143		mg/Kg		108	67 - 130		
Endosulfan sulfate			0.133	0.124		mg/Kg		93	67 - 130		
Endrin			0.133	0.139		mg/Kg		104	66 - 143		
Endrin			0.133	0.128		mg/Kg		96	66 - 143		
Endrin aldehyde			0.133	0.152		mg/Kg		114	70 - 132		
Endrin aldehyde			0.133	0.131		mg/Kg		98	70 - 132		
Endrin ketone			0.133	0.155		mg/Kg		116	66 - 137		
Endrin ketone			0.133	0.129		mg/Kg		97	66 - 137		
gamma-BHC (Lindane)			0.133	0.142		mg/Kg		106	71 - 137		
gamma-BHC (Lindane)			0.133	0.135		mg/Kg		101	71 - 137		
Heptachlor			0.133	0.139		mg/Kg		104	70 - 140		
Heptachlor			0.133	0.132		mg/Kg		99	70 - 140		
Heptachlor epoxide			0.133	0.146		mg/Kg		109	70 - 135		
Heptachlor epoxide			0.133	0.134		mg/Kg		100	70 - 135		
Methoxychlor			0.133	0.109		mg/Kg		82	63 - 138		
Methoxychlor			0.133	0.113		mg/Kg		85	63 - 138		

Surrogate	*LCS %Recovery*	*LCS Qualifier*	*Limits*
DCB Decachlorobiphenyl	*105*		*10 - 150*
DCB Decachlorobiphenyl	*104*		*10 - 150*
Tetrachloro-m-xylene	*88*		*14 - 150*
Tetrachloro-m-xylene	*89*		*14 - 150*

Lab Sample ID: LCSD 460-1067152/3-A
Matrix: Solid
Analysis Batch: 1067332

Client Sample ID: Lab Control Sample Dup
Prep Type: Total/NA
Prep Batch: 1067152

Analyte			Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
4,4'-DDD			0.133	0.146		mg/Kg		109	71 - 134	2	30
4,4'-DDD			0.133	0.140		mg/Kg		105	71 - 134	3	30
4,4'-DDE			0.133	0.145		mg/Kg		109	71 - 137	2	30
4,4'-DDE			0.133	0.124		mg/Kg		93	71 - 137	3	30
4,4'-DDT			0.133	0.107		mg/Kg		81	69 - 140	2	30
4,4'-DDT			0.133	0.109		mg/Kg		82	69 - 140	4	30
Aldrin			0.133	0.139		mg/Kg		104	68 - 136	2	30
Aldrin			0.133	0.121		mg/Kg		91	68 - 136	4	30
alpha-BHC			0.133	0.136		mg/Kg		102	71 - 136	2	30
alpha-BHC			0.133	0.134		mg/Kg		100	71 - 136	4	30
beta-BHC			0.133	0.133		mg/Kg		100	67 - 133	2	30
beta-BHC			0.133	0.119		mg/Kg		89	67 - 133	3	30
cis-Chlordane			0.133	0.143		mg/Kg		108	70 - 140	1	30
cis-Chlordane			0.133	0.127		mg/Kg		95	70 - 140	3	30
delta-BHC			0.133	0.142		mg/Kg		106	70 - 135	2	30
delta-BHC			0.133	0.138		mg/Kg		104	70 - 135	4	30
Dieldrin			0.133	0.139		mg/Kg		105	71 - 135	2	30
Dieldrin			0.133	0.127		mg/Kg		95	71 - 135	3	30

Method: 8081B - Organochlorine Pesticides (GC) (Continued)

Lab Sample ID: LCSD 460-1067152/3-A
Matrix: Solid
Analysis Batch: 1067332

Client Sample ID: Lab Control Sample Dup
Prep Type: Total/NA
Prep Batch: 1067152

Analyte			Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Endosulfan I			0.133	0.143		mg/Kg		107	70 - 141	1	30
Endosulfan I			0.133	0.133		mg/Kg		100	70 - 141	3	30
Endosulfan II			0.133	0.143		mg/Kg		108	75 - 141	1	30
Endosulfan II			0.133	0.132		mg/Kg		99	75 - 141	3	30
Endosulfan sulfate			0.133	0.141		mg/Kg		106	67 - 130	1	30
Endosulfan sulfate			0.133	0.120		mg/Kg		90	67 - 130	3	30
Endrin			0.133	0.136		mg/Kg		102	66 - 143	2	30
Endrin			0.133	0.124		mg/Kg		93	66 - 143	4	30
Endrin aldehyde			0.133	0.149		mg/Kg		112	70 - 132	2	30
Endrin aldehyde			0.133	0.127		mg/Kg		95	70 - 132	3	30
Endrin ketone			0.133	0.153		mg/Kg		115	66 - 137	1	30
Endrin ketone			0.133	0.126		mg/Kg		94	66 - 137	3	30
gamma-BHC (Lindane)			0.133	0.138		mg/Kg		104	71 - 137	2	30
gamma-BHC (Lindane)			0.133	0.130		mg/Kg		97	71 - 137	4	30
Heptachlor			0.133	0.137		mg/Kg		102	70 - 140	2	30
Heptachlor			0.133	0.127		mg/Kg		96	70 - 140	4	30
Heptachlor epoxide			0.133	0.144		mg/Kg		108	70 - 135	1	30
Heptachlor epoxide			0.133	0.129		mg/Kg		97	70 - 135	3	30
Methoxychlor			0.133	0.107		mg/Kg		80	63 - 138	2	30
Methoxychlor			0.133	0.109		mg/Kg		82	63 - 138	4	30

Surrogate	*LCSD %Recovery*	*LCSD Qualifier*	*Limits*
DCB Decachlorobiphenyl	*98*		*10 - 150*
DCB Decachlorobiphenyl	*97*		*10 - 150*
Tetrachloro-m-xylene	*79*		*14 - 150*
Tetrachloro-m-xylene	*82*		*14 - 150*

Lab Sample ID: 460-336761-1 MS
Matrix: Solid
Analysis Batch: 1067332

Client Sample ID: 49C_0-5
Prep Type: Total/NA
Prep Batch: 1067152

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec Limits		
4,4'-DDD	0.0072	U	0.144	0.150		mg/Kg	☼	104	71 - 134		
4,4'-DDD	0.0072	U	0.144	0.144		mg/Kg	☼	100	71 - 134		
4,4'-DDE	0.0072	U	0.144	0.151		mg/Kg	☼	105	71 - 137		
4,4'-DDE	0.0072	U	0.144	0.129		mg/Kg	☼	89	71 - 137		
4,4'-DDT	0.0072	U	0.144	0.113		mg/Kg	☼	78	69 - 140		
4,4'-DDT	0.0072	U	0.144	0.115		mg/Kg	☼	80	69 - 140		
Aldrin	0.0072	U	0.144	0.145		mg/Kg	☼	101	68 - 136		
Aldrin	0.0072	U	0.144	0.126		mg/Kg	☼	87	68 - 136		
alpha-BHC	0.0022	U	0.144	0.143		mg/Kg	☼	99	71 - 136		
alpha-BHC	0.0022	U	0.144	0.140		mg/Kg	☼	97	71 - 136		
beta-BHC	0.0022	U	0.144	0.140		mg/Kg	☼	97	67 - 133		
beta-BHC	0.0022	U	0.144	0.124		mg/Kg	☼	86	67 - 133		
cis-Chlordane	0.0072	U	0.144	0.149		mg/Kg	☼	104	70 - 140		
cis-Chlordane	0.0072	U	0.144	0.132		mg/Kg	☼	92	70 - 140		
delta-BHC	0.0022	U	0.144	0.148		mg/Kg	☼	103	70 - 135		
delta-BHC	0.0022	U	0.144	0.144		mg/Kg	☼	100	70 - 135		

Method: 8081B - Organochlorine Pesticides (GC) (Continued)

Lab Sample ID: 460-336761-1 MS
Matrix: Solid
Analysis Batch: 1067332

Client Sample ID: 49C_0-5
Prep Type: Total/NA
Prep Batch: 1067152

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec Limits
Dieldrin	0.0022	U	0.144	0.145		mg/Kg	☼	101	71 - 135
Dieldrin	0.0022	U	0.144	0.132		mg/Kg	☼	92	71 - 135
Endosulfan I	0.0072	U	0.144	0.149		mg/Kg	☼	103	70 - 141
Endosulfan I	0.0072	U	0.144	0.138		mg/Kg	☼	96	70 - 141
Endosulfan II	0.0072	U	0.144	0.149		mg/Kg	☼	103	75 - 141
Endosulfan II	0.0072	U	0.144	0.136		mg/Kg	☼	95	75 - 141
Endosulfan sulfate	0.0072	U	0.144	0.146		mg/Kg	☼	101	67 - 130
Endosulfan sulfate	0.0072	U	0.144	0.124		mg/Kg	☼	86	67 - 130
Endrin	0.0072	U	0.144	0.144		mg/Kg	☼	100	66 - 143
Endrin	0.0072	U	0.144	0.129		mg/Kg	☼	90	66 - 143
Endrin aldehyde	0.0072	U	0.144	0.152		mg/Kg	☼	105	70 - 132
Endrin aldehyde	0.0072	U	0.144	0.127		mg/Kg	☼	88	70 - 132
Endrin ketone	0.0072	U	0.144	0.158		mg/Kg	☼	109	66 - 137
Endrin ketone	0.0072	U	0.144	0.129		mg/Kg	☼	90	66 - 137
gamma-BHC (Lindane)	0.0022	U	0.144	0.146		mg/Kg	☼	101	71 - 137
gamma-BHC (Lindane)	0.0022	U	0.144	0.136		mg/Kg	☼	94	71 - 137
Heptachlor	0.0072	U	0.144	0.144		mg/Kg	☼	100	70 - 140
Heptachlor	0.0072	U	0.144	0.134		mg/Kg	☼	93	70 - 140
Heptachlor epoxide	0.0072	U	0.144	0.150		mg/Kg	☼	104	70 - 135
Heptachlor epoxide	0.0072	U	0.144	0.135		mg/Kg	☼	94	70 - 135
Methoxychlor	0.0072	U	0.144	0.111		mg/Kg	☼	77	63 - 138
Methoxychlor	0.0072	U	0.144	0.115		mg/Kg	☼	80	63 - 138

Surrogate	*MS %Recovery*	*MS Qualifier*	*Limits*
DCB Decachlorobiphenyl	*87*		*10 - 150*
DCB Decachlorobiphenyl	*89*		*10 - 150*
Tetrachloro-m-xylene	*86*		*14 - 150*
Tetrachloro-m-xylene	*75*		*14 - 150*

Lab Sample ID: 460-336761-1 MSD
Matrix: Solid
Analysis Batch: 1067332

Client Sample ID: 49C_0-5
Prep Type: Total/NA
Prep Batch: 1067152

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
4,4'-DDD	0.0072	U	0.144	0.155		mg/Kg	☼	107	71 - 134	3	30
4,4'-DDD	0.0072	U	0.144	0.152		mg/Kg	☼	105	71 - 134	5	30
4,4'-DDE	0.0072	U	0.144	0.156		mg/Kg	☼	108	71 - 137	4	30
4,4'-DDE	0.0072	U	0.144	0.136		mg/Kg	☼	94	71 - 137	5	30
4,4'-DDT	0.0072	U	0.144	0.117		mg/Kg	☼	81	69 - 140	3	30
4,4'-DDT	0.0072	U	0.144	0.121		mg/Kg	☼	84	69 - 140	5	30
Aldrin	0.0072	U	0.144	0.151		mg/Kg	☼	105	68 - 136	4	30
Aldrin	0.0072	U	0.144	0.133		mg/Kg	☼	93	68 - 136	6	30
alpha-BHC	0.0022	U	0.144	0.148		mg/Kg	☼	103	71 - 136	4	30
alpha-BHC	0.0022	U	0.144	0.147		mg/Kg	☼	102	71 - 136	5	30
beta-BHC	0.0022	U	0.144	0.148		mg/Kg	☼	103	67 - 133	5	30
beta-BHC	0.0022	U	0.144	0.131		mg/Kg	☼	91	67 - 133	6	30
cis-Chlordane	0.0072	U	0.144	0.155		mg/Kg	☼	107	70 - 140	4	30
cis-Chlordane	0.0072	U	0.144	0.140		mg/Kg	☼	97	70 - 140	5	30

Method: 8081B - Organochlorine Pesticides (GC) (Continued)

Lab Sample ID: 460-336761-1 MSD
Matrix: Solid
Analysis Batch: 1067332

Client Sample ID: 49C_0-5
Prep Type: Total/NA
Prep Batch: 1067152

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
delta-BHC	0.0022	U	0.144	0.154		mg/Kg	☼	107	70 - 135	4	30
delta-BHC	0.0022	U	0.144	0.152		mg/Kg	☼	105	70 - 135	6	30
Dieldrin	0.0022	U	0.144	0.150		mg/Kg	☼	104	71 - 135	4	30
Dieldrin	0.0022	U	0.144	0.139		mg/Kg	☼	97	71 - 135	5	30
Endosulfan I	0.0072	U	0.144	0.155		mg/Kg	☼	107	70 - 141	4	30
Endosulfan I	0.0072	U	0.144	0.146		mg/Kg	☼	101	70 - 141	5	30
Endosulfan II	0.0072	U	0.144	0.154		mg/Kg	☼	107	75 - 141	3	30
Endosulfan II	0.0072	U	0.144	0.144		mg/Kg	☼	100	75 - 141	6	30
Endosulfan sulfate	0.0072	U	0.144	0.151		mg/Kg	☼	105	67 - 130	4	30
Endosulfan sulfate	0.0072	U	0.144	0.131		mg/Kg	☼	91	67 - 130	5	30
Endrin	0.0072	U	0.144	0.148		mg/Kg	☼	103	66 - 143	3	30
Endrin	0.0072	U	0.144	0.136		mg/Kg	☼	94	66 - 143	5	30
Endrin aldehyde	0.0072	U	0.144	0.157		mg/Kg	☼	109	70 - 132	4	30
Endrin aldehyde	0.0072	U	0.144	0.134		mg/Kg	☼	93	70 - 132	5	30
Endrin ketone	0.0072	U	0.144	0.164		mg/Kg	☼	114	66 - 137	4	30
Endrin ketone	0.0072	U	0.144	0.136		mg/Kg	☼	95	66 - 137	5	30
gamma-BHC (Lindane)	0.0022	U	0.144	0.152		mg/Kg	☼	105	71 - 137	4	30
gamma-BHC (Lindane)	0.0022	U	0.144	0.144		mg/Kg	☼	100	71 - 137	6	30
Heptachlor	0.0072	U	0.144	0.150		mg/Kg	☼	104	70 - 140	4	30
Heptachlor	0.0072	U	0.144	0.141		mg/Kg	☼	98	70 - 140	6	30
Heptachlor epoxide	0.0072	U	0.144	0.156		mg/Kg	☼	108	70 - 135	4	30
Heptachlor epoxide	0.0072	U	0.144	0.143		mg/Kg	☼	99	70 - 135	6	30
Methoxychlor	0.0072	U	0.144	0.115		mg/Kg	☼	80	63 - 138	4	30
Methoxychlor	0.0072	U	0.144	0.121		mg/Kg	☼	84	63 - 138	5	30

Surrogate	*MSD %Recovery*	*MSD Qualifier*	*Limits*
DCB Decachlorobiphenyl	*97*		*10 - 150*
DCB Decachlorobiphenyl	*102*		*10 - 150*
Tetrachloro-m-xylene	*93*		*14 - 150*
Tetrachloro-m-xylene	*85*		*14 - 150*

Method: 8082A - Polychlorinated Biphenyls (PCBs) by Gas Chromatography

Lab Sample ID: MB 460-1067144/1-A
Matrix: Solid
Analysis Batch: 1067480

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 1067144

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Aroclor 1016	0.067	U	0.067	0.018	mg/Kg		10/09/25 17:24	10/10/25 19:11	1
Aroclor 1016	0.067	U	0.067	0.018	mg/Kg		10/09/25 17:24	10/10/25 19:11	1
Aroclor 1221	0.067	U	0.067	0.018	mg/Kg		10/09/25 17:24	10/10/25 19:11	1
Aroclor 1221	0.067	U	0.067	0.018	mg/Kg		10/09/25 17:24	10/10/25 19:11	1
Aroclor 1232	0.067	U	0.067	0.018	mg/Kg		10/09/25 17:24	10/10/25 19:11	1
Aroclor 1232	0.067	U	0.067	0.018	mg/Kg		10/09/25 17:24	10/10/25 19:11	1
Aroclor 1242	0.067	U	0.067	0.018	mg/Kg		10/09/25 17:24	10/10/25 19:11	1
Aroclor 1242	0.067	U	0.067	0.018	mg/Kg		10/09/25 17:24	10/10/25 19:11	1
Aroclor 1248	0.067	U	0.067	0.018	mg/Kg		10/09/25 17:24	10/10/25 19:11	1
Aroclor 1248	0.067	U	0.067	0.018	mg/Kg		10/09/25 17:24	10/10/25 19:11	1
Aroclor 1254	0.067	U	0.067	0.018	mg/Kg		10/09/25 17:24	10/10/25 19:11	1

Method: 8082A - Polychlorinated Biphenyls (PCBs) by Gas Chromatography (Continued)

Lab Sample ID: MB 460-1067144/1-A
Matrix: Solid
Analysis Batch: 1067480

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 1067144

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Aroclor 1254	0.067	U	0.067	0.018	mg/Kg		10/09/25 17:24	10/10/25 19:11	1
Aroclor 1260	0.067	U	0.067	0.018	mg/Kg		10/09/25 17:24	10/10/25 19:11	1
Aroclor 1260	0.067	U	0.067	0.018	mg/Kg		10/09/25 17:24	10/10/25 19:11	1
Aroclor-1262	0.067	U	0.067	0.018	mg/Kg		10/09/25 17:24	10/10/25 19:11	1
Aroclor-1262	0.067	U	0.067	0.018	mg/Kg		10/09/25 17:24	10/10/25 19:11	1
Aroclor 1268	0.067	U	0.067	0.018	mg/Kg		10/09/25 17:24	10/10/25 19:11	1
Aroclor 1268	0.067	U	0.067	0.018	mg/Kg		10/09/25 17:24	10/10/25 19:11	1
Polychlorinated biphenyls, Total	0.067	U	0.067	0.018	mg/Kg		10/09/25 17:24	10/10/25 19:11	1
Polychlorinated biphenyls, Total	0.067	U	0.067	0.018	mg/Kg		10/09/25 17:24	10/10/25 19:11	1

Surrogate	*MB %Recovery*	*MB Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
DCB Decachlorobiphenyl	*97*		*10 - 150*	*10/09/25 17:24*	*10/10/25 19:11*	*1*
DCB Decachlorobiphenyl	*104*		*10 - 150*	*10/09/25 17:24*	*10/10/25 19:11*	*1*
Tetrachloro-m-xylene	*82*		*10 - 150*	*10/09/25 17:24*	*10/10/25 19:11*	*1*
Tetrachloro-m-xylene	*85*		*10 - 150*	*10/09/25 17:24*	*10/10/25 19:11*	*1*

Lab Sample ID: LCS 460-1067144/2-A
Matrix: Solid
Analysis Batch: 1067480

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 1067144

Analyte			Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits		
Aroclor 1016			0.333	0.261		mg/Kg		78	59 - 149		
Aroclor 1016			0.333	0.268		mg/Kg		80	59 - 149		
Aroclor 1260			0.333	0.281		mg/Kg		84	62 - 145		
Aroclor 1260			0.333	0.296		mg/Kg		89	62 - 145		

Surrogate	*LCS %Recovery*	*LCS Qualifier*	*Limits*
DCB Decachlorobiphenyl	*99*		*10 - 150*
DCB Decachlorobiphenyl	*105*		*10 - 150*
Tetrachloro-m-xylene	*83*		*10 - 150*
Tetrachloro-m-xylene	*83*		*10 - 150*

Lab Sample ID: LCSD 460-1067144/3-A
Matrix: Solid
Analysis Batch: 1067480

Client Sample ID: Lab Control Sample Dup
Prep Type: Total/NA
Prep Batch: 1067144

Analyte			Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Aroclor 1016			0.333	0.235		mg/Kg		71	59 - 149	10	30
Aroclor 1016			0.333	0.271		mg/Kg		81	59 - 149	1	30
Aroclor 1260			0.333	0.244		mg/Kg		73	62 - 145	14	30
Aroclor 1260			0.333	0.289		mg/Kg		87	62 - 145	2	30

Surrogate	*LCSD %Recovery*	*LCSD Qualifier*	*Limits*
DCB Decachlorobiphenyl	*91*		*10 - 150*
DCB Decachlorobiphenyl	*106*		*10 - 150*
Tetrachloro-m-xylene	*74*		*10 - 150*
Tetrachloro-m-xylene	*85*		*10 - 150*

Method: 8082A - Polychlorinated Biphenyls (PCBs) by Gas Chromatography (Continued)

Lab Sample ID: 460-336761-1 MS
Matrix: Solid
Analysis Batch: 1067480

Client Sample ID: 49C_0-5
Prep Type: Total/NA
Prep Batch: 1067144

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec Limits
Aroclor 1016	0.072	U	0.360	0.253		mg/Kg	☼	70	59 - 149
Aroclor 1016	0.072	U	0.360	0.288		mg/Kg	☼	80	59 - 149
Aroclor 1260	0.072	U	0.360	0.263		mg/Kg	☼	73	62 - 145
Aroclor 1260	0.072	U	0.360	0.291		mg/Kg	☼	81	62 - 145

Surrogate	*MS %Recovery*	*MS Qualifier*	*Limits*
DCB Decachlorobiphenyl	*83*		*10 - 150*
DCB Decachlorobiphenyl	*91*		*10 - 150*
Tetrachloro-m-xylene	*69*		*10 - 150*
Tetrachloro-m-xylene	*74*		*10 - 150*

Lab Sample ID: 460-336761-1 MSD
Matrix: Solid
Analysis Batch: 1067480

Client Sample ID: 49C_0-5
Prep Type: Total/NA
Prep Batch: 1067144

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Aroclor 1016	0.072	U	0.360	0.317		mg/Kg	☼	88	59 - 149	22	30
Aroclor 1016	0.072	U	0.360	0.316		mg/Kg	☼	88	59 - 149	9	30
Aroclor 1260	0.072	U	0.360	0.323		mg/Kg	☼	90	62 - 145	20	30
Aroclor 1260	0.072	U	0.360	0.329		mg/Kg	☼	91	62 - 145	12	30

Surrogate	*MSD %Recovery*	*MSD Qualifier*	*Limits*
DCB Decachlorobiphenyl	*93*		*10 - 150*
DCB Decachlorobiphenyl	*97*		*10 - 150*
Tetrachloro-m-xylene	*84*		*10 - 150*
Tetrachloro-m-xylene	*84*		*10 - 150*

Method: 1633A - Per- and Polyfluoroalkyl Substances by LC/MS/MS, 1633A

Lab Sample ID: MB 410-714115/1-A
Matrix: Solid
Analysis Batch: 714967

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 714115

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Perfluorobutanoic acid (PFBA)	0.38	U	0.38	0.096	ug/Kg		10/15/25 07:11	10/16/25 09:51	1
Perfluoropentanoic acid (PFPeA)	0.19	U	0.19	0.096	ug/Kg		10/15/25 07:11	10/16/25 09:51	1
Perfluorohexanoic acid (PFHxA)	0.19	U	0.19	0.096	ug/Kg		10/15/25 07:11	10/16/25 09:51	1
Perfluoroheptanoic acid (PFHpA)	0.19	U	0.19	0.096	ug/Kg		10/15/25 07:11	10/16/25 09:51	1
Perfluorooctanoic acid (PFOA)	0.19	U	0.19	0.058	ug/Kg		10/15/25 07:11	10/16/25 09:51	1
Perfluorononanoic acid (PFNA)	0.19	U	0.19	0.096	ug/Kg		10/15/25 07:11	10/16/25 09:51	1
Perfluorodecanoic acid (PFDA)	0.19	U	0.19	0.058	ug/Kg		10/15/25 07:11	10/16/25 09:51	1
Perfluoroundecanoic acid (PFUnA)	0.19	U	0.19	0.096	ug/Kg		10/15/25 07:11	10/16/25 09:51	1
Perfluorododecanoic acid (PFDoA)	0.19	U	0.19	0.096	ug/Kg		10/15/25 07:11	10/16/25 09:51	1
Perfluorotridecanoic acid (PFTrDA)	0.19	U	0.19	0.096	ug/Kg		10/15/25 07:11	10/16/25 09:51	1
Perfluorotetradecanoic acid (PFTeDA)	0.19	U	0.19	0.096	ug/Kg		10/15/25 07:11	10/16/25 09:51	1
Perfluorobutanesulfonic acid (PFBS)	0.19	U	0.19	0.096	ug/Kg		10/15/25 07:11	10/16/25 09:51	1
Perfluoropentanesulfonic acid (PFPeS)	0.19	U	0.19	0.096	ug/Kg		10/15/25 07:11	10/16/25 09:51	1

Method: 1633A - Per- and Polyfluoroalkyl Substances by LC/MS/MS, 1633A (Continued)

Lab Sample ID: MB 410-714115/1-A
Matrix: Solid
Analysis Batch: 714967

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 714115

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Perfluorohexanesulfonic acid (PFHxS)	0.19	U	0.19	0.096	ug/Kg		10/15/25 07:11	10/16/25 09:51	1
Perfluoroheptanesulfonic acid (PFHpS)	0.19	U	0.19	0.096	ug/Kg		10/15/25 07:11	10/16/25 09:51	1
Perfluorooctanesulfonic acid (PFOS)	0.19	U	0.19	0.096	ug/Kg		10/15/25 07:11	10/16/25 09:51	1
Perfluorononanesulfonic acid (PFNS)	0.19	U	0.19	0.096	ug/Kg		10/15/25 07:11	10/16/25 09:51	1
Perfluorodecanesulfonic acid (PFDS)	0.19	U	0.19	0.096	ug/Kg		10/15/25 07:11	10/16/25 09:51	1
Perfluorododecanesulfonic acid (PFDoS)	0.19	U	0.19	0.096	ug/Kg		10/15/25 07:11	10/16/25 09:51	1
1H,1H,2H,2H-Perfluorohexane sulfonic acid (4:2 FTS)	0.38	U	0.38	0.19	ug/Kg		10/15/25 07:11	10/16/25 09:51	1
1H,1H,2H,2H-Perfluorooctane sulfonic acid (6:2 FTS)	0.38	U	0.38	0.19	ug/Kg		10/15/25 07:11	10/16/25 09:51	1
1H,1H,2H,2H-Perfluorodecane sulfonic acid (8:2 FTS)	0.38	U	0.38	0.19	ug/Kg		10/15/25 07:11	10/16/25 09:51	1
Perfluorooctanesulfonamide (PFOSA)	0.19	U	0.19	0.096	ug/Kg		10/15/25 07:11	10/16/25 09:51	1
N-methylperfluorooctane sulfonamide (NMeFOSA)	0.19	U	0.19	0.096	ug/Kg		10/15/25 07:11	10/16/25 09:51	1
N-ethylperfluorooctane sulfonamide (NEtFOSA)	0.19	U	0.19	0.096	ug/Kg		10/15/25 07:11	10/16/25 09:51	1
N-methylperfluorooctanesulfonamidoacetic acid (NMeFOSAA)	0.19	U	0.19	0.096	ug/Kg		10/15/25 07:11	10/16/25 09:51	1
N-ethylperfluorooctanesulfonamidoacetic acid (NEtFOSAA)	0.19	U	0.19	0.096	ug/Kg		10/15/25 07:11	10/16/25 09:51	1
N-methylperfluorooctane sulfonamidoethanol (NMeFOSE)	0.96	U	0.96	0.48	ug/Kg		10/15/25 07:11	10/16/25 09:51	1
N-ethylperfluorooctane sulfonamidoethanol (NEtFOSE)	0.96	U	0.96	0.48	ug/Kg		10/15/25 07:11	10/16/25 09:51	1
Hexafluoropropylene Oxide Dimer Acid (HFPO-DA)	0.19	U	0.19	0.096	ug/Kg		10/15/25 07:11	10/16/25 09:51	1
4,8-Dioxa-3H-perfluorononanoic acid (ADONA)	0.19	U	0.19	0.096	ug/Kg		10/15/25 07:11	10/16/25 09:51	1
Perfluoro-3-methoxypropanoic acid (PFMPA)	0.19	U	0.19	0.096	ug/Kg		10/15/25 07:11	10/16/25 09:51	1
Perfluoro-4-methoxybutanoic acid (PFMBA)	0.19	U	0.19	0.096	ug/Kg		10/15/25 07:11	10/16/25 09:51	1
Nonafluoro-3,6-dioxaheptanoic acid (NFDHA)	0.19	U	0.19	0.096	ug/Kg		10/15/25 07:11	10/16/25 09:51	1
9-Chlorohexadecafluoro-3-oxanonane-1-sulfonic acid (9Cl-PF3ONS)	0.19	U	0.19	0.096	ug/Kg		10/15/25 07:11	10/16/25 09:51	1
11-Chloroeicosafluoro-3-oxaundecane-1-sulfonic acid (11Cl-PF3OUdS)	0.19	U	0.19	0.096	ug/Kg		10/15/25 07:11	10/16/25 09:51	1
Perfluoro (2-ethoxyethane) sulfonic acid (PFEESA)	0.19	U	0.19	0.096	ug/Kg		10/15/25 07:11	10/16/25 09:51	1
3-Perfluoropropylpropanoic acid (3:3 FTCA)	0.38	U	0.38	0.19	ug/Kg		10/15/25 07:11	10/16/25 09:51	1
3-Perfluoropentylpropanoic acid (5:3 FTCA)	0.96	U	0.96	0.48	ug/Kg		10/15/25 07:11	10/16/25 09:51	1
3-Perfluoroheptylpropanoic acid (7:3 FTCA)	0.96	U	0.96	0.48	ug/Kg		10/15/25 07:11	10/16/25 09:51	1

Isotope Dilution	*MB %Recovery*	*MB Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
13C4 PFBA	*69.6*		*8 - 130*	*10/15/25 07:11*	*10/16/25 09:51*	*1*
13C5 PFPeA	*67.1*		*35 - 130*	*10/15/25 07:11*	*10/16/25 09:51*	*1*
13C5 PFHxA	*70.2*		*40 - 130*	*10/15/25 07:11*	*10/16/25 09:51*	*1*

Method: 1633A - Per- and Polyfluoroalkyl Substances by LC/MS/MS, 1633A (Continued)

Lab Sample ID: MB 410-714115/1-A
Matrix: Solid
Analysis Batch: 714967

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 714115

Isotope Dilution	MB %Recovery	MB Qualifier	Limits	Prepared	Analyzed	Dil Fac
13C4 PFHpA	74.0		40 - 130	10/15/25 07:11	10/16/25 09:51	1
13C8 PFOA	69.4		40 - 130	10/15/25 07:11	10/16/25 09:51	1
13C9 PFNA	70.4		40 - 130	10/15/25 07:11	10/16/25 09:51	1
13C6 PFDA	60.0		40 - 130	10/15/25 07:11	10/16/25 09:51	1
13C7 PFUnA	66.0		40 - 130	10/15/25 07:11	10/16/25 09:51	1
13C2 PFTeDA	37.8		20 - 130	10/15/25 07:11	10/16/25 09:51	1
13C3 PFBS	70.8		40 - 135	10/15/25 07:11	10/16/25 09:51	1
13C3 PFHxS	66.8		40 - 130	10/15/25 07:11	10/16/25 09:51	1
13C8 PFOS	61.0		40 - 130	10/15/25 07:11	10/16/25 09:51	1
13C8 FOSA	56.8		40 - 130	10/15/25 07:11	10/16/25 09:51	1
d3-NMeFOSAA	61.1		40 - 135	10/15/25 07:11	10/16/25 09:51	1
d5-NEtFOSAA	71.2		40 - 150	10/15/25 07:11	10/16/25 09:51	1
13C2 4:2 FTS	71.8		40 - 165	10/15/25 07:11	10/16/25 09:51	1
13C2 6:2 FTS	74.4		40 - 215	10/15/25 07:11	10/16/25 09:51	1
13C2 8:2 FTS	63.4		40 - 275	10/15/25 07:11	10/16/25 09:51	1
13C3 HFPO-DA	75.3		40 - 130	10/15/25 07:11	10/16/25 09:51	1
d7-N-MeFOSE-M	45.4		20 - 130	10/15/25 07:11	10/16/25 09:51	1
d9-N-EtFOSE-M	32.3		15 - 130	10/15/25 07:11	10/16/25 09:51	1
d5-NEtPFOSA	47.1		10 - 130	10/15/25 07:11	10/16/25 09:51	1
d3-NMePFOSA	52.1		10 - 130	10/15/25 07:11	10/16/25 09:51	1
13C2 PFDoA	52.6		40 - 130	10/15/25 07:11	10/16/25 09:51	1

Lab Sample ID: LCS 410-714115/2-A
Matrix: Solid
Analysis Batch: 714967

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 714115

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
Perfluorobutanoic acid (PFBA)	4.95	4.813		ug/Kg		97	70 - 140
Perfluoropentanoic acid (PFPeA)	2.48	2.646		ug/Kg		107	60 - 150
Perfluorohexanoic acid (PFHxA)	2.48	2.395		ug/Kg		97	65 - 140
Perfluoroheptanoic acid (PFHpA)	2.48	2.461		ug/Kg		99	65 - 145
Perfluorooctanoic acid (PFOA)	2.48	2.424		ug/Kg		98	70 - 150
Perfluorononanoic acid (PFNA)	2.48	2.546		ug/Kg		103	70 - 155
Perfluorodecanoic acid (PFDA)	2.48	2.489		ug/Kg		101	70 - 155
Perfluoroundecanoic acid (PFUnA)	2.48	2.643		ug/Kg		107	70 - 155
Perfluorododecanoic acid (PFDoA)	2.48	2.461		ug/Kg		99	70 - 150
Perfluorotridecanoic acid (PFTrDA)	2.48	2.646		ug/Kg		107	65 - 150
Perfluorotetradecanoic acid (PFTeDA)	2.48	2.603		ug/Kg		105	65 - 150
Perfluorobutanesulfonic acid (PFBS)	2.20	2.359		ug/Kg		107	65 - 145
Perfluoropentanesulfonic acid (PFPeS)	2.33	2.486		ug/Kg		107	55 - 160
Perfluorohexanesulfonic acid (PFHxS)	2.26	2.239		ug/Kg		99	60 - 150
Perfluoroheptanesulfonic acid (PFHpS)	2.36	2.480		ug/Kg		105	65 - 155

Method: 1633A - Per- and Polyfluoroalkyl Substances by LC/MS/MS, 1633A (Continued)

Lab Sample ID: LCS 410-714115/2-A
Matrix: Solid
Analysis Batch: 714967

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 714115

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
Perfluorooctanesulfonic acid (PFOS)	2.30	2.181		ug/Kg		95	65 - 160
Perfluorononanesulfonic acid (PFNS)	2.38	2.114		ug/Kg		89	55 - 140
Perfluorodecanesulfonic acid (PFDS)	2.39	1.718		ug/Kg		72	40 - 155
Perfluorododecanesulfonic acid (PFDoS)	2.40	0.970		ug/Kg		40	25 - 160
1H,1H,2H,2H-Perfluorohexane sulfonic acid (4:2 FTS)	4.64	4.762		ug/Kg		103	60 - 150
1H,1H,2H,2H-Perfluorooctane sulfonic acid (6:2 FTS)	4.71	4.832		ug/Kg		103	55 - 200
1H,1H,2H,2H-Perfluorodecane sulfonic acid (8:2 FTS)	4.75	4.811		ug/Kg		101	70 - 150
Perfluorooctanesulfonamide (PFOSA)	2.48	2.590		ug/Kg		105	70 - 140
N-methylperfluorooctane sulfonamide (NMeFOSA)	2.48	2.567		ug/Kg		104	70 - 155
N-ethylperfluorooctane sulfonamide (NEtFOSA)	2.48	2.423		ug/Kg		98	70 - 140
N-methylperfluorooctanesulfonamidoacetic acid (NMeFOSAA)	2.48	2.536		ug/Kg		102	65 - 155
N-ethylperfluorooctanesulfonamidoacetic acid (NEtFOSAA)	2.48	2.511		ug/Kg		101	65 - 165
N-methylperfluorooctane sulfonamidoethanol (NMeFOSE)	12.4	12.27		ug/Kg		99	70 - 140
N-ethylperfluorooctane sulfonamidoethanol (NEtFOSE)	12.4	13.10		ug/Kg		106	70 - 135
Hexafluoropropylene Oxide Dimer Acid (HFPO-DA)	1.86	1.866		ug/Kg		100	70 - 145
4,8-Dioxa-3H-perfluorononanoic acid (ADONA)	2.34	2.333		ug/Kg		100	70 - 160
Perfluoro-3-methoxypropanoic acid (PFMPA)	2.48	2.494		ug/Kg		101	30 - 140
Perfluoro-4-methoxybutanoic acid (PFMBA)	2.48	2.410		ug/Kg		97	60 - 150
Nonafluoro-3,6-dioxaheptanoic acid (NFDHA)	2.48	2.795		ug/Kg		113	60 - 155
9-Chlorohexadecafluoro-3-oxanonane-1-sulfonic acid (9Cl-PF3ONS)	2.31	2.273		ug/Kg		98	70 - 150
11-Chloroeicosafluoro-3-oxaundecane-1-sulfonic acid (11Cl-PF3OUdS)	2.34	1.642		ug/Kg		70	45 - 160
Perfluoro (2-ethoxyethane) sulfonic acid (PFEESA)	2.21	2.367		ug/Kg		107	70 - 140
3-Perfluoropropylpropanoic acid (3:3 FTCA)	4.95	4.013		ug/Kg		81	45 - 130
3-Perfluoropentylpropanoic acid (5:3 FTCA)	12.4	10.30		ug/Kg		83	60 - 130
3-Perfluoroheptylpropanoic acid (7:3 FTCA)	12.4	10.86		ug/Kg		88	60 - 150

Isotope Dilution	*LCS %Recovery*	*LCS Qualifier*	*Limits*
13C4 PFBA	*72.8*		*8 - 130*

Method: 1633A - Per- and Polyfluoroalkyl Substances by LC/MS/MS, 1633A (Continued)

Lab Sample ID: LCS 410-714115/2-A
Matrix: Solid
Analysis Batch: 714967

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 714115

Isotope Dilution	*LCS %Recovery*	*LCS Qualifier*	*Limits*
13C5 PFPeA	*79.1*		*35 - 130*
13C5 PFHxA	*80.4*		*40 - 130*
13C4 PFHpA	*88.4*		*40 - 130*
13C8 PFOA	*78.7*		*40 - 130*
13C9 PFNA	*77.1*		*40 - 130*
13C6 PFDA	*75.3*		*40 - 130*
13C7 PFUnA	*78.3*		*40 - 130*
13C2 PFTeDA	*46.8*		*20 - 130*
13C3 PFBS	*76.6*		*40 - 135*
13C3 PFHxS	*76.3*		*40 - 130*
13C8 PFOS	*75.9*		*40 - 130*
13C8 FOSA	*67.4*		*40 - 130*
d3-NMeFOSAA	*75.7*		*40 - 135*
d5-NEtFOSAA	*79.4*		*40 - 150*
13C2 4:2 FTS	*76.9*		*40 - 165*
13C2 6:2 FTS	*81.3*		*40 - 215*
13C2 8:2 FTS	*70.8*		*40 - 275*
13C3 HFPO-DA	*83.2*		*40 - 130*
d7-N-MeFOSE-M	*53.0*		*20 - 130*
d9-N-EtFOSE-M	*40.7*		*15 - 130*
d5-NEtPFOSA	*69.1*		*10 - 130*
d3-NMePFOSA	*71.8*		*10 - 130*
13C2 PFDoA	*65.6*		*40 - 130*

Lab Sample ID: LCSD 410-714115/3-A
Matrix: Solid
Analysis Batch: 714967

Client Sample ID: Lab Control Sample Dup
Prep Type: Total/NA
Prep Batch: 714115

Analyte			Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Perfluorobutanoic acid (PFBA)			4.76	4.737		ug/Kg		99	70 - 140	2	30
Perfluoropentanoic acid (PFPeA)			2.38	2.646		ug/Kg		111	60 - 150	0	30
Perfluorohexanoic acid (PFHxA)			2.38	2.362		ug/Kg		99	65 - 140	1	30
Perfluoroheptanoic acid (PFHpA)			2.38	2.497		ug/Kg		105	65 - 145	1	30
Perfluorooctanoic acid (PFOA)			2.38	2.575		ug/Kg		108	70 - 150	6	30
Perfluorononanoic acid (PFNA)			2.38	2.370		ug/Kg		100	70 - 155	7	30
Perfluorodecanoic acid (PFDA)			2.38	2.132		ug/Kg		90	70 - 155	15	30
Perfluoroundecanoic acid (PFUnA)			2.38	2.260		ug/Kg		95	70 - 155	16	30
Perfluorododecanoic acid (PFDoA)			2.38	2.687		ug/Kg		113	70 - 150	9	30
Perfluorotridecanoic acid (PFTrDA)			2.38	2.545		ug/Kg		107	65 - 150	4	30
Perfluorotetradecanoic acid (PFTeDA)			2.38	2.823		ug/Kg		119	65 - 150	8	30
Perfluorobutanesulfonic acid (PFBS)			2.11	2.384		ug/Kg		113	65 - 145	1	30
Perfluoropentanesulfonic acid (PFPeS)			2.24	2.561		ug/Kg		114	55 - 160	3	30
Perfluorohexanesulfonic acid (PFHxS)			2.17	2.148		ug/Kg		99	60 - 150	4	30

Method: 1633A - Per- and Polyfluoroalkyl Substances by LC/MS/MS, 1633A (Continued)

Lab Sample ID: LCSD 410-714115/3-A
Matrix: Solid
Analysis Batch: 714967

Client Sample ID: Lab Control Sample Dup
Prep Type: Total/NA
Prep Batch: 714115

Analyte			Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Perfluoroheptanesulfonic acid (PFHpS)			2.27	2.868		ug/Kg		126	65 - 155	15	30
Perfluorooctanesulfonic acid (PFOS)			2.21	2.194		ug/Kg		99	65 - 160	1	30
Perfluorononanesulfonic acid (PFNS)			2.29	2.083		ug/Kg		91	55 - 140	1	30
Perfluorodecanesulfonic acid (PFDS)			2.30	2.007		ug/Kg		87	40 - 155	16	30
Perfluorododecanesulfonic acid (PFDoS)			2.31	1.264		ug/Kg		55	25 - 160	26	30
1H,1H,2H,2H-Perfluorohexane sulfonic acid (4:2 FTS)			4.47	4.767		ug/Kg		107	60 - 150	0	30
1H,1H,2H,2H-Perfluorooctane sulfonic acid (6:2 FTS)			4.53	4.753		ug/Kg		105	55 - 200	2	30
1H,1H,2H,2H-Perfluorodecane sulfonic acid (8:2 FTS)			4.57	4.819		ug/Kg		105	70 - 150	0	30
Perfluorooctanesulfonamide (PFOSA)			2.38	2.520		ug/Kg		106	70 - 140	3	30
N-methylperfluorooctane sulfonamide (NMeFOSA)			2.38	2.458		ug/Kg		103	70 - 155	4	30
N-ethylperfluorooctane sulfonamide (NEtFOSA)			2.38	2.506		ug/Kg		105	70 - 140	3	30
N-methylperfluorooctanesulfonamidoacetic acid (NMeFOSAA)			2.38	2.569		ug/Kg		108	65 - 155	1	30
N-ethylperfluorooctanesulfonamidoacetic acid (NEtFOSAA)			2.38	2.419		ug/Kg		102	65 - 165	4	30
N-methylperfluorooctane sulfonamidoethanol (NMeFOSE)			11.9	12.16		ug/Kg		102	70 - 140	1	30
N-ethylperfluorooctane sulfonamidoethanol (NEtFOSE)			11.9	13.03		ug/Kg		109	70 - 135	1	30
Hexafluoropropylene Oxide Dimer Acid (HFPO-DA)			1.79	2.006		ug/Kg		112	70 - 145	7	30
4,8-Dioxa-3H-perfluorononanoic acid (ADONA)			2.25	2.275		ug/Kg		101	70 - 160	3	30
Perfluoro-3-methoxypropanoic acid (PFMPA)			2.38	2.549		ug/Kg		107	30 - 140	2	30
Perfluoro-4-methoxybutanoic acid (PFMBA)			2.38	2.473		ug/Kg		104	60 - 150	3	30
Nonafluoro-3,6-dioxaheptanoic acid (NFDHA)			2.38	2.448		ug/Kg		103	60 - 155	13	30
9-Chlorohexadecafluoro-3-oxanonane-1-sulfonic acid (9Cl-PF3ONS)			2.22	2.062		ug/Kg		93	70 - 150	10	30
11-Chloroeicosafluoro-3-oxaundecane-1-sulfonic acid (11Cl-PF3OUdS)			2.25	2.100		ug/Kg		93	45 - 160	24	30
Perfluoro (2-ethoxyethane) sulfonic acid (PFEESA)			2.12	2.310		ug/Kg		109	70 - 140	2	30
3-Perfluoropropylpropanoic acid (3:3 FTCA)			4.76	4.042		ug/Kg		85	45 - 130	1	30
3-Perfluoropentylpropanoic acid (5:3 FTCA)			11.9	10.11		ug/Kg		85	60 - 130	2	30
3-Perfluoroheptylpropanoic acid (7:3 FTCA)			11.9	10.35		ug/Kg		87	60 - 150	5	30

Method: 1633A - Per- and Polyfluoroalkyl Substances by LC/MS/MS, 1633A (Continued)

Isotope Dilution	LCSD %Recovery	LCSD Qualifier	Limits
13C4 PFBA	76.4		8 - 130
13C5 PFPeA	76.5		35 - 130
13C5 PFHxA	78.9		40 - 130
13C4 PFHpA	87.3		40 - 130
13C8 PFOA	77.3		40 - 130
13C9 PFNA	76.3		40 - 130
13C6 PFDA	75.2		40 - 130
13C7 PFUnA	69.4		40 - 130
13C2 PFTeDA	34.7		20 - 130
13C3 PFBS	77.3		40 - 135
13C3 PFHxS	73.0		40 - 130
13C8 PFOS	55.4		40 - 130
13C8 FOSA	65.4		40 - 130
d3-NMeFOSAA	72.9		40 - 135
d5-NEtFOSAA	84.0		40 - 150
13C2 4:2 FTS	80.4		40 - 165
13C2 6:2 FTS	85.0		40 - 215
13C2 8:2 FTS	69.9		40 - 275
13C3 HFPO-DA	81.2		40 - 130
d7-N-MeFOSE-M	59.8		20 - 130
d9-N-EtFOSE-M	44.7		15 - 130
d5-NEtPFOSA	56.0		10 - 130
d3-NMePFOSA	62.8		10 - 130
13C2 PFDoA	53.2		40 - 130

Lab Sample ID: LLCS 410-714115/4-A
Matrix: Solid
Analysis Batch: 714967

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 714115

Analyte	Spike Added	LLCS Result	LLCS Qualifier	Unit	D	%Rec	%Rec Limits
Perfluorobutanoic acid (PFBA)	0.481	0.454		ug/Kg		94	70 - 140
Perfluoropentanoic acid (PFPeA)	0.240	0.230		ug/Kg		96	60 - 150
Perfluorohexanoic acid (PFHxA)	0.240	0.232		ug/Kg		96	65 - 140
Perfluoroheptanoic acid (PFHpA)	0.240	0.239		ug/Kg		99	65 - 145
Perfluorooctanoic acid (PFOA)	0.240	0.243		ug/Kg		101	70 - 150
Perfluorononanoic acid (PFNA)	0.240	0.229		ug/Kg		95	70 - 155
Perfluorodecanoic acid (PFDA)	0.240	0.213		ug/Kg		88	70 - 155
Perfluoroundecanoic acid (PFUnA)	0.240	0.240		ug/Kg		100	70 - 155
Perfluorododecanoic acid (PFDoA)	0.240	0.231		ug/Kg		96	70 - 150
Perfluorotridecanoic acid (PFTrDA)	0.240	0.233		ug/Kg		97	65 - 150
Perfluorotetradecanoic acid (PFTeDA)	0.240	0.203		ug/Kg		84	65 - 150
Perfluorobutanesulfonic acid (PFBS)	0.213	0.203		ug/Kg		95	65 - 145
Perfluoropentanesulfonic acid (PFPeS)	0.226	0.199		ug/Kg		88	55 - 160
Perfluorohexanesulfonic acid (PFHxS)	0.219	0.199		ug/Kg		91	60 - 150
Perfluoroheptanesulfonic acid (PFHpS)	0.229	0.221		ug/Kg		96	65 - 155

Method: 1633A - Per- and Polyfluoroalkyl Substances by LC/MS/MS, 1633A (Continued)

Lab Sample ID: LLCS 410-714115/4-A
Matrix: Solid
Analysis Batch: 714967

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 714115

Analyte	Spike Added	LLCS Result	LLCS Qualifier	Unit	D	%Rec	%Rec Limits
Perfluorooctanesulfonic acid (PFOS)	0.224	0.221		ug/Kg		99	65 - 160
Perfluorononanesulfonic acid (PFNS)	0.231	0.183	J	ug/Kg		79	55 - 140
Perfluorodecanesulfonic acid (PFDS)	0.232	0.164	J	ug/Kg		71	40 - 155
Perfluorododecanesulfonic acid (PFDoS)	0.233	0.19	U	ug/Kg		32	25 - 160
1H,1H,2H,2H-Perfluorohexane sulfonic acid (4:2 FTS)	0.451	0.419		ug/Kg		93	60 - 150
1H,1H,2H,2H-Perfluorooctane sulfonic acid (6:2 FTS)	0.458	0.431		ug/Kg		94	55 - 200
1H,1H,2H,2H-Perfluorodecane sulfonic acid (8:2 FTS)	0.462	0.431		ug/Kg		93	70 - 150
Perfluorooctanesulfonamide (PFOSA)	0.240	0.237		ug/Kg		99	70 - 140
N-methylperfluorooctane sulfonamide (NMeFOSA)	0.240	0.211		ug/Kg		88	70 - 155
N-ethylperfluorooctane sulfonamide (NEtFOSA)	0.240	0.209		ug/Kg		87	70 - 140
N-methylperfluorooctanesulfonamidoacetic acid (NMeFOSAA)	0.240	0.159	J	ug/Kg		66	65 - 155
N-ethylperfluorooctanesulfonamidoacetic acid (NEtFOSAA)	0.240	0.242		ug/Kg		101	65 - 165
N-methylperfluorooctane sulfonamidoethanol (NMeFOSE)	1.20	1.365		ug/Kg		114	70 - 140
N-ethylperfluorooctane sulfonamidoethanol (NEtFOSE)	1.20	1.395		ug/Kg		116	70 - 135
Hexafluoropropylene Oxide Dimer Acid (HFPO-DA)	0.180	0.187	J	ug/Kg		104	70 - 145
4,8-Dioxa-3H-perfluorononanoic acid (ADONA)	0.227	0.227		ug/Kg		100	70 - 160
Perfluoro-3-methoxypropanoic acid (PFMPA)	0.240	0.220		ug/Kg		91	30 - 140
Perfluoro-4-methoxybutanoic acid (PFMBA)	0.240	0.217		ug/Kg		90	60 - 150
Nonafluoro-3,6-dioxaheptanoic acid (NFDHA)	0.240	0.245		ug/Kg		102	60 - 155
9-Chlorohexadecafluoro-3-oxanonane-1-sulfonic acid (9Cl-PF3ONS)	0.225	0.209		ug/Kg		93	70 - 150
11-Chloroeicosafluoro-3-oxaundecane-1-sulfonic acid (11Cl-PF3OUdS)	0.227	0.178	J	ug/Kg		79	45 - 160
Perfluoro (2-ethoxyethane) sulfonic acid (PFEESA)	0.214	0.183	J	ug/Kg		86	70 - 140
3-Perfluoropropylpropanoic acid (3:3 FTCA)	0.481	0.370	J	ug/Kg		77	45 - 130
3-Perfluoropentylpropanoic acid (5:3 FTCA)	1.20	1.006		ug/Kg		84	60 - 130
3-Perfluoroheptylpropanoic acid (7:3 FTCA)	1.20	0.989		ug/Kg		82	60 - 150

Isotope Dilution	*LLCS %Recovery*	*LLCS Qualifier*	*Limits*
13C4 PFBA	*81.4*		*8 - 130*

Method: 1633A - Per- and Polyfluoroalkyl Substances by LC/MS/MS, 1633A (Continued)

Lab Sample ID: LLCS 410-714115/4-A
Matrix: Solid
Analysis Batch: 714967

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 714115

Isotope Dilution	LLCS %Recovery	LLCS Qualifier	Limits
13C5 PFPeA	82.8		35 - 130
13C5 PFHxA	86.3		40 - 130
13C4 PFHpA	90.4		40 - 130
13C8 PFOA	82.9		40 - 130
13C9 PFNA	83.4		40 - 130
13C6 PFDA	76.7		40 - 130
13C7 PFUnA	73.5		40 - 130
13C2 PFTeDA	33.4		20 - 130
13C3 PFBS	82.4		40 - 135
13C3 PFHxS	79.1		40 - 130
13C8 PFOS	68.4		40 - 130
13C8 FOSA	70.0		40 - 130
d3-NMeFOSAA	81.6		40 - 135
d5-NEtFOSAA	82.9		40 - 150
13C2 4:2 FTS	96.3		40 - 165
13C2 6:2 FTS	92.9		40 - 215
13C2 8:2 FTS	80.3		40 - 275
13C3 HFPO-DA	85.7		40 - 130
d7-N-MeFOSE-M	49.6		20 - 130
d9-N-EtFOSE-M	38.3		15 - 130
d5-NEtPFOSA	60.2		10 - 130
d3-NMePFOSA	69.1		10 - 130
13C2 PFDoA	62.3		40 - 130

Lab Sample ID: MB 410-714441/1-A
Matrix: Solid
Analysis Batch: 715116

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 714441

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Perfluorobutanoic acid (PFBA)	0.40	U	0.40	0.10	ug/Kg		10/15/25 14:07	10/17/25 11:26	1
Perfluoropentanoic acid (PFPeA)	0.20	U	0.20	0.10	ug/Kg		10/15/25 14:07	10/17/25 11:26	1
Perfluorohexanoic acid (PFHxA)	0.20	U	0.20	0.10	ug/Kg		10/15/25 14:07	10/17/25 11:26	1
Perfluoroheptanoic acid (PFHpA)	0.20	U	0.20	0.10	ug/Kg		10/15/25 14:07	10/17/25 11:26	1
Perfluorooctanoic acid (PFOA)	0.20	U	0.20	0.060	ug/Kg		10/15/25 14:07	10/17/25 11:26	1
Perfluorononanoic acid (PFNA)	0.20	U	0.20	0.10	ug/Kg		10/15/25 14:07	10/17/25 11:26	1
Perfluorodecanoic acid (PFDA)	0.20	U	0.20	0.060	ug/Kg		10/15/25 14:07	10/17/25 11:26	1
Perfluoroundecanoic acid (PFUnA)	0.20	U	0.20	0.10	ug/Kg		10/15/25 14:07	10/17/25 11:26	1
Perfluorododecanoic acid (PFDoA)	0.20	U	0.20	0.10	ug/Kg		10/15/25 14:07	10/17/25 11:26	1
Perfluorotridecanoic acid (PFTrDA)	0.20	U	0.20	0.10	ug/Kg		10/15/25 14:07	10/17/25 11:26	1
Perfluorotetradecanoic acid (PFTeDA)	0.20	U	0.20	0.10	ug/Kg		10/15/25 14:07	10/17/25 11:26	1
Perfluorobutanesulfonic acid (PFBS)	0.20	U	0.20	0.10	ug/Kg		10/15/25 14:07	10/17/25 11:26	1
Perfluoropentanesulfonic acid (PFPeS)	0.20	U	0.20	0.10	ug/Kg		10/15/25 14:07	10/17/25 11:26	1
Perfluorohexanesulfonic acid (PFHxS)	0.20	U	0.20	0.10	ug/Kg		10/15/25 14:07	10/17/25 11:26	1
Perfluoroheptanesulfonic acid (PFHpS)	0.20	U	0.20	0.10	ug/Kg		10/15/25 14:07	10/17/25 11:26	1
Perfluorooctanesulfonic acid (PFOS)	0.20	U	0.20	0.10	ug/Kg		10/15/25 14:07	10/17/25 11:26	1
Perfluorononanesulfonic acid (PFNS)	0.20	U	0.20	0.10	ug/Kg		10/15/25 14:07	10/17/25 11:26	1
Perfluorodecanesulfonic acid (PFDS)	0.20	U	0.20	0.10	ug/Kg		10/15/25 14:07	10/17/25 11:26	1

Method: 1633A - Per- and Polyfluoroalkyl Substances by LC/MS/MS, 1633A (Continued)

Lab Sample ID: MB 410-714441/1-A
Matrix: Solid
Analysis Batch: 715116

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 714441

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Perfluorododecanesulfonic acid (PFDoS)	0.20	U	0.20	0.10	ug/Kg		10/15/25 14:07	10/17/25 11:26	1
1H,1H,2H,2H-Perfluorohexane sulfonic acid (4:2 FTS)	0.40	U	0.40	0.20	ug/Kg		10/15/25 14:07	10/17/25 11:26	1
1H,1H,2H,2H-Perfluorooctane sulfonic acid (6:2 FTS)	0.40	U	0.40	0.20	ug/Kg		10/15/25 14:07	10/17/25 11:26	1
1H,1H,2H,2H-Perfluorodecane sulfonic acid (8:2 FTS)	0.40	U	0.40	0.20	ug/Kg		10/15/25 14:07	10/17/25 11:26	1
Perfluorooctanesulfonamide (PFOSA)	0.20	U	0.20	0.10	ug/Kg		10/15/25 14:07	10/17/25 11:26	1
N-methylperfluorooctane sulfonamide (NMeFOSA)	0.20	U	0.20	0.10	ug/Kg		10/15/25 14:07	10/17/25 11:26	1
N-ethylperfluorooctane sulfonamide (NEtFOSA)	0.20	U	0.20	0.10	ug/Kg		10/15/25 14:07	10/17/25 11:26	1
N-methylperfluorooctanesulfonamidoacetic acid (NMeFOSAA)	0.20	U	0.20	0.10	ug/Kg		10/15/25 14:07	10/17/25 11:26	1
N-ethylperfluorooctanesulfonamidoacetic acid (NEtFOSAA)	0.20	U	0.20	0.10	ug/Kg		10/15/25 14:07	10/17/25 11:26	1
N-methylperfluorooctane sulfonamidoethanol (NMeFOSE)	1.00	U	1.00	0.50	ug/Kg		10/15/25 14:07	10/17/25 11:26	1
N-ethylperfluorooctane sulfonamidoethanol (NEtFOSE)	1.00	U	1.00	0.50	ug/Kg		10/15/25 14:07	10/17/25 11:26	1
Hexafluoropropylene Oxide Dimer Acid (HFPO-DA)	0.20	U	0.20	0.10	ug/Kg		10/15/25 14:07	10/17/25 11:26	1
4,8-Dioxa-3H-perfluorononanoic acid (ADONA)	0.20	U	0.20	0.10	ug/Kg		10/15/25 14:07	10/17/25 11:26	1
Perfluoro-3-methoxypropanoic acid (PFMPA)	0.20	U	0.20	0.10	ug/Kg		10/15/25 14:07	10/17/25 11:26	1
Perfluoro-4-methoxybutanoic acid (PFMBA)	0.20	U	0.20	0.10	ug/Kg		10/15/25 14:07	10/17/25 11:26	1
Nonafluoro-3,6-dioxaheptanoic acid (NFDHA)	0.20	U	0.20	0.10	ug/Kg		10/15/25 14:07	10/17/25 11:26	1
9-Chlorohexadecafluoro-3-oxanonane-1-sulfonic acid (9Cl-PF3ONS)	0.20	U	0.20	0.10	ug/Kg		10/15/25 14:07	10/17/25 11:26	1
11-Chloroeicosafluoro-3-oxaundecane-1-sulfonic acid (11Cl-PF3OUdS)	0.20	U	0.20	0.10	ug/Kg		10/15/25 14:07	10/17/25 11:26	1
Perfluoro (2-ethoxyethane) sulfonic acid (PFEESA)	0.20	U	0.20	0.10	ug/Kg		10/15/25 14:07	10/17/25 11:26	1
3-Perfluoropropylpropanoic acid (3:3 FTCA)	0.40	U	0.40	0.20	ug/Kg		10/15/25 14:07	10/17/25 11:26	1
3-Perfluoropentylpropanoic acid (5:3 FTCA)	1.00	U	1.00	0.50	ug/Kg		10/15/25 14:07	10/17/25 11:26	1
3-Perfluoroheptylpropanoic acid (7:3 FTCA)	1.00	U	1.00	0.50	ug/Kg		10/15/25 14:07	10/17/25 11:26	1

Isotope Dilution	*MB %Recovery*	*MB Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
13C4 PFBA	*99.2*		*8 - 130*	*10/15/25 14:07*	*10/17/25 11:26*	*1*
13C5 PFPeA	*97.7*		*35 - 130*	*10/15/25 14:07*	*10/17/25 11:26*	*1*
13C5 PFHxA	*104*		*40 - 130*	*10/15/25 14:07*	*10/17/25 11:26*	*1*
13C4 PFHpA	*99.6*		*40 - 130*	*10/15/25 14:07*	*10/17/25 11:26*	*1*
13C8 PFOA	*98.6*		*40 - 130*	*10/15/25 14:07*	*10/17/25 11:26*	*1*
13C9 PFNA	*94.4*		*40 - 130*	*10/15/25 14:07*	*10/17/25 11:26*	*1*
13C6 PFDA	*94.0*		*40 - 130*	*10/15/25 14:07*	*10/17/25 11:26*	*1*
13C7 PFUnA	*83.5*		*40 - 130*	*10/15/25 14:07*	*10/17/25 11:26*	*1*
13C2 PFTeDA	*55.4*		*20 - 130*	*10/15/25 14:07*	*10/17/25 11:26*	*1*

Method: 1633A - Per- and Polyfluoroalkyl Substances by LC/MS/MS, 1633A (Continued)

Lab Sample ID: MB 410-714441/1-A
Matrix: Solid
Analysis Batch: 715116

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 714441

Isotope Dilution	MB %Recovery	MB Qualifier	Limits	Prepared	Analyzed	Dil Fac
13C3 PFBS	96.6		40 - 135	10/15/25 14:07	10/17/25 11:26	1
13C3 PFHxS	98.9		40 - 130	10/15/25 14:07	10/17/25 11:26	1
13C8 PFOS	85.7		40 - 130	10/15/25 14:07	10/17/25 11:26	1
13C8 FOSA	88.3		40 - 130	10/15/25 14:07	10/17/25 11:26	1
d3-NMeFOSAA	82.9		40 - 135	10/15/25 14:07	10/17/25 11:26	1
d5-NEtFOSAA	83.4		40 - 150	10/15/25 14:07	10/17/25 11:26	1
13C2 4:2 FTS	103		40 - 165	10/15/25 14:07	10/17/25 11:26	1
13C2 6:2 FTS	107		40 - 215	10/15/25 14:07	10/17/25 11:26	1
13C2 8:2 FTS	104		40 - 275	10/15/25 14:07	10/17/25 11:26	1
13C3 HFPO-DA	103		40 - 130	10/15/25 14:07	10/17/25 11:26	1
d7-N-MeFOSE-M	58.3		20 - 130	10/15/25 14:07	10/17/25 11:26	1
d9-N-EtFOSE-M	41.7		15 - 130	10/15/25 14:07	10/17/25 11:26	1
d5-NEtPFOSA	63.2		10 - 130	10/15/25 14:07	10/17/25 11:26	1
d3-NMePFOSA	74.0		10 - 130	10/15/25 14:07	10/17/25 11:26	1
13C2 PFDoA	76.6		40 - 130	10/15/25 14:07	10/17/25 11:26	1

Lab Sample ID: LCS 410-714441/2-A
Matrix: Solid
Analysis Batch: 715116

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 714441

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
Perfluorobutanoic acid (PFBA)	5.00	4.801		ug/Kg		96	70 - 140
Perfluoropentanoic acid (PFPeA)	2.50	2.363		ug/Kg		95	60 - 150
Perfluorohexanoic acid (PFHxA)	2.50	2.298		ug/Kg		92	65 - 140
Perfluoroheptanoic acid (PFHpA)	2.50	2.304		ug/Kg		92	65 - 145
Perfluorooctanoic acid (PFOA)	2.50	2.393		ug/Kg		96	70 - 150
Perfluorononanoic acid (PFNA)	2.50	2.537		ug/Kg		101	70 - 155
Perfluorodecanoic acid (PFDA)	2.50	2.399		ug/Kg		96	70 - 155
Perfluoroundecanoic acid (PFUnA)	2.50	2.238		ug/Kg		90	70 - 155
Perfluorododecanoic acid (PFDoA)	2.50	2.359		ug/Kg		94	70 - 150
Perfluorotridecanoic acid (PFTrDA)	2.50	2.361		ug/Kg		94	65 - 150
Perfluorotetradecanoic acid (PFTeDA)	2.50	2.647		ug/Kg		106	65 - 150
Perfluorobutanesulfonic acid (PFBS)	2.22	2.264		ug/Kg		102	65 - 145
Perfluoropentanesulfonic acid (PFPeS)	2.35	2.168		ug/Kg		92	55 - 160
Perfluorohexanesulfonic acid (PFHxS)	2.28	2.102		ug/Kg		92	60 - 150
Perfluoroheptanesulfonic acid (PFHpS)	2.39	2.494		ug/Kg		105	65 - 155
Perfluorooctanesulfonic acid (PFOS)	2.33	2.300		ug/Kg		99	65 - 160
Perfluorononanesulfonic acid (PFNS)	2.41	2.388		ug/Kg		99	55 - 140
Perfluorodecanesulfonic acid (PFDS)	2.41	2.147		ug/Kg		89	40 - 155
Perfluorododecanesulfonic acid (PFDoS)	2.43	1.682		ug/Kg		69	25 - 160

Method: 1633A - Per- and Polyfluoroalkyl Substances by LC/MS/MS, 1633A (Continued)

Lab Sample ID: LCS 410-714441/2-A
Matrix: Solid
Analysis Batch: 715116

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 714441

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
1H,1H,2H,2H-Perfluorohexane sulfonic acid (4:2 FTS)	4.69	4.815		ug/Kg		103	60 - 150
1H,1H,2H,2H-Perfluorooctane sulfonic acid (6:2 FTS)	4.76	4.607		ug/Kg		97	55 - 200
1H,1H,2H,2H-Perfluorodecane sulfonic acid (8:2 FTS)	4.80	4.439		ug/Kg		92	70 - 150
Perfluorooctanesulfonamide (PFOSA)	2.50	2.487		ug/Kg		99	70 - 140
N-methylperfluorooctane sulfonamide (NMeFOSA)	2.50	2.460		ug/Kg		98	70 - 155
N-ethylperfluorooctane sulfonamide (NEtFOSA)	2.50	2.612		ug/Kg		104	70 - 140
N-methylperfluorooctanesulfonamidoacetic acid (NMeFOSAA)	2.50	2.481		ug/Kg		99	65 - 155
N-ethylperfluorooctanesulfonamidoacetic acid (NEtFOSAA)	2.50	2.406		ug/Kg		96	65 - 165
N-methylperfluorooctane sulfonamidoethanol (NMeFOSE)	12.5	11.47		ug/Kg		92	70 - 140
N-ethylperfluorooctane sulfonamidoethanol (NEtFOSE)	12.5	13.13		ug/Kg		105	70 - 135
Hexafluoropropylene Oxide Dimer Acid (HFPO-DA)	1.88	1.720		ug/Kg		92	70 - 145
4,8-Dioxa-3H-perfluorononanoic acid (ADONA)	2.37	2.400		ug/Kg		101	70 - 160
Perfluoro-3-methoxypropanoic acid (PFMPA)	2.50	2.845		ug/Kg		114	30 - 140
Perfluoro-4-methoxybutanoic acid (PFMBA)	2.50	2.434		ug/Kg		97	60 - 150
Nonafluoro-3,6-dioxaheptanoic acid (NFDHA)	2.50	2.341		ug/Kg		94	60 - 155
9-Chlorohexadecafluoro-3-oxanonane-1-sulfonic acid (9Cl-PF3ONS)	2.34	2.259		ug/Kg		97	70 - 150
11-Chloroeicosafluoro-3-oxaundecane-1-sulfonic acid (11Cl-PF3OUdS)	2.36	1.978		ug/Kg		84	45 - 160
Perfluoro (2-ethoxyethane) sulfonic acid (PFEESA)	2.23	2.104		ug/Kg		94	70 - 140
3-Perfluoropropylpropanoic acid (3:3 FTCA)	5.00	5.878		ug/Kg		118	45 - 130
3-Perfluoropentylpropanoic acid (5:3 FTCA)	12.5	10.52		ug/Kg		84	60 - 130
3-Perfluoroheptylpropanoic acid (7:3 FTCA)	12.5	10.83		ug/Kg		87	60 - 150

Isotope Dilution	*LCS %Recovery*	*LCS Qualifier*	*Limits*
13C4 PFBA	*93.7*		*8 - 130*
13C5 PFPeA	*94.7*		*35 - 130*
13C5 PFHxA	*101*		*40 - 130*
13C4 PFHpA	*95.6*		*40 - 130*
13C8 PFOA	*93.1*		*40 - 130*
13C9 PFNA	*90.3*		*40 - 130*
13C6 PFDA	*86.2*		*40 - 130*
13C7 PFUnA	*78.7*		*40 - 130*

Method: 1633A - Per- and Polyfluoroalkyl Substances by LC/MS/MS, 1633A (Continued)

Lab Sample ID: LCS 410-714441/2-A
Matrix: Solid
Analysis Batch: 715116

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 714441

Isotope Dilution	*LCS %Recovery*	*LCS Qualifier*	*Limits*
13C2 PFTeDA	*50.4*		*20 - 130*
13C3 PFBS	*90.2*		*40 - 135*
13C3 PFHxS	*98.8*		*40 - 130*
13C8 PFOS	*85.2*		*40 - 130*
13C8 FOSA	*83.6*		*40 - 130*
d3-NMeFOSAA	*74.8*		*40 - 135*
d5-NEtFOSAA	*77.1*		*40 - 150*
13C2 4:2 FTS	*96.0*		*40 - 165*
13C2 6:2 FTS	*97.6*		*40 - 215*
13C2 8:2 FTS	*94.4*		*40 - 275*
13C3 HFPO-DA	*97.9*		*40 - 130*
d7-N-MeFOSE-M	*51.4*		*20 - 130*
d9-N-EtFOSE-M	*39.4*		*15 - 130*
d5-NEtPFOSA	*60.1*		*10 - 130*
d3-NMePFOSA	*69.2*		*10 - 130*
13C2 PFDoA	*73.1*		*40 - 130*

Lab Sample ID: LCSD 410-714441/3-A
Matrix: Solid
Analysis Batch: 715116

Client Sample ID: Lab Control Sample Dup
Prep Type: Total/NA
Prep Batch: 714441

Analyte			Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Perfluorobutanoic acid (PFBA)			5.00	4.947		ug/Kg		99	70 - 140	3	30
Perfluoropentanoic acid (PFPeA)			2.50	2.468		ug/Kg		99	60 - 150	4	30
Perfluorohexanoic acid (PFHxA)			2.50	2.319		ug/Kg		93	65 - 140	1	30
Perfluoroheptanoic acid (PFHpA)			2.50	2.140		ug/Kg		86	65 - 145	7	30
Perfluorooctanoic acid (PFOA)			2.50	2.441		ug/Kg		98	70 - 150	2	30
Perfluorononanoic acid (PFNA)			2.50	2.576		ug/Kg		103	70 - 155	2	30
Perfluorodecanoic acid (PFDA)			2.50	2.495		ug/Kg		100	70 - 155	4	30
Perfluoroundecanoic acid (PFUnA)			2.50	2.356		ug/Kg		94	70 - 155	5	30
Perfluorododecanoic acid (PFDoA)			2.50	2.340		ug/Kg		94	70 - 150	1	30
Perfluorotridecanoic acid (PFTrDA)			2.50	2.485		ug/Kg		99	65 - 150	5	30
Perfluorotetradecanoic acid (PFTeDA)			2.50	2.672		ug/Kg		107	65 - 150	1	30
Perfluorobutanesulfonic acid (PFBS)			2.22	2.237		ug/Kg		101	65 - 145	1	30
Perfluoropentanesulfonic acid (PFPeS)			2.35	2.293		ug/Kg		98	55 - 160	6	30
Perfluorohexanesulfonic acid (PFHxS)			2.28	2.080		ug/Kg		91	60 - 150	1	30
Perfluoroheptanesulfonic acid (PFHpS)			2.39	2.494		ug/Kg		105	65 - 155	0	30
Perfluorooctanesulfonic acid (PFOS)			2.33	2.346		ug/Kg		101	65 - 160	2	30
Perfluorononanesulfonic acid (PFNS)			2.41	2.479		ug/Kg		103	55 - 140	4	30
Perfluorodecanesulfonic acid (PFDS)			2.41	2.330		ug/Kg		97	40 - 155	8	30

Method: 1633A - Per- and Polyfluoroalkyl Substances by LC/MS/MS, 1633A (Continued)

Lab Sample ID: LCSD 410-714441/3-A
Matrix: Solid
Analysis Batch: 715116

Client Sample ID: Lab Control Sample Dup
Prep Type: Total/NA
Prep Batch: 714441

Analyte			Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Perfluorododecanesulfonic acid (PFDoS)			2.43	1.948		ug/Kg		80	25 - 160	15	30
1H,1H,2H,2H-Perfluorohexane sulfonic acid (4:2 FTS)			4.69	4.727		ug/Kg		101	60 - 150	2	30
1H,1H,2H,2H-Perfluorooctane sulfonic acid (6:2 FTS)			4.76	4.483		ug/Kg		94	55 - 200	3	30
1H,1H,2H,2H-Perfluorodecane sulfonic acid (8:2 FTS)			4.80	4.627		ug/Kg		96	70 - 150	4	30
Perfluorooctanesulfonamide (PFOSA)			2.50	2.520		ug/Kg		101	70 - 140	1	30
N-methylperfluorooctane sulfonamide (NMeFOSA)			2.50	2.463		ug/Kg		99	70 - 155	0	30
N-ethylperfluorooctane sulfonamide (NEtFOSA)			2.50	2.468		ug/Kg		99	70 - 140	6	30
N-methylperfluorooctanesulfonamidoacetic acid (NMeFOSAA)			2.50	2.571		ug/Kg		103	65 - 155	4	30
N-ethylperfluorooctanesulfonamidoacetic acid (NEtFOSAA)			2.50	2.481		ug/Kg		99	65 - 165	3	30
N-methylperfluorooctane sulfonamidoethanol (NMeFOSE)			12.5	12.21		ug/Kg		98	70 - 140	6	30
N-ethylperfluorooctane sulfonamidoethanol (NEtFOSE)			12.5	12.42		ug/Kg		99	70 - 135	6	30
Hexafluoropropylene Oxide Dimer Acid (HFPO-DA)			1.88	1.593		ug/Kg		85	70 - 145	8	30
4,8-Dioxa-3H-perfluorononanoic acid (ADONA)			2.37	2.335		ug/Kg		99	70 - 160	3	30
Perfluoro-3-methoxypropanoic acid (PFMPA)			2.50	2.789		ug/Kg		112	30 - 140	2	30
Perfluoro-4-methoxybutanoic acid (PFMBA)			2.50	2.439		ug/Kg		98	60 - 150	0	30
Nonafluoro-3,6-dioxaheptanoic acid (NFDHA)			2.50	2.456		ug/Kg		98	60 - 155	5	30
9-Chlorohexadecafluoro-3-oxanonane-1-sulfonic acid (9Cl-PF3ONS)			2.34	2.391		ug/Kg		102	70 - 150	6	30
11-Chloroeicosafluoro-3-oxaundecane-1-sulfonic acid (11Cl-PF3OUdS)			2.36	2.181		ug/Kg		92	45 - 160	10	30
Perfluoro (2-ethoxyethane) sulfonic acid (PFEESA)			2.23	2.230		ug/Kg		100	70 - 140	6	30
3-Perfluoropropylpropanoic acid (3:3 FTCA)			5.00	5.644		ug/Kg		113	45 - 130	4	30
3-Perfluoropentylpropanoic acid (5:3 FTCA)			12.5	11.10		ug/Kg		89	60 - 130	5	30
3-Perfluoroheptylpropanoic acid (7:3 FTCA)			12.5	10.34		ug/Kg		83	60 - 150	5	30

Isotope Dilution	*LCSD %Recovery*	*LCSD Qualifier*	*Limits*
13C4 PFBA	*95.3*		*8 - 130*
13C5 PFPeA	*96.8*		*35 - 130*
13C5 PFHxA	*98.9*		*40 - 130*
13C4 PFHpA	*102*		*40 - 130*
13C8 PFOA	*95.6*		*40 - 130*
13C9 PFNA	*92.9*		*40 - 130*

Method: 1633A - Per- and Polyfluoroalkyl Substances by LC/MS/MS, 1633A (Continued)

Lab Sample ID: LCSD 410-714441/3-A
Matrix: Solid
Analysis Batch: 715116

Client Sample ID: Lab Control Sample Dup
Prep Type: Total/NA
Prep Batch: 714441

Isotope Dilution	*LCSD %Recovery*	*LCSD Qualifier*	*Limits*
13C6 PFDA	*89.7*		*40 - 130*
13C7 PFUnA	*89.3*		*40 - 130*
13C2 PFTeDA	*65.7*		*20 - 130*
13C3 PFBS	*88.8*		*40 - 135*
13C3 PFHxS	*96.1*		*40 - 130*
13C8 PFOS	*87.3*		*40 - 130*
13C8 FOSA	*88.9*		*40 - 130*
d3-NMeFOSAA	*81.0*		*40 - 135*
d5-NEtFOSAA	*80.4*		*40 - 150*
13C2 4:2 FTS	*92.6*		*40 - 165*
13C2 6:2 FTS	*100*		*40 - 215*
13C2 8:2 FTS	*92.6*		*40 - 275*
13C3 HFPO-DA	*98.5*		*40 - 130*
d7-N-MeFOSE-M	*56.5*		*20 - 130*
d9-N-EtFOSE-M	*51.2*		*15 - 130*
d5-NEtPFOSA	*64.3*		*10 - 130*
d3-NMePFOSA	*74.4*		*10 - 130*
13C2 PFDoA	*85.2*		*40 - 130*

Lab Sample ID: LLCS 410-714441/4-A
Matrix: Solid
Analysis Batch: 715116

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 714441

Analyte	Spike Added	LLCS Result	LLCS Qualifier	Unit	D	%Rec	%Rec Limits
Perfluorobutanoic acid (PFBA)	0.500	0.429		ug/Kg		86	70 - 140
Perfluoropentanoic acid (PFPeA)	0.250	0.222		ug/Kg		89	60 - 150
Perfluorohexanoic acid (PFHxA)	0.250	0.241		ug/Kg		96	65 - 140
Perfluoroheptanoic acid (PFHpA)	0.250	0.220		ug/Kg		88	65 - 145
Perfluorooctanoic acid (PFOA)	0.250	0.243		ug/Kg		97	70 - 150
Perfluorononanoic acid (PFNA)	0.250	0.221		ug/Kg		88	70 - 155
Perfluorodecanoic acid (PFDA)	0.250	0.208		ug/Kg		83	70 - 155
Perfluoroundecanoic acid (PFUnA)	0.250	0.206		ug/Kg		82	70 - 155
Perfluorododecanoic acid (PFDoA)	0.250	0.222		ug/Kg		89	70 - 150
Perfluorotridecanoic acid (PFTrDA)	0.250	0.240		ug/Kg		96	65 - 150
Perfluorotetradecanoic acid (PFTeDA)	0.250	0.276		ug/Kg		111	65 - 150
Perfluorobutanesulfonic acid (PFBS)	0.222	0.197	J	ug/Kg		89	65 - 145
Perfluoropentanesulfonic acid (PFPeS)	0.235	0.196	J	ug/Kg		83	55 - 160
Perfluorohexanesulfonic acid (PFHxS)	0.228	0.199	J	ug/Kg		87	60 - 150
Perfluoroheptanesulfonic acid (PFHpS)	0.239	0.216		ug/Kg		91	65 - 155
Perfluorooctanesulfonic acid (PFOS)	0.233	0.220		ug/Kg		95	65 - 160
Perfluorononanesulfonic acid (PFNS)	0.241	0.221		ug/Kg		92	55 - 140

Method: 1633A - Per- and Polyfluoroalkyl Substances by LC/MS/MS, 1633A (Continued)

Lab Sample ID: LLCS 410-714441/4-A
Matrix: Solid
Analysis Batch: 715116

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 714441

Analyte	Spike Added	LLCS Result	LLCS Qualifier	Unit	D	%Rec	%Rec Limits
Perfluorodecanesulfonic acid (PFDS)	0.241	0.196	J	ug/Kg		82	40 - 155
Perfluorododecanesulfonic acid (PFDoS)	0.243	0.164	J	ug/Kg		68	25 - 160
1H,1H,2H,2H-Perfluorohexane sulfonic acid (4:2 FTS)	0.469	0.436		ug/Kg		93	60 - 150
1H,1H,2H,2H-Perfluorooctane sulfonic acid (6:2 FTS)	0.476	0.413		ug/Kg		87	55 - 200
1H,1H,2H,2H-Perfluorodecane sulfonic acid (8:2 FTS)	0.480	0.429		ug/Kg		89	70 - 150
Perfluorooctanesulfonamide (PFOSA)	0.250	0.252		ug/Kg		101	70 - 140
N-methylperfluorooctane sulfonamide (NMeFOSA)	0.250	0.209		ug/Kg		84	70 - 155
N-ethylperfluorooctane sulfonamide (NEtFOSA)	0.250	0.223		ug/Kg		89	70 - 140
N-methylperfluorooctanesulfonamidoacetic acid (NMeFOSAA)	0.250	0.165	J	ug/Kg		66	65 - 155
N-ethylperfluorooctanesulfonamidoacetic acid (NEtFOSAA)	0.250	0.209		ug/Kg		84	65 - 165
N-methylperfluorooctane sulfonamidoethanol (NMeFOSE)	1.25	1.183		ug/Kg		95	70 - 140
N-ethylperfluorooctane sulfonamidoethanol (NEtFOSE)	1.25	1.248		ug/Kg		100	70 - 135
Hexafluoropropylene Oxide Dimer Acid (HFPO-DA)	0.188	0.156	J	ug/Kg		83	70 - 145
4,8-Dioxa-3H-perfluorononanoic acid (ADONA)	0.237	0.229		ug/Kg		97	70 - 160
Perfluoro-3-methoxypropanoic acid (PFMPA)	0.250	0.241		ug/Kg		96	30 - 140
Perfluoro-4-methoxybutanoic acid (PFMBA)	0.250	0.217		ug/Kg		87	60 - 150
Nonafluoro-3,6-dioxaheptanoic acid (NFDHA)	0.250	0.220		ug/Kg		88	60 - 155
9-Chlorohexadecafluoro-3-oxanonane-1-sulfonic acid (9Cl-PF3ONS)	0.234	0.233		ug/Kg		100	70 - 150
11-Chloroeicosafluoro-3-oxaundecane-1-sulfonic acid (11Cl-PF3OUdS)	0.236	0.202		ug/Kg		85	45 - 160
Perfluoro (2-ethoxyethane) sulfonic acid (PFEESA)	0.223	0.183	J	ug/Kg		82	70 - 140
3-Perfluoropropylpropanoic acid (3:3 FTCA)	0.500	0.516		ug/Kg		103	45 - 130
3-Perfluoropentylpropanoic acid (5:3 FTCA)	1.25	1.162		ug/Kg		93	60 - 130
3-Perfluoroheptylpropanoic acid (7:3 FTCA)	1.25	0.928	J	ug/Kg		74	60 - 150

Isotope Dilution	*LLCS %Recovery*	*LLCS Qualifier*	*Limits*
13C4 PFBA	*92.3*		*8 - 130*
13C5 PFPeA	*97.2*		*35 - 130*
13C5 PFHxA	*97.8*		*40 - 130*
13C4 PFHpA	*100*		*40 - 130*
13C8 PFOA	*93.5*		*40 - 130*

Method: 1633A - Per- and Polyfluoroalkyl Substances by LC/MS/MS, 1633A (Continued)

Lab Sample ID: LLCS 410-714441/4-A
Matrix: Solid
Analysis Batch: 715116

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 714441

Isotope Dilution	LLCS %Recovery	LLCS Qualifier	Limits
13C9 PFNA	93.1		40 - 130
13C6 PFDA	97.8		40 - 130
13C7 PFUnA	89.9		40 - 130
13C2 PFTeDA	62.1		20 - 130
13C3 PFBS	89.0		40 - 135
13C3 PFHxS	94.7		40 - 130
13C8 PFOS	84.3		40 - 130
13C8 FOSA	86.3		40 - 130
d3-NMeFOSAA	76.3		40 - 135
d5-NEtFOSAA	74.2		40 - 150
13C2 4:2 FTS	92.4		40 - 165
13C2 6:2 FTS	99.7		40 - 215
13C2 8:2 FTS	89.5		40 - 275
13C3 HFPO-DA	100		40 - 130
d7-N-MeFOSE-M	63.0		20 - 130
d9-N-EtFOSE-M	47.0		15 - 130
d5-NEtPFOSA	51.7		10 - 130
d3-NMePFOSA	60.6		10 - 130
13C2 PFDoA	78.7		40 - 130

Method: 6020B - Metals (ICP/MS)

Lab Sample ID: MB 460-1067838/1-A
Matrix: Solid
Analysis Batch: 1067979

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 1067838

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Aluminum	20.0	U	20.0	5.5	mg/Kg		10/12/25 19:15	10/13/25 13:49	1
Antimony	1.0	U	1.0	0.15	mg/Kg		10/12/25 19:15	10/13/25 13:49	1
Arsenic	1.0	U	1.0	0.10	mg/Kg		10/12/25 19:15	10/13/25 13:49	1
Barium	2.0	U	2.0	0.15	mg/Kg		10/12/25 19:15	10/13/25 13:49	1
Beryllium	0.40	U	0.40	0.022	mg/Kg		10/12/25 19:15	10/13/25 13:49	1
Cadmium	1.0	U	1.0	0.11	mg/Kg		10/12/25 19:15	10/13/25 13:49	1
Calcium	100	U	100	9.7	mg/Kg		10/12/25 19:15	10/13/25 13:49	1
Chromium	2.0	U	2.0	0.30	mg/Kg		10/12/25 19:15	10/13/25 13:49	1
Cobalt	1.0	U	1.0	0.15	mg/Kg		10/12/25 19:15	10/13/25 13:49	1
Copper	2.0	U	2.0	0.37	mg/Kg		10/12/25 19:15	10/13/25 13:49	1
Iron	60.0	U	60.0	7.7	mg/Kg		10/12/25 19:15	10/13/25 13:49	1
Lead	0.60	U	0.60	0.20	mg/Kg		10/12/25 19:15	10/13/25 13:49	1
Magnesium	100	U	100	10.2	mg/Kg		10/12/25 19:15	10/13/25 13:49	1
Manganese	4.0	U	4.0	0.40	mg/Kg		10/12/25 19:15	10/13/25 13:49	1
Nickel	2.0	U	2.0	0.18	mg/Kg		10/12/25 19:15	10/13/25 13:49	1
Potassium	100	U	100	16.2	mg/Kg		10/12/25 19:15	10/13/25 13:49	1
Selenium	1.3	U	1.3	0.13	mg/Kg		10/12/25 19:15	10/13/25 13:49	1
Silver	0.40	U	0.40	0.089	mg/Kg		10/12/25 19:15	10/13/25 13:49	1
Sodium	100	U	100	45.7	mg/Kg		10/12/25 19:15	10/13/25 13:49	1
Thallium	0.40	U	0.40	0.041	mg/Kg		10/12/25 19:15	10/13/25 13:49	1
Vanadium	2.0	U	2.0	0.21	mg/Kg		10/12/25 19:15	10/13/25 13:49	1
Zinc	8.0	U	8.0	1.1	mg/Kg		10/12/25 19:15	10/13/25 13:49	1

Method: 6020B - Metals (ICP/MS) (Continued)

Lab Sample ID: LCSSRM 460-1067838/2-A
Matrix: Solid
Analysis Batch: 1067979

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 1067838

Analyte	Spike Added	LCSSRM Result	LCSSRM Qualifier	Unit	D	%Rec	%Rec Limits
Aluminum	6840	5662		mg/Kg		82.8	53.2 - 146.2
Antimony	131	67.84		mg/Kg		51.8	4.5 - 195.4
Arsenic	192	183.4		mg/Kg		95.5	81.3 - 118.8
Barium	219	200.6		mg/Kg		91.6	81.7 - 118.3
Beryllium	146	131.3		mg/Kg		89.9	82.2 - 117.8
Cadmium	114	113.0		mg/Kg		99.2	81.7 - 118.4
Calcium	4080	3867		mg/Kg		94.8	82.4 - 117.6
Chromium	153	152.4		mg/Kg		99.6	81.0 - 119.0
Cobalt	231	230.3		mg/Kg		99.7	83.1 - 117.3
Copper	91.2	90.90		mg/Kg		99.7	83.1 - 117.3
Iron	7020	5986		mg/Kg		85.3	60.7 - 139.2
Lead	141	130.8		mg/Kg		92.8	81.6 - 118.4
Magnesium	1900	1714		mg/Kg		90.2	76.3 - 123.7
Manganese	401	389.0		mg/Kg		97.0	80.8 - 119.0
Nickel	143	145.6		mg/Kg		101.8	81.8 - 118.9
Potassium	1760	1481		mg/Kg		84.1	72.2 - 127.8
Selenium	94.7	96.25		mg/Kg		101.6	78.5 - 121.4
Silver	77.0	71.54		mg/Kg		92.9	79.4 - 120.6
Sodium	661	666.6		mg/Kg		100.9	73.7 - 126.2
Thallium	183	177.8		mg/Kg		97.2	80.3 - 119.7
Vanadium	159	148.2		mg/Kg		93.2	78.6 - 122.0
Zinc	292	295.5		mg/Kg		101.2	79.8 - 120.2

Lab Sample ID: 460-336673-E-3-F MS
Matrix: Solid
Analysis Batch: 1067979

Client Sample ID: Matrix Spike
Prep Type: Total/NA
Prep Batch: 1067838

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec Limits
Aluminum	7770		395	8638	4	mg/Kg	☼	221	75 - 125
Antimony	0.75	J	3.95	3.89		mg/Kg	☼	80	75 - 125
Arsenic	3.9		7.90	10.11		mg/Kg	☼	78	75 - 125
Barium	398		7.90	294.1	4	mg/Kg	☼	-1315	75 - 125
Beryllium	0.38		3.95	3.36		mg/Kg	☼	76	75 - 125

Method: 6020B - Metals (ICP/MS) (Continued)

Lab Sample ID: 460-336673-E-3-F MS
Matrix: Solid
Analysis Batch: 1067979

Client Sample ID: Matrix Spike
Prep Type: Total/NA
Prep Batch: 1067838

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec Limits
Cadmium	0.43	J	3.95	3.55		mg/Kg	☼	79	75 - 125
Calcium	44600		395	45730	4	mg/Kg	☼	276	75 - 125
Chromium	17.4		7.90	24.09		mg/Kg	☼	85	75 - 125
Cobalt	16.9		3.95	16.70	4	mg/Kg	☼	-4	75 - 125
Copper	48.3		7.90	45.79	4	mg/Kg	☼	-32	75 - 125
Iron	14600		395	14970	4	mg/Kg	☼	100	75 - 125
Lead	108		3.95	81.04	4	mg/Kg	☼	-670	75 - 125
Magnesium	7810		395	7878	4	mg/Kg	☼	18	75 - 125
Manganese	229		39.5	242.2	4	mg/Kg	☼	34	75 - 125
Nickel	22.5		7.90	26.34	N	mg/Kg	☼	49	75 - 125
Potassium	2980		395	3423	4	mg/Kg	☼	112	75 - 125
Selenium	0.33	J	7.90	7.01		mg/Kg	☼	85	75 - 125
Silver	0.24	J	3.95	3.33		mg/Kg	☼	78	75 - 125
Sodium	274		395	619.8		mg/Kg	☼	87	75 - 125
Thallium	0.28	J	3.16	2.82		mg/Kg	☼	80	75 - 125
Vanadium	23.1		7.90	29.91		mg/Kg	☼	86	75 - 125
Zinc	297		39.5	279.4	4	mg/Kg	☼	-44	75 - 125

Lab Sample ID: 460-336673-E-3-E DU
Matrix: Solid
Analysis Batch: 1067979

Client Sample ID: Duplicate
Prep Type: Total/NA
Prep Batch: 1067838

Analyte	Sample Result	Sample Qualifier	DU Result	DU Qualifier	Unit	D	RPD	RPD Limit
Aluminum	7770		7267		mg/Kg	☼	7	20
Antimony	0.75	J	0.640	J	mg/Kg	☼	16	20
Arsenic	3.9		3.62		mg/Kg	☼	8	20
Barium	398		305.8	*	mg/Kg	☼	26	20
Beryllium	0.38		0.245	J	mg/Kg	☼	43	20
Cadmium	0.43	J	0.346	J	mg/Kg	☼	22	20
Calcium	44600		47830		mg/Kg	☼	7	20
Chromium	17.4		15.92		mg/Kg	☼	9	20
Cobalt	16.9		11.23	*	mg/Kg	☼	40	20
Copper	48.3		34.44	*	mg/Kg	☼	34	20
Iron	14600		13090		mg/Kg	☼	11	20
Lead	108		162.1	*	mg/Kg	☼	40	20
Magnesium	7810		7596		mg/Kg	☼	3	20
Manganese	229		194.5		mg/Kg	☼	16	20
Nickel	22.5		17.53	*	mg/Kg	☼	25	20
Potassium	2980		2784		mg/Kg	☼	7	20
Selenium	0.33	J	0.279	J	mg/Kg	☼	16	20
Silver	0.24	J	0.261	J	mg/Kg	☼	9	20
Sodium	274		272.9		mg/Kg	☼	0.6	20
Thallium	0.28	J	0.148	J	mg/Kg	☼	63	20
Vanadium	23.1		21.62		mg/Kg	☼	7	20
Zinc	297		360.0		mg/Kg	☼	19	20

Method: 6020B - Metals (ICP/MS) (Continued)

Lab Sample ID: MB 460-1068464/1-A
Matrix: Solid
Analysis Batch: 1068584

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 1068464

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Aluminum	20.0	U	20.0	5.5	mg/Kg		10/15/25 11:04	10/15/25 16:17	1
Antimony	1.0	U	1.0	0.15	mg/Kg		10/15/25 11:04	10/15/25 16:17	1
Arsenic	1.0	U	1.0	0.10	mg/Kg		10/15/25 11:04	10/15/25 16:17	1
Barium	2.0	U	2.0	0.15	mg/Kg		10/15/25 11:04	10/15/25 16:17	1
Beryllium	0.40	U	0.40	0.022	mg/Kg		10/15/25 11:04	10/15/25 16:17	1
Cadmium	1.0	U	1.0	0.11	mg/Kg		10/15/25 11:04	10/15/25 16:17	1
Calcium	100	U	100	9.7	mg/Kg		10/15/25 11:04	10/15/25 16:17	1
Chromium	2.0	U	2.0	0.30	mg/Kg		10/15/25 11:04	10/15/25 16:17	1
Cobalt	1.0	U	1.0	0.15	mg/Kg		10/15/25 11:04	10/15/25 16:17	1
Copper	2.0	U	2.0	0.37	mg/Kg		10/15/25 11:04	10/15/25 16:17	1
Iron	60.0	U	60.0	7.7	mg/Kg		10/15/25 11:04	10/15/25 16:17	1
Lead	0.60	U	0.60	0.20	mg/Kg		10/15/25 11:04	10/15/25 16:17	1
Magnesium	100	U	100	10.2	mg/Kg		10/15/25 11:04	10/15/25 16:17	1
Manganese	4.0	U	4.0	0.40	mg/Kg		10/15/25 11:04	10/15/25 16:17	1
Nickel	2.0	U	2.0	0.18	mg/Kg		10/15/25 11:04	10/15/25 16:17	1
Potassium	100	U	100	16.2	mg/Kg		10/15/25 11:04	10/15/25 16:17	1
Selenium	1.3	U	1.3	0.13	mg/Kg		10/15/25 11:04	10/15/25 16:17	1
Silver	0.40	U	0.40	0.089	mg/Kg		10/15/25 11:04	10/15/25 16:17	1
Sodium	100	U	100	45.7	mg/Kg		10/15/25 11:04	10/15/25 16:17	1
Thallium	0.40	U	0.40	0.041	mg/Kg		10/15/25 11:04	10/15/25 16:17	1
Vanadium	2.0	U	2.0	0.21	mg/Kg		10/15/25 11:04	10/15/25 16:17	1
Zinc	8.0	U	8.0	1.1	mg/Kg		10/15/25 11:04	10/15/25 16:17	1

Lab Sample ID: LCSSRM 460-1068464/2-A
Matrix: Solid
Analysis Batch: 1068584

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 1068464

Analyte	Spike Added	LCSSRM Result	LCSSRM Qualifier	Unit	D	%Rec	%Rec Limits
Aluminum	6840	5564		mg/Kg		81.3	53.2 - 146.2
Antimony	131	96.15		mg/Kg		73.4	4.5 - 195.4
Arsenic	192	172.0		mg/Kg		89.6	81.3 - 118.8
Barium	219	206.4		mg/Kg		94.3	81.7 - 118.3
Beryllium	146	127.6		mg/Kg		87.4	82.2 - 117.8
Cadmium	114	106.3		mg/Kg		93.2	81.7 - 118.4
Calcium	4080	3805		mg/Kg		93.3	82.4 - 117.6
Chromium	153	144.2		mg/Kg		94.2	81.0 - 119.0
Cobalt	231	222.7		mg/Kg		96.4	83.1 - 117.3
Copper	91.2	86.44		mg/Kg		94.8	83.1 - 117.3
Iron	7020	5720		mg/Kg		81.5	60.7 - 139.2
Lead	141	127.7		mg/Kg		90.6	81.6 - 118.4

Method: 6020B - Metals (ICP/MS) (Continued)

Lab Sample ID: LCSSRM 460-1068464/2-A
Matrix: Solid
Analysis Batch: 1068584

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 1068464

Analyte	Spike Added	LCSSRM Result	LCSSRM Qualifier	Unit	D	%Rec	%Rec Limits
Magnesium	1900	1668		mg/Kg		87.8	76.3 - 123.7
Manganese	401	373.0		mg/Kg		93.0	80.8 - 119.0
Nickel	143	140.6		mg/Kg		98.4	81.8 - 118.9
Potassium	1760	1508		mg/Kg		85.7	72.2 - 127.8
Selenium	94.7	86.67		mg/Kg		91.5	78.5 - 121.4
Silver	77.0	70.44		mg/Kg		91.5	79.4 - 120.6
Sodium	661	651.7		mg/Kg		98.6	73.7 - 126.2
Thallium	183	166.2		mg/Kg		90.8	80.3 - 119.7
Vanadium	159	145.2		mg/Kg		91.3	78.6 - 122.0
Zinc	292	279.6		mg/Kg		95.8	79.8 - 120.2

Lab Sample ID: 460-336761-1 MS
Matrix: Solid
Analysis Batch: 1068584

Client Sample ID: 49C_0-5
Prep Type: Total/NA
Prep Batch: 1068464

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec Limits
Aluminum	3320		541	4918	4	mg/Kg	☼	296	75 - 125
Antimony	1.3		5.41	4.73	N	mg/Kg	☼	64	75 - 125
Arsenic	6.7		10.8	18.85		mg/Kg	☼	113	75 - 125
Barium	21.8		10.8	37.97	N	mg/Kg	☼	150	75 - 125
Beryllium	0.57		5.41	5.44		mg/Kg	☼	90	75 - 125
Cadmium	1.1	U	5.41	5.19		mg/Kg	☼	96	75 - 125
Calcium	513		541	1101		mg/Kg	☼	109	75 - 125
Chromium	12.7		10.8	28.09	N	mg/Kg	☼	143	75 - 125
Cobalt	8.0		5.41	13.71		mg/Kg	☼	106	75 - 125
Copper	86.4		10.8	99.51	4	mg/Kg	☼	122	75 - 125
Iron	13800		541	18110	4	mg/Kg	☼	788	75 - 125
Lead	89.1		5.41	135.3	4	mg/Kg	☼	855	75 - 125
Magnesium	708		541	1379		mg/Kg	☼	124	75 - 125
Manganese	93.2		54.1	171.7	N	mg/Kg	☼	145	75 - 125
Nickel	48.8		10.8	54.80	4	mg/Kg	☼	56	75 - 125
Potassium	526		541	1257	N	mg/Kg	☼	135	75 - 125
Selenium	0.65	J	10.8	10.25		mg/Kg	☼	89	75 - 125
Silver	0.21	J	5.41	5.27		mg/Kg	☼	94	75 - 125
Sodium	52.9	J	541	553.1		mg/Kg	☼	93	75 - 125
Thallium	0.43	U	4.33	4.03		mg/Kg	☼	93	75 - 125
Vanadium	16.7		10.8	31.39	N	mg/Kg	☼	136	75 - 125
Zinc	218		54.1	298.8	4	mg/Kg	☼	150	75 - 125

Method: 6020B - Metals (ICP/MS) (Continued)

Lab Sample ID: 460-336761-1 DU
Matrix: Solid
Analysis Batch: 1068584

Client Sample ID: 49C_0-5
Prep Type: Total/NA
Prep Batch: 1068464

Analyte	Sample Result	Sample Qualifier		DU Result	DU Qualifier	Unit	D			RPD	RPD Limit
Aluminum	3320			3263		mg/Kg	☼			2	20
Antimony	1.3			1.32		mg/Kg	☼			3	20
Arsenic	6.7			8.68	*	mg/Kg	☼			26	20
Barium	21.8			18.96		mg/Kg	☼			14	20
Beryllium	0.57			0.486		mg/Kg	☼			15	20
Cadmium	1.1	U		1.1	U	mg/Kg	☼			NC	20
Calcium	513			351.9	*	mg/Kg	☼			37	20
Chromium	12.7			13.44		mg/Kg	☼			6	20
Cobalt	8.0			6.30	*	mg/Kg	☼			24	20
Copper	86.4			67.55	*	mg/Kg	☼			24	20
Iron	13800			16960		mg/Kg	☼			20	20
Lead	89.1			89.24		mg/Kg	☼			0.2	20
Magnesium	708			692.6		mg/Kg	☼			2	20
Manganese	93.2			106.0		mg/Kg	☼			13	20
Nickel	48.8			30.70	*	mg/Kg	☼			45	20
Potassium	526			560.4		mg/Kg	☼			6	20
Selenium	0.65	J		0.636	J	mg/Kg	☼			2	20
Silver	0.21	J		0.213	J	mg/Kg	☼			0.05	20
Sodium	52.9	J		108	U	mg/Kg	☼			NC	20
Thallium	0.43	U		0.43	U	mg/Kg	☼			NC	20
Vanadium	16.7			19.94		mg/Kg	☼			18	20
Zinc	218			149.5	*	mg/Kg	☼			37	20

Method: 7471B - Mercury (CVAA)

Lab Sample ID: MB 460-1068948/10-A
Matrix: Solid
Analysis Batch: 1069101

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 1068948

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	0.017	U	0.017	0.0080	mg/Kg		10/17/25 05:53	10/17/25 12:01	1

Lab Sample ID: LCSSRM 460-1068948/11-A
Matrix: Solid
Analysis Batch: 1069101

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 1068948

Analyte			Spike Added	LCSSRM Result	LCSSRM Qualifier	Unit	D	%Rec	%Rec Limits		
Mercury			14.1	14.39		mg/Kg		102.1	69.6 - 130.5		

Lab Sample ID: 460-336761-1 MS
Matrix: Solid
Analysis Batch: 1069101

Client Sample ID: 49C_0-5
Prep Type: Total/NA
Prep Batch: 1068948

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec Limits		
Mercury	0.023		0.0901	0.107		mg/Kg	☼	92	80 - 120		

Method: 7471B - Mercury (CVAA) (Continued)

Lab Sample ID: 460-336761-1 DU — **Client Sample ID: 49C_0-5**
Matrix: Solid — **Prep Type: Total/NA**
Analysis Batch: 1069101 — **Prep Batch: 1068948**

Analyte	Sample Result	Sample Qualifier	DU Result	DU Qualifier	Unit	D	RPD	RPD Limit
Mercury	0.023		0.0233		mg/Kg	☼	0	20

Method: Moisture - Percent Moisture

Lab Sample ID: 460-336202-A-4 DU — **Client Sample ID: Duplicate**
Matrix: Solid — **Prep Type: Total/NA**
Analysis Batch: 1067125

Analyte	Sample Result	Sample Qualifier	DU Result	DU Qualifier	Unit	D	RPD	RPD Limit
Percent Moisture	7.1		6.5		%		9	20
Percent Solids	92.9		93.5		%		0.6	20

Lab Sample ID: 460-336467-A-51 DU — **Client Sample ID: Duplicate**
Matrix: Solid — **Prep Type: Total/NA**
Analysis Batch: 1067128

Analyte	Sample Result	Sample Qualifier	DU Result	DU Qualifier	Unit	D	RPD	RPD Limit
Percent Moisture	9.3		8.4		%		10	20
Percent Solids	90.7		91.6		%		1	20

Lab Sample ID: 460-336175-A-62 DU — **Client Sample ID: Duplicate**
Matrix: Solid — **Prep Type: Total/NA**
Analysis Batch: 1067832

Analyte	Sample Result	Sample Qualifier	DU Result	DU Qualifier	Unit	D	RPD	RPD Limit
Percent Moisture	1.5		1.3		%		15	20
Percent Solids	98.5		98.7		%		0.2	20

Lab Sample ID: 460-336761-35 DU — **Client Sample ID: 5A1_1-2**
Matrix: Solid — **Prep Type: Total/NA**
Analysis Batch: 1067833

Analyte	Sample Result	Sample Qualifier	DU Result	DU Qualifier	Unit	D	RPD	RPD Limit
Percent Moisture	7.4		6.6		%		11	20
Percent Solids	92.6		93.4		%		0.8	20

Lab Sample ID: 460-336761-55 DU — **Client Sample ID: 5C3_9-10**
Matrix: Solid — **Prep Type: Total/NA**
Analysis Batch: 1067833

Analyte	Sample Result	Sample Qualifier	DU Result	DU Qualifier	Unit	D	RPD	RPD Limit
Percent Moisture	11.0		11.5		%		5	20
Percent Solids	89.0		88.5		%		0.6	20

Lab Sample ID: 460-336761-75 DU — **Client Sample ID: 3B3_10-11**
Matrix: Solid — **Prep Type: Total/NA**
Analysis Batch: 1067833

Analyte	Sample Result	Sample Qualifier	DU Result	DU Qualifier	Unit	D	RPD	RPD Limit
Percent Moisture	12.4		12.2		%		2	20

Method: Moisture - Percent Moisture (Continued)

Lab Sample ID: 460-336761-75 DU
Matrix: Solid
Analysis Batch: 1067833

Client Sample ID: 3B3_10-11
Prep Type: Total/NA

Analyte	Sample Result	Sample Qualifier		DU Result	DU Qualifier	Unit	D			RPD	RPD Limit
Percent Solids	87.6			87.8		%				0.3	20

GC/MS VOA

Prep Batch: 1067606

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
460-336761-21	49C1_1-2	Total/NA	Solid	5035	
460-336761-22	49C2_2-3	Total/NA	Solid	5035	
460-336761-23	49C3_3-4	Total/NA	Solid	5035	
460-336761-24	49C1_5-6	Total/NA	Solid	5035	
460-336761-25	49C2_7-8	Total/NA	Solid	5035	
460-336761-26	49C3_8-9	Total/NA	Solid	5035	
460-336761-27	49C1_9-10	Total/NA	Solid	5035	
460-336761-28	49D1_1-2	Total/NA	Solid	5035	
460-336761-29	49D2_2-3	Total/NA	Solid	5035	
460-336761-30	49D3_3-4	Total/NA	Solid	5035	
460-336761-31	49D1_4-5	Total/NA	Solid	5035	
460-336761-32	49D2_5-6	Total/NA	Solid	5035	
460-336761-33	49D3_6-7	Total/NA	Solid	5035	
460-336761-34	49D1_7-8	Total/NA	Solid	5035	
460-336761-35	5A1_1-2	Total/NA	Solid	5035	
460-336761-36	5A2_2-3	Total/NA	Solid	5035	
460-336761-37	5A3_4-5	Total/NA	Solid	5035	
460-336761-38	5A1_5-6	Total/NA	Solid	5035	
460-336761-39	5A2_7-8	Total/NA	Solid	5035	
460-336761-40	5A3_8-9	Total/NA	Solid	5035	
460-336761-41	5A1_9-10	Total/NA	Solid	5035	
460-336761-42	5B1_1-2	Total/NA	Solid	5035	
460-336761-43	5B2_2-3	Total/NA	Solid	5035	
460-336761-44	5B3_3-4	Total/NA	Solid	5035	
460-336761-45	5B1_5-6	Total/NA	Solid	5035	
460-336761-46	5B2_6-7	Total/NA	Solid	5035	

Prep Batch: 1067608

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
460-336761-47	5B3_8-9	Total/NA	Solid	5035	
460-336761-48	5B2_9-10	Total/NA	Solid	5035	
460-336761-49	5C1_1-2	Total/NA	Solid	5035	
460-336761-50	5C2_3-4	Total/NA	Solid	5035	
460-336761-51	5C3_4-5	Total/NA	Solid	5035	
460-336761-52	5C1_5-6	Total/NA	Solid	5035	
460-336761-53	5C2_6-7	Total/NA	Solid	5035	
460-336761-54	5C3_8-9	Total/NA	Solid	5035	
460-336761-55	5C3_9-10	Total/NA	Solid	5035	
460-336761-56	5D1_1-2	Total/NA	Solid	5035	
460-336761-57	5D2_3-4	Total/NA	Solid	5035	
460-336761-58	5D3_4-5	Total/NA	Solid	5035	
460-336761-59	5D1_5-6	Total/NA	Solid	5035	
460-336761-60	5D2_7-8	Total/NA	Solid	5035	
460-336761-61	5D3_8-9	Total/NA	Solid	5035	
460-336761-62	5D2_9-10	Total/NA	Solid	5035	
460-336761-63	5E1_1-2	Total/NA	Solid	5035	
460-336761-64	5E2_3-4	Total/NA	Solid	5035	
460-336761-65	5E3_4-5	Total/NA	Solid	5035	
460-336761-66	5E1_6-7	Total/NA	Solid	5035	
460-336761-67	5E2_7-8	Total/NA	Solid	5035	
460-336761-68	5E3_8-9	Total/NA	Solid	5035	

GC/MS VOA (Continued)

Prep Batch: 1067608 (Continued)

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
460-336761-69	5E1_9-10	Total/NA	Solid	5035	
460-336761-70	3B1_1-2	Total/NA	Solid	5035	
460-336761-71	3B2_2-3	Total/NA	Solid	5035	
460-336761-72	3B3_4-5	Total/NA	Solid	5035	

Prep Batch: 1067610

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
460-336761-73	3B1_6-7	Total/NA	Solid	5035	
460-336761-74	3B2_8-9	Total/NA	Solid	5035	
460-336761-75	3B3_10-11	Total/NA	Solid	5035	
460-336761-76	3B3_11-12	Total/NA	Solid	5035	
460-336761-77	3C1_1-2	Total/NA	Solid	5035	
460-336761-78	3C2_2-3	Total/NA	Solid	5035	
460-336761-79	3C3_4-5	Total/NA	Solid	5035	
460-336761-80	3C1_5-6	Total/NA	Solid	5035	
460-336761-81	3C2_7-8	Total/NA	Solid	5035	
460-336761-82	3C3_9-10	Total/NA	Solid	5035	
460-336761-83	3C1_10-11	Total/NA	Solid	5035	
460-336761-84	3D1_1-2	Total/NA	Solid	5035	
460-336761-85	3D2_3-4	Total/NA	Solid	5035	
460-336761-86	3D3_5-6	Total/NA	Solid	5035	
460-336761-87	3D1_6-7	Total/NA	Solid	5035	
460-336761-88	3D2_7-8	Total/NA	Solid	5035	
460-336761-89	3D3_9-10	Total/NA	Solid	5035	
460-336761-90	3D1_11-12	Total/NA	Solid	5035	

Analysis Batch: 1067680

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
460-336761-21	49C1_1-2	Total/NA	Solid	8260D	1067606
460-336761-23	49C3_3-4	Total/NA	Solid	8260D	1067606
460-336761-24	49C1_5-6	Total/NA	Solid	8260D	1067606
460-336761-25	49C2_7-8	Total/NA	Solid	8260D	1067606
460-336761-26	49C3_8-9	Total/NA	Solid	8260D	1067606
460-336761-27	49C1_9-10	Total/NA	Solid	8260D	1067606
460-336761-28	49D1_1-2	Total/NA	Solid	8260D	1067606
460-336761-29	49D2_2-3	Total/NA	Solid	8260D	1067606
460-336761-30	49D3_3-4	Total/NA	Solid	8260D	1067606
460-336761-31	49D1_4-5	Total/NA	Solid	8260D	1067606
460-336761-32	49D2_5-6	Total/NA	Solid	8260D	1067606
460-336761-33	49D3_6-7	Total/NA	Solid	8260D	1067606
MB 460-1067680/7	Method Blank	Total/NA	Solid	8260D	
LCS 460-1067680/3	Lab Control Sample	Total/NA	Solid	8260D	
LCSD 460-1067680/4	Lab Control Sample Dup	Total/NA	Solid	8260D	

Analysis Batch: 1067682

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
460-336761-36	5A2_2-3	Total/NA	Solid	8260D	1067606
460-336761-37	5A3_4-5	Total/NA	Solid	8260D	1067606
460-336761-38	5A1_5-6	Total/NA	Solid	8260D	1067606
460-336761-39	5A2_7-8	Total/NA	Solid	8260D	1067606
460-336761-40	5A3_8-9	Total/NA	Solid	8260D	1067606

GC/MS VOA (Continued)

Analysis Batch: 1067682 (Continued)

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
460-336761-41	5A1_9-10	Total/NA	Solid	8260D	1067606
460-336761-42	5B1_1-2	Total/NA	Solid	8260D	1067606
460-336761-43	5B2_2-3	Total/NA	Solid	8260D	1067606
460-336761-44	5B3_3-4	Total/NA	Solid	8260D	1067606
460-336761-45	5B1_5-6	Total/NA	Solid	8260D	1067606
460-336761-46	5B2_6-7	Total/NA	Solid	8260D	1067606
460-336761-47	5B3_8-9	Total/NA	Solid	8260D	1067608
460-336761-48	5B2_9-10	Total/NA	Solid	8260D	1067608
460-336761-49	5C1_1-2	Total/NA	Solid	8260D	1067608
460-336761-50	5C2_3-4	Total/NA	Solid	8260D	1067608
460-336761-51	5C3_4-5	Total/NA	Solid	8260D	1067608
460-336761-52	5C1_5-6	Total/NA	Solid	8260D	1067608
460-336761-53	5C2_6-7	Total/NA	Solid	8260D	1067608
460-336761-54	5C3_8-9	Total/NA	Solid	8260D	1067608
460-336761-55	5C3_9-10	Total/NA	Solid	8260D	1067608
MB 460-1067682/7	Method Blank	Total/NA	Solid	8260D	
LCS 460-1067682/3	Lab Control Sample	Total/NA	Solid	8260D	
LCSD 460-1067682/4	Lab Control Sample Dup	Total/NA	Solid	8260D	

Analysis Batch: 1067700

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
460-336761-56	5D1_1-2	Total/NA	Solid	8260D	1067608
460-336761-57	5D2_3-4	Total/NA	Solid	8260D	1067608
460-336761-58	5D3_4-5	Total/NA	Solid	8260D	1067608
460-336761-59	5D1_5-6	Total/NA	Solid	8260D	1067608
460-336761-60	5D2_7-8	Total/NA	Solid	8260D	1067608
460-336761-61	5D3_8-9	Total/NA	Solid	8260D	1067608
460-336761-62	5D2_9-10	Total/NA	Solid	8260D	1067608
460-336761-63	5E1_1-2	Total/NA	Solid	8260D	1067608
460-336761-64	5E2_3-4	Total/NA	Solid	8260D	1067608
460-336761-65	5E3_4-5	Total/NA	Solid	8260D	1067608
460-336761-66	5E1_6-7	Total/NA	Solid	8260D	1067608
460-336761-67	5E2_7-8	Total/NA	Solid	8260D	1067608
460-336761-68	5E3_8-9	Total/NA	Solid	8260D	1067608
460-336761-69	5E1_9-10	Total/NA	Solid	8260D	1067608
MB 460-1067700/7	Method Blank	Total/NA	Solid	8260D	
LCS 460-1067700/3	Lab Control Sample	Total/NA	Solid	8260D	
LCSD 460-1067700/4	Lab Control Sample Dup	Total/NA	Solid	8260D	

Analysis Batch: 1067702

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
460-336761-22	49C2_2-3	Total/NA	Solid	8260D	1067606
460-336761-77	3C1_1-2	Total/NA	Solid	8260D	1067610
460-336761-78	3C2_2-3	Total/NA	Solid	8260D	1067610
460-336761-79	3C3_4-5	Total/NA	Solid	8260D	1067610
460-336761-80	3C1_5-6	Total/NA	Solid	8260D	1067610
460-336761-81	3C2_7-8	Total/NA	Solid	8260D	1067610
460-336761-82	3C3_9-10	Total/NA	Solid	8260D	1067610
460-336761-83	3C1_10-11	Total/NA	Solid	8260D	1067610
460-336761-84	3D1_1-2	Total/NA	Solid	8260D	1067610
460-336761-85	3D2_3-4	Total/NA	Solid	8260D	1067610

GC/MS VOA (Continued)

Analysis Batch: 1067702 (Continued)

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
460-336761-86	3D3_5-6	Total/NA	Solid	8260D	1067610
460-336761-87	3D1_6-7	Total/NA	Solid	8260D	1067610
460-336761-88	3D2_7-8	Total/NA	Solid	8260D	1067610
460-336761-89	3D3_9-10	Total/NA	Solid	8260D	1067610
460-336761-90	3D1_11-12	Total/NA	Solid	8260D	1067610
MB 460-1067702/7	Method Blank	Total/NA	Solid	8260D	
LCS 460-1067702/3	Lab Control Sample	Total/NA	Solid	8260D	
LCSD 460-1067702/4	Lab Control Sample Dup	Total/NA	Solid	8260D	

Analysis Batch: 1067930

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
460-336761-34	49D1_7-8	Total/NA	Solid	8260D	1067606
460-336761-35	5A1_1-2	Total/NA	Solid	8260D	1067606
460-336761-72	3B3_4-5	Total/NA	Solid	8260D	1067608
460-336761-73	3B1_6-7	Total/NA	Solid	8260D	1067610
460-336761-74	3B2_8-9	Total/NA	Solid	8260D	1067610
460-336761-75	3B3_10-11	Total/NA	Solid	8260D	1067610
MB 460-1067930/7	Method Blank	Total/NA	Solid	8260D	
LCS 460-1067930/3	Lab Control Sample	Total/NA	Solid	8260D	
LCSD 460-1067930/4	Lab Control Sample Dup	Total/NA	Solid	8260D	

Analysis Batch: 1067931

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
460-336761-76	3B3_11-12	Total/NA	Solid	8260D	1067610
MB 460-1067931/6	Method Blank	Total/NA	Solid	8260D	
LCS 460-1067931/3	Lab Control Sample	Total/NA	Solid	8260D	
LCSD 460-1067931/4	Lab Control Sample Dup	Total/NA	Solid	8260D	

Analysis Batch: 1067947

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
460-336761-71	3B2_2-3	Total/NA	Solid	8260D	1067608
MB 460-1067947/7	Method Blank	Total/NA	Solid	8260D	
LCS 460-1067947/3	Lab Control Sample	Total/NA	Solid	8260D	
LCSD 460-1067947/4	Lab Control Sample Dup	Total/NA	Solid	8260D	

Analysis Batch: 1068587

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
460-336761-70	3B1_1-2	Total/NA	Solid	8260D	1067608
MB 460-1068587/7	Method Blank	Total/NA	Solid	8260D	
LCS 460-1068587/3	Lab Control Sample	Total/NA	Solid	8260D	
LCSD 460-1068587/4	Lab Control Sample Dup	Total/NA	Solid	8260D	

GC/MS Semi VOA

Prep Batch: 1067279

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
460-336761-1	49C_0-5	Total/NA	Solid	3546	
460-336761-2	49C_5-10	Total/NA	Solid	3546	
460-336761-3	49D_0-5	Total/NA	Solid	3546	
460-336761-4	49D_5-10	Total/NA	Solid	3546	
460-336761-5	5A_0-5	Total/NA	Solid	3546	

GC/MS Semi VOA (Continued)

Prep Batch: 1067279 (Continued)

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
460-336761-6	5A_5-10	Total/NA	Solid	3546	
460-336761-7	5B_0-5	Total/NA	Solid	3546	
MB 460-1067279/1-A	Method Blank	Total/NA	Solid	3546	
LCS 460-1067279/2-A	Lab Control Sample	Total/NA	Solid	3546	
LCSD 460-1067279/3-A	Lab Control Sample Dup	Total/NA	Solid	3546	
460-336325-A-11-C MS	Matrix Spike	Total/NA	Solid	3546	
460-336325-A-11-D MSD	Matrix Spike Duplicate	Total/NA	Solid	3546	

Prep Batch: 1067311

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
460-336761-8	5B_5-10	Total/NA	Solid	3546	
460-336761-9	5C_0-5	Total/NA	Solid	3546	
460-336761-10	5C_5-10	Total/NA	Solid	3546	
460-336761-11	5D_0-5	Total/NA	Solid	3546	
460-336761-12	5D_5-10	Total/NA	Solid	3546	
460-336761-13	5E_0-5	Total/NA	Solid	3546	
460-336761-14	5E_5-10	Total/NA	Solid	3546	
460-336761-15	3B_0-7	Total/NA	Solid	3546	
460-336761-16	3B_7-14	Total/NA	Solid	3546	
460-336761-17	3C_0-7	Total/NA	Solid	3546	
460-336761-18	3C_7-14	Total/NA	Solid	3546	
460-336761-19	3D_0-7	Total/NA	Solid	3546	
460-336761-20	3D_7-14	Total/NA	Solid	3546	
MB 460-1067311/1-A	Method Blank	Total/NA	Solid	3546	
LCS 460-1067311/2-A	Lab Control Sample	Total/NA	Solid	3546	
LCSD 460-1067311/3-A	Lab Control Sample Dup	Total/NA	Solid	3546	
460-336854-E-4-A MS	Matrix Spike	Total/NA	Solid	3546	
460-336854-E-4-B MSD	Matrix Spike Duplicate	Total/NA	Solid	3546	

Analysis Batch: 1067343

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
460-336761-1	49C_0-5	Total/NA	Solid	8270E	1067279
460-336761-2	49C_5-10	Total/NA	Solid	8270E	1067279
460-336761-3	49D_0-5	Total/NA	Solid	8270E	1067279
460-336761-4	49D_5-10	Total/NA	Solid	8270E	1067279
460-336761-5	5A_0-5	Total/NA	Solid	8270E	1067279
460-336761-6	5A_5-10	Total/NA	Solid	8270E	1067279
460-336761-7	5B_0-5	Total/NA	Solid	8270E	1067279
MB 460-1067279/1-A	Method Blank	Total/NA	Solid	8270E	1067279
LCS 460-1067279/2-A	Lab Control Sample	Total/NA	Solid	8270E	1067279
LCSD 460-1067279/3-A	Lab Control Sample Dup	Total/NA	Solid	8270E	1067279
460-336325-A-11-C MS	Matrix Spike	Total/NA	Solid	8270E	1067279
460-336325-A-11-D MSD	Matrix Spike Duplicate	Total/NA	Solid	8270E	1067279

Analysis Batch: 1067493

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
460-336761-8	5B_5-10	Total/NA	Solid	8270E	1067311
460-336761-9	5C_0-5	Total/NA	Solid	8270E	1067311
460-336761-10	5C_5-10	Total/NA	Solid	8270E	1067311
460-336761-11	5D_0-5	Total/NA	Solid	8270E	1067311
460-336761-12	5D_5-10	Total/NA	Solid	8270E	1067311

GC/MS Semi VOA (Continued)

Analysis Batch: 1067493 (Continued)

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
460-336761-13	5E_0-5	Total/NA	Solid	8270E	1067311
460-336761-14	5E_5-10	Total/NA	Solid	8270E	1067311
460-336761-15	3B_0-7	Total/NA	Solid	8270E	1067311
460-336761-16	3B_7-14	Total/NA	Solid	8270E	1067311
460-336761-17	3C_0-7	Total/NA	Solid	8270E	1067311
460-336761-18	3C_7-14	Total/NA	Solid	8270E	1067311
460-336761-19	3D_0-7	Total/NA	Solid	8270E	1067311
460-336761-20	3D_7-14	Total/NA	Solid	8270E	1067311
MB 460-1067311/1-A	Method Blank	Total/NA	Solid	8270E	1067311
LCS 460-1067311/2-A	Lab Control Sample	Total/NA	Solid	8270E	1067311
LCSD 460-1067311/3-A	Lab Control Sample Dup	Total/NA	Solid	8270E	1067311
460-336854-E-4-A MS	Matrix Spike	Total/NA	Solid	8270E	1067311
460-336854-E-4-B MSD	Matrix Spike Duplicate	Total/NA	Solid	8270E	1067311

GC Semi VOA

Prep Batch: 1067144

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
460-336761-1	49C_0-5	Total/NA	Solid	3546	
460-336761-2	49C_5-10	Total/NA	Solid	3546	
460-336761-3	49D_0-5	Total/NA	Solid	3546	
460-336761-4	49D_5-10	Total/NA	Solid	3546	
460-336761-5	5A_0-5	Total/NA	Solid	3546	
460-336761-6	5A_5-10	Total/NA	Solid	3546	
460-336761-7	5B_0-5	Total/NA	Solid	3546	
460-336761-8	5B_5-10	Total/NA	Solid	3546	
460-336761-9	5C_0-5	Total/NA	Solid	3546	
460-336761-10	5C_5-10	Total/NA	Solid	3546	
460-336761-11	5D_0-5	Total/NA	Solid	3546	
460-336761-12	5D_5-10	Total/NA	Solid	3546	
460-336761-13	5E_0-5	Total/NA	Solid	3546	
460-336761-14	5E_5-10	Total/NA	Solid	3546	
460-336761-15	3B_0-7	Total/NA	Solid	3546	
460-336761-16	3B_7-14	Total/NA	Solid	3546	
460-336761-17	3C_0-7	Total/NA	Solid	3546	
460-336761-18	3C_7-14	Total/NA	Solid	3546	
460-336761-19	3D_0-7	Total/NA	Solid	3546	
460-336761-20	3D_7-14	Total/NA	Solid	3546	
MB 460-1067144/1-A	Method Blank	Total/NA	Solid	3546	
LCS 460-1067144/2-A	Lab Control Sample	Total/NA	Solid	3546	
LCSD 460-1067144/3-A	Lab Control Sample Dup	Total/NA	Solid	3546	
460-336761-1 MS	49C_0-5	Total/NA	Solid	3546	
460-336761-1 MSD	49C_0-5	Total/NA	Solid	3546	

Prep Batch: 1067152

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
460-336761-1	49C_0-5	Total/NA	Solid	3546	
460-336761-2	49C_5-10	Total/NA	Solid	3546	
460-336761-3	49D_0-5	Total/NA	Solid	3546	
460-336761-4	49D_5-10	Total/NA	Solid	3546	
460-336761-5	5A_0-5	Total/NA	Solid	3546	

GC Semi VOA (Continued)

Prep Batch: 1067152 (Continued)

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
460-336761-6	5A_5-10	Total/NA	Solid	3546	
460-336761-7	5B_0-5	Total/NA	Solid	3546	
460-336761-8	5B_5-10	Total/NA	Solid	3546	
460-336761-9	5C_0-5	Total/NA	Solid	3546	
460-336761-10	5C_5-10	Total/NA	Solid	3546	
460-336761-11	5D_0-5	Total/NA	Solid	3546	
460-336761-12	5D_5-10	Total/NA	Solid	3546	
460-336761-13	5E_0-5	Total/NA	Solid	3546	
460-336761-14	5E_5-10	Total/NA	Solid	3546	
460-336761-15	3B_0-7	Total/NA	Solid	3546	
460-336761-16	3B_7-14	Total/NA	Solid	3546	
460-336761-17	3C_0-7	Total/NA	Solid	3546	
460-336761-18	3C_7-14	Total/NA	Solid	3546	
460-336761-19	3D_0-7	Total/NA	Solid	3546	
460-336761-20	3D_7-14	Total/NA	Solid	3546	
MB 460-1067152/1-A	Method Blank	Total/NA	Solid	3546	
LCS 460-1067152/2-A	Lab Control Sample	Total/NA	Solid	3546	
LCSD 460-1067152/3-A	Lab Control Sample Dup	Total/NA	Solid	3546	
460-336761-1 MS	49C_0-5	Total/NA	Solid	3546	
460-336761-1 MSD	49C_0-5	Total/NA	Solid	3546	

Analysis Batch: 1067332

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
460-336761-1	49C_0-5	Total/NA	Solid	8081B	1067152
460-336761-2	49C_5-10	Total/NA	Solid	8081B	1067152
460-336761-3	49D_0-5	Total/NA	Solid	8081B	1067152
460-336761-4	49D_5-10	Total/NA	Solid	8081B	1067152
460-336761-5	5A_0-5	Total/NA	Solid	8081B	1067152
460-336761-6	5A_5-10	Total/NA	Solid	8081B	1067152
460-336761-7	5B_0-5	Total/NA	Solid	8081B	1067152
460-336761-8	5B_5-10	Total/NA	Solid	8081B	1067152
460-336761-9	5C_0-5	Total/NA	Solid	8081B	1067152
460-336761-10	5C_5-10	Total/NA	Solid	8081B	1067152
460-336761-11	5D_0-5	Total/NA	Solid	8081B	1067152
460-336761-12	5D_5-10	Total/NA	Solid	8081B	1067152
460-336761-13	5E_0-5	Total/NA	Solid	8081B	1067152
460-336761-14	5E_5-10	Total/NA	Solid	8081B	1067152
460-336761-15	3B_0-7	Total/NA	Solid	8081B	1067152
460-336761-16	3B_7-14	Total/NA	Solid	8081B	1067152
460-336761-17	3C_0-7	Total/NA	Solid	8081B	1067152
460-336761-18	3C_7-14	Total/NA	Solid	8081B	1067152
460-336761-19	3D_0-7	Total/NA	Solid	8081B	1067152
460-336761-20	3D_7-14	Total/NA	Solid	8081B	1067152
MB 460-1067152/1-A	Method Blank	Total/NA	Solid	8081B	1067152
LCS 460-1067152/2-A	Lab Control Sample	Total/NA	Solid	8081B	1067152
LCSD 460-1067152/3-A	Lab Control Sample Dup	Total/NA	Solid	8081B	1067152
460-336761-1 MS	49C_0-5	Total/NA	Solid	8081B	1067152
460-336761-1 MSD	49C_0-5	Total/NA	Solid	8081B	1067152

GC Semi VOA

Analysis Batch: 1067480

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
460-336761-1	49C_0-5	Total/NA	Solid	8082A	1067144
460-336761-2	49C_5-10	Total/NA	Solid	8082A	1067144
460-336761-3	49D_0-5	Total/NA	Solid	8082A	1067144
460-336761-4	49D_5-10	Total/NA	Solid	8082A	1067144
460-336761-5	5A_0-5	Total/NA	Solid	8082A	1067144
460-336761-6	5A_5-10	Total/NA	Solid	8082A	1067144
460-336761-7	5B_0-5	Total/NA	Solid	8082A	1067144
460-336761-8	5B_5-10	Total/NA	Solid	8082A	1067144
460-336761-9	5C_0-5	Total/NA	Solid	8082A	1067144
460-336761-10	5C_5-10	Total/NA	Solid	8082A	1067144
460-336761-11	5D_0-5	Total/NA	Solid	8082A	1067144
460-336761-12	5D_5-10	Total/NA	Solid	8082A	1067144
460-336761-13	5E_0-5	Total/NA	Solid	8082A	1067144
460-336761-14	5E_5-10	Total/NA	Solid	8082A	1067144
460-336761-15	3B_0-7	Total/NA	Solid	8082A	1067144
460-336761-16	3B_7-14	Total/NA	Solid	8082A	1067144
460-336761-17	3C_0-7	Total/NA	Solid	8082A	1067144
460-336761-18	3C_7-14	Total/NA	Solid	8082A	1067144
460-336761-19	3D_0-7	Total/NA	Solid	8082A	1067144
460-336761-20	3D_7-14	Total/NA	Solid	8082A	1067144
MB 460-1067144/1-A	Method Blank	Total/NA	Solid	8082A	1067144
LCS 460-1067144/2-A	Lab Control Sample	Total/NA	Solid	8082A	1067144
LCSD 460-1067144/3-A	Lab Control Sample Dup	Total/NA	Solid	8082A	1067144
460-336761-1 MS	49C_0-5	Total/NA	Solid	8082A	1067144
460-336761-1 MSD	49C_0-5	Total/NA	Solid	8082A	1067144

LCMS

Prep Batch: 714115

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
460-336761-9	5C_0-5	Total/NA	Solid	1633A Shake	
460-336761-10	5C_5-10	Total/NA	Solid	1633A Shake	
460-336761-11	5D_0-5	Total/NA	Solid	1633A Shake	
460-336761-12	5D_5-10	Total/NA	Solid	1633A Shake	
460-336761-13	5E_0-5	Total/NA	Solid	1633A Shake	
460-336761-14	5E_5-10	Total/NA	Solid	1633A Shake	
460-336761-15	3B_0-7	Total/NA	Solid	1633A Shake	
460-336761-16	3B_7-14	Total/NA	Solid	1633A Shake	
460-336761-17	3C_0-7	Total/NA	Solid	1633A Shake	
460-336761-18	3C_7-14	Total/NA	Solid	1633A Shake	
460-336761-19	3D_0-7	Total/NA	Solid	1633A Shake	
460-336761-20	3D_7-14	Total/NA	Solid	1633A Shake	
MB 410-714115/1-A	Method Blank	Total/NA	Solid	1633A Shake	
LCS 410-714115/2-A	Lab Control Sample	Total/NA	Solid	1633A Shake	
LCSD 410-714115/3-A	Lab Control Sample Dup	Total/NA	Solid	1633A Shake	
LLCS 410-714115/4-A	Lab Control Sample	Total/NA	Solid	1633A Shake	

Prep Batch: 714441

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
460-336761-1	49C_0-5	Total/NA	Solid	1633A Shake	
460-336761-2	49C_5-10	Total/NA	Solid	1633A Shake	

LCMS (Continued)

Prep Batch: 714441 (Continued)

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
460-336761-3	49D_0-5	Total/NA	Solid	1633A Shake	
460-336761-3 - DL	49D_0-5	Total/NA	Solid	1633A Shake	
460-336761-4	49D_5-10	Total/NA	Solid	1633A Shake	
460-336761-5	5A_0-5	Total/NA	Solid	1633A Shake	
460-336761-6	5A_5-10	Total/NA	Solid	1633A Shake	
460-336761-7	5B_0-5	Total/NA	Solid	1633A Shake	
460-336761-8	5B_5-10	Total/NA	Solid	1633A Shake	
MB 410-714441/1-A	Method Blank	Total/NA	Solid	1633A Shake	
LCS 410-714441/2-A	Lab Control Sample	Total/NA	Solid	1633A Shake	
LCSD 410-714441/3-A	Lab Control Sample Dup	Total/NA	Solid	1633A Shake	
LLCS 410-714441/4-A	Lab Control Sample	Total/NA	Solid	1633A Shake	

Analysis Batch: 714967

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
460-336761-9	5C_0-5	Total/NA	Solid	1633A	714115
460-336761-10	5C_5-10	Total/NA	Solid	1633A	714115
460-336761-11	5D_0-5	Total/NA	Solid	1633A	714115
460-336761-12	5D_5-10	Total/NA	Solid	1633A	714115
460-336761-13	5E_0-5	Total/NA	Solid	1633A	714115
460-336761-14	5E_5-10	Total/NA	Solid	1633A	714115
460-336761-15	3B_0-7	Total/NA	Solid	1633A	714115
460-336761-16	3B_7-14	Total/NA	Solid	1633A	714115
460-336761-17	3C_0-7	Total/NA	Solid	1633A	714115
460-336761-18	3C_7-14	Total/NA	Solid	1633A	714115
460-336761-19	3D_0-7	Total/NA	Solid	1633A	714115
460-336761-20	3D_7-14	Total/NA	Solid	1633A	714115
MB 410-714115/1-A	Method Blank	Total/NA	Solid	1633A	714115
LCS 410-714115/2-A	Lab Control Sample	Total/NA	Solid	1633A	714115
LCSD 410-714115/3-A	Lab Control Sample Dup	Total/NA	Solid	1633A	714115
LLCS 410-714115/4-A	Lab Control Sample	Total/NA	Solid	1633A	714115

Analysis Batch: 715092

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
460-336761-1	49C_0-5	Total/NA	Solid	1633A	714441
460-336761-2	49C_5-10	Total/NA	Solid	1633A	714441
460-336761-3	49D_0-5	Total/NA	Solid	1633A	714441
460-336761-4	49D_5-10	Total/NA	Solid	1633A	714441
460-336761-5	5A_0-5	Total/NA	Solid	1633A	714441
460-336761-6	5A_5-10	Total/NA	Solid	1633A	714441
460-336761-7	5B_0-5	Total/NA	Solid	1633A	714441
460-336761-8	5B_5-10	Total/NA	Solid	1633A	714441

Analysis Batch: 715116

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
460-336761-3 - DL	49D_0-5	Total/NA	Solid	1633A	714441
MB 410-714441/1-A	Method Blank	Total/NA	Solid	1633A	714441
LCS 410-714441/2-A	Lab Control Sample	Total/NA	Solid	1633A	714441
LCSD 410-714441/3-A	Lab Control Sample Dup	Total/NA	Solid	1633A	714441
LLCS 410-714441/4-A	Lab Control Sample	Total/NA	Solid	1633A	714441

Metals

Prep Batch: 1067838

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
460-336761-11	5D_0-5	Total/NA	Solid	3050B	
460-336761-12	5D_5-10	Total/NA	Solid	3050B	
460-336761-13	5E_0-5	Total/NA	Solid	3050B	
460-336761-14	5E_5-10	Total/NA	Solid	3050B	
460-336761-15	3B_0-7	Total/NA	Solid	3050B	
460-336761-16	3B_7-14	Total/NA	Solid	3050B	
MB 460-1067838/1-A	Method Blank	Total/NA	Solid	3050B	
LCSSRM 460-1067838/2-A	Lab Control Sample	Total/NA	Solid	3050B	
460-336673-E-3-F MS	Matrix Spike	Total/NA	Solid	3050B	
460-336673-E-3-E DU	Duplicate	Total/NA	Solid	3050B	

Analysis Batch: 1067979

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
460-336761-11	5D_0-5	Total/NA	Solid	6020B	1067838
460-336761-12	5D_5-10	Total/NA	Solid	6020B	1067838
460-336761-13	5E_0-5	Total/NA	Solid	6020B	1067838
460-336761-14	5E_5-10	Total/NA	Solid	6020B	1067838
460-336761-15	3B_0-7	Total/NA	Solid	6020B	1067838
460-336761-16	3B_7-14	Total/NA	Solid	6020B	1067838
MB 460-1067838/1-A	Method Blank	Total/NA	Solid	6020B	1067838
LCSSRM 460-1067838/2-A	Lab Control Sample	Total/NA	Solid	6020B	1067838
460-336673-E-3-F MS	Matrix Spike	Total/NA	Solid	6020B	1067838
460-336673-E-3-E DU	Duplicate	Total/NA	Solid	6020B	1067838

Prep Batch: 1068464

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
460-336761-1	49C_0-5	Total/NA	Solid	3050B	
460-336761-2	49C_5-10	Total/NA	Solid	3050B	
460-336761-3	49D_0-5	Total/NA	Solid	3050B	
460-336761-4	49D_5-10	Total/NA	Solid	3050B	
460-336761-5	5A_0-5	Total/NA	Solid	3050B	
460-336761-6	5A_5-10	Total/NA	Solid	3050B	
460-336761-7	5B_0-5	Total/NA	Solid	3050B	
460-336761-8	5B_5-10	Total/NA	Solid	3050B	
460-336761-9	5C_0-5	Total/NA	Solid	3050B	
460-336761-10	5C_5-10	Total/NA	Solid	3050B	
460-336761-17	3C_0-7	Total/NA	Solid	3050B	
460-336761-18	3C_7-14	Total/NA	Solid	3050B	
460-336761-19	3D_0-7	Total/NA	Solid	3050B	
460-336761-20	3D_7-14	Total/NA	Solid	3050B	
MB 460-1068464/1-A	Method Blank	Total/NA	Solid	3050B	
LCSSRM 460-1068464/2-A	Lab Control Sample	Total/NA	Solid	3050B	
460-336761-1 MS	49C_0-5	Total/NA	Solid	3050B	
460-336761-1 DU	49C_0-5	Total/NA	Solid	3050B	

Analysis Batch: 1068584

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
460-336761-1	49C_0-5	Total/NA	Solid	6020B	1068464
460-336761-2	49C_5-10	Total/NA	Solid	6020B	1068464
460-336761-3	49D_0-5	Total/NA	Solid	6020B	1068464
460-336761-4	49D_5-10	Total/NA	Solid	6020B	1068464

Metals (Continued)

Analysis Batch: 1068584 (Continued)

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
460-336761-5	5A_0-5	Total/NA	Solid	6020B	1068464
460-336761-6	5A_5-10	Total/NA	Solid	6020B	1068464
460-336761-7	5B_0-5	Total/NA	Solid	6020B	1068464
460-336761-8	5B_5-10	Total/NA	Solid	6020B	1068464
460-336761-9	5C_0-5	Total/NA	Solid	6020B	1068464
460-336761-10	5C_5-10	Total/NA	Solid	6020B	1068464
460-336761-17	3C_0-7	Total/NA	Solid	6020B	1068464
460-336761-18	3C_7-14	Total/NA	Solid	6020B	1068464
460-336761-19	3D_0-7	Total/NA	Solid	6020B	1068464
460-336761-20	3D_7-14	Total/NA	Solid	6020B	1068464
MB 460-1068464/1-A	Method Blank	Total/NA	Solid	6020B	1068464
LCSSRM 460-1068464/2-A	Lab Control Sample	Total/NA	Solid	6020B	1068464
460-336761-1 MS	49C_0-5	Total/NA	Solid	6020B	1068464
460-336761-1 DU	49C_0-5	Total/NA	Solid	6020B	1068464

Prep Batch: 1068948

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
460-336761-1	49C_0-5	Total/NA	Solid	7471B	
460-336761-2	49C_5-10	Total/NA	Solid	7471B	
460-336761-3	49D_0-5	Total/NA	Solid	7471B	
460-336761-4	49D_5-10	Total/NA	Solid	7471B	
460-336761-5	5A_0-5	Total/NA	Solid	7471B	
460-336761-6	5A_5-10	Total/NA	Solid	7471B	
460-336761-7	5B_0-5	Total/NA	Solid	7471B	
460-336761-8	5B_5-10	Total/NA	Solid	7471B	
460-336761-9	5C_0-5	Total/NA	Solid	7471B	
460-336761-10	5C_5-10	Total/NA	Solid	7471B	
460-336761-11	5D_0-5	Total/NA	Solid	7471B	
460-336761-12	5D_5-10	Total/NA	Solid	7471B	
460-336761-13	5E_0-5	Total/NA	Solid	7471B	
460-336761-14	5E_5-10	Total/NA	Solid	7471B	
460-336761-15	3B_0-7	Total/NA	Solid	7471B	
460-336761-16	3B_7-14	Total/NA	Solid	7471B	
460-336761-17	3C_0-7	Total/NA	Solid	7471B	
460-336761-18	3C_7-14	Total/NA	Solid	7471B	
460-336761-19	3D_0-7	Total/NA	Solid	7471B	
460-336761-20	3D_7-14	Total/NA	Solid	7471B	
MB 460-1068948/10-A	Method Blank	Total/NA	Solid	7471B	
LCSSRM 460-1068948/11-A	Lab Control Sample	Total/NA	Solid	7471B	
460-336761-1 MS	49C_0-5	Total/NA	Solid	7471B	
460-336761-1 DU	49C_0-5	Total/NA	Solid	7471B	

Analysis Batch: 1069101

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
460-336761-1	49C_0-5	Total/NA	Solid	7471B	1068948
460-336761-2	49C_5-10	Total/NA	Solid	7471B	1068948
460-336761-3	49D_0-5	Total/NA	Solid	7471B	1068948
460-336761-4	49D_5-10	Total/NA	Solid	7471B	1068948
460-336761-5	5A_0-5	Total/NA	Solid	7471B	1068948
460-336761-6	5A_5-10	Total/NA	Solid	7471B	1068948
460-336761-7	5B_0-5	Total/NA	Solid	7471B	1068948

Metals (Continued)

Analysis Batch: 1069101 (Continued)

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
460-336761-8	5B_5-10	Total/NA	Solid	7471B	1068948
460-336761-9	5C_0-5	Total/NA	Solid	7471B	1068948
460-336761-10	5C_5-10	Total/NA	Solid	7471B	1068948
460-336761-11	5D_0-5	Total/NA	Solid	7471B	1068948
460-336761-12	5D_5-10	Total/NA	Solid	7471B	1068948
460-336761-13	5E_0-5	Total/NA	Solid	7471B	1068948
460-336761-14	5E_5-10	Total/NA	Solid	7471B	1068948
460-336761-15	3B_0-7	Total/NA	Solid	7471B	1068948
460-336761-16	3B_7-14	Total/NA	Solid	7471B	1068948
460-336761-17	3C_0-7	Total/NA	Solid	7471B	1068948
460-336761-18	3C_7-14	Total/NA	Solid	7471B	1068948
460-336761-19	3D_0-7	Total/NA	Solid	7471B	1068948
460-336761-20	3D_7-14	Total/NA	Solid	7471B	1068948
MB 460-1068948/10-A	Method Blank	Total/NA	Solid	7471B	1068948
LCSSRM 460-1068948/11-A	Lab Control Sample	Total/NA	Solid	7471B	1068948
460-336761-1 MS	49C_0-5	Total/NA	Solid	7471B	1068948
460-336761-1 DU	49C_0-5	Total/NA	Solid	7471B	1068948

General Chemistry

Analysis Batch: 1067125

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
460-336761-1	49C_0-5	Total/NA	Solid	Moisture	
460-336761-2	49C_5-10	Total/NA	Solid	Moisture	
460-336761-3	49D_0-5	Total/NA	Solid	Moisture	
460-336761-4	49D_5-10	Total/NA	Solid	Moisture	
460-336761-5	5A_0-5	Total/NA	Solid	Moisture	
460-336761-6	5A_5-10	Total/NA	Solid	Moisture	
460-336761-7	5B_0-5	Total/NA	Solid	Moisture	
460-336761-8	5B_5-10	Total/NA	Solid	Moisture	
460-336761-9	5C_0-5	Total/NA	Solid	Moisture	
460-336761-10	5C_5-10	Total/NA	Solid	Moisture	
460-336761-11	5D_0-5	Total/NA	Solid	Moisture	
460-336761-12	5D_5-10	Total/NA	Solid	Moisture	
460-336598-B-3 MS	Matrix Spike	Total/NA	Solid	Moisture	
460-336598-B-3 MSD	Matrix Spike Duplicate	Total/NA	Solid	Moisture	
460-336202-A-4 DU	Duplicate	Total/NA	Solid	Moisture	

Analysis Batch: 1067128

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
460-336761-13	5E_0-5	Total/NA	Solid	Moisture	
460-336761-14	5E_5-10	Total/NA	Solid	Moisture	
460-336761-15	3B_0-7	Total/NA	Solid	Moisture	
460-336761-16	3B_7-14	Total/NA	Solid	Moisture	
460-336761-17	3C_0-7	Total/NA	Solid	Moisture	
460-336761-18	3C_7-14	Total/NA	Solid	Moisture	
460-336761-19	3D_0-7	Total/NA	Solid	Moisture	
460-336761-20	3D_7-14	Total/NA	Solid	Moisture	
455-2599-A-7 MS	Matrix Spike	Total/NA	Solid	Moisture	
455-2599-A-7 MSD	Matrix Spike Duplicate	Total/NA	Solid	Moisture	
460-336467-A-51 DU	Duplicate	Total/NA	Solid	Moisture	

General Chemistry

Analysis Batch: 1067832

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
460-336761-21	49C1_1-2	Total/NA	Solid	Moisture	
460-336761-22	49C2_2-3	Total/NA	Solid	Moisture	
460-336761-23	49C3_3-4	Total/NA	Solid	Moisture	
460-336761-24	49C1_5-6	Total/NA	Solid	Moisture	
460-336761-25	49C2_7-8	Total/NA	Solid	Moisture	
460-336761-26	49C3_8-9	Total/NA	Solid	Moisture	
460-336761-27	49C1_9-10	Total/NA	Solid	Moisture	
460-336761-28	49D1_1-2	Total/NA	Solid	Moisture	
460-336761-29	49D2_2-3	Total/NA	Solid	Moisture	
460-336761-30	49D3_3-4	Total/NA	Solid	Moisture	
460-336761-31	49D1_4-5	Total/NA	Solid	Moisture	
460-336761-32	49D2_5-6	Total/NA	Solid	Moisture	
460-336761-33	49D3_6-7	Total/NA	Solid	Moisture	
460-336761-34	49D1_7-8	Total/NA	Solid	Moisture	
460-336175-A-62 DU	Duplicate	Total/NA	Solid	Moisture	

Analysis Batch: 1067833

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
460-336761-35	5A1_1-2	Total/NA	Solid	Moisture	
460-336761-36	5A2_2-3	Total/NA	Solid	Moisture	
460-336761-37	5A3_4-5	Total/NA	Solid	Moisture	
460-336761-38	5A1_5-6	Total/NA	Solid	Moisture	
460-336761-39	5A2_7-8	Total/NA	Solid	Moisture	
460-336761-40	5A3_8-9	Total/NA	Solid	Moisture	
460-336761-41	5A1_9-10	Total/NA	Solid	Moisture	
460-336761-42	5B1_1-2	Total/NA	Solid	Moisture	
460-336761-43	5B2_2-3	Total/NA	Solid	Moisture	
460-336761-44	5B3_3-4	Total/NA	Solid	Moisture	
460-336761-45	5B1_5-6	Total/NA	Solid	Moisture	
460-336761-46	5B2_6-7	Total/NA	Solid	Moisture	
460-336761-47	5B3_8-9	Total/NA	Solid	Moisture	
460-336761-48	5B2_9-10	Total/NA	Solid	Moisture	
460-336761-49	5C1_1-2	Total/NA	Solid	Moisture	
460-336761-50	5C2_3-4	Total/NA	Solid	Moisture	
460-336761-51	5C3_4-5	Total/NA	Solid	Moisture	
460-336761-52	5C1_5-6	Total/NA	Solid	Moisture	
460-336761-53	5C2_6-7	Total/NA	Solid	Moisture	
460-336761-54	5C3_8-9	Total/NA	Solid	Moisture	
460-336761-55	5C3_9-10	Total/NA	Solid	Moisture	
460-336761-56	5D1_1-2	Total/NA	Solid	Moisture	
460-336761-57	5D2_3-4	Total/NA	Solid	Moisture	
460-336761-58	5D3_4-5	Total/NA	Solid	Moisture	
460-336761-59	5D1_5-6	Total/NA	Solid	Moisture	
460-336761-60	5D2_7-8	Total/NA	Solid	Moisture	
460-336761-61	5D3_8-9	Total/NA	Solid	Moisture	
460-336761-62	5D2_9-10	Total/NA	Solid	Moisture	
460-336761-63	5E1_1-2	Total/NA	Solid	Moisture	
460-336761-64	5E2_3-4	Total/NA	Solid	Moisture	
460-336761-65	5E3_4-5	Total/NA	Solid	Moisture	
460-336761-66	5E1_6-7	Total/NA	Solid	Moisture	
460-336761-67	5E2_7-8	Total/NA	Solid	Moisture	

General Chemistry (Continued)

Analysis Batch: 1067833 (Continued)

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
460-336761-68	5E3_8-9	Total/NA	Solid	Moisture	
460-336761-69	5E1_9-10	Total/NA	Solid	Moisture	
460-336761-70	3B1_1-2	Total/NA	Solid	Moisture	
460-336761-71	3B2_2-3	Total/NA	Solid	Moisture	
460-336761-72	3B3_4-5	Total/NA	Solid	Moisture	
460-336761-73	3B1_6-7	Total/NA	Solid	Moisture	
460-336761-74	3B2_8-9	Total/NA	Solid	Moisture	
460-336761-75	3B3_10-11	Total/NA	Solid	Moisture	
460-336761-76	3B3_11-12	Total/NA	Solid	Moisture	
460-336761-77	3C1_1-2	Total/NA	Solid	Moisture	
460-336761-78	3C2_2-3	Total/NA	Solid	Moisture	
460-336761-79	3C3_4-5	Total/NA	Solid	Moisture	
460-336761-80	3C1_5-6	Total/NA	Solid	Moisture	
460-336761-81	3C2_7-8	Total/NA	Solid	Moisture	
460-336761-82	3C3_9-10	Total/NA	Solid	Moisture	
460-336761-83	3C1_10-11	Total/NA	Solid	Moisture	
460-336761-84	3D1_1-2	Total/NA	Solid	Moisture	
460-336761-85	3D2_3-4	Total/NA	Solid	Moisture	
460-336761-86	3D3_5-6	Total/NA	Solid	Moisture	
460-336761-87	3D1_6-7	Total/NA	Solid	Moisture	
460-336761-88	3D2_7-8	Total/NA	Solid	Moisture	
460-336761-89	3D3_9-10	Total/NA	Solid	Moisture	
460-336761-90	3D1_11-12	Total/NA	Solid	Moisture	
460-336761-35 DU	5A1_1-2	Total/NA	Solid	Moisture	
460-336761-55 DU	5C3_9-10	Total/NA	Solid	Moisture	
460-336761-75 DU	3B3_10-11	Total/NA	Solid	Moisture	

Lab Chronicle

Client: Haley & Aldrich, Inc.
Project/Site: Former Port Mobil

Job ID: 460-336761-1

Client Sample ID: 49C_0-5
Date Collected: 10/08/25 08:00
Date Received: 10/08/25 17:00

Lab Sample ID: 460-336761-1
Matrix: Solid

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Analysis	Moisture		1	1067125	CJC	EET EDI	10/09/25 15:51

Client Sample ID: 49C_0-5
Date Collected: 10/08/25 08:00
Date Received: 10/08/25 17:00

Lab Sample ID: 460-336761-1
Matrix: Solid
Percent Solids: 92.5

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Prep	3546			1067279	BJB	EET EDI	10/10/25 06:36
Total/NA	Analysis	8270E		1	1067343	DXD	EET EDI	10/10/25 12:35
Total/NA	Prep	3546			1067152	ARA	EET EDI	10/09/25 17:52
Total/NA	Analysis	8081B		1	1067332	FAM	EET EDI	10/10/25 14:46
Total/NA	Prep	3546			1067144	ARA	EET EDI	10/09/25 17:24
Total/NA	Analysis	8082A		1	1067480	JHP	EET EDI	10/10/25 20:03
Total/NA	Prep	1633A Shake			714441	D5RZ	ELLE	10/15/25 14:07
Total/NA	Analysis	1633A		1	715092	VGQ7	ELLE	10/17/25 11:45
Total/NA	Prep	3050B			1068464	FBT	EET EDI	10/15/25 11:04
Total/NA	Analysis	6020B		1	1068584	CDC	EET EDI	10/15/25 16:32
Total/NA	Prep	7471B			1068948	FBT	EET EDI	10/17/25 05:53
Total/NA	Analysis	7471B		1	1069101	LBD	EET EDI	10/17/25 12:07

Client Sample ID: 49C_5-10
Date Collected: 10/08/25 08:05
Date Received: 10/08/25 17:00

Lab Sample ID: 460-336761-2
Matrix: Solid

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Analysis	Moisture		1	1067125	CJC	EET EDI	10/09/25 15:51

Client Sample ID: 49C_5-10
Date Collected: 10/08/25 08:05
Date Received: 10/08/25 17:00

Lab Sample ID: 460-336761-2
Matrix: Solid
Percent Solids: 92.6

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Prep	3546			1067279	BJB	EET EDI	10/10/25 06:36
Total/NA	Analysis	8270E		1	1067343	DXD	EET EDI	10/10/25 12:53
Total/NA	Prep	3546			1067152	ARA	EET EDI	10/09/25 17:52
Total/NA	Analysis	8081B		1	1067332	FAM	EET EDI	10/10/25 15:26
Total/NA	Prep	3546			1067144	ARA	EET EDI	10/09/25 17:24
Total/NA	Analysis	8082A		1	1067480	JHP	EET EDI	10/10/25 20:21
Total/NA	Prep	1633A Shake			714441	D5RZ	ELLE	10/15/25 14:07
Total/NA	Analysis	1633A		1	715092	VGQ7	ELLE	10/17/25 12:00
Total/NA	Prep	3050B			1068464	FBT	EET EDI	10/15/25 11:04
Total/NA	Analysis	6020B		1	1068584	CDC	EET EDI	10/15/25 16:38
Total/NA	Prep	7471B			1068948	FBT	EET EDI	10/17/25 05:53
Total/NA	Analysis	7471B		1	1069101	LBD	EET EDI	10/17/25 12:18

Lab Chronicle

Client: Haley & Aldrich, Inc.
Project/Site: Former Port Mobil

Job ID: 460-336761-1

Client Sample ID: 49D_0-5
Date Collected: 10/08/25 08:10
Date Received: 10/08/25 17:00

Lab Sample ID: 460-336761-3
Matrix: Solid

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Analysis	Moisture		1	1067125	CJC	EET EDI	10/09/25 15:51

Client Sample ID: 49D_0-5
Date Collected: 10/08/25 08:10
Date Received: 10/08/25 17:00

Lab Sample ID: 460-336761-3
Matrix: Solid
Percent Solids: 91.0

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Prep	3546			1067279	BJB	EET EDI	10/10/25 06:36
Total/NA	Analysis	8270E		1	1067343	DXD	EET EDI	10/10/25 13:28
Total/NA	Prep	3546			1067152	ARA	EET EDI	10/09/25 17:52
Total/NA	Analysis	8081B		1	1067332	FAM	EET EDI	10/10/25 15:39
Total/NA	Prep	3546			1067144	ARA	EET EDI	10/09/25 17:24
Total/NA	Analysis	8082A		1	1067480	JHP	EET EDI	10/10/25 20:38
Total/NA	Prep	1633A Shake			714441	D5RZ	ELLE	10/15/25 14:07
Total/NA	Analysis	1633A		1	715092	VGQ7	ELLE	10/17/25 12:13
Total/NA	Prep	1633A Shake	DL		714441	D5RZ	ELLE	10/15/25 14:07
Total/NA	Analysis	1633A	DL	10	715116	DX7G	ELLE	10/17/25 15:31
Total/NA	Prep	3050B			1068464	FBT	EET EDI	10/15/25 11:04
Total/NA	Analysis	6020B		1	1068584	CDC	EET EDI	10/15/25 16:41
Total/NA	Prep	7471B			1068948	FBT	EET EDI	10/17/25 05:53
Total/NA	Analysis	7471B		1	1069101	LBD	EET EDI	10/17/25 12:21

Client Sample ID: 49D_5-10
Date Collected: 10/08/25 08:15
Date Received: 10/08/25 17:00

Lab Sample ID: 460-336761-4
Matrix: Solid

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Analysis	Moisture		1	1067125	CJC	EET EDI	10/09/25 15:51

Client Sample ID: 49D_5-10
Date Collected: 10/08/25 08:15
Date Received: 10/08/25 17:00

Lab Sample ID: 460-336761-4
Matrix: Solid
Percent Solids: 91.5

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Prep	3546			1067279	BJB	EET EDI	10/10/25 06:36
Total/NA	Analysis	8270E		1	1067343	DXD	EET EDI	10/10/25 13:45
Total/NA	Prep	3546			1067152	ARA	EET EDI	10/09/25 17:52
Total/NA	Analysis	8081B		1	1067332	FAM	EET EDI	10/10/25 15:52
Total/NA	Prep	3546			1067144	ARA	EET EDI	10/09/25 17:24
Total/NA	Analysis	8082A		1	1067480	JHP	EET EDI	10/10/25 20:55
Total/NA	Prep	1633A Shake			714441	D5RZ	ELLE	10/15/25 14:07
Total/NA	Analysis	1633A		1	715092	VGQ7	ELLE	10/17/25 12:27
Total/NA	Prep	3050B			1068464	FBT	EET EDI	10/15/25 11:04
Total/NA	Analysis	6020B		1	1068584	CDC	EET EDI	10/15/25 16:43

Lab Chronicle

Client: Haley & Aldrich, Inc.
Project/Site: Former Port Mobil

Job ID: 460-336761-1

Client Sample ID: 49D_5-10

Date Collected: 10/08/25 08:15
Date Received: 10/08/25 17:00

Lab Sample ID: 460-336761-4

Matrix: Solid
Percent Solids: 91.5

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Prep	7471B			1068948	FBT	EET EDI	10/17/25 05:53
Total/NA	Analysis	7471B		1	1069101	LBD	EET EDI	10/17/25 12:24

Client Sample ID: 5A_0-5

Date Collected: 10/08/25 09:30
Date Received: 10/08/25 17:00

Lab Sample ID: 460-336761-5

Matrix: Solid

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Analysis	Moisture		1	1067125	CJC	EET EDI	10/09/25 15:51

Client Sample ID: 5A_0-5

Date Collected: 10/08/25 09:30
Date Received: 10/08/25 17:00

Lab Sample ID: 460-336761-5

Matrix: Solid
Percent Solids: 92.3

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Prep	3546			1067279	BJB	EET EDI	10/10/25 06:36
Total/NA	Analysis	8270E		1	1067343	DXD	EET EDI	10/10/25 14:03
Total/NA	Prep	3546			1067152	ARA	EET EDI	10/09/25 17:52
Total/NA	Analysis	8081B		1	1067332	FAM	EET EDI	10/10/25 16:05
Total/NA	Prep	3546			1067144	ARA	EET EDI	10/09/25 17:24
Total/NA	Analysis	8082A		1	1067480	JHP	EET EDI	10/10/25 21:12
Total/NA	Prep	1633A Shake			714441	D5RZ	ELLE	10/15/25 14:07
Total/NA	Analysis	1633A		1	715092	VGQ7	ELLE	10/17/25 12:41
Total/NA	Prep	3050B			1068464	FBT	EET EDI	10/15/25 11:04
Total/NA	Analysis	6020B		1	1068584	CDC	EET EDI	10/15/25 16:52
Total/NA	Prep	7471B			1068948	FBT	EET EDI	10/17/25 05:53
Total/NA	Analysis	7471B		1	1069101	LBD	EET EDI	10/17/25 12:27

Client Sample ID: 5A_5-10

Date Collected: 10/08/25 09:35
Date Received: 10/08/25 17:00

Lab Sample ID: 460-336761-6

Matrix: Solid

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Analysis	Moisture		1	1067125	CJC	EET EDI	10/09/25 15:51

Client Sample ID: 5A_5-10

Date Collected: 10/08/25 09:35
Date Received: 10/08/25 17:00

Lab Sample ID: 460-336761-6

Matrix: Solid
Percent Solids: 88.8

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Prep	3546			1067279	BJB	EET EDI	10/10/25 06:36
Total/NA	Analysis	8270E		1	1067343	DXD	EET EDI	10/10/25 14:21
Total/NA	Prep	3546			1067152	ARA	EET EDI	10/09/25 17:52
Total/NA	Analysis	8081B		1	1067332	FAM	EET EDI	10/10/25 16:18
Total/NA	Prep	3546			1067144	ARA	EET EDI	10/09/25 17:24
Total/NA	Analysis	8082A		1	1067480	JHP	EET EDI	10/10/25 21:30

Lab Chronicle

Client: Haley & Aldrich, Inc.
Project/Site: Former Port Mobil

Job ID: 460-336761-1

Client Sample ID: 5A_5-10
Date Collected: 10/08/25 09:35
Date Received: 10/08/25 17:00

Lab Sample ID: 460-336761-6
Matrix: Solid
Percent Solids: 88.8

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Prep	1633A Shake			714441	D5RZ	ELLE	10/15/25 14:07
Total/NA	Analysis	1633A		1	715092	VGQ7	ELLE	10/17/25 12:54
Total/NA	Prep	3050B			1068464	FBT	EET EDI	10/15/25 11:04
Total/NA	Analysis	6020B		1	1068584	CDC	EET EDI	10/15/25 16:55
Total/NA	Prep	7471B			1068948	FBT	EET EDI	10/17/25 05:53
Total/NA	Analysis	7471B		1	1069101	LBD	EET EDI	10/17/25 12:35

Client Sample ID: 5B_0-5
Date Collected: 10/08/25 09:40
Date Received: 10/08/25 17:00

Lab Sample ID: 460-336761-7
Matrix: Solid

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Analysis	Moisture		1	1067125	CJC	EET EDI	10/09/25 15:51

Client Sample ID: 5B_0-5
Date Collected: 10/08/25 09:40
Date Received: 10/08/25 17:00

Lab Sample ID: 460-336761-7
Matrix: Solid
Percent Solids: 91.0

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Prep	3546			1067279	BJB	EET EDI	10/10/25 06:36
Total/NA	Analysis	8270E		1	1067343	DXD	EET EDI	10/10/25 13:10
Total/NA	Prep	3546			1067152	ARA	EET EDI	10/09/25 17:52
Total/NA	Analysis	8081B		1	1067332	FAM	EET EDI	10/10/25 16:31
Total/NA	Prep	3546			1067144	ARA	EET EDI	10/09/25 17:24
Total/NA	Analysis	8082A		1	1067480	JHP	EET EDI	10/10/25 21:47
Total/NA	Prep	1633A Shake			714441	D5RZ	ELLE	10/15/25 14:07
Total/NA	Analysis	1633A		1	715092	VGQ7	ELLE	10/17/25 13:08
Total/NA	Prep	3050B			1068464	FBT	EET EDI	10/15/25 11:04
Total/NA	Analysis	6020B		1	1068584	CDC	EET EDI	10/15/25 16:58
Total/NA	Prep	7471B			1068948	FBT	EET EDI	10/17/25 05:53
Total/NA	Analysis	7471B		1	1069101	LBD	EET EDI	10/17/25 12:38

Client Sample ID: 5B_5-10
Date Collected: 10/08/25 09:45
Date Received: 10/08/25 17:00

Lab Sample ID: 460-336761-8
Matrix: Solid

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Analysis	Moisture		1	1067125	CJC	EET EDI	10/09/25 15:51

Client Sample ID: 5B_5-10
Date Collected: 10/08/25 09:45
Date Received: 10/08/25 17:00

Lab Sample ID: 460-336761-8
Matrix: Solid
Percent Solids: 92.2

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Prep	3546			1067311	FHW	EET EDI	10/10/25 08:26
Total/NA	Analysis	8270E		1	1067493	YAH	EET EDI	10/10/25 22:39

Lab Chronicle

Client: Haley & Aldrich, Inc.
Project/Site: Former Port Mobil

Job ID: 460-336761-1

Client Sample ID: 5B_5-10

Lab Sample ID: 460-336761-8

Date Collected: 10/08/25 09:45
Matrix: Solid
Date Received: 10/08/25 17:00
Percent Solids: 92.2

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Prep	3546			1067152	ARA	EET EDI	10/09/25 17:52
Total/NA	Analysis	8081B		1	1067332	FAM	EET EDI	10/10/25 16:44
Total/NA	Prep	3546			1067144	ARA	EET EDI	10/09/25 17:24
Total/NA	Analysis	8082A		1	1067480	JHP	EET EDI	10/10/25 22:04
Total/NA	Prep	1633A Shake			714441	D5RZ	ELLE	10/15/25 14:07
Total/NA	Analysis	1633A		1	715092	VGQ7	ELLE	10/17/25 13:23
Total/NA	Prep	3050B			1068464	FBT	EET EDI	10/15/25 11:04
Total/NA	Analysis	6020B		1	1068584	CDC	EET EDI	10/15/25 17:01
Total/NA	Prep	7471B			1068948	FBT	EET EDI	10/17/25 05:53
Total/NA	Analysis	7471B		1	1069101	LBD	EET EDI	10/17/25 12:41

Client Sample ID: 5C_0-5

Lab Sample ID: 460-336761-9

Date Collected: 10/08/25 09:50
Matrix: Solid
Date Received: 10/08/25 17:00

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Analysis	Moisture		1	1067125	CJC	EET EDI	10/09/25 15:51

Client Sample ID: 5C_0-5

Lab Sample ID: 460-336761-9

Date Collected: 10/08/25 09:50
Matrix: Solid
Date Received: 10/08/25 17:00
Percent Solids: 88.4

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Prep	3546			1067311	FHW	EET EDI	10/10/25 08:26
Total/NA	Analysis	8270E		1	1067493	YAH	EET EDI	10/10/25 23:02
Total/NA	Prep	3546			1067152	ARA	EET EDI	10/09/25 17:52
Total/NA	Analysis	8081B		1	1067332	FAM	EET EDI	10/10/25 16:57
Total/NA	Prep	3546			1067144	ARA	EET EDI	10/09/25 17:24
Total/NA	Analysis	8082A		1	1067480	JHP	EET EDI	10/10/25 22:22
Total/NA	Prep	1633A Shake			714115	RC3V	ELLE	10/15/25 07:11
Total/NA	Analysis	1633A		1	714967	P7EB	ELLE	10/16/25 10:45
Total/NA	Prep	3050B			1068464	FBT	EET EDI	10/15/25 11:04
Total/NA	Analysis	6020B		1	1068584	CDC	EET EDI	10/15/25 17:04
Total/NA	Prep	7471B			1068948	FBT	EET EDI	10/17/25 05:53
Total/NA	Analysis	7471B		1	1069101	LBD	EET EDI	10/17/25 12:44

Client Sample ID: 5C_5-10

Lab Sample ID: 460-336761-10

Date Collected: 10/08/25 09:55
Matrix: Solid
Date Received: 10/08/25 17:00

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Analysis	Moisture		1	1067125	CJC	EET EDI	10/09/25 15:51

Lab Chronicle

Client: Haley & Aldrich, Inc.
Project/Site: Former Port Mobil

Job ID: 460-336761-1

Client Sample ID: 5C_5-10

Lab Sample ID: 460-336761-10

Date Collected: 10/08/25 09:55
Date Received: 10/08/25 17:00

Matrix: Solid
Percent Solids: 89.4

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Prep	3546			1067311	FHW	EET EDI	10/10/25 08:26
Total/NA	Analysis	8270E		1	1067493	YAH	EET EDI	10/10/25 23:24
Total/NA	Prep	3546			1067152	ARA	EET EDI	10/09/25 17:52
Total/NA	Analysis	8081B		1	1067332	FAM	EET EDI	10/10/25 17:10
Total/NA	Prep	3546			1067144	ARA	EET EDI	10/09/25 17:24
Total/NA	Analysis	8082A		1	1067480	JHP	EET EDI	10/10/25 22:39
Total/NA	Prep	1633A Shake			714115	RC3V	ELLE	10/15/25 07:11
Total/NA	Analysis	1633A		1	714967	P7EB	ELLE	10/16/25 10:59
Total/NA	Prep	3050B			1068464	FBT	EET EDI	10/15/25 11:04
Total/NA	Analysis	6020B		1	1068584	CDC	EET EDI	10/15/25 17:07
Total/NA	Prep	7471B			1068948	FBT	EET EDI	10/17/25 05:53
Total/NA	Analysis	7471B		1	1069101	LBD	EET EDI	10/17/25 12:47

Client Sample ID: 5D_0-5

Lab Sample ID: 460-336761-11

Date Collected: 10/08/25 10:00
Date Received: 10/08/25 17:00

Matrix: Solid

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Analysis	Moisture		1	1067125	CJC	EET EDI	10/09/25 15:51

Client Sample ID: 5D_0-5

Lab Sample ID: 460-336761-11

Date Collected: 10/08/25 10:00
Date Received: 10/08/25 17:00

Matrix: Solid
Percent Solids: 91.7

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Prep	3546			1067311	FHW	EET EDI	10/10/25 08:26
Total/NA	Analysis	8270E		1	1067493	YAH	EET EDI	10/10/25 23:46
Total/NA	Prep	3546			1067152	ARA	EET EDI	10/09/25 17:52
Total/NA	Analysis	8081B		1	1067332	FAM	EET EDI	10/10/25 17:23
Total/NA	Prep	3546			1067144	ARA	EET EDI	10/09/25 17:24
Total/NA	Analysis	8082A		1	1067480	JHP	EET EDI	10/10/25 22:56
Total/NA	Prep	1633A Shake			714115	RC3V	ELLE	10/15/25 07:11
Total/NA	Analysis	1633A		1	714967	P7EB	ELLE	10/16/25 11:12
Total/NA	Prep	3050B			1067838	GAE	EET EDI	10/12/25 19:15
Total/NA	Analysis	6020B		1	1067979	CDC	EET EDI	10/13/25 15:03
Total/NA	Prep	7471B			1068948	FBT	EET EDI	10/17/25 05:53
Total/NA	Analysis	7471B		1	1069101	LBD	EET EDI	10/17/25 12:50

Client Sample ID: 5D_5-10

Lab Sample ID: 460-336761-12

Date Collected: 10/08/25 10:05
Date Received: 10/08/25 17:00

Matrix: Solid

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Analysis	Moisture		1	1067125	CJC	EET EDI	10/09/25 15:51

Client Sample ID: 5D_5-10

Lab Sample ID: 460-336761-12

Date Collected: 10/08/25 10:05

Matrix: Solid

Date Received: 10/08/25 17:00

Percent Solids: 90.5

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Prep	3546			1067311	FHW	EET EDI	10/10/25 08:26
Total/NA	Analysis	8270E		1	1067493	YAH	EET EDI	10/11/25 00:09
Total/NA	Prep	3546			1067152	ARA	EET EDI	10/09/25 17:52
Total/NA	Analysis	8081B		1	1067332	FAM	EET EDI	10/10/25 17:36
Total/NA	Prep	3546			1067144	ARA	EET EDI	10/09/25 17:24
Total/NA	Analysis	8082A		1	1067480	JHP	EET EDI	10/10/25 23:14
Total/NA	Prep	1633A Shake			714115	RC3V	ELLE	10/15/25 07:11
Total/NA	Analysis	1633A		1	714967	P7EB	ELLE	10/16/25 11:26
Total/NA	Prep	3050B			1067838	GAE	EET EDI	10/12/25 19:15
Total/NA	Analysis	6020B		1	1067979	CDC	EET EDI	10/13/25 15:06
Total/NA	Prep	7471B			1068948	FBT	EET EDI	10/17/25 05:53
Total/NA	Analysis	7471B		1	1069101	LBD	EET EDI	10/17/25 12:53

Client Sample ID: 5E_0-5

Lab Sample ID: 460-336761-13

Date Collected: 10/08/25 10:10

Matrix: Solid

Date Received: 10/08/25 17:00

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Analysis	Moisture		1	1067128	CJC	EET EDI	10/09/25 15:55

Client Sample ID: 5E_0-5

Lab Sample ID: 460-336761-13

Date Collected: 10/08/25 10:10

Matrix: Solid

Date Received: 10/08/25 17:00

Percent Solids: 91.4

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Prep	3546			1067311	FHW	EET EDI	10/10/25 08:26
Total/NA	Analysis	8270E		1	1067493	YAH	EET EDI	10/11/25 00:31
Total/NA	Prep	3546			1067152	ARA	EET EDI	10/09/25 17:52
Total/NA	Analysis	8081B		1	1067332	FAM	EET EDI	10/10/25 17:50
Total/NA	Prep	3546			1067144	ARA	EET EDI	10/09/25 17:24
Total/NA	Analysis	8082A		1	1067480	JHP	EET EDI	10/10/25 23:31
Total/NA	Prep	1633A Shake			714115	RC3V	ELLE	10/15/25 07:11
Total/NA	Analysis	1633A		1	714967	P7EB	ELLE	10/16/25 12:47
Total/NA	Prep	3050B			1067838	GAE	EET EDI	10/12/25 19:15
Total/NA	Analysis	6020B		1	1067979	CDC	EET EDI	10/13/25 15:08
Total/NA	Prep	7471B			1068948	FBT	EET EDI	10/17/25 05:53
Total/NA	Analysis	7471B		1	1069101	LBD	EET EDI	10/17/25 12:56

Client Sample ID: 5E_5-10

Lab Sample ID: 460-336761-14

Date Collected: 10/08/25 10:15

Matrix: Solid

Date Received: 10/08/25 17:00

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Analysis	Moisture		1	1067128	CJC	EET EDI	10/09/25 15:55

Lab Chronicle

Client: Haley & Aldrich, Inc.
Project/Site: Former Port Mobil

Job ID: 460-336761-1

Client Sample ID: 5E_5-10

Lab Sample ID: 460-336761-14

Date Collected: 10/08/25 10:15

Matrix: Solid

Date Received: 10/08/25 17:00

Percent Solids: 89.2

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Prep	3546			1067311	FHW	EET EDI	10/10/25 08:26
Total/NA	Analysis	8270E		1	1067493	YAH	EET EDI	10/11/25 00:53
Total/NA	Prep	3546			1067152	ARA	EET EDI	10/09/25 17:52
Total/NA	Analysis	8081B		1	1067332	FAM	EET EDI	10/10/25 18:03
Total/NA	Prep	3546			1067144	ARA	EET EDI	10/09/25 17:24
Total/NA	Analysis	8082A		1	1067480	JHP	EET EDI	10/10/25 23:48
Total/NA	Prep	1633A Shake			714115	RC3V	ELLE	10/15/25 07:11
Total/NA	Analysis	1633A		1	714967	P7EB	ELLE	10/16/25 13:01
Total/NA	Prep	3050B			1067838	GAE	EET EDI	10/12/25 19:15
Total/NA	Analysis	6020B		1	1067979	CDC	EET EDI	10/13/25 15:11
Total/NA	Prep	7471B			1068948	FBT	EET EDI	10/17/25 05:53
Total/NA	Analysis	7471B		1	1069101	LBD	EET EDI	10/17/25 12:59

Client Sample ID: 3B_0-7

Lab Sample ID: 460-336761-15

Date Collected: 10/08/25 15:00

Matrix: Solid

Date Received: 10/08/25 17:00

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Analysis	Moisture		1	1067128	CJC	EET EDI	10/09/25 15:55

Client Sample ID: 3B_0-7

Lab Sample ID: 460-336761-15

Date Collected: 10/08/25 15:00

Matrix: Solid

Date Received: 10/08/25 17:00

Percent Solids: 90.7

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Prep	3546			1067311	FHW	EET EDI	10/10/25 08:26
Total/NA	Analysis	8270E		1	1067493	YAH	EET EDI	10/11/25 01:16
Total/NA	Prep	3546			1067152	ARA	EET EDI	10/09/25 17:52
Total/NA	Analysis	8081B		1	1067332	FAM	EET EDI	10/10/25 18:16
Total/NA	Prep	3546			1067144	ARA	EET EDI	10/09/25 17:24
Total/NA	Analysis	8082A		1	1067480	JHP	EET EDI	10/11/25 00:05
Total/NA	Prep	1633A Shake			714115	RC3V	ELLE	10/15/25 07:11
Total/NA	Analysis	1633A		1	714967	P7EB	ELLE	10/16/25 13:14
Total/NA	Prep	3050B			1067838	GAE	EET EDI	10/12/25 19:15
Total/NA	Analysis	6020B		1	1067979	CDC	EET EDI	10/13/25 15:13
Total/NA	Prep	7471B			1068948	FBT	EET EDI	10/17/25 05:53
Total/NA	Analysis	7471B		1	1069101	LBD	EET EDI	10/17/25 13:01

Client Sample ID: 3B_7-14

Lab Sample ID: 460-336761-16

Date Collected: 10/08/25 15:05

Matrix: Solid

Date Received: 10/08/25 17:00

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Analysis	Moisture		1	1067128	CJC	EET EDI	10/09/25 15:55

Lab Chronicle

Client: Haley & Aldrich, Inc.
Project/Site: Former Port Mobil

Job ID: 460-336761-1

Client Sample ID: 3B_7-14

Lab Sample ID: 460-336761-16

Date Collected: 10/08/25 15:05
Matrix: Solid
Date Received: 10/08/25 17:00
Percent Solids: 88.7

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Prep	3546			1067311	FHW	EET EDI	10/10/25 08:26
Total/NA	Analysis	8270E		1	1067493	YAH	EET EDI	10/11/25 01:38
Total/NA	Prep	3546			1067152	ARA	EET EDI	10/09/25 17:52
Total/NA	Analysis	8081B		1	1067332	FAM	EET EDI	10/10/25 18:29
Total/NA	Prep	3546			1067144	ARA	EET EDI	10/09/25 17:24
Total/NA	Analysis	8082A		1	1067480	JHP	EET EDI	10/11/25 00:23
Total/NA	Prep	1633A Shake			714115	RC3V	ELLE	10/15/25 07:11
Total/NA	Analysis	1633A		1	714967	P7EB	ELLE	10/16/25 13:28
Total/NA	Prep	3050B			1067838	GAE	EET EDI	10/12/25 19:15
Total/NA	Analysis	6020B		1	1067979	CDC	EET EDI	10/13/25 15:16
Total/NA	Prep	7471B			1068948	FBT	EET EDI	10/17/25 05:53
Total/NA	Analysis	7471B		1	1069101	LBD	EET EDI	10/17/25 13:10

Client Sample ID: 3C_0-7

Lab Sample ID: 460-336761-17

Date Collected: 10/08/25 15:10
Matrix: Solid
Date Received: 10/08/25 17:00

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Analysis	Moisture		1	1067128	CJC	EET EDI	10/09/25 15:55

Client Sample ID: 3C_0-7

Lab Sample ID: 460-336761-17

Date Collected: 10/08/25 15:10
Matrix: Solid
Date Received: 10/08/25 17:00
Percent Solids: 91.4

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Prep	3546			1067311	FHW	EET EDI	10/10/25 08:26
Total/NA	Analysis	8270E		1	1067493	YAH	EET EDI	10/11/25 02:01
Total/NA	Prep	3546			1067152	ARA	EET EDI	10/09/25 17:52
Total/NA	Analysis	8081B		1	1067332	FAM	EET EDI	10/10/25 18:42
Total/NA	Prep	3546			1067144	ARA	EET EDI	10/09/25 17:24
Total/NA	Analysis	8082A		1	1067480	JHP	EET EDI	10/11/25 00:40
Total/NA	Prep	1633A Shake			714115	RC3V	ELLE	10/15/25 07:11
Total/NA	Analysis	1633A		1	714967	P7EB	ELLE	10/16/25 13:42
Total/NA	Prep	3050B			1068464	FBT	EET EDI	10/15/25 11:04
Total/NA	Analysis	6020B		1	1068584	CDC	EET EDI	10/15/25 17:10
Total/NA	Prep	7471B			1068948	FBT	EET EDI	10/17/25 05:53
Total/NA	Analysis	7471B		1	1069101	LBD	EET EDI	10/17/25 13:13

Client Sample ID: 3C_7-14

Lab Sample ID: 460-336761-18

Date Collected: 10/08/25 15:25
Matrix: Solid
Date Received: 10/08/25 17:00

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Analysis	Moisture		1	1067128	CJC	EET EDI	10/09/25 15:55

Lab Chronicle

Client: Haley & Aldrich, Inc.
Project/Site: Former Port Mobil

Job ID: 460-336761-1

Client Sample ID: 3C_7-14

Lab Sample ID: 460-336761-18
Date Collected: 10/08/25 15:25
Matrix: Solid
Date Received: 10/08/25 17:00
Percent Solids: 89.3

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Prep	3546			1067311	FHW	EET EDI	10/10/25 08:26
Total/NA	Analysis	8270E		1	1067493	YAH	EET EDI	10/11/25 02:23
Total/NA	Prep	3546			1067152	ARA	EET EDI	10/09/25 17:52
Total/NA	Analysis	8081B		1	1067332	FAM	EET EDI	10/10/25 18:55
Total/NA	Prep	3546			1067144	ARA	EET EDI	10/09/25 17:24
Total/NA	Analysis	8082A		1	1067480	JHP	EET EDI	10/11/25 00:57
Total/NA	Prep	1633A Shake			714115	RC3V	ELLE	10/15/25 07:11
Total/NA	Analysis	1633A		1	714967	P7EB	ELLE	10/16/25 14:50
Total/NA	Prep	3050B			1068464	FBT	EET EDI	10/15/25 11:04
Total/NA	Analysis	6020B		1	1068584	CDC	EET EDI	10/15/25 17:13
Total/NA	Prep	7471B			1068948	FBT	EET EDI	10/17/25 05:53
Total/NA	Analysis	7471B		1	1069101	LBD	EET EDI	10/17/25 13:16

Client Sample ID: 3D_0-7

Lab Sample ID: 460-336761-19
Date Collected: 10/08/25 15:20
Matrix: Solid
Date Received: 10/08/25 17:00

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Analysis	Moisture		1	1067128	CJC	EET EDI	10/09/25 15:55

Client Sample ID: 3D_0-7

Lab Sample ID: 460-336761-19
Date Collected: 10/08/25 15:20
Matrix: Solid
Date Received: 10/08/25 17:00
Percent Solids: 92.3

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Prep	3546			1067311	FHW	EET EDI	10/10/25 08:26
Total/NA	Analysis	8270E		1	1067493	YAH	EET EDI	10/11/25 02:46
Total/NA	Prep	3546			1067152	ARA	EET EDI	10/09/25 17:52
Total/NA	Analysis	8081B		1	1067332	FAM	EET EDI	10/10/25 19:08
Total/NA	Prep	3546			1067144	ARA	EET EDI	10/09/25 17:24
Total/NA	Analysis	8082A		1	1067480	JHP	EET EDI	10/11/25 01:15
Total/NA	Prep	1633A Shake			714115	RC3V	ELLE	10/15/25 07:11
Total/NA	Analysis	1633A		1	714967	P7EB	ELLE	10/16/25 15:03
Total/NA	Prep	3050B			1068464	FBT	EET EDI	10/15/25 11:04
Total/NA	Analysis	6020B		1	1068584	CDC	EET EDI	10/15/25 17:16
Total/NA	Prep	7471B			1068948	FBT	EET EDI	10/17/25 05:53
Total/NA	Analysis	7471B		1	1069101	LBD	EET EDI	10/17/25 13:19

Client Sample ID: 3D_7-14

Lab Sample ID: 460-336761-20
Date Collected: 10/08/25 15:15
Matrix: Solid
Date Received: 10/08/25 17:00

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Analysis	Moisture		1	1067128	CJC	EET EDI	10/09/25 15:55

Lab Chronicle

Client: Haley & Aldrich, Inc.
Project/Site: Former Port Mobil

Job ID: 460-336761-1

Client Sample ID: 3D_7-14
Date Collected: 10/08/25 15:15
Date Received: 10/08/25 17:00

Lab Sample ID: 460-336761-20
Matrix: Solid
Percent Solids: 88.4

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Prep	3546			1067311	FHW	EET EDI	10/10/25 08:26
Total/NA	Analysis	8270E		1	1067493	YAH	EET EDI	10/11/25 03:08
Total/NA	Prep	3546			1067152	ARA	EET EDI	10/09/25 17:52
Total/NA	Analysis	8081B		1	1067332	FAM	EET EDI	10/10/25 19:21
Total/NA	Prep	3546			1067144	ARA	EET EDI	10/09/25 17:24
Total/NA	Analysis	8082A		1	1067480	JHP	EET EDI	10/11/25 01:32
Total/NA	Prep	1633A Shake			714115	RC3V	ELLE	10/15/25 07:11
Total/NA	Analysis	1633A		1	714967	P7EB	ELLE	10/16/25 15:17
Total/NA	Prep	3050B			1068464	FBT	EET EDI	10/15/25 11:04
Total/NA	Analysis	6020B		1	1068584	CDC	EET EDI	10/15/25 17:19
Total/NA	Prep	7471B			1068948	FBT	EET EDI	10/17/25 05:53
Total/NA	Analysis	7471B		1	1069101	LBD	EET EDI	10/17/25 13:22

Client Sample ID: 49C1_1-2
Date Collected: 10/08/25 08:20
Date Received: 10/08/25 17:00

Lab Sample ID: 460-336761-21
Matrix: Solid

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Analysis	Moisture		1	1067832	CJC	EET EDI	10/12/25 18:32

Client Sample ID: 49C1_1-2
Date Collected: 10/08/25 08:20
Date Received: 10/08/25 17:00

Lab Sample ID: 460-336761-21
Matrix: Solid
Percent Solids: 89.8

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Prep	5035			1067606	JCZ	EET EDI	10/11/25 10:11
Total/NA	Analysis	8260D		1	1067680	SZK	EET EDI	10/11/25 18:52

Client Sample ID: 49C2_2-3
Date Collected: 10/08/25 08:25
Date Received: 10/08/25 17:00

Lab Sample ID: 460-336761-22
Matrix: Solid

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Analysis	Moisture		1	1067832	CJC	EET EDI	10/12/25 18:32

Client Sample ID: 49C2_2-3
Date Collected: 10/08/25 08:25
Date Received: 10/08/25 17:00

Lab Sample ID: 460-336761-22
Matrix: Solid
Percent Solids: 89.4

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Prep	5035			1067606	JCZ	EET EDI	10/11/25 10:11
Total/NA	Analysis	8260D		1	1067702	EMM	EET EDI	10/11/25 18:04

Client Sample ID: 49C3_3-4
Date Collected: 10/08/25 08:30
Date Received: 10/08/25 17:00

Lab Sample ID: 460-336761-23
Matrix: Solid

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Analysis	Moisture		1	1067832	CJC	EET EDI	10/12/25 18:32

Client Sample ID: 49C3_3-4
Date Collected: 10/08/25 08:30
Date Received: 10/08/25 17:00

Lab Sample ID: 460-336761-23
Matrix: Solid
Percent Solids: 87.8

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Prep	5035			1067606	JCZ	EET EDI	10/11/25 10:11
Total/NA	Analysis	8260D		1	1067680	SZK	EET EDI	10/11/25 20:00

Client Sample ID: 49C1_5-6
Date Collected: 10/08/25 08:35
Date Received: 10/08/25 17:00

Lab Sample ID: 460-336761-24
Matrix: Solid

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Analysis	Moisture		1	1067832	CJC	EET EDI	10/12/25 18:32

Client Sample ID: 49C1_5-6
Date Collected: 10/08/25 08:35
Date Received: 10/08/25 17:00

Lab Sample ID: 460-336761-24
Matrix: Solid
Percent Solids: 90.0

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Prep	5035			1067606	JCZ	EET EDI	10/11/25 10:11
Total/NA	Analysis	8260D		1	1067680	SZK	EET EDI	10/11/25 20:24

Client Sample ID: 49C2_7-8
Date Collected: 10/08/25 08:40
Date Received: 10/08/25 17:00

Lab Sample ID: 460-336761-25
Matrix: Solid

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Analysis	Moisture		1	1067832	CJC	EET EDI	10/12/25 18:32

Client Sample ID: 49C2_7-8
Date Collected: 10/08/25 08:40
Date Received: 10/08/25 17:00

Lab Sample ID: 460-336761-25
Matrix: Solid
Percent Solids: 90.7

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Prep	5035			1067606	JCZ	EET EDI	10/11/25 10:12
Total/NA	Analysis	8260D		1	1067680	SZK	EET EDI	10/11/25 20:48

Client Sample ID: 49C3_8-9
Date Collected: 10/08/25 08:45
Date Received: 10/08/25 17:00

Lab Sample ID: 460-336761-26
Matrix: Solid

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Analysis	Moisture		1	1067832	CJC	EET EDI	10/12/25 18:32

Lab Chronicle

Client: Haley & Aldrich, Inc.
Project/Site: Former Port Mobil

Job ID: 460-336761-1

Client Sample ID: 49C3_8-9
Date Collected: 10/08/25 08:45
Date Received: 10/08/25 17:00

Lab Sample ID: 460-336761-26
Matrix: Solid
Percent Solids: 89.7

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Prep	5035			1067606	JCZ	EET EDI	10/11/25 10:12
Total/NA	Analysis	8260D		1	1067680	SZK	EET EDI	10/11/25 21:12

Client Sample ID: 49C1_9-10
Date Collected: 10/08/25 08:50
Date Received: 10/08/25 17:00

Lab Sample ID: 460-336761-27
Matrix: Solid

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Analysis	Moisture		1	1067832	CJC	EET EDI	10/12/25 18:32

Client Sample ID: 49C1_9-10
Date Collected: 10/08/25 08:50
Date Received: 10/08/25 17:00

Lab Sample ID: 460-336761-27
Matrix: Solid
Percent Solids: 89.7

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Prep	5035			1067606	JCZ	EET EDI	10/11/25 10:12
Total/NA	Analysis	8260D		1	1067680	SZK	EET EDI	10/11/25 21:36

Client Sample ID: 49D1_1-2
Date Collected: 10/08/25 08:55
Date Received: 10/08/25 17:00

Lab Sample ID: 460-336761-28
Matrix: Solid

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Analysis	Moisture		1	1067832	CJC	EET EDI	10/12/25 18:32

Client Sample ID: 49D1_1-2
Date Collected: 10/08/25 08:55
Date Received: 10/08/25 17:00

Lab Sample ID: 460-336761-28
Matrix: Solid
Percent Solids: 88.3

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Prep	5035			1067606	JCZ	EET EDI	10/11/25 10:13
Total/NA	Analysis	8260D		1	1067680	SZK	EET EDI	10/11/25 22:00

Client Sample ID: 49D2_2-3
Date Collected: 10/08/25 09:00
Date Received: 10/08/25 17:00

Lab Sample ID: 460-336761-29
Matrix: Solid

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Analysis	Moisture		1	1067832	CJC	EET EDI	10/12/25 18:32

Lab Chronicle

Client: Haley & Aldrich, Inc.
Project/Site: Former Port Mobil

Job ID: 460-336761-1

Client Sample ID: 49D2_2-3
Date Collected: 10/08/25 09:00
Date Received: 10/08/25 17:00

Lab Sample ID: 460-336761-29
Matrix: Solid
Percent Solids: 89.3

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Prep	5035			1067606	JCZ	EET EDI	10/11/25 10:13
Total/NA	Analysis	8260D		1	1067680	SZK	EET EDI	10/11/25 22:24

Client Sample ID: 49D3_3-4
Date Collected: 10/08/25 09:05
Date Received: 10/08/25 17:00

Lab Sample ID: 460-336761-30
Matrix: Solid

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Analysis	Moisture		1	1067832	CJC	EET EDI	10/12/25 18:32

Client Sample ID: 49D3_3-4
Date Collected: 10/08/25 09:05
Date Received: 10/08/25 17:00

Lab Sample ID: 460-336761-30
Matrix: Solid
Percent Solids: 87.9

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Prep	5035			1067606	JCZ	EET EDI	10/11/25 10:13
Total/NA	Analysis	8260D		1	1067680	SZK	EET EDI	10/11/25 22:48

Client Sample ID: 49D1_4-5
Date Collected: 10/08/25 09:10
Date Received: 10/08/25 17:00

Lab Sample ID: 460-336761-31
Matrix: Solid

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Analysis	Moisture		1	1067832	CJC	EET EDI	10/12/25 18:32

Client Sample ID: 49D1_4-5
Date Collected: 10/08/25 09:10
Date Received: 10/08/25 17:00

Lab Sample ID: 460-336761-31
Matrix: Solid
Percent Solids: 87.6

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Prep	5035			1067606	JCZ	EET EDI	10/11/25 10:14
Total/NA	Analysis	8260D		1	1067680	SZK	EET EDI	10/11/25 23:13

Client Sample ID: 49D2_5-6
Date Collected: 10/08/25 09:15
Date Received: 10/08/25 17:00

Lab Sample ID: 460-336761-32
Matrix: Solid

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Analysis	Moisture		1	1067832	CJC	EET EDI	10/12/25 18:32

Lab Chronicle

Client: Haley & Aldrich, Inc.
Project/Site: Former Port Mobil

Job ID: 460-336761-1

Client Sample ID: 49D2_5-6
Date Collected: 10/08/25 09:15
Date Received: 10/08/25 17:00

Lab Sample ID: 460-336761-32
Matrix: Solid
Percent Solids: 83.9

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Prep	5035			1067606	JCZ	EET EDI	10/11/25 10:14
Total/NA	Analysis	8260D		1	1067680	SZK	EET EDI	10/11/25 23:37

Client Sample ID: 49D3_6-7
Date Collected: 10/08/25 09:20
Date Received: 10/08/25 17:00

Lab Sample ID: 460-336761-33
Matrix: Solid

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Analysis	Moisture		1	1067832	CJC	EET EDI	10/12/25 18:32

Client Sample ID: 49D3_6-7
Date Collected: 10/08/25 09:20
Date Received: 10/08/25 17:00

Lab Sample ID: 460-336761-33
Matrix: Solid
Percent Solids: 88.3

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Prep	5035			1067606	JCZ	EET EDI	10/11/25 10:14
Total/NA	Analysis	8260D		1	1067680	SZK	EET EDI	10/12/25 00:01

Client Sample ID: 49D1_7-8
Date Collected: 10/08/25 09:25
Date Received: 10/08/25 17:00

Lab Sample ID: 460-336761-34
Matrix: Solid

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Analysis	Moisture		1	1067832	CJC	EET EDI	10/12/25 18:32

Client Sample ID: 49D1_7-8
Date Collected: 10/08/25 09:25
Date Received: 10/08/25 17:00

Lab Sample ID: 460-336761-34
Matrix: Solid
Percent Solids: 85.5

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Prep	5035			1067606	JCZ	EET EDI	10/11/25 10:14
Total/NA	Analysis	8260D		1	1067930	EMM	EET EDI	10/13/25 12:45

Client Sample ID: 5A1_1-2
Date Collected: 10/08/25 10:20
Date Received: 10/08/25 17:00

Lab Sample ID: 460-336761-35
Matrix: Solid

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Analysis	Moisture		1	1067833	CJC	EET EDI	10/12/25 17:49

Lab Chronicle

Client: Haley & Aldrich, Inc.
Project/Site: Former Port Mobil

Job ID: 460-336761-1

Client Sample ID: 5A1_1-2
Date Collected: 10/08/25 10:20
Date Received: 10/08/25 17:00

Lab Sample ID: 460-336761-35
Matrix: Solid
Percent Solids: 92.6

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Prep	5035			1067606	JCZ	EET EDI	10/11/25 10:15
Total/NA	Analysis	8260D		1	1067930	EMM	EET EDI	10/13/25 13:09

Client Sample ID: 5A2_2-3
Date Collected: 10/08/25 10:25
Date Received: 10/08/25 17:00

Lab Sample ID: 460-336761-36
Matrix: Solid

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Analysis	Moisture		1	1067833	CJC	EET EDI	10/12/25 17:49

Client Sample ID: 5A2_2-3
Date Collected: 10/08/25 10:25
Date Received: 10/08/25 17:00

Lab Sample ID: 460-336761-36
Matrix: Solid
Percent Solids: 91.0

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Prep	5035			1067606	JCZ	EET EDI	10/11/25 10:15
Total/NA	Analysis	8260D		1	1067682	SZK	EET EDI	10/12/25 07:21

Client Sample ID: 5A3_4-5
Date Collected: 10/08/25 10:30
Date Received: 10/08/25 17:00

Lab Sample ID: 460-336761-37
Matrix: Solid

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Analysis	Moisture		1	1067833	CJC	EET EDI	10/12/25 17:49

Client Sample ID: 5A3_4-5
Date Collected: 10/08/25 10:30
Date Received: 10/08/25 17:00

Lab Sample ID: 460-336761-37
Matrix: Solid
Percent Solids: 90.4

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Prep	5035			1067606	JCZ	EET EDI	10/11/25 10:15
Total/NA	Analysis	8260D		1	1067682	SZK	EET EDI	10/12/25 07:45

Client Sample ID: 5A1_5-6
Date Collected: 10/08/25 10:35
Date Received: 10/08/25 17:00

Lab Sample ID: 460-336761-38
Matrix: Solid

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Analysis	Moisture		1	1067833	CJC	EET EDI	10/12/25 17:49

Lab Chronicle

Client: Haley & Aldrich, Inc.
Project/Site: Former Port Mobil

Job ID: 460-336761-1

Client Sample ID: 5A1_5-6
Date Collected: 10/08/25 10:35
Date Received: 10/08/25 17:00

Lab Sample ID: 460-336761-38
Matrix: Solid
Percent Solids: 91.7

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Prep	5035			1067606	JCZ	EET EDI	10/11/25 10:16
Total/NA	Analysis	8260D		1	1067682	SZK	EET EDI	10/12/25 08:09

Client Sample ID: 5A2_7-8
Date Collected: 10/08/25 10:40
Date Received: 10/08/25 17:00

Lab Sample ID: 460-336761-39
Matrix: Solid

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Analysis	Moisture		1	1067833	CJC	EET EDI	10/12/25 17:49

Client Sample ID: 5A2_7-8
Date Collected: 10/08/25 10:40
Date Received: 10/08/25 17:00

Lab Sample ID: 460-336761-39
Matrix: Solid
Percent Solids: 89.5

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Prep	5035			1067606	JCZ	EET EDI	10/11/25 10:16
Total/NA	Analysis	8260D		1	1067682	SZK	EET EDI	10/12/25 08:33

Client Sample ID: 5A3_8-9
Date Collected: 10/08/25 10:45
Date Received: 10/08/25 17:00

Lab Sample ID: 460-336761-40
Matrix: Solid

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Analysis	Moisture		1	1067833	CJC	EET EDI	10/12/25 17:49

Client Sample ID: 5A3_8-9
Date Collected: 10/08/25 10:45
Date Received: 10/08/25 17:00

Lab Sample ID: 460-336761-40
Matrix: Solid
Percent Solids: 88.5

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Prep	5035			1067606	JCZ	EET EDI	10/11/25 10:16
Total/NA	Analysis	8260D		1	1067682	SZK	EET EDI	10/12/25 08:58

Client Sample ID: 5A1_9-10
Date Collected: 10/08/25 10:50
Date Received: 10/08/25 17:00

Lab Sample ID: 460-336761-41
Matrix: Solid

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Analysis	Moisture		1	1067833	CJC	EET EDI	10/12/25 17:49

Lab Chronicle

Client: Haley & Aldrich, Inc.
Project/Site: Former Port Mobil

Job ID: 460-336761-1

Client Sample ID: 5A1_9-10
Date Collected: 10/08/25 10:50
Date Received: 10/08/25 17:00

Lab Sample ID: 460-336761-41
Matrix: Solid
Percent Solids: 90.2

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Prep	5035			1067606	JCZ	EET EDI	10/11/25 10:17
Total/NA	Analysis	8260D		1	1067682	SZK	EET EDI	10/12/25 09:22

Client Sample ID: 5B1_1-2
Date Collected: 10/08/25 10:55
Date Received: 10/08/25 17:00

Lab Sample ID: 460-336761-42
Matrix: Solid

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Analysis	Moisture		1	1067833	CJC	EET EDI	10/12/25 17:49

Client Sample ID: 5B1_1-2
Date Collected: 10/08/25 10:55
Date Received: 10/08/25 17:00

Lab Sample ID: 460-336761-42
Matrix: Solid
Percent Solids: 90.5

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Prep	5035			1067606	JCZ	EET EDI	10/11/25 10:17
Total/NA	Analysis	8260D		1	1067682	SZK	EET EDI	10/12/25 09:46

Client Sample ID: 5B2_2-3
Date Collected: 10/08/25 11:00
Date Received: 10/08/25 17:00

Lab Sample ID: 460-336761-43
Matrix: Solid

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Analysis	Moisture		1	1067833	CJC	EET EDI	10/12/25 17:49

Client Sample ID: 5B2_2-3
Date Collected: 10/08/25 11:00
Date Received: 10/08/25 17:00

Lab Sample ID: 460-336761-43
Matrix: Solid
Percent Solids: 88.1

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Prep	5035			1067606	JCZ	EET EDI	10/11/25 10:17
Total/NA	Analysis	8260D		1	1067682	SZK	EET EDI	10/12/25 10:10

Client Sample ID: 5B3_3-4
Date Collected: 10/08/25 11:05
Date Received: 10/08/25 17:00

Lab Sample ID: 460-336761-44
Matrix: Solid

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Analysis	Moisture		1	1067833	CJC	EET EDI	10/12/25 17:49

Lab Chronicle

Client: Haley & Aldrich, Inc.
Project/Site: Former Port Mobil

Job ID: 460-336761-1

Client Sample ID: 5B3_3-4
Date Collected: 10/08/25 11:05
Date Received: 10/08/25 17:00

Lab Sample ID: 460-336761-44
Matrix: Solid
Percent Solids: 91.6

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Prep	5035			1067606	JCZ	EET EDI	10/11/25 10:18
Total/NA	Analysis	8260D		1	1067682	SZK	EET EDI	10/12/25 10:34

Client Sample ID: 5B1_5-6
Date Collected: 10/08/25 11:10
Date Received: 10/08/25 17:00

Lab Sample ID: 460-336761-45
Matrix: Solid

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Analysis	Moisture		1	1067833	CJC	EET EDI	10/12/25 17:49

Client Sample ID: 5B1_5-6
Date Collected: 10/08/25 11:10
Date Received: 10/08/25 17:00

Lab Sample ID: 460-336761-45
Matrix: Solid
Percent Solids: 89.1

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Prep	5035			1067606	JCZ	EET EDI	10/11/25 10:18
Total/NA	Analysis	8260D		1	1067682	SZK	EET EDI	10/12/25 10:58

Client Sample ID: 5B2_6-7
Date Collected: 10/08/25 11:15
Date Received: 10/08/25 17:00

Lab Sample ID: 460-336761-46
Matrix: Solid

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Analysis	Moisture		1	1067833	CJC	EET EDI	10/12/25 17:49

Client Sample ID: 5B2_6-7
Date Collected: 10/08/25 11:15
Date Received: 10/08/25 17:00

Lab Sample ID: 460-336761-46
Matrix: Solid
Percent Solids: 90.4

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Prep	5035			1067606	JCZ	EET EDI	10/11/25 10:18
Total/NA	Analysis	8260D		1	1067682	SZK	EET EDI	10/12/25 11:23

Client Sample ID: 5B3_8-9
Date Collected: 10/08/25 11:20
Date Received: 10/08/25 17:00

Lab Sample ID: 460-336761-47
Matrix: Solid

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Analysis	Moisture		1	1067833	CJC	EET EDI	10/12/25 17:49

Lab Chronicle

Client: Haley & Aldrich, Inc.
Project/Site: Former Port Mobil

Job ID: 460-336761-1

Client Sample ID: 5B3_8-9
Date Collected: 10/08/25 11:20
Date Received: 10/08/25 17:00

Lab Sample ID: 460-336761-47
Matrix: Solid
Percent Solids: 91.3

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Prep	5035			1067608	JCZ	EET EDI	10/11/25 10:28
Total/NA	Analysis	8260D		1	1067682	SZK	EET EDI	10/12/25 11:47

Client Sample ID: 5B2_9-10
Date Collected: 10/08/25 11:25
Date Received: 10/08/25 17:00

Lab Sample ID: 460-336761-48
Matrix: Solid

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Analysis	Moisture		1	1067833	CJC	EET EDI	10/12/25 17:49

Client Sample ID: 5B2_9-10
Date Collected: 10/08/25 11:25
Date Received: 10/08/25 17:00

Lab Sample ID: 460-336761-48
Matrix: Solid
Percent Solids: 91.4

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Prep	5035			1067608	JCZ	EET EDI	10/11/25 10:28
Total/NA	Analysis	8260D		1	1067682	SZK	EET EDI	10/12/25 12:11

Client Sample ID: 5C1_1-2
Date Collected: 10/08/25 11:30
Date Received: 10/08/25 17:00

Lab Sample ID: 460-336761-49
Matrix: Solid

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Analysis	Moisture		1	1067833	CJC	EET EDI	10/12/25 17:49

Client Sample ID: 5C1_1-2
Date Collected: 10/08/25 11:30
Date Received: 10/08/25 17:00

Lab Sample ID: 460-336761-49
Matrix: Solid
Percent Solids: 89.3

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Prep	5035			1067608	JCZ	EET EDI	10/11/25 10:28
Total/NA	Analysis	8260D		1	1067682	SZK	EET EDI	10/12/25 12:35

Client Sample ID: 5C2_3-4
Date Collected: 10/08/25 11:35
Date Received: 10/08/25 17:00

Lab Sample ID: 460-336761-50
Matrix: Solid

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Analysis	Moisture		1	1067833	CJC	EET EDI	10/12/25 17:49

Lab Chronicle

Client: Haley & Aldrich, Inc.
Project/Site: Former Port Mobil

Job ID: 460-336761-1

Client Sample ID: 5C2_3-4
Date Collected: 10/08/25 11:35
Date Received: 10/08/25 17:00

Lab Sample ID: 460-336761-50
Matrix: Solid
Percent Solids: 88.2

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Prep	5035			1067608	JCZ	EET EDI	10/11/25 10:29
Total/NA	Analysis	8260D		1	1067682	SZK	EET EDI	10/12/25 12:59

Client Sample ID: 5C3_4-5
Date Collected: 10/08/25 11:40
Date Received: 10/08/25 17:00

Lab Sample ID: 460-336761-51
Matrix: Solid

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Analysis	Moisture		1	1067833	CJC	EET EDI	10/12/25 17:49

Client Sample ID: 5C3_4-5
Date Collected: 10/08/25 11:40
Date Received: 10/08/25 17:00

Lab Sample ID: 460-336761-51
Matrix: Solid
Percent Solids: 87.9

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Prep	5035			1067608	JCZ	EET EDI	10/11/25 10:29
Total/NA	Analysis	8260D		1	1067682	SZK	EET EDI	10/12/25 13:24

Client Sample ID: 5C1_5-6
Date Collected: 10/08/25 11:45
Date Received: 10/08/25 17:00

Lab Sample ID: 460-336761-52
Matrix: Solid

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Analysis	Moisture		1	1067833	CJC	EET EDI	10/12/25 17:49

Client Sample ID: 5C1_5-6
Date Collected: 10/08/25 11:45
Date Received: 10/08/25 17:00

Lab Sample ID: 460-336761-52
Matrix: Solid
Percent Solids: 86.7

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Prep	5035			1067608	JCZ	EET EDI	10/11/25 10:29
Total/NA	Analysis	8260D		1	1067682	SZK	EET EDI	10/12/25 13:48

Client Sample ID: 5C2_6-7
Date Collected: 10/08/25 11:50
Date Received: 10/08/25 17:00

Lab Sample ID: 460-336761-53
Matrix: Solid

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Analysis	Moisture		1	1067833	CJC	EET EDI	10/12/25 17:49

Lab Chronicle

Client: Haley & Aldrich, Inc.
Project/Site: Former Port Mobil

Job ID: 460-336761-1

Client Sample ID: 5C2_6-7

Lab Sample ID: 460-336761-53
Date Collected: 10/08/25 11:50
Matrix: Solid
Date Received: 10/08/25 17:00
Percent Solids: 86.9

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Prep	5035			1067608	JCZ	EET EDI	10/11/25 10:30
Total/NA	Analysis	8260D		1	1067682	SZK	EET EDI	10/12/25 14:12

Client Sample ID: 5C3_8-9

Lab Sample ID: 460-336761-54
Date Collected: 10/08/25 11:55
Matrix: Solid
Date Received: 10/08/25 17:00

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Analysis	Moisture		1	1067833	CJC	EET EDI	10/12/25 17:49

Client Sample ID: 5C3_8-9

Lab Sample ID: 460-336761-54
Date Collected: 10/08/25 11:55
Matrix: Solid
Date Received: 10/08/25 17:00
Percent Solids: 87.9

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Prep	5035			1067608	JCZ	EET EDI	10/11/25 10:30
Total/NA	Analysis	8260D		1	1067682	SZK	EET EDI	10/12/25 14:36

Client Sample ID: 5C3_9-10

Lab Sample ID: 460-336761-55
Date Collected: 10/08/25 12:00
Matrix: Solid
Date Received: 10/08/25 17:00

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Analysis	Moisture		1	1067833	CJC	EET EDI	10/12/25 17:49

Client Sample ID: 5C3_9-10

Lab Sample ID: 460-336761-55
Date Collected: 10/08/25 12:00
Matrix: Solid
Date Received: 10/08/25 17:00
Percent Solids: 89.0

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Prep	5035			1067608	JCZ	EET EDI	10/11/25 10:30
Total/NA	Analysis	8260D		1	1067682	SZK	EET EDI	10/12/25 15:00

Client Sample ID: 5D1_1-2

Lab Sample ID: 460-336761-56
Date Collected: 10/08/25 12:05
Matrix: Solid
Date Received: 10/08/25 17:00

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Analysis	Moisture		1	1067833	CJC	EET EDI	10/12/25 17:49

Lab Chronicle

Client: Haley & Aldrich, Inc.
Project/Site: Former Port Mobil

Job ID: 460-336761-1

Client Sample ID: 5D1_1-2
Date Collected: 10/08/25 12:05
Date Received: 10/08/25 17:00

Lab Sample ID: 460-336761-56
Matrix: Solid
Percent Solids: 89.0

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Prep	5035			1067608	JCZ	EET EDI	10/11/25 10:31
Total/NA	Analysis	8260D		1	1067700	SZK	EET EDI	10/12/25 18:38

Client Sample ID: 5D2_3-4
Date Collected: 10/08/25 12:10
Date Received: 10/08/25 17:00

Lab Sample ID: 460-336761-57
Matrix: Solid

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Analysis	Moisture		1	1067833	CJC	EET EDI	10/12/25 17:49

Client Sample ID: 5D2_3-4
Date Collected: 10/08/25 12:10
Date Received: 10/08/25 17:00

Lab Sample ID: 460-336761-57
Matrix: Solid
Percent Solids: 92.0

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Prep	5035			1067608	JCZ	EET EDI	10/11/25 10:31
Total/NA	Analysis	8260D		1	1067700	SZK	EET EDI	10/12/25 19:02

Client Sample ID: 5D3_4-5
Date Collected: 10/08/25 12:15
Date Received: 10/08/25 17:00

Lab Sample ID: 460-336761-58
Matrix: Solid

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Analysis	Moisture		1	1067833	CJC	EET EDI	10/12/25 17:49

Client Sample ID: 5D3_4-5
Date Collected: 10/08/25 12:15
Date Received: 10/08/25 17:00

Lab Sample ID: 460-336761-58
Matrix: Solid
Percent Solids: 90.0

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Prep	5035			1067608	JCZ	EET EDI	10/11/25 10:31
Total/NA	Analysis	8260D		1	1067700	SZK	EET EDI	10/12/25 19:26

Client Sample ID: 5D1_5-6
Date Collected: 10/08/25 12:20
Date Received: 10/08/25 17:00

Lab Sample ID: 460-336761-59
Matrix: Solid

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Analysis	Moisture		1	1067833	CJC	EET EDI	10/12/25 17:49

Client Sample ID: 5D1_5-6

Lab Sample ID: 460-336761-59
Date Collected: 10/08/25 12:20
Matrix: Solid
Date Received: 10/08/25 17:00
Percent Solids: 88.6

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Prep	5035			1067608	JCZ	EET EDI	10/11/25 10:32
Total/NA	Analysis	8260D		1	1067700	SZK	EET EDI	10/12/25 19:51

Client Sample ID: 5D2_7-8

Lab Sample ID: 460-336761-60
Date Collected: 10/08/25 12:25
Matrix: Solid
Date Received: 10/08/25 17:00

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Analysis	Moisture		1	1067833	CJC	EET EDI	10/12/25 17:49

Client Sample ID: 5D2_7-8

Lab Sample ID: 460-336761-60
Date Collected: 10/08/25 12:25
Matrix: Solid
Date Received: 10/08/25 17:00
Percent Solids: 88.0

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Prep	5035			1067608	JCZ	EET EDI	10/11/25 10:32
Total/NA	Analysis	8260D		1	1067700	SZK	EET EDI	10/12/25 20:15

Client Sample ID: 5D3_8-9

Lab Sample ID: 460-336761-61
Date Collected: 10/08/25 12:30
Matrix: Solid
Date Received: 10/08/25 17:00

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Analysis	Moisture		1	1067833	CJC	EET EDI	10/12/25 17:49

Client Sample ID: 5D3_8-9

Lab Sample ID: 460-336761-61
Date Collected: 10/08/25 12:30
Matrix: Solid
Date Received: 10/08/25 17:00
Percent Solids: 88.3

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Prep	5035			1067608	JCZ	EET EDI	10/11/25 10:32
Total/NA	Analysis	8260D		1	1067700	SZK	EET EDI	10/12/25 20:39

Client Sample ID: 5D2_9-10

Lab Sample ID: 460-336761-62
Date Collected: 10/08/25 12:35
Matrix: Solid
Date Received: 10/08/25 17:00

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Analysis	Moisture		1	1067833	CJC	EET EDI	10/12/25 17:49

Lab Chronicle

Client: Haley & Aldrich, Inc.
Project/Site: Former Port Mobil

Job ID: 460-336761-1

Client Sample ID: 5D2_9-10
Date Collected: 10/08/25 12:35
Date Received: 10/08/25 17:00

Lab Sample ID: 460-336761-62
Matrix: Solid
Percent Solids: 88.4

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Prep	5035			1067608	JCZ	EET EDI	10/11/25 10:33
Total/NA	Analysis	8260D		1	1067700	SZK	EET EDI	10/12/25 21:03

Client Sample ID: 5E1_1-2
Date Collected: 10/08/25 12:40
Date Received: 10/08/25 17:00

Lab Sample ID: 460-336761-63
Matrix: Solid

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Analysis	Moisture		1	1067833	CJC	EET EDI	10/12/25 17:49

Client Sample ID: 5E1_1-2
Date Collected: 10/08/25 12:40
Date Received: 10/08/25 17:00

Lab Sample ID: 460-336761-63
Matrix: Solid
Percent Solids: 91.2

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Prep	5035			1067608	JCZ	EET EDI	10/11/25 10:33
Total/NA	Analysis	8260D		1	1067700	SZK	EET EDI	10/12/25 21:27

Client Sample ID: 5E2_3-4
Date Collected: 10/08/25 12:45
Date Received: 10/08/25 17:00

Lab Sample ID: 460-336761-64
Matrix: Solid

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Analysis	Moisture		1	1067833	CJC	EET EDI	10/12/25 17:49

Client Sample ID: 5E2_3-4
Date Collected: 10/08/25 12:45
Date Received: 10/08/25 17:00

Lab Sample ID: 460-336761-64
Matrix: Solid
Percent Solids: 88.6

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Prep	5035			1067608	JCZ	EET EDI	10/11/25 10:33
Total/NA	Analysis	8260D		1	1067700	SZK	EET EDI	10/12/25 21:52

Client Sample ID: 5E3_4-5
Date Collected: 10/08/25 12:50
Date Received: 10/08/25 17:00

Lab Sample ID: 460-336761-65
Matrix: Solid

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Analysis	Moisture		1	1067833	CJC	EET EDI	10/12/25 17:49

Client Sample ID: 5E3_4-5
Date Collected: 10/08/25 12:50
Date Received: 10/08/25 17:00

Lab Sample ID: 460-336761-65
Matrix: Solid
Percent Solids: 90.6

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Prep	5035			1067608	JCZ	EET EDI	10/11/25 10:34
Total/NA	Analysis	8260D		1	1067700	SZK	EET EDI	10/12/25 22:16

Client Sample ID: 5E1_6-7
Date Collected: 10/08/25 12:55
Date Received: 10/08/25 17:00

Lab Sample ID: 460-336761-66
Matrix: Solid

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Analysis	Moisture		1	1067833	CJC	EET EDI	10/12/25 17:49

Client Sample ID: 5E1_6-7
Date Collected: 10/08/25 12:55
Date Received: 10/08/25 17:00

Lab Sample ID: 460-336761-66
Matrix: Solid
Percent Solids: 88.0

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Prep	5035			1067608	JCZ	EET EDI	10/11/25 10:34
Total/NA	Analysis	8260D		1	1067700	SZK	EET EDI	10/12/25 22:40

Client Sample ID: 5E2_7-8
Date Collected: 10/08/25 13:00
Date Received: 10/08/25 17:00

Lab Sample ID: 460-336761-67
Matrix: Solid

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Analysis	Moisture		1	1067833	CJC	EET EDI	10/12/25 17:49

Client Sample ID: 5E2_7-8
Date Collected: 10/08/25 13:00
Date Received: 10/08/25 17:00

Lab Sample ID: 460-336761-67
Matrix: Solid
Percent Solids: 87.3

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Prep	5035			1067608	JCZ	EET EDI	10/11/25 10:34
Total/NA	Analysis	8260D		1	1067700	SZK	EET EDI	10/12/25 23:04

Client Sample ID: 5E3_8-9
Date Collected: 10/08/25 13:05
Date Received: 10/08/25 17:00

Lab Sample ID: 460-336761-68
Matrix: Solid

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Analysis	Moisture		1	1067833	CJC	EET EDI	10/12/25 17:49

Lab Chronicle

Client: Haley & Aldrich, Inc.
Project/Site: Former Port Mobil

Job ID: 460-336761-1

Client Sample ID: 5E3_8-9
Date Collected: 10/08/25 13:05
Date Received: 10/08/25 17:00

Lab Sample ID: 460-336761-68
Matrix: Solid
Percent Solids: 89.6

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Prep	5035			1067608	JCZ	EET EDI	10/11/25 10:35
Total/NA	Analysis	8260D		1	1067700	SZK	EET EDI	10/12/25 23:28

Client Sample ID: 5E1_9-10
Date Collected: 10/08/25 13:10
Date Received: 10/08/25 17:00

Lab Sample ID: 460-336761-69
Matrix: Solid

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Analysis	Moisture		1	1067833	CJC	EET EDI	10/12/25 17:49

Client Sample ID: 5E1_9-10
Date Collected: 10/08/25 13:10
Date Received: 10/08/25 17:00

Lab Sample ID: 460-336761-69
Matrix: Solid
Percent Solids: 89.3

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Prep	5035			1067608	JCZ	EET EDI	10/11/25 10:35
Total/NA	Analysis	8260D		1	1067700	SZK	EET EDI	10/12/25 23:53

Client Sample ID: 3B1_1-2
Date Collected: 10/08/25 13:15
Date Received: 10/08/25 17:00

Lab Sample ID: 460-336761-70
Matrix: Solid

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Analysis	Moisture		1	1067833	CJC	EET EDI	10/12/25 17:49

Client Sample ID: 3B1_1-2
Date Collected: 10/08/25 13:15
Date Received: 10/08/25 17:00

Lab Sample ID: 460-336761-70
Matrix: Solid
Percent Solids: 89.5

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Prep	5035			1067608	JCZ	EET EDI	10/11/25 10:36
Total/NA	Analysis	8260D		1	1068587	EMM	EET EDI	10/15/25 23:01

Client Sample ID: 3B2_2-3
Date Collected: 10/08/25 13:20
Date Received: 10/08/25 17:00

Lab Sample ID: 460-336761-71
Matrix: Solid

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Analysis	Moisture		1	1067833	CJC	EET EDI	10/12/25 17:49

Lab Chronicle

Client: Haley & Aldrich, Inc.
Project/Site: Former Port Mobil

Job ID: 460-336761-1

Client Sample ID: 3B2_2-3
Date Collected: 10/08/25 13:20
Date Received: 10/08/25 17:00

Lab Sample ID: 460-336761-71
Matrix: Solid
Percent Solids: 88.3

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Prep	5035			1067608	JCZ	EET EDI	10/11/25 10:36
Total/NA	Analysis	8260D		1	1067947	EMM	EET EDI	10/14/25 10:54

Client Sample ID: 3B3_4-5
Date Collected: 10/08/25 13:25
Date Received: 10/08/25 17:00

Lab Sample ID: 460-336761-72
Matrix: Solid

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Analysis	Moisture		1	1067833	CJC	EET EDI	10/12/25 17:49

Client Sample ID: 3B3_4-5
Date Collected: 10/08/25 13:25
Date Received: 10/08/25 17:00

Lab Sample ID: 460-336761-72
Matrix: Solid
Percent Solids: 90.3

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Prep	5035			1067608	JCZ	EET EDI	10/11/25 10:36
Total/NA	Analysis	8260D		1	1067930	EMM	EET EDI	10/13/25 13:57

Client Sample ID: 3B1_6-7
Date Collected: 10/08/25 13:30
Date Received: 10/08/25 17:00

Lab Sample ID: 460-336761-73
Matrix: Solid

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Analysis	Moisture		1	1067833	CJC	EET EDI	10/12/25 17:49

Client Sample ID: 3B1_6-7
Date Collected: 10/08/25 13:30
Date Received: 10/08/25 17:00

Lab Sample ID: 460-336761-73
Matrix: Solid
Percent Solids: 88.2

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Prep	5035			1067610	JCZ	EET EDI	10/11/25 10:43
Total/NA	Analysis	8260D		1	1067930	EMM	EET EDI	10/13/25 14:21

Client Sample ID: 3B2_8-9
Date Collected: 10/08/25 13:35
Date Received: 10/08/25 17:00

Lab Sample ID: 460-336761-74
Matrix: Solid

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Analysis	Moisture		1	1067833	CJC	EET EDI	10/12/25 17:49

Lab Chronicle

Client: Haley & Aldrich, Inc.
Project/Site: Former Port Mobil

Job ID: 460-336761-1

Client Sample ID: 3B2_8-9
Date Collected: 10/08/25 13:35
Date Received: 10/08/25 17:00

Lab Sample ID: 460-336761-74
Matrix: Solid
Percent Solids: 86.1

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Prep	5035			1067610	JCZ	EET EDI	10/11/25 10:43
Total/NA	Analysis	8260D		1	1067930	EMM	EET EDI	10/13/25 14:46

Client Sample ID: 3B3_10-11
Date Collected: 10/08/25 13:40
Date Received: 10/08/25 17:00

Lab Sample ID: 460-336761-75
Matrix: Solid

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Analysis	Moisture		1	1067833	CJC	EET EDI	10/12/25 18:39

Client Sample ID: 3B3_10-11
Date Collected: 10/08/25 13:40
Date Received: 10/08/25 17:00

Lab Sample ID: 460-336761-75
Matrix: Solid
Percent Solids: 87.6

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Prep	5035			1067610	JCZ	EET EDI	10/11/25 10:43
Total/NA	Analysis	8260D		1	1067930	EMM	EET EDI	10/13/25 15:10

Client Sample ID: 3B3_11-12
Date Collected: 10/08/25 13:45
Date Received: 10/08/25 17:00

Lab Sample ID: 460-336761-76
Matrix: Solid

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Analysis	Moisture		1	1067833	CJC	EET EDI	10/12/25 18:39

Client Sample ID: 3B3_11-12
Date Collected: 10/08/25 13:45
Date Received: 10/08/25 17:00

Lab Sample ID: 460-336761-76
Matrix: Solid
Percent Solids: 88.1

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Prep	5035			1067610	JCZ	EET EDI	10/11/25 10:44
Total/NA	Analysis	8260D		1	1067931	EMM	EET EDI	10/13/25 09:39

Client Sample ID: 3C1_1-2
Date Collected: 10/08/25 13:50
Date Received: 10/08/25 17:00

Lab Sample ID: 460-336761-77
Matrix: Solid

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Analysis	Moisture		1	1067833	CJC	EET EDI	10/12/25 18:39

Lab Chronicle

Client: Haley & Aldrich, Inc.
Project/Site: Former Port Mobil

Job ID: 460-336761-1

Client Sample ID: 3C1_1-2
Date Collected: 10/08/25 13:50
Date Received: 10/08/25 17:00

Lab Sample ID: 460-336761-77
Matrix: Solid
Percent Solids: 90.8

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Prep	5035			1067610	JCZ	EET EDI	10/11/25 10:44
Total/NA	Analysis	8260D		1	1067702	EMM	EET EDI	10/12/25 00:12

Client Sample ID: 3C2_2-3
Date Collected: 10/08/25 13:55
Date Received: 10/08/25 17:00

Lab Sample ID: 460-336761-78
Matrix: Solid

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Analysis	Moisture		1	1067833	CJC	EET EDI	10/12/25 18:39

Client Sample ID: 3C2_2-3
Date Collected: 10/08/25 13:55
Date Received: 10/08/25 17:00

Lab Sample ID: 460-336761-78
Matrix: Solid
Percent Solids: 90.3

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Prep	5035			1067610	JCZ	EET EDI	10/11/25 10:44
Total/NA	Analysis	8260D		1	1067702	EMM	EET EDI	10/11/25 19:13

Client Sample ID: 3C3_4-5
Date Collected: 10/08/25 14:00
Date Received: 10/08/25 17:00

Lab Sample ID: 460-336761-79
Matrix: Solid

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Analysis	Moisture		1	1067833	CJC	EET EDI	10/12/25 18:39

Client Sample ID: 3C3_4-5
Date Collected: 10/08/25 14:00
Date Received: 10/08/25 17:00

Lab Sample ID: 460-336761-79
Matrix: Solid
Percent Solids: 88.7

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Prep	5035			1067610	JCZ	EET EDI	10/11/25 10:45
Total/NA	Analysis	8260D		1	1067702	EMM	EET EDI	10/11/25 19:36

Client Sample ID: 3C1_5-6
Date Collected: 10/08/25 14:05
Date Received: 10/08/25 17:00

Lab Sample ID: 460-336761-80
Matrix: Solid

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Analysis	Moisture		1	1067833	CJC	EET EDI	10/12/25 18:39

Lab Chronicle

Client: Haley & Aldrich, Inc.
Project/Site: Former Port Mobil

Job ID: 460-336761-1

Client Sample ID: 3C1_5-6
Date Collected: 10/08/25 14:05
Date Received: 10/08/25 17:00

Lab Sample ID: 460-336761-80
Matrix: Solid
Percent Solids: 90.9

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Prep	5035			1067610	JCZ	EET EDI	10/11/25 10:45
Total/NA	Analysis	8260D		1	1067702	EMM	EET EDI	10/11/25 19:59

Client Sample ID: 3C2_7-8
Date Collected: 10/08/25 14:10
Date Received: 10/08/25 17:00

Lab Sample ID: 460-336761-81
Matrix: Solid

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Analysis	Moisture		1	1067833	CJC	EET EDI	10/12/25 18:39

Client Sample ID: 3C2_7-8
Date Collected: 10/08/25 14:10
Date Received: 10/08/25 17:00

Lab Sample ID: 460-336761-81
Matrix: Solid
Percent Solids: 92.4

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Prep	5035			1067610	JCZ	EET EDI	10/11/25 10:45
Total/NA	Analysis	8260D		1	1067702	EMM	EET EDI	10/11/25 20:22

Client Sample ID: 3C3_9-10
Date Collected: 10/08/25 14:15
Date Received: 10/08/25 17:00

Lab Sample ID: 460-336761-82
Matrix: Solid

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Analysis	Moisture		1	1067833	CJC	EET EDI	10/12/25 18:39

Client Sample ID: 3C3_9-10
Date Collected: 10/08/25 14:15
Date Received: 10/08/25 17:00

Lab Sample ID: 460-336761-82
Matrix: Solid
Percent Solids: 87.4

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Prep	5035			1067610	JCZ	EET EDI	10/11/25 10:46
Total/NA	Analysis	8260D		1	1067702	EMM	EET EDI	10/11/25 20:45

Client Sample ID: 3C1_10-11
Date Collected: 10/08/25 14:20
Date Received: 10/08/25 17:00

Lab Sample ID: 460-336761-83
Matrix: Solid

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Analysis	Moisture		1	1067833	CJC	EET EDI	10/12/25 18:39

Lab Chronicle

Client: Haley & Aldrich, Inc.
Project/Site: Former Port Mobil

Job ID: 460-336761-1

Client Sample ID: 3C1_10-11
Date Collected: 10/08/25 14:20
Date Received: 10/08/25 17:00

Lab Sample ID: 460-336761-83
Matrix: Solid
Percent Solids: 88.1

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Prep	5035			1067610	JCZ	EET EDI	10/11/25 10:46
Total/NA	Analysis	8260D		1	1067702	EMM	EET EDI	10/11/25 21:08

Client Sample ID: 3D1_1-2
Date Collected: 10/08/25 14:25
Date Received: 10/08/25 17:00

Lab Sample ID: 460-336761-84
Matrix: Solid

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Analysis	Moisture		1	1067833	CJC	EET EDI	10/12/25 18:39

Client Sample ID: 3D1_1-2
Date Collected: 10/08/25 14:25
Date Received: 10/08/25 17:00

Lab Sample ID: 460-336761-84
Matrix: Solid
Percent Solids: 88.9

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Prep	5035			1067610	JCZ	EET EDI	10/11/25 10:46
Total/NA	Analysis	8260D		1	1067702	EMM	EET EDI	10/11/25 21:31

Client Sample ID: 3D2_3-4
Date Collected: 10/08/25 14:30
Date Received: 10/08/25 17:00

Lab Sample ID: 460-336761-85
Matrix: Solid

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Analysis	Moisture		1	1067833	CJC	EET EDI	10/12/25 18:39

Client Sample ID: 3D2_3-4
Date Collected: 10/08/25 14:30
Date Received: 10/08/25 17:00

Lab Sample ID: 460-336761-85
Matrix: Solid
Percent Solids: 92.4

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Prep	5035			1067610	JCZ	EET EDI	10/11/25 10:47
Total/NA	Analysis	8260D		1	1067702	EMM	EET EDI	10/11/25 21:54

Client Sample ID: 3D3_5-6
Date Collected: 10/08/25 14:35
Date Received: 10/08/25 17:00

Lab Sample ID: 460-336761-86
Matrix: Solid

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Analysis	Moisture		1	1067833	CJC	EET EDI	10/12/25 18:39

Lab Chronicle

Client: Haley & Aldrich, Inc.
Project/Site: Former Port Mobil

Job ID: 460-336761-1

Client Sample ID: 3D3_5-6
Date Collected: 10/08/25 14:35
Date Received: 10/08/25 17:00

Lab Sample ID: 460-336761-86
Matrix: Solid
Percent Solids: 87.8

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Prep	5035			1067610	JCZ	EET EDI	10/11/25 10:47
Total/NA	Analysis	8260D		1	1067702	EMM	EET EDI	10/11/25 22:17

Client Sample ID: 3D1_6-7
Date Collected: 10/08/25 14:40
Date Received: 10/08/25 17:00

Lab Sample ID: 460-336761-87
Matrix: Solid

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Analysis	Moisture		1	1067833	CJC	EET EDI	10/12/25 18:39

Client Sample ID: 3D1_6-7
Date Collected: 10/08/25 14:40
Date Received: 10/08/25 17:00

Lab Sample ID: 460-336761-87
Matrix: Solid
Percent Solids: 86.8

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Prep	5035			1067610	JCZ	EET EDI	10/11/25 10:47
Total/NA	Analysis	8260D		1	1067702	EMM	EET EDI	10/11/25 22:40

Client Sample ID: 3D2_7-8
Date Collected: 10/08/25 14:45
Date Received: 10/08/25 17:00

Lab Sample ID: 460-336761-88
Matrix: Solid

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Analysis	Moisture		1	1067833	CJC	EET EDI	10/12/25 18:39

Client Sample ID: 3D2_7-8
Date Collected: 10/08/25 14:45
Date Received: 10/08/25 17:00

Lab Sample ID: 460-336761-88
Matrix: Solid
Percent Solids: 89.3

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Prep	5035			1067610	JCZ	EET EDI	10/11/25 10:48
Total/NA	Analysis	8260D		1	1067702	EMM	EET EDI	10/11/25 23:03

Client Sample ID: 3D3_9-10
Date Collected: 10/08/25 14:50
Date Received: 10/08/25 17:00

Lab Sample ID: 460-336761-89
Matrix: Solid

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Analysis	Moisture		1	1067833	CJC	EET EDI	10/12/25 18:39

Lab Chronicle

Client: Haley & Aldrich, Inc.
Project/Site: Former Port Mobil

Job ID: 460-336761-1

Client Sample ID: 3D3_9-10
Date Collected: 10/08/25 14:50
Date Received: 10/08/25 17:00

Lab Sample ID: 460-336761-89
Matrix: Solid
Percent Solids: 93.6

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Prep	5035			1067610	JCZ	EET EDI	10/11/25 10:48
Total/NA	Analysis	8260D		1	1067702	EMM	EET EDI	10/11/25 23:26

Client Sample ID: 3D1_11-12
Date Collected: 10/08/25 14:55
Date Received: 10/08/25 17:00

Lab Sample ID: 460-336761-90
Matrix: Solid

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Analysis	Moisture		1	1067833	CJC	EET EDI	10/12/25 18:39

Client Sample ID: 3D1_11-12
Date Collected: 10/08/25 14:55
Date Received: 10/08/25 17:00

Lab Sample ID: 460-336761-90
Matrix: Solid
Percent Solids: 83.5

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Prep	5035			1067610	JCZ	EET EDI	10/11/25 10:48
Total/NA	Analysis	8260D		1	1067702	EMM	EET EDI	10/11/25 23:49

Laboratory References:

EET EDI = Eurofins Edison, 777 New Durham Road, Edison, NJ 08817, TEL (732)549-3900

ELLE = Eurofins Lancaster Laboratories Environment Testing, LLC, 2425 New Holland Pike, Lancaster, PA 17601, TEL (717)656-2300

Accreditation/Certification Summary

Client: Haley & Aldrich, Inc.
Project/Site: Former Port Mobil

Job ID: 460-336761-1

Laboratory: Eurofins Edison

Unless otherwise noted, all analytes for this laboratory were covered under each accreditation/certification below.

Authority	Program	Identification Number	Expiration Date
New York	NELAP	11452	04-01-26

The following analytes are included in this report, but the laboratory is not certified by the governing authority. This list may include analytes for which the agency does not offer certification.

Analysis Method	Prep Method	Matrix	Analyte
8270E	3546	Solid	3 & 4 Methylphenol
Moisture		Solid	Percent Moisture
Moisture		Solid	Percent Solids

Laboratory: Eurofins Lancaster Laboratories Environment Testing, LLC

The accreditations/certifications listed below are applicable to this report.

Authority	Program	Identification Number	Expiration Date
New York	NELAP	10670	04-01-26

Method Summary

Client: Haley & Aldrich, Inc.
Project/Site: Former Port Mobil

Job ID: 460-336761-1

Method	Method Description	Protocol	Laboratory
8260D	Volatile Organic Compounds by GC/MS	SW846	EET EDI
8270E	Semivolatile Organic Compounds (GC/MS)	SW846	EET EDI
8081B	Organochlorine Pesticides (GC)	SW846	EET EDI
8082A	Polychlorinated Biphenyls (PCBs) by Gas Chromatography	SW846	EET EDI
1633A	Per- and Polyfluoroalkyl Substances by LC/MS/MS, 1633A	EPA	ELLE
6020B	Metals (ICP/MS)	SW846	EET EDI
7471B	Mercury (CVAA)	SW846	EET EDI
Moisture	Percent Moisture	EPA	EET EDI
1633A Shake	Shake Extraction with SPE	EPA	ELLE
3050B	Preparation, Metals	SW846	EET EDI
3546	Microwave Extraction	SW846	EET EDI
5035	Closed System Purge and Trap	SW846	EET EDI
7471B	Preparation, Mercury	SW846	EET EDI

Protocol References:

EPA = US Environmental Protection Agency

SW846 = "Test Methods For Evaluating Solid Waste, Physical/Chemical Methods", Third Edition, November 1986 And Its Updates.

Laboratory References:

EET EDI = Eurofins Edison, 777 New Durham Road, Edison, NJ 08817, TEL (732)549-3900

ELLE = Eurofins Lancaster Laboratories Environment Testing, LLC, 2425 New Holland Pike, Lancaster, PA 17601, TEL (717)656-2300

Sample Summary

Client: Haley & Aldrich, Inc.
Project/Site: Former Port Mobil

Job ID: 460-336761-1

Lab Sample ID	Client Sample ID	Matrix	Collected	Received	Sample Origin
460-336761-1	49C_0-5	Solid	10/08/25 08:00	10/08/25 17:00	New York
460-336761-2	49C_5-10	Solid	10/08/25 08:05	10/08/25 17:00	New York
460-336761-3	49D_0-5	Solid	10/08/25 08:10	10/08/25 17:00	New York
460-336761-4	49D_5-10	Solid	10/08/25 08:15	10/08/25 17:00	New York
460-336761-5	5A_0-5	Solid	10/08/25 09:30	10/08/25 17:00	New York
460-336761-6	5A_5-10	Solid	10/08/25 09:35	10/08/25 17:00	New York
460-336761-7	5B_0-5	Solid	10/08/25 09:40	10/08/25 17:00	New York
460-336761-8	5B_5-10	Solid	10/08/25 09:45	10/08/25 17:00	New York
460-336761-9	5C_0-5	Solid	10/08/25 09:50	10/08/25 17:00	New York
460-336761-10	5C_5-10	Solid	10/08/25 09:55	10/08/25 17:00	New York
460-336761-11	5D_0-5	Solid	10/08/25 10:00	10/08/25 17:00	New York
460-336761-12	5D_5-10	Solid	10/08/25 10:05	10/08/25 17:00	New York
460-336761-13	5E_0-5	Solid	10/08/25 10:10	10/08/25 17:00	New York
460-336761-14	5E_5-10	Solid	10/08/25 10:15	10/08/25 17:00	New York
460-336761-15	3B_0-7	Solid	10/08/25 15:00	10/08/25 17:00	New York
460-336761-16	3B_7-14	Solid	10/08/25 15:05	10/08/25 17:00	New York
460-336761-17	3C_0-7	Solid	10/08/25 15:10	10/08/25 17:00	New York
460-336761-18	3C_7-14	Solid	10/08/25 15:25	10/08/25 17:00	New York
460-336761-19	3D_0-7	Solid	10/08/25 15:20	10/08/25 17:00	New York
460-336761-20	3D_7-14	Solid	10/08/25 15:15	10/08/25 17:00	New York
460-336761-21	49C1_1-2	Solid	10/08/25 08:20	10/08/25 17:00	New York
460-336761-22	49C2_2-3	Solid	10/08/25 08:25	10/08/25 17:00	New York
460-336761-23	49C3_3-4	Solid	10/08/25 08:30	10/08/25 17:00	New York
460-336761-24	49C1_5-6	Solid	10/08/25 08:35	10/08/25 17:00	New York
460-336761-25	49C2_7-8	Solid	10/08/25 08:40	10/08/25 17:00	New York
460-336761-26	49C3_8-9	Solid	10/08/25 08:45	10/08/25 17:00	New York
460-336761-27	49C1_9-10	Solid	10/08/25 08:50	10/08/25 17:00	New York
460-336761-28	49D1_1-2	Solid	10/08/25 08:55	10/08/25 17:00	New York
460-336761-29	49D2_2-3	Solid	10/08/25 09:00	10/08/25 17:00	New York
460-336761-30	49D3_3-4	Solid	10/08/25 09:05	10/08/25 17:00	New York
460-336761-31	49D1_4-5	Solid	10/08/25 09:10	10/08/25 17:00	New York
460-336761-32	49D2_5-6	Solid	10/08/25 09:15	10/08/25 17:00	New York
460-336761-33	49D3_6-7	Solid	10/08/25 09:20	10/08/25 17:00	New York
460-336761-34	49D1_7-8	Solid	10/08/25 09:25	10/08/25 17:00	New York
460-336761-35	5A1_1-2	Solid	10/08/25 10:20	10/08/25 17:00	New York
460-336761-36	5A2_2-3	Solid	10/08/25 10:25	10/08/25 17:00	New York
460-336761-37	5A3_4-5	Solid	10/08/25 10:30	10/08/25 17:00	New York
460-336761-38	5A1_5-6	Solid	10/08/25 10:35	10/08/25 17:00	New York
460-336761-39	5A2_7-8	Solid	10/08/25 10:40	10/08/25 17:00	New York
460-336761-40	5A3_8-9	Solid	10/08/25 10:45	10/08/25 17:00	New York
460-336761-41	5A1_9-10	Solid	10/08/25 10:50	10/08/25 17:00	New York
460-336761-42	5B1_1-2	Solid	10/08/25 10:55	10/08/25 17:00	New York
460-336761-43	5B2_2-3	Solid	10/08/25 11:00	10/08/25 17:00	New York
460-336761-44	5B3_3-4	Solid	10/08/25 11:05	10/08/25 17:00	New York
460-336761-45	5B1_5-6	Solid	10/08/25 11:10	10/08/25 17:00	New York
460-336761-46	5B2_6-7	Solid	10/08/25 11:15	10/08/25 17:00	New York
460-336761-47	5B3_8-9	Solid	10/08/25 11:20	10/08/25 17:00	New York
460-336761-48	5B2_9-10	Solid	10/08/25 11:25	10/08/25 17:00	New York
460-336761-49	5C1_1-2	Solid	10/08/25 11:30	10/08/25 17:00	New York
460-336761-50	5C2_3-4	Solid	10/08/25 11:35	10/08/25 17:00	New York
460-336761-51	5C3_4-5	Solid	10/08/25 11:40	10/08/25 17:00	New York
460-336761-52	5C1_5-6	Solid	10/08/25 11:45	10/08/25 17:00	New York
460-336761-53	5C2_6-7	Solid	10/08/25 11:50	10/08/25 17:00	New York

Sample Summary

Client: Haley & Aldrich, Inc.
Project/Site: Former Port Mobil

Job ID: 460-336761-1

Lab Sample ID	Client Sample ID	Matrix	Collected	Received	Sample Origin
460-336761-54	5C3_8-9	Solid	10/08/25 11:55	10/08/25 17:00	New York
460-336761-55	5C3_9-10	Solid	10/08/25 12:00	10/08/25 17:00	New York
460-336761-56	5D1_1-2	Solid	10/08/25 12:05	10/08/25 17:00	New York
460-336761-57	5D2_3-4	Solid	10/08/25 12:10	10/08/25 17:00	New York
460-336761-58	5D3_4-5	Solid	10/08/25 12:15	10/08/25 17:00	New York
460-336761-59	5D1_5-6	Solid	10/08/25 12:20	10/08/25 17:00	New York
460-336761-60	5D2_7-8	Solid	10/08/25 12:25	10/08/25 17:00	New York
460-336761-61	5D3_8-9	Solid	10/08/25 12:30	10/08/25 17:00	New York
460-336761-62	5D2_9-10	Solid	10/08/25 12:35	10/08/25 17:00	New York
460-336761-63	5E1_1-2	Solid	10/08/25 12:40	10/08/25 17:00	New York
460-336761-64	5E2_3-4	Solid	10/08/25 12:45	10/08/25 17:00	New York
460-336761-65	5E3_4-5	Solid	10/08/25 12:50	10/08/25 17:00	New York
460-336761-66	5E1_6-7	Solid	10/08/25 12:55	10/08/25 17:00	New York
460-336761-67	5E2_7-8	Solid	10/08/25 13:00	10/08/25 17:00	New York
460-336761-68	5E3_8-9	Solid	10/08/25 13:05	10/08/25 17:00	New York
460-336761-69	5E1_9-10	Solid	10/08/25 13:10	10/08/25 17:00	New York
460-336761-70	3B1_1-2	Solid	10/08/25 13:15	10/08/25 17:00	New York
460-336761-71	3B2_2-3	Solid	10/08/25 13:20	10/08/25 17:00	New York
460-336761-72	3B3_4-5	Solid	10/08/25 13:25	10/08/25 17:00	New York
460-336761-73	3B1_6-7	Solid	10/08/25 13:30	10/08/25 17:00	New York
460-336761-74	3B2_8-9	Solid	10/08/25 13:35	10/08/25 17:00	New York
460-336761-75	3B3_10-11	Solid	10/08/25 13:40	10/08/25 17:00	New York
460-336761-76	3B3_11-12	Solid	10/08/25 13:45	10/08/25 17:00	New York
460-336761-77	3C1_1-2	Solid	10/08/25 13:50	10/08/25 17:00	New York
460-336761-78	3C2_2-3	Solid	10/08/25 13:55	10/08/25 17:00	New York
460-336761-79	3C3_4-5	Solid	10/08/25 14:00	10/08/25 17:00	New York
460-336761-80	3C1_5-6	Solid	10/08/25 14:05	10/08/25 17:00	New York
460-336761-81	3C2_7-8	Solid	10/08/25 14:10	10/08/25 17:00	New York
460-336761-82	3C3_9-10	Solid	10/08/25 14:15	10/08/25 17:00	New York
460-336761-83	3C1_10-11	Solid	10/08/25 14:20	10/08/25 17:00	New York
460-336761-84	3D1_1-2	Solid	10/08/25 14:25	10/08/25 17:00	New York
460-336761-85	3D2_3-4	Solid	10/08/25 14:30	10/08/25 17:00	New York
460-336761-86	3D3_5-6	Solid	10/08/25 14:35	10/08/25 17:00	New York
460-336761-87	3D1_6-7	Solid	10/08/25 14:40	10/08/25 17:00	New York
460-336761-88	3D2_7-8	Solid	10/08/25 14:45	10/08/25 17:00	New York
460-336761-89	3D3_9-10	Solid	10/08/25 14:50	10/08/25 17:00	New York
460-336761-90	3D1_11-12	Solid	10/08/25 14:55	10/08/25 17:00	New York

Eurofins Edison
777 New Durham Road
Edison, NJ 08817
Phone: 732-549-3900 Fax: 732-549-3679

Chain of Custody Record

eurofins Environment Testing

Client Information	Sampler: KRD	Lab PM: Flannery Elizabeth J	Carrier Tracking No(s):	COC No: 460-200914-131501 1
Client Contact: Sarah Commisso	Phone:	E-Mail: Elizabeth.Flannery@et.eurofinsus.com	State of Origin:	Page: Page ~~1 of 24~~ 1 | 9
Company: Haley & Aldrich, Inc.	PWSID:	Analysis Requested		Job #: 336761
Address: 213 West 35th Street, 7th Floor	Due Date Requested:			Preservation Codes:
City: New York	TAT Requested (days): 5 DAY			
State, Zip: NY 10001	Compliance Project: Δ Yes Δ No			
Phone:	PO #: 02135536-00-002-03 ~~6208988-001-001-06~~			
Email: SCommisso@haleyaldrich.com	WO #: 4101 Arthur Kill Road, Staten Island, NY			
Project Name: 4101 Arthur Kill - Former Port Mobil	Project #: 46042832			
Site:	SSOW#:			

460-336761 Chain of Custody

SHORT HOLD

Sample Identification	Sample Date	Sample Time	Sample Type (C=comp, G=grab)	Matrix (W=water, S=solid, O=waste/oil, BT=Tissue, A=Air, DW=Drinking Water)	Field Filtered Sample (Yes or No)	Perform MS/MSD (Yes or No)	6020B, 7471B, 8081B, 8082A, 8270E	8260B - TCL/Part 375 VOCs	1633 Standard List of 40	Total Number of containers	Other	Special Instructions/Note:
			Preservation Code:				N	F	N			
49C_0-5	10/8/25	800	C	Solid			X		X			1
49C_5-10		805		Solid								2
49D_0-5		810		Solid								3
49D_5-10		815		Solid								4
5A_0-5		~~820~~ 930		Solid								5
5A_5-10		~~825~~ 935		Solid								6
5B_0-5		~~830~~ 940		Solid								7
5B_5-10		~~835~~ 945		Solid								8
5C_0-5		~~840~~ 950		Solid								9
5C_5-10		~~845~~ 955		Solid								10
5D_0-5		~~850~~ 1000		Solid								11

Possible Hazard Identification
☐ Non-Hazard ☐ Flammable ☐ Skin Irritant ☐ Poison B ☐ Unknown ☐ Radiological

Sample Disposal (A fee may be assessed if samples are retained longer than 1 month)
☐ Return To Client ☐ Disposal By Lab ☐ Archive For _____ Months

Deliverable Requested: I, II III IV Other (specify)

Special Instructions/QC Requirements:

Empty Kit Relinquished by:	Date:	Time:	Method of Shipment:
Relinquished by: Kassidy OConnor	Date/Time: 10/8/25	Company: H&A	Received by:	Date/Time: 10/8 16:00	Company: EET
Relinquished by:	Date/Time: 10/8 17:00	Company: EET	Received by: Emily Doffin	Date/Time: 10/8/25 1700	Company: ETA
Relinquished by:	Date/Time:	Company	Received by:	Date/Time:	Company

Custody Seals Intact: Δ Yes Δ No | Custody Seal No.: NA

Cooler Temperature(s) °C and Other Remarks: 1) 1.9/1.6 2) 1.0/1.7 3) 1.4/1.1 #4) 1.0/1.7

Ver 10/10/2024

Eurofins Edison
777 New Durham Road
Edison NJ 08817
Phone: 732-549-3900 Fax: 732-549-3679

Chain of Custody Record

eurofins
Environment Testing

Client Information	Sampler: KRO	Lab PM: Flannery Elizabeth J	Carrier Tracking No(s):	COC No: 460-200914-131501.2
Client Contact: Sarah Commisso	Phone:	E-Mail: Elizabeth.Flannery@et.eurofinsus.com	State of Origin:	Page: Page ~~2 of 24~~ 2/9
Company: Haley & Aldrich Inc.	PWSID:			Job #: 336761
Address: 213 West 35th Street, 7th Floor	Due Date Requested:			
City: New York	TAT Requested (days): 5 DAY			
State, Zip: NY 10001	Compliance Project: Δ Yes Δ No			
Phone:	PO #: ~~0208988-001-001-06~~ 0213836-001-002-03			
Email: SCommisso@haleyaldrich.com	WO #: 4101 Arthur Kill Road, Staten Island, NY			
Project Name: 4101 Arthur Kill Former Port Mobil	Project #: 46042832			
Site:	SSOW#:			

Analysis Requested

Preservation Codes:
N None
F MeOH
Other

Sample Identification	Sample Date	Sample Time	Sample Type (C=Comp, G=grab)	Matrix (W=water, S=solid, O=waste/oil, BT=Tissue, A=Air, DW=Drinking Water)	Field Filtered Sample (Yes or No)	Perform MS/MSD (Yes or No)	6020B, 7471B, 8081B, 8082A, 8270E	8260B - TCL/Part 375 VOCs	11039 Standard List of 4D	Total Number of containers	Special Instructions/Note:
			Preservation Code:				N	F	Z		
5D_5-10	10/8/25	1005	C	Solid			X		X		12
5E_0-5		1010		Solid							13
5E_5-10		1015		Solid							14
3B_0-7		1500		Solid							15
3B_7-14		1505		Solid							16
3C_0-7		1510		Solid							17
3C-7-14		~~1515~~ 1525		Solid							18
3D_0-7		1520		Solid							19
3D-7-14		~~1525~~ 1530		Solid							20
				Solid							
				Solid							

Possible Hazard Identification
☐ Non-Hazard ☐ Flammable ☐ Skin Irritant ☐ Poison B ☐ Unknown ☐ Radiological

Sample Disposal (A fee may be assessed if samples are retained longer than 1 month)
☐ Return To Client ☐ Disposal By Lab ☐ Archive For _____ Months

Deliverable Requested: I II III IV Other (specify)

Special Instructions/QC Requirements:

Empty Kit Relinquished by:	Date:	Time:	Method of Shipment:
Relinquished by: Kassidy OConnor	Date/Time: 10/8/25	Company: H&A	Received by:	Date/Time: 10/8 16:00	Company: ET
Relinquished by:	Date/Time: 10/8 1700	Company: ET	Received by: Emily Hoffman	Date/Time: 10/8/25 1700	Company: ET
Relinquished by:	Date/Time:	Company	Received by:	Date/Time:	Company

Custody Seals Intact: Δ Yes Δ No | Custody Seal No.: N/A

Cooler Temperature(s) °C and Other Remarks: 1) 1.9/1.6 2) 1.0/.7 3) 1.4/1.1 #94/10/.7

ver 10/10/2024

Eurofins Edison
777 New Durham Road
Edison NJ 08817
Phone: 732-549-3900 Fax: 732-549-3679

Chain of Custody Record

eurofins
Environment Testing

Client Information	Sampler: KRD	Lab PM: Flannery Elizabeth J	Carrier Tracking No(s):	COC No: 460-200914-131501.3
Client Contact: Sarah Commisso	Phone:	E-Mail: Elizabeth.Flannery@et.eurofinsus.com	State of Origin:	Page: ~~Page 3 of 24~~ 3/9
Company: Haley & Aldrich, Inc.	PWSID:			Job #: 336761
Address: 213 West 35th Street, 7th Floor	Due Date Requested:			
City: New York	TAT Requested (days): 5 DAY			
State, Zip: NY 10001	Compliance Project: Δ Yes Δ No			
Phone:	PO #: 0213536 001-002-03 ~~9269568-001-001-00~~			
Email: SCommisso@haleyaldrich.com	WO #: 4101 Arthur Kill Road Staten Island NY			
Project Name: 4101 Arthur Kill Former Port Mobil	Project #: 46042832			
Site:	SSOW#:			

Analysis Requested

Preservation Codes:
N None
F MeOH
Other

Sample Identification	Sample Date	Sample Time	Sample Type (C=comp, G=grab)	Matrix (W=water S=solid, O=waste/oil BT=Tissue, A=Air, DW=Drinking Water)	Field Filtered Sample (Yes or No)	Perform MS/MSD (Yes or No)	8260D TCL/Part 375 VOCs	Total Number of containers	Special Instructions/Note:
Preservation Code:							N F		
49C1_1-2	10/8/25	820	G	Solid			X		21
49C2_2-3		825		Solid					22
~~4C3~~ 49C3_3-4		830		Solid					23
49C1_5-6		835		Solid					24
49C2_7-8		840		Solid					25
49C3_8-9		845		Solid					26
49C1_9-10		850		Solid					27
49D1_1-2		855		Solid					28
49D2_2-3		900		Solid					29
49D3_3-4		905		Solid					30
49D1_4-5		910		Solid					31

Possible Hazard Identification
☐ Non-Hazard ☐ Flammable ☐ Skin Irritant ☐ Poison B ☐ Unknown ☐ Radiological

Sample Disposal (A fee may be assessed if samples are retained longer than 1 month)
☐ Return To Client ☐ Disposal By Lab ☐ Archive For _____ Months

Deliverable Requested: I II III IV Other (specify)

Special Instructions/QC Requirements:

Empty Kit Relinquished by:	Date:	Time:	Method of Shipment:

	Relinquished by:	Date/Time:	Company	Received by:	Date/Time:	Company
1	Kassidy OConnor	10/8/25	H&A		10/8 16'00	EEI
2		10/8 17'00	EEI	Emily Maffia	10/8/25 1700	EEI
3	Relinquished by:	Date/Time:	Company	Received by	Date/Time:	Company

Custody Seals Intact: Δ Yes Δ No
Custody Seal No.: N/A

Cooler Temperature(s) °C and Other Remarks: 1) 1.9/1.6 2) 1.0/1.7 3) 1.4/1.1 #9 4) 1.0/1.7

Ver: 06/10/2024

Eurofins Edison
777 New Durham Road
Edison NJ 08817
Phone: 732-549-3900 Fax: 732-549-3679

Chain of Custody Record

eurofins
Environment Testing

Client Information	Sampler: KRO	Lab PM: Flannery Elizabeth J	Carrier Tracking No(s):	COC No: 460-200914-131501.4
Client Contact: Sarah Commisso	Phone:	E-Mail: Elizabeth.Flannery@et.eurofinsus.com	State of Origin:	Page: Page 4 of 24 4/9
Company: Haley & Aldrich, Inc.	PWSID:			Job #: 336761
Address: 213 West 35th Street, 7th Floor	Due Date Requested:			
City: New York	TAT Requested (days): 5 DAY			
State, Zip: NY 10001	Compliance Project: Δ Yes Δ No			
Phone:	PO #: 02135536-001-002-03 ~~0208988-001-001-06~~			
Email: SCommisso@haleyaldrich.com	WO #: 4101 Arthur Kill Road, Staten Island, NY			
Project Name: 4101 Arthur Kill Former Port Mobil	Project #: 46042832			
Site:	SSOW#:			

Analysis Requested

Preservation Codes:
N None
F MeOH

Sample Identification	Sample Date	Sample Time	Sample Type (C=comp, G=grab)	Matrix (W=water, S=solid, O=waste/oil, BT=Tissue, A=Air, DW=Drinking Water)	Field Filtered Sample (Yes or No)	Perform MS/MSD (Yes or No)	8260D_7471B_8081B_8082A_8270E	TCL/Part 375 VOCs	Total Number of containers	Special Instructions/Note:
	Preservation Code:						N	T		
49D2_5-6	10/8/25	915	G	Solid				X		32
49D3_6-7		920		Solid						33
49D1_7-8		925		Solid						34
5A1_1-2		~~930~~	1020	Solid						35
5A2_2-3		~~935~~	1025	Solid						36
5A3_4-5		~~940~~	1030	Solid						37
5A1_5-6		~~945~~	1035	Solid						38
5A2_7-8		~~950~~	1040	Solid						39
5A3_8-9		~~955~~	1045	Solid						40
5A1_9-10		~~1000~~	1050	Solid						41
5B1_1-2		1055		Solid						42

Possible Hazard Identification
☐ Non-Hazard ☐ Flammable ☐ Skin Irritant ☐ Poison B ☐ Unknown ☐ Radiological

Sample Disposal (A fee may be assessed if samples are retained longer than 1 month)
☐ Return To Client ☐ Disposal By Lab ☐ Archive For _____ Months

Deliverable Requested: I II III IV Other (specify)

Special Instructions/QC Requirements:

Empty Kit Relinquished by:	Date:	Time:	Method of Shipment:

	Relinquished by	Date/Time	Company	Received by	Date/Time	Company
1	Kassidy OConnor	10/8/25	H&A		10/8 16:00	ET
2		10/8 1700	ET	Emily Haffner	10/8/25 1700	ETA
3		Date/Time:	Company	Received by:	Date/Time:	Company

Custody Seals Intact: Δ Yes Δ No | Custody Seal No.: N/A

Cooler Temperature(s) °C and Other Remarks: 1) 0.9 | 1.6 2) 1.0 | 1.7 3) 1.4 | 1.1 ~~4) 1.4~~ | 1.0 | 1.7

Ver: 10/20/2024

Eurofins Edison
777 New Durham Road
Edison, NJ 08817
Phone: 732-549-3900 Fax: 732-549-3679

Chain of Custody Record

eurofins | Environment Testing

Client Information	Sampler: KRO	Lab PM: Flannery Elizabeth J	Carrier Tracking No(s):	COC No: 460-200914-131501.5
Client Contact: Sarah Commisso	Phone:	E-Mail: Elizabeth.Flannery@et.eurofinsus.com	State of Origin:	Page: Page ~~5 of 24~~ 5/9
Company: Haley & Aldrich, Inc.	PWSID:			Job #: 336761
Address: 213 West 35th Street, 7th Floor	Due Date Requested:			
City: New York	TAT Requested (days): 5 DAY			
State, Zip: NY 10001	Compliance Project: Δ Yes Δ No			
Phone:	PO #: 0213836-001 002-03 ~~0208998-001-001-00~~			
Email: SCommisso@haleyaldrich.com	WO #: 4101 Arthur Kill Road, Staten Island NY			
Project Name: 4101 Arthur Kill Former Port Mobil	Project #: 46042832			
Site:	SSOW#:			

Analysis Requested

Preservation Codes:
N None
F MeOH
Other

Sample Identification	Sample Date	Sample Time	Sample Type (C=Comp, G=grab)	Matrix (W=water, S=solid, O=waste/oil, BT=Tissue, A=Air, DW=Drinking Water)	Field Filtered Sample (Yes or No)	Perform MS/MSD (Yes or No)	8260D TCL/Part 375 VOCs	Total Number of containers	Special Instructions/Note:
			Preservation Code:				N F		
SB2_2-3	10/8/25	1100	G	Solid			X		43
SB3_3-4		1105		Solid					44
SB1_5-6		1110		Solid					45
SB2_6-7		1115		Solid					46
SB3_8-9		1120		Solid					47
SB2_9-10		1125		Solid					48
SC1_1-2		1130		Solid					49
SC2_3-4		1135		Solid					50
SC3_4-5		1140		Solid					51
SC1_5-6		1145		Solid					52
SC2_6-7		1150		Solid					53

Possible Hazard Identification
☐ Non-Hazard ☐ Flammable ☐ Skin Irritant ☐ Poison B ☐ Unknown ☐ Radiological

Sample Disposal (A fee may be assessed if samples are retained longer than 1 month)
☐ Return To Client ☐ Disposal By Lab ☐ Archive For _____ Months

Deliverable Requested: I, II, III, IV Other (specify)

Special Instructions/QC Requirements:

Empty Kit Relinquished by:	Date:	Time:	Method of Shipment:				
Relinquished by: Kassidy OConnor	Date/Time: 10/8/25	Company: H&A	Received by:	Date/Time: 10/8 16'00	Company: AET
Relinquished by:	Date/Time: 10/8 17'00	Company: AET	Received by: Emely Haffa	Date/Time: 10/8/25 1700	Company: ETA
Relinquished by:	Date/Time:	Company	Received by:	Date/Time:	Company

Custody Seals Intact: Δ Yes Δ No | Custody Seal No.: N/A

Cooler Temperature(s) °C and Other Remarks: 1) 1.9 | 1.6 2) 1.0 | 1.7 3) 1.4 | 1.1 #94) 1.0 | 1.7

Eurofins Edison
777 New Durham Road
Edison, NJ 08817
Phone: 732-549-3900 Fax: 732-549-3679

Chain of Custody Record

eurofins

Environment Testing

Client Information	Sampler: KRO	Lab PM: Flannery Elizabeth J	Carrier Tracking No(s):	COC No: 460-200914-131501.6
Client Contact: Sarah Commisso	Phone:	E-Mail: Elizabeth.Flannery@et.eurofinsus.com	State of Origin:	Page: Page ~~8 of 24~~ 6 / 9
Company: Haley & Aldrich, Inc.	PWSID:			Job #: 336761
Address: 213 West 35th Street, 7th Floor	Due Date Requested:			
City: New York	TAT Requested (days): 5 DAY			
State, Zip: NY 10001	Compliance Project: Δ Yes Δ No			
Phone:	PO #: 02138836-001-002-03 ~~0208988-001-001-06~~			
Email: SCommisso@haleyaldrich.com	WO #: 4101 Arthur Kill Road, Staten Island, NY			
Project Name: 4101 Arthur Kill Former Port Mobil	Project #: 46042832			
Site:	SSOW#:			

Analysis Requested

Preservation Codes: N None; F MeOH

Sample Identification	Sample Date	Sample Time	Sample Type (C=comp, G=grab)	Matrix (W=water, S=solid, O=waste/oil, BT=Tissue, A=Air, DW=Drinking Water)	Field Filtered Sample (Yes or No)	Perform MS/MSD (Yes or No)	8260D TCL/Part 375 VOCs	Total Number of containers	Special Instructions/Note:
			Preservation Code:			N	F		
SC3_8-9	10/5/25	1155	G	Solid			X		54
SC3_9-10		1200		Solid					55
SD1_1-2		1205		Solid					56
SD2_3-4		1210		Solid					57
SD3_4-5		1215		Solid					58
SD1_5-6		1220		Solid					59
SD2_7-8		1225		Solid					60
SD3_8-9		1230		Solid					61
SD2_9-10		1235		Solid					62
SE1_1-2		1240		Solid					63
SE2_3-4		1245		Solid					64

Possible Hazard Identification
☐ Non-Hazard ☐ Flammable ☐ Skin Irritant ☐ Poison B ☐ Unknown ☐ Radiological

Sample Disposal (A fee may be assessed if samples are retained longer than 1 month)
☐ Return To Client ☐ Disposal By Lab ☐ Archive For _____ Months

Deliverable Requested: I, II III, IV Other (specify)

Special Instructions/QC Requirements:

Empty Kit Relinquished by:		Date:		Time:		Method of Shipment:	
Relinquished by: Kassidy OConnor	Date/Time: 10/8/25	Company: H&A	Received by:	Date/Time: 10/8 16:00	Company: EET		
Relinquished by:	Date/Time: 10/8 17:00	Company: EET	Received by: Emely Maffia	Date/Time: 10/8/25 1700	Company: ETA		
Relinquished by:	Date/Time:	Company	Received by:	Date/Time:	Company		

Custody Seals Intact: Δ Yes Δ No | Custody Seal No.: N/A

Cooler Temperature(s) °C and Other Remarks: 1.) 1.9/1.6 2.) 1.0/1.7 3.) 1.4/1.1 #94) 1.0/1.7

Ver: 10/20/2025

Eurofins Edison
777 New Durham Road
Edison NJ 08817
Phone: 732-549-3900 Fax: 732-549-3679

Chain of Custody Record

eurofins | Environment Testing

Client Information	Sampler: KDO	Lab PM: Flannery Elizabeth J	Carrier Tracking No(s):	COC No: 460-200914-131501 7
Client Contact: Sarah Commisso	Phone:	E-Mail: Elizabeth.Flannery@et.eurofinsus.com	State of Origin:	Page: Page 7 of 24 7/9
Company: Haley & Aldrich, Inc.	PWSID:			Job #: 336961
Address: 213 West 35th Street, 7th Floor	Due Date Requested:			
City: New York	TAT Requested (days): 5 DAY			
State, Zip: NY 10001	Compliance Project: Δ Yes Δ No			
Phone:	PO #: ~~0208988-001-001-06~~ 8213536-001-002 C3			
Email: SCommisso@haleyaldrich.com	WO #: 4101 Arthur Kill Road, Staten Island, NY			
Project Name: 4101 Arthur Kill Former Port Mobi	Project #: 46042832			
Site:	SSOW#:			

Analysis Requested

Preservation Codes: N None; F MeOH; Other

Sample Identification	Sample Date	Sample Time	Sample Type (C=comp, G=grab)	Matrix (W=water, S=solid, O=waste/oil, BT=Tissue, A=Air, DW=Drinking Water)	Field Filtered Sample (Yes or No)	Perform MS/MSD (Yes or No)	8260D TCL/Part 375 VOCs (6020B; 7471B; 8081B; 8082A; 8270E) N	8260D TCL/Part 375 VOCs F	Total Number of containers	Special Instructions/Note:
		Preservation Code:								
5E3_4-5	10/8/25	1250	G	Solid				X		65
5E1_6-7		1255		Solid						66
5E2_7-8		1300		Solid						67
5E3_8-9		1305		Solid						68
5E1_9-10		1310		Solid						69
SB3B1_1-2		1315		Solid						70
3B2_2-3		1320		Solid						71
3B3_4-5		1325		Solid						72
3B1_6-7		1330		Solid						73
3B2_8-9		1335		Solid						74
3B3_10 11		1340		Solid						75

Possible Hazard Identification
☐ Non-Hazard ☐ Flammable ☐ Skin Irritant ☐ Poison B ☐ Unknown ☐ Radiological

Sample Disposal (A fee may be assessed if samples are retained longer than 1 month)
☐ Return To Client ☐ Disposal By Lab ☐ Archive For _____ Months

Deliverable Requested: I II, III IV Other (specify)

Special Instructions/QC Requirements:

Empty Kit Relinquished by:	Date:	Time:	Method of Shipment:

	Relinquished by:	Date/Time:	Company	Received by:	Date/Time:	Company
1	Kassidy OConnor	10/8/25	H&A		10/8 16.00	ET
2		10/8 17:00	ET	Emily Hoffler	10/8/25 1700	ETA
3	Relinquished by:	Date/Time:	Company	Received by:	Date/Time:	Company

Custody Seals Intact: Δ Yes Δ No | Custody Seal No.: N/A

Cooler Temperature(s) °C and Other Remarks: 1) 1.9 1.6 2) 1.0/.7 3) 1.4/1.1 #9 4) 1.0/.7

Ver: 10/10/2024

10/20/2025

Eurofins Edison
777 New Durham Road
Edison NJ 08817
Phone: 732-549-3900 Fax: 732-549-3679

Chain of Custody Record

eurofins | Environment Testing

Client Information	Sampler: KRO	Lab PM: Flannery Elizabeth J	Carrier Tracking No(s):	COC No: 460-200914-131501.8
Client Contact: Sarah Commisso	Phone:	E-Mail: Elizabeth.Flannery@et.eurofinsus.com	State of Origin:	Page: Page ~~8 of 24~~ 8/9
Company: Haley & Aldrich, Inc.	PWSID:	Analysis Requested		Job #: 336761
Address: 213 West 35th Street, 7th Floor	Due Date Requested:			Preservation Codes: N None, F MeOH
City: New York	TAT Requested (days): 5 DAY			
State, Zip: NY 10001	Compliance Project: Δ Yes Δ No			
Phone:	PO #: ~~0208988-001-001-00~~ 0213836-001-002-03			
Email: SCommisso@haleyaldrich.com	WO #: 4101 Arthur Kill Road, Staten Island NY			
Project Name: 4101 Arthur Kill Former Port Mobil	Project #: 46042832			
Site:	SSOW#:			Other:

Sample Identification	Sample Date	Sample Time	Sample Type (C=comp, G=grab)	Matrix (W=water, S=solid, O=waste/oil BT=Tissue, A=Air DW=Drinking Water)	Field Filtered Sample (Yes or No)	Perform MS/MSD (Yes or No)	8260B_7471B_8081B_8082A_8270E	8260D TCL/Part 375 VOCs	Total Number of containers	Special Instructions/Note:
			Preservation Code:				N	F		
3B2_11-12	10/8/25	1345	G	Solid				X		76
3C1_1-2		1350		Solid						77
3C2_2-3		1355		Solid						78
3C3_4-5		1400		Solid						79
3C1_5-6		1405		Solid						80
3C2_7-8		1410		Solid						81
3C3_9-10		1415		Solid						82
3C1_10-11		1420		Solid						83
3D1_1-2		1425		Solid						84
3D2_3-4		1430		Solid						85
3D3_5-6		1435		Solid						86

Possible Hazard Identification
☐ Non-Hazard ☐ Flammable ☐ Skin Irritant ☐ Poison B ☐ Unknown ☐ Radiological

Sample Disposal (A fee may be assessed if samples are retained longer than 1 month)
☐ Return To Client ☐ Disposal By Lab ☐ Archive For _____ Months

Deliverable Requested: I II, III IV Other (specify)

Special Instructions/QC Requirements:

Empty Kit Relinquished by:	Date:	Time:	Method of Shipment:				
Relinquished by: Kassidy OConnor	Date/Time: 10/8/25	Company: H&A	Received by:	Date/Time: 10/8 1600	Company: ECT
Relinquished by:	Date/Time: 10/8 1700	Company: ECT	Received by: Emely Morales	Date/Time: 10/8/25 1700	Company: ECA
Relinquished by:	Date/Time:	Company	Received by:	Date/Time:	Company

Custody Seals Intact: Δ Yes Δ No | Custody Seal No.: N/A

Cooler Temperature(s) °C and Other Remarks: 1) 1.9 1.6 2) 1.0 1.7 3) 1.4 1.1 #9 4) 1.0 1.7

Ver: 06/08/2024

Eurofins Edison
777 New Durham Road
Edison NJ 08817
Phone: 732-549-3900 Fax: 732-549-3679

Chain of Custody Record

eurofins | Environment Testing

Client Information	Sampler	Lab PM	Carrier Tracking No(s)	COC No
	KRD	Flannery Elizabeth J		460-200914-131501.9
Client Contact: Sarah Commisso	Phone:	E-Mail: Elizabeth.Flannery@et.eurofinsus.com	State of Origin:	Page: Page ~~9 of 24~~ 9/9
Company: Haley & Aldrich, Inc.	PWSID:			Job #: 336961
Address: 213 West 35th Street, 7th Floor	Due Date Requested:			
City: New York	TAT Requested (days): 5 DAY			
State, Zip: NY 10001	Compliance Project: Δ Yes Δ No			
Phone:	PO #: 0213536-001-002 03 0208988-001-001-06			
Email: SCommisso@haleyaldrich.com	WO #: 4101 Arthur Kill Road, Staten Island, NY			
Project Name: 4101 Arthur Kill Former Port Mobil	Project #: 46042832			
Site:	SSOW#:			

Analysis Requested

Preservation Codes: N None; F MeOH

Sample Identification	Sample Date	Sample Time	Sample Type (C=comp, G=grab)	Matrix (W=water, S=solid, O=waste/oil, BT=Tissue, A=Air, DW=Drinking Water)	Field Filtered Sample (Yes or No)	Perform MS/MSD (Yes or No)	6020B, 7471B, 8081B, 8082A, 8270C	8260D TCL/Part 375 VOCs	Total Number of containers	Special Instructions/Note:
			Preservation Code:				N	F		
3D1_6-7	10/8/25	1140	G	Solid				X		87
3D2_7-8	"	1145	"	Solid				"		88
3D3_9-10	"	1450	"	Solid				"		89
3D1_11-12	"	1455	"	Solid				"		90
				Solid						
				Solid						
				Solid						
				Solid						
				Solid						
				Solid						
				Solid						

Possible Hazard identification
☐ Non-Hazard ☐ Flammable ☐ Skin Irritant ☐ Poison B ☐ Unknown ☐ Radiological

Sample Disposal (A fee may be assessed if samples are retained longer than 1 month)
☐ Return To Client ☐ Disposal By Lab ☐ Archive For _____ Months

Deliverable Requested: I II III, IV Other (specify)

Special Instructions/QC Requirements:

Empty Kit Relinquished by:	Date:	Time:	Method of Shipment:
Relinquished by: Kassidy OConnor	Date/Time: 10/8/25	Company: H&H	Received by: [signature] Date/Time: 10/8/25 16:00 Company: ET
Relinquished by: [signature]	Date/Time: 10/8 17:00	Company: ET	Received by: Emely Haffen Date/Time: 10/8/25 1700 Company: ET-HA
Relinquished by:	Date/Time:	Company	Received by: Date/Time: Company
Custody Seals Intact: Δ Yes Δ No	Custody Seal No.: N/A		Cooler temperature(s) °C and Other Remarks: 1) 1.9/1.6 2) 1.6/1.7 3) 1.4/1.1 #94 1.0/1.7

Eurofins TestAmerica Edison
Receipt Temperature and pH Log

Job Number: 336761

Number of Coolers: 4 IR Gun # 9

Cooler Temperatures

	RAW	CORRECTED		RAW	CORRECTED		RAW	CORRECTED
Cooler #1:	1.9 °C	1.6 °C	Cooler #4:	1.0 °C	1.7 °C	Cooler #7:	°C	°C
Cooler #2:	1.0 °C	1.7 °C	Cooler #5:	°C	°C	Cooler #8:	°C	°C
Cooler #3:	1.4 °C	1.1 °C	Cooler #6:	°C	°C	Cooler #9:	°C	°C

TALS Sample Number	Ammonia (pH<2)	COD (pH<2)	Nitrate Nitrite (pH<2)	Metals* (pH<2)	Hardness (pH<2)	Pest (pH 5-9)	EPH or QAM (pH<2)	Phenols (pH<2)	Sulfide (pH>9)	TKN (pH<2)	TOC (pH<2)	Total Cyanide (pH>12)	Total Phos (pH<2)	Other	Other

If pH adjustments are required record the information below

Sample No(s). adjusted. _____

Preservative Name/Conc. _____ Volume of Preservative used (ml) _____

Lot # of Preservative(s) _____ Expiration Date _____

The appropriate Project Manager and Department Manager should be notified about the samples which were pH adjusted.

Samples for Metal analysis which are out of compliance must be acidified at least 24 hours prior to analysis.

EDS-WI-038, Rev 4.1
10/22/2019

Initials: EEN Date: 10/9/25

Eurofins Edison
777 New Durham Road
Edison, NJ 08817
Phone: 732-549-3900 Fax: 732-549-3679

Chain of Custody Record

eurofins | Environment Testing

Client Information (Sub Contract Lab)	Sampler: N/A	Lab PM: Flannery, Elizabeth J	Carrier Tracking No(s): N/A	COC No: 460-75624.1
Client Contact: Shipping/Receiving	Phone: N/A	E-Mail: Elizabeth.Flannery@et.eurofinsus.com	State of Origin: New York	Page: Page 1 of 3
Company: Eurofins Lancaster Laboratories Environm		Accreditations Required (See note): NELAP - New York		Job #: 460-336761-1
Address: 2425 New Holland Pike, ,	Due Date Requested: 10/15/2025			Preservation Codes: -
City: Lancaster	TAT Requested (days): N/A			
State, Zip: PA, 17601				
Phone: 717-656-2300(Tel)	PO #: N/A			
Email: N/A	WO #: N/A			
Project Name: Former Port Mobil	Project #: 46042832			
Site: N/A	SSOW#: N/A			Other: N/A

Sample Identification - Client ID (Lab ID)	Sample Date	Sample Time	Sample Type (C=Comp, G=grab)	Matrix (W=water, S=solid, O=waste/oil, BT=Tissue, A=Air)	Field Filtered Sample (Yes or No)	Perform MS/MSD (Yes or No)	1633A/1633A_Shake1633 Standard List 40	Total Number of containers	Special Instructions/Note:
			Preservation Code:						
49C_0-5 (460-336761-1)	10/8/25	08:00 Eastern	G	Solid			X	1	
49C_5-10 (460-336761-2)	10/8/25	08:05 Eastern	G	Solid			X	1	
49D_0-5 (460-336761-3)	10/8/25	08:10 Eastern	G	Solid			X	1	
49D_5-10 (460-336761-4)	10/8/25	08:15 Eastern	G	Solid			X	1	
5A_0-5 (460-336761-5)	10/8/25	09:30 Eastern	G	Solid			X	1	
5A_5-10 (460-336761-6)	10/8/25	09:35 Eastern	G	Solid			X	1	
5B_0-5 (460-336761-7)	10/8/25	09:40 Eastern	G	Solid			X	1	
5B_5-10 (460-336761-8)	10/8/25	09:45 Eastern	G	Solid			X	1	
5C_0-5 (460-336761-9)	10/8/25	09:50 Eastern	G	Solid			X	1	

Note: Since laboratory accreditations are subject to change, Eurofins Environment Testing Northeast, LLC places the ownership of method, analyte & accreditation compliance upon our subcontract laboratories. This sample shipment is forwarded under chain-of-custody. If the laboratory does not currently maintain accreditation in the State of Origin listed above for analysis/tests/matrix being analyzed, the samples must be shipped back to the Eurofins Environment Testing Northeast, LLC laboratory or other instructions will be provided. Any changes to accreditation status should be brought to Eurofins Environment Testing Northeast, LLC attention immediately. If all requested accreditations are current to date, return the signed Chain of Custody attesting to said compliance to Eurofins Environment Testing Northeast, LLC.

Possible Hazard Identification	*Sample Disposal (A fee may be assessed if samples are retained longer than 1 month)*
Unconfirmed	☐ *Return To Client* ☐ *Disposal By Lab* ☐ *Archive For* _____ *Months*
Deliverable Requested: I, II, III, IV, Other (specify) Primary Deliverable Rank: 1	Special Instructions/QC Requirements:

Empty Kit Relinquished by:	Date:	Time:	Method of Shipment:

	Relinquished by:	Date/Time:	Company	Received by:	Date/Time:	Company
1		10/10/25 1600	ET		10/10/25 1600	ET
2		10/10/25 1940	ET			
3					10/10/25 1940	ET

Custody Seals Intact: Δ Yes Δ No	Custody Seal No.:	Cooler Temperature(s) °C and Other Remarks: r:6.9 c:5.0

Ver: 10/10/2024

Eurofins Edison
777 New Durham Road
Edison, NJ 08817
Phone: 732-549-3900 Fax: 732-549-3679

Chain of Custody Record

eurofins | Environment Testing

Client Information (Sub Contract Lab)	Sampler: N/A	Lab PM: Flannery, Elizabeth J	Carrier Tracking No(s): N/A	COC No: 460-75624.2
Client Contact: Shipping/Receiving	Phone: N/A	E-Mail: Elizabeth.Flannery@et.eurofinsus.com	State of Origin: New York	Page: Page 2 of 3
Company: Eurofins Lancaster Laboratories Environm		Accreditations Required (See note): NELAP - New York		Job #: 460-336761-1
Address: 2425 New Holland Pike, ,	Due Date Requested: 10/15/2025			Preservation Codes: -
City: Lancaster	TAT Requested (days): N/A			
State, Zip: PA, 17601				
Phone: 717-656-2300(Tel)	PO #: N/A			
Email: N/A	WO #: N/A			
Project Name: Former Port Mobil	Project #: 46042832			
Site: N/A	SSOW#: N/A			Other: N/A

Sample Identification - Client ID (Lab ID)	Sample Date	Sample Time	Sample Type (C=comp, G=grab)	Matrix (W=water, S=solid, O=waste/oil, BT=Tissue, A=Air)	Field Filtered Sample (Yes or No)	Perform MS/MSD (Yes or No)	1633A/1633A_Shake1633 Standard List 40	Total Number of containers	Special Instructions/Note:
			Preservation Code:						
5C_5-10 (460-336761-10)	10/8/25	09:55 Eastern	G	Solid			X	1	
5D_0-5 (460-336761-11)	10/8/25	10:00 Eastern	G	Solid			X	1	
5D_5-10 (460-336761-12)	10/8/25	10:05 Eastern	G	Solid			X	1	
5E_0-5 (460-336761-13)	10/8/25	10:10 Eastern	G	Solid			X	1	
5E_5-10 (460-336761-14)	10/8/25	10:15 Eastern	G	Solid			X	1	
3B_0-7 (460-336761-15)	10/8/25	15:00 Eastern	G	Solid			X	1	
3B_7-14 (460-336761-16)	10/8/25	15:05 Eastern	G	Solid			X	1	
3C_0-7 (460-336761-17)	10/8/25	15:10 Eastern	G	Solid			X	1	
3C_7-14 (460-336761-18)	10/8/25	15:25 Eastern	G	Solid			X	1	

Note: Since laboratory accreditations are subject to change, Eurofins Environment Testing Northeast, LLC places the ownership of method, analyte & accreditation compliance upon our subcontract laboratories. This sample shipment is forwarded under chain-of-custody. If the laboratory does not currently maintain accreditation in the State of Origin listed above for analysis/tests/matrix being analyzed, the samples must be shipped back to the Eurofins Environment Testing Northeast, LLC laboratory or other instructions will be provided. Any changes to accreditation status should be brought to Eurofins Environment Testing Northeast, LLC attention immediately. If all requested accreditations are current to date, return the signed Chain of Custody attesting to said compliance to Eurofins Environment Testing Northeast, LLC.

Possible Hazard Identification	*Sample Disposal (A fee may be assessed if samples are retained longer than 1 month)*
Unconfirmed	☐ *Return To Client* ☐ *Disposal By Lab* ☐ *Archive For* _____ *Months*
Deliverable Requested: I, II, III, IV, Other (specify) Primary Deliverable Rank: 1	Special Instructions/QC Requirements:

Empty Kit Relinquished by:	Date:	Time:	Method of Shipment:

	Relinquished by:	Date/Time:	Company	Received by:	Date/Time:	Company
1		10/10/25 1600	EET		10/10/25 1600	ET
2		10/10/25 1940	ET			
3					10/10/25 1940	

Custody Seals Intact: Δ Yes Δ No	Custody Seal No.:	Cooler Temperature(s) °C and Other Remarks: r1.6.4 c1.5.0

Ver: 10/10/2024

Eurofins Edison
777 New Durham Road
Edison, NJ 08817
Phone: 732-549-3900 Fax: 732-549-3679

Chain of Custody Record

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Client Information (Sub Contract Lab)	Sampler: N/A	Lab PM: Flannery, Elizabeth J	Carrier Tracking No(s): N/A	COC No: 460-75624.3
Client Contact: Shipping/Receiving	Phone: N/A	E-Mail: Elizabeth.Flannery@et.eurofinsus.com	State of Origin: New York	Page: Page 3 of 3
Company: Eurofins Lancaster Laboratories Environm		Accreditations Required (See note): NELAP - New York		Job #: 460-336761-1
Address: 2425 New Holland Pike, ,	Due Date Requested: 10/15/2025			Preservation Codes: -
City: Lancaster	TAT Requested (days): N/A			
State, Zip: PA, 17601				
Phone: 717-656-2300(Tel)	PO #: N/A			
Email: N/A	WO #: N/A			
Project Name: Former Port Mobil	Project #: 46042832			
Site: N/A	SSOW#: N/A			Other: N/A

Sample Identification - Client ID (Lab ID)	Sample Date	Sample Time	Sample Type (C=Comp, G=grab)	Matrix (W=water, S=solid, O=waste/oil, BT=Tissue, A=Air)	Field Filtered Sample (Yes or No)	Perform MS/MSD (Yes or No)	1633A/1633A_Shake1633 Standard List 40	Total Number of containers	Special Instructions/Note:
			Preservation Code:						
3D_0-7 (460-336761-19)	10/8/25	15:20 Eastern	G	Solid			X	1	
3D_7-14 (460-336761-20)	10/8/25	15:15 Eastern	G	Solid			X	1	

Note: Since laboratory accreditations are subject to change, Eurofins Environment Testing Northeast, LLC places the ownership of method, analyte & accreditation compliance upon our subcontract laboratories. This sample shipment is forwarded under chain-of-custody. If the laboratory does not currently maintain accreditation in the State of Origin listed above for analysis/tests/matrix being analyzed, the samples must be shipped back to the Eurofins Environment Testing Northeast, LLC laboratory or other instructions will be provided. Any changes to accreditation status should be brought to Eurofins Environment Testing Northeast, LLC attention immediately. If all requested accreditations are current to date, return the signed Chain of Custody attesting to said compliance to Eurofins Environment Testing Northeast, LLC.

Possible Hazard Identification	Sample Disposal (A fee may be assessed if samples are retained longer than 1 month)
Unconfirmed	☐ Return To Client ☐ Disposal By Lab ☐ Archive For _____ Months
Deliverable Requested: I, II, III, IV, Other (specify) Primary Deliverable Rank: 1	Special Instructions/QC Requirements:

Empty Kit Relinquished by:	Date:	Time:	Method of Shipment:

	Relinquished by:	Date/Time:	Company	Received by:	Date/Time:	Company
1		10/10/25 1600	ET		10/10/25 1600	ET
2		10/10/25 1940	ET			
3					10/11/25 1440	

Custody Seals Intact: Δ Yes Δ No	Custody Seal No.:	Cooler Temperature(s) °C and Other Remarks: c:6.4 c:5.0

Ver: 10/10/2024

Login Sample Receipt Checklist

Client: Haley & Aldrich, Inc.

Job Number: 460-336761-1

Login Number: 336761
List Number: 1
Creator: Thundathorn, Sukanan 1

List Source: Eurofins Edison

Question	Answer	Comment
Radioactivity wasn't checked or is </= background as measured by a survey meter.	N/A	
The cooler's custody seal, if present, is intact.	True	
Sample custody seals, if present, are intact.	True	
The cooler or samples do not appear to have been compromised or tampered with.	True	
Samples were received on ice.	True	
Cooler Temperature is acceptable.	True	
Cooler Temperature is recorded.	True	
COC is present.	True	
COC is filled out in ink and legible.	True	
COC is filled out with all pertinent information.	True	
Is the Field Sampler's name present on COC?	True	
There are no discrepancies between the containers received and the COC.	True	
Samples are received within Holding Time (excluding tests with immediate HTs)	True	
Sample containers have legible labels.	True	
Containers are not broken or leaking.	True	
Sample collection date/times are provided.	True	
Appropriate sample containers are used.	True	
Sample bottles are completely filled.	True	
Sample Preservation Verified.	True	
There is sufficient vol. for all requested analyses, incl. any requested MS/MSDs	True	
Containers requiring zero headspace have no headspace or bubble is <6mm (1/4").	True	
Multiphasic samples are not present.	True	
Samples do not require splitting or compositing.	True	
Residual Chlorine Checked.	N/A	

Login Sample Receipt Checklist

Client: Haley & Aldrich, Inc.

Job Number: 460-336761-1

Login Number: 336761
List Number: 2
Creator: Renner, Melissa

List Source: Eurofins Lancaster Laboratories Environment Testing, LLC
List Creation: 10/11/25 04:20 AM

Question	Answer	Comment
The cooler's custody seal is intact.	N/A	Not present
The cooler or samples do not appear to have been compromised or tampered with.	True	
Samples were received on ice.	True	
Cooler Temperature acceptable,where thermal pres is required(</=6C, not frozen).	True	
Cooler Temperature is recorded.	True	
WV:Container Temp acceptable,where thermal pres is required (</=6C, not frozen).	N/A	
WV: Container Temperature is recorded.	N/A	
COC is present.	True	
COC is filled out in ink and legible.	True	
COC is filled out with all pertinent information.	True	
There are no discrepancies between the containers received and the COC.	True	
Sample containers have legible labels.	True	
Containers are not broken or leaking.	True	
Sample collection date/times are provided.	True	
Appropriate sample containers are used.	True	
Sample bottles are completely filled.	True	
There is sufficient vol. for all requested analyses.	True	
Is the Field Sampler's name present on COC?	False	Received project as a subcontract.
Sample custody seals are intact.	N/A	Not present.
VOA sample vials do not have headspace >6mm in diameter (none, if from WV)?	N/A	

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ANALYTICAL REPORT

PREPARED FOR

Attn: Sarah Commisso
Haley & Aldrich, Inc.
213 West 35th Street, 7th Floor
New York, New York 10001

Generated 10/21/2025 2:58:30 PM

JOB DESCRIPTION

Former Port Mobil

JOB NUMBER

460-336881-1

Eurofins Edison
777 New Durham Road
Edison NJ 08817

See page two for job notes and contact information.

my EOL

Eurofins Edison

Job Notes

This report may not be reproduced except in full, and with written approval from the laboratory. The results relate only to the samples tested. For questions please contact the Project Manager at the e-mail address or telephone number listed on this page.

The test results in this report relate only to the samples as received by the laboratory and will meet all requirements of the methodology, with any exceptions noted. This report shall not be reproduced except in full, without the express written approval of the laboratory. All questions should be directed to the Eurofins Environment Testing Northeast, LLC Project Manager.

Compliance Statement

I certify that this data package is in compliance with the terms and conditions of the contract, both technically and for completeness, for other than the conditions detailed within the body of this report. Release of the data contained in this sample data package and in the electronic data deliverable has been authorized by the Laboratory Manager or his/her designee, as verified by the following signature.

Authorization

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Authorized for release by
Elizabeth Flannery, Project Manager I
Elizabeth.Flannery@et.eurofinsus.com
(732)549-3900

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Qualifiers

GC/MS VOA

Qualifier	Qualifier Description
*	LCS or LCSD is outside acceptance limits.
J	Indicates an estimated value.
U	Analyzed for but not detected.

GC/MS Semi VOA

Qualifier	Qualifier Description
*	MS or MSD is outside acceptance limits.
*	LCS or LCSD is outside acceptance limits.
E	Compound concentration exceeds the upper level of the calibration range of the instrument for that specific analysis.
J	Indicates an estimated value.
U	Analyzed for but not detected.

GC Semi VOA

Qualifier	Qualifier Description
*	LCS or LCSD is outside acceptance limits.
*	MS or MSD is outside acceptance limits.
J	Indicates an estimated value.
U	Analyzed for but not detected.

LCMS

Qualifier	Qualifier Description
*	Isotope Dilution analyte is outside acceptance limits.
G	The reported quantitation limit has been raised due to an exhibited elevated noise or matrix interference
J	Indicates an estimated value.
U	Analyzed for but not detected.

Metals

Qualifier	Qualifier Description
*	Duplicate analysis not within control limits.
4	MS, MSD: The analyte present in the original sample is greater than 4 times the matrix spike concentration; therefore, control limits are not applicable.
J	Sample result is greater than the MDL but below the CRDL
N	Spiked sample recovery is not within control limits.
U	Indicates analyzed for but not detected.

General Chemistry

Qualifier	Qualifier Description
*	Duplicate analysis not within control limits.

Glossary

Abbreviation	These commonly used abbreviations may or may not be present in this report.
☼	Listed under the "D" column to designate that the result is reported on a dry weight basis
%R	Percent Recovery
CFL	Contains Free Liquid
CFU	Colony Forming Unit
CNF	Contains No Free Liquid
DER	Duplicate Error Ratio (normalized absolute difference)
Dil Fac	Dilution Factor
DL	Detection Limit (DoD/DOE)
DL, RA, RE, IN	Indicates a Dilution, Re-analysis, Re-extraction, or additional Initial metals/anion analysis of the sample
DLC	Decision Level Concentration (Radiochemistry)
EDL	Estimated Detection Limit (Dioxin)
LOD	Limit of Detection (DoD/DOE)
LOQ	Limit of Quantitation (DoD/DOE)
MCL	EPA recommended "Maximum Contaminant Level"
MDA	Minimum Detectable Activity (Radiochemistry)

Glossary (Continued)

Abbreviation	These commonly used abbreviations may or may not be present in this report.
MDC	Minimum Detectable Concentration (Radiochemistry)
MDL	Method Detection Limit
ML	Minimum Level (Dioxin)
MPN	Most Probable Number
MQL	Method Quantitation Limit
NC	Not Calculated
ND	Not Detected at the reporting limit (or MDL or EDL if shown)
NEG	Negative / Absent
POS	Positive / Present
PQL	Practical Quantitation Limit
PRES	Presumptive
QC	Quality Control
RER	Relative Error Ratio (Radiochemistry)
RL	Reporting Limit or Requested Limit (Radiochemistry)
RPD	Relative Percent Difference, a measure of the relative difference between two points
TEF	Toxicity Equivalent Factor (Dioxin)
TEQ	Toxicity Equivalent Quotient (Dioxin)
TNTC	Too Numerous To Count

Job Narrative
460-336881-1

The analytical test results presented in this report meet all requirements of the associated regulatory program listed on the Accreditation/Certification Summary Page, unless otherwise noted. Data qualifiers and/or narrative comments are included to explain any exceptions, if applicable. Regulated compliance samples (e.g. SDWA, NPDES) must comply with associated agency requirements/permits.

- Matrix-specific batch QC (e.g., MS, MSD, SD) may not be reported when insufficient sample volume is available or when site-specific QC samples are not submitted. In such cases, a Laboratory Control Sample Duplicate (LCSD) may be analyzed to provide precision data for the batch.
- For samples analyzed using surrogate and/or isotope dilution analytes, any recoveries falling outside of established acceptance criteria are re-prepared and/or re-analyzed to confirm results, unless the deviation is due to sample dilution or otherwise explained in the case narrative.

Receipt
The samples were received on 10/9/2025 4:58 PM. Unless otherwise noted below, the samples arrived in good condition, and, where required, properly preserved and on ice. The temperatures of the 2 coolers at receipt time were 1.6°C and 2.2°C.

Method 8260D - Volatile Organic Compounds by GC/MS
Samples 3A1_2-3 (460-336881-17), 3A2_1-2 (460-336881-18), 3A3_6-7 (460-336881-19), 3A1_8-9 (460-336881-20), 3A2_10-11 (460-336881-21), 3A3_12-13 (460-336881-22), 3A2_4-5 (460-336881-23), 3F1_3-4 (460-336881-24), 3F2_1-2 (460-336881-25), 3F3_6-7 (460-336881-26), 3F1_5-6 (460-336881-27), 3F2_11-12 (460-336881-28), 3F3_7-8 (460-336881-29), 3F2_12-13 (460-336881-30), 3E1_2-3 (460-336881-31), 3E2_4-5 (460-336881-32), 3E3_6-7 (460-336881-33), 3E1_8-9 (460-336881-34), 3E2_7-8 (460-336881-35), 3E3_11-12 (460-336881-36), 3E3_13-14 (460-336881-37), 3G1_1-2 (460-336881-38), 3G2_4-5 (460-336881-39), 3G3_3-4 (460-336881-40), 3G1_7-8 (460-336881-41), 3G2_10-11 (460-336881-42), 3G3_9-10 (460-336881-43), 3G1_13-14 (460-336881-44), 50A1_1-2 (460-336881-45), 50A2_2-3 (460-336881-46), 50A3_3-4 (460-336881-47), 50A4_5-6 (460-336881-48), 50A1_8-9 (460-336881-49), 50A2_7-8 (460-336881-50), 50A4_9-10 (460-336881-51), 50B1_1-2 (460-336881-52), 50B2_3-4 (460-336881-53), 50B3_2-3 (460-336881-54), 50B1_4-5 (460-336881-55), 50B2_5-6 (460-336881-56), 50B1_6-7 (460-336881-57), 50B3_7-8 (460-336881-58), 50C1_1-2 (460-336881-59), 50C2_2-3 (460-336881-60), 50C3_4-5 (460-336881-61), 50C1_5-6 (460-336881-62), 50C2_7-8 (460-336881-63), 50C3_5-6 (460-336881-64), 50C2_6-7 (460-336881-65), 50D1_3-4 (460-336881-66), 50D2_1-2 (460-336881-67), 50D3_4-5 (460-336881-68), 50D1_5-6 (460-336881-69), 50D4_6-7 (460-336881-70), 50D3_9-10 (460-336881-71) and 50D2_8-9 (460-336881-72) were analyzed for Volatile Organic Compounds by GC/MS. The samples were prepared on 10/12/2025 and analyzed on 10/13/2025, 10/14/2025, 10/15/2025 and 10/20/2025.

The laboratory control sample (LCS) for analytical batch 460-1067931 recovered outside control limits for the following analytes: 2-Hexanone and 4-Methyl-2-pentanone (MIBK). These analytes were biased high in the LCS and were not detected in the associated samples; therefore, the data have been reported.

The continuing calibration verification (CCV) analyzed in batch 460-1067943 was outside the method criteria for the following analyte: 1,2-Dichloroethane (biased low). A CCV standard at or below the reporting limit (RL) was analyzed with the affected samples and found to be acceptable. As indicated in the reference method, sample analysis may proceed; however, any detection for the affected analyte(s) is considered estimated.

The continuing calibration verification (CCV) analyzed in batch 460-1067947 was outside the method criteria for the following analyte(s): 1,2-Dichloroethane and Carbon tetrachloride (biased low). A CCV standard at or below the reporting limit (RL) was analyzed with the affected samples and found to be acceptable. As indicated in the reference method, sample analysis may proceed; however, any detection for the affected analyte(s) is considered estimated.

The laboratory control sample (LCS) and / or laboratory control sample duplicate (LCSD) for analytical batch 460-1067954 recovered outside control limits for the following analytes: 2-Hexanone and 4-Methyl-2-pentanone (MIBK). These analytes were biased high in the LCS/LCSD and were not detected in the associated samples; therefore, the data have been reported.

The continuing calibration verification (CCV) analyzed in batch 460-1069414 was outside the method criteria for the following analytes: Chloromethane (biased low) and 1,2,3-Trichlorobenzene, 1,2,4-Trichlorobenzene, 1,3-Dichlorobenzene, sec-Butylbenzene and n-Butylbenzene (biased high). A CCV standard at or below the reporting limit (RL) was analyzed with the affected samples and found to be acceptable. As indicated in the reference method, sample analysis may proceed; however, any detection for the affected analytes is considered estimated.

The laboratory control sample (LCS) for analytical batch 460-1069414 recovered outside control limits for the following analytes: 1,3-Dichlorobenzene, sec-Butylbenzene and n-Butylbenzene. These analytes were biased high in the LCS and were not detected in the associated samples; therefore, the data have been reported.

Method 8270E - Semivolatile Organic Compounds (GC/MS)
Samples 50A_0-5 (460-336881-1), 50A_5-10 (460-336881-2), 50B_0-4 (460-336881-3), 50B_4-8 (460-336881-4), 50C_0-4 (460-336881-5), 50C_4-8 (460-336881-6), 50D_0-5 (460-336881-7), 50D_5-10 (460-336881-8), 3A_0-7 (460-336881-9), 3A_7-14 (460-336881-10), 3B_0-7 (460-336881-11), 3B_7-14 (460-336881-12), 3F_0-7 (460-336881-13), 3F_7-14 (460-336881-14), 3G_0-7 (460-336881-15) and 3G_7-14 (460-336881-16) were analyzed for Semivolatile Organic Compounds (GC/MS). The samples were prepared and analyzed on 10/11/2025.

The continuing calibration verification (CCV) analyzed in batch 460-1067621 was outside the method criteria for the following analyte(s): 2,4-Dinitrophenol, 2,4-Dinitrotoluene and Benzaldehyde. A CCV standard at or below the reporting limit (RL) was analyzed with the affected samples and found to be acceptable. As indicated in the reference method, sample analysis may proceed; however, any detection for the affected analyte(s) is considered estimated.

The laboratory control sample duplicate (LCSD) for preparation batch 460-1067581 and analytical batch 460-1067621 recovered outside control limits for the following analytes: Atrazine and Caprolactam. These analytes were biased high in the LCSD and were not detected in the associated samples; therefore, the data have been reported.

The continuing calibration verification (CCV) analyzed in batch 460-1067635 was outside the method criteria for the following analyte(s): 4,6-Dinitro-2-methylphenol, 4-Nitroaniline, Benzaldehyde and Hexachlorocyclopentadiene. A CCV standard at or below the reporting limit (RL) was analyzed with the affected samples and found to be acceptable. As indicated in the reference method, sample analysis may proceed; however, any detection for the affected analyte(s) is considered estimated.

The laboratory control sample duplicate (LCSD) for preparation batch 460-1067577 and analytical batch 460-1067635 recovered outside control limits for the following analytes: Atrazine and Caprolactam. These analytes were biased high in the LCSD and were not detected in the associated samples; therefore, the data have been reported.

Method 8082A - Polychlorinated Biphenyls (PCBs) by Gas Chromatography
Samples 50A_0-5 (460-336881-1), 50A_5-10 (460-336881-2), 50B_0-4 (460-336881-3), 50B_4-8 (460-336881-4), 50C_0-4 (460-336881-5), 50C_4-8 (460-336881-6), 50D_0-5 (460-336881-7), 50D_5-10 (460-336881-8), 3A_0-7 (460-336881-9), 3A_7-14 (460-336881-10), 3B_0-7 (460-336881-11), 3B_7-14 (460-336881-12), 3F_0-7 (460-336881-13), 3F_7-14 (460-336881-14), 3G_0-7 (460-336881-15) and 3G_7-14 (460-336881-16) were analyzed for Polychlorinated Biphenyls (PCBs) by Gas Chromatography. The samples were prepared on 10/11/2025 and analyzed on 10/14/2025.

The continuing calibration verification (CCVIS) for Decachlorobiphenyl surrogate recovered outside the lower control limit on the secondary column but within control limits on the primary column. The data have been qualified and reported. (CCVIS 460-1068035/2)

Method 8081B - Organochlorine Pesticides (GC)
Samples 50A_0-5 (460-336881-1), 50A_5-10 (460-336881-2), 50B_0-4 (460-336881-3), 50B_4-8 (460-336881-4), 50C_0-4 (460-336881-5), 50C_4-8 (460-336881-6), 50D_0-5 (460-336881-7), 50D_5-10 (460-336881-8), 3A_0-7 (460-336881-9), 3A_7-14 (460-336881-10), 3B_0-7 (460-336881-11), 3B_7-14 (460-336881-12), 3F_0-7 (460-336881-13), 3F_7-14 (460-336881-14), 3G_0-7 (460-336881-15) and 3G_7-14 (460-336881-16) were analyzed for Organochlorine Pesticides (GC). The samples were prepared on 10/11/2025 and analyzed on 10/12/2025 and 10/13/2025.

The laboratory control sample (LCS) and / or laboratory control sample duplicate (LCSD) for preparation batch 460-1067685 and analytical batch 460-1067743 recovered outside control limits for the following analytes: alpha-BHC, delta-BHC and Dieldrin. These analytes were biased high in the LCS and were not detected in the associated samples; therefore, the data have been reported.(LCS 460-1067685/2-A) and (LCSD 460-1067685/3-A)

Method 1633A - Per- and Polyfluoroalkyl Substances by LC/MS/MS, 1633A
Samples 50A_0-5 (460-336881-1), 50A_5-10 (460-336881-2), 50B_0-4 (460-336881-3), 50B_4-8 (460-336881-4), 50C_0-4 (460-336881-5), 50C_4-8 (460-336881-6), 50D_0-5 (460-336881-7), 50D_5-10 (460-336881-8), 3A_0-7 (460-336881-9), 3A_7-14 (460-336881-10), 3B_0-7 (460-336881-11), 3B_7-14 (460-336881-12), 3F_0-7 (460-336881-13), 3F_7-14 (460-336881-14), 3G_0-7 (460-336881-15) and 3G_7-14 (460-336881-16) were analyzed for Per- and Polyfluoroalkyl Substances by LC/MS/MS, 1633A. The samples were prepared on 10/15/2025 and analyzed on 10/17/2025.

The labeled isotopes 13C2 4:2 FTS are outside QC acceptance limits. Since the recovery in sample 50B_0-4 (460-336881-3),

50C_4-8 (460-336881-6) and 50D_5-10 (460-336881-8) is less than 350%, the data is reported.

The labeled isotopes 13C2 4:2 FTS and 13C2 6:2 FTS are outside QC acceptance limits. Since the recovery in sample 50D_0-5 (460-336881-7) is less than 350%, the data is reported.

Analyte Perfluorooctanoic acid (PFOA) and Perfluorononanoic acid (PFNA) was marked as non-detect for sample 50A_0-5 (460-336881-1) due to a detection below RL and failing ion ratio.

Analyte Perfluorooctanoic acid (PFOA) was marked as non-detect for sample 50C_4-8 (460-336881-6), 3B_0-7 (460-336881-11) and 3B_7-14 (460-336881-12) due to a detection below RL and failing ion ratio.

The transition mass ratio for Perfluorooctanoic acid (PFOA) in sample 50D_0-5 (460-336881-7) in analytical batch 410-714967 was outside 2x the established ratio limits. Analyst was not able to positively identify the analyte, therefore analyte has been marked as non-detect and reporting limit is elevated.

Method 6020B - Metals (ICP/MS)
Samples 50A_0-5 (460-336881-1), 50A_5-10 (460-336881-2), 50B_0-4 (460-336881-3), 50B_4-8 (460-336881-4), 50C_0-4 (460-336881-5), 50C_4-8 (460-336881-6), 50D_0-5 (460-336881-7), 50D_5-10 (460-336881-8), 3A_0-7 (460-336881-9), 3A_7-14 (460-336881-10), 3B_0-7 (460-336881-11), 3B_7-14 (460-336881-12), 3F_0-7 (460-336881-13), 3F_7-14 (460-336881-14), 3G_0-7 (460-336881-15) and 3G_7-14 (460-336881-16) were analyzed for Metals (ICP/MS). The samples were prepared on 10/16/2025 and 10/17/2025 and analyzed on 10/17/2025 and 10/20/2025.

Method 7471B - Mercury (CVAA)
Samples 50A_0-5 (460-336881-1), 50A_5-10 (460-336881-2), 50B_0-4 (460-336881-3), 50B_4-8 (460-336881-4), 50C_0-4 (460-336881-5), 50C_4-8 (460-336881-6), 50D_0-5 (460-336881-7), 50D_5-10 (460-336881-8), 3A_0-7 (460-336881-9), 3A_7-14 (460-336881-10), 3B_0-7 (460-336881-11), 3B_7-14 (460-336881-12), 3F_0-7 (460-336881-13), 3F_7-14 (460-336881-14), 3G_0-7 (460-336881-15) and 3G_7-14 (460-336881-16) were analyzed for Mercury (CVAA). The samples were prepared and analyzed on 10/20/2025.

Method Moisture - Percent Moisture
Samples 50A_0-5 (460-336881-1), 50A_5-10 (460-336881-2), 50B_0-4 (460-336881-3), 50B_4-8 (460-336881-4), 50C_0-4 (460-336881-5), 50C_4-8 (460-336881-6), 50D_0-5 (460-336881-7), 50D_5-10 (460-336881-8), 3A_0-7 (460-336881-9), 3A_7-14 (460-336881-10), 3B_0-7 (460-336881-11), 3B_7-14 (460-336881-12), 3F_0-7 (460-336881-13), 3F_7-14 (460-336881-14), 3G_0-7 (460-336881-15), 3G_7-14 (460-336881-16), 3A1_2-3 (460-336881-17), 3A2_1-2 (460-336881-18), 3A3_6-7 (460-336881-19), 3A1_8-9 (460-336881-20), 3A2_10-11 (460-336881-21), 3A3_12-13 (460-336881-22), 3A2_4-5 (460-336881-23), 3F1_3-4 (460-336881-24), 3F2_1-2 (460-336881-25), 3F3_6-7 (460-336881-26), 3F1_5-6 (460-336881-27), 3F2_11-12 (460-336881-28), 3F3_7-8 (460-336881-29), 3F2_12-13 (460-336881-30), 3E1_2-3 (460-336881-31), 3E2_4-5 (460-336881-32), 3E3_6-7 (460-336881-33), 3E1_8-9 (460-336881-34), 3E2_7-8 (460-336881-35), 3E3_11-12 (460-336881-36), 3E3_13-14 (460-336881-37), 3G1_1-2 (460-336881-38), 3G2_4-5 (460-336881-39), 3G3_3-4 (460-336881-40), 3G1_7-8 (460-336881-41), 3G2_10-11 (460-336881-42), 3G3_9-10 (460-336881-43), 3G1_13-14 (460-336881-44), 50A1_1-2 (460-336881-45), 50A2_2-3 (460-336881-46), 50A3_3-4 (460-336881-47), 50A4_5-6 (460-336881-48), 50A1_8-9 (460-336881-49), 50A2_7-8 (460-336881-50), 50A4_9-10 (460-336881-51), 50B1_1-2 (460-336881-52), 50B2_3-4 (460-336881-53), 50B3_2-3 (460-336881-54), 50B1_4-5 (460-336881-55), 50B2_5-6 (460-336881-56), 50B1_6-7 (460-336881-57), 50B3_7-8 (460-336881-58), 50C1_1-2 (460-336881-59), 50C2_2-3 (460-336881-60), 50C3_4-5 (460-336881-61), 50C1_5-6 (460-336881-62), 50C2_7-8 (460-336881-63), 50C3_5-6 (460-336881-64), 50C2_6-7 (460-336881-65), 50D1_3-4 (460-336881-66), 50D2_1-2 (460-336881-67), 50D3_4-5 (460-336881-68), 50D1_5-6 (460-336881-69), 50D4_6-7 (460-336881-70), 50D3_9-10 (460-336881-71) and 50D2_8-9 (460-336881-72) were analyzed for Percent Moisture. The samples were analyzed on 10/12/2025.

Detection Summary

Client: Haley & Aldrich, Inc.
Project/Site: Former Port Mobil

Job ID: 460-336881-1

Client Sample ID: 50A_0-5 — Lab Sample ID: 460-336881-1

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Benzo[b]fluoranthene	0.013	J	0.034	0.0088	mg/Kg	1	☼	8270E	Total/NA
Chrysene	0.014	J	0.34	0.014	mg/Kg	1	☼	8270E	Total/NA
Indeno[1,2,3-cd]pyrene	0.023	J	0.034	0.013	mg/Kg	1	☼	8270E	Total/NA
Naphthalene	0.0074	J	0.34	0.0059	mg/Kg	1	☼	8270E	Total/NA
Pyrene	0.0088	J	0.34	0.0085	mg/Kg	1	☼	8270E	Total/NA
Perfluorodecanoic acid (PFDA)	0.092	J	0.20	0.060	ug/Kg	1	☼	1633A	Total/NA
Perfluoroundecanoic acid (PFUnA)	1.00		0.20	0.10	ug/Kg	1	☼	1633A	Total/NA
Perfluorotridecanoic acid (PFTrDA)	0.92		0.20	0.10	ug/Kg	1	☼	1633A	Total/NA
Aluminum	4170		16.3	4.5	mg/Kg	1	☼	6020B	Total/NA
Antimony	1.5		0.81	0.12	mg/Kg	1	☼	6020B	Total/NA
Arsenic	7.1		0.81	0.084	mg/Kg	1	☼	6020B	Total/NA
Barium	23.8		1.6	0.12	mg/Kg	1	☼	6020B	Total/NA
Beryllium	0.55		0.33	0.018	mg/Kg	1	☼	6020B	Total/NA
Cadmium	0.13	J	0.81	0.092	mg/Kg	1	☼	6020B	Total/NA
Calcium	1420		81.5	7.9	mg/Kg	1	☼	6020B	Total/NA
Chromium	21.8		1.6	0.24	mg/Kg	1	☼	6020B	Total/NA
Cobalt	11.7		0.81	0.12	mg/Kg	1	☼	6020B	Total/NA
Copper	77.0		1.6	0.30	mg/Kg	1	☼	6020B	Total/NA
Iron	17900		48.9	6.2	mg/Kg	1	☼	6020B	Total/NA
Lead	116		0.49	0.16	mg/Kg	1	☼	6020B	Total/NA
Magnesium	1200		81.5	8.3	mg/Kg	1	☼	6020B	Total/NA
Manganese	89.0		3.3	0.33	mg/Kg	1	☼	6020B	Total/NA
Nickel	62.7		1.6	0.14	mg/Kg	1	☼	6020B	Total/NA
Potassium	819		81.5	13.2	mg/Kg	1	☼	6020B	Total/NA
Selenium	0.27	J	1.0	0.10	mg/Kg	1	☼	6020B	Total/NA
Silver	0.15	J	0.33	0.072	mg/Kg	1	☼	6020B	Total/NA
Sodium	46.3	J	81.5	37.2	mg/Kg	1	☼	6020B	Total/NA
Thallium	0.062	J	0.33	0.033	mg/Kg	1	☼	6020B	Total/NA
Vanadium	34.9		1.6	0.17	mg/Kg	1	☼	6020B	Total/NA
Zinc	158		6.5	0.89	mg/Kg	1	☼	6020B	Total/NA
Mercury	0.021		0.016	0.0075	mg/Kg	1	☼	7471B	Total/NA

Client Sample ID: 50A_5-10 — Lab Sample ID: 460-336881-2

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
2-Methylnaphthalene	0.010	J	0.35	0.0098	mg/Kg	1	☼	8270E	Total/NA
Benzo[a]pyrene	0.0095	J	0.035	0.0093	mg/Kg	1	☼	8270E	Total/NA
Benzo[b]fluoranthene	0.017	J	0.035	0.0091	mg/Kg	1	☼	8270E	Total/NA
Chrysene	0.019	J	0.35	0.015	mg/Kg	1	☼	8270E	Total/NA
Fluoranthene	0.013	J	0.35	0.012	mg/Kg	1	☼	8270E	Total/NA
Naphthalene	0.010	J	0.35	0.0061	mg/Kg	1	☼	8270E	Total/NA
Phenanthrene	0.014	J	0.35	0.014	mg/Kg	1	☼	8270E	Total/NA
Pyrene	0.012	J	0.35	0.0087	mg/Kg	1	☼	8270E	Total/NA
Perfluorooctanoic acid (PFOA)	0.092	J	0.20	0.059	ug/Kg	1	☼	1633A	Total/NA
Perfluorononanoic acid (PFNA)	0.10	J	0.20	0.098	ug/Kg	1	☼	1633A	Total/NA
Perfluorodecanoic acid (PFDA)	0.15	J	0.20	0.059	ug/Kg	1	☼	1633A	Total/NA
Perfluoroundecanoic acid (PFUnA)	1.57		0.20	0.098	ug/Kg	1	☼	1633A	Total/NA
Perfluorododecanoic acid (PFDoA)	0.25		0.20	0.098	ug/Kg	1	☼	1633A	Total/NA
Perfluorotridecanoic acid (PFTrDA)	1.95		0.20	0.098	ug/Kg	1	☼	1633A	Total/NA
Perfluorotetradecanoic acid (PFTeDA)	0.11	J	0.20	0.098	ug/Kg	1	☼	1633A	Total/NA
Aluminum	4560		16.4	4.5	mg/Kg	1	☼	6020B	Total/NA

This Detection Summary does not include radiochemical test results.

Client Sample ID: 50A_5-10 (Continued)

Lab Sample ID: 460-336881-2

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Antimony	2.2		0.82	0.12	mg/Kg	1	☼	6020B	Total/NA
Arsenic	9.2		0.82	0.084	mg/Kg	1	☼	6020B	Total/NA
Barium	27.7		1.6	0.12	mg/Kg	1	☼	6020B	Total/NA
Beryllium	0.48		0.33	0.018	mg/Kg	1	☼	6020B	Total/NA
Cadmium	0.14	J	0.82	0.093	mg/Kg	1	☼	6020B	Total/NA
Calcium	874		82.0	8.0	mg/Kg	1	☼	6020B	Total/NA
Chromium	14.8		1.6	0.24	mg/Kg	1	☼	6020B	Total/NA
Cobalt	4.6		0.82	0.12	mg/Kg	1	☼	6020B	Total/NA
Copper	37.5		1.6	0.30	mg/Kg	1	☼	6020B	Total/NA
Iron	16300		49.2	6.3	mg/Kg	1	☼	6020B	Total/NA
Lead	74.4		0.49	0.16	mg/Kg	1	☼	6020B	Total/NA
Magnesium	947		82.0	8.4	mg/Kg	1	☼	6020B	Total/NA
Manganese	97.4		3.3	0.33	mg/Kg	1	☼	6020B	Total/NA
Nickel	12.1		1.6	0.15	mg/Kg	1	☼	6020B	Total/NA
Potassium	943		82.0	13.3	mg/Kg	1	☼	6020B	Total/NA
Selenium	0.53	J	1.0	0.10	mg/Kg	1	☼	6020B	Total/NA
Silver	0.20	J	0.33	0.073	mg/Kg	1	☼	6020B	Total/NA
Sodium	43.1	J	82.0	37.5	mg/Kg	1	☼	6020B	Total/NA
Thallium	0.080	J	0.33	0.034	mg/Kg	1	☼	6020B	Total/NA
Vanadium	25.9		1.6	0.17	mg/Kg	1	☼	6020B	Total/NA
Zinc	61.5		6.6	0.89	mg/Kg	1	☼	6020B	Total/NA
Mercury	0.028		0.018	0.0084	mg/Kg	1	☼	7471B	Total/NA

Client Sample ID: 50B_0-4

Lab Sample ID: 460-336881-3

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Benzo[g,h,i]perylene	0.013	J	0.35	0.010	mg/Kg	1	☼	8270E	Total/NA
Indeno[1,2,3-cd]pyrene	0.024	J	0.035	0.014	mg/Kg	1	☼	8270E	Total/NA
Perfluorohexanoic acid (PFHxA)	0.11	J	0.20	0.099	ug/Kg	1	☼	1633A	Total/NA
Perfluorooctanoic acid (PFOA)	0.15	J	0.20	0.060	ug/Kg	1	☼	1633A	Total/NA
Perfluorononanoic acid (PFNA)	0.41		0.20	0.099	ug/Kg	1	☼	1633A	Total/NA
Perfluorodecanoic acid (PFDA)	0.31		0.20	0.060	ug/Kg	1	☼	1633A	Total/NA
Perfluoroundecanoic acid (PFUnA)	4.20		0.20	0.099	ug/Kg	1	☼	1633A	Total/NA
Perfluorododecanoic acid (PFDoA)	0.49		0.20	0.099	ug/Kg	1	☼	1633A	Total/NA
1H,1H,2H,2H-Perfluorooctane sulfonic acid (6:2 FTS)	0.44		0.40	0.20	ug/Kg	1	☼	1633A	Total/NA
1H,1H,2H,2H-Perfluorodecane sulfonic acid (8:2 FTS)	1.19		0.40	0.20	ug/Kg	1	☼	1633A	Total/NA
Aluminum	5670		16.2	4.4	mg/Kg	1	☼	6020B	Total/NA
Antimony	2.3		0.81	0.12	mg/Kg	1	☼	6020B	Total/NA
Arsenic	7.2		0.81	0.083	mg/Kg	1	☼	6020B	Total/NA
Barium	35.5		1.6	0.12	mg/Kg	1	☼	6020B	Total/NA
Beryllium	0.65		0.32	0.018	mg/Kg	1	☼	6020B	Total/NA
Cadmium	0.30	J	0.81	0.091	mg/Kg	1	☼	6020B	Total/NA
Calcium	678		81.0	7.9	mg/Kg	1	☼	6020B	Total/NA
Chromium	16.0		1.6	0.24	mg/Kg	1	☼	6020B	Total/NA
Cobalt	5.2		0.81	0.12	mg/Kg	1	☼	6020B	Total/NA
Copper	56.7		1.6	0.30	mg/Kg	1	☼	6020B	Total/NA
Iron	17400		48.6	6.2	mg/Kg	1	☼	6020B	Total/NA
Lead	128		0.49	0.16	mg/Kg	1	☼	6020B	Total/NA
Magnesium	1340		81.0	8.3	mg/Kg	1	☼	6020B	Total/NA
Manganese	176		3.2	0.33	mg/Kg	1	☼	6020B	Total/NA

This Detection Summary does not include radiochemical test results.

Client Sample ID: 50B_0-4 (Continued)

Lab Sample ID: 460-336881-3

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Nickel	18.9		1.6	0.14	mg/Kg	1	☼	6020B	Total/NA
Potassium	1050		81.0	13.1	mg/Kg	1	☼	6020B	Total/NA
Selenium	0.44	J	1.0	0.10	mg/Kg	1	☼	6020B	Total/NA
Silver	0.22	J	0.32	0.072	mg/Kg	1	☼	6020B	Total/NA
Sodium	64.9	J	81.0	37.0	mg/Kg	1	☼	6020B	Total/NA
Thallium	0.063	J	0.32	0.033	mg/Kg	1	☼	6020B	Total/NA
Vanadium	25.0		1.6	0.17	mg/Kg	1	☼	6020B	Total/NA
Zinc	191		6.5	0.88	mg/Kg	1	☼	6020B	Total/NA
Mercury	0.025		0.016	0.0077	mg/Kg	1	☼	7471B	Total/NA

Client Sample ID: 50B_4-8

Lab Sample ID: 460-336881-4

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Perfluorononanoic acid (PFNA)	0.16	J	0.20	0.098	ug/Kg	1	☼	1633A	Total/NA
Perfluorodecanoic acid (PFDA)	0.12	J	0.20	0.059	ug/Kg	1	☼	1633A	Total/NA
Perfluoroundecanoic acid (PFUnA)	1.01		0.20	0.098	ug/Kg	1	☼	1633A	Total/NA
Aluminum	5650		16.0	4.4	mg/Kg	1	☼	6020B	Total/NA
Antimony	1.4		0.80	0.12	mg/Kg	1	☼	6020B	Total/NA
Arsenic	5.2		0.80	0.082	mg/Kg	1	☼	6020B	Total/NA
Barium	33.8		1.6	0.12	mg/Kg	1	☼	6020B	Total/NA
Beryllium	0.46		0.32	0.018	mg/Kg	1	☼	6020B	Total/NA
Cadmium	0.097	J	0.80	0.090	mg/Kg	1	☼	6020B	Total/NA
Calcium	610		79.8	7.8	mg/Kg	1	☼	6020B	Total/NA
Chromium	13.3		1.6	0.24	mg/Kg	1	☼	6020B	Total/NA
Cobalt	4.9		0.80	0.12	mg/Kg	1	☼	6020B	Total/NA
Copper	28.2		1.6	0.29	mg/Kg	1	☼	6020B	Total/NA
Iron	15900		47.9	6.1	mg/Kg	1	☼	6020B	Total/NA
Lead	45.3		0.48	0.16	mg/Kg	1	☼	6020B	Total/NA
Magnesium	1370		79.8	8.1	mg/Kg	1	☼	6020B	Total/NA
Manganese	365		3.2	0.32	mg/Kg	1	☼	6020B	Total/NA
Nickel	9.6		1.6	0.14	mg/Kg	1	☼	6020B	Total/NA
Potassium	863		79.8	12.9	mg/Kg	1	☼	6020B	Total/NA
Selenium	0.31	J	1.0	0.10	mg/Kg	1	☼	6020B	Total/NA
Silver	0.13	J	0.32	0.071	mg/Kg	1	☼	6020B	Total/NA
Sodium	53.8	J	79.8	36.5	mg/Kg	1	☼	6020B	Total/NA
Thallium	0.067	J	0.32	0.033	mg/Kg	1	☼	6020B	Total/NA
Vanadium	21.9		1.6	0.16	mg/Kg	1	☼	6020B	Total/NA
Zinc	52.9		6.4	0.87	mg/Kg	1	☼	6020B	Total/NA
Mercury	0.016	J	0.018	0.0086	mg/Kg	1	☼	7471B	Total/NA

Client Sample ID: 50C_0-4

Lab Sample ID: 460-336881-5

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Benzo[a]pyrene	0.046		0.034	0.0092	mg/Kg	1	☼	8270E	Total/NA
Benzo[b]fluoranthene	0.036		0.034	0.0089	mg/Kg	1	☼	8270E	Total/NA
Benzo[g,h,i]perylene	0.098	J	0.34	0.010	mg/Kg	1	☼	8270E	Total/NA
Benzo[k]fluoranthene	0.014	J	0.034	0.0068	mg/Kg	1	☼	8270E	Total/NA
Chrysene	0.025	J	0.34	0.014	mg/Kg	1	☼	8270E	Total/NA
Fluoranthene	0.039	J	0.34	0.012	mg/Kg	1	☼	8270E	Total/NA
Indeno[1,2,3-cd]pyrene	0.054		0.034	0.013	mg/Kg	1	☼	8270E	Total/NA
Phenanthrene	0.019	J	0.34	0.014	mg/Kg	1	☼	8270E	Total/NA
Pyrene	0.062	J	0.34	0.0086	mg/Kg	1	☼	8270E	Total/NA

This Detection Summary does not include radiochemical test results.

Client Sample ID: 50C_0-4 (Continued)

Lab Sample ID: 460-336881-5

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Perfluorooctanoic acid (PFOA)	0.15	J	0.19	0.058	ug/Kg	1	☼	1633A	Total/NA
Perfluorononanoic acid (PFNA)	1.17		0.19	0.097	ug/Kg	1	☼	1633A	Total/NA
Perfluoroundecanoic acid (PFUnA)	5.15		0.19	0.097	ug/Kg	1	☼	1633A	Total/NA
Perfluorotridecanoic acid (PFTrDA)	2.67		0.19	0.097	ug/Kg	1	☼	1633A	Total/NA
Perfluorotetradecanoic acid (PFTeDA)	0.13	J	0.19	0.097	ug/Kg	1	☼	1633A	Total/NA
1H,1H,2H,2H-Perfluorodecane sulfonic acid (8:2 FTS)	0.35	J	0.39	0.19	ug/Kg	1	☼	1633A	Total/NA
Aluminum	5280		16.5	4.5	mg/Kg	1	☼	6020B	Total/NA
Antimony	2.3		0.83	0.12	mg/Kg	1	☼	6020B	Total/NA
Arsenic	7.5		0.83	0.085	mg/Kg	1	☼	6020B	Total/NA
Barium	37.5		1.7	0.12	mg/Kg	1	☼	6020B	Total/NA
Beryllium	1.1		0.33	0.018	mg/Kg	1	☼	6020B	Total/NA
Cadmium	0.22	J	0.83	0.094	mg/Kg	1	☼	6020B	Total/NA
Calcium	982		82.7	8.1	mg/Kg	1	☼	6020B	Total/NA
Chromium	22.1		1.7	0.25	mg/Kg	1	☼	6020B	Total/NA
Cobalt	5.3		0.83	0.12	mg/Kg	1	☼	6020B	Total/NA
Copper	65.4		1.7	0.30	mg/Kg	1	☼	6020B	Total/NA
Iron	17500		49.6	6.3	mg/Kg	1	☼	6020B	Total/NA
Lead	137		0.50	0.17	mg/Kg	1	☼	6020B	Total/NA
Magnesium	1370		82.7	8.4	mg/Kg	1	☼	6020B	Total/NA
Manganese	115		3.3	0.33	mg/Kg	1	☼	6020B	Total/NA
Nickel	23.2		1.7	0.15	mg/Kg	1	☼	6020B	Total/NA
Potassium	1110		82.7	13.4	mg/Kg	1	☼	6020B	Total/NA
Selenium	0.39	J	1.0	0.11	mg/Kg	1	☼	6020B	Total/NA
Silver	0.23	J	0.33	0.074	mg/Kg	1	☼	6020B	Total/NA
Sodium	80.3	J	82.7	37.8	mg/Kg	1	☼	6020B	Total/NA
Thallium	0.058	J	0.33	0.034	mg/Kg	1	☼	6020B	Total/NA
Vanadium	23.3		1.7	0.17	mg/Kg	1	☼	6020B	Total/NA
Zinc	224		6.6	0.90	mg/Kg	1	☼	6020B	Total/NA
Mercury	0.021		0.016	0.0077	mg/Kg	1	☼	7471B	Total/NA

Client Sample ID: 50C_4-8

Lab Sample ID: 460-336881-6

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Anthracene	0.017	J	0.35	0.011	mg/Kg	1	☼	8270E	Total/NA
Benzo[a]anthracene	0.032	J	0.035	0.026	mg/Kg	1	☼	8270E	Total/NA
Benzo[a]pyrene	0.045		0.035	0.0093	mg/Kg	1	☼	8270E	Total/NA
Benzo[b]fluoranthene	0.039		0.035	0.0090	mg/Kg	1	☼	8270E	Total/NA
Benzo[g,h,i]perylene	0.068	J	0.35	0.010	mg/Kg	1	☼	8270E	Total/NA
Benzo[k]fluoranthene	0.014	J	0.035	0.0069	mg/Kg	1	☼	8270E	Total/NA
Chrysene	0.031	J	0.35	0.015	mg/Kg	1	☼	8270E	Total/NA
Fluoranthene	0.056	J	0.35	0.012	mg/Kg	1	☼	8270E	Total/NA
Indeno[1,2,3-cd]pyrene	0.051		0.035	0.014	mg/Kg	1	☼	8270E	Total/NA
Phenanthrene	0.032	J	0.35	0.014	mg/Kg	1	☼	8270E	Total/NA
Pyrene	0.061	J	0.35	0.0087	mg/Kg	1	☼	8270E	Total/NA
Perfluorononanoic acid (PFNA)	0.56		0.20	0.098	ug/Kg	1	☼	1633A	Total/NA
Perfluorodecanoic acid (PFDA)	0.22		0.20	0.059	ug/Kg	1	☼	1633A	Total/NA
Perfluoroundecanoic acid (PFUnA)	5.05		0.20	0.098	ug/Kg	1	☼	1633A	Total/NA
Perfluorotridecanoic acid (PFTrDA)	2.98		0.20	0.098	ug/Kg	1	☼	1633A	Total/NA
Aluminum	5170		16.4	4.5	mg/Kg	1	☼	6020B	Total/NA
Antimony	2.9		0.82	0.12	mg/Kg	1	☼	6020B	Total/NA
Arsenic	9.3		0.82	0.084	mg/Kg	1	☼	6020B	Total/NA

This Detection Summary does not include radiochemical test results.

Client Sample ID: 50C_4-8 (Continued)

Lab Sample ID: 460-336881-6

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Barium	38.1		1.6	0.12	mg/Kg	1	☼	6020B	Total/NA
Beryllium	0.84		0.33	0.018	mg/Kg	1	☼	6020B	Total/NA
Cadmium	0.24	J	0.82	0.093	mg/Kg	1	☼	6020B	Total/NA
Calcium	5380		82.0	8.0	mg/Kg	1	☼	6020B	Total/NA
Chromium	17.1		1.6	0.24	mg/Kg	1	☼	6020B	Total/NA
Cobalt	4.7		0.82	0.12	mg/Kg	1	☼	6020B	Total/NA
Copper	73.0		1.6	0.30	mg/Kg	1	☼	6020B	Total/NA
Iron	17900		49.2	6.3	mg/Kg	1	☼	6020B	Total/NA
Lead	151		0.49	0.16	mg/Kg	1	☼	6020B	Total/NA
Magnesium	3730		82.0	8.4	mg/Kg	1	☼	6020B	Total/NA
Manganese	111		3.3	0.33	mg/Kg	1	☼	6020B	Total/NA
Nickel	21.6		1.6	0.15	mg/Kg	1	☼	6020B	Total/NA
Potassium	1140		82.0	13.3	mg/Kg	1	☼	6020B	Total/NA
Selenium	0.41	J	1.0	0.10	mg/Kg	1	☼	6020B	Total/NA
Silver	0.36		0.33	0.073	mg/Kg	1	☼	6020B	Total/NA
Sodium	73.4	J	82.0	37.5	mg/Kg	1	☼	6020B	Total/NA
Thallium	0.059	J	0.33	0.034	mg/Kg	1	☼	6020B	Total/NA
Vanadium	23.8		1.6	0.17	mg/Kg	1	☼	6020B	Total/NA
Zinc	228		6.6	0.89	mg/Kg	1	☼	6020B	Total/NA
Mercury	0.037		0.017	0.0080	mg/Kg	1	☼	7471B	Total/NA

Client Sample ID: 50D_0-5

Lab Sample ID: 460-336881-7

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
2-Methylnaphthalene	0.023	J	0.35	0.0099	mg/Kg	1	☼	8270E	Total/NA
Anthracene	0.026	J	0.35	0.011	mg/Kg	1	☼	8270E	Total/NA
Benzo[g,h,i]perylene	0.018	J	0.35	0.010	mg/Kg	1	☼	8270E	Total/NA
Indeno[1,2,3-cd]pyrene	0.031	J	0.035	0.014	mg/Kg	1	☼	8270E	Total/NA
Naphthalene	0.012	J	0.35	0.0061	mg/Kg	1	☼	8270E	Total/NA
Pyrene	0.013	J	0.35	0.0088	mg/Kg	1	☼	8270E	Total/NA
Perfluorooctanoic acid (PFOA)	0.61	G	0.20	0.060	ug/Kg	1	☼	1633A	Total/NA
Perfluorononanoic acid (PFNA)	0.64		0.20	0.099	ug/Kg	1	☼	1633A	Total/NA
Perfluorodecanoic acid (PFDA)	1.00		0.20	0.060	ug/Kg	1	☼	1633A	Total/NA
Perfluoroundecanoic acid (PFUnA)	10.5		0.20	0.099	ug/Kg	1	☼	1633A	Total/NA
Perfluorotridecanoic acid (PFTrDA)	9.11		0.20	0.099	ug/Kg	1	☼	1633A	Total/NA
Perfluorotetradecanoic acid (PFTeDA)	0.37		0.20	0.099	ug/Kg	1	☼	1633A	Total/NA
1H,1H,2H,2H-Perfluorooctane sulfonic acid (6:2 FTS)	0.24	J	0.40	0.20	ug/Kg	1	☼	1633A	Total/NA
1H,1H,2H,2H-Perfluorodecane sulfonic acid (8:2 FTS)	0.67		0.40	0.20	ug/Kg	1	☼	1633A	Total/NA
Aluminum	7430		17.0	4.7	mg/Kg	1	☼	6020B	Total/NA
Antimony	5.5		0.85	0.12	mg/Kg	1	☼	6020B	Total/NA
Arsenic	12.6		0.85	0.088	mg/Kg	1	☼	6020B	Total/NA
Barium	50.0		1.7	0.12	mg/Kg	1	☼	6020B	Total/NA
Beryllium	1.8		0.34	0.019	mg/Kg	1	☼	6020B	Total/NA
Cadmium	0.42	J	0.85	0.096	mg/Kg	1	☼	6020B	Total/NA
Calcium	1060		85.2	8.3	mg/Kg	1	☼	6020B	Total/NA
Chromium	25.8		1.7	0.25	mg/Kg	1	☼	6020B	Total/NA
Cobalt	6.9		0.85	0.13	mg/Kg	1	☼	6020B	Total/NA
Copper	116		1.7	0.31	mg/Kg	1	☼	6020B	Total/NA
Iron	21400		51.1	6.5	mg/Kg	1	☼	6020B	Total/NA
Lead	288		0.51	0.17	mg/Kg	1	☼	6020B	Total/NA

This Detection Summary does not include radiochemical test results.

Client Sample ID: 50D_0-5 (Continued)

Lab Sample ID: 460-336881-7

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Magnesium	1710		85.2	8.7	mg/Kg	1	☼	6020B	Total/NA
Manganese	115		3.4	0.34	mg/Kg	1	☼	6020B	Total/NA
Nickel	31.7		1.7	0.15	mg/Kg	1	☼	6020B	Total/NA
Potassium	1150		85.2	13.8	mg/Kg	1	☼	6020B	Total/NA
Selenium	0.66	J	1.1	0.11	mg/Kg	1	☼	6020B	Total/NA
Silver	0.67		0.34	0.076	mg/Kg	1	☼	6020B	Total/NA
Sodium	87.4		85.2	38.9	mg/Kg	1	☼	6020B	Total/NA
Thallium	0.087	J	0.34	0.035	mg/Kg	1	☼	6020B	Total/NA
Vanadium	33.9		1.7	0.18	mg/Kg	1	☼	6020B	Total/NA
Zinc	348		6.8	0.93	mg/Kg	1	☼	6020B	Total/NA
Mercury	0.053		0.017	0.0080	mg/Kg	1	☼	7471B	Total/NA

Client Sample ID: 50D_5-10

Lab Sample ID: 460-336881-8

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Benzo[a]pyrene	0.011	J	0.037	0.0098	mg/Kg	1	☼	8270E	Total/NA
Benzo[b]fluoranthene	0.018	J	0.037	0.0095	mg/Kg	1	☼	8270E	Total/NA
Benzo[g,h,i]perylene	0.013	J	0.37	0.011	mg/Kg	1	☼	8270E	Total/NA
Fluoranthene	0.017	J	0.37	0.013	mg/Kg	1	☼	8270E	Total/NA
Indeno[1,2,3-cd]pyrene	0.030	J	0.037	0.014	mg/Kg	1	☼	8270E	Total/NA
Pyrene	0.017	J	0.37	0.0091	mg/Kg	1	☼	8270E	Total/NA
Perfluorooctanoic acid (PFOA)	0.11	J	0.20	0.059	ug/Kg	1	☼	1633A	Total/NA
Perfluorononanoic acid (PFNA)	0.22		0.20	0.098	ug/Kg	1	☼	1633A	Total/NA
Perfluorodecanoic acid (PFDA)	0.28		0.20	0.059	ug/Kg	1	☼	1633A	Total/NA
Perfluoroundecanoic acid (PFUnA)	1.93		0.20	0.098	ug/Kg	1	☼	1633A	Total/NA
Perfluorododecanoic acid (PFDoA)	0.18	J	0.20	0.098	ug/Kg	1	☼	1633A	Total/NA
Perfluorotridecanoic acid (PFTrDA)	1.05		0.20	0.098	ug/Kg	1	☼	1633A	Total/NA
Aluminum	8960		17.0	4.7	mg/Kg	1	☼	6020B	Total/NA
Antimony	2.7		0.85	0.12	mg/Kg	1	☼	6020B	Total/NA
Arsenic	6.3		0.85	0.087	mg/Kg	1	☼	6020B	Total/NA
Barium	65.6		1.7	0.12	mg/Kg	1	☼	6020B	Total/NA
Beryllium	0.65		0.34	0.019	mg/Kg	1	☼	6020B	Total/NA
Cadmium	0.26	J	0.85	0.096	mg/Kg	1	☼	6020B	Total/NA
Calcium	961		84.8	8.2	mg/Kg	1	☼	6020B	Total/NA
Chromium	16.5		1.7	0.25	mg/Kg	1	☼	6020B	Total/NA
Cobalt	5.3		0.85	0.13	mg/Kg	1	☼	6020B	Total/NA
Copper	50.2		1.7	0.31	mg/Kg	1	☼	6020B	Total/NA
Iron	16200		50.9	6.5	mg/Kg	1	☼	6020B	Total/NA
Lead	108		0.51	0.17	mg/Kg	1	☼	6020B	Total/NA
Magnesium	1950		84.8	8.6	mg/Kg	1	☼	6020B	Total/NA
Manganese	155		3.4	0.34	mg/Kg	1	☼	6020B	Total/NA
Nickel	15.0		1.7	0.15	mg/Kg	1	☼	6020B	Total/NA
Potassium	1000		84.8	13.7	mg/Kg	1	☼	6020B	Total/NA
Selenium	0.55	J	1.1	0.11	mg/Kg	1	☼	6020B	Total/NA
Silver	0.35		0.34	0.075	mg/Kg	1	☼	6020B	Total/NA
Sodium	72.2	J	84.8	38.7	mg/Kg	1	☼	6020B	Total/NA
Thallium	0.11	J	0.34	0.035	mg/Kg	1	☼	6020B	Total/NA
Vanadium	27.8		1.7	0.17	mg/Kg	1	☼	6020B	Total/NA
Zinc	103		6.8	0.92	mg/Kg	1	☼	6020B	Total/NA
Mercury	0.057		0.019	0.0089	mg/Kg	1	☼	7471B	Total/NA

This Detection Summary does not include radiochemical test results.

Client Sample ID: 3A_0-7 — Lab Sample ID: 460-336881-9

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Perfluorooctanoic acid (PFOA)	0.069	J	0.20	0.059	ug/Kg	1	☼	1633A	Total/NA
Perfluorodecanoic acid (PFDA)	0.089	J	0.20	0.059	ug/Kg	1	☼	1633A	Total/NA
Perfluoroundecanoic acid (PFUnA)	0.94		0.20	0.099	ug/Kg	1	☼	1633A	Total/NA
Perfluorotridecanoic acid (PFTrDA)	0.90		0.20	0.099	ug/Kg	1	☼	1633A	Total/NA
1H,1H,2H,2H-Perfluorodecane sulfonic acid (8:2 FTS)	0.22	J	0.39	0.20	ug/Kg	1	☼	1633A	Total/NA
Aluminum	6900		16.8	4.6	mg/Kg	1	☼	6020B	Total/NA
Antimony	1.4		0.84	0.12	mg/Kg	1	☼	6020B	Total/NA
Arsenic	5.1		0.84	0.087	mg/Kg	1	☼	6020B	Total/NA
Barium	49.4		1.7	0.12	mg/Kg	1	☼	6020B	Total/NA
Beryllium	0.53		0.34	0.019	mg/Kg	1	☼	6020B	Total/NA
Cadmium	0.13	J	0.84	0.095	mg/Kg	1	☼	6020B	Total/NA
Calcium	1150		84.1	8.2	mg/Kg	1	☼	6020B	Total/NA
Chromium	14.5		1.7	0.25	mg/Kg	1	☼	6020B	Total/NA
Cobalt	6.0		0.84	0.12	mg/Kg	1	☼	6020B	Total/NA
Copper	26.0		1.7	0.31	mg/Kg	1	☼	6020B	Total/NA
Iron	15000		50.5	6.4	mg/Kg	1	☼	6020B	Total/NA
Lead	29.6		0.50	0.17	mg/Kg	1	☼	6020B	Total/NA
Magnesium	2150		84.1	8.6	mg/Kg	1	☼	6020B	Total/NA
Manganese	226		3.4	0.34	mg/Kg	1	☼	6020B	Total/NA
Nickel	12.4		1.7	0.15	mg/Kg	1	☼	6020B	Total/NA
Potassium	1000		84.1	13.6	mg/Kg	1	☼	6020B	Total/NA
Selenium	0.20	J	1.1	0.11	mg/Kg	1	☼	6020B	Total/NA
Silver	0.14	J	0.34	0.075	mg/Kg	1	☼	6020B	Total/NA
Sodium	59.2	J	84.1	38.4	mg/Kg	1	☼	6020B	Total/NA
Thallium	0.099	J	0.34	0.034	mg/Kg	1	☼	6020B	Total/NA
Vanadium	21.6		1.7	0.17	mg/Kg	1	☼	6020B	Total/NA
Zinc	46.2		6.7	0.92	mg/Kg	1	☼	6020B	Total/NA
Mercury	0.029		0.018	0.0083	mg/Kg	1	☼	7471B	Total/NA

Client Sample ID: 3A_7-14 — Lab Sample ID: 460-336881-10

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Benzo[g,h,i]perylene	0.028	J	0.34	0.010	mg/Kg	1	☼	8270E	Total/NA
Perfluoroundecanoic acid (PFUnA)	0.47		0.19	0.096	ug/Kg	1	☼	1633A	Total/NA
Perfluorotridecanoic acid (PFTrDA)	0.90		0.19	0.096	ug/Kg	1	☼	1633A	Total/NA
1H,1H,2H,2H-Perfluorodecane sulfonic acid (8:2 FTS)	0.31	J	0.38	0.19	ug/Kg	1	☼	1633A	Total/NA
Aluminum	8500		15.3	4.2	mg/Kg	1	☼	6020B	Total/NA
Antimony	1.7		0.77	0.11	mg/Kg	1	☼	6020B	Total/NA
Arsenic	6.9		0.77	0.079	mg/Kg	1	☼	6020B	Total/NA
Barium	45.4		1.5	0.11	mg/Kg	1	☼	6020B	Total/NA
Beryllium	0.64		0.31	0.017	mg/Kg	1	☼	6020B	Total/NA
Cadmium	0.29	J	0.77	0.087	mg/Kg	1	☼	6020B	Total/NA
Calcium	1730		76.7	7.5	mg/Kg	1	☼	6020B	Total/NA
Chromium	19.0		1.5	0.23	mg/Kg	1	☼	6020B	Total/NA
Cobalt	8.1		0.77	0.11	mg/Kg	1	☼	6020B	Total/NA
Copper	32.4		1.5	0.28	mg/Kg	1	☼	6020B	Total/NA
Iron	20800		46.0	5.9	mg/Kg	1	☼	6020B	Total/NA
Lead	55.5		0.46	0.15	mg/Kg	1	☼	6020B	Total/NA
Magnesium	2770		76.7	7.8	mg/Kg	1	☼	6020B	Total/NA
Manganese	293		3.1	0.31	mg/Kg	1	☼	6020B	Total/NA

This Detection Summary does not include radiochemical test results.

Client Sample ID: 3A_7-14 (Continued) — Lab Sample ID: 460-336881-10

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Nickel	15.0		1.5	0.14	mg/Kg	1	☼	6020B	Total/NA
Potassium	1420		76.7	12.4	mg/Kg	1	☼	6020B	Total/NA
Selenium	0.32	J	0.96	0.098	mg/Kg	1	☼	6020B	Total/NA
Silver	0.15	J	0.31	0.068	mg/Kg	1	☼	6020B	Total/NA
Sodium	67.1	J	76.7	35.0	mg/Kg	1	☼	6020B	Total/NA
Thallium	0.095	J	0.31	0.031	mg/Kg	1	☼	6020B	Total/NA
Vanadium	27.8		1.5	0.16	mg/Kg	1	☼	6020B	Total/NA
Zinc	64.7		6.1	0.84	mg/Kg	1	☼	6020B	Total/NA
Mercury	0.026		0.017	0.0079	mg/Kg	1	☼	7471B	Total/NA

Client Sample ID: 3B_0-7 — Lab Sample ID: 460-336881-11

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Benzo[g,h,i]perylene	0.015	J	0.35	0.010	mg/Kg	1	☼	8270E	Total/NA
Indeno[1,2,3-cd]pyrene	0.025	J	0.035	0.014	mg/Kg	1	☼	8270E	Total/NA
Perfluorononanoic acid (PFNA)	0.13	J	0.20	0.098	ug/Kg	1	☼	1633A	Total/NA
Perfluorodecanoic acid (PFDA)	0.061	J	0.20	0.059	ug/Kg	1	☼	1633A	Total/NA
Perfluoroundecanoic acid (PFUnA)	2.15		0.20	0.098	ug/Kg	1	☼	1633A	Total/NA
Perfluorotridecanoic acid (PFTrDA)	1.50		0.20	0.098	ug/Kg	1	☼	1633A	Total/NA
Aluminum	7220		16.1	4.4	mg/Kg	1	☼	6020B	Total/NA
Antimony	2.3		0.81	0.12	mg/Kg	1	☼	6020B	Total/NA
Arsenic	7.0		0.81	0.083	mg/Kg	1	☼	6020B	Total/NA
Barium	45.9		1.6	0.12	mg/Kg	1	☼	6020B	Total/NA
Beryllium	0.68		0.32	0.018	mg/Kg	1	☼	6020B	Total/NA
Cadmium	0.26	J	0.81	0.091	mg/Kg	1	☼	6020B	Total/NA
Calcium	1870		80.5	7.8	mg/Kg	1	☼	6020B	Total/NA
Chromium	16.1		1.6	0.24	mg/Kg	1	☼	6020B	Total/NA
Cobalt	6.5		0.81	0.12	mg/Kg	1	☼	6020B	Total/NA
Copper	39.8		1.6	0.30	mg/Kg	1	☼	6020B	Total/NA
Iron	20200		48.3	6.2	mg/Kg	1	☼	6020B	Total/NA
Lead	78.4		0.48	0.16	mg/Kg	1	☼	6020B	Total/NA
Magnesium	2890		80.5	8.2	mg/Kg	1	☼	6020B	Total/NA
Manganese	213		3.2	0.32	mg/Kg	1	☼	6020B	Total/NA
Nickel	13.7		1.6	0.14	mg/Kg	1	☼	6020B	Total/NA
Potassium	1410		80.5	13.0	mg/Kg	1	☼	6020B	Total/NA
Selenium	0.28	J	1.0	0.10	mg/Kg	1	☼	6020B	Total/NA
Silver	0.21	J	0.32	0.072	mg/Kg	1	☼	6020B	Total/NA
Sodium	64.9	J	80.5	36.8	mg/Kg	1	☼	6020B	Total/NA
Thallium	0.10	J	0.32	0.033	mg/Kg	1	☼	6020B	Total/NA
Vanadium	25.7		1.6	0.17	mg/Kg	1	☼	6020B	Total/NA
Zinc	71.5		6.4	0.88	mg/Kg	1	☼	6020B	Total/NA
Mercury	0.028		0.017	0.0082	mg/Kg	1	☼	7471B	Total/NA

Client Sample ID: 3B_7-14 — Lab Sample ID: 460-336881-12

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Perfluorononanoic acid (PFNA)	0.21		0.20	0.099	ug/Kg	1	☼	1633A	Total/NA
Perfluorodecanoic acid (PFDA)	0.061	J	0.20	0.059	ug/Kg	1	☼	1633A	Total/NA
Perfluoroundecanoic acid (PFUnA)	1.58		0.20	0.099	ug/Kg	1	☼	1633A	Total/NA
Perfluorotridecanoic acid (PFTrDA)	1.29		0.20	0.099	ug/Kg	1	☼	1633A	Total/NA
Aluminum	7450		16.0	4.4	mg/Kg	1	☼	6020B	Total/NA
Antimony	0.90		0.80	0.12	mg/Kg	1	☼	6020B	Total/NA

This Detection Summary does not include radiochemical test results.

Client Sample ID: 3B_7-14 (Continued)

Lab Sample ID: 460-336881-12

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Arsenic	4.6		0.80	0.082	mg/Kg	1	☼	6020B	Total/NA
Barium	64.1		1.6	0.12	mg/Kg	1	☼	6020B	Total/NA
Beryllium	0.59		0.32	0.018	mg/Kg	1	☼	6020B	Total/NA
Cadmium	0.13	J	0.80	0.090	mg/Kg	1	☼	6020B	Total/NA
Calcium	2240		80.0	7.8	mg/Kg	1	☼	6020B	Total/NA
Chromium	14.8		1.6	0.24	mg/Kg	1	☼	6020B	Total/NA
Cobalt	7.0		0.80	0.12	mg/Kg	1	☼	6020B	Total/NA
Copper	24.1		1.6	0.29	mg/Kg	1	☼	6020B	Total/NA
Iron	16800		48.0	6.1	mg/Kg	1	☼	6020B	Total/NA
Lead	27.5		0.48	0.16	mg/Kg	1	☼	6020B	Total/NA
Magnesium	2650		80.0	8.2	mg/Kg	1	☼	6020B	Total/NA
Manganese	282		3.2	0.32	mg/Kg	1	☼	6020B	Total/NA
Nickel	14.9		1.6	0.14	mg/Kg	1	☼	6020B	Total/NA
Potassium	1380		80.0	13.0	mg/Kg	1	☼	6020B	Total/NA
Selenium	0.14	J	1.0	0.10	mg/Kg	1	☼	6020B	Total/NA
Silver	0.082	J	0.32	0.071	mg/Kg	1	☼	6020B	Total/NA
Sodium	73.3	J	80.0	36.6	mg/Kg	1	☼	6020B	Total/NA
Thallium	0.12	J	0.32	0.033	mg/Kg	1	☼	6020B	Total/NA
Vanadium	23.4		1.6	0.16	mg/Kg	1	☼	6020B	Total/NA
Zinc	47.0		6.4	0.87	mg/Kg	1	☼	6020B	Total/NA
Mercury	0.016	J	0.017	0.0078	mg/Kg	1	☼	7471B	Total/NA

Client Sample ID: 3F_0-7

Lab Sample ID: 460-336881-13

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Perfluorooctanoic acid (PFOA)	0.15	J	0.20	0.059	ug/Kg	1	☼	1633A	Total/NA
Perfluorodecanoic acid (PFDA)	0.082	J	0.20	0.059	ug/Kg	1	☼	1633A	Total/NA
Perfluoroundecanoic acid (PFUnA)	0.17	J	0.20	0.098	ug/Kg	1	☼	1633A	Total/NA
Aluminum	8310		16.4	4.5	mg/Kg	1	☼	6020B	Total/NA
Antimony	1.7		0.82	0.12	mg/Kg	1	☼	6020B	Total/NA
Arsenic	5.8		0.82	0.085	mg/Kg	1	☼	6020B	Total/NA
Barium	54.4		1.6	0.12	mg/Kg	1	☼	6020B	Total/NA
Beryllium	0.58		0.33	0.018	mg/Kg	1	☼	6020B	Total/NA
Cadmium	0.12	J	0.82	0.093	mg/Kg	1	☼	6020B	Total/NA
Calcium	1220		82.1	8.0	mg/Kg	1	☼	6020B	Total/NA
Chromium	15.6		1.6	0.24	mg/Kg	1	☼	6020B	Total/NA
Cobalt	8.7		0.82	0.12	mg/Kg	1	☼	6020B	Total/NA
Copper	27.5		1.6	0.30	mg/Kg	1	☼	6020B	Total/NA
Iron	16500		49.3	6.3	mg/Kg	1	☼	6020B	Total/NA
Lead	24.9		0.49	0.16	mg/Kg	1	☼	6020B	Total/NA
Magnesium	2560		82.1	8.4	mg/Kg	1	☼	6020B	Total/NA
Manganese	284		3.3	0.33	mg/Kg	1	☼	6020B	Total/NA
Nickel	13.7		1.6	0.15	mg/Kg	1	☼	6020B	Total/NA
Potassium	1110		82.1	13.3	mg/Kg	1	☼	6020B	Total/NA
Selenium	0.15	J	1.0	0.11	mg/Kg	1	☼	6020B	Total/NA
Silver	0.12	J	0.33	0.073	mg/Kg	1	☼	6020B	Total/NA
Sodium	69.9	J	82.1	37.5	mg/Kg	1	☼	6020B	Total/NA
Thallium	0.13	J	0.33	0.034	mg/Kg	1	☼	6020B	Total/NA
Vanadium	25.4		1.6	0.17	mg/Kg	1	☼	6020B	Total/NA
Zinc	39.8		6.6	0.90	mg/Kg	1	☼	6020B	Total/NA
Mercury	0.036		0.016	0.0077	mg/Kg	1	☼	7471B	Total/NA

This Detection Summary does not include radiochemical test results.

Client Sample ID: 3F_7-14 — Lab Sample ID: 460-336881-14

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Pyrene	0.011	J	0.36	0.0089	mg/Kg	1	☼	8270E	Total/NA
Perfluorooctanoic acid (PFOA)	0.063	J	0.20	0.060	ug/Kg	1	☼	1633A	Total/NA
Perfluoroundecanoic acid (PFUnA)	0.49		0.20	0.10	ug/Kg	1	☼	1633A	Total/NA
Perfluorotridecanoic acid (PFTrDA)	0.67		0.20	0.10	ug/Kg	1	☼	1633A	Total/NA
1H,1H,2H,2H-Perfluorodecane sulfonic acid (8:2 FTS)	0.29	J	0.40	0.20	ug/Kg	1	☼	1633A	Total/NA
Aluminum	6780		19.7	5.4	mg/Kg	1	☼	6020B	Total/NA
Antimony	0.64	J	0.99	0.14	mg/Kg	1	☼	6020B	Total/NA
Arsenic	6.9		0.99	0.10	mg/Kg	1	☼	6020B	Total/NA
Barium	42.9		2.0	0.14	mg/Kg	1	☼	6020B	Total/NA
Beryllium	0.56		0.39	0.022	mg/Kg	1	☼	6020B	Total/NA
Cadmium	0.22	J	0.99	0.11	mg/Kg	1	☼	6020B	Total/NA
Calcium	2370		98.6	9.6	mg/Kg	1	☼	6020B	Total/NA
Chromium	18.8		2.0	0.29	mg/Kg	1	☼	6020B	Total/NA
Cobalt	6.6		0.99	0.15	mg/Kg	1	☼	6020B	Total/NA
Copper	36.6		2.0	0.36	mg/Kg	1	☼	6020B	Total/NA
Iron	17700		59.2	7.5	mg/Kg	1	☼	6020B	Total/NA
Lead	192		0.59	0.20	mg/Kg	1	☼	6020B	Total/NA
Magnesium	3270		98.6	10.1	mg/Kg	1	☼	6020B	Total/NA
Manganese	235		3.9	0.40	mg/Kg	1	☼	6020B	Total/NA
Nickel	14.9		2.0	0.17	mg/Kg	1	☼	6020B	Total/NA
Potassium	951		98.6	16.0	mg/Kg	1	☼	6020B	Total/NA
Selenium	0.21	J	1.2	0.13	mg/Kg	1	☼	6020B	Total/NA
Silver	0.23	J	0.39	0.088	mg/Kg	1	☼	6020B	Total/NA
Sodium	68.9	J	98.6	45.1	mg/Kg	1	☼	6020B	Total/NA
Thallium	0.099	J	0.39	0.040	mg/Kg	1	☼	6020B	Total/NA
Vanadium	23.6		2.0	0.20	mg/Kg	1	☼	6020B	Total/NA
Zinc	70.5		7.9	1.1	mg/Kg	1	☼	6020B	Total/NA
Mercury	0.031		0.017	0.0081	mg/Kg	1	☼	7471B	Total/NA

Client Sample ID: 3G_0-7 — Lab Sample ID: 460-336881-15

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
4,4'-DDE	0.0060	J	0.0071	0.00083	mg/Kg	1	☼	8081B	Total/NA
4,4'-DDT	0.013		0.0071	0.0013	mg/Kg	1	☼	8081B	Total/NA
Perfluorooctanoic acid (PFOA)	0.063	J	0.20	0.059	ug/Kg	1	☼	1633A	Total/NA
Aluminum	4620		15.6	4.3	mg/Kg	1	☼	6020B	Total/NA
Antimony	1.3		0.78	0.11	mg/Kg	1	☼	6020B	Total/NA
Arsenic	7.0		0.78	0.080	mg/Kg	1	☼	6020B	Total/NA
Barium	23.1		1.6	0.11	mg/Kg	1	☼	6020B	Total/NA
Beryllium	0.45		0.31	0.017	mg/Kg	1	☼	6020B	Total/NA
Cadmium	0.11	J	0.78	0.088	mg/Kg	1	☼	6020B	Total/NA
Calcium	661		78.1	7.6	mg/Kg	1	☼	6020B	Total/NA
Chromium	12.0		1.6	0.23	mg/Kg	1	☼	6020B	Total/NA
Cobalt	5.3		0.78	0.12	mg/Kg	1	☼	6020B	Total/NA
Copper	27.8		1.6	0.29	mg/Kg	1	☼	6020B	Total/NA
Iron	24800		46.9	6.0	mg/Kg	1	☼	6020B	Total/NA
Lead	21.4		0.47	0.16	mg/Kg	1	☼	6020B	Total/NA
Magnesium	1170		78.1	8.0	mg/Kg	1	☼	6020B	Total/NA
Manganese	209		3.1	0.31	mg/Kg	1	☼	6020B	Total/NA
Nickel	8.7		1.6	0.14	mg/Kg	1	☼	6020B	Total/NA
Potassium	1270		78.1	12.7	mg/Kg	1	☼	6020B	Total/NA

This Detection Summary does not include radiochemical test results.

Client Sample ID: 3G_0-7 (Continued) — Lab Sample ID: 460-336881-15

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Selenium	0.29	J	0.98	0.10	mg/Kg	1	☼	6020B	Total/NA
Silver	0.10	J	0.31	0.070	mg/Kg	1	☼	6020B	Total/NA
Thallium	0.049	J	0.31	0.032	mg/Kg	1	☼	6020B	Total/NA
Vanadium	19.6		1.6	0.16	mg/Kg	1	☼	6020B	Total/NA
Zinc	29.2		6.3	0.85	mg/Kg	1	☼	6020B	Total/NA
Mercury	0.013	J	0.016	0.0077	mg/Kg	1	☼	7471B	Total/NA

Client Sample ID: 3G_7-14 — Lab Sample ID: 460-336881-16

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Perfluorooctanoic acid (PFOA)	0.065	J	0.20	0.059	ug/Kg	1	☼	1633A	Total/NA
Aluminum	5680		16.2	4.4	mg/Kg	1	☼	6020B	Total/NA
Antimony	0.95		0.81	0.12	mg/Kg	1	☼	6020B	Total/NA
Arsenic	5.3		0.81	0.083	mg/Kg	1	☼	6020B	Total/NA
Barium	28.7		1.6	0.12	mg/Kg	1	☼	6020B	Total/NA
Beryllium	0.45		0.32	0.018	mg/Kg	1	☼	6020B	Total/NA
Cadmium	0.12	J	0.81	0.091	mg/Kg	1	☼	6020B	Total/NA
Calcium	492		81.0	7.9	mg/Kg	1	☼	6020B	Total/NA
Chromium	11.3		1.6	0.24	mg/Kg	1	☼	6020B	Total/NA
Cobalt	4.4		0.81	0.12	mg/Kg	1	☼	6020B	Total/NA
Copper	20.5		1.6	0.30	mg/Kg	1	☼	6020B	Total/NA
Iron	15300		48.6	6.2	mg/Kg	1	☼	6020B	Total/NA
Lead	22.2		0.49	0.16	mg/Kg	1	☼	6020B	Total/NA
Magnesium	1440		81.0	8.3	mg/Kg	1	☼	6020B	Total/NA
Manganese	168		3.2	0.33	mg/Kg	1	☼	6020B	Total/NA
Nickel	7.3		1.6	0.14	mg/Kg	1	☼	6020B	Total/NA
Potassium	1220		81.0	13.1	mg/Kg	1	☼	6020B	Total/NA
Selenium	0.22	J	1.0	0.10	mg/Kg	1	☼	6020B	Total/NA
Silver	0.076	J	0.32	0.072	mg/Kg	1	☼	6020B	Total/NA
Thallium	0.061	J	0.32	0.033	mg/Kg	1	☼	6020B	Total/NA
Vanadium	19.5		1.6	0.17	mg/Kg	1	☼	6020B	Total/NA
Zinc	31.2		6.5	0.88	mg/Kg	1	☼	6020B	Total/NA
Mercury	0.014	J	0.016	0.0074	mg/Kg	1	☼	7471B	Total/NA

Client Sample ID: 3A1_2-3 — Lab Sample ID: 460-336881-17

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Acetone	0.15		0.0067	0.0063	mg/Kg	1	☼	8260D	Total/NA

Client Sample ID: 3A2_1-2 — Lab Sample ID: 460-336881-18

No Detections.

Client Sample ID: 3A3_6-7 — Lab Sample ID: 460-336881-19

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Acetone	0.0089		0.0062	0.0059	mg/Kg	1	☼	8260D	Total/NA

Client Sample ID: 3A1_8-9 — Lab Sample ID: 460-336881-20

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Acetone	0.13		0.0068	0.0065	mg/Kg	1	☼	8260D	Total/NA

This Detection Summary does not include radiochemical test results.

Detection Summary

Client: Haley & Aldrich, Inc.
Project/Site: Former Port Mobil

Job ID: 460-336881-1

Client Sample ID: 3A2_10-11 — Lab Sample ID: 460-336881-21

No Detections.

Client Sample ID: 3A3_12-13 — Lab Sample ID: 460-336881-22

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Acetone	0.20		0.0094	0.0089	mg/Kg	1	☼	8260D	Total/NA

Client Sample ID: 3A2_4-5 — Lab Sample ID: 460-336881-23

No Detections.

Client Sample ID: 3F1_3-4 — Lab Sample ID: 460-336881-24

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Acetone	0.027		0.0070	0.0067	mg/Kg	1	☼	8260D	Total/NA

Client Sample ID: 3F2_1-2 — Lab Sample ID: 460-336881-25

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Acetone	0.14		0.0053	0.0051	mg/Kg	1	☼	8260D	Total/NA
Methylene Chloride	0.0014	J	0.0018	0.0010	mg/Kg	1	☼	8260D	Total/NA
Toluene	0.00038	J	0.00089	0.00021	mg/Kg	1	☼	8260D	Total/NA

Client Sample ID: 3F3_6-7 — Lab Sample ID: 460-336881-26

No Detections.

Client Sample ID: 3F1_5-6 — Lab Sample ID: 460-336881-27

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Acetone	0.12		0.0057	0.0054	mg/Kg	1	☼	8260D	Total/NA

Client Sample ID: 3F2_11-12 — Lab Sample ID: 460-336881-28

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Acetone	0.035		0.0056	0.0053	mg/Kg	1	☼	8260D	Total/NA

Client Sample ID: 3F3_7-8 — Lab Sample ID: 460-336881-29

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Acetone	0.023		0.0051	0.0049	mg/Kg	1	☼	8260D	Total/NA
Toluene	0.00032	J	0.00086	0.00020	mg/Kg	1	☼	8260D	Total/NA

Client Sample ID: 3F2_12-13 — Lab Sample ID: 460-336881-30

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Acetone	0.025		0.0056	0.0053	mg/Kg	1	☼	8260D	Total/NA

Client Sample ID: 3E1_2-3 — Lab Sample ID: 460-336881-31

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Toluene	0.00059	J	0.00097	0.00023	mg/Kg	1	☼	8260D	Total/NA

Client Sample ID: 3E2_4-5 — Lab Sample ID: 460-336881-32

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Toluene	0.00048	J	0.00091	0.00021	mg/Kg	1	☼	8260D	Total/NA

This Detection Summary does not include radiochemical test results.

Detection Summary

Client: Haley & Aldrich, Inc.
Project/Site: Former Port Mobil

Job ID: 460-336881-1

Client Sample ID: 3E3_6-7 — Lab Sample ID: 460-336881-33

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Methylene Chloride	0.0023	J	0.0026	0.0015	mg/Kg	1	☼	8260D	Total/NA
Toluene	0.00072	J	0.0013	0.00030	mg/Kg	1	☼	8260D	Total/NA

Client Sample ID: 3E1_8-9 — Lab Sample ID: 460-336881-34

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Methylene Chloride	0.0043		0.0019	0.0011	mg/Kg	1	☼	8260D	Total/NA

Client Sample ID: 3E2_7-8 — Lab Sample ID: 460-336881-35

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Methylene Chloride	0.0016	J	0.0020	0.0011	mg/Kg	1	☼	8260D	Total/NA
Toluene	0.00085	J	0.00098	0.00023	mg/Kg	1	☼	8260D	Total/NA

Client Sample ID: 3E3_11-12 — Lab Sample ID: 460-336881-36

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Toluene	0.00043	J	0.00090	0.00021	mg/Kg	1	☼	8260D	Total/NA

Client Sample ID: 3E3_13-14 — Lab Sample ID: 460-336881-37

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Toluene	0.00058	J	0.0011	0.00025	mg/Kg	1	☼	8260D	Total/NA

Client Sample ID: 3G1_1-2 — Lab Sample ID: 460-336881-38

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Methylene Chloride	0.0046		0.0019	0.0011	mg/Kg	1	☼	8260D	Total/NA

Client Sample ID: 3G2_4-5 — Lab Sample ID: 460-336881-39

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Methylene Chloride	0.0033		0.0023	0.0013	mg/Kg	1	☼	8260D	Total/NA
Toluene	0.00043	J	0.0011	0.00026	mg/Kg	1	☼	8260D	Total/NA

Client Sample ID: 3G3_3-4 — Lab Sample ID: 460-336881-40

No Detections.

Client Sample ID: 3G1_7-8 — Lab Sample ID: 460-336881-41

No Detections.

Client Sample ID: 3G2_10-11 — Lab Sample ID: 460-336881-42

No Detections.

Client Sample ID: 3G3_9-10 — Lab Sample ID: 460-336881-43

No Detections.

Client Sample ID: 3G1_13-14 — Lab Sample ID: 460-336881-44

No Detections.

Client Sample ID: 50A1_1-2 — Lab Sample ID: 460-336881-45

No Detections.

This Detection Summary does not include radiochemical test results.

Eurofins Edison

Detection Summary

Client: Haley & Aldrich, Inc.
Project/Site: Former Port Mobil

Job ID: 460-336881-1

Client Sample ID: 50A2_2-3 — Lab Sample ID: 460-336881-46

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Acetone	0.026		0.0081	0.0077	mg/Kg	1	☼	8260D	Total/NA

Client Sample ID: 50A3_3-4 — Lab Sample ID: 460-336881-47

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Acetone	0.073		0.0076	0.0073	mg/Kg	1	☼	8260D	Total/NA

Client Sample ID: 50A4_5-6 — Lab Sample ID: 460-336881-48

No Detections.

Client Sample ID: 50A1_8-9 — Lab Sample ID: 460-336881-49

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Acetone	0.011		0.0057	0.0054	mg/Kg	1	☼	8260D	Total/NA
Methylene Chloride	0.0011	J	0.0019	0.0011	mg/Kg	1	☼	8260D	Total/NA

Client Sample ID: 50A2_7-8 — Lab Sample ID: 460-336881-50

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Acetone	0.12		0.0065	0.0062	mg/Kg	1	☼	8260D	Total/NA

Client Sample ID: 50A4_9-10 — Lab Sample ID: 460-336881-51

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Acetone	0.023		0.0080	0.0076	mg/Kg	1	☼	8260D	Total/NA

Client Sample ID: 50B1_1-2 — Lab Sample ID: 460-336881-52

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Methylene Chloride	0.0011	J	0.0020	0.0011	mg/Kg	1	☼	8260D	Total/NA
Toluene	0.00070	J	0.00098	0.00023	mg/Kg	1	☼	8260D	Total/NA

Client Sample ID: 50B2_3-4 — Lab Sample ID: 460-336881-53

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Toluene	0.00047	J	0.0010	0.00024	mg/Kg	1	☼	8260D	Total/NA

Client Sample ID: 50B3_2-3 — Lab Sample ID: 460-336881-54

No Detections.

Client Sample ID: 50B1_4-5 — Lab Sample ID: 460-336881-55

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Methylene Chloride	0.0012	J	0.0021	0.0012	mg/Kg	1	☼	8260D	Total/NA
Toluene	0.00040	J	0.0010	0.00024	mg/Kg	1	☼	8260D	Total/NA

Client Sample ID: 50B2_5-6 — Lab Sample ID: 460-336881-56

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Toluene	0.00083	J	0.0012	0.00028	mg/Kg	1	☼	8260D	Total/NA

Client Sample ID: 50B1_6-7 — Lab Sample ID: 460-336881-57

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Toluene	0.00086	J	0.0011	0.00025	mg/Kg	1	☼	8260D	Total/NA

This Detection Summary does not include radiochemical test results.

Detection Summary

Client: Haley & Aldrich, Inc.
Project/Site: Former Port Mobil

Job ID: 460-336881-1

Client Sample ID: 50B3_7-8 — Lab Sample ID: 460-336881-58

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Methylene Chloride	0.0018	J	0.0023	0.0013	mg/Kg	1	☼	8260D	Total/NA

Client Sample ID: 50C1_1-2 — Lab Sample ID: 460-336881-59

No Detections.

Client Sample ID: 50C2_2-3 — Lab Sample ID: 460-336881-60

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Toluene	0.00056	J	0.0011	0.00027	mg/Kg	1	☼	8260D	Total/NA

Client Sample ID: 50C3_4-5 — Lab Sample ID: 460-336881-61

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Toluene	0.00067	J	0.0012	0.00027	mg/Kg	1	☼	8260D	Total/NA

Client Sample ID: 50C1_5-6 — Lab Sample ID: 460-336881-62

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Toluene	0.00062	J	0.00092	0.00021	mg/Kg	1	☼	8260D	Total/NA

Client Sample ID: 50C2_7-8 — Lab Sample ID: 460-336881-63

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Methylene Chloride	0.0017	J	0.0019	0.0011	mg/Kg	1	☼	8260D	Total/NA
Toluene	0.00062	J	0.00094	0.00022	mg/Kg	1	☼	8260D	Total/NA

Client Sample ID: 50C3_5-6 — Lab Sample ID: 460-336881-64

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Methylene Chloride	0.0078	J	0.0091	0.0052	mg/Kg	1	☼	8260D	Total/NA

Client Sample ID: 50C2_6-7 — Lab Sample ID: 460-336881-65

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
1,2,4-Trimethylbenzene	0.00042	J	0.00096	0.00023	mg/Kg	1	☼	8260D	Total/NA
2-Butanone (MEK)	0.016		0.0048	0.00035	mg/Kg	1	☼	8260D	Total/NA
Acetone	0.090		0.0057	0.0055	mg/Kg	1	☼	8260D	Total/NA
Carbon disulfide	0.0018		0.00096	0.00025	mg/Kg	1	☼	8260D	Total/NA
Methylene Chloride	0.0040		0.0019	0.0011	mg/Kg	1	☼	8260D	Total/NA
m-Xylene & p-Xylene	0.00047	J	0.00096	0.00040	mg/Kg	1	☼	8260D	Total/NA
Xylenes, Total	0.00047	J	0.0019	0.00017	mg/Kg	1	☼	8260D	Total/NA

Client Sample ID: 50D1_3-4 — Lab Sample ID: 460-336881-66

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Methylene Chloride	0.0016	J	0.0024	0.0014	mg/Kg	1	☼	8260D	Total/NA

Client Sample ID: 50D2_1-2 — Lab Sample ID: 460-336881-67

No Detections.

Client Sample ID: 50D3_4-5 — Lab Sample ID: 460-336881-68

No Detections.

This Detection Summary does not include radiochemical test results.

Eurofins Edison

Detection Summary

Client: Haley & Aldrich, Inc.
Project/Site: Former Port Mobil

Job ID: 460-336881-1

Client Sample ID: 50D1_5-6 — Lab Sample ID: 460-336881-69

No Detections.

Client Sample ID: 50D4_6-7 — Lab Sample ID: 460-336881-70

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Toluene	0.00051	J	0.0011	0.00026	mg/Kg	1	☼	8260D	Total/NA

Client Sample ID: 50D3_9-10 — Lab Sample ID: 460-336881-71

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Methylene Chloride	0.0017	J	0.0023	0.0013	mg/Kg	1	☼	8260D	Total/NA

Client Sample ID: 50D2_8-9 — Lab Sample ID: 460-336881-72

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Acetone	0.013		0.0062	0.0059	mg/Kg	1	☼	8260D	Total/NA

This Detection Summary does not include radiochemical test results.

Client: Haley & Aldrich, Inc.
Project/Site: Former Port Mobil

Job ID: 460-336881-1

Client Sample ID: 50A_0-5
Date Collected: 10/09/25 10:25
Date Received: 10/09/25 16:58

Lab Sample ID: 460-336881-1
Matrix: Solid
Percent Solids: 96.7

Method: SW846 8270E - Semivolatile Organic Compounds (GC/MS)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1'-Biphenyl	0.34	U	0.34	0.012	mg/Kg	☼	10/11/25 07:01	10/11/25 17:44	1
1,2,4,5-Tetrachlorobenzene	0.34	U	0.34	0.011	mg/Kg	☼	10/11/25 07:01	10/11/25 17:44	1
1,4-Dioxane	0.034	U	0.034	0.030	mg/Kg	☼	10/11/25 07:01	10/11/25 17:44	1
2,2'-oxybis[1-chloropropane]	0.34	U	0.34	0.020	mg/Kg	☼	10/11/25 07:01	10/11/25 17:44	1
2,3,4,6-Tetrachlorophenol	0.34	U	0.34	0.023	mg/Kg	☼	10/11/25 07:01	10/11/25 17:44	1
2,4,5-Trichlorophenol	0.34	U	0.34	0.035	mg/Kg	☼	10/11/25 07:01	10/11/25 17:44	1
2,4,6-Trichlorophenol	0.14	U	0.14	0.044	mg/Kg	☼	10/11/25 07:01	10/11/25 17:44	1
2,4-Dichlorophenol	0.14	U	0.14	0.022	mg/Kg	☼	10/11/25 07:01	10/11/25 17:44	1
2,4-Dimethylphenol	0.34	U	0.34	0.041	mg/Kg	☼	10/11/25 07:01	10/11/25 17:44	1
2,4-Dinitrophenol	0.27	U	0.27	0.17	mg/Kg	☼	10/11/25 07:01	10/11/25 17:44	1
2,4-Dinitrotoluene	0.069	U	0.069	0.037	mg/Kg	☼	10/11/25 07:01	10/11/25 17:44	1
2,6-Dinitrotoluene	0.069	U	0.069	0.025	mg/Kg	☼	10/11/25 07:01	10/11/25 17:44	1
2-Chloronaphthalene	0.34	U	0.34	0.044	mg/Kg	☼	10/11/25 07:01	10/11/25 17:44	1
2-Chlorophenol	0.34	U	0.34	0.012	mg/Kg	☼	10/11/25 07:01	10/11/25 17:44	1
2-Methylnaphthalene	0.34	U	0.34	0.0095	mg/Kg	☼	10/11/25 07:01	10/11/25 17:44	1
2-Methylphenol	0.34	U	0.34	0.013	mg/Kg	☼	10/11/25 07:01	10/11/25 17:44	1
2-Nitroaniline	0.34	U	0.34	0.026	mg/Kg	☼	10/11/25 07:01	10/11/25 17:44	1
2-Nitrophenol	0.34	U	0.34	0.034	mg/Kg	☼	10/11/25 07:01	10/11/25 17:44	1
3 & 4 Methylphenol	0.34	U	0.34	0.021	mg/Kg	☼	10/11/25 07:01	10/11/25 17:44	1
3,3'-Dichlorobenzidine	0.14	U	0.14	0.052	mg/Kg	☼	10/11/25 07:01	10/11/25 17:44	1
3-Nitroaniline	0.34	U	0.34	0.081	mg/Kg	☼	10/11/25 07:01	10/11/25 17:44	1
4,6-Dinitro-2-methylphenol	0.27	U	0.27	0.14	mg/Kg	☼	10/11/25 07:01	10/11/25 17:44	1
4-Bromophenyl phenyl ether	0.34	U	0.34	0.014	mg/Kg	☼	10/11/25 07:01	10/11/25 17:44	1
4-Chloro-3-methylphenol	0.34	U	0.34	0.019	mg/Kg	☼	10/11/25 07:01	10/11/25 17:44	1
4-Chloroaniline	0.34	U	0.34	0.061	mg/Kg	☼	10/11/25 07:01	10/11/25 17:44	1
4-Chlorophenyl phenyl ether	0.34	U	0.34	0.012	mg/Kg	☼	10/11/25 07:01	10/11/25 17:44	1
4-Methylphenol	0.34	U	0.34	0.021	mg/Kg	☼	10/11/25 07:01	10/11/25 17:44	1
4-Nitroaniline	0.34	U	0.34	0.087	mg/Kg	☼	10/11/25 07:01	10/11/25 17:44	1
4-Nitrophenol	0.69	U	0.69	0.056	mg/Kg	☼	10/11/25 07:01	10/11/25 17:44	1
Acenaphthene	0.34	U	0.34	0.0097	mg/Kg	☼	10/11/25 07:01	10/11/25 17:44	1
Acenaphthylene	0.34	U	0.34	0.0098	mg/Kg	☼	10/11/25 07:01	10/11/25 17:44	1
Acetophenone	0.34	U	0.34	0.017	mg/Kg	☼	10/11/25 07:01	10/11/25 17:44	1
Anthracene	0.34	U	0.34	0.010	mg/Kg	☼	10/11/25 07:01	10/11/25 17:44	1
Atrazine	0.14	U *	0.14	0.020	mg/Kg	☼	10/11/25 07:01	10/11/25 17:44	1
Benzaldehyde	0.34	U	0.34	0.056	mg/Kg	☼	10/11/25 07:01	10/11/25 17:44	1
Benzo[a]anthracene	0.034	U	0.034	0.026	mg/Kg	☼	10/11/25 07:01	10/11/25 17:44	1
Benzo[a]pyrene	0.034	U	0.034	0.0091	mg/Kg	☼	10/11/25 07:01	10/11/25 17:44	1
Benzo[b]fluoranthene	**0.013**	**J**	0.034	0.0088	mg/Kg	☼	10/11/25 07:01	10/11/25 17:44	1
Benzo[g,h,i]perylene	0.34	U	0.34	0.010	mg/Kg	☼	10/11/25 07:01	10/11/25 17:44	1
Benzo[k]fluoranthene	0.034	U	0.034	0.0067	mg/Kg	☼	10/11/25 07:01	10/11/25 17:44	1
Bis(2-chloroethoxy)methane	0.34	U	0.34	0.063	mg/Kg	☼	10/11/25 07:01	10/11/25 17:44	1
Bis(2-chloroethyl)ether	0.034	U	0.034	0.012	mg/Kg	☼	10/11/25 07:01	10/11/25 17:44	1
Bis(2-ethylhexyl) phthalate	0.34	U	0.34	0.018	mg/Kg	☼	10/11/25 07:01	10/11/25 17:44	1
Butyl benzyl phthalate	0.34	U	0.34	0.016	mg/Kg	☼	10/11/25 07:01	10/11/25 17:44	1
Caprolactam	0.34	U *	0.34	0.053	mg/Kg	☼	10/11/25 07:01	10/11/25 17:44	1
Carbazole	0.34	U	0.34	0.013	mg/Kg	☼	10/11/25 07:01	10/11/25 17:44	1
Chrysene	**0.014**	**J**	0.34	0.014	mg/Kg	☼	10/11/25 07:01	10/11/25 17:44	1
Dibenz(a,h)anthracene	0.034	U	0.034	0.015	mg/Kg	☼	10/11/25 07:01	10/11/25 17:44	1
Dibenzofuran	0.34	U	0.34	0.011	mg/Kg	☼	10/11/25 07:01	10/11/25 17:44	1

Client Sample ID: 50A_0-5
Date Collected: 10/09/25 10:25
Date Received: 10/09/25 16:58

Lab Sample ID: 460-336881-1
Matrix: Solid
Percent Solids: 96.7

Method: SW846 8270E - Semivolatile Organic Compounds (GC/MS) (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Diethyl phthalate	0.34	U	0.34	0.011	mg/Kg	☼	10/11/25 07:01	10/11/25 17:44	1
Dimethyl phthalate	0.34	U	0.34	0.078	mg/Kg	☼	10/11/25 07:01	10/11/25 17:44	1
Di-n-butyl phthalate	0.34	U	0.34	0.013	mg/Kg	☼	10/11/25 07:01	10/11/25 17:44	1
Di-n-octyl phthalate	0.34	U	0.34	0.018	mg/Kg	☼	10/11/25 07:01	10/11/25 17:44	1
Fluoranthene	0.34	U	0.34	0.012	mg/Kg	☼	10/11/25 07:01	10/11/25 17:44	1
Fluorene	0.34	U	0.34	0.010	mg/Kg	☼	10/11/25 07:01	10/11/25 17:44	1
Hexachlorobenzene	0.034	U	0.034	0.016	mg/Kg	☼	10/11/25 07:01	10/11/25 17:44	1
Hexachlorobutadiene	0.069	U	0.069	0.0073	mg/Kg	☼	10/11/25 07:01	10/11/25 17:44	1
Hexachlorocyclopentadiene	0.34	U	0.34	0.030	mg/Kg	☼	10/11/25 07:01	10/11/25 17:44	1
Hexachloroethane	0.034	U	0.034	0.012	mg/Kg	☼	10/11/25 07:01	10/11/25 17:44	1
Indeno[1,2,3-cd]pyrene	**0.023**	**J**	0.034	0.013	mg/Kg	☼	10/11/25 07:01	10/11/25 17:44	1
Isophorone	0.14	U	0.14	0.099	mg/Kg	☼	10/11/25 07:01	10/11/25 17:44	1
Naphthalene	**0.0074**	**J**	0.34	0.0059	mg/Kg	☼	10/11/25 07:01	10/11/25 17:44	1
Nitrobenzene	0.034	U	0.034	0.019	mg/Kg	☼	10/11/25 07:01	10/11/25 17:44	1
N-Nitrosodi-n-propylamine	0.034	U	0.034	0.025	mg/Kg	☼	10/11/25 07:01	10/11/25 17:44	1
N-Nitrosodiphenylamine	0.34	U	0.34	0.028	mg/Kg	☼	10/11/25 07:01	10/11/25 17:44	1
Pentachlorophenol	0.27	U	0.27	0.070	mg/Kg	☼	10/11/25 07:01	10/11/25 17:44	1
Phenanthrene	0.34	U	0.34	0.014	mg/Kg	☼	10/11/25 07:01	10/11/25 17:44	1
Phenol	0.34	U	0.34	0.013	mg/Kg	☼	10/11/25 07:01	10/11/25 17:44	1
Pyrene	**0.0088**	**J**	0.34	0.0085	mg/Kg	☼	10/11/25 07:01	10/11/25 17:44	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
2,4,6-Tribromophenol (Surr)	*70*		*18 - 137*	*10/11/25 07:01*	*10/11/25 17:44*	*1*
2-Fluorobiphenyl	*62*		*33 - 117*	*10/11/25 07:01*	*10/11/25 17:44*	*1*
2-Fluorophenol (Surr)	*64*		*24 - 120*	*10/11/25 07:01*	*10/11/25 17:44*	*1*
Nitrobenzene-d5 (Surr)	*62*		*27 - 120*	*10/11/25 07:01*	*10/11/25 17:44*	*1*
Phenol-d5 (Surr)	*62*		*28 - 118*	*10/11/25 07:01*	*10/11/25 17:44*	*1*
Terphenyl-d14 (Surr)	*67*		*33 - 124*	*10/11/25 07:01*	*10/11/25 17:44*	*1*

Method: SW846 8081B - Organochlorine Pesticides (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
4,4'-DDD	0.0069	U	0.0069	0.0012	mg/Kg	☼	10/11/25 17:27	10/12/25 12:04	1
4,4'-DDE	0.0069	U	0.0069	0.00082	mg/Kg	☼	10/11/25 17:27	10/12/25 12:04	1
4,4'-DDT	0.0069	U	0.0069	0.0013	mg/Kg	☼	10/11/25 17:27	10/12/25 12:04	1
Aldrin	0.0069	U	0.0069	0.0010	mg/Kg	☼	10/11/25 17:27	10/12/25 12:04	1
alpha-BHC	0.0021	U *	0.0021	0.00070	mg/Kg	☼	10/11/25 17:27	10/12/25 12:04	1
beta-BHC	0.0021	U	0.0021	0.00078	mg/Kg	☼	10/11/25 17:27	10/12/25 12:04	1
Chlordane (technical)	0.069	U	0.069	0.017	mg/Kg	☼	10/11/25 17:27	10/12/25 12:04	1
cis-Chlordane	0.0069	U	0.0069	0.0011	mg/Kg	☼	10/11/25 17:27	10/12/25 12:04	1
delta-BHC	0.0021	U *	0.0021	0.00042	mg/Kg	☼	10/11/25 17:27	10/12/25 12:04	1
Dieldrin	0.0021	U *	0.0021	0.00090	mg/Kg	☼	10/11/25 17:27	10/12/25 12:04	1
Endosulfan I	0.0069	U	0.0069	0.0011	mg/Kg	☼	10/11/25 17:27	10/12/25 12:04	1
Endosulfan II	0.0069	U	0.0069	0.0018	mg/Kg	☼	10/11/25 17:27	10/12/25 12:04	1
Endosulfan sulfate	0.0069	U	0.0069	0.00087	mg/Kg	☼	10/11/25 17:27	10/12/25 12:04	1
Endrin	0.0069	U	0.0069	0.00099	mg/Kg	☼	10/11/25 17:27	10/12/25 12:04	1
Endrin aldehyde	0.0069	U	0.0069	0.0016	mg/Kg	☼	10/11/25 17:27	10/12/25 12:04	1
Endrin ketone	0.0069	U	0.0069	0.0013	mg/Kg	☼	10/11/25 17:27	10/12/25 12:04	1
gamma-BHC (Lindane)	0.0021	U	0.0021	0.00064	mg/Kg	☼	10/11/25 17:27	10/12/25 12:04	1
Heptachlor	0.0069	U	0.0069	0.00082	mg/Kg	☼	10/11/25 17:27	10/12/25 12:04	1
Heptachlor epoxide	0.0069	U	0.0069	0.0010	mg/Kg	☼	10/11/25 17:27	10/12/25 12:04	1

Client Sample ID: 50A_0-5

Date Collected: 10/09/25 10:25
Date Received: 10/09/25 16:58

Lab Sample ID: 460-336881-1

Matrix: Solid
Percent Solids: 96.7

Method: SW846 8081B - Organochlorine Pesticides (GC) (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Methoxychlor	0.0069	U	0.0069	0.0016	mg/Kg	☼	10/11/25 17:27	10/12/25 12:04	1
Toxaphene	0.069	U	0.069	0.025	mg/Kg	☼	10/11/25 17:27	10/12/25 12:04	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
DCB Decachlorobiphenyl	*86*		*10 - 150*	*10/11/25 17:27*	*10/12/25 12:04*	*1*
DCB Decachlorobiphenyl	*105*		*10 - 150*	*10/11/25 17:27*	*10/12/25 12:04*	*1*
Tetrachloro-m-xylene	*53*		*14 - 150*	*10/11/25 17:27*	*10/12/25 12:04*	*1*
Tetrachloro-m-xylene	*52*		*14 - 150*	*10/11/25 17:27*	*10/12/25 12:04*	*1*

Method: SW846 8082A - Polychlorinated Biphenyls (PCBs) by Gas Chromatography

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Aroclor 1016	0.069	U	0.069	0.018	mg/Kg	☼	10/11/25 17:23	10/14/25 07:41	1
Aroclor 1221	0.069	U	0.069	0.018	mg/Kg	☼	10/11/25 17:23	10/14/25 07:41	1
Aroclor 1232	0.069	U	0.069	0.018	mg/Kg	☼	10/11/25 17:23	10/14/25 07:41	1
Aroclor 1242	0.069	U	0.069	0.018	mg/Kg	☼	10/11/25 17:23	10/14/25 07:41	1
Aroclor 1248	0.069	U	0.069	0.018	mg/Kg	☼	10/11/25 17:23	10/14/25 07:41	1
Aroclor 1254	0.069	U	0.069	0.018	mg/Kg	☼	10/11/25 17:23	10/14/25 07:41	1
Aroclor 1260	0.069	U	0.069	0.018	mg/Kg	☼	10/11/25 17:23	10/14/25 07:41	1
Aroclor-1262	0.069	U	0.069	0.018	mg/Kg	☼	10/11/25 17:23	10/14/25 07:41	1
Aroclor 1268	0.069	U	0.069	0.018	mg/Kg	☼	10/11/25 17:23	10/14/25 07:41	1
Polychlorinated biphenyls, Total	0.069	U	0.069	0.018	mg/Kg	☼	10/11/25 17:23	10/14/25 07:41	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
DCB Decachlorobiphenyl	*64*		*10 - 150*	*10/11/25 17:23*	*10/14/25 07:41*	*1*
DCB Decachlorobiphenyl	*81*		*10 - 150*	*10/11/25 17:23*	*10/14/25 07:41*	*1*
Tetrachloro-m-xylene	*43*		*10 - 150*	*10/11/25 17:23*	*10/14/25 07:41*	*1*
Tetrachloro-m-xylene	*46*		*10 - 150*	*10/11/25 17:23*	*10/14/25 07:41*	*1*

Method: EPA 1633A - Per- and Polyfluoroalkyl Substances by LC/MS/MS, 1633A

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Perfluorobutanoic acid (PFBA)	0.40	U	0.40	0.10	ug/Kg	☼	10/15/25 16:06	10/17/25 04:36	1
Perfluoropentanoic acid (PFPeA)	0.20	U	0.20	0.10	ug/Kg	☼	10/15/25 16:06	10/17/25 04:36	1
Perfluorohexanoic acid (PFHxA)	0.20	U	0.20	0.10	ug/Kg	☼	10/15/25 16:06	10/17/25 04:36	1
Perfluoroheptanoic acid (PFHpA)	0.20	U	0.20	0.10	ug/Kg	☼	10/15/25 16:06	10/17/25 04:36	1
Perfluorooctanoic acid (PFOA)	0.12	U	0.12	0.12	ug/Kg	☼	10/15/25 16:06	10/17/25 04:36	1
Perfluorononanoic acid (PFNA)	0.12	U	0.12	0.12	ug/Kg	☼	10/15/25 16:06	10/17/25 04:36	1
Perfluorodecanoic acid (PFDA)	**0.092**	**J**	0.20	0.060	ug/Kg	☼	10/15/25 16:06	10/17/25 04:36	1
Perfluoroundecanoic acid (PFUnA)	**1.00**		0.20	0.10	ug/Kg	☼	10/15/25 16:06	10/17/25 04:36	1
Perfluorododecanoic acid (PFDoA)	0.20	U	0.20	0.10	ug/Kg	☼	10/15/25 16:06	10/17/25 04:36	1
Perfluorotridecanoic acid (PFTrDA)	**0.92**		0.20	0.10	ug/Kg	☼	10/15/25 16:06	10/17/25 04:36	1
Perfluorotetradecanoic acid (PFTeDA)	0.20	U	0.20	0.10	ug/Kg	☼	10/15/25 16:06	10/17/25 04:36	1
Perfluorobutanesulfonic acid (PFBS)	0.20	U	0.20	0.10	ug/Kg	☼	10/15/25 16:06	10/17/25 04:36	1
Perfluoropentanesulfonic acid (PFPeS)	0.20	U	0.20	0.10	ug/Kg	☼	10/15/25 16:06	10/17/25 04:36	1
Perfluorohexanesulfonic acid (PFHxS)	0.20	U	0.20	0.10	ug/Kg	☼	10/15/25 16:06	10/17/25 04:36	1
Perfluoroheptanesulfonic acid (PFHpS)	0.20	U	0.20	0.10	ug/Kg	☼	10/15/25 16:06	10/17/25 04:36	1
Perfluorooctanesulfonic acid (PFOS)	0.20	U	0.20	0.10	ug/Kg	☼	10/15/25 16:06	10/17/25 04:36	1
Perfluorononanesulfonic acid (PFNS)	0.20	U	0.20	0.10	ug/Kg	☼	10/15/25 16:06	10/17/25 04:36	1

Client Sample ID: 50A_0-5
Date Collected: 10/09/25 10:25
Date Received: 10/09/25 16:58

Lab Sample ID: 460-336881-1
Matrix: Solid
Percent Solids: 96.7

Method: EPA 1633A - Per- and Polyfluoroalkyl Substances by LC/MS/MS, 1633A (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Perfluorodecanesulfonic acid (PFDS)	0.20	U	0.20	0.10	ug/Kg	☼	10/15/25 16:06	10/17/25 04:36	1
Perfluorododecanesulfonic acid (PFDoS)	0.20	U	0.20	0.10	ug/Kg	☼	10/15/25 16:06	10/17/25 04:36	1
1H,1H,2H,2H-Perfluorohexane sulfonic acid (4:2 FTS)	0.40	U	0.40	0.20	ug/Kg	☼	10/15/25 16:06	10/17/25 04:36	1
1H,1H,2H,2H-Perfluorooctane sulfonic acid (6:2 FTS)	0.40	U	0.40	0.20	ug/Kg	☼	10/15/25 16:06	10/17/25 04:36	1
1H,1H,2H,2H-Perfluorodecane sulfonic acid (8:2 FTS)	0.40	U	0.40	0.20	ug/Kg	☼	10/15/25 16:06	10/17/25 04:36	1
Perfluorooctanesulfonamide (PFOSA)	0.20	U	0.20	0.10	ug/Kg	☼	10/15/25 16:06	10/17/25 04:36	1
N-methylperfluorooctane sulfonamide (NMeFOSA)	0.20	U	0.20	0.10	ug/Kg	☼	10/15/25 16:06	10/17/25 04:36	1
N-ethylperfluorooctane sulfonamide (NEtFOSA)	0.20	U	0.20	0.10	ug/Kg	☼	10/15/25 16:06	10/17/25 04:36	1
N-methylperfluorooctanesulfonamidoacetic acid (NMeFOSAA)	0.20	U	0.20	0.10	ug/Kg	☼	10/15/25 16:06	10/17/25 04:36	1
N-ethylperfluorooctanesulfonamidoacetic acid (NEtFOSAA)	0.20	U	0.20	0.10	ug/Kg	☼	10/15/25 16:06	10/17/25 04:36	1
N-methylperfluorooctane sulfonamidoethanol (NMeFOSE)	1.0	U	1.0	0.50	ug/Kg	☼	10/15/25 16:06	10/17/25 04:36	1
N-ethylperfluorooctane sulfonamidoethanol (NEtFOSE)	1.0	U	1.0	0.50	ug/Kg	☼	10/15/25 16:06	10/17/25 04:36	1
Hexafluoropropylene Oxide Dimer Acid (HFPO-DA)	0.20	U	0.20	0.10	ug/Kg	☼	10/15/25 16:06	10/17/25 04:36	1
4,8-Dioxa-3H-perfluorononanoic acid (ADONA)	0.20	U	0.20	0.10	ug/Kg	☼	10/15/25 16:06	10/17/25 04:36	1
Perfluoro-3-methoxypropanoic acid (PFMPA)	0.20	U	0.20	0.10	ug/Kg	☼	10/15/25 16:06	10/17/25 04:36	1
Perfluoro-4-methoxybutanoic acid (PFMBA)	0.20	U	0.20	0.10	ug/Kg	☼	10/15/25 16:06	10/17/25 04:36	1
Nonafluoro-3,6-dioxaheptanoic acid (NFDHA)	0.20	U	0.20	0.10	ug/Kg	☼	10/15/25 16:06	10/17/25 04:36	1
9-Chlorohexadecafluoro-3-oxanonane-1-sulfonic acid (9Cl-PF3ONS)	0.20	U	0.20	0.10	ug/Kg	☼	10/15/25 16:06	10/17/25 04:36	1
11-Chloroeicosafluoro-3-oxaundecane-1-sulfonic acid (11Cl-PF3OUdS)	0.20	U	0.20	0.10	ug/Kg	☼	10/15/25 16:06	10/17/25 04:36	1
Perfluoro (2-ethoxyethane) sulfonic acid (PFEESA)	0.20	U	0.20	0.10	ug/Kg	☼	10/15/25 16:06	10/17/25 04:36	1
3-Perfluoropropylpropanoic acid (3:3 FTCA)	0.40	U	0.40	0.20	ug/Kg	☼	10/15/25 16:06	10/17/25 04:36	1
3-Perfluoropentylpropanoic acid (5:3 FTCA)	1.0	U	1.0	0.50	ug/Kg	☼	10/15/25 16:06	10/17/25 04:36	1
3-Perfluoroheptylpropanoic acid (7:3 FTCA)	1.0	U	1.0	0.50	ug/Kg	☼	10/15/25 16:06	10/17/25 04:36	1

Isotope Dilution	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
13C4 PFBA	*90.8*		*8 - 130*	*10/15/25 16:06*	*10/17/25 04:36*	*1*
13C5 PFPeA	*88.0*		*35 - 130*	*10/15/25 16:06*	*10/17/25 04:36*	*1*
13C5 PFHxA	*93.4*		*40 - 130*	*10/15/25 16:06*	*10/17/25 04:36*	*1*
13C4 PFHpA	*96.7*		*40 - 130*	*10/15/25 16:06*	*10/17/25 04:36*	*1*
13C8 PFOA	*91.5*		*40 - 130*	*10/15/25 16:06*	*10/17/25 04:36*	*1*
13C9 PFNA	*95.5*		*40 - 130*	*10/15/25 16:06*	*10/17/25 04:36*	*1*
13C6 PFDA	*88.0*		*40 - 130*	*10/15/25 16:06*	*10/17/25 04:36*	*1*
13C7 PFUnA	*88.9*		*40 - 130*	*10/15/25 16:06*	*10/17/25 04:36*	*1*
13C2 PFTeDA	*54.1*		*20 - 130*	*10/15/25 16:06*	*10/17/25 04:36*	*1*

Client Sample ID: 50A_0-5
Date Collected: 10/09/25 10:25
Date Received: 10/09/25 16:58

Lab Sample ID: 460-336881-1
Matrix: Solid
Percent Solids: 96.7

Method: EPA 1633A - Per- and Polyfluoroalkyl Substances by LC/MS/MS, 1633A (Continued)

Isotope Dilution	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
13C3 PFBS	87.2		40 - 135	10/15/25 16:06	10/17/25 04:36	1
13C3 PFHxS	88.8		40 - 130	10/15/25 16:06	10/17/25 04:36	1
13C8 PFOS	84.2		40 - 130	10/15/25 16:06	10/17/25 04:36	1
13C8 FOSA	70.4		40 - 130	10/15/25 16:06	10/17/25 04:36	1
d3-NMeFOSAA	72.3		40 - 135	10/15/25 16:06	10/17/25 04:36	1
d5-NEtFOSAA	72.3		40 - 150	10/15/25 16:06	10/17/25 04:36	1
13C2 4:2 FTS	124		40 - 165	10/15/25 16:06	10/17/25 04:36	1
13C2 6:2 FTS	131		40 - 215	10/15/25 16:06	10/17/25 04:36	1
13C2 8:2 FTS	104		40 - 275	10/15/25 16:06	10/17/25 04:36	1
13C3 HFPO-DA	86.3		40 - 130	10/15/25 16:06	10/17/25 04:36	1
d7-N-MeFOSE-M	46.0		20 - 130	10/15/25 16:06	10/17/25 04:36	1
d9-N-EtFOSE-M	36.5		15 - 130	10/15/25 16:06	10/17/25 04:36	1
d5-NEtPFOSA	55.9		10 - 130	10/15/25 16:06	10/17/25 04:36	1
d3-NMePFOSA	63.9		10 - 130	10/15/25 16:06	10/17/25 04:36	1
13C2 PFDoA	71.8		40 - 130	10/15/25 16:06	10/17/25 04:36	1

Method: SW846 6020B - Metals (ICP/MS)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Aluminum	4170		16.3	4.5	mg/Kg	☼	10/16/25 19:30	10/17/25 15:42	1
Antimony	1.5		0.81	0.12	mg/Kg	☼	10/16/25 19:30	10/17/25 15:42	1
Arsenic	7.1		0.81	0.084	mg/Kg	☼	10/16/25 19:30	10/17/25 15:42	1
Barium	23.8		1.6	0.12	mg/Kg	☼	10/16/25 19:30	10/17/25 15:42	1
Beryllium	0.55		0.33	0.018	mg/Kg	☼	10/16/25 19:30	10/17/25 15:42	1
Cadmium	0.13	J	0.81	0.092	mg/Kg	☼	10/16/25 19:30	10/17/25 15:42	1
Calcium	1420		81.5	7.9	mg/Kg	☼	10/16/25 19:30	10/17/25 15:42	1
Chromium	21.8		1.6	0.24	mg/Kg	☼	10/16/25 19:30	10/17/25 15:42	1
Cobalt	11.7		0.81	0.12	mg/Kg	☼	10/16/25 19:30	10/17/25 15:42	1
Copper	77.0		1.6	0.30	mg/Kg	☼	10/16/25 19:30	10/17/25 15:42	1
Iron	17900		48.9	6.2	mg/Kg	☼	10/16/25 19:30	10/17/25 15:42	1
Lead	116		0.49	0.16	mg/Kg	☼	10/16/25 19:30	10/17/25 15:42	1
Magnesium	1200		81.5	8.3	mg/Kg	☼	10/16/25 19:30	10/17/25 15:42	1
Manganese	89.0		3.3	0.33	mg/Kg	☼	10/16/25 19:30	10/17/25 15:42	1
Nickel	62.7		1.6	0.14	mg/Kg	☼	10/16/25 19:30	10/17/25 15:42	1
Potassium	819		81.5	13.2	mg/Kg	☼	10/16/25 19:30	10/17/25 15:42	1
Selenium	0.27	J	1.0	0.10	mg/Kg	☼	10/16/25 19:30	10/17/25 15:42	1
Silver	0.15	J	0.33	0.072	mg/Kg	☼	10/16/25 19:30	10/17/25 15:42	1
Sodium	46.3	J	81.5	37.2	mg/Kg	☼	10/16/25 19:30	10/17/25 15:42	1
Thallium	0.062	J	0.33	0.033	mg/Kg	☼	10/16/25 19:30	10/17/25 15:42	1
Vanadium	34.9		1.6	0.17	mg/Kg	☼	10/16/25 19:30	10/17/25 15:42	1
Zinc	158		6.5	0.89	mg/Kg	☼	10/16/25 19:30	10/17/25 15:42	1

Method: SW846 7471B - Mercury (CVAA)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	0.021		0.016	0.0075	mg/Kg	☼	10/20/25 01:55	10/20/25 08:35	1

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Percent Moisture (EPA Moisture)	3.3		1.0	1.0	%			10/12/25 10:52	1
Percent Solids (EPA Moisture)	96.7		1.0	1.0	%			10/12/25 10:52	1

Client Sample ID: 50A_5-10
Date Collected: 10/09/25 10:30
Date Received: 10/09/25 16:58

Lab Sample ID: 460-336881-2
Matrix: Solid
Percent Solids: 93.8

Method: SW846 8270E - Semivolatile Organic Compounds (GC/MS)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1'-Biphenyl	0.35	U	0.35	0.012	mg/Kg	☼	10/11/25 07:01	10/11/25 18:01	1
1,2,4,5-Tetrachlorobenzene	0.35	U	0.35	0.011	mg/Kg	☼	10/11/25 07:01	10/11/25 18:01	1
1,4-Dioxane	0.035	U	0.035	0.031	mg/Kg	☼	10/11/25 07:01	10/11/25 18:01	1
2,2'-oxybis[1-chloropropane]	0.35	U	0.35	0.021	mg/Kg	☼	10/11/25 07:01	10/11/25 18:01	1
2,3,4,6-Tetrachlorophenol	0.35	U	0.35	0.024	mg/Kg	☼	10/11/25 07:01	10/11/25 18:01	1
2,4,5-Trichlorophenol	0.35	U	0.35	0.036	mg/Kg	☼	10/11/25 07:01	10/11/25 18:01	1
2,4,6-Trichlorophenol	0.14	U	0.14	0.045	mg/Kg	☼	10/11/25 07:01	10/11/25 18:01	1
2,4-Dichlorophenol	0.14	U	0.14	0.022	mg/Kg	☼	10/11/25 07:01	10/11/25 18:01	1
2,4-Dimethylphenol	0.35	U	0.35	0.042	mg/Kg	☼	10/11/25 07:01	10/11/25 18:01	1
2,4-Dinitrophenol	0.28	U	0.28	0.17	mg/Kg	☼	10/11/25 07:01	10/11/25 18:01	1
2,4-Dinitrotoluene	0.071	U	0.071	0.038	mg/Kg	☼	10/11/25 07:01	10/11/25 18:01	1
2,6-Dinitrotoluene	0.071	U	0.071	0.025	mg/Kg	☼	10/11/25 07:01	10/11/25 18:01	1
2-Chloronaphthalene	0.35	U	0.35	0.045	mg/Kg	☼	10/11/25 07:01	10/11/25 18:01	1
2-Chlorophenol	0.35	U	0.35	0.012	mg/Kg	☼	10/11/25 07:01	10/11/25 18:01	1
2-Methylnaphthalene	**0.010**	**J**	0.35	0.0098	mg/Kg	☼	10/11/25 07:01	10/11/25 18:01	1
2-Methylphenol	0.35	U	0.35	0.013	mg/Kg	☼	10/11/25 07:01	10/11/25 18:01	1
2-Nitroaniline	0.35	U	0.35	0.027	mg/Kg	☼	10/11/25 07:01	10/11/25 18:01	1
2-Nitrophenol	0.35	U	0.35	0.035	mg/Kg	☼	10/11/25 07:01	10/11/25 18:01	1
3 & 4 Methylphenol	0.35	U	0.35	0.022	mg/Kg	☼	10/11/25 07:01	10/11/25 18:01	1
3,3'-Dichlorobenzidine	0.14	U	0.14	0.053	mg/Kg	☼	10/11/25 07:01	10/11/25 18:01	1
3-Nitroaniline	0.35	U	0.35	0.083	mg/Kg	☼	10/11/25 07:01	10/11/25 18:01	1
4,6-Dinitro-2-methylphenol	0.28	U	0.28	0.14	mg/Kg	☼	10/11/25 07:01	10/11/25 18:01	1
4-Bromophenyl phenyl ether	0.35	U	0.35	0.014	mg/Kg	☼	10/11/25 07:01	10/11/25 18:01	1
4-Chloro-3-methylphenol	0.35	U	0.35	0.020	mg/Kg	☼	10/11/25 07:01	10/11/25 18:01	1
4-Chloroaniline	0.35	U	0.35	0.062	mg/Kg	☼	10/11/25 07:01	10/11/25 18:01	1
4-Chlorophenyl phenyl ether	0.35	U	0.35	0.012	mg/Kg	☼	10/11/25 07:01	10/11/25 18:01	1
4-Methylphenol	0.35	U	0.35	0.022	mg/Kg	☼	10/11/25 07:01	10/11/25 18:01	1
4-Nitroaniline	0.35	U	0.35	0.089	mg/Kg	☼	10/11/25 07:01	10/11/25 18:01	1
4-Nitrophenol	0.71	U	0.71	0.057	mg/Kg	☼	10/11/25 07:01	10/11/25 18:01	1
Acenaphthene	0.35	U	0.35	0.010	mg/Kg	☼	10/11/25 07:01	10/11/25 18:01	1
Acenaphthylene	0.35	U	0.35	0.010	mg/Kg	☼	10/11/25 07:01	10/11/25 18:01	1
Acetophenone	0.35	U	0.35	0.017	mg/Kg	☼	10/11/25 07:01	10/11/25 18:01	1
Anthracene	0.35	U	0.35	0.011	mg/Kg	☼	10/11/25 07:01	10/11/25 18:01	1
Atrazine	0.14	U *	0.14	0.021	mg/Kg	☼	10/11/25 07:01	10/11/25 18:01	1
Benzaldehyde	0.35	U	0.35	0.058	mg/Kg	☼	10/11/25 07:01	10/11/25 18:01	1
Benzo[a]anthracene	0.035	U	0.035	0.026	mg/Kg	☼	10/11/25 07:01	10/11/25 18:01	1
Benzo[a]pyrene	**0.0095**	**J**	0.035	0.0093	mg/Kg	☼	10/11/25 07:01	10/11/25 18:01	1
Benzo[b]fluoranthene	**0.017**	**J**	0.035	0.0091	mg/Kg	☼	10/11/25 07:01	10/11/25 18:01	1
Benzo[g,h,i]perylene	0.35	U	0.35	0.010	mg/Kg	☼	10/11/25 07:01	10/11/25 18:01	1
Benzo[k]fluoranthene	0.035	U	0.035	0.0069	mg/Kg	☼	10/11/25 07:01	10/11/25 18:01	1
Bis(2-chloroethoxy)methane	0.35	U	0.35	0.065	mg/Kg	☼	10/11/25 07:01	10/11/25 18:01	1
Bis(2-chloroethyl)ether	0.035	U	0.035	0.012	mg/Kg	☼	10/11/25 07:01	10/11/25 18:01	1
Bis(2-ethylhexyl) phthalate	0.35	U	0.35	0.019	mg/Kg	☼	10/11/25 07:01	10/11/25 18:01	1
Butyl benzyl phthalate	0.35	U	0.35	0.016	mg/Kg	☼	10/11/25 07:01	10/11/25 18:01	1
Caprolactam	0.35	U *	0.35	0.055	mg/Kg	☼	10/11/25 07:01	10/11/25 18:01	1
Carbazole	0.35	U	0.35	0.013	mg/Kg	☼	10/11/25 07:01	10/11/25 18:01	1
Chrysene	**0.019**	**J**	0.35	0.015	mg/Kg	☼	10/11/25 07:01	10/11/25 18:01	1
Dibenz(a,h)anthracene	0.035	U	0.035	0.015	mg/Kg	☼	10/11/25 07:01	10/11/25 18:01	1
Dibenzofuran	0.35	U	0.35	0.012	mg/Kg	☼	10/11/25 07:01	10/11/25 18:01	1

Client Sample ID: 50A_5-10

Date Collected: 10/09/25 10:30
Date Received: 10/09/25 16:58

Lab Sample ID: 460-336881-2

Matrix: Solid
Percent Solids: 93.8

Method: SW846 8270E - Semivolatile Organic Compounds (GC/MS) (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Diethyl phthalate	0.35	U	0.35	0.011	mg/Kg	☼	10/11/25 07:01	10/11/25 18:01	1
Dimethyl phthalate	0.35	U	0.35	0.080	mg/Kg	☼	10/11/25 07:01	10/11/25 18:01	1
Di-n-butyl phthalate	0.35	U	0.35	0.013	mg/Kg	☼	10/11/25 07:01	10/11/25 18:01	1
Di-n-octyl phthalate	0.35	U	0.35	0.019	mg/Kg	☼	10/11/25 07:01	10/11/25 18:01	1
Fluoranthene	**0.013**	**J**	0.35	0.012	mg/Kg	☼	10/11/25 07:01	10/11/25 18:01	1
Fluorene	0.35	U	0.35	0.010	mg/Kg	☼	10/11/25 07:01	10/11/25 18:01	1
Hexachlorobenzene	0.035	U	0.035	0.017	mg/Kg	☼	10/11/25 07:01	10/11/25 18:01	1
Hexachlorobutadiene	0.071	U	0.071	0.0075	mg/Kg	☼	10/11/25 07:01	10/11/25 18:01	1
Hexachlorocyclopentadiene	0.35	U	0.35	0.031	mg/Kg	☼	10/11/25 07:01	10/11/25 18:01	1
Hexachloroethane	0.035	U	0.035	0.012	mg/Kg	☼	10/11/25 07:01	10/11/25 18:01	1
Indeno[1,2,3-cd]pyrene	0.035	U	0.035	0.014	mg/Kg	☼	10/11/25 07:01	10/11/25 18:01	1
Isophorone	0.14	U	0.14	0.10	mg/Kg	☼	10/11/25 07:01	10/11/25 18:01	1
Naphthalene	**0.010**	**J**	0.35	0.0061	mg/Kg	☼	10/11/25 07:01	10/11/25 18:01	1
Nitrobenzene	0.035	U	0.035	0.019	mg/Kg	☼	10/11/25 07:01	10/11/25 18:01	1
N-Nitrosodi-n-propylamine	0.035	U	0.035	0.025	mg/Kg	☼	10/11/25 07:01	10/11/25 18:01	1
N-Nitrosodiphenylamine	0.35	U	0.35	0.029	mg/Kg	☼	10/11/25 07:01	10/11/25 18:01	1
Pentachlorophenol	0.28	U	0.28	0.072	mg/Kg	☼	10/11/25 07:01	10/11/25 18:01	1
Phenanthrene	**0.014**	**J**	0.35	0.014	mg/Kg	☼	10/11/25 07:01	10/11/25 18:01	1
Phenol	0.35	U	0.35	0.013	mg/Kg	☼	10/11/25 07:01	10/11/25 18:01	1
Pyrene	**0.012**	**J**	0.35	0.0087	mg/Kg	☼	10/11/25 07:01	10/11/25 18:01	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
2,4,6-Tribromophenol (Surr)	*71*		*18 - 137*	*10/11/25 07:01*	*10/11/25 18:01*	*1*
2-Fluorobiphenyl	*64*		*33 - 117*	*10/11/25 07:01*	*10/11/25 18:01*	*1*
2-Fluorophenol (Surr)	*70*		*24 - 120*	*10/11/25 07:01*	*10/11/25 18:01*	*1*
Nitrobenzene-d5 (Surr)	*66*		*27 - 120*	*10/11/25 07:01*	*10/11/25 18:01*	*1*
Phenol-d5 (Surr)	*65*		*28 - 118*	*10/11/25 07:01*	*10/11/25 18:01*	*1*
Terphenyl-d14 (Surr)	*68*		*33 - 124*	*10/11/25 07:01*	*10/11/25 18:01*	*1*

Method: SW846 8081B - Organochlorine Pesticides (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
4,4'-DDD	0.0071	U	0.0071	0.0012	mg/Kg	☼	10/11/25 17:27	10/12/25 12:16	1
4,4'-DDE	0.0071	U	0.0071	0.00084	mg/Kg	☼	10/11/25 17:27	10/12/25 12:16	1
4,4'-DDT	0.0071	U	0.0071	0.0013	mg/Kg	☼	10/11/25 17:27	10/12/25 12:16	1
Aldrin	0.0071	U	0.0071	0.0011	mg/Kg	☼	10/11/25 17:27	10/12/25 12:16	1
alpha-BHC	0.0021	U *	0.0021	0.00072	mg/Kg	☼	10/11/25 17:27	10/12/25 12:16	1
beta-BHC	0.0021	U	0.0021	0.00080	mg/Kg	☼	10/11/25 17:27	10/12/25 12:16	1
Chlordane (technical)	0.071	U	0.071	0.017	mg/Kg	☼	10/11/25 17:27	10/12/25 12:16	1
cis-Chlordane	0.0071	U	0.0071	0.0011	mg/Kg	☼	10/11/25 17:27	10/12/25 12:16	1
delta-BHC	0.0021	U *	0.0021	0.00044	mg/Kg	☼	10/11/25 17:27	10/12/25 12:16	1
Dieldrin	0.0021	U *	0.0021	0.00093	mg/Kg	☼	10/11/25 17:27	10/12/25 12:16	1
Endosulfan I	0.0071	U	0.0071	0.0011	mg/Kg	☼	10/11/25 17:27	10/12/25 12:16	1
Endosulfan II	0.0071	U	0.0071	0.0018	mg/Kg	☼	10/11/25 17:27	10/12/25 12:16	1
Endosulfan sulfate	0.0071	U	0.0071	0.00090	mg/Kg	☼	10/11/25 17:27	10/12/25 12:16	1
Endrin	0.0071	U	0.0071	0.0010	mg/Kg	☼	10/11/25 17:27	10/12/25 12:16	1
Endrin aldehyde	0.0071	U	0.0071	0.0017	mg/Kg	☼	10/11/25 17:27	10/12/25 12:16	1
Endrin ketone	0.0071	U	0.0071	0.0014	mg/Kg	☼	10/11/25 17:27	10/12/25 12:16	1
gamma-BHC (Lindane)	0.0021	U	0.0021	0.00066	mg/Kg	☼	10/11/25 17:27	10/12/25 12:16	1
Heptachlor	0.0071	U	0.0071	0.00084	mg/Kg	☼	10/11/25 17:27	10/12/25 12:16	1
Heptachlor epoxide	0.0071	U	0.0071	0.0011	mg/Kg	☼	10/11/25 17:27	10/12/25 12:16	1

Client Sample ID: 50A_5-10
Date Collected: 10/09/25 10:30
Date Received: 10/09/25 16:58

Lab Sample ID: 460-336881-2
Matrix: Solid
Percent Solids: 93.8

Method: SW846 8081B - Organochlorine Pesticides (GC) (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Methoxychlor	0.0071	U	0.0071	0.0016	mg/Kg	☼	10/11/25 17:27	10/12/25 12:16	1
Toxaphene	0.071	U	0.071	0.026	mg/Kg	☼	10/11/25 17:27	10/12/25 12:16	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
DCB Decachlorobiphenyl	*82*		*10 - 150*	*10/11/25 17:27*	*10/12/25 12:16*	*1*
DCB Decachlorobiphenyl	*105*		*10 - 150*	*10/11/25 17:27*	*10/12/25 12:16*	*1*
Tetrachloro-m-xylene	*37*		*14 - 150*	*10/11/25 17:27*	*10/12/25 12:16*	*1*
Tetrachloro-m-xylene	*36*		*14 - 150*	*10/11/25 17:27*	*10/12/25 12:16*	*1*

Method: SW846 8082A - Polychlorinated Biphenyls (PCBs) by Gas Chromatography

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Aroclor 1016	0.071	U	0.071	0.019	mg/Kg	☼	10/11/25 17:23	10/14/25 07:58	1
Aroclor 1221	0.071	U	0.071	0.019	mg/Kg	☼	10/11/25 17:23	10/14/25 07:58	1
Aroclor 1232	0.071	U	0.071	0.019	mg/Kg	☼	10/11/25 17:23	10/14/25 07:58	1
Aroclor 1242	0.071	U	0.071	0.019	mg/Kg	☼	10/11/25 17:23	10/14/25 07:58	1
Aroclor 1248	0.071	U	0.071	0.019	mg/Kg	☼	10/11/25 17:23	10/14/25 07:58	1
Aroclor 1254	0.071	U	0.071	0.019	mg/Kg	☼	10/11/25 17:23	10/14/25 07:58	1
Aroclor 1260	0.071	U	0.071	0.019	mg/Kg	☼	10/11/25 17:23	10/14/25 07:58	1
Aroclor-1262	0.071	U	0.071	0.019	mg/Kg	☼	10/11/25 17:23	10/14/25 07:58	1
Aroclor 1268	0.071	U	0.071	0.019	mg/Kg	☼	10/11/25 17:23	10/14/25 07:58	1
Polychlorinated biphenyls, Total	0.071	U	0.071	0.019	mg/Kg	☼	10/11/25 17:23	10/14/25 07:58	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
DCB Decachlorobiphenyl	*70*		*10 - 150*	*10/11/25 17:23*	*10/14/25 07:58*	*1*
DCB Decachlorobiphenyl	*86*		*10 - 150*	*10/11/25 17:23*	*10/14/25 07:58*	*1*
Tetrachloro-m-xylene	*36*		*10 - 150*	*10/11/25 17:23*	*10/14/25 07:58*	*1*
Tetrachloro-m-xylene	*38*		*10 - 150*	*10/11/25 17:23*	*10/14/25 07:58*	*1*

Method: EPA 1633A - Per- and Polyfluoroalkyl Substances by LC/MS/MS, 1633A

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Perfluorobutanoic acid (PFBA)	0.39	U	0.39	0.098	ug/Kg	☼	10/15/25 16:06	10/17/25 05:17	1
Perfluoropentanoic acid (PFPeA)	0.20	U	0.20	0.098	ug/Kg	☼	10/15/25 16:06	10/17/25 05:17	1
Perfluorohexanoic acid (PFHxA)	0.20	U	0.20	0.098	ug/Kg	☼	10/15/25 16:06	10/17/25 05:17	1
Perfluoroheptanoic acid (PFHpA)	0.20	U	0.20	0.098	ug/Kg	☼	10/15/25 16:06	10/17/25 05:17	1
Perfluorooctanoic acid (PFOA)	**0.092**	**J**	0.20	0.059	ug/Kg	☼	10/15/25 16:06	10/17/25 05:17	1
Perfluorononanoic acid (PFNA)	**0.10**	**J**	0.20	0.098	ug/Kg	☼	10/15/25 16:06	10/17/25 05:17	1
Perfluorodecanoic acid (PFDA)	**0.15**	**J**	0.20	0.059	ug/Kg	☼	10/15/25 16:06	10/17/25 05:17	1
Perfluoroundecanoic acid (PFUnA)	**1.57**		0.20	0.098	ug/Kg	☼	10/15/25 16:06	10/17/25 05:17	1
Perfluorododecanoic acid (PFDoA)	**0.25**		0.20	0.098	ug/Kg	☼	10/15/25 16:06	10/17/25 05:17	1
Perfluorotridecanoic acid (PFTrDA)	**1.95**		0.20	0.098	ug/Kg	☼	10/15/25 16:06	10/17/25 05:17	1
Perfluorotetradecanoic acid (PFTeDA)	**0.11**	**J**	0.20	0.098	ug/Kg	☼	10/15/25 16:06	10/17/25 05:17	1
Perfluorobutanesulfonic acid (PFBS)	0.20	U	0.20	0.098	ug/Kg	☼	10/15/25 16:06	10/17/25 05:17	1
Perfluoropentanesulfonic acid (PFPeS)	0.20	U	0.20	0.098	ug/Kg	☼	10/15/25 16:06	10/17/25 05:17	1
Perfluorohexanesulfonic acid (PFHxS)	0.20	U	0.20	0.098	ug/Kg	☼	10/15/25 16:06	10/17/25 05:17	1
Perfluoroheptanesulfonic acid (PFHpS)	0.20	U	0.20	0.098	ug/Kg	☼	10/15/25 16:06	10/17/25 05:17	1
Perfluorooctanesulfonic acid (PFOS)	0.20	U	0.20	0.098	ug/Kg	☼	10/15/25 16:06	10/17/25 05:17	1

Client Sample ID: 50A_5-10
Date Collected: 10/09/25 10:30
Date Received: 10/09/25 16:58

Lab Sample ID: 460-336881-2
Matrix: Solid
Percent Solids: 93.8

Method: EPA 1633A - Per- and Polyfluoroalkyl Substances by LC/MS/MS, 1633A (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Perfluorononanesulfonic acid (PFNS)	0.20	U	0.20	0.098	ug/Kg	☼	10/15/25 16:06	10/17/25 05:17	1
Perfluorodecanesulfonic acid (PFDS)	0.20	U	0.20	0.098	ug/Kg	☼	10/15/25 16:06	10/17/25 05:17	1
Perfluorododecanesulfonic acid (PFDoS)	0.20	U	0.20	0.098	ug/Kg	☼	10/15/25 16:06	10/17/25 05:17	1
1H,1H,2H,2H-Perfluorohexane sulfonic acid (4:2 FTS)	0.39	U	0.39	0.20	ug/Kg	☼	10/15/25 16:06	10/17/25 05:17	1
1H,1H,2H,2H-Perfluorooctane sulfonic acid (6:2 FTS)	0.39	U	0.39	0.20	ug/Kg	☼	10/15/25 16:06	10/17/25 05:17	1
1H,1H,2H,2H-Perfluorodecane sulfonic acid (8:2 FTS)	0.39	U	0.39	0.20	ug/Kg	☼	10/15/25 16:06	10/17/25 05:17	1
Perfluorooctanesulfonamide (PFOSA)	0.20	U	0.20	0.098	ug/Kg	☼	10/15/25 16:06	10/17/25 05:17	1
N-methylperfluorooctane sulfonamide (NMeFOSA)	0.20	U	0.20	0.098	ug/Kg	☼	10/15/25 16:06	10/17/25 05:17	1
N-ethylperfluorooctane sulfonamide (NEtFOSA)	0.20	U	0.20	0.098	ug/Kg	☼	10/15/25 16:06	10/17/25 05:17	1
N-methylperfluorooctanesulfonamidoacetic acid (NMeFOSAA)	0.20	U	0.20	0.098	ug/Kg	☼	10/15/25 16:06	10/17/25 05:17	1
N-ethylperfluorooctanesulfonamidoacetic acid (NEtFOSAA)	0.20	U	0.20	0.098	ug/Kg	☼	10/15/25 16:06	10/17/25 05:17	1
N-methylperfluorooctane sulfonamidoethanol (NMeFOSE)	0.98	U	0.98	0.49	ug/Kg	☼	10/15/25 16:06	10/17/25 05:17	1
N-ethylperfluorooctane sulfonamidoethanol (NEtFOSE)	0.98	U	0.98	0.49	ug/Kg	☼	10/15/25 16:06	10/17/25 05:17	1
Hexafluoropropylene Oxide Dimer Acid (HFPO-DA)	0.20	U	0.20	0.098	ug/Kg	☼	10/15/25 16:06	10/17/25 05:17	1
4,8-Dioxa-3H-perfluorononanoic acid (ADONA)	0.20	U	0.20	0.098	ug/Kg	☼	10/15/25 16:06	10/17/25 05:17	1
Perfluoro-3-methoxypropanoic acid (PFMPA)	0.20	U	0.20	0.098	ug/Kg	☼	10/15/25 16:06	10/17/25 05:17	1
Perfluoro-4-methoxybutanoic acid (PFMBA)	0.20	U	0.20	0.098	ug/Kg	☼	10/15/25 16:06	10/17/25 05:17	1
Nonafluoro-3,6-dioxaheptanoic acid (NFDHA)	0.20	U	0.20	0.098	ug/Kg	☼	10/15/25 16:06	10/17/25 05:17	1
9-Chlorohexadecafluoro-3-oxanonane-1-sulfonic acid (9Cl-PF3ONS)	0.20	U	0.20	0.098	ug/Kg	☼	10/15/25 16:06	10/17/25 05:17	1
11-Chloroeicosafluoro-3-oxaundecane-1-sulfonic acid (11Cl-PF3OUdS)	0.20	U	0.20	0.098	ug/Kg	☼	10/15/25 16:06	10/17/25 05:17	1
Perfluoro (2-ethoxyethane) sulfonic acid (PFEESA)	0.20	U	0.20	0.098	ug/Kg	☼	10/15/25 16:06	10/17/25 05:17	1
3-Perfluoropropylpropanoic acid (3:3 FTCA)	0.39	U	0.39	0.20	ug/Kg	☼	10/15/25 16:06	10/17/25 05:17	1
3-Perfluoropentylpropanoic acid (5:3 FTCA)	0.98	U	0.98	0.49	ug/Kg	☼	10/15/25 16:06	10/17/25 05:17	1
3-Perfluoroheptylpropanoic acid (7:3 FTCA)	0.98	U	0.98	0.49	ug/Kg	☼	10/15/25 16:06	10/17/25 05:17	1

Isotope Dilution	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
13C4 PFBA	*82.7*		*8 - 130*	*10/15/25 16:06*	*10/17/25 05:17*	*1*
13C5 PFPeA	*80.5*		*35 - 130*	*10/15/25 16:06*	*10/17/25 05:17*	*1*
13C5 PFHxA	*81.8*		*40 - 130*	*10/15/25 16:06*	*10/17/25 05:17*	*1*
13C4 PFHpA	*87.0*		*40 - 130*	*10/15/25 16:06*	*10/17/25 05:17*	*1*
13C8 PFOA	*81.6*		*40 - 130*	*10/15/25 16:06*	*10/17/25 05:17*	*1*
13C9 PFNA	*89.0*		*40 - 130*	*10/15/25 16:06*	*10/17/25 05:17*	*1*
13C6 PFDA	*86.6*		*40 - 130*	*10/15/25 16:06*	*10/17/25 05:17*	*1*
13C7 PFUnA	*74.6*		*40 - 130*	*10/15/25 16:06*	*10/17/25 05:17*	*1*

Client Sample ID: 50A_5-10
Date Collected: 10/09/25 10:30
Date Received: 10/09/25 16:58

Lab Sample ID: 460-336881-2
Matrix: Solid
Percent Solids: 93.8

Method: EPA 1633A - Per- and Polyfluoroalkyl Substances by LC/MS/MS, 1633A (Continued)

Isotope Dilution	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
13C2 PFTeDA	39.5		20 - 130	10/15/25 16:06	10/17/25 05:17	1
13C3 PFBS	79.4		40 - 135	10/15/25 16:06	10/17/25 05:17	1
13C3 PFHxS	81.8		40 - 130	10/15/25 16:06	10/17/25 05:17	1
13C8 PFOS	77.8		40 - 130	10/15/25 16:06	10/17/25 05:17	1
13C8 FOSA	68.2		40 - 130	10/15/25 16:06	10/17/25 05:17	1
d3-NMeFOSAA	66.5		40 - 135	10/15/25 16:06	10/17/25 05:17	1
d5-NEtFOSAA	67.8		40 - 150	10/15/25 16:06	10/17/25 05:17	1
13C2 4:2 FTS	114		40 - 165	10/15/25 16:06	10/17/25 05:17	1
13C2 6:2 FTS	113		40 - 215	10/15/25 16:06	10/17/25 05:17	1
13C2 8:2 FTS	91.0		40 - 275	10/15/25 16:06	10/17/25 05:17	1
13C3 HFPO-DA	74.3		40 - 130	10/15/25 16:06	10/17/25 05:17	1
d7-N-MeFOSE-M	35.6		20 - 130	10/15/25 16:06	10/17/25 05:17	1
d9-N-EtFOSE-M	27.7		15 - 130	10/15/25 16:06	10/17/25 05:17	1
d5-NEtPFOSA	55.4		10 - 130	10/15/25 16:06	10/17/25 05:17	1
d3-NMePFOSA	62.1		10 - 130	10/15/25 16:06	10/17/25 05:17	1
13C2 PFDoA	61.6		40 - 130	10/15/25 16:06	10/17/25 05:17	1

Method: SW846 6020B - Metals (ICP/MS)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Aluminum	4560		16.4	4.5	mg/Kg	☼	10/16/25 19:30	10/17/25 15:45	1
Antimony	2.2		0.82	0.12	mg/Kg	☼	10/16/25 19:30	10/17/25 15:45	1
Arsenic	9.2		0.82	0.084	mg/Kg	☼	10/16/25 19:30	10/17/25 15:45	1
Barium	27.7		1.6	0.12	mg/Kg	☼	10/16/25 19:30	10/17/25 15:45	1
Beryllium	0.48		0.33	0.018	mg/Kg	☼	10/16/25 19:30	10/17/25 15:45	1
Cadmium	0.14	J	0.82	0.093	mg/Kg	☼	10/16/25 19:30	10/17/25 15:45	1
Calcium	874		82.0	8.0	mg/Kg	☼	10/16/25 19:30	10/17/25 15:45	1
Chromium	14.8		1.6	0.24	mg/Kg	☼	10/16/25 19:30	10/17/25 15:45	1
Cobalt	4.6		0.82	0.12	mg/Kg	☼	10/16/25 19:30	10/17/25 15:45	1
Copper	37.5		1.6	0.30	mg/Kg	☼	10/16/25 19:30	10/17/25 15:45	1
Iron	16300		49.2	6.3	mg/Kg	☼	10/16/25 19:30	10/17/25 15:45	1
Lead	74.4		0.49	0.16	mg/Kg	☼	10/16/25 19:30	10/17/25 15:45	1
Magnesium	947		82.0	8.4	mg/Kg	☼	10/16/25 19:30	10/17/25 15:45	1
Manganese	97.4		3.3	0.33	mg/Kg	☼	10/16/25 19:30	10/17/25 15:45	1
Nickel	12.1		1.6	0.15	mg/Kg	☼	10/16/25 19:30	10/17/25 15:45	1
Potassium	943		82.0	13.3	mg/Kg	☼	10/16/25 19:30	10/17/25 15:45	1
Selenium	0.53	J	1.0	0.10	mg/Kg	☼	10/16/25 19:30	10/17/25 15:45	1
Silver	0.20	J	0.33	0.073	mg/Kg	☼	10/16/25 19:30	10/17/25 15:45	1
Sodium	43.1	J	82.0	37.5	mg/Kg	☼	10/16/25 19:30	10/17/25 15:45	1
Thallium	0.080	J	0.33	0.034	mg/Kg	☼	10/16/25 19:30	10/17/25 15:45	1
Vanadium	25.9		1.6	0.17	mg/Kg	☼	10/16/25 19:30	10/17/25 15:45	1
Zinc	61.5		6.6	0.89	mg/Kg	☼	10/16/25 19:30	10/17/25 15:45	1

Method: SW846 7471B - Mercury (CVAA)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	0.028		0.018	0.0084	mg/Kg	☼	10/20/25 01:55	10/20/25 08:38	1

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Percent Moisture (EPA Moisture)	6.2		1.0	1.0	%			10/12/25 10:52	1
Percent Solids (EPA Moisture)	93.8		1.0	1.0	%			10/12/25 10:52	1

Client Sample ID: 50B_0-4
Date Collected: 10/09/25 10:35
Date Received: 10/09/25 16:58

Lab Sample ID: 460-336881-3
Matrix: Solid
Percent Solids: 93.6

Method: SW846 8270E - Semivolatile Organic Compounds (GC/MS)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1'-Biphenyl	0.35	U	0.35	0.012	mg/Kg	☼	10/11/25 07:01	10/11/25 18:19	1
1,2,4,5-Tetrachlorobenzene	0.35	U	0.35	0.011	mg/Kg	☼	10/11/25 07:01	10/11/25 18:19	1
1,4-Dioxane	0.035	U	0.035	0.031	mg/Kg	☼	10/11/25 07:01	10/11/25 18:19	1
2,2'-oxybis[1-chloropropane]	0.35	U	0.35	0.021	mg/Kg	☼	10/11/25 07:01	10/11/25 18:19	1
2,3,4,6-Tetrachlorophenol	0.35	U	0.35	0.024	mg/Kg	☼	10/11/25 07:01	10/11/25 18:19	1
2,4,5-Trichlorophenol	0.35	U	0.35	0.036	mg/Kg	☼	10/11/25 07:01	10/11/25 18:19	1
2,4,6-Trichlorophenol	0.14	U	0.14	0.045	mg/Kg	☼	10/11/25 07:01	10/11/25 18:19	1
2,4-Dichlorophenol	0.14	U	0.14	0.023	mg/Kg	☼	10/11/25 07:01	10/11/25 18:19	1
2,4-Dimethylphenol	0.35	U	0.35	0.042	mg/Kg	☼	10/11/25 07:01	10/11/25 18:19	1
2,4-Dinitrophenol	0.28	U	0.28	0.17	mg/Kg	☼	10/11/25 07:01	10/11/25 18:19	1
2,4-Dinitrotoluene	0.072	U	0.072	0.038	mg/Kg	☼	10/11/25 07:01	10/11/25 18:19	1
2,6-Dinitrotoluene	0.072	U	0.072	0.026	mg/Kg	☼	10/11/25 07:01	10/11/25 18:19	1
2-Chloronaphthalene	0.35	U	0.35	0.045	mg/Kg	☼	10/11/25 07:01	10/11/25 18:19	1
2-Chlorophenol	0.35	U	0.35	0.013	mg/Kg	☼	10/11/25 07:01	10/11/25 18:19	1
2-Methylnaphthalene	0.35	U	0.35	0.0099	mg/Kg	☼	10/11/25 07:01	10/11/25 18:19	1
2-Methylphenol	0.35	U	0.35	0.013	mg/Kg	☼	10/11/25 07:01	10/11/25 18:19	1
2-Nitroaniline	0.35	U	0.35	0.027	mg/Kg	☼	10/11/25 07:01	10/11/25 18:19	1
2-Nitrophenol	0.35	U	0.35	0.035	mg/Kg	☼	10/11/25 07:01	10/11/25 18:19	1
3 & 4 Methylphenol	0.35	U	0.35	0.022	mg/Kg	☼	10/11/25 07:01	10/11/25 18:19	1
3,3'-Dichlorobenzidine	0.14	U	0.14	0.053	mg/Kg	☼	10/11/25 07:01	10/11/25 18:19	1
3-Nitroaniline	0.35	U	0.35	0.084	mg/Kg	☼	10/11/25 07:01	10/11/25 18:19	1
4,6-Dinitro-2-methylphenol	0.28	U	0.28	0.14	mg/Kg	☼	10/11/25 07:01	10/11/25 18:19	1
4-Bromophenyl phenyl ether	0.35	U	0.35	0.014	mg/Kg	☼	10/11/25 07:01	10/11/25 18:19	1
4-Chloro-3-methylphenol	0.35	U	0.35	0.020	mg/Kg	☼	10/11/25 07:01	10/11/25 18:19	1
4-Chloroaniline	0.35	U	0.35	0.063	mg/Kg	☼	10/11/25 07:01	10/11/25 18:19	1
4-Chlorophenyl phenyl ether	0.35	U	0.35	0.012	mg/Kg	☼	10/11/25 07:01	10/11/25 18:19	1
4-Methylphenol	0.35	U	0.35	0.022	mg/Kg	☼	10/11/25 07:01	10/11/25 18:19	1
4-Nitroaniline	0.35	U	0.35	0.090	mg/Kg	☼	10/11/25 07:01	10/11/25 18:19	1
4-Nitrophenol	0.72	U	0.72	0.058	mg/Kg	☼	10/11/25 07:01	10/11/25 18:19	1
Acenaphthene	0.35	U	0.35	0.010	mg/Kg	☼	10/11/25 07:01	10/11/25 18:19	1
Acenaphthylene	0.35	U	0.35	0.010	mg/Kg	☼	10/11/25 07:01	10/11/25 18:19	1
Acetophenone	0.35	U	0.35	0.017	mg/Kg	☼	10/11/25 07:01	10/11/25 18:19	1
Anthracene	0.35	U	0.35	0.011	mg/Kg	☼	10/11/25 07:01	10/11/25 18:19	1
Atrazine	0.14	U *	0.14	0.021	mg/Kg	☼	10/11/25 07:01	10/11/25 18:19	1
Benzaldehyde	0.35	U	0.35	0.058	mg/Kg	☼	10/11/25 07:01	10/11/25 18:19	1
Benzo[a]anthracene	0.035	U	0.035	0.027	mg/Kg	☼	10/11/25 07:01	10/11/25 18:19	1
Benzo[a]pyrene	0.035	U	0.035	0.0094	mg/Kg	☼	10/11/25 07:01	10/11/25 18:19	1
Benzo[b]fluoranthene	0.035	U	0.035	0.0091	mg/Kg	☼	10/11/25 07:01	10/11/25 18:19	1
Benzo[g,h,i]perylene	**0.013**	**J**	0.35	0.010	mg/Kg	☼	10/11/25 07:01	10/11/25 18:19	1
Benzo[k]fluoranthene	0.035	U	0.035	0.0069	mg/Kg	☼	10/11/25 07:01	10/11/25 18:19	1
Bis(2-chloroethoxy)methane	0.35	U	0.35	0.065	mg/Kg	☼	10/11/25 07:01	10/11/25 18:19	1
Bis(2-chloroethyl)ether	0.035	U	0.035	0.012	mg/Kg	☼	10/11/25 07:01	10/11/25 18:19	1
Bis(2-ethylhexyl) phthalate	0.35	U	0.35	0.019	mg/Kg	☼	10/11/25 07:01	10/11/25 18:19	1
Butyl benzyl phthalate	0.35	U	0.35	0.017	mg/Kg	☼	10/11/25 07:01	10/11/25 18:19	1
Caprolactam	0.35	U *	0.35	0.055	mg/Kg	☼	10/11/25 07:01	10/11/25 18:19	1
Carbazole	0.35	U	0.35	0.013	mg/Kg	☼	10/11/25 07:01	10/11/25 18:19	1
Chrysene	0.35	U	0.35	0.015	mg/Kg	☼	10/11/25 07:01	10/11/25 18:19	1
Dibenz(a,h)anthracene	0.035	U	0.035	0.015	mg/Kg	☼	10/11/25 07:01	10/11/25 18:19	1
Dibenzofuran	0.35	U	0.35	0.012	mg/Kg	☼	10/11/25 07:01	10/11/25 18:19	1

Client Sample ID: 50B_0-4

Date Collected: 10/09/25 10:35
Date Received: 10/09/25 16:58

Lab Sample ID: 460-336881-3

Matrix: Solid
Percent Solids: 93.6

Method: SW846 8270E - Semivolatile Organic Compounds (GC/MS) (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Diethyl phthalate	0.35	U	0.35	0.011	mg/Kg	☼	10/11/25 07:01	10/11/25 18:19	1
Dimethyl phthalate	0.35	U	0.35	0.080	mg/Kg	☼	10/11/25 07:01	10/11/25 18:19	1
Di-n-butyl phthalate	0.35	U	0.35	0.013	mg/Kg	☼	10/11/25 07:01	10/11/25 18:19	1
Di-n-octyl phthalate	0.35	U	0.35	0.019	mg/Kg	☼	10/11/25 07:01	10/11/25 18:19	1
Fluoranthene	0.35	U	0.35	0.012	mg/Kg	☼	10/11/25 07:01	10/11/25 18:19	1
Fluorene	0.35	U	0.35	0.010	mg/Kg	☼	10/11/25 07:01	10/11/25 18:19	1
Hexachlorobenzene	0.035	U	0.035	0.017	mg/Kg	☼	10/11/25 07:01	10/11/25 18:19	1
Hexachlorobutadiene	0.072	U	0.072	0.0075	mg/Kg	☼	10/11/25 07:01	10/11/25 18:19	1
Hexachlorocyclopentadiene	0.35	U	0.35	0.031	mg/Kg	☼	10/11/25 07:01	10/11/25 18:19	1
Hexachloroethane	0.035	U	0.035	0.012	mg/Kg	☼	10/11/25 07:01	10/11/25 18:19	1
Indeno[1,2,3-cd]pyrene	**0.024**	**J**	0.035	0.014	mg/Kg	☼	10/11/25 07:01	10/11/25 18:19	1
Isophorone	0.14	U	0.14	0.10	mg/Kg	☼	10/11/25 07:01	10/11/25 18:19	1
Naphthalene	0.35	U	0.35	0.0061	mg/Kg	☼	10/11/25 07:01	10/11/25 18:19	1
Nitrobenzene	0.035	U	0.035	0.020	mg/Kg	☼	10/11/25 07:01	10/11/25 18:19	1
N-Nitrosodi-n-propylamine	0.035	U	0.035	0.026	mg/Kg	☼	10/11/25 07:01	10/11/25 18:19	1
N-Nitrosodiphenylamine	0.35	U	0.35	0.029	mg/Kg	☼	10/11/25 07:01	10/11/25 18:19	1
Pentachlorophenol	0.28	U	0.28	0.072	mg/Kg	☼	10/11/25 07:01	10/11/25 18:19	1
Phenanthrene	0.35	U	0.35	0.014	mg/Kg	☼	10/11/25 07:01	10/11/25 18:19	1
Phenol	0.35	U	0.35	0.013	mg/Kg	☼	10/11/25 07:01	10/11/25 18:19	1
Pyrene	0.35	U	0.35	0.0088	mg/Kg	☼	10/11/25 07:01	10/11/25 18:19	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
2,4,6-Tribromophenol (Surr)	*72*		*18 - 137*	*10/11/25 07:01*	*10/11/25 18:19*	*1*
2-Fluorobiphenyl	*63*		*33 - 117*	*10/11/25 07:01*	*10/11/25 18:19*	*1*
2-Fluorophenol (Surr)	*66*		*24 - 120*	*10/11/25 07:01*	*10/11/25 18:19*	*1*
Nitrobenzene-d5 (Surr)	*63*		*27 - 120*	*10/11/25 07:01*	*10/11/25 18:19*	*1*
Phenol-d5 (Surr)	*65*		*28 - 118*	*10/11/25 07:01*	*10/11/25 18:19*	*1*
Terphenyl-d14 (Surr)	*66*		*33 - 124*	*10/11/25 07:01*	*10/11/25 18:19*	*1*

Method: SW846 8081B - Organochlorine Pesticides (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
4,4'-DDD	0.0072	U	0.0072	0.0012	mg/Kg	☼	10/11/25 17:27	10/12/25 12:28	1
4,4'-DDE	0.0072	U	0.0072	0.00084	mg/Kg	☼	10/11/25 17:27	10/12/25 12:28	1
4,4'-DDT	0.0072	U	0.0072	0.0013	mg/Kg	☼	10/11/25 17:27	10/12/25 12:28	1
Aldrin	0.0072	U	0.0072	0.0011	mg/Kg	☼	10/11/25 17:27	10/12/25 12:28	1
alpha-BHC	0.0021	U *	0.0021	0.00073	mg/Kg	☼	10/11/25 17:27	10/12/25 12:28	1
beta-BHC	0.0021	U	0.0021	0.00080	mg/Kg	☼	10/11/25 17:27	10/12/25 12:28	1
Chlordane (technical)	0.072	U	0.072	0.017	mg/Kg	☼	10/11/25 17:27	10/12/25 12:28	1
cis-Chlordane	0.0072	U	0.0072	0.0011	mg/Kg	☼	10/11/25 17:27	10/12/25 12:28	1
delta-BHC	0.0021	U *	0.0021	0.00044	mg/Kg	☼	10/11/25 17:27	10/12/25 12:28	1
Dieldrin	0.0021	U *	0.0021	0.00093	mg/Kg	☼	10/11/25 17:27	10/12/25 12:28	1
Endosulfan I	0.0072	U	0.0072	0.0011	mg/Kg	☼	10/11/25 17:27	10/12/25 12:28	1
Endosulfan II	0.0072	U	0.0072	0.0018	mg/Kg	☼	10/11/25 17:27	10/12/25 12:28	1
Endosulfan sulfate	0.0072	U	0.0072	0.00090	mg/Kg	☼	10/11/25 17:27	10/12/25 12:28	1
Endrin	0.0072	U	0.0072	0.0010	mg/Kg	☼	10/11/25 17:27	10/12/25 12:28	1
Endrin aldehyde	0.0072	U	0.0072	0.0017	mg/Kg	☼	10/11/25 17:27	10/12/25 12:28	1
Endrin ketone	0.0072	U	0.0072	0.0014	mg/Kg	☼	10/11/25 17:27	10/12/25 12:28	1
gamma-BHC (Lindane)	0.0021	U	0.0021	0.00066	mg/Kg	☼	10/11/25 17:27	10/12/25 12:28	1
Heptachlor	0.0072	U	0.0072	0.00084	mg/Kg	☼	10/11/25 17:27	10/12/25 12:28	1
Heptachlor epoxide	0.0072	U	0.0072	0.0011	mg/Kg	☼	10/11/25 17:27	10/12/25 12:28	1

Client Sample ID: 50B_0-4
Date Collected: 10/09/25 10:35
Date Received: 10/09/25 16:58

Lab Sample ID: 460-336881-3
Matrix: Solid
Percent Solids: 93.6

Method: SW846 8081B - Organochlorine Pesticides (GC) (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Methoxychlor	0.0072	U	0.0072	0.0016	mg/Kg	☼	10/11/25 17:27	10/12/25 12:28	1
Toxaphene	0.072	U	0.072	0.026	mg/Kg	☼	10/11/25 17:27	10/12/25 12:28	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
DCB Decachlorobiphenyl	*90*		*10 - 150*	*10/11/25 17:27*	*10/12/25 12:28*	*1*
DCB Decachlorobiphenyl	*100*		*10 - 150*	*10/11/25 17:27*	*10/12/25 12:28*	*1*
Tetrachloro-m-xylene	*30*		*14 - 150*	*10/11/25 17:27*	*10/12/25 12:28*	*1*
Tetrachloro-m-xylene	*30*		*14 - 150*	*10/11/25 17:27*	*10/12/25 12:28*	*1*

Method: SW846 8082A - Polychlorinated Biphenyls (PCBs) by Gas Chromatography

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Aroclor 1016	0.072	U	0.072	0.019	mg/Kg	☼	10/11/25 17:23	10/14/25 08:15	1
Aroclor 1221	0.072	U	0.072	0.019	mg/Kg	☼	10/11/25 17:23	10/14/25 08:15	1
Aroclor 1232	0.072	U	0.072	0.019	mg/Kg	☼	10/11/25 17:23	10/14/25 08:15	1
Aroclor 1242	0.072	U	0.072	0.019	mg/Kg	☼	10/11/25 17:23	10/14/25 08:15	1
Aroclor 1248	0.072	U	0.072	0.019	mg/Kg	☼	10/11/25 17:23	10/14/25 08:15	1
Aroclor 1254	0.072	U	0.072	0.019	mg/Kg	☼	10/11/25 17:23	10/14/25 08:15	1
Aroclor 1260	0.072	U	0.072	0.019	mg/Kg	☼	10/11/25 17:23	10/14/25 08:15	1
Aroclor-1262	0.072	U	0.072	0.019	mg/Kg	☼	10/11/25 17:23	10/14/25 08:15	1
Aroclor 1268	0.072	U	0.072	0.019	mg/Kg	☼	10/11/25 17:23	10/14/25 08:15	1
Polychlorinated biphenyls, Total	0.072	U	0.072	0.019	mg/Kg	☼	10/11/25 17:23	10/14/25 08:15	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
DCB Decachlorobiphenyl	*67*		*10 - 150*	*10/11/25 17:23*	*10/14/25 08:15*	*1*
DCB Decachlorobiphenyl	*84*		*10 - 150*	*10/11/25 17:23*	*10/14/25 08:15*	*1*
Tetrachloro-m-xylene	*27*		*10 - 150*	*10/11/25 17:23*	*10/14/25 08:15*	*1*
Tetrachloro-m-xylene	*27*		*10 - 150*	*10/11/25 17:23*	*10/14/25 08:15*	*1*

Method: EPA 1633A - Per- and Polyfluoroalkyl Substances by LC/MS/MS, 1633A

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Perfluorobutanoic acid (PFBA)	0.40	U	0.40	0.099	ug/Kg	☼	10/15/25 16:06	10/17/25 05:31	1
Perfluoropentanoic acid (PFPeA)	0.20	U	0.20	0.099	ug/Kg	☼	10/15/25 16:06	10/17/25 05:31	1
Perfluorohexanoic acid (PFHxA)	**0.11**	**J**	0.20	0.099	ug/Kg	☼	10/15/25 16:06	10/17/25 05:31	1
Perfluoroheptanoic acid (PFHpA)	0.20	U	0.20	0.099	ug/Kg	☼	10/15/25 16:06	10/17/25 05:31	1
Perfluorooctanoic acid (PFOA)	**0.15**	**J**	0.20	0.060	ug/Kg	☼	10/15/25 16:06	10/17/25 05:31	1
Perfluorononanoic acid (PFNA)	**0.41**		0.20	0.099	ug/Kg	☼	10/15/25 16:06	10/17/25 05:31	1
Perfluorodecanoic acid (PFDA)	**0.31**		0.20	0.060	ug/Kg	☼	10/15/25 16:06	10/17/25 05:31	1
Perfluoroundecanoic acid (PFUnA)	**4.20**		0.20	0.099	ug/Kg	☼	10/15/25 16:06	10/17/25 05:31	1
Perfluorododecanoic acid (PFDoA)	**0.49**		0.20	0.099	ug/Kg	☼	10/15/25 16:06	10/17/25 05:31	1
Perfluorotridecanoic acid (PFTrDA)	0.20	U	0.20	0.099	ug/Kg	☼	10/15/25 16:06	10/17/25 05:31	1
Perfluorotetradecanoic acid (PFTeDA)	0.20	U	0.20	0.099	ug/Kg	☼	10/15/25 16:06	10/17/25 05:31	1
Perfluorobutanesulfonic acid (PFBS)	0.20	U	0.20	0.099	ug/Kg	☼	10/15/25 16:06	10/17/25 05:31	1
Perfluoropentanesulfonic acid (PFPeS)	0.20	U	0.20	0.099	ug/Kg	☼	10/15/25 16:06	10/17/25 05:31	1
Perfluorohexanesulfonic acid (PFHxS)	0.20	U	0.20	0.099	ug/Kg	☼	10/15/25 16:06	10/17/25 05:31	1
Perfluoroheptanesulfonic acid (PFHpS)	0.20	U	0.20	0.099	ug/Kg	☼	10/15/25 16:06	10/17/25 05:31	1
Perfluorooctanesulfonic acid (PFOS)	0.20	U	0.20	0.099	ug/Kg	☼	10/15/25 16:06	10/17/25 05:31	1
Perfluorononanesulfonic acid (PFNS)	0.20	U	0.20	0.099	ug/Kg	☼	10/15/25 16:06	10/17/25 05:31	1

Client Sample ID: 50B_0-4
Date Collected: 10/09/25 10:35
Date Received: 10/09/25 16:58

Lab Sample ID: 460-336881-3
Matrix: Solid
Percent Solids: 93.6

Method: EPA 1633A - Per- and Polyfluoroalkyl Substances by LC/MS/MS, 1633A (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Perfluorodecanesulfonic acid (PFDS)	0.20	U	0.20	0.099	ug/Kg	☼	10/15/25 16:06	10/17/25 05:31	1
Perfluorododecanesulfonic acid (PFDoS)	0.20	U	0.20	0.099	ug/Kg	☼	10/15/25 16:06	10/17/25 05:31	1
1H,1H,2H,2H-Perfluorohexane sulfonic acid (4:2 FTS)	0.40	U	0.40	0.20	ug/Kg	☼	10/15/25 16:06	10/17/25 05:31	1
1H,1H,2H,2H-Perfluorooctane sulfonic acid (6:2 FTS)	**0.44**		0.40	0.20	ug/Kg	☼	10/15/25 16:06	10/17/25 05:31	1
1H,1H,2H,2H-Perfluorodecane sulfonic acid (8:2 FTS)	**1.19**		0.40	0.20	ug/Kg	☼	10/15/25 16:06	10/17/25 05:31	1
Perfluorooctanesulfonamide (PFOSA)	0.20	U	0.20	0.099	ug/Kg	☼	10/15/25 16:06	10/17/25 05:31	1
N-methylperfluorooctane sulfonamide (NMeFOSA)	0.20	U	0.20	0.099	ug/Kg	☼	10/15/25 16:06	10/17/25 05:31	1
N-ethylperfluorooctane sulfonamide (NEtFOSA)	0.20	U	0.20	0.099	ug/Kg	☼	10/15/25 16:06	10/17/25 05:31	1
N-methylperfluorooctanesulfonamidoacetic acid (NMeFOSAA)	0.20	U	0.20	0.099	ug/Kg	☼	10/15/25 16:06	10/17/25 05:31	1
N-ethylperfluorooctanesulfonamidoacetic acid (NEtFOSAA)	0.20	U	0.20	0.099	ug/Kg	☼	10/15/25 16:06	10/17/25 05:31	1
N-methylperfluorooctane sulfonamidoethanol (NMeFOSE)	0.99	U	0.99	0.50	ug/Kg	☼	10/15/25 16:06	10/17/25 05:31	1
N-ethylperfluorooctane sulfonamidoethanol (NEtFOSE)	0.99	U	0.99	0.50	ug/Kg	☼	10/15/25 16:06	10/17/25 05:31	1
Hexafluoropropylene Oxide Dimer Acid (HFPO-DA)	0.20	U	0.20	0.099	ug/Kg	☼	10/15/25 16:06	10/17/25 05:31	1
4,8-Dioxa-3H-perfluorononanoic acid (ADONA)	0.20	U	0.20	0.099	ug/Kg	☼	10/15/25 16:06	10/17/25 05:31	1
Perfluoro-3-methoxypropanoic acid (PFMPA)	0.20	U	0.20	0.099	ug/Kg	☼	10/15/25 16:06	10/17/25 05:31	1
Perfluoro-4-methoxybutanoic acid (PFMBA)	0.20	U	0.20	0.099	ug/Kg	☼	10/15/25 16:06	10/17/25 05:31	1
Nonafluoro-3,6-dioxaheptanoic acid (NFDHA)	0.20	U	0.20	0.099	ug/Kg	☼	10/15/25 16:06	10/17/25 05:31	1
9-Chlorohexadecafluoro-3-oxanonane-1-sulfonic acid (9Cl-PF3ONS)	0.20	U	0.20	0.099	ug/Kg	☼	10/15/25 16:06	10/17/25 05:31	1
11-Chloroeicosafluoro-3-oxaundecane-1-sulfonic acid (11Cl-PF3OUdS)	0.20	U	0.20	0.099	ug/Kg	☼	10/15/25 16:06	10/17/25 05:31	1
Perfluoro (2-ethoxyethane) sulfonic acid (PFEESA)	0.20	U	0.20	0.099	ug/Kg	☼	10/15/25 16:06	10/17/25 05:31	1
3-Perfluoropropylpropanoic acid (3:3 FTCA)	0.40	U	0.40	0.20	ug/Kg	☼	10/15/25 16:06	10/17/25 05:31	1
3-Perfluoropentylpropanoic acid (5:3 FTCA)	0.99	U	0.99	0.50	ug/Kg	☼	10/15/25 16:06	10/17/25 05:31	1
3-Perfluoroheptylpropanoic acid (7:3 FTCA)	0.99	U	0.99	0.50	ug/Kg	☼	10/15/25 16:06	10/17/25 05:31	1

Isotope Dilution	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
13C4 PFBA	*80.3*		*8 - 130*	*10/15/25 16:06*	*10/17/25 05:31*	*1*
13C5 PFPeA	*77.8*		*35 - 130*	*10/15/25 16:06*	*10/17/25 05:31*	*1*
13C5 PFHxA	*83.2*		*40 - 130*	*10/15/25 16:06*	*10/17/25 05:31*	*1*
13C4 PFHpA	*81.8*		*40 - 130*	*10/15/25 16:06*	*10/17/25 05:31*	*1*
13C8 PFOA	*82.3*		*40 - 130*	*10/15/25 16:06*	*10/17/25 05:31*	*1*
13C9 PFNA	*88.4*		*40 - 130*	*10/15/25 16:06*	*10/17/25 05:31*	*1*
13C6 PFDA	*83.4*		*40 - 130*	*10/15/25 16:06*	*10/17/25 05:31*	*1*
13C7 PFUnA	*82.7*		*40 - 130*	*10/15/25 16:06*	*10/17/25 05:31*	*1*
13C2 PFTeDA	*71.6*		*20 - 130*	*10/15/25 16:06*	*10/17/25 05:31*	*1*

Client Sample ID: 50B_0-4
Date Collected: 10/09/25 10:35
Date Received: 10/09/25 16:58

Lab Sample ID: 460-336881-3
Matrix: Solid
Percent Solids: 93.6

Method: EPA 1633A - Per- and Polyfluoroalkyl Substances by LC/MS/MS, 1633A (Continued)

Isotope Dilution	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
13C3 PFBS	81.4		40 - 135	10/15/25 16:06	10/17/25 05:31	1
13C3 PFHxS	81.5		40 - 130	10/15/25 16:06	10/17/25 05:31	1
13C8 PFOS	80.0		40 - 130	10/15/25 16:06	10/17/25 05:31	1
13C8 FOSA	74.4		40 - 130	10/15/25 16:06	10/17/25 05:31	1
d3-NMeFOSAA	83.6		40 - 135	10/15/25 16:06	10/17/25 05:31	1
d5-NEtFOSAA	93.0		40 - 150	10/15/25 16:06	10/17/25 05:31	1
13C2 4:2 FTS	184	*	40 - 165	10/15/25 16:06	10/17/25 05:31	1
13C2 6:2 FTS	195		40 - 215	10/15/25 16:06	10/17/25 05:31	1
13C2 8:2 FTS	163		40 - 275	10/15/25 16:06	10/17/25 05:31	1
13C3 HFPO-DA	72.8		40 - 130	10/15/25 16:06	10/17/25 05:31	1
d7-N-MeFOSE-M	48.9		20 - 130	10/15/25 16:06	10/17/25 05:31	1
d9-N-EtFOSE-M	40.1		15 - 130	10/15/25 16:06	10/17/25 05:31	1
d5-NEtPFOSA	65.5		10 - 130	10/15/25 16:06	10/17/25 05:31	1
d3-NMePFOSA	70.5		10 - 130	10/15/25 16:06	10/17/25 05:31	1
13C2 PFDoA	78.1		40 - 130	10/15/25 16:06	10/17/25 05:31	1

Method: SW846 6020B - Metals (ICP/MS)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Aluminum	5670		16.2	4.4	mg/Kg	☼	10/16/25 19:30	10/17/25 15:55	1
Antimony	2.3		0.81	0.12	mg/Kg	☼	10/16/25 19:30	10/17/25 15:55	1
Arsenic	7.2		0.81	0.083	mg/Kg	☼	10/16/25 19:30	10/17/25 15:55	1
Barium	35.5		1.6	0.12	mg/Kg	☼	10/16/25 19:30	10/17/25 15:55	1
Beryllium	0.65		0.32	0.018	mg/Kg	☼	10/16/25 19:30	10/17/25 15:55	1
Cadmium	0.30	J	0.81	0.091	mg/Kg	☼	10/16/25 19:30	10/17/25 15:55	1
Calcium	678		81.0	7.9	mg/Kg	☼	10/16/25 19:30	10/17/25 15:55	1
Chromium	16.0		1.6	0.24	mg/Kg	☼	10/16/25 19:30	10/17/25 15:55	1
Cobalt	5.2		0.81	0.12	mg/Kg	☼	10/16/25 19:30	10/17/25 15:55	1
Copper	56.7		1.6	0.30	mg/Kg	☼	10/16/25 19:30	10/17/25 15:55	1
Iron	17400		48.6	6.2	mg/Kg	☼	10/16/25 19:30	10/17/25 15:55	1
Lead	128		0.49	0.16	mg/Kg	☼	10/16/25 19:30	10/17/25 15:55	1
Magnesium	1340		81.0	8.3	mg/Kg	☼	10/16/25 19:30	10/17/25 15:55	1
Manganese	176		3.2	0.33	mg/Kg	☼	10/16/25 19:30	10/17/25 15:55	1
Nickel	18.9		1.6	0.14	mg/Kg	☼	10/16/25 19:30	10/17/25 15:55	1
Potassium	1050		81.0	13.1	mg/Kg	☼	10/16/25 19:30	10/17/25 15:55	1
Selenium	0.44	J	1.0	0.10	mg/Kg	☼	10/16/25 19:30	10/17/25 15:55	1
Silver	0.22	J	0.32	0.072	mg/Kg	☼	10/16/25 19:30	10/17/25 15:55	1
Sodium	64.9	J	81.0	37.0	mg/Kg	☼	10/16/25 19:30	10/17/25 15:55	1
Thallium	0.063	J	0.32	0.033	mg/Kg	☼	10/16/25 19:30	10/17/25 15:55	1
Vanadium	25.0		1.6	0.17	mg/Kg	☼	10/16/25 19:30	10/17/25 15:55	1
Zinc	191		6.5	0.88	mg/Kg	☼	10/16/25 19:30	10/17/25 15:55	1

Method: SW846 7471B - Mercury (CVAA)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	0.025		0.016	0.0077	mg/Kg	☼	10/20/25 01:55	10/20/25 08:46	1

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Percent Moisture (EPA Moisture)	6.4		1.0	1.0	%			10/12/25 10:52	1
Percent Solids (EPA Moisture)	93.6		1.0	1.0	%			10/12/25 10:52	1

Client: Haley & Aldrich, Inc.
Project/Site: Former Port Mobil

Job ID: 460-336881-1

Client Sample ID: 50B_4-8
Date Collected: 10/09/25 10:40
Date Received: 10/09/25 16:58

Lab Sample ID: 460-336881-4
Matrix: Solid
Percent Solids: 92.9

Method: SW846 8270E - Semivolatile Organic Compounds (GC/MS)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1'-Biphenyl	0.35	U	0.35	0.012	mg/Kg	☼	10/11/25 07:01	10/11/25 18:36	1
1,2,4,5-Tetrachlorobenzene	0.35	U	0.35	0.011	mg/Kg	☼	10/11/25 07:01	10/11/25 18:36	1
1,4-Dioxane	0.035	U	0.035	0.031	mg/Kg	☼	10/11/25 07:01	10/11/25 18:36	1
2,2'-oxybis[1-chloropropane]	0.35	U	0.35	0.021	mg/Kg	☼	10/11/25 07:01	10/11/25 18:36	1
2,3,4,6-Tetrachlorophenol	0.35	U	0.35	0.024	mg/Kg	☼	10/11/25 07:01	10/11/25 18:36	1
2,4,5-Trichlorophenol	0.35	U	0.35	0.036	mg/Kg	☼	10/11/25 07:01	10/11/25 18:36	1
2,4,6-Trichlorophenol	0.14	U	0.14	0.045	mg/Kg	☼	10/11/25 07:01	10/11/25 18:36	1
2,4-Dichlorophenol	0.14	U	0.14	0.023	mg/Kg	☼	10/11/25 07:01	10/11/25 18:36	1
2,4-Dimethylphenol	0.35	U	0.35	0.042	mg/Kg	☼	10/11/25 07:01	10/11/25 18:36	1
2,4-Dinitrophenol	0.28	U	0.28	0.17	mg/Kg	☼	10/11/25 07:01	10/11/25 18:36	1
2,4-Dinitrotoluene	0.072	U	0.072	0.038	mg/Kg	☼	10/11/25 07:01	10/11/25 18:36	1
2,6-Dinitrotoluene	0.072	U	0.072	0.026	mg/Kg	☼	10/11/25 07:01	10/11/25 18:36	1
2-Chloronaphthalene	0.35	U	0.35	0.046	mg/Kg	☼	10/11/25 07:01	10/11/25 18:36	1
2-Chlorophenol	0.35	U	0.35	0.013	mg/Kg	☼	10/11/25 07:01	10/11/25 18:36	1
2-Methylnaphthalene	0.35	U	0.35	0.0099	mg/Kg	☼	10/11/25 07:01	10/11/25 18:36	1
2-Methylphenol	0.35	U	0.35	0.013	mg/Kg	☼	10/11/25 07:01	10/11/25 18:36	1
2-Nitroaniline	0.35	U	0.35	0.027	mg/Kg	☼	10/11/25 07:01	10/11/25 18:36	1
2-Nitrophenol	0.35	U	0.35	0.035	mg/Kg	☼	10/11/25 07:01	10/11/25 18:36	1
3 & 4 Methylphenol	0.35	U	0.35	0.022	mg/Kg	☼	10/11/25 07:01	10/11/25 18:36	1
3,3'-Dichlorobenzidine	0.14	U	0.14	0.054	mg/Kg	☼	10/11/25 07:01	10/11/25 18:36	1
3-Nitroaniline	0.35	U	0.35	0.084	mg/Kg	☼	10/11/25 07:01	10/11/25 18:36	1
4,6-Dinitro-2-methylphenol	0.28	U	0.28	0.14	mg/Kg	☼	10/11/25 07:01	10/11/25 18:36	1
4-Bromophenyl phenyl ether	0.35	U	0.35	0.014	mg/Kg	☼	10/11/25 07:01	10/11/25 18:36	1
4-Chloro-3-methylphenol	0.35	U	0.35	0.020	mg/Kg	☼	10/11/25 07:01	10/11/25 18:36	1
4-Chloroaniline	0.35	U	0.35	0.063	mg/Kg	☼	10/11/25 07:01	10/11/25 18:36	1
4-Chlorophenyl phenyl ether	0.35	U	0.35	0.013	mg/Kg	☼	10/11/25 07:01	10/11/25 18:36	1
4-Methylphenol	0.35	U	0.35	0.022	mg/Kg	☼	10/11/25 07:01	10/11/25 18:36	1
4-Nitroaniline	0.35	U	0.35	0.090	mg/Kg	☼	10/11/25 07:01	10/11/25 18:36	1
4-Nitrophenol	0.72	U	0.72	0.058	mg/Kg	☼	10/11/25 07:01	10/11/25 18:36	1
Acenaphthene	0.35	U	0.35	0.010	mg/Kg	☼	10/11/25 07:01	10/11/25 18:36	1
Acenaphthylene	0.35	U	0.35	0.010	mg/Kg	☼	10/11/25 07:01	10/11/25 18:36	1
Acetophenone	0.35	U	0.35	0.017	mg/Kg	☼	10/11/25 07:01	10/11/25 18:36	1
Anthracene	0.35	U	0.35	0.011	mg/Kg	☼	10/11/25 07:01	10/11/25 18:36	1
Atrazine	0.14	U *	0.14	0.021	mg/Kg	☼	10/11/25 07:01	10/11/25 18:36	1
Benzaldehyde	0.35	U	0.35	0.059	mg/Kg	☼	10/11/25 07:01	10/11/25 18:36	1
Benzo[a]anthracene	0.035	U	0.035	0.027	mg/Kg	☼	10/11/25 07:01	10/11/25 18:36	1
Benzo[a]pyrene	0.035	U	0.035	0.0094	mg/Kg	☼	10/11/25 07:01	10/11/25 18:36	1
Benzo[b]fluoranthene	0.035	U	0.035	0.0092	mg/Kg	☼	10/11/25 07:01	10/11/25 18:36	1
Benzo[g,h,i]perylene	0.35	U	0.35	0.010	mg/Kg	☼	10/11/25 07:01	10/11/25 18:36	1
Benzo[k]fluoranthene	0.035	U	0.035	0.0070	mg/Kg	☼	10/11/25 07:01	10/11/25 18:36	1
Bis(2-chloroethoxy)methane	0.35	U	0.35	0.065	mg/Kg	☼	10/11/25 07:01	10/11/25 18:36	1
Bis(2-chloroethyl)ether	0.035	U	0.035	0.012	mg/Kg	☼	10/11/25 07:01	10/11/25 18:36	1
Bis(2-ethylhexyl) phthalate	0.35	U	0.35	0.019	mg/Kg	☼	10/11/25 07:01	10/11/25 18:36	1
Butyl benzyl phthalate	0.35	U	0.35	0.017	mg/Kg	☼	10/11/25 07:01	10/11/25 18:36	1
Caprolactam	0.35	U *	0.35	0.055	mg/Kg	☼	10/11/25 07:01	10/11/25 18:36	1
Carbazole	0.35	U	0.35	0.013	mg/Kg	☼	10/11/25 07:01	10/11/25 18:36	1
Chrysene	0.35	U	0.35	0.015	mg/Kg	☼	10/11/25 07:01	10/11/25 18:36	1
Dibenz(a,h)anthracene	0.035	U	0.035	0.015	mg/Kg	☼	10/11/25 07:01	10/11/25 18:36	1
Dibenzofuran	0.35	U	0.35	0.012	mg/Kg	☼	10/11/25 07:01	10/11/25 18:36	1

Client Sample ID: 50B_4-8
Date Collected: 10/09/25 10:40
Date Received: 10/09/25 16:58

Lab Sample ID: 460-336881-4
Matrix: Solid
Percent Solids: 92.9

Method: SW846 8270E - Semivolatile Organic Compounds (GC/MS) (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Diethyl phthalate	0.35	U	0.35	0.011	mg/Kg	☼	10/11/25 07:01	10/11/25 18:36	1
Dimethyl phthalate	0.35	U	0.35	0.081	mg/Kg	☼	10/11/25 07:01	10/11/25 18:36	1
Di-n-butyl phthalate	0.35	U	0.35	0.013	mg/Kg	☼	10/11/25 07:01	10/11/25 18:36	1
Di-n-octyl phthalate	0.35	U	0.35	0.019	mg/Kg	☼	10/11/25 07:01	10/11/25 18:36	1
Fluoranthene	0.35	U	0.35	0.012	mg/Kg	☼	10/11/25 07:01	10/11/25 18:36	1
Fluorene	0.35	U	0.35	0.010	mg/Kg	☼	10/11/25 07:01	10/11/25 18:36	1
Hexachlorobenzene	0.035	U	0.035	0.017	mg/Kg	☼	10/11/25 07:01	10/11/25 18:36	1
Hexachlorobutadiene	0.072	U	0.072	0.0075	mg/Kg	☼	10/11/25 07:01	10/11/25 18:36	1
Hexachlorocyclopentadiene	0.35	U	0.35	0.031	mg/Kg	☼	10/11/25 07:01	10/11/25 18:36	1
Hexachloroethane	0.035	U	0.035	0.012	mg/Kg	☼	10/11/25 07:01	10/11/25 18:36	1
Indeno[1,2,3-cd]pyrene	0.035	U	0.035	0.014	mg/Kg	☼	10/11/25 07:01	10/11/25 18:36	1
Isophorone	0.14	U	0.14	0.10	mg/Kg	☼	10/11/25 07:01	10/11/25 18:36	1
Naphthalene	0.35	U	0.35	0.0061	mg/Kg	☼	10/11/25 07:01	10/11/25 18:36	1
Nitrobenzene	0.035	U	0.035	0.020	mg/Kg	☼	10/11/25 07:01	10/11/25 18:36	1
N-Nitrosodi-n-propylamine	0.035	U	0.035	0.026	mg/Kg	☼	10/11/25 07:01	10/11/25 18:36	1
N-Nitrosodiphenylamine	0.35	U	0.35	0.029	mg/Kg	☼	10/11/25 07:01	10/11/25 18:36	1
Pentachlorophenol	0.28	U	0.28	0.073	mg/Kg	☼	10/11/25 07:01	10/11/25 18:36	1
Phenanthrene	0.35	U	0.35	0.014	mg/Kg	☼	10/11/25 07:01	10/11/25 18:36	1
Phenol	0.35	U	0.35	0.013	mg/Kg	☼	10/11/25 07:01	10/11/25 18:36	1
Pyrene	0.35	U	0.35	0.0088	mg/Kg	☼	10/11/25 07:01	10/11/25 18:36	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
2,4,6-Tribromophenol (Surr)	*72*		*18 - 137*	*10/11/25 07:01*	*10/11/25 18:36*	*1*
2-Fluorobiphenyl	*64*		*33 - 117*	*10/11/25 07:01*	*10/11/25 18:36*	*1*
2-Fluorophenol (Surr)	*70*		*24 - 120*	*10/11/25 07:01*	*10/11/25 18:36*	*1*
Nitrobenzene-d5 (Surr)	*66*		*27 - 120*	*10/11/25 07:01*	*10/11/25 18:36*	*1*
Phenol-d5 (Surr)	*66*		*28 - 118*	*10/11/25 07:01*	*10/11/25 18:36*	*1*
Terphenyl-d14 (Surr)	*68*		*33 - 124*	*10/11/25 07:01*	*10/11/25 18:36*	*1*

Method: SW846 8081B - Organochlorine Pesticides (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
4,4'-DDD	0.0072	U	0.0072	0.0012	mg/Kg	☼	10/11/25 17:27	10/12/25 12:41	1
4,4'-DDE	0.0072	U	0.0072	0.00085	mg/Kg	☼	10/11/25 17:27	10/12/25 12:41	1
4,4'-DDT	0.0072	U	0.0072	0.0013	mg/Kg	☼	10/11/25 17:27	10/12/25 12:41	1
Aldrin	0.0072	U	0.0072	0.0011	mg/Kg	☼	10/11/25 17:27	10/12/25 12:41	1
alpha-BHC	0.0022	U *	0.0022	0.00073	mg/Kg	☼	10/11/25 17:27	10/12/25 12:41	1
beta-BHC	0.0022	U	0.0022	0.00081	mg/Kg	☼	10/11/25 17:27	10/12/25 12:41	1
Chlordane (technical)	0.072	U	0.072	0.017	mg/Kg	☼	10/11/25 17:27	10/12/25 12:41	1
cis-Chlordane	0.0072	U	0.0072	0.0011	mg/Kg	☼	10/11/25 17:27	10/12/25 12:41	1
delta-BHC	0.0022	U *	0.0022	0.00044	mg/Kg	☼	10/11/25 17:27	10/12/25 12:41	1
Dieldrin	0.0022	U *	0.0022	0.00094	mg/Kg	☼	10/11/25 17:27	10/12/25 12:41	1
Endosulfan I	0.0072	U	0.0072	0.0011	mg/Kg	☼	10/11/25 17:27	10/12/25 12:41	1
Endosulfan II	0.0072	U	0.0072	0.0019	mg/Kg	☼	10/11/25 17:27	10/12/25 12:41	1
Endosulfan sulfate	0.0072	U	0.0072	0.00090	mg/Kg	☼	10/11/25 17:27	10/12/25 12:41	1
Endrin	0.0072	U	0.0072	0.0010	mg/Kg	☼	10/11/25 17:27	10/12/25 12:41	1
Endrin aldehyde	0.0072	U	0.0072	0.0017	mg/Kg	☼	10/11/25 17:27	10/12/25 12:41	1
Endrin ketone	0.0072	U	0.0072	0.0014	mg/Kg	☼	10/11/25 17:27	10/12/25 12:41	1
gamma-BHC (Lindane)	0.0022	U	0.0022	0.00067	mg/Kg	☼	10/11/25 17:27	10/12/25 12:41	1
Heptachlor	0.0072	U	0.0072	0.00085	mg/Kg	☼	10/11/25 17:27	10/12/25 12:41	1
Heptachlor epoxide	0.0072	U	0.0072	0.0011	mg/Kg	☼	10/11/25 17:27	10/12/25 12:41	1

Client Sample ID: 50B_4-8
Date Collected: 10/09/25 10:40
Date Received: 10/09/25 16:58

Lab Sample ID: 460-336881-4
Matrix: Solid
Percent Solids: 92.9

Method: SW846 8081B - Organochlorine Pesticides (GC) (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Methoxychlor	0.0072	U	0.0072	0.0016	mg/Kg	☼	10/11/25 17:27	10/12/25 12:41	1
Toxaphene	0.072	U	0.072	0.026	mg/Kg	☼	10/11/25 17:27	10/12/25 12:41	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
DCB Decachlorobiphenyl	*72*		*10 - 150*	*10/11/25 17:27*	*10/12/25 12:41*	*1*
DCB Decachlorobiphenyl	*86*		*10 - 150*	*10/11/25 17:27*	*10/12/25 12:41*	*1*
Tetrachloro-m-xylene	*35*		*14 - 150*	*10/11/25 17:27*	*10/12/25 12:41*	*1*
Tetrachloro-m-xylene	*36*		*14 - 150*	*10/11/25 17:27*	*10/12/25 12:41*	*1*

Method: SW846 8082A - Polychlorinated Biphenyls (PCBs) by Gas Chromatography

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Aroclor 1016	0.072	U	0.072	0.019	mg/Kg	☼	10/11/25 17:23	10/14/25 08:33	1
Aroclor 1221	0.072	U	0.072	0.019	mg/Kg	☼	10/11/25 17:23	10/14/25 08:33	1
Aroclor 1232	0.072	U	0.072	0.019	mg/Kg	☼	10/11/25 17:23	10/14/25 08:33	1
Aroclor 1242	0.072	U	0.072	0.019	mg/Kg	☼	10/11/25 17:23	10/14/25 08:33	1
Aroclor 1248	0.072	U	0.072	0.019	mg/Kg	☼	10/11/25 17:23	10/14/25 08:33	1
Aroclor 1254	0.072	U	0.072	0.019	mg/Kg	☼	10/11/25 17:23	10/14/25 08:33	1
Aroclor 1260	0.072	U	0.072	0.019	mg/Kg	☼	10/11/25 17:23	10/14/25 08:33	1
Aroclor-1262	0.072	U	0.072	0.019	mg/Kg	☼	10/11/25 17:23	10/14/25 08:33	1
Aroclor 1268	0.072	U	0.072	0.019	mg/Kg	☼	10/11/25 17:23	10/14/25 08:33	1
Polychlorinated biphenyls, Total	0.072	U	0.072	0.019	mg/Kg	☼	10/11/25 17:23	10/14/25 08:33	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
DCB Decachlorobiphenyl	*59*		*10 - 150*	*10/11/25 17:23*	*10/14/25 08:33*	*1*
DCB Decachlorobiphenyl	*76*		*10 - 150*	*10/11/25 17:23*	*10/14/25 08:33*	*1*
Tetrachloro-m-xylene	*32*		*10 - 150*	*10/11/25 17:23*	*10/14/25 08:33*	*1*
Tetrachloro-m-xylene	*34*		*10 - 150*	*10/11/25 17:23*	*10/14/25 08:33*	*1*

Method: EPA 1633A - Per- and Polyfluoroalkyl Substances by LC/MS/MS, 1633A

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Perfluorobutanoic acid (PFBA)	0.39	U	0.39	0.098	ug/Kg	☼	10/15/25 16:06	10/17/25 05:44	1
Perfluoropentanoic acid (PFPeA)	0.20	U	0.20	0.098	ug/Kg	☼	10/15/25 16:06	10/17/25 05:44	1
Perfluorohexanoic acid (PFHxA)	0.20	U	0.20	0.098	ug/Kg	☼	10/15/25 16:06	10/17/25 05:44	1
Perfluoroheptanoic acid (PFHpA)	0.20	U	0.20	0.098	ug/Kg	☼	10/15/25 16:06	10/17/25 05:44	1
Perfluorooctanoic acid (PFOA)	0.20	U	0.20	0.059	ug/Kg	☼	10/15/25 16:06	10/17/25 05:44	1
Perfluorononanoic acid (PFNA)	**0.16**	**J**	0.20	0.098	ug/Kg	☼	10/15/25 16:06	10/17/25 05:44	1
Perfluorodecanoic acid (PFDA)	**0.12**	**J**	0.20	0.059	ug/Kg	☼	10/15/25 16:06	10/17/25 05:44	1
Perfluoroundecanoic acid (PFUnA)	**1.01**		0.20	0.098	ug/Kg	☼	10/15/25 16:06	10/17/25 05:44	1
Perfluorododecanoic acid (PFDoA)	0.20	U	0.20	0.098	ug/Kg	☼	10/15/25 16:06	10/17/25 05:44	1
Perfluorotridecanoic acid (PFTrDA)	0.20	U	0.20	0.098	ug/Kg	☼	10/15/25 16:06	10/17/25 05:44	1
Perfluorotetradecanoic acid (PFTeDA)	0.20	U	0.20	0.098	ug/Kg	☼	10/15/25 16:06	10/17/25 05:44	1
Perfluorobutanesulfonic acid (PFBS)	0.20	U	0.20	0.098	ug/Kg	☼	10/15/25 16:06	10/17/25 05:44	1
Perfluoropentanesulfonic acid (PFPeS)	0.20	U	0.20	0.098	ug/Kg	☼	10/15/25 16:06	10/17/25 05:44	1
Perfluorohexanesulfonic acid (PFHxS)	0.20	U	0.20	0.098	ug/Kg	☼	10/15/25 16:06	10/17/25 05:44	1
Perfluoroheptanesulfonic acid (PFHpS)	0.20	U	0.20	0.098	ug/Kg	☼	10/15/25 16:06	10/17/25 05:44	1
Perfluorooctanesulfonic acid (PFOS)	0.20	U	0.20	0.098	ug/Kg	☼	10/15/25 16:06	10/17/25 05:44	1
Perfluorononanesulfonic acid (PFNS)	0.20	U	0.20	0.098	ug/Kg	☼	10/15/25 16:06	10/17/25 05:44	1
Perfluorodecanesulfonic acid (PFDS)	0.20	U	0.20	0.098	ug/Kg	☼	10/15/25 16:06	10/17/25 05:44	1

Client Sample ID: 50B_4-8
Date Collected: 10/09/25 10:40
Date Received: 10/09/25 16:58

Lab Sample ID: 460-336881-4
Matrix: Solid
Percent Solids: 92.9

Method: EPA 1633A - Per- and Polyfluoroalkyl Substances by LC/MS/MS, 1633A (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Perfluorododecanesulfonic acid (PFDoS)	0.20	U	0.20	0.098	ug/Kg	☼	10/15/25 16:06	10/17/25 05:44	1
1H,1H,2H,2H-Perfluorohexane sulfonic acid (4:2 FTS)	0.39	U	0.39	0.20	ug/Kg	☼	10/15/25 16:06	10/17/25 05:44	1
1H,1H,2H,2H-Perfluorooctane sulfonic acid (6:2 FTS)	0.39	U	0.39	0.20	ug/Kg	☼	10/15/25 16:06	10/17/25 05:44	1
1H,1H,2H,2H-Perfluorodecane sulfonic acid (8:2 FTS)	0.39	U	0.39	0.20	ug/Kg	☼	10/15/25 16:06	10/17/25 05:44	1
Perfluorooctanesulfonamide (PFOSA)	0.20	U	0.20	0.098	ug/Kg	☼	10/15/25 16:06	10/17/25 05:44	1
N-methylperfluorooctane sulfonamide (NMeFOSA)	0.20	U	0.20	0.098	ug/Kg	☼	10/15/25 16:06	10/17/25 05:44	1
N-ethylperfluorooctane sulfonamide (NEtFOSA)	0.20	U	0.20	0.098	ug/Kg	☼	10/15/25 16:06	10/17/25 05:44	1
N-methylperfluorooctanesulfonamidoacetic acid (NMeFOSAA)	0.20	U	0.20	0.098	ug/Kg	☼	10/15/25 16:06	10/17/25 05:44	1
N-ethylperfluorooctanesulfonamidoacetic acid (NEtFOSAA)	0.20	U	0.20	0.098	ug/Kg	☼	10/15/25 16:06	10/17/25 05:44	1
N-methylperfluorooctane sulfonamidoethanol (NMeFOSE)	0.98	U	0.98	0.49	ug/Kg	☼	10/15/25 16:06	10/17/25 05:44	1
N-ethylperfluorooctane sulfonamidoethanol (NEtFOSE)	0.98	U	0.98	0.49	ug/Kg	☼	10/15/25 16:06	10/17/25 05:44	1
Hexafluoropropylene Oxide Dimer Acid (HFPO-DA)	0.20	U	0.20	0.098	ug/Kg	☼	10/15/25 16:06	10/17/25 05:44	1
4,8-Dioxa-3H-perfluorononanoic acid (ADONA)	0.20	U	0.20	0.098	ug/Kg	☼	10/15/25 16:06	10/17/25 05:44	1
Perfluoro-3-methoxypropanoic acid (PFMPA)	0.20	U	0.20	0.098	ug/Kg	☼	10/15/25 16:06	10/17/25 05:44	1
Perfluoro-4-methoxybutanoic acid (PFMBA)	0.20	U	0.20	0.098	ug/Kg	☼	10/15/25 16:06	10/17/25 05:44	1
Nonafluoro-3,6-dioxaheptanoic acid (NFDHA)	0.20	U	0.20	0.098	ug/Kg	☼	10/15/25 16:06	10/17/25 05:44	1
9-Chlorohexadecafluoro-3-oxanonane-1-sulfonic acid (9Cl-PF3ONS)	0.20	U	0.20	0.098	ug/Kg	☼	10/15/25 16:06	10/17/25 05:44	1
11-Chloroeicosafluoro-3-oxaundecane-1-sulfonic acid (11Cl-PF3OUdS)	0.20	U	0.20	0.098	ug/Kg	☼	10/15/25 16:06	10/17/25 05:44	1
Perfluoro (2-ethoxyethane) sulfonic acid (PFEESA)	0.20	U	0.20	0.098	ug/Kg	☼	10/15/25 16:06	10/17/25 05:44	1
3-Perfluoropropylpropanoic acid (3:3 FTCA)	0.39	U	0.39	0.20	ug/Kg	☼	10/15/25 16:06	10/17/25 05:44	1
3-Perfluoropentylpropanoic acid (5:3 FTCA)	0.98	U	0.98	0.49	ug/Kg	☼	10/15/25 16:06	10/17/25 05:44	1
3-Perfluoroheptylpropanoic acid (7:3 FTCA)	0.98	U	0.98	0.49	ug/Kg	☼	10/15/25 16:06	10/17/25 05:44	1

Isotope Dilution	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
13C4 PFBA	*76.5*		*8 - 130*	*10/15/25 16:06*	*10/17/25 05:44*	*1*
13C5 PFPeA	*73.5*		*35 - 130*	*10/15/25 16:06*	*10/17/25 05:44*	*1*
13C5 PFHxA	*73.7*		*40 - 130*	*10/15/25 16:06*	*10/17/25 05:44*	*1*
13C4 PFHpA	*76.8*		*40 - 130*	*10/15/25 16:06*	*10/17/25 05:44*	*1*
13C8 PFOA	*74.9*		*40 - 130*	*10/15/25 16:06*	*10/17/25 05:44*	*1*
13C9 PFNA	*79.1*		*40 - 130*	*10/15/25 16:06*	*10/17/25 05:44*	*1*
13C6 PFDA	*74.7*		*40 - 130*	*10/15/25 16:06*	*10/17/25 05:44*	*1*
13C7 PFUnA	*72.8*		*40 - 130*	*10/15/25 16:06*	*10/17/25 05:44*	*1*
13C2 PFTeDA	*67.8*		*20 - 130*	*10/15/25 16:06*	*10/17/25 05:44*	*1*
13C3 PFBS	*74.3*		*40 - 135*	*10/15/25 16:06*	*10/17/25 05:44*	*1*

Client Sample ID: 50B_4-8

Date Collected: 10/09/25 10:40
Date Received: 10/09/25 16:58

Lab Sample ID: 460-336881-4

Matrix: Solid
Percent Solids: 92.9

Method: EPA 1633A - Per- and Polyfluoroalkyl Substances by LC/MS/MS, 1633A (Continued)

Isotope Dilution	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
13C3 PFHxS	78.3		40 - 130	10/15/25 16:06	10/17/25 05:44	1
13C8 PFOS	74.9		40 - 130	10/15/25 16:06	10/17/25 05:44	1
13C8 FOSA	69.6		40 - 130	10/15/25 16:06	10/17/25 05:44	1
d3-NMeFOSAA	76.4		40 - 135	10/15/25 16:06	10/17/25 05:44	1
d5-NEtFOSAA	81.6		40 - 150	10/15/25 16:06	10/17/25 05:44	1
13C2 4:2 FTS	150		40 - 165	10/15/25 16:06	10/17/25 05:44	1
13C2 6:2 FTS	176		40 - 215	10/15/25 16:06	10/17/25 05:44	1
13C2 8:2 FTS	157		40 - 275	10/15/25 16:06	10/17/25 05:44	1
13C3 HFPO-DA	69.4		40 - 130	10/15/25 16:06	10/17/25 05:44	1
d7-N-MeFOSE-M	62.4		20 - 130	10/15/25 16:06	10/17/25 05:44	1
d9-N-EtFOSE-M	51.6		15 - 130	10/15/25 16:06	10/17/25 05:44	1
d5-NEtPFOSA	64.2		10 - 130	10/15/25 16:06	10/17/25 05:44	1
d3-NMePFOSA	65.3		10 - 130	10/15/25 16:06	10/17/25 05:44	1
13C2 PFDoA	69.6		40 - 130	10/15/25 16:06	10/17/25 05:44	1

Method: SW846 6020B - Metals (ICP/MS)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Aluminum	5650		16.0	4.4	mg/Kg	☼	10/16/25 19:30	10/17/25 15:58	1
Antimony	1.4		0.80	0.12	mg/Kg	☼	10/16/25 19:30	10/17/25 15:58	1
Arsenic	5.2		0.80	0.082	mg/Kg	☼	10/16/25 19:30	10/17/25 15:58	1
Barium	33.8		1.6	0.12	mg/Kg	☼	10/16/25 19:30	10/17/25 15:58	1
Beryllium	0.46		0.32	0.018	mg/Kg	☼	10/16/25 19:30	10/17/25 15:58	1
Cadmium	0.097	J	0.80	0.090	mg/Kg	☼	10/16/25 19:30	10/17/25 15:58	1
Calcium	610		79.8	7.8	mg/Kg	☼	10/16/25 19:30	10/17/25 15:58	1
Chromium	13.3		1.6	0.24	mg/Kg	☼	10/16/25 19:30	10/17/25 15:58	1
Cobalt	4.9		0.80	0.12	mg/Kg	☼	10/16/25 19:30	10/17/25 15:58	1
Copper	28.2		1.6	0.29	mg/Kg	☼	10/16/25 19:30	10/17/25 15:58	1
Iron	15900		47.9	6.1	mg/Kg	☼	10/16/25 19:30	10/17/25 15:58	1
Lead	45.3		0.48	0.16	mg/Kg	☼	10/16/25 19:30	10/17/25 15:58	1
Magnesium	1370		79.8	8.1	mg/Kg	☼	10/16/25 19:30	10/17/25 15:58	1
Manganese	365		3.2	0.32	mg/Kg	☼	10/16/25 19:30	10/17/25 15:58	1
Nickel	9.6		1.6	0.14	mg/Kg	☼	10/16/25 19:30	10/17/25 15:58	1
Potassium	863		79.8	12.9	mg/Kg	☼	10/16/25 19:30	10/17/25 15:58	1
Selenium	0.31	J	1.0	0.10	mg/Kg	☼	10/16/25 19:30	10/17/25 15:58	1
Silver	0.13	J	0.32	0.071	mg/Kg	☼	10/16/25 19:30	10/17/25 15:58	1
Sodium	53.8	J	79.8	36.5	mg/Kg	☼	10/16/25 19:30	10/17/25 15:58	1
Thallium	0.067	J	0.32	0.033	mg/Kg	☼	10/16/25 19:30	10/17/25 15:58	1
Vanadium	21.9		1.6	0.16	mg/Kg	☼	10/16/25 19:30	10/17/25 15:58	1
Zinc	52.9		6.4	0.87	mg/Kg	☼	10/16/25 19:30	10/17/25 15:58	1

Method: SW846 7471B - Mercury (CVAA)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	0.016	J	0.018	0.0086	mg/Kg	☼	10/20/25 01:55	10/20/25 08:49	1

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Percent Moisture (EPA Moisture)	7.1		1.0	1.0	%			10/12/25 10:53	1
Percent Solids (EPA Moisture)	92.9		1.0	1.0	%			10/12/25 10:53	1

Client Sample ID: 50C_0-4
Date Collected: 10/09/25 10:45
Date Received: 10/09/25 16:58

Lab Sample ID: 460-336881-5
Matrix: Solid
Percent Solids: 95.9

Method: SW846 8270E - Semivolatile Organic Compounds (GC/MS)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1'-Biphenyl	0.34	U	0.34	0.012	mg/Kg	☼	10/11/25 07:01	10/11/25 18:54	1
1,2,4,5-Tetrachlorobenzene	0.34	U	0.34	0.011	mg/Kg	☼	10/11/25 07:01	10/11/25 18:54	1
1,4-Dioxane	0.034	U	0.034	0.030	mg/Kg	☼	10/11/25 07:01	10/11/25 18:54	1
2,2'-oxybis[1-chloropropane]	0.34	U	0.34	0.021	mg/Kg	☼	10/11/25 07:01	10/11/25 18:54	1
2,3,4,6-Tetrachlorophenol	0.34	U	0.34	0.023	mg/Kg	☼	10/11/25 07:01	10/11/25 18:54	1
2,4,5-Trichlorophenol	0.34	U	0.34	0.035	mg/Kg	☼	10/11/25 07:01	10/11/25 18:54	1
2,4,6-Trichlorophenol	0.14	U	0.14	0.044	mg/Kg	☼	10/11/25 07:01	10/11/25 18:54	1
2,4-Dichlorophenol	0.14	U	0.14	0.022	mg/Kg	☼	10/11/25 07:01	10/11/25 18:54	1
2,4-Dimethylphenol	0.34	U	0.34	0.041	mg/Kg	☼	10/11/25 07:01	10/11/25 18:54	1
2,4-Dinitrophenol	0.28	U	0.28	0.17	mg/Kg	☼	10/11/25 07:01	10/11/25 18:54	1
2,4-Dinitrotoluene	0.070	U	0.070	0.037	mg/Kg	☼	10/11/25 07:01	10/11/25 18:54	1
2,6-Dinitrotoluene	0.070	U	0.070	0.025	mg/Kg	☼	10/11/25 07:01	10/11/25 18:54	1
2-Chloronaphthalene	0.34	U	0.34	0.044	mg/Kg	☼	10/11/25 07:01	10/11/25 18:54	1
2-Chlorophenol	0.34	U	0.34	0.012	mg/Kg	☼	10/11/25 07:01	10/11/25 18:54	1
2-Methylnaphthalene	0.34	U	0.34	0.0096	mg/Kg	☼	10/11/25 07:01	10/11/25 18:54	1
2-Methylphenol	0.34	U	0.34	0.013	mg/Kg	☼	10/11/25 07:01	10/11/25 18:54	1
2-Nitroaniline	0.34	U	0.34	0.026	mg/Kg	☼	10/11/25 07:01	10/11/25 18:54	1
2-Nitrophenol	0.34	U	0.34	0.035	mg/Kg	☼	10/11/25 07:01	10/11/25 18:54	1
3 & 4 Methylphenol	0.34	U	0.34	0.022	mg/Kg	☼	10/11/25 07:01	10/11/25 18:54	1
3,3'-Dichlorobenzidine	0.14	U	0.14	0.052	mg/Kg	☼	10/11/25 07:01	10/11/25 18:54	1
3-Nitroaniline	0.34	U	0.34	0.082	mg/Kg	☼	10/11/25 07:01	10/11/25 18:54	1
4,6-Dinitro-2-methylphenol	0.28	U	0.28	0.14	mg/Kg	☼	10/11/25 07:01	10/11/25 18:54	1
4-Bromophenyl phenyl ether	0.34	U	0.34	0.014	mg/Kg	☼	10/11/25 07:01	10/11/25 18:54	1
4-Chloro-3-methylphenol	0.34	U	0.34	0.019	mg/Kg	☼	10/11/25 07:01	10/11/25 18:54	1
4-Chloroaniline	0.34	U	0.34	0.061	mg/Kg	☼	10/11/25 07:01	10/11/25 18:54	1
4-Chlorophenyl phenyl ether	0.34	U	0.34	0.012	mg/Kg	☼	10/11/25 07:01	10/11/25 18:54	1
4-Methylphenol	0.34	U	0.34	0.022	mg/Kg	☼	10/11/25 07:01	10/11/25 18:54	1
4-Nitroaniline	0.34	U	0.34	0.087	mg/Kg	☼	10/11/25 07:01	10/11/25 18:54	1
4-Nitrophenol	0.70	U	0.70	0.056	mg/Kg	☼	10/11/25 07:01	10/11/25 18:54	1
Acenaphthene	0.34	U	0.34	0.0098	mg/Kg	☼	10/11/25 07:01	10/11/25 18:54	1
Acenaphthylene	0.34	U	0.34	0.0099	mg/Kg	☼	10/11/25 07:01	10/11/25 18:54	1
Acetophenone	0.34	U	0.34	0.017	mg/Kg	☼	10/11/25 07:01	10/11/25 18:54	1
Anthracene	0.34	U	0.34	0.010	mg/Kg	☼	10/11/25 07:01	10/11/25 18:54	1
Atrazine	0.14	U *	0.14	0.020	mg/Kg	☼	10/11/25 07:01	10/11/25 18:54	1
Benzaldehyde	0.34	U	0.34	0.057	mg/Kg	☼	10/11/25 07:01	10/11/25 18:54	1
Benzo[a]anthracene	0.034	U	0.034	0.026	mg/Kg	☼	10/11/25 07:01	10/11/25 18:54	1
Benzo[a]pyrene	**0.046**		0.034	0.0092	mg/Kg	☼	10/11/25 07:01	10/11/25 18:54	1
Benzo[b]fluoranthene	**0.036**		0.034	0.0089	mg/Kg	☼	10/11/25 07:01	10/11/25 18:54	1
Benzo[g,h,i]perylene	**0.098**	**J**	0.34	0.010	mg/Kg	☼	10/11/25 07:01	10/11/25 18:54	1
Benzo[k]fluoranthene	**0.014**	**J**	0.034	0.0068	mg/Kg	☼	10/11/25 07:01	10/11/25 18:54	1
Bis(2-chloroethoxy)methane	0.34	U	0.34	0.064	mg/Kg	☼	10/11/25 07:01	10/11/25 18:54	1
Bis(2-chloroethyl)ether	0.034	U	0.034	0.012	mg/Kg	☼	10/11/25 07:01	10/11/25 18:54	1
Bis(2-ethylhexyl) phthalate	0.34	U	0.34	0.018	mg/Kg	☼	10/11/25 07:01	10/11/25 18:54	1
Butyl benzyl phthalate	0.34	U	0.34	0.016	mg/Kg	☼	10/11/25 07:01	10/11/25 18:54	1
Caprolactam	0.34	U *	0.34	0.054	mg/Kg	☼	10/11/25 07:01	10/11/25 18:54	1
Carbazole	0.34	U	0.34	0.013	mg/Kg	☼	10/11/25 07:01	10/11/25 18:54	1
Chrysene	**0.025**	**J**	0.34	0.014	mg/Kg	☼	10/11/25 07:01	10/11/25 18:54	1
Dibenz(a,h)anthracene	0.034	U	0.034	0.015	mg/Kg	☼	10/11/25 07:01	10/11/25 18:54	1
Dibenzofuran	0.34	U	0.34	0.012	mg/Kg	☼	10/11/25 07:01	10/11/25 18:54	1

Client Sample ID: 50C_0-4
Date Collected: 10/09/25 10:45
Date Received: 10/09/25 16:58

Lab Sample ID: 460-336881-5
Matrix: Solid
Percent Solids: 95.9

Method: SW846 8270E - Semivolatile Organic Compounds (GC/MS) (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Diethyl phthalate	0.34	U	0.34	0.011	mg/Kg	☼	10/11/25 07:01	10/11/25 18:54	1
Dimethyl phthalate	0.34	U	0.34	0.078	mg/Kg	☼	10/11/25 07:01	10/11/25 18:54	1
Di-n-butyl phthalate	0.34	U	0.34	0.013	mg/Kg	☼	10/11/25 07:01	10/11/25 18:54	1
Di-n-octyl phthalate	0.34	U	0.34	0.018	mg/Kg	☼	10/11/25 07:01	10/11/25 18:54	1
Fluoranthene	**0.039**	**J**	0.34	0.012	mg/Kg	☼	10/11/25 07:01	10/11/25 18:54	1
Fluorene	0.34	U	0.34	0.010	mg/Kg	☼	10/11/25 07:01	10/11/25 18:54	1
Hexachlorobenzene	0.034	U	0.034	0.016	mg/Kg	☼	10/11/25 07:01	10/11/25 18:54	1
Hexachlorobutadiene	0.070	U	0.070	0.0073	mg/Kg	☼	10/11/25 07:01	10/11/25 18:54	1
Hexachlorocyclopentadiene	0.34	U	0.34	0.030	mg/Kg	☼	10/11/25 07:01	10/11/25 18:54	1
Hexachloroethane	0.034	U	0.034	0.012	mg/Kg	☼	10/11/25 07:01	10/11/25 18:54	1
Indeno[1,2,3-cd]pyrene	**0.054**		0.034	0.013	mg/Kg	☼	10/11/25 07:01	10/11/25 18:54	1
Isophorone	0.14	U	0.14	0.10	mg/Kg	☼	10/11/25 07:01	10/11/25 18:54	1
Naphthalene	0.34	U	0.34	0.0060	mg/Kg	☼	10/11/25 07:01	10/11/25 18:54	1
Nitrobenzene	0.034	U	0.034	0.019	mg/Kg	☼	10/11/25 07:01	10/11/25 18:54	1
N-Nitrosodi-n-propylamine	0.034	U	0.034	0.025	mg/Kg	☼	10/11/25 07:01	10/11/25 18:54	1
N-Nitrosodiphenylamine	0.34	U	0.34	0.028	mg/Kg	☼	10/11/25 07:01	10/11/25 18:54	1
Pentachlorophenol	0.28	U	0.28	0.071	mg/Kg	☼	10/11/25 07:01	10/11/25 18:54	1
Phenanthrene	**0.019**	**J**	0.34	0.014	mg/Kg	☼	10/11/25 07:01	10/11/25 18:54	1
Phenol	0.34	U	0.34	0.013	mg/Kg	☼	10/11/25 07:01	10/11/25 18:54	1
Pyrene	**0.062**	**J**	0.34	0.0086	mg/Kg	☼	10/11/25 07:01	10/11/25 18:54	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
2,4,6-Tribromophenol (Surr)	*74*		*18 - 137*	*10/11/25 07:01*	*10/11/25 18:54*	*1*
2-Fluorobiphenyl	*65*		*33 - 117*	*10/11/25 07:01*	*10/11/25 18:54*	*1*
2-Fluorophenol (Surr)	*68*		*24 - 120*	*10/11/25 07:01*	*10/11/25 18:54*	*1*
Nitrobenzene-d5 (Surr)	*65*		*27 - 120*	*10/11/25 07:01*	*10/11/25 18:54*	*1*
Phenol-d5 (Surr)	*66*		*28 - 118*	*10/11/25 07:01*	*10/11/25 18:54*	*1*
Terphenyl-d14 (Surr)	*70*		*33 - 124*	*10/11/25 07:01*	*10/11/25 18:54*	*1*

Method: SW846 8081B - Organochlorine Pesticides (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
4,4'-DDD	0.0070	U	0.0070	0.0012	mg/Kg	☼	10/11/25 17:27	10/12/25 12:53	1
4,4'-DDE	0.0070	U	0.0070	0.00082	mg/Kg	☼	10/11/25 17:27	10/12/25 12:53	1
4,4'-DDT	0.0070	U	0.0070	0.0013	mg/Kg	☼	10/11/25 17:27	10/12/25 12:53	1
Aldrin	0.0070	U	0.0070	0.0011	mg/Kg	☼	10/11/25 17:27	10/12/25 12:53	1
alpha-BHC	0.0021	U *	0.0021	0.00071	mg/Kg	☼	10/11/25 17:27	10/12/25 12:53	1
beta-BHC	0.0021	U	0.0021	0.00078	mg/Kg	☼	10/11/25 17:27	10/12/25 12:53	1
Chlordane (technical)	0.070	U	0.070	0.017	mg/Kg	☼	10/11/25 17:27	10/12/25 12:53	1
cis-Chlordane	0.0070	U	0.0070	0.0011	mg/Kg	☼	10/11/25 17:27	10/12/25 12:53	1
delta-BHC	0.0021	U *	0.0021	0.00043	mg/Kg	☼	10/11/25 17:27	10/12/25 12:53	1
Dieldrin	0.0021	U *	0.0021	0.00091	mg/Kg	☼	10/11/25 17:27	10/12/25 12:53	1
Endosulfan I	0.0070	U	0.0070	0.0011	mg/Kg	☼	10/11/25 17:27	10/12/25 12:53	1
Endosulfan II	0.0070	U	0.0070	0.0018	mg/Kg	☼	10/11/25 17:27	10/12/25 12:53	1
Endosulfan sulfate	0.0070	U	0.0070	0.00088	mg/Kg	☼	10/11/25 17:27	10/12/25 12:53	1
Endrin	0.0070	U	0.0070	0.0010	mg/Kg	☼	10/11/25 17:27	10/12/25 12:53	1
Endrin aldehyde	0.0070	U	0.0070	0.0016	mg/Kg	☼	10/11/25 17:27	10/12/25 12:53	1
Endrin ketone	0.0070	U	0.0070	0.0014	mg/Kg	☼	10/11/25 17:27	10/12/25 12:53	1
gamma-BHC (Lindane)	0.0021	U	0.0021	0.00065	mg/Kg	☼	10/11/25 17:27	10/12/25 12:53	1
Heptachlor	0.0070	U	0.0070	0.00082	mg/Kg	☼	10/11/25 17:27	10/12/25 12:53	1
Heptachlor epoxide	0.0070	U	0.0070	0.0010	mg/Kg	☼	10/11/25 17:27	10/12/25 12:53	1

Client Sample ID: 50C_0-4
Date Collected: 10/09/25 10:45
Date Received: 10/09/25 16:58

Lab Sample ID: 460-336881-5
Matrix: Solid
Percent Solids: 95.9

Method: SW846 8081B - Organochlorine Pesticides (GC) (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Methoxychlor	0.0070	U	0.0070	0.0016	mg/Kg	☼	10/11/25 17:27	10/12/25 12:53	1
Toxaphene	0.070	U	0.070	0.025	mg/Kg	☼	10/11/25 17:27	10/12/25 12:53	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
DCB Decachlorobiphenyl	*76*		*10 - 150*	*10/11/25 17:27*	*10/12/25 12:53*	*1*
DCB Decachlorobiphenyl	*88*		*10 - 150*	*10/11/25 17:27*	*10/12/25 12:53*	*1*
Tetrachloro-m-xylene	*34*		*14 - 150*	*10/11/25 17:27*	*10/12/25 12:53*	*1*
Tetrachloro-m-xylene	*35*		*14 - 150*	*10/11/25 17:27*	*10/12/25 12:53*	*1*

Method: SW846 8082A - Polychlorinated Biphenyls (PCBs) by Gas Chromatography

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Aroclor 1016	0.070	U	0.070	0.019	mg/Kg	☼	10/11/25 17:23	10/14/25 08:50	1
Aroclor 1221	0.070	U	0.070	0.019	mg/Kg	☼	10/11/25 17:23	10/14/25 08:50	1
Aroclor 1232	0.070	U	0.070	0.019	mg/Kg	☼	10/11/25 17:23	10/14/25 08:50	1
Aroclor 1242	0.070	U	0.070	0.019	mg/Kg	☼	10/11/25 17:23	10/14/25 08:50	1
Aroclor 1248	0.070	U	0.070	0.019	mg/Kg	☼	10/11/25 17:23	10/14/25 08:50	1
Aroclor 1254	0.070	U	0.070	0.019	mg/Kg	☼	10/11/25 17:23	10/14/25 08:50	1
Aroclor 1260	0.070	U	0.070	0.019	mg/Kg	☼	10/11/25 17:23	10/14/25 08:50	1
Aroclor-1262	0.070	U	0.070	0.019	mg/Kg	☼	10/11/25 17:23	10/14/25 08:50	1
Aroclor 1268	0.070	U	0.070	0.019	mg/Kg	☼	10/11/25 17:23	10/14/25 08:50	1
Polychlorinated biphenyls, Total	0.070	U	0.070	0.019	mg/Kg	☼	10/11/25 17:23	10/14/25 08:50	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
DCB Decachlorobiphenyl	*64*		*10 - 150*	*10/11/25 17:23*	*10/14/25 08:50*	*1*
DCB Decachlorobiphenyl	*81*		*10 - 150*	*10/11/25 17:23*	*10/14/25 08:50*	*1*
Tetrachloro-m-xylene	*31*		*10 - 150*	*10/11/25 17:23*	*10/14/25 08:50*	*1*
Tetrachloro-m-xylene	*33*		*10 - 150*	*10/11/25 17:23*	*10/14/25 08:50*	*1*

Method: EPA 1633A - Per- and Polyfluoroalkyl Substances by LC/MS/MS, 1633A

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Perfluorobutanoic acid (PFBA)	0.39	U	0.39	0.097	ug/Kg	☼	10/15/25 16:06	10/17/25 05:58	1
Perfluoropentanoic acid (PFPeA)	0.19	U	0.19	0.097	ug/Kg	☼	10/15/25 16:06	10/17/25 05:58	1
Perfluorohexanoic acid (PFHxA)	0.19	U	0.19	0.097	ug/Kg	☼	10/15/25 16:06	10/17/25 05:58	1
Perfluoroheptanoic acid (PFHpA)	0.19	U	0.19	0.097	ug/Kg	☼	10/15/25 16:06	10/17/25 05:58	1
Perfluorooctanoic acid (PFOA)	**0.15**	**J**	0.19	0.058	ug/Kg	☼	10/15/25 16:06	10/17/25 05:58	1
Perfluorononanoic acid (PFNA)	**1.17**		0.19	0.097	ug/Kg	☼	10/15/25 16:06	10/17/25 05:58	1
Perfluorodecanoic acid (PFDA)	0.19	U	0.19	0.058	ug/Kg	☼	10/15/25 16:06	10/17/25 05:58	1
Perfluoroundecanoic acid (PFUnA)	**5.15**		0.19	0.097	ug/Kg	☼	10/15/25 16:06	10/17/25 05:58	1
Perfluorododecanoic acid (PFDoA)	0.19	U	0.19	0.097	ug/Kg	☼	10/15/25 16:06	10/17/25 05:58	1
Perfluorotridecanoic acid (PFTrDA)	**2.67**		0.19	0.097	ug/Kg	☼	10/15/25 16:06	10/17/25 05:58	1
Perfluorotetradecanoic acid (PFTeDA)	**0.13**	**J**	0.19	0.097	ug/Kg	☼	10/15/25 16:06	10/17/25 05:58	1
Perfluorobutanesulfonic acid (PFBS)	0.19	U	0.19	0.097	ug/Kg	☼	10/15/25 16:06	10/17/25 05:58	1
Perfluoropentanesulfonic acid (PFPeS)	0.19	U	0.19	0.097	ug/Kg	☼	10/15/25 16:06	10/17/25 05:58	1
Perfluorohexanesulfonic acid (PFHxS)	0.19	U	0.19	0.097	ug/Kg	☼	10/15/25 16:06	10/17/25 05:58	1
Perfluoroheptanesulfonic acid (PFHpS)	0.19	U	0.19	0.097	ug/Kg	☼	10/15/25 16:06	10/17/25 05:58	1
Perfluorooctanesulfonic acid (PFOS)	0.19	U	0.19	0.097	ug/Kg	☼	10/15/25 16:06	10/17/25 05:58	1
Perfluorononanesulfonic acid (PFNS)	0.19	U	0.19	0.097	ug/Kg	☼	10/15/25 16:06	10/17/25 05:58	1

Client Sample ID: 50C_0-4
Date Collected: 10/09/25 10:45
Date Received: 10/09/25 16:58

Lab Sample ID: 460-336881-5
Matrix: Solid
Percent Solids: 95.9

Method: EPA 1633A - Per- and Polyfluoroalkyl Substances by LC/MS/MS, 1633A (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Perfluorodecanesulfonic acid (PFDS)	0.19	U	0.19	0.097	ug/Kg	☼	10/15/25 16:06	10/17/25 05:58	1
Perfluorododecanesulfonic acid (PFDoS)	0.19	U	0.19	0.097	ug/Kg	☼	10/15/25 16:06	10/17/25 05:58	1
1H,1H,2H,2H-Perfluorohexane sulfonic acid (4:2 FTS)	0.39	U	0.39	0.19	ug/Kg	☼	10/15/25 16:06	10/17/25 05:58	1
1H,1H,2H,2H-Perfluorooctane sulfonic acid (6:2 FTS)	0.39	U	0.39	0.19	ug/Kg	☼	10/15/25 16:06	10/17/25 05:58	1
1H,1H,2H,2H-Perfluorodecane sulfonic acid (8:2 FTS)	**0.35**	**J**	0.39	0.19	ug/Kg	☼	10/15/25 16:06	10/17/25 05:58	1
Perfluorooctanesulfonamide (PFOSA)	0.19	U	0.19	0.097	ug/Kg	☼	10/15/25 16:06	10/17/25 05:58	1
N-methylperfluorooctane sulfonamide (NMeFOSA)	0.19	U	0.19	0.097	ug/Kg	☼	10/15/25 16:06	10/17/25 05:58	1
N-ethylperfluorooctane sulfonamide (NEtFOSA)	0.19	U	0.19	0.097	ug/Kg	☼	10/15/25 16:06	10/17/25 05:58	1
N-methylperfluorooctanesulfonamidoacetic acid (NMeFOSAA)	0.19	U	0.19	0.097	ug/Kg	☼	10/15/25 16:06	10/17/25 05:58	1
N-ethylperfluorooctanesulfonamidoacetic acid (NEtFOSAA)	0.19	U	0.19	0.097	ug/Kg	☼	10/15/25 16:06	10/17/25 05:58	1
N-methylperfluorooctane sulfonamidoethanol (NMeFOSE)	0.97	U	0.97	0.49	ug/Kg	☼	10/15/25 16:06	10/17/25 05:58	1
N-ethylperfluorooctane sulfonamidoethanol (NEtFOSE)	0.97	U	0.97	0.49	ug/Kg	☼	10/15/25 16:06	10/17/25 05:58	1
Hexafluoropropylene Oxide Dimer Acid (HFPO-DA)	0.19	U	0.19	0.097	ug/Kg	☼	10/15/25 16:06	10/17/25 05:58	1
4,8-Dioxa-3H-perfluorononanoic acid (ADONA)	0.19	U	0.19	0.097	ug/Kg	☼	10/15/25 16:06	10/17/25 05:58	1
Perfluoro-3-methoxypropanoic acid (PFMPA)	0.19	U	0.19	0.097	ug/Kg	☼	10/15/25 16:06	10/17/25 05:58	1
Perfluoro-4-methoxybutanoic acid (PFMBA)	0.19	U	0.19	0.097	ug/Kg	☼	10/15/25 16:06	10/17/25 05:58	1
Nonafluoro-3,6-dioxaheptanoic acid (NFDHA)	0.19	U	0.19	0.097	ug/Kg	☼	10/15/25 16:06	10/17/25 05:58	1
9-Chlorohexadecafluoro-3-oxanonane-1-sulfonic acid (9Cl-PF3ONS)	0.19	U	0.19	0.097	ug/Kg	☼	10/15/25 16:06	10/17/25 05:58	1
11-Chloroeicosafluoro-3-oxaundecane-1-sulfonic acid (11Cl-PF3OUdS)	0.19	U	0.19	0.097	ug/Kg	☼	10/15/25 16:06	10/17/25 05:58	1
Perfluoro (2-ethoxyethane) sulfonic acid (PFEESA)	0.19	U	0.19	0.097	ug/Kg	☼	10/15/25 16:06	10/17/25 05:58	1
3-Perfluoropropylpropanoic acid (3:3 FTCA)	0.39	U	0.39	0.19	ug/Kg	☼	10/15/25 16:06	10/17/25 05:58	1
3-Perfluoropentylpropanoic acid (5:3 FTCA)	0.97	U	0.97	0.49	ug/Kg	☼	10/15/25 16:06	10/17/25 05:58	1
3-Perfluoroheptylpropanoic acid (7:3 FTCA)	0.97	U	0.97	0.49	ug/Kg	☼	10/15/25 16:06	10/17/25 05:58	1

Isotope Dilution	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
13C4 PFBA	*74.7*		*8 - 130*	*10/15/25 16:06*	*10/17/25 05:58*	*1*
13C5 PFPeA	*71.5*		*35 - 130*	*10/15/25 16:06*	*10/17/25 05:58*	*1*
13C5 PFHxA	*70.5*		*40 - 130*	*10/15/25 16:06*	*10/17/25 05:58*	*1*
13C4 PFHpA	*75.7*		*40 - 130*	*10/15/25 16:06*	*10/17/25 05:58*	*1*
13C8 PFOA	*72.1*		*40 - 130*	*10/15/25 16:06*	*10/17/25 05:58*	*1*
13C9 PFNA	*76.0*		*40 - 130*	*10/15/25 16:06*	*10/17/25 05:58*	*1*
13C6 PFDA	*76.5*		*40 - 130*	*10/15/25 16:06*	*10/17/25 05:58*	*1*
13C7 PFUnA	*77.1*		*40 - 130*	*10/15/25 16:06*	*10/17/25 05:58*	*1*
13C2 PFTeDA	*67.2*		*20 - 130*	*10/15/25 16:06*	*10/17/25 05:58*	*1*

Client Sample ID: 50C_0-4

Date Collected: 10/09/25 10:45
Date Received: 10/09/25 16:58

Lab Sample ID: 460-336881-5

Matrix: Solid
Percent Solids: 95.9

Method: EPA 1633A - Per- and Polyfluoroalkyl Substances by LC/MS/MS, 1633A (Continued)

Isotope Dilution	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
13C3 PFBS	72.2		40 - 135	10/15/25 16:06	10/17/25 05:58	1
13C3 PFHxS	70.8		40 - 130	10/15/25 16:06	10/17/25 05:58	1
13C8 PFOS	74.2		40 - 130	10/15/25 16:06	10/17/25 05:58	1
13C8 FOSA	63.4		40 - 130	10/15/25 16:06	10/17/25 05:58	1
d3-NMeFOSAA	75.2		40 - 135	10/15/25 16:06	10/17/25 05:58	1
d5-NEtFOSAA	86.4		40 - 150	10/15/25 16:06	10/17/25 05:58	1
13C2 4:2 FTS	137		40 - 165	10/15/25 16:06	10/17/25 05:58	1
13C2 6:2 FTS	143		40 - 215	10/15/25 16:06	10/17/25 05:58	1
13C2 8:2 FTS	116		40 - 275	10/15/25 16:06	10/17/25 05:58	1
13C3 HFPO-DA	68.1		40 - 130	10/15/25 16:06	10/17/25 05:58	1
d7-N-MeFOSE-M	52.8		20 - 130	10/15/25 16:06	10/17/25 05:58	1
d9-N-EtFOSE-M	45.1		15 - 130	10/15/25 16:06	10/17/25 05:58	1
d5-NEtPFOSA	63.7		10 - 130	10/15/25 16:06	10/17/25 05:58	1
d3-NMePFOSA	66.4		10 - 130	10/15/25 16:06	10/17/25 05:58	1
13C2 PFDoA	70.8		40 - 130	10/15/25 16:06	10/17/25 05:58	1

Method: SW846 6020B - Metals (ICP/MS)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Aluminum	5280		16.5	4.5	mg/Kg	☼	10/16/25 19:30	10/17/25 16:01	1
Antimony	2.3		0.83	0.12	mg/Kg	☼	10/16/25 19:30	10/17/25 16:01	1
Arsenic	7.5		0.83	0.085	mg/Kg	☼	10/16/25 19:30	10/17/25 16:01	1
Barium	37.5		1.7	0.12	mg/Kg	☼	10/16/25 19:30	10/17/25 16:01	1
Beryllium	1.1		0.33	0.018	mg/Kg	☼	10/16/25 19:30	10/17/25 16:01	1
Cadmium	0.22	J	0.83	0.094	mg/Kg	☼	10/16/25 19:30	10/17/25 16:01	1
Calcium	982		82.7	8.1	mg/Kg	☼	10/16/25 19:30	10/17/25 16:01	1
Chromium	22.1		1.7	0.25	mg/Kg	☼	10/16/25 19:30	10/17/25 16:01	1
Cobalt	5.3		0.83	0.12	mg/Kg	☼	10/16/25 19:30	10/17/25 16:01	1
Copper	65.4		1.7	0.30	mg/Kg	☼	10/16/25 19:30	10/17/25 16:01	1
Iron	17500		49.6	6.3	mg/Kg	☼	10/16/25 19:30	10/17/25 16:01	1
Lead	137		0.50	0.17	mg/Kg	☼	10/16/25 19:30	10/17/25 16:01	1
Magnesium	1370		82.7	8.4	mg/Kg	☼	10/16/25 19:30	10/17/25 16:01	1
Manganese	115		3.3	0.33	mg/Kg	☼	10/16/25 19:30	10/17/25 16:01	1
Nickel	23.2		1.7	0.15	mg/Kg	☼	10/16/25 19:30	10/17/25 16:01	1
Potassium	1110		82.7	13.4	mg/Kg	☼	10/16/25 19:30	10/17/25 16:01	1
Selenium	0.39	J	1.0	0.11	mg/Kg	☼	10/16/25 19:30	10/17/25 16:01	1
Silver	0.23	J	0.33	0.074	mg/Kg	☼	10/16/25 19:30	10/17/25 16:01	1
Sodium	80.3	J	82.7	37.8	mg/Kg	☼	10/16/25 19:30	10/17/25 16:01	1
Thallium	0.058	J	0.33	0.034	mg/Kg	☼	10/16/25 19:30	10/17/25 16:01	1
Vanadium	23.3		1.7	0.17	mg/Kg	☼	10/16/25 19:30	10/17/25 16:01	1
Zinc	224		6.6	0.90	mg/Kg	☼	10/16/25 19:30	10/17/25 16:01	1

Method: SW846 7471B - Mercury (CVAA)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	0.021		0.016	0.0077	mg/Kg	☼	10/20/25 01:55	10/20/25 08:52	1

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Percent Moisture (EPA Moisture)	4.1		1.0	1.0	%			10/12/25 10:53	1
Percent Solids (EPA Moisture)	95.9		1.0	1.0	%			10/12/25 10:53	1

Client: Haley & Aldrich, Inc.
Project/Site: Former Port Mobil

Job ID: 460-336881-1

Client Sample ID: 50C_4-8
Date Collected: 10/09/25 10:50
Date Received: 10/09/25 16:58

Lab Sample ID: 460-336881-6
Matrix: Solid
Percent Solids: 93.8

Method: SW846 8270E - Semivolatile Organic Compounds (GC/MS)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1'-Biphenyl	0.35	U	0.35	0.012	mg/Kg	☼	10/11/25 07:01	10/11/25 19:11	1
1,2,4,5-Tetrachlorobenzene	0.35	U	0.35	0.011	mg/Kg	☼	10/11/25 07:01	10/11/25 19:11	1
1,4-Dioxane	0.035	U	0.035	0.031	mg/Kg	☼	10/11/25 07:01	10/11/25 19:11	1
2,2'-oxybis[1-chloropropane]	0.35	U	0.35	0.021	mg/Kg	☼	10/11/25 07:01	10/11/25 19:11	1
2,3,4,6-Tetrachlorophenol	0.35	U	0.35	0.024	mg/Kg	☼	10/11/25 07:01	10/11/25 19:11	1
2,4,5-Trichlorophenol	0.35	U	0.35	0.036	mg/Kg	☼	10/11/25 07:01	10/11/25 19:11	1
2,4,6-Trichlorophenol	0.14	U	0.14	0.045	mg/Kg	☼	10/11/25 07:01	10/11/25 19:11	1
2,4-Dichlorophenol	0.14	U	0.14	0.022	mg/Kg	☼	10/11/25 07:01	10/11/25 19:11	1
2,4-Dimethylphenol	0.35	U	0.35	0.042	mg/Kg	☼	10/11/25 07:01	10/11/25 19:11	1
2,4-Dinitrophenol	0.28	U	0.28	0.17	mg/Kg	☼	10/11/25 07:01	10/11/25 19:11	1
2,4-Dinitrotoluene	0.071	U	0.071	0.038	mg/Kg	☼	10/11/25 07:01	10/11/25 19:11	1
2,6-Dinitrotoluene	0.071	U	0.071	0.025	mg/Kg	☼	10/11/25 07:01	10/11/25 19:11	1
2-Chloronaphthalene	0.35	U	0.35	0.045	mg/Kg	☼	10/11/25 07:01	10/11/25 19:11	1
2-Chlorophenol	0.35	U	0.35	0.012	mg/Kg	☼	10/11/25 07:01	10/11/25 19:11	1
2-Methylnaphthalene	0.35	U	0.35	0.0098	mg/Kg	☼	10/11/25 07:01	10/11/25 19:11	1
2-Methylphenol	0.35	U	0.35	0.013	mg/Kg	☼	10/11/25 07:01	10/11/25 19:11	1
2-Nitroaniline	0.35	U	0.35	0.027	mg/Kg	☼	10/11/25 07:01	10/11/25 19:11	1
2-Nitrophenol	0.35	U	0.35	0.035	mg/Kg	☼	10/11/25 07:01	10/11/25 19:11	1
3 & 4 Methylphenol	0.35	U	0.35	0.022	mg/Kg	☼	10/11/25 07:01	10/11/25 19:11	1
3,3'-Dichlorobenzidine	0.14	U	0.14	0.053	mg/Kg	☼	10/11/25 07:01	10/11/25 19:11	1
3-Nitroaniline	0.35	U	0.35	0.083	mg/Kg	☼	10/11/25 07:01	10/11/25 19:11	1
4,6-Dinitro-2-methylphenol	0.28	U	0.28	0.14	mg/Kg	☼	10/11/25 07:01	10/11/25 19:11	1
4-Bromophenyl phenyl ether	0.35	U	0.35	0.014	mg/Kg	☼	10/11/25 07:01	10/11/25 19:11	1
4-Chloro-3-methylphenol	0.35	U	0.35	0.020	mg/Kg	☼	10/11/25 07:01	10/11/25 19:11	1
4-Chloroaniline	0.35	U	0.35	0.062	mg/Kg	☼	10/11/25 07:01	10/11/25 19:11	1
4-Chlorophenyl phenyl ether	0.35	U	0.35	0.012	mg/Kg	☼	10/11/25 07:01	10/11/25 19:11	1
4-Methylphenol	0.35	U	0.35	0.022	mg/Kg	☼	10/11/25 07:01	10/11/25 19:11	1
4-Nitroaniline	0.35	U	0.35	0.089	mg/Kg	☼	10/11/25 07:01	10/11/25 19:11	1
4-Nitrophenol	0.71	U	0.71	0.057	mg/Kg	☼	10/11/25 07:01	10/11/25 19:11	1
Acenaphthene	0.35	U	0.35	0.010	mg/Kg	☼	10/11/25 07:01	10/11/25 19:11	1
Acenaphthylene	0.35	U	0.35	0.010	mg/Kg	☼	10/11/25 07:01	10/11/25 19:11	1
Acetophenone	0.35	U	0.35	0.017	mg/Kg	☼	10/11/25 07:01	10/11/25 19:11	1
Anthracene	**0.017**	**J**	0.35	0.011	mg/Kg	☼	10/11/25 07:01	10/11/25 19:11	1
Atrazine	0.14	U *	0.14	0.021	mg/Kg	☼	10/11/25 07:01	10/11/25 19:11	1
Benzaldehyde	0.35	U	0.35	0.058	mg/Kg	☼	10/11/25 07:01	10/11/25 19:11	1
Benzo[a]anthracene	**0.032**	**J**	0.035	0.026	mg/Kg	☼	10/11/25 07:01	10/11/25 19:11	1
Benzo[a]pyrene	**0.045**		0.035	0.0093	mg/Kg	☼	10/11/25 07:01	10/11/25 19:11	1
Benzo[b]fluoranthene	**0.039**		0.035	0.0090	mg/Kg	☼	10/11/25 07:01	10/11/25 19:11	1
Benzo[g,h,i]perylene	**0.068**	**J**	0.35	0.010	mg/Kg	☼	10/11/25 07:01	10/11/25 19:11	1
Benzo[k]fluoranthene	**0.014**	**J**	0.035	0.0069	mg/Kg	☼	10/11/25 07:01	10/11/25 19:11	1
Bis(2-chloroethoxy)methane	0.35	U	0.35	0.065	mg/Kg	☼	10/11/25 07:01	10/11/25 19:11	1
Bis(2-chloroethyl)ether	0.035	U	0.035	0.012	mg/Kg	☼	10/11/25 07:01	10/11/25 19:11	1
Bis(2-ethylhexyl) phthalate	0.35	U	0.35	0.018	mg/Kg	☼	10/11/25 07:01	10/11/25 19:11	1
Butyl benzyl phthalate	0.35	U	0.35	0.016	mg/Kg	☼	10/11/25 07:01	10/11/25 19:11	1
Caprolactam	0.35	U *	0.35	0.054	mg/Kg	☼	10/11/25 07:01	10/11/25 19:11	1
Carbazole	0.35	U	0.35	0.013	mg/Kg	☼	10/11/25 07:01	10/11/25 19:11	1
Chrysene	**0.031**	**J**	0.35	0.015	mg/Kg	☼	10/11/25 07:01	10/11/25 19:11	1
Dibenz(a,h)anthracene	0.035	U	0.035	0.015	mg/Kg	☼	10/11/25 07:01	10/11/25 19:11	1
Dibenzofuran	0.35	U	0.35	0.012	mg/Kg	☼	10/11/25 07:01	10/11/25 19:11	1

Client Sample ID: 50C_4-8
Date Collected: 10/09/25 10:50
Date Received: 10/09/25 16:58

Lab Sample ID: 460-336881-6
Matrix: Solid
Percent Solids: 93.8

Method: SW846 8270E - Semivolatile Organic Compounds (GC/MS) (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Diethyl phthalate	0.35	U	0.35	0.011	mg/Kg	☼	10/11/25 07:01	10/11/25 19:11	1
Dimethyl phthalate	0.35	U	0.35	0.079	mg/Kg	☼	10/11/25 07:01	10/11/25 19:11	1
Di-n-butyl phthalate	0.35	U	0.35	0.013	mg/Kg	☼	10/11/25 07:01	10/11/25 19:11	1
Di-n-octyl phthalate	0.35	U	0.35	0.019	mg/Kg	☼	10/11/25 07:01	10/11/25 19:11	1
Fluoranthene	**0.056**	**J**	0.35	0.012	mg/Kg	☼	10/11/25 07:01	10/11/25 19:11	1
Fluorene	0.35	U	0.35	0.010	mg/Kg	☼	10/11/25 07:01	10/11/25 19:11	1
Hexachlorobenzene	0.035	U	0.035	0.017	mg/Kg	☼	10/11/25 07:01	10/11/25 19:11	1
Hexachlorobutadiene	0.071	U	0.071	0.0074	mg/Kg	☼	10/11/25 07:01	10/11/25 19:11	1
Hexachlorocyclopentadiene	0.35	U	0.35	0.031	mg/Kg	☼	10/11/25 07:01	10/11/25 19:11	1
Hexachloroethane	0.035	U	0.035	0.012	mg/Kg	☼	10/11/25 07:01	10/11/25 19:11	1
Indeno[1,2,3-cd]pyrene	**0.051**		0.035	0.014	mg/Kg	☼	10/11/25 07:01	10/11/25 19:11	1
Isophorone	0.14	U	0.14	0.10	mg/Kg	☼	10/11/25 07:01	10/11/25 19:11	1
Naphthalene	0.35	U	0.35	0.0060	mg/Kg	☼	10/11/25 07:01	10/11/25 19:11	1
Nitrobenzene	0.035	U	0.035	0.019	mg/Kg	☼	10/11/25 07:01	10/11/25 19:11	1
N-Nitrosodi-n-propylamine	0.035	U	0.035	0.025	mg/Kg	☼	10/11/25 07:01	10/11/25 19:11	1
N-Nitrosodiphenylamine	0.35	U	0.35	0.029	mg/Kg	☼	10/11/25 07:01	10/11/25 19:11	1
Pentachlorophenol	0.28	U	0.28	0.072	mg/Kg	☼	10/11/25 07:01	10/11/25 19:11	1
Phenanthrene	**0.032**	**J**	0.35	0.014	mg/Kg	☼	10/11/25 07:01	10/11/25 19:11	1
Phenol	0.35	U	0.35	0.013	mg/Kg	☼	10/11/25 07:01	10/11/25 19:11	1
Pyrene	**0.061**	**J**	0.35	0.0087	mg/Kg	☼	10/11/25 07:01	10/11/25 19:11	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
2,4,6-Tribromophenol (Surr)	*79*		*18 - 137*	*10/11/25 07:01*	*10/11/25 19:11*	*1*
2-Fluorobiphenyl	*69*		*33 - 117*	*10/11/25 07:01*	*10/11/25 19:11*	*1*
2-Fluorophenol (Surr)	*73*		*24 - 120*	*10/11/25 07:01*	*10/11/25 19:11*	*1*
Nitrobenzene-d5 (Surr)	*71*		*27 - 120*	*10/11/25 07:01*	*10/11/25 19:11*	*1*
Phenol-d5 (Surr)	*72*		*28 - 118*	*10/11/25 07:01*	*10/11/25 19:11*	*1*
Terphenyl-d14 (Surr)	*74*		*33 - 124*	*10/11/25 07:01*	*10/11/25 19:11*	*1*

Method: SW846 8081B - Organochlorine Pesticides (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
4,4'-DDD	0.0071	U	0.0071	0.0012	mg/Kg	☼	10/11/25 17:27	10/12/25 13:06	1
4,4'-DDE	0.0071	U	0.0071	0.00084	mg/Kg	☼	10/11/25 17:27	10/12/25 13:06	1
4,4'-DDT	0.0071	U	0.0071	0.0013	mg/Kg	☼	10/11/25 17:27	10/12/25 13:06	1
Aldrin	0.0071	U	0.0071	0.0011	mg/Kg	☼	10/11/25 17:27	10/12/25 13:06	1
alpha-BHC	0.0021	U *	0.0021	0.00072	mg/Kg	☼	10/11/25 17:27	10/12/25 13:06	1
beta-BHC	0.0021	U	0.0021	0.00080	mg/Kg	☼	10/11/25 17:27	10/12/25 13:06	1
Chlordane (technical)	0.071	U	0.071	0.017	mg/Kg	☼	10/11/25 17:27	10/12/25 13:06	1
cis-Chlordane	0.0071	U	0.0071	0.0011	mg/Kg	☼	10/11/25 17:27	10/12/25 13:06	1
delta-BHC	0.0021	U *	0.0021	0.00044	mg/Kg	☼	10/11/25 17:27	10/12/25 13:06	1
Dieldrin	0.0021	U *	0.0021	0.00093	mg/Kg	☼	10/11/25 17:27	10/12/25 13:06	1
Endosulfan I	0.0071	U	0.0071	0.0011	mg/Kg	☼	10/11/25 17:27	10/12/25 13:06	1
Endosulfan II	0.0071	U	0.0071	0.0018	mg/Kg	☼	10/11/25 17:27	10/12/25 13:06	1
Endosulfan sulfate	0.0071	U	0.0071	0.00090	mg/Kg	☼	10/11/25 17:27	10/12/25 13:06	1
Endrin	0.0071	U	0.0071	0.0010	mg/Kg	☼	10/11/25 17:27	10/12/25 13:06	1
Endrin aldehyde	0.0071	U	0.0071	0.0017	mg/Kg	☼	10/11/25 17:27	10/12/25 13:06	1
Endrin ketone	0.0071	U	0.0071	0.0014	mg/Kg	☼	10/11/25 17:27	10/12/25 13:06	1
gamma-BHC (Lindane)	0.0021	U	0.0021	0.00066	mg/Kg	☼	10/11/25 17:27	10/12/25 13:06	1
Heptachlor	0.0071	U	0.0071	0.00084	mg/Kg	☼	10/11/25 17:27	10/12/25 13:06	1
Heptachlor epoxide	0.0071	U	0.0071	0.0011	mg/Kg	☼	10/11/25 17:27	10/12/25 13:06	1

Client Sample ID: 50C_4-8
Date Collected: 10/09/25 10:50
Date Received: 10/09/25 16:58

Lab Sample ID: 460-336881-6
Matrix: Solid
Percent Solids: 93.8

Method: SW846 8081B - Organochlorine Pesticides (GC) (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Methoxychlor	0.0071	U	0.0071	0.0016	mg/Kg	☼	10/11/25 17:27	10/12/25 13:06	1
Toxaphene	0.071	U	0.071	0.026	mg/Kg	☼	10/11/25 17:27	10/12/25 13:06	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
DCB Decachlorobiphenyl	*79*		*10 - 150*	*10/11/25 17:27*	*10/12/25 13:06*	*1*
DCB Decachlorobiphenyl	*87*		*10 - 150*	*10/11/25 17:27*	*10/12/25 13:06*	*1*
Tetrachloro-m-xylene	*28*		*14 - 150*	*10/11/25 17:27*	*10/12/25 13:06*	*1*
Tetrachloro-m-xylene	*30*		*14 - 150*	*10/11/25 17:27*	*10/12/25 13:06*	*1*

Method: SW846 8082A - Polychlorinated Biphenyls (PCBs) by Gas Chromatography

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Aroclor 1016	0.071	U	0.071	0.019	mg/Kg	☼	10/11/25 17:23	10/14/25 09:07	1
Aroclor 1221	0.071	U	0.071	0.019	mg/Kg	☼	10/11/25 17:23	10/14/25 09:07	1
Aroclor 1232	0.071	U	0.071	0.019	mg/Kg	☼	10/11/25 17:23	10/14/25 09:07	1
Aroclor 1242	0.071	U	0.071	0.019	mg/Kg	☼	10/11/25 17:23	10/14/25 09:07	1
Aroclor 1248	0.071	U	0.071	0.019	mg/Kg	☼	10/11/25 17:23	10/14/25 09:07	1
Aroclor 1254	0.071	U	0.071	0.019	mg/Kg	☼	10/11/25 17:23	10/14/25 09:07	1
Aroclor 1260	0.071	U	0.071	0.019	mg/Kg	☼	10/11/25 17:23	10/14/25 09:07	1
Aroclor-1262	0.071	U	0.071	0.019	mg/Kg	☼	10/11/25 17:23	10/14/25 09:07	1
Aroclor 1268	0.071	U	0.071	0.019	mg/Kg	☼	10/11/25 17:23	10/14/25 09:07	1
Polychlorinated biphenyls, Total	0.071	U	0.071	0.019	mg/Kg	☼	10/11/25 17:23	10/14/25 09:07	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
DCB Decachlorobiphenyl	*76*		*10 - 150*	*10/11/25 17:23*	*10/14/25 09:07*	*1*
DCB Decachlorobiphenyl	*98*		*10 - 150*	*10/11/25 17:23*	*10/14/25 09:07*	*1*
Tetrachloro-m-xylene	*34*		*10 - 150*	*10/11/25 17:23*	*10/14/25 09:07*	*1*
Tetrachloro-m-xylene	*36*		*10 - 150*	*10/11/25 17:23*	*10/14/25 09:07*	*1*

Method: EPA 1633A - Per- and Polyfluoroalkyl Substances by LC/MS/MS, 1633A

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Perfluorobutanoic acid (PFBA)	0.39	U	0.39	0.098	ug/Kg	☼	10/15/25 16:06	10/17/25 06:11	1
Perfluoropentanoic acid (PFPeA)	0.20	U	0.20	0.098	ug/Kg	☼	10/15/25 16:06	10/17/25 06:11	1
Perfluorohexanoic acid (PFHxA)	0.20	U	0.20	0.098	ug/Kg	☼	10/15/25 16:06	10/17/25 06:11	1
Perfluoroheptanoic acid (PFHpA)	0.20	U	0.20	0.098	ug/Kg	☼	10/15/25 16:06	10/17/25 06:11	1
Perfluorooctanoic acid (PFOA)	0.12	U	0.12	0.12	ug/Kg	☼	10/15/25 16:06	10/17/25 06:11	1
Perfluorononanoic acid (PFNA)	**0.56**		0.20	0.098	ug/Kg	☼	10/15/25 16:06	10/17/25 06:11	1
Perfluorodecanoic acid (PFDA)	**0.22**		0.20	0.059	ug/Kg	☼	10/15/25 16:06	10/17/25 06:11	1
Perfluoroundecanoic acid (PFUnA)	**5.05**		0.20	0.098	ug/Kg	☼	10/15/25 16:06	10/17/25 06:11	1
Perfluorododecanoic acid (PFDoA)	0.20	U	0.20	0.098	ug/Kg	☼	10/15/25 16:06	10/17/25 06:11	1
Perfluorotridecanoic acid (PFTrDA)	**2.98**		0.20	0.098	ug/Kg	☼	10/15/25 16:06	10/17/25 06:11	1
Perfluorotetradecanoic acid (PFTeDA)	0.20	U	0.20	0.098	ug/Kg	☼	10/15/25 16:06	10/17/25 06:11	1
Perfluorobutanesulfonic acid (PFBS)	0.20	U	0.20	0.098	ug/Kg	☼	10/15/25 16:06	10/17/25 06:11	1
Perfluoropentanesulfonic acid (PFPeS)	0.20	U	0.20	0.098	ug/Kg	☼	10/15/25 16:06	10/17/25 06:11	1
Perfluorohexanesulfonic acid (PFHxS)	0.20	U	0.20	0.098	ug/Kg	☼	10/15/25 16:06	10/17/25 06:11	1
Perfluoroheptanesulfonic acid (PFHpS)	0.20	U	0.20	0.098	ug/Kg	☼	10/15/25 16:06	10/17/25 06:11	1
Perfluorooctanesulfonic acid (PFOS)	0.20	U	0.20	0.098	ug/Kg	☼	10/15/25 16:06	10/17/25 06:11	1
Perfluorononanesulfonic acid (PFNS)	0.20	U	0.20	0.098	ug/Kg	☼	10/15/25 16:06	10/17/25 06:11	1

Client Sample ID: 50C_4-8
Date Collected: 10/09/25 10:50
Date Received: 10/09/25 16:58

Lab Sample ID: 460-336881-6
Matrix: Solid
Percent Solids: 93.8

Method: EPA 1633A - Per- and Polyfluoroalkyl Substances by LC/MS/MS, 1633A (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Perfluorodecanesulfonic acid (PFDS)	0.20	U	0.20	0.098	ug/Kg	☼	10/15/25 16:06	10/17/25 06:11	1
Perfluorododecanesulfonic acid (PFDoS)	0.20	U	0.20	0.098	ug/Kg	☼	10/15/25 16:06	10/17/25 06:11	1
1H,1H,2H,2H-Perfluorohexane sulfonic acid (4:2 FTS)	0.39	U	0.39	0.20	ug/Kg	☼	10/15/25 16:06	10/17/25 06:11	1
1H,1H,2H,2H-Perfluorooctane sulfonic acid (6:2 FTS)	0.39	U	0.39	0.20	ug/Kg	☼	10/15/25 16:06	10/17/25 06:11	1
1H,1H,2H,2H-Perfluorodecane sulfonic acid (8:2 FTS)	0.39	U	0.39	0.20	ug/Kg	☼	10/15/25 16:06	10/17/25 06:11	1
Perfluorooctanesulfonamide (PFOSA)	0.20	U	0.20	0.098	ug/Kg	☼	10/15/25 16:06	10/17/25 06:11	1
N-methylperfluorooctane sulfonamide (NMeFOSA)	0.20	U	0.20	0.098	ug/Kg	☼	10/15/25 16:06	10/17/25 06:11	1
N-ethylperfluorooctane sulfonamide (NEtFOSA)	0.20	U	0.20	0.098	ug/Kg	☼	10/15/25 16:06	10/17/25 06:11	1
N-methylperfluorooctanesulfonamidoacetic acid (NMeFOSAA)	0.20	U	0.20	0.098	ug/Kg	☼	10/15/25 16:06	10/17/25 06:11	1
N-ethylperfluorooctanesulfonamidoacetic acid (NEtFOSAA)	0.20	U	0.20	0.098	ug/Kg	☼	10/15/25 16:06	10/17/25 06:11	1
N-methylperfluorooctane sulfonamidoethanol (NMeFOSE)	0.98	U	0.98	0.49	ug/Kg	☼	10/15/25 16:06	10/17/25 06:11	1
N-ethylperfluorooctane sulfonamidoethanol (NEtFOSE)	0.98	U	0.98	0.49	ug/Kg	☼	10/15/25 16:06	10/17/25 06:11	1
Hexafluoropropylene Oxide Dimer Acid (HFPO-DA)	0.20	U	0.20	0.098	ug/Kg	☼	10/15/25 16:06	10/17/25 06:11	1
4,8-Dioxa-3H-perfluorononanoic acid (ADONA)	0.20	U	0.20	0.098	ug/Kg	☼	10/15/25 16:06	10/17/25 06:11	1
Perfluoro-3-methoxypropanoic acid (PFMPA)	0.20	U	0.20	0.098	ug/Kg	☼	10/15/25 16:06	10/17/25 06:11	1
Perfluoro-4-methoxybutanoic acid (PFMBA)	0.20	U	0.20	0.098	ug/Kg	☼	10/15/25 16:06	10/17/25 06:11	1
Nonafluoro-3,6-dioxaheptanoic acid (NFDHA)	0.20	U	0.20	0.098	ug/Kg	☼	10/15/25 16:06	10/17/25 06:11	1
9-Chlorohexadecafluoro-3-oxanonane-1-sulfonic acid (9Cl-PF3ONS)	0.20	U	0.20	0.098	ug/Kg	☼	10/15/25 16:06	10/17/25 06:11	1
11-Chloroeicosafluoro-3-oxaundecane-1-sulfonic acid (11Cl-PF3OUdS)	0.20	U	0.20	0.098	ug/Kg	☼	10/15/25 16:06	10/17/25 06:11	1
Perfluoro (2-ethoxyethane) sulfonic acid (PFEESA)	0.20	U	0.20	0.098	ug/Kg	☼	10/15/25 16:06	10/17/25 06:11	1
3-Perfluoropropylpropanoic acid (3:3 FTCA)	0.39	U	0.39	0.20	ug/Kg	☼	10/15/25 16:06	10/17/25 06:11	1
3-Perfluoropentylpropanoic acid (5:3 FTCA)	0.98	U	0.98	0.49	ug/Kg	☼	10/15/25 16:06	10/17/25 06:11	1
3-Perfluoroheptylpropanoic acid (7:3 FTCA)	0.98	U	0.98	0.49	ug/Kg	☼	10/15/25 16:06	10/17/25 06:11	1

Isotope Dilution	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
13C4 PFBA	*91.7*		*8 - 130*	*10/15/25 16:06*	*10/17/25 06:11*	*1*
13C5 PFPeA	*89.5*		*35 - 130*	*10/15/25 16:06*	*10/17/25 06:11*	*1*
13C5 PFHxA	*91.5*		*40 - 130*	*10/15/25 16:06*	*10/17/25 06:11*	*1*
13C4 PFHpA	*92.1*		*40 - 130*	*10/15/25 16:06*	*10/17/25 06:11*	*1*
13C8 PFOA	*89.0*		*40 - 130*	*10/15/25 16:06*	*10/17/25 06:11*	*1*
13C9 PFNA	*91.9*		*40 - 130*	*10/15/25 16:06*	*10/17/25 06:11*	*1*
13C6 PFDA	*91.3*		*40 - 130*	*10/15/25 16:06*	*10/17/25 06:11*	*1*
13C7 PFUnA	*93.8*		*40 - 130*	*10/15/25 16:06*	*10/17/25 06:11*	*1*
13C2 PFTeDA	*67.6*		*20 - 130*	*10/15/25 16:06*	*10/17/25 06:11*	*1*

Client Sample ID: 50C_4-8

Date Collected: 10/09/25 10:50
Date Received: 10/09/25 16:58

Lab Sample ID: 460-336881-6

Matrix: Solid
Percent Solids: 93.8

Method: EPA 1633A - Per- and Polyfluoroalkyl Substances by LC/MS/MS, 1633A (Continued)

Isotope Dilution	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
13C3 PFBS	89.1		40 - 135	10/15/25 16:06	10/17/25 06:11	1
13C3 PFHxS	90.1		40 - 130	10/15/25 16:06	10/17/25 06:11	1
13C8 PFOS	84.5		40 - 130	10/15/25 16:06	10/17/25 06:11	1
13C8 FOSA	76.2		40 - 130	10/15/25 16:06	10/17/25 06:11	1
d3-NMeFOSAA	78.7		40 - 135	10/15/25 16:06	10/17/25 06:11	1
d5-NEtFOSAA	85.7		40 - 150	10/15/25 16:06	10/17/25 06:11	1
13C2 4:2 FTS	189	*	40 - 165	10/15/25 16:06	10/17/25 06:11	1
13C2 6:2 FTS	184		40 - 215	10/15/25 16:06	10/17/25 06:11	1
13C2 8:2 FTS	140		40 - 275	10/15/25 16:06	10/17/25 06:11	1
13C3 HFPO-DA	85.3		40 - 130	10/15/25 16:06	10/17/25 06:11	1
d7-N-MeFOSE-M	53.9		20 - 130	10/15/25 16:06	10/17/25 06:11	1
d9-N-EtFOSE-M	42.4		15 - 130	10/15/25 16:06	10/17/25 06:11	1
d5-NEtPFOSA	68.8		10 - 130	10/15/25 16:06	10/17/25 06:11	1
d3-NMePFOSA	73.7		10 - 130	10/15/25 16:06	10/17/25 06:11	1
13C2 PFDoA	81.2		40 - 130	10/15/25 16:06	10/17/25 06:11	1

Method: SW846 6020B - Metals (ICP/MS)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Aluminum	5170		16.4	4.5	mg/Kg	☼	10/16/25 19:30	10/17/25 16:03	1
Antimony	2.9		0.82	0.12	mg/Kg	☼	10/16/25 19:30	10/17/25 16:03	1
Arsenic	9.3		0.82	0.084	mg/Kg	☼	10/16/25 19:30	10/17/25 16:03	1
Barium	38.1		1.6	0.12	mg/Kg	☼	10/16/25 19:30	10/17/25 16:03	1
Beryllium	0.84		0.33	0.018	mg/Kg	☼	10/16/25 19:30	10/17/25 16:03	1
Cadmium	0.24	J	0.82	0.093	mg/Kg	☼	10/16/25 19:30	10/17/25 16:03	1
Calcium	5380		82.0	8.0	mg/Kg	☼	10/16/25 19:30	10/17/25 16:03	1
Chromium	17.1		1.6	0.24	mg/Kg	☼	10/16/25 19:30	10/17/25 16:03	1
Cobalt	4.7		0.82	0.12	mg/Kg	☼	10/16/25 19:30	10/17/25 16:03	1
Copper	73.0		1.6	0.30	mg/Kg	☼	10/16/25 19:30	10/17/25 16:03	1
Iron	17900		49.2	6.3	mg/Kg	☼	10/16/25 19:30	10/17/25 16:03	1
Lead	151		0.49	0.16	mg/Kg	☼	10/16/25 19:30	10/17/25 16:03	1
Magnesium	3730		82.0	8.4	mg/Kg	☼	10/16/25 19:30	10/17/25 16:03	1
Manganese	111		3.3	0.33	mg/Kg	☼	10/16/25 19:30	10/17/25 16:03	1
Nickel	21.6		1.6	0.15	mg/Kg	☼	10/16/25 19:30	10/17/25 16:03	1
Potassium	1140		82.0	13.3	mg/Kg	☼	10/16/25 19:30	10/17/25 16:03	1
Selenium	0.41	J	1.0	0.10	mg/Kg	☼	10/16/25 19:30	10/17/25 16:03	1
Silver	0.36		0.33	0.073	mg/Kg	☼	10/16/25 19:30	10/17/25 16:03	1
Sodium	73.4	J	82.0	37.5	mg/Kg	☼	10/16/25 19:30	10/17/25 16:03	1
Thallium	0.059	J	0.33	0.034	mg/Kg	☼	10/16/25 19:30	10/17/25 16:03	1
Vanadium	23.8		1.6	0.17	mg/Kg	☼	10/16/25 19:30	10/17/25 16:03	1
Zinc	228		6.6	0.89	mg/Kg	☼	10/16/25 19:30	10/17/25 16:03	1

Method: SW846 7471B - Mercury (CVAA)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	0.037		0.017	0.0080	mg/Kg	☼	10/20/25 01:55	10/20/25 08:55	1

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Percent Moisture (EPA Moisture)	6.2		1.0	1.0	%			10/12/25 10:53	1
Percent Solids (EPA Moisture)	93.8		1.0	1.0	%			10/12/25 10:53	1

Client Sample ID: 50D_0-5
Date Collected: 10/09/25 10:55
Date Received: 10/09/25 16:58

Lab Sample ID: 460-336881-7
Matrix: Solid
Percent Solids: 92.4

Method: SW846 8270E - Semivolatile Organic Compounds (GC/MS)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1'-Biphenyl	0.35	U	0.35	0.012	mg/Kg	☼	10/11/25 07:01	10/11/25 20:39	1
1,2,4,5-Tetrachlorobenzene	0.35	U	0.35	0.011	mg/Kg	☼	10/11/25 07:01	10/11/25 20:39	1
1,4-Dioxane	0.035	U	0.035	0.031	mg/Kg	☼	10/11/25 07:01	10/11/25 20:39	1
2,2'-oxybis[1-chloropropane]	0.35	U	0.35	0.021	mg/Kg	☼	10/11/25 07:01	10/11/25 20:39	1
2,3,4,6-Tetrachlorophenol	0.35	U	0.35	0.024	mg/Kg	☼	10/11/25 07:01	10/11/25 20:39	1
2,4,5-Trichlorophenol	0.35	U	0.35	0.036	mg/Kg	☼	10/11/25 07:01	10/11/25 20:39	1
2,4,6-Trichlorophenol	0.14	U	0.14	0.046	mg/Kg	☼	10/11/25 07:01	10/11/25 20:39	1
2,4-Dichlorophenol	0.14	U	0.14	0.023	mg/Kg	☼	10/11/25 07:01	10/11/25 20:39	1
2,4-Dimethylphenol	0.35	U	0.35	0.042	mg/Kg	☼	10/11/25 07:01	10/11/25 20:39	1
2,4-Dinitrophenol	0.29	U	0.29	0.17	mg/Kg	☼	10/11/25 07:01	10/11/25 20:39	1
2,4-Dinitrotoluene	0.072	U	0.072	0.038	mg/Kg	☼	10/11/25 07:01	10/11/25 20:39	1
2,6-Dinitrotoluene	0.072	U	0.072	0.026	mg/Kg	☼	10/11/25 07:01	10/11/25 20:39	1
2-Chloronaphthalene	0.35	U	0.35	0.046	mg/Kg	☼	10/11/25 07:01	10/11/25 20:39	1
2-Chlorophenol	0.35	U	0.35	0.013	mg/Kg	☼	10/11/25 07:01	10/11/25 20:39	1
2-Methylnaphthalene	**0.023**	**J**	0.35	0.0099	mg/Kg	☼	10/11/25 07:01	10/11/25 20:39	1
2-Methylphenol	0.35	U	0.35	0.013	mg/Kg	☼	10/11/25 07:01	10/11/25 20:39	1
2-Nitroaniline	0.35	U	0.35	0.027	mg/Kg	☼	10/11/25 07:01	10/11/25 20:39	1
2-Nitrophenol	0.35	U	0.35	0.036	mg/Kg	☼	10/11/25 07:01	10/11/25 20:39	1
3 & 4 Methylphenol	0.35	U	0.35	0.022	mg/Kg	☼	10/11/25 07:01	10/11/25 20:39	1
3,3'-Dichlorobenzidine	0.14	U	0.14	0.054	mg/Kg	☼	10/11/25 07:01	10/11/25 20:39	1
3-Nitroaniline	0.35	U	0.35	0.084	mg/Kg	☼	10/11/25 07:01	10/11/25 20:39	1
4,6-Dinitro-2-methylphenol	0.29	U	0.29	0.14	mg/Kg	☼	10/11/25 07:01	10/11/25 20:39	1
4-Bromophenyl phenyl ether	0.35	U	0.35	0.014	mg/Kg	☼	10/11/25 07:01	10/11/25 20:39	1
4-Chloro-3-methylphenol	0.35	U	0.35	0.020	mg/Kg	☼	10/11/25 07:01	10/11/25 20:39	1
4-Chloroaniline	0.35	U	0.35	0.063	mg/Kg	☼	10/11/25 07:01	10/11/25 20:39	1
4-Chlorophenyl phenyl ether	0.35	U	0.35	0.013	mg/Kg	☼	10/11/25 07:01	10/11/25 20:39	1
4-Methylphenol	0.35	U	0.35	0.022	mg/Kg	☼	10/11/25 07:01	10/11/25 20:39	1
4-Nitroaniline	0.35	U	0.35	0.090	mg/Kg	☼	10/11/25 07:01	10/11/25 20:39	1
4-Nitrophenol	0.72	U	0.72	0.058	mg/Kg	☼	10/11/25 07:01	10/11/25 20:39	1
Acenaphthene	0.35	U	0.35	0.010	mg/Kg	☼	10/11/25 07:01	10/11/25 20:39	1
Acenaphthylene	0.35	U	0.35	0.010	mg/Kg	☼	10/11/25 07:01	10/11/25 20:39	1
Acetophenone	0.35	U	0.35	0.017	mg/Kg	☼	10/11/25 07:01	10/11/25 20:39	1
Anthracene	**0.026**	**J**	0.35	0.011	mg/Kg	☼	10/11/25 07:01	10/11/25 20:39	1
Atrazine	0.14	U *	0.14	0.021	mg/Kg	☼	10/11/25 07:01	10/11/25 20:39	1
Benzaldehyde	0.35	U	0.35	0.059	mg/Kg	☼	10/11/25 07:01	10/11/25 20:39	1
Benzo[a]anthracene	0.035	U	0.035	0.027	mg/Kg	☼	10/11/25 07:01	10/11/25 20:39	1
Benzo[a]pyrene	0.035	U	0.035	0.0095	mg/Kg	☼	10/11/25 07:01	10/11/25 20:39	1
Benzo[b]fluoranthene	0.035	U	0.035	0.0092	mg/Kg	☼	10/11/25 07:01	10/11/25 20:39	1
Benzo[g,h,i]perylene	**0.018**	**J**	0.35	0.010	mg/Kg	☼	10/11/25 07:01	10/11/25 20:39	1
Benzo[k]fluoranthene	0.035	U	0.035	0.0070	mg/Kg	☼	10/11/25 07:01	10/11/25 20:39	1
Bis(2-chloroethoxy)methane	0.35	U	0.35	0.066	mg/Kg	☼	10/11/25 07:01	10/11/25 20:39	1
Bis(2-chloroethyl)ether	0.035	U	0.035	0.012	mg/Kg	☼	10/11/25 07:01	10/11/25 20:39	1
Bis(2-ethylhexyl) phthalate	0.35	U	0.35	0.019	mg/Kg	☼	10/11/25 07:01	10/11/25 20:39	1
Butyl benzyl phthalate	0.35	U	0.35	0.017	mg/Kg	☼	10/11/25 07:01	10/11/25 20:39	1
Caprolactam	0.35	U *	0.35	0.055	mg/Kg	☼	10/11/25 07:01	10/11/25 20:39	1
Carbazole	0.35	U	0.35	0.014	mg/Kg	☼	10/11/25 07:01	10/11/25 20:39	1
Chrysene	0.35	U	0.35	0.015	mg/Kg	☼	10/11/25 07:01	10/11/25 20:39	1
Dibenz(a,h)anthracene	0.035	U	0.035	0.015	mg/Kg	☼	10/11/25 07:01	10/11/25 20:39	1
Dibenzofuran	0.35	U	0.35	0.012	mg/Kg	☼	10/11/25 07:01	10/11/25 20:39	1

Client Sample ID: 50D_0-5

Date Collected: 10/09/25 10:55
Date Received: 10/09/25 16:58

Lab Sample ID: 460-336881-7

Matrix: Solid
Percent Solids: 92.4

Method: SW846 8270E - Semivolatile Organic Compounds (GC/MS) (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Diethyl phthalate	0.35	U	0.35	0.011	mg/Kg	☼	10/11/25 07:01	10/11/25 20:39	1
Dimethyl phthalate	0.35	U	0.35	0.081	mg/Kg	☼	10/11/25 07:01	10/11/25 20:39	1
Di-n-butyl phthalate	0.35	U	0.35	0.013	mg/Kg	☼	10/11/25 07:01	10/11/25 20:39	1
Di-n-octyl phthalate	0.35	U	0.35	0.019	mg/Kg	☼	10/11/25 07:01	10/11/25 20:39	1
Fluoranthene	0.35	U	0.35	0.012	mg/Kg	☼	10/11/25 07:01	10/11/25 20:39	1
Fluorene	0.35	U	0.35	0.010	mg/Kg	☼	10/11/25 07:01	10/11/25 20:39	1
Hexachlorobenzene	0.035	U	0.035	0.017	mg/Kg	☼	10/11/25 07:01	10/11/25 20:39	1
Hexachlorobutadiene	0.072	U	0.072	0.0076	mg/Kg	☼	10/11/25 07:01	10/11/25 20:39	1
Hexachlorocyclopentadiene	0.35	U	0.35	0.031	mg/Kg	☼	10/11/25 07:01	10/11/25 20:39	1
Hexachloroethane	0.035	U	0.035	0.012	mg/Kg	☼	10/11/25 07:01	10/11/25 20:39	1
Indeno[1,2,3-cd]pyrene	**0.031**	**J**	0.035	0.014	mg/Kg	☼	10/11/25 07:01	10/11/25 20:39	1
Isophorone	0.14	U	0.14	0.10	mg/Kg	☼	10/11/25 07:01	10/11/25 20:39	1
Naphthalene	**0.012**	**J**	0.35	0.0061	mg/Kg	☼	10/11/25 07:01	10/11/25 20:39	1
Nitrobenzene	0.035	U	0.035	0.020	mg/Kg	☼	10/11/25 07:01	10/11/25 20:39	1
N-Nitrosodi-n-propylamine	0.035	U	0.035	0.026	mg/Kg	☼	10/11/25 07:01	10/11/25 20:39	1
N-Nitrosodiphenylamine	0.35	U	0.35	0.029	mg/Kg	☼	10/11/25 07:01	10/11/25 20:39	1
Pentachlorophenol	0.29	U	0.29	0.073	mg/Kg	☼	10/11/25 07:01	10/11/25 20:39	1
Phenanthrene	0.35	U	0.35	0.014	mg/Kg	☼	10/11/25 07:01	10/11/25 20:39	1
Phenol	0.35	U	0.35	0.013	mg/Kg	☼	10/11/25 07:01	10/11/25 20:39	1
Pyrene	**0.013**	**J**	0.35	0.0088	mg/Kg	☼	10/11/25 07:01	10/11/25 20:39	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
2,4,6-Tribromophenol (Surr)	*72*		*18 - 137*	*10/11/25 07:01*	*10/11/25 20:39*	*1*
2-Fluorobiphenyl	*65*		*33 - 117*	*10/11/25 07:01*	*10/11/25 20:39*	*1*
2-Fluorophenol (Surr)	*69*		*24 - 120*	*10/11/25 07:01*	*10/11/25 20:39*	*1*
Nitrobenzene-d5 (Surr)	*63*		*27 - 120*	*10/11/25 07:01*	*10/11/25 20:39*	*1*
Phenol-d5 (Surr)	*67*		*28 - 118*	*10/11/25 07:01*	*10/11/25 20:39*	*1*
Terphenyl-d14 (Surr)	*68*		*33 - 124*	*10/11/25 07:01*	*10/11/25 20:39*	*1*

Method: SW846 8081B - Organochlorine Pesticides (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
4,4'-DDD	0.0073	U	0.0073	0.0012	mg/Kg	☼	10/11/25 17:27	10/12/25 13:18	1
4,4'-DDE	0.0073	U	0.0073	0.00085	mg/Kg	☼	10/11/25 17:27	10/12/25 13:18	1
4,4'-DDT	0.0073	U	0.0073	0.0013	mg/Kg	☼	10/11/25 17:27	10/12/25 13:18	1
Aldrin	0.0073	U	0.0073	0.0011	mg/Kg	☼	10/11/25 17:27	10/12/25 13:18	1
alpha-BHC	0.0022	U *	0.0022	0.00074	mg/Kg	☼	10/11/25 17:27	10/12/25 13:18	1
beta-BHC	0.0022	U	0.0022	0.00081	mg/Kg	☼	10/11/25 17:27	10/12/25 13:18	1
Chlordane (technical)	0.073	U	0.073	0.018	mg/Kg	☼	10/11/25 17:27	10/12/25 13:18	1
cis-Chlordane	0.0073	U	0.0073	0.0011	mg/Kg	☼	10/11/25 17:27	10/12/25 13:18	1
delta-BHC	0.0022	U *	0.0022	0.00044	mg/Kg	☼	10/11/25 17:27	10/12/25 13:18	1
Dieldrin	0.0022	U *	0.0022	0.00094	mg/Kg	☼	10/11/25 17:27	10/12/25 13:18	1
Endosulfan I	0.0073	U	0.0073	0.0011	mg/Kg	☼	10/11/25 17:27	10/12/25 13:18	1
Endosulfan II	0.0073	U	0.0073	0.0019	mg/Kg	☼	10/11/25 17:27	10/12/25 13:18	1
Endosulfan sulfate	0.0073	U	0.0073	0.00091	mg/Kg	☼	10/11/25 17:27	10/12/25 13:18	1
Endrin	0.0073	U	0.0073	0.0010	mg/Kg	☼	10/11/25 17:27	10/12/25 13:18	1
Endrin aldehyde	0.0073	U	0.0073	0.0017	mg/Kg	☼	10/11/25 17:27	10/12/25 13:18	1
Endrin ketone	0.0073	U	0.0073	0.0014	mg/Kg	☼	10/11/25 17:27	10/12/25 13:18	1
gamma-BHC (Lindane)	0.0022	U	0.0022	0.00067	mg/Kg	☼	10/11/25 17:27	10/12/25 13:18	1
Heptachlor	0.0073	U	0.0073	0.00085	mg/Kg	☼	10/11/25 17:27	10/12/25 13:18	1
Heptachlor epoxide	0.0073	U	0.0073	0.0011	mg/Kg	☼	10/11/25 17:27	10/12/25 13:18	1

Client Sample ID: 50D_0-5
Date Collected: 10/09/25 10:55
Date Received: 10/09/25 16:58

Lab Sample ID: 460-336881-7
Matrix: Solid
Percent Solids: 92.4

Method: SW846 8081B - Organochlorine Pesticides (GC) (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Methoxychlor	0.0073	U	0.0073	0.0017	mg/Kg	☼	10/11/25 17:27	10/12/25 13:18	1
Toxaphene	0.073	U	0.073	0.026	mg/Kg	☼	10/11/25 17:27	10/12/25 13:18	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
DCB Decachlorobiphenyl	*73*		*10 - 150*	*10/11/25 17:27*	*10/12/25 13:18*	*1*
DCB Decachlorobiphenyl	*82*		*10 - 150*	*10/11/25 17:27*	*10/12/25 13:18*	*1*
Tetrachloro-m-xylene	*32*		*14 - 150*	*10/11/25 17:27*	*10/12/25 13:18*	*1*
Tetrachloro-m-xylene	*32*		*14 - 150*	*10/11/25 17:27*	*10/12/25 13:18*	*1*

Method: SW846 8082A - Polychlorinated Biphenyls (PCBs) by Gas Chromatography

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Aroclor 1016	0.073	U	0.073	0.019	mg/Kg	☼	10/11/25 17:23	10/14/25 09:24	1
Aroclor 1221	0.073	U	0.073	0.019	mg/Kg	☼	10/11/25 17:23	10/14/25 09:24	1
Aroclor 1232	0.073	U	0.073	0.019	mg/Kg	☼	10/11/25 17:23	10/14/25 09:24	1
Aroclor 1242	0.073	U	0.073	0.019	mg/Kg	☼	10/11/25 17:23	10/14/25 09:24	1
Aroclor 1248	0.073	U	0.073	0.019	mg/Kg	☼	10/11/25 17:23	10/14/25 09:24	1
Aroclor 1254	0.073	U	0.073	0.019	mg/Kg	☼	10/11/25 17:23	10/14/25 09:24	1
Aroclor 1260	0.073	U	0.073	0.019	mg/Kg	☼	10/11/25 17:23	10/14/25 09:24	1
Aroclor-1262	0.073	U	0.073	0.019	mg/Kg	☼	10/11/25 17:23	10/14/25 09:24	1
Aroclor 1268	0.073	U	0.073	0.019	mg/Kg	☼	10/11/25 17:23	10/14/25 09:24	1
Polychlorinated biphenyls, Total	0.073	U	0.073	0.019	mg/Kg	☼	10/11/25 17:23	10/14/25 09:24	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
DCB Decachlorobiphenyl	*54*		*10 - 150*	*10/11/25 17:23*	*10/14/25 09:24*	*1*
DCB Decachlorobiphenyl	*72*		*10 - 150*	*10/11/25 17:23*	*10/14/25 09:24*	*1*
Tetrachloro-m-xylene	*28*		*10 - 150*	*10/11/25 17:23*	*10/14/25 09:24*	*1*
Tetrachloro-m-xylene	*30*		*10 - 150*	*10/11/25 17:23*	*10/14/25 09:24*	*1*

Method: EPA 1633A - Per- and Polyfluoroalkyl Substances by LC/MS/MS, 1633A

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Perfluorobutanoic acid (PFBA)	0.40	U	0.40	0.099	ug/Kg	☼	10/15/25 16:06	10/17/25 06:25	1
Perfluoropentanoic acid (PFPeA)	0.20	U	0.20	0.099	ug/Kg	☼	10/15/25 16:06	10/17/25 06:25	1
Perfluorohexanoic acid (PFHxA)	0.20	U	0.20	0.099	ug/Kg	☼	10/15/25 16:06	10/17/25 06:25	1
Perfluoroheptanoic acid (PFHpA)	0.20	U	0.20	0.099	ug/Kg	☼	10/15/25 16:06	10/17/25 06:25	1
Perfluorooctanoic acid (PFOA)	**0.61**	**G**	0.20	0.060	ug/Kg	☼	10/15/25 16:06	10/17/25 06:25	1
Perfluorononanoic acid (PFNA)	**0.64**		0.20	0.099	ug/Kg	☼	10/15/25 16:06	10/17/25 06:25	1
Perfluorodecanoic acid (PFDA)	**1.00**		0.20	0.060	ug/Kg	☼	10/15/25 16:06	10/17/25 06:25	1
Perfluoroundecanoic acid (PFUnA)	**10.5**		0.20	0.099	ug/Kg	☼	10/15/25 16:06	10/17/25 06:25	1
Perfluorododecanoic acid (PFDoA)	0.20	U	0.20	0.099	ug/Kg	☼	10/15/25 16:06	10/17/25 06:25	1
Perfluorotridecanoic acid (PFTrDA)	**9.11**		0.20	0.099	ug/Kg	☼	10/15/25 16:06	10/17/25 06:25	1
Perfluorotetradecanoic acid (PFTeDA)	**0.37**		0.20	0.099	ug/Kg	☼	10/15/25 16:06	10/17/25 06:25	1
Perfluorobutanesulfonic acid (PFBS)	0.20	U	0.20	0.099	ug/Kg	☼	10/15/25 16:06	10/17/25 06:25	1
Perfluoropentanesulfonic acid (PFPeS)	0.20	U	0.20	0.099	ug/Kg	☼	10/15/25 16:06	10/17/25 06:25	1
Perfluorohexanesulfonic acid (PFHxS)	0.20	U	0.20	0.099	ug/Kg	☼	10/15/25 16:06	10/17/25 06:25	1
Perfluoroheptanesulfonic acid (PFHpS)	0.20	U	0.20	0.099	ug/Kg	☼	10/15/25 16:06	10/17/25 06:25	1
Perfluorooctanesulfonic acid (PFOS)	0.20	U	0.20	0.099	ug/Kg	☼	10/15/25 16:06	10/17/25 06:25	1
Perfluorononanesulfonic acid (PFNS)	0.20	U	0.20	0.099	ug/Kg	☼	10/15/25 16:06	10/17/25 06:25	1

Client Sample ID: 50D_0-5
Date Collected: 10/09/25 10:55
Date Received: 10/09/25 16:58

Lab Sample ID: 460-336881-7
Matrix: Solid
Percent Solids: 92.4

Method: EPA 1633A - Per- and Polyfluoroalkyl Substances by LC/MS/MS, 1633A (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Perfluorodecanesulfonic acid (PFDS)	0.20	U	0.20	0.099	ug/Kg	☼	10/15/25 16:06	10/17/25 06:25	1
Perfluorododecanesulfonic acid (PFDoS)	0.20	U	0.20	0.099	ug/Kg	☼	10/15/25 16:06	10/17/25 06:25	1
1H,1H,2H,2H-Perfluorohexane sulfonic acid (4:2 FTS)	0.40	U	0.40	0.20	ug/Kg	☼	10/15/25 16:06	10/17/25 06:25	1
1H,1H,2H,2H-Perfluorooctane sulfonic acid (6:2 FTS)	**0.24**	**J**	0.40	0.20	ug/Kg	☼	10/15/25 16:06	10/17/25 06:25	1
1H,1H,2H,2H-Perfluorodecane sulfonic acid (8:2 FTS)	**0.67**		0.40	0.20	ug/Kg	☼	10/15/25 16:06	10/17/25 06:25	1
Perfluorooctanesulfonamide (PFOSA)	0.20	U	0.20	0.099	ug/Kg	☼	10/15/25 16:06	10/17/25 06:25	1
N-methylperfluorooctane sulfonamide (NMeFOSA)	0.20	U	0.20	0.099	ug/Kg	☼	10/15/25 16:06	10/17/25 06:25	1
N-ethylperfluorooctane sulfonamide (NEtFOSA)	0.20	U	0.20	0.099	ug/Kg	☼	10/15/25 16:06	10/17/25 06:25	1
N-methylperfluorooctanesulfonamidoacetic acid (NMeFOSAA)	0.20	U	0.20	0.099	ug/Kg	☼	10/15/25 16:06	10/17/25 06:25	1
N-ethylperfluorooctanesulfonamidoacetic acid (NEtFOSAA)	0.20	U	0.20	0.099	ug/Kg	☼	10/15/25 16:06	10/17/25 06:25	1
N-methylperfluorooctane sulfonamidoethanol (NMeFOSE)	0.99	U	0.99	0.50	ug/Kg	☼	10/15/25 16:06	10/17/25 06:25	1
N-ethylperfluorooctane sulfonamidoethanol (NEtFOSE)	0.99	U	0.99	0.50	ug/Kg	☼	10/15/25 16:06	10/17/25 06:25	1
Hexafluoropropylene Oxide Dimer Acid (HFPO-DA)	0.20	U	0.20	0.099	ug/Kg	☼	10/15/25 16:06	10/17/25 06:25	1
4,8-Dioxa-3H-perfluorononanoic acid (ADONA)	0.20	U	0.20	0.099	ug/Kg	☼	10/15/25 16:06	10/17/25 06:25	1
Perfluoro-3-methoxypropanoic acid (PFMPA)	0.20	U	0.20	0.099	ug/Kg	☼	10/15/25 16:06	10/17/25 06:25	1
Perfluoro-4-methoxybutanoic acid (PFMBA)	0.20	U	0.20	0.099	ug/Kg	☼	10/15/25 16:06	10/17/25 06:25	1
Nonafluoro-3,6-dioxaheptanoic acid (NFDHA)	0.20	U	0.20	0.099	ug/Kg	☼	10/15/25 16:06	10/17/25 06:25	1
9-Chlorohexadecafluoro-3-oxanonane-1-sulfonic acid (9Cl-PF3ONS)	0.20	U	0.20	0.099	ug/Kg	☼	10/15/25 16:06	10/17/25 06:25	1
11-Chloroeicosafluoro-3-oxaundecane-1-sulfonic acid (11Cl-PF3OUdS)	0.20	U	0.20	0.099	ug/Kg	☼	10/15/25 16:06	10/17/25 06:25	1
Perfluoro (2-ethoxyethane) sulfonic acid (PFEESA)	0.20	U	0.20	0.099	ug/Kg	☼	10/15/25 16:06	10/17/25 06:25	1
3-Perfluoropropylpropanoic acid (3:3 FTCA)	0.40	U	0.40	0.20	ug/Kg	☼	10/15/25 16:06	10/17/25 06:25	1
3-Perfluoropentylpropanoic acid (5:3 FTCA)	0.99	U	0.99	0.50	ug/Kg	☼	10/15/25 16:06	10/17/25 06:25	1
3-Perfluoroheptylpropanoic acid (7:3 FTCA)	0.99	U	0.99	0.50	ug/Kg	☼	10/15/25 16:06	10/17/25 06:25	1

Isotope Dilution	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
13C4 PFBA	*79.4*		*8 - 130*	*10/15/25 16:06*	*10/17/25 06:25*	*1*
13C5 PFPeA	*76.6*		*35 - 130*	*10/15/25 16:06*	*10/17/25 06:25*	*1*
13C5 PFHxA	*78.5*		*40 - 130*	*10/15/25 16:06*	*10/17/25 06:25*	*1*
13C4 PFHpA	*73.3*		*40 - 130*	*10/15/25 16:06*	*10/17/25 06:25*	*1*
13C8 PFOA	*75.6*		*40 - 130*	*10/15/25 16:06*	*10/17/25 06:25*	*1*
13C9 PFNA	*83.4*		*40 - 130*	*10/15/25 16:06*	*10/17/25 06:25*	*1*
13C6 PFDA	*78.5*		*40 - 130*	*10/15/25 16:06*	*10/17/25 06:25*	*1*
13C7 PFUnA	*83.0*		*40 - 130*	*10/15/25 16:06*	*10/17/25 06:25*	*1*
13C2 PFTeDA	*70.5*		*20 - 130*	*10/15/25 16:06*	*10/17/25 06:25*	*1*

Client Sample ID: 50D_0-5
Date Collected: 10/09/25 10:55
Date Received: 10/09/25 16:58

Lab Sample ID: 460-336881-7
Matrix: Solid
Percent Solids: 92.4

Method: EPA 1633A - Per- and Polyfluoroalkyl Substances by LC/MS/MS, 1633A (Continued)

Isotope Dilution	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
13C3 PFBS	79.7		40 - 135	10/15/25 16:06	10/17/25 06:25	1
13C3 PFHxS	77.3		40 - 130	10/15/25 16:06	10/17/25 06:25	1
13C8 PFOS	76.6		40 - 130	10/15/25 16:06	10/17/25 06:25	1
13C8 FOSA	72.8		40 - 130	10/15/25 16:06	10/17/25 06:25	1
d3-NMeFOSAA	83.5		40 - 135	10/15/25 16:06	10/17/25 06:25	1
d5-NEtFOSAA	88.8		40 - 150	10/15/25 16:06	10/17/25 06:25	1
13C2 4:2 FTS	222	*	40 - 165	10/15/25 16:06	10/17/25 06:25	1
13C2 6:2 FTS	245	*	40 - 215	10/15/25 16:06	10/17/25 06:25	1
13C2 8:2 FTS	212		40 - 275	10/15/25 16:06	10/17/25 06:25	1
13C3 HFPO-DA	67.4		40 - 130	10/15/25 16:06	10/17/25 06:25	1
d7-N-MeFOSE-M	48.8		20 - 130	10/15/25 16:06	10/17/25 06:25	1
d9-N-EtFOSE-M	38.9		15 - 130	10/15/25 16:06	10/17/25 06:25	1
d5-NEtPFOSA	47.3		10 - 130	10/15/25 16:06	10/17/25 06:25	1
d3-NMePFOSA	53.1		10 - 130	10/15/25 16:06	10/17/25 06:25	1
13C2 PFDoA	78.8		40 - 130	10/15/25 16:06	10/17/25 06:25	1

Method: SW846 6020B - Metals (ICP/MS)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Aluminum	7430		17.0	4.7	mg/Kg	☼	10/16/25 19:30	10/17/25 16:06	1
Antimony	5.5		0.85	0.12	mg/Kg	☼	10/16/25 19:30	10/17/25 16:06	1
Arsenic	12.6		0.85	0.088	mg/Kg	☼	10/16/25 19:30	10/17/25 16:06	1
Barium	50.0		1.7	0.12	mg/Kg	☼	10/16/25 19:30	10/17/25 16:06	1
Beryllium	1.8		0.34	0.019	mg/Kg	☼	10/16/25 19:30	10/17/25 16:06	1
Cadmium	0.42	J	0.85	0.096	mg/Kg	☼	10/16/25 19:30	10/17/25 16:06	1
Calcium	1060		85.2	8.3	mg/Kg	☼	10/16/25 19:30	10/17/25 16:06	1
Chromium	25.8		1.7	0.25	mg/Kg	☼	10/16/25 19:30	10/17/25 16:06	1
Cobalt	6.9		0.85	0.13	mg/Kg	☼	10/16/25 19:30	10/17/25 16:06	1
Copper	116		1.7	0.31	mg/Kg	☼	10/16/25 19:30	10/17/25 16:06	1
Iron	21400		51.1	6.5	mg/Kg	☼	10/16/25 19:30	10/17/25 16:06	1
Lead	288		0.51	0.17	mg/Kg	☼	10/16/25 19:30	10/17/25 16:06	1
Magnesium	1710		85.2	8.7	mg/Kg	☼	10/16/25 19:30	10/17/25 16:06	1
Manganese	115		3.4	0.34	mg/Kg	☼	10/16/25 19:30	10/17/25 16:06	1
Nickel	31.7		1.7	0.15	mg/Kg	☼	10/16/25 19:30	10/17/25 16:06	1
Potassium	1150		85.2	13.8	mg/Kg	☼	10/16/25 19:30	10/17/25 16:06	1
Selenium	0.66	J	1.1	0.11	mg/Kg	☼	10/16/25 19:30	10/17/25 16:06	1
Silver	0.67		0.34	0.076	mg/Kg	☼	10/16/25 19:30	10/17/25 16:06	1
Sodium	87.4		85.2	38.9	mg/Kg	☼	10/16/25 19:30	10/17/25 16:06	1
Thallium	0.087	J	0.34	0.035	mg/Kg	☼	10/16/25 19:30	10/17/25 16:06	1
Vanadium	33.9		1.7	0.18	mg/Kg	☼	10/16/25 19:30	10/17/25 16:06	1
Zinc	348		6.8	0.93	mg/Kg	☼	10/16/25 19:30	10/17/25 16:06	1

Method: SW846 7471B - Mercury (CVAA)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	0.053		0.017	0.0080	mg/Kg	☼	10/20/25 01:55	10/20/25 08:58	1

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Percent Moisture (EPA Moisture)	7.6		1.0	1.0	%			10/12/25 10:53	1
Percent Solids (EPA Moisture)	92.4		1.0	1.0	%			10/12/25 10:53	1

Client Sample ID: 50D_5-10
Date Collected: 10/09/25 11:00
Date Received: 10/09/25 16:58

Lab Sample ID: 460-336881-8
Matrix: Solid
Percent Solids: 90.0

Method: SW846 8270E - Semivolatile Organic Compounds (GC/MS)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1'-Biphenyl	0.37	U	0.37	0.013	mg/Kg	☼	10/11/25 07:01	10/11/25 19:46	1
1,2,4,5-Tetrachlorobenzene	0.37	U	0.37	0.011	mg/Kg	☼	10/11/25 07:01	10/11/25 19:46	1
1,4-Dioxane	0.037	U	0.037	0.032	mg/Kg	☼	10/11/25 07:01	10/11/25 19:46	1
2,2'-oxybis[1-chloropropane]	0.37	U	0.37	0.022	mg/Kg	☼	10/11/25 07:01	10/11/25 19:46	1
2,3,4,6-Tetrachlorophenol	0.37	U	0.37	0.025	mg/Kg	☼	10/11/25 07:01	10/11/25 19:46	1
2,4,5-Trichlorophenol	0.37	U	0.37	0.037	mg/Kg	☼	10/11/25 07:01	10/11/25 19:46	1
2,4,6-Trichlorophenol	0.15	U	0.15	0.047	mg/Kg	☼	10/11/25 07:01	10/11/25 19:46	1
2,4-Dichlorophenol	0.15	U	0.15	0.023	mg/Kg	☼	10/11/25 07:01	10/11/25 19:46	1
2,4-Dimethylphenol	0.37	U	0.37	0.044	mg/Kg	☼	10/11/25 07:01	10/11/25 19:46	1
2,4-Dinitrophenol	0.29	U	0.29	0.18	mg/Kg	☼	10/11/25 07:01	10/11/25 19:46	1
2,4-Dinitrotoluene	0.074	U	0.074	0.039	mg/Kg	☼	10/11/25 07:01	10/11/25 19:46	1
2,6-Dinitrotoluene	0.074	U	0.074	0.026	mg/Kg	☼	10/11/25 07:01	10/11/25 19:46	1
2-Chloronaphthalene	0.37	U	0.37	0.047	mg/Kg	☼	10/11/25 07:01	10/11/25 19:46	1
2-Chlorophenol	0.37	U	0.37	0.013	mg/Kg	☼	10/11/25 07:01	10/11/25 19:46	1
2-Methylnaphthalene	0.37	U	0.37	0.010	mg/Kg	☼	10/11/25 07:01	10/11/25 19:46	1
2-Methylphenol	0.37	U	0.37	0.014	mg/Kg	☼	10/11/25 07:01	10/11/25 19:46	1
2-Nitroaniline	0.37	U	0.37	0.028	mg/Kg	☼	10/11/25 07:01	10/11/25 19:46	1
2-Nitrophenol	0.37	U	0.37	0.037	mg/Kg	☼	10/11/25 07:01	10/11/25 19:46	1
3 & 4 Methylphenol	0.37	U	0.37	0.023	mg/Kg	☼	10/11/25 07:01	10/11/25 19:46	1
3,3'-Dichlorobenzidine	0.15	U	0.15	0.055	mg/Kg	☼	10/11/25 07:01	10/11/25 19:46	1
3-Nitroaniline	0.37	U	0.37	0.087	mg/Kg	☼	10/11/25 07:01	10/11/25 19:46	1
4,6-Dinitro-2-methylphenol	0.29	U	0.29	0.15	mg/Kg	☼	10/11/25 07:01	10/11/25 19:46	1
4-Bromophenyl phenyl ether	0.37	U	0.37	0.015	mg/Kg	☼	10/11/25 07:01	10/11/25 19:46	1
4-Chloro-3-methylphenol	0.37	U	0.37	0.021	mg/Kg	☼	10/11/25 07:01	10/11/25 19:46	1
4-Chloroaniline	0.37	U	0.37	0.065	mg/Kg	☼	10/11/25 07:01	10/11/25 19:46	1
4-Chlorophenyl phenyl ether	0.37	U	0.37	0.013	mg/Kg	☼	10/11/25 07:01	10/11/25 19:46	1
4-Methylphenol	0.37	U	0.37	0.023	mg/Kg	☼	10/11/25 07:01	10/11/25 19:46	1
4-Nitroaniline	0.37	U	0.37	0.093	mg/Kg	☼	10/11/25 07:01	10/11/25 19:46	1
4-Nitrophenol	0.74	U	0.74	0.060	mg/Kg	☼	10/11/25 07:01	10/11/25 19:46	1
Acenaphthene	0.37	U	0.37	0.010	mg/Kg	☼	10/11/25 07:01	10/11/25 19:46	1
Acenaphthylene	0.37	U	0.37	0.010	mg/Kg	☼	10/11/25 07:01	10/11/25 19:46	1
Acetophenone	0.37	U	0.37	0.018	mg/Kg	☼	10/11/25 07:01	10/11/25 19:46	1
Anthracene	0.37	U	0.37	0.011	mg/Kg	☼	10/11/25 07:01	10/11/25 19:46	1
Atrazine	0.15	U *	0.15	0.022	mg/Kg	☼	10/11/25 07:01	10/11/25 19:46	1
Benzaldehyde	0.37	U	0.37	0.061	mg/Kg	☼	10/11/25 07:01	10/11/25 19:46	1
Benzo[a]anthracene	0.037	U	0.037	0.028	mg/Kg	☼	10/11/25 07:01	10/11/25 19:46	1
Benzo[a]pyrene	**0.011**	**J**	0.037	0.0098	mg/Kg	☼	10/11/25 07:01	10/11/25 19:46	1
Benzo[b]fluoranthene	**0.018**	**J**	0.037	0.0095	mg/Kg	☼	10/11/25 07:01	10/11/25 19:46	1
Benzo[g,h,i]perylene	**0.013**	**J**	0.37	0.011	mg/Kg	☼	10/11/25 07:01	10/11/25 19:46	1
Benzo[k]fluoranthene	0.037	U	0.037	0.0072	mg/Kg	☼	10/11/25 07:01	10/11/25 19:46	1
Bis(2-chloroethoxy)methane	0.37	U	0.37	0.068	mg/Kg	☼	10/11/25 07:01	10/11/25 19:46	1
Bis(2-chloroethyl)ether	0.037	U	0.037	0.013	mg/Kg	☼	10/11/25 07:01	10/11/25 19:46	1
Bis(2-ethylhexyl) phthalate	0.37	U	0.37	0.019	mg/Kg	☼	10/11/25 07:01	10/11/25 19:46	1
Butyl benzyl phthalate	0.37	U	0.37	0.017	mg/Kg	☼	10/11/25 07:01	10/11/25 19:46	1
Caprolactam	0.37	U *	0.37	0.057	mg/Kg	☼	10/11/25 07:01	10/11/25 19:46	1
Carbazole	0.37	U	0.37	0.014	mg/Kg	☼	10/11/25 07:01	10/11/25 19:46	1
Chrysene	0.37	U	0.37	0.015	mg/Kg	☼	10/11/25 07:01	10/11/25 19:46	1
Dibenz(a,h)anthracene	0.037	U	0.037	0.016	mg/Kg	☼	10/11/25 07:01	10/11/25 19:46	1
Dibenzofuran	0.37	U	0.37	0.012	mg/Kg	☼	10/11/25 07:01	10/11/25 19:46	1

Client Sample ID: 50D_5-10

Date Collected: 10/09/25 11:00
Date Received: 10/09/25 16:58

Lab Sample ID: 460-336881-8

Matrix: Solid
Percent Solids: 90.0

Method: SW846 8270E - Semivolatile Organic Compounds (GC/MS) (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Diethyl phthalate	0.37	U	0.37	0.012	mg/Kg	☼	10/11/25 07:01	10/11/25 19:46	1
Dimethyl phthalate	0.37	U	0.37	0.083	mg/Kg	☼	10/11/25 07:01	10/11/25 19:46	1
Di-n-butyl phthalate	0.37	U	0.37	0.014	mg/Kg	☼	10/11/25 07:01	10/11/25 19:46	1
Di-n-octyl phthalate	0.37	U	0.37	0.019	mg/Kg	☼	10/11/25 07:01	10/11/25 19:46	1
Fluoranthene	**0.017**	**J**	0.37	0.013	mg/Kg	☼	10/11/25 07:01	10/11/25 19:46	1
Fluorene	0.37	U	0.37	0.011	mg/Kg	☼	10/11/25 07:01	10/11/25 19:46	1
Hexachlorobenzene	0.037	U	0.037	0.017	mg/Kg	☼	10/11/25 07:01	10/11/25 19:46	1
Hexachlorobutadiene	0.074	U	0.074	0.0078	mg/Kg	☼	10/11/25 07:01	10/11/25 19:46	1
Hexachlorocyclopentadiene	0.37	U	0.37	0.032	mg/Kg	☼	10/11/25 07:01	10/11/25 19:46	1
Hexachloroethane	0.037	U	0.037	0.013	mg/Kg	☼	10/11/25 07:01	10/11/25 19:46	1
Indeno[1,2,3-cd]pyrene	**0.030**	**J**	0.037	0.014	mg/Kg	☼	10/11/25 07:01	10/11/25 19:46	1
Isophorone	0.15	U	0.15	0.11	mg/Kg	☼	10/11/25 07:01	10/11/25 19:46	1
Naphthalene	0.37	U	0.37	0.0063	mg/Kg	☼	10/11/25 07:01	10/11/25 19:46	1
Nitrobenzene	0.037	U	0.037	0.020	mg/Kg	☼	10/11/25 07:01	10/11/25 19:46	1
N-Nitrosodi-n-propylamine	0.037	U	0.037	0.027	mg/Kg	☼	10/11/25 07:01	10/11/25 19:46	1
N-Nitrosodiphenylamine	0.37	U	0.37	0.030	mg/Kg	☼	10/11/25 07:01	10/11/25 19:46	1
Pentachlorophenol	0.29	U	0.29	0.075	mg/Kg	☼	10/11/25 07:01	10/11/25 19:46	1
Phenanthrene	0.37	U	0.37	0.015	mg/Kg	☼	10/11/25 07:01	10/11/25 19:46	1
Phenol	0.37	U	0.37	0.013	mg/Kg	☼	10/11/25 07:01	10/11/25 19:46	1
Pyrene	**0.017**	**J**	0.37	0.0091	mg/Kg	☼	10/11/25 07:01	10/11/25 19:46	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
2,4,6-Tribromophenol (Surr)	*78*		*18 - 137*	*10/11/25 07:01*	*10/11/25 19:46*	*1*
2-Fluorobiphenyl	*67*		*33 - 117*	*10/11/25 07:01*	*10/11/25 19:46*	*1*
2-Fluorophenol (Surr)	*70*		*24 - 120*	*10/11/25 07:01*	*10/11/25 19:46*	*1*
Nitrobenzene-d5 (Surr)	*65*		*27 - 120*	*10/11/25 07:01*	*10/11/25 19:46*	*1*
Phenol-d5 (Surr)	*67*		*28 - 118*	*10/11/25 07:01*	*10/11/25 19:46*	*1*
Terphenyl-d14 (Surr)	*72*		*33 - 124*	*10/11/25 07:01*	*10/11/25 19:46*	*1*

Method: SW846 8081B - Organochlorine Pesticides (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
4,4'-DDD	0.0074	U	0.0074	0.0013	mg/Kg	☼	10/11/25 17:27	10/12/25 13:30	1
4,4'-DDE	0.0074	U	0.0074	0.00088	mg/Kg	☼	10/11/25 17:27	10/12/25 13:30	1
4,4'-DDT	0.0074	U	0.0074	0.0014	mg/Kg	☼	10/11/25 17:27	10/12/25 13:30	1
Aldrin	0.0074	U	0.0074	0.0011	mg/Kg	☼	10/11/25 17:27	10/12/25 13:30	1
alpha-BHC	0.0022	U *	0.0022	0.00076	mg/Kg	☼	10/11/25 17:27	10/12/25 13:30	1
beta-BHC	0.0022	U	0.0022	0.00083	mg/Kg	☼	10/11/25 17:27	10/12/25 13:30	1
Chlordane (technical)	0.074	U	0.074	0.018	mg/Kg	☼	10/11/25 17:27	10/12/25 13:30	1
cis-Chlordane	0.0074	U	0.0074	0.0012	mg/Kg	☼	10/11/25 17:27	10/12/25 13:30	1
delta-BHC	0.0022	U *	0.0022	0.00046	mg/Kg	☼	10/11/25 17:27	10/12/25 13:30	1
Dieldrin	0.0022	U *	0.0022	0.00097	mg/Kg	☼	10/11/25 17:27	10/12/25 13:30	1
Endosulfan I	0.0074	U	0.0074	0.0011	mg/Kg	☼	10/11/25 17:27	10/12/25 13:30	1
Endosulfan II	0.0074	U	0.0074	0.0019	mg/Kg	☼	10/11/25 17:27	10/12/25 13:30	1
Endosulfan sulfate	0.0074	U	0.0074	0.00093	mg/Kg	☼	10/11/25 17:27	10/12/25 13:30	1
Endrin	0.0074	U	0.0074	0.0011	mg/Kg	☼	10/11/25 17:27	10/12/25 13:30	1
Endrin aldehyde	0.0074	U	0.0074	0.0018	mg/Kg	☼	10/11/25 17:27	10/12/25 13:30	1
Endrin ketone	0.0074	U	0.0074	0.0014	mg/Kg	☼	10/11/25 17:27	10/12/25 13:30	1
gamma-BHC (Lindane)	0.0022	U	0.0022	0.00069	mg/Kg	☼	10/11/25 17:27	10/12/25 13:30	1
Heptachlor	0.0074	U	0.0074	0.00088	mg/Kg	☼	10/11/25 17:27	10/12/25 13:30	1
Heptachlor epoxide	0.0074	U	0.0074	0.0011	mg/Kg	☼	10/11/25 17:27	10/12/25 13:30	1

Client Sample ID: 50D_5-10
Date Collected: 10/09/25 11:00
Date Received: 10/09/25 16:58

Lab Sample ID: 460-336881-8
Matrix: Solid
Percent Solids: 90.0

Method: SW846 8081B - Organochlorine Pesticides (GC) (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Methoxychlor	0.0074	U	0.0074	0.0017	mg/Kg	☼	10/11/25 17:27	10/12/25 13:30	1
Toxaphene	0.074	U	0.074	0.027	mg/Kg	☼	10/11/25 17:27	10/12/25 13:30	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
DCB Decachlorobiphenyl	*89*		*10 - 150*	*10/11/25 17:27*	*10/12/25 13:30*	*1*
DCB Decachlorobiphenyl	*97*		*10 - 150*	*10/11/25 17:27*	*10/12/25 13:30*	*1*
Tetrachloro-m-xylene	*41*		*14 - 150*	*10/11/25 17:27*	*10/12/25 13:30*	*1*
Tetrachloro-m-xylene	*43*		*14 - 150*	*10/11/25 17:27*	*10/12/25 13:30*	*1*

Method: SW846 8082A - Polychlorinated Biphenyls (PCBs) by Gas Chromatography

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Aroclor 1016	0.074	U	0.074	0.020	mg/Kg	☼	10/11/25 17:23	10/14/25 09:42	1
Aroclor 1221	0.074	U	0.074	0.020	mg/Kg	☼	10/11/25 17:23	10/14/25 09:42	1
Aroclor 1232	0.074	U	0.074	0.020	mg/Kg	☼	10/11/25 17:23	10/14/25 09:42	1
Aroclor 1242	0.074	U	0.074	0.020	mg/Kg	☼	10/11/25 17:23	10/14/25 09:42	1
Aroclor 1248	0.074	U	0.074	0.020	mg/Kg	☼	10/11/25 17:23	10/14/25 09:42	1
Aroclor 1254	0.074	U	0.074	0.020	mg/Kg	☼	10/11/25 17:23	10/14/25 09:42	1
Aroclor 1260	0.074	U	0.074	0.020	mg/Kg	☼	10/11/25 17:23	10/14/25 09:42	1
Aroclor-1262	0.074	U	0.074	0.020	mg/Kg	☼	10/11/25 17:23	10/14/25 09:42	1
Aroclor 1268	0.074	U	0.074	0.020	mg/Kg	☼	10/11/25 17:23	10/14/25 09:42	1
Polychlorinated biphenyls, Total	0.074	U	0.074	0.020	mg/Kg	☼	10/11/25 17:23	10/14/25 09:42	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
DCB Decachlorobiphenyl	*69*		*10 - 150*	*10/11/25 17:23*	*10/14/25 09:42*	*1*
DCB Decachlorobiphenyl	*89*		*10 - 150*	*10/11/25 17:23*	*10/14/25 09:42*	*1*
Tetrachloro-m-xylene	*42*		*10 - 150*	*10/11/25 17:23*	*10/14/25 09:42*	*1*
Tetrachloro-m-xylene	*45*		*10 - 150*	*10/11/25 17:23*	*10/14/25 09:42*	*1*

Method: EPA 1633A - Per- and Polyfluoroalkyl Substances by LC/MS/MS, 1633A

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Perfluorobutanoic acid (PFBA)	0.39	U	0.39	0.098	ug/Kg	☼	10/15/25 16:06	10/17/25 06:39	1
Perfluoropentanoic acid (PFPeA)	0.20	U	0.20	0.098	ug/Kg	☼	10/15/25 16:06	10/17/25 06:39	1
Perfluorohexanoic acid (PFHxA)	0.20	U	0.20	0.098	ug/Kg	☼	10/15/25 16:06	10/17/25 06:39	1
Perfluoroheptanoic acid (PFHpA)	0.20	U	0.20	0.098	ug/Kg	☼	10/15/25 16:06	10/17/25 06:39	1
Perfluorooctanoic acid (PFOA)	**0.11**	**J**	0.20	0.059	ug/Kg	☼	10/15/25 16:06	10/17/25 06:39	1
Perfluorononanoic acid (PFNA)	**0.22**		0.20	0.098	ug/Kg	☼	10/15/25 16:06	10/17/25 06:39	1
Perfluorodecanoic acid (PFDA)	**0.28**		0.20	0.059	ug/Kg	☼	10/15/25 16:06	10/17/25 06:39	1
Perfluoroundecanoic acid (PFUnA)	**1.93**		0.20	0.098	ug/Kg	☼	10/15/25 16:06	10/17/25 06:39	1
Perfluorododecanoic acid (PFDoA)	**0.18**	**J**	0.20	0.098	ug/Kg	☼	10/15/25 16:06	10/17/25 06:39	1
Perfluorotridecanoic acid (PFTrDA)	**1.05**		0.20	0.098	ug/Kg	☼	10/15/25 16:06	10/17/25 06:39	1
Perfluorotetradecanoic acid (PFTeDA)	0.20	U	0.20	0.098	ug/Kg	☼	10/15/25 16:06	10/17/25 06:39	1
Perfluorobutanesulfonic acid (PFBS)	0.20	U	0.20	0.098	ug/Kg	☼	10/15/25 16:06	10/17/25 06:39	1
Perfluoropentanesulfonic acid (PFPeS)	0.20	U	0.20	0.098	ug/Kg	☼	10/15/25 16:06	10/17/25 06:39	1
Perfluorohexanesulfonic acid (PFHxS)	0.20	U	0.20	0.098	ug/Kg	☼	10/15/25 16:06	10/17/25 06:39	1
Perfluoroheptanesulfonic acid (PFHpS)	0.20	U	0.20	0.098	ug/Kg	☼	10/15/25 16:06	10/17/25 06:39	1
Perfluorooctanesulfonic acid (PFOS)	0.20	U	0.20	0.098	ug/Kg	☼	10/15/25 16:06	10/17/25 06:39	1
Perfluorononanesulfonic acid (PFNS)	0.20	U	0.20	0.098	ug/Kg	☼	10/15/25 16:06	10/17/25 06:39	1

Client Sample ID: 50D_5-10
Date Collected: 10/09/25 11:00
Date Received: 10/09/25 16:58

Lab Sample ID: 460-336881-8
Matrix: Solid
Percent Solids: 90.0

Method: EPA 1633A - Per- and Polyfluoroalkyl Substances by LC/MS/MS, 1633A (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Perfluorodecanesulfonic acid (PFDS)	0.20	U	0.20	0.098	ug/Kg	☼	10/15/25 16:06	10/17/25 06:39	1
Perfluorododecanesulfonic acid (PFDoS)	0.20	U	0.20	0.098	ug/Kg	☼	10/15/25 16:06	10/17/25 06:39	1
1H,1H,2H,2H-Perfluorohexane sulfonic acid (4:2 FTS)	0.39	U	0.39	0.20	ug/Kg	☼	10/15/25 16:06	10/17/25 06:39	1
1H,1H,2H,2H-Perfluorooctane sulfonic acid (6:2 FTS)	0.39	U	0.39	0.20	ug/Kg	☼	10/15/25 16:06	10/17/25 06:39	1
1H,1H,2H,2H-Perfluorodecane sulfonic acid (8:2 FTS)	0.39	U	0.39	0.20	ug/Kg	☼	10/15/25 16:06	10/17/25 06:39	1
Perfluorooctanesulfonamide (PFOSA)	0.20	U	0.20	0.098	ug/Kg	☼	10/15/25 16:06	10/17/25 06:39	1
N-methylperfluorooctane sulfonamide (NMeFOSA)	0.20	U	0.20	0.098	ug/Kg	☼	10/15/25 16:06	10/17/25 06:39	1
N-ethylperfluorooctane sulfonamide (NEtFOSA)	0.20	U	0.20	0.098	ug/Kg	☼	10/15/25 16:06	10/17/25 06:39	1
N-methylperfluorooctanesulfonamidoacetic acid (NMeFOSAA)	0.20	U	0.20	0.098	ug/Kg	☼	10/15/25 16:06	10/17/25 06:39	1
N-ethylperfluorooctanesulfonamidoacetic acid (NEtFOSAA)	0.20	U	0.20	0.098	ug/Kg	☼	10/15/25 16:06	10/17/25 06:39	1
N-methylperfluorooctane sulfonamidoethanol (NMeFOSE)	0.98	U	0.98	0.49	ug/Kg	☼	10/15/25 16:06	10/17/25 06:39	1
N-ethylperfluorooctane sulfonamidoethanol (NEtFOSE)	0.98	U	0.98	0.49	ug/Kg	☼	10/15/25 16:06	10/17/25 06:39	1
Hexafluoropropylene Oxide Dimer Acid (HFPO-DA)	0.20	U	0.20	0.098	ug/Kg	☼	10/15/25 16:06	10/17/25 06:39	1
4,8-Dioxa-3H-perfluorononanoic acid (ADONA)	0.20	U	0.20	0.098	ug/Kg	☼	10/15/25 16:06	10/17/25 06:39	1
Perfluoro-3-methoxypropanoic acid (PFMPA)	0.20	U	0.20	0.098	ug/Kg	☼	10/15/25 16:06	10/17/25 06:39	1
Perfluoro-4-methoxybutanoic acid (PFMBA)	0.20	U	0.20	0.098	ug/Kg	☼	10/15/25 16:06	10/17/25 06:39	1
Nonafluoro-3,6-dioxaheptanoic acid (NFDHA)	0.20	U	0.20	0.098	ug/Kg	☼	10/15/25 16:06	10/17/25 06:39	1
9-Chlorohexadecafluoro-3-oxanonane-1-sulfonic acid (9Cl-PF3ONS)	0.20	U	0.20	0.098	ug/Kg	☼	10/15/25 16:06	10/17/25 06:39	1
11-Chloroeicosafluoro-3-oxaundecane-1-sulfonic acid (11Cl-PF3OUdS)	0.20	U	0.20	0.098	ug/Kg	☼	10/15/25 16:06	10/17/25 06:39	1
Perfluoro (2-ethoxyethane) sulfonic acid (PFEESA)	0.20	U	0.20	0.098	ug/Kg	☼	10/15/25 16:06	10/17/25 06:39	1
3-Perfluoropropylpropanoic acid (3:3 FTCA)	0.39	U	0.39	0.20	ug/Kg	☼	10/15/25 16:06	10/17/25 06:39	1
3-Perfluoropentylpropanoic acid (5:3 FTCA)	0.98	U	0.98	0.49	ug/Kg	☼	10/15/25 16:06	10/17/25 06:39	1
3-Perfluoroheptylpropanoic acid (7:3 FTCA)	0.98	U	0.98	0.49	ug/Kg	☼	10/15/25 16:06	10/17/25 06:39	1

Isotope Dilution	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
13C4 PFBA	*86.0*		*8 - 130*	*10/15/25 16:06*	*10/17/25 06:39*	*1*
13C5 PFPeA	*85.7*		*35 - 130*	*10/15/25 16:06*	*10/17/25 06:39*	*1*
13C5 PFHxA	*82.5*		*40 - 130*	*10/15/25 16:06*	*10/17/25 06:39*	*1*
13C4 PFHpA	*86.6*		*40 - 130*	*10/15/25 16:06*	*10/17/25 06:39*	*1*
13C8 PFOA	*84.4*		*40 - 130*	*10/15/25 16:06*	*10/17/25 06:39*	*1*
13C9 PFNA	*85.9*		*40 - 130*	*10/15/25 16:06*	*10/17/25 06:39*	*1*
13C6 PFDA	*84.8*		*40 - 130*	*10/15/25 16:06*	*10/17/25 06:39*	*1*
13C7 PFUnA	*78.2*		*40 - 130*	*10/15/25 16:06*	*10/17/25 06:39*	*1*
13C2 PFTeDA	*66.1*		*20 - 130*	*10/15/25 16:06*	*10/17/25 06:39*	*1*

Client Sample ID: 50D_5-10

Date Collected: 10/09/25 11:00
Date Received: 10/09/25 16:58

Lab Sample ID: 460-336881-8

Matrix: Solid
Percent Solids: 90.0

Method: EPA 1633A - Per- and Polyfluoroalkyl Substances by LC/MS/MS, 1633A (Continued)

Isotope Dilution	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
13C3 PFBS	83.3		40 - 135	10/15/25 16:06	10/17/25 06:39	1
13C3 PFHxS	79.9		40 - 130	10/15/25 16:06	10/17/25 06:39	1
13C8 PFOS	75.0		40 - 130	10/15/25 16:06	10/17/25 06:39	1
13C8 FOSA	74.0		40 - 130	10/15/25 16:06	10/17/25 06:39	1
d3-NMeFOSAA	78.9		40 - 135	10/15/25 16:06	10/17/25 06:39	1
d5-NEtFOSAA	84.6		40 - 150	10/15/25 16:06	10/17/25 06:39	1
13C2 4:2 FTS	187	*	40 - 165	10/15/25 16:06	10/17/25 06:39	1
13C2 6:2 FTS	179		40 - 215	10/15/25 16:06	10/17/25 06:39	1
13C2 8:2 FTS	153		40 - 275	10/15/25 16:06	10/17/25 06:39	1
13C3 HFPO-DA	77.1		40 - 130	10/15/25 16:06	10/17/25 06:39	1
d7-N-MeFOSE-M	49.5		20 - 130	10/15/25 16:06	10/17/25 06:39	1
d9-N-EtFOSE-M	38.8		15 - 130	10/15/25 16:06	10/17/25 06:39	1
d5-NEtPFOSA	62.4		10 - 130	10/15/25 16:06	10/17/25 06:39	1
d3-NMePFOSA	68.7		10 - 130	10/15/25 16:06	10/17/25 06:39	1
13C2 PFDoA	75.2		40 - 130	10/15/25 16:06	10/17/25 06:39	1

Method: SW846 6020B - Metals (ICP/MS)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Aluminum	8960		17.0	4.7	mg/Kg	☼	10/16/25 19:30	10/17/25 16:09	1
Antimony	2.7		0.85	0.12	mg/Kg	☼	10/16/25 19:30	10/17/25 16:09	1
Arsenic	6.3		0.85	0.087	mg/Kg	☼	10/16/25 19:30	10/17/25 16:09	1
Barium	65.6		1.7	0.12	mg/Kg	☼	10/16/25 19:30	10/17/25 16:09	1
Beryllium	0.65		0.34	0.019	mg/Kg	☼	10/16/25 19:30	10/17/25 16:09	1
Cadmium	0.26	J	0.85	0.096	mg/Kg	☼	10/16/25 19:30	10/17/25 16:09	1
Calcium	961		84.8	8.2	mg/Kg	☼	10/16/25 19:30	10/17/25 16:09	1
Chromium	16.5		1.7	0.25	mg/Kg	☼	10/16/25 19:30	10/17/25 16:09	1
Cobalt	5.3		0.85	0.13	mg/Kg	☼	10/16/25 19:30	10/17/25 16:09	1
Copper	50.2		1.7	0.31	mg/Kg	☼	10/16/25 19:30	10/17/25 16:09	1
Iron	16200		50.9	6.5	mg/Kg	☼	10/16/25 19:30	10/17/25 16:09	1
Lead	108		0.51	0.17	mg/Kg	☼	10/16/25 19:30	10/17/25 16:09	1
Magnesium	1950		84.8	8.6	mg/Kg	☼	10/16/25 19:30	10/17/25 16:09	1
Manganese	155		3.4	0.34	mg/Kg	☼	10/16/25 19:30	10/17/25 16:09	1
Nickel	15.0		1.7	0.15	mg/Kg	☼	10/16/25 19:30	10/17/25 16:09	1
Potassium	1000		84.8	13.7	mg/Kg	☼	10/16/25 19:30	10/17/25 16:09	1
Selenium	0.55	J	1.1	0.11	mg/Kg	☼	10/16/25 19:30	10/17/25 16:09	1
Silver	0.35		0.34	0.075	mg/Kg	☼	10/16/25 19:30	10/17/25 16:09	1
Sodium	72.2	J	84.8	38.7	mg/Kg	☼	10/16/25 19:30	10/17/25 16:09	1
Thallium	0.11	J	0.34	0.035	mg/Kg	☼	10/16/25 19:30	10/17/25 16:09	1
Vanadium	27.8		1.7	0.17	mg/Kg	☼	10/16/25 19:30	10/17/25 16:09	1
Zinc	103		6.8	0.92	mg/Kg	☼	10/16/25 19:30	10/17/25 16:09	1

Method: SW846 7471B - Mercury (CVAA)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	0.057		0.019	0.0089	mg/Kg	☼	10/20/25 01:55	10/20/25 09:01	1

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Percent Moisture (EPA Moisture)	10		1.0	1.0	%			10/12/25 10:53	1
Percent Solids (EPA Moisture)	90.0		1.0	1.0	%			10/12/25 10:53	1

Client Sample ID: 3A_0-7
Date Collected: 10/09/25 13:20
Date Received: 10/09/25 16:58

Lab Sample ID: 460-336881-9
Matrix: Solid
Percent Solids: 95.1

Method: SW846 8270E - Semivolatile Organic Compounds (GC/MS)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1'-Biphenyl	0.35	U	0.35	0.012	mg/Kg	☼	10/11/25 07:01	10/11/25 19:29	1
1,2,4,5-Tetrachlorobenzene	0.35	U	0.35	0.011	mg/Kg	☼	10/11/25 07:01	10/11/25 19:29	1
1,4-Dioxane	0.035	U	0.035	0.030	mg/Kg	☼	10/11/25 07:01	10/11/25 19:29	1
2,2'-oxybis[1-chloropropane]	0.35	U	0.35	0.021	mg/Kg	☼	10/11/25 07:01	10/11/25 19:29	1
2,3,4,6-Tetrachlorophenol	0.35	U	0.35	0.024	mg/Kg	☼	10/11/25 07:01	10/11/25 19:29	1
2,4,5-Trichlorophenol	0.35	U	0.35	0.035	mg/Kg	☼	10/11/25 07:01	10/11/25 19:29	1
2,4,6-Trichlorophenol	0.14	U	0.14	0.045	mg/Kg	☼	10/11/25 07:01	10/11/25 19:29	1
2,4-Dichlorophenol	0.14	U	0.14	0.022	mg/Kg	☼	10/11/25 07:01	10/11/25 19:29	1
2,4-Dimethylphenol	0.35	U	0.35	0.042	mg/Kg	☼	10/11/25 07:01	10/11/25 19:29	1
2,4-Dinitrophenol	0.28	U	0.28	0.17	mg/Kg	☼	10/11/25 07:01	10/11/25 19:29	1
2,4-Dinitrotoluene	0.070	U	0.070	0.037	mg/Kg	☼	10/11/25 07:01	10/11/25 19:29	1
2,6-Dinitrotoluene	0.070	U	0.070	0.025	mg/Kg	☼	10/11/25 07:01	10/11/25 19:29	1
2-Chloronaphthalene	0.35	U	0.35	0.045	mg/Kg	☼	10/11/25 07:01	10/11/25 19:29	1
2-Chlorophenol	0.35	U	0.35	0.012	mg/Kg	☼	10/11/25 07:01	10/11/25 19:29	1
2-Methylnaphthalene	0.35	U	0.35	0.0097	mg/Kg	☼	10/11/25 07:01	10/11/25 19:29	1
2-Methylphenol	0.35	U	0.35	0.013	mg/Kg	☼	10/11/25 07:01	10/11/25 19:29	1
2-Nitroaniline	0.35	U	0.35	0.027	mg/Kg	☼	10/11/25 07:01	10/11/25 19:29	1
2-Nitrophenol	0.35	U	0.35	0.035	mg/Kg	☼	10/11/25 07:01	10/11/25 19:29	1
3 & 4 Methylphenol	0.35	U	0.35	0.022	mg/Kg	☼	10/11/25 07:01	10/11/25 19:29	1
3,3'-Dichlorobenzidine	0.14	U	0.14	0.053	mg/Kg	☼	10/11/25 07:01	10/11/25 19:29	1
3-Nitroaniline	0.35	U	0.35	0.083	mg/Kg	☼	10/11/25 07:01	10/11/25 19:29	1
4,6-Dinitro-2-methylphenol	0.28	U	0.28	0.14	mg/Kg	☼	10/11/25 07:01	10/11/25 19:29	1
4-Bromophenyl phenyl ether	0.35	U	0.35	0.014	mg/Kg	☼	10/11/25 07:01	10/11/25 19:29	1
4-Chloro-3-methylphenol	0.35	U	0.35	0.020	mg/Kg	☼	10/11/25 07:01	10/11/25 19:29	1
4-Chloroaniline	0.35	U	0.35	0.062	mg/Kg	☼	10/11/25 07:01	10/11/25 19:29	1
4-Chlorophenyl phenyl ether	0.35	U	0.35	0.012	mg/Kg	☼	10/11/25 07:01	10/11/25 19:29	1
4-Methylphenol	0.35	U	0.35	0.022	mg/Kg	☼	10/11/25 07:01	10/11/25 19:29	1
4-Nitroaniline	0.35	U	0.35	0.088	mg/Kg	☼	10/11/25 07:01	10/11/25 19:29	1
4-Nitrophenol	0.70	U	0.70	0.057	mg/Kg	☼	10/11/25 07:01	10/11/25 19:29	1
Acenaphthene	0.35	U	0.35	0.0099	mg/Kg	☼	10/11/25 07:01	10/11/25 19:29	1
Acenaphthylene	0.35	U	0.35	0.0099	mg/Kg	☼	10/11/25 07:01	10/11/25 19:29	1
Acetophenone	0.35	U	0.35	0.017	mg/Kg	☼	10/11/25 07:01	10/11/25 19:29	1
Anthracene	0.35	U	0.35	0.011	mg/Kg	☼	10/11/25 07:01	10/11/25 19:29	1
Atrazine	0.14	U *	0.14	0.020	mg/Kg	☼	10/11/25 07:01	10/11/25 19:29	1
Benzaldehyde	0.35	U	0.35	0.058	mg/Kg	☼	10/11/25 07:01	10/11/25 19:29	1
Benzo[a]anthracene	0.035	U	0.035	0.026	mg/Kg	☼	10/11/25 07:01	10/11/25 19:29	1
Benzo[a]pyrene	0.035	U	0.035	0.0093	mg/Kg	☼	10/11/25 07:01	10/11/25 19:29	1
Benzo[b]fluoranthene	0.035	U	0.035	0.0090	mg/Kg	☼	10/11/25 07:01	10/11/25 19:29	1
Benzo[g,h,i]perylene	0.35	U	0.35	0.010	mg/Kg	☼	10/11/25 07:01	10/11/25 19:29	1
Benzo[k]fluoranthene	0.035	U	0.035	0.0068	mg/Kg	☼	10/11/25 07:01	10/11/25 19:29	1
Bis(2-chloroethoxy)methane	0.35	U	0.35	0.064	mg/Kg	☼	10/11/25 07:01	10/11/25 19:29	1
Bis(2-chloroethyl)ether	0.035	U	0.035	0.012	mg/Kg	☼	10/11/25 07:01	10/11/25 19:29	1
Bis(2-ethylhexyl) phthalate	0.35	U	0.35	0.018	mg/Kg	☼	10/11/25 07:01	10/11/25 19:29	1
Butyl benzyl phthalate	0.35	U	0.35	0.016	mg/Kg	☼	10/11/25 07:01	10/11/25 19:29	1
Caprolactam	0.35	U *	0.35	0.054	mg/Kg	☼	10/11/25 07:01	10/11/25 19:29	1
Carbazole	0.35	U	0.35	0.013	mg/Kg	☼	10/11/25 07:01	10/11/25 19:29	1
Chrysene	0.35	U	0.35	0.015	mg/Kg	☼	10/11/25 07:01	10/11/25 19:29	1
Dibenz(a,h)anthracene	0.035	U	0.035	0.015	mg/Kg	☼	10/11/25 07:01	10/11/25 19:29	1
Dibenzofuran	0.35	U	0.35	0.012	mg/Kg	☼	10/11/25 07:01	10/11/25 19:29	1

Client Sample ID: 3A_0-7
Date Collected: 10/09/25 13:20
Date Received: 10/09/25 16:58

Lab Sample ID: 460-336881-9
Matrix: Solid
Percent Solids: 95.1

Method: SW846 8270E - Semivolatile Organic Compounds (GC/MS) (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Diethyl phthalate	0.35	U	0.35	0.011	mg/Kg	☼	10/11/25 07:01	10/11/25 19:29	1
Dimethyl phthalate	0.35	U	0.35	0.079	mg/Kg	☼	10/11/25 07:01	10/11/25 19:29	1
Di-n-butyl phthalate	0.35	U	0.35	0.013	mg/Kg	☼	10/11/25 07:01	10/11/25 19:29	1
Di-n-octyl phthalate	0.35	U	0.35	0.018	mg/Kg	☼	10/11/25 07:01	10/11/25 19:29	1
Fluoranthene	0.35	U	0.35	0.012	mg/Kg	☼	10/11/25 07:01	10/11/25 19:29	1
Fluorene	0.35	U	0.35	0.010	mg/Kg	☼	10/11/25 07:01	10/11/25 19:29	1
Hexachlorobenzene	0.035	U	0.035	0.017	mg/Kg	☼	10/11/25 07:01	10/11/25 19:29	1
Hexachlorobutadiene	0.070	U	0.070	0.0074	mg/Kg	☼	10/11/25 07:01	10/11/25 19:29	1
Hexachlorocyclopentadiene	0.35	U	0.35	0.031	mg/Kg	☼	10/11/25 07:01	10/11/25 19:29	1
Hexachloroethane	0.035	U	0.035	0.012	mg/Kg	☼	10/11/25 07:01	10/11/25 19:29	1
Indeno[1,2,3-cd]pyrene	0.035	U	0.035	0.014	mg/Kg	☼	10/11/25 07:01	10/11/25 19:29	1
Isophorone	0.14	U	0.14	0.10	mg/Kg	☼	10/11/25 07:01	10/11/25 19:29	1
Naphthalene	0.35	U	0.35	0.0060	mg/Kg	☼	10/11/25 07:01	10/11/25 19:29	1
Nitrobenzene	0.035	U	0.035	0.019	mg/Kg	☼	10/11/25 07:01	10/11/25 19:29	1
N-Nitrosodi-n-propylamine	0.035	U	0.035	0.025	mg/Kg	☼	10/11/25 07:01	10/11/25 19:29	1
N-Nitrosodiphenylamine	0.35	U	0.35	0.029	mg/Kg	☼	10/11/25 07:01	10/11/25 19:29	1
Pentachlorophenol	0.28	U	0.28	0.071	mg/Kg	☼	10/11/25 07:01	10/11/25 19:29	1
Phenanthrene	0.35	U	0.35	0.014	mg/Kg	☼	10/11/25 07:01	10/11/25 19:29	1
Phenol	0.35	U	0.35	0.013	mg/Kg	☼	10/11/25 07:01	10/11/25 19:29	1
Pyrene	0.35	U	0.35	0.0087	mg/Kg	☼	10/11/25 07:01	10/11/25 19:29	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
2,4,6-Tribromophenol (Surr)	*76*		*18 - 137*	*10/11/25 07:01*	*10/11/25 19:29*	*1*
2-Fluorobiphenyl	*69*		*33 - 117*	*10/11/25 07:01*	*10/11/25 19:29*	*1*
2-Fluorophenol (Surr)	*73*		*24 - 120*	*10/11/25 07:01*	*10/11/25 19:29*	*1*
Nitrobenzene-d5 (Surr)	*70*		*27 - 120*	*10/11/25 07:01*	*10/11/25 19:29*	*1*
Phenol-d5 (Surr)	*70*		*28 - 118*	*10/11/25 07:01*	*10/11/25 19:29*	*1*
Terphenyl-d14 (Surr)	*71*		*33 - 124*	*10/11/25 07:01*	*10/11/25 19:29*	*1*

Method: SW846 8081B - Organochlorine Pesticides (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
4,4'-DDD	0.0070	U	0.0070	0.0012	mg/Kg	☼	10/11/25 17:27	10/12/25 13:42	1
4,4'-DDE	0.0070	U	0.0070	0.00083	mg/Kg	☼	10/11/25 17:27	10/12/25 13:42	1
4,4'-DDT	0.0070	U	0.0070	0.0013	mg/Kg	☼	10/11/25 17:27	10/12/25 13:42	1
Aldrin	0.0070	U	0.0070	0.0011	mg/Kg	☼	10/11/25 17:27	10/12/25 13:42	1
alpha-BHC	0.0021	U *	0.0021	0.00072	mg/Kg	☼	10/11/25 17:27	10/12/25 13:42	1
beta-BHC	0.0021	U	0.0021	0.00079	mg/Kg	☼	10/11/25 17:27	10/12/25 13:42	1
Chlordane (technical)	0.070	U	0.070	0.017	mg/Kg	☼	10/11/25 17:27	10/12/25 13:42	1
cis-Chlordane	0.0070	U	0.0070	0.0011	mg/Kg	☼	10/11/25 17:27	10/12/25 13:42	1
delta-BHC	0.0021	U *	0.0021	0.00043	mg/Kg	☼	10/11/25 17:27	10/12/25 13:42	1
Dieldrin	0.0021	U *	0.0021	0.00091	mg/Kg	☼	10/11/25 17:27	10/12/25 13:42	1
Endosulfan I	0.0070	U	0.0070	0.0011	mg/Kg	☼	10/11/25 17:27	10/12/25 13:42	1
Endosulfan II	0.0070	U	0.0070	0.0018	mg/Kg	☼	10/11/25 17:27	10/12/25 13:42	1
Endosulfan sulfate	0.0070	U	0.0070	0.00088	mg/Kg	☼	10/11/25 17:27	10/12/25 13:42	1
Endrin	0.0070	U	0.0070	0.0010	mg/Kg	☼	10/11/25 17:27	10/12/25 13:42	1
Endrin aldehyde	0.0070	U	0.0070	0.0017	mg/Kg	☼	10/11/25 17:27	10/12/25 13:42	1
Endrin ketone	0.0070	U	0.0070	0.0014	mg/Kg	☼	10/11/25 17:27	10/12/25 13:42	1
gamma-BHC (Lindane)	0.0021	U	0.0021	0.00065	mg/Kg	☼	10/11/25 17:27	10/12/25 13:42	1
Heptachlor	0.0070	U	0.0070	0.00083	mg/Kg	☼	10/11/25 17:27	10/12/25 13:42	1
Heptachlor epoxide	0.0070	U	0.0070	0.0011	mg/Kg	☼	10/11/25 17:27	10/12/25 13:42	1

Client Sample ID: 3A_0-7
Date Collected: 10/09/25 13:20
Date Received: 10/09/25 16:58

Lab Sample ID: 460-336881-9
Matrix: Solid
Percent Solids: 95.1

Method: SW846 8081B - Organochlorine Pesticides (GC) (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Methoxychlor	0.0070	U	0.0070	0.0016	mg/Kg	☼	10/11/25 17:27	10/12/25 13:42	1
Toxaphene	0.070	U	0.070	0.025	mg/Kg	☼	10/11/25 17:27	10/12/25 13:42	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
DCB Decachlorobiphenyl	*85*		*10 - 150*	*10/11/25 17:27*	*10/12/25 13:42*	*1*
DCB Decachlorobiphenyl	*111*		*10 - 150*	*10/11/25 17:27*	*10/12/25 13:42*	*1*
Tetrachloro-m-xylene	*43*		*14 - 150*	*10/11/25 17:27*	*10/12/25 13:42*	*1*
Tetrachloro-m-xylene	*44*		*14 - 150*	*10/11/25 17:27*	*10/12/25 13:42*	*1*

Method: SW846 8082A - Polychlorinated Biphenyls (PCBs) by Gas Chromatography

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Aroclor 1016	0.070	U	0.070	0.019	mg/Kg	☼	10/11/25 17:23	10/14/25 09:59	1
Aroclor 1221	0.070	U	0.070	0.019	mg/Kg	☼	10/11/25 17:23	10/14/25 09:59	1
Aroclor 1232	0.070	U	0.070	0.019	mg/Kg	☼	10/11/25 17:23	10/14/25 09:59	1
Aroclor 1242	0.070	U	0.070	0.019	mg/Kg	☼	10/11/25 17:23	10/14/25 09:59	1
Aroclor 1248	0.070	U	0.070	0.019	mg/Kg	☼	10/11/25 17:23	10/14/25 09:59	1
Aroclor 1254	0.070	U	0.070	0.019	mg/Kg	☼	10/11/25 17:23	10/14/25 09:59	1
Aroclor 1260	0.070	U	0.070	0.019	mg/Kg	☼	10/11/25 17:23	10/14/25 09:59	1
Aroclor-1262	0.070	U	0.070	0.019	mg/Kg	☼	10/11/25 17:23	10/14/25 09:59	1
Aroclor 1268	0.070	U	0.070	0.019	mg/Kg	☼	10/11/25 17:23	10/14/25 09:59	1
Polychlorinated biphenyls, Total	0.070	U	0.070	0.019	mg/Kg	☼	10/11/25 17:23	10/14/25 09:59	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
DCB Decachlorobiphenyl	*67*		*10 - 150*	*10/11/25 17:23*	*10/14/25 09:59*	*1*
DCB Decachlorobiphenyl	*85*		*10 - 150*	*10/11/25 17:23*	*10/14/25 09:59*	*1*
Tetrachloro-m-xylene	*38*		*10 - 150*	*10/11/25 17:23*	*10/14/25 09:59*	*1*
Tetrachloro-m-xylene	*41*		*10 - 150*	*10/11/25 17:23*	*10/14/25 09:59*	*1*

Method: EPA 1633A - Per- and Polyfluoroalkyl Substances by LC/MS/MS, 1633A

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Perfluorobutanoic acid (PFBA)	0.39	U	0.39	0.099	ug/Kg	☼	10/15/25 16:06	10/17/25 06:52	1
Perfluoropentanoic acid (PFPeA)	0.20	U	0.20	0.099	ug/Kg	☼	10/15/25 16:06	10/17/25 06:52	1
Perfluorohexanoic acid (PFHxA)	0.20	U	0.20	0.099	ug/Kg	☼	10/15/25 16:06	10/17/25 06:52	1
Perfluoroheptanoic acid (PFHpA)	0.20	U	0.20	0.099	ug/Kg	☼	10/15/25 16:06	10/17/25 06:52	1
Perfluorooctanoic acid (PFOA)	**0.069**	**J**	0.20	0.059	ug/Kg	☼	10/15/25 16:06	10/17/25 06:52	1
Perfluorononanoic acid (PFNA)	0.20	U	0.20	0.099	ug/Kg	☼	10/15/25 16:06	10/17/25 06:52	1
Perfluorodecanoic acid (PFDA)	**0.089**	**J**	0.20	0.059	ug/Kg	☼	10/15/25 16:06	10/17/25 06:52	1
Perfluoroundecanoic acid (PFUnA)	**0.94**		0.20	0.099	ug/Kg	☼	10/15/25 16:06	10/17/25 06:52	1
Perfluorododecanoic acid (PFDoA)	0.20	U	0.20	0.099	ug/Kg	☼	10/15/25 16:06	10/17/25 06:52	1
Perfluorotridecanoic acid (PFTrDA)	**0.90**		0.20	0.099	ug/Kg	☼	10/15/25 16:06	10/17/25 06:52	1
Perfluorotetradecanoic acid (PFTeDA)	0.20	U	0.20	0.099	ug/Kg	☼	10/15/25 16:06	10/17/25 06:52	1
Perfluorobutanesulfonic acid (PFBS)	0.20	U	0.20	0.099	ug/Kg	☼	10/15/25 16:06	10/17/25 06:52	1
Perfluoropentanesulfonic acid (PFPeS)	0.20	U	0.20	0.099	ug/Kg	☼	10/15/25 16:06	10/17/25 06:52	1
Perfluorohexanesulfonic acid (PFHxS)	0.20	U	0.20	0.099	ug/Kg	☼	10/15/25 16:06	10/17/25 06:52	1
Perfluoroheptanesulfonic acid (PFHpS)	0.20	U	0.20	0.099	ug/Kg	☼	10/15/25 16:06	10/17/25 06:52	1
Perfluorooctanesulfonic acid (PFOS)	0.20	U	0.20	0.099	ug/Kg	☼	10/15/25 16:06	10/17/25 06:52	1
Perfluorononanesulfonic acid (PFNS)	0.20	U	0.20	0.099	ug/Kg	☼	10/15/25 16:06	10/17/25 06:52	1

Client Sample ID: 3A_0-7
Date Collected: 10/09/25 13:20
Date Received: 10/09/25 16:58

Lab Sample ID: 460-336881-9
Matrix: Solid
Percent Solids: 95.1

Method: EPA 1633A - Per- and Polyfluoroalkyl Substances by LC/MS/MS, 1633A (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Perfluorodecanesulfonic acid (PFDS)	0.20	U	0.20	0.099	ug/Kg	☼	10/15/25 16:06	10/17/25 06:52	1
Perfluorododecanesulfonic acid (PFDoS)	0.20	U	0.20	0.099	ug/Kg	☼	10/15/25 16:06	10/17/25 06:52	1
1H,1H,2H,2H-Perfluorohexane sulfonic acid (4:2 FTS)	0.39	U	0.39	0.20	ug/Kg	☼	10/15/25 16:06	10/17/25 06:52	1
1H,1H,2H,2H-Perfluorooctane sulfonic acid (6:2 FTS)	0.39	U	0.39	0.20	ug/Kg	☼	10/15/25 16:06	10/17/25 06:52	1
1H,1H,2H,2H-Perfluorodecane sulfonic acid (8:2 FTS)	**0.22**	**J**	0.39	0.20	ug/Kg	☼	10/15/25 16:06	10/17/25 06:52	1
Perfluorooctanesulfonamide (PFOSA)	0.20	U	0.20	0.099	ug/Kg	☼	10/15/25 16:06	10/17/25 06:52	1
N-methylperfluorooctane sulfonamide (NMeFOSA)	0.20	U	0.20	0.099	ug/Kg	☼	10/15/25 16:06	10/17/25 06:52	1
N-ethylperfluorooctane sulfonamide (NEtFOSA)	0.20	U	0.20	0.099	ug/Kg	☼	10/15/25 16:06	10/17/25 06:52	1
N-methylperfluorooctanesulfonamidoacetic acid (NMeFOSAA)	0.20	U	0.20	0.099	ug/Kg	☼	10/15/25 16:06	10/17/25 06:52	1
N-ethylperfluorooctanesulfonamidoacetic acid (NEtFOSAA)	0.20	U	0.20	0.099	ug/Kg	☼	10/15/25 16:06	10/17/25 06:52	1
N-methylperfluorooctane sulfonamidoethanol (NMeFOSE)	0.99	U	0.99	0.49	ug/Kg	☼	10/15/25 16:06	10/17/25 06:52	1
N-ethylperfluorooctane sulfonamidoethanol (NEtFOSE)	0.99	U	0.99	0.49	ug/Kg	☼	10/15/25 16:06	10/17/25 06:52	1
Hexafluoropropylene Oxide Dimer Acid (HFPO-DA)	0.20	U	0.20	0.099	ug/Kg	☼	10/15/25 16:06	10/17/25 06:52	1
4,8-Dioxa-3H-perfluorononanoic acid (ADONA)	0.20	U	0.20	0.099	ug/Kg	☼	10/15/25 16:06	10/17/25 06:52	1
Perfluoro-3-methoxypropanoic acid (PFMPA)	0.20	U	0.20	0.099	ug/Kg	☼	10/15/25 16:06	10/17/25 06:52	1
Perfluoro-4-methoxybutanoic acid (PFMBA)	0.20	U	0.20	0.099	ug/Kg	☼	10/15/25 16:06	10/17/25 06:52	1
Nonafluoro-3,6-dioxaheptanoic acid (NFDHA)	0.20	U	0.20	0.099	ug/Kg	☼	10/15/25 16:06	10/17/25 06:52	1
9-Chlorohexadecafluoro-3-oxanonane-1-sulfonic acid (9Cl-PF3ONS)	0.20	U	0.20	0.099	ug/Kg	☼	10/15/25 16:06	10/17/25 06:52	1
11-Chloroeicosafluoro-3-oxaundecane-1-sulfonic acid (11Cl-PF3OUdS)	0.20	U	0.20	0.099	ug/Kg	☼	10/15/25 16:06	10/17/25 06:52	1
Perfluoro (2-ethoxyethane) sulfonic acid (PFEESA)	0.20	U	0.20	0.099	ug/Kg	☼	10/15/25 16:06	10/17/25 06:52	1
3-Perfluoropropylpropanoic acid (3:3 FTCA)	0.39	U	0.39	0.20	ug/Kg	☼	10/15/25 16:06	10/17/25 06:52	1
3-Perfluoropentylpropanoic acid (5:3 FTCA)	0.99	U	0.99	0.49	ug/Kg	☼	10/15/25 16:06	10/17/25 06:52	1
3-Perfluoroheptylpropanoic acid (7:3 FTCA)	0.99	U	0.99	0.49	ug/Kg	☼	10/15/25 16:06	10/17/25 06:52	1

Isotope Dilution	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
13C4 PFBA	*92.0*		*8 - 130*	*10/15/25 16:06*	*10/17/25 06:52*	*1*
13C5 PFPeA	*91.2*		*35 - 130*	*10/15/25 16:06*	*10/17/25 06:52*	*1*
13C5 PFHxA	*93.8*		*40 - 130*	*10/15/25 16:06*	*10/17/25 06:52*	*1*
13C4 PFHpA	*98.6*		*40 - 130*	*10/15/25 16:06*	*10/17/25 06:52*	*1*
13C8 PFOA	*91.2*		*40 - 130*	*10/15/25 16:06*	*10/17/25 06:52*	*1*
13C9 PFNA	*92.2*		*40 - 130*	*10/15/25 16:06*	*10/17/25 06:52*	*1*
13C6 PFDA	*96.7*		*40 - 130*	*10/15/25 16:06*	*10/17/25 06:52*	*1*
13C7 PFUnA	*97.0*		*40 - 130*	*10/15/25 16:06*	*10/17/25 06:52*	*1*
13C2 PFTeDA	*81.2*		*20 - 130*	*10/15/25 16:06*	*10/17/25 06:52*	*1*

Client Sample ID: 3A_0-7

Date Collected: 10/09/25 13:20
Date Received: 10/09/25 16:58

Lab Sample ID: 460-336881-9

Matrix: Solid
Percent Solids: 95.1

Method: EPA 1633A - Per- and Polyfluoroalkyl Substances by LC/MS/MS, 1633A (Continued)

Isotope Dilution	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
13C3 PFBS	84.5		40 - 135	10/15/25 16:06	10/17/25 06:52	1
13C3 PFHxS	85.7		40 - 130	10/15/25 16:06	10/17/25 06:52	1
13C8 PFOS	81.4		40 - 130	10/15/25 16:06	10/17/25 06:52	1
13C8 FOSA	75.2		40 - 130	10/15/25 16:06	10/17/25 06:52	1
d3-NMeFOSAA	83.2		40 - 135	10/15/25 16:06	10/17/25 06:52	1
d5-NEtFOSAA	97.4		40 - 150	10/15/25 16:06	10/17/25 06:52	1
13C2 4:2 FTS	106		40 - 165	10/15/25 16:06	10/17/25 06:52	1
13C2 6:2 FTS	117		40 - 215	10/15/25 16:06	10/17/25 06:52	1
13C2 8:2 FTS	97.6		40 - 275	10/15/25 16:06	10/17/25 06:52	1
13C3 HFPO-DA	90.9		40 - 130	10/15/25 16:06	10/17/25 06:52	1
d7-N-MeFOSE-M	60.2		20 - 130	10/15/25 16:06	10/17/25 06:52	1
d9-N-EtFOSE-M	48.3		15 - 130	10/15/25 16:06	10/17/25 06:52	1
d5-NEtPFOSA	76.0		10 - 130	10/15/25 16:06	10/17/25 06:52	1
d3-NMePFOSA	79.0		10 - 130	10/15/25 16:06	10/17/25 06:52	1
13C2 PFDoA	91.2		40 - 130	10/15/25 16:06	10/17/25 06:52	1

Method: SW846 6020B - Metals (ICP/MS)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Aluminum	6900		16.8	4.6	mg/Kg	☼	10/16/25 19:30	10/17/25 16:11	1
Antimony	1.4		0.84	0.12	mg/Kg	☼	10/16/25 19:30	10/17/25 16:11	1
Arsenic	5.1		0.84	0.087	mg/Kg	☼	10/16/25 19:30	10/17/25 16:11	1
Barium	49.4		1.7	0.12	mg/Kg	☼	10/16/25 19:30	10/17/25 16:11	1
Beryllium	0.53		0.34	0.019	mg/Kg	☼	10/16/25 19:30	10/17/25 16:11	1
Cadmium	0.13	J	0.84	0.095	mg/Kg	☼	10/16/25 19:30	10/17/25 16:11	1
Calcium	1150		84.1	8.2	mg/Kg	☼	10/16/25 19:30	10/17/25 16:11	1
Chromium	14.5		1.7	0.25	mg/Kg	☼	10/16/25 19:30	10/17/25 16:11	1
Cobalt	6.0		0.84	0.12	mg/Kg	☼	10/16/25 19:30	10/17/25 16:11	1
Copper	26.0		1.7	0.31	mg/Kg	☼	10/16/25 19:30	10/17/25 16:11	1
Iron	15000		50.5	6.4	mg/Kg	☼	10/16/25 19:30	10/17/25 16:11	1
Lead	29.6		0.50	0.17	mg/Kg	☼	10/16/25 19:30	10/17/25 16:11	1
Magnesium	2150		84.1	8.6	mg/Kg	☼	10/16/25 19:30	10/17/25 16:11	1
Manganese	226		3.4	0.34	mg/Kg	☼	10/16/25 19:30	10/17/25 16:11	1
Nickel	12.4		1.7	0.15	mg/Kg	☼	10/16/25 19:30	10/17/25 16:11	1
Potassium	1000		84.1	13.6	mg/Kg	☼	10/16/25 19:30	10/17/25 16:11	1
Selenium	0.20	J	1.1	0.11	mg/Kg	☼	10/16/25 19:30	10/17/25 16:11	1
Silver	0.14	J	0.34	0.075	mg/Kg	☼	10/16/25 19:30	10/17/25 16:11	1
Sodium	59.2	J	84.1	38.4	mg/Kg	☼	10/16/25 19:30	10/17/25 16:11	1
Thallium	0.099	J	0.34	0.034	mg/Kg	☼	10/16/25 19:30	10/17/25 16:11	1
Vanadium	21.6		1.7	0.17	mg/Kg	☼	10/16/25 19:30	10/17/25 16:11	1
Zinc	46.2		6.7	0.92	mg/Kg	☼	10/16/25 19:30	10/17/25 16:11	1

Method: SW846 7471B - Mercury (CVAA)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	0.029		0.018	0.0083	mg/Kg	☼	10/20/25 01:55	10/20/25 09:04	1

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Percent Moisture (EPA Moisture)	4.9		1.0	1.0	%			10/12/25 10:53	1
Percent Solids (EPA Moisture)	95.1		1.0	1.0	%			10/12/25 10:53	1

Client Sample ID: 3A_7-14
Date Collected: 10/09/25 13:25
Date Received: 10/09/25 16:58

Lab Sample ID: 460-336881-10
Matrix: Solid
Percent Solids: 95.9

Method: SW846 8270E - Semivolatile Organic Compounds (GC/MS)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1'-Biphenyl	0.34	U	0.34	0.012	mg/Kg	☼	10/11/25 07:01	10/11/25 20:21	1
1,2,4,5-Tetrachlorobenzene	0.34	U	0.34	0.011	mg/Kg	☼	10/11/25 07:01	10/11/25 20:21	1
1,4-Dioxane	0.034	U	0.034	0.030	mg/Kg	☼	10/11/25 07:01	10/11/25 20:21	1
2,2'-oxybis[1-chloropropane]	0.34	U	0.34	0.021	mg/Kg	☼	10/11/25 07:01	10/11/25 20:21	1
2,3,4,6-Tetrachlorophenol	0.34	U	0.34	0.023	mg/Kg	☼	10/11/25 07:01	10/11/25 20:21	1
2,4,5-Trichlorophenol	0.34	U	0.34	0.035	mg/Kg	☼	10/11/25 07:01	10/11/25 20:21	1
2,4,6-Trichlorophenol	0.14	U	0.14	0.044	mg/Kg	☼	10/11/25 07:01	10/11/25 20:21	1
2,4-Dichlorophenol	0.14	U	0.14	0.022	mg/Kg	☼	10/11/25 07:01	10/11/25 20:21	1
2,4-Dimethylphenol	0.34	U	0.34	0.041	mg/Kg	☼	10/11/25 07:01	10/11/25 20:21	1
2,4-Dinitrophenol	0.28	U	0.28	0.17	mg/Kg	☼	10/11/25 07:01	10/11/25 20:21	1
2,4-Dinitrotoluene	0.070	U	0.070	0.037	mg/Kg	☼	10/11/25 07:01	10/11/25 20:21	1
2,6-Dinitrotoluene	0.070	U	0.070	0.025	mg/Kg	☼	10/11/25 07:01	10/11/25 20:21	1
2-Chloronaphthalene	0.34	U	0.34	0.044	mg/Kg	☼	10/11/25 07:01	10/11/25 20:21	1
2-Chlorophenol	0.34	U	0.34	0.012	mg/Kg	☼	10/11/25 07:01	10/11/25 20:21	1
2-Methylnaphthalene	0.34	U	0.34	0.0096	mg/Kg	☼	10/11/25 07:01	10/11/25 20:21	1
2-Methylphenol	0.34	U	0.34	0.013	mg/Kg	☼	10/11/25 07:01	10/11/25 20:21	1
2-Nitroaniline	0.34	U	0.34	0.026	mg/Kg	☼	10/11/25 07:01	10/11/25 20:21	1
2-Nitrophenol	0.34	U	0.34	0.035	mg/Kg	☼	10/11/25 07:01	10/11/25 20:21	1
3 & 4 Methylphenol	0.34	U	0.34	0.021	mg/Kg	☼	10/11/25 07:01	10/11/25 20:21	1
3,3'-Dichlorobenzidine	0.14	U	0.14	0.052	mg/Kg	☼	10/11/25 07:01	10/11/25 20:21	1
3-Nitroaniline	0.34	U	0.34	0.082	mg/Kg	☼	10/11/25 07:01	10/11/25 20:21	1
4,6-Dinitro-2-methylphenol	0.28	U	0.28	0.14	mg/Kg	☼	10/11/25 07:01	10/11/25 20:21	1
4-Bromophenyl phenyl ether	0.34	U	0.34	0.014	mg/Kg	☼	10/11/25 07:01	10/11/25 20:21	1
4-Chloro-3-methylphenol	0.34	U	0.34	0.019	mg/Kg	☼	10/11/25 07:01	10/11/25 20:21	1
4-Chloroaniline	0.34	U	0.34	0.061	mg/Kg	☼	10/11/25 07:01	10/11/25 20:21	1
4-Chlorophenyl phenyl ether	0.34	U	0.34	0.012	mg/Kg	☼	10/11/25 07:01	10/11/25 20:21	1
4-Methylphenol	0.34	U	0.34	0.022	mg/Kg	☼	10/11/25 07:01	10/11/25 20:21	1
4-Nitroaniline	0.34	U	0.34	0.087	mg/Kg	☼	10/11/25 07:01	10/11/25 20:21	1
4-Nitrophenol	0.70	U	0.70	0.056	mg/Kg	☼	10/11/25 07:01	10/11/25 20:21	1
Acenaphthene	0.34	U	0.34	0.0098	mg/Kg	☼	10/11/25 07:01	10/11/25 20:21	1
Acenaphthylene	0.34	U	0.34	0.0099	mg/Kg	☼	10/11/25 07:01	10/11/25 20:21	1
Acetophenone	0.34	U	0.34	0.017	mg/Kg	☼	10/11/25 07:01	10/11/25 20:21	1
Anthracene	0.34	U	0.34	0.010	mg/Kg	☼	10/11/25 07:01	10/11/25 20:21	1
Atrazine	0.14	U *	0.14	0.020	mg/Kg	☼	10/11/25 07:01	10/11/25 20:21	1
Benzaldehyde	0.34	U	0.34	0.057	mg/Kg	☼	10/11/25 07:01	10/11/25 20:21	1
Benzo[a]anthracene	0.034	U	0.034	0.026	mg/Kg	☼	10/11/25 07:01	10/11/25 20:21	1
Benzo[a]pyrene	0.034	U	0.034	0.0092	mg/Kg	☼	10/11/25 07:01	10/11/25 20:21	1
Benzo[b]fluoranthene	0.034	U	0.034	0.0089	mg/Kg	☼	10/11/25 07:01	10/11/25 20:21	1
Benzo[g,h,i]perylene	**0.028**	**J**	0.34	0.010	mg/Kg	☼	10/11/25 07:01	10/11/25 20:21	1
Benzo[k]fluoranthene	0.034	U	0.034	0.0068	mg/Kg	☼	10/11/25 07:01	10/11/25 20:21	1
Bis(2-chloroethoxy)methane	0.34	U	0.34	0.064	mg/Kg	☼	10/11/25 07:01	10/11/25 20:21	1
Bis(2-chloroethyl)ether	0.034	U	0.034	0.012	mg/Kg	☼	10/11/25 07:01	10/11/25 20:21	1
Bis(2-ethylhexyl) phthalate	0.34	U	0.34	0.018	mg/Kg	☼	10/11/25 07:01	10/11/25 20:21	1
Butyl benzyl phthalate	0.34	U	0.34	0.016	mg/Kg	☼	10/11/25 07:01	10/11/25 20:21	1
Caprolactam	0.34	U *	0.34	0.054	mg/Kg	☼	10/11/25 07:01	10/11/25 20:21	1
Carbazole	0.34	U	0.34	0.013	mg/Kg	☼	10/11/25 07:01	10/11/25 20:21	1
Chrysene	0.34	U	0.34	0.014	mg/Kg	☼	10/11/25 07:01	10/11/25 20:21	1
Dibenz(a,h)anthracene	0.034	U	0.034	0.015	mg/Kg	☼	10/11/25 07:01	10/11/25 20:21	1
Dibenzofuran	0.34	U	0.34	0.011	mg/Kg	☼	10/11/25 07:01	10/11/25 20:21	1

Client Sample ID: 3A_7-14
Date Collected: 10/09/25 13:25
Date Received: 10/09/25 16:58

Lab Sample ID: 460-336881-10
Matrix: Solid
Percent Solids: 95.9

Method: SW846 8270E - Semivolatile Organic Compounds (GC/MS) (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Diethyl phthalate	0.34	U	0.34	0.011	mg/Kg	☼	10/11/25 07:01	10/11/25 20:21	1
Dimethyl phthalate	0.34	U	0.34	0.078	mg/Kg	☼	10/11/25 07:01	10/11/25 20:21	1
Di-n-butyl phthalate	0.34	U	0.34	0.013	mg/Kg	☼	10/11/25 07:01	10/11/25 20:21	1
Di-n-octyl phthalate	0.34	U	0.34	0.018	mg/Kg	☼	10/11/25 07:01	10/11/25 20:21	1
Fluoranthene	0.34	U	0.34	0.012	mg/Kg	☼	10/11/25 07:01	10/11/25 20:21	1
Fluorene	0.34	U	0.34	0.010	mg/Kg	☼	10/11/25 07:01	10/11/25 20:21	1
Hexachlorobenzene	0.034	U	0.034	0.016	mg/Kg	☼	10/11/25 07:01	10/11/25 20:21	1
Hexachlorobutadiene	0.070	U	0.070	0.0073	mg/Kg	☼	10/11/25 07:01	10/11/25 20:21	1
Hexachlorocyclopentadiene	0.34	U	0.34	0.030	mg/Kg	☼	10/11/25 07:01	10/11/25 20:21	1
Hexachloroethane	0.034	U	0.034	0.012	mg/Kg	☼	10/11/25 07:01	10/11/25 20:21	1
Indeno[1,2,3-cd]pyrene	0.034	U	0.034	0.013	mg/Kg	☼	10/11/25 07:01	10/11/25 20:21	1
Isophorone	0.14	U	0.14	0.10	mg/Kg	☼	10/11/25 07:01	10/11/25 20:21	1
Naphthalene	0.34	U	0.34	0.0060	mg/Kg	☼	10/11/25 07:01	10/11/25 20:21	1
Nitrobenzene	0.034	U	0.034	0.019	mg/Kg	☼	10/11/25 07:01	10/11/25 20:21	1
N-Nitrosodi-n-propylamine	0.034	U	0.034	0.025	mg/Kg	☼	10/11/25 07:01	10/11/25 20:21	1
N-Nitrosodiphenylamine	0.34	U	0.34	0.028	mg/Kg	☼	10/11/25 07:01	10/11/25 20:21	1
Pentachlorophenol	0.28	U	0.28	0.071	mg/Kg	☼	10/11/25 07:01	10/11/25 20:21	1
Phenanthrene	0.34	U	0.34	0.014	mg/Kg	☼	10/11/25 07:01	10/11/25 20:21	1
Phenol	0.34	U	0.34	0.013	mg/Kg	☼	10/11/25 07:01	10/11/25 20:21	1
Pyrene	0.34	U	0.34	0.0086	mg/Kg	☼	10/11/25 07:01	10/11/25 20:21	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
2,4,6-Tribromophenol (Surr)	*71*		*18 - 137*	*10/11/25 07:01*	*10/11/25 20:21*	*1*
2-Fluorobiphenyl	*64*		*33 - 117*	*10/11/25 07:01*	*10/11/25 20:21*	*1*
2-Fluorophenol (Surr)	*71*		*24 - 120*	*10/11/25 07:01*	*10/11/25 20:21*	*1*
Nitrobenzene-d5 (Surr)	*66*		*27 - 120*	*10/11/25 07:01*	*10/11/25 20:21*	*1*
Phenol-d5 (Surr)	*69*		*28 - 118*	*10/11/25 07:01*	*10/11/25 20:21*	*1*
Terphenyl-d14 (Surr)	*67*		*33 - 124*	*10/11/25 07:01*	*10/11/25 20:21*	*1*

Method: SW846 8081B - Organochlorine Pesticides (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
4,4'-DDD	0.0070	U	0.0070	0.0012	mg/Kg	☼	10/11/25 17:27	10/12/25 13:55	1
4,4'-DDE	0.0070	U	0.0070	0.00082	mg/Kg	☼	10/11/25 17:27	10/12/25 13:55	1
4,4'-DDT	0.0070	U	0.0070	0.0013	mg/Kg	☼	10/11/25 17:27	10/12/25 13:55	1
Aldrin	0.0070	U	0.0070	0.0011	mg/Kg	☼	10/11/25 17:27	10/12/25 13:55	1
alpha-BHC	0.0021	U *	0.0021	0.00071	mg/Kg	☼	10/11/25 17:27	10/12/25 13:55	1
beta-BHC	0.0021	U	0.0021	0.00078	mg/Kg	☼	10/11/25 17:27	10/12/25 13:55	1
Chlordane (technical)	0.070	U	0.070	0.017	mg/Kg	☼	10/11/25 17:27	10/12/25 13:55	1
cis-Chlordane	0.0070	U	0.0070	0.0011	mg/Kg	☼	10/11/25 17:27	10/12/25 13:55	1
delta-BHC	0.0021	U *	0.0021	0.00043	mg/Kg	☼	10/11/25 17:27	10/12/25 13:55	1
Dieldrin	0.0021	U *	0.0021	0.00091	mg/Kg	☼	10/11/25 17:27	10/12/25 13:55	1
Endosulfan I	0.0070	U	0.0070	0.0011	mg/Kg	☼	10/11/25 17:27	10/12/25 13:55	1
Endosulfan II	0.0070	U	0.0070	0.0018	mg/Kg	☼	10/11/25 17:27	10/12/25 13:55	1
Endosulfan sulfate	0.0070	U	0.0070	0.00088	mg/Kg	☼	10/11/25 17:27	10/12/25 13:55	1
Endrin	0.0070	U	0.0070	0.0010	mg/Kg	☼	10/11/25 17:27	10/12/25 13:55	1
Endrin aldehyde	0.0070	U	0.0070	0.0016	mg/Kg	☼	10/11/25 17:27	10/12/25 13:55	1
Endrin ketone	0.0070	U	0.0070	0.0014	mg/Kg	☼	10/11/25 17:27	10/12/25 13:55	1
gamma-BHC (Lindane)	0.0021	U	0.0021	0.00065	mg/Kg	☼	10/11/25 17:27	10/12/25 13:55	1
Heptachlor	0.0070	U	0.0070	0.00082	mg/Kg	☼	10/11/25 17:27	10/12/25 13:55	1
Heptachlor epoxide	0.0070	U	0.0070	0.0010	mg/Kg	☼	10/11/25 17:27	10/12/25 13:55	1

Client Sample ID: 3A_7-14
Date Collected: 10/09/25 13:25
Date Received: 10/09/25 16:58

Lab Sample ID: 460-336881-10
Matrix: Solid
Percent Solids: 95.9

Method: SW846 8081B - Organochlorine Pesticides (GC) (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Methoxychlor	0.0070	U	0.0070	0.0016	mg/Kg	☼	10/11/25 17:27	10/12/25 13:55	1
Toxaphene	0.070	U	0.070	0.025	mg/Kg	☼	10/11/25 17:27	10/12/25 13:55	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
DCB Decachlorobiphenyl	*64*		*10 - 150*	*10/11/25 17:27*	*10/12/25 13:55*	*1*
DCB Decachlorobiphenyl	*71*		*10 - 150*	*10/11/25 17:27*	*10/12/25 13:55*	*1*
Tetrachloro-m-xylene	*33*		*14 - 150*	*10/11/25 17:27*	*10/12/25 13:55*	*1*
Tetrachloro-m-xylene	*33*		*14 - 150*	*10/11/25 17:27*	*10/12/25 13:55*	*1*

Method: SW846 8082A - Polychlorinated Biphenyls (PCBs) by Gas Chromatography

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Aroclor 1016	0.070	U	0.070	0.019	mg/Kg	☼	10/11/25 17:23	10/14/25 10:16	1
Aroclor 1221	0.070	U	0.070	0.019	mg/Kg	☼	10/11/25 17:23	10/14/25 10:16	1
Aroclor 1232	0.070	U	0.070	0.019	mg/Kg	☼	10/11/25 17:23	10/14/25 10:16	1
Aroclor 1242	0.070	U	0.070	0.019	mg/Kg	☼	10/11/25 17:23	10/14/25 10:16	1
Aroclor 1248	0.070	U	0.070	0.019	mg/Kg	☼	10/11/25 17:23	10/14/25 10:16	1
Aroclor 1254	0.070	U	0.070	0.019	mg/Kg	☼	10/11/25 17:23	10/14/25 10:16	1
Aroclor 1260	0.070	U	0.070	0.019	mg/Kg	☼	10/11/25 17:23	10/14/25 10:16	1
Aroclor-1262	0.070	U	0.070	0.019	mg/Kg	☼	10/11/25 17:23	10/14/25 10:16	1
Aroclor 1268	0.070	U	0.070	0.019	mg/Kg	☼	10/11/25 17:23	10/14/25 10:16	1
Polychlorinated biphenyls, Total	0.070	U	0.070	0.019	mg/Kg	☼	10/11/25 17:23	10/14/25 10:16	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
DCB Decachlorobiphenyl	*57*		*10 - 150*	*10/11/25 17:23*	*10/14/25 10:16*	*1*
DCB Decachlorobiphenyl	*72*		*10 - 150*	*10/11/25 17:23*	*10/14/25 10:16*	*1*
Tetrachloro-m-xylene	*35*		*10 - 150*	*10/11/25 17:23*	*10/14/25 10:16*	*1*
Tetrachloro-m-xylene	*35*		*10 - 150*	*10/11/25 17:23*	*10/14/25 10:16*	*1*

Method: EPA 1633A - Per- and Polyfluoroalkyl Substances by LC/MS/MS, 1633A

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Perfluorobutanoic acid (PFBA)	0.38	U	0.38	0.096	ug/Kg	☼	10/15/25 16:06	10/17/25 07:06	1
Perfluoropentanoic acid (PFPeA)	0.19	U	0.19	0.096	ug/Kg	☼	10/15/25 16:06	10/17/25 07:06	1
Perfluorohexanoic acid (PFHxA)	0.19	U	0.19	0.096	ug/Kg	☼	10/15/25 16:06	10/17/25 07:06	1
Perfluoroheptanoic acid (PFHpA)	0.19	U	0.19	0.096	ug/Kg	☼	10/15/25 16:06	10/17/25 07:06	1
Perfluorooctanoic acid (PFOA)	0.19	U	0.19	0.058	ug/Kg	☼	10/15/25 16:06	10/17/25 07:06	1
Perfluorononanoic acid (PFNA)	0.19	U	0.19	0.096	ug/Kg	☼	10/15/25 16:06	10/17/25 07:06	1
Perfluorodecanoic acid (PFDA)	0.19	U	0.19	0.058	ug/Kg	☼	10/15/25 16:06	10/17/25 07:06	1
Perfluoroundecanoic acid (PFUnA)	**0.47**		0.19	0.096	ug/Kg	☼	10/15/25 16:06	10/17/25 07:06	1
Perfluorododecanoic acid (PFDoA)	0.19	U	0.19	0.096	ug/Kg	☼	10/15/25 16:06	10/17/25 07:06	1
Perfluorotridecanoic acid (PFTrDA)	**0.90**		0.19	0.096	ug/Kg	☼	10/15/25 16:06	10/17/25 07:06	1
Perfluorotetradecanoic acid (PFTeDA)	0.19	U	0.19	0.096	ug/Kg	☼	10/15/25 16:06	10/17/25 07:06	1
Perfluorobutanesulfonic acid (PFBS)	0.19	U	0.19	0.096	ug/Kg	☼	10/15/25 16:06	10/17/25 07:06	1
Perfluoropentanesulfonic acid (PFPeS)	0.19	U	0.19	0.096	ug/Kg	☼	10/15/25 16:06	10/17/25 07:06	1
Perfluorohexanesulfonic acid (PFHxS)	0.19	U	0.19	0.096	ug/Kg	☼	10/15/25 16:06	10/17/25 07:06	1
Perfluoroheptanesulfonic acid (PFHpS)	0.19	U	0.19	0.096	ug/Kg	☼	10/15/25 16:06	10/17/25 07:06	1
Perfluorooctanesulfonic acid (PFOS)	0.19	U	0.19	0.096	ug/Kg	☼	10/15/25 16:06	10/17/25 07:06	1
Perfluorononanesulfonic acid (PFNS)	0.19	U	0.19	0.096	ug/Kg	☼	10/15/25 16:06	10/17/25 07:06	1

Client Sample ID: 3A_7-14
Date Collected: 10/09/25 13:25
Date Received: 10/09/25 16:58

Lab Sample ID: 460-336881-10
Matrix: Solid
Percent Solids: 95.9

Method: EPA 1633A - Per- and Polyfluoroalkyl Substances by LC/MS/MS, 1633A (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Perfluorodecanesulfonic acid (PFDS)	0.19	U	0.19	0.096	ug/Kg	☼	10/15/25 16:06	10/17/25 07:06	1
Perfluorododecanesulfonic acid (PFDoS)	0.19	U	0.19	0.096	ug/Kg	☼	10/15/25 16:06	10/17/25 07:06	1
1H,1H,2H,2H-Perfluorohexane sulfonic acid (4:2 FTS)	0.38	U	0.38	0.19	ug/Kg	☼	10/15/25 16:06	10/17/25 07:06	1
1H,1H,2H,2H-Perfluorooctane sulfonic acid (6:2 FTS)	0.38	U	0.38	0.19	ug/Kg	☼	10/15/25 16:06	10/17/25 07:06	1
1H,1H,2H,2H-Perfluorodecane sulfonic acid (8:2 FTS)	**0.31**	**J**	0.38	0.19	ug/Kg	☼	10/15/25 16:06	10/17/25 07:06	1
Perfluorooctanesulfonamide (PFOSA)	0.19	U	0.19	0.096	ug/Kg	☼	10/15/25 16:06	10/17/25 07:06	1
N-methylperfluorooctane sulfonamide (NMeFOSA)	0.19	U	0.19	0.096	ug/Kg	☼	10/15/25 16:06	10/17/25 07:06	1
N-ethylperfluorooctane sulfonamide (NEtFOSA)	0.19	U	0.19	0.096	ug/Kg	☼	10/15/25 16:06	10/17/25 07:06	1
N-methylperfluorooctanesulfonamidoacetic acid (NMeFOSAA)	0.19	U	0.19	0.096	ug/Kg	☼	10/15/25 16:06	10/17/25 07:06	1
N-ethylperfluorooctanesulfonamidoacetic acid (NEtFOSAA)	0.19	U	0.19	0.096	ug/Kg	☼	10/15/25 16:06	10/17/25 07:06	1
N-methylperfluorooctane sulfonamidoethanol (NMeFOSE)	0.96	U	0.96	0.48	ug/Kg	☼	10/15/25 16:06	10/17/25 07:06	1
N-ethylperfluorooctane sulfonamidoethanol (NEtFOSE)	0.96	U	0.96	0.48	ug/Kg	☼	10/15/25 16:06	10/17/25 07:06	1
Hexafluoropropylene Oxide Dimer Acid (HFPO-DA)	0.19	U	0.19	0.096	ug/Kg	☼	10/15/25 16:06	10/17/25 07:06	1
4,8-Dioxa-3H-perfluorononanoic acid (ADONA)	0.19	U	0.19	0.096	ug/Kg	☼	10/15/25 16:06	10/17/25 07:06	1
Perfluoro-3-methoxypropanoic acid (PFMPA)	0.19	U	0.19	0.096	ug/Kg	☼	10/15/25 16:06	10/17/25 07:06	1
Perfluoro-4-methoxybutanoic acid (PFMBA)	0.19	U	0.19	0.096	ug/Kg	☼	10/15/25 16:06	10/17/25 07:06	1
Nonafluoro-3,6-dioxaheptanoic acid (NFDHA)	0.19	U	0.19	0.096	ug/Kg	☼	10/15/25 16:06	10/17/25 07:06	1
9-Chlorohexadecafluoro-3-oxanonane-1-sulfonic acid (9Cl-PF3ONS)	0.19	U	0.19	0.096	ug/Kg	☼	10/15/25 16:06	10/17/25 07:06	1
11-Chloroeicosafluoro-3-oxaundecane-1-sulfonic acid (11Cl-PF3OUdS)	0.19	U	0.19	0.096	ug/Kg	☼	10/15/25 16:06	10/17/25 07:06	1
Perfluoro (2-ethoxyethane) sulfonic acid (PFEESA)	0.19	U	0.19	0.096	ug/Kg	☼	10/15/25 16:06	10/17/25 07:06	1
3-Perfluoropropylpropanoic acid (3:3 FTCA)	0.38	U	0.38	0.19	ug/Kg	☼	10/15/25 16:06	10/17/25 07:06	1
3-Perfluoropentylpropanoic acid (5:3 FTCA)	0.96	U	0.96	0.48	ug/Kg	☼	10/15/25 16:06	10/17/25 07:06	1
3-Perfluoroheptylpropanoic acid (7:3 FTCA)	0.96	U	0.96	0.48	ug/Kg	☼	10/15/25 16:06	10/17/25 07:06	1

Isotope Dilution	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
13C4 PFBA	*90.4*		*8 - 130*	*10/15/25 16:06*	*10/17/25 07:06*	*1*
13C5 PFPeA	*88.6*		*35 - 130*	*10/15/25 16:06*	*10/17/25 07:06*	*1*
13C5 PFHxA	*90.6*		*40 - 130*	*10/15/25 16:06*	*10/17/25 07:06*	*1*
13C4 PFHpA	*94.6*		*40 - 130*	*10/15/25 16:06*	*10/17/25 07:06*	*1*
13C8 PFOA	*88.6*		*40 - 130*	*10/15/25 16:06*	*10/17/25 07:06*	*1*
13C9 PFNA	*93.0*		*40 - 130*	*10/15/25 16:06*	*10/17/25 07:06*	*1*
13C6 PFDA	*93.8*		*40 - 130*	*10/15/25 16:06*	*10/17/25 07:06*	*1*
13C7 PFUnA	*92.1*		*40 - 130*	*10/15/25 16:06*	*10/17/25 07:06*	*1*
13C2 PFTeDA	*59.0*		*20 - 130*	*10/15/25 16:06*	*10/17/25 07:06*	*1*

Client Sample ID: 3A_7-14
Date Collected: 10/09/25 13:25
Date Received: 10/09/25 16:58

Lab Sample ID: 460-336881-10
Matrix: Solid
Percent Solids: 95.9

Method: EPA 1633A - Per- and Polyfluoroalkyl Substances by LC/MS/MS, 1633A (Continued)

Isotope Dilution	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
13C3 PFBS	84.9		40 - 135	10/15/25 16:06	10/17/25 07:06	1
13C3 PFHxS	87.9		40 - 130	10/15/25 16:06	10/17/25 07:06	1
13C8 PFOS	82.4		40 - 130	10/15/25 16:06	10/17/25 07:06	1
13C8 FOSA	72.6		40 - 130	10/15/25 16:06	10/17/25 07:06	1
d3-NMeFOSAA	76.4		40 - 135	10/15/25 16:06	10/17/25 07:06	1
d5-NEtFOSAA	78.2		40 - 150	10/15/25 16:06	10/17/25 07:06	1
13C2 4:2 FTS	101		40 - 165	10/15/25 16:06	10/17/25 07:06	1
13C2 6:2 FTS	108		40 - 215	10/15/25 16:06	10/17/25 07:06	1
13C2 8:2 FTS	86.0		40 - 275	10/15/25 16:06	10/17/25 07:06	1
13C3 HFPO-DA	88.5		40 - 130	10/15/25 16:06	10/17/25 07:06	1
d7-N-MeFOSE-M	47.4		20 - 130	10/15/25 16:06	10/17/25 07:06	1
d9-N-EtFOSE-M	39.3		15 - 130	10/15/25 16:06	10/17/25 07:06	1
d5-NEtPFOSA	66.5		10 - 130	10/15/25 16:06	10/17/25 07:06	1
d3-NMePFOSA	73.8		10 - 130	10/15/25 16:06	10/17/25 07:06	1
13C2 PFDoA	75.9		40 - 130	10/15/25 16:06	10/17/25 07:06	1

Method: SW846 6020B - Metals (ICP/MS)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Aluminum	8500		15.3	4.2	mg/Kg	☼	10/16/25 19:30	10/17/25 11:38	1
Antimony	1.7		0.77	0.11	mg/Kg	☼	10/16/25 19:30	10/17/25 11:38	1
Arsenic	6.9		0.77	0.079	mg/Kg	☼	10/16/25 19:30	10/17/25 11:38	1
Barium	45.4		1.5	0.11	mg/Kg	☼	10/16/25 19:30	10/17/25 11:38	1
Beryllium	0.64		0.31	0.017	mg/Kg	☼	10/16/25 19:30	10/17/25 11:38	1
Cadmium	0.29	J	0.77	0.087	mg/Kg	☼	10/16/25 19:30	10/17/25 11:38	1
Calcium	1730		76.7	7.5	mg/Kg	☼	10/16/25 19:30	10/17/25 11:38	1
Chromium	19.0		1.5	0.23	mg/Kg	☼	10/16/25 19:30	10/17/25 11:38	1
Cobalt	8.1		0.77	0.11	mg/Kg	☼	10/16/25 19:30	10/17/25 11:38	1
Copper	32.4		1.5	0.28	mg/Kg	☼	10/16/25 19:30	10/17/25 11:38	1
Iron	20800		46.0	5.9	mg/Kg	☼	10/16/25 19:30	10/17/25 11:38	1
Lead	55.5		0.46	0.15	mg/Kg	☼	10/16/25 19:30	10/17/25 11:38	1
Magnesium	2770		76.7	7.8	mg/Kg	☼	10/16/25 19:30	10/17/25 11:38	1
Manganese	293		3.1	0.31	mg/Kg	☼	10/16/25 19:30	10/17/25 11:38	1
Nickel	15.0		1.5	0.14	mg/Kg	☼	10/16/25 19:30	10/17/25 11:38	1
Potassium	1420		76.7	12.4	mg/Kg	☼	10/16/25 19:30	10/17/25 11:38	1
Selenium	0.32	J	0.96	0.098	mg/Kg	☼	10/16/25 19:30	10/17/25 11:38	1
Silver	0.15	J	0.31	0.068	mg/Kg	☼	10/16/25 19:30	10/17/25 11:38	1
Sodium	67.1	J	76.7	35.0	mg/Kg	☼	10/16/25 19:30	10/17/25 11:38	1
Thallium	0.095	J	0.31	0.031	mg/Kg	☼	10/16/25 19:30	10/17/25 11:38	1
Vanadium	27.8		1.5	0.16	mg/Kg	☼	10/16/25 19:30	10/17/25 11:38	1
Zinc	64.7		6.1	0.84	mg/Kg	☼	10/16/25 19:30	10/17/25 11:38	1

Method: SW846 7471B - Mercury (CVAA)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	0.026		0.017	0.0079	mg/Kg	☼	10/20/25 01:55	10/20/25 09:06	1

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Percent Moisture (EPA Moisture)	4.1		1.0	1.0	%			10/12/25 10:53	1
Percent Solids (EPA Moisture)	95.9		1.0	1.0	%			10/12/25 10:53	1

Client Sample ID: 3B_0-7
Date Collected: 10/09/25 13:30
Date Received: 10/09/25 16:58

Lab Sample ID: 460-336881-11
Matrix: Solid
Percent Solids: 94.8

Method: SW846 8270E - Semivolatile Organic Compounds (GC/MS)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1'-Biphenyl	0.35	U	0.35	0.012	mg/Kg	☼	10/11/25 07:01	10/11/25 20:04	1
1,2,4,5-Tetrachlorobenzene	0.35	U	0.35	0.011	mg/Kg	☼	10/11/25 07:01	10/11/25 20:04	1
1,4-Dioxane	0.035	U	0.035	0.030	mg/Kg	☼	10/11/25 07:01	10/11/25 20:04	1
2,2'-oxybis[1-chloropropane]	0.35	U	0.35	0.021	mg/Kg	☼	10/11/25 07:01	10/11/25 20:04	1
2,3,4,6-Tetrachlorophenol	0.35	U	0.35	0.023	mg/Kg	☼	10/11/25 07:01	10/11/25 20:04	1
2,4,5-Trichlorophenol	0.35	U	0.35	0.035	mg/Kg	☼	10/11/25 07:01	10/11/25 20:04	1
2,4,6-Trichlorophenol	0.14	U	0.14	0.045	mg/Kg	☼	10/11/25 07:01	10/11/25 20:04	1
2,4-Dichlorophenol	0.14	U	0.14	0.022	mg/Kg	☼	10/11/25 07:01	10/11/25 20:04	1
2,4-Dimethylphenol	0.35	U	0.35	0.041	mg/Kg	☼	10/11/25 07:01	10/11/25 20:04	1
2,4-Dinitrophenol	0.28	U	0.28	0.17	mg/Kg	☼	10/11/25 07:01	10/11/25 20:04	1
2,4-Dinitrotoluene	0.070	U	0.070	0.037	mg/Kg	☼	10/11/25 07:01	10/11/25 20:04	1
2,6-Dinitrotoluene	0.070	U	0.070	0.025	mg/Kg	☼	10/11/25 07:01	10/11/25 20:04	1
2-Chloronaphthalene	0.35	U	0.35	0.045	mg/Kg	☼	10/11/25 07:01	10/11/25 20:04	1
2-Chlorophenol	0.35	U	0.35	0.012	mg/Kg	☼	10/11/25 07:01	10/11/25 20:04	1
2-Methylnaphthalene	0.35	U	0.35	0.0097	mg/Kg	☼	10/11/25 07:01	10/11/25 20:04	1
2-Methylphenol	0.35	U	0.35	0.013	mg/Kg	☼	10/11/25 07:01	10/11/25 20:04	1
2-Nitroaniline	0.35	U	0.35	0.026	mg/Kg	☼	10/11/25 07:01	10/11/25 20:04	1
2-Nitrophenol	0.35	U	0.35	0.035	mg/Kg	☼	10/11/25 07:01	10/11/25 20:04	1
3 & 4 Methylphenol	0.35	U	0.35	0.022	mg/Kg	☼	10/11/25 07:01	10/11/25 20:04	1
3,3'-Dichlorobenzidine	0.14	U	0.14	0.052	mg/Kg	☼	10/11/25 07:01	10/11/25 20:04	1
3-Nitroaniline	0.35	U	0.35	0.082	mg/Kg	☼	10/11/25 07:01	10/11/25 20:04	1
4,6-Dinitro-2-methylphenol	0.28	U	0.28	0.14	mg/Kg	☼	10/11/25 07:01	10/11/25 20:04	1
4-Bromophenyl phenyl ether	0.35	U	0.35	0.014	mg/Kg	☼	10/11/25 07:01	10/11/25 20:04	1
4-Chloro-3-methylphenol	0.35	U	0.35	0.019	mg/Kg	☼	10/11/25 07:01	10/11/25 20:04	1
4-Chloroaniline	0.35	U	0.35	0.062	mg/Kg	☼	10/11/25 07:01	10/11/25 20:04	1
4-Chlorophenyl phenyl ether	0.35	U	0.35	0.012	mg/Kg	☼	10/11/25 07:01	10/11/25 20:04	1
4-Methylphenol	0.35	U	0.35	0.022	mg/Kg	☼	10/11/25 07:01	10/11/25 20:04	1
4-Nitroaniline	0.35	U	0.35	0.088	mg/Kg	☼	10/11/25 07:01	10/11/25 20:04	1
4-Nitrophenol	0.70	U	0.70	0.056	mg/Kg	☼	10/11/25 07:01	10/11/25 20:04	1
Acenaphthene	0.35	U	0.35	0.0099	mg/Kg	☼	10/11/25 07:01	10/11/25 20:04	1
Acenaphthylene	0.35	U	0.35	0.0099	mg/Kg	☼	10/11/25 07:01	10/11/25 20:04	1
Acetophenone	0.35	U	0.35	0.017	mg/Kg	☼	10/11/25 07:01	10/11/25 20:04	1
Anthracene	0.35	U	0.35	0.011	mg/Kg	☼	10/11/25 07:01	10/11/25 20:04	1
Atrazine	0.14	U *	0.14	0.020	mg/Kg	☼	10/11/25 07:01	10/11/25 20:04	1
Benzaldehyde	0.35	U	0.35	0.057	mg/Kg	☼	10/11/25 07:01	10/11/25 20:04	1
Benzo[a]anthracene	0.035	U	0.035	0.026	mg/Kg	☼	10/11/25 07:01	10/11/25 20:04	1
Benzo[a]pyrene	0.035	U	0.035	0.0092	mg/Kg	☼	10/11/25 07:01	10/11/25 20:04	1
Benzo[b]fluoranthene	0.035	U	0.035	0.0090	mg/Kg	☼	10/11/25 07:01	10/11/25 20:04	1
Benzo[g,h,i]perylene	**0.015**	**J**	0.35	0.010	mg/Kg	☼	10/11/25 07:01	10/11/25 20:04	1
Benzo[k]fluoranthene	0.035	U	0.035	0.0068	mg/Kg	☼	10/11/25 07:01	10/11/25 20:04	1
Bis(2-chloroethoxy)methane	0.35	U	0.35	0.064	mg/Kg	☼	10/11/25 07:01	10/11/25 20:04	1
Bis(2-chloroethyl)ether	0.035	U	0.035	0.012	mg/Kg	☼	10/11/25 07:01	10/11/25 20:04	1
Bis(2-ethylhexyl) phthalate	0.35	U	0.35	0.018	mg/Kg	☼	10/11/25 07:01	10/11/25 20:04	1
Butyl benzyl phthalate	0.35	U	0.35	0.016	mg/Kg	☼	10/11/25 07:01	10/11/25 20:04	1
Caprolactam	0.35	U *	0.35	0.054	mg/Kg	☼	10/11/25 07:01	10/11/25 20:04	1
Carbazole	0.35	U	0.35	0.013	mg/Kg	☼	10/11/25 07:01	10/11/25 20:04	1
Chrysene	0.35	U	0.35	0.015	mg/Kg	☼	10/11/25 07:01	10/11/25 20:04	1
Dibenz(a,h)anthracene	0.035	U	0.035	0.015	mg/Kg	☼	10/11/25 07:01	10/11/25 20:04	1
Dibenzofuran	0.35	U	0.35	0.012	mg/Kg	☼	10/11/25 07:01	10/11/25 20:04	1

Client Sample ID: 3B_0-7
Date Collected: 10/09/25 13:30
Date Received: 10/09/25 16:58

Lab Sample ID: 460-336881-11
Matrix: Solid
Percent Solids: 94.8

Method: SW846 8270E - Semivolatile Organic Compounds (GC/MS) (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Diethyl phthalate	0.35	U	0.35	0.011	mg/Kg	☼	10/11/25 07:01	10/11/25 20:04	1
Dimethyl phthalate	0.35	U	0.35	0.079	mg/Kg	☼	10/11/25 07:01	10/11/25 20:04	1
Di-n-butyl phthalate	0.35	U	0.35	0.013	mg/Kg	☼	10/11/25 07:01	10/11/25 20:04	1
Di-n-octyl phthalate	0.35	U	0.35	0.018	mg/Kg	☼	10/11/25 07:01	10/11/25 20:04	1
Fluoranthene	0.35	U	0.35	0.012	mg/Kg	☼	10/11/25 07:01	10/11/25 20:04	1
Fluorene	0.35	U	0.35	0.010	mg/Kg	☼	10/11/25 07:01	10/11/25 20:04	1
Hexachlorobenzene	0.035	U	0.035	0.016	mg/Kg	☼	10/11/25 07:01	10/11/25 20:04	1
Hexachlorobutadiene	0.070	U	0.070	0.0074	mg/Kg	☼	10/11/25 07:01	10/11/25 20:04	1
Hexachlorocyclopentadiene	0.35	U	0.35	0.030	mg/Kg	☼	10/11/25 07:01	10/11/25 20:04	1
Hexachloroethane	0.035	U	0.035	0.012	mg/Kg	☼	10/11/25 07:01	10/11/25 20:04	1
Indeno[1,2,3-cd]pyrene	**0.025**	**J**	0.035	0.014	mg/Kg	☼	10/11/25 07:01	10/11/25 20:04	1
Isophorone	0.14	U	0.14	0.10	mg/Kg	☼	10/11/25 07:01	10/11/25 20:04	1
Naphthalene	0.35	U	0.35	0.0060	mg/Kg	☼	10/11/25 07:01	10/11/25 20:04	1
Nitrobenzene	0.035	U	0.035	0.019	mg/Kg	☼	10/11/25 07:01	10/11/25 20:04	1
N-Nitrosodi-n-propylamine	0.035	U	0.035	0.025	mg/Kg	☼	10/11/25 07:01	10/11/25 20:04	1
N-Nitrosodiphenylamine	0.35	U	0.35	0.029	mg/Kg	☼	10/11/25 07:01	10/11/25 20:04	1
Pentachlorophenol	0.28	U	0.28	0.071	mg/Kg	☼	10/11/25 07:01	10/11/25 20:04	1
Phenanthrene	0.35	U	0.35	0.014	mg/Kg	☼	10/11/25 07:01	10/11/25 20:04	1
Phenol	0.35	U	0.35	0.013	mg/Kg	☼	10/11/25 07:01	10/11/25 20:04	1
Pyrene	0.35	U	0.35	0.0086	mg/Kg	☼	10/11/25 07:01	10/11/25 20:04	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
2,4,6-Tribromophenol (Surr)	*72*		*18 - 137*	*10/11/25 07:01*	*10/11/25 20:04*	*1*
2-Fluorobiphenyl	*62*		*33 - 117*	*10/11/25 07:01*	*10/11/25 20:04*	*1*
2-Fluorophenol (Surr)	*63*		*24 - 120*	*10/11/25 07:01*	*10/11/25 20:04*	*1*
Nitrobenzene-d5 (Surr)	*59*		*27 - 120*	*10/11/25 07:01*	*10/11/25 20:04*	*1*
Phenol-d5 (Surr)	*63*		*28 - 118*	*10/11/25 07:01*	*10/11/25 20:04*	*1*
Terphenyl-d14 (Surr)	*68*		*33 - 124*	*10/11/25 07:01*	*10/11/25 20:04*	*1*

Method: SW846 8081B - Organochlorine Pesticides (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
4,4'-DDD	0.0071	U	0.0071	0.0012	mg/Kg	☼	10/11/25 17:27	10/12/25 14:07	1
4,4'-DDE	0.0071	U	0.0071	0.00083	mg/Kg	☼	10/11/25 17:27	10/12/25 14:07	1
4,4'-DDT	0.0071	U	0.0071	0.0013	mg/Kg	☼	10/11/25 17:27	10/12/25 14:07	1
Aldrin	0.0071	U	0.0071	0.0011	mg/Kg	☼	10/11/25 17:27	10/12/25 14:07	1
alpha-BHC	0.0021	U *	0.0021	0.00072	mg/Kg	☼	10/11/25 17:27	10/12/25 14:07	1
beta-BHC	0.0021	U	0.0021	0.00079	mg/Kg	☼	10/11/25 17:27	10/12/25 14:07	1
Chlordane (technical)	0.071	U	0.071	0.017	mg/Kg	☼	10/11/25 17:27	10/12/25 14:07	1
cis-Chlordane	0.0071	U	0.0071	0.0011	mg/Kg	☼	10/11/25 17:27	10/12/25 14:07	1
delta-BHC	0.0021	U *	0.0021	0.00043	mg/Kg	☼	10/11/25 17:27	10/12/25 14:07	1
Dieldrin	0.0021	U *	0.0021	0.00092	mg/Kg	☼	10/11/25 17:27	10/12/25 14:07	1
Endosulfan I	0.0071	U	0.0071	0.0011	mg/Kg	☼	10/11/25 17:27	10/12/25 14:07	1
Endosulfan II	0.0071	U	0.0071	0.0018	mg/Kg	☼	10/11/25 17:27	10/12/25 14:07	1
Endosulfan sulfate	0.0071	U	0.0071	0.00089	mg/Kg	☼	10/11/25 17:27	10/12/25 14:07	1
Endrin	0.0071	U	0.0071	0.0010	mg/Kg	☼	10/11/25 17:27	10/12/25 14:07	1
Endrin aldehyde	0.0071	U	0.0071	0.0017	mg/Kg	☼	10/11/25 17:27	10/12/25 14:07	1
Endrin ketone	0.0071	U	0.0071	0.0014	mg/Kg	☼	10/11/25 17:27	10/12/25 14:07	1
gamma-BHC (Lindane)	0.0021	U	0.0021	0.00065	mg/Kg	☼	10/11/25 17:27	10/12/25 14:07	1
Heptachlor	0.0071	U	0.0071	0.00083	mg/Kg	☼	10/11/25 17:27	10/12/25 14:07	1
Heptachlor epoxide	0.0071	U	0.0071	0.0011	mg/Kg	☼	10/11/25 17:27	10/12/25 14:07	1

Client Sample ID: 3B_0-7
Date Collected: 10/09/25 13:30
Date Received: 10/09/25 16:58

Lab Sample ID: 460-336881-11
Matrix: Solid
Percent Solids: 94.8

Method: SW846 8081B - Organochlorine Pesticides (GC) (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Methoxychlor	0.0071	U	0.0071	0.0016	mg/Kg	☼	10/11/25 17:27	10/12/25 14:07	1
Toxaphene	0.071	U	0.071	0.026	mg/Kg	☼	10/11/25 17:27	10/12/25 14:07	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
DCB Decachlorobiphenyl	*82*		*10 - 150*	*10/11/25 17:27*	*10/12/25 14:07*	*1*
DCB Decachlorobiphenyl	*90*		*10 - 150*	*10/11/25 17:27*	*10/12/25 14:07*	*1*
Tetrachloro-m-xylene	*39*		*14 - 150*	*10/11/25 17:27*	*10/12/25 14:07*	*1*
Tetrachloro-m-xylene	*41*		*14 - 150*	*10/11/25 17:27*	*10/12/25 14:07*	*1*

Method: SW846 8082A - Polychlorinated Biphenyls (PCBs) by Gas Chromatography

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Aroclor 1016	0.071	U	0.071	0.019	mg/Kg	☼	10/11/25 17:23	10/14/25 10:34	1
Aroclor 1221	0.071	U	0.071	0.019	mg/Kg	☼	10/11/25 17:23	10/14/25 10:34	1
Aroclor 1232	0.071	U	0.071	0.019	mg/Kg	☼	10/11/25 17:23	10/14/25 10:34	1
Aroclor 1242	0.071	U	0.071	0.019	mg/Kg	☼	10/11/25 17:23	10/14/25 10:34	1
Aroclor 1248	0.071	U	0.071	0.019	mg/Kg	☼	10/11/25 17:23	10/14/25 10:34	1
Aroclor 1254	0.071	U	0.071	0.019	mg/Kg	☼	10/11/25 17:23	10/14/25 10:34	1
Aroclor 1260	0.071	U	0.071	0.019	mg/Kg	☼	10/11/25 17:23	10/14/25 10:34	1
Aroclor-1262	0.071	U	0.071	0.019	mg/Kg	☼	10/11/25 17:23	10/14/25 10:34	1
Aroclor 1268	0.071	U	0.071	0.019	mg/Kg	☼	10/11/25 17:23	10/14/25 10:34	1
Polychlorinated biphenyls, Total	0.071	U	0.071	0.019	mg/Kg	☼	10/11/25 17:23	10/14/25 10:34	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
DCB Decachlorobiphenyl	*69*		*10 - 150*	*10/11/25 17:23*	*10/14/25 10:34*	*1*
DCB Decachlorobiphenyl	*86*		*10 - 150*	*10/11/25 17:23*	*10/14/25 10:34*	*1*
Tetrachloro-m-xylene	*39*		*10 - 150*	*10/11/25 17:23*	*10/14/25 10:34*	*1*
Tetrachloro-m-xylene	*40*		*10 - 150*	*10/11/25 17:23*	*10/14/25 10:34*	*1*

Method: EPA 1633A - Per- and Polyfluoroalkyl Substances by LC/MS/MS, 1633A

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Perfluorobutanoic acid (PFBA)	0.39	U	0.39	0.098	ug/Kg	☼	10/15/25 16:06	10/17/25 07:46	1
Perfluoropentanoic acid (PFPeA)	0.20	U	0.20	0.098	ug/Kg	☼	10/15/25 16:06	10/17/25 07:46	1
Perfluorohexanoic acid (PFHxA)	0.20	U	0.20	0.098	ug/Kg	☼	10/15/25 16:06	10/17/25 07:46	1
Perfluoroheptanoic acid (PFHpA)	0.20	U	0.20	0.098	ug/Kg	☼	10/15/25 16:06	10/17/25 07:46	1
Perfluorooctanoic acid (PFOA)	0.12	U	0.12	0.12	ug/Kg	☼	10/15/25 16:06	10/17/25 07:46	1
Perfluorononanoic acid (PFNA)	**0.13**	**J**	0.20	0.098	ug/Kg	☼	10/15/25 16:06	10/17/25 07:46	1
Perfluorodecanoic acid (PFDA)	**0.061**	**J**	0.20	0.059	ug/Kg	☼	10/15/25 16:06	10/17/25 07:46	1
Perfluoroundecanoic acid (PFUnA)	**2.15**		0.20	0.098	ug/Kg	☼	10/15/25 16:06	10/17/25 07:46	1
Perfluorododecanoic acid (PFDoA)	0.20	U	0.20	0.098	ug/Kg	☼	10/15/25 16:06	10/17/25 07:46	1
Perfluorotridecanoic acid (PFTrDA)	**1.50**		0.20	0.098	ug/Kg	☼	10/15/25 16:06	10/17/25 07:46	1
Perfluorotetradecanoic acid (PFTeDA)	0.20	U	0.20	0.098	ug/Kg	☼	10/15/25 16:06	10/17/25 07:46	1
Perfluorobutanesulfonic acid (PFBS)	0.20	U	0.20	0.098	ug/Kg	☼	10/15/25 16:06	10/17/25 07:46	1
Perfluoropentanesulfonic acid (PFPeS)	0.20	U	0.20	0.098	ug/Kg	☼	10/15/25 16:06	10/17/25 07:46	1
Perfluorohexanesulfonic acid (PFHxS)	0.20	U	0.20	0.098	ug/Kg	☼	10/15/25 16:06	10/17/25 07:46	1
Perfluoroheptanesulfonic acid (PFHpS)	0.20	U	0.20	0.098	ug/Kg	☼	10/15/25 16:06	10/17/25 07:46	1
Perfluorooctanesulfonic acid (PFOS)	0.20	U	0.20	0.098	ug/Kg	☼	10/15/25 16:06	10/17/25 07:46	1
Perfluorononanesulfonic acid (PFNS)	0.20	U	0.20	0.098	ug/Kg	☼	10/15/25 16:06	10/17/25 07:46	1

Client Sample ID: 3B_0-7
Date Collected: 10/09/25 13:30
Date Received: 10/09/25 16:58

Lab Sample ID: 460-336881-11
Matrix: Solid
Percent Solids: 94.8

Method: EPA 1633A - Per- and Polyfluoroalkyl Substances by LC/MS/MS, 1633A (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Perfluorodecanesulfonic acid (PFDS)	0.20	U	0.20	0.098	ug/Kg	☼	10/15/25 16:06	10/17/25 07:46	1
Perfluorododecanesulfonic acid (PFDoS)	0.20	U	0.20	0.098	ug/Kg	☼	10/15/25 16:06	10/17/25 07:46	1
1H,1H,2H,2H-Perfluorohexane sulfonic acid (4:2 FTS)	0.39	U	0.39	0.20	ug/Kg	☼	10/15/25 16:06	10/17/25 07:46	1
1H,1H,2H,2H-Perfluorooctane sulfonic acid (6:2 FTS)	0.39	U	0.39	0.20	ug/Kg	☼	10/15/25 16:06	10/17/25 07:46	1
1H,1H,2H,2H-Perfluorodecane sulfonic acid (8:2 FTS)	0.39	U	0.39	0.20	ug/Kg	☼	10/15/25 16:06	10/17/25 07:46	1
Perfluorooctanesulfonamide (PFOSA)	0.20	U	0.20	0.098	ug/Kg	☼	10/15/25 16:06	10/17/25 07:46	1
N-methylperfluorooctane sulfonamide (NMeFOSA)	0.20	U	0.20	0.098	ug/Kg	☼	10/15/25 16:06	10/17/25 07:46	1
N-ethylperfluorooctane sulfonamide (NEtFOSA)	0.20	U	0.20	0.098	ug/Kg	☼	10/15/25 16:06	10/17/25 07:46	1
N-methylperfluorooctanesulfonamidoacetic acid (NMeFOSAA)	0.20	U	0.20	0.098	ug/Kg	☼	10/15/25 16:06	10/17/25 07:46	1
N-ethylperfluorooctanesulfonamidoacetic acid (NEtFOSAA)	0.20	U	0.20	0.098	ug/Kg	☼	10/15/25 16:06	10/17/25 07:46	1
N-methylperfluorooctane sulfonamidoethanol (NMeFOSE)	0.98	U	0.98	0.49	ug/Kg	☼	10/15/25 16:06	10/17/25 07:46	1
N-ethylperfluorooctane sulfonamidoethanol (NEtFOSE)	0.98	U	0.98	0.49	ug/Kg	☼	10/15/25 16:06	10/17/25 07:46	1
Hexafluoropropylene Oxide Dimer Acid (HFPO-DA)	0.20	U	0.20	0.098	ug/Kg	☼	10/15/25 16:06	10/17/25 07:46	1
4,8-Dioxa-3H-perfluorononanoic acid (ADONA)	0.20	U	0.20	0.098	ug/Kg	☼	10/15/25 16:06	10/17/25 07:46	1
Perfluoro-3-methoxypropanoic acid (PFMPA)	0.20	U	0.20	0.098	ug/Kg	☼	10/15/25 16:06	10/17/25 07:46	1
Perfluoro-4-methoxybutanoic acid (PFMBA)	0.20	U	0.20	0.098	ug/Kg	☼	10/15/25 16:06	10/17/25 07:46	1
Nonafluoro-3,6-dioxaheptanoic acid (NFDHA)	0.20	U	0.20	0.098	ug/Kg	☼	10/15/25 16:06	10/17/25 07:46	1
9-Chlorohexadecafluoro-3-oxanonane-1-sulfonic acid (9Cl-PF3ONS)	0.20	U	0.20	0.098	ug/Kg	☼	10/15/25 16:06	10/17/25 07:46	1
11-Chloroeicosafluoro-3-oxaundecane-1-sulfonic acid (11Cl-PF3OUdS)	0.20	U	0.20	0.098	ug/Kg	☼	10/15/25 16:06	10/17/25 07:46	1
Perfluoro (2-ethoxyethane) sulfonic acid (PFEESA)	0.20	U	0.20	0.098	ug/Kg	☼	10/15/25 16:06	10/17/25 07:46	1
3-Perfluoropropylpropanoic acid (3:3 FTCA)	0.39	U	0.39	0.20	ug/Kg	☼	10/15/25 16:06	10/17/25 07:46	1
3-Perfluoropentylpropanoic acid (5:3 FTCA)	0.98	U	0.98	0.49	ug/Kg	☼	10/15/25 16:06	10/17/25 07:46	1
3-Perfluoroheptylpropanoic acid (7:3 FTCA)	0.98	U	0.98	0.49	ug/Kg	☼	10/15/25 16:06	10/17/25 07:46	1

Isotope Dilution	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
13C4 PFBA	*89.6*		*8 - 130*	*10/15/25 16:06*	*10/17/25 07:46*	*1*
13C5 PFPeA	*90.8*		*35 - 130*	*10/15/25 16:06*	*10/17/25 07:46*	*1*
13C5 PFHxA	*91.4*		*40 - 130*	*10/15/25 16:06*	*10/17/25 07:46*	*1*
13C4 PFHpA	*94.5*		*40 - 130*	*10/15/25 16:06*	*10/17/25 07:46*	*1*
13C8 PFOA	*88.3*		*40 - 130*	*10/15/25 16:06*	*10/17/25 07:46*	*1*
13C9 PFNA	*88.4*		*40 - 130*	*10/15/25 16:06*	*10/17/25 07:46*	*1*
13C6 PFDA	*82.4*		*40 - 130*	*10/15/25 16:06*	*10/17/25 07:46*	*1*
13C7 PFUnA	*87.2*		*40 - 130*	*10/15/25 16:06*	*10/17/25 07:46*	*1*
13C2 PFTeDA	*59.9*		*20 - 130*	*10/15/25 16:06*	*10/17/25 07:46*	*1*

Client Sample ID: 3B_0-7

Date Collected: 10/09/25 13:30
Date Received: 10/09/25 16:58

Lab Sample ID: 460-336881-11

Matrix: Solid
Percent Solids: 94.8

Method: EPA 1633A - Per- and Polyfluoroalkyl Substances by LC/MS/MS, 1633A (Continued)

Isotope Dilution	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
13C3 PFBS	87.9		40 - 135	10/15/25 16:06	10/17/25 07:46	1
13C3 PFHxS	82.8		40 - 130	10/15/25 16:06	10/17/25 07:46	1
13C8 PFOS	78.4		40 - 130	10/15/25 16:06	10/17/25 07:46	1
13C8 FOSA	72.8		40 - 130	10/15/25 16:06	10/17/25 07:46	1
d3-NMeFOSAA	83.0		40 - 135	10/15/25 16:06	10/17/25 07:46	1
d5-NEtFOSAA	85.8		40 - 150	10/15/25 16:06	10/17/25 07:46	1
13C2 4:2 FTS	113		40 - 165	10/15/25 16:06	10/17/25 07:46	1
13C2 6:2 FTS	120		40 - 215	10/15/25 16:06	10/17/25 07:46	1
13C2 8:2 FTS	101		40 - 275	10/15/25 16:06	10/17/25 07:46	1
13C3 HFPO-DA	82.5		40 - 130	10/15/25 16:06	10/17/25 07:46	1
d7-N-MeFOSE-M	53.6		20 - 130	10/15/25 16:06	10/17/25 07:46	1
d9-N-EtFOSE-M	40.0		15 - 130	10/15/25 16:06	10/17/25 07:46	1
d5-NEtPFOSA	68.1		10 - 130	10/15/25 16:06	10/17/25 07:46	1
d3-NMePFOSA	72.3		10 - 130	10/15/25 16:06	10/17/25 07:46	1
13C2 PFDoA	77.4		40 - 130	10/15/25 16:06	10/17/25 07:46	1

Method: SW846 6020B - Metals (ICP/MS)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Aluminum	7220		16.1	4.4	mg/Kg	☼	10/16/25 19:30	10/17/25 11:41	1
Antimony	2.3		0.81	0.12	mg/Kg	☼	10/16/25 19:30	10/17/25 11:41	1
Arsenic	7.0		0.81	0.083	mg/Kg	☼	10/16/25 19:30	10/17/25 11:41	1
Barium	45.9		1.6	0.12	mg/Kg	☼	10/16/25 19:30	10/17/25 11:41	1
Beryllium	0.68		0.32	0.018	mg/Kg	☼	10/16/25 19:30	10/17/25 11:41	1
Cadmium	0.26	J	0.81	0.091	mg/Kg	☼	10/16/25 19:30	10/17/25 11:41	1
Calcium	1870		80.5	7.8	mg/Kg	☼	10/16/25 19:30	10/17/25 11:41	1
Chromium	16.1		1.6	0.24	mg/Kg	☼	10/16/25 19:30	10/17/25 11:41	1
Cobalt	6.5		0.81	0.12	mg/Kg	☼	10/16/25 19:30	10/17/25 11:41	1
Copper	39.8		1.6	0.30	mg/Kg	☼	10/16/25 19:30	10/17/25 11:41	1
Iron	20200		48.3	6.2	mg/Kg	☼	10/16/25 19:30	10/17/25 11:41	1
Lead	78.4		0.48	0.16	mg/Kg	☼	10/16/25 19:30	10/17/25 11:41	1
Magnesium	2890		80.5	8.2	mg/Kg	☼	10/16/25 19:30	10/17/25 11:41	1
Manganese	213		3.2	0.32	mg/Kg	☼	10/16/25 19:30	10/17/25 11:41	1
Nickel	13.7		1.6	0.14	mg/Kg	☼	10/16/25 19:30	10/17/25 11:41	1
Potassium	1410		80.5	13.0	mg/Kg	☼	10/16/25 19:30	10/17/25 11:41	1
Selenium	0.28	J	1.0	0.10	mg/Kg	☼	10/16/25 19:30	10/17/25 11:41	1
Silver	0.21	J	0.32	0.072	mg/Kg	☼	10/16/25 19:30	10/17/25 11:41	1
Sodium	64.9	J	80.5	36.8	mg/Kg	☼	10/16/25 19:30	10/17/25 11:41	1
Thallium	0.10	J	0.32	0.033	mg/Kg	☼	10/16/25 19:30	10/17/25 11:41	1
Vanadium	25.7		1.6	0.17	mg/Kg	☼	10/16/25 19:30	10/17/25 11:41	1
Zinc	71.5		6.4	0.88	mg/Kg	☼	10/16/25 19:30	10/17/25 11:41	1

Method: SW846 7471B - Mercury (CVAA)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	0.028		0.017	0.0082	mg/Kg	☼	10/20/25 01:55	10/20/25 09:09	1

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Percent Moisture (EPA Moisture)	5.2		1.0	1.0	%			10/12/25 10:53	1
Percent Solids (EPA Moisture)	94.8		1.0	1.0	%			10/12/25 10:53	1

Client Sample ID: 3B_7-14
Date Collected: 10/09/25 13:35
Date Received: 10/09/25 16:58

Lab Sample ID: 460-336881-12
Matrix: Solid
Percent Solids: 96.2

Method: SW846 8270E - Semivolatile Organic Compounds (GC/MS)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1'-Biphenyl	0.34	U	0.34	0.012	mg/Kg	☼	10/11/25 07:21	10/11/25 14:10	1
1,2,4,5-Tetrachlorobenzene	0.34	U	0.34	0.011	mg/Kg	☼	10/11/25 07:21	10/11/25 14:10	1
1,4-Dioxane	0.034	U	0.034	0.030	mg/Kg	☼	10/11/25 07:21	10/11/25 14:10	1
2,2'-oxybis[1-chloropropane]	0.34	U	0.34	0.021	mg/Kg	☼	10/11/25 07:21	10/11/25 14:10	1
2,3,4,6-Tetrachlorophenol	0.34	U	0.34	0.023	mg/Kg	☼	10/11/25 07:21	10/11/25 14:10	1
2,4,5-Trichlorophenol	0.34	U	0.34	0.035	mg/Kg	☼	10/11/25 07:21	10/11/25 14:10	1
2,4,6-Trichlorophenol	0.14	U	0.14	0.044	mg/Kg	☼	10/11/25 07:21	10/11/25 14:10	1
2,4-Dichlorophenol	0.14	U	0.14	0.022	mg/Kg	☼	10/11/25 07:21	10/11/25 14:10	1
2,4-Dimethylphenol	0.34	U	0.34	0.041	mg/Kg	☼	10/11/25 07:21	10/11/25 14:10	1
2,4-Dinitrophenol	0.28	U	0.28	0.17	mg/Kg	☼	10/11/25 07:21	10/11/25 14:10	1
2,4-Dinitrotoluene	0.069	U	0.069	0.037	mg/Kg	☼	10/11/25 07:21	10/11/25 14:10	1
2,6-Dinitrotoluene	0.069	U	0.069	0.025	mg/Kg	☼	10/11/25 07:21	10/11/25 14:10	1
2-Chloronaphthalene	0.34	U	0.34	0.044	mg/Kg	☼	10/11/25 07:21	10/11/25 14:10	1
2-Chlorophenol	0.34	U	0.34	0.012	mg/Kg	☼	10/11/25 07:21	10/11/25 14:10	1
2-Methylnaphthalene	0.34	U	0.34	0.0096	mg/Kg	☼	10/11/25 07:21	10/11/25 14:10	1
2-Methylphenol	0.34	U	0.34	0.013	mg/Kg	☼	10/11/25 07:21	10/11/25 14:10	1
2-Nitroaniline	0.34	U	0.34	0.026	mg/Kg	☼	10/11/25 07:21	10/11/25 14:10	1
2-Nitrophenol	0.34	U	0.34	0.034	mg/Kg	☼	10/11/25 07:21	10/11/25 14:10	1
3 & 4 Methylphenol	0.34	U	0.34	0.021	mg/Kg	☼	10/11/25 07:21	10/11/25 14:10	1
3,3'-Dichlorobenzidine	0.14	U	0.14	0.052	mg/Kg	☼	10/11/25 07:21	10/11/25 14:10	1
3-Nitroaniline	0.34	U	0.34	0.081	mg/Kg	☼	10/11/25 07:21	10/11/25 14:10	1
4,6-Dinitro-2-methylphenol	0.28	U	0.28	0.14	mg/Kg	☼	10/11/25 07:21	10/11/25 14:10	1
4-Bromophenyl phenyl ether	0.34	U	0.34	0.014	mg/Kg	☼	10/11/25 07:21	10/11/25 14:10	1
4-Chloro-3-methylphenol	0.34	U	0.34	0.019	mg/Kg	☼	10/11/25 07:21	10/11/25 14:10	1
4-Chloroaniline	0.34	U	0.34	0.061	mg/Kg	☼	10/11/25 07:21	10/11/25 14:10	1
4-Chlorophenyl phenyl ether	0.34	U	0.34	0.012	mg/Kg	☼	10/11/25 07:21	10/11/25 14:10	1
4-Methylphenol	0.34	U	0.34	0.021	mg/Kg	☼	10/11/25 07:21	10/11/25 14:10	1
4-Nitroaniline	0.34	U	0.34	0.087	mg/Kg	☼	10/11/25 07:21	10/11/25 14:10	1
4-Nitrophenol	0.69	U	0.69	0.056	mg/Kg	☼	10/11/25 07:21	10/11/25 14:10	1
Acenaphthene	0.34	U	0.34	0.0098	mg/Kg	☼	10/11/25 07:21	10/11/25 14:10	1
Acenaphthylene	0.34	U	0.34	0.0098	mg/Kg	☼	10/11/25 07:21	10/11/25 14:10	1
Acetophenone	0.34	U	0.34	0.017	mg/Kg	☼	10/11/25 07:21	10/11/25 14:10	1
Anthracene	0.34	U	0.34	0.010	mg/Kg	☼	10/11/25 07:21	10/11/25 14:10	1
Atrazine	0.14	U *	0.14	0.020	mg/Kg	☼	10/11/25 07:21	10/11/25 14:10	1
Benzaldehyde	0.34	U	0.34	0.057	mg/Kg	☼	10/11/25 07:21	10/11/25 14:10	1
Benzo[a]anthracene	0.034	U	0.034	0.026	mg/Kg	☼	10/11/25 07:21	10/11/25 14:10	1
Benzo[a]pyrene	0.034	U	0.034	0.0091	mg/Kg	☼	10/11/25 07:21	10/11/25 14:10	1
Benzo[b]fluoranthene	0.034	U	0.034	0.0089	mg/Kg	☼	10/11/25 07:21	10/11/25 14:10	1
Benzo[g,h,i]perylene	0.34	U	0.34	0.010	mg/Kg	☼	10/11/25 07:21	10/11/25 14:10	1
Benzo[k]fluoranthene	0.034	U	0.034	0.0067	mg/Kg	☼	10/11/25 07:21	10/11/25 14:10	1
Bis(2-chloroethoxy)methane	0.34	U	0.34	0.063	mg/Kg	☼	10/11/25 07:21	10/11/25 14:10	1
Bis(2-chloroethyl)ether	0.034	U	0.034	0.012	mg/Kg	☼	10/11/25 07:21	10/11/25 14:10	1
Bis(2-ethylhexyl) phthalate	0.34	U	0.34	0.018	mg/Kg	☼	10/11/25 07:21	10/11/25 14:10	1
Butyl benzyl phthalate	0.34	U	0.34	0.016	mg/Kg	☼	10/11/25 07:21	10/11/25 14:10	1
Caprolactam	0.34	U *	0.34	0.053	mg/Kg	☼	10/11/25 07:21	10/11/25 14:10	1
Carbazole	0.34	U	0.34	0.013	mg/Kg	☼	10/11/25 07:21	10/11/25 14:10	1
Chrysene	0.34	U	0.34	0.014	mg/Kg	☼	10/11/25 07:21	10/11/25 14:10	1
Dibenz(a,h)anthracene	0.034	U	0.034	0.015	mg/Kg	☼	10/11/25 07:21	10/11/25 14:10	1
Dibenzofuran	0.34	U	0.34	0.011	mg/Kg	☼	10/11/25 07:21	10/11/25 14:10	1

Client Sample ID: 3B_7-14
Date Collected: 10/09/25 13:35
Date Received: 10/09/25 16:58

Lab Sample ID: 460-336881-12
Matrix: Solid
Percent Solids: 96.2

Method: SW846 8270E - Semivolatile Organic Compounds (GC/MS) (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Diethyl phthalate	0.34	U	0.34	0.011	mg/Kg	☼	10/11/25 07:21	10/11/25 14:10	1
Dimethyl phthalate	0.34	U	0.34	0.078	mg/Kg	☼	10/11/25 07:21	10/11/25 14:10	1
Di-n-butyl phthalate	0.34	U	0.34	0.013	mg/Kg	☼	10/11/25 07:21	10/11/25 14:10	1
Di-n-octyl phthalate	0.34	U	0.34	0.018	mg/Kg	☼	10/11/25 07:21	10/11/25 14:10	1
Fluoranthene	0.34	U	0.34	0.012	mg/Kg	☼	10/11/25 07:21	10/11/25 14:10	1
Fluorene	0.34	U	0.34	0.010	mg/Kg	☼	10/11/25 07:21	10/11/25 14:10	1
Hexachlorobenzene	0.034	U	0.034	0.016	mg/Kg	☼	10/11/25 07:21	10/11/25 14:10	1
Hexachlorobutadiene	0.069	U	0.069	0.0073	mg/Kg	☼	10/11/25 07:21	10/11/25 14:10	1
Hexachlorocyclopentadiene	0.34	U	0.34	0.030	mg/Kg	☼	10/11/25 07:21	10/11/25 14:10	1
Hexachloroethane	0.034	U	0.034	0.012	mg/Kg	☼	10/11/25 07:21	10/11/25 14:10	1
Indeno[1,2,3-cd]pyrene	0.034	U	0.034	0.013	mg/Kg	☼	10/11/25 07:21	10/11/25 14:10	1
Isophorone	0.14	U	0.14	0.099	mg/Kg	☼	10/11/25 07:21	10/11/25 14:10	1
Naphthalene	0.34	U	0.34	0.0059	mg/Kg	☼	10/11/25 07:21	10/11/25 14:10	1
Nitrobenzene	0.034	U	0.034	0.019	mg/Kg	☼	10/11/25 07:21	10/11/25 14:10	1
N-Nitrosodi-n-propylamine	0.034	U	0.034	0.025	mg/Kg	☼	10/11/25 07:21	10/11/25 14:10	1
N-Nitrosodiphenylamine	0.34	U	0.34	0.028	mg/Kg	☼	10/11/25 07:21	10/11/25 14:10	1
Pentachlorophenol	0.28	U	0.28	0.070	mg/Kg	☼	10/11/25 07:21	10/11/25 14:10	1
Phenanthrene	0.34	U	0.34	0.014	mg/Kg	☼	10/11/25 07:21	10/11/25 14:10	1
Phenol	0.34	U	0.34	0.013	mg/Kg	☼	10/11/25 07:21	10/11/25 14:10	1
Pyrene	0.34	U	0.34	0.0085	mg/Kg	☼	10/11/25 07:21	10/11/25 14:10	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
2,4,6-Tribromophenol (Surr)	*79*		*18 - 137*	*10/11/25 07:21*	*10/11/25 14:10*	*1*
2-Fluorobiphenyl	*78*		*33 - 117*	*10/11/25 07:21*	*10/11/25 14:10*	*1*
2-Fluorophenol (Surr)	*82*		*24 - 120*	*10/11/25 07:21*	*10/11/25 14:10*	*1*
Nitrobenzene-d5 (Surr)	*81*		*27 - 120*	*10/11/25 07:21*	*10/11/25 14:10*	*1*
Phenol-d5 (Surr)	*78*		*28 - 118*	*10/11/25 07:21*	*10/11/25 14:10*	*1*
Terphenyl-d14 (Surr)	*91*		*33 - 124*	*10/11/25 07:21*	*10/11/25 14:10*	*1*

Method: SW846 8081B - Organochlorine Pesticides (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
4,4'-DDD	0.0070	U	0.0070	0.0012	mg/Kg	☼	10/11/25 17:27	10/13/25 14:50	1
4,4'-DDE	0.0070	U	0.0070	0.00082	mg/Kg	☼	10/11/25 17:27	10/13/25 14:50	1
4,4'-DDT	0.0070	U	0.0070	0.0013	mg/Kg	☼	10/11/25 17:27	10/13/25 14:50	1
Aldrin	0.0070	U	0.0070	0.0011	mg/Kg	☼	10/11/25 17:27	10/13/25 14:50	1
alpha-BHC	0.0021	U *	0.0021	0.00071	mg/Kg	☼	10/11/25 17:27	10/13/25 14:50	1
beta-BHC	0.0021	U	0.0021	0.00078	mg/Kg	☼	10/11/25 17:27	10/13/25 14:50	1
Chlordane (technical)	0.070	U	0.070	0.017	mg/Kg	☼	10/11/25 17:27	10/13/25 14:50	1
cis-Chlordane	0.0070	U	0.0070	0.0011	mg/Kg	☼	10/11/25 17:27	10/13/25 14:50	1
delta-BHC	0.0021	U *	0.0021	0.00043	mg/Kg	☼	10/11/25 17:27	10/13/25 14:50	1
Dieldrin	0.0021	U *	0.0021	0.00090	mg/Kg	☼	10/11/25 17:27	10/13/25 14:50	1
Endosulfan I	0.0070	U	0.0070	0.0011	mg/Kg	☼	10/11/25 17:27	10/13/25 14:50	1
Endosulfan II	0.0070	U	0.0070	0.0018	mg/Kg	☼	10/11/25 17:27	10/13/25 14:50	1
Endosulfan sulfate	0.0070	U	0.0070	0.00087	mg/Kg	☼	10/11/25 17:27	10/13/25 14:50	1
Endrin	0.0070	U	0.0070	0.0010	mg/Kg	☼	10/11/25 17:27	10/13/25 14:50	1
Endrin aldehyde	0.0070	U	0.0070	0.0016	mg/Kg	☼	10/11/25 17:27	10/13/25 14:50	1
Endrin ketone	0.0070	U	0.0070	0.0014	mg/Kg	☼	10/11/25 17:27	10/13/25 14:50	1
gamma-BHC (Lindane)	0.0021	U	0.0021	0.00064	mg/Kg	☼	10/11/25 17:27	10/13/25 14:50	1
Heptachlor	0.0070	U	0.0070	0.00082	mg/Kg	☼	10/11/25 17:27	10/13/25 14:50	1
Heptachlor epoxide	0.0070	U	0.0070	0.0010	mg/Kg	☼	10/11/25 17:27	10/13/25 14:50	1

Client Sample ID: 3B_7-14
Date Collected: 10/09/25 13:35
Date Received: 10/09/25 16:58

Lab Sample ID: 460-336881-12
Matrix: Solid
Percent Solids: 96.2

Method: SW846 8081B - Organochlorine Pesticides (GC) (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Methoxychlor	0.0070	U	0.0070	0.0016	mg/Kg	☼	10/11/25 17:27	10/13/25 14:50	1
Toxaphene	0.070	U	0.070	0.025	mg/Kg	☼	10/11/25 17:27	10/13/25 14:50	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
DCB Decachlorobiphenyl	*93*		*10 - 150*	*10/11/25 17:27*	*10/13/25 14:50*	*1*
DCB Decachlorobiphenyl	*130*		*10 - 150*	*10/11/25 17:27*	*10/13/25 14:50*	*1*
Tetrachloro-m-xylene	*37*		*14 - 150*	*10/11/25 17:27*	*10/13/25 14:50*	*1*
Tetrachloro-m-xylene	*46*		*14 - 150*	*10/11/25 17:27*	*10/13/25 14:50*	*1*

Method: SW846 8082A - Polychlorinated Biphenyls (PCBs) by Gas Chromatography

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Aroclor 1016	0.070	U	0.070	0.019	mg/Kg	☼	10/11/25 17:23	10/14/25 10:51	1
Aroclor 1221	0.070	U	0.070	0.019	mg/Kg	☼	10/11/25 17:23	10/14/25 10:51	1
Aroclor 1232	0.070	U	0.070	0.019	mg/Kg	☼	10/11/25 17:23	10/14/25 10:51	1
Aroclor 1242	0.070	U	0.070	0.019	mg/Kg	☼	10/11/25 17:23	10/14/25 10:51	1
Aroclor 1248	0.070	U	0.070	0.019	mg/Kg	☼	10/11/25 17:23	10/14/25 10:51	1
Aroclor 1254	0.070	U	0.070	0.019	mg/Kg	☼	10/11/25 17:23	10/14/25 10:51	1
Aroclor 1260	0.070	U	0.070	0.019	mg/Kg	☼	10/11/25 17:23	10/14/25 10:51	1
Aroclor-1262	0.070	U	0.070	0.019	mg/Kg	☼	10/11/25 17:23	10/14/25 10:51	1
Aroclor 1268	0.070	U	0.070	0.019	mg/Kg	☼	10/11/25 17:23	10/14/25 10:51	1
Polychlorinated biphenyls, Total	0.070	U	0.070	0.019	mg/Kg	☼	10/11/25 17:23	10/14/25 10:51	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
DCB Decachlorobiphenyl	*66*		*10 - 150*	*10/11/25 17:23*	*10/14/25 10:51*	*1*
DCB Decachlorobiphenyl	*82*		*10 - 150*	*10/11/25 17:23*	*10/14/25 10:51*	*1*
Tetrachloro-m-xylene	*34*		*10 - 150*	*10/11/25 17:23*	*10/14/25 10:51*	*1*
Tetrachloro-m-xylene	*35*		*10 - 150*	*10/11/25 17:23*	*10/14/25 10:51*	*1*

Method: EPA 1633A - Per- and Polyfluoroalkyl Substances by LC/MS/MS, 1633A

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Perfluorobutanoic acid (PFBA)	0.39	U	0.39	0.099	ug/Kg	☼	10/15/25 16:06	10/17/25 08:00	1
Perfluoropentanoic acid (PFPeA)	0.20	U	0.20	0.099	ug/Kg	☼	10/15/25 16:06	10/17/25 08:00	1
Perfluorohexanoic acid (PFHxA)	0.20	U	0.20	0.099	ug/Kg	☼	10/15/25 16:06	10/17/25 08:00	1
Perfluoroheptanoic acid (PFHpA)	0.20	U	0.20	0.099	ug/Kg	☼	10/15/25 16:06	10/17/25 08:00	1
Perfluorooctanoic acid (PFOA)	0.12	U	0.12	0.12	ug/Kg	☼	10/15/25 16:06	10/17/25 08:00	1
Perfluorononanoic acid (PFNA)	**0.21**		0.20	0.099	ug/Kg	☼	10/15/25 16:06	10/17/25 08:00	1
Perfluorodecanoic acid (PFDA)	**0.061**	**J**	0.20	0.059	ug/Kg	☼	10/15/25 16:06	10/17/25 08:00	1
Perfluoroundecanoic acid (PFUnA)	**1.58**		0.20	0.099	ug/Kg	☼	10/15/25 16:06	10/17/25 08:00	1
Perfluorododecanoic acid (PFDoA)	0.20	U	0.20	0.099	ug/Kg	☼	10/15/25 16:06	10/17/25 08:00	1
Perfluorotridecanoic acid (PFTrDA)	**1.29**		0.20	0.099	ug/Kg	☼	10/15/25 16:06	10/17/25 08:00	1
Perfluorotetradecanoic acid (PFTeDA)	0.20	U	0.20	0.099	ug/Kg	☼	10/15/25 16:06	10/17/25 08:00	1
Perfluorobutanesulfonic acid (PFBS)	0.20	U	0.20	0.099	ug/Kg	☼	10/15/25 16:06	10/17/25 08:00	1
Perfluoropentanesulfonic acid (PFPeS)	0.20	U	0.20	0.099	ug/Kg	☼	10/15/25 16:06	10/17/25 08:00	1
Perfluorohexanesulfonic acid (PFHxS)	0.20	U	0.20	0.099	ug/Kg	☼	10/15/25 16:06	10/17/25 08:00	1
Perfluoroheptanesulfonic acid (PFHpS)	0.20	U	0.20	0.099	ug/Kg	☼	10/15/25 16:06	10/17/25 08:00	1
Perfluorooctanesulfonic acid (PFOS)	0.20	U	0.20	0.099	ug/Kg	☼	10/15/25 16:06	10/17/25 08:00	1
Perfluorononanesulfonic acid (PFNS)	0.20	U	0.20	0.099	ug/Kg	☼	10/15/25 16:06	10/17/25 08:00	1

Client Sample ID: 3B_7-14
Date Collected: 10/09/25 13:35
Date Received: 10/09/25 16:58

Lab Sample ID: 460-336881-12
Matrix: Solid
Percent Solids: 96.2

Method: EPA 1633A - Per- and Polyfluoroalkyl Substances by LC/MS/MS, 1633A (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Perfluorodecanesulfonic acid (PFDS)	0.20	U	0.20	0.099	ug/Kg	☼	10/15/25 16:06	10/17/25 08:00	1
Perfluorododecanesulfonic acid (PFDoS)	0.20	U	0.20	0.099	ug/Kg	☼	10/15/25 16:06	10/17/25 08:00	1
1H,1H,2H,2H-Perfluorohexane sulfonic acid (4:2 FTS)	0.39	U	0.39	0.20	ug/Kg	☼	10/15/25 16:06	10/17/25 08:00	1
1H,1H,2H,2H-Perfluorooctane sulfonic acid (6:2 FTS)	0.39	U	0.39	0.20	ug/Kg	☼	10/15/25 16:06	10/17/25 08:00	1
1H,1H,2H,2H-Perfluorodecane sulfonic acid (8:2 FTS)	0.39	U	0.39	0.20	ug/Kg	☼	10/15/25 16:06	10/17/25 08:00	1
Perfluorooctanesulfonamide (PFOSA)	0.20	U	0.20	0.099	ug/Kg	☼	10/15/25 16:06	10/17/25 08:00	1
N-methylperfluorooctane sulfonamide (NMeFOSA)	0.20	U	0.20	0.099	ug/Kg	☼	10/15/25 16:06	10/17/25 08:00	1
N-ethylperfluorooctane sulfonamide (NEtFOSA)	0.20	U	0.20	0.099	ug/Kg	☼	10/15/25 16:06	10/17/25 08:00	1
N-methylperfluorooctanesulfonamidoacetic acid (NMeFOSAA)	0.20	U	0.20	0.099	ug/Kg	☼	10/15/25 16:06	10/17/25 08:00	1
N-ethylperfluorooctanesulfonamidoacetic acid (NEtFOSAA)	0.20	U	0.20	0.099	ug/Kg	☼	10/15/25 16:06	10/17/25 08:00	1
N-methylperfluorooctane sulfonamidoethanol (NMeFOSE)	0.99	U	0.99	0.49	ug/Kg	☼	10/15/25 16:06	10/17/25 08:00	1
N-ethylperfluorooctane sulfonamidoethanol (NEtFOSE)	0.99	U	0.99	0.49	ug/Kg	☼	10/15/25 16:06	10/17/25 08:00	1
Hexafluoropropylene Oxide Dimer Acid (HFPO-DA)	0.20	U	0.20	0.099	ug/Kg	☼	10/15/25 16:06	10/17/25 08:00	1
4,8-Dioxa-3H-perfluorononanoic acid (ADONA)	0.20	U	0.20	0.099	ug/Kg	☼	10/15/25 16:06	10/17/25 08:00	1
Perfluoro-3-methoxypropanoic acid (PFMPA)	0.20	U	0.20	0.099	ug/Kg	☼	10/15/25 16:06	10/17/25 08:00	1
Perfluoro-4-methoxybutanoic acid (PFMBA)	0.20	U	0.20	0.099	ug/Kg	☼	10/15/25 16:06	10/17/25 08:00	1
Nonafluoro-3,6-dioxaheptanoic acid (NFDHA)	0.20	U	0.20	0.099	ug/Kg	☼	10/15/25 16:06	10/17/25 08:00	1
9-Chlorohexadecafluoro-3-oxanonane-1-sulfonic acid (9Cl-PF3ONS)	0.20	U	0.20	0.099	ug/Kg	☼	10/15/25 16:06	10/17/25 08:00	1
11-Chloroeicosafluoro-3-oxaundecane-1-sulfonic acid (11Cl-PF3OUdS)	0.20	U	0.20	0.099	ug/Kg	☼	10/15/25 16:06	10/17/25 08:00	1
Perfluoro (2-ethoxyethane) sulfonic acid (PFEESA)	0.20	U	0.20	0.099	ug/Kg	☼	10/15/25 16:06	10/17/25 08:00	1
3-Perfluoropropylpropanoic acid (3:3 FTCA)	0.39	U	0.39	0.20	ug/Kg	☼	10/15/25 16:06	10/17/25 08:00	1
3-Perfluoropentylpropanoic acid (5:3 FTCA)	0.99	U	0.99	0.49	ug/Kg	☼	10/15/25 16:06	10/17/25 08:00	1
3-Perfluoroheptylpropanoic acid (7:3 FTCA)	0.99	U	0.99	0.49	ug/Kg	☼	10/15/25 16:06	10/17/25 08:00	1

Isotope Dilution	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
13C4 PFBA	*87.3*		*8 - 130*	*10/15/25 16:06*	*10/17/25 08:00*	*1*
13C5 PFPeA	*83.7*		*35 - 130*	*10/15/25 16:06*	*10/17/25 08:00*	*1*
13C5 PFHxA	*87.9*		*40 - 130*	*10/15/25 16:06*	*10/17/25 08:00*	*1*
13C4 PFHpA	*89.3*		*40 - 130*	*10/15/25 16:06*	*10/17/25 08:00*	*1*
13C8 PFOA	*85.1*		*40 - 130*	*10/15/25 16:06*	*10/17/25 08:00*	*1*
13C9 PFNA	*87.1*		*40 - 130*	*10/15/25 16:06*	*10/17/25 08:00*	*1*
13C6 PFDA	*81.6*		*40 - 130*	*10/15/25 16:06*	*10/17/25 08:00*	*1*
13C7 PFUnA	*90.1*		*40 - 130*	*10/15/25 16:06*	*10/17/25 08:00*	*1*
13C2 PFTeDA	*75.8*		*20 - 130*	*10/15/25 16:06*	*10/17/25 08:00*	*1*

Client Sample ID: 3B_7-14

Date Collected: 10/09/25 13:35
Date Received: 10/09/25 16:58

Lab Sample ID: 460-336881-12

Matrix: Solid
Percent Solids: 96.2

Method: EPA 1633A - Per- and Polyfluoroalkyl Substances by LC/MS/MS, 1633A (Continued)

Isotope Dilution	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
13C3 PFBS	83.1		40 - 135	10/15/25 16:06	10/17/25 08:00	1
13C3 PFHxS	82.5		40 - 130	10/15/25 16:06	10/17/25 08:00	1
13C8 PFOS	82.0		40 - 130	10/15/25 16:06	10/17/25 08:00	1
13C8 FOSA	75.3		40 - 130	10/15/25 16:06	10/17/25 08:00	1
d3-NMeFOSAA	85.0		40 - 135	10/15/25 16:06	10/17/25 08:00	1
d5-NEtFOSAA	96.4		40 - 150	10/15/25 16:06	10/17/25 08:00	1
13C2 4:2 FTS	148		40 - 165	10/15/25 16:06	10/17/25 08:00	1
13C2 6:2 FTS	156		40 - 215	10/15/25 16:06	10/17/25 08:00	1
13C2 8:2 FTS	132		40 - 275	10/15/25 16:06	10/17/25 08:00	1
13C3 HFPO-DA	80.0		40 - 130	10/15/25 16:06	10/17/25 08:00	1
d7-N-MeFOSE-M	55.8		20 - 130	10/15/25 16:06	10/17/25 08:00	1
d9-N-EtFOSE-M	43.4		15 - 130	10/15/25 16:06	10/17/25 08:00	1
d5-NEtPFOSA	65.5		10 - 130	10/15/25 16:06	10/17/25 08:00	1
d3-NMePFOSA	71.9		10 - 130	10/15/25 16:06	10/17/25 08:00	1
13C2 PFDoA	79.8		40 - 130	10/15/25 16:06	10/17/25 08:00	1

Method: SW846 6020B - Metals (ICP/MS)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Aluminum	7450		16.0	4.4	mg/Kg	☼	10/16/25 19:30	10/17/25 11:44	1
Antimony	0.90		0.80	0.12	mg/Kg	☼	10/16/25 19:30	10/17/25 11:44	1
Arsenic	4.6		0.80	0.082	mg/Kg	☼	10/16/25 19:30	10/17/25 11:44	1
Barium	64.1		1.6	0.12	mg/Kg	☼	10/16/25 19:30	10/17/25 11:44	1
Beryllium	0.59		0.32	0.018	mg/Kg	☼	10/16/25 19:30	10/17/25 11:44	1
Cadmium	0.13	J	0.80	0.090	mg/Kg	☼	10/16/25 19:30	10/17/25 11:44	1
Calcium	2240		80.0	7.8	mg/Kg	☼	10/16/25 19:30	10/17/25 11:44	1
Chromium	14.8		1.6	0.24	mg/Kg	☼	10/16/25 19:30	10/17/25 11:44	1
Cobalt	7.0		0.80	0.12	mg/Kg	☼	10/16/25 19:30	10/17/25 11:44	1
Copper	24.1		1.6	0.29	mg/Kg	☼	10/16/25 19:30	10/17/25 11:44	1
Iron	16800		48.0	6.1	mg/Kg	☼	10/16/25 19:30	10/17/25 11:44	1
Lead	27.5		0.48	0.16	mg/Kg	☼	10/16/25 19:30	10/17/25 11:44	1
Magnesium	2650		80.0	8.2	mg/Kg	☼	10/16/25 19:30	10/17/25 11:44	1
Manganese	282		3.2	0.32	mg/Kg	☼	10/16/25 19:30	10/17/25 11:44	1
Nickel	14.9		1.6	0.14	mg/Kg	☼	10/16/25 19:30	10/17/25 11:44	1
Potassium	1380		80.0	13.0	mg/Kg	☼	10/16/25 19:30	10/17/25 11:44	1
Selenium	0.14	J	1.0	0.10	mg/Kg	☼	10/16/25 19:30	10/17/25 11:44	1
Silver	0.082	J	0.32	0.071	mg/Kg	☼	10/16/25 19:30	10/17/25 11:44	1
Sodium	73.3	J	80.0	36.6	mg/Kg	☼	10/16/25 19:30	10/17/25 11:44	1
Thallium	0.12	J	0.32	0.033	mg/Kg	☼	10/16/25 19:30	10/17/25 11:44	1
Vanadium	23.4		1.6	0.16	mg/Kg	☼	10/16/25 19:30	10/17/25 11:44	1
Zinc	47.0		6.4	0.87	mg/Kg	☼	10/16/25 19:30	10/17/25 11:44	1

Method: SW846 7471B - Mercury (CVAA)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	0.016	J	0.017	0.0078	mg/Kg	☼	10/20/25 01:55	10/20/25 09:12	1

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Percent Moisture (EPA Moisture)	3.8		1.0	1.0	%			10/12/25 10:53	1
Percent Solids (EPA Moisture)	96.2		1.0	1.0	%			10/12/25 10:53	1

Client Sample ID: 3F_0-7
Date Collected: 10/09/25 13:40
Date Received: 10/09/25 16:58

Lab Sample ID: 460-336881-13
Matrix: Solid
Percent Solids: 94.4

Method: SW846 8270E - Semivolatile Organic Compounds (GC/MS)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1'-Biphenyl	0.35	U	0.35	0.012	mg/Kg	☼	10/11/25 07:21	10/11/25 15:16	1
1,2,4,5-Tetrachlorobenzene	0.35	U	0.35	0.011	mg/Kg	☼	10/11/25 07:21	10/11/25 15:16	1
1,4-Dioxane	0.035	U	0.035	0.031	mg/Kg	☼	10/11/25 07:21	10/11/25 15:16	1
2,2'-oxybis[1-chloropropane]	0.35	U	0.35	0.021	mg/Kg	☼	10/11/25 07:21	10/11/25 15:16	1
2,3,4,6-Tetrachlorophenol	0.35	U	0.35	0.024	mg/Kg	☼	10/11/25 07:21	10/11/25 15:16	1
2,4,5-Trichlorophenol	0.35	U	0.35	0.036	mg/Kg	☼	10/11/25 07:21	10/11/25 15:16	1
2,4,6-Trichlorophenol	0.14	U	0.14	0.045	mg/Kg	☼	10/11/25 07:21	10/11/25 15:16	1
2,4-Dichlorophenol	0.14	U	0.14	0.022	mg/Kg	☼	10/11/25 07:21	10/11/25 15:16	1
2,4-Dimethylphenol	0.35	U	0.35	0.042	mg/Kg	☼	10/11/25 07:21	10/11/25 15:16	1
2,4-Dinitrophenol	0.28	U	0.28	0.17	mg/Kg	☼	10/11/25 07:21	10/11/25 15:16	1
2,4-Dinitrotoluene	0.071	U	0.071	0.038	mg/Kg	☼	10/11/25 07:21	10/11/25 15:16	1
2,6-Dinitrotoluene	0.071	U	0.071	0.025	mg/Kg	☼	10/11/25 07:21	10/11/25 15:16	1
2-Chloronaphthalene	0.35	U	0.35	0.045	mg/Kg	☼	10/11/25 07:21	10/11/25 15:16	1
2-Chlorophenol	0.35	U	0.35	0.012	mg/Kg	☼	10/11/25 07:21	10/11/25 15:16	1
2-Methylnaphthalene	0.35	U	0.35	0.0098	mg/Kg	☼	10/11/25 07:21	10/11/25 15:16	1
2-Methylphenol	0.35	U	0.35	0.013	mg/Kg	☼	10/11/25 07:21	10/11/25 15:16	1
2-Nitroaniline	0.35	U	0.35	0.027	mg/Kg	☼	10/11/25 07:21	10/11/25 15:16	1
2-Nitrophenol	0.35	U	0.35	0.035	mg/Kg	☼	10/11/25 07:21	10/11/25 15:16	1
3 & 4 Methylphenol	0.35	U	0.35	0.022	mg/Kg	☼	10/11/25 07:21	10/11/25 15:16	1
3,3'-Dichlorobenzidine	0.14	U	0.14	0.053	mg/Kg	☼	10/11/25 07:21	10/11/25 15:16	1
3-Nitroaniline	0.35	U	0.35	0.083	mg/Kg	☼	10/11/25 07:21	10/11/25 15:16	1
4,6-Dinitro-2-methylphenol	0.28	U	0.28	0.14	mg/Kg	☼	10/11/25 07:21	10/11/25 15:16	1
4-Bromophenyl phenyl ether	0.35	U	0.35	0.014	mg/Kg	☼	10/11/25 07:21	10/11/25 15:16	1
4-Chloro-3-methylphenol	0.35	U	0.35	0.020	mg/Kg	☼	10/11/25 07:21	10/11/25 15:16	1
4-Chloroaniline	0.35	U	0.35	0.062	mg/Kg	☼	10/11/25 07:21	10/11/25 15:16	1
4-Chlorophenyl phenyl ether	0.35	U	0.35	0.012	mg/Kg	☼	10/11/25 07:21	10/11/25 15:16	1
4-Methylphenol	0.35	U	0.35	0.022	mg/Kg	☼	10/11/25 07:21	10/11/25 15:16	1
4-Nitroaniline	0.35	U	0.35	0.089	mg/Kg	☼	10/11/25 07:21	10/11/25 15:16	1
4-Nitrophenol	0.71	U	0.71	0.057	mg/Kg	☼	10/11/25 07:21	10/11/25 15:16	1
Acenaphthene	0.35	U	0.35	0.010	mg/Kg	☼	10/11/25 07:21	10/11/25 15:16	1
Acenaphthylene	0.35	U	0.35	0.010	mg/Kg	☼	10/11/25 07:21	10/11/25 15:16	1
Acetophenone	0.35	U	0.35	0.017	mg/Kg	☼	10/11/25 07:21	10/11/25 15:16	1
Anthracene	0.35	U	0.35	0.011	mg/Kg	☼	10/11/25 07:21	10/11/25 15:16	1
Atrazine	0.14	U *	0.14	0.021	mg/Kg	☼	10/11/25 07:21	10/11/25 15:16	1
Benzaldehyde	0.35	U	0.35	0.058	mg/Kg	☼	10/11/25 07:21	10/11/25 15:16	1
Benzo[a]anthracene	0.035	U	0.035	0.026	mg/Kg	☼	10/11/25 07:21	10/11/25 15:16	1
Benzo[a]pyrene	0.035	U	0.035	0.0093	mg/Kg	☼	10/11/25 07:21	10/11/25 15:16	1
Benzo[b]fluoranthene	0.035	U	0.035	0.0090	mg/Kg	☼	10/11/25 07:21	10/11/25 15:16	1
Benzo[g,h,i]perylene	0.35	U	0.35	0.010	mg/Kg	☼	10/11/25 07:21	10/11/25 15:16	1
Benzo[k]fluoranthene	0.035	U	0.035	0.0069	mg/Kg	☼	10/11/25 07:21	10/11/25 15:16	1
Bis(2-chloroethoxy)methane	0.35	U	0.35	0.065	mg/Kg	☼	10/11/25 07:21	10/11/25 15:16	1
Bis(2-chloroethyl)ether	0.035	U	0.035	0.012	mg/Kg	☼	10/11/25 07:21	10/11/25 15:16	1
Bis(2-ethylhexyl) phthalate	0.35	U	0.35	0.018	mg/Kg	☼	10/11/25 07:21	10/11/25 15:16	1
Butyl benzyl phthalate	0.35	U	0.35	0.016	mg/Kg	☼	10/11/25 07:21	10/11/25 15:16	1
Caprolactam	0.35	U *	0.35	0.054	mg/Kg	☼	10/11/25 07:21	10/11/25 15:16	1
Carbazole	0.35	U	0.35	0.013	mg/Kg	☼	10/11/25 07:21	10/11/25 15:16	1
Chrysene	0.35	U	0.35	0.015	mg/Kg	☼	10/11/25 07:21	10/11/25 15:16	1
Dibenz(a,h)anthracene	0.035	U	0.035	0.015	mg/Kg	☼	10/11/25 07:21	10/11/25 15:16	1
Dibenzofuran	0.35	U	0.35	0.012	mg/Kg	☼	10/11/25 07:21	10/11/25 15:16	1

Client Sample ID: 3F_0-7
Date Collected: 10/09/25 13:40
Date Received: 10/09/25 16:58

Lab Sample ID: 460-336881-13
Matrix: Solid
Percent Solids: 94.4

Method: SW846 8270E - Semivolatile Organic Compounds (GC/MS) (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Diethyl phthalate	0.35	U	0.35	0.011	mg/Kg	☼	10/11/25 07:21	10/11/25 15:16	1
Dimethyl phthalate	0.35	U	0.35	0.079	mg/Kg	☼	10/11/25 07:21	10/11/25 15:16	1
Di-n-butyl phthalate	0.35	U	0.35	0.013	mg/Kg	☼	10/11/25 07:21	10/11/25 15:16	1
Di-n-octyl phthalate	0.35	U	0.35	0.019	mg/Kg	☼	10/11/25 07:21	10/11/25 15:16	1
Fluoranthene	0.35	U	0.35	0.012	mg/Kg	☼	10/11/25 07:21	10/11/25 15:16	1
Fluorene	0.35	U	0.35	0.010	mg/Kg	☼	10/11/25 07:21	10/11/25 15:16	1
Hexachlorobenzene	0.035	U	0.035	0.017	mg/Kg	☼	10/11/25 07:21	10/11/25 15:16	1
Hexachlorobutadiene	0.071	U	0.071	0.0074	mg/Kg	☼	10/11/25 07:21	10/11/25 15:16	1
Hexachlorocyclopentadiene	0.35	U	0.35	0.031	mg/Kg	☼	10/11/25 07:21	10/11/25 15:16	1
Hexachloroethane	0.035	U	0.035	0.012	mg/Kg	☼	10/11/25 07:21	10/11/25 15:16	1
Indeno[1,2,3-cd]pyrene	0.035	U	0.035	0.014	mg/Kg	☼	10/11/25 07:21	10/11/25 15:16	1
Isophorone	0.14	U	0.14	0.10	mg/Kg	☼	10/11/25 07:21	10/11/25 15:16	1
Naphthalene	0.35	U	0.35	0.0060	mg/Kg	☼	10/11/25 07:21	10/11/25 15:16	1
Nitrobenzene	0.035	U	0.035	0.019	mg/Kg	☼	10/11/25 07:21	10/11/25 15:16	1
N-Nitrosodi-n-propylamine	0.035	U	0.035	0.025	mg/Kg	☼	10/11/25 07:21	10/11/25 15:16	1
N-Nitrosodiphenylamine	0.35	U	0.35	0.029	mg/Kg	☼	10/11/25 07:21	10/11/25 15:16	1
Pentachlorophenol	0.28	U	0.28	0.072	mg/Kg	☼	10/11/25 07:21	10/11/25 15:16	1
Phenanthrene	0.35	U	0.35	0.014	mg/Kg	☼	10/11/25 07:21	10/11/25 15:16	1
Phenol	0.35	U	0.35	0.013	mg/Kg	☼	10/11/25 07:21	10/11/25 15:16	1
Pyrene	0.35	U	0.35	0.0087	mg/Kg	☼	10/11/25 07:21	10/11/25 15:16	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
2,4,6-Tribromophenol (Surr)	*56*		*18 - 137*	*10/11/25 07:21*	*10/11/25 15:16*	*1*
2-Fluorobiphenyl	*51*		*33 - 117*	*10/11/25 07:21*	*10/11/25 15:16*	*1*
2-Fluorophenol (Surr)	*55*		*24 - 120*	*10/11/25 07:21*	*10/11/25 15:16*	*1*
Nitrobenzene-d5 (Surr)	*53*		*27 - 120*	*10/11/25 07:21*	*10/11/25 15:16*	*1*
Phenol-d5 (Surr)	*54*		*28 - 118*	*10/11/25 07:21*	*10/11/25 15:16*	*1*
Terphenyl-d14 (Surr)	*59*		*33 - 124*	*10/11/25 07:21*	*10/11/25 15:16*	*1*

Method: SW846 8081B - Organochlorine Pesticides (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
4,4'-DDD	0.0071	U	0.0071	0.0012	mg/Kg	☼	10/11/25 17:27	10/13/25 15:06	1
4,4'-DDE	0.0071	U	0.0071	0.00084	mg/Kg	☼	10/11/25 17:27	10/13/25 15:06	1
4,4'-DDT	0.0071	U	0.0071	0.0013	mg/Kg	☼	10/11/25 17:27	10/13/25 15:06	1
Aldrin	0.0071	U	0.0071	0.0011	mg/Kg	☼	10/11/25 17:27	10/13/25 15:06	1
alpha-BHC	0.0021	U *	0.0021	0.00072	mg/Kg	☼	10/11/25 17:27	10/13/25 15:06	1
beta-BHC	0.0021	U	0.0021	0.00079	mg/Kg	☼	10/11/25 17:27	10/13/25 15:06	1
Chlordane (technical)	0.071	U	0.071	0.017	mg/Kg	☼	10/11/25 17:27	10/13/25 15:06	1
cis-Chlordane	0.0071	U	0.0071	0.0011	mg/Kg	☼	10/11/25 17:27	10/13/25 15:06	1
delta-BHC	0.0021	U *	0.0021	0.00043	mg/Kg	☼	10/11/25 17:27	10/13/25 15:06	1
Dieldrin	0.0021	U *	0.0021	0.00092	mg/Kg	☼	10/11/25 17:27	10/13/25 15:06	1
Endosulfan I	0.0071	U	0.0071	0.0011	mg/Kg	☼	10/11/25 17:27	10/13/25 15:06	1
Endosulfan II	0.0071	U	0.0071	0.0018	mg/Kg	☼	10/11/25 17:27	10/13/25 15:06	1
Endosulfan sulfate	0.0071	U	0.0071	0.00089	mg/Kg	☼	10/11/25 17:27	10/13/25 15:06	1
Endrin	0.0071	U	0.0071	0.0010	mg/Kg	☼	10/11/25 17:27	10/13/25 15:06	1
Endrin aldehyde	0.0071	U	0.0071	0.0017	mg/Kg	☼	10/11/25 17:27	10/13/25 15:06	1
Endrin ketone	0.0071	U	0.0071	0.0014	mg/Kg	☼	10/11/25 17:27	10/13/25 15:06	1
gamma-BHC (Lindane)	0.0021	U	0.0021	0.00066	mg/Kg	☼	10/11/25 17:27	10/13/25 15:06	1
Heptachlor	0.0071	U	0.0071	0.00084	mg/Kg	☼	10/11/25 17:27	10/13/25 15:06	1
Heptachlor epoxide	0.0071	U	0.0071	0.0011	mg/Kg	☼	10/11/25 17:27	10/13/25 15:06	1

Client Sample ID: 3F_0-7
Date Collected: 10/09/25 13:40
Date Received: 10/09/25 16:58

Lab Sample ID: 460-336881-13
Matrix: Solid
Percent Solids: 94.4

Method: SW846 8081B - Organochlorine Pesticides (GC) (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Methoxychlor	0.0071	U	0.0071	0.0016	mg/Kg	☼	10/11/25 17:27	10/13/25 15:06	1
Toxaphene	0.071	U	0.071	0.026	mg/Kg	☼	10/11/25 17:27	10/13/25 15:06	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
DCB Decachlorobiphenyl	*96*		*10 - 150*	*10/11/25 17:27*	*10/13/25 15:06*	*1*
DCB Decachlorobiphenyl	*110*		*10 - 150*	*10/11/25 17:27*	*10/13/25 15:06*	*1*
Tetrachloro-m-xylene	*28*		*14 - 150*	*10/11/25 17:27*	*10/13/25 15:06*	*1*
Tetrachloro-m-xylene	*26*		*14 - 150*	*10/11/25 17:27*	*10/13/25 15:06*	*1*

Method: SW846 8082A - Polychlorinated Biphenyls (PCBs) by Gas Chromatography

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Aroclor 1016	0.071	U	0.071	0.019	mg/Kg	☼	10/11/25 17:23	10/14/25 11:08	1
Aroclor 1221	0.071	U	0.071	0.019	mg/Kg	☼	10/11/25 17:23	10/14/25 11:08	1
Aroclor 1232	0.071	U	0.071	0.019	mg/Kg	☼	10/11/25 17:23	10/14/25 11:08	1
Aroclor 1242	0.071	U	0.071	0.019	mg/Kg	☼	10/11/25 17:23	10/14/25 11:08	1
Aroclor 1248	0.071	U	0.071	0.019	mg/Kg	☼	10/11/25 17:23	10/14/25 11:08	1
Aroclor 1254	0.071	U	0.071	0.019	mg/Kg	☼	10/11/25 17:23	10/14/25 11:08	1
Aroclor 1260	0.071	U	0.071	0.019	mg/Kg	☼	10/11/25 17:23	10/14/25 11:08	1
Aroclor-1262	0.071	U	0.071	0.019	mg/Kg	☼	10/11/25 17:23	10/14/25 11:08	1
Aroclor 1268	0.071	U	0.071	0.019	mg/Kg	☼	10/11/25 17:23	10/14/25 11:08	1
Polychlorinated biphenyls, Total	0.071	U	0.071	0.019	mg/Kg	☼	10/11/25 17:23	10/14/25 11:08	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
DCB Decachlorobiphenyl	*70*		*10 - 150*	*10/11/25 17:23*	*10/14/25 11:08*	*1*
DCB Decachlorobiphenyl	*86*		*10 - 150*	*10/11/25 17:23*	*10/14/25 11:08*	*1*
Tetrachloro-m-xylene	*24*		*10 - 150*	*10/11/25 17:23*	*10/14/25 11:08*	*1*
Tetrachloro-m-xylene	*24*		*10 - 150*	*10/11/25 17:23*	*10/14/25 11:08*	*1*

Method: EPA 1633A - Per- and Polyfluoroalkyl Substances by LC/MS/MS, 1633A

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Perfluorobutanoic acid (PFBA)	0.39	U	0.39	0.098	ug/Kg	☼	10/15/25 16:06	10/17/25 08:14	1
Perfluoropentanoic acid (PFPeA)	0.20	U	0.20	0.098	ug/Kg	☼	10/15/25 16:06	10/17/25 08:14	1
Perfluorohexanoic acid (PFHxA)	0.20	U	0.20	0.098	ug/Kg	☼	10/15/25 16:06	10/17/25 08:14	1
Perfluoroheptanoic acid (PFHpA)	0.20	U	0.20	0.098	ug/Kg	☼	10/15/25 16:06	10/17/25 08:14	1
Perfluorooctanoic acid (PFOA)	**0.15**	**J**	0.20	0.059	ug/Kg	☼	10/15/25 16:06	10/17/25 08:14	1
Perfluorononanoic acid (PFNA)	0.20	U	0.20	0.098	ug/Kg	☼	10/15/25 16:06	10/17/25 08:14	1
Perfluorodecanoic acid (PFDA)	**0.082**	**J**	0.20	0.059	ug/Kg	☼	10/15/25 16:06	10/17/25 08:14	1
Perfluoroundecanoic acid (PFUnA)	**0.17**	**J**	0.20	0.098	ug/Kg	☼	10/15/25 16:06	10/17/25 08:14	1
Perfluorododecanoic acid (PFDoA)	0.20	U	0.20	0.098	ug/Kg	☼	10/15/25 16:06	10/17/25 08:14	1
Perfluorotridecanoic acid (PFTrDA)	0.20	U	0.20	0.098	ug/Kg	☼	10/15/25 16:06	10/17/25 08:14	1
Perfluorotetradecanoic acid (PFTeDA)	0.20	U	0.20	0.098	ug/Kg	☼	10/15/25 16:06	10/17/25 08:14	1
Perfluorobutanesulfonic acid (PFBS)	0.20	U	0.20	0.098	ug/Kg	☼	10/15/25 16:06	10/17/25 08:14	1
Perfluoropentanesulfonic acid (PFPeS)	0.20	U	0.20	0.098	ug/Kg	☼	10/15/25 16:06	10/17/25 08:14	1
Perfluorohexanesulfonic acid (PFHxS)	0.20	U	0.20	0.098	ug/Kg	☼	10/15/25 16:06	10/17/25 08:14	1
Perfluoroheptanesulfonic acid (PFHpS)	0.20	U	0.20	0.098	ug/Kg	☼	10/15/25 16:06	10/17/25 08:14	1
Perfluorooctanesulfonic acid (PFOS)	0.20	U	0.20	0.098	ug/Kg	☼	10/15/25 16:06	10/17/25 08:14	1
Perfluorononanesulfonic acid (PFNS)	0.20	U	0.20	0.098	ug/Kg	☼	10/15/25 16:06	10/17/25 08:14	1
Perfluorodecanesulfonic acid (PFDS)	0.20	U	0.20	0.098	ug/Kg	☼	10/15/25 16:06	10/17/25 08:14	1

Client Sample ID: 3F_0-7
Date Collected: 10/09/25 13:40
Date Received: 10/09/25 16:58

Lab Sample ID: 460-336881-13
Matrix: Solid
Percent Solids: 94.4

Method: EPA 1633A - Per- and Polyfluoroalkyl Substances by LC/MS/MS, 1633A (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Perfluorododecanesulfonic acid (PFDoS)	0.20	U	0.20	0.098	ug/Kg	☼	10/15/25 16:06	10/17/25 08:14	1
1H,1H,2H,2H-Perfluorohexane sulfonic acid (4:2 FTS)	0.39	U	0.39	0.20	ug/Kg	☼	10/15/25 16:06	10/17/25 08:14	1
1H,1H,2H,2H-Perfluorooctane sulfonic acid (6:2 FTS)	0.39	U	0.39	0.20	ug/Kg	☼	10/15/25 16:06	10/17/25 08:14	1
1H,1H,2H,2H-Perfluorodecane sulfonic acid (8:2 FTS)	0.39	U	0.39	0.20	ug/Kg	☼	10/15/25 16:06	10/17/25 08:14	1
Perfluorooctanesulfonamide (PFOSA)	0.20	U	0.20	0.098	ug/Kg	☼	10/15/25 16:06	10/17/25 08:14	1
N-methylperfluorooctane sulfonamide (NMeFOSA)	0.20	U	0.20	0.098	ug/Kg	☼	10/15/25 16:06	10/17/25 08:14	1
N-ethylperfluorooctane sulfonamide (NEtFOSA)	0.20	U	0.20	0.098	ug/Kg	☼	10/15/25 16:06	10/17/25 08:14	1
N-methylperfluorooctanesulfonamidoacetic acid (NMeFOSAA)	0.20	U	0.20	0.098	ug/Kg	☼	10/15/25 16:06	10/17/25 08:14	1
N-ethylperfluorooctanesulfonamidoacetic acid (NEtFOSAA)	0.20	U	0.20	0.098	ug/Kg	☼	10/15/25 16:06	10/17/25 08:14	1
N-methylperfluorooctane sulfonamidoethanol (NMeFOSE)	0.98	U	0.98	0.49	ug/Kg	☼	10/15/25 16:06	10/17/25 08:14	1
N-ethylperfluorooctane sulfonamidoethanol (NEtFOSE)	0.98	U	0.98	0.49	ug/Kg	☼	10/15/25 16:06	10/17/25 08:14	1
Hexafluoropropylene Oxide Dimer Acid (HFPO-DA)	0.20	U	0.20	0.098	ug/Kg	☼	10/15/25 16:06	10/17/25 08:14	1
4,8-Dioxa-3H-perfluorononanoic acid (ADONA)	0.20	U	0.20	0.098	ug/Kg	☼	10/15/25 16:06	10/17/25 08:14	1
Perfluoro-3-methoxypropanoic acid (PFMPA)	0.20	U	0.20	0.098	ug/Kg	☼	10/15/25 16:06	10/17/25 08:14	1
Perfluoro-4-methoxybutanoic acid (PFMBA)	0.20	U	0.20	0.098	ug/Kg	☼	10/15/25 16:06	10/17/25 08:14	1
Nonafluoro-3,6-dioxaheptanoic acid (NFDHA)	0.20	U	0.20	0.098	ug/Kg	☼	10/15/25 16:06	10/17/25 08:14	1
9-Chlorohexadecafluoro-3-oxanonane-1-sulfonic acid (9Cl-PF3ONS)	0.20	U	0.20	0.098	ug/Kg	☼	10/15/25 16:06	10/17/25 08:14	1
11-Chloroeicosafluoro-3-oxaundecane-1-sulfonic acid (11Cl-PF3OUdS)	0.20	U	0.20	0.098	ug/Kg	☼	10/15/25 16:06	10/17/25 08:14	1
Perfluoro (2-ethoxyethane) sulfonic acid (PFEESA)	0.20	U	0.20	0.098	ug/Kg	☼	10/15/25 16:06	10/17/25 08:14	1
3-Perfluoropropylpropanoic acid (3:3 FTCA)	0.39	U	0.39	0.20	ug/Kg	☼	10/15/25 16:06	10/17/25 08:14	1
3-Perfluoropentylpropanoic acid (5:3 FTCA)	0.98	U	0.98	0.49	ug/Kg	☼	10/15/25 16:06	10/17/25 08:14	1
3-Perfluoroheptylpropanoic acid (7:3 FTCA)	0.98	U	0.98	0.49	ug/Kg	☼	10/15/25 16:06	10/17/25 08:14	1

Isotope Dilution	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
13C4 PFBA	*92.1*		*8 - 130*	*10/15/25 16:06*	*10/17/25 08:14*	*1*
13C5 PFPeA	*88.6*		*35 - 130*	*10/15/25 16:06*	*10/17/25 08:14*	*1*
13C5 PFHxA	*91.0*		*40 - 130*	*10/15/25 16:06*	*10/17/25 08:14*	*1*
13C4 PFHpA	*90.9*		*40 - 130*	*10/15/25 16:06*	*10/17/25 08:14*	*1*
13C8 PFOA	*92.2*		*40 - 130*	*10/15/25 16:06*	*10/17/25 08:14*	*1*
13C9 PFNA	*90.1*		*40 - 130*	*10/15/25 16:06*	*10/17/25 08:14*	*1*
13C6 PFDA	*81.0*		*40 - 130*	*10/15/25 16:06*	*10/17/25 08:14*	*1*
13C7 PFUnA	*75.5*		*40 - 130*	*10/15/25 16:06*	*10/17/25 08:14*	*1*
13C2 PFTeDA	*50.2*		*20 - 130*	*10/15/25 16:06*	*10/17/25 08:14*	*1*
13C3 PFBS	*87.7*		*40 - 135*	*10/15/25 16:06*	*10/17/25 08:14*	*1*

Client Sample ID: 3F_0-7
Date Collected: 10/09/25 13:40
Date Received: 10/09/25 16:58

Lab Sample ID: 460-336881-13
Matrix: Solid
Percent Solids: 94.4

Method: EPA 1633A - Per- and Polyfluoroalkyl Substances by LC/MS/MS, 1633A (Continued)

Isotope Dilution	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
13C3 PFHxS	84.5		40 - 130	10/15/25 16:06	10/17/25 08:14	1
13C8 PFOS	74.5		40 - 130	10/15/25 16:06	10/17/25 08:14	1
13C8 FOSA	66.3		40 - 130	10/15/25 16:06	10/17/25 08:14	1
d3-NMeFOSAA	63.4		40 - 135	10/15/25 16:06	10/17/25 08:14	1
d5-NEtFOSAA	65.6		40 - 150	10/15/25 16:06	10/17/25 08:14	1
13C2 4:2 FTS	101		40 - 165	10/15/25 16:06	10/17/25 08:14	1
13C2 6:2 FTS	102		40 - 215	10/15/25 16:06	10/17/25 08:14	1
13C2 8:2 FTS	75.2		40 - 275	10/15/25 16:06	10/17/25 08:14	1
13C3 HFPO-DA	89.3		40 - 130	10/15/25 16:06	10/17/25 08:14	1
d7-N-MeFOSE-M	34.1		20 - 130	10/15/25 16:06	10/17/25 08:14	1
d9-N-EtFOSE-M	24.7		15 - 130	10/15/25 16:06	10/17/25 08:14	1
d5-NEtPFOSA	49.3		10 - 130	10/15/25 16:06	10/17/25 08:14	1
d3-NMePFOSA	58.0		10 - 130	10/15/25 16:06	10/17/25 08:14	1
13C2 PFDoA	57.6		40 - 130	10/15/25 16:06	10/17/25 08:14	1

Method: SW846 6020B - Metals (ICP/MS)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Aluminum	8310		16.4	4.5	mg/Kg	☼	10/16/25 19:30	10/17/25 11:52	1
Antimony	1.7		0.82	0.12	mg/Kg	☼	10/16/25 19:30	10/17/25 11:52	1
Arsenic	5.8		0.82	0.085	mg/Kg	☼	10/16/25 19:30	10/17/25 11:52	1
Barium	54.4		1.6	0.12	mg/Kg	☼	10/16/25 19:30	10/17/25 11:52	1
Beryllium	0.58		0.33	0.018	mg/Kg	☼	10/16/25 19:30	10/17/25 11:52	1
Cadmium	0.12	J	0.82	0.093	mg/Kg	☼	10/16/25 19:30	10/17/25 11:52	1
Calcium	1220		82.1	8.0	mg/Kg	☼	10/16/25 19:30	10/17/25 11:52	1
Chromium	15.6		1.6	0.24	mg/Kg	☼	10/16/25 19:30	10/17/25 11:52	1
Cobalt	8.7		0.82	0.12	mg/Kg	☼	10/16/25 19:30	10/17/25 11:52	1
Copper	27.5		1.6	0.30	mg/Kg	☼	10/16/25 19:30	10/17/25 11:52	1
Iron	16500		49.3	6.3	mg/Kg	☼	10/16/25 19:30	10/17/25 11:52	1
Lead	24.9		0.49	0.16	mg/Kg	☼	10/16/25 19:30	10/17/25 11:52	1
Magnesium	2560		82.1	8.4	mg/Kg	☼	10/16/25 19:30	10/17/25 11:52	1
Manganese	284		3.3	0.33	mg/Kg	☼	10/16/25 19:30	10/17/25 11:52	1
Nickel	13.7		1.6	0.15	mg/Kg	☼	10/16/25 19:30	10/17/25 11:52	1
Potassium	1110		82.1	13.3	mg/Kg	☼	10/16/25 19:30	10/17/25 11:52	1
Selenium	0.15	J	1.0	0.11	mg/Kg	☼	10/16/25 19:30	10/17/25 11:52	1
Silver	0.12	J	0.33	0.073	mg/Kg	☼	10/16/25 19:30	10/17/25 11:52	1
Sodium	69.9	J	82.1	37.5	mg/Kg	☼	10/16/25 19:30	10/17/25 11:52	1
Thallium	0.13	J	0.33	0.034	mg/Kg	☼	10/16/25 19:30	10/17/25 11:52	1
Vanadium	25.4		1.6	0.17	mg/Kg	☼	10/16/25 19:30	10/17/25 11:52	1
Zinc	39.8		6.6	0.90	mg/Kg	☼	10/16/25 19:30	10/17/25 11:52	1

Method: SW846 7471B - Mercury (CVAA)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	0.036		0.016	0.0077	mg/Kg	☼	10/20/25 01:55	10/20/25 09:21	1

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Percent Moisture (EPA Moisture)	5.6		1.0	1.0	%			10/12/25 10:53	1
Percent Solids (EPA Moisture)	94.4		1.0	1.0	%			10/12/25 10:53	1

Client Sample ID: 3F_7-14
Date Collected: 10/09/25 13:45
Date Received: 10/09/25 16:58

Lab Sample ID: 460-336881-14
Matrix: Solid
Percent Solids: 92.2

Method: SW846 8270E - Semivolatile Organic Compounds (GC/MS)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1'-Biphenyl	0.36	U	0.36	0.012	mg/Kg	☼	10/11/25 07:21	10/11/25 15:37	1
1,2,4,5-Tetrachlorobenzene	0.36	U	0.36	0.011	mg/Kg	☼	10/11/25 07:21	10/11/25 15:37	1
1,4-Dioxane	0.036	U	0.036	0.031	mg/Kg	☼	10/11/25 07:21	10/11/25 15:37	1
2,2'-oxybis[1-chloropropane]	0.36	U	0.36	0.021	mg/Kg	☼	10/11/25 07:21	10/11/25 15:37	1
2,3,4,6-Tetrachlorophenol	0.36	U	0.36	0.024	mg/Kg	☼	10/11/25 07:21	10/11/25 15:37	1
2,4,5-Trichlorophenol	0.36	U	0.36	0.037	mg/Kg	☼	10/11/25 07:21	10/11/25 15:37	1
2,4,6-Trichlorophenol	0.14	U	0.14	0.046	mg/Kg	☼	10/11/25 07:21	10/11/25 15:37	1
2,4-Dichlorophenol	0.14	U	0.14	0.023	mg/Kg	☼	10/11/25 07:21	10/11/25 15:37	1
2,4-Dimethylphenol	0.36	U	0.36	0.043	mg/Kg	☼	10/11/25 07:21	10/11/25 15:37	1
2,4-Dinitrophenol	0.29	U	0.29	0.18	mg/Kg	☼	10/11/25 07:21	10/11/25 15:37	1
2,4-Dinitrotoluene	0.073	U	0.073	0.039	mg/Kg	☼	10/11/25 07:21	10/11/25 15:37	1
2,6-Dinitrotoluene	0.073	U	0.073	0.026	mg/Kg	☼	10/11/25 07:21	10/11/25 15:37	1
2-Chloronaphthalene	0.36	U	0.36	0.046	mg/Kg	☼	10/11/25 07:21	10/11/25 15:37	1
2-Chlorophenol	0.36	U	0.36	0.013	mg/Kg	☼	10/11/25 07:21	10/11/25 15:37	1
2-Methylnaphthalene	0.36	U	0.36	0.010	mg/Kg	☼	10/11/25 07:21	10/11/25 15:37	1
2-Methylphenol	0.36	U	0.36	0.013	mg/Kg	☼	10/11/25 07:21	10/11/25 15:37	1
2-Nitroaniline	0.36	U	0.36	0.027	mg/Kg	☼	10/11/25 07:21	10/11/25 15:37	1
2-Nitrophenol	0.36	U	0.36	0.036	mg/Kg	☼	10/11/25 07:21	10/11/25 15:37	1
3 & 4 Methylphenol	0.36	U	0.36	0.022	mg/Kg	☼	10/11/25 07:21	10/11/25 15:37	1
3,3'-Dichlorobenzidine	0.14	U	0.14	0.054	mg/Kg	☼	10/11/25 07:21	10/11/25 15:37	1
3-Nitroaniline	0.36	U	0.36	0.085	mg/Kg	☼	10/11/25 07:21	10/11/25 15:37	1
4,6-Dinitro-2-methylphenol	0.29	U	0.29	0.15	mg/Kg	☼	10/11/25 07:21	10/11/25 15:37	1
4-Bromophenyl phenyl ether	0.36	U	0.36	0.014	mg/Kg	☼	10/11/25 07:21	10/11/25 15:37	1
4-Chloro-3-methylphenol	0.36	U	0.36	0.020	mg/Kg	☼	10/11/25 07:21	10/11/25 15:37	1
4-Chloroaniline	0.36	U	0.36	0.064	mg/Kg	☼	10/11/25 07:21	10/11/25 15:37	1
4-Chlorophenyl phenyl ether	0.36	U	0.36	0.013	mg/Kg	☼	10/11/25 07:21	10/11/25 15:37	1
4-Methylphenol	0.36	U	0.36	0.022	mg/Kg	☼	10/11/25 07:21	10/11/25 15:37	1
4-Nitroaniline	0.36	U	0.36	0.091	mg/Kg	☼	10/11/25 07:21	10/11/25 15:37	1
4-Nitrophenol	0.73	U	0.73	0.058	mg/Kg	☼	10/11/25 07:21	10/11/25 15:37	1
Acenaphthene	0.36	U	0.36	0.010	mg/Kg	☼	10/11/25 07:21	10/11/25 15:37	1
Acenaphthylene	0.36	U	0.36	0.010	mg/Kg	☼	10/11/25 07:21	10/11/25 15:37	1
Acetophenone	0.36	U	0.36	0.018	mg/Kg	☼	10/11/25 07:21	10/11/25 15:37	1
Anthracene	0.36	U	0.36	0.011	mg/Kg	☼	10/11/25 07:21	10/11/25 15:37	1
Atrazine	0.14	U *	0.14	0.021	mg/Kg	☼	10/11/25 07:21	10/11/25 15:37	1
Benzaldehyde	0.36	U	0.36	0.059	mg/Kg	☼	10/11/25 07:21	10/11/25 15:37	1
Benzo[a]anthracene	0.036	U	0.036	0.027	mg/Kg	☼	10/11/25 07:21	10/11/25 15:37	1
Benzo[a]pyrene	0.036	U	0.036	0.0095	mg/Kg	☼	10/11/25 07:21	10/11/25 15:37	1
Benzo[b]fluoranthene	0.036	U	0.036	0.0093	mg/Kg	☼	10/11/25 07:21	10/11/25 15:37	1
Benzo[g,h,i]perylene	0.36	U	0.36	0.011	mg/Kg	☼	10/11/25 07:21	10/11/25 15:37	1
Benzo[k]fluoranthene	0.036	U	0.036	0.0070	mg/Kg	☼	10/11/25 07:21	10/11/25 15:37	1
Bis(2-chloroethoxy)methane	0.36	U	0.36	0.066	mg/Kg	☼	10/11/25 07:21	10/11/25 15:37	1
Bis(2-chloroethyl)ether	0.036	U	0.036	0.012	mg/Kg	☼	10/11/25 07:21	10/11/25 15:37	1
Bis(2-ethylhexyl) phthalate	0.36	U	0.36	0.019	mg/Kg	☼	10/11/25 07:21	10/11/25 15:37	1
Butyl benzyl phthalate	0.36	U	0.36	0.017	mg/Kg	☼	10/11/25 07:21	10/11/25 15:37	1
Caprolactam	0.36	U *	0.36	0.056	mg/Kg	☼	10/11/25 07:21	10/11/25 15:37	1
Carbazole	0.36	U	0.36	0.014	mg/Kg	☼	10/11/25 07:21	10/11/25 15:37	1
Chrysene	0.36	U	0.36	0.015	mg/Kg	☼	10/11/25 07:21	10/11/25 15:37	1
Dibenz(a,h)anthracene	0.036	U	0.036	0.016	mg/Kg	☼	10/11/25 07:21	10/11/25 15:37	1
Dibenzofuran	0.36	U	0.36	0.012	mg/Kg	☼	10/11/25 07:21	10/11/25 15:37	1

Client Sample ID: 3F_7-14
Date Collected: 10/09/25 13:45
Date Received: 10/09/25 16:58

Lab Sample ID: 460-336881-14
Matrix: Solid
Percent Solids: 92.2

Method: SW846 8270E - Semivolatile Organic Compounds (GC/MS) (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Diethyl phthalate	0.36	U	0.36	0.012	mg/Kg	☼	10/11/25 07:21	10/11/25 15:37	1
Dimethyl phthalate	0.36	U	0.36	0.081	mg/Kg	☼	10/11/25 07:21	10/11/25 15:37	1
Di-n-butyl phthalate	0.36	U	0.36	0.013	mg/Kg	☼	10/11/25 07:21	10/11/25 15:37	1
Di-n-octyl phthalate	0.36	U	0.36	0.019	mg/Kg	☼	10/11/25 07:21	10/11/25 15:37	1
Fluoranthene	0.36	U	0.36	0.013	mg/Kg	☼	10/11/25 07:21	10/11/25 15:37	1
Fluorene	0.36	U	0.36	0.010	mg/Kg	☼	10/11/25 07:21	10/11/25 15:37	1
Hexachlorobenzene	0.036	U	0.036	0.017	mg/Kg	☼	10/11/25 07:21	10/11/25 15:37	1
Hexachlorobutadiene	0.073	U	0.073	0.0076	mg/Kg	☼	10/11/25 07:21	10/11/25 15:37	1
Hexachlorocyclopentadiene	0.36	U	0.36	0.031	mg/Kg	☼	10/11/25 07:21	10/11/25 15:37	1
Hexachloroethane	0.036	U	0.036	0.012	mg/Kg	☼	10/11/25 07:21	10/11/25 15:37	1
Indeno[1,2,3-cd]pyrene	0.036	U	0.036	0.014	mg/Kg	☼	10/11/25 07:21	10/11/25 15:37	1
Isophorone	0.14	U	0.14	0.10	mg/Kg	☼	10/11/25 07:21	10/11/25 15:37	1
Naphthalene	0.36	U	0.36	0.0062	mg/Kg	☼	10/11/25 07:21	10/11/25 15:37	1
Nitrobenzene	0.036	U	0.036	0.020	mg/Kg	☼	10/11/25 07:21	10/11/25 15:37	1
N-Nitrosodi-n-propylamine	0.036	U	0.036	0.026	mg/Kg	☼	10/11/25 07:21	10/11/25 15:37	1
N-Nitrosodiphenylamine	0.36	U	0.36	0.029	mg/Kg	☼	10/11/25 07:21	10/11/25 15:37	1
Pentachlorophenol	0.29	U	0.29	0.073	mg/Kg	☼	10/11/25 07:21	10/11/25 15:37	1
Phenanthrene	0.36	U	0.36	0.015	mg/Kg	☼	10/11/25 07:21	10/11/25 15:37	1
Phenol	0.36	U	0.36	0.013	mg/Kg	☼	10/11/25 07:21	10/11/25 15:37	1
Pyrene	**0.011**	**J**	0.36	0.0089	mg/Kg	☼	10/11/25 07:21	10/11/25 15:37	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
2,4,6-Tribromophenol (Surr)	*74*		*18 - 137*	*10/11/25 07:21*	*10/11/25 15:37*	*1*
2-Fluorobiphenyl	*75*		*33 - 117*	*10/11/25 07:21*	*10/11/25 15:37*	*1*
2-Fluorophenol (Surr)	*80*		*24 - 120*	*10/11/25 07:21*	*10/11/25 15:37*	*1*
Nitrobenzene-d5 (Surr)	*78*		*27 - 120*	*10/11/25 07:21*	*10/11/25 15:37*	*1*
Phenol-d5 (Surr)	*77*		*28 - 118*	*10/11/25 07:21*	*10/11/25 15:37*	*1*
Terphenyl-d14 (Surr)	*87*		*33 - 124*	*10/11/25 07:21*	*10/11/25 15:37*	*1*

Method: SW846 8081B - Organochlorine Pesticides (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
4,4'-DDD	0.0073	U	0.0073	0.0012	mg/Kg	☼	10/11/25 17:27	10/13/25 15:22	1
4,4'-DDE	0.0073	U	0.0073	0.00086	mg/Kg	☼	10/11/25 17:27	10/13/25 15:22	1
4,4'-DDT	0.0073	U	0.0073	0.0013	mg/Kg	☼	10/11/25 17:27	10/13/25 15:22	1
Aldrin	0.0073	U	0.0073	0.0011	mg/Kg	☼	10/11/25 17:27	10/13/25 15:22	1
alpha-BHC	0.0022	U *	0.0022	0.00074	mg/Kg	☼	10/11/25 17:27	10/13/25 15:22	1
beta-BHC	0.0022	U	0.0022	0.00081	mg/Kg	☼	10/11/25 17:27	10/13/25 15:22	1
Chlordane (technical)	0.073	U	0.073	0.018	mg/Kg	☼	10/11/25 17:27	10/13/25 15:22	1
cis-Chlordane	0.0073	U	0.0073	0.0011	mg/Kg	☼	10/11/25 17:27	10/13/25 15:22	1
delta-BHC	0.0022	U *	0.0022	0.00044	mg/Kg	☼	10/11/25 17:27	10/13/25 15:22	1
Dieldrin	0.0022	U *	0.0022	0.00094	mg/Kg	☼	10/11/25 17:27	10/13/25 15:22	1
Endosulfan I	0.0073	U	0.0073	0.0011	mg/Kg	☼	10/11/25 17:27	10/13/25 15:22	1
Endosulfan II	0.0073	U	0.0073	0.0019	mg/Kg	☼	10/11/25 17:27	10/13/25 15:22	1
Endosulfan sulfate	0.0073	U	0.0073	0.00091	mg/Kg	☼	10/11/25 17:27	10/13/25 15:22	1
Endrin	0.0073	U	0.0073	0.0010	mg/Kg	☼	10/11/25 17:27	10/13/25 15:22	1
Endrin aldehyde	0.0073	U	0.0073	0.0017	mg/Kg	☼	10/11/25 17:27	10/13/25 15:22	1
Endrin ketone	0.0073	U	0.0073	0.0014	mg/Kg	☼	10/11/25 17:27	10/13/25 15:22	1
gamma-BHC (Lindane)	0.0022	U	0.0022	0.00067	mg/Kg	☼	10/11/25 17:27	10/13/25 15:22	1
Heptachlor	0.0073	U	0.0073	0.00086	mg/Kg	☼	10/11/25 17:27	10/13/25 15:22	1
Heptachlor epoxide	0.0073	U	0.0073	0.0011	mg/Kg	☼	10/11/25 17:27	10/13/25 15:22	1

Client Sample ID: 3F_7-14
Date Collected: 10/09/25 13:45
Date Received: 10/09/25 16:58

Lab Sample ID: 460-336881-14
Matrix: Solid
Percent Solids: 92.2

Method: SW846 8081B - Organochlorine Pesticides (GC) (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Methoxychlor	0.0073	U	0.0073	0.0017	mg/Kg	☼	10/11/25 17:27	10/13/25 15:22	1
Toxaphene	0.073	U	0.073	0.026	mg/Kg	☼	10/11/25 17:27	10/13/25 15:22	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
DCB Decachlorobiphenyl	*85*		*10 - 150*	*10/11/25 17:27*	*10/13/25 15:22*	*1*
DCB Decachlorobiphenyl	*94*		*10 - 150*	*10/11/25 17:27*	*10/13/25 15:22*	*1*
Tetrachloro-m-xylene	*34*		*14 - 150*	*10/11/25 17:27*	*10/13/25 15:22*	*1*
Tetrachloro-m-xylene	*31*		*14 - 150*	*10/11/25 17:27*	*10/13/25 15:22*	*1*

Method: SW846 8082A - Polychlorinated Biphenyls (PCBs) by Gas Chromatography

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Aroclor 1016	0.073	U	0.073	0.019	mg/Kg	☼	10/11/25 17:23	10/14/25 11:25	1
Aroclor 1221	0.073	U	0.073	0.019	mg/Kg	☼	10/11/25 17:23	10/14/25 11:25	1
Aroclor 1232	0.073	U	0.073	0.019	mg/Kg	☼	10/11/25 17:23	10/14/25 11:25	1
Aroclor 1242	0.073	U	0.073	0.019	mg/Kg	☼	10/11/25 17:23	10/14/25 11:25	1
Aroclor 1248	0.073	U	0.073	0.019	mg/Kg	☼	10/11/25 17:23	10/14/25 11:25	1
Aroclor 1254	0.073	U	0.073	0.019	mg/Kg	☼	10/11/25 17:23	10/14/25 11:25	1
Aroclor 1260	0.073	U	0.073	0.019	mg/Kg	☼	10/11/25 17:23	10/14/25 11:25	1
Aroclor-1262	0.073	U	0.073	0.019	mg/Kg	☼	10/11/25 17:23	10/14/25 11:25	1
Aroclor 1268	0.073	U	0.073	0.019	mg/Kg	☼	10/11/25 17:23	10/14/25 11:25	1
Polychlorinated biphenyls, Total	0.073	U	0.073	0.019	mg/Kg	☼	10/11/25 17:23	10/14/25 11:25	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
DCB Decachlorobiphenyl	*59*		*10 - 150*	*10/11/25 17:23*	*10/14/25 11:25*	*1*
DCB Decachlorobiphenyl	*76*		*10 - 150*	*10/11/25 17:23*	*10/14/25 11:25*	*1*
Tetrachloro-m-xylene	*28*		*10 - 150*	*10/11/25 17:23*	*10/14/25 11:25*	*1*
Tetrachloro-m-xylene	*28*		*10 - 150*	*10/11/25 17:23*	*10/14/25 11:25*	*1*

Method: EPA 1633A - Per- and Polyfluoroalkyl Substances by LC/MS/MS, 1633A

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Perfluorobutanoic acid (PFBA)	0.40	U	0.40	0.10	ug/Kg	☼	10/15/25 16:06	10/17/25 08:27	1
Perfluoropentanoic acid (PFPeA)	0.20	U	0.20	0.10	ug/Kg	☼	10/15/25 16:06	10/17/25 08:27	1
Perfluorohexanoic acid (PFHxA)	0.20	U	0.20	0.10	ug/Kg	☼	10/15/25 16:06	10/17/25 08:27	1
Perfluoroheptanoic acid (PFHpA)	0.20	U	0.20	0.10	ug/Kg	☼	10/15/25 16:06	10/17/25 08:27	1
Perfluorooctanoic acid (PFOA)	**0.063**	**J**	0.20	0.060	ug/Kg	☼	10/15/25 16:06	10/17/25 08:27	1
Perfluorononanoic acid (PFNA)	0.20	U	0.20	0.10	ug/Kg	☼	10/15/25 16:06	10/17/25 08:27	1
Perfluorodecanoic acid (PFDA)	0.20	U	0.20	0.060	ug/Kg	☼	10/15/25 16:06	10/17/25 08:27	1
Perfluoroundecanoic acid (PFUnA)	**0.49**		0.20	0.10	ug/Kg	☼	10/15/25 16:06	10/17/25 08:27	1
Perfluorododecanoic acid (PFDoA)	0.20	U	0.20	0.10	ug/Kg	☼	10/15/25 16:06	10/17/25 08:27	1
Perfluorotridecanoic acid (PFTrDA)	**0.67**		0.20	0.10	ug/Kg	☼	10/15/25 16:06	10/17/25 08:27	1
Perfluorotetradecanoic acid (PFTeDA)	0.20	U	0.20	0.10	ug/Kg	☼	10/15/25 16:06	10/17/25 08:27	1
Perfluorobutanesulfonic acid (PFBS)	0.20	U	0.20	0.10	ug/Kg	☼	10/15/25 16:06	10/17/25 08:27	1
Perfluoropentanesulfonic acid (PFPeS)	0.20	U	0.20	0.10	ug/Kg	☼	10/15/25 16:06	10/17/25 08:27	1
Perfluorohexanesulfonic acid (PFHxS)	0.20	U	0.20	0.10	ug/Kg	☼	10/15/25 16:06	10/17/25 08:27	1
Perfluoroheptanesulfonic acid (PFHpS)	0.20	U	0.20	0.10	ug/Kg	☼	10/15/25 16:06	10/17/25 08:27	1
Perfluorooctanesulfonic acid (PFOS)	0.20	U	0.20	0.10	ug/Kg	☼	10/15/25 16:06	10/17/25 08:27	1
Perfluorononanesulfonic acid (PFNS)	0.20	U	0.20	0.10	ug/Kg	☼	10/15/25 16:06	10/17/25 08:27	1

Client Sample ID: 3F_7-14
Date Collected: 10/09/25 13:45
Date Received: 10/09/25 16:58

Lab Sample ID: 460-336881-14
Matrix: Solid
Percent Solids: 92.2

Method: EPA 1633A - Per- and Polyfluoroalkyl Substances by LC/MS/MS, 1633A (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Perfluorodecanesulfonic acid (PFDS)	0.20	U	0.20	0.10	ug/Kg	☼	10/15/25 16:06	10/17/25 08:27	1
Perfluorododecanesulfonic acid (PFDoS)	0.20	U	0.20	0.10	ug/Kg	☼	10/15/25 16:06	10/17/25 08:27	1
1H,1H,2H,2H-Perfluorohexane sulfonic acid (4:2 FTS)	0.40	U	0.40	0.20	ug/Kg	☼	10/15/25 16:06	10/17/25 08:27	1
1H,1H,2H,2H-Perfluorooctane sulfonic acid (6:2 FTS)	0.40	U	0.40	0.20	ug/Kg	☼	10/15/25 16:06	10/17/25 08:27	1
1H,1H,2H,2H-Perfluorodecane sulfonic acid (8:2 FTS)	**0.29**	**J**	0.40	0.20	ug/Kg	☼	10/15/25 16:06	10/17/25 08:27	1
Perfluorooctanesulfonamide (PFOSA)	0.20	U	0.20	0.10	ug/Kg	☼	10/15/25 16:06	10/17/25 08:27	1
N-methylperfluorooctane sulfonamide (NMeFOSA)	0.20	U	0.20	0.10	ug/Kg	☼	10/15/25 16:06	10/17/25 08:27	1
N-ethylperfluorooctane sulfonamide (NEtFOSA)	0.20	U	0.20	0.10	ug/Kg	☼	10/15/25 16:06	10/17/25 08:27	1
N-methylperfluorooctanesulfonamidoacetic acid (NMeFOSAA)	0.20	U	0.20	0.10	ug/Kg	☼	10/15/25 16:06	10/17/25 08:27	1
N-ethylperfluorooctanesulfonamidoacetic acid (NEtFOSAA)	0.20	U	0.20	0.10	ug/Kg	☼	10/15/25 16:06	10/17/25 08:27	1
N-methylperfluorooctane sulfonamidoethanol (NMeFOSE)	1.0	U	1.0	0.50	ug/Kg	☼	10/15/25 16:06	10/17/25 08:27	1
N-ethylperfluorooctane sulfonamidoethanol (NEtFOSE)	1.0	U	1.0	0.50	ug/Kg	☼	10/15/25 16:06	10/17/25 08:27	1
Hexafluoropropylene Oxide Dimer Acid (HFPO-DA)	0.20	U	0.20	0.10	ug/Kg	☼	10/15/25 16:06	10/17/25 08:27	1
4,8-Dioxa-3H-perfluorononanoic acid (ADONA)	0.20	U	0.20	0.10	ug/Kg	☼	10/15/25 16:06	10/17/25 08:27	1
Perfluoro-3-methoxypropanoic acid (PFMPA)	0.20	U	0.20	0.10	ug/Kg	☼	10/15/25 16:06	10/17/25 08:27	1
Perfluoro-4-methoxybutanoic acid (PFMBA)	0.20	U	0.20	0.10	ug/Kg	☼	10/15/25 16:06	10/17/25 08:27	1
Nonafluoro-3,6-dioxaheptanoic acid (NFDHA)	0.20	U	0.20	0.10	ug/Kg	☼	10/15/25 16:06	10/17/25 08:27	1
9-Chlorohexadecafluoro-3-oxanonane-1-sulfonic acid (9Cl-PF3ONS)	0.20	U	0.20	0.10	ug/Kg	☼	10/15/25 16:06	10/17/25 08:27	1
11-Chloroeicosafluoro-3-oxaundecane-1-sulfonic acid (11Cl-PF3OUdS)	0.20	U	0.20	0.10	ug/Kg	☼	10/15/25 16:06	10/17/25 08:27	1
Perfluoro (2-ethoxyethane) sulfonic acid (PFEESA)	0.20	U	0.20	0.10	ug/Kg	☼	10/15/25 16:06	10/17/25 08:27	1
3-Perfluoropropylpropanoic acid (3:3 FTCA)	0.40	U	0.40	0.20	ug/Kg	☼	10/15/25 16:06	10/17/25 08:27	1
3-Perfluoropentylpropanoic acid (5:3 FTCA)	1.0	U	1.0	0.50	ug/Kg	☼	10/15/25 16:06	10/17/25 08:27	1
3-Perfluoroheptylpropanoic acid (7:3 FTCA)	1.0	U	1.0	0.50	ug/Kg	☼	10/15/25 16:06	10/17/25 08:27	1

Isotope Dilution	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
13C4 PFBA	*95.3*		*8 - 130*	*10/15/25 16:06*	*10/17/25 08:27*	*1*
13C5 PFPeA	*94.6*		*35 - 130*	*10/15/25 16:06*	*10/17/25 08:27*	*1*
13C5 PFHxA	*97.1*		*40 - 130*	*10/15/25 16:06*	*10/17/25 08:27*	*1*
13C4 PFHpA	*99.5*		*40 - 130*	*10/15/25 16:06*	*10/17/25 08:27*	*1*
13C8 PFOA	*96.6*		*40 - 130*	*10/15/25 16:06*	*10/17/25 08:27*	*1*
13C9 PFNA	*90.6*		*40 - 130*	*10/15/25 16:06*	*10/17/25 08:27*	*1*
13C6 PFDA	*94.4*		*40 - 130*	*10/15/25 16:06*	*10/17/25 08:27*	*1*
13C7 PFUnA	*94.5*		*40 - 130*	*10/15/25 16:06*	*10/17/25 08:27*	*1*
13C2 PFTeDA	*68.1*		*20 - 130*	*10/15/25 16:06*	*10/17/25 08:27*	*1*

Client Sample ID: 3F_7-14

Date Collected: 10/09/25 13:45
Date Received: 10/09/25 16:58

Lab Sample ID: 460-336881-14

Matrix: Solid
Percent Solids: 92.2

Method: EPA 1633A - Per- and Polyfluoroalkyl Substances by LC/MS/MS, 1633A (Continued)

Isotope Dilution	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
13C3 PFBS	92.8		40 - 135	10/15/25 16:06	10/17/25 08:27	1
13C3 PFHxS	91.7		40 - 130	10/15/25 16:06	10/17/25 08:27	1
13C8 PFOS	82.4		40 - 130	10/15/25 16:06	10/17/25 08:27	1
13C8 FOSA	73.4		40 - 130	10/15/25 16:06	10/17/25 08:27	1
d3-NMeFOSAA	84.9		40 - 135	10/15/25 16:06	10/17/25 08:27	1
d5-NEtFOSAA	92.1		40 - 150	10/15/25 16:06	10/17/25 08:27	1
13C2 4:2 FTS	121		40 - 165	10/15/25 16:06	10/17/25 08:27	1
13C2 6:2 FTS	126		40 - 215	10/15/25 16:06	10/17/25 08:27	1
13C2 8:2 FTS	101		40 - 275	10/15/25 16:06	10/17/25 08:27	1
13C3 HFPO-DA	94.6		40 - 130	10/15/25 16:06	10/17/25 08:27	1
d7-N-MeFOSE-M	56.6		20 - 130	10/15/25 16:06	10/17/25 08:27	1
d9-N-EtFOSE-M	41.4		15 - 130	10/15/25 16:06	10/17/25 08:27	1
d5-NEtPFOSA	66.7		10 - 130	10/15/25 16:06	10/17/25 08:27	1
d3-NMePFOSA	73.0		10 - 130	10/15/25 16:06	10/17/25 08:27	1
13C2 PFDoA	76.1		40 - 130	10/15/25 16:06	10/17/25 08:27	1

Method: SW846 6020B - Metals (ICP/MS)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Aluminum	6780		19.7	5.4	mg/Kg	☼	10/17/25 10:12	10/17/25 21:27	1
Antimony	0.64	J	0.99	0.14	mg/Kg	☼	10/17/25 10:12	10/20/25 19:31	1
Arsenic	6.9		0.99	0.10	mg/Kg	☼	10/17/25 10:12	10/17/25 21:27	1
Barium	42.9		2.0	0.14	mg/Kg	☼	10/17/25 10:12	10/17/25 21:27	1
Beryllium	0.56		0.39	0.022	mg/Kg	☼	10/17/25 10:12	10/17/25 21:27	1
Cadmium	0.22	J	0.99	0.11	mg/Kg	☼	10/17/25 10:12	10/17/25 21:27	1
Calcium	2370		98.6	9.6	mg/Kg	☼	10/17/25 10:12	10/17/25 21:27	1
Chromium	18.8		2.0	0.29	mg/Kg	☼	10/17/25 10:12	10/17/25 21:27	1
Cobalt	6.6		0.99	0.15	mg/Kg	☼	10/17/25 10:12	10/17/25 21:27	1
Copper	36.6		2.0	0.36	mg/Kg	☼	10/17/25 10:12	10/17/25 21:27	1
Iron	17700		59.2	7.5	mg/Kg	☼	10/17/25 10:12	10/17/25 21:27	1
Lead	192		0.59	0.20	mg/Kg	☼	10/17/25 10:12	10/20/25 19:31	1
Magnesium	3270		98.6	10.1	mg/Kg	☼	10/17/25 10:12	10/17/25 21:27	1
Manganese	235		3.9	0.40	mg/Kg	☼	10/17/25 10:12	10/17/25 21:27	1
Nickel	14.9		2.0	0.17	mg/Kg	☼	10/17/25 10:12	10/17/25 21:27	1
Potassium	951		98.6	16.0	mg/Kg	☼	10/17/25 10:12	10/17/25 21:27	1
Selenium	0.21	J	1.2	0.13	mg/Kg	☼	10/17/25 10:12	10/17/25 21:27	1
Silver	0.23	J	0.39	0.088	mg/Kg	☼	10/17/25 10:12	10/17/25 21:27	1
Sodium	68.9	J	98.6	45.1	mg/Kg	☼	10/17/25 10:12	10/17/25 21:27	1
Thallium	0.099	J	0.39	0.040	mg/Kg	☼	10/17/25 10:12	10/17/25 21:27	1
Vanadium	23.6		2.0	0.20	mg/Kg	☼	10/17/25 10:12	10/17/25 21:27	1
Zinc	70.5		7.9	1.1	mg/Kg	☼	10/17/25 10:12	10/17/25 21:27	1

Method: SW846 7471B - Mercury (CVAA)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	0.031		0.017	0.0081	mg/Kg	☼	10/20/25 01:55	10/20/25 09:24	1

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Percent Moisture (EPA Moisture)	7.8		1.0	1.0	%			10/12/25 10:53	1
Percent Solids (EPA Moisture)	92.2		1.0	1.0	%			10/12/25 10:53	1

Client Sample ID: 3G_0-7
Date Collected: 10/09/25 13:50
Date Received: 10/09/25 16:58

Lab Sample ID: 460-336881-15
Matrix: Solid
Percent Solids: 94.8

Method: SW846 8270E - Semivolatile Organic Compounds (GC/MS)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1'-Biphenyl	0.35	U	0.35	0.012	mg/Kg	☼	10/11/25 07:21	10/11/25 15:59	1
1,2,4,5-Tetrachlorobenzene	0.35	U	0.35	0.011	mg/Kg	☼	10/11/25 07:21	10/11/25 15:59	1
1,4-Dioxane	0.035	U	0.035	0.030	mg/Kg	☼	10/11/25 07:21	10/11/25 15:59	1
2,2'-oxybis[1-chloropropane]	0.35	U	0.35	0.021	mg/Kg	☼	10/11/25 07:21	10/11/25 15:59	1
2,3,4,6-Tetrachlorophenol	0.35	U	0.35	0.024	mg/Kg	☼	10/11/25 07:21	10/11/25 15:59	1
2,4,5-Trichlorophenol	0.35	U	0.35	0.036	mg/Kg	☼	10/11/25 07:21	10/11/25 15:59	1
2,4,6-Trichlorophenol	0.14	U	0.14	0.045	mg/Kg	☼	10/11/25 07:21	10/11/25 15:59	1
2,4-Dichlorophenol	0.14	U	0.14	0.022	mg/Kg	☼	10/11/25 07:21	10/11/25 15:59	1
2,4-Dimethylphenol	0.35	U	0.35	0.042	mg/Kg	☼	10/11/25 07:21	10/11/25 15:59	1
2,4-Dinitrophenol	0.28	U	0.28	0.17	mg/Kg	☼	10/11/25 07:21	10/11/25 15:59	1
2,4-Dinitrotoluene	0.071	U	0.071	0.038	mg/Kg	☼	10/11/25 07:21	10/11/25 15:59	1
2,6-Dinitrotoluene	0.071	U	0.071	0.025	mg/Kg	☼	10/11/25 07:21	10/11/25 15:59	1
2-Chloronaphthalene	0.35	U	0.35	0.045	mg/Kg	☼	10/11/25 07:21	10/11/25 15:59	1
2-Chlorophenol	0.35	U	0.35	0.012	mg/Kg	☼	10/11/25 07:21	10/11/25 15:59	1
2-Methylnaphthalene	0.35	U	0.35	0.0098	mg/Kg	☼	10/11/25 07:21	10/11/25 15:59	1
2-Methylphenol	0.35	U	0.35	0.013	mg/Kg	☼	10/11/25 07:21	10/11/25 15:59	1
2-Nitroaniline	0.35	U	0.35	0.027	mg/Kg	☼	10/11/25 07:21	10/11/25 15:59	1
2-Nitrophenol	0.35	U	0.35	0.035	mg/Kg	☼	10/11/25 07:21	10/11/25 15:59	1
3 & 4 Methylphenol	0.35	U	0.35	0.022	mg/Kg	☼	10/11/25 07:21	10/11/25 15:59	1
3,3'-Dichlorobenzidine	0.14	U	0.14	0.053	mg/Kg	☼	10/11/25 07:21	10/11/25 15:59	1
3-Nitroaniline	0.35	U	0.35	0.083	mg/Kg	☼	10/11/25 07:21	10/11/25 15:59	1
4,6-Dinitro-2-methylphenol	0.28	U	0.28	0.14	mg/Kg	☼	10/11/25 07:21	10/11/25 15:59	1
4-Bromophenyl phenyl ether	0.35	U	0.35	0.014	mg/Kg	☼	10/11/25 07:21	10/11/25 15:59	1
4-Chloro-3-methylphenol	0.35	U	0.35	0.020	mg/Kg	☼	10/11/25 07:21	10/11/25 15:59	1
4-Chloroaniline	0.35	U	0.35	0.062	mg/Kg	☼	10/11/25 07:21	10/11/25 15:59	1
4-Chlorophenyl phenyl ether	0.35	U	0.35	0.012	mg/Kg	☼	10/11/25 07:21	10/11/25 15:59	1
4-Methylphenol	0.35	U	0.35	0.022	mg/Kg	☼	10/11/25 07:21	10/11/25 15:59	1
4-Nitroaniline	0.35	U	0.35	0.089	mg/Kg	☼	10/11/25 07:21	10/11/25 15:59	1
4-Nitrophenol	0.71	U	0.71	0.057	mg/Kg	☼	10/11/25 07:21	10/11/25 15:59	1
Acenaphthene	0.35	U	0.35	0.0099	mg/Kg	☼	10/11/25 07:21	10/11/25 15:59	1
Acenaphthylene	0.35	U	0.35	0.010	mg/Kg	☼	10/11/25 07:21	10/11/25 15:59	1
Acetophenone	0.35	U	0.35	0.017	mg/Kg	☼	10/11/25 07:21	10/11/25 15:59	1
Anthracene	0.35	U	0.35	0.011	mg/Kg	☼	10/11/25 07:21	10/11/25 15:59	1
Atrazine	0.14	U *	0.14	0.021	mg/Kg	☼	10/11/25 07:21	10/11/25 15:59	1
Benzaldehyde	0.35	U	0.35	0.058	mg/Kg	☼	10/11/25 07:21	10/11/25 15:59	1
Benzo[a]anthracene	0.035	U	0.035	0.026	mg/Kg	☼	10/11/25 07:21	10/11/25 15:59	1
Benzo[a]pyrene	0.035	U	0.035	0.0093	mg/Kg	☼	10/11/25 07:21	10/11/25 15:59	1
Benzo[b]fluoranthene	0.035	U	0.035	0.0090	mg/Kg	☼	10/11/25 07:21	10/11/25 15:59	1
Benzo[g,h,i]perylene	0.35	U	0.35	0.010	mg/Kg	☼	10/11/25 07:21	10/11/25 15:59	1
Benzo[k]fluoranthene	0.035	U	0.035	0.0068	mg/Kg	☼	10/11/25 07:21	10/11/25 15:59	1
Bis(2-chloroethoxy)methane	0.35	U	0.35	0.064	mg/Kg	☼	10/11/25 07:21	10/11/25 15:59	1
Bis(2-chloroethyl)ether	0.035	U	0.035	0.012	mg/Kg	☼	10/11/25 07:21	10/11/25 15:59	1
Bis(2-ethylhexyl) phthalate	0.35	U	0.35	0.018	mg/Kg	☼	10/11/25 07:21	10/11/25 15:59	1
Butyl benzyl phthalate	0.35	U	0.35	0.016	mg/Kg	☼	10/11/25 07:21	10/11/25 15:59	1
Caprolactam	0.35	U *	0.35	0.054	mg/Kg	☼	10/11/25 07:21	10/11/25 15:59	1
Carbazole	0.35	U	0.35	0.013	mg/Kg	☼	10/11/25 07:21	10/11/25 15:59	1
Chrysene	0.35	U	0.35	0.015	mg/Kg	☼	10/11/25 07:21	10/11/25 15:59	1
Dibenz(a,h)anthracene	0.035	U	0.035	0.015	mg/Kg	☼	10/11/25 07:21	10/11/25 15:59	1
Dibenzofuran	0.35	U	0.35	0.012	mg/Kg	☼	10/11/25 07:21	10/11/25 15:59	1

Client Sample ID: 3G_0-7
Date Collected: 10/09/25 13:50
Date Received: 10/09/25 16:58

Lab Sample ID: 460-336881-15
Matrix: Solid
Percent Solids: 94.8

Method: SW846 8270E - Semivolatile Organic Compounds (GC/MS) (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Diethyl phthalate	0.35	U	0.35	0.011	mg/Kg	☼	10/11/25 07:21	10/11/25 15:59	1
Dimethyl phthalate	0.35	U	0.35	0.079	mg/Kg	☼	10/11/25 07:21	10/11/25 15:59	1
Di-n-butyl phthalate	0.35	U	0.35	0.013	mg/Kg	☼	10/11/25 07:21	10/11/25 15:59	1
Di-n-octyl phthalate	0.35	U	0.35	0.018	mg/Kg	☼	10/11/25 07:21	10/11/25 15:59	1
Fluoranthene	0.35	U	0.35	0.012	mg/Kg	☼	10/11/25 07:21	10/11/25 15:59	1
Fluorene	0.35	U	0.35	0.010	mg/Kg	☼	10/11/25 07:21	10/11/25 15:59	1
Hexachlorobenzene	0.035	U	0.035	0.017	mg/Kg	☼	10/11/25 07:21	10/11/25 15:59	1
Hexachlorobutadiene	0.071	U	0.071	0.0074	mg/Kg	☼	10/11/25 07:21	10/11/25 15:59	1
Hexachlorocyclopentadiene	0.35	U	0.35	0.031	mg/Kg	☼	10/11/25 07:21	10/11/25 15:59	1
Hexachloroethane	0.035	U	0.035	0.012	mg/Kg	☼	10/11/25 07:21	10/11/25 15:59	1
Indeno[1,2,3-cd]pyrene	0.035	U	0.035	0.014	mg/Kg	☼	10/11/25 07:21	10/11/25 15:59	1
Isophorone	0.14	U	0.14	0.10	mg/Kg	☼	10/11/25 07:21	10/11/25 15:59	1
Naphthalene	0.35	U	0.35	0.0060	mg/Kg	☼	10/11/25 07:21	10/11/25 15:59	1
Nitrobenzene	0.035	U	0.035	0.019	mg/Kg	☼	10/11/25 07:21	10/11/25 15:59	1
N-Nitrosodi-n-propylamine	0.035	U	0.035	0.025	mg/Kg	☼	10/11/25 07:21	10/11/25 15:59	1
N-Nitrosodiphenylamine	0.35	U	0.35	0.029	mg/Kg	☼	10/11/25 07:21	10/11/25 15:59	1
Pentachlorophenol	0.28	U	0.28	0.072	mg/Kg	☼	10/11/25 07:21	10/11/25 15:59	1
Phenanthrene	0.35	U	0.35	0.014	mg/Kg	☼	10/11/25 07:21	10/11/25 15:59	1
Phenol	0.35	U	0.35	0.013	mg/Kg	☼	10/11/25 07:21	10/11/25 15:59	1
Pyrene	0.35	U	0.35	0.0087	mg/Kg	☼	10/11/25 07:21	10/11/25 15:59	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
2,4,6-Tribromophenol (Surr)	*71*		*18 - 137*	*10/11/25 07:21*	*10/11/25 15:59*	*1*
2-Fluorobiphenyl	*69*		*33 - 117*	*10/11/25 07:21*	*10/11/25 15:59*	*1*
2-Fluorophenol (Surr)	*74*		*24 - 120*	*10/11/25 07:21*	*10/11/25 15:59*	*1*
Nitrobenzene-d5 (Surr)	*73*		*27 - 120*	*10/11/25 07:21*	*10/11/25 15:59*	*1*
Phenol-d5 (Surr)	*72*		*28 - 118*	*10/11/25 07:21*	*10/11/25 15:59*	*1*
Terphenyl-d14 (Surr)	*81*		*33 - 124*	*10/11/25 07:21*	*10/11/25 15:59*	*1*

Method: SW846 8081B - Organochlorine Pesticides (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
4,4'-DDD	0.0071	U	0.0071	0.0012	mg/Kg	☼	10/11/25 17:27	10/13/25 15:37	1
4,4'-DDE	**0.0060**	**J**	0.0071	0.00083	mg/Kg	☼	10/11/25 17:27	10/13/25 15:37	1
4,4'-DDT	**0.013**		0.0071	0.0013	mg/Kg	☼	10/11/25 17:27	10/13/25 15:37	1
Aldrin	0.0071	U	0.0071	0.0011	mg/Kg	☼	10/11/25 17:27	10/13/25 15:37	1
alpha-BHC	0.0021	U *	0.0021	0.00072	mg/Kg	☼	10/11/25 17:27	10/13/25 15:37	1
beta-BHC	0.0021	U	0.0021	0.00079	mg/Kg	☼	10/11/25 17:27	10/13/25 15:37	1
Chlordane (technical)	0.071	U	0.071	0.017	mg/Kg	☼	10/11/25 17:27	10/13/25 15:37	1
cis-Chlordane	0.0071	U	0.0071	0.0011	mg/Kg	☼	10/11/25 17:27	10/13/25 15:37	1
delta-BHC	0.0021	U *	0.0021	0.00043	mg/Kg	☼	10/11/25 17:27	10/13/25 15:37	1
Dieldrin	0.0021	U *	0.0021	0.00092	mg/Kg	☼	10/11/25 17:27	10/13/25 15:37	1
Endosulfan I	0.0071	U	0.0071	0.0011	mg/Kg	☼	10/11/25 17:27	10/13/25 15:37	1
Endosulfan II	0.0071	U	0.0071	0.0018	mg/Kg	☼	10/11/25 17:27	10/13/25 15:37	1
Endosulfan sulfate	0.0071	U	0.0071	0.00089	mg/Kg	☼	10/11/25 17:27	10/13/25 15:37	1
Endrin	0.0071	U	0.0071	0.0010	mg/Kg	☼	10/11/25 17:27	10/13/25 15:37	1
Endrin aldehyde	0.0071	U	0.0071	0.0017	mg/Kg	☼	10/11/25 17:27	10/13/25 15:37	1
Endrin ketone	0.0071	U	0.0071	0.0014	mg/Kg	☼	10/11/25 17:27	10/13/25 15:37	1
gamma-BHC (Lindane)	0.0021	U	0.0021	0.00065	mg/Kg	☼	10/11/25 17:27	10/13/25 15:37	1
Heptachlor	0.0071	U	0.0071	0.00083	mg/Kg	☼	10/11/25 17:27	10/13/25 15:37	1
Heptachlor epoxide	0.0071	U	0.0071	0.0011	mg/Kg	☼	10/11/25 17:27	10/13/25 15:37	1

Client Sample ID: 3G_0-7

Date Collected: 10/09/25 13:50
Date Received: 10/09/25 16:58

Lab Sample ID: 460-336881-15

Matrix: Solid
Percent Solids: 94.8

Method: SW846 8081B - Organochlorine Pesticides (GC) (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Methoxychlor	0.0071	U	0.0071	0.0016	mg/Kg	☼	10/11/25 17:27	10/13/25 15:37	1
Toxaphene	0.071	U	0.071	0.026	mg/Kg	☼	10/11/25 17:27	10/13/25 15:37	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
DCB Decachlorobiphenyl	*116*		*10 - 150*	*10/11/25 17:27*	*10/13/25 15:37*	*1*
DCB Decachlorobiphenyl	*143*		*10 - 150*	*10/11/25 17:27*	*10/13/25 15:37*	*1*
Tetrachloro-m-xylene	*63*		*14 - 150*	*10/11/25 17:27*	*10/13/25 15:37*	*1*
Tetrachloro-m-xylene	*74*		*14 - 150*	*10/11/25 17:27*	*10/13/25 15:37*	*1*

Method: SW846 8082A - Polychlorinated Biphenyls (PCBs) by Gas Chromatography

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Aroclor 1016	0.071	U	0.071	0.019	mg/Kg	☼	10/11/25 17:23	10/14/25 11:43	1
Aroclor 1221	0.071	U	0.071	0.019	mg/Kg	☼	10/11/25 17:23	10/14/25 11:43	1
Aroclor 1232	0.071	U	0.071	0.019	mg/Kg	☼	10/11/25 17:23	10/14/25 11:43	1
Aroclor 1242	0.071	U	0.071	0.019	mg/Kg	☼	10/11/25 17:23	10/14/25 11:43	1
Aroclor 1248	0.071	U	0.071	0.019	mg/Kg	☼	10/11/25 17:23	10/14/25 11:43	1
Aroclor 1254	0.071	U	0.071	0.019	mg/Kg	☼	10/11/25 17:23	10/14/25 11:43	1
Aroclor 1260	0.071	U	0.071	0.019	mg/Kg	☼	10/11/25 17:23	10/14/25 11:43	1
Aroclor-1262	0.071	U	0.071	0.019	mg/Kg	☼	10/11/25 17:23	10/14/25 11:43	1
Aroclor 1268	0.071	U	0.071	0.019	mg/Kg	☼	10/11/25 17:23	10/14/25 11:43	1
Polychlorinated biphenyls, Total	0.071	U	0.071	0.019	mg/Kg	☼	10/11/25 17:23	10/14/25 11:43	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
DCB Decachlorobiphenyl	*63*		*10 - 150*	*10/11/25 17:23*	*10/14/25 11:43*	*1*
DCB Decachlorobiphenyl	*75*		*10 - 150*	*10/11/25 17:23*	*10/14/25 11:43*	*1*
Tetrachloro-m-xylene	*46*		*10 - 150*	*10/11/25 17:23*	*10/14/25 11:43*	*1*
Tetrachloro-m-xylene	*47*		*10 - 150*	*10/11/25 17:23*	*10/14/25 11:43*	*1*

Method: EPA 1633A - Per- and Polyfluoroalkyl Substances by LC/MS/MS, 1633A

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Perfluorobutanoic acid (PFBA)	0.39	U	0.39	0.099	ug/Kg	☼	10/15/25 16:06	10/17/25 08:41	1
Perfluoropentanoic acid (PFPeA)	0.20	U	0.20	0.099	ug/Kg	☼	10/15/25 16:06	10/17/25 08:41	1
Perfluorohexanoic acid (PFHxA)	0.20	U	0.20	0.099	ug/Kg	☼	10/15/25 16:06	10/17/25 08:41	1
Perfluoroheptanoic acid (PFHpA)	0.20	U	0.20	0.099	ug/Kg	☼	10/15/25 16:06	10/17/25 08:41	1
Perfluorooctanoic acid (PFOA)	**0.063**	**J**	0.20	0.059	ug/Kg	☼	10/15/25 16:06	10/17/25 08:41	1
Perfluorononanoic acid (PFNA)	0.20	U	0.20	0.099	ug/Kg	☼	10/15/25 16:06	10/17/25 08:41	1
Perfluorodecanoic acid (PFDA)	0.20	U	0.20	0.059	ug/Kg	☼	10/15/25 16:06	10/17/25 08:41	1
Perfluoroundecanoic acid (PFUnA)	0.20	U	0.20	0.099	ug/Kg	☼	10/15/25 16:06	10/17/25 08:41	1
Perfluorododecanoic acid (PFDoA)	0.20	U	0.20	0.099	ug/Kg	☼	10/15/25 16:06	10/17/25 08:41	1
Perfluorotridecanoic acid (PFTrDA)	0.20	U	0.20	0.099	ug/Kg	☼	10/15/25 16:06	10/17/25 08:41	1
Perfluorotetradecanoic acid (PFTeDA)	0.20	U	0.20	0.099	ug/Kg	☼	10/15/25 16:06	10/17/25 08:41	1
Perfluorobutanesulfonic acid (PFBS)	0.20	U	0.20	0.099	ug/Kg	☼	10/15/25 16:06	10/17/25 08:41	1
Perfluoropentanesulfonic acid (PFPeS)	0.20	U	0.20	0.099	ug/Kg	☼	10/15/25 16:06	10/17/25 08:41	1
Perfluorohexanesulfonic acid (PFHxS)	0.20	U	0.20	0.099	ug/Kg	☼	10/15/25 16:06	10/17/25 08:41	1
Perfluoroheptanesulfonic acid (PFHpS)	0.20	U	0.20	0.099	ug/Kg	☼	10/15/25 16:06	10/17/25 08:41	1
Perfluorooctanesulfonic acid (PFOS)	0.20	U	0.20	0.099	ug/Kg	☼	10/15/25 16:06	10/17/25 08:41	1
Perfluorononanesulfonic acid (PFNS)	0.20	U	0.20	0.099	ug/Kg	☼	10/15/25 16:06	10/17/25 08:41	1
Perfluorodecanesulfonic acid (PFDS)	0.20	U	0.20	0.099	ug/Kg	☼	10/15/25 16:06	10/17/25 08:41	1

Client Sample ID: 3G_0-7
Date Collected: 10/09/25 13:50
Date Received: 10/09/25 16:58

Lab Sample ID: 460-336881-15
Matrix: Solid
Percent Solids: 94.8

Method: EPA 1633A - Per- and Polyfluoroalkyl Substances by LC/MS/MS, 1633A (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Perfluorododecanesulfonic acid (PFDoS)	0.20	U	0.20	0.099	ug/Kg	☼	10/15/25 16:06	10/17/25 08:41	1
1H,1H,2H,2H-Perfluorohexane sulfonic acid (4:2 FTS)	0.39	U	0.39	0.20	ug/Kg	☼	10/15/25 16:06	10/17/25 08:41	1
1H,1H,2H,2H-Perfluorooctane sulfonic acid (6:2 FTS)	0.39	U	0.39	0.20	ug/Kg	☼	10/15/25 16:06	10/17/25 08:41	1
1H,1H,2H,2H-Perfluorodecane sulfonic acid (8:2 FTS)	0.39	U	0.39	0.20	ug/Kg	☼	10/15/25 16:06	10/17/25 08:41	1
Perfluorooctanesulfonamide (PFOSA)	0.20	U	0.20	0.099	ug/Kg	☼	10/15/25 16:06	10/17/25 08:41	1
N-methylperfluorooctane sulfonamide (NMeFOSA)	0.20	U	0.20	0.099	ug/Kg	☼	10/15/25 16:06	10/17/25 08:41	1
N-ethylperfluorooctane sulfonamide (NEtFOSA)	0.20	U	0.20	0.099	ug/Kg	☼	10/15/25 16:06	10/17/25 08:41	1
N-methylperfluorooctanesulfonamidoacetic acid (NMeFOSAA)	0.20	U	0.20	0.099	ug/Kg	☼	10/15/25 16:06	10/17/25 08:41	1
N-ethylperfluorooctanesulfonamidoacetic acid (NEtFOSAA)	0.20	U	0.20	0.099	ug/Kg	☼	10/15/25 16:06	10/17/25 08:41	1
N-methylperfluorooctane sulfonamidoethanol (NMeFOSE)	0.99	U	0.99	0.49	ug/Kg	☼	10/15/25 16:06	10/17/25 08:41	1
N-ethylperfluorooctane sulfonamidoethanol (NEtFOSE)	0.99	U	0.99	0.49	ug/Kg	☼	10/15/25 16:06	10/17/25 08:41	1
Hexafluoropropylene Oxide Dimer Acid (HFPO-DA)	0.20	U	0.20	0.099	ug/Kg	☼	10/15/25 16:06	10/17/25 08:41	1
4,8-Dioxa-3H-perfluorononanoic acid (ADONA)	0.20	U	0.20	0.099	ug/Kg	☼	10/15/25 16:06	10/17/25 08:41	1
Perfluoro-3-methoxypropanoic acid (PFMPA)	0.20	U	0.20	0.099	ug/Kg	☼	10/15/25 16:06	10/17/25 08:41	1
Perfluoro-4-methoxybutanoic acid (PFMBA)	0.20	U	0.20	0.099	ug/Kg	☼	10/15/25 16:06	10/17/25 08:41	1
Nonafluoro-3,6-dioxaheptanoic acid (NFDHA)	0.20	U	0.20	0.099	ug/Kg	☼	10/15/25 16:06	10/17/25 08:41	1
9-Chlorohexadecafluoro-3-oxanonane-1-sulfonic acid (9Cl-PF3ONS)	0.20	U	0.20	0.099	ug/Kg	☼	10/15/25 16:06	10/17/25 08:41	1
11-Chloroeicosafluoro-3-oxaundecane-1-sulfonic acid (11Cl-PF3OUdS)	0.20	U	0.20	0.099	ug/Kg	☼	10/15/25 16:06	10/17/25 08:41	1
Perfluoro (2-ethoxyethane) sulfonic acid (PFEESA)	0.20	U	0.20	0.099	ug/Kg	☼	10/15/25 16:06	10/17/25 08:41	1
3-Perfluoropropylpropanoic acid (3:3 FTCA)	0.39	U	0.39	0.20	ug/Kg	☼	10/15/25 16:06	10/17/25 08:41	1
3-Perfluoropentylpropanoic acid (5:3 FTCA)	0.99	U	0.99	0.49	ug/Kg	☼	10/15/25 16:06	10/17/25 08:41	1
3-Perfluoroheptylpropanoic acid (7:3 FTCA)	0.99	U	0.99	0.49	ug/Kg	☼	10/15/25 16:06	10/17/25 08:41	1

Isotope Dilution	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
13C4 PFBA	*92.6*		*8 - 130*	*10/15/25 16:06*	*10/17/25 08:41*	*1*
13C5 PFPeA	*93.0*		*35 - 130*	*10/15/25 16:06*	*10/17/25 08:41*	*1*
13C5 PFHxA	*95.2*		*40 - 130*	*10/15/25 16:06*	*10/17/25 08:41*	*1*
13C4 PFHpA	*100*		*40 - 130*	*10/15/25 16:06*	*10/17/25 08:41*	*1*
13C8 PFOA	*93.8*		*40 - 130*	*10/15/25 16:06*	*10/17/25 08:41*	*1*
13C9 PFNA	*84.0*		*40 - 130*	*10/15/25 16:06*	*10/17/25 08:41*	*1*
13C6 PFDA	*80.1*		*40 - 130*	*10/15/25 16:06*	*10/17/25 08:41*	*1*
13C7 PFUnA	*82.4*		*40 - 130*	*10/15/25 16:06*	*10/17/25 08:41*	*1*
13C2 PFTeDA	*45.1*		*20 - 130*	*10/15/25 16:06*	*10/17/25 08:41*	*1*
13C3 PFBS	*89.8*		*40 - 135*	*10/15/25 16:06*	*10/17/25 08:41*	*1*

Client Sample ID: 3G_0-7

Date Collected: 10/09/25 13:50
Date Received: 10/09/25 16:58

Lab Sample ID: 460-336881-15

Matrix: Solid
Percent Solids: 94.8

Method: EPA 1633A - Per- and Polyfluoroalkyl Substances by LC/MS/MS, 1633A (Continued)

Isotope Dilution	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
13C3 PFHxS	87.9		40 - 130	10/15/25 16:06	10/17/25 08:41	1
13C8 PFOS	76.1		40 - 130	10/15/25 16:06	10/17/25 08:41	1
13C8 FOSA	64.8		40 - 130	10/15/25 16:06	10/17/25 08:41	1
d3-NMeFOSAA	60.7		40 - 135	10/15/25 16:06	10/17/25 08:41	1
d5-NEtFOSAA	60.2		40 - 150	10/15/25 16:06	10/17/25 08:41	1
13C2 4:2 FTS	108		40 - 165	10/15/25 16:06	10/17/25 08:41	1
13C2 6:2 FTS	115		40 - 215	10/15/25 16:06	10/17/25 08:41	1
13C2 8:2 FTS	82.7		40 - 275	10/15/25 16:06	10/17/25 08:41	1
13C3 HFPO-DA	96.1		40 - 130	10/15/25 16:06	10/17/25 08:41	1
d7-N-MeFOSE-M	35.6		20 - 130	10/15/25 16:06	10/17/25 08:41	1
d9-N-EtFOSE-M	30.0		15 - 130	10/15/25 16:06	10/17/25 08:41	1
d5-NEtPFOSA	52.9		10 - 130	10/15/25 16:06	10/17/25 08:41	1
d3-NMePFOSA	59.6		10 - 130	10/15/25 16:06	10/17/25 08:41	1
13C2 PFDoA	67.8		40 - 130	10/15/25 16:06	10/17/25 08:41	1

Method: SW846 6020B - Metals (ICP/MS)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Aluminum	4620		15.6	4.3	mg/Kg	☼	10/16/25 19:30	10/17/25 11:54	1
Antimony	1.3		0.78	0.11	mg/Kg	☼	10/16/25 19:30	10/17/25 11:54	1
Arsenic	7.0		0.78	0.080	mg/Kg	☼	10/16/25 19:30	10/17/25 11:54	1
Barium	23.1		1.6	0.11	mg/Kg	☼	10/16/25 19:30	10/17/25 11:54	1
Beryllium	0.45		0.31	0.017	mg/Kg	☼	10/16/25 19:30	10/17/25 11:54	1
Cadmium	0.11	J	0.78	0.088	mg/Kg	☼	10/16/25 19:30	10/17/25 11:54	1
Calcium	661		78.1	7.6	mg/Kg	☼	10/16/25 19:30	10/17/25 11:54	1
Chromium	12.0		1.6	0.23	mg/Kg	☼	10/16/25 19:30	10/17/25 11:54	1
Cobalt	5.3		0.78	0.12	mg/Kg	☼	10/16/25 19:30	10/17/25 11:54	1
Copper	27.8		1.6	0.29	mg/Kg	☼	10/16/25 19:30	10/17/25 11:54	1
Iron	24800		46.9	6.0	mg/Kg	☼	10/16/25 19:30	10/17/25 11:54	1
Lead	21.4		0.47	0.16	mg/Kg	☼	10/16/25 19:30	10/17/25 11:54	1
Magnesium	1170		78.1	8.0	mg/Kg	☼	10/16/25 19:30	10/17/25 11:54	1
Manganese	209		3.1	0.31	mg/Kg	☼	10/16/25 19:30	10/17/25 11:54	1
Nickel	8.7		1.6	0.14	mg/Kg	☼	10/16/25 19:30	10/17/25 11:54	1
Potassium	1270		78.1	12.7	mg/Kg	☼	10/16/25 19:30	10/17/25 11:54	1
Selenium	0.29	J	0.98	0.10	mg/Kg	☼	10/16/25 19:30	10/17/25 11:54	1
Silver	0.10	J	0.31	0.070	mg/Kg	☼	10/16/25 19:30	10/17/25 11:54	1
Sodium	78.1	U	78.1	35.7	mg/Kg	☼	10/16/25 19:30	10/17/25 11:54	1
Thallium	0.049	J	0.31	0.032	mg/Kg	☼	10/16/25 19:30	10/17/25 11:54	1
Vanadium	19.6		1.6	0.16	mg/Kg	☼	10/16/25 19:30	10/17/25 11:54	1
Zinc	29.2		6.3	0.85	mg/Kg	☼	10/16/25 19:30	10/17/25 11:54	1

Method: SW846 7471B - Mercury (CVAA)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	0.013	J	0.016	0.0077	mg/Kg	☼	10/20/25 02:11	10/20/25 07:24	1

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Percent Moisture (EPA Moisture)	5.2		1.0	1.0	%			10/12/25 10:53	1
Percent Solids (EPA Moisture)	94.8		1.0	1.0	%			10/12/25 10:53	1

Client Sample ID: 3G_7-14
Date Collected: 10/09/25 13:55
Date Received: 10/09/25 16:58

Lab Sample ID: 460-336881-16
Matrix: Solid
Percent Solids: 96.5

Method: SW846 8270E - Semivolatile Organic Compounds (GC/MS)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1'-Biphenyl	0.34	U	0.34	0.012	mg/Kg	☼	10/11/25 07:21	10/11/25 16:21	1
1,2,4,5-Tetrachlorobenzene	0.34	U	0.34	0.011	mg/Kg	☼	10/11/25 07:21	10/11/25 16:21	1
1,4-Dioxane	0.034	U	0.034	0.030	mg/Kg	☼	10/11/25 07:21	10/11/25 16:21	1
2,2'-oxybis[1-chloropropane]	0.34	U	0.34	0.020	mg/Kg	☼	10/11/25 07:21	10/11/25 16:21	1
2,3,4,6-Tetrachlorophenol	0.34	U	0.34	0.023	mg/Kg	☼	10/11/25 07:21	10/11/25 16:21	1
2,4,5-Trichlorophenol	0.34	U	0.34	0.035	mg/Kg	☼	10/11/25 07:21	10/11/25 16:21	1
2,4,6-Trichlorophenol	0.14	U	0.14	0.044	mg/Kg	☼	10/11/25 07:21	10/11/25 16:21	1
2,4-Dichlorophenol	0.14	U	0.14	0.022	mg/Kg	☼	10/11/25 07:21	10/11/25 16:21	1
2,4-Dimethylphenol	0.34	U	0.34	0.041	mg/Kg	☼	10/11/25 07:21	10/11/25 16:21	1
2,4-Dinitrophenol	0.27	U	0.27	0.17	mg/Kg	☼	10/11/25 07:21	10/11/25 16:21	1
2,4-Dinitrotoluene	0.069	U	0.069	0.037	mg/Kg	☼	10/11/25 07:21	10/11/25 16:21	1
2,6-Dinitrotoluene	0.069	U	0.069	0.025	mg/Kg	☼	10/11/25 07:21	10/11/25 16:21	1
2-Chloronaphthalene	0.34	U	0.34	0.044	mg/Kg	☼	10/11/25 07:21	10/11/25 16:21	1
2-Chlorophenol	0.34	U	0.34	0.012	mg/Kg	☼	10/11/25 07:21	10/11/25 16:21	1
2-Methylnaphthalene	0.34	U	0.34	0.0095	mg/Kg	☼	10/11/25 07:21	10/11/25 16:21	1
2-Methylphenol	0.34	U	0.34	0.013	mg/Kg	☼	10/11/25 07:21	10/11/25 16:21	1
2-Nitroaniline	0.34	U	0.34	0.026	mg/Kg	☼	10/11/25 07:21	10/11/25 16:21	1
2-Nitrophenol	0.34	U	0.34	0.034	mg/Kg	☼	10/11/25 07:21	10/11/25 16:21	1
3 & 4 Methylphenol	0.34	U	0.34	0.021	mg/Kg	☼	10/11/25 07:21	10/11/25 16:21	1
3,3'-Dichlorobenzidine	0.14	U	0.14	0.052	mg/Kg	☼	10/11/25 07:21	10/11/25 16:21	1
3-Nitroaniline	0.34	U	0.34	0.081	mg/Kg	☼	10/11/25 07:21	10/11/25 16:21	1
4,6-Dinitro-2-methylphenol	0.27	U	0.27	0.14	mg/Kg	☼	10/11/25 07:21	10/11/25 16:21	1
4-Bromophenyl phenyl ether	0.34	U	0.34	0.014	mg/Kg	☼	10/11/25 07:21	10/11/25 16:21	1
4-Chloro-3-methylphenol	0.34	U	0.34	0.019	mg/Kg	☼	10/11/25 07:21	10/11/25 16:21	1
4-Chloroaniline	0.34	U	0.34	0.061	mg/Kg	☼	10/11/25 07:21	10/11/25 16:21	1
4-Chlorophenyl phenyl ether	0.34	U	0.34	0.012	mg/Kg	☼	10/11/25 07:21	10/11/25 16:21	1
4-Methylphenol	0.34	U	0.34	0.021	mg/Kg	☼	10/11/25 07:21	10/11/25 16:21	1
4-Nitroaniline	0.34	U	0.34	0.087	mg/Kg	☼	10/11/25 07:21	10/11/25 16:21	1
4-Nitrophenol	0.69	U	0.69	0.056	mg/Kg	☼	10/11/25 07:21	10/11/25 16:21	1
Acenaphthene	0.34	U	0.34	0.0097	mg/Kg	☼	10/11/25 07:21	10/11/25 16:21	1
Acenaphthylene	0.34	U	0.34	0.0098	mg/Kg	☼	10/11/25 07:21	10/11/25 16:21	1
Acetophenone	0.34	U	0.34	0.017	mg/Kg	☼	10/11/25 07:21	10/11/25 16:21	1
Anthracene	0.34	U	0.34	0.010	mg/Kg	☼	10/11/25 07:21	10/11/25 16:21	1
Atrazine	0.14	U *	0.14	0.020	mg/Kg	☼	10/11/25 07:21	10/11/25 16:21	1
Benzaldehyde	0.34	U	0.34	0.056	mg/Kg	☼	10/11/25 07:21	10/11/25 16:21	1
Benzo[a]anthracene	0.034	U	0.034	0.026	mg/Kg	☼	10/11/25 07:21	10/11/25 16:21	1
Benzo[a]pyrene	0.034	U	0.034	0.0091	mg/Kg	☼	10/11/25 07:21	10/11/25 16:21	1
Benzo[b]fluoranthene	0.034	U	0.034	0.0088	mg/Kg	☼	10/11/25 07:21	10/11/25 16:21	1
Benzo[g,h,i]perylene	0.34	U	0.34	0.010	mg/Kg	☼	10/11/25 07:21	10/11/25 16:21	1
Benzo[k]fluoranthene	0.034	U	0.034	0.0067	mg/Kg	☼	10/11/25 07:21	10/11/25 16:21	1
Bis(2-chloroethoxy)methane	0.34	U	0.34	0.063	mg/Kg	☼	10/11/25 07:21	10/11/25 16:21	1
Bis(2-chloroethyl)ether	0.034	U	0.034	0.012	mg/Kg	☼	10/11/25 07:21	10/11/25 16:21	1
Bis(2-ethylhexyl) phthalate	0.34	U	0.34	0.018	mg/Kg	☼	10/11/25 07:21	10/11/25 16:21	1
Butyl benzyl phthalate	0.34	U	0.34	0.016	mg/Kg	☼	10/11/25 07:21	10/11/25 16:21	1
Caprolactam	0.34	U *	0.34	0.053	mg/Kg	☼	10/11/25 07:21	10/11/25 16:21	1
Carbazole	0.34	U	0.34	0.013	mg/Kg	☼	10/11/25 07:21	10/11/25 16:21	1
Chrysene	0.34	U	0.34	0.014	mg/Kg	☼	10/11/25 07:21	10/11/25 16:21	1
Dibenz(a,h)anthracene	0.034	U	0.034	0.015	mg/Kg	☼	10/11/25 07:21	10/11/25 16:21	1
Dibenzofuran	0.34	U	0.34	0.011	mg/Kg	☼	10/11/25 07:21	10/11/25 16:21	1

Client Sample ID: 3G_7-14
Date Collected: 10/09/25 13:55
Date Received: 10/09/25 16:58

Lab Sample ID: 460-336881-16
Matrix: Solid
Percent Solids: 96.5

Method: SW846 8270E - Semivolatile Organic Compounds (GC/MS) (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Diethyl phthalate	0.34	U	0.34	0.011	mg/Kg	☼	10/11/25 07:21	10/11/25 16:21	1
Dimethyl phthalate	0.34	U	0.34	0.078	mg/Kg	☼	10/11/25 07:21	10/11/25 16:21	1
Di-n-butyl phthalate	0.34	U	0.34	0.013	mg/Kg	☼	10/11/25 07:21	10/11/25 16:21	1
Di-n-octyl phthalate	0.34	U	0.34	0.018	mg/Kg	☼	10/11/25 07:21	10/11/25 16:21	1
Fluoranthene	0.34	U	0.34	0.012	mg/Kg	☼	10/11/25 07:21	10/11/25 16:21	1
Fluorene	0.34	U	0.34	0.010	mg/Kg	☼	10/11/25 07:21	10/11/25 16:21	1
Hexachlorobenzene	0.034	U	0.034	0.016	mg/Kg	☼	10/11/25 07:21	10/11/25 16:21	1
Hexachlorobutadiene	0.069	U	0.069	0.0073	mg/Kg	☼	10/11/25 07:21	10/11/25 16:21	1
Hexachlorocyclopentadiene	0.34	U	0.34	0.030	mg/Kg	☼	10/11/25 07:21	10/11/25 16:21	1
Hexachloroethane	0.034	U	0.034	0.012	mg/Kg	☼	10/11/25 07:21	10/11/25 16:21	1
Indeno[1,2,3-cd]pyrene	0.034	U	0.034	0.013	mg/Kg	☼	10/11/25 07:21	10/11/25 16:21	1
Isophorone	0.14	U	0.14	0.099	mg/Kg	☼	10/11/25 07:21	10/11/25 16:21	1
Naphthalene	0.34	U	0.34	0.0059	mg/Kg	☼	10/11/25 07:21	10/11/25 16:21	1
Nitrobenzene	0.034	U	0.034	0.019	mg/Kg	☼	10/11/25 07:21	10/11/25 16:21	1
N-Nitrosodi-n-propylamine	0.034	U	0.034	0.025	mg/Kg	☼	10/11/25 07:21	10/11/25 16:21	1
N-Nitrosodiphenylamine	0.34	U	0.34	0.028	mg/Kg	☼	10/11/25 07:21	10/11/25 16:21	1
Pentachlorophenol	0.27	U	0.27	0.070	mg/Kg	☼	10/11/25 07:21	10/11/25 16:21	1
Phenanthrene	0.34	U	0.34	0.014	mg/Kg	☼	10/11/25 07:21	10/11/25 16:21	1
Phenol	0.34	U	0.34	0.013	mg/Kg	☼	10/11/25 07:21	10/11/25 16:21	1
Pyrene	0.34	U	0.34	0.0085	mg/Kg	☼	10/11/25 07:21	10/11/25 16:21	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
2,4,6-Tribromophenol (Surr)	*75*		*18 - 137*	*10/11/25 07:21*	*10/11/25 16:21*	*1*
2-Fluorobiphenyl	*72*		*33 - 117*	*10/11/25 07:21*	*10/11/25 16:21*	*1*
2-Fluorophenol (Surr)	*75*		*24 - 120*	*10/11/25 07:21*	*10/11/25 16:21*	*1*
Nitrobenzene-d5 (Surr)	*74*		*27 - 120*	*10/11/25 07:21*	*10/11/25 16:21*	*1*
Phenol-d5 (Surr)	*73*		*28 - 118*	*10/11/25 07:21*	*10/11/25 16:21*	*1*
Terphenyl-d14 (Surr)	*87*		*33 - 124*	*10/11/25 07:21*	*10/11/25 16:21*	*1*

Method: SW846 8081B - Organochlorine Pesticides (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
4,4'-DDD	0.0069	U	0.0069	0.0012	mg/Kg	☼	10/11/25 17:27	10/13/25 15:53	1
4,4'-DDE	0.0069	U	0.0069	0.00082	mg/Kg	☼	10/11/25 17:27	10/13/25 15:53	1
4,4'-DDT	0.0069	U	0.0069	0.0013	mg/Kg	☼	10/11/25 17:27	10/13/25 15:53	1
Aldrin	0.0069	U	0.0069	0.0010	mg/Kg	☼	10/11/25 17:27	10/13/25 15:53	1
alpha-BHC	0.0021	U *	0.0021	0.00070	mg/Kg	☼	10/11/25 17:27	10/13/25 15:53	1
beta-BHC	0.0021	U	0.0021	0.00078	mg/Kg	☼	10/11/25 17:27	10/13/25 15:53	1
Chlordane (technical)	0.069	U	0.069	0.017	mg/Kg	☼	10/11/25 17:27	10/13/25 15:53	1
cis-Chlordane	0.0069	U	0.0069	0.0011	mg/Kg	☼	10/11/25 17:27	10/13/25 15:53	1
delta-BHC	0.0021	U *	0.0021	0.00042	mg/Kg	☼	10/11/25 17:27	10/13/25 15:53	1
Dieldrin	0.0021	U *	0.0021	0.00090	mg/Kg	☼	10/11/25 17:27	10/13/25 15:53	1
Endosulfan I	0.0069	U	0.0069	0.0011	mg/Kg	☼	10/11/25 17:27	10/13/25 15:53	1
Endosulfan II	0.0069	U	0.0069	0.0018	mg/Kg	☼	10/11/25 17:27	10/13/25 15:53	1
Endosulfan sulfate	0.0069	U	0.0069	0.00087	mg/Kg	☼	10/11/25 17:27	10/13/25 15:53	1
Endrin	0.0069	U	0.0069	0.00099	mg/Kg	☼	10/11/25 17:27	10/13/25 15:53	1
Endrin aldehyde	0.0069	U	0.0069	0.0016	mg/Kg	☼	10/11/25 17:27	10/13/25 15:53	1
Endrin ketone	0.0069	U	0.0069	0.0013	mg/Kg	☼	10/11/25 17:27	10/13/25 15:53	1
gamma-BHC (Lindane)	0.0021	U	0.0021	0.00064	mg/Kg	☼	10/11/25 17:27	10/13/25 15:53	1
Heptachlor	0.0069	U	0.0069	0.00082	mg/Kg	☼	10/11/25 17:27	10/13/25 15:53	1
Heptachlor epoxide	0.0069	U	0.0069	0.0010	mg/Kg	☼	10/11/25 17:27	10/13/25 15:53	1

Client Sample ID: 3G_7-14
Date Collected: 10/09/25 13:55
Date Received: 10/09/25 16:58

Lab Sample ID: 460-336881-16
Matrix: Solid
Percent Solids: 96.5

Method: SW846 8081B - Organochlorine Pesticides (GC) (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Methoxychlor	0.0069	U	0.0069	0.0016	mg/Kg	☼	10/11/25 17:27	10/13/25 15:53	1
Toxaphene	0.069	U	0.069	0.025	mg/Kg	☼	10/11/25 17:27	10/13/25 15:53	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
DCB Decachlorobiphenyl	*95*		*10 - 150*	*10/11/25 17:27*	*10/13/25 15:53*	*1*
DCB Decachlorobiphenyl	*103*		*10 - 150*	*10/11/25 17:27*	*10/13/25 15:53*	*1*
Tetrachloro-m-xylene	*56*		*14 - 150*	*10/11/25 17:27*	*10/13/25 15:53*	*1*
Tetrachloro-m-xylene	*44*		*14 - 150*	*10/11/25 17:27*	*10/13/25 15:53*	*1*

Method: SW846 8082A - Polychlorinated Biphenyls (PCBs) by Gas Chromatography

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Aroclor 1016	0.069	U	0.069	0.018	mg/Kg	☼	10/11/25 17:23	10/14/25 12:00	1
Aroclor 1221	0.069	U	0.069	0.018	mg/Kg	☼	10/11/25 17:23	10/14/25 12:00	1
Aroclor 1232	0.069	U	0.069	0.018	mg/Kg	☼	10/11/25 17:23	10/14/25 12:00	1
Aroclor 1242	0.069	U	0.069	0.018	mg/Kg	☼	10/11/25 17:23	10/14/25 12:00	1
Aroclor 1248	0.069	U	0.069	0.018	mg/Kg	☼	10/11/25 17:23	10/14/25 12:00	1
Aroclor 1254	0.069	U	0.069	0.018	mg/Kg	☼	10/11/25 17:23	10/14/25 12:00	1
Aroclor 1260	0.069	U	0.069	0.018	mg/Kg	☼	10/11/25 17:23	10/14/25 12:00	1
Aroclor-1262	0.069	U	0.069	0.018	mg/Kg	☼	10/11/25 17:23	10/14/25 12:00	1
Aroclor 1268	0.069	U	0.069	0.018	mg/Kg	☼	10/11/25 17:23	10/14/25 12:00	1
Polychlorinated biphenyls, Total	0.069	U	0.069	0.018	mg/Kg	☼	10/11/25 17:23	10/14/25 12:00	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
DCB Decachlorobiphenyl	*60*		*10 - 150*	*10/11/25 17:23*	*10/14/25 12:00*	*1*
DCB Decachlorobiphenyl	*78*		*10 - 150*	*10/11/25 17:23*	*10/14/25 12:00*	*1*
Tetrachloro-m-xylene	*36*		*10 - 150*	*10/11/25 17:23*	*10/14/25 12:00*	*1*
Tetrachloro-m-xylene	*38*		*10 - 150*	*10/11/25 17:23*	*10/14/25 12:00*	*1*

Method: EPA 1633A - Per- and Polyfluoroalkyl Substances by LC/MS/MS, 1633A

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Perfluorobutanoic acid (PFBA)	0.39	U	0.39	0.098	ug/Kg	☼	10/15/25 16:06	10/17/25 08:54	1
Perfluoropentanoic acid (PFPeA)	0.20	U	0.20	0.098	ug/Kg	☼	10/15/25 16:06	10/17/25 08:54	1
Perfluorohexanoic acid (PFHxA)	0.20	U	0.20	0.098	ug/Kg	☼	10/15/25 16:06	10/17/25 08:54	1
Perfluoroheptanoic acid (PFHpA)	0.20	U	0.20	0.098	ug/Kg	☼	10/15/25 16:06	10/17/25 08:54	1
Perfluorooctanoic acid (PFOA)	**0.065**	**J**	0.20	0.059	ug/Kg	☼	10/15/25 16:06	10/17/25 08:54	1
Perfluorononanoic acid (PFNA)	0.20	U	0.20	0.098	ug/Kg	☼	10/15/25 16:06	10/17/25 08:54	1
Perfluorodecanoic acid (PFDA)	0.20	U	0.20	0.059	ug/Kg	☼	10/15/25 16:06	10/17/25 08:54	1
Perfluoroundecanoic acid (PFUnA)	0.20	U	0.20	0.098	ug/Kg	☼	10/15/25 16:06	10/17/25 08:54	1
Perfluorododecanoic acid (PFDoA)	0.20	U	0.20	0.098	ug/Kg	☼	10/15/25 16:06	10/17/25 08:54	1
Perfluorotridecanoic acid (PFTrDA)	0.20	U	0.20	0.098	ug/Kg	☼	10/15/25 16:06	10/17/25 08:54	1
Perfluorotetradecanoic acid (PFTeDA)	0.20	U	0.20	0.098	ug/Kg	☼	10/15/25 16:06	10/17/25 08:54	1
Perfluorobutanesulfonic acid (PFBS)	0.20	U	0.20	0.098	ug/Kg	☼	10/15/25 16:06	10/17/25 08:54	1
Perfluoropentanesulfonic acid (PFPeS)	0.20	U	0.20	0.098	ug/Kg	☼	10/15/25 16:06	10/17/25 08:54	1
Perfluorohexanesulfonic acid (PFHxS)	0.20	U	0.20	0.098	ug/Kg	☼	10/15/25 16:06	10/17/25 08:54	1
Perfluoroheptanesulfonic acid (PFHpS)	0.20	U	0.20	0.098	ug/Kg	☼	10/15/25 16:06	10/17/25 08:54	1
Perfluorooctanesulfonic acid (PFOS)	0.20	U	0.20	0.098	ug/Kg	☼	10/15/25 16:06	10/17/25 08:54	1
Perfluorononanesulfonic acid (PFNS)	0.20	U	0.20	0.098	ug/Kg	☼	10/15/25 16:06	10/17/25 08:54	1
Perfluorodecanesulfonic acid (PFDS)	0.20	U	0.20	0.098	ug/Kg	☼	10/15/25 16:06	10/17/25 08:54	1

Client Sample ID: 3G_7-14
Date Collected: 10/09/25 13:55
Date Received: 10/09/25 16:58

Lab Sample ID: 460-336881-16
Matrix: Solid
Percent Solids: 96.5

Method: EPA 1633A - Per- and Polyfluoroalkyl Substances by LC/MS/MS, 1633A (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Perfluorododecanesulfonic acid (PFDoS)	0.20	U	0.20	0.098	ug/Kg	☼	10/15/25 16:06	10/17/25 08:54	1
1H,1H,2H,2H-Perfluorohexane sulfonic acid (4:2 FTS)	0.39	U	0.39	0.20	ug/Kg	☼	10/15/25 16:06	10/17/25 08:54	1
1H,1H,2H,2H-Perfluorooctane sulfonic acid (6:2 FTS)	0.39	U	0.39	0.20	ug/Kg	☼	10/15/25 16:06	10/17/25 08:54	1
1H,1H,2H,2H-Perfluorodecane sulfonic acid (8:2 FTS)	0.39	U	0.39	0.20	ug/Kg	☼	10/15/25 16:06	10/17/25 08:54	1
Perfluorooctanesulfonamide (PFOSA)	0.20	U	0.20	0.098	ug/Kg	☼	10/15/25 16:06	10/17/25 08:54	1
N-methylperfluorooctane sulfonamide (NMeFOSA)	0.20	U	0.20	0.098	ug/Kg	☼	10/15/25 16:06	10/17/25 08:54	1
N-ethylperfluorooctane sulfonamide (NEtFOSA)	0.20	U	0.20	0.098	ug/Kg	☼	10/15/25 16:06	10/17/25 08:54	1
N-methylperfluorooctanesulfonamidoacetic acid (NMeFOSAA)	0.20	U	0.20	0.098	ug/Kg	☼	10/15/25 16:06	10/17/25 08:54	1
N-ethylperfluorooctanesulfonamidoacetic acid (NEtFOSAA)	0.20	U	0.20	0.098	ug/Kg	☼	10/15/25 16:06	10/17/25 08:54	1
N-methylperfluorooctane sulfonamidoethanol (NMeFOSE)	0.98	U	0.98	0.49	ug/Kg	☼	10/15/25 16:06	10/17/25 08:54	1
N-ethylperfluorooctane sulfonamidoethanol (NEtFOSE)	0.98	U	0.98	0.49	ug/Kg	☼	10/15/25 16:06	10/17/25 08:54	1
Hexafluoropropylene Oxide Dimer Acid (HFPO-DA)	0.20	U	0.20	0.098	ug/Kg	☼	10/15/25 16:06	10/17/25 08:54	1
4,8-Dioxa-3H-perfluorononanoic acid (ADONA)	0.20	U	0.20	0.098	ug/Kg	☼	10/15/25 16:06	10/17/25 08:54	1
Perfluoro-3-methoxypropanoic acid (PFMPA)	0.20	U	0.20	0.098	ug/Kg	☼	10/15/25 16:06	10/17/25 08:54	1
Perfluoro-4-methoxybutanoic acid (PFMBA)	0.20	U	0.20	0.098	ug/Kg	☼	10/15/25 16:06	10/17/25 08:54	1
Nonafluoro-3,6-dioxaheptanoic acid (NFDHA)	0.20	U	0.20	0.098	ug/Kg	☼	10/15/25 16:06	10/17/25 08:54	1
9-Chlorohexadecafluoro-3-oxanonane-1-sulfonic acid (9Cl-PF3ONS)	0.20	U	0.20	0.098	ug/Kg	☼	10/15/25 16:06	10/17/25 08:54	1
11-Chloroeicosafluoro-3-oxaundecane-1-sulfonic acid (11Cl-PF3OUdS)	0.20	U	0.20	0.098	ug/Kg	☼	10/15/25 16:06	10/17/25 08:54	1
Perfluoro (2-ethoxyethane) sulfonic acid (PFEESA)	0.20	U	0.20	0.098	ug/Kg	☼	10/15/25 16:06	10/17/25 08:54	1
3-Perfluoropropylpropanoic acid (3:3 FTCA)	0.39	U	0.39	0.20	ug/Kg	☼	10/15/25 16:06	10/17/25 08:54	1
3-Perfluoropentylpropanoic acid (5:3 FTCA)	0.98	U	0.98	0.49	ug/Kg	☼	10/15/25 16:06	10/17/25 08:54	1
3-Perfluoroheptylpropanoic acid (7:3 FTCA)	0.98	U	0.98	0.49	ug/Kg	☼	10/15/25 16:06	10/17/25 08:54	1

Isotope Dilution	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
13C4 PFBA	*85.2*		*8 - 130*	*10/15/25 16:06*	*10/17/25 08:54*	*1*
13C5 PFPeA	*83.7*		*35 - 130*	*10/15/25 16:06*	*10/17/25 08:54*	*1*
13C5 PFHxA	*83.1*		*40 - 130*	*10/15/25 16:06*	*10/17/25 08:54*	*1*
13C4 PFHpA	*86.2*		*40 - 130*	*10/15/25 16:06*	*10/17/25 08:54*	*1*
13C8 PFOA	*81.9*		*40 - 130*	*10/15/25 16:06*	*10/17/25 08:54*	*1*
13C9 PFNA	*78.8*		*40 - 130*	*10/15/25 16:06*	*10/17/25 08:54*	*1*
13C6 PFDA	*74.7*		*40 - 130*	*10/15/25 16:06*	*10/17/25 08:54*	*1*
13C7 PFUnA	*73.9*		*40 - 130*	*10/15/25 16:06*	*10/17/25 08:54*	*1*
13C2 PFTeDA	*43.8*		*20 - 130*	*10/15/25 16:06*	*10/17/25 08:54*	*1*
13C3 PFBS	*77.7*		*40 - 135*	*10/15/25 16:06*	*10/17/25 08:54*	*1*

Client Sample ID: 3G_7-14

Date Collected: 10/09/25 13:55
Date Received: 10/09/25 16:58

Lab Sample ID: 460-336881-16

Matrix: Solid
Percent Solids: 96.5

Method: EPA 1633A - Per- and Polyfluoroalkyl Substances by LC/MS/MS, 1633A (Continued)

Isotope Dilution	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
13C3 PFHxS	75.0		40 - 130	10/15/25 16:06	10/17/25 08:54	1
13C8 PFOS	72.4		40 - 130	10/15/25 16:06	10/17/25 08:54	1
13C8 FOSA	59.3		40 - 130	10/15/25 16:06	10/17/25 08:54	1
d3-NMeFOSAA	56.0		40 - 135	10/15/25 16:06	10/17/25 08:54	1
d5-NEtFOSAA	55.5		40 - 150	10/15/25 16:06	10/17/25 08:54	1
13C2 4:2 FTS	98.1		40 - 165	10/15/25 16:06	10/17/25 08:54	1
13C2 6:2 FTS	95.6		40 - 215	10/15/25 16:06	10/17/25 08:54	1
13C2 8:2 FTS	67.9		40 - 275	10/15/25 16:06	10/17/25 08:54	1
13C3 HFPO-DA	82.0		40 - 130	10/15/25 16:06	10/17/25 08:54	1
d7-N-MeFOSE-M	31.5		20 - 130	10/15/25 16:06	10/17/25 08:54	1
d9-N-EtFOSE-M	27.1		15 - 130	10/15/25 16:06	10/17/25 08:54	1
d5-NEtPFOSA	50.0		10 - 130	10/15/25 16:06	10/17/25 08:54	1
d3-NMePFOSA	56.0		10 - 130	10/15/25 16:06	10/17/25 08:54	1
13C2 PFDoA	62.1		40 - 130	10/15/25 16:06	10/17/25 08:54	1

Method: SW846 6020B - Metals (ICP/MS)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Aluminum	5680		16.2	4.4	mg/Kg	☼	10/16/25 19:30	10/17/25 11:57	1
Antimony	0.95		0.81	0.12	mg/Kg	☼	10/16/25 19:30	10/17/25 11:57	1
Arsenic	5.3		0.81	0.083	mg/Kg	☼	10/16/25 19:30	10/17/25 11:57	1
Barium	28.7		1.6	0.12	mg/Kg	☼	10/16/25 19:30	10/17/25 11:57	1
Beryllium	0.45		0.32	0.018	mg/Kg	☼	10/16/25 19:30	10/17/25 11:57	1
Cadmium	0.12	J	0.81	0.091	mg/Kg	☼	10/16/25 19:30	10/17/25 11:57	1
Calcium	492		81.0	7.9	mg/Kg	☼	10/16/25 19:30	10/17/25 11:57	1
Chromium	11.3		1.6	0.24	mg/Kg	☼	10/16/25 19:30	10/17/25 11:57	1
Cobalt	4.4		0.81	0.12	mg/Kg	☼	10/16/25 19:30	10/17/25 11:57	1
Copper	20.5		1.6	0.30	mg/Kg	☼	10/16/25 19:30	10/17/25 11:57	1
Iron	15300		48.6	6.2	mg/Kg	☼	10/16/25 19:30	10/17/25 11:57	1
Lead	22.2		0.49	0.16	mg/Kg	☼	10/16/25 19:30	10/17/25 11:57	1
Magnesium	1440		81.0	8.3	mg/Kg	☼	10/16/25 19:30	10/17/25 11:57	1
Manganese	168		3.2	0.33	mg/Kg	☼	10/16/25 19:30	10/17/25 11:57	1
Nickel	7.3		1.6	0.14	mg/Kg	☼	10/16/25 19:30	10/17/25 11:57	1
Potassium	1220		81.0	13.1	mg/Kg	☼	10/16/25 19:30	10/17/25 11:57	1
Selenium	0.22	J	1.0	0.10	mg/Kg	☼	10/16/25 19:30	10/17/25 11:57	1
Silver	0.076	J	0.32	0.072	mg/Kg	☼	10/16/25 19:30	10/17/25 11:57	1
Sodium	81.0	U	81.0	37.0	mg/Kg	☼	10/16/25 19:30	10/17/25 11:57	1
Thallium	0.061	J	0.32	0.033	mg/Kg	☼	10/16/25 19:30	10/17/25 11:57	1
Vanadium	19.5		1.6	0.17	mg/Kg	☼	10/16/25 19:30	10/17/25 11:57	1
Zinc	31.2		6.5	0.88	mg/Kg	☼	10/16/25 19:30	10/17/25 11:57	1

Method: SW846 7471B - Mercury (CVAA)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	0.014	J	0.016	0.0074	mg/Kg	☼	10/20/25 02:11	10/20/25 07:26	1

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Percent Moisture (EPA Moisture)	3.5		1.0	1.0	%			10/12/25 10:53	1
Percent Solids (EPA Moisture)	96.5		1.0	1.0	%			10/12/25 10:53	1

Client Sample ID: 3A1_2-3
Date Collected: 10/09/25 11:05
Date Received: 10/09/25 16:58

Lab Sample ID: 460-336881-17
Matrix: Solid
Percent Solids: 93.8

Method: SW846 8260D - Volatile Organic Compounds by GC/MS

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1-Trichloroethane	0.0011	U	0.0011	0.00026	mg/Kg	☼	10/12/25 12:30	10/14/25 11:43	1
1,1,2,2-Tetrachloroethane	0.0011	U	0.0011	0.00058	mg/Kg	☼	10/12/25 12:30	10/14/25 11:43	1
1,1,2-Trichloro-1,2,2-trifluoroethane	0.0011	U	0.0011	0.00033	mg/Kg	☼	10/12/25 12:30	10/14/25 11:43	1
1,1,2-Trichloroethane	0.0011	U	0.0011	0.00067	mg/Kg	☼	10/12/25 12:30	10/14/25 11:43	1
1,1-Dichloroethane	0.0011	U	0.0011	0.00066	mg/Kg	☼	10/12/25 12:30	10/14/25 11:43	1
1,1-Dichloroethene	0.0011	U	0.0011	0.00025	mg/Kg	☼	10/12/25 12:30	10/14/25 11:43	1
1,2,3-Trichlorobenzene	0.0011	U	0.0011	0.00082	mg/Kg	☼	10/12/25 12:30	10/14/25 11:43	1
1,2,4-Trichlorobenzene	0.0011	U	0.0011	0.00040	mg/Kg	☼	10/12/25 12:30	10/14/25 11:43	1
1,2,4-Trimethylbenzene	0.0011	U	0.0011	0.00027	mg/Kg	☼	10/12/25 12:30	10/14/25 11:43	1
1,2-Dibromo-3-Chloropropane	0.0011	U	0.0011	0.00051	mg/Kg	☼	10/12/25 12:30	10/14/25 11:43	1
1,2-Dichlorobenzene	0.0011	U	0.0011	0.00040	mg/Kg	☼	10/12/25 12:30	10/14/25 11:43	1
1,2-Dichloroethane	0.0011	U	0.0011	0.00033	mg/Kg	☼	10/12/25 12:30	10/14/25 11:43	1
1,2-Dichloropropane	0.0011	U	0.0011	0.00047	mg/Kg	☼	10/12/25 12:30	10/14/25 11:43	1
1,3,5-Trimethylbenzene	0.0011	U	0.0011	0.00035	mg/Kg	☼	10/12/25 12:30	10/14/25 11:43	1
1,3-Dichlorobenzene	0.0011	U	0.0011	0.00040	mg/Kg	☼	10/12/25 12:30	10/14/25 11:43	1
1,4-Dichlorobenzene	0.0011	U	0.0011	0.00058	mg/Kg	☼	10/12/25 12:30	10/14/25 11:43	1
2-Butanone (MEK)	0.0055	U	0.0055	0.00041	mg/Kg	☼	10/12/25 12:30	10/14/25 11:43	1
2-Hexanone	0.0055	U	0.0055	0.0019	mg/Kg	☼	10/12/25 12:30	10/14/25 11:43	1
4-Methyl-2-pentanone (MIBK)	0.0055	U	0.0055	0.0017	mg/Kg	☼	10/12/25 12:30	10/14/25 11:43	1
Acetone	**0.15**		0.0067	0.0063	mg/Kg	☼	10/12/25 12:30	10/14/25 11:43	1
Benzene	0.0011	U	0.0011	0.00063	mg/Kg	☼	10/12/25 12:30	10/14/25 11:43	1
Bromoform	0.0011	U	0.0011	0.00047	mg/Kg	☼	10/12/25 12:30	10/14/25 11:43	1
Bromomethane	0.0022	U	0.0022	0.0011	mg/Kg	☼	10/12/25 12:30	10/14/25 11:43	1
Carbon disulfide	0.0011	U	0.0011	0.00030	mg/Kg	☼	10/12/25 12:30	10/14/25 11:43	1
Carbon tetrachloride	0.0011	U	0.0011	0.00043	mg/Kg	☼	10/12/25 12:30	10/14/25 11:43	1
Chlorobenzene	0.0011	U	0.0011	0.00056	mg/Kg	☼	10/12/25 12:30	10/14/25 11:43	1
Chlorobromomethane	0.0011	U	0.0011	0.00066	mg/Kg	☼	10/12/25 12:30	10/14/25 11:43	1
Chlorodibromomethane	0.0011	U	0.0011	0.00060	mg/Kg	☼	10/12/25 12:30	10/14/25 11:43	1
Chloroethane	0.0011	U	0.0011	0.00058	mg/Kg	☼	10/12/25 12:30	10/14/25 11:43	1
Chloroform	0.0011	U	0.0011	0.0011	mg/Kg	☼	10/12/25 12:30	10/14/25 11:43	1
Chloromethane	0.0011	U	0.0011	0.00048	mg/Kg	☼	10/12/25 12:30	10/14/25 11:43	1
cis-1,2-Dichloroethene	0.0011	U	0.0011	0.00040	mg/Kg	☼	10/12/25 12:30	10/14/25 11:43	1
cis-1,3-Dichloropropene	0.0011	U	0.0011	0.00030	mg/Kg	☼	10/12/25 12:30	10/14/25 11:43	1
Cyclohexane	0.0011	U	0.0011	0.00025	mg/Kg	☼	10/12/25 12:30	10/14/25 11:43	1
Dichlorobromomethane	0.0011	U	0.0011	0.00029	mg/Kg	☼	10/12/25 12:30	10/14/25 11:43	1
Dichlorodifluoromethane	0.0011	U	0.0011	0.00037	mg/Kg	☼	10/12/25 12:30	10/14/25 11:43	1
Ethylbenzene	0.0011	U	0.0011	0.00052	mg/Kg	☼	10/12/25 12:30	10/14/25 11:43	1
Ethylene Dibromide	0.0011	U	0.0011	0.00056	mg/Kg	☼	10/12/25 12:30	10/14/25 11:43	1
Isopropylbenzene	0.0011	U	0.0011	0.00032	mg/Kg	☼	10/12/25 12:30	10/14/25 11:43	1
Methyl acetate	0.0055	U	0.0055	0.0048	mg/Kg	☼	10/12/25 12:30	10/14/25 11:43	1
Methyl tert-butyl ether	0.0011	U	0.0011	0.00057	mg/Kg	☼	10/12/25 12:30	10/14/25 11:43	1
Methylcyclohexane	0.0011	U	0.0011	0.00055	mg/Kg	☼	10/12/25 12:30	10/14/25 11:43	1
Methylene Chloride	0.0022	U	0.0022	0.0013	mg/Kg	☼	10/12/25 12:30	10/14/25 11:43	1
m-Xylene & p-Xylene	0.0011	U	0.0011	0.00047	mg/Kg	☼	10/12/25 12:30	10/14/25 11:43	1
n-Butylbenzene	0.0011	U	0.0011	0.00033	mg/Kg	☼	10/12/25 12:30	10/14/25 11:43	1
N-Propylbenzene	0.0011	U	0.0011	0.00050	mg/Kg	☼	10/12/25 12:30	10/14/25 11:43	1
o-Xylene	0.0011	U	0.0011	0.00051	mg/Kg	☼	10/12/25 12:30	10/14/25 11:43	1
sec-Butylbenzene	0.0011	U	0.0011	0.00032	mg/Kg	☼	10/12/25 12:30	10/14/25 11:43	1
Styrene	0.0011	U	0.0011	0.00031	mg/Kg	☼	10/12/25 12:30	10/14/25 11:43	1

Client Sample ID: 3A1_2-3

Lab Sample ID: 460-336881-17

Date Collected: 10/09/25 11:05
Matrix: Solid
Date Received: 10/09/25 16:58
Percent Solids: 93.8

Method: SW846 8260D - Volatile Organic Compounds by GC/MS (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
tert-Butylbenzene	0.0011	U	0.0011	0.00031	mg/Kg	☼	10/12/25 12:30	10/14/25 11:43	1
Tetrachloroethene	0.0011	U	0.0011	0.00034	mg/Kg	☼	10/12/25 12:30	10/14/25 11:43	1
Toluene	0.0011	U	0.0011	0.00026	mg/Kg	☼	10/12/25 12:30	10/14/25 11:43	1
trans-1,2-Dichloroethene	0.0011	U	0.0011	0.00027	mg/Kg	☼	10/12/25 12:30	10/14/25 11:43	1
trans-1,3-Dichloropropene	0.0011	U	0.0011	0.00030	mg/Kg	☼	10/12/25 12:30	10/14/25 11:43	1
Trichloroethene	0.0011	U	0.0011	0.00036	mg/Kg	☼	10/12/25 12:30	10/14/25 11:43	1
Trichlorofluoromethane	0.0011	U	0.0011	0.00045	mg/Kg	☼	10/12/25 12:30	10/14/25 11:43	1
Vinyl chloride	0.0011	U	0.0011	0.00061	mg/Kg	☼	10/12/25 12:30	10/14/25 11:43	1
Xylenes, Total	0.0022	U	0.0022	0.00019	mg/Kg	☼	10/12/25 12:30	10/14/25 11:43	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,2-Dichloroethane-d4 (Surr)	*86*		*65 - 138*	*10/12/25 12:30*	*10/14/25 11:43*	*1*
4-Bromofluorobenzene	*93*		*71 - 128*	*10/12/25 12:30*	*10/14/25 11:43*	*1*
Dibromofluoromethane (Surr)	*98*		*50 - 150*	*10/12/25 12:30*	*10/14/25 11:43*	*1*
Toluene-d8 (Surr)	*99*		*71 - 126*	*10/12/25 12:30*	*10/14/25 11:43*	*1*

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Percent Moisture (EPA Moisture)	**6.2**		1.0	1.0	%			10/12/25 18:39	1
Percent Solids (EPA Moisture)	**93.8**		1.0	1.0	%			10/12/25 18:39	1

Client Sample ID: 3A2_1-2

Lab Sample ID: 460-336881-18

Date Collected: 10/09/25 11:10
Matrix: Solid
Date Received: 10/09/25 16:58
Percent Solids: 94.1

Method: SW846 8260D - Volatile Organic Compounds by GC/MS

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1-Trichloroethane	0.0011	U	0.0011	0.00026	mg/Kg	☼	10/12/25 12:30	10/13/25 15:58	1
1,1,2,2-Tetrachloroethane	0.0011	U	0.0011	0.00058	mg/Kg	☼	10/12/25 12:30	10/13/25 15:58	1
1,1,2-Trichloro-1,2,2-trifluoroethane	0.0011	U	0.0011	0.00033	mg/Kg	☼	10/12/25 12:30	10/13/25 15:58	1
1,1,2-Trichloroethane	0.0011	U	0.0011	0.00066	mg/Kg	☼	10/12/25 12:30	10/13/25 15:58	1
1,1-Dichloroethane	0.0011	U	0.0011	0.00066	mg/Kg	☼	10/12/25 12:30	10/13/25 15:58	1
1,1-Dichloroethene	0.0011	U	0.0011	0.00025	mg/Kg	☼	10/12/25 12:30	10/13/25 15:58	1
1,2,3-Trichlorobenzene	0.0011	U	0.0011	0.00082	mg/Kg	☼	10/12/25 12:30	10/13/25 15:58	1
1,2,4-Trichlorobenzene	0.0011	U	0.0011	0.00040	mg/Kg	☼	10/12/25 12:30	10/13/25 15:58	1
1,2,4-Trimethylbenzene	0.0011	U	0.0011	0.00027	mg/Kg	☼	10/12/25 12:30	10/13/25 15:58	1
1,2-Dibromo-3-Chloropropane	0.0011	U	0.0011	0.00051	mg/Kg	☼	10/12/25 12:30	10/13/25 15:58	1
1,2-Dichlorobenzene	0.0011	U	0.0011	0.00040	mg/Kg	☼	10/12/25 12:30	10/13/25 15:58	1
1,2-Dichloroethane	0.0011	U	0.0011	0.00033	mg/Kg	☼	10/12/25 12:30	10/13/25 15:58	1
1,2-Dichloropropane	0.0011	U	0.0011	0.00047	mg/Kg	☼	10/12/25 12:30	10/13/25 15:58	1
1,3,5-Trimethylbenzene	0.0011	U	0.0011	0.00035	mg/Kg	☼	10/12/25 12:30	10/13/25 15:58	1
1,3-Dichlorobenzene	0.0011	U	0.0011	0.00040	mg/Kg	☼	10/12/25 12:30	10/13/25 15:58	1
1,4-Dichlorobenzene	0.0011	U	0.0011	0.00057	mg/Kg	☼	10/12/25 12:30	10/13/25 15:58	1
2-Butanone (MEK)	0.0055	U	0.0055	0.00041	mg/Kg	☼	10/12/25 12:30	10/13/25 15:58	1
2-Hexanone	0.0055	U	0.0055	0.0019	mg/Kg	☼	10/12/25 12:30	10/13/25 15:58	1
4-Methyl-2-pentanone (MIBK)	0.0055	U	0.0055	0.0017	mg/Kg	☼	10/12/25 12:30	10/13/25 15:58	1
Acetone	0.0066	U	0.0066	0.0063	mg/Kg	☼	10/12/25 12:30	10/13/25 15:58	1
Benzene	0.0011	U	0.0011	0.00063	mg/Kg	☼	10/12/25 12:30	10/13/25 15:58	1
Bromoform	0.0011	U	0.0011	0.00047	mg/Kg	☼	10/12/25 12:30	10/13/25 15:58	1
Bromomethane	0.0022	U	0.0022	0.0011	mg/Kg	☼	10/12/25 12:30	10/13/25 15:58	1

Client Sample ID: 3A2_1-2
Date Collected: 10/09/25 11:10
Date Received: 10/09/25 16:58

Lab Sample ID: 460-336881-18
Matrix: Solid
Percent Solids: 94.1

Method: SW846 8260D - Volatile Organic Compounds by GC/MS (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Carbon disulfide	0.0011	U	0.0011	0.00029	mg/Kg	☼	10/12/25 12:30	10/13/25 15:58	1
Carbon tetrachloride	0.0011	U	0.0011	0.00043	mg/Kg	☼	10/12/25 12:30	10/13/25 15:58	1
Chlorobenzene	0.0011	U	0.0011	0.00056	mg/Kg	☼	10/12/25 12:30	10/13/25 15:58	1
Chlorobromomethane	0.0011	U	0.0011	0.00066	mg/Kg	☼	10/12/25 12:30	10/13/25 15:58	1
Chlorodibromomethane	0.0011	U	0.0011	0.00059	mg/Kg	☼	10/12/25 12:30	10/13/25 15:58	1
Chloroethane	0.0011	U	0.0011	0.00058	mg/Kg	☼	10/12/25 12:30	10/13/25 15:58	1
Chloroform	0.0011	U	0.0011	0.0011	mg/Kg	☼	10/12/25 12:30	10/13/25 15:58	1
Chloromethane	0.0011	U	0.0011	0.00048	mg/Kg	☼	10/12/25 12:30	10/13/25 15:58	1
cis-1,2-Dichloroethene	0.0011	U	0.0011	0.00040	mg/Kg	☼	10/12/25 12:30	10/13/25 15:58	1
cis-1,3-Dichloropropene	0.0011	U	0.0011	0.00030	mg/Kg	☼	10/12/25 12:30	10/13/25 15:58	1
Cyclohexane	0.0011	U	0.0011	0.00024	mg/Kg	☼	10/12/25 12:30	10/13/25 15:58	1
Dichlorobromomethane	0.0011	U	0.0011	0.00028	mg/Kg	☼	10/12/25 12:30	10/13/25 15:58	1
Dichlorodifluoromethane	0.0011	U	0.0011	0.00037	mg/Kg	☼	10/12/25 12:30	10/13/25 15:58	1
Ethylbenzene	0.0011	U	0.0011	0.00052	mg/Kg	☼	10/12/25 12:30	10/13/25 15:58	1
Ethylene Dibromide	0.0011	U	0.0011	0.00056	mg/Kg	☼	10/12/25 12:30	10/13/25 15:58	1
Isopropylbenzene	0.0011	U	0.0011	0.00031	mg/Kg	☼	10/12/25 12:30	10/13/25 15:58	1
Methyl acetate	0.0055	U	0.0055	0.0048	mg/Kg	☼	10/12/25 12:30	10/13/25 15:58	1
Methyl tert-butyl ether	0.0011	U	0.0011	0.00057	mg/Kg	☼	10/12/25 12:30	10/13/25 15:58	1
Methylcyclohexane	0.0011	U	0.0011	0.00055	mg/Kg	☼	10/12/25 12:30	10/13/25 15:58	1
Methylene Chloride	0.0022	U	0.0022	0.0013	mg/Kg	☼	10/12/25 12:30	10/13/25 15:58	1
m-Xylene & p-Xylene	0.0011	U	0.0011	0.00047	mg/Kg	☼	10/12/25 12:30	10/13/25 15:58	1
n-Butylbenzene	0.0011	U	0.0011	0.00032	mg/Kg	☼	10/12/25 12:30	10/13/25 15:58	1
N-Propylbenzene	0.0011	U	0.0011	0.00050	mg/Kg	☼	10/12/25 12:30	10/13/25 15:58	1
o-Xylene	0.0011	U	0.0011	0.00051	mg/Kg	☼	10/12/25 12:30	10/13/25 15:58	1
sec-Butylbenzene	0.0011	U	0.0011	0.00032	mg/Kg	☼	10/12/25 12:30	10/13/25 15:58	1
Styrene	0.0011	U	0.0011	0.00031	mg/Kg	☼	10/12/25 12:30	10/13/25 15:58	1
tert-Butylbenzene	0.0011	U	0.0011	0.00030	mg/Kg	☼	10/12/25 12:30	10/13/25 15:58	1
Tetrachloroethene	0.0011	U	0.0011	0.00034	mg/Kg	☼	10/12/25 12:30	10/13/25 15:58	1
Toluene	0.0011	U	0.0011	0.00026	mg/Kg	☼	10/12/25 12:30	10/13/25 15:58	1
trans-1,2-Dichloroethene	0.0011	U	0.0011	0.00027	mg/Kg	☼	10/12/25 12:30	10/13/25 15:58	1
trans-1,3-Dichloropropene	0.0011	U	0.0011	0.00029	mg/Kg	☼	10/12/25 12:30	10/13/25 15:58	1
Trichloroethene	0.0011	U	0.0011	0.00035	mg/Kg	☼	10/12/25 12:30	10/13/25 15:58	1
Trichlorofluoromethane	0.0011	U	0.0011	0.00045	mg/Kg	☼	10/12/25 12:30	10/13/25 15:58	1
Vinyl chloride	0.0011	U	0.0011	0.00060	mg/Kg	☼	10/12/25 12:30	10/13/25 15:58	1
Xylenes, Total	0.0022	U	0.0022	0.00019	mg/Kg	☼	10/12/25 12:30	10/13/25 15:58	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,2-Dichloroethane-d4 (Surr)	*89*		*65 - 138*	*10/12/25 12:30*	*10/13/25 15:58*	*1*
4-Bromofluorobenzene	*95*		*71 - 128*	*10/12/25 12:30*	*10/13/25 15:58*	*1*
Dibromofluoromethane (Surr)	*100*		*50 - 150*	*10/12/25 12:30*	*10/13/25 15:58*	*1*
Toluene-d8 (Surr)	*99*		*71 - 126*	*10/12/25 12:30*	*10/13/25 15:58*	*1*

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Percent Moisture (EPA Moisture)	5.9		1.0	1.0	%			10/12/25 18:39	1
Percent Solids (EPA Moisture)	94.1		1.0	1.0	%			10/12/25 18:39	1

Client: Haley & Aldrich, Inc.
Project/Site: Former Port Mobil

Job ID: 460-336881-1

Client Sample ID: 3A3_6-7
Date Collected: 10/09/25 11:15
Date Received: 10/09/25 16:58

Lab Sample ID: 460-336881-19
Matrix: Solid
Percent Solids: 95.0

Method: SW846 8260D - Volatile Organic Compounds by GC/MS

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1-Trichloroethane	0.0010	U	0.0010	0.00024	mg/Kg	☼	10/12/25 12:30	10/13/25 16:22	1
1,1,2,2-Tetrachloroethane	0.0010	U	0.0010	0.00054	mg/Kg	☼	10/12/25 12:30	10/13/25 16:22	1
1,1,2-Trichloro-1,2,2-trifluoroethane	0.0010	U	0.0010	0.00031	mg/Kg	☼	10/12/25 12:30	10/13/25 16:22	1
1,1,2-Trichloroethane	0.0010	U	0.0010	0.00062	mg/Kg	☼	10/12/25 12:30	10/13/25 16:22	1
1,1-Dichloroethane	0.0010	U	0.0010	0.00062	mg/Kg	☼	10/12/25 12:30	10/13/25 16:22	1
1,1-Dichloroethene	0.0010	U	0.0010	0.00023	mg/Kg	☼	10/12/25 12:30	10/13/25 16:22	1
1,2,3-Trichlorobenzene	0.0010	U	0.0010	0.00077	mg/Kg	☼	10/12/25 12:30	10/13/25 16:22	1
1,2,4-Trichlorobenzene	0.0010	U	0.0010	0.00037	mg/Kg	☼	10/12/25 12:30	10/13/25 16:22	1
1,2,4-Trimethylbenzene	0.0010	U	0.0010	0.00026	mg/Kg	☼	10/12/25 12:30	10/13/25 16:22	1
1,2-Dibromo-3-Chloropropane	0.0010	U	0.0010	0.00048	mg/Kg	☼	10/12/25 12:30	10/13/25 16:22	1
1,2-Dichlorobenzene	0.0010	U	0.0010	0.00037	mg/Kg	☼	10/12/25 12:30	10/13/25 16:22	1
1,2-Dichloroethane	0.0010	U	0.0010	0.00031	mg/Kg	☼	10/12/25 12:30	10/13/25 16:22	1
1,2-Dichloropropane	0.0010	U	0.0010	0.00044	mg/Kg	☼	10/12/25 12:30	10/13/25 16:22	1
1,3,5-Trimethylbenzene	0.0010	U	0.0010	0.00033	mg/Kg	☼	10/12/25 12:30	10/13/25 16:22	1
1,3-Dichlorobenzene	0.0010	U	0.0010	0.00038	mg/Kg	☼	10/12/25 12:30	10/13/25 16:22	1
1,4-Dichlorobenzene	0.0010	U	0.0010	0.00054	mg/Kg	☼	10/12/25 12:30	10/13/25 16:22	1
2-Butanone (MEK)	0.0052	U	0.0052	0.00038	mg/Kg	☼	10/12/25 12:30	10/13/25 16:22	1
2-Hexanone	0.0052	U	0.0052	0.0018	mg/Kg	☼	10/12/25 12:30	10/13/25 16:22	1
4-Methyl-2-pentanone (MIBK)	0.0052	U	0.0052	0.0016	mg/Kg	☼	10/12/25 12:30	10/13/25 16:22	1
Acetone	**0.0089**		0.0062	0.0059	mg/Kg	☼	10/12/25 12:30	10/13/25 16:22	1
Benzene	0.0010	U	0.0010	0.00059	mg/Kg	☼	10/12/25 12:30	10/13/25 16:22	1
Bromoform	0.0010	U	0.0010	0.00044	mg/Kg	☼	10/12/25 12:30	10/13/25 16:22	1
Bromomethane	0.0021	U	0.0021	0.0010	mg/Kg	☼	10/12/25 12:30	10/13/25 16:22	1
Carbon disulfide	0.0010	U	0.0010	0.00028	mg/Kg	☼	10/12/25 12:30	10/13/25 16:22	1
Carbon tetrachloride	0.0010	U	0.0010	0.00040	mg/Kg	☼	10/12/25 12:30	10/13/25 16:22	1
Chlorobenzene	0.0010	U	0.0010	0.00053	mg/Kg	☼	10/12/25 12:30	10/13/25 16:22	1
Chlorobromomethane	0.0010	U	0.0010	0.00062	mg/Kg	☼	10/12/25 12:30	10/13/25 16:22	1
Chlorodibromomethane	0.0010	U	0.0010	0.00056	mg/Kg	☼	10/12/25 12:30	10/13/25 16:22	1
Chloroethane	0.0010	U	0.0010	0.00054	mg/Kg	☼	10/12/25 12:30	10/13/25 16:22	1
Chloroform	0.0010	U	0.0010	0.0010	mg/Kg	☼	10/12/25 12:30	10/13/25 16:22	1
Chloromethane	0.0010	U	0.0010	0.00045	mg/Kg	☼	10/12/25 12:30	10/13/25 16:22	1
cis-1,2-Dichloroethene	0.0010	U	0.0010	0.00037	mg/Kg	☼	10/12/25 12:30	10/13/25 16:22	1
cis-1,3-Dichloropropene	0.0010	U	0.0010	0.00028	mg/Kg	☼	10/12/25 12:30	10/13/25 16:22	1
Cyclohexane	0.0010	U	0.0010	0.00023	mg/Kg	☼	10/12/25 12:30	10/13/25 16:22	1
Dichlorobromomethane	0.0010	U	0.0010	0.00027	mg/Kg	☼	10/12/25 12:30	10/13/25 16:22	1
Dichlorodifluoromethane	0.0010	U	0.0010	0.00035	mg/Kg	☼	10/12/25 12:30	10/13/25 16:22	1
Ethylbenzene	0.0010	U	0.0010	0.00049	mg/Kg	☼	10/12/25 12:30	10/13/25 16:22	1
Ethylene Dibromide	0.0010	U	0.0010	0.00052	mg/Kg	☼	10/12/25 12:30	10/13/25 16:22	1
Isopropylbenzene	0.0010	U	0.0010	0.00030	mg/Kg	☼	10/12/25 12:30	10/13/25 16:22	1
Methyl acetate	0.0052	U	0.0052	0.0045	mg/Kg	☼	10/12/25 12:30	10/13/25 16:22	1
Methyl tert-butyl ether	0.0010	U	0.0010	0.00053	mg/Kg	☼	10/12/25 12:30	10/13/25 16:22	1
Methylcyclohexane	0.0010	U	0.0010	0.00052	mg/Kg	☼	10/12/25 12:30	10/13/25 16:22	1
Methylene Chloride	0.0021	U	0.0021	0.0012	mg/Kg	☼	10/12/25 12:30	10/13/25 16:22	1
m-Xylene & p-Xylene	0.0010	U	0.0010	0.00044	mg/Kg	☼	10/12/25 12:30	10/13/25 16:22	1
n-Butylbenzene	0.0010	U	0.0010	0.00031	mg/Kg	☼	10/12/25 12:30	10/13/25 16:22	1
N-Propylbenzene	0.0010	U	0.0010	0.00047	mg/Kg	☼	10/12/25 12:30	10/13/25 16:22	1
o-Xylene	0.0010	U	0.0010	0.00048	mg/Kg	☼	10/12/25 12:30	10/13/25 16:22	1
sec-Butylbenzene	0.0010	U	0.0010	0.00030	mg/Kg	☼	10/12/25 12:30	10/13/25 16:22	1
Styrene	0.0010	U	0.0010	0.00029	mg/Kg	☼	10/12/25 12:30	10/13/25 16:22	1

Client Sample ID: 3A3_6-7

Lab Sample ID: 460-336881-19

Date Collected: 10/09/25 11:15
Matrix: Solid
Date Received: 10/09/25 16:58
Percent Solids: 95.0

Method: SW846 8260D - Volatile Organic Compounds by GC/MS (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
tert-Butylbenzene	0.0010	U	0.0010	0.00029	mg/Kg	☼	10/12/25 12:30	10/13/25 16:22	1
Tetrachloroethene	0.0010	U	0.0010	0.00032	mg/Kg	☼	10/12/25 12:30	10/13/25 16:22	1
Toluene	0.0010	U	0.0010	0.00024	mg/Kg	☼	10/12/25 12:30	10/13/25 16:22	1
trans-1,2-Dichloroethene	0.0010	U	0.0010	0.00026	mg/Kg	☼	10/12/25 12:30	10/13/25 16:22	1
trans-1,3-Dichloropropene	0.0010	U	0.0010	0.00028	mg/Kg	☼	10/12/25 12:30	10/13/25 16:22	1
Trichloroethene	0.0010	U	0.0010	0.00033	mg/Kg	☼	10/12/25 12:30	10/13/25 16:22	1
Trichlorofluoromethane	0.0010	U	0.0010	0.00042	mg/Kg	☼	10/12/25 12:30	10/13/25 16:22	1
Vinyl chloride	0.0010	U	0.0010	0.00057	mg/Kg	☼	10/12/25 12:30	10/13/25 16:22	1
Xylenes, Total	0.0021	U	0.0021	0.00018	mg/Kg	☼	10/12/25 12:30	10/13/25 16:22	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,2-Dichloroethane-d4 (Surr)	*88*		*65 - 138*	*10/12/25 12:30*	*10/13/25 16:22*	*1*
4-Bromofluorobenzene	*93*		*71 - 128*	*10/12/25 12:30*	*10/13/25 16:22*	*1*
Dibromofluoromethane (Surr)	*98*		*50 - 150*	*10/12/25 12:30*	*10/13/25 16:22*	*1*
Toluene-d8 (Surr)	*99*		*71 - 126*	*10/12/25 12:30*	*10/13/25 16:22*	*1*

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Percent Moisture (EPA Moisture)	**5.0**		1.0	1.0	%			10/12/25 18:39	1
Percent Solids (EPA Moisture)	**95.0**		1.0	1.0	%			10/12/25 18:39	1

Client Sample ID: 3A1_8-9

Lab Sample ID: 460-336881-20

Date Collected: 10/09/25 11:20
Matrix: Solid
Date Received: 10/09/25 16:58
Percent Solids: 94.9

Method: SW846 8260D - Volatile Organic Compounds by GC/MS

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1-Trichloroethane	0.0011	U	0.0011	0.00027	mg/Kg	☼	10/12/25 12:30	10/13/25 16:46	1
1,1,2,2-Tetrachloroethane	0.0011	U	0.0011	0.00060	mg/Kg	☼	10/12/25 12:30	10/13/25 16:46	1
1,1,2-Trichloro-1,2,2-trifluoroethane	0.0011	U	0.0011	0.00034	mg/Kg	☼	10/12/25 12:30	10/13/25 16:46	1
1,1,2-Trichloroethane	0.0011	U	0.0011	0.00069	mg/Kg	☼	10/12/25 12:30	10/13/25 16:46	1
1,1-Dichloroethane	0.0011	U	0.0011	0.00068	mg/Kg	☼	10/12/25 12:30	10/13/25 16:46	1
1,1-Dichloroethene	0.0011	U	0.0011	0.00026	mg/Kg	☼	10/12/25 12:30	10/13/25 16:46	1
1,2,3-Trichlorobenzene	0.0011	U	0.0011	0.00084	mg/Kg	☼	10/12/25 12:30	10/13/25 16:46	1
1,2,4-Trichlorobenzene	0.0011	U	0.0011	0.00041	mg/Kg	☼	10/12/25 12:30	10/13/25 16:46	1
1,2,4-Trimethylbenzene	0.0011	U	0.0011	0.00028	mg/Kg	☼	10/12/25 12:30	10/13/25 16:46	1
1,2-Dibromo-3-Chloropropane	0.0011	U	0.0011	0.00052	mg/Kg	☼	10/12/25 12:30	10/13/25 16:46	1
1,2-Dichlorobenzene	0.0011	U	0.0011	0.00041	mg/Kg	☼	10/12/25 12:30	10/13/25 16:46	1
1,2-Dichloroethane	0.0011	U	0.0011	0.00034	mg/Kg	☼	10/12/25 12:30	10/13/25 16:46	1
1,2-Dichloropropane	0.0011	U	0.0011	0.00048	mg/Kg	☼	10/12/25 12:30	10/13/25 16:46	1
1,3,5-Trimethylbenzene	0.0011	U	0.0011	0.00036	mg/Kg	☼	10/12/25 12:30	10/13/25 16:46	1
1,3-Dichlorobenzene	0.0011	U	0.0011	0.00042	mg/Kg	☼	10/12/25 12:30	10/13/25 16:46	1
1,4-Dichlorobenzene	0.0011	U	0.0011	0.00059	mg/Kg	☼	10/12/25 12:30	10/13/25 16:46	1
2-Butanone (MEK)	0.0057	U	0.0057	0.00042	mg/Kg	☼	10/12/25 12:30	10/13/25 16:46	1
2-Hexanone	0.0057	U	0.0057	0.0020	mg/Kg	☼	10/12/25 12:30	10/13/25 16:46	1
4-Methyl-2-pentanone (MIBK)	0.0057	U	0.0057	0.0018	mg/Kg	☼	10/12/25 12:30	10/13/25 16:46	1
Acetone	**0.13**		0.0068	0.0065	mg/Kg	☼	10/12/25 12:30	10/13/25 16:46	1
Benzene	0.0011	U	0.0011	0.00065	mg/Kg	☼	10/12/25 12:30	10/13/25 16:46	1
Bromoform	0.0011	U	0.0011	0.00048	mg/Kg	☼	10/12/25 12:30	10/13/25 16:46	1
Bromomethane	0.0023	U	0.0023	0.0011	mg/Kg	☼	10/12/25 12:30	10/13/25 16:46	1

Client Sample ID: 3A1_8-9
Date Collected: 10/09/25 11:20
Date Received: 10/09/25 16:58

Lab Sample ID: 460-336881-20
Matrix: Solid
Percent Solids: 94.9

Method: SW846 8260D - Volatile Organic Compounds by GC/MS (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Carbon disulfide	0.0011	U	0.0011	0.00030	mg/Kg	☼	10/12/25 12:30	10/13/25 16:46	1
Carbon tetrachloride	0.0011	U	0.0011	0.00044	mg/Kg	☼	10/12/25 12:30	10/13/25 16:46	1
Chlorobenzene	0.0011	U	0.0011	0.00058	mg/Kg	☼	10/12/25 12:30	10/13/25 16:46	1
Chlorobromomethane	0.0011	U	0.0011	0.00068	mg/Kg	☼	10/12/25 12:30	10/13/25 16:46	1
Chlorodibromomethane	0.0011	U	0.0011	0.00061	mg/Kg	☼	10/12/25 12:30	10/13/25 16:46	1
Chloroethane	0.0011	U	0.0011	0.00060	mg/Kg	☼	10/12/25 12:30	10/13/25 16:46	1
Chloroform	0.0011	U	0.0011	0.0011	mg/Kg	☼	10/12/25 12:30	10/13/25 16:46	1
Chloromethane	0.0011	U	0.0011	0.00050	mg/Kg	☼	10/12/25 12:30	10/13/25 16:46	1
cis-1,2-Dichloroethene	0.0011	U	0.0011	0.00041	mg/Kg	☼	10/12/25 12:30	10/13/25 16:46	1
cis-1,3-Dichloropropene	0.0011	U	0.0011	0.00031	mg/Kg	☼	10/12/25 12:30	10/13/25 16:46	1
Cyclohexane	0.0011	U	0.0011	0.00025	mg/Kg	☼	10/12/25 12:30	10/13/25 16:46	1
Dichlorobromomethane	0.0011	U	0.0011	0.00029	mg/Kg	☼	10/12/25 12:30	10/13/25 16:46	1
Dichlorodifluoromethane	0.0011	U	0.0011	0.00039	mg/Kg	☼	10/12/25 12:30	10/13/25 16:46	1
Ethylbenzene	0.0011	U	0.0011	0.00053	mg/Kg	☼	10/12/25 12:30	10/13/25 16:46	1
Ethylene Dibromide	0.0011	U	0.0011	0.00057	mg/Kg	☼	10/12/25 12:30	10/13/25 16:46	1
Isopropylbenzene	0.0011	U	0.0011	0.00033	mg/Kg	☼	10/12/25 12:30	10/13/25 16:46	1
Methyl acetate	0.0057	U	0.0057	0.0049	mg/Kg	☼	10/12/25 12:30	10/13/25 16:46	1
Methyl tert-butyl ether	0.0011	U	0.0011	0.00058	mg/Kg	☼	10/12/25 12:30	10/13/25 16:46	1
Methylcyclohexane	0.0011	U	0.0011	0.00057	mg/Kg	☼	10/12/25 12:30	10/13/25 16:46	1
Methylene Chloride	0.0023	U	0.0023	0.0013	mg/Kg	☼	10/12/25 12:30	10/13/25 16:46	1
m-Xylene & p-Xylene	0.0011	U	0.0011	0.00048	mg/Kg	☼	10/12/25 12:30	10/13/25 16:46	1
n-Butylbenzene	0.0011	U	0.0011	0.00034	mg/Kg	☼	10/12/25 12:30	10/13/25 16:46	1
N-Propylbenzene	0.0011	U	0.0011	0.00051	mg/Kg	☼	10/12/25 12:30	10/13/25 16:46	1
o-Xylene	0.0011	U	0.0011	0.00053	mg/Kg	☼	10/12/25 12:30	10/13/25 16:46	1
sec-Butylbenzene	0.0011	U	0.0011	0.00033	mg/Kg	☼	10/12/25 12:30	10/13/25 16:46	1
Styrene	0.0011	U	0.0011	0.00032	mg/Kg	☼	10/12/25 12:30	10/13/25 16:46	1
tert-Butylbenzene	0.0011	U	0.0011	0.00031	mg/Kg	☼	10/12/25 12:30	10/13/25 16:46	1
Tetrachloroethene	0.0011	U	0.0011	0.00035	mg/Kg	☼	10/12/25 12:30	10/13/25 16:46	1
Toluene	0.0011	U	0.0011	0.00027	mg/Kg	☼	10/12/25 12:30	10/13/25 16:46	1
trans-1,2-Dichloroethene	0.0011	U	0.0011	0.00028	mg/Kg	☼	10/12/25 12:30	10/13/25 16:46	1
trans-1,3-Dichloropropene	0.0011	U	0.0011	0.00030	mg/Kg	☼	10/12/25 12:30	10/13/25 16:46	1
Trichloroethene	0.0011	U	0.0011	0.00037	mg/Kg	☼	10/12/25 12:30	10/13/25 16:46	1
Trichlorofluoromethane	0.0011	U	0.0011	0.00046	mg/Kg	☼	10/12/25 12:30	10/13/25 16:46	1
Vinyl chloride	0.0011	U	0.0011	0.00062	mg/Kg	☼	10/12/25 12:30	10/13/25 16:46	1
Xylenes, Total	0.0023	U	0.0023	0.00020	mg/Kg	☼	10/12/25 12:30	10/13/25 16:46	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,2-Dichloroethane-d4 (Surr)	*87*		*65 - 138*	*10/12/25 12:30*	*10/13/25 16:46*	*1*
4-Bromofluorobenzene	*94*		*71 - 128*	*10/12/25 12:30*	*10/13/25 16:46*	*1*
Dibromofluoromethane (Surr)	*98*		*50 - 150*	*10/12/25 12:30*	*10/13/25 16:46*	*1*
Toluene-d8 (Surr)	*99*		*71 - 126*	*10/12/25 12:30*	*10/13/25 16:46*	*1*

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Percent Moisture (EPA Moisture)	**5.1**		1.0	1.0	%			10/12/25 17:50	1
Percent Solids (EPA Moisture)	**94.9**		1.0	1.0	%			10/12/25 17:50	1

Client Sample ID: 3A2_10-11
Date Collected: 10/09/25 11:25
Date Received: 10/09/25 16:58

Lab Sample ID: 460-336881-21
Matrix: Solid
Percent Solids: 96.3

Method: SW846 8260D - Volatile Organic Compounds by GC/MS

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1-Trichloroethane	0.0011	U	0.0011	0.00025	mg/Kg	☼	10/12/25 12:30	10/13/25 17:11	1
1,1,2,2-Tetrachloroethane	0.0011	U	0.0011	0.00055	mg/Kg	☼	10/12/25 12:30	10/13/25 17:11	1
1,1,2-Trichloro-1,2,2-trifluoroethane	0.0011	U	0.0011	0.00032	mg/Kg	☼	10/12/25 12:30	10/13/25 17:11	1
1,1,2-Trichloroethane	0.0011	U	0.0011	0.00063	mg/Kg	☼	10/12/25 12:30	10/13/25 17:11	1
1,1-Dichloroethane	0.0011	U	0.0011	0.00063	mg/Kg	☼	10/12/25 12:30	10/13/25 17:11	1
1,1-Dichloroethene	0.0011	U	0.0011	0.00024	mg/Kg	☼	10/12/25 12:30	10/13/25 17:11	1
1,2,3-Trichlorobenzene	0.0011	U	0.0011	0.00078	mg/Kg	☼	10/12/25 12:30	10/13/25 17:11	1
1,2,4-Trichlorobenzene	0.0011	U	0.0011	0.00038	mg/Kg	☼	10/12/25 12:30	10/13/25 17:11	1
1,2,4-Trimethylbenzene	0.0011	U	0.0011	0.00026	mg/Kg	☼	10/12/25 12:30	10/13/25 17:11	1
1,2-Dibromo-3-Chloropropane	0.0011	U	0.0011	0.00049	mg/Kg	☼	10/12/25 12:30	10/13/25 17:11	1
1,2-Dichlorobenzene	0.0011	U	0.0011	0.00038	mg/Kg	☼	10/12/25 12:30	10/13/25 17:11	1
1,2-Dichloroethane	0.0011	U	0.0011	0.00031	mg/Kg	☼	10/12/25 12:30	10/13/25 17:11	1
1,2-Dichloropropane	0.0011	U	0.0011	0.00045	mg/Kg	☼	10/12/25 12:30	10/13/25 17:11	1
1,3,5-Trimethylbenzene	0.0011	U	0.0011	0.00033	mg/Kg	☼	10/12/25 12:30	10/13/25 17:11	1
1,3-Dichlorobenzene	0.0011	U	0.0011	0.00039	mg/Kg	☼	10/12/25 12:30	10/13/25 17:11	1
1,4-Dichlorobenzene	0.0011	U	0.0011	0.00055	mg/Kg	☼	10/12/25 12:30	10/13/25 17:11	1
2-Butanone (MEK)	0.0053	U	0.0053	0.00039	mg/Kg	☼	10/12/25 12:30	10/13/25 17:11	1
2-Hexanone	0.0053	U	0.0053	0.0018	mg/Kg	☼	10/12/25 12:30	10/13/25 17:11	1
4-Methyl-2-pentanone (MIBK)	0.0053	U	0.0053	0.0016	mg/Kg	☼	10/12/25 12:30	10/13/25 17:11	1
Acetone	0.0063	U	0.0063	0.0060	mg/Kg	☼	10/12/25 12:30	10/13/25 17:11	1
Benzene	0.0011	U	0.0011	0.00060	mg/Kg	☼	10/12/25 12:30	10/13/25 17:11	1
Bromoform	0.0011	U	0.0011	0.00045	mg/Kg	☼	10/12/25 12:30	10/13/25 17:11	1
Bromomethane	0.0021	U	0.0021	0.0011	mg/Kg	☼	10/12/25 12:30	10/13/25 17:11	1
Carbon disulfide	0.0011	U	0.0011	0.00028	mg/Kg	☼	10/12/25 12:30	10/13/25 17:11	1
Carbon tetrachloride	0.0011	U	0.0011	0.00041	mg/Kg	☼	10/12/25 12:30	10/13/25 17:11	1
Chlorobenzene	0.0011	U	0.0011	0.00054	mg/Kg	☼	10/12/25 12:30	10/13/25 17:11	1
Chlorobromomethane	0.0011	U	0.0011	0.00063	mg/Kg	☼	10/12/25 12:30	10/13/25 17:11	1
Chlorodibromomethane	0.0011	U	0.0011	0.00057	mg/Kg	☼	10/12/25 12:30	10/13/25 17:11	1
Chloroethane	0.0011	U	0.0011	0.00055	mg/Kg	☼	10/12/25 12:30	10/13/25 17:11	1
Chloroform	0.0011	U	0.0011	0.0010	mg/Kg	☼	10/12/25 12:30	10/13/25 17:11	1
Chloromethane	0.0011	U	0.0011	0.00046	mg/Kg	☼	10/12/25 12:30	10/13/25 17:11	1
cis-1,2-Dichloroethene	0.0011	U	0.0011	0.00038	mg/Kg	☼	10/12/25 12:30	10/13/25 17:11	1
cis-1,3-Dichloropropene	0.0011	U	0.0011	0.00029	mg/Kg	☼	10/12/25 12:30	10/13/25 17:11	1
Cyclohexane	0.0011	U	0.0011	0.00023	mg/Kg	☼	10/12/25 12:30	10/13/25 17:11	1
Dichlorobromomethane	0.0011	U	0.0011	0.00027	mg/Kg	☼	10/12/25 12:30	10/13/25 17:11	1
Dichlorodifluoromethane	0.0011	U	0.0011	0.00036	mg/Kg	☼	10/12/25 12:30	10/13/25 17:11	1
Ethylbenzene	0.0011	U	0.0011	0.00049	mg/Kg	☼	10/12/25 12:30	10/13/25 17:11	1
Ethylene Dibromide	0.0011	U	0.0011	0.00053	mg/Kg	☼	10/12/25 12:30	10/13/25 17:11	1
Isopropylbenzene	0.0011	U	0.0011	0.00030	mg/Kg	☼	10/12/25 12:30	10/13/25 17:11	1
Methyl acetate	0.0053	U	0.0053	0.0045	mg/Kg	☼	10/12/25 12:30	10/13/25 17:11	1
Methyl tert-butyl ether	0.0011	U	0.0011	0.00054	mg/Kg	☼	10/12/25 12:30	10/13/25 17:11	1
Methylcyclohexane	0.0011	U	0.0011	0.00053	mg/Kg	☼	10/12/25 12:30	10/13/25 17:11	1
Methylene Chloride	0.0021	U	0.0021	0.0012	mg/Kg	☼	10/12/25 12:30	10/13/25 17:11	1
m-Xylene & p-Xylene	0.0011	U	0.0011	0.00045	mg/Kg	☼	10/12/25 12:30	10/13/25 17:11	1
n-Butylbenzene	0.0011	U	0.0011	0.00031	mg/Kg	☼	10/12/25 12:30	10/13/25 17:11	1
N-Propylbenzene	0.0011	U	0.0011	0.00047	mg/Kg	☼	10/12/25 12:30	10/13/25 17:11	1
o-Xylene	0.0011	U	0.0011	0.00049	mg/Kg	☼	10/12/25 12:30	10/13/25 17:11	1
sec-Butylbenzene	0.0011	U	0.0011	0.00030	mg/Kg	☼	10/12/25 12:30	10/13/25 17:11	1
Styrene	0.0011	U	0.0011	0.00029	mg/Kg	☼	10/12/25 12:30	10/13/25 17:11	1

Client Sample ID: 3A2_10-11

Lab Sample ID: 460-336881-21

Date Collected: 10/09/25 11:25
Matrix: Solid
Date Received: 10/09/25 16:58
Percent Solids: 96.3

Method: SW846 8260D - Volatile Organic Compounds by GC/MS (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
tert-Butylbenzene	0.0011	U	0.0011	0.00029	mg/Kg	☼	10/12/25 12:30	10/13/25 17:11	1
Tetrachloroethene	0.0011	U	0.0011	0.00032	mg/Kg	☼	10/12/25 12:30	10/13/25 17:11	1
Toluene	0.0011	U	0.0011	0.00025	mg/Kg	☼	10/12/25 12:30	10/13/25 17:11	1
trans-1,2-Dichloroethene	0.0011	U	0.0011	0.00026	mg/Kg	☼	10/12/25 12:30	10/13/25 17:11	1
trans-1,3-Dichloropropene	0.0011	U	0.0011	0.00028	mg/Kg	☼	10/12/25 12:30	10/13/25 17:11	1
Trichloroethene	0.0011	U	0.0011	0.00034	mg/Kg	☼	10/12/25 12:30	10/13/25 17:11	1
Trichlorofluoromethane	0.0011	U	0.0011	0.00043	mg/Kg	☼	10/12/25 12:30	10/13/25 17:11	1
Vinyl chloride	0.0011	U	0.0011	0.00058	mg/Kg	☼	10/12/25 12:30	10/13/25 17:11	1
Xylenes, Total	0.0021	U	0.0021	0.00018	mg/Kg	☼	10/12/25 12:30	10/13/25 17:11	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,2-Dichloroethane-d4 (Surr)	*90*		*65 - 138*	*10/12/25 12:30*	*10/13/25 17:11*	*1*
4-Bromofluorobenzene	*103*		*71 - 128*	*10/12/25 12:30*	*10/13/25 17:11*	*1*
Dibromofluoromethane (Surr)	*102*		*50 - 150*	*10/12/25 12:30*	*10/13/25 17:11*	*1*
Toluene-d8 (Surr)	*110*		*71 - 126*	*10/12/25 12:30*	*10/13/25 17:11*	*1*

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Percent Moisture (EPA Moisture)	**3.7**		1.0	1.0	%			10/12/25 17:50	1
Percent Solids (EPA Moisture)	**96.3**		1.0	1.0	%			10/12/25 17:50	1

Client Sample ID: 3A3_12-13

Lab Sample ID: 460-336881-22

Date Collected: 10/09/25 11:30
Matrix: Solid
Date Received: 10/09/25 16:58
Percent Solids: 93.9

Method: SW846 8260D - Volatile Organic Compounds by GC/MS

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1-Trichloroethane	0.0016	U	0.0016	0.00036	mg/Kg	☼	10/12/25 12:31	10/13/25 17:35	1
1,1,2,2-Tetrachloroethane	0.0016	U	0.0016	0.00082	mg/Kg	☼	10/12/25 12:31	10/13/25 17:35	1
1,1,2-Trichloro-1,2,2-trifluoroethane	0.0016	U	0.0016	0.00047	mg/Kg	☼	10/12/25 12:31	10/13/25 17:35	1
1,1,2-Trichloroethane	0.0016	U	0.0016	0.00094	mg/Kg	☼	10/12/25 12:31	10/13/25 17:35	1
1,1-Dichloroethane	0.0016	U	0.0016	0.00093	mg/Kg	☼	10/12/25 12:31	10/13/25 17:35	1
1,1-Dichloroethene	0.0016	U	0.0016	0.00035	mg/Kg	☼	10/12/25 12:31	10/13/25 17:35	1
1,2,3-Trichlorobenzene	0.0016	U	0.0016	0.0012	mg/Kg	☼	10/12/25 12:31	10/13/25 17:35	1
1,2,4-Trichlorobenzene	0.0016	U	0.0016	0.00056	mg/Kg	☼	10/12/25 12:31	10/13/25 17:35	1
1,2,4-Trimethylbenzene	0.0016	U	0.0016	0.00038	mg/Kg	☼	10/12/25 12:31	10/13/25 17:35	1
1,2-Dibromo-3-Chloropropane	0.0016	U	0.0016	0.00072	mg/Kg	☼	10/12/25 12:31	10/13/25 17:35	1
1,2-Dichlorobenzene	0.0016	U	0.0016	0.00056	mg/Kg	☼	10/12/25 12:31	10/13/25 17:35	1
1,2-Dichloroethane	0.0016	U	0.0016	0.00046	mg/Kg	☼	10/12/25 12:31	10/13/25 17:35	1
1,2-Dichloropropane	0.0016	U	0.0016	0.00066	mg/Kg	☼	10/12/25 12:31	10/13/25 17:35	1
1,3,5-Trimethylbenzene	0.0016	U	0.0016	0.00049	mg/Kg	☼	10/12/25 12:31	10/13/25 17:35	1
1,3-Dichlorobenzene	0.0016	U	0.0016	0.00057	mg/Kg	☼	10/12/25 12:31	10/13/25 17:35	1
1,4-Dichlorobenzene	0.0016	U	0.0016	0.00081	mg/Kg	☼	10/12/25 12:31	10/13/25 17:35	1
2-Butanone (MEK)	0.0078	U	0.0078	0.00058	mg/Kg	☼	10/12/25 12:31	10/13/25 17:35	1
2-Hexanone	0.0078	U	0.0078	0.0027	mg/Kg	☼	10/12/25 12:31	10/13/25 17:35	1
4-Methyl-2-pentanone (MIBK)	0.0078	U	0.0078	0.0024	mg/Kg	☼	10/12/25 12:31	10/13/25 17:35	1
Acetone	**0.20**		0.0094	0.0089	mg/Kg	☼	10/12/25 12:31	10/13/25 17:35	1
Benzene	0.0016	U	0.0016	0.00089	mg/Kg	☼	10/12/25 12:31	10/13/25 17:35	1
Bromoform	0.0016	U	0.0016	0.00066	mg/Kg	☼	10/12/25 12:31	10/13/25 17:35	1
Bromomethane	0.0031	U	0.0031	0.0016	mg/Kg	☼	10/12/25 12:31	10/13/25 17:35	1

Client Sample ID: 3A3_12-13
Date Collected: 10/09/25 11:30
Date Received: 10/09/25 16:58

Lab Sample ID: 460-336881-22
Matrix: Solid
Percent Solids: 93.9

Method: SW846 8260D - Volatile Organic Compounds by GC/MS (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Carbon disulfide	0.0016	U	0.0016	0.00042	mg/Kg	☼	10/12/25 12:31	10/13/25 17:35	1
Carbon tetrachloride	0.0016	U	0.0016	0.00061	mg/Kg	☼	10/12/25 12:31	10/13/25 17:35	1
Chlorobenzene	0.0016	U	0.0016	0.00079	mg/Kg	☼	10/12/25 12:31	10/13/25 17:35	1
Chlorobromomethane	0.0016	U	0.0016	0.00093	mg/Kg	☼	10/12/25 12:31	10/13/25 17:35	1
Chlorodibromomethane	0.0016	U	0.0016	0.00084	mg/Kg	☼	10/12/25 12:31	10/13/25 17:35	1
Chloroethane	0.0016	U	0.0016	0.00082	mg/Kg	☼	10/12/25 12:31	10/13/25 17:35	1
Chloroform	0.0016	U	0.0016	0.0015	mg/Kg	☼	10/12/25 12:31	10/13/25 17:35	1
Chloromethane	0.0016	U	0.0016	0.00068	mg/Kg	☼	10/12/25 12:31	10/13/25 17:35	1
cis-1,2-Dichloroethene	0.0016	U	0.0016	0.00056	mg/Kg	☼	10/12/25 12:31	10/13/25 17:35	1
cis-1,3-Dichloropropene	0.0016	U	0.0016	0.00043	mg/Kg	☼	10/12/25 12:31	10/13/25 17:35	1
Cyclohexane	0.0016	U	0.0016	0.00035	mg/Kg	☼	10/12/25 12:31	10/13/25 17:35	1
Dichlorobromomethane	0.0016	U	0.0016	0.00040	mg/Kg	☼	10/12/25 12:31	10/13/25 17:35	1
Dichlorodifluoromethane	0.0016	U	0.0016	0.00053	mg/Kg	☼	10/12/25 12:31	10/13/25 17:35	1
Ethylbenzene	0.0016	U	0.0016	0.00073	mg/Kg	☼	10/12/25 12:31	10/13/25 17:35	1
Ethylene Dibromide	0.0016	U	0.0016	0.00079	mg/Kg	☼	10/12/25 12:31	10/13/25 17:35	1
Isopropylbenzene	0.0016	U	0.0016	0.00045	mg/Kg	☼	10/12/25 12:31	10/13/25 17:35	1
Methyl acetate	0.0078	U	0.0078	0.0067	mg/Kg	☼	10/12/25 12:31	10/13/25 17:35	1
Methyl tert-butyl ether	0.0016	U	0.0016	0.00080	mg/Kg	☼	10/12/25 12:31	10/13/25 17:35	1
Methylcyclohexane	0.0016	U	0.0016	0.00078	mg/Kg	☼	10/12/25 12:31	10/13/25 17:35	1
Methylene Chloride	0.0031	U	0.0031	0.0018	mg/Kg	☼	10/12/25 12:31	10/13/25 17:35	1
m-Xylene & p-Xylene	0.0016	U	0.0016	0.00066	mg/Kg	☼	10/12/25 12:31	10/13/25 17:35	1
n-Butylbenzene	0.0016	U	0.0016	0.00046	mg/Kg	☼	10/12/25 12:31	10/13/25 17:35	1
N-Propylbenzene	0.0016	U	0.0016	0.00070	mg/Kg	☼	10/12/25 12:31	10/13/25 17:35	1
o-Xylene	0.0016	U	0.0016	0.00072	mg/Kg	☼	10/12/25 12:31	10/13/25 17:35	1
sec-Butylbenzene	0.0016	U	0.0016	0.00045	mg/Kg	☼	10/12/25 12:31	10/13/25 17:35	1
Styrene	0.0016	U	0.0016	0.00043	mg/Kg	☼	10/12/25 12:31	10/13/25 17:35	1
tert-Butylbenzene	0.0016	U	0.0016	0.00043	mg/Kg	☼	10/12/25 12:31	10/13/25 17:35	1
Tetrachloroethene	0.0016	U	0.0016	0.00048	mg/Kg	☼	10/12/25 12:31	10/13/25 17:35	1
Toluene	0.0016	U	0.0016	0.00037	mg/Kg	☼	10/12/25 12:31	10/13/25 17:35	1
trans-1,2-Dichloroethene	0.0016	U	0.0016	0.00038	mg/Kg	☼	10/12/25 12:31	10/13/25 17:35	1
trans-1,3-Dichloropropene	0.0016	U	0.0016	0.00042	mg/Kg	☼	10/12/25 12:31	10/13/25 17:35	1
Trichloroethene	0.0016	U	0.0016	0.00050	mg/Kg	☼	10/12/25 12:31	10/13/25 17:35	1
Trichlorofluoromethane	0.0016	U	0.0016	0.00064	mg/Kg	☼	10/12/25 12:31	10/13/25 17:35	1
Vinyl chloride	0.0016	U	0.0016	0.00085	mg/Kg	☼	10/12/25 12:31	10/13/25 17:35	1
Xylenes, Total	0.0031	U	0.0031	0.00027	mg/Kg	☼	10/12/25 12:31	10/13/25 17:35	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,2-Dichloroethane-d4 (Surr)	*87*		*65 - 138*	*10/12/25 12:31*	*10/13/25 17:35*	*1*
4-Bromofluorobenzene	*94*		*71 - 128*	*10/12/25 12:31*	*10/13/25 17:35*	*1*
Dibromofluoromethane (Surr)	*99*		*50 - 150*	*10/12/25 12:31*	*10/13/25 17:35*	*1*
Toluene-d8 (Surr)	*98*		*71 - 126*	*10/12/25 12:31*	*10/13/25 17:35*	*1*

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Percent Moisture (EPA Moisture)	6.1		1.0	1.0	%			10/12/25 17:50	1
Percent Solids (EPA Moisture)	93.9		1.0	1.0	%			10/12/25 17:50	1

Client: Haley & Aldrich, Inc.
Project/Site: Former Port Mobil

Job ID: 460-336881-1

Client Sample ID: 3A2_4-5
Date Collected: 10/09/25 11:02
Date Received: 10/09/25 16:58

Lab Sample ID: 460-336881-23
Matrix: Solid
Percent Solids: 94.3

Method: SW846 8260D - Volatile Organic Compounds by GC/MS

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1-Trichloroethane	0.0011	U	0.0011	0.00026	mg/Kg	☼	10/12/25 12:31	10/13/25 17:59	1
1,1,2,2-Tetrachloroethane	0.0011	U	0.0011	0.00059	mg/Kg	☼	10/12/25 12:31	10/13/25 17:59	1
1,1,2-Trichloro-1,2,2-trifluoroethane	0.0011	U	0.0011	0.00034	mg/Kg	☼	10/12/25 12:31	10/13/25 17:59	1
1,1,2-Trichloroethane	0.0011	U	0.0011	0.00068	mg/Kg	☼	10/12/25 12:31	10/13/25 17:59	1
1,1-Dichloroethane	0.0011	U	0.0011	0.00067	mg/Kg	☼	10/12/25 12:31	10/13/25 17:59	1
1,1-Dichloroethene	0.0011	U	0.0011	0.00025	mg/Kg	☼	10/12/25 12:31	10/13/25 17:59	1
1,2,3-Trichlorobenzene	0.0011	U	0.0011	0.00083	mg/Kg	☼	10/12/25 12:31	10/13/25 17:59	1
1,2,4-Trichlorobenzene	0.0011	U	0.0011	0.00040	mg/Kg	☼	10/12/25 12:31	10/13/25 17:59	1
1,2,4-Trimethylbenzene	0.0011	U	0.0011	0.00028	mg/Kg	☼	10/12/25 12:31	10/13/25 17:59	1
1,2-Dibromo-3-Chloropropane	0.0011	U	0.0011	0.00052	mg/Kg	☼	10/12/25 12:31	10/13/25 17:59	1
1,2-Dichlorobenzene	0.0011	U	0.0011	0.00041	mg/Kg	☼	10/12/25 12:31	10/13/25 17:59	1
1,2-Dichloroethane	0.0011	U	0.0011	0.00033	mg/Kg	☼	10/12/25 12:31	10/13/25 17:59	1
1,2-Dichloropropane	0.0011	U	0.0011	0.00048	mg/Kg	☼	10/12/25 12:31	10/13/25 17:59	1
1,3,5-Trimethylbenzene	0.0011	U	0.0011	0.00035	mg/Kg	☼	10/12/25 12:31	10/13/25 17:59	1
1,3-Dichlorobenzene	0.0011	U	0.0011	0.00041	mg/Kg	☼	10/12/25 12:31	10/13/25 17:59	1
1,4-Dichlorobenzene	0.0011	U	0.0011	0.00059	mg/Kg	☼	10/12/25 12:31	10/13/25 17:59	1
2-Butanone (MEK)	0.0056	U	0.0056	0.00042	mg/Kg	☼	10/12/25 12:31	10/13/25 17:59	1
2-Hexanone	0.0056	U	0.0056	0.0019	mg/Kg	☼	10/12/25 12:31	10/13/25 17:59	1
4-Methyl-2-pentanone (MIBK)	0.0056	U	0.0056	0.0018	mg/Kg	☼	10/12/25 12:31	10/13/25 17:59	1
Acetone	0.0068	U	0.0068	0.0065	mg/Kg	☼	10/12/25 12:31	10/13/25 17:59	1
Benzene	0.0011	U	0.0011	0.00064	mg/Kg	☼	10/12/25 12:31	10/13/25 17:59	1
Bromoform	0.0011	U	0.0011	0.00048	mg/Kg	☼	10/12/25 12:31	10/13/25 17:59	1
Bromomethane	0.0023	U	0.0023	0.0011	mg/Kg	☼	10/12/25 12:31	10/13/25 17:59	1
Carbon disulfide	0.0011	U	0.0011	0.00030	mg/Kg	☼	10/12/25 12:31	10/13/25 17:59	1
Carbon tetrachloride	0.0011	U	0.0011	0.00044	mg/Kg	☼	10/12/25 12:31	10/13/25 17:59	1
Chlorobenzene	0.0011	U	0.0011	0.00057	mg/Kg	☼	10/12/25 12:31	10/13/25 17:59	1
Chlorobromomethane	0.0011	U	0.0011	0.00067	mg/Kg	☼	10/12/25 12:31	10/13/25 17:59	1
Chlorodibromomethane	0.0011	U	0.0011	0.00061	mg/Kg	☼	10/12/25 12:31	10/13/25 17:59	1
Chloroethane	0.0011	U	0.0011	0.00059	mg/Kg	☼	10/12/25 12:31	10/13/25 17:59	1
Chloroform	0.0011	U	0.0011	0.0011	mg/Kg	☼	10/12/25 12:31	10/13/25 17:59	1
Chloromethane	0.0011	U	0.0011	0.00049	mg/Kg	☼	10/12/25 12:31	10/13/25 17:59	1
cis-1,2-Dichloroethene	0.0011	U	0.0011	0.00040	mg/Kg	☼	10/12/25 12:31	10/13/25 17:59	1
cis-1,3-Dichloropropene	0.0011	U	0.0011	0.00031	mg/Kg	☼	10/12/25 12:31	10/13/25 17:59	1
Cyclohexane	0.0011	U	0.0011	0.00025	mg/Kg	☼	10/12/25 12:31	10/13/25 17:59	1
Dichlorobromomethane	0.0011	U	0.0011	0.00029	mg/Kg	☼	10/12/25 12:31	10/13/25 17:59	1
Dichlorodifluoromethane	0.0011	U	0.0011	0.00038	mg/Kg	☼	10/12/25 12:31	10/13/25 17:59	1
Ethylbenzene	0.0011	U	0.0011	0.00053	mg/Kg	☼	10/12/25 12:31	10/13/25 17:59	1
Ethylene Dibromide	0.0011	U	0.0011	0.00057	mg/Kg	☼	10/12/25 12:31	10/13/25 17:59	1
Isopropylbenzene	0.0011	U	0.0011	0.00032	mg/Kg	☼	10/12/25 12:31	10/13/25 17:59	1
Methyl acetate	0.0056	U	0.0056	0.0049	mg/Kg	☼	10/12/25 12:31	10/13/25 17:59	1
Methyl tert-butyl ether	0.0011	U	0.0011	0.00058	mg/Kg	☼	10/12/25 12:31	10/13/25 17:59	1
Methylcyclohexane	0.0011	U	0.0011	0.00056	mg/Kg	☼	10/12/25 12:31	10/13/25 17:59	1
Methylene Chloride	0.0023	U	0.0023	0.0013	mg/Kg	☼	10/12/25 12:31	10/13/25 17:59	1
m-Xylene & p-Xylene	0.0011	U	0.0011	0.00048	mg/Kg	☼	10/12/25 12:31	10/13/25 17:59	1
n-Butylbenzene	0.0011	U	0.0011	0.00033	mg/Kg	☼	10/12/25 12:31	10/13/25 17:59	1
N-Propylbenzene	0.0011	U	0.0011	0.00051	mg/Kg	☼	10/12/25 12:31	10/13/25 17:59	1
o-Xylene	0.0011	U	0.0011	0.00052	mg/Kg	☼	10/12/25 12:31	10/13/25 17:59	1
sec-Butylbenzene	0.0011	U	0.0011	0.00033	mg/Kg	☼	10/12/25 12:31	10/13/25 17:59	1
Styrene	0.0011	U	0.0011	0.00031	mg/Kg	☼	10/12/25 12:31	10/13/25 17:59	1

Client Sample ID: 3A2_4-5

Date Collected: 10/09/25 11:02
Date Received: 10/09/25 16:58

Lab Sample ID: 460-336881-23

Matrix: Solid
Percent Solids: 94.3

Method: SW846 8260D - Volatile Organic Compounds by GC/MS (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
tert-Butylbenzene	0.0011	U	0.0011	0.00031	mg/Kg	☼	10/12/25 12:31	10/13/25 17:59	1
Tetrachloroethene	0.0011	U	0.0011	0.00034	mg/Kg	☼	10/12/25 12:31	10/13/25 17:59	1
Toluene	0.0011	U	0.0011	0.00026	mg/Kg	☼	10/12/25 12:31	10/13/25 17:59	1
trans-1,2-Dichloroethene	0.0011	U	0.0011	0.00028	mg/Kg	☼	10/12/25 12:31	10/13/25 17:59	1
trans-1,3-Dichloropropene	0.0011	U	0.0011	0.00030	mg/Kg	☼	10/12/25 12:31	10/13/25 17:59	1
Trichloroethene	0.0011	U	0.0011	0.00036	mg/Kg	☼	10/12/25 12:31	10/13/25 17:59	1
Trichlorofluoromethane	0.0011	U	0.0011	0.00046	mg/Kg	☼	10/12/25 12:31	10/13/25 17:59	1
Vinyl chloride	0.0011	U	0.0011	0.00062	mg/Kg	☼	10/12/25 12:31	10/13/25 17:59	1
Xylenes, Total	0.0023	U	0.0023	0.00020	mg/Kg	☼	10/12/25 12:31	10/13/25 17:59	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,2-Dichloroethane-d4 (Surr)	*87*		*65 - 138*	*10/12/25 12:31*	*10/13/25 17:59*	*1*
4-Bromofluorobenzene	*92*		*71 - 128*	*10/12/25 12:31*	*10/13/25 17:59*	*1*
Dibromofluoromethane (Surr)	*99*		*50 - 150*	*10/12/25 12:31*	*10/13/25 17:59*	*1*
Toluene-d8 (Surr)	*99*		*71 - 126*	*10/12/25 12:31*	*10/13/25 17:59*	*1*

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Percent Moisture (EPA Moisture)	**5.7**		1.0	1.0	%			10/12/25 17:50	1
Percent Solids (EPA Moisture)	**94.3**		1.0	1.0	%			10/12/25 17:50	1

Client Sample ID: 3F1_3-4

Date Collected: 10/09/25 11:35
Date Received: 10/09/25 16:58

Lab Sample ID: 460-336881-24

Matrix: Solid
Percent Solids: 92.4

Method: SW846 8260D - Volatile Organic Compounds by GC/MS

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1-Trichloroethane	0.0012	U	0.0012	0.00027	mg/Kg	☼	10/12/25 12:31	10/13/25 18:23	1
1,1,2,2-Tetrachloroethane	0.0012	U	0.0012	0.00061	mg/Kg	☼	10/12/25 12:31	10/13/25 18:23	1
1,1,2-Trichloro-1,2,2-trifluoroethane	0.0012	U	0.0012	0.00035	mg/Kg	☼	10/12/25 12:31	10/13/25 18:23	1
1,1,2-Trichloroethane	0.0012	U	0.0012	0.00070	mg/Kg	☼	10/12/25 12:31	10/13/25 18:23	1
1,1-Dichloroethane	0.0012	U	0.0012	0.00070	mg/Kg	☼	10/12/25 12:31	10/13/25 18:23	1
1,1-Dichloroethene	0.0012	U	0.0012	0.00026	mg/Kg	☼	10/12/25 12:31	10/13/25 18:23	1
1,2,3-Trichlorobenzene	0.0012	U	0.0012	0.00086	mg/Kg	☼	10/12/25 12:31	10/13/25 18:23	1
1,2,4-Trichlorobenzene	0.0012	U	0.0012	0.00042	mg/Kg	☼	10/12/25 12:31	10/13/25 18:23	1
1,2,4-Trimethylbenzene	0.0012	U	0.0012	0.00029	mg/Kg	☼	10/12/25 12:31	10/13/25 18:23	1
1,2-Dibromo-3-Chloropropane	0.0012	U	0.0012	0.00054	mg/Kg	☼	10/12/25 12:31	10/13/25 18:23	1
1,2-Dichlorobenzene	0.0012	U	0.0012	0.00042	mg/Kg	☼	10/12/25 12:31	10/13/25 18:23	1
1,2-Dichloroethane	0.0012	U	0.0012	0.00035	mg/Kg	☼	10/12/25 12:31	10/13/25 18:23	1
1,2-Dichloropropane	0.0012	U	0.0012	0.00050	mg/Kg	☼	10/12/25 12:31	10/13/25 18:23	1
1,3,5-Trimethylbenzene	0.0012	U	0.0012	0.00037	mg/Kg	☼	10/12/25 12:31	10/13/25 18:23	1
1,3-Dichlorobenzene	0.0012	U	0.0012	0.00043	mg/Kg	☼	10/12/25 12:31	10/13/25 18:23	1
1,4-Dichlorobenzene	0.0012	U	0.0012	0.00061	mg/Kg	☼	10/12/25 12:31	10/13/25 18:23	1
2-Butanone (MEK)	0.0059	U	0.0059	0.00043	mg/Kg	☼	10/12/25 12:31	10/13/25 18:23	1
2-Hexanone	0.0059	U	0.0059	0.0020	mg/Kg	☼	10/12/25 12:31	10/13/25 18:23	1
4-Methyl-2-pentanone (MIBK)	0.0059	U	0.0059	0.0018	mg/Kg	☼	10/12/25 12:31	10/13/25 18:23	1
Acetone	**0.027**		0.0070	0.0067	mg/Kg	☼	10/12/25 12:31	10/13/25 18:23	1
Benzene	0.0012	U	0.0012	0.00066	mg/Kg	☼	10/12/25 12:31	10/13/25 18:23	1
Bromoform	0.0012	U	0.0012	0.00050	mg/Kg	☼	10/12/25 12:31	10/13/25 18:23	1
Bromomethane	0.0023	U	0.0023	0.0012	mg/Kg	☼	10/12/25 12:31	10/13/25 18:23	1

Client Sample ID: 3F1_3-4
Date Collected: 10/09/25 11:35
Date Received: 10/09/25 16:58

Lab Sample ID: 460-336881-24
Matrix: Solid
Percent Solids: 92.4

Method: SW846 8260D - Volatile Organic Compounds by GC/MS (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Carbon disulfide	0.0012	U	0.0012	0.00031	mg/Kg	☼	10/12/25 12:31	10/13/25 18:23	1
Carbon tetrachloride	0.0012	U	0.0012	0.00045	mg/Kg	☼	10/12/25 12:31	10/13/25 18:23	1
Chlorobenzene	0.0012	U	0.0012	0.00059	mg/Kg	☼	10/12/25 12:31	10/13/25 18:23	1
Chlorobromomethane	0.0012	U	0.0012	0.00070	mg/Kg	☼	10/12/25 12:31	10/13/25 18:23	1
Chlorodibromomethane	0.0012	U	0.0012	0.00063	mg/Kg	☼	10/12/25 12:31	10/13/25 18:23	1
Chloroethane	0.0012	U	0.0012	0.00061	mg/Kg	☼	10/12/25 12:31	10/13/25 18:23	1
Chloroform	0.0012	U	0.0012	0.0011	mg/Kg	☼	10/12/25 12:31	10/13/25 18:23	1
Chloromethane	0.0012	U	0.0012	0.00051	mg/Kg	☼	10/12/25 12:31	10/13/25 18:23	1
cis-1,2-Dichloroethene	0.0012	U	0.0012	0.00042	mg/Kg	☼	10/12/25 12:31	10/13/25 18:23	1
cis-1,3-Dichloropropene	0.0012	U	0.0012	0.00032	mg/Kg	☼	10/12/25 12:31	10/13/25 18:23	1
Cyclohexane	0.0012	U	0.0012	0.00026	mg/Kg	☼	10/12/25 12:31	10/13/25 18:23	1
Dichlorobromomethane	0.0012	U	0.0012	0.00030	mg/Kg	☼	10/12/25 12:31	10/13/25 18:23	1
Dichlorodifluoromethane	0.0012	U	0.0012	0.00040	mg/Kg	☼	10/12/25 12:31	10/13/25 18:23	1
Ethylbenzene	0.0012	U	0.0012	0.00055	mg/Kg	☼	10/12/25 12:31	10/13/25 18:23	1
Ethylene Dibromide	0.0012	U	0.0012	0.00059	mg/Kg	☼	10/12/25 12:31	10/13/25 18:23	1
Isopropylbenzene	0.0012	U	0.0012	0.00033	mg/Kg	☼	10/12/25 12:31	10/13/25 18:23	1
Methyl acetate	0.0059	U	0.0059	0.0050	mg/Kg	☼	10/12/25 12:31	10/13/25 18:23	1
Methyl tert-butyl ether	0.0012	U	0.0012	0.00060	mg/Kg	☼	10/12/25 12:31	10/13/25 18:23	1
Methylcyclohexane	0.0012	U	0.0012	0.00058	mg/Kg	☼	10/12/25 12:31	10/13/25 18:23	1
Methylene Chloride	0.0023	U	0.0023	0.0013	mg/Kg	☼	10/12/25 12:31	10/13/25 18:23	1
m-Xylene & p-Xylene	0.0012	U	0.0012	0.00050	mg/Kg	☼	10/12/25 12:31	10/13/25 18:23	1
n-Butylbenzene	0.0012	U	0.0012	0.00034	mg/Kg	☼	10/12/25 12:31	10/13/25 18:23	1
N-Propylbenzene	0.0012	U	0.0012	0.00053	mg/Kg	☼	10/12/25 12:31	10/13/25 18:23	1
o-Xylene	0.0012	U	0.0012	0.00054	mg/Kg	☼	10/12/25 12:31	10/13/25 18:23	1
sec-Butylbenzene	0.0012	U	0.0012	0.00034	mg/Kg	☼	10/12/25 12:31	10/13/25 18:23	1
Styrene	0.0012	U	0.0012	0.00033	mg/Kg	☼	10/12/25 12:31	10/13/25 18:23	1
tert-Butylbenzene	0.0012	U	0.0012	0.00032	mg/Kg	☼	10/12/25 12:31	10/13/25 18:23	1
Tetrachloroethene	0.0012	U	0.0012	0.00036	mg/Kg	☼	10/12/25 12:31	10/13/25 18:23	1
Toluene	0.0012	U	0.0012	0.00027	mg/Kg	☼	10/12/25 12:31	10/13/25 18:23	1
trans-1,2-Dichloroethene	0.0012	U	0.0012	0.00029	mg/Kg	☼	10/12/25 12:31	10/13/25 18:23	1
trans-1,3-Dichloropropene	0.0012	U	0.0012	0.00031	mg/Kg	☼	10/12/25 12:31	10/13/25 18:23	1
Trichloroethene	0.0012	U	0.0012	0.00038	mg/Kg	☼	10/12/25 12:31	10/13/25 18:23	1
Trichlorofluoromethane	0.0012	U	0.0012	0.00048	mg/Kg	☼	10/12/25 12:31	10/13/25 18:23	1
Vinyl chloride	0.0012	U	0.0012	0.00064	mg/Kg	☼	10/12/25 12:31	10/13/25 18:23	1
Xylenes, Total	0.0023	U	0.0023	0.00020	mg/Kg	☼	10/12/25 12:31	10/13/25 18:23	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,2-Dichloroethane-d4 (Surr)	*86*		*65 - 138*	*10/12/25 12:31*	*10/13/25 18:23*	*1*
4-Bromofluorobenzene	*92*		*71 - 128*	*10/12/25 12:31*	*10/13/25 18:23*	*1*
Dibromofluoromethane (Surr)	*99*		*50 - 150*	*10/12/25 12:31*	*10/13/25 18:23*	*1*
Toluene-d8 (Surr)	*100*		*71 - 126*	*10/12/25 12:31*	*10/13/25 18:23*	*1*

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Percent Moisture (EPA Moisture)	**7.6**		1.0	1.0	%			10/12/25 17:50	1
Percent Solids (EPA Moisture)	**92.4**		1.0	1.0	%			10/12/25 17:50	1

Client: Haley & Aldrich, Inc.
Project/Site: Former Port Mobil

Job ID: 460-336881-1

Client Sample ID: 3F2_1-2
Date Collected: 10/09/25 11:40
Date Received: 10/09/25 16:58

Lab Sample ID: 460-336881-25
Matrix: Solid
Percent Solids: 91.1

Method: SW846 8260D - Volatile Organic Compounds by GC/MS

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1-Trichloroethane	0.00089	U	0.00089	0.00021	mg/Kg	☼	10/12/25 12:31	10/13/25 18:47	1
1,1,2,2-Tetrachloroethane	0.00089	U	0.00089	0.00046	mg/Kg	☼	10/12/25 12:31	10/13/25 18:47	1
1,1,2-Trichloro-1,2,2-trifluoroethane	0.00089	U	0.00089	0.00027	mg/Kg	☼	10/12/25 12:31	10/13/25 18:47	1
1,1,2-Trichloroethane	0.00089	U	0.00089	0.00054	mg/Kg	☼	10/12/25 12:31	10/13/25 18:47	1
1,1-Dichloroethane	0.00089	U	0.00089	0.00053	mg/Kg	☼	10/12/25 12:31	10/13/25 18:47	1
1,1-Dichloroethene	0.00089	U	0.00089	0.00020	mg/Kg	☼	10/12/25 12:31	10/13/25 18:47	1
1,2,3-Trichlorobenzene	0.00089	U	0.00089	0.00066	mg/Kg	☼	10/12/25 12:31	10/13/25 18:47	1
1,2,4-Trichlorobenzene	0.00089	U	0.00089	0.00032	mg/Kg	☼	10/12/25 12:31	10/13/25 18:47	1
1,2,4-Trimethylbenzene	0.00089	U	0.00089	0.00022	mg/Kg	☼	10/12/25 12:31	10/13/25 18:47	1
1,2-Dibromo-3-Chloropropane	0.00089	U	0.00089	0.00041	mg/Kg	☼	10/12/25 12:31	10/13/25 18:47	1
1,2-Dichlorobenzene	0.00089	U	0.00089	0.00032	mg/Kg	☼	10/12/25 12:31	10/13/25 18:47	1
1,2-Dichloroethane	0.00089	U	0.00089	0.00026	mg/Kg	☼	10/12/25 12:31	10/13/25 18:47	1
1,2-Dichloropropane	0.00089	U	0.00089	0.00038	mg/Kg	☼	10/12/25 12:31	10/13/25 18:47	1
1,3,5-Trimethylbenzene	0.00089	U	0.00089	0.00028	mg/Kg	☼	10/12/25 12:31	10/13/25 18:47	1
1,3-Dichlorobenzene	0.00089	U	0.00089	0.00033	mg/Kg	☼	10/12/25 12:31	10/13/25 18:47	1
1,4-Dichlorobenzene	0.00089	U	0.00089	0.00046	mg/Kg	☼	10/12/25 12:31	10/13/25 18:47	1
2-Butanone (MEK)	0.0045	U	0.0045	0.00033	mg/Kg	☼	10/12/25 12:31	10/13/25 18:47	1
2-Hexanone	0.0045	U	0.0045	0.0015	mg/Kg	☼	10/12/25 12:31	10/13/25 18:47	1
4-Methyl-2-pentanone (MIBK)	0.0045	U	0.0045	0.0014	mg/Kg	☼	10/12/25 12:31	10/13/25 18:47	1
Acetone	**0.14**		0.0053	0.0051	mg/Kg	☼	10/12/25 12:31	10/13/25 18:47	1
Benzene	0.00089	U	0.00089	0.00051	mg/Kg	☼	10/12/25 12:31	10/13/25 18:47	1
Bromoform	0.00089	U	0.00089	0.00038	mg/Kg	☼	10/12/25 12:31	10/13/25 18:47	1
Bromomethane	0.0018	U	0.0018	0.00089	mg/Kg	☼	10/12/25 12:31	10/13/25 18:47	1
Carbon disulfide	0.00089	U	0.00089	0.00024	mg/Kg	☼	10/12/25 12:31	10/13/25 18:47	1
Carbon tetrachloride	0.00089	U	0.00089	0.00034	mg/Kg	☼	10/12/25 12:31	10/13/25 18:47	1
Chlorobenzene	0.00089	U	0.00089	0.00045	mg/Kg	☼	10/12/25 12:31	10/13/25 18:47	1
Chlorobromomethane	0.00089	U	0.00089	0.00053	mg/Kg	☼	10/12/25 12:31	10/13/25 18:47	1
Chlorodibromomethane	0.00089	U	0.00089	0.00048	mg/Kg	☼	10/12/25 12:31	10/13/25 18:47	1
Chloroethane	0.00089	U	0.00089	0.00046	mg/Kg	☼	10/12/25 12:31	10/13/25 18:47	1
Chloroform	0.00089	U	0.00089	0.00086	mg/Kg	☼	10/12/25 12:31	10/13/25 18:47	1
Chloromethane	0.00089	U	0.00089	0.00039	mg/Kg	☼	10/12/25 12:31	10/13/25 18:47	1
cis-1,2-Dichloroethene	0.00089	U	0.00089	0.00032	mg/Kg	☼	10/12/25 12:31	10/13/25 18:47	1
cis-1,3-Dichloropropene	0.00089	U	0.00089	0.00024	mg/Kg	☼	10/12/25 12:31	10/13/25 18:47	1
Cyclohexane	0.00089	U	0.00089	0.00020	mg/Kg	☼	10/12/25 12:31	10/13/25 18:47	1
Dichlorobromomethane	0.00089	U	0.00089	0.00023	mg/Kg	☼	10/12/25 12:31	10/13/25 18:47	1
Dichlorodifluoromethane	0.00089	U	0.00089	0.00030	mg/Kg	☼	10/12/25 12:31	10/13/25 18:47	1
Ethylbenzene	0.00089	U	0.00089	0.00042	mg/Kg	☼	10/12/25 12:31	10/13/25 18:47	1
Ethylene Dibromide	0.00089	U	0.00089	0.00045	mg/Kg	☼	10/12/25 12:31	10/13/25 18:47	1
Isopropylbenzene	0.00089	U	0.00089	0.00025	mg/Kg	☼	10/12/25 12:31	10/13/25 18:47	1
Methyl acetate	0.0045	U	0.0045	0.0038	mg/Kg	☼	10/12/25 12:31	10/13/25 18:47	1
Methyl tert-butyl ether	0.00089	U	0.00089	0.00046	mg/Kg	☼	10/12/25 12:31	10/13/25 18:47	1
Methylcyclohexane	0.00089	U	0.00089	0.00044	mg/Kg	☼	10/12/25 12:31	10/13/25 18:47	1
Methylene Chloride	**0.0014**	**J**	0.0018	0.0010	mg/Kg	☼	10/12/25 12:31	10/13/25 18:47	1
m-Xylene & p-Xylene	0.00089	U	0.00089	0.00038	mg/Kg	☼	10/12/25 12:31	10/13/25 18:47	1
n-Butylbenzene	0.00089	U	0.00089	0.00026	mg/Kg	☼	10/12/25 12:31	10/13/25 18:47	1
N-Propylbenzene	0.00089	U	0.00089	0.00040	mg/Kg	☼	10/12/25 12:31	10/13/25 18:47	1
o-Xylene	0.00089	U	0.00089	0.00041	mg/Kg	☼	10/12/25 12:31	10/13/25 18:47	1
sec-Butylbenzene	0.00089	U	0.00089	0.00026	mg/Kg	☼	10/12/25 12:31	10/13/25 18:47	1
Styrene	0.00089	U	0.00089	0.00025	mg/Kg	☼	10/12/25 12:31	10/13/25 18:47	1

Client Sample ID: 3F2_1-2

Lab Sample ID: 460-336881-25

Date Collected: 10/09/25 11:40

Matrix: Solid

Date Received: 10/09/25 16:58

Percent Solids: 91.1

Method: SW846 8260D - Volatile Organic Compounds by GC/MS (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
tert-Butylbenzene	0.00089	U	0.00089	0.00025	mg/Kg	☼	10/12/25 12:31	10/13/25 18:47	1
Tetrachloroethene	0.00089	U	0.00089	0.00027	mg/Kg	☼	10/12/25 12:31	10/13/25 18:47	1
Toluene	**0.00038**	**J**	0.00089	0.00021	mg/Kg	☼	10/12/25 12:31	10/13/25 18:47	1
trans-1,2-Dichloroethene	0.00089	U	0.00089	0.00022	mg/Kg	☼	10/12/25 12:31	10/13/25 18:47	1
trans-1,3-Dichloropropene	0.00089	U	0.00089	0.00024	mg/Kg	☼	10/12/25 12:31	10/13/25 18:47	1
Trichloroethene	0.00089	U	0.00089	0.00029	mg/Kg	☼	10/12/25 12:31	10/13/25 18:47	1
Trichlorofluoromethane	0.00089	U	0.00089	0.00036	mg/Kg	☼	10/12/25 12:31	10/13/25 18:47	1
Vinyl chloride	0.00089	U	0.00089	0.00049	mg/Kg	☼	10/12/25 12:31	10/13/25 18:47	1
Xylenes, Total	0.0018	U	0.0018	0.00015	mg/Kg	☼	10/12/25 12:31	10/13/25 18:47	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,2-Dichloroethane-d4 (Surr)	*84*		*65 - 138*	*10/12/25 12:31*	*10/13/25 18:47*	*1*
4-Bromofluorobenzene	*93*		*71 - 128*	*10/12/25 12:31*	*10/13/25 18:47*	*1*
Dibromofluoromethane (Surr)	*98*		*50 - 150*	*10/12/25 12:31*	*10/13/25 18:47*	*1*
Toluene-d8 (Surr)	*99*		*71 - 126*	*10/12/25 12:31*	*10/13/25 18:47*	*1*

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Percent Moisture (EPA Moisture)	**8.9**		1.0	1.0	%			10/12/25 17:50	1
Percent Solids (EPA Moisture)	**91.1**		1.0	1.0	%			10/12/25 17:50	1

Client Sample ID: 3F3_6-7

Lab Sample ID: 460-336881-26

Date Collected: 10/09/25 11:45

Matrix: Solid

Date Received: 10/09/25 16:58

Percent Solids: 92.0

Method: SW846 8260D - Volatile Organic Compounds by GC/MS

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1-Trichloroethane	0.0026	U	0.0026	0.00060	mg/Kg	☼	10/12/25 12:31	10/13/25 19:11	1
1,1,2,2-Tetrachloroethane	0.0026	U	0.0026	0.0013	mg/Kg	☼	10/12/25 12:31	10/13/25 19:11	1
1,1,2-Trichloro-1,2,2-trifluoroethane	0.0026	U	0.0026	0.00077	mg/Kg	☼	10/12/25 12:31	10/13/25 19:11	1
1,1,2-Trichloroethane	0.0026	U	0.0026	0.0015	mg/Kg	☼	10/12/25 12:31	10/13/25 19:11	1
1,1-Dichloroethane	0.0026	U	0.0026	0.0015	mg/Kg	☼	10/12/25 12:31	10/13/25 19:11	1
1,1-Dichloroethene	0.0026	U	0.0026	0.00058	mg/Kg	☼	10/12/25 12:31	10/13/25 19:11	1
1,2,3-Trichlorobenzene	0.0026	U	0.0026	0.0019	mg/Kg	☼	10/12/25 12:31	10/13/25 19:11	1
1,2,4-Trichlorobenzene	0.0026	U	0.0026	0.00092	mg/Kg	☼	10/12/25 12:31	10/13/25 19:11	1
1,2,4-Trimethylbenzene	0.0026	U	0.0026	0.00063	mg/Kg	☼	10/12/25 12:31	10/13/25 19:11	1
1,2-Dibromo-3-Chloropropane	0.0026	U	0.0026	0.0012	mg/Kg	☼	10/12/25 12:31	10/13/25 19:11	1
1,2-Dichlorobenzene	0.0026	U	0.0026	0.00092	mg/Kg	☼	10/12/25 12:31	10/13/25 19:11	1
1,2-Dichloroethane	0.0026	U	0.0026	0.00076	mg/Kg	☼	10/12/25 12:31	10/13/25 19:11	1
1,2-Dichloropropane	0.0026	U	0.0026	0.0011	mg/Kg	☼	10/12/25 12:31	10/13/25 19:11	1
1,3,5-Trimethylbenzene	0.0026	U	0.0026	0.00080	mg/Kg	☼	10/12/25 12:31	10/13/25 19:11	1
1,3-Dichlorobenzene	0.0026	U	0.0026	0.00093	mg/Kg	☼	10/12/25 12:31	10/13/25 19:11	1
1,4-Dichlorobenzene	0.0026	U	0.0026	0.0013	mg/Kg	☼	10/12/25 12:31	10/13/25 19:11	1
2-Butanone (MEK)	0.013	U	0.013	0.00094	mg/Kg	☼	10/12/25 12:31	10/13/25 19:11	1
2-Hexanone	0.013	U	0.013	0.0044	mg/Kg	☼	10/12/25 12:31	10/13/25 19:11	1
4-Methyl-2-pentanone (MIBK)	0.013	U	0.013	0.0040	mg/Kg	☼	10/12/25 12:31	10/13/25 19:11	1
Acetone	0.015	U	0.015	0.015	mg/Kg	☼	10/12/25 12:31	10/13/25 19:11	1
Benzene	0.0026	U	0.0026	0.0015	mg/Kg	☼	10/12/25 12:31	10/13/25 19:11	1
Bromoform	0.0026	U	0.0026	0.0011	mg/Kg	☼	10/12/25 12:31	10/13/25 19:11	1
Bromomethane	0.0051	U	0.0051	0.0026	mg/Kg	☼	10/12/25 12:31	10/13/25 19:11	1

Client Sample ID: 3F3_6-7
Date Collected: 10/09/25 11:45
Date Received: 10/09/25 16:58

Lab Sample ID: 460-336881-26
Matrix: Solid
Percent Solids: 92.0

Method: SW846 8260D - Volatile Organic Compounds by GC/MS (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Carbon disulfide	0.0026	U	0.0026	0.00068	mg/Kg	☼	10/12/25 12:31	10/13/25 19:11	1
Carbon tetrachloride	0.0026	U	0.0026	0.00099	mg/Kg	☼	10/12/25 12:31	10/13/25 19:11	1
Chlorobenzene	0.0026	U	0.0026	0.0013	mg/Kg	☼	10/12/25 12:31	10/13/25 19:11	1
Chlorobromomethane	0.0026	U	0.0026	0.0015	mg/Kg	☼	10/12/25 12:31	10/13/25 19:11	1
Chlorodibromomethane	0.0026	U	0.0026	0.0014	mg/Kg	☼	10/12/25 12:31	10/13/25 19:11	1
Chloroethane	0.0026	U	0.0026	0.0013	mg/Kg	☼	10/12/25 12:31	10/13/25 19:11	1
Chloroform	0.0026	U	0.0026	0.0025	mg/Kg	☼	10/12/25 12:31	10/13/25 19:11	1
Chloromethane	0.0026	U	0.0026	0.0011	mg/Kg	☼	10/12/25 12:31	10/13/25 19:11	1
cis-1,2-Dichloroethene	0.0026	U	0.0026	0.00092	mg/Kg	☼	10/12/25 12:31	10/13/25 19:11	1
cis-1,3-Dichloropropene	0.0026	U	0.0026	0.00070	mg/Kg	☼	10/12/25 12:31	10/13/25 19:11	1
Cyclohexane	0.0026	U	0.0026	0.00057	mg/Kg	☼	10/12/25 12:31	10/13/25 19:11	1
Dichlorobromomethane	0.0026	U	0.0026	0.00066	mg/Kg	☼	10/12/25 12:31	10/13/25 19:11	1
Dichlorodifluoromethane	0.0026	U	0.0026	0.00087	mg/Kg	☼	10/12/25 12:31	10/13/25 19:11	1
Ethylbenzene	0.0026	U	0.0026	0.0012	mg/Kg	☼	10/12/25 12:31	10/13/25 19:11	1
Ethylene Dibromide	0.0026	U	0.0026	0.0013	mg/Kg	☼	10/12/25 12:31	10/13/25 19:11	1
Isopropylbenzene	0.0026	U	0.0026	0.00073	mg/Kg	☼	10/12/25 12:31	10/13/25 19:11	1
Methyl acetate	0.013	U	0.013	0.011	mg/Kg	☼	10/12/25 12:31	10/13/25 19:11	1
Methyl tert-butyl ether	0.0026	U	0.0026	0.0013	mg/Kg	☼	10/12/25 12:31	10/13/25 19:11	1
Methylcyclohexane	0.0026	U	0.0026	0.0013	mg/Kg	☼	10/12/25 12:31	10/13/25 19:11	1
Methylene Chloride	0.0051	U	0.0051	0.0029	mg/Kg	☼	10/12/25 12:31	10/13/25 19:11	1
m-Xylene & p-Xylene	0.0026	U	0.0026	0.0011	mg/Kg	☼	10/12/25 12:31	10/13/25 19:11	1
n-Butylbenzene	0.0026	U	0.0026	0.00075	mg/Kg	☼	10/12/25 12:31	10/13/25 19:11	1
N-Propylbenzene	0.0026	U	0.0026	0.0011	mg/Kg	☼	10/12/25 12:31	10/13/25 19:11	1
o-Xylene	0.0026	U	0.0026	0.0012	mg/Kg	☼	10/12/25 12:31	10/13/25 19:11	1
sec-Butylbenzene	0.0026	U	0.0026	0.00074	mg/Kg	☼	10/12/25 12:31	10/13/25 19:11	1
Styrene	0.0026	U	0.0026	0.00071	mg/Kg	☼	10/12/25 12:31	10/13/25 19:11	1
tert-Butylbenzene	0.0026	U	0.0026	0.00071	mg/Kg	☼	10/12/25 12:31	10/13/25 19:11	1
Tetrachloroethene	0.0026	U	0.0026	0.00078	mg/Kg	☼	10/12/25 12:31	10/13/25 19:11	1
Toluene	0.0026	U	0.0026	0.00060	mg/Kg	☼	10/12/25 12:31	10/13/25 19:11	1
trans-1,2-Dichloroethene	0.0026	U	0.0026	0.00063	mg/Kg	☼	10/12/25 12:31	10/13/25 19:11	1
trans-1,3-Dichloropropene	0.0026	U	0.0026	0.00068	mg/Kg	☼	10/12/25 12:31	10/13/25 19:11	1
Trichloroethene	0.0026	U	0.0026	0.00082	mg/Kg	☼	10/12/25 12:31	10/13/25 19:11	1
Trichlorofluoromethane	0.0026	U	0.0026	0.0010	mg/Kg	☼	10/12/25 12:31	10/13/25 19:11	1
Vinyl chloride	0.0026	U	0.0026	0.0014	mg/Kg	☼	10/12/25 12:31	10/13/25 19:11	1
Xylenes, Total	0.0051	U	0.0051	0.00045	mg/Kg	☼	10/12/25 12:31	10/13/25 19:11	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,2-Dichloroethane-d4 (Surr)	*85*		*65 - 138*	*10/12/25 12:31*	*10/13/25 19:11*	*1*
4-Bromofluorobenzene	*98*		*71 - 128*	*10/12/25 12:31*	*10/13/25 19:11*	*1*
Dibromofluoromethane (Surr)	*99*		*50 - 150*	*10/12/25 12:31*	*10/13/25 19:11*	*1*
Toluene-d8 (Surr)	*100*		*71 - 126*	*10/12/25 12:31*	*10/13/25 19:11*	*1*

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Percent Moisture (EPA Moisture)	**8.0**		1.0	1.0	%			10/12/25 17:50	1
Percent Solids (EPA Moisture)	**92.0**		1.0	1.0	%			10/12/25 17:50	1

Client: Haley & Aldrich, Inc.
Project/Site: Former Port Mobil

Job ID: 460-336881-1

Client Sample ID: 3F1_5-6
Date Collected: 10/09/25 11:50
Date Received: 10/09/25 16:58

Lab Sample ID: 460-336881-27
Matrix: Solid
Percent Solids: 94.6

Method: SW846 8260D - Volatile Organic Compounds by GC/MS

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1-Trichloroethane	0.00095	U	0.00095	0.00022	mg/Kg	☼	10/12/25 12:32	10/13/25 19:36	1
1,1,2,2-Tetrachloroethane	0.00095	U	0.00095	0.00050	mg/Kg	☼	10/12/25 12:32	10/13/25 19:36	1
1,1,2-Trichloro-1,2,2-trifluoroethane	0.00095	U	0.00095	0.00029	mg/Kg	☼	10/12/25 12:32	10/13/25 19:36	1
1,1,2-Trichloroethane	0.00095	U	0.00095	0.00057	mg/Kg	☼	10/12/25 12:32	10/13/25 19:36	1
1,1-Dichloroethane	0.00095	U	0.00095	0.00057	mg/Kg	☼	10/12/25 12:32	10/13/25 19:36	1
1,1-Dichloroethene	0.00095	U	0.00095	0.00021	mg/Kg	☼	10/12/25 12:32	10/13/25 19:36	1
1,2,3-Trichlorobenzene	0.00095	U	0.00095	0.00070	mg/Kg	☼	10/12/25 12:32	10/13/25 19:36	1
1,2,4-Trichlorobenzene	0.00095	U	0.00095	0.00034	mg/Kg	☼	10/12/25 12:32	10/13/25 19:36	1
1,2,4-Trimethylbenzene	0.00095	U	0.00095	0.00023	mg/Kg	☼	10/12/25 12:32	10/13/25 19:36	1
1,2-Dibromo-3-Chloropropane	0.00095	U	0.00095	0.00044	mg/Kg	☼	10/12/25 12:32	10/13/25 19:36	1
1,2-Dichlorobenzene	0.00095	U	0.00095	0.00034	mg/Kg	☼	10/12/25 12:32	10/13/25 19:36	1
1,2-Dichloroethane	0.00095	U	0.00095	0.00028	mg/Kg	☼	10/12/25 12:32	10/13/25 19:36	1
1,2-Dichloropropane	0.00095	U	0.00095	0.00040	mg/Kg	☼	10/12/25 12:32	10/13/25 19:36	1
1,3,5-Trimethylbenzene	0.00095	U	0.00095	0.00030	mg/Kg	☼	10/12/25 12:32	10/13/25 19:36	1
1,3-Dichlorobenzene	0.00095	U	0.00095	0.00035	mg/Kg	☼	10/12/25 12:32	10/13/25 19:36	1
1,4-Dichlorobenzene	0.00095	U	0.00095	0.00049	mg/Kg	☼	10/12/25 12:32	10/13/25 19:36	1
2-Butanone (MEK)	0.0048	U	0.0048	0.00035	mg/Kg	☼	10/12/25 12:32	10/13/25 19:36	1
2-Hexanone	0.0048	U	0.0048	0.0016	mg/Kg	☼	10/12/25 12:32	10/13/25 19:36	1
4-Methyl-2-pentanone (MIBK)	0.0048	U	0.0048	0.0015	mg/Kg	☼	10/12/25 12:32	10/13/25 19:36	1
Acetone	**0.12**		0.0057	0.0054	mg/Kg	☼	10/12/25 12:32	10/13/25 19:36	1
Benzene	0.00095	U	0.00095	0.00054	mg/Kg	☼	10/12/25 12:32	10/13/25 19:36	1
Bromoform	0.00095	U	0.00095	0.00040	mg/Kg	☼	10/12/25 12:32	10/13/25 19:36	1
Bromomethane	0.0019	U	0.0019	0.00095	mg/Kg	☼	10/12/25 12:32	10/13/25 19:36	1
Carbon disulfide	0.00095	U	0.00095	0.00025	mg/Kg	☼	10/12/25 12:32	10/13/25 19:36	1
Carbon tetrachloride	0.00095	U	0.00095	0.00037	mg/Kg	☼	10/12/25 12:32	10/13/25 19:36	1
Chlorobenzene	0.00095	U	0.00095	0.00048	mg/Kg	☼	10/12/25 12:32	10/13/25 19:36	1
Chlorobromomethane	0.00095	U	0.00095	0.00057	mg/Kg	☼	10/12/25 12:32	10/13/25 19:36	1
Chlorodibromomethane	0.00095	U	0.00095	0.00051	mg/Kg	☼	10/12/25 12:32	10/13/25 19:36	1
Chloroethane	0.00095	U	0.00095	0.00050	mg/Kg	☼	10/12/25 12:32	10/13/25 19:36	1
Chloroform	0.00095	U	0.00095	0.00092	mg/Kg	☼	10/12/25 12:32	10/13/25 19:36	1
Chloromethane	0.00095	U	0.00095	0.00041	mg/Kg	☼	10/12/25 12:32	10/13/25 19:36	1
cis-1,2-Dichloroethene	0.00095	U	0.00095	0.00034	mg/Kg	☼	10/12/25 12:32	10/13/25 19:36	1
cis-1,3-Dichloropropene	0.00095	U	0.00095	0.00026	mg/Kg	☼	10/12/25 12:32	10/13/25 19:36	1
Cyclohexane	0.00095	U	0.00095	0.00021	mg/Kg	☼	10/12/25 12:32	10/13/25 19:36	1
Dichlorobromomethane	0.00095	U	0.00095	0.00024	mg/Kg	☼	10/12/25 12:32	10/13/25 19:36	1
Dichlorodifluoromethane	0.00095	U	0.00095	0.00032	mg/Kg	☼	10/12/25 12:32	10/13/25 19:36	1
Ethylbenzene	0.00095	U	0.00095	0.00045	mg/Kg	☼	10/12/25 12:32	10/13/25 19:36	1
Ethylene Dibromide	0.00095	U	0.00095	0.00048	mg/Kg	☼	10/12/25 12:32	10/13/25 19:36	1
Isopropylbenzene	0.00095	U	0.00095	0.00027	mg/Kg	☼	10/12/25 12:32	10/13/25 19:36	1
Methyl acetate	0.0048	U	0.0048	0.0041	mg/Kg	☼	10/12/25 12:32	10/13/25 19:36	1
Methyl tert-butyl ether	0.00095	U	0.00095	0.00049	mg/Kg	☼	10/12/25 12:32	10/13/25 19:36	1
Methylcyclohexane	0.00095	U	0.00095	0.00048	mg/Kg	☼	10/12/25 12:32	10/13/25 19:36	1
Methylene Chloride	0.0019	U	0.0019	0.0011	mg/Kg	☼	10/12/25 12:32	10/13/25 19:36	1
m-Xylene & p-Xylene	0.00095	U	0.00095	0.00040	mg/Kg	☼	10/12/25 12:32	10/13/25 19:36	1
n-Butylbenzene	0.00095	U	0.00095	0.00028	mg/Kg	☼	10/12/25 12:32	10/13/25 19:36	1
N-Propylbenzene	0.00095	U	0.00095	0.00043	mg/Kg	☼	10/12/25 12:32	10/13/25 19:36	1
o-Xylene	0.00095	U	0.00095	0.00044	mg/Kg	☼	10/12/25 12:32	10/13/25 19:36	1
sec-Butylbenzene	0.00095	U	0.00095	0.00027	mg/Kg	☼	10/12/25 12:32	10/13/25 19:36	1
Styrene	0.00095	U	0.00095	0.00026	mg/Kg	☼	10/12/25 12:32	10/13/25 19:36	1

Client Sample ID: 3F1_5-6

Date Collected: 10/09/25 11:50
Date Received: 10/09/25 16:58

Lab Sample ID: 460-336881-27

Matrix: Solid
Percent Solids: 94.6

Method: SW846 8260D - Volatile Organic Compounds by GC/MS (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
tert-Butylbenzene	0.00095	U	0.00095	0.00026	mg/Kg	☼	10/12/25 12:32	10/13/25 19:36	1
Tetrachloroethene	0.00095	U	0.00095	0.00029	mg/Kg	☼	10/12/25 12:32	10/13/25 19:36	1
Toluene	0.00095	U	0.00095	0.00022	mg/Kg	☼	10/12/25 12:32	10/13/25 19:36	1
trans-1,2-Dichloroethene	0.00095	U	0.00095	0.00023	mg/Kg	☼	10/12/25 12:32	10/13/25 19:36	1
trans-1,3-Dichloropropene	0.00095	U	0.00095	0.00025	mg/Kg	☼	10/12/25 12:32	10/13/25 19:36	1
Trichloroethene	0.00095	U	0.00095	0.00031	mg/Kg	☼	10/12/25 12:32	10/13/25 19:36	1
Trichlorofluoromethane	0.00095	U	0.00095	0.00039	mg/Kg	☼	10/12/25 12:32	10/13/25 19:36	1
Vinyl chloride	0.00095	U	0.00095	0.00052	mg/Kg	☼	10/12/25 12:32	10/13/25 19:36	1
Xylenes, Total	0.0019	U	0.0019	0.00017	mg/Kg	☼	10/12/25 12:32	10/13/25 19:36	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,2-Dichloroethane-d4 (Surr)	*86*		*65 - 138*	*10/12/25 12:32*	*10/13/25 19:36*	*1*
4-Bromofluorobenzene	*99*		*71 - 128*	*10/12/25 12:32*	*10/13/25 19:36*	*1*
Dibromofluoromethane (Surr)	*99*		*50 - 150*	*10/12/25 12:32*	*10/13/25 19:36*	*1*
Toluene-d8 (Surr)	*101*		*71 - 126*	*10/12/25 12:32*	*10/13/25 19:36*	*1*

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Percent Moisture (EPA Moisture)	**5.4**		1.0	1.0	%			10/12/25 17:50	1
Percent Solids (EPA Moisture)	**94.6**		1.0	1.0	%			10/12/25 17:50	1

Client Sample ID: 3F2_11-12

Date Collected: 10/09/25 11:55
Date Received: 10/09/25 16:58

Lab Sample ID: 460-336881-28

Matrix: Solid
Percent Solids: 91.4

Method: SW846 8260D - Volatile Organic Compounds by GC/MS

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1-Trichloroethane	0.00093	U	0.00093	0.00022	mg/Kg	☼	10/12/25 12:32	10/13/25 20:20	1
1,1,2,2-Tetrachloroethane	0.00093	U	0.00093	0.00048	mg/Kg	☼	10/12/25 12:32	10/13/25 20:20	1
1,1,2-Trichloro-1,2,2-trifluoroethane	0.00093	U	0.00093	0.00028	mg/Kg	☼	10/12/25 12:32	10/13/25 20:20	1
1,1,2-Trichloroethane	0.00093	U	0.00093	0.00056	mg/Kg	☼	10/12/25 12:32	10/13/25 20:20	1
1,1-Dichloroethane	0.00093	U	0.00093	0.00055	mg/Kg	☼	10/12/25 12:32	10/13/25 20:20	1
1,1-Dichloroethene	0.00093	U	0.00093	0.00021	mg/Kg	☼	10/12/25 12:32	10/13/25 20:20	1
1,2,3-Trichlorobenzene	0.00093	U	0.00093	0.00069	mg/Kg	☼	10/12/25 12:32	10/13/25 20:20	1
1,2,4-Trichlorobenzene	0.00093	U	0.00093	0.00033	mg/Kg	☼	10/12/25 12:32	10/13/25 20:20	1
1,2,4-Trimethylbenzene	0.00093	U	0.00093	0.00023	mg/Kg	☼	10/12/25 12:32	10/13/25 20:20	1
1,2-Dibromo-3-Chloropropane	0.00093	U	0.00093	0.00043	mg/Kg	☼	10/12/25 12:32	10/13/25 20:20	1
1,2-Dichlorobenzene	0.00093	U	0.00093	0.00034	mg/Kg	☼	10/12/25 12:32	10/13/25 20:20	1
1,2-Dichloroethane	0.00093	U	0.00093	0.00027	mg/Kg	☼	10/12/25 12:32	10/13/25 20:20	1
1,2-Dichloropropane	0.00093	U	0.00093	0.00039	mg/Kg	☼	10/12/25 12:32	10/13/25 20:20	1
1,3,5-Trimethylbenzene	0.00093	U	0.00093	0.00029	mg/Kg	☼	10/12/25 12:32	10/13/25 20:20	1
1,3-Dichlorobenzene	0.00093	U	0.00093	0.00034	mg/Kg	☼	10/12/25 12:32	10/13/25 20:20	1
1,4-Dichlorobenzene	0.00093	U	0.00093	0.00048	mg/Kg	☼	10/12/25 12:32	10/13/25 20:20	1
2-Butanone (MEK)	0.0046	U	0.0046	0.00034	mg/Kg	☼	10/12/25 12:32	10/13/25 20:20	1
2-Hexanone	0.0046	U	0.0046	0.0016	mg/Kg	☼	10/12/25 12:32	10/13/25 20:20	1
4-Methyl-2-pentanone (MIBK)	0.0046	U	0.0046	0.0014	mg/Kg	☼	10/12/25 12:32	10/13/25 20:20	1
Acetone	**0.035**		0.0056	0.0053	mg/Kg	☼	10/12/25 12:32	10/13/25 20:20	1
Benzene	0.00093	U	0.00093	0.00053	mg/Kg	☼	10/12/25 12:32	10/13/25 20:20	1
Bromoform	0.00093	U	0.00093	0.00039	mg/Kg	☼	10/12/25 12:32	10/13/25 20:20	1
Bromomethane	0.0019	U	0.0019	0.00093	mg/Kg	☼	10/12/25 12:32	10/13/25 20:20	1

Client Sample ID: 3F2_11-12
Date Collected: 10/09/25 11:55
Date Received: 10/09/25 16:58

Lab Sample ID: 460-336881-28
Matrix: Solid
Percent Solids: 91.4

Method: SW846 8260D - Volatile Organic Compounds by GC/MS (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Carbon disulfide	0.00093	U	0.00093	0.00025	mg/Kg	☼	10/12/25 12:32	10/13/25 20:20	1
Carbon tetrachloride	0.00093	U	0.00093	0.00036	mg/Kg	☼	10/12/25 12:32	10/13/25 20:20	1
Chlorobenzene	0.00093	U	0.00093	0.00047	mg/Kg	☼	10/12/25 12:32	10/13/25 20:20	1
Chlorobromomethane	0.00093	U	0.00093	0.00055	mg/Kg	☼	10/12/25 12:32	10/13/25 20:20	1
Chlorodibromomethane	0.00093	U	0.00093	0.00050	mg/Kg	☼	10/12/25 12:32	10/13/25 20:20	1
Chloroethane	0.00093	U	0.00093	0.00048	mg/Kg	☼	10/12/25 12:32	10/13/25 20:20	1
Chloroform	0.00093	U	0.00093	0.00090	mg/Kg	☼	10/12/25 12:32	10/13/25 20:20	1
Chloromethane	0.00093	U	0.00093	0.00040	mg/Kg	☼	10/12/25 12:32	10/13/25 20:20	1
cis-1,2-Dichloroethene	0.00093	U	0.00093	0.00033	mg/Kg	☼	10/12/25 12:32	10/13/25 20:20	1
cis-1,3-Dichloropropene	0.00093	U	0.00093	0.00025	mg/Kg	☼	10/12/25 12:32	10/13/25 20:20	1
Cyclohexane	0.00093	U	0.00093	0.00021	mg/Kg	☼	10/12/25 12:32	10/13/25 20:20	1
Dichlorobromomethane	0.00093	U	0.00093	0.00024	mg/Kg	☼	10/12/25 12:32	10/13/25 20:20	1
Dichlorodifluoromethane	0.00093	U	0.00093	0.00031	mg/Kg	☼	10/12/25 12:32	10/13/25 20:20	1
Ethylbenzene	0.00093	U	0.00093	0.00043	mg/Kg	☼	10/12/25 12:32	10/13/25 20:20	1
Ethylene Dibromide	0.00093	U	0.00093	0.00047	mg/Kg	☼	10/12/25 12:32	10/13/25 20:20	1
Isopropylbenzene	0.00093	U	0.00093	0.00026	mg/Kg	☼	10/12/25 12:32	10/13/25 20:20	1
Methyl acetate	0.0046	U	0.0046	0.0040	mg/Kg	☼	10/12/25 12:32	10/13/25 20:20	1
Methyl tert-butyl ether	0.00093	U	0.00093	0.00048	mg/Kg	☼	10/12/25 12:32	10/13/25 20:20	1
Methylcyclohexane	0.00093	U	0.00093	0.00046	mg/Kg	☼	10/12/25 12:32	10/13/25 20:20	1
Methylene Chloride	0.0019	U	0.0019	0.0011	mg/Kg	☼	10/12/25 12:32	10/13/25 20:20	1
m-Xylene & p-Xylene	0.00093	U	0.00093	0.00039	mg/Kg	☼	10/12/25 12:32	10/13/25 20:20	1
n-Butylbenzene	0.00093	U	0.00093	0.00027	mg/Kg	☼	10/12/25 12:32	10/13/25 20:20	1
N-Propylbenzene	0.00093	U	0.00093	0.00042	mg/Kg	☼	10/12/25 12:32	10/13/25 20:20	1
o-Xylene	0.00093	U	0.00093	0.00043	mg/Kg	☼	10/12/25 12:32	10/13/25 20:20	1
sec-Butylbenzene	0.00093	U	0.00093	0.00027	mg/Kg	☼	10/12/25 12:32	10/13/25 20:20	1
Styrene	0.00093	U	0.00093	0.00026	mg/Kg	☼	10/12/25 12:32	10/13/25 20:20	1
tert-Butylbenzene	0.00093	U	0.00093	0.00026	mg/Kg	☼	10/12/25 12:32	10/13/25 20:20	1
Tetrachloroethene	0.00093	U	0.00093	0.00028	mg/Kg	☼	10/12/25 12:32	10/13/25 20:20	1
Toluene	0.00093	U	0.00093	0.00022	mg/Kg	☼	10/12/25 12:32	10/13/25 20:20	1
trans-1,2-Dichloroethene	0.00093	U	0.00093	0.00023	mg/Kg	☼	10/12/25 12:32	10/13/25 20:20	1
trans-1,3-Dichloropropene	0.00093	U	0.00093	0.00025	mg/Kg	☼	10/12/25 12:32	10/13/25 20:20	1
Trichloroethene	0.00093	U	0.00093	0.00030	mg/Kg	☼	10/12/25 12:32	10/13/25 20:20	1
Trichlorofluoromethane	0.00093	U	0.00093	0.00038	mg/Kg	☼	10/12/25 12:32	10/13/25 20:20	1
Vinyl chloride	0.00093	U	0.00093	0.00051	mg/Kg	☼	10/12/25 12:32	10/13/25 20:20	1
Xylenes, Total	0.0019	U	0.0019	0.00016	mg/Kg	☼	10/12/25 12:32	10/13/25 20:20	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,2-Dichloroethane-d4 (Surr)	*93*		*65 - 138*	*10/12/25 12:32*	*10/13/25 20:20*	*1*
4-Bromofluorobenzene	*94*		*71 - 128*	*10/12/25 12:32*	*10/13/25 20:20*	*1*
Dibromofluoromethane (Surr)	*104*		*50 - 150*	*10/12/25 12:32*	*10/13/25 20:20*	*1*
Toluene-d8 (Surr)	*97*		*71 - 126*	*10/12/25 12:32*	*10/13/25 20:20*	*1*

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Percent Moisture (EPA Moisture)	**8.6**		1.0	1.0	%			10/12/25 17:50	1
Percent Solids (EPA Moisture)	**91.4**		1.0	1.0	%			10/12/25 17:50	1

Client: Haley & Aldrich, Inc.
Project/Site: Former Port Mobil

Job ID: 460-336881-1

Client Sample ID: 3F3_7-8
Date Collected: 10/09/25 12:00
Date Received: 10/09/25 16:58

Lab Sample ID: 460-336881-29
Matrix: Solid
Percent Solids: 92.6

Method: SW846 8260D - Volatile Organic Compounds by GC/MS

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1-Trichloroethane	0.00086	U	0.00086	0.00020	mg/Kg	☼	10/12/25 12:32	10/14/25 11:19	1
1,1,2,2-Tetrachloroethane	0.00086	U	0.00086	0.00045	mg/Kg	☼	10/12/25 12:32	10/14/25 11:19	1
1,1,2-Trichloro-1,2,2-trifluoroethane	0.00086	U	0.00086	0.00026	mg/Kg	☼	10/12/25 12:32	10/14/25 11:19	1
1,1,2-Trichloroethane	0.00086	U	0.00086	0.00051	mg/Kg	☼	10/12/25 12:32	10/14/25 11:19	1
1,1-Dichloroethane	0.00086	U	0.00086	0.00051	mg/Kg	☼	10/12/25 12:32	10/14/25 11:19	1
1,1-Dichloroethene	0.00086	U	0.00086	0.00019	mg/Kg	☼	10/12/25 12:32	10/14/25 11:19	1
1,2,3-Trichlorobenzene	0.00086	U	0.00086	0.00063	mg/Kg	☼	10/12/25 12:32	10/14/25 11:19	1
1,2,4-Trichlorobenzene	0.00086	U	0.00086	0.00031	mg/Kg	☼	10/12/25 12:32	10/14/25 11:19	1
1,2,4-Trimethylbenzene	0.00086	U	0.00086	0.00021	mg/Kg	☼	10/12/25 12:32	10/14/25 11:19	1
1,2-Dibromo-3-Chloropropane	0.00086	U	0.00086	0.00039	mg/Kg	☼	10/12/25 12:32	10/14/25 11:19	1
1,2-Dichlorobenzene	0.00086	U	0.00086	0.00031	mg/Kg	☼	10/12/25 12:32	10/14/25 11:19	1
1,2-Dichloroethane	0.00086	U	0.00086	0.00025	mg/Kg	☼	10/12/25 12:32	10/14/25 11:19	1
1,2-Dichloropropane	0.00086	U	0.00086	0.00036	mg/Kg	☼	10/12/25 12:32	10/14/25 11:19	1
1,3,5-Trimethylbenzene	0.00086	U	0.00086	0.00027	mg/Kg	☼	10/12/25 12:32	10/14/25 11:19	1
1,3-Dichlorobenzene	0.00086	U	0.00086	0.00031	mg/Kg	☼	10/12/25 12:32	10/14/25 11:19	1
1,4-Dichlorobenzene	0.00086	U	0.00086	0.00044	mg/Kg	☼	10/12/25 12:32	10/14/25 11:19	1
2-Butanone (MEK)	0.0043	U	0.0043	0.00031	mg/Kg	☼	10/12/25 12:32	10/14/25 11:19	1
2-Hexanone	0.0043	U	0.0043	0.0015	mg/Kg	☼	10/12/25 12:32	10/14/25 11:19	1
4-Methyl-2-pentanone (MIBK)	0.0043	U	0.0043	0.0013	mg/Kg	☼	10/12/25 12:32	10/14/25 11:19	1
Acetone	**0.023**		0.0051	0.0049	mg/Kg	☼	10/12/25 12:32	10/14/25 11:19	1
Benzene	0.00086	U	0.00086	0.00049	mg/Kg	☼	10/12/25 12:32	10/14/25 11:19	1
Bromoform	0.00086	U	0.00086	0.00036	mg/Kg	☼	10/12/25 12:32	10/14/25 11:19	1
Bromomethane	0.0017	U	0.0017	0.00086	mg/Kg	☼	10/12/25 12:32	10/14/25 11:19	1
Carbon disulfide	0.00086	U	0.00086	0.00023	mg/Kg	☼	10/12/25 12:32	10/14/25 11:19	1
Carbon tetrachloride	0.00086	U	0.00086	0.00033	mg/Kg	☼	10/12/25 12:32	10/14/25 11:19	1
Chlorobenzene	0.00086	U	0.00086	0.00043	mg/Kg	☼	10/12/25 12:32	10/14/25 11:19	1
Chlorobromomethane	0.00086	U	0.00086	0.00051	mg/Kg	☼	10/12/25 12:32	10/14/25 11:19	1
Chlorodibromomethane	0.00086	U	0.00086	0.00046	mg/Kg	☼	10/12/25 12:32	10/14/25 11:19	1
Chloroethane	0.00086	U	0.00086	0.00045	mg/Kg	☼	10/12/25 12:32	10/14/25 11:19	1
Chloroform	0.00086	U	0.00086	0.00083	mg/Kg	☼	10/12/25 12:32	10/14/25 11:19	1
Chloromethane	0.00086	U	0.00086	0.00037	mg/Kg	☼	10/12/25 12:32	10/14/25 11:19	1
cis-1,2-Dichloroethene	0.00086	U	0.00086	0.00031	mg/Kg	☼	10/12/25 12:32	10/14/25 11:19	1
cis-1,3-Dichloropropene	0.00086	U	0.00086	0.00023	mg/Kg	☼	10/12/25 12:32	10/14/25 11:19	1
Cyclohexane	0.00086	U	0.00086	0.00019	mg/Kg	☼	10/12/25 12:32	10/14/25 11:19	1
Dichlorobromomethane	0.00086	U	0.00086	0.00022	mg/Kg	☼	10/12/25 12:32	10/14/25 11:19	1
Dichlorodifluoromethane	0.00086	U	0.00086	0.00029	mg/Kg	☼	10/12/25 12:32	10/14/25 11:19	1
Ethylbenzene	0.00086	U	0.00086	0.00040	mg/Kg	☼	10/12/25 12:32	10/14/25 11:19	1
Ethylene Dibromide	0.00086	U	0.00086	0.00043	mg/Kg	☼	10/12/25 12:32	10/14/25 11:19	1
Isopropylbenzene	0.00086	U	0.00086	0.00024	mg/Kg	☼	10/12/25 12:32	10/14/25 11:19	1
Methyl acetate	0.0043	U	0.0043	0.0037	mg/Kg	☼	10/12/25 12:32	10/14/25 11:19	1
Methyl tert-butyl ether	0.00086	U	0.00086	0.00044	mg/Kg	☼	10/12/25 12:32	10/14/25 11:19	1
Methylcyclohexane	0.00086	U	0.00086	0.00043	mg/Kg	☼	10/12/25 12:32	10/14/25 11:19	1
Methylene Chloride	0.0017	U	0.0017	0.00098	mg/Kg	☼	10/12/25 12:32	10/14/25 11:19	1
m-Xylene & p-Xylene	0.00086	U	0.00086	0.00036	mg/Kg	☼	10/12/25 12:32	10/14/25 11:19	1
n-Butylbenzene	0.00086	U	0.00086	0.00025	mg/Kg	☼	10/12/25 12:32	10/14/25 11:19	1
N-Propylbenzene	0.00086	U	0.00086	0.00038	mg/Kg	☼	10/12/25 12:32	10/14/25 11:19	1
o-Xylene	0.00086	U	0.00086	0.00039	mg/Kg	☼	10/12/25 12:32	10/14/25 11:19	1
sec-Butylbenzene	0.00086	U	0.00086	0.00025	mg/Kg	☼	10/12/25 12:32	10/14/25 11:19	1
Styrene	0.00086	U	0.00086	0.00024	mg/Kg	☼	10/12/25 12:32	10/14/25 11:19	1

Client Sample ID: 3F3_7-8

Lab Sample ID: 460-336881-29

Date Collected: 10/09/25 12:00
Matrix: Solid
Date Received: 10/09/25 16:58
Percent Solids: 92.6

Method: SW846 8260D - Volatile Organic Compounds by GC/MS (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
tert-Butylbenzene	0.00086	U	0.00086	0.00024	mg/Kg	☼	10/12/25 12:32	10/14/25 11:19	1
Tetrachloroethene	0.00086	U	0.00086	0.00026	mg/Kg	☼	10/12/25 12:32	10/14/25 11:19	1
Toluene	**0.00032**	**J**	0.00086	0.00020	mg/Kg	☼	10/12/25 12:32	10/14/25 11:19	1
trans-1,2-Dichloroethene	0.00086	U	0.00086	0.00021	mg/Kg	☼	10/12/25 12:32	10/14/25 11:19	1
trans-1,3-Dichloropropene	0.00086	U	0.00086	0.00023	mg/Kg	☼	10/12/25 12:32	10/14/25 11:19	1
Trichloroethene	0.00086	U	0.00086	0.00027	mg/Kg	☼	10/12/25 12:32	10/14/25 11:19	1
Trichlorofluoromethane	0.00086	U	0.00086	0.00035	mg/Kg	☼	10/12/25 12:32	10/14/25 11:19	1
Vinyl chloride	0.00086	U	0.00086	0.00047	mg/Kg	☼	10/12/25 12:32	10/14/25 11:19	1
Xylenes, Total	0.0017	U	0.0017	0.00015	mg/Kg	☼	10/12/25 12:32	10/14/25 11:19	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,2-Dichloroethane-d4 (Surr)	*86*		*65 - 138*	*10/12/25 12:32*	*10/14/25 11:19*	*1*
4-Bromofluorobenzene	*98*		*71 - 128*	*10/12/25 12:32*	*10/14/25 11:19*	*1*
Dibromofluoromethane (Surr)	*98*		*50 - 150*	*10/12/25 12:32*	*10/14/25 11:19*	*1*
Toluene-d8 (Surr)	*100*		*71 - 126*	*10/12/25 12:32*	*10/14/25 11:19*	*1*

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Percent Moisture (EPA Moisture)	**7.4**		1.0	1.0	%			10/12/25 17:50	1
Percent Solids (EPA Moisture)	**92.6**		1.0	1.0	%			10/12/25 17:50	1

Client Sample ID: 3F2_12-13

Lab Sample ID: 460-336881-30

Date Collected: 10/09/25 12:05
Matrix: Solid
Date Received: 10/09/25 16:58
Percent Solids: 91.3

Method: SW846 8260D - Volatile Organic Compounds by GC/MS

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1-Trichloroethane	0.00093	U	0.00093	0.00022	mg/Kg	☼	10/12/25 12:32	10/13/25 23:58	1
1,1,2,2-Tetrachloroethane	0.00093	U	0.00093	0.00048	mg/Kg	☼	10/12/25 12:32	10/13/25 23:58	1
1,1,2-Trichloro-1,2,2-trifluoroethane	0.00093	U	0.00093	0.00028	mg/Kg	☼	10/12/25 12:32	10/13/25 23:58	1
1,1,2-Trichloroethane	0.00093	U	0.00093	0.00056	mg/Kg	☼	10/12/25 12:32	10/13/25 23:58	1
1,1-Dichloroethane	0.00093	U	0.00093	0.00055	mg/Kg	☼	10/12/25 12:32	10/13/25 23:58	1
1,1-Dichloroethene	0.00093	U	0.00093	0.00021	mg/Kg	☼	10/12/25 12:32	10/13/25 23:58	1
1,2,3-Trichlorobenzene	0.00093	U	0.00093	0.00068	mg/Kg	☼	10/12/25 12:32	10/13/25 23:58	1
1,2,4-Trichlorobenzene	0.00093	U	0.00093	0.00033	mg/Kg	☼	10/12/25 12:32	10/13/25 23:58	1
1,2,4-Trimethylbenzene	0.00093	U	0.00093	0.00023	mg/Kg	☼	10/12/25 12:32	10/13/25 23:58	1
1,2-Dibromo-3-Chloropropane	0.00093	U	0.00093	0.00043	mg/Kg	☼	10/12/25 12:32	10/13/25 23:58	1
1,2-Dichlorobenzene	0.00093	U	0.00093	0.00033	mg/Kg	☼	10/12/25 12:32	10/13/25 23:58	1
1,2-Dichloroethane	0.00093	U	0.00093	0.00027	mg/Kg	☼	10/12/25 12:32	10/13/25 23:58	1
1,2-Dichloropropane	0.00093	U	0.00093	0.00039	mg/Kg	☼	10/12/25 12:32	10/13/25 23:58	1
1,3,5-Trimethylbenzene	0.00093	U	0.00093	0.00029	mg/Kg	☼	10/12/25 12:32	10/13/25 23:58	1
1,3-Dichlorobenzene	0.00093	U	0.00093	0.00034	mg/Kg	☼	10/12/25 12:32	10/13/25 23:58	1
1,4-Dichlorobenzene	0.00093	U	0.00093	0.00048	mg/Kg	☼	10/12/25 12:32	10/13/25 23:58	1
2-Butanone (MEK)	0.0046	U	0.0046	0.00034	mg/Kg	☼	10/12/25 12:32	10/13/25 23:58	1
2-Hexanone	0.0046	U	0.0046	0.0016	mg/Kg	☼	10/12/25 12:32	10/13/25 23:58	1
4-Methyl-2-pentanone (MIBK)	0.0046	U	0.0046	0.0014	mg/Kg	☼	10/12/25 12:32	10/13/25 23:58	1
Acetone	**0.025**		0.0056	0.0053	mg/Kg	☼	10/12/25 12:32	10/13/25 23:58	1
Benzene	0.00093	U	0.00093	0.00052	mg/Kg	☼	10/12/25 12:32	10/13/25 23:58	1
Bromoform	0.00093	U	0.00093	0.00039	mg/Kg	☼	10/12/25 12:32	10/13/25 23:58	1
Bromomethane	0.0019	U	0.0019	0.00093	mg/Kg	☼	10/12/25 12:32	10/13/25 23:58	1

Client Sample ID: 3F2_12-13
Date Collected: 10/09/25 12:05
Date Received: 10/09/25 16:58

Lab Sample ID: 460-336881-30
Matrix: Solid
Percent Solids: 91.3

Method: SW846 8260D - Volatile Organic Compounds by GC/MS (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Carbon disulfide	0.00093	U	0.00093	0.00025	mg/Kg	☼	10/12/25 12:32	10/13/25 23:58	1
Carbon tetrachloride	0.00093	U	0.00093	0.00036	mg/Kg	☼	10/12/25 12:32	10/13/25 23:58	1
Chlorobenzene	0.00093	U	0.00093	0.00047	mg/Kg	☼	10/12/25 12:32	10/13/25 23:58	1
Chlorobromomethane	0.00093	U	0.00093	0.00055	mg/Kg	☼	10/12/25 12:32	10/13/25 23:58	1
Chlorodibromomethane	0.00093	U	0.00093	0.00050	mg/Kg	☼	10/12/25 12:32	10/13/25 23:58	1
Chloroethane	0.00093	U	0.00093	0.00048	mg/Kg	☼	10/12/25 12:32	10/13/25 23:58	1
Chloroform	0.00093	U	0.00093	0.00090	mg/Kg	☼	10/12/25 12:32	10/13/25 23:58	1
Chloromethane	0.00093	U	0.00093	0.00040	mg/Kg	☼	10/12/25 12:32	10/13/25 23:58	1
cis-1,2-Dichloroethene	0.00093	U	0.00093	0.00033	mg/Kg	☼	10/12/25 12:32	10/13/25 23:58	1
cis-1,3-Dichloropropene	0.00093	U	0.00093	0.00025	mg/Kg	☼	10/12/25 12:32	10/13/25 23:58	1
Cyclohexane	0.00093	U	0.00093	0.00020	mg/Kg	☼	10/12/25 12:32	10/13/25 23:58	1
Dichlorobromomethane	0.00093	U	0.00093	0.00024	mg/Kg	☼	10/12/25 12:32	10/13/25 23:58	1
Dichlorodifluoromethane	0.00093	U	0.00093	0.00031	mg/Kg	☼	10/12/25 12:32	10/13/25 23:58	1
Ethylbenzene	0.00093	U	0.00093	0.00043	mg/Kg	☼	10/12/25 12:32	10/13/25 23:58	1
Ethylene Dibromide	0.00093	U	0.00093	0.00047	mg/Kg	☼	10/12/25 12:32	10/13/25 23:58	1
Isopropylbenzene	0.00093	U	0.00093	0.00026	mg/Kg	☼	10/12/25 12:32	10/13/25 23:58	1
Methyl acetate	0.0046	U	0.0046	0.0040	mg/Kg	☼	10/12/25 12:32	10/13/25 23:58	1
Methyl tert-butyl ether	0.00093	U	0.00093	0.00047	mg/Kg	☼	10/12/25 12:32	10/13/25 23:58	1
Methylcyclohexane	0.00093	U	0.00093	0.00046	mg/Kg	☼	10/12/25 12:32	10/13/25 23:58	1
Methylene Chloride	0.0019	U	0.0019	0.0011	mg/Kg	☼	10/12/25 12:32	10/13/25 23:58	1
m-Xylene & p-Xylene	0.00093	U	0.00093	0.00039	mg/Kg	☼	10/12/25 12:32	10/13/25 23:58	1
n-Butylbenzene	0.00093	U	0.00093	0.00027	mg/Kg	☼	10/12/25 12:32	10/13/25 23:58	1
N-Propylbenzene	0.00093	U	0.00093	0.00042	mg/Kg	☼	10/12/25 12:32	10/13/25 23:58	1
o-Xylene	0.00093	U	0.00093	0.00043	mg/Kg	☼	10/12/25 12:32	10/13/25 23:58	1
sec-Butylbenzene	0.00093	U	0.00093	0.00027	mg/Kg	☼	10/12/25 12:32	10/13/25 23:58	1
Styrene	0.00093	U	0.00093	0.00026	mg/Kg	☼	10/12/25 12:32	10/13/25 23:58	1
tert-Butylbenzene	0.00093	U	0.00093	0.00026	mg/Kg	☼	10/12/25 12:32	10/13/25 23:58	1
Tetrachloroethene	0.00093	U	0.00093	0.00028	mg/Kg	☼	10/12/25 12:32	10/13/25 23:58	1
Toluene	0.00093	U	0.00093	0.00022	mg/Kg	☼	10/12/25 12:32	10/13/25 23:58	1
trans-1,2-Dichloroethene	0.00093	U	0.00093	0.00023	mg/Kg	☼	10/12/25 12:32	10/13/25 23:58	1
trans-1,3-Dichloropropene	0.00093	U	0.00093	0.00025	mg/Kg	☼	10/12/25 12:32	10/13/25 23:58	1
Trichloroethene	0.00093	U	0.00093	0.00030	mg/Kg	☼	10/12/25 12:32	10/13/25 23:58	1
Trichlorofluoromethane	0.00093	U	0.00093	0.00038	mg/Kg	☼	10/12/25 12:32	10/13/25 23:58	1
Vinyl chloride	0.00093	U	0.00093	0.00051	mg/Kg	☼	10/12/25 12:32	10/13/25 23:58	1
Xylenes, Total	0.0019	U	0.0019	0.00016	mg/Kg	☼	10/12/25 12:32	10/13/25 23:58	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,2-Dichloroethane-d4 (Surr)	*85*		*65 - 138*	*10/12/25 12:32*	*10/13/25 23:58*	*1*
4-Bromofluorobenzene	*97*		*71 - 128*	*10/12/25 12:32*	*10/13/25 23:58*	*1*
Dibromofluoromethane (Surr)	*98*		*50 - 150*	*10/12/25 12:32*	*10/13/25 23:58*	*1*
Toluene-d8 (Surr)	*99*		*71 - 126*	*10/12/25 12:32*	*10/13/25 23:58*	*1*

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Percent Moisture (EPA Moisture)	**8.7**		1.0	1.0	%			10/12/25 17:50	1
Percent Solids (EPA Moisture)	**91.3**		1.0	1.0	%			10/12/25 17:50	1

Client: Haley & Aldrich, Inc.
Project/Site: Former Port Mobil

Job ID: 460-336881-1

Client Sample ID: 3E1_2-3
Date Collected: 10/09/25 12:10
Date Received: 10/09/25 16:58

Lab Sample ID: 460-336881-31
Matrix: Solid
Percent Solids: 94.8

Method: SW846 8260D - Volatile Organic Compounds by GC/MS

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1-Trichloroethane	0.00097	U	0.00097	0.00022	mg/Kg	☼	10/12/25 12:32	10/14/25 00:22	1
1,1,2,2-Tetrachloroethane	0.00097	U	0.00097	0.00050	mg/Kg	☼	10/12/25 12:32	10/14/25 00:22	1
1,1,2-Trichloro-1,2,2-trifluoroethane	0.00097	U	0.00097	0.00029	mg/Kg	☼	10/12/25 12:32	10/14/25 00:22	1
1,1,2-Trichloroethane	0.00097	U	0.00097	0.00058	mg/Kg	☼	10/12/25 12:32	10/14/25 00:22	1
1,1-Dichloroethane	0.00097	U	0.00097	0.00058	mg/Kg	☼	10/12/25 12:32	10/14/25 00:22	1
1,1-Dichloroethene	0.00097	U	0.00097	0.00022	mg/Kg	☼	10/12/25 12:32	10/14/25 00:22	1
1,2,3-Trichlorobenzene	0.00097	U	0.00097	0.00071	mg/Kg	☼	10/12/25 12:32	10/14/25 00:22	1
1,2,4-Trichlorobenzene	0.00097	U	0.00097	0.00035	mg/Kg	☼	10/12/25 12:32	10/14/25 00:22	1
1,2,4-Trimethylbenzene	0.00097	U	0.00097	0.00024	mg/Kg	☼	10/12/25 12:32	10/14/25 00:22	1
1,2-Dibromo-3-Chloropropane	0.00097	U	0.00097	0.00044	mg/Kg	☼	10/12/25 12:32	10/14/25 00:22	1
1,2-Dichlorobenzene	0.00097	U	0.00097	0.00035	mg/Kg	☼	10/12/25 12:32	10/14/25 00:22	1
1,2-Dichloroethane	0.00097	U	0.00097	0.00029	mg/Kg	☼	10/12/25 12:32	10/14/25 00:22	1
1,2-Dichloropropane	0.00097	U	0.00097	0.00041	mg/Kg	☼	10/12/25 12:32	10/14/25 00:22	1
1,3,5-Trimethylbenzene	0.00097	U	0.00097	0.00030	mg/Kg	☼	10/12/25 12:32	10/14/25 00:22	1
1,3-Dichlorobenzene	0.00097	U	0.00097	0.00035	mg/Kg	☼	10/12/25 12:32	10/14/25 00:22	1
1,4-Dichlorobenzene	0.00097	U	0.00097	0.00050	mg/Kg	☼	10/12/25 12:32	10/14/25 00:22	1
2-Butanone (MEK)	0.0048	U	0.0048	0.00036	mg/Kg	☼	10/12/25 12:32	10/14/25 00:22	1
2-Hexanone	0.0048	U	0.0048	0.0017	mg/Kg	☼	10/12/25 12:32	10/14/25 00:22	1
4-Methyl-2-pentanone (MIBK)	0.0048	U	0.0048	0.0015	mg/Kg	☼	10/12/25 12:32	10/14/25 00:22	1
Acetone	0.0058	U	0.0058	0.0055	mg/Kg	☼	10/12/25 12:32	10/14/25 00:22	1
Benzene	0.00097	U	0.00097	0.00055	mg/Kg	☼	10/12/25 12:32	10/14/25 00:22	1
Bromoform	0.00097	U	0.00097	0.00041	mg/Kg	☼	10/12/25 12:32	10/14/25 00:22	1
Bromomethane	0.0019	U	0.0019	0.00097	mg/Kg	☼	10/12/25 12:32	10/14/25 00:22	1
Carbon disulfide	0.00097	U	0.00097	0.00026	mg/Kg	☼	10/12/25 12:32	10/14/25 00:22	1
Carbon tetrachloride	0.00097	U	0.00097	0.00037	mg/Kg	☼	10/12/25 12:32	10/14/25 00:22	1
Chlorobenzene	0.00097	U	0.00097	0.00049	mg/Kg	☼	10/12/25 12:32	10/14/25 00:22	1
Chlorobromomethane	0.00097	U	0.00097	0.00058	mg/Kg	☼	10/12/25 12:32	10/14/25 00:22	1
Chlorodibromomethane	0.00097	U	0.00097	0.00052	mg/Kg	☼	10/12/25 12:32	10/14/25 00:22	1
Chloroethane	0.00097	U	0.00097	0.00050	mg/Kg	☼	10/12/25 12:32	10/14/25 00:22	1
Chloroform	0.00097	U	0.00097	0.00094	mg/Kg	☼	10/12/25 12:32	10/14/25 00:22	1
Chloromethane	0.00097	U	0.00097	0.00042	mg/Kg	☼	10/12/25 12:32	10/14/25 00:22	1
cis-1,2-Dichloroethene	0.00097	U	0.00097	0.00035	mg/Kg	☼	10/12/25 12:32	10/14/25 00:22	1
cis-1,3-Dichloropropene	0.00097	U	0.00097	0.00026	mg/Kg	☼	10/12/25 12:32	10/14/25 00:22	1
Cyclohexane	0.00097	U	0.00097	0.00021	mg/Kg	☼	10/12/25 12:32	10/14/25 00:22	1
Dichlorobromomethane	0.00097	U	0.00097	0.00025	mg/Kg	☼	10/12/25 12:32	10/14/25 00:22	1
Dichlorodifluoromethane	0.00097	U	0.00097	0.00033	mg/Kg	☼	10/12/25 12:32	10/14/25 00:22	1
Ethylbenzene	0.00097	U	0.00097	0.00045	mg/Kg	☼	10/12/25 12:32	10/14/25 00:22	1
Ethylene Dibromide	0.00097	U	0.00097	0.00049	mg/Kg	☼	10/12/25 12:32	10/14/25 00:22	1
Isopropylbenzene	0.00097	U	0.00097	0.00028	mg/Kg	☼	10/12/25 12:32	10/14/25 00:22	1
Methyl acetate	0.0048	U	0.0048	0.0042	mg/Kg	☼	10/12/25 12:32	10/14/25 00:22	1
Methyl tert-butyl ether	0.00097	U	0.00097	0.00049	mg/Kg	☼	10/12/25 12:32	10/14/25 00:22	1
Methylcyclohexane	0.00097	U	0.00097	0.00048	mg/Kg	☼	10/12/25 12:32	10/14/25 00:22	1
Methylene Chloride	0.0019	U	0.0019	0.0011	mg/Kg	☼	10/12/25 12:32	10/14/25 00:22	1
m-Xylene & p-Xylene	0.00097	U	0.00097	0.00041	mg/Kg	☼	10/12/25 12:32	10/14/25 00:22	1
n-Butylbenzene	0.00097	U	0.00097	0.00028	mg/Kg	☼	10/12/25 12:32	10/14/25 00:22	1
N-Propylbenzene	0.00097	U	0.00097	0.00043	mg/Kg	☼	10/12/25 12:32	10/14/25 00:22	1
o-Xylene	0.00097	U	0.00097	0.00044	mg/Kg	☼	10/12/25 12:32	10/14/25 00:22	1
sec-Butylbenzene	0.00097	U	0.00097	0.00028	mg/Kg	☼	10/12/25 12:32	10/14/25 00:22	1
Styrene	0.00097	U	0.00097	0.00027	mg/Kg	☼	10/12/25 12:32	10/14/25 00:22	1

Client Sample ID: 3E1_2-3

Lab Sample ID: 460-336881-31

Date Collected: 10/09/25 12:10
Matrix: Solid
Date Received: 10/09/25 16:58
Percent Solids: 94.8

Method: SW846 8260D - Volatile Organic Compounds by GC/MS (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
tert-Butylbenzene	0.00097	U	0.00097	0.00027	mg/Kg	☼	10/12/25 12:32	10/14/25 00:22	1
Tetrachloroethene	0.00097	U	0.00097	0.00029	mg/Kg	☼	10/12/25 12:32	10/14/25 00:22	1
Toluene	**0.00059**	**J**	0.00097	0.00023	mg/Kg	☼	10/12/25 12:32	10/14/25 00:22	1
trans-1,2-Dichloroethene	0.00097	U	0.00097	0.00024	mg/Kg	☼	10/12/25 12:32	10/14/25 00:22	1
trans-1,3-Dichloropropene	0.00097	U	0.00097	0.00026	mg/Kg	☼	10/12/25 12:32	10/14/25 00:22	1
Trichloroethene	0.00097	U	0.00097	0.00031	mg/Kg	☼	10/12/25 12:32	10/14/25 00:22	1
Trichlorofluoromethane	0.00097	U	0.00097	0.00039	mg/Kg	☼	10/12/25 12:32	10/14/25 00:22	1
Vinyl chloride	0.00097	U	0.00097	0.00053	mg/Kg	☼	10/12/25 12:32	10/14/25 00:22	1
Xylenes, Total	0.0019	U	0.0019	0.00017	mg/Kg	☼	10/12/25 12:32	10/14/25 00:22	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,2-Dichloroethane-d4 (Surr)	*86*		*65 - 138*	*10/12/25 12:32*	*10/14/25 00:22*	*1*
4-Bromofluorobenzene	*95*		*71 - 128*	*10/12/25 12:32*	*10/14/25 00:22*	*1*
Dibromofluoromethane (Surr)	*98*		*50 - 150*	*10/12/25 12:32*	*10/14/25 00:22*	*1*
Toluene-d8 (Surr)	*100*		*71 - 126*	*10/12/25 12:32*	*10/14/25 00:22*	*1*

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Percent Moisture (EPA Moisture)	**5.2**		1.0	1.0	%			10/12/25 17:50	1
Percent Solids (EPA Moisture)	**94.8**		1.0	1.0	%			10/12/25 17:50	1

Client Sample ID: 3E2_4-5

Lab Sample ID: 460-336881-32

Date Collected: 10/09/25 12:15
Matrix: Solid
Date Received: 10/09/25 16:58
Percent Solids: 94.8

Method: SW846 8260D - Volatile Organic Compounds by GC/MS

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1-Trichloroethane	0.00091	U	0.00091	0.00021	mg/Kg	☼	10/12/25 12:33	10/14/25 00:46	1
1,1,2,2-Tetrachloroethane	0.00091	U	0.00091	0.00047	mg/Kg	☼	10/12/25 12:33	10/14/25 00:46	1
1,1,2-Trichloro-1,2,2-trifluoroethane	0.00091	U	0.00091	0.00027	mg/Kg	☼	10/12/25 12:33	10/14/25 00:46	1
1,1,2-Trichloroethane	0.00091	U	0.00091	0.00055	mg/Kg	☼	10/12/25 12:33	10/14/25 00:46	1
1,1-Dichloroethane	0.00091	U	0.00091	0.00054	mg/Kg	☼	10/12/25 12:33	10/14/25 00:46	1
1,1-Dichloroethene	0.00091	U	0.00091	0.00020	mg/Kg	☼	10/12/25 12:33	10/14/25 00:46	1
1,2,3-Trichlorobenzene	0.00091	U	0.00091	0.00067	mg/Kg	☼	10/12/25 12:33	10/14/25 00:46	1
1,2,4-Trichlorobenzene	0.00091	U	0.00091	0.00032	mg/Kg	☼	10/12/25 12:33	10/14/25 00:46	1
1,2,4-Trimethylbenzene	0.00091	U	0.00091	0.00022	mg/Kg	☼	10/12/25 12:33	10/14/25 00:46	1
1,2-Dibromo-3-Chloropropane	0.00091	U	0.00091	0.00042	mg/Kg	☼	10/12/25 12:33	10/14/25 00:46	1
1,2-Dichlorobenzene	0.00091	U	0.00091	0.00033	mg/Kg	☼	10/12/25 12:33	10/14/25 00:46	1
1,2-Dichloroethane	0.00091	U	0.00091	0.00027	mg/Kg	☼	10/12/25 12:33	10/14/25 00:46	1
1,2-Dichloropropane	0.00091	U	0.00091	0.00038	mg/Kg	☼	10/12/25 12:33	10/14/25 00:46	1
1,3,5-Trimethylbenzene	0.00091	U	0.00091	0.00029	mg/Kg	☼	10/12/25 12:33	10/14/25 00:46	1
1,3-Dichlorobenzene	0.00091	U	0.00091	0.00033	mg/Kg	☼	10/12/25 12:33	10/14/25 00:46	1
1,4-Dichlorobenzene	0.00091	U	0.00091	0.00047	mg/Kg	☼	10/12/25 12:33	10/14/25 00:46	1
2-Butanone (MEK)	0.0045	U	0.0045	0.00033	mg/Kg	☼	10/12/25 12:33	10/14/25 00:46	1
2-Hexanone	0.0045	U	0.0045	0.0016	mg/Kg	☼	10/12/25 12:33	10/14/25 00:46	1
4-Methyl-2-pentanone (MIBK)	0.0045	U	0.0045	0.0014	mg/Kg	☼	10/12/25 12:33	10/14/25 00:46	1
Acetone	0.0054	U	0.0054	0.0052	mg/Kg	☼	10/12/25 12:33	10/14/25 00:46	1
Benzene	0.00091	U	0.00091	0.00051	mg/Kg	☼	10/12/25 12:33	10/14/25 00:46	1
Bromoform	0.00091	U	0.00091	0.00039	mg/Kg	☼	10/12/25 12:33	10/14/25 00:46	1
Bromomethane	0.0018	U	0.0018	0.00091	mg/Kg	☼	10/12/25 12:33	10/14/25 00:46	1

Client Sample ID: 3E2_4-5
Date Collected: 10/09/25 12:15
Date Received: 10/09/25 16:58

Lab Sample ID: 460-336881-32
Matrix: Solid
Percent Solids: 94.8

Method: SW846 8260D - Volatile Organic Compounds by GC/MS (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Carbon disulfide	0.00091	U	0.00091	0.00024	mg/Kg	☼	10/12/25 12:33	10/14/25 00:46	1
Carbon tetrachloride	0.00091	U	0.00091	0.00035	mg/Kg	☼	10/12/25 12:33	10/14/25 00:46	1
Chlorobenzene	0.00091	U	0.00091	0.00046	mg/Kg	☼	10/12/25 12:33	10/14/25 00:46	1
Chlorobromomethane	0.00091	U	0.00091	0.00054	mg/Kg	☼	10/12/25 12:33	10/14/25 00:46	1
Chlorodibromomethane	0.00091	U	0.00091	0.00049	mg/Kg	☼	10/12/25 12:33	10/14/25 00:46	1
Chloroethane	0.00091	U	0.00091	0.00047	mg/Kg	☼	10/12/25 12:33	10/14/25 00:46	1
Chloroform	0.00091	U	0.00091	0.00088	mg/Kg	☼	10/12/25 12:33	10/14/25 00:46	1
Chloromethane	0.00091	U	0.00091	0.00039	mg/Kg	☼	10/12/25 12:33	10/14/25 00:46	1
cis-1,2-Dichloroethene	0.00091	U	0.00091	0.00032	mg/Kg	☼	10/12/25 12:33	10/14/25 00:46	1
cis-1,3-Dichloropropene	0.00091	U	0.00091	0.00025	mg/Kg	☼	10/12/25 12:33	10/14/25 00:46	1
Cyclohexane	0.00091	U	0.00091	0.00020	mg/Kg	☼	10/12/25 12:33	10/14/25 00:46	1
Dichlorobromomethane	0.00091	U	0.00091	0.00023	mg/Kg	☼	10/12/25 12:33	10/14/25 00:46	1
Dichlorodifluoromethane	0.00091	U	0.00091	0.00031	mg/Kg	☼	10/12/25 12:33	10/14/25 00:46	1
Ethylbenzene	0.00091	U	0.00091	0.00042	mg/Kg	☼	10/12/25 12:33	10/14/25 00:46	1
Ethylene Dibromide	0.00091	U	0.00091	0.00046	mg/Kg	☼	10/12/25 12:33	10/14/25 00:46	1
Isopropylbenzene	0.00091	U	0.00091	0.00026	mg/Kg	☼	10/12/25 12:33	10/14/25 00:46	1
Methyl acetate	0.0045	U	0.0045	0.0039	mg/Kg	☼	10/12/25 12:33	10/14/25 00:46	1
Methyl tert-butyl ether	0.00091	U	0.00091	0.00046	mg/Kg	☼	10/12/25 12:33	10/14/25 00:46	1
Methylcyclohexane	0.00091	U	0.00091	0.00045	mg/Kg	☼	10/12/25 12:33	10/14/25 00:46	1
Methylene Chloride	0.0018	U	0.0018	0.0010	mg/Kg	☼	10/12/25 12:33	10/14/25 00:46	1
m-Xylene & p-Xylene	0.00091	U	0.00091	0.00038	mg/Kg	☼	10/12/25 12:33	10/14/25 00:46	1
n-Butylbenzene	0.00091	U	0.00091	0.00027	mg/Kg	☼	10/12/25 12:33	10/14/25 00:46	1
N-Propylbenzene	0.00091	U	0.00091	0.00041	mg/Kg	☼	10/12/25 12:33	10/14/25 00:46	1
o-Xylene	0.00091	U	0.00091	0.00042	mg/Kg	☼	10/12/25 12:33	10/14/25 00:46	1
sec-Butylbenzene	0.00091	U	0.00091	0.00026	mg/Kg	☼	10/12/25 12:33	10/14/25 00:46	1
Styrene	0.00091	U	0.00091	0.00025	mg/Kg	☼	10/12/25 12:33	10/14/25 00:46	1
tert-Butylbenzene	0.00091	U	0.00091	0.00025	mg/Kg	☼	10/12/25 12:33	10/14/25 00:46	1
Tetrachloroethene	0.00091	U	0.00091	0.00028	mg/Kg	☼	10/12/25 12:33	10/14/25 00:46	1
Toluene	**0.00048**	**J**	0.00091	0.00021	mg/Kg	☼	10/12/25 12:33	10/14/25 00:46	1
trans-1,2-Dichloroethene	0.00091	U	0.00091	0.00022	mg/Kg	☼	10/12/25 12:33	10/14/25 00:46	1
trans-1,3-Dichloropropene	0.00091	U	0.00091	0.00024	mg/Kg	☼	10/12/25 12:33	10/14/25 00:46	1
Trichloroethene	0.00091	U	0.00091	0.00029	mg/Kg	☼	10/12/25 12:33	10/14/25 00:46	1
Trichlorofluoromethane	0.00091	U	0.00091	0.00037	mg/Kg	☼	10/12/25 12:33	10/14/25 00:46	1
Vinyl chloride	0.00091	U	0.00091	0.00050	mg/Kg	☼	10/12/25 12:33	10/14/25 00:46	1
Xylenes, Total	0.0018	U	0.0018	0.00016	mg/Kg	☼	10/12/25 12:33	10/14/25 00:46	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,2-Dichloroethane-d4 (Surr)	*88*		*65 - 138*	*10/12/25 12:33*	*10/14/25 00:46*	*1*
4-Bromofluorobenzene	*97*		*71 - 128*	*10/12/25 12:33*	*10/14/25 00:46*	*1*
Dibromofluoromethane (Surr)	*99*		*50 - 150*	*10/12/25 12:33*	*10/14/25 00:46*	*1*
Toluene-d8 (Surr)	*100*		*71 - 126*	*10/12/25 12:33*	*10/14/25 00:46*	*1*

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Percent Moisture (EPA Moisture)	**5.2**		1.0	1.0	%			10/12/25 17:50	1
Percent Solids (EPA Moisture)	**94.8**		1.0	1.0	%			10/12/25 17:50	1

Client: Haley & Aldrich, Inc.
Project/Site: Former Port Mobil

Job ID: 460-336881-1

Client Sample ID: 3E3_6-7
Date Collected: 10/09/25 12:20
Date Received: 10/09/25 16:58

Lab Sample ID: 460-336881-33
Matrix: Solid
Percent Solids: 91.0

Method: SW846 8260D - Volatile Organic Compounds by GC/MS

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1-Trichloroethane	0.0013	U	0.0013	0.00030	mg/Kg	☼	10/12/25 12:33	10/14/25 01:10	1
1,1,2,2-Tetrachloroethane	0.0013	U	0.0013	0.00067	mg/Kg	☼	10/12/25 12:33	10/14/25 01:10	1
1,1,2-Trichloro-1,2,2-trifluoroethane	0.0013	U	0.0013	0.00038	mg/Kg	☼	10/12/25 12:33	10/14/25 01:10	1
1,1,2-Trichloroethane	0.0013	U	0.0013	0.00077	mg/Kg	☼	10/12/25 12:33	10/14/25 01:10	1
1,1-Dichloroethane	0.0013	U	0.0013	0.00076	mg/Kg	☼	10/12/25 12:33	10/14/25 01:10	1
1,1-Dichloroethene	0.0013	U	0.0013	0.00029	mg/Kg	☼	10/12/25 12:33	10/14/25 01:10	1
1,2,3-Trichlorobenzene	0.0013	U	0.0013	0.00094	mg/Kg	☼	10/12/25 12:33	10/14/25 01:10	1
1,2,4-Trichlorobenzene	0.0013	U	0.0013	0.00046	mg/Kg	☼	10/12/25 12:33	10/14/25 01:10	1
1,2,4-Trimethylbenzene	0.0013	U	0.0013	0.00031	mg/Kg	☼	10/12/25 12:33	10/14/25 01:10	1
1,2-Dibromo-3-Chloropropane	0.0013	U	0.0013	0.00059	mg/Kg	☼	10/12/25 12:33	10/14/25 01:10	1
1,2-Dichlorobenzene	0.0013	U	0.0013	0.00046	mg/Kg	☼	10/12/25 12:33	10/14/25 01:10	1
1,2-Dichloroethane	0.0013	U	0.0013	0.00038	mg/Kg	☼	10/12/25 12:33	10/14/25 01:10	1
1,2-Dichloropropane	0.0013	U	0.0013	0.00054	mg/Kg	☼	10/12/25 12:33	10/14/25 01:10	1
1,3,5-Trimethylbenzene	0.0013	U	0.0013	0.00040	mg/Kg	☼	10/12/25 12:33	10/14/25 01:10	1
1,3-Dichlorobenzene	0.0013	U	0.0013	0.00047	mg/Kg	☼	10/12/25 12:33	10/14/25 01:10	1
1,4-Dichlorobenzene	0.0013	U	0.0013	0.00066	mg/Kg	☼	10/12/25 12:33	10/14/25 01:10	1
2-Butanone (MEK)	0.0064	U	0.0064	0.00047	mg/Kg	☼	10/12/25 12:33	10/14/25 01:10	1
2-Hexanone	0.0064	U	0.0064	0.0022	mg/Kg	☼	10/12/25 12:33	10/14/25 01:10	1
4-Methyl-2-pentanone (MIBK)	0.0064	U	0.0064	0.0020	mg/Kg	☼	10/12/25 12:33	10/14/25 01:10	1
Acetone	0.0077	U	0.0077	0.0073	mg/Kg	☼	10/12/25 12:33	10/14/25 01:10	1
Benzene	0.0013	U	0.0013	0.00072	mg/Kg	☼	10/12/25 12:33	10/14/25 01:10	1
Bromoform	0.0013	U	0.0013	0.00054	mg/Kg	☼	10/12/25 12:33	10/14/25 01:10	1
Bromomethane	0.0026	U	0.0026	0.0013	mg/Kg	☼	10/12/25 12:33	10/14/25 01:10	1
Carbon disulfide	0.0013	U	0.0013	0.00034	mg/Kg	☼	10/12/25 12:33	10/14/25 01:10	1
Carbon tetrachloride	0.0013	U	0.0013	0.00049	mg/Kg	☼	10/12/25 12:33	10/14/25 01:10	1
Chlorobenzene	0.0013	U	0.0013	0.00065	mg/Kg	☼	10/12/25 12:33	10/14/25 01:10	1
Chlorobromomethane	0.0013	U	0.0013	0.00076	mg/Kg	☼	10/12/25 12:33	10/14/25 01:10	1
Chlorodibromomethane	0.0013	U	0.0013	0.00069	mg/Kg	☼	10/12/25 12:33	10/14/25 01:10	1
Chloroethane	0.0013	U	0.0013	0.00067	mg/Kg	☼	10/12/25 12:33	10/14/25 01:10	1
Chloroform	0.0013	U	0.0013	0.0012	mg/Kg	☼	10/12/25 12:33	10/14/25 01:10	1
Chloromethane	0.0013	U	0.0013	0.00056	mg/Kg	☼	10/12/25 12:33	10/14/25 01:10	1
cis-1,2-Dichloroethene	0.0013	U	0.0013	0.00046	mg/Kg	☼	10/12/25 12:33	10/14/25 01:10	1
cis-1,3-Dichloropropene	0.0013	U	0.0013	0.00035	mg/Kg	☼	10/12/25 12:33	10/14/25 01:10	1
Cyclohexane	0.0013	U	0.0013	0.00028	mg/Kg	☼	10/12/25 12:33	10/14/25 01:10	1
Dichlorobromomethane	0.0013	U	0.0013	0.00033	mg/Kg	☼	10/12/25 12:33	10/14/25 01:10	1
Dichlorodifluoromethane	0.0013	U	0.0013	0.00043	mg/Kg	☼	10/12/25 12:33	10/14/25 01:10	1
Ethylbenzene	0.0013	U	0.0013	0.00060	mg/Kg	☼	10/12/25 12:33	10/14/25 01:10	1
Ethylene Dibromide	0.0013	U	0.0013	0.00064	mg/Kg	☼	10/12/25 12:33	10/14/25 01:10	1
Isopropylbenzene	0.0013	U	0.0013	0.00036	mg/Kg	☼	10/12/25 12:33	10/14/25 01:10	1
Methyl acetate	0.0064	U	0.0064	0.0055	mg/Kg	☼	10/12/25 12:33	10/14/25 01:10	1
Methyl tert-butyl ether	0.0013	U	0.0013	0.00065	mg/Kg	☼	10/12/25 12:33	10/14/25 01:10	1
Methylcyclohexane	0.0013	U	0.0013	0.00064	mg/Kg	☼	10/12/25 12:33	10/14/25 01:10	1
Methylene Chloride	**0.0023**	**J**	0.0026	0.0015	mg/Kg	☼	10/12/25 12:33	10/14/25 01:10	1
m-Xylene & p-Xylene	0.0013	U	0.0013	0.00054	mg/Kg	☼	10/12/25 12:33	10/14/25 01:10	1
n-Butylbenzene	0.0013	U	0.0013	0.00038	mg/Kg	☼	10/12/25 12:33	10/14/25 01:10	1
N-Propylbenzene	0.0013	U	0.0013	0.00057	mg/Kg	☼	10/12/25 12:33	10/14/25 01:10	1
o-Xylene	0.0013	U	0.0013	0.00059	mg/Kg	☼	10/12/25 12:33	10/14/25 01:10	1
sec-Butylbenzene	0.0013	U	0.0013	0.00037	mg/Kg	☼	10/12/25 12:33	10/14/25 01:10	1
Styrene	0.0013	U	0.0013	0.00036	mg/Kg	☼	10/12/25 12:33	10/14/25 01:10	1

Client Sample ID: 3E3_6-7

Lab Sample ID: 460-336881-33

Date Collected: 10/09/25 12:20

Matrix: Solid

Date Received: 10/09/25 16:58

Percent Solids: 91.0

Method: SW846 8260D - Volatile Organic Compounds by GC/MS (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
tert-Butylbenzene	0.0013	U	0.0013	0.00035	mg/Kg	☼	10/12/25 12:33	10/14/25 01:10	1
Tetrachloroethene	0.0013	U	0.0013	0.00039	mg/Kg	☼	10/12/25 12:33	10/14/25 01:10	1
Toluene	**0.00072**	**J**	0.0013	0.00030	mg/Kg	☼	10/12/25 12:33	10/14/25 01:10	1
trans-1,2-Dichloroethene	0.0013	U	0.0013	0.00031	mg/Kg	☼	10/12/25 12:33	10/14/25 01:10	1
trans-1,3-Dichloropropene	0.0013	U	0.0013	0.00034	mg/Kg	☼	10/12/25 12:33	10/14/25 01:10	1
Trichloroethene	0.0013	U	0.0013	0.00041	mg/Kg	☼	10/12/25 12:33	10/14/25 01:10	1
Trichlorofluoromethane	0.0013	U	0.0013	0.00052	mg/Kg	☼	10/12/25 12:33	10/14/25 01:10	1
Vinyl chloride	0.0013	U	0.0013	0.00070	mg/Kg	☼	10/12/25 12:33	10/14/25 01:10	1
Xylenes, Total	0.0026	U	0.0026	0.00022	mg/Kg	☼	10/12/25 12:33	10/14/25 01:10	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,2-Dichloroethane-d4 (Surr)	*86*		*65 - 138*	*10/12/25 12:33*	*10/14/25 01:10*	*1*
4-Bromofluorobenzene	*99*		*71 - 128*	*10/12/25 12:33*	*10/14/25 01:10*	*1*
Dibromofluoromethane (Surr)	*99*		*50 - 150*	*10/12/25 12:33*	*10/14/25 01:10*	*1*
Toluene-d8 (Surr)	*100*		*71 - 126*	*10/12/25 12:33*	*10/14/25 01:10*	*1*

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Percent Moisture (EPA Moisture)	**9.0**		1.0	1.0	%			10/12/25 17:50	1
Percent Solids (EPA Moisture)	**91.0**		1.0	1.0	%			10/12/25 17:50	1

Client Sample ID: 3E1_8-9

Lab Sample ID: 460-336881-34

Date Collected: 10/09/25 12:25

Matrix: Solid

Date Received: 10/09/25 16:58

Percent Solids: 90.8

Method: SW846 8260D - Volatile Organic Compounds by GC/MS

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1-Trichloroethane	0.00096	U	0.00096	0.00022	mg/Kg	☼	10/12/25 12:33	10/14/25 01:34	1
1,1,2,2-Tetrachloroethane	0.00096	U	0.00096	0.00050	mg/Kg	☼	10/12/25 12:33	10/14/25 01:34	1
1,1,2-Trichloro-1,2,2-trifluoroethane	0.00096	U	0.00096	0.00029	mg/Kg	☼	10/12/25 12:33	10/14/25 01:34	1
1,1,2-Trichloroethane	0.00096	U	0.00096	0.00058	mg/Kg	☼	10/12/25 12:33	10/14/25 01:34	1
1,1-Dichloroethane	0.00096	U	0.00096	0.00057	mg/Kg	☼	10/12/25 12:33	10/14/25 01:34	1
1,1-Dichloroethene	0.00096	U	0.00096	0.00022	mg/Kg	☼	10/12/25 12:33	10/14/25 01:34	1
1,2,3-Trichlorobenzene	0.00096	U	0.00096	0.00071	mg/Kg	☼	10/12/25 12:33	10/14/25 01:34	1
1,2,4-Trichlorobenzene	0.00096	U	0.00096	0.00034	mg/Kg	☼	10/12/25 12:33	10/14/25 01:34	1
1,2,4-Trimethylbenzene	0.00096	U	0.00096	0.00024	mg/Kg	☼	10/12/25 12:33	10/14/25 01:34	1
1,2-Dibromo-3-Chloropropane	0.00096	U	0.00096	0.00044	mg/Kg	☼	10/12/25 12:33	10/14/25 01:34	1
1,2-Dichlorobenzene	0.00096	U	0.00096	0.00035	mg/Kg	☼	10/12/25 12:33	10/14/25 01:34	1
1,2-Dichloroethane	0.00096	U	0.00096	0.00028	mg/Kg	☼	10/12/25 12:33	10/14/25 01:34	1
1,2-Dichloropropane	0.00096	U	0.00096	0.00041	mg/Kg	☼	10/12/25 12:33	10/14/25 01:34	1
1,3,5-Trimethylbenzene	0.00096	U	0.00096	0.00030	mg/Kg	☼	10/12/25 12:33	10/14/25 01:34	1
1,3-Dichlorobenzene	0.00096	U	0.00096	0.00035	mg/Kg	☼	10/12/25 12:33	10/14/25 01:34	1
1,4-Dichlorobenzene	0.00096	U	0.00096	0.00050	mg/Kg	☼	10/12/25 12:33	10/14/25 01:34	1
2-Butanone (MEK)	0.0048	U	0.0048	0.00035	mg/Kg	☼	10/12/25 12:33	10/14/25 01:34	1
2-Hexanone	0.0048	U	0.0048	0.0016	mg/Kg	☼	10/12/25 12:33	10/14/25 01:34	1
4-Methyl-2-pentanone (MIBK)	0.0048	U	0.0048	0.0015	mg/Kg	☼	10/12/25 12:33	10/14/25 01:34	1
Acetone	0.0058	U	0.0058	0.0055	mg/Kg	☼	10/12/25 12:33	10/14/25 01:34	1
Benzene	0.00096	U	0.00096	0.00054	mg/Kg	☼	10/12/25 12:33	10/14/25 01:34	1
Bromoform	0.00096	U	0.00096	0.00041	mg/Kg	☼	10/12/25 12:33	10/14/25 01:34	1
Bromomethane	0.0019	U	0.0019	0.00096	mg/Kg	☼	10/12/25 12:33	10/14/25 01:34	1

Client Sample ID: 3E1_8-9
Date Collected: 10/09/25 12:25
Date Received: 10/09/25 16:58

Lab Sample ID: 460-336881-34
Matrix: Solid
Percent Solids: 90.8

Method: SW846 8260D - Volatile Organic Compounds by GC/MS (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Carbon disulfide	0.00096	U	0.00096	0.00026	mg/Kg	☼	10/12/25 12:33	10/14/25 01:34	1
Carbon tetrachloride	0.00096	U	0.00096	0.00037	mg/Kg	☼	10/12/25 12:33	10/14/25 01:34	1
Chlorobenzene	0.00096	U	0.00096	0.00049	mg/Kg	☼	10/12/25 12:33	10/14/25 01:34	1
Chlorobromomethane	0.00096	U	0.00096	0.00057	mg/Kg	☼	10/12/25 12:33	10/14/25 01:34	1
Chlorodibromomethane	0.00096	U	0.00096	0.00052	mg/Kg	☼	10/12/25 12:33	10/14/25 01:34	1
Chloroethane	0.00096	U	0.00096	0.00050	mg/Kg	☼	10/12/25 12:33	10/14/25 01:34	1
Chloroform	0.00096	U	0.00096	0.00093	mg/Kg	☼	10/12/25 12:33	10/14/25 01:34	1
Chloromethane	0.00096	U	0.00096	0.00042	mg/Kg	☼	10/12/25 12:33	10/14/25 01:34	1
cis-1,2-Dichloroethene	0.00096	U	0.00096	0.00034	mg/Kg	☼	10/12/25 12:33	10/14/25 01:34	1
cis-1,3-Dichloropropene	0.00096	U	0.00096	0.00026	mg/Kg	☼	10/12/25 12:33	10/14/25 01:34	1
Cyclohexane	0.00096	U	0.00096	0.00021	mg/Kg	☼	10/12/25 12:33	10/14/25 01:34	1
Dichlorobromomethane	0.00096	U	0.00096	0.00025	mg/Kg	☼	10/12/25 12:33	10/14/25 01:34	1
Dichlorodifluoromethane	0.00096	U	0.00096	0.00032	mg/Kg	☼	10/12/25 12:33	10/14/25 01:34	1
Ethylbenzene	0.00096	U	0.00096	0.00045	mg/Kg	☼	10/12/25 12:33	10/14/25 01:34	1
Ethylene Dibromide	0.00096	U	0.00096	0.00048	mg/Kg	☼	10/12/25 12:33	10/14/25 01:34	1
Isopropylbenzene	0.00096	U	0.00096	0.00027	mg/Kg	☼	10/12/25 12:33	10/14/25 01:34	1
Methyl acetate	0.0048	U	0.0048	0.0041	mg/Kg	☼	10/12/25 12:33	10/14/25 01:34	1
Methyl tert-butyl ether	0.00096	U	0.00096	0.00049	mg/Kg	☼	10/12/25 12:33	10/14/25 01:34	1
Methylcyclohexane	0.00096	U	0.00096	0.00048	mg/Kg	☼	10/12/25 12:33	10/14/25 01:34	1
Methylene Chloride	**0.0043**		0.0019	0.0011	mg/Kg	☼	10/12/25 12:33	10/14/25 01:34	1
m-Xylene & p-Xylene	0.00096	U	0.00096	0.00041	mg/Kg	☼	10/12/25 12:33	10/14/25 01:34	1
n-Butylbenzene	0.00096	U	0.00096	0.00028	mg/Kg	☼	10/12/25 12:33	10/14/25 01:34	1
N-Propylbenzene	0.00096	U	0.00096	0.00043	mg/Kg	☼	10/12/25 12:33	10/14/25 01:34	1
o-Xylene	0.00096	U	0.00096	0.00044	mg/Kg	☼	10/12/25 12:33	10/14/25 01:34	1
sec-Butylbenzene	0.00096	U	0.00096	0.00028	mg/Kg	☼	10/12/25 12:33	10/14/25 01:34	1
Styrene	0.00096	U	0.00096	0.00027	mg/Kg	☼	10/12/25 12:33	10/14/25 01:34	1
tert-Butylbenzene	0.00096	U	0.00096	0.00026	mg/Kg	☼	10/12/25 12:33	10/14/25 01:34	1
Tetrachloroethene	0.00096	U	0.00096	0.00029	mg/Kg	☼	10/12/25 12:33	10/14/25 01:34	1
Toluene	0.00096	U	0.00096	0.00022	mg/Kg	☼	10/12/25 12:33	10/14/25 01:34	1
trans-1,2-Dichloroethene	0.00096	U	0.00096	0.00024	mg/Kg	☼	10/12/25 12:33	10/14/25 01:34	1
trans-1,3-Dichloropropene	0.00096	U	0.00096	0.00026	mg/Kg	☼	10/12/25 12:33	10/14/25 01:34	1
Trichloroethene	0.00096	U	0.00096	0.00031	mg/Kg	☼	10/12/25 12:33	10/14/25 01:34	1
Trichlorofluoromethane	0.00096	U	0.00096	0.00039	mg/Kg	☼	10/12/25 12:33	10/14/25 01:34	1
Vinyl chloride	0.00096	U	0.00096	0.00052	mg/Kg	☼	10/12/25 12:33	10/14/25 01:34	1
Xylenes, Total	0.0019	U	0.0019	0.00017	mg/Kg	☼	10/12/25 12:33	10/14/25 01:34	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,2-Dichloroethane-d4 (Surr)	*86*		*65 - 138*	*10/12/25 12:33*	*10/14/25 01:34*	*1*
4-Bromofluorobenzene	*93*		*71 - 128*	*10/12/25 12:33*	*10/14/25 01:34*	*1*
Dibromofluoromethane (Surr)	*98*		*50 - 150*	*10/12/25 12:33*	*10/14/25 01:34*	*1*
Toluene-d8 (Surr)	*99*		*71 - 126*	*10/12/25 12:33*	*10/14/25 01:34*	*1*

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Percent Moisture (EPA Moisture)	**9.2**		1.0	1.0	%			10/12/25 17:50	1
Percent Solids (EPA Moisture)	**90.8**		1.0	1.0	%			10/12/25 17:50	1

Client: Haley & Aldrich, Inc.
Project/Site: Former Port Mobil

Job ID: 460-336881-1

Client Sample ID: 3E2_7-8
Date Collected: 10/09/25 12:30
Date Received: 10/09/25 16:58

Lab Sample ID: 460-336881-35
Matrix: Solid
Percent Solids: 94.2

Method: SW846 8260D - Volatile Organic Compounds by GC/MS

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1-Trichloroethane	0.00098	U	0.00098	0.00023	mg/Kg	☼	10/12/25 12:33	10/14/25 01:58	1
1,1,2,2-Tetrachloroethane	0.00098	U	0.00098	0.00051	mg/Kg	☼	10/12/25 12:33	10/14/25 01:58	1
1,1,2-Trichloro-1,2,2-trifluoroethane	0.00098	U	0.00098	0.00029	mg/Kg	☼	10/12/25 12:33	10/14/25 01:58	1
1,1,2-Trichloroethane	0.00098	U	0.00098	0.00059	mg/Kg	☼	10/12/25 12:33	10/14/25 01:58	1
1,1-Dichloroethane	0.00098	U	0.00098	0.00058	mg/Kg	☼	10/12/25 12:33	10/14/25 01:58	1
1,1-Dichloroethene	0.00098	U	0.00098	0.00022	mg/Kg	☼	10/12/25 12:33	10/14/25 01:58	1
1,2,3-Trichlorobenzene	0.00098	U	0.00098	0.00072	mg/Kg	☼	10/12/25 12:33	10/14/25 01:58	1
1,2,4-Trichlorobenzene	0.00098	U	0.00098	0.00035	mg/Kg	☼	10/12/25 12:33	10/14/25 01:58	1
1,2,4-Trimethylbenzene	0.00098	U	0.00098	0.00024	mg/Kg	☼	10/12/25 12:33	10/14/25 01:58	1
1,2-Dibromo-3-Chloropropane	0.00098	U	0.00098	0.00045	mg/Kg	☼	10/12/25 12:33	10/14/25 01:58	1
1,2-Dichlorobenzene	0.00098	U	0.00098	0.00035	mg/Kg	☼	10/12/25 12:33	10/14/25 01:58	1
1,2-Dichloroethane	0.00098	U	0.00098	0.00029	mg/Kg	☼	10/12/25 12:33	10/14/25 01:58	1
1,2-Dichloropropane	0.00098	U	0.00098	0.00041	mg/Kg	☼	10/12/25 12:33	10/14/25 01:58	1
1,3,5-Trimethylbenzene	0.00098	U	0.00098	0.00031	mg/Kg	☼	10/12/25 12:33	10/14/25 01:58	1
1,3-Dichlorobenzene	0.00098	U	0.00098	0.00036	mg/Kg	☼	10/12/25 12:33	10/14/25 01:58	1
1,4-Dichlorobenzene	0.00098	U	0.00098	0.00051	mg/Kg	☼	10/12/25 12:33	10/14/25 01:58	1
2-Butanone (MEK)	0.0049	U	0.0049	0.00036	mg/Kg	☼	10/12/25 12:33	10/14/25 01:58	1
2-Hexanone	0.0049	U	0.0049	0.0017	mg/Kg	☼	10/12/25 12:33	10/14/25 01:58	1
4-Methyl-2-pentanone (MIBK)	0.0049	U	0.0049	0.0015	mg/Kg	☼	10/12/25 12:33	10/14/25 01:58	1
Acetone	0.0059	U	0.0059	0.0056	mg/Kg	☼	10/12/25 12:33	10/14/25 01:58	1
Benzene	0.00098	U	0.00098	0.00055	mg/Kg	☼	10/12/25 12:33	10/14/25 01:58	1
Bromoform	0.00098	U	0.00098	0.00042	mg/Kg	☼	10/12/25 12:33	10/14/25 01:58	1
Bromomethane	0.0020	U	0.0020	0.00098	mg/Kg	☼	10/12/25 12:33	10/14/25 01:58	1
Carbon disulfide	0.00098	U	0.00098	0.00026	mg/Kg	☼	10/12/25 12:33	10/14/25 01:58	1
Carbon tetrachloride	0.00098	U	0.00098	0.00038	mg/Kg	☼	10/12/25 12:33	10/14/25 01:58	1
Chlorobenzene	0.00098	U	0.00098	0.00050	mg/Kg	☼	10/12/25 12:33	10/14/25 01:58	1
Chlorobromomethane	0.00098	U	0.00098	0.00058	mg/Kg	☼	10/12/25 12:33	10/14/25 01:58	1
Chlorodibromomethane	0.00098	U	0.00098	0.00052	mg/Kg	☼	10/12/25 12:33	10/14/25 01:58	1
Chloroethane	0.00098	U	0.00098	0.00051	mg/Kg	☼	10/12/25 12:33	10/14/25 01:58	1
Chloroform	0.00098	U	0.00098	0.00095	mg/Kg	☼	10/12/25 12:33	10/14/25 01:58	1
Chloromethane	0.00098	U	0.00098	0.00042	mg/Kg	☼	10/12/25 12:33	10/14/25 01:58	1
cis-1,2-Dichloroethene	0.00098	U	0.00098	0.00035	mg/Kg	☼	10/12/25 12:33	10/14/25 01:58	1
cis-1,3-Dichloropropene	0.00098	U	0.00098	0.00027	mg/Kg	☼	10/12/25 12:33	10/14/25 01:58	1
Cyclohexane	0.00098	U	0.00098	0.00022	mg/Kg	☼	10/12/25 12:33	10/14/25 01:58	1
Dichlorobromomethane	0.00098	U	0.00098	0.00025	mg/Kg	☼	10/12/25 12:33	10/14/25 01:58	1
Dichlorodifluoromethane	0.00098	U	0.00098	0.00033	mg/Kg	☼	10/12/25 12:33	10/14/25 01:58	1
Ethylbenzene	0.00098	U	0.00098	0.00046	mg/Kg	☼	10/12/25 12:33	10/14/25 01:58	1
Ethylene Dibromide	0.00098	U	0.00098	0.00049	mg/Kg	☼	10/12/25 12:33	10/14/25 01:58	1
Isopropylbenzene	0.00098	U	0.00098	0.00028	mg/Kg	☼	10/12/25 12:33	10/14/25 01:58	1
Methyl acetate	0.0049	U	0.0049	0.0042	mg/Kg	☼	10/12/25 12:33	10/14/25 01:58	1
Methyl tert-butyl ether	0.00098	U	0.00098	0.00050	mg/Kg	☼	10/12/25 12:33	10/14/25 01:58	1
Methylcyclohexane	0.00098	U	0.00098	0.00049	mg/Kg	☼	10/12/25 12:33	10/14/25 01:58	1
Methylene Chloride	**0.0016**	**J**	0.0020	0.0011	mg/Kg	☼	10/12/25 12:33	10/14/25 01:58	1
m-Xylene & p-Xylene	0.00098	U	0.00098	0.00041	mg/Kg	☼	10/12/25 12:33	10/14/25 01:58	1
n-Butylbenzene	0.00098	U	0.00098	0.00029	mg/Kg	☼	10/12/25 12:33	10/14/25 01:58	1
N-Propylbenzene	0.00098	U	0.00098	0.00044	mg/Kg	☼	10/12/25 12:33	10/14/25 01:58	1
o-Xylene	0.00098	U	0.00098	0.00045	mg/Kg	☼	10/12/25 12:33	10/14/25 01:58	1
sec-Butylbenzene	0.00098	U	0.00098	0.00028	mg/Kg	☼	10/12/25 12:33	10/14/25 01:58	1
Styrene	0.00098	U	0.00098	0.00027	mg/Kg	☼	10/12/25 12:33	10/14/25 01:58	1

Client Sample ID: 3E2_7-8

Lab Sample ID: 460-336881-35
Date Collected: 10/09/25 12:30
Matrix: Solid
Date Received: 10/09/25 16:58
Percent Solids: 94.2

Method: SW846 8260D - Volatile Organic Compounds by GC/MS (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
tert-Butylbenzene	0.00098	U	0.00098	0.00027	mg/Kg	☼	10/12/25 12:33	10/14/25 01:58	1
Tetrachloroethene	0.00098	U	0.00098	0.00030	mg/Kg	☼	10/12/25 12:33	10/14/25 01:58	1
Toluene	**0.00085**	**J**	0.00098	0.00023	mg/Kg	☼	10/12/25 12:33	10/14/25 01:58	1
trans-1,2-Dichloroethene	0.00098	U	0.00098	0.00024	mg/Kg	☼	10/12/25 12:33	10/14/25 01:58	1
trans-1,3-Dichloropropene	0.00098	U	0.00098	0.00026	mg/Kg	☼	10/12/25 12:33	10/14/25 01:58	1
Trichloroethene	0.00098	U	0.00098	0.00031	mg/Kg	☼	10/12/25 12:33	10/14/25 01:58	1
Trichlorofluoromethane	0.00098	U	0.00098	0.00040	mg/Kg	☼	10/12/25 12:33	10/14/25 01:58	1
Vinyl chloride	0.00098	U	0.00098	0.00053	mg/Kg	☼	10/12/25 12:33	10/14/25 01:58	1
Xylenes, Total	0.0020	U	0.0020	0.00017	mg/Kg	☼	10/12/25 12:33	10/14/25 01:58	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,2-Dichloroethane-d4 (Surr)	*85*		*65 - 138*	*10/12/25 12:33*	*10/14/25 01:58*	*1*
4-Bromofluorobenzene	*97*		*71 - 128*	*10/12/25 12:33*	*10/14/25 01:58*	*1*
Dibromofluoromethane (Surr)	*98*		*50 - 150*	*10/12/25 12:33*	*10/14/25 01:58*	*1*
Toluene-d8 (Surr)	*101*		*71 - 126*	*10/12/25 12:33*	*10/14/25 01:58*	*1*

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Percent Moisture (EPA Moisture)	**5.8**		1.0	1.0	%			10/12/25 17:50	1
Percent Solids (EPA Moisture)	**94.2**		1.0	1.0	%			10/12/25 17:50	1

Client Sample ID: 3E3_11-12

Lab Sample ID: 460-336881-36
Date Collected: 10/09/25 12:35
Matrix: Solid
Date Received: 10/09/25 16:58
Percent Solids: 91.9

Method: SW846 8260D - Volatile Organic Compounds by GC/MS

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1-Trichloroethane	0.00090	U	0.00090	0.00021	mg/Kg	☼	10/12/25 12:33	10/14/25 02:23	1
1,1,2,2-Tetrachloroethane	0.00090	U	0.00090	0.00047	mg/Kg	☼	10/12/25 12:33	10/14/25 02:23	1
1,1,2-Trichloro-1,2,2-trifluoroethane	0.00090	U	0.00090	0.00027	mg/Kg	☼	10/12/25 12:33	10/14/25 02:23	1
1,1,2-Trichloroethane	0.00090	U	0.00090	0.00054	mg/Kg	☼	10/12/25 12:33	10/14/25 02:23	1
1,1-Dichloroethane	0.00090	U	0.00090	0.00054	mg/Kg	☼	10/12/25 12:33	10/14/25 02:23	1
1,1-Dichloroethene	0.00090	U	0.00090	0.00020	mg/Kg	☼	10/12/25 12:33	10/14/25 02:23	1
1,2,3-Trichlorobenzene	0.00090	U	0.00090	0.00067	mg/Kg	☼	10/12/25 12:33	10/14/25 02:23	1
1,2,4-Trichlorobenzene	0.00090	U	0.00090	0.00032	mg/Kg	☼	10/12/25 12:33	10/14/25 02:23	1
1,2,4-Trimethylbenzene	0.00090	U	0.00090	0.00022	mg/Kg	☼	10/12/25 12:33	10/14/25 02:23	1
1,2-Dibromo-3-Chloropropane	0.00090	U	0.00090	0.00041	mg/Kg	☼	10/12/25 12:33	10/14/25 02:23	1
1,2-Dichlorobenzene	0.00090	U	0.00090	0.00033	mg/Kg	☼	10/12/25 12:33	10/14/25 02:23	1
1,2-Dichloroethane	0.00090	U	0.00090	0.00027	mg/Kg	☼	10/12/25 12:33	10/14/25 02:23	1
1,2-Dichloropropane	0.00090	U	0.00090	0.00038	mg/Kg	☼	10/12/25 12:33	10/14/25 02:23	1
1,3,5-Trimethylbenzene	0.00090	U	0.00090	0.00028	mg/Kg	☼	10/12/25 12:33	10/14/25 02:23	1
1,3-Dichlorobenzene	0.00090	U	0.00090	0.00033	mg/Kg	☼	10/12/25 12:33	10/14/25 02:23	1
1,4-Dichlorobenzene	0.00090	U	0.00090	0.00047	mg/Kg	☼	10/12/25 12:33	10/14/25 02:23	1
2-Butanone (MEK)	0.0045	U	0.0045	0.00033	mg/Kg	☼	10/12/25 12:33	10/14/25 02:23	1
2-Hexanone	0.0045	U	0.0045	0.0015	mg/Kg	☼	10/12/25 12:33	10/14/25 02:23	1
4-Methyl-2-pentanone (MIBK)	0.0045	U	0.0045	0.0014	mg/Kg	☼	10/12/25 12:33	10/14/25 02:23	1
Acetone	0.0054	U	0.0054	0.0052	mg/Kg	☼	10/12/25 12:33	10/14/25 02:23	1
Benzene	0.00090	U	0.00090	0.00051	mg/Kg	☼	10/12/25 12:33	10/14/25 02:23	1
Bromoform	0.00090	U	0.00090	0.00038	mg/Kg	☼	10/12/25 12:33	10/14/25 02:23	1
Bromomethane	0.0018	U	0.0018	0.00090	mg/Kg	☼	10/12/25 12:33	10/14/25 02:23	1

Client Sample ID: 3E3_11-12
Date Collected: 10/09/25 12:35
Date Received: 10/09/25 16:58

Lab Sample ID: 460-336881-36
Matrix: Solid
Percent Solids: 91.9

Method: SW846 8260D - Volatile Organic Compounds by GC/MS (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Carbon disulfide	0.00090	U	0.00090	0.00024	mg/Kg	☼	10/12/25 12:33	10/14/25 02:23	1
Carbon tetrachloride	0.00090	U	0.00090	0.00035	mg/Kg	☼	10/12/25 12:33	10/14/25 02:23	1
Chlorobenzene	0.00090	U	0.00090	0.00046	mg/Kg	☼	10/12/25 12:33	10/14/25 02:23	1
Chlorobromomethane	0.00090	U	0.00090	0.00054	mg/Kg	☼	10/12/25 12:33	10/14/25 02:23	1
Chlorodibromomethane	0.00090	U	0.00090	0.00048	mg/Kg	☼	10/12/25 12:33	10/14/25 02:23	1
Chloroethane	0.00090	U	0.00090	0.00047	mg/Kg	☼	10/12/25 12:33	10/14/25 02:23	1
Chloroform	0.00090	U	0.00090	0.00088	mg/Kg	☼	10/12/25 12:33	10/14/25 02:23	1
Chloromethane	0.00090	U	0.00090	0.00039	mg/Kg	☼	10/12/25 12:33	10/14/25 02:23	1
cis-1,2-Dichloroethene	0.00090	U	0.00090	0.00032	mg/Kg	☼	10/12/25 12:33	10/14/25 02:23	1
cis-1,3-Dichloropropene	0.00090	U	0.00090	0.00025	mg/Kg	☼	10/12/25 12:33	10/14/25 02:23	1
Cyclohexane	0.00090	U	0.00090	0.00020	mg/Kg	☼	10/12/25 12:33	10/14/25 02:23	1
Dichlorobromomethane	0.00090	U	0.00090	0.00023	mg/Kg	☼	10/12/25 12:33	10/14/25 02:23	1
Dichlorodifluoromethane	0.00090	U	0.00090	0.00030	mg/Kg	☼	10/12/25 12:33	10/14/25 02:23	1
Ethylbenzene	0.00090	U	0.00090	0.00042	mg/Kg	☼	10/12/25 12:33	10/14/25 02:23	1
Ethylene Dibromide	0.00090	U	0.00090	0.00045	mg/Kg	☼	10/12/25 12:33	10/14/25 02:23	1
Isopropylbenzene	0.00090	U	0.00090	0.00026	mg/Kg	☼	10/12/25 12:33	10/14/25 02:23	1
Methyl acetate	0.0045	U	0.0045	0.0039	mg/Kg	☼	10/12/25 12:33	10/14/25 02:23	1
Methyl tert-butyl ether	0.00090	U	0.00090	0.00046	mg/Kg	☼	10/12/25 12:33	10/14/25 02:23	1
Methylcyclohexane	0.00090	U	0.00090	0.00045	mg/Kg	☼	10/12/25 12:33	10/14/25 02:23	1
Methylene Chloride	0.0018	U	0.0018	0.0010	mg/Kg	☼	10/12/25 12:33	10/14/25 02:23	1
m-Xylene & p-Xylene	0.00090	U	0.00090	0.00038	mg/Kg	☼	10/12/25 12:33	10/14/25 02:23	1
n-Butylbenzene	0.00090	U	0.00090	0.00027	mg/Kg	☼	10/12/25 12:33	10/14/25 02:23	1
N-Propylbenzene	0.00090	U	0.00090	0.00040	mg/Kg	☼	10/12/25 12:33	10/14/25 02:23	1
o-Xylene	0.00090	U	0.00090	0.00042	mg/Kg	☼	10/12/25 12:33	10/14/25 02:23	1
sec-Butylbenzene	0.00090	U	0.00090	0.00026	mg/Kg	☼	10/12/25 12:33	10/14/25 02:23	1
Styrene	0.00090	U	0.00090	0.00025	mg/Kg	☼	10/12/25 12:33	10/14/25 02:23	1
tert-Butylbenzene	0.00090	U	0.00090	0.00025	mg/Kg	☼	10/12/25 12:33	10/14/25 02:23	1
Tetrachloroethene	0.00090	U	0.00090	0.00028	mg/Kg	☼	10/12/25 12:33	10/14/25 02:23	1
Toluene	**0.00043**	**J**	0.00090	0.00021	mg/Kg	☼	10/12/25 12:33	10/14/25 02:23	1
trans-1,2-Dichloroethene	0.00090	U	0.00090	0.00022	mg/Kg	☼	10/12/25 12:33	10/14/25 02:23	1
trans-1,3-Dichloropropene	0.00090	U	0.00090	0.00024	mg/Kg	☼	10/12/25 12:33	10/14/25 02:23	1
Trichloroethene	0.00090	U	0.00090	0.00029	mg/Kg	☼	10/12/25 12:33	10/14/25 02:23	1
Trichlorofluoromethane	0.00090	U	0.00090	0.00037	mg/Kg	☼	10/12/25 12:33	10/14/25 02:23	1
Vinyl chloride	0.00090	U	0.00090	0.00049	mg/Kg	☼	10/12/25 12:33	10/14/25 02:23	1
Xylenes, Total	0.0018	U	0.0018	0.00016	mg/Kg	☼	10/12/25 12:33	10/14/25 02:23	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,2-Dichloroethane-d4 (Surr)	*87*		*65 - 138*	*10/12/25 12:33*	*10/14/25 02:23*	*1*
4-Bromofluorobenzene	*99*		*71 - 128*	*10/12/25 12:33*	*10/14/25 02:23*	*1*
Dibromofluoromethane (Surr)	*98*		*50 - 150*	*10/12/25 12:33*	*10/14/25 02:23*	*1*
Toluene-d8 (Surr)	*100*		*71 - 126*	*10/12/25 12:33*	*10/14/25 02:23*	*1*

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Percent Moisture (EPA Moisture)	**8.1**		1.0	1.0	%			10/12/25 17:50	1
Percent Solids (EPA Moisture)	**91.9**		1.0	1.0	%			10/12/25 17:50	1

Client Sample ID: 3E3_13-14
Date Collected: 10/09/25 12:40
Date Received: 10/09/25 16:58

Lab Sample ID: 460-336881-37
Matrix: Solid
Percent Solids: 92.2

Method: SW846 8260D - Volatile Organic Compounds by GC/MS

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1-Trichloroethane	0.0011	U	0.0011	0.00025	mg/Kg	☼	10/12/25 12:34	10/14/25 02:47	1
1,1,2,2-Tetrachloroethane	0.0011	U	0.0011	0.00056	mg/Kg	☼	10/12/25 12:34	10/14/25 02:47	1
1,1,2-Trichloro-1,2,2-trifluoroethane	0.0011	U	0.0011	0.00032	mg/Kg	☼	10/12/25 12:34	10/14/25 02:47	1
1,1,2-Trichloroethane	0.0011	U	0.0011	0.00065	mg/Kg	☼	10/12/25 12:34	10/14/25 02:47	1
1,1-Dichloroethane	0.0011	U	0.0011	0.00064	mg/Kg	☼	10/12/25 12:34	10/14/25 02:47	1
1,1-Dichloroethene	0.0011	U	0.0011	0.00024	mg/Kg	☼	10/12/25 12:34	10/14/25 02:47	1
1,2,3-Trichlorobenzene	0.0011	U	0.0011	0.00079	mg/Kg	☼	10/12/25 12:34	10/14/25 02:47	1
1,2,4-Trichlorobenzene	0.0011	U	0.0011	0.00039	mg/Kg	☼	10/12/25 12:34	10/14/25 02:47	1
1,2,4-Trimethylbenzene	0.0011	U	0.0011	0.00026	mg/Kg	☼	10/12/25 12:34	10/14/25 02:47	1
1,2-Dibromo-3-Chloropropane	0.0011	U	0.0011	0.00050	mg/Kg	☼	10/12/25 12:34	10/14/25 02:47	1
1,2-Dichlorobenzene	0.0011	U	0.0011	0.00039	mg/Kg	☼	10/12/25 12:34	10/14/25 02:47	1
1,2-Dichloroethane	0.0011	U	0.0011	0.00032	mg/Kg	☼	10/12/25 12:34	10/14/25 02:47	1
1,2-Dichloropropane	0.0011	U	0.0011	0.00046	mg/Kg	☼	10/12/25 12:34	10/14/25 02:47	1
1,3,5-Trimethylbenzene	0.0011	U	0.0011	0.00034	mg/Kg	☼	10/12/25 12:34	10/14/25 02:47	1
1,3-Dichlorobenzene	0.0011	U	0.0011	0.00039	mg/Kg	☼	10/12/25 12:34	10/14/25 02:47	1
1,4-Dichlorobenzene	0.0011	U	0.0011	0.00056	mg/Kg	☼	10/12/25 12:34	10/14/25 02:47	1
2-Butanone (MEK)	0.0054	U	0.0054	0.00040	mg/Kg	☼	10/12/25 12:34	10/14/25 02:47	1
2-Hexanone	0.0054	U	0.0054	0.0018	mg/Kg	☼	10/12/25 12:34	10/14/25 02:47	1
4-Methyl-2-pentanone (MIBK)	0.0054	U	0.0054	0.0017	mg/Kg	☼	10/12/25 12:34	10/14/25 02:47	1
Acetone	0.0065	U	0.0065	0.0062	mg/Kg	☼	10/12/25 12:34	10/14/25 02:47	1
Benzene	0.0011	U	0.0011	0.00061	mg/Kg	☼	10/12/25 12:34	10/14/25 02:47	1
Bromoform	0.0011	U	0.0011	0.00046	mg/Kg	☼	10/12/25 12:34	10/14/25 02:47	1
Bromomethane	0.0022	U	0.0022	0.0011	mg/Kg	☼	10/12/25 12:34	10/14/25 02:47	1
Carbon disulfide	0.0011	U	0.0011	0.00029	mg/Kg	☼	10/12/25 12:34	10/14/25 02:47	1
Carbon tetrachloride	0.0011	U	0.0011	0.00042	mg/Kg	☼	10/12/25 12:34	10/14/25 02:47	1
Chlorobenzene	0.0011	U	0.0011	0.00055	mg/Kg	☼	10/12/25 12:34	10/14/25 02:47	1
Chlorobromomethane	0.0011	U	0.0011	0.00064	mg/Kg	☼	10/12/25 12:34	10/14/25 02:47	1
Chlorodibromomethane	0.0011	U	0.0011	0.00058	mg/Kg	☼	10/12/25 12:34	10/14/25 02:47	1
Chloroethane	0.0011	U	0.0011	0.00056	mg/Kg	☼	10/12/25 12:34	10/14/25 02:47	1
Chloroform	0.0011	U	0.0011	0.0010	mg/Kg	☼	10/12/25 12:34	10/14/25 02:47	1
Chloromethane	0.0011	U	0.0011	0.00047	mg/Kg	☼	10/12/25 12:34	10/14/25 02:47	1
cis-1,2-Dichloroethene	0.0011	U	0.0011	0.00039	mg/Kg	☼	10/12/25 12:34	10/14/25 02:47	1
cis-1,3-Dichloropropene	0.0011	U	0.0011	0.00029	mg/Kg	☼	10/12/25 12:34	10/14/25 02:47	1
Cyclohexane	0.0011	U	0.0011	0.00024	mg/Kg	☼	10/12/25 12:34	10/14/25 02:47	1
Dichlorobromomethane	0.0011	U	0.0011	0.00028	mg/Kg	☼	10/12/25 12:34	10/14/25 02:47	1
Dichlorodifluoromethane	0.0011	U	0.0011	0.00036	mg/Kg	☼	10/12/25 12:34	10/14/25 02:47	1
Ethylbenzene	0.0011	U	0.0011	0.00050	mg/Kg	☼	10/12/25 12:34	10/14/25 02:47	1
Ethylene Dibromide	0.0011	U	0.0011	0.00054	mg/Kg	☼	10/12/25 12:34	10/14/25 02:47	1
Isopropylbenzene	0.0011	U	0.0011	0.00031	mg/Kg	☼	10/12/25 12:34	10/14/25 02:47	1
Methyl acetate	0.0054	U	0.0054	0.0046	mg/Kg	☼	10/12/25 12:34	10/14/25 02:47	1
Methyl tert-butyl ether	0.0011	U	0.0011	0.00055	mg/Kg	☼	10/12/25 12:34	10/14/25 02:47	1
Methylcyclohexane	0.0011	U	0.0011	0.00054	mg/Kg	☼	10/12/25 12:34	10/14/25 02:47	1
Methylene Chloride	0.0022	U	0.0022	0.0012	mg/Kg	☼	10/12/25 12:34	10/14/25 02:47	1
m-Xylene & p-Xylene	0.0011	U	0.0011	0.00046	mg/Kg	☼	10/12/25 12:34	10/14/25 02:47	1
n-Butylbenzene	0.0011	U	0.0011	0.00032	mg/Kg	☼	10/12/25 12:34	10/14/25 02:47	1
N-Propylbenzene	0.0011	U	0.0011	0.00048	mg/Kg	☼	10/12/25 12:34	10/14/25 02:47	1
o-Xylene	0.0011	U	0.0011	0.00050	mg/Kg	☼	10/12/25 12:34	10/14/25 02:47	1
sec-Butylbenzene	0.0011	U	0.0011	0.00031	mg/Kg	☼	10/12/25 12:34	10/14/25 02:47	1
Styrene	0.0011	U	0.0011	0.00030	mg/Kg	☼	10/12/25 12:34	10/14/25 02:47	1

Client Sample ID: 3E3_13-14

Date Collected: 10/09/25 12:40
Date Received: 10/09/25 16:58

Lab Sample ID: 460-336881-37

Matrix: Solid
Percent Solids: 92.2

Method: SW846 8260D - Volatile Organic Compounds by GC/MS (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
tert-Butylbenzene	0.0011	U	0.0011	0.00030	mg/Kg	☼	10/12/25 12:34	10/14/25 02:47	1
Tetrachloroethene	0.0011	U	0.0011	0.00033	mg/Kg	☼	10/12/25 12:34	10/14/25 02:47	1
Toluene	**0.00058**	**J**	0.0011	0.00025	mg/Kg	☼	10/12/25 12:34	10/14/25 02:47	1
trans-1,2-Dichloroethene	0.0011	U	0.0011	0.00026	mg/Kg	☼	10/12/25 12:34	10/14/25 02:47	1
trans-1,3-Dichloropropene	0.0011	U	0.0011	0.00029	mg/Kg	☼	10/12/25 12:34	10/14/25 02:47	1
Trichloroethene	0.0011	U	0.0011	0.00035	mg/Kg	☼	10/12/25 12:34	10/14/25 02:47	1
Trichlorofluoromethane	0.0011	U	0.0011	0.00044	mg/Kg	☼	10/12/25 12:34	10/14/25 02:47	1
Vinyl chloride	0.0011	U	0.0011	0.00059	mg/Kg	☼	10/12/25 12:34	10/14/25 02:47	1
Xylenes, Total	0.0022	U	0.0022	0.00019	mg/Kg	☼	10/12/25 12:34	10/14/25 02:47	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,2-Dichloroethane-d4 (Surr)	*87*		*65 - 138*	*10/12/25 12:34*	*10/14/25 02:47*	*1*
4-Bromofluorobenzene	*96*		*71 - 128*	*10/12/25 12:34*	*10/14/25 02:47*	*1*
Dibromofluoromethane (Surr)	*98*		*50 - 150*	*10/12/25 12:34*	*10/14/25 02:47*	*1*
Toluene-d8 (Surr)	*99*		*71 - 126*	*10/12/25 12:34*	*10/14/25 02:47*	*1*

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Percent Moisture (EPA Moisture)	**7.8**		1.0	1.0	%			10/12/25 17:50	1
Percent Solids (EPA Moisture)	**92.2**		1.0	1.0	%			10/12/25 17:50	1

Client Sample ID: 3G1_1-2

Date Collected: 10/09/25 12:45
Date Received: 10/09/25 16:58

Lab Sample ID: 460-336881-38

Matrix: Solid
Percent Solids: 98.4

Method: SW846 8260D - Volatile Organic Compounds by GC/MS

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1-Trichloroethane	0.00095	U	0.00095	0.00022	mg/Kg	☼	10/12/25 12:34	10/14/25 03:11	1
1,1,2,2-Tetrachloroethane	0.00095	U	0.00095	0.00049	mg/Kg	☼	10/12/25 12:34	10/14/25 03:11	1
1,1,2-Trichloro-1,2,2-trifluoroethane	0.00095	U	0.00095	0.00029	mg/Kg	☼	10/12/25 12:34	10/14/25 03:11	1
1,1,2-Trichloroethane	0.00095	U	0.00095	0.00057	mg/Kg	☼	10/12/25 12:34	10/14/25 03:11	1
1,1-Dichloroethane	0.00095	U	0.00095	0.00057	mg/Kg	☼	10/12/25 12:34	10/14/25 03:11	1
1,1-Dichloroethene	0.00095	U	0.00095	0.00021	mg/Kg	☼	10/12/25 12:34	10/14/25 03:11	1
1,2,3-Trichlorobenzene	0.00095	U	0.00095	0.00070	mg/Kg	☼	10/12/25 12:34	10/14/25 03:11	1
1,2,4-Trichlorobenzene	0.00095	U	0.00095	0.00034	mg/Kg	☼	10/12/25 12:34	10/14/25 03:11	1
1,2,4-Trimethylbenzene	0.00095	U	0.00095	0.00023	mg/Kg	☼	10/12/25 12:34	10/14/25 03:11	1
1,2-Dibromo-3-Chloropropane	0.00095	U	0.00095	0.00044	mg/Kg	☼	10/12/25 12:34	10/14/25 03:11	1
1,2-Dichlorobenzene	0.00095	U	0.00095	0.00034	mg/Kg	☼	10/12/25 12:34	10/14/25 03:11	1
1,2-Dichloroethane	0.00095	U	0.00095	0.00028	mg/Kg	☼	10/12/25 12:34	10/14/25 03:11	1
1,2-Dichloropropane	0.00095	U	0.00095	0.00040	mg/Kg	☼	10/12/25 12:34	10/14/25 03:11	1
1,3,5-Trimethylbenzene	0.00095	U	0.00095	0.00030	mg/Kg	☼	10/12/25 12:34	10/14/25 03:11	1
1,3-Dichlorobenzene	0.00095	U	0.00095	0.00035	mg/Kg	☼	10/12/25 12:34	10/14/25 03:11	1
1,4-Dichlorobenzene	0.00095	U	0.00095	0.00049	mg/Kg	☼	10/12/25 12:34	10/14/25 03:11	1
2-Butanone (MEK)	0.0047	U	0.0047	0.00035	mg/Kg	☼	10/12/25 12:34	10/14/25 03:11	1
2-Hexanone	0.0047	U	0.0047	0.0016	mg/Kg	☼	10/12/25 12:34	10/14/25 03:11	1
4-Methyl-2-pentanone (MIBK)	0.0047	U	0.0047	0.0015	mg/Kg	☼	10/12/25 12:34	10/14/25 03:11	1
Acetone	0.0057	U	0.0057	0.0054	mg/Kg	☼	10/12/25 12:34	10/14/25 03:11	1
Benzene	0.00095	U	0.00095	0.00054	mg/Kg	☼	10/12/25 12:34	10/14/25 03:11	1
Bromoform	0.00095	U	0.00095	0.00040	mg/Kg	☼	10/12/25 12:34	10/14/25 03:11	1
Bromomethane	0.0019	U	0.0019	0.00095	mg/Kg	☼	10/12/25 12:34	10/14/25 03:11	1

Client Sample ID: 3G1_1-2
Date Collected: 10/09/25 12:45
Date Received: 10/09/25 16:58

Lab Sample ID: 460-336881-38
Matrix: Solid
Percent Solids: 98.4

Method: SW846 8260D - Volatile Organic Compounds by GC/MS (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Carbon disulfide	0.00095	U	0.00095	0.00025	mg/Kg	☼	10/12/25 12:34	10/14/25 03:11	1
Carbon tetrachloride	0.00095	U	0.00095	0.00037	mg/Kg	☼	10/12/25 12:34	10/14/25 03:11	1
Chlorobenzene	0.00095	U	0.00095	0.00048	mg/Kg	☼	10/12/25 12:34	10/14/25 03:11	1
Chlorobromomethane	0.00095	U	0.00095	0.00056	mg/Kg	☼	10/12/25 12:34	10/14/25 03:11	1
Chlorodibromomethane	0.00095	U	0.00095	0.00051	mg/Kg	☼	10/12/25 12:34	10/14/25 03:11	1
Chloroethane	0.00095	U	0.00095	0.00049	mg/Kg	☼	10/12/25 12:34	10/14/25 03:11	1
Chloroform	0.00095	U	0.00095	0.00092	mg/Kg	☼	10/12/25 12:34	10/14/25 03:11	1
Chloromethane	0.00095	U	0.00095	0.00041	mg/Kg	☼	10/12/25 12:34	10/14/25 03:11	1
cis-1,2-Dichloroethene	0.00095	U	0.00095	0.00034	mg/Kg	☼	10/12/25 12:34	10/14/25 03:11	1
cis-1,3-Dichloropropene	0.00095	U	0.00095	0.00026	mg/Kg	☼	10/12/25 12:34	10/14/25 03:11	1
Cyclohexane	0.00095	U	0.00095	0.00021	mg/Kg	☼	10/12/25 12:34	10/14/25 03:11	1
Dichlorobromomethane	0.00095	U	0.00095	0.00024	mg/Kg	☼	10/12/25 12:34	10/14/25 03:11	1
Dichlorodifluoromethane	0.00095	U	0.00095	0.00032	mg/Kg	☼	10/12/25 12:34	10/14/25 03:11	1
Ethylbenzene	0.00095	U	0.00095	0.00044	mg/Kg	☼	10/12/25 12:34	10/14/25 03:11	1
Ethylene Dibromide	0.00095	U	0.00095	0.00048	mg/Kg	☼	10/12/25 12:34	10/14/25 03:11	1
Isopropylbenzene	0.00095	U	0.00095	0.00027	mg/Kg	☼	10/12/25 12:34	10/14/25 03:11	1
Methyl acetate	0.0047	U	0.0047	0.0041	mg/Kg	☼	10/12/25 12:34	10/14/25 03:11	1
Methyl tert-butyl ether	0.00095	U	0.00095	0.00049	mg/Kg	☼	10/12/25 12:34	10/14/25 03:11	1
Methylcyclohexane	0.00095	U	0.00095	0.00047	mg/Kg	☼	10/12/25 12:34	10/14/25 03:11	1
Methylene Chloride	**0.0046**		0.0019	0.0011	mg/Kg	☼	10/12/25 12:34	10/14/25 03:11	1
m-Xylene & p-Xylene	0.00095	U	0.00095	0.00040	mg/Kg	☼	10/12/25 12:34	10/14/25 03:11	1
n-Butylbenzene	0.00095	U	0.00095	0.00028	mg/Kg	☼	10/12/25 12:34	10/14/25 03:11	1
N-Propylbenzene	0.00095	U	0.00095	0.00043	mg/Kg	☼	10/12/25 12:34	10/14/25 03:11	1
o-Xylene	0.00095	U	0.00095	0.00044	mg/Kg	☼	10/12/25 12:34	10/14/25 03:11	1
sec-Butylbenzene	0.00095	U	0.00095	0.00027	mg/Kg	☼	10/12/25 12:34	10/14/25 03:11	1
Styrene	0.00095	U	0.00095	0.00026	mg/Kg	☼	10/12/25 12:34	10/14/25 03:11	1
tert-Butylbenzene	0.00095	U	0.00095	0.00026	mg/Kg	☼	10/12/25 12:34	10/14/25 03:11	1
Tetrachloroethene	0.00095	U	0.00095	0.00029	mg/Kg	☼	10/12/25 12:34	10/14/25 03:11	1
Toluene	0.00095	U	0.00095	0.00022	mg/Kg	☼	10/12/25 12:34	10/14/25 03:11	1
trans-1,2-Dichloroethene	0.00095	U	0.00095	0.00023	mg/Kg	☼	10/12/25 12:34	10/14/25 03:11	1
trans-1,3-Dichloropropene	0.00095	U	0.00095	0.00025	mg/Kg	☼	10/12/25 12:34	10/14/25 03:11	1
Trichloroethene	0.00095	U	0.00095	0.00030	mg/Kg	☼	10/12/25 12:34	10/14/25 03:11	1
Trichlorofluoromethane	0.00095	U	0.00095	0.00038	mg/Kg	☼	10/12/25 12:34	10/14/25 03:11	1
Vinyl chloride	0.00095	U	0.00095	0.00052	mg/Kg	☼	10/12/25 12:34	10/14/25 03:11	1
Xylenes, Total	0.0019	U	0.0019	0.00016	mg/Kg	☼	10/12/25 12:34	10/14/25 03:11	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,2-Dichloroethane-d4 (Surr)	*86*		*65 - 138*	*10/12/25 12:34*	*10/14/25 03:11*	*1*
4-Bromofluorobenzene	*92*		*71 - 128*	*10/12/25 12:34*	*10/14/25 03:11*	*1*
Dibromofluoromethane (Surr)	*98*		*50 - 150*	*10/12/25 12:34*	*10/14/25 03:11*	*1*
Toluene-d8 (Surr)	*98*		*71 - 126*	*10/12/25 12:34*	*10/14/25 03:11*	*1*

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Percent Moisture (EPA Moisture)	**1.6**		1.0	1.0	%			10/12/25 17:50	1
Percent Solids (EPA Moisture)	**98.4**		1.0	1.0	%			10/12/25 17:50	1

Client Sample ID: 3G2_4-5
Date Collected: 10/09/25 12:50
Date Received: 10/09/25 16:58

Lab Sample ID: 460-336881-39
Matrix: Solid
Percent Solids: 94.6

Method: SW846 8260D - Volatile Organic Compounds by GC/MS

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1-Trichloroethane	0.0011	U	0.0011	0.00026	mg/Kg	☼	10/12/25 12:34	10/14/25 03:35	1
1,1,2,2-Tetrachloroethane	0.0011	U	0.0011	0.00059	mg/Kg	☼	10/12/25 12:34	10/14/25 03:35	1
1,1,2-Trichloro-1,2,2-trifluoroethane	0.0011	U	0.0011	0.00034	mg/Kg	☼	10/12/25 12:34	10/14/25 03:35	1
1,1,2-Trichloroethane	0.0011	U	0.0011	0.00068	mg/Kg	☼	10/12/25 12:34	10/14/25 03:35	1
1,1-Dichloroethane	0.0011	U	0.0011	0.00067	mg/Kg	☼	10/12/25 12:34	10/14/25 03:35	1
1,1-Dichloroethene	0.0011	U	0.0011	0.00025	mg/Kg	☼	10/12/25 12:34	10/14/25 03:35	1
1,2,3-Trichlorobenzene	0.0011	U	0.0011	0.00083	mg/Kg	☼	10/12/25 12:34	10/14/25 03:35	1
1,2,4-Trichlorobenzene	0.0011	U	0.0011	0.00040	mg/Kg	☼	10/12/25 12:34	10/14/25 03:35	1
1,2,4-Trimethylbenzene	0.0011	U	0.0011	0.00028	mg/Kg	☼	10/12/25 12:34	10/14/25 03:35	1
1,2-Dibromo-3-Chloropropane	0.0011	U	0.0011	0.00052	mg/Kg	☼	10/12/25 12:34	10/14/25 03:35	1
1,2-Dichlorobenzene	0.0011	U	0.0011	0.00041	mg/Kg	☼	10/12/25 12:34	10/14/25 03:35	1
1,2-Dichloroethane	0.0011	U	0.0011	0.00033	mg/Kg	☼	10/12/25 12:34	10/14/25 03:35	1
1,2-Dichloropropane	0.0011	U	0.0011	0.00048	mg/Kg	☼	10/12/25 12:34	10/14/25 03:35	1
1,3,5-Trimethylbenzene	0.0011	U	0.0011	0.00035	mg/Kg	☼	10/12/25 12:34	10/14/25 03:35	1
1,3-Dichlorobenzene	0.0011	U	0.0011	0.00041	mg/Kg	☼	10/12/25 12:34	10/14/25 03:35	1
1,4-Dichlorobenzene	0.0011	U	0.0011	0.00059	mg/Kg	☼	10/12/25 12:34	10/14/25 03:35	1
2-Butanone (MEK)	0.0056	U	0.0056	0.00042	mg/Kg	☼	10/12/25 12:34	10/14/25 03:35	1
2-Hexanone	0.0056	U	0.0056	0.0019	mg/Kg	☼	10/12/25 12:34	10/14/25 03:35	1
4-Methyl-2-pentanone (MIBK)	0.0056	U	0.0056	0.0018	mg/Kg	☼	10/12/25 12:34	10/14/25 03:35	1
Acetone	0.0068	U	0.0068	0.0065	mg/Kg	☼	10/12/25 12:34	10/14/25 03:35	1
Benzene	0.0011	U	0.0011	0.00064	mg/Kg	☼	10/12/25 12:34	10/14/25 03:35	1
Bromoform	0.0011	U	0.0011	0.00048	mg/Kg	☼	10/12/25 12:34	10/14/25 03:35	1
Bromomethane	0.0023	U	0.0023	0.0011	mg/Kg	☼	10/12/25 12:34	10/14/25 03:35	1
Carbon disulfide	0.0011	U	0.0011	0.00030	mg/Kg	☼	10/12/25 12:34	10/14/25 03:35	1
Carbon tetrachloride	0.0011	U	0.0011	0.00044	mg/Kg	☼	10/12/25 12:34	10/14/25 03:35	1
Chlorobenzene	0.0011	U	0.0011	0.00057	mg/Kg	☼	10/12/25 12:34	10/14/25 03:35	1
Chlorobromomethane	0.0011	U	0.0011	0.00067	mg/Kg	☼	10/12/25 12:34	10/14/25 03:35	1
Chlorodibromomethane	0.0011	U	0.0011	0.00061	mg/Kg	☼	10/12/25 12:34	10/14/25 03:35	1
Chloroethane	0.0011	U	0.0011	0.00059	mg/Kg	☼	10/12/25 12:34	10/14/25 03:35	1
Chloroform	0.0011	U	0.0011	0.0011	mg/Kg	☼	10/12/25 12:34	10/14/25 03:35	1
Chloromethane	0.0011	U	0.0011	0.00049	mg/Kg	☼	10/12/25 12:34	10/14/25 03:35	1
cis-1,2-Dichloroethene	0.0011	U	0.0011	0.00040	mg/Kg	☼	10/12/25 12:34	10/14/25 03:35	1
cis-1,3-Dichloropropene	0.0011	U	0.0011	0.00031	mg/Kg	☼	10/12/25 12:34	10/14/25 03:35	1
Cyclohexane	0.0011	U	0.0011	0.00025	mg/Kg	☼	10/12/25 12:34	10/14/25 03:35	1
Dichlorobromomethane	0.0011	U	0.0011	0.00029	mg/Kg	☼	10/12/25 12:34	10/14/25 03:35	1
Dichlorodifluoromethane	0.0011	U	0.0011	0.00038	mg/Kg	☼	10/12/25 12:34	10/14/25 03:35	1
Ethylbenzene	0.0011	U	0.0011	0.00053	mg/Kg	☼	10/12/25 12:34	10/14/25 03:35	1
Ethylene Dibromide	0.0011	U	0.0011	0.00057	mg/Kg	☼	10/12/25 12:34	10/14/25 03:35	1
Isopropylbenzene	0.0011	U	0.0011	0.00032	mg/Kg	☼	10/12/25 12:34	10/14/25 03:35	1
Methyl acetate	0.0056	U	0.0056	0.0049	mg/Kg	☼	10/12/25 12:34	10/14/25 03:35	1
Methyl tert-butyl ether	0.0011	U	0.0011	0.00058	mg/Kg	☼	10/12/25 12:34	10/14/25 03:35	1
Methylcyclohexane	0.0011	U	0.0011	0.00056	mg/Kg	☼	10/12/25 12:34	10/14/25 03:35	1
Methylene Chloride	**0.0033**		0.0023	0.0013	mg/Kg	☼	10/12/25 12:34	10/14/25 03:35	1
m-Xylene & p-Xylene	0.0011	U	0.0011	0.00048	mg/Kg	☼	10/12/25 12:34	10/14/25 03:35	1
n-Butylbenzene	0.0011	U	0.0011	0.00033	mg/Kg	☼	10/12/25 12:34	10/14/25 03:35	1
N-Propylbenzene	0.0011	U	0.0011	0.00051	mg/Kg	☼	10/12/25 12:34	10/14/25 03:35	1
o-Xylene	0.0011	U	0.0011	0.00052	mg/Kg	☼	10/12/25 12:34	10/14/25 03:35	1
sec-Butylbenzene	0.0011	U	0.0011	0.00032	mg/Kg	☼	10/12/25 12:34	10/14/25 03:35	1
Styrene	0.0011	U	0.0011	0.00031	mg/Kg	☼	10/12/25 12:34	10/14/25 03:35	1

Client Sample ID: 3G2_4-5

Lab Sample ID: 460-336881-39
Date Collected: 10/09/25 12:50
Matrix: Solid
Date Received: 10/09/25 16:58
Percent Solids: 94.6

Method: SW846 8260D - Volatile Organic Compounds by GC/MS (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
tert-Butylbenzene	0.0011	U	0.0011	0.00031	mg/Kg	☼	10/12/25 12:34	10/14/25 03:35	1
Tetrachloroethene	0.0011	U	0.0011	0.00034	mg/Kg	☼	10/12/25 12:34	10/14/25 03:35	1
Toluene	**0.00043**	**J**	0.0011	0.00026	mg/Kg	☼	10/12/25 12:34	10/14/25 03:35	1
trans-1,2-Dichloroethene	0.0011	U	0.0011	0.00028	mg/Kg	☼	10/12/25 12:34	10/14/25 03:35	1
trans-1,3-Dichloropropene	0.0011	U	0.0011	0.00030	mg/Kg	☼	10/12/25 12:34	10/14/25 03:35	1
Trichloroethene	0.0011	U	0.0011	0.00036	mg/Kg	☼	10/12/25 12:34	10/14/25 03:35	1
Trichlorofluoromethane	0.0011	U	0.0011	0.00046	mg/Kg	☼	10/12/25 12:34	10/14/25 03:35	1
Vinyl chloride	0.0011	U	0.0011	0.00062	mg/Kg	☼	10/12/25 12:34	10/14/25 03:35	1
Xylenes, Total	0.0023	U	0.0023	0.00020	mg/Kg	☼	10/12/25 12:34	10/14/25 03:35	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,2-Dichloroethane-d4 (Surr)	*88*		*65 - 138*	*10/12/25 12:34*	*10/14/25 03:35*	*1*
4-Bromofluorobenzene	*93*		*71 - 128*	*10/12/25 12:34*	*10/14/25 03:35*	*1*
Dibromofluoromethane (Surr)	*99*		*50 - 150*	*10/12/25 12:34*	*10/14/25 03:35*	*1*
Toluene-d8 (Surr)	*99*		*71 - 126*	*10/12/25 12:34*	*10/14/25 03:35*	*1*

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Percent Moisture (EPA Moisture)	**5.4**		1.0	1.0	%			10/12/25 17:50	1
Percent Solids (EPA Moisture)	**94.6**		1.0	1.0	%			10/12/25 17:50	1

Client Sample ID: 3G3_3-4

Lab Sample ID: 460-336881-40
Date Collected: 10/09/25 12:55
Matrix: Solid
Date Received: 10/09/25 16:58
Percent Solids: 95.1

Method: SW846 8260D - Volatile Organic Compounds by GC/MS

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1-Trichloroethane	0.0015	U	0.0015	0.00036	mg/Kg	☼	10/12/25 12:34	10/20/25 14:26	1
1,1,2,2-Tetrachloroethane	0.0015	U	0.0015	0.00081	mg/Kg	☼	10/12/25 12:34	10/20/25 14:26	1
1,1,2-Trichloro-1,2,2-trifluoroethane	0.0015	U	0.0015	0.00047	mg/Kg	☼	10/12/25 12:34	10/20/25 14:26	1
1,1,2-Trichloroethane	0.0015	U	0.0015	0.00093	mg/Kg	☼	10/12/25 12:34	10/20/25 14:26	1
1,1-Dichloroethane	0.0015	U	0.0015	0.00092	mg/Kg	☼	10/12/25 12:34	10/20/25 14:26	1
1,1-Dichloroethene	0.0015	U	0.0015	0.00035	mg/Kg	☼	10/12/25 12:34	10/20/25 14:26	1
1,2,3-Trichlorobenzene	0.0015	U	0.0015	0.0011	mg/Kg	☼	10/12/25 12:34	10/20/25 14:26	1
1,2,4-Trichlorobenzene	0.0015	U	0.0015	0.00055	mg/Kg	☼	10/12/25 12:34	10/20/25 14:26	1
1,2,4-Trimethylbenzene	0.0015	U	0.0015	0.00038	mg/Kg	☼	10/12/25 12:34	10/20/25 14:26	1
1,2-Dibromo-3-Chloropropane	0.0015	U	0.0015	0.00071	mg/Kg	☼	10/12/25 12:34	10/20/25 14:26	1
1,2-Dichlorobenzene	0.0015	U	0.0015	0.00056	mg/Kg	☼	10/12/25 12:34	10/20/25 14:26	1
1,2-Dichloroethane	0.0015	U	0.0015	0.00046	mg/Kg	☼	10/12/25 12:34	10/20/25 14:26	1
1,2-Dichloropropane	0.0015	U	0.0015	0.00065	mg/Kg	☼	10/12/25 12:34	10/20/25 14:26	1
1,3,5-Trimethylbenzene	0.0015	U	0.0015	0.00049	mg/Kg	☼	10/12/25 12:34	10/20/25 14:26	1
1,3-Dichlorobenzene	0.0015	U *	0.0015	0.00056	mg/Kg	☼	10/12/25 12:34	10/20/25 14:26	1
1,4-Dichlorobenzene	0.0015	U	0.0015	0.00080	mg/Kg	☼	10/12/25 12:34	10/20/25 14:26	1
2-Butanone (MEK)	0.0077	U	0.0077	0.00057	mg/Kg	☼	10/12/25 12:34	10/20/25 14:26	1
2-Hexanone	0.0077	U	0.0077	0.0026	mg/Kg	☼	10/12/25 12:34	10/20/25 14:26	1
4-Methyl-2-pentanone (MIBK)	0.0077	U	0.0077	0.0024	mg/Kg	☼	10/12/25 12:34	10/20/25 14:26	1
Acetone	0.0093	U	0.0093	0.0088	mg/Kg	☼	10/12/25 12:34	10/20/25 14:26	1
Benzene	0.0015	U	0.0015	0.00088	mg/Kg	☼	10/12/25 12:34	10/20/25 14:26	1
Bromoform	0.0015	U	0.0015	0.00066	mg/Kg	☼	10/12/25 12:34	10/20/25 14:26	1
Bromomethane	0.0031	U	0.0031	0.0015	mg/Kg	☼	10/12/25 12:34	10/20/25 14:26	1

Client Sample ID: 3G3_3-4
Date Collected: 10/09/25 12:55
Date Received: 10/09/25 16:58

Lab Sample ID: 460-336881-40
Matrix: Solid
Percent Solids: 95.1

Method: SW846 8260D - Volatile Organic Compounds by GC/MS (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Carbon disulfide	0.0015	U	0.0015	0.00041	mg/Kg	☼	10/12/25 12:34	10/20/25 14:26	1
Carbon tetrachloride	0.0015	U	0.0015	0.00060	mg/Kg	☼	10/12/25 12:34	10/20/25 14:26	1
Chlorobenzene	0.0015	U	0.0015	0.00078	mg/Kg	☼	10/12/25 12:34	10/20/25 14:26	1
Chlorobromomethane	0.0015	U	0.0015	0.00092	mg/Kg	☼	10/12/25 12:34	10/20/25 14:26	1
Chlorodibromomethane	0.0015	U	0.0015	0.00083	mg/Kg	☼	10/12/25 12:34	10/20/25 14:26	1
Chloroethane	0.0015	U	0.0015	0.00081	mg/Kg	☼	10/12/25 12:34	10/20/25 14:26	1
Chloroform	0.0015	U	0.0015	0.0015	mg/Kg	☼	10/12/25 12:34	10/20/25 14:26	1
Chloromethane	0.0015	U	0.0015	0.00067	mg/Kg	☼	10/12/25 12:34	10/20/25 14:26	1
cis-1,2-Dichloroethene	0.0015	U	0.0015	0.00055	mg/Kg	☼	10/12/25 12:34	10/20/25 14:26	1
cis-1,3-Dichloropropene	0.0015	U	0.0015	0.00042	mg/Kg	☼	10/12/25 12:34	10/20/25 14:26	1
Cyclohexane	0.0015	U	0.0015	0.00034	mg/Kg	☼	10/12/25 12:34	10/20/25 14:26	1
Dichlorobromomethane	0.0015	U	0.0015	0.00040	mg/Kg	☼	10/12/25 12:34	10/20/25 14:26	1
Dichlorodifluoromethane	0.0015	U	0.0015	0.00052	mg/Kg	☼	10/12/25 12:34	10/20/25 14:26	1
Ethylbenzene	0.0015	U	0.0015	0.00072	mg/Kg	☼	10/12/25 12:34	10/20/25 14:26	1
Ethylene Dibromide	0.0015	U	0.0015	0.00078	mg/Kg	☼	10/12/25 12:34	10/20/25 14:26	1
Isopropylbenzene	0.0015	U	0.0015	0.00044	mg/Kg	☼	10/12/25 12:34	10/20/25 14:26	1
Methyl acetate	0.0077	U	0.0077	0.0066	mg/Kg	☼	10/12/25 12:34	10/20/25 14:26	1
Methyl tert-butyl ether	0.0015	U	0.0015	0.00079	mg/Kg	☼	10/12/25 12:34	10/20/25 14:26	1
Methylcyclohexane	0.0015	U	0.0015	0.00077	mg/Kg	☼	10/12/25 12:34	10/20/25 14:26	1
Methylene Chloride	0.0031	U	0.0031	0.0018	mg/Kg	☼	10/12/25 12:34	10/20/25 14:26	1
m-Xylene & p-Xylene	0.0015	U	0.0015	0.00065	mg/Kg	☼	10/12/25 12:34	10/20/25 14:26	1
n-Butylbenzene	0.0015	U *	0.0015	0.00045	mg/Kg	☼	10/12/25 12:34	10/20/25 14:26	1
N-Propylbenzene	0.0015	U	0.0015	0.00069	mg/Kg	☼	10/12/25 12:34	10/20/25 14:26	1
o-Xylene	0.0015	U	0.0015	0.00071	mg/Kg	☼	10/12/25 12:34	10/20/25 14:26	1
sec-Butylbenzene	0.0015	U *	0.0015	0.00045	mg/Kg	☼	10/12/25 12:34	10/20/25 14:26	1
Styrene	0.0015	U	0.0015	0.00043	mg/Kg	☼	10/12/25 12:34	10/20/25 14:26	1
tert-Butylbenzene	0.0015	U	0.0015	0.00043	mg/Kg	☼	10/12/25 12:34	10/20/25 14:26	1
Tetrachloroethene	0.0015	U	0.0015	0.00047	mg/Kg	☼	10/12/25 12:34	10/20/25 14:26	1
Toluene	0.0015	U	0.0015	0.00036	mg/Kg	☼	10/12/25 12:34	10/20/25 14:26	1
trans-1,2-Dichloroethene	0.0015	U	0.0015	0.00038	mg/Kg	☼	10/12/25 12:34	10/20/25 14:26	1
trans-1,3-Dichloropropene	0.0015	U	0.0015	0.00041	mg/Kg	☼	10/12/25 12:34	10/20/25 14:26	1
Trichloroethene	0.0015	U	0.0015	0.00050	mg/Kg	☼	10/12/25 12:34	10/20/25 14:26	1
Trichlorofluoromethane	0.0015	U	0.0015	0.00063	mg/Kg	☼	10/12/25 12:34	10/20/25 14:26	1
Vinyl chloride	0.0015	U	0.0015	0.00084	mg/Kg	☼	10/12/25 12:34	10/20/25 14:26	1
Xylenes, Total	0.0031	U	0.0031	0.00027	mg/Kg	☼	10/12/25 12:34	10/20/25 14:26	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,2-Dichloroethane-d4 (Surr)	*105*		*65 - 138*	*10/12/25 12:34*	*10/20/25 14:26*	*1*
4-Bromofluorobenzene	*120*		*71 - 128*	*10/12/25 12:34*	*10/20/25 14:26*	*1*
Dibromofluoromethane (Surr)	*96*		*50 - 150*	*10/12/25 12:34*	*10/20/25 14:26*	*1*
Toluene-d8 (Surr)	*107*		*71 - 126*	*10/12/25 12:34*	*10/20/25 14:26*	*1*

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Percent Moisture (EPA Moisture)	**4.9**		1.0	1.0	%			10/12/25 17:50	1
Percent Solids (EPA Moisture)	**95.1**		1.0	1.0	%			10/12/25 17:50	1

Client: Haley & Aldrich, Inc.
Project/Site: Former Port Mobil

Job ID: 460-336881-1

Client Sample ID: 3G1_7-8
Date Collected: 10/09/25 13:00
Date Received: 10/09/25 16:58

Lab Sample ID: 460-336881-41
Matrix: Solid
Percent Solids: 94.0

Method: SW846 8260D - Volatile Organic Compounds by GC/MS

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1-Trichloroethane	0.0033	U	0.0033	0.00078	mg/Kg	☼	10/12/25 12:34	10/14/25 04:23	1
1,1,2,2-Tetrachloroethane	0.0033	U	0.0033	0.0017	mg/Kg	☼	10/12/25 12:34	10/14/25 04:23	1
1,1,2-Trichloro-1,2,2-trifluoroethane	0.0033	U	0.0033	0.0010	mg/Kg	☼	10/12/25 12:34	10/14/25 04:23	1
1,1,2-Trichloroethane	0.0033	U	0.0033	0.0020	mg/Kg	☼	10/12/25 12:34	10/14/25 04:23	1
1,1-Dichloroethane	0.0033	U	0.0033	0.0020	mg/Kg	☼	10/12/25 12:34	10/14/25 04:23	1
1,1-Dichloroethene	0.0033	U	0.0033	0.00075	mg/Kg	☼	10/12/25 12:34	10/14/25 04:23	1
1,2,3-Trichlorobenzene	0.0033	U	0.0033	0.0025	mg/Kg	☼	10/12/25 12:34	10/14/25 04:23	1
1,2,4-Trichlorobenzene	0.0033	U	0.0033	0.0012	mg/Kg	☼	10/12/25 12:34	10/14/25 04:23	1
1,2,4-Trimethylbenzene	0.0033	U	0.0033	0.00082	mg/Kg	☼	10/12/25 12:34	10/14/25 04:23	1
1,2-Dibromo-3-Chloropropane	0.0033	U	0.0033	0.0015	mg/Kg	☼	10/12/25 12:34	10/14/25 04:23	1
1,2-Dichlorobenzene	0.0033	U	0.0033	0.0012	mg/Kg	☼	10/12/25 12:34	10/14/25 04:23	1
1,2-Dichloroethane	0.0033	U	0.0033	0.00099	mg/Kg	☼	10/12/25 12:34	10/14/25 04:23	1
1,2-Dichloropropane	0.0033	U	0.0033	0.0014	mg/Kg	☼	10/12/25 12:34	10/14/25 04:23	1
1,3,5-Trimethylbenzene	0.0033	U	0.0033	0.0010	mg/Kg	☼	10/12/25 12:34	10/14/25 04:23	1
1,3-Dichlorobenzene	0.0033	U	0.0033	0.0012	mg/Kg	☼	10/12/25 12:34	10/14/25 04:23	1
1,4-Dichlorobenzene	0.0033	U	0.0033	0.0017	mg/Kg	☼	10/12/25 12:34	10/14/25 04:23	1
2-Butanone (MEK)	0.017	U	0.017	0.0012	mg/Kg	☼	10/12/25 12:34	10/14/25 04:23	1
2-Hexanone	0.017	U	0.017	0.0057	mg/Kg	☼	10/12/25 12:34	10/14/25 04:23	1
4-Methyl-2-pentanone (MIBK)	0.017	U	0.017	0.0052	mg/Kg	☼	10/12/25 12:34	10/14/25 04:23	1
Acetone	0.020	U	0.020	0.019	mg/Kg	☼	10/12/25 12:34	10/14/25 04:23	1
Benzene	0.0033	U	0.0033	0.0019	mg/Kg	☼	10/12/25 12:34	10/14/25 04:23	1
Bromoform	0.0033	U	0.0033	0.0014	mg/Kg	☼	10/12/25 12:34	10/14/25 04:23	1
Bromomethane	0.0067	U	0.0067	0.0033	mg/Kg	☼	10/12/25 12:34	10/14/25 04:23	1
Carbon disulfide	0.0033	U	0.0033	0.00089	mg/Kg	☼	10/12/25 12:34	10/14/25 04:23	1
Carbon tetrachloride	0.0033	U	0.0033	0.0013	mg/Kg	☼	10/12/25 12:34	10/14/25 04:23	1
Chlorobenzene	0.0033	U	0.0033	0.0017	mg/Kg	☼	10/12/25 12:34	10/14/25 04:23	1
Chlorobromomethane	0.0033	U	0.0033	0.0020	mg/Kg	☼	10/12/25 12:34	10/14/25 04:23	1
Chlorodibromomethane	0.0033	U	0.0033	0.0018	mg/Kg	☼	10/12/25 12:34	10/14/25 04:23	1
Chloroethane	0.0033	U	0.0033	0.0017	mg/Kg	☼	10/12/25 12:34	10/14/25 04:23	1
Chloroform	0.0033	U	0.0033	0.0032	mg/Kg	☼	10/12/25 12:34	10/14/25 04:23	1
Chloromethane	0.0033	U	0.0033	0.0015	mg/Kg	☼	10/12/25 12:34	10/14/25 04:23	1
cis-1,2-Dichloroethene	0.0033	U	0.0033	0.0012	mg/Kg	☼	10/12/25 12:34	10/14/25 04:23	1
cis-1,3-Dichloropropene	0.0033	U	0.0033	0.00091	mg/Kg	☼	10/12/25 12:34	10/14/25 04:23	1
Cyclohexane	0.0033	U	0.0033	0.00074	mg/Kg	☼	10/12/25 12:34	10/14/25 04:23	1
Dichlorobromomethane	0.0033	U	0.0033	0.00086	mg/Kg	☼	10/12/25 12:34	10/14/25 04:23	1
Dichlorodifluoromethane	0.0033	U	0.0033	0.0011	mg/Kg	☼	10/12/25 12:34	10/14/25 04:23	1
Ethylbenzene	0.0033	U	0.0033	0.0016	mg/Kg	☼	10/12/25 12:34	10/14/25 04:23	1
Ethylene Dibromide	0.0033	U	0.0033	0.0017	mg/Kg	☼	10/12/25 12:34	10/14/25 04:23	1
Isopropylbenzene	0.0033	U	0.0033	0.00095	mg/Kg	☼	10/12/25 12:34	10/14/25 04:23	1
Methyl acetate	0.017	U	0.017	0.014	mg/Kg	☼	10/12/25 12:34	10/14/25 04:23	1
Methyl tert-butyl ether	0.0033	U	0.0033	0.0017	mg/Kg	☼	10/12/25 12:34	10/14/25 04:23	1
Methylcyclohexane	0.0033	U	0.0033	0.0017	mg/Kg	☼	10/12/25 12:34	10/14/25 04:23	1
Methylene Chloride	0.0067	U	0.0067	0.0038	mg/Kg	☼	10/12/25 12:34	10/14/25 04:23	1
m-Xylene & p-Xylene	0.0033	U	0.0033	0.0014	mg/Kg	☼	10/12/25 12:34	10/14/25 04:23	1
n-Butylbenzene	0.0033	U	0.0033	0.00098	mg/Kg	☼	10/12/25 12:34	10/14/25 04:23	1
N-Propylbenzene	0.0033	U	0.0033	0.0015	mg/Kg	☼	10/12/25 12:34	10/14/25 04:23	1
o-Xylene	0.0033	U	0.0033	0.0015	mg/Kg	☼	10/12/25 12:34	10/14/25 04:23	1
sec-Butylbenzene	0.0033	U	0.0033	0.00096	mg/Kg	☼	10/12/25 12:34	10/14/25 04:23	1
Styrene	0.0033	U	0.0033	0.00093	mg/Kg	☼	10/12/25 12:34	10/14/25 04:23	1

Client Sample ID: 3G1_7-8

Lab Sample ID: 460-336881-41

Date Collected: 10/09/25 13:00
Matrix: Solid
Date Received: 10/09/25 16:58
Percent Solids: 94.0

Method: SW846 8260D - Volatile Organic Compounds by GC/MS (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
tert-Butylbenzene	0.0033	U	0.0033	0.00092	mg/Kg	☼	10/12/25 12:34	10/14/25 04:23	1
Tetrachloroethene	0.0033	U	0.0033	0.0010	mg/Kg	☼	10/12/25 12:34	10/14/25 04:23	1
Toluene	0.0033	U	0.0033	0.00078	mg/Kg	☼	10/12/25 12:34	10/14/25 04:23	1
trans-1,2-Dichloroethene	0.0033	U	0.0033	0.00082	mg/Kg	☼	10/12/25 12:34	10/14/25 04:23	1
trans-1,3-Dichloropropene	0.0033	U	0.0033	0.00089	mg/Kg	☼	10/12/25 12:34	10/14/25 04:23	1
Trichloroethene	0.0033	U	0.0033	0.0011	mg/Kg	☼	10/12/25 12:34	10/14/25 04:23	1
Trichlorofluoromethane	0.0033	U	0.0033	0.0014	mg/Kg	☼	10/12/25 12:34	10/14/25 04:23	1
Vinyl chloride	0.0033	U	0.0033	0.0018	mg/Kg	☼	10/12/25 12:34	10/14/25 04:23	1
Xylenes, Total	0.0067	U	0.0067	0.00058	mg/Kg	☼	10/12/25 12:34	10/14/25 04:23	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,2-Dichloroethane-d4 (Surr)	*85*		*65 - 138*	*10/12/25 12:34*	*10/14/25 04:23*	*1*
4-Bromofluorobenzene	*93*		*71 - 128*	*10/12/25 12:34*	*10/14/25 04:23*	*1*
Dibromofluoromethane (Surr)	*99*		*50 - 150*	*10/12/25 12:34*	*10/14/25 04:23*	*1*
Toluene-d8 (Surr)	*99*		*71 - 126*	*10/12/25 12:34*	*10/14/25 04:23*	*1*

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Percent Moisture (EPA Moisture)	**6.0**		1.0	1.0	%			10/12/25 17:50	1
Percent Solids (EPA Moisture)	**94.0**		1.0	1.0	%			10/12/25 17:50	1

Client Sample ID: 3G2_10-11

Lab Sample ID: 460-336881-42

Date Collected: 10/09/25 13:05
Matrix: Solid
Date Received: 10/09/25 16:58
Percent Solids: 95.4

Method: SW846 8260D - Volatile Organic Compounds by GC/MS

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1-Trichloroethane	0.0012	U	0.0012	0.00029	mg/Kg	☼	10/12/25 12:35	10/14/25 04:48	1
1,1,2,2-Tetrachloroethane	0.0012	U	0.0012	0.00064	mg/Kg	☼	10/12/25 12:35	10/14/25 04:48	1
1,1,2-Trichloro-1,2,2-trifluoroethane	0.0012	U	0.0012	0.00037	mg/Kg	☼	10/12/25 12:35	10/14/25 04:48	1
1,1,2-Trichloroethane	0.0012	U	0.0012	0.00074	mg/Kg	☼	10/12/25 12:35	10/14/25 04:48	1
1,1-Dichloroethane	0.0012	U	0.0012	0.00074	mg/Kg	☼	10/12/25 12:35	10/14/25 04:48	1
1,1-Dichloroethene	0.0012	U	0.0012	0.00028	mg/Kg	☼	10/12/25 12:35	10/14/25 04:48	1
1,2,3-Trichlorobenzene	0.0012	U	0.0012	0.00091	mg/Kg	☼	10/12/25 12:35	10/14/25 04:48	1
1,2,4-Trichlorobenzene	0.0012	U	0.0012	0.00044	mg/Kg	☼	10/12/25 12:35	10/14/25 04:48	1
1,2,4-Trimethylbenzene	0.0012	U	0.0012	0.00030	mg/Kg	☼	10/12/25 12:35	10/14/25 04:48	1
1,2-Dibromo-3-Chloropropane	0.0012	U	0.0012	0.00057	mg/Kg	☼	10/12/25 12:35	10/14/25 04:48	1
1,2-Dichlorobenzene	0.0012	U	0.0012	0.00045	mg/Kg	☼	10/12/25 12:35	10/14/25 04:48	1
1,2-Dichloroethane	0.0012	U	0.0012	0.00037	mg/Kg	☼	10/12/25 12:35	10/14/25 04:48	1
1,2-Dichloropropane	0.0012	U	0.0012	0.00052	mg/Kg	☼	10/12/25 12:35	10/14/25 04:48	1
1,3,5-Trimethylbenzene	0.0012	U	0.0012	0.00039	mg/Kg	☼	10/12/25 12:35	10/14/25 04:48	1
1,3-Dichlorobenzene	0.0012	U	0.0012	0.00045	mg/Kg	☼	10/12/25 12:35	10/14/25 04:48	1
1,4-Dichlorobenzene	0.0012	U	0.0012	0.00064	mg/Kg	☼	10/12/25 12:35	10/14/25 04:48	1
2-Butanone (MEK)	0.0062	U	0.0062	0.00045	mg/Kg	☼	10/12/25 12:35	10/14/25 04:48	1
2-Hexanone	0.0062	U	0.0062	0.0021	mg/Kg	☼	10/12/25 12:35	10/14/25 04:48	1
4-Methyl-2-pentanone (MIBK)	0.0062	U	0.0062	0.0019	mg/Kg	☼	10/12/25 12:35	10/14/25 04:48	1
Acetone	0.0074	U	0.0074	0.0071	mg/Kg	☼	10/12/25 12:35	10/14/25 04:48	1
Benzene	0.0012	U	0.0012	0.00070	mg/Kg	☼	10/12/25 12:35	10/14/25 04:48	1
Bromoform	0.0012	U	0.0012	0.00052	mg/Kg	☼	10/12/25 12:35	10/14/25 04:48	1
Bromomethane	0.0025	U	0.0025	0.0012	mg/Kg	☼	10/12/25 12:35	10/14/25 04:48	1

Client Sample ID: 3G2_10-11
Date Collected: 10/09/25 13:05
Date Received: 10/09/25 16:58

Lab Sample ID: 460-336881-42
Matrix: Solid
Percent Solids: 95.4

Method: SW846 8260D - Volatile Organic Compounds by GC/MS (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Carbon disulfide	0.0012	U	0.0012	0.00033	mg/Kg	☼	10/12/25 12:35	10/14/25 04:48	1
Carbon tetrachloride	0.0012	U	0.0012	0.00048	mg/Kg	☼	10/12/25 12:35	10/14/25 04:48	1
Chlorobenzene	0.0012	U	0.0012	0.00063	mg/Kg	☼	10/12/25 12:35	10/14/25 04:48	1
Chlorobromomethane	0.0012	U	0.0012	0.00074	mg/Kg	☼	10/12/25 12:35	10/14/25 04:48	1
Chlorodibromomethane	0.0012	U	0.0012	0.00066	mg/Kg	☼	10/12/25 12:35	10/14/25 04:48	1
Chloroethane	0.0012	U	0.0012	0.00064	mg/Kg	☼	10/12/25 12:35	10/14/25 04:48	1
Chloroform	0.0012	U	0.0012	0.0012	mg/Kg	☼	10/12/25 12:35	10/14/25 04:48	1
Chloromethane	0.0012	U	0.0012	0.00054	mg/Kg	☼	10/12/25 12:35	10/14/25 04:48	1
cis-1,2-Dichloroethene	0.0012	U	0.0012	0.00044	mg/Kg	☼	10/12/25 12:35	10/14/25 04:48	1
cis-1,3-Dichloropropene	0.0012	U	0.0012	0.00034	mg/Kg	☼	10/12/25 12:35	10/14/25 04:48	1
Cyclohexane	0.0012	U	0.0012	0.00027	mg/Kg	☼	10/12/25 12:35	10/14/25 04:48	1
Dichlorobromomethane	0.0012	U	0.0012	0.00032	mg/Kg	☼	10/12/25 12:35	10/14/25 04:48	1
Dichlorodifluoromethane	0.0012	U	0.0012	0.00042	mg/Kg	☼	10/12/25 12:35	10/14/25 04:48	1
Ethylbenzene	0.0012	U	0.0012	0.00058	mg/Kg	☼	10/12/25 12:35	10/14/25 04:48	1
Ethylene Dibromide	0.0012	U	0.0012	0.00062	mg/Kg	☼	10/12/25 12:35	10/14/25 04:48	1
Isopropylbenzene	0.0012	U	0.0012	0.00035	mg/Kg	☼	10/12/25 12:35	10/14/25 04:48	1
Methyl acetate	0.0062	U	0.0062	0.0053	mg/Kg	☼	10/12/25 12:35	10/14/25 04:48	1
Methyl tert-butyl ether	0.0012	U	0.0012	0.00063	mg/Kg	☼	10/12/25 12:35	10/14/25 04:48	1
Methylcyclohexane	0.0012	U	0.0012	0.00062	mg/Kg	☼	10/12/25 12:35	10/14/25 04:48	1
Methylene Chloride	0.0025	U	0.0025	0.0014	mg/Kg	☼	10/12/25 12:35	10/14/25 04:48	1
m-Xylene & p-Xylene	0.0012	U	0.0012	0.00052	mg/Kg	☼	10/12/25 12:35	10/14/25 04:48	1
n-Butylbenzene	0.0012	U	0.0012	0.00036	mg/Kg	☼	10/12/25 12:35	10/14/25 04:48	1
N-Propylbenzene	0.0012	U	0.0012	0.00055	mg/Kg	☼	10/12/25 12:35	10/14/25 04:48	1
o-Xylene	0.0012	U	0.0012	0.00057	mg/Kg	☼	10/12/25 12:35	10/14/25 04:48	1
sec-Butylbenzene	0.0012	U	0.0012	0.00036	mg/Kg	☼	10/12/25 12:35	10/14/25 04:48	1
Styrene	0.0012	U	0.0012	0.00034	mg/Kg	☼	10/12/25 12:35	10/14/25 04:48	1
tert-Butylbenzene	0.0012	U	0.0012	0.00034	mg/Kg	☼	10/12/25 12:35	10/14/25 04:48	1
Tetrachloroethene	0.0012	U	0.0012	0.00038	mg/Kg	☼	10/12/25 12:35	10/14/25 04:48	1
Toluene	0.0012	U	0.0012	0.00029	mg/Kg	☼	10/12/25 12:35	10/14/25 04:48	1
trans-1,2-Dichloroethene	0.0012	U	0.0012	0.00030	mg/Kg	☼	10/12/25 12:35	10/14/25 04:48	1
trans-1,3-Dichloropropene	0.0012	U	0.0012	0.00033	mg/Kg	☼	10/12/25 12:35	10/14/25 04:48	1
Trichloroethene	0.0012	U	0.0012	0.00040	mg/Kg	☼	10/12/25 12:35	10/14/25 04:48	1
Trichlorofluoromethane	0.0012	U	0.0012	0.00050	mg/Kg	☼	10/12/25 12:35	10/14/25 04:48	1
Vinyl chloride	0.0012	U	0.0012	0.00067	mg/Kg	☼	10/12/25 12:35	10/14/25 04:48	1
Xylenes, Total	0.0025	U	0.0025	0.00021	mg/Kg	☼	10/12/25 12:35	10/14/25 04:48	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,2-Dichloroethane-d4 (Surr)	*90*		*65 - 138*	*10/12/25 12:35*	*10/14/25 04:48*	*1*
4-Bromofluorobenzene	*91*		*71 - 128*	*10/12/25 12:35*	*10/14/25 04:48*	*1*
Dibromofluoromethane (Surr)	*100*		*50 - 150*	*10/12/25 12:35*	*10/14/25 04:48*	*1*
Toluene-d8 (Surr)	*99*		*71 - 126*	*10/12/25 12:35*	*10/14/25 04:48*	*1*

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Percent Moisture (EPA Moisture)	**4.6**		1.0	1.0	%			10/12/25 17:50	1
Percent Solids (EPA Moisture)	**95.4**		1.0	1.0	%			10/12/25 17:50	1

Client: Haley & Aldrich, Inc.
Project/Site: Former Port Mobil

Job ID: 460-336881-1

Client Sample ID: 3G3_9-10
Date Collected: 10/09/25 13:10
Date Received: 10/09/25 16:58

Lab Sample ID: 460-336881-43
Matrix: Solid
Percent Solids: 95.0

Method: SW846 8260D - Volatile Organic Compounds by GC/MS

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1-Trichloroethane	0.0010	U	0.0010	0.00024	mg/Kg	☼	10/12/25 12:35	10/14/25 05:12	1
1,1,2,2-Tetrachloroethane	0.0010	U	0.0010	0.00053	mg/Kg	☼	10/12/25 12:35	10/14/25 05:12	1
1,1,2-Trichloro-1,2,2-trifluoroethane	0.0010	U	0.0010	0.00030	mg/Kg	☼	10/12/25 12:35	10/14/25 05:12	1
1,1,2-Trichloroethane	0.0010	U	0.0010	0.00061	mg/Kg	☼	10/12/25 12:35	10/14/25 05:12	1
1,1-Dichloroethane	0.0010	U	0.0010	0.00060	mg/Kg	☼	10/12/25 12:35	10/14/25 05:12	1
1,1-Dichloroethene	0.0010	U	0.0010	0.00023	mg/Kg	☼	10/12/25 12:35	10/14/25 05:12	1
1,2,3-Trichlorobenzene	0.0010	U	0.0010	0.00075	mg/Kg	☼	10/12/25 12:35	10/14/25 05:12	1
1,2,4-Trichlorobenzene	0.0010	U	0.0010	0.00036	mg/Kg	☼	10/12/25 12:35	10/14/25 05:12	1
1,2,4-Trimethylbenzene	0.0010	U	0.0010	0.00025	mg/Kg	☼	10/12/25 12:35	10/14/25 05:12	1
1,2-Dibromo-3-Chloropropane	0.0010	U	0.0010	0.00047	mg/Kg	☼	10/12/25 12:35	10/14/25 05:12	1
1,2-Dichlorobenzene	0.0010	U	0.0010	0.00037	mg/Kg	☼	10/12/25 12:35	10/14/25 05:12	1
1,2-Dichloroethane	0.0010	U	0.0010	0.00030	mg/Kg	☼	10/12/25 12:35	10/14/25 05:12	1
1,2-Dichloropropane	0.0010	U	0.0010	0.00043	mg/Kg	☼	10/12/25 12:35	10/14/25 05:12	1
1,3,5-Trimethylbenzene	0.0010	U	0.0010	0.00032	mg/Kg	☼	10/12/25 12:35	10/14/25 05:12	1
1,3-Dichlorobenzene	0.0010	U	0.0010	0.00037	mg/Kg	☼	10/12/25 12:35	10/14/25 05:12	1
1,4-Dichlorobenzene	0.0010	U	0.0010	0.00053	mg/Kg	☼	10/12/25 12:35	10/14/25 05:12	1
2-Butanone (MEK)	0.0051	U	0.0051	0.00037	mg/Kg	☼	10/12/25 12:35	10/14/25 05:12	1
2-Hexanone	0.0051	U	0.0051	0.0017	mg/Kg	☼	10/12/25 12:35	10/14/25 05:12	1
4-Methyl-2-pentanone (MIBK)	0.0051	U	0.0051	0.0016	mg/Kg	☼	10/12/25 12:35	10/14/25 05:12	1
Acetone	0.0061	U	0.0061	0.0058	mg/Kg	☼	10/12/25 12:35	10/14/25 05:12	1
Benzene	0.0010	U	0.0010	0.00057	mg/Kg	☼	10/12/25 12:35	10/14/25 05:12	1
Bromoform	0.0010	U	0.0010	0.00043	mg/Kg	☼	10/12/25 12:35	10/14/25 05:12	1
Bromomethane	0.0020	U	0.0020	0.0010	mg/Kg	☼	10/12/25 12:35	10/14/25 05:12	1
Carbon disulfide	0.0010	U	0.0010	0.00027	mg/Kg	☼	10/12/25 12:35	10/14/25 05:12	1
Carbon tetrachloride	0.0010	U	0.0010	0.00039	mg/Kg	☼	10/12/25 12:35	10/14/25 05:12	1
Chlorobenzene	0.0010	U	0.0010	0.00051	mg/Kg	☼	10/12/25 12:35	10/14/25 05:12	1
Chlorobromomethane	0.0010	U	0.0010	0.00060	mg/Kg	☼	10/12/25 12:35	10/14/25 05:12	1
Chlorodibromomethane	0.0010	U	0.0010	0.00054	mg/Kg	☼	10/12/25 12:35	10/14/25 05:12	1
Chloroethane	0.0010	U	0.0010	0.00053	mg/Kg	☼	10/12/25 12:35	10/14/25 05:12	1
Chloroform	0.0010	U	0.0010	0.00098	mg/Kg	☼	10/12/25 12:35	10/14/25 05:12	1
Chloromethane	0.0010	U	0.0010	0.00044	mg/Kg	☼	10/12/25 12:35	10/14/25 05:12	1
cis-1,2-Dichloroethene	0.0010	U	0.0010	0.00036	mg/Kg	☼	10/12/25 12:35	10/14/25 05:12	1
cis-1,3-Dichloropropene	0.0010	U	0.0010	0.00028	mg/Kg	☼	10/12/25 12:35	10/14/25 05:12	1
Cyclohexane	0.0010	U	0.0010	0.00022	mg/Kg	☼	10/12/25 12:35	10/14/25 05:12	1
Dichlorobromomethane	0.0010	U	0.0010	0.00026	mg/Kg	☼	10/12/25 12:35	10/14/25 05:12	1
Dichlorodifluoromethane	0.0010	U	0.0010	0.00034	mg/Kg	☼	10/12/25 12:35	10/14/25 05:12	1
Ethylbenzene	0.0010	U	0.0010	0.00047	mg/Kg	☼	10/12/25 12:35	10/14/25 05:12	1
Ethylene Dibromide	0.0010	U	0.0010	0.00051	mg/Kg	☼	10/12/25 12:35	10/14/25 05:12	1
Isopropylbenzene	0.0010	U	0.0010	0.00029	mg/Kg	☼	10/12/25 12:35	10/14/25 05:12	1
Methyl acetate	0.0051	U	0.0051	0.0044	mg/Kg	☼	10/12/25 12:35	10/14/25 05:12	1
Methyl tert-butyl ether	0.0010	U	0.0010	0.00052	mg/Kg	☼	10/12/25 12:35	10/14/25 05:12	1
Methylcyclohexane	0.0010	U	0.0010	0.00050	mg/Kg	☼	10/12/25 12:35	10/14/25 05:12	1
Methylene Chloride	0.0020	U	0.0020	0.0012	mg/Kg	☼	10/12/25 12:35	10/14/25 05:12	1
m-Xylene & p-Xylene	0.0010	U	0.0010	0.00043	mg/Kg	☼	10/12/25 12:35	10/14/25 05:12	1
n-Butylbenzene	0.0010	U	0.0010	0.00030	mg/Kg	☼	10/12/25 12:35	10/14/25 05:12	1
N-Propylbenzene	0.0010	U	0.0010	0.00045	mg/Kg	☼	10/12/25 12:35	10/14/25 05:12	1
o-Xylene	0.0010	U	0.0010	0.00047	mg/Kg	☼	10/12/25 12:35	10/14/25 05:12	1
sec-Butylbenzene	0.0010	U	0.0010	0.00029	mg/Kg	☼	10/12/25 12:35	10/14/25 05:12	1
Styrene	0.0010	U	0.0010	0.00028	mg/Kg	☼	10/12/25 12:35	10/14/25 05:12	1

Client Sample ID: 3G3_9-10

Lab Sample ID: 460-336881-43

Date Collected: 10/09/25 13:10
Matrix: Solid
Date Received: 10/09/25 16:58
Percent Solids: 95.0

Method: SW846 8260D - Volatile Organic Compounds by GC/MS (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
tert-Butylbenzene	0.0010	U	0.0010	0.00028	mg/Kg	☼	10/12/25 12:35	10/14/25 05:12	1
Tetrachloroethene	0.0010	U	0.0010	0.00031	mg/Kg	☼	10/12/25 12:35	10/14/25 05:12	1
Toluene	0.0010	U	0.0010	0.00024	mg/Kg	☼	10/12/25 12:35	10/14/25 05:12	1
trans-1,2-Dichloroethene	0.0010	U	0.0010	0.00025	mg/Kg	☼	10/12/25 12:35	10/14/25 05:12	1
trans-1,3-Dichloropropene	0.0010	U	0.0010	0.00027	mg/Kg	☼	10/12/25 12:35	10/14/25 05:12	1
Trichloroethene	0.0010	U	0.0010	0.00032	mg/Kg	☼	10/12/25 12:35	10/14/25 05:12	1
Trichlorofluoromethane	0.0010	U	0.0010	0.00041	mg/Kg	☼	10/12/25 12:35	10/14/25 05:12	1
Vinyl chloride	0.0010	U	0.0010	0.00055	mg/Kg	☼	10/12/25 12:35	10/14/25 05:12	1
Xylenes, Total	0.0020	U	0.0020	0.00018	mg/Kg	☼	10/12/25 12:35	10/14/25 05:12	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,2-Dichloroethane-d4 (Surr)	*89*		*65 - 138*	*10/12/25 12:35*	*10/14/25 05:12*	*1*
4-Bromofluorobenzene	*92*		*71 - 128*	*10/12/25 12:35*	*10/14/25 05:12*	*1*
Dibromofluoromethane (Surr)	*100*		*50 - 150*	*10/12/25 12:35*	*10/14/25 05:12*	*1*
Toluene-d8 (Surr)	*99*		*71 - 126*	*10/12/25 12:35*	*10/14/25 05:12*	*1*

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Percent Moisture (EPA Moisture)	**5.0**		1.0	1.0	%			10/12/25 17:50	1
Percent Solids (EPA Moisture)	**95.0**		1.0	1.0	%			10/12/25 17:50	1

Client Sample ID: 3G1_13-14

Lab Sample ID: 460-336881-44

Date Collected: 10/09/25 13:15
Matrix: Solid
Date Received: 10/09/25 16:58
Percent Solids: 93.8

Method: SW846 8260D - Volatile Organic Compounds by GC/MS

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1-Trichloroethane	0.0011	U	0.0011	0.00025	mg/Kg	☼	10/12/25 12:35	10/14/25 05:36	1
1,1,2,2-Tetrachloroethane	0.0011	U	0.0011	0.00057	mg/Kg	☼	10/12/25 12:35	10/14/25 05:36	1
1,1,2-Trichloro-1,2,2-trifluoroethane	0.0011	U	0.0011	0.00033	mg/Kg	☼	10/12/25 12:35	10/14/25 05:36	1
1,1,2-Trichloroethane	0.0011	U	0.0011	0.00066	mg/Kg	☼	10/12/25 12:35	10/14/25 05:36	1
1,1-Dichloroethane	0.0011	U	0.0011	0.00065	mg/Kg	☼	10/12/25 12:35	10/14/25 05:36	1
1,1-Dichloroethene	0.0011	U	0.0011	0.00025	mg/Kg	☼	10/12/25 12:35	10/14/25 05:36	1
1,2,3-Trichlorobenzene	0.0011	U	0.0011	0.00080	mg/Kg	☼	10/12/25 12:35	10/14/25 05:36	1
1,2,4-Trichlorobenzene	0.0011	U	0.0011	0.00039	mg/Kg	☼	10/12/25 12:35	10/14/25 05:36	1
1,2,4-Trimethylbenzene	0.0011	U	0.0011	0.00027	mg/Kg	☼	10/12/25 12:35	10/14/25 05:36	1
1,2-Dibromo-3-Chloropropane	0.0011	U	0.0011	0.00050	mg/Kg	☼	10/12/25 12:35	10/14/25 05:36	1
1,2-Dichlorobenzene	0.0011	U	0.0011	0.00039	mg/Kg	☼	10/12/25 12:35	10/14/25 05:36	1
1,2-Dichloroethane	0.0011	U	0.0011	0.00032	mg/Kg	☼	10/12/25 12:35	10/14/25 05:36	1
1,2-Dichloropropane	0.0011	U	0.0011	0.00046	mg/Kg	☼	10/12/25 12:35	10/14/25 05:36	1
1,3,5-Trimethylbenzene	0.0011	U	0.0011	0.00034	mg/Kg	☼	10/12/25 12:35	10/14/25 05:36	1
1,3-Dichlorobenzene	0.0011	U	0.0011	0.00040	mg/Kg	☼	10/12/25 12:35	10/14/25 05:36	1
1,4-Dichlorobenzene	0.0011	U	0.0011	0.00057	mg/Kg	☼	10/12/25 12:35	10/14/25 05:36	1
2-Butanone (MEK)	0.0055	U	0.0055	0.00040	mg/Kg	☼	10/12/25 12:35	10/14/25 05:36	1
2-Hexanone	0.0055	U	0.0055	0.0019	mg/Kg	☼	10/12/25 12:35	10/14/25 05:36	1
4-Methyl-2-pentanone (MIBK)	0.0055	U	0.0055	0.0017	mg/Kg	☼	10/12/25 12:35	10/14/25 05:36	1
Acetone	0.0065	U	0.0065	0.0062	mg/Kg	☼	10/12/25 12:35	10/14/25 05:36	1
Benzene	0.0011	U	0.0011	0.00062	mg/Kg	☼	10/12/25 12:35	10/14/25 05:36	1
Bromoform	0.0011	U	0.0011	0.00046	mg/Kg	☼	10/12/25 12:35	10/14/25 05:36	1
Bromomethane	0.0022	U	0.0022	0.0011	mg/Kg	☼	10/12/25 12:35	10/14/25 05:36	1

Client Sample ID: 3G1_13-14
Date Collected: 10/09/25 13:15
Date Received: 10/09/25 16:58

Lab Sample ID: 460-336881-44
Matrix: Solid
Percent Solids: 93.8

Method: SW846 8260D - Volatile Organic Compounds by GC/MS (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Carbon disulfide	0.0011	U	0.0011	0.00029	mg/Kg	☼	10/12/25 12:35	10/14/25 05:36	1
Carbon tetrachloride	0.0011	U	0.0011	0.00042	mg/Kg	☼	10/12/25 12:35	10/14/25 05:36	1
Chlorobenzene	0.0011	U	0.0011	0.00055	mg/Kg	☼	10/12/25 12:35	10/14/25 05:36	1
Chlorobromomethane	0.0011	U	0.0011	0.00065	mg/Kg	☼	10/12/25 12:35	10/14/25 05:36	1
Chlorodibromomethane	0.0011	U	0.0011	0.00059	mg/Kg	☼	10/12/25 12:35	10/14/25 05:36	1
Chloroethane	0.0011	U	0.0011	0.00057	mg/Kg	☼	10/12/25 12:35	10/14/25 05:36	1
Chloroform	0.0011	U	0.0011	0.0011	mg/Kg	☼	10/12/25 12:35	10/14/25 05:36	1
Chloromethane	0.0011	U	0.0011	0.00047	mg/Kg	☼	10/12/25 12:35	10/14/25 05:36	1
cis-1,2-Dichloroethene	0.0011	U	0.0011	0.00039	mg/Kg	☼	10/12/25 12:35	10/14/25 05:36	1
cis-1,3-Dichloropropene	0.0011	U	0.0011	0.00030	mg/Kg	☼	10/12/25 12:35	10/14/25 05:36	1
Cyclohexane	0.0011	U	0.0011	0.00024	mg/Kg	☼	10/12/25 12:35	10/14/25 05:36	1
Dichlorobromomethane	0.0011	U	0.0011	0.00028	mg/Kg	☼	10/12/25 12:35	10/14/25 05:36	1
Dichlorodifluoromethane	0.0011	U	0.0011	0.00037	mg/Kg	☼	10/12/25 12:35	10/14/25 05:36	1
Ethylbenzene	0.0011	U	0.0011	0.00051	mg/Kg	☼	10/12/25 12:35	10/14/25 05:36	1
Ethylene Dibromide	0.0011	U	0.0011	0.00055	mg/Kg	☼	10/12/25 12:35	10/14/25 05:36	1
Isopropylbenzene	0.0011	U	0.0011	0.00031	mg/Kg	☼	10/12/25 12:35	10/14/25 05:36	1
Methyl acetate	0.0055	U	0.0055	0.0047	mg/Kg	☼	10/12/25 12:35	10/14/25 05:36	1
Methyl tert-butyl ether	0.0011	U	0.0011	0.00056	mg/Kg	☼	10/12/25 12:35	10/14/25 05:36	1
Methylcyclohexane	0.0011	U	0.0011	0.00054	mg/Kg	☼	10/12/25 12:35	10/14/25 05:36	1
Methylene Chloride	0.0022	U	0.0022	0.0012	mg/Kg	☼	10/12/25 12:35	10/14/25 05:36	1
m-Xylene & p-Xylene	0.0011	U	0.0011	0.00046	mg/Kg	☼	10/12/25 12:35	10/14/25 05:36	1
n-Butylbenzene	0.0011	U	0.0011	0.00032	mg/Kg	☼	10/12/25 12:35	10/14/25 05:36	1
N-Propylbenzene	0.0011	U	0.0011	0.00049	mg/Kg	☼	10/12/25 12:35	10/14/25 05:36	1
o-Xylene	0.0011	U	0.0011	0.00050	mg/Kg	☼	10/12/25 12:35	10/14/25 05:36	1
sec-Butylbenzene	0.0011	U	0.0011	0.00031	mg/Kg	☼	10/12/25 12:35	10/14/25 05:36	1
Styrene	0.0011	U	0.0011	0.00030	mg/Kg	☼	10/12/25 12:35	10/14/25 05:36	1
tert-Butylbenzene	0.0011	U	0.0011	0.00030	mg/Kg	☼	10/12/25 12:35	10/14/25 05:36	1
Tetrachloroethene	0.0011	U	0.0011	0.00033	mg/Kg	☼	10/12/25 12:35	10/14/25 05:36	1
Toluene	0.0011	U	0.0011	0.00026	mg/Kg	☼	10/12/25 12:35	10/14/25 05:36	1
trans-1,2-Dichloroethene	0.0011	U	0.0011	0.00027	mg/Kg	☼	10/12/25 12:35	10/14/25 05:36	1
trans-1,3-Dichloropropene	0.0011	U	0.0011	0.00029	mg/Kg	☼	10/12/25 12:35	10/14/25 05:36	1
Trichloroethene	0.0011	U	0.0011	0.00035	mg/Kg	☼	10/12/25 12:35	10/14/25 05:36	1
Trichlorofluoromethane	0.0011	U	0.0011	0.00044	mg/Kg	☼	10/12/25 12:35	10/14/25 05:36	1
Vinyl chloride	0.0011	U	0.0011	0.00060	mg/Kg	☼	10/12/25 12:35	10/14/25 05:36	1
Xylenes, Total	0.0022	U	0.0022	0.00019	mg/Kg	☼	10/12/25 12:35	10/14/25 05:36	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,2-Dichloroethane-d4 (Surr)	*87*		*65 - 138*	*10/12/25 12:35*	*10/14/25 05:36*	*1*
4-Bromofluorobenzene	*95*		*71 - 128*	*10/12/25 12:35*	*10/14/25 05:36*	*1*
Dibromofluoromethane (Surr)	*96*		*50 - 150*	*10/12/25 12:35*	*10/14/25 05:36*	*1*
Toluene-d8 (Surr)	*100*		*71 - 126*	*10/12/25 12:35*	*10/14/25 05:36*	*1*

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Percent Moisture (EPA Moisture)	**6.2**		1.0	1.0	%			10/12/25 17:50	1
Percent Solids (EPA Moisture)	**93.8**		1.0	1.0	%			10/12/25 17:50	1

Client Sample ID: 50A1_1-2
Date Collected: 10/09/25 08:00
Date Received: 10/09/25 16:58

Lab Sample ID: 460-336881-45
Matrix: Solid
Percent Solids: 94.5

Method: SW846 8260D - Volatile Organic Compounds by GC/MS

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1-Trichloroethane	0.00097	U	0.00097	0.00022	mg/Kg	☼	10/12/25 12:35	10/14/25 06:00	1
1,1,2,2-Tetrachloroethane	0.00097	U	0.00097	0.00050	mg/Kg	☼	10/12/25 12:35	10/14/25 06:00	1
1,1,2-Trichloro-1,2,2-trifluoroethane	0.00097	U	0.00097	0.00029	mg/Kg	☼	10/12/25 12:35	10/14/25 06:00	1
1,1,2-Trichloroethane	0.00097	U	0.00097	0.00058	mg/Kg	☼	10/12/25 12:35	10/14/25 06:00	1
1,1-Dichloroethane	0.00097	U	0.00097	0.00058	mg/Kg	☼	10/12/25 12:35	10/14/25 06:00	1
1,1-Dichloroethene	0.00097	U	0.00097	0.00022	mg/Kg	☼	10/12/25 12:35	10/14/25 06:00	1
1,2,3-Trichlorobenzene	0.00097	U	0.00097	0.00071	mg/Kg	☼	10/12/25 12:35	10/14/25 06:00	1
1,2,4-Trichlorobenzene	0.00097	U	0.00097	0.00035	mg/Kg	☼	10/12/25 12:35	10/14/25 06:00	1
1,2,4-Trimethylbenzene	0.00097	U	0.00097	0.00024	mg/Kg	☼	10/12/25 12:35	10/14/25 06:00	1
1,2-Dibromo-3-Chloropropane	0.00097	U	0.00097	0.00044	mg/Kg	☼	10/12/25 12:35	10/14/25 06:00	1
1,2-Dichlorobenzene	0.00097	U	0.00097	0.00035	mg/Kg	☼	10/12/25 12:35	10/14/25 06:00	1
1,2-Dichloroethane	0.00097	U	0.00097	0.00029	mg/Kg	☼	10/12/25 12:35	10/14/25 06:00	1
1,2-Dichloropropane	0.00097	U	0.00097	0.00041	mg/Kg	☼	10/12/25 12:35	10/14/25 06:00	1
1,3,5-Trimethylbenzene	0.00097	U	0.00097	0.00030	mg/Kg	☼	10/12/25 12:35	10/14/25 06:00	1
1,3-Dichlorobenzene	0.00097	U	0.00097	0.00035	mg/Kg	☼	10/12/25 12:35	10/14/25 06:00	1
1,4-Dichlorobenzene	0.00097	U	0.00097	0.00050	mg/Kg	☼	10/12/25 12:35	10/14/25 06:00	1
2-Butanone (MEK)	0.0048	U	0.0048	0.00036	mg/Kg	☼	10/12/25 12:35	10/14/25 06:00	1
2-Hexanone	0.0048	U	0.0048	0.0017	mg/Kg	☼	10/12/25 12:35	10/14/25 06:00	1
4-Methyl-2-pentanone (MIBK)	0.0048	U	0.0048	0.0015	mg/Kg	☼	10/12/25 12:35	10/14/25 06:00	1
Acetone	0.0058	U	0.0058	0.0055	mg/Kg	☼	10/12/25 12:35	10/14/25 06:00	1
Benzene	0.00097	U	0.00097	0.00055	mg/Kg	☼	10/12/25 12:35	10/14/25 06:00	1
Bromoform	0.00097	U	0.00097	0.00041	mg/Kg	☼	10/12/25 12:35	10/14/25 06:00	1
Bromomethane	0.0019	U	0.0019	0.00097	mg/Kg	☼	10/12/25 12:35	10/14/25 06:00	1
Carbon disulfide	0.00097	U	0.00097	0.00026	mg/Kg	☼	10/12/25 12:35	10/14/25 06:00	1
Carbon tetrachloride	0.00097	U	0.00097	0.00037	mg/Kg	☼	10/12/25 12:35	10/14/25 06:00	1
Chlorobenzene	0.00097	U	0.00097	0.00049	mg/Kg	☼	10/12/25 12:35	10/14/25 06:00	1
Chlorobromomethane	0.00097	U	0.00097	0.00058	mg/Kg	☼	10/12/25 12:35	10/14/25 06:00	1
Chlorodibromomethane	0.00097	U	0.00097	0.00052	mg/Kg	☼	10/12/25 12:35	10/14/25 06:00	1
Chloroethane	0.00097	U	0.00097	0.00050	mg/Kg	☼	10/12/25 12:35	10/14/25 06:00	1
Chloroform	0.00097	U	0.00097	0.00094	mg/Kg	☼	10/12/25 12:35	10/14/25 06:00	1
Chloromethane	0.00097	U	0.00097	0.00042	mg/Kg	☼	10/12/25 12:35	10/14/25 06:00	1
cis-1,2-Dichloroethene	0.00097	U	0.00097	0.00035	mg/Kg	☼	10/12/25 12:35	10/14/25 06:00	1
cis-1,3-Dichloropropene	0.00097	U	0.00097	0.00026	mg/Kg	☼	10/12/25 12:35	10/14/25 06:00	1
Cyclohexane	0.00097	U	0.00097	0.00021	mg/Kg	☼	10/12/25 12:35	10/14/25 06:00	1
Dichlorobromomethane	0.00097	U	0.00097	0.00025	mg/Kg	☼	10/12/25 12:35	10/14/25 06:00	1
Dichlorodifluoromethane	0.00097	U	0.00097	0.00033	mg/Kg	☼	10/12/25 12:35	10/14/25 06:00	1
Ethylbenzene	0.00097	U	0.00097	0.00045	mg/Kg	☼	10/12/25 12:35	10/14/25 06:00	1
Ethylene Dibromide	0.00097	U	0.00097	0.00049	mg/Kg	☼	10/12/25 12:35	10/14/25 06:00	1
Isopropylbenzene	0.00097	U	0.00097	0.00028	mg/Kg	☼	10/12/25 12:35	10/14/25 06:00	1
Methyl acetate	0.0048	U	0.0048	0.0042	mg/Kg	☼	10/12/25 12:35	10/14/25 06:00	1
Methyl tert-butyl ether	0.00097	U	0.00097	0.00049	mg/Kg	☼	10/12/25 12:35	10/14/25 06:00	1
Methylcyclohexane	0.00097	U	0.00097	0.00048	mg/Kg	☼	10/12/25 12:35	10/14/25 06:00	1
Methylene Chloride	0.0019	U	0.0019	0.0011	mg/Kg	☼	10/12/25 12:35	10/14/25 06:00	1
m-Xylene & p-Xylene	0.00097	U	0.00097	0.00041	mg/Kg	☼	10/12/25 12:35	10/14/25 06:00	1
n-Butylbenzene	0.00097	U	0.00097	0.00028	mg/Kg	☼	10/12/25 12:35	10/14/25 06:00	1
N-Propylbenzene	0.00097	U	0.00097	0.00043	mg/Kg	☼	10/12/25 12:35	10/14/25 06:00	1
o-Xylene	0.00097	U	0.00097	0.00045	mg/Kg	☼	10/12/25 12:35	10/14/25 06:00	1
sec-Butylbenzene	0.00097	U	0.00097	0.00028	mg/Kg	☼	10/12/25 12:35	10/14/25 06:00	1
Styrene	0.00097	U	0.00097	0.00027	mg/Kg	☼	10/12/25 12:35	10/14/25 06:00	1

Client Sample ID: 50A1_1-2

Lab Sample ID: 460-336881-45

Date Collected: 10/09/25 08:00
Matrix: Solid
Date Received: 10/09/25 16:58
Percent Solids: 94.5

Method: SW846 8260D - Volatile Organic Compounds by GC/MS (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
tert-Butylbenzene	0.00097	U	0.00097	0.00027	mg/Kg	☼	10/12/25 12:35	10/14/25 06:00	1
Tetrachloroethene	0.00097	U	0.00097	0.00029	mg/Kg	☼	10/12/25 12:35	10/14/25 06:00	1
Toluene	0.00097	U	0.00097	0.00023	mg/Kg	☼	10/12/25 12:35	10/14/25 06:00	1
trans-1,2-Dichloroethene	0.00097	U	0.00097	0.00024	mg/Kg	☼	10/12/25 12:35	10/14/25 06:00	1
trans-1,3-Dichloropropene	0.00097	U	0.00097	0.00026	mg/Kg	☼	10/12/25 12:35	10/14/25 06:00	1
Trichloroethene	0.00097	U	0.00097	0.00031	mg/Kg	☼	10/12/25 12:35	10/14/25 06:00	1
Trichlorofluoromethane	0.00097	U	0.00097	0.00039	mg/Kg	☼	10/12/25 12:35	10/14/25 06:00	1
Vinyl chloride	0.00097	U	0.00097	0.00053	mg/Kg	☼	10/12/25 12:35	10/14/25 06:00	1
Xylenes, Total	0.0019	U	0.0019	0.00017	mg/Kg	☼	10/12/25 12:35	10/14/25 06:00	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,2-Dichloroethane-d4 (Surr)	*86*		*65 - 138*	*10/12/25 12:35*	*10/14/25 06:00*	*1*
4-Bromofluorobenzene	*96*		*71 - 128*	*10/12/25 12:35*	*10/14/25 06:00*	*1*
Dibromofluoromethane (Surr)	*97*		*50 - 150*	*10/12/25 12:35*	*10/14/25 06:00*	*1*
Toluene-d8 (Surr)	*100*		*71 - 126*	*10/12/25 12:35*	*10/14/25 06:00*	*1*

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Percent Moisture (EPA Moisture)	**5.5**		1.0	1.0	%			10/12/25 17:50	1
Percent Solids (EPA Moisture)	**94.5**		1.0	1.0	%			10/12/25 17:50	1

Client Sample ID: 50A2_2-3

Lab Sample ID: 460-336881-46

Date Collected: 10/09/25 08:05
Matrix: Solid
Date Received: 10/09/25 16:58
Percent Solids: 93.7

Method: SW846 8260D - Volatile Organic Compounds by GC/MS

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1-Trichloroethane	0.0014	U	0.0014	0.00032	mg/Kg	☼	10/12/25 12:35	10/14/25 06:24	1
1,1,2,2-Tetrachloroethane	0.0014	U	0.0014	0.00071	mg/Kg	☼	10/12/25 12:35	10/14/25 06:24	1
1,1,2-Trichloro-1,2,2-trifluoroethane	0.0014	U	0.0014	0.00041	mg/Kg	☼	10/12/25 12:35	10/14/25 06:24	1
1,1,2-Trichloroethane	0.0014	U	0.0014	0.00081	mg/Kg	☼	10/12/25 12:35	10/14/25 06:24	1
1,1-Dichloroethane	0.0014	U	0.0014	0.00081	mg/Kg	☼	10/12/25 12:35	10/14/25 06:24	1
1,1-Dichloroethene	0.0014	U	0.0014	0.00030	mg/Kg	☼	10/12/25 12:35	10/14/25 06:24	1
1,2,3-Trichlorobenzene	0.0014	U	0.0014	0.0010	mg/Kg	☼	10/12/25 12:35	10/14/25 06:24	1
1,2,4-Trichlorobenzene	0.0014	U	0.0014	0.00048	mg/Kg	☼	10/12/25 12:35	10/14/25 06:24	1
1,2,4-Trimethylbenzene	0.0014	U	0.0014	0.00033	mg/Kg	☼	10/12/25 12:35	10/14/25 06:24	1
1,2-Dibromo-3-Chloropropane	0.0014	U	0.0014	0.00062	mg/Kg	☼	10/12/25 12:35	10/14/25 06:24	1
1,2-Dichlorobenzene	0.0014	U	0.0014	0.00049	mg/Kg	☼	10/12/25 12:35	10/14/25 06:24	1
1,2-Dichloroethane	0.0014	U	0.0014	0.00040	mg/Kg	☼	10/12/25 12:35	10/14/25 06:24	1
1,2-Dichloropropane	0.0014	U	0.0014	0.00057	mg/Kg	☼	10/12/25 12:35	10/14/25 06:24	1
1,3,5-Trimethylbenzene	0.0014	U	0.0014	0.00043	mg/Kg	☼	10/12/25 12:35	10/14/25 06:24	1
1,3-Dichlorobenzene	0.0014	U	0.0014	0.00049	mg/Kg	☼	10/12/25 12:35	10/14/25 06:24	1
1,4-Dichlorobenzene	0.0014	U	0.0014	0.00070	mg/Kg	☼	10/12/25 12:35	10/14/25 06:24	1
2-Butanone (MEK)	0.0068	U	0.0068	0.00050	mg/Kg	☼	10/12/25 12:35	10/14/25 06:24	1
2-Hexanone	0.0068	U	0.0068	0.0023	mg/Kg	☼	10/12/25 12:35	10/14/25 06:24	1
4-Methyl-2-pentanone (MIBK)	0.0068	U	0.0068	0.0021	mg/Kg	☼	10/12/25 12:35	10/14/25 06:24	1
Acetone	**0.026**		0.0081	0.0077	mg/Kg	☼	10/12/25 12:35	10/14/25 06:24	1
Benzene	0.0014	U	0.0014	0.00077	mg/Kg	☼	10/12/25 12:35	10/14/25 06:24	1
Bromoform	0.0014	U	0.0014	0.00058	mg/Kg	☼	10/12/25 12:35	10/14/25 06:24	1
Bromomethane	0.0027	U	0.0027	0.0014	mg/Kg	☼	10/12/25 12:35	10/14/25 06:24	1

Client Sample ID: 50A2_2-3
Date Collected: 10/09/25 08:05
Date Received: 10/09/25 16:58

Lab Sample ID: 460-336881-46
Matrix: Solid
Percent Solids: 93.7

Method: SW846 8260D - Volatile Organic Compounds by GC/MS (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Carbon disulfide	0.0014	U	0.0014	0.00036	mg/Kg	☼	10/12/25 12:35	10/14/25 06:24	1
Carbon tetrachloride	0.0014	U	0.0014	0.00052	mg/Kg	☼	10/12/25 12:35	10/14/25 06:24	1
Chlorobenzene	0.0014	U	0.0014	0.00069	mg/Kg	☼	10/12/25 12:35	10/14/25 06:24	1
Chlorobromomethane	0.0014	U	0.0014	0.00081	mg/Kg	☼	10/12/25 12:35	10/14/25 06:24	1
Chlorodibromomethane	0.0014	U	0.0014	0.00073	mg/Kg	☼	10/12/25 12:35	10/14/25 06:24	1
Chloroethane	0.0014	U	0.0014	0.00071	mg/Kg	☼	10/12/25 12:35	10/14/25 06:24	1
Chloroform	0.0014	U	0.0014	0.0013	mg/Kg	☼	10/12/25 12:35	10/14/25 06:24	1
Chloromethane	0.0014	U	0.0014	0.00059	mg/Kg	☼	10/12/25 12:35	10/14/25 06:24	1
cis-1,2-Dichloroethene	0.0014	U	0.0014	0.00048	mg/Kg	☼	10/12/25 12:35	10/14/25 06:24	1
cis-1,3-Dichloropropene	0.0014	U	0.0014	0.00037	mg/Kg	☼	10/12/25 12:35	10/14/25 06:24	1
Cyclohexane	0.0014	U	0.0014	0.00030	mg/Kg	☼	10/12/25 12:35	10/14/25 06:24	1
Dichlorobromomethane	0.0014	U	0.0014	0.00035	mg/Kg	☼	10/12/25 12:35	10/14/25 06:24	1
Dichlorodifluoromethane	0.0014	U	0.0014	0.00046	mg/Kg	☼	10/12/25 12:35	10/14/25 06:24	1
Ethylbenzene	0.0014	U	0.0014	0.00063	mg/Kg	☼	10/12/25 12:35	10/14/25 06:24	1
Ethylene Dibromide	0.0014	U	0.0014	0.00068	mg/Kg	☼	10/12/25 12:35	10/14/25 06:24	1
Isopropylbenzene	0.0014	U	0.0014	0.00039	mg/Kg	☼	10/12/25 12:35	10/14/25 06:24	1
Methyl acetate	0.0068	U	0.0068	0.0058	mg/Kg	☼	10/12/25 12:35	10/14/25 06:24	1
Methyl tert-butyl ether	0.0014	U	0.0014	0.00069	mg/Kg	☼	10/12/25 12:35	10/14/25 06:24	1
Methylcyclohexane	0.0014	U	0.0014	0.00068	mg/Kg	☼	10/12/25 12:35	10/14/25 06:24	1
Methylene Chloride	0.0027	U	0.0027	0.0016	mg/Kg	☼	10/12/25 12:35	10/14/25 06:24	1
m-Xylene & p-Xylene	0.0014	U	0.0014	0.00057	mg/Kg	☼	10/12/25 12:35	10/14/25 06:24	1
n-Butylbenzene	0.0014	U	0.0014	0.00040	mg/Kg	☼	10/12/25 12:35	10/14/25 06:24	1
N-Propylbenzene	0.0014	U	0.0014	0.00061	mg/Kg	☼	10/12/25 12:35	10/14/25 06:24	1
o-Xylene	0.0014	U	0.0014	0.00062	mg/Kg	☼	10/12/25 12:35	10/14/25 06:24	1
sec-Butylbenzene	0.0014	U	0.0014	0.00039	mg/Kg	☼	10/12/25 12:35	10/14/25 06:24	1
Styrene	0.0014	U	0.0014	0.00038	mg/Kg	☼	10/12/25 12:35	10/14/25 06:24	1
tert-Butylbenzene	0.0014	U	0.0014	0.00037	mg/Kg	☼	10/12/25 12:35	10/14/25 06:24	1
Tetrachloroethene	0.0014	U	0.0014	0.00041	mg/Kg	☼	10/12/25 12:35	10/14/25 06:24	1
Toluene	0.0014	U	0.0014	0.00032	mg/Kg	☼	10/12/25 12:35	10/14/25 06:24	1
trans-1,2-Dichloroethene	0.0014	U	0.0014	0.00033	mg/Kg	☼	10/12/25 12:35	10/14/25 06:24	1
trans-1,3-Dichloropropene	0.0014	U	0.0014	0.00036	mg/Kg	☼	10/12/25 12:35	10/14/25 06:24	1
Trichloroethene	0.0014	U	0.0014	0.00043	mg/Kg	☼	10/12/25 12:35	10/14/25 06:24	1
Trichlorofluoromethane	0.0014	U	0.0014	0.00055	mg/Kg	☼	10/12/25 12:35	10/14/25 06:24	1
Vinyl chloride	0.0014	U	0.0014	0.00074	mg/Kg	☼	10/12/25 12:35	10/14/25 06:24	1
Xylenes, Total	0.0027	U	0.0027	0.00024	mg/Kg	☼	10/12/25 12:35	10/14/25 06:24	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,2-Dichloroethane-d4 (Surr)	*88*		*65 - 138*	*10/12/25 12:35*	*10/14/25 06:24*	*1*
4-Bromofluorobenzene	*95*		*71 - 128*	*10/12/25 12:35*	*10/14/25 06:24*	*1*
Dibromofluoromethane (Surr)	*99*		*50 - 150*	*10/12/25 12:35*	*10/14/25 06:24*	*1*
Toluene-d8 (Surr)	*99*		*71 - 126*	*10/12/25 12:35*	*10/14/25 06:24*	*1*

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Percent Moisture (EPA Moisture)	**6.3**		1.0	1.0	%			10/12/25 17:50	1
Percent Solids (EPA Moisture)	**93.7**		1.0	1.0	%			10/12/25 17:50	1

Client: Haley & Aldrich, Inc.
Project/Site: Former Port Mobil

Job ID: 460-336881-1

Client Sample ID: 50A3_3-4
Date Collected: 10/09/25 08:10
Date Received: 10/09/25 16:58

Lab Sample ID: 460-336881-47
Matrix: Solid
Percent Solids: 90.4

Method: SW846 8260D - Volatile Organic Compounds by GC/MS

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1-Trichloroethane	0.0013	U	0.0013	0.00030	mg/Kg	☼	10/12/25 12:36	10/14/25 06:48	1
1,1,2,2-Tetrachloroethane	0.0013	U	0.0013	0.00066	mg/Kg	☼	10/12/25 12:36	10/14/25 06:48	1
1,1,2-Trichloro-1,2,2-trifluoroethane	0.0013	U	0.0013	0.00038	mg/Kg	☼	10/12/25 12:36	10/14/25 06:48	1
1,1,2-Trichloroethane	0.0013	U	0.0013	0.00076	mg/Kg	☼	10/12/25 12:36	10/14/25 06:48	1
1,1-Dichloroethane	0.0013	U	0.0013	0.00076	mg/Kg	☼	10/12/25 12:36	10/14/25 06:48	1
1,1-Dichloroethene	0.0013	U	0.0013	0.00029	mg/Kg	☼	10/12/25 12:36	10/14/25 06:48	1
1,2,3-Trichlorobenzene	0.0013	U	0.0013	0.00094	mg/Kg	☼	10/12/25 12:36	10/14/25 06:48	1
1,2,4-Trichlorobenzene	0.0013	U	0.0013	0.00045	mg/Kg	☼	10/12/25 12:36	10/14/25 06:48	1
1,2,4-Trimethylbenzene	0.0013	U	0.0013	0.00031	mg/Kg	☼	10/12/25 12:36	10/14/25 06:48	1
1,2-Dibromo-3-Chloropropane	0.0013	U	0.0013	0.00058	mg/Kg	☼	10/12/25 12:36	10/14/25 06:48	1
1,2-Dichlorobenzene	0.0013	U	0.0013	0.00046	mg/Kg	☼	10/12/25 12:36	10/14/25 06:48	1
1,2-Dichloroethane	0.0013	U	0.0013	0.00038	mg/Kg	☼	10/12/25 12:36	10/14/25 06:48	1
1,2-Dichloropropane	0.0013	U	0.0013	0.00054	mg/Kg	☼	10/12/25 12:36	10/14/25 06:48	1
1,3,5-Trimethylbenzene	0.0013	U	0.0013	0.00040	mg/Kg	☼	10/12/25 12:36	10/14/25 06:48	1
1,3-Dichlorobenzene	0.0013	U	0.0013	0.00046	mg/Kg	☼	10/12/25 12:36	10/14/25 06:48	1
1,4-Dichlorobenzene	0.0013	U	0.0013	0.00066	mg/Kg	☼	10/12/25 12:36	10/14/25 06:48	1
2-Butanone (MEK)	0.0063	U	0.0063	0.00047	mg/Kg	☼	10/12/25 12:36	10/14/25 06:48	1
2-Hexanone	0.0063	U	0.0063	0.0022	mg/Kg	☼	10/12/25 12:36	10/14/25 06:48	1
4-Methyl-2-pentanone (MIBK)	0.0063	U	0.0063	0.0020	mg/Kg	☼	10/12/25 12:36	10/14/25 06:48	1
Acetone	**0.073**		0.0076	0.0073	mg/Kg	☼	10/12/25 12:36	10/14/25 06:48	1
Benzene	0.0013	U	0.0013	0.00072	mg/Kg	☼	10/12/25 12:36	10/14/25 06:48	1
Bromoform	0.0013	U	0.0013	0.00054	mg/Kg	☼	10/12/25 12:36	10/14/25 06:48	1
Bromomethane	0.0025	U	0.0025	0.0013	mg/Kg	☼	10/12/25 12:36	10/14/25 06:48	1
Carbon disulfide	0.0013	U	0.0013	0.00034	mg/Kg	☼	10/12/25 12:36	10/14/25 06:48	1
Carbon tetrachloride	0.0013	U	0.0013	0.00049	mg/Kg	☼	10/12/25 12:36	10/14/25 06:48	1
Chlorobenzene	0.0013	U	0.0013	0.00064	mg/Kg	☼	10/12/25 12:36	10/14/25 06:48	1
Chlorobromomethane	0.0013	U	0.0013	0.00076	mg/Kg	☼	10/12/25 12:36	10/14/25 06:48	1
Chlorodibromomethane	0.0013	U	0.0013	0.00068	mg/Kg	☼	10/12/25 12:36	10/14/25 06:48	1
Chloroethane	0.0013	U	0.0013	0.00066	mg/Kg	☼	10/12/25 12:36	10/14/25 06:48	1
Chloroform	0.0013	U	0.0013	0.0012	mg/Kg	☼	10/12/25 12:36	10/14/25 06:48	1
Chloromethane	0.0013	U	0.0013	0.00055	mg/Kg	☼	10/12/25 12:36	10/14/25 06:48	1
cis-1,2-Dichloroethene	0.0013	U	0.0013	0.00045	mg/Kg	☼	10/12/25 12:36	10/14/25 06:48	1
cis-1,3-Dichloropropene	0.0013	U	0.0013	0.00035	mg/Kg	☼	10/12/25 12:36	10/14/25 06:48	1
Cyclohexane	0.0013	U	0.0013	0.00028	mg/Kg	☼	10/12/25 12:36	10/14/25 06:48	1
Dichlorobromomethane	0.0013	U	0.0013	0.00033	mg/Kg	☼	10/12/25 12:36	10/14/25 06:48	1
Dichlorodifluoromethane	0.0013	U	0.0013	0.00043	mg/Kg	☼	10/12/25 12:36	10/14/25 06:48	1
Ethylbenzene	0.0013	U	0.0013	0.00059	mg/Kg	☼	10/12/25 12:36	10/14/25 06:48	1
Ethylene Dibromide	0.0013	U	0.0013	0.00064	mg/Kg	☼	10/12/25 12:36	10/14/25 06:48	1
Isopropylbenzene	0.0013	U	0.0013	0.00036	mg/Kg	☼	10/12/25 12:36	10/14/25 06:48	1
Methyl acetate	0.0063	U	0.0063	0.0055	mg/Kg	☼	10/12/25 12:36	10/14/25 06:48	1
Methyl tert-butyl ether	0.0013	U	0.0013	0.00065	mg/Kg	☼	10/12/25 12:36	10/14/25 06:48	1
Methylcyclohexane	0.0013	U	0.0013	0.00063	mg/Kg	☼	10/12/25 12:36	10/14/25 06:48	1
Methylene Chloride	0.0025	U	0.0025	0.0015	mg/Kg	☼	10/12/25 12:36	10/14/25 06:48	1
m-Xylene & p-Xylene	0.0013	U	0.0013	0.00054	mg/Kg	☼	10/12/25 12:36	10/14/25 06:48	1
n-Butylbenzene	0.0013	U	0.0013	0.00037	mg/Kg	☼	10/12/25 12:36	10/14/25 06:48	1
N-Propylbenzene	0.0013	U	0.0013	0.00057	mg/Kg	☼	10/12/25 12:36	10/14/25 06:48	1
o-Xylene	0.0013	U	0.0013	0.00058	mg/Kg	☼	10/12/25 12:36	10/14/25 06:48	1
sec-Butylbenzene	0.0013	U	0.0013	0.00037	mg/Kg	☼	10/12/25 12:36	10/14/25 06:48	1
Styrene	0.0013	U	0.0013	0.00035	mg/Kg	☼	10/12/25 12:36	10/14/25 06:48	1

Client Sample ID: 50A3_3-4

Lab Sample ID: 460-336881-47

Date Collected: 10/09/25 08:10
Matrix: Solid
Date Received: 10/09/25 16:58
Percent Solids: 90.4

Method: SW846 8260D - Volatile Organic Compounds by GC/MS (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
tert-Butylbenzene	0.0013	U	0.0013	0.00035	mg/Kg	☼	10/12/25 12:36	10/14/25 06:48	1
Tetrachloroethene	0.0013	U	0.0013	0.00039	mg/Kg	☼	10/12/25 12:36	10/14/25 06:48	1
Toluene	0.0013	U	0.0013	0.00030	mg/Kg	☼	10/12/25 12:36	10/14/25 06:48	1
trans-1,2-Dichloroethene	0.0013	U	0.0013	0.00031	mg/Kg	☼	10/12/25 12:36	10/14/25 06:48	1
trans-1,3-Dichloropropene	0.0013	U	0.0013	0.00034	mg/Kg	☼	10/12/25 12:36	10/14/25 06:48	1
Trichloroethene	0.0013	U	0.0013	0.00041	mg/Kg	☼	10/12/25 12:36	10/14/25 06:48	1
Trichlorofluoromethane	0.0013	U	0.0013	0.00051	mg/Kg	☼	10/12/25 12:36	10/14/25 06:48	1
Vinyl chloride	0.0013	U	0.0013	0.00069	mg/Kg	☼	10/12/25 12:36	10/14/25 06:48	1
Xylenes, Total	0.0025	U	0.0025	0.00022	mg/Kg	☼	10/12/25 12:36	10/14/25 06:48	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,2-Dichloroethane-d4 (Surr)	*86*		*65 - 138*	*10/12/25 12:36*	*10/14/25 06:48*	*1*
4-Bromofluorobenzene	*95*		*71 - 128*	*10/12/25 12:36*	*10/14/25 06:48*	*1*
Dibromofluoromethane (Surr)	*97*		*50 - 150*	*10/12/25 12:36*	*10/14/25 06:48*	*1*
Toluene-d8 (Surr)	*100*		*71 - 126*	*10/12/25 12:36*	*10/14/25 06:48*	*1*

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Percent Moisture (EPA Moisture)	**9.6**		1.0	1.0	%			10/12/25 17:50	1
Percent Solids (EPA Moisture)	**90.4**		1.0	1.0	%			10/12/25 17:50	1

Client Sample ID: 50A4_5-6

Lab Sample ID: 460-336881-48

Date Collected: 10/09/25 08:15
Matrix: Solid
Date Received: 10/09/25 16:58
Percent Solids: 93.5

Method: SW846 8260D - Volatile Organic Compounds by GC/MS

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1-Trichloroethane	0.0010	U	0.0010	0.00024	mg/Kg	☼	10/12/25 12:36	10/14/25 07:13	1
1,1,2,2-Tetrachloroethane	0.0010	U	0.0010	0.00053	mg/Kg	☼	10/12/25 12:36	10/14/25 07:13	1
1,1,2-Trichloro-1,2,2-trifluoroethane	0.0010	U	0.0010	0.00030	mg/Kg	☼	10/12/25 12:36	10/14/25 07:13	1
1,1,2-Trichloroethane	0.0010	U	0.0010	0.00061	mg/Kg	☼	10/12/25 12:36	10/14/25 07:13	1
1,1-Dichloroethane	0.0010	U	0.0010	0.00060	mg/Kg	☼	10/12/25 12:36	10/14/25 07:13	1
1,1-Dichloroethene	0.0010	U	0.0010	0.00023	mg/Kg	☼	10/12/25 12:36	10/14/25 07:13	1
1,2,3-Trichlorobenzene	0.0010	U	0.0010	0.00074	mg/Kg	☼	10/12/25 12:36	10/14/25 07:13	1
1,2,4-Trichlorobenzene	0.0010	U	0.0010	0.00036	mg/Kg	☼	10/12/25 12:36	10/14/25 07:13	1
1,2,4-Trimethylbenzene	0.0010	U	0.0010	0.00025	mg/Kg	☼	10/12/25 12:36	10/14/25 07:13	1
1,2-Dibromo-3-Chloropropane	0.0010	U	0.0010	0.00046	mg/Kg	☼	10/12/25 12:36	10/14/25 07:13	1
1,2-Dichlorobenzene	0.0010	U	0.0010	0.00036	mg/Kg	☼	10/12/25 12:36	10/14/25 07:13	1
1,2-Dichloroethane	0.0010	U	0.0010	0.00030	mg/Kg	☼	10/12/25 12:36	10/14/25 07:13	1
1,2-Dichloropropane	0.0010	U	0.0010	0.00043	mg/Kg	☼	10/12/25 12:36	10/14/25 07:13	1
1,3,5-Trimethylbenzene	0.0010	U	0.0010	0.00032	mg/Kg	☼	10/12/25 12:36	10/14/25 07:13	1
1,3-Dichlorobenzene	0.0010	U	0.0010	0.00037	mg/Kg	☼	10/12/25 12:36	10/14/25 07:13	1
1,4-Dichlorobenzene	0.0010	U	0.0010	0.00052	mg/Kg	☼	10/12/25 12:36	10/14/25 07:13	1
2-Butanone (MEK)	0.0050	U	0.0050	0.00037	mg/Kg	☼	10/12/25 12:36	10/14/25 07:13	1
2-Hexanone	0.0050	U	0.0050	0.0017	mg/Kg	☼	10/12/25 12:36	10/14/25 07:13	1
4-Methyl-2-pentanone (MIBK)	0.0050	U	0.0050	0.0016	mg/Kg	☼	10/12/25 12:36	10/14/25 07:13	1
Acetone	0.0061	U	0.0061	0.0058	mg/Kg	☼	10/12/25 12:36	10/14/25 07:13	1
Benzene	0.0010	U	0.0010	0.00057	mg/Kg	☼	10/12/25 12:36	10/14/25 07:13	1
Bromoform	0.0010	U	0.0010	0.00043	mg/Kg	☼	10/12/25 12:36	10/14/25 07:13	1
Bromomethane	0.0020	U	0.0020	0.0010	mg/Kg	☼	10/12/25 12:36	10/14/25 07:13	1

Client Sample ID: 50A4_5-6
Date Collected: 10/09/25 08:15
Date Received: 10/09/25 16:58

Lab Sample ID: 460-336881-48
Matrix: Solid
Percent Solids: 93.5

Method: SW846 8260D - Volatile Organic Compounds by GC/MS (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Carbon disulfide	0.0010	U	0.0010	0.00027	mg/Kg	☼	10/12/25 12:36	10/14/25 07:13	1
Carbon tetrachloride	0.0010	U	0.0010	0.00039	mg/Kg	☼	10/12/25 12:36	10/14/25 07:13	1
Chlorobenzene	0.0010	U	0.0010	0.00051	mg/Kg	☼	10/12/25 12:36	10/14/25 07:13	1
Chlorobromomethane	0.0010	U	0.0010	0.00060	mg/Kg	☼	10/12/25 12:36	10/14/25 07:13	1
Chlorodibromomethane	0.0010	U	0.0010	0.00054	mg/Kg	☼	10/12/25 12:36	10/14/25 07:13	1
Chloroethane	0.0010	U	0.0010	0.00053	mg/Kg	☼	10/12/25 12:36	10/14/25 07:13	1
Chloroform	0.0010	U	0.0010	0.00098	mg/Kg	☼	10/12/25 12:36	10/14/25 07:13	1
Chloromethane	0.0010	U	0.0010	0.00044	mg/Kg	☼	10/12/25 12:36	10/14/25 07:13	1
cis-1,2-Dichloroethene	0.0010	U	0.0010	0.00036	mg/Kg	☼	10/12/25 12:36	10/14/25 07:13	1
cis-1,3-Dichloropropene	0.0010	U	0.0010	0.00028	mg/Kg	☼	10/12/25 12:36	10/14/25 07:13	1
Cyclohexane	0.0010	U	0.0010	0.00022	mg/Kg	☼	10/12/25 12:36	10/14/25 07:13	1
Dichlorobromomethane	0.0010	U	0.0010	0.00026	mg/Kg	☼	10/12/25 12:36	10/14/25 07:13	1
Dichlorodifluoromethane	0.0010	U	0.0010	0.00034	mg/Kg	☼	10/12/25 12:36	10/14/25 07:13	1
Ethylbenzene	0.0010	U	0.0010	0.00047	mg/Kg	☼	10/12/25 12:36	10/14/25 07:13	1
Ethylene Dibromide	0.0010	U	0.0010	0.00051	mg/Kg	☼	10/12/25 12:36	10/14/25 07:13	1
Isopropylbenzene	0.0010	U	0.0010	0.00029	mg/Kg	☼	10/12/25 12:36	10/14/25 07:13	1
Methyl acetate	0.0050	U	0.0050	0.0043	mg/Kg	☼	10/12/25 12:36	10/14/25 07:13	1
Methyl tert-butyl ether	0.0010	U	0.0010	0.00052	mg/Kg	☼	10/12/25 12:36	10/14/25 07:13	1
Methylcyclohexane	0.0010	U	0.0010	0.00050	mg/Kg	☼	10/12/25 12:36	10/14/25 07:13	1
Methylene Chloride	0.0020	U	0.0020	0.0012	mg/Kg	☼	10/12/25 12:36	10/14/25 07:13	1
m-Xylene & p-Xylene	0.0010	U	0.0010	0.00043	mg/Kg	☼	10/12/25 12:36	10/14/25 07:13	1
n-Butylbenzene	0.0010	U	0.0010	0.00030	mg/Kg	☼	10/12/25 12:36	10/14/25 07:13	1
N-Propylbenzene	0.0010	U	0.0010	0.00045	mg/Kg	☼	10/12/25 12:36	10/14/25 07:13	1
o-Xylene	0.0010	U	0.0010	0.00047	mg/Kg	☼	10/12/25 12:36	10/14/25 07:13	1
sec-Butylbenzene	0.0010	U	0.0010	0.00029	mg/Kg	☼	10/12/25 12:36	10/14/25 07:13	1
Styrene	0.0010	U	0.0010	0.00028	mg/Kg	☼	10/12/25 12:36	10/14/25 07:13	1
tert-Butylbenzene	0.0010	U	0.0010	0.00028	mg/Kg	☼	10/12/25 12:36	10/14/25 07:13	1
Tetrachloroethene	0.0010	U	0.0010	0.00031	mg/Kg	☼	10/12/25 12:36	10/14/25 07:13	1
Toluene	0.0010	U	0.0010	0.00024	mg/Kg	☼	10/12/25 12:36	10/14/25 07:13	1
trans-1,2-Dichloroethene	0.0010	U	0.0010	0.00025	mg/Kg	☼	10/12/25 12:36	10/14/25 07:13	1
trans-1,3-Dichloropropene	0.0010	U	0.0010	0.00027	mg/Kg	☼	10/12/25 12:36	10/14/25 07:13	1
Trichloroethene	0.0010	U	0.0010	0.00032	mg/Kg	☼	10/12/25 12:36	10/14/25 07:13	1
Trichlorofluoromethane	0.0010	U	0.0010	0.00041	mg/Kg	☼	10/12/25 12:36	10/14/25 07:13	1
Vinyl chloride	0.0010	U	0.0010	0.00055	mg/Kg	☼	10/12/25 12:36	10/14/25 07:13	1
Xylenes, Total	0.0020	U	0.0020	0.00018	mg/Kg	☼	10/12/25 12:36	10/14/25 07:13	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,2-Dichloroethane-d4 (Surr)	*88*		*65 - 138*	*10/12/25 12:36*	*10/14/25 07:13*	*1*
4-Bromofluorobenzene	*99*		*71 - 128*	*10/12/25 12:36*	*10/14/25 07:13*	*1*
Dibromofluoromethane (Surr)	*101*		*50 - 150*	*10/12/25 12:36*	*10/14/25 07:13*	*1*
Toluene-d8 (Surr)	*101*		*71 - 126*	*10/12/25 12:36*	*10/14/25 07:13*	*1*

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Percent Moisture (EPA Moisture)	**6.5**		1.0	1.0	%			10/12/25 17:50	1
Percent Solids (EPA Moisture)	**93.5**		1.0	1.0	%			10/12/25 17:50	1

Client: Haley & Aldrich, Inc.
Project/Site: Former Port Mobil

Job ID: 460-336881-1

Client Sample ID: 50A1_8-9
Date Collected: 10/09/25 08:20
Date Received: 10/09/25 16:58

Lab Sample ID: 460-336881-49
Matrix: Solid
Percent Solids: 91.9

Method: SW846 8260D - Volatile Organic Compounds by GC/MS

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1-Trichloroethane	0.00095	U	0.00095	0.00022	mg/Kg	☼	10/12/25 12:36	10/14/25 07:37	1
1,1,2,2-Tetrachloroethane	0.00095	U	0.00095	0.00049	mg/Kg	☼	10/12/25 12:36	10/14/25 07:37	1
1,1,2-Trichloro-1,2,2-trifluoroethane	0.00095	U	0.00095	0.00028	mg/Kg	☼	10/12/25 12:36	10/14/25 07:37	1
1,1,2-Trichloroethane	0.00095	U	0.00095	0.00057	mg/Kg	☼	10/12/25 12:36	10/14/25 07:37	1
1,1-Dichloroethane	0.00095	U	0.00095	0.00056	mg/Kg	☼	10/12/25 12:36	10/14/25 07:37	1
1,1-Dichloroethene	0.00095	U	0.00095	0.00021	mg/Kg	☼	10/12/25 12:36	10/14/25 07:37	1
1,2,3-Trichlorobenzene	0.00095	U	0.00095	0.00070	mg/Kg	☼	10/12/25 12:36	10/14/25 07:37	1
1,2,4-Trichlorobenzene	0.00095	U	0.00095	0.00034	mg/Kg	☼	10/12/25 12:36	10/14/25 07:37	1
1,2,4-Trimethylbenzene	0.00095	U	0.00095	0.00023	mg/Kg	☼	10/12/25 12:36	10/14/25 07:37	1
1,2-Dibromo-3-Chloropropane	0.00095	U	0.00095	0.00044	mg/Kg	☼	10/12/25 12:36	10/14/25 07:37	1
1,2-Dichlorobenzene	0.00095	U	0.00095	0.00034	mg/Kg	☼	10/12/25 12:36	10/14/25 07:37	1
1,2-Dichloroethane	0.00095	U	0.00095	0.00028	mg/Kg	☼	10/12/25 12:36	10/14/25 07:37	1
1,2-Dichloropropane	0.00095	U	0.00095	0.00040	mg/Kg	☼	10/12/25 12:36	10/14/25 07:37	1
1,3,5-Trimethylbenzene	0.00095	U	0.00095	0.00030	mg/Kg	☼	10/12/25 12:36	10/14/25 07:37	1
1,3-Dichlorobenzene	0.00095	U	0.00095	0.00035	mg/Kg	☼	10/12/25 12:36	10/14/25 07:37	1
1,4-Dichlorobenzene	0.00095	U	0.00095	0.00049	mg/Kg	☼	10/12/25 12:36	10/14/25 07:37	1
2-Butanone (MEK)	0.0047	U	0.0047	0.00035	mg/Kg	☼	10/12/25 12:36	10/14/25 07:37	1
2-Hexanone	0.0047	U	0.0047	0.0016	mg/Kg	☼	10/12/25 12:36	10/14/25 07:37	1
4-Methyl-2-pentanone (MIBK)	0.0047	U	0.0047	0.0015	mg/Kg	☼	10/12/25 12:36	10/14/25 07:37	1
Acetone	**0.011**		0.0057	0.0054	mg/Kg	☼	10/12/25 12:36	10/14/25 07:37	1
Benzene	0.00095	U	0.00095	0.00054	mg/Kg	☼	10/12/25 12:36	10/14/25 07:37	1
Bromoform	0.00095	U	0.00095	0.00040	mg/Kg	☼	10/12/25 12:36	10/14/25 07:37	1
Bromomethane	0.0019	U	0.0019	0.00095	mg/Kg	☼	10/12/25 12:36	10/14/25 07:37	1
Carbon disulfide	0.00095	U	0.00095	0.00025	mg/Kg	☼	10/12/25 12:36	10/14/25 07:37	1
Carbon tetrachloride	0.00095	U	0.00095	0.00037	mg/Kg	☼	10/12/25 12:36	10/14/25 07:37	1
Chlorobenzene	0.00095	U	0.00095	0.00048	mg/Kg	☼	10/12/25 12:36	10/14/25 07:37	1
Chlorobromomethane	0.00095	U	0.00095	0.00056	mg/Kg	☼	10/12/25 12:36	10/14/25 07:37	1
Chlorodibromomethane	0.00095	U	0.00095	0.00051	mg/Kg	☼	10/12/25 12:36	10/14/25 07:37	1
Chloroethane	0.00095	U	0.00095	0.00049	mg/Kg	☼	10/12/25 12:36	10/14/25 07:37	1
Chloroform	0.00095	U	0.00095	0.00092	mg/Kg	☼	10/12/25 12:36	10/14/25 07:37	1
Chloromethane	0.00095	U	0.00095	0.00041	mg/Kg	☼	10/12/25 12:36	10/14/25 07:37	1
cis-1,2-Dichloroethene	0.00095	U	0.00095	0.00034	mg/Kg	☼	10/12/25 12:36	10/14/25 07:37	1
cis-1,3-Dichloropropene	0.00095	U	0.00095	0.00026	mg/Kg	☼	10/12/25 12:36	10/14/25 07:37	1
Cyclohexane	0.00095	U	0.00095	0.00021	mg/Kg	☼	10/12/25 12:36	10/14/25 07:37	1
Dichlorobromomethane	0.00095	U	0.00095	0.00024	mg/Kg	☼	10/12/25 12:36	10/14/25 07:37	1
Dichlorodifluoromethane	0.00095	U	0.00095	0.00032	mg/Kg	☼	10/12/25 12:36	10/14/25 07:37	1
Ethylbenzene	0.00095	U	0.00095	0.00044	mg/Kg	☼	10/12/25 12:36	10/14/25 07:37	1
Ethylene Dibromide	0.00095	U	0.00095	0.00048	mg/Kg	☼	10/12/25 12:36	10/14/25 07:37	1
Isopropylbenzene	0.00095	U	0.00095	0.00027	mg/Kg	☼	10/12/25 12:36	10/14/25 07:37	1
Methyl acetate	0.0047	U	0.0047	0.0041	mg/Kg	☼	10/12/25 12:36	10/14/25 07:37	1
Methyl tert-butyl ether	0.00095	U	0.00095	0.00048	mg/Kg	☼	10/12/25 12:36	10/14/25 07:37	1
Methylcyclohexane	0.00095	U	0.00095	0.00047	mg/Kg	☼	10/12/25 12:36	10/14/25 07:37	1
Methylene Chloride	**0.0011**	**J**	0.0019	0.0011	mg/Kg	☼	10/12/25 12:36	10/14/25 07:37	1
m-Xylene & p-Xylene	0.00095	U	0.00095	0.00040	mg/Kg	☼	10/12/25 12:36	10/14/25 07:37	1
n-Butylbenzene	0.00095	U	0.00095	0.00028	mg/Kg	☼	10/12/25 12:36	10/14/25 07:37	1
N-Propylbenzene	0.00095	U	0.00095	0.00042	mg/Kg	☼	10/12/25 12:36	10/14/25 07:37	1
o-Xylene	0.00095	U	0.00095	0.00044	mg/Kg	☼	10/12/25 12:36	10/14/25 07:37	1
sec-Butylbenzene	0.00095	U	0.00095	0.00027	mg/Kg	☼	10/12/25 12:36	10/14/25 07:37	1
Styrene	0.00095	U	0.00095	0.00026	mg/Kg	☼	10/12/25 12:36	10/14/25 07:37	1

Client Sample ID: 50A1_8-9

Lab Sample ID: 460-336881-49
Date Collected: 10/09/25 08:20
Matrix: Solid
Date Received: 10/09/25 16:58
Percent Solids: 91.9

Method: SW846 8260D - Volatile Organic Compounds by GC/MS (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
tert-Butylbenzene	0.00095	U	0.00095	0.00026	mg/Kg	☼	10/12/25 12:36	10/14/25 07:37	1
Tetrachloroethene	0.00095	U	0.00095	0.00029	mg/Kg	☼	10/12/25 12:36	10/14/25 07:37	1
Toluene	0.00095	U	0.00095	0.00022	mg/Kg	☼	10/12/25 12:36	10/14/25 07:37	1
trans-1,2-Dichloroethene	0.00095	U	0.00095	0.00023	mg/Kg	☼	10/12/25 12:36	10/14/25 07:37	1
trans-1,3-Dichloropropene	0.00095	U	0.00095	0.00025	mg/Kg	☼	10/12/25 12:36	10/14/25 07:37	1
Trichloroethene	0.00095	U	0.00095	0.00030	mg/Kg	☼	10/12/25 12:36	10/14/25 07:37	1
Trichlorofluoromethane	0.00095	U	0.00095	0.00038	mg/Kg	☼	10/12/25 12:36	10/14/25 07:37	1
Vinyl chloride	0.00095	U	0.00095	0.00052	mg/Kg	☼	10/12/25 12:36	10/14/25 07:37	1
Xylenes, Total	0.0019	U	0.0019	0.00016	mg/Kg	☼	10/12/25 12:36	10/14/25 07:37	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,2-Dichloroethane-d4 (Surr)	*87*		*65 - 138*	*10/12/25 12:36*	*10/14/25 07:37*	*1*
4-Bromofluorobenzene	*100*		*71 - 128*	*10/12/25 12:36*	*10/14/25 07:37*	*1*
Dibromofluoromethane (Surr)	*100*		*50 - 150*	*10/12/25 12:36*	*10/14/25 07:37*	*1*
Toluene-d8 (Surr)	*102*		*71 - 126*	*10/12/25 12:36*	*10/14/25 07:37*	*1*

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Percent Moisture (EPA Moisture)	**8.1**		1.0	1.0	%			10/12/25 17:50	1
Percent Solids (EPA Moisture)	**91.9**		1.0	1.0	%			10/12/25 17:50	1

Client Sample ID: 50A2_7-8

Lab Sample ID: 460-336881-50
Date Collected: 10/09/25 08:25
Matrix: Solid
Date Received: 10/09/25 16:58
Percent Solids: 93.1

Method: SW846 8260D - Volatile Organic Compounds by GC/MS

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1-Trichloroethane	0.0011	U	0.0011	0.00025	mg/Kg	☼	10/12/25 12:36	10/14/25 12:07	1
1,1,2,2-Tetrachloroethane	0.0011	U	0.0011	0.00057	mg/Kg	☼	10/12/25 12:36	10/14/25 12:07	1
1,1,2-Trichloro-1,2,2-trifluoroethane	0.0011	U	0.0011	0.00033	mg/Kg	☼	10/12/25 12:36	10/14/25 12:07	1
1,1,2-Trichloroethane	0.0011	U	0.0011	0.00066	mg/Kg	☼	10/12/25 12:36	10/14/25 12:07	1
1,1-Dichloroethane	0.0011	U	0.0011	0.00065	mg/Kg	☼	10/12/25 12:36	10/14/25 12:07	1
1,1-Dichloroethene	0.0011	U	0.0011	0.00025	mg/Kg	☼	10/12/25 12:36	10/14/25 12:07	1
1,2,3-Trichlorobenzene	0.0011	U	0.0011	0.00080	mg/Kg	☼	10/12/25 12:36	10/14/25 12:07	1
1,2,4-Trichlorobenzene	0.0011	U	0.0011	0.00039	mg/Kg	☼	10/12/25 12:36	10/14/25 12:07	1
1,2,4-Trimethylbenzene	0.0011	U	0.0011	0.00027	mg/Kg	☼	10/12/25 12:36	10/14/25 12:07	1
1,2-Dibromo-3-Chloropropane	0.0011	U	0.0011	0.00050	mg/Kg	☼	10/12/25 12:36	10/14/25 12:07	1
1,2-Dichlorobenzene	0.0011	U	0.0011	0.00039	mg/Kg	☼	10/12/25 12:36	10/14/25 12:07	1
1,2-Dichloroethane	0.0011	U	0.0011	0.00032	mg/Kg	☼	10/12/25 12:36	10/14/25 12:07	1
1,2-Dichloropropane	0.0011	U	0.0011	0.00046	mg/Kg	☼	10/12/25 12:36	10/14/25 12:07	1
1,3,5-Trimethylbenzene	0.0011	U	0.0011	0.00034	mg/Kg	☼	10/12/25 12:36	10/14/25 12:07	1
1,3-Dichlorobenzene	0.0011	U	0.0011	0.00040	mg/Kg	☼	10/12/25 12:36	10/14/25 12:07	1
1,4-Dichlorobenzene	0.0011	U	0.0011	0.00057	mg/Kg	☼	10/12/25 12:36	10/14/25 12:07	1
2-Butanone (MEK)	0.0055	U	0.0055	0.00040	mg/Kg	☼	10/12/25 12:36	10/14/25 12:07	1
2-Hexanone	0.0055	U	0.0055	0.0019	mg/Kg	☼	10/12/25 12:36	10/14/25 12:07	1
4-Methyl-2-pentanone (MIBK)	0.0055	U	0.0055	0.0017	mg/Kg	☼	10/12/25 12:36	10/14/25 12:07	1
Acetone	**0.12**		0.0065	0.0062	mg/Kg	☼	10/12/25 12:36	10/14/25 12:07	1
Benzene	0.0011	U	0.0011	0.00062	mg/Kg	☼	10/12/25 12:36	10/14/25 12:07	1
Bromoform	0.0011	U	0.0011	0.00046	mg/Kg	☼	10/12/25 12:36	10/14/25 12:07	1
Bromomethane	0.0022	U	0.0022	0.0011	mg/Kg	☼	10/12/25 12:36	10/14/25 12:07	1

Client Sample ID: 50A2_7-8
Date Collected: 10/09/25 08:25
Date Received: 10/09/25 16:58

Lab Sample ID: 460-336881-50
Matrix: Solid
Percent Solids: 93.1

Method: SW846 8260D - Volatile Organic Compounds by GC/MS (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Carbon disulfide	0.0011	U	0.0011	0.00029	mg/Kg	☼	10/12/25 12:36	10/14/25 12:07	1
Carbon tetrachloride	0.0011	U	0.0011	0.00042	mg/Kg	☼	10/12/25 12:36	10/14/25 12:07	1
Chlorobenzene	0.0011	U	0.0011	0.00055	mg/Kg	☼	10/12/25 12:36	10/14/25 12:07	1
Chlorobromomethane	0.0011	U	0.0011	0.00065	mg/Kg	☼	10/12/25 12:36	10/14/25 12:07	1
Chlorodibromomethane	0.0011	U	0.0011	0.00059	mg/Kg	☼	10/12/25 12:36	10/14/25 12:07	1
Chloroethane	0.0011	U	0.0011	0.00057	mg/Kg	☼	10/12/25 12:36	10/14/25 12:07	1
Chloroform	0.0011	U	0.0011	0.0011	mg/Kg	☼	10/12/25 12:36	10/14/25 12:07	1
Chloromethane	0.0011	U	0.0011	0.00047	mg/Kg	☼	10/12/25 12:36	10/14/25 12:07	1
cis-1,2-Dichloroethene	0.0011	U	0.0011	0.00039	mg/Kg	☼	10/12/25 12:36	10/14/25 12:07	1
cis-1,3-Dichloropropene	0.0011	U	0.0011	0.00030	mg/Kg	☼	10/12/25 12:36	10/14/25 12:07	1
Cyclohexane	0.0011	U	0.0011	0.00024	mg/Kg	☼	10/12/25 12:36	10/14/25 12:07	1
Dichlorobromomethane	0.0011	U	0.0011	0.00028	mg/Kg	☼	10/12/25 12:36	10/14/25 12:07	1
Dichlorodifluoromethane	0.0011	U	0.0011	0.00037	mg/Kg	☼	10/12/25 12:36	10/14/25 12:07	1
Ethylbenzene	0.0011	U	0.0011	0.00051	mg/Kg	☼	10/12/25 12:36	10/14/25 12:07	1
Ethylene Dibromide	0.0011	U	0.0011	0.00055	mg/Kg	☼	10/12/25 12:36	10/14/25 12:07	1
Isopropylbenzene	0.0011	U	0.0011	0.00031	mg/Kg	☼	10/12/25 12:36	10/14/25 12:07	1
Methyl acetate	0.0055	U	0.0055	0.0047	mg/Kg	☼	10/12/25 12:36	10/14/25 12:07	1
Methyl tert-butyl ether	0.0011	U	0.0011	0.00056	mg/Kg	☼	10/12/25 12:36	10/14/25 12:07	1
Methylcyclohexane	0.0011	U	0.0011	0.00054	mg/Kg	☼	10/12/25 12:36	10/14/25 12:07	1
Methylene Chloride	0.0022	U	0.0022	0.0012	mg/Kg	☼	10/12/25 12:36	10/14/25 12:07	1
m-Xylene & p-Xylene	0.0011	U	0.0011	0.00046	mg/Kg	☼	10/12/25 12:36	10/14/25 12:07	1
n-Butylbenzene	0.0011	U	0.0011	0.00032	mg/Kg	☼	10/12/25 12:36	10/14/25 12:07	1
N-Propylbenzene	0.0011	U	0.0011	0.00049	mg/Kg	☼	10/12/25 12:36	10/14/25 12:07	1
o-Xylene	0.0011	U	0.0011	0.00050	mg/Kg	☼	10/12/25 12:36	10/14/25 12:07	1
sec-Butylbenzene	0.0011	U	0.0011	0.00031	mg/Kg	☼	10/12/25 12:36	10/14/25 12:07	1
Styrene	0.0011	U	0.0011	0.00030	mg/Kg	☼	10/12/25 12:36	10/14/25 12:07	1
tert-Butylbenzene	0.0011	U	0.0011	0.00030	mg/Kg	☼	10/12/25 12:36	10/14/25 12:07	1
Tetrachloroethene	0.0011	U	0.0011	0.00033	mg/Kg	☼	10/12/25 12:36	10/14/25 12:07	1
Toluene	0.0011	U	0.0011	0.00026	mg/Kg	☼	10/12/25 12:36	10/14/25 12:07	1
trans-1,2-Dichloroethene	0.0011	U	0.0011	0.00027	mg/Kg	☼	10/12/25 12:36	10/14/25 12:07	1
trans-1,3-Dichloropropene	0.0011	U	0.0011	0.00029	mg/Kg	☼	10/12/25 12:36	10/14/25 12:07	1
Trichloroethene	0.0011	U	0.0011	0.00035	mg/Kg	☼	10/12/25 12:36	10/14/25 12:07	1
Trichlorofluoromethane	0.0011	U	0.0011	0.00044	mg/Kg	☼	10/12/25 12:36	10/14/25 12:07	1
Vinyl chloride	0.0011	U	0.0011	0.00060	mg/Kg	☼	10/12/25 12:36	10/14/25 12:07	1
Xylenes, Total	0.0022	U	0.0022	0.00019	mg/Kg	☼	10/12/25 12:36	10/14/25 12:07	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,2-Dichloroethane-d4 (Surr)	*85*		*65 - 138*	*10/12/25 12:36*	*10/14/25 12:07*	*1*
4-Bromofluorobenzene	*96*		*71 - 128*	*10/12/25 12:36*	*10/14/25 12:07*	*1*
Dibromofluoromethane (Surr)	*99*		*50 - 150*	*10/12/25 12:36*	*10/14/25 12:07*	*1*
Toluene-d8 (Surr)	*101*		*71 - 126*	*10/12/25 12:36*	*10/14/25 12:07*	*1*

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Percent Moisture (EPA Moisture)	**6.9**		1.0	1.0	%			10/12/25 17:50	1
Percent Solids (EPA Moisture)	**93.1**		1.0	1.0	%			10/12/25 17:50	1

Client: Haley & Aldrich, Inc.
Project/Site: Former Port Mobil

Job ID: 460-336881-1

Client Sample ID: 50A4_9-10
Date Collected: 10/09/25 08:30
Date Received: 10/09/25 16:58

Lab Sample ID: 460-336881-51
Matrix: Solid
Percent Solids: 94.4

Method: SW846 8260D - Volatile Organic Compounds by GC/MS

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1-Trichloroethane	0.0013	U	0.0013	0.00031	mg/Kg	☼	10/12/25 12:36	10/15/25 23:17	1
1,1,2,2-Tetrachloroethane	0.0013	U	0.0013	0.00069	mg/Kg	☼	10/12/25 12:36	10/15/25 23:17	1
1,1,2-Trichloro-1,2,2-trifluoroethane	0.0013	U	0.0013	0.00040	mg/Kg	☼	10/12/25 12:36	10/15/25 23:17	1
1,1,2-Trichloroethane	0.0013	U	0.0013	0.00080	mg/Kg	☼	10/12/25 12:36	10/15/25 23:17	1
1,1-Dichloroethane	0.0013	U	0.0013	0.00079	mg/Kg	☼	10/12/25 12:36	10/15/25 23:17	1
1,1-Dichloroethene	0.0013	U	0.0013	0.00030	mg/Kg	☼	10/12/25 12:36	10/15/25 23:17	1
1,2,3-Trichlorobenzene	0.0013	U	0.0013	0.00098	mg/Kg	☼	10/12/25 12:36	10/15/25 23:17	1
1,2,4-Trichlorobenzene	0.0013	U	0.0013	0.00047	mg/Kg	☼	10/12/25 12:36	10/15/25 23:17	1
1,2,4-Trimethylbenzene	0.0013	U	0.0013	0.00033	mg/Kg	☼	10/12/25 12:36	10/15/25 23:17	1
1,2-Dibromo-3-Chloropropane	0.0013	U	0.0013	0.00061	mg/Kg	☼	10/12/25 12:36	10/15/25 23:17	1
1,2-Dichlorobenzene	0.0013	U	0.0013	0.00048	mg/Kg	☼	10/12/25 12:36	10/15/25 23:17	1
1,2-Dichloroethane	0.0013	U	0.0013	0.00039	mg/Kg	☼	10/12/25 12:36	10/15/25 23:17	1
1,2-Dichloropropane	0.0013	U	0.0013	0.00056	mg/Kg	☼	10/12/25 12:36	10/15/25 23:17	1
1,3,5-Trimethylbenzene	0.0013	U	0.0013	0.00042	mg/Kg	☼	10/12/25 12:36	10/15/25 23:17	1
1,3-Dichlorobenzene	0.0013	U	0.0013	0.00048	mg/Kg	☼	10/12/25 12:36	10/15/25 23:17	1
1,4-Dichlorobenzene	0.0013	U	0.0013	0.00069	mg/Kg	☼	10/12/25 12:36	10/15/25 23:17	1
2-Butanone (MEK)	0.0066	U	0.0066	0.00049	mg/Kg	☼	10/12/25 12:36	10/15/25 23:17	1
2-Hexanone	0.0066	U	0.0066	0.0023	mg/Kg	☼	10/12/25 12:36	10/15/25 23:17	1
4-Methyl-2-pentanone (MIBK)	0.0066	U	0.0066	0.0021	mg/Kg	☼	10/12/25 12:36	10/15/25 23:17	1
Acetone	**0.023**		0.0080	0.0076	mg/Kg	☼	10/12/25 12:36	10/15/25 23:17	1
Benzene	0.0013	U	0.0013	0.00075	mg/Kg	☼	10/12/25 12:36	10/15/25 23:17	1
Bromoform	0.0013	U	0.0013	0.00056	mg/Kg	☼	10/12/25 12:36	10/15/25 23:17	1
Bromomethane	0.0027	U	0.0027	0.0013	mg/Kg	☼	10/12/25 12:36	10/15/25 23:17	1
Carbon disulfide	0.0013	U	0.0013	0.00035	mg/Kg	☼	10/12/25 12:36	10/15/25 23:17	1
Carbon tetrachloride	0.0013	U	0.0013	0.00051	mg/Kg	☼	10/12/25 12:36	10/15/25 23:17	1
Chlorobenzene	0.0013	U	0.0013	0.00067	mg/Kg	☼	10/12/25 12:36	10/15/25 23:17	1
Chlorobromomethane	0.0013	U	0.0013	0.00079	mg/Kg	☼	10/12/25 12:36	10/15/25 23:17	1
Chlorodibromomethane	0.0013	U	0.0013	0.00071	mg/Kg	☼	10/12/25 12:36	10/15/25 23:17	1
Chloroethane	0.0013	U	0.0013	0.00069	mg/Kg	☼	10/12/25 12:36	10/15/25 23:17	1
Chloroform	0.0013	U	0.0013	0.0013	mg/Kg	☼	10/12/25 12:36	10/15/25 23:17	1
Chloromethane	0.0013	U	0.0013	0.00058	mg/Kg	☼	10/12/25 12:36	10/15/25 23:17	1
cis-1,2-Dichloroethene	0.0013	U	0.0013	0.00047	mg/Kg	☼	10/12/25 12:36	10/15/25 23:17	1
cis-1,3-Dichloropropene	0.0013	U	0.0013	0.00036	mg/Kg	☼	10/12/25 12:36	10/15/25 23:17	1
Cyclohexane	0.0013	U	0.0013	0.00029	mg/Kg	☼	10/12/25 12:36	10/15/25 23:17	1
Dichlorobromomethane	0.0013	U	0.0013	0.00034	mg/Kg	☼	10/12/25 12:36	10/15/25 23:17	1
Dichlorodifluoromethane	0.0013	U	0.0013	0.00045	mg/Kg	☼	10/12/25 12:36	10/15/25 23:17	1
Ethylbenzene	0.0013	U	0.0013	0.00062	mg/Kg	☼	10/12/25 12:36	10/15/25 23:17	1
Ethylene Dibromide	0.0013	U	0.0013	0.00067	mg/Kg	☼	10/12/25 12:36	10/15/25 23:17	1
Isopropylbenzene	0.0013	U	0.0013	0.00038	mg/Kg	☼	10/12/25 12:36	10/15/25 23:17	1
Methyl acetate	0.0066	U	0.0066	0.0057	mg/Kg	☼	10/12/25 12:36	10/15/25 23:17	1
Methyl tert-butyl ether	0.0013	U	0.0013	0.00068	mg/Kg	☼	10/12/25 12:36	10/15/25 23:17	1
Methylcyclohexane	0.0013	U	0.0013	0.00066	mg/Kg	☼	10/12/25 12:36	10/15/25 23:17	1
Methylene Chloride	0.0027	U	0.0027	0.0015	mg/Kg	☼	10/12/25 12:36	10/15/25 23:17	1
m-Xylene & p-Xylene	0.0013	U	0.0013	0.00056	mg/Kg	☼	10/12/25 12:36	10/15/25 23:17	1
n-Butylbenzene	0.0013	U	0.0013	0.00039	mg/Kg	☼	10/12/25 12:36	10/15/25 23:17	1
N-Propylbenzene	0.0013	U	0.0013	0.00060	mg/Kg	☼	10/12/25 12:36	10/15/25 23:17	1
o-Xylene	0.0013	U	0.0013	0.00061	mg/Kg	☼	10/12/25 12:36	10/15/25 23:17	1
sec-Butylbenzene	0.0013	U	0.0013	0.00038	mg/Kg	☼	10/12/25 12:36	10/15/25 23:17	1
Styrene	0.0013	U	0.0013	0.00037	mg/Kg	☼	10/12/25 12:36	10/15/25 23:17	1

Client Sample ID: 50A4_9-10

Lab Sample ID: 460-336881-51

Date Collected: 10/09/25 08:30
Matrix: Solid
Date Received: 10/09/25 16:58
Percent Solids: 94.4

Method: SW846 8260D - Volatile Organic Compounds by GC/MS (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
tert-Butylbenzene	0.0013	U	0.0013	0.00037	mg/Kg	☼	10/12/25 12:36	10/15/25 23:17	1
Tetrachloroethene	0.0013	U	0.0013	0.00040	mg/Kg	☼	10/12/25 12:36	10/15/25 23:17	1
Toluene	0.0013	U	0.0013	0.00031	mg/Kg	☼	10/12/25 12:36	10/15/25 23:17	1
trans-1,2-Dichloroethene	0.0013	U	0.0013	0.00033	mg/Kg	☼	10/12/25 12:36	10/15/25 23:17	1
trans-1,3-Dichloropropene	0.0013	U	0.0013	0.00035	mg/Kg	☼	10/12/25 12:36	10/15/25 23:17	1
Trichloroethene	0.0013	U	0.0013	0.00043	mg/Kg	☼	10/12/25 12:36	10/15/25 23:17	1
Trichlorofluoromethane	0.0013	U	0.0013	0.00054	mg/Kg	☼	10/12/25 12:36	10/15/25 23:17	1
Vinyl chloride	0.0013	U	0.0013	0.00072	mg/Kg	☼	10/12/25 12:36	10/15/25 23:17	1
Xylenes, Total	0.0027	U	0.0027	0.00023	mg/Kg	☼	10/12/25 12:36	10/15/25 23:17	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,2-Dichloroethane-d4 (Surr)	*108*		*65 - 138*	*10/12/25 12:36*	*10/15/25 23:17*	*1*
4-Bromofluorobenzene	*102*		*71 - 128*	*10/12/25 12:36*	*10/15/25 23:17*	*1*
Dibromofluoromethane (Surr)	*101*		*50 - 150*	*10/12/25 12:36*	*10/15/25 23:17*	*1*
Toluene-d8 (Surr)	*97*		*71 - 126*	*10/12/25 12:36*	*10/15/25 23:17*	*1*

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Percent Moisture (EPA Moisture)	**5.6**		1.0	1.0	%			10/12/25 17:50	1
Percent Solids (EPA Moisture)	**94.4**		1.0	1.0	%			10/12/25 17:50	1

Client Sample ID: 50B1_1-2

Lab Sample ID: 460-336881-52

Date Collected: 10/09/25 08:35
Matrix: Solid
Date Received: 10/09/25 16:58
Percent Solids: 94.4

Method: SW846 8260D - Volatile Organic Compounds by GC/MS

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1-Trichloroethane	0.00098	U	0.00098	0.00023	mg/Kg	☼	10/12/25 12:37	10/14/25 12:55	1
1,1,2,2-Tetrachloroethane	0.00098	U	0.00098	0.00051	mg/Kg	☼	10/12/25 12:37	10/14/25 12:55	1
1,1,2-Trichloro-1,2,2-trifluoroethane	0.00098	U	0.00098	0.00029	mg/Kg	☼	10/12/25 12:37	10/14/25 12:55	1
1,1,2-Trichloroethane	0.00098	U	0.00098	0.00059	mg/Kg	☼	10/12/25 12:37	10/14/25 12:55	1
1,1-Dichloroethane	0.00098	U	0.00098	0.00058	mg/Kg	☼	10/12/25 12:37	10/14/25 12:55	1
1,1-Dichloroethene	0.00098	U	0.00098	0.00022	mg/Kg	☼	10/12/25 12:37	10/14/25 12:55	1
1,2,3-Trichlorobenzene	0.00098	U	0.00098	0.00072	mg/Kg	☼	10/12/25 12:37	10/14/25 12:55	1
1,2,4-Trichlorobenzene	0.00098	U	0.00098	0.00035	mg/Kg	☼	10/12/25 12:37	10/14/25 12:55	1
1,2,4-Trimethylbenzene	0.00098	U	0.00098	0.00024	mg/Kg	☼	10/12/25 12:37	10/14/25 12:55	1
1,2-Dibromo-3-Chloropropane	0.00098	U	0.00098	0.00045	mg/Kg	☼	10/12/25 12:37	10/14/25 12:55	1
1,2-Dichlorobenzene	0.00098	U	0.00098	0.00035	mg/Kg	☼	10/12/25 12:37	10/14/25 12:55	1
1,2-Dichloroethane	0.00098	U	0.00098	0.00029	mg/Kg	☼	10/12/25 12:37	10/14/25 12:55	1
1,2-Dichloropropane	0.00098	U	0.00098	0.00041	mg/Kg	☼	10/12/25 12:37	10/14/25 12:55	1
1,3,5-Trimethylbenzene	0.00098	U	0.00098	0.00031	mg/Kg	☼	10/12/25 12:37	10/14/25 12:55	1
1,3-Dichlorobenzene	0.00098	U	0.00098	0.00036	mg/Kg	☼	10/12/25 12:37	10/14/25 12:55	1
1,4-Dichlorobenzene	0.00098	U	0.00098	0.00051	mg/Kg	☼	10/12/25 12:37	10/14/25 12:55	1
2-Butanone (MEK)	0.0049	U	0.0049	0.00036	mg/Kg	☼	10/12/25 12:37	10/14/25 12:55	1
2-Hexanone	0.0049	U	0.0049	0.0017	mg/Kg	☼	10/12/25 12:37	10/14/25 12:55	1
4-Methyl-2-pentanone (MIBK)	0.0049	U	0.0049	0.0015	mg/Kg	☼	10/12/25 12:37	10/14/25 12:55	1
Acetone	0.0059	U	0.0059	0.0056	mg/Kg	☼	10/12/25 12:37	10/14/25 12:55	1
Benzene	0.00098	U	0.00098	0.00055	mg/Kg	☼	10/12/25 12:37	10/14/25 12:55	1
Bromoform	0.00098	U	0.00098	0.00042	mg/Kg	☼	10/12/25 12:37	10/14/25 12:55	1
Bromomethane	0.0020	U	0.0020	0.00098	mg/Kg	☼	10/12/25 12:37	10/14/25 12:55	1

Client Sample ID: 50B1_1-2
Date Collected: 10/09/25 08:35
Date Received: 10/09/25 16:58

Lab Sample ID: 460-336881-52
Matrix: Solid
Percent Solids: 94.4

Method: SW846 8260D - Volatile Organic Compounds by GC/MS (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Carbon disulfide	0.00098	U	0.00098	0.00026	mg/Kg	☼	10/12/25 12:37	10/14/25 12:55	1
Carbon tetrachloride	0.00098	U	0.00098	0.00038	mg/Kg	☼	10/12/25 12:37	10/14/25 12:55	1
Chlorobenzene	0.00098	U	0.00098	0.00050	mg/Kg	☼	10/12/25 12:37	10/14/25 12:55	1
Chlorobromomethane	0.00098	U	0.00098	0.00058	mg/Kg	☼	10/12/25 12:37	10/14/25 12:55	1
Chlorodibromomethane	0.00098	U	0.00098	0.00053	mg/Kg	☼	10/12/25 12:37	10/14/25 12:55	1
Chloroethane	0.00098	U	0.00098	0.00051	mg/Kg	☼	10/12/25 12:37	10/14/25 12:55	1
Chloroform	0.00098	U	0.00098	0.00095	mg/Kg	☼	10/12/25 12:37	10/14/25 12:55	1
Chloromethane	0.00098	U	0.00098	0.00043	mg/Kg	☼	10/12/25 12:37	10/14/25 12:55	1
cis-1,2-Dichloroethene	0.00098	U	0.00098	0.00035	mg/Kg	☼	10/12/25 12:37	10/14/25 12:55	1
cis-1,3-Dichloropropene	0.00098	U	0.00098	0.00027	mg/Kg	☼	10/12/25 12:37	10/14/25 12:55	1
Cyclohexane	0.00098	U	0.00098	0.00022	mg/Kg	☼	10/12/25 12:37	10/14/25 12:55	1
Dichlorobromomethane	0.00098	U	0.00098	0.00025	mg/Kg	☼	10/12/25 12:37	10/14/25 12:55	1
Dichlorodifluoromethane	0.00098	U	0.00098	0.00033	mg/Kg	☼	10/12/25 12:37	10/14/25 12:55	1
Ethylbenzene	0.00098	U	0.00098	0.00046	mg/Kg	☼	10/12/25 12:37	10/14/25 12:55	1
Ethylene Dibromide	0.00098	U	0.00098	0.00049	mg/Kg	☼	10/12/25 12:37	10/14/25 12:55	1
Isopropylbenzene	0.00098	U	0.00098	0.00028	mg/Kg	☼	10/12/25 12:37	10/14/25 12:55	1
Methyl acetate	0.0049	U	0.0049	0.0042	mg/Kg	☼	10/12/25 12:37	10/14/25 12:55	1
Methyl tert-butyl ether	0.00098	U	0.00098	0.00050	mg/Kg	☼	10/12/25 12:37	10/14/25 12:55	1
Methylcyclohexane	0.00098	U	0.00098	0.00049	mg/Kg	☼	10/12/25 12:37	10/14/25 12:55	1
Methylene Chloride	**0.0011**	**J**	0.0020	0.0011	mg/Kg	☼	10/12/25 12:37	10/14/25 12:55	1
m-Xylene & p-Xylene	0.00098	U	0.00098	0.00041	mg/Kg	☼	10/12/25 12:37	10/14/25 12:55	1
n-Butylbenzene	0.00098	U	0.00098	0.00029	mg/Kg	☼	10/12/25 12:37	10/14/25 12:55	1
N-Propylbenzene	0.00098	U	0.00098	0.00044	mg/Kg	☼	10/12/25 12:37	10/14/25 12:55	1
o-Xylene	0.00098	U	0.00098	0.00045	mg/Kg	☼	10/12/25 12:37	10/14/25 12:55	1
sec-Butylbenzene	0.00098	U	0.00098	0.00028	mg/Kg	☼	10/12/25 12:37	10/14/25 12:55	1
Styrene	0.00098	U	0.00098	0.00027	mg/Kg	☼	10/12/25 12:37	10/14/25 12:55	1
tert-Butylbenzene	0.00098	U	0.00098	0.00027	mg/Kg	☼	10/12/25 12:37	10/14/25 12:55	1
Tetrachloroethene	0.00098	U	0.00098	0.00030	mg/Kg	☼	10/12/25 12:37	10/14/25 12:55	1
Toluene	**0.00070**	**J**	0.00098	0.00023	mg/Kg	☼	10/12/25 12:37	10/14/25 12:55	1
trans-1,2-Dichloroethene	0.00098	U	0.00098	0.00024	mg/Kg	☼	10/12/25 12:37	10/14/25 12:55	1
trans-1,3-Dichloropropene	0.00098	U	0.00098	0.00026	mg/Kg	☼	10/12/25 12:37	10/14/25 12:55	1
Trichloroethene	0.00098	U	0.00098	0.00031	mg/Kg	☼	10/12/25 12:37	10/14/25 12:55	1
Trichlorofluoromethane	0.00098	U	0.00098	0.00040	mg/Kg	☼	10/12/25 12:37	10/14/25 12:55	1
Vinyl chloride	0.00098	U	0.00098	0.00053	mg/Kg	☼	10/12/25 12:37	10/14/25 12:55	1
Xylenes, Total	0.0020	U	0.0020	0.00017	mg/Kg	☼	10/12/25 12:37	10/14/25 12:55	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,2-Dichloroethane-d4 (Surr)	*87*		*65 - 138*	*10/12/25 12:37*	*10/14/25 12:55*	*1*
4-Bromofluorobenzene	*95*		*71 - 128*	*10/12/25 12:37*	*10/14/25 12:55*	*1*
Dibromofluoromethane (Surr)	*99*		*50 - 150*	*10/12/25 12:37*	*10/14/25 12:55*	*1*
Toluene-d8 (Surr)	*99*		*71 - 126*	*10/12/25 12:37*	*10/14/25 12:55*	*1*

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Percent Moisture (EPA Moisture)	**5.6**		1.0	1.0	%			10/12/25 17:50	1
Percent Solids (EPA Moisture)	**94.4**		1.0	1.0	%			10/12/25 17:50	1

Client Sample ID: 50B2_3-4
Date Collected: 10/09/25 08:40
Date Received: 10/09/25 16:58

Lab Sample ID: 460-336881-53
Matrix: Solid
Percent Solids: 93.3

Method: SW846 8260D - Volatile Organic Compounds by GC/MS

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1-Trichloroethane	0.0010	U	0.0010	0.00024	mg/Kg	☼	10/12/25 12:37	10/14/25 13:19	1
1,1,2,2-Tetrachloroethane	0.0010	U	0.0010	0.00053	mg/Kg	☼	10/12/25 12:37	10/14/25 13:19	1
1,1,2-Trichloro-1,2,2-trifluoroethane	0.0010	U	0.0010	0.00031	mg/Kg	☼	10/12/25 12:37	10/14/25 13:19	1
1,1,2-Trichloroethane	0.0010	U	0.0010	0.00061	mg/Kg	☼	10/12/25 12:37	10/14/25 13:19	1
1,1-Dichloroethane	0.0010	U	0.0010	0.00061	mg/Kg	☼	10/12/25 12:37	10/14/25 13:19	1
1,1-Dichloroethene	0.0010	U	0.0010	0.00023	mg/Kg	☼	10/12/25 12:37	10/14/25 13:19	1
1,2,3-Trichlorobenzene	0.0010	U	0.0010	0.00075	mg/Kg	☼	10/12/25 12:37	10/14/25 13:19	1
1,2,4-Trichlorobenzene	0.0010	U	0.0010	0.00036	mg/Kg	☼	10/12/25 12:37	10/14/25 13:19	1
1,2,4-Trimethylbenzene	0.0010	U	0.0010	0.00025	mg/Kg	☼	10/12/25 12:37	10/14/25 13:19	1
1,2-Dibromo-3-Chloropropane	0.0010	U	0.0010	0.00047	mg/Kg	☼	10/12/25 12:37	10/14/25 13:19	1
1,2-Dichlorobenzene	0.0010	U	0.0010	0.00037	mg/Kg	☼	10/12/25 12:37	10/14/25 13:19	1
1,2-Dichloroethane	0.0010	U	0.0010	0.00030	mg/Kg	☼	10/12/25 12:37	10/14/25 13:19	1
1,2-Dichloropropane	0.0010	U	0.0010	0.00043	mg/Kg	☼	10/12/25 12:37	10/14/25 13:19	1
1,3,5-Trimethylbenzene	0.0010	U	0.0010	0.00032	mg/Kg	☼	10/12/25 12:37	10/14/25 13:19	1
1,3-Dichlorobenzene	0.0010	U	0.0010	0.00037	mg/Kg	☼	10/12/25 12:37	10/14/25 13:19	1
1,4-Dichlorobenzene	0.0010	U	0.0010	0.00053	mg/Kg	☼	10/12/25 12:37	10/14/25 13:19	1
2-Butanone (MEK)	0.0051	U	0.0051	0.00037	mg/Kg	☼	10/12/25 12:37	10/14/25 13:19	1
2-Hexanone	0.0051	U	0.0051	0.0017	mg/Kg	☼	10/12/25 12:37	10/14/25 13:19	1
4-Methyl-2-pentanone (MIBK)	0.0051	U	0.0051	0.0016	mg/Kg	☼	10/12/25 12:37	10/14/25 13:19	1
Acetone	0.0061	U	0.0061	0.0058	mg/Kg	☼	10/12/25 12:37	10/14/25 13:19	1
Benzene	0.0010	U	0.0010	0.00058	mg/Kg	☼	10/12/25 12:37	10/14/25 13:19	1
Bromoform	0.0010	U	0.0010	0.00043	mg/Kg	☼	10/12/25 12:37	10/14/25 13:19	1
Bromomethane	0.0020	U	0.0020	0.0010	mg/Kg	☼	10/12/25 12:37	10/14/25 13:19	1
Carbon disulfide	0.0010	U	0.0010	0.00027	mg/Kg	☼	10/12/25 12:37	10/14/25 13:19	1
Carbon tetrachloride	0.0010	U	0.0010	0.00039	mg/Kg	☼	10/12/25 12:37	10/14/25 13:19	1
Chlorobenzene	0.0010	U	0.0010	0.00052	mg/Kg	☼	10/12/25 12:37	10/14/25 13:19	1
Chlorobromomethane	0.0010	U	0.0010	0.00061	mg/Kg	☼	10/12/25 12:37	10/14/25 13:19	1
Chlorodibromomethane	0.0010	U	0.0010	0.00055	mg/Kg	☼	10/12/25 12:37	10/14/25 13:19	1
Chloroethane	0.0010	U	0.0010	0.00053	mg/Kg	☼	10/12/25 12:37	10/14/25 13:19	1
Chloroform	0.0010	U	0.0010	0.00099	mg/Kg	☼	10/12/25 12:37	10/14/25 13:19	1
Chloromethane	0.0010	U	0.0010	0.00044	mg/Kg	☼	10/12/25 12:37	10/14/25 13:19	1
cis-1,2-Dichloroethene	0.0010	U	0.0010	0.00036	mg/Kg	☼	10/12/25 12:37	10/14/25 13:19	1
cis-1,3-Dichloropropene	0.0010	U	0.0010	0.00028	mg/Kg	☼	10/12/25 12:37	10/14/25 13:19	1
Cyclohexane	0.0010	U	0.0010	0.00022	mg/Kg	☼	10/12/25 12:37	10/14/25 13:19	1
Dichlorobromomethane	0.0010	U	0.0010	0.00026	mg/Kg	☼	10/12/25 12:37	10/14/25 13:19	1
Dichlorodifluoromethane	0.0010	U	0.0010	0.00034	mg/Kg	☼	10/12/25 12:37	10/14/25 13:19	1
Ethylbenzene	0.0010	U	0.0010	0.00048	mg/Kg	☼	10/12/25 12:37	10/14/25 13:19	1
Ethylene Dibromide	0.0010	U	0.0010	0.00051	mg/Kg	☼	10/12/25 12:37	10/14/25 13:19	1
Isopropylbenzene	0.0010	U	0.0010	0.00029	mg/Kg	☼	10/12/25 12:37	10/14/25 13:19	1
Methyl acetate	0.0051	U	0.0051	0.0044	mg/Kg	☼	10/12/25 12:37	10/14/25 13:19	1
Methyl tert-butyl ether	0.0010	U	0.0010	0.00052	mg/Kg	☼	10/12/25 12:37	10/14/25 13:19	1
Methylcyclohexane	0.0010	U	0.0010	0.00051	mg/Kg	☼	10/12/25 12:37	10/14/25 13:19	1
Methylene Chloride	0.0020	U	0.0020	0.0012	mg/Kg	☼	10/12/25 12:37	10/14/25 13:19	1
m-Xylene & p-Xylene	0.0010	U	0.0010	0.00043	mg/Kg	☼	10/12/25 12:37	10/14/25 13:19	1
n-Butylbenzene	0.0010	U	0.0010	0.00030	mg/Kg	☼	10/12/25 12:37	10/14/25 13:19	1
N-Propylbenzene	0.0010	U	0.0010	0.00046	mg/Kg	☼	10/12/25 12:37	10/14/25 13:19	1
o-Xylene	0.0010	U	0.0010	0.00047	mg/Kg	☼	10/12/25 12:37	10/14/25 13:19	1
sec-Butylbenzene	0.0010	U	0.0010	0.00029	mg/Kg	☼	10/12/25 12:37	10/14/25 13:19	1
Styrene	0.0010	U	0.0010	0.00028	mg/Kg	☼	10/12/25 12:37	10/14/25 13:19	1

Client Sample ID: 50B2_3-4

Lab Sample ID: 460-336881-53

Date Collected: 10/09/25 08:40
Matrix: Solid
Date Received: 10/09/25 16:58
Percent Solids: 93.3

Method: SW846 8260D - Volatile Organic Compounds by GC/MS (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
tert-Butylbenzene	0.0010	U	0.0010	0.00028	mg/Kg	☼	10/12/25 12:37	10/14/25 13:19	1
Tetrachloroethene	0.0010	U	0.0010	0.00031	mg/Kg	☼	10/12/25 12:37	10/14/25 13:19	1
Toluene	**0.00047**	**J**	0.0010	0.00024	mg/Kg	☼	10/12/25 12:37	10/14/25 13:19	1
trans-1,2-Dichloroethene	0.0010	U	0.0010	0.00025	mg/Kg	☼	10/12/25 12:37	10/14/25 13:19	1
trans-1,3-Dichloropropene	0.0010	U	0.0010	0.00027	mg/Kg	☼	10/12/25 12:37	10/14/25 13:19	1
Trichloroethene	0.0010	U	0.0010	0.00033	mg/Kg	☼	10/12/25 12:37	10/14/25 13:19	1
Trichlorofluoromethane	0.0010	U	0.0010	0.00041	mg/Kg	☼	10/12/25 12:37	10/14/25 13:19	1
Vinyl chloride	0.0010	U	0.0010	0.00056	mg/Kg	☼	10/12/25 12:37	10/14/25 13:19	1
Xylenes, Total	0.0020	U	0.0020	0.00018	mg/Kg	☼	10/12/25 12:37	10/14/25 13:19	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,2-Dichloroethane-d4 (Surr)	*87*		*65 - 138*	*10/12/25 12:37*	*10/14/25 13:19*	*1*
4-Bromofluorobenzene	*96*		*71 - 128*	*10/12/25 12:37*	*10/14/25 13:19*	*1*
Dibromofluoromethane (Surr)	*99*		*50 - 150*	*10/12/25 12:37*	*10/14/25 13:19*	*1*
Toluene-d8 (Surr)	*99*		*71 - 126*	*10/12/25 12:37*	*10/14/25 13:19*	*1*

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Percent Moisture (EPA Moisture)	**6.7**		1.0	1.0	%			10/12/25 17:50	1
Percent Solids (EPA Moisture)	**93.3**		1.0	1.0	%			10/12/25 17:50	1

Client Sample ID: 50B3_2-3

Lab Sample ID: 460-336881-54

Date Collected: 10/09/25 08:45
Matrix: Solid
Date Received: 10/09/25 16:58
Percent Solids: 92.5

Method: SW846 8260D - Volatile Organic Compounds by GC/MS

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1-Trichloroethane	0.00093	U	0.00093	0.00022	mg/Kg	☼	10/12/25 12:37	10/14/25 13:43	1
1,1,2,2-Tetrachloroethane	0.00093	U	0.00093	0.00049	mg/Kg	☼	10/12/25 12:37	10/14/25 13:43	1
1,1,2-Trichloro-1,2,2-trifluoroethane	0.00093	U	0.00093	0.00028	mg/Kg	☼	10/12/25 12:37	10/14/25 13:43	1
1,1,2-Trichloroethane	0.00093	U	0.00093	0.00056	mg/Kg	☼	10/12/25 12:37	10/14/25 13:43	1
1,1-Dichloroethane	0.00093	U	0.00093	0.00055	mg/Kg	☼	10/12/25 12:37	10/14/25 13:43	1
1,1-Dichloroethene	0.00093	U	0.00093	0.00021	mg/Kg	☼	10/12/25 12:37	10/14/25 13:43	1
1,2,3-Trichlorobenzene	0.00093	U	0.00093	0.00069	mg/Kg	☼	10/12/25 12:37	10/14/25 13:43	1
1,2,4-Trichlorobenzene	0.00093	U	0.00093	0.00033	mg/Kg	☼	10/12/25 12:37	10/14/25 13:43	1
1,2,4-Trimethylbenzene	0.00093	U	0.00093	0.00023	mg/Kg	☼	10/12/25 12:37	10/14/25 13:43	1
1,2-Dibromo-3-Chloropropane	0.00093	U	0.00093	0.00043	mg/Kg	☼	10/12/25 12:37	10/14/25 13:43	1
1,2-Dichlorobenzene	0.00093	U	0.00093	0.00034	mg/Kg	☼	10/12/25 12:37	10/14/25 13:43	1
1,2-Dichloroethane	0.00093	U	0.00093	0.00028	mg/Kg	☼	10/12/25 12:37	10/14/25 13:43	1
1,2-Dichloropropane	0.00093	U	0.00093	0.00039	mg/Kg	☼	10/12/25 12:37	10/14/25 13:43	1
1,3,5-Trimethylbenzene	0.00093	U	0.00093	0.00029	mg/Kg	☼	10/12/25 12:37	10/14/25 13:43	1
1,3-Dichlorobenzene	0.00093	U	0.00093	0.00034	mg/Kg	☼	10/12/25 12:37	10/14/25 13:43	1
1,4-Dichlorobenzene	0.00093	U	0.00093	0.00048	mg/Kg	☼	10/12/25 12:37	10/14/25 13:43	1
2-Butanone (MEK)	0.0046	U	0.0046	0.00034	mg/Kg	☼	10/12/25 12:37	10/14/25 13:43	1
2-Hexanone	0.0046	U	0.0046	0.0016	mg/Kg	☼	10/12/25 12:37	10/14/25 13:43	1
4-Methyl-2-pentanone (MIBK)	0.0046	U	0.0046	0.0014	mg/Kg	☼	10/12/25 12:37	10/14/25 13:43	1
Acetone	0.0056	U	0.0056	0.0053	mg/Kg	☼	10/12/25 12:37	10/14/25 13:43	1
Benzene	0.00093	U	0.00093	0.00053	mg/Kg	☼	10/12/25 12:37	10/14/25 13:43	1
Bromoform	0.00093	U	0.00093	0.00040	mg/Kg	☼	10/12/25 12:37	10/14/25 13:43	1
Bromomethane	0.0019	U	0.0019	0.00093	mg/Kg	☼	10/12/25 12:37	10/14/25 13:43	1

Client Sample ID: 50B3_2-3
Date Collected: 10/09/25 08:45
Date Received: 10/09/25 16:58

Lab Sample ID: 460-336881-54
Matrix: Solid
Percent Solids: 92.5

Method: SW846 8260D - Volatile Organic Compounds by GC/MS (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Carbon disulfide	0.00093	U	0.00093	0.00025	mg/Kg	☼	10/12/25 12:37	10/14/25 13:43	1
Carbon tetrachloride	0.00093	U	0.00093	0.00036	mg/Kg	☼	10/12/25 12:37	10/14/25 13:43	1
Chlorobenzene	0.00093	U	0.00093	0.00047	mg/Kg	☼	10/12/25 12:37	10/14/25 13:43	1
Chlorobromomethane	0.00093	U	0.00093	0.00055	mg/Kg	☼	10/12/25 12:37	10/14/25 13:43	1
Chlorodibromomethane	0.00093	U	0.00093	0.00050	mg/Kg	☼	10/12/25 12:37	10/14/25 13:43	1
Chloroethane	0.00093	U	0.00093	0.00049	mg/Kg	☼	10/12/25 12:37	10/14/25 13:43	1
Chloroform	0.00093	U	0.00093	0.00090	mg/Kg	☼	10/12/25 12:37	10/14/25 13:43	1
Chloromethane	0.00093	U	0.00093	0.00040	mg/Kg	☼	10/12/25 12:37	10/14/25 13:43	1
cis-1,2-Dichloroethene	0.00093	U	0.00093	0.00033	mg/Kg	☼	10/12/25 12:37	10/14/25 13:43	1
cis-1,3-Dichloropropene	0.00093	U	0.00093	0.00025	mg/Kg	☼	10/12/25 12:37	10/14/25 13:43	1
Cyclohexane	0.00093	U	0.00093	0.00021	mg/Kg	☼	10/12/25 12:37	10/14/25 13:43	1
Dichlorobromomethane	0.00093	U	0.00093	0.00024	mg/Kg	☼	10/12/25 12:37	10/14/25 13:43	1
Dichlorodifluoromethane	0.00093	U	0.00093	0.00031	mg/Kg	☼	10/12/25 12:37	10/14/25 13:43	1
Ethylbenzene	0.00093	U	0.00093	0.00043	mg/Kg	☼	10/12/25 12:37	10/14/25 13:43	1
Ethylene Dibromide	0.00093	U	0.00093	0.00047	mg/Kg	☼	10/12/25 12:37	10/14/25 13:43	1
Isopropylbenzene	0.00093	U	0.00093	0.00026	mg/Kg	☼	10/12/25 12:37	10/14/25 13:43	1
Methyl acetate	0.0046	U	0.0046	0.0040	mg/Kg	☼	10/12/25 12:37	10/14/25 13:43	1
Methyl tert-butyl ether	0.00093	U	0.00093	0.00048	mg/Kg	☼	10/12/25 12:37	10/14/25 13:43	1
Methylcyclohexane	0.00093	U	0.00093	0.00046	mg/Kg	☼	10/12/25 12:37	10/14/25 13:43	1
Methylene Chloride	0.0019	U	0.0019	0.0011	mg/Kg	☼	10/12/25 12:37	10/14/25 13:43	1
m-Xylene & p-Xylene	0.00093	U	0.00093	0.00039	mg/Kg	☼	10/12/25 12:37	10/14/25 13:43	1
n-Butylbenzene	0.00093	U	0.00093	0.00027	mg/Kg	☼	10/12/25 12:37	10/14/25 13:43	1
N-Propylbenzene	0.00093	U	0.00093	0.00042	mg/Kg	☼	10/12/25 12:37	10/14/25 13:43	1
o-Xylene	0.00093	U	0.00093	0.00043	mg/Kg	☼	10/12/25 12:37	10/14/25 13:43	1
sec-Butylbenzene	0.00093	U	0.00093	0.00027	mg/Kg	☼	10/12/25 12:37	10/14/25 13:43	1
Styrene	0.00093	U	0.00093	0.00026	mg/Kg	☼	10/12/25 12:37	10/14/25 13:43	1
tert-Butylbenzene	0.00093	U	0.00093	0.00026	mg/Kg	☼	10/12/25 12:37	10/14/25 13:43	1
Tetrachloroethene	0.00093	U	0.00093	0.00028	mg/Kg	☼	10/12/25 12:37	10/14/25 13:43	1
Toluene	0.00093	U	0.00093	0.00022	mg/Kg	☼	10/12/25 12:37	10/14/25 13:43	1
trans-1,2-Dichloroethene	0.00093	U	0.00093	0.00023	mg/Kg	☼	10/12/25 12:37	10/14/25 13:43	1
trans-1,3-Dichloropropene	0.00093	U	0.00093	0.00025	mg/Kg	☼	10/12/25 12:37	10/14/25 13:43	1
Trichloroethene	0.00093	U	0.00093	0.00030	mg/Kg	☼	10/12/25 12:37	10/14/25 13:43	1
Trichlorofluoromethane	0.00093	U	0.00093	0.00038	mg/Kg	☼	10/12/25 12:37	10/14/25 13:43	1
Vinyl chloride	0.00093	U	0.00093	0.00051	mg/Kg	☼	10/12/25 12:37	10/14/25 13:43	1
Xylenes, Total	0.0019	U	0.0019	0.00016	mg/Kg	☼	10/12/25 12:37	10/14/25 13:43	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,2-Dichloroethane-d4 (Surr)	*86*		*65 - 138*	*10/12/25 12:37*	*10/14/25 13:43*	*1*
4-Bromofluorobenzene	*94*		*71 - 128*	*10/12/25 12:37*	*10/14/25 13:43*	*1*
Dibromofluoromethane (Surr)	*97*		*50 - 150*	*10/12/25 12:37*	*10/14/25 13:43*	*1*
Toluene-d8 (Surr)	*99*		*71 - 126*	*10/12/25 12:37*	*10/14/25 13:43*	*1*

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Percent Moisture (EPA Moisture)	7.5		1.0	1.0	%			10/12/25 17:50	1
Percent Solids (EPA Moisture)	92.5		1.0	1.0	%			10/12/25 17:50	1

Client: Haley & Aldrich, Inc.
Project/Site: Former Port Mobil

Job ID: 460-336881-1

Client Sample ID: 50B1_4-5
Date Collected: 10/09/25 08:50
Date Received: 10/09/25 16:58

Lab Sample ID: 460-336881-55
Matrix: Solid
Percent Solids: 91.8

Method: SW846 8260D - Volatile Organic Compounds by GC/MS

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1-Trichloroethane	0.0010	U	0.0010	0.00024	mg/Kg	☼	10/12/25 12:37	10/14/25 14:08	1
1,1,2,2-Tetrachloroethane	0.0010	U	0.0010	0.00055	mg/Kg	☼	10/12/25 12:37	10/14/25 14:08	1
1,1,2-Trichloro-1,2,2-trifluoroethane	0.0010	U	0.0010	0.00032	mg/Kg	☼	10/12/25 12:37	10/14/25 14:08	1
1,1,2-Trichloroethane	0.0010	U	0.0010	0.00063	mg/Kg	☼	10/12/25 12:37	10/14/25 14:08	1
1,1-Dichloroethane	0.0010	U	0.0010	0.00062	mg/Kg	☼	10/12/25 12:37	10/14/25 14:08	1
1,1-Dichloroethene	0.0010	U	0.0010	0.00024	mg/Kg	☼	10/12/25 12:37	10/14/25 14:08	1
1,2,3-Trichlorobenzene	0.0010	U	0.0010	0.00077	mg/Kg	☼	10/12/25 12:37	10/14/25 14:08	1
1,2,4-Trichlorobenzene	0.0010	U	0.0010	0.00037	mg/Kg	☼	10/12/25 12:37	10/14/25 14:08	1
1,2,4-Trimethylbenzene	0.0010	U	0.0010	0.00026	mg/Kg	☼	10/12/25 12:37	10/14/25 14:08	1
1,2-Dibromo-3-Chloropropane	0.0010	U	0.0010	0.00048	mg/Kg	☼	10/12/25 12:37	10/14/25 14:08	1
1,2-Dichlorobenzene	0.0010	U	0.0010	0.00038	mg/Kg	☼	10/12/25 12:37	10/14/25 14:08	1
1,2-Dichloroethane	0.0010	U	0.0010	0.00031	mg/Kg	☼	10/12/25 12:37	10/14/25 14:08	1
1,2-Dichloropropane	0.0010	U	0.0010	0.00044	mg/Kg	☼	10/12/25 12:37	10/14/25 14:08	1
1,3,5-Trimethylbenzene	0.0010	U	0.0010	0.00033	mg/Kg	☼	10/12/25 12:37	10/14/25 14:08	1
1,3-Dichlorobenzene	0.0010	U	0.0010	0.00038	mg/Kg	☼	10/12/25 12:37	10/14/25 14:08	1
1,4-Dichlorobenzene	0.0010	U	0.0010	0.00054	mg/Kg	☼	10/12/25 12:37	10/14/25 14:08	1
2-Butanone (MEK)	0.0052	U	0.0052	0.00039	mg/Kg	☼	10/12/25 12:37	10/14/25 14:08	1
2-Hexanone	0.0052	U	0.0052	0.0018	mg/Kg	☼	10/12/25 12:37	10/14/25 14:08	1
4-Methyl-2-pentanone (MIBK)	0.0052	U	0.0052	0.0016	mg/Kg	☼	10/12/25 12:37	10/14/25 14:08	1
Acetone	0.0063	U	0.0063	0.0060	mg/Kg	☼	10/12/25 12:37	10/14/25 14:08	1
Benzene	0.0010	U	0.0010	0.00059	mg/Kg	☼	10/12/25 12:37	10/14/25 14:08	1
Bromoform	0.0010	U	0.0010	0.00044	mg/Kg	☼	10/12/25 12:37	10/14/25 14:08	1
Bromomethane	0.0021	U	0.0021	0.0010	mg/Kg	☼	10/12/25 12:37	10/14/25 14:08	1
Carbon disulfide	0.0010	U	0.0010	0.00028	mg/Kg	☼	10/12/25 12:37	10/14/25 14:08	1
Carbon tetrachloride	0.0010	U	0.0010	0.00041	mg/Kg	☼	10/12/25 12:37	10/14/25 14:08	1
Chlorobenzene	0.0010	U	0.0010	0.00053	mg/Kg	☼	10/12/25 12:37	10/14/25 14:08	1
Chlorobromomethane	0.0010	U	0.0010	0.00062	mg/Kg	☼	10/12/25 12:37	10/14/25 14:08	1
Chlorodibromomethane	0.0010	U	0.0010	0.00056	mg/Kg	☼	10/12/25 12:37	10/14/25 14:08	1
Chloroethane	0.0010	U	0.0010	0.00055	mg/Kg	☼	10/12/25 12:37	10/14/25 14:08	1
Chloroform	0.0010	U	0.0010	0.0010	mg/Kg	☼	10/12/25 12:37	10/14/25 14:08	1
Chloromethane	0.0010	U	0.0010	0.00046	mg/Kg	☼	10/12/25 12:37	10/14/25 14:08	1
cis-1,2-Dichloroethene	0.0010	U	0.0010	0.00037	mg/Kg	☼	10/12/25 12:37	10/14/25 14:08	1
cis-1,3-Dichloropropene	0.0010	U	0.0010	0.00029	mg/Kg	☼	10/12/25 12:37	10/14/25 14:08	1
Cyclohexane	0.0010	U	0.0010	0.00023	mg/Kg	☼	10/12/25 12:37	10/14/25 14:08	1
Dichlorobromomethane	0.0010	U	0.0010	0.00027	mg/Kg	☼	10/12/25 12:37	10/14/25 14:08	1
Dichlorodifluoromethane	0.0010	U	0.0010	0.00035	mg/Kg	☼	10/12/25 12:37	10/14/25 14:08	1
Ethylbenzene	0.0010	U	0.0010	0.00049	mg/Kg	☼	10/12/25 12:37	10/14/25 14:08	1
Ethylene Dibromide	0.0010	U	0.0010	0.00053	mg/Kg	☼	10/12/25 12:37	10/14/25 14:08	1
Isopropylbenzene	0.0010	U	0.0010	0.00030	mg/Kg	☼	10/12/25 12:37	10/14/25 14:08	1
Methyl acetate	0.0052	U	0.0052	0.0045	mg/Kg	☼	10/12/25 12:37	10/14/25 14:08	1
Methyl tert-butyl ether	0.0010	U	0.0010	0.00054	mg/Kg	☼	10/12/25 12:37	10/14/25 14:08	1
Methylcyclohexane	0.0010	U	0.0010	0.00052	mg/Kg	☼	10/12/25 12:37	10/14/25 14:08	1
Methylene Chloride	**0.0012**	**J**	0.0021	0.0012	mg/Kg	☼	10/12/25 12:37	10/14/25 14:08	1
m-Xylene & p-Xylene	0.0010	U	0.0010	0.00044	mg/Kg	☼	10/12/25 12:37	10/14/25 14:08	1
n-Butylbenzene	0.0010	U	0.0010	0.00031	mg/Kg	☼	10/12/25 12:37	10/14/25 14:08	1
N-Propylbenzene	0.0010	U	0.0010	0.00047	mg/Kg	☼	10/12/25 12:37	10/14/25 14:08	1
o-Xylene	0.0010	U	0.0010	0.00048	mg/Kg	☼	10/12/25 12:37	10/14/25 14:08	1
sec-Butylbenzene	0.0010	U	0.0010	0.00030	mg/Kg	☼	10/12/25 12:37	10/14/25 14:08	1
Styrene	0.0010	U	0.0010	0.00029	mg/Kg	☼	10/12/25 12:37	10/14/25 14:08	1

Client Sample ID: 50B1_4-5

Date Collected: 10/09/25 08:50
Date Received: 10/09/25 16:58

Lab Sample ID: 460-336881-55

Matrix: Solid
Percent Solids: 91.8

Method: SW846 8260D - Volatile Organic Compounds by GC/MS (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
tert-Butylbenzene	0.0010	U	0.0010	0.00029	mg/Kg	☼	10/12/25 12:37	10/14/25 14:08	1
Tetrachloroethene	0.0010	U	0.0010	0.00032	mg/Kg	☼	10/12/25 12:37	10/14/25 14:08	1
Toluene	**0.00040**	**J**	0.0010	0.00024	mg/Kg	☼	10/12/25 12:37	10/14/25 14:08	1
trans-1,2-Dichloroethene	0.0010	U	0.0010	0.00026	mg/Kg	☼	10/12/25 12:37	10/14/25 14:08	1
trans-1,3-Dichloropropene	0.0010	U	0.0010	0.00028	mg/Kg	☼	10/12/25 12:37	10/14/25 14:08	1
Trichloroethene	0.0010	U	0.0010	0.00034	mg/Kg	☼	10/12/25 12:37	10/14/25 14:08	1
Trichlorofluoromethane	0.0010	U	0.0010	0.00043	mg/Kg	☼	10/12/25 12:37	10/14/25 14:08	1
Vinyl chloride	0.0010	U	0.0010	0.00057	mg/Kg	☼	10/12/25 12:37	10/14/25 14:08	1
Xylenes, Total	0.0021	U	0.0021	0.00018	mg/Kg	☼	10/12/25 12:37	10/14/25 14:08	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,2-Dichloroethane-d4 (Surr)	*86*		*65 - 138*	*10/12/25 12:37*	*10/14/25 14:08*	*1*
4-Bromofluorobenzene	*99*		*71 - 128*	*10/12/25 12:37*	*10/14/25 14:08*	*1*
Dibromofluoromethane (Surr)	*97*		*50 - 150*	*10/12/25 12:37*	*10/14/25 14:08*	*1*
Toluene-d8 (Surr)	*100*		*71 - 126*	*10/12/25 12:37*	*10/14/25 14:08*	*1*

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Percent Moisture (EPA Moisture)	**8.2**		1.0	1.0	%			10/12/25 17:50	1
Percent Solids (EPA Moisture)	**91.8**		1.0	1.0	%			10/12/25 17:50	1

Client Sample ID: 50B2_5-6

Date Collected: 10/09/25 09:00
Date Received: 10/09/25 16:58

Lab Sample ID: 460-336881-56

Matrix: Solid
Percent Solids: 90.7

Method: SW846 8260D - Volatile Organic Compounds by GC/MS

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1-Trichloroethane	0.0012	U	0.0012	0.00028	mg/Kg	☼	10/12/25 12:37	10/14/25 14:32	1
1,1,2,2-Tetrachloroethane	0.0012	U	0.0012	0.00063	mg/Kg	☼	10/12/25 12:37	10/14/25 14:32	1
1,1,2-Trichloro-1,2,2-trifluoroethane	0.0012	U	0.0012	0.00036	mg/Kg	☼	10/12/25 12:37	10/14/25 14:32	1
1,1,2-Trichloroethane	0.0012	U	0.0012	0.00072	mg/Kg	☼	10/12/25 12:37	10/14/25 14:32	1
1,1-Dichloroethane	0.0012	U	0.0012	0.00072	mg/Kg	☼	10/12/25 12:37	10/14/25 14:32	1
1,1-Dichloroethene	0.0012	U	0.0012	0.00027	mg/Kg	☼	10/12/25 12:37	10/14/25 14:32	1
1,2,3-Trichlorobenzene	0.0012	U	0.0012	0.00089	mg/Kg	☼	10/12/25 12:37	10/14/25 14:32	1
1,2,4-Trichlorobenzene	0.0012	U	0.0012	0.00043	mg/Kg	☼	10/12/25 12:37	10/14/25 14:32	1
1,2,4-Trimethylbenzene	0.0012	U	0.0012	0.00030	mg/Kg	☼	10/12/25 12:37	10/14/25 14:32	1
1,2-Dibromo-3-Chloropropane	0.0012	U	0.0012	0.00055	mg/Kg	☼	10/12/25 12:37	10/14/25 14:32	1
1,2-Dichlorobenzene	0.0012	U	0.0012	0.00043	mg/Kg	☼	10/12/25 12:37	10/14/25 14:32	1
1,2-Dichloroethane	0.0012	U	0.0012	0.00036	mg/Kg	☼	10/12/25 12:37	10/14/25 14:32	1
1,2-Dichloropropane	0.0012	U	0.0012	0.00051	mg/Kg	☼	10/12/25 12:37	10/14/25 14:32	1
1,3,5-Trimethylbenzene	0.0012	U	0.0012	0.00038	mg/Kg	☼	10/12/25 12:37	10/14/25 14:32	1
1,3-Dichlorobenzene	0.0012	U	0.0012	0.00044	mg/Kg	☼	10/12/25 12:37	10/14/25 14:32	1
1,4-Dichlorobenzene	0.0012	U	0.0012	0.00062	mg/Kg	☼	10/12/25 12:37	10/14/25 14:32	1
2-Butanone (MEK)	0.0060	U	0.0060	0.00044	mg/Kg	☼	10/12/25 12:37	10/14/25 14:32	1
2-Hexanone	0.0060	U	0.0060	0.0021	mg/Kg	☼	10/12/25 12:37	10/14/25 14:32	1
4-Methyl-2-pentanone (MIBK)	0.0060	U	0.0060	0.0019	mg/Kg	☼	10/12/25 12:37	10/14/25 14:32	1
Acetone	0.0072	U	0.0072	0.0069	mg/Kg	☼	10/12/25 12:37	10/14/25 14:32	1
Benzene	0.0012	U	0.0012	0.00068	mg/Kg	☼	10/12/25 12:37	10/14/25 14:32	1
Bromoform	0.0012	U	0.0012	0.00051	mg/Kg	☼	10/12/25 12:37	10/14/25 14:32	1
Bromomethane	0.0024	U	0.0024	0.0012	mg/Kg	☼	10/12/25 12:37	10/14/25 14:32	1

Client Sample ID: 50B2_5-6
Date Collected: 10/09/25 09:00
Date Received: 10/09/25 16:58

Lab Sample ID: 460-336881-56
Matrix: Solid
Percent Solids: 90.7

Method: SW846 8260D - Volatile Organic Compounds by GC/MS (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Carbon disulfide	0.0012	U	0.0012	0.00032	mg/Kg	☼	10/12/25 12:37	10/14/25 14:32	1
Carbon tetrachloride	0.0012	U	0.0012	0.00046	mg/Kg	☼	10/12/25 12:37	10/14/25 14:32	1
Chlorobenzene	0.0012	U	0.0012	0.00061	mg/Kg	☼	10/12/25 12:37	10/14/25 14:32	1
Chlorobromomethane	0.0012	U	0.0012	0.00072	mg/Kg	☼	10/12/25 12:37	10/14/25 14:32	1
Chlorodibromomethane	0.0012	U	0.0012	0.00064	mg/Kg	☼	10/12/25 12:37	10/14/25 14:32	1
Chloroethane	0.0012	U	0.0012	0.00063	mg/Kg	☼	10/12/25 12:37	10/14/25 14:32	1
Chloroform	0.0012	U	0.0012	0.0012	mg/Kg	☼	10/12/25 12:37	10/14/25 14:32	1
Chloromethane	0.0012	U	0.0012	0.00052	mg/Kg	☼	10/12/25 12:37	10/14/25 14:32	1
cis-1,2-Dichloroethene	0.0012	U	0.0012	0.00043	mg/Kg	☼	10/12/25 12:37	10/14/25 14:32	1
cis-1,3-Dichloropropene	0.0012	U	0.0012	0.00033	mg/Kg	☼	10/12/25 12:37	10/14/25 14:32	1
Cyclohexane	0.0012	U	0.0012	0.00027	mg/Kg	☼	10/12/25 12:37	10/14/25 14:32	1
Dichlorobromomethane	0.0012	U	0.0012	0.00031	mg/Kg	☼	10/12/25 12:37	10/14/25 14:32	1
Dichlorodifluoromethane	0.0012	U	0.0012	0.00041	mg/Kg	☼	10/12/25 12:37	10/14/25 14:32	1
Ethylbenzene	0.0012	U	0.0012	0.00056	mg/Kg	☼	10/12/25 12:37	10/14/25 14:32	1
Ethylene Dibromide	0.0012	U	0.0012	0.00060	mg/Kg	☼	10/12/25 12:37	10/14/25 14:32	1
Isopropylbenzene	0.0012	U	0.0012	0.00034	mg/Kg	☼	10/12/25 12:37	10/14/25 14:32	1
Methyl acetate	0.0060	U	0.0060	0.0052	mg/Kg	☼	10/12/25 12:37	10/14/25 14:32	1
Methyl tert-butyl ether	0.0012	U	0.0012	0.00061	mg/Kg	☼	10/12/25 12:37	10/14/25 14:32	1
Methylcyclohexane	0.0012	U	0.0012	0.00060	mg/Kg	☼	10/12/25 12:37	10/14/25 14:32	1
Methylene Chloride	0.0024	U	0.0024	0.0014	mg/Kg	☼	10/12/25 12:37	10/14/25 14:32	1
m-Xylene & p-Xylene	0.0012	U	0.0012	0.00051	mg/Kg	☼	10/12/25 12:37	10/14/25 14:32	1
n-Butylbenzene	0.0012	U	0.0012	0.00035	mg/Kg	☼	10/12/25 12:37	10/14/25 14:32	1
N-Propylbenzene	0.0012	U	0.0012	0.00054	mg/Kg	☼	10/12/25 12:37	10/14/25 14:32	1
o-Xylene	0.0012	U	0.0012	0.00055	mg/Kg	☼	10/12/25 12:37	10/14/25 14:32	1
sec-Butylbenzene	0.0012	U	0.0012	0.00035	mg/Kg	☼	10/12/25 12:37	10/14/25 14:32	1
Styrene	0.0012	U	0.0012	0.00033	mg/Kg	☼	10/12/25 12:37	10/14/25 14:32	1
tert-Butylbenzene	0.0012	U	0.0012	0.00033	mg/Kg	☼	10/12/25 12:37	10/14/25 14:32	1
Tetrachloroethene	0.0012	U	0.0012	0.00037	mg/Kg	☼	10/12/25 12:37	10/14/25 14:32	1
Toluene	**0.00083**	**J**	0.0012	0.00028	mg/Kg	☼	10/12/25 12:37	10/14/25 14:32	1
trans-1,2-Dichloroethene	0.0012	U	0.0012	0.00030	mg/Kg	☼	10/12/25 12:37	10/14/25 14:32	1
trans-1,3-Dichloropropene	0.0012	U	0.0012	0.00032	mg/Kg	☼	10/12/25 12:37	10/14/25 14:32	1
Trichloroethene	0.0012	U	0.0012	0.00039	mg/Kg	☼	10/12/25 12:37	10/14/25 14:32	1
Trichlorofluoromethane	0.0012	U	0.0012	0.00049	mg/Kg	☼	10/12/25 12:37	10/14/25 14:32	1
Vinyl chloride	0.0012	U	0.0012	0.00066	mg/Kg	☼	10/12/25 12:37	10/14/25 14:32	1
Xylenes, Total	0.0024	U	0.0024	0.00021	mg/Kg	☼	10/12/25 12:37	10/14/25 14:32	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,2-Dichloroethane-d4 (Surr)	*87*		*65 - 138*	*10/12/25 12:37*	*10/14/25 14:32*	*1*
4-Bromofluorobenzene	*97*		*71 - 128*	*10/12/25 12:37*	*10/14/25 14:32*	*1*
Dibromofluoromethane (Surr)	*99*		*50 - 150*	*10/12/25 12:37*	*10/14/25 14:32*	*1*
Toluene-d8 (Surr)	*100*		*71 - 126*	*10/12/25 12:37*	*10/14/25 14:32*	*1*

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Percent Moisture (EPA Moisture)	**9.3**		1.0	1.0	%			10/12/25 17:50	1
Percent Solids (EPA Moisture)	**90.7**		1.0	1.0	%			10/12/25 17:50	1

Client: Haley & Aldrich, Inc.
Project/Site: Former Port Mobil

Job ID: 460-336881-1

Client Sample ID: 50B1_6-7
Date Collected: 10/09/25 09:05
Date Received: 10/09/25 16:58

Lab Sample ID: 460-336881-57
Matrix: Solid
Percent Solids: 89.8

Method: SW846 8260D - Volatile Organic Compounds by GC/MS

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1-Trichloroethane	0.0011	U	0.0011	0.00025	mg/Kg	☼	10/12/25 12:38	10/14/25 14:56	1
1,1,2,2-Tetrachloroethane	0.0011	U	0.0011	0.00056	mg/Kg	☼	10/12/25 12:38	10/14/25 14:56	1
1,1,2-Trichloro-1,2,2-trifluoroethane	0.0011	U	0.0011	0.00032	mg/Kg	☼	10/12/25 12:38	10/14/25 14:56	1
1,1,2-Trichloroethane	0.0011	U	0.0011	0.00064	mg/Kg	☼	10/12/25 12:38	10/14/25 14:56	1
1,1-Dichloroethane	0.0011	U	0.0011	0.00063	mg/Kg	☼	10/12/25 12:38	10/14/25 14:56	1
1,1-Dichloroethene	0.0011	U	0.0011	0.00024	mg/Kg	☼	10/12/25 12:38	10/14/25 14:56	1
1,2,3-Trichlorobenzene	0.0011	U	0.0011	0.00078	mg/Kg	☼	10/12/25 12:38	10/14/25 14:56	1
1,2,4-Trichlorobenzene	0.0011	U	0.0011	0.00038	mg/Kg	☼	10/12/25 12:38	10/14/25 14:56	1
1,2,4-Trimethylbenzene	0.0011	U	0.0011	0.00026	mg/Kg	☼	10/12/25 12:38	10/14/25 14:56	1
1,2-Dibromo-3-Chloropropane	0.0011	U	0.0011	0.00049	mg/Kg	☼	10/12/25 12:38	10/14/25 14:56	1
1,2-Dichlorobenzene	0.0011	U	0.0011	0.00038	mg/Kg	☼	10/12/25 12:38	10/14/25 14:56	1
1,2-Dichloroethane	0.0011	U	0.0011	0.00031	mg/Kg	☼	10/12/25 12:38	10/14/25 14:56	1
1,2-Dichloropropane	0.0011	U	0.0011	0.00045	mg/Kg	☼	10/12/25 12:38	10/14/25 14:56	1
1,3,5-Trimethylbenzene	0.0011	U	0.0011	0.00033	mg/Kg	☼	10/12/25 12:38	10/14/25 14:56	1
1,3-Dichlorobenzene	0.0011	U	0.0011	0.00039	mg/Kg	☼	10/12/25 12:38	10/14/25 14:56	1
1,4-Dichlorobenzene	0.0011	U	0.0011	0.00055	mg/Kg	☼	10/12/25 12:38	10/14/25 14:56	1
2-Butanone (MEK)	0.0053	U	0.0053	0.00039	mg/Kg	☼	10/12/25 12:38	10/14/25 14:56	1
2-Hexanone	0.0053	U	0.0053	0.0018	mg/Kg	☼	10/12/25 12:38	10/14/25 14:56	1
4-Methyl-2-pentanone (MIBK)	0.0053	U	0.0053	0.0017	mg/Kg	☼	10/12/25 12:38	10/14/25 14:56	1
Acetone	0.0064	U	0.0064	0.0061	mg/Kg	☼	10/12/25 12:38	10/14/25 14:56	1
Benzene	0.0011	U	0.0011	0.00060	mg/Kg	☼	10/12/25 12:38	10/14/25 14:56	1
Bromoform	0.0011	U	0.0011	0.00045	mg/Kg	☼	10/12/25 12:38	10/14/25 14:56	1
Bromomethane	0.0021	U	0.0021	0.0011	mg/Kg	☼	10/12/25 12:38	10/14/25 14:56	1
Carbon disulfide	0.0011	U	0.0011	0.00028	mg/Kg	☼	10/12/25 12:38	10/14/25 14:56	1
Carbon tetrachloride	0.0011	U	0.0011	0.00041	mg/Kg	☼	10/12/25 12:38	10/14/25 14:56	1
Chlorobenzene	0.0011	U	0.0011	0.00054	mg/Kg	☼	10/12/25 12:38	10/14/25 14:56	1
Chlorobromomethane	0.0011	U	0.0011	0.00063	mg/Kg	☼	10/12/25 12:38	10/14/25 14:56	1
Chlorodibromomethane	0.0011	U	0.0011	0.00057	mg/Kg	☼	10/12/25 12:38	10/14/25 14:56	1
Chloroethane	0.0011	U	0.0011	0.00056	mg/Kg	☼	10/12/25 12:38	10/14/25 14:56	1
Chloroform	0.0011	U	0.0011	0.0010	mg/Kg	☼	10/12/25 12:38	10/14/25 14:56	1
Chloromethane	0.0011	U	0.0011	0.00046	mg/Kg	☼	10/12/25 12:38	10/14/25 14:56	1
cis-1,2-Dichloroethene	0.0011	U	0.0011	0.00038	mg/Kg	☼	10/12/25 12:38	10/14/25 14:56	1
cis-1,3-Dichloropropene	0.0011	U	0.0011	0.00029	mg/Kg	☼	10/12/25 12:38	10/14/25 14:56	1
Cyclohexane	0.0011	U	0.0011	0.00023	mg/Kg	☼	10/12/25 12:38	10/14/25 14:56	1
Dichlorobromomethane	0.0011	U	0.0011	0.00027	mg/Kg	☼	10/12/25 12:38	10/14/25 14:56	1
Dichlorodifluoromethane	0.0011	U	0.0011	0.00036	mg/Kg	☼	10/12/25 12:38	10/14/25 14:56	1
Ethylbenzene	0.0011	U	0.0011	0.00050	mg/Kg	☼	10/12/25 12:38	10/14/25 14:56	1
Ethylene Dibromide	0.0011	U	0.0011	0.00054	mg/Kg	☼	10/12/25 12:38	10/14/25 14:56	1
Isopropylbenzene	0.0011	U	0.0011	0.00030	mg/Kg	☼	10/12/25 12:38	10/14/25 14:56	1
Methyl acetate	0.0053	U	0.0053	0.0046	mg/Kg	☼	10/12/25 12:38	10/14/25 14:56	1
Methyl tert-butyl ether	0.0011	U	0.0011	0.00054	mg/Kg	☼	10/12/25 12:38	10/14/25 14:56	1
Methylcyclohexane	0.0011	U	0.0011	0.00053	mg/Kg	☼	10/12/25 12:38	10/14/25 14:56	1
Methylene Chloride	0.0021	U	0.0021	0.0012	mg/Kg	☼	10/12/25 12:38	10/14/25 14:56	1
m-Xylene & p-Xylene	0.0011	U	0.0011	0.00045	mg/Kg	☼	10/12/25 12:38	10/14/25 14:56	1
n-Butylbenzene	0.0011	U	0.0011	0.00031	mg/Kg	☼	10/12/25 12:38	10/14/25 14:56	1
N-Propylbenzene	0.0011	U	0.0011	0.00048	mg/Kg	☼	10/12/25 12:38	10/14/25 14:56	1
o-Xylene	0.0011	U	0.0011	0.00049	mg/Kg	☼	10/12/25 12:38	10/14/25 14:56	1
sec-Butylbenzene	0.0011	U	0.0011	0.00031	mg/Kg	☼	10/12/25 12:38	10/14/25 14:56	1
Styrene	0.0011	U	0.0011	0.00030	mg/Kg	☼	10/12/25 12:38	10/14/25 14:56	1

Client Sample ID: 50B1_6-7

Lab Sample ID: 460-336881-57

Date Collected: 10/09/25 09:05
Matrix: Solid
Date Received: 10/09/25 16:58
Percent Solids: 89.8

Method: SW846 8260D - Volatile Organic Compounds by GC/MS (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
tert-Butylbenzene	0.0011	U	0.0011	0.00029	mg/Kg	☼	10/12/25 12:38	10/14/25 14:56	1
Tetrachloroethene	0.0011	U	0.0011	0.00032	mg/Kg	☼	10/12/25 12:38	10/14/25 14:56	1
Toluene	**0.00086**	**J**	0.0011	0.00025	mg/Kg	☼	10/12/25 12:38	10/14/25 14:56	1
trans-1,2-Dichloroethene	0.0011	U	0.0011	0.00026	mg/Kg	☼	10/12/25 12:38	10/14/25 14:56	1
trans-1,3-Dichloropropene	0.0011	U	0.0011	0.00028	mg/Kg	☼	10/12/25 12:38	10/14/25 14:56	1
Trichloroethene	0.0011	U	0.0011	0.00034	mg/Kg	☼	10/12/25 12:38	10/14/25 14:56	1
Trichlorofluoromethane	0.0011	U	0.0011	0.00043	mg/Kg	☼	10/12/25 12:38	10/14/25 14:56	1
Vinyl chloride	0.0011	U	0.0011	0.00058	mg/Kg	☼	10/12/25 12:38	10/14/25 14:56	1
Xylenes, Total	0.0021	U	0.0021	0.00019	mg/Kg	☼	10/12/25 12:38	10/14/25 14:56	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,2-Dichloroethane-d4 (Surr)	*85*		*65 - 138*	*10/12/25 12:38*	*10/14/25 14:56*	*1*
4-Bromofluorobenzene	*98*		*71 - 128*	*10/12/25 12:38*	*10/14/25 14:56*	*1*
Dibromofluoromethane (Surr)	*100*		*50 - 150*	*10/12/25 12:38*	*10/14/25 14:56*	*1*
Toluene-d8 (Surr)	*100*		*71 - 126*	*10/12/25 12:38*	*10/14/25 14:56*	*1*

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Percent Moisture (EPA Moisture)	**10.2**		1.0	1.0	%			10/12/25 17:50	1
Percent Solids (EPA Moisture)	**89.8**		1.0	1.0	%			10/12/25 17:50	1

Client Sample ID: 50B3_7-8

Lab Sample ID: 460-336881-58

Date Collected: 10/09/25 09:10
Matrix: Solid
Date Received: 10/09/25 16:58
Percent Solids: 92.4

Method: SW846 8260D - Volatile Organic Compounds by GC/MS

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1-Trichloroethane	0.0011	U	0.0011	0.00026	mg/Kg	☼	10/12/25 12:38	10/14/25 15:20	1
1,1,2,2-Tetrachloroethane	0.0011	U	0.0011	0.00059	mg/Kg	☼	10/12/25 12:38	10/14/25 15:20	1
1,1,2-Trichloro-1,2,2-trifluoroethane	0.0011	U	0.0011	0.00034	mg/Kg	☼	10/12/25 12:38	10/14/25 15:20	1
1,1,2-Trichloroethane	0.0011	U	0.0011	0.00068	mg/Kg	☼	10/12/25 12:38	10/14/25 15:20	1
1,1-Dichloroethane	0.0011	U	0.0011	0.00068	mg/Kg	☼	10/12/25 12:38	10/14/25 15:20	1
1,1-Dichloroethene	0.0011	U	0.0011	0.00026	mg/Kg	☼	10/12/25 12:38	10/14/25 15:20	1
1,2,3-Trichlorobenzene	0.0011	U	0.0011	0.00084	mg/Kg	☼	10/12/25 12:38	10/14/25 15:20	1
1,2,4-Trichlorobenzene	0.0011	U	0.0011	0.00041	mg/Kg	☼	10/12/25 12:38	10/14/25 15:20	1
1,2,4-Trimethylbenzene	0.0011	U	0.0011	0.00028	mg/Kg	☼	10/12/25 12:38	10/14/25 15:20	1
1,2-Dibromo-3-Chloropropane	0.0011	U	0.0011	0.00052	mg/Kg	☼	10/12/25 12:38	10/14/25 15:20	1
1,2-Dichlorobenzene	0.0011	U	0.0011	0.00041	mg/Kg	☼	10/12/25 12:38	10/14/25 15:20	1
1,2-Dichloroethane	0.0011	U	0.0011	0.00034	mg/Kg	☼	10/12/25 12:38	10/14/25 15:20	1
1,2-Dichloropropane	0.0011	U	0.0011	0.00048	mg/Kg	☼	10/12/25 12:38	10/14/25 15:20	1
1,3,5-Trimethylbenzene	0.0011	U	0.0011	0.00036	mg/Kg	☼	10/12/25 12:38	10/14/25 15:20	1
1,3-Dichlorobenzene	0.0011	U	0.0011	0.00042	mg/Kg	☼	10/12/25 12:38	10/14/25 15:20	1
1,4-Dichlorobenzene	0.0011	U	0.0011	0.00059	mg/Kg	☼	10/12/25 12:38	10/14/25 15:20	1
2-Butanone (MEK)	0.0057	U	0.0057	0.00042	mg/Kg	☼	10/12/25 12:38	10/14/25 15:20	1
2-Hexanone	0.0057	U	0.0057	0.0019	mg/Kg	☼	10/12/25 12:38	10/14/25 15:20	1
4-Methyl-2-pentanone (MIBK)	0.0057	U	0.0057	0.0018	mg/Kg	☼	10/12/25 12:38	10/14/25 15:20	1
Acetone	0.0068	U	0.0068	0.0065	mg/Kg	☼	10/12/25 12:38	10/14/25 15:20	1
Benzene	0.0011	U	0.0011	0.00064	mg/Kg	☼	10/12/25 12:38	10/14/25 15:20	1
Bromoform	0.0011	U	0.0011	0.00048	mg/Kg	☼	10/12/25 12:38	10/14/25 15:20	1
Bromomethane	0.0023	U	0.0023	0.0011	mg/Kg	☼	10/12/25 12:38	10/14/25 15:20	1

Client Sample ID: 50B3_7-8
Date Collected: 10/09/25 09:10
Date Received: 10/09/25 16:58

Lab Sample ID: 460-336881-58
Matrix: Solid
Percent Solids: 92.4

Method: SW846 8260D - Volatile Organic Compounds by GC/MS (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Carbon disulfide	0.0011	U	0.0011	0.00030	mg/Kg	☼	10/12/25 12:38	10/14/25 15:20	1
Carbon tetrachloride	0.0011	U	0.0011	0.00044	mg/Kg	☼	10/12/25 12:38	10/14/25 15:20	1
Chlorobenzene	0.0011	U	0.0011	0.00058	mg/Kg	☼	10/12/25 12:38	10/14/25 15:20	1
Chlorobromomethane	0.0011	U	0.0011	0.00068	mg/Kg	☼	10/12/25 12:38	10/14/25 15:20	1
Chlorodibromomethane	0.0011	U	0.0011	0.00061	mg/Kg	☼	10/12/25 12:38	10/14/25 15:20	1
Chloroethane	0.0011	U	0.0011	0.00059	mg/Kg	☼	10/12/25 12:38	10/14/25 15:20	1
Chloroform	0.0011	U	0.0011	0.0011	mg/Kg	☼	10/12/25 12:38	10/14/25 15:20	1
Chloromethane	0.0011	U	0.0011	0.00049	mg/Kg	☼	10/12/25 12:38	10/14/25 15:20	1
cis-1,2-Dichloroethene	0.0011	U	0.0011	0.00041	mg/Kg	☼	10/12/25 12:38	10/14/25 15:20	1
cis-1,3-Dichloropropene	0.0011	U	0.0011	0.00031	mg/Kg	☼	10/12/25 12:38	10/14/25 15:20	1
Cyclohexane	0.0011	U	0.0011	0.00025	mg/Kg	☼	10/12/25 12:38	10/14/25 15:20	1
Dichlorobromomethane	0.0011	U	0.0011	0.00029	mg/Kg	☼	10/12/25 12:38	10/14/25 15:20	1
Dichlorodifluoromethane	0.0011	U	0.0011	0.00038	mg/Kg	☼	10/12/25 12:38	10/14/25 15:20	1
Ethylbenzene	0.0011	U	0.0011	0.00053	mg/Kg	☼	10/12/25 12:38	10/14/25 15:20	1
Ethylene Dibromide	0.0011	U	0.0011	0.00057	mg/Kg	☼	10/12/25 12:38	10/14/25 15:20	1
Isopropylbenzene	0.0011	U	0.0011	0.00032	mg/Kg	☼	10/12/25 12:38	10/14/25 15:20	1
Methyl acetate	0.0057	U	0.0057	0.0049	mg/Kg	☼	10/12/25 12:38	10/14/25 15:20	1
Methyl tert-butyl ether	0.0011	U	0.0011	0.00058	mg/Kg	☼	10/12/25 12:38	10/14/25 15:20	1
Methylcyclohexane	0.0011	U	0.0011	0.00057	mg/Kg	☼	10/12/25 12:38	10/14/25 15:20	1
Methylene Chloride	**0.0018**	**J**	0.0023	0.0013	mg/Kg	☼	10/12/25 12:38	10/14/25 15:20	1
m-Xylene & p-Xylene	0.0011	U	0.0011	0.00048	mg/Kg	☼	10/12/25 12:38	10/14/25 15:20	1
n-Butylbenzene	0.0011	U	0.0011	0.00033	mg/Kg	☼	10/12/25 12:38	10/14/25 15:20	1
N-Propylbenzene	0.0011	U	0.0011	0.00051	mg/Kg	☼	10/12/25 12:38	10/14/25 15:20	1
o-Xylene	0.0011	U	0.0011	0.00052	mg/Kg	☼	10/12/25 12:38	10/14/25 15:20	1
sec-Butylbenzene	0.0011	U	0.0011	0.00033	mg/Kg	☼	10/12/25 12:38	10/14/25 15:20	1
Styrene	0.0011	U	0.0011	0.00032	mg/Kg	☼	10/12/25 12:38	10/14/25 15:20	1
tert-Butylbenzene	0.0011	U	0.0011	0.00031	mg/Kg	☼	10/12/25 12:38	10/14/25 15:20	1
Tetrachloroethene	0.0011	U	0.0011	0.00035	mg/Kg	☼	10/12/25 12:38	10/14/25 15:20	1
Toluene	0.0011	U	0.0011	0.00027	mg/Kg	☼	10/12/25 12:38	10/14/25 15:20	1
trans-1,2-Dichloroethene	0.0011	U	0.0011	0.00028	mg/Kg	☼	10/12/25 12:38	10/14/25 15:20	1
trans-1,3-Dichloropropene	0.0011	U	0.0011	0.00030	mg/Kg	☼	10/12/25 12:38	10/14/25 15:20	1
Trichloroethene	0.0011	U	0.0011	0.00036	mg/Kg	☼	10/12/25 12:38	10/14/25 15:20	1
Trichlorofluoromethane	0.0011	U	0.0011	0.00046	mg/Kg	☼	10/12/25 12:38	10/14/25 15:20	1
Vinyl chloride	0.0011	U	0.0011	0.00062	mg/Kg	☼	10/12/25 12:38	10/14/25 15:20	1
Xylenes, Total	0.0023	U	0.0023	0.00020	mg/Kg	☼	10/12/25 12:38	10/14/25 15:20	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,2-Dichloroethane-d4 (Surr)	*86*		*65 - 138*	*10/12/25 12:38*	*10/14/25 15:20*	*1*
4-Bromofluorobenzene	*115*		*71 - 128*	*10/12/25 12:38*	*10/14/25 15:20*	*1*
Dibromofluoromethane (Surr)	*100*		*50 - 150*	*10/12/25 12:38*	*10/14/25 15:20*	*1*
Toluene-d8 (Surr)	*104*		*71 - 126*	*10/12/25 12:38*	*10/14/25 15:20*	*1*

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Percent Moisture (EPA Moisture)	**7.6**		1.0	1.0	%			10/12/25 17:50	1
Percent Solids (EPA Moisture)	**92.4**		1.0	1.0	%			10/12/25 17:50	1

Client Sample ID: 50C1_1-2
Date Collected: 10/09/25 09:15
Date Received: 10/09/25 16:58

Lab Sample ID: 460-336881-59
Matrix: Solid
Percent Solids: 96.3

Method: SW846 8260D - Volatile Organic Compounds by GC/MS

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1-Trichloroethane	0.0087	U	0.0087	0.0020	mg/Kg	☼	10/12/25 12:38	10/15/25 23:41	1
1,1,2,2-Tetrachloroethane	0.0087	U	0.0087	0.0045	mg/Kg	☼	10/12/25 12:38	10/15/25 23:41	1
1,1,2-Trichloro-1,2,2-trifluoroethane	0.0087	U	0.0087	0.0026	mg/Kg	☼	10/12/25 12:38	10/15/25 23:41	1
1,1,2-Trichloroethane	0.0087	U	0.0087	0.0052	mg/Kg	☼	10/12/25 12:38	10/15/25 23:41	1
1,1-Dichloroethane	0.0087	U	0.0087	0.0052	mg/Kg	☼	10/12/25 12:38	10/15/25 23:41	1
1,1-Dichloroethene	0.0087	U	0.0087	0.0020	mg/Kg	☼	10/12/25 12:38	10/15/25 23:41	1
1,2,3-Trichlorobenzene	0.0087	U	0.0087	0.0064	mg/Kg	☼	10/12/25 12:38	10/15/25 23:41	1
1,2,4-Trichlorobenzene	0.0087	U	0.0087	0.0031	mg/Kg	☼	10/12/25 12:38	10/15/25 23:41	1
1,2,4-Trimethylbenzene	0.0087	U	0.0087	0.0021	mg/Kg	☼	10/12/25 12:38	10/15/25 23:41	1
1,2-Dibromo-3-Chloropropane	0.0087	U	0.0087	0.0040	mg/Kg	☼	10/12/25 12:38	10/15/25 23:41	1
1,2-Dichlorobenzene	0.0087	U	0.0087	0.0031	mg/Kg	☼	10/12/25 12:38	10/15/25 23:41	1
1,2-Dichloroethane	0.0087	U	0.0087	0.0026	mg/Kg	☼	10/12/25 12:38	10/15/25 23:41	1
1,2-Dichloropropane	0.0087	U	0.0087	0.0037	mg/Kg	☼	10/12/25 12:38	10/15/25 23:41	1
1,3,5-Trimethylbenzene	0.0087	U	0.0087	0.0027	mg/Kg	☼	10/12/25 12:38	10/15/25 23:41	1
1,3-Dichlorobenzene	0.0087	U	0.0087	0.0032	mg/Kg	☼	10/12/25 12:38	10/15/25 23:41	1
1,4-Dichlorobenzene	0.0087	U	0.0087	0.0045	mg/Kg	☼	10/12/25 12:38	10/15/25 23:41	1
2-Butanone (MEK)	0.044	U	0.044	0.0032	mg/Kg	☼	10/12/25 12:38	10/15/25 23:41	1
2-Hexanone	0.044	U	0.044	0.015	mg/Kg	☼	10/12/25 12:38	10/15/25 23:41	1
4-Methyl-2-pentanone (MIBK)	0.044	U	0.044	0.014	mg/Kg	☼	10/12/25 12:38	10/15/25 23:41	1
Acetone	0.052	U	0.052	0.050	mg/Kg	☼	10/12/25 12:38	10/15/25 23:41	1
Benzene	0.0087	U	0.0087	0.0049	mg/Kg	☼	10/12/25 12:38	10/15/25 23:41	1
Bromoform	0.0087	U	0.0087	0.0037	mg/Kg	☼	10/12/25 12:38	10/15/25 23:41	1
Bromomethane	0.017	U	0.017	0.0087	mg/Kg	☼	10/12/25 12:38	10/15/25 23:41	1
Carbon disulfide	0.0087	U	0.0087	0.0023	mg/Kg	☼	10/12/25 12:38	10/15/25 23:41	1
Carbon tetrachloride	0.0087	U	0.0087	0.0034	mg/Kg	☼	10/12/25 12:38	10/15/25 23:41	1
Chlorobenzene	0.0087	U	0.0087	0.0044	mg/Kg	☼	10/12/25 12:38	10/15/25 23:41	1
Chlorobromomethane	0.0087	U	0.0087	0.0052	mg/Kg	☼	10/12/25 12:38	10/15/25 23:41	1
Chlorodibromomethane	0.0087	U	0.0087	0.0047	mg/Kg	☼	10/12/25 12:38	10/15/25 23:41	1
Chloroethane	0.0087	U	0.0087	0.0045	mg/Kg	☼	10/12/25 12:38	10/15/25 23:41	1
Chloroform	0.0087	U	0.0087	0.0085	mg/Kg	☼	10/12/25 12:38	10/15/25 23:41	1
Chloromethane	0.0087	U	0.0087	0.0038	mg/Kg	☼	10/12/25 12:38	10/15/25 23:41	1
cis-1,2-Dichloroethene	0.0087	U	0.0087	0.0031	mg/Kg	☼	10/12/25 12:38	10/15/25 23:41	1
cis-1,3-Dichloropropene	0.0087	U	0.0087	0.0024	mg/Kg	☼	10/12/25 12:38	10/15/25 23:41	1
Cyclohexane	0.0087	U	0.0087	0.0019	mg/Kg	☼	10/12/25 12:38	10/15/25 23:41	1
Dichlorobromomethane	0.0087	U	0.0087	0.0022	mg/Kg	☼	10/12/25 12:38	10/15/25 23:41	1
Dichlorodifluoromethane	0.0087	U	0.0087	0.0029	mg/Kg	☼	10/12/25 12:38	10/15/25 23:41	1
Ethylbenzene	0.0087	U	0.0087	0.0041	mg/Kg	☼	10/12/25 12:38	10/15/25 23:41	1
Ethylene Dibromide	0.0087	U	0.0087	0.0044	mg/Kg	☼	10/12/25 12:38	10/15/25 23:41	1
Isopropylbenzene	0.0087	U	0.0087	0.0025	mg/Kg	☼	10/12/25 12:38	10/15/25 23:41	1
Methyl acetate	0.044	U	0.044	0.037	mg/Kg	☼	10/12/25 12:38	10/15/25 23:41	1
Methyl tert-butyl ether	0.0087	U	0.0087	0.0045	mg/Kg	☼	10/12/25 12:38	10/15/25 23:41	1
Methylcyclohexane	0.0087	U	0.0087	0.0043	mg/Kg	☼	10/12/25 12:38	10/15/25 23:41	1
Methylene Chloride	0.017	U	0.017	0.010	mg/Kg	☼	10/12/25 12:38	10/15/25 23:41	1
m-Xylene & p-Xylene	0.0087	U	0.0087	0.0037	mg/Kg	☼	10/12/25 12:38	10/15/25 23:41	1
n-Butylbenzene	0.0087	U	0.0087	0.0026	mg/Kg	☼	10/12/25 12:38	10/15/25 23:41	1
N-Propylbenzene	0.0087	U	0.0087	0.0039	mg/Kg	☼	10/12/25 12:38	10/15/25 23:41	1
o-Xylene	0.0087	U	0.0087	0.0040	mg/Kg	☼	10/12/25 12:38	10/15/25 23:41	1
sec-Butylbenzene	0.0087	U	0.0087	0.0025	mg/Kg	☼	10/12/25 12:38	10/15/25 23:41	1
Styrene	0.0087	U	0.0087	0.0024	mg/Kg	☼	10/12/25 12:38	10/15/25 23:41	1

Client Sample ID: 50C1_1-2

Lab Sample ID: 460-336881-59

Date Collected: 10/09/25 09:15
Matrix: Solid
Date Received: 10/09/25 16:58
Percent Solids: 96.3

Method: SW846 8260D - Volatile Organic Compounds by GC/MS (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
tert-Butylbenzene	0.0087	U	0.0087	0.0024	mg/Kg	☼	10/12/25 12:38	10/15/25 23:41	1
Tetrachloroethene	0.0087	U	0.0087	0.0027	mg/Kg	☼	10/12/25 12:38	10/15/25 23:41	1
Toluene	0.0087	U	0.0087	0.0020	mg/Kg	☼	10/12/25 12:38	10/15/25 23:41	1
trans-1,2-Dichloroethene	0.0087	U	0.0087	0.0021	mg/Kg	☼	10/12/25 12:38	10/15/25 23:41	1
trans-1,3-Dichloropropene	0.0087	U	0.0087	0.0023	mg/Kg	☼	10/12/25 12:38	10/15/25 23:41	1
Trichloroethene	0.0087	U	0.0087	0.0028	mg/Kg	☼	10/12/25 12:38	10/15/25 23:41	1
Trichlorofluoromethane	0.0087	U	0.0087	0.0035	mg/Kg	☼	10/12/25 12:38	10/15/25 23:41	1
Vinyl chloride	0.0087	U	0.0087	0.0048	mg/Kg	☼	10/12/25 12:38	10/15/25 23:41	1
Xylenes, Total	0.017	U	0.017	0.0015	mg/Kg	☼	10/12/25 12:38	10/15/25 23:41	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,2-Dichloroethane-d4 (Surr)	*104*		*65 - 138*	*10/12/25 12:38*	*10/15/25 23:41*	*1*
4-Bromofluorobenzene	*100*		*71 - 128*	*10/12/25 12:38*	*10/15/25 23:41*	*1*
Dibromofluoromethane (Surr)	*101*		*50 - 150*	*10/12/25 12:38*	*10/15/25 23:41*	*1*
Toluene-d8 (Surr)	*94*		*71 - 126*	*10/12/25 12:38*	*10/15/25 23:41*	*1*

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Percent Moisture (EPA Moisture)	**3.7**		1.0	1.0	%			10/12/25 17:50	1
Percent Solids (EPA Moisture)	**96.3**		1.0	1.0	%			10/12/25 17:50	1

Client Sample ID: 50C2_2-3

Lab Sample ID: 460-336881-60

Date Collected: 10/09/25 09:20
Matrix: Solid
Date Received: 10/09/25 16:58
Percent Solids: 93.8

Method: SW846 8260D - Volatile Organic Compounds by GC/MS

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1-Trichloroethane	0.0011	U	0.0011	0.00026	mg/Kg	☼	10/12/25 12:38	10/14/25 16:08	1
1,1,2,2-Tetrachloroethane	0.0011	U	0.0011	0.00059	mg/Kg	☼	10/12/25 12:38	10/14/25 16:08	1
1,1,2-Trichloro-1,2,2-trifluoroethane	0.0011	U	0.0011	0.00034	mg/Kg	☼	10/12/25 12:38	10/14/25 16:08	1
1,1,2-Trichloroethane	0.0011	U	0.0011	0.00068	mg/Kg	☼	10/12/25 12:38	10/14/25 16:08	1
1,1-Dichloroethane	0.0011	U	0.0011	0.00068	mg/Kg	☼	10/12/25 12:38	10/14/25 16:08	1
1,1-Dichloroethene	0.0011	U	0.0011	0.00025	mg/Kg	☼	10/12/25 12:38	10/14/25 16:08	1
1,2,3-Trichlorobenzene	0.0011	U	0.0011	0.00084	mg/Kg	☼	10/12/25 12:38	10/14/25 16:08	1
1,2,4-Trichlorobenzene	0.0011	U	0.0011	0.00041	mg/Kg	☼	10/12/25 12:38	10/14/25 16:08	1
1,2,4-Trimethylbenzene	0.0011	U	0.0011	0.00028	mg/Kg	☼	10/12/25 12:38	10/14/25 16:08	1
1,2-Dibromo-3-Chloropropane	0.0011	U	0.0011	0.00052	mg/Kg	☼	10/12/25 12:38	10/14/25 16:08	1
1,2-Dichlorobenzene	0.0011	U	0.0011	0.00041	mg/Kg	☼	10/12/25 12:38	10/14/25 16:08	1
1,2-Dichloroethane	0.0011	U	0.0011	0.00034	mg/Kg	☼	10/12/25 12:38	10/14/25 16:08	1
1,2-Dichloropropane	0.0011	U	0.0011	0.00048	mg/Kg	☼	10/12/25 12:38	10/14/25 16:08	1
1,3,5-Trimethylbenzene	0.0011	U	0.0011	0.00036	mg/Kg	☼	10/12/25 12:38	10/14/25 16:08	1
1,3-Dichlorobenzene	0.0011	U	0.0011	0.00041	mg/Kg	☼	10/12/25 12:38	10/14/25 16:08	1
1,4-Dichlorobenzene	0.0011	U	0.0011	0.00059	mg/Kg	☼	10/12/25 12:38	10/14/25 16:08	1
2-Butanone (MEK)	0.0057	U	0.0057	0.00042	mg/Kg	☼	10/12/25 12:38	10/14/25 16:08	1
2-Hexanone	0.0057	U	0.0057	0.0019	mg/Kg	☼	10/12/25 12:38	10/14/25 16:08	1
4-Methyl-2-pentanone (MIBK)	0.0057	U	0.0057	0.0018	mg/Kg	☼	10/12/25 12:38	10/14/25 16:08	1
Acetone	0.0068	U	0.0068	0.0065	mg/Kg	☼	10/12/25 12:38	10/14/25 16:08	1
Benzene	0.0011	U	0.0011	0.00064	mg/Kg	☼	10/12/25 12:38	10/14/25 16:08	1
Bromoform	0.0011	U	0.0011	0.00048	mg/Kg	☼	10/12/25 12:38	10/14/25 16:08	1
Bromomethane	0.0023	U	0.0023	0.0011	mg/Kg	☼	10/12/25 12:38	10/14/25 16:08	1

Client Sample ID: 50C2_2-3
Date Collected: 10/09/25 09:20
Date Received: 10/09/25 16:58

Lab Sample ID: 460-336881-60
Matrix: Solid
Percent Solids: 93.8

Method: SW846 8260D - Volatile Organic Compounds by GC/MS (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Carbon disulfide	0.0011	U	0.0011	0.00030	mg/Kg	☼	10/12/25 12:38	10/14/25 16:08	1
Carbon tetrachloride	0.0011	U	0.0011	0.00044	mg/Kg	☼	10/12/25 12:38	10/14/25 16:08	1
Chlorobenzene	0.0011	U	0.0011	0.00057	mg/Kg	☼	10/12/25 12:38	10/14/25 16:08	1
Chlorobromomethane	0.0011	U	0.0011	0.00067	mg/Kg	☼	10/12/25 12:38	10/14/25 16:08	1
Chlorodibromomethane	0.0011	U	0.0011	0.00061	mg/Kg	☼	10/12/25 12:38	10/14/25 16:08	1
Chloroethane	0.0011	U	0.0011	0.00059	mg/Kg	☼	10/12/25 12:38	10/14/25 16:08	1
Chloroform	0.0011	U	0.0011	0.0011	mg/Kg	☼	10/12/25 12:38	10/14/25 16:08	1
Chloromethane	0.0011	U	0.0011	0.00049	mg/Kg	☼	10/12/25 12:38	10/14/25 16:08	1
cis-1,2-Dichloroethene	0.0011	U	0.0011	0.00041	mg/Kg	☼	10/12/25 12:38	10/14/25 16:08	1
cis-1,3-Dichloropropene	0.0011	U	0.0011	0.00031	mg/Kg	☼	10/12/25 12:38	10/14/25 16:08	1
Cyclohexane	0.0011	U	0.0011	0.00025	mg/Kg	☼	10/12/25 12:38	10/14/25 16:08	1
Dichlorobromomethane	0.0011	U	0.0011	0.00029	mg/Kg	☼	10/12/25 12:38	10/14/25 16:08	1
Dichlorodifluoromethane	0.0011	U	0.0011	0.00038	mg/Kg	☼	10/12/25 12:38	10/14/25 16:08	1
Ethylbenzene	0.0011	U	0.0011	0.00053	mg/Kg	☼	10/12/25 12:38	10/14/25 16:08	1
Ethylene Dibromide	0.0011	U	0.0011	0.00057	mg/Kg	☼	10/12/25 12:38	10/14/25 16:08	1
Isopropylbenzene	0.0011	U	0.0011	0.00032	mg/Kg	☼	10/12/25 12:38	10/14/25 16:08	1
Methyl acetate	0.0057	U	0.0057	0.0049	mg/Kg	☼	10/12/25 12:38	10/14/25 16:08	1
Methyl tert-butyl ether	0.0011	U	0.0011	0.00058	mg/Kg	☼	10/12/25 12:38	10/14/25 16:08	1
Methylcyclohexane	0.0011	U	0.0011	0.00057	mg/Kg	☼	10/12/25 12:38	10/14/25 16:08	1
Methylene Chloride	0.0023	U	0.0023	0.0013	mg/Kg	☼	10/12/25 12:38	10/14/25 16:08	1
m-Xylene & p-Xylene	0.0011	U	0.0011	0.00048	mg/Kg	☼	10/12/25 12:38	10/14/25 16:08	1
n-Butylbenzene	0.0011	U	0.0011	0.00033	mg/Kg	☼	10/12/25 12:38	10/14/25 16:08	1
N-Propylbenzene	0.0011	U	0.0011	0.00051	mg/Kg	☼	10/12/25 12:38	10/14/25 16:08	1
o-Xylene	0.0011	U	0.0011	0.00052	mg/Kg	☼	10/12/25 12:38	10/14/25 16:08	1
sec-Butylbenzene	0.0011	U	0.0011	0.00033	mg/Kg	☼	10/12/25 12:38	10/14/25 16:08	1
Styrene	0.0011	U	0.0011	0.00031	mg/Kg	☼	10/12/25 12:38	10/14/25 16:08	1
tert-Butylbenzene	0.0011	U	0.0011	0.00031	mg/Kg	☼	10/12/25 12:38	10/14/25 16:08	1
Tetrachloroethene	0.0011	U	0.0011	0.00035	mg/Kg	☼	10/12/25 12:38	10/14/25 16:08	1
Toluene	**0.00056**	**J**	0.0011	0.00027	mg/Kg	☼	10/12/25 12:38	10/14/25 16:08	1
trans-1,2-Dichloroethene	0.0011	U	0.0011	0.00028	mg/Kg	☼	10/12/25 12:38	10/14/25 16:08	1
trans-1,3-Dichloropropene	0.0011	U	0.0011	0.00030	mg/Kg	☼	10/12/25 12:38	10/14/25 16:08	1
Trichloroethene	0.0011	U	0.0011	0.00036	mg/Kg	☼	10/12/25 12:38	10/14/25 16:08	1
Trichlorofluoromethane	0.0011	U	0.0011	0.00046	mg/Kg	☼	10/12/25 12:38	10/14/25 16:08	1
Vinyl chloride	0.0011	U	0.0011	0.00062	mg/Kg	☼	10/12/25 12:38	10/14/25 16:08	1
Xylenes, Total	0.0023	U	0.0023	0.00020	mg/Kg	☼	10/12/25 12:38	10/14/25 16:08	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,2-Dichloroethane-d4 (Surr)	*88*		*65 - 138*	*10/12/25 12:38*	*10/14/25 16:08*	*1*
4-Bromofluorobenzene	*97*		*71 - 128*	*10/12/25 12:38*	*10/14/25 16:08*	*1*
Dibromofluoromethane (Surr)	*100*		*50 - 150*	*10/12/25 12:38*	*10/14/25 16:08*	*1*
Toluene-d8 (Surr)	*100*		*71 - 126*	*10/12/25 12:38*	*10/14/25 16:08*	*1*

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Percent Moisture (EPA Moisture)	**6.2**		1.0	1.0	%			10/12/25 18:48	1
Percent Solids (EPA Moisture)	**93.8**		1.0	1.0	%			10/12/25 18:48	1

Client: Haley & Aldrich, Inc.
Project/Site: Former Port Mobil

Job ID: 460-336881-1

Client Sample ID: 50C3_4-5
Date Collected: 10/09/25 09:25
Date Received: 10/09/25 16:58

Lab Sample ID: 460-336881-61
Matrix: Solid
Percent Solids: 92.6

Method: SW846 8260D - Volatile Organic Compounds by GC/MS

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1-Trichloroethane	0.0012	U	0.0012	0.00027	mg/Kg	☼	10/12/25 12:38	10/14/25 16:33	1
1,1,2,2-Tetrachloroethane	0.0012	U	0.0012	0.00061	mg/Kg	☼	10/12/25 12:38	10/14/25 16:33	1
1,1,2-Trichloro-1,2,2-trifluoroethane	0.0012	U	0.0012	0.00035	mg/Kg	☼	10/12/25 12:38	10/14/25 16:33	1
1,1,2-Trichloroethane	0.0012	U	0.0012	0.00070	mg/Kg	☼	10/12/25 12:38	10/14/25 16:33	1
1,1-Dichloroethane	0.0012	U	0.0012	0.00070	mg/Kg	☼	10/12/25 12:38	10/14/25 16:33	1
1,1-Dichloroethene	0.0012	U	0.0012	0.00026	mg/Kg	☼	10/12/25 12:38	10/14/25 16:33	1
1,2,3-Trichlorobenzene	0.0012	U	0.0012	0.00086	mg/Kg	☼	10/12/25 12:38	10/14/25 16:33	1
1,2,4-Trichlorobenzene	0.0012	U	0.0012	0.00042	mg/Kg	☼	10/12/25 12:38	10/14/25 16:33	1
1,2,4-Trimethylbenzene	0.0012	U	0.0012	0.00029	mg/Kg	☼	10/12/25 12:38	10/14/25 16:33	1
1,2-Dibromo-3-Chloropropane	0.0012	U	0.0012	0.00054	mg/Kg	☼	10/12/25 12:38	10/14/25 16:33	1
1,2-Dichlorobenzene	0.0012	U	0.0012	0.00042	mg/Kg	☼	10/12/25 12:38	10/14/25 16:33	1
1,2-Dichloroethane	0.0012	U	0.0012	0.00035	mg/Kg	☼	10/12/25 12:38	10/14/25 16:33	1
1,2-Dichloropropane	0.0012	U	0.0012	0.00049	mg/Kg	☼	10/12/25 12:38	10/14/25 16:33	1
1,3,5-Trimethylbenzene	0.0012	U	0.0012	0.00037	mg/Kg	☼	10/12/25 12:38	10/14/25 16:33	1
1,3-Dichlorobenzene	0.0012	U	0.0012	0.00043	mg/Kg	☼	10/12/25 12:38	10/14/25 16:33	1
1,4-Dichlorobenzene	0.0012	U	0.0012	0.00061	mg/Kg	☼	10/12/25 12:38	10/14/25 16:33	1
2-Butanone (MEK)	0.0058	U	0.0058	0.00043	mg/Kg	☼	10/12/25 12:38	10/14/25 16:33	1
2-Hexanone	0.0058	U	0.0058	0.0020	mg/Kg	☼	10/12/25 12:38	10/14/25 16:33	1
4-Methyl-2-pentanone (MIBK)	0.0058	U	0.0058	0.0018	mg/Kg	☼	10/12/25 12:38	10/14/25 16:33	1
Acetone	0.0070	U	0.0070	0.0067	mg/Kg	☼	10/12/25 12:38	10/14/25 16:33	1
Benzene	0.0012	U	0.0012	0.00066	mg/Kg	☼	10/12/25 12:38	10/14/25 16:33	1
Bromoform	0.0012	U	0.0012	0.00050	mg/Kg	☼	10/12/25 12:38	10/14/25 16:33	1
Bromomethane	0.0023	U	0.0023	0.0012	mg/Kg	☼	10/12/25 12:38	10/14/25 16:33	1
Carbon disulfide	0.0012	U	0.0012	0.00031	mg/Kg	☼	10/12/25 12:38	10/14/25 16:33	1
Carbon tetrachloride	0.0012	U	0.0012	0.00045	mg/Kg	☼	10/12/25 12:38	10/14/25 16:33	1
Chlorobenzene	0.0012	U	0.0012	0.00059	mg/Kg	☼	10/12/25 12:38	10/14/25 16:33	1
Chlorobromomethane	0.0012	U	0.0012	0.00070	mg/Kg	☼	10/12/25 12:38	10/14/25 16:33	1
Chlorodibromomethane	0.0012	U	0.0012	0.00063	mg/Kg	☼	10/12/25 12:38	10/14/25 16:33	1
Chloroethane	0.0012	U	0.0012	0.00061	mg/Kg	☼	10/12/25 12:38	10/14/25 16:33	1
Chloroform	0.0012	U	0.0012	0.0011	mg/Kg	☼	10/12/25 12:38	10/14/25 16:33	1
Chloromethane	0.0012	U	0.0012	0.00051	mg/Kg	☼	10/12/25 12:38	10/14/25 16:33	1
cis-1,2-Dichloroethene	0.0012	U	0.0012	0.00042	mg/Kg	☼	10/12/25 12:38	10/14/25 16:33	1
cis-1,3-Dichloropropene	0.0012	U	0.0012	0.00032	mg/Kg	☼	10/12/25 12:38	10/14/25 16:33	1
Cyclohexane	0.0012	U	0.0012	0.00026	mg/Kg	☼	10/12/25 12:38	10/14/25 16:33	1
Dichlorobromomethane	0.0012	U	0.0012	0.00030	mg/Kg	☼	10/12/25 12:38	10/14/25 16:33	1
Dichlorodifluoromethane	0.0012	U	0.0012	0.00040	mg/Kg	☼	10/12/25 12:38	10/14/25 16:33	1
Ethylbenzene	0.0012	U	0.0012	0.00055	mg/Kg	☼	10/12/25 12:38	10/14/25 16:33	1
Ethylene Dibromide	0.0012	U	0.0012	0.00059	mg/Kg	☼	10/12/25 12:38	10/14/25 16:33	1
Isopropylbenzene	0.0012	U	0.0012	0.00033	mg/Kg	☼	10/12/25 12:38	10/14/25 16:33	1
Methyl acetate	0.0058	U	0.0058	0.0050	mg/Kg	☼	10/12/25 12:38	10/14/25 16:33	1
Methyl tert-butyl ether	0.0012	U	0.0012	0.00060	mg/Kg	☼	10/12/25 12:38	10/14/25 16:33	1
Methylcyclohexane	0.0012	U	0.0012	0.00058	mg/Kg	☼	10/12/25 12:38	10/14/25 16:33	1
Methylene Chloride	0.0023	U	0.0023	0.0013	mg/Kg	☼	10/12/25 12:38	10/14/25 16:33	1
m-Xylene & p-Xylene	0.0012	U	0.0012	0.00049	mg/Kg	☼	10/12/25 12:38	10/14/25 16:33	1
n-Butylbenzene	0.0012	U	0.0012	0.00034	mg/Kg	☼	10/12/25 12:38	10/14/25 16:33	1
N-Propylbenzene	0.0012	U	0.0012	0.00052	mg/Kg	☼	10/12/25 12:38	10/14/25 16:33	1
o-Xylene	0.0012	U	0.0012	0.00054	mg/Kg	☼	10/12/25 12:38	10/14/25 16:33	1
sec-Butylbenzene	0.0012	U	0.0012	0.00034	mg/Kg	☼	10/12/25 12:38	10/14/25 16:33	1
Styrene	0.0012	U	0.0012	0.00032	mg/Kg	☼	10/12/25 12:38	10/14/25 16:33	1

Client Sample ID: 50C3_4-5

Lab Sample ID: 460-336881-61

Date Collected: 10/09/25 09:25

Matrix: Solid

Date Received: 10/09/25 16:58

Percent Solids: 92.6

Method: SW846 8260D - Volatile Organic Compounds by GC/MS (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
tert-Butylbenzene	0.0012	U	0.0012	0.00032	mg/Kg	☼	10/12/25 12:38	10/14/25 16:33	1
Tetrachloroethene	0.0012	U	0.0012	0.00036	mg/Kg	☼	10/12/25 12:38	10/14/25 16:33	1
Toluene	**0.00067**	**J**	0.0012	0.00027	mg/Kg	☼	10/12/25 12:38	10/14/25 16:33	1
trans-1,2-Dichloroethene	0.0012	U	0.0012	0.00029	mg/Kg	☼	10/12/25 12:38	10/14/25 16:33	1
trans-1,3-Dichloropropene	0.0012	U	0.0012	0.00031	mg/Kg	☼	10/12/25 12:38	10/14/25 16:33	1
Trichloroethene	0.0012	U	0.0012	0.00038	mg/Kg	☼	10/12/25 12:38	10/14/25 16:33	1
Trichlorofluoromethane	0.0012	U	0.0012	0.00047	mg/Kg	☼	10/12/25 12:38	10/14/25 16:33	1
Vinyl chloride	0.0012	U	0.0012	0.00064	mg/Kg	☼	10/12/25 12:38	10/14/25 16:33	1
Xylenes, Total	0.0023	U	0.0023	0.00020	mg/Kg	☼	10/12/25 12:38	10/14/25 16:33	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,2-Dichloroethane-d4 (Surr)	*87*		*65 - 138*	*10/12/25 12:38*	*10/14/25 16:33*	*1*
4-Bromofluorobenzene	*96*		*71 - 128*	*10/12/25 12:38*	*10/14/25 16:33*	*1*
Dibromofluoromethane (Surr)	*99*		*50 - 150*	*10/12/25 12:38*	*10/14/25 16:33*	*1*
Toluene-d8 (Surr)	*99*		*71 - 126*	*10/12/25 12:38*	*10/14/25 16:33*	*1*

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Percent Moisture (EPA Moisture)	**7.4**		1.0	1.0	%			10/12/25 18:48	1
Percent Solids (EPA Moisture)	**92.6**		1.0	1.0	%			10/12/25 18:48	1

Client Sample ID: 50C1_5-6

Lab Sample ID: 460-336881-62

Date Collected: 10/09/25 09:30

Matrix: Solid

Date Received: 10/09/25 16:58

Percent Solids: 95.6

Method: SW846 8260D - Volatile Organic Compounds by GC/MS

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1-Trichloroethane	0.00092	U	0.00092	0.00021	mg/Kg	☼	10/12/25 12:39	10/14/25 16:57	1
1,1,2,2-Tetrachloroethane	0.00092	U	0.00092	0.00048	mg/Kg	☼	10/12/25 12:39	10/14/25 16:57	1
1,1,2-Trichloro-1,2,2-trifluoroethane	0.00092	U	0.00092	0.00028	mg/Kg	☼	10/12/25 12:39	10/14/25 16:57	1
1,1,2-Trichloroethane	0.00092	U	0.00092	0.00055	mg/Kg	☼	10/12/25 12:39	10/14/25 16:57	1
1,1-Dichloroethane	0.00092	U	0.00092	0.00055	mg/Kg	☼	10/12/25 12:39	10/14/25 16:57	1
1,1-Dichloroethene	0.00092	U	0.00092	0.00021	mg/Kg	☼	10/12/25 12:39	10/14/25 16:57	1
1,2,3-Trichlorobenzene	0.00092	U	0.00092	0.00068	mg/Kg	☼	10/12/25 12:39	10/14/25 16:57	1
1,2,4-Trichlorobenzene	0.00092	U	0.00092	0.00033	mg/Kg	☼	10/12/25 12:39	10/14/25 16:57	1
1,2,4-Trimethylbenzene	0.00092	U	0.00092	0.00023	mg/Kg	☼	10/12/25 12:39	10/14/25 16:57	1
1,2-Dibromo-3-Chloropropane	0.00092	U	0.00092	0.00042	mg/Kg	☼	10/12/25 12:39	10/14/25 16:57	1
1,2-Dichlorobenzene	0.00092	U	0.00092	0.00033	mg/Kg	☼	10/12/25 12:39	10/14/25 16:57	1
1,2-Dichloroethane	0.00092	U	0.00092	0.00027	mg/Kg	☼	10/12/25 12:39	10/14/25 16:57	1
1,2-Dichloropropane	0.00092	U	0.00092	0.00039	mg/Kg	☼	10/12/25 12:39	10/14/25 16:57	1
1,3,5-Trimethylbenzene	0.00092	U	0.00092	0.00029	mg/Kg	☼	10/12/25 12:39	10/14/25 16:57	1
1,3-Dichlorobenzene	0.00092	U	0.00092	0.00033	mg/Kg	☼	10/12/25 12:39	10/14/25 16:57	1
1,4-Dichlorobenzene	0.00092	U	0.00092	0.00048	mg/Kg	☼	10/12/25 12:39	10/14/25 16:57	1
2-Butanone (MEK)	0.0046	U	0.0046	0.00034	mg/Kg	☼	10/12/25 12:39	10/14/25 16:57	1
2-Hexanone	0.0046	U	0.0046	0.0016	mg/Kg	☼	10/12/25 12:39	10/14/25 16:57	1
4-Methyl-2-pentanone (MIBK)	0.0046	U	0.0046	0.0014	mg/Kg	☼	10/12/25 12:39	10/14/25 16:57	1
Acetone	0.0055	U	0.0055	0.0052	mg/Kg	☼	10/12/25 12:39	10/14/25 16:57	1
Benzene	0.00092	U	0.00092	0.00052	mg/Kg	☼	10/12/25 12:39	10/14/25 16:57	1
Bromoform	0.00092	U	0.00092	0.00039	mg/Kg	☼	10/12/25 12:39	10/14/25 16:57	1
Bromomethane	0.0018	U	0.0018	0.00092	mg/Kg	☼	10/12/25 12:39	10/14/25 16:57	1

Client Sample ID: 50C1_5-6
Date Collected: 10/09/25 09:30
Date Received: 10/09/25 16:58

Lab Sample ID: 460-336881-62
Matrix: Solid
Percent Solids: 95.6

Method: SW846 8260D - Volatile Organic Compounds by GC/MS (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Carbon disulfide	0.00092	U	0.00092	0.00024	mg/Kg	☼	10/12/25 12:39	10/14/25 16:57	1
Carbon tetrachloride	0.00092	U	0.00092	0.00035	mg/Kg	☼	10/12/25 12:39	10/14/25 16:57	1
Chlorobenzene	0.00092	U	0.00092	0.00046	mg/Kg	☼	10/12/25 12:39	10/14/25 16:57	1
Chlorobromomethane	0.00092	U	0.00092	0.00055	mg/Kg	☼	10/12/25 12:39	10/14/25 16:57	1
Chlorodibromomethane	0.00092	U	0.00092	0.00049	mg/Kg	☼	10/12/25 12:39	10/14/25 16:57	1
Chloroethane	0.00092	U	0.00092	0.00048	mg/Kg	☼	10/12/25 12:39	10/14/25 16:57	1
Chloroform	0.00092	U	0.00092	0.00089	mg/Kg	☼	10/12/25 12:39	10/14/25 16:57	1
Chloromethane	0.00092	U	0.00092	0.00040	mg/Kg	☼	10/12/25 12:39	10/14/25 16:57	1
cis-1,2-Dichloroethene	0.00092	U	0.00092	0.00033	mg/Kg	☼	10/12/25 12:39	10/14/25 16:57	1
cis-1,3-Dichloropropene	0.00092	U	0.00092	0.00025	mg/Kg	☼	10/12/25 12:39	10/14/25 16:57	1
Cyclohexane	0.00092	U	0.00092	0.00020	mg/Kg	☼	10/12/25 12:39	10/14/25 16:57	1
Dichlorobromomethane	0.00092	U	0.00092	0.00024	mg/Kg	☼	10/12/25 12:39	10/14/25 16:57	1
Dichlorodifluoromethane	0.00092	U	0.00092	0.00031	mg/Kg	☼	10/12/25 12:39	10/14/25 16:57	1
Ethylbenzene	0.00092	U	0.00092	0.00043	mg/Kg	☼	10/12/25 12:39	10/14/25 16:57	1
Ethylene Dibromide	0.00092	U	0.00092	0.00046	mg/Kg	☼	10/12/25 12:39	10/14/25 16:57	1
Isopropylbenzene	0.00092	U	0.00092	0.00026	mg/Kg	☼	10/12/25 12:39	10/14/25 16:57	1
Methyl acetate	0.0046	U	0.0046	0.0039	mg/Kg	☼	10/12/25 12:39	10/14/25 16:57	1
Methyl tert-butyl ether	0.00092	U	0.00092	0.00047	mg/Kg	☼	10/12/25 12:39	10/14/25 16:57	1
Methylcyclohexane	0.00092	U	0.00092	0.00046	mg/Kg	☼	10/12/25 12:39	10/14/25 16:57	1
Methylene Chloride	0.0018	U	0.0018	0.0010	mg/Kg	☼	10/12/25 12:39	10/14/25 16:57	1
m-Xylene & p-Xylene	0.00092	U	0.00092	0.00039	mg/Kg	☼	10/12/25 12:39	10/14/25 16:57	1
n-Butylbenzene	0.00092	U	0.00092	0.00027	mg/Kg	☼	10/12/25 12:39	10/14/25 16:57	1
N-Propylbenzene	0.00092	U	0.00092	0.00041	mg/Kg	☼	10/12/25 12:39	10/14/25 16:57	1
o-Xylene	0.00092	U	0.00092	0.00042	mg/Kg	☼	10/12/25 12:39	10/14/25 16:57	1
sec-Butylbenzene	0.00092	U	0.00092	0.00026	mg/Kg	☼	10/12/25 12:39	10/14/25 16:57	1
Styrene	0.00092	U	0.00092	0.00025	mg/Kg	☼	10/12/25 12:39	10/14/25 16:57	1
tert-Butylbenzene	0.00092	U	0.00092	0.00025	mg/Kg	☼	10/12/25 12:39	10/14/25 16:57	1
Tetrachloroethene	0.00092	U	0.00092	0.00028	mg/Kg	☼	10/12/25 12:39	10/14/25 16:57	1
Toluene	**0.00062**	**J**	0.00092	0.00021	mg/Kg	☼	10/12/25 12:39	10/14/25 16:57	1
trans-1,2-Dichloroethene	0.00092	U	0.00092	0.00023	mg/Kg	☼	10/12/25 12:39	10/14/25 16:57	1
trans-1,3-Dichloropropene	0.00092	U	0.00092	0.00024	mg/Kg	☼	10/12/25 12:39	10/14/25 16:57	1
Trichloroethene	0.00092	U	0.00092	0.00029	mg/Kg	☼	10/12/25 12:39	10/14/25 16:57	1
Trichlorofluoromethane	0.00092	U	0.00092	0.00037	mg/Kg	☼	10/12/25 12:39	10/14/25 16:57	1
Vinyl chloride	0.00092	U	0.00092	0.00050	mg/Kg	☼	10/12/25 12:39	10/14/25 16:57	1
Xylenes, Total	0.0018	U	0.0018	0.00016	mg/Kg	☼	10/12/25 12:39	10/14/25 16:57	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,2-Dichloroethane-d4 (Surr)	*86*		*65 - 138*	*10/12/25 12:39*	*10/14/25 16:57*	*1*
4-Bromofluorobenzene	*95*		*71 - 128*	*10/12/25 12:39*	*10/14/25 16:57*	*1*
Dibromofluoromethane (Surr)	*97*		*50 - 150*	*10/12/25 12:39*	*10/14/25 16:57*	*1*
Toluene-d8 (Surr)	*101*		*71 - 126*	*10/12/25 12:39*	*10/14/25 16:57*	*1*

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Percent Moisture (EPA Moisture)	**4.4**		1.0	1.0	%			10/12/25 18:48	1
Percent Solids (EPA Moisture)	**95.6**		1.0	1.0	%			10/12/25 18:48	1

Client: Haley & Aldrich, Inc.
Project/Site: Former Port Mobil

Job ID: 460-336881-1

Client Sample ID: 50C2_7-8
Date Collected: 10/09/25 09:35
Date Received: 10/09/25 16:58

Lab Sample ID: 460-336881-63
Matrix: Solid
Percent Solids: 91.4

Method: SW846 8260D - Volatile Organic Compounds by GC/MS

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1-Trichloroethane	0.00094	U	0.00094	0.00022	mg/Kg	☼	10/12/25 12:39	10/14/25 17:21	1
1,1,2,2-Tetrachloroethane	0.00094	U	0.00094	0.00049	mg/Kg	☼	10/12/25 12:39	10/14/25 17:21	1
1,1,2-Trichloro-1,2,2-trifluoroethane	0.00094	U	0.00094	0.00028	mg/Kg	☼	10/12/25 12:39	10/14/25 17:21	1
1,1,2-Trichloroethane	0.00094	U	0.00094	0.00057	mg/Kg	☼	10/12/25 12:39	10/14/25 17:21	1
1,1-Dichloroethane	0.00094	U	0.00094	0.00056	mg/Kg	☼	10/12/25 12:39	10/14/25 17:21	1
1,1-Dichloroethene	0.00094	U	0.00094	0.00021	mg/Kg	☼	10/12/25 12:39	10/14/25 17:21	1
1,2,3-Trichlorobenzene	0.00094	U	0.00094	0.00070	mg/Kg	☼	10/12/25 12:39	10/14/25 17:21	1
1,2,4-Trichlorobenzene	0.00094	U	0.00094	0.00034	mg/Kg	☼	10/12/25 12:39	10/14/25 17:21	1
1,2,4-Trimethylbenzene	0.00094	U	0.00094	0.00023	mg/Kg	☼	10/12/25 12:39	10/14/25 17:21	1
1,2-Dibromo-3-Chloropropane	0.00094	U	0.00094	0.00043	mg/Kg	☼	10/12/25 12:39	10/14/25 17:21	1
1,2-Dichlorobenzene	0.00094	U	0.00094	0.00034	mg/Kg	☼	10/12/25 12:39	10/14/25 17:21	1
1,2-Dichloroethane	0.00094	U	0.00094	0.00028	mg/Kg	☼	10/12/25 12:39	10/14/25 17:21	1
1,2-Dichloropropane	0.00094	U	0.00094	0.00040	mg/Kg	☼	10/12/25 12:39	10/14/25 17:21	1
1,3,5-Trimethylbenzene	0.00094	U	0.00094	0.00030	mg/Kg	☼	10/12/25 12:39	10/14/25 17:21	1
1,3-Dichlorobenzene	0.00094	U	0.00094	0.00034	mg/Kg	☼	10/12/25 12:39	10/14/25 17:21	1
1,4-Dichlorobenzene	0.00094	U	0.00094	0.00049	mg/Kg	☼	10/12/25 12:39	10/14/25 17:21	1
2-Butanone (MEK)	0.0047	U	0.0047	0.00035	mg/Kg	☼	10/12/25 12:39	10/14/25 17:21	1
2-Hexanone	0.0047	U	0.0047	0.0016	mg/Kg	☼	10/12/25 12:39	10/14/25 17:21	1
4-Methyl-2-pentanone (MIBK)	0.0047	U	0.0047	0.0015	mg/Kg	☼	10/12/25 12:39	10/14/25 17:21	1
Acetone	0.0057	U	0.0057	0.0054	mg/Kg	☼	10/12/25 12:39	10/14/25 17:21	1
Benzene	0.00094	U	0.00094	0.00053	mg/Kg	☼	10/12/25 12:39	10/14/25 17:21	1
Bromoform	0.00094	U	0.00094	0.00040	mg/Kg	☼	10/12/25 12:39	10/14/25 17:21	1
Bromomethane	0.0019	U	0.0019	0.00094	mg/Kg	☼	10/12/25 12:39	10/14/25 17:21	1
Carbon disulfide	0.00094	U	0.00094	0.00025	mg/Kg	☼	10/12/25 12:39	10/14/25 17:21	1
Carbon tetrachloride	0.00094	U	0.00094	0.00036	mg/Kg	☼	10/12/25 12:39	10/14/25 17:21	1
Chlorobenzene	0.00094	U	0.00094	0.00048	mg/Kg	☼	10/12/25 12:39	10/14/25 17:21	1
Chlorobromomethane	0.00094	U	0.00094	0.00056	mg/Kg	☼	10/12/25 12:39	10/14/25 17:21	1
Chlorodibromomethane	0.00094	U	0.00094	0.00051	mg/Kg	☼	10/12/25 12:39	10/14/25 17:21	1
Chloroethane	0.00094	U	0.00094	0.00049	mg/Kg	☼	10/12/25 12:39	10/14/25 17:21	1
Chloroform	0.00094	U	0.00094	0.00091	mg/Kg	☼	10/12/25 12:39	10/14/25 17:21	1
Chloromethane	0.00094	U	0.00094	0.00041	mg/Kg	☼	10/12/25 12:39	10/14/25 17:21	1
cis-1,2-Dichloroethene	0.00094	U	0.00094	0.00034	mg/Kg	☼	10/12/25 12:39	10/14/25 17:21	1
cis-1,3-Dichloropropene	0.00094	U	0.00094	0.00026	mg/Kg	☼	10/12/25 12:39	10/14/25 17:21	1
Cyclohexane	0.00094	U	0.00094	0.00021	mg/Kg	☼	10/12/25 12:39	10/14/25 17:21	1
Dichlorobromomethane	0.00094	U	0.00094	0.00024	mg/Kg	☼	10/12/25 12:39	10/14/25 17:21	1
Dichlorodifluoromethane	0.00094	U	0.00094	0.00032	mg/Kg	☼	10/12/25 12:39	10/14/25 17:21	1
Ethylbenzene	0.00094	U	0.00094	0.00044	mg/Kg	☼	10/12/25 12:39	10/14/25 17:21	1
Ethylene Dibromide	0.00094	U	0.00094	0.00047	mg/Kg	☼	10/12/25 12:39	10/14/25 17:21	1
Isopropylbenzene	0.00094	U	0.00094	0.00027	mg/Kg	☼	10/12/25 12:39	10/14/25 17:21	1
Methyl acetate	0.0047	U	0.0047	0.0041	mg/Kg	☼	10/12/25 12:39	10/14/25 17:21	1
Methyl tert-butyl ether	0.00094	U	0.00094	0.00048	mg/Kg	☼	10/12/25 12:39	10/14/25 17:21	1
Methylcyclohexane	0.00094	U	0.00094	0.00047	mg/Kg	☼	10/12/25 12:39	10/14/25 17:21	1
Methylene Chloride	**0.0017**	**J**	0.0019	0.0011	mg/Kg	☼	10/12/25 12:39	10/14/25 17:21	1
m-Xylene & p-Xylene	0.00094	U	0.00094	0.00040	mg/Kg	☼	10/12/25 12:39	10/14/25 17:21	1
n-Butylbenzene	0.00094	U	0.00094	0.00028	mg/Kg	☼	10/12/25 12:39	10/14/25 17:21	1
N-Propylbenzene	0.00094	U	0.00094	0.00042	mg/Kg	☼	10/12/25 12:39	10/14/25 17:21	1
o-Xylene	0.00094	U	0.00094	0.00043	mg/Kg	☼	10/12/25 12:39	10/14/25 17:21	1
sec-Butylbenzene	0.00094	U	0.00094	0.00027	mg/Kg	☼	10/12/25 12:39	10/14/25 17:21	1
Styrene	0.00094	U	0.00094	0.00026	mg/Kg	☼	10/12/25 12:39	10/14/25 17:21	1

Client Sample ID: 50C2_7-8

Lab Sample ID: 460-336881-63
Date Collected: 10/09/25 09:35
Matrix: Solid
Date Received: 10/09/25 16:58
Percent Solids: 91.4

Method: SW846 8260D - Volatile Organic Compounds by GC/MS (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
tert-Butylbenzene	0.00094	U	0.00094	0.00026	mg/Kg	☼	10/12/25 12:39	10/14/25 17:21	1
Tetrachloroethene	0.00094	U	0.00094	0.00029	mg/Kg	☼	10/12/25 12:39	10/14/25 17:21	1
Toluene	**0.00062**	**J**	0.00094	0.00022	mg/Kg	☼	10/12/25 12:39	10/14/25 17:21	1
trans-1,2-Dichloroethene	0.00094	U	0.00094	0.00023	mg/Kg	☼	10/12/25 12:39	10/14/25 17:21	1
trans-1,3-Dichloropropene	0.00094	U	0.00094	0.00025	mg/Kg	☼	10/12/25 12:39	10/14/25 17:21	1
Trichloroethene	0.00094	U	0.00094	0.00030	mg/Kg	☼	10/12/25 12:39	10/14/25 17:21	1
Trichlorofluoromethane	0.00094	U	0.00094	0.00038	mg/Kg	☼	10/12/25 12:39	10/14/25 17:21	1
Vinyl chloride	0.00094	U	0.00094	0.00051	mg/Kg	☼	10/12/25 12:39	10/14/25 17:21	1
Xylenes, Total	0.0019	U	0.0019	0.00016	mg/Kg	☼	10/12/25 12:39	10/14/25 17:21	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,2-Dichloroethane-d4 (Surr)	*87*		*65 - 138*	*10/12/25 12:39*	*10/14/25 17:21*	*1*
4-Bromofluorobenzene	*101*		*71 - 128*	*10/12/25 12:39*	*10/14/25 17:21*	*1*
Dibromofluoromethane (Surr)	*99*		*50 - 150*	*10/12/25 12:39*	*10/14/25 17:21*	*1*
Toluene-d8 (Surr)	*101*		*71 - 126*	*10/12/25 12:39*	*10/14/25 17:21*	*1*

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Percent Moisture (EPA Moisture)	**8.6**		1.0	1.0	%			10/12/25 18:48	1
Percent Solids (EPA Moisture)	**91.4**		1.0	1.0	%			10/12/25 18:48	1

Client Sample ID: 50C3_5-6

Lab Sample ID: 460-336881-64
Date Collected: 10/09/25 09:40
Matrix: Solid
Date Received: 10/09/25 16:58
Percent Solids: 88.4

Method: SW846 8260D - Volatile Organic Compounds by GC/MS

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1-Trichloroethane	0.0046	U	0.0046	0.0011	mg/Kg	☼	10/12/25 12:39	10/14/25 17:45	1
1,1,2,2-Tetrachloroethane	0.0046	U	0.0046	0.0024	mg/Kg	☼	10/12/25 12:39	10/14/25 17:45	1
1,1,2-Trichloro-1,2,2-trifluoroethane	0.0046	U	0.0046	0.0014	mg/Kg	☼	10/12/25 12:39	10/14/25 17:45	1
1,1,2-Trichloroethane	0.0046	U	0.0046	0.0027	mg/Kg	☼	10/12/25 12:39	10/14/25 17:45	1
1,1-Dichloroethane	0.0046	U	0.0046	0.0027	mg/Kg	☼	10/12/25 12:39	10/14/25 17:45	1
1,1-Dichloroethene	0.0046	U	0.0046	0.0010	mg/Kg	☼	10/12/25 12:39	10/14/25 17:45	1
1,2,3-Trichlorobenzene	0.0046	U	0.0046	0.0034	mg/Kg	☼	10/12/25 12:39	10/14/25 17:45	1
1,2,4-Trichlorobenzene	0.0046	U	0.0046	0.0016	mg/Kg	☼	10/12/25 12:39	10/14/25 17:45	1
1,2,4-Trimethylbenzene	0.0046	U	0.0046	0.0011	mg/Kg	☼	10/12/25 12:39	10/14/25 17:45	1
1,2-Dibromo-3-Chloropropane	0.0046	U	0.0046	0.0021	mg/Kg	☼	10/12/25 12:39	10/14/25 17:45	1
1,2-Dichlorobenzene	0.0046	U	0.0046	0.0016	mg/Kg	☼	10/12/25 12:39	10/14/25 17:45	1
1,2-Dichloroethane	0.0046	U	0.0046	0.0014	mg/Kg	☼	10/12/25 12:39	10/14/25 17:45	1
1,2-Dichloropropane	0.0046	U	0.0046	0.0019	mg/Kg	☼	10/12/25 12:39	10/14/25 17:45	1
1,3,5-Trimethylbenzene	0.0046	U	0.0046	0.0014	mg/Kg	☼	10/12/25 12:39	10/14/25 17:45	1
1,3-Dichlorobenzene	0.0046	U	0.0046	0.0017	mg/Kg	☼	10/12/25 12:39	10/14/25 17:45	1
1,4-Dichlorobenzene	0.0046	U	0.0046	0.0024	mg/Kg	☼	10/12/25 12:39	10/14/25 17:45	1
2-Butanone (MEK)	0.023	U	0.023	0.0017	mg/Kg	☼	10/12/25 12:39	10/14/25 17:45	1
2-Hexanone	0.023	U	0.023	0.0078	mg/Kg	☼	10/12/25 12:39	10/14/25 17:45	1
4-Methyl-2-pentanone (MIBK)	0.023	U	0.023	0.0071	mg/Kg	☼	10/12/25 12:39	10/14/25 17:45	1
Acetone	0.027	U	0.027	0.026	mg/Kg	☼	10/12/25 12:39	10/14/25 17:45	1
Benzene	0.0046	U	0.0046	0.0026	mg/Kg	☼	10/12/25 12:39	10/14/25 17:45	1
Bromoform	0.0046	U	0.0046	0.0019	mg/Kg	☼	10/12/25 12:39	10/14/25 17:45	1
Bromomethane	0.0091	U	0.0091	0.0046	mg/Kg	☼	10/12/25 12:39	10/14/25 17:45	1

Client Sample ID: 50C3_5-6
Date Collected: 10/09/25 09:40
Date Received: 10/09/25 16:58

Lab Sample ID: 460-336881-64
Matrix: Solid
Percent Solids: 88.4

Method: SW846 8260D - Volatile Organic Compounds by GC/MS (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Carbon disulfide	0.0046	U	0.0046	0.0012	mg/Kg	☼	10/12/25 12:39	10/14/25 17:45	1
Carbon tetrachloride	0.0046	U	0.0046	0.0018	mg/Kg	☼	10/12/25 12:39	10/14/25 17:45	1
Chlorobenzene	0.0046	U	0.0046	0.0023	mg/Kg	☼	10/12/25 12:39	10/14/25 17:45	1
Chlorobromomethane	0.0046	U	0.0046	0.0027	mg/Kg	☼	10/12/25 12:39	10/14/25 17:45	1
Chlorodibromomethane	0.0046	U	0.0046	0.0025	mg/Kg	☼	10/12/25 12:39	10/14/25 17:45	1
Chloroethane	0.0046	U	0.0046	0.0024	mg/Kg	☼	10/12/25 12:39	10/14/25 17:45	1
Chloroform	0.0046	U	0.0046	0.0044	mg/Kg	☼	10/12/25 12:39	10/14/25 17:45	1
Chloromethane	0.0046	U	0.0046	0.0020	mg/Kg	☼	10/12/25 12:39	10/14/25 17:45	1
cis-1,2-Dichloroethene	0.0046	U	0.0046	0.0016	mg/Kg	☼	10/12/25 12:39	10/14/25 17:45	1
cis-1,3-Dichloropropene	0.0046	U	0.0046	0.0012	mg/Kg	☼	10/12/25 12:39	10/14/25 17:45	1
Cyclohexane	0.0046	U	0.0046	0.0010	mg/Kg	☼	10/12/25 12:39	10/14/25 17:45	1
Dichlorobromomethane	0.0046	U	0.0046	0.0012	mg/Kg	☼	10/12/25 12:39	10/14/25 17:45	1
Dichlorodifluoromethane	0.0046	U	0.0046	0.0015	mg/Kg	☼	10/12/25 12:39	10/14/25 17:45	1
Ethylbenzene	0.0046	U	0.0046	0.0021	mg/Kg	☼	10/12/25 12:39	10/14/25 17:45	1
Ethylene Dibromide	0.0046	U	0.0046	0.0023	mg/Kg	☼	10/12/25 12:39	10/14/25 17:45	1
Isopropylbenzene	0.0046	U	0.0046	0.0013	mg/Kg	☼	10/12/25 12:39	10/14/25 17:45	1
Methyl acetate	0.023	U	0.023	0.020	mg/Kg	☼	10/12/25 12:39	10/14/25 17:45	1
Methyl tert-butyl ether	0.0046	U	0.0046	0.0023	mg/Kg	☼	10/12/25 12:39	10/14/25 17:45	1
Methylcyclohexane	0.0046	U	0.0046	0.0023	mg/Kg	☼	10/12/25 12:39	10/14/25 17:45	1
Methylene Chloride	**0.0078**	**J**	0.0091	0.0052	mg/Kg	☼	10/12/25 12:39	10/14/25 17:45	1
m-Xylene & p-Xylene	0.0046	U	0.0046	0.0019	mg/Kg	☼	10/12/25 12:39	10/14/25 17:45	1
n-Butylbenzene	0.0046	U	0.0046	0.0013	mg/Kg	☼	10/12/25 12:39	10/14/25 17:45	1
N-Propylbenzene	0.0046	U	0.0046	0.0021	mg/Kg	☼	10/12/25 12:39	10/14/25 17:45	1
o-Xylene	0.0046	U	0.0046	0.0021	mg/Kg	☼	10/12/25 12:39	10/14/25 17:45	1
sec-Butylbenzene	0.0046	U	0.0046	0.0013	mg/Kg	☼	10/12/25 12:39	10/14/25 17:45	1
Styrene	0.0046	U	0.0046	0.0013	mg/Kg	☼	10/12/25 12:39	10/14/25 17:45	1
tert-Butylbenzene	0.0046	U	0.0046	0.0013	mg/Kg	☼	10/12/25 12:39	10/14/25 17:45	1
Tetrachloroethene	0.0046	U	0.0046	0.0014	mg/Kg	☼	10/12/25 12:39	10/14/25 17:45	1
Toluene	0.0046	U	0.0046	0.0011	mg/Kg	☼	10/12/25 12:39	10/14/25 17:45	1
trans-1,2-Dichloroethene	0.0046	U	0.0046	0.0011	mg/Kg	☼	10/12/25 12:39	10/14/25 17:45	1
trans-1,3-Dichloropropene	0.0046	U	0.0046	0.0012	mg/Kg	☼	10/12/25 12:39	10/14/25 17:45	1
Trichloroethene	0.0046	U	0.0046	0.0015	mg/Kg	☼	10/12/25 12:39	10/14/25 17:45	1
Trichlorofluoromethane	0.0046	U	0.0046	0.0019	mg/Kg	☼	10/12/25 12:39	10/14/25 17:45	1
Vinyl chloride	0.0046	U	0.0046	0.0025	mg/Kg	☼	10/12/25 12:39	10/14/25 17:45	1
Xylenes, Total	0.0091	U	0.0091	0.00079	mg/Kg	☼	10/12/25 12:39	10/14/25 17:45	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,2-Dichloroethane-d4 (Surr)	*93*		*65 - 138*	*10/12/25 12:39*	*10/14/25 17:45*	*1*
4-Bromofluorobenzene	*107*		*71 - 128*	*10/12/25 12:39*	*10/14/25 17:45*	*1*
Dibromofluoromethane (Surr)	*102*		*50 - 150*	*10/12/25 12:39*	*10/14/25 17:45*	*1*
Toluene-d8 (Surr)	*103*		*71 - 126*	*10/12/25 12:39*	*10/14/25 17:45*	*1*

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Percent Moisture (EPA Moisture)	**11.6**		1.0	1.0	%			10/12/25 18:48	1
Percent Solids (EPA Moisture)	**88.4**		1.0	1.0	%			10/12/25 18:48	1

Client: Haley & Aldrich, Inc.
Project/Site: Former Port Mobil

Job ID: 460-336881-1

Client Sample ID: 50C2_6-7
Date Collected: 10/09/25 09:45
Date Received: 10/09/25 16:58

Lab Sample ID: 460-336881-65
Matrix: Solid
Percent Solids: 88.9

Method: SW846 8260D - Volatile Organic Compounds by GC/MS

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1-Trichloroethane	0.00096	U	0.00096	0.00022	mg/Kg	☼	10/12/25 12:39	10/14/25 18:33	1
1,1,2,2-Tetrachloroethane	0.00096	U	0.00096	0.00050	mg/Kg	☼	10/12/25 12:39	10/14/25 18:33	1
1,1,2-Trichloro-1,2,2-trifluoroethane	0.00096	U	0.00096	0.00029	mg/Kg	☼	10/12/25 12:39	10/14/25 18:33	1
1,1,2-Trichloroethane	0.00096	U	0.00096	0.00057	mg/Kg	☼	10/12/25 12:39	10/14/25 18:33	1
1,1-Dichloroethane	0.00096	U	0.00096	0.00057	mg/Kg	☼	10/12/25 12:39	10/14/25 18:33	1
1,1-Dichloroethene	0.00096	U	0.00096	0.00021	mg/Kg	☼	10/12/25 12:39	10/14/25 18:33	1
1,2,3-Trichlorobenzene	0.00096	U	0.00096	0.00070	mg/Kg	☼	10/12/25 12:39	10/14/25 18:33	1
1,2,4-Trichlorobenzene	0.00096	U	0.00096	0.00034	mg/Kg	☼	10/12/25 12:39	10/14/25 18:33	1
1,2,4-Trimethylbenzene	**0.00042**	**J**	0.00096	0.00023	mg/Kg	☼	10/12/25 12:39	10/14/25 18:33	1
1,2-Dibromo-3-Chloropropane	0.00096	U	0.00096	0.00044	mg/Kg	☼	10/12/25 12:39	10/14/25 18:33	1
1,2-Dichlorobenzene	0.00096	U	0.00096	0.00034	mg/Kg	☼	10/12/25 12:39	10/14/25 18:33	1
1,2-Dichloroethane	0.00096	U	0.00096	0.00028	mg/Kg	☼	10/12/25 12:39	10/14/25 18:33	1
1,2-Dichloropropane	0.00096	U	0.00096	0.00040	mg/Kg	☼	10/12/25 12:39	10/14/25 18:33	1
1,3,5-Trimethylbenzene	0.00096	U	0.00096	0.00030	mg/Kg	☼	10/12/25 12:39	10/14/25 18:33	1
1,3-Dichlorobenzene	0.00096	U	0.00096	0.00035	mg/Kg	☼	10/12/25 12:39	10/14/25 18:33	1
1,4-Dichlorobenzene	0.00096	U	0.00096	0.00050	mg/Kg	☼	10/12/25 12:39	10/14/25 18:33	1
2-Butanone (MEK)	**0.016**		0.0048	0.00035	mg/Kg	☼	10/12/25 12:39	10/14/25 18:33	1
2-Hexanone	0.0048	U	0.0048	0.0016	mg/Kg	☼	10/12/25 12:39	10/14/25 18:33	1
4-Methyl-2-pentanone (MIBK)	0.0048	U	0.0048	0.0015	mg/Kg	☼	10/12/25 12:39	10/14/25 18:33	1
Acetone	**0.090**		0.0057	0.0055	mg/Kg	☼	10/12/25 12:39	10/14/25 18:33	1
Benzene	0.00096	U	0.00096	0.00054	mg/Kg	☼	10/12/25 12:39	10/14/25 18:33	1
Bromoform	0.00096	U	0.00096	0.00041	mg/Kg	☼	10/12/25 12:39	10/14/25 18:33	1
Bromomethane	0.0019	U	0.0019	0.00096	mg/Kg	☼	10/12/25 12:39	10/14/25 18:33	1
Carbon disulfide	**0.0018**		0.00096	0.00025	mg/Kg	☼	10/12/25 12:39	10/14/25 18:33	1
Carbon tetrachloride	0.00096	U	0.00096	0.00037	mg/Kg	☼	10/12/25 12:39	10/14/25 18:33	1
Chlorobenzene	0.00096	U	0.00096	0.00048	mg/Kg	☼	10/12/25 12:39	10/14/25 18:33	1
Chlorobromomethane	0.00096	U	0.00096	0.00057	mg/Kg	☼	10/12/25 12:39	10/14/25 18:33	1
Chlorodibromomethane	0.00096	U	0.00096	0.00051	mg/Kg	☼	10/12/25 12:39	10/14/25 18:33	1
Chloroethane	0.00096	U	0.00096	0.00050	mg/Kg	☼	10/12/25 12:39	10/14/25 18:33	1
Chloroform	0.00096	U	0.00096	0.00093	mg/Kg	☼	10/12/25 12:39	10/14/25 18:33	1
Chloromethane	0.00096	U	0.00096	0.00042	mg/Kg	☼	10/12/25 12:39	10/14/25 18:33	1
cis-1,2-Dichloroethene	0.00096	U	0.00096	0.00034	mg/Kg	☼	10/12/25 12:39	10/14/25 18:33	1
cis-1,3-Dichloropropene	0.00096	U	0.00096	0.00026	mg/Kg	☼	10/12/25 12:39	10/14/25 18:33	1
Cyclohexane	0.00096	U	0.00096	0.00021	mg/Kg	☼	10/12/25 12:39	10/14/25 18:33	1
Dichlorobromomethane	0.00096	U	0.00096	0.00025	mg/Kg	☼	10/12/25 12:39	10/14/25 18:33	1
Dichlorodifluoromethane	0.00096	U	0.00096	0.00032	mg/Kg	☼	10/12/25 12:39	10/14/25 18:33	1
Ethylbenzene	0.00096	U	0.00096	0.00045	mg/Kg	☼	10/12/25 12:39	10/14/25 18:33	1
Ethylene Dibromide	0.00096	U	0.00096	0.00048	mg/Kg	☼	10/12/25 12:39	10/14/25 18:33	1
Isopropylbenzene	0.00096	U	0.00096	0.00027	mg/Kg	☼	10/12/25 12:39	10/14/25 18:33	1
Methyl acetate	0.0048	U	0.0048	0.0041	mg/Kg	☼	10/12/25 12:39	10/14/25 18:33	1
Methyl tert-butyl ether	0.00096	U	0.00096	0.00049	mg/Kg	☼	10/12/25 12:39	10/14/25 18:33	1
Methylcyclohexane	0.00096	U	0.00096	0.00048	mg/Kg	☼	10/12/25 12:39	10/14/25 18:33	1
Methylene Chloride	**0.0040**		0.0019	0.0011	mg/Kg	☼	10/12/25 12:39	10/14/25 18:33	1
m-Xylene & p-Xylene	**0.00047**	**J**	0.00096	0.00040	mg/Kg	☼	10/12/25 12:39	10/14/25 18:33	1
n-Butylbenzene	0.00096	U	0.00096	0.00028	mg/Kg	☼	10/12/25 12:39	10/14/25 18:33	1
N-Propylbenzene	0.00096	U	0.00096	0.00043	mg/Kg	☼	10/12/25 12:39	10/14/25 18:33	1
o-Xylene	0.00096	U	0.00096	0.00044	mg/Kg	☼	10/12/25 12:39	10/14/25 18:33	1
sec-Butylbenzene	0.00096	U	0.00096	0.00028	mg/Kg	☼	10/12/25 12:39	10/14/25 18:33	1
Styrene	0.00096	U	0.00096	0.00027	mg/Kg	☼	10/12/25 12:39	10/14/25 18:33	1

Client Sample ID: 50C2_6-7

Lab Sample ID: 460-336881-65
Date Collected: 10/09/25 09:45
Matrix: Solid
Date Received: 10/09/25 16:58
Percent Solids: 88.9

Method: SW846 8260D - Volatile Organic Compounds by GC/MS (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
tert-Butylbenzene	0.00096	U	0.00096	0.00026	mg/Kg	☼	10/12/25 12:39	10/14/25 18:33	1
Tetrachloroethene	0.00096	U	0.00096	0.00029	mg/Kg	☼	10/12/25 12:39	10/14/25 18:33	1
Toluene	0.00096	U	0.00096	0.00022	mg/Kg	☼	10/12/25 12:39	10/14/25 18:33	1
trans-1,2-Dichloroethene	0.00096	U	0.00096	0.00023	mg/Kg	☼	10/12/25 12:39	10/14/25 18:33	1
trans-1,3-Dichloropropene	0.00096	U	0.00096	0.00025	mg/Kg	☼	10/12/25 12:39	10/14/25 18:33	1
Trichloroethene	0.00096	U	0.00096	0.00031	mg/Kg	☼	10/12/25 12:39	10/14/25 18:33	1
Trichlorofluoromethane	0.00096	U	0.00096	0.00039	mg/Kg	☼	10/12/25 12:39	10/14/25 18:33	1
Vinyl chloride	0.00096	U	0.00096	0.00052	mg/Kg	☼	10/12/25 12:39	10/14/25 18:33	1
Xylenes, Total	**0.00047**	**J**	0.0019	0.00017	mg/Kg	☼	10/12/25 12:39	10/14/25 18:33	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,2-Dichloroethane-d4 (Surr)	*88*		*65 - 138*	*10/12/25 12:39*	*10/14/25 18:33*	*1*
4-Bromofluorobenzene	*115*		*71 - 128*	*10/12/25 12:39*	*10/14/25 18:33*	*1*
Dibromofluoromethane (Surr)	*101*		*50 - 150*	*10/12/25 12:39*	*10/14/25 18:33*	*1*
Toluene-d8 (Surr)	*104*		*71 - 126*	*10/12/25 12:39*	*10/14/25 18:33*	*1*

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Percent Moisture (EPA Moisture)	**11.1**		1.0	1.0	%			10/12/25 18:48	1
Percent Solids (EPA Moisture)	**88.9**		1.0	1.0	%			10/12/25 18:48	1

Client Sample ID: 50D1_3-4

Lab Sample ID: 460-336881-66
Date Collected: 10/09/25 09:50
Matrix: Solid
Date Received: 10/09/25 16:58
Percent Solids: 92.6

Method: SW846 8260D - Volatile Organic Compounds by GC/MS

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1-Trichloroethane	0.0012	U	0.0012	0.00028	mg/Kg	☼	10/12/25 12:39	10/14/25 18:58	1
1,1,2,2-Tetrachloroethane	0.0012	U	0.0012	0.00063	mg/Kg	☼	10/12/25 12:39	10/14/25 18:58	1
1,1,2-Trichloro-1,2,2-trifluoroethane	0.0012	U	0.0012	0.00037	mg/Kg	☼	10/12/25 12:39	10/14/25 18:58	1
1,1,2-Trichloroethane	0.0012	U	0.0012	0.00073	mg/Kg	☼	10/12/25 12:39	10/14/25 18:58	1
1,1-Dichloroethane	0.0012	U	0.0012	0.00072	mg/Kg	☼	10/12/25 12:39	10/14/25 18:58	1
1,1-Dichloroethene	0.0012	U	0.0012	0.00027	mg/Kg	☼	10/12/25 12:39	10/14/25 18:58	1
1,2,3-Trichlorobenzene	0.0012	U	0.0012	0.00090	mg/Kg	☼	10/12/25 12:39	10/14/25 18:58	1
1,2,4-Trichlorobenzene	0.0012	U	0.0012	0.00043	mg/Kg	☼	10/12/25 12:39	10/14/25 18:58	1
1,2,4-Trimethylbenzene	0.0012	U	0.0012	0.00030	mg/Kg	☼	10/12/25 12:39	10/14/25 18:58	1
1,2-Dibromo-3-Chloropropane	0.0012	U	0.0012	0.00056	mg/Kg	☼	10/12/25 12:39	10/14/25 18:58	1
1,2-Dichlorobenzene	0.0012	U	0.0012	0.00044	mg/Kg	☼	10/12/25 12:39	10/14/25 18:58	1
1,2-Dichloroethane	0.0012	U	0.0012	0.00036	mg/Kg	☼	10/12/25 12:39	10/14/25 18:58	1
1,2-Dichloropropane	0.0012	U	0.0012	0.00051	mg/Kg	☼	10/12/25 12:39	10/14/25 18:58	1
1,3,5-Trimethylbenzene	0.0012	U	0.0012	0.00038	mg/Kg	☼	10/12/25 12:39	10/14/25 18:58	1
1,3-Dichlorobenzene	0.0012	U	0.0012	0.00044	mg/Kg	☼	10/12/25 12:39	10/14/25 18:58	1
1,4-Dichlorobenzene	0.0012	U	0.0012	0.00063	mg/Kg	☼	10/12/25 12:39	10/14/25 18:58	1
2-Butanone (MEK)	0.0061	U	0.0061	0.00045	mg/Kg	☼	10/12/25 12:39	10/14/25 18:58	1
2-Hexanone	0.0061	U	0.0061	0.0021	mg/Kg	☼	10/12/25 12:39	10/14/25 18:58	1
4-Methyl-2-pentanone (MIBK)	0.0061	U	0.0061	0.0019	mg/Kg	☼	10/12/25 12:39	10/14/25 18:58	1
Acetone	0.0073	U	0.0073	0.0069	mg/Kg	☼	10/12/25 12:39	10/14/25 18:58	1
Benzene	0.0012	U	0.0012	0.00069	mg/Kg	☼	10/12/25 12:39	10/14/25 18:58	1
Bromoform	0.0012	U	0.0012	0.00052	mg/Kg	☼	10/12/25 12:39	10/14/25 18:58	1
Bromomethane	0.0024	U	0.0024	0.0012	mg/Kg	☼	10/12/25 12:39	10/14/25 18:58	1

Client Sample ID: 50D1_3-4
Date Collected: 10/09/25 09:50
Date Received: 10/09/25 16:58

Lab Sample ID: 460-336881-66
Matrix: Solid
Percent Solids: 92.6

Method: SW846 8260D - Volatile Organic Compounds by GC/MS (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Carbon disulfide	0.0012	U	0.0012	0.00032	mg/Kg	☼	10/12/25 12:39	10/14/25 18:58	1
Carbon tetrachloride	0.0012	U	0.0012	0.00047	mg/Kg	☼	10/12/25 12:39	10/14/25 18:58	1
Chlorobenzene	0.0012	U	0.0012	0.00061	mg/Kg	☼	10/12/25 12:39	10/14/25 18:58	1
Chlorobromomethane	0.0012	U	0.0012	0.00072	mg/Kg	☼	10/12/25 12:39	10/14/25 18:58	1
Chlorodibromomethane	0.0012	U	0.0012	0.00065	mg/Kg	☼	10/12/25 12:39	10/14/25 18:58	1
Chloroethane	0.0012	U	0.0012	0.00063	mg/Kg	☼	10/12/25 12:39	10/14/25 18:58	1
Chloroform	0.0012	U	0.0012	0.0012	mg/Kg	☼	10/12/25 12:39	10/14/25 18:58	1
Chloromethane	0.0012	U	0.0012	0.00053	mg/Kg	☼	10/12/25 12:39	10/14/25 18:58	1
cis-1,2-Dichloroethene	0.0012	U	0.0012	0.00043	mg/Kg	☼	10/12/25 12:39	10/14/25 18:58	1
cis-1,3-Dichloropropene	0.0012	U	0.0012	0.00033	mg/Kg	☼	10/12/25 12:39	10/14/25 18:58	1
Cyclohexane	0.0012	U	0.0012	0.00027	mg/Kg	☼	10/12/25 12:39	10/14/25 18:58	1
Dichlorobromomethane	0.0012	U	0.0012	0.00031	mg/Kg	☼	10/12/25 12:39	10/14/25 18:58	1
Dichlorodifluoromethane	0.0012	U	0.0012	0.00041	mg/Kg	☼	10/12/25 12:39	10/14/25 18:58	1
Ethylbenzene	0.0012	U	0.0012	0.00057	mg/Kg	☼	10/12/25 12:39	10/14/25 18:58	1
Ethylene Dibromide	0.0012	U	0.0012	0.00061	mg/Kg	☼	10/12/25 12:39	10/14/25 18:58	1
Isopropylbenzene	0.0012	U	0.0012	0.00035	mg/Kg	☼	10/12/25 12:39	10/14/25 18:58	1
Methyl acetate	0.0061	U	0.0061	0.0052	mg/Kg	☼	10/12/25 12:39	10/14/25 18:58	1
Methyl tert-butyl ether	0.0012	U	0.0012	0.00062	mg/Kg	☼	10/12/25 12:39	10/14/25 18:58	1
Methylcyclohexane	0.0012	U	0.0012	0.00061	mg/Kg	☼	10/12/25 12:39	10/14/25 18:58	1
Methylene Chloride	**0.0016**	**J**	0.0024	0.0014	mg/Kg	☼	10/12/25 12:39	10/14/25 18:58	1
m-Xylene & p-Xylene	0.0012	U	0.0012	0.00051	mg/Kg	☼	10/12/25 12:39	10/14/25 18:58	1
n-Butylbenzene	0.0012	U	0.0012	0.00036	mg/Kg	☼	10/12/25 12:39	10/14/25 18:58	1
N-Propylbenzene	0.0012	U	0.0012	0.00054	mg/Kg	☼	10/12/25 12:39	10/14/25 18:58	1
o-Xylene	0.0012	U	0.0012	0.00056	mg/Kg	☼	10/12/25 12:39	10/14/25 18:58	1
sec-Butylbenzene	0.0012	U	0.0012	0.00035	mg/Kg	☼	10/12/25 12:39	10/14/25 18:58	1
Styrene	0.0012	U	0.0012	0.00034	mg/Kg	☼	10/12/25 12:39	10/14/25 18:58	1
tert-Butylbenzene	0.0012	U	0.0012	0.00033	mg/Kg	☼	10/12/25 12:39	10/14/25 18:58	1
Tetrachloroethene	0.0012	U	0.0012	0.00037	mg/Kg	☼	10/12/25 12:39	10/14/25 18:58	1
Toluene	0.0012	U	0.0012	0.00028	mg/Kg	☼	10/12/25 12:39	10/14/25 18:58	1
trans-1,2-Dichloroethene	0.0012	U	0.0012	0.00030	mg/Kg	☼	10/12/25 12:39	10/14/25 18:58	1
trans-1,3-Dichloropropene	0.0012	U	0.0012	0.00032	mg/Kg	☼	10/12/25 12:39	10/14/25 18:58	1
Trichloroethene	0.0012	U	0.0012	0.00039	mg/Kg	☼	10/12/25 12:39	10/14/25 18:58	1
Trichlorofluoromethane	0.0012	U	0.0012	0.00049	mg/Kg	☼	10/12/25 12:39	10/14/25 18:58	1
Vinyl chloride	0.0012	U	0.0012	0.00066	mg/Kg	☼	10/12/25 12:39	10/14/25 18:58	1
Xylenes, Total	0.0024	U	0.0024	0.00021	mg/Kg	☼	10/12/25 12:39	10/14/25 18:58	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,2-Dichloroethane-d4 (Surr)	*87*		*65 - 138*	*10/12/25 12:39*	*10/14/25 18:58*	*1*
4-Bromofluorobenzene	*101*		*71 - 128*	*10/12/25 12:39*	*10/14/25 18:58*	*1*
Dibromofluoromethane (Surr)	*99*		*50 - 150*	*10/12/25 12:39*	*10/14/25 18:58*	*1*
Toluene-d8 (Surr)	*101*		*71 - 126*	*10/12/25 12:39*	*10/14/25 18:58*	*1*

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Percent Moisture (EPA Moisture)	**7.4**		1.0	1.0	%			10/12/25 18:48	1
Percent Solids (EPA Moisture)	**92.6**		1.0	1.0	%			10/12/25 18:48	1

Client: Haley & Aldrich, Inc.
Project/Site: Former Port Mobil

Job ID: 460-336881-1

Client Sample ID: 50D2_1-2
Date Collected: 10/09/25 09:55
Date Received: 10/09/25 16:58

Lab Sample ID: 460-336881-67
Matrix: Solid
Percent Solids: 94.8

Method: SW846 8260D - Volatile Organic Compounds by GC/MS

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1-Trichloroethane	0.0010	U	0.0010	0.00023	mg/Kg	☼	10/12/25 12:45	10/13/25 21:35	1
1,1,2,2-Tetrachloroethane	0.0010	U	0.0010	0.00052	mg/Kg	☼	10/12/25 12:45	10/13/25 21:35	1
1,1,2-Trichloro-1,2,2-trifluoroethane	0.0010	U	0.0010	0.00030	mg/Kg	☼	10/12/25 12:45	10/13/25 21:35	1
1,1,2-Trichloroethane	0.0010	U	0.0010	0.00060	mg/Kg	☼	10/12/25 12:45	10/13/25 21:35	1
1,1-Dichloroethane	0.0010	U	0.0010	0.00060	mg/Kg	☼	10/12/25 12:45	10/13/25 21:35	1
1,1-Dichloroethene	0.0010	U	0.0010	0.00022	mg/Kg	☼	10/12/25 12:45	10/13/25 21:35	1
1,2,3-Trichlorobenzene	0.0010	U	0.0010	0.00074	mg/Kg	☼	10/12/25 12:45	10/13/25 21:35	1
1,2,4-Trichlorobenzene	0.0010	U	0.0010	0.00036	mg/Kg	☼	10/12/25 12:45	10/13/25 21:35	1
1,2,4-Trimethylbenzene	0.0010	U	0.0010	0.00025	mg/Kg	☼	10/12/25 12:45	10/13/25 21:35	1
1,2-Dibromo-3-Chloropropane	0.0010	U	0.0010	0.00046	mg/Kg	☼	10/12/25 12:45	10/13/25 21:35	1
1,2-Dichlorobenzene	0.0010	U	0.0010	0.00036	mg/Kg	☼	10/12/25 12:45	10/13/25 21:35	1
1,2-Dichloroethane	0.0010	U	0.0010	0.00030	mg/Kg	☼	10/12/25 12:45	10/13/25 21:35	1
1,2-Dichloropropane	0.0010	U	0.0010	0.00042	mg/Kg	☼	10/12/25 12:45	10/13/25 21:35	1
1,3,5-Trimethylbenzene	0.0010	U	0.0010	0.00031	mg/Kg	☼	10/12/25 12:45	10/13/25 21:35	1
1,3-Dichlorobenzene	0.0010	U	0.0010	0.00036	mg/Kg	☼	10/12/25 12:45	10/13/25 21:35	1
1,4-Dichlorobenzene	0.0010	U	0.0010	0.00052	mg/Kg	☼	10/12/25 12:45	10/13/25 21:35	1
2-Butanone (MEK)	0.0050	U	0.0050	0.00037	mg/Kg	☼	10/12/25 12:45	10/13/25 21:35	1
2-Hexanone	0.0050	U *	0.0050	0.0017	mg/Kg	☼	10/12/25 12:45	10/13/25 21:35	1
4-Methyl-2-pentanone (MIBK)	0.0050	U *	0.0050	0.0016	mg/Kg	☼	10/12/25 12:45	10/13/25 21:35	1
Acetone	0.0060	U	0.0060	0.0057	mg/Kg	☼	10/12/25 12:45	10/13/25 21:35	1
Benzene	0.0010	U	0.0010	0.00057	mg/Kg	☼	10/12/25 12:45	10/13/25 21:35	1
Bromoform	0.0010	U	0.0010	0.00042	mg/Kg	☼	10/12/25 12:45	10/13/25 21:35	1
Bromomethane	0.0020	U	0.0020	0.0010	mg/Kg	☼	10/12/25 12:45	10/13/25 21:35	1
Carbon disulfide	0.0010	U	0.0010	0.00027	mg/Kg	☼	10/12/25 12:45	10/13/25 21:35	1
Carbon tetrachloride	0.0010	U	0.0010	0.00039	mg/Kg	☼	10/12/25 12:45	10/13/25 21:35	1
Chlorobenzene	0.0010	U	0.0010	0.00051	mg/Kg	☼	10/12/25 12:45	10/13/25 21:35	1
Chlorobromomethane	0.0010	U	0.0010	0.00059	mg/Kg	☼	10/12/25 12:45	10/13/25 21:35	1
Chlorodibromomethane	0.0010	U	0.0010	0.00054	mg/Kg	☼	10/12/25 12:45	10/13/25 21:35	1
Chloroethane	0.0010	U	0.0010	0.00052	mg/Kg	☼	10/12/25 12:45	10/13/25 21:35	1
Chloroform	0.0010	U	0.0010	0.00097	mg/Kg	☼	10/12/25 12:45	10/13/25 21:35	1
Chloromethane	0.0010	U	0.0010	0.00043	mg/Kg	☼	10/12/25 12:45	10/13/25 21:35	1
cis-1,2-Dichloroethene	0.0010	U	0.0010	0.00036	mg/Kg	☼	10/12/25 12:45	10/13/25 21:35	1
cis-1,3-Dichloropropene	0.0010	U	0.0010	0.00027	mg/Kg	☼	10/12/25 12:45	10/13/25 21:35	1
Cyclohexane	0.0010	U	0.0010	0.00022	mg/Kg	☼	10/12/25 12:45	10/13/25 21:35	1
Dichlorobromomethane	0.0010	U	0.0010	0.00026	mg/Kg	☼	10/12/25 12:45	10/13/25 21:35	1
Dichlorodifluoromethane	0.0010	U	0.0010	0.00034	mg/Kg	☼	10/12/25 12:45	10/13/25 21:35	1
Ethylbenzene	0.0010	U	0.0010	0.00047	mg/Kg	☼	10/12/25 12:45	10/13/25 21:35	1
Ethylene Dibromide	0.0010	U	0.0010	0.00050	mg/Kg	☼	10/12/25 12:45	10/13/25 21:35	1
Isopropylbenzene	0.0010	U	0.0010	0.00028	mg/Kg	☼	10/12/25 12:45	10/13/25 21:35	1
Methyl acetate	0.0050	U	0.0050	0.0043	mg/Kg	☼	10/12/25 12:45	10/13/25 21:35	1
Methyl tert-butyl ether	0.0010	U	0.0010	0.00051	mg/Kg	☼	10/12/25 12:45	10/13/25 21:35	1
Methylcyclohexane	0.0010	U	0.0010	0.00050	mg/Kg	☼	10/12/25 12:45	10/13/25 21:35	1
Methylene Chloride	0.0020	U	0.0020	0.0011	mg/Kg	☼	10/12/25 12:45	10/13/25 21:35	1
m-Xylene & p-Xylene	0.0010	U	0.0010	0.00042	mg/Kg	☼	10/12/25 12:45	10/13/25 21:35	1
n-Butylbenzene	0.0010	U	0.0010	0.00029	mg/Kg	☼	10/12/25 12:45	10/13/25 21:35	1
N-Propylbenzene	0.0010	U	0.0010	0.00045	mg/Kg	☼	10/12/25 12:45	10/13/25 21:35	1
o-Xylene	0.0010	U	0.0010	0.00046	mg/Kg	☼	10/12/25 12:45	10/13/25 21:35	1
sec-Butylbenzene	0.0010	U	0.0010	0.00029	mg/Kg	☼	10/12/25 12:45	10/13/25 21:35	1
Styrene	0.0010	U	0.0010	0.00028	mg/Kg	☼	10/12/25 12:45	10/13/25 21:35	1

Client Sample ID: 50D2_1-2

Lab Sample ID: 460-336881-67

Date Collected: 10/09/25 09:55
Matrix: Solid
Date Received: 10/09/25 16:58
Percent Solids: 94.8

Method: SW846 8260D - Volatile Organic Compounds by GC/MS (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
tert-Butylbenzene	0.0010	U	0.0010	0.00028	mg/Kg	☼	10/12/25 12:45	10/13/25 21:35	1
Tetrachloroethene	0.0010	U	0.0010	0.00030	mg/Kg	☼	10/12/25 12:45	10/13/25 21:35	1
Toluene	0.0010	U	0.0010	0.00023	mg/Kg	☼	10/12/25 12:45	10/13/25 21:35	1
trans-1,2-Dichloroethene	0.0010	U	0.0010	0.00025	mg/Kg	☼	10/12/25 12:45	10/13/25 21:35	1
trans-1,3-Dichloropropene	0.0010	U	0.0010	0.00027	mg/Kg	☼	10/12/25 12:45	10/13/25 21:35	1
Trichloroethene	0.0010	U	0.0010	0.00032	mg/Kg	☼	10/12/25 12:45	10/13/25 21:35	1
Trichlorofluoromethane	0.0010	U	0.0010	0.00041	mg/Kg	☼	10/12/25 12:45	10/13/25 21:35	1
Vinyl chloride	0.0010	U	0.0010	0.00054	mg/Kg	☼	10/12/25 12:45	10/13/25 21:35	1
Xylenes, Total	0.0020	U	0.0020	0.00017	mg/Kg	☼	10/12/25 12:45	10/13/25 21:35	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,2-Dichloroethane-d4 (Surr)	*108*		*65 - 138*	*10/12/25 12:45*	*10/13/25 21:35*	*1*
4-Bromofluorobenzene	*105*		*71 - 128*	*10/12/25 12:45*	*10/13/25 21:35*	*1*
Dibromofluoromethane (Surr)	*117*		*50 - 150*	*10/12/25 12:45*	*10/13/25 21:35*	*1*
Toluene-d8 (Surr)	*94*		*71 - 126*	*10/12/25 12:45*	*10/13/25 21:35*	*1*

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Percent Moisture (EPA Moisture)	**5.2**		1.0	1.0	%			10/12/25 18:48	1
Percent Solids (EPA Moisture)	**94.8**		1.0	1.0	%			10/12/25 18:48	1

Client Sample ID: 50D3_4-5

Lab Sample ID: 460-336881-68

Date Collected: 10/09/25 10:00
Matrix: Solid
Date Received: 10/09/25 16:58
Percent Solids: 88.0

Method: SW846 8260D - Volatile Organic Compounds by GC/MS

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1-Trichloroethane	0.00094	U	0.00094	0.00022	mg/Kg	☼	10/12/25 12:45	10/13/25 21:58	1
1,1,2,2-Tetrachloroethane	0.00094	U	0.00094	0.00049	mg/Kg	☼	10/12/25 12:45	10/13/25 21:58	1
1,1,2-Trichloro-1,2,2-trifluoroethane	0.00094	U	0.00094	0.00028	mg/Kg	☼	10/12/25 12:45	10/13/25 21:58	1
1,1,2-Trichloroethane	0.00094	U	0.00094	0.00056	mg/Kg	☼	10/12/25 12:45	10/13/25 21:58	1
1,1-Dichloroethane	0.00094	U	0.00094	0.00056	mg/Kg	☼	10/12/25 12:45	10/13/25 21:58	1
1,1-Dichloroethene	0.00094	U	0.00094	0.00021	mg/Kg	☼	10/12/25 12:45	10/13/25 21:58	1
1,2,3-Trichlorobenzene	0.00094	U	0.00094	0.00069	mg/Kg	☼	10/12/25 12:45	10/13/25 21:58	1
1,2,4-Trichlorobenzene	0.00094	U	0.00094	0.00034	mg/Kg	☼	10/12/25 12:45	10/13/25 21:58	1
1,2,4-Trimethylbenzene	0.00094	U	0.00094	0.00023	mg/Kg	☼	10/12/25 12:45	10/13/25 21:58	1
1,2-Dibromo-3-Chloropropane	0.00094	U	0.00094	0.00043	mg/Kg	☼	10/12/25 12:45	10/13/25 21:58	1
1,2-Dichlorobenzene	0.00094	U	0.00094	0.00034	mg/Kg	☼	10/12/25 12:45	10/13/25 21:58	1
1,2-Dichloroethane	0.00094	U	0.00094	0.00028	mg/Kg	☼	10/12/25 12:45	10/13/25 21:58	1
1,2-Dichloropropane	0.00094	U	0.00094	0.00040	mg/Kg	☼	10/12/25 12:45	10/13/25 21:58	1
1,3,5-Trimethylbenzene	0.00094	U	0.00094	0.00030	mg/Kg	☼	10/12/25 12:45	10/13/25 21:58	1
1,3-Dichlorobenzene	0.00094	U	0.00094	0.00034	mg/Kg	☼	10/12/25 12:45	10/13/25 21:58	1
1,4-Dichlorobenzene	0.00094	U	0.00094	0.00049	mg/Kg	☼	10/12/25 12:45	10/13/25 21:58	1
2-Butanone (MEK)	0.0047	U	0.0047	0.00035	mg/Kg	☼	10/12/25 12:45	10/13/25 21:58	1
2-Hexanone	0.0047	U *	0.0047	0.0016	mg/Kg	☼	10/12/25 12:45	10/13/25 21:58	1
4-Methyl-2-pentanone (MIBK)	0.0047	U *	0.0047	0.0015	mg/Kg	☼	10/12/25 12:45	10/13/25 21:58	1
Acetone	0.0056	U	0.0056	0.0054	mg/Kg	☼	10/12/25 12:45	10/13/25 21:58	1
Benzene	0.00094	U	0.00094	0.00053	mg/Kg	☼	10/12/25 12:45	10/13/25 21:58	1
Bromoform	0.00094	U	0.00094	0.00040	mg/Kg	☼	10/12/25 12:45	10/13/25 21:58	1
Bromomethane	0.0019	U	0.0019	0.00094	mg/Kg	☼	10/12/25 12:45	10/13/25 21:58	1

Client Sample ID: 50D3_4-5
Date Collected: 10/09/25 10:00
Date Received: 10/09/25 16:58

Lab Sample ID: 460-336881-68
Matrix: Solid
Percent Solids: 88.0

Method: SW846 8260D - Volatile Organic Compounds by GC/MS (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Carbon disulfide	0.00094	U	0.00094	0.00025	mg/Kg	☼	10/12/25 12:45	10/13/25 21:58	1
Carbon tetrachloride	0.00094	U	0.00094	0.00036	mg/Kg	☼	10/12/25 12:45	10/13/25 21:58	1
Chlorobenzene	0.00094	U	0.00094	0.00048	mg/Kg	☼	10/12/25 12:45	10/13/25 21:58	1
Chlorobromomethane	0.00094	U	0.00094	0.00056	mg/Kg	☼	10/12/25 12:45	10/13/25 21:58	1
Chlorodibromomethane	0.00094	U	0.00094	0.00050	mg/Kg	☼	10/12/25 12:45	10/13/25 21:58	1
Chloroethane	0.00094	U	0.00094	0.00049	mg/Kg	☼	10/12/25 12:45	10/13/25 21:58	1
Chloroform	0.00094	U	0.00094	0.00091	mg/Kg	☼	10/12/25 12:45	10/13/25 21:58	1
Chloromethane	0.00094	U	0.00094	0.00041	mg/Kg	☼	10/12/25 12:45	10/13/25 21:58	1
cis-1,2-Dichloroethene	0.00094	U	0.00094	0.00034	mg/Kg	☼	10/12/25 12:45	10/13/25 21:58	1
cis-1,3-Dichloropropene	0.00094	U	0.00094	0.00026	mg/Kg	☼	10/12/25 12:45	10/13/25 21:58	1
Cyclohexane	0.00094	U	0.00094	0.00021	mg/Kg	☼	10/12/25 12:45	10/13/25 21:58	1
Dichlorobromomethane	0.00094	U	0.00094	0.00024	mg/Kg	☼	10/12/25 12:45	10/13/25 21:58	1
Dichlorodifluoromethane	0.00094	U	0.00094	0.00032	mg/Kg	☼	10/12/25 12:45	10/13/25 21:58	1
Ethylbenzene	0.00094	U	0.00094	0.00044	mg/Kg	☼	10/12/25 12:45	10/13/25 21:58	1
Ethylene Dibromide	0.00094	U	0.00094	0.00047	mg/Kg	☼	10/12/25 12:45	10/13/25 21:58	1
Isopropylbenzene	0.00094	U	0.00094	0.00027	mg/Kg	☼	10/12/25 12:45	10/13/25 21:58	1
Methyl acetate	0.0047	U	0.0047	0.0040	mg/Kg	☼	10/12/25 12:45	10/13/25 21:58	1
Methyl tert-butyl ether	0.00094	U	0.00094	0.00048	mg/Kg	☼	10/12/25 12:45	10/13/25 21:58	1
Methylcyclohexane	0.00094	U	0.00094	0.00047	mg/Kg	☼	10/12/25 12:45	10/13/25 21:58	1
Methylene Chloride	0.0019	U	0.0019	0.0011	mg/Kg	☼	10/12/25 12:45	10/13/25 21:58	1
m-Xylene & p-Xylene	0.00094	U	0.00094	0.00040	mg/Kg	☼	10/12/25 12:45	10/13/25 21:58	1
n-Butylbenzene	0.00094	U	0.00094	0.00028	mg/Kg	☼	10/12/25 12:45	10/13/25 21:58	1
N-Propylbenzene	0.00094	U	0.00094	0.00042	mg/Kg	☼	10/12/25 12:45	10/13/25 21:58	1
o-Xylene	0.00094	U	0.00094	0.00043	mg/Kg	☼	10/12/25 12:45	10/13/25 21:58	1
sec-Butylbenzene	0.00094	U	0.00094	0.00027	mg/Kg	☼	10/12/25 12:45	10/13/25 21:58	1
Styrene	0.00094	U	0.00094	0.00026	mg/Kg	☼	10/12/25 12:45	10/13/25 21:58	1
tert-Butylbenzene	0.00094	U	0.00094	0.00026	mg/Kg	☼	10/12/25 12:45	10/13/25 21:58	1
Tetrachloroethene	0.00094	U	0.00094	0.00029	mg/Kg	☼	10/12/25 12:45	10/13/25 21:58	1
Toluene	0.00094	U	0.00094	0.00022	mg/Kg	☼	10/12/25 12:45	10/13/25 21:58	1
trans-1,2-Dichloroethene	0.00094	U	0.00094	0.00023	mg/Kg	☼	10/12/25 12:45	10/13/25 21:58	1
trans-1,3-Dichloropropene	0.00094	U	0.00094	0.00025	mg/Kg	☼	10/12/25 12:45	10/13/25 21:58	1
Trichloroethene	0.00094	U	0.00094	0.00030	mg/Kg	☼	10/12/25 12:45	10/13/25 21:58	1
Trichlorofluoromethane	0.00094	U	0.00094	0.00038	mg/Kg	☼	10/12/25 12:45	10/13/25 21:58	1
Vinyl chloride	0.00094	U	0.00094	0.00051	mg/Kg	☼	10/12/25 12:45	10/13/25 21:58	1
Xylenes, Total	0.0019	U	0.0019	0.00016	mg/Kg	☼	10/12/25 12:45	10/13/25 21:58	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,2-Dichloroethane-d4 (Surr)	*107*		*65 - 138*	*10/12/25 12:45*	*10/13/25 21:58*	*1*
4-Bromofluorobenzene	*101*		*71 - 128*	*10/12/25 12:45*	*10/13/25 21:58*	*1*
Dibromofluoromethane (Surr)	*117*		*50 - 150*	*10/12/25 12:45*	*10/13/25 21:58*	*1*
Toluene-d8 (Surr)	*93*		*71 - 126*	*10/12/25 12:45*	*10/13/25 21:58*	*1*

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Percent Moisture (EPA Moisture)	**12.0**		1.0	1.0	%			10/12/25 18:48	1
Percent Solids (EPA Moisture)	**88.0**		1.0	1.0	%			10/12/25 18:48	1

Client: Haley & Aldrich, Inc.
Project/Site: Former Port Mobil

Job ID: 460-336881-1

Client Sample ID: 50D1_5-6
Date Collected: 10/09/25 10:05
Date Received: 10/09/25 16:58

Lab Sample ID: 460-336881-69
Matrix: Solid
Percent Solids: 89.9

Method: SW846 8260D - Volatile Organic Compounds by GC/MS

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1-Trichloroethane	0.0011	U	0.0011	0.00027	mg/Kg	☼	10/12/25 12:46	10/13/25 22:21	1
1,1,2,2-Tetrachloroethane	0.0011	U	0.0011	0.00060	mg/Kg	☼	10/12/25 12:46	10/13/25 22:21	1
1,1,2-Trichloro-1,2,2-trifluoroethane	0.0011	U	0.0011	0.00035	mg/Kg	☼	10/12/25 12:46	10/13/25 22:21	1
1,1,2-Trichloroethane	0.0011	U	0.0011	0.00069	mg/Kg	☼	10/12/25 12:46	10/13/25 22:21	1
1,1-Dichloroethane	0.0011	U	0.0011	0.00068	mg/Kg	☼	10/12/25 12:46	10/13/25 22:21	1
1,1-Dichloroethene	0.0011	U	0.0011	0.00026	mg/Kg	☼	10/12/25 12:46	10/13/25 22:21	1
1,2,3-Trichlorobenzene	0.0011	U	0.0011	0.00085	mg/Kg	☼	10/12/25 12:46	10/13/25 22:21	1
1,2,4-Trichlorobenzene	0.0011	U	0.0011	0.00041	mg/Kg	☼	10/12/25 12:46	10/13/25 22:21	1
1,2,4-Trimethylbenzene	0.0011	U	0.0011	0.00028	mg/Kg	☼	10/12/25 12:46	10/13/25 22:21	1
1,2-Dibromo-3-Chloropropane	0.0011	U	0.0011	0.00053	mg/Kg	☼	10/12/25 12:46	10/13/25 22:21	1
1,2-Dichlorobenzene	0.0011	U	0.0011	0.00041	mg/Kg	☼	10/12/25 12:46	10/13/25 22:21	1
1,2-Dichloroethane	0.0011	U	0.0011	0.00034	mg/Kg	☼	10/12/25 12:46	10/13/25 22:21	1
1,2-Dichloropropane	0.0011	U	0.0011	0.00049	mg/Kg	☼	10/12/25 12:46	10/13/25 22:21	1
1,3,5-Trimethylbenzene	0.0011	U	0.0011	0.00036	mg/Kg	☼	10/12/25 12:46	10/13/25 22:21	1
1,3-Dichlorobenzene	0.0011	U	0.0011	0.00042	mg/Kg	☼	10/12/25 12:46	10/13/25 22:21	1
1,4-Dichlorobenzene	0.0011	U	0.0011	0.00060	mg/Kg	☼	10/12/25 12:46	10/13/25 22:21	1
2-Butanone (MEK)	0.0057	U	0.0057	0.00042	mg/Kg	☼	10/12/25 12:46	10/13/25 22:21	1
2-Hexanone	0.0057	U *	0.0057	0.0020	mg/Kg	☼	10/12/25 12:46	10/13/25 22:21	1
4-Methyl-2-pentanone (MIBK)	0.0057	U *	0.0057	0.0018	mg/Kg	☼	10/12/25 12:46	10/13/25 22:21	1
Acetone	0.0069	U	0.0069	0.0066	mg/Kg	☼	10/12/25 12:46	10/13/25 22:21	1
Benzene	0.0011	U	0.0011	0.00065	mg/Kg	☼	10/12/25 12:46	10/13/25 22:21	1
Bromoform	0.0011	U	0.0011	0.00049	mg/Kg	☼	10/12/25 12:46	10/13/25 22:21	1
Bromomethane	0.0023	U	0.0023	0.0011	mg/Kg	☼	10/12/25 12:46	10/13/25 22:21	1
Carbon disulfide	0.0011	U	0.0011	0.00031	mg/Kg	☼	10/12/25 12:46	10/13/25 22:21	1
Carbon tetrachloride	0.0011	U	0.0011	0.00044	mg/Kg	☼	10/12/25 12:46	10/13/25 22:21	1
Chlorobenzene	0.0011	U	0.0011	0.00058	mg/Kg	☼	10/12/25 12:46	10/13/25 22:21	1
Chlorobromomethane	0.0011	U	0.0011	0.00068	mg/Kg	☼	10/12/25 12:46	10/13/25 22:21	1
Chlorodibromomethane	0.0011	U	0.0011	0.00062	mg/Kg	☼	10/12/25 12:46	10/13/25 22:21	1
Chloroethane	0.0011	U	0.0011	0.00060	mg/Kg	☼	10/12/25 12:46	10/13/25 22:21	1
Chloroform	0.0011	U	0.0011	0.0011	mg/Kg	☼	10/12/25 12:46	10/13/25 22:21	1
Chloromethane	0.0011	U	0.0011	0.00050	mg/Kg	☼	10/12/25 12:46	10/13/25 22:21	1
cis-1,2-Dichloroethene	0.0011	U	0.0011	0.00041	mg/Kg	☼	10/12/25 12:46	10/13/25 22:21	1
cis-1,3-Dichloropropene	0.0011	U	0.0011	0.00031	mg/Kg	☼	10/12/25 12:46	10/13/25 22:21	1
Cyclohexane	0.0011	U	0.0011	0.00025	mg/Kg	☼	10/12/25 12:46	10/13/25 22:21	1
Dichlorobromomethane	0.0011	U	0.0011	0.00029	mg/Kg	☼	10/12/25 12:46	10/13/25 22:21	1
Dichlorodifluoromethane	0.0011	U	0.0011	0.00039	mg/Kg	☼	10/12/25 12:46	10/13/25 22:21	1
Ethylbenzene	0.0011	U	0.0011	0.00054	mg/Kg	☼	10/12/25 12:46	10/13/25 22:21	1
Ethylene Dibromide	0.0011	U	0.0011	0.00058	mg/Kg	☼	10/12/25 12:46	10/13/25 22:21	1
Isopropylbenzene	0.0011	U	0.0011	0.00033	mg/Kg	☼	10/12/25 12:46	10/13/25 22:21	1
Methyl acetate	0.0057	U	0.0057	0.0049	mg/Kg	☼	10/12/25 12:46	10/13/25 22:21	1
Methyl tert-butyl ether	0.0011	U	0.0011	0.00059	mg/Kg	☼	10/12/25 12:46	10/13/25 22:21	1
Methylcyclohexane	0.0011	U	0.0011	0.00057	mg/Kg	☼	10/12/25 12:46	10/13/25 22:21	1
Methylene Chloride	0.0023	U	0.0023	0.0013	mg/Kg	☼	10/12/25 12:46	10/13/25 22:21	1
m-Xylene & p-Xylene	0.0011	U	0.0011	0.00049	mg/Kg	☼	10/12/25 12:46	10/13/25 22:21	1
n-Butylbenzene	0.0011	U	0.0011	0.00034	mg/Kg	☼	10/12/25 12:46	10/13/25 22:21	1
N-Propylbenzene	0.0011	U	0.0011	0.00051	mg/Kg	☼	10/12/25 12:46	10/13/25 22:21	1
o-Xylene	0.0011	U	0.0011	0.00053	mg/Kg	☼	10/12/25 12:46	10/13/25 22:21	1
sec-Butylbenzene	0.0011	U	0.0011	0.00033	mg/Kg	☼	10/12/25 12:46	10/13/25 22:21	1
Styrene	0.0011	U	0.0011	0.00032	mg/Kg	☼	10/12/25 12:46	10/13/25 22:21	1

Client Sample ID: 50D1_5-6

Lab Sample ID: 460-336881-69

Date Collected: 10/09/25 10:05
Matrix: Solid
Date Received: 10/09/25 16:58
Percent Solids: 89.9

Method: SW846 8260D - Volatile Organic Compounds by GC/MS (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
tert-Butylbenzene	0.0011	U	0.0011	0.00032	mg/Kg	☼	10/12/25 12:46	10/13/25 22:21	1
Tetrachloroethene	0.0011	U	0.0011	0.00035	mg/Kg	☼	10/12/25 12:46	10/13/25 22:21	1
Toluene	0.0011	U	0.0011	0.00027	mg/Kg	☼	10/12/25 12:46	10/13/25 22:21	1
trans-1,2-Dichloroethene	0.0011	U	0.0011	0.00028	mg/Kg	☼	10/12/25 12:46	10/13/25 22:21	1
trans-1,3-Dichloropropene	0.0011	U	0.0011	0.00031	mg/Kg	☼	10/12/25 12:46	10/13/25 22:21	1
Trichloroethene	0.0011	U	0.0011	0.00037	mg/Kg	☼	10/12/25 12:46	10/13/25 22:21	1
Trichlorofluoromethane	0.0011	U	0.0011	0.00047	mg/Kg	☼	10/12/25 12:46	10/13/25 22:21	1
Vinyl chloride	0.0011	U	0.0011	0.00063	mg/Kg	☼	10/12/25 12:46	10/13/25 22:21	1
Xylenes, Total	0.0023	U	0.0023	0.00020	mg/Kg	☼	10/12/25 12:46	10/13/25 22:21	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,2-Dichloroethane-d4 (Surr)	*107*		*65 - 138*	*10/12/25 12:46*	*10/13/25 22:21*	*1*
4-Bromofluorobenzene	*102*		*71 - 128*	*10/12/25 12:46*	*10/13/25 22:21*	*1*
Dibromofluoromethane (Surr)	*116*		*50 - 150*	*10/12/25 12:46*	*10/13/25 22:21*	*1*
Toluene-d8 (Surr)	*93*		*71 - 126*	*10/12/25 12:46*	*10/13/25 22:21*	*1*

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Percent Moisture (EPA Moisture)	**10.1**		1.0	1.0	%			10/12/25 18:48	1
Percent Solids (EPA Moisture)	**89.9**		1.0	1.0	%			10/12/25 18:48	1

Client Sample ID: 50D4_6-7

Lab Sample ID: 460-336881-70

Date Collected: 10/09/25 10:10
Matrix: Solid
Date Received: 10/09/25 16:58
Percent Solids: 90.5

Method: SW846 8260D - Volatile Organic Compounds by GC/MS

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1-Trichloroethane	0.0011	U	0.0011	0.00026	mg/Kg	☼	10/12/25 12:47	10/13/25 11:11	1
1,1,2,2-Tetrachloroethane	0.0011	U	0.0011	0.00059	mg/Kg	☼	10/12/25 12:47	10/13/25 11:11	1
1,1,2-Trichloro-1,2,2-trifluoroethane	0.0011	U	0.0011	0.00034	mg/Kg	☼	10/12/25 12:47	10/13/25 11:11	1
1,1,2-Trichloroethane	0.0011	U	0.0011	0.00068	mg/Kg	☼	10/12/25 12:47	10/13/25 11:11	1
1,1-Dichloroethane	0.0011	U	0.0011	0.00067	mg/Kg	☼	10/12/25 12:47	10/13/25 11:11	1
1,1-Dichloroethene	0.0011	U	0.0011	0.00025	mg/Kg	☼	10/12/25 12:47	10/13/25 11:11	1
1,2,3-Trichlorobenzene	0.0011	U	0.0011	0.00083	mg/Kg	☼	10/12/25 12:47	10/13/25 11:11	1
1,2,4-Trichlorobenzene	0.0011	U	0.0011	0.00040	mg/Kg	☼	10/12/25 12:47	10/13/25 11:11	1
1,2,4-Trimethylbenzene	0.0011	U	0.0011	0.00028	mg/Kg	☼	10/12/25 12:47	10/13/25 11:11	1
1,2-Dibromo-3-Chloropropane	0.0011	U	0.0011	0.00052	mg/Kg	☼	10/12/25 12:47	10/13/25 11:11	1
1,2-Dichlorobenzene	0.0011	U	0.0011	0.00041	mg/Kg	☼	10/12/25 12:47	10/13/25 11:11	1
1,2-Dichloroethane	0.0011	U	0.0011	0.00033	mg/Kg	☼	10/12/25 12:47	10/13/25 11:11	1
1,2-Dichloropropane	0.0011	U	0.0011	0.00048	mg/Kg	☼	10/12/25 12:47	10/13/25 11:11	1
1,3,5-Trimethylbenzene	0.0011	U	0.0011	0.00035	mg/Kg	☼	10/12/25 12:47	10/13/25 11:11	1
1,3-Dichlorobenzene	0.0011	U	0.0011	0.00041	mg/Kg	☼	10/12/25 12:47	10/13/25 11:11	1
1,4-Dichlorobenzene	0.0011	U	0.0011	0.00059	mg/Kg	☼	10/12/25 12:47	10/13/25 11:11	1
2-Butanone (MEK)	0.0057	U	0.0057	0.00042	mg/Kg	☼	10/12/25 12:47	10/13/25 11:11	1
2-Hexanone	0.0057	U *	0.0057	0.0019	mg/Kg	☼	10/12/25 12:47	10/13/25 11:11	1
4-Methyl-2-pentanone (MIBK)	0.0057	U *	0.0057	0.0018	mg/Kg	☼	10/12/25 12:47	10/13/25 11:11	1
Acetone	0.0068	U	0.0068	0.0065	mg/Kg	☼	10/12/25 12:47	10/13/25 11:11	1
Benzene	0.0011	U	0.0011	0.00064	mg/Kg	☼	10/12/25 12:47	10/13/25 11:11	1
Bromoform	0.0011	U	0.0011	0.00048	mg/Kg	☼	10/12/25 12:47	10/13/25 11:11	1
Bromomethane	0.0023	U	0.0023	0.0011	mg/Kg	☼	10/12/25 12:47	10/13/25 11:11	1

Client Sample ID: 50D4_6-7
Date Collected: 10/09/25 10:10
Date Received: 10/09/25 16:58

Lab Sample ID: 460-336881-70
Matrix: Solid
Percent Solids: 90.5

Method: SW846 8260D - Volatile Organic Compounds by GC/MS (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Carbon disulfide	0.0011	U	0.0011	0.00030	mg/Kg	☼	10/12/25 12:47	10/13/25 11:11	1
Carbon tetrachloride	0.0011	U	0.0011	0.00044	mg/Kg	☼	10/12/25 12:47	10/13/25 11:11	1
Chlorobenzene	0.0011	U	0.0011	0.00057	mg/Kg	☼	10/12/25 12:47	10/13/25 11:11	1
Chlorobromomethane	0.0011	U	0.0011	0.00067	mg/Kg	☼	10/12/25 12:47	10/13/25 11:11	1
Chlorodibromomethane	0.0011	U	0.0011	0.00061	mg/Kg	☼	10/12/25 12:47	10/13/25 11:11	1
Chloroethane	0.0011	U	0.0011	0.00059	mg/Kg	☼	10/12/25 12:47	10/13/25 11:11	1
Chloroform	0.0011	U	0.0011	0.0011	mg/Kg	☼	10/12/25 12:47	10/13/25 11:11	1
Chloromethane	0.0011	U	0.0011	0.00049	mg/Kg	☼	10/12/25 12:47	10/13/25 11:11	1
cis-1,2-Dichloroethene	0.0011	U	0.0011	0.00040	mg/Kg	☼	10/12/25 12:47	10/13/25 11:11	1
cis-1,3-Dichloropropene	0.0011	U	0.0011	0.00031	mg/Kg	☼	10/12/25 12:47	10/13/25 11:11	1
Cyclohexane	0.0011	U	0.0011	0.00025	mg/Kg	☼	10/12/25 12:47	10/13/25 11:11	1
Dichlorobromomethane	0.0011	U	0.0011	0.00029	mg/Kg	☼	10/12/25 12:47	10/13/25 11:11	1
Dichlorodifluoromethane	0.0011	U	0.0011	0.00038	mg/Kg	☼	10/12/25 12:47	10/13/25 11:11	1
Ethylbenzene	0.0011	U	0.0011	0.00053	mg/Kg	☼	10/12/25 12:47	10/13/25 11:11	1
Ethylene Dibromide	0.0011	U	0.0011	0.00057	mg/Kg	☼	10/12/25 12:47	10/13/25 11:11	1
Isopropylbenzene	0.0011	U	0.0011	0.00032	mg/Kg	☼	10/12/25 12:47	10/13/25 11:11	1
Methyl acetate	0.0057	U	0.0057	0.0049	mg/Kg	☼	10/12/25 12:47	10/13/25 11:11	1
Methyl tert-butyl ether	0.0011	U	0.0011	0.00058	mg/Kg	☼	10/12/25 12:47	10/13/25 11:11	1
Methylcyclohexane	0.0011	U	0.0011	0.00056	mg/Kg	☼	10/12/25 12:47	10/13/25 11:11	1
Methylene Chloride	0.0023	U	0.0023	0.0013	mg/Kg	☼	10/12/25 12:47	10/13/25 11:11	1
m-Xylene & p-Xylene	0.0011	U	0.0011	0.00048	mg/Kg	☼	10/12/25 12:47	10/13/25 11:11	1
n-Butylbenzene	0.0011	U	0.0011	0.00033	mg/Kg	☼	10/12/25 12:47	10/13/25 11:11	1
N-Propylbenzene	0.0011	U	0.0011	0.00051	mg/Kg	☼	10/12/25 12:47	10/13/25 11:11	1
o-Xylene	0.0011	U	0.0011	0.00052	mg/Kg	☼	10/12/25 12:47	10/13/25 11:11	1
sec-Butylbenzene	0.0011	U	0.0011	0.00033	mg/Kg	☼	10/12/25 12:47	10/13/25 11:11	1
Styrene	0.0011	U	0.0011	0.00031	mg/Kg	☼	10/12/25 12:47	10/13/25 11:11	1
tert-Butylbenzene	0.0011	U	0.0011	0.00031	mg/Kg	☼	10/12/25 12:47	10/13/25 11:11	1
Tetrachloroethene	0.0011	U	0.0011	0.00034	mg/Kg	☼	10/12/25 12:47	10/13/25 11:11	1
Toluene	**0.00051**	**J**	0.0011	0.00026	mg/Kg	☼	10/12/25 12:47	10/13/25 11:11	1
trans-1,2-Dichloroethene	0.0011	U	0.0011	0.00028	mg/Kg	☼	10/12/25 12:47	10/13/25 11:11	1
trans-1,3-Dichloropropene	0.0011	U	0.0011	0.00030	mg/Kg	☼	10/12/25 12:47	10/13/25 11:11	1
Trichloroethene	0.0011	U	0.0011	0.00036	mg/Kg	☼	10/12/25 12:47	10/13/25 11:11	1
Trichlorofluoromethane	0.0011	U	0.0011	0.00046	mg/Kg	☼	10/12/25 12:47	10/13/25 11:11	1
Vinyl chloride	0.0011	U	0.0011	0.00062	mg/Kg	☼	10/12/25 12:47	10/13/25 11:11	1
Xylenes, Total	0.0023	U	0.0023	0.00020	mg/Kg	☼	10/12/25 12:47	10/13/25 11:11	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,2-Dichloroethane-d4 (Surr)	*114*		*65 - 138*	*10/12/25 12:47*	*10/13/25 11:11*	*1*
4-Bromofluorobenzene	*103*		*71 - 128*	*10/12/25 12:47*	*10/13/25 11:11*	*1*
Dibromofluoromethane (Surr)	*117*		*50 - 150*	*10/12/25 12:47*	*10/13/25 11:11*	*1*
Toluene-d8 (Surr)	*95*		*71 - 126*	*10/12/25 12:47*	*10/13/25 11:11*	*1*

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Percent Moisture (EPA Moisture)	**9.5**		1.0	1.0	%			10/12/25 18:48	1
Percent Solids (EPA Moisture)	**90.5**		1.0	1.0	%			10/12/25 18:48	1

Client: Haley & Aldrich, Inc.
Project/Site: Former Port Mobil

Job ID: 460-336881-1

Client Sample ID: 50D3_9-10
Date Collected: 10/09/25 10:15
Date Received: 10/09/25 16:58

Lab Sample ID: 460-336881-71
Matrix: Solid
Percent Solids: 86.4

Method: SW846 8260D - Volatile Organic Compounds by GC/MS

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1-Trichloroethane	0.0011	U	0.0011	0.00026	mg/Kg	☼	10/12/25 12:47	10/13/25 11:34	1
1,1,2,2-Tetrachloroethane	0.0011	U	0.0011	0.00059	mg/Kg	☼	10/12/25 12:47	10/13/25 11:34	1
1,1,2-Trichloro-1,2,2-trifluoroethane	0.0011	U	0.0011	0.00034	mg/Kg	☼	10/12/25 12:47	10/13/25 11:34	1
1,1,2-Trichloroethane	0.0011	U	0.0011	0.00068	mg/Kg	☼	10/12/25 12:47	10/13/25 11:34	1
1,1-Dichloroethane	0.0011	U	0.0011	0.00068	mg/Kg	☼	10/12/25 12:47	10/13/25 11:34	1
1,1-Dichloroethene	0.0011	U	0.0011	0.00026	mg/Kg	☼	10/12/25 12:47	10/13/25 11:34	1
1,2,3-Trichlorobenzene	0.0011	U	0.0011	0.00084	mg/Kg	☼	10/12/25 12:47	10/13/25 11:34	1
1,2,4-Trichlorobenzene	0.0011	U	0.0011	0.00041	mg/Kg	☼	10/12/25 12:47	10/13/25 11:34	1
1,2,4-Trimethylbenzene	0.0011	U	0.0011	0.00028	mg/Kg	☼	10/12/25 12:47	10/13/25 11:34	1
1,2-Dibromo-3-Chloropropane	0.0011	U	0.0011	0.00052	mg/Kg	☼	10/12/25 12:47	10/13/25 11:34	1
1,2-Dichlorobenzene	0.0011	U	0.0011	0.00041	mg/Kg	☼	10/12/25 12:47	10/13/25 11:34	1
1,2-Dichloroethane	0.0011	U	0.0011	0.00034	mg/Kg	☼	10/12/25 12:47	10/13/25 11:34	1
1,2-Dichloropropane	0.0011	U	0.0011	0.00048	mg/Kg	☼	10/12/25 12:47	10/13/25 11:34	1
1,3,5-Trimethylbenzene	0.0011	U	0.0011	0.00036	mg/Kg	☼	10/12/25 12:47	10/13/25 11:34	1
1,3-Dichlorobenzene	0.0011	U	0.0011	0.00041	mg/Kg	☼	10/12/25 12:47	10/13/25 11:34	1
1,4-Dichlorobenzene	0.0011	U	0.0011	0.00059	mg/Kg	☼	10/12/25 12:47	10/13/25 11:34	1
2-Butanone (MEK)	0.0057	U	0.0057	0.00042	mg/Kg	☼	10/12/25 12:47	10/13/25 11:34	1
2-Hexanone	0.0057	U *	0.0057	0.0019	mg/Kg	☼	10/12/25 12:47	10/13/25 11:34	1
4-Methyl-2-pentanone (MIBK)	0.0057	U *	0.0057	0.0018	mg/Kg	☼	10/12/25 12:47	10/13/25 11:34	1
Acetone	0.0068	U	0.0068	0.0065	mg/Kg	☼	10/12/25 12:47	10/13/25 11:34	1
Benzene	0.0011	U	0.0011	0.00064	mg/Kg	☼	10/12/25 12:47	10/13/25 11:34	1
Bromoform	0.0011	U	0.0011	0.00048	mg/Kg	☼	10/12/25 12:47	10/13/25 11:34	1
Bromomethane	0.0023	U	0.0023	0.0011	mg/Kg	☼	10/12/25 12:47	10/13/25 11:34	1
Carbon disulfide	0.0011	U	0.0011	0.00030	mg/Kg	☼	10/12/25 12:47	10/13/25 11:34	1
Carbon tetrachloride	0.0011	U	0.0011	0.00044	mg/Kg	☼	10/12/25 12:47	10/13/25 11:34	1
Chlorobenzene	0.0011	U	0.0011	0.00058	mg/Kg	☼	10/12/25 12:47	10/13/25 11:34	1
Chlorobromomethane	0.0011	U	0.0011	0.00068	mg/Kg	☼	10/12/25 12:47	10/13/25 11:34	1
Chlorodibromomethane	0.0011	U	0.0011	0.00061	mg/Kg	☼	10/12/25 12:47	10/13/25 11:34	1
Chloroethane	0.0011	U	0.0011	0.00059	mg/Kg	☼	10/12/25 12:47	10/13/25 11:34	1
Chloroform	0.0011	U	0.0011	0.0011	mg/Kg	☼	10/12/25 12:47	10/13/25 11:34	1
Chloromethane	0.0011	U	0.0011	0.00049	mg/Kg	☼	10/12/25 12:47	10/13/25 11:34	1
cis-1,2-Dichloroethene	0.0011	U	0.0011	0.00041	mg/Kg	☼	10/12/25 12:47	10/13/25 11:34	1
cis-1,3-Dichloropropene	0.0011	U	0.0011	0.00031	mg/Kg	☼	10/12/25 12:47	10/13/25 11:34	1
Cyclohexane	0.0011	U	0.0011	0.00025	mg/Kg	☼	10/12/25 12:47	10/13/25 11:34	1
Dichlorobromomethane	0.0011	U	0.0011	0.00029	mg/Kg	☼	10/12/25 12:47	10/13/25 11:34	1
Dichlorodifluoromethane	0.0011	U	0.0011	0.00038	mg/Kg	☼	10/12/25 12:47	10/13/25 11:34	1
Ethylbenzene	0.0011	U	0.0011	0.00053	mg/Kg	☼	10/12/25 12:47	10/13/25 11:34	1
Ethylene Dibromide	0.0011	U	0.0011	0.00057	mg/Kg	☼	10/12/25 12:47	10/13/25 11:34	1
Isopropylbenzene	0.0011	U	0.0011	0.00032	mg/Kg	☼	10/12/25 12:47	10/13/25 11:34	1
Methyl acetate	0.0057	U	0.0057	0.0049	mg/Kg	☼	10/12/25 12:47	10/13/25 11:34	1
Methyl tert-butyl ether	0.0011	U	0.0011	0.00058	mg/Kg	☼	10/12/25 12:47	10/13/25 11:34	1
Methylcyclohexane	0.0011	U	0.0011	0.00057	mg/Kg	☼	10/12/25 12:47	10/13/25 11:34	1
Methylene Chloride	**0.0017**	**J**	0.0023	0.0013	mg/Kg	☼	10/12/25 12:47	10/13/25 11:34	1
m-Xylene & p-Xylene	0.0011	U	0.0011	0.00048	mg/Kg	☼	10/12/25 12:47	10/13/25 11:34	1
n-Butylbenzene	0.0011	U	0.0011	0.00033	mg/Kg	☼	10/12/25 12:47	10/13/25 11:34	1
N-Propylbenzene	0.0011	U	0.0011	0.00051	mg/Kg	☼	10/12/25 12:47	10/13/25 11:34	1
o-Xylene	0.0011	U	0.0011	0.00052	mg/Kg	☼	10/12/25 12:47	10/13/25 11:34	1
sec-Butylbenzene	0.0011	U	0.0011	0.00033	mg/Kg	☼	10/12/25 12:47	10/13/25 11:34	1
Styrene	0.0011	U	0.0011	0.00032	mg/Kg	☼	10/12/25 12:47	10/13/25 11:34	1

Client Sample ID: 50D3_9-10

Lab Sample ID: 460-336881-71

Date Collected: 10/09/25 10:15

Matrix: Solid

Date Received: 10/09/25 16:58

Percent Solids: 86.4

Method: SW846 8260D - Volatile Organic Compounds by GC/MS (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
tert-Butylbenzene	0.0011	U	0.0011	0.00031	mg/Kg	☼	10/12/25 12:47	10/13/25 11:34	1
Tetrachloroethene	0.0011	U	0.0011	0.00035	mg/Kg	☼	10/12/25 12:47	10/13/25 11:34	1
Toluene	0.0011	U	0.0011	0.00027	mg/Kg	☼	10/12/25 12:47	10/13/25 11:34	1
trans-1,2-Dichloroethene	0.0011	U	0.0011	0.00028	mg/Kg	☼	10/12/25 12:47	10/13/25 11:34	1
trans-1,3-Dichloropropene	0.0011	U	0.0011	0.00030	mg/Kg	☼	10/12/25 12:47	10/13/25 11:34	1
Trichloroethene	0.0011	U	0.0011	0.00036	mg/Kg	☼	10/12/25 12:47	10/13/25 11:34	1
Trichlorofluoromethane	0.0011	U	0.0011	0.00046	mg/Kg	☼	10/12/25 12:47	10/13/25 11:34	1
Vinyl chloride	0.0011	U	0.0011	0.00062	mg/Kg	☼	10/12/25 12:47	10/13/25 11:34	1
Xylenes, Total	0.0023	U	0.0023	0.00020	mg/Kg	☼	10/12/25 12:47	10/13/25 11:34	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,2-Dichloroethane-d4 (Surr)	*118*		*65 - 138*	*10/12/25 12:47*	*10/13/25 11:34*	*1*
4-Bromofluorobenzene	*108*		*71 - 128*	*10/12/25 12:47*	*10/13/25 11:34*	*1*
Dibromofluoromethane (Surr)	*124*		*50 - 150*	*10/12/25 12:47*	*10/13/25 11:34*	*1*
Toluene-d8 (Surr)	*95*		*71 - 126*	*10/12/25 12:47*	*10/13/25 11:34*	*1*

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Percent Moisture (EPA Moisture)	**13.6**		1.0	1.0	%			10/12/25 18:48	1
Percent Solids (EPA Moisture)	**86.4**		1.0	1.0	%			10/12/25 18:48	1

Client Sample ID: 50D2_8-9

Lab Sample ID: 460-336881-72

Date Collected: 10/09/25 10:20

Matrix: Solid

Date Received: 10/09/25 16:58

Percent Solids: 89.0

Method: SW846 8260D - Volatile Organic Compounds by GC/MS

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1-Trichloroethane	0.0010	U	0.0010	0.00024	mg/Kg	☼	10/12/25 12:48	10/13/25 11:57	1
1,1,2,2-Tetrachloroethane	0.0010	U	0.0010	0.00054	mg/Kg	☼	10/12/25 12:48	10/13/25 11:57	1
1,1,2-Trichloro-1,2,2-trifluoroethane	0.0010	U	0.0010	0.00031	mg/Kg	☼	10/12/25 12:48	10/13/25 11:57	1
1,1,2-Trichloroethane	0.0010	U	0.0010	0.00062	mg/Kg	☼	10/12/25 12:48	10/13/25 11:57	1
1,1-Dichloroethane	0.0010	U	0.0010	0.00062	mg/Kg	☼	10/12/25 12:48	10/13/25 11:57	1
1,1-Dichloroethene	0.0010	U	0.0010	0.00023	mg/Kg	☼	10/12/25 12:48	10/13/25 11:57	1
1,2,3-Trichlorobenzene	0.0010	U	0.0010	0.00077	mg/Kg	☼	10/12/25 12:48	10/13/25 11:57	1
1,2,4-Trichlorobenzene	0.0010	U	0.0010	0.00037	mg/Kg	☼	10/12/25 12:48	10/13/25 11:57	1
1,2,4-Trimethylbenzene	0.0010	U	0.0010	0.00026	mg/Kg	☼	10/12/25 12:48	10/13/25 11:57	1
1,2-Dibromo-3-Chloropropane	0.0010	U	0.0010	0.00048	mg/Kg	☼	10/12/25 12:48	10/13/25 11:57	1
1,2-Dichlorobenzene	0.0010	U	0.0010	0.00037	mg/Kg	☼	10/12/25 12:48	10/13/25 11:57	1
1,2-Dichloroethane	0.0010	U	0.0010	0.00031	mg/Kg	☼	10/12/25 12:48	10/13/25 11:57	1
1,2-Dichloropropane	0.0010	U	0.0010	0.00044	mg/Kg	☼	10/12/25 12:48	10/13/25 11:57	1
1,3,5-Trimethylbenzene	0.0010	U	0.0010	0.00033	mg/Kg	☼	10/12/25 12:48	10/13/25 11:57	1
1,3-Dichlorobenzene	0.0010	U	0.0010	0.00038	mg/Kg	☼	10/12/25 12:48	10/13/25 11:57	1
1,4-Dichlorobenzene	0.0010	U	0.0010	0.00054	mg/Kg	☼	10/12/25 12:48	10/13/25 11:57	1
2-Butanone (MEK)	0.0052	U	0.0052	0.00038	mg/Kg	☼	10/12/25 12:48	10/13/25 11:57	1
2-Hexanone	0.0052	U *	0.0052	0.0018	mg/Kg	☼	10/12/25 12:48	10/13/25 11:57	1
4-Methyl-2-pentanone (MIBK)	0.0052	U *	0.0052	0.0016	mg/Kg	☼	10/12/25 12:48	10/13/25 11:57	1
Acetone	**0.013**		0.0062	0.0059	mg/Kg	☼	10/12/25 12:48	10/13/25 11:57	1
Benzene	0.0010	U	0.0010	0.00059	mg/Kg	☼	10/12/25 12:48	10/13/25 11:57	1
Bromoform	0.0010	U	0.0010	0.00044	mg/Kg	☼	10/12/25 12:48	10/13/25 11:57	1
Bromomethane	0.0021	U	0.0021	0.0010	mg/Kg	☼	10/12/25 12:48	10/13/25 11:57	1

Client Sample ID: 50D2_8-9
Date Collected: 10/09/25 10:20
Date Received: 10/09/25 16:58

Lab Sample ID: 460-336881-72
Matrix: Solid
Percent Solids: 89.0

Method: SW846 8260D - Volatile Organic Compounds by GC/MS (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Carbon disulfide	0.0010	U	0.0010	0.00028	mg/Kg	☼	10/12/25 12:48	10/13/25 11:57	1
Carbon tetrachloride	0.0010	U	0.0010	0.00040	mg/Kg	☼	10/12/25 12:48	10/13/25 11:57	1
Chlorobenzene	0.0010	U	0.0010	0.00053	mg/Kg	☼	10/12/25 12:48	10/13/25 11:57	1
Chlorobromomethane	0.0010	U	0.0010	0.00062	mg/Kg	☼	10/12/25 12:48	10/13/25 11:57	1
Chlorodibromomethane	0.0010	U	0.0010	0.00056	mg/Kg	☼	10/12/25 12:48	10/13/25 11:57	1
Chloroethane	0.0010	U	0.0010	0.00054	mg/Kg	☼	10/12/25 12:48	10/13/25 11:57	1
Chloroform	0.0010	U	0.0010	0.0010	mg/Kg	☼	10/12/25 12:48	10/13/25 11:57	1
Chloromethane	0.0010	U	0.0010	0.00045	mg/Kg	☼	10/12/25 12:48	10/13/25 11:57	1
cis-1,2-Dichloroethene	0.0010	U	0.0010	0.00037	mg/Kg	☼	10/12/25 12:48	10/13/25 11:57	1
cis-1,3-Dichloropropene	0.0010	U	0.0010	0.00028	mg/Kg	☼	10/12/25 12:48	10/13/25 11:57	1
Cyclohexane	0.0010	U	0.0010	0.00023	mg/Kg	☼	10/12/25 12:48	10/13/25 11:57	1
Dichlorobromomethane	0.0010	U	0.0010	0.00027	mg/Kg	☼	10/12/25 12:48	10/13/25 11:57	1
Dichlorodifluoromethane	0.0010	U	0.0010	0.00035	mg/Kg	☼	10/12/25 12:48	10/13/25 11:57	1
Ethylbenzene	0.0010	U	0.0010	0.00049	mg/Kg	☼	10/12/25 12:48	10/13/25 11:57	1
Ethylene Dibromide	0.0010	U	0.0010	0.00052	mg/Kg	☼	10/12/25 12:48	10/13/25 11:57	1
Isopropylbenzene	0.0010	U	0.0010	0.00030	mg/Kg	☼	10/12/25 12:48	10/13/25 11:57	1
Methyl acetate	0.0052	U	0.0052	0.0045	mg/Kg	☼	10/12/25 12:48	10/13/25 11:57	1
Methyl tert-butyl ether	0.0010	U	0.0010	0.00053	mg/Kg	☼	10/12/25 12:48	10/13/25 11:57	1
Methylcyclohexane	0.0010	U	0.0010	0.00052	mg/Kg	☼	10/12/25 12:48	10/13/25 11:57	1
Methylene Chloride	0.0021	U	0.0021	0.0012	mg/Kg	☼	10/12/25 12:48	10/13/25 11:57	1
m-Xylene & p-Xylene	0.0010	U	0.0010	0.00044	mg/Kg	☼	10/12/25 12:48	10/13/25 11:57	1
n-Butylbenzene	0.0010	U	0.0010	0.00031	mg/Kg	☼	10/12/25 12:48	10/13/25 11:57	1
N-Propylbenzene	0.0010	U	0.0010	0.00047	mg/Kg	☼	10/12/25 12:48	10/13/25 11:57	1
o-Xylene	0.0010	U	0.0010	0.00048	mg/Kg	☼	10/12/25 12:48	10/13/25 11:57	1
sec-Butylbenzene	0.0010	U	0.0010	0.00030	mg/Kg	☼	10/12/25 12:48	10/13/25 11:57	1
Styrene	0.0010	U	0.0010	0.00029	mg/Kg	☼	10/12/25 12:48	10/13/25 11:57	1
tert-Butylbenzene	0.0010	U	0.0010	0.00029	mg/Kg	☼	10/12/25 12:48	10/13/25 11:57	1
Tetrachloroethene	0.0010	U	0.0010	0.00032	mg/Kg	☼	10/12/25 12:48	10/13/25 11:57	1
Toluene	0.0010	U	0.0010	0.00024	mg/Kg	☼	10/12/25 12:48	10/13/25 11:57	1
trans-1,2-Dichloroethene	0.0010	U	0.0010	0.00026	mg/Kg	☼	10/12/25 12:48	10/13/25 11:57	1
trans-1,3-Dichloropropene	0.0010	U	0.0010	0.00028	mg/Kg	☼	10/12/25 12:48	10/13/25 11:57	1
Trichloroethene	0.0010	U	0.0010	0.00033	mg/Kg	☼	10/12/25 12:48	10/13/25 11:57	1
Trichlorofluoromethane	0.0010	U	0.0010	0.00042	mg/Kg	☼	10/12/25 12:48	10/13/25 11:57	1
Vinyl chloride	0.0010	U	0.0010	0.00057	mg/Kg	☼	10/12/25 12:48	10/13/25 11:57	1
Xylenes, Total	0.0021	U	0.0021	0.00018	mg/Kg	☼	10/12/25 12:48	10/13/25 11:57	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,2-Dichloroethane-d4 (Surr)	*110*		*65 - 138*	*10/12/25 12:48*	*10/13/25 11:57*	*1*
4-Bromofluorobenzene	*103*		*71 - 128*	*10/12/25 12:48*	*10/13/25 11:57*	*1*
Dibromofluoromethane (Surr)	*114*		*50 - 150*	*10/12/25 12:48*	*10/13/25 11:57*	*1*
Toluene-d8 (Surr)	*94*		*71 - 126*	*10/12/25 12:48*	*10/13/25 11:57*	*1*

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Percent Moisture (EPA Moisture)	**11.0**		1.0	1.0	%			10/12/25 18:48	1
Percent Solids (EPA Moisture)	**89.0**		1.0	1.0	%			10/12/25 18:48	1

Surrogate Summary

Client: Haley & Aldrich, Inc.
Project/Site: Former Port Mobil

Job ID: 460-336881-1

Method: 8260D - Volatile Organic Compounds by GC/MS

Matrix: Solid

Prep Type: Total/NA

		Percent Surrogate Recovery (Acceptance Limits)			
		DCA	BFB	DBFM	TOL
Lab Sample ID	Client Sample ID	(65-138)	(71-128)	(50-150)	(71-126)
460-336881-17	3A1_2-3	86	93	98	99
460-336881-18	3A2_1-2	89	95	100	99
460-336881-19	3A3_6-7	88	93	98	99
460-336881-20	3A1_8-9	87	94	98	99
460-336881-21	3A2_10-11	90	103	102	110
460-336881-22	3A3_12-13	87	94	99	98
460-336881-23	3A2_4-5	87	92	99	99
460-336881-24	3F1_3-4	86	92	99	100
460-336881-25	3F2_1-2	84	93	98	99
460-336881-26	3F3_6-7	85	98	99	100
460-336881-27	3F1_5-6	86	99	99	101
460-336881-28	3F2_11-12	93	94	104	97
460-336881-29	3F3_7-8	86	98	98	100
460-336881-30	3F2_12-13	85	97	98	99
460-336881-31	3E1_2-3	86	95	98	100
460-336881-32	3E2_4-5	88	97	99	100
460-336881-33	3E3_6-7	86	99	99	100
460-336881-34	3E1_8-9	86	93	98	99
460-336881-35	3E2_7-8	85	97	98	101
460-336881-36	3E3_11-12	87	99	98	100
460-336881-37	3E3_13-14	87	96	98	99
460-336881-38	3G1_1-2	86	92	98	98
460-336881-39	3G2_4-5	88	93	99	99
460-336881-40	3G3_3-4	105	120	96	107
460-336881-41	3G1_7-8	85	93	99	99
460-336881-42	3G2_10-11	90	91	100	99
460-336881-43	3G3_9-10	89	92	100	99
460-336881-44	3G1_13-14	87	95	96	100
460-336881-45	50A1_1-2	86	96	97	100
460-336881-46	50A2_2-3	88	95	99	99
460-336881-47	50A3_3-4	86	95	97	100
460-336881-48	50A4_5-6	88	99	101	101
460-336881-49	50A1_8-9	87	100	100	102
460-336881-50	50A2_7-8	85	96	99	101
460-336881-51	50A4_9-10	108	102	101	97
460-336881-52	50B1_1-2	87	95	99	99
460-336881-53	50B2_3-4	87	96	99	99
460-336881-54	50B3_2-3	86	94	97	99
460-336881-55	50B1_4-5	86	99	97	100
460-336881-56	50B2_5-6	87	97	99	100
460-336881-57	50B1_6-7	85	98	100	100
460-336881-58	50B3_7-8	86	115	100	104
460-336881-59	50C1_1-2	104	100	101	94
460-336881-60	50C2_2-3	88	97	100	100
460-336881-61	50C3_4-5	87	96	99	99
460-336881-62	50C1_5-6	86	95	97	101
460-336881-63	50C2_7-8	87	101	99	101
460-336881-64	50C3_5-6	93	107	102	103
460-336881-65	50C2_6-7	88	115	101	104

Method: 8260D - Volatile Organic Compounds by GC/MS (Continued)

Matrix: Solid

Prep Type: Total/NA

		Percent Surrogate Recovery (Acceptance Limits)			
		DCA	BFB	DBFM	TOL
Lab Sample ID	Client Sample ID	(65-138)	(71-128)	(50-150)	(71-126)
460-336881-66	50D1_3-4	87	101	99	101
460-336881-67	50D2_1-2	108	105	117	94
460-336881-68	50D3_4-5	107	101	117	93
460-336881-69	50D1_5-6	107	102	116	93
460-336881-70	50D4_6-7	114	103	117	95
460-336881-71	50D3_9-10	118	108	124	95
460-336881-72	50D2_8-9	110	103	114	94
LCS 460-1067930/3	Lab Control Sample	81	96	92	97
LCS 460-1067931/3	Lab Control Sample	92	104	94	96
LCS 460-1067943/3	Lab Control Sample	79	94	90	98
LCS 460-1067947/3	Lab Control Sample	80	95	92	97
LCS 460-1067954/3	Lab Control Sample	94	102	96	95
LCS 460-1068499/3	Lab Control Sample	98	94	96	94
LCS 460-1069414/3	Lab Control Sample	97	116	94	107
LCSD 460-1067930/4	Lab Control Sample Dup	80	96	91	99
LCSD 460-1067931/4	Lab Control Sample Dup	92	103	90	95
LCSD 460-1067943/4	Lab Control Sample Dup	82	96	93	97
LCSD 460-1067947/4	Lab Control Sample Dup	80	94	91	97
LCSD 460-1067954/4	Lab Control Sample Dup	96	106	100	95
LCSD 460-1068499/4	Lab Control Sample Dup	97	92	93	92
LCSD 460-1069414/4	Lab Control Sample Dup	96	113	90	105
MB 460-1067930/7	Method Blank	86	90	98	97
MB 460-1067931/6	Method Blank	109	101	118	95
MB 460-1067943/7	Method Blank	85	92	98	98
MB 460-1067947/7	Method Blank	86	92	98	97
MB 460-1067954/7	Method Blank	105	100	113	93
MB 460-1068499/7	Method Blank	101	101	98	95
MB 460-1069414/7	Method Blank	98	118	94	107

Surrogate Legend

DCA = 1,2-Dichloroethane-d4 (Surr)
BFB = 4-Bromofluorobenzene
DBFM = Dibromofluoromethane (Surr)
TOL = Toluene-d8 (Surr)

Method: 8270E - Semivolatile Organic Compounds (GC/MS)

Matrix: Solid

Prep Type: Total/NA

		Percent Surrogate Recovery (Acceptance Limits)					
		TBP	FBP	2FP	NBZ	PHL	TPHL
Lab Sample ID	Client Sample ID	(18-137)	(33-117)	(24-120)	(27-120)	(28-118)	(33-124)
460-336454-A-1-D MS	Matrix Spike	69	66	69	69	67	66
460-336454-A-1-E MSD	Matrix Spike Duplicate	73	69	75	76	72	70
460-336881-1	50A_0-5	70	62	64	62	62	67
460-336881-2	50A_5-10	71	64	70	66	65	68
460-336881-3	50B_0-4	72	63	66	63	65	66
460-336881-4	50B_4-8	72	64	70	66	66	68
460-336881-5	50C_0-4	74	65	68	65	66	70
460-336881-6	50C_4-8	79	69	73	71	72	74
460-336881-7	50D_0-5	72	65	69	63	67	68
460-336881-8	50D_5-10	78	67	70	65	67	72

Method: 8270E - Semivolatile Organic Compounds (GC/MS) (Continued)

Matrix: Solid **Prep Type: Total/NA**

		Percent Surrogate Recovery (Acceptance Limits)					
Lab Sample ID	Client Sample ID	TBP (18-137)	FBP (33-117)	2FP (24-120)	NBZ (27-120)	PHL (28-118)	TPHL (33-124)
460-336881-9	3A_0-7	76	69	73	70	70	71
460-336881-10	3A_7-14	71	64	71	66	69	67
460-336881-11	3B_0-7	72	62	63	59	63	68
460-336881-12	3B_7-14	79	78	82	81	78	91
460-336881-12 MS	3B_7-14	80	78	82	81	77	89
460-336881-12 MSD	3B_7-14	66	66	68	69	69	72
460-336881-13	3F_0-7	56	51	55	53	54	59
460-336881-14	3F_7-14	74	75	80	78	77	87
460-336881-15	3G_0-7	71	69	74	73	72	81
460-336881-16	3G_7-14	75	72	75	74	73	87
LCS 460-1067577/2-A	Lab Control Sample	85	79	84	80	81	81
LCS 460-1067581/2-A	Lab Control Sample	82	79	85	83	82	83
LCSD 460-1067577/3-A	Lab Control Sample Dup	90	83	88	83	85	86
LCSD 460-1067581/3-A	Lab Control Sample Dup	88	83	89	87	86	90
MB 460-1067577/1-A	Method Blank	80	78	85	83	82	81
MB 460-1067581/1-A	Method Blank	73	80	87	87	84	86

Surrogate Legend

TBP = 2,4,6-Tribromophenol (Surr)
FBP = 2-Fluorobiphenyl
2FP = 2-Fluorophenol (Surr)
NBZ = Nitrobenzene-d5 (Surr)
PHL = Phenol-d5 (Surr)
TPHL = Terphenyl-d14 (Surr)

Method: 8081B - Organochlorine Pesticides (GC)

Matrix: Solid **Prep Type: Total/NA**

		Percent Surrogate Recovery (Acceptance Limits)			
Lab Sample ID	Client Sample ID	DCBP1 (10-150)	DCBP2 (10-150)	TCX1 (14-150)	TCX2 (14-150)
460-336881-1	50A_0-5	105	86	52	53
460-336881-1 MS	50A_0-5	88	85	51	46
460-336881-1 MSD	50A_0-5	78	68	41	40
460-336881-2	50A_5-10	105	82	36	37
460-336881-3	50B_0-4	100	90	30	30
460-336881-4	50B_4-8	86	72	36	35
460-336881-5	50C_0-4	88	76	35	34
460-336881-6	50C_4-8	87	79	30	28
460-336881-7	50D_0-5	82	73	32	32
460-336881-8	50D_5-10	97	89	43	41
460-336881-9	3A_0-7	111	85	44	43
460-336881-10	3A_7-14	71	64	33	33
460-336881-11	3B_0-7	90	82	41	39
460-336881-12	3B_7-14	130	93	46	37
460-336881-13	3F_0-7	110	96	26	28
460-336881-14	3F_7-14	94	85	31	34
460-336881-15	3G_0-7	143	116	74	63
460-336881-16	3G_7-14	103	95	44	56
LCS 460-1067685/2-A	Lab Control Sample	57	49	53	53
LCSD 460-1067685/3-A	Lab Control Sample Dup	58	49	53	53

Surrogate Summary

Client: Haley & Aldrich, Inc.
Project/Site: Former Port Mobil

Job ID: 460-336881-1

Method: 8081B - Organochlorine Pesticides (GC) (Continued)

Matrix: Solid

Prep Type: Total/NA

		Percent Surrogate Recovery (Acceptance Limits)			
Lab Sample ID	Client Sample ID	DCBP1 (10-150)	DCBP2 (10-150)	TCX1 (14-150)	TCX2 (14-150)
MB 460-1067685/1-A	Method Blank	83	70	75	76

Surrogate Legend

DCBP = DCB Decachlorobiphenyl

TCX = Tetrachloro-m-xylene

Method: 8082A - Polychlorinated Biphenyls (PCBs) by Gas Chromatography

Matrix: Solid

Prep Type: Total/NA

		Percent Surrogate Recovery (Acceptance Limits)			
Lab Sample ID	Client Sample ID	DCBP1 (10-150)	DCBP2 (10-150)	TCX1 (10-150)	TCX2 (10-150)
460-336881-1	50A_0-5	81	64	46	43
460-336881-1 MS	50A_0-5	77	60	37	34
460-336881-1 MSD	50A_0-5	79	62	38	37
460-336881-2	50A_5-10	86	70	38	36
460-336881-3	50B_0-4	84	67	27	27
460-336881-4	50B_4-8	76	59	34	32
460-336881-5	50C_0-4	81	64	33	31
460-336881-6	50C_4-8	98	76	36	34
460-336881-7	50D_0-5	72	54	30	28
460-336881-8	50D_5-10	89	69	45	42
460-336881-9	3A_0-7	85	67	41	38
460-336881-10	3A_7-14	72	57	35	35
460-336881-11	3B_0-7	86	69	40	39
460-336881-12	3B_7-14	82	66	35	34
460-336881-13	3F_0-7	86	70	24	24
460-336881-14	3F_7-14	76	59	28	28
460-336881-15	3G_0-7	75	63	47	46
460-336881-16	3G_7-14	78	60	38	36
LCS 460-1067684/2-A	Lab Control Sample	62	50	58	55
LCSD 460-1067684/3-A	Lab Control Sample Dup	63	49	59	54
MB 460-1067684/1-A	Method Blank	65	51	64	58

Surrogate Legend

DCBP = DCB Decachlorobiphenyl

TCX = Tetrachloro-m-xylene

Isotope Dilution Summary

Client: Haley & Aldrich, Inc.
Project/Site: Former Port Mobil

Job ID: 460-336881-1

Method: 1633A - Per- and Polyfluoroalkyl Substances by LC/MS/MS, 1633A

Matrix: Solid **Prep Type: Total/NA**

		Percent Isotope Dilution Recovery (Acceptance Limits)							
		PFBA	PFPeA	13C5PHA	C4PFHA	C8PFOA	C9PFNA	C6PFDA	13C7PUA
Lab Sample ID	Client Sample ID	(8-130)	(35-130)	(40-130)	(40-130)	(40-130)	(40-130)	(40-130)	(40-130)
460-336881-1	50A_0-5	90.8	88.0	93.4	96.7	91.5	95.5	88.0	88.9
460-336881-1 MS	50A_0-5	92.7	89.9	91.7	97.7	92.7	86.8	80.3	74.2
460-336881-1 MSD	50A_0-5	79.4	80.6	82.2	84.3	87.8	86.8	87.8	78.8
460-336881-2	50A_5-10	82.7	80.5	81.8	87.0	81.6	89.0	86.6	74.6
460-336881-3	50B_0-4	80.3	77.8	83.2	81.8	82.3	88.4	83.4	82.7
460-336881-4	50B_4-8	76.5	73.5	73.7	76.8	74.9	79.1	74.7	72.8
460-336881-5	50C_0-4	74.7	71.5	70.5	75.7	72.1	76.0	76.5	77.1
460-336881-6	50C_4-8	91.7	89.5	91.5	92.1	89.0	91.9	91.3	93.8
460-336881-7	50D_0-5	79.4	76.6	78.5	73.3	75.6	83.4	78.5	83.0
460-336881-8	50D_5-10	86.0	85.7	82.5	86.6	84.4	85.9	84.8	78.2
460-336881-9	3A_0-7	92.0	91.2	93.8	98.6	91.2	92.2	96.7	97.0
460-336881-10	3A_7-14	90.4	88.6	90.6	94.6	88.6	93.0	93.8	92.1
460-336881-11	3B_0-7	89.6	90.8	91.4	94.5	88.3	88.4	82.4	87.2
460-336881-12	3B_7-14	87.3	83.7	87.9	89.3	85.1	87.1	81.6	90.1
460-336881-13	3F_0-7	92.1	88.6	91.0	90.9	92.2	90.1	81.0	75.5
460-336881-14	3F_7-14	95.3	94.6	97.1	99.5	96.6	90.6	94.4	94.5
460-336881-15	3G_0-7	92.6	93.0	95.2	100	93.8	84.0	80.1	82.4
460-336881-16	3G_7-14	85.2	83.7	83.1	86.2	81.9	78.8	74.7	73.9
LCS 410-714528/2-A	Lab Control Sample	88.8	87.6	89.9	94.5	89.0	89.1	85.3	77.3
LLCS 410-714528/3-A	Lab Control Sample	88.3	81.9	84.1	82.5	76.6	81.2	74.2	78.3
MB 410-714528/1-A	Method Blank	84.9	85.3	86.8	90.0	83.4	93.1	84.2	83.5

		Percent Isotope Dilution Recovery (Acceptance Limits)							
		PFTDA	C3PFBS	C3PFHS	C8PFOS	PFOSA	d3NMFOS	d5NEFOS	M242FTS
Lab Sample ID	Client Sample ID	(20-130)	(40-135)	(40-130)	(40-130)	(40-130)	(40-135)	(40-150)	(40-165)
460-336881-1	50A_0-5	54.1	87.2	88.8	84.2	70.4	72.3	72.3	124
460-336881-1 MS	50A_0-5	43.1	91.1	88.7	75.7	66.9	59.6	62.1	122
460-336881-1 MSD	50A_0-5	44.8	76.6	81.5	81.4	67.9	60.4	55.2	105
460-336881-2	50A_5-10	39.5	79.4	81.8	77.8	68.2	66.5	67.8	114
460-336881-3	50B_0-4	71.6	81.4	81.5	80.0	74.4	83.6	93.0	184 *
460-336881-4	50B_4-8	67.8	74.3	78.3	74.9	69.6	76.4	81.6	150
460-336881-5	50C_0-4	67.2	72.2	70.8	74.2	63.4	75.2	86.4	137
460-336881-6	50C_4-8	67.6	89.1	90.1	84.5	76.2	78.7	85.7	189 *
460-336881-7	50D_0-5	70.5	79.7	77.3	76.6	72.8	83.5	88.8	222 *
460-336881-8	50D_5-10	66.1	83.3	79.9	75.0	74.0	78.9	84.6	187 *
460-336881-9	3A_0-7	81.2	84.5	85.7	81.4	75.2	83.2	97.4	106
460-336881-10	3A_7-14	59.0	84.9	87.9	82.4	72.6	76.4	78.2	101
460-336881-11	3B_0-7	59.9	87.9	82.8	78.4	72.8	83.0	85.8	113
460-336881-12	3B_7-14	75.8	83.1	82.5	82.0	75.3	85.0	96.4	148
460-336881-13	3F_0-7	50.2	87.7	84.5	74.5	66.3	63.4	65.6	101
460-336881-14	3F_7-14	68.1	92.8	91.7	82.4	73.4	84.9	92.1	121
460-336881-15	3G_0-7	45.1	89.8	87.9	76.1	64.8	60.7	60.2	108
460-336881-16	3G_7-14	43.8	77.7	75.0	72.4	59.3	56.0	55.5	98.1
LCS 410-714528/2-A	Lab Control Sample	51.8	88.1	88.0	77.5	68.8	73.9	79.4	97.9
LLCS 410-714528/3-A	Lab Control Sample	61.6	79.2	78.2	71.4	54.4	59.8	65.5	89.0
MB 410-714528/1-A	Method Blank	61.4	83.8	87.0	81.3	65.9	69.5	83.0	95.5

		Percent Isotope Dilution Recovery (Acceptance Limits)							
		M262FTS	M282FTS	HFPODA	NMFM	NEFM	d5NPFSA	d3NMFSA	PFDoA
Lab Sample ID	Client Sample ID	(40-215)	(40-275)	(40-130)	(20-130)	(15-130)	(10-130)	(10-130)	(40-130)
460-336881-1	50A_0-5	131	104	86.3	46.0	36.5	55.9	63.9	71.8

Isotope Dilution Summary

Client: Haley & Aldrich, Inc.
Project/Site: Former Port Mobil

Job ID: 460-336881-1

Method: 1633A - Per- and Polyfluoroalkyl Substances by LC/MS/MS, 1633A (Continued)

Matrix: Solid **Prep Type: Total/NA**

		Percent Isotope Dilution Recovery (Acceptance Limits)							
Lab Sample ID	Client Sample ID	M262FTS (40-215)	M282FTS (40-275)	HFPODA (40-130)	NMFM (20-130)	NEFM (15-130)	d5NPFSA (10-130)	d3NMFSA (10-130)	PFDoA (40-130)
460-336881-1 MS	50A_0-5	120	91.5	87.0	30.8	22.0	57.4	61.6	61.9
460-336881-1 MSD	50A_0-5	107	86.2	78.2	31.7	22.9	53.3	60.0	63.8
460-336881-2	50A_5-10	113	91.0	74.3	35.6	27.7	55.4	62.1	61.6
460-336881-3	50B_0-4	195	163	72.8	48.9	40.1	65.5	70.5	78.1
460-336881-4	50B_4-8	176	157	69.4	62.4	51.6	64.2	65.3	69.6
460-336881-5	50C_0-4	143	116	68.1	52.8	45.1	63.7	66.4	70.8
460-336881-6	50C_4-8	184	140	85.3	53.9	42.4	68.8	73.7	81.2
460-336881-7	50D_0-5	245 *	212	67.4	48.8	38.9	47.3	53.1	78.8
460-336881-8	50D_5-10	179	153	77.1	49.5	38.8	62.4	68.7	75.2
460-336881-9	3A_0-7	117	97.6	90.9	60.2	48.3	76.0	79.0	91.2
460-336881-10	3A_7-14	108	86.0	88.5	47.4	39.3	66.5	73.8	75.9
460-336881-11	3B_0-7	120	101	82.5	53.6	40.0	68.1	72.3	77.4
460-336881-12	3B_7-14	156	132	80.0	55.8	43.4	65.5	71.9	79.8
460-336881-13	3F_0-7	102	75.2	89.3	34.1	24.7	49.3	58.0	57.6
460-336881-14	3F_7-14	126	101	94.6	56.6	41.4	66.7	73.0	76.1
460-336881-15	3G_0-7	115	82.7	96.1	35.6	30.0	52.9	59.6	67.8
460-336881-16	3G_7-14	95.6	67.9	82.0	31.5	27.1	50.0	56.0	62.1
LCS 410-714528/2-A	Lab Control Sample	106	83.1	84.1	45.3	30.9	54.6	59.9	71.2
LLCS 410-714528/3-A	Lab Control Sample	95.3	74.0	80.0	28.6	23.5	43.3	46.4	70.7
MB 410-714528/1-A	Method Blank	107	85.9	86.2	60.6	46.5	53.1	57.5	70.4

Surrogate Legend

PFBA = 13C4 PFBA
PFPeA = 13C5 PFPeA
13C5PHA = 13C5 PFHxA
C4PFHA = 13C4 PFHpA
C8PFOA = 13C8 PFOA
C9PFNA = 13C9 PFNA
C6PFDA = 13C6 PFDA
13C7PUA = 13C7 PFUnA
PFTDA = 13C2 PFTeDA
C3PFBS = 13C3 PFBS
C3PFHS = 13C3 PFHxS
C8PFOS = 13C8 PFOS
PFOSA = 13C8 FOSA
d3NMFOS = d3-NMeFOSAA
d5NEFOS = d5-NEtFOSAA
M242FTS = 13C2 4:2 FTS
M262FTS = 13C2 6:2 FTS
M282FTS = 13C2 8:2 FTS
HFPODA = 13C3 HFPO-DA
NMFM = d7-N-MeFOSE-M
NEFM = d9-N-EtFOSE-M
d5NPFSA = d5-NEtPFOSA
d3NMFSA = d3-NMePFOSA
PFDoA = 13C2 PFDoA

Method: 8260D - Volatile Organic Compounds by GC/MS

Lab Sample ID: MB 460-1067930/7
Matrix: Solid
Analysis Batch: 1067930

Client Sample ID: Method Blank
Prep Type: Total/NA

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1-Trichloroethane	0.0010	U	0.0010	0.00023	mg/Kg			10/13/25 12:21	1
1,1,2,2-Tetrachloroethane	0.0010	U	0.0010	0.00052	mg/Kg			10/13/25 12:21	1
1,1,2-Trichloro-1,2,2-trifluoroethane	0.0010	U	0.0010	0.00030	mg/Kg			10/13/25 12:21	1
1,1,2-Trichloroethane	0.0010	U	0.0010	0.00060	mg/Kg			10/13/25 12:21	1
1,1-Dichloroethane	0.0010	U	0.0010	0.00060	mg/Kg			10/13/25 12:21	1
1,1-Dichloroethene	0.0010	U	0.0010	0.00023	mg/Kg			10/13/25 12:21	1
1,2,3-Trichlorobenzene	0.0010	U	0.0010	0.00074	mg/Kg			10/13/25 12:21	1
1,2,4-Trichlorobenzene	0.0010	U	0.0010	0.00036	mg/Kg			10/13/25 12:21	1
1,2,4-Trimethylbenzene	0.0010	U	0.0010	0.00025	mg/Kg			10/13/25 12:21	1
1,2-Dibromo-3-Chloropropane	0.0010	U	0.0010	0.00046	mg/Kg			10/13/25 12:21	1
1,2-Dichlorobenzene	0.0010	U	0.0010	0.00036	mg/Kg			10/13/25 12:21	1
1,2-Dichloroethane	0.0010	U	0.0010	0.00030	mg/Kg			10/13/25 12:21	1
1,2-Dichloropropane	0.0010	U	0.0010	0.00042	mg/Kg			10/13/25 12:21	1
1,3,5-Trimethylbenzene	0.0010	U	0.0010	0.00031	mg/Kg			10/13/25 12:21	1
1,3-Dichlorobenzene	0.0010	U	0.0010	0.00037	mg/Kg			10/13/25 12:21	1
1,4-Dichlorobenzene	0.0010	U	0.0010	0.00052	mg/Kg			10/13/25 12:21	1
2-Butanone (MEK)	0.0050	U	0.0050	0.00037	mg/Kg			10/13/25 12:21	1
2-Hexanone	0.0050	U	0.0050	0.0017	mg/Kg			10/13/25 12:21	1
4-Methyl-2-pentanone (MIBK)	0.0050	U	0.0050	0.0016	mg/Kg			10/13/25 12:21	1
Acetone	0.0060	U	0.0060	0.0057	mg/Kg			10/13/25 12:21	1
Benzene	0.0010	U	0.0010	0.00057	mg/Kg			10/13/25 12:21	1
Bromoform	0.0010	U	0.0010	0.00043	mg/Kg			10/13/25 12:21	1
Bromomethane	0.0020	U	0.0020	0.0010	mg/Kg			10/13/25 12:21	1
Carbon disulfide	0.0010	U	0.0010	0.00027	mg/Kg			10/13/25 12:21	1
Carbon tetrachloride	0.0010	U	0.0010	0.00039	mg/Kg			10/13/25 12:21	1
Chlorobenzene	0.0010	U	0.0010	0.00051	mg/Kg			10/13/25 12:21	1
Chlorobromomethane	0.0010	U	0.0010	0.00060	mg/Kg			10/13/25 12:21	1
Chlorodibromomethane	0.0010	U	0.0010	0.00054	mg/Kg			10/13/25 12:21	1
Chloroethane	0.0010	U	0.0010	0.00052	mg/Kg			10/13/25 12:21	1
Chloroform	0.0010	U	0.0010	0.00097	mg/Kg			10/13/25 12:21	1
Chloromethane	0.0010	U	0.0010	0.00044	mg/Kg			10/13/25 12:21	1
cis-1,2-Dichloroethene	0.0010	U	0.0010	0.00036	mg/Kg			10/13/25 12:21	1
cis-1,3-Dichloropropene	0.0010	U	0.0010	0.00027	mg/Kg			10/13/25 12:21	1
Cyclohexane	0.0010	U	0.0010	0.00022	mg/Kg			10/13/25 12:21	1
Dichlorobromomethane	0.0010	U	0.0010	0.00026	mg/Kg			10/13/25 12:21	1
Dichlorodifluoromethane	0.0010	U	0.0010	0.00034	mg/Kg			10/13/25 12:21	1
Ethylbenzene	0.0010	U	0.0010	0.00047	mg/Kg			10/13/25 12:21	1
Ethylene Dibromide	0.0010	U	0.0010	0.00050	mg/Kg			10/13/25 12:21	1
Isopropylbenzene	0.0010	U	0.0010	0.00029	mg/Kg			10/13/25 12:21	1
Methyl acetate	0.0050	U	0.0050	0.0043	mg/Kg			10/13/25 12:21	1
Methyl tert-butyl ether	0.0010	U	0.0010	0.00051	mg/Kg			10/13/25 12:21	1
Methylcyclohexane	0.0010	U	0.0010	0.00050	mg/Kg			10/13/25 12:21	1
Methylene Chloride	0.0020	U	0.0020	0.0011	mg/Kg			10/13/25 12:21	1
m-Xylene & p-Xylene	0.0010	U	0.0010	0.00042	mg/Kg			10/13/25 12:21	1
n-Butylbenzene	0.0010	U	0.0010	0.00029	mg/Kg			10/13/25 12:21	1
N-Propylbenzene	0.0010	U	0.0010	0.00045	mg/Kg			10/13/25 12:21	1
o-Xylene	0.0010	U	0.0010	0.00046	mg/Kg			10/13/25 12:21	1
sec-Butylbenzene	0.0010	U	0.0010	0.00029	mg/Kg			10/13/25 12:21	1

Method: 8260D - Volatile Organic Compounds by GC/MS (Continued)

Lab Sample ID: MB 460-1067930/7
Matrix: Solid
Analysis Batch: 1067930

Client Sample ID: Method Blank
Prep Type: Total/NA

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Styrene	0.0010	U	0.0010	0.00028	mg/Kg			10/13/25 12:21	1
tert-Butylbenzene	0.0010	U	0.0010	0.00028	mg/Kg			10/13/25 12:21	1
Tetrachloroethene	0.0010	U	0.0010	0.00031	mg/Kg			10/13/25 12:21	1
Toluene	0.0010	U	0.0010	0.00023	mg/Kg			10/13/25 12:21	1
trans-1,2-Dichloroethene	0.0010	U	0.0010	0.00025	mg/Kg			10/13/25 12:21	1
trans-1,3-Dichloropropene	0.0010	U	0.0010	0.00027	mg/Kg			10/13/25 12:21	1
Trichloroethene	0.0010	U	0.0010	0.00032	mg/Kg			10/13/25 12:21	1
Trichlorofluoromethane	0.0010	U	0.0010	0.00041	mg/Kg			10/13/25 12:21	1
Vinyl chloride	0.0010	U	0.0010	0.00055	mg/Kg			10/13/25 12:21	1
Xylenes, Total	0.0020	U	0.0020	0.00017	mg/Kg			10/13/25 12:21	1

Surrogate	*MB %Recovery*	*MB Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,2-Dichloroethane-d4 (Surr)	*86*		*65 - 138*		*10/13/25 12:21*	*1*
4-Bromofluorobenzene	*90*		*71 - 128*		*10/13/25 12:21*	*1*
Dibromofluoromethane (Surr)	*98*		*50 - 150*		*10/13/25 12:21*	*1*
Toluene-d8 (Surr)	*97*		*71 - 126*		*10/13/25 12:21*	*1*

Lab Sample ID: LCS 460-1067930/3
Matrix: Solid
Analysis Batch: 1067930

Client Sample ID: Lab Control Sample
Prep Type: Total/NA

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
1,1,1-Trichloroethane	0.0200	0.0161		mg/Kg		81	78 - 120
1,1,2,2-Tetrachloroethane	0.0200	0.0204		mg/Kg		102	70 - 133
1,1,2-Trichloro-1,2,2-trifluoroethane	0.0200	0.0182		mg/Kg		91	75 - 121
1,1,2-Trichloroethane	0.0200	0.0199		mg/Kg		99	80 - 120
1,1-Dichloroethane	0.0200	0.0179		mg/Kg		90	72 - 120
1,1-Dichloroethene	0.0200	0.0193		mg/Kg		96	76 - 120
1,2,3-Trichlorobenzene	0.0200	0.0201		mg/Kg		101	77 - 137
1,2,4-Trichlorobenzene	0.0200	0.0202		mg/Kg		101	77 - 136
1,2,4-Trimethylbenzene	0.0200	0.0202		mg/Kg		101	75 - 120
1,2-Dibromo-3-Chloropropane	0.0200	0.0188		mg/Kg		94	80 - 124
1,2-Dichlorobenzene	0.0200	0.0207		mg/Kg		104	80 - 120
1,2-Dichloroethane	0.0200	0.0157		mg/Kg		78	70 - 123
1,2-Dichloropropane	0.0200	0.0183		mg/Kg		91	73 - 124
1,3,5-Trimethylbenzene	0.0200	0.0198		mg/Kg		99	70 - 120
1,3-Dichlorobenzene	0.0200	0.0214		mg/Kg		107	80 - 120
1,4-Dichlorobenzene	0.0200	0.0208		mg/Kg		104	80 - 120
2-Butanone (MEK)	0.100	0.121		mg/Kg		121	64 - 128
2-Hexanone	0.100	0.102		mg/Kg		102	75 - 120
4-Methyl-2-pentanone (MIBK)	0.100	0.105		mg/Kg		105	80 - 120
Acetone	0.100	0.101		mg/Kg		101	58 - 122
Benzene	0.0200	0.0189		mg/Kg		94	75 - 120
Bromoform	0.0200	0.0186		mg/Kg		93	61 - 125
Bromomethane	0.0200	0.0154		mg/Kg		77	37 - 150
Carbon disulfide	0.0200	0.0186		mg/Kg		93	57 - 133
Carbon tetrachloride	0.0200	0.0159		mg/Kg		79	66 - 127
Chlorobenzene	0.0200	0.0196		mg/Kg		98	80 - 120

Method: 8260D - Volatile Organic Compounds by GC/MS (Continued)

Lab Sample ID: LCS 460-1067930/3
Matrix: Solid
Analysis Batch: 1067930

Client Sample ID: Lab Control Sample
Prep Type: Total/NA

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
Chlorobromomethane	0.0200	0.0204		mg/Kg		102	76 - 127
Chlorodibromomethane	0.0200	0.0185		mg/Kg		92	72 - 120
Chloroethane	0.0200	0.0160		mg/Kg		80	60 - 123
Chloroform	0.0200	0.0179		mg/Kg		89	79 - 126
Chloromethane	0.0200	0.0180		mg/Kg		90	46 - 122
cis-1,2-Dichloroethene	0.0200	0.0189		mg/Kg		94	80 - 123
cis-1,3-Dichloropropene	0.0200	0.0182		mg/Kg		91	75 - 120
Cyclohexane	0.0200	0.0186		mg/Kg		93	65 - 132
Dichlorobromomethane	0.0200	0.0170		mg/Kg		85	77 - 124
Dichlorodifluoromethane	0.0200	0.0170		mg/Kg		85	45 - 129
Ethylbenzene	0.0200	0.0195		mg/Kg		97	80 - 120
Ethylene Dibromide	0.0200	0.0197		mg/Kg		99	79 - 120
Isopropylbenzene	0.0200	0.0190		mg/Kg		95	74 - 120
Methyl acetate	0.0400	0.0310		mg/Kg		78	57 - 120
Methyl tert-butyl ether	0.0200	0.0177		mg/Kg		89	74 - 125
Methylcyclohexane	0.0200	0.0187		mg/Kg		93	66 - 125
Methylene Chloride	0.0200	0.0208		mg/Kg		104	78 - 120
m-Xylene & p-Xylene	0.0200	0.0198		mg/Kg		99	80 - 120
n-Butylbenzene	0.0200	0.0205		mg/Kg		103	72 - 120
N-Propylbenzene	0.0200	0.0195		mg/Kg		98	68 - 120
o-Xylene	0.0200	0.0202		mg/Kg		101	80 - 120
sec-Butylbenzene	0.0200	0.0200		mg/Kg		100	78 - 120
Styrene	0.0200	0.0202		mg/Kg		101	80 - 120
tert-Butylbenzene	0.0200	0.0194		mg/Kg		97	80 - 120
Tetrachloroethene	0.0200	0.0178		mg/Kg		89	73 - 120
Toluene	0.0200	0.0185		mg/Kg		92	80 - 120
trans-1,2-Dichloroethene	0.0200	0.0192		mg/Kg		96	78 - 120
trans-1,3-Dichloropropene	0.0200	0.0175		mg/Kg		88	77 - 120
Trichloroethene	0.0200	0.0178		mg/Kg		89	80 - 120
Trichlorofluoromethane	0.0200	0.0171		mg/Kg		85	61 - 130
Vinyl chloride	0.0200	0.0167		mg/Kg		84	54 - 122
Xylenes, Total	0.0400	0.0400		mg/Kg		100	80 - 120

Surrogate	*LCS %Recovery*	*LCS Qualifier*	*Limits*
1,2-Dichloroethane-d4 (Surr)	*81*		*65 - 138*
4-Bromofluorobenzene	*96*		*71 - 128*
Dibromofluoromethane (Surr)	*92*		*50 - 150*
Toluene-d8 (Surr)	*97*		*71 - 126*

Lab Sample ID: LCSD 460-1067930/4
Matrix: Solid
Analysis Batch: 1067930

Client Sample ID: Lab Control Sample Dup
Prep Type: Total/NA

Analyte	Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
1,1,1-Trichloroethane	0.0200	0.0172		mg/Kg		86	78 - 120	6	30
1,1,2,2-Tetrachloroethane	0.0200	0.0207		mg/Kg		104	70 - 133	2	30
1,1,2-Trichloro-1,2,2-trifluoroethane	0.0200	0.0205		mg/Kg		103	75 - 121	12	30
1,1,2-Trichloroethane	0.0200	0.0203		mg/Kg		101	80 - 120	2	30

Method: 8260D - Volatile Organic Compounds by GC/MS (Continued)

Lab Sample ID: LCSD 460-1067930/4
Matrix: Solid
Analysis Batch: 1067930

Client Sample ID: Lab Control Sample Dup
Prep Type: Total/NA

Analyte	Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
1,1-Dichloroethane	0.0200	0.0185		mg/Kg		93	72 - 120	3	30
1,1-Dichloroethene	0.0200	0.0211		mg/Kg		106	76 - 120	9	30
1,2,3-Trichlorobenzene	0.0200	0.0200		mg/Kg		100	77 - 137	0	30
1,2,4-Trichlorobenzene	0.0200	0.0201		mg/Kg		101	77 - 136	0	30
1,2,4-Trimethylbenzene	0.0200	0.0209		mg/Kg		105	75 - 120	3	30
1,2-Dibromo-3-Chloropropane	0.0200	0.0194		mg/Kg		97	80 - 124	3	30
1,2-Dichlorobenzene	0.0200	0.0209		mg/Kg		105	80 - 120	1	30
1,2-Dichloroethane	0.0200	0.0157		mg/Kg		78	70 - 123	0	30
1,2-Dichloropropane	0.0200	0.0187		mg/Kg		93	73 - 124	2	30
1,3,5-Trimethylbenzene	0.0200	0.0208		mg/Kg		104	70 - 120	5	30
1,3-Dichlorobenzene	0.0200	0.0218		mg/Kg		109	80 - 120	2	30
1,4-Dichlorobenzene	0.0200	0.0209		mg/Kg		105	80 - 120	1	30
2-Butanone (MEK)	0.100	0.120		mg/Kg		120	64 - 128	1	30
2-Hexanone	0.100	0.102		mg/Kg		102	75 - 120	0	30
4-Methyl-2-pentanone (MIBK)	0.100	0.103		mg/Kg		103	80 - 120	1	30
Acetone	0.100	0.0989		mg/Kg		99	58 - 122	2	30
Benzene	0.0200	0.0201		mg/Kg		100	75 - 120	6	30
Bromoform	0.0200	0.0191		mg/Kg		95	61 - 125	3	30
Bromomethane	0.0200	0.0154		mg/Kg		77	37 - 150	0	30
Carbon disulfide	0.0200	0.0200		mg/Kg		100	57 - 133	7	30
Carbon tetrachloride	0.0200	0.0171		mg/Kg		86	66 - 127	7	30
Chlorobenzene	0.0200	0.0204		mg/Kg		102	80 - 120	4	30
Chlorobromomethane	0.0200	0.0205		mg/Kg		103	76 - 127	1	30
Chlorodibromomethane	0.0200	0.0191		mg/Kg		96	72 - 120	3	30
Chloroethane	0.0200	0.0155		mg/Kg		77	60 - 123	3	30
Chloroform	0.0200	0.0183		mg/Kg		91	79 - 126	2	30
Chloromethane	0.0200	0.0186		mg/Kg		93	46 - 122	3	30
cis-1,2-Dichloroethene	0.0200	0.0195		mg/Kg		98	80 - 123	3	30
cis-1,3-Dichloropropene	0.0200	0.0186		mg/Kg		93	75 - 120	2	30
Cyclohexane	0.0200	0.0204		mg/Kg		102	65 - 132	10	30
Dichlorobromomethane	0.0200	0.0175		mg/Kg		88	77 - 124	3	30
Dichlorodifluoromethane	0.0200	0.0189		mg/Kg		95	45 - 129	11	30
Ethylbenzene	0.0200	0.0209		mg/Kg		104	80 - 120	7	30
Ethylene Dibromide	0.0200	0.0202		mg/Kg		101	79 - 120	2	30
Isopropylbenzene	0.0200	0.0204		mg/Kg		102	74 - 120	7	30
Methyl acetate	0.0400	0.0315		mg/Kg		79	57 - 120	2	30
Methyl tert-butyl ether	0.0200	0.0179		mg/Kg		89	74 - 125	1	30
Methylcyclohexane	0.0200	0.0208		mg/Kg		104	66 - 125	11	30
Methylene Chloride	0.0200	0.0212		mg/Kg		106	78 - 120	2	30
m-Xylene & p-Xylene	0.0200	0.0207		mg/Kg		103	80 - 120	5	30
n-Butylbenzene	0.0200	0.0216		mg/Kg		108	72 - 120	5	30
N-Propylbenzene	0.0200	0.0209		mg/Kg		105	68 - 120	7	30
o-Xylene	0.0200	0.0210		mg/Kg		105	80 - 120	4	30
sec-Butylbenzene	0.0200	0.0213		mg/Kg		107	78 - 120	7	30
Styrene	0.0200	0.0207		mg/Kg		103	80 - 120	2	30
tert-Butylbenzene	0.0200	0.0208		mg/Kg		104	80 - 120	7	30
Tetrachloroethene	0.0200	0.0192		mg/Kg		96	73 - 120	8	30
Toluene	0.0200	0.0196		mg/Kg		98	80 - 120	6	30
trans-1,2-Dichloroethene	0.0200	0.0202		mg/Kg		101	78 - 120	5	30

Method: 8260D - Volatile Organic Compounds by GC/MS (Continued)

Lab Sample ID: LCSD 460-1067930/4
Matrix: Solid
Analysis Batch: 1067930

Client Sample ID: Lab Control Sample Dup
Prep Type: Total/NA

Analyte			Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
trans-1,3-Dichloropropene			0.0200	0.0181		mg/Kg		91	77 - 120	4	30
Trichloroethene			0.0200	0.0189		mg/Kg		94	80 - 120	6	30
Trichlorofluoromethane			0.0200	0.0184		mg/Kg		92	61 - 130	7	30
Vinyl chloride			0.0200	0.0178		mg/Kg		89	54 - 122	6	30
Xylenes, Total			0.0400	0.0417		mg/Kg		104	80 - 120	4	30

Surrogate	*LCSD %Recovery*	*LCSD Qualifier*	*Limits*
1,2-Dichloroethane-d4 (Surr)	*80*		*65 - 138*
4-Bromofluorobenzene	*96*		*71 - 128*
Dibromofluoromethane (Surr)	*91*		*50 - 150*
Toluene-d8 (Surr)	*99*		*71 - 126*

Lab Sample ID: MB 460-1067931/6
Matrix: Solid
Analysis Batch: 1067931

Client Sample ID: Method Blank
Prep Type: Total/NA

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1-Trichloroethane	0.0010	U	0.0010	0.00023	mg/Kg			10/13/25 08:53	1
1,1,2,2-Tetrachloroethane	0.0010	U	0.0010	0.00052	mg/Kg			10/13/25 08:53	1
1,1,2-Trichloro-1,2,2-trifluoroethane	0.0010	U	0.0010	0.00030	mg/Kg			10/13/25 08:53	1
1,1,2-Trichloroethane	0.0010	U	0.0010	0.00060	mg/Kg			10/13/25 08:53	1
1,1-Dichloroethane	0.0010	U	0.0010	0.00060	mg/Kg			10/13/25 08:53	1
1,1-Dichloroethene	0.0010	U	0.0010	0.00023	mg/Kg			10/13/25 08:53	1
1,2,3-Trichlorobenzene	0.0010	U	0.0010	0.00074	mg/Kg			10/13/25 08:53	1
1,2,4-Trichlorobenzene	0.0010	U	0.0010	0.00036	mg/Kg			10/13/25 08:53	1
1,2,4-Trimethylbenzene	0.0010	U	0.0010	0.00025	mg/Kg			10/13/25 08:53	1
1,2-Dibromo-3-Chloropropane	0.0010	U	0.0010	0.00046	mg/Kg			10/13/25 08:53	1
1,2-Dichlorobenzene	0.0010	U	0.0010	0.00036	mg/Kg			10/13/25 08:53	1
1,2-Dichloroethane	0.0010	U	0.0010	0.00030	mg/Kg			10/13/25 08:53	1
1,2-Dichloropropane	0.0010	U	0.0010	0.00042	mg/Kg			10/13/25 08:53	1
1,3,5-Trimethylbenzene	0.0010	U	0.0010	0.00031	mg/Kg			10/13/25 08:53	1
1,3-Dichlorobenzene	0.0010	U	0.0010	0.00037	mg/Kg			10/13/25 08:53	1
1,4-Dichlorobenzene	0.0010	U	0.0010	0.00052	mg/Kg			10/13/25 08:53	1
2-Butanone (MEK)	0.0050	U	0.0050	0.00037	mg/Kg			10/13/25 08:53	1
2-Hexanone	0.0050	U	0.0050	0.0017	mg/Kg			10/13/25 08:53	1
4-Methyl-2-pentanone (MIBK)	0.0050	U	0.0050	0.0016	mg/Kg			10/13/25 08:53	1
Acetone	0.0060	U	0.0060	0.0057	mg/Kg			10/13/25 08:53	1
Benzene	0.0010	U	0.0010	0.00057	mg/Kg			10/13/25 08:53	1
Bromoform	0.0010	U	0.0010	0.00043	mg/Kg			10/13/25 08:53	1
Bromomethane	0.0020	U	0.0020	0.0010	mg/Kg			10/13/25 08:53	1
Carbon disulfide	0.0010	U	0.0010	0.00027	mg/Kg			10/13/25 08:53	1
Carbon tetrachloride	0.0010	U	0.0010	0.00039	mg/Kg			10/13/25 08:53	1
Chlorobenzene	0.0010	U	0.0010	0.00051	mg/Kg			10/13/25 08:53	1
Chlorobromomethane	0.0010	U	0.0010	0.00060	mg/Kg			10/13/25 08:53	1
Chlorodibromomethane	0.0010	U	0.0010	0.00054	mg/Kg			10/13/25 08:53	1
Chloroethane	0.0010	U	0.0010	0.00052	mg/Kg			10/13/25 08:53	1
Chloroform	0.0010	U	0.0010	0.00097	mg/Kg			10/13/25 08:53	1
Chloromethane	0.0010	U	0.0010	0.00044	mg/Kg			10/13/25 08:53	1

Method: 8260D - Volatile Organic Compounds by GC/MS (Continued)

Lab Sample ID: MB 460-1067931/6
Matrix: Solid
Analysis Batch: 1067931

Client Sample ID: Method Blank
Prep Type: Total/NA

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
cis-1,2-Dichloroethene	0.0010	U	0.0010	0.00036	mg/Kg			10/13/25 08:53	1
cis-1,3-Dichloropropene	0.0010	U	0.0010	0.00027	mg/Kg			10/13/25 08:53	1
Cyclohexane	0.0010	U	0.0010	0.00022	mg/Kg			10/13/25 08:53	1
Dichlorobromomethane	0.0010	U	0.0010	0.00026	mg/Kg			10/13/25 08:53	1
Dichlorodifluoromethane	0.0010	U	0.0010	0.00034	mg/Kg			10/13/25 08:53	1
Ethylbenzene	0.0010	U	0.0010	0.00047	mg/Kg			10/13/25 08:53	1
Ethylene Dibromide	0.0010	U	0.0010	0.00050	mg/Kg			10/13/25 08:53	1
Isopropylbenzene	0.0010	U	0.0010	0.00029	mg/Kg			10/13/25 08:53	1
Methyl acetate	0.0050	U	0.0050	0.0043	mg/Kg			10/13/25 08:53	1
Methyl tert-butyl ether	0.0010	U	0.0010	0.00051	mg/Kg			10/13/25 08:53	1
Methylcyclohexane	0.0010	U	0.0010	0.00050	mg/Kg			10/13/25 08:53	1
Methylene Chloride	0.0020	U	0.0020	0.0011	mg/Kg			10/13/25 08:53	1
m-Xylene & p-Xylene	0.0010	U	0.0010	0.00042	mg/Kg			10/13/25 08:53	1
n-Butylbenzene	0.0010	U	0.0010	0.00029	mg/Kg			10/13/25 08:53	1
N-Propylbenzene	0.0010	U	0.0010	0.00045	mg/Kg			10/13/25 08:53	1
o-Xylene	0.0010	U	0.0010	0.00046	mg/Kg			10/13/25 08:53	1
sec-Butylbenzene	0.0010	U	0.0010	0.00029	mg/Kg			10/13/25 08:53	1
Styrene	0.0010	U	0.0010	0.00028	mg/Kg			10/13/25 08:53	1
tert-Butylbenzene	0.0010	U	0.0010	0.00028	mg/Kg			10/13/25 08:53	1
Tetrachloroethene	0.0010	U	0.0010	0.00031	mg/Kg			10/13/25 08:53	1
Toluene	0.0010	U	0.0010	0.00023	mg/Kg			10/13/25 08:53	1
trans-1,2-Dichloroethene	0.0010	U	0.0010	0.00025	mg/Kg			10/13/25 08:53	1
trans-1,3-Dichloropropene	0.0010	U	0.0010	0.00027	mg/Kg			10/13/25 08:53	1
Trichloroethene	0.0010	U	0.0010	0.00032	mg/Kg			10/13/25 08:53	1
Trichlorofluoromethane	0.0010	U	0.0010	0.00041	mg/Kg			10/13/25 08:53	1
Vinyl chloride	0.0010	U	0.0010	0.00055	mg/Kg			10/13/25 08:53	1
Xylenes, Total	0.0020	U	0.0020	0.00017	mg/Kg			10/13/25 08:53	1

Surrogate	*MB %Recovery*	*MB Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,2-Dichloroethane-d4 (Surr)	*109*		*65 - 138*		*10/13/25 08:53*	*1*
4-Bromofluorobenzene	*101*		*71 - 128*		*10/13/25 08:53*	*1*
Dibromofluoromethane (Surr)	*118*		*50 - 150*		*10/13/25 08:53*	*1*
Toluene-d8 (Surr)	*95*		*71 - 126*		*10/13/25 08:53*	*1*

Lab Sample ID: LCS 460-1067931/3
Matrix: Solid
Analysis Batch: 1067931

Client Sample ID: Lab Control Sample
Prep Type: Total/NA

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
1,1,1-Trichloroethane	0.0200	0.0182		mg/Kg		91	78 - 120
1,1,2,2-Tetrachloroethane	0.0200	0.0207		mg/Kg		104	70 - 133
1,1,2-Trichloro-1,2,2-trifluoroethane	0.0200	0.0194		mg/Kg		97	75 - 121
1,1,2-Trichloroethane	0.0200	0.0216		mg/Kg		108	80 - 120
1,1-Dichloroethane	0.0200	0.0185		mg/Kg		92	72 - 120
1,1-Dichloroethene	0.0200	0.0192		mg/Kg		96	76 - 120
1,2,3-Trichlorobenzene	0.0200	0.0216		mg/Kg		108	77 - 137
1,2,4-Trichlorobenzene	0.0200	0.0208		mg/Kg		104	77 - 136
1,2,4-Trimethylbenzene	0.0200	0.0204		mg/Kg		102	75 - 120

Method: 8260D - Volatile Organic Compounds by GC/MS (Continued)

Lab Sample ID: LCS 460-1067931/3
Matrix: Solid
Analysis Batch: 1067931

Client Sample ID: Lab Control Sample
Prep Type: Total/NA

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
1,2-Dibromo-3-Chloropropane	0.0200	0.0189		mg/Kg		94	80 - 124
1,2-Dichlorobenzene	0.0200	0.0222		mg/Kg		111	80 - 120
1,2-Dichloroethane	0.0200	0.0192		mg/Kg		96	70 - 123
1,2-Dichloropropane	0.0200	0.0188		mg/Kg		94	73 - 124
1,3,5-Trimethylbenzene	0.0200	0.0201		mg/Kg		100	70 - 120
1,3-Dichlorobenzene	0.0200	0.0210		mg/Kg		105	80 - 120
1,4-Dichlorobenzene	0.0200	0.0215		mg/Kg		107	80 - 120
2-Butanone (MEK)	0.100	0.117		mg/Kg		117	64 - 128
2-Hexanone	0.100	0.121	*	mg/Kg		121	75 - 120
4-Methyl-2-pentanone (MIBK)	0.100	0.127	*	mg/Kg		127	80 - 120
Acetone	0.100	0.108		mg/Kg		108	58 - 122
Benzene	0.0200	0.0191		mg/Kg		96	75 - 120
Bromoform	0.0200	0.0195		mg/Kg		98	61 - 125
Bromomethane	0.0200	0.0202		mg/Kg		101	37 - 150
Carbon disulfide	0.0200	0.0194		mg/Kg		97	57 - 133
Carbon tetrachloride	0.0200	0.0175		mg/Kg		88	66 - 127
Chlorobenzene	0.0200	0.0198		mg/Kg		99	80 - 120
Chlorobromomethane	0.0200	0.0209		mg/Kg		104	76 - 127
Chlorodibromomethane	0.0200	0.0199		mg/Kg		99	72 - 120
Chloroethane	0.0200	0.0192		mg/Kg		96	60 - 123
Chloroform	0.0200	0.0190		mg/Kg		95	79 - 126
Chloromethane	0.0200	0.0166		mg/Kg		83	46 - 122
cis-1,2-Dichloroethene	0.0200	0.0196		mg/Kg		98	80 - 123
cis-1,3-Dichloropropene	0.0200	0.0201		mg/Kg		101	75 - 120
Cyclohexane	0.0200	0.0200		mg/Kg		100	65 - 132
Dichlorobromomethane	0.0200	0.0195		mg/Kg		98	77 - 124
Dichlorodifluoromethane	0.0200	0.0220		mg/Kg		110	45 - 129
Ethylbenzene	0.0200	0.0200		mg/Kg		100	80 - 120
Ethylene Dibromide	0.0200	0.0215		mg/Kg		107	79 - 120
Isopropylbenzene	0.0200	0.0195		mg/Kg		97	74 - 120
Methyl acetate	0.0400	0.0345		mg/Kg		86	57 - 120
Methyl tert-butyl ether	0.0200	0.0197		mg/Kg		99	74 - 125
Methylcyclohexane	0.0200	0.0190		mg/Kg		95	66 - 125
Methylene Chloride	0.0200	0.0206		mg/Kg		103	78 - 120
m-Xylene & p-Xylene	0.0200	0.0202		mg/Kg		101	80 - 120
n-Butylbenzene	0.0200	0.0199		mg/Kg		99	72 - 120
N-Propylbenzene	0.0200	0.0201		mg/Kg		101	68 - 120
o-Xylene	0.0200	0.0206		mg/Kg		103	80 - 120
sec-Butylbenzene	0.0200	0.0197		mg/Kg		99	78 - 120
Styrene	0.0200	0.0199		mg/Kg		99	80 - 120
tert-Butylbenzene	0.0200	0.0198		mg/Kg		99	80 - 120
Tetrachloroethene	0.0200	0.0194		mg/Kg		97	73 - 120
Toluene	0.0200	0.0190		mg/Kg		95	80 - 120
trans-1,2-Dichloroethene	0.0200	0.0196		mg/Kg		98	78 - 120
trans-1,3-Dichloropropene	0.0200	0.0198		mg/Kg		99	77 - 120
Trichloroethene	0.0200	0.0196		mg/Kg		98	80 - 120
Trichlorofluoromethane	0.0200	0.0203		mg/Kg		101	61 - 130
Vinyl chloride	0.0200	0.0186		mg/Kg		93	54 - 122
Xylenes, Total	0.0400	0.0408		mg/Kg		102	80 - 120

Method: 8260D - Volatile Organic Compounds by GC/MS (Continued)

Surrogate	LCS %Recovery	LCS Qualifier	Limits
1,2-Dichloroethane-d4 (Surr)	92		65 - 138
4-Bromofluorobenzene	104		71 - 128
Dibromofluoromethane (Surr)	94		50 - 150
Toluene-d8 (Surr)	96		71 - 126

Lab Sample ID: LCSD 460-1067931/4
Matrix: Solid
Analysis Batch: 1067931

Client Sample ID: Lab Control Sample Dup
Prep Type: Total/NA

Analyte			Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
1,1,1-Trichloroethane			0.0200	0.0181		mg/Kg		91	78 - 120	0	30
1,1,2,2-Tetrachloroethane			0.0200	0.0213		mg/Kg		106	70 - 133	3	30
1,1,2-Trichloro-1,2,2-trifluoroethane			0.0200	0.0186		mg/Kg		93	75 - 121	4	30
1,1,2-Trichloroethane			0.0200	0.0220		mg/Kg		110	80 - 120	2	30
1,1-Dichloroethane			0.0200	0.0178		mg/Kg		89	72 - 120	4	30
1,1-Dichloroethene			0.0200	0.0182		mg/Kg		91	76 - 120	5	30
1,2,3-Trichlorobenzene			0.0200	0.0214		mg/Kg		107	77 - 137	1	30
1,2,4-Trichlorobenzene			0.0200	0.0209		mg/Kg		104	77 - 136	1	30
1,2,4-Trimethylbenzene			0.0200	0.0202		mg/Kg		101	75 - 120	1	30
1,2-Dibromo-3-Chloropropane			0.0200	0.0196		mg/Kg		98	80 - 124	4	30
1,2-Dichlorobenzene			0.0200	0.0220		mg/Kg		110	80 - 120	1	30
1,2-Dichloroethane			0.0200	0.0188		mg/Kg		94	70 - 123	2	30
1,2-Dichloropropane			0.0200	0.0189		mg/Kg		94	73 - 124	1	30
1,3,5-Trimethylbenzene			0.0200	0.0199		mg/Kg		100	70 - 120	1	30
1,3-Dichlorobenzene			0.0200	0.0207		mg/Kg		103	80 - 120	2	30
1,4-Dichlorobenzene			0.0200	0.0211		mg/Kg		105	80 - 120	2	30
2-Butanone (MEK)			0.100	0.114		mg/Kg		114	64 - 128	3	30
2-Hexanone			0.100	0.115		mg/Kg		115	75 - 120	5	30
4-Methyl-2-pentanone (MIBK)			0.100	0.118		mg/Kg		118	80 - 120	8	30
Acetone			0.100	0.102		mg/Kg		102	58 - 122	6	30
Benzene			0.0200	0.0187		mg/Kg		94	75 - 120	2	30
Bromoform			0.0200	0.0198		mg/Kg		99	61 - 125	1	30
Bromomethane			0.0200	0.0191		mg/Kg		96	37 - 150	5	30
Carbon disulfide			0.0200	0.0185		mg/Kg		92	57 - 133	5	30
Carbon tetrachloride			0.0200	0.0172		mg/Kg		86	66 - 127	2	30
Chlorobenzene			0.0200	0.0197		mg/Kg		99	80 - 120	0	30
Chlorobromomethane			0.0200	0.0205		mg/Kg		102	76 - 127	2	30
Chlorodibromomethane			0.0200	0.0201		mg/Kg		100	72 - 120	1	30
Chloroethane			0.0200	0.0173		mg/Kg		87	60 - 123	10	30
Chloroform			0.0200	0.0186		mg/Kg		93	79 - 126	3	30
Chloromethane			0.0200	0.0152		mg/Kg		76	46 - 122	9	30
cis-1,2-Dichloroethene			0.0200	0.0191		mg/Kg		96	80 - 123	3	30
cis-1,3-Dichloropropene			0.0200	0.0203		mg/Kg		102	75 - 120	1	30
Cyclohexane			0.0200	0.0195		mg/Kg		98	65 - 132	2	30
Dichlorobromomethane			0.0200	0.0191		mg/Kg		96	77 - 124	2	30
Dichlorodifluoromethane			0.0200	0.0196		mg/Kg		98	45 - 129	11	30
Ethylbenzene			0.0200	0.0197		mg/Kg		98	80 - 120	2	30
Ethylene Dibromide			0.0200	0.0218		mg/Kg		109	79 - 120	1	30
Isopropylbenzene			0.0200	0.0190		mg/Kg		95	74 - 120	2	30
Methyl acetate			0.0400	0.0351		mg/Kg		88	57 - 120	2	30
Methyl tert-butyl ether			0.0200	0.0201		mg/Kg		100	74 - 125	2	30

Method: 8260D - Volatile Organic Compounds by GC/MS (Continued)

Lab Sample ID: LCSD 460-1067931/4
Matrix: Solid
Analysis Batch: 1067931

Client Sample ID: Lab Control Sample Dup
Prep Type: Total/NA

Analyte			Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Methylcyclohexane			0.0200	0.0190		mg/Kg		95	66 - 125	0	30
Methylene Chloride			0.0200	0.0201		mg/Kg		100	78 - 120	3	30
m-Xylene & p-Xylene			0.0200	0.0197		mg/Kg		98	80 - 120	3	30
n-Butylbenzene			0.0200	0.0196		mg/Kg		98	72 - 120	1	30
N-Propylbenzene			0.0200	0.0198		mg/Kg		99	68 - 120	1	30
o-Xylene			0.0200	0.0198		mg/Kg		99	80 - 120	4	30
sec-Butylbenzene			0.0200	0.0194		mg/Kg		97	78 - 120	2	30
Styrene			0.0200	0.0195		mg/Kg		97	80 - 120	2	30
tert-Butylbenzene			0.0200	0.0195		mg/Kg		97	80 - 120	2	30
Tetrachloroethene			0.0200	0.0190		mg/Kg		95	73 - 120	2	30
Toluene			0.0200	0.0188		mg/Kg		94	80 - 120	1	30
trans-1,2-Dichloroethene			0.0200	0.0189		mg/Kg		95	78 - 120	3	30
trans-1,3-Dichloropropene			0.0200	0.0200		mg/Kg		100	77 - 120	1	30
Trichloroethene			0.0200	0.0192		mg/Kg		96	80 - 120	2	30
Trichlorofluoromethane			0.0200	0.0177		mg/Kg		89	61 - 130	13	30
Vinyl chloride			0.0200	0.0162		mg/Kg		81	54 - 122	14	30
Xylenes, Total			0.0400	0.0395		mg/Kg		99	80 - 120	3	30

Surrogate	*LCSD %Recovery*	*LCSD Qualifier*	*Limits*
1,2-Dichloroethane-d4 (Surr)	*92*		*65 - 138*
4-Bromofluorobenzene	*103*		*71 - 128*
Dibromofluoromethane (Surr)	*90*		*50 - 150*
Toluene-d8 (Surr)	*95*		*71 - 126*

Lab Sample ID: MB 460-1067943/7
Matrix: Solid
Analysis Batch: 1067943

Client Sample ID: Method Blank
Prep Type: Total/NA

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1-Trichloroethane	0.0010	U	0.0010	0.00023	mg/Kg			10/13/25 23:34	1
1,1,2,2-Tetrachloroethane	0.0010	U	0.0010	0.00052	mg/Kg			10/13/25 23:34	1
1,1,2-Trichloro-1,2,2-trifluoroethane	0.0010	U	0.0010	0.00030	mg/Kg			10/13/25 23:34	1
1,1,2-Trichloroethane	0.0010	U	0.0010	0.00060	mg/Kg			10/13/25 23:34	1
1,1-Dichloroethane	0.0010	U	0.0010	0.00060	mg/Kg			10/13/25 23:34	1
1,1-Dichloroethene	0.0010	U	0.0010	0.00023	mg/Kg			10/13/25 23:34	1
1,2,3-Trichlorobenzene	0.0010	U	0.0010	0.00074	mg/Kg			10/13/25 23:34	1
1,2,4-Trichlorobenzene	0.0010	U	0.0010	0.00036	mg/Kg			10/13/25 23:34	1
1,2,4-Trimethylbenzene	0.0010	U	0.0010	0.00025	mg/Kg			10/13/25 23:34	1
1,2-Dibromo-3-Chloropropane	0.0010	U	0.0010	0.00046	mg/Kg			10/13/25 23:34	1
1,2-Dichlorobenzene	0.0010	U	0.0010	0.00036	mg/Kg			10/13/25 23:34	1
1,2-Dichloroethane	0.0010	U	0.0010	0.00030	mg/Kg			10/13/25 23:34	1
1,2-Dichloropropane	0.0010	U	0.0010	0.00042	mg/Kg			10/13/25 23:34	1
1,3,5-Trimethylbenzene	0.0010	U	0.0010	0.00031	mg/Kg			10/13/25 23:34	1
1,3-Dichlorobenzene	0.0010	U	0.0010	0.00037	mg/Kg			10/13/25 23:34	1
1,4-Dichlorobenzene	0.0010	U	0.0010	0.00052	mg/Kg			10/13/25 23:34	1
2-Butanone (MEK)	0.0050	U	0.0050	0.00037	mg/Kg			10/13/25 23:34	1
2-Hexanone	0.0050	U	0.0050	0.0017	mg/Kg			10/13/25 23:34	1
4-Methyl-2-pentanone (MIBK)	0.0050	U	0.0050	0.0016	mg/Kg			10/13/25 23:34	1

Method: 8260D - Volatile Organic Compounds by GC/MS (Continued)

Lab Sample ID: MB 460-1067943/7
Matrix: Solid
Analysis Batch: 1067943

Client Sample ID: Method Blank
Prep Type: Total/NA

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Acetone	0.0060	U	0.0060	0.0057	mg/Kg			10/13/25 23:34	1
Benzene	0.0010	U	0.0010	0.00057	mg/Kg			10/13/25 23:34	1
Bromoform	0.0010	U	0.0010	0.00043	mg/Kg			10/13/25 23:34	1
Bromomethane	0.0020	U	0.0020	0.0010	mg/Kg			10/13/25 23:34	1
Carbon disulfide	0.0010	U	0.0010	0.00027	mg/Kg			10/13/25 23:34	1
Carbon tetrachloride	0.0010	U	0.0010	0.00039	mg/Kg			10/13/25 23:34	1
Chlorobenzene	0.0010	U	0.0010	0.00051	mg/Kg			10/13/25 23:34	1
Chlorobromomethane	0.0010	U	0.0010	0.00060	mg/Kg			10/13/25 23:34	1
Chlorodibromomethane	0.0010	U	0.0010	0.00054	mg/Kg			10/13/25 23:34	1
Chloroethane	0.0010	U	0.0010	0.00052	mg/Kg			10/13/25 23:34	1
Chloroform	0.0010	U	0.0010	0.00097	mg/Kg			10/13/25 23:34	1
Chloromethane	0.0010	U	0.0010	0.00044	mg/Kg			10/13/25 23:34	1
cis-1,2-Dichloroethene	0.0010	U	0.0010	0.00036	mg/Kg			10/13/25 23:34	1
cis-1,3-Dichloropropene	0.0010	U	0.0010	0.00027	mg/Kg			10/13/25 23:34	1
Cyclohexane	0.0010	U	0.0010	0.00022	mg/Kg			10/13/25 23:34	1
Dichlorobromomethane	0.0010	U	0.0010	0.00026	mg/Kg			10/13/25 23:34	1
Dichlorodifluoromethane	0.0010	U	0.0010	0.00034	mg/Kg			10/13/25 23:34	1
Ethylbenzene	0.0010	U	0.0010	0.00047	mg/Kg			10/13/25 23:34	1
Ethylene Dibromide	0.0010	U	0.0010	0.00050	mg/Kg			10/13/25 23:34	1
Isopropylbenzene	0.0010	U	0.0010	0.00029	mg/Kg			10/13/25 23:34	1
Methyl acetate	0.0050	U	0.0050	0.0043	mg/Kg			10/13/25 23:34	1
Methyl tert-butyl ether	0.0010	U	0.0010	0.00051	mg/Kg			10/13/25 23:34	1
Methylcyclohexane	0.0010	U	0.0010	0.00050	mg/Kg			10/13/25 23:34	1
Methylene Chloride	0.0020	U	0.0020	0.0011	mg/Kg			10/13/25 23:34	1
m-Xylene & p-Xylene	0.0010	U	0.0010	0.00042	mg/Kg			10/13/25 23:34	1
n-Butylbenzene	0.0010	U	0.0010	0.00029	mg/Kg			10/13/25 23:34	1
N-Propylbenzene	0.0010	U	0.0010	0.00045	mg/Kg			10/13/25 23:34	1
o-Xylene	0.0010	U	0.0010	0.00046	mg/Kg			10/13/25 23:34	1
sec-Butylbenzene	0.0010	U	0.0010	0.00029	mg/Kg			10/13/25 23:34	1
Styrene	0.0010	U	0.0010	0.00028	mg/Kg			10/13/25 23:34	1
tert-Butylbenzene	0.0010	U	0.0010	0.00028	mg/Kg			10/13/25 23:34	1
Tetrachloroethene	0.0010	U	0.0010	0.00031	mg/Kg			10/13/25 23:34	1
Toluene	0.0010	U	0.0010	0.00023	mg/Kg			10/13/25 23:34	1
trans-1,2-Dichloroethene	0.0010	U	0.0010	0.00025	mg/Kg			10/13/25 23:34	1
trans-1,3-Dichloropropene	0.0010	U	0.0010	0.00027	mg/Kg			10/13/25 23:34	1
Trichloroethene	0.0010	U	0.0010	0.00032	mg/Kg			10/13/25 23:34	1
Trichlorofluoromethane	0.0010	U	0.0010	0.00041	mg/Kg			10/13/25 23:34	1
Vinyl chloride	0.0010	U	0.0010	0.00055	mg/Kg			10/13/25 23:34	1
Xylenes, Total	0.0020	U	0.0020	0.00017	mg/Kg			10/13/25 23:34	1

Surrogate	*MB %Recovery*	*MB Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,2-Dichloroethane-d4 (Surr)	*85*		*65 - 138*		*10/13/25 23:34*	*1*
4-Bromofluorobenzene	*92*		*71 - 128*		*10/13/25 23:34*	*1*
Dibromofluoromethane (Surr)	*98*		*50 - 150*		*10/13/25 23:34*	*1*
Toluene-d8 (Surr)	*98*		*71 - 126*		*10/13/25 23:34*	*1*

Method: 8260D - Volatile Organic Compounds by GC/MS (Continued)

Lab Sample ID: LCS 460-1067943/3
Matrix: Solid
Analysis Batch: 1067943

Client Sample ID: Lab Control Sample
Prep Type: Total/NA

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
1,1,1-Trichloroethane	0.0200	0.0158		mg/Kg		79	78 - 120
1,1,2,2-Tetrachloroethane	0.0200	0.0213		mg/Kg		107	70 - 133
1,1,2-Trichloro-1,2,2-trifluoroethane	0.0200	0.0184		mg/Kg		92	75 - 121
1,1,2-Trichloroethane	0.0200	0.0205		mg/Kg		103	80 - 120
1,1-Dichloroethane	0.0200	0.0176		mg/Kg		88	72 - 120
1,1-Dichloroethene	0.0200	0.0190		mg/Kg		95	76 - 120
1,2,3-Trichlorobenzene	0.0200	0.0201		mg/Kg		100	77 - 137
1,2,4-Trichlorobenzene	0.0200	0.0197		mg/Kg		98	77 - 136
1,2,4-Trimethylbenzene	0.0200	0.0196		mg/Kg		98	75 - 120
1,2-Dibromo-3-Chloropropane	0.0200	0.0203		mg/Kg		102	80 - 124
1,2-Dichlorobenzene	0.0200	0.0205		mg/Kg		103	80 - 120
1,2-Dichloroethane	0.0200	0.0155		mg/Kg		77	70 - 123
1,2-Dichloropropane	0.0200	0.0178		mg/Kg		89	73 - 124
1,3,5-Trimethylbenzene	0.0200	0.0192		mg/Kg		96	70 - 120
1,3-Dichlorobenzene	0.0200	0.0209		mg/Kg		104	80 - 120
1,4-Dichlorobenzene	0.0200	0.0200		mg/Kg		100	80 - 120
2-Butanone (MEK)	0.100	0.119		mg/Kg		119	64 - 128
2-Hexanone	0.100	0.104		mg/Kg		104	75 - 120
4-Methyl-2-pentanone (MIBK)	0.100	0.104		mg/Kg		104	80 - 120
Acetone	0.100	0.101		mg/Kg		101	58 - 122
Benzene	0.0200	0.0188		mg/Kg		94	75 - 120
Bromoform	0.0200	0.0195		mg/Kg		97	61 - 125
Bromomethane	0.0200	0.0150		mg/Kg		75	37 - 150
Carbon disulfide	0.0200	0.0174		mg/Kg		87	57 - 133
Carbon tetrachloride	0.0200	0.0155		mg/Kg		77	66 - 127
Chlorobenzene	0.0200	0.0196		mg/Kg		98	80 - 120
Chlorobromomethane	0.0200	0.0198		mg/Kg		99	76 - 127
Chlorodibromomethane	0.0200	0.0190		mg/Kg		95	72 - 120
Chloroethane	0.0200	0.0141		mg/Kg		71	60 - 123
Chloroform	0.0200	0.0175		mg/Kg		88	79 - 126
Chloromethane	0.0200	0.0172		mg/Kg		86	46 - 122
cis-1,2-Dichloroethene	0.0200	0.0185		mg/Kg		93	80 - 123
cis-1,3-Dichloropropene	0.0200	0.0185		mg/Kg		92	75 - 120
Cyclohexane	0.0200	0.0180		mg/Kg		90	65 - 132
Dichlorobromomethane	0.0200	0.0172		mg/Kg		86	77 - 124
Dichlorodifluoromethane	0.0200	0.0163		mg/Kg		81	45 - 129
Ethylbenzene	0.0200	0.0194		mg/Kg		97	80 - 120
Ethylene Dibromide	0.0200	0.0203		mg/Kg		101	79 - 120
Isopropylbenzene	0.0200	0.0190		mg/Kg		95	74 - 120
Methyl acetate	0.0400	0.0339		mg/Kg		85	57 - 120
Methyl tert-butyl ether	0.0200	0.0180		mg/Kg		90	74 - 125
Methylcyclohexane	0.0200	0.0184		mg/Kg		92	66 - 125
Methylene Chloride	0.0200	0.0203		mg/Kg		101	78 - 120
m-Xylene & p-Xylene	0.0200	0.0194		mg/Kg		97	80 - 120
n-Butylbenzene	0.0200	0.0199		mg/Kg		99	72 - 120
N-Propylbenzene	0.0200	0.0194		mg/Kg		97	68 - 120
o-Xylene	0.0200	0.0200		mg/Kg		100	80 - 120
sec-Butylbenzene	0.0200	0.0195		mg/Kg		98	78 - 120

Method: 8260D - Volatile Organic Compounds by GC/MS (Continued)

Lab Sample ID: LCS 460-1067943/3
Matrix: Solid
Analysis Batch: 1067943

Client Sample ID: Lab Control Sample
Prep Type: Total/NA

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
Styrene	0.0200	0.0202		mg/Kg		101	80 - 120
tert-Butylbenzene	0.0200	0.0193		mg/Kg		96	80 - 120
Tetrachloroethene	0.0200	0.0177		mg/Kg		88	73 - 120
Toluene	0.0200	0.0184		mg/Kg		92	80 - 120
trans-1,2-Dichloroethene	0.0200	0.0186		mg/Kg		93	78 - 120
trans-1,3-Dichloropropene	0.0200	0.0177		mg/Kg		88	77 - 120
Trichloroethene	0.0200	0.0172		mg/Kg		86	80 - 120
Trichlorofluoromethane	0.0200	0.0169		mg/Kg		84	61 - 130
Vinyl chloride	0.0200	0.0163		mg/Kg		82	54 - 122
Xylenes, Total	0.0400	0.0394		mg/Kg		99	80 - 120

Surrogate	*LCS %Recovery*	*LCS Qualifier*	*Limits*
1,2-Dichloroethane-d4 (Surr)	*79*		*65 - 138*
4-Bromofluorobenzene	*94*		*71 - 128*
Dibromofluoromethane (Surr)	*90*		*50 - 150*
Toluene-d8 (Surr)	*98*		*71 - 126*

Lab Sample ID: LCSD 460-1067943/4
Matrix: Solid
Analysis Batch: 1067943

Client Sample ID: Lab Control Sample Dup
Prep Type: Total/NA

Analyte	Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
1,1,1-Trichloroethane	0.0200	0.0170		mg/Kg		85	78 - 120	8	30
1,1,2,2-Tetrachloroethane	0.0200	0.0215		mg/Kg		107	70 - 133	1	30
1,1,2-Trichloro-1,2,2-trifluoroethane	0.0200	0.0205		mg/Kg		102	75 - 121	11	30
1,1,2-Trichloroethane	0.0200	0.0205		mg/Kg		102	80 - 120	0	30
1,1-Dichloroethane	0.0200	0.0185		mg/Kg		93	72 - 120	5	30
1,1-Dichloroethene	0.0200	0.0211		mg/Kg		105	76 - 120	10	30
1,2,3-Trichlorobenzene	0.0200	0.0200		mg/Kg		100	77 - 137	1	30
1,2,4-Trichlorobenzene	0.0200	0.0197		mg/Kg		99	77 - 136	0	30
1,2,4-Trimethylbenzene	0.0200	0.0203		mg/Kg		102	75 - 120	4	30
1,2-Dibromo-3-Chloropropane	0.0200	0.0206		mg/Kg		103	80 - 124	1	30
1,2-Dichlorobenzene	0.0200	0.0208		mg/Kg		104	80 - 120	1	30
1,2-Dichloroethane	0.0200	0.0160		mg/Kg		80	70 - 123	3	30
1,2-Dichloropropane	0.0200	0.0187		mg/Kg		93	73 - 124	5	30
1,3,5-Trimethylbenzene	0.0200	0.0200		mg/Kg		100	70 - 120	4	30
1,3-Dichlorobenzene	0.0200	0.0213		mg/Kg		107	80 - 120	2	30
1,4-Dichlorobenzene	0.0200	0.0206		mg/Kg		103	80 - 120	3	30
2-Butanone (MEK)	0.100	0.124		mg/Kg		124	64 - 128	4	30
2-Hexanone	0.100	0.103		mg/Kg		103	75 - 120	1	30
4-Methyl-2-pentanone (MIBK)	0.100	0.104		mg/Kg		104	80 - 120	0	30
Acetone	0.100	0.102		mg/Kg		102	58 - 122	1	30
Benzene	0.0200	0.0197		mg/Kg		98	75 - 120	5	30
Bromoform	0.0200	0.0196		mg/Kg		98	61 - 125	0	30
Bromomethane	0.0200	0.0166		mg/Kg		83	37 - 150	10	30
Carbon disulfide	0.0200	0.0192		mg/Kg		96	57 - 133	10	30
Carbon tetrachloride	0.0200	0.0167		mg/Kg		84	66 - 127	8	30
Chlorobenzene	0.0200	0.0200		mg/Kg		100	80 - 120	2	30

Method: 8260D - Volatile Organic Compounds by GC/MS (Continued)

Lab Sample ID: LCSD 460-1067943/4
Matrix: Solid
Analysis Batch: 1067943

Client Sample ID: Lab Control Sample Dup
Prep Type: Total/NA

Analyte			Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Chlorobromomethane			0.0200	0.0211		mg/Kg		106	76 - 127	6	30
Chlorodibromomethane			0.0200	0.0193		mg/Kg		96	72 - 120	2	30
Chloroethane			0.0200	0.0144		mg/Kg		72	60 - 123	2	30
Chloroform			0.0200	0.0181		mg/Kg		91	79 - 126	3	30
Chloromethane			0.0200	0.0187		mg/Kg		93	46 - 122	8	30
cis-1,2-Dichloroethene			0.0200	0.0194		mg/Kg		97	80 - 123	5	30
cis-1,3-Dichloropropene			0.0200	0.0188		mg/Kg		94	75 - 120	2	30
Cyclohexane			0.0200	0.0201		mg/Kg		101	65 - 132	11	30
Dichlorobromomethane			0.0200	0.0177		mg/Kg		89	77 - 124	3	30
Dichlorodifluoromethane			0.0200	0.0197		mg/Kg		98	45 - 129	19	30
Ethylbenzene			0.0200	0.0201		mg/Kg		101	80 - 120	4	30
Ethylene Dibromide			0.0200	0.0205		mg/Kg		102	79 - 120	1	30
Isopropylbenzene			0.0200	0.0200		mg/Kg		100	74 - 120	5	30
Methyl acetate			0.0400	0.0344		mg/Kg		86	57 - 120	2	30
Methyl tert-butyl ether			0.0200	0.0184		mg/Kg		92	74 - 125	2	30
Methylcyclohexane			0.0200	0.0201		mg/Kg		100	66 - 125	9	30
Methylene Chloride			0.0200	0.0210		mg/Kg		105	78 - 120	4	30
m-Xylene & p-Xylene			0.0200	0.0202		mg/Kg		101	80 - 120	4	30
n-Butylbenzene			0.0200	0.0208		mg/Kg		104	72 - 120	5	30
N-Propylbenzene			0.0200	0.0206		mg/Kg		103	68 - 120	6	30
o-Xylene			0.0200	0.0207		mg/Kg		104	80 - 120	3	30
sec-Butylbenzene			0.0200	0.0208		mg/Kg		104	78 - 120	6	30
Styrene			0.0200	0.0206		mg/Kg		103	80 - 120	2	30
tert-Butylbenzene			0.0200	0.0205		mg/Kg		103	80 - 120	6	30
Tetrachloroethene			0.0200	0.0186		mg/Kg		93	73 - 120	5	30
Toluene			0.0200	0.0190		mg/Kg		95	80 - 120	4	30
trans-1,2-Dichloroethene			0.0200	0.0200		mg/Kg		100	78 - 120	7	30
trans-1,3-Dichloropropene			0.0200	0.0179		mg/Kg		90	77 - 120	1	30
Trichloroethene			0.0200	0.0185		mg/Kg		92	80 - 120	7	30
Trichlorofluoromethane			0.0200	0.0197		mg/Kg		98	61 - 130	15	30
Vinyl chloride			0.0200	0.0188		mg/Kg		94	54 - 122	14	30
Xylenes, Total			0.0400	0.0409		mg/Kg		102	80 - 120	4	30

Surrogate	*LCSD %Recovery*	*LCSD Qualifier*	*Limits*
1,2-Dichloroethane-d4 (Surr)	*82*		*65 - 138*
4-Bromofluorobenzene	*96*		*71 - 128*
Dibromofluoromethane (Surr)	*93*		*50 - 150*
Toluene-d8 (Surr)	*97*		*71 - 126*

Lab Sample ID: MB 460-1067947/7
Matrix: Solid
Analysis Batch: 1067947

Client Sample ID: Method Blank
Prep Type: Total/NA

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1-Trichloroethane	0.0010	U	0.0010	0.00023	mg/Kg			10/14/25 10:30	1
1,1,2,2-Tetrachloroethane	0.0010	U	0.0010	0.00052	mg/Kg			10/14/25 10:30	1
1,1,2-Trichloro-1,2,2-trifluoroethane	0.0010	U	0.0010	0.00030	mg/Kg			10/14/25 10:30	1
1,1,2-Trichloroethane	0.0010	U	0.0010	0.00060	mg/Kg			10/14/25 10:30	1

Method: 8260D - Volatile Organic Compounds by GC/MS (Continued)

Lab Sample ID: MB 460-1067947/7
Matrix: Solid
Analysis Batch: 1067947

Client Sample ID: Method Blank
Prep Type: Total/NA

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1-Dichloroethane	0.0010	U	0.0010	0.00060	mg/Kg			10/14/25 10:30	1
1,1-Dichloroethene	0.0010	U	0.0010	0.00023	mg/Kg			10/14/25 10:30	1
1,2,3-Trichlorobenzene	0.0010	U	0.0010	0.00074	mg/Kg			10/14/25 10:30	1
1,2,4-Trichlorobenzene	0.0010	U	0.0010	0.00036	mg/Kg			10/14/25 10:30	1
1,2,4-Trimethylbenzene	0.0010	U	0.0010	0.00025	mg/Kg			10/14/25 10:30	1
1,2-Dibromo-3-Chloropropane	0.0010	U	0.0010	0.00046	mg/Kg			10/14/25 10:30	1
1,2-Dichlorobenzene	0.0010	U	0.0010	0.00036	mg/Kg			10/14/25 10:30	1
1,2-Dichloroethane	0.0010	U	0.0010	0.00030	mg/Kg			10/14/25 10:30	1
1,2-Dichloropropane	0.0010	U	0.0010	0.00042	mg/Kg			10/14/25 10:30	1
1,3,5-Trimethylbenzene	0.0010	U	0.0010	0.00031	mg/Kg			10/14/25 10:30	1
1,3-Dichlorobenzene	0.0010	U	0.0010	0.00037	mg/Kg			10/14/25 10:30	1
1,4-Dichlorobenzene	0.0010	U	0.0010	0.00052	mg/Kg			10/14/25 10:30	1
2-Butanone (MEK)	0.0050	U	0.0050	0.00037	mg/Kg			10/14/25 10:30	1
2-Hexanone	0.0050	U	0.0050	0.0017	mg/Kg			10/14/25 10:30	1
4-Methyl-2-pentanone (MIBK)	0.0050	U	0.0050	0.0016	mg/Kg			10/14/25 10:30	1
Acetone	0.0060	U	0.0060	0.0057	mg/Kg			10/14/25 10:30	1
Benzene	0.0010	U	0.0010	0.00057	mg/Kg			10/14/25 10:30	1
Bromoform	0.0010	U	0.0010	0.00043	mg/Kg			10/14/25 10:30	1
Bromomethane	0.0020	U	0.0020	0.0010	mg/Kg			10/14/25 10:30	1
Carbon disulfide	0.0010	U	0.0010	0.00027	mg/Kg			10/14/25 10:30	1
Carbon tetrachloride	0.0010	U	0.0010	0.00039	mg/Kg			10/14/25 10:30	1
Chlorobenzene	0.0010	U	0.0010	0.00051	mg/Kg			10/14/25 10:30	1
Chlorobromomethane	0.0010	U	0.0010	0.00060	mg/Kg			10/14/25 10:30	1
Chlorodibromomethane	0.0010	U	0.0010	0.00054	mg/Kg			10/14/25 10:30	1
Chloroethane	0.0010	U	0.0010	0.00052	mg/Kg			10/14/25 10:30	1
Chloroform	0.0010	U	0.0010	0.00097	mg/Kg			10/14/25 10:30	1
Chloromethane	0.0010	U	0.0010	0.00044	mg/Kg			10/14/25 10:30	1
cis-1,2-Dichloroethene	0.0010	U	0.0010	0.00036	mg/Kg			10/14/25 10:30	1
cis-1,3-Dichloropropene	0.0010	U	0.0010	0.00027	mg/Kg			10/14/25 10:30	1
Cyclohexane	0.0010	U	0.0010	0.00022	mg/Kg			10/14/25 10:30	1
Dichlorobromomethane	0.0010	U	0.0010	0.00026	mg/Kg			10/14/25 10:30	1
Dichlorodifluoromethane	0.0010	U	0.0010	0.00034	mg/Kg			10/14/25 10:30	1
Ethylbenzene	0.0010	U	0.0010	0.00047	mg/Kg			10/14/25 10:30	1
Ethylene Dibromide	0.0010	U	0.0010	0.00050	mg/Kg			10/14/25 10:30	1
Isopropylbenzene	0.0010	U	0.0010	0.00029	mg/Kg			10/14/25 10:30	1
Methyl acetate	0.0050	U	0.0050	0.0043	mg/Kg			10/14/25 10:30	1
Methyl tert-butyl ether	0.0010	U	0.0010	0.00051	mg/Kg			10/14/25 10:30	1
Methylcyclohexane	0.0010	U	0.0010	0.00050	mg/Kg			10/14/25 10:30	1
Methylene Chloride	0.0020	U	0.0020	0.0011	mg/Kg			10/14/25 10:30	1
m-Xylene & p-Xylene	0.0010	U	0.0010	0.00042	mg/Kg			10/14/25 10:30	1
n-Butylbenzene	0.0010	U	0.0010	0.00029	mg/Kg			10/14/25 10:30	1
N-Propylbenzene	0.0010	U	0.0010	0.00045	mg/Kg			10/14/25 10:30	1
o-Xylene	0.0010	U	0.0010	0.00046	mg/Kg			10/14/25 10:30	1
sec-Butylbenzene	0.0010	U	0.0010	0.00029	mg/Kg			10/14/25 10:30	1
Styrene	0.0010	U	0.0010	0.00028	mg/Kg			10/14/25 10:30	1
tert-Butylbenzene	0.0010	U	0.0010	0.00028	mg/Kg			10/14/25 10:30	1
Tetrachloroethene	0.0010	U	0.0010	0.00031	mg/Kg			10/14/25 10:30	1
Toluene	0.0010	U	0.0010	0.00023	mg/Kg			10/14/25 10:30	1
trans-1,2-Dichloroethene	0.0010	U	0.0010	0.00025	mg/Kg			10/14/25 10:30	1

Method: 8260D - Volatile Organic Compounds by GC/MS (Continued)

Lab Sample ID: MB 460-1067947/7
Matrix: Solid
Analysis Batch: 1067947

Client Sample ID: Method Blank
Prep Type: Total/NA

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
trans-1,3-Dichloropropene	0.0010	U	0.0010	0.00027	mg/Kg			10/14/25 10:30	1
Trichloroethene	0.0010	U	0.0010	0.00032	mg/Kg			10/14/25 10:30	1
Trichlorofluoromethane	0.0010	U	0.0010	0.00041	mg/Kg			10/14/25 10:30	1
Vinyl chloride	0.0010	U	0.0010	0.00055	mg/Kg			10/14/25 10:30	1
Xylenes, Total	0.0020	U	0.0020	0.00017	mg/Kg			10/14/25 10:30	1

Surrogate	*MB %Recovery*	*MB Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,2-Dichloroethane-d4 (Surr)	*86*		*65 - 138*		*10/14/25 10:30*	*1*
4-Bromofluorobenzene	*92*		*71 - 128*		*10/14/25 10:30*	*1*
Dibromofluoromethane (Surr)	*98*		*50 - 150*		*10/14/25 10:30*	*1*
Toluene-d8 (Surr)	*97*		*71 - 126*		*10/14/25 10:30*	*1*

Lab Sample ID: LCS 460-1067947/3
Matrix: Solid
Analysis Batch: 1067947

Client Sample ID: Lab Control Sample
Prep Type: Total/NA

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
1,1,1-Trichloroethane	0.0200	0.0163		mg/Kg		82	78 - 120
1,1,2,2-Tetrachloroethane	0.0200	0.0205		mg/Kg		103	70 - 133
1,1,2-Trichloro-1,2,2-trifluoroethane	0.0200	0.0188		mg/Kg		94	75 - 121
1,1,2-Trichloroethane	0.0200	0.0200		mg/Kg		100	80 - 120
1,1-Dichloroethane	0.0200	0.0179		mg/Kg		90	72 - 120
1,1-Dichloroethene	0.0200	0.0199		mg/Kg		99	76 - 120
1,2,3-Trichlorobenzene	0.0200	0.0189		mg/Kg		95	77 - 137
1,2,4-Trichlorobenzene	0.0200	0.0178		mg/Kg		89	77 - 136
1,2,4-Trimethylbenzene	0.0200	0.0195		mg/Kg		98	75 - 120
1,2-Dibromo-3-Chloropropane	0.0200	0.0186		mg/Kg		93	80 - 124
1,2-Dichlorobenzene	0.0200	0.0203		mg/Kg		101	80 - 120
1,2-Dichloroethane	0.0200	0.0155		mg/Kg		78	70 - 123
1,2-Dichloropropane	0.0200	0.0185		mg/Kg		93	73 - 124
1,3,5-Trimethylbenzene	0.0200	0.0193		mg/Kg		97	70 - 120
1,3-Dichlorobenzene	0.0200	0.0205		mg/Kg		103	80 - 120
1,4-Dichlorobenzene	0.0200	0.0199		mg/Kg		99	80 - 120
2-Butanone (MEK)	0.100	0.123		mg/Kg		123	64 - 128
2-Hexanone	0.100	0.104		mg/Kg		104	75 - 120
4-Methyl-2-pentanone (MIBK)	0.100	0.106		mg/Kg		106	80 - 120
Acetone	0.100	0.103		mg/Kg		103	58 - 122
Benzene	0.0200	0.0191		mg/Kg		95	75 - 120
Bromoform	0.0200	0.0188		mg/Kg		94	61 - 125
Bromomethane	0.0200	0.0153		mg/Kg		77	37 - 150
Carbon disulfide	0.0200	0.0180		mg/Kg		90	57 - 133
Carbon tetrachloride	0.0200	0.0162		mg/Kg		81	66 - 127
Chlorobenzene	0.0200	0.0193		mg/Kg		97	80 - 120
Chlorobromomethane	0.0200	0.0204		mg/Kg		102	76 - 127
Chlorodibromomethane	0.0200	0.0188		mg/Kg		94	72 - 120
Chloroethane	0.0200	0.0155		mg/Kg		78	60 - 123
Chloroform	0.0200	0.0182		mg/Kg		91	79 - 126
Chloromethane	0.0200	0.0171		mg/Kg		85	46 - 122

Method: 8260D - Volatile Organic Compounds by GC/MS (Continued)

Lab Sample ID: LCS 460-1067947/3
Matrix: Solid
Analysis Batch: 1067947

Client Sample ID: Lab Control Sample
Prep Type: Total/NA

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
cis-1,2-Dichloroethene	0.0200	0.0190		mg/Kg		95	80 - 123
cis-1,3-Dichloropropene	0.0200	0.0179		mg/Kg		90	75 - 120
Cyclohexane	0.0200	0.0188		mg/Kg		94	65 - 132
Dichlorobromomethane	0.0200	0.0170		mg/Kg		85	77 - 124
Dichlorodifluoromethane	0.0200	0.0165		mg/Kg		82	45 - 129
Ethylbenzene	0.0200	0.0193		mg/Kg		97	80 - 120
Ethylene Dibromide	0.0200	0.0197		mg/Kg		99	79 - 120
Isopropylbenzene	0.0200	0.0191		mg/Kg		95	74 - 120
Methyl acetate	0.0400	0.0317		mg/Kg		79	57 - 120
Methyl tert-butyl ether	0.0200	0.0180		mg/Kg		90	74 - 125
Methylcyclohexane	0.0200	0.0190		mg/Kg		95	66 - 125
Methylene Chloride	0.0200	0.0209		mg/Kg		104	78 - 120
m-Xylene & p-Xylene	0.0200	0.0194		mg/Kg		97	80 - 120
n-Butylbenzene	0.0200	0.0192		mg/Kg		96	72 - 120
N-Propylbenzene	0.0200	0.0193		mg/Kg		96	68 - 120
o-Xylene	0.0200	0.0200		mg/Kg		100	80 - 120
sec-Butylbenzene	0.0200	0.0198		mg/Kg		99	78 - 120
Styrene	0.0200	0.0198		mg/Kg		99	80 - 120
tert-Butylbenzene	0.0200	0.0197		mg/Kg		98	80 - 120
Tetrachloroethene	0.0200	0.0176		mg/Kg		88	73 - 120
Toluene	0.0200	0.0185		mg/Kg		93	80 - 120
trans-1,2-Dichloroethene	0.0200	0.0190		mg/Kg		95	78 - 120
trans-1,3-Dichloropropene	0.0200	0.0167		mg/Kg		84	77 - 120
Trichloroethene	0.0200	0.0181		mg/Kg		90	80 - 120
Trichlorofluoromethane	0.0200	0.0164		mg/Kg		82	61 - 130
Vinyl chloride	0.0200	0.0165		mg/Kg		82	54 - 122
Xylenes, Total	0.0400	0.0394		mg/Kg		98	80 - 120

Surrogate	*LCS %Recovery*	*LCS Qualifier*	*Limits*
1,2-Dichloroethane-d4 (Surr)	*80*		*65 - 138*
4-Bromofluorobenzene	*95*		*71 - 128*
Dibromofluoromethane (Surr)	*92*		*50 - 150*
Toluene-d8 (Surr)	*97*		*71 - 126*

Lab Sample ID: LCSD 460-1067947/4
Matrix: Solid
Analysis Batch: 1067947

Client Sample ID: Lab Control Sample Dup
Prep Type: Total/NA

Analyte	Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
1,1,1-Trichloroethane	0.0200	0.0178		mg/Kg		89	78 - 120	9	30
1,1,2,2-Tetrachloroethane	0.0200	0.0204		mg/Kg		102	70 - 133	0	30
1,1,2-Trichloro-1,2,2-trifluoroethane	0.0200	0.0206		mg/Kg		103	75 - 121	9	30
1,1,2-Trichloroethane	0.0200	0.0205		mg/Kg		103	80 - 120	2	30
1,1-Dichloroethane	0.0200	0.0190		mg/Kg		95	72 - 120	6	30
1,1-Dichloroethene	0.0200	0.0212		mg/Kg		106	76 - 120	7	30
1,2,3-Trichlorobenzene	0.0200	0.0200		mg/Kg		100	77 - 137	6	30
1,2,4-Trichlorobenzene	0.0200	0.0195		mg/Kg		98	77 - 136	9	30
1,2,4-Trimethylbenzene	0.0200	0.0207		mg/Kg		103	75 - 120	6	30

Method: 8260D - Volatile Organic Compounds by GC/MS (Continued)

Lab Sample ID: LCSD 460-1067947/4
Matrix: Solid
Analysis Batch: 1067947

Client Sample ID: Lab Control Sample Dup
Prep Type: Total/NA

Analyte	Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
1,2-Dibromo-3-Chloropropane	0.0200	0.0190		mg/Kg		95	80 - 124	2	30
1,2-Dichlorobenzene	0.0200	0.0212		mg/Kg		106	80 - 120	4	30
1,2-Dichloroethane	0.0200	0.0163		mg/Kg		82	70 - 123	5	30
1,2-Dichloropropane	0.0200	0.0191		mg/Kg		96	73 - 124	3	30
1,3,5-Trimethylbenzene	0.0200	0.0204		mg/Kg		102	70 - 120	6	30
1,3-Dichlorobenzene	0.0200	0.0216		mg/Kg		108	80 - 120	5	30
1,4-Dichlorobenzene	0.0200	0.0207		mg/Kg		103	80 - 120	4	30
2-Butanone (MEK)	0.100	0.128		mg/Kg		128	64 - 128	4	30
2-Hexanone	0.100	0.106		mg/Kg		106	75 - 120	2	30
4-Methyl-2-pentanone (MIBK)	0.100	0.109		mg/Kg		109	80 - 120	3	30
Acetone	0.100	0.105		mg/Kg		105	58 - 122	2	30
Benzene	0.0200	0.0201		mg/Kg		101	75 - 120	5	30
Bromoform	0.0200	0.0191		mg/Kg		96	61 - 125	2	30
Bromomethane	0.0200	0.0171		mg/Kg		85	37 - 150	11	30
Carbon disulfide	0.0200	0.0197		mg/Kg		98	57 - 133	9	30
Carbon tetrachloride	0.0200	0.0175		mg/Kg		88	66 - 127	8	30
Chlorobenzene	0.0200	0.0205		mg/Kg		102	80 - 120	6	30
Chlorobromomethane	0.0200	0.0212		mg/Kg		106	76 - 127	4	30
Chlorodibromomethane	0.0200	0.0194		mg/Kg		97	72 - 120	3	30
Chloroethane	0.0200	0.0173		mg/Kg		87	60 - 123	11	30
Chloroform	0.0200	0.0190		mg/Kg		95	79 - 126	4	30
Chloromethane	0.0200	0.0185		mg/Kg		92	46 - 122	8	30
cis-1,2-Dichloroethene	0.0200	0.0202		mg/Kg		101	80 - 123	6	30
cis-1,3-Dichloropropene	0.0200	0.0185		mg/Kg		93	75 - 120	3	30
Cyclohexane	0.0200	0.0207		mg/Kg		103	65 - 132	9	30
Dichlorobromomethane	0.0200	0.0179		mg/Kg		89	77 - 124	5	30
Dichlorodifluoromethane	0.0200	0.0191		mg/Kg		96	45 - 129	15	30
Ethylbenzene	0.0200	0.0207		mg/Kg		103	80 - 120	7	30
Ethylene Dibromide	0.0200	0.0203		mg/Kg		102	79 - 120	3	30
Isopropylbenzene	0.0200	0.0205		mg/Kg		103	74 - 120	8	30
Methyl acetate	0.0400	0.0320		mg/Kg		80	57 - 120	1	30
Methyl tert-butyl ether	0.0200	0.0184		mg/Kg		92	74 - 125	2	30
Methylcyclohexane	0.0200	0.0210		mg/Kg		105	66 - 125	10	30
Methylene Chloride	0.0200	0.0218		mg/Kg		109	78 - 120	4	30
m-Xylene & p-Xylene	0.0200	0.0205		mg/Kg		103	80 - 120	6	30
n-Butylbenzene	0.0200	0.0209		mg/Kg		104	72 - 120	8	30
N-Propylbenzene	0.0200	0.0207		mg/Kg		104	68 - 120	7	30
o-Xylene	0.0200	0.0214		mg/Kg		107	80 - 120	6	30
sec-Butylbenzene	0.0200	0.0211		mg/Kg		106	78 - 120	7	30
Styrene	0.0200	0.0207		mg/Kg		103	80 - 120	4	30
tert-Butylbenzene	0.0200	0.0209		mg/Kg		104	80 - 120	6	30
Tetrachloroethene	0.0200	0.0190		mg/Kg		95	73 - 120	7	30
Toluene	0.0200	0.0196		mg/Kg		98	80 - 120	6	30
trans-1,2-Dichloroethene	0.0200	0.0205		mg/Kg		102	78 - 120	8	30
trans-1,3-Dichloropropene	0.0200	0.0177		mg/Kg		88	77 - 120	6	30
Trichloroethene	0.0200	0.0192		mg/Kg		96	80 - 120	6	30
Trichlorofluoromethane	0.0200	0.0192		mg/Kg		96	61 - 130	16	30
Vinyl chloride	0.0200	0.0184		mg/Kg		92	54 - 122	11	30
Xylenes, Total	0.0400	0.0419		mg/Kg		105	80 - 120	6	30

Method: 8260D - Volatile Organic Compounds by GC/MS (Continued)

Surrogate	LCSD %Recovery	LCSD Qualifier	Limits
1,2-Dichloroethane-d4 (Surr)	*80*		*65 - 138*
4-Bromofluorobenzene	*94*		*71 - 128*
Dibromofluoromethane (Surr)	*91*		*50 - 150*
Toluene-d8 (Surr)	*97*		*71 - 126*

Lab Sample ID: MB 460-1067954/7
Matrix: Solid
Analysis Batch: 1067954

Client Sample ID: Method Blank
Prep Type: Total/NA

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1-Trichloroethane	0.0010	U	0.0010	0.00023	mg/Kg			10/13/25 20:03	1
1,1,2,2-Tetrachloroethane	0.0010	U	0.0010	0.00052	mg/Kg			10/13/25 20:03	1
1,1,2-Trichloro-1,2,2-trifluoroethane	0.0010	U	0.0010	0.00030	mg/Kg			10/13/25 20:03	1
1,1,2-Trichloroethane	0.0010	U	0.0010	0.00060	mg/Kg			10/13/25 20:03	1
1,1-Dichloroethane	0.0010	U	0.0010	0.00060	mg/Kg			10/13/25 20:03	1
1,1-Dichloroethene	0.0010	U	0.0010	0.00023	mg/Kg			10/13/25 20:03	1
1,2,3-Trichlorobenzene	0.0010	U	0.0010	0.00074	mg/Kg			10/13/25 20:03	1
1,2,4-Trichlorobenzene	0.0010	U	0.0010	0.00036	mg/Kg			10/13/25 20:03	1
1,2,4-Trimethylbenzene	0.0010	U	0.0010	0.00025	mg/Kg			10/13/25 20:03	1
1,2-Dibromo-3-Chloropropane	0.0010	U	0.0010	0.00046	mg/Kg			10/13/25 20:03	1
1,2-Dichlorobenzene	0.0010	U	0.0010	0.00036	mg/Kg			10/13/25 20:03	1
1,2-Dichloroethane	0.0010	U	0.0010	0.00030	mg/Kg			10/13/25 20:03	1
1,2-Dichloropropane	0.0010	U	0.0010	0.00042	mg/Kg			10/13/25 20:03	1
1,3,5-Trimethylbenzene	0.0010	U	0.0010	0.00031	mg/Kg			10/13/25 20:03	1
1,3-Dichlorobenzene	0.0010	U	0.0010	0.00037	mg/Kg			10/13/25 20:03	1
1,4-Dichlorobenzene	0.0010	U	0.0010	0.00052	mg/Kg			10/13/25 20:03	1
2-Butanone (MEK)	0.0050	U	0.0050	0.00037	mg/Kg			10/13/25 20:03	1
2-Hexanone	0.0050	U	0.0050	0.0017	mg/Kg			10/13/25 20:03	1
4-Methyl-2-pentanone (MIBK)	0.0050	U	0.0050	0.0016	mg/Kg			10/13/25 20:03	1
Acetone	0.0060	U	0.0060	0.0057	mg/Kg			10/13/25 20:03	1
Benzene	0.0010	U	0.0010	0.00057	mg/Kg			10/13/25 20:03	1
Bromoform	0.0010	U	0.0010	0.00043	mg/Kg			10/13/25 20:03	1
Bromomethane	0.0020	U	0.0020	0.0010	mg/Kg			10/13/25 20:03	1
Carbon disulfide	0.0010	U	0.0010	0.00027	mg/Kg			10/13/25 20:03	1
Carbon tetrachloride	0.0010	U	0.0010	0.00039	mg/Kg			10/13/25 20:03	1
Chlorobenzene	0.0010	U	0.0010	0.00051	mg/Kg			10/13/25 20:03	1
Chlorobromomethane	0.0010	U	0.0010	0.00060	mg/Kg			10/13/25 20:03	1
Chlorodibromomethane	0.0010	U	0.0010	0.00054	mg/Kg			10/13/25 20:03	1
Chloroethane	0.0010	U	0.0010	0.00052	mg/Kg			10/13/25 20:03	1
Chloroform	0.0010	U	0.0010	0.00097	mg/Kg			10/13/25 20:03	1
Chloromethane	0.0010	U	0.0010	0.00044	mg/Kg			10/13/25 20:03	1
cis-1,2-Dichloroethene	0.0010	U	0.0010	0.00036	mg/Kg			10/13/25 20:03	1
cis-1,3-Dichloropropene	0.0010	U	0.0010	0.00027	mg/Kg			10/13/25 20:03	1
Cyclohexane	0.0010	U	0.0010	0.00022	mg/Kg			10/13/25 20:03	1
Dichlorobromomethane	0.0010	U	0.0010	0.00026	mg/Kg			10/13/25 20:03	1
Dichlorodifluoromethane	0.0010	U	0.0010	0.00034	mg/Kg			10/13/25 20:03	1
Ethylbenzene	0.0010	U	0.0010	0.00047	mg/Kg			10/13/25 20:03	1
Ethylene Dibromide	0.0010	U	0.0010	0.00050	mg/Kg			10/13/25 20:03	1
Isopropylbenzene	0.0010	U	0.0010	0.00029	mg/Kg			10/13/25 20:03	1
Methyl acetate	0.0050	U	0.0050	0.0043	mg/Kg			10/13/25 20:03	1
Methyl tert-butyl ether	0.0010	U	0.0010	0.00051	mg/Kg			10/13/25 20:03	1

Method: 8260D - Volatile Organic Compounds by GC/MS (Continued)

Lab Sample ID: MB 460-1067954/7
Matrix: Solid
Analysis Batch: 1067954

Client Sample ID: Method Blank
Prep Type: Total/NA

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Methylcyclohexane	0.0010	U	0.0010	0.00050	mg/Kg			10/13/25 20:03	1
Methylene Chloride	0.0020	U	0.0020	0.0011	mg/Kg			10/13/25 20:03	1
m-Xylene & p-Xylene	0.0010	U	0.0010	0.00042	mg/Kg			10/13/25 20:03	1
n-Butylbenzene	0.0010	U	0.0010	0.00029	mg/Kg			10/13/25 20:03	1
N-Propylbenzene	0.0010	U	0.0010	0.00045	mg/Kg			10/13/25 20:03	1
o-Xylene	0.0010	U	0.0010	0.00046	mg/Kg			10/13/25 20:03	1
sec-Butylbenzene	0.0010	U	0.0010	0.00029	mg/Kg			10/13/25 20:03	1
Styrene	0.0010	U	0.0010	0.00028	mg/Kg			10/13/25 20:03	1
tert-Butylbenzene	0.0010	U	0.0010	0.00028	mg/Kg			10/13/25 20:03	1
Tetrachloroethene	0.0010	U	0.0010	0.00031	mg/Kg			10/13/25 20:03	1
Toluene	0.0010	U	0.0010	0.00023	mg/Kg			10/13/25 20:03	1
trans-1,2-Dichloroethene	0.0010	U	0.0010	0.00025	mg/Kg			10/13/25 20:03	1
trans-1,3-Dichloropropene	0.0010	U	0.0010	0.00027	mg/Kg			10/13/25 20:03	1
Trichloroethene	0.0010	U	0.0010	0.00032	mg/Kg			10/13/25 20:03	1
Trichlorofluoromethane	0.0010	U	0.0010	0.00041	mg/Kg			10/13/25 20:03	1
Vinyl chloride	0.0010	U	0.0010	0.00055	mg/Kg			10/13/25 20:03	1
Xylenes, Total	0.0020	U	0.0020	0.00017	mg/Kg			10/13/25 20:03	1

Surrogate	*MB %Recovery*	*MB Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,2-Dichloroethane-d4 (Surr)	*105*		*65 - 138*		*10/13/25 20:03*	*1*
4-Bromofluorobenzene	*100*		*71 - 128*		*10/13/25 20:03*	*1*
Dibromofluoromethane (Surr)	*113*		*50 - 150*		*10/13/25 20:03*	*1*
Toluene-d8 (Surr)	*93*		*71 - 126*		*10/13/25 20:03*	*1*

Lab Sample ID: LCS 460-1067954/3
Matrix: Solid
Analysis Batch: 1067954

Client Sample ID: Lab Control Sample
Prep Type: Total/NA

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
1,1,1-Trichloroethane	0.0200	0.0178		mg/Kg		89	78 - 120
1,1,2,2-Tetrachloroethane	0.0200	0.0197		mg/Kg		98	70 - 133
1,1,2-Trichloro-1,2,2-trifluoroethane	0.0200	0.0187		mg/Kg		93	75 - 121
1,1,2-Trichloroethane	0.0200	0.0202		mg/Kg		101	80 - 120
1,1-Dichloroethane	0.0200	0.0176		mg/Kg		88	72 - 120
1,1-Dichloroethene	0.0200	0.0181		mg/Kg		91	76 - 120
1,2,3-Trichlorobenzene	0.0200	0.0207		mg/Kg		103	77 - 137
1,2,4-Trichlorobenzene	0.0200	0.0205		mg/Kg		102	77 - 136
1,2,4-Trimethylbenzene	0.0200	0.0189		mg/Kg		94	75 - 120
1,2-Dibromo-3-Chloropropane	0.0200	0.0184		mg/Kg		92	80 - 124
1,2-Dichlorobenzene	0.0200	0.0210		mg/Kg		105	80 - 120
1,2-Dichloroethane	0.0200	0.0190		mg/Kg		95	70 - 123
1,2-Dichloropropane	0.0200	0.0180		mg/Kg		90	73 - 124
1,3,5-Trimethylbenzene	0.0200	0.0186		mg/Kg		93	70 - 120
1,3-Dichlorobenzene	0.0200	0.0198		mg/Kg		99	80 - 120
1,4-Dichlorobenzene	0.0200	0.0200		mg/Kg		100	80 - 120
2-Butanone (MEK)	0.100	0.113		mg/Kg		113	64 - 128
2-Hexanone	0.100	0.119		mg/Kg		119	75 - 120
4-Methyl-2-pentanone (MIBK)	0.100	0.122	*	mg/Kg		122	80 - 120

Method: 8260D - Volatile Organic Compounds by GC/MS (Continued)

Lab Sample ID: LCS 460-1067954/3
Matrix: Solid
Analysis Batch: 1067954

Client Sample ID: Lab Control Sample
Prep Type: Total/NA

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
Acetone	0.100	0.105		mg/Kg		105	58 - 122
Benzene	0.0200	0.0176		mg/Kg		88	75 - 120
Bromoform	0.0200	0.0192		mg/Kg		96	61 - 125
Bromomethane	0.0200	0.0185		mg/Kg		92	37 - 150
Carbon disulfide	0.0200	0.0169		mg/Kg		85	57 - 133
Carbon tetrachloride	0.0200	0.0169		mg/Kg		84	66 - 127
Chlorobenzene	0.0200	0.0191		mg/Kg		95	80 - 120
Chlorobromomethane	0.0200	0.0212		mg/Kg		106	76 - 127
Chlorodibromomethane	0.0200	0.0189		mg/Kg		94	72 - 120
Chloroethane	0.0200	0.0170		mg/Kg		85	60 - 123
Chloroform	0.0200	0.0184		mg/Kg		92	79 - 126
Chloromethane	0.0200	0.0154		mg/Kg		77	46 - 122
cis-1,2-Dichloroethene	0.0200	0.0195		mg/Kg		97	80 - 123
cis-1,3-Dichloropropene	0.0200	0.0189		mg/Kg		94	75 - 120
Cyclohexane	0.0200	0.0187		mg/Kg		93	65 - 132
Dichlorobromomethane	0.0200	0.0189		mg/Kg		94	77 - 124
Dichlorodifluoromethane	0.0200	0.0152		mg/Kg		76	45 - 129
Ethylbenzene	0.0200	0.0189		mg/Kg		95	80 - 120
Ethylene Dibromide	0.0200	0.0212		mg/Kg		106	79 - 120
Isopropylbenzene	0.0200	0.0186		mg/Kg		93	74 - 120
Methyl acetate	0.0400	0.0341		mg/Kg		85	57 - 120
Methyl tert-butyl ether	0.0200	0.0194		mg/Kg		97	74 - 125
Methylcyclohexane	0.0200	0.0178		mg/Kg		89	66 - 125
Methylene Chloride	0.0200	0.0204		mg/Kg		102	78 - 120
m-Xylene & p-Xylene	0.0200	0.0192		mg/Kg		96	80 - 120
n-Butylbenzene	0.0200	0.0180		mg/Kg		90	72 - 120
N-Propylbenzene	0.0200	0.0187		mg/Kg		93	68 - 120
o-Xylene	0.0200	0.0195		mg/Kg		98	80 - 120
sec-Butylbenzene	0.0200	0.0182		mg/Kg		91	78 - 120
Styrene	0.0200	0.0191		mg/Kg		96	80 - 120
tert-Butylbenzene	0.0200	0.0182		mg/Kg		91	80 - 120
Tetrachloroethene	0.0200	0.0189		mg/Kg		94	73 - 120
Toluene	0.0200	0.0180		mg/Kg		90	80 - 120
trans-1,2-Dichloroethene	0.0200	0.0189		mg/Kg		94	78 - 120
trans-1,3-Dichloropropene	0.0200	0.0188		mg/Kg		94	77 - 120
Trichloroethene	0.0200	0.0188		mg/Kg		94	80 - 120
Trichlorofluoromethane	0.0200	0.0176		mg/Kg		88	61 - 130
Vinyl chloride	0.0200	0.0173		mg/Kg		86	54 - 122
Xylenes, Total	0.0400	0.0388		mg/Kg		97	80 - 120

Surrogate	*LCS %Recovery*	*LCS Qualifier*	*Limits*
1,2-Dichloroethane-d4 (Surr)	*94*		*65 - 138*
4-Bromofluorobenzene	*102*		*71 - 128*
Dibromofluoromethane (Surr)	*96*		*50 - 150*
Toluene-d8 (Surr)	*95*		*71 - 126*

Method: 8260D - Volatile Organic Compounds by GC/MS (Continued)

Lab Sample ID: LCSD 460-1067954/4
Matrix: Solid
Analysis Batch: 1067954

Client Sample ID: Lab Control Sample Dup
Prep Type: Total/NA

Analyte			Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
1,1,1-Trichloroethane			0.0200	0.0195		mg/Kg		97	78 - 120	9	30
1,1,2,2-Tetrachloroethane			0.0200	0.0209		mg/Kg		104	70 - 133	6	30
1,1,2-Trichloro-1,2,2-trifluoroethane			0.0200	0.0206		mg/Kg		103	75 - 121	10	30
1,1,2-Trichloroethane			0.0200	0.0213		mg/Kg		107	80 - 120	5	30
1,1-Dichloroethane			0.0200	0.0193		mg/Kg		96	72 - 120	9	30
1,1-Dichloroethene			0.0200	0.0198		mg/Kg		99	76 - 120	9	30
1,2,3-Trichlorobenzene			0.0200	0.0233		mg/Kg		116	77 - 137	12	30
1,2,4-Trichlorobenzene			0.0200	0.0221		mg/Kg		110	77 - 136	8	30
1,2,4-Trimethylbenzene			0.0200	0.0205		mg/Kg		102	75 - 120	8	30
1,2-Dibromo-3-Chloropropane			0.0200	0.0193		mg/Kg		96	80 - 124	5	30
1,2-Dichlorobenzene			0.0200	0.0229		mg/Kg		114	80 - 120	9	30
1,2-Dichloroethane			0.0200	0.0207		mg/Kg		104	70 - 123	9	30
1,2-Dichloropropane			0.0200	0.0197		mg/Kg		98	73 - 124	9	30
1,3,5-Trimethylbenzene			0.0200	0.0202		mg/Kg		101	70 - 120	8	30
1,3-Dichlorobenzene			0.0200	0.0217		mg/Kg		108	80 - 120	9	30
1,4-Dichlorobenzene			0.0200	0.0218		mg/Kg		109	80 - 120	9	30
2-Butanone (MEK)			0.100	0.118		mg/Kg		118	64 - 128	5	30
2-Hexanone			0.100	0.122	*	mg/Kg		122	75 - 120	2	30
4-Methyl-2-pentanone (MIBK)			0.100	0.125	*	mg/Kg		125	80 - 120	2	30
Acetone			0.100	0.112		mg/Kg		112	58 - 122	6	30
Benzene			0.0200	0.0186		mg/Kg		93	75 - 120	6	30
Bromoform			0.0200	0.0206		mg/Kg		103	61 - 125	7	30
Bromomethane			0.0200	0.0207		mg/Kg		103	37 - 150	11	30
Carbon disulfide			0.0200	0.0190		mg/Kg		95	57 - 133	11	30
Carbon tetrachloride			0.0200	0.0184		mg/Kg		92	66 - 127	9	30
Chlorobenzene			0.0200	0.0206		mg/Kg		103	80 - 120	8	30
Chlorobromomethane			0.0200	0.0226		mg/Kg		113	76 - 127	6	30
Chlorodibromomethane			0.0200	0.0205		mg/Kg		103	72 - 120	8	30
Chloroethane			0.0200	0.0186		mg/Kg		93	60 - 123	9	30
Chloroform			0.0200	0.0201		mg/Kg		100	79 - 126	9	30
Chloromethane			0.0200	0.0171		mg/Kg		85	46 - 122	10	30
cis-1,2-Dichloroethene			0.0200	0.0211		mg/Kg		106	80 - 123	8	30
cis-1,3-Dichloropropene			0.0200	0.0199		mg/Kg		99	75 - 120	5	30
Cyclohexane			0.0200	0.0208		mg/Kg		104	65 - 132	11	30
Dichlorobromomethane			0.0200	0.0208		mg/Kg		104	77 - 124	10	30
Dichlorodifluoromethane			0.0200	0.0177		mg/Kg		88	45 - 129	15	30
Ethylbenzene			0.0200	0.0201		mg/Kg		100	80 - 120	6	30
Ethylene Dibromide			0.0200	0.0221		mg/Kg		111	79 - 120	5	30
Isopropylbenzene			0.0200	0.0197		mg/Kg		98	74 - 120	6	30
Methyl acetate			0.0400	0.0347		mg/Kg		87	57 - 120	2	30
Methyl tert-butyl ether			0.0200	0.0205		mg/Kg		103	74 - 125	6	30
Methylcyclohexane			0.0200	0.0202		mg/Kg		101	66 - 125	13	30
Methylene Chloride			0.0200	0.0218		mg/Kg		109	78 - 120	7	30
m-Xylene & p-Xylene			0.0200	0.0205		mg/Kg		102	80 - 120	6	30
n-Butylbenzene			0.0200	0.0197		mg/Kg		98	72 - 120	9	30
N-Propylbenzene			0.0200	0.0201		mg/Kg		100	68 - 120	7	30
o-Xylene			0.0200	0.0206		mg/Kg		103	80 - 120	6	30
sec-Butylbenzene			0.0200	0.0199		mg/Kg		100	78 - 120	9	30

Method: 8260D - Volatile Organic Compounds by GC/MS (Continued)

Lab Sample ID: LCSD 460-1067954/4
Matrix: Solid
Analysis Batch: 1067954

Client Sample ID: Lab Control Sample Dup
Prep Type: Total/NA

Analyte			Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Styrene			0.0200	0.0202		mg/Kg		101	80 - 120	6	30
tert-Butylbenzene			0.0200	0.0200		mg/Kg		100	80 - 120	9	30
Tetrachloroethene			0.0200	0.0202		mg/Kg		101	73 - 120	7	30
Toluene			0.0200	0.0191		mg/Kg		95	80 - 120	6	30
trans-1,2-Dichloroethene			0.0200	0.0203		mg/Kg		101	78 - 120	7	30
trans-1,3-Dichloropropene			0.0200	0.0200		mg/Kg		100	77 - 120	6	30
Trichloroethene			0.0200	0.0207		mg/Kg		104	80 - 120	10	30
Trichlorofluoromethane			0.0200	0.0198		mg/Kg		99	61 - 130	12	30
Vinyl chloride			0.0200	0.0184		mg/Kg		92	54 - 122	6	30
Xylenes, Total			0.0400	0.0411		mg/Kg		103	80 - 120	6	30

Surrogate	*LCSD %Recovery*	*LCSD Qualifier*	*Limits*
1,2-Dichloroethane-d4 (Surr)	*96*		*65 - 138*
4-Bromofluorobenzene	*106*		*71 - 128*
Dibromofluoromethane (Surr)	*100*		*50 - 150*
Toluene-d8 (Surr)	*95*		*71 - 126*

Lab Sample ID: MB 460-1068499/7
Matrix: Solid
Analysis Batch: 1068499

Client Sample ID: Method Blank
Prep Type: Total/NA

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1-Trichloroethane	0.0010	U	0.0010	0.00023	mg/Kg			10/15/25 16:10	1
1,1,2,2-Tetrachloroethane	0.0010	U	0.0010	0.00052	mg/Kg			10/15/25 16:10	1
1,1,2-Trichloro-1,2,2-trifluoroethane	0.0010	U	0.0010	0.00030	mg/Kg			10/15/25 16:10	1
1,1,2-Trichloroethane	0.0010	U	0.0010	0.00060	mg/Kg			10/15/25 16:10	1
1,1-Dichloroethane	0.0010	U	0.0010	0.00060	mg/Kg			10/15/25 16:10	1
1,1-Dichloroethene	0.0010	U	0.0010	0.00023	mg/Kg			10/15/25 16:10	1
1,2,3-Trichlorobenzene	0.0010	U	0.0010	0.00074	mg/Kg			10/15/25 16:10	1
1,2,4-Trichlorobenzene	0.0010	U	0.0010	0.00036	mg/Kg			10/15/25 16:10	1
1,2,4-Trimethylbenzene	0.0010	U	0.0010	0.00025	mg/Kg			10/15/25 16:10	1
1,2-Dibromo-3-Chloropropane	0.0010	U	0.0010	0.00046	mg/Kg			10/15/25 16:10	1
1,2-Dichlorobenzene	0.0010	U	0.0010	0.00036	mg/Kg			10/15/25 16:10	1
1,2-Dichloroethane	0.0010	U	0.0010	0.00030	mg/Kg			10/15/25 16:10	1
1,2-Dichloropropane	0.0010	U	0.0010	0.00042	mg/Kg			10/15/25 16:10	1
1,3,5-Trimethylbenzene	0.0010	U	0.0010	0.00031	mg/Kg			10/15/25 16:10	1
1,3-Dichlorobenzene	0.0010	U	0.0010	0.00037	mg/Kg			10/15/25 16:10	1
1,4-Dichlorobenzene	0.0010	U	0.0010	0.00052	mg/Kg			10/15/25 16:10	1
2-Butanone (MEK)	0.0050	U	0.0050	0.00037	mg/Kg			10/15/25 16:10	1
2-Hexanone	0.0050	U	0.0050	0.0017	mg/Kg			10/15/25 16:10	1
4-Methyl-2-pentanone (MIBK)	0.0050	U	0.0050	0.0016	mg/Kg			10/15/25 16:10	1
Acetone	0.0060	U	0.0060	0.0057	mg/Kg			10/15/25 16:10	1
Benzene	0.0010	U	0.0010	0.00057	mg/Kg			10/15/25 16:10	1
Bromoform	0.0010	U	0.0010	0.00043	mg/Kg			10/15/25 16:10	1
Bromomethane	0.0020	U	0.0020	0.0010	mg/Kg			10/15/25 16:10	1
Carbon disulfide	0.0010	U	0.0010	0.00027	mg/Kg			10/15/25 16:10	1
Carbon tetrachloride	0.0010	U	0.0010	0.00039	mg/Kg			10/15/25 16:10	1
Chlorobenzene	0.0010	U	0.0010	0.00051	mg/Kg			10/15/25 16:10	1

Method: 8260D - Volatile Organic Compounds by GC/MS (Continued)

Lab Sample ID: MB 460-1068499/7
Matrix: Solid
Analysis Batch: 1068499

Client Sample ID: Method Blank
Prep Type: Total/NA

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chlorobromomethane	0.0010	U	0.0010	0.00060	mg/Kg			10/15/25 16:10	1
Chlorodibromomethane	0.0010	U	0.0010	0.00054	mg/Kg			10/15/25 16:10	1
Chloroethane	0.0010	U	0.0010	0.00052	mg/Kg			10/15/25 16:10	1
Chloroform	0.0010	U	0.0010	0.00097	mg/Kg			10/15/25 16:10	1
Chloromethane	0.0010	U	0.0010	0.00044	mg/Kg			10/15/25 16:10	1
cis-1,2-Dichloroethene	0.0010	U	0.0010	0.00036	mg/Kg			10/15/25 16:10	1
cis-1,3-Dichloropropene	0.0010	U	0.0010	0.00027	mg/Kg			10/15/25 16:10	1
Cyclohexane	0.0010	U	0.0010	0.00022	mg/Kg			10/15/25 16:10	1
Dichlorobromomethane	0.0010	U	0.0010	0.00026	mg/Kg			10/15/25 16:10	1
Dichlorodifluoromethane	0.0010	U	0.0010	0.00034	mg/Kg			10/15/25 16:10	1
Ethylbenzene	0.0010	U	0.0010	0.00047	mg/Kg			10/15/25 16:10	1
Ethylene Dibromide	0.0010	U	0.0010	0.00050	mg/Kg			10/15/25 16:10	1
Isopropylbenzene	0.0010	U	0.0010	0.00029	mg/Kg			10/15/25 16:10	1
Methyl acetate	0.0050	U	0.0050	0.0043	mg/Kg			10/15/25 16:10	1
Methyl tert-butyl ether	0.0010	U	0.0010	0.00051	mg/Kg			10/15/25 16:10	1
Methylcyclohexane	0.0010	U	0.0010	0.00050	mg/Kg			10/15/25 16:10	1
Methylene Chloride	0.0020	U	0.0020	0.0011	mg/Kg			10/15/25 16:10	1
m-Xylene & p-Xylene	0.0010	U	0.0010	0.00042	mg/Kg			10/15/25 16:10	1
n-Butylbenzene	0.0010	U	0.0010	0.00029	mg/Kg			10/15/25 16:10	1
N-Propylbenzene	0.0010	U	0.0010	0.00045	mg/Kg			10/15/25 16:10	1
o-Xylene	0.0010	U	0.0010	0.00046	mg/Kg			10/15/25 16:10	1
sec-Butylbenzene	0.0010	U	0.0010	0.00029	mg/Kg			10/15/25 16:10	1
Styrene	0.0010	U	0.0010	0.00028	mg/Kg			10/15/25 16:10	1
tert-Butylbenzene	0.0010	U	0.0010	0.00028	mg/Kg			10/15/25 16:10	1
Tetrachloroethene	0.0010	U	0.0010	0.00031	mg/Kg			10/15/25 16:10	1
Toluene	0.0010	U	0.0010	0.00023	mg/Kg			10/15/25 16:10	1
trans-1,2-Dichloroethene	0.0010	U	0.0010	0.00025	mg/Kg			10/15/25 16:10	1
trans-1,3-Dichloropropene	0.0010	U	0.0010	0.00027	mg/Kg			10/15/25 16:10	1
Trichloroethene	0.0010	U	0.0010	0.00032	mg/Kg			10/15/25 16:10	1
Trichlorofluoromethane	0.0010	U	0.0010	0.00041	mg/Kg			10/15/25 16:10	1
Vinyl chloride	0.0010	U	0.0010	0.00055	mg/Kg			10/15/25 16:10	1
Xylenes, Total	0.0020	U	0.0020	0.00017	mg/Kg			10/15/25 16:10	1

Surrogate	*MB %Recovery*	*MB Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,2-Dichloroethane-d4 (Surr)	*101*		*65 - 138*		*10/15/25 16:10*	*1*
4-Bromofluorobenzene	*101*		*71 - 128*		*10/15/25 16:10*	*1*
Dibromofluoromethane (Surr)	*98*		*50 - 150*		*10/15/25 16:10*	*1*
Toluene-d8 (Surr)	*95*		*71 - 126*		*10/15/25 16:10*	*1*

Lab Sample ID: LCS 460-1068499/3
Matrix: Solid
Analysis Batch: 1068499

Client Sample ID: Lab Control Sample
Prep Type: Total/NA

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
1,1,1-Trichloroethane	0.0200	0.0180		mg/Kg		90	78 - 120
1,1,2,2-Tetrachloroethane	0.0200	0.0197		mg/Kg		98	70 - 133
1,1,2-Trichloro-1,2,2-trifluoroethane	0.0200	0.0177		mg/Kg		89	75 - 121
1,1,2-Trichloroethane	0.0200	0.0193		mg/Kg		97	80 - 120

Method: 8260D - Volatile Organic Compounds by GC/MS (Continued)

Lab Sample ID: LCS 460-1068499/3
Matrix: Solid
Analysis Batch: 1068499

Client Sample ID: Lab Control Sample
Prep Type: Total/NA

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
1,1-Dichloroethane	0.0200	0.0185		mg/Kg		92	72 - 120
1,1-Dichloroethene	0.0200	0.0181		mg/Kg		91	76 - 120
1,2,3-Trichlorobenzene	0.0200	0.0200		mg/Kg		100	77 - 137
1,2,4-Trichlorobenzene	0.0200	0.0200		mg/Kg		100	77 - 136
1,2,4-Trimethylbenzene	0.0200	0.0188		mg/Kg		94	75 - 120
1,2-Dibromo-3-Chloropropane	0.0200	0.0200		mg/Kg		100	80 - 124
1,2-Dichlorobenzene	0.0200	0.0189		mg/Kg		94	80 - 120
1,2-Dichloroethane	0.0200	0.0196		mg/Kg		98	70 - 123
1,2-Dichloropropane	0.0200	0.0192		mg/Kg		96	73 - 124
1,3,5-Trimethylbenzene	0.0200	0.0183		mg/Kg		91	70 - 120
1,3-Dichlorobenzene	0.0200	0.0189		mg/Kg		94	80 - 120
1,4-Dichlorobenzene	0.0200	0.0184		mg/Kg		92	80 - 120
2-Butanone (MEK)	0.100	0.104		mg/Kg		104	64 - 128
2-Hexanone	0.100	0.107		mg/Kg		107	75 - 120
4-Methyl-2-pentanone (MIBK)	0.100	0.105		mg/Kg		105	80 - 120
Acetone	0.100	0.0893		mg/Kg		89	58 - 122
Benzene	0.0200	0.0183		mg/Kg		91	75 - 120
Bromoform	0.0200	0.0193		mg/Kg		96	61 - 125
Bromomethane	0.0200	0.0197		mg/Kg		98	37 - 150
Carbon disulfide	0.0200	0.0184		mg/Kg		92	57 - 133
Carbon tetrachloride	0.0200	0.0173		mg/Kg		86	66 - 127
Chlorobenzene	0.0200	0.0186		mg/Kg		93	80 - 120
Chlorobromomethane	0.0200	0.0193		mg/Kg		96	76 - 127
Chlorodibromomethane	0.0200	0.0188		mg/Kg		94	72 - 120
Chloroethane	0.0200	0.0182		mg/Kg		91	60 - 123
Chloroform	0.0200	0.0183		mg/Kg		91	79 - 126
Chloromethane	0.0200	0.0191		mg/Kg		96	46 - 122
cis-1,2-Dichloroethene	0.0200	0.0185		mg/Kg		93	80 - 123
cis-1,3-Dichloropropene	0.0200	0.0194		mg/Kg		97	75 - 120
Cyclohexane	0.0200	0.0179		mg/Kg		89	65 - 132
Dichlorobromomethane	0.0200	0.0194		mg/Kg		97	77 - 124
Dichlorodifluoromethane	0.0200	0.0182		mg/Kg		91	45 - 129
Ethylbenzene	0.0200	0.0180		mg/Kg		90	80 - 120
Ethylene Dibromide	0.0200	0.0196		mg/Kg		98	79 - 120
Isopropylbenzene	0.0200	0.0183		mg/Kg		91	74 - 120
Methyl acetate	0.0400	0.0415		mg/Kg		104	57 - 120
Methyl tert-butyl ether	0.0200	0.0194		mg/Kg		97	74 - 125
Methylcyclohexane	0.0200	0.0178		mg/Kg		89	66 - 125
Methylene Chloride	0.0200	0.0183		mg/Kg		92	78 - 120
m-Xylene & p-Xylene	0.0200	0.0181		mg/Kg		90	80 - 120
n-Butylbenzene	0.0200	0.0184		mg/Kg		92	72 - 120
N-Propylbenzene	0.0200	0.0178		mg/Kg		89	68 - 120
o-Xylene	0.0200	0.0189		mg/Kg		95	80 - 120
sec-Butylbenzene	0.0200	0.0184		mg/Kg		92	78 - 120
Styrene	0.0200	0.0180		mg/Kg		90	80 - 120
tert-Butylbenzene	0.0200	0.0179		mg/Kg		90	80 - 120
Tetrachloroethene	0.0200	0.0178		mg/Kg		89	73 - 120
Toluene	0.0200	0.0181		mg/Kg		90	80 - 120
trans-1,2-Dichloroethene	0.0200	0.0180		mg/Kg		90	78 - 120

Method: 8260D - Volatile Organic Compounds by GC/MS (Continued)

Lab Sample ID: LCS 460-1068499/3
Matrix: Solid
Analysis Batch: 1068499

Client Sample ID: Lab Control Sample
Prep Type: Total/NA

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
trans-1,3-Dichloropropene	0.0200	0.0191		mg/Kg		96	77 - 120
Trichloroethene	0.0200	0.0182		mg/Kg		91	80 - 120
Trichlorofluoromethane	0.0200	0.0175		mg/Kg		87	61 - 130
Vinyl chloride	0.0200	0.0181		mg/Kg		90	54 - 122
Xylenes, Total	0.0400	0.0370		mg/Kg		92	80 - 120

Surrogate	*LCS %Recovery*	*LCS Qualifier*	*Limits*
1,2-Dichloroethane-d4 (Surr)	*98*		*65 - 138*
4-Bromofluorobenzene	*94*		*71 - 128*
Dibromofluoromethane (Surr)	*96*		*50 - 150*
Toluene-d8 (Surr)	*94*		*71 - 126*

Lab Sample ID: LCSD 460-1068499/4
Matrix: Solid
Analysis Batch: 1068499

Client Sample ID: Lab Control Sample Dup
Prep Type: Total/NA

Analyte	Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
1,1,1-Trichloroethane	0.0200	0.0187		mg/Kg		93	78 - 120	4	30
1,1,2,2-Tetrachloroethane	0.0200	0.0190		mg/Kg		95	70 - 133	3	30
1,1,2-Trichloro-1,2,2-trifluoroethane	0.0200	0.0190		mg/Kg		95	75 - 121	7	30
1,1,2-Trichloroethane	0.0200	0.0185		mg/Kg		92	80 - 120	4	30
1,1-Dichloroethane	0.0200	0.0187		mg/Kg		93	72 - 120	1	30
1,1-Dichloroethene	0.0200	0.0187		mg/Kg		93	76 - 120	3	30
1,2,3-Trichlorobenzene	0.0200	0.0200		mg/Kg		100	77 - 137	0	30
1,2,4-Trichlorobenzene	0.0200	0.0194		mg/Kg		97	77 - 136	3	30
1,2,4-Trimethylbenzene	0.0200	0.0192		mg/Kg		96	75 - 120	2	30
1,2-Dibromo-3-Chloropropane	0.0200	0.0190		mg/Kg		95	80 - 124	5	30
1,2-Dichlorobenzene	0.0200	0.0189		mg/Kg		95	80 - 120	0	30
1,2-Dichloroethane	0.0200	0.0195		mg/Kg		97	70 - 123	1	30
1,2-Dichloropropane	0.0200	0.0189		mg/Kg		95	73 - 124	2	30
1,3,5-Trimethylbenzene	0.0200	0.0185		mg/Kg		93	70 - 120	1	30
1,3-Dichlorobenzene	0.0200	0.0190		mg/Kg		95	80 - 120	1	30
1,4-Dichlorobenzene	0.0200	0.0187		mg/Kg		94	80 - 120	2	30
2-Butanone (MEK)	0.100	0.0946		mg/Kg		95	64 - 128	10	30
2-Hexanone	0.100	0.102		mg/Kg		102	75 - 120	5	30
4-Methyl-2-pentanone (MIBK)	0.100	0.101		mg/Kg		101	80 - 120	4	30
Acetone	0.100	0.0842		mg/Kg		84	58 - 122	6	30
Benzene	0.0200	0.0184		mg/Kg		92	75 - 120	0	30
Bromoform	0.0200	0.0193		mg/Kg		96	61 - 125	0	30
Bromomethane	0.0200	0.0199		mg/Kg		99	37 - 150	1	30
Carbon disulfide	0.0200	0.0191		mg/Kg		96	57 - 133	4	30
Carbon tetrachloride	0.0200	0.0187		mg/Kg		93	66 - 127	8	30
Chlorobenzene	0.0200	0.0184		mg/Kg		92	80 - 120	1	30
Chlorobromomethane	0.0200	0.0190		mg/Kg		95	76 - 127	1	30
Chlorodibromomethane	0.0200	0.0185		mg/Kg		93	72 - 120	1	30
Chloroethane	0.0200	0.0189		mg/Kg		94	60 - 123	3	30
Chloroform	0.0200	0.0184		mg/Kg		92	79 - 126	1	30
Chloromethane	0.0200	0.0196		mg/Kg		98	46 - 122	2	30

Method: 8260D - Volatile Organic Compounds by GC/MS (Continued)

Lab Sample ID: LCSD 460-1068499/4
Matrix: Solid
Analysis Batch: 1068499

Client Sample ID: Lab Control Sample Dup
Prep Type: Total/NA

Analyte	Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
cis-1,2-Dichloroethene	0.0200	0.0180		mg/Kg		90	80 - 123	3	30
cis-1,3-Dichloropropene	0.0200	0.0189		mg/Kg		94	75 - 120	3	30
Cyclohexane	0.0200	0.0190		mg/Kg		95	65 - 132	6	30
Dichlorobromomethane	0.0200	0.0189		mg/Kg		95	77 - 124	3	30
Dichlorodifluoromethane	0.0200	0.0209		mg/Kg		105	45 - 129	14	30
Ethylbenzene	0.0200	0.0185		mg/Kg		93	80 - 120	3	30
Ethylene Dibromide	0.0200	0.0195		mg/Kg		97	79 - 120	1	30
Isopropylbenzene	0.0200	0.0187		mg/Kg		94	74 - 120	2	30
Methyl acetate	0.0400	0.0403		mg/Kg		101	57 - 120	3	30
Methyl tert-butyl ether	0.0200	0.0191		mg/Kg		96	74 - 125	2	30
Methylcyclohexane	0.0200	0.0193		mg/Kg		96	66 - 125	8	30
Methylene Chloride	0.0200	0.0183		mg/Kg		92	78 - 120	0	30
m-Xylene & p-Xylene	0.0200	0.0184		mg/Kg		92	80 - 120	2	30
n-Butylbenzene	0.0200	0.0190		mg/Kg		95	72 - 120	3	30
N-Propylbenzene	0.0200	0.0182		mg/Kg		91	68 - 120	2	30
o-Xylene	0.0200	0.0189		mg/Kg		95	80 - 120	0	30
sec-Butylbenzene	0.0200	0.0195		mg/Kg		97	78 - 120	6	30
Styrene	0.0200	0.0180		mg/Kg		90	80 - 120	0	30
tert-Butylbenzene	0.0200	0.0187		mg/Kg		93	80 - 120	4	30
Tetrachloroethene	0.0200	0.0187		mg/Kg		93	73 - 120	5	30
Toluene	0.0200	0.0181		mg/Kg		91	80 - 120	0	30
trans-1,2-Dichloroethene	0.0200	0.0188		mg/Kg		94	78 - 120	5	30
trans-1,3-Dichloropropene	0.0200	0.0187		mg/Kg		94	77 - 120	2	30
Trichloroethene	0.0200	0.0182		mg/Kg		91	80 - 120	0	30
Trichlorofluoromethane	0.0200	0.0200		mg/Kg		100	61 - 130	13	30
Vinyl chloride	0.0200	0.0192		mg/Kg		96	54 - 122	6	30
Xylenes, Total	0.0400	0.0373		mg/Kg		93	80 - 120	1	30

Surrogate	*LCSD %Recovery*	*LCSD Qualifier*	*Limits*
1,2-Dichloroethane-d4 (Surr)	*97*		*65 - 138*
4-Bromofluorobenzene	*92*		*71 - 128*
Dibromofluoromethane (Surr)	*93*		*50 - 150*
Toluene-d8 (Surr)	*92*		*71 - 126*

Lab Sample ID: MB 460-1069414/7
Matrix: Solid
Analysis Batch: 1069414

Client Sample ID: Method Blank
Prep Type: Total/NA

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1-Trichloroethane	0.0010	U	0.0010	0.00023	mg/Kg			10/20/25 08:06	1
1,1,2,2-Tetrachloroethane	0.0010	U	0.0010	0.00052	mg/Kg			10/20/25 08:06	1
1,1,2-Trichloro-1,2,2-trifluoroethane	0.0010	U	0.0010	0.00030	mg/Kg			10/20/25 08:06	1
1,1,2-Trichloroethane	0.0010	U	0.0010	0.00060	mg/Kg			10/20/25 08:06	1
1,1-Dichloroethane	0.0010	U	0.0010	0.00060	mg/Kg			10/20/25 08:06	1
1,1-Dichloroethene	0.0010	U	0.0010	0.00023	mg/Kg			10/20/25 08:06	1
1,2,3-Trichlorobenzene	0.0010	U	0.0010	0.00074	mg/Kg			10/20/25 08:06	1
1,2,4-Trichlorobenzene	0.0010	U	0.0010	0.00036	mg/Kg			10/20/25 08:06	1
1,2,4-Trimethylbenzene	0.0010	U	0.0010	0.00025	mg/Kg			10/20/25 08:06	1

Method: 8260D - Volatile Organic Compounds by GC/MS (Continued)

Lab Sample ID: MB 460-1069414/7
Matrix: Solid
Analysis Batch: 1069414

Client Sample ID: Method Blank
Prep Type: Total/NA

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,2-Dibromo-3-Chloropropane	0.0010	U	0.0010	0.00046	mg/Kg			10/20/25 08:06	1
1,2-Dichlorobenzene	0.0010	U	0.0010	0.00036	mg/Kg			10/20/25 08:06	1
1,2-Dichloroethane	0.0010	U	0.0010	0.00030	mg/Kg			10/20/25 08:06	1
1,2-Dichloropropane	0.0010	U	0.0010	0.00042	mg/Kg			10/20/25 08:06	1
1,3,5-Trimethylbenzene	0.0010	U	0.0010	0.00031	mg/Kg			10/20/25 08:06	1
1,3-Dichlorobenzene	0.0010	U	0.0010	0.00037	mg/Kg			10/20/25 08:06	1
1,4-Dichlorobenzene	0.0010	U	0.0010	0.00052	mg/Kg			10/20/25 08:06	1
2-Butanone (MEK)	0.0050	U	0.0050	0.00037	mg/Kg			10/20/25 08:06	1
2-Hexanone	0.0050	U	0.0050	0.0017	mg/Kg			10/20/25 08:06	1
4-Methyl-2-pentanone (MIBK)	0.0050	U	0.0050	0.0016	mg/Kg			10/20/25 08:06	1
Acetone	0.0060	U	0.0060	0.0057	mg/Kg			10/20/25 08:06	1
Benzene	0.0010	U	0.0010	0.00057	mg/Kg			10/20/25 08:06	1
Bromoform	0.0010	U	0.0010	0.00043	mg/Kg			10/20/25 08:06	1
Bromomethane	0.0020	U	0.0020	0.0010	mg/Kg			10/20/25 08:06	1
Carbon disulfide	0.0010	U	0.0010	0.00027	mg/Kg			10/20/25 08:06	1
Carbon tetrachloride	0.0010	U	0.0010	0.00039	mg/Kg			10/20/25 08:06	1
Chlorobenzene	0.0010	U	0.0010	0.00051	mg/Kg			10/20/25 08:06	1
Chlorobromomethane	0.0010	U	0.0010	0.00060	mg/Kg			10/20/25 08:06	1
Chlorodibromomethane	0.0010	U	0.0010	0.00054	mg/Kg			10/20/25 08:06	1
Chloroethane	0.0010	U	0.0010	0.00052	mg/Kg			10/20/25 08:06	1
Chloroform	0.0010	U	0.0010	0.00097	mg/Kg			10/20/25 08:06	1
Chloromethane	0.0010	U	0.0010	0.00044	mg/Kg			10/20/25 08:06	1
cis-1,2-Dichloroethene	0.0010	U	0.0010	0.00036	mg/Kg			10/20/25 08:06	1
cis-1,3-Dichloropropene	0.0010	U	0.0010	0.00027	mg/Kg			10/20/25 08:06	1
Cyclohexane	0.0010	U	0.0010	0.00022	mg/Kg			10/20/25 08:06	1
Dichlorobromomethane	0.0010	U	0.0010	0.00026	mg/Kg			10/20/25 08:06	1
Dichlorodifluoromethane	0.0010	U	0.0010	0.00034	mg/Kg			10/20/25 08:06	1
Ethylbenzene	0.0010	U	0.0010	0.00047	mg/Kg			10/20/25 08:06	1
Ethylene Dibromide	0.0010	U	0.0010	0.00050	mg/Kg			10/20/25 08:06	1
Isopropylbenzene	0.0010	U	0.0010	0.00029	mg/Kg			10/20/25 08:06	1
Methyl acetate	0.0050	U	0.0050	0.0043	mg/Kg			10/20/25 08:06	1
Methyl tert-butyl ether	0.0010	U	0.0010	0.00051	mg/Kg			10/20/25 08:06	1
Methylcyclohexane	0.0010	U	0.0010	0.00050	mg/Kg			10/20/25 08:06	1
Methylene Chloride	0.0020	U	0.0020	0.0011	mg/Kg			10/20/25 08:06	1
m-Xylene & p-Xylene	0.0010	U	0.0010	0.00042	mg/Kg			10/20/25 08:06	1
n-Butylbenzene	0.0010	U	0.0010	0.00029	mg/Kg			10/20/25 08:06	1
N-Propylbenzene	0.0010	U	0.0010	0.00045	mg/Kg			10/20/25 08:06	1
o-Xylene	0.0010	U	0.0010	0.00046	mg/Kg			10/20/25 08:06	1
sec-Butylbenzene	0.0010	U	0.0010	0.00029	mg/Kg			10/20/25 08:06	1
Styrene	0.0010	U	0.0010	0.00028	mg/Kg			10/20/25 08:06	1
tert-Butylbenzene	0.0010	U	0.0010	0.00028	mg/Kg			10/20/25 08:06	1
Tetrachloroethene	0.0010	U	0.0010	0.00031	mg/Kg			10/20/25 08:06	1
Toluene	0.0010	U	0.0010	0.00023	mg/Kg			10/20/25 08:06	1
trans-1,2-Dichloroethene	0.0010	U	0.0010	0.00025	mg/Kg			10/20/25 08:06	1
trans-1,3-Dichloropropene	0.0010	U	0.0010	0.00027	mg/Kg			10/20/25 08:06	1
Trichloroethene	0.0010	U	0.0010	0.00032	mg/Kg			10/20/25 08:06	1
Trichlorofluoromethane	0.0010	U	0.0010	0.00041	mg/Kg			10/20/25 08:06	1
Vinyl chloride	0.0010	U	0.0010	0.00055	mg/Kg			10/20/25 08:06	1
Xylenes, Total	0.0020	U	0.0020	0.00017	mg/Kg			10/20/25 08:06	1

Method: 8260D - Volatile Organic Compounds by GC/MS (Continued)

Surrogate	MB %Recovery	MB Qualifier	Limits	Prepared	Analyzed	Dil Fac
1,2-Dichloroethane-d4 (Surr)	98		65 - 138		10/20/25 08:06	1
4-Bromofluorobenzene	118		71 - 128		10/20/25 08:06	1
Dibromofluoromethane (Surr)	94		50 - 150		10/20/25 08:06	1
Toluene-d8 (Surr)	107		71 - 126		10/20/25 08:06	1

Lab Sample ID: LCS 460-1069414/3
Matrix: Solid
Analysis Batch: 1069414

Client Sample ID: Lab Control Sample
Prep Type: Total/NA

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
1,1,1-Trichloroethane	0.0200	0.0193		mg/Kg		96	78 - 120
1,1,2,2-Tetrachloroethane	0.0200	0.0222		mg/Kg		111	70 - 133
1,1,2-Trichloro-1,2,2-trifluoroethane	0.0200	0.0190		mg/Kg		95	75 - 121
1,1,2-Trichloroethane	0.0200	0.0203		mg/Kg		102	80 - 120
1,1-Dichloroethane	0.0200	0.0185		mg/Kg		93	72 - 120
1,1-Dichloroethene	0.0200	0.0196		mg/Kg		98	76 - 120
1,2,3-Trichlorobenzene	0.0200	0.0238		mg/Kg		119	77 - 137
1,2,4-Trichlorobenzene	0.0200	0.0244		mg/Kg		122	77 - 136
1,2,4-Trimethylbenzene	0.0200	0.0239		mg/Kg		120	75 - 120
1,2-Dibromo-3-Chloropropane	0.0200	0.0219		mg/Kg		109	80 - 124
1,2-Dichlorobenzene	0.0200	0.0226		mg/Kg		113	80 - 120
1,2-Dichloroethane	0.0200	0.0184		mg/Kg		92	70 - 123
1,2-Dichloropropane	0.0200	0.0180		mg/Kg		90	73 - 124
1,3,5-Trimethylbenzene	0.0200	0.0235		mg/Kg		117	70 - 120
1,3-Dichlorobenzene	0.0200	0.0241	*	mg/Kg		121	80 - 120
1,4-Dichlorobenzene	0.0200	0.0232		mg/Kg		116	80 - 120
2-Butanone (MEK)	0.100	0.0947		mg/Kg		95	64 - 128
2-Hexanone	0.100	0.0967		mg/Kg		97	75 - 120
4-Methyl-2-pentanone (MIBK)	0.100	0.0941		mg/Kg		94	80 - 120
Acetone	0.100	0.0835		mg/Kg		84	58 - 122
Benzene	0.0200	0.0213		mg/Kg		107	75 - 120
Bromoform	0.0200	0.0208		mg/Kg		104	61 - 125
Bromomethane	0.0200	0.0164		mg/Kg		82	37 - 150
Carbon disulfide	0.0200	0.0206		mg/Kg		103	57 - 133
Carbon tetrachloride	0.0200	0.0193		mg/Kg		97	66 - 127
Chlorobenzene	0.0200	0.0211		mg/Kg		105	80 - 120
Chlorobromomethane	0.0200	0.0178		mg/Kg		89	76 - 127
Chlorodibromomethane	0.0200	0.0209		mg/Kg		104	72 - 120
Chloroethane	0.0200	0.0150		mg/Kg		75	60 - 123
Chloroform	0.0200	0.0183		mg/Kg		91	79 - 126
Chloromethane	0.0200	0.0144		mg/Kg		72	46 - 122
cis-1,2-Dichloroethene	0.0200	0.0182		mg/Kg		91	80 - 123
cis-1,3-Dichloropropene	0.0200	0.0214		mg/Kg		107	75 - 120
Cyclohexane	0.0200	0.0199		mg/Kg		100	65 - 132
Dichlorobromomethane	0.0200	0.0181		mg/Kg		90	77 - 124
Dichlorodifluoromethane	0.0200	0.0167		mg/Kg		84	45 - 129
Ethylbenzene	0.0200	0.0214		mg/Kg		107	80 - 120
Ethylene Dibromide	0.0200	0.0212		mg/Kg		106	79 - 120
Isopropylbenzene	0.0200	0.0222		mg/Kg		111	74 - 120
Methyl acetate	0.0400	0.0358		mg/Kg		90	57 - 120
Methyl tert-butyl ether	0.0200	0.0174		mg/Kg		87	74 - 125

Method: 8260D - Volatile Organic Compounds by GC/MS (Continued)

Lab Sample ID: LCS 460-1069414/3
Matrix: Solid
Analysis Batch: 1069414

Client Sample ID: Lab Control Sample
Prep Type: Total/NA

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
Methylcyclohexane	0.0200	0.0208		mg/Kg		104	66 - 125
Methylene Chloride	0.0200	0.0178		mg/Kg		89	78 - 120
m-Xylene & p-Xylene	0.0200	0.0216		mg/Kg		108	80 - 120
n-Butylbenzene	0.0200	0.0242	*	mg/Kg		121	72 - 120
N-Propylbenzene	0.0200	0.0237		mg/Kg		118	68 - 120
o-Xylene	0.0200	0.0222		mg/Kg		111	80 - 120
sec-Butylbenzene	0.0200	0.0250	*	mg/Kg		125	78 - 120
Styrene	0.0200	0.0208		mg/Kg		104	80 - 120
tert-Butylbenzene	0.0200	0.0237		mg/Kg		119	80 - 120
Tetrachloroethene	0.0200	0.0229		mg/Kg		115	73 - 120
Toluene	0.0200	0.0217		mg/Kg		108	80 - 120
trans-1,2-Dichloroethene	0.0200	0.0190		mg/Kg		95	78 - 120
trans-1,3-Dichloropropene	0.0200	0.0213		mg/Kg		106	77 - 120
Trichloroethene	0.0200	0.0195		mg/Kg		97	80 - 120
Trichlorofluoromethane	0.0200	0.0165		mg/Kg		82	61 - 130
Vinyl chloride	0.0200	0.0153		mg/Kg		76	54 - 122
Xylenes, Total	0.0400	0.0438		mg/Kg		109	80 - 120

Surrogate	*LCS %Recovery*	*LCS Qualifier*	*Limits*
1,2-Dichloroethane-d4 (Surr)	*97*		*65 - 138*
4-Bromofluorobenzene	*116*		*71 - 128*
Dibromofluoromethane (Surr)	*94*		*50 - 150*
Toluene-d8 (Surr)	*107*		*71 - 126*

Lab Sample ID: LCSD 460-1069414/4
Matrix: Solid
Analysis Batch: 1069414

Client Sample ID: Lab Control Sample Dup
Prep Type: Total/NA

Analyte	Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
1,1,1-Trichloroethane	0.0200	0.0185		mg/Kg		93	78 - 120	4	30
1,1,2,2-Tetrachloroethane	0.0200	0.0216		mg/Kg		108	70 - 133	3	30
1,1,2-Trichloro-1,2,2-trifluoroethane	0.0200	0.0183		mg/Kg		92	75 - 121	4	30
1,1,2-Trichloroethane	0.0200	0.0196		mg/Kg		98	80 - 120	4	30
1,1-Dichloroethane	0.0200	0.0180		mg/Kg		90	72 - 120	3	30
1,1-Dichloroethene	0.0200	0.0186		mg/Kg		93	76 - 120	5	30
1,2,3-Trichlorobenzene	0.0200	0.0234		mg/Kg		117	77 - 137	2	30
1,2,4-Trichlorobenzene	0.0200	0.0234		mg/Kg		117	77 - 136	4	30
1,2,4-Trimethylbenzene	0.0200	0.0232		mg/Kg		116	75 - 120	3	30
1,2-Dibromo-3-Chloropropane	0.0200	0.0233		mg/Kg		116	80 - 124	6	30
1,2-Dichlorobenzene	0.0200	0.0219		mg/Kg		109	80 - 120	3	30
1,2-Dichloroethane	0.0200	0.0175		mg/Kg		87	70 - 123	5	30
1,2-Dichloropropane	0.0200	0.0175		mg/Kg		88	73 - 124	3	30
1,3,5-Trimethylbenzene	0.0200	0.0230		mg/Kg		115	70 - 120	2	30
1,3-Dichlorobenzene	0.0200	0.0228		mg/Kg		114	80 - 120	6	30
1,4-Dichlorobenzene	0.0200	0.0219		mg/Kg		110	80 - 120	6	30
2-Butanone (MEK)	0.100	0.0911		mg/Kg		91	64 - 128	4	30
2-Hexanone	0.100	0.0948		mg/Kg		95	75 - 120	2	30
4-Methyl-2-pentanone (MIBK)	0.100	0.0921		mg/Kg		92	80 - 120	2	30

Method: 8260D - Volatile Organic Compounds by GC/MS (Continued)

Lab Sample ID: LCSD 460-1069414/4
Matrix: Solid
Analysis Batch: 1069414

Client Sample ID: Lab Control Sample Dup
Prep Type: Total/NA

Analyte			Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Acetone			0.100	0.0819		mg/Kg		82	58 - 122	2	30
Benzene			0.0200	0.0205		mg/Kg		103	75 - 120	4	30
Bromoform			0.0200	0.0201		mg/Kg		100	61 - 125	3	30
Bromomethane			0.0200	0.0145		mg/Kg		72	37 - 150	13	30
Carbon disulfide			0.0200	0.0198		mg/Kg		99	57 - 133	4	30
Carbon tetrachloride			0.0200	0.0187		mg/Kg		93	66 - 127	3	30
Chlorobenzene			0.0200	0.0204		mg/Kg		102	80 - 120	3	30
Chlorobromomethane			0.0200	0.0175		mg/Kg		88	76 - 127	1	30
Chlorodibromomethane			0.0200	0.0198		mg/Kg		99	72 - 120	5	30
Chloroethane			0.0200	0.0132		mg/Kg		66	60 - 123	13	30
Chloroform			0.0200	0.0173		mg/Kg		87	79 - 126	6	30
Chloromethane			0.0200	0.0130		mg/Kg		65	46 - 122	10	30
cis-1,2-Dichloroethene			0.0200	0.0175		mg/Kg		87	80 - 123	4	30
cis-1,3-Dichloropropene			0.0200	0.0205		mg/Kg		102	75 - 120	5	30
Cyclohexane			0.0200	0.0195		mg/Kg		97	65 - 132	2	30
Dichlorobromomethane			0.0200	0.0174		mg/Kg		87	77 - 124	4	30
Dichlorodifluoromethane			0.0200	0.0149		mg/Kg		74	45 - 129	12	30
Ethylbenzene			0.0200	0.0205		mg/Kg		103	80 - 120	4	30
Ethylene Dibromide			0.0200	0.0205		mg/Kg		103	79 - 120	3	30
Isopropylbenzene			0.0200	0.0215		mg/Kg		108	74 - 120	3	30
Methyl acetate			0.0400	0.0349		mg/Kg		87	57 - 120	3	30
Methyl tert-butyl ether			0.0200	0.0168		mg/Kg		84	74 - 125	4	30
Methylcyclohexane			0.0200	0.0196		mg/Kg		98	66 - 125	6	30
Methylene Chloride			0.0200	0.0168		mg/Kg		84	78 - 120	6	30
m-Xylene & p-Xylene			0.0200	0.0208		mg/Kg		104	80 - 120	4	30
n-Butylbenzene			0.0200	0.0236		mg/Kg		118	72 - 120	3	30
N-Propylbenzene			0.0200	0.0227		mg/Kg		113	68 - 120	4	30
o-Xylene			0.0200	0.0206		mg/Kg		103	80 - 120	7	30
sec-Butylbenzene			0.0200	0.0240		mg/Kg		120	78 - 120	4	30
Styrene			0.0200	0.0200		mg/Kg		100	80 - 120	4	30
tert-Butylbenzene			0.0200	0.0229		mg/Kg		114	80 - 120	4	30
Tetrachloroethene			0.0200	0.0216		mg/Kg		108	73 - 120	6	30
Toluene			0.0200	0.0205		mg/Kg		103	80 - 120	5	30
trans-1,2-Dichloroethene			0.0200	0.0184		mg/Kg		92	78 - 120	3	30
trans-1,3-Dichloropropene			0.0200	0.0205		mg/Kg		102	77 - 120	4	30
Trichloroethene			0.0200	0.0185		mg/Kg		93	80 - 120	5	30
Trichlorofluoromethane			0.0200	0.0146		mg/Kg		73	61 - 130	12	30
Vinyl chloride			0.0200	0.0134		mg/Kg		67	54 - 122	13	30
Xylenes, Total			0.0400	0.0414		mg/Kg		104	80 - 120	6	30

Surrogate	*LCSD %Recovery*	*LCSD Qualifier*	*Limits*
1,2-Dichloroethane-d4 (Surr)	*96*		*65 - 138*
4-Bromofluorobenzene	*113*		*71 - 128*
Dibromofluoromethane (Surr)	*90*		*50 - 150*
Toluene-d8 (Surr)	*105*		*71 - 126*

Method: 8270E - Semivolatile Organic Compounds (GC/MS)

Lab Sample ID: MB 460-1067577/1-A
Matrix: Solid
Analysis Batch: 1067635

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 1067577

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1'-Biphenyl	0.33	U	0.33	0.012	mg/Kg		10/11/25 07:01	10/11/25 15:06	1
1,2,4,5-Tetrachlorobenzene	0.33	U	0.33	0.010	mg/Kg		10/11/25 07:01	10/11/25 15:06	1
1,4-Dioxane	0.033	U	0.033	0.029	mg/Kg		10/11/25 07:01	10/11/25 15:06	1
2,2'-oxybis[1-chloropropane]	0.33	U	0.33	0.020	mg/Kg		10/11/25 07:01	10/11/25 15:06	1
2,3,4,6-Tetrachlorophenol	0.33	U	0.33	0.022	mg/Kg		10/11/25 07:01	10/11/25 15:06	1
2,4,5-Trichlorophenol	0.33	U	0.33	0.034	mg/Kg		10/11/25 07:01	10/11/25 15:06	1
2,4,6-Trichlorophenol	0.13	U	0.13	0.042	mg/Kg		10/11/25 07:01	10/11/25 15:06	1
2,4-Dichlorophenol	0.13	U	0.13	0.021	mg/Kg		10/11/25 07:01	10/11/25 15:06	1
2,4-Dimethylphenol	0.33	U	0.33	0.039	mg/Kg		10/11/25 07:01	10/11/25 15:06	1
2,4-Dinitrophenol	0.27	U	0.27	0.16	mg/Kg		10/11/25 07:01	10/11/25 15:06	1
2,4-Dinitrotoluene	0.067	U	0.067	0.036	mg/Kg		10/11/25 07:01	10/11/25 15:06	1
2,6-Dinitrotoluene	0.067	U	0.067	0.024	mg/Kg		10/11/25 07:01	10/11/25 15:06	1
2-Chloronaphthalene	0.33	U	0.33	0.043	mg/Kg		10/11/25 07:01	10/11/25 15:06	1
2-Chlorophenol	0.33	U	0.33	0.012	mg/Kg		10/11/25 07:01	10/11/25 15:06	1
2-Methylnaphthalene	0.33	U	0.33	0.0093	mg/Kg		10/11/25 07:01	10/11/25 15:06	1
2-Methylphenol	0.33	U	0.33	0.012	mg/Kg		10/11/25 07:01	10/11/25 15:06	1
2-Nitroaniline	0.33	U	0.33	0.025	mg/Kg		10/11/25 07:01	10/11/25 15:06	1
2-Nitrophenol	0.33	U	0.33	0.033	mg/Kg		10/11/25 07:01	10/11/25 15:06	1
3 & 4 Methylphenol	0.33	U	0.33	0.021	mg/Kg		10/11/25 07:01	10/11/25 15:06	1
3,3'-Dichlorobenzidine	0.13	U	0.13	0.050	mg/Kg		10/11/25 07:01	10/11/25 15:06	1
3-Nitroaniline	0.33	U	0.33	0.079	mg/Kg		10/11/25 07:01	10/11/25 15:06	1
4,6-Dinitro-2-methylphenol	0.27	U	0.27	0.14	mg/Kg		10/11/25 07:01	10/11/25 15:06	1
4-Bromophenyl phenyl ether	0.33	U	0.33	0.013	mg/Kg		10/11/25 07:01	10/11/25 15:06	1
4-Chloro-3-methylphenol	0.33	U	0.33	0.019	mg/Kg		10/11/25 07:01	10/11/25 15:06	1
4-Chloroaniline	0.33	U	0.33	0.059	mg/Kg		10/11/25 07:01	10/11/25 15:06	1
4-Chlorophenyl phenyl ether	0.33	U	0.33	0.012	mg/Kg		10/11/25 07:01	10/11/25 15:06	1
4-Methylphenol	0.33	U	0.33	0.021	mg/Kg		10/11/25 07:01	10/11/25 15:06	1
4-Nitroaniline	0.33	U	0.33	0.084	mg/Kg		10/11/25 07:01	10/11/25 15:06	1
4-Nitrophenol	0.67	U	0.67	0.054	mg/Kg		10/11/25 07:01	10/11/25 15:06	1
Acenaphthene	0.33	U	0.33	0.0094	mg/Kg		10/11/25 07:01	10/11/25 15:06	1
Acenaphthylene	0.33	U	0.33	0.0095	mg/Kg		10/11/25 07:01	10/11/25 15:06	1
Acetophenone	0.33	U	0.33	0.016	mg/Kg		10/11/25 07:01	10/11/25 15:06	1
Anthracene	0.33	U	0.33	0.010	mg/Kg		10/11/25 07:01	10/11/25 15:06	1
Atrazine	0.13	U	0.13	0.019	mg/Kg		10/11/25 07:01	10/11/25 15:06	1
Benzaldehyde	0.33	U	0.33	0.055	mg/Kg		10/11/25 07:01	10/11/25 15:06	1
Benzo[a]anthracene	0.033	U	0.033	0.025	mg/Kg		10/11/25 07:01	10/11/25 15:06	1
Benzo[a]pyrene	0.033	U	0.033	0.0088	mg/Kg		10/11/25 07:01	10/11/25 15:06	1
Benzo[b]fluoranthene	0.033	U	0.033	0.0086	mg/Kg		10/11/25 07:01	10/11/25 15:06	1
Benzo[g,h,i]perylene	0.33	U	0.33	0.0098	mg/Kg		10/11/25 07:01	10/11/25 15:06	1
Benzo[k]fluoranthene	0.033	U	0.033	0.0065	mg/Kg		10/11/25 07:01	10/11/25 15:06	1
Bis(2-chloroethoxy)methane	0.33	U	0.33	0.061	mg/Kg		10/11/25 07:01	10/11/25 15:06	1
Bis(2-chloroethyl)ether	0.033	U	0.033	0.012	mg/Kg		10/11/25 07:01	10/11/25 15:06	1
Bis(2-ethylhexyl) phthalate	0.33	U	0.33	0.017	mg/Kg		10/11/25 07:01	10/11/25 15:06	1
Butyl benzyl phthalate	0.33	U	0.33	0.016	mg/Kg		10/11/25 07:01	10/11/25 15:06	1
Caprolactam	0.33	U	0.33	0.051	mg/Kg		10/11/25 07:01	10/11/25 15:06	1
Carbazole	0.33	U	0.33	0.013	mg/Kg		10/11/25 07:01	10/11/25 15:06	1
Chrysene	0.33	U	0.33	0.014	mg/Kg		10/11/25 07:01	10/11/25 15:06	1
Dibenz(a,h)anthracene	0.033	U	0.033	0.014	mg/Kg		10/11/25 07:01	10/11/25 15:06	1

Method: 8270E - Semivolatile Organic Compounds (GC/MS) (Continued)

Lab Sample ID: MB 460-1067577/1-A
Matrix: Solid
Analysis Batch: 1067635

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 1067577

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Dibenzofuran	0.33	U	0.33	0.011	mg/Kg		10/11/25 07:01	10/11/25 15:06	1
Diethyl phthalate	0.33	U	0.33	0.011	mg/Kg		10/11/25 07:01	10/11/25 15:06	1
Dimethyl phthalate	0.33	U	0.33	0.075	mg/Kg		10/11/25 07:01	10/11/25 15:06	1
Di-n-butyl phthalate	0.33	U	0.33	0.012	mg/Kg		10/11/25 07:01	10/11/25 15:06	1
Di-n-octyl phthalate	0.33	U	0.33	0.018	mg/Kg		10/11/25 07:01	10/11/25 15:06	1
Fluoranthene	0.33	U	0.33	0.012	mg/Kg		10/11/25 07:01	10/11/25 15:06	1
Fluorene	0.33	U	0.33	0.0097	mg/Kg		10/11/25 07:01	10/11/25 15:06	1
Hexachlorobenzene	0.033	U	0.033	0.016	mg/Kg		10/11/25 07:01	10/11/25 15:06	1
Hexachlorobutadiene	0.067	U	0.067	0.0070	mg/Kg		10/11/25 07:01	10/11/25 15:06	1
Hexachlorocyclopentadiene	0.33	U	0.33	0.029	mg/Kg		10/11/25 07:01	10/11/25 15:06	1
Hexachloroethane	0.033	U	0.033	0.011	mg/Kg		10/11/25 07:01	10/11/25 15:06	1
Indeno[1,2,3-cd]pyrene	0.033	U	0.033	0.013	mg/Kg		10/11/25 07:01	10/11/25 15:06	1
Isophorone	0.13	U	0.13	0.096	mg/Kg		10/11/25 07:01	10/11/25 15:06	1
Naphthalene	0.33	U	0.33	0.0057	mg/Kg		10/11/25 07:01	10/11/25 15:06	1
Nitrobenzene	0.033	U	0.033	0.018	mg/Kg		10/11/25 07:01	10/11/25 15:06	1
N-Nitrosodi-n-propylamine	0.033	U	0.033	0.024	mg/Kg		10/11/25 07:01	10/11/25 15:06	1
N-Nitrosodiphenylamine	0.33	U	0.33	0.027	mg/Kg		10/11/25 07:01	10/11/25 15:06	1
Pentachlorophenol	0.27	U	0.27	0.068	mg/Kg		10/11/25 07:01	10/11/25 15:06	1
Phenanthrene	0.33	U	0.33	0.014	mg/Kg		10/11/25 07:01	10/11/25 15:06	1
Phenol	0.33	U	0.33	0.012	mg/Kg		10/11/25 07:01	10/11/25 15:06	1
Pyrene	0.33	U	0.33	0.0082	mg/Kg		10/11/25 07:01	10/11/25 15:06	1

Surrogate	*MB %Recovery*	*MB Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
2,4,6-Tribromophenol (Surr)	*80*		*18 - 137*	*10/11/25 07:01*	*10/11/25 15:06*	*1*
2-Fluorobiphenyl	*78*		*33 - 117*	*10/11/25 07:01*	*10/11/25 15:06*	*1*
2-Fluorophenol (Surr)	*85*		*24 - 120*	*10/11/25 07:01*	*10/11/25 15:06*	*1*
Nitrobenzene-d5 (Surr)	*83*		*27 - 120*	*10/11/25 07:01*	*10/11/25 15:06*	*1*
Phenol-d5 (Surr)	*82*		*28 - 118*	*10/11/25 07:01*	*10/11/25 15:06*	*1*
Terphenyl-d14 (Surr)	*81*		*33 - 124*	*10/11/25 07:01*	*10/11/25 15:06*	*1*

Lab Sample ID: LCS 460-1067577/2-A
Matrix: Solid
Analysis Batch: 1067635

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 1067577

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
1,1'-Biphenyl	3.33	2.91		mg/Kg		87	64 - 120
1,2,4,5-Tetrachlorobenzene	3.33	2.90		mg/Kg		87	60 - 120
1,4-Dioxane	3.33	1.85		mg/Kg		55	31 - 105
2,2'-oxybis[1-chloropropane]	3.33	2.77		mg/Kg		83	50 - 126
2,3,4,6-Tetrachlorophenol	3.33	3.15		mg/Kg		94	62 - 120
2,4,5-Trichlorophenol	3.33	3.10		mg/Kg		93	64 - 120
2,4,6-Trichlorophenol	3.33	3.13		mg/Kg		94	65 - 120
2,4-Dichlorophenol	3.33	3.27		mg/Kg		98	66 - 120
2,4-Dimethylphenol	3.33	3.24		mg/Kg		97	75 - 136
2,4-Dinitrophenol	6.67	6.53		mg/Kg		98	41 - 120
2,4-Dinitrotoluene	3.33	3.34		mg/Kg		100	65 - 124
2,6-Dinitrotoluene	3.33	3.18		mg/Kg		95	67 - 121
2-Chloronaphthalene	3.33	2.96		mg/Kg		89	64 - 120

Method: 8270E - Semivolatile Organic Compounds (GC/MS) (Continued)

Lab Sample ID: LCS 460-1067577/2-A
Matrix: Solid
Analysis Batch: 1067635

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 1067577

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
2-Chlorophenol	3.33	3.13		mg/Kg		94	63 - 120
2-Methylnaphthalene	3.33	3.23		mg/Kg		97	56 - 102
2-Methylphenol	3.33	3.13		mg/Kg		94	63 - 120
2-Nitroaniline	3.33	2.86		mg/Kg		86	52 - 120
2-Nitrophenol	3.33	3.34		mg/Kg		100	64 - 120
3 & 4 Methylphenol	3.33	3.14		mg/Kg		94	61 - 120
3,3'-Dichlorobenzidine	3.33	2.59		mg/Kg		78	10 - 106
3-Nitroaniline	3.33	2.50		mg/Kg		75	18 - 105
4,6-Dinitro-2-methylphenol	6.67	7.66		mg/Kg		115	61 - 127
4-Bromophenyl phenyl ether	3.33	3.19		mg/Kg		96	64 - 120
4-Chloro-3-methylphenol	3.33	3.23		mg/Kg		97	68 - 120
4-Chloroaniline	3.33	1.76		mg/Kg		53	10 - 107
4-Chlorophenyl phenyl ether	3.33	3.00		mg/Kg		90	62 - 120
4-Methylphenol	3.33	3.14		mg/Kg		94	61 - 120
4-Nitroaniline	3.33	2.77		mg/Kg		83	51 - 112
4-Nitrophenol	6.67	5.19		mg/Kg		78	52 - 122
Acenaphthene	3.33	2.97		mg/Kg		89	65 - 120
Acenaphthylene	3.33	3.09		mg/Kg		93	68 - 120
Acetophenone	3.33	3.00		mg/Kg		90	61 - 111
Anthracene	3.33	3.16		mg/Kg		95	67 - 120
Atrazine	1.33	1.92		mg/Kg		144	52 - 150
Benzaldehyde	1.33	1.40		mg/Kg		105	45 - 150
Benzo[a]anthracene	3.33	3.25		mg/Kg		97	66 - 120
Benzo[a]pyrene	3.33	3.31		mg/Kg		99	69 - 123
Benzo[b]fluoranthene	3.33	3.42		mg/Kg		103	66 - 125
Benzo[g,h,i]perylene	3.33	3.09		mg/Kg		93	66 - 138
Benzo[k]fluoranthene	3.33	3.06		mg/Kg		92	67 - 122
Bis(2-chloroethoxy)methane	3.33	3.05		mg/Kg		92	62 - 120
Bis(2-chloroethyl)ether	3.33	3.01		mg/Kg		90	60 - 120
Bis(2-ethylhexyl) phthalate	3.33	3.39		mg/Kg		102	64 - 125
Butyl benzyl phthalate	3.33	3.52		mg/Kg		106	62 - 127
Caprolactam	1.33	1.87		mg/Kg		141	46 - 150
Carbazole	3.33	3.17		mg/Kg		95	64 - 120
Chrysene	3.33	3.15		mg/Kg		94	67 - 120
Dibenz(a,h)anthracene	3.33	3.42		mg/Kg		103	66 - 128
Dibenzofuran	3.33	2.97		mg/Kg		89	61 - 120
Diethyl phthalate	3.33	3.08		mg/Kg		92	63 - 120
Dimethyl phthalate	3.33	3.10		mg/Kg		93	65 - 120
Di-n-butyl phthalate	3.33	3.59		mg/Kg		108	61 - 120
Di-n-octyl phthalate	3.33	3.54		mg/Kg		106	61 - 123
Fluoranthene	3.33	3.25		mg/Kg		97	61 - 120
Fluorene	3.33	3.01		mg/Kg		90	64 - 120
Hexachlorobenzene	3.33	3.10		mg/Kg		93	66 - 120
Hexachlorobutadiene	3.33	3.07		mg/Kg		92	62 - 120
Hexachlorocyclopentadiene	3.33	1.54		mg/Kg		46	32 - 150
Hexachloroethane	3.33	2.87		mg/Kg		86	61 - 112
Indeno[1,2,3-cd]pyrene	3.33	2.92		mg/Kg		87	63 - 137
Isophorone	3.33	3.05		mg/Kg		92	61 - 120
Naphthalene	3.33	3.00		mg/Kg		90	63 - 113

Method: 8270E - Semivolatile Organic Compounds (GC/MS) (Continued)

Lab Sample ID: LCS 460-1067577/2-A
Matrix: Solid
Analysis Batch: 1067635

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 1067577

Analyte			Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits		
Nitrobenzene			3.33	3.13		mg/Kg		94	63 - 120		
N-Nitrosodi-n-propylamine			3.33	3.06		mg/Kg		92	60 - 120		
N-Nitrosodiphenylamine			3.33	3.15		mg/Kg		95	63 - 120		
Pentachlorophenol			6.67	6.55		mg/Kg		98	61 - 126		
Phenanthrene			3.33	3.17		mg/Kg		95	66 - 120		
Phenol			3.33	3.08		mg/Kg		93	63 - 120		
Pyrene			3.33	3.18		mg/Kg		95	61 - 121		

Surrogate	*LCS %Recovery*	*LCS Qualifier*	*Limits*
2,4,6-Tribromophenol (Surr)	*85*		*18 - 137*
2-Fluorobiphenyl	*79*		*33 - 117*
2-Fluorophenol (Surr)	*84*		*24 - 120*
Nitrobenzene-d5 (Surr)	*80*		*27 - 120*
Phenol-d5 (Surr)	*81*		*28 - 118*
Terphenyl-d14 (Surr)	*81*		*33 - 124*

Lab Sample ID: LCSD 460-1067577/3-A
Matrix: Solid
Analysis Batch: 1067635

Client Sample ID: Lab Control Sample Dup
Prep Type: Total/NA
Prep Batch: 1067577

Analyte			Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
1,1'-Biphenyl			3.33	3.09		mg/Kg		93	64 - 120	6	30
1,2,4,5-Tetrachlorobenzene			3.33	3.07		mg/Kg		92	60 - 120	6	30
1,4-Dioxane			3.33	1.95		mg/Kg		58	31 - 105	5	30
2,2'-oxybis[1-chloropropane]			3.33	2.90		mg/Kg		87	50 - 126	5	30
2,3,4,6-Tetrachlorophenol			3.33	3.31		mg/Kg		99	62 - 120	5	30
2,4,5-Trichlorophenol			3.33	3.31		mg/Kg		99	64 - 120	6	30
2,4,6-Trichlorophenol			3.33	3.27		mg/Kg		98	65 - 120	4	30
2,4-Dichlorophenol			3.33	3.34		mg/Kg		100	66 - 120	2	30
2,4-Dimethylphenol			3.33	3.35		mg/Kg		101	75 - 136	3	30
2,4-Dinitrophenol			6.67	7.09		mg/Kg		106	41 - 120	8	30
2,4-Dinitrotoluene			3.33	3.44		mg/Kg		103	65 - 124	3	30
2,6-Dinitrotoluene			3.33	3.48		mg/Kg		104	67 - 121	9	30
2-Chloronaphthalene			3.33	3.10		mg/Kg		93	64 - 120	5	30
2-Chlorophenol			3.33	3.24		mg/Kg		97	63 - 120	3	30
2-Methylnaphthalene			3.33	3.34		mg/Kg		100	56 - 102	3	30
2-Methylphenol			3.33	3.24		mg/Kg		97	63 - 120	4	30
2-Nitroaniline			3.33	3.06		mg/Kg		92	52 - 120	7	30
2-Nitrophenol			3.33	3.46		mg/Kg		104	64 - 120	4	30
3 & 4 Methylphenol			3.33	3.28		mg/Kg		98	61 - 120	4	30
3,3'-Dichlorobenzidine			3.33	2.72		mg/Kg		82	10 - 106	5	30
3-Nitroaniline			3.33	2.54		mg/Kg		76	18 - 105	2	30
4,6-Dinitro-2-methylphenol			6.67	8.19		mg/Kg		123	61 - 127	7	30
4-Bromophenyl phenyl ether			3.33	3.35		mg/Kg		101	64 - 120	5	30
4-Chloro-3-methylphenol			3.33	3.37		mg/Kg		101	68 - 120	4	30
4-Chloroaniline			3.33	1.91		mg/Kg		57	10 - 107	8	30
4-Chlorophenyl phenyl ether			3.33	3.18		mg/Kg		95	62 - 120	6	30
4-Methylphenol			3.33	3.28		mg/Kg		98	61 - 120	4	30

Method: 8270E - Semivolatile Organic Compounds (GC/MS) (Continued)

Lab Sample ID: LCSD 460-1067577/3-A
Matrix: Solid
Analysis Batch: 1067635

Client Sample ID: Lab Control Sample Dup
Prep Type: Total/NA
Prep Batch: 1067577

Analyte			Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
4-Nitroaniline			3.33	3.05		mg/Kg		91	51 - 112	10	30
4-Nitrophenol			6.67	5.68		mg/Kg		85	52 - 122	9	30
Acenaphthene			3.33	3.07		mg/Kg		92	65 - 120	3	30
Acenaphthylene			3.33	3.26		mg/Kg		98	68 - 120	5	30
Acetophenone			3.33	3.17		mg/Kg		95	61 - 111	5	30
Anthracene			3.33	3.31		mg/Kg		99	67 - 120	5	30
Atrazine			1.33	2.42	*	mg/Kg		182	52 - 150	23	30
Benzaldehyde			1.33	1.71		mg/Kg		128	45 - 150	19	30
Benzo[a]anthracene			3.33	3.32		mg/Kg		100	66 - 120	2	30
Benzo[a]pyrene			3.33	3.59		mg/Kg		108	69 - 123	8	30
Benzo[b]fluoranthene			3.33	3.37		mg/Kg		101	66 - 125	2	30
Benzo[g,h,i]perylene			3.33	3.29		mg/Kg		99	66 - 138	6	30
Benzo[k]fluoranthene			3.33	3.48		mg/Kg		104	67 - 122	13	30
Bis(2-chloroethoxy)methane			3.33	3.13		mg/Kg		94	62 - 120	3	30
Bis(2-chloroethyl)ether			3.33	3.17		mg/Kg		95	60 - 120	5	30
Bis(2-ethylhexyl) phthalate			3.33	3.54		mg/Kg		106	64 - 125	4	30
Butyl benzyl phthalate			3.33	3.69		mg/Kg		111	62 - 127	5	30
Caprolactam			1.33	2.33	*	mg/Kg		175	46 - 150	22	30
Carbazole			3.33	3.33		mg/Kg		100	64 - 120	5	30
Chrysene			3.33	3.33		mg/Kg		100	67 - 120	5	30
Dibenz(a,h)anthracene			3.33	3.64		mg/Kg		109	66 - 128	6	30
Dibenzofuran			3.33	3.10		mg/Kg		93	61 - 120	4	30
Diethyl phthalate			3.33	3.25		mg/Kg		98	63 - 120	6	30
Dimethyl phthalate			3.33	3.23		mg/Kg		97	65 - 120	4	30
Di-n-butyl phthalate			3.33	3.79		mg/Kg		114	61 - 120	6	30
Di-n-octyl phthalate			3.33	3.76		mg/Kg		113	61 - 123	6	30
Fluoranthene			3.33	3.40		mg/Kg		102	61 - 120	4	30
Fluorene			3.33	3.18		mg/Kg		95	64 - 120	5	30
Hexachlorobenzene			3.33	3.32		mg/Kg		100	66 - 120	7	30
Hexachlorobutadiene			3.33	3.20		mg/Kg		96	62 - 120	4	30
Hexachlorocyclopentadiene			3.33	1.63		mg/Kg		49	32 - 150	6	30
Hexachloroethane			3.33	3.05		mg/Kg		92	61 - 112	6	30
Indeno[1,2,3-cd]pyrene			3.33	3.16		mg/Kg		95	63 - 137	8	30
Isophorone			3.33	3.17		mg/Kg		95	61 - 120	4	30
Naphthalene			3.33	3.17		mg/Kg		95	63 - 113	6	30
Nitrobenzene			3.33	3.28		mg/Kg		98	63 - 120	4	30
N-Nitrosodi-n-propylamine			3.33	3.13		mg/Kg		94	60 - 120	2	30
N-Nitrosodiphenylamine			3.33	3.38		mg/Kg		101	63 - 120	7	30
Pentachlorophenol			6.67	7.08		mg/Kg		106	61 - 126	8	30
Phenanthrene			3.33	3.35		mg/Kg		100	66 - 120	6	30
Phenol			3.33	3.23		mg/Kg		97	63 - 120	5	30
Pyrene			3.33	3.35		mg/Kg		100	61 - 121	5	30

Surrogate	*LCSD %Recovery*	*LCSD Qualifier*	*Limits*
2,4,6-Tribromophenol (Surr)	*90*		*18 - 137*
2-Fluorobiphenyl	*83*		*33 - 117*
2-Fluorophenol (Surr)	*88*		*24 - 120*
Nitrobenzene-d5 (Surr)	*83*		*27 - 120*

Method: 8270E - Semivolatile Organic Compounds (GC/MS) (Continued)

Lab Sample ID: LCSD 460-1067577/3-A
Matrix: Solid
Analysis Batch: 1067635

Client Sample ID: Lab Control Sample Dup
Prep Type: Total/NA
Prep Batch: 1067577

Surrogate	LCSD %Recovery	LCSD Qualifier	Limits
Phenol-d5 (Surr)	*85*		*28 - 118*
Terphenyl-d14 (Surr)	*86*		*33 - 124*

Lab Sample ID: 460-336454-A-1-D MS
Matrix: Solid
Analysis Batch: 1067635

Client Sample ID: Matrix Spike
Prep Type: Total/NA
Prep Batch: 1067577

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec Limits
1,1'-Biphenyl	0.31	J	3.58	3.04		mg/Kg	☼	76	64 - 120
1,2,4,5-Tetrachlorobenzene	0.35	U	3.58	2.71		mg/Kg	☼	76	60 - 120
1,4-Dioxane	0.035	U	3.58	2.06		mg/Kg	☼	58	31 - 105
2,2'-oxybis[1-chloropropane]	0.35	U	3.58	2.49		mg/Kg	☼	70	50 - 126
2,3,4,6-Tetrachlorophenol	0.35	U	3.58	2.75		mg/Kg	☼	77	62 - 120
2,4,5-Trichlorophenol	0.35	U	3.58	2.75		mg/Kg	☼	77	64 - 120
2,4,6-Trichlorophenol	0.14	U	3.58	2.80		mg/Kg	☼	78	65 - 120
2,4-Dichlorophenol	0.14	U	3.58	2.93		mg/Kg	☼	82	66 - 120
2,4-Dimethylphenol	0.35	U	3.58	2.90		mg/Kg	☼	81	75 - 136
2,4-Dinitrophenol	0.28	U	7.15	5.76		mg/Kg	☼	81	41 - 120
2,4-Dinitrotoluene	0.071	U	3.58	3.36		mg/Kg	☼	94	65 - 124
2,6-Dinitrotoluene	0.071	U	3.58	2.95		mg/Kg	☼	83	67 - 121
2-Chloronaphthalene	0.35	U	3.58	2.66		mg/Kg	☼	75	64 - 120
2-Chlorophenol	0.35	U	3.58	2.77		mg/Kg	☼	78	63 - 120
2-Methylnaphthalene	4.8		3.58	8.42		mg/Kg	☼	101	56 - 102
2-Methylphenol	0.35	U	3.58	2.77		mg/Kg	☼	77	63 - 120
2-Nitroaniline	0.35	U	3.58	2.59		mg/Kg	☼	72	52 - 120
2-Nitrophenol	0.35	U	3.58	2.92		mg/Kg	☼	82	64 - 120
3 & 4 Methylphenol	0.35	U	3.58	2.85		mg/Kg	☼	80	61 - 120
3,3'-Dichlorobenzidine	0.14	U	3.58	1.85		mg/Kg	☼	52	10 - 106
3-Nitroaniline	0.35	U	3.58	2.23		mg/Kg	☼	62	18 - 105
4,6-Dinitro-2-methylphenol	0.28	U	7.15	6.59		mg/Kg	☼	92	61 - 127
4-Bromophenyl phenyl ether	0.35	U	3.58	2.88		mg/Kg	☼	81	64 - 120
4-Chloro-3-methylphenol	0.35	U	3.58	2.88		mg/Kg	☼	81	68 - 120
4-Chloroaniline	0.35	U	3.58	0.907		mg/Kg	☼	25	10 - 107
4-Chlorophenyl phenyl ether	0.35	U	3.58	2.64		mg/Kg	☼	74	62 - 120
4-Methylphenol	0.35	U	3.58	2.85		mg/Kg	☼	80	61 - 120
4-Nitroaniline	0.35	U	3.58	2.19		mg/Kg	☼	61	51 - 112
4-Nitrophenol	0.71	U	7.15	4.61		mg/Kg	☼	64	52 - 122
Acenaphthene	0.26	J	3.58	2.93		mg/Kg	☼	75	65 - 120
Acenaphthylene	0.086	J	3.58	2.87		mg/Kg	☼	78	68 - 120
Acetophenone	0.35	U	3.58	3.74		mg/Kg	☼	105	61 - 111
Anthracene	0.35	U	3.58	2.92		mg/Kg	☼	82	67 - 120
Atrazine	0.14	U *	1.43	1.73		mg/Kg	☼	121	52 - 150
Benzaldehyde	0.35	U	1.43	1.52	E	mg/Kg	☼	106	45 - 150
Benzo[a]anthracene	0.035	U	3.58	2.82		mg/Kg	☼	79	66 - 120
Benzo[a]pyrene	0.035	U	3.58	2.98		mg/Kg	☼	83	69 - 123
Benzo[b]fluoranthene	0.035	U	3.58	2.89		mg/Kg	☼	81	66 - 125
Benzo[g,h,i]perylene	0.35	U	3.58	2.75		mg/Kg	☼	77	66 - 138
Benzo[k]fluoranthene	0.035	U	3.58	2.79		mg/Kg	☼	78	67 - 122

Method: 8270E - Semivolatile Organic Compounds (GC/MS) (Continued)

Lab Sample ID: 460-336454-A-1-D MS
Matrix: Solid
Analysis Batch: 1067635

Client Sample ID: Matrix Spike
Prep Type: Total/NA
Prep Batch: 1067577

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec Limits
Bis(2-chloroethoxy)methane	0.35	U	3.58	2.80		mg/Kg	☼	78	62 - 120
Bis(2-chloroethyl)ether	0.035	U	3.58	2.91		mg/Kg	☼	81	60 - 120
Bis(2-ethylhexyl) phthalate	0.35	U	3.58	3.04		mg/Kg	☼	85	64 - 125
Butyl benzyl phthalate	0.35	U	3.58	3.13		mg/Kg	☼	88	62 - 127
Caprolactam	0.35	U *	1.43	9.41	E *	mg/Kg	☼	658	46 - 150
Carbazole	0.35	U	3.58	2.84		mg/Kg	☼	80	64 - 120
Chrysene	0.35	U	3.58	2.84		mg/Kg	☼	79	67 - 120
Dibenz(a,h)anthracene	0.035	U	3.58	3.01		mg/Kg	☼	84	66 - 128
Dibenzofuran	0.13	J	3.58	2.80		mg/Kg	☼	74	61 - 120
Diethyl phthalate	0.35	U	3.58	2.69		mg/Kg	☼	75	63 - 120
Dimethyl phthalate	0.35	U	3.58	2.74		mg/Kg	☼	77	65 - 120
Di-n-butyl phthalate	0.35	U	3.58	3.18		mg/Kg	☼	89	61 - 120
Di-n-octyl phthalate	0.35	U	3.58	3.14		mg/Kg	☼	88	61 - 123
Fluoranthene	0.042	J	3.58	2.94		mg/Kg	☼	81	61 - 120
Fluorene	0.42		3.58	3.25		mg/Kg	☼	79	64 - 120
Hexachlorobenzene	0.035	U	3.58	2.79		mg/Kg	☼	78	66 - 120
Hexachlorobutadiene	0.071	U	3.58	2.78		mg/Kg	☼	78	62 - 120
Hexachlorocyclopentadiene	0.35	U	3.58	0.996	*	mg/Kg	☼	28	32 - 150
Hexachloroethane	0.035	U	3.58	2.89		mg/Kg	☼	81	61 - 112
Indeno[1,2,3-cd]pyrene	0.035	U	3.58	2.72		mg/Kg	☼	76	63 - 137
Isophorone	0.14	U	3.58	2.96		mg/Kg	☼	83	61 - 120
Naphthalene	0.85		3.58	3.63		mg/Kg	☼	78	63 - 113
Nitrobenzene	0.035	U	3.58	2.84		mg/Kg	☼	79	63 - 120
N-Nitrosodi-n-propylamine	0.035	U	3.58	2.82		mg/Kg	☼	79	60 - 120
N-Nitrosodiphenylamine	0.35	U	3.58	4.12		mg/Kg	☼	115	63 - 120
Pentachlorophenol	0.28	U	7.15	5.80		mg/Kg	☼	81	61 - 126
Phenanthrene	1.0		3.58	3.99		mg/Kg	☼	82	66 - 120
Phenol	0.35	U	3.58	2.73		mg/Kg	☼	76	63 - 120
Pyrene	0.21	J	3.58	2.93		mg/Kg	☼	76	61 - 121

Surrogate	*MS %Recovery*	*MS Qualifier*	*Limits*
2,4,6-Tribromophenol (Surr)	*69*		*18 - 137*
2-Fluorobiphenyl	*66*		*33 - 117*
2-Fluorophenol (Surr)	*69*		*24 - 120*
Nitrobenzene-d5 (Surr)	*69*		*27 - 120*
Phenol-d5 (Surr)	*67*		*28 - 118*
Terphenyl-d14 (Surr)	*66*		*33 - 124*

Lab Sample ID: 460-336454-A-1-E MSD
Matrix: Solid
Analysis Batch: 1067635

Client Sample ID: Matrix Spike Duplicate
Prep Type: Total/NA
Prep Batch: 1067577

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
1,1'-Biphenyl	0.31	J	3.58	3.18		mg/Kg	☼	80	64 - 120	5	30
1,2,4,5-Tetrachlorobenzene	0.35	U	3.58	2.86		mg/Kg	☼	80	60 - 120	5	30
1,4-Dioxane	0.035	U	3.58	2.28		mg/Kg	☼	64	31 - 105	10	30
2,2'-oxybis[1-chloropropane]	0.35	U	3.58	2.72		mg/Kg	☼	76	50 - 126	9	30
2,3,4,6-Tetrachlorophenol	0.35	U	3.58	2.94		mg/Kg	☼	82	62 - 120	7	30

Method: 8270E - Semivolatile Organic Compounds (GC/MS) (Continued)

Lab Sample ID: 460-336454-A-1-E MSD
Matrix: Solid
Analysis Batch: 1067635

Client Sample ID: Matrix Spike Duplicate
Prep Type: Total/NA
Prep Batch: 1067577

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
2,4,5-Trichlorophenol	0.35	U	3.58	2.92		mg/Kg	☼	82	64 - 120	6	30
2,4,6-Trichlorophenol	0.14	U	3.58	2.96		mg/Kg	☼	83	65 - 120	6	30
2,4-Dichlorophenol	0.14	U	3.58	3.13		mg/Kg	☼	87	66 - 120	7	30
2,4-Dimethylphenol	0.35	U	3.58	3.09		mg/Kg	☼	86	75 - 136	6	30
2,4-Dinitrophenol	0.28	U	7.16	6.16		mg/Kg	☼	86	41 - 120	7	30
2,4-Dinitrotoluene	0.071	U	3.58	3.57		mg/Kg	☼	100	65 - 124	6	30
2,6-Dinitrotoluene	0.071	U	3.58	3.16		mg/Kg	☼	88	67 - 121	7	30
2-Chloronaphthalene	0.35	U	3.58	2.84		mg/Kg	☼	79	64 - 120	6	30
2-Chlorophenol	0.35	U	3.58	3.02		mg/Kg	☼	84	63 - 120	8	30
2-Methylnaphthalene	4.8		3.58	8.53	*	mg/Kg	☼	104	56 - 102	1	30
2-Methylphenol	0.35	U	3.58	3.04		mg/Kg	☼	85	63 - 120	9	30
2-Nitroaniline	0.35	U	3.58	2.63		mg/Kg	☼	73	52 - 120	2	30
2-Nitrophenol	0.35	U	3.58	3.13		mg/Kg	☼	88	64 - 120	7	30
3 & 4 Methylphenol	0.35	U	3.58	3.08		mg/Kg	☼	86	61 - 120	8	30
3,3'-Dichlorobenzidine	0.14	U	3.58	2.06		mg/Kg	☼	57	10 - 106	10	30
3-Nitroaniline	0.35	U	3.58	2.39		mg/Kg	☼	67	18 - 105	7	30
4,6-Dinitro-2-methylphenol	0.28	U	7.16	7.19		mg/Kg	☼	100	61 - 127	9	30
4-Bromophenyl phenyl ether	0.35	U	3.58	3.08		mg/Kg	☼	86	64 - 120	7	30
4-Chloro-3-methylphenol	0.35	U	3.58	3.06		mg/Kg	☼	85	68 - 120	6	30
4-Chloroaniline	0.35	U	3.58	1.23		mg/Kg	☼	34	10 - 107	30	30
4-Chlorophenyl phenyl ether	0.35	U	3.58	2.82		mg/Kg	☼	79	62 - 120	7	30
4-Methylphenol	0.35	U	3.58	3.08		mg/Kg	☼	86	61 - 120	8	30
4-Nitroaniline	0.35	U	3.58	2.54		mg/Kg	☼	71	51 - 112	15	30
4-Nitrophenol	0.71	U	7.16	5.01		mg/Kg	☼	70	52 - 122	8	30
Acenaphthene	0.26	J	3.58	3.07		mg/Kg	☼	79	65 - 120	5	30
Acenaphthylene	0.086	J	3.58	2.99		mg/Kg	☼	81	68 - 120	4	30
Acetophenone	0.35	U	3.58	3.95		mg/Kg	☼	110	61 - 111	5	30
Anthracene	0.35	U	3.58	3.15		mg/Kg	☼	88	67 - 120	7	30
Atrazine	0.14	U *	1.43	1.77		mg/Kg	☼	124	52 - 150	2	30
Benzaldehyde	0.35	U	1.43	1.60	E	mg/Kg	☼	112	45 - 150	5	30
Benzo[a]anthracene	0.035	U	3.58	3.03		mg/Kg	☼	85	66 - 120	7	30
Benzo[a]pyrene	0.035	U	3.58	3.18		mg/Kg	☼	89	69 - 123	7	30
Benzo[b]fluoranthene	0.035	U	3.58	3.07		mg/Kg	☼	86	66 - 125	6	30
Benzo[g,h,i]perylene	0.35	U	3.58	2.93		mg/Kg	☼	82	66 - 138	6	30
Benzo[k]fluoranthene	0.035	U	3.58	3.02		mg/Kg	☼	84	67 - 122	8	30
Bis(2-chloroethoxy)methane	0.35	U	3.58	3.05		mg/Kg	☼	85	62 - 120	8	30
Bis(2-chloroethyl)ether	0.035	U	3.58	2.96		mg/Kg	☼	83	60 - 120	2	30
Bis(2-ethylhexyl) phthalate	0.35	U	3.58	3.27		mg/Kg	☼	91	64 - 125	8	30
Butyl benzyl phthalate	0.35	U	3.58	3.34		mg/Kg	☼	93	62 - 127	6	30
Caprolactam	0.35	U *	1.43	9.19	E *	mg/Kg	☼	642	46 - 150	2	30
Carbazole	0.35	U	3.58	3.11		mg/Kg	☼	87	64 - 120	9	30
Chrysene	0.35	U	3.58	3.07		mg/Kg	☼	86	67 - 120	8	30
Dibenz(a,h)anthracene	0.035	U	3.58	3.25		mg/Kg	☼	91	66 - 128	8	30
Dibenzofuran	0.13	J	3.58	2.94		mg/Kg	☼	78	61 - 120	5	30
Diethyl phthalate	0.35	U	3.58	2.87		mg/Kg	☼	80	63 - 120	6	30
Dimethyl phthalate	0.35	U	3.58	2.93		mg/Kg	☼	82	65 - 120	7	30
Di-n-butyl phthalate	0.35	U	3.58	3.45		mg/Kg	☼	96	61 - 120	8	30
Di-n-octyl phthalate	0.35	U	3.58	3.38		mg/Kg	☼	94	61 - 123	7	30
Fluoranthene	0.042	J	3.58	3.19		mg/Kg	☼	88	61 - 120	8	30

Method: 8270E - Semivolatile Organic Compounds (GC/MS) (Continued)

Lab Sample ID: 460-336454-A-1-E MSD
Matrix: Solid
Analysis Batch: 1067635

Client Sample ID: Matrix Spike Duplicate
Prep Type: Total/NA
Prep Batch: 1067577

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Fluorene	0.42		3.58	3.33		mg/Kg	☼	82	64 - 120	2	30
Hexachlorobenzene	0.035	U	3.58	3.04		mg/Kg	☼	85	66 - 120	8	30
Hexachlorobutadiene	0.071	U	3.58	3.02		mg/Kg	☼	84	62 - 120	8	30
Hexachlorocyclopentadiene	0.35	U	3.58	1.15		mg/Kg	☼	32	32 - 150	14	30
Hexachloroethane	0.035	U	3.58	3.04		mg/Kg	☼	85	61 - 112	5	30
Indeno[1,2,3-cd]pyrene	0.035	U	3.58	2.86		mg/Kg	☼	80	63 - 137	5	30
Isophorone	0.14	U	3.58	3.21		mg/Kg	☼	90	61 - 120	8	30
Naphthalene	0.85		3.58	3.83		mg/Kg	☼	83	63 - 113	6	30
Nitrobenzene	0.035	U	3.58	3.05		mg/Kg	☼	85	63 - 120	7	30
N-Nitrosodi-n-propylamine	0.035	U	3.58	3.05		mg/Kg	☼	85	60 - 120	8	30
N-Nitrosodiphenylamine	0.35	U	3.58	4.32	*	mg/Kg	☼	121	63 - 120	5	30
Pentachlorophenol	0.28	U	7.16	6.40		mg/Kg	☼	89	61 - 126	10	30
Phenanthrene	1.0		3.58	4.21		mg/Kg	☼	89	66 - 120	5	30
Phenol	0.35	U	3.58	2.97		mg/Kg	☼	83	63 - 120	8	30
Pyrene	0.21	J	3.58	3.13		mg/Kg	☼	82	61 - 121	7	30

Surrogate	*MSD %Recovery*	*MSD Qualifier*	*Limits*
2,4,6-Tribromophenol (Surr)	*73*		*18 - 137*
2-Fluorobiphenyl	*69*		*33 - 117*
2-Fluorophenol (Surr)	*75*		*24 - 120*
Nitrobenzene-d5 (Surr)	*76*		*27 - 120*
Phenol-d5 (Surr)	*72*		*28 - 118*
Terphenyl-d14 (Surr)	*70*		*33 - 124*

Lab Sample ID: MB 460-1067581/1-A
Matrix: Solid
Analysis Batch: 1067621

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 1067581

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1'-Biphenyl	0.33	U	0.33	0.012	mg/Kg		10/11/25 07:21	10/11/25 13:48	1
1,2,4,5-Tetrachlorobenzene	0.33	U	0.33	0.010	mg/Kg		10/11/25 07:21	10/11/25 13:48	1
1,4-Dioxane	0.033	U	0.033	0.029	mg/Kg		10/11/25 07:21	10/11/25 13:48	1
2,2'-oxybis[1-chloropropane]	0.33	U	0.33	0.020	mg/Kg		10/11/25 07:21	10/11/25 13:48	1
2,3,4,6-Tetrachlorophenol	0.33	U	0.33	0.022	mg/Kg		10/11/25 07:21	10/11/25 13:48	1
2,4,5-Trichlorophenol	0.33	U	0.33	0.034	mg/Kg		10/11/25 07:21	10/11/25 13:48	1
2,4,6-Trichlorophenol	0.13	U	0.13	0.042	mg/Kg		10/11/25 07:21	10/11/25 13:48	1
2,4-Dichlorophenol	0.13	U	0.13	0.021	mg/Kg		10/11/25 07:21	10/11/25 13:48	1
2,4-Dimethylphenol	0.33	U	0.33	0.039	mg/Kg		10/11/25 07:21	10/11/25 13:48	1
2,4-Dinitrophenol	0.27	U	0.27	0.16	mg/Kg		10/11/25 07:21	10/11/25 13:48	1
2,4-Dinitrotoluene	0.067	U	0.067	0.036	mg/Kg		10/11/25 07:21	10/11/25 13:48	1
2,6-Dinitrotoluene	0.067	U	0.067	0.024	mg/Kg		10/11/25 07:21	10/11/25 13:48	1
2-Chloronaphthalene	0.33	U	0.33	0.043	mg/Kg		10/11/25 07:21	10/11/25 13:48	1
2-Chlorophenol	0.33	U	0.33	0.012	mg/Kg		10/11/25 07:21	10/11/25 13:48	1
2-Methylnaphthalene	0.33	U	0.33	0.0093	mg/Kg		10/11/25 07:21	10/11/25 13:48	1
2-Methylphenol	0.33	U	0.33	0.012	mg/Kg		10/11/25 07:21	10/11/25 13:48	1
2-Nitroaniline	0.33	U	0.33	0.025	mg/Kg		10/11/25 07:21	10/11/25 13:48	1
2-Nitrophenol	0.33	U	0.33	0.033	mg/Kg		10/11/25 07:21	10/11/25 13:48	1
3 & 4 Methylphenol	0.33	U	0.33	0.021	mg/Kg		10/11/25 07:21	10/11/25 13:48	1

Method: 8270E - Semivolatile Organic Compounds (GC/MS) (Continued)

Lab Sample ID: MB 460-1067581/1-A
Matrix: Solid
Analysis Batch: 1067621

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 1067581

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
3,3'-Dichlorobenzidine	0.13	U	0.13	0.050	mg/Kg		10/11/25 07:21	10/11/25 13:48	1
3-Nitroaniline	0.33	U	0.33	0.079	mg/Kg		10/11/25 07:21	10/11/25 13:48	1
4,6-Dinitro-2-methylphenol	0.27	U	0.27	0.14	mg/Kg		10/11/25 07:21	10/11/25 13:48	1
4-Bromophenyl phenyl ether	0.33	U	0.33	0.013	mg/Kg		10/11/25 07:21	10/11/25 13:48	1
4-Chloro-3-methylphenol	0.33	U	0.33	0.019	mg/Kg		10/11/25 07:21	10/11/25 13:48	1
4-Chloroaniline	0.33	U	0.33	0.059	mg/Kg		10/11/25 07:21	10/11/25 13:48	1
4-Chlorophenyl phenyl ether	0.33	U	0.33	0.012	mg/Kg		10/11/25 07:21	10/11/25 13:48	1
4-Methylphenol	0.33	U	0.33	0.021	mg/Kg		10/11/25 07:21	10/11/25 13:48	1
4-Nitroaniline	0.33	U	0.33	0.084	mg/Kg		10/11/25 07:21	10/11/25 13:48	1
4-Nitrophenol	0.67	U	0.67	0.054	mg/Kg		10/11/25 07:21	10/11/25 13:48	1
Acenaphthene	0.33	U	0.33	0.0094	mg/Kg		10/11/25 07:21	10/11/25 13:48	1
Acenaphthylene	0.33	U	0.33	0.0095	mg/Kg		10/11/25 07:21	10/11/25 13:48	1
Acetophenone	0.33	U	0.33	0.016	mg/Kg		10/11/25 07:21	10/11/25 13:48	1
Anthracene	0.33	U	0.33	0.010	mg/Kg		10/11/25 07:21	10/11/25 13:48	1
Atrazine	0.13	U	0.13	0.019	mg/Kg		10/11/25 07:21	10/11/25 13:48	1
Benzaldehyde	0.33	U	0.33	0.055	mg/Kg		10/11/25 07:21	10/11/25 13:48	1
Benzo[a]anthracene	0.033	U	0.033	0.025	mg/Kg		10/11/25 07:21	10/11/25 13:48	1
Benzo[a]pyrene	0.033	U	0.033	0.0088	mg/Kg		10/11/25 07:21	10/11/25 13:48	1
Benzo[b]fluoranthene	0.033	U	0.033	0.0086	mg/Kg		10/11/25 07:21	10/11/25 13:48	1
Benzo[g,h,i]perylene	0.33	U	0.33	0.0098	mg/Kg		10/11/25 07:21	10/11/25 13:48	1
Benzo[k]fluoranthene	0.033	U	0.033	0.0065	mg/Kg		10/11/25 07:21	10/11/25 13:48	1
Bis(2-chloroethoxy)methane	0.33	U	0.33	0.061	mg/Kg		10/11/25 07:21	10/11/25 13:48	1
Bis(2-chloroethyl)ether	0.033	U	0.033	0.012	mg/Kg		10/11/25 07:21	10/11/25 13:48	1
Bis(2-ethylhexyl) phthalate	0.33	U	0.33	0.017	mg/Kg		10/11/25 07:21	10/11/25 13:48	1
Butyl benzyl phthalate	0.33	U	0.33	0.016	mg/Kg		10/11/25 07:21	10/11/25 13:48	1
Caprolactam	0.33	U	0.33	0.051	mg/Kg		10/11/25 07:21	10/11/25 13:48	1
Carbazole	0.33	U	0.33	0.013	mg/Kg		10/11/25 07:21	10/11/25 13:48	1
Chrysene	0.33	U	0.33	0.014	mg/Kg		10/11/25 07:21	10/11/25 13:48	1
Dibenz(a,h)anthracene	0.033	U	0.033	0.014	mg/Kg		10/11/25 07:21	10/11/25 13:48	1
Dibenzofuran	0.33	U	0.33	0.011	mg/Kg		10/11/25 07:21	10/11/25 13:48	1
Diethyl phthalate	0.33	U	0.33	0.011	mg/Kg		10/11/25 07:21	10/11/25 13:48	1
Dimethyl phthalate	0.33	U	0.33	0.075	mg/Kg		10/11/25 07:21	10/11/25 13:48	1
Di-n-butyl phthalate	0.33	U	0.33	0.012	mg/Kg		10/11/25 07:21	10/11/25 13:48	1
Di-n-octyl phthalate	0.33	U	0.33	0.018	mg/Kg		10/11/25 07:21	10/11/25 13:48	1
Fluoranthene	0.33	U	0.33	0.012	mg/Kg		10/11/25 07:21	10/11/25 13:48	1
Fluorene	0.33	U	0.33	0.0097	mg/Kg		10/11/25 07:21	10/11/25 13:48	1
Hexachlorobenzene	0.033	U	0.033	0.016	mg/Kg		10/11/25 07:21	10/11/25 13:48	1
Hexachlorobutadiene	0.067	U	0.067	0.0070	mg/Kg		10/11/25 07:21	10/11/25 13:48	1
Hexachlorocyclopentadiene	0.33	U	0.33	0.029	mg/Kg		10/11/25 07:21	10/11/25 13:48	1
Hexachloroethane	0.033	U	0.033	0.011	mg/Kg		10/11/25 07:21	10/11/25 13:48	1
Indeno[1,2,3-cd]pyrene	0.033	U	0.033	0.013	mg/Kg		10/11/25 07:21	10/11/25 13:48	1
Isophorone	0.13	U	0.13	0.096	mg/Kg		10/11/25 07:21	10/11/25 13:48	1
Naphthalene	0.33	U	0.33	0.0057	mg/Kg		10/11/25 07:21	10/11/25 13:48	1
Nitrobenzene	0.033	U	0.033	0.018	mg/Kg		10/11/25 07:21	10/11/25 13:48	1
N-Nitrosodi-n-propylamine	0.033	U	0.033	0.024	mg/Kg		10/11/25 07:21	10/11/25 13:48	1
N-Nitrosodiphenylamine	0.33	U	0.33	0.027	mg/Kg		10/11/25 07:21	10/11/25 13:48	1
Pentachlorophenol	0.27	U	0.27	0.068	mg/Kg		10/11/25 07:21	10/11/25 13:48	1
Phenanthrene	0.33	U	0.33	0.014	mg/Kg		10/11/25 07:21	10/11/25 13:48	1
Phenol	0.33	U	0.33	0.012	mg/Kg		10/11/25 07:21	10/11/25 13:48	1

Method: 8270E - Semivolatile Organic Compounds (GC/MS) (Continued)

Lab Sample ID: MB 460-1067581/1-A
Matrix: Solid
Analysis Batch: 1067621

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 1067581

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Pyrene	0.33	U	0.33	0.0082	mg/Kg		10/11/25 07:21	10/11/25 13:48	1

Surrogate	*MB %Recovery*	*MB Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
2,4,6-Tribromophenol (Surr)	*73*		*18 - 137*	*10/11/25 07:21*	*10/11/25 13:48*	*1*
2-Fluorobiphenyl	*80*		*33 - 117*	*10/11/25 07:21*	*10/11/25 13:48*	*1*
2-Fluorophenol (Surr)	*87*		*24 - 120*	*10/11/25 07:21*	*10/11/25 13:48*	*1*
Nitrobenzene-d5 (Surr)	*87*		*27 - 120*	*10/11/25 07:21*	*10/11/25 13:48*	*1*
Phenol-d5 (Surr)	*84*		*28 - 118*	*10/11/25 07:21*	*10/11/25 13:48*	*1*
Terphenyl-d14 (Surr)	*86*		*33 - 124*	*10/11/25 07:21*	*10/11/25 13:48*	*1*

Lab Sample ID: LCS 460-1067581/2-A
Matrix: Solid
Analysis Batch: 1067621

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 1067581

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
1,1'-Biphenyl	3.33	2.96		mg/Kg		89	64 - 120
1,2,4,5-Tetrachlorobenzene	3.33	2.96		mg/Kg		89	60 - 120
1,4-Dioxane	3.33	1.73		mg/Kg		52	31 - 105
2,2'-oxybis[1-chloropropane]	3.33	2.88		mg/Kg		86	50 - 126
2,3,4,6-Tetrachlorophenol	3.33	3.07		mg/Kg		92	62 - 120
2,4,5-Trichlorophenol	3.33	3.13		mg/Kg		94	64 - 120
2,4,6-Trichlorophenol	3.33	3.12		mg/Kg		94	65 - 120
2,4-Dichlorophenol	3.33	3.24		mg/Kg		97	66 - 120
2,4-Dimethylphenol	3.33	3.14		mg/Kg		94	75 - 136
2,4-Dinitrophenol	6.67	7.48		mg/Kg		112	41 - 120
2,4-Dinitrotoluene	3.33	3.70		mg/Kg		111	65 - 124
2,6-Dinitrotoluene	3.33	3.52		mg/Kg		106	67 - 121
2-Chloronaphthalene	3.33	2.94		mg/Kg		88	64 - 120
2-Chlorophenol	3.33	3.15		mg/Kg		94	63 - 120
2-Methylnaphthalene	3.33	3.13		mg/Kg		94	56 - 102
2-Methylphenol	3.33	3.10		mg/Kg		93	63 - 120
2-Nitroaniline	3.33	3.16		mg/Kg		95	52 - 120
2-Nitrophenol	3.33	3.61		mg/Kg		108	64 - 120
3 & 4 Methylphenol	3.33	3.10		mg/Kg		93	61 - 120
3,3'-Dichlorobenzidine	3.33	1.44		mg/Kg		43	10 - 106
3-Nitroaniline	3.33	2.25		mg/Kg		68	18 - 105
4,6-Dinitro-2-methylphenol	6.67	7.29		mg/Kg		109	61 - 127
4-Bromophenyl phenyl ether	3.33	3.22		mg/Kg		96	64 - 120
4-Chloro-3-methylphenol	3.33	3.18		mg/Kg		96	68 - 120
4-Chloroaniline	3.33	1.72		mg/Kg		52	10 - 107
4-Chlorophenyl phenyl ether	3.33	3.02		mg/Kg		91	62 - 120
4-Methylphenol	3.33	3.10		mg/Kg		93	61 - 120
4-Nitroaniline	3.33	3.04		mg/Kg		91	51 - 112
4-Nitrophenol	6.67	6.30		mg/Kg		94	52 - 122
Acenaphthene	3.33	2.90		mg/Kg		87	65 - 120
Acenaphthylene	3.33	2.99		mg/Kg		90	68 - 120
Acetophenone	3.33	2.99		mg/Kg		90	61 - 111
Anthracene	3.33	3.10		mg/Kg		93	67 - 120

Method: 8270E - Semivolatile Organic Compounds (GC/MS) (Continued)

Lab Sample ID: LCS 460-1067581/2-A
Matrix: Solid
Analysis Batch: 1067621

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 1067581

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
Atrazine	1.33	1.94		mg/Kg		145	52 - 150
Benzaldehyde	1.33	1.37		mg/Kg		103	45 - 150
Benzo[a]anthracene	3.33	3.01		mg/Kg		90	66 - 120
Benzo[a]pyrene	3.33	3.07		mg/Kg		92	69 - 123
Benzo[b]fluoranthene	3.33	3.10		mg/Kg		93	66 - 125
Benzo[g,h,i]perylene	3.33	2.91		mg/Kg		87	66 - 138
Benzo[k]fluoranthene	3.33	3.03		mg/Kg		91	67 - 122
Bis(2-chloroethoxy)methane	3.33	3.06		mg/Kg		92	62 - 120
Bis(2-chloroethyl)ether	3.33	2.92		mg/Kg		88	60 - 120
Bis(2-ethylhexyl) phthalate	3.33	3.25		mg/Kg		97	64 - 125
Butyl benzyl phthalate	3.33	3.46		mg/Kg		104	62 - 127
Caprolactam	1.33	1.82		mg/Kg		136	46 - 150
Carbazole	3.33	3.10		mg/Kg		93	64 - 120
Chrysene	3.33	3.09		mg/Kg		93	67 - 120
Dibenz(a,h)anthracene	3.33	3.21		mg/Kg		96	66 - 128
Dibenzofuran	3.33	2.94		mg/Kg		88	61 - 120
Diethyl phthalate	3.33	2.98		mg/Kg		89	63 - 120
Dimethyl phthalate	3.33	3.02		mg/Kg		91	65 - 120
Di-n-butyl phthalate	3.33	3.37		mg/Kg		101	61 - 120
Di-n-octyl phthalate	3.33	3.38		mg/Kg		101	61 - 123
Fluoranthene	3.33	3.07		mg/Kg		92	61 - 120
Fluorene	3.33	2.97		mg/Kg		89	64 - 120
Hexachlorobenzene	3.33	3.13		mg/Kg		94	66 - 120
Hexachlorobutadiene	3.33	3.05		mg/Kg		91	62 - 120
Hexachlorocyclopentadiene	3.33	2.89		mg/Kg		87	32 - 150
Hexachloroethane	3.33	3.00		mg/Kg		90	61 - 112
Indeno[1,2,3-cd]pyrene	3.33	3.16		mg/Kg		95	63 - 137
Isophorone	3.33	2.96		mg/Kg		89	61 - 120
Naphthalene	3.33	3.00		mg/Kg		90	63 - 113
Nitrobenzene	3.33	3.14		mg/Kg		94	63 - 120
N-Nitrosodi-n-propylamine	3.33	2.90		mg/Kg		87	60 - 120
N-Nitrosodiphenylamine	3.33	3.12		mg/Kg		94	63 - 120
Pentachlorophenol	6.67	6.80		mg/Kg		102	61 - 126
Phenanthrene	3.33	3.09		mg/Kg		93	66 - 120
Phenol	3.33	3.06		mg/Kg		92	63 - 120
Pyrene	3.33	3.15		mg/Kg		94	61 - 121

Surrogate	*LCS %Recovery*	*LCS Qualifier*	*Limits*
2,4,6-Tribromophenol (Surr)	*82*		*18 - 137*
2-Fluorobiphenyl	*79*		*33 - 117*
2-Fluorophenol (Surr)	*85*		*24 - 120*
Nitrobenzene-d5 (Surr)	*83*		*27 - 120*
Phenol-d5 (Surr)	*82*		*28 - 118*
Terphenyl-d14 (Surr)	*83*		*33 - 124*

Method: 8270E - Semivolatile Organic Compounds (GC/MS) (Continued)

Lab Sample ID: LCSD 460-1067581/3-A
Matrix: Solid
Analysis Batch: 1067621

Client Sample ID: Lab Control Sample Dup
Prep Type: Total/NA
Prep Batch: 1067581

Analyte			Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
1,1'-Biphenyl			3.33	3.09		mg/Kg		93	64 - 120	4	30
1,2,4,5-Tetrachlorobenzene			3.33	3.09		mg/Kg		93	60 - 120	4	30
1,4-Dioxane			3.33	1.83		mg/Kg		55	31 - 105	5	30
2,2'-oxybis[1-chloropropane]			3.33	2.98		mg/Kg		89	50 - 126	3	30
2,3,4,6-Tetrachlorophenol			3.33	3.26		mg/Kg		98	62 - 120	6	30
2,4,5-Trichlorophenol			3.33	3.29		mg/Kg		99	64 - 120	5	30
2,4,6-Trichlorophenol			3.33	3.26		mg/Kg		98	65 - 120	5	30
2,4-Dichlorophenol			3.33	3.40		mg/Kg		102	66 - 120	5	30
2,4-Dimethylphenol			3.33	3.30		mg/Kg		99	75 - 136	5	30
2,4-Dinitrophenol			6.67	7.99		mg/Kg		120	41 - 120	7	30
2,4-Dinitrotoluene			3.33	3.89		mg/Kg		117	65 - 124	5	30
2,6-Dinitrotoluene			3.33	3.68		mg/Kg		111	67 - 121	4	30
2-Chloronaphthalene			3.33	3.06		mg/Kg		92	64 - 120	4	30
2-Chlorophenol			3.33	3.32		mg/Kg		99	63 - 120	5	30
2-Methylnaphthalene			3.33	3.29		mg/Kg		99	56 - 102	5	30
2-Methylphenol			3.33	3.25		mg/Kg		97	63 - 120	5	30
2-Nitroaniline			3.33	3.34		mg/Kg		100	52 - 120	5	30
2-Nitrophenol			3.33	3.79		mg/Kg		114	64 - 120	5	30
3 & 4 Methylphenol			3.33	3.26		mg/Kg		98	61 - 120	5	30
3,3'-Dichlorobenzidine			3.33	1.55		mg/Kg		47	10 - 106	8	30
3-Nitroaniline			3.33	2.42		mg/Kg		73	18 - 105	7	30
4,6-Dinitro-2-methylphenol			6.67	7.76		mg/Kg		116	61 - 127	6	30
4-Bromophenyl phenyl ether			3.33	3.40		mg/Kg		102	64 - 120	6	30
4-Chloro-3-methylphenol			3.33	3.35		mg/Kg		101	68 - 120	5	30
4-Chloroaniline			3.33	1.71		mg/Kg		51	10 - 107	0	30
4-Chlorophenyl phenyl ether			3.33	3.15		mg/Kg		94	62 - 120	4	30
4-Methylphenol			3.33	3.26		mg/Kg		98	61 - 120	5	30
4-Nitroaniline			3.33	3.20		mg/Kg		96	51 - 112	5	30
4-Nitrophenol			6.67	6.65		mg/Kg		100	52 - 122	5	30
Acenaphthene			3.33	3.04		mg/Kg		91	65 - 120	5	30
Acenaphthylene			3.33	3.16		mg/Kg		95	68 - 120	6	30
Acetophenone			3.33	3.15		mg/Kg		95	61 - 111	5	30
Anthracene			3.33	3.30		mg/Kg		99	67 - 120	6	30
Atrazine			1.33	2.38	*	mg/Kg		179	52 - 150	21	30
Benzaldehyde			1.33	1.70		mg/Kg		127	45 - 150	21	30
Benzo[a]anthracene			3.33	3.23		mg/Kg		97	66 - 120	7	30
Benzo[a]pyrene			3.33	3.28		mg/Kg		98	69 - 123	7	30
Benzo[b]fluoranthene			3.33	3.31		mg/Kg		99	66 - 125	7	30
Benzo[g,h,i]perylene			3.33	3.15		mg/Kg		94	66 - 138	8	30
Benzo[k]fluoranthene			3.33	3.20		mg/Kg		96	67 - 122	5	30
Bis(2-chloroethoxy)methane			3.33	3.17		mg/Kg		95	62 - 120	3	30
Bis(2-chloroethyl)ether			3.33	3.08		mg/Kg		92	60 - 120	5	30
Bis(2-ethylhexyl) phthalate			3.33	3.40		mg/Kg		102	64 - 125	5	30
Butyl benzyl phthalate			3.33	3.67		mg/Kg		110	62 - 127	6	30
Caprolactam			1.33	2.26	*	mg/Kg		170	46 - 150	22	30
Carbazole			3.33	3.29		mg/Kg		99	64 - 120	6	30
Chrysene			3.33	3.35		mg/Kg		100	67 - 120	8	30
Dibenz(a,h)anthracene			3.33	3.45		mg/Kg		103	66 - 128	7	30

Method: 8270E - Semivolatile Organic Compounds (GC/MS) (Continued)

Lab Sample ID: LCSD 460-1067581/3-A
Matrix: Solid
Analysis Batch: 1067621

Client Sample ID: Lab Control Sample Dup
Prep Type: Total/NA
Prep Batch: 1067581

Analyte			Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Dibenzofuran			3.33	3.07		mg/Kg		92	61 - 120	4	30
Diethyl phthalate			3.33	3.11		mg/Kg		93	63 - 120	4	30
Dimethyl phthalate			3.33	3.16		mg/Kg		95	65 - 120	5	30
Di-n-butyl phthalate			3.33	3.61		mg/Kg		108	61 - 120	7	30
Di-n-octyl phthalate			3.33	3.61		mg/Kg		108	61 - 123	7	30
Fluoranthene			3.33	3.26		mg/Kg		98	61 - 120	6	30
Fluorene			3.33	3.09		mg/Kg		93	64 - 120	4	30
Hexachlorobenzene			3.33	3.32		mg/Kg		100	66 - 120	6	30
Hexachlorobutadiene			3.33	3.21		mg/Kg		96	62 - 120	5	30
Hexachlorocyclopentadiene			3.33	3.09		mg/Kg		93	32 - 150	7	30
Hexachloroethane			3.33	3.15		mg/Kg		94	61 - 112	5	30
Indeno[1,2,3-cd]pyrene			3.33	3.42		mg/Kg		103	63 - 137	8	30
Isophorone			3.33	3.10		mg/Kg		93	61 - 120	5	30
Naphthalene			3.33	3.13		mg/Kg		94	63 - 113	4	30
Nitrobenzene			3.33	3.26		mg/Kg		98	63 - 120	4	30
N-Nitrosodi-n-propylamine			3.33	3.06		mg/Kg		92	60 - 120	5	30
N-Nitrosodiphenylamine			3.33	3.32		mg/Kg		99	63 - 120	6	30
Pentachlorophenol			6.67	7.23		mg/Kg		108	61 - 126	6	30
Phenanthrene			3.33	3.30		mg/Kg		99	66 - 120	7	30
Phenol			3.33	3.20		mg/Kg		96	63 - 120	5	30
Pyrene			3.33	3.36		mg/Kg		101	61 - 121	7	30

Surrogate	*LCSD %Recovery*	*LCSD Qualifier*	*Limits*
2,4,6-Tribromophenol (Surr)	*88*		*18 - 137*
2-Fluorobiphenyl	*83*		*33 - 117*
2-Fluorophenol (Surr)	*89*		*24 - 120*
Nitrobenzene-d5 (Surr)	*87*		*27 - 120*
Phenol-d5 (Surr)	*86*		*28 - 118*
Terphenyl-d14 (Surr)	*90*		*33 - 124*

Lab Sample ID: 460-336881-12 MS
Matrix: Solid
Analysis Batch: 1067621

Client Sample ID: 3B_7-14
Prep Type: Total/NA
Prep Batch: 1067581

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec Limits		
1,1'-Biphenyl	0.34	U	3.46	3.23		mg/Kg	☼	94	64 - 120		
1,2,4,5-Tetrachlorobenzene	0.34	U	3.46	3.29		mg/Kg	☼	95	60 - 120		
1,4-Dioxane	0.034	U	3.46	2.14		mg/Kg	☼	62	31 - 105		
2,2'-oxybis[1-chloropropane]	0.34	U	3.46	3.07		mg/Kg	☼	89	50 - 126		
2,3,4,6-Tetrachlorophenol	0.34	U	3.46	3.34		mg/Kg	☼	97	62 - 120		
2,4,5-Trichlorophenol	0.34	U	3.46	3.41		mg/Kg	☼	99	64 - 120		
2,4,6-Trichlorophenol	0.14	U	3.46	3.39		mg/Kg	☼	98	65 - 120		
2,4-Dichlorophenol	0.14	U	3.46	3.49		mg/Kg	☼	101	66 - 120		
2,4-Dimethylphenol	0.34	U	3.46	3.37		mg/Kg	☼	98	75 - 136		
2,4-Dinitrophenol	0.28	U	6.91	8.15		mg/Kg	☼	118	41 - 120		
2,4-Dinitrotoluene	0.069	U	3.46	3.98		mg/Kg	☼	115	65 - 124		
2,6-Dinitrotoluene	0.069	U	3.46	3.81		mg/Kg	☼	110	67 - 121		
2-Chloronaphthalene	0.34	U	3.46	3.23		mg/Kg	☼	93	64 - 120		

Method: 8270E - Semivolatile Organic Compounds (GC/MS) (Continued)

Lab Sample ID: 460-336881-12 MS
Matrix: Solid
Analysis Batch: 1067621

Client Sample ID: 3B_7-14
Prep Type: Total/NA
Prep Batch: 1067581

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec Limits
2-Chlorophenol	0.34	U	3.46	3.36		mg/Kg	☼	97	63 - 120
2-Methylnaphthalene	0.34	U	3.46	3.37		mg/Kg	☼	97	56 - 102
2-Methylphenol	0.34	U	3.46	3.25		mg/Kg	☼	94	63 - 120
2-Nitroaniline	0.34	U	3.46	3.40		mg/Kg	☼	98	52 - 120
2-Nitrophenol	0.34	U	3.46	3.93		mg/Kg	☼	114	64 - 120
3 & 4 Methylphenol	0.34	U	3.46	3.24		mg/Kg	☼	94	61 - 120
3,3'-Dichlorobenzidine	0.14	U	3.46	2.81		mg/Kg	☼	81	10 - 106
3-Nitroaniline	0.34	U	3.46	2.67		mg/Kg	☼	77	18 - 105
4,6-Dinitro-2-methylphenol	0.28	U	6.91	8.22		mg/Kg	☼	119	61 - 127
4-Bromophenyl phenyl ether	0.34	U	3.46	3.64		mg/Kg	☼	105	64 - 120
4-Chloro-3-methylphenol	0.34	U	3.46	3.38		mg/Kg	☼	98	68 - 120
4-Chloroaniline	0.34	U	3.46	2.15		mg/Kg	☼	62	10 - 107
4-Chlorophenyl phenyl ether	0.34	U	3.46	3.28		mg/Kg	☼	95	62 - 120
4-Methylphenol	0.34	U	3.46	3.24		mg/Kg	☼	94	61 - 120
4-Nitroaniline	0.34	U	3.46	3.27		mg/Kg	☼	95	51 - 112
4-Nitrophenol	0.69	U	6.91	6.75		mg/Kg	☼	98	52 - 122
Acenaphthene	0.34	U	3.46	3.17		mg/Kg	☼	92	65 - 120
Acenaphthylene	0.34	U	3.46	3.26		mg/Kg	☼	94	68 - 120
Acetophenone	0.34	U	3.46	3.16		mg/Kg	☼	92	61 - 111
Anthracene	0.34	U	3.46	3.42		mg/Kg	☼	99	67 - 120
Atrazine	0.14	U *	1.38	2.30	E *	mg/Kg	☼	166	52 - 150
Benzaldehyde	0.34	U	1.38	1.97	E	mg/Kg	☼	143	45 - 150
Benzo[a]anthracene	0.034	U	3.46	3.46		mg/Kg	☼	100	66 - 120
Benzo[a]pyrene	0.034	U	3.46	3.51		mg/Kg	☼	102	69 - 123
Benzo[b]fluoranthene	0.034	U	3.46	3.51		mg/Kg	☼	102	66 - 125
Benzo[g,h,i]perylene	0.34	U	3.46	3.29		mg/Kg	☼	95	66 - 138
Benzo[k]fluoranthene	0.034	U	3.46	3.51		mg/Kg	☼	101	67 - 122
Bis(2-chloroethoxy)methane	0.34	U	3.46	3.26		mg/Kg	☼	94	62 - 120
Bis(2-chloroethyl)ether	0.034	U	3.46	3.15		mg/Kg	☼	91	60 - 120
Bis(2-ethylhexyl) phthalate	0.34	U	3.46	3.67		mg/Kg	☼	106	64 - 125
Butyl benzyl phthalate	0.34	U	3.46	4.00		mg/Kg	☼	116	62 - 127
Caprolactam	0.34	U *	1.38	2.05		mg/Kg	☼	148	46 - 150
Carbazole	0.34	U	3.46	3.41		mg/Kg	☼	99	64 - 120
Chrysene	0.34	U	3.46	3.61		mg/Kg	☼	104	67 - 120
Dibenz(a,h)anthracene	0.034	U	3.46	3.59		mg/Kg	☼	104	66 - 128
Dibenzofuran	0.34	U	3.46	3.17		mg/Kg	☼	92	61 - 120
Diethyl phthalate	0.34	U	3.46	3.22		mg/Kg	☼	93	63 - 120
Dimethyl phthalate	0.34	U	3.46	3.28		mg/Kg	☼	95	65 - 120
Di-n-butyl phthalate	0.34	U	3.46	3.71		mg/Kg	☼	107	61 - 120
Di-n-octyl phthalate	0.34	U	3.46	3.97		mg/Kg	☼	115	61 - 123
Fluoranthene	0.34	U	3.46	3.34		mg/Kg	☼	97	61 - 120
Fluorene	0.34	U	3.46	3.14		mg/Kg	☼	91	64 - 120
Hexachlorobenzene	0.034	U	3.46	3.50		mg/Kg	☼	101	66 - 120
Hexachlorobutadiene	0.069	U	3.46	3.37		mg/Kg	☼	98	62 - 120
Hexachlorocyclopentadiene	0.34	U	3.46	3.42		mg/Kg	☼	99	32 - 150
Hexachloroethane	0.034	U	3.46	3.28		mg/Kg	☼	95	61 - 112
Indeno[1,2,3-cd]pyrene	0.034	U	3.46	3.57		mg/Kg	☼	103	63 - 137
Isophorone	0.14	U	3.46	3.18		mg/Kg	☼	92	61 - 120
Naphthalene	0.34	U	3.46	3.25		mg/Kg	☼	94	63 - 113

Method: 8270E - Semivolatile Organic Compounds (GC/MS) (Continued)

Lab Sample ID: 460-336881-12 MS
Matrix: Solid
Analysis Batch: 1067621

Client Sample ID: 3B_7-14
Prep Type: Total/NA
Prep Batch: 1067581

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec Limits
Nitrobenzene	0.034	U	3.46	3.34		mg/Kg	☼	97	63 - 120
N-Nitrosodi-n-propylamine	0.034	U	3.46	3.08		mg/Kg	☼	89	60 - 120
N-Nitrosodiphenylamine	0.34	U	3.46	3.55		mg/Kg	☼	103	63 - 120
Pentachlorophenol	0.28	U	6.91	7.68		mg/Kg	☼	111	61 - 126
Phenanthrene	0.34	U	3.46	3.45		mg/Kg	☼	100	66 - 120
Phenol	0.34	U	3.46	3.29		mg/Kg	☼	95	63 - 120
Pyrene	0.34	U	3.46	3.72		mg/Kg	☼	108	61 - 121

Surrogate	*MS %Recovery*	*MS Qualifier*	*Limits*
2,4,6-Tribromophenol (Surr)	*80*		*18 - 137*
2-Fluorobiphenyl	*78*		*33 - 117*
2-Fluorophenol (Surr)	*82*		*24 - 120*
Nitrobenzene-d5 (Surr)	*81*		*27 - 120*
Phenol-d5 (Surr)	*77*		*28 - 118*
Terphenyl-d14 (Surr)	*89*		*33 - 124*

Lab Sample ID: 460-336881-12 MSD
Matrix: Solid
Analysis Batch: 1067621

Client Sample ID: 3B_7-14
Prep Type: Total/NA
Prep Batch: 1067581

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
1,1'-Biphenyl	0.34	U	3.46	2.76		mg/Kg	☼	80	64 - 120	16	30
1,2,4,5-Tetrachlorobenzene	0.34	U	3.46	2.79		mg/Kg	☼	81	60 - 120	16	30
1,4-Dioxane	0.034	U	3.46	1.85		mg/Kg	☼	53	31 - 105	15	30
2,2'-oxybis[1-chloropropane]	0.34	U	3.46	2.76		mg/Kg	☼	80	50 - 126	10	30
2,3,4,6-Tetrachlorophenol	0.34	U	3.46	2.81		mg/Kg	☼	81	62 - 120	17	30
2,4,5-Trichlorophenol	0.34	U	3.46	2.91		mg/Kg	☼	84	64 - 120	16	30
2,4,6-Trichlorophenol	0.14	U	3.46	2.90		mg/Kg	☼	84	65 - 120	16	30
2,4-Dichlorophenol	0.14	U	3.46	3.02		mg/Kg	☼	87	66 - 120	14	30
2,4-Dimethylphenol	0.34	U	3.46	2.97		mg/Kg	☼	86	75 - 136	13	30
2,4-Dinitrophenol	0.28	U	6.92	6.92		mg/Kg	☼	100	41 - 120	16	30
2,4-Dinitrotoluene	0.069	U	3.46	3.39		mg/Kg	☼	98	65 - 124	16	30
2,6-Dinitrotoluene	0.069	U	3.46	3.24		mg/Kg	☼	94	67 - 121	16	30
2-Chloronaphthalene	0.34	U	3.46	2.77		mg/Kg	☼	80	64 - 120	15	30
2-Chlorophenol	0.34	U	3.46	3.01		mg/Kg	☼	87	63 - 120	11	30
2-Methylnaphthalene	0.34	U	3.46	2.94		mg/Kg	☼	85	56 - 102	13	30
2-Methylphenol	0.34	U	3.46	2.95		mg/Kg	☼	85	63 - 120	10	30
2-Nitroaniline	0.34	U	3.46	2.97		mg/Kg	☼	86	52 - 120	14	30
2-Nitrophenol	0.34	U	3.46	3.43		mg/Kg	☼	99	64 - 120	13	30
3 & 4 Methylphenol	0.34	U	3.46	2.91		mg/Kg	☼	84	61 - 120	11	30
3,3'-Dichlorobenzidine	0.14	U	3.46	2.21		mg/Kg	☼	64	10 - 106	24	30
3-Nitroaniline	0.34	U	3.46	2.28		mg/Kg	☼	66	18 - 105	16	30
4,6-Dinitro-2-methylphenol	0.28	U	6.92	7.00		mg/Kg	☼	101	61 - 127	16	30
4-Bromophenyl phenyl ether	0.34	U	3.46	3.08		mg/Kg	☼	89	64 - 120	17	30
4-Chloro-3-methylphenol	0.34	U	3.46	2.96		mg/Kg	☼	86	68 - 120	13	30
4-Chloroaniline	0.34	U	3.46	1.67		mg/Kg	☼	48	10 - 107	25	30
4-Chlorophenyl phenyl ether	0.34	U	3.46	2.81		mg/Kg	☼	81	62 - 120	16	30
4-Methylphenol	0.34	U	3.46	2.91		mg/Kg	☼	84	61 - 120	11	30

Method: 8270E - Semivolatile Organic Compounds (GC/MS) (Continued)

Lab Sample ID: 460-336881-12 MSD
Matrix: Solid
Analysis Batch: 1067621

Client Sample ID: 3B_7-14
Prep Type: Total/NA
Prep Batch: 1067581

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
4-Nitroaniline	0.34	U	3.46	2.82		mg/Kg	☼	82	51 - 112	15	30
4-Nitrophenol	0.69	U	6.92	5.76		mg/Kg	☼	83	52 - 122	16	30
Acenaphthene	0.34	U	3.46	2.75		mg/Kg	☼	79	65 - 120	14	30
Acenaphthylene	0.34	U	3.46	2.82		mg/Kg	☼	82	68 - 120	14	30
Acetophenone	0.34	U	3.46	2.87		mg/Kg	☼	83	61 - 111	10	30
Anthracene	0.34	U	3.46	2.93		mg/Kg	☼	85	67 - 120	15	30
Atrazine	0.14	U *	1.38	1.96		mg/Kg	☼	142	52 - 150	16	30
Benzaldehyde	0.34	U	1.38	1.83	E	mg/Kg	☼	132	45 - 150	8	30
Benzo[a]anthracene	0.034	U	3.46	2.86		mg/Kg	☼	83	66 - 120	19	30
Benzo[a]pyrene	0.034	U	3.46	2.94		mg/Kg	☼	85	69 - 123	18	30
Benzo[b]fluoranthene	0.034	U	3.46	2.96		mg/Kg	☼	85	66 - 125	17	30
Benzo[g,h,i]perylene	0.34	U	3.46	2.70		mg/Kg	☼	78	66 - 138	20	30
Benzo[k]fluoranthene	0.034	U	3.46	2.92		mg/Kg	☼	84	67 - 122	18	30
Bis(2-chloroethoxy)methane	0.34	U	3.46	2.87		mg/Kg	☼	83	62 - 120	13	30
Bis(2-chloroethyl)ether	0.034	U	3.46	2.79		mg/Kg	☼	81	60 - 120	12	30
Bis(2-ethylhexyl) phthalate	0.34	U	3.46	3.04		mg/Kg	☼	88	64 - 125	19	30
Butyl benzyl phthalate	0.34	U	3.46	3.27		mg/Kg	☼	95	62 - 127	20	30
Caprolactam	0.34	U *	1.38	1.83		mg/Kg	☼	132	46 - 150	11	30
Carbazole	0.34	U	3.46	2.92		mg/Kg	☼	84	64 - 120	15	30
Chrysene	0.34	U	3.46	2.93		mg/Kg	☼	85	67 - 120	21	30
Dibenz(a,h)anthracene	0.034	U	3.46	2.98		mg/Kg	☼	86	66 - 128	19	30
Dibenzofuran	0.34	U	3.46	2.75		mg/Kg	☼	79	61 - 120	14	30
Diethyl phthalate	0.34	U	3.46	2.73		mg/Kg	☼	79	63 - 120	17	30
Dimethyl phthalate	0.34	U	3.46	2.81		mg/Kg	☼	81	65 - 120	16	30
Di-n-butyl phthalate	0.34	U	3.46	3.18		mg/Kg	☼	92	61 - 120	15	30
Di-n-octyl phthalate	0.34	U	3.46	3.35		mg/Kg	☼	97	61 - 123	17	30
Fluoranthene	0.34	U	3.46	2.88		mg/Kg	☼	83	61 - 120	15	30
Fluorene	0.34	U	3.46	2.74		mg/Kg	☼	79	64 - 120	14	30
Hexachlorobenzene	0.034	U	3.46	2.97		mg/Kg	☼	86	66 - 120	16	30
Hexachlorobutadiene	0.069	U	3.46	2.90		mg/Kg	☼	84	62 - 120	15	30
Hexachlorocyclopentadiene	0.34	U	3.46	2.92		mg/Kg	☼	84	32 - 150	16	30
Hexachloroethane	0.034	U	3.46	2.91		mg/Kg	☼	84	61 - 112	12	30
Indeno[1,2,3-cd]pyrene	0.034	U	3.46	2.93		mg/Kg	☼	85	63 - 137	20	30
Isophorone	0.14	U	3.46	2.83		mg/Kg	☼	82	61 - 120	12	30
Naphthalene	0.34	U	3.46	2.85		mg/Kg	☼	82	63 - 113	13	30
Nitrobenzene	0.034	U	3.46	2.99		mg/Kg	☼	86	63 - 120	11	30
N-Nitrosodi-n-propylamine	0.034	U	3.46	2.78		mg/Kg	☼	80	60 - 120	10	30
N-Nitrosodiphenylamine	0.34	U	3.46	3.00		mg/Kg	☼	87	63 - 120	17	30
Pentachlorophenol	0.28	U	6.92	6.40		mg/Kg	☼	92	61 - 126	18	30
Phenanthrene	0.34	U	3.46	2.97		mg/Kg	☼	86	66 - 120	15	30
Phenol	0.34	U	3.46	2.91		mg/Kg	☼	84	63 - 120	12	30
Pyrene	0.34	U	3.46	3.10		mg/Kg	☼	90	61 - 121	18	30

Surrogate	*MSD %Recovery*	*MSD Qualifier*	*Limits*
2,4,6-Tribromophenol (Surr)	*66*		*18 - 137*
2-Fluorobiphenyl	*66*		*33 - 117*
2-Fluorophenol (Surr)	*68*		*24 - 120*
Nitrobenzene-d5 (Surr)	*69*		*27 - 120*

Method: 8270E - Semivolatile Organic Compounds (GC/MS) (Continued)

Lab Sample ID: 460-336881-12 MSD
Matrix: Solid
Analysis Batch: 1067621

Client Sample ID: 3B_7-14
Prep Type: Total/NA
Prep Batch: 1067581

Surrogate	MSD %Recovery	MSD Qualifier	Limits
Phenol-d5 (Surr)	*69*		*28 - 118*
Terphenyl-d14 (Surr)	*72*		*33 - 124*

Method: 8081B - Organochlorine Pesticides (GC)

Lab Sample ID: MB 460-1067685/1-A
Matrix: Solid
Analysis Batch: 1067743

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 1067685

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
4,4'-DDD	0.0067	U	0.0067	0.0011	mg/Kg		10/11/25 17:27	10/12/25 11:27	1
4,4'-DDD	0.0067	U	0.0067	0.0011	mg/Kg		10/11/25 17:27	10/12/25 11:27	1
4,4'-DDE	0.0067	U	0.0067	0.00079	mg/Kg		10/11/25 17:27	10/12/25 11:27	1
4,4'-DDE	0.0067	U	0.0067	0.00079	mg/Kg		10/11/25 17:27	10/12/25 11:27	1
4,4'-DDT	0.0067	U	0.0067	0.0012	mg/Kg		10/11/25 17:27	10/12/25 11:27	1
4,4'-DDT	0.0067	U	0.0067	0.0012	mg/Kg		10/11/25 17:27	10/12/25 11:27	1
Aldrin	0.0067	U	0.0067	0.0010	mg/Kg		10/11/25 17:27	10/12/25 11:27	1
Aldrin	0.0067	U	0.0067	0.0010	mg/Kg		10/11/25 17:27	10/12/25 11:27	1
alpha-BHC	0.0020	U	0.0020	0.00068	mg/Kg		10/11/25 17:27	10/12/25 11:27	1
alpha-BHC	0.0020	U	0.0020	0.00068	mg/Kg		10/11/25 17:27	10/12/25 11:27	1
beta-BHC	0.0020	U	0.0020	0.00075	mg/Kg		10/11/25 17:27	10/12/25 11:27	1
beta-BHC	0.0020	U	0.0020	0.00075	mg/Kg		10/11/25 17:27	10/12/25 11:27	1
Chlordane (technical)	0.067	U	0.067	0.016	mg/Kg		10/11/25 17:27	10/12/25 11:27	1
Chlordane (technical)	0.067	U	0.067	0.016	mg/Kg		10/11/25 17:27	10/12/25 11:27	1
cis-Chlordane	0.0067	U	0.0067	0.0011	mg/Kg		10/11/25 17:27	10/12/25 11:27	1
cis-Chlordane	0.0067	U	0.0067	0.0011	mg/Kg		10/11/25 17:27	10/12/25 11:27	1
delta-BHC	0.0020	U	0.0020	0.00041	mg/Kg		10/11/25 17:27	10/12/25 11:27	1
delta-BHC	0.0020	U	0.0020	0.00041	mg/Kg		10/11/25 17:27	10/12/25 11:27	1
Dieldrin	0.0020	U	0.0020	0.00087	mg/Kg		10/11/25 17:27	10/12/25 11:27	1
Dieldrin	0.0020	U	0.0020	0.00087	mg/Kg		10/11/25 17:27	10/12/25 11:27	1
Endosulfan I	0.0067	U	0.0067	0.0010	mg/Kg		10/11/25 17:27	10/12/25 11:27	1
Endosulfan I	0.0067	U	0.0067	0.0010	mg/Kg		10/11/25 17:27	10/12/25 11:27	1
Endosulfan II	0.0067	U	0.0067	0.0017	mg/Kg		10/11/25 17:27	10/12/25 11:27	1
Endosulfan II	0.0067	U	0.0067	0.0017	mg/Kg		10/11/25 17:27	10/12/25 11:27	1
Endosulfan sulfate	0.0067	U	0.0067	0.00084	mg/Kg		10/11/25 17:27	10/12/25 11:27	1
Endosulfan sulfate	0.0067	U	0.0067	0.00084	mg/Kg		10/11/25 17:27	10/12/25 11:27	1
Endrin	0.0067	U	0.0067	0.00096	mg/Kg		10/11/25 17:27	10/12/25 11:27	1
Endrin	0.0067	U	0.0067	0.00096	mg/Kg		10/11/25 17:27	10/12/25 11:27	1
Endrin aldehyde	0.0067	U	0.0067	0.0016	mg/Kg		10/11/25 17:27	10/12/25 11:27	1
Endrin aldehyde	0.0067	U	0.0067	0.0016	mg/Kg		10/11/25 17:27	10/12/25 11:27	1
Endrin ketone	0.0067	U	0.0067	0.0013	mg/Kg		10/11/25 17:27	10/12/25 11:27	1
Endrin ketone	0.0067	U	0.0067	0.0013	mg/Kg		10/11/25 17:27	10/12/25 11:27	1
gamma-BHC (Lindane)	0.0020	U	0.0020	0.00062	mg/Kg		10/11/25 17:27	10/12/25 11:27	1
gamma-BHC (Lindane)	0.0020	U	0.0020	0.00062	mg/Kg		10/11/25 17:27	10/12/25 11:27	1
Heptachlor	0.0067	U	0.0067	0.00079	mg/Kg		10/11/25 17:27	10/12/25 11:27	1
Heptachlor	0.0067	U	0.0067	0.00079	mg/Kg		10/11/25 17:27	10/12/25 11:27	1
Heptachlor epoxide	0.0067	U	0.0067	0.0010	mg/Kg		10/11/25 17:27	10/12/25 11:27	1
Heptachlor epoxide	0.0067	U	0.0067	0.0010	mg/Kg		10/11/25 17:27	10/12/25 11:27	1
Methoxychlor	0.0067	U	0.0067	0.0015	mg/Kg		10/11/25 17:27	10/12/25 11:27	1

Method: 8081B - Organochlorine Pesticides (GC) (Continued)

Lab Sample ID: MB 460-1067685/1-A
Matrix: Solid
Analysis Batch: 1067743

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 1067685

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Methoxychlor	0.0067	U	0.0067	0.0015	mg/Kg		10/11/25 17:27	10/12/25 11:27	1
Toxaphene	0.067	U	0.067	0.024	mg/Kg		10/11/25 17:27	10/12/25 11:27	1
Toxaphene	0.067	U	0.067	0.024	mg/Kg		10/11/25 17:27	10/12/25 11:27	1

Surrogate	*MB %Recovery*	*MB Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
DCB Decachlorobiphenyl	*70*		*10 - 150*	*10/11/25 17:27*	*10/12/25 11:27*	*1*
DCB Decachlorobiphenyl	*83*		*10 - 150*	*10/11/25 17:27*	*10/12/25 11:27*	*1*
Tetrachloro-m-xylene	*76*		*14 - 150*	*10/11/25 17:27*	*10/12/25 11:27*	*1*
Tetrachloro-m-xylene	*75*		*14 - 150*	*10/11/25 17:27*	*10/12/25 11:27*	*1*

Lab Sample ID: LCS 460-1067685/2-A
Matrix: Solid
Analysis Batch: 1067743

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 1067685

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
4,4'-DDD	0.133	0.148		mg/Kg		111	71 - 134
4,4'-DDD	0.133	0.175		mg/Kg		131	71 - 134
4,4'-DDE	0.133	0.151		mg/Kg		113	71 - 137
4,4'-DDE	0.133	0.177		mg/Kg		132	71 - 137
4,4'-DDT	0.133	0.162		mg/Kg		122	69 - 140
4,4'-DDT	0.133	0.176		mg/Kg		132	69 - 140
Aldrin	0.133	0.143		mg/Kg		107	68 - 136
Aldrin	0.133	0.163		mg/Kg		122	68 - 136
alpha-BHC	0.133	0.162		mg/Kg		121	71 - 136
alpha-BHC	0.133	0.185	*	mg/Kg		138	71 - 136
beta-BHC	0.133	0.154		mg/Kg		115	67 - 133
beta-BHC	0.133	0.173		mg/Kg		130	67 - 133
cis-Chlordane	0.133	0.155		mg/Kg		116	70 - 140
cis-Chlordane	0.133	0.180		mg/Kg		135	70 - 140
delta-BHC	0.133	0.179		mg/Kg		134	70 - 135
delta-BHC	0.133	0.199	*	mg/Kg		149	70 - 135
Dieldrin	0.133	0.148		mg/Kg		111	71 - 135
Dieldrin	0.133	0.178		mg/Kg		134	71 - 135
Endosulfan I	0.133	0.153		mg/Kg		115	70 - 141
Endosulfan I	0.133	0.175		mg/Kg		132	70 - 141
Endosulfan II	0.133	0.156		mg/Kg		117	75 - 141
Endosulfan II	0.133	0.178		mg/Kg		134	75 - 141
Endosulfan sulfate	0.133	0.128		mg/Kg		96	67 - 130
Endosulfan sulfate	0.133	0.147		mg/Kg		110	67 - 130
Endrin	0.133	0.152		mg/Kg		114	66 - 143
Endrin	0.133	0.181		mg/Kg		136	66 - 143
Endrin aldehyde	0.133	0.149		mg/Kg		112	70 - 132
Endrin aldehyde	0.133	0.164		mg/Kg		123	70 - 132
Endrin ketone	0.133	0.151		mg/Kg		113	66 - 137
Endrin ketone	0.133	0.178		mg/Kg		133	66 - 137
gamma-BHC (Lindane)	0.133	0.160		mg/Kg		120	71 - 137
gamma-BHC (Lindane)	0.133	0.178		mg/Kg		134	71 - 137
Heptachlor	0.133	0.153		mg/Kg		115	70 - 140

Method: 8081B - Organochlorine Pesticides (GC) (Continued)

Lab Sample ID: LCS 460-1067685/2-A
Matrix: Solid
Analysis Batch: 1067743

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 1067685

Analyte			Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits		
Heptachlor			0.133	0.169		mg/Kg		127	70 - 140		
Heptachlor epoxide			0.133	0.156		mg/Kg		117	70 - 135		
Heptachlor epoxide			0.133	0.175		mg/Kg		131	70 - 135		
Methoxychlor			0.133	0.147		mg/Kg		110	63 - 138		
Methoxychlor			0.133	0.158		mg/Kg		119	63 - 138		

Surrogate	*LCS %Recovery*	*LCS Qualifier*	*Limits*
DCB Decachlorobiphenyl	*49*		*10 - 150*
DCB Decachlorobiphenyl	*57*		*10 - 150*
Tetrachloro-m-xylene	*53*		*14 - 150*
Tetrachloro-m-xylene	*53*		*14 - 150*

Lab Sample ID: LCSD 460-1067685/3-A
Matrix: Solid
Analysis Batch: 1067743

Client Sample ID: Lab Control Sample Dup
Prep Type: Total/NA
Prep Batch: 1067685

Analyte			Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
4,4'-DDD			0.133	0.150		mg/Kg		113	71 - 134	2	30
4,4'-DDD			0.133	0.178		mg/Kg		133	71 - 134	2	30
4,4'-DDE			0.133	0.154		mg/Kg		116	71 - 137	2	30
4,4'-DDE			0.133	0.182		mg/Kg		136	71 - 137	3	30
4,4'-DDT			0.133	0.166		mg/Kg		125	69 - 140	2	30
4,4'-DDT			0.133	0.180		mg/Kg		135	69 - 140	2	30
Aldrin			0.133	0.143		mg/Kg		107	68 - 136	0	30
Aldrin			0.133	0.163		mg/Kg		122	68 - 136	0	30
alpha-BHC			0.133	0.162		mg/Kg		121	71 - 136	0	30
alpha-BHC			0.133	0.186	*	mg/Kg		139	71 - 136	1	30
beta-BHC			0.133	0.154		mg/Kg		116	67 - 133	0	30
beta-BHC			0.133	0.175		mg/Kg		131	67 - 133	1	30
cis-Chlordane			0.133	0.157		mg/Kg		117	70 - 140	1	30
cis-Chlordane			0.133	0.184		mg/Kg		138	70 - 140	2	30
delta-BHC			0.133	0.181	*	mg/Kg		136	70 - 135	1	30
delta-BHC			0.133	0.203	*	mg/Kg		152	70 - 135	2	30
Dieldrin			0.133	0.151		mg/Kg		113	71 - 135	2	30
Dieldrin			0.133	0.182	*	mg/Kg		136	71 - 135	2	30
Endosulfan I			0.133	0.154		mg/Kg		115	70 - 141	1	30
Endosulfan I			0.133	0.178		mg/Kg		134	70 - 141	2	30
Endosulfan II			0.133	0.158		mg/Kg		119	75 - 141	2	30
Endosulfan II			0.133	0.182		mg/Kg		136	75 - 141	2	30
Endosulfan sulfate			0.133	0.130		mg/Kg		97	67 - 130	1	30
Endosulfan sulfate			0.133	0.149		mg/Kg		112	67 - 130	1	30
Endrin			0.133	0.155		mg/Kg		116	66 - 143	2	30
Endrin			0.133	0.184		mg/Kg		138	66 - 143	2	30
Endrin aldehyde			0.133	0.152		mg/Kg		114	70 - 132	2	30
Endrin aldehyde			0.133	0.166		mg/Kg		125	70 - 132	1	30
Endrin ketone			0.133	0.153		mg/Kg		114	66 - 137	1	30
Endrin ketone			0.133	0.181		mg/Kg		136	66 - 137	2	30
gamma-BHC (Lindane)			0.133	0.160		mg/Kg		120	71 - 137	0	30

Method: 8081B - Organochlorine Pesticides (GC) (Continued)

Lab Sample ID: LCSD 460-1067685/3-A
Matrix: Solid
Analysis Batch: 1067743

Client Sample ID: Lab Control Sample Dup
Prep Type: Total/NA
Prep Batch: 1067685

Analyte			Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
gamma-BHC (Lindane)			0.133	0.180		mg/Kg		135	71 - 137	1	30
Heptachlor			0.133	0.154		mg/Kg		115	70 - 140	0	30
Heptachlor			0.133	0.170		mg/Kg		127	70 - 140	0	30
Heptachlor epoxide			0.133	0.158		mg/Kg		119	70 - 135	1	30
Heptachlor epoxide			0.133	0.177		mg/Kg		133	70 - 135	2	30
Methoxychlor			0.133	0.149		mg/Kg		112	63 - 138	1	30
Methoxychlor			0.133	0.161		mg/Kg		121	63 - 138	2	30

Surrogate	*LCSD %Recovery*	*LCSD Qualifier*	*Limits*
DCB Decachlorobiphenyl	*49*		*10 - 150*
DCB Decachlorobiphenyl	*58*		*10 - 150*
Tetrachloro-m-xylene	*53*		*14 - 150*
Tetrachloro-m-xylene	*53*		*14 - 150*

Lab Sample ID: 460-336881-1 MS
Matrix: Solid
Analysis Batch: 1067743

Client Sample ID: 50A_0-5
Prep Type: Total/NA
Prep Batch: 1067685

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec Limits
4,4'-DDD	0.0069	U	0.138	0.208	*	mg/Kg	☼	150	71 - 134
4,4'-DDD	0.0069	U	0.138	0.232	*	mg/Kg	☼	168	71 - 134
4,4'-DDE	0.0069	U	0.138	0.196	*	mg/Kg	☼	142	71 - 137
4,4'-DDE	0.0069	U	0.138	0.223	*	mg/Kg	☼	162	71 - 137
4,4'-DDT	0.0069	U	0.138	0.230	*	mg/Kg	☼	167	69 - 140
4,4'-DDT	0.0069	U	0.138	0.266	*	mg/Kg	☼	193	69 - 140
Aldrin	0.0069	U	0.138	0.152		mg/Kg	☼	110	68 - 136
Aldrin	0.0069	U	0.138	0.173		mg/Kg	☼	126	68 - 136
alpha-BHC	0.0021	U *	0.138	0.179		mg/Kg	☼	130	71 - 136
alpha-BHC	0.0021	U *	0.138	0.212	*	mg/Kg	☼	153	71 - 136
beta-BHC	0.0021	U	0.138	0.183		mg/Kg	☼	133	67 - 133
beta-BHC	0.0021	U	0.138	0.205	*	mg/Kg	☼	149	67 - 133
cis-Chlordane	0.0069	U	0.138	0.201	*	mg/Kg	☼	146	70 - 140
cis-Chlordane	0.0069	U	0.138	0.228	*	mg/Kg	☼	165	70 - 140
delta-BHC	0.0021	U *	0.138	0.228	*	mg/Kg	☼	165	70 - 135
delta-BHC	0.0021	U *	0.138	0.268	*	mg/Kg	☼	195	70 - 135
Dieldrin	0.0021	U *	0.138	0.198	*	mg/Kg	☼	143	71 - 135
Dieldrin	0.0021	U *	0.138	0.240	*	mg/Kg	☼	174	71 - 135
Endosulfan I	0.0069	U	0.138	0.196	*	mg/Kg	☼	142	70 - 141
Endosulfan I	0.0069	U	0.138	0.227	*	mg/Kg	☼	165	70 - 141
Endosulfan II	0.0069	U	0.138	0.207	*	mg/Kg	☼	150	75 - 141
Endosulfan II	0.0069	U	0.138	0.237	*	mg/Kg	☼	172	75 - 141
Endosulfan sulfate	0.0069	U	0.138	0.163		mg/Kg	☼	118	67 - 130
Endosulfan sulfate	0.0069	U	0.138	0.182	*	mg/Kg	☼	132	67 - 130
Endrin	0.0069	U	0.138	0.206	*	mg/Kg	☼	149	66 - 143
Endrin	0.0069	U	0.138	0.250	*	mg/Kg	☼	181	66 - 143
Endrin aldehyde	0.0069	U	0.138	0.178		mg/Kg	☼	129	70 - 132
Endrin aldehyde	0.0069	U	0.138	0.199	*	mg/Kg	☼	144	70 - 132
Endrin ketone	0.0069	U	0.138	0.200	*	mg/Kg	☼	145	66 - 137

Method: 8081B - Organochlorine Pesticides (GC) (Continued)

Lab Sample ID: 460-336881-1 MS
Matrix: Solid
Analysis Batch: 1067743

Client Sample ID: 50A_0-5
Prep Type: Total/NA
Prep Batch: 1067685

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec Limits
Endrin ketone	0.0069	U	0.138	0.244	*	mg/Kg	☼	177	66 - 137
gamma-BHC (Lindane)	0.0021	U	0.138	0.186		mg/Kg	☼	135	71 - 137
gamma-BHC (Lindane)	0.0021	U	0.138	0.219	*	mg/Kg	☼	159	71 - 137
Heptachlor	0.0069	U	0.138	0.177		mg/Kg	☼	129	70 - 140
Heptachlor	0.0069	U	0.138	0.203	*	mg/Kg	☼	147	70 - 140
Heptachlor epoxide	0.0069	U	0.138	0.201	*	mg/Kg	☼	145	70 - 135
Heptachlor epoxide	0.0069	U	0.138	0.223	*	mg/Kg	☼	162	70 - 135
Methoxychlor	0.0069	U	0.138	0.208	*	mg/Kg	☼	150	63 - 138
Methoxychlor	0.0069	U	0.138	0.233	*	mg/Kg	☼	169	63 - 138

Surrogate	*MS %Recovery*	*MS Qualifier*	*Limits*
DCB Decachlorobiphenyl	*85*		*10 - 150*
DCB Decachlorobiphenyl	*88*		*10 - 150*
Tetrachloro-m-xylene	*46*		*14 - 150*
Tetrachloro-m-xylene	*51*		*14 - 150*

Lab Sample ID: 460-336881-1 MSD
Matrix: Solid
Analysis Batch: 1067743

Client Sample ID: 50A_0-5
Prep Type: Total/NA
Prep Batch: 1067685

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
4,4'-DDD	0.0069	U	0.138	0.181		mg/Kg	☼	131	71 - 134	14	30
4,4'-DDD	0.0069	U	0.138	0.215	*	mg/Kg	☼	156	71 - 134	8	30
4,4'-DDE	0.0069	U	0.138	0.172		mg/Kg	☼	125	71 - 137	13	30
4,4'-DDE	0.0069	U	0.138	0.202	*	mg/Kg	☼	147	71 - 137	10	30
4,4'-DDT	0.0069	U	0.138	0.203	*	mg/Kg	☼	147	69 - 140	13	30
4,4'-DDT	0.0069	U	0.138	0.239	*	mg/Kg	☼	174	69 - 140	10	30
Aldrin	0.0069	U	0.138	0.133		mg/Kg	☼	96	68 - 136	14	30
Aldrin	0.0069	U	0.138	0.155		mg/Kg	☼	112	68 - 136	11	30
alpha-BHC	0.0021	U *	0.138	0.155		mg/Kg	☼	113	71 - 136	14	30
alpha-BHC	0.0021	U *	0.138	0.181		mg/Kg	☼	131	71 - 136	16	30
beta-BHC	0.0021	U	0.138	0.163		mg/Kg	☼	118	67 - 133	11	30
beta-BHC	0.0021	U	0.138	0.184	*	mg/Kg	☼	134	67 - 133	10	30
cis-Chlordane	0.0069	U	0.138	0.176		mg/Kg	☼	128	70 - 140	13	30
cis-Chlordane	0.0069	U	0.138	0.207	*	mg/Kg	☼	150	70 - 140	9	30
delta-BHC	0.0021	U *	0.138	0.199	*	mg/Kg	☼	144	70 - 135	14	30
delta-BHC	0.0021	U *	0.138	0.233	*	mg/Kg	☼	169	70 - 135	14	30
Dieldrin	0.0021	U *	0.138	0.173		mg/Kg	☼	125	71 - 135	13	30
Dieldrin	0.0021	U *	0.138	0.216	*	mg/Kg	☼	156	71 - 135	10	30
Endosulfan I	0.0069	U	0.138	0.172		mg/Kg	☼	125	70 - 141	13	30
Endosulfan I	0.0069	U	0.138	0.205	*	mg/Kg	☼	149	70 - 141	10	30
Endosulfan II	0.0069	U	0.138	0.181		mg/Kg	☼	131	75 - 141	13	30
Endosulfan II	0.0069	U	0.138	0.215	*	mg/Kg	☼	156	75 - 141	10	30
Endosulfan sulfate	0.0069	U	0.138	0.143		mg/Kg	☼	104	67 - 130	13	30
Endosulfan sulfate	0.0069	U	0.138	0.165		mg/Kg	☼	119	67 - 130	10	30
Endrin	0.0069	U	0.138	0.180		mg/Kg	☼	130	66 - 143	14	30
Endrin	0.0069	U	0.138	0.224	*	mg/Kg	☼	162	66 - 143	11	30
Endrin aldehyde	0.0069	U	0.138	0.155		mg/Kg	☼	112	70 - 132	14	30

Method: 8081B - Organochlorine Pesticides (GC) (Continued)

Lab Sample ID: 460-336881-1 MSD
Matrix: Solid
Analysis Batch: 1067743

Client Sample ID: 50A_0-5
Prep Type: Total/NA
Prep Batch: 1067685

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Endrin aldehyde	0.0069	U	0.138	0.177		mg/Kg	☼	129	70 - 132	11	30
Endrin ketone	0.0069	U	0.138	0.175		mg/Kg	☼	127	66 - 137	13	30
Endrin ketone	0.0069	U	0.138	0.219	*	mg/Kg	☼	158	66 - 137	11	30
gamma-BHC (Lindane)	0.0021	U	0.138	0.163		mg/Kg	☼	118	71 - 137	13	30
gamma-BHC (Lindane)	0.0021	U	0.138	0.191	*	mg/Kg	☼	138	71 - 137	14	30
Heptachlor	0.0069	U	0.138	0.157		mg/Kg	☼	114	70 - 140	12	30
Heptachlor	0.0069	U	0.138	0.183		mg/Kg	☼	132	70 - 140	10	30
Heptachlor epoxide	0.0069	U	0.138	0.176		mg/Kg	☼	127	70 - 135	13	30
Heptachlor epoxide	0.0069	U	0.138	0.201	*	mg/Kg	☼	146	70 - 135	10	30
Methoxychlor	0.0069	U	0.138	0.182		mg/Kg	☼	132	63 - 138	13	30
Methoxychlor	0.0069	U	0.138	0.212	*	mg/Kg	☼	153	63 - 138	9	30

Surrogate	*MSD %Recovery*	*MSD Qualifier*	*Limits*
DCB Decachlorobiphenyl	*68*		*10 - 150*
DCB Decachlorobiphenyl	*78*		*10 - 150*
Tetrachloro-m-xylene	*40*		*14 - 150*
Tetrachloro-m-xylene	*41*		*14 - 150*

Method: 8082A - Polychlorinated Biphenyls (PCBs) by Gas Chromatography

Lab Sample ID: MB 460-1067684/1-A
Matrix: Solid
Analysis Batch: 1068035

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 1067684

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Aroclor 1016	0.067	U	0.067	0.018	mg/Kg		10/11/25 17:23	10/14/25 06:48	1
Aroclor 1016	0.067	U	0.067	0.018	mg/Kg		10/11/25 17:23	10/14/25 06:48	1
Aroclor 1221	0.067	U	0.067	0.018	mg/Kg		10/11/25 17:23	10/14/25 06:48	1
Aroclor 1221	0.067	U	0.067	0.018	mg/Kg		10/11/25 17:23	10/14/25 06:48	1
Aroclor 1232	0.067	U	0.067	0.018	mg/Kg		10/11/25 17:23	10/14/25 06:48	1
Aroclor 1232	0.067	U	0.067	0.018	mg/Kg		10/11/25 17:23	10/14/25 06:48	1
Aroclor 1242	0.067	U	0.067	0.018	mg/Kg		10/11/25 17:23	10/14/25 06:48	1
Aroclor 1242	0.067	U	0.067	0.018	mg/Kg		10/11/25 17:23	10/14/25 06:48	1
Aroclor 1248	0.067	U	0.067	0.018	mg/Kg		10/11/25 17:23	10/14/25 06:48	1
Aroclor 1248	0.067	U	0.067	0.018	mg/Kg		10/11/25 17:23	10/14/25 06:48	1
Aroclor 1254	0.067	U	0.067	0.018	mg/Kg		10/11/25 17:23	10/14/25 06:48	1
Aroclor 1254	0.067	U	0.067	0.018	mg/Kg		10/11/25 17:23	10/14/25 06:48	1
Aroclor 1260	0.067	U	0.067	0.018	mg/Kg		10/11/25 17:23	10/14/25 06:48	1
Aroclor 1260	0.067	U	0.067	0.018	mg/Kg		10/11/25 17:23	10/14/25 06:48	1
Aroclor-1262	0.067	U	0.067	0.018	mg/Kg		10/11/25 17:23	10/14/25 06:48	1
Aroclor-1262	0.067	U	0.067	0.018	mg/Kg		10/11/25 17:23	10/14/25 06:48	1
Aroclor 1268	0.067	U	0.067	0.018	mg/Kg		10/11/25 17:23	10/14/25 06:48	1
Aroclor 1268	0.067	U	0.067	0.018	mg/Kg		10/11/25 17:23	10/14/25 06:48	1
Polychlorinated biphenyls, Total	0.067	U	0.067	0.018	mg/Kg		10/11/25 17:23	10/14/25 06:48	1
Polychlorinated biphenyls, Total	0.067	U	0.067	0.018	mg/Kg		10/11/25 17:23	10/14/25 06:48	1

Surrogate	*MB %Recovery*	*MB Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
DCB Decachlorobiphenyl	*51*		*10 - 150*	*10/11/25 17:23*	*10/14/25 06:48*	*1*

Method: 8082A - Polychlorinated Biphenyls (PCBs) by Gas Chromatography (Continued)

Lab Sample ID: MB 460-1067684/1-A
Matrix: Solid
Analysis Batch: 1068035

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 1067684

Surrogate	MB %Recovery	MB Qualifier	Limits	Prepared	Analyzed	Dil Fac
DCB Decachlorobiphenyl	65		10 - 150	10/11/25 17:23	10/14/25 06:48	1
Tetrachloro-m-xylene	58		10 - 150	10/11/25 17:23	10/14/25 06:48	1
Tetrachloro-m-xylene	64		10 - 150	10/11/25 17:23	10/14/25 06:48	1

Lab Sample ID: LCS 460-1067684/2-A
Matrix: Solid
Analysis Batch: 1068035

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 1067684

Analyte			Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits		
Aroclor 1016			0.333	0.265		mg/Kg		80	59 - 149		
Aroclor 1016			0.333	0.268		mg/Kg		80	59 - 149		
Aroclor 1260			0.333	0.259		mg/Kg		78	62 - 145		
Aroclor 1260			0.333	0.304		mg/Kg		91	62 - 145		

Surrogate	LCS %Recovery	LCS Qualifier	Limits
DCB Decachlorobiphenyl	50		10 - 150
DCB Decachlorobiphenyl	62		10 - 150
Tetrachloro-m-xylene	55		10 - 150
Tetrachloro-m-xylene	58		10 - 150

Lab Sample ID: LCSD 460-1067684/3-A
Matrix: Solid
Analysis Batch: 1068035

Client Sample ID: Lab Control Sample Dup
Prep Type: Total/NA
Prep Batch: 1067684

Analyte			Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Aroclor 1016			0.333	0.268		mg/Kg		81	59 - 149	1	30
Aroclor 1016			0.333	0.260		mg/Kg		78	59 - 149	3	30
Aroclor 1260			0.333	0.260		mg/Kg		78	62 - 145	1	30
Aroclor 1260			0.333	0.311		mg/Kg		93	62 - 145	2	30

Surrogate	LCSD %Recovery	LCSD Qualifier	Limits
DCB Decachlorobiphenyl	49		10 - 150
DCB Decachlorobiphenyl	63		10 - 150
Tetrachloro-m-xylene	54		10 - 150
Tetrachloro-m-xylene	59		10 - 150

Lab Sample ID: 460-336881-1 MS
Matrix: Solid
Analysis Batch: 1068035

Client Sample ID: 50A_0-5
Prep Type: Total/NA
Prep Batch: 1067684

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec Limits		
Aroclor 1016	0.069	U	0.345	0.273		mg/Kg	☼	79	59 - 149		
Aroclor 1016	0.069	U	0.345	0.311		mg/Kg	☼	90	59 - 149		
Aroclor 1260	0.069	U	0.345	0.299		mg/Kg	☼	87	62 - 145		
Aroclor 1260	0.069	U	0.345	0.360		mg/Kg	☼	104	62 - 145		

Method: 8082A - Polychlorinated Biphenyls (PCBs) by Gas Chromatography (Continued)

Lab Sample ID: 460-336881-1 MS
Matrix: Solid
Analysis Batch: 1068035

Client Sample ID: 50A_0-5
Prep Type: Total/NA
Prep Batch: 1067684

Surrogate	MS %Recovery	MS Qualifier	Limits
DCB Decachlorobiphenyl	60		10 - 150
DCB Decachlorobiphenyl	77		10 - 150
Tetrachloro-m-xylene	34		10 - 150
Tetrachloro-m-xylene	37		10 - 150

Lab Sample ID: 460-336881-1 MSD
Matrix: Solid
Analysis Batch: 1068035

Client Sample ID: 50A_0-5
Prep Type: Total/NA
Prep Batch: 1067684

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Aroclor 1016	0.069	U	0.345	0.284		mg/Kg	☼	82	59 - 149	4	30
Aroclor 1016	0.069	U	0.345	0.317		mg/Kg	☼	92	59 - 149	2	30
Aroclor 1260	0.069	U	0.345	0.311		mg/Kg	☼	90	62 - 145	4	30
Aroclor 1260	0.069	U	0.345	0.364		mg/Kg	☼	106	62 - 145	1	30

Surrogate	MSD %Recovery	MSD Qualifier	Limits
DCB Decachlorobiphenyl	62		10 - 150
DCB Decachlorobiphenyl	79		10 - 150
Tetrachloro-m-xylene	37		10 - 150
Tetrachloro-m-xylene	38		10 - 150

Method: 1633A - Per- and Polyfluoroalkyl Substances by LC/MS/MS, 1633A

Lab Sample ID: MB 410-714528/1-A
Matrix: Solid
Analysis Batch: 714967

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 714528

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Perfluorobutanoic acid (PFBA)	0.40	U	0.40	0.10	ug/Kg		10/15/25 16:06	10/17/25 03:55	1
Perfluoropentanoic acid (PFPeA)	0.20	U	0.20	0.10	ug/Kg		10/15/25 16:06	10/17/25 03:55	1
Perfluorohexanoic acid (PFHxA)	0.20	U	0.20	0.10	ug/Kg		10/15/25 16:06	10/17/25 03:55	1
Perfluoroheptanoic acid (PFHpA)	0.20	U	0.20	0.10	ug/Kg		10/15/25 16:06	10/17/25 03:55	1
Perfluorooctanoic acid (PFOA)	0.20	U	0.20	0.060	ug/Kg		10/15/25 16:06	10/17/25 03:55	1
Perfluorononanoic acid (PFNA)	0.20	U	0.20	0.10	ug/Kg		10/15/25 16:06	10/17/25 03:55	1
Perfluorodecanoic acid (PFDA)	0.20	U	0.20	0.060	ug/Kg		10/15/25 16:06	10/17/25 03:55	1
Perfluoroundecanoic acid (PFUnA)	0.20	U	0.20	0.10	ug/Kg		10/15/25 16:06	10/17/25 03:55	1
Perfluorododecanoic acid (PFDoA)	0.20	U	0.20	0.10	ug/Kg		10/15/25 16:06	10/17/25 03:55	1
Perfluorotridecanoic acid (PFTrDA)	0.20	U	0.20	0.10	ug/Kg		10/15/25 16:06	10/17/25 03:55	1
Perfluorotetradecanoic acid (PFTeDA)	0.20	U	0.20	0.10	ug/Kg		10/15/25 16:06	10/17/25 03:55	1
Perfluorobutanesulfonic acid (PFBS)	0.20	U	0.20	0.10	ug/Kg		10/15/25 16:06	10/17/25 03:55	1
Perfluoropentanesulfonic acid (PFPeS)	0.20	U	0.20	0.10	ug/Kg		10/15/25 16:06	10/17/25 03:55	1
Perfluorohexanesulfonic acid (PFHxS)	0.20	U	0.20	0.10	ug/Kg		10/15/25 16:06	10/17/25 03:55	1
Perfluoroheptanesulfonic acid (PFHpS)	0.20	U	0.20	0.10	ug/Kg		10/15/25 16:06	10/17/25 03:55	1
Perfluorooctanesulfonic acid (PFOS)	0.20	U	0.20	0.10	ug/Kg		10/15/25 16:06	10/17/25 03:55	1
Perfluorononanesulfonic acid (PFNS)	0.20	U	0.20	0.10	ug/Kg		10/15/25 16:06	10/17/25 03:55	1
Perfluorodecanesulfonic acid (PFDS)	0.20	U	0.20	0.10	ug/Kg		10/15/25 16:06	10/17/25 03:55	1

Method: 1633A - Per- and Polyfluoroalkyl Substances by LC/MS/MS, 1633A (Continued)

Lab Sample ID: MB 410-714528/1-A
Matrix: Solid
Analysis Batch: 714967

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 714528

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Perfluorododecanesulfonic acid (PFDoS)	0.20	U	0.20	0.10	ug/Kg		10/15/25 16:06	10/17/25 03:55	1
1H,1H,2H,2H-Perfluorohexane sulfonic acid (4:2 FTS)	0.40	U	0.40	0.20	ug/Kg		10/15/25 16:06	10/17/25 03:55	1
1H,1H,2H,2H-Perfluorooctane sulfonic acid (6:2 FTS)	0.40	U	0.40	0.20	ug/Kg		10/15/25 16:06	10/17/25 03:55	1
1H,1H,2H,2H-Perfluorodecane sulfonic acid (8:2 FTS)	0.40	U	0.40	0.20	ug/Kg		10/15/25 16:06	10/17/25 03:55	1
Perfluorooctanesulfonamide (PFOSA)	0.20	U	0.20	0.10	ug/Kg		10/15/25 16:06	10/17/25 03:55	1
N-methylperfluorooctane sulfonamide (NMeFOSA)	0.20	U	0.20	0.10	ug/Kg		10/15/25 16:06	10/17/25 03:55	1
N-ethylperfluorooctane sulfonamide (NEtFOSA)	0.20	U	0.20	0.10	ug/Kg		10/15/25 16:06	10/17/25 03:55	1
N-methylperfluorooctanesulfonamidoacetic acid (NMeFOSAA)	0.20	U	0.20	0.10	ug/Kg		10/15/25 16:06	10/17/25 03:55	1
N-ethylperfluorooctanesulfonamidoacetic acid (NEtFOSAA)	0.20	U	0.20	0.10	ug/Kg		10/15/25 16:06	10/17/25 03:55	1
N-methylperfluorooctane sulfonamidoethanol (NMeFOSE)	1.00	U	1.00	0.50	ug/Kg		10/15/25 16:06	10/17/25 03:55	1
N-ethylperfluorooctane sulfonamidoethanol (NEtFOSE)	1.00	U	1.00	0.50	ug/Kg		10/15/25 16:06	10/17/25 03:55	1
Hexafluoropropylene Oxide Dimer Acid (HFPO-DA)	0.20	U	0.20	0.10	ug/Kg		10/15/25 16:06	10/17/25 03:55	1
4,8-Dioxa-3H-perfluorononanoic acid (ADONA)	0.20	U	0.20	0.10	ug/Kg		10/15/25 16:06	10/17/25 03:55	1
Perfluoro-3-methoxypropanoic acid (PFMPA)	0.20	U	0.20	0.10	ug/Kg		10/15/25 16:06	10/17/25 03:55	1
Perfluoro-4-methoxybutanoic acid (PFMBA)	0.20	U	0.20	0.10	ug/Kg		10/15/25 16:06	10/17/25 03:55	1
Nonafluoro-3,6-dioxaheptanoic acid (NFDHA)	0.20	U	0.20	0.10	ug/Kg		10/15/25 16:06	10/17/25 03:55	1
9-Chlorohexadecafluoro-3-oxanonane-1-sulfonic acid (9Cl-PF3ONS)	0.20	U	0.20	0.10	ug/Kg		10/15/25 16:06	10/17/25 03:55	1
11-Chloroeicosafluoro-3-oxaundecane-1-sulfonic acid (11Cl-PF3OUdS)	0.20	U	0.20	0.10	ug/Kg		10/15/25 16:06	10/17/25 03:55	1
Perfluoro (2-ethoxyethane) sulfonic acid (PFEESA)	0.20	U	0.20	0.10	ug/Kg		10/15/25 16:06	10/17/25 03:55	1
3-Perfluoropropylpropanoic acid (3:3 FTCA)	0.40	U	0.40	0.20	ug/Kg		10/15/25 16:06	10/17/25 03:55	1
3-Perfluoropentylpropanoic acid (5:3 FTCA)	1.00	U	1.00	0.50	ug/Kg		10/15/25 16:06	10/17/25 03:55	1
3-Perfluoroheptylpropanoic acid (7:3 FTCA)	1.00	U	1.00	0.50	ug/Kg		10/15/25 16:06	10/17/25 03:55	1

Isotope Dilution	*MB %Recovery*	*MB Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
13C4 PFBA	*84.9*		*8 - 130*	*10/15/25 16:06*	*10/17/25 03:55*	*1*
13C5 PFPeA	*85.3*		*35 - 130*	*10/15/25 16:06*	*10/17/25 03:55*	*1*
13C5 PFHxA	*86.8*		*40 - 130*	*10/15/25 16:06*	*10/17/25 03:55*	*1*
13C4 PFHpA	*90.0*		*40 - 130*	*10/15/25 16:06*	*10/17/25 03:55*	*1*
13C8 PFOA	*83.4*		*40 - 130*	*10/15/25 16:06*	*10/17/25 03:55*	*1*
13C9 PFNA	*93.1*		*40 - 130*	*10/15/25 16:06*	*10/17/25 03:55*	*1*
13C6 PFDA	*84.2*		*40 - 130*	*10/15/25 16:06*	*10/17/25 03:55*	*1*
13C7 PFUnA	*83.5*		*40 - 130*	*10/15/25 16:06*	*10/17/25 03:55*	*1*
13C2 PFTeDA	*61.4*		*20 - 130*	*10/15/25 16:06*	*10/17/25 03:55*	*1*

Method: 1633A - Per- and Polyfluoroalkyl Substances by LC/MS/MS, 1633A (Continued)

Lab Sample ID: MB 410-714528/1-A
Matrix: Solid
Analysis Batch: 714967

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 714528

Isotope Dilution	MB %Recovery	MB Qualifier	Limits	Prepared	Analyzed	Dil Fac
13C3 PFBS	83.8		40 - 135	10/15/25 16:06	10/17/25 03:55	1
13C3 PFHxS	87.0		40 - 130	10/15/25 16:06	10/17/25 03:55	1
13C8 PFOS	81.3		40 - 130	10/15/25 16:06	10/17/25 03:55	1
13C8 FOSA	65.9		40 - 130	10/15/25 16:06	10/17/25 03:55	1
d3-NMeFOSAA	69.5		40 - 135	10/15/25 16:06	10/17/25 03:55	1
d5-NEtFOSAA	83.0		40 - 150	10/15/25 16:06	10/17/25 03:55	1
13C2 4:2 FTS	95.5		40 - 165	10/15/25 16:06	10/17/25 03:55	1
13C2 6:2 FTS	107		40 - 215	10/15/25 16:06	10/17/25 03:55	1
13C2 8:2 FTS	85.9		40 - 275	10/15/25 16:06	10/17/25 03:55	1
13C3 HFPO-DA	86.2		40 - 130	10/15/25 16:06	10/17/25 03:55	1
d7-N-MeFOSE-M	60.6		20 - 130	10/15/25 16:06	10/17/25 03:55	1
d9-N-EtFOSE-M	46.5		15 - 130	10/15/25 16:06	10/17/25 03:55	1
d5-NEtPFOSA	53.1		10 - 130	10/15/25 16:06	10/17/25 03:55	1
d3-NMePFOSA	57.5		10 - 130	10/15/25 16:06	10/17/25 03:55	1
13C2 PFDoA	70.4		40 - 130	10/15/25 16:06	10/17/25 03:55	1

Lab Sample ID: LCS 410-714528/2-A
Matrix: Solid
Analysis Batch: 714967

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 714528

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
Perfluorobutanoic acid (PFBA)	5.00	4.728		ug/Kg		95	70 - 140
Perfluoropentanoic acid (PFPeA)	2.50	2.450		ug/Kg		98	60 - 150
Perfluorohexanoic acid (PFHxA)	2.50	2.314		ug/Kg		93	65 - 140
Perfluoroheptanoic acid (PFHpA)	2.50	2.215		ug/Kg		89	65 - 145
Perfluorooctanoic acid (PFOA)	2.50	2.773		ug/Kg		111	70 - 150
Perfluorononanoic acid (PFNA)	2.50	2.327		ug/Kg		93	70 - 155
Perfluorodecanoic acid (PFDA)	2.50	2.184		ug/Kg		87	70 - 155
Perfluoroundecanoic acid (PFUnA)	2.50	2.593		ug/Kg		104	70 - 155
Perfluorododecanoic acid (PFDoA)	2.50	2.531		ug/Kg		101	70 - 150
Perfluorotridecanoic acid (PFTrDA)	2.50	2.545		ug/Kg		102	65 - 150
Perfluorotetradecanoic acid (PFTeDA)	2.50	2.595		ug/Kg		104	65 - 150
Perfluorobutanesulfonic acid (PFBS)	2.22	2.326		ug/Kg		105	65 - 145
Perfluoropentanesulfonic acid (PFPeS)	2.35	2.334		ug/Kg		99	55 - 160
Perfluorohexanesulfonic acid (PFHxS)	2.28	2.152		ug/Kg		94	60 - 150
Perfluoroheptanesulfonic acid (PFHpS)	2.39	2.524		ug/Kg		106	65 - 155
Perfluorooctanesulfonic acid (PFOS)	2.33	2.243		ug/Kg		96	65 - 160
Perfluorononanesulfonic acid (PFNS)	2.41	2.179		ug/Kg		91	55 - 140
Perfluorodecanesulfonic acid (PFDS)	2.41	2.026		ug/Kg		84	40 - 155
Perfluorododecanesulfonic acid (PFDoS)	2.43	1.533		ug/Kg		63	25 - 160

Method: 1633A - Per- and Polyfluoroalkyl Substances by LC/MS/MS, 1633A (Continued)

Lab Sample ID: LCS 410-714528/2-A
Matrix: Solid
Analysis Batch: 714967

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 714528

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
1H,1H,2H,2H-Perfluorohexane sulfonic acid (4:2 FTS)	4.69	4.638		ug/Kg		99	60 - 150
1H,1H,2H,2H-Perfluorooctane sulfonic acid (6:2 FTS)	4.76	4.843		ug/Kg		102	55 - 200
1H,1H,2H,2H-Perfluorodecane sulfonic acid (8:2 FTS)	4.80	4.914		ug/Kg		102	70 - 150
Perfluorooctanesulfonamide (PFOSA)	2.50	2.482		ug/Kg		99	70 - 140
N-methylperfluorooctane sulfonamide (NMeFOSA)	2.50	2.535		ug/Kg		101	70 - 155
N-ethylperfluorooctane sulfonamide (NEtFOSA)	2.50	2.408		ug/Kg		96	70 - 140
N-methylperfluorooctanesulfonamidoacetic acid (NMeFOSAA)	2.50	2.332		ug/Kg		93	65 - 155
N-ethylperfluorooctanesulfonamidoacetic acid (NEtFOSAA)	2.50	2.392		ug/Kg		96	65 - 165
N-methylperfluorooctane sulfonamidoethanol (NMeFOSE)	12.5	11.66		ug/Kg		93	70 - 140
N-ethylperfluorooctane sulfonamidoethanol (NEtFOSE)	12.5	13.54		ug/Kg		108	70 - 135
Hexafluoropropylene Oxide Dimer Acid (HFPO-DA)	1.88	1.981		ug/Kg		106	70 - 145
4,8-Dioxa-3H-perfluorononanoic acid (ADONA)	2.37	2.452		ug/Kg		104	70 - 160
Perfluoro-3-methoxypropanoic acid (PFMPA)	2.50	2.450		ug/Kg		98	30 - 140
Perfluoro-4-methoxybutanoic acid (PFMBA)	2.50	2.480		ug/Kg		99	60 - 150
Nonafluoro-3,6-dioxaheptanoic acid (NFDHA)	2.50	2.409		ug/Kg		96	60 - 155
9-Chlorohexadecafluoro-3-oxanonane-1-sulfonic acid (9Cl-PF3ONS)	2.34	2.318		ug/Kg		99	70 - 150
11-Chloroeicosafluoro-3-oxaundecane-1-sulfonic acid (11Cl-PF3OUdS)	2.36	1.989		ug/Kg		84	45 - 160
Perfluoro (2-ethoxyethane) sulfonic acid (PFEESA)	2.23	2.283		ug/Kg		102	70 - 140
3-Perfluoropropylpropanoic acid (3:3 FTCA)	5.00	3.777		ug/Kg		76	45 - 130
3-Perfluoropentylpropanoic acid (5:3 FTCA)	12.5	9.356		ug/Kg		75	60 - 130
3-Perfluoroheptylpropanoic acid (7:3 FTCA)	12.5	9.701		ug/Kg		78	60 - 150

Isotope Dilution	*LCS %Recovery*	*LCS Qualifier*	*Limits*
13C4 PFBA	*88.8*		*8 - 130*
13C5 PFPeA	*87.6*		*35 - 130*
13C5 PFHxA	*89.9*		*40 - 130*
13C4 PFHpA	*94.5*		*40 - 130*
13C8 PFOA	*89.0*		*40 - 130*
13C9 PFNA	*89.1*		*40 - 130*
13C6 PFDA	*85.3*		*40 - 130*
13C7 PFUnA	*77.3*		*40 - 130*

Method: 1633A - Per- and Polyfluoroalkyl Substances by LC/MS/MS, 1633A (Continued)

Lab Sample ID: LCS 410-714528/2-A
Matrix: Solid
Analysis Batch: 714967

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 714528

Isotope Dilution	*LCS %Recovery*	*LCS Qualifier*	*Limits*
13C2 PFTeDA	*51.8*		*20 - 130*
13C3 PFBS	*88.1*		*40 - 135*
13C3 PFHxS	*88.0*		*40 - 130*
13C8 PFOS	*77.5*		*40 - 130*
13C8 FOSA	*68.8*		*40 - 130*
d3-NMeFOSAA	*73.9*		*40 - 135*
d5-NEtFOSAA	*79.4*		*40 - 150*
13C2 4:2 FTS	*97.9*		*40 - 165*
13C2 6:2 FTS	*106*		*40 - 215*
13C2 8:2 FTS	*83.1*		*40 - 275*
13C3 HFPO-DA	*84.1*		*40 - 130*
d7-N-MeFOSE-M	*45.3*		*20 - 130*
d9-N-EtFOSE-M	*30.9*		*15 - 130*
d5-NEtPFOSA	*54.6*		*10 - 130*
d3-NMePFOSA	*59.9*		*10 - 130*
13C2 PFDoA	*71.2*		*40 - 130*

Lab Sample ID: LLCS 410-714528/3-A
Matrix: Solid
Analysis Batch: 714967

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 714528

Analyte	Spike Added	LLCS Result	LLCS Qualifier	Unit	D	%Rec	%Rec Limits
Perfluorobutanoic acid (PFBA)	0.500	0.449		ug/Kg		90	70 - 140
Perfluoropentanoic acid (PFPeA)	0.250	0.251		ug/Kg		100	60 - 150
Perfluorohexanoic acid (PFHxA)	0.250	0.246		ug/Kg		98	65 - 140
Perfluoroheptanoic acid (PFHpA)	0.250	0.257		ug/Kg		103	65 - 145
Perfluorooctanoic acid (PFOA)	0.250	0.298		ug/Kg		119	70 - 150
Perfluorononanoic acid (PFNA)	0.250	0.226		ug/Kg		91	70 - 155
Perfluorodecanoic acid (PFDA)	0.250	0.244		ug/Kg		98	70 - 155
Perfluoroundecanoic acid (PFUnA)	0.250	0.252		ug/Kg		101	70 - 155
Perfluorododecanoic acid (PFDoA)	0.250	0.235		ug/Kg		94	70 - 150
Perfluorotridecanoic acid (PFTrDA)	0.250	0.244		ug/Kg		98	65 - 150
Perfluorotetradecanoic acid (PFTeDA)	0.250	0.251		ug/Kg		100	65 - 150
Perfluorobutanesulfonic acid (PFBS)	0.222	0.222		ug/Kg		100	65 - 145
Perfluoropentanesulfonic acid (PFPeS)	0.235	0.215		ug/Kg		92	55 - 160
Perfluorohexanesulfonic acid (PFHxS)	0.228	0.224		ug/Kg		98	60 - 150
Perfluoroheptanesulfonic acid (PFHpS)	0.239	0.220		ug/Kg		92	65 - 155
Perfluorooctanesulfonic acid (PFOS)	0.233	0.228		ug/Kg		98	65 - 160
Perfluorononanesulfonic acid (PFNS)	0.241	0.191	J	ug/Kg		79	55 - 140
Perfluorodecanesulfonic acid (PFDS)	0.241	0.175	J	ug/Kg		72	40 - 155

Method: 1633A - Per- and Polyfluoroalkyl Substances by LC/MS/MS, 1633A (Continued)

Lab Sample ID: LLCS 410-714528/3-A
Matrix: Solid
Analysis Batch: 714967

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 714528

Analyte	Spike Added	LLCS Result	LLCS Qualifier	Unit	D	%Rec	%Rec Limits
Perfluorododecanesulfonic acid (PFDoS)	0.243	0.146	J	ug/Kg		60	25 - 160
1H,1H,2H,2H-Perfluorohexane sulfonic acid (4:2 FTS)	0.469	0.434		ug/Kg		93	60 - 150
1H,1H,2H,2H-Perfluorooctane sulfonic acid (6:2 FTS)	0.476	0.438		ug/Kg		92	55 - 200
1H,1H,2H,2H-Perfluorodecane sulfonic acid (8:2 FTS)	0.480	0.459		ug/Kg		96	70 - 150
Perfluorooctanesulfonamide (PFOSA)	0.250	0.279		ug/Kg		112	70 - 140
N-methylperfluorooctane sulfonamide (NMeFOSA)	0.250	0.265		ug/Kg		106	70 - 155
N-ethylperfluorooctane sulfonamide (NEtFOSA)	0.250	0.228		ug/Kg		91	70 - 140
N-methylperfluorooctanesulfonamidoacetic acid (NMeFOSAA)	0.250	0.208		ug/Kg		83	65 - 155
N-ethylperfluorooctanesulfonamidoacetic acid (NEtFOSAA)	0.250	0.274		ug/Kg		110	65 - 165
N-methylperfluorooctane sulfonamidoethanol (NMeFOSE)	1.25	1.312		ug/Kg		105	70 - 140
N-ethylperfluorooctane sulfonamidoethanol (NEtFOSE)	1.25	1.459		ug/Kg		117	70 - 135
Hexafluoropropylene Oxide Dimer Acid (HFPO-DA)	0.188	0.188	J	ug/Kg		100	70 - 145
4,8-Dioxa-3H-perfluorononanoic acid (ADONA)	0.237	0.236		ug/Kg		100	70 - 160
Perfluoro-3-methoxypropanoic acid (PFMPA)	0.250	0.238		ug/Kg		95	30 - 140
Perfluoro-4-methoxybutanoic acid (PFMBA)	0.250	0.239		ug/Kg		96	60 - 150
Nonafluoro-3,6-dioxaheptanoic acid (NFDHA)	0.250	0.186	J	ug/Kg		74	60 - 155
9-Chlorohexadecafluoro-3-oxanonane-1-sulfonic acid (9Cl-PF3ONS)	0.234	0.229		ug/Kg		98	70 - 150
11-Chloroeicosafluoro-3-oxaundecane-1-sulfonic acid (11Cl-PF3OUdS)	0.236	0.192	J	ug/Kg		81	45 - 160
Perfluoro (2-ethoxyethane) sulfonic acid (PFEESA)	0.223	0.196	J	ug/Kg		88	70 - 140
3-Perfluoropropylpropanoic acid (3:3 FTCA)	0.500	0.357	J	ug/Kg		71	45 - 130
3-Perfluoropentylpropanoic acid (5:3 FTCA)	1.25	1.054		ug/Kg		84	60 - 130
3-Perfluoroheptylpropanoic acid (7:3 FTCA)	1.25	0.930	J	ug/Kg		74	60 - 150

Isotope Dilution	*LLCS %Recovery*	*LLCS Qualifier*	*Limits*
13C4 PFBA	*88.3*		*8 - 130*
13C5 PFPeA	*81.9*		*35 - 130*
13C5 PFHxA	*84.1*		*40 - 130*
13C4 PFHpA	*82.5*		*40 - 130*
13C8 PFOA	*76.6*		*40 - 130*
13C9 PFNA	*81.2*		*40 - 130*

Method: 1633A - Per- and Polyfluoroalkyl Substances by LC/MS/MS, 1633A (Continued)

Lab Sample ID: LLCS 410-714528/3-A
Matrix: Solid
Analysis Batch: 714967

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 714528

Isotope Dilution	LLCS %Recovery	LLCS Qualifier	Limits
13C6 PFDA	74.2		40 - 130
13C7 PFUnA	78.3		40 - 130
13C2 PFTeDA	61.6		20 - 130
13C3 PFBS	79.2		40 - 135
13C3 PFHxS	78.2		40 - 130
13C8 PFOS	71.4		40 - 130
13C8 FOSA	54.4		40 - 130
d3-NMeFOSAA	59.8		40 - 135
d5-NEtFOSAA	65.5		40 - 150
13C2 4:2 FTS	89.0		40 - 165
13C2 6:2 FTS	95.3		40 - 215
13C2 8:2 FTS	74.0		40 - 275
13C3 HFPO-DA	80.0		40 - 130
d7-N-MeFOSE-M	28.6		20 - 130
d9-N-EtFOSE-M	23.5		15 - 130
d5-NEtPFOSA	43.3		10 - 130
d3-NMePFOSA	46.4		10 - 130
13C2 PFDoA	70.7		40 - 130

Lab Sample ID: 460-336881-1 MS
Matrix: Solid
Analysis Batch: 714967

Client Sample ID: 50A_0-5
Prep Type: Total/NA
Prep Batch: 714528

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec Limits
Perfluorobutanoic acid (PFBA)	0.40	U	4.88	4.626		ug/Kg	☼	95	70 - 140
Perfluoropentanoic acid (PFPeA)	0.20	U	2.44	2.366		ug/Kg	☼	97	60 - 150
Perfluorohexanoic acid (PFHxA)	0.20	U	2.44	2.363		ug/Kg	☼	97	65 - 140
Perfluoroheptanoic acid (PFHpA)	0.20	U	2.44	2.297		ug/Kg	☼	94	65 - 145
Perfluorooctanoic acid (PFOA)	0.12	U	2.44	2.535		ug/Kg	☼	101	70 - 150
Perfluorononanoic acid (PFNA)	0.12	U	2.44	2.384		ug/Kg	☼	94	70 - 155
Perfluorodecanoic acid (PFDA)	0.092	J	2.44	2.291		ug/Kg	☼	90	70 - 155
Perfluoroundecanoic acid (PFUnA)	1.00		2.44	3.651		ug/Kg	☼	108	70 - 155
Perfluorododecanoic acid (PFDoA)	0.20	U	2.44	2.698		ug/Kg	☼	111	70 - 150
Perfluorotridecanoic acid (PFTrDA)	0.92		2.44	3.294		ug/Kg	☼	97	65 - 150
Perfluorotetradecanoic acid (PFTeDA)	0.20	U	2.44	2.747		ug/Kg	☼	113	65 - 150
Perfluorobutanesulfonic acid (PFBS)	0.20	U	2.17	2.197		ug/Kg	☼	101	65 - 145
Perfluoropentanesulfonic acid (PFPeS)	0.20	U	2.29	2.245		ug/Kg	☼	98	55 - 160
Perfluorohexanesulfonic acid (PFHxS)	0.20	U	2.23	2.100		ug/Kg	☼	94	60 - 150
Perfluoroheptanesulfonic acid (PFHpS)	0.20	U	2.33	2.482		ug/Kg	☼	107	65 - 155
Perfluorooctanesulfonic acid (PFOS)	0.20	U	2.27	2.179		ug/Kg	☼	96	65 - 160
Perfluorononanesulfonic acid (PFNS)	0.20	U	2.35	2.072		ug/Kg	☼	88	55 - 140

Method: 1633A - Per- and Polyfluoroalkyl Substances by LC/MS/MS, 1633A (Continued)

Lab Sample ID: 460-336881-1 MS
Matrix: Solid
Analysis Batch: 714967

Client Sample ID: 50A_0-5
Prep Type: Total/NA
Prep Batch: 714528

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec Limits
Perfluorodecanesulfonic acid (PFDS)	0.20	U	2.35	1.847		ug/Kg	☼	79	40 - 155
Perfluorododecanesulfonic acid (PFDoS)	0.20	U	2.37	1.180		ug/Kg	☼	50	25 - 160
1H,1H,2H,2H-Perfluorohexane sulfonic acid (4:2 FTS)	0.40	U	4.58	4.545		ug/Kg	☼	99	60 - 150
1H,1H,2H,2H-Perfluorooctane sulfonic acid (6:2 FTS)	0.40	U	4.65	4.561		ug/Kg	☼	98	55 - 200
1H,1H,2H,2H-Perfluorodecane sulfonic acid (8:2 FTS)	0.40	U	4.68	4.649		ug/Kg	☼	99	70 - 150
Perfluorooctanesulfonamide (PFOSA)	0.20	U	2.44	2.440		ug/Kg	☼	100	70 - 140
N-methylperfluorooctane sulfonamide (NMeFOSA)	0.20	U	2.44	2.442		ug/Kg	☼	100	70 - 155
N-ethylperfluorooctane sulfonamide (NEtFOSA)	0.20	U	2.44	2.378		ug/Kg	☼	97	70 - 140
N-methylperfluorooctanesulfonamidoacetic acid (NMeFOSAA)	0.20	U	2.44	2.370		ug/Kg	☼	97	65 - 155
N-ethylperfluorooctanesulfonamidoacetic acid (NEtFOSAA)	0.20	U	2.44	2.367		ug/Kg	☼	97	65 - 165
N-methylperfluorooctane sulfonamidoethanol (NMeFOSE)	1.0	U	12.2	10.79		ug/Kg	☼	88	70 - 140
N-ethylperfluorooctane sulfonamidoethanol (NEtFOSE)	1.0	U	12.2	12.05		ug/Kg	☼	99	70 - 135
Hexafluoropropylene Oxide Dimer Acid (HFPO-DA)	0.20	U	1.83	1.798		ug/Kg	☼	98	70 - 145
4,8-Dioxa-3H-perfluorononanoic acid (ADONA)	0.20	U	2.31	2.295		ug/Kg	☼	99	70 - 160
Perfluoro-3-methoxypropanoic acid (PFMPA)	0.20	U	2.44	2.375		ug/Kg	☼	97	30 - 140
Perfluoro-4-methoxybutanoic acid (PFMBA)	0.20	U	2.44	2.427		ug/Kg	☼	99	60 - 150
Nonafluoro-3,6-dioxaheptanoic acid (NFDHA)	0.20	U	2.44	2.279		ug/Kg	☼	93	60 - 155
9-Chlorohexadecafluoro-3-oxanonane-1-sulfonic acid (9Cl-PF3ONS)	0.20	U	2.28	2.187		ug/Kg	☼	96	70 - 150
11-Chloroeicosafluoro-3-oxaundecane-1-sulfonic acid (11Cl-PF3OUdS)	0.20	U	2.30	1.754		ug/Kg	☼	76	45 - 160
Perfluoro (2-ethoxyethane) sulfonic acid (PFEESA)	0.20	U	2.18	2.204		ug/Kg	☼	101	70 - 140
3-Perfluoropropylpropanoic acid (3:3 FTCA)	0.40	U	4.88	3.710		ug/Kg	☼	76	45 - 130
3-Perfluoropentylpropanoic acid (5:3 FTCA)	1.0	U	12.2	9.130		ug/Kg	☼	75	60 - 130
3-Perfluoroheptylpropanoic acid (7:3 FTCA)	1.0	U	12.2	8.008		ug/Kg	☼	66	60 - 150

Isotope Dilution	*MS %Recovery*	*MS Qualifier*	*Limits*
13C4 PFBA	*92.7*		*8 - 130*
13C5 PFPeA	*89.9*		*35 - 130*
13C5 PFHxA	*91.7*		*40 - 130*
13C4 PFHpA	*97.7*		*40 - 130*
13C8 PFOA	*92.7*		*40 - 130*

Method: 1633A - Per- and Polyfluoroalkyl Substances by LC/MS/MS, 1633A (Continued)

Lab Sample ID: 460-336881-1 MS
Matrix: Solid
Analysis Batch: 714967

Client Sample ID: 50A_0-5
Prep Type: Total/NA
Prep Batch: 714528

Isotope Dilution	MS %Recovery	MS Qualifier	Limits
13C9 PFNA	86.8		40 - 130
13C6 PFDA	80.3		40 - 130
13C7 PFUnA	74.2		40 - 130
13C2 PFTeDA	43.1		20 - 130
13C3 PFBS	91.1		40 - 135
13C3 PFHxS	88.7		40 - 130
13C8 PFOS	75.7		40 - 130
13C8 FOSA	66.9		40 - 130
d3-NMeFOSAA	59.6		40 - 135
d5-NEtFOSAA	62.1		40 - 150
13C2 4:2 FTS	122		40 - 165
13C2 6:2 FTS	120		40 - 215
13C2 8:2 FTS	91.5		40 - 275
13C3 HFPO-DA	87.0		40 - 130
d7-N-MeFOSE-M	30.8		20 - 130
d9-N-EtFOSE-M	22.0		15 - 130
d5-NEtPFOSA	57.4		10 - 130
d3-NMePFOSA	61.6		10 - 130
13C2 PFDoA	61.9		40 - 130

Lab Sample ID: 460-336881-1 MSD
Matrix: Solid
Analysis Batch: 714967

Client Sample ID: 50A_0-5
Prep Type: Total/NA
Prep Batch: 714528

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Perfluorobutanoic acid (PFBA)	0.40	U	4.88	4.766		ug/Kg	☼	98	70 - 140	3	30
Perfluoropentanoic acid (PFPeA)	0.20	U	2.44	2.467		ug/Kg	☼	101	60 - 150	4	30
Perfluorohexanoic acid (PFHxA)	0.20	U	2.44	2.395		ug/Kg	☼	98	65 - 140	1	30
Perfluoroheptanoic acid (PFHpA)	0.20	U	2.44	2.519		ug/Kg	☼	103	65 - 145	9	30
Perfluorooctanoic acid (PFOA)	0.12	U	2.44	2.580		ug/Kg	☼	103	70 - 150	2	30
Perfluorononanoic acid (PFNA)	0.12	U	2.44	2.455		ug/Kg	☼	96	70 - 155	3	30
Perfluorodecanoic acid (PFDA)	0.092	J	2.44	2.262		ug/Kg	☼	89	70 - 155	1	30
Perfluoroundecanoic acid (PFUnA)	1.00		2.44	3.899		ug/Kg	☼	119	70 - 155	7	30
Perfluorododecanoic acid (PFDoA)	0.20	U	2.44	2.852		ug/Kg	☼	117	70 - 150	6	30
Perfluorotridecanoic acid (PFTrDA)	0.92		2.44	4.023		ug/Kg	☼	127	65 - 150	20	30
Perfluorotetradecanoic acid (PFTeDA)	0.20	U	2.44	2.624		ug/Kg	☼	108	65 - 150	5	30
Perfluorobutanesulfonic acid (PFBS)	0.20	U	2.17	2.323		ug/Kg	☼	107	65 - 145	6	30
Perfluoropentanesulfonic acid (PFPeS)	0.20	U	2.29	2.288		ug/Kg	☼	100	55 - 160	2	30
Perfluorohexanesulfonic acid (PFHxS)	0.20	U	2.23	2.166		ug/Kg	☼	97	60 - 150	3	30
Perfluoroheptanesulfonic acid (PFHpS)	0.20	U	2.33	2.375		ug/Kg	☼	102	65 - 155	4	30
Perfluorooctanesulfonic acid (PFOS)	0.20	U	2.27	2.186		ug/Kg	☼	96	65 - 160	0	30

Method: 1633A - Per- and Polyfluoroalkyl Substances by LC/MS/MS, 1633A (Continued)

Lab Sample ID: 460-336881-1 MSD
Matrix: Solid
Analysis Batch: 714967

Client Sample ID: 50A_0-5
Prep Type: Total/NA
Prep Batch: 714528

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Perfluorononanesulfonic acid (PFNS)	0.20	U	2.35	2.143		ug/Kg	☼	91	55 - 140	3	30
Perfluorodecanesulfonic acid (PFDS)	0.20	U	2.35	1.804		ug/Kg	☼	77	40 - 155	2	30
Perfluorododecanesulfonic acid (PFDoS)	0.20	U	2.37	1.136		ug/Kg	☼	48	25 - 160	4	30
1H,1H,2H,2H-Perfluorohexane sulfonic acid (4:2 FTS)	0.40	U	4.58	4.554		ug/Kg	☼	99	60 - 150	0	30
1H,1H,2H,2H-Perfluorooctane sulfonic acid (6:2 FTS)	0.40	U	4.65	4.778		ug/Kg	☼	103	55 - 200	5	30
1H,1H,2H,2H-Perfluorodecane sulfonic acid (8:2 FTS)	0.40	U	4.68	4.700		ug/Kg	☼	100	70 - 150	1	30
Perfluorooctanesulfonamide (PFOSA)	0.20	U	2.44	2.467		ug/Kg	☼	101	70 - 140	1	30
N-methylperfluorooctane sulfonamide (NMeFOSA)	0.20	U	2.44	2.403		ug/Kg	☼	98	70 - 155	2	30
N-ethylperfluorooctane sulfonamide (NEtFOSA)	0.20	U	2.44	2.358		ug/Kg	☼	97	70 - 140	1	30
N-methylperfluorooctanesulfonamidoacetic acid (NMeFOSAA)	0.20	U	2.44	2.331		ug/Kg	☼	96	65 - 155	2	30
N-ethylperfluorooctanesulfonamidoacetic acid (NEtFOSAA)	0.20	U	2.44	2.368		ug/Kg	☼	97	65 - 165	0	30
N-methylperfluorooctane sulfonamidoethanol (NMeFOSE)	1.0	U	12.2	11.17		ug/Kg	☼	92	70 - 140	4	30
N-ethylperfluorooctane sulfonamidoethanol (NEtFOSE)	1.0	U	12.2	12.48		ug/Kg	☼	102	70 - 135	4	30
Hexafluoropropylene Oxide Dimer Acid (HFPO-DA)	0.20	U	1.83	1.853		ug/Kg	☼	101	70 - 145	3	30
4,8-Dioxa-3H-perfluorononanoic acid (ADONA)	0.20	U	2.31	2.447		ug/Kg	☼	106	70 - 160	6	30
Perfluoro-3-methoxypropanoic acid (PFMPA)	0.20	U	2.44	2.412		ug/Kg	☼	99	30 - 140	2	30
Perfluoro-4-methoxybutanoic acid (PFMBA)	0.20	U	2.44	2.436		ug/Kg	☼	100	60 - 150	0	30
Nonafluoro-3,6-dioxaheptanoic acid (NFDHA)	0.20	U	2.44	2.357		ug/Kg	☼	97	60 - 155	3	30
9-Chlorohexadecafluoro-3-oxanonane-1-sulfonic acid (9Cl-PF3ONS)	0.20	U	2.28	2.240		ug/Kg	☼	98	70 - 150	2	30
11-Chloroeicosafluoro-3-oxaundecane-1-sulfonic acid (11Cl-PF3OUdS)	0.20	U	2.30	1.730		ug/Kg	☼	75	45 - 160	1	30
Perfluoro (2-ethoxyethane) sulfonic acid (PFEESA)	0.20	U	2.18	2.180		ug/Kg	☼	100	70 - 140	1	30
3-Perfluoropropylpropanoic acid (3:3 FTCA)	0.40	U	4.88	3.725		ug/Kg	☼	76	45 - 130	0	30
3-Perfluoropentylpropanoic acid (5:3 FTCA)	1.0	U	12.2	9.475		ug/Kg	☼	78	60 - 130	4	30
3-Perfluoroheptylpropanoic acid (7:3 FTCA)	1.0	U	12.2	8.723		ug/Kg	☼	72	60 - 150	9	30

Isotope Dilution	*MSD %Recovery*	*MSD Qualifier*	*Limits*
13C4 PFBA	*79.4*		*8 - 130*
13C5 PFPeA	*80.6*		*35 - 130*
13C5 PFHxA	*82.2*		*40 - 130*

Method: 1633A - Per- and Polyfluoroalkyl Substances by LC/MS/MS, 1633A (Continued)

Lab Sample ID: 460-336881-1 MSD
Matrix: Solid
Analysis Batch: 714967

Client Sample ID: 50A_0-5
Prep Type: Total/NA
Prep Batch: 714528

Isotope Dilution	MSD %Recovery	MSD Qualifier	Limits
13C4 PFHpA	84.3		40 - 130
13C8 PFOA	87.8		40 - 130
13C9 PFNA	86.8		40 - 130
13C6 PFDA	87.8		40 - 130
13C7 PFUnA	78.8		40 - 130
13C2 PFTeDA	44.8		20 - 130
13C3 PFBS	76.6		40 - 135
13C3 PFHxS	81.5		40 - 130
13C8 PFOS	81.4		40 - 130
13C8 FOSA	67.9		40 - 130
d3-NMeFOSAA	60.4		40 - 135
d5-NEtFOSAA	55.2		40 - 150
13C2 4:2 FTS	105		40 - 165
13C2 6:2 FTS	107		40 - 215
13C2 8:2 FTS	86.2		40 - 275
13C3 HFPO-DA	78.2		40 - 130
d7-N-MeFOSE-M	31.7		20 - 130
d9-N-EtFOSE-M	22.9		15 - 130
d5-NEtPFOSA	53.3		10 - 130
d3-NMePFOSA	60.0		10 - 130
13C2 PFDoA	63.8		40 - 130

Method: 6020B - Metals (ICP/MS)

Lab Sample ID: MB 460-1068890/1-A
Matrix: Solid
Analysis Batch: 1069082

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 1068890

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Aluminum	20.0	U	20.0	5.5	mg/Kg		10/16/25 19:30	10/17/25 14:50	1
Antimony	1.0	U	1.0	0.15	mg/Kg		10/16/25 19:30	10/17/25 14:50	1
Arsenic	1.0	U	1.0	0.10	mg/Kg		10/16/25 19:30	10/17/25 14:50	1
Barium	2.0	U	2.0	0.15	mg/Kg		10/16/25 19:30	10/17/25 14:50	1
Beryllium	0.40	U	0.40	0.022	mg/Kg		10/16/25 19:30	10/17/25 14:50	1
Cadmium	1.0	U	1.0	0.11	mg/Kg		10/16/25 19:30	10/17/25 14:50	1
Calcium	100	U	100	9.7	mg/Kg		10/16/25 19:30	10/17/25 14:50	1
Chromium	2.0	U	2.0	0.30	mg/Kg		10/16/25 19:30	10/17/25 14:50	1
Cobalt	1.0	U	1.0	0.15	mg/Kg		10/16/25 19:30	10/17/25 14:50	1
Copper	2.0	U	2.0	0.37	mg/Kg		10/16/25 19:30	10/17/25 14:50	1
Iron	60.0	U	60.0	7.7	mg/Kg		10/16/25 19:30	10/17/25 14:50	1
Lead	0.60	U	0.60	0.20	mg/Kg		10/16/25 19:30	10/17/25 14:50	1
Magnesium	100	U	100	10.2	mg/Kg		10/16/25 19:30	10/17/25 14:50	1
Manganese	4.0	U	4.0	0.40	mg/Kg		10/16/25 19:30	10/17/25 14:50	1
Nickel	2.0	U	2.0	0.18	mg/Kg		10/16/25 19:30	10/17/25 14:50	1
Potassium	100	U	100	16.2	mg/Kg		10/16/25 19:30	10/17/25 14:50	1
Selenium	1.3	U	1.3	0.13	mg/Kg		10/16/25 19:30	10/17/25 14:50	1
Silver	0.40	U	0.40	0.089	mg/Kg		10/16/25 19:30	10/17/25 14:50	1
Sodium	100	U	100	45.7	mg/Kg		10/16/25 19:30	10/17/25 14:50	1
Thallium	0.40	U	0.40	0.041	mg/Kg		10/16/25 19:30	10/17/25 14:50	1

Method: 6020B - Metals (ICP/MS) (Continued)

Lab Sample ID: MB 460-1068890/1-A
Matrix: Solid
Analysis Batch: 1069082

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 1068890

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Vanadium	2.0	U	2.0	0.21	mg/Kg		10/16/25 19:30	10/17/25 14:50	1
Zinc	8.0	U	8.0	1.1	mg/Kg		10/16/25 19:30	10/17/25 14:50	1

Lab Sample ID: LCSSRM 460-1068890/2-A
Matrix: Solid
Analysis Batch: 1069082

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 1068890

Analyte	Spike Added	LCSSRM Result	LCSSRM Qualifier	Unit	D	%Rec	%Rec Limits
Aluminum	6840	5034		mg/Kg		73.6	53.2 - 146.2
Antimony	131	65.07		mg/Kg		49.7	4.5 - 195.4
Arsenic	192	172.3		mg/Kg		89.7	81.3 - 118.8
Barium	219	202.7		mg/Kg		92.6	81.7 - 118.3
Beryllium	146	130.4		mg/Kg		89.3	82.2 - 117.8
Cadmium	114	107.9		mg/Kg		94.6	81.7 - 118.4
Calcium	4080	3713		mg/Kg		91.0	82.4 - 117.6
Chromium	153	146.2		mg/Kg		95.6	81.0 - 119.0
Cobalt	231	220.9		mg/Kg		95.6	83.1 - 117.3
Copper	91.2	85.35		mg/Kg		93.6	83.1 - 117.3
Iron	7020	5277		mg/Kg		75.2	60.7 - 139.2
Lead	141	119.0		mg/Kg		84.4	81.6 - 118.4
Magnesium	1900	1537		mg/Kg		80.9	76.3 - 123.7
Manganese	401	355.7		mg/Kg		88.7	80.8 - 119.0
Nickel	143	143.1		mg/Kg		100.1	81.8 - 118.9
Potassium	1760	1413		mg/Kg		80.3	72.2 - 127.8
Selenium	94.7	84.31		mg/Kg		89.0	78.5 - 121.4
Silver	77.0	66.59		mg/Kg		86.5	79.4 - 120.6
Sodium	661	618.5		mg/Kg		93.6	73.7 - 126.2
Thallium	183	170.6		mg/Kg		93.2	80.3 - 119.7
Vanadium	159	144.9		mg/Kg		91.1	78.6 - 122.0
Zinc	292	270.2		mg/Kg		92.5	79.8 - 120.2

Method: 6020B - Metals (ICP/MS) (Continued)

Lab Sample ID: 460-336854-E-4-U MS
Matrix: Solid
Analysis Batch: 1069082

Client Sample ID: Matrix Spike
Prep Type: Total/NA
Prep Batch: 1068890

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec Limits
Aluminum	7500		462	8146	4	mg/Kg	☼	141	75 - 125
Antimony	4.9		4.62	11.21	N	mg/Kg	☼	137	75 - 125
Arsenic	12.5		9.25	24.12	N	mg/Kg	☼	126	75 - 125
Barium	686		9.25	689.9	4	mg/Kg	☼	44	75 - 125
Beryllium	0.52		4.62	4.52		mg/Kg	☼	87	75 - 125
Cadmium	2.9		4.62	11.04	N	mg/Kg	☼	175	75 - 125
Calcium	49100		462	46790	4	mg/Kg	☼	-490	75 - 125
Chromium	30.4		9.25	47.86	N	mg/Kg	☼	189	75 - 125
Cobalt	7.3		4.62	12.43		mg/Kg	☼	110	75 - 125
Copper	174		9.25	219.1	4	mg/Kg	☼	490	75 - 125
Iron	23500		462	41430	4	mg/Kg	☼	3877	75 - 125
Lead	976		4.62	1056	4	mg/Kg	☼	1736	75 - 125
Magnesium	13600		462	13970	4	mg/Kg	☼	81	75 - 125
Manganese	317		46.2	439.3	4	mg/Kg	☼	265	75 - 125
Nickel	32.5		9.25	74.14	N	mg/Kg	☼	450	75 - 125
Potassium	1940		462	2489	4	mg/Kg	☼	119	75 - 125
Selenium	0.79	J	9.25	8.95		mg/Kg	☼	88	75 - 125
Silver	0.52		4.62	4.82		mg/Kg	☼	93	75 - 125
Sodium	195		462	622.0		mg/Kg	☼	92	75 - 125
Thallium	0.21	J	3.70	3.48		mg/Kg	☼	89	75 - 125
Vanadium	58.3		9.25	72.92	4	mg/Kg	☼	158	75 - 125
Zinc	949		46.2	1207	4	mg/Kg	☼	557	75 - 125

Lab Sample ID: 460-336854-E-4-V MSD
Matrix: Solid
Analysis Batch: 1069082

Client Sample ID: Matrix Spike Duplicate
Prep Type: Total/NA
Prep Batch: 1068890

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Aluminum	7500		448	8430	4	mg/Kg	☼	208	75 - 125	3	20
Antimony	4.9		4.48	10.26		mg/Kg	☼	121	75 - 125	9	20
Arsenic	12.5		8.96	20.01		mg/Kg	☼	84	75 - 125	19	20
Barium	686		8.96	819.1	4	mg/Kg	☼	1488	75 - 125	17	20
Beryllium	0.52		4.48	4.63		mg/Kg	☼	92	75 - 125	2	20
Cadmium	2.9		4.48	6.36	N	mg/Kg	☼	76	75 - 125	54	20
Calcium	49100		448	58450	4 N	mg/Kg	☼	2097	75 - 125	22	20
Chromium	30.4		8.96	45.30	N	mg/Kg	☼	166	75 - 125	6	20
Cobalt	7.3		4.48	11.74		mg/Kg	☼	99	75 - 125	6	20
Copper	174		8.96	162.2	4 N	mg/Kg	☼	-130	75 - 125	30	20
Iron	23500		448	32270	4 N	mg/Kg	☼	1957	75 - 125	25	20
Lead	976		4.48	1430	4 N	mg/Kg	☼	10135	75 - 125	30	20
Magnesium	13600		448	16750	4	mg/Kg	☼	704	75 - 125	18	20
Manganese	317		44.8	403.3	4	mg/Kg	☼	193	75 - 125	9	20
Nickel	32.5		8.96	43.00	N	mg/Kg	☼	117	75 - 125	53	20
Potassium	1940		448	2394	4	mg/Kg	☼	101	75 - 125	4	20
Selenium	0.79	J	8.96	8.69		mg/Kg	☼	88	75 - 125	3	20
Silver	0.52		4.48	4.53		mg/Kg	☼	90	75 - 125	6	20
Sodium	195		448	601.8		mg/Kg	☼	91	75 - 125	3	20
Thallium	0.21	J	3.59	3.39		mg/Kg	☼	89	75 - 125	3	20
Vanadium	58.3		8.96	60.02	4	mg/Kg	☼	19	75 - 125	19	20

Method: 6020B - Metals (ICP/MS) (Continued)

Lab Sample ID: 460-336854-E-4-V MSD
Matrix: Solid
Analysis Batch: 1069082

Client Sample ID: Matrix Spike Duplicate
Prep Type: Total/NA
Prep Batch: 1068890

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Zinc	949		44.8	884.0	4 N	mg/Kg	☼	-146	75 - 125	31	20

Lab Sample ID: 460-336854-A-4-D DU
Matrix: Solid
Analysis Batch: 1069082

Client Sample ID: Duplicate
Prep Type: Total/NA
Prep Batch: 1068890

Analyte	Sample Result	Sample Qualifier		DU Result	DU Qualifier	Unit	D			RPD	RPD Limit
Aluminum	7500			8119		mg/Kg	☼			8	20
Antimony	4.9			7.32	*	mg/Kg	☼			41	20
Arsenic	12.5			11.24		mg/Kg	☼			10	20
Barium	686			663.4		mg/Kg	☼			3	20
Beryllium	0.52			0.492		mg/Kg	☼			5	20
Cadmium	2.9			2.09		mg/Kg	☼			34	20
Calcium	49100			48350		mg/Kg	☼			1	20
Chromium	30.4			34.53		mg/Kg	☼			13	20
Cobalt	7.3			7.24		mg/Kg	☼			1	20
Copper	174			155.1		mg/Kg	☼			11	20
Iron	23500			22020		mg/Kg	☼			6	20
Lead	976			1248	*	mg/Kg	☼			24	20
Magnesium	13600			13470		mg/Kg	☼			0.9	20
Manganese	317			314.1		mg/Kg	☼			0.8	20
Nickel	32.5			29.32		mg/Kg	☼			10	20
Potassium	1940			2178		mg/Kg	☼			12	20
Selenium	0.79	J		0.715	J	mg/Kg	☼			10	20
Silver	0.52			0.539		mg/Kg	☼			4	20
Sodium	195			184.2		mg/Kg	☼			6	20
Thallium	0.21	J		0.233	J	mg/Kg	☼			12	20
Vanadium	58.3			58.49		mg/Kg	☼			0.3	20
Zinc	949			785.6		mg/Kg	☼			19	20

Lab Sample ID: MB 460-1068891/1-A
Matrix: Solid
Analysis Batch: 1069082

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 1068891

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Aluminum	20.0	U	20.0	5.5	mg/Kg		10/16/25 19:30	10/17/25 11:20	1
Antimony	1.0	U	1.0	0.15	mg/Kg		10/16/25 19:30	10/17/25 11:20	1
Arsenic	1.0	U	1.0	0.10	mg/Kg		10/16/25 19:30	10/17/25 11:20	1
Barium	2.0	U	2.0	0.15	mg/Kg		10/16/25 19:30	10/17/25 11:20	1
Beryllium	0.40	U	0.40	0.022	mg/Kg		10/16/25 19:30	10/17/25 11:20	1
Cadmium	1.0	U	1.0	0.11	mg/Kg		10/16/25 19:30	10/17/25 11:20	1
Calcium	100	U	100	9.7	mg/Kg		10/16/25 19:30	10/17/25 11:20	1
Chromium	2.0	U	2.0	0.30	mg/Kg		10/16/25 19:30	10/17/25 11:20	1
Cobalt	1.0	U	1.0	0.15	mg/Kg		10/16/25 19:30	10/17/25 11:20	1
Copper	2.0	U	2.0	0.37	mg/Kg		10/16/25 19:30	10/17/25 11:20	1
Iron	60.0	U	60.0	7.7	mg/Kg		10/16/25 19:30	10/17/25 11:20	1
Lead	0.60	U	0.60	0.20	mg/Kg		10/16/25 19:30	10/17/25 11:20	1
Magnesium	100	U	100	10.2	mg/Kg		10/16/25 19:30	10/17/25 11:20	1
Manganese	4.0	U	4.0	0.40	mg/Kg		10/16/25 19:30	10/17/25 11:20	1

Method: 6020B - Metals (ICP/MS) (Continued)

Lab Sample ID: MB 460-1068891/1-A
Matrix: Solid
Analysis Batch: 1069082

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 1068891

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Nickel	2.0	U	2.0	0.18	mg/Kg		10/16/25 19:30	10/17/25 11:20	1
Potassium	100	U	100	16.2	mg/Kg		10/16/25 19:30	10/17/25 11:20	1
Selenium	1.3	U	1.3	0.13	mg/Kg		10/16/25 19:30	10/17/25 11:20	1
Silver	0.40	U	0.40	0.089	mg/Kg		10/16/25 19:30	10/17/25 11:20	1
Sodium	100	U	100	45.7	mg/Kg		10/16/25 19:30	10/17/25 11:20	1
Thallium	0.40	U	0.40	0.041	mg/Kg		10/16/25 19:30	10/17/25 11:20	1
Vanadium	2.0	U	2.0	0.21	mg/Kg		10/16/25 19:30	10/17/25 11:20	1
Zinc	8.0	U	8.0	1.1	mg/Kg		10/16/25 19:30	10/17/25 11:20	1

Lab Sample ID: LCSSRM 460-1068891/2-A
Matrix: Solid
Analysis Batch: 1069082

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 1068891

Analyte	Spike Added	LCSSRM Result	LCSSRM Qualifier	Unit	D	%Rec	%Rec Limits
Aluminum	6840	5546		mg/Kg		81.1	53.2 - 146.2
Antimony	131	65.82		mg/Kg		50.2	4.5 - 195.4
Arsenic	192	182.3		mg/Kg		94.9	81.3 - 118.8
Barium	219	207.1		mg/Kg		94.6	81.7 - 118.3
Beryllium	146	143.4		mg/Kg		98.2	82.2 - 117.8
Cadmium	114	120.3		mg/Kg		105.5	81.7 - 118.4
Calcium	4080	4036		mg/Kg		98.9	82.4 - 117.6
Chromium	153	155.0		mg/Kg		101.3	81.0 - 119.0
Cobalt	231	237.4		mg/Kg		102.8	83.1 - 117.3
Copper	91.2	91.16		mg/Kg		100	83.1 - 117.3
Iron	7020	5592		mg/Kg		79.7	60.7 - 139.2
Lead	141	128.2		mg/Kg		90.9	81.6 - 118.4
Magnesium	1900	1683		mg/Kg		88.6	76.3 - 123.7
Manganese	401	379.9		mg/Kg		94.7	80.8 - 119.0
Nickel	143	154.1		mg/Kg		107.8	81.8 - 118.9
Potassium	1760	1535		mg/Kg		87.2	72.2 - 127.8
Selenium	94.7	91.34		mg/Kg		96.5	78.5 - 121.4
Silver	77.0	72.06		mg/Kg		93.6	79.4 - 120.6
Sodium	661	690.2		mg/Kg		104.4	73.7 - 126.2
Thallium	183	188.3		mg/Kg		102.9	80.3 - 119.7

Method: 6020B - Metals (ICP/MS) (Continued)

Lab Sample ID: LCSSRM 460-1068891/2-A
Matrix: Solid
Analysis Batch: 1069082

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 1068891

Analyte			Spike Added	LCSSRM Result	LCSSRM Qualifier	Unit	D	%Rec	%Rec Limits		
Vanadium			159	153.6		mg/Kg		96.6	78.6 - 122.0		
Zinc			292	293.1		mg/Kg		100.4	79.8 - 120.2		

Lab Sample ID: 460-336882-A-1-F MS
Matrix: Solid
Analysis Batch: 1069082

Client Sample ID: Matrix Spike
Prep Type: Total/NA
Prep Batch: 1068891

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec Limits		
Aluminum	4970		462	7635	4	mg/Kg	☼	576	75 - 125		
Antimony	4.5		4.62	9.98		mg/Kg	☼	119	75 - 125		
Arsenic	10.4		9.24	20.21		mg/Kg	☼	106	75 - 125		
Barium	30.1		9.24	44.35	N	mg/Kg	☼	155	75 - 125		
Beryllium	0.39		4.62	4.73		mg/Kg	☼	94	75 - 125		
Cadmium	0.39	J	4.62	4.74		mg/Kg	☼	94	75 - 125		
Calcium	501		462	885.8		mg/Kg	☼	83	75 - 125		
Chromium	43.4		9.24	57.50	4	mg/Kg	☼	153	75 - 125		
Cobalt	7.1		4.62	14.54	N	mg/Kg	☼	161	75 - 125		
Copper	38.9		9.24	60.30	4	mg/Kg	☼	232	75 - 125		
Iron	13000		462	14340	4	mg/Kg	☼	285	75 - 125		
Lead	90.6		4.62	109.9	4	mg/Kg	☼	418	75 - 125		
Magnesium	1260		462	2041	N	mg/Kg	☼	169	75 - 125		
Manganese	110		46.2	120.1	N	mg/Kg	☼	22	75 - 125		
Nickel	10.1		9.24	21.76	N	mg/Kg	☼	127	75 - 125		
Potassium	1090		462	1787	N	mg/Kg	☼	152	75 - 125		
Selenium	0.59	J	9.24	9.04		mg/Kg	☼	91	75 - 125		
Silver	0.31	J	4.62	4.73		mg/Kg	☼	96	75 - 125		
Sodium	44.3	J	462	493.0		mg/Kg	☼	97	75 - 125		
Thallium	0.063	J	3.70	3.49		mg/Kg	☼	93	75 - 125		
Vanadium	19.0		9.24	31.37	N	mg/Kg	☼	133	75 - 125		
Zinc	140		46.2	168.0	N	mg/Kg	☼	61	75 - 125		

Lab Sample ID: 460-336882-A-1-E DU
Matrix: Solid
Analysis Batch: 1069082

Client Sample ID: Duplicate
Prep Type: Total/NA
Prep Batch: 1068891

Analyte	Sample Result	Sample Qualifier		DU Result	DU Qualifier	Unit	D			RPD	RPD Limit
Aluminum	4970			4405		mg/Kg	☼			12	20
Antimony	4.5			2.53	*	mg/Kg	☼			56	20
Arsenic	10.4			6.95	*	mg/Kg	☼			40	20
Barium	30.1			26.45		mg/Kg	☼			13	20
Beryllium	0.39			0.313	J	mg/Kg	☼			22	20
Cadmium	0.39	J		0.525	J	mg/Kg	☼			30	20
Calcium	501			442.1		mg/Kg	☼			13	20
Chromium	43.4			22.46	*	mg/Kg	☼			64	20
Cobalt	7.1			5.05	*	mg/Kg	☼			34	20
Copper	38.9			27.09	*	mg/Kg	☼			36	20
Iron	13000			11710		mg/Kg	☼			11	20
Lead	90.6			57.00	*	mg/Kg	☼			46	20

Method: 6020B - Metals (ICP/MS) (Continued)

Lab Sample ID: 460-336882-A-1-E DU
Matrix: Solid
Analysis Batch: 1069082

Client Sample ID: Duplicate
Prep Type: Total/NA
Prep Batch: 1068891

Analyte	Sample Result	Sample Qualifier	DU Result	DU Qualifier	Unit	D	RPD	RPD Limit
Magnesium	1260		1192		mg/Kg	☼	6	20
Manganese	110		91.79		mg/Kg	☼	18	20
Nickel	10.1		7.79	*	mg/Kg	☼	25	20
Potassium	1090		1049		mg/Kg	☼	3	20
Selenium	0.59	J	0.392	J	mg/Kg	☼	40	20
Silver	0.31	J	0.191	J	mg/Kg	☼	48	20
Sodium	44.3	J	92.4	U	mg/Kg	☼	NC	20
Thallium	0.063	J	0.0613	J	mg/Kg	☼	3	20
Vanadium	19.0		17.49		mg/Kg	☼	8	20
Zinc	140		104.0	*	mg/Kg	☼	29	20

Lab Sample ID: MB 460-1069029/1-A
Matrix: Solid
Analysis Batch: 1069107

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 1069029

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Aluminum	20.0	U	20.0	5.5	mg/Kg		10/17/25 10:12	10/17/25 19:58	1
Antimony	1.0	U	1.0	0.15	mg/Kg		10/17/25 10:12	10/17/25 19:58	1
Arsenic	1.0	U	1.0	0.10	mg/Kg		10/17/25 10:12	10/17/25 19:58	1
Barium	2.0	U	2.0	0.15	mg/Kg		10/17/25 10:12	10/17/25 19:58	1
Beryllium	0.40	U	0.40	0.022	mg/Kg		10/17/25 10:12	10/17/25 19:58	1
Cadmium	1.0	U	1.0	0.11	mg/Kg		10/17/25 10:12	10/17/25 19:58	1
Calcium	100	U	100	9.7	mg/Kg		10/17/25 10:12	10/17/25 19:58	1
Chromium	2.0	U	2.0	0.30	mg/Kg		10/17/25 10:12	10/17/25 19:58	1
Cobalt	1.0	U	1.0	0.15	mg/Kg		10/17/25 10:12	10/17/25 19:58	1
Copper	2.0	U	2.0	0.37	mg/Kg		10/17/25 10:12	10/17/25 19:58	1
Iron	60.0	U	60.0	7.7	mg/Kg		10/17/25 10:12	10/17/25 19:58	1
Magnesium	100	U	100	10.2	mg/Kg		10/17/25 10:12	10/17/25 19:58	1
Manganese	4.0	U	4.0	0.40	mg/Kg		10/17/25 10:12	10/17/25 19:58	1
Nickel	2.0	U	2.0	0.18	mg/Kg		10/17/25 10:12	10/17/25 19:58	1
Potassium	100	U	100	16.2	mg/Kg		10/17/25 10:12	10/17/25 19:58	1
Selenium	1.3	U	1.3	0.13	mg/Kg		10/17/25 10:12	10/17/25 19:58	1
Silver	0.40	U	0.40	0.089	mg/Kg		10/17/25 10:12	10/17/25 19:58	1
Sodium	100	U	100	45.7	mg/Kg		10/17/25 10:12	10/17/25 19:58	1
Thallium	0.40	U	0.40	0.041	mg/Kg		10/17/25 10:12	10/17/25 19:58	1
Vanadium	2.0	U	2.0	0.21	mg/Kg		10/17/25 10:12	10/17/25 19:58	1
Zinc	8.0	U	8.0	1.1	mg/Kg		10/17/25 10:12	10/17/25 19:58	1

Lab Sample ID: MB 460-1069029/1-A
Matrix: Solid
Analysis Batch: 1069547

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 1069029

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Aluminum	20.0	U	20.0	5.5	mg/Kg		10/17/25 10:12	10/20/25 19:10	1
Antimony	1.0	U	1.0	0.15	mg/Kg		10/17/25 10:12	10/20/25 19:10	1
Arsenic	1.0	U	1.0	0.10	mg/Kg		10/17/25 10:12	10/20/25 19:10	1
Barium	2.0	U	2.0	0.15	mg/Kg		10/17/25 10:12	10/20/25 19:10	1
Beryllium	0.40	U	0.40	0.022	mg/Kg		10/17/25 10:12	10/20/25 19:10	1
Cadmium	1.0	U	1.0	0.11	mg/Kg		10/17/25 10:12	10/20/25 19:10	1

Method: 6020B - Metals (ICP/MS) (Continued)

Lab Sample ID: MB 460-1069029/1-A
Matrix: Solid
Analysis Batch: 1069547

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 1069029

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Calcium	100	U	100	9.7	mg/Kg		10/17/25 10:12	10/20/25 19:10	1
Chromium	2.0	U	2.0	0.30	mg/Kg		10/17/25 10:12	10/20/25 19:10	1
Cobalt	1.0	U	1.0	0.15	mg/Kg		10/17/25 10:12	10/20/25 19:10	1
Copper	2.0	U	2.0	0.37	mg/Kg		10/17/25 10:12	10/20/25 19:10	1
Iron	60.0	U	60.0	7.7	mg/Kg		10/17/25 10:12	10/20/25 19:10	1
Lead	0.60	U	0.60	0.20	mg/Kg		10/17/25 10:12	10/20/25 19:10	1
Magnesium	100	U	100	10.2	mg/Kg		10/17/25 10:12	10/20/25 19:10	1
Manganese	4.0	U	4.0	0.40	mg/Kg		10/17/25 10:12	10/20/25 19:10	1
Nickel	2.0	U	2.0	0.18	mg/Kg		10/17/25 10:12	10/20/25 19:10	1
Potassium	100	U	100	16.2	mg/Kg		10/17/25 10:12	10/20/25 19:10	1
Selenium	1.3	U	1.3	0.13	mg/Kg		10/17/25 10:12	10/20/25 19:10	1
Silver	0.40	U	0.40	0.089	mg/Kg		10/17/25 10:12	10/20/25 19:10	1
Sodium	100	U	100	45.7	mg/Kg		10/17/25 10:12	10/20/25 19:10	1
Thallium	0.40	U	0.40	0.041	mg/Kg		10/17/25 10:12	10/20/25 19:10	1
Vanadium	2.0	U	2.0	0.21	mg/Kg		10/17/25 10:12	10/20/25 19:10	1
Zinc	8.0	U	8.0	1.1	mg/Kg		10/17/25 10:12	10/20/25 19:10	1

Lab Sample ID: LCSSRM 460-1069029/2-A
Matrix: Solid
Analysis Batch: 1069107

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 1069029

Analyte	Spike Added	LCSSRM Result	LCSSRM Qualifier	Unit	D	%Rec	%Rec Limits
Aluminum	6840	5383		mg/Kg		78.7	53.2 - 146.2
Antimony	131	58.19		mg/Kg		44.4	4.5 - 195.4
Arsenic	192	175.9		mg/Kg		91.6	81.3 - 118.8
Barium	219	194.0		mg/Kg		88.6	81.7 - 118.3
Beryllium	146	123.3		mg/Kg		84.5	82.2 - 117.8
Cadmium	114	100.2		mg/Kg		87.9	81.7 - 118.4
Calcium	4080	3673		mg/Kg		90.0	82.4 - 117.6
Chromium	153	138.5		mg/Kg		90.5	81.0 - 119.0
Cobalt	231	213.7		mg/Kg		92.5	83.1 - 117.3
Copper	91.2	82.65		mg/Kg		90.6	83.1 - 117.3
Iron	7020	5633		mg/Kg		80.2	60.7 - 139.2
Lead	141	124.0		mg/Kg		88.0	81.6 - 118.4
Magnesium	1900	1584		mg/Kg		83.4	76.3 - 123.7
Manganese	401	366.3		mg/Kg		91.3	80.8 - 119.0
Nickel	143	133.8		mg/Kg		93.5	81.8 - 118.9
Potassium	1760	1486		mg/Kg		84.4	72.2 - 127.8

Method: 6020B - Metals (ICP/MS) (Continued)

Lab Sample ID: LCSSRM 460-1069029/2-A
Matrix: Solid
Analysis Batch: 1069107

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 1069029

Analyte	Spike Added	LCSSRM Result	LCSSRM Qualifier	Unit	D	%Rec	%Rec Limits
Selenium	94.7	86.08		mg/Kg		90.9	78.5 - 121.4
Silver	77.0	67.28		mg/Kg		87.4	79.4 - 120.6
Sodium	661	606.9		mg/Kg		91.8	73.7 - 126.2
Thallium	183	163.0		mg/Kg		89.1	80.3 - 119.7
Vanadium	159	138.5		mg/Kg		87.1	78.6 - 122.0
Zinc	292	268.4		mg/Kg		91.9	79.8 - 120.2

Lab Sample ID: 460-336780-B-8-I MS
Matrix: Solid
Analysis Batch: 1069107

Client Sample ID: Matrix Spike
Prep Type: Total/NA
Prep Batch: 1069029

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec Limits
Aluminum	6980		531	9126	4	mg/Kg	☼	403	75 - 125
Antimony	1.1	U	5.31	2.55	N	mg/Kg	☼	48	75 - 125
Arsenic	0.12	J	10.6	10.32		mg/Kg	☼	96	75 - 125
Barium	12.8		10.6	23.46		mg/Kg	☼	100	75 - 125
Beryllium	0.18	J	5.31	5.02		mg/Kg	☼	91	75 - 125
Cadmium	1.1	U	5.31	4.75		mg/Kg	☼	89	75 - 125
Calcium	586		531	1063		mg/Kg	☼	90	75 - 125
Chromium	1.7	J	10.6	11.88		mg/Kg	☼	95	75 - 125
Cobalt	1.1		5.31	6.25		mg/Kg	☼	96	75 - 125
Copper	0.85	J	10.6	10.71		mg/Kg	☼	93	75 - 125
Iron	2520		531	3407	4	mg/Kg	☼	166	75 - 125
Lead	0.88		5.31	5.91		mg/Kg	☼	95	75 - 125
Magnesium	639		531	1229		mg/Kg	☼	111	75 - 125
Manganese	31.2		53.1	81.09		mg/Kg	☼	94	75 - 125
Nickel	1.7	J	10.6	12.11		mg/Kg	☼	98	75 - 125
Potassium	566		531	960.8	N	mg/Kg	☼	74	75 - 125
Selenium	1.3	U	10.6	10.28		mg/Kg	☼	97	75 - 125
Silver	0.42	U	5.31	4.84		mg/Kg	☼	91	75 - 125
Sodium	106	U	531	514.6		mg/Kg	☼	97	75 - 125
Thallium	0.42	U	4.25	3.98		mg/Kg	☼	94	75 - 125
Vanadium	3.5		10.6	14.21		mg/Kg	☼	100	75 - 125
Zinc	4.8	J	53.1	53.64		mg/Kg	☼	92	75 - 125

Lab Sample ID: 460-336780-B-8-J MSD
Matrix: Solid
Analysis Batch: 1069107

Client Sample ID: Matrix Spike Duplicate
Prep Type: Total/NA
Prep Batch: 1069029

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Aluminum	6980		531	9701	4	mg/Kg	☼	512	75 - 125	6	20
Antimony	1.1	U	5.31	2.42	N	mg/Kg	☼	46	75 - 125	5	20
Arsenic	0.12	J	10.6	10.12		mg/Kg	☼	94	75 - 125	2	20
Barium	12.8		10.6	25.07		mg/Kg	☼	115	75 - 125	7	20
Beryllium	0.18	J	5.31	5.13		mg/Kg	☼	93	75 - 125	2	20

Method: 6020B - Metals (ICP/MS) (Continued)

Lab Sample ID: 460-336780-B-8-J MSD
Matrix: Solid
Analysis Batch: 1069107

Client Sample ID: Matrix Spike Duplicate
Prep Type: Total/NA
Prep Batch: 1069029

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Cadmium	1.1	U	5.31	4.79		mg/Kg	☼	90	75 - 125	1	20
Calcium	586		531	1119		mg/Kg	☼	100	75 - 125	5	20
Chromium	1.7	J	10.6	12.19		mg/Kg	☼	98	75 - 125	3	20
Cobalt	1.1		5.31	6.57		mg/Kg	☼	102	75 - 125	5	20
Copper	0.85	J	10.6	10.76		mg/Kg	☼	93	75 - 125	0	20
Iron	2520		531	4135	4	mg/Kg	☼	303	75 - 125	19	20
Lead	0.88		5.31	6.02		mg/Kg	☼	97	75 - 125	2	20
Magnesium	639		531	1397	N	mg/Kg	☼	143	75 - 125	13	20
Manganese	31.2		53.1	92.22		mg/Kg	☼	115	75 - 125	13	20
Nickel	1.7	J	10.6	12.77		mg/Kg	☼	104	75 - 125	5	20
Potassium	566		531	1015		mg/Kg	☼	84	75 - 125	5	20
Selenium	1.3	U	10.6	9.75		mg/Kg	☼	92	75 - 125	5	20
Silver	0.42	U	5.31	4.86		mg/Kg	☼	92	75 - 125	1	20
Sodium	106	U	531	519.2		mg/Kg	☼	98	75 - 125	1	20
Thallium	0.42	U	4.25	4.04		mg/Kg	☼	95	75 - 125	2	20
Vanadium	3.5		10.6	15.05		mg/Kg	☼	108	75 - 125	6	20
Zinc	4.8	J	53.1	55.17		mg/Kg	☼	95	75 - 125	3	20

Lab Sample ID: 460-336780-B-8-H DU
Matrix: Solid
Analysis Batch: 1069107

Client Sample ID: Duplicate
Prep Type: Total/NA
Prep Batch: 1069029

Analyte	Sample Result	Sample Qualifier	DU Result	DU Qualifier	Unit	D	RPD	RPD Limit
Aluminum	6980		6564		mg/Kg	☼	6	20
Antimony	1.1	U	1.1	U	mg/Kg	☼	NC	20
Arsenic	0.12	J	0.112	J	mg/Kg	☼	8	20
Barium	12.8		12.60		mg/Kg	☼	2	20
Beryllium	0.18	J	0.172	J	mg/Kg	☼	4	20
Cadmium	1.1	U	1.1	U	mg/Kg	☼	NC	20
Calcium	586		585.1		mg/Kg	☼	0.1	20
Chromium	1.7	J	1.86	J	mg/Kg	☼	7	20
Cobalt	1.1		1.04	J	mg/Kg	☼	10	20
Copper	0.85	J	0.785	J	mg/Kg	☼	8	20
Iron	2520		2323		mg/Kg	☼	8	20
Lead	0.88		0.895		mg/Kg	☼	2	20
Magnesium	639		591.3		mg/Kg	☼	8	20
Manganese	31.2		28.57		mg/Kg	☼	9	20
Nickel	1.7	J	1.52	J	mg/Kg	☼	12	20
Potassium	566		574.3		mg/Kg	☼	1	20
Selenium	1.3	U	1.3	U	mg/Kg	☼	NC	20
Silver	0.42	U	0.42	U	mg/Kg	☼	NC	20
Sodium	106	U	106	U	mg/Kg	☼	NC	20
Thallium	0.42	U	0.42	U	mg/Kg	☼	NC	20
Vanadium	3.5		3.41		mg/Kg	☼	4	20
Zinc	4.8	J	4.30	J	mg/Kg	☼	12	20

Method: 7471B - Mercury (CVAA)

Lab Sample ID: MB 460-1069401/1-A
Matrix: Solid
Analysis Batch: 1069496

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 1069401

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	0.017	U	0.017	0.0080	mg/Kg		10/20/25 01:55	10/20/25 07:51	1

Lab Sample ID: LCSSRM 460-1069401/2-A
Matrix: Solid
Analysis Batch: 1069496

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 1069401

Analyte			Spike Added	LCSSRM Result	LCSSRM Qualifier	Unit	D	%Rec	%Rec Limits		
Mercury			14.1	12.50		mg/Kg		88.6	69.6 - 130.5		

Lab Sample ID: 460-336667-B-2-N MS
Matrix: Solid
Analysis Batch: 1069496

Client Sample ID: Matrix Spike
Prep Type: Total/NA
Prep Batch: 1069401

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec Limits		
Mercury	0.35		0.0898	0.482	N	mg/Kg	☼	150	80 - 120		

Lab Sample ID: 460-336667-B-2-O MSD
Matrix: Solid
Analysis Batch: 1069496

Client Sample ID: Matrix Spike Duplicate
Prep Type: Total/NA
Prep Batch: 1069401

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Mercury	0.35		0.0898	0.529	N	mg/Kg	☼	203	80 - 120	9	20

Lab Sample ID: 460-336667-B-2-M DU
Matrix: Solid
Analysis Batch: 1069496

Client Sample ID: Duplicate
Prep Type: Total/NA
Prep Batch: 1069401

Analyte	Sample Result	Sample Qualifier	DU Result	DU Qualifier	Unit	D	RPD	RPD Limit
Mercury	0.35		0.376		mg/Kg	☼	8	20

Lab Sample ID: MB 460-1069402/1-A
Matrix: Solid
Analysis Batch: 1069497

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 1069402

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	0.017	U	0.017	0.0080	mg/Kg		10/20/25 02:11	10/20/25 07:03	1

Lab Sample ID: LCSSRM 460-1069402/2-A
Matrix: Solid
Analysis Batch: 1069497

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 1069402

Analyte			Spike Added	LCSSRM Result	LCSSRM Qualifier	Unit	D	%Rec	%Rec Limits		
Mercury			14.1	13.26		mg/Kg		94.1	69.6 - 130.5		

Method: 7471B - Mercury (CVAA) (Continued)

Lab Sample ID: 460-336854-E-4-X MS
Matrix: Solid
Analysis Batch: 1069503

Client Sample ID: Matrix Spike
Prep Type: Total/NA
Prep Batch: 1069402

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec Limits
Mercury	1.7		0.0948	1.88	4	mg/Kg	☼	169	80 - 120

Lab Sample ID: 460-336854-E-4-Y MSD
Matrix: Solid
Analysis Batch: 1069503

Client Sample ID: Matrix Spike Duplicate
Prep Type: Total/NA
Prep Batch: 1069402

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Mercury	1.7		0.0948	1.87	4	mg/Kg	☼	163	80 - 120	0	20

Lab Sample ID: 460-336854-A-4-E DU
Matrix: Solid
Analysis Batch: 1069503

Client Sample ID: Duplicate
Prep Type: Total/NA
Prep Batch: 1069402

Analyte	Sample Result	Sample Qualifier	DU Result	DU Qualifier	Unit	D	RPD	RPD Limit
Mercury	1.7		1.63		mg/Kg	☼	5	20

Method: Moisture - Percent Moisture

Lab Sample ID: 460-336638-A-24 DU
Matrix: Solid
Analysis Batch: 1067784

Client Sample ID: Duplicate
Prep Type: Total/NA

Analyte	Sample Result	Sample Qualifier	DU Result	DU Qualifier	Unit	D	RPD	RPD Limit
Percent Moisture	6.7		7.8		%		16	20
Percent Solids	93.3		92.2		%		1	20

Lab Sample ID: 460-336881-4 DU
Matrix: Solid
Analysis Batch: 1067785

Client Sample ID: 50B_4-8
Prep Type: Total/NA

Analyte	Sample Result	Sample Qualifier	DU Result	DU Qualifier	Unit	D	RPD	RPD Limit
Percent Moisture	7.1		9.2	*	%		26	20
Percent Solids	92.9		90.8		%		2	20

Lab Sample ID: 460-336763-D-5 DU
Matrix: Solid
Analysis Batch: 1067833

Client Sample ID: Duplicate
Prep Type: Total/NA

Analyte	Sample Result	Sample Qualifier	DU Result	DU Qualifier	Unit	D	RPD	RPD Limit
Percent Moisture	6.8		5.9		%		14	20
Percent Solids	93.2		94.1		%		0.9	20

Lab Sample ID: 460-336881-20 DU
Matrix: Solid
Analysis Batch: 1067834

Client Sample ID: 3A1_8-9
Prep Type: Total/NA

Analyte	Sample Result	Sample Qualifier	DU Result	DU Qualifier	Unit	D	RPD	RPD Limit
Percent Moisture	5.1		4.4		%		14	20
Percent Solids	94.9		95.6		%		0.7	20

Method: Moisture - Percent Moisture (Continued)

Lab Sample ID: 460-336881-40 DU
Matrix: Solid
Analysis Batch: 1067834

Client Sample ID: 3G3_3-4
Prep Type: Total/NA

Analyte	Sample Result	Sample Qualifier		DU Result	DU Qualifier	Unit	D			RPD	RPD Limit
Percent Moisture	4.9			2.6	*	%				60	20
Percent Solids	95.1			97.4		%				2	20

Lab Sample ID: 460-336881-60 DU
Matrix: Solid
Analysis Batch: 1067834

Client Sample ID: 50C2_2-3
Prep Type: Total/NA

Analyte	Sample Result	Sample Qualifier		DU Result	DU Qualifier	Unit	D			RPD	RPD Limit
Percent Moisture	6.2			6.7		%				8	20
Percent Solids	93.8			93.3		%				0.5	20

GC/MS VOA

Prep Batch: 1067797

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
460-336881-17	3A1_2-3	Total/NA	Solid	5035	
460-336881-18	3A2_1-2	Total/NA	Solid	5035	
460-336881-19	3A3_6-7	Total/NA	Solid	5035	
460-336881-20	3A1_8-9	Total/NA	Solid	5035	
460-336881-21	3A2_10-11	Total/NA	Solid	5035	
460-336881-22	3A3_12-13	Total/NA	Solid	5035	
460-336881-23	3A2_4-5	Total/NA	Solid	5035	
460-336881-24	3F1_3-4	Total/NA	Solid	5035	
460-336881-25	3F2_1-2	Total/NA	Solid	5035	
460-336881-26	3F3_6-7	Total/NA	Solid	5035	
460-336881-27	3F1_5-6	Total/NA	Solid	5035	
460-336881-28	3F2_11-12	Total/NA	Solid	5035	
460-336881-29	3F3_7-8	Total/NA	Solid	5035	
460-336881-30	3F2_12-13	Total/NA	Solid	5035	
460-336881-31	3E1_2-3	Total/NA	Solid	5035	
460-336881-32	3E2_4-5	Total/NA	Solid	5035	
460-336881-33	3E3_6-7	Total/NA	Solid	5035	
460-336881-34	3E1_8-9	Total/NA	Solid	5035	
460-336881-35	3E2_7-8	Total/NA	Solid	5035	
460-336881-36	3E3_11-12	Total/NA	Solid	5035	
460-336881-37	3E3_13-14	Total/NA	Solid	5035	
460-336881-38	3G1_1-2	Total/NA	Solid	5035	
460-336881-39	3G2_4-5	Total/NA	Solid	5035	
460-336881-40	3G3_3-4	Total/NA	Solid	5035	
460-336881-41	3G1_7-8	Total/NA	Solid	5035	
460-336881-42	3G2_10-11	Total/NA	Solid	5035	
460-336881-43	3G3_9-10	Total/NA	Solid	5035	
460-336881-44	3G1_13-14	Total/NA	Solid	5035	
460-336881-45	50A1_1-2	Total/NA	Solid	5035	
460-336881-46	50A2_2-3	Total/NA	Solid	5035	
460-336881-47	50A3_3-4	Total/NA	Solid	5035	
460-336881-48	50A4_5-6	Total/NA	Solid	5035	
460-336881-49	50A1_8-9	Total/NA	Solid	5035	
460-336881-50	50A2_7-8	Total/NA	Solid	5035	
460-336881-51	50A4_9-10	Total/NA	Solid	5035	
460-336881-52	50B1_1-2	Total/NA	Solid	5035	
460-336881-53	50B2_3-4	Total/NA	Solid	5035	
460-336881-54	50B3_2-3	Total/NA	Solid	5035	
460-336881-55	50B1_4-5	Total/NA	Solid	5035	
460-336881-56	50B2_5-6	Total/NA	Solid	5035	
460-336881-57	50B1_6-7	Total/NA	Solid	5035	
460-336881-58	50B3_7-8	Total/NA	Solid	5035	
460-336881-59	50C1_1-2	Total/NA	Solid	5035	
460-336881-60	50C2_2-3	Total/NA	Solid	5035	
460-336881-61	50C3_4-5	Total/NA	Solid	5035	
460-336881-62	50C1_5-6	Total/NA	Solid	5035	
460-336881-63	50C2_7-8	Total/NA	Solid	5035	
460-336881-64	50C3_5-6	Total/NA	Solid	5035	
460-336881-65	50C2_6-7	Total/NA	Solid	5035	
460-336881-66	50D1_3-4	Total/NA	Solid	5035	

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Prep Batch: 1067799

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
460-336881-67	50D2_1-2	Total/NA	Solid	5035	
460-336881-68	50D3_4-5	Total/NA	Solid	5035	
460-336881-69	50D1_5-6	Total/NA	Solid	5035	
460-336881-70	50D4_6-7	Total/NA	Solid	5035	
460-336881-71	50D3_9-10	Total/NA	Solid	5035	
460-336881-72	50D2_8-9	Total/NA	Solid	5035	

Analysis Batch: 1067930

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
460-336881-18	3A2_1-2	Total/NA	Solid	8260D	1067797
460-336881-19	3A3_6-7	Total/NA	Solid	8260D	1067797
460-336881-20	3A1_8-9	Total/NA	Solid	8260D	1067797
460-336881-21	3A2_10-11	Total/NA	Solid	8260D	1067797
460-336881-22	3A3_12-13	Total/NA	Solid	8260D	1067797
460-336881-23	3A2_4-5	Total/NA	Solid	8260D	1067797
460-336881-24	3F1_3-4	Total/NA	Solid	8260D	1067797
460-336881-25	3F2_1-2	Total/NA	Solid	8260D	1067797
460-336881-26	3F3_6-7	Total/NA	Solid	8260D	1067797
460-336881-27	3F1_5-6	Total/NA	Solid	8260D	1067797
460-336881-28	3F2_11-12	Total/NA	Solid	8260D	1067797
MB 460-1067930/7	Method Blank	Total/NA	Solid	8260D	
LCS 460-1067930/3	Lab Control Sample	Total/NA	Solid	8260D	
LCSD 460-1067930/4	Lab Control Sample Dup	Total/NA	Solid	8260D	

Analysis Batch: 1067931

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
460-336881-70	50D4_6-7	Total/NA	Solid	8260D	1067799
460-336881-71	50D3_9-10	Total/NA	Solid	8260D	1067799
460-336881-72	50D2_8-9	Total/NA	Solid	8260D	1067799
MB 460-1067931/6	Method Blank	Total/NA	Solid	8260D	
LCS 460-1067931/3	Lab Control Sample	Total/NA	Solid	8260D	
LCSD 460-1067931/4	Lab Control Sample Dup	Total/NA	Solid	8260D	

Analysis Batch: 1067943

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
460-336881-30	3F2_12-13	Total/NA	Solid	8260D	1067797
460-336881-31	3E1_2-3	Total/NA	Solid	8260D	1067797
460-336881-32	3E2_4-5	Total/NA	Solid	8260D	1067797
460-336881-33	3E3_6-7	Total/NA	Solid	8260D	1067797
460-336881-34	3E1_8-9	Total/NA	Solid	8260D	1067797
460-336881-35	3E2_7-8	Total/NA	Solid	8260D	1067797
460-336881-36	3E3_11-12	Total/NA	Solid	8260D	1067797
460-336881-37	3E3_13-14	Total/NA	Solid	8260D	1067797
460-336881-38	3G1_1-2	Total/NA	Solid	8260D	1067797
460-336881-39	3G2_4-5	Total/NA	Solid	8260D	1067797
460-336881-41	3G1_7-8	Total/NA	Solid	8260D	1067797
460-336881-42	3G2_10-11	Total/NA	Solid	8260D	1067797
460-336881-43	3G3_9-10	Total/NA	Solid	8260D	1067797
460-336881-44	3G1_13-14	Total/NA	Solid	8260D	1067797
460-336881-45	50A1_1-2	Total/NA	Solid	8260D	1067797
460-336881-46	50A2_2-3	Total/NA	Solid	8260D	1067797

GC/MS VOA (Continued)

Analysis Batch: 1067943 (Continued)

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
460-336881-47	50A3_3-4	Total/NA	Solid	8260D	1067797
460-336881-48	50A4_5-6	Total/NA	Solid	8260D	1067797
460-336881-49	50A1_8-9	Total/NA	Solid	8260D	1067797
MB 460-1067943/7	Method Blank	Total/NA	Solid	8260D	
LCS 460-1067943/3	Lab Control Sample	Total/NA	Solid	8260D	
LCSD 460-1067943/4	Lab Control Sample Dup	Total/NA	Solid	8260D	

Analysis Batch: 1067947

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
460-336881-17	3A1_2-3	Total/NA	Solid	8260D	1067797
460-336881-29	3F3_7-8	Total/NA	Solid	8260D	1067797
460-336881-50	50A2_7-8	Total/NA	Solid	8260D	1067797
460-336881-52	50B1_1-2	Total/NA	Solid	8260D	1067797
460-336881-53	50B2_3-4	Total/NA	Solid	8260D	1067797
460-336881-54	50B3_2-3	Total/NA	Solid	8260D	1067797
460-336881-55	50B1_4-5	Total/NA	Solid	8260D	1067797
460-336881-56	50B2_5-6	Total/NA	Solid	8260D	1067797
460-336881-57	50B1_6-7	Total/NA	Solid	8260D	1067797
460-336881-58	50B3_7-8	Total/NA	Solid	8260D	1067797
460-336881-60	50C2_2-3	Total/NA	Solid	8260D	1067797
460-336881-61	50C3_4-5	Total/NA	Solid	8260D	1067797
460-336881-62	50C1_5-6	Total/NA	Solid	8260D	1067797
460-336881-63	50C2_7-8	Total/NA	Solid	8260D	1067797
460-336881-64	50C3_5-6	Total/NA	Solid	8260D	1067797
460-336881-65	50C2_6-7	Total/NA	Solid	8260D	1067797
460-336881-66	50D1_3-4	Total/NA	Solid	8260D	1067797
MB 460-1067947/7	Method Blank	Total/NA	Solid	8260D	
LCS 460-1067947/3	Lab Control Sample	Total/NA	Solid	8260D	
LCSD 460-1067947/4	Lab Control Sample Dup	Total/NA	Solid	8260D	

Analysis Batch: 1067954

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
460-336881-67	50D2_1-2	Total/NA	Solid	8260D	1067799
460-336881-68	50D3_4-5	Total/NA	Solid	8260D	1067799
460-336881-69	50D1_5-6	Total/NA	Solid	8260D	1067799
MB 460-1067954/7	Method Blank	Total/NA	Solid	8260D	
LCS 460-1067954/3	Lab Control Sample	Total/NA	Solid	8260D	
LCSD 460-1067954/4	Lab Control Sample Dup	Total/NA	Solid	8260D	

Analysis Batch: 1068499

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
460-336881-51	50A4_9-10	Total/NA	Solid	8260D	1067797
460-336881-59	50C1_1-2	Total/NA	Solid	8260D	1067797
MB 460-1068499/7	Method Blank	Total/NA	Solid	8260D	
LCS 460-1068499/3	Lab Control Sample	Total/NA	Solid	8260D	
LCSD 460-1068499/4	Lab Control Sample Dup	Total/NA	Solid	8260D	

Analysis Batch: 1069414

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
460-336881-40	3G3_3-4	Total/NA	Solid	8260D	1067797
MB 460-1069414/7	Method Blank	Total/NA	Solid	8260D	

GC/MS VOA (Continued)

Analysis Batch: 1069414 (Continued)

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
LCS 460-1069414/3	Lab Control Sample	Total/NA	Solid	8260D	
LCSD 460-1069414/4	Lab Control Sample Dup	Total/NA	Solid	8260D	

GC/MS Semi VOA

Prep Batch: 1067577

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
460-336881-1	50A_0-5	Total/NA	Solid	3546	
460-336881-2	50A_5-10	Total/NA	Solid	3546	
460-336881-3	50B_0-4	Total/NA	Solid	3546	
460-336881-4	50B_4-8	Total/NA	Solid	3546	
460-336881-5	50C_0-4	Total/NA	Solid	3546	
460-336881-6	50C_4-8	Total/NA	Solid	3546	
460-336881-7	50D_0-5	Total/NA	Solid	3546	
460-336881-8	50D_5-10	Total/NA	Solid	3546	
460-336881-9	3A_0-7	Total/NA	Solid	3546	
460-336881-10	3A_7-14	Total/NA	Solid	3546	
460-336881-11	3B_0-7	Total/NA	Solid	3546	
MB 460-1067577/1-A	Method Blank	Total/NA	Solid	3546	
LCS 460-1067577/2-A	Lab Control Sample	Total/NA	Solid	3546	
LCSD 460-1067577/3-A	Lab Control Sample Dup	Total/NA	Solid	3546	
460-336454-A-1-D MS	Matrix Spike	Total/NA	Solid	3546	
460-336454-A-1-E MSD	Matrix Spike Duplicate	Total/NA	Solid	3546	

Prep Batch: 1067581

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
460-336881-12	3B_7-14	Total/NA	Solid	3546	
460-336881-13	3F_0-7	Total/NA	Solid	3546	
460-336881-14	3F_7-14	Total/NA	Solid	3546	
460-336881-15	3G_0-7	Total/NA	Solid	3546	
460-336881-16	3G_7-14	Total/NA	Solid	3546	
MB 460-1067581/1-A	Method Blank	Total/NA	Solid	3546	
LCS 460-1067581/2-A	Lab Control Sample	Total/NA	Solid	3546	
LCSD 460-1067581/3-A	Lab Control Sample Dup	Total/NA	Solid	3546	
460-336881-12 MS	3B_7-14	Total/NA	Solid	3546	
460-336881-12 MSD	3B_7-14	Total/NA	Solid	3546	

Analysis Batch: 1067621

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
460-336881-12	3B_7-14	Total/NA	Solid	8270E	1067581
460-336881-13	3F_0-7	Total/NA	Solid	8270E	1067581
460-336881-14	3F_7-14	Total/NA	Solid	8270E	1067581
460-336881-15	3G_0-7	Total/NA	Solid	8270E	1067581
460-336881-16	3G_7-14	Total/NA	Solid	8270E	1067581
MB 460-1067581/1-A	Method Blank	Total/NA	Solid	8270E	1067581
LCS 460-1067581/2-A	Lab Control Sample	Total/NA	Solid	8270E	1067581
LCSD 460-1067581/3-A	Lab Control Sample Dup	Total/NA	Solid	8270E	1067581
460-336881-12 MS	3B_7-14	Total/NA	Solid	8270E	1067581
460-336881-12 MSD	3B_7-14	Total/NA	Solid	8270E	1067581

GC/MS Semi VOA

Analysis Batch: 1067635

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
460-336881-1	50A_0-5	Total/NA	Solid	8270E	1067577
460-336881-2	50A_5-10	Total/NA	Solid	8270E	1067577
460-336881-3	50B_0-4	Total/NA	Solid	8270E	1067577
460-336881-4	50B_4-8	Total/NA	Solid	8270E	1067577
460-336881-5	50C_0-4	Total/NA	Solid	8270E	1067577
460-336881-6	50C_4-8	Total/NA	Solid	8270E	1067577
460-336881-7	50D_0-5	Total/NA	Solid	8270E	1067577
460-336881-8	50D_5-10	Total/NA	Solid	8270E	1067577
460-336881-9	3A_0-7	Total/NA	Solid	8270E	1067577
460-336881-10	3A_7-14	Total/NA	Solid	8270E	1067577
460-336881-11	3B_0-7	Total/NA	Solid	8270E	1067577
MB 460-1067577/1-A	Method Blank	Total/NA	Solid	8270E	1067577
LCS 460-1067577/2-A	Lab Control Sample	Total/NA	Solid	8270E	1067577
LCSD 460-1067577/3-A	Lab Control Sample Dup	Total/NA	Solid	8270E	1067577
460-336454-A-1-D MS	Matrix Spike	Total/NA	Solid	8270E	1067577
460-336454-A-1-E MSD	Matrix Spike Duplicate	Total/NA	Solid	8270E	1067577

GC Semi VOA

Prep Batch: 1067684

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
460-336881-1	50A_0-5	Total/NA	Solid	3546	
460-336881-2	50A_5-10	Total/NA	Solid	3546	
460-336881-3	50B_0-4	Total/NA	Solid	3546	
460-336881-4	50B_4-8	Total/NA	Solid	3546	
460-336881-5	50C_0-4	Total/NA	Solid	3546	
460-336881-6	50C_4-8	Total/NA	Solid	3546	
460-336881-7	50D_0-5	Total/NA	Solid	3546	
460-336881-8	50D_5-10	Total/NA	Solid	3546	
460-336881-9	3A_0-7	Total/NA	Solid	3546	
460-336881-10	3A_7-14	Total/NA	Solid	3546	
460-336881-11	3B_0-7	Total/NA	Solid	3546	
460-336881-12	3B_7-14	Total/NA	Solid	3546	
460-336881-13	3F_0-7	Total/NA	Solid	3546	
460-336881-14	3F_7-14	Total/NA	Solid	3546	
460-336881-15	3G_0-7	Total/NA	Solid	3546	
460-336881-16	3G_7-14	Total/NA	Solid	3546	
MB 460-1067684/1-A	Method Blank	Total/NA	Solid	3546	
LCS 460-1067684/2-A	Lab Control Sample	Total/NA	Solid	3546	
LCSD 460-1067684/3-A	Lab Control Sample Dup	Total/NA	Solid	3546	
460-336881-1 MS	50A_0-5	Total/NA	Solid	3546	
460-336881-1 MSD	50A_0-5	Total/NA	Solid	3546	

Prep Batch: 1067685

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
460-336881-1	50A_0-5	Total/NA	Solid	3546	
460-336881-2	50A_5-10	Total/NA	Solid	3546	
460-336881-3	50B_0-4	Total/NA	Solid	3546	
460-336881-4	50B_4-8	Total/NA	Solid	3546	
460-336881-5	50C_0-4	Total/NA	Solid	3546	
460-336881-6	50C_4-8	Total/NA	Solid	3546	

GC Semi VOA (Continued)

Prep Batch: 1067685 (Continued)

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
460-336881-7	50D_0-5	Total/NA	Solid	3546	
460-336881-8	50D_5-10	Total/NA	Solid	3546	
460-336881-9	3A_0-7	Total/NA	Solid	3546	
460-336881-10	3A_7-14	Total/NA	Solid	3546	
460-336881-11	3B_0-7	Total/NA	Solid	3546	
460-336881-12	3B_7-14	Total/NA	Solid	3546	
460-336881-13	3F_0-7	Total/NA	Solid	3546	
460-336881-14	3F_7-14	Total/NA	Solid	3546	
460-336881-15	3G_0-7	Total/NA	Solid	3546	
460-336881-16	3G_7-14	Total/NA	Solid	3546	
MB 460-1067685/1-A	Method Blank	Total/NA	Solid	3546	
LCS 460-1067685/2-A	Lab Control Sample	Total/NA	Solid	3546	
LCSD 460-1067685/3-A	Lab Control Sample Dup	Total/NA	Solid	3546	
460-336881-1 MS	50A_0-5	Total/NA	Solid	3546	
460-336881-1 MSD	50A_0-5	Total/NA	Solid	3546	

Analysis Batch: 1067743

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
460-336881-1	50A_0-5	Total/NA	Solid	8081B	1067685
460-336881-2	50A_5-10	Total/NA	Solid	8081B	1067685
460-336881-3	50B_0-4	Total/NA	Solid	8081B	1067685
460-336881-4	50B_4-8	Total/NA	Solid	8081B	1067685
460-336881-5	50C_0-4	Total/NA	Solid	8081B	1067685
460-336881-6	50C_4-8	Total/NA	Solid	8081B	1067685
460-336881-7	50D_0-5	Total/NA	Solid	8081B	1067685
460-336881-8	50D_5-10	Total/NA	Solid	8081B	1067685
460-336881-9	3A_0-7	Total/NA	Solid	8081B	1067685
460-336881-10	3A_7-14	Total/NA	Solid	8081B	1067685
460-336881-11	3B_0-7	Total/NA	Solid	8081B	1067685
MB 460-1067685/1-A	Method Blank	Total/NA	Solid	8081B	1067685
LCS 460-1067685/2-A	Lab Control Sample	Total/NA	Solid	8081B	1067685
LCSD 460-1067685/3-A	Lab Control Sample Dup	Total/NA	Solid	8081B	1067685
460-336881-1 MS	50A_0-5	Total/NA	Solid	8081B	1067685
460-336881-1 MSD	50A_0-5	Total/NA	Solid	8081B	1067685

Analysis Batch: 1067851

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
460-336881-12	3B_7-14	Total/NA	Solid	8081B	1067685
460-336881-13	3F_0-7	Total/NA	Solid	8081B	1067685
460-336881-14	3F_7-14	Total/NA	Solid	8081B	1067685
460-336881-15	3G_0-7	Total/NA	Solid	8081B	1067685
460-336881-16	3G_7-14	Total/NA	Solid	8081B	1067685

Analysis Batch: 1068035

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
460-336881-1	50A_0-5	Total/NA	Solid	8082A	1067684
460-336881-2	50A_5-10	Total/NA	Solid	8082A	1067684
460-336881-3	50B_0-4	Total/NA	Solid	8082A	1067684
460-336881-4	50B_4-8	Total/NA	Solid	8082A	1067684
460-336881-5	50C_0-4	Total/NA	Solid	8082A	1067684
460-336881-6	50C_4-8	Total/NA	Solid	8082A	1067684

GC Semi VOA (Continued)

Analysis Batch: 1068035 (Continued)

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
460-336881-7	50D_0-5	Total/NA	Solid	8082A	1067684
460-336881-8	50D_5-10	Total/NA	Solid	8082A	1067684
460-336881-9	3A_0-7	Total/NA	Solid	8082A	1067684
460-336881-10	3A_7-14	Total/NA	Solid	8082A	1067684
460-336881-11	3B_0-7	Total/NA	Solid	8082A	1067684
460-336881-12	3B_7-14	Total/NA	Solid	8082A	1067684
460-336881-13	3F_0-7	Total/NA	Solid	8082A	1067684
460-336881-14	3F_7-14	Total/NA	Solid	8082A	1067684
460-336881-15	3G_0-7	Total/NA	Solid	8082A	1067684
460-336881-16	3G_7-14	Total/NA	Solid	8082A	1067684
MB 460-1067684/1-A	Method Blank	Total/NA	Solid	8082A	1067684
LCS 460-1067684/2-A	Lab Control Sample	Total/NA	Solid	8082A	1067684
LCSD 460-1067684/3-A	Lab Control Sample Dup	Total/NA	Solid	8082A	1067684
460-336881-1 MS	50A_0-5	Total/NA	Solid	8082A	1067684
460-336881-1 MSD	50A_0-5	Total/NA	Solid	8082A	1067684

LCMS

Prep Batch: 714528

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
460-336881-1	50A_0-5	Total/NA	Solid	1633A Shake	
460-336881-2	50A_5-10	Total/NA	Solid	1633A Shake	
460-336881-3	50B_0-4	Total/NA	Solid	1633A Shake	
460-336881-4	50B_4-8	Total/NA	Solid	1633A Shake	
460-336881-5	50C_0-4	Total/NA	Solid	1633A Shake	
460-336881-6	50C_4-8	Total/NA	Solid	1633A Shake	
460-336881-7	50D_0-5	Total/NA	Solid	1633A Shake	
460-336881-8	50D_5-10	Total/NA	Solid	1633A Shake	
460-336881-9	3A_0-7	Total/NA	Solid	1633A Shake	
460-336881-10	3A_7-14	Total/NA	Solid	1633A Shake	
460-336881-11	3B_0-7	Total/NA	Solid	1633A Shake	
460-336881-12	3B_7-14	Total/NA	Solid	1633A Shake	
460-336881-13	3F_0-7	Total/NA	Solid	1633A Shake	
460-336881-14	3F_7-14	Total/NA	Solid	1633A Shake	
460-336881-15	3G_0-7	Total/NA	Solid	1633A Shake	
460-336881-16	3G_7-14	Total/NA	Solid	1633A Shake	
MB 410-714528/1-A	Method Blank	Total/NA	Solid	1633A Shake	
LCS 410-714528/2-A	Lab Control Sample	Total/NA	Solid	1633A Shake	
LLCS 410-714528/3-A	Lab Control Sample	Total/NA	Solid	1633A Shake	
460-336881-1 MS	50A_0-5	Total/NA	Solid	1633A Shake	
460-336881-1 MSD	50A_0-5	Total/NA	Solid	1633A Shake	

Analysis Batch: 714967

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
460-336881-1	50A_0-5	Total/NA	Solid	1633A	714528
460-336881-2	50A_5-10	Total/NA	Solid	1633A	714528
460-336881-3	50B_0-4	Total/NA	Solid	1633A	714528
460-336881-4	50B_4-8	Total/NA	Solid	1633A	714528
460-336881-5	50C_0-4	Total/NA	Solid	1633A	714528
460-336881-6	50C_4-8	Total/NA	Solid	1633A	714528
460-336881-7	50D_0-5	Total/NA	Solid	1633A	714528

LCMS (Continued)

Analysis Batch: 714967 (Continued)

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
460-336881-8	50D_5-10	Total/NA	Solid	1633A	714528
460-336881-9	3A_0-7	Total/NA	Solid	1633A	714528
460-336881-10	3A_7-14	Total/NA	Solid	1633A	714528
460-336881-11	3B_0-7	Total/NA	Solid	1633A	714528
460-336881-12	3B_7-14	Total/NA	Solid	1633A	714528
460-336881-13	3F_0-7	Total/NA	Solid	1633A	714528
460-336881-14	3F_7-14	Total/NA	Solid	1633A	714528
460-336881-15	3G_0-7	Total/NA	Solid	1633A	714528
460-336881-16	3G_7-14	Total/NA	Solid	1633A	714528
MB 410-714528/1-A	Method Blank	Total/NA	Solid	1633A	714528
LCS 410-714528/2-A	Lab Control Sample	Total/NA	Solid	1633A	714528
LLCS 410-714528/3-A	Lab Control Sample	Total/NA	Solid	1633A	714528
460-336881-1 MS	50A_0-5	Total/NA	Solid	1633A	714528
460-336881-1 MSD	50A_0-5	Total/NA	Solid	1633A	714528

Metals

Prep Batch: 1068890

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
460-336881-1	50A_0-5	Total/NA	Solid	3050B	
460-336881-2	50A_5-10	Total/NA	Solid	3050B	
460-336881-3	50B_0-4	Total/NA	Solid	3050B	
460-336881-4	50B_4-8	Total/NA	Solid	3050B	
460-336881-5	50C_0-4	Total/NA	Solid	3050B	
460-336881-6	50C_4-8	Total/NA	Solid	3050B	
460-336881-7	50D_0-5	Total/NA	Solid	3050B	
460-336881-8	50D_5-10	Total/NA	Solid	3050B	
460-336881-9	3A_0-7	Total/NA	Solid	3050B	
MB 460-1068890/1-A	Method Blank	Total/NA	Solid	3050B	
LCSSRM 460-1068890/2-A	Lab Control Sample	Total/NA	Solid	3050B	
460-336854-E-4-U MS	Matrix Spike	Total/NA	Solid	3050B	
460-336854-E-4-V MSD	Matrix Spike Duplicate	Total/NA	Solid	3050B	
460-336854-A-4-D DU	Duplicate	Total/NA	Solid	3050B	

Prep Batch: 1068891

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
460-336881-10	3A_7-14	Total/NA	Solid	3050B	
460-336881-11	3B_0-7	Total/NA	Solid	3050B	
460-336881-12	3B_7-14	Total/NA	Solid	3050B	
460-336881-13	3F_0-7	Total/NA	Solid	3050B	
460-336881-15	3G_0-7	Total/NA	Solid	3050B	
460-336881-16	3G_7-14	Total/NA	Solid	3050B	
MB 460-1068891/1-A	Method Blank	Total/NA	Solid	3050B	
LCSSRM 460-1068891/2-A	Lab Control Sample	Total/NA	Solid	3050B	
460-336882-A-1-F MS	Matrix Spike	Total/NA	Solid	3050B	
460-336882-A-1-E DU	Duplicate	Total/NA	Solid	3050B	

Prep Batch: 1069029

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
460-336881-14	3F_7-14	Total/NA	Solid	3050B	
MB 460-1069029/1-A	Method Blank	Total/NA	Solid	3050B	

Metals (Continued)

Prep Batch: 1069029 (Continued)

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
LCSSRM 460-1069029/2-A	Lab Control Sample	Total/NA	Solid	3050B	
460-336780-B-8-I MS	Matrix Spike	Total/NA	Solid	3050B	
460-336780-B-8-J MSD	Matrix Spike Duplicate	Total/NA	Solid	3050B	
460-336780-B-8-H DU	Duplicate	Total/NA	Solid	3050B	

Analysis Batch: 1069082

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
460-336881-1	50A_0-5	Total/NA	Solid	6020B	1068890
460-336881-2	50A_5-10	Total/NA	Solid	6020B	1068890
460-336881-3	50B_0-4	Total/NA	Solid	6020B	1068890
460-336881-4	50B_4-8	Total/NA	Solid	6020B	1068890
460-336881-5	50C_0-4	Total/NA	Solid	6020B	1068890
460-336881-6	50C_4-8	Total/NA	Solid	6020B	1068890
460-336881-7	50D_0-5	Total/NA	Solid	6020B	1068890
460-336881-8	50D_5-10	Total/NA	Solid	6020B	1068890
460-336881-9	3A_0-7	Total/NA	Solid	6020B	1068890
460-336881-10	3A_7-14	Total/NA	Solid	6020B	1068891
460-336881-11	3B_0-7	Total/NA	Solid	6020B	1068891
460-336881-12	3B_7-14	Total/NA	Solid	6020B	1068891
460-336881-13	3F_0-7	Total/NA	Solid	6020B	1068891
460-336881-15	3G_0-7	Total/NA	Solid	6020B	1068891
460-336881-16	3G_7-14	Total/NA	Solid	6020B	1068891
MB 460-1068890/1-A	Method Blank	Total/NA	Solid	6020B	1068890
MB 460-1068891/1-A	Method Blank	Total/NA	Solid	6020B	1068891
LCSSRM 460-1068890/2-A	Lab Control Sample	Total/NA	Solid	6020B	1068890
LCSSRM 460-1068891/2-A	Lab Control Sample	Total/NA	Solid	6020B	1068891
460-336854-E-4-U MS	Matrix Spike	Total/NA	Solid	6020B	1068890
460-336854-E-4-V MSD	Matrix Spike Duplicate	Total/NA	Solid	6020B	1068890
460-336882-A-1-F MS	Matrix Spike	Total/NA	Solid	6020B	1068891
460-336854-A-4-D DU	Duplicate	Total/NA	Solid	6020B	1068890
460-336882-A-1-E DU	Duplicate	Total/NA	Solid	6020B	1068891

Analysis Batch: 1069107

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
460-336881-14	3F_7-14	Total/NA	Solid	6020B	1069029
MB 460-1069029/1-A	Method Blank	Total/NA	Solid	6020B	1069029
LCSSRM 460-1069029/2-A	Lab Control Sample	Total/NA	Solid	6020B	1069029
460-336780-B-8-I MS	Matrix Spike	Total/NA	Solid	6020B	1069029
460-336780-B-8-J MSD	Matrix Spike Duplicate	Total/NA	Solid	6020B	1069029
460-336780-B-8-H DU	Duplicate	Total/NA	Solid	6020B	1069029

Prep Batch: 1069401

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
460-336881-1	50A_0-5	Total/NA	Solid	7471B	
460-336881-2	50A_5-10	Total/NA	Solid	7471B	
460-336881-3	50B_0-4	Total/NA	Solid	7471B	
460-336881-4	50B_4-8	Total/NA	Solid	7471B	
460-336881-5	50C_0-4	Total/NA	Solid	7471B	
460-336881-6	50C_4-8	Total/NA	Solid	7471B	
460-336881-7	50D_0-5	Total/NA	Solid	7471B	
460-336881-8	50D_5-10	Total/NA	Solid	7471B	

Metals (Continued)

Prep Batch: 1069401 (Continued)

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
460-336881-9	3A_0-7	Total/NA	Solid	7471B	
460-336881-10	3A_7-14	Total/NA	Solid	7471B	
460-336881-11	3B_0-7	Total/NA	Solid	7471B	
460-336881-12	3B_7-14	Total/NA	Solid	7471B	
460-336881-13	3F_0-7	Total/NA	Solid	7471B	
460-336881-14	3F_7-14	Total/NA	Solid	7471B	
MB 460-1069401/1-A	Method Blank	Total/NA	Solid	7471B	
LCSSRM 460-1069401/2-A	Lab Control Sample	Total/NA	Solid	7471B	
460-336667-B-2-N MS	Matrix Spike	Total/NA	Solid	7471B	
460-336667-B-2-O MSD	Matrix Spike Duplicate	Total/NA	Solid	7471B	
460-336667-B-2-M DU	Duplicate	Total/NA	Solid	7471B	

Prep Batch: 1069402

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
460-336881-15	3G_0-7	Total/NA	Solid	7471B	
460-336881-16	3G_7-14	Total/NA	Solid	7471B	
MB 460-1069402/1-A	Method Blank	Total/NA	Solid	7471B	
LCSSRM 460-1069402/2-A	Lab Control Sample	Total/NA	Solid	7471B	
460-336854-E-4-X MS	Matrix Spike	Total/NA	Solid	7471B	
460-336854-E-4-Y MSD	Matrix Spike Duplicate	Total/NA	Solid	7471B	
460-336854-A-4-E DU	Duplicate	Total/NA	Solid	7471B	

Analysis Batch: 1069496

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
460-336881-1	50A_0-5	Total/NA	Solid	7471B	1069401
460-336881-2	50A_5-10	Total/NA	Solid	7471B	1069401
460-336881-3	50B_0-4	Total/NA	Solid	7471B	1069401
460-336881-4	50B_4-8	Total/NA	Solid	7471B	1069401
460-336881-5	50C_0-4	Total/NA	Solid	7471B	1069401
460-336881-6	50C_4-8	Total/NA	Solid	7471B	1069401
460-336881-7	50D_0-5	Total/NA	Solid	7471B	1069401
460-336881-8	50D_5-10	Total/NA	Solid	7471B	1069401
460-336881-9	3A_0-7	Total/NA	Solid	7471B	1069401
460-336881-10	3A_7-14	Total/NA	Solid	7471B	1069401
460-336881-11	3B_0-7	Total/NA	Solid	7471B	1069401
460-336881-12	3B_7-14	Total/NA	Solid	7471B	1069401
460-336881-13	3F_0-7	Total/NA	Solid	7471B	1069401
460-336881-14	3F_7-14	Total/NA	Solid	7471B	1069401
MB 460-1069401/1-A	Method Blank	Total/NA	Solid	7471B	1069401
LCSSRM 460-1069401/2-A	Lab Control Sample	Total/NA	Solid	7471B	1069401
460-336667-B-2-N MS	Matrix Spike	Total/NA	Solid	7471B	1069401
460-336667-B-2-O MSD	Matrix Spike Duplicate	Total/NA	Solid	7471B	1069401
460-336667-B-2-M DU	Duplicate	Total/NA	Solid	7471B	1069401

Analysis Batch: 1069497

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
460-336881-15	3G_0-7	Total/NA	Solid	7471B	1069402
460-336881-16	3G_7-14	Total/NA	Solid	7471B	1069402
MB 460-1069402/1-A	Method Blank	Total/NA	Solid	7471B	1069402
LCSSRM 460-1069402/2-A	Lab Control Sample	Total/NA	Solid	7471B	1069402

Metals

Analysis Batch: 1069503

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
460-336854-E-4-X MS	Matrix Spike	Total/NA	Solid	7471B	1069402
460-336854-E-4-Y MSD	Matrix Spike Duplicate	Total/NA	Solid	7471B	1069402
460-336854-A-4-E DU	Duplicate	Total/NA	Solid	7471B	1069402

Analysis Batch: 1069547

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
460-336881-14	3F_7-14	Total/NA	Solid	6020B	1069029
MB 460-1069029/1-A	Method Blank	Total/NA	Solid	6020B	1069029

General Chemistry

Analysis Batch: 1067784

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
460-336881-1	50A_0-5	Total/NA	Solid	Moisture	
460-336881-2	50A_5-10	Total/NA	Solid	Moisture	
460-336881-3	50B_0-4	Total/NA	Solid	Moisture	
460-336638-A-24 DU	Duplicate	Total/NA	Solid	Moisture	

Analysis Batch: 1067785

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
460-336881-4	50B_4-8	Total/NA	Solid	Moisture	
460-336881-5	50C_0-4	Total/NA	Solid	Moisture	
460-336881-6	50C_4-8	Total/NA	Solid	Moisture	
460-336881-7	50D_0-5	Total/NA	Solid	Moisture	
460-336881-8	50D_5-10	Total/NA	Solid	Moisture	
460-336881-9	3A_0-7	Total/NA	Solid	Moisture	
460-336881-10	3A_7-14	Total/NA	Solid	Moisture	
460-336881-11	3B_0-7	Total/NA	Solid	Moisture	
460-336881-12	3B_7-14	Total/NA	Solid	Moisture	
460-336881-13	3F_0-7	Total/NA	Solid	Moisture	
460-336881-14	3F_7-14	Total/NA	Solid	Moisture	
460-336881-15	3G_0-7	Total/NA	Solid	Moisture	
460-336881-16	3G_7-14	Total/NA	Solid	Moisture	
460-336881-4 DU	50B_4-8	Total/NA	Solid	Moisture	

Analysis Batch: 1067833

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
460-336881-17	3A1_2-3	Total/NA	Solid	Moisture	
460-336881-18	3A2_1-2	Total/NA	Solid	Moisture	
460-336881-19	3A3_6-7	Total/NA	Solid	Moisture	
460-336763-D-5 DU	Duplicate	Total/NA	Solid	Moisture	

Analysis Batch: 1067834

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
460-336881-20	3A1_8-9	Total/NA	Solid	Moisture	
460-336881-21	3A2_10-11	Total/NA	Solid	Moisture	
460-336881-22	3A3_12-13	Total/NA	Solid	Moisture	
460-336881-23	3A2_4-5	Total/NA	Solid	Moisture	
460-336881-24	3F1_3-4	Total/NA	Solid	Moisture	
460-336881-25	3F2_1-2	Total/NA	Solid	Moisture	
460-336881-26	3F3_6-7	Total/NA	Solid	Moisture	

General Chemistry (Continued)

Analysis Batch: 1067834 (Continued)

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
460-336881-27	3F1_5-6	Total/NA	Solid	Moisture	
460-336881-28	3F2_11-12	Total/NA	Solid	Moisture	
460-336881-29	3F3_7-8	Total/NA	Solid	Moisture	
460-336881-30	3F2_12-13	Total/NA	Solid	Moisture	
460-336881-31	3E1_2-3	Total/NA	Solid	Moisture	
460-336881-32	3E2_4-5	Total/NA	Solid	Moisture	
460-336881-33	3E3_6-7	Total/NA	Solid	Moisture	
460-336881-34	3E1_8-9	Total/NA	Solid	Moisture	
460-336881-35	3E2_7-8	Total/NA	Solid	Moisture	
460-336881-36	3E3_11-12	Total/NA	Solid	Moisture	
460-336881-37	3E3_13-14	Total/NA	Solid	Moisture	
460-336881-38	3G1_1-2	Total/NA	Solid	Moisture	
460-336881-39	3G2_4-5	Total/NA	Solid	Moisture	
460-336881-40	3G3_3-4	Total/NA	Solid	Moisture	
460-336881-41	3G1_7-8	Total/NA	Solid	Moisture	
460-336881-42	3G2_10-11	Total/NA	Solid	Moisture	
460-336881-43	3G3_9-10	Total/NA	Solid	Moisture	
460-336881-44	3G1_13-14	Total/NA	Solid	Moisture	
460-336881-45	50A1_1-2	Total/NA	Solid	Moisture	
460-336881-46	50A2_2-3	Total/NA	Solid	Moisture	
460-336881-47	50A3_3-4	Total/NA	Solid	Moisture	
460-336881-48	50A4_5-6	Total/NA	Solid	Moisture	
460-336881-49	50A1_8-9	Total/NA	Solid	Moisture	
460-336881-50	50A2_7-8	Total/NA	Solid	Moisture	
460-336881-51	50A4_9-10	Total/NA	Solid	Moisture	
460-336881-52	50B1_1-2	Total/NA	Solid	Moisture	
460-336881-53	50B2_3-4	Total/NA	Solid	Moisture	
460-336881-54	50B3_2-3	Total/NA	Solid	Moisture	
460-336881-55	50B1_4-5	Total/NA	Solid	Moisture	
460-336881-56	50B2_5-6	Total/NA	Solid	Moisture	
460-336881-57	50B1_6-7	Total/NA	Solid	Moisture	
460-336881-58	50B3_7-8	Total/NA	Solid	Moisture	
460-336881-59	50C1_1-2	Total/NA	Solid	Moisture	
460-336881-60	50C2_2-3	Total/NA	Solid	Moisture	
460-336881-61	50C3_4-5	Total/NA	Solid	Moisture	
460-336881-62	50C1_5-6	Total/NA	Solid	Moisture	
460-336881-63	50C2_7-8	Total/NA	Solid	Moisture	
460-336881-64	50C3_5-6	Total/NA	Solid	Moisture	
460-336881-65	50C2_6-7	Total/NA	Solid	Moisture	
460-336881-66	50D1_3-4	Total/NA	Solid	Moisture	
460-336881-67	50D2_1-2	Total/NA	Solid	Moisture	
460-336881-68	50D3_4-5	Total/NA	Solid	Moisture	
460-336881-69	50D1_5-6	Total/NA	Solid	Moisture	
460-336881-70	50D4_6-7	Total/NA	Solid	Moisture	
460-336881-71	50D3_9-10	Total/NA	Solid	Moisture	
460-336881-72	50D2_8-9	Total/NA	Solid	Moisture	
460-336175-A-53 MS	Matrix Spike	Total/NA	Solid	Moisture	
460-336175-A-53 MSD	Matrix Spike Duplicate	Total/NA	Solid	Moisture	
460-336881-20 DU	3A1_8-9	Total/NA	Solid	Moisture	
460-336881-40 DU	3G3_3-4	Total/NA	Solid	Moisture	
460-336881-60 DU	50C2_2-3	Total/NA	Solid	Moisture	

Lab Chronicle

Client: Haley & Aldrich, Inc.
Project/Site: Former Port Mobil

Job ID: 460-336881-1

Client Sample ID: 50A_0-5
Date Collected: 10/09/25 10:25
Date Received: 10/09/25 16:58

Lab Sample ID: 460-336881-1
Matrix: Solid

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Analysis	Moisture		1	1067784	CJC	EET EDI	10/12/25 10:52

Client Sample ID: 50A_0-5
Date Collected: 10/09/25 10:25
Date Received: 10/09/25 16:58

Lab Sample ID: 460-336881-1
Matrix: Solid
Percent Solids: 96.7

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Prep	3546			1067577	AXB	EET EDI	10/11/25 07:01
Total/NA	Analysis	8270E		1	1067635	YAH	EET EDI	10/11/25 17:44
Total/NA	Prep	3546			1067685	ZXB	EET EDI	10/11/25 17:27
Total/NA	Analysis	8081B		1	1067743	FAM	EET EDI	10/12/25 12:04
Total/NA	Prep	3546			1067684	ZXB	EET EDI	10/11/25 17:23
Total/NA	Analysis	8082A		1	1068035	AAA	EET EDI	10/14/25 07:41
Total/NA	Prep	1633A Shake			714528	URGB	ELLE	10/15/25 16:06
Total/NA	Analysis	1633A		1	714967	P7EB	ELLE	10/17/25 04:36
Total/NA	Prep	3050B			1068890	GAE	EET EDI	10/16/25 19:30
Total/NA	Analysis	6020B		1	1069082	CDC	EET EDI	10/17/25 15:42
Total/NA	Prep	7471B			1069401	TJS	EET EDI	10/20/25 01:55
Total/NA	Analysis	7471B		1	1069496	TJS	EET EDI	10/20/25 08:35

Client Sample ID: 50A_5-10
Date Collected: 10/09/25 10:30
Date Received: 10/09/25 16:58

Lab Sample ID: 460-336881-2
Matrix: Solid

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Analysis	Moisture		1	1067784	CJC	EET EDI	10/12/25 10:52

Client Sample ID: 50A_5-10
Date Collected: 10/09/25 10:30
Date Received: 10/09/25 16:58

Lab Sample ID: 460-336881-2
Matrix: Solid
Percent Solids: 93.8

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Prep	3546			1067577	AXB	EET EDI	10/11/25 07:01
Total/NA	Analysis	8270E		1	1067635	YAH	EET EDI	10/11/25 18:01
Total/NA	Prep	3546			1067685	ZXB	EET EDI	10/11/25 17:27
Total/NA	Analysis	8081B		1	1067743	FAM	EET EDI	10/12/25 12:16
Total/NA	Prep	3546			1067684	ZXB	EET EDI	10/11/25 17:23
Total/NA	Analysis	8082A		1	1068035	AAA	EET EDI	10/14/25 07:58
Total/NA	Prep	1633A Shake			714528	URGB	ELLE	10/15/25 16:06
Total/NA	Analysis	1633A		1	714967	P7EB	ELLE	10/17/25 05:17
Total/NA	Prep	3050B			1068890	GAE	EET EDI	10/16/25 19:30
Total/NA	Analysis	6020B		1	1069082	CDC	EET EDI	10/17/25 15:45
Total/NA	Prep	7471B			1069401	TJS	EET EDI	10/20/25 01:55
Total/NA	Analysis	7471B		1	1069496	TJS	EET EDI	10/20/25 08:38

Lab Chronicle

Client: Haley & Aldrich, Inc.
Project/Site: Former Port Mobil

Job ID: 460-336881-1

Client Sample ID: 50B_0-4
Date Collected: 10/09/25 10:35
Date Received: 10/09/25 16:58

Lab Sample ID: 460-336881-3
Matrix: Solid

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Analysis	Moisture		1	1067784	CJC	EET EDI	10/12/25 10:52

Client Sample ID: 50B_0-4
Date Collected: 10/09/25 10:35
Date Received: 10/09/25 16:58

Lab Sample ID: 460-336881-3
Matrix: Solid
Percent Solids: 93.6

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Prep	3546			1067577	AXB	EET EDI	10/11/25 07:01
Total/NA	Analysis	8270E		1	1067635	YAH	EET EDI	10/11/25 18:19
Total/NA	Prep	3546			1067685	ZXB	EET EDI	10/11/25 17:27
Total/NA	Analysis	8081B		1	1067743	FAM	EET EDI	10/12/25 12:28
Total/NA	Prep	3546			1067684	ZXB	EET EDI	10/11/25 17:23
Total/NA	Analysis	8082A		1	1068035	AAA	EET EDI	10/14/25 08:15
Total/NA	Prep	1633A Shake			714528	URGB	ELLE	10/15/25 16:06
Total/NA	Analysis	1633A		1	714967	P7EB	ELLE	10/17/25 05:31
Total/NA	Prep	3050B			1068890	GAE	EET EDI	10/16/25 19:30
Total/NA	Analysis	6020B		1	1069082	CDC	EET EDI	10/17/25 15:55
Total/NA	Prep	7471B			1069401	TJS	EET EDI	10/20/25 01:55
Total/NA	Analysis	7471B		1	1069496	TJS	EET EDI	10/20/25 08:46

Client Sample ID: 50B_4-8
Date Collected: 10/09/25 10:40
Date Received: 10/09/25 16:58

Lab Sample ID: 460-336881-4
Matrix: Solid

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Analysis	Moisture		1	1067785	CJC	EET EDI	10/12/25 10:53

Client Sample ID: 50B_4-8
Date Collected: 10/09/25 10:40
Date Received: 10/09/25 16:58

Lab Sample ID: 460-336881-4
Matrix: Solid
Percent Solids: 92.9

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Prep	3546			1067577	AXB	EET EDI	10/11/25 07:01
Total/NA	Analysis	8270E		1	1067635	YAH	EET EDI	10/11/25 18:36
Total/NA	Prep	3546			1067685	ZXB	EET EDI	10/11/25 17:27
Total/NA	Analysis	8081B		1	1067743	FAM	EET EDI	10/12/25 12:41
Total/NA	Prep	3546			1067684	ZXB	EET EDI	10/11/25 17:23
Total/NA	Analysis	8082A		1	1068035	AAA	EET EDI	10/14/25 08:33
Total/NA	Prep	1633A Shake			714528	URGB	ELLE	10/15/25 16:06
Total/NA	Analysis	1633A		1	714967	P7EB	ELLE	10/17/25 05:44
Total/NA	Prep	3050B			1068890	GAE	EET EDI	10/16/25 19:30
Total/NA	Analysis	6020B		1	1069082	CDC	EET EDI	10/17/25 15:58
Total/NA	Prep	7471B			1069401	TJS	EET EDI	10/20/25 01:55
Total/NA	Analysis	7471B		1	1069496	TJS	EET EDI	10/20/25 08:49

Lab Chronicle

Client: Haley & Aldrich, Inc.
Project/Site: Former Port Mobil

Job ID: 460-336881-1

Client Sample ID: 50C_0-4
Date Collected: 10/09/25 10:45
Date Received: 10/09/25 16:58

Lab Sample ID: 460-336881-5
Matrix: Solid

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Analysis	Moisture		1	1067785	CJC	EET EDI	10/12/25 10:53

Client Sample ID: 50C_0-4
Date Collected: 10/09/25 10:45
Date Received: 10/09/25 16:58

Lab Sample ID: 460-336881-5
Matrix: Solid
Percent Solids: 95.9

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Prep	3546			1067577	AXB	EET EDI	10/11/25 07:01
Total/NA	Analysis	8270E		1	1067635	YAH	EET EDI	10/11/25 18:54
Total/NA	Prep	3546			1067685	ZXB	EET EDI	10/11/25 17:27
Total/NA	Analysis	8081B		1	1067743	FAM	EET EDI	10/12/25 12:53
Total/NA	Prep	3546			1067684	ZXB	EET EDI	10/11/25 17:23
Total/NA	Analysis	8082A		1	1068035	AAA	EET EDI	10/14/25 08:50
Total/NA	Prep	1633A Shake			714528	URGB	ELLE	10/15/25 16:06
Total/NA	Analysis	1633A		1	714967	P7EB	ELLE	10/17/25 05:58
Total/NA	Prep	3050B			1068890	GAE	EET EDI	10/16/25 19:30
Total/NA	Analysis	6020B		1	1069082	CDC	EET EDI	10/17/25 16:01
Total/NA	Prep	7471B			1069401	TJS	EET EDI	10/20/25 01:55
Total/NA	Analysis	7471B		1	1069496	TJS	EET EDI	10/20/25 08:52

Client Sample ID: 50C_4-8
Date Collected: 10/09/25 10:50
Date Received: 10/09/25 16:58

Lab Sample ID: 460-336881-6
Matrix: Solid

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Analysis	Moisture		1	1067785	CJC	EET EDI	10/12/25 10:53

Client Sample ID: 50C_4-8
Date Collected: 10/09/25 10:50
Date Received: 10/09/25 16:58

Lab Sample ID: 460-336881-6
Matrix: Solid
Percent Solids: 93.8

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Prep	3546			1067577	AXB	EET EDI	10/11/25 07:01
Total/NA	Analysis	8270E		1	1067635	YAH	EET EDI	10/11/25 19:11
Total/NA	Prep	3546			1067685	ZXB	EET EDI	10/11/25 17:27
Total/NA	Analysis	8081B		1	1067743	FAM	EET EDI	10/12/25 13:06
Total/NA	Prep	3546			1067684	ZXB	EET EDI	10/11/25 17:23
Total/NA	Analysis	8082A		1	1068035	AAA	EET EDI	10/14/25 09:07
Total/NA	Prep	1633A Shake			714528	URGB	ELLE	10/15/25 16:06
Total/NA	Analysis	1633A		1	714967	P7EB	ELLE	10/17/25 06:11
Total/NA	Prep	3050B			1068890	GAE	EET EDI	10/16/25 19:30
Total/NA	Analysis	6020B		1	1069082	CDC	EET EDI	10/17/25 16:03
Total/NA	Prep	7471B			1069401	TJS	EET EDI	10/20/25 01:55
Total/NA	Analysis	7471B		1	1069496	TJS	EET EDI	10/20/25 08:55

Client Sample ID: 50D_0-5
Date Collected: 10/09/25 10:55
Date Received: 10/09/25 16:58

Lab Sample ID: 460-336881-7
Matrix: Solid

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Analysis	Moisture		1	1067785	CJC	EET EDI	10/12/25 10:53

Client Sample ID: 50D_0-5
Date Collected: 10/09/25 10:55
Date Received: 10/09/25 16:58

Lab Sample ID: 460-336881-7
Matrix: Solid
Percent Solids: 92.4

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Prep	3546			1067577	AXB	EET EDI	10/11/25 07:01
Total/NA	Analysis	8270E		1	1067635	YAH	EET EDI	10/11/25 20:39
Total/NA	Prep	3546			1067685	ZXB	EET EDI	10/11/25 17:27
Total/NA	Analysis	8081B		1	1067743	FAM	EET EDI	10/12/25 13:18
Total/NA	Prep	3546			1067684	ZXB	EET EDI	10/11/25 17:23
Total/NA	Analysis	8082A		1	1068035	AAA	EET EDI	10/14/25 09:24
Total/NA	Prep	1633A Shake			714528	URGB	ELLE	10/15/25 16:06
Total/NA	Analysis	1633A		1	714967	P7EB	ELLE	10/17/25 06:25
Total/NA	Prep	3050B			1068890	GAE	EET EDI	10/16/25 19:30
Total/NA	Analysis	6020B		1	1069082	CDC	EET EDI	10/17/25 16:06
Total/NA	Prep	7471B			1069401	TJS	EET EDI	10/20/25 01:55
Total/NA	Analysis	7471B		1	1069496	TJS	EET EDI	10/20/25 08:58

Client Sample ID: 50D_5-10
Date Collected: 10/09/25 11:00
Date Received: 10/09/25 16:58

Lab Sample ID: 460-336881-8
Matrix: Solid

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Analysis	Moisture		1	1067785	CJC	EET EDI	10/12/25 10:53

Client Sample ID: 50D_5-10
Date Collected: 10/09/25 11:00
Date Received: 10/09/25 16:58

Lab Sample ID: 460-336881-8
Matrix: Solid
Percent Solids: 90.0

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Prep	3546			1067577	AXB	EET EDI	10/11/25 07:01
Total/NA	Analysis	8270E		1	1067635	YAH	EET EDI	10/11/25 19:46
Total/NA	Prep	3546			1067685	ZXB	EET EDI	10/11/25 17:27
Total/NA	Analysis	8081B		1	1067743	FAM	EET EDI	10/12/25 13:30
Total/NA	Prep	3546			1067684	ZXB	EET EDI	10/11/25 17:23
Total/NA	Analysis	8082A		1	1068035	AAA	EET EDI	10/14/25 09:42
Total/NA	Prep	1633A Shake			714528	URGB	ELLE	10/15/25 16:06
Total/NA	Analysis	1633A		1	714967	P7EB	ELLE	10/17/25 06:39
Total/NA	Prep	3050B			1068890	GAE	EET EDI	10/16/25 19:30
Total/NA	Analysis	6020B		1	1069082	CDC	EET EDI	10/17/25 16:09
Total/NA	Prep	7471B			1069401	TJS	EET EDI	10/20/25 01:55
Total/NA	Analysis	7471B		1	1069496	TJS	EET EDI	10/20/25 09:01

Client Sample ID: 3A_0-7
Date Collected: 10/09/25 13:20
Date Received: 10/09/25 16:58

Lab Sample ID: 460-336881-9
Matrix: Solid

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Analysis	Moisture		1	1067785	CJC	EET EDI	10/12/25 10:53

Client Sample ID: 3A_0-7
Date Collected: 10/09/25 13:20
Date Received: 10/09/25 16:58

Lab Sample ID: 460-336881-9
Matrix: Solid
Percent Solids: 95.1

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Prep	3546			1067577	AXB	EET EDI	10/11/25 07:01
Total/NA	Analysis	8270E		1	1067635	YAH	EET EDI	10/11/25 19:29
Total/NA	Prep	3546			1067685	ZXB	EET EDI	10/11/25 17:27
Total/NA	Analysis	8081B		1	1067743	FAM	EET EDI	10/12/25 13:42
Total/NA	Prep	3546			1067684	ZXB	EET EDI	10/11/25 17:23
Total/NA	Analysis	8082A		1	1068035	AAA	EET EDI	10/14/25 09:59
Total/NA	Prep	1633A Shake			714528	URGB	ELLE	10/15/25 16:06
Total/NA	Analysis	1633A		1	714967	P7EB	ELLE	10/17/25 06:52
Total/NA	Prep	3050B			1068890	GAE	EET EDI	10/16/25 19:30
Total/NA	Analysis	6020B		1	1069082	CDC	EET EDI	10/17/25 16:11
Total/NA	Prep	7471B			1069401	TJS	EET EDI	10/20/25 01:55
Total/NA	Analysis	7471B		1	1069496	TJS	EET EDI	10/20/25 09:04

Client Sample ID: 3A_7-14
Date Collected: 10/09/25 13:25
Date Received: 10/09/25 16:58

Lab Sample ID: 460-336881-10
Matrix: Solid

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Analysis	Moisture		1	1067785	CJC	EET EDI	10/12/25 10:53

Client Sample ID: 3A_7-14
Date Collected: 10/09/25 13:25
Date Received: 10/09/25 16:58

Lab Sample ID: 460-336881-10
Matrix: Solid
Percent Solids: 95.9

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Prep	3546			1067577	AXB	EET EDI	10/11/25 07:01
Total/NA	Analysis	8270E		1	1067635	YAH	EET EDI	10/11/25 20:21
Total/NA	Prep	3546			1067685	ZXB	EET EDI	10/11/25 17:27
Total/NA	Analysis	8081B		1	1067743	FAM	EET EDI	10/12/25 13:55
Total/NA	Prep	3546			1067684	ZXB	EET EDI	10/11/25 17:23
Total/NA	Analysis	8082A		1	1068035	AAA	EET EDI	10/14/25 10:16
Total/NA	Prep	1633A Shake			714528	URGB	ELLE	10/15/25 16:06
Total/NA	Analysis	1633A		1	714967	P7EB	ELLE	10/17/25 07:06
Total/NA	Prep	3050B			1068891	GAE	EET EDI	10/16/25 19:30
Total/NA	Analysis	6020B		1	1069082	CDC	EET EDI	10/17/25 11:38
Total/NA	Prep	7471B			1069401	TJS	EET EDI	10/20/25 01:55
Total/NA	Analysis	7471B		1	1069496	TJS	EET EDI	10/20/25 09:06

Client Sample ID: 3B_0-7
Date Collected: 10/09/25 13:30
Date Received: 10/09/25 16:58

Lab Sample ID: 460-336881-11
Matrix: Solid

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Analysis	Moisture		1	1067785	CJC	EET EDI	10/12/25 10:53

Client Sample ID: 3B_0-7
Date Collected: 10/09/25 13:30
Date Received: 10/09/25 16:58

Lab Sample ID: 460-336881-11
Matrix: Solid
Percent Solids: 94.8

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Prep	3546			1067577	AXB	EET EDI	10/11/25 07:01
Total/NA	Analysis	8270E		1	1067635	YAH	EET EDI	10/11/25 20:04
Total/NA	Prep	3546			1067685	ZXB	EET EDI	10/11/25 17:27
Total/NA	Analysis	8081B		1	1067743	FAM	EET EDI	10/12/25 14:07
Total/NA	Prep	3546			1067684	ZXB	EET EDI	10/11/25 17:23
Total/NA	Analysis	8082A		1	1068035	AAA	EET EDI	10/14/25 10:34
Total/NA	Prep	1633A Shake			714528	URGB	ELLE	10/15/25 16:06
Total/NA	Analysis	1633A		1	714967	P7EB	ELLE	10/17/25 07:46
Total/NA	Prep	3050B			1068891	GAE	EET EDI	10/16/25 19:30
Total/NA	Analysis	6020B		1	1069082	CDC	EET EDI	10/17/25 11:41
Total/NA	Prep	7471B			1069401	TJS	EET EDI	10/20/25 01:55
Total/NA	Analysis	7471B		1	1069496	TJS	EET EDI	10/20/25 09:09

Client Sample ID: 3B_7-14
Date Collected: 10/09/25 13:35
Date Received: 10/09/25 16:58

Lab Sample ID: 460-336881-12
Matrix: Solid

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Analysis	Moisture		1	1067785	CJC	EET EDI	10/12/25 10:53

Client Sample ID: 3B_7-14
Date Collected: 10/09/25 13:35
Date Received: 10/09/25 16:58

Lab Sample ID: 460-336881-12
Matrix: Solid
Percent Solids: 96.2

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Prep	3546			1067581	BJB	EET EDI	10/11/25 07:21
Total/NA	Analysis	8270E		1	1067621	YAH	EET EDI	10/11/25 14:10
Total/NA	Prep	3546			1067685	ZXB	EET EDI	10/11/25 17:27
Total/NA	Analysis	8081B		1	1067851	FAM	EET EDI	10/13/25 14:50
Total/NA	Prep	3546			1067684	ZXB	EET EDI	10/11/25 17:23
Total/NA	Analysis	8082A		1	1068035	AAA	EET EDI	10/14/25 10:51
Total/NA	Prep	1633A Shake			714528	URGB	ELLE	10/15/25 16:06
Total/NA	Analysis	1633A		1	714967	P7EB	ELLE	10/17/25 08:00
Total/NA	Prep	3050B			1068891	GAE	EET EDI	10/16/25 19:30
Total/NA	Analysis	6020B		1	1069082	CDC	EET EDI	10/17/25 11:44
Total/NA	Prep	7471B			1069401	TJS	EET EDI	10/20/25 01:55
Total/NA	Analysis	7471B		1	1069496	TJS	EET EDI	10/20/25 09:12

Lab Chronicle

Client: Haley & Aldrich, Inc.
Project/Site: Former Port Mobil

Job ID: 460-336881-1

Client Sample ID: 3F_0-7
Date Collected: 10/09/25 13:40
Date Received: 10/09/25 16:58

Lab Sample ID: 460-336881-13
Matrix: Solid

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Analysis	Moisture		1	1067785	CJC	EET EDI	10/12/25 10:53

Client Sample ID: 3F_0-7
Date Collected: 10/09/25 13:40
Date Received: 10/09/25 16:58

Lab Sample ID: 460-336881-13
Matrix: Solid
Percent Solids: 94.4

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Prep	3546			1067581	BJB	EET EDI	10/11/25 07:21
Total/NA	Analysis	8270E		1	1067621	YAH	EET EDI	10/11/25 15:16
Total/NA	Prep	3546			1067685	ZXB	EET EDI	10/11/25 17:27
Total/NA	Analysis	8081B		1	1067851	FAM	EET EDI	10/13/25 15:06
Total/NA	Prep	3546			1067684	ZXB	EET EDI	10/11/25 17:23
Total/NA	Analysis	8082A		1	1068035	AAA	EET EDI	10/14/25 11:08
Total/NA	Prep	1633A Shake			714528	URGB	ELLE	10/15/25 16:06
Total/NA	Analysis	1633A		1	714967	P7EB	ELLE	10/17/25 08:14
Total/NA	Prep	3050B			1068891	GAE	EET EDI	10/16/25 19:30
Total/NA	Analysis	6020B		1	1069082	CDC	EET EDI	10/17/25 11:52
Total/NA	Prep	7471B			1069401	TJS	EET EDI	10/20/25 01:55
Total/NA	Analysis	7471B		1	1069496	TJS	EET EDI	10/20/25 09:21

Client Sample ID: 3F_7-14
Date Collected: 10/09/25 13:45
Date Received: 10/09/25 16:58

Lab Sample ID: 460-336881-14
Matrix: Solid

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Analysis	Moisture		1	1067785	CJC	EET EDI	10/12/25 10:53

Client Sample ID: 3F_7-14
Date Collected: 10/09/25 13:45
Date Received: 10/09/25 16:58

Lab Sample ID: 460-336881-14
Matrix: Solid
Percent Solids: 92.2

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Prep	3546			1067581	BJB	EET EDI	10/11/25 07:21
Total/NA	Analysis	8270E		1	1067621	YAH	EET EDI	10/11/25 15:37
Total/NA	Prep	3546			1067685	ZXB	EET EDI	10/11/25 17:27
Total/NA	Analysis	8081B		1	1067851	FAM	EET EDI	10/13/25 15:22
Total/NA	Prep	3546			1067684	ZXB	EET EDI	10/11/25 17:23
Total/NA	Analysis	8082A		1	1068035	AAA	EET EDI	10/14/25 11:25
Total/NA	Prep	1633A Shake			714528	URGB	ELLE	10/15/25 16:06
Total/NA	Analysis	1633A		1	714967	P7EB	ELLE	10/17/25 08:27
Total/NA	Prep	3050B			1069029	JKF	EET EDI	10/17/25 10:12
Total/NA	Analysis	6020B		1	1069107	CDC	EET EDI	10/17/25 21:27
Total/NA	Prep	3050B			1069029	JKF	EET EDI	10/17/25 10:12
Total/NA	Analysis	6020B		1	1069547	CDC	EET EDI	10/20/25 19:31

Client Sample ID: 3F_7-14
Date Collected: 10/09/25 13:45
Date Received: 10/09/25 16:58

Lab Sample ID: 460-336881-14
Matrix: Solid
Percent Solids: 92.2

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Prep	7471B			1069401	TJS	EET EDI	10/20/25 01:55
Total/NA	Analysis	7471B		1	1069496	TJS	EET EDI	10/20/25 09:24

Client Sample ID: 3G_0-7
Date Collected: 10/09/25 13:50
Date Received: 10/09/25 16:58

Lab Sample ID: 460-336881-15
Matrix: Solid

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Analysis	Moisture		1	1067785	CJC	EET EDI	10/12/25 10:53

Client Sample ID: 3G_0-7
Date Collected: 10/09/25 13:50
Date Received: 10/09/25 16:58

Lab Sample ID: 460-336881-15
Matrix: Solid
Percent Solids: 94.8

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Prep	3546			1067581	BJB	EET EDI	10/11/25 07:21
Total/NA	Analysis	8270E		1	1067621	YAH	EET EDI	10/11/25 15:59
Total/NA	Prep	3546			1067685	ZXB	EET EDI	10/11/25 17:27
Total/NA	Analysis	8081B		1	1067851	FAM	EET EDI	10/13/25 15:37
Total/NA	Prep	3546			1067684	ZXB	EET EDI	10/11/25 17:23
Total/NA	Analysis	8082A		1	1068035	AAA	EET EDI	10/14/25 11:43
Total/NA	Prep	1633A Shake			714528	URGB	ELLE	10/15/25 16:06
Total/NA	Analysis	1633A		1	714967	P7EB	ELLE	10/17/25 08:41
Total/NA	Prep	3050B			1068891	GAE	EET EDI	10/16/25 19:30
Total/NA	Analysis	6020B		1	1069082	CDC	EET EDI	10/17/25 11:54
Total/NA	Prep	7471B			1069402	TJS	EET EDI	10/20/25 02:11
Total/NA	Analysis	7471B		1	1069497	TJS	EET EDI	10/20/25 07:24

Client Sample ID: 3G_7-14
Date Collected: 10/09/25 13:55
Date Received: 10/09/25 16:58

Lab Sample ID: 460-336881-16
Matrix: Solid

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Analysis	Moisture		1	1067785	CJC	EET EDI	10/12/25 10:53

Client Sample ID: 3G_7-14
Date Collected: 10/09/25 13:55
Date Received: 10/09/25 16:58

Lab Sample ID: 460-336881-16
Matrix: Solid
Percent Solids: 96.5

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Prep	3546			1067581	BJB	EET EDI	10/11/25 07:21
Total/NA	Analysis	8270E		1	1067621	YAH	EET EDI	10/11/25 16:21
Total/NA	Prep	3546			1067685	ZXB	EET EDI	10/11/25 17:27
Total/NA	Analysis	8081B		1	1067851	FAM	EET EDI	10/13/25 15:53
Total/NA	Prep	3546			1067684	ZXB	EET EDI	10/11/25 17:23
Total/NA	Analysis	8082A		1	1068035	AAA	EET EDI	10/14/25 12:00

Lab Chronicle

Client: Haley & Aldrich, Inc.
Project/Site: Former Port Mobil

Job ID: 460-336881-1

Client Sample ID: 3G_7-14
Date Collected: 10/09/25 13:55
Date Received: 10/09/25 16:58

Lab Sample ID: 460-336881-16
Matrix: Solid
Percent Solids: 96.5

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Prep	1633A Shake			714528	URGB	ELLE	10/15/25 16:06
Total/NA	Analysis	1633A		1	714967	P7EB	ELLE	10/17/25 08:54
Total/NA	Prep	3050B			1068891	GAE	EET EDI	10/16/25 19:30
Total/NA	Analysis	6020B		1	1069082	CDC	EET EDI	10/17/25 11:57
Total/NA	Prep	7471B			1069402	TJS	EET EDI	10/20/25 02:11
Total/NA	Analysis	7471B		1	1069497	TJS	EET EDI	10/20/25 07:26

Client Sample ID: 3A1_2-3
Date Collected: 10/09/25 11:05
Date Received: 10/09/25 16:58

Lab Sample ID: 460-336881-17
Matrix: Solid

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Analysis	Moisture		1	1067833	CJC	EET EDI	10/12/25 18:39

Client Sample ID: 3A1_2-3
Date Collected: 10/09/25 11:05
Date Received: 10/09/25 16:58

Lab Sample ID: 460-336881-17
Matrix: Solid
Percent Solids: 93.8

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Prep	5035			1067797	YXG	EET EDI	10/12/25 12:30
Total/NA	Analysis	8260D		1	1067947	EMM	EET EDI	10/14/25 11:43

Client Sample ID: 3A2_1-2
Date Collected: 10/09/25 11:10
Date Received: 10/09/25 16:58

Lab Sample ID: 460-336881-18
Matrix: Solid

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Analysis	Moisture		1	1067833	CJC	EET EDI	10/12/25 18:39

Client Sample ID: 3A2_1-2
Date Collected: 10/09/25 11:10
Date Received: 10/09/25 16:58

Lab Sample ID: 460-336881-18
Matrix: Solid
Percent Solids: 94.1

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Prep	5035			1067797	YXG	EET EDI	10/12/25 12:30
Total/NA	Analysis	8260D		1	1067930	EMM	EET EDI	10/13/25 15:58

Client Sample ID: 3A3_6-7
Date Collected: 10/09/25 11:15
Date Received: 10/09/25 16:58

Lab Sample ID: 460-336881-19
Matrix: Solid

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Analysis	Moisture		1	1067833	CJC	EET EDI	10/12/25 18:39

Lab Chronicle

Client: Haley & Aldrich, Inc.
Project/Site: Former Port Mobil

Job ID: 460-336881-1

Client Sample ID: 3A3_6-7

Lab Sample ID: 460-336881-19
Date Collected: 10/09/25 11:15
Matrix: Solid
Date Received: 10/09/25 16:58
Percent Solids: 95.0

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Prep	5035			1067797	YXG	EET EDI	10/12/25 12:30
Total/NA	Analysis	8260D		1	1067930	EMM	EET EDI	10/13/25 16:22

Client Sample ID: 3A1_8-9

Lab Sample ID: 460-336881-20
Date Collected: 10/09/25 11:20
Matrix: Solid
Date Received: 10/09/25 16:58

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Analysis	Moisture		1	1067834	CJC	EET EDI	10/12/25 17:50

Client Sample ID: 3A1_8-9

Lab Sample ID: 460-336881-20
Date Collected: 10/09/25 11:20
Matrix: Solid
Date Received: 10/09/25 16:58
Percent Solids: 94.9

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Prep	5035			1067797	YXG	EET EDI	10/12/25 12:30
Total/NA	Analysis	8260D		1	1067930	EMM	EET EDI	10/13/25 16:46

Client Sample ID: 3A2_10-11

Lab Sample ID: 460-336881-21
Date Collected: 10/09/25 11:25
Matrix: Solid
Date Received: 10/09/25 16:58

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Analysis	Moisture		1	1067834	CJC	EET EDI	10/12/25 17:50

Client Sample ID: 3A2_10-11

Lab Sample ID: 460-336881-21
Date Collected: 10/09/25 11:25
Matrix: Solid
Date Received: 10/09/25 16:58
Percent Solids: 96.3

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Prep	5035			1067797	YXG	EET EDI	10/12/25 12:30
Total/NA	Analysis	8260D		1	1067930	EMM	EET EDI	10/13/25 17:11

Client Sample ID: 3A3_12-13

Lab Sample ID: 460-336881-22
Date Collected: 10/09/25 11:30
Matrix: Solid
Date Received: 10/09/25 16:58

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Analysis	Moisture		1	1067834	CJC	EET EDI	10/12/25 17:50

Lab Chronicle

Client: Haley & Aldrich, Inc.
Project/Site: Former Port Mobil

Job ID: 460-336881-1

Client Sample ID: 3A3_12-13
Date Collected: 10/09/25 11:30
Date Received: 10/09/25 16:58

Lab Sample ID: 460-336881-22
Matrix: Solid
Percent Solids: 93.9

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Prep	5035			1067797	YXG	EET EDI	10/12/25 12:31
Total/NA	Analysis	8260D		1	1067930	EMM	EET EDI	10/13/25 17:35

Client Sample ID: 3A2_4-5
Date Collected: 10/09/25 11:02
Date Received: 10/09/25 16:58

Lab Sample ID: 460-336881-23
Matrix: Solid

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Analysis	Moisture		1	1067834	CJC	EET EDI	10/12/25 17:50

Client Sample ID: 3A2_4-5
Date Collected: 10/09/25 11:02
Date Received: 10/09/25 16:58

Lab Sample ID: 460-336881-23
Matrix: Solid
Percent Solids: 94.3

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Prep	5035			1067797	YXG	EET EDI	10/12/25 12:31
Total/NA	Analysis	8260D		1	1067930	EMM	EET EDI	10/13/25 17:59

Client Sample ID: 3F1_3-4
Date Collected: 10/09/25 11:35
Date Received: 10/09/25 16:58

Lab Sample ID: 460-336881-24
Matrix: Solid

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Analysis	Moisture		1	1067834	CJC	EET EDI	10/12/25 17:50

Client Sample ID: 3F1_3-4
Date Collected: 10/09/25 11:35
Date Received: 10/09/25 16:58

Lab Sample ID: 460-336881-24
Matrix: Solid
Percent Solids: 92.4

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Prep	5035			1067797	YXG	EET EDI	10/12/25 12:31
Total/NA	Analysis	8260D		1	1067930	EMM	EET EDI	10/13/25 18:23

Client Sample ID: 3F2_1-2
Date Collected: 10/09/25 11:40
Date Received: 10/09/25 16:58

Lab Sample ID: 460-336881-25
Matrix: Solid

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Analysis	Moisture		1	1067834	CJC	EET EDI	10/12/25 17:50

Lab Chronicle

Client: Haley & Aldrich, Inc.
Project/Site: Former Port Mobil

Job ID: 460-336881-1

Client Sample ID: 3F2_1-2
Date Collected: 10/09/25 11:40
Date Received: 10/09/25 16:58

Lab Sample ID: 460-336881-25
Matrix: Solid
Percent Solids: 91.1

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Prep	5035			1067797	YXG	EET EDI	10/12/25 12:31
Total/NA	Analysis	8260D		1	1067930	EMM	EET EDI	10/13/25 18:47

Client Sample ID: 3F3_6-7
Date Collected: 10/09/25 11:45
Date Received: 10/09/25 16:58

Lab Sample ID: 460-336881-26
Matrix: Solid

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Analysis	Moisture		1	1067834	CJC	EET EDI	10/12/25 17:50

Client Sample ID: 3F3_6-7
Date Collected: 10/09/25 11:45
Date Received: 10/09/25 16:58

Lab Sample ID: 460-336881-26
Matrix: Solid
Percent Solids: 92.0

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Prep	5035			1067797	YXG	EET EDI	10/12/25 12:31
Total/NA	Analysis	8260D		1	1067930	EMM	EET EDI	10/13/25 19:11

Client Sample ID: 3F1_5-6
Date Collected: 10/09/25 11:50
Date Received: 10/09/25 16:58

Lab Sample ID: 460-336881-27
Matrix: Solid

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Analysis	Moisture		1	1067834	CJC	EET EDI	10/12/25 17:50

Client Sample ID: 3F1_5-6
Date Collected: 10/09/25 11:50
Date Received: 10/09/25 16:58

Lab Sample ID: 460-336881-27
Matrix: Solid
Percent Solids: 94.6

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Prep	5035			1067797	YXG	EET EDI	10/12/25 12:32
Total/NA	Analysis	8260D		1	1067930	EMM	EET EDI	10/13/25 19:36

Client Sample ID: 3F2_11-12
Date Collected: 10/09/25 11:55
Date Received: 10/09/25 16:58

Lab Sample ID: 460-336881-28
Matrix: Solid

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Analysis	Moisture		1	1067834	CJC	EET EDI	10/12/25 17:50

Lab Chronicle

Client: Haley & Aldrich, Inc.
Project/Site: Former Port Mobil

Job ID: 460-336881-1

Client Sample ID: 3F2_11-12
Date Collected: 10/09/25 11:55
Date Received: 10/09/25 16:58

Lab Sample ID: 460-336881-28
Matrix: Solid
Percent Solids: 91.4

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Prep	5035			1067797	YXG	EET EDI	10/12/25 12:32
Total/NA	Analysis	8260D		1	1067930	EMM	EET EDI	10/13/25 20:20

Client Sample ID: 3F3_7-8
Date Collected: 10/09/25 12:00
Date Received: 10/09/25 16:58

Lab Sample ID: 460-336881-29
Matrix: Solid

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Analysis	Moisture		1	1067834	CJC	EET EDI	10/12/25 17:50

Client Sample ID: 3F3_7-8
Date Collected: 10/09/25 12:00
Date Received: 10/09/25 16:58

Lab Sample ID: 460-336881-29
Matrix: Solid
Percent Solids: 92.6

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Prep	5035			1067797	YXG	EET EDI	10/12/25 12:32
Total/NA	Analysis	8260D		1	1067947	EMM	EET EDI	10/14/25 11:19

Client Sample ID: 3F2_12-13
Date Collected: 10/09/25 12:05
Date Received: 10/09/25 16:58

Lab Sample ID: 460-336881-30
Matrix: Solid

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Analysis	Moisture		1	1067834	CJC	EET EDI	10/12/25 17:50

Client Sample ID: 3F2_12-13
Date Collected: 10/09/25 12:05
Date Received: 10/09/25 16:58

Lab Sample ID: 460-336881-30
Matrix: Solid
Percent Solids: 91.3

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Prep	5035			1067797	YXG	EET EDI	10/12/25 12:32
Total/NA	Analysis	8260D		1	1067943	EMM	EET EDI	10/13/25 23:58

Client Sample ID: 3E1_2-3
Date Collected: 10/09/25 12:10
Date Received: 10/09/25 16:58

Lab Sample ID: 460-336881-31
Matrix: Solid

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Analysis	Moisture		1	1067834	CJC	EET EDI	10/12/25 17:50

Lab Chronicle

Client: Haley & Aldrich, Inc.
Project/Site: Former Port Mobil

Job ID: 460-336881-1

Client Sample ID: 3E1_2-3
Date Collected: 10/09/25 12:10
Date Received: 10/09/25 16:58

Lab Sample ID: 460-336881-31
Matrix: Solid
Percent Solids: 94.8

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Prep	5035			1067797	YXG	EET EDI	10/12/25 12:32
Total/NA	Analysis	8260D		1	1067943	EMM	EET EDI	10/14/25 00:22

Client Sample ID: 3E2_4-5
Date Collected: 10/09/25 12:15
Date Received: 10/09/25 16:58

Lab Sample ID: 460-336881-32
Matrix: Solid

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Analysis	Moisture		1	1067834	CJC	EET EDI	10/12/25 17:50

Client Sample ID: 3E2_4-5
Date Collected: 10/09/25 12:15
Date Received: 10/09/25 16:58

Lab Sample ID: 460-336881-32
Matrix: Solid
Percent Solids: 94.8

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Prep	5035			1067797	YXG	EET EDI	10/12/25 12:33
Total/NA	Analysis	8260D		1	1067943	EMM	EET EDI	10/14/25 00:46

Client Sample ID: 3E3_6-7
Date Collected: 10/09/25 12:20
Date Received: 10/09/25 16:58

Lab Sample ID: 460-336881-33
Matrix: Solid

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Analysis	Moisture		1	1067834	CJC	EET EDI	10/12/25 17:50

Client Sample ID: 3E3_6-7
Date Collected: 10/09/25 12:20
Date Received: 10/09/25 16:58

Lab Sample ID: 460-336881-33
Matrix: Solid
Percent Solids: 91.0

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Prep	5035			1067797	YXG	EET EDI	10/12/25 12:33
Total/NA	Analysis	8260D		1	1067943	EMM	EET EDI	10/14/25 01:10

Client Sample ID: 3E1_8-9
Date Collected: 10/09/25 12:25
Date Received: 10/09/25 16:58

Lab Sample ID: 460-336881-34
Matrix: Solid

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Analysis	Moisture		1	1067834	CJC	EET EDI	10/12/25 17:50

Lab Chronicle

Client: Haley & Aldrich, Inc.
Project/Site: Former Port Mobil

Job ID: 460-336881-1

Client Sample ID: 3E1_8-9
Date Collected: 10/09/25 12:25
Date Received: 10/09/25 16:58

Lab Sample ID: 460-336881-34
Matrix: Solid
Percent Solids: 90.8

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Prep	5035			1067797	YXG	EET EDI	10/12/25 12:33
Total/NA	Analysis	8260D		1	1067943	EMM	EET EDI	10/14/25 01:34

Client Sample ID: 3E2_7-8
Date Collected: 10/09/25 12:30
Date Received: 10/09/25 16:58

Lab Sample ID: 460-336881-35
Matrix: Solid

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Analysis	Moisture		1	1067834	CJC	EET EDI	10/12/25 17:50

Client Sample ID: 3E2_7-8
Date Collected: 10/09/25 12:30
Date Received: 10/09/25 16:58

Lab Sample ID: 460-336881-35
Matrix: Solid
Percent Solids: 94.2

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Prep	5035			1067797	YXG	EET EDI	10/12/25 12:33
Total/NA	Analysis	8260D		1	1067943	EMM	EET EDI	10/14/25 01:58

Client Sample ID: 3E3_11-12
Date Collected: 10/09/25 12:35
Date Received: 10/09/25 16:58

Lab Sample ID: 460-336881-36
Matrix: Solid

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Analysis	Moisture		1	1067834	CJC	EET EDI	10/12/25 17:50

Client Sample ID: 3E3_11-12
Date Collected: 10/09/25 12:35
Date Received: 10/09/25 16:58

Lab Sample ID: 460-336881-36
Matrix: Solid
Percent Solids: 91.9

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Prep	5035			1067797	YXG	EET EDI	10/12/25 12:33
Total/NA	Analysis	8260D		1	1067943	EMM	EET EDI	10/14/25 02:23

Client Sample ID: 3E3_13-14
Date Collected: 10/09/25 12:40
Date Received: 10/09/25 16:58

Lab Sample ID: 460-336881-37
Matrix: Solid

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Analysis	Moisture		1	1067834	CJC	EET EDI	10/12/25 17:50

Lab Chronicle

Client: Haley & Aldrich, Inc.
Project/Site: Former Port Mobil

Job ID: 460-336881-1

Client Sample ID: 3E3_13-14
Date Collected: 10/09/25 12:40
Date Received: 10/09/25 16:58

Lab Sample ID: 460-336881-37
Matrix: Solid
Percent Solids: 92.2

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Prep	5035			1067797	YXG	EET EDI	10/12/25 12:34
Total/NA	Analysis	8260D		1	1067943	EMM	EET EDI	10/14/25 02:47

Client Sample ID: 3G1_1-2
Date Collected: 10/09/25 12:45
Date Received: 10/09/25 16:58

Lab Sample ID: 460-336881-38
Matrix: Solid

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Analysis	Moisture		1	1067834	CJC	EET EDI	10/12/25 17:50

Client Sample ID: 3G1_1-2
Date Collected: 10/09/25 12:45
Date Received: 10/09/25 16:58

Lab Sample ID: 460-336881-38
Matrix: Solid
Percent Solids: 98.4

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Prep	5035			1067797	YXG	EET EDI	10/12/25 12:34
Total/NA	Analysis	8260D		1	1067943	EMM	EET EDI	10/14/25 03:11

Client Sample ID: 3G2_4-5
Date Collected: 10/09/25 12:50
Date Received: 10/09/25 16:58

Lab Sample ID: 460-336881-39
Matrix: Solid

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Analysis	Moisture		1	1067834	CJC	EET EDI	10/12/25 17:50

Client Sample ID: 3G2_4-5
Date Collected: 10/09/25 12:50
Date Received: 10/09/25 16:58

Lab Sample ID: 460-336881-39
Matrix: Solid
Percent Solids: 94.6

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Prep	5035			1067797	YXG	EET EDI	10/12/25 12:34
Total/NA	Analysis	8260D		1	1067943	EMM	EET EDI	10/14/25 03:35

Client Sample ID: 3G3_3-4
Date Collected: 10/09/25 12:55
Date Received: 10/09/25 16:58

Lab Sample ID: 460-336881-40
Matrix: Solid

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Analysis	Moisture		1	1067834	CJC	EET EDI	10/12/25 17:50

Lab Chronicle

Client: Haley & Aldrich, Inc.
Project/Site: Former Port Mobil

Job ID: 460-336881-1

Client Sample ID: 3G3_3-4
Date Collected: 10/09/25 12:55
Date Received: 10/09/25 16:58

Lab Sample ID: 460-336881-40
Matrix: Solid
Percent Solids: 95.1

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Prep	5035			1067797	YXG	EET EDI	10/12/25 12:34
Total/NA	Analysis	8260D		1	1069414	VZD	EET EDI	10/20/25 14:26

Client Sample ID: 3G1_7-8
Date Collected: 10/09/25 13:00
Date Received: 10/09/25 16:58

Lab Sample ID: 460-336881-41
Matrix: Solid

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Analysis	Moisture		1	1067834	CJC	EET EDI	10/12/25 17:50

Client Sample ID: 3G1_7-8
Date Collected: 10/09/25 13:00
Date Received: 10/09/25 16:58

Lab Sample ID: 460-336881-41
Matrix: Solid
Percent Solids: 94.0

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Prep	5035			1067797	YXG	EET EDI	10/12/25 12:34
Total/NA	Analysis	8260D		1	1067943	EMM	EET EDI	10/14/25 04:23

Client Sample ID: 3G2_10-11
Date Collected: 10/09/25 13:05
Date Received: 10/09/25 16:58

Lab Sample ID: 460-336881-42
Matrix: Solid

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Analysis	Moisture		1	1067834	CJC	EET EDI	10/12/25 17:50

Client Sample ID: 3G2_10-11
Date Collected: 10/09/25 13:05
Date Received: 10/09/25 16:58

Lab Sample ID: 460-336881-42
Matrix: Solid
Percent Solids: 95.4

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Prep	5035			1067797	YXG	EET EDI	10/12/25 12:35
Total/NA	Analysis	8260D		1	1067943	EMM	EET EDI	10/14/25 04:48

Client Sample ID: 3G3_9-10
Date Collected: 10/09/25 13:10
Date Received: 10/09/25 16:58

Lab Sample ID: 460-336881-43
Matrix: Solid

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Analysis	Moisture		1	1067834	CJC	EET EDI	10/12/25 17:50

Lab Chronicle

Client: Haley & Aldrich, Inc.
Project/Site: Former Port Mobil

Job ID: 460-336881-1

Client Sample ID: 3G3_9-10
Date Collected: 10/09/25 13:10
Date Received: 10/09/25 16:58

Lab Sample ID: 460-336881-43
Matrix: Solid
Percent Solids: 95.0

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Prep	5035			1067797	YXG	EET EDI	10/12/25 12:35
Total/NA	Analysis	8260D		1	1067943	EMM	EET EDI	10/14/25 05:12

Client Sample ID: 3G1_13-14
Date Collected: 10/09/25 13:15
Date Received: 10/09/25 16:58

Lab Sample ID: 460-336881-44
Matrix: Solid

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Analysis	Moisture		1	1067834	CJC	EET EDI	10/12/25 17:50

Client Sample ID: 3G1_13-14
Date Collected: 10/09/25 13:15
Date Received: 10/09/25 16:58

Lab Sample ID: 460-336881-44
Matrix: Solid
Percent Solids: 93.8

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Prep	5035			1067797	YXG	EET EDI	10/12/25 12:35
Total/NA	Analysis	8260D		1	1067943	EMM	EET EDI	10/14/25 05:36

Client Sample ID: 50A1_1-2
Date Collected: 10/09/25 08:00
Date Received: 10/09/25 16:58

Lab Sample ID: 460-336881-45
Matrix: Solid

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Analysis	Moisture		1	1067834	CJC	EET EDI	10/12/25 17:50

Client Sample ID: 50A1_1-2
Date Collected: 10/09/25 08:00
Date Received: 10/09/25 16:58

Lab Sample ID: 460-336881-45
Matrix: Solid
Percent Solids: 94.5

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Prep	5035			1067797	YXG	EET EDI	10/12/25 12:35
Total/NA	Analysis	8260D		1	1067943	EMM	EET EDI	10/14/25 06:00

Client Sample ID: 50A2_2-3
Date Collected: 10/09/25 08:05
Date Received: 10/09/25 16:58

Lab Sample ID: 460-336881-46
Matrix: Solid

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Analysis	Moisture		1	1067834	CJC	EET EDI	10/12/25 17:50

Lab Chronicle

Client: Haley & Aldrich, Inc.
Project/Site: Former Port Mobil

Job ID: 460-336881-1

Client Sample ID: 50A2_2-3
Date Collected: 10/09/25 08:05
Date Received: 10/09/25 16:58

Lab Sample ID: 460-336881-46
Matrix: Solid
Percent Solids: 93.7

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Prep	5035			1067797	YXG	EET EDI	10/12/25 12:35
Total/NA	Analysis	8260D		1	1067943	EMM	EET EDI	10/14/25 06:24

Client Sample ID: 50A3_3-4
Date Collected: 10/09/25 08:10
Date Received: 10/09/25 16:58

Lab Sample ID: 460-336881-47
Matrix: Solid

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Analysis	Moisture		1	1067834	CJC	EET EDI	10/12/25 17:50

Client Sample ID: 50A3_3-4
Date Collected: 10/09/25 08:10
Date Received: 10/09/25 16:58

Lab Sample ID: 460-336881-47
Matrix: Solid
Percent Solids: 90.4

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Prep	5035			1067797	YXG	EET EDI	10/12/25 12:36
Total/NA	Analysis	8260D		1	1067943	EMM	EET EDI	10/14/25 06:48

Client Sample ID: 50A4_5-6
Date Collected: 10/09/25 08:15
Date Received: 10/09/25 16:58

Lab Sample ID: 460-336881-48
Matrix: Solid

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Analysis	Moisture		1	1067834	CJC	EET EDI	10/12/25 17:50

Client Sample ID: 50A4_5-6
Date Collected: 10/09/25 08:15
Date Received: 10/09/25 16:58

Lab Sample ID: 460-336881-48
Matrix: Solid
Percent Solids: 93.5

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Prep	5035			1067797	YXG	EET EDI	10/12/25 12:36
Total/NA	Analysis	8260D		1	1067943	EMM	EET EDI	10/14/25 07:13

Client Sample ID: 50A1_8-9
Date Collected: 10/09/25 08:20
Date Received: 10/09/25 16:58

Lab Sample ID: 460-336881-49
Matrix: Solid

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Analysis	Moisture		1	1067834	CJC	EET EDI	10/12/25 17:50

Lab Chronicle

Client: Haley & Aldrich, Inc.
Project/Site: Former Port Mobil

Job ID: 460-336881-1

Client Sample ID: 50A1_8-9

Lab Sample ID: 460-336881-49
Date Collected: 10/09/25 08:20
Matrix: Solid
Date Received: 10/09/25 16:58
Percent Solids: 91.9

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Prep	5035			1067797	YXG	EET EDI	10/12/25 12:36
Total/NA	Analysis	8260D		1	1067943	EMM	EET EDI	10/14/25 07:37

Client Sample ID: 50A2_7-8

Lab Sample ID: 460-336881-50
Date Collected: 10/09/25 08:25
Matrix: Solid
Date Received: 10/09/25 16:58

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Analysis	Moisture		1	1067834	CJC	EET EDI	10/12/25 17:50

Client Sample ID: 50A2_7-8

Lab Sample ID: 460-336881-50
Date Collected: 10/09/25 08:25
Matrix: Solid
Date Received: 10/09/25 16:58
Percent Solids: 93.1

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Prep	5035			1067797	YXG	EET EDI	10/12/25 12:36
Total/NA	Analysis	8260D		1	1067947	EMM	EET EDI	10/14/25 12:07

Client Sample ID: 50A4_9-10

Lab Sample ID: 460-336881-51
Date Collected: 10/09/25 08:30
Matrix: Solid
Date Received: 10/09/25 16:58

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Analysis	Moisture		1	1067834	CJC	EET EDI	10/12/25 17:50

Client Sample ID: 50A4_9-10

Lab Sample ID: 460-336881-51
Date Collected: 10/09/25 08:30
Matrix: Solid
Date Received: 10/09/25 16:58
Percent Solids: 94.4

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Prep	5035			1067797	YXG	EET EDI	10/12/25 12:36
Total/NA	Analysis	8260D		1	1068499	AAT	EET EDI	10/15/25 23:17

Client Sample ID: 50B1_1-2

Lab Sample ID: 460-336881-52
Date Collected: 10/09/25 08:35
Matrix: Solid
Date Received: 10/09/25 16:58

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Analysis	Moisture		1	1067834	CJC	EET EDI	10/12/25 17:50

Lab Chronicle

Client: Haley & Aldrich, Inc.
Project/Site: Former Port Mobil

Job ID: 460-336881-1

Client Sample ID: 50B1_1-2
Date Collected: 10/09/25 08:35
Date Received: 10/09/25 16:58

Lab Sample ID: 460-336881-52
Matrix: Solid
Percent Solids: 94.4

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Prep	5035			1067797	YXG	EET EDI	10/12/25 12:37
Total/NA	Analysis	8260D		1	1067947	EMM	EET EDI	10/14/25 12:55

Client Sample ID: 50B2_3-4
Date Collected: 10/09/25 08:40
Date Received: 10/09/25 16:58

Lab Sample ID: 460-336881-53
Matrix: Solid

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Analysis	Moisture		1	1067834	CJC	EET EDI	10/12/25 17:50

Client Sample ID: 50B2_3-4
Date Collected: 10/09/25 08:40
Date Received: 10/09/25 16:58

Lab Sample ID: 460-336881-53
Matrix: Solid
Percent Solids: 93.3

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Prep	5035			1067797	YXG	EET EDI	10/12/25 12:37
Total/NA	Analysis	8260D		1	1067947	EMM	EET EDI	10/14/25 13:19

Client Sample ID: 50B3_2-3
Date Collected: 10/09/25 08:45
Date Received: 10/09/25 16:58

Lab Sample ID: 460-336881-54
Matrix: Solid

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Analysis	Moisture		1	1067834	CJC	EET EDI	10/12/25 17:50

Client Sample ID: 50B3_2-3
Date Collected: 10/09/25 08:45
Date Received: 10/09/25 16:58

Lab Sample ID: 460-336881-54
Matrix: Solid
Percent Solids: 92.5

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Prep	5035			1067797	YXG	EET EDI	10/12/25 12:37
Total/NA	Analysis	8260D		1	1067947	EMM	EET EDI	10/14/25 13:43

Client Sample ID: 50B1_4-5
Date Collected: 10/09/25 08:50
Date Received: 10/09/25 16:58

Lab Sample ID: 460-336881-55
Matrix: Solid

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Analysis	Moisture		1	1067834	CJC	EET EDI	10/12/25 17:50

Lab Chronicle

Client: Haley & Aldrich, Inc.
Project/Site: Former Port Mobil

Job ID: 460-336881-1

Client Sample ID: 50B1_4-5

Lab Sample ID: 460-336881-55
Date Collected: 10/09/25 08:50
Matrix: Solid
Date Received: 10/09/25 16:58
Percent Solids: 91.8

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Prep	5035			1067797	YXG	EET EDI	10/12/25 12:37
Total/NA	Analysis	8260D		1	1067947	EMM	EET EDI	10/14/25 14:08

Client Sample ID: 50B2_5-6

Lab Sample ID: 460-336881-56
Date Collected: 10/09/25 09:00
Matrix: Solid
Date Received: 10/09/25 16:58

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Analysis	Moisture		1	1067834	CJC	EET EDI	10/12/25 17:50

Client Sample ID: 50B2_5-6

Lab Sample ID: 460-336881-56
Date Collected: 10/09/25 09:00
Matrix: Solid
Date Received: 10/09/25 16:58
Percent Solids: 90.7

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Prep	5035			1067797	YXG	EET EDI	10/12/25 12:37
Total/NA	Analysis	8260D		1	1067947	EMM	EET EDI	10/14/25 14:32

Client Sample ID: 50B1_6-7

Lab Sample ID: 460-336881-57
Date Collected: 10/09/25 09:05
Matrix: Solid
Date Received: 10/09/25 16:58

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Analysis	Moisture		1	1067834	CJC	EET EDI	10/12/25 17:50

Client Sample ID: 50B1_6-7

Lab Sample ID: 460-336881-57
Date Collected: 10/09/25 09:05
Matrix: Solid
Date Received: 10/09/25 16:58
Percent Solids: 89.8

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Prep	5035			1067797	YXG	EET EDI	10/12/25 12:38
Total/NA	Analysis	8260D		1	1067947	EMM	EET EDI	10/14/25 14:56

Client Sample ID: 50B3_7-8

Lab Sample ID: 460-336881-58
Date Collected: 10/09/25 09:10
Matrix: Solid
Date Received: 10/09/25 16:58

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Analysis	Moisture		1	1067834	CJC	EET EDI	10/12/25 17:50

Lab Chronicle

Client: Haley & Aldrich, Inc.
Project/Site: Former Port Mobil

Job ID: 460-336881-1

Client Sample ID: 50B3_7-8
Date Collected: 10/09/25 09:10
Date Received: 10/09/25 16:58

Lab Sample ID: 460-336881-58
Matrix: Solid
Percent Solids: 92.4

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Prep	5035			1067797	YXG	EET EDI	10/12/25 12:38
Total/NA	Analysis	8260D		1	1067947	EMM	EET EDI	10/14/25 15:20

Client Sample ID: 50C1_1-2
Date Collected: 10/09/25 09:15
Date Received: 10/09/25 16:58

Lab Sample ID: 460-336881-59
Matrix: Solid

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Analysis	Moisture		1	1067834	CJC	EET EDI	10/12/25 17:50

Client Sample ID: 50C1_1-2
Date Collected: 10/09/25 09:15
Date Received: 10/09/25 16:58

Lab Sample ID: 460-336881-59
Matrix: Solid
Percent Solids: 96.3

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Prep	5035			1067797	YXG	EET EDI	10/12/25 12:38
Total/NA	Analysis	8260D		1	1068499	AAT	EET EDI	10/15/25 23:41

Client Sample ID: 50C2_2-3
Date Collected: 10/09/25 09:20
Date Received: 10/09/25 16:58

Lab Sample ID: 460-336881-60
Matrix: Solid

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Analysis	Moisture		1	1067834	CJC	EET EDI	10/12/25 18:48

Client Sample ID: 50C2_2-3
Date Collected: 10/09/25 09:20
Date Received: 10/09/25 16:58

Lab Sample ID: 460-336881-60
Matrix: Solid
Percent Solids: 93.8

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Prep	5035			1067797	YXG	EET EDI	10/12/25 12:38
Total/NA	Analysis	8260D		1	1067947	EMM	EET EDI	10/14/25 16:08

Client Sample ID: 50C3_4-5
Date Collected: 10/09/25 09:25
Date Received: 10/09/25 16:58

Lab Sample ID: 460-336881-61
Matrix: Solid

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Analysis	Moisture		1	1067834	CJC	EET EDI	10/12/25 18:48

Lab Chronicle

Client: Haley & Aldrich, Inc.
Project/Site: Former Port Mobil

Job ID: 460-336881-1

Client Sample ID: 50C3_4-5

Lab Sample ID: 460-336881-61
Date Collected: 10/09/25 09:25
Matrix: Solid
Date Received: 10/09/25 16:58
Percent Solids: 92.6

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Prep	5035			1067797	YXG	EET EDI	10/12/25 12:38
Total/NA	Analysis	8260D		1	1067947	EMM	EET EDI	10/14/25 16:33

Client Sample ID: 50C1_5-6

Lab Sample ID: 460-336881-62
Date Collected: 10/09/25 09:30
Matrix: Solid
Date Received: 10/09/25 16:58

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Analysis	Moisture		1	1067834	CJC	EET EDI	10/12/25 18:48

Client Sample ID: 50C1_5-6

Lab Sample ID: 460-336881-62
Date Collected: 10/09/25 09:30
Matrix: Solid
Date Received: 10/09/25 16:58
Percent Solids: 95.6

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Prep	5035			1067797	YXG	EET EDI	10/12/25 12:39
Total/NA	Analysis	8260D		1	1067947	EMM	EET EDI	10/14/25 16:57

Client Sample ID: 50C2_7-8

Lab Sample ID: 460-336881-63
Date Collected: 10/09/25 09:35
Matrix: Solid
Date Received: 10/09/25 16:58

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Analysis	Moisture		1	1067834	CJC	EET EDI	10/12/25 18:48

Client Sample ID: 50C2_7-8

Lab Sample ID: 460-336881-63
Date Collected: 10/09/25 09:35
Matrix: Solid
Date Received: 10/09/25 16:58
Percent Solids: 91.4

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Prep	5035			1067797	YXG	EET EDI	10/12/25 12:39
Total/NA	Analysis	8260D		1	1067947	EMM	EET EDI	10/14/25 17:21

Client Sample ID: 50C3_5-6

Lab Sample ID: 460-336881-64
Date Collected: 10/09/25 09:40
Matrix: Solid
Date Received: 10/09/25 16:58

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Analysis	Moisture		1	1067834	CJC	EET EDI	10/12/25 18:48

Lab Chronicle

Client: Haley & Aldrich, Inc.
Project/Site: Former Port Mobil

Job ID: 460-336881-1

Client Sample ID: 50C3_5-6

Lab Sample ID: 460-336881-64
Date Collected: 10/09/25 09:40
Matrix: Solid
Date Received: 10/09/25 16:58
Percent Solids: 88.4

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Prep	5035			1067797	YXG	EET EDI	10/12/25 12:39
Total/NA	Analysis	8260D		1	1067947	EMM	EET EDI	10/14/25 17:45

Client Sample ID: 50C2_6-7

Lab Sample ID: 460-336881-65
Date Collected: 10/09/25 09:45
Matrix: Solid
Date Received: 10/09/25 16:58

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Analysis	Moisture		1	1067834	CJC	EET EDI	10/12/25 18:48

Client Sample ID: 50C2_6-7

Lab Sample ID: 460-336881-65
Date Collected: 10/09/25 09:45
Matrix: Solid
Date Received: 10/09/25 16:58
Percent Solids: 88.9

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Prep	5035			1067797	YXG	EET EDI	10/12/25 12:39
Total/NA	Analysis	8260D		1	1067947	EMM	EET EDI	10/14/25 18:33

Client Sample ID: 50D1_3-4

Lab Sample ID: 460-336881-66
Date Collected: 10/09/25 09:50
Matrix: Solid
Date Received: 10/09/25 16:58

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Analysis	Moisture		1	1067834	CJC	EET EDI	10/12/25 18:48

Client Sample ID: 50D1_3-4

Lab Sample ID: 460-336881-66
Date Collected: 10/09/25 09:50
Matrix: Solid
Date Received: 10/09/25 16:58
Percent Solids: 92.6

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Prep	5035			1067797	YXG	EET EDI	10/12/25 12:39
Total/NA	Analysis	8260D		1	1067947	EMM	EET EDI	10/14/25 18:58

Client Sample ID: 50D2_1-2

Lab Sample ID: 460-336881-67
Date Collected: 10/09/25 09:55
Matrix: Solid
Date Received: 10/09/25 16:58

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Analysis	Moisture		1	1067834	CJC	EET EDI	10/12/25 18:48

Lab Chronicle

Client: Haley & Aldrich, Inc.
Project/Site: Former Port Mobil

Job ID: 460-336881-1

Client Sample ID: 50D2_1-2
Date Collected: 10/09/25 09:55
Date Received: 10/09/25 16:58

Lab Sample ID: 460-336881-67
Matrix: Solid
Percent Solids: 94.8

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Prep	5035			1067799	YXG	EET EDI	10/12/25 12:45
Total/NA	Analysis	8260D		1	1067954	EMM	EET EDI	10/13/25 21:35

Client Sample ID: 50D3_4-5
Date Collected: 10/09/25 10:00
Date Received: 10/09/25 16:58

Lab Sample ID: 460-336881-68
Matrix: Solid

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Analysis	Moisture		1	1067834	CJC	EET EDI	10/12/25 18:48

Client Sample ID: 50D3_4-5
Date Collected: 10/09/25 10:00
Date Received: 10/09/25 16:58

Lab Sample ID: 460-336881-68
Matrix: Solid
Percent Solids: 88.0

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Prep	5035			1067799	YXG	EET EDI	10/12/25 12:45
Total/NA	Analysis	8260D		1	1067954	EMM	EET EDI	10/13/25 21:58

Client Sample ID: 50D1_5-6
Date Collected: 10/09/25 10:05
Date Received: 10/09/25 16:58

Lab Sample ID: 460-336881-69
Matrix: Solid

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Analysis	Moisture		1	1067834	CJC	EET EDI	10/12/25 18:48

Client Sample ID: 50D1_5-6
Date Collected: 10/09/25 10:05
Date Received: 10/09/25 16:58

Lab Sample ID: 460-336881-69
Matrix: Solid
Percent Solids: 89.9

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Prep	5035			1067799	YXG	EET EDI	10/12/25 12:46
Total/NA	Analysis	8260D		1	1067954	EMM	EET EDI	10/13/25 22:21

Client Sample ID: 50D4_6-7
Date Collected: 10/09/25 10:10
Date Received: 10/09/25 16:58

Lab Sample ID: 460-336881-70
Matrix: Solid

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Analysis	Moisture		1	1067834	CJC	EET EDI	10/12/25 18:48

Lab Chronicle

Client: Haley & Aldrich, Inc.
Project/Site: Former Port Mobil

Job ID: 460-336881-1

Client Sample ID: 50D4_6-7

Lab Sample ID: 460-336881-70
Date Collected: 10/09/25 10:10
Matrix: Solid
Date Received: 10/09/25 16:58
Percent Solids: 90.5

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Prep	5035			1067799	YXG	EET EDI	10/12/25 12:47
Total/NA	Analysis	8260D		1	1067931	EMM	EET EDI	10/13/25 11:11

Client Sample ID: 50D3_9-10

Lab Sample ID: 460-336881-71
Date Collected: 10/09/25 10:15
Matrix: Solid
Date Received: 10/09/25 16:58

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Analysis	Moisture		1	1067834	CJC	EET EDI	10/12/25 18:48

Client Sample ID: 50D3_9-10

Lab Sample ID: 460-336881-71
Date Collected: 10/09/25 10:15
Matrix: Solid
Date Received: 10/09/25 16:58
Percent Solids: 86.4

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Prep	5035			1067799	YXG	EET EDI	10/12/25 12:47
Total/NA	Analysis	8260D		1	1067931	EMM	EET EDI	10/13/25 11:34

Client Sample ID: 50D2_8-9

Lab Sample ID: 460-336881-72
Date Collected: 10/09/25 10:20
Matrix: Solid
Date Received: 10/09/25 16:58

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Analysis	Moisture		1	1067834	CJC	EET EDI	10/12/25 18:48

Client Sample ID: 50D2_8-9

Lab Sample ID: 460-336881-72
Date Collected: 10/09/25 10:20
Matrix: Solid
Date Received: 10/09/25 16:58
Percent Solids: 89.0

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Prep	5035			1067799	YXG	EET EDI	10/12/25 12:48
Total/NA	Analysis	8260D		1	1067931	EMM	EET EDI	10/13/25 11:57

Laboratory References:

EET EDI = Eurofins Edison, 777 New Durham Road, Edison, NJ 08817, TEL (732)549-3900

ELLE = Eurofins Lancaster Laboratories Environment Testing, LLC, 2425 New Holland Pike, Lancaster, PA 17601, TEL (717)656-2300

Accreditation/Certification Summary

Client: Haley & Aldrich, Inc.
Project/Site: Former Port Mobil

Job ID: 460-336881-1

Laboratory: Eurofins Edison

Unless otherwise noted, all analytes for this laboratory were covered under each accreditation/certification below.

Authority	Program	Identification Number	Expiration Date
New York	NELAP	11452	04-01-26

The following analytes are included in this report, but the laboratory is not certified by the governing authority. This list may include analytes for which the agency does not offer certification.

Analysis Method	Prep Method	Matrix	Analyte
8270E	3546	Solid	3 & 4 Methylphenol
Moisture		Solid	Percent Moisture
Moisture		Solid	Percent Solids

Laboratory: Eurofins Lancaster Laboratories Environment Testing, LLC

The accreditations/certifications listed below are applicable to this report.

Authority	Program	Identification Number	Expiration Date
New York	NELAP	10670	04-01-26

Method Summary

Client: Haley & Aldrich, Inc.
Project/Site: Former Port Mobil

Job ID: 460-336881-1

Method	Method Description	Protocol	Laboratory
8260D	Volatile Organic Compounds by GC/MS	SW846	EET EDI
8270E	Semivolatile Organic Compounds (GC/MS)	SW846	EET EDI
8081B	Organochlorine Pesticides (GC)	SW846	EET EDI
8082A	Polychlorinated Biphenyls (PCBs) by Gas Chromatography	SW846	EET EDI
1633A	Per- and Polyfluoroalkyl Substances by LC/MS/MS, 1633A	EPA	ELLE
6020B	Metals (ICP/MS)	SW846	EET EDI
7471B	Mercury (CVAA)	SW846	EET EDI
Moisture	Percent Moisture	EPA	EET EDI
1633A Shake	Shake Extraction with SPE	EPA	ELLE
3050B	Preparation, Metals	SW846	EET EDI
3546	Microwave Extraction	SW846	EET EDI
5035	Closed System Purge and Trap	SW846	EET EDI
7471B	Preparation, Mercury	SW846	EET EDI

Protocol References:

EPA = US Environmental Protection Agency

SW846 = "Test Methods For Evaluating Solid Waste, Physical/Chemical Methods", Third Edition, November 1986 And Its Updates.

Laboratory References:

EET EDI = Eurofins Edison, 777 New Durham Road, Edison, NJ 08817, TEL (732)549-3900

ELLE = Eurofins Lancaster Laboratories Environment Testing, LLC, 2425 New Holland Pike, Lancaster, PA 17601, TEL (717)656-2300

Sample Summary

Client: Haley & Aldrich, Inc.
Project/Site: Former Port Mobil

Job ID: 460-336881-1

Lab Sample ID	Client Sample ID	Matrix	Collected	Received	Sample Origin
460-336881-1	50A_0-5	Solid	10/09/25 10:25	10/09/25 16:58	New York
460-336881-2	50A_5-10	Solid	10/09/25 10:30	10/09/25 16:58	New York
460-336881-3	50B_0-4	Solid	10/09/25 10:35	10/09/25 16:58	New York
460-336881-4	50B_4-8	Solid	10/09/25 10:40	10/09/25 16:58	New York
460-336881-5	50C_0-4	Solid	10/09/25 10:45	10/09/25 16:58	New York
460-336881-6	50C_4-8	Solid	10/09/25 10:50	10/09/25 16:58	New York
460-336881-7	50D_0-5	Solid	10/09/25 10:55	10/09/25 16:58	New York
460-336881-8	50D_5-10	Solid	10/09/25 11:00	10/09/25 16:58	New York
460-336881-9	3A_0-7	Solid	10/09/25 13:20	10/09/25 16:58	New York
460-336881-10	3A_7-14	Solid	10/09/25 13:25	10/09/25 16:58	New York
460-336881-11	3B_0-7	Solid	10/09/25 13:30	10/09/25 16:58	New York
460-336881-12	3B_7-14	Solid	10/09/25 13:35	10/09/25 16:58	New York
460-336881-13	3F_0-7	Solid	10/09/25 13:40	10/09/25 16:58	New York
460-336881-14	3F_7-14	Solid	10/09/25 13:45	10/09/25 16:58	New York
460-336881-15	3G_0-7	Solid	10/09/25 13:50	10/09/25 16:58	New York
460-336881-16	3G_7-14	Solid	10/09/25 13:55	10/09/25 16:58	New York
460-336881-17	3A1_2-3	Solid	10/09/25 11:05	10/09/25 16:58	New York
460-336881-18	3A2_1-2	Solid	10/09/25 11:10	10/09/25 16:58	New York
460-336881-19	3A3_6-7	Solid	10/09/25 11:15	10/09/25 16:58	New York
460-336881-20	3A1_8-9	Solid	10/09/25 11:20	10/09/25 16:58	New York
460-336881-21	3A2_10-11	Solid	10/09/25 11:25	10/09/25 16:58	New York
460-336881-22	3A3_12-13	Solid	10/09/25 11:30	10/09/25 16:58	New York
460-336881-23	3A2_4-5	Solid	10/09/25 11:02	10/09/25 16:58	New York
460-336881-24	3F1_3-4	Solid	10/09/25 11:35	10/09/25 16:58	New York
460-336881-25	3F2_1-2	Solid	10/09/25 11:40	10/09/25 16:58	New York
460-336881-26	3F3_6-7	Solid	10/09/25 11:45	10/09/25 16:58	New York
460-336881-27	3F1_5-6	Solid	10/09/25 11:50	10/09/25 16:58	New York
460-336881-28	3F2_11-12	Solid	10/09/25 11:55	10/09/25 16:58	New York
460-336881-29	3F3_7-8	Solid	10/09/25 12:00	10/09/25 16:58	New York
460-336881-30	3F2_12-13	Solid	10/09/25 12:05	10/09/25 16:58	New York
460-336881-31	3E1_2-3	Solid	10/09/25 12:10	10/09/25 16:58	New York
460-336881-32	3E2_4-5	Solid	10/09/25 12:15	10/09/25 16:58	New York
460-336881-33	3E3_6-7	Solid	10/09/25 12:20	10/09/25 16:58	New York
460-336881-34	3E1_8-9	Solid	10/09/25 12:25	10/09/25 16:58	New York
460-336881-35	3E2_7-8	Solid	10/09/25 12:30	10/09/25 16:58	New York
460-336881-36	3E3_11-12	Solid	10/09/25 12:35	10/09/25 16:58	New York
460-336881-37	3E3_13-14	Solid	10/09/25 12:40	10/09/25 16:58	New York
460-336881-38	3G1_1-2	Solid	10/09/25 12:45	10/09/25 16:58	New York
460-336881-39	3G2_4-5	Solid	10/09/25 12:50	10/09/25 16:58	New York
460-336881-40	3G3_3-4	Solid	10/09/25 12:55	10/09/25 16:58	New York
460-336881-41	3G1_7-8	Solid	10/09/25 13:00	10/09/25 16:58	New York
460-336881-42	3G2_10-11	Solid	10/09/25 13:05	10/09/25 16:58	New York
460-336881-43	3G3_9-10	Solid	10/09/25 13:10	10/09/25 16:58	New York
460-336881-44	3G1_13-14	Solid	10/09/25 13:15	10/09/25 16:58	New York
460-336881-45	50A1_1-2	Solid	10/09/25 08:00	10/09/25 16:58	New York
460-336881-46	50A2_2-3	Solid	10/09/25 08:05	10/09/25 16:58	New York
460-336881-47	50A3_3-4	Solid	10/09/25 08:10	10/09/25 16:58	New York
460-336881-48	50A4_5-6	Solid	10/09/25 08:15	10/09/25 16:58	New York
460-336881-49	50A1_8-9	Solid	10/09/25 08:20	10/09/25 16:58	New York
460-336881-50	50A2_7-8	Solid	10/09/25 08:25	10/09/25 16:58	New York
460-336881-51	50A4_9-10	Solid	10/09/25 08:30	10/09/25 16:58	New York
460-336881-52	50B1_1-2	Solid	10/09/25 08:35	10/09/25 16:58	New York
460-336881-53	50B2_3-4	Solid	10/09/25 08:40	10/09/25 16:58	New York

Sample Summary

Client: Haley & Aldrich, Inc.
Project/Site: Former Port Mobil

Job ID: 460-336881-1

Lab Sample ID	Client Sample ID	Matrix	Collected	Received	Sample Origin
460-336881-54	50B3_2-3	Solid	10/09/25 08:45	10/09/25 16:58	New York
460-336881-55	50B1_4-5	Solid	10/09/25 08:50	10/09/25 16:58	New York
460-336881-56	50B2_5-6	Solid	10/09/25 09:00	10/09/25 16:58	New York
460-336881-57	50B1_6-7	Solid	10/09/25 09:05	10/09/25 16:58	New York
460-336881-58	50B3_7-8	Solid	10/09/25 09:10	10/09/25 16:58	New York
460-336881-59	50C1_1-2	Solid	10/09/25 09:15	10/09/25 16:58	New York
460-336881-60	50C2_2-3	Solid	10/09/25 09:20	10/09/25 16:58	New York
460-336881-61	50C3_4-5	Solid	10/09/25 09:25	10/09/25 16:58	New York
460-336881-62	50C1_5-6	Solid	10/09/25 09:30	10/09/25 16:58	New York
460-336881-63	50C2_7-8	Solid	10/09/25 09:35	10/09/25 16:58	New York
460-336881-64	50C3_5-6	Solid	10/09/25 09:40	10/09/25 16:58	New York
460-336881-65	50C2_6-7	Solid	10/09/25 09:45	10/09/25 16:58	New York
460-336881-66	50D1_3-4	Solid	10/09/25 09:50	10/09/25 16:58	New York
460-336881-67	50D2_1-2	Solid	10/09/25 09:55	10/09/25 16:58	New York
460-336881-68	50D3_4-5	Solid	10/09/25 10:00	10/09/25 16:58	New York
460-336881-69	50D1_5-6	Solid	10/09/25 10:05	10/09/25 16:58	New York
460-336881-70	50D4_6-7	Solid	10/09/25 10:10	10/09/25 16:58	New York
460-336881-71	50D3_9-10	Solid	10/09/25 10:15	10/09/25 16:58	New York
460-336881-72	50D2_8-9	Solid	10/09/25 10:20	10/09/25 16:58	New York

Eurofins Edison
777 New Durham Road
Edison NJ 08817
Phone (732) 549-3900 Phone (732) 549-3679

1-2 (2) coolers

Chain of Custody Record

eurofins
Environment Testing

Client Information	Sampler	Lab PM	Carrier Tracking No(s):	COC No
Client Contact: Sarah Commisso	Phone:	Flannery Elizabeth J E-Mail: Elizabeth.Flannery@et.eurofinsus.com	State of Origin:	460-200961 131534.2 Page: ~~Page 2 of 5~~ 1 / 8
Company: Haley & Aldrich, Inc.	PWSID:			Job #: 336881
Address: 213 West 35th Street, 7th Floor	Due Date Requested:			
City: New York	TAT Requested (days): 5 DAY			
State, Zip: NY 10001	Compliance Project: Δ Yes Δ No			
Phone:	PO #: 0213530 -00 -002-03 ~~0200988-001-001-00~~			
Email: SCommisso@haleyaldrich.com	WO #: 4101 Arthur Kill Road, Staten Island NY			
Project Name: 4101 Arthur Kill Former Port Mobil	Project #: 46042832			
Site:	SSOW#:			

Analysis Requested

Preservation Codes:
N None

SHORT HC

460-336881 Chain of Custody

Sample Identification	Sample Date	Sample Time	Sample Type (C=comp, G=grab)	Matrix (W=water, S=solid, O=waste/oil, BT=Tissue, A=Air, DW=Drinking Water)	Field Filtered Sample (Yes or No)	Perform MS/MSD (Yes or No)	1633A—1633 Standard List 40	8270E, 6020B, 8082A, 8081B, 7471B	Total Number	Special Instructions/Note:
		Preservation Code:				N				
50A_0-5	10/9/25	1025	C	Solid			X	X		1
50A_5-10		1030		Solid						2
50B_0-4		1035		Solid						3
50B_4-8		1040		Solid						4
50C_0-4		1045		Solid						5
50C_4-8		1050		Solid						6
50D_0-5		1055		Solid						7
50D_5-10		1100		Solid						8
3A_0-7		1320		Solid						9
3A ~~3BE~~ 7-14		1325		Solid						10
3BE 0-7		1330		Solid						11

Possible Hazard Identification
☐ Non-Hazard ☐ Flammable ☐ Skin Irritant ☐ Poison B ☐ Unknown ☐ Radiological

Sample Disposal (A fee may be assessed if samples are retained longer than 1 month)
☐ Return To Client ☐ Disposal By Lab ☐ Archive For _____ Months

Deliverable Requested: I, II, III IV Other (specify)

Special Instructions/QC Requirements:

Empty Kit Relinquished by:	Date:	Time:	Method of Shipment:

Relinquished by	Date/Time	Company	Received by	Date/Time	Company
[signature]	10/9/25	FTA	[signature]	10/9/25 15:21	
[signature]	10/9/25 16:50		[signature]	10/9/25 1658	FTA

Custody Seals Intact: Δ Yes Δ No	Custody Seal No. 2-5-2-2 / 1-9-1-6	Cooler Temperature(s) °C and Other Remarks:

Eurofins Edison
777 New Durham Road
Edison, NJ 08817
Phone (732) 549-3900 Phone (732) 549-3679

Chain of Custody Record

eurofins
Environment Testing

Client Information	Sampler: OCT	Lab PM: Flannery, Elizabeth J	Carrier Tracking No(s):	COC No: 460-200961 131534.2
Client Contact: Sarah Commisso	Phone:	E-Mail: Elizabeth.Flannery@et.eurofinsus.com	State of Origin:	Page: Page ~~2 of 5~~ 2 8
Company: Haley & Aldrich, Inc.	PWSID:			Job #: 336881
Address: 213 West 35th Street, 7th Floor	Due Date Requested:			
City: New York	TAT Requested (days): 5 DAY			
State, Zip: NY 10001	Compliance Project: Δ Yes Δ No			
Phone:	PO #: 0213336-001-002-03 ~~0208988-001-001-06~~			
Email: SCommisso@haleyaldrich.com	WO #: 4101 Arthur Kill Road, Staten Island, NY			
Project Name: 4101 Arthur Kill - Former Port Mobil	Project #: 46042832			
Site:	SSOW#:			

Analysis Requested

Preservation Codes: N None; Other

Sample Identification	Sample Date	Sample Time	Sample Type (C=comp, G=grab)	Matrix (W=water, S=solid, O=waste/oil, BT=Tissue, A=Air DW=Drinking Water)	Field Filtered Sample (Yes or No)	Perform MS/MSD (Yes or No)	1633A 1633 Standard List 40	537(0E, 6020B, 8082A, 8081B, 1471B	Total Number of containers	Special Instructions/Note:
			Preservation Code:				N			
~~3E~~ 7-14	10/9/25	1335	C	Solid			X	X		12
3F_0-7	|	1340	|	Solid			|	|		13
3F_7-14	|	1345	|	Solid			|	|		14
3G_0-7	|	1350	|	Solid			|	|		15
3G_7-14	|	1355	|	Solid			|	|		16
				Solid						
				Solid						
				Solid						
				Solid						
				Solid						
				Solid						

Possible Hazard Identification
☐ Non-Hazard ☐ Flammable ☐ Skin Irritant ☐ Poison B ☐ Unknown ☐ Radiological

Sample Disposal (A fee may be assessed if samples are retained longer than 1 month)
☐ Return To Client ☐ Disposal By Lab ☐ Archive For _____ Months

Deliverable Requested: I II, III, IV Other (specify)

Special Instructions/QC Requirements:

Empty Kit Relinquished by:	Date:	Time:	Method of Shipment:

Relinquished by:	Date/Time:	Company	Received by:	Date/Time:	Company
[signature]	10/9/25	HHA	[signature]	10/9/25	
Relinquished by: [signature]	Date/Time: 10/9/25	Company C.C.	Received by: [signature]	Date/Time: 10/9 1650	Company EFA
Relinquished by:	Date/Time:	Company	Received by:	Date/Time:	Company

Custody Seals Intact: Δ Yes Δ No	Custody Seal No.	Cooler Temperature(s) °C and Other Remarks:

Ver: 05/06/2024

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777 New Durham Road
Edison, NJ 08817
Phone (732) 549-3900 Phone (732) 549-3679

Chain of Custody Record

eurofins | Environment Testing

Client Information	Sampler: OCT	Lab PM: Flannery Elizabeth J	Carrier Tracking No(s):	COC No: 460-200961-131534.3
Client Contact: Sarah Commisso	Phone:	E-Mail: Elizabeth.Flannery@et.eurofinsus.com	State of Origin:	Page: Page ~~3 of 5~~ 3/8
Company: Haley & Aldrich, Inc.	PWSID:	Analysis Requested		Job #: 336881
Address: 213 West 35th Street, 7th Floor	Due Date Requested:			Preservation Codes: N None
City: New York	TAT Requested (days): 5 DAY			
State, Zip: NY 10001	Compliance Project: Δ Yes Δ No			
Phone:	PO #: 0213836-001-002-03 ~~0208983-001-001-06~~			
Email: SCommisso@haleyaldrich.com	WO #: 4101 Arthur Kill Road Staten Island, NY			Other
Project Name: 4101 Arthur Kill Former Port Mobil	Project #: 46042832			
Site:	SSOW#:			

Sample Identification	Sample Date	Sample Time	Sample Type (C=comp, G=grab)	Matrix (W=water, S=solid, O=waste/oil, BT=Tissue, A=Air, DW=Drinking Water)	Field Filtered Sample (Yes or No)	Perform MS/MSD (Yes or No)	1633A_1633_Standard_list40	$2100D TCL Part 375 VOCs	Total Number of containers	Special Instructions/Note:
			Preservation Code:				N			
3A1_2-3	10/9/25	1105	G	Solid				X		17
3A2_1-2		1110		Solid						18
3A3_6-7		1115		Solid						19
3A1_8-9		1120		Solid						20
3A2_10-11		1125		Solid						21
3A3_12-13		1130		Solid						22
3A2_4-5		1102		Solid						23
3F1_3-4		1135		Solid						24
3F2_1-2		1140		Solid						25
3F3_6-7		1145		Solid						26
3F1_5-6		1150		Solid						27

Possible Hazard Identification
☐ Non-Hazard ☐ Flammable ☐ Skin Irritant ☐ Poison B ☐ Unknown ☐ Radiological

Sample Disposal (A fee may be assessed if samples are retained longer than 1 month)
☐ Return To Client ☐ Disposal By Lab ☐ Archive For _____ Months

Deliverable Requested: I, II, III, IV Other (specify)

Special Instructions/QC Requirements:

Empty Kit Relinquished by:	Date:	Time:	Method of Shipment:

Relinquished by:	Date/Time:	Company	Received by:	Date/Time:	Company
Omar Colon	10/9/25	H+A		10/9/25	
Relinquished by:	Date/Time:	Company	Received by:	Date/Time:	Company
	10/09/25	H+A		10/9 1650	ETA
Relinquished by:	Date/Time:	Company	Received by:	Date/Time:	Company

Custody Seals Intact: Δ Yes Δ No	Custody Seal No.	Cooler Temperature(s) °C and Other Remarks:

Ver: 05/06/2024

Eurofins Edison
777 New Durham Road
Edison NJ 08817
Phone (732) 549-3900 Phone (732) 549-3679

Chain of Custody Record

eurofins
Environment Testing

Client Information	Sampler: OCT	Lab PM: Flannery Elizabeth J	Carrier Tracking No(s):	COC No: 460-200961 131534.3
Client Contact: Sarah Commisso	Phone:	E-Mail: Elizabeth.Flannery@et.eurofinsus.com	State of Origin:	Page: ~~Page 3 of 5~~ 4/8
Company: Haley & Aldrich, Inc.	PWSID:			Job #: 326881
Address: 213 West 35th Street, 7th Floor	Due Date Requested:			
City: New York	TAT Requested (days): 5 DAY			
State, Zip: NY 10001	Compliance Project: Δ Yes Δ No			
Phone:	PO #: 0213836-001-002-03 0208938-001-001-06			
Email: SCommisso@haleyaldrich.com	WO #: 4101 Arthur Kill Road, Staten Island, NY			
Project Name: 4101 Arthur Kill Former Port Mobil	Project #: 46042832			
Site:	SSOW#:			

Analysis Requested

Preservation Codes: N None; Other

Sample Identification	Sample Date	Sample Time	Sample Type (C=comp, G=grab)	Matrix (W=water, S=solid, O=waste/oil, BT=Tissue, A=Air, DW=Drinking Water)	Field Filtered Sample (Yes or No)	Perform MS/MSD (Yes or No)	1633A_1633_Standard_List_40	8260D TCL / Part 375 VOCs	Total Number of containers	Special Instructions/Note:
			Preservation Code:			N				
3F2_11-12	10/9/25	1155	G	Solid				X		28
3F3_7-8		1200		Solid						29
3F2_12-13		1205		Solid						30
3E1_2-3		1210		Solid						31
3E2_4-5		1215		Solid						32
3E3_6-7		1220		Solid						33
3E1_8-9		1225		Solid						34
3E2_7-8		1230		Solid						35
3E3_11-12		1235		Solid						36
3E3_13-14		1240		Solid						37
3G1_1-2		1245		Solid						38

Possible Hazard Identification: ☐ Non-Hazard ☐ Flammable ☐ Skin Irritant ☐ Poison B ☐ Unknown ☐ Radiological

Sample Disposal (A fee may be assessed if samples are retained longer than 1 month): ☐ Return To Client ☐ Disposal By Lab ☐ Archive For _____ Months

Deliverable Requested: I II, III, IV Other (specify)

Special Instructions/QC Requirements:

Empty Kit Relinquished by:	Date:	Time:	Method of Shipment:

	Relinquished by:	Date/Time:	Company	Received by:	Date/Time:	Company
1	UMAIL Colon	10/9/25	H+A		10/9 1720	
2		10/9/25 1720	ICD		10/9 1650	ETA
3						

Custody Seals Intact: Δ Yes Δ No | Custody Seal No.:

Cooler Temperature(s) °C and Other Remarks:

Ver: 05/06/2024

Eurofins Edison
777 New Durham Road
Edison NJ 08817
Phone (732) 549-3900 Phone (732) 549-3679

Chain of Custody Record

eurofins Environment Testing

Client Information	Sampler: OCT	Lab PM: Flannery Elizabeth J	Carrier Tracking No(s):	COC No: 460-200961-131534.4
Client Contact: Sarah Commisso	Phone:	E-Mail: Elizabeth.Flannery@et.eurofinsus.com	State of Origin:	Page: Page ~~1 of 5~~ 5/8
Company: Haley & Aldrich, Inc.	PWSID:	Analysis Requested		Job #: 33688/
Address: 213 West 35th Street, 7th Floor	Due Date Requested:			Preservation Codes: N None
City: New York	TAT Requested (days): 5 DAY			
State, Zip: NY 10001	Compliance Project: Δ Yes Δ No			
Phone:	PO #: 0213330-001-002-03 ~~0208988-001-001-06~~			
Email: SCommisso@haleyaldrich.com	WO #: 4101 Arthur Kill Road Staten Island, NY			
Project Name: 4101 Arthur Kill Former Port Mobil	Project #: 46042832			
Site:	SSOW#:			Other:

Sample Identification	Sample Date	Sample Time	Sample Type (C=comp, G=grab)	Matrix (W=water, S=solid, O=waste/oil, BT=Tissue, A=Air DW=Drinking Water)	Field Filtered Sample (Yes or No)	Perform MS/MSD (Yes or No)	1633A_1633 Standard List-40	8260D TCL/PAH 375 VOCs	Total Number of containers	Special Instructions/Note:
			Preservation Code:			N				
3G2_4-5	10/9/25	1250	G	Solid				X		39
3G3_3-4		1255		Solid						40
3G1_7-8		1300		Solid						41
3G2_10-11		1305		Solid						42
3G3_9-10		1310		Solid						43
3G1_13-14		1315		Solid						44
50A1_1-2		800		Solid						45
50A2_2-3		805		Solid						46
50A3_3-4		810		Solid						47
50A4_5-6		815		Solid						48
50A1_8-9		820		Solid						49

Possible Hazard Identification
☐ Non-Hazard ☐ Flammable ☐ Skin Irritant ☐ Poison B ☐ Unknown ☐ Radiological

Sample Disposal (A fee may be assessed if samples are retained longer than 1 month)
☐ Return To Client ☐ Disposal By Lab ☐ Archive For _____ Months

Deliverable Requested: I, II, III, IV, Other (specify)

Special Instructions/QC Requirements:

Empty Kit Relinquished by:	Date:	Time:	Method of Shipment:

Relinquished by:	Date/Time:	Company	Received by:	Date/Time:	Company
[illegible]	10/9/25	H+A	[illegible]	10/9/25	
Relinquished by:	Date/Time:	Company	Received by:	Date/Time:	Company
[illegible]	10/09/25	H+A	[illegible]	10/9 1650	ET
Relinquished by:	Date/Time:	Company	Received by:	Date/Time:	Company

Custody Seals Intact: Δ Yes Δ No	Custody Seal No.	Cooler Temperature(s) °C and Other Remarks:

Ver: 05/06/2024

Eurofins Edison
777 New Durham Road
Edison NJ 08817
Phone (732) 549-3900 Phone (732) 549-3679

Chain of Custody Record

eurofins

Client Information	Sampler: OCT	Lab PM: Flannery Elizabeth J	Carrier Tracking No(s):	COC No: 460-200961-131534.4
Client Contact: Sarah Commisso	Phone:	E-Mail: Elizabeth.Flannery@et.eurofinsus.com	State of Origin:	Page: Page ~~4 of 5~~ 6 of 8
Company: Haley & Aldrich, Inc.	PWSID:			Job #: 336881
Address: 213 West 35th Street, 7th Floor	Due Date Requested:			Preservation Codes: N None
City: New York	TAT Requested (days): 5 DAY			
State, Zip: NY 10001	Compliance Project: Δ Yes Δ No			
Phone:	PO #: 0213836-001 002 03 ~~0208288-001-001-00~~			
Email: SCommisso@haleyaldrich.com	WO #: 4101 Arthur Kill Road, Staten Island, NY			
Project Name: 4101 Arthur Kill Former Port Mobil	Project #: 46042832			
Site:	SSOW#:			Other

Analysis Requested: 8260D TCL-Lite Part 375 VOCs

Sample Identification	Sample Date	Sample Time	Sample Type (C=comp, G=grab)	Matrix (W=water, S=solid, O=waste/oil, BT=Tissue, A=Air, DW=Drinking Water)	Field Filtered Sample (Yes or No)	Perform MS/MSD (Yes or No)	~~1633A, 1633 Standard List 40~~	8260D TCL-Lite Part 375 VOCs	Total Number of containers	Special Instructions/Note:
			Preservation Code:			N				
SOA2_7-8	10/9/25	825	G	Solid				X		SD
SOA4_9-10		830		Solid						S1
SOB1_1-2		835		Solid						S2
SOB2_3-4		840		Solid						S3
SOB3_2-3		845		Solid						S4
SOB1_4-5		850		Solid						S5
SOB2_5-6		900 ~~855~~		Solid						S6
SOB1_6-7		905 ~~900~~		Solid						S7
SOB3_7-8		910 ~~905~~		Solid						S8
SOC1_1-2		915 ~~910~~		Solid						S9
SOC2_2-3		920 ~~915~~		Solid						S10

Possible Hazard Identification
☐ Non-Hazard ☐ Flammable ☐ Skin Irritant ☐ Poison B ☐ Unknown ☐ Radiological

Sample Disposal (A fee may be assessed if samples are retained longer than 1 month)
☐ Return To Client ☐ Disposal By Lab ☐ Archive For _____ Months

Deliverable Requested: I II, III IV Other (specify)

Special Instructions/QC Requirements:

Empty Kit Relinquished by:	Date:	Time:	Method of Shipment:

Relinquished by:	Date/Time: 10/9/25	Company: HAA	Received by:	Date/Time: 10/9/25	Company
Relinquished by:	Date/Time: 10/9/25	Company: GSO	Received by:	Date/Time: 10/9 1650	Company: ESK
Relinquished by:	Date/Time:	Company	Received by:	Date/Time:	Company

Custody Seals Intact: Δ Yes Δ No	Custody Seal No.	Cooler Temperature(s) °C and Other Remarks:

Ver: 05/06/2024

Eurofins Edison
777 New Durham Road
Edison, NJ 08817
Phone (732) 549-3900 Phone (732) 549-3679

Chain of Custody Record

eurofins
Environment Testing

Client Information	Sampler: KRD	Lab PM: Flannery Elizabeth J	Carrier Tracking No(s):	COC No: 460-200961-131534.5
Client Contact: Sarah Commisso	Phone:	E-Mail: Elizabeth.Flannery@et.eurofinsus.com	State of Origin:	Page: Page ~~5 of 5~~ 7/8
Company: Haley & Aldrich, Inc.	PWSID:			Job #: 336881
Address: 213 West 35th Street, 7th Floor	Due Date Requested:			
City: New York	TAT Requested (days): 5 DAY			
State, Zip: NY 10001	Compliance Project: Δ Yes Δ No			
Phone:	PO #: 0213336-001-002-03 0208988-001-001-06			
Email: SCommisso@haleyaldrich.com	WO #: 4101 Arthur Kill Road Staten Island, NY			
Project Name: 4101 Arthur Kill Former Port Mobil	Project #: 46042832			
Site:	SSOW#:			

Analysis Requested

Preservation Codes: N None; Other

Sample Identification	Sample Date	Sample Time	Sample Type (C=comp, G=grab)	Matrix (W=water, S=solid, O=waste/oil, BT=Tissue, A=Air, DW=Drinking Water)	Field Filtered Sample (Yes or No)	Perform MS/MSD (Yes or No)	1633A_1633 Standard_List 40	8260D TCL/Part 375 VOCs	Total Number of containers	Special Instructions/Note:
			Preservation Code:							
SOC3_4-5	10/9/25	925	G	Solid						61
SOC1_5-6		930		Solid						62
SOC2_7-8		935		Solid						63
SOC3_5-6		940		Solid						64
SOC2_6-7		945		Solid						65
SOD1_3-4		950		Solid						66
SOD2_1-2		955								67
SOD3_4-5		1000								68
SOD1_5-6		1005								69
SOD~~2~~4_6-7		1010								70
SOD3_9-10		1015								71

Possible Hazard Identification
☐ Non-Hazard ☐ Flammable ☐ Skin Irritant ☐ Poison B ☐ Unknown ☐ Radiological

Sample Disposal (A fee may be assessed if samples are retained longer than 1 month)
☐ Return To Client ☐ Disposal By Lab ☐ Archive For _____ Months

Deliverable Requested: I, II, III, IV, Other (specify)

Special Instructions/QC Requirements:

Empty Kit Relinquished by:	Date:	Time:	Method of Shipment:

	Relinquished by:	Date/Time:	Company	Received by:	Date/Time:	Company
1	[signature]	10/9/25	H&A	[signature]	10/09/25	
2	[signature]	10/09/25	TC-50	[signature]	10/9 1650	ETA
3						

Custody Seals Intact: Δ Yes Δ No | Custody Seal No.:

Cooler Temperature(s) °C and Other Remarks:

Ver: 05/06/2024

Eurofins Edison
777 New Durham Road
Edison NJ 08817
Phone (732) 549-3900 Phone (732) 549-3679

Chain of Custody Record

eurofins Environment Testing

Client Information	Sampler: OCT	Lab PM: Flannery Elizabeth J	Carrier Tracking No(s):	COC No: 460-200961-131534.5
Client Contact: Sarah Commisso	Phone:	E-Mail: Elizabeth.Flannery@et.eurofinsus.com	State of Origin:	Page: Page 5 of 5 — 818
Company: Haley & Aldrich Inc.	PWSID:			Job #: 336881
Address: 213 West 35th Street, 7th Floor	Due Date Requested:			
City: New York	TAT Requested (days): 5 DAY			
State, Zip: NY 10001	Compliance Project: Δ Yes Δ No			
Phone:	PO #: 0213836-001-002-03 / 0208988-001-001-06			
Email: SCommisso@haleyaldrich.com	WO #: 4101 Arthur Kill Road, Staten Island, NY			
Project Name: 4101 Arthur Kill Former Port Mobil	Project #: 46042832			
Site:	SSOW#:			

Analysis Requested

Preservation Codes: N None; Other

Sample Identification	Sample Date	Sample Time	Sample Type (C=comp, G=grab)	Matrix (W=water, S=solid, O=waste/oil, BT=Tissue, A=Air, DW=Drinking Water)	Field Filtered Sample (Yes or No)	Perform MS/MSD (Yes or No)	1633A - 1633 Standard List-40	8260D TCL PCVT 375 VOCs	Total Number of containers	Special Instructions/Note:
			Preservation Code:			N				
SOD2_8-9	10/9/25	1020	G	Solid				X		72
				Solid						
				Solid						
				Solid						
				Solid						
				Solid						

Possible Hazard Identification
☐ Non-Hazard ☐ Flammable ☐ Skin Irritant ☐ Poison B ☐ Unknown ☐ Radiological

Sample Disposal (A fee may be assessed if samples are retained longer than 1 month)
☐ Return To Client ☐ Disposal By Lab ☐ Archive For _____ Months

Deliverable Requested: I II III IV Other (specify)

Special Instructions/QC Requirements:

Empty Kit Relinquished by:	Date:	Time:	Method of Shipment:

	Relinquished by	Date/Time	Company	Received by	Date/Time	Company
1	David Colon	10/9/25	H&A		10/9/25	
2		10/09/25	ECSC		10/9 1650	EFB
3						

Custody Seals Intact: Δ Yes Δ No | Custody Seal No.:

Cooler Temperature(s) °C and Other Remarks:

Ver: 06/06/2024

Eurofins TestAmerica Edison
Receipt Temperature and pH Log

Page ____ of ____

Job Number: 376881

Number of Coolers: 2 IR Gun # 9

Cooler Temperatures

	RAW	CORRECTED		RAW	CORRECTED		RAW	CORRECTED
Cooler #1:	2.9 °C	2.2 °C	Cooler #4:	°C	°C	Cooler #7:	°C	°C
Cooler #2:	1.9 °C	1.6 °C	Cooler #5:	°C	°C	Cooler #8:	°C	°C
Cooler #3:	°C	°C	Cooler #6:	°C	°C	Cooler #9:	°C	°C

TALS Sample Number	Ammonia (pH<2)	COD (pH<2)	Nitrate Nitrite (pH<2)	Metals* (pH<2)	Hardness (pH<2)	Pest (pH 5-9)	EPH or QAM (pH<2)	Phenols (pH<2)	Sulfide (pH>9)	TKN (pH<2)	TOC (pH<2)	Total Cyanide (pH>12)	Total Phos (pH<2)	Other	Other

If pH adjustments are required record the information below:

Sample No(s). adjusted: _____

Preservative Name/Conc. _____ Volume of Preservative used (ml) _____

Lot # of Preservative(s): _____ Expiration Date: _____

The appropriate Project Manager and Department Manager should be notified about the samples which were pH adjusted.

** Samples for Metal analysis which are out of compliance must be acidified at least 24 hours prior to analysis.*

EDS-WI-038, Rev 4.1
10/22/2019

Initials: _____ Date: 10/09/25

Eurofins Edison
777 New Durham Road
Edison, NJ 08817
Phone: 732-549-3900 Fax: 732-549-3679

Chain of Custody Record

eurofins | Environment Testing

Client Information (Sub Contract Lab)	Sampler: N/A	Lab PM: Flannery, Elizabeth J	Carrier Tracking No(s): N/A	COC No: 460-75629.1
Client Contact: Shipping/Receiving	Phone: N/A	E-Mail: Elizabeth.Flannery@et.eurofinsus.com	State of Origin: New York	Page: Page 1 of 2
Company: Eurofins Lancaster Laboratories Environm		Accreditations Required (See note): NELAP - New York		Job #: 460-336881-1
Address: 2425 New Holland Pike, ,	Due Date Requested: 10/16/2025			Preservation Codes: -
City: Lancaster	TAT Requested (days): N/A			
State, Zip: PA, 17601				
Phone: 717-656-2300(Tel)	PO #: N/A			
Email: N/A	WO #: N/A			
Project Name: 4101 Arthur Kill - Former Port Mobil	Project #: 46042832			
Site: N/A	SSOW#: N/A			Other: N/A

Analysis Requested

Sample Identification - Client ID (Lab ID)	Sample Date	Sample Time	Sample Type (C=Comp, G=grab)	Matrix (W=water, S=solid, O=waste/oil, BT=Tissue, A=Air)	Field Filtered Sample (Yes or No)	Perform MS/MSD (Yes or No)	1633A/1633A_Shake1633 Standard List 40	Total Number of containers	Special Instructions/Note:
			Preservation Code:						
50A_0-5 (460-336881-1)	10/9/25	10:25 Eastern	G	Solid			X	1	
50A_5-10 (460-336881-2)	10/9/25	10:30 Eastern	G	Solid			X		
50B_0-4 (460-336881-3)	10/9/25	10:35 Eastern	G	Solid			X		
50B_4-8 (460-336881-4)	10/9/25	10:40 Eastern	G	Solid			X		
50C_0-4 (460-336881-5)	10/9/25	10:45 Eastern	G	Solid			X		
50C_4-8 (460-336881-6)	10/9/25	10:50 Eastern	G	Solid			X		
50D_0-5 (460-336881-7)	10/9/25	10:55 Eastern	G	Solid			X		
50D_5-10 (460-336881-8)	10/9/25	11:00 Eastern	G	Solid			X		
3A_0-7 (460-336881-9)	10/9/25	13:20 Eastern	G	Solid			X		

Note: Since laboratory accreditations are subject to change, Eurofins Environment Testing Northeast, LLC places the ownership of method, analyte & accreditation compliance upon our subcontract laboratories. This sample shipment is forwarded under chain-of-custody. If the laboratory does not currently maintain accreditation in the State of Origin listed above for analysis/tests/matrix being analyzed, the samples must be shipped back to the Eurofins Environment Testing Northeast, LLC laboratory or other instructions will be provided. Any changes to accreditation status should be brought to Eurofins Environment Testing Northeast, LLC attention immediately. If all requested accreditations are current to date, return the signed Chain of Custody attesting to said compliance to Eurofins Environment Testing Northeast, LLC.

Possible Hazard Identification	*Sample Disposal (A fee may be assessed if samples are retained longer than 1 month)*
Unconfirmed	☐ *Return To Client* ☐ *Disposal By Lab* ☐ *Archive For* _____ *Months*
Deliverable Requested: I, II, III, IV, Other (specify) Primary Deliverable Rank: 1	Special Instructions/QC Requirements:

Empty Kit Relinquished by:	Date:	Time:	Method of Shipment:

	Relinquished by:	Date/Time:	Company	Received by:	Date/Time:	Company
1		10/13/25 1615			10/13/25 1615	
2		10/13/25 1932				
3				ALEXP	10/13/25 1932	

Custody Seals Intact: Δ Yes Δ No	Custody Seal No.:	Cooler Temperature(s) °C and Other Remarks: R: 1.1 C: 1.0

SF

Ver: 10/10/2024

Eurofins Edison
777 New Durham Road
Edison, NJ 08817
Phone: 732-549-3900 Fax: 732-549-3679

Chain of Custody Record

eurofins | Environment Testing

Client Information (Sub Contract Lab)	Sampler: N/A	Lab PM: Flannery, Elizabeth J	Carrier Tracking No(s): N/A	COC No: 460-75629.2
Client Contact: Shipping/Receiving	Phone: N/A	E-Mail: Elizabeth.Flannery@et.eurofinsus.com	State of Origin: New York	Page: Page 2 of 2
Company: Eurofins Lancaster Laboratories Environm		Accreditations Required (See note): NELAP - New York		Job #: 460-336881-1
Address: 2425 New Holland Pike, ,	Due Date Requested: 10/16/2025			Preservation Codes: -
City: Lancaster	TAT Requested (days): N/A			
State, Zip: PA, 17601				
Phone: 717-656-2300(Tel)	PO #: N/A			
Email: N/A	WO #: N/A			
Project Name: 4101 Arthur Kill - Former Port Mobil	Project #: 46042832			
Site: N/A	SSOW#: N/A			Other: N/A

Sample Identification - Client ID (Lab ID)	Sample Date	Sample Time	Sample Type (C=comp, G=grab)	Matrix (W=water, S=solid, O=waste/oil, BT=Tissue, A=Air)	Field Filtered Sample (Yes or No)	Perform MS/MSD (Yes or No)	1633A/1633A_Shake1633 Standard List 40	Total Number of containers	Special Instructions/Note:
			Preservation Code:						
3A_7-14 (460-336881-10)	10/9/25	13:25 Eastern	G	Solid			X	1	
3B_0-7 (460-336881-11)	10/9/25	13:30 Eastern	G	Solid			X	1	
3B_7-14 (460-336881-12)	10/9/25	13:35 Eastern	G	Solid			X	1	
3F_0-7 (460-336881-13)	10/9/25	13:40 Eastern	G	Solid			X	1	
3F_7-14 (460-336881-14)	10/9/25	13:45 Eastern	G	Solid			X	1	
3G_0-7 (460-336881-15)	10/9/25	13:50 Eastern	G	Solid			X	1	
3G_7-14 (460-336881-16)	10/9/25	13:55 Eastern	G	Solid			X	1	

Note: Since laboratory accreditations are subject to change, Eurofins Environment Testing Northeast, LLC places the ownership of method, analyte & accreditation compliance upon our subcontract laboratories. This sample shipment is forwarded under chain-of-custody. If the laboratory does not currently maintain accreditation in the State of Origin listed above for analysis/tests/matrix being analyzed, the samples must be shipped back to the Eurofins Environment Testing Northeast, LLC laboratory or other instructions will be provided. Any changes to accreditation status should be brought to Eurofins Environment Testing Northeast, LLC attention immediately. If all requested accreditations are current to date, return the signed Chain of Custody attesting to said compliance to Eurofins Environment Testing Northeast, LLC.

Possible Hazard Identification	Sample Disposal (A fee may be assessed if samples are retained longer than 1 month)
Unconfirmed	☐ Return To Client ☐ Disposal By Lab ☐ Archive For _____ Months
Deliverable Requested: I, II, III, IV, Other (specify) Primary Deliverable Rank: 1	Special Instructions/QC Requirements:

Empty Kit Relinquished by:	Date:	Time:	Method of Shipment:

	Relinquished by:	Date/Time:	Company	Received by:	Date/Time:	Company
1		10/13/25 1615			10/13/25 1615	EL
2		10/13/25 1932	EL			
3				ALEXP	10/13/25	ELLET

Custody Seals Intact: Δ Yes Δ No	Custody Seal No.:	Cooler Temperature(s) °C and Other Remarks: R: 1.1 C: 1.0

SF

Ver: 10/10/2024

Login Sample Receipt Checklist

Client: Haley & Aldrich, Inc.

Job Number: 460-336881-1

Login Number: 336881
List Number: 1
Creator: Thundathorn, Sukanan 1

List Source: Eurofins Edison

Question	Answer	Comment
Radioactivity wasn't checked or is </= background as measured by a survey meter.	N/A	
The cooler's custody seal, if present, is intact.	True	
Sample custody seals, if present, are intact.	True	
The cooler or samples do not appear to have been compromised or tampered with.	True	
Samples were received on ice.	True	
Cooler Temperature is acceptable.	True	
Cooler Temperature is recorded.	True	
COC is present.	True	
COC is filled out in ink and legible.	True	
COC is filled out with all pertinent information.	True	
Is the Field Sampler's name present on COC?	True	
There are no discrepancies between the containers received and the COC.	True	
Samples are received within Holding Time (excluding tests with immediate HTs)	True	
Sample containers have legible labels.	True	
Containers are not broken or leaking.	True	
Sample collection date/times are provided.	True	
Appropriate sample containers are used.	True	
Sample bottles are completely filled.	True	
Sample Preservation Verified.	True	
There is sufficient vol. for all requested analyses, incl. any requested MS/MSDs	True	
Containers requiring zero headspace have no headspace or bubble is <6mm (1/4").	True	
Multiphasic samples are not present.	True	
Samples do not require splitting or compositing.	True	
Residual Chlorine Checked.	N/A	

Login Sample Receipt Checklist

Client: Haley & Aldrich, Inc.

Job Number: 460-336881-1

Login Number: 336881
List Number: 2
Creator: Fuehrer, Stephanie

List Source: Eurofins Lancaster Laboratories Environment Testing, LLC
List Creation: 10/14/25 07:15 AM

Question	Answer	Comment
The cooler's custody seal is intact.	N/A	
The cooler or samples do not appear to have been compromised or tampered with.	True	
Samples were received on ice.	True	
Cooler Temperature acceptable,where thermal pres is required(</=6C, not frozen).	True	
Cooler Temperature is recorded.	True	
WV:Container Temp acceptable,where thermal pres is required (</=6C, not frozen).	N/A	
WV: Container Temperature is recorded.	N/A	
COC is present.	True	
COC is filled out in ink and legible.	True	
COC is filled out with all pertinent information.	True	
There are no discrepancies between the containers received and the COC.	True	
Sample containers have legible labels.	True	
Containers are not broken or leaking.	True	
Sample collection date/times are provided.	True	
Appropriate sample containers are used.	True	
Sample bottles are completely filled.	True	
There is sufficient vol. for all requested analyses.	True	
Is the Field Sampler's name present on COC?	False	Received project as a subcontract.
Sample custody seals are intact.	N/A	
VOA sample vials do not have headspace >6mm in diameter (none, if from WV)?	N/A	

eurofins | Environment Testing

ANALYTICAL REPORT

PREPARED FOR

Attn: Sarah Commisso
Haley & Aldrich, Inc.
213 West 35th Street, 7th Floor
New York, New York 10001

Generated 10/27/2025 9:46:26 AM

JOB DESCRIPTION

Former Port Mobil

JOB NUMBER

460-337049-1

Eurofins Edison
777 New Durham Road
Edison NJ 08817

See page two for job notes and contact information.

myEOL

Eurofins Edison

Job Notes

This report may not be reproduced except in full, and with written approval from the laboratory. The results relate only to the samples tested. For questions please contact the Project Manager at the e-mail address or telephone number listed on this page.

The test results in this report relate only to the samples as received by the laboratory and will meet all requirements of the methodology, with any exceptions noted. This report shall not be reproduced except in full, without the express written approval of the laboratory. All questions should be directed to the Eurofins Environment Testing Northeast, LLC Project Manager.

Compliance Statement

I certify that this data package is in compliance with the terms and conditions of the contract, both technically and for completeness, for other than the conditions detailed within the body of this report. Release of the data contained in this sample data package and in the electronic data deliverable has been authorized by the Laboratory Manager or his/her designee, as verified by the following signature.

Authorization

Generated
10/27/2025 9:46:26 AM

Authorized for release by
Elizabeth Flannery, Project Manager I
Elizabeth.Flannery@et.eurofinsus.com
(732)549-3900

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Qualifiers

GC/MS VOA

Qualifier	Qualifier Description
*	LCS or LCSD is outside acceptance limits.
J	Indicates an estimated value.
U	Analyzed for but not detected.

GC/MS Semi VOA

Qualifier	Qualifier Description
*	MS or MSD is outside acceptance limits.
*	RPD of the LCS and LCSD exceeds the control limits
*	LCS or LCSD is outside acceptance limits.
E	Compound concentration exceeds the upper level of the calibration range of the instrument for that specific analysis.
J	Indicates an estimated value.
U	Analyzed for but not detected.

GC Semi VOA

Qualifier	Qualifier Description
*	Surrogate is outside acceptance limits.
J	Indicates an estimated value.
U	Analyzed for but not detected.

LCMS

Qualifier	Qualifier Description
*	Isotope Dilution analyte is outside acceptance limits.
J	Indicates an estimated value.
U	Analyzed for but not detected.

Metals

Qualifier	Qualifier Description
*	Duplicate analysis not within control limits.
4	MS, MSD: The analyte present in the original sample is greater than 4 times the matrix spike concentration; therefore, control limits are not applicable.
J	Sample result is greater than the MDL but below the CRDL
N	Spiked sample recovery is not within control limits.
U	Indicates analyzed for but not detected.

General Chemistry

Qualifier	Qualifier Description
*	Duplicate analysis not within control limits.

Glossary

Abbreviation	These commonly used abbreviations may or may not be present in this report.
☼	Listed under the "D" column to designate that the result is reported on a dry weight basis
%R	Percent Recovery
CFL	Contains Free Liquid
CFU	Colony Forming Unit
CNF	Contains No Free Liquid
DER	Duplicate Error Ratio (normalized absolute difference)
Dil Fac	Dilution Factor
DL	Detection Limit (DoD/DOE)
DL, RA, RE, IN	Indicates a Dilution, Re-analysis, Re-extraction, or additional Initial metals/anion analysis of the sample
DLC	Decision Level Concentration (Radiochemistry)
EDL	Estimated Detection Limit (Dioxin)
LOD	Limit of Detection (DoD/DOE)
LOQ	Limit of Quantitation (DoD/DOE)
MCL	EPA recommended "Maximum Contaminant Level"
MDA	Minimum Detectable Activity (Radiochemistry)
MDC	Minimum Detectable Concentration (Radiochemistry)

Glossary (Continued)

Abbreviation	These commonly used abbreviations may or may not be present in this report.
MDL	Method Detection Limit
ML	Minimum Level (Dioxin)
MPN	Most Probable Number
MQL	Method Quantitation Limit
NC	Not Calculated
ND	Not Detected at the reporting limit (or MDL or EDL if shown)
NEG	Negative / Absent
POS	Positive / Present
PQL	Practical Quantitation Limit
PRES	Presumptive
QC	Quality Control
RER	Relative Error Ratio (Radiochemistry)
RL	Reporting Limit or Requested Limit (Radiochemistry)
RPD	Relative Percent Difference, a measure of the relative difference between two points
TEF	Toxicity Equivalent Factor (Dioxin)
TEQ	Toxicity Equivalent Quotient (Dioxin)
TNTC	Too Numerous To Count

Job Narrative
460-337049-1

The analytical test results presented in this report meet all requirements of the associated regulatory program listed on the Accreditation/Certification Summary Page, unless otherwise noted. Data qualifiers and/or narrative comments are included to explain any exceptions, if applicable. Regulated compliance samples (e.g. SDWA, NPDES) must comply with associated agency requirements/permits.

- Matrix-specific batch QC (e.g., MS, MSD, SD) may not be reported when insufficient sample volume is available or when site-specific QC samples are not submitted. In such cases, a Laboratory Control Sample Duplicate (LCSD) may be analyzed to provide precision data for the batch.
- For samples analyzed using surrogate and/or isotope dilution analytes, any recoveries falling outside of established acceptance criteria are re-prepared and/or re-analyzed to confirm results, unless the deviation is due to sample dilution or otherwise explained in the case narrative.

Receipt
The samples were received on 10/10/2025 5:30 PM. Unless otherwise noted below, the samples arrived in good condition, and, where required, properly preserved and on ice. The temperatures of the 2 coolers at receipt time were 0.7°C and 0.7°C.

Receipt Exceptions
Insufficient sample volume was provided for the following sample for the VOC and Percent solids analysis: 52E1_4-5 (460-337049-60). All containers were received empty.

Insufficient sample volume was provided for the following sample for the MOISTURE analysis: 52A1_7-8 (460-337049-35). Percent Solids container not received.

Method 8260D - Volatile Organic Compounds by GC/MS
Samples 52A_0-4 (460-337049-1), 52A_4-8 (460-337049-2), 52B_0-4 (460-337049-3), 52B_4-8 (460-337049-4), 52C_0-4 (460-337049-5), 52C_4-8 (460-337049-6), 52D_0-4 (460-337049-7), 52D_4-8 (460-337049-8), 52E_0-4 (460-337049-9), 52E_4-8 (460-337049-10), 51A_0-4 (460-337049-11), 51A_4-8 (460-337049-12), 51B_0-4 (460-337049-13), 51B_4-8 (460-337049-14), 51A1_3-4 (460-337049-15), 51A2_1-2 (460-337049-16), 51A3_2-3 (460-337049-17), 51A4_4-5 (460-337049-18), 51A5_5-6 (460-337049-19), 51A1_6-7 (460-337049-20), 51A2_3-4 (460-337049-21), 51B1_1-2 (460-337049-22), 51B2_2-3 (460-337049-23), 51B3_4-5 (460-337049-24), 51B4_5-6 (460-337049-25), 51B5_7-8 (460-337049-26), 51B1_5-6 (460-337049-27), 51B3_6-7 (460-337049-28), 52A1_1-2 (460-337049-29), 52A2_3-4 (460-337049-30), 52A3_2-3 (460-337049-31), 52A1_4-5 (460-337049-32), 52A2_5-6 (460-337049-33), 52A3_6-7 (460-337049-34), 52A1_7-8 (460-337049-35), 52B1_1-2 (460-337049-36), 52B2_2-3 (460-337049-37), 52B3_3-4 (460-337049-38), 52B1_5-6 (460-337049-39), 52B2_7-8 (460-337049-40), 52B3_4-5 (460-337049-41), 52B2_4-5 (460-337049-42), 52C1_2-3 (460-337049-43), 52C2_1-2 (460-337049-44), 52C3_4-5 (460-337049-45), 52C1_6-7 (460-337049-46), 52C2_5-6 (460-337049-47), 52C_7-8 (460-337049-48), 52C3_2-3 (460-337049-49), 52D1_3-4 (460-337049-50), 52D2_1-2 (460-337049-51), 52D3_4-5 (460-337049-52), 52D1_5-6 (460-337049-53), 52D2_7-8 (460-337049-54), 52D3_5-6 (460-337049-55), 52D1_2-3 (460-337049-56), 52E1_2-3 (460-337049-57), 52E2_3-4 (460-337049-58), 52E3_1-2 (460-337049-59), 52E2_7-8 (460-337049-61), 52E3_6-7 (460-337049-62) and 52E2_5-6 (460-337049-63) were analyzed for Volatile Organic Compounds by GC/MS. The samples were prepared on 10/14/2025 and analyzed on 10/14/2025, 10/15/2025 and 10/16/2025.

The continuing calibration verification (CCV) analyzed in batch 460-1068241 was outside the method criteria for the following analyte(s): Dichlorodifluoromethane (biased high); 1,2-Dichloroethane, 1,1,1-Trichloroethane, Carbon tetrachloride and Methyl acetate (biased low). A CCV standard at or below the reporting limit (RL) was analyzed with the affected samples and found to be acceptable. As indicated in the reference method, sample analysis may proceed; however, any detection for the affected analyte(s) is considered estimated.

The laboratory control sample duplicate (LCSD) for analytical batch 460-1068241 recovered outside control limits for the following analyte: Dichlorodifluoromethane. This analyte was biased high in the LCSD and was not detected in the associated samples; therefore, the data have been reported.

The continuing calibration verification (CCV) analyzed in batch 460-1068238 was outside the method criteria for the following analyte(s): 1,2-Dichloroethane and Carbon tetrachloride (biased low); Dichlorodifluoromethane (biased high). A CCV standard at or below the reporting limit (RL) was analyzed with the affected samples and found to be acceptable. As indicated in the reference method, sample analysis may proceed; however, any detection for the affected analyte(s) is considered estimated.

Job ID: 460-337049-1 (Continued)

The laboratory control sample duplicate (LCSD) for analytical batch 460-1068238 recovered outside control limits for the following analyte: Dichlorodifluoromethane. This analyte was biased high in the LCSD and was not detected in the associated samples; therefore, the data have been reported.

The continuing calibration verification (CCV) analyzed in batch 460-1068587 was outside the method criteria for the following analyte(s): 1,2-Dichloroethane and Methyl acetate (biased low); Dichlorodifluoromethane (biased high). A CCV standard at or below the reporting limit (RL) was analyzed with the affected samples and found to be acceptable. As indicated in the reference method, sample analysis may proceed; however, any detection for the affected analyte(s) is considered estimated.

The laboratory control sample duplicate (LCSD) for analytical batch 460-1068587 recovered outside control limits for the following analyte: Dichlorodifluoromethane. This analyte was biased high in the LCSD and was not detected in the associated samples; therefore, the data have been reported.

The laboratory control sample (LCS) and / or laboratory control sample duplicate (LCSD) for analytical batch 460-1068231 recovered outside control limits for the following analytes: 2-Hexanone and 4-Methyl-2-pentanone (MIBK). These analytes were biased high in the LCS/LCSD and were not detected in the associated samples; therefore, the data have been reported.

Method 8270E - Semivolatile Organic Compounds (GC/MS)
Samples 52A_0-4 (460-337049-1), 52A_4-8 (460-337049-2), 52B_0-4 (460-337049-3), 52B_4-8 (460-337049-4), 52C_0-4 (460-337049-5), 52C_4-8 (460-337049-6), 52D_0-4 (460-337049-7), 52D_4-8 (460-337049-8), 52E_0-4 (460-337049-9), 52E_4-8 (460-337049-10), 51A_0-4 (460-337049-11), 51A_4-8 (460-337049-12), 51B_0-4 (460-337049-13) and 51B_4-8 (460-337049-14) were analyzed for Semivolatile Organic Compounds (GC/MS). The samples were prepared on 10/13/2025 and analyzed on 10/13/2025 and 10/14/2025.

The continuing calibration verification (CCV) analyzed in batch 460-1068052 was outside the method criteria for the following analyte(s): Benzaldehyde. A CCV standard at or below the reporting limit (RL) was analyzed with the affected samples and found to be acceptable. As indicated in the reference method, sample analysis may proceed; however, any detection for the affected analyte(s) is considered estimated.

The RPD of the laboratory control sample (LCS) and laboratory control sample duplicate (LCSD) for preparation batch 460-1067940 and analytical batch 460-1068052 recovered outside control limits for the following analytes: 2,4-Dinitrophenol and 4,6-Dinitro-2-methylphenol.

The laboratory control sample duplicate (LCSD) for preparation batch 460-1067940 and analytical batch 460-1068052 recovered outside control limits for the following analyte(s): 4,6-Dinitro-2-methylphenol. These analytes have been identified as a poor performing analyte when analyzed using this method; therefore, re-extraction/re-analysis was not performed. These results have been reported and qualified.

Method 8082A - Polychlorinated Biphenyls (PCBs) by Gas Chromatography
Samples 52A_0-4 (460-337049-1), 52A_4-8 (460-337049-2), 52B_0-4 (460-337049-3), 52B_4-8 (460-337049-4), 52C_0-4 (460-337049-5), 52C_4-8 (460-337049-6), 52D_0-4 (460-337049-7), 52D_4-8 (460-337049-8), 52E_0-4 (460-337049-9), 52E_4-8 (460-337049-10), 51A_0-4 (460-337049-11), 51A_4-8 (460-337049-12), 51B_0-4 (460-337049-13) and 51B_4-8 (460-337049-14) were analyzed for Polychlorinated Biphenyls (PCBs) by Gas Chromatography. The samples were prepared on 10/13/2025 and analyzed on 10/14/2025.

The Tetrachloro-m-xylene surrogate recovery for the following samples was outside acceptance limits (high biased) on the primary column due to matrix interference: 52C_4-8 (460-337049-6). The recovery is within acceptance limits on the other column, indicating that the extraction process was in control.

Tetrachloro-m-xylene surrogate recovery for this sample was outside control limits but Decachlorobiphenyl surrogate recovery within control limits; therefore the data have been qualified and reported.52B_0-4 (460-337049-3)

Method 8081B - Organochlorine Pesticides (GC)
Samples 52A_0-4 (460-337049-1), 52A_4-8 (460-337049-2), 52B_0-4 (460-337049-3), 52B_4-8 (460-337049-4), 52C_0-4 (460-337049-5), 52C_4-8 (460-337049-6), 52D_0-4 (460-337049-7), 52D_4-8 (460-337049-8), 52E_0-4 (460-337049-9), 52E_4-8 (460-337049-10), 51A_0-4 (460-337049-11), 51A_4-8 (460-337049-12), 51B_0-4 (460-337049-13) and 51B_4-8 (460-337049-14) were analyzed for Organochlorine Pesticides (GC). The samples were prepared on 10/13/2025 and analyzed on 10/15/2025.

The DCB Decachlorobiphenyl surrogate recovery for the following samples was outside acceptance limits (high biased) on the confirmation column due to matrix interference: 52C_4-8 (460-337049-6). The recovery is within acceptance limits on the other column, indicating that the extraction process was in control.

Method 1633A - Per- and Polyfluoroalkyl Substances by LC/MS/MS, 1633A
Samples 52A_0-4 (460-337049-1), 52A_4-8 (460-337049-2), 52B_0-4 (460-337049-3), 52B_4-8 (460-337049-4), 52C_0-4 (460-337049-5), 52C_4-8 (460-337049-6), 52D_0-4 (460-337049-7), 52D_4-8 (460-337049-8), 52E_0-4 (460-337049-9), 52E_4-8 (460-337049-10), 51A_0-4 (460-337049-11), 51A_4-8 (460-337049-12), 51B_0-4 (460-337049-13) and 51B_4-8 (460-337049-14) were analyzed for Per- and Polyfluoroalkyl Substances by LC/MS/MS, 1633A. The samples were prepared on 10/15/2025 and analyzed on 10/16/2025 and 10/17/2025.

The labeled isotopes 13C2 4:2 FTS are outside QC acceptance limits. Since the recovery in sample 51B_0-4 (460-337049-13) is less than 350%, the data is reported.

The labeled isotopes 13C2 4:2 FTS and 13C2 6:2 FTS are outside QC acceptance limits. Since the recovery in sample 51B_4-8 (460-337049-14) is less than 350%, the data is reported.

The labeled isotopes 13C2 4:2 FTS are outside QC acceptance limits. Since the recovery in sample 52A_4-8 (460-337049-2) and 52B_0-4 (460-337049-3) is less than 350%, the data is reported.

The labeled isotopes 13C2 6:2 FTS are outside QC acceptance limits. Since the recovery in sample 52A_4-8 (460-337049-2) and 52B_0-4 (460-337049-3) is less than 350%, the data is reported.

Analyte Perfluorohexanoic acid (PFHxA) was marked as non-detect for sample 52A_0-4 (460-337049-1) due to a detection below RL and failing ion ratio.

Analyte Perfluorooctanoic acid (PFOA) was marked as non-detect for sample 52A_4-8 (460-337049-2) due to a detection below RL and failing ion ratio.

Analyte Perfluorohexanoic acid (PFHxA), Perfluoroheptanoic acid (PFHpA) and Perfluorooctanoic acid (PFOA) was marked as non-detect for sample 52B_0-4 (460-337049-3) due to a detection below RL and failing ion ratio.

Analyte Perfluorohexanoic acid (PFHxA) was marked as non-detect for sample 52B_4-8 (460-337049-4) due to a detection below RL and failing ion ratio.

Analyte Perfluorododecanoic acid (PFDoA) was marked as non-detect for sample 52C_0-4 (460-337049-5) due to a detection below RL and failing ion ratio.

Analyte Perfluorononanoic acid (PFNA) was marked as non-detect for sample 52C_4-8 (460-337049-6) due to a detection below RL and failing ion ratio.

Analyte Perfluorooctanoic acid (PFOA) and Perfluorodecanoic acid (PFDA) was marked as non-detect for sample 52D_0-4 (460-337049-7) due to a detection below RL and failing ion ratio.

Analyte Perfluorodecanoic acid (PFDA) and Perfluorododecanoic acid (PFDoA) was marked as non-detect for sample 52E_0-4 (460-337049-9) due to a detection below RL and failing ion ratio.

Method 6020B - Metals (ICP/MS)
Samples 52A_0-4 (460-337049-1), 52A_4-8 (460-337049-2), 52B_0-4 (460-337049-3), 52B_4-8 (460-337049-4), 52C_0-4 (460-337049-5), 52C_4-8 (460-337049-6), 52D_0-4 (460-337049-7), 52D_4-8 (460-337049-8), 52E_0-4 (460-337049-9), 52E_4-8 (460-337049-10), 51A_0-4 (460-337049-11), 51A_4-8 (460-337049-12), 51B_0-4 (460-337049-13) and 51B_4-8 (460-337049-14) were analyzed for Metals (ICP/MS). The samples were prepared on 10/17/2025 and analyzed on 10/18/2025.

Method 7471B - Mercury (CVAA)
Samples 52A_0-4 (460-337049-1), 52A_4-8 (460-337049-2), 52B_0-4 (460-337049-3), 52B_4-8 (460-337049-4), 52C_0-4 (460-337049-5), 52C_4-8 (460-337049-6), 52D_0-4 (460-337049-7), 52D_4-8 (460-337049-8), 52E_0-4 (460-337049-9), 52E_4-8 (460-337049-10), 51A_0-4 (460-337049-11), 51A_4-8 (460-337049-12), 51B_0-4 (460-337049-13) and 51B_4-8 (460-337049-14) were analyzed for Mercury (CVAA). The samples were prepared and analyzed on 10/22/2025.

Method Moisture - Percent Moisture
Samples 52A_0-4 (460-337049-1), 52A_4-8 (460-337049-2), 52B_0-4 (460-337049-3), 52B_4-8 (460-337049-4), 52C_0-4 (460-337049-5), 52C_4-8 (460-337049-6), 52D_0-4 (460-337049-7), 52D_4-8 (460-337049-8), 52E_0-4 (460-337049-9), 52E_4-8 (460-337049-10), 51A_0-4 (460-337049-11), 51A_4-8 (460-337049-12), 51B_0-4 (460-337049-13), 51B_4-8 (460-337049-14),

Job ID: 460-337049-1 (Continued)

51A1_3-4 (460-337049-15), 51A2_1-2 (460-337049-16), 51A3_2-3 (460-337049-17), 51A4_4-5 (460-337049-18), 51A5_5-6 (460-337049-19), 51A1_6-7 (460-337049-20), 51A2_3-4 (460-337049-21), 51B1_1-2 (460-337049-22), 51B2_2-3 (460-337049-23), 51B3_4-5 (460-337049-24), 51B4_5-6 (460-337049-25), 51B5_7-8 (460-337049-26), 51B1_5-6 (460-337049-27), 51B3_6-7 (460-337049-28), 52A1_1-2 (460-337049-29), 52A2_3-4 (460-337049-30), 52A3_2-3 (460-337049-31), 52A1_4-5 (460-337049-32), 52A2_5-6 (460-337049-33), 52A3_6-7 (460-337049-34), 52B1_1-2 (460-337049-36), 52B2_2-3 (460-337049-37), 52B3_3-4 (460-337049-38), 52B1_5-6 (460-337049-39), 52B2_7-8 (460-337049-40), 52B3_4-5 (460-337049-41), 52B2_4-5 (460-337049-42), 52C1_2-3 (460-337049-43), 52C2_1-2 (460-337049-44), 52C3_4-5 (460-337049-45), 52C1_6-7 (460-337049-46), 52C2_5-6 (460-337049-47), 52C_7-8 (460-337049-48), 52C3_2-3 (460-337049-49), 52D1_3-4 (460-337049-50), 52D2_1-2 (460-337049-51), 52D3_4-5 (460-337049-52), 52D1_5-6 (460-337049-53), 52D2_7-8 (460-337049-54), 52D3_5-6 (460-337049-55), 52D1_2-3 (460-337049-56), 52E1_2-3 (460-337049-57), 52E2_3-4 (460-337049-58), 52E3_1-2 (460-337049-59), 52E2_7-8 (460-337049-61), 52E3_6-7 (460-337049-62) and 52E2_5-6 (460-337049-63) were analyzed for Percent Moisture. The samples were analyzed on 10/13/2025 and 10/15/2025.

Detection Summary

Client: Haley & Aldrich, Inc.
Project/Site: Former Port Mobil

Job ID: 460-337049-1

Client Sample ID: 52A_0-4

Lab Sample ID: 460-337049-1

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
2-Methylnaphthalene	0.068	J	0.35	0.0097	mg/Kg	1	☼	8270E	Total/NA
Acenaphthylene	0.035	J	0.35	0.0099	mg/Kg	1	☼	8270E	Total/NA
Anthracene	0.025	J	0.35	0.011	mg/Kg	1	☼	8270E	Total/NA
Benzo[a]anthracene	0.080		0.035	0.026	mg/Kg	1	☼	8270E	Total/NA
Benzo[a]pyrene	0.10		0.035	0.0092	mg/Kg	1	☼	8270E	Total/NA
Benzo[b]fluoranthene	0.11		0.035	0.0090	mg/Kg	1	☼	8270E	Total/NA
Benzo[g,h,i]perylene	0.076	J	0.35	0.010	mg/Kg	1	☼	8270E	Total/NA
Benzo[k]fluoranthene	0.038		0.035	0.0068	mg/Kg	1	☼	8270E	Total/NA
Chrysene	0.11	J	0.35	0.015	mg/Kg	1	☼	8270E	Total/NA
Dibenz(a,h)anthracene	0.017	J	0.035	0.015	mg/Kg	1	☼	8270E	Total/NA
Di-n-butyl phthalate	0.020	J	0.35	0.013	mg/Kg	1	☼	8270E	Total/NA
Fluoranthene	0.091	J	0.35	0.012	mg/Kg	1	☼	8270E	Total/NA
Indeno[1,2,3-cd]pyrene	0.060		0.035	0.014	mg/Kg	1	☼	8270E	Total/NA
Naphthalene	0.055	J	0.35	0.0060	mg/Kg	1	☼	8270E	Total/NA
Phenanthrene	0.062	J	0.35	0.014	mg/Kg	1	☼	8270E	Total/NA
Pyrene	0.12	J	0.35	0.0086	mg/Kg	1	☼	8270E	Total/NA
4,4'-DDT	0.0034	J	0.0070	0.0013	mg/Kg	1	☼	8081B	Total/NA
Perfluoroheptanoic acid (PFHpA)	0.17	J	0.20	0.098	ug/Kg	1	☼	1633A	Total/NA
Perfluorooctanoic acid (PFOA)	0.24		0.20	0.059	ug/Kg	1	☼	1633A	Total/NA
Perfluorononanoic acid (PFNA)	0.45		0.20	0.098	ug/Kg	1	☼	1633A	Total/NA
Perfluorodecanoic acid (PFDA)	0.76		0.20	0.059	ug/Kg	1	☼	1633A	Total/NA
Perfluoroundecanoic acid (PFUnA)	2.45		0.20	0.098	ug/Kg	1	☼	1633A	Total/NA
Perfluorododecanoic acid (PFDoA)	0.56		0.20	0.098	ug/Kg	1	☼	1633A	Total/NA
Perfluorotridecanoic acid (PFTrDA)	2.07		0.20	0.098	ug/Kg	1	☼	1633A	Total/NA
Perfluorotetradecanoic acid (PFTeDA)	0.19	J	0.20	0.098	ug/Kg	1	☼	1633A	Total/NA
1H,1H,2H,2H-Perfluorodecane sulfonic acid (8:2 FTS)	3.75		0.39	0.20	ug/Kg	1	☼	1633A	Total/NA
3-Perfluoroheptylpropanoic acid (7:3 FTCA)	0.79	J	0.98	0.49	ug/Kg	1	☼	1633A	Total/NA
Aluminum	7150		16.1	4.4	mg/Kg	1	☼	6020B	Total/NA
Antimony	2.6		0.81	0.12	mg/Kg	1	☼	6020B	Total/NA
Arsenic	8.6		0.81	0.083	mg/Kg	1	☼	6020B	Total/NA
Barium	52.6		1.6	0.12	mg/Kg	1	☼	6020B	Total/NA
Beryllium	1.1		0.32	0.018	mg/Kg	1	☼	6020B	Total/NA
Cadmium	0.33	J	0.81	0.091	mg/Kg	1	☼	6020B	Total/NA
Calcium	3290		80.7	7.8	mg/Kg	1	☼	6020B	Total/NA
Chromium	36.5		1.6	0.24	mg/Kg	1	☼	6020B	Total/NA
Cobalt	11.3		0.81	0.12	mg/Kg	1	☼	6020B	Total/NA
Copper	104		1.6	0.30	mg/Kg	1	☼	6020B	Total/NA
Iron	23400		48.4	6.2	mg/Kg	1	☼	6020B	Total/NA
Lead	164		0.48	0.16	mg/Kg	1	☼	6020B	Total/NA
Magnesium	3060		80.7	8.2	mg/Kg	1	☼	6020B	Total/NA
Manganese	140		3.2	0.33	mg/Kg	1	☼	6020B	Total/NA
Nickel	48.5		1.6	0.14	mg/Kg	1	☼	6020B	Total/NA
Potassium	1420		80.7	13.1	mg/Kg	1	☼	6020B	Total/NA
Selenium	0.69	J	1.0	0.10	mg/Kg	1	☼	6020B	Total/NA
Silver	0.31	J	0.32	0.072	mg/Kg	1	☼	6020B	Total/NA
Sodium	96.6		80.7	36.9	mg/Kg	1	☼	6020B	Total/NA
Thallium	0.074	J	0.32	0.033	mg/Kg	1	☼	6020B	Total/NA
Vanadium	29.7		1.6	0.17	mg/Kg	1	☼	6020B	Total/NA
Zinc	306		6.5	0.88	mg/Kg	1	☼	6020B	Total/NA

This Detection Summary does not include radiochemical test results.

Client Sample ID: 52A_0-4 (Continued)

Lab Sample ID: 460-337049-1

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Mercury	0.036		0.018	0.0083	mg/Kg	1	☼	7471B	Total/NA

Client Sample ID: 52A_4-8

Lab Sample ID: 460-337049-2

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Methylene Chloride	0.0012	J	0.0019	0.0011	mg/Kg	1	☼	8260D	Total/NA
2-Methylnaphthalene	0.033	J	0.36	0.010	mg/Kg	1	☼	8270E	Total/NA
Benzo[a]pyrene	0.017	J	0.036	0.0096	mg/Kg	1	☼	8270E	Total/NA
Benzo[b]fluoranthene	0.028	J	0.036	0.0093	mg/Kg	1	☼	8270E	Total/NA
Benzo[g,h,i]perylene	0.019	J	0.36	0.011	mg/Kg	1	☼	8270E	Total/NA
Benzo[k]fluoranthene	0.012	J	0.036	0.0071	mg/Kg	1	☼	8270E	Total/NA
Bis(2-ethylhexyl) phthalate	0.020	J	0.36	0.019	mg/Kg	1	☼	8270E	Total/NA
Chrysene	0.039	J	0.36	0.015	mg/Kg	1	☼	8270E	Total/NA
Di-n-butyl phthalate	0.019	J	0.36	0.014	mg/Kg	1	☼	8270E	Total/NA
Fluoranthene	0.028	J	0.36	0.013	mg/Kg	1	☼	8270E	Total/NA
Indeno[1,2,3-cd]pyrene	0.016	J	0.036	0.014	mg/Kg	1	☼	8270E	Total/NA
Naphthalene	0.026	J	0.36	0.0062	mg/Kg	1	☼	8270E	Total/NA
Phenanthrene	0.028	J	0.36	0.015	mg/Kg	1	☼	8270E	Total/NA
Pyrene	0.024	J	0.36	0.0089	mg/Kg	1	☼	8270E	Total/NA
Perfluorooctanoic acid (PFOA)	0.17		0.17	0.17	ug/Kg	1	☼	1633A	Total/NA
Perfluorononanoic acid (PFNA)	0.52		0.19	0.097	ug/Kg	1	☼	1633A	Total/NA
Perfluorodecanoic acid (PFDA)	0.17	J	0.19	0.058	ug/Kg	1	☼	1633A	Total/NA
Perfluoroundecanoic acid (PFUnA)	0.86		0.19	0.097	ug/Kg	1	☼	1633A	Total/NA
Perfluorooctanesulfonic acid (PFOS)	0.10	J	0.19	0.097	ug/Kg	1	☼	1633A	Total/NA
Aluminum	5560		17.7	4.9	mg/Kg	1	☼	6020B	Total/NA
Antimony	1.9		0.88	0.13	mg/Kg	1	☼	6020B	Total/NA
Arsenic	4.0		0.88	0.091	mg/Kg	1	☼	6020B	Total/NA
Barium	29.2		1.8	0.13	mg/Kg	1	☼	6020B	Total/NA
Beryllium	0.34	J	0.35	0.019	mg/Kg	1	☼	6020B	Total/NA
Calcium	535		88.4	8.6	mg/Kg	1	☼	6020B	Total/NA
Chromium	18.9		1.8	0.26	mg/Kg	1	☼	6020B	Total/NA
Cobalt	2.3		0.88	0.13	mg/Kg	1	☼	6020B	Total/NA
Copper	26.1		1.8	0.33	mg/Kg	1	☼	6020B	Total/NA
Iron	12100		53.0	6.8	mg/Kg	1	☼	6020B	Total/NA
Lead	49.1		0.53	0.18	mg/Kg	1	☼	6020B	Total/NA
Magnesium	561		88.4	9.0	mg/Kg	1	☼	6020B	Total/NA
Manganese	49.6		3.5	0.36	mg/Kg	1	☼	6020B	Total/NA
Nickel	5.7		1.8	0.16	mg/Kg	1	☼	6020B	Total/NA
Potassium	412		88.4	14.3	mg/Kg	1	☼	6020B	Total/NA
Selenium	0.22	J	1.1	0.11	mg/Kg	1	☼	6020B	Total/NA
Silver	0.21	J	0.35	0.079	mg/Kg	1	☼	6020B	Total/NA
Thallium	0.073	J	0.35	0.036	mg/Kg	1	☼	6020B	Total/NA
Vanadium	36.8		1.8	0.18	mg/Kg	1	☼	6020B	Total/NA
Zinc	30.2		7.1	0.96	mg/Kg	1	☼	6020B	Total/NA
Mercury	0.045		0.017	0.0082	mg/Kg	1	☼	7471B	Total/NA

Client Sample ID: 52B_0-4

Lab Sample ID: 460-337049-3

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
2-Methylnaphthalene	0.017	J	0.34	0.0096	mg/Kg	1	☼	8270E	Total/NA
Benzo[a]pyrene	0.014	J	0.034	0.0091	mg/Kg	1	☼	8270E	Total/NA
Benzo[b]fluoranthene	0.020	J	0.034	0.0088	mg/Kg	1	☼	8270E	Total/NA

This Detection Summary does not include radiochemical test results.

Client Sample ID: 52B_0-4 (Continued)

Lab Sample ID: 460-337049-3

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Benzo[g,h,i]perylene	0.016	J	0.34	0.010	mg/Kg	1	☼	8270E	Total/NA
Benzo[k]fluoranthene	0.0075	J	0.034	0.0067	mg/Kg	1	☼	8270E	Total/NA
Chrysene	0.017	J	0.34	0.014	mg/Kg	1	☼	8270E	Total/NA
Di-n-butyl phthalate	0.015	J	0.34	0.013	mg/Kg	1	☼	8270E	Total/NA
Fluoranthene	0.018	J	0.34	0.012	mg/Kg	1	☼	8270E	Total/NA
Naphthalene	0.013	J	0.34	0.0059	mg/Kg	1	☼	8270E	Total/NA
Phenanthrene	0.016	J	0.34	0.014	mg/Kg	1	☼	8270E	Total/NA
Pyrene	0.018	J	0.34	0.0085	mg/Kg	1	☼	8270E	Total/NA
Perfluorononanoic acid (PFNA)	0.27		0.20	0.10	ug/Kg	1	☼	1633A	Total/NA
Perfluorodecanoic acid (PFDA)	0.099	J	0.20	0.060	ug/Kg	1	☼	1633A	Total/NA
Perfluoroundecanoic acid (PFUnA)	3.89		0.20	0.10	ug/Kg	1	☼	1633A	Total/NA
Perfluorododecanoic acid (PFDoA)	0.16	J	0.20	0.10	ug/Kg	1	☼	1633A	Total/NA
Perfluorotridecanoic acid (PFTrDA)	3.26		0.20	0.10	ug/Kg	1	☼	1633A	Total/NA
Aluminum	6090		15.4	4.2	mg/Kg	1	☼	6020B	Total/NA
Antimony	3.6		0.77	0.11	mg/Kg	1	☼	6020B	Total/NA
Arsenic	9.6		0.77	0.080	mg/Kg	1	☼	6020B	Total/NA
Barium	40.6		1.5	0.11	mg/Kg	1	☼	6020B	Total/NA
Beryllium	0.70		0.31	0.017	mg/Kg	1	☼	6020B	Total/NA
Cadmium	0.21	J	0.77	0.087	mg/Kg	1	☼	6020B	Total/NA
Calcium	954		77.2	7.5	mg/Kg	1	☼	6020B	Total/NA
Chromium	20.5		1.5	0.23	mg/Kg	1	☼	6020B	Total/NA
Cobalt	5.3		0.77	0.11	mg/Kg	1	☼	6020B	Total/NA
Copper	70.8		1.5	0.28	mg/Kg	1	☼	6020B	Total/NA
Iron	17800		46.3	5.9	mg/Kg	1	☼	6020B	Total/NA
Lead	209		0.46	0.15	mg/Kg	1	☼	6020B	Total/NA
Magnesium	1130		77.2	7.9	mg/Kg	1	☼	6020B	Total/NA
Manganese	97.7		3.1	0.31	mg/Kg	1	☼	6020B	Total/NA
Nickel	22.0		1.5	0.14	mg/Kg	1	☼	6020B	Total/NA
Potassium	1020		77.2	12.5	mg/Kg	1	☼	6020B	Total/NA
Selenium	0.61	J	0.97	0.099	mg/Kg	1	☼	6020B	Total/NA
Silver	0.40		0.31	0.069	mg/Kg	1	☼	6020B	Total/NA
Sodium	80.9		77.2	35.3	mg/Kg	1	☼	6020B	Total/NA
Thallium	0.070	J	0.31	0.032	mg/Kg	1	☼	6020B	Total/NA
Vanadium	25.7		1.5	0.16	mg/Kg	1	☼	6020B	Total/NA
Zinc	170		6.2	0.84	mg/Kg	1	☼	6020B	Total/NA
Mercury	0.033		0.018	0.0083	mg/Kg	1	☼	7471B	Total/NA

Client Sample ID: 52B_4-8

Lab Sample ID: 460-337049-4

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Methylene Chloride	0.0012	J	0.0020	0.0011	mg/Kg	1	☼	8260D	Total/NA
2-Methylnaphthalene	0.017	J	0.36	0.010	mg/Kg	1	☼	8270E	Total/NA
Benzo[a]pyrene	0.010	J	0.036	0.0095	mg/Kg	1	☼	8270E	Total/NA
Benzo[b]fluoranthene	0.018	J	0.036	0.0092	mg/Kg	1	☼	8270E	Total/NA
Benzo[g,h,i]perylene	0.012	J	0.36	0.010	mg/Kg	1	☼	8270E	Total/NA
Chrysene	0.020	J	0.36	0.015	mg/Kg	1	☼	8270E	Total/NA
Fluoranthene	0.018	J	0.36	0.012	mg/Kg	1	☼	8270E	Total/NA
Naphthalene	0.016	J	0.36	0.0062	mg/Kg	1	☼	8270E	Total/NA
Phenanthrene	0.023	J	0.36	0.015	mg/Kg	1	☼	8270E	Total/NA
Pyrene	0.017	J	0.36	0.0089	mg/Kg	1	☼	8270E	Total/NA
Perfluorooctanoic acid (PFOA)	0.072	J	0.19	0.058	ug/Kg	1	☼	1633A	Total/NA

This Detection Summary does not include radiochemical test results.

Client Sample ID: 52B_4-8 (Continued)

Lab Sample ID: 460-337049-4

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Perfluorononanoic acid (PFNA)	0.15	J	0.19	0.097	ug/Kg	1	☼	1633A	Total/NA
Perfluorodecanoic acid (PFDA)	0.084	J	0.19	0.058	ug/Kg	1	☼	1633A	Total/NA
Perfluoroundecanoic acid (PFUnA)	1.11		0.19	0.097	ug/Kg	1	☼	1633A	Total/NA
Perfluorotridecanoic acid (PFTrDA)	0.74		0.19	0.097	ug/Kg	1	☼	1633A	Total/NA
Aluminum	5450		17.0	4.7	mg/Kg	1	☼	6020B	Total/NA
Antimony	2.3		0.85	0.12	mg/Kg	1	☼	6020B	Total/NA
Arsenic	8.0		0.85	0.088	mg/Kg	1	☼	6020B	Total/NA
Barium	36.9		1.7	0.12	mg/Kg	1	☼	6020B	Total/NA
Beryllium	0.74		0.34	0.019	mg/Kg	1	☼	6020B	Total/NA
Cadmium	0.24	J	0.85	0.096	mg/Kg	1	☼	6020B	Total/NA
Calcium	918		85.1	8.3	mg/Kg	1	☼	6020B	Total/NA
Chromium	17.9		1.7	0.25	mg/Kg	1	☼	6020B	Total/NA
Cobalt	4.3		0.85	0.13	mg/Kg	1	☼	6020B	Total/NA
Copper	52.6		1.7	0.31	mg/Kg	1	☼	6020B	Total/NA
Iron	14900		51.0	6.5	mg/Kg	1	☼	6020B	Total/NA
Lead	107		0.51	0.17	mg/Kg	1	☼	6020B	Total/NA
Magnesium	1010		85.1	8.7	mg/Kg	1	☼	6020B	Total/NA
Manganese	94.3		3.4	0.34	mg/Kg	1	☼	6020B	Total/NA
Nickel	15.2		1.7	0.15	mg/Kg	1	☼	6020B	Total/NA
Potassium	961		85.1	13.8	mg/Kg	1	☼	6020B	Total/NA
Selenium	0.37	J	1.1	0.11	mg/Kg	1	☼	6020B	Total/NA
Silver	0.35		0.34	0.076	mg/Kg	1	☼	6020B	Total/NA
Sodium	62.0	J	85.1	38.9	mg/Kg	1	☼	6020B	Total/NA
Thallium	0.061	J	0.34	0.035	mg/Kg	1	☼	6020B	Total/NA
Vanadium	22.5		1.7	0.18	mg/Kg	1	☼	6020B	Total/NA
Zinc	115		6.8	0.93	mg/Kg	1	☼	6020B	Total/NA
Mercury	0.031		0.018	0.0085	mg/Kg	1	☼	7471B	Total/NA

Client Sample ID: 52C_0-4

Lab Sample ID: 460-337049-5

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Methylene Chloride	0.0013	J	0.0020	0.0011	mg/Kg	1	☼	8260D	Total/NA
Acenaphthylene	0.011	J	0.34	0.0097	mg/Kg	1	☼	8270E	Total/NA
Anthracene	0.020	J	0.34	0.010	mg/Kg	1	☼	8270E	Total/NA
Benzo[a]anthracene	0.050		0.034	0.026	mg/Kg	1	☼	8270E	Total/NA
Benzo[a]pyrene	0.045		0.034	0.0091	mg/Kg	1	☼	8270E	Total/NA
Benzo[b]fluoranthene	0.067		0.034	0.0088	mg/Kg	1	☼	8270E	Total/NA
Benzo[g,h,i]perylene	0.040	J	0.34	0.010	mg/Kg	1	☼	8270E	Total/NA
Benzo[k]fluoranthene	0.022	J	0.034	0.0067	mg/Kg	1	☼	8270E	Total/NA
Chrysene	0.055	J	0.34	0.014	mg/Kg	1	☼	8270E	Total/NA
Di-n-butyl phthalate	0.014	J	0.34	0.013	mg/Kg	1	☼	8270E	Total/NA
Fluoranthene	0.11	J	0.34	0.012	mg/Kg	1	☼	8270E	Total/NA
Indeno[1,2,3-cd]pyrene	0.034		0.034	0.013	mg/Kg	1	☼	8270E	Total/NA
Naphthalene	0.0066	J	0.34	0.0059	mg/Kg	1	☼	8270E	Total/NA
Phenanthrene	0.047	J	0.34	0.014	mg/Kg	1	☼	8270E	Total/NA
Pyrene	0.093	J	0.34	0.0084	mg/Kg	1	☼	8270E	Total/NA
Perfluorooctanoic acid (PFOA)	0.11	J	0.20	0.059	ug/Kg	1	☼	1633A	Total/NA
Perfluorononanoic acid (PFNA)	0.26		0.20	0.099	ug/Kg	1	☼	1633A	Total/NA
Perfluorodecanoic acid (PFDA)	0.13	J	0.20	0.059	ug/Kg	1	☼	1633A	Total/NA
Perfluoroundecanoic acid (PFUnA)	0.56		0.20	0.099	ug/Kg	1	☼	1633A	Total/NA
Aluminum	7510		15.4	4.2	mg/Kg	1	☼	6020B	Total/NA

This Detection Summary does not include radiochemical test results.

Client Sample ID: 52C_0-4 (Continued)

Lab Sample ID: 460-337049-5

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Antimony	3.8		0.77	0.11	mg/Kg	1	☼	6020B	Total/NA
Arsenic	7.9		0.77	0.079	mg/Kg	1	☼	6020B	Total/NA
Barium	68.2		1.5	0.11	mg/Kg	1	☼	6020B	Total/NA
Beryllium	1.5		0.31	0.017	mg/Kg	1	☼	6020B	Total/NA
Cadmium	0.62	J	0.77	0.087	mg/Kg	1	☼	6020B	Total/NA
Calcium	4190		76.9	7.5	mg/Kg	1	☼	6020B	Total/NA
Chromium	32.8		1.5	0.23	mg/Kg	1	☼	6020B	Total/NA
Cobalt	9.4		0.77	0.11	mg/Kg	1	☼	6020B	Total/NA
Copper	129		1.5	0.28	mg/Kg	1	☼	6020B	Total/NA
Iron	21000		46.1	5.9	mg/Kg	1	☼	6020B	Total/NA
Lead	265		0.46	0.15	mg/Kg	1	☼	6020B	Total/NA
Magnesium	3500		76.9	7.8	mg/Kg	1	☼	6020B	Total/NA
Manganese	214		3.1	0.31	mg/Kg	1	☼	6020B	Total/NA
Nickel	52.4		1.5	0.14	mg/Kg	1	☼	6020B	Total/NA
Potassium	1160		76.9	12.5	mg/Kg	1	☼	6020B	Total/NA
Selenium	0.43	J	0.96	0.098	mg/Kg	1	☼	6020B	Total/NA
Silver	0.46		0.31	0.068	mg/Kg	1	☼	6020B	Total/NA
Sodium	119		76.9	35.1	mg/Kg	1	☼	6020B	Total/NA
Thallium	0.11	J	0.31	0.032	mg/Kg	1	☼	6020B	Total/NA
Vanadium	30.1		1.5	0.16	mg/Kg	1	☼	6020B	Total/NA
Zinc	461		6.2	0.84	mg/Kg	1	☼	6020B	Total/NA
Mercury	0.032		0.017	0.0080	mg/Kg	1	☼	7471B	Total/NA

Client Sample ID: 52C_4-8

Lab Sample ID: 460-337049-6

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Methylene Chloride	0.0014	J	0.0020	0.0012	mg/Kg	1	☼	8260D	Total/NA
2-Methylnaphthalene	0.014	J	0.35	0.0098	mg/Kg	1	☼	8270E	Total/NA
Acetophenone	0.028	J	0.35	0.017	mg/Kg	1	☼	8270E	Total/NA
Anthracene	0.013	J	0.35	0.011	mg/Kg	1	☼	8270E	Total/NA
Benzo[a]anthracene	0.033	J	0.035	0.026	mg/Kg	1	☼	8270E	Total/NA
Benzo[a]pyrene	0.027	J	0.035	0.0093	mg/Kg	1	☼	8270E	Total/NA
Benzo[b]fluoranthene	0.039		0.035	0.0090	mg/Kg	1	☼	8270E	Total/NA
Benzo[g,h,i]perylene	0.026	J	0.35	0.010	mg/Kg	1	☼	8270E	Total/NA
Benzo[k]fluoranthene	0.016	J	0.035	0.0069	mg/Kg	1	☼	8270E	Total/NA
Chrysene	0.028	J	0.35	0.015	mg/Kg	1	☼	8270E	Total/NA
Fluoranthene	0.049	J	0.35	0.012	mg/Kg	1	☼	8270E	Total/NA
Indeno[1,2,3-cd]pyrene	0.024	J	0.035	0.014	mg/Kg	1	☼	8270E	Total/NA
Naphthalene	0.0084	J	0.35	0.0060	mg/Kg	1	☼	8270E	Total/NA
Phenanthrene	0.027	J	0.35	0.014	mg/Kg	1	☼	8270E	Total/NA
Pyrene	0.043	J	0.35	0.0087	mg/Kg	1	☼	8270E	Total/NA
Heptachlor epoxide	0.21		0.0071	0.0011	mg/Kg	1	☼	8081B	Total/NA
Aroclor 1260	0.064	J	0.071	0.019	mg/Kg	1	☼	8082A	Total/NA
Polychlorinated biphenyls, Total	0.064	J	0.071	0.019	mg/Kg	1	☼	8082A	Total/NA
Perfluorooctanoic acid (PFOA)	0.068	J	0.20	0.060	ug/Kg	1	☼	1633A	Total/NA
Perfluorodecanoic acid (PFDA)	0.10	J	0.20	0.060	ug/Kg	1	☼	1633A	Total/NA
Perfluoroundecanoic acid (PFUnA)	0.39		0.20	0.10	ug/Kg	1	☼	1633A	Total/NA
Aluminum	8020		15.9	4.4	mg/Kg	1	☼	6020B	Total/NA
Antimony	3.5		0.79	0.12	mg/Kg	1	☼	6020B	Total/NA
Arsenic	7.6		0.79	0.082	mg/Kg	1	☼	6020B	Total/NA
Barium	83.3		1.6	0.11	mg/Kg	1	☼	6020B	Total/NA

This Detection Summary does not include radiochemical test results.

Client Sample ID: 52C_4-8 (Continued)

Lab Sample ID: 460-337049-6

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Beryllium	3.2		0.32	0.017	mg/Kg	1	☼	6020B	Total/NA
Cadmium	0.59	J	0.79	0.090	mg/Kg	1	☼	6020B	Total/NA
Calcium	4000		79.3	7.7	mg/Kg	1	☼	6020B	Total/NA
Chromium	35.3		1.6	0.24	mg/Kg	1	☼	6020B	Total/NA
Cobalt	11.5		0.79	0.12	mg/Kg	1	☼	6020B	Total/NA
Copper	133		1.6	0.29	mg/Kg	1	☼	6020B	Total/NA
Iron	21400		47.6	6.1	mg/Kg	1	☼	6020B	Total/NA
Lead	319		0.48	0.16	mg/Kg	1	☼	6020B	Total/NA
Magnesium	3250		79.3	8.1	mg/Kg	1	☼	6020B	Total/NA
Manganese	201		3.2	0.32	mg/Kg	1	☼	6020B	Total/NA
Nickel	58.4		1.6	0.14	mg/Kg	1	☼	6020B	Total/NA
Potassium	1170		79.3	12.8	mg/Kg	1	☼	6020B	Total/NA
Selenium	0.41	J	0.99	0.10	mg/Kg	1	☼	6020B	Total/NA
Silver	0.43		0.32	0.071	mg/Kg	1	☼	6020B	Total/NA
Sodium	144		79.3	36.2	mg/Kg	1	☼	6020B	Total/NA
Thallium	0.099	J	0.32	0.033	mg/Kg	1	☼	6020B	Total/NA
Vanadium	28.4		1.6	0.16	mg/Kg	1	☼	6020B	Total/NA
Zinc	524		6.3	0.86	mg/Kg	1	☼	6020B	Total/NA
Mercury	0.032		0.017	0.0078	mg/Kg	1	☼	7471B	Total/NA

Client Sample ID: 52D_0-4

Lab Sample ID: 460-337049-7

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
2-Methylnaphthalene	0.020	J	0.35	0.0098	mg/Kg	1	☼	8270E	Total/NA
Acenaphthylene	0.044	J	0.35	0.010	mg/Kg	1	☼	8270E	Total/NA
Anthracene	0.045	J	0.35	0.011	mg/Kg	1	☼	8270E	Total/NA
Benzo[a]anthracene	0.036		0.035	0.026	mg/Kg	1	☼	8270E	Total/NA
Benzo[a]pyrene	0.046		0.035	0.0093	mg/Kg	1	☼	8270E	Total/NA
Benzo[b]fluoranthene	0.063		0.035	0.0090	mg/Kg	1	☼	8270E	Total/NA
Benzo[g,h,i]perylene	0.056	J	0.35	0.010	mg/Kg	1	☼	8270E	Total/NA
Benzo[k]fluoranthene	0.017	J	0.035	0.0068	mg/Kg	1	☼	8270E	Total/NA
Chrysene	0.043	J	0.35	0.015	mg/Kg	1	☼	8270E	Total/NA
Di-n-butyl phthalate	0.017	J	0.35	0.013	mg/Kg	1	☼	8270E	Total/NA
Fluoranthene	0.053	J	0.35	0.012	mg/Kg	1	☼	8270E	Total/NA
Indeno[1,2,3-cd]pyrene	0.046		0.035	0.014	mg/Kg	1	☼	8270E	Total/NA
Naphthalene	0.020	J	0.35	0.0060	mg/Kg	1	☼	8270E	Total/NA
Phenanthrene	0.035	J	0.35	0.014	mg/Kg	1	☼	8270E	Total/NA
Pyrene	0.062	J	0.35	0.0087	mg/Kg	1	☼	8270E	Total/NA
4,4'-DDT	0.0025	J	0.0070	0.0013	mg/Kg	1	☼	8081B	Total/NA
Perfluorononanoic acid (PFNA)	0.11	J	0.19	0.097	ug/Kg	1	☼	1633A	Total/NA
Perfluoroundecanoic acid (PFUnA)	0.80		0.19	0.097	ug/Kg	1	☼	1633A	Total/NA
Perfluorododecanoic acid (PFDoA)	0.15	J	0.19	0.097	ug/Kg	1	☼	1633A	Total/NA
Aluminum	8050		16.0	4.4	mg/Kg	1	☼	6020B	Total/NA
Antimony	2.7		0.80	0.12	mg/Kg	1	☼	6020B	Total/NA
Arsenic	7.6		0.80	0.082	mg/Kg	1	☼	6020B	Total/NA
Barium	61.4		1.6	0.12	mg/Kg	1	☼	6020B	Total/NA
Beryllium	0.98		0.32	0.018	mg/Kg	1	☼	6020B	Total/NA
Cadmium	0.42	J	0.80	0.090	mg/Kg	1	☼	6020B	Total/NA
Calcium	2770		80.1	7.8	mg/Kg	1	☼	6020B	Total/NA
Chromium	28.9		1.6	0.24	mg/Kg	1	☼	6020B	Total/NA
Cobalt	8.1		0.80	0.12	mg/Kg	1	☼	6020B	Total/NA

This Detection Summary does not include radiochemical test results.

Client Sample ID: 52D_0-4 (Continued)

Lab Sample ID: 460-337049-7

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Copper	73.3		1.6	0.29	mg/Kg	1	☼	6020B	Total/NA
Iron	20600		48.0	6.1	mg/Kg	1	☼	6020B	Total/NA
Lead	203		0.48	0.16	mg/Kg	1	☼	6020B	Total/NA
Magnesium	2840		80.1	8.2	mg/Kg	1	☼	6020B	Total/NA
Manganese	200		3.2	0.32	mg/Kg	1	☼	6020B	Total/NA
Nickel	26.2		1.6	0.14	mg/Kg	1	☼	6020B	Total/NA
Potassium	1150		80.1	13.0	mg/Kg	1	☼	6020B	Total/NA
Selenium	0.36	J	1.0	0.10	mg/Kg	1	☼	6020B	Total/NA
Silver	0.37		0.32	0.071	mg/Kg	1	☼	6020B	Total/NA
Sodium	117		80.1	36.6	mg/Kg	1	☼	6020B	Total/NA
Thallium	0.091	J	0.32	0.033	mg/Kg	1	☼	6020B	Total/NA
Vanadium	28.0		1.6	0.16	mg/Kg	1	☼	6020B	Total/NA
Zinc	244		6.4	0.87	mg/Kg	1	☼	6020B	Total/NA
Mercury	0.039		0.018	0.0083	mg/Kg	1	☼	7471B	Total/NA

Client Sample ID: 52D_4-8

Lab Sample ID: 460-337049-8

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
2-Methylnaphthalene	0.014	J	0.36	0.010	mg/Kg	1	☼	8270E	Total/NA
Benzo[a]pyrene	0.014	J	0.036	0.0095	mg/Kg	1	☼	8270E	Total/NA
Benzo[b]fluoranthene	0.023	J	0.036	0.0093	mg/Kg	1	☼	8270E	Total/NA
Benzo[g,h,i]perylene	0.017	J	0.36	0.011	mg/Kg	1	☼	8270E	Total/NA
Chrysene	0.018	J	0.36	0.015	mg/Kg	1	☼	8270E	Total/NA
Di-n-butyl phthalate	0.018	J	0.36	0.013	mg/Kg	1	☼	8270E	Total/NA
Fluoranthene	0.018	J	0.36	0.013	mg/Kg	1	☼	8270E	Total/NA
Indeno[1,2,3-cd]pyrene	0.015	J	0.036	0.014	mg/Kg	1	☼	8270E	Total/NA
Naphthalene	0.011	J	0.36	0.0062	mg/Kg	1	☼	8270E	Total/NA
Phenanthrene	0.015	J	0.36	0.015	mg/Kg	1	☼	8270E	Total/NA
Pyrene	0.020	J	0.36	0.0089	mg/Kg	1	☼	8270E	Total/NA
Aroclor 1260	0.093		0.073	0.019	mg/Kg	1	☼	8082A	Total/NA
Polychlorinated biphenyls, Total	0.093		0.073	0.019	mg/Kg	1	☼	8082A	Total/NA
Perfluorooctanoic acid (PFOA)	0.082	J	0.19	0.057	ug/Kg	1	☼	1633A	Total/NA
Perfluorononanoic acid (PFNA)	0.19		0.19	0.096	ug/Kg	1	☼	1633A	Total/NA
Perfluorodecanoic acid (PFDA)	0.16	J	0.19	0.057	ug/Kg	1	☼	1633A	Total/NA
Perfluoroundecanoic acid (PFUnA)	1.03		0.19	0.096	ug/Kg	1	☼	1633A	Total/NA
Perfluorododecanoic acid (PFDoA)	0.15	J	0.19	0.096	ug/Kg	1	☼	1633A	Total/NA
Aluminum	9380		17.3	4.8	mg/Kg	1	☼	6020B	Total/NA
Antimony	3.4		0.87	0.13	mg/Kg	1	☼	6020B	Total/NA
Arsenic	8.0		0.87	0.089	mg/Kg	1	☼	6020B	Total/NA
Barium	81.7		1.7	0.13	mg/Kg	1	☼	6020B	Total/NA
Beryllium	1.4		0.35	0.019	mg/Kg	1	☼	6020B	Total/NA
Cadmium	0.52	J	0.87	0.098	mg/Kg	1	☼	6020B	Total/NA
Calcium	2150		86.6	8.4	mg/Kg	1	☼	6020B	Total/NA
Chromium	33.7		1.7	0.26	mg/Kg	1	☼	6020B	Total/NA
Cobalt	11.8		0.87	0.13	mg/Kg	1	☼	6020B	Total/NA
Copper	116		1.7	0.32	mg/Kg	1	☼	6020B	Total/NA
Iron	23900		51.9	6.6	mg/Kg	1	☼	6020B	Total/NA
Lead	251		0.52	0.17	mg/Kg	1	☼	6020B	Total/NA
Magnesium	2560		86.6	8.8	mg/Kg	1	☼	6020B	Total/NA
Manganese	233		3.5	0.35	mg/Kg	1	☼	6020B	Total/NA
Nickel	50.6		1.7	0.15	mg/Kg	1	☼	6020B	Total/NA

This Detection Summary does not include radiochemical test results.

Client Sample ID: 52D_4-8 (Continued)

Lab Sample ID: 460-337049-8

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Potassium	1310		86.6	14.0	mg/Kg	1	☼	6020B	Total/NA
Selenium	0.44	J	1.1	0.11	mg/Kg	1	☼	6020B	Total/NA
Silver	0.46		0.35	0.077	mg/Kg	1	☼	6020B	Total/NA
Sodium	127		86.6	39.6	mg/Kg	1	☼	6020B	Total/NA
Thallium	0.12	J	0.35	0.035	mg/Kg	1	☼	6020B	Total/NA
Vanadium	31.5		1.7	0.18	mg/Kg	1	☼	6020B	Total/NA
Zinc	366		6.9	0.94	mg/Kg	1	☼	6020B	Total/NA
Mercury	0.036		0.018	0.0083	mg/Kg	1	☼	7471B	Total/NA

Client Sample ID: 52E_0-4

Lab Sample ID: 460-337049-9

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
2-Methylnaphthalene	0.0098	J	0.35	0.0098	mg/Kg	1	☼	8270E	Total/NA
Benzo[a]anthracene	0.029	J	0.035	0.026	mg/Kg	1	☼	8270E	Total/NA
Benzo[a]pyrene	0.029	J	0.035	0.0093	mg/Kg	1	☼	8270E	Total/NA
Benzo[b]fluoranthene	0.040		0.035	0.0090	mg/Kg	1	☼	8270E	Total/NA
Benzo[g,h,i]perylene	0.022	J	0.35	0.010	mg/Kg	1	☼	8270E	Total/NA
Benzo[k]fluoranthene	0.013	J	0.035	0.0069	mg/Kg	1	☼	8270E	Total/NA
Bis(2-ethylhexyl) phthalate	0.024	J	0.35	0.018	mg/Kg	1	☼	8270E	Total/NA
Chrysene	0.029	J	0.35	0.015	mg/Kg	1	☼	8270E	Total/NA
Fluoranthene	0.043	J	0.35	0.012	mg/Kg	1	☼	8270E	Total/NA
Indeno[1,2,3-cd]pyrene	0.021	J	0.035	0.014	mg/Kg	1	☼	8270E	Total/NA
Naphthalene	0.0070	J	0.35	0.0060	mg/Kg	1	☼	8270E	Total/NA
Phenanthrene	0.028	J	0.35	0.014	mg/Kg	1	☼	8270E	Total/NA
Pyrene	0.041	J	0.35	0.0087	mg/Kg	1	☼	8270E	Total/NA
Perfluoroundecanoic acid (PFUnA)	0.44		0.20	0.099	ug/Kg	1	☼	1633A	Total/NA
Aluminum	7460		16.5	4.5	mg/Kg	1	☼	6020B	Total/NA
Antimony	2.9		0.82	0.12	mg/Kg	1	☼	6020B	Total/NA
Arsenic	7.9		0.82	0.085	mg/Kg	1	☼	6020B	Total/NA
Barium	73.9		1.6	0.12	mg/Kg	1	☼	6020B	Total/NA
Beryllium	1.2		0.33	0.018	mg/Kg	1	☼	6020B	Total/NA
Cadmium	0.44	J	0.82	0.093	mg/Kg	1	☼	6020B	Total/NA
Calcium	2820		82.3	8.0	mg/Kg	1	☼	6020B	Total/NA
Chromium	25.9		1.6	0.24	mg/Kg	1	☼	6020B	Total/NA
Cobalt	11.8		0.82	0.12	mg/Kg	1	☼	6020B	Total/NA
Copper	99.8		1.6	0.30	mg/Kg	1	☼	6020B	Total/NA
Iron	22200		49.4	6.3	mg/Kg	1	☼	6020B	Total/NA
Lead	200		0.49	0.16	mg/Kg	1	☼	6020B	Total/NA
Magnesium	2840		82.3	8.4	mg/Kg	1	☼	6020B	Total/NA
Manganese	258		3.3	0.33	mg/Kg	1	☼	6020B	Total/NA
Nickel	41.1		1.6	0.15	mg/Kg	1	☼	6020B	Total/NA
Potassium	1040		82.3	13.3	mg/Kg	1	☼	6020B	Total/NA
Selenium	0.32	J	1.0	0.11	mg/Kg	1	☼	6020B	Total/NA
Silver	0.42		0.33	0.073	mg/Kg	1	☼	6020B	Total/NA
Sodium	151		82.3	37.6	mg/Kg	1	☼	6020B	Total/NA
Thallium	0.11	J	0.33	0.034	mg/Kg	1	☼	6020B	Total/NA
Vanadium	29.1		1.6	0.17	mg/Kg	1	☼	6020B	Total/NA
Zinc	290		6.6	0.90	mg/Kg	1	☼	6020B	Total/NA
Mercury	0.033		0.017	0.0080	mg/Kg	1	☼	7471B	Total/NA

This Detection Summary does not include radiochemical test results.

Detection Summary

Client: Haley & Aldrich, Inc.
Project/Site: Former Port Mobil

Job ID: 460-337049-1

Client Sample ID: 52E_4-8 — Lab Sample ID: 460-337049-10

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Methylene Chloride	0.0012	J	0.0021	0.0012	mg/Kg	1	☼	8260D	Total/NA
2-Methylnaphthalene	0.017	J	0.36	0.010	mg/Kg	1	☼	8270E	Total/NA
Benzo[a]pyrene	0.010	J	0.036	0.0095	mg/Kg	1	☼	8270E	Total/NA
Benzo[b]fluoranthene	0.018	J	0.036	0.0092	mg/Kg	1	☼	8270E	Total/NA
Benzo[g,h,i]perylene	0.012	J	0.36	0.011	mg/Kg	1	☼	8270E	Total/NA
Chrysene	0.016	J	0.36	0.015	mg/Kg	1	☼	8270E	Total/NA
Fluoranthene	0.019	J	0.36	0.012	mg/Kg	1	☼	8270E	Total/NA
Naphthalene	0.011	J	0.36	0.0062	mg/Kg	1	☼	8270E	Total/NA
Pyrene	0.016	J	0.36	0.0089	mg/Kg	1	☼	8270E	Total/NA
Aroclor 1260	0.060	J	0.072	0.019	mg/Kg	1	☼	8082A	Total/NA
Polychlorinated biphenyls, Total	0.060	J	0.072	0.019	mg/Kg	1	☼	8082A	Total/NA
Perfluorooctanoic acid (PFOA)	0.30		0.19	0.057	ug/Kg	1	☼	1633A	Total/NA
Perfluorononanoic acid (PFNA)	0.76		0.19	0.096	ug/Kg	1	☼	1633A	Total/NA
Perfluorodecanoic acid (PFDA)	0.079	J	0.19	0.057	ug/Kg	1	☼	1633A	Total/NA
Perfluoroundecanoic acid (PFUnA)	0.91		0.19	0.096	ug/Kg	1	☼	1633A	Total/NA
Perfluorododecanoic acid (PFDoA)	0.10	J	0.19	0.096	ug/Kg	1	☼	1633A	Total/NA
Aluminum	8420		16.3	4.5	mg/Kg	1	☼	6020B	Total/NA
Antimony	3.2		0.81	0.12	mg/Kg	1	☼	6020B	Total/NA
Arsenic	7.8		0.81	0.084	mg/Kg	1	☼	6020B	Total/NA
Barium	80.6		1.6	0.12	mg/Kg	1	☼	6020B	Total/NA
Beryllium	0.98		0.33	0.018	mg/Kg	1	☼	6020B	Total/NA
Cadmium	0.77	J	0.81	0.092	mg/Kg	1	☼	6020B	Total/NA
Calcium	1340		81.4	7.9	mg/Kg	1	☼	6020B	Total/NA
Chromium	25.7		1.6	0.24	mg/Kg	1	☼	6020B	Total/NA
Cobalt	19.1		0.81	0.12	mg/Kg	1	☼	6020B	Total/NA
Copper	91.0		1.6	0.30	mg/Kg	1	☼	6020B	Total/NA
Iron	22000		48.8	6.2	mg/Kg	1	☼	6020B	Total/NA
Lead	213		0.49	0.16	mg/Kg	1	☼	6020B	Total/NA
Magnesium	2410		81.4	8.3	mg/Kg	1	☼	6020B	Total/NA
Manganese	437		3.3	0.33	mg/Kg	1	☼	6020B	Total/NA
Nickel	43.7		1.6	0.14	mg/Kg	1	☼	6020B	Total/NA
Potassium	1230		81.4	13.2	mg/Kg	1	☼	6020B	Total/NA
Selenium	0.39	J	1.0	0.10	mg/Kg	1	☼	6020B	Total/NA
Silver	0.40		0.33	0.072	mg/Kg	1	☼	6020B	Total/NA
Sodium	96.4		81.4	37.2	mg/Kg	1	☼	6020B	Total/NA
Thallium	0.13	J	0.33	0.033	mg/Kg	1	☼	6020B	Total/NA
Vanadium	30.1		1.6	0.17	mg/Kg	1	☼	6020B	Total/NA
Zinc	277		6.5	0.89	mg/Kg	1	☼	6020B	Total/NA
Mercury	0.043		0.018	0.0082	mg/Kg	1	☼	7471B	Total/NA

Client Sample ID: 51A_0-4 — Lab Sample ID: 460-337049-11

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Methylene Chloride	0.0011	J	0.0020	0.0011	mg/Kg	1	☼	8260D	Total/NA
Benzo[b]fluoranthene	0.013	J	0.034	0.0089	mg/Kg	1	☼	8270E	Total/NA
Chrysene	0.015	J	0.34	0.014	mg/Kg	1	☼	8270E	Total/NA
Di-n-butyl phthalate	0.025	J	0.34	0.013	mg/Kg	1	☼	8270E	Total/NA
Fluoranthene	0.013	J	0.34	0.012	mg/Kg	1	☼	8270E	Total/NA
Naphthalene	0.0061	J	0.34	0.0060	mg/Kg	1	☼	8270E	Total/NA
Pyrene	0.011	J	0.34	0.0086	mg/Kg	1	☼	8270E	Total/NA
Perfluorooctanoic acid (PFOA)	0.097	J	0.19	0.057	ug/Kg	1	☼	1633A	Total/NA

This Detection Summary does not include radiochemical test results.

Client Sample ID: 51A_0-4 (Continued)

Lab Sample ID: 460-337049-11

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Perfluorononanoic acid (PFNA)	3.01		0.19	0.096	ug/Kg	1	☼	1633A	Total/NA
Perfluorodecanoic acid (PFDA)	0.11	J	0.19	0.057	ug/Kg	1	☼	1633A	Total/NA
Perfluoroundecanoic acid (PFUnA)	3.77		0.19	0.096	ug/Kg	1	☼	1633A	Total/NA
Perfluorododecanoic acid (PFDoA)	0.23		0.19	0.096	ug/Kg	1	☼	1633A	Total/NA
Perfluorotridecanoic acid (PFTrDA)	20.0		0.19	0.096	ug/Kg	1	☼	1633A	Total/NA
Aluminum	9220		15.9	4.4	mg/Kg	1	☼	6020B	Total/NA
Antimony	3.2		0.80	0.12	mg/Kg	1	☼	6020B	Total/NA
Arsenic	10.5		0.80	0.082	mg/Kg	1	☼	6020B	Total/NA
Barium	44.1		1.6	0.12	mg/Kg	1	☼	6020B	Total/NA
Beryllium	0.54		0.32	0.017	mg/Kg	1	☼	6020B	Total/NA
Cadmium	0.10	J	0.80	0.090	mg/Kg	1	☼	6020B	Total/NA
Calcium	915		79.5	7.7	mg/Kg	1	☼	6020B	Total/NA
Chromium	15.0		1.6	0.24	mg/Kg	1	☼	6020B	Total/NA
Cobalt	6.9		0.80	0.12	mg/Kg	1	☼	6020B	Total/NA
Copper	47.3		1.6	0.29	mg/Kg	1	☼	6020B	Total/NA
Iron	19400		47.7	6.1	mg/Kg	1	☼	6020B	Total/NA
Lead	80.5		0.48	0.16	mg/Kg	1	☼	6020B	Total/NA
Magnesium	2090		79.5	8.1	mg/Kg	1	☼	6020B	Total/NA
Manganese	224		3.2	0.32	mg/Kg	1	☼	6020B	Total/NA
Nickel	12.0		1.6	0.14	mg/Kg	1	☼	6020B	Total/NA
Potassium	1190		79.5	12.9	mg/Kg	1	☼	6020B	Total/NA
Selenium	0.40	J	0.99	0.10	mg/Kg	1	☼	6020B	Total/NA
Silver	0.35		0.32	0.071	mg/Kg	1	☼	6020B	Total/NA
Sodium	53.2	J	79.5	36.3	mg/Kg	1	☼	6020B	Total/NA
Thallium	0.11	J	0.32	0.033	mg/Kg	1	☼	6020B	Total/NA
Vanadium	27.1		1.6	0.16	mg/Kg	1	☼	6020B	Total/NA
Zinc	48.1		6.4	0.87	mg/Kg	1	☼	6020B	Total/NA
Mercury	0.046		0.016	0.0075	mg/Kg	1	☼	7471B	Total/NA

Client Sample ID: 51A_4-8

Lab Sample ID: 460-337049-12

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Methylene Chloride	0.0015	J	0.0020	0.0011	mg/Kg	1	☼	8260D	Total/NA
2-Methylnaphthalene	0.018	J	0.33	0.0093	mg/Kg	1	☼	8270E	Total/NA
Anthracene	0.016	J	0.33	0.010	mg/Kg	1	☼	8270E	Total/NA
Benzo[a]anthracene	0.035		0.033	0.025	mg/Kg	1	☼	8270E	Total/NA
Benzo[a]pyrene	0.035		0.033	0.0089	mg/Kg	1	☼	8270E	Total/NA
Benzo[b]fluoranthene	0.065		0.033	0.0086	mg/Kg	1	☼	8270E	Total/NA
Benzo[g,h,i]perylene	0.040	J	0.33	0.0099	mg/Kg	1	☼	8270E	Total/NA
Benzo[k]fluoranthene	0.022	J	0.033	0.0066	mg/Kg	1	☼	8270E	Total/NA
Chrysene	0.041	J	0.33	0.014	mg/Kg	1	☼	8270E	Total/NA
Di-n-butyl phthalate	0.020	J	0.33	0.013	mg/Kg	1	☼	8270E	Total/NA
Fluoranthene	0.048	J	0.33	0.012	mg/Kg	1	☼	8270E	Total/NA
Indeno[1,2,3-cd]pyrene	0.041		0.033	0.013	mg/Kg	1	☼	8270E	Total/NA
Naphthalene	0.011	J	0.33	0.0058	mg/Kg	1	☼	8270E	Total/NA
Phenanthrene	0.036	J	0.33	0.014	mg/Kg	1	☼	8270E	Total/NA
Pyrene	0.046	J	0.33	0.0083	mg/Kg	1	☼	8270E	Total/NA
4,4'-DDT	0.0049	J	0.0068	0.0012	mg/Kg	1	☼	8081B	Total/NA
Dieldrin	0.0024		0.0020	0.00088	mg/Kg	1	☼	8081B	Total/NA
Heptachlor epoxide	0.0046	J	0.0068	0.0010	mg/Kg	1	☼	8081B	Total/NA
Perfluorooctanoic acid (PFOA)	0.11	J	0.20	0.059	ug/Kg	1	☼	1633A	Total/NA

This Detection Summary does not include radiochemical test results.

Client Sample ID: 51A_4-8 (Continued)

Lab Sample ID: 460-337049-12

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Perfluorononanoic acid (PFNA)	1.0		0.20	0.099	ug/Kg	1	☼	1633A	Total/NA
Perfluoroundecanoic acid (PFUnA)	4.18		0.20	0.099	ug/Kg	1	☼	1633A	Total/NA
Perfluorododecanoic acid (PFDoA)	0.38		0.20	0.099	ug/Kg	1	☼	1633A	Total/NA
Aluminum	8330		15.8	4.3	mg/Kg	1	☼	6020B	Total/NA
Antimony	3.8		0.79	0.12	mg/Kg	1	☼	6020B	Total/NA
Arsenic	9.4		0.79	0.081	mg/Kg	1	☼	6020B	Total/NA
Barium	35.0		1.6	0.11	mg/Kg	1	☼	6020B	Total/NA
Beryllium	0.67		0.32	0.017	mg/Kg	1	☼	6020B	Total/NA
Cadmium	0.20	J	0.79	0.089	mg/Kg	1	☼	6020B	Total/NA
Calcium	856		78.9	7.7	mg/Kg	1	☼	6020B	Total/NA
Chromium	17.4		1.6	0.23	mg/Kg	1	☼	6020B	Total/NA
Cobalt	5.1		0.79	0.12	mg/Kg	1	☼	6020B	Total/NA
Copper	57.4		1.6	0.29	mg/Kg	1	☼	6020B	Total/NA
Iron	20300		47.3	6.0	mg/Kg	1	☼	6020B	Total/NA
Lead	137		0.47	0.16	mg/Kg	1	☼	6020B	Total/NA
Magnesium	2540		78.9	8.0	mg/Kg	1	☼	6020B	Total/NA
Manganese	157		3.2	0.32	mg/Kg	1	☼	6020B	Total/NA
Nickel	16.8		1.6	0.14	mg/Kg	1	☼	6020B	Total/NA
Potassium	1060		78.9	12.8	mg/Kg	1	☼	6020B	Total/NA
Selenium	0.57	J	0.99	0.10	mg/Kg	1	☼	6020B	Total/NA
Silver	0.35		0.32	0.070	mg/Kg	1	☼	6020B	Total/NA
Sodium	53.8	J	78.9	36.1	mg/Kg	1	☼	6020B	Total/NA
Thallium	0.080	J	0.32	0.032	mg/Kg	1	☼	6020B	Total/NA
Vanadium	30.0		1.6	0.16	mg/Kg	1	☼	6020B	Total/NA
Zinc	109		6.3	0.86	mg/Kg	1	☼	6020B	Total/NA
Mercury	0.045		0.017	0.0080	mg/Kg	1	☼	7471B	Total/NA

Client Sample ID: 51B_0-4

Lab Sample ID: 460-337049-13

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Acetone	0.0061	J	0.0062	0.0059	mg/Kg	1	☼	8260D	Total/NA
Anthracene	0.012	J	0.34	0.010	mg/Kg	1	☼	8270E	Total/NA
Benzo[b]fluoranthene	0.012	J	0.034	0.0088	mg/Kg	1	☼	8270E	Total/NA
Benzo[g,h,i]perylene	0.013	J	0.34	0.010	mg/Kg	1	☼	8270E	Total/NA
Chrysene	0.014	J	0.34	0.014	mg/Kg	1	☼	8270E	Total/NA
Fluoranthene	0.013	J	0.34	0.012	mg/Kg	1	☼	8270E	Total/NA
Pyrene	0.013	J	0.34	0.0085	mg/Kg	1	☼	8270E	Total/NA
Perfluorooctanoic acid (PFOA)	0.28		0.20	0.059	ug/Kg	1	☼	1633A	Total/NA
Perfluorononanoic acid (PFNA)	1.07		0.20	0.098	ug/Kg	1	☼	1633A	Total/NA
Perfluorodecanoic acid (PFDA)	0.47		0.20	0.059	ug/Kg	1	☼	1633A	Total/NA
Perfluoroundecanoic acid (PFUnA)	2.99		0.20	0.098	ug/Kg	1	☼	1633A	Total/NA
Perfluorododecanoic acid (PFDoA)	0.28		0.20	0.098	ug/Kg	1	☼	1633A	Total/NA
Perfluorotridecanoic acid (PFTrDA)	1.76		0.20	0.098	ug/Kg	1	☼	1633A	Total/NA
Perfluorooctanesulfonic acid (PFOS)	0.20		0.20	0.098	ug/Kg	1	☼	1633A	Total/NA
1H,1H,2H,2H-Perfluorodecane sulfonic acid (8:2 FTS)	0.28	J	0.39	0.20	ug/Kg	1	☼	1633A	Total/NA
Aluminum	7970		15.5	4.3	mg/Kg	1	☼	6020B	Total/NA
Antimony	2.3		0.78	0.11	mg/Kg	1	☼	6020B	Total/NA
Arsenic	7.0		0.78	0.080	mg/Kg	1	☼	6020B	Total/NA
Barium	46.5		1.6	0.11	mg/Kg	1	☼	6020B	Total/NA
Beryllium	0.67		0.31	0.017	mg/Kg	1	☼	6020B	Total/NA
Cadmium	0.14	J	0.78	0.088	mg/Kg	1	☼	6020B	Total/NA

This Detection Summary does not include radiochemical test results.

Client Sample ID: 51B_0-4 (Continued) — Lab Sample ID: 460-337049-13

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Calcium	885		77.7	7.6	mg/Kg	1	☼	6020B	Total/NA
Chromium	17.5		1.6	0.23	mg/Kg	1	☼	6020B	Total/NA
Cobalt	5.0		0.78	0.12	mg/Kg	1	☼	6020B	Total/NA
Copper	41.9		1.6	0.29	mg/Kg	1	☼	6020B	Total/NA
Iron	20800		46.6	5.9	mg/Kg	1	☼	6020B	Total/NA
Lead	94.8		0.47	0.16	mg/Kg	1	☼	6020B	Total/NA
Magnesium	1980		77.7	7.9	mg/Kg	1	☼	6020B	Total/NA
Manganese	134		3.1	0.31	mg/Kg	1	☼	6020B	Total/NA
Nickel	11.8		1.6	0.14	mg/Kg	1	☼	6020B	Total/NA
Potassium	1100		77.7	12.6	mg/Kg	1	☼	6020B	Total/NA
Selenium	0.41	J	0.97	0.099	mg/Kg	1	☼	6020B	Total/NA
Silver	0.27	J	0.31	0.069	mg/Kg	1	☼	6020B	Total/NA
Sodium	58.2	J	77.7	35.5	mg/Kg	1	☼	6020B	Total/NA
Thallium	0.12	J	0.31	0.032	mg/Kg	1	☼	6020B	Total/NA
Vanadium	27.5		1.6	0.16	mg/Kg	1	☼	6020B	Total/NA
Zinc	91.3		6.2	0.85	mg/Kg	1	☼	6020B	Total/NA
Mercury	0.032		0.016	0.0073	mg/Kg	1	☼	7471B	Total/NA

Client Sample ID: 51B_4-8 — Lab Sample ID: 460-337049-14

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
2-Butanone (MEK)	0.0034	J	0.0052	0.00038	mg/Kg	1	☼	8260D	Total/NA
Acetone	0.018		0.0062	0.0059	mg/Kg	1	☼	8260D	Total/NA
2-Methylnaphthalene	0.012	J	0.36	0.010	mg/Kg	1	☼	8270E	Total/NA
Anthracene	0.011	J	0.36	0.011	mg/Kg	1	☼	8270E	Total/NA
Benzaldehyde	0.079	J	0.36	0.060	mg/Kg	1	☼	8270E	Total/NA
Benzo[a]pyrene	0.010	J	0.036	0.0097	mg/Kg	1	☼	8270E	Total/NA
Benzo[b]fluoranthene	0.016	J	0.036	0.0095	mg/Kg	1	☼	8270E	Total/NA
Benzo[g,h,i]perylene	0.013	J	0.36	0.011	mg/Kg	1	☼	8270E	Total/NA
Fluoranthene	0.016	J	0.36	0.013	mg/Kg	1	☼	8270E	Total/NA
Naphthalene	0.0078	J	0.36	0.0063	mg/Kg	1	☼	8270E	Total/NA
Pyrene	0.015	J	0.36	0.0091	mg/Kg	1	☼	8270E	Total/NA
Perfluoropentanoic acid (PFPeA)	0.46		0.20	0.099	ug/Kg	1	☼	1633A	Total/NA
Perfluorohexanoic acid (PFHxA)	0.19	J	0.20	0.099	ug/Kg	1	☼	1633A	Total/NA
Perfluoroheptanoic acid (PFHpA)	0.16	J	0.20	0.099	ug/Kg	1	☼	1633A	Total/NA
Perfluorooctanoic acid (PFOA)	0.30		0.20	0.059	ug/Kg	1	☼	1633A	Total/NA
Perfluorononanoic acid (PFNA)	1.39		0.20	0.099	ug/Kg	1	☼	1633A	Total/NA
Perfluorodecanoic acid (PFDA)	0.66		0.20	0.059	ug/Kg	1	☼	1633A	Total/NA
Perfluoroundecanoic acid (PFUnA)	5.35		0.20	0.099	ug/Kg	1	☼	1633A	Total/NA
Perfluorooctanesulfonic acid (PFOS)	0.22		0.20	0.099	ug/Kg	1	☼	1633A	Total/NA
1H,1H,2H,2H-Perfluorodecane sulfonic acid (8:2 FTS)	0.27	J	0.39	0.20	ug/Kg	1	☼	1633A	Total/NA
Aluminum	4980		17.4	4.8	mg/Kg	1	☼	6020B	Total/NA
Antimony	1.6		0.87	0.13	mg/Kg	1	☼	6020B	Total/NA
Arsenic	5.1		0.87	0.089	mg/Kg	1	☼	6020B	Total/NA
Barium	34.3		1.7	0.13	mg/Kg	1	☼	6020B	Total/NA
Beryllium	0.52		0.35	0.019	mg/Kg	1	☼	6020B	Total/NA
Cadmium	0.60	J	0.87	0.098	mg/Kg	1	☼	6020B	Total/NA
Calcium	2420		86.8	8.4	mg/Kg	1	☼	6020B	Total/NA
Chromium	11.7		1.7	0.26	mg/Kg	1	☼	6020B	Total/NA
Cobalt	4.9		0.87	0.13	mg/Kg	1	☼	6020B	Total/NA
Copper	32.5		1.7	0.32	mg/Kg	1	☼	6020B	Total/NA

This Detection Summary does not include radiochemical test results.

Client Sample ID: 51B_4-8 (Continued) — Lab Sample ID: 460-337049-14

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Iron	16300		52.1	6.6	mg/Kg	1	☼	6020B	Total/NA
Lead	75.0		0.52	0.17	mg/Kg	1	☼	6020B	Total/NA
Magnesium	1980		86.8	8.8	mg/Kg	1	☼	6020B	Total/NA
Manganese	126		3.5	0.35	mg/Kg	1	☼	6020B	Total/NA
Nickel	10.5		1.7	0.15	mg/Kg	1	☼	6020B	Total/NA
Potassium	1290		86.8	14.1	mg/Kg	1	☼	6020B	Total/NA
Selenium	0.39	J	1.1	0.11	mg/Kg	1	☼	6020B	Total/NA
Silver	0.18	J	0.35	0.077	mg/Kg	1	☼	6020B	Total/NA
Sodium	65.1	J	86.8	39.6	mg/Kg	1	☼	6020B	Total/NA
Thallium	0.056	J	0.35	0.036	mg/Kg	1	☼	6020B	Total/NA
Vanadium	20.8		1.7	0.18	mg/Kg	1	☼	6020B	Total/NA
Zinc	126		6.9	0.95	mg/Kg	1	☼	6020B	Total/NA
Mercury	0.021		0.018	0.0083	mg/Kg	1	☼	7471B	Total/NA

Client Sample ID: 51A1_3-4 — Lab Sample ID: 460-337049-15

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Methylene Chloride	0.0010	J	0.0018	0.0010	mg/Kg	1	☼	8260D	Total/NA
Toluene	0.00035	J	0.00089	0.00021	mg/Kg	1	☼	8260D	Total/NA

Client Sample ID: 51A2_1-2 — Lab Sample ID: 460-337049-16

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Methylene Chloride	0.0016	J	0.0024	0.0014	mg/Kg	1	☼	8260D	Total/NA

Client Sample ID: 51A3_2-3 — Lab Sample ID: 460-337049-17

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Methylene Chloride	0.0010	J	0.0018	0.0010	mg/Kg	1	☼	8260D	Total/NA
Toluene	0.00055	J	0.00089	0.00021	mg/Kg	1	☼	8260D	Total/NA

Client Sample ID: 51A4_4-5 — Lab Sample ID: 460-337049-18

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Methylene Chloride	0.0022		0.0021	0.0012	mg/Kg	1	☼	8260D	Total/NA
Toluene	0.00060	J	0.0010	0.00024	mg/Kg	1	☼	8260D	Total/NA

Client Sample ID: 51A5_5-6 — Lab Sample ID: 460-337049-19

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Methylene Chloride	0.0014	J	0.0016	0.00094	mg/Kg	1	☼	8260D	Total/NA

Client Sample ID: 51A1_6-7 — Lab Sample ID: 460-337049-20

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Methylene Chloride	0.0026		0.0018	0.0010	mg/Kg	1	☼	8260D	Total/NA

Client Sample ID: 51A2_3-4 — Lab Sample ID: 460-337049-21

No Detections.

Client Sample ID: 51B1_1-2 — Lab Sample ID: 460-337049-22

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Toluene	0.00043	J	0.00096	0.00023	mg/Kg	1	☼	8260D	Total/NA

This Detection Summary does not include radiochemical test results.

Detection Summary

Client: Haley & Aldrich, Inc.
Project/Site: Former Port Mobil

Job ID: 460-337049-1

Client Sample ID: 51B2_2-3 — Lab Sample ID: 460-337049-23

No Detections.

Client Sample ID: 51B3_4-5 — Lab Sample ID: 460-337049-24

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Methylene Chloride	0.0032		0.0022	0.0013	mg/Kg	1	☼	8260D	Total/NA
Toluene	0.00054	J	0.0011	0.00026	mg/Kg	1	☼	8260D	Total/NA

Client Sample ID: 51B4_5-6 — Lab Sample ID: 460-337049-25

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Methylene Chloride	0.0028		0.0021	0.0012	mg/Kg	1	☼	8260D	Total/NA
Toluene	0.00063	J	0.0011	0.00025	mg/Kg	1	☼	8260D	Total/NA

Client Sample ID: 51B5_7-8 — Lab Sample ID: 460-337049-26

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
2-Butanone (MEK)	0.0076		0.0059	0.00043	mg/Kg	1	☼	8260D	Total/NA
Acetone	0.037		0.0071	0.0067	mg/Kg	1	☼	8260D	Total/NA

Client Sample ID: 51B1_5-6 — Lab Sample ID: 460-337049-27

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Methyl acetate	0.0061	J	0.0063	0.0054	mg/Kg	1	☼	8260D	Total/NA
Methylene Chloride	0.0041		0.0025	0.0014	mg/Kg	1	☼	8260D	Total/NA

Client Sample ID: 51B3_6-7 — Lab Sample ID: 460-337049-28

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Methylene Chloride	0.0024		0.0020	0.0012	mg/Kg	1	☼	8260D	Total/NA
Toluene	0.00062	J	0.0010	0.00024	mg/Kg	1	☼	8260D	Total/NA

Client Sample ID: 52A1_1-2 — Lab Sample ID: 460-337049-29

No Detections.

Client Sample ID: 52A2_3-4 — Lab Sample ID: 460-337049-30

No Detections.

Client Sample ID: 52A3_2-3 — Lab Sample ID: 460-337049-31

No Detections.

Client Sample ID: 52A1_4-5 — Lab Sample ID: 460-337049-32

No Detections.

Client Sample ID: 52A2_5-6 — Lab Sample ID: 460-337049-33

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Methylene Chloride	0.0011	J	0.0017	0.00096	mg/Kg	1	☼	8260D	Total/NA
Toluene	0.00055	J	0.00084	0.00020	mg/Kg	1	☼	8260D	Total/NA

Client Sample ID: 52A3_6-7 — Lab Sample ID: 460-337049-34

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Methylene Chloride	0.0022	J	0.0024	0.0014	mg/Kg	1	☼	8260D	Total/NA

This Detection Summary does not include radiochemical test results.

Detection Summary

Client: Haley & Aldrich, Inc.
Project/Site: Former Port Mobil

Job ID: 460-337049-1

Client Sample ID: 52A1_7-8 — Lab Sample ID: 460-337049-35

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Toluene	0.00070	J	0.0012	0.00028	mg/Kg	1		8260D	Total/NA

Client Sample ID: 52B1_1-2 — Lab Sample ID: 460-337049-36

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Methylene Chloride	0.0029		0.0026	0.0015	mg/Kg	1	☼	8260D	Total/NA
Toluene	0.00068	J	0.0013	0.00030	mg/Kg	1	☼	8260D	Total/NA

Client Sample ID: 52B2_2-3 — Lab Sample ID: 460-337049-37

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Methylene Chloride	0.0024		0.0024	0.0014	mg/Kg	1	☼	8260D	Total/NA

Client Sample ID: 52B3_3-4 — Lab Sample ID: 460-337049-38

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Methylene Chloride	0.0013	J	0.0021	0.0012	mg/Kg	1	☼	8260D	Total/NA
Toluene	0.00050	J	0.0010	0.00024	mg/Kg	1	☼	8260D	Total/NA

Client Sample ID: 52B1_5-6 — Lab Sample ID: 460-337049-39

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Methylene Chloride	0.0014	J	0.0024	0.0014	mg/Kg	1	☼	8260D	Total/NA

Client Sample ID: 52B2_7-8 — Lab Sample ID: 460-337049-40

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Methylene Chloride	0.0019		0.0014	0.00080	mg/Kg	1	☼	8260D	Total/NA
Toluene	0.00031	J	0.00070	0.00016	mg/Kg	1	☼	8260D	Total/NA

Client Sample ID: 52B3_4-5 — Lab Sample ID: 460-337049-41

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Methylene Chloride	0.0020	J	0.0022	0.0013	mg/Kg	1	☼	8260D	Total/NA
Toluene	0.00047	J	0.0011	0.00026	mg/Kg	1	☼	8260D	Total/NA

Client Sample ID: 52B2_4-5 — Lab Sample ID: 460-337049-42

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Methylene Chloride	0.0028		0.0019	0.0011	mg/Kg	1	☼	8260D	Total/NA
Toluene	0.00055	J	0.00097	0.00023	mg/Kg	1	☼	8260D	Total/NA

Client Sample ID: 52C1_2-3 — Lab Sample ID: 460-337049-43

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Methylene Chloride	0.0014	J	0.0020	0.0011	mg/Kg	1	☼	8260D	Total/NA
Toluene	0.00072	J	0.0010	0.00023	mg/Kg	1	☼	8260D	Total/NA

Client Sample ID: 52C2_1-2 — Lab Sample ID: 460-337049-44

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Methylene Chloride	0.0016	J	0.0023	0.0013	mg/Kg	1	☼	8260D	Total/NA
Toluene	0.00070	J	0.0011	0.00027	mg/Kg	1	☼	8260D	Total/NA

This Detection Summary does not include radiochemical test results.

Detection Summary

Client: Haley & Aldrich, Inc.
Project/Site: Former Port Mobil

Job ID: 460-337049-1

Client Sample ID: 52C3_4-5 — Lab Sample ID: 460-337049-45

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Methylene Chloride	0.0019		0.0019	0.0011	mg/Kg	1	☼	8260D	Total/NA
Toluene	0.00060	J	0.00097	0.00023	mg/Kg	1	☼	8260D	Total/NA

Client Sample ID: 52C1_6-7 — Lab Sample ID: 460-337049-46

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Methylene Chloride	0.0015	J	0.0017	0.00099	mg/Kg	1	☼	8260D	Total/NA
Toluene	0.00045	J	0.00086	0.00020	mg/Kg	1	☼	8260D	Total/NA

Client Sample ID: 52C2_5-6 — Lab Sample ID: 460-337049-47

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Methylene Chloride	0.0020		0.0019	0.0011	mg/Kg	1	☼	8260D	Total/NA
Toluene	0.00045	J	0.00097	0.00023	mg/Kg	1	☼	8260D	Total/NA

Client Sample ID: 52C_7-8 — Lab Sample ID: 460-337049-48

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Methylene Chloride	0.0025	J	0.0028	0.0016	mg/Kg	1	☼	8260D	Total/NA
Toluene	0.0010	J	0.0014	0.00033	mg/Kg	1	☼	8260D	Total/NA

Client Sample ID: 52C3_2-3 — Lab Sample ID: 460-337049-49

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Methylene Chloride	0.0018	J	0.0022	0.0013	mg/Kg	1	☼	8260D	Total/NA
Toluene	0.00061	J	0.0011	0.00026	mg/Kg	1	☼	8260D	Total/NA

Client Sample ID: 52D1_3-4 — Lab Sample ID: 460-337049-50

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Methylene Chloride	0.0017	J	0.0019	0.0011	mg/Kg	1	☼	8260D	Total/NA
Toluene	0.00072	J	0.00094	0.00022	mg/Kg	1	☼	8260D	Total/NA

Client Sample ID: 52D2_1-2 — Lab Sample ID: 460-337049-51

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Methylene Chloride	0.0016	J	0.0018	0.0010	mg/Kg	1	☼	8260D	Total/NA
Toluene	0.00051	J	0.00089	0.00021	mg/Kg	1	☼	8260D	Total/NA

Client Sample ID: 52D3_4-5 — Lab Sample ID: 460-337049-52

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Methylene Chloride	0.0013	J	0.0018	0.0010	mg/Kg	1	☼	8260D	Total/NA
Toluene	0.00071	J	0.00090	0.00021	mg/Kg	1	☼	8260D	Total/NA

Client Sample ID: 52D1_5-6 — Lab Sample ID: 460-337049-53

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Methylene Chloride	0.0020		0.0019	0.0011	mg/Kg	1	☼	8260D	Total/NA
Toluene	0.00054	J	0.00094	0.00022	mg/Kg	1	☼	8260D	Total/NA

Client Sample ID: 52D2_7-8 — Lab Sample ID: 460-337049-54

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Methylene Chloride	0.0010	J	0.0015	0.00086	mg/Kg	1	☼	8260D	Total/NA

This Detection Summary does not include radiochemical test results.

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Client Sample ID: 52D2_7-8 (Continued) — Lab Sample ID: 460-337049-54

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Toluene	0.00035	J	0.00075	0.00018	mg/Kg	1	☼	8260D	Total/NA

Client Sample ID: 52D3_5-6 — Lab Sample ID: 460-337049-55

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Toluene	0.00039	J	0.00090	0.00021	mg/Kg	1	☼	8260D	Total/NA

Client Sample ID: 52D1_2-3 — Lab Sample ID: 460-337049-56

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Methylene Chloride	0.0018	J	0.0022	0.0013	mg/Kg	1	☼	8260D	Total/NA
Toluene	0.00056	J	0.0011	0.00026	mg/Kg	1	☼	8260D	Total/NA

Client Sample ID: 52E1_2-3 — Lab Sample ID: 460-337049-57

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Methylene Chloride	0.0028		0.0024	0.0014	mg/Kg	1	☼	8260D	Total/NA
Toluene	0.00047	J	0.0012	0.00028	mg/Kg	1	☼	8260D	Total/NA

Client Sample ID: 52E2_3-4 — Lab Sample ID: 460-337049-58

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Methylene Chloride	0.0021		0.0019	0.0011	mg/Kg	1	☼	8260D	Total/NA
Toluene	0.00049	J	0.00097	0.00023	mg/Kg	1	☼	8260D	Total/NA

Client Sample ID: 52E3_1-2 — Lab Sample ID: 460-337049-59

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Methylene Chloride	0.0029		0.0020	0.0011	mg/Kg	1	☼	8260D	Total/NA
Toluene	0.00082	J	0.00098	0.00023	mg/Kg	1	☼	8260D	Total/NA

Client Sample ID: 52E2_7-8 — Lab Sample ID: 460-337049-61

No Detections.

Client Sample ID: 52E3_6-7 — Lab Sample ID: 460-337049-62

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Methylene Chloride	0.0017		0.0017	0.00098	mg/Kg	1	☼	8260D	Total/NA
Toluene	0.00047	J	0.00085	0.00020	mg/Kg	1	☼	8260D	Total/NA

Client Sample ID: 52E2_5-6 — Lab Sample ID: 460-337049-63

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Methylene Chloride	0.0016	J	0.0018	0.0010	mg/Kg	1	☼	8260D	Total/NA

This Detection Summary does not include radiochemical test results.

Client: Haley & Aldrich, Inc.
Project/Site: Former Port Mobil

Job ID: 460-337049-1

Client Sample ID: 52A_0-4
Date Collected: 10/10/25 12:10
Date Received: 10/10/25 17:30

Lab Sample ID: 460-337049-1
Matrix: Solid
Percent Solids: 95.4

Method: SW846 8260D - Volatile Organic Compounds by GC/MS

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1-Trichloroethane	0.00093	U	0.00093	0.00022	mg/Kg	☼	10/14/25 12:39	10/15/25 17:21	1
1,1,2,2-Tetrachloroethane	0.00093	U	0.00093	0.00048	mg/Kg	☼	10/14/25 12:39	10/15/25 17:21	1
1,1,2-Trichloro-1,2,2-trifluoroethane	0.00093	U	0.00093	0.00028	mg/Kg	☼	10/14/25 12:39	10/15/25 17:21	1
1,1,2-Trichloroethane	0.00093	U	0.00093	0.00056	mg/Kg	☼	10/14/25 12:39	10/15/25 17:21	1
1,1-Dichloroethane	0.00093	U	0.00093	0.00055	mg/Kg	☼	10/14/25 12:39	10/15/25 17:21	1
1,1-Dichloroethene	0.00093	U	0.00093	0.00021	mg/Kg	☼	10/14/25 12:39	10/15/25 17:21	1
1,2,3-Trichlorobenzene	0.00093	U	0.00093	0.00068	mg/Kg	☼	10/14/25 12:39	10/15/25 17:21	1
1,2,4-Trichlorobenzene	0.00093	U	0.00093	0.00033	mg/Kg	☼	10/14/25 12:39	10/15/25 17:21	1
1,2,4-Trimethylbenzene	0.00093	U	0.00093	0.00023	mg/Kg	☼	10/14/25 12:39	10/15/25 17:21	1
1,2-Dibromo-3-Chloropropane	0.00093	U	0.00093	0.00043	mg/Kg	☼	10/14/25 12:39	10/15/25 17:21	1
1,2-Dichlorobenzene	0.00093	U	0.00093	0.00034	mg/Kg	☼	10/14/25 12:39	10/15/25 17:21	1
1,2-Dichloroethane	0.00093	U	0.00093	0.00027	mg/Kg	☼	10/14/25 12:39	10/15/25 17:21	1
1,2-Dichloropropane	0.00093	U	0.00093	0.00039	mg/Kg	☼	10/14/25 12:39	10/15/25 17:21	1
1,3,5-Trimethylbenzene	0.00093	U	0.00093	0.00029	mg/Kg	☼	10/14/25 12:39	10/15/25 17:21	1
1,3-Dichlorobenzene	0.00093	U	0.00093	0.00034	mg/Kg	☼	10/14/25 12:39	10/15/25 17:21	1
1,4-Dichlorobenzene	0.00093	U	0.00093	0.00048	mg/Kg	☼	10/14/25 12:39	10/15/25 17:21	1
2-Butanone (MEK)	0.0046	U	0.0046	0.00034	mg/Kg	☼	10/14/25 12:39	10/15/25 17:21	1
2-Hexanone	0.0046	U	0.0046	0.0016	mg/Kg	☼	10/14/25 12:39	10/15/25 17:21	1
4-Methyl-2-pentanone (MIBK)	0.0046	U	0.0046	0.0014	mg/Kg	☼	10/14/25 12:39	10/15/25 17:21	1
Acetone	0.0056	U	0.0056	0.0053	mg/Kg	☼	10/14/25 12:39	10/15/25 17:21	1
Benzene	0.00093	U	0.00093	0.00053	mg/Kg	☼	10/14/25 12:39	10/15/25 17:21	1
Bromoform	0.00093	U	0.00093	0.00039	mg/Kg	☼	10/14/25 12:39	10/15/25 17:21	1
Bromomethane	0.0019	U	0.0019	0.00093	mg/Kg	☼	10/14/25 12:39	10/15/25 17:21	1
Carbon disulfide	0.00093	U	0.00093	0.00025	mg/Kg	☼	10/14/25 12:39	10/15/25 17:21	1
Carbon tetrachloride	0.00093	U	0.00093	0.00036	mg/Kg	☼	10/14/25 12:39	10/15/25 17:21	1
Chlorobenzene	0.00093	U	0.00093	0.00047	mg/Kg	☼	10/14/25 12:39	10/15/25 17:21	1
Chlorobromomethane	0.00093	U	0.00093	0.00055	mg/Kg	☼	10/14/25 12:39	10/15/25 17:21	1
Chlorodibromomethane	0.00093	U	0.00093	0.00050	mg/Kg	☼	10/14/25 12:39	10/15/25 17:21	1
Chloroethane	0.00093	U	0.00093	0.00048	mg/Kg	☼	10/14/25 12:39	10/15/25 17:21	1
Chloroform	0.00093	U	0.00093	0.00090	mg/Kg	☼	10/14/25 12:39	10/15/25 17:21	1
Chloromethane	0.00093	U	0.00093	0.00040	mg/Kg	☼	10/14/25 12:39	10/15/25 17:21	1
cis-1,2-Dichloroethene	0.00093	U	0.00093	0.00033	mg/Kg	☼	10/14/25 12:39	10/15/25 17:21	1
cis-1,3-Dichloropropene	0.00093	U	0.00093	0.00025	mg/Kg	☼	10/14/25 12:39	10/15/25 17:21	1
Cyclohexane	0.00093	U	0.00093	0.00021	mg/Kg	☼	10/14/25 12:39	10/15/25 17:21	1
Dichlorobromomethane	0.00093	U	0.00093	0.00024	mg/Kg	☼	10/14/25 12:39	10/15/25 17:21	1
Dichlorodifluoromethane	0.00093	U	0.00093	0.00031	mg/Kg	☼	10/14/25 12:39	10/15/25 17:21	1
Ethylbenzene	0.00093	U	0.00093	0.00043	mg/Kg	☼	10/14/25 12:39	10/15/25 17:21	1
Ethylene Dibromide	0.00093	U	0.00093	0.00047	mg/Kg	☼	10/14/25 12:39	10/15/25 17:21	1
Isopropylbenzene	0.00093	U	0.00093	0.00026	mg/Kg	☼	10/14/25 12:39	10/15/25 17:21	1
Methyl acetate	0.0046	U	0.0046	0.0040	mg/Kg	☼	10/14/25 12:39	10/15/25 17:21	1
Methyl tert-butyl ether	0.00093	U	0.00093	0.00048	mg/Kg	☼	10/14/25 12:39	10/15/25 17:21	1
Methylcyclohexane	0.00093	U	0.00093	0.00046	mg/Kg	☼	10/14/25 12:39	10/15/25 17:21	1
Methylene Chloride	0.0019	U	0.0019	0.0011	mg/Kg	☼	10/14/25 12:39	10/15/25 17:21	1
m-Xylene & p-Xylene	0.00093	U	0.00093	0.00039	mg/Kg	☼	10/14/25 12:39	10/15/25 17:21	1
n-Butylbenzene	0.00093	U	0.00093	0.00027	mg/Kg	☼	10/14/25 12:39	10/15/25 17:21	1
N-Propylbenzene	0.00093	U	0.00093	0.00042	mg/Kg	☼	10/14/25 12:39	10/15/25 17:21	1
o-Xylene	0.00093	U	0.00093	0.00043	mg/Kg	☼	10/14/25 12:39	10/15/25 17:21	1
sec-Butylbenzene	0.00093	U	0.00093	0.00027	mg/Kg	☼	10/14/25 12:39	10/15/25 17:21	1
Styrene	0.00093	U	0.00093	0.00026	mg/Kg	☼	10/14/25 12:39	10/15/25 17:21	1

Client Sample ID: 52A_0-4
Date Collected: 10/10/25 12:10
Date Received: 10/10/25 17:30

Lab Sample ID: 460-337049-1
Matrix: Solid
Percent Solids: 95.4

Method: SW846 8260D - Volatile Organic Compounds by GC/MS (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
tert-Butylbenzene	0.00093	U	0.00093	0.00026	mg/Kg	☼	10/14/25 12:39	10/15/25 17:21	1
Tetrachloroethene	0.00093	U	0.00093	0.00028	mg/Kg	☼	10/14/25 12:39	10/15/25 17:21	1
Toluene	0.00093	U	0.00093	0.00022	mg/Kg	☼	10/14/25 12:39	10/15/25 17:21	1
trans-1,2-Dichloroethene	0.00093	U	0.00093	0.00023	mg/Kg	☼	10/14/25 12:39	10/15/25 17:21	1
trans-1,3-Dichloropropene	0.00093	U	0.00093	0.00025	mg/Kg	☼	10/14/25 12:39	10/15/25 17:21	1
Trichloroethene	0.00093	U	0.00093	0.00030	mg/Kg	☼	10/14/25 12:39	10/15/25 17:21	1
Trichlorofluoromethane	0.00093	U	0.00093	0.00038	mg/Kg	☼	10/14/25 12:39	10/15/25 17:21	1
Vinyl chloride	0.00093	U	0.00093	0.00051	mg/Kg	☼	10/14/25 12:39	10/15/25 17:21	1
Xylenes, Total	0.0019	U	0.0019	0.00016	mg/Kg	☼	10/14/25 12:39	10/15/25 17:21	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,2-Dichloroethane-d4 (Surr)	*107*		*65 - 138*	*10/14/25 12:39*	*10/15/25 17:21*	*1*
4-Bromofluorobenzene	*104*		*71 - 128*	*10/14/25 12:39*	*10/15/25 17:21*	*1*
Dibromofluoromethane (Surr)	*102*		*50 - 150*	*10/14/25 12:39*	*10/15/25 17:21*	*1*
Toluene-d8 (Surr)	*97*		*71 - 126*	*10/14/25 12:39*	*10/15/25 17:21*	*1*

Method: SW846 8270E - Semivolatile Organic Compounds (GC/MS)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1'-Biphenyl	0.35	U	0.35	0.012	mg/Kg	☼	10/13/25 10:32	10/14/25 03:17	1
1,2,4,5-Tetrachlorobenzene	0.35	U	0.35	0.011	mg/Kg	☼	10/13/25 10:32	10/14/25 03:17	1
1,4-Dioxane	0.035	U	0.035	0.030	mg/Kg	☼	10/13/25 10:32	10/14/25 03:17	1
2,2'-oxybis[1-chloropropane]	0.35	U	0.35	0.021	mg/Kg	☼	10/13/25 10:32	10/14/25 03:17	1
2,3,4,6-Tetrachlorophenol	0.35	U	0.35	0.024	mg/Kg	☼	10/13/25 10:32	10/14/25 03:17	1
2,4,5-Trichlorophenol	0.35	U	0.35	0.035	mg/Kg	☼	10/13/25 10:32	10/14/25 03:17	1
2,4,6-Trichlorophenol	0.14	U	0.14	0.045	mg/Kg	☼	10/13/25 10:32	10/14/25 03:17	1
2,4-Dichlorophenol	0.14	U	0.14	0.022	mg/Kg	☼	10/13/25 10:32	10/14/25 03:17	1
2,4-Dimethylphenol	0.35	U	0.35	0.041	mg/Kg	☼	10/13/25 10:32	10/14/25 03:17	1
2,4-Dinitrophenol	0.28	U *	0.28	0.17	mg/Kg	☼	10/13/25 10:32	10/14/25 03:17	1
2,4-Dinitrotoluene	0.070	U	0.070	0.037	mg/Kg	☼	10/13/25 10:32	10/14/25 03:17	1
2,6-Dinitrotoluene	0.070	U	0.070	0.025	mg/Kg	☼	10/13/25 10:32	10/14/25 03:17	1
2-Chloronaphthalene	0.35	U	0.35	0.045	mg/Kg	☼	10/13/25 10:32	10/14/25 03:17	1
2-Chlorophenol	0.35	U	0.35	0.012	mg/Kg	☼	10/13/25 10:32	10/14/25 03:17	1
2-Methylnaphthalene	**0.068**	**J**	0.35	0.0097	mg/Kg	☼	10/13/25 10:32	10/14/25 03:17	1
2-Methylphenol	0.35	U	0.35	0.013	mg/Kg	☼	10/13/25 10:32	10/14/25 03:17	1
2-Nitroaniline	0.35	U	0.35	0.026	mg/Kg	☼	10/13/25 10:32	10/14/25 03:17	1
2-Nitrophenol	0.35	U	0.35	0.035	mg/Kg	☼	10/13/25 10:32	10/14/25 03:17	1
3 & 4 Methylphenol	0.35	U	0.35	0.022	mg/Kg	☼	10/13/25 10:32	10/14/25 03:17	1
3,3'-Dichlorobenzidine	0.14	U	0.14	0.052	mg/Kg	☼	10/13/25 10:32	10/14/25 03:17	1
3-Nitroaniline	0.35	U	0.35	0.082	mg/Kg	☼	10/13/25 10:32	10/14/25 03:17	1
4,6-Dinitro-2-methylphenol	0.28	U *	0.28	0.14	mg/Kg	☼	10/13/25 10:32	10/14/25 03:17	1
4-Bromophenyl phenyl ether	0.35	U	0.35	0.014	mg/Kg	☼	10/13/25 10:32	10/14/25 03:17	1
4-Chloro-3-methylphenol	0.35	U	0.35	0.019	mg/Kg	☼	10/13/25 10:32	10/14/25 03:17	1
4-Chloroaniline	0.35	U	0.35	0.062	mg/Kg	☼	10/13/25 10:32	10/14/25 03:17	1
4-Chlorophenyl phenyl ether	0.35	U	0.35	0.012	mg/Kg	☼	10/13/25 10:32	10/14/25 03:17	1
4-Methylphenol	0.35	U	0.35	0.022	mg/Kg	☼	10/13/25 10:32	10/14/25 03:17	1
4-Nitroaniline	0.35	U	0.35	0.088	mg/Kg	☼	10/13/25 10:32	10/14/25 03:17	1
4-Nitrophenol	0.70	U	0.70	0.057	mg/Kg	☼	10/13/25 10:32	10/14/25 03:17	1
Acenaphthene	0.35	U	0.35	0.0099	mg/Kg	☼	10/13/25 10:32	10/14/25 03:17	1
Acenaphthylene	**0.035**	**J**	0.35	0.0099	mg/Kg	☼	10/13/25 10:32	10/14/25 03:17	1
Acetophenone	0.35	U	0.35	0.017	mg/Kg	☼	10/13/25 10:32	10/14/25 03:17	1

Client Sample ID: 52A_0-4

Date Collected: 10/10/25 12:10
Date Received: 10/10/25 17:30

Lab Sample ID: 460-337049-1

Matrix: Solid
Percent Solids: 95.4

Method: SW846 8270E - Semivolatile Organic Compounds (GC/MS) (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Anthracene	**0.025**	**J**	0.35	0.011	mg/Kg	☼	10/13/25 10:32	10/14/25 03:17	1
Atrazine	0.14	U	0.14	0.020	mg/Kg	☼	10/13/25 10:32	10/14/25 03:17	1
Benzaldehyde	0.35	U	0.35	0.057	mg/Kg	☼	10/13/25 10:32	10/14/25 03:17	1
Benzo[a]anthracene	**0.080**		0.035	0.026	mg/Kg	☼	10/13/25 10:32	10/14/25 03:17	1
Benzo[a]pyrene	**0.10**		0.035	0.0092	mg/Kg	☼	10/13/25 10:32	10/14/25 03:17	1
Benzo[b]fluoranthene	**0.11**		0.035	0.0090	mg/Kg	☼	10/13/25 10:32	10/14/25 03:17	1
Benzo[g,h,i]perylene	**0.076**	**J**	0.35	0.010	mg/Kg	☼	10/13/25 10:32	10/14/25 03:17	1
Benzo[k]fluoranthene	**0.038**		0.035	0.0068	mg/Kg	☼	10/13/25 10:32	10/14/25 03:17	1
Bis(2-chloroethoxy)methane	0.35	U	0.35	0.064	mg/Kg	☼	10/13/25 10:32	10/14/25 03:17	1
Bis(2-chloroethyl)ether	0.035	U	0.035	0.012	mg/Kg	☼	10/13/25 10:32	10/14/25 03:17	1
Bis(2-ethylhexyl) phthalate	0.35	U	0.35	0.018	mg/Kg	☼	10/13/25 10:32	10/14/25 03:17	1
Butyl benzyl phthalate	0.35	U	0.35	0.016	mg/Kg	☼	10/13/25 10:32	10/14/25 03:17	1
Caprolactam	0.35	U	0.35	0.054	mg/Kg	☼	10/13/25 10:32	10/14/25 03:17	1
Carbazole	0.35	U	0.35	0.013	mg/Kg	☼	10/13/25 10:32	10/14/25 03:17	1
Chrysene	**0.11**	**J**	0.35	0.015	mg/Kg	☼	10/13/25 10:32	10/14/25 03:17	1
Dibenz(a,h)anthracene	**0.017**	**J**	0.035	0.015	mg/Kg	☼	10/13/25 10:32	10/14/25 03:17	1
Dibenzofuran	0.35	U	0.35	0.012	mg/Kg	☼	10/13/25 10:32	10/14/25 03:17	1
Diethyl phthalate	0.35	U	0.35	0.011	mg/Kg	☼	10/13/25 10:32	10/14/25 03:17	1
Dimethyl phthalate	0.35	U	0.35	0.079	mg/Kg	☼	10/13/25 10:32	10/14/25 03:17	1
Di-n-butyl phthalate	**0.020**	**J**	0.35	0.013	mg/Kg	☼	10/13/25 10:32	10/14/25 03:17	1
Di-n-octyl phthalate	0.35	U	0.35	0.018	mg/Kg	☼	10/13/25 10:32	10/14/25 03:17	1
Fluoranthene	**0.091**	**J**	0.35	0.012	mg/Kg	☼	10/13/25 10:32	10/14/25 03:17	1
Fluorene	0.35	U	0.35	0.010	mg/Kg	☼	10/13/25 10:32	10/14/25 03:17	1
Hexachlorobenzene	0.035	U	0.035	0.016	mg/Kg	☼	10/13/25 10:32	10/14/25 03:17	1
Hexachlorobutadiene	0.070	U	0.070	0.0074	mg/Kg	☼	10/13/25 10:32	10/14/25 03:17	1
Hexachlorocyclopentadiene	0.35	U	0.35	0.030	mg/Kg	☼	10/13/25 10:32	10/14/25 03:17	1
Hexachloroethane	0.035	U	0.035	0.012	mg/Kg	☼	10/13/25 10:32	10/14/25 03:17	1
Indeno[1,2,3-cd]pyrene	**0.060**		0.035	0.014	mg/Kg	☼	10/13/25 10:32	10/14/25 03:17	1
Isophorone	0.14	U	0.14	0.10	mg/Kg	☼	10/13/25 10:32	10/14/25 03:17	1
Naphthalene	**0.055**	**J**	0.35	0.0060	mg/Kg	☼	10/13/25 10:32	10/14/25 03:17	1
Nitrobenzene	0.035	U	0.035	0.019	mg/Kg	☼	10/13/25 10:32	10/14/25 03:17	1
N-Nitrosodi-n-propylamine	0.035	U	0.035	0.025	mg/Kg	☼	10/13/25 10:32	10/14/25 03:17	1
N-Nitrosodiphenylamine	0.35	U	0.35	0.029	mg/Kg	☼	10/13/25 10:32	10/14/25 03:17	1
Pentachlorophenol	0.28	U	0.28	0.071	mg/Kg	☼	10/13/25 10:32	10/14/25 03:17	1
Phenanthrene	**0.062**	**J**	0.35	0.014	mg/Kg	☼	10/13/25 10:32	10/14/25 03:17	1
Phenol	0.35	U	0.35	0.013	mg/Kg	☼	10/13/25 10:32	10/14/25 03:17	1
Pyrene	**0.12**	**J**	0.35	0.0086	mg/Kg	☼	10/13/25 10:32	10/14/25 03:17	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
2,4,6-Tribromophenol (Surr)	*64*		*18 - 137*	*10/13/25 10:32*	*10/14/25 03:17*	*1*
2-Fluorobiphenyl	*62*		*33 - 117*	*10/13/25 10:32*	*10/14/25 03:17*	*1*
2-Fluorophenol (Surr)	*63*		*24 - 120*	*10/13/25 10:32*	*10/14/25 03:17*	*1*
Nitrobenzene-d5 (Surr)	*56*		*27 - 120*	*10/13/25 10:32*	*10/14/25 03:17*	*1*
Phenol-d5 (Surr)	*62*		*28 - 118*	*10/13/25 10:32*	*10/14/25 03:17*	*1*
Terphenyl-d14 (Surr)	*65*		*33 - 124*	*10/13/25 10:32*	*10/14/25 03:17*	*1*

Method: SW846 8081B - Organochlorine Pesticides (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
4,4'-DDD	0.0070	U	0.0070	0.0012	mg/Kg	☼	10/13/25 05:42	10/15/25 08:02	1
4,4'-DDE	0.0070	U	0.0070	0.00083	mg/Kg	☼	10/13/25 05:42	10/15/25 08:02	1

Client Sample ID: 52A_0-4

Date Collected: 10/10/25 12:10
Date Received: 10/10/25 17:30

Lab Sample ID: 460-337049-1

Matrix: Solid
Percent Solids: 95.4

Method: SW846 8081B - Organochlorine Pesticides (GC) (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
4,4'-DDT	**0.0034**	**J**	0.0070	0.0013	mg/Kg	☼	10/13/25 05:42	10/15/25 08:02	1
Aldrin	0.0070	U	0.0070	0.0011	mg/Kg	☼	10/13/25 05:42	10/15/25 08:02	1
alpha-BHC	0.0021	U	0.0021	0.00071	mg/Kg	☼	10/13/25 05:42	10/15/25 08:02	1
beta-BHC	0.0021	U	0.0021	0.00078	mg/Kg	☼	10/13/25 05:42	10/15/25 08:02	1
Chlordane (technical)	0.070	U	0.070	0.017	mg/Kg	☼	10/13/25 05:42	10/15/25 08:02	1
cis-Chlordane	0.0070	U	0.0070	0.0011	mg/Kg	☼	10/13/25 05:42	10/15/25 08:02	1
delta-BHC	0.0021	U	0.0021	0.00043	mg/Kg	☼	10/13/25 05:42	10/15/25 08:02	1
Dieldrin	0.0021	U	0.0021	0.00091	mg/Kg	☼	10/13/25 05:42	10/15/25 08:02	1
Endosulfan I	0.0070	U	0.0070	0.0011	mg/Kg	☼	10/13/25 05:42	10/15/25 08:02	1
Endosulfan II	0.0070	U	0.0070	0.0018	mg/Kg	☼	10/13/25 05:42	10/15/25 08:02	1
Endosulfan sulfate	0.0070	U	0.0070	0.00088	mg/Kg	☼	10/13/25 05:42	10/15/25 08:02	1
Endrin	0.0070	U	0.0070	0.0010	mg/Kg	☼	10/13/25 05:42	10/15/25 08:02	1
Endrin aldehyde	0.0070	U	0.0070	0.0017	mg/Kg	☼	10/13/25 05:42	10/15/25 08:02	1
Endrin ketone	0.0070	U	0.0070	0.0014	mg/Kg	☼	10/13/25 05:42	10/15/25 08:02	1
gamma-BHC (Lindane)	0.0021	U	0.0021	0.00065	mg/Kg	☼	10/13/25 05:42	10/15/25 08:02	1
Heptachlor	0.0070	U	0.0070	0.00083	mg/Kg	☼	10/13/25 05:42	10/15/25 08:02	1
Heptachlor epoxide	0.0070	U	0.0070	0.0010	mg/Kg	☼	10/13/25 05:42	10/15/25 08:02	1
Methoxychlor	0.0070	U	0.0070	0.0016	mg/Kg	☼	10/13/25 05:42	10/15/25 08:02	1
Toxaphene	0.070	U	0.070	0.025	mg/Kg	☼	10/13/25 05:42	10/15/25 08:02	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
DCB Decachlorobiphenyl	*84*		*10 - 150*	*10/13/25 05:42*	*10/15/25 08:02*	*1*
DCB Decachlorobiphenyl	*81*		*10 - 150*	*10/13/25 05:42*	*10/15/25 08:02*	*1*
Tetrachloro-m-xylene	*105*		*14 - 150*	*10/13/25 05:42*	*10/15/25 08:02*	*1*
Tetrachloro-m-xylene	*101*		*14 - 150*	*10/13/25 05:42*	*10/15/25 08:02*	*1*

Method: SW846 8082A - Polychlorinated Biphenyls (PCBs) by Gas Chromatography

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Aroclor 1016	0.070	U	0.070	0.019	mg/Kg	☼	10/13/25 06:37	10/14/25 21:30	1
Aroclor 1221	0.070	U	0.070	0.019	mg/Kg	☼	10/13/25 06:37	10/14/25 21:30	1
Aroclor 1232	0.070	U	0.070	0.019	mg/Kg	☼	10/13/25 06:37	10/14/25 21:30	1
Aroclor 1242	0.070	U	0.070	0.019	mg/Kg	☼	10/13/25 06:37	10/14/25 21:30	1
Aroclor 1248	0.070	U	0.070	0.019	mg/Kg	☼	10/13/25 06:37	10/14/25 21:30	1
Aroclor 1254	0.070	U	0.070	0.019	mg/Kg	☼	10/13/25 06:37	10/14/25 21:30	1
Aroclor 1260	0.070	U	0.070	0.019	mg/Kg	☼	10/13/25 06:37	10/14/25 21:30	1
Aroclor-1262	0.070	U	0.070	0.019	mg/Kg	☼	10/13/25 06:37	10/14/25 21:30	1
Aroclor 1268	0.070	U	0.070	0.019	mg/Kg	☼	10/13/25 06:37	10/14/25 21:30	1
Polychlorinated biphenyls, Total	0.070	U	0.070	0.019	mg/Kg	☼	10/13/25 06:37	10/14/25 21:30	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
DCB Decachlorobiphenyl	*104*		*10 - 150*	*10/13/25 06:37*	*10/14/25 21:30*	*1*
DCB Decachlorobiphenyl	*107*		*10 - 150*	*10/13/25 06:37*	*10/14/25 21:30*	*1*
Tetrachloro-m-xylene	*134*		*10 - 150*	*10/13/25 06:37*	*10/14/25 21:30*	*1*
Tetrachloro-m-xylene	*132*		*10 - 150*	*10/13/25 06:37*	*10/14/25 21:30*	*1*

Method: EPA 1633A - Per- and Polyfluoroalkyl Substances by LC/MS/MS, 1633A

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Perfluorobutanoic acid (PFBA)	0.39	U	0.39	0.098	ug/Kg	☼	10/15/25 14:09	10/16/25 23:38	1
Perfluoropentanoic acid (PFPeA)	0.20	U	0.20	0.098	ug/Kg	☼	10/15/25 14:09	10/16/25 23:38	1
Perfluorohexanoic acid (PFHxA)	0.12	U	0.12	0.12	ug/Kg	☼	10/15/25 14:09	10/16/25 23:38	1

Client Sample ID: 52A_0-4
Date Collected: 10/10/25 12:10
Date Received: 10/10/25 17:30

Lab Sample ID: 460-337049-1
Matrix: Solid
Percent Solids: 95.4

Method: EPA 1633A - Per- and Polyfluoroalkyl Substances by LC/MS/MS, 1633A (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Perfluoroheptanoic acid (PFHpA)	**0.17**	**J**	0.20	0.098	ug/Kg	☼	10/15/25 14:09	10/16/25 23:38	1
Perfluorooctanoic acid (PFOA)	**0.24**		0.20	0.059	ug/Kg	☼	10/15/25 14:09	10/16/25 23:38	1
Perfluorononanoic acid (PFNA)	**0.45**		0.20	0.098	ug/Kg	☼	10/15/25 14:09	10/16/25 23:38	1
Perfluorodecanoic acid (PFDA)	**0.76**		0.20	0.059	ug/Kg	☼	10/15/25 14:09	10/16/25 23:38	1
Perfluoroundecanoic acid (PFUnA)	**2.45**		0.20	0.098	ug/Kg	☼	10/15/25 14:09	10/16/25 23:38	1
Perfluorododecanoic acid (PFDoA)	**0.56**		0.20	0.098	ug/Kg	☼	10/15/25 14:09	10/16/25 23:38	1
Perfluorotridecanoic acid (PFTrDA)	**2.07**		0.20	0.098	ug/Kg	☼	10/15/25 14:09	10/16/25 23:38	1
Perfluorotetradecanoic acid (PFTeDA)	**0.19**	**J**	0.20	0.098	ug/Kg	☼	10/15/25 14:09	10/16/25 23:38	1
Perfluorobutanesulfonic acid (PFBS)	0.20	U	0.20	0.098	ug/Kg	☼	10/15/25 14:09	10/16/25 23:38	1
Perfluoropentanesulfonic acid (PFPeS)	0.20	U	0.20	0.098	ug/Kg	☼	10/15/25 14:09	10/16/25 23:38	1
Perfluorohexanesulfonic acid (PFHxS)	0.20	U	0.20	0.098	ug/Kg	☼	10/15/25 14:09	10/16/25 23:38	1
Perfluoroheptanesulfonic acid (PFHpS)	0.20	U	0.20	0.098	ug/Kg	☼	10/15/25 14:09	10/16/25 23:38	1
Perfluorooctanesulfonic acid (PFOS)	0.20	U	0.20	0.098	ug/Kg	☼	10/15/25 14:09	10/16/25 23:38	1
Perfluorononanesulfonic acid (PFNS)	0.20	U	0.20	0.098	ug/Kg	☼	10/15/25 14:09	10/16/25 23:38	1
Perfluorodecanesulfonic acid (PFDS)	0.20	U	0.20	0.098	ug/Kg	☼	10/15/25 14:09	10/16/25 23:38	1
Perfluorododecanesulfonic acid (PFDoS)	0.20	U	0.20	0.098	ug/Kg	☼	10/15/25 14:09	10/16/25 23:38	1
1H,1H,2H,2H-Perfluorohexane sulfonic acid (4:2 FTS)	0.39	U	0.39	0.20	ug/Kg	☼	10/15/25 14:09	10/16/25 23:38	1
1H,1H,2H,2H-Perfluorooctane sulfonic acid (6:2 FTS)	0.39	U	0.39	0.20	ug/Kg	☼	10/15/25 14:09	10/16/25 23:38	1
1H,1H,2H,2H-Perfluorodecane sulfonic acid (8:2 FTS)	**3.75**		0.39	0.20	ug/Kg	☼	10/15/25 14:09	10/16/25 23:38	1
Perfluorooctanesulfonamide (PFOSA)	0.20	U	0.20	0.098	ug/Kg	☼	10/15/25 14:09	10/16/25 23:38	1
N-methylperfluorooctane sulfonamide (NMeFOSA)	0.20	U	0.20	0.098	ug/Kg	☼	10/15/25 14:09	10/16/25 23:38	1
N-ethylperfluorooctane sulfonamide (NEtFOSA)	0.20	U	0.20	0.098	ug/Kg	☼	10/15/25 14:09	10/16/25 23:38	1
N-methylperfluorooctanesulfonamidoacetic acid (NMeFOSAA)	0.20	U	0.20	0.098	ug/Kg	☼	10/15/25 14:09	10/16/25 23:38	1
N-ethylperfluorooctanesulfonamidoacetic acid (NEtFOSAA)	0.20	U	0.20	0.098	ug/Kg	☼	10/15/25 14:09	10/16/25 23:38	1
N-methylperfluorooctane sulfonamidoethanol (NMeFOSE)	0.98	U	0.98	0.49	ug/Kg	☼	10/15/25 14:09	10/16/25 23:38	1
N-ethylperfluorooctane sulfonamidoethanol (NEtFOSE)	0.98	U	0.98	0.49	ug/Kg	☼	10/15/25 14:09	10/16/25 23:38	1
Hexafluoropropylene Oxide Dimer Acid (HFPO-DA)	0.20	U	0.20	0.098	ug/Kg	☼	10/15/25 14:09	10/16/25 23:38	1
4,8-Dioxa-3H-perfluorononanoic acid (ADONA)	0.20	U	0.20	0.098	ug/Kg	☼	10/15/25 14:09	10/16/25 23:38	1
Perfluoro-3-methoxypropanoic acid (PFMPA)	0.20	U	0.20	0.098	ug/Kg	☼	10/15/25 14:09	10/16/25 23:38	1
Perfluoro-4-methoxybutanoic acid (PFMBA)	0.20	U	0.20	0.098	ug/Kg	☼	10/15/25 14:09	10/16/25 23:38	1
Nonafluoro-3,6-dioxaheptanoic acid (NFDHA)	0.20	U	0.20	0.098	ug/Kg	☼	10/15/25 14:09	10/16/25 23:38	1
9-Chlorohexadecafluoro-3-oxanonane-1-sulfonic acid (9Cl-PF3ONS)	0.20	U	0.20	0.098	ug/Kg	☼	10/15/25 14:09	10/16/25 23:38	1

Client Sample ID: 52A_0-4
Date Collected: 10/10/25 12:10
Date Received: 10/10/25 17:30

Lab Sample ID: 460-337049-1
Matrix: Solid
Percent Solids: 95.4

Method: EPA 1633A - Per- and Polyfluoroalkyl Substances by LC/MS/MS, 1633A (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
11-Chloroeicosafluoro-3-oxaundecane-1-sulfonic acid (11Cl-PF3OUdS)	0.20	U	0.20	0.098	ug/Kg	☼	10/15/25 14:09	10/16/25 23:38	1
Perfluoro (2-ethoxyethane) sulfonic acid (PFEESA)	0.20	U	0.20	0.098	ug/Kg	☼	10/15/25 14:09	10/16/25 23:38	1
3-Perfluoropropylpropanoic acid (3:3 FTCA)	0.39	U	0.39	0.20	ug/Kg	☼	10/15/25 14:09	10/16/25 23:38	1
3-Perfluoropentylpropanoic acid (5:3 FTCA)	0.98	U	0.98	0.49	ug/Kg	☼	10/15/25 14:09	10/16/25 23:38	1
3-Perfluoroheptylpropanoic acid (7:3 FTCA)	**0.79**	**J**	0.98	0.49	ug/Kg	☼	10/15/25 14:09	10/16/25 23:38	1

Isotope Dilution	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
13C4 PFBA	*100*		*8 - 130*	*10/15/25 14:09*	*10/16/25 23:38*	*1*
13C5 PFPeA	*92.1*		*35 - 130*	*10/15/25 14:09*	*10/16/25 23:38*	*1*
13C5 PFHxA	*98.4*		*40 - 130*	*10/15/25 14:09*	*10/16/25 23:38*	*1*
13C4 PFHpA	*91.1*		*40 - 130*	*10/15/25 14:09*	*10/16/25 23:38*	*1*
13C8 PFOA	*98.9*		*40 - 130*	*10/15/25 14:09*	*10/16/25 23:38*	*1*
13C9 PFNA	*94.7*		*40 - 130*	*10/15/25 14:09*	*10/16/25 23:38*	*1*
13C6 PFDA	*92.6*		*40 - 130*	*10/15/25 14:09*	*10/16/25 23:38*	*1*
13C7 PFUnA	*87.1*		*40 - 130*	*10/15/25 14:09*	*10/16/25 23:38*	*1*
13C2 PFTeDA	*73.8*		*20 - 130*	*10/15/25 14:09*	*10/16/25 23:38*	*1*
13C3 PFBS	*83.3*		*40 - 135*	*10/15/25 14:09*	*10/16/25 23:38*	*1*
13C3 PFHxS	*86.4*		*40 - 130*	*10/15/25 14:09*	*10/16/25 23:38*	*1*
13C8 PFOS	*83.7*		*40 - 130*	*10/15/25 14:09*	*10/16/25 23:38*	*1*
13C8 FOSA	*91.1*		*40 - 130*	*10/15/25 14:09*	*10/16/25 23:38*	*1*
d3-NMeFOSAA	*89.5*		*40 - 135*	*10/15/25 14:09*	*10/16/25 23:38*	*1*
d5-NEtFOSAA	*81.5*		*40 - 150*	*10/15/25 14:09*	*10/16/25 23:38*	*1*
13C2 4:2 FTS	*162*		*40 - 165*	*10/15/25 14:09*	*10/16/25 23:38*	*1*
13C2 6:2 FTS	*162*		*40 - 215*	*10/15/25 14:09*	*10/16/25 23:38*	*1*
13C2 8:2 FTS	*174*		*40 - 275*	*10/15/25 14:09*	*10/16/25 23:38*	*1*
13C3 HFPO-DA	*99.6*		*40 - 130*	*10/15/25 14:09*	*10/16/25 23:38*	*1*
d7-N-MeFOSE-M	*46.4*		*20 - 130*	*10/15/25 14:09*	*10/16/25 23:38*	*1*
d9-N-EtFOSE-M	*32.4*		*15 - 130*	*10/15/25 14:09*	*10/16/25 23:38*	*1*
d5-NEtPFOSA	*71.0*		*10 - 130*	*10/15/25 14:09*	*10/16/25 23:38*	*1*
d3-NMePFOSA	*74.0*		*10 - 130*	*10/15/25 14:09*	*10/16/25 23:38*	*1*
13C2 PFDoA	*83.7*		*40 - 130*	*10/15/25 14:09*	*10/16/25 23:38*	*1*

Method: SW846 6020B - Metals (ICP/MS)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Aluminum	**7150**		16.1	4.4	mg/Kg	☼	10/17/25 20:20	10/18/25 18:01	1
Antimony	**2.6**		0.81	0.12	mg/Kg	☼	10/17/25 20:20	10/18/25 18:01	1
Arsenic	**8.6**		0.81	0.083	mg/Kg	☼	10/17/25 20:20	10/18/25 18:01	1
Barium	**52.6**		1.6	0.12	mg/Kg	☼	10/17/25 20:20	10/18/25 18:01	1
Beryllium	**1.1**		0.32	0.018	mg/Kg	☼	10/17/25 20:20	10/18/25 18:01	1
Cadmium	**0.33**	**J**	0.81	0.091	mg/Kg	☼	10/17/25 20:20	10/18/25 18:01	1
Calcium	**3290**		80.7	7.8	mg/Kg	☼	10/17/25 20:20	10/18/25 18:01	1
Chromium	**36.5**		1.6	0.24	mg/Kg	☼	10/17/25 20:20	10/18/25 18:01	1
Cobalt	**11.3**		0.81	0.12	mg/Kg	☼	10/17/25 20:20	10/18/25 18:01	1
Copper	**104**		1.6	0.30	mg/Kg	☼	10/17/25 20:20	10/18/25 18:01	1
Iron	**23400**		48.4	6.2	mg/Kg	☼	10/17/25 20:20	10/18/25 18:01	1
Lead	**164**		0.48	0.16	mg/Kg	☼	10/17/25 20:20	10/18/25 18:01	1
Magnesium	**3060**		80.7	8.2	mg/Kg	☼	10/17/25 20:20	10/18/25 18:01	1

Client Sample ID: 52A_0-4

Date Collected: 10/10/25 12:10
Date Received: 10/10/25 17:30

Lab Sample ID: 460-337049-1

Matrix: Solid
Percent Solids: 95.4

Method: SW846 6020B - Metals (ICP/MS) (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Manganese	140		3.2	0.33	mg/Kg	☼	10/17/25 20:20	10/18/25 18:01	1
Nickel	48.5		1.6	0.14	mg/Kg	☼	10/17/25 20:20	10/18/25 18:01	1
Potassium	1420		80.7	13.1	mg/Kg	☼	10/17/25 20:20	10/18/25 18:01	1
Selenium	0.69	J	1.0	0.10	mg/Kg	☼	10/17/25 20:20	10/18/25 18:01	1
Silver	0.31	J	0.32	0.072	mg/Kg	☼	10/17/25 20:20	10/18/25 18:01	1
Sodium	96.6		80.7	36.9	mg/Kg	☼	10/17/25 20:20	10/18/25 18:01	1
Thallium	0.074	J	0.32	0.033	mg/Kg	☼	10/17/25 20:20	10/18/25 18:01	1
Vanadium	29.7		1.6	0.17	mg/Kg	☼	10/17/25 20:20	10/18/25 18:01	1
Zinc	306		6.5	0.88	mg/Kg	☼	10/17/25 20:20	10/18/25 18:01	1

Method: SW846 7471B - Mercury (CVAA)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	0.036		0.018	0.0083	mg/Kg	☼	10/22/25 01:14	10/22/25 06:56	1

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Percent Moisture (EPA Moisture)	4.6		1.0	1.0	%			10/13/25 17:10	1
Percent Solids (EPA Moisture)	95.4		1.0	1.0	%			10/13/25 17:10	1

Client Sample ID: 52A_4-8

Date Collected: 10/10/25 12:20
Date Received: 10/10/25 17:30

Lab Sample ID: 460-337049-2

Matrix: Solid
Percent Solids: 91.2

Method: SW846 8260D - Volatile Organic Compounds by GC/MS

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1-Trichloroethane	0.00093	U	0.00093	0.00022	mg/Kg	☼	10/14/25 12:40	10/15/25 17:45	1
1,1,2,2-Tetrachloroethane	0.00093	U	0.00093	0.00048	mg/Kg	☼	10/14/25 12:40	10/15/25 17:45	1
1,1,2-Trichloro-1,2,2-trifluoroethane	0.00093	U	0.00093	0.00028	mg/Kg	☼	10/14/25 12:40	10/15/25 17:45	1
1,1,2-Trichloroethane	0.00093	U	0.00093	0.00056	mg/Kg	☼	10/14/25 12:40	10/15/25 17:45	1
1,1-Dichloroethane	0.00093	U	0.00093	0.00055	mg/Kg	☼	10/14/25 12:40	10/15/25 17:45	1
1,1-Dichloroethene	0.00093	U	0.00093	0.00021	mg/Kg	☼	10/14/25 12:40	10/15/25 17:45	1
1,2,3-Trichlorobenzene	0.00093	U	0.00093	0.00068	mg/Kg	☼	10/14/25 12:40	10/15/25 17:45	1
1,2,4-Trichlorobenzene	0.00093	U	0.00093	0.00033	mg/Kg	☼	10/14/25 12:40	10/15/25 17:45	1
1,2,4-Trimethylbenzene	0.00093	U	0.00093	0.00023	mg/Kg	☼	10/14/25 12:40	10/15/25 17:45	1
1,2-Dibromo-3-Chloropropane	0.00093	U	0.00093	0.00043	mg/Kg	☼	10/14/25 12:40	10/15/25 17:45	1
1,2-Dichlorobenzene	0.00093	U	0.00093	0.00033	mg/Kg	☼	10/14/25 12:40	10/15/25 17:45	1
1,2-Dichloroethane	0.00093	U	0.00093	0.00027	mg/Kg	☼	10/14/25 12:40	10/15/25 17:45	1
1,2-Dichloropropane	0.00093	U	0.00093	0.00039	mg/Kg	☼	10/14/25 12:40	10/15/25 17:45	1
1,3,5-Trimethylbenzene	0.00093	U	0.00093	0.00029	mg/Kg	☼	10/14/25 12:40	10/15/25 17:45	1
1,3-Dichlorobenzene	0.00093	U	0.00093	0.00034	mg/Kg	☼	10/14/25 12:40	10/15/25 17:45	1
1,4-Dichlorobenzene	0.00093	U	0.00093	0.00048	mg/Kg	☼	10/14/25 12:40	10/15/25 17:45	1
2-Butanone (MEK)	0.0046	U	0.0046	0.00034	mg/Kg	☼	10/14/25 12:40	10/15/25 17:45	1
2-Hexanone	0.0046	U	0.0046	0.0016	mg/Kg	☼	10/14/25 12:40	10/15/25 17:45	1
4-Methyl-2-pentanone (MIBK)	0.0046	U	0.0046	0.0014	mg/Kg	☼	10/14/25 12:40	10/15/25 17:45	1
Acetone	0.0056	U	0.0056	0.0053	mg/Kg	☼	10/14/25 12:40	10/15/25 17:45	1
Benzene	0.00093	U	0.00093	0.00052	mg/Kg	☼	10/14/25 12:40	10/15/25 17:45	1
Bromoform	0.00093	U	0.00093	0.00039	mg/Kg	☼	10/14/25 12:40	10/15/25 17:45	1
Bromomethane	0.0019	U	0.0019	0.00093	mg/Kg	☼	10/14/25 12:40	10/15/25 17:45	1
Carbon disulfide	0.00093	U	0.00093	0.00025	mg/Kg	☼	10/14/25 12:40	10/15/25 17:45	1
Carbon tetrachloride	0.00093	U	0.00093	0.00036	mg/Kg	☼	10/14/25 12:40	10/15/25 17:45	1

Client Sample ID: 52A_4-8
Date Collected: 10/10/25 12:20
Date Received: 10/10/25 17:30

Lab Sample ID: 460-337049-2
Matrix: Solid
Percent Solids: 91.2

Method: SW846 8260D - Volatile Organic Compounds by GC/MS (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chlorobenzene	0.00093	U	0.00093	0.00047	mg/Kg	☼	10/14/25 12:40	10/15/25 17:45	1
Chlorobromomethane	0.00093	U	0.00093	0.00055	mg/Kg	☼	10/14/25 12:40	10/15/25 17:45	1
Chlorodibromomethane	0.00093	U	0.00093	0.00050	mg/Kg	☼	10/14/25 12:40	10/15/25 17:45	1
Chloroethane	0.00093	U	0.00093	0.00048	mg/Kg	☼	10/14/25 12:40	10/15/25 17:45	1
Chloroform	0.00093	U	0.00093	0.00090	mg/Kg	☼	10/14/25 12:40	10/15/25 17:45	1
Chloromethane	0.00093	U	0.00093	0.00040	mg/Kg	☼	10/14/25 12:40	10/15/25 17:45	1
cis-1,2-Dichloroethene	0.00093	U	0.00093	0.00033	mg/Kg	☼	10/14/25 12:40	10/15/25 17:45	1
cis-1,3-Dichloropropene	0.00093	U	0.00093	0.00025	mg/Kg	☼	10/14/25 12:40	10/15/25 17:45	1
Cyclohexane	0.00093	U	0.00093	0.00020	mg/Kg	☼	10/14/25 12:40	10/15/25 17:45	1
Dichlorobromomethane	0.00093	U	0.00093	0.00024	mg/Kg	☼	10/14/25 12:40	10/15/25 17:45	1
Dichlorodifluoromethane	0.00093	U	0.00093	0.00031	mg/Kg	☼	10/14/25 12:40	10/15/25 17:45	1
Ethylbenzene	0.00093	U	0.00093	0.00043	mg/Kg	☼	10/14/25 12:40	10/15/25 17:45	1
Ethylene Dibromide	0.00093	U	0.00093	0.00047	mg/Kg	☼	10/14/25 12:40	10/15/25 17:45	1
Isopropylbenzene	0.00093	U	0.00093	0.00026	mg/Kg	☼	10/14/25 12:40	10/15/25 17:45	1
Methyl acetate	0.0046	U	0.0046	0.0040	mg/Kg	☼	10/14/25 12:40	10/15/25 17:45	1
Methyl tert-butyl ether	0.00093	U	0.00093	0.00047	mg/Kg	☼	10/14/25 12:40	10/15/25 17:45	1
Methylcyclohexane	0.00093	U	0.00093	0.00046	mg/Kg	☼	10/14/25 12:40	10/15/25 17:45	1
Methylene Chloride	**0.0012**	**J**	0.0019	0.0011	mg/Kg	☼	10/14/25 12:40	10/15/25 17:45	1
m-Xylene & p-Xylene	0.00093	U	0.00093	0.00039	mg/Kg	☼	10/14/25 12:40	10/15/25 17:45	1
n-Butylbenzene	0.00093	U	0.00093	0.00027	mg/Kg	☼	10/14/25 12:40	10/15/25 17:45	1
N-Propylbenzene	0.00093	U	0.00093	0.00042	mg/Kg	☼	10/14/25 12:40	10/15/25 17:45	1
o-Xylene	0.00093	U	0.00093	0.00043	mg/Kg	☼	10/14/25 12:40	10/15/25 17:45	1
sec-Butylbenzene	0.00093	U	0.00093	0.00027	mg/Kg	☼	10/14/25 12:40	10/15/25 17:45	1
Styrene	0.00093	U	0.00093	0.00026	mg/Kg	☼	10/14/25 12:40	10/15/25 17:45	1
tert-Butylbenzene	0.00093	U	0.00093	0.00026	mg/Kg	☼	10/14/25 12:40	10/15/25 17:45	1
Tetrachloroethene	0.00093	U	0.00093	0.00028	mg/Kg	☼	10/14/25 12:40	10/15/25 17:45	1
Toluene	0.00093	U	0.00093	0.00022	mg/Kg	☼	10/14/25 12:40	10/15/25 17:45	1
trans-1,2-Dichloroethene	0.00093	U	0.00093	0.00023	mg/Kg	☼	10/14/25 12:40	10/15/25 17:45	1
trans-1,3-Dichloropropene	0.00093	U	0.00093	0.00025	mg/Kg	☼	10/14/25 12:40	10/15/25 17:45	1
Trichloroethene	0.00093	U	0.00093	0.00030	mg/Kg	☼	10/14/25 12:40	10/15/25 17:45	1
Trichlorofluoromethane	0.00093	U	0.00093	0.00038	mg/Kg	☼	10/14/25 12:40	10/15/25 17:45	1
Vinyl chloride	0.00093	U	0.00093	0.00051	mg/Kg	☼	10/14/25 12:40	10/15/25 17:45	1
Xylenes, Total	0.0019	U	0.0019	0.00016	mg/Kg	☼	10/14/25 12:40	10/15/25 17:45	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,2-Dichloroethane-d4 (Surr)	*107*		*65 - 138*	*10/14/25 12:40*	*10/15/25 17:45*	*1*
4-Bromofluorobenzene	*103*		*71 - 128*	*10/14/25 12:40*	*10/15/25 17:45*	*1*
Dibromofluoromethane (Surr)	*104*		*50 - 150*	*10/14/25 12:40*	*10/15/25 17:45*	*1*
Toluene-d8 (Surr)	*96*		*71 - 126*	*10/14/25 12:40*	*10/15/25 17:45*	*1*

Method: SW846 8270E - Semivolatile Organic Compounds (GC/MS)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1'-Biphenyl	0.36	U	0.36	0.013	mg/Kg	☼	10/13/25 10:32	10/14/25 03:41	1
1,2,4,5-Tetrachlorobenzene	0.36	U	0.36	0.011	mg/Kg	☼	10/13/25 10:32	10/14/25 03:41	1
1,4-Dioxane	0.036	U	0.036	0.031	mg/Kg	☼	10/13/25 10:32	10/14/25 03:41	1
2,2'-oxybis[1-chloropropane]	0.36	U	0.36	0.022	mg/Kg	☼	10/13/25 10:32	10/14/25 03:41	1
2,3,4,6-Tetrachlorophenol	0.36	U	0.36	0.024	mg/Kg	☼	10/13/25 10:32	10/14/25 03:41	1
2,4,5-Trichlorophenol	0.36	U	0.36	0.037	mg/Kg	☼	10/13/25 10:32	10/14/25 03:41	1
2,4,6-Trichlorophenol	0.14	U	0.14	0.046	mg/Kg	☼	10/13/25 10:32	10/14/25 03:41	1
2,4-Dichlorophenol	0.14	U	0.14	0.023	mg/Kg	☼	10/13/25 10:32	10/14/25 03:41	1

Client Sample ID: 52A_4-8
Date Collected: 10/10/25 12:20
Date Received: 10/10/25 17:30

Lab Sample ID: 460-337049-2
Matrix: Solid
Percent Solids: 91.2

Method: SW846 8270E - Semivolatile Organic Compounds (GC/MS) (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
2,4-Dimethylphenol	0.36	U	0.36	0.043	mg/Kg	☼	10/13/25 10:32	10/14/25 03:41	1
2,4-Dinitrophenol	0.29	U *	0.29	0.18	mg/Kg	☼	10/13/25 10:32	10/14/25 03:41	1
2,4-Dinitrotoluene	0.073	U	0.073	0.039	mg/Kg	☼	10/13/25 10:32	10/14/25 03:41	1
2,6-Dinitrotoluene	0.073	U	0.073	0.026	mg/Kg	☼	10/13/25 10:32	10/14/25 03:41	1
2-Chloronaphthalene	0.36	U	0.36	0.046	mg/Kg	☼	10/13/25 10:32	10/14/25 03:41	1
2-Chlorophenol	0.36	U	0.36	0.013	mg/Kg	☼	10/13/25 10:32	10/14/25 03:41	1
2-Methylnaphthalene	**0.033**	**J**	0.36	0.010	mg/Kg	☼	10/13/25 10:32	10/14/25 03:41	1
2-Methylphenol	0.36	U	0.36	0.013	mg/Kg	☼	10/13/25 10:32	10/14/25 03:41	1
2-Nitroaniline	0.36	U	0.36	0.027	mg/Kg	☼	10/13/25 10:32	10/14/25 03:41	1
2-Nitrophenol	0.36	U	0.36	0.036	mg/Kg	☼	10/13/25 10:32	10/14/25 03:41	1
3 & 4 Methylphenol	0.36	U	0.36	0.022	mg/Kg	☼	10/13/25 10:32	10/14/25 03:41	1
3,3'-Dichlorobenzidine	0.14	U	0.14	0.054	mg/Kg	☼	10/13/25 10:32	10/14/25 03:41	1
3-Nitroaniline	0.36	U	0.36	0.085	mg/Kg	☼	10/13/25 10:32	10/14/25 03:41	1
4,6-Dinitro-2-methylphenol	0.29	U *	0.29	0.15	mg/Kg	☼	10/13/25 10:32	10/14/25 03:41	1
4-Bromophenyl phenyl ether	0.36	U	0.36	0.014	mg/Kg	☼	10/13/25 10:32	10/14/25 03:41	1
4-Chloro-3-methylphenol	0.36	U	0.36	0.020	mg/Kg	☼	10/13/25 10:32	10/14/25 03:41	1
4-Chloroaniline	0.36	U	0.36	0.064	mg/Kg	☼	10/13/25 10:32	10/14/25 03:41	1
4-Chlorophenyl phenyl ether	0.36	U	0.36	0.013	mg/Kg	☼	10/13/25 10:32	10/14/25 03:41	1
4-Methylphenol	0.36	U	0.36	0.022	mg/Kg	☼	10/13/25 10:32	10/14/25 03:41	1
4-Nitroaniline	0.36	U	0.36	0.091	mg/Kg	☼	10/13/25 10:32	10/14/25 03:41	1
4-Nitrophenol	0.73	U	0.73	0.059	mg/Kg	☼	10/13/25 10:32	10/14/25 03:41	1
Acenaphthene	0.36	U	0.36	0.010	mg/Kg	☼	10/13/25 10:32	10/14/25 03:41	1
Acenaphthylene	0.36	U	0.36	0.010	mg/Kg	☼	10/13/25 10:32	10/14/25 03:41	1
Acetophenone	0.36	U	0.36	0.018	mg/Kg	☼	10/13/25 10:32	10/14/25 03:41	1
Anthracene	0.36	U	0.36	0.011	mg/Kg	☼	10/13/25 10:32	10/14/25 03:41	1
Atrazine	0.14	U	0.14	0.021	mg/Kg	☼	10/13/25 10:32	10/14/25 03:41	1
Benzaldehyde	0.36	U	0.36	0.059	mg/Kg	☼	10/13/25 10:32	10/14/25 03:41	1
Benzo[a]anthracene	0.036	U	0.036	0.027	mg/Kg	☼	10/13/25 10:32	10/14/25 03:41	1
Benzo[a]pyrene	**0.017**	**J**	0.036	0.0096	mg/Kg	☼	10/13/25 10:32	10/14/25 03:41	1
Benzo[b]fluoranthene	**0.028**	**J**	0.036	0.0093	mg/Kg	☼	10/13/25 10:32	10/14/25 03:41	1
Benzo[g,h,i]perylene	**0.019**	**J**	0.36	0.011	mg/Kg	☼	10/13/25 10:32	10/14/25 03:41	1
Benzo[k]fluoranthene	**0.012**	**J**	0.036	0.0071	mg/Kg	☼	10/13/25 10:32	10/14/25 03:41	1
Bis(2-chloroethoxy)methane	0.36	U	0.36	0.066	mg/Kg	☼	10/13/25 10:32	10/14/25 03:41	1
Bis(2-chloroethyl)ether	0.036	U	0.036	0.013	mg/Kg	☼	10/13/25 10:32	10/14/25 03:41	1
Bis(2-ethylhexyl) phthalate	**0.020**	**J**	0.36	0.019	mg/Kg	☼	10/13/25 10:32	10/14/25 03:41	1
Butyl benzyl phthalate	0.36	U	0.36	0.017	mg/Kg	☼	10/13/25 10:32	10/14/25 03:41	1
Caprolactam	0.36	U	0.36	0.056	mg/Kg	☼	10/13/25 10:32	10/14/25 03:41	1
Carbazole	0.36	U	0.36	0.014	mg/Kg	☼	10/13/25 10:32	10/14/25 03:41	1
Chrysene	**0.039**	**J**	0.36	0.015	mg/Kg	☼	10/13/25 10:32	10/14/25 03:41	1
Dibenz(a,h)anthracene	0.036	U	0.036	0.016	mg/Kg	☼	10/13/25 10:32	10/14/25 03:41	1
Dibenzofuran	0.36	U	0.36	0.012	mg/Kg	☼	10/13/25 10:32	10/14/25 03:41	1
Diethyl phthalate	0.36	U	0.36	0.012	mg/Kg	☼	10/13/25 10:32	10/14/25 03:41	1
Dimethyl phthalate	0.36	U	0.36	0.082	mg/Kg	☼	10/13/25 10:32	10/14/25 03:41	1
Di-n-butyl phthalate	**0.019**	**J**	0.36	0.014	mg/Kg	☼	10/13/25 10:32	10/14/25 03:41	1
Di-n-octyl phthalate	0.36	U	0.36	0.019	mg/Kg	☼	10/13/25 10:32	10/14/25 03:41	1
Fluoranthene	**0.028**	**J**	0.36	0.013	mg/Kg	☼	10/13/25 10:32	10/14/25 03:41	1
Fluorene	0.36	U	0.36	0.011	mg/Kg	☼	10/13/25 10:32	10/14/25 03:41	1
Hexachlorobenzene	0.036	U	0.036	0.017	mg/Kg	☼	10/13/25 10:32	10/14/25 03:41	1
Hexachlorobutadiene	0.073	U	0.073	0.0077	mg/Kg	☼	10/13/25 10:32	10/14/25 03:41	1

Client Sample ID: 52A_4-8
Date Collected: 10/10/25 12:20
Date Received: 10/10/25 17:30

Lab Sample ID: 460-337049-2
Matrix: Solid
Percent Solids: 91.2

Method: SW846 8270E - Semivolatile Organic Compounds (GC/MS) (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Hexachlorocyclopentadiene	0.36	U	0.36	0.032	mg/Kg	☼	10/13/25 10:32	10/14/25 03:41	1
Hexachloroethane	0.036	U	0.036	0.012	mg/Kg	☼	10/13/25 10:32	10/14/25 03:41	1
Indeno[1,2,3-cd]pyrene	**0.016**	**J**	0.036	0.014	mg/Kg	☼	10/13/25 10:32	10/14/25 03:41	1
Isophorone	0.14	U	0.14	0.10	mg/Kg	☼	10/13/25 10:32	10/14/25 03:41	1
Naphthalene	**0.026**	**J**	0.36	0.0062	mg/Kg	☼	10/13/25 10:32	10/14/25 03:41	1
Nitrobenzene	0.036	U	0.036	0.020	mg/Kg	☼	10/13/25 10:32	10/14/25 03:41	1
N-Nitrosodi-n-propylamine	0.036	U	0.036	0.026	mg/Kg	☼	10/13/25 10:32	10/14/25 03:41	1
N-Nitrosodiphenylamine	0.36	U	0.36	0.030	mg/Kg	☼	10/13/25 10:32	10/14/25 03:41	1
Pentachlorophenol	0.29	U	0.29	0.074	mg/Kg	☼	10/13/25 10:32	10/14/25 03:41	1
Phenanthrene	**0.028**	**J**	0.36	0.015	mg/Kg	☼	10/13/25 10:32	10/14/25 03:41	1
Phenol	0.36	U	0.36	0.013	mg/Kg	☼	10/13/25 10:32	10/14/25 03:41	1
Pyrene	**0.024**	**J**	0.36	0.0089	mg/Kg	☼	10/13/25 10:32	10/14/25 03:41	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
2,4,6-Tribromophenol (Surr)	*76*		*18 - 137*	*10/13/25 10:32*	*10/14/25 03:41*	*1*
2-Fluorobiphenyl	*69*		*33 - 117*	*10/13/25 10:32*	*10/14/25 03:41*	*1*
2-Fluorophenol (Surr)	*68*		*24 - 120*	*10/13/25 10:32*	*10/14/25 03:41*	*1*
Nitrobenzene-d5 (Surr)	*60*		*27 - 120*	*10/13/25 10:32*	*10/14/25 03:41*	*1*
Phenol-d5 (Surr)	*70*		*28 - 118*	*10/13/25 10:32*	*10/14/25 03:41*	*1*
Terphenyl-d14 (Surr)	*75*		*33 - 124*	*10/13/25 10:32*	*10/14/25 03:41*	*1*

Method: SW846 8081B - Organochlorine Pesticides (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
4,4'-DDD	0.0073	U	0.0073	0.0012	mg/Kg	☼	10/13/25 05:42	10/15/25 08:15	1
4,4'-DDE	0.0073	U	0.0073	0.00086	mg/Kg	☼	10/13/25 05:42	10/15/25 08:15	1
4,4'-DDT	0.0073	U	0.0073	0.0013	mg/Kg	☼	10/13/25 05:42	10/15/25 08:15	1
Aldrin	0.0073	U	0.0073	0.0011	mg/Kg	☼	10/13/25 05:42	10/15/25 08:15	1
alpha-BHC	0.0022	U	0.0022	0.00074	mg/Kg	☼	10/13/25 05:42	10/15/25 08:15	1
beta-BHC	0.0022	U	0.0022	0.00082	mg/Kg	☼	10/13/25 05:42	10/15/25 08:15	1
Chlordane (technical)	0.073	U	0.073	0.018	mg/Kg	☼	10/13/25 05:42	10/15/25 08:15	1
cis-Chlordane	0.0073	U	0.0073	0.0012	mg/Kg	☼	10/13/25 05:42	10/15/25 08:15	1
delta-BHC	0.0022	U	0.0022	0.00045	mg/Kg	☼	10/13/25 05:42	10/15/25 08:15	1
Dieldrin	0.0022	U	0.0022	0.00095	mg/Kg	☼	10/13/25 05:42	10/15/25 08:15	1
Endosulfan I	0.0073	U	0.0073	0.0011	mg/Kg	☼	10/13/25 05:42	10/15/25 08:15	1
Endosulfan II	0.0073	U	0.0073	0.0019	mg/Kg	☼	10/13/25 05:42	10/15/25 08:15	1
Endosulfan sulfate	0.0073	U	0.0073	0.00091	mg/Kg	☼	10/13/25 05:42	10/15/25 08:15	1
Endrin	0.0073	U	0.0073	0.0010	mg/Kg	☼	10/13/25 05:42	10/15/25 08:15	1
Endrin aldehyde	0.0073	U	0.0073	0.0017	mg/Kg	☼	10/13/25 05:42	10/15/25 08:15	1
Endrin ketone	0.0073	U	0.0073	0.0014	mg/Kg	☼	10/13/25 05:42	10/15/25 08:15	1
gamma-BHC (Lindane)	0.0022	U	0.0022	0.00068	mg/Kg	☼	10/13/25 05:42	10/15/25 08:15	1
Heptachlor	0.0073	U	0.0073	0.00086	mg/Kg	☼	10/13/25 05:42	10/15/25 08:15	1
Heptachlor epoxide	0.0073	U	0.0073	0.0011	mg/Kg	☼	10/13/25 05:42	10/15/25 08:15	1
Methoxychlor	0.0073	U	0.0073	0.0017	mg/Kg	☼	10/13/25 05:42	10/15/25 08:15	1
Toxaphene	0.073	U	0.073	0.026	mg/Kg	☼	10/13/25 05:42	10/15/25 08:15	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
DCB Decachlorobiphenyl	*91*		*10 - 150*	*10/13/25 05:42*	*10/15/25 08:15*	*1*
DCB Decachlorobiphenyl	*90*		*10 - 150*	*10/13/25 05:42*	*10/15/25 08:15*	*1*
Tetrachloro-m-xylene	*110*		*14 - 150*	*10/13/25 05:42*	*10/15/25 08:15*	*1*
Tetrachloro-m-xylene	*108*		*14 - 150*	*10/13/25 05:42*	*10/15/25 08:15*	*1*

Client Sample ID: 52A_4-8
Date Collected: 10/10/25 12:20
Date Received: 10/10/25 17:30

Lab Sample ID: 460-337049-2
Matrix: Solid
Percent Solids: 91.2

Method: SW846 8082A - Polychlorinated Biphenyls (PCBs) by Gas Chromatography

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Aroclor 1016	0.073	U	0.073	0.019	mg/Kg	☼	10/13/25 06:37	10/14/25 21:47	1
Aroclor 1221	0.073	U	0.073	0.019	mg/Kg	☼	10/13/25 06:37	10/14/25 21:47	1
Aroclor 1232	0.073	U	0.073	0.019	mg/Kg	☼	10/13/25 06:37	10/14/25 21:47	1
Aroclor 1242	0.073	U	0.073	0.019	mg/Kg	☼	10/13/25 06:37	10/14/25 21:47	1
Aroclor 1248	0.073	U	0.073	0.019	mg/Kg	☼	10/13/25 06:37	10/14/25 21:47	1
Aroclor 1254	0.073	U	0.073	0.019	mg/Kg	☼	10/13/25 06:37	10/14/25 21:47	1
Aroclor 1260	0.073	U	0.073	0.019	mg/Kg	☼	10/13/25 06:37	10/14/25 21:47	1
Aroclor-1262	0.073	U	0.073	0.019	mg/Kg	☼	10/13/25 06:37	10/14/25 21:47	1
Aroclor 1268	0.073	U	0.073	0.019	mg/Kg	☼	10/13/25 06:37	10/14/25 21:47	1
Polychlorinated biphenyls, Total	0.073	U	0.073	0.019	mg/Kg	☼	10/13/25 06:37	10/14/25 21:47	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
DCB Decachlorobiphenyl	*109*		*10 - 150*	*10/13/25 06:37*	*10/14/25 21:47*	*1*
DCB Decachlorobiphenyl	*111*		*10 - 150*	*10/13/25 06:37*	*10/14/25 21:47*	*1*
Tetrachloro-m-xylene	*138*		*10 - 150*	*10/13/25 06:37*	*10/14/25 21:47*	*1*
Tetrachloro-m-xylene	*135*		*10 - 150*	*10/13/25 06:37*	*10/14/25 21:47*	*1*

Method: EPA 1633A - Per- and Polyfluoroalkyl Substances by LC/MS/MS, 1633A

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Perfluorobutanoic acid (PFBA)	0.39	U	0.39	0.097	ug/Kg	☼	10/15/25 14:09	10/16/25 23:51	1
Perfluoropentanoic acid (PFPeA)	0.19	U	0.19	0.097	ug/Kg	☼	10/15/25 14:09	10/16/25 23:51	1
Perfluorohexanoic acid (PFHxA)	0.19	U	0.19	0.097	ug/Kg	☼	10/15/25 14:09	10/16/25 23:51	1
Perfluoroheptanoic acid (PFHpA)	0.19	U	0.19	0.097	ug/Kg	☼	10/15/25 14:09	10/16/25 23:51	1
Perfluorooctanoic acid (PFOA)	**0.17**		0.17	0.17	ug/Kg	☼	10/15/25 14:09	10/16/25 23:51	1
Perfluorononanoic acid (PFNA)	**0.52**		0.19	0.097	ug/Kg	☼	10/15/25 14:09	10/16/25 23:51	1
Perfluorodecanoic acid (PFDA)	**0.17**	**J**	0.19	0.058	ug/Kg	☼	10/15/25 14:09	10/16/25 23:51	1
Perfluoroundecanoic acid (PFUnA)	**0.86**		0.19	0.097	ug/Kg	☼	10/15/25 14:09	10/16/25 23:51	1
Perfluorododecanoic acid (PFDoA)	0.19	U	0.19	0.097	ug/Kg	☼	10/15/25 14:09	10/16/25 23:51	1
Perfluorotridecanoic acid (PFTrDA)	0.19	U	0.19	0.097	ug/Kg	☼	10/15/25 14:09	10/16/25 23:51	1
Perfluorotetradecanoic acid (PFTeDA)	0.19	U	0.19	0.097	ug/Kg	☼	10/15/25 14:09	10/16/25 23:51	1
Perfluorobutanesulfonic acid (PFBS)	0.19	U	0.19	0.097	ug/Kg	☼	10/15/25 14:09	10/16/25 23:51	1
Perfluoropentanesulfonic acid (PFPeS)	0.19	U	0.19	0.097	ug/Kg	☼	10/15/25 14:09	10/16/25 23:51	1
Perfluorohexanesulfonic acid (PFHxS)	0.19	U	0.19	0.097	ug/Kg	☼	10/15/25 14:09	10/16/25 23:51	1
Perfluoroheptanesulfonic acid (PFHpS)	0.19	U	0.19	0.097	ug/Kg	☼	10/15/25 14:09	10/16/25 23:51	1
Perfluorooctanesulfonic acid (PFOS)	**0.10**	**J**	0.19	0.097	ug/Kg	☼	10/15/25 14:09	10/16/25 23:51	1
Perfluorononanesulfonic acid (PFNS)	0.19	U	0.19	0.097	ug/Kg	☼	10/15/25 14:09	10/16/25 23:51	1
Perfluorodecanesulfonic acid (PFDS)	0.19	U	0.19	0.097	ug/Kg	☼	10/15/25 14:09	10/16/25 23:51	1
Perfluorododecanesulfonic acid (PFDoS)	0.19	U	0.19	0.097	ug/Kg	☼	10/15/25 14:09	10/16/25 23:51	1
1H,1H,2H,2H-Perfluorohexane sulfonic acid (4:2 FTS)	0.39	U	0.39	0.19	ug/Kg	☼	10/15/25 14:09	10/16/25 23:51	1
1H,1H,2H,2H-Perfluorooctane sulfonic acid (6:2 FTS)	0.39	U	0.39	0.19	ug/Kg	☼	10/15/25 14:09	10/16/25 23:51	1
1H,1H,2H,2H-Perfluorodecane sulfonic acid (8:2 FTS)	0.39	U	0.39	0.19	ug/Kg	☼	10/15/25 14:09	10/16/25 23:51	1
Perfluorooctanesulfonamide (PFOSA)	0.19	U	0.19	0.097	ug/Kg	☼	10/15/25 14:09	10/16/25 23:51	1
N-methylperfluorooctane sulfonamide (NMeFOSA)	0.19	U	0.19	0.097	ug/Kg	☼	10/15/25 14:09	10/16/25 23:51	1

Client Sample ID: 52A_4-8
Date Collected: 10/10/25 12:20
Date Received: 10/10/25 17:30

Lab Sample ID: 460-337049-2
Matrix: Solid
Percent Solids: 91.2

Method: EPA 1633A - Per- and Polyfluoroalkyl Substances by LC/MS/MS, 1633A (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
N-ethylperfluorooctane sulfonamide (NEtFOSA)	0.19	U	0.19	0.097	ug/Kg	☼	10/15/25 14:09	10/16/25 23:51	1
N-methylperfluorooctanesulfonamidoacetic acid (NMeFOSAA)	0.19	U	0.19	0.097	ug/Kg	☼	10/15/25 14:09	10/16/25 23:51	1
N-ethylperfluorooctanesulfonamidoacetic acid (NEtFOSAA)	0.19	U	0.19	0.097	ug/Kg	☼	10/15/25 14:09	10/16/25 23:51	1
N-methylperfluorooctane sulfonamidoethanol (NMeFOSE)	0.97	U	0.97	0.49	ug/Kg	☼	10/15/25 14:09	10/16/25 23:51	1
N-ethylperfluorooctane sulfonamidoethanol (NEtFOSE)	0.97	U	0.97	0.49	ug/Kg	☼	10/15/25 14:09	10/16/25 23:51	1
Hexafluoropropylene Oxide Dimer Acid (HFPO-DA)	0.19	U	0.19	0.097	ug/Kg	☼	10/15/25 14:09	10/16/25 23:51	1
4,8-Dioxa-3H-perfluorononanoic acid (ADONA)	0.19	U	0.19	0.097	ug/Kg	☼	10/15/25 14:09	10/16/25 23:51	1
Perfluoro-3-methoxypropanoic acid (PFMPA)	0.19	U	0.19	0.097	ug/Kg	☼	10/15/25 14:09	10/16/25 23:51	1
Perfluoro-4-methoxybutanoic acid (PFMBA)	0.19	U	0.19	0.097	ug/Kg	☼	10/15/25 14:09	10/16/25 23:51	1
Nonafluoro-3,6-dioxaheptanoic acid (NFDHA)	0.19	U	0.19	0.097	ug/Kg	☼	10/15/25 14:09	10/16/25 23:51	1
9-Chlorohexadecafluoro-3-oxanonane-1-sulfonic acid (9Cl-PF3ONS)	0.19	U	0.19	0.097	ug/Kg	☼	10/15/25 14:09	10/16/25 23:51	1
11-Chloroeicosafluoro-3-oxaundecane-1-sulfonic acid (11Cl-PF3OUdS)	0.19	U	0.19	0.097	ug/Kg	☼	10/15/25 14:09	10/16/25 23:51	1
Perfluoro (2-ethoxyethane) sulfonic acid (PFEESA)	0.19	U	0.19	0.097	ug/Kg	☼	10/15/25 14:09	10/16/25 23:51	1
3-Perfluoropropylpropanoic acid (3:3 FTCA)	0.39	U	0.39	0.19	ug/Kg	☼	10/15/25 14:09	10/16/25 23:51	1
3-Perfluoropentylpropanoic acid (5:3 FTCA)	0.97	U	0.97	0.49	ug/Kg	☼	10/15/25 14:09	10/16/25 23:51	1
3-Perfluoroheptylpropanoic acid (7:3 FTCA)	0.97	U	0.97	0.49	ug/Kg	☼	10/15/25 14:09	10/16/25 23:51	1

Isotope Dilution	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
13C4 PFBA	*88.3*		*8 - 130*	*10/15/25 14:09*	*10/16/25 23:51*	*1*
13C5 PFPeA	*76.2*		*35 - 130*	*10/15/25 14:09*	*10/16/25 23:51*	*1*
13C5 PFHxA	*82.9*		*40 - 130*	*10/15/25 14:09*	*10/16/25 23:51*	*1*
13C4 PFHpA	*77.3*		*40 - 130*	*10/15/25 14:09*	*10/16/25 23:51*	*1*
13C8 PFOA	*89.1*		*40 - 130*	*10/15/25 14:09*	*10/16/25 23:51*	*1*
13C9 PFNA	*90.1*		*40 - 130*	*10/15/25 14:09*	*10/16/25 23:51*	*1*
13C6 PFDA	*83.4*		*40 - 130*	*10/15/25 14:09*	*10/16/25 23:51*	*1*
13C7 PFUnA	*80.5*		*40 - 130*	*10/15/25 14:09*	*10/16/25 23:51*	*1*
13C2 PFTeDA	*76.8*		*20 - 130*	*10/15/25 14:09*	*10/16/25 23:51*	*1*
13C3 PFBS	*88.4*		*40 - 135*	*10/15/25 14:09*	*10/16/25 23:51*	*1*
13C3 PFHxS	*86.8*		*40 - 130*	*10/15/25 14:09*	*10/16/25 23:51*	*1*
13C8 PFOS	*82.5*		*40 - 130*	*10/15/25 14:09*	*10/16/25 23:51*	*1*
13C8 FOSA	*97.0*		*40 - 130*	*10/15/25 14:09*	*10/16/25 23:51*	*1*
d3-NMeFOSAA	*92.9*		*40 - 135*	*10/15/25 14:09*	*10/16/25 23:51*	*1*
d5-NEtFOSAA	*85.2*		*40 - 150*	*10/15/25 14:09*	*10/16/25 23:51*	*1*
13C2 4:2 FTS	*210*	*	*40 - 165*	*10/15/25 14:09*	*10/16/25 23:51*	*1*
13C2 6:2 FTS	*215*		*40 - 215*	*10/15/25 14:09*	*10/16/25 23:51*	*1*
13C2 8:2 FTS	*233*		*40 - 275*	*10/15/25 14:09*	*10/16/25 23:51*	*1*
13C3 HFPO-DA	*84.4*		*40 - 130*	*10/15/25 14:09*	*10/16/25 23:51*	*1*
d7-N-MeFOSE-M	*49.6*		*20 - 130*	*10/15/25 14:09*	*10/16/25 23:51*	*1*

Client Sample ID: 52A_4-8

Date Collected: 10/10/25 12:20
Date Received: 10/10/25 17:30

Lab Sample ID: 460-337049-2

Matrix: Solid
Percent Solids: 91.2

Method: EPA 1633A - Per- and Polyfluoroalkyl Substances by LC/MS/MS, 1633A (Continued)

Isotope Dilution	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
d9-N-EtFOSE-M	37.1		15 - 130	10/15/25 14:09	10/16/25 23:51	1
d5-NEtPFOSA	74.7		10 - 130	10/15/25 14:09	10/16/25 23:51	1
d3-NMePFOSA	76.9		10 - 130	10/15/25 14:09	10/16/25 23:51	1
13C2 PFDoA	74.5		40 - 130	10/15/25 14:09	10/16/25 23:51	1

Method: SW846 6020B - Metals (ICP/MS)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Aluminum	5560		17.7	4.9	mg/Kg	☼	10/17/25 20:20	10/18/25 18:03	1
Antimony	1.9		0.88	0.13	mg/Kg	☼	10/17/25 20:20	10/18/25 18:03	1
Arsenic	4.0		0.88	0.091	mg/Kg	☼	10/17/25 20:20	10/18/25 18:03	1
Barium	29.2		1.8	0.13	mg/Kg	☼	10/17/25 20:20	10/18/25 18:03	1
Beryllium	0.34	J	0.35	0.019	mg/Kg	☼	10/17/25 20:20	10/18/25 18:03	1
Cadmium	0.88	U	0.88	0.10	mg/Kg	☼	10/17/25 20:20	10/18/25 18:03	1
Calcium	535		88.4	8.6	mg/Kg	☼	10/17/25 20:20	10/18/25 18:03	1
Chromium	18.9		1.8	0.26	mg/Kg	☼	10/17/25 20:20	10/18/25 18:03	1
Cobalt	2.3		0.88	0.13	mg/Kg	☼	10/17/25 20:20	10/18/25 18:03	1
Copper	26.1		1.8	0.33	mg/Kg	☼	10/17/25 20:20	10/18/25 18:03	1
Iron	12100		53.0	6.8	mg/Kg	☼	10/17/25 20:20	10/18/25 18:03	1
Lead	49.1		0.53	0.18	mg/Kg	☼	10/17/25 20:20	10/18/25 18:03	1
Magnesium	561		88.4	9.0	mg/Kg	☼	10/17/25 20:20	10/18/25 18:03	1
Manganese	49.6		3.5	0.36	mg/Kg	☼	10/17/25 20:20	10/18/25 18:03	1
Nickel	5.7		1.8	0.16	mg/Kg	☼	10/17/25 20:20	10/18/25 18:03	1
Potassium	412		88.4	14.3	mg/Kg	☼	10/17/25 20:20	10/18/25 18:03	1
Selenium	0.22	J	1.1	0.11	mg/Kg	☼	10/17/25 20:20	10/18/25 18:03	1
Silver	0.21	J	0.35	0.079	mg/Kg	☼	10/17/25 20:20	10/18/25 18:03	1
Sodium	88.4	U	88.4	40.4	mg/Kg	☼	10/17/25 20:20	10/18/25 18:03	1
Thallium	0.073	J	0.35	0.036	mg/Kg	☼	10/17/25 20:20	10/18/25 18:03	1
Vanadium	36.8		1.8	0.18	mg/Kg	☼	10/17/25 20:20	10/18/25 18:03	1
Zinc	30.2		7.1	0.96	mg/Kg	☼	10/17/25 20:20	10/18/25 18:03	1

Method: SW846 7471B - Mercury (CVAA)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	0.045		0.017	0.0082	mg/Kg	☼	10/22/25 01:14	10/22/25 06:59	1

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Percent Moisture (EPA Moisture)	8.8		1.0	1.0	%			10/13/25 17:10	1
Percent Solids (EPA Moisture)	91.2		1.0	1.0	%			10/13/25 17:10	1

Client Sample ID: 52B_0-4

Date Collected: 10/10/25 12:25
Date Received: 10/10/25 17:30

Lab Sample ID: 460-337049-3

Matrix: Solid
Percent Solids: 96.6

Method: SW846 8260D - Volatile Organic Compounds by GC/MS

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1-Trichloroethane	0.0010	U	0.0010	0.00024	mg/Kg	☼	10/14/25 12:42	10/15/25 18:09	1
1,1,2,2-Tetrachloroethane	0.0010	U	0.0010	0.00053	mg/Kg	☼	10/14/25 12:42	10/15/25 18:09	1
1,1,2-Trichloro-1,2,2-trifluoroethane	0.0010	U	0.0010	0.00030	mg/Kg	☼	10/14/25 12:42	10/15/25 18:09	1
1,1,2-Trichloroethane	0.0010	U	0.0010	0.00061	mg/Kg	☼	10/14/25 12:42	10/15/25 18:09	1
1,1-Dichloroethane	0.0010	U	0.0010	0.00060	mg/Kg	☼	10/14/25 12:42	10/15/25 18:09	1
1,1-Dichloroethene	0.0010	U	0.0010	0.00023	mg/Kg	☼	10/14/25 12:42	10/15/25 18:09	1

Client: Haley & Aldrich, Inc.
Project/Site: Former Port Mobil

Job ID: 460-337049-1

Client Sample ID: 52B_0-4
Date Collected: 10/10/25 12:25
Date Received: 10/10/25 17:30

Lab Sample ID: 460-337049-3
Matrix: Solid
Percent Solids: 96.6

Method: SW846 8260D - Volatile Organic Compounds by GC/MS (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,2,3-Trichlorobenzene	0.0010	U	0.0010	0.00075	mg/Kg	☼	10/14/25 12:42	10/15/25 18:09	1
1,2,4-Trichlorobenzene	0.0010	U	0.0010	0.00036	mg/Kg	☼	10/14/25 12:42	10/15/25 18:09	1
1,2,4-Trimethylbenzene	0.0010	U	0.0010	0.00025	mg/Kg	☼	10/14/25 12:42	10/15/25 18:09	1
1,2-Dibromo-3-Chloropropane	0.0010	U	0.0010	0.00046	mg/Kg	☼	10/14/25 12:42	10/15/25 18:09	1
1,2-Dichlorobenzene	0.0010	U	0.0010	0.00036	mg/Kg	☼	10/14/25 12:42	10/15/25 18:09	1
1,2-Dichloroethane	0.0010	U	0.0010	0.00030	mg/Kg	☼	10/14/25 12:42	10/15/25 18:09	1
1,2-Dichloropropane	0.0010	U	0.0010	0.00043	mg/Kg	☼	10/14/25 12:42	10/15/25 18:09	1
1,3,5-Trimethylbenzene	0.0010	U	0.0010	0.00032	mg/Kg	☼	10/14/25 12:42	10/15/25 18:09	1
1,3-Dichlorobenzene	0.0010	U	0.0010	0.00037	mg/Kg	☼	10/14/25 12:42	10/15/25 18:09	1
1,4-Dichlorobenzene	0.0010	U	0.0010	0.00052	mg/Kg	☼	10/14/25 12:42	10/15/25 18:09	1
2-Butanone (MEK)	0.0051	U	0.0051	0.00037	mg/Kg	☼	10/14/25 12:42	10/15/25 18:09	1
2-Hexanone	0.0051	U	0.0051	0.0017	mg/Kg	☼	10/14/25 12:42	10/15/25 18:09	1
4-Methyl-2-pentanone (MIBK)	0.0051	U	0.0051	0.0016	mg/Kg	☼	10/14/25 12:42	10/15/25 18:09	1
Acetone	0.0061	U	0.0061	0.0058	mg/Kg	☼	10/14/25 12:42	10/15/25 18:09	1
Benzene	0.0010	U	0.0010	0.00057	mg/Kg	☼	10/14/25 12:42	10/15/25 18:09	1
Bromoform	0.0010	U	0.0010	0.00043	mg/Kg	☼	10/14/25 12:42	10/15/25 18:09	1
Bromomethane	0.0020	U	0.0020	0.0010	mg/Kg	☼	10/14/25 12:42	10/15/25 18:09	1
Carbon disulfide	0.0010	U	0.0010	0.00027	mg/Kg	☼	10/14/25 12:42	10/15/25 18:09	1
Carbon tetrachloride	0.0010	U	0.0010	0.00039	mg/Kg	☼	10/14/25 12:42	10/15/25 18:09	1
Chlorobenzene	0.0010	U	0.0010	0.00051	mg/Kg	☼	10/14/25 12:42	10/15/25 18:09	1
Chlorobromomethane	0.0010	U	0.0010	0.00060	mg/Kg	☼	10/14/25 12:42	10/15/25 18:09	1
Chlorodibromomethane	0.0010	U	0.0010	0.00054	mg/Kg	☼	10/14/25 12:42	10/15/25 18:09	1
Chloroethane	0.0010	U	0.0010	0.00053	mg/Kg	☼	10/14/25 12:42	10/15/25 18:09	1
Chloroform	0.0010	U	0.0010	0.00098	mg/Kg	☼	10/14/25 12:42	10/15/25 18:09	1
Chloromethane	0.0010	U	0.0010	0.00044	mg/Kg	☼	10/14/25 12:42	10/15/25 18:09	1
cis-1,2-Dichloroethene	0.0010	U	0.0010	0.00036	mg/Kg	☼	10/14/25 12:42	10/15/25 18:09	1
cis-1,3-Dichloropropene	0.0010	U	0.0010	0.00028	mg/Kg	☼	10/14/25 12:42	10/15/25 18:09	1
Cyclohexane	0.0010	U	0.0010	0.00022	mg/Kg	☼	10/14/25 12:42	10/15/25 18:09	1
Dichlorobromomethane	0.0010	U	0.0010	0.00026	mg/Kg	☼	10/14/25 12:42	10/15/25 18:09	1
Dichlorodifluoromethane	0.0010	U	0.0010	0.00034	mg/Kg	☼	10/14/25 12:42	10/15/25 18:09	1
Ethylbenzene	0.0010	U	0.0010	0.00047	mg/Kg	☼	10/14/25 12:42	10/15/25 18:09	1
Ethylene Dibromide	0.0010	U	0.0010	0.00051	mg/Kg	☼	10/14/25 12:42	10/15/25 18:09	1
Isopropylbenzene	0.0010	U	0.0010	0.00029	mg/Kg	☼	10/14/25 12:42	10/15/25 18:09	1
Methyl acetate	0.0051	U	0.0051	0.0043	mg/Kg	☼	10/14/25 12:42	10/15/25 18:09	1
Methyl tert-butyl ether	0.0010	U	0.0010	0.00052	mg/Kg	☼	10/14/25 12:42	10/15/25 18:09	1
Methylcyclohexane	0.0010	U	0.0010	0.00050	mg/Kg	☼	10/14/25 12:42	10/15/25 18:09	1
Methylene Chloride	0.0020	U	0.0020	0.0012	mg/Kg	☼	10/14/25 12:42	10/15/25 18:09	1
m-Xylene & p-Xylene	0.0010	U	0.0010	0.00043	mg/Kg	☼	10/14/25 12:42	10/15/25 18:09	1
n-Butylbenzene	0.0010	U	0.0010	0.00030	mg/Kg	☼	10/14/25 12:42	10/15/25 18:09	1
N-Propylbenzene	0.0010	U	0.0010	0.00045	mg/Kg	☼	10/14/25 12:42	10/15/25 18:09	1
o-Xylene	0.0010	U	0.0010	0.00047	mg/Kg	☼	10/14/25 12:42	10/15/25 18:09	1
sec-Butylbenzene	0.0010	U	0.0010	0.00029	mg/Kg	☼	10/14/25 12:42	10/15/25 18:09	1
Styrene	0.0010	U	0.0010	0.00028	mg/Kg	☼	10/14/25 12:42	10/15/25 18:09	1
tert-Butylbenzene	0.0010	U	0.0010	0.00028	mg/Kg	☼	10/14/25 12:42	10/15/25 18:09	1
Tetrachloroethene	0.0010	U	0.0010	0.00031	mg/Kg	☼	10/14/25 12:42	10/15/25 18:09	1
Toluene	0.0010	U	0.0010	0.00024	mg/Kg	☼	10/14/25 12:42	10/15/25 18:09	1
trans-1,2-Dichloroethene	0.0010	U	0.0010	0.00025	mg/Kg	☼	10/14/25 12:42	10/15/25 18:09	1
trans-1,3-Dichloropropene	0.0010	U	0.0010	0.00027	mg/Kg	☼	10/14/25 12:42	10/15/25 18:09	1
Trichloroethene	0.0010	U	0.0010	0.00032	mg/Kg	☼	10/14/25 12:42	10/15/25 18:09	1

Client Sample ID: 52B_0-4
Date Collected: 10/10/25 12:25
Date Received: 10/10/25 17:30

Lab Sample ID: 460-337049-3
Matrix: Solid
Percent Solids: 96.6

Method: SW846 8260D - Volatile Organic Compounds by GC/MS (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Trichlorofluoromethane	0.0010	U	0.0010	0.00041	mg/Kg	☼	10/14/25 12:42	10/15/25 18:09	1
Vinyl chloride	0.0010	U	0.0010	0.00055	mg/Kg	☼	10/14/25 12:42	10/15/25 18:09	1
Xylenes, Total	0.0020	U	0.0020	0.00018	mg/Kg	☼	10/14/25 12:42	10/15/25 18:09	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,2-Dichloroethane-d4 (Surr)	*105*		*65 - 138*	*10/14/25 12:42*	*10/15/25 18:09*	*1*
4-Bromofluorobenzene	*104*		*71 - 128*	*10/14/25 12:42*	*10/15/25 18:09*	*1*
Dibromofluoromethane (Surr)	*101*		*50 - 150*	*10/14/25 12:42*	*10/15/25 18:09*	*1*
Toluene-d8 (Surr)	*93*		*71 - 126*	*10/14/25 12:42*	*10/15/25 18:09*	*1*

Method: SW846 8270E - Semivolatile Organic Compounds (GC/MS)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1'-Biphenyl	0.34	U	0.34	0.012	mg/Kg	☼	10/13/25 10:32	10/14/25 04:29	1
1,2,4,5-Tetrachlorobenzene	0.34	U	0.34	0.011	mg/Kg	☼	10/13/25 10:32	10/14/25 04:29	1
1,4-Dioxane	0.034	U	0.034	0.030	mg/Kg	☼	10/13/25 10:32	10/14/25 04:29	1
2,2'-oxybis[1-chloropropane]	0.34	U	0.34	0.020	mg/Kg	☼	10/13/25 10:32	10/14/25 04:29	1
2,3,4,6-Tetrachlorophenol	0.34	U	0.34	0.023	mg/Kg	☼	10/13/25 10:32	10/14/25 04:29	1
2,4,5-Trichlorophenol	0.34	U	0.34	0.035	mg/Kg	☼	10/13/25 10:32	10/14/25 04:29	1
2,4,6-Trichlorophenol	0.14	U	0.14	0.044	mg/Kg	☼	10/13/25 10:32	10/14/25 04:29	1
2,4-Dichlorophenol	0.14	U	0.14	0.022	mg/Kg	☼	10/13/25 10:32	10/14/25 04:29	1
2,4-Dimethylphenol	0.34	U	0.34	0.041	mg/Kg	☼	10/13/25 10:32	10/14/25 04:29	1
2,4-Dinitrophenol	0.27	U *	0.27	0.17	mg/Kg	☼	10/13/25 10:32	10/14/25 04:29	1
2,4-Dinitrotoluene	0.069	U	0.069	0.037	mg/Kg	☼	10/13/25 10:32	10/14/25 04:29	1
2,6-Dinitrotoluene	0.069	U	0.069	0.025	mg/Kg	☼	10/13/25 10:32	10/14/25 04:29	1
2-Chloronaphthalene	0.34	U	0.34	0.044	mg/Kg	☼	10/13/25 10:32	10/14/25 04:29	1
2-Chlorophenol	0.34	U	0.34	0.012	mg/Kg	☼	10/13/25 10:32	10/14/25 04:29	1
2-Methylnaphthalene	**0.017**	**J**	0.34	0.0096	mg/Kg	☼	10/13/25 10:32	10/14/25 04:29	1
2-Methylphenol	0.34	U	0.34	0.013	mg/Kg	☼	10/13/25 10:32	10/14/25 04:29	1
2-Nitroaniline	0.34	U	0.34	0.026	mg/Kg	☼	10/13/25 10:32	10/14/25 04:29	1
2-Nitrophenol	0.34	U	0.34	0.034	mg/Kg	☼	10/13/25 10:32	10/14/25 04:29	1
3 & 4 Methylphenol	0.34	U	0.34	0.021	mg/Kg	☼	10/13/25 10:32	10/14/25 04:29	1
3,3'-Dichlorobenzidine	0.14	U	0.14	0.052	mg/Kg	☼	10/13/25 10:32	10/14/25 04:29	1
3-Nitroaniline	0.34	U	0.34	0.081	mg/Kg	☼	10/13/25 10:32	10/14/25 04:29	1
4,6-Dinitro-2-methylphenol	0.27	U *	0.27	0.14	mg/Kg	☼	10/13/25 10:32	10/14/25 04:29	1
4-Bromophenyl phenyl ether	0.34	U	0.34	0.014	mg/Kg	☼	10/13/25 10:32	10/14/25 04:29	1
4-Chloro-3-methylphenol	0.34	U	0.34	0.019	mg/Kg	☼	10/13/25 10:32	10/14/25 04:29	1
4-Chloroaniline	0.34	U	0.34	0.061	mg/Kg	☼	10/13/25 10:32	10/14/25 04:29	1
4-Chlorophenyl phenyl ether	0.34	U	0.34	0.012	mg/Kg	☼	10/13/25 10:32	10/14/25 04:29	1
4-Methylphenol	0.34	U	0.34	0.021	mg/Kg	☼	10/13/25 10:32	10/14/25 04:29	1
4-Nitroaniline	0.34	U	0.34	0.087	mg/Kg	☼	10/13/25 10:32	10/14/25 04:29	1
4-Nitrophenol	0.69	U	0.69	0.056	mg/Kg	☼	10/13/25 10:32	10/14/25 04:29	1
Acenaphthene	0.34	U	0.34	0.0097	mg/Kg	☼	10/13/25 10:32	10/14/25 04:29	1
Acenaphthylene	0.34	U	0.34	0.0098	mg/Kg	☼	10/13/25 10:32	10/14/25 04:29	1
Acetophenone	0.34	U	0.34	0.017	mg/Kg	☼	10/13/25 10:32	10/14/25 04:29	1
Anthracene	0.34	U	0.34	0.010	mg/Kg	☼	10/13/25 10:32	10/14/25 04:29	1
Atrazine	0.14	U	0.14	0.020	mg/Kg	☼	10/13/25 10:32	10/14/25 04:29	1
Benzaldehyde	0.34	U	0.34	0.057	mg/Kg	☼	10/13/25 10:32	10/14/25 04:29	1
Benzo[a]anthracene	0.034	U	0.034	0.026	mg/Kg	☼	10/13/25 10:32	10/14/25 04:29	1
Benzo[a]pyrene	**0.014**	**J**	0.034	0.0091	mg/Kg	☼	10/13/25 10:32	10/14/25 04:29	1
Benzo[b]fluoranthene	**0.020**	**J**	0.034	0.0088	mg/Kg	☼	10/13/25 10:32	10/14/25 04:29	1

Client Sample ID: 52B_0-4
Date Collected: 10/10/25 12:25
Date Received: 10/10/25 17:30

Lab Sample ID: 460-337049-3
Matrix: Solid
Percent Solids: 96.6

Method: SW846 8270E - Semivolatile Organic Compounds (GC/MS) (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzo[g,h,i]perylene	**0.016**	**J**	0.34	0.010	mg/Kg	☼	10/13/25 10:32	10/14/25 04:29	1
Benzo[k]fluoranthene	**0.0075**	**J**	0.034	0.0067	mg/Kg	☼	10/13/25 10:32	10/14/25 04:29	1
Bis(2-chloroethoxy)methane	0.34	U	0.34	0.063	mg/Kg	☼	10/13/25 10:32	10/14/25 04:29	1
Bis(2-chloroethyl)ether	0.034	U	0.034	0.012	mg/Kg	☼	10/13/25 10:32	10/14/25 04:29	1
Bis(2-ethylhexyl) phthalate	0.34	U	0.34	0.018	mg/Kg	☼	10/13/25 10:32	10/14/25 04:29	1
Butyl benzyl phthalate	0.34	U	0.34	0.016	mg/Kg	☼	10/13/25 10:32	10/14/25 04:29	1
Caprolactam	0.34	U	0.34	0.053	mg/Kg	☼	10/13/25 10:32	10/14/25 04:29	1
Carbazole	0.34	U	0.34	0.013	mg/Kg	☼	10/13/25 10:32	10/14/25 04:29	1
Chrysene	**0.017**	**J**	0.34	0.014	mg/Kg	☼	10/13/25 10:32	10/14/25 04:29	1
Dibenz(a,h)anthracene	0.034	U	0.034	0.015	mg/Kg	☼	10/13/25 10:32	10/14/25 04:29	1
Dibenzofuran	0.34	U	0.34	0.011	mg/Kg	☼	10/13/25 10:32	10/14/25 04:29	1
Diethyl phthalate	0.34	U	0.34	0.011	mg/Kg	☼	10/13/25 10:32	10/14/25 04:29	1
Dimethyl phthalate	0.34	U	0.34	0.078	mg/Kg	☼	10/13/25 10:32	10/14/25 04:29	1
Di-n-butyl phthalate	**0.015**	**J**	0.34	0.013	mg/Kg	☼	10/13/25 10:32	10/14/25 04:29	1
Di-n-octyl phthalate	0.34	U	0.34	0.018	mg/Kg	☼	10/13/25 10:32	10/14/25 04:29	1
Fluoranthene	**0.018**	**J**	0.34	0.012	mg/Kg	☼	10/13/25 10:32	10/14/25 04:29	1
Fluorene	0.34	U	0.34	0.010	mg/Kg	☼	10/13/25 10:32	10/14/25 04:29	1
Hexachlorobenzene	0.034	U	0.034	0.016	mg/Kg	☼	10/13/25 10:32	10/14/25 04:29	1
Hexachlorobutadiene	0.069	U	0.069	0.0073	mg/Kg	☼	10/13/25 10:32	10/14/25 04:29	1
Hexachlorocyclopentadiene	0.34	U	0.34	0.030	mg/Kg	☼	10/13/25 10:32	10/14/25 04:29	1
Hexachloroethane	0.034	U	0.034	0.012	mg/Kg	☼	10/13/25 10:32	10/14/25 04:29	1
Indeno[1,2,3-cd]pyrene	0.034	U	0.034	0.013	mg/Kg	☼	10/13/25 10:32	10/14/25 04:29	1
Isophorone	0.14	U	0.14	0.099	mg/Kg	☼	10/13/25 10:32	10/14/25 04:29	1
Naphthalene	**0.013**	**J**	0.34	0.0059	mg/Kg	☼	10/13/25 10:32	10/14/25 04:29	1
Nitrobenzene	0.034	U	0.034	0.019	mg/Kg	☼	10/13/25 10:32	10/14/25 04:29	1
N-Nitrosodi-n-propylamine	0.034	U	0.034	0.025	mg/Kg	☼	10/13/25 10:32	10/14/25 04:29	1
N-Nitrosodiphenylamine	0.34	U	0.34	0.028	mg/Kg	☼	10/13/25 10:32	10/14/25 04:29	1
Pentachlorophenol	0.27	U	0.27	0.070	mg/Kg	☼	10/13/25 10:32	10/14/25 04:29	1
Phenanthrene	**0.016**	**J**	0.34	0.014	mg/Kg	☼	10/13/25 10:32	10/14/25 04:29	1
Phenol	0.34	U	0.34	0.013	mg/Kg	☼	10/13/25 10:32	10/14/25 04:29	1
Pyrene	**0.018**	**J**	0.34	0.0085	mg/Kg	☼	10/13/25 10:32	10/14/25 04:29	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
2,4,6-Tribromophenol (Surr)	*70*		*18 - 137*	*10/13/25 10:32*	*10/14/25 04:29*	*1*
2-Fluorobiphenyl	*63*		*33 - 117*	*10/13/25 10:32*	*10/14/25 04:29*	*1*
2-Fluorophenol (Surr)	*62*		*24 - 120*	*10/13/25 10:32*	*10/14/25 04:29*	*1*
Nitrobenzene-d5 (Surr)	*55*		*27 - 120*	*10/13/25 10:32*	*10/14/25 04:29*	*1*
Phenol-d5 (Surr)	*63*		*28 - 118*	*10/13/25 10:32*	*10/14/25 04:29*	*1*
Terphenyl-d14 (Surr)	*66*		*33 - 124*	*10/13/25 10:32*	*10/14/25 04:29*	*1*

Method: SW846 8081B - Organochlorine Pesticides (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
4,4'-DDD	0.0069	U	0.0069	0.0012	mg/Kg	☼	10/13/25 05:42	10/15/25 08:28	1
4,4'-DDE	0.0069	U	0.0069	0.00081	mg/Kg	☼	10/13/25 05:42	10/15/25 08:28	1
4,4'-DDT	0.0069	U	0.0069	0.0013	mg/Kg	☼	10/13/25 05:42	10/15/25 08:28	1
Aldrin	0.0069	U	0.0069	0.0010	mg/Kg	☼	10/13/25 05:42	10/15/25 08:28	1
alpha-BHC	0.0021	U	0.0021	0.00070	mg/Kg	☼	10/13/25 05:42	10/15/25 08:28	1
beta-BHC	0.0021	U	0.0021	0.00077	mg/Kg	☼	10/13/25 05:42	10/15/25 08:28	1
Chlordane (technical)	0.069	U	0.069	0.017	mg/Kg	☼	10/13/25 05:42	10/15/25 08:28	1
cis-Chlordane	0.0069	U	0.0069	0.0011	mg/Kg	☼	10/13/25 05:42	10/15/25 08:28	1

Client Sample ID: 52B_0-4
Date Collected: 10/10/25 12:25
Date Received: 10/10/25 17:30

Lab Sample ID: 460-337049-3
Matrix: Solid
Percent Solids: 96.6

Method: SW846 8081B - Organochlorine Pesticides (GC) (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
delta-BHC	0.0021	U	0.0021	0.00042	mg/Kg	☼	10/13/25 05:42	10/15/25 08:28	1
Dieldrin	0.0021	U	0.0021	0.00090	mg/Kg	☼	10/13/25 05:42	10/15/25 08:28	1
Endosulfan I	0.0069	U	0.0069	0.0011	mg/Kg	☼	10/13/25 05:42	10/15/25 08:28	1
Endosulfan II	0.0069	U	0.0069	0.0018	mg/Kg	☼	10/13/25 05:42	10/15/25 08:28	1
Endosulfan sulfate	0.0069	U	0.0069	0.00087	mg/Kg	☼	10/13/25 05:42	10/15/25 08:28	1
Endrin	0.0069	U	0.0069	0.00099	mg/Kg	☼	10/13/25 05:42	10/15/25 08:28	1
Endrin aldehyde	0.0069	U	0.0069	0.0016	mg/Kg	☼	10/13/25 05:42	10/15/25 08:28	1
Endrin ketone	0.0069	U	0.0069	0.0013	mg/Kg	☼	10/13/25 05:42	10/15/25 08:28	1
gamma-BHC (Lindane)	0.0021	U	0.0021	0.00064	mg/Kg	☼	10/13/25 05:42	10/15/25 08:28	1
Heptachlor	0.0069	U	0.0069	0.00081	mg/Kg	☼	10/13/25 05:42	10/15/25 08:28	1
Heptachlor epoxide	0.0069	U	0.0069	0.0010	mg/Kg	☼	10/13/25 05:42	10/15/25 08:28	1
Methoxychlor	0.0069	U	0.0069	0.0016	mg/Kg	☼	10/13/25 05:42	10/15/25 08:28	1
Toxaphene	0.069	U	0.069	0.025	mg/Kg	☼	10/13/25 05:42	10/15/25 08:28	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
DCB Decachlorobiphenyl	*97*		*10 - 150*	*10/13/25 05:42*	*10/15/25 08:28*	*1*
DCB Decachlorobiphenyl	*91*		*10 - 150*	*10/13/25 05:42*	*10/15/25 08:28*	*1*
Tetrachloro-m-xylene	*120*		*14 - 150*	*10/13/25 05:42*	*10/15/25 08:28*	*1*
Tetrachloro-m-xylene	*114*		*14 - 150*	*10/13/25 05:42*	*10/15/25 08:28*	*1*

Method: SW846 8082A - Polychlorinated Biphenyls (PCBs) by Gas Chromatography

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Aroclor 1016	0.069	U	0.069	0.018	mg/Kg	☼	10/13/25 06:37	10/14/25 22:04	1
Aroclor 1221	0.069	U	0.069	0.018	mg/Kg	☼	10/13/25 06:37	10/14/25 22:04	1
Aroclor 1232	0.069	U	0.069	0.018	mg/Kg	☼	10/13/25 06:37	10/14/25 22:04	1
Aroclor 1242	0.069	U	0.069	0.018	mg/Kg	☼	10/13/25 06:37	10/14/25 22:04	1
Aroclor 1248	0.069	U	0.069	0.018	mg/Kg	☼	10/13/25 06:37	10/14/25 22:04	1
Aroclor 1254	0.069	U	0.069	0.018	mg/Kg	☼	10/13/25 06:37	10/14/25 22:04	1
Aroclor 1260	0.069	U	0.069	0.018	mg/Kg	☼	10/13/25 06:37	10/14/25 22:04	1
Aroclor-1262	0.069	U	0.069	0.018	mg/Kg	☼	10/13/25 06:37	10/14/25 22:04	1
Aroclor 1268	0.069	U	0.069	0.018	mg/Kg	☼	10/13/25 06:37	10/14/25 22:04	1
Polychlorinated biphenyls, Total	0.069	U	0.069	0.018	mg/Kg	☼	10/13/25 06:37	10/14/25 22:04	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
DCB Decachlorobiphenyl	*122*		*10 - 150*	*10/13/25 06:37*	*10/14/25 22:04*	*1*
DCB Decachlorobiphenyl	*125*		*10 - 150*	*10/13/25 06:37*	*10/14/25 22:04*	*1*
Tetrachloro-m-xylene	*156*	*	*10 - 150*	*10/13/25 06:37*	*10/14/25 22:04*	*1*
Tetrachloro-m-xylene	*151*	*	*10 - 150*	*10/13/25 06:37*	*10/14/25 22:04*	*1*

Method: EPA 1633A - Per- and Polyfluoroalkyl Substances by LC/MS/MS, 1633A

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Perfluorobutanoic acid (PFBA)	0.40	U	0.40	0.10	ug/Kg	☼	10/15/25 14:09	10/17/25 00:05	1
Perfluoropentanoic acid (PFPeA)	0.20	U	0.20	0.10	ug/Kg	☼	10/15/25 14:09	10/17/25 00:05	1
Perfluorohexanoic acid (PFHxA)	0.18	U	0.18	0.18	ug/Kg	☼	10/15/25 14:09	10/17/25 00:05	1
Perfluoroheptanoic acid (PFHpA)	0.15	U	0.15	0.15	ug/Kg	☼	10/15/25 14:09	10/17/25 00:05	1
Perfluorooctanoic acid (PFOA)	0.15	U	0.15	0.15	ug/Kg	☼	10/15/25 14:09	10/17/25 00:05	1
Perfluorononanoic acid (PFNA)	**0.27**		0.20	0.10	ug/Kg	☼	10/15/25 14:09	10/17/25 00:05	1
Perfluorodecanoic acid (PFDA)	**0.099**	**J**	0.20	0.060	ug/Kg	☼	10/15/25 14:09	10/17/25 00:05	1
Perfluoroundecanoic acid (PFUnA)	**3.89**		0.20	0.10	ug/Kg	☼	10/15/25 14:09	10/17/25 00:05	1

Client: Haley & Aldrich, Inc.
Project/Site: Former Port Mobil

Job ID: 460-337049-1

Client Sample ID: 52B_0-4
Date Collected: 10/10/25 12:25
Date Received: 10/10/25 17:30

Lab Sample ID: 460-337049-3
Matrix: Solid
Percent Solids: 96.6

Method: EPA 1633A - Per- and Polyfluoroalkyl Substances by LC/MS/MS, 1633A (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Perfluorododecanoic acid (PFDoA)	**0.16**	**J**	0.20	0.10	ug/Kg	☼	10/15/25 14:09	10/17/25 00:05	1
Perfluorotridecanoic acid (PFTrDA)	**3.26**		0.20	0.10	ug/Kg	☼	10/15/25 14:09	10/17/25 00:05	1
Perfluorotetradecanoic acid (PFTeDA)	0.20	U	0.20	0.10	ug/Kg	☼	10/15/25 14:09	10/17/25 00:05	1
Perfluorobutanesulfonic acid (PFBS)	0.20	U	0.20	0.10	ug/Kg	☼	10/15/25 14:09	10/17/25 00:05	1
Perfluoropentanesulfonic acid (PFPeS)	0.20	U	0.20	0.10	ug/Kg	☼	10/15/25 14:09	10/17/25 00:05	1
Perfluorohexanesulfonic acid (PFHxS)	0.20	U	0.20	0.10	ug/Kg	☼	10/15/25 14:09	10/17/25 00:05	1
Perfluoroheptanesulfonic acid (PFHpS)	0.20	U	0.20	0.10	ug/Kg	☼	10/15/25 14:09	10/17/25 00:05	1
Perfluorooctanesulfonic acid (PFOS)	0.20	U	0.20	0.10	ug/Kg	☼	10/15/25 14:09	10/17/25 00:05	1
Perfluorononanesulfonic acid (PFNS)	0.20	U	0.20	0.10	ug/Kg	☼	10/15/25 14:09	10/17/25 00:05	1
Perfluorodecanesulfonic acid (PFDS)	0.20	U	0.20	0.10	ug/Kg	☼	10/15/25 14:09	10/17/25 00:05	1
Perfluorododecanesulfonic acid (PFDoS)	0.20	U	0.20	0.10	ug/Kg	☼	10/15/25 14:09	10/17/25 00:05	1
1H,1H,2H,2H-Perfluorohexane sulfonic acid (4:2 FTS)	0.40	U	0.40	0.20	ug/Kg	☼	10/15/25 14:09	10/17/25 00:05	1
1H,1H,2H,2H-Perfluorooctane sulfonic acid (6:2 FTS)	0.40	U	0.40	0.20	ug/Kg	☼	10/15/25 14:09	10/17/25 00:05	1
1H,1H,2H,2H-Perfluorodecane sulfonic acid (8:2 FTS)	0.40	U	0.40	0.20	ug/Kg	☼	10/15/25 14:09	10/17/25 00:05	1
Perfluorooctanesulfonamide (PFOSA)	0.20	U	0.20	0.10	ug/Kg	☼	10/15/25 14:09	10/17/25 00:05	1
N-methylperfluorooctane sulfonamide (NMeFOSA)	0.20	U	0.20	0.10	ug/Kg	☼	10/15/25 14:09	10/17/25 00:05	1
N-ethylperfluorooctane sulfonamide (NEtFOSA)	0.20	U	0.20	0.10	ug/Kg	☼	10/15/25 14:09	10/17/25 00:05	1
N-methylperfluorooctanesulfonamidoacetic acid (NMeFOSAA)	0.20	U	0.20	0.10	ug/Kg	☼	10/15/25 14:09	10/17/25 00:05	1
N-ethylperfluorooctanesulfonamidoacetic acid (NEtFOSAA)	0.20	U	0.20	0.10	ug/Kg	☼	10/15/25 14:09	10/17/25 00:05	1
N-methylperfluorooctane sulfonamidoethanol (NMeFOSE)	1.00	U	1.00	0.50	ug/Kg	☼	10/15/25 14:09	10/17/25 00:05	1
N-ethylperfluorooctane sulfonamidoethanol (NEtFOSE)	1.00	U	1.00	0.50	ug/Kg	☼	10/15/25 14:09	10/17/25 00:05	1
Hexafluoropropylene Oxide Dimer Acid (HFPO-DA)	0.20	U	0.20	0.10	ug/Kg	☼	10/15/25 14:09	10/17/25 00:05	1
4,8-Dioxa-3H-perfluorononanoic acid (ADONA)	0.20	U	0.20	0.10	ug/Kg	☼	10/15/25 14:09	10/17/25 00:05	1
Perfluoro-3-methoxypropanoic acid (PFMPA)	0.20	U	0.20	0.10	ug/Kg	☼	10/15/25 14:09	10/17/25 00:05	1
Perfluoro-4-methoxybutanoic acid (PFMBA)	0.20	U	0.20	0.10	ug/Kg	☼	10/15/25 14:09	10/17/25 00:05	1
Nonafluoro-3,6-dioxaheptanoic acid (NFDHA)	0.20	U	0.20	0.10	ug/Kg	☼	10/15/25 14:09	10/17/25 00:05	1
9-Chlorohexadecafluoro-3-oxanonane-1-sulfonic acid (9Cl-PF3ONS)	0.20	U	0.20	0.10	ug/Kg	☼	10/15/25 14:09	10/17/25 00:05	1
11-Chloroeicosafluoro-3-oxaundecane-1-sulfonic acid (11Cl-PF3OUdS)	0.20	U	0.20	0.10	ug/Kg	☼	10/15/25 14:09	10/17/25 00:05	1
Perfluoro (2-ethoxyethane) sulfonic acid (PFEESA)	0.20	U	0.20	0.10	ug/Kg	☼	10/15/25 14:09	10/17/25 00:05	1
3-Perfluoropropylpropanoic acid (3:3 FTCA)	0.40	U	0.40	0.20	ug/Kg	☼	10/15/25 14:09	10/17/25 00:05	1
3-Perfluoropentylpropanoic acid (5:3 FTCA)	1.00	U	1.00	0.50	ug/Kg	☼	10/15/25 14:09	10/17/25 00:05	1

Client Sample ID: 52B_0-4
Date Collected: 10/10/25 12:25
Date Received: 10/10/25 17:30

Lab Sample ID: 460-337049-3
Matrix: Solid
Percent Solids: 96.6

Method: EPA 1633A - Per- and Polyfluoroalkyl Substances by LC/MS/MS, 1633A (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
3-Perfluoroheptylpropanoic acid (7:3 FTCA)	1.00	U	1.00	0.50	ug/Kg	☼	10/15/25 14:09	10/17/25 00:05	1

Isotope Dilution	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
13C4 PFBA	*96.8*		*8 - 130*	*10/15/25 14:09*	*10/17/25 00:05*	*1*
13C5 PFPeA	*84.3*		*35 - 130*	*10/15/25 14:09*	*10/17/25 00:05*	*1*
13C5 PFHxA	*91.8*		*40 - 130*	*10/15/25 14:09*	*10/17/25 00:05*	*1*
13C4 PFHpA	*83.9*		*40 - 130*	*10/15/25 14:09*	*10/17/25 00:05*	*1*
13C8 PFOA	*96.1*		*40 - 130*	*10/15/25 14:09*	*10/17/25 00:05*	*1*
13C9 PFNA	*92.5*		*40 - 130*	*10/15/25 14:09*	*10/17/25 00:05*	*1*
13C6 PFDA	*91.4*		*40 - 130*	*10/15/25 14:09*	*10/17/25 00:05*	*1*
13C7 PFUnA	*80.7*		*40 - 130*	*10/15/25 14:09*	*10/17/25 00:05*	*1*
13C2 PFTeDA	*82.2*		*20 - 130*	*10/15/25 14:09*	*10/17/25 00:05*	*1*
13C3 PFBS	*92.8*		*40 - 135*	*10/15/25 14:09*	*10/17/25 00:05*	*1*
13C3 PFHxS	*92.6*		*40 - 130*	*10/15/25 14:09*	*10/17/25 00:05*	*1*
13C8 PFOS	*83.6*		*40 - 130*	*10/15/25 14:09*	*10/17/25 00:05*	*1*
13C8 FOSA	*104*		*40 - 130*	*10/15/25 14:09*	*10/17/25 00:05*	*1*
d3-NMeFOSAA	*106*		*40 - 135*	*10/15/25 14:09*	*10/17/25 00:05*	*1*
d5-NEtFOSAA	*100*		*40 - 150*	*10/15/25 14:09*	*10/17/25 00:05*	*1*
13C2 4:2 FTS	*208*	*	*40 - 165*	*10/15/25 14:09*	*10/17/25 00:05*	*1*
13C2 6:2 FTS	*231*	*	*40 - 215*	*10/15/25 14:09*	*10/17/25 00:05*	*1*
13C2 8:2 FTS	*258*		*40 - 275*	*10/15/25 14:09*	*10/17/25 00:05*	*1*
13C3 HFPO-DA	*85.8*		*40 - 130*	*10/15/25 14:09*	*10/17/25 00:05*	*1*
d7-N-MeFOSE-M	*48.1*		*20 - 130*	*10/15/25 14:09*	*10/17/25 00:05*	*1*
d9-N-EtFOSE-M	*38.5*		*15 - 130*	*10/15/25 14:09*	*10/17/25 00:05*	*1*
d5-NEtPFOSA	*71.6*		*10 - 130*	*10/15/25 14:09*	*10/17/25 00:05*	*1*
d3-NMePFOSA	*75.9*		*10 - 130*	*10/15/25 14:09*	*10/17/25 00:05*	*1*
13C2 PFDoA	*83.2*		*40 - 130*	*10/15/25 14:09*	*10/17/25 00:05*	*1*

Method: SW846 6020B - Metals (ICP/MS)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Aluminum	**6090**		15.4	4.2	mg/Kg	☼	10/17/25 20:20	10/18/25 18:06	1
Antimony	**3.6**		0.77	0.11	mg/Kg	☼	10/17/25 20:20	10/18/25 18:06	1
Arsenic	**9.6**		0.77	0.080	mg/Kg	☼	10/17/25 20:20	10/18/25 18:06	1
Barium	**40.6**		1.5	0.11	mg/Kg	☼	10/17/25 20:20	10/18/25 18:06	1
Beryllium	**0.70**		0.31	0.017	mg/Kg	☼	10/17/25 20:20	10/18/25 18:06	1
Cadmium	**0.21**	**J**	0.77	0.087	mg/Kg	☼	10/17/25 20:20	10/18/25 18:06	1
Calcium	**954**		77.2	7.5	mg/Kg	☼	10/17/25 20:20	10/18/25 18:06	1
Chromium	**20.5**		1.5	0.23	mg/Kg	☼	10/17/25 20:20	10/18/25 18:06	1
Cobalt	**5.3**		0.77	0.11	mg/Kg	☼	10/17/25 20:20	10/18/25 18:06	1
Copper	**70.8**		1.5	0.28	mg/Kg	☼	10/17/25 20:20	10/18/25 18:06	1
Iron	**17800**		46.3	5.9	mg/Kg	☼	10/17/25 20:20	10/18/25 18:06	1
Lead	**209**		0.46	0.15	mg/Kg	☼	10/17/25 20:20	10/18/25 18:06	1
Magnesium	**1130**		77.2	7.9	mg/Kg	☼	10/17/25 20:20	10/18/25 18:06	1
Manganese	**97.7**		3.1	0.31	mg/Kg	☼	10/17/25 20:20	10/18/25 18:06	1
Nickel	**22.0**		1.5	0.14	mg/Kg	☼	10/17/25 20:20	10/18/25 18:06	1
Potassium	**1020**		77.2	12.5	mg/Kg	☼	10/17/25 20:20	10/18/25 18:06	1
Selenium	**0.61**	**J**	0.97	0.099	mg/Kg	☼	10/17/25 20:20	10/18/25 18:06	1
Silver	**0.40**		0.31	0.069	mg/Kg	☼	10/17/25 20:20	10/18/25 18:06	1
Sodium	**80.9**		77.2	35.3	mg/Kg	☼	10/17/25 20:20	10/18/25 18:06	1
Thallium	**0.070**	**J**	0.31	0.032	mg/Kg	☼	10/17/25 20:20	10/18/25 18:06	1

Client Sample ID: 52B_0-4

Date Collected: 10/10/25 12:25
Date Received: 10/10/25 17:30

Lab Sample ID: 460-337049-3

Matrix: Solid
Percent Solids: 96.6

Method: SW846 6020B - Metals (ICP/MS) (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Vanadium	25.7		1.5	0.16	mg/Kg	☼	10/17/25 20:20	10/18/25 18:06	1
Zinc	170		6.2	0.84	mg/Kg	☼	10/17/25 20:20	10/18/25 18:06	1

Method: SW846 7471B - Mercury (CVAA)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	0.033		0.018	0.0083	mg/Kg	☼	10/22/25 01:14	10/22/25 07:02	1

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Percent Moisture (EPA Moisture)	3.4		1.0	1.0	%			10/13/25 17:10	1
Percent Solids (EPA Moisture)	96.6		1.0	1.0	%			10/13/25 17:10	1

Client Sample ID: 52B_4-8

Date Collected: 10/10/25 12:30
Date Received: 10/10/25 17:30

Lab Sample ID: 460-337049-4

Matrix: Solid
Percent Solids: 92.6

Method: SW846 8260D - Volatile Organic Compounds by GC/MS

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1-Trichloroethane	0.0010	U	0.0010	0.00023	mg/Kg	☼	10/14/25 12:43	10/15/25 18:32	1
1,1,2,2-Tetrachloroethane	0.0010	U	0.0010	0.00052	mg/Kg	☼	10/14/25 12:43	10/15/25 18:32	1
1,1,2-Trichloro-1,2,2-trifluoroethane	0.0010	U	0.0010	0.00030	mg/Kg	☼	10/14/25 12:43	10/15/25 18:32	1
1,1,2-Trichloroethane	0.0010	U	0.0010	0.00060	mg/Kg	☼	10/14/25 12:43	10/15/25 18:32	1
1,1-Dichloroethane	0.0010	U	0.0010	0.00060	mg/Kg	☼	10/14/25 12:43	10/15/25 18:32	1
1,1-Dichloroethene	0.0010	U	0.0010	0.00023	mg/Kg	☼	10/14/25 12:43	10/15/25 18:32	1
1,2,3-Trichlorobenzene	0.0010	U	0.0010	0.00074	mg/Kg	☼	10/14/25 12:43	10/15/25 18:32	1
1,2,4-Trichlorobenzene	0.0010	U	0.0010	0.00036	mg/Kg	☼	10/14/25 12:43	10/15/25 18:32	1
1,2,4-Trimethylbenzene	0.0010	U	0.0010	0.00025	mg/Kg	☼	10/14/25 12:43	10/15/25 18:32	1
1,2-Dibromo-3-Chloropropane	0.0010	U	0.0010	0.00046	mg/Kg	☼	10/14/25 12:43	10/15/25 18:32	1
1,2-Dichlorobenzene	0.0010	U	0.0010	0.00036	mg/Kg	☼	10/14/25 12:43	10/15/25 18:32	1
1,2-Dichloroethane	0.0010	U	0.0010	0.00030	mg/Kg	☼	10/14/25 12:43	10/15/25 18:32	1
1,2-Dichloropropane	0.0010	U	0.0010	0.00042	mg/Kg	☼	10/14/25 12:43	10/15/25 18:32	1
1,3,5-Trimethylbenzene	0.0010	U	0.0010	0.00031	mg/Kg	☼	10/14/25 12:43	10/15/25 18:32	1
1,3-Dichlorobenzene	0.0010	U	0.0010	0.00037	mg/Kg	☼	10/14/25 12:43	10/15/25 18:32	1
1,4-Dichlorobenzene	0.0010	U	0.0010	0.00052	mg/Kg	☼	10/14/25 12:43	10/15/25 18:32	1
2-Butanone (MEK)	0.0050	U	0.0050	0.00037	mg/Kg	☼	10/14/25 12:43	10/15/25 18:32	1
2-Hexanone	0.0050	U	0.0050	0.0017	mg/Kg	☼	10/14/25 12:43	10/15/25 18:32	1
4-Methyl-2-pentanone (MIBK)	0.0050	U	0.0050	0.0016	mg/Kg	☼	10/14/25 12:43	10/15/25 18:32	1
Acetone	0.0060	U	0.0060	0.0057	mg/Kg	☼	10/14/25 12:43	10/15/25 18:32	1
Benzene	0.0010	U	0.0010	0.00057	mg/Kg	☼	10/14/25 12:43	10/15/25 18:32	1
Bromoform	0.0010	U	0.0010	0.00043	mg/Kg	☼	10/14/25 12:43	10/15/25 18:32	1
Bromomethane	0.0020	U	0.0020	0.0010	mg/Kg	☼	10/14/25 12:43	10/15/25 18:32	1
Carbon disulfide	0.0010	U	0.0010	0.00027	mg/Kg	☼	10/14/25 12:43	10/15/25 18:32	1
Carbon tetrachloride	0.0010	U	0.0010	0.00039	mg/Kg	☼	10/14/25 12:43	10/15/25 18:32	1
Chlorobenzene	0.0010	U	0.0010	0.00051	mg/Kg	☼	10/14/25 12:43	10/15/25 18:32	1
Chlorobromomethane	0.0010	U	0.0010	0.00060	mg/Kg	☼	10/14/25 12:43	10/15/25 18:32	1
Chlorodibromomethane	0.0010	U	0.0010	0.00054	mg/Kg	☼	10/14/25 12:43	10/15/25 18:32	1
Chloroethane	0.0010	U	0.0010	0.00052	mg/Kg	☼	10/14/25 12:43	10/15/25 18:32	1
Chloroform	0.0010	U	0.0010	0.00097	mg/Kg	☼	10/14/25 12:43	10/15/25 18:32	1
Chloromethane	0.0010	U	0.0010	0.00044	mg/Kg	☼	10/14/25 12:43	10/15/25 18:32	1
cis-1,2-Dichloroethene	0.0010	U	0.0010	0.00036	mg/Kg	☼	10/14/25 12:43	10/15/25 18:32	1

Client Sample ID: 52B_4-8
Date Collected: 10/10/25 12:30
Date Received: 10/10/25 17:30

Lab Sample ID: 460-337049-4
Matrix: Solid
Percent Solids: 92.6

Method: SW846 8260D - Volatile Organic Compounds by GC/MS (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
cis-1,3-Dichloropropene	0.0010	U	0.0010	0.00027	mg/Kg	☼	10/14/25 12:43	10/15/25 18:32	1
Cyclohexane	0.0010	U	0.0010	0.00022	mg/Kg	☼	10/14/25 12:43	10/15/25 18:32	1
Dichlorobromomethane	0.0010	U	0.0010	0.00026	mg/Kg	☼	10/14/25 12:43	10/15/25 18:32	1
Dichlorodifluoromethane	0.0010	U	0.0010	0.00034	mg/Kg	☼	10/14/25 12:43	10/15/25 18:32	1
Ethylbenzene	0.0010	U	0.0010	0.00047	mg/Kg	☼	10/14/25 12:43	10/15/25 18:32	1
Ethylene Dibromide	0.0010	U	0.0010	0.00051	mg/Kg	☼	10/14/25 12:43	10/15/25 18:32	1
Isopropylbenzene	0.0010	U	0.0010	0.00029	mg/Kg	☼	10/14/25 12:43	10/15/25 18:32	1
Methyl acetate	0.0050	U	0.0050	0.0043	mg/Kg	☼	10/14/25 12:43	10/15/25 18:32	1
Methyl tert-butyl ether	0.0010	U	0.0010	0.00051	mg/Kg	☼	10/14/25 12:43	10/15/25 18:32	1
Methylcyclohexane	0.0010	U	0.0010	0.00050	mg/Kg	☼	10/14/25 12:43	10/15/25 18:32	1
Methylene Chloride	**0.0012**	**J**	0.0020	0.0011	mg/Kg	☼	10/14/25 12:43	10/15/25 18:32	1
m-Xylene & p-Xylene	0.0010	U	0.0010	0.00042	mg/Kg	☼	10/14/25 12:43	10/15/25 18:32	1
n-Butylbenzene	0.0010	U	0.0010	0.00029	mg/Kg	☼	10/14/25 12:43	10/15/25 18:32	1
N-Propylbenzene	0.0010	U	0.0010	0.00045	mg/Kg	☼	10/14/25 12:43	10/15/25 18:32	1
o-Xylene	0.0010	U	0.0010	0.00046	mg/Kg	☼	10/14/25 12:43	10/15/25 18:32	1
sec-Butylbenzene	0.0010	U	0.0010	0.00029	mg/Kg	☼	10/14/25 12:43	10/15/25 18:32	1
Styrene	0.0010	U	0.0010	0.00028	mg/Kg	☼	10/14/25 12:43	10/15/25 18:32	1
tert-Butylbenzene	0.0010	U	0.0010	0.00028	mg/Kg	☼	10/14/25 12:43	10/15/25 18:32	1
Tetrachloroethene	0.0010	U	0.0010	0.00031	mg/Kg	☼	10/14/25 12:43	10/15/25 18:32	1
Toluene	0.0010	U	0.0010	0.00023	mg/Kg	☼	10/14/25 12:43	10/15/25 18:32	1
trans-1,2-Dichloroethene	0.0010	U	0.0010	0.00025	mg/Kg	☼	10/14/25 12:43	10/15/25 18:32	1
trans-1,3-Dichloropropene	0.0010	U	0.0010	0.00027	mg/Kg	☼	10/14/25 12:43	10/15/25 18:32	1
Trichloroethene	0.0010	U	0.0010	0.00032	mg/Kg	☼	10/14/25 12:43	10/15/25 18:32	1
Trichlorofluoromethane	0.0010	U	0.0010	0.00041	mg/Kg	☼	10/14/25 12:43	10/15/25 18:32	1
Vinyl chloride	0.0010	U	0.0010	0.00055	mg/Kg	☼	10/14/25 12:43	10/15/25 18:32	1
Xylenes, Total	0.0020	U	0.0020	0.00017	mg/Kg	☼	10/14/25 12:43	10/15/25 18:32	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,2-Dichloroethane-d4 (Surr)	*104*		*65 - 138*	*10/14/25 12:43*	*10/15/25 18:32*	*1*
4-Bromofluorobenzene	*98*		*71 - 128*	*10/14/25 12:43*	*10/15/25 18:32*	*1*
Dibromofluoromethane (Surr)	*98*		*50 - 150*	*10/14/25 12:43*	*10/15/25 18:32*	*1*
Toluene-d8 (Surr)	*95*		*71 - 126*	*10/14/25 12:43*	*10/15/25 18:32*	*1*

Method: SW846 8270E - Semivolatile Organic Compounds (GC/MS)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1'-Biphenyl	0.36	U	0.36	0.012	mg/Kg	☼	10/13/25 10:32	10/14/25 04:53	1
1,2,4,5-Tetrachlorobenzene	0.36	U	0.36	0.011	mg/Kg	☼	10/13/25 10:32	10/14/25 04:53	1
1,4-Dioxane	0.036	U	0.036	0.031	mg/Kg	☼	10/13/25 10:32	10/14/25 04:53	1
2,2'-oxybis[1-chloropropane]	0.36	U	0.36	0.021	mg/Kg	☼	10/13/25 10:32	10/14/25 04:53	1
2,3,4,6-Tetrachlorophenol	0.36	U	0.36	0.024	mg/Kg	☼	10/13/25 10:32	10/14/25 04:53	1
2,4,5-Trichlorophenol	0.36	U	0.36	0.036	mg/Kg	☼	10/13/25 10:32	10/14/25 04:53	1
2,4,6-Trichlorophenol	0.14	U	0.14	0.046	mg/Kg	☼	10/13/25 10:32	10/14/25 04:53	1
2,4-Dichlorophenol	0.14	U	0.14	0.023	mg/Kg	☼	10/13/25 10:32	10/14/25 04:53	1
2,4-Dimethylphenol	0.36	U	0.36	0.042	mg/Kg	☼	10/13/25 10:32	10/14/25 04:53	1
2,4-Dinitrophenol	0.29	U *	0.29	0.17	mg/Kg	☼	10/13/25 10:32	10/14/25 04:53	1
2,4-Dinitrotoluene	0.072	U	0.072	0.038	mg/Kg	☼	10/13/25 10:32	10/14/25 04:53	1
2,6-Dinitrotoluene	0.072	U	0.072	0.026	mg/Kg	☼	10/13/25 10:32	10/14/25 04:53	1
2-Chloronaphthalene	0.36	U	0.36	0.046	mg/Kg	☼	10/13/25 10:32	10/14/25 04:53	1
2-Chlorophenol	0.36	U	0.36	0.013	mg/Kg	☼	10/13/25 10:32	10/14/25 04:53	1
2-Methylnaphthalene	**0.017**	**J**	0.36	0.010	mg/Kg	☼	10/13/25 10:32	10/14/25 04:53	1

Client Sample ID: 52B_4-8
Date Collected: 10/10/25 12:30
Date Received: 10/10/25 17:30

Lab Sample ID: 460-337049-4
Matrix: Solid
Percent Solids: 92.6

Method: SW846 8270E - Semivolatile Organic Compounds (GC/MS) (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
2-Methylphenol	0.36	U	0.36	0.013	mg/Kg	☼	10/13/25 10:32	10/14/25 04:53	1
2-Nitroaniline	0.36	U	0.36	0.027	mg/Kg	☼	10/13/25 10:32	10/14/25 04:53	1
2-Nitrophenol	0.36	U	0.36	0.036	mg/Kg	☼	10/13/25 10:32	10/14/25 04:53	1
3 & 4 Methylphenol	0.36	U	0.36	0.022	mg/Kg	☼	10/13/25 10:32	10/14/25 04:53	1
3,3'-Dichlorobenzidine	0.14	U	0.14	0.054	mg/Kg	☼	10/13/25 10:32	10/14/25 04:53	1
3-Nitroaniline	0.36	U	0.36	0.084	mg/Kg	☼	10/13/25 10:32	10/14/25 04:53	1
4,6-Dinitro-2-methylphenol	0.29	U *	0.29	0.15	mg/Kg	☼	10/13/25 10:32	10/14/25 04:53	1
4-Bromophenyl phenyl ether	0.36	U	0.36	0.014	mg/Kg	☼	10/13/25 10:32	10/14/25 04:53	1
4-Chloro-3-methylphenol	0.36	U	0.36	0.020	mg/Kg	☼	10/13/25 10:32	10/14/25 04:53	1
4-Chloroaniline	0.36	U	0.36	0.063	mg/Kg	☼	10/13/25 10:32	10/14/25 04:53	1
4-Chlorophenyl phenyl ether	0.36	U	0.36	0.013	mg/Kg	☼	10/13/25 10:32	10/14/25 04:53	1
4-Methylphenol	0.36	U	0.36	0.022	mg/Kg	☼	10/13/25 10:32	10/14/25 04:53	1
4-Nitroaniline	0.36	U	0.36	0.090	mg/Kg	☼	10/13/25 10:32	10/14/25 04:53	1
4-Nitrophenol	0.72	U	0.72	0.058	mg/Kg	☼	10/13/25 10:32	10/14/25 04:53	1
Acenaphthene	0.36	U	0.36	0.010	mg/Kg	☼	10/13/25 10:32	10/14/25 04:53	1
Acenaphthylene	0.36	U	0.36	0.010	mg/Kg	☼	10/13/25 10:32	10/14/25 04:53	1
Acetophenone	0.36	U	0.36	0.017	mg/Kg	☼	10/13/25 10:32	10/14/25 04:53	1
Anthracene	0.36	U	0.36	0.011	mg/Kg	☼	10/13/25 10:32	10/14/25 04:53	1
Atrazine	0.14	U	0.14	0.021	mg/Kg	☼	10/13/25 10:32	10/14/25 04:53	1
Benzaldehyde	0.36	U	0.36	0.059	mg/Kg	☼	10/13/25 10:32	10/14/25 04:53	1
Benzo[a]anthracene	0.036	U	0.036	0.027	mg/Kg	☼	10/13/25 10:32	10/14/25 04:53	1
Benzo[a]pyrene	**0.010**	**J**	0.036	0.0095	mg/Kg	☼	10/13/25 10:32	10/14/25 04:53	1
Benzo[b]fluoranthene	**0.018**	**J**	0.036	0.0092	mg/Kg	☼	10/13/25 10:32	10/14/25 04:53	1
Benzo[g,h,i]perylene	**0.012**	**J**	0.36	0.010	mg/Kg	☼	10/13/25 10:32	10/14/25 04:53	1
Benzo[k]fluoranthene	0.036	U	0.036	0.0070	mg/Kg	☼	10/13/25 10:32	10/14/25 04:53	1
Bis(2-chloroethoxy)methane	0.36	U	0.36	0.066	mg/Kg	☼	10/13/25 10:32	10/14/25 04:53	1
Bis(2-chloroethyl)ether	0.036	U	0.036	0.012	mg/Kg	☼	10/13/25 10:32	10/14/25 04:53	1
Bis(2-ethylhexyl) phthalate	0.36	U	0.36	0.019	mg/Kg	☼	10/13/25 10:32	10/14/25 04:53	1
Butyl benzyl phthalate	0.36	U	0.36	0.017	mg/Kg	☼	10/13/25 10:32	10/14/25 04:53	1
Caprolactam	0.36	U	0.36	0.055	mg/Kg	☼	10/13/25 10:32	10/14/25 04:53	1
Carbazole	0.36	U	0.36	0.014	mg/Kg	☼	10/13/25 10:32	10/14/25 04:53	1
Chrysene	**0.020**	**J**	0.36	0.015	mg/Kg	☼	10/13/25 10:32	10/14/25 04:53	1
Dibenz(a,h)anthracene	0.036	U	0.036	0.015	mg/Kg	☼	10/13/25 10:32	10/14/25 04:53	1
Dibenzofuran	0.36	U	0.36	0.012	mg/Kg	☼	10/13/25 10:32	10/14/25 04:53	1
Diethyl phthalate	0.36	U	0.36	0.011	mg/Kg	☼	10/13/25 10:32	10/14/25 04:53	1
Dimethyl phthalate	0.36	U	0.36	0.081	mg/Kg	☼	10/13/25 10:32	10/14/25 04:53	1
Di-n-butyl phthalate	0.36	U	0.36	0.013	mg/Kg	☼	10/13/25 10:32	10/14/25 04:53	1
Di-n-octyl phthalate	0.36	U	0.36	0.019	mg/Kg	☼	10/13/25 10:32	10/14/25 04:53	1
Fluoranthene	**0.018**	**J**	0.36	0.012	mg/Kg	☼	10/13/25 10:32	10/14/25 04:53	1
Fluorene	0.36	U	0.36	0.010	mg/Kg	☼	10/13/25 10:32	10/14/25 04:53	1
Hexachlorobenzene	0.036	U	0.036	0.017	mg/Kg	☼	10/13/25 10:32	10/14/25 04:53	1
Hexachlorobutadiene	0.072	U	0.072	0.0076	mg/Kg	☼	10/13/25 10:32	10/14/25 04:53	1
Hexachlorocyclopentadiene	0.36	U	0.36	0.031	mg/Kg	☼	10/13/25 10:32	10/14/25 04:53	1
Hexachloroethane	0.036	U	0.036	0.012	mg/Kg	☼	10/13/25 10:32	10/14/25 04:53	1
Indeno[1,2,3-cd]pyrene	0.036	U	0.036	0.014	mg/Kg	☼	10/13/25 10:32	10/14/25 04:53	1
Isophorone	0.14	U	0.14	0.10	mg/Kg	☼	10/13/25 10:32	10/14/25 04:53	1
Naphthalene	**0.016**	**J**	0.36	0.0062	mg/Kg	☼	10/13/25 10:32	10/14/25 04:53	1
Nitrobenzene	0.036	U	0.036	0.020	mg/Kg	☼	10/13/25 10:32	10/14/25 04:53	1
N-Nitrosodi-n-propylamine	0.036	U	0.036	0.026	mg/Kg	☼	10/13/25 10:32	10/14/25 04:53	1

Client Sample ID: 52B_4-8
Date Collected: 10/10/25 12:30
Date Received: 10/10/25 17:30

Lab Sample ID: 460-337049-4
Matrix: Solid
Percent Solids: 92.6

Method: SW846 8270E - Semivolatile Organic Compounds (GC/MS) (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
N-Nitrosodiphenylamine	0.36	U	0.36	0.029	mg/Kg	☼	10/13/25 10:32	10/14/25 04:53	1
Pentachlorophenol	0.29	U	0.29	0.073	mg/Kg	☼	10/13/25 10:32	10/14/25 04:53	1
Phenanthrene	**0.023**	**J**	0.36	0.015	mg/Kg	☼	10/13/25 10:32	10/14/25 04:53	1
Phenol	0.36	U	0.36	0.013	mg/Kg	☼	10/13/25 10:32	10/14/25 04:53	1
Pyrene	**0.017**	**J**	0.36	0.0089	mg/Kg	☼	10/13/25 10:32	10/14/25 04:53	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
2,4,6-Tribromophenol (Surr)	*69*		*18 - 137*	*10/13/25 10:32*	*10/14/25 04:53*	*1*
2-Fluorobiphenyl	*60*		*33 - 117*	*10/13/25 10:32*	*10/14/25 04:53*	*1*
2-Fluorophenol (Surr)	*61*		*24 - 120*	*10/13/25 10:32*	*10/14/25 04:53*	*1*
Nitrobenzene-d5 (Surr)	*53*		*27 - 120*	*10/13/25 10:32*	*10/14/25 04:53*	*1*
Phenol-d5 (Surr)	*61*		*28 - 118*	*10/13/25 10:32*	*10/14/25 04:53*	*1*
Terphenyl-d14 (Surr)	*64*		*33 - 124*	*10/13/25 10:32*	*10/14/25 04:53*	*1*

Method: SW846 8081B - Organochlorine Pesticides (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
4,4'-DDD	0.0072	U	0.0072	0.0012	mg/Kg	☼	10/13/25 05:42	10/15/25 08:41	1
4,4'-DDE	0.0072	U	0.0072	0.00085	mg/Kg	☼	10/13/25 05:42	10/15/25 08:41	1
4,4'-DDT	0.0072	U	0.0072	0.0013	mg/Kg	☼	10/13/25 05:42	10/15/25 08:41	1
Aldrin	0.0072	U	0.0072	0.0011	mg/Kg	☼	10/13/25 05:42	10/15/25 08:41	1
alpha-BHC	0.0021	U	0.0021	0.00073	mg/Kg	☼	10/13/25 05:42	10/15/25 08:41	1
beta-BHC	0.0021	U	0.0021	0.00080	mg/Kg	☼	10/13/25 05:42	10/15/25 08:41	1
Chlordane (technical)	0.072	U	0.072	0.017	mg/Kg	☼	10/13/25 05:42	10/15/25 08:41	1
cis-Chlordane	0.0072	U	0.0072	0.0011	mg/Kg	☼	10/13/25 05:42	10/15/25 08:41	1
delta-BHC	0.0021	U	0.0021	0.00044	mg/Kg	☼	10/13/25 05:42	10/15/25 08:41	1
Dieldrin	0.0021	U	0.0021	0.00093	mg/Kg	☼	10/13/25 05:42	10/15/25 08:41	1
Endosulfan I	0.0072	U	0.0072	0.0011	mg/Kg	☼	10/13/25 05:42	10/15/25 08:41	1
Endosulfan II	0.0072	U	0.0072	0.0018	mg/Kg	☼	10/13/25 05:42	10/15/25 08:41	1
Endosulfan sulfate	0.0072	U	0.0072	0.00090	mg/Kg	☼	10/13/25 05:42	10/15/25 08:41	1
Endrin	0.0072	U	0.0072	0.0010	mg/Kg	☼	10/13/25 05:42	10/15/25 08:41	1
Endrin aldehyde	0.0072	U	0.0072	0.0017	mg/Kg	☼	10/13/25 05:42	10/15/25 08:41	1
Endrin ketone	0.0072	U	0.0072	0.0014	mg/Kg	☼	10/13/25 05:42	10/15/25 08:41	1
gamma-BHC (Lindane)	0.0021	U	0.0021	0.00066	mg/Kg	☼	10/13/25 05:42	10/15/25 08:41	1
Heptachlor	0.0072	U	0.0072	0.00085	mg/Kg	☼	10/13/25 05:42	10/15/25 08:41	1
Heptachlor epoxide	0.0072	U	0.0072	0.0011	mg/Kg	☼	10/13/25 05:42	10/15/25 08:41	1
Methoxychlor	0.0072	U	0.0072	0.0016	mg/Kg	☼	10/13/25 05:42	10/15/25 08:41	1
Toxaphene	0.072	U	0.072	0.026	mg/Kg	☼	10/13/25 05:42	10/15/25 08:41	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
DCB Decachlorobiphenyl	*91*		*10 - 150*	*10/13/25 05:42*	*10/15/25 08:41*	*1*
DCB Decachlorobiphenyl	*83*		*10 - 150*	*10/13/25 05:42*	*10/15/25 08:41*	*1*
Tetrachloro-m-xylene	*104*		*14 - 150*	*10/13/25 05:42*	*10/15/25 08:41*	*1*
Tetrachloro-m-xylene	*103*		*14 - 150*	*10/13/25 05:42*	*10/15/25 08:41*	*1*

Method: SW846 8082A - Polychlorinated Biphenyls (PCBs) by Gas Chromatography

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Aroclor 1016	0.072	U	0.072	0.019	mg/Kg	☼	10/13/25 06:37	10/14/25 22:20	1
Aroclor 1221	0.072	U	0.072	0.019	mg/Kg	☼	10/13/25 06:37	10/14/25 22:20	1
Aroclor 1232	0.072	U	0.072	0.019	mg/Kg	☼	10/13/25 06:37	10/14/25 22:20	1
Aroclor 1242	0.072	U	0.072	0.019	mg/Kg	☼	10/13/25 06:37	10/14/25 22:20	1

Client Sample ID: 52B_4-8
Date Collected: 10/10/25 12:30
Date Received: 10/10/25 17:30

Lab Sample ID: 460-337049-4
Matrix: Solid
Percent Solids: 92.6

Method: SW846 8082A - Polychlorinated Biphenyls (PCBs) by Gas Chromatography (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Aroclor 1248	0.072	U	0.072	0.019	mg/Kg	☼	10/13/25 06:37	10/14/25 22:20	1
Aroclor 1254	0.072	U	0.072	0.019	mg/Kg	☼	10/13/25 06:37	10/14/25 22:20	1
Aroclor 1260	0.072	U	0.072	0.019	mg/Kg	☼	10/13/25 06:37	10/14/25 22:20	1
Aroclor-1262	0.072	U	0.072	0.019	mg/Kg	☼	10/13/25 06:37	10/14/25 22:20	1
Aroclor 1268	0.072	U	0.072	0.019	mg/Kg	☼	10/13/25 06:37	10/14/25 22:20	1
Polychlorinated biphenyls, Total	0.072	U	0.072	0.019	mg/Kg	☼	10/13/25 06:37	10/14/25 22:20	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
DCB Decachlorobiphenyl	*98*		*10 - 150*	*10/13/25 06:37*	*10/14/25 22:20*	*1*
DCB Decachlorobiphenyl	*101*		*10 - 150*	*10/13/25 06:37*	*10/14/25 22:20*	*1*
Tetrachloro-m-xylene	*125*		*10 - 150*	*10/13/25 06:37*	*10/14/25 22:20*	*1*
Tetrachloro-m-xylene	*124*		*10 - 150*	*10/13/25 06:37*	*10/14/25 22:20*	*1*

Method: EPA 1633A - Per- and Polyfluoroalkyl Substances by LC/MS/MS, 1633A

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Perfluorobutanoic acid (PFBA)	0.39	U	0.39	0.097	ug/Kg	☼	10/15/25 14:09	10/17/25 00:19	1
Perfluoropentanoic acid (PFPeA)	0.19	U	0.19	0.097	ug/Kg	☼	10/15/25 14:09	10/17/25 00:19	1
Perfluorohexanoic acid (PFHxA)	0.12	U	0.12	0.12	ug/Kg	☼	10/15/25 14:09	10/17/25 00:19	1
Perfluoroheptanoic acid (PFHpA)	0.19	U	0.19	0.097	ug/Kg	☼	10/15/25 14:09	10/17/25 00:19	1
Perfluorooctanoic acid (PFOA)	**0.072**	**J**	0.19	0.058	ug/Kg	☼	10/15/25 14:09	10/17/25 00:19	1
Perfluorononanoic acid (PFNA)	**0.15**	**J**	0.19	0.097	ug/Kg	☼	10/15/25 14:09	10/17/25 00:19	1
Perfluorodecanoic acid (PFDA)	**0.084**	**J**	0.19	0.058	ug/Kg	☼	10/15/25 14:09	10/17/25 00:19	1
Perfluoroundecanoic acid (PFUnA)	**1.11**		0.19	0.097	ug/Kg	☼	10/15/25 14:09	10/17/25 00:19	1
Perfluorododecanoic acid (PFDoA)	0.19	U	0.19	0.097	ug/Kg	☼	10/15/25 14:09	10/17/25 00:19	1
Perfluorotridecanoic acid (PFTrDA)	**0.74**		0.19	0.097	ug/Kg	☼	10/15/25 14:09	10/17/25 00:19	1
Perfluorotetradecanoic acid (PFTeDA)	0.19	U	0.19	0.097	ug/Kg	☼	10/15/25 14:09	10/17/25 00:19	1
Perfluorobutanesulfonic acid (PFBS)	0.19	U	0.19	0.097	ug/Kg	☼	10/15/25 14:09	10/17/25 00:19	1
Perfluoropentanesulfonic acid (PFPeS)	0.19	U	0.19	0.097	ug/Kg	☼	10/15/25 14:09	10/17/25 00:19	1
Perfluorohexanesulfonic acid (PFHxS)	0.19	U	0.19	0.097	ug/Kg	☼	10/15/25 14:09	10/17/25 00:19	1
Perfluoroheptanesulfonic acid (PFHpS)	0.19	U	0.19	0.097	ug/Kg	☼	10/15/25 14:09	10/17/25 00:19	1
Perfluorooctanesulfonic acid (PFOS)	0.19	U	0.19	0.097	ug/Kg	☼	10/15/25 14:09	10/17/25 00:19	1
Perfluorononanesulfonic acid (PFNS)	0.19	U	0.19	0.097	ug/Kg	☼	10/15/25 14:09	10/17/25 00:19	1
Perfluorodecanesulfonic acid (PFDS)	0.19	U	0.19	0.097	ug/Kg	☼	10/15/25 14:09	10/17/25 00:19	1
Perfluorododecanesulfonic acid (PFDoS)	0.19	U	0.19	0.097	ug/Kg	☼	10/15/25 14:09	10/17/25 00:19	1
1H,1H,2H,2H-Perfluorohexane sulfonic acid (4:2 FTS)	0.39	U	0.39	0.19	ug/Kg	☼	10/15/25 14:09	10/17/25 00:19	1
1H,1H,2H,2H-Perfluorooctane sulfonic acid (6:2 FTS)	0.39	U	0.39	0.19	ug/Kg	☼	10/15/25 14:09	10/17/25 00:19	1
1H,1H,2H,2H-Perfluorodecane sulfonic acid (8:2 FTS)	0.39	U	0.39	0.19	ug/Kg	☼	10/15/25 14:09	10/17/25 00:19	1
Perfluorooctanesulfonamide (PFOSA)	0.19	U	0.19	0.097	ug/Kg	☼	10/15/25 14:09	10/17/25 00:19	1
N-methylperfluorooctane sulfonamide (NMeFOSA)	0.19	U	0.19	0.097	ug/Kg	☼	10/15/25 14:09	10/17/25 00:19	1
N-ethylperfluorooctane sulfonamide (NEtFOSA)	0.19	U	0.19	0.097	ug/Kg	☼	10/15/25 14:09	10/17/25 00:19	1
N-methylperfluorooctanesulfonamidoacetic acid (NMeFOSAA)	0.19	U	0.19	0.097	ug/Kg	☼	10/15/25 14:09	10/17/25 00:19	1

Client Sample ID: 52B_4-8
Date Collected: 10/10/25 12:30
Date Received: 10/10/25 17:30

Lab Sample ID: 460-337049-4
Matrix: Solid
Percent Solids: 92.6

Method: EPA 1633A - Per- and Polyfluoroalkyl Substances by LC/MS/MS, 1633A (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
N-ethylperfluorooctanesulfonamidoacetic acid (NEtFOSAA)	0.19	U	0.19	0.097	ug/Kg	☼	10/15/25 14:09	10/17/25 00:19	1
N-methylperfluorooctane sulfonamidoethanol (NMeFOSE)	0.97	U	0.97	0.49	ug/Kg	☼	10/15/25 14:09	10/17/25 00:19	1
N-ethylperfluorooctane sulfonamidoethanol (NEtFOSE)	0.97	U	0.97	0.49	ug/Kg	☼	10/15/25 14:09	10/17/25 00:19	1
Hexafluoropropylene Oxide Dimer Acid (HFPO-DA)	0.19	U	0.19	0.097	ug/Kg	☼	10/15/25 14:09	10/17/25 00:19	1
4,8-Dioxa-3H-perfluorononanoic acid (ADONA)	0.19	U	0.19	0.097	ug/Kg	☼	10/15/25 14:09	10/17/25 00:19	1
Perfluoro-3-methoxypropanoic acid (PFMPA)	0.19	U	0.19	0.097	ug/Kg	☼	10/15/25 14:09	10/17/25 00:19	1
Perfluoro-4-methoxybutanoic acid (PFMBA)	0.19	U	0.19	0.097	ug/Kg	☼	10/15/25 14:09	10/17/25 00:19	1
Nonafluoro-3,6-dioxaheptanoic acid (NFDHA)	0.19	U	0.19	0.097	ug/Kg	☼	10/15/25 14:09	10/17/25 00:19	1
9-Chlorohexadecafluoro-3-oxanonane-1-sulfonic acid (9Cl-PF3ONS)	0.19	U	0.19	0.097	ug/Kg	☼	10/15/25 14:09	10/17/25 00:19	1
11-Chloroeicosafluoro-3-oxaundecane-1-sulfonic acid (11Cl-PF3OUdS)	0.19	U	0.19	0.097	ug/Kg	☼	10/15/25 14:09	10/17/25 00:19	1
Perfluoro (2-ethoxyethane) sulfonic acid (PFEESA)	0.19	U	0.19	0.097	ug/Kg	☼	10/15/25 14:09	10/17/25 00:19	1
3-Perfluoropropylpropanoic acid (3:3 FTCA)	0.39	U	0.39	0.19	ug/Kg	☼	10/15/25 14:09	10/17/25 00:19	1
3-Perfluoropentylpropanoic acid (5:3 FTCA)	0.97	U	0.97	0.49	ug/Kg	☼	10/15/25 14:09	10/17/25 00:19	1
3-Perfluoroheptylpropanoic acid (7:3 FTCA)	0.97	U	0.97	0.49	ug/Kg	☼	10/15/25 14:09	10/17/25 00:19	1

Isotope Dilution	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
13C4 PFBA	*92.2*		*8 - 130*	*10/15/25 14:09*	*10/17/25 00:19*	*1*
13C5 PFPeA	*85.4*		*35 - 130*	*10/15/25 14:09*	*10/17/25 00:19*	*1*
13C5 PFHxA	*93.0*		*40 - 130*	*10/15/25 14:09*	*10/17/25 00:19*	*1*
13C4 PFHpA	*88.8*		*40 - 130*	*10/15/25 14:09*	*10/17/25 00:19*	*1*
13C8 PFOA	*92.5*		*40 - 130*	*10/15/25 14:09*	*10/17/25 00:19*	*1*
13C9 PFNA	*91.0*		*40 - 130*	*10/15/25 14:09*	*10/17/25 00:19*	*1*
13C6 PFDA	*84.5*		*40 - 130*	*10/15/25 14:09*	*10/17/25 00:19*	*1*
13C7 PFUnA	*79.4*		*40 - 130*	*10/15/25 14:09*	*10/17/25 00:19*	*1*
13C2 PFTeDA	*69.5*		*20 - 130*	*10/15/25 14:09*	*10/17/25 00:19*	*1*
13C3 PFBS	*88.4*		*40 - 135*	*10/15/25 14:09*	*10/17/25 00:19*	*1*
13C3 PFHxS	*88.0*		*40 - 130*	*10/15/25 14:09*	*10/17/25 00:19*	*1*
13C8 PFOS	*82.4*		*40 - 130*	*10/15/25 14:09*	*10/17/25 00:19*	*1*
13C8 FOSA	*86.8*		*40 - 130*	*10/15/25 14:09*	*10/17/25 00:19*	*1*
d3-NMeFOSAA	*85.4*		*40 - 135*	*10/15/25 14:09*	*10/17/25 00:19*	*1*
d5-NEtFOSAA	*78.3*		*40 - 150*	*10/15/25 14:09*	*10/17/25 00:19*	*1*
13C2 4:2 FTS	*138*		*40 - 165*	*10/15/25 14:09*	*10/17/25 00:19*	*1*
13C2 6:2 FTS	*143*		*40 - 215*	*10/15/25 14:09*	*10/17/25 00:19*	*1*
13C2 8:2 FTS	*170*		*40 - 275*	*10/15/25 14:09*	*10/17/25 00:19*	*1*
13C3 HFPO-DA	*91.3*		*40 - 130*	*10/15/25 14:09*	*10/17/25 00:19*	*1*
d7-N-MeFOSE-M	*29.3*		*20 - 130*	*10/15/25 14:09*	*10/17/25 00:19*	*1*
d9-N-EtFOSE-M	*22.8*		*15 - 130*	*10/15/25 14:09*	*10/17/25 00:19*	*1*
d5-NEtPFOSA	*70.0*		*10 - 130*	*10/15/25 14:09*	*10/17/25 00:19*	*1*
d3-NMePFOSA	*72.1*		*10 - 130*	*10/15/25 14:09*	*10/17/25 00:19*	*1*
13C2 PFDoA	*69.2*		*40 - 130*	*10/15/25 14:09*	*10/17/25 00:19*	*1*

Client Sample ID: 52B_4-8

Date Collected: 10/10/25 12:30
Date Received: 10/10/25 17:30

Lab Sample ID: 460-337049-4

Matrix: Solid
Percent Solids: 92.6

Method: SW846 6020B - Metals (ICP/MS)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Aluminum	5450		17.0	4.7	mg/Kg	☼	10/17/25 20:20	10/18/25 18:21	1
Antimony	2.3		0.85	0.12	mg/Kg	☼	10/17/25 20:20	10/18/25 18:21	1
Arsenic	8.0		0.85	0.088	mg/Kg	☼	10/17/25 20:20	10/18/25 18:21	1
Barium	36.9		1.7	0.12	mg/Kg	☼	10/17/25 20:20	10/18/25 18:21	1
Beryllium	0.74		0.34	0.019	mg/Kg	☼	10/17/25 20:20	10/18/25 18:21	1
Cadmium	0.24	J	0.85	0.096	mg/Kg	☼	10/17/25 20:20	10/18/25 18:21	1
Calcium	918		85.1	8.3	mg/Kg	☼	10/17/25 20:20	10/18/25 18:21	1
Chromium	17.9		1.7	0.25	mg/Kg	☼	10/17/25 20:20	10/18/25 18:21	1
Cobalt	4.3		0.85	0.13	mg/Kg	☼	10/17/25 20:20	10/18/25 18:21	1
Copper	52.6		1.7	0.31	mg/Kg	☼	10/17/25 20:20	10/18/25 18:21	1
Iron	14900		51.0	6.5	mg/Kg	☼	10/17/25 20:20	10/18/25 18:21	1
Lead	107		0.51	0.17	mg/Kg	☼	10/17/25 20:20	10/18/25 18:21	1
Magnesium	1010		85.1	8.7	mg/Kg	☼	10/17/25 20:20	10/18/25 18:21	1
Manganese	94.3		3.4	0.34	mg/Kg	☼	10/17/25 20:20	10/18/25 18:21	1
Nickel	15.2		1.7	0.15	mg/Kg	☼	10/17/25 20:20	10/18/25 18:21	1
Potassium	961		85.1	13.8	mg/Kg	☼	10/17/25 20:20	10/18/25 18:21	1
Selenium	0.37	J	1.1	0.11	mg/Kg	☼	10/17/25 20:20	10/18/25 18:21	1
Silver	0.35		0.34	0.076	mg/Kg	☼	10/17/25 20:20	10/18/25 18:21	1
Sodium	62.0	J	85.1	38.9	mg/Kg	☼	10/17/25 20:20	10/18/25 18:21	1
Thallium	0.061	J	0.34	0.035	mg/Kg	☼	10/17/25 20:20	10/18/25 18:21	1
Vanadium	22.5		1.7	0.18	mg/Kg	☼	10/17/25 20:20	10/18/25 18:21	1
Zinc	115		6.8	0.93	mg/Kg	☼	10/17/25 20:20	10/18/25 18:21	1

Method: SW846 7471B - Mercury (CVAA)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	0.031		0.018	0.0085	mg/Kg	☼	10/22/25 01:14	10/22/25 07:05	1

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Percent Moisture (EPA Moisture)	7.4		1.0	1.0	%			10/13/25 17:10	1
Percent Solids (EPA Moisture)	92.6		1.0	1.0	%			10/13/25 17:10	1

Client Sample ID: 52C_0-4

Date Collected: 10/10/25 12:35
Date Received: 10/10/25 17:30

Lab Sample ID: 460-337049-5

Matrix: Solid
Percent Solids: 96.3

Method: SW846 8260D - Volatile Organic Compounds by GC/MS

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1-Trichloroethane	0.00098	U	0.00098	0.00023	mg/Kg	☼	10/14/25 12:44	10/15/25 18:56	1
1,1,2,2-Tetrachloroethane	0.00098	U	0.00098	0.00051	mg/Kg	☼	10/14/25 12:44	10/15/25 18:56	1
1,1,2-Trichloro-1,2,2-trifluoroethane	0.00098	U	0.00098	0.00030	mg/Kg	☼	10/14/25 12:44	10/15/25 18:56	1
1,1,2-Trichloroethane	0.00098	U	0.00098	0.00059	mg/Kg	☼	10/14/25 12:44	10/15/25 18:56	1
1,1-Dichloroethane	0.00098	U	0.00098	0.00059	mg/Kg	☼	10/14/25 12:44	10/15/25 18:56	1
1,1-Dichloroethene	0.00098	U	0.00098	0.00022	mg/Kg	☼	10/14/25 12:44	10/15/25 18:56	1
1,2,3-Trichlorobenzene	0.00098	U	0.00098	0.00073	mg/Kg	☼	10/14/25 12:44	10/15/25 18:56	1
1,2,4-Trichlorobenzene	0.00098	U	0.00098	0.00035	mg/Kg	☼	10/14/25 12:44	10/15/25 18:56	1
1,2,4-Trimethylbenzene	0.00098	U	0.00098	0.00024	mg/Kg	☼	10/14/25 12:44	10/15/25 18:56	1
1,2-Dibromo-3-Chloropropane	0.00098	U	0.00098	0.00045	mg/Kg	☼	10/14/25 12:44	10/15/25 18:56	1
1,2-Dichlorobenzene	0.00098	U	0.00098	0.00035	mg/Kg	☼	10/14/25 12:44	10/15/25 18:56	1
1,2-Dichloroethane	0.00098	U	0.00098	0.00029	mg/Kg	☼	10/14/25 12:44	10/15/25 18:56	1

Client: Haley & Aldrich, Inc.
Project/Site: Former Port Mobil

Job ID: 460-337049-1

Client Sample ID: 52C_0-4
Date Collected: 10/10/25 12:35
Date Received: 10/10/25 17:30

Lab Sample ID: 460-337049-5
Matrix: Solid
Percent Solids: 96.3

Method: SW846 8260D - Volatile Organic Compounds by GC/MS (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,2-Dichloropropane	0.00098	U	0.00098	0.00042	mg/Kg	☼	10/14/25 12:44	10/15/25 18:56	1
1,3,5-Trimethylbenzene	0.00098	U	0.00098	0.00031	mg/Kg	☼	10/14/25 12:44	10/15/25 18:56	1
1,3-Dichlorobenzene	0.00098	U	0.00098	0.00036	mg/Kg	☼	10/14/25 12:44	10/15/25 18:56	1
1,4-Dichlorobenzene	0.00098	U	0.00098	0.00051	mg/Kg	☼	10/14/25 12:44	10/15/25 18:56	1
2-Butanone (MEK)	0.0049	U	0.0049	0.00036	mg/Kg	☼	10/14/25 12:44	10/15/25 18:56	1
2-Hexanone	0.0049	U	0.0049	0.0017	mg/Kg	☼	10/14/25 12:44	10/15/25 18:56	1
4-Methyl-2-pentanone (MIBK)	0.0049	U	0.0049	0.0015	mg/Kg	☼	10/14/25 12:44	10/15/25 18:56	1
Acetone	0.0059	U	0.0059	0.0056	mg/Kg	☼	10/14/25 12:44	10/15/25 18:56	1
Benzene	0.00098	U	0.00098	0.00056	mg/Kg	☼	10/14/25 12:44	10/15/25 18:56	1
Bromoform	0.00098	U	0.00098	0.00042	mg/Kg	☼	10/14/25 12:44	10/15/25 18:56	1
Bromomethane	0.0020	U	0.0020	0.00098	mg/Kg	☼	10/14/25 12:44	10/15/25 18:56	1
Carbon disulfide	0.00098	U	0.00098	0.00026	mg/Kg	☼	10/14/25 12:44	10/15/25 18:56	1
Carbon tetrachloride	0.00098	U	0.00098	0.00038	mg/Kg	☼	10/14/25 12:44	10/15/25 18:56	1
Chlorobenzene	0.00098	U	0.00098	0.00050	mg/Kg	☼	10/14/25 12:44	10/15/25 18:56	1
Chlorobromomethane	0.00098	U	0.00098	0.00059	mg/Kg	☼	10/14/25 12:44	10/15/25 18:56	1
Chlorodibromomethane	0.00098	U	0.00098	0.00053	mg/Kg	☼	10/14/25 12:44	10/15/25 18:56	1
Chloroethane	0.00098	U	0.00098	0.00051	mg/Kg	☼	10/14/25 12:44	10/15/25 18:56	1
Chloroform	0.00098	U	0.00098	0.00095	mg/Kg	☼	10/14/25 12:44	10/15/25 18:56	1
Chloromethane	0.00098	U	0.00098	0.00043	mg/Kg	☼	10/14/25 12:44	10/15/25 18:56	1
cis-1,2-Dichloroethene	0.00098	U	0.00098	0.00035	mg/Kg	☼	10/14/25 12:44	10/15/25 18:56	1
cis-1,3-Dichloropropene	0.00098	U	0.00098	0.00027	mg/Kg	☼	10/14/25 12:44	10/15/25 18:56	1
Cyclohexane	0.00098	U	0.00098	0.00022	mg/Kg	☼	10/14/25 12:44	10/15/25 18:56	1
Dichlorobromomethane	0.00098	U	0.00098	0.00025	mg/Kg	☼	10/14/25 12:44	10/15/25 18:56	1
Dichlorodifluoromethane	0.00098	U	0.00098	0.00033	mg/Kg	☼	10/14/25 12:44	10/15/25 18:56	1
Ethylbenzene	0.00098	U	0.00098	0.00046	mg/Kg	☼	10/14/25 12:44	10/15/25 18:56	1
Ethylene Dibromide	0.00098	U	0.00098	0.00050	mg/Kg	☼	10/14/25 12:44	10/15/25 18:56	1
Isopropylbenzene	0.00098	U	0.00098	0.00028	mg/Kg	☼	10/14/25 12:44	10/15/25 18:56	1
Methyl acetate	0.0049	U	0.0049	0.0042	mg/Kg	☼	10/14/25 12:44	10/15/25 18:56	1
Methyl tert-butyl ether	0.00098	U	0.00098	0.00050	mg/Kg	☼	10/14/25 12:44	10/15/25 18:56	1
Methylcyclohexane	0.00098	U	0.00098	0.00049	mg/Kg	☼	10/14/25 12:44	10/15/25 18:56	1
Methylene Chloride	**0.0013**	**J**	0.0020	0.0011	mg/Kg	☼	10/14/25 12:44	10/15/25 18:56	1
m-Xylene & p-Xylene	0.00098	U	0.00098	0.00042	mg/Kg	☼	10/14/25 12:44	10/15/25 18:56	1
n-Butylbenzene	0.00098	U	0.00098	0.00029	mg/Kg	☼	10/14/25 12:44	10/15/25 18:56	1
N-Propylbenzene	0.00098	U	0.00098	0.00044	mg/Kg	☼	10/14/25 12:44	10/15/25 18:56	1
o-Xylene	0.00098	U	0.00098	0.00045	mg/Kg	☼	10/14/25 12:44	10/15/25 18:56	1
sec-Butylbenzene	0.00098	U	0.00098	0.00028	mg/Kg	☼	10/14/25 12:44	10/15/25 18:56	1
Styrene	0.00098	U	0.00098	0.00027	mg/Kg	☼	10/14/25 12:44	10/15/25 18:56	1
tert-Butylbenzene	0.00098	U	0.00098	0.00027	mg/Kg	☼	10/14/25 12:44	10/15/25 18:56	1
Tetrachloroethene	0.00098	U	0.00098	0.00030	mg/Kg	☼	10/14/25 12:44	10/15/25 18:56	1
Toluene	0.00098	U	0.00098	0.00023	mg/Kg	☼	10/14/25 12:44	10/15/25 18:56	1
trans-1,2-Dichloroethene	0.00098	U	0.00098	0.00024	mg/Kg	☼	10/14/25 12:44	10/15/25 18:56	1
trans-1,3-Dichloropropene	0.00098	U	0.00098	0.00026	mg/Kg	☼	10/14/25 12:44	10/15/25 18:56	1
Trichloroethene	0.00098	U	0.00098	0.00032	mg/Kg	☼	10/14/25 12:44	10/15/25 18:56	1
Trichlorofluoromethane	0.00098	U	0.00098	0.00040	mg/Kg	☼	10/14/25 12:44	10/15/25 18:56	1
Vinyl chloride	0.00098	U	0.00098	0.00054	mg/Kg	☼	10/14/25 12:44	10/15/25 18:56	1
Xylenes, Total	0.0020	U	0.0020	0.00017	mg/Kg	☼	10/14/25 12:44	10/15/25 18:56	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,2-Dichloroethane-d4 (Surr)	*102*		*65 - 138*	*10/14/25 12:44*	*10/15/25 18:56*	*1*
4-Bromofluorobenzene	*99*		*71 - 128*	*10/14/25 12:44*	*10/15/25 18:56*	*1*

Client Sample ID: 52C_0-4
Date Collected: 10/10/25 12:35
Date Received: 10/10/25 17:30

Lab Sample ID: 460-337049-5
Matrix: Solid
Percent Solids: 96.3

Method: SW846 8260D - Volatile Organic Compounds by GC/MS (Continued)

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
Dibromofluoromethane (Surr)	*95*		*50 - 150*	*10/14/25 12:44*	*10/15/25 18:56*	*1*
Toluene-d8 (Surr)	*94*		*71 - 126*	*10/14/25 12:44*	*10/15/25 18:56*	*1*

Method: SW846 8270E - Semivolatile Organic Compounds (GC/MS)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1'-Biphenyl	0.34	U	0.34	0.012	mg/Kg	☼	10/13/25 10:32	10/13/25 23:23	1
1,2,4,5-Tetrachlorobenzene	0.34	U	0.34	0.011	mg/Kg	☼	10/13/25 10:32	10/13/25 23:23	1
1,4-Dioxane	0.034	U	0.034	0.030	mg/Kg	☼	10/13/25 10:32	10/13/25 23:23	1
2,2'-oxybis[1-chloropropane]	0.34	U	0.34	0.020	mg/Kg	☼	10/13/25 10:32	10/13/25 23:23	1
2,3,4,6-Tetrachlorophenol	0.34	U	0.34	0.023	mg/Kg	☼	10/13/25 10:32	10/13/25 23:23	1
2,4,5-Trichlorophenol	0.34	U	0.34	0.035	mg/Kg	☼	10/13/25 10:32	10/13/25 23:23	1
2,4,6-Trichlorophenol	0.14	U	0.14	0.044	mg/Kg	☼	10/13/25 10:32	10/13/25 23:23	1
2,4-Dichlorophenol	0.14	U	0.14	0.022	mg/Kg	☼	10/13/25 10:32	10/13/25 23:23	1
2,4-Dimethylphenol	0.34	U	0.34	0.041	mg/Kg	☼	10/13/25 10:32	10/13/25 23:23	1
2,4-Dinitrophenol	0.27	U *	0.27	0.17	mg/Kg	☼	10/13/25 10:32	10/13/25 23:23	1
2,4-Dinitrotoluene	0.069	U	0.069	0.037	mg/Kg	☼	10/13/25 10:32	10/13/25 23:23	1
2,6-Dinitrotoluene	0.069	U	0.069	0.025	mg/Kg	☼	10/13/25 10:32	10/13/25 23:23	1
2-Chloronaphthalene	0.34	U	0.34	0.044	mg/Kg	☼	10/13/25 10:32	10/13/25 23:23	1
2-Chlorophenol	0.34	U	0.34	0.012	mg/Kg	☼	10/13/25 10:32	10/13/25 23:23	1
2-Methylnaphthalene	0.34	U	0.34	0.0095	mg/Kg	☼	10/13/25 10:32	10/13/25 23:23	1
2-Methylphenol	0.34	U	0.34	0.013	mg/Kg	☼	10/13/25 10:32	10/13/25 23:23	1
2-Nitroaniline	0.34	U	0.34	0.026	mg/Kg	☼	10/13/25 10:32	10/13/25 23:23	1
2-Nitrophenol	0.34	U	0.34	0.034	mg/Kg	☼	10/13/25 10:32	10/13/25 23:23	1
3 & 4 Methylphenol	0.34	U	0.34	0.021	mg/Kg	☼	10/13/25 10:32	10/13/25 23:23	1
3,3'-Dichlorobenzidine	0.14	U	0.14	0.051	mg/Kg	☼	10/13/25 10:32	10/13/25 23:23	1
3-Nitroaniline	0.34	U	0.34	0.081	mg/Kg	☼	10/13/25 10:32	10/13/25 23:23	1
4,6-Dinitro-2-methylphenol	0.27	U *	0.27	0.14	mg/Kg	☼	10/13/25 10:32	10/13/25 23:23	1
4-Bromophenyl phenyl ether	0.34	U	0.34	0.013	mg/Kg	☼	10/13/25 10:32	10/13/25 23:23	1
4-Chloro-3-methylphenol	0.34	U	0.34	0.019	mg/Kg	☼	10/13/25 10:32	10/13/25 23:23	1
4-Chloroaniline	0.34	U	0.34	0.060	mg/Kg	☼	10/13/25 10:32	10/13/25 23:23	1
4-Chlorophenyl phenyl ether	0.34	U	0.34	0.012	mg/Kg	☼	10/13/25 10:32	10/13/25 23:23	1
4-Methylphenol	0.34	U	0.34	0.021	mg/Kg	☼	10/13/25 10:32	10/13/25 23:23	1
4-Nitroaniline	0.34	U	0.34	0.086	mg/Kg	☼	10/13/25 10:32	10/13/25 23:23	1
4-Nitrophenol	0.69	U	0.69	0.055	mg/Kg	☼	10/13/25 10:32	10/13/25 23:23	1
Acenaphthene	0.34	U	0.34	0.0097	mg/Kg	☼	10/13/25 10:32	10/13/25 23:23	1
Acenaphthylene	**0.011**	**J**	0.34	0.0097	mg/Kg	☼	10/13/25 10:32	10/13/25 23:23	1
Acetophenone	0.34	U	0.34	0.017	mg/Kg	☼	10/13/25 10:32	10/13/25 23:23	1
Anthracene	**0.020**	**J**	0.34	0.010	mg/Kg	☼	10/13/25 10:32	10/13/25 23:23	1
Atrazine	0.14	U	0.14	0.020	mg/Kg	☼	10/13/25 10:32	10/13/25 23:23	1
Benzaldehyde	0.34	U	0.34	0.056	mg/Kg	☼	10/13/25 10:32	10/13/25 23:23	1
Benzo[a]anthracene	**0.050**		0.034	0.026	mg/Kg	☼	10/13/25 10:32	10/13/25 23:23	1
Benzo[a]pyrene	**0.045**		0.034	0.0091	mg/Kg	☼	10/13/25 10:32	10/13/25 23:23	1
Benzo[b]fluoranthene	**0.067**		0.034	0.0088	mg/Kg	☼	10/13/25 10:32	10/13/25 23:23	1
Benzo[g,h,i]perylene	**0.040**	**J**	0.34	0.010	mg/Kg	☼	10/13/25 10:32	10/13/25 23:23	1
Benzo[k]fluoranthene	**0.022**	**J**	0.034	0.0067	mg/Kg	☼	10/13/25 10:32	10/13/25 23:23	1
Bis(2-chloroethoxy)methane	0.34	U	0.34	0.063	mg/Kg	☼	10/13/25 10:32	10/13/25 23:23	1
Bis(2-chloroethyl)ether	0.034	U	0.034	0.012	mg/Kg	☼	10/13/25 10:32	10/13/25 23:23	1
Bis(2-ethylhexyl) phthalate	0.34	U	0.34	0.018	mg/Kg	☼	10/13/25 10:32	10/13/25 23:23	1
Butyl benzyl phthalate	0.34	U	0.34	0.016	mg/Kg	☼	10/13/25 10:32	10/13/25 23:23	1

Client Sample ID: 52C_0-4
Date Collected: 10/10/25 12:35
Date Received: 10/10/25 17:30

Lab Sample ID: 460-337049-5
Matrix: Solid
Percent Solids: 96.3

Method: SW846 8270E - Semivolatile Organic Compounds (GC/MS) (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Caprolactam	0.34	U	0.34	0.053	mg/Kg	☼	10/13/25 10:32	10/13/25 23:23	1
Carbazole	0.34	U	0.34	0.013	mg/Kg	☼	10/13/25 10:32	10/13/25 23:23	1
Chrysene	**0.055**	**J**	0.34	0.014	mg/Kg	☼	10/13/25 10:32	10/13/25 23:23	1
Dibenz(a,h)anthracene	0.034	U	0.034	0.015	mg/Kg	☼	10/13/25 10:32	10/13/25 23:23	1
Dibenzofuran	0.34	U	0.34	0.011	mg/Kg	☼	10/13/25 10:32	10/13/25 23:23	1
Diethyl phthalate	0.34	U	0.34	0.011	mg/Kg	☼	10/13/25 10:32	10/13/25 23:23	1
Dimethyl phthalate	0.34	U	0.34	0.077	mg/Kg	☼	10/13/25 10:32	10/13/25 23:23	1
Di-n-butyl phthalate	**0.014**	**J**	0.34	0.013	mg/Kg	☼	10/13/25 10:32	10/13/25 23:23	1
Di-n-octyl phthalate	0.34	U	0.34	0.018	mg/Kg	☼	10/13/25 10:32	10/13/25 23:23	1
Fluoranthene	**0.11**	**J**	0.34	0.012	mg/Kg	☼	10/13/25 10:32	10/13/25 23:23	1
Fluorene	0.34	U	0.34	0.0099	mg/Kg	☼	10/13/25 10:32	10/13/25 23:23	1
Hexachlorobenzene	0.034	U	0.034	0.016	mg/Kg	☼	10/13/25 10:32	10/13/25 23:23	1
Hexachlorobutadiene	0.069	U	0.069	0.0072	mg/Kg	☼	10/13/25 10:32	10/13/25 23:23	1
Hexachlorocyclopentadiene	0.34	U	0.34	0.030	mg/Kg	☼	10/13/25 10:32	10/13/25 23:23	1
Hexachloroethane	0.034	U	0.034	0.012	mg/Kg	☼	10/13/25 10:32	10/13/25 23:23	1
Indeno[1,2,3-cd]pyrene	**0.034**		0.034	0.013	mg/Kg	☼	10/13/25 10:32	10/13/25 23:23	1
Isophorone	0.14	U	0.14	0.098	mg/Kg	☼	10/13/25 10:32	10/13/25 23:23	1
Naphthalene	**0.0066**	**J**	0.34	0.0059	mg/Kg	☼	10/13/25 10:32	10/13/25 23:23	1
Nitrobenzene	0.034	U	0.034	0.019	mg/Kg	☼	10/13/25 10:32	10/13/25 23:23	1
N-Nitrosodi-n-propylamine	0.034	U	0.034	0.025	mg/Kg	☼	10/13/25 10:32	10/13/25 23:23	1
N-Nitrosodiphenylamine	0.34	U	0.34	0.028	mg/Kg	☼	10/13/25 10:32	10/13/25 23:23	1
Pentachlorophenol	0.27	U	0.27	0.070	mg/Kg	☼	10/13/25 10:32	10/13/25 23:23	1
Phenanthrene	**0.047**	**J**	0.34	0.014	mg/Kg	☼	10/13/25 10:32	10/13/25 23:23	1
Phenol	0.34	U	0.34	0.012	mg/Kg	☼	10/13/25 10:32	10/13/25 23:23	1
Pyrene	**0.093**	**J**	0.34	0.0084	mg/Kg	☼	10/13/25 10:32	10/13/25 23:23	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
2,4,6-Tribromophenol (Surr)	*70*		*18 - 137*	*10/13/25 10:32*	*10/13/25 23:23*	*1*
2-Fluorobiphenyl	*65*		*33 - 117*	*10/13/25 10:32*	*10/13/25 23:23*	*1*
2-Fluorophenol (Surr)	*62*		*24 - 120*	*10/13/25 10:32*	*10/13/25 23:23*	*1*
Nitrobenzene-d5 (Surr)	*56*		*27 - 120*	*10/13/25 10:32*	*10/13/25 23:23*	*1*
Phenol-d5 (Surr)	*61*		*28 - 118*	*10/13/25 10:32*	*10/13/25 23:23*	*1*
Terphenyl-d14 (Surr)	*73*		*33 - 124*	*10/13/25 10:32*	*10/13/25 23:23*	*1*

Method: SW846 8081B - Organochlorine Pesticides (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
4,4'-DDD	0.0069	U	0.0069	0.0012	mg/Kg	☼	10/13/25 05:42	10/15/25 09:04	1
4,4'-DDE	0.0069	U	0.0069	0.00082	mg/Kg	☼	10/13/25 05:42	10/15/25 09:04	1
4,4'-DDT	0.0069	U	0.0069	0.0013	mg/Kg	☼	10/13/25 05:42	10/15/25 09:04	1
Aldrin	0.0069	U	0.0069	0.0010	mg/Kg	☼	10/13/25 05:42	10/15/25 09:04	1
alpha-BHC	0.0021	U	0.0021	0.00070	mg/Kg	☼	10/13/25 05:42	10/15/25 09:04	1
beta-BHC	0.0021	U	0.0021	0.00078	mg/Kg	☼	10/13/25 05:42	10/15/25 09:04	1
Chlordane (technical)	0.069	U	0.069	0.017	mg/Kg	☼	10/13/25 05:42	10/15/25 09:04	1
cis-Chlordane	0.0069	U	0.0069	0.0011	mg/Kg	☼	10/13/25 05:42	10/15/25 09:04	1
delta-BHC	0.0021	U	0.0021	0.00042	mg/Kg	☼	10/13/25 05:42	10/15/25 09:04	1
Dieldrin	0.0021	U	0.0021	0.00090	mg/Kg	☼	10/13/25 05:42	10/15/25 09:04	1
Endosulfan I	0.0069	U	0.0069	0.0011	mg/Kg	☼	10/13/25 05:42	10/15/25 09:04	1
Endosulfan II	0.0069	U	0.0069	0.0018	mg/Kg	☼	10/13/25 05:42	10/15/25 09:04	1
Endosulfan sulfate	0.0069	U	0.0069	0.00087	mg/Kg	☼	10/13/25 05:42	10/15/25 09:04	1
Endrin	0.0069	U	0.0069	0.0010	mg/Kg	☼	10/13/25 05:42	10/15/25 09:04	1

Client Sample ID: 52C_0-4
Date Collected: 10/10/25 12:35
Date Received: 10/10/25 17:30

Lab Sample ID: 460-337049-5
Matrix: Solid
Percent Solids: 96.3

Method: SW846 8081B - Organochlorine Pesticides (GC) (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Endrin aldehyde	0.0069	U	0.0069	0.0016	mg/Kg	☼	10/13/25 05:42	10/15/25 09:04	1
Endrin ketone	0.0069	U	0.0069	0.0013	mg/Kg	☼	10/13/25 05:42	10/15/25 09:04	1
gamma-BHC (Lindane)	0.0021	U	0.0021	0.00064	mg/Kg	☼	10/13/25 05:42	10/15/25 09:04	1
Heptachlor	0.0069	U	0.0069	0.00082	mg/Kg	☼	10/13/25 05:42	10/15/25 09:04	1
Heptachlor epoxide	0.0069	U	0.0069	0.0010	mg/Kg	☼	10/13/25 05:42	10/15/25 09:04	1
Methoxychlor	0.0069	U	0.0069	0.0016	mg/Kg	☼	10/13/25 05:42	10/15/25 09:04	1
Toxaphene	0.069	U	0.069	0.025	mg/Kg	☼	10/13/25 05:42	10/15/25 09:04	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
DCB Decachlorobiphenyl	*71*		*10 - 150*	*10/13/25 05:42*	*10/15/25 09:04*	*1*
DCB Decachlorobiphenyl	*71*		*10 - 150*	*10/13/25 05:42*	*10/15/25 09:04*	*1*
Tetrachloro-m-xylene	*98*		*14 - 150*	*10/13/25 05:42*	*10/15/25 09:04*	*1*
Tetrachloro-m-xylene	*91*		*14 - 150*	*10/13/25 05:42*	*10/15/25 09:04*	*1*

Method: SW846 8082A - Polychlorinated Biphenyls (PCBs) by Gas Chromatography

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Aroclor 1016	0.069	U	0.069	0.018	mg/Kg	☼	10/13/25 06:37	10/14/25 22:37	1
Aroclor 1221	0.069	U	0.069	0.018	mg/Kg	☼	10/13/25 06:37	10/14/25 22:37	1
Aroclor 1232	0.069	U	0.069	0.018	mg/Kg	☼	10/13/25 06:37	10/14/25 22:37	1
Aroclor 1242	0.069	U	0.069	0.018	mg/Kg	☼	10/13/25 06:37	10/14/25 22:37	1
Aroclor 1248	0.069	U	0.069	0.018	mg/Kg	☼	10/13/25 06:37	10/14/25 22:37	1
Aroclor 1254	0.069	U	0.069	0.018	mg/Kg	☼	10/13/25 06:37	10/14/25 22:37	1
Aroclor 1260	0.069	U	0.069	0.018	mg/Kg	☼	10/13/25 06:37	10/14/25 22:37	1
Aroclor-1262	0.069	U	0.069	0.018	mg/Kg	☼	10/13/25 06:37	10/14/25 22:37	1
Aroclor 1268	0.069	U	0.069	0.018	mg/Kg	☼	10/13/25 06:37	10/14/25 22:37	1
Polychlorinated biphenyls, Total	0.069	U	0.069	0.018	mg/Kg	☼	10/13/25 06:37	10/14/25 22:37	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
DCB Decachlorobiphenyl	*90*		*10 - 150*	*10/13/25 06:37*	*10/14/25 22:37*	*1*
DCB Decachlorobiphenyl	*92*		*10 - 150*	*10/13/25 06:37*	*10/14/25 22:37*	*1*
Tetrachloro-m-xylene	*115*		*10 - 150*	*10/13/25 06:37*	*10/14/25 22:37*	*1*
Tetrachloro-m-xylene	*111*		*10 - 150*	*10/13/25 06:37*	*10/14/25 22:37*	*1*

Method: EPA 1633A - Per- and Polyfluoroalkyl Substances by LC/MS/MS, 1633A

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Perfluorobutanoic acid (PFBA)	0.40	U	0.40	0.099	ug/Kg	☼	10/15/25 14:09	10/17/25 00:32	1
Perfluoropentanoic acid (PFPeA)	0.20	U	0.20	0.099	ug/Kg	☼	10/15/25 14:09	10/17/25 00:32	1
Perfluorohexanoic acid (PFHxA)	0.20	U	0.20	0.099	ug/Kg	☼	10/15/25 14:09	10/17/25 00:32	1
Perfluoroheptanoic acid (PFHpA)	0.20	U	0.20	0.099	ug/Kg	☼	10/15/25 14:09	10/17/25 00:32	1
Perfluorooctanoic acid (PFOA)	**0.11**	**J**	0.20	0.059	ug/Kg	☼	10/15/25 14:09	10/17/25 00:32	1
Perfluorononanoic acid (PFNA)	**0.26**		0.20	0.099	ug/Kg	☼	10/15/25 14:09	10/17/25 00:32	1
Perfluorodecanoic acid (PFDA)	**0.13**	**J**	0.20	0.059	ug/Kg	☼	10/15/25 14:09	10/17/25 00:32	1
Perfluoroundecanoic acid (PFUnA)	**0.56**		0.20	0.099	ug/Kg	☼	10/15/25 14:09	10/17/25 00:32	1
Perfluorododecanoic acid (PFDoA)	0.12	U	0.12	0.12	ug/Kg	☼	10/15/25 14:09	10/17/25 00:32	1
Perfluorotridecanoic acid (PFTrDA)	0.20	U	0.20	0.099	ug/Kg	☼	10/15/25 14:09	10/17/25 00:32	1
Perfluorotetradecanoic acid (PFTeDA)	0.20	U	0.20	0.099	ug/Kg	☼	10/15/25 14:09	10/17/25 00:32	1
Perfluorobutanesulfonic acid (PFBS)	0.20	U	0.20	0.099	ug/Kg	☼	10/15/25 14:09	10/17/25 00:32	1
Perfluoropentanesulfonic acid (PFPeS)	0.20	U	0.20	0.099	ug/Kg	☼	10/15/25 14:09	10/17/25 00:32	1
Perfluorohexanesulfonic acid (PFHxS)	0.20	U	0.20	0.099	ug/Kg	☼	10/15/25 14:09	10/17/25 00:32	1

Client: Haley & Aldrich, Inc.
Project/Site: Former Port Mobil

Job ID: 460-337049-1

Client Sample ID: 52C_0-4
Date Collected: 10/10/25 12:35
Date Received: 10/10/25 17:30

Lab Sample ID: 460-337049-5
Matrix: Solid
Percent Solids: 96.3

Method: EPA 1633A - Per- and Polyfluoroalkyl Substances by LC/MS/MS, 1633A (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Perfluoroheptanesulfonic acid (PFHpS)	0.20	U	0.20	0.099	ug/Kg	☼	10/15/25 14:09	10/17/25 00:32	1
Perfluorooctanesulfonic acid (PFOS)	0.20	U	0.20	0.099	ug/Kg	☼	10/15/25 14:09	10/17/25 00:32	1
Perfluorononanesulfonic acid (PFNS)	0.20	U	0.20	0.099	ug/Kg	☼	10/15/25 14:09	10/17/25 00:32	1
Perfluorodecanesulfonic acid (PFDS)	0.20	U	0.20	0.099	ug/Kg	☼	10/15/25 14:09	10/17/25 00:32	1
Perfluorododecanesulfonic acid (PFDoS)	0.20	U	0.20	0.099	ug/Kg	☼	10/15/25 14:09	10/17/25 00:32	1
1H,1H,2H,2H-Perfluorohexane sulfonic acid (4:2 FTS)	0.40	U	0.40	0.20	ug/Kg	☼	10/15/25 14:09	10/17/25 00:32	1
1H,1H,2H,2H-Perfluorooctane sulfonic acid (6:2 FTS)	0.40	U	0.40	0.20	ug/Kg	☼	10/15/25 14:09	10/17/25 00:32	1
1H,1H,2H,2H-Perfluorodecane sulfonic acid (8:2 FTS)	0.40	U	0.40	0.20	ug/Kg	☼	10/15/25 14:09	10/17/25 00:32	1
Perfluorooctanesulfonamide (PFOSA)	0.20	U	0.20	0.099	ug/Kg	☼	10/15/25 14:09	10/17/25 00:32	1
N-methylperfluorooctane sulfonamide (NMeFOSA)	0.20	U	0.20	0.099	ug/Kg	☼	10/15/25 14:09	10/17/25 00:32	1
N-ethylperfluorooctane sulfonamide (NEtFOSA)	0.20	U	0.20	0.099	ug/Kg	☼	10/15/25 14:09	10/17/25 00:32	1
N-methylperfluorooctanesulfonamidoacetic acid (NMeFOSAA)	0.20	U	0.20	0.099	ug/Kg	☼	10/15/25 14:09	10/17/25 00:32	1
N-ethylperfluorooctanesulfonamidoacetic acid (NEtFOSAA)	0.20	U	0.20	0.099	ug/Kg	☼	10/15/25 14:09	10/17/25 00:32	1
N-methylperfluorooctane sulfonamidoethanol (NMeFOSE)	0.99	U	0.99	0.49	ug/Kg	☼	10/15/25 14:09	10/17/25 00:32	1
N-ethylperfluorooctane sulfonamidoethanol (NEtFOSE)	0.99	U	0.99	0.49	ug/Kg	☼	10/15/25 14:09	10/17/25 00:32	1
Hexafluoropropylene Oxide Dimer Acid (HFPO-DA)	0.20	U	0.20	0.099	ug/Kg	☼	10/15/25 14:09	10/17/25 00:32	1
4,8-Dioxa-3H-perfluorononanoic acid (ADONA)	0.20	U	0.20	0.099	ug/Kg	☼	10/15/25 14:09	10/17/25 00:32	1
Perfluoro-3-methoxypropanoic acid (PFMPA)	0.20	U	0.20	0.099	ug/Kg	☼	10/15/25 14:09	10/17/25 00:32	1
Perfluoro-4-methoxybutanoic acid (PFMBA)	0.20	U	0.20	0.099	ug/Kg	☼	10/15/25 14:09	10/17/25 00:32	1
Nonafluoro-3,6-dioxaheptanoic acid (NFDHA)	0.20	U	0.20	0.099	ug/Kg	☼	10/15/25 14:09	10/17/25 00:32	1
9-Chlorohexadecafluoro-3-oxanonane-1-sulfonic acid (9Cl-PF3ONS)	0.20	U	0.20	0.099	ug/Kg	☼	10/15/25 14:09	10/17/25 00:32	1
11-Chloroeicosafluoro-3-oxaundecane-1-sulfonic acid (11Cl-PF3OUdS)	0.20	U	0.20	0.099	ug/Kg	☼	10/15/25 14:09	10/17/25 00:32	1
Perfluoro (2-ethoxyethane) sulfonic acid (PFEESA)	0.20	U	0.20	0.099	ug/Kg	☼	10/15/25 14:09	10/17/25 00:32	1
3-Perfluoropropylpropanoic acid (3:3 FTCA)	0.40	U	0.40	0.20	ug/Kg	☼	10/15/25 14:09	10/17/25 00:32	1
3-Perfluoropentylpropanoic acid (5:3 FTCA)	0.99	U	0.99	0.49	ug/Kg	☼	10/15/25 14:09	10/17/25 00:32	1
3-Perfluoroheptylpropanoic acid (7:3 FTCA)	0.99	U	0.99	0.49	ug/Kg	☼	10/15/25 14:09	10/17/25 00:32	1

Isotope Dilution	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
13C4 PFBA	*95.6*		*8 - 130*	*10/15/25 14:09*	*10/17/25 00:32*	*1*
13C5 PFPeA	*95.9*		*35 - 130*	*10/15/25 14:09*	*10/17/25 00:32*	*1*
13C5 PFHxA	*102*		*40 - 130*	*10/15/25 14:09*	*10/17/25 00:32*	*1*
13C4 PFHpA	*97.5*		*40 - 130*	*10/15/25 14:09*	*10/17/25 00:32*	*1*
13C8 PFOA	*101*		*40 - 130*	*10/15/25 14:09*	*10/17/25 00:32*	*1*
13C9 PFNA	*92.7*		*40 - 130*	*10/15/25 14:09*	*10/17/25 00:32*	*1*

Client Sample ID: 52C_0-4

Date Collected: 10/10/25 12:35
Date Received: 10/10/25 17:30

Lab Sample ID: 460-337049-5

Matrix: Solid
Percent Solids: 96.3

Method: EPA 1633A - Per- and Polyfluoroalkyl Substances by LC/MS/MS, 1633A (Continued)

Isotope Dilution	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
13C6 PFDA	85.2		40 - 130	10/15/25 14:09	10/17/25 00:32	1
13C7 PFUnA	81.2		40 - 130	10/15/25 14:09	10/17/25 00:32	1
13C2 PFTeDA	67.2		20 - 130	10/15/25 14:09	10/17/25 00:32	1
13C3 PFBS	78.7		40 - 135	10/15/25 14:09	10/17/25 00:32	1
13C3 PFHxS	83.1		40 - 130	10/15/25 14:09	10/17/25 00:32	1
13C8 PFOS	79.7		40 - 130	10/15/25 14:09	10/17/25 00:32	1
13C8 FOSA	83.0		40 - 130	10/15/25 14:09	10/17/25 00:32	1
d3-NMeFOSAA	90.0		40 - 135	10/15/25 14:09	10/17/25 00:32	1
d5-NEtFOSAA	81.1		40 - 150	10/15/25 14:09	10/17/25 00:32	1
13C2 4:2 FTS	131		40 - 165	10/15/25 14:09	10/17/25 00:32	1
13C2 6:2 FTS	129		40 - 215	10/15/25 14:09	10/17/25 00:32	1
13C2 8:2 FTS	175		40 - 275	10/15/25 14:09	10/17/25 00:32	1
13C3 HFPO-DA	99.0		40 - 130	10/15/25 14:09	10/17/25 00:32	1
d7-N-MeFOSE-M	52.0		20 - 130	10/15/25 14:09	10/17/25 00:32	1
d9-N-EtFOSE-M	35.7		15 - 130	10/15/25 14:09	10/17/25 00:32	1
d5-NEtPFOSA	68.9		10 - 130	10/15/25 14:09	10/17/25 00:32	1
d3-NMePFOSA	71.4		10 - 130	10/15/25 14:09	10/17/25 00:32	1
13C2 PFDoA	75.8		40 - 130	10/15/25 14:09	10/17/25 00:32	1

Method: SW846 6020B - Metals (ICP/MS)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Aluminum	7510		15.4	4.2	mg/Kg	☼	10/17/25 20:20	10/18/25 18:23	1
Antimony	3.8		0.77	0.11	mg/Kg	☼	10/17/25 20:20	10/18/25 18:23	1
Arsenic	7.9		0.77	0.079	mg/Kg	☼	10/17/25 20:20	10/18/25 18:23	1
Barium	68.2		1.5	0.11	mg/Kg	☼	10/17/25 20:20	10/18/25 18:23	1
Beryllium	1.5		0.31	0.017	mg/Kg	☼	10/17/25 20:20	10/18/25 18:23	1
Cadmium	0.62	J	0.77	0.087	mg/Kg	☼	10/17/25 20:20	10/18/25 18:23	1
Calcium	4190		76.9	7.5	mg/Kg	☼	10/17/25 20:20	10/18/25 18:23	1
Chromium	32.8		1.5	0.23	mg/Kg	☼	10/17/25 20:20	10/18/25 18:23	1
Cobalt	9.4		0.77	0.11	mg/Kg	☼	10/17/25 20:20	10/18/25 18:23	1
Copper	129		1.5	0.28	mg/Kg	☼	10/17/25 20:20	10/18/25 18:23	1
Iron	21000		46.1	5.9	mg/Kg	☼	10/17/25 20:20	10/18/25 18:23	1
Lead	265		0.46	0.15	mg/Kg	☼	10/17/25 20:20	10/18/25 18:23	1
Magnesium	3500		76.9	7.8	mg/Kg	☼	10/17/25 20:20	10/18/25 18:23	1
Manganese	214		3.1	0.31	mg/Kg	☼	10/17/25 20:20	10/18/25 18:23	1
Nickel	52.4		1.5	0.14	mg/Kg	☼	10/17/25 20:20	10/18/25 18:23	1
Potassium	1160		76.9	12.5	mg/Kg	☼	10/17/25 20:20	10/18/25 18:23	1
Selenium	0.43	J	0.96	0.098	mg/Kg	☼	10/17/25 20:20	10/18/25 18:23	1
Silver	0.46		0.31	0.068	mg/Kg	☼	10/17/25 20:20	10/18/25 18:23	1
Sodium	119		76.9	35.1	mg/Kg	☼	10/17/25 20:20	10/18/25 18:23	1
Thallium	0.11	J	0.31	0.032	mg/Kg	☼	10/17/25 20:20	10/18/25 18:23	1
Vanadium	30.1		1.5	0.16	mg/Kg	☼	10/17/25 20:20	10/18/25 18:23	1
Zinc	461		6.2	0.84	mg/Kg	☼	10/17/25 20:20	10/18/25 18:23	1

Method: SW846 7471B - Mercury (CVAA)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	0.032		0.017	0.0080	mg/Kg	☼	10/22/25 01:14	10/22/25 07:08	1

Client Sample ID: 52C_0-4

Lab Sample ID: 460-337049-5

Date Collected: 10/10/25 12:35
Matrix: Solid
Date Received: 10/10/25 17:30
Percent Solids: 96.3

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Percent Moisture (EPA Moisture)	3.7		1.0	1.0	%			10/13/25 17:10	1
Percent Solids (EPA Moisture)	96.3		1.0	1.0	%			10/13/25 17:10	1

Client Sample ID: 52C_4-8

Lab Sample ID: 460-337049-6

Date Collected: 10/10/25 12:40
Matrix: Solid
Date Received: 10/10/25 17:30
Percent Solids: 94.1

Method: SW846 8260D - Volatile Organic Compounds by GC/MS

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1-Trichloroethane	0.0010	U	0.0010	0.00024	mg/Kg	☼	10/14/25 12:46	10/15/25 19:20	1
1,1,2,2-Tetrachloroethane	0.0010	U	0.0010	0.00053	mg/Kg	☼	10/14/25 12:46	10/15/25 19:20	1
1,1,2-Trichloro-1,2,2-trifluoroethane	0.0010	U	0.0010	0.00030	mg/Kg	☼	10/14/25 12:46	10/15/25 19:20	1
1,1,2-Trichloroethane	0.0010	U	0.0010	0.00061	mg/Kg	☼	10/14/25 12:46	10/15/25 19:20	1
1,1-Dichloroethane	0.0010	U	0.0010	0.00060	mg/Kg	☼	10/14/25 12:46	10/15/25 19:20	1
1,1-Dichloroethene	0.0010	U	0.0010	0.00023	mg/Kg	☼	10/14/25 12:46	10/15/25 19:20	1
1,2,3-Trichlorobenzene	0.0010	U	0.0010	0.00075	mg/Kg	☼	10/14/25 12:46	10/15/25 19:20	1
1,2,4-Trichlorobenzene	0.0010	U	0.0010	0.00036	mg/Kg	☼	10/14/25 12:46	10/15/25 19:20	1
1,2,4-Trimethylbenzene	0.0010	U	0.0010	0.00025	mg/Kg	☼	10/14/25 12:46	10/15/25 19:20	1
1,2-Dibromo-3-Chloropropane	0.0010	U	0.0010	0.00047	mg/Kg	☼	10/14/25 12:46	10/15/25 19:20	1
1,2-Dichlorobenzene	0.0010	U	0.0010	0.00037	mg/Kg	☼	10/14/25 12:46	10/15/25 19:20	1
1,2-Dichloroethane	0.0010	U	0.0010	0.00030	mg/Kg	☼	10/14/25 12:46	10/15/25 19:20	1
1,2-Dichloropropane	0.0010	U	0.0010	0.00043	mg/Kg	☼	10/14/25 12:46	10/15/25 19:20	1
1,3,5-Trimethylbenzene	0.0010	U	0.0010	0.00032	mg/Kg	☼	10/14/25 12:46	10/15/25 19:20	1
1,3-Dichlorobenzene	0.0010	U	0.0010	0.00037	mg/Kg	☼	10/14/25 12:46	10/15/25 19:20	1
1,4-Dichlorobenzene	0.0010	U	0.0010	0.00053	mg/Kg	☼	10/14/25 12:46	10/15/25 19:20	1
2-Butanone (MEK)	0.0051	U	0.0051	0.00037	mg/Kg	☼	10/14/25 12:46	10/15/25 19:20	1
2-Hexanone	0.0051	U	0.0051	0.0017	mg/Kg	☼	10/14/25 12:46	10/15/25 19:20	1
4-Methyl-2-pentanone (MIBK)	0.0051	U	0.0051	0.0016	mg/Kg	☼	10/14/25 12:46	10/15/25 19:20	1
Acetone	0.0061	U	0.0061	0.0058	mg/Kg	☼	10/14/25 12:46	10/15/25 19:20	1
Benzene	0.0010	U	0.0010	0.00057	mg/Kg	☼	10/14/25 12:46	10/15/25 19:20	1
Bromoform	0.0010	U	0.0010	0.00043	mg/Kg	☼	10/14/25 12:46	10/15/25 19:20	1
Bromomethane	0.0020	U	0.0020	0.0010	mg/Kg	☼	10/14/25 12:46	10/15/25 19:20	1
Carbon disulfide	0.0010	U	0.0010	0.00027	mg/Kg	☼	10/14/25 12:46	10/15/25 19:20	1
Carbon tetrachloride	0.0010	U	0.0010	0.00039	mg/Kg	☼	10/14/25 12:46	10/15/25 19:20	1
Chlorobenzene	0.0010	U	0.0010	0.00051	mg/Kg	☼	10/14/25 12:46	10/15/25 19:20	1
Chlorobromomethane	0.0010	U	0.0010	0.00060	mg/Kg	☼	10/14/25 12:46	10/15/25 19:20	1
Chlorodibromomethane	0.0010	U	0.0010	0.00054	mg/Kg	☼	10/14/25 12:46	10/15/25 19:20	1
Chloroethane	0.0010	U	0.0010	0.00053	mg/Kg	☼	10/14/25 12:46	10/15/25 19:20	1
Chloroform	0.0010	U	0.0010	0.00098	mg/Kg	☼	10/14/25 12:46	10/15/25 19:20	1
Chloromethane	0.0010	U	0.0010	0.00044	mg/Kg	☼	10/14/25 12:46	10/15/25 19:20	1
cis-1,2-Dichloroethene	0.0010	U	0.0010	0.00036	mg/Kg	☼	10/14/25 12:46	10/15/25 19:20	1
cis-1,3-Dichloropropene	0.0010	U	0.0010	0.00028	mg/Kg	☼	10/14/25 12:46	10/15/25 19:20	1
Cyclohexane	0.0010	U	0.0010	0.00022	mg/Kg	☼	10/14/25 12:46	10/15/25 19:20	1
Dichlorobromomethane	0.0010	U	0.0010	0.00026	mg/Kg	☼	10/14/25 12:46	10/15/25 19:20	1
Dichlorodifluoromethane	0.0010	U	0.0010	0.00034	mg/Kg	☼	10/14/25 12:46	10/15/25 19:20	1
Ethylbenzene	0.0010	U	0.0010	0.00047	mg/Kg	☼	10/14/25 12:46	10/15/25 19:20	1
Ethylene Dibromide	0.0010	U	0.0010	0.00051	mg/Kg	☼	10/14/25 12:46	10/15/25 19:20	1
Isopropylbenzene	0.0010	U	0.0010	0.00029	mg/Kg	☼	10/14/25 12:46	10/15/25 19:20	1
Methyl acetate	0.0051	U	0.0051	0.0044	mg/Kg	☼	10/14/25 12:46	10/15/25 19:20	1
Methyl tert-butyl ether	0.0010	U	0.0010	0.00052	mg/Kg	☼	10/14/25 12:46	10/15/25 19:20	1

Client Sample ID: 52C_4-8

Date Collected: 10/10/25 12:40
Date Received: 10/10/25 17:30

Lab Sample ID: 460-337049-6

Matrix: Solid
Percent Solids: 94.1

Method: SW846 8260D - Volatile Organic Compounds by GC/MS (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Methylcyclohexane	0.0010	U	0.0010	0.00051	mg/Kg	☼	10/14/25 12:46	10/15/25 19:20	1
Methylene Chloride	**0.0014**	**J**	0.0020	0.0012	mg/Kg	☼	10/14/25 12:46	10/15/25 19:20	1
m-Xylene & p-Xylene	0.0010	U	0.0010	0.00043	mg/Kg	☼	10/14/25 12:46	10/15/25 19:20	1
n-Butylbenzene	0.0010	U	0.0010	0.00030	mg/Kg	☼	10/14/25 12:46	10/15/25 19:20	1
N-Propylbenzene	0.0010	U	0.0010	0.00045	mg/Kg	☼	10/14/25 12:46	10/15/25 19:20	1
o-Xylene	0.0010	U	0.0010	0.00047	mg/Kg	☼	10/14/25 12:46	10/15/25 19:20	1
sec-Butylbenzene	0.0010	U	0.0010	0.00029	mg/Kg	☼	10/14/25 12:46	10/15/25 19:20	1
Styrene	0.0010	U	0.0010	0.00028	mg/Kg	☼	10/14/25 12:46	10/15/25 19:20	1
tert-Butylbenzene	0.0010	U	0.0010	0.00028	mg/Kg	☼	10/14/25 12:46	10/15/25 19:20	1
Tetrachloroethene	0.0010	U	0.0010	0.00031	mg/Kg	☼	10/14/25 12:46	10/15/25 19:20	1
Toluene	0.0010	U	0.0010	0.00024	mg/Kg	☼	10/14/25 12:46	10/15/25 19:20	1
trans-1,2-Dichloroethene	0.0010	U	0.0010	0.00025	mg/Kg	☼	10/14/25 12:46	10/15/25 19:20	1
trans-1,3-Dichloropropene	0.0010	U	0.0010	0.00027	mg/Kg	☼	10/14/25 12:46	10/15/25 19:20	1
Trichloroethene	0.0010	U	0.0010	0.00032	mg/Kg	☼	10/14/25 12:46	10/15/25 19:20	1
Trichlorofluoromethane	0.0010	U	0.0010	0.00041	mg/Kg	☼	10/14/25 12:46	10/15/25 19:20	1
Vinyl chloride	0.0010	U	0.0010	0.00055	mg/Kg	☼	10/14/25 12:46	10/15/25 19:20	1
Xylenes, Total	0.0020	U	0.0020	0.00018	mg/Kg	☼	10/14/25 12:46	10/15/25 19:20	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,2-Dichloroethane-d4 (Surr)	*108*		*65 - 138*	*10/14/25 12:46*	*10/15/25 19:20*	*1*
4-Bromofluorobenzene	*103*		*71 - 128*	*10/14/25 12:46*	*10/15/25 19:20*	*1*
Dibromofluoromethane (Surr)	*103*		*50 - 150*	*10/14/25 12:46*	*10/15/25 19:20*	*1*
Toluene-d8 (Surr)	*95*		*71 - 126*	*10/14/25 12:46*	*10/15/25 19:20*	*1*

Method: SW846 8270E - Semivolatile Organic Compounds (GC/MS)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1'-Biphenyl	0.35	U	0.35	0.012	mg/Kg	☼	10/13/25 10:32	10/13/25 23:46	1
1,2,4,5-Tetrachlorobenzene	0.35	U	0.35	0.011	mg/Kg	☼	10/13/25 10:32	10/13/25 23:46	1
1,4-Dioxane	0.035	U	0.035	0.031	mg/Kg	☼	10/13/25 10:32	10/13/25 23:46	1
2,2'-oxybis[1-chloropropane]	0.35	U	0.35	0.021	mg/Kg	☼	10/13/25 10:32	10/13/25 23:46	1
2,3,4,6-Tetrachlorophenol	0.35	U	0.35	0.024	mg/Kg	☼	10/13/25 10:32	10/13/25 23:46	1
2,4,5-Trichlorophenol	0.35	U	0.35	0.036	mg/Kg	☼	10/13/25 10:32	10/13/25 23:46	1
2,4,6-Trichlorophenol	0.14	U	0.14	0.045	mg/Kg	☼	10/13/25 10:32	10/13/25 23:46	1
2,4-Dichlorophenol	0.14	U	0.14	0.022	mg/Kg	☼	10/13/25 10:32	10/13/25 23:46	1
2,4-Dimethylphenol	0.35	U	0.35	0.042	mg/Kg	☼	10/13/25 10:32	10/13/25 23:46	1
2,4-Dinitrophenol	0.28	U *	0.28	0.17	mg/Kg	☼	10/13/25 10:32	10/13/25 23:46	1
2,4-Dinitrotoluene	0.071	U	0.071	0.038	mg/Kg	☼	10/13/25 10:32	10/13/25 23:46	1
2,6-Dinitrotoluene	0.071	U	0.071	0.025	mg/Kg	☼	10/13/25 10:32	10/13/25 23:46	1
2-Chloronaphthalene	0.35	U	0.35	0.045	mg/Kg	☼	10/13/25 10:32	10/13/25 23:46	1
2-Chlorophenol	0.35	U	0.35	0.012	mg/Kg	☼	10/13/25 10:32	10/13/25 23:46	1
2-Methylnaphthalene	**0.014**	**J**	0.35	0.0098	mg/Kg	☼	10/13/25 10:32	10/13/25 23:46	1
2-Methylphenol	0.35	U	0.35	0.013	mg/Kg	☼	10/13/25 10:32	10/13/25 23:46	1
2-Nitroaniline	0.35	U	0.35	0.027	mg/Kg	☼	10/13/25 10:32	10/13/25 23:46	1
2-Nitrophenol	0.35	U	0.35	0.035	mg/Kg	☼	10/13/25 10:32	10/13/25 23:46	1
3 & 4 Methylphenol	0.35	U	0.35	0.022	mg/Kg	☼	10/13/25 10:32	10/13/25 23:46	1
3,3'-Dichlorobenzidine	0.14	U	0.14	0.053	mg/Kg	☼	10/13/25 10:32	10/13/25 23:46	1
3-Nitroaniline	0.35	U	0.35	0.083	mg/Kg	☼	10/13/25 10:32	10/13/25 23:46	1
4,6-Dinitro-2-methylphenol	0.28	U *	0.28	0.14	mg/Kg	☼	10/13/25 10:32	10/13/25 23:46	1
4-Bromophenyl phenyl ether	0.35	U	0.35	0.014	mg/Kg	☼	10/13/25 10:32	10/13/25 23:46	1
4-Chloro-3-methylphenol	0.35	U	0.35	0.020	mg/Kg	☼	10/13/25 10:32	10/13/25 23:46	1

Client Sample ID: 52C_4-8
Date Collected: 10/10/25 12:40
Date Received: 10/10/25 17:30

Lab Sample ID: 460-337049-6
Matrix: Solid
Percent Solids: 94.1

Method: SW846 8270E - Semivolatile Organic Compounds (GC/MS) (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
4-Chloroaniline	0.35	U	0.35	0.062	mg/Kg	☼	10/13/25 10:32	10/13/25 23:46	1
4-Chlorophenyl phenyl ether	0.35	U	0.35	0.012	mg/Kg	☼	10/13/25 10:32	10/13/25 23:46	1
4-Methylphenol	0.35	U	0.35	0.022	mg/Kg	☼	10/13/25 10:32	10/13/25 23:46	1
4-Nitroaniline	0.35	U	0.35	0.089	mg/Kg	☼	10/13/25 10:32	10/13/25 23:46	1
4-Nitrophenol	0.71	U	0.71	0.057	mg/Kg	☼	10/13/25 10:32	10/13/25 23:46	1
Acenaphthene	0.35	U	0.35	0.010	mg/Kg	☼	10/13/25 10:32	10/13/25 23:46	1
Acenaphthylene	0.35	U	0.35	0.010	mg/Kg	☼	10/13/25 10:32	10/13/25 23:46	1
Acetophenone	**0.028**	**J**	0.35	0.017	mg/Kg	☼	10/13/25 10:32	10/13/25 23:46	1
Anthracene	**0.013**	**J**	0.35	0.011	mg/Kg	☼	10/13/25 10:32	10/13/25 23:46	1
Atrazine	0.14	U	0.14	0.021	mg/Kg	☼	10/13/25 10:32	10/13/25 23:46	1
Benzaldehyde	0.35	U	0.35	0.058	mg/Kg	☼	10/13/25 10:32	10/13/25 23:46	1
Benzo[a]anthracene	**0.033**	**J**	0.035	0.026	mg/Kg	☼	10/13/25 10:32	10/13/25 23:46	1
Benzo[a]pyrene	**0.027**	**J**	0.035	0.0093	mg/Kg	☼	10/13/25 10:32	10/13/25 23:46	1
Benzo[b]fluoranthene	**0.039**		0.035	0.0090	mg/Kg	☼	10/13/25 10:32	10/13/25 23:46	1
Benzo[g,h,i]perylene	**0.026**	**J**	0.35	0.010	mg/Kg	☼	10/13/25 10:32	10/13/25 23:46	1
Benzo[k]fluoranthene	**0.016**	**J**	0.035	0.0069	mg/Kg	☼	10/13/25 10:32	10/13/25 23:46	1
Bis(2-chloroethoxy)methane	0.35	U	0.35	0.065	mg/Kg	☼	10/13/25 10:32	10/13/25 23:46	1
Bis(2-chloroethyl)ether	0.035	U	0.035	0.012	mg/Kg	☼	10/13/25 10:32	10/13/25 23:46	1
Bis(2-ethylhexyl) phthalate	0.35	U	0.35	0.018	mg/Kg	☼	10/13/25 10:32	10/13/25 23:46	1
Butyl benzyl phthalate	0.35	U	0.35	0.016	mg/Kg	☼	10/13/25 10:32	10/13/25 23:46	1
Caprolactam	0.35	U	0.35	0.054	mg/Kg	☼	10/13/25 10:32	10/13/25 23:46	1
Carbazole	0.35	U	0.35	0.013	mg/Kg	☼	10/13/25 10:32	10/13/25 23:46	1
Chrysene	**0.028**	**J**	0.35	0.015	mg/Kg	☼	10/13/25 10:32	10/13/25 23:46	1
Dibenz(a,h)anthracene	0.035	U	0.035	0.015	mg/Kg	☼	10/13/25 10:32	10/13/25 23:46	1
Dibenzofuran	0.35	U	0.35	0.012	mg/Kg	☼	10/13/25 10:32	10/13/25 23:46	1
Diethyl phthalate	0.35	U	0.35	0.011	mg/Kg	☼	10/13/25 10:32	10/13/25 23:46	1
Dimethyl phthalate	0.35	U	0.35	0.079	mg/Kg	☼	10/13/25 10:32	10/13/25 23:46	1
Di-n-butyl phthalate	0.35	U	0.35	0.013	mg/Kg	☼	10/13/25 10:32	10/13/25 23:46	1
Di-n-octyl phthalate	0.35	U	0.35	0.019	mg/Kg	☼	10/13/25 10:32	10/13/25 23:46	1
Fluoranthene	**0.049**	**J**	0.35	0.012	mg/Kg	☼	10/13/25 10:32	10/13/25 23:46	1
Fluorene	0.35	U	0.35	0.010	mg/Kg	☼	10/13/25 10:32	10/13/25 23:46	1
Hexachlorobenzene	0.035	U	0.035	0.017	mg/Kg	☼	10/13/25 10:32	10/13/25 23:46	1
Hexachlorobutadiene	0.071	U	0.071	0.0074	mg/Kg	☼	10/13/25 10:32	10/13/25 23:46	1
Hexachlorocyclopentadiene	0.35	U	0.35	0.031	mg/Kg	☼	10/13/25 10:32	10/13/25 23:46	1
Hexachloroethane	0.035	U	0.035	0.012	mg/Kg	☼	10/13/25 10:32	10/13/25 23:46	1
Indeno[1,2,3-cd]pyrene	**0.024**	**J**	0.035	0.014	mg/Kg	☼	10/13/25 10:32	10/13/25 23:46	1
Isophorone	0.14	U	0.14	0.10	mg/Kg	☼	10/13/25 10:32	10/13/25 23:46	1
Naphthalene	**0.0084**	**J**	0.35	0.0060	mg/Kg	☼	10/13/25 10:32	10/13/25 23:46	1
Nitrobenzene	0.035	U	0.035	0.019	mg/Kg	☼	10/13/25 10:32	10/13/25 23:46	1
N-Nitrosodi-n-propylamine	0.035	U	0.035	0.025	mg/Kg	☼	10/13/25 10:32	10/13/25 23:46	1
N-Nitrosodiphenylamine	0.35	U	0.35	0.029	mg/Kg	☼	10/13/25 10:32	10/13/25 23:46	1
Pentachlorophenol	0.28	U	0.28	0.072	mg/Kg	☼	10/13/25 10:32	10/13/25 23:46	1
Phenanthrene	**0.027**	**J**	0.35	0.014	mg/Kg	☼	10/13/25 10:32	10/13/25 23:46	1
Phenol	0.35	U	0.35	0.013	mg/Kg	☼	10/13/25 10:32	10/13/25 23:46	1
Pyrene	**0.043**	**J**	0.35	0.0087	mg/Kg	☼	10/13/25 10:32	10/13/25 23:46	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
2,4,6-Tribromophenol (Surr)	*72*		*18 - 137*	*10/13/25 10:32*	*10/13/25 23:46*	*1*
2-Fluorobiphenyl	*67*		*33 - 117*	*10/13/25 10:32*	*10/13/25 23:46*	*1*
2-Fluorophenol (Surr)	*68*		*24 - 120*	*10/13/25 10:32*	*10/13/25 23:46*	*1*

Client Sample ID: 52C_4-8

Date Collected: 10/10/25 12:40
Date Received: 10/10/25 17:30

Lab Sample ID: 460-337049-6

Matrix: Solid
Percent Solids: 94.1

Method: SW846 8270E - Semivolatile Organic Compounds (GC/MS) (Continued)

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
Nitrobenzene-d5 (Surr)	*61*		*27 - 120*	*10/13/25 10:32*	*10/13/25 23:46*	*1*
Phenol-d5 (Surr)	*67*		*28 - 118*	*10/13/25 10:32*	*10/13/25 23:46*	*1*
Terphenyl-d14 (Surr)	*72*		*33 - 124*	*10/13/25 10:32*	*10/13/25 23:46*	*1*

Method: SW846 8081B - Organochlorine Pesticides (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
4,4'-DDD	0.0071	U	0.0071	0.0012	mg/Kg	☼	10/13/25 05:42	10/15/25 09:17	1
4,4'-DDE	0.0071	U	0.0071	0.00084	mg/Kg	☼	10/13/25 05:42	10/15/25 09:17	1
4,4'-DDT	0.0071	U	0.0071	0.0013	mg/Kg	☼	10/13/25 05:42	10/15/25 09:17	1
Aldrin	0.0071	U	0.0071	0.0011	mg/Kg	☼	10/13/25 05:42	10/15/25 09:17	1
alpha-BHC	0.0021	U	0.0021	0.00072	mg/Kg	☼	10/13/25 05:42	10/15/25 09:17	1
beta-BHC	0.0021	U	0.0021	0.00079	mg/Kg	☼	10/13/25 05:42	10/15/25 09:17	1
Chlordane (technical)	0.071	U	0.071	0.017	mg/Kg	☼	10/13/25 05:42	10/15/25 09:17	1
cis-Chlordane	0.0071	U	0.0071	0.0011	mg/Kg	☼	10/13/25 05:42	10/15/25 09:17	1
delta-BHC	0.0021	U	0.0021	0.00043	mg/Kg	☼	10/13/25 05:42	10/15/25 09:17	1
Dieldrin	0.0021	U	0.0021	0.00092	mg/Kg	☼	10/13/25 05:42	10/15/25 09:17	1
Endosulfan I	0.0071	U	0.0071	0.0011	mg/Kg	☼	10/13/25 05:42	10/15/25 09:17	1
Endosulfan II	0.0071	U	0.0071	0.0018	mg/Kg	☼	10/13/25 05:42	10/15/25 09:17	1
Endosulfan sulfate	0.0071	U	0.0071	0.00089	mg/Kg	☼	10/13/25 05:42	10/15/25 09:17	1
Endrin	0.0071	U	0.0071	0.0010	mg/Kg	☼	10/13/25 05:42	10/15/25 09:17	1
Endrin aldehyde	0.0071	U	0.0071	0.0017	mg/Kg	☼	10/13/25 05:42	10/15/25 09:17	1
Endrin ketone	0.0071	U	0.0071	0.0014	mg/Kg	☼	10/13/25 05:42	10/15/25 09:17	1
gamma-BHC (Lindane)	0.0021	U	0.0021	0.00066	mg/Kg	☼	10/13/25 05:42	10/15/25 09:17	1
Heptachlor	0.0071	U	0.0071	0.00084	mg/Kg	☼	10/13/25 05:42	10/15/25 09:17	1
Heptachlor epoxide	**0.21**		0.0071	0.0011	mg/Kg	☼	10/13/25 05:42	10/15/25 09:17	1
Methoxychlor	0.0071	U	0.0071	0.0016	mg/Kg	☼	10/13/25 05:42	10/15/25 09:17	1
Toxaphene	0.071	U	0.071	0.026	mg/Kg	☼	10/13/25 05:42	10/15/25 09:17	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
DCB Decachlorobiphenyl	*189*	*	*10 - 150*	*10/13/25 05:42*	*10/15/25 09:17*	*1*
DCB Decachlorobiphenyl	*75*		*10 - 150*	*10/13/25 05:42*	*10/15/25 09:17*	*1*
Tetrachloro-m-xylene	*113*		*14 - 150*	*10/13/25 05:42*	*10/15/25 09:17*	*1*
Tetrachloro-m-xylene	*109*		*14 - 150*	*10/13/25 05:42*	*10/15/25 09:17*	*1*

Method: SW846 8082A - Polychlorinated Biphenyls (PCBs) by Gas Chromatography

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Aroclor 1016	0.071	U	0.071	0.019	mg/Kg	☼	10/13/25 06:37	10/14/25 22:54	1
Aroclor 1221	0.071	U	0.071	0.019	mg/Kg	☼	10/13/25 06:37	10/14/25 22:54	1
Aroclor 1232	0.071	U	0.071	0.019	mg/Kg	☼	10/13/25 06:37	10/14/25 22:54	1
Aroclor 1242	0.071	U	0.071	0.019	mg/Kg	☼	10/13/25 06:37	10/14/25 22:54	1
Aroclor 1248	0.071	U	0.071	0.019	mg/Kg	☼	10/13/25 06:37	10/14/25 22:54	1
Aroclor 1254	0.071	U	0.071	0.019	mg/Kg	☼	10/13/25 06:37	10/14/25 22:54	1
Aroclor 1260	**0.064**	**J**	0.071	0.019	mg/Kg	☼	10/13/25 06:37	10/14/25 22:54	1
Aroclor-1262	0.071	U	0.071	0.019	mg/Kg	☼	10/13/25 06:37	10/14/25 22:54	1
Aroclor 1268	0.071	U	0.071	0.019	mg/Kg	☼	10/13/25 06:37	10/14/25 22:54	1
Polychlorinated biphenyls, Total	**0.064**	**J**	0.071	0.019	mg/Kg	☼	10/13/25 06:37	10/14/25 22:54	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
DCB Decachlorobiphenyl	*117*		*10 - 150*	*10/13/25 06:37*	*10/14/25 22:54*	*1*
DCB Decachlorobiphenyl	*124*		*10 - 150*	*10/13/25 06:37*	*10/14/25 22:54*	*1*

Client Sample ID: 52C_4-8
Date Collected: 10/10/25 12:40
Date Received: 10/10/25 17:30

Lab Sample ID: 460-337049-6
Matrix: Solid
Percent Solids: 94.1

Method: SW846 8082A - Polychlorinated Biphenyls (PCBs) by Gas Chromatography (Continued)

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
Tetrachloro-m-xylene	*150*		*10 - 150*	*10/13/25 06:37*	*10/14/25 22:54*	*1*
Tetrachloro-m-xylene	*154*	*	*10 - 150*	*10/13/25 06:37*	*10/14/25 22:54*	*1*

Method: EPA 1633A - Per- and Polyfluoroalkyl Substances by LC/MS/MS, 1633A

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Perfluorobutanoic acid (PFBA)	0.40	U	0.40	0.10	ug/Kg	☼	10/15/25 14:09	10/17/25 00:46	1
Perfluoropentanoic acid (PFPeA)	0.20	U	0.20	0.10	ug/Kg	☼	10/15/25 14:09	10/17/25 00:46	1
Perfluorohexanoic acid (PFHxA)	0.20	U	0.20	0.10	ug/Kg	☼	10/15/25 14:09	10/17/25 00:46	1
Perfluoroheptanoic acid (PFHpA)	0.20	U	0.20	0.10	ug/Kg	☼	10/15/25 14:09	10/17/25 00:46	1
Perfluorooctanoic acid (PFOA)	**0.068**	**J**	0.20	0.060	ug/Kg	☼	10/15/25 14:09	10/17/25 00:46	1
Perfluorononanoic acid (PFNA)	0.15	U	0.15	0.15	ug/Kg	☼	10/15/25 14:09	10/17/25 00:46	1
Perfluorodecanoic acid (PFDA)	**0.10**	**J**	0.20	0.060	ug/Kg	☼	10/15/25 14:09	10/17/25 00:46	1
Perfluoroundecanoic acid (PFUnA)	**0.39**		0.20	0.10	ug/Kg	☼	10/15/25 14:09	10/17/25 00:46	1
Perfluorododecanoic acid (PFDoA)	0.20	U	0.20	0.10	ug/Kg	☼	10/15/25 14:09	10/17/25 00:46	1
Perfluorotridecanoic acid (PFTrDA)	0.20	U	0.20	0.10	ug/Kg	☼	10/15/25 14:09	10/17/25 00:46	1
Perfluorotetradecanoic acid (PFTeDA)	0.20	U	0.20	0.10	ug/Kg	☼	10/15/25 14:09	10/17/25 00:46	1
Perfluorobutanesulfonic acid (PFBS)	0.20	U	0.20	0.10	ug/Kg	☼	10/15/25 14:09	10/17/25 00:46	1
Perfluoropentanesulfonic acid (PFPeS)	0.20	U	0.20	0.10	ug/Kg	☼	10/15/25 14:09	10/17/25 00:46	1
Perfluorohexanesulfonic acid (PFHxS)	0.20	U	0.20	0.10	ug/Kg	☼	10/15/25 14:09	10/17/25 00:46	1
Perfluoroheptanesulfonic acid (PFHpS)	0.20	U	0.20	0.10	ug/Kg	☼	10/15/25 14:09	10/17/25 00:46	1
Perfluorooctanesulfonic acid (PFOS)	0.20	U	0.20	0.10	ug/Kg	☼	10/15/25 14:09	10/17/25 00:46	1
Perfluorononanesulfonic acid (PFNS)	0.20	U	0.20	0.10	ug/Kg	☼	10/15/25 14:09	10/17/25 00:46	1
Perfluorodecanesulfonic acid (PFDS)	0.20	U	0.20	0.10	ug/Kg	☼	10/15/25 14:09	10/17/25 00:46	1
Perfluorododecanesulfonic acid (PFDoS)	0.20	U	0.20	0.10	ug/Kg	☼	10/15/25 14:09	10/17/25 00:46	1
1H,1H,2H,2H-Perfluorohexane sulfonic acid (4:2 FTS)	0.40	U	0.40	0.20	ug/Kg	☼	10/15/25 14:09	10/17/25 00:46	1
1H,1H,2H,2H-Perfluorooctane sulfonic acid (6:2 FTS)	0.40	U	0.40	0.20	ug/Kg	☼	10/15/25 14:09	10/17/25 00:46	1
1H,1H,2H,2H-Perfluorodecane sulfonic acid (8:2 FTS)	0.40	U	0.40	0.20	ug/Kg	☼	10/15/25 14:09	10/17/25 00:46	1
Perfluorooctanesulfonamide (PFOSA)	0.20	U	0.20	0.10	ug/Kg	☼	10/15/25 14:09	10/17/25 00:46	1
N-methylperfluorooctane sulfonamide (NMeFOSA)	0.20	U	0.20	0.10	ug/Kg	☼	10/15/25 14:09	10/17/25 00:46	1
N-ethylperfluorooctane sulfonamide (NEtFOSA)	0.20	U	0.20	0.10	ug/Kg	☼	10/15/25 14:09	10/17/25 00:46	1
N-methylperfluorooctanesulfonamidoacetic acid (NMeFOSAA)	0.20	U	0.20	0.10	ug/Kg	☼	10/15/25 14:09	10/17/25 00:46	1
N-ethylperfluorooctanesulfonamidoacetic acid (NEtFOSAA)	0.20	U	0.20	0.10	ug/Kg	☼	10/15/25 14:09	10/17/25 00:46	1
N-methylperfluorooctane sulfonamidoethanol (NMeFOSE)	1.0	U	1.0	0.50	ug/Kg	☼	10/15/25 14:09	10/17/25 00:46	1
N-ethylperfluorooctane sulfonamidoethanol (NEtFOSE)	1.0	U	1.0	0.50	ug/Kg	☼	10/15/25 14:09	10/17/25 00:46	1
Hexafluoropropylene Oxide Dimer Acid (HFPO-DA)	0.20	U	0.20	0.10	ug/Kg	☼	10/15/25 14:09	10/17/25 00:46	1
4,8-Dioxa-3H-perfluorononanoic acid (ADONA)	0.20	U	0.20	0.10	ug/Kg	☼	10/15/25 14:09	10/17/25 00:46	1
Perfluoro-3-methoxypropanoic acid (PFMPA)	0.20	U	0.20	0.10	ug/Kg	☼	10/15/25 14:09	10/17/25 00:46	1

Client Sample ID: 52C_4-8
Date Collected: 10/10/25 12:40
Date Received: 10/10/25 17:30

Lab Sample ID: 460-337049-6
Matrix: Solid
Percent Solids: 94.1

Method: EPA 1633A - Per- and Polyfluoroalkyl Substances by LC/MS/MS, 1633A (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Perfluoro-4-methoxybutanoic acid (PFMBA)	0.20	U	0.20	0.10	ug/Kg	☼	10/15/25 14:09	10/17/25 00:46	1
Nonafluoro-3,6-dioxaheptanoic acid (NFDHA)	0.20	U	0.20	0.10	ug/Kg	☼	10/15/25 14:09	10/17/25 00:46	1
9-Chlorohexadecafluoro-3-oxanonane-1-sulfonic acid (9Cl-PF3ONS)	0.20	U	0.20	0.10	ug/Kg	☼	10/15/25 14:09	10/17/25 00:46	1
11-Chloroeicosafluoro-3-oxaundecane-1-sulfonic acid (11Cl-PF3OUdS)	0.20	U	0.20	0.10	ug/Kg	☼	10/15/25 14:09	10/17/25 00:46	1
Perfluoro (2-ethoxyethane) sulfonic acid (PFEESA)	0.20	U	0.20	0.10	ug/Kg	☼	10/15/25 14:09	10/17/25 00:46	1
3-Perfluoropropylpropanoic acid (3:3 FTCA)	0.40	U	0.40	0.20	ug/Kg	☼	10/15/25 14:09	10/17/25 00:46	1
3-Perfluoropentylpropanoic acid (5:3 FTCA)	1.0	U	1.0	0.50	ug/Kg	☼	10/15/25 14:09	10/17/25 00:46	1
3-Perfluoroheptylpropanoic acid (7:3 FTCA)	1.0	U	1.0	0.50	ug/Kg	☼	10/15/25 14:09	10/17/25 00:46	1

Isotope Dilution	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
13C4 PFBA	*89.6*		*8 - 130*	*10/15/25 14:09*	*10/17/25 00:46*	*1*
13C5 PFPeA	*88.8*		*35 - 130*	*10/15/25 14:09*	*10/17/25 00:46*	*1*
13C5 PFHxA	*91.4*		*40 - 130*	*10/15/25 14:09*	*10/17/25 00:46*	*1*
13C4 PFHpA	*86.5*		*40 - 130*	*10/15/25 14:09*	*10/17/25 00:46*	*1*
13C8 PFOA	*91.0*		*40 - 130*	*10/15/25 14:09*	*10/17/25 00:46*	*1*
13C9 PFNA	*83.4*		*40 - 130*	*10/15/25 14:09*	*10/17/25 00:46*	*1*
13C6 PFDA	*77.7*		*40 - 130*	*10/15/25 14:09*	*10/17/25 00:46*	*1*
13C7 PFUnA	*76.5*		*40 - 130*	*10/15/25 14:09*	*10/17/25 00:46*	*1*
13C2 PFTeDA	*69.5*		*20 - 130*	*10/15/25 14:09*	*10/17/25 00:46*	*1*
13C3 PFBS	*74.7*		*40 - 135*	*10/15/25 14:09*	*10/17/25 00:46*	*1*
13C3 PFHxS	*72.1*		*40 - 130*	*10/15/25 14:09*	*10/17/25 00:46*	*1*
13C8 PFOS	*68.9*		*40 - 130*	*10/15/25 14:09*	*10/17/25 00:46*	*1*
13C8 FOSA	*71.7*		*40 - 130*	*10/15/25 14:09*	*10/17/25 00:46*	*1*
d3-NMeFOSAA	*70.9*		*40 - 135*	*10/15/25 14:09*	*10/17/25 00:46*	*1*
d5-NEtFOSAA	*66.6*		*40 - 150*	*10/15/25 14:09*	*10/17/25 00:46*	*1*
13C2 4:2 FTS	*110*		*40 - 165*	*10/15/25 14:09*	*10/17/25 00:46*	*1*
13C2 6:2 FTS	*109*		*40 - 215*	*10/15/25 14:09*	*10/17/25 00:46*	*1*
13C2 8:2 FTS	*132*		*40 - 275*	*10/15/25 14:09*	*10/17/25 00:46*	*1*
13C3 HFPO-DA	*91.7*		*40 - 130*	*10/15/25 14:09*	*10/17/25 00:46*	*1*
d7-N-MeFOSE-M	*46.6*		*20 - 130*	*10/15/25 14:09*	*10/17/25 00:46*	*1*
d9-N-EtFOSE-M	*40.1*		*15 - 130*	*10/15/25 14:09*	*10/17/25 00:46*	*1*
d5-NEtPFOSA	*58.8*		*10 - 130*	*10/15/25 14:09*	*10/17/25 00:46*	*1*
d3-NMePFOSA	*63.5*		*10 - 130*	*10/15/25 14:09*	*10/17/25 00:46*	*1*
13C2 PFDoA	*71.5*		*40 - 130*	*10/15/25 14:09*	*10/17/25 00:46*	*1*

Method: SW846 6020B - Metals (ICP/MS)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Aluminum	**8020**		15.9	4.4	mg/Kg	☼	10/17/25 20:20	10/18/25 18:26	1
Antimony	**3.5**		0.79	0.12	mg/Kg	☼	10/17/25 20:20	10/18/25 18:26	1
Arsenic	**7.6**		0.79	0.082	mg/Kg	☼	10/17/25 20:20	10/18/25 18:26	1
Barium	**83.3**		1.6	0.11	mg/Kg	☼	10/17/25 20:20	10/18/25 18:26	1
Beryllium	**3.2**		0.32	0.017	mg/Kg	☼	10/17/25 20:20	10/18/25 18:26	1
Cadmium	**0.59**	**J**	0.79	0.090	mg/Kg	☼	10/17/25 20:20	10/18/25 18:26	1
Calcium	**4000**		79.3	7.7	mg/Kg	☼	10/17/25 20:20	10/18/25 18:26	1

Client Sample ID: 52C_4-8

Date Collected: 10/10/25 12:40
Date Received: 10/10/25 17:30

Lab Sample ID: 460-337049-6

Matrix: Solid
Percent Solids: 94.1

Method: SW846 6020B - Metals (ICP/MS) (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chromium	35.3		1.6	0.24	mg/Kg	☼	10/17/25 20:20	10/18/25 18:26	1
Cobalt	11.5		0.79	0.12	mg/Kg	☼	10/17/25 20:20	10/18/25 18:26	1
Copper	133		1.6	0.29	mg/Kg	☼	10/17/25 20:20	10/18/25 18:26	1
Iron	21400		47.6	6.1	mg/Kg	☼	10/17/25 20:20	10/18/25 18:26	1
Lead	319		0.48	0.16	mg/Kg	☼	10/17/25 20:20	10/18/25 18:26	1
Magnesium	3250		79.3	8.1	mg/Kg	☼	10/17/25 20:20	10/18/25 18:26	1
Manganese	201		3.2	0.32	mg/Kg	☼	10/17/25 20:20	10/18/25 18:26	1
Nickel	58.4		1.6	0.14	mg/Kg	☼	10/17/25 20:20	10/18/25 18:26	1
Potassium	1170		79.3	12.8	mg/Kg	☼	10/17/25 20:20	10/18/25 18:26	1
Selenium	0.41	J	0.99	0.10	mg/Kg	☼	10/17/25 20:20	10/18/25 18:26	1
Silver	0.43		0.32	0.071	mg/Kg	☼	10/17/25 20:20	10/18/25 18:26	1
Sodium	144		79.3	36.2	mg/Kg	☼	10/17/25 20:20	10/18/25 18:26	1
Thallium	0.099	J	0.32	0.033	mg/Kg	☼	10/17/25 20:20	10/18/25 18:26	1
Vanadium	28.4		1.6	0.16	mg/Kg	☼	10/17/25 20:20	10/18/25 18:26	1
Zinc	524		6.3	0.86	mg/Kg	☼	10/17/25 20:20	10/18/25 18:26	1

Method: SW846 7471B - Mercury (CVAA)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	0.032		0.017	0.0078	mg/Kg	☼	10/22/25 01:14	10/22/25 07:11	1

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Percent Moisture (EPA Moisture)	5.9		1.0	1.0	%			10/13/25 17:10	1
Percent Solids (EPA Moisture)	94.1		1.0	1.0	%			10/13/25 17:10	1

Client Sample ID: 52D_0-4

Date Collected: 10/10/25 12:45
Date Received: 10/10/25 17:30

Lab Sample ID: 460-337049-7

Matrix: Solid
Percent Solids: 94.6

Method: SW846 8260D - Volatile Organic Compounds by GC/MS

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1-Trichloroethane	0.00093	U	0.00093	0.00022	mg/Kg	☼	10/14/25 12:47	10/15/25 19:44	1
1,1,2,2-Tetrachloroethane	0.00093	U	0.00093	0.00049	mg/Kg	☼	10/14/25 12:47	10/15/25 19:44	1
1,1,2-Trichloro-1,2,2-trifluoroethane	0.00093	U	0.00093	0.00028	mg/Kg	☼	10/14/25 12:47	10/15/25 19:44	1
1,1,2-Trichloroethane	0.00093	U	0.00093	0.00056	mg/Kg	☼	10/14/25 12:47	10/15/25 19:44	1
1,1-Dichloroethane	0.00093	U	0.00093	0.00056	mg/Kg	☼	10/14/25 12:47	10/15/25 19:44	1
1,1-Dichloroethene	0.00093	U	0.00093	0.00021	mg/Kg	☼	10/14/25 12:47	10/15/25 19:44	1
1,2,3-Trichlorobenzene	0.00093	U	0.00093	0.00069	mg/Kg	☼	10/14/25 12:47	10/15/25 19:44	1
1,2,4-Trichlorobenzene	0.00093	U	0.00093	0.00033	mg/Kg	☼	10/14/25 12:47	10/15/25 19:44	1
1,2,4-Trimethylbenzene	0.00093	U	0.00093	0.00023	mg/Kg	☼	10/14/25 12:47	10/15/25 19:44	1
1,2-Dibromo-3-Chloropropane	0.00093	U	0.00093	0.00043	mg/Kg	☼	10/14/25 12:47	10/15/25 19:44	1
1,2-Dichlorobenzene	0.00093	U	0.00093	0.00034	mg/Kg	☼	10/14/25 12:47	10/15/25 19:44	1
1,2-Dichloroethane	0.00093	U	0.00093	0.00028	mg/Kg	☼	10/14/25 12:47	10/15/25 19:44	1
1,2-Dichloropropane	0.00093	U	0.00093	0.00040	mg/Kg	☼	10/14/25 12:47	10/15/25 19:44	1
1,3,5-Trimethylbenzene	0.00093	U	0.00093	0.00029	mg/Kg	☼	10/14/25 12:47	10/15/25 19:44	1
1,3-Dichlorobenzene	0.00093	U	0.00093	0.00034	mg/Kg	☼	10/14/25 12:47	10/15/25 19:44	1
1,4-Dichlorobenzene	0.00093	U	0.00093	0.00048	mg/Kg	☼	10/14/25 12:47	10/15/25 19:44	1
2-Butanone (MEK)	0.0047	U	0.0047	0.00034	mg/Kg	☼	10/14/25 12:47	10/15/25 19:44	1
2-Hexanone	0.0047	U	0.0047	0.0016	mg/Kg	☼	10/14/25 12:47	10/15/25 19:44	1
4-Methyl-2-pentanone (MIBK)	0.0047	U	0.0047	0.0015	mg/Kg	☼	10/14/25 12:47	10/15/25 19:44	1

Client Sample ID: 52D_0-4
Date Collected: 10/10/25 12:45
Date Received: 10/10/25 17:30

Lab Sample ID: 460-337049-7
Matrix: Solid
Percent Solids: 94.6

Method: SW846 8260D - Volatile Organic Compounds by GC/MS (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Acetone	0.0056	U	0.0056	0.0053	mg/Kg	☼	10/14/25 12:47	10/15/25 19:44	1
Benzene	0.00093	U	0.00093	0.00053	mg/Kg	☼	10/14/25 12:47	10/15/25 19:44	1
Bromoform	0.00093	U	0.00093	0.00040	mg/Kg	☼	10/14/25 12:47	10/15/25 19:44	1
Bromomethane	0.0019	U	0.0019	0.00093	mg/Kg	☼	10/14/25 12:47	10/15/25 19:44	1
Carbon disulfide	0.00093	U	0.00093	0.00025	mg/Kg	☼	10/14/25 12:47	10/15/25 19:44	1
Carbon tetrachloride	0.00093	U	0.00093	0.00036	mg/Kg	☼	10/14/25 12:47	10/15/25 19:44	1
Chlorobenzene	0.00093	U	0.00093	0.00047	mg/Kg	☼	10/14/25 12:47	10/15/25 19:44	1
Chlorobromomethane	0.00093	U	0.00093	0.00056	mg/Kg	☼	10/14/25 12:47	10/15/25 19:44	1
Chlorodibromomethane	0.00093	U	0.00093	0.00050	mg/Kg	☼	10/14/25 12:47	10/15/25 19:44	1
Chloroethane	0.00093	U	0.00093	0.00049	mg/Kg	☼	10/14/25 12:47	10/15/25 19:44	1
Chloroform	0.00093	U	0.00093	0.00091	mg/Kg	☼	10/14/25 12:47	10/15/25 19:44	1
Chloromethane	0.00093	U	0.00093	0.00041	mg/Kg	☼	10/14/25 12:47	10/15/25 19:44	1
cis-1,2-Dichloroethene	0.00093	U	0.00093	0.00033	mg/Kg	☼	10/14/25 12:47	10/15/25 19:44	1
cis-1,3-Dichloropropene	0.00093	U	0.00093	0.00025	mg/Kg	☼	10/14/25 12:47	10/15/25 19:44	1
Cyclohexane	0.00093	U	0.00093	0.00021	mg/Kg	☼	10/14/25 12:47	10/15/25 19:44	1
Dichlorobromomethane	0.00093	U	0.00093	0.00024	mg/Kg	☼	10/14/25 12:47	10/15/25 19:44	1
Dichlorodifluoromethane	0.00093	U	0.00093	0.00032	mg/Kg	☼	10/14/25 12:47	10/15/25 19:44	1
Ethylbenzene	0.00093	U	0.00093	0.00044	mg/Kg	☼	10/14/25 12:47	10/15/25 19:44	1
Ethylene Dibromide	0.00093	U	0.00093	0.00047	mg/Kg	☼	10/14/25 12:47	10/15/25 19:44	1
Isopropylbenzene	0.00093	U	0.00093	0.00027	mg/Kg	☼	10/14/25 12:47	10/15/25 19:44	1
Methyl acetate	0.0047	U	0.0047	0.0040	mg/Kg	☼	10/14/25 12:47	10/15/25 19:44	1
Methyl tert-butyl ether	0.00093	U	0.00093	0.00048	mg/Kg	☼	10/14/25 12:47	10/15/25 19:44	1
Methylcyclohexane	0.00093	U	0.00093	0.00047	mg/Kg	☼	10/14/25 12:47	10/15/25 19:44	1
Methylene Chloride	0.0019	U	0.0019	0.0011	mg/Kg	☼	10/14/25 12:47	10/15/25 19:44	1
m-Xylene & p-Xylene	0.00093	U	0.00093	0.00040	mg/Kg	☼	10/14/25 12:47	10/15/25 19:44	1
n-Butylbenzene	0.00093	U	0.00093	0.00027	mg/Kg	☼	10/14/25 12:47	10/15/25 19:44	1
N-Propylbenzene	0.00093	U	0.00093	0.00042	mg/Kg	☼	10/14/25 12:47	10/15/25 19:44	1
o-Xylene	0.00093	U	0.00093	0.00043	mg/Kg	☼	10/14/25 12:47	10/15/25 19:44	1
sec-Butylbenzene	0.00093	U	0.00093	0.00027	mg/Kg	☼	10/14/25 12:47	10/15/25 19:44	1
Styrene	0.00093	U	0.00093	0.00026	mg/Kg	☼	10/14/25 12:47	10/15/25 19:44	1
tert-Butylbenzene	0.00093	U	0.00093	0.00026	mg/Kg	☼	10/14/25 12:47	10/15/25 19:44	1
Tetrachloroethene	0.00093	U	0.00093	0.00028	mg/Kg	☼	10/14/25 12:47	10/15/25 19:44	1
Toluene	0.00093	U	0.00093	0.00022	mg/Kg	☼	10/14/25 12:47	10/15/25 19:44	1
trans-1,2-Dichloroethene	0.00093	U	0.00093	0.00023	mg/Kg	☼	10/14/25 12:47	10/15/25 19:44	1
trans-1,3-Dichloropropene	0.00093	U	0.00093	0.00025	mg/Kg	☼	10/14/25 12:47	10/15/25 19:44	1
Trichloroethene	0.00093	U	0.00093	0.00030	mg/Kg	☼	10/14/25 12:47	10/15/25 19:44	1
Trichlorofluoromethane	0.00093	U	0.00093	0.00038	mg/Kg	☼	10/14/25 12:47	10/15/25 19:44	1
Vinyl chloride	0.00093	U	0.00093	0.00051	mg/Kg	☼	10/14/25 12:47	10/15/25 19:44	1
Xylenes, Total	0.0019	U	0.0019	0.00016	mg/Kg	☼	10/14/25 12:47	10/15/25 19:44	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,2-Dichloroethane-d4 (Surr)	*106*		*65 - 138*	*10/14/25 12:47*	*10/15/25 19:44*	*1*
4-Bromofluorobenzene	*101*		*71 - 128*	*10/14/25 12:47*	*10/15/25 19:44*	*1*
Dibromofluoromethane (Surr)	*101*		*50 - 150*	*10/14/25 12:47*	*10/15/25 19:44*	*1*
Toluene-d8 (Surr)	*95*		*71 - 126*	*10/14/25 12:47*	*10/15/25 19:44*	*1*

Method: SW846 8270E - Semivolatile Organic Compounds (GC/MS)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1'-Biphenyl	0.35	U	0.35	0.012	mg/Kg	☼	10/13/25 10:32	10/14/25 00:10	1
1,2,4,5-Tetrachlorobenzene	0.35	U	0.35	0.011	mg/Kg	☼	10/13/25 10:32	10/14/25 00:10	1

Client Sample ID: 52D_0-4
Date Collected: 10/10/25 12:45
Date Received: 10/10/25 17:30

Lab Sample ID: 460-337049-7
Matrix: Solid
Percent Solids: 94.6

Method: SW846 8270E - Semivolatile Organic Compounds (GC/MS) (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,4-Dioxane	0.035	U	0.035	0.031	mg/Kg	☼	10/13/25 10:32	10/14/25 00:10	1
2,2'-oxybis[1-chloropropane]	0.35	U	0.35	0.021	mg/Kg	☼	10/13/25 10:32	10/14/25 00:10	1
2,3,4,6-Tetrachlorophenol	0.35	U	0.35	0.024	mg/Kg	☼	10/13/25 10:32	10/14/25 00:10	1
2,4,5-Trichlorophenol	0.35	U	0.35	0.036	mg/Kg	☼	10/13/25 10:32	10/14/25 00:10	1
2,4,6-Trichlorophenol	0.14	U	0.14	0.045	mg/Kg	☼	10/13/25 10:32	10/14/25 00:10	1
2,4-Dichlorophenol	0.14	U	0.14	0.022	mg/Kg	☼	10/13/25 10:32	10/14/25 00:10	1
2,4-Dimethylphenol	0.35	U	0.35	0.042	mg/Kg	☼	10/13/25 10:32	10/14/25 00:10	1
2,4-Dinitrophenol	0.28	U *	0.28	0.17	mg/Kg	☼	10/13/25 10:32	10/14/25 00:10	1
2,4-Dinitrotoluene	0.071	U	0.071	0.038	mg/Kg	☼	10/13/25 10:32	10/14/25 00:10	1
2,6-Dinitrotoluene	0.071	U	0.071	0.025	mg/Kg	☼	10/13/25 10:32	10/14/25 00:10	1
2-Chloronaphthalene	0.35	U	0.35	0.045	mg/Kg	☼	10/13/25 10:32	10/14/25 00:10	1
2-Chlorophenol	0.35	U	0.35	0.012	mg/Kg	☼	10/13/25 10:32	10/14/25 00:10	1
2-Methylnaphthalene	**0.020**	**J**	0.35	0.0098	mg/Kg	☼	10/13/25 10:32	10/14/25 00:10	1
2-Methylphenol	0.35	U	0.35	0.013	mg/Kg	☼	10/13/25 10:32	10/14/25 00:10	1
2-Nitroaniline	0.35	U	0.35	0.027	mg/Kg	☼	10/13/25 10:32	10/14/25 00:10	1
2-Nitrophenol	0.35	U	0.35	0.035	mg/Kg	☼	10/13/25 10:32	10/14/25 00:10	1
3 & 4 Methylphenol	0.35	U	0.35	0.022	mg/Kg	☼	10/13/25 10:32	10/14/25 00:10	1
3,3'-Dichlorobenzidine	0.14	U	0.14	0.053	mg/Kg	☼	10/13/25 10:32	10/14/25 00:10	1
3-Nitroaniline	0.35	U	0.35	0.083	mg/Kg	☼	10/13/25 10:32	10/14/25 00:10	1
4,6-Dinitro-2-methylphenol	0.28	U *	0.28	0.14	mg/Kg	☼	10/13/25 10:32	10/14/25 00:10	1
4-Bromophenyl phenyl ether	0.35	U	0.35	0.014	mg/Kg	☼	10/13/25 10:32	10/14/25 00:10	1
4-Chloro-3-methylphenol	0.35	U	0.35	0.020	mg/Kg	☼	10/13/25 10:32	10/14/25 00:10	1
4-Chloroaniline	0.35	U	0.35	0.062	mg/Kg	☼	10/13/25 10:32	10/14/25 00:10	1
4-Chlorophenyl phenyl ether	0.35	U	0.35	0.012	mg/Kg	☼	10/13/25 10:32	10/14/25 00:10	1
4-Methylphenol	0.35	U	0.35	0.022	mg/Kg	☼	10/13/25 10:32	10/14/25 00:10	1
4-Nitroaniline	0.35	U	0.35	0.089	mg/Kg	☼	10/13/25 10:32	10/14/25 00:10	1
4-Nitrophenol	0.71	U	0.71	0.057	mg/Kg	☼	10/13/25 10:32	10/14/25 00:10	1
Acenaphthene	0.35	U	0.35	0.0099	mg/Kg	☼	10/13/25 10:32	10/14/25 00:10	1
Acenaphthylene	**0.044**	**J**	0.35	0.010	mg/Kg	☼	10/13/25 10:32	10/14/25 00:10	1
Acetophenone	0.35	U	0.35	0.017	mg/Kg	☼	10/13/25 10:32	10/14/25 00:10	1
Anthracene	**0.045**	**J**	0.35	0.011	mg/Kg	☼	10/13/25 10:32	10/14/25 00:10	1
Atrazine	0.14	U	0.14	0.021	mg/Kg	☼	10/13/25 10:32	10/14/25 00:10	1
Benzaldehyde	0.35	U	0.35	0.058	mg/Kg	☼	10/13/25 10:32	10/14/25 00:10	1
Benzo[a]anthracene	**0.036**		0.035	0.026	mg/Kg	☼	10/13/25 10:32	10/14/25 00:10	1
Benzo[a]pyrene	**0.046**		0.035	0.0093	mg/Kg	☼	10/13/25 10:32	10/14/25 00:10	1
Benzo[b]fluoranthene	**0.063**		0.035	0.0090	mg/Kg	☼	10/13/25 10:32	10/14/25 00:10	1
Benzo[g,h,i]perylene	**0.056**	**J**	0.35	0.010	mg/Kg	☼	10/13/25 10:32	10/14/25 00:10	1
Benzo[k]fluoranthene	**0.017**	**J**	0.035	0.0068	mg/Kg	☼	10/13/25 10:32	10/14/25 00:10	1
Bis(2-chloroethoxy)methane	0.35	U	0.35	0.065	mg/Kg	☼	10/13/25 10:32	10/14/25 00:10	1
Bis(2-chloroethyl)ether	0.035	U	0.035	0.012	mg/Kg	☼	10/13/25 10:32	10/14/25 00:10	1
Bis(2-ethylhexyl) phthalate	0.35	U	0.35	0.018	mg/Kg	☼	10/13/25 10:32	10/14/25 00:10	1
Butyl benzyl phthalate	0.35	U	0.35	0.016	mg/Kg	☼	10/13/25 10:32	10/14/25 00:10	1
Caprolactam	0.35	U	0.35	0.054	mg/Kg	☼	10/13/25 10:32	10/14/25 00:10	1
Carbazole	0.35	U	0.35	0.013	mg/Kg	☼	10/13/25 10:32	10/14/25 00:10	1
Chrysene	**0.043**	**J**	0.35	0.015	mg/Kg	☼	10/13/25 10:32	10/14/25 00:10	1
Dibenz(a,h)anthracene	0.035	U	0.035	0.015	mg/Kg	☼	10/13/25 10:32	10/14/25 00:10	1
Dibenzofuran	0.35	U	0.35	0.012	mg/Kg	☼	10/13/25 10:32	10/14/25 00:10	1
Diethyl phthalate	0.35	U	0.35	0.011	mg/Kg	☼	10/13/25 10:32	10/14/25 00:10	1
Dimethyl phthalate	0.35	U	0.35	0.079	mg/Kg	☼	10/13/25 10:32	10/14/25 00:10	1

Client: Haley & Aldrich, Inc.
Project/Site: Former Port Mobil

Job ID: 460-337049-1

Client Sample ID: 52D_0-4
Date Collected: 10/10/25 12:45
Date Received: 10/10/25 17:30

Lab Sample ID: 460-337049-7
Matrix: Solid
Percent Solids: 94.6

Method: SW846 8270E - Semivolatile Organic Compounds (GC/MS) (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Di-n-butyl phthalate	**0.017**	**J**	0.35	0.013	mg/Kg	☼	10/13/25 10:32	10/14/25 00:10	1
Di-n-octyl phthalate	0.35	U	0.35	0.018	mg/Kg	☼	10/13/25 10:32	10/14/25 00:10	1
Fluoranthene	**0.053**	**J**	0.35	0.012	mg/Kg	☼	10/13/25 10:32	10/14/25 00:10	1
Fluorene	0.35	U	0.35	0.010	mg/Kg	☼	10/13/25 10:32	10/14/25 00:10	1
Hexachlorobenzene	0.035	U	0.035	0.017	mg/Kg	☼	10/13/25 10:32	10/14/25 00:10	1
Hexachlorobutadiene	0.071	U	0.071	0.0074	mg/Kg	☼	10/13/25 10:32	10/14/25 00:10	1
Hexachlorocyclopentadiene	0.35	U	0.35	0.031	mg/Kg	☼	10/13/25 10:32	10/14/25 00:10	1
Hexachloroethane	0.035	U	0.035	0.012	mg/Kg	☼	10/13/25 10:32	10/14/25 00:10	1
Indeno[1,2,3-cd]pyrene	**0.046**		0.035	0.014	mg/Kg	☼	10/13/25 10:32	10/14/25 00:10	1
Isophorone	0.14	U	0.14	0.10	mg/Kg	☼	10/13/25 10:32	10/14/25 00:10	1
Naphthalene	**0.020**	**J**	0.35	0.0060	mg/Kg	☼	10/13/25 10:32	10/14/25 00:10	1
Nitrobenzene	0.035	U	0.035	0.019	mg/Kg	☼	10/13/25 10:32	10/14/25 00:10	1
N-Nitrosodi-n-propylamine	0.035	U	0.035	0.025	mg/Kg	☼	10/13/25 10:32	10/14/25 00:10	1
N-Nitrosodiphenylamine	0.35	U	0.35	0.029	mg/Kg	☼	10/13/25 10:32	10/14/25 00:10	1
Pentachlorophenol	0.28	U	0.28	0.072	mg/Kg	☼	10/13/25 10:32	10/14/25 00:10	1
Phenanthrene	**0.035**	**J**	0.35	0.014	mg/Kg	☼	10/13/25 10:32	10/14/25 00:10	1
Phenol	0.35	U	0.35	0.013	mg/Kg	☼	10/13/25 10:32	10/14/25 00:10	1
Pyrene	**0.062**	**J**	0.35	0.0087	mg/Kg	☼	10/13/25 10:32	10/14/25 00:10	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
2,4,6-Tribromophenol (Surr)	*69*		*18 - 137*	*10/13/25 10:32*	*10/14/25 00:10*	*1*
2-Fluorobiphenyl	*66*		*33 - 117*	*10/13/25 10:32*	*10/14/25 00:10*	*1*
2-Fluorophenol (Surr)	*65*		*24 - 120*	*10/13/25 10:32*	*10/14/25 00:10*	*1*
Nitrobenzene-d5 (Surr)	*60*		*27 - 120*	*10/13/25 10:32*	*10/14/25 00:10*	*1*
Phenol-d5 (Surr)	*63*		*28 - 118*	*10/13/25 10:32*	*10/14/25 00:10*	*1*
Terphenyl-d14 (Surr)	*72*		*33 - 124*	*10/13/25 10:32*	*10/14/25 00:10*	*1*

Method: SW846 8081B - Organochlorine Pesticides (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
4,4'-DDD	0.0070	U	0.0070	0.0012	mg/Kg	☼	10/13/25 06:39	10/15/25 05:46	1
4,4'-DDE	0.0070	U	0.0070	0.00083	mg/Kg	☼	10/13/25 06:39	10/15/25 05:46	1
4,4'-DDT	**0.0025**	**J**	0.0070	0.0013	mg/Kg	☼	10/13/25 06:39	10/15/25 05:46	1
Aldrin	0.0070	U	0.0070	0.0011	mg/Kg	☼	10/13/25 06:39	10/15/25 05:46	1
alpha-BHC	0.0021	U	0.0021	0.00071	mg/Kg	☼	10/13/25 06:39	10/15/25 05:46	1
beta-BHC	0.0021	U	0.0021	0.00079	mg/Kg	☼	10/13/25 06:39	10/15/25 05:46	1
Chlordane (technical)	0.070	U	0.070	0.017	mg/Kg	☼	10/13/25 06:39	10/15/25 05:46	1
cis-Chlordane	0.0070	U	0.0070	0.0011	mg/Kg	☼	10/13/25 06:39	10/15/25 05:46	1
delta-BHC	0.0021	U	0.0021	0.00043	mg/Kg	☼	10/13/25 06:39	10/15/25 05:46	1
Dieldrin	0.0021	U	0.0021	0.00091	mg/Kg	☼	10/13/25 06:39	10/15/25 05:46	1
Endosulfan I	0.0070	U	0.0070	0.0011	mg/Kg	☼	10/13/25 06:39	10/15/25 05:46	1
Endosulfan II	0.0070	U	0.0070	0.0018	mg/Kg	☼	10/13/25 06:39	10/15/25 05:46	1
Endosulfan sulfate	0.0070	U	0.0070	0.00088	mg/Kg	☼	10/13/25 06:39	10/15/25 05:46	1
Endrin	0.0070	U	0.0070	0.0010	mg/Kg	☼	10/13/25 06:39	10/15/25 05:46	1
Endrin aldehyde	0.0070	U	0.0070	0.0017	mg/Kg	☼	10/13/25 06:39	10/15/25 05:46	1
Endrin ketone	0.0070	U	0.0070	0.0014	mg/Kg	☼	10/13/25 06:39	10/15/25 05:46	1
gamma-BHC (Lindane)	0.0021	U	0.0021	0.00065	mg/Kg	☼	10/13/25 06:39	10/15/25 05:46	1
Heptachlor	0.0070	U	0.0070	0.00083	mg/Kg	☼	10/13/25 06:39	10/15/25 05:46	1
Heptachlor epoxide	0.0070	U	0.0070	0.0010	mg/Kg	☼	10/13/25 06:39	10/15/25 05:46	1
Methoxychlor	0.0070	U	0.0070	0.0016	mg/Kg	☼	10/13/25 06:39	10/15/25 05:46	1
Toxaphene	0.070	U	0.070	0.025	mg/Kg	☼	10/13/25 06:39	10/15/25 05:46	1

Client Sample ID: 52D_0-4

Date Collected: 10/10/25 12:45
Date Received: 10/10/25 17:30

Lab Sample ID: 460-337049-7

Matrix: Solid
Percent Solids: 94.6

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
DCB Decachlorobiphenyl	*89*		*10 - 150*	*10/13/25 06:39*	*10/15/25 05:46*	*1*
DCB Decachlorobiphenyl	*89*		*10 - 150*	*10/13/25 06:39*	*10/15/25 05:46*	*1*
Tetrachloro-m-xylene	*111*		*14 - 150*	*10/13/25 06:39*	*10/15/25 05:46*	*1*
Tetrachloro-m-xylene	*112*		*14 - 150*	*10/13/25 06:39*	*10/15/25 05:46*	*1*

Method: SW846 8082A - Polychlorinated Biphenyls (PCBs) by Gas Chromatography

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Aroclor 1016	0.070	U	0.070	0.019	mg/Kg	☼	10/13/25 06:42	10/14/25 23:15	1
Aroclor 1221	0.070	U	0.070	0.019	mg/Kg	☼	10/13/25 06:42	10/14/25 23:15	1
Aroclor 1232	0.070	U	0.070	0.019	mg/Kg	☼	10/13/25 06:42	10/14/25 23:15	1
Aroclor 1242	0.070	U	0.070	0.019	mg/Kg	☼	10/13/25 06:42	10/14/25 23:15	1
Aroclor 1248	0.070	U	0.070	0.019	mg/Kg	☼	10/13/25 06:42	10/14/25 23:15	1
Aroclor 1254	0.070	U	0.070	0.019	mg/Kg	☼	10/13/25 06:42	10/14/25 23:15	1
Aroclor 1260	0.070	U	0.070	0.019	mg/Kg	☼	10/13/25 06:42	10/14/25 23:15	1
Aroclor-1262	0.070	U	0.070	0.019	mg/Kg	☼	10/13/25 06:42	10/14/25 23:15	1
Aroclor 1268	0.070	U	0.070	0.019	mg/Kg	☼	10/13/25 06:42	10/14/25 23:15	1
Polychlorinated biphenyls, Total	0.070	U	0.070	0.019	mg/Kg	☼	10/13/25 06:42	10/14/25 23:15	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
DCB Decachlorobiphenyl	*99*		*10 - 150*	*10/13/25 06:42*	*10/14/25 23:15*	*1*
DCB Decachlorobiphenyl	*96*		*10 - 150*	*10/13/25 06:42*	*10/14/25 23:15*	*1*
Tetrachloro-m-xylene	*122*		*10 - 150*	*10/13/25 06:42*	*10/14/25 23:15*	*1*
Tetrachloro-m-xylene	*126*		*10 - 150*	*10/13/25 06:42*	*10/14/25 23:15*	*1*

Method: EPA 1633A - Per- and Polyfluoroalkyl Substances by LC/MS/MS, 1633A

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Perfluorobutanoic acid (PFBA)	0.39	U	0.39	0.097	ug/Kg	☼	10/15/25 14:09	10/17/25 00:59	1
Perfluoropentanoic acid (PFPeA)	0.19	U	0.19	0.097	ug/Kg	☼	10/15/25 14:09	10/17/25 00:59	1
Perfluorohexanoic acid (PFHxA)	0.19	U	0.19	0.097	ug/Kg	☼	10/15/25 14:09	10/17/25 00:59	1
Perfluoroheptanoic acid (PFHpA)	0.19	U	0.19	0.097	ug/Kg	☼	10/15/25 14:09	10/17/25 00:59	1
Perfluorooctanoic acid (PFOA)	0.12	U	0.12	0.12	ug/Kg	☼	10/15/25 14:09	10/17/25 00:59	1
Perfluorononanoic acid (PFNA)	**0.11**	**J**	0.19	0.097	ug/Kg	☼	10/15/25 14:09	10/17/25 00:59	1
Perfluorodecanoic acid (PFDA)	0.12	U	0.12	0.12	ug/Kg	☼	10/15/25 14:09	10/17/25 00:59	1
Perfluoroundecanoic acid (PFUnA)	**0.80**		0.19	0.097	ug/Kg	☼	10/15/25 14:09	10/17/25 00:59	1
Perfluorododecanoic acid (PFDoA)	**0.15**	**J**	0.19	0.097	ug/Kg	☼	10/15/25 14:09	10/17/25 00:59	1
Perfluorotridecanoic acid (PFTrDA)	0.19	U	0.19	0.097	ug/Kg	☼	10/15/25 14:09	10/17/25 00:59	1
Perfluorotetradecanoic acid (PFTeDA)	0.19	U	0.19	0.097	ug/Kg	☼	10/15/25 14:09	10/17/25 00:59	1
Perfluorobutanesulfonic acid (PFBS)	0.19	U	0.19	0.097	ug/Kg	☼	10/15/25 14:09	10/17/25 00:59	1
Perfluoropentanesulfonic acid (PFPeS)	0.19	U	0.19	0.097	ug/Kg	☼	10/15/25 14:09	10/17/25 00:59	1
Perfluorohexanesulfonic acid (PFHxS)	0.19	U	0.19	0.097	ug/Kg	☼	10/15/25 14:09	10/17/25 00:59	1
Perfluoroheptanesulfonic acid (PFHpS)	0.19	U	0.19	0.097	ug/Kg	☼	10/15/25 14:09	10/17/25 00:59	1
Perfluorooctanesulfonic acid (PFOS)	0.19	U	0.19	0.097	ug/Kg	☼	10/15/25 14:09	10/17/25 00:59	1
Perfluorononanesulfonic acid (PFNS)	0.19	U	0.19	0.097	ug/Kg	☼	10/15/25 14:09	10/17/25 00:59	1
Perfluorodecanesulfonic acid (PFDS)	0.19	U	0.19	0.097	ug/Kg	☼	10/15/25 14:09	10/17/25 00:59	1
Perfluorododecanesulfonic acid (PFDoS)	0.19	U	0.19	0.097	ug/Kg	☼	10/15/25 14:09	10/17/25 00:59	1
1H,1H,2H,2H-Perfluorohexane sulfonic acid (4:2 FTS)	0.39	U	0.39	0.19	ug/Kg	☼	10/15/25 14:09	10/17/25 00:59	1

Client Sample ID: 52D_0-4
Date Collected: 10/10/25 12:45
Date Received: 10/10/25 17:30

Lab Sample ID: 460-337049-7
Matrix: Solid
Percent Solids: 94.6

Method: EPA 1633A - Per- and Polyfluoroalkyl Substances by LC/MS/MS, 1633A (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1H,1H,2H,2H-Perfluorooctane sulfonic acid (6:2 FTS)	0.39	U	0.39	0.19	ug/Kg	☼	10/15/25 14:09	10/17/25 00:59	1
1H,1H,2H,2H-Perfluorodecane sulfonic acid (8:2 FTS)	0.39	U	0.39	0.19	ug/Kg	☼	10/15/25 14:09	10/17/25 00:59	1
Perfluorooctanesulfonamide (PFOSA)	0.19	U	0.19	0.097	ug/Kg	☼	10/15/25 14:09	10/17/25 00:59	1
N-methylperfluorooctane sulfonamide (NMeFOSA)	0.19	U	0.19	0.097	ug/Kg	☼	10/15/25 14:09	10/17/25 00:59	1
N-ethylperfluorooctane sulfonamide (NEtFOSA)	0.19	U	0.19	0.097	ug/Kg	☼	10/15/25 14:09	10/17/25 00:59	1
N-methylperfluorooctanesulfonamidoacetic acid (NMeFOSAA)	0.19	U	0.19	0.097	ug/Kg	☼	10/15/25 14:09	10/17/25 00:59	1
N-ethylperfluorooctanesulfonamidoacetic acid (NEtFOSAA)	0.19	U	0.19	0.097	ug/Kg	☼	10/15/25 14:09	10/17/25 00:59	1
N-methylperfluorooctane sulfonamidoethanol (NMeFOSE)	0.97	U	0.97	0.49	ug/Kg	☼	10/15/25 14:09	10/17/25 00:59	1
N-ethylperfluorooctane sulfonamidoethanol (NEtFOSE)	0.97	U	0.97	0.49	ug/Kg	☼	10/15/25 14:09	10/17/25 00:59	1
Hexafluoropropylene Oxide Dimer Acid (HFPO-DA)	0.19	U	0.19	0.097	ug/Kg	☼	10/15/25 14:09	10/17/25 00:59	1
4,8-Dioxa-3H-perfluorononanoic acid (ADONA)	0.19	U	0.19	0.097	ug/Kg	☼	10/15/25 14:09	10/17/25 00:59	1
Perfluoro-3-methoxypropanoic acid (PFMPA)	0.19	U	0.19	0.097	ug/Kg	☼	10/15/25 14:09	10/17/25 00:59	1
Perfluoro-4-methoxybutanoic acid (PFMBA)	0.19	U	0.19	0.097	ug/Kg	☼	10/15/25 14:09	10/17/25 00:59	1
Nonafluoro-3,6-dioxaheptanoic acid (NFDHA)	0.19	U	0.19	0.097	ug/Kg	☼	10/15/25 14:09	10/17/25 00:59	1
9-Chlorohexadecafluoro-3-oxanonane-1-sulfonic acid (9Cl-PF3ONS)	0.19	U	0.19	0.097	ug/Kg	☼	10/15/25 14:09	10/17/25 00:59	1
11-Chloroeicosafluoro-3-oxaundecane-1-sulfonic acid (11Cl-PF3OUdS)	0.19	U	0.19	0.097	ug/Kg	☼	10/15/25 14:09	10/17/25 00:59	1
Perfluoro (2-ethoxyethane) sulfonic acid (PFEESA)	0.19	U	0.19	0.097	ug/Kg	☼	10/15/25 14:09	10/17/25 00:59	1
3-Perfluoropropylpropanoic acid (3:3 FTCA)	0.39	U	0.39	0.19	ug/Kg	☼	10/15/25 14:09	10/17/25 00:59	1
3-Perfluoropentylpropanoic acid (5:3 FTCA)	0.97	U	0.97	0.49	ug/Kg	☼	10/15/25 14:09	10/17/25 00:59	1
3-Perfluoroheptylpropanoic acid (7:3 FTCA)	0.97	U	0.97	0.49	ug/Kg	☼	10/15/25 14:09	10/17/25 00:59	1

Isotope Dilution	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
13C4 PFBA	*94.4*		*8 - 130*	*10/15/25 14:09*	*10/17/25 00:59*	*1*
13C5 PFPeA	*97.0*		*35 - 130*	*10/15/25 14:09*	*10/17/25 00:59*	*1*
13C5 PFHxA	*103*		*40 - 130*	*10/15/25 14:09*	*10/17/25 00:59*	*1*
13C4 PFHpA	*99.6*		*40 - 130*	*10/15/25 14:09*	*10/17/25 00:59*	*1*
13C8 PFOA	*101*		*40 - 130*	*10/15/25 14:09*	*10/17/25 00:59*	*1*
13C9 PFNA	*101*		*40 - 130*	*10/15/25 14:09*	*10/17/25 00:59*	*1*
13C6 PFDA	*93.5*		*40 - 130*	*10/15/25 14:09*	*10/17/25 00:59*	*1*
13C7 PFUnA	*91.3*		*40 - 130*	*10/15/25 14:09*	*10/17/25 00:59*	*1*
13C2 PFTeDA	*78.8*		*20 - 130*	*10/15/25 14:09*	*10/17/25 00:59*	*1*
13C3 PFBS	*78.0*		*40 - 135*	*10/15/25 14:09*	*10/17/25 00:59*	*1*
13C3 PFHxS	*82.0*		*40 - 130*	*10/15/25 14:09*	*10/17/25 00:59*	*1*
13C8 PFOS	*82.7*		*40 - 130*	*10/15/25 14:09*	*10/17/25 00:59*	*1*
13C8 FOSA	*89.6*		*40 - 130*	*10/15/25 14:09*	*10/17/25 00:59*	*1*
d3-NMeFOSAA	*89.5*		*40 - 135*	*10/15/25 14:09*	*10/17/25 00:59*	*1*

Client Sample ID: 52D_0-4

Date Collected: 10/10/25 12:45
Date Received: 10/10/25 17:30

Lab Sample ID: 460-337049-7

Matrix: Solid
Percent Solids: 94.6

Method: EPA 1633A - Per- and Polyfluoroalkyl Substances by LC/MS/MS, 1633A (Continued)

Isotope Dilution	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
d5-NEtFOSAA	79.0		40 - 150	10/15/25 14:09	10/17/25 00:59	1
13C2 4:2 FTS	110		40 - 165	10/15/25 14:09	10/17/25 00:59	1
13C2 6:2 FTS	106		40 - 215	10/15/25 14:09	10/17/25 00:59	1
13C2 8:2 FTS	157		40 - 275	10/15/25 14:09	10/17/25 00:59	1
13C3 HFPO-DA	102		40 - 130	10/15/25 14:09	10/17/25 00:59	1
d7-N-MeFOSE-M	64.5		20 - 130	10/15/25 14:09	10/17/25 00:59	1
d9-N-EtFOSE-M	58.6		15 - 130	10/15/25 14:09	10/17/25 00:59	1
d5-NEtPFOSA	79.3		10 - 130	10/15/25 14:09	10/17/25 00:59	1
d3-NMePFOSA	83.0		10 - 130	10/15/25 14:09	10/17/25 00:59	1
13C2 PFDoA	89.2		40 - 130	10/15/25 14:09	10/17/25 00:59	1

Method: SW846 6020B - Metals (ICP/MS)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Aluminum	8050		16.0	4.4	mg/Kg	☼	10/17/25 20:20	10/18/25 18:29	1
Antimony	2.7		0.80	0.12	mg/Kg	☼	10/17/25 20:20	10/18/25 18:29	1
Arsenic	7.6		0.80	0.082	mg/Kg	☼	10/17/25 20:20	10/18/25 18:29	1
Barium	61.4		1.6	0.12	mg/Kg	☼	10/17/25 20:20	10/18/25 18:29	1
Beryllium	0.98		0.32	0.018	mg/Kg	☼	10/17/25 20:20	10/18/25 18:29	1
Cadmium	0.42	J	0.80	0.090	mg/Kg	☼	10/17/25 20:20	10/18/25 18:29	1
Calcium	2770		80.1	7.8	mg/Kg	☼	10/17/25 20:20	10/18/25 18:29	1
Chromium	28.9		1.6	0.24	mg/Kg	☼	10/17/25 20:20	10/18/25 18:29	1
Cobalt	8.1		0.80	0.12	mg/Kg	☼	10/17/25 20:20	10/18/25 18:29	1
Copper	73.3		1.6	0.29	mg/Kg	☼	10/17/25 20:20	10/18/25 18:29	1
Iron	20600		48.0	6.1	mg/Kg	☼	10/17/25 20:20	10/18/25 18:29	1
Lead	203		0.48	0.16	mg/Kg	☼	10/17/25 20:20	10/18/25 18:29	1
Magnesium	2840		80.1	8.2	mg/Kg	☼	10/17/25 20:20	10/18/25 18:29	1
Manganese	200		3.2	0.32	mg/Kg	☼	10/17/25 20:20	10/18/25 18:29	1
Nickel	26.2		1.6	0.14	mg/Kg	☼	10/17/25 20:20	10/18/25 18:29	1
Potassium	1150		80.1	13.0	mg/Kg	☼	10/17/25 20:20	10/18/25 18:29	1
Selenium	0.36	J	1.0	0.10	mg/Kg	☼	10/17/25 20:20	10/18/25 18:29	1
Silver	0.37		0.32	0.071	mg/Kg	☼	10/17/25 20:20	10/18/25 18:29	1
Sodium	117		80.1	36.6	mg/Kg	☼	10/17/25 20:20	10/18/25 18:29	1
Thallium	0.091	J	0.32	0.033	mg/Kg	☼	10/17/25 20:20	10/18/25 18:29	1
Vanadium	28.0		1.6	0.16	mg/Kg	☼	10/17/25 20:20	10/18/25 18:29	1
Zinc	244		6.4	0.87	mg/Kg	☼	10/17/25 20:20	10/18/25 18:29	1

Method: SW846 7471B - Mercury (CVAA)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	0.039		0.018	0.0083	mg/Kg	☼	10/22/25 01:14	10/22/25 07:19	1

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Percent Moisture (EPA Moisture)	5.4		1.0	1.0	%			10/13/25 17:10	1
Percent Solids (EPA Moisture)	94.6		1.0	1.0	%			10/13/25 17:10	1

Client: Haley & Aldrich, Inc.
Project/Site: Former Port Mobil

Job ID: 460-337049-1

Client Sample ID: 52D_4-8
Date Collected: 10/10/25 12:50
Date Received: 10/10/25 17:30

Lab Sample ID: 460-337049-8
Matrix: Solid
Percent Solids: 91.7

Method: SW846 8260D - Volatile Organic Compounds by GC/MS

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1-Trichloroethane	0.00099	U	0.00099	0.00023	mg/Kg	☼	10/14/25 13:12	10/15/25 20:07	1
1,1,2,2-Tetrachloroethane	0.00099	U	0.00099	0.00052	mg/Kg	☼	10/14/25 13:12	10/15/25 20:07	1
1,1,2-Trichloro-1,2,2-trifluoroethane	0.00099	U	0.00099	0.00030	mg/Kg	☼	10/14/25 13:12	10/15/25 20:07	1
1,1,2-Trichloroethane	0.00099	U	0.00099	0.00060	mg/Kg	☼	10/14/25 13:12	10/15/25 20:07	1
1,1-Dichloroethane	0.00099	U	0.00099	0.00059	mg/Kg	☼	10/14/25 13:12	10/15/25 20:07	1
1,1-Dichloroethene	0.00099	U	0.00099	0.00022	mg/Kg	☼	10/14/25 13:12	10/15/25 20:07	1
1,2,3-Trichlorobenzene	0.00099	U	0.00099	0.00073	mg/Kg	☼	10/14/25 13:12	10/15/25 20:07	1
1,2,4-Trichlorobenzene	0.00099	U	0.00099	0.00035	mg/Kg	☼	10/14/25 13:12	10/15/25 20:07	1
1,2,4-Trimethylbenzene	0.00099	U	0.00099	0.00024	mg/Kg	☼	10/14/25 13:12	10/15/25 20:07	1
1,2-Dibromo-3-Chloropropane	0.00099	U	0.00099	0.00046	mg/Kg	☼	10/14/25 13:12	10/15/25 20:07	1
1,2-Dichlorobenzene	0.00099	U	0.00099	0.00036	mg/Kg	☼	10/14/25 13:12	10/15/25 20:07	1
1,2-Dichloroethane	0.00099	U	0.00099	0.00029	mg/Kg	☼	10/14/25 13:12	10/15/25 20:07	1
1,2-Dichloropropane	0.00099	U	0.00099	0.00042	mg/Kg	☼	10/14/25 13:12	10/15/25 20:07	1
1,3,5-Trimethylbenzene	0.00099	U	0.00099	0.00031	mg/Kg	☼	10/14/25 13:12	10/15/25 20:07	1
1,3-Dichlorobenzene	0.00099	U	0.00099	0.00036	mg/Kg	☼	10/14/25 13:12	10/15/25 20:07	1
1,4-Dichlorobenzene	0.00099	U	0.00099	0.00051	mg/Kg	☼	10/14/25 13:12	10/15/25 20:07	1
2-Butanone (MEK)	0.0050	U	0.0050	0.00036	mg/Kg	☼	10/14/25 13:12	10/15/25 20:07	1
2-Hexanone	0.0050	U	0.0050	0.0017	mg/Kg	☼	10/14/25 13:12	10/15/25 20:07	1
4-Methyl-2-pentanone (MIBK)	0.0050	U	0.0050	0.0015	mg/Kg	☼	10/14/25 13:12	10/15/25 20:07	1
Acetone	0.0059	U	0.0059	0.0057	mg/Kg	☼	10/14/25 13:12	10/15/25 20:07	1
Benzene	0.00099	U	0.00099	0.00056	mg/Kg	☼	10/14/25 13:12	10/15/25 20:07	1
Bromoform	0.00099	U	0.00099	0.00042	mg/Kg	☼	10/14/25 13:12	10/15/25 20:07	1
Bromomethane	0.0020	U	0.0020	0.00099	mg/Kg	☼	10/14/25 13:12	10/15/25 20:07	1
Carbon disulfide	0.00099	U	0.00099	0.00026	mg/Kg	☼	10/14/25 13:12	10/15/25 20:07	1
Carbon tetrachloride	0.00099	U	0.00099	0.00038	mg/Kg	☼	10/14/25 13:12	10/15/25 20:07	1
Chlorobenzene	0.00099	U	0.00099	0.00050	mg/Kg	☼	10/14/25 13:12	10/15/25 20:07	1
Chlorobromomethane	0.00099	U	0.00099	0.00059	mg/Kg	☼	10/14/25 13:12	10/15/25 20:07	1
Chlorodibromomethane	0.00099	U	0.00099	0.00053	mg/Kg	☼	10/14/25 13:12	10/15/25 20:07	1
Chloroethane	0.00099	U	0.00099	0.00052	mg/Kg	☼	10/14/25 13:12	10/15/25 20:07	1
Chloroform	0.00099	U	0.00099	0.00096	mg/Kg	☼	10/14/25 13:12	10/15/25 20:07	1
Chloromethane	0.00099	U	0.00099	0.00043	mg/Kg	☼	10/14/25 13:12	10/15/25 20:07	1
cis-1,2-Dichloroethene	0.00099	U	0.00099	0.00035	mg/Kg	☼	10/14/25 13:12	10/15/25 20:07	1
cis-1,3-Dichloropropene	0.00099	U	0.00099	0.00027	mg/Kg	☼	10/14/25 13:12	10/15/25 20:07	1
Cyclohexane	0.00099	U	0.00099	0.00022	mg/Kg	☼	10/14/25 13:12	10/15/25 20:07	1
Dichlorobromomethane	0.00099	U	0.00099	0.00025	mg/Kg	☼	10/14/25 13:12	10/15/25 20:07	1
Dichlorodifluoromethane	0.00099	U	0.00099	0.00034	mg/Kg	☼	10/14/25 13:12	10/15/25 20:07	1
Ethylbenzene	0.00099	U	0.00099	0.00046	mg/Kg	☼	10/14/25 13:12	10/15/25 20:07	1
Ethylene Dibromide	0.00099	U	0.00099	0.00050	mg/Kg	☼	10/14/25 13:12	10/15/25 20:07	1
Isopropylbenzene	0.00099	U	0.00099	0.00028	mg/Kg	☼	10/14/25 13:12	10/15/25 20:07	1
Methyl acetate	0.0050	U	0.0050	0.0043	mg/Kg	☼	10/14/25 13:12	10/15/25 20:07	1
Methyl tert-butyl ether	0.00099	U	0.00099	0.00051	mg/Kg	☼	10/14/25 13:12	10/15/25 20:07	1
Methylcyclohexane	0.00099	U	0.00099	0.00049	mg/Kg	☼	10/14/25 13:12	10/15/25 20:07	1
Methylene Chloride	0.0020	U	0.0020	0.0011	mg/Kg	☼	10/14/25 13:12	10/15/25 20:07	1
m-Xylene & p-Xylene	0.00099	U	0.00099	0.00042	mg/Kg	☼	10/14/25 13:12	10/15/25 20:07	1
n-Butylbenzene	0.00099	U	0.00099	0.00029	mg/Kg	☼	10/14/25 13:12	10/15/25 20:07	1
N-Propylbenzene	0.00099	U	0.00099	0.00045	mg/Kg	☼	10/14/25 13:12	10/15/25 20:07	1
o-Xylene	0.00099	U	0.00099	0.00046	mg/Kg	☼	10/14/25 13:12	10/15/25 20:07	1
sec-Butylbenzene	0.00099	U	0.00099	0.00029	mg/Kg	☼	10/14/25 13:12	10/15/25 20:07	1
Styrene	0.00099	U	0.00099	0.00028	mg/Kg	☼	10/14/25 13:12	10/15/25 20:07	1

Client Sample ID: 52D_4-8
Date Collected: 10/10/25 12:50
Date Received: 10/10/25 17:30

Lab Sample ID: 460-337049-8
Matrix: Solid
Percent Solids: 91.7

Method: SW846 8260D - Volatile Organic Compounds by GC/MS (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
tert-Butylbenzene	0.00099	U	0.00099	0.00027	mg/Kg	☼	10/14/25 13:12	10/15/25 20:07	1
Tetrachloroethene	0.00099	U	0.00099	0.00030	mg/Kg	☼	10/14/25 13:12	10/15/25 20:07	1
Toluene	0.00099	U	0.00099	0.00023	mg/Kg	☼	10/14/25 13:12	10/15/25 20:07	1
trans-1,2-Dichloroethene	0.00099	U	0.00099	0.00024	mg/Kg	☼	10/14/25 13:12	10/15/25 20:07	1
trans-1,3-Dichloropropene	0.00099	U	0.00099	0.00026	mg/Kg	☼	10/14/25 13:12	10/15/25 20:07	1
Trichloroethene	0.00099	U	0.00099	0.00032	mg/Kg	☼	10/14/25 13:12	10/15/25 20:07	1
Trichlorofluoromethane	0.00099	U	0.00099	0.00040	mg/Kg	☼	10/14/25 13:12	10/15/25 20:07	1
Vinyl chloride	0.00099	U	0.00099	0.00054	mg/Kg	☼	10/14/25 13:12	10/15/25 20:07	1
Xylenes, Total	0.0020	U	0.0020	0.00017	mg/Kg	☼	10/14/25 13:12	10/15/25 20:07	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,2-Dichloroethane-d4 (Surr)	*117*		*65 - 138*	*10/14/25 13:12*	*10/15/25 20:07*	*1*
4-Bromofluorobenzene	*112*		*71 - 128*	*10/14/25 13:12*	*10/15/25 20:07*	*1*
Dibromofluoromethane (Surr)	*112*		*50 - 150*	*10/14/25 13:12*	*10/15/25 20:07*	*1*
Toluene-d8 (Surr)	*106*		*71 - 126*	*10/14/25 13:12*	*10/15/25 20:07*	*1*

Method: SW846 8270E - Semivolatile Organic Compounds (GC/MS)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1'-Biphenyl	0.36	U	0.36	0.012	mg/Kg	☼	10/13/25 10:32	10/14/25 00:33	1
1,2,4,5-Tetrachlorobenzene	0.36	U	0.36	0.011	mg/Kg	☼	10/13/25 10:32	10/14/25 00:33	1
1,4-Dioxane	0.036	U	0.036	0.031	mg/Kg	☼	10/13/25 10:32	10/14/25 00:33	1
2,2'-oxybis[1-chloropropane]	0.36	U	0.36	0.021	mg/Kg	☼	10/13/25 10:32	10/14/25 00:33	1
2,3,4,6-Tetrachlorophenol	0.36	U	0.36	0.024	mg/Kg	☼	10/13/25 10:32	10/14/25 00:33	1
2,4,5-Trichlorophenol	0.36	U	0.36	0.036	mg/Kg	☼	10/13/25 10:32	10/14/25 00:33	1
2,4,6-Trichlorophenol	0.14	U	0.14	0.046	mg/Kg	☼	10/13/25 10:32	10/14/25 00:33	1
2,4-Dichlorophenol	0.14	U	0.14	0.023	mg/Kg	☼	10/13/25 10:32	10/14/25 00:33	1
2,4-Dimethylphenol	0.36	U	0.36	0.043	mg/Kg	☼	10/13/25 10:32	10/14/25 00:33	1
2,4-Dinitrophenol	0.29	U *	0.29	0.18	mg/Kg	☼	10/13/25 10:32	10/14/25 00:33	1
2,4-Dinitrotoluene	0.072	U	0.072	0.039	mg/Kg	☼	10/13/25 10:32	10/14/25 00:33	1
2,6-Dinitrotoluene	0.072	U	0.072	0.026	mg/Kg	☼	10/13/25 10:32	10/14/25 00:33	1
2-Chloronaphthalene	0.36	U	0.36	0.046	mg/Kg	☼	10/13/25 10:32	10/14/25 00:33	1
2-Chlorophenol	0.36	U	0.36	0.013	mg/Kg	☼	10/13/25 10:32	10/14/25 00:33	1
2-Methylnaphthalene	**0.014**	**J**	0.36	0.010	mg/Kg	☼	10/13/25 10:32	10/14/25 00:33	1
2-Methylphenol	0.36	U	0.36	0.013	mg/Kg	☼	10/13/25 10:32	10/14/25 00:33	1
2-Nitroaniline	0.36	U	0.36	0.027	mg/Kg	☼	10/13/25 10:32	10/14/25 00:33	1
2-Nitrophenol	0.36	U	0.36	0.036	mg/Kg	☼	10/13/25 10:32	10/14/25 00:33	1
3 & 4 Methylphenol	0.36	U	0.36	0.022	mg/Kg	☼	10/13/25 10:32	10/14/25 00:33	1
3,3'-Dichlorobenzidine	0.14	U	0.14	0.054	mg/Kg	☼	10/13/25 10:32	10/14/25 00:33	1
3-Nitroaniline	0.36	U	0.36	0.085	mg/Kg	☼	10/13/25 10:32	10/14/25 00:33	1
4,6-Dinitro-2-methylphenol	0.29	U *	0.29	0.15	mg/Kg	☼	10/13/25 10:32	10/14/25 00:33	1
4-Bromophenyl phenyl ether	0.36	U	0.36	0.014	mg/Kg	☼	10/13/25 10:32	10/14/25 00:33	1
4-Chloro-3-methylphenol	0.36	U	0.36	0.020	mg/Kg	☼	10/13/25 10:32	10/14/25 00:33	1
4-Chloroaniline	0.36	U	0.36	0.064	mg/Kg	☼	10/13/25 10:32	10/14/25 00:33	1
4-Chlorophenyl phenyl ether	0.36	U	0.36	0.013	mg/Kg	☼	10/13/25 10:32	10/14/25 00:33	1
4-Methylphenol	0.36	U	0.36	0.022	mg/Kg	☼	10/13/25 10:32	10/14/25 00:33	1
4-Nitroaniline	0.36	U	0.36	0.091	mg/Kg	☼	10/13/25 10:32	10/14/25 00:33	1
4-Nitrophenol	0.72	U	0.72	0.058	mg/Kg	☼	10/13/25 10:32	10/14/25 00:33	1
Acenaphthene	0.36	U	0.36	0.010	mg/Kg	☼	10/13/25 10:32	10/14/25 00:33	1
Acenaphthylene	0.36	U	0.36	0.010	mg/Kg	☼	10/13/25 10:32	10/14/25 00:33	1
Acetophenone	0.36	U	0.36	0.018	mg/Kg	☼	10/13/25 10:32	10/14/25 00:33	1

Client Sample ID: 52D_4-8
Date Collected: 10/10/25 12:50
Date Received: 10/10/25 17:30

Lab Sample ID: 460-337049-8
Matrix: Solid
Percent Solids: 91.7

Method: SW846 8270E - Semivolatile Organic Compounds (GC/MS) (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Anthracene	0.36	U	0.36	0.011	mg/Kg	☼	10/13/25 10:32	10/14/25 00:33	1
Atrazine	0.14	U	0.14	0.021	mg/Kg	☼	10/13/25 10:32	10/14/25 00:33	1
Benzaldehyde	0.36	U	0.36	0.059	mg/Kg	☼	10/13/25 10:32	10/14/25 00:33	1
Benzo[a]anthracene	0.036	U	0.036	0.027	mg/Kg	☼	10/13/25 10:32	10/14/25 00:33	1
Benzo[a]pyrene	**0.014**	**J**	0.036	0.0095	mg/Kg	☼	10/13/25 10:32	10/14/25 00:33	1
Benzo[b]fluoranthene	**0.023**	**J**	0.036	0.0093	mg/Kg	☼	10/13/25 10:32	10/14/25 00:33	1
Benzo[g,h,i]perylene	**0.017**	**J**	0.36	0.011	mg/Kg	☼	10/13/25 10:32	10/14/25 00:33	1
Benzo[k]fluoranthene	0.036	U	0.036	0.0070	mg/Kg	☼	10/13/25 10:32	10/14/25 00:33	1
Bis(2-chloroethoxy)methane	0.36	U	0.36	0.066	mg/Kg	☼	10/13/25 10:32	10/14/25 00:33	1
Bis(2-chloroethyl)ether	0.036	U	0.036	0.012	mg/Kg	☼	10/13/25 10:32	10/14/25 00:33	1
Bis(2-ethylhexyl) phthalate	0.36	U	0.36	0.019	mg/Kg	☼	10/13/25 10:32	10/14/25 00:33	1
Butyl benzyl phthalate	0.36	U	0.36	0.017	mg/Kg	☼	10/13/25 10:32	10/14/25 00:33	1
Caprolactam	0.36	U	0.36	0.056	mg/Kg	☼	10/13/25 10:32	10/14/25 00:33	1
Carbazole	0.36	U	0.36	0.014	mg/Kg	☼	10/13/25 10:32	10/14/25 00:33	1
Chrysene	**0.018**	**J**	0.36	0.015	mg/Kg	☼	10/13/25 10:32	10/14/25 00:33	1
Dibenz(a,h)anthracene	0.036	U	0.036	0.015	mg/Kg	☼	10/13/25 10:32	10/14/25 00:33	1
Dibenzofuran	0.36	U	0.36	0.012	mg/Kg	☼	10/13/25 10:32	10/14/25 00:33	1
Diethyl phthalate	0.36	U	0.36	0.012	mg/Kg	☼	10/13/25 10:32	10/14/25 00:33	1
Dimethyl phthalate	0.36	U	0.36	0.081	mg/Kg	☼	10/13/25 10:32	10/14/25 00:33	1
Di-n-butyl phthalate	**0.018**	**J**	0.36	0.013	mg/Kg	☼	10/13/25 10:32	10/14/25 00:33	1
Di-n-octyl phthalate	0.36	U	0.36	0.019	mg/Kg	☼	10/13/25 10:32	10/14/25 00:33	1
Fluoranthene	**0.018**	**J**	0.36	0.013	mg/Kg	☼	10/13/25 10:32	10/14/25 00:33	1
Fluorene	0.36	U	0.36	0.010	mg/Kg	☼	10/13/25 10:32	10/14/25 00:33	1
Hexachlorobenzene	0.036	U	0.036	0.017	mg/Kg	☼	10/13/25 10:32	10/14/25 00:33	1
Hexachlorobutadiene	0.072	U	0.072	0.0076	mg/Kg	☼	10/13/25 10:32	10/14/25 00:33	1
Hexachlorocyclopentadiene	0.36	U	0.36	0.031	mg/Kg	☼	10/13/25 10:32	10/14/25 00:33	1
Hexachloroethane	0.036	U	0.036	0.012	mg/Kg	☼	10/13/25 10:32	10/14/25 00:33	1
Indeno[1,2,3-cd]pyrene	**0.015**	**J**	0.036	0.014	mg/Kg	☼	10/13/25 10:32	10/14/25 00:33	1
Isophorone	0.14	U	0.14	0.10	mg/Kg	☼	10/13/25 10:32	10/14/25 00:33	1
Naphthalene	**0.011**	**J**	0.36	0.0062	mg/Kg	☼	10/13/25 10:32	10/14/25 00:33	1
Nitrobenzene	0.036	U	0.036	0.020	mg/Kg	☼	10/13/25 10:32	10/14/25 00:33	1
N-Nitrosodi-n-propylamine	0.036	U	0.036	0.026	mg/Kg	☼	10/13/25 10:32	10/14/25 00:33	1
N-Nitrosodiphenylamine	0.36	U	0.36	0.029	mg/Kg	☼	10/13/25 10:32	10/14/25 00:33	1
Pentachlorophenol	0.29	U	0.29	0.073	mg/Kg	☼	10/13/25 10:32	10/14/25 00:33	1
Phenanthrene	**0.015**	**J**	0.36	0.015	mg/Kg	☼	10/13/25 10:32	10/14/25 00:33	1
Phenol	0.36	U	0.36	0.013	mg/Kg	☼	10/13/25 10:32	10/14/25 00:33	1
Pyrene	**0.020**	**J**	0.36	0.0089	mg/Kg	☼	10/13/25 10:32	10/14/25 00:33	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
2,4,6-Tribromophenol (Surr)	*78*		*18 - 137*	*10/13/25 10:32*	*10/14/25 00:33*	*1*
2-Fluorobiphenyl	*72*		*33 - 117*	*10/13/25 10:32*	*10/14/25 00:33*	*1*
2-Fluorophenol (Surr)	*68*		*24 - 120*	*10/13/25 10:32*	*10/14/25 00:33*	*1*
Nitrobenzene-d5 (Surr)	*63*		*27 - 120*	*10/13/25 10:32*	*10/14/25 00:33*	*1*
Phenol-d5 (Surr)	*66*		*28 - 118*	*10/13/25 10:32*	*10/14/25 00:33*	*1*
Terphenyl-d14 (Surr)	*80*		*33 - 124*	*10/13/25 10:32*	*10/14/25 00:33*	*1*

Method: SW846 8081B - Organochlorine Pesticides (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
4,4'-DDD	0.0073	U	0.0073	0.0012	mg/Kg	☼	10/13/25 06:39	10/15/25 06:02	1
4,4'-DDE	0.0073	U	0.0073	0.00086	mg/Kg	☼	10/13/25 06:39	10/15/25 06:02	1

Client Sample ID: 52D_4-8
Date Collected: 10/10/25 12:50
Date Received: 10/10/25 17:30

Lab Sample ID: 460-337049-8
Matrix: Solid
Percent Solids: 91.7

Method: SW846 8081B - Organochlorine Pesticides (GC) (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
4,4'-DDT	0.0073	U	0.0073	0.0013	mg/Kg	☼	10/13/25 06:39	10/15/25 06:02	1
Aldrin	0.0073	U	0.0073	0.0011	mg/Kg	☼	10/13/25 06:39	10/15/25 06:02	1
alpha-BHC	0.0022	U	0.0022	0.00074	mg/Kg	☼	10/13/25 06:39	10/15/25 06:02	1
beta-BHC	0.0022	U	0.0022	0.00082	mg/Kg	☼	10/13/25 06:39	10/15/25 06:02	1
Chlordane (technical)	0.073	U	0.073	0.018	mg/Kg	☼	10/13/25 06:39	10/15/25 06:02	1
cis-Chlordane	0.0073	U	0.0073	0.0012	mg/Kg	☼	10/13/25 06:39	10/15/25 06:02	1
delta-BHC	0.0022	U	0.0022	0.00045	mg/Kg	☼	10/13/25 06:39	10/15/25 06:02	1
Dieldrin	0.0022	U	0.0022	0.00095	mg/Kg	☼	10/13/25 06:39	10/15/25 06:02	1
Endosulfan I	0.0073	U	0.0073	0.0011	mg/Kg	☼	10/13/25 06:39	10/15/25 06:02	1
Endosulfan II	0.0073	U	0.0073	0.0019	mg/Kg	☼	10/13/25 06:39	10/15/25 06:02	1
Endosulfan sulfate	0.0073	U	0.0073	0.00092	mg/Kg	☼	10/13/25 06:39	10/15/25 06:02	1
Endrin	0.0073	U	0.0073	0.0010	mg/Kg	☼	10/13/25 06:39	10/15/25 06:02	1
Endrin aldehyde	0.0073	U	0.0073	0.0017	mg/Kg	☼	10/13/25 06:39	10/15/25 06:02	1
Endrin ketone	0.0073	U	0.0073	0.0014	mg/Kg	☼	10/13/25 06:39	10/15/25 06:02	1
gamma-BHC (Lindane)	0.0022	U	0.0022	0.00068	mg/Kg	☼	10/13/25 06:39	10/15/25 06:02	1
Heptachlor	0.0073	U	0.0073	0.00086	mg/Kg	☼	10/13/25 06:39	10/15/25 06:02	1
Heptachlor epoxide	0.0073	U	0.0073	0.0011	mg/Kg	☼	10/13/25 06:39	10/15/25 06:02	1
Methoxychlor	0.0073	U	0.0073	0.0017	mg/Kg	☼	10/13/25 06:39	10/15/25 06:02	1
Toxaphene	0.073	U	0.073	0.026	mg/Kg	☼	10/13/25 06:39	10/15/25 06:02	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
DCB Decachlorobiphenyl	*87*		*10 - 150*	*10/13/25 06:39*	*10/15/25 06:02*	*1*
DCB Decachlorobiphenyl	*92*		*10 - 150*	*10/13/25 06:39*	*10/15/25 06:02*	*1*
Tetrachloro-m-xylene	*111*		*14 - 150*	*10/13/25 06:39*	*10/15/25 06:02*	*1*
Tetrachloro-m-xylene	*116*		*14 - 150*	*10/13/25 06:39*	*10/15/25 06:02*	*1*

Method: SW846 8082A - Polychlorinated Biphenyls (PCBs) by Gas Chromatography

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Aroclor 1016	0.073	U	0.073	0.019	mg/Kg	☼	10/13/25 06:42	10/14/25 21:52	1
Aroclor 1221	0.073	U	0.073	0.019	mg/Kg	☼	10/13/25 06:42	10/14/25 21:52	1
Aroclor 1232	0.073	U	0.073	0.019	mg/Kg	☼	10/13/25 06:42	10/14/25 21:52	1
Aroclor 1242	0.073	U	0.073	0.019	mg/Kg	☼	10/13/25 06:42	10/14/25 21:52	1
Aroclor 1248	0.073	U	0.073	0.019	mg/Kg	☼	10/13/25 06:42	10/14/25 21:52	1
Aroclor 1254	0.073	U	0.073	0.019	mg/Kg	☼	10/13/25 06:42	10/14/25 21:52	1
Aroclor 1260	**0.093**		0.073	0.019	mg/Kg	☼	10/13/25 06:42	10/14/25 21:52	1
Aroclor-1262	0.073	U	0.073	0.019	mg/Kg	☼	10/13/25 06:42	10/14/25 21:52	1
Aroclor 1268	0.073	U	0.073	0.019	mg/Kg	☼	10/13/25 06:42	10/14/25 21:52	1
Polychlorinated biphenyls, Total	**0.093**		0.073	0.019	mg/Kg	☼	10/13/25 06:42	10/14/25 21:52	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
DCB Decachlorobiphenyl	*100*		*10 - 150*	*10/13/25 06:42*	*10/14/25 21:52*	*1*
DCB Decachlorobiphenyl	*98*		*10 - 150*	*10/13/25 06:42*	*10/14/25 21:52*	*1*
Tetrachloro-m-xylene	*127*		*10 - 150*	*10/13/25 06:42*	*10/14/25 21:52*	*1*
Tetrachloro-m-xylene	*131*		*10 - 150*	*10/13/25 06:42*	*10/14/25 21:52*	*1*

Method: EPA 1633A - Per- and Polyfluoroalkyl Substances by LC/MS/MS, 1633A

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Perfluorobutanoic acid (PFBA)	0.38	U	0.38	0.096	ug/Kg	☼	10/15/25 14:09	10/17/25 01:13	1
Perfluoropentanoic acid (PFPeA)	0.19	U	0.19	0.096	ug/Kg	☼	10/15/25 14:09	10/17/25 01:13	1
Perfluorohexanoic acid (PFHxA)	0.19	U	0.19	0.096	ug/Kg	☼	10/15/25 14:09	10/17/25 01:13	1

Client: Haley & Aldrich, Inc.
Project/Site: Former Port Mobil

Job ID: 460-337049-1

Client Sample ID: 52D_4-8
Date Collected: 10/10/25 12:50
Date Received: 10/10/25 17:30

Lab Sample ID: 460-337049-8
Matrix: Solid
Percent Solids: 91.7

Method: EPA 1633A - Per- and Polyfluoroalkyl Substances by LC/MS/MS, 1633A (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Perfluoroheptanoic acid (PFHpA)	0.19	U	0.19	0.096	ug/Kg	☼	10/15/25 14:09	10/17/25 01:13	1
Perfluorooctanoic acid (PFOA)	**0.082**	**J**	0.19	0.057	ug/Kg	☼	10/15/25 14:09	10/17/25 01:13	1
Perfluorononanoic acid (PFNA)	**0.19**		0.19	0.096	ug/Kg	☼	10/15/25 14:09	10/17/25 01:13	1
Perfluorodecanoic acid (PFDA)	**0.16**	**J**	0.19	0.057	ug/Kg	☼	10/15/25 14:09	10/17/25 01:13	1
Perfluoroundecanoic acid (PFUnA)	**1.03**		0.19	0.096	ug/Kg	☼	10/15/25 14:09	10/17/25 01:13	1
Perfluorododecanoic acid (PFDoA)	**0.15**	**J**	0.19	0.096	ug/Kg	☼	10/15/25 14:09	10/17/25 01:13	1
Perfluorotridecanoic acid (PFTrDA)	0.19	U	0.19	0.096	ug/Kg	☼	10/15/25 14:09	10/17/25 01:13	1
Perfluorotetradecanoic acid (PFTeDA)	0.19	U	0.19	0.096	ug/Kg	☼	10/15/25 14:09	10/17/25 01:13	1
Perfluorobutanesulfonic acid (PFBS)	0.19	U	0.19	0.096	ug/Kg	☼	10/15/25 14:09	10/17/25 01:13	1
Perfluoropentanesulfonic acid (PFPeS)	0.19	U	0.19	0.096	ug/Kg	☼	10/15/25 14:09	10/17/25 01:13	1
Perfluorohexanesulfonic acid (PFHxS)	0.19	U	0.19	0.096	ug/Kg	☼	10/15/25 14:09	10/17/25 01:13	1
Perfluoroheptanesulfonic acid (PFHpS)	0.19	U	0.19	0.096	ug/Kg	☼	10/15/25 14:09	10/17/25 01:13	1
Perfluorooctanesulfonic acid (PFOS)	0.19	U	0.19	0.096	ug/Kg	☼	10/15/25 14:09	10/17/25 01:13	1
Perfluorononanesulfonic acid (PFNS)	0.19	U	0.19	0.096	ug/Kg	☼	10/15/25 14:09	10/17/25 01:13	1
Perfluorodecanesulfonic acid (PFDS)	0.19	U	0.19	0.096	ug/Kg	☼	10/15/25 14:09	10/17/25 01:13	1
Perfluorododecanesulfonic acid (PFDoS)	0.19	U	0.19	0.096	ug/Kg	☼	10/15/25 14:09	10/17/25 01:13	1
1H,1H,2H,2H-Perfluorohexane sulfonic acid (4:2 FTS)	0.38	U	0.38	0.19	ug/Kg	☼	10/15/25 14:09	10/17/25 01:13	1
1H,1H,2H,2H-Perfluorooctane sulfonic acid (6:2 FTS)	0.38	U	0.38	0.19	ug/Kg	☼	10/15/25 14:09	10/17/25 01:13	1
1H,1H,2H,2H-Perfluorodecane sulfonic acid (8:2 FTS)	0.38	U	0.38	0.19	ug/Kg	☼	10/15/25 14:09	10/17/25 01:13	1
Perfluorooctanesulfonamide (PFOSA)	0.19	U	0.19	0.096	ug/Kg	☼	10/15/25 14:09	10/17/25 01:13	1
N-methylperfluorooctane sulfonamide (NMeFOSA)	0.19	U	0.19	0.096	ug/Kg	☼	10/15/25 14:09	10/17/25 01:13	1
N-ethylperfluorooctane sulfonamide (NEtFOSA)	0.19	U	0.19	0.096	ug/Kg	☼	10/15/25 14:09	10/17/25 01:13	1
N-methylperfluorooctanesulfonamidoacetic acid (NMeFOSAA)	0.19	U	0.19	0.096	ug/Kg	☼	10/15/25 14:09	10/17/25 01:13	1
N-ethylperfluorooctanesulfonamidoacetic acid (NEtFOSAA)	0.19	U	0.19	0.096	ug/Kg	☼	10/15/25 14:09	10/17/25 01:13	1
N-methylperfluorooctane sulfonamidoethanol (NMeFOSE)	0.96	U	0.96	0.48	ug/Kg	☼	10/15/25 14:09	10/17/25 01:13	1
N-ethylperfluorooctane sulfonamidoethanol (NEtFOSE)	0.96	U	0.96	0.48	ug/Kg	☼	10/15/25 14:09	10/17/25 01:13	1
Hexafluoropropylene Oxide Dimer Acid (HFPO-DA)	0.19	U	0.19	0.096	ug/Kg	☼	10/15/25 14:09	10/17/25 01:13	1
4,8-Dioxa-3H-perfluorononanoic acid (ADONA)	0.19	U	0.19	0.096	ug/Kg	☼	10/15/25 14:09	10/17/25 01:13	1
Perfluoro-3-methoxypropanoic acid (PFMPA)	0.19	U	0.19	0.096	ug/Kg	☼	10/15/25 14:09	10/17/25 01:13	1
Perfluoro-4-methoxybutanoic acid (PFMBA)	0.19	U	0.19	0.096	ug/Kg	☼	10/15/25 14:09	10/17/25 01:13	1
Nonafluoro-3,6-dioxaheptanoic acid (NFDHA)	0.19	U	0.19	0.096	ug/Kg	☼	10/15/25 14:09	10/17/25 01:13	1
9-Chlorohexadecafluoro-3-oxanonane-1-sulfonic acid (9Cl-PF3ONS)	0.19	U	0.19	0.096	ug/Kg	☼	10/15/25 14:09	10/17/25 01:13	1
11-Chloroeicosafluoro-3-oxaundecane-1-sulfonic acid (11Cl-PF3OUdS)	0.19	U	0.19	0.096	ug/Kg	☼	10/15/25 14:09	10/17/25 01:13	1

Client Sample ID: 52D_4-8
Date Collected: 10/10/25 12:50
Date Received: 10/10/25 17:30

Lab Sample ID: 460-337049-8
Matrix: Solid
Percent Solids: 91.7

Method: EPA 1633A - Per- and Polyfluoroalkyl Substances by LC/MS/MS, 1633A (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Perfluoro (2-ethoxyethane) sulfonic acid (PFEESA)	0.19	U	0.19	0.096	ug/Kg	☼	10/15/25 14:09	10/17/25 01:13	1
3-Perfluoropropylpropanoic acid (3:3 FTCA)	0.38	U	0.38	0.19	ug/Kg	☼	10/15/25 14:09	10/17/25 01:13	1
3-Perfluoropentylpropanoic acid (5:3 FTCA)	0.96	U	0.96	0.48	ug/Kg	☼	10/15/25 14:09	10/17/25 01:13	1
3-Perfluoroheptylpropanoic acid (7:3 FTCA)	0.96	U	0.96	0.48	ug/Kg	☼	10/15/25 14:09	10/17/25 01:13	1

Isotope Dilution	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
13C4 PFBA	*89.2*		*8 - 130*	*10/15/25 14:09*	*10/17/25 01:13*	*1*
13C5 PFPeA	*86.4*		*35 - 130*	*10/15/25 14:09*	*10/17/25 01:13*	*1*
13C5 PFHxA	*92.1*		*40 - 130*	*10/15/25 14:09*	*10/17/25 01:13*	*1*
13C4 PFHpA	*89.5*		*40 - 130*	*10/15/25 14:09*	*10/17/25 01:13*	*1*
13C8 PFOA	*97.1*		*40 - 130*	*10/15/25 14:09*	*10/17/25 01:13*	*1*
13C9 PFNA	*95.6*		*40 - 130*	*10/15/25 14:09*	*10/17/25 01:13*	*1*
13C6 PFDA	*88.9*		*40 - 130*	*10/15/25 14:09*	*10/17/25 01:13*	*1*
13C7 PFUnA	*90.0*		*40 - 130*	*10/15/25 14:09*	*10/17/25 01:13*	*1*
13C2 PFTeDA	*77.8*		*20 - 130*	*10/15/25 14:09*	*10/17/25 01:13*	*1*
13C3 PFBS	*78.4*		*40 - 135*	*10/15/25 14:09*	*10/17/25 01:13*	*1*
13C3 PFHxS	*81.6*		*40 - 130*	*10/15/25 14:09*	*10/17/25 01:13*	*1*
13C8 PFOS	*79.8*		*40 - 130*	*10/15/25 14:09*	*10/17/25 01:13*	*1*
13C8 FOSA	*85.9*		*40 - 130*	*10/15/25 14:09*	*10/17/25 01:13*	*1*
d3-NMeFOSAA	*81.0*		*40 - 135*	*10/15/25 14:09*	*10/17/25 01:13*	*1*
d5-NEtFOSAA	*77.1*		*40 - 150*	*10/15/25 14:09*	*10/17/25 01:13*	*1*
13C2 4:2 FTS	*114*		*40 - 165*	*10/15/25 14:09*	*10/17/25 01:13*	*1*
13C2 6:2 FTS	*123*		*40 - 215*	*10/15/25 14:09*	*10/17/25 01:13*	*1*
13C2 8:2 FTS	*140*		*40 - 275*	*10/15/25 14:09*	*10/17/25 01:13*	*1*
13C3 HFPO-DA	*90.8*		*40 - 130*	*10/15/25 14:09*	*10/17/25 01:13*	*1*
d7-N-MeFOSE-M	*58.1*		*20 - 130*	*10/15/25 14:09*	*10/17/25 01:13*	*1*
d9-N-EtFOSE-M	*54.9*		*15 - 130*	*10/15/25 14:09*	*10/17/25 01:13*	*1*
d5-NEtPFOSA	*77.9*		*10 - 130*	*10/15/25 14:09*	*10/17/25 01:13*	*1*
d3-NMePFOSA	*79.3*		*10 - 130*	*10/15/25 14:09*	*10/17/25 01:13*	*1*
13C2 PFDoA	*82.7*		*40 - 130*	*10/15/25 14:09*	*10/17/25 01:13*	*1*

Method: SW846 6020B - Metals (ICP/MS)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Aluminum	**9380**		17.3	4.8	mg/Kg	☼	10/17/25 20:20	10/18/25 18:31	1
Antimony	**3.4**		0.87	0.13	mg/Kg	☼	10/17/25 20:20	10/18/25 18:31	1
Arsenic	**8.0**		0.87	0.089	mg/Kg	☼	10/17/25 20:20	10/18/25 18:31	1
Barium	**81.7**		1.7	0.13	mg/Kg	☼	10/17/25 20:20	10/18/25 18:31	1
Beryllium	**1.4**		0.35	0.019	mg/Kg	☼	10/17/25 20:20	10/18/25 18:31	1
Cadmium	**0.52**	**J**	0.87	0.098	mg/Kg	☼	10/17/25 20:20	10/18/25 18:31	1
Calcium	**2150**		86.6	8.4	mg/Kg	☼	10/17/25 20:20	10/18/25 18:31	1
Chromium	**33.7**		1.7	0.26	mg/Kg	☼	10/17/25 20:20	10/18/25 18:31	1
Cobalt	**11.8**		0.87	0.13	mg/Kg	☼	10/17/25 20:20	10/18/25 18:31	1
Copper	**116**		1.7	0.32	mg/Kg	☼	10/17/25 20:20	10/18/25 18:31	1
Iron	**23900**		51.9	6.6	mg/Kg	☼	10/17/25 20:20	10/18/25 18:31	1
Lead	**251**		0.52	0.17	mg/Kg	☼	10/17/25 20:20	10/18/25 18:31	1
Magnesium	**2560**		86.6	8.8	mg/Kg	☼	10/17/25 20:20	10/18/25 18:31	1
Manganese	**233**		3.5	0.35	mg/Kg	☼	10/17/25 20:20	10/18/25 18:31	1

Client Sample ID: 52D_4-8

Date Collected: 10/10/25 12:50
Date Received: 10/10/25 17:30

Lab Sample ID: 460-337049-8

Matrix: Solid
Percent Solids: 91.7

Method: SW846 6020B - Metals (ICP/MS) (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Nickel	50.6		1.7	0.15	mg/Kg	☼	10/17/25 20:20	10/18/25 18:31	1
Potassium	1310		86.6	14.0	mg/Kg	☼	10/17/25 20:20	10/18/25 18:31	1
Selenium	0.44	J	1.1	0.11	mg/Kg	☼	10/17/25 20:20	10/18/25 18:31	1
Silver	0.46		0.35	0.077	mg/Kg	☼	10/17/25 20:20	10/18/25 18:31	1
Sodium	127		86.6	39.6	mg/Kg	☼	10/17/25 20:20	10/18/25 18:31	1
Thallium	0.12	J	0.35	0.035	mg/Kg	☼	10/17/25 20:20	10/18/25 18:31	1
Vanadium	31.5		1.7	0.18	mg/Kg	☼	10/17/25 20:20	10/18/25 18:31	1
Zinc	366		6.9	0.94	mg/Kg	☼	10/17/25 20:20	10/18/25 18:31	1

Method: SW846 7471B - Mercury (CVAA)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	0.036		0.018	0.0083	mg/Kg	☼	10/22/25 01:14	10/22/25 07:22	1

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Percent Moisture (EPA Moisture)	8.3		1.0	1.0	%			10/13/25 17:10	1
Percent Solids (EPA Moisture)	91.7		1.0	1.0	%			10/13/25 17:10	1

Client Sample ID: 52E_0-4

Date Collected: 10/10/25 12:55
Date Received: 10/10/25 17:30

Lab Sample ID: 460-337049-9

Matrix: Solid
Percent Solids: 94.2

Method: SW846 8260D - Volatile Organic Compounds by GC/MS

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1-Trichloroethane	0.0010	U	0.0010	0.00024	mg/Kg	☼	10/14/25 13:13	10/15/25 20:31	1
1,1,2,2-Tetrachloroethane	0.0010	U	0.0010	0.00055	mg/Kg	☼	10/14/25 13:13	10/15/25 20:31	1
1,1,2-Trichloro-1,2,2-trifluoroethane	0.0010	U	0.0010	0.00032	mg/Kg	☼	10/14/25 13:13	10/15/25 20:31	1
1,1,2-Trichloroethane	0.0010	U	0.0010	0.00063	mg/Kg	☼	10/14/25 13:13	10/15/25 20:31	1
1,1-Dichloroethane	0.0010	U	0.0010	0.00063	mg/Kg	☼	10/14/25 13:13	10/15/25 20:31	1
1,1-Dichloroethene	0.0010	U	0.0010	0.00024	mg/Kg	☼	10/14/25 13:13	10/15/25 20:31	1
1,2,3-Trichlorobenzene	0.0010	U	0.0010	0.00077	mg/Kg	☼	10/14/25 13:13	10/15/25 20:31	1
1,2,4-Trichlorobenzene	0.0010	U	0.0010	0.00038	mg/Kg	☼	10/14/25 13:13	10/15/25 20:31	1
1,2,4-Trimethylbenzene	0.0010	U	0.0010	0.00026	mg/Kg	☼	10/14/25 13:13	10/15/25 20:31	1
1,2-Dibromo-3-Chloropropane	0.0010	U	0.0010	0.00048	mg/Kg	☼	10/14/25 13:13	10/15/25 20:31	1
1,2-Dichlorobenzene	0.0010	U	0.0010	0.00038	mg/Kg	☼	10/14/25 13:13	10/15/25 20:31	1
1,2-Dichloroethane	0.0010	U	0.0010	0.00031	mg/Kg	☼	10/14/25 13:13	10/15/25 20:31	1
1,2-Dichloropropane	0.0010	U	0.0010	0.00044	mg/Kg	☼	10/14/25 13:13	10/15/25 20:31	1
1,3,5-Trimethylbenzene	0.0010	U	0.0010	0.00033	mg/Kg	☼	10/14/25 13:13	10/15/25 20:31	1
1,3-Dichlorobenzene	0.0010	U	0.0010	0.00038	mg/Kg	☼	10/14/25 13:13	10/15/25 20:31	1
1,4-Dichlorobenzene	0.0010	U	0.0010	0.00054	mg/Kg	☼	10/14/25 13:13	10/15/25 20:31	1
2-Butanone (MEK)	0.0052	U	0.0052	0.00039	mg/Kg	☼	10/14/25 13:13	10/15/25 20:31	1
2-Hexanone	0.0052	U	0.0052	0.0018	mg/Kg	☼	10/14/25 13:13	10/15/25 20:31	1
4-Methyl-2-pentanone (MIBK)	0.0052	U	0.0052	0.0016	mg/Kg	☼	10/14/25 13:13	10/15/25 20:31	1
Acetone	0.0063	U	0.0063	0.0060	mg/Kg	☼	10/14/25 13:13	10/15/25 20:31	1
Benzene	0.0010	U	0.0010	0.00059	mg/Kg	☼	10/14/25 13:13	10/15/25 20:31	1
Bromoform	0.0010	U	0.0010	0.00045	mg/Kg	☼	10/14/25 13:13	10/15/25 20:31	1
Bromomethane	0.0021	U	0.0021	0.0010	mg/Kg	☼	10/14/25 13:13	10/15/25 20:31	1
Carbon disulfide	0.0010	U	0.0010	0.00028	mg/Kg	☼	10/14/25 13:13	10/15/25 20:31	1
Carbon tetrachloride	0.0010	U	0.0010	0.00041	mg/Kg	☼	10/14/25 13:13	10/15/25 20:31	1
Chlorobenzene	0.0010	U	0.0010	0.00053	mg/Kg	☼	10/14/25 13:13	10/15/25 20:31	1

Client Sample ID: 52E_0-4
Date Collected: 10/10/25 12:55
Date Received: 10/10/25 17:30

Lab Sample ID: 460-337049-9
Matrix: Solid
Percent Solids: 94.2

Method: SW846 8260D - Volatile Organic Compounds by GC/MS (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chlorobromomethane	0.0010	U	0.0010	0.00063	mg/Kg	☼	10/14/25 13:13	10/15/25 20:31	1
Chlorodibromomethane	0.0010	U	0.0010	0.00056	mg/Kg	☼	10/14/25 13:13	10/15/25 20:31	1
Chloroethane	0.0010	U	0.0010	0.00055	mg/Kg	☼	10/14/25 13:13	10/15/25 20:31	1
Chloroform	0.0010	U	0.0010	0.0010	mg/Kg	☼	10/14/25 13:13	10/15/25 20:31	1
Chloromethane	0.0010	U	0.0010	0.00046	mg/Kg	☼	10/14/25 13:13	10/15/25 20:31	1
cis-1,2-Dichloroethene	0.0010	U	0.0010	0.00038	mg/Kg	☼	10/14/25 13:13	10/15/25 20:31	1
cis-1,3-Dichloropropene	0.0010	U	0.0010	0.00029	mg/Kg	☼	10/14/25 13:13	10/15/25 20:31	1
Cyclohexane	0.0010	U	0.0010	0.00023	mg/Kg	☼	10/14/25 13:13	10/15/25 20:31	1
Dichlorobromomethane	0.0010	U	0.0010	0.00027	mg/Kg	☼	10/14/25 13:13	10/15/25 20:31	1
Dichlorodifluoromethane	0.0010	U	0.0010	0.00035	mg/Kg	☼	10/14/25 13:13	10/15/25 20:31	1
Ethylbenzene	0.0010	U	0.0010	0.00049	mg/Kg	☼	10/14/25 13:13	10/15/25 20:31	1
Ethylene Dibromide	0.0010	U	0.0010	0.00053	mg/Kg	☼	10/14/25 13:13	10/15/25 20:31	1
Isopropylbenzene	0.0010	U	0.0010	0.00030	mg/Kg	☼	10/14/25 13:13	10/15/25 20:31	1
Methyl acetate	0.0052	U	0.0052	0.0045	mg/Kg	☼	10/14/25 13:13	10/15/25 20:31	1
Methyl tert-butyl ether	0.0010	U	0.0010	0.00054	mg/Kg	☼	10/14/25 13:13	10/15/25 20:31	1
Methylcyclohexane	0.0010	U	0.0010	0.00052	mg/Kg	☼	10/14/25 13:13	10/15/25 20:31	1
Methylene Chloride	0.0021	U	0.0021	0.0012	mg/Kg	☼	10/14/25 13:13	10/15/25 20:31	1
m-Xylene & p-Xylene	0.0010	U	0.0010	0.00044	mg/Kg	☼	10/14/25 13:13	10/15/25 20:31	1
n-Butylbenzene	0.0010	U	0.0010	0.00031	mg/Kg	☼	10/14/25 13:13	10/15/25 20:31	1
N-Propylbenzene	0.0010	U	0.0010	0.00047	mg/Kg	☼	10/14/25 13:13	10/15/25 20:31	1
o-Xylene	0.0010	U	0.0010	0.00048	mg/Kg	☼	10/14/25 13:13	10/15/25 20:31	1
sec-Butylbenzene	0.0010	U	0.0010	0.00030	mg/Kg	☼	10/14/25 13:13	10/15/25 20:31	1
Styrene	0.0010	U	0.0010	0.00029	mg/Kg	☼	10/14/25 13:13	10/15/25 20:31	1
tert-Butylbenzene	0.0010	U	0.0010	0.00029	mg/Kg	☼	10/14/25 13:13	10/15/25 20:31	1
Tetrachloroethene	0.0010	U	0.0010	0.00032	mg/Kg	☼	10/14/25 13:13	10/15/25 20:31	1
Toluene	0.0010	U	0.0010	0.00025	mg/Kg	☼	10/14/25 13:13	10/15/25 20:31	1
trans-1,2-Dichloroethene	0.0010	U	0.0010	0.00026	mg/Kg	☼	10/14/25 13:13	10/15/25 20:31	1
trans-1,3-Dichloropropene	0.0010	U	0.0010	0.00028	mg/Kg	☼	10/14/25 13:13	10/15/25 20:31	1
Trichloroethene	0.0010	U	0.0010	0.00034	mg/Kg	☼	10/14/25 13:13	10/15/25 20:31	1
Trichlorofluoromethane	0.0010	U	0.0010	0.00043	mg/Kg	☼	10/14/25 13:13	10/15/25 20:31	1
Vinyl chloride	0.0010	U	0.0010	0.00057	mg/Kg	☼	10/14/25 13:13	10/15/25 20:31	1
Xylenes, Total	0.0021	U	0.0021	0.00018	mg/Kg	☼	10/14/25 13:13	10/15/25 20:31	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,2-Dichloroethane-d4 (Surr)	*100*		*65 - 138*	*10/14/25 13:13*	*10/15/25 20:31*	*1*
4-Bromofluorobenzene	*98*		*71 - 128*	*10/14/25 13:13*	*10/15/25 20:31*	*1*
Dibromofluoromethane (Surr)	*96*		*50 - 150*	*10/14/25 13:13*	*10/15/25 20:31*	*1*
Toluene-d8 (Surr)	*92*		*71 - 126*	*10/14/25 13:13*	*10/15/25 20:31*	*1*

Method: SW846 8270E - Semivolatile Organic Compounds (GC/MS)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1'-Biphenyl	0.35	U	0.35	0.012	mg/Kg	☼	10/13/25 10:32	10/14/25 00:57	1
1,2,4,5-Tetrachlorobenzene	0.35	U	0.35	0.011	mg/Kg	☼	10/13/25 10:32	10/14/25 00:57	1
1,4-Dioxane	0.035	U	0.035	0.031	mg/Kg	☼	10/13/25 10:32	10/14/25 00:57	1
2,2'-oxybis[1-chloropropane]	0.35	U	0.35	0.021	mg/Kg	☼	10/13/25 10:32	10/14/25 00:57	1
2,3,4,6-Tetrachlorophenol	0.35	U	0.35	0.024	mg/Kg	☼	10/13/25 10:32	10/14/25 00:57	1
2,4,5-Trichlorophenol	0.35	U	0.35	0.036	mg/Kg	☼	10/13/25 10:32	10/14/25 00:57	1
2,4,6-Trichlorophenol	0.14	U	0.14	0.045	mg/Kg	☼	10/13/25 10:32	10/14/25 00:57	1
2,4-Dichlorophenol	0.14	U	0.14	0.022	mg/Kg	☼	10/13/25 10:32	10/14/25 00:57	1
2,4-Dimethylphenol	0.35	U	0.35	0.042	mg/Kg	☼	10/13/25 10:32	10/14/25 00:57	1

Client Sample ID: 52E_0-4
Date Collected: 10/10/25 12:55
Date Received: 10/10/25 17:30

Lab Sample ID: 460-337049-9
Matrix: Solid
Percent Solids: 94.2

Method: SW846 8270E - Semivolatile Organic Compounds (GC/MS) (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
2,4-Dinitrophenol	0.28	U *	0.28	0.17	mg/Kg	☼	10/13/25 10:32	10/14/25 00:57	1
2,4-Dinitrotoluene	0.071	U	0.071	0.038	mg/Kg	☼	10/13/25 10:32	10/14/25 00:57	1
2,6-Dinitrotoluene	0.071	U	0.071	0.025	mg/Kg	☼	10/13/25 10:32	10/14/25 00:57	1
2-Chloronaphthalene	0.35	U	0.35	0.045	mg/Kg	☼	10/13/25 10:32	10/14/25 00:57	1
2-Chlorophenol	0.35	U	0.35	0.012	mg/Kg	☼	10/13/25 10:32	10/14/25 00:57	1
2-Methylnaphthalene	**0.0098**	**J**	0.35	0.0098	mg/Kg	☼	10/13/25 10:32	10/14/25 00:57	1
2-Methylphenol	0.35	U	0.35	0.013	mg/Kg	☼	10/13/25 10:32	10/14/25 00:57	1
2-Nitroaniline	0.35	U	0.35	0.027	mg/Kg	☼	10/13/25 10:32	10/14/25 00:57	1
2-Nitrophenol	0.35	U	0.35	0.035	mg/Kg	☼	10/13/25 10:32	10/14/25 00:57	1
3 & 4 Methylphenol	0.35	U	0.35	0.022	mg/Kg	☼	10/13/25 10:32	10/14/25 00:57	1
3,3'-Dichlorobenzidine	0.14	U	0.14	0.053	mg/Kg	☼	10/13/25 10:32	10/14/25 00:57	1
3-Nitroaniline	0.35	U	0.35	0.083	mg/Kg	☼	10/13/25 10:32	10/14/25 00:57	1
4,6-Dinitro-2-methylphenol	0.28	U *	0.28	0.14	mg/Kg	☼	10/13/25 10:32	10/14/25 00:57	1
4-Bromophenyl phenyl ether	0.35	U	0.35	0.014	mg/Kg	☼	10/13/25 10:32	10/14/25 00:57	1
4-Chloro-3-methylphenol	0.35	U	0.35	0.020	mg/Kg	☼	10/13/25 10:32	10/14/25 00:57	1
4-Chloroaniline	0.35	U	0.35	0.062	mg/Kg	☼	10/13/25 10:32	10/14/25 00:57	1
4-Chlorophenyl phenyl ether	0.35	U	0.35	0.012	mg/Kg	☼	10/13/25 10:32	10/14/25 00:57	1
4-Methylphenol	0.35	U	0.35	0.022	mg/Kg	☼	10/13/25 10:32	10/14/25 00:57	1
4-Nitroaniline	0.35	U	0.35	0.089	mg/Kg	☼	10/13/25 10:32	10/14/25 00:57	1
4-Nitrophenol	0.71	U	0.71	0.057	mg/Kg	☼	10/13/25 10:32	10/14/25 00:57	1
Acenaphthene	0.35	U	0.35	0.010	mg/Kg	☼	10/13/25 10:32	10/14/25 00:57	1
Acenaphthylene	0.35	U	0.35	0.010	mg/Kg	☼	10/13/25 10:32	10/14/25 00:57	1
Acetophenone	0.35	U	0.35	0.017	mg/Kg	☼	10/13/25 10:32	10/14/25 00:57	1
Anthracene	0.35	U	0.35	0.011	mg/Kg	☼	10/13/25 10:32	10/14/25 00:57	1
Atrazine	0.14	U	0.14	0.021	mg/Kg	☼	10/13/25 10:32	10/14/25 00:57	1
Benzaldehyde	0.35	U	0.35	0.058	mg/Kg	☼	10/13/25 10:32	10/14/25 00:57	1
Benzo[a]anthracene	**0.029**	**J**	0.035	0.026	mg/Kg	☼	10/13/25 10:32	10/14/25 00:57	1
Benzo[a]pyrene	**0.029**	**J**	0.035	0.0093	mg/Kg	☼	10/13/25 10:32	10/14/25 00:57	1
Benzo[b]fluoranthene	**0.040**		0.035	0.0090	mg/Kg	☼	10/13/25 10:32	10/14/25 00:57	1
Benzo[g,h,i]perylene	**0.022**	**J**	0.35	0.010	mg/Kg	☼	10/13/25 10:32	10/14/25 00:57	1
Benzo[k]fluoranthene	**0.013**	**J**	0.035	0.0069	mg/Kg	☼	10/13/25 10:32	10/14/25 00:57	1
Bis(2-chloroethoxy)methane	0.35	U	0.35	0.065	mg/Kg	☼	10/13/25 10:32	10/14/25 00:57	1
Bis(2-chloroethyl)ether	0.035	U	0.035	0.012	mg/Kg	☼	10/13/25 10:32	10/14/25 00:57	1
Bis(2-ethylhexyl) phthalate	**0.024**	**J**	0.35	0.018	mg/Kg	☼	10/13/25 10:32	10/14/25 00:57	1
Butyl benzyl phthalate	0.35	U	0.35	0.016	mg/Kg	☼	10/13/25 10:32	10/14/25 00:57	1
Caprolactam	0.35	U	0.35	0.054	mg/Kg	☼	10/13/25 10:32	10/14/25 00:57	1
Carbazole	0.35	U	0.35	0.013	mg/Kg	☼	10/13/25 10:32	10/14/25 00:57	1
Chrysene	**0.029**	**J**	0.35	0.015	mg/Kg	☼	10/13/25 10:32	10/14/25 00:57	1
Dibenz(a,h)anthracene	0.035	U	0.035	0.015	mg/Kg	☼	10/13/25 10:32	10/14/25 00:57	1
Dibenzofuran	0.35	U	0.35	0.012	mg/Kg	☼	10/13/25 10:32	10/14/25 00:57	1
Diethyl phthalate	0.35	U	0.35	0.011	mg/Kg	☼	10/13/25 10:32	10/14/25 00:57	1
Dimethyl phthalate	0.35	U	0.35	0.079	mg/Kg	☼	10/13/25 10:32	10/14/25 00:57	1
Di-n-butyl phthalate	0.35	U	0.35	0.013	mg/Kg	☼	10/13/25 10:32	10/14/25 00:57	1
Di-n-octyl phthalate	0.35	U	0.35	0.019	mg/Kg	☼	10/13/25 10:32	10/14/25 00:57	1
Fluoranthene	**0.043**	**J**	0.35	0.012	mg/Kg	☼	10/13/25 10:32	10/14/25 00:57	1
Fluorene	0.35	U	0.35	0.010	mg/Kg	☼	10/13/25 10:32	10/14/25 00:57	1
Hexachlorobenzene	0.035	U	0.035	0.017	mg/Kg	☼	10/13/25 10:32	10/14/25 00:57	1
Hexachlorobutadiene	0.071	U	0.071	0.0074	mg/Kg	☼	10/13/25 10:32	10/14/25 00:57	1
Hexachlorocyclopentadiene	0.35	U	0.35	0.031	mg/Kg	☼	10/13/25 10:32	10/14/25 00:57	1

Client Sample ID: 52E_0-4

Date Collected: 10/10/25 12:55
Date Received: 10/10/25 17:30

Lab Sample ID: 460-337049-9

Matrix: Solid
Percent Solids: 94.2

Method: SW846 8270E - Semivolatile Organic Compounds (GC/MS) (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Hexachloroethane	0.035	U	0.035	0.012	mg/Kg	☼	10/13/25 10:32	10/14/25 00:57	1
Indeno[1,2,3-cd]pyrene	**0.021**	**J**	0.035	0.014	mg/Kg	☼	10/13/25 10:32	10/14/25 00:57	1
Isophorone	0.14	U	0.14	0.10	mg/Kg	☼	10/13/25 10:32	10/14/25 00:57	1
Naphthalene	**0.0070**	**J**	0.35	0.0060	mg/Kg	☼	10/13/25 10:32	10/14/25 00:57	1
Nitrobenzene	0.035	U	0.035	0.019	mg/Kg	☼	10/13/25 10:32	10/14/25 00:57	1
N-Nitrosodi-n-propylamine	0.035	U	0.035	0.025	mg/Kg	☼	10/13/25 10:32	10/14/25 00:57	1
N-Nitrosodiphenylamine	0.35	U	0.35	0.029	mg/Kg	☼	10/13/25 10:32	10/14/25 00:57	1
Pentachlorophenol	0.28	U	0.28	0.072	mg/Kg	☼	10/13/25 10:32	10/14/25 00:57	1
Phenanthrene	**0.028**	**J**	0.35	0.014	mg/Kg	☼	10/13/25 10:32	10/14/25 00:57	1
Phenol	0.35	U	0.35	0.013	mg/Kg	☼	10/13/25 10:32	10/14/25 00:57	1
Pyrene	**0.041**	**J**	0.35	0.0087	mg/Kg	☼	10/13/25 10:32	10/14/25 00:57	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
2,4,6-Tribromophenol (Surr)	*73*		*18 - 137*	*10/13/25 10:32*	*10/14/25 00:57*	*1*
2-Fluorobiphenyl	*69*		*33 - 117*	*10/13/25 10:32*	*10/14/25 00:57*	*1*
2-Fluorophenol (Surr)	*68*		*24 - 120*	*10/13/25 10:32*	*10/14/25 00:57*	*1*
Nitrobenzene-d5 (Surr)	*62*		*27 - 120*	*10/13/25 10:32*	*10/14/25 00:57*	*1*
Phenol-d5 (Surr)	*66*		*28 - 118*	*10/13/25 10:32*	*10/14/25 00:57*	*1*
Terphenyl-d14 (Surr)	*77*		*33 - 124*	*10/13/25 10:32*	*10/14/25 00:57*	*1*

Method: SW846 8081B - Organochlorine Pesticides (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
4,4'-DDD	0.0071	U	0.0071	0.0012	mg/Kg	☼	10/13/25 06:39	10/15/25 06:18	1
4,4'-DDE	0.0071	U	0.0071	0.00084	mg/Kg	☼	10/13/25 06:39	10/15/25 06:18	1
4,4'-DDT	0.0071	U	0.0071	0.0013	mg/Kg	☼	10/13/25 06:39	10/15/25 06:18	1
Aldrin	0.0071	U	0.0071	0.0011	mg/Kg	☼	10/13/25 06:39	10/15/25 06:18	1
alpha-BHC	0.0021	U	0.0021	0.00072	mg/Kg	☼	10/13/25 06:39	10/15/25 06:18	1
beta-BHC	0.0021	U	0.0021	0.00079	mg/Kg	☼	10/13/25 06:39	10/15/25 06:18	1
Chlordane (technical)	0.071	U	0.071	0.017	mg/Kg	☼	10/13/25 06:39	10/15/25 06:18	1
cis-Chlordane	0.0071	U	0.0071	0.0011	mg/Kg	☼	10/13/25 06:39	10/15/25 06:18	1
delta-BHC	0.0021	U	0.0021	0.00043	mg/Kg	☼	10/13/25 06:39	10/15/25 06:18	1
Dieldrin	0.0021	U	0.0021	0.00092	mg/Kg	☼	10/13/25 06:39	10/15/25 06:18	1
Endosulfan I	0.0071	U	0.0071	0.0011	mg/Kg	☼	10/13/25 06:39	10/15/25 06:18	1
Endosulfan II	0.0071	U	0.0071	0.0018	mg/Kg	☼	10/13/25 06:39	10/15/25 06:18	1
Endosulfan sulfate	0.0071	U	0.0071	0.00089	mg/Kg	☼	10/13/25 06:39	10/15/25 06:18	1
Endrin	0.0071	U	0.0071	0.0010	mg/Kg	☼	10/13/25 06:39	10/15/25 06:18	1
Endrin aldehyde	0.0071	U	0.0071	0.0017	mg/Kg	☼	10/13/25 06:39	10/15/25 06:18	1
Endrin ketone	0.0071	U	0.0071	0.0014	mg/Kg	☼	10/13/25 06:39	10/15/25 06:18	1
gamma-BHC (Lindane)	0.0021	U	0.0021	0.00066	mg/Kg	☼	10/13/25 06:39	10/15/25 06:18	1
Heptachlor	0.0071	U	0.0071	0.00084	mg/Kg	☼	10/13/25 06:39	10/15/25 06:18	1
Heptachlor epoxide	0.0071	U	0.0071	0.0011	mg/Kg	☼	10/13/25 06:39	10/15/25 06:18	1
Methoxychlor	0.0071	U	0.0071	0.0016	mg/Kg	☼	10/13/25 06:39	10/15/25 06:18	1
Toxaphene	0.071	U	0.071	0.026	mg/Kg	☼	10/13/25 06:39	10/15/25 06:18	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
DCB Decachlorobiphenyl	*88*		*10 - 150*	*10/13/25 06:39*	*10/15/25 06:18*	*1*
DCB Decachlorobiphenyl	*88*		*10 - 150*	*10/13/25 06:39*	*10/15/25 06:18*	*1*
Tetrachloro-m-xylene	*110*		*14 - 150*	*10/13/25 06:39*	*10/15/25 06:18*	*1*
Tetrachloro-m-xylene	*115*		*14 - 150*	*10/13/25 06:39*	*10/15/25 06:18*	*1*

Client Sample ID: 52E_0-4

Date Collected: 10/10/25 12:55
Date Received: 10/10/25 17:30

Lab Sample ID: 460-337049-9

Matrix: Solid
Percent Solids: 94.2

Method: SW846 8082A - Polychlorinated Biphenyls (PCBs) by Gas Chromatography

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Aroclor 1016	0.071	U	0.071	0.019	mg/Kg	☼	10/13/25 06:42	10/14/25 22:09	1
Aroclor 1221	0.071	U	0.071	0.019	mg/Kg	☼	10/13/25 06:42	10/14/25 22:09	1
Aroclor 1232	0.071	U	0.071	0.019	mg/Kg	☼	10/13/25 06:42	10/14/25 22:09	1
Aroclor 1242	0.071	U	0.071	0.019	mg/Kg	☼	10/13/25 06:42	10/14/25 22:09	1
Aroclor 1248	0.071	U	0.071	0.019	mg/Kg	☼	10/13/25 06:42	10/14/25 22:09	1
Aroclor 1254	0.071	U	0.071	0.019	mg/Kg	☼	10/13/25 06:42	10/14/25 22:09	1
Aroclor 1260	0.071	U	0.071	0.019	mg/Kg	☼	10/13/25 06:42	10/14/25 22:09	1
Aroclor-1262	0.071	U	0.071	0.019	mg/Kg	☼	10/13/25 06:42	10/14/25 22:09	1
Aroclor 1268	0.071	U	0.071	0.019	mg/Kg	☼	10/13/25 06:42	10/14/25 22:09	1
Polychlorinated biphenyls, Total	0.071	U	0.071	0.019	mg/Kg	☼	10/13/25 06:42	10/14/25 22:09	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
DCB Decachlorobiphenyl	*95*		*10 - 150*	*10/13/25 06:42*	*10/14/25 22:09*	*1*
DCB Decachlorobiphenyl	*94*		*10 - 150*	*10/13/25 06:42*	*10/14/25 22:09*	*1*
Tetrachloro-m-xylene	*118*		*10 - 150*	*10/13/25 06:42*	*10/14/25 22:09*	*1*
Tetrachloro-m-xylene	*127*		*10 - 150*	*10/13/25 06:42*	*10/14/25 22:09*	*1*

Method: EPA 1633A - Per- and Polyfluoroalkyl Substances by LC/MS/MS, 1633A

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Perfluorobutanoic acid (PFBA)	0.40	U	0.40	0.099	ug/Kg	☼	10/15/25 14:09	10/17/25 01:27	1
Perfluoropentanoic acid (PFPeA)	0.20	U	0.20	0.099	ug/Kg	☼	10/15/25 14:09	10/17/25 01:27	1
Perfluorohexanoic acid (PFHxA)	0.20	U	0.20	0.099	ug/Kg	☼	10/15/25 14:09	10/17/25 01:27	1
Perfluoroheptanoic acid (PFHpA)	0.20	U	0.20	0.099	ug/Kg	☼	10/15/25 14:09	10/17/25 01:27	1
Perfluorooctanoic acid (PFOA)	0.20	U	0.20	0.060	ug/Kg	☼	10/15/25 14:09	10/17/25 01:27	1
Perfluorononanoic acid (PFNA)	0.20	U	0.20	0.099	ug/Kg	☼	10/15/25 14:09	10/17/25 01:27	1
Perfluorodecanoic acid (PFDA)	0.12	U	0.12	0.12	ug/Kg	☼	10/15/25 14:09	10/17/25 01:27	1
Perfluoroundecanoic acid (PFUnA)	**0.44**		0.20	0.099	ug/Kg	☼	10/15/25 14:09	10/17/25 01:27	1
Perfluorododecanoic acid (PFDoA)	0.12	U	0.12	0.12	ug/Kg	☼	10/15/25 14:09	10/17/25 01:27	1
Perfluorotridecanoic acid (PFTrDA)	0.20	U	0.20	0.099	ug/Kg	☼	10/15/25 14:09	10/17/25 01:27	1
Perfluorotetradecanoic acid (PFTeDA)	0.20	U	0.20	0.099	ug/Kg	☼	10/15/25 14:09	10/17/25 01:27	1
Perfluorobutanesulfonic acid (PFBS)	0.20	U	0.20	0.099	ug/Kg	☼	10/15/25 14:09	10/17/25 01:27	1
Perfluoropentanesulfonic acid (PFPeS)	0.20	U	0.20	0.099	ug/Kg	☼	10/15/25 14:09	10/17/25 01:27	1
Perfluorohexanesulfonic acid (PFHxS)	0.20	U	0.20	0.099	ug/Kg	☼	10/15/25 14:09	10/17/25 01:27	1
Perfluoroheptanesulfonic acid (PFHpS)	0.20	U	0.20	0.099	ug/Kg	☼	10/15/25 14:09	10/17/25 01:27	1
Perfluorooctanesulfonic acid (PFOS)	0.20	U	0.20	0.099	ug/Kg	☼	10/15/25 14:09	10/17/25 01:27	1
Perfluorononanesulfonic acid (PFNS)	0.20	U	0.20	0.099	ug/Kg	☼	10/15/25 14:09	10/17/25 01:27	1
Perfluorodecanesulfonic acid (PFDS)	0.20	U	0.20	0.099	ug/Kg	☼	10/15/25 14:09	10/17/25 01:27	1
Perfluorododecanesulfonic acid (PFDoS)	0.20	U	0.20	0.099	ug/Kg	☼	10/15/25 14:09	10/17/25 01:27	1
1H,1H,2H,2H-Perfluorohexane sulfonic acid (4:2 FTS)	0.40	U	0.40	0.20	ug/Kg	☼	10/15/25 14:09	10/17/25 01:27	1
1H,1H,2H,2H-Perfluorooctane sulfonic acid (6:2 FTS)	0.40	U	0.40	0.20	ug/Kg	☼	10/15/25 14:09	10/17/25 01:27	1
1H,1H,2H,2H-Perfluorodecane sulfonic acid (8:2 FTS)	0.40	U	0.40	0.20	ug/Kg	☼	10/15/25 14:09	10/17/25 01:27	1
Perfluorooctanesulfonamide (PFOSA)	0.20	U	0.20	0.099	ug/Kg	☼	10/15/25 14:09	10/17/25 01:27	1
N-methylperfluorooctane sulfonamide (NMeFOSA)	0.20	U	0.20	0.099	ug/Kg	☼	10/15/25 14:09	10/17/25 01:27	1

Client Sample ID: 52E_0-4
Date Collected: 10/10/25 12:55
Date Received: 10/10/25 17:30

Lab Sample ID: 460-337049-9
Matrix: Solid
Percent Solids: 94.2

Method: EPA 1633A - Per- and Polyfluoroalkyl Substances by LC/MS/MS, 1633A (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
N-ethylperfluorooctane sulfonamide (NEtFOSA)	0.20	U	0.20	0.099	ug/Kg	☼	10/15/25 14:09	10/17/25 01:27	1
N-methylperfluorooctanesulfonamidoacetic acid (NMeFOSAA)	0.20	U	0.20	0.099	ug/Kg	☼	10/15/25 14:09	10/17/25 01:27	1
N-ethylperfluorooctanesulfonamidoacetic acid (NEtFOSAA)	0.20	U	0.20	0.099	ug/Kg	☼	10/15/25 14:09	10/17/25 01:27	1
N-methylperfluorooctane sulfonamidoethanol (NMeFOSE)	0.99	U	0.99	0.50	ug/Kg	☼	10/15/25 14:09	10/17/25 01:27	1
N-ethylperfluorooctane sulfonamidoethanol (NEtFOSE)	0.99	U	0.99	0.50	ug/Kg	☼	10/15/25 14:09	10/17/25 01:27	1
Hexafluoropropylene Oxide Dimer Acid (HFPO-DA)	0.20	U	0.20	0.099	ug/Kg	☼	10/15/25 14:09	10/17/25 01:27	1
4,8-Dioxa-3H-perfluorononanoic acid (ADONA)	0.20	U	0.20	0.099	ug/Kg	☼	10/15/25 14:09	10/17/25 01:27	1
Perfluoro-3-methoxypropanoic acid (PFMPA)	0.20	U	0.20	0.099	ug/Kg	☼	10/15/25 14:09	10/17/25 01:27	1
Perfluoro-4-methoxybutanoic acid (PFMBA)	0.20	U	0.20	0.099	ug/Kg	☼	10/15/25 14:09	10/17/25 01:27	1
Nonafluoro-3,6-dioxaheptanoic acid (NFDHA)	0.20	U	0.20	0.099	ug/Kg	☼	10/15/25 14:09	10/17/25 01:27	1
9-Chlorohexadecafluoro-3-oxanonane-1-sulfonic acid (9Cl-PF3ONS)	0.20	U	0.20	0.099	ug/Kg	☼	10/15/25 14:09	10/17/25 01:27	1
11-Chloroeicosafluoro-3-oxaundecane-1-sulfonic acid (11Cl-PF3OUdS)	0.20	U	0.20	0.099	ug/Kg	☼	10/15/25 14:09	10/17/25 01:27	1
Perfluoro (2-ethoxyethane) sulfonic acid (PFEESA)	0.20	U	0.20	0.099	ug/Kg	☼	10/15/25 14:09	10/17/25 01:27	1
3-Perfluoropropylpropanoic acid (3:3 FTCA)	0.40	U	0.40	0.20	ug/Kg	☼	10/15/25 14:09	10/17/25 01:27	1
3-Perfluoropentylpropanoic acid (5:3 FTCA)	0.99	U	0.99	0.50	ug/Kg	☼	10/15/25 14:09	10/17/25 01:27	1
3-Perfluoroheptylpropanoic acid (7:3 FTCA)	0.99	U	0.99	0.50	ug/Kg	☼	10/15/25 14:09	10/17/25 01:27	1

Isotope Dilution	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
13C4 PFBA	*95.1*		*8 - 130*	*10/15/25 14:09*	*10/17/25 01:27*	*1*
13C5 PFPeA	*96.7*		*35 - 130*	*10/15/25 14:09*	*10/17/25 01:27*	*1*
13C5 PFHxA	*101*		*40 - 130*	*10/15/25 14:09*	*10/17/25 01:27*	*1*
13C4 PFHpA	*95.8*		*40 - 130*	*10/15/25 14:09*	*10/17/25 01:27*	*1*
13C8 PFOA	*100*		*40 - 130*	*10/15/25 14:09*	*10/17/25 01:27*	*1*
13C9 PFNA	*93.7*		*40 - 130*	*10/15/25 14:09*	*10/17/25 01:27*	*1*
13C6 PFDA	*91.5*		*40 - 130*	*10/15/25 14:09*	*10/17/25 01:27*	*1*
13C7 PFUnA	*87.3*		*40 - 130*	*10/15/25 14:09*	*10/17/25 01:27*	*1*
13C2 PFTeDA	*77.9*		*20 - 130*	*10/15/25 14:09*	*10/17/25 01:27*	*1*
13C3 PFBS	*79.4*		*40 - 135*	*10/15/25 14:09*	*10/17/25 01:27*	*1*
13C3 PFHxS	*82.9*		*40 - 130*	*10/15/25 14:09*	*10/17/25 01:27*	*1*
13C8 PFOS	*83.7*		*40 - 130*	*10/15/25 14:09*	*10/17/25 01:27*	*1*
13C8 FOSA	*89.1*		*40 - 130*	*10/15/25 14:09*	*10/17/25 01:27*	*1*
d3-NMeFOSAA	*88.5*		*40 - 135*	*10/15/25 14:09*	*10/17/25 01:27*	*1*
d5-NEtFOSAA	*80.7*		*40 - 150*	*10/15/25 14:09*	*10/17/25 01:27*	*1*
13C2 4:2 FTS	*105*		*40 - 165*	*10/15/25 14:09*	*10/17/25 01:27*	*1*
13C2 6:2 FTS	*102*		*40 - 215*	*10/15/25 14:09*	*10/17/25 01:27*	*1*
13C2 8:2 FTS	*141*		*40 - 275*	*10/15/25 14:09*	*10/17/25 01:27*	*1*
13C3 HFPO-DA	*101*		*40 - 130*	*10/15/25 14:09*	*10/17/25 01:27*	*1*
d7-N-MeFOSE-M	*74.5*		*20 - 130*	*10/15/25 14:09*	*10/17/25 01:27*	*1*

Client Sample ID: 52E_0-4

Date Collected: 10/10/25 12:55
Date Received: 10/10/25 17:30

Lab Sample ID: 460-337049-9

Matrix: Solid
Percent Solids: 94.2

Method: EPA 1633A - Per- and Polyfluoroalkyl Substances by LC/MS/MS, 1633A (Continued)

Isotope Dilution	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
d9-N-EtFOSE-M	66.3		15 - 130	10/15/25 14:09	10/17/25 01:27	1
d5-NEtPFOSA	75.8		10 - 130	10/15/25 14:09	10/17/25 01:27	1
d3-NMePFOSA	76.2		10 - 130	10/15/25 14:09	10/17/25 01:27	1
13C2 PFDoA	88.2		40 - 130	10/15/25 14:09	10/17/25 01:27	1

Method: SW846 6020B - Metals (ICP/MS)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Aluminum	7460		16.5	4.5	mg/Kg	☼	10/17/25 20:20	10/18/25 18:34	1
Antimony	2.9		0.82	0.12	mg/Kg	☼	10/17/25 20:20	10/18/25 18:34	1
Arsenic	7.9		0.82	0.085	mg/Kg	☼	10/17/25 20:20	10/18/25 18:34	1
Barium	73.9		1.6	0.12	mg/Kg	☼	10/17/25 20:20	10/18/25 18:34	1
Beryllium	1.2		0.33	0.018	mg/Kg	☼	10/17/25 20:20	10/18/25 18:34	1
Cadmium	0.44	J	0.82	0.093	mg/Kg	☼	10/17/25 20:20	10/18/25 18:34	1
Calcium	2820		82.3	8.0	mg/Kg	☼	10/17/25 20:20	10/18/25 18:34	1
Chromium	25.9		1.6	0.24	mg/Kg	☼	10/17/25 20:20	10/18/25 18:34	1
Cobalt	11.8		0.82	0.12	mg/Kg	☼	10/17/25 20:20	10/18/25 18:34	1
Copper	99.8		1.6	0.30	mg/Kg	☼	10/17/25 20:20	10/18/25 18:34	1
Iron	22200		49.4	6.3	mg/Kg	☼	10/17/25 20:20	10/18/25 18:34	1
Lead	200		0.49	0.16	mg/Kg	☼	10/17/25 20:20	10/18/25 18:34	1
Magnesium	2840		82.3	8.4	mg/Kg	☼	10/17/25 20:20	10/18/25 18:34	1
Manganese	258		3.3	0.33	mg/Kg	☼	10/17/25 20:20	10/18/25 18:34	1
Nickel	41.1		1.6	0.15	mg/Kg	☼	10/17/25 20:20	10/18/25 18:34	1
Potassium	1040		82.3	13.3	mg/Kg	☼	10/17/25 20:20	10/18/25 18:34	1
Selenium	0.32	J	1.0	0.11	mg/Kg	☼	10/17/25 20:20	10/18/25 18:34	1
Silver	0.42		0.33	0.073	mg/Kg	☼	10/17/25 20:20	10/18/25 18:34	1
Sodium	151		82.3	37.6	mg/Kg	☼	10/17/25 20:20	10/18/25 18:34	1
Thallium	0.11	J	0.33	0.034	mg/Kg	☼	10/17/25 20:20	10/18/25 18:34	1
Vanadium	29.1		1.6	0.17	mg/Kg	☼	10/17/25 20:20	10/18/25 18:34	1
Zinc	290		6.6	0.90	mg/Kg	☼	10/17/25 20:20	10/18/25 18:34	1

Method: SW846 7471B - Mercury (CVAA)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	0.033		0.017	0.0080	mg/Kg	☼	10/22/25 01:14	10/22/25 07:25	1

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Percent Moisture (EPA Moisture)	5.8		1.0	1.0	%			10/13/25 17:10	1
Percent Solids (EPA Moisture)	94.2		1.0	1.0	%			10/13/25 17:10	1

Client Sample ID: 52E_4-8

Date Collected: 10/10/25 13:00
Date Received: 10/10/25 17:30

Lab Sample ID: 460-337049-10

Matrix: Solid
Percent Solids: 92.4

Method: SW846 8260D - Volatile Organic Compounds by GC/MS

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1-Trichloroethane	0.0011	U	0.0011	0.00025	mg/Kg	☼	10/14/25 13:15	10/15/25 20:55	1
1,1,2,2-Tetrachloroethane	0.0011	U	0.0011	0.00056	mg/Kg	☼	10/14/25 13:15	10/15/25 20:55	1
1,1,2-Trichloro-1,2,2-trifluoroethane	0.0011	U	0.0011	0.00032	mg/Kg	☼	10/14/25 13:15	10/15/25 20:55	1
1,1,2-Trichloroethane	0.0011	U	0.0011	0.00064	mg/Kg	☼	10/14/25 13:15	10/15/25 20:55	1
1,1-Dichloroethane	0.0011	U	0.0011	0.00064	mg/Kg	☼	10/14/25 13:15	10/15/25 20:55	1
1,1-Dichloroethene	0.0011	U	0.0011	0.00024	mg/Kg	☼	10/14/25 13:15	10/15/25 20:55	1

Client: Haley & Aldrich, Inc.
Project/Site: Former Port Mobil

Job ID: 460-337049-1

Client Sample ID: 52E_4-8
Date Collected: 10/10/25 13:00
Date Received: 10/10/25 17:30

Lab Sample ID: 460-337049-10
Matrix: Solid
Percent Solids: 92.4

Method: SW846 8260D - Volatile Organic Compounds by GC/MS (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,2,3-Trichlorobenzene	0.0011	U	0.0011	0.00079	mg/Kg	☼	10/14/25 13:15	10/15/25 20:55	1
1,2,4-Trichlorobenzene	0.0011	U	0.0011	0.00038	mg/Kg	☼	10/14/25 13:15	10/15/25 20:55	1
1,2,4-Trimethylbenzene	0.0011	U	0.0011	0.00026	mg/Kg	☼	10/14/25 13:15	10/15/25 20:55	1
1,2-Dibromo-3-Chloropropane	0.0011	U	0.0011	0.00049	mg/Kg	☼	10/14/25 13:15	10/15/25 20:55	1
1,2-Dichlorobenzene	0.0011	U	0.0011	0.00039	mg/Kg	☼	10/14/25 13:15	10/15/25 20:55	1
1,2-Dichloroethane	0.0011	U	0.0011	0.00032	mg/Kg	☼	10/14/25 13:15	10/15/25 20:55	1
1,2-Dichloropropane	0.0011	U	0.0011	0.00045	mg/Kg	☼	10/14/25 13:15	10/15/25 20:55	1
1,3,5-Trimethylbenzene	0.0011	U	0.0011	0.00034	mg/Kg	☼	10/14/25 13:15	10/15/25 20:55	1
1,3-Dichlorobenzene	0.0011	U	0.0011	0.00039	mg/Kg	☼	10/14/25 13:15	10/15/25 20:55	1
1,4-Dichlorobenzene	0.0011	U	0.0011	0.00055	mg/Kg	☼	10/14/25 13:15	10/15/25 20:55	1
2-Butanone (MEK)	0.0053	U	0.0053	0.00039	mg/Kg	☼	10/14/25 13:15	10/15/25 20:55	1
2-Hexanone	0.0053	U	0.0053	0.0018	mg/Kg	☼	10/14/25 13:15	10/15/25 20:55	1
4-Methyl-2-pentanone (MIBK)	0.0053	U	0.0053	0.0017	mg/Kg	☼	10/14/25 13:15	10/15/25 20:55	1
Acetone	0.0064	U	0.0064	0.0061	mg/Kg	☼	10/14/25 13:15	10/15/25 20:55	1
Benzene	0.0011	U	0.0011	0.00061	mg/Kg	☼	10/14/25 13:15	10/15/25 20:55	1
Bromoform	0.0011	U	0.0011	0.00045	mg/Kg	☼	10/14/25 13:15	10/15/25 20:55	1
Bromomethane	0.0021	U	0.0021	0.0011	mg/Kg	☼	10/14/25 13:15	10/15/25 20:55	1
Carbon disulfide	0.0011	U	0.0011	0.00028	mg/Kg	☼	10/14/25 13:15	10/15/25 20:55	1
Carbon tetrachloride	0.0011	U	0.0011	0.00041	mg/Kg	☼	10/14/25 13:15	10/15/25 20:55	1
Chlorobenzene	0.0011	U	0.0011	0.00054	mg/Kg	☼	10/14/25 13:15	10/15/25 20:55	1
Chlorobromomethane	0.0011	U	0.0011	0.00064	mg/Kg	☼	10/14/25 13:15	10/15/25 20:55	1
Chlorodibromomethane	0.0011	U	0.0011	0.00057	mg/Kg	☼	10/14/25 13:15	10/15/25 20:55	1
Chloroethane	0.0011	U	0.0011	0.00056	mg/Kg	☼	10/14/25 13:15	10/15/25 20:55	1
Chloroform	0.0011	U	0.0011	0.0010	mg/Kg	☼	10/14/25 13:15	10/15/25 20:55	1
Chloromethane	0.0011	U	0.0011	0.00046	mg/Kg	☼	10/14/25 13:15	10/15/25 20:55	1
cis-1,2-Dichloroethene	0.0011	U	0.0011	0.00038	mg/Kg	☼	10/14/25 13:15	10/15/25 20:55	1
cis-1,3-Dichloropropene	0.0011	U	0.0011	0.00029	mg/Kg	☼	10/14/25 13:15	10/15/25 20:55	1
Cyclohexane	0.0011	U	0.0011	0.00024	mg/Kg	☼	10/14/25 13:15	10/15/25 20:55	1
Dichlorobromomethane	0.0011	U	0.0011	0.00027	mg/Kg	☼	10/14/25 13:15	10/15/25 20:55	1
Dichlorodifluoromethane	0.0011	U	0.0011	0.00036	mg/Kg	☼	10/14/25 13:15	10/15/25 20:55	1
Ethylbenzene	0.0011	U	0.0011	0.00050	mg/Kg	☼	10/14/25 13:15	10/15/25 20:55	1
Ethylene Dibromide	0.0011	U	0.0011	0.00054	mg/Kg	☼	10/14/25 13:15	10/15/25 20:55	1
Isopropylbenzene	0.0011	U	0.0011	0.00030	mg/Kg	☼	10/14/25 13:15	10/15/25 20:55	1
Methyl acetate	0.0053	U	0.0053	0.0046	mg/Kg	☼	10/14/25 13:15	10/15/25 20:55	1
Methyl tert-butyl ether	0.0011	U	0.0011	0.00055	mg/Kg	☼	10/14/25 13:15	10/15/25 20:55	1
Methylcyclohexane	0.0011	U	0.0011	0.00053	mg/Kg	☼	10/14/25 13:15	10/15/25 20:55	1
Methylene Chloride	**0.0012**	**J**	0.0021	0.0012	mg/Kg	☼	10/14/25 13:15	10/15/25 20:55	1
m-Xylene & p-Xylene	0.0011	U	0.0011	0.00045	mg/Kg	☼	10/14/25 13:15	10/15/25 20:55	1
n-Butylbenzene	0.0011	U	0.0011	0.00031	mg/Kg	☼	10/14/25 13:15	10/15/25 20:55	1
N-Propylbenzene	0.0011	U	0.0011	0.00048	mg/Kg	☼	10/14/25 13:15	10/15/25 20:55	1
o-Xylene	0.0011	U	0.0011	0.00049	mg/Kg	☼	10/14/25 13:15	10/15/25 20:55	1
sec-Butylbenzene	0.0011	U	0.0011	0.00031	mg/Kg	☼	10/14/25 13:15	10/15/25 20:55	1
Styrene	0.0011	U	0.0011	0.00030	mg/Kg	☼	10/14/25 13:15	10/15/25 20:55	1
tert-Butylbenzene	0.0011	U	0.0011	0.00029	mg/Kg	☼	10/14/25 13:15	10/15/25 20:55	1
Tetrachloroethene	0.0011	U	0.0011	0.00033	mg/Kg	☼	10/14/25 13:15	10/15/25 20:55	1
Toluene	0.0011	U	0.0011	0.00025	mg/Kg	☼	10/14/25 13:15	10/15/25 20:55	1
trans-1,2-Dichloroethene	0.0011	U	0.0011	0.00026	mg/Kg	☼	10/14/25 13:15	10/15/25 20:55	1
trans-1,3-Dichloropropene	0.0011	U	0.0011	0.00028	mg/Kg	☼	10/14/25 13:15	10/15/25 20:55	1
Trichloroethene	0.0011	U	0.0011	0.00034	mg/Kg	☼	10/14/25 13:15	10/15/25 20:55	1

Client Sample ID: 52E_4-8
Date Collected: 10/10/25 13:00
Date Received: 10/10/25 17:30

Lab Sample ID: 460-337049-10
Matrix: Solid
Percent Solids: 92.4

Method: SW846 8260D - Volatile Organic Compounds by GC/MS (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Trichlorofluoromethane	0.0011	U	0.0011	0.00043	mg/Kg	☼	10/14/25 13:15	10/15/25 20:55	1
Vinyl chloride	0.0011	U	0.0011	0.00058	mg/Kg	☼	10/14/25 13:15	10/15/25 20:55	1
Xylenes, Total	0.0021	U	0.0021	0.00019	mg/Kg	☼	10/14/25 13:15	10/15/25 20:55	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,2-Dichloroethane-d4 (Surr)	*102*		*65 - 138*	*10/14/25 13:15*	*10/15/25 20:55*	*1*
4-Bromofluorobenzene	*104*		*71 - 128*	*10/14/25 13:15*	*10/15/25 20:55*	*1*
Dibromofluoromethane (Surr)	*98*		*50 - 150*	*10/14/25 13:15*	*10/15/25 20:55*	*1*
Toluene-d8 (Surr)	*97*		*71 - 126*	*10/14/25 13:15*	*10/15/25 20:55*	*1*

Method: SW846 8270E - Semivolatile Organic Compounds (GC/MS)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1'-Biphenyl	0.36	U	0.36	0.012	mg/Kg	☼	10/13/25 10:32	10/14/25 04:04	1
1,2,4,5-Tetrachlorobenzene	0.36	U	0.36	0.011	mg/Kg	☼	10/13/25 10:32	10/14/25 04:04	1
1,4-Dioxane	0.036	U	0.036	0.031	mg/Kg	☼	10/13/25 10:32	10/14/25 04:04	1
2,2'-oxybis[1-chloropropane]	0.36	U	0.36	0.021	mg/Kg	☼	10/13/25 10:32	10/14/25 04:04	1
2,3,4,6-Tetrachlorophenol	0.36	U	0.36	0.024	mg/Kg	☼	10/13/25 10:32	10/14/25 04:04	1
2,4,5-Trichlorophenol	0.36	U	0.36	0.036	mg/Kg	☼	10/13/25 10:32	10/14/25 04:04	1
2,4,6-Trichlorophenol	0.14	U	0.14	0.046	mg/Kg	☼	10/13/25 10:32	10/14/25 04:04	1
2,4-Dichlorophenol	0.14	U	0.14	0.023	mg/Kg	☼	10/13/25 10:32	10/14/25 04:04	1
2,4-Dimethylphenol	0.36	U	0.36	0.043	mg/Kg	☼	10/13/25 10:32	10/14/25 04:04	1
2,4-Dinitrophenol	0.29	U *	0.29	0.18	mg/Kg	☼	10/13/25 10:32	10/14/25 04:04	1
2,4-Dinitrotoluene	0.072	U	0.072	0.038	mg/Kg	☼	10/13/25 10:32	10/14/25 04:04	1
2,6-Dinitrotoluene	0.072	U	0.072	0.026	mg/Kg	☼	10/13/25 10:32	10/14/25 04:04	1
2-Chloronaphthalene	0.36	U	0.36	0.046	mg/Kg	☼	10/13/25 10:32	10/14/25 04:04	1
2-Chlorophenol	0.36	U	0.36	0.013	mg/Kg	☼	10/13/25 10:32	10/14/25 04:04	1
2-Methylnaphthalene	**0.017**	**J**	0.36	0.010	mg/Kg	☼	10/13/25 10:32	10/14/25 04:04	1
2-Methylphenol	0.36	U	0.36	0.013	mg/Kg	☼	10/13/25 10:32	10/14/25 04:04	1
2-Nitroaniline	0.36	U	0.36	0.027	mg/Kg	☼	10/13/25 10:32	10/14/25 04:04	1
2-Nitrophenol	0.36	U	0.36	0.036	mg/Kg	☼	10/13/25 10:32	10/14/25 04:04	1
3 & 4 Methylphenol	0.36	U	0.36	0.022	mg/Kg	☼	10/13/25 10:32	10/14/25 04:04	1
3,3'-Dichlorobenzidine	0.14	U	0.14	0.054	mg/Kg	☼	10/13/25 10:32	10/14/25 04:04	1
3-Nitroaniline	0.36	U	0.36	0.085	mg/Kg	☼	10/13/25 10:32	10/14/25 04:04	1
4,6-Dinitro-2-methylphenol	0.29	U *	0.29	0.15	mg/Kg	☼	10/13/25 10:32	10/14/25 04:04	1
4-Bromophenyl phenyl ether	0.36	U	0.36	0.014	mg/Kg	☼	10/13/25 10:32	10/14/25 04:04	1
4-Chloro-3-methylphenol	0.36	U	0.36	0.020	mg/Kg	☼	10/13/25 10:32	10/14/25 04:04	1
4-Chloroaniline	0.36	U	0.36	0.063	mg/Kg	☼	10/13/25 10:32	10/14/25 04:04	1
4-Chlorophenyl phenyl ether	0.36	U	0.36	0.013	mg/Kg	☼	10/13/25 10:32	10/14/25 04:04	1
4-Methylphenol	0.36	U	0.36	0.022	mg/Kg	☼	10/13/25 10:32	10/14/25 04:04	1
4-Nitroaniline	0.36	U	0.36	0.091	mg/Kg	☼	10/13/25 10:32	10/14/25 04:04	1
4-Nitrophenol	0.72	U	0.72	0.058	mg/Kg	☼	10/13/25 10:32	10/14/25 04:04	1
Acenaphthene	0.36	U	0.36	0.010	mg/Kg	☼	10/13/25 10:32	10/14/25 04:04	1
Acenaphthylene	0.36	U	0.36	0.010	mg/Kg	☼	10/13/25 10:32	10/14/25 04:04	1
Acetophenone	0.36	U	0.36	0.018	mg/Kg	☼	10/13/25 10:32	10/14/25 04:04	1
Anthracene	0.36	U	0.36	0.011	mg/Kg	☼	10/13/25 10:32	10/14/25 04:04	1
Atrazine	0.14	U	0.14	0.021	mg/Kg	☼	10/13/25 10:32	10/14/25 04:04	1
Benzaldehyde	0.36	U	0.36	0.059	mg/Kg	☼	10/13/25 10:32	10/14/25 04:04	1
Benzo[a]anthracene	0.036	U	0.036	0.027	mg/Kg	☼	10/13/25 10:32	10/14/25 04:04	1
Benzo[a]pyrene	**0.010**	**J**	0.036	0.0095	mg/Kg	☼	10/13/25 10:32	10/14/25 04:04	1
Benzo[b]fluoranthene	**0.018**	**J**	0.036	0.0092	mg/Kg	☼	10/13/25 10:32	10/14/25 04:04	1

Client Sample ID: 52E_4-8

Date Collected: 10/10/25 13:00
Date Received: 10/10/25 17:30

Lab Sample ID: 460-337049-10

Matrix: Solid
Percent Solids: 92.4

Method: SW846 8270E - Semivolatile Organic Compounds (GC/MS) (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzo[g,h,i]perylene	**0.012**	**J**	0.36	0.011	mg/Kg	☼	10/13/25 10:32	10/14/25 04:04	1
Benzo[k]fluoranthene	0.036	U	0.036	0.0070	mg/Kg	☼	10/13/25 10:32	10/14/25 04:04	1
Bis(2-chloroethoxy)methane	0.36	U	0.36	0.066	mg/Kg	☼	10/13/25 10:32	10/14/25 04:04	1
Bis(2-chloroethyl)ether	0.036	U	0.036	0.012	mg/Kg	☼	10/13/25 10:32	10/14/25 04:04	1
Bis(2-ethylhexyl) phthalate	0.36	U	0.36	0.019	mg/Kg	☼	10/13/25 10:32	10/14/25 04:04	1
Butyl benzyl phthalate	0.36	U	0.36	0.017	mg/Kg	☼	10/13/25 10:32	10/14/25 04:04	1
Caprolactam	0.36	U	0.36	0.056	mg/Kg	☼	10/13/25 10:32	10/14/25 04:04	1
Carbazole	0.36	U	0.36	0.014	mg/Kg	☼	10/13/25 10:32	10/14/25 04:04	1
Chrysene	**0.016**	**J**	0.36	0.015	mg/Kg	☼	10/13/25 10:32	10/14/25 04:04	1
Dibenz(a,h)anthracene	0.036	U	0.036	0.015	mg/Kg	☼	10/13/25 10:32	10/14/25 04:04	1
Dibenzofuran	0.36	U	0.36	0.012	mg/Kg	☼	10/13/25 10:32	10/14/25 04:04	1
Diethyl phthalate	0.36	U	0.36	0.011	mg/Kg	☼	10/13/25 10:32	10/14/25 04:04	1
Dimethyl phthalate	0.36	U	0.36	0.081	mg/Kg	☼	10/13/25 10:32	10/14/25 04:04	1
Di-n-butyl phthalate	0.36	U	0.36	0.013	mg/Kg	☼	10/13/25 10:32	10/14/25 04:04	1
Di-n-octyl phthalate	0.36	U	0.36	0.019	mg/Kg	☼	10/13/25 10:32	10/14/25 04:04	1
Fluoranthene	**0.019**	**J**	0.36	0.012	mg/Kg	☼	10/13/25 10:32	10/14/25 04:04	1
Fluorene	0.36	U	0.36	0.010	mg/Kg	☼	10/13/25 10:32	10/14/25 04:04	1
Hexachlorobenzene	0.036	U	0.036	0.017	mg/Kg	☼	10/13/25 10:32	10/14/25 04:04	1
Hexachlorobutadiene	0.072	U	0.072	0.0076	mg/Kg	☼	10/13/25 10:32	10/14/25 04:04	1
Hexachlorocyclopentadiene	0.36	U	0.36	0.031	mg/Kg	☼	10/13/25 10:32	10/14/25 04:04	1
Hexachloroethane	0.036	U	0.036	0.012	mg/Kg	☼	10/13/25 10:32	10/14/25 04:04	1
Indeno[1,2,3-cd]pyrene	0.036	U	0.036	0.014	mg/Kg	☼	10/13/25 10:32	10/14/25 04:04	1
Isophorone	0.14	U	0.14	0.10	mg/Kg	☼	10/13/25 10:32	10/14/25 04:04	1
Naphthalene	**0.011**	**J**	0.36	0.0062	mg/Kg	☼	10/13/25 10:32	10/14/25 04:04	1
Nitrobenzene	0.036	U	0.036	0.020	mg/Kg	☼	10/13/25 10:32	10/14/25 04:04	1
N-Nitrosodi-n-propylamine	0.036	U	0.036	0.026	mg/Kg	☼	10/13/25 10:32	10/14/25 04:04	1
N-Nitrosodiphenylamine	0.36	U	0.36	0.029	mg/Kg	☼	10/13/25 10:32	10/14/25 04:04	1
Pentachlorophenol	0.29	U	0.29	0.073	mg/Kg	☼	10/13/25 10:32	10/14/25 04:04	1
Phenanthrene	0.36	U	0.36	0.015	mg/Kg	☼	10/13/25 10:32	10/14/25 04:04	1
Phenol	0.36	U	0.36	0.013	mg/Kg	☼	10/13/25 10:32	10/14/25 04:04	1
Pyrene	**0.016**	**J**	0.36	0.0089	mg/Kg	☼	10/13/25 10:32	10/14/25 04:04	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
2,4,6-Tribromophenol (Surr)	*65*		*18 - 137*	*10/13/25 10:32*	*10/14/25 04:04*	*1*
2-Fluorobiphenyl	*58*		*33 - 117*	*10/13/25 10:32*	*10/14/25 04:04*	*1*
2-Fluorophenol (Surr)	*61*		*24 - 120*	*10/13/25 10:32*	*10/14/25 04:04*	*1*
Nitrobenzene-d5 (Surr)	*53*		*27 - 120*	*10/13/25 10:32*	*10/14/25 04:04*	*1*
Phenol-d5 (Surr)	*61*		*28 - 118*	*10/13/25 10:32*	*10/14/25 04:04*	*1*
Terphenyl-d14 (Surr)	*58*		*33 - 124*	*10/13/25 10:32*	*10/14/25 04:04*	*1*

Method: SW846 8081B - Organochlorine Pesticides (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
4,4'-DDD	0.0072	U	0.0072	0.0012	mg/Kg	☼	10/13/25 06:39	10/15/25 06:34	1
4,4'-DDE	0.0072	U	0.0072	0.00085	mg/Kg	☼	10/13/25 06:39	10/15/25 06:34	1
4,4'-DDT	0.0072	U	0.0072	0.0013	mg/Kg	☼	10/13/25 06:39	10/15/25 06:34	1
Aldrin	0.0072	U	0.0072	0.0011	mg/Kg	☼	10/13/25 06:39	10/15/25 06:34	1
alpha-BHC	0.0022	U	0.0022	0.00073	mg/Kg	☼	10/13/25 06:39	10/15/25 06:34	1
beta-BHC	0.0022	U	0.0022	0.00081	mg/Kg	☼	10/13/25 06:39	10/15/25 06:34	1
Chlordane (technical)	0.072	U	0.072	0.017	mg/Kg	☼	10/13/25 06:39	10/15/25 06:34	1
cis-Chlordane	0.0072	U	0.0072	0.0011	mg/Kg	☼	10/13/25 06:39	10/15/25 06:34	1

Client Sample ID: 52E_4-8
Date Collected: 10/10/25 13:00
Date Received: 10/10/25 17:30

Lab Sample ID: 460-337049-10
Matrix: Solid
Percent Solids: 92.4

Method: SW846 8081B - Organochlorine Pesticides (GC) (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
delta-BHC	0.0022	U	0.0022	0.00044	mg/Kg	☼	10/13/25 06:39	10/15/25 06:34	1
Dieldrin	0.0022	U	0.0022	0.00094	mg/Kg	☼	10/13/25 06:39	10/15/25 06:34	1
Endosulfan I	0.0072	U	0.0072	0.0011	mg/Kg	☼	10/13/25 06:39	10/15/25 06:34	1
Endosulfan II	0.0072	U	0.0072	0.0018	mg/Kg	☼	10/13/25 06:39	10/15/25 06:34	1
Endosulfan sulfate	0.0072	U	0.0072	0.00090	mg/Kg	☼	10/13/25 06:39	10/15/25 06:34	1
Endrin	0.0072	U	0.0072	0.0010	mg/Kg	☼	10/13/25 06:39	10/15/25 06:34	1
Endrin aldehyde	0.0072	U	0.0072	0.0017	mg/Kg	☼	10/13/25 06:39	10/15/25 06:34	1
Endrin ketone	0.0072	U	0.0072	0.0014	mg/Kg	☼	10/13/25 06:39	10/15/25 06:34	1
gamma-BHC (Lindane)	0.0022	U	0.0022	0.00067	mg/Kg	☼	10/13/25 06:39	10/15/25 06:34	1
Heptachlor	0.0072	U	0.0072	0.00085	mg/Kg	☼	10/13/25 06:39	10/15/25 06:34	1
Heptachlor epoxide	0.0072	U	0.0072	0.0011	mg/Kg	☼	10/13/25 06:39	10/15/25 06:34	1
Methoxychlor	0.0072	U	0.0072	0.0016	mg/Kg	☼	10/13/25 06:39	10/15/25 06:34	1
Toxaphene	0.072	U	0.072	0.026	mg/Kg	☼	10/13/25 06:39	10/15/25 06:34	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
DCB Decachlorobiphenyl	*89*		*10 - 150*	*10/13/25 06:39*	*10/15/25 06:34*	*1*
DCB Decachlorobiphenyl	*89*		*10 - 150*	*10/13/25 06:39*	*10/15/25 06:34*	*1*
Tetrachloro-m-xylene	*108*		*14 - 150*	*10/13/25 06:39*	*10/15/25 06:34*	*1*
Tetrachloro-m-xylene	*112*		*14 - 150*	*10/13/25 06:39*	*10/15/25 06:34*	*1*

Method: SW846 8082A - Polychlorinated Biphenyls (PCBs) by Gas Chromatography

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Aroclor 1016	0.072	U	0.072	0.019	mg/Kg	☼	10/13/25 06:42	10/14/25 22:25	1
Aroclor 1221	0.072	U	0.072	0.019	mg/Kg	☼	10/13/25 06:42	10/14/25 22:25	1
Aroclor 1232	0.072	U	0.072	0.019	mg/Kg	☼	10/13/25 06:42	10/14/25 22:25	1
Aroclor 1242	0.072	U	0.072	0.019	mg/Kg	☼	10/13/25 06:42	10/14/25 22:25	1
Aroclor 1248	0.072	U	0.072	0.019	mg/Kg	☼	10/13/25 06:42	10/14/25 22:25	1
Aroclor 1254	0.072	U	0.072	0.019	mg/Kg	☼	10/13/25 06:42	10/14/25 22:25	1
Aroclor 1260	**0.060**	**J**	0.072	0.019	mg/Kg	☼	10/13/25 06:42	10/14/25 22:25	1
Aroclor-1262	0.072	U	0.072	0.019	mg/Kg	☼	10/13/25 06:42	10/14/25 22:25	1
Aroclor 1268	0.072	U	0.072	0.019	mg/Kg	☼	10/13/25 06:42	10/14/25 22:25	1
Polychlorinated biphenyls, Total	**0.060**	**J**	0.072	0.019	mg/Kg	☼	10/13/25 06:42	10/14/25 22:25	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
DCB Decachlorobiphenyl	*94*		*10 - 150*	*10/13/25 06:42*	*10/14/25 22:25*	*1*
DCB Decachlorobiphenyl	*95*		*10 - 150*	*10/13/25 06:42*	*10/14/25 22:25*	*1*
Tetrachloro-m-xylene	*120*		*10 - 150*	*10/13/25 06:42*	*10/14/25 22:25*	*1*
Tetrachloro-m-xylene	*125*		*10 - 150*	*10/13/25 06:42*	*10/14/25 22:25*	*1*

Method: EPA 1633A - Per- and Polyfluoroalkyl Substances by LC/MS/MS, 1633A

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Perfluorobutanoic acid (PFBA)	0.38	U	0.38	0.096	ug/Kg	☼	10/15/25 14:09	10/17/25 01:40	1
Perfluoropentanoic acid (PFPeA)	0.19	U	0.19	0.096	ug/Kg	☼	10/15/25 14:09	10/17/25 01:40	1
Perfluorohexanoic acid (PFHxA)	0.19	U	0.19	0.096	ug/Kg	☼	10/15/25 14:09	10/17/25 01:40	1
Perfluoroheptanoic acid (PFHpA)	0.19	U	0.19	0.096	ug/Kg	☼	10/15/25 14:09	10/17/25 01:40	1
Perfluorooctanoic acid (PFOA)	**0.30**		0.19	0.057	ug/Kg	☼	10/15/25 14:09	10/17/25 01:40	1
Perfluorononanoic acid (PFNA)	**0.76**		0.19	0.096	ug/Kg	☼	10/15/25 14:09	10/17/25 01:40	1
Perfluorodecanoic acid (PFDA)	**0.079**	**J**	0.19	0.057	ug/Kg	☼	10/15/25 14:09	10/17/25 01:40	1
Perfluoroundecanoic acid (PFUnA)	**0.91**		0.19	0.096	ug/Kg	☼	10/15/25 14:09	10/17/25 01:40	1

Client Sample ID: 52E_4-8
Date Collected: 10/10/25 13:00
Date Received: 10/10/25 17:30

Lab Sample ID: 460-337049-10
Matrix: Solid
Percent Solids: 92.4

Method: EPA 1633A - Per- and Polyfluoroalkyl Substances by LC/MS/MS, 1633A (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Perfluorododecanoic acid (PFDoA)	**0.10**	**J**	0.19	0.096	ug/Kg	☼	10/15/25 14:09	10/17/25 01:40	1
Perfluorotridecanoic acid (PFTrDA)	0.19	U	0.19	0.096	ug/Kg	☼	10/15/25 14:09	10/17/25 01:40	1
Perfluorotetradecanoic acid (PFTeDA)	0.19	U	0.19	0.096	ug/Kg	☼	10/15/25 14:09	10/17/25 01:40	1
Perfluorobutanesulfonic acid (PFBS)	0.19	U	0.19	0.096	ug/Kg	☼	10/15/25 14:09	10/17/25 01:40	1
Perfluoropentanesulfonic acid (PFPeS)	0.19	U	0.19	0.096	ug/Kg	☼	10/15/25 14:09	10/17/25 01:40	1
Perfluorohexanesulfonic acid (PFHxS)	0.19	U	0.19	0.096	ug/Kg	☼	10/15/25 14:09	10/17/25 01:40	1
Perfluoroheptanesulfonic acid (PFHpS)	0.19	U	0.19	0.096	ug/Kg	☼	10/15/25 14:09	10/17/25 01:40	1
Perfluorooctanesulfonic acid (PFOS)	0.19	U	0.19	0.096	ug/Kg	☼	10/15/25 14:09	10/17/25 01:40	1
Perfluorononanesulfonic acid (PFNS)	0.19	U	0.19	0.096	ug/Kg	☼	10/15/25 14:09	10/17/25 01:40	1
Perfluorodecanesulfonic acid (PFDS)	0.19	U	0.19	0.096	ug/Kg	☼	10/15/25 14:09	10/17/25 01:40	1
Perfluorododecanesulfonic acid (PFDoS)	0.19	U	0.19	0.096	ug/Kg	☼	10/15/25 14:09	10/17/25 01:40	1
1H,1H,2H,2H-Perfluorohexane sulfonic acid (4:2 FTS)	0.38	U	0.38	0.19	ug/Kg	☼	10/15/25 14:09	10/17/25 01:40	1
1H,1H,2H,2H-Perfluorooctane sulfonic acid (6:2 FTS)	0.38	U	0.38	0.19	ug/Kg	☼	10/15/25 14:09	10/17/25 01:40	1
1H,1H,2H,2H-Perfluorodecane sulfonic acid (8:2 FTS)	0.38	U	0.38	0.19	ug/Kg	☼	10/15/25 14:09	10/17/25 01:40	1
Perfluorooctanesulfonamide (PFOSA)	0.19	U	0.19	0.096	ug/Kg	☼	10/15/25 14:09	10/17/25 01:40	1
N-methylperfluorooctane sulfonamide (NMeFOSA)	0.19	U	0.19	0.096	ug/Kg	☼	10/15/25 14:09	10/17/25 01:40	1
N-ethylperfluorooctane sulfonamide (NEtFOSA)	0.19	U	0.19	0.096	ug/Kg	☼	10/15/25 14:09	10/17/25 01:40	1
N-methylperfluorooctanesulfonamidoacetic acid (NMeFOSAA)	0.19	U	0.19	0.096	ug/Kg	☼	10/15/25 14:09	10/17/25 01:40	1
N-ethylperfluorooctanesulfonamidoacetic acid (NEtFOSAA)	0.19	U	0.19	0.096	ug/Kg	☼	10/15/25 14:09	10/17/25 01:40	1
N-methylperfluorooctane sulfonamidoethanol (NMeFOSE)	0.96	U	0.96	0.48	ug/Kg	☼	10/15/25 14:09	10/17/25 01:40	1
N-ethylperfluorooctane sulfonamidoethanol (NEtFOSE)	0.96	U	0.96	0.48	ug/Kg	☼	10/15/25 14:09	10/17/25 01:40	1
Hexafluoropropylene Oxide Dimer Acid (HFPO-DA)	0.19	U	0.19	0.096	ug/Kg	☼	10/15/25 14:09	10/17/25 01:40	1
4,8-Dioxa-3H-perfluorononanoic acid (ADONA)	0.19	U	0.19	0.096	ug/Kg	☼	10/15/25 14:09	10/17/25 01:40	1
Perfluoro-3-methoxypropanoic acid (PFMPA)	0.19	U	0.19	0.096	ug/Kg	☼	10/15/25 14:09	10/17/25 01:40	1
Perfluoro-4-methoxybutanoic acid (PFMBA)	0.19	U	0.19	0.096	ug/Kg	☼	10/15/25 14:09	10/17/25 01:40	1
Nonafluoro-3,6-dioxaheptanoic acid (NFDHA)	0.19	U	0.19	0.096	ug/Kg	☼	10/15/25 14:09	10/17/25 01:40	1
9-Chlorohexadecafluoro-3-oxanonane-1-sulfonic acid (9Cl-PF3ONS)	0.19	U	0.19	0.096	ug/Kg	☼	10/15/25 14:09	10/17/25 01:40	1
11-Chloroeicosafluoro-3-oxaundecane-1-sulfonic acid (11Cl-PF3OUdS)	0.19	U	0.19	0.096	ug/Kg	☼	10/15/25 14:09	10/17/25 01:40	1
Perfluoro (2-ethoxyethane) sulfonic acid (PFEESA)	0.19	U	0.19	0.096	ug/Kg	☼	10/15/25 14:09	10/17/25 01:40	1
3-Perfluoropropylpropanoic acid (3:3 FTCA)	0.38	U	0.38	0.19	ug/Kg	☼	10/15/25 14:09	10/17/25 01:40	1
3-Perfluoropentylpropanoic acid (5:3 FTCA)	0.96	U	0.96	0.48	ug/Kg	☼	10/15/25 14:09	10/17/25 01:40	1

Client Sample ID: 52E_4-8
Date Collected: 10/10/25 13:00
Date Received: 10/10/25 17:30

Lab Sample ID: 460-337049-10
Matrix: Solid
Percent Solids: 92.4

Method: EPA 1633A - Per- and Polyfluoroalkyl Substances by LC/MS/MS, 1633A (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
3-Perfluoroheptylpropanoic acid (7:3 FTCA)	0.96	U	0.96	0.48	ug/Kg	☼	10/15/25 14:09	10/17/25 01:40	1

Isotope Dilution	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
13C4 PFBA	*92.1*		*8 - 130*	*10/15/25 14:09*	*10/17/25 01:40*	*1*
13C5 PFPeA	*87.5*		*35 - 130*	*10/15/25 14:09*	*10/17/25 01:40*	*1*
13C5 PFHxA	*94.7*		*40 - 130*	*10/15/25 14:09*	*10/17/25 01:40*	*1*
13C4 PFHpA	*77.6*		*40 - 130*	*10/15/25 14:09*	*10/17/25 01:40*	*1*
13C8 PFOA	*96.8*		*40 - 130*	*10/15/25 14:09*	*10/17/25 01:40*	*1*
13C9 PFNA	*91.2*		*40 - 130*	*10/15/25 14:09*	*10/17/25 01:40*	*1*
13C6 PFDA	*89.1*		*40 - 130*	*10/15/25 14:09*	*10/17/25 01:40*	*1*
13C7 PFUnA	*85.4*		*40 - 130*	*10/15/25 14:09*	*10/17/25 01:40*	*1*
13C2 PFTeDA	*80.0*		*20 - 130*	*10/15/25 14:09*	*10/17/25 01:40*	*1*
13C3 PFBS	*77.9*		*40 - 135*	*10/15/25 14:09*	*10/17/25 01:40*	*1*
13C3 PFHxS	*85.7*		*40 - 130*	*10/15/25 14:09*	*10/17/25 01:40*	*1*
13C8 PFOS	*79.5*		*40 - 130*	*10/15/25 14:09*	*10/17/25 01:40*	*1*
13C8 FOSA	*99.5*		*40 - 130*	*10/15/25 14:09*	*10/17/25 01:40*	*1*
d3-NMeFOSAA	*92.3*		*40 - 135*	*10/15/25 14:09*	*10/17/25 01:40*	*1*
d5-NEtFOSAA	*92.6*		*40 - 150*	*10/15/25 14:09*	*10/17/25 01:40*	*1*
13C2 4:2 FTS	*132*		*40 - 165*	*10/15/25 14:09*	*10/17/25 01:40*	*1*
13C2 6:2 FTS	*155*		*40 - 215*	*10/15/25 14:09*	*10/17/25 01:40*	*1*
13C2 8:2 FTS	*236*		*40 - 275*	*10/15/25 14:09*	*10/17/25 01:40*	*1*
13C3 HFPO-DA	*94.1*		*40 - 130*	*10/15/25 14:09*	*10/17/25 01:40*	*1*
d7-N-MeFOSE-M	*73.6*		*20 - 130*	*10/15/25 14:09*	*10/17/25 01:40*	*1*
d9-N-EtFOSE-M	*65.1*		*15 - 130*	*10/15/25 14:09*	*10/17/25 01:40*	*1*
d5-NEtPFOSA	*71.2*		*10 - 130*	*10/15/25 14:09*	*10/17/25 01:40*	*1*
d3-NMePFOSA	*73.5*		*10 - 130*	*10/15/25 14:09*	*10/17/25 01:40*	*1*
13C2 PFDoA	*78.3*		*40 - 130*	*10/15/25 14:09*	*10/17/25 01:40*	*1*

Method: SW846 6020B - Metals (ICP/MS)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Aluminum	**8420**		16.3	4.5	mg/Kg	☼	10/17/25 20:20	10/18/25 18:37	1
Antimony	**3.2**		0.81	0.12	mg/Kg	☼	10/17/25 20:20	10/18/25 18:37	1
Arsenic	**7.8**		0.81	0.084	mg/Kg	☼	10/17/25 20:20	10/18/25 18:37	1
Barium	**80.6**		1.6	0.12	mg/Kg	☼	10/17/25 20:20	10/18/25 18:37	1
Beryllium	**0.98**		0.33	0.018	mg/Kg	☼	10/17/25 20:20	10/18/25 18:37	1
Cadmium	**0.77**	J	0.81	0.092	mg/Kg	☼	10/17/25 20:20	10/18/25 18:37	1
Calcium	**1340**		81.4	7.9	mg/Kg	☼	10/17/25 20:20	10/18/25 18:37	1
Chromium	**25.7**		1.6	0.24	mg/Kg	☼	10/17/25 20:20	10/18/25 18:37	1
Cobalt	**19.1**		0.81	0.12	mg/Kg	☼	10/17/25 20:20	10/18/25 18:37	1
Copper	**91.0**		1.6	0.30	mg/Kg	☼	10/17/25 20:20	10/18/25 18:37	1
Iron	**22000**		48.8	6.2	mg/Kg	☼	10/17/25 20:20	10/18/25 18:37	1
Lead	**213**		0.49	0.16	mg/Kg	☼	10/17/25 20:20	10/18/25 18:37	1
Magnesium	**2410**		81.4	8.3	mg/Kg	☼	10/17/25 20:20	10/18/25 18:37	1
Manganese	**437**		3.3	0.33	mg/Kg	☼	10/17/25 20:20	10/18/25 18:37	1
Nickel	**43.7**		1.6	0.14	mg/Kg	☼	10/17/25 20:20	10/18/25 18:37	1
Potassium	**1230**		81.4	13.2	mg/Kg	☼	10/17/25 20:20	10/18/25 18:37	1
Selenium	**0.39**	J	1.0	0.10	mg/Kg	☼	10/17/25 20:20	10/18/25 18:37	1
Silver	**0.40**		0.33	0.072	mg/Kg	☼	10/17/25 20:20	10/18/25 18:37	1
Sodium	**96.4**		81.4	37.2	mg/Kg	☼	10/17/25 20:20	10/18/25 18:37	1
Thallium	**0.13**	J	0.33	0.033	mg/Kg	☼	10/17/25 20:20	10/18/25 18:37	1

Client Sample ID: 52E_4-8

Date Collected: 10/10/25 13:00
Date Received: 10/10/25 17:30

Lab Sample ID: 460-337049-10

Matrix: Solid
Percent Solids: 92.4

Method: SW846 6020B - Metals (ICP/MS) (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Vanadium	30.1		1.6	0.17	mg/Kg	☼	10/17/25 20:20	10/18/25 18:37	1
Zinc	277		6.5	0.89	mg/Kg	☼	10/17/25 20:20	10/18/25 18:37	1

Method: SW846 7471B - Mercury (CVAA)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	0.043		0.018	0.0082	mg/Kg	☼	10/22/25 01:14	10/22/25 07:28	1

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Percent Moisture (EPA Moisture)	7.6		1.0	1.0	%			10/13/25 17:10	1
Percent Solids (EPA Moisture)	92.4		1.0	1.0	%			10/13/25 17:10	1

Client Sample ID: 51A_0-4

Date Collected: 10/10/25 08:20
Date Received: 10/10/25 17:30

Lab Sample ID: 460-337049-11

Matrix: Solid
Percent Solids: 96.0

Method: SW846 8260D - Volatile Organic Compounds by GC/MS

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1-Trichloroethane	0.0010	U	0.0010	0.00023	mg/Kg	☼	10/14/25 13:16	10/15/25 21:18	1
1,1,2,2-Tetrachloroethane	0.0010	U	0.0010	0.00052	mg/Kg	☼	10/14/25 13:16	10/15/25 21:18	1
1,1,2-Trichloro-1,2,2-trifluoroethane	0.0010	U	0.0010	0.00030	mg/Kg	☼	10/14/25 13:16	10/15/25 21:18	1
1,1,2-Trichloroethane	0.0010	U	0.0010	0.00060	mg/Kg	☼	10/14/25 13:16	10/15/25 21:18	1
1,1-Dichloroethane	0.0010	U	0.0010	0.00059	mg/Kg	☼	10/14/25 13:16	10/15/25 21:18	1
1,1-Dichloroethene	0.0010	U	0.0010	0.00022	mg/Kg	☼	10/14/25 13:16	10/15/25 21:18	1
1,2,3-Trichlorobenzene	0.0010	U	0.0010	0.00073	mg/Kg	☼	10/14/25 13:16	10/15/25 21:18	1
1,2,4-Trichlorobenzene	0.0010	U	0.0010	0.00036	mg/Kg	☼	10/14/25 13:16	10/15/25 21:18	1
1,2,4-Trimethylbenzene	0.0010	U	0.0010	0.00024	mg/Kg	☼	10/14/25 13:16	10/15/25 21:18	1
1,2-Dibromo-3-Chloropropane	0.0010	U	0.0010	0.00046	mg/Kg	☼	10/14/25 13:16	10/15/25 21:18	1
1,2-Dichlorobenzene	0.0010	U	0.0010	0.00036	mg/Kg	☼	10/14/25 13:16	10/15/25 21:18	1
1,2-Dichloroethane	0.0010	U	0.0010	0.00029	mg/Kg	☼	10/14/25 13:16	10/15/25 21:18	1
1,2-Dichloropropane	0.0010	U	0.0010	0.00042	mg/Kg	☼	10/14/25 13:16	10/15/25 21:18	1
1,3,5-Trimethylbenzene	0.0010	U	0.0010	0.00031	mg/Kg	☼	10/14/25 13:16	10/15/25 21:18	1
1,3-Dichlorobenzene	0.0010	U	0.0010	0.00036	mg/Kg	☼	10/14/25 13:16	10/15/25 21:18	1
1,4-Dichlorobenzene	0.0010	U	0.0010	0.00052	mg/Kg	☼	10/14/25 13:16	10/15/25 21:18	1
2-Butanone (MEK)	0.0050	U	0.0050	0.00037	mg/Kg	☼	10/14/25 13:16	10/15/25 21:18	1
2-Hexanone	0.0050	U	0.0050	0.0017	mg/Kg	☼	10/14/25 13:16	10/15/25 21:18	1
4-Methyl-2-pentanone (MIBK)	0.0050	U	0.0050	0.0015	mg/Kg	☼	10/14/25 13:16	10/15/25 21:18	1
Acetone	0.0060	U	0.0060	0.0057	mg/Kg	☼	10/14/25 13:16	10/15/25 21:18	1
Benzene	0.0010	U	0.0010	0.00056	mg/Kg	☼	10/14/25 13:16	10/15/25 21:18	1
Bromoform	0.0010	U	0.0010	0.00042	mg/Kg	☼	10/14/25 13:16	10/15/25 21:18	1
Bromomethane	0.0020	U	0.0020	0.0010	mg/Kg	☼	10/14/25 13:16	10/15/25 21:18	1
Carbon disulfide	0.0010	U	0.0010	0.00026	mg/Kg	☼	10/14/25 13:16	10/15/25 21:18	1
Carbon tetrachloride	0.0010	U	0.0010	0.00039	mg/Kg	☼	10/14/25 13:16	10/15/25 21:18	1
Chlorobenzene	0.0010	U	0.0010	0.00050	mg/Kg	☼	10/14/25 13:16	10/15/25 21:18	1
Chlorobromomethane	0.0010	U	0.0010	0.00059	mg/Kg	☼	10/14/25 13:16	10/15/25 21:18	1
Chlorodibromomethane	0.0010	U	0.0010	0.00053	mg/Kg	☼	10/14/25 13:16	10/15/25 21:18	1
Chloroethane	0.0010	U	0.0010	0.00052	mg/Kg	☼	10/14/25 13:16	10/15/25 21:18	1
Chloroform	0.0010	U	0.0010	0.00097	mg/Kg	☼	10/14/25 13:16	10/15/25 21:18	1
Chloromethane	0.0010	U	0.0010	0.00043	mg/Kg	☼	10/14/25 13:16	10/15/25 21:18	1
cis-1,2-Dichloroethene	0.0010	U	0.0010	0.00036	mg/Kg	☼	10/14/25 13:16	10/15/25 21:18	1

Client Sample ID: 51A_0-4
Date Collected: 10/10/25 08:20
Date Received: 10/10/25 17:30

Lab Sample ID: 460-337049-11
Matrix: Solid
Percent Solids: 96.0

Method: SW846 8260D - Volatile Organic Compounds by GC/MS (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
cis-1,3-Dichloropropene	0.0010	U	0.0010	0.00027	mg/Kg	☼	10/14/25 13:16	10/15/25 21:18	1
Cyclohexane	0.0010	U	0.0010	0.00022	mg/Kg	☼	10/14/25 13:16	10/15/25 21:18	1
Dichlorobromomethane	0.0010	U	0.0010	0.00026	mg/Kg	☼	10/14/25 13:16	10/15/25 21:18	1
Dichlorodifluoromethane	0.0010	U	0.0010	0.00034	mg/Kg	☼	10/14/25 13:16	10/15/25 21:18	1
Ethylbenzene	0.0010	U	0.0010	0.00047	mg/Kg	☼	10/14/25 13:16	10/15/25 21:18	1
Ethylene Dibromide	0.0010	U	0.0010	0.00050	mg/Kg	☼	10/14/25 13:16	10/15/25 21:18	1
Isopropylbenzene	0.0010	U	0.0010	0.00028	mg/Kg	☼	10/14/25 13:16	10/15/25 21:18	1
Methyl acetate	0.0050	U	0.0050	0.0043	mg/Kg	☼	10/14/25 13:16	10/15/25 21:18	1
Methyl tert-butyl ether	0.0010	U	0.0010	0.00051	mg/Kg	☼	10/14/25 13:16	10/15/25 21:18	1
Methylcyclohexane	0.0010	U	0.0010	0.00050	mg/Kg	☼	10/14/25 13:16	10/15/25 21:18	1
Methylene Chloride	**0.0011**	**J**	0.0020	0.0011	mg/Kg	☼	10/14/25 13:16	10/15/25 21:18	1
m-Xylene & p-Xylene	0.0010	U	0.0010	0.00042	mg/Kg	☼	10/14/25 13:16	10/15/25 21:18	1
n-Butylbenzene	0.0010	U	0.0010	0.00029	mg/Kg	☼	10/14/25 13:16	10/15/25 21:18	1
N-Propylbenzene	0.0010	U	0.0010	0.00045	mg/Kg	☼	10/14/25 13:16	10/15/25 21:18	1
o-Xylene	0.0010	U	0.0010	0.00046	mg/Kg	☼	10/14/25 13:16	10/15/25 21:18	1
sec-Butylbenzene	0.0010	U	0.0010	0.00029	mg/Kg	☼	10/14/25 13:16	10/15/25 21:18	1
Styrene	0.0010	U	0.0010	0.00028	mg/Kg	☼	10/14/25 13:16	10/15/25 21:18	1
tert-Butylbenzene	0.0010	U	0.0010	0.00027	mg/Kg	☼	10/14/25 13:16	10/15/25 21:18	1
Tetrachloroethene	0.0010	U	0.0010	0.00030	mg/Kg	☼	10/14/25 13:16	10/15/25 21:18	1
Toluene	0.0010	U	0.0010	0.00023	mg/Kg	☼	10/14/25 13:16	10/15/25 21:18	1
trans-1,2-Dichloroethene	0.0010	U	0.0010	0.00024	mg/Kg	☼	10/14/25 13:16	10/15/25 21:18	1
trans-1,3-Dichloropropene	0.0010	U	0.0010	0.00026	mg/Kg	☼	10/14/25 13:16	10/15/25 21:18	1
Trichloroethene	0.0010	U	0.0010	0.00032	mg/Kg	☼	10/14/25 13:16	10/15/25 21:18	1
Trichlorofluoromethane	0.0010	U	0.0010	0.00040	mg/Kg	☼	10/14/25 13:16	10/15/25 21:18	1
Vinyl chloride	0.0010	U	0.0010	0.00054	mg/Kg	☼	10/14/25 13:16	10/15/25 21:18	1
Xylenes, Total	0.0020	U	0.0020	0.00017	mg/Kg	☼	10/14/25 13:16	10/15/25 21:18	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,2-Dichloroethane-d4 (Surr)	*109*		*65 - 138*	*10/14/25 13:16*	*10/15/25 21:18*	*1*
4-Bromofluorobenzene	*102*		*71 - 128*	*10/14/25 13:16*	*10/15/25 21:18*	*1*
Dibromofluoromethane (Surr)	*103*		*50 - 150*	*10/14/25 13:16*	*10/15/25 21:18*	*1*
Toluene-d8 (Surr)	*95*		*71 - 126*	*10/14/25 13:16*	*10/15/25 21:18*	*1*

Method: SW846 8270E - Semivolatile Organic Compounds (GC/MS)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1'-Biphenyl	0.34	U	0.34	0.012	mg/Kg	☼	10/13/25 10:32	10/14/25 06:28	1
1,2,4,5-Tetrachlorobenzene	0.34	U	0.34	0.011	mg/Kg	☼	10/13/25 10:32	10/14/25 06:28	1
1,4-Dioxane	0.034	U	0.034	0.030	mg/Kg	☼	10/13/25 10:32	10/14/25 06:28	1
2,2'-oxybis[1-chloropropane]	0.34	U	0.34	0.021	mg/Kg	☼	10/13/25 10:32	10/14/25 06:28	1
2,3,4,6-Tetrachlorophenol	0.34	U	0.34	0.023	mg/Kg	☼	10/13/25 10:32	10/14/25 06:28	1
2,4,5-Trichlorophenol	0.34	U	0.34	0.035	mg/Kg	☼	10/13/25 10:32	10/14/25 06:28	1
2,4,6-Trichlorophenol	0.14	U	0.14	0.044	mg/Kg	☼	10/13/25 10:32	10/14/25 06:28	1
2,4-Dichlorophenol	0.14	U	0.14	0.022	mg/Kg	☼	10/13/25 10:32	10/14/25 06:28	1
2,4-Dimethylphenol	0.34	U	0.34	0.041	mg/Kg	☼	10/13/25 10:32	10/14/25 06:28	1
2,4-Dinitrophenol	0.28	U *	0.28	0.17	mg/Kg	☼	10/13/25 10:32	10/14/25 06:28	1
2,4-Dinitrotoluene	0.070	U	0.070	0.037	mg/Kg	☼	10/13/25 10:32	10/14/25 06:28	1
2,6-Dinitrotoluene	0.070	U	0.070	0.025	mg/Kg	☼	10/13/25 10:32	10/14/25 06:28	1
2-Chloronaphthalene	0.34	U	0.34	0.044	mg/Kg	☼	10/13/25 10:32	10/14/25 06:28	1
2-Chlorophenol	0.34	U	0.34	0.012	mg/Kg	☼	10/13/25 10:32	10/14/25 06:28	1
2-Methylnaphthalene	0.34	U	0.34	0.0096	mg/Kg	☼	10/13/25 10:32	10/14/25 06:28	1

Client Sample ID: 51A_0-4
Date Collected: 10/10/25 08:20
Date Received: 10/10/25 17:30

Lab Sample ID: 460-337049-11
Matrix: Solid
Percent Solids: 96.0

Method: SW846 8270E - Semivolatile Organic Compounds (GC/MS) (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
2-Methylphenol	0.34	U	0.34	0.013	mg/Kg	☼	10/13/25 10:32	10/14/25 06:28	1
2-Nitroaniline	0.34	U	0.34	0.026	mg/Kg	☼	10/13/25 10:32	10/14/25 06:28	1
2-Nitrophenol	0.34	U	0.34	0.035	mg/Kg	☼	10/13/25 10:32	10/14/25 06:28	1
3 & 4 Methylphenol	0.34	U	0.34	0.021	mg/Kg	☼	10/13/25 10:32	10/14/25 06:28	1
3,3'-Dichlorobenzidine	0.14	U	0.14	0.052	mg/Kg	☼	10/13/25 10:32	10/14/25 06:28	1
3-Nitroaniline	0.34	U	0.34	0.082	mg/Kg	☼	10/13/25 10:32	10/14/25 06:28	1
4,6-Dinitro-2-methylphenol	0.28	U *	0.28	0.14	mg/Kg	☼	10/13/25 10:32	10/14/25 06:28	1
4-Bromophenyl phenyl ether	0.34	U	0.34	0.014	mg/Kg	☼	10/13/25 10:32	10/14/25 06:28	1
4-Chloro-3-methylphenol	0.34	U	0.34	0.019	mg/Kg	☼	10/13/25 10:32	10/14/25 06:28	1
4-Chloroaniline	0.34	U	0.34	0.061	mg/Kg	☼	10/13/25 10:32	10/14/25 06:28	1
4-Chlorophenyl phenyl ether	0.34	U	0.34	0.012	mg/Kg	☼	10/13/25 10:32	10/14/25 06:28	1
4-Methylphenol	0.34	U	0.34	0.022	mg/Kg	☼	10/13/25 10:32	10/14/25 06:28	1
4-Nitroaniline	0.34	U	0.34	0.087	mg/Kg	☼	10/13/25 10:32	10/14/25 06:28	1
4-Nitrophenol	0.70	U	0.70	0.056	mg/Kg	☼	10/13/25 10:32	10/14/25 06:28	1
Acenaphthene	0.34	U	0.34	0.0098	mg/Kg	☼	10/13/25 10:32	10/14/25 06:28	1
Acenaphthylene	0.34	U	0.34	0.0099	mg/Kg	☼	10/13/25 10:32	10/14/25 06:28	1
Acetophenone	0.34	U	0.34	0.017	mg/Kg	☼	10/13/25 10:32	10/14/25 06:28	1
Anthracene	0.34	U	0.34	0.010	mg/Kg	☼	10/13/25 10:32	10/14/25 06:28	1
Atrazine	0.14	U	0.14	0.020	mg/Kg	☼	10/13/25 10:32	10/14/25 06:28	1
Benzaldehyde	0.34	U	0.34	0.057	mg/Kg	☼	10/13/25 10:32	10/14/25 06:28	1
Benzo[a]anthracene	0.034	U	0.034	0.026	mg/Kg	☼	10/13/25 10:32	10/14/25 06:28	1
Benzo[a]pyrene	0.034	U	0.034	0.0092	mg/Kg	☼	10/13/25 10:32	10/14/25 06:28	1
Benzo[b]fluoranthene	**0.013**	**J**	0.034	0.0089	mg/Kg	☼	10/13/25 10:32	10/14/25 06:28	1
Benzo[g,h,i]perylene	0.34	U	0.34	0.010	mg/Kg	☼	10/13/25 10:32	10/14/25 06:28	1
Benzo[k]fluoranthene	0.034	U	0.034	0.0068	mg/Kg	☼	10/13/25 10:32	10/14/25 06:28	1
Bis(2-chloroethoxy)methane	0.34	U	0.34	0.064	mg/Kg	☼	10/13/25 10:32	10/14/25 06:28	1
Bis(2-chloroethyl)ether	0.034	U	0.034	0.012	mg/Kg	☼	10/13/25 10:32	10/14/25 06:28	1
Bis(2-ethylhexyl) phthalate	0.34	U	0.34	0.018	mg/Kg	☼	10/13/25 10:32	10/14/25 06:28	1
Butyl benzyl phthalate	0.34	U	0.34	0.016	mg/Kg	☼	10/13/25 10:32	10/14/25 06:28	1
Caprolactam	0.34	U	0.34	0.054	mg/Kg	☼	10/13/25 10:32	10/14/25 06:28	1
Carbazole	0.34	U	0.34	0.013	mg/Kg	☼	10/13/25 10:32	10/14/25 06:28	1
Chrysene	**0.015**	**J**	0.34	0.014	mg/Kg	☼	10/13/25 10:32	10/14/25 06:28	1
Dibenz(a,h)anthracene	0.034	U	0.034	0.015	mg/Kg	☼	10/13/25 10:32	10/14/25 06:28	1
Dibenzofuran	0.34	U	0.34	0.011	mg/Kg	☼	10/13/25 10:32	10/14/25 06:28	1
Diethyl phthalate	0.34	U	0.34	0.011	mg/Kg	☼	10/13/25 10:32	10/14/25 06:28	1
Dimethyl phthalate	0.34	U	0.34	0.078	mg/Kg	☼	10/13/25 10:32	10/14/25 06:28	1
Di-n-butyl phthalate	**0.025**	**J**	0.34	0.013	mg/Kg	☼	10/13/25 10:32	10/14/25 06:28	1
Di-n-octyl phthalate	0.34	U	0.34	0.018	mg/Kg	☼	10/13/25 10:32	10/14/25 06:28	1
Fluoranthene	**0.013**	**J**	0.34	0.012	mg/Kg	☼	10/13/25 10:32	10/14/25 06:28	1
Fluorene	0.34	U	0.34	0.010	mg/Kg	☼	10/13/25 10:32	10/14/25 06:28	1
Hexachlorobenzene	0.034	U	0.034	0.016	mg/Kg	☼	10/13/25 10:32	10/14/25 06:28	1
Hexachlorobutadiene	0.070	U	0.070	0.0073	mg/Kg	☼	10/13/25 10:32	10/14/25 06:28	1
Hexachlorocyclopentadiene	0.34	U	0.34	0.030	mg/Kg	☼	10/13/25 10:32	10/14/25 06:28	1
Hexachloroethane	0.034	U	0.034	0.012	mg/Kg	☼	10/13/25 10:32	10/14/25 06:28	1
Indeno[1,2,3-cd]pyrene	0.034	U	0.034	0.013	mg/Kg	☼	10/13/25 10:32	10/14/25 06:28	1
Isophorone	0.14	U	0.14	0.10	mg/Kg	☼	10/13/25 10:32	10/14/25 06:28	1
Naphthalene	**0.0061**	**J**	0.34	0.0060	mg/Kg	☼	10/13/25 10:32	10/14/25 06:28	1
Nitrobenzene	0.034	U	0.034	0.019	mg/Kg	☼	10/13/25 10:32	10/14/25 06:28	1
N-Nitrosodi-n-propylamine	0.034	U	0.034	0.025	mg/Kg	☼	10/13/25 10:32	10/14/25 06:28	1

Client Sample ID: 51A_0-4
Date Collected: 10/10/25 08:20
Date Received: 10/10/25 17:30

Lab Sample ID: 460-337049-11
Matrix: Solid
Percent Solids: 96.0

Method: SW846 8270E - Semivolatile Organic Compounds (GC/MS) (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
N-Nitrosodiphenylamine	0.34	U	0.34	0.028	mg/Kg	☼	10/13/25 10:32	10/14/25 06:28	1
Pentachlorophenol	0.28	U	0.28	0.071	mg/Kg	☼	10/13/25 10:32	10/14/25 06:28	1
Phenanthrene	0.34	U	0.34	0.014	mg/Kg	☼	10/13/25 10:32	10/14/25 06:28	1
Phenol	0.34	U	0.34	0.013	mg/Kg	☼	10/13/25 10:32	10/14/25 06:28	1
Pyrene	**0.011**	**J**	0.34	0.0086	mg/Kg	☼	10/13/25 10:32	10/14/25 06:28	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
2,4,6-Tribromophenol (Surr)	*80*		*18 - 137*	*10/13/25 10:32*	*10/14/25 06:28*	*1*
2-Fluorobiphenyl	*76*		*33 - 117*	*10/13/25 10:32*	*10/14/25 06:28*	*1*
2-Fluorophenol (Surr)	*78*		*24 - 120*	*10/13/25 10:32*	*10/14/25 06:28*	*1*
Nitrobenzene-d5 (Surr)	*71*		*27 - 120*	*10/13/25 10:32*	*10/14/25 06:28*	*1*
Phenol-d5 (Surr)	*77*		*28 - 118*	*10/13/25 10:32*	*10/14/25 06:28*	*1*
Terphenyl-d14 (Surr)	*81*		*33 - 124*	*10/13/25 10:32*	*10/14/25 06:28*	*1*

Method: SW846 8081B - Organochlorine Pesticides (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
4,4'-DDD	0.0069	U	0.0069	0.0012	mg/Kg	☼	10/13/25 06:39	10/15/25 06:49	1
4,4'-DDE	0.0069	U	0.0069	0.00082	mg/Kg	☼	10/13/25 06:39	10/15/25 06:49	1
4,4'-DDT	0.0069	U	0.0069	0.0013	mg/Kg	☼	10/13/25 06:39	10/15/25 06:49	1
Aldrin	0.0069	U	0.0069	0.0010	mg/Kg	☼	10/13/25 06:39	10/15/25 06:49	1
alpha-BHC	0.0021	U	0.0021	0.00070	mg/Kg	☼	10/13/25 06:39	10/15/25 06:49	1
beta-BHC	0.0021	U	0.0021	0.00078	mg/Kg	☼	10/13/25 06:39	10/15/25 06:49	1
Chlordane (technical)	0.069	U	0.069	0.017	mg/Kg	☼	10/13/25 06:39	10/15/25 06:49	1
cis-Chlordane	0.0069	U	0.0069	0.0011	mg/Kg	☼	10/13/25 06:39	10/15/25 06:49	1
delta-BHC	0.0021	U	0.0021	0.00042	mg/Kg	☼	10/13/25 06:39	10/15/25 06:49	1
Dieldrin	0.0021	U	0.0021	0.00090	mg/Kg	☼	10/13/25 06:39	10/15/25 06:49	1
Endosulfan I	0.0069	U	0.0069	0.0011	mg/Kg	☼	10/13/25 06:39	10/15/25 06:49	1
Endosulfan II	0.0069	U	0.0069	0.0018	mg/Kg	☼	10/13/25 06:39	10/15/25 06:49	1
Endosulfan sulfate	0.0069	U	0.0069	0.00087	mg/Kg	☼	10/13/25 06:39	10/15/25 06:49	1
Endrin	0.0069	U	0.0069	0.00099	mg/Kg	☼	10/13/25 06:39	10/15/25 06:49	1
Endrin aldehyde	0.0069	U	0.0069	0.0016	mg/Kg	☼	10/13/25 06:39	10/15/25 06:49	1
Endrin ketone	0.0069	U	0.0069	0.0013	mg/Kg	☼	10/13/25 06:39	10/15/25 06:49	1
gamma-BHC (Lindane)	0.0021	U	0.0021	0.00064	mg/Kg	☼	10/13/25 06:39	10/15/25 06:49	1
Heptachlor	0.0069	U	0.0069	0.00082	mg/Kg	☼	10/13/25 06:39	10/15/25 06:49	1
Heptachlor epoxide	0.0069	U	0.0069	0.0010	mg/Kg	☼	10/13/25 06:39	10/15/25 06:49	1
Methoxychlor	0.0069	U	0.0069	0.0016	mg/Kg	☼	10/13/25 06:39	10/15/25 06:49	1
Toxaphene	0.069	U	0.069	0.025	mg/Kg	☼	10/13/25 06:39	10/15/25 06:49	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
DCB Decachlorobiphenyl	*95*		*10 - 150*	*10/13/25 06:39*	*10/15/25 06:49*	*1*
DCB Decachlorobiphenyl	*95*		*10 - 150*	*10/13/25 06:39*	*10/15/25 06:49*	*1*
Tetrachloro-m-xylene	*114*		*14 - 150*	*10/13/25 06:39*	*10/15/25 06:49*	*1*
Tetrachloro-m-xylene	*117*		*14 - 150*	*10/13/25 06:39*	*10/15/25 06:49*	*1*

Method: SW846 8082A - Polychlorinated Biphenyls (PCBs) by Gas Chromatography

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Aroclor 1016	0.069	U	0.069	0.018	mg/Kg	☼	10/13/25 06:42	10/14/25 22:42	1
Aroclor 1221	0.069	U	0.069	0.018	mg/Kg	☼	10/13/25 06:42	10/14/25 22:42	1
Aroclor 1232	0.069	U	0.069	0.018	mg/Kg	☼	10/13/25 06:42	10/14/25 22:42	1
Aroclor 1242	0.069	U	0.069	0.018	mg/Kg	☼	10/13/25 06:42	10/14/25 22:42	1

Client Sample ID: 51A_0-4
Date Collected: 10/10/25 08:20
Date Received: 10/10/25 17:30

Lab Sample ID: 460-337049-11
Matrix: Solid
Percent Solids: 96.0

Method: SW846 8082A - Polychlorinated Biphenyls (PCBs) by Gas Chromatography (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Aroclor 1248	0.069	U	0.069	0.018	mg/Kg	☼	10/13/25 06:42	10/14/25 22:42	1
Aroclor 1254	0.069	U	0.069	0.018	mg/Kg	☼	10/13/25 06:42	10/14/25 22:42	1
Aroclor 1260	0.069	U	0.069	0.018	mg/Kg	☼	10/13/25 06:42	10/14/25 22:42	1
Aroclor-1262	0.069	U	0.069	0.018	mg/Kg	☼	10/13/25 06:42	10/14/25 22:42	1
Aroclor 1268	0.069	U	0.069	0.018	mg/Kg	☼	10/13/25 06:42	10/14/25 22:42	1
Polychlorinated biphenyls, Total	0.069	U	0.069	0.018	mg/Kg	☼	10/13/25 06:42	10/14/25 22:42	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
DCB Decachlorobiphenyl	*100*		*10 - 150*	*10/13/25 06:42*	*10/14/25 22:42*	*1*
DCB Decachlorobiphenyl	*102*		*10 - 150*	*10/13/25 06:42*	*10/14/25 22:42*	*1*
Tetrachloro-m-xylene	*128*		*10 - 150*	*10/13/25 06:42*	*10/14/25 22:42*	*1*
Tetrachloro-m-xylene	*133*		*10 - 150*	*10/13/25 06:42*	*10/14/25 22:42*	*1*

Method: EPA 1633A - Per- and Polyfluoroalkyl Substances by LC/MS/MS, 1633A

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Perfluorobutanoic acid (PFBA)	0.38	U	0.38	0.096	ug/Kg	☼	10/15/25 14:09	10/17/25 13:25	1
Perfluoropentanoic acid (PFPeA)	0.19	U	0.19	0.096	ug/Kg	☼	10/15/25 14:09	10/17/25 13:25	1
Perfluorohexanoic acid (PFHxA)	0.19	U	0.19	0.096	ug/Kg	☼	10/15/25 14:09	10/17/25 13:25	1
Perfluoroheptanoic acid (PFHpA)	0.19	U	0.19	0.096	ug/Kg	☼	10/15/25 14:09	10/17/25 13:25	1
Perfluorooctanoic acid (PFOA)	**0.097**	**J**	0.19	0.057	ug/Kg	☼	10/15/25 14:09	10/17/25 13:25	1
Perfluorononanoic acid (PFNA)	**3.01**		0.19	0.096	ug/Kg	☼	10/15/25 14:09	10/17/25 13:25	1
Perfluorodecanoic acid (PFDA)	**0.11**	**J**	0.19	0.057	ug/Kg	☼	10/15/25 14:09	10/17/25 13:25	1
Perfluoroundecanoic acid (PFUnA)	**3.77**		0.19	0.096	ug/Kg	☼	10/15/25 14:09	10/17/25 13:25	1
Perfluorododecanoic acid (PFDoA)	**0.23**		0.19	0.096	ug/Kg	☼	10/15/25 14:09	10/17/25 13:25	1
Perfluorotridecanoic acid (PFTrDA)	**20.0**		0.19	0.096	ug/Kg	☼	10/15/25 14:09	10/17/25 13:25	1
Perfluorotetradecanoic acid (PFTeDA)	0.19	U	0.19	0.096	ug/Kg	☼	10/15/25 14:09	10/17/25 13:25	1
Perfluorobutanesulfonic acid (PFBS)	0.19	U	0.19	0.096	ug/Kg	☼	10/15/25 14:09	10/17/25 13:25	1
Perfluoropentanesulfonic acid (PFPeS)	0.19	U	0.19	0.096	ug/Kg	☼	10/15/25 14:09	10/17/25 13:25	1
Perfluorohexanesulfonic acid (PFHxS)	0.19	U	0.19	0.096	ug/Kg	☼	10/15/25 14:09	10/17/25 13:25	1
Perfluoroheptanesulfonic acid (PFHpS)	0.19	U	0.19	0.096	ug/Kg	☼	10/15/25 14:09	10/17/25 13:25	1
Perfluorooctanesulfonic acid (PFOS)	0.19	U	0.19	0.096	ug/Kg	☼	10/15/25 14:09	10/17/25 13:25	1
Perfluorononanesulfonic acid (PFNS)	0.19	U	0.19	0.096	ug/Kg	☼	10/15/25 14:09	10/17/25 13:25	1
Perfluorodecanesulfonic acid (PFDS)	0.19	U	0.19	0.096	ug/Kg	☼	10/15/25 14:09	10/17/25 13:25	1
Perfluorododecanesulfonic acid (PFDoS)	0.19	U	0.19	0.096	ug/Kg	☼	10/15/25 14:09	10/17/25 13:25	1
1H,1H,2H,2H-Perfluorohexane sulfonic acid (4:2 FTS)	0.38	U	0.38	0.19	ug/Kg	☼	10/15/25 14:09	10/17/25 13:25	1
1H,1H,2H,2H-Perfluorooctane sulfonic acid (6:2 FTS)	0.38	U	0.38	0.19	ug/Kg	☼	10/15/25 14:09	10/17/25 13:25	1
1H,1H,2H,2H-Perfluorodecane sulfonic acid (8:2 FTS)	0.38	U	0.38	0.19	ug/Kg	☼	10/15/25 14:09	10/17/25 13:25	1
Perfluorooctanesulfonamide (PFOSA)	0.19	U	0.19	0.096	ug/Kg	☼	10/15/25 14:09	10/17/25 13:25	1
N-methylperfluorooctane sulfonamide (NMeFOSA)	0.19	U	0.19	0.096	ug/Kg	☼	10/15/25 14:09	10/17/25 13:25	1
N-ethylperfluorooctane sulfonamide (NEtFOSA)	0.19	U	0.19	0.096	ug/Kg	☼	10/15/25 14:09	10/17/25 13:25	1
N-methylperfluorooctanesulfonamidoa cetic acid (NMeFOSAA)	0.19	U	0.19	0.096	ug/Kg	☼	10/15/25 14:09	10/17/25 13:25	1

Client Sample ID: 51A_0-4
Date Collected: 10/10/25 08:20
Date Received: 10/10/25 17:30

Lab Sample ID: 460-337049-11
Matrix: Solid
Percent Solids: 96.0

Method: EPA 1633A - Per- and Polyfluoroalkyl Substances by LC/MS/MS, 1633A (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
N-ethylperfluorooctanesulfonamidoacetic acid (NEtFOSAA)	0.19	U	0.19	0.096	ug/Kg	☼	10/15/25 14:09	10/17/25 13:25	1
N-methylperfluorooctane sulfonamidoethanol (NMeFOSE)	0.96	U	0.96	0.48	ug/Kg	☼	10/15/25 14:09	10/17/25 13:25	1
N-ethylperfluorooctane sulfonamidoethanol (NEtFOSE)	0.96	U	0.96	0.48	ug/Kg	☼	10/15/25 14:09	10/17/25 13:25	1
Hexafluoropropylene Oxide Dimer Acid (HFPO-DA)	0.19	U	0.19	0.096	ug/Kg	☼	10/15/25 14:09	10/17/25 13:25	1
4,8-Dioxa-3H-perfluorononanoic acid (ADONA)	0.19	U	0.19	0.096	ug/Kg	☼	10/15/25 14:09	10/17/25 13:25	1
Perfluoro-3-methoxypropanoic acid (PFMPA)	0.19	U	0.19	0.096	ug/Kg	☼	10/15/25 14:09	10/17/25 13:25	1
Perfluoro-4-methoxybutanoic acid (PFMBA)	0.19	U	0.19	0.096	ug/Kg	☼	10/15/25 14:09	10/17/25 13:25	1
Nonafluoro-3,6-dioxaheptanoic acid (NFDHA)	0.19	U	0.19	0.096	ug/Kg	☼	10/15/25 14:09	10/17/25 13:25	1
9-Chlorohexadecafluoro-3-oxanonane-1-sulfonic acid (9Cl-PF3ONS)	0.19	U	0.19	0.096	ug/Kg	☼	10/15/25 14:09	10/17/25 13:25	1
11-Chloroeicosafluoro-3-oxaundecane-1-sulfonic acid (11Cl-PF3OUdS)	0.19	U	0.19	0.096	ug/Kg	☼	10/15/25 14:09	10/17/25 13:25	1
Perfluoro (2-ethoxyethane) sulfonic acid (PFEESA)	0.19	U	0.19	0.096	ug/Kg	☼	10/15/25 14:09	10/17/25 13:25	1
3-Perfluoropropylpropanoic acid (3:3 FTCA)	0.38	U	0.38	0.19	ug/Kg	☼	10/15/25 14:09	10/17/25 13:25	1
3-Perfluoropentylpropanoic acid (5:3 FTCA)	0.96	U	0.96	0.48	ug/Kg	☼	10/15/25 14:09	10/17/25 13:25	1
3-Perfluoroheptylpropanoic acid (7:3 FTCA)	0.96	U	0.96	0.48	ug/Kg	☼	10/15/25 14:09	10/17/25 13:25	1

Isotope Dilution	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
13C4 PFBA	*87.0*		*8 - 130*	*10/15/25 14:09*	*10/17/25 13:25*	*1*
13C5 PFPeA	*88.9*		*35 - 130*	*10/15/25 14:09*	*10/17/25 13:25*	*1*
13C5 PFHxA	*89.7*		*40 - 130*	*10/15/25 14:09*	*10/17/25 13:25*	*1*
13C4 PFHpA	*91.3*		*40 - 130*	*10/15/25 14:09*	*10/17/25 13:25*	*1*
13C8 PFOA	*88.3*		*40 - 130*	*10/15/25 14:09*	*10/17/25 13:25*	*1*
13C9 PFNA	*91.2*		*40 - 130*	*10/15/25 14:09*	*10/17/25 13:25*	*1*
13C6 PFDA	*85.6*		*40 - 130*	*10/15/25 14:09*	*10/17/25 13:25*	*1*
13C7 PFUnA	*79.4*		*40 - 130*	*10/15/25 14:09*	*10/17/25 13:25*	*1*
13C2 PFTeDA	*44.3*		*20 - 130*	*10/15/25 14:09*	*10/17/25 13:25*	*1*
13C3 PFBS	*84.9*		*40 - 135*	*10/15/25 14:09*	*10/17/25 13:25*	*1*
13C3 PFHxS	*84.5*		*40 - 130*	*10/15/25 14:09*	*10/17/25 13:25*	*1*
13C8 PFOS	*81.9*		*40 - 130*	*10/15/25 14:09*	*10/17/25 13:25*	*1*
13C8 FOSA	*84.2*		*40 - 130*	*10/15/25 14:09*	*10/17/25 13:25*	*1*
d3-NMeFOSAA	*63.5*		*40 - 135*	*10/15/25 14:09*	*10/17/25 13:25*	*1*
d5-NEtFOSAA	*56.4*		*40 - 150*	*10/15/25 14:09*	*10/17/25 13:25*	*1*
13C2 4:2 FTS	*109*		*40 - 165*	*10/15/25 14:09*	*10/17/25 13:25*	*1*
13C2 6:2 FTS	*104*		*40 - 215*	*10/15/25 14:09*	*10/17/25 13:25*	*1*
13C2 8:2 FTS	*102*		*40 - 275*	*10/15/25 14:09*	*10/17/25 13:25*	*1*
13C3 HFPO-DA	*89.0*		*40 - 130*	*10/15/25 14:09*	*10/17/25 13:25*	*1*
d7-N-MeFOSE-M	*44.2*		*20 - 130*	*10/15/25 14:09*	*10/17/25 13:25*	*1*
d9-N-EtFOSE-M	*27.0*		*15 - 130*	*10/15/25 14:09*	*10/17/25 13:25*	*1*
d5-NEtPFOSA	*72.6*		*10 - 130*	*10/15/25 14:09*	*10/17/25 13:25*	*1*
d3-NMePFOSA	*78.6*		*10 - 130*	*10/15/25 14:09*	*10/17/25 13:25*	*1*
13C2 PFDoA	*69.3*		*40 - 130*	*10/15/25 14:09*	*10/17/25 13:25*	*1*

Client Sample ID: 51A_0-4

Date Collected: 10/10/25 08:20
Date Received: 10/10/25 17:30

Lab Sample ID: 460-337049-11

Matrix: Solid
Percent Solids: 96.0

Method: SW846 6020B - Metals (ICP/MS)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Aluminum	9220		15.9	4.4	mg/Kg	☼	10/17/25 20:20	10/18/25 18:39	1
Antimony	3.2		0.80	0.12	mg/Kg	☼	10/17/25 20:20	10/18/25 18:39	1
Arsenic	10.5		0.80	0.082	mg/Kg	☼	10/17/25 20:20	10/18/25 18:39	1
Barium	44.1		1.6	0.12	mg/Kg	☼	10/17/25 20:20	10/18/25 18:39	1
Beryllium	0.54		0.32	0.017	mg/Kg	☼	10/17/25 20:20	10/18/25 18:39	1
Cadmium	0.10	J	0.80	0.090	mg/Kg	☼	10/17/25 20:20	10/18/25 18:39	1
Calcium	915		79.5	7.7	mg/Kg	☼	10/17/25 20:20	10/18/25 18:39	1
Chromium	15.0		1.6	0.24	mg/Kg	☼	10/17/25 20:20	10/18/25 18:39	1
Cobalt	6.9		0.80	0.12	mg/Kg	☼	10/17/25 20:20	10/18/25 18:39	1
Copper	47.3		1.6	0.29	mg/Kg	☼	10/17/25 20:20	10/18/25 18:39	1
Iron	19400		47.7	6.1	mg/Kg	☼	10/17/25 20:20	10/18/25 18:39	1
Lead	80.5		0.48	0.16	mg/Kg	☼	10/17/25 20:20	10/18/25 18:39	1
Magnesium	2090		79.5	8.1	mg/Kg	☼	10/17/25 20:20	10/18/25 18:39	1
Manganese	224		3.2	0.32	mg/Kg	☼	10/17/25 20:20	10/18/25 18:39	1
Nickel	12.0		1.6	0.14	mg/Kg	☼	10/17/25 20:20	10/18/25 18:39	1
Potassium	1190		79.5	12.9	mg/Kg	☼	10/17/25 20:20	10/18/25 18:39	1
Selenium	0.40	J	0.99	0.10	mg/Kg	☼	10/17/25 20:20	10/18/25 18:39	1
Silver	0.35		0.32	0.071	mg/Kg	☼	10/17/25 20:20	10/18/25 18:39	1
Sodium	53.2	J	79.5	36.3	mg/Kg	☼	10/17/25 20:20	10/18/25 18:39	1
Thallium	0.11	J	0.32	0.033	mg/Kg	☼	10/17/25 20:20	10/18/25 18:39	1
Vanadium	27.1		1.6	0.16	mg/Kg	☼	10/17/25 20:20	10/18/25 18:39	1
Zinc	48.1		6.4	0.87	mg/Kg	☼	10/17/25 20:20	10/18/25 18:39	1

Method: SW846 7471B - Mercury (CVAA)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	0.046		0.016	0.0075	mg/Kg	☼	10/22/25 01:14	10/22/25 07:31	1

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Percent Moisture (EPA Moisture)	4.0		1.0	1.0	%			10/13/25 17:10	1
Percent Solids (EPA Moisture)	96.0		1.0	1.0	%			10/13/25 17:10	1

Client Sample ID: 51A_4-8

Date Collected: 10/10/25 08:25
Date Received: 10/10/25 17:30

Lab Sample ID: 460-337049-12

Matrix: Solid
Percent Solids: 98.2

Method: SW846 8260D - Volatile Organic Compounds by GC/MS

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1-Trichloroethane	0.00098	U	0.00098	0.00023	mg/Kg	☼	10/14/25 13:17	10/15/25 21:42	1
1,1,2,2-Tetrachloroethane	0.00098	U	0.00098	0.00051	mg/Kg	☼	10/14/25 13:17	10/15/25 21:42	1
1,1,2-Trichloro-1,2,2-trifluoroethane	0.00098	U	0.00098	0.00030	mg/Kg	☼	10/14/25 13:17	10/15/25 21:42	1
1,1,2-Trichloroethane	0.00098	U	0.00098	0.00059	mg/Kg	☼	10/14/25 13:17	10/15/25 21:42	1
1,1-Dichloroethane	0.00098	U	0.00098	0.00059	mg/Kg	☼	10/14/25 13:17	10/15/25 21:42	1
1,1-Dichloroethene	0.00098	U	0.00098	0.00022	mg/Kg	☼	10/14/25 13:17	10/15/25 21:42	1
1,2,3-Trichlorobenzene	0.00098	U	0.00098	0.00072	mg/Kg	☼	10/14/25 13:17	10/15/25 21:42	1
1,2,4-Trichlorobenzene	0.00098	U	0.00098	0.00035	mg/Kg	☼	10/14/25 13:17	10/15/25 21:42	1
1,2,4-Trimethylbenzene	0.00098	U	0.00098	0.00024	mg/Kg	☼	10/14/25 13:17	10/15/25 21:42	1
1,2-Dibromo-3-Chloropropane	0.00098	U	0.00098	0.00045	mg/Kg	☼	10/14/25 13:17	10/15/25 21:42	1
1,2-Dichlorobenzene	0.00098	U	0.00098	0.00035	mg/Kg	☼	10/14/25 13:17	10/15/25 21:42	1
1,2-Dichloroethane	0.00098	U	0.00098	0.00029	mg/Kg	☼	10/14/25 13:17	10/15/25 21:42	1

Client: Haley & Aldrich, Inc.
Project/Site: Former Port Mobil

Job ID: 460-337049-1

Client Sample ID: 51A_4-8
Date Collected: 10/10/25 08:25
Date Received: 10/10/25 17:30

Lab Sample ID: 460-337049-12
Matrix: Solid
Percent Solids: 98.2

Method: SW846 8260D - Volatile Organic Compounds by GC/MS (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,2-Dichloropropane	0.00098	U	0.00098	0.00041	mg/Kg	☼	10/14/25 13:17	10/15/25 21:42	1
1,3,5-Trimethylbenzene	0.00098	U	0.00098	0.00031	mg/Kg	☼	10/14/25 13:17	10/15/25 21:42	1
1,3-Dichlorobenzene	0.00098	U	0.00098	0.00036	mg/Kg	☼	10/14/25 13:17	10/15/25 21:42	1
1,4-Dichlorobenzene	0.00098	U	0.00098	0.00051	mg/Kg	☼	10/14/25 13:17	10/15/25 21:42	1
2-Butanone (MEK)	0.0049	U	0.0049	0.00036	mg/Kg	☼	10/14/25 13:17	10/15/25 21:42	1
2-Hexanone	0.0049	U	0.0049	0.0017	mg/Kg	☼	10/14/25 13:17	10/15/25 21:42	1
4-Methyl-2-pentanone (MIBK)	0.0049	U	0.0049	0.0015	mg/Kg	☼	10/14/25 13:17	10/15/25 21:42	1
Acetone	0.0059	U	0.0059	0.0056	mg/Kg	☼	10/14/25 13:17	10/15/25 21:42	1
Benzene	0.00098	U	0.00098	0.00056	mg/Kg	☼	10/14/25 13:17	10/15/25 21:42	1
Bromoform	0.00098	U	0.00098	0.00042	mg/Kg	☼	10/14/25 13:17	10/15/25 21:42	1
Bromomethane	0.0020	U	0.0020	0.00098	mg/Kg	☼	10/14/25 13:17	10/15/25 21:42	1
Carbon disulfide	0.00098	U	0.00098	0.00026	mg/Kg	☼	10/14/25 13:17	10/15/25 21:42	1
Carbon tetrachloride	0.00098	U	0.00098	0.00038	mg/Kg	☼	10/14/25 13:17	10/15/25 21:42	1
Chlorobenzene	0.00098	U	0.00098	0.00050	mg/Kg	☼	10/14/25 13:17	10/15/25 21:42	1
Chlorobromomethane	0.00098	U	0.00098	0.00058	mg/Kg	☼	10/14/25 13:17	10/15/25 21:42	1
Chlorodibromomethane	0.00098	U	0.00098	0.00053	mg/Kg	☼	10/14/25 13:17	10/15/25 21:42	1
Chloroethane	0.00098	U	0.00098	0.00051	mg/Kg	☼	10/14/25 13:17	10/15/25 21:42	1
Chloroform	0.00098	U	0.00098	0.00095	mg/Kg	☼	10/14/25 13:17	10/15/25 21:42	1
Chloromethane	0.00098	U	0.00098	0.00043	mg/Kg	☼	10/14/25 13:17	10/15/25 21:42	1
cis-1,2-Dichloroethene	0.00098	U	0.00098	0.00035	mg/Kg	☼	10/14/25 13:17	10/15/25 21:42	1
cis-1,3-Dichloropropene	0.00098	U	0.00098	0.00027	mg/Kg	☼	10/14/25 13:17	10/15/25 21:42	1
Cyclohexane	0.00098	U	0.00098	0.00022	mg/Kg	☼	10/14/25 13:17	10/15/25 21:42	1
Dichlorobromomethane	0.00098	U	0.00098	0.00025	mg/Kg	☼	10/14/25 13:17	10/15/25 21:42	1
Dichlorodifluoromethane	0.00098	U	0.00098	0.00033	mg/Kg	☼	10/14/25 13:17	10/15/25 21:42	1
Ethylbenzene	0.00098	U	0.00098	0.00046	mg/Kg	☼	10/14/25 13:17	10/15/25 21:42	1
Ethylene Dibromide	0.00098	U	0.00098	0.00049	mg/Kg	☼	10/14/25 13:17	10/15/25 21:42	1
Isopropylbenzene	0.00098	U	0.00098	0.00028	mg/Kg	☼	10/14/25 13:17	10/15/25 21:42	1
Methyl acetate	0.0049	U	0.0049	0.0042	mg/Kg	☼	10/14/25 13:17	10/15/25 21:42	1
Methyl tert-butyl ether	0.00098	U	0.00098	0.00050	mg/Kg	☼	10/14/25 13:17	10/15/25 21:42	1
Methylcyclohexane	0.00098	U	0.00098	0.00049	mg/Kg	☼	10/14/25 13:17	10/15/25 21:42	1
Methylene Chloride	**0.0015**	**J**	0.0020	0.0011	mg/Kg	☼	10/14/25 13:17	10/15/25 21:42	1
m-Xylene & p-Xylene	0.00098	U	0.00098	0.00041	mg/Kg	☼	10/14/25 13:17	10/15/25 21:42	1
n-Butylbenzene	0.00098	U	0.00098	0.00029	mg/Kg	☼	10/14/25 13:17	10/15/25 21:42	1
N-Propylbenzene	0.00098	U	0.00098	0.00044	mg/Kg	☼	10/14/25 13:17	10/15/25 21:42	1
o-Xylene	0.00098	U	0.00098	0.00045	mg/Kg	☼	10/14/25 13:17	10/15/25 21:42	1
sec-Butylbenzene	0.00098	U	0.00098	0.00028	mg/Kg	☼	10/14/25 13:17	10/15/25 21:42	1
Styrene	0.00098	U	0.00098	0.00027	mg/Kg	☼	10/14/25 13:17	10/15/25 21:42	1
tert-Butylbenzene	0.00098	U	0.00098	0.00027	mg/Kg	☼	10/14/25 13:17	10/15/25 21:42	1
Tetrachloroethene	0.00098	U	0.00098	0.00030	mg/Kg	☼	10/14/25 13:17	10/15/25 21:42	1
Toluene	0.00098	U	0.00098	0.00023	mg/Kg	☼	10/14/25 13:17	10/15/25 21:42	1
trans-1,2-Dichloroethene	0.00098	U	0.00098	0.00024	mg/Kg	☼	10/14/25 13:17	10/15/25 21:42	1
trans-1,3-Dichloropropene	0.00098	U	0.00098	0.00026	mg/Kg	☼	10/14/25 13:17	10/15/25 21:42	1
Trichloroethene	0.00098	U	0.00098	0.00031	mg/Kg	☼	10/14/25 13:17	10/15/25 21:42	1
Trichlorofluoromethane	0.00098	U	0.00098	0.00040	mg/Kg	☼	10/14/25 13:17	10/15/25 21:42	1
Vinyl chloride	0.00098	U	0.00098	0.00054	mg/Kg	☼	10/14/25 13:17	10/15/25 21:42	1
Xylenes, Total	0.0020	U	0.0020	0.00017	mg/Kg	☼	10/14/25 13:17	10/15/25 21:42	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,2-Dichloroethane-d4 (Surr)	*112*		*65 - 138*	*10/14/25 13:17*	*10/15/25 21:42*	*1*
4-Bromofluorobenzene	*108*		*71 - 128*	*10/14/25 13:17*	*10/15/25 21:42*	*1*

Client Sample ID: 51A_4-8

Date Collected: 10/10/25 08:25
Date Received: 10/10/25 17:30

Lab Sample ID: 460-337049-12

Matrix: Solid
Percent Solids: 98.2

Method: SW846 8260D - Volatile Organic Compounds by GC/MS (Continued)

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
Dibromofluoromethane (Surr)	*107*		*50 - 150*	*10/14/25 13:17*	*10/15/25 21:42*	*1*
Toluene-d8 (Surr)	*101*		*71 - 126*	*10/14/25 13:17*	*10/15/25 21:42*	*1*

Method: SW846 8270E - Semivolatile Organic Compounds (GC/MS)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1'-Biphenyl	0.33	U	0.33	0.012	mg/Kg	☼	10/13/25 10:32	10/14/25 01:44	1
1,2,4,5-Tetrachlorobenzene	0.33	U	0.33	0.010	mg/Kg	☼	10/13/25 10:32	10/14/25 01:44	1
1,4-Dioxane	0.033	U	0.033	0.029	mg/Kg	☼	10/13/25 10:32	10/14/25 01:44	1
2,2'-oxybis[1-chloropropane]	0.33	U	0.33	0.020	mg/Kg	☼	10/13/25 10:32	10/14/25 01:44	1
2,3,4,6-Tetrachlorophenol	0.33	U	0.33	0.023	mg/Kg	☼	10/13/25 10:32	10/14/25 01:44	1
2,4,5-Trichlorophenol	0.33	U	0.33	0.034	mg/Kg	☼	10/13/25 10:32	10/14/25 01:44	1
2,4,6-Trichlorophenol	0.13	U	0.13	0.043	mg/Kg	☼	10/13/25 10:32	10/14/25 01:44	1
2,4-Dichlorophenol	0.13	U	0.13	0.021	mg/Kg	☼	10/13/25 10:32	10/14/25 01:44	1
2,4-Dimethylphenol	0.33	U	0.33	0.040	mg/Kg	☼	10/13/25 10:32	10/14/25 01:44	1
2,4-Dinitrophenol	0.27	U *	0.27	0.16	mg/Kg	☼	10/13/25 10:32	10/14/25 01:44	1
2,4-Dinitrotoluene	0.068	U	0.068	0.036	mg/Kg	☼	10/13/25 10:32	10/14/25 01:44	1
2,6-Dinitrotoluene	0.068	U	0.068	0.024	mg/Kg	☼	10/13/25 10:32	10/14/25 01:44	1
2-Chloronaphthalene	0.33	U	0.33	0.043	mg/Kg	☼	10/13/25 10:32	10/14/25 01:44	1
2-Chlorophenol	0.33	U	0.33	0.012	mg/Kg	☼	10/13/25 10:32	10/14/25 01:44	1
2-Methylnaphthalene	**0.018**	**J**	0.33	0.0093	mg/Kg	☼	10/13/25 10:32	10/14/25 01:44	1
2-Methylphenol	0.33	U	0.33	0.012	mg/Kg	☼	10/13/25 10:32	10/14/25 01:44	1
2-Nitroaniline	0.33	U	0.33	0.025	mg/Kg	☼	10/13/25 10:32	10/14/25 01:44	1
2-Nitrophenol	0.33	U	0.33	0.033	mg/Kg	☼	10/13/25 10:32	10/14/25 01:44	1
3 & 4 Methylphenol	0.33	U	0.33	0.021	mg/Kg	☼	10/13/25 10:32	10/14/25 01:44	1
3,3'-Dichlorobenzidine	0.13	U	0.13	0.050	mg/Kg	☼	10/13/25 10:32	10/14/25 01:44	1
3-Nitroaniline	0.33	U	0.33	0.079	mg/Kg	☼	10/13/25 10:32	10/14/25 01:44	1
4,6-Dinitro-2-methylphenol	0.27	U *	0.27	0.14	mg/Kg	☼	10/13/25 10:32	10/14/25 01:44	1
4-Bromophenyl phenyl ether	0.33	U	0.33	0.013	mg/Kg	☼	10/13/25 10:32	10/14/25 01:44	1
4-Chloro-3-methylphenol	0.33	U	0.33	0.019	mg/Kg	☼	10/13/25 10:32	10/14/25 01:44	1
4-Chloroaniline	0.33	U	0.33	0.059	mg/Kg	☼	10/13/25 10:32	10/14/25 01:44	1
4-Chlorophenyl phenyl ether	0.33	U	0.33	0.012	mg/Kg	☼	10/13/25 10:32	10/14/25 01:44	1
4-Methylphenol	0.33	U	0.33	0.021	mg/Kg	☼	10/13/25 10:32	10/14/25 01:44	1
4-Nitroaniline	0.33	U	0.33	0.085	mg/Kg	☼	10/13/25 10:32	10/14/25 01:44	1
4-Nitrophenol	0.68	U	0.68	0.054	mg/Kg	☼	10/13/25 10:32	10/14/25 01:44	1
Acenaphthene	0.33	U	0.33	0.0095	mg/Kg	☼	10/13/25 10:32	10/14/25 01:44	1
Acenaphthylene	0.33	U	0.33	0.0096	mg/Kg	☼	10/13/25 10:32	10/14/25 01:44	1
Acetophenone	0.33	U	0.33	0.016	mg/Kg	☼	10/13/25 10:32	10/14/25 01:44	1
Anthracene	**0.016**	**J**	0.33	0.010	mg/Kg	☼	10/13/25 10:32	10/14/25 01:44	1
Atrazine	0.13	U	0.13	0.020	mg/Kg	☼	10/13/25 10:32	10/14/25 01:44	1
Benzaldehyde	0.33	U	0.33	0.055	mg/Kg	☼	10/13/25 10:32	10/14/25 01:44	1
Benzo[a]anthracene	**0.035**		0.033	0.025	mg/Kg	☼	10/13/25 10:32	10/14/25 01:44	1
Benzo[a]pyrene	**0.035**		0.033	0.0089	mg/Kg	☼	10/13/25 10:32	10/14/25 01:44	1
Benzo[b]fluoranthene	**0.065**		0.033	0.0086	mg/Kg	☼	10/13/25 10:32	10/14/25 01:44	1
Benzo[g,h,i]perylene	**0.040**	**J**	0.33	0.0099	mg/Kg	☼	10/13/25 10:32	10/14/25 01:44	1
Benzo[k]fluoranthene	**0.022**	**J**	0.033	0.0066	mg/Kg	☼	10/13/25 10:32	10/14/25 01:44	1
Bis(2-chloroethoxy)methane	0.33	U	0.33	0.062	mg/Kg	☼	10/13/25 10:32	10/14/25 01:44	1
Bis(2-chloroethyl)ether	0.033	U	0.033	0.012	mg/Kg	☼	10/13/25 10:32	10/14/25 01:44	1
Bis(2-ethylhexyl) phthalate	0.33	U	0.33	0.018	mg/Kg	☼	10/13/25 10:32	10/14/25 01:44	1
Butyl benzyl phthalate	0.33	U	0.33	0.016	mg/Kg	☼	10/13/25 10:32	10/14/25 01:44	1

Client Sample ID: 51A_4-8

Date Collected: 10/10/25 08:25
Date Received: 10/10/25 17:30

Lab Sample ID: 460-337049-12

Matrix: Solid
Percent Solids: 98.2

Method: SW846 8270E - Semivolatile Organic Compounds (GC/MS) (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Caprolactam	0.33	U	0.33	0.052	mg/Kg	☼	10/13/25 10:32	10/14/25 01:44	1
Carbazole	0.33	U	0.33	0.013	mg/Kg	☼	10/13/25 10:32	10/14/25 01:44	1
Chrysene	**0.041**	**J**	0.33	0.014	mg/Kg	☼	10/13/25 10:32	10/14/25 01:44	1
Dibenz(a,h)anthracene	0.033	U	0.033	0.014	mg/Kg	☼	10/13/25 10:32	10/14/25 01:44	1
Dibenzofuran	0.33	U	0.33	0.011	mg/Kg	☼	10/13/25 10:32	10/14/25 01:44	1
Diethyl phthalate	0.33	U	0.33	0.011	mg/Kg	☼	10/13/25 10:32	10/14/25 01:44	1
Dimethyl phthalate	0.33	U	0.33	0.076	mg/Kg	☼	10/13/25 10:32	10/14/25 01:44	1
Di-n-butyl phthalate	**0.020**	**J**	0.33	0.013	mg/Kg	☼	10/13/25 10:32	10/14/25 01:44	1
Di-n-octyl phthalate	0.33	U	0.33	0.018	mg/Kg	☼	10/13/25 10:32	10/14/25 01:44	1
Fluoranthene	**0.048**	**J**	0.33	0.012	mg/Kg	☼	10/13/25 10:32	10/14/25 01:44	1
Fluorene	0.33	U	0.33	0.0098	mg/Kg	☼	10/13/25 10:32	10/14/25 01:44	1
Hexachlorobenzene	0.033	U	0.033	0.016	mg/Kg	☼	10/13/25 10:32	10/14/25 01:44	1
Hexachlorobutadiene	0.068	U	0.068	0.0071	mg/Kg	☼	10/13/25 10:32	10/14/25 01:44	1
Hexachlorocyclopentadiene	0.33	U	0.33	0.029	mg/Kg	☼	10/13/25 10:32	10/14/25 01:44	1
Hexachloroethane	0.033	U	0.033	0.011	mg/Kg	☼	10/13/25 10:32	10/14/25 01:44	1
Indeno[1,2,3-cd]pyrene	**0.041**		0.033	0.013	mg/Kg	☼	10/13/25 10:32	10/14/25 01:44	1
Isophorone	0.13	U	0.13	0.097	mg/Kg	☼	10/13/25 10:32	10/14/25 01:44	1
Naphthalene	**0.011**	**J**	0.33	0.0058	mg/Kg	☼	10/13/25 10:32	10/14/25 01:44	1
Nitrobenzene	0.033	U	0.033	0.019	mg/Kg	☼	10/13/25 10:32	10/14/25 01:44	1
N-Nitrosodi-n-propylamine	0.033	U	0.033	0.024	mg/Kg	☼	10/13/25 10:32	10/14/25 01:44	1
N-Nitrosodiphenylamine	0.33	U	0.33	0.027	mg/Kg	☼	10/13/25 10:32	10/14/25 01:44	1
Pentachlorophenol	0.27	U	0.27	0.068	mg/Kg	☼	10/13/25 10:32	10/14/25 01:44	1
Phenanthrene	**0.036**	**J**	0.33	0.014	mg/Kg	☼	10/13/25 10:32	10/14/25 01:44	1
Phenol	0.33	U	0.33	0.012	mg/Kg	☼	10/13/25 10:32	10/14/25 01:44	1
Pyrene	**0.046**	**J**	0.33	0.0083	mg/Kg	☼	10/13/25 10:32	10/14/25 01:44	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
2,4,6-Tribromophenol (Surr)	*95*		*18 - 137*	*10/13/25 10:32*	*10/14/25 01:44*	*1*
2-Fluorobiphenyl	*88*		*33 - 117*	*10/13/25 10:32*	*10/14/25 01:44*	*1*
2-Fluorophenol (Surr)	*91*		*24 - 120*	*10/13/25 10:32*	*10/14/25 01:44*	*1*
Nitrobenzene-d5 (Surr)	*82*		*27 - 120*	*10/13/25 10:32*	*10/14/25 01:44*	*1*
Phenol-d5 (Surr)	*88*		*28 - 118*	*10/13/25 10:32*	*10/14/25 01:44*	*1*
Terphenyl-d14 (Surr)	*94*		*33 - 124*	*10/13/25 10:32*	*10/14/25 01:44*	*1*

Method: SW846 8081B - Organochlorine Pesticides (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
4,4'-DDD	0.0068	U	0.0068	0.0012	mg/Kg	☼	10/13/25 06:39	10/15/25 07:05	1
4,4'-DDE	0.0068	U	0.0068	0.00080	mg/Kg	☼	10/13/25 06:39	10/15/25 07:05	1
4,4'-DDT	**0.0049**	**J**	0.0068	0.0012	mg/Kg	☼	10/13/25 06:39	10/15/25 07:05	1
Aldrin	0.0068	U	0.0068	0.0010	mg/Kg	☼	10/13/25 06:39	10/15/25 07:05	1
alpha-BHC	0.0020	U	0.0020	0.00069	mg/Kg	☼	10/13/25 06:39	10/15/25 07:05	1
beta-BHC	0.0020	U	0.0020	0.00076	mg/Kg	☼	10/13/25 06:39	10/15/25 07:05	1
Chlordane (technical)	0.068	U	0.068	0.016	mg/Kg	☼	10/13/25 06:39	10/15/25 07:05	1
cis-Chlordane	0.0068	U	0.0068	0.0011	mg/Kg	☼	10/13/25 06:39	10/15/25 07:05	1
delta-BHC	0.0020	U	0.0020	0.00042	mg/Kg	☼	10/13/25 06:39	10/15/25 07:05	1
Dieldrin	**0.0024**		0.0020	0.00088	mg/Kg	☼	10/13/25 06:39	10/15/25 07:05	1
Endosulfan I	0.0068	U	0.0068	0.0010	mg/Kg	☼	10/13/25 06:39	10/15/25 07:05	1
Endosulfan II	0.0068	U	0.0068	0.0017	mg/Kg	☼	10/13/25 06:39	10/15/25 07:05	1
Endosulfan sulfate	0.0068	U	0.0068	0.00085	mg/Kg	☼	10/13/25 06:39	10/15/25 07:05	1
Endrin	0.0068	U	0.0068	0.00097	mg/Kg	☼	10/13/25 06:39	10/15/25 07:05	1

Client Sample ID: 51A_4-8
Date Collected: 10/10/25 08:25
Date Received: 10/10/25 17:30

Lab Sample ID: 460-337049-12
Matrix: Solid
Percent Solids: 98.2

Method: SW846 8081B - Organochlorine Pesticides (GC) (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Endrin aldehyde	0.0068	U	0.0068	0.0016	mg/Kg	☼	10/13/25 06:39	10/15/25 07:05	1
Endrin ketone	0.0068	U	0.0068	0.0013	mg/Kg	☼	10/13/25 06:39	10/15/25 07:05	1
gamma-BHC (Lindane)	0.0020	U	0.0020	0.00063	mg/Kg	☼	10/13/25 06:39	10/15/25 07:05	1
Heptachlor	0.0068	U	0.0068	0.00080	mg/Kg	☼	10/13/25 06:39	10/15/25 07:05	1
Heptachlor epoxide	**0.0046**	**J**	0.0068	0.0010	mg/Kg	☼	10/13/25 06:39	10/15/25 07:05	1
Methoxychlor	0.0068	U	0.0068	0.0015	mg/Kg	☼	10/13/25 06:39	10/15/25 07:05	1
Toxaphene	0.068	U	0.068	0.025	mg/Kg	☼	10/13/25 06:39	10/15/25 07:05	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
DCB Decachlorobiphenyl	*106*		*10 - 150*	*10/13/25 06:39*	*10/15/25 07:05*	*1*
DCB Decachlorobiphenyl	*106*		*10 - 150*	*10/13/25 06:39*	*10/15/25 07:05*	*1*
Tetrachloro-m-xylene	*127*		*14 - 150*	*10/13/25 06:39*	*10/15/25 07:05*	*1*
Tetrachloro-m-xylene	*133*		*14 - 150*	*10/13/25 06:39*	*10/15/25 07:05*	*1*

Method: SW846 8082A - Polychlorinated Biphenyls (PCBs) by Gas Chromatography

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Aroclor 1016	0.068	U	0.068	0.018	mg/Kg	☼	10/13/25 06:42	10/14/25 22:59	1
Aroclor 1221	0.068	U	0.068	0.018	mg/Kg	☼	10/13/25 06:42	10/14/25 22:59	1
Aroclor 1232	0.068	U	0.068	0.018	mg/Kg	☼	10/13/25 06:42	10/14/25 22:59	1
Aroclor 1242	0.068	U	0.068	0.018	mg/Kg	☼	10/13/25 06:42	10/14/25 22:59	1
Aroclor 1248	0.068	U	0.068	0.018	mg/Kg	☼	10/13/25 06:42	10/14/25 22:59	1
Aroclor 1254	0.068	U	0.068	0.018	mg/Kg	☼	10/13/25 06:42	10/14/25 22:59	1
Aroclor 1260	0.068	U	0.068	0.018	mg/Kg	☼	10/13/25 06:42	10/14/25 22:59	1
Aroclor-1262	0.068	U	0.068	0.018	mg/Kg	☼	10/13/25 06:42	10/14/25 22:59	1
Aroclor 1268	0.068	U	0.068	0.018	mg/Kg	☼	10/13/25 06:42	10/14/25 22:59	1
Polychlorinated biphenyls, Total	0.068	U	0.068	0.018	mg/Kg	☼	10/13/25 06:42	10/14/25 22:59	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
DCB Decachlorobiphenyl	*103*		*10 - 150*	*10/13/25 06:42*	*10/14/25 22:59*	*1*
DCB Decachlorobiphenyl	*101*		*10 - 150*	*10/13/25 06:42*	*10/14/25 22:59*	*1*
Tetrachloro-m-xylene	*124*		*10 - 150*	*10/13/25 06:42*	*10/14/25 22:59*	*1*
Tetrachloro-m-xylene	*134*		*10 - 150*	*10/13/25 06:42*	*10/14/25 22:59*	*1*

Method: EPA 1633A - Per- and Polyfluoroalkyl Substances by LC/MS/MS, 1633A

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Perfluorobutanoic acid (PFBA)	0.40	U	0.40	0.099	ug/Kg	☼	10/15/25 14:09	10/17/25 13:39	1
Perfluoropentanoic acid (PFPeA)	0.20	U	0.20	0.099	ug/Kg	☼	10/15/25 14:09	10/17/25 13:39	1
Perfluorohexanoic acid (PFHxA)	0.20	U	0.20	0.099	ug/Kg	☼	10/15/25 14:09	10/17/25 13:39	1
Perfluoroheptanoic acid (PFHpA)	0.20	U	0.20	0.099	ug/Kg	☼	10/15/25 14:09	10/17/25 13:39	1
Perfluorooctanoic acid (PFOA)	**0.11**	**J**	0.20	0.059	ug/Kg	☼	10/15/25 14:09	10/17/25 13:39	1
Perfluorononanoic acid (PFNA)	**1.0**		0.20	0.099	ug/Kg	☼	10/15/25 14:09	10/17/25 13:39	1
Perfluorodecanoic acid (PFDA)	0.20	U	0.20	0.059	ug/Kg	☼	10/15/25 14:09	10/17/25 13:39	1
Perfluoroundecanoic acid (PFUnA)	**4.18**		0.20	0.099	ug/Kg	☼	10/15/25 14:09	10/17/25 13:39	1
Perfluorododecanoic acid (PFDoA)	**0.38**		0.20	0.099	ug/Kg	☼	10/15/25 14:09	10/17/25 13:39	1
Perfluorotridecanoic acid (PFTrDA)	0.20	U	0.20	0.099	ug/Kg	☼	10/15/25 14:09	10/17/25 13:39	1
Perfluorotetradecanoic acid (PFTeDA)	0.20	U	0.20	0.099	ug/Kg	☼	10/15/25 14:09	10/17/25 13:39	1
Perfluorobutanesulfonic acid (PFBS)	0.20	U	0.20	0.099	ug/Kg	☼	10/15/25 14:09	10/17/25 13:39	1
Perfluoropentanesulfonic acid (PFPeS)	0.20	U	0.20	0.099	ug/Kg	☼	10/15/25 14:09	10/17/25 13:39	1

Client Sample ID: 51A_4-8
Date Collected: 10/10/25 08:25
Date Received: 10/10/25 17:30

Lab Sample ID: 460-337049-12
Matrix: Solid
Percent Solids: 98.2

Method: EPA 1633A - Per- and Polyfluoroalkyl Substances by LC/MS/MS, 1633A (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Perfluorohexanesulfonic acid (PFHxS)	0.20	U	0.20	0.099	ug/Kg	☼	10/15/25 14:09	10/17/25 13:39	1
Perfluoroheptanesulfonic acid (PFHpS)	0.20	U	0.20	0.099	ug/Kg	☼	10/15/25 14:09	10/17/25 13:39	1
Perfluorooctanesulfonic acid (PFOS)	0.20	U	0.20	0.099	ug/Kg	☼	10/15/25 14:09	10/17/25 13:39	1
Perfluorononanesulfonic acid (PFNS)	0.20	U	0.20	0.099	ug/Kg	☼	10/15/25 14:09	10/17/25 13:39	1
Perfluorodecanesulfonic acid (PFDS)	0.20	U	0.20	0.099	ug/Kg	☼	10/15/25 14:09	10/17/25 13:39	1
Perfluorododecanesulfonic acid (PFDoS)	0.20	U	0.20	0.099	ug/Kg	☼	10/15/25 14:09	10/17/25 13:39	1
1H,1H,2H,2H-Perfluorohexane sulfonic acid (4:2 FTS)	0.40	U	0.40	0.20	ug/Kg	☼	10/15/25 14:09	10/17/25 13:39	1
1H,1H,2H,2H-Perfluorooctane sulfonic acid (6:2 FTS)	0.40	U	0.40	0.20	ug/Kg	☼	10/15/25 14:09	10/17/25 13:39	1
1H,1H,2H,2H-Perfluorodecane sulfonic acid (8:2 FTS)	0.40	U	0.40	0.20	ug/Kg	☼	10/15/25 14:09	10/17/25 13:39	1
Perfluorooctanesulfonamide (PFOSA)	0.20	U	0.20	0.099	ug/Kg	☼	10/15/25 14:09	10/17/25 13:39	1
N-methylperfluorooctane sulfonamide (NMeFOSA)	0.20	U	0.20	0.099	ug/Kg	☼	10/15/25 14:09	10/17/25 13:39	1
N-ethylperfluorooctane sulfonamide (NEtFOSA)	0.20	U	0.20	0.099	ug/Kg	☼	10/15/25 14:09	10/17/25 13:39	1
N-methylperfluorooctanesulfonamidoacetic acid (NMeFOSAA)	0.20	U	0.20	0.099	ug/Kg	☼	10/15/25 14:09	10/17/25 13:39	1
N-ethylperfluorooctanesulfonamidoacetic acid (NEtFOSAA)	0.20	U	0.20	0.099	ug/Kg	☼	10/15/25 14:09	10/17/25 13:39	1
N-methylperfluorooctane sulfonamidoethanol (NMeFOSE)	0.99	U	0.99	0.49	ug/Kg	☼	10/15/25 14:09	10/17/25 13:39	1
N-ethylperfluorooctane sulfonamidoethanol (NEtFOSE)	0.99	U	0.99	0.49	ug/Kg	☼	10/15/25 14:09	10/17/25 13:39	1
Hexafluoropropylene Oxide Dimer Acid (HFPO-DA)	0.20	U	0.20	0.099	ug/Kg	☼	10/15/25 14:09	10/17/25 13:39	1
4,8-Dioxa-3H-perfluorononanoic acid (ADONA)	0.20	U	0.20	0.099	ug/Kg	☼	10/15/25 14:09	10/17/25 13:39	1
Perfluoro-3-methoxypropanoic acid (PFMPA)	0.20	U	0.20	0.099	ug/Kg	☼	10/15/25 14:09	10/17/25 13:39	1
Perfluoro-4-methoxybutanoic acid (PFMBA)	0.20	U	0.20	0.099	ug/Kg	☼	10/15/25 14:09	10/17/25 13:39	1
Nonafluoro-3,6-dioxaheptanoic acid (NFDHA)	0.20	U	0.20	0.099	ug/Kg	☼	10/15/25 14:09	10/17/25 13:39	1
9-Chlorohexadecafluoro-3-oxanonane-1-sulfonic acid (9Cl-PF3ONS)	0.20	U	0.20	0.099	ug/Kg	☼	10/15/25 14:09	10/17/25 13:39	1
11-Chloroeicosafluoro-3-oxaundecane-1-sulfonic acid (11Cl-PF3OUdS)	0.20	U	0.20	0.099	ug/Kg	☼	10/15/25 14:09	10/17/25 13:39	1
Perfluoro (2-ethoxyethane) sulfonic acid (PFEESA)	0.20	U	0.20	0.099	ug/Kg	☼	10/15/25 14:09	10/17/25 13:39	1
3-Perfluoropropylpropanoic acid (3:3 FTCA)	0.40	U	0.40	0.20	ug/Kg	☼	10/15/25 14:09	10/17/25 13:39	1
3-Perfluoropentylpropanoic acid (5:3 FTCA)	0.99	U	0.99	0.49	ug/Kg	☼	10/15/25 14:09	10/17/25 13:39	1
3-Perfluoroheptylpropanoic acid (7:3 FTCA)	0.99	U	0.99	0.49	ug/Kg	☼	10/15/25 14:09	10/17/25 13:39	1

Isotope Dilution	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
13C4 PFBA	*90.4*		*8 - 130*	*10/15/25 14:09*	*10/17/25 13:39*	*1*
13C5 PFPeA	*95.8*		*35 - 130*	*10/15/25 14:09*	*10/17/25 13:39*	*1*
13C5 PFHxA	*90.9*		*40 - 130*	*10/15/25 14:09*	*10/17/25 13:39*	*1*
13C4 PFHpA	*92.5*		*40 - 130*	*10/15/25 14:09*	*10/17/25 13:39*	*1*
13C8 PFOA	*90.1*		*40 - 130*	*10/15/25 14:09*	*10/17/25 13:39*	*1*

Client Sample ID: 51A_4-8

Date Collected: 10/10/25 08:25
Date Received: 10/10/25 17:30

Lab Sample ID: 460-337049-12

Matrix: Solid
Percent Solids: 98.2

Method: EPA 1633A - Per- and Polyfluoroalkyl Substances by LC/MS/MS, 1633A (Continued)

Isotope Dilution	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
13C9 PFNA	93.2		40 - 130	10/15/25 14:09	10/17/25 13:39	1
13C6 PFDA	95.9		40 - 130	10/15/25 14:09	10/17/25 13:39	1
13C7 PFUnA	98.1		40 - 130	10/15/25 14:09	10/17/25 13:39	1
13C2 PFTeDA	80.1		20 - 130	10/15/25 14:09	10/17/25 13:39	1
13C3 PFBS	86.8		40 - 135	10/15/25 14:09	10/17/25 13:39	1
13C3 PFHxS	90.8		40 - 130	10/15/25 14:09	10/17/25 13:39	1
13C8 PFOS	87.0		40 - 130	10/15/25 14:09	10/17/25 13:39	1
13C8 FOSA	80.0		40 - 130	10/15/25 14:09	10/17/25 13:39	1
d3-NMeFOSAA	88.9		40 - 135	10/15/25 14:09	10/17/25 13:39	1
d5-NEtFOSAA	84.0		40 - 150	10/15/25 14:09	10/17/25 13:39	1
13C2 4:2 FTS	126		40 - 165	10/15/25 14:09	10/17/25 13:39	1
13C2 6:2 FTS	122		40 - 215	10/15/25 14:09	10/17/25 13:39	1
13C2 8:2 FTS	112		40 - 275	10/15/25 14:09	10/17/25 13:39	1
13C3 HFPO-DA	94.9		40 - 130	10/15/25 14:09	10/17/25 13:39	1
d7-N-MeFOSE-M	68.1		20 - 130	10/15/25 14:09	10/17/25 13:39	1
d9-N-EtFOSE-M	45.1		15 - 130	10/15/25 14:09	10/17/25 13:39	1
d5-NEtPFOSA	85.3		10 - 130	10/15/25 14:09	10/17/25 13:39	1
d3-NMePFOSA	85.0		10 - 130	10/15/25 14:09	10/17/25 13:39	1
13C2 PFDoA	88.3		40 - 130	10/15/25 14:09	10/17/25 13:39	1

Method: SW846 6020B - Metals (ICP/MS)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Aluminum	8330		15.8	4.3	mg/Kg	☼	10/17/25 20:20	10/18/25 18:42	1
Antimony	3.8		0.79	0.12	mg/Kg	☼	10/17/25 20:20	10/18/25 18:42	1
Arsenic	9.4		0.79	0.081	mg/Kg	☼	10/17/25 20:20	10/18/25 18:42	1
Barium	35.0		1.6	0.11	mg/Kg	☼	10/17/25 20:20	10/18/25 18:42	1
Beryllium	0.67		0.32	0.017	mg/Kg	☼	10/17/25 20:20	10/18/25 18:42	1
Cadmium	0.20	J	0.79	0.089	mg/Kg	☼	10/17/25 20:20	10/18/25 18:42	1
Calcium	856		78.9	7.7	mg/Kg	☼	10/17/25 20:20	10/18/25 18:42	1
Chromium	17.4		1.6	0.23	mg/Kg	☼	10/17/25 20:20	10/18/25 18:42	1
Cobalt	5.1		0.79	0.12	mg/Kg	☼	10/17/25 20:20	10/18/25 18:42	1
Copper	57.4		1.6	0.29	mg/Kg	☼	10/17/25 20:20	10/18/25 18:42	1
Iron	20300		47.3	6.0	mg/Kg	☼	10/17/25 20:20	10/18/25 18:42	1
Lead	137		0.47	0.16	mg/Kg	☼	10/17/25 20:20	10/18/25 18:42	1
Magnesium	2540		78.9	8.0	mg/Kg	☼	10/17/25 20:20	10/18/25 18:42	1
Manganese	157		3.2	0.32	mg/Kg	☼	10/17/25 20:20	10/18/25 18:42	1
Nickel	16.8		1.6	0.14	mg/Kg	☼	10/17/25 20:20	10/18/25 18:42	1
Potassium	1060		78.9	12.8	mg/Kg	☼	10/17/25 20:20	10/18/25 18:42	1
Selenium	0.57	J	0.99	0.10	mg/Kg	☼	10/17/25 20:20	10/18/25 18:42	1
Silver	0.35		0.32	0.070	mg/Kg	☼	10/17/25 20:20	10/18/25 18:42	1
Sodium	53.8	J	78.9	36.1	mg/Kg	☼	10/17/25 20:20	10/18/25 18:42	1
Thallium	0.080	J	0.32	0.032	mg/Kg	☼	10/17/25 20:20	10/18/25 18:42	1
Vanadium	30.0		1.6	0.16	mg/Kg	☼	10/17/25 20:20	10/18/25 18:42	1
Zinc	109		6.3	0.86	mg/Kg	☼	10/17/25 20:20	10/18/25 18:42	1

Method: SW846 7471B - Mercury (CVAA)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	0.045		0.017	0.0080	mg/Kg	☼	10/22/25 01:36	10/22/25 07:57	1

Client Sample ID: 51A_4-8

Lab Sample ID: 460-337049-12
Date Collected: 10/10/25 08:25
Matrix: Solid
Date Received: 10/10/25 17:30
Percent Solids: 98.2

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Percent Moisture (EPA Moisture)	1.8		1.0	1.0	%			10/13/25 17:10	1
Percent Solids (EPA Moisture)	98.2		1.0	1.0	%			10/13/25 17:10	1

Client Sample ID: 51B_0-4

Lab Sample ID: 460-337049-13
Date Collected: 10/10/25 09:05
Matrix: Solid
Date Received: 10/10/25 17:30
Percent Solids: 96.8

Method: SW846 8260D - Volatile Organic Compounds by GC/MS

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1-Trichloroethane	0.0010	U	0.0010	0.00024	mg/Kg	☼	10/14/25 13:19	10/15/25 22:06	1
1,1,2,2-Tetrachloroethane	0.0010	U	0.0010	0.00054	mg/Kg	☼	10/14/25 13:19	10/15/25 22:06	1
1,1,2-Trichloro-1,2,2-trifluoroethane	0.0010	U	0.0010	0.00031	mg/Kg	☼	10/14/25 13:19	10/15/25 22:06	1
1,1,2-Trichloroethane	0.0010	U	0.0010	0.00062	mg/Kg	☼	10/14/25 13:19	10/15/25 22:06	1
1,1-Dichloroethane	0.0010	U	0.0010	0.00062	mg/Kg	☼	10/14/25 13:19	10/15/25 22:06	1
1,1-Dichloroethene	0.0010	U	0.0010	0.00023	mg/Kg	☼	10/14/25 13:19	10/15/25 22:06	1
1,2,3-Trichlorobenzene	0.0010	U	0.0010	0.00076	mg/Kg	☼	10/14/25 13:19	10/15/25 22:06	1
1,2,4-Trichlorobenzene	0.0010	U	0.0010	0.00037	mg/Kg	☼	10/14/25 13:19	10/15/25 22:06	1
1,2,4-Trimethylbenzene	0.0010	U	0.0010	0.00025	mg/Kg	☼	10/14/25 13:19	10/15/25 22:06	1
1,2-Dibromo-3-Chloropropane	0.0010	U	0.0010	0.00048	mg/Kg	☼	10/14/25 13:19	10/15/25 22:06	1
1,2-Dichlorobenzene	0.0010	U	0.0010	0.00037	mg/Kg	☼	10/14/25 13:19	10/15/25 22:06	1
1,2-Dichloroethane	0.0010	U	0.0010	0.00031	mg/Kg	☼	10/14/25 13:19	10/15/25 22:06	1
1,2-Dichloropropane	0.0010	U	0.0010	0.00044	mg/Kg	☼	10/14/25 13:19	10/15/25 22:06	1
1,3,5-Trimethylbenzene	0.0010	U	0.0010	0.00032	mg/Kg	☼	10/14/25 13:19	10/15/25 22:06	1
1,3-Dichlorobenzene	0.0010	U	0.0010	0.00038	mg/Kg	☼	10/14/25 13:19	10/15/25 22:06	1
1,4-Dichlorobenzene	0.0010	U	0.0010	0.00054	mg/Kg	☼	10/14/25 13:19	10/15/25 22:06	1
2-Butanone (MEK)	0.0052	U	0.0052	0.00038	mg/Kg	☼	10/14/25 13:19	10/15/25 22:06	1
2-Hexanone	0.0052	U	0.0052	0.0018	mg/Kg	☼	10/14/25 13:19	10/15/25 22:06	1
4-Methyl-2-pentanone (MIBK)	0.0052	U	0.0052	0.0016	mg/Kg	☼	10/14/25 13:19	10/15/25 22:06	1
Acetone	0.0061	J	0.0062	0.0059	mg/Kg	☼	10/14/25 13:19	10/15/25 22:06	1
Benzene	0.0010	U	0.0010	0.00059	mg/Kg	☼	10/14/25 13:19	10/15/25 22:06	1
Bromoform	0.0010	U	0.0010	0.00044	mg/Kg	☼	10/14/25 13:19	10/15/25 22:06	1
Bromomethane	0.0021	U	0.0021	0.0010	mg/Kg	☼	10/14/25 13:19	10/15/25 22:06	1
Carbon disulfide	0.0010	U	0.0010	0.00027	mg/Kg	☼	10/14/25 13:19	10/15/25 22:06	1
Carbon tetrachloride	0.0010	U	0.0010	0.00040	mg/Kg	☼	10/14/25 13:19	10/15/25 22:06	1
Chlorobenzene	0.0010	U	0.0010	0.00052	mg/Kg	☼	10/14/25 13:19	10/15/25 22:06	1
Chlorobromomethane	0.0010	U	0.0010	0.00062	mg/Kg	☼	10/14/25 13:19	10/15/25 22:06	1
Chlorodibromomethane	0.0010	U	0.0010	0.00056	mg/Kg	☼	10/14/25 13:19	10/15/25 22:06	1
Chloroethane	0.0010	U	0.0010	0.00054	mg/Kg	☼	10/14/25 13:19	10/15/25 22:06	1
Chloroform	0.0010	U	0.0010	0.0010	mg/Kg	☼	10/14/25 13:19	10/15/25 22:06	1
Chloromethane	0.0010	U	0.0010	0.00045	mg/Kg	☼	10/14/25 13:19	10/15/25 22:06	1
cis-1,2-Dichloroethene	0.0010	U	0.0010	0.00037	mg/Kg	☼	10/14/25 13:19	10/15/25 22:06	1
cis-1,3-Dichloropropene	0.0010	U	0.0010	0.00028	mg/Kg	☼	10/14/25 13:19	10/15/25 22:06	1
Cyclohexane	0.0010	U	0.0010	0.00023	mg/Kg	☼	10/14/25 13:19	10/15/25 22:06	1
Dichlorobromomethane	0.0010	U	0.0010	0.00027	mg/Kg	☼	10/14/25 13:19	10/15/25 22:06	1
Dichlorodifluoromethane	0.0010	U	0.0010	0.00035	mg/Kg	☼	10/14/25 13:19	10/15/25 22:06	1
Ethylbenzene	0.0010	U	0.0010	0.00048	mg/Kg	☼	10/14/25 13:19	10/15/25 22:06	1
Ethylene Dibromide	0.0010	U	0.0010	0.00052	mg/Kg	☼	10/14/25 13:19	10/15/25 22:06	1
Isopropylbenzene	0.0010	U	0.0010	0.00029	mg/Kg	☼	10/14/25 13:19	10/15/25 22:06	1
Methyl acetate	0.0052	U	0.0052	0.0044	mg/Kg	☼	10/14/25 13:19	10/15/25 22:06	1
Methyl tert-butyl ether	0.0010	U	0.0010	0.00053	mg/Kg	☼	10/14/25 13:19	10/15/25 22:06	1

Client Sample ID: 51B_0-4
Date Collected: 10/10/25 09:05
Date Received: 10/10/25 17:30

Lab Sample ID: 460-337049-13
Matrix: Solid
Percent Solids: 96.8

Method: SW846 8260D - Volatile Organic Compounds by GC/MS (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Methylcyclohexane	0.0010	U	0.0010	0.00052	mg/Kg	☼	10/14/25 13:19	10/15/25 22:06	1
Methylene Chloride	0.0021	U	0.0021	0.0012	mg/Kg	☼	10/14/25 13:19	10/15/25 22:06	1
m-Xylene & p-Xylene	0.0010	U	0.0010	0.00044	mg/Kg	☼	10/14/25 13:19	10/15/25 22:06	1
n-Butylbenzene	0.0010	U	0.0010	0.00030	mg/Kg	☼	10/14/25 13:19	10/15/25 22:06	1
N-Propylbenzene	0.0010	U	0.0010	0.00046	mg/Kg	☼	10/14/25 13:19	10/15/25 22:06	1
o-Xylene	0.0010	U	0.0010	0.00048	mg/Kg	☼	10/14/25 13:19	10/15/25 22:06	1
sec-Butylbenzene	0.0010	U	0.0010	0.00030	mg/Kg	☼	10/14/25 13:19	10/15/25 22:06	1
Styrene	0.0010	U	0.0010	0.00029	mg/Kg	☼	10/14/25 13:19	10/15/25 22:06	1
tert-Butylbenzene	0.0010	U	0.0010	0.00029	mg/Kg	☼	10/14/25 13:19	10/15/25 22:06	1
Tetrachloroethene	0.0010	U	0.0010	0.00032	mg/Kg	☼	10/14/25 13:19	10/15/25 22:06	1
Toluene	0.0010	U	0.0010	0.00024	mg/Kg	☼	10/14/25 13:19	10/15/25 22:06	1
trans-1,2-Dichloroethene	0.0010	U	0.0010	0.00025	mg/Kg	☼	10/14/25 13:19	10/15/25 22:06	1
trans-1,3-Dichloropropene	0.0010	U	0.0010	0.00027	mg/Kg	☼	10/14/25 13:19	10/15/25 22:06	1
Trichloroethene	0.0010	U	0.0010	0.00033	mg/Kg	☼	10/14/25 13:19	10/15/25 22:06	1
Trichlorofluoromethane	0.0010	U	0.0010	0.00042	mg/Kg	☼	10/14/25 13:19	10/15/25 22:06	1
Vinyl chloride	0.0010	U	0.0010	0.00056	mg/Kg	☼	10/14/25 13:19	10/15/25 22:06	1
Xylenes, Total	0.0021	U	0.0021	0.00018	mg/Kg	☼	10/14/25 13:19	10/15/25 22:06	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,2-Dichloroethane-d4 (Surr)	*107*		*65 - 138*	*10/14/25 13:19*	*10/15/25 22:06*	*1*
4-Bromofluorobenzene	*102*		*71 - 128*	*10/14/25 13:19*	*10/15/25 22:06*	*1*
Dibromofluoromethane (Surr)	*103*		*50 - 150*	*10/14/25 13:19*	*10/15/25 22:06*	*1*
Toluene-d8 (Surr)	*97*		*71 - 126*	*10/14/25 13:19*	*10/15/25 22:06*	*1*

Method: SW846 8270E - Semivolatile Organic Compounds (GC/MS)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1'-Biphenyl	0.34	U	0.34	0.012	mg/Kg	☼	10/13/25 10:32	10/14/25 02:07	1
1,2,4,5-Tetrachlorobenzene	0.34	U	0.34	0.011	mg/Kg	☼	10/13/25 10:32	10/14/25 02:07	1
1,4-Dioxane	0.034	U	0.034	0.030	mg/Kg	☼	10/13/25 10:32	10/14/25 02:07	1
2,2'-oxybis[1-chloropropane]	0.34	U	0.34	0.020	mg/Kg	☼	10/13/25 10:32	10/14/25 02:07	1
2,3,4,6-Tetrachlorophenol	0.34	U	0.34	0.023	mg/Kg	☼	10/13/25 10:32	10/14/25 02:07	1
2,4,5-Trichlorophenol	0.34	U	0.34	0.035	mg/Kg	☼	10/13/25 10:32	10/14/25 02:07	1
2,4,6-Trichlorophenol	0.14	U	0.14	0.044	mg/Kg	☼	10/13/25 10:32	10/14/25 02:07	1
2,4-Dichlorophenol	0.14	U	0.14	0.022	mg/Kg	☼	10/13/25 10:32	10/14/25 02:07	1
2,4-Dimethylphenol	0.34	U	0.34	0.041	mg/Kg	☼	10/13/25 10:32	10/14/25 02:07	1
2,4-Dinitrophenol	0.27	U *	0.27	0.17	mg/Kg	☼	10/13/25 10:32	10/14/25 02:07	1
2,4-Dinitrotoluene	0.069	U	0.069	0.037	mg/Kg	☼	10/13/25 10:32	10/14/25 02:07	1
2,6-Dinitrotoluene	0.069	U	0.069	0.025	mg/Kg	☼	10/13/25 10:32	10/14/25 02:07	1
2-Chloronaphthalene	0.34	U	0.34	0.044	mg/Kg	☼	10/13/25 10:32	10/14/25 02:07	1
2-Chlorophenol	0.34	U	0.34	0.012	mg/Kg	☼	10/13/25 10:32	10/14/25 02:07	1
2-Methylnaphthalene	0.34	U	0.34	0.0095	mg/Kg	☼	10/13/25 10:32	10/14/25 02:07	1
2-Methylphenol	0.34	U	0.34	0.013	mg/Kg	☼	10/13/25 10:32	10/14/25 02:07	1
2-Nitroaniline	0.34	U	0.34	0.026	mg/Kg	☼	10/13/25 10:32	10/14/25 02:07	1
2-Nitrophenol	0.34	U	0.34	0.034	mg/Kg	☼	10/13/25 10:32	10/14/25 02:07	1
3 & 4 Methylphenol	0.34	U	0.34	0.021	mg/Kg	☼	10/13/25 10:32	10/14/25 02:07	1
3,3'-Dichlorobenzidine	0.14	U	0.14	0.052	mg/Kg	☼	10/13/25 10:32	10/14/25 02:07	1
3-Nitroaniline	0.34	U	0.34	0.081	mg/Kg	☼	10/13/25 10:32	10/14/25 02:07	1
4,6-Dinitro-2-methylphenol	0.27	U *	0.27	0.14	mg/Kg	☼	10/13/25 10:32	10/14/25 02:07	1
4-Bromophenyl phenyl ether	0.34	U	0.34	0.014	mg/Kg	☼	10/13/25 10:32	10/14/25 02:07	1
4-Chloro-3-methylphenol	0.34	U	0.34	0.019	mg/Kg	☼	10/13/25 10:32	10/14/25 02:07	1

Client Sample ID: 51B_0-4
Date Collected: 10/10/25 09:05
Date Received: 10/10/25 17:30

Lab Sample ID: 460-337049-13
Matrix: Solid
Percent Solids: 96.8

Method: SW846 8270E - Semivolatile Organic Compounds (GC/MS) (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
4-Chloroaniline	0.34	U	0.34	0.061	mg/Kg	☼	10/13/25 10:32	10/14/25 02:07	1
4-Chlorophenyl phenyl ether	0.34	U	0.34	0.012	mg/Kg	☼	10/13/25 10:32	10/14/25 02:07	1
4-Methylphenol	0.34	U	0.34	0.021	mg/Kg	☼	10/13/25 10:32	10/14/25 02:07	1
4-Nitroaniline	0.34	U	0.34	0.087	mg/Kg	☼	10/13/25 10:32	10/14/25 02:07	1
4-Nitrophenol	0.69	U	0.69	0.056	mg/Kg	☼	10/13/25 10:32	10/14/25 02:07	1
Acenaphthene	0.34	U	0.34	0.0097	mg/Kg	☼	10/13/25 10:32	10/14/25 02:07	1
Acenaphthylene	0.34	U	0.34	0.0098	mg/Kg	☼	10/13/25 10:32	10/14/25 02:07	1
Acetophenone	0.34	U	0.34	0.017	mg/Kg	☼	10/13/25 10:32	10/14/25 02:07	1
Anthracene	**0.012**	**J**	0.34	0.010	mg/Kg	☼	10/13/25 10:32	10/14/25 02:07	1
Atrazine	0.14	U	0.14	0.020	mg/Kg	☼	10/13/25 10:32	10/14/25 02:07	1
Benzaldehyde	0.34	U	0.34	0.056	mg/Kg	☼	10/13/25 10:32	10/14/25 02:07	1
Benzo[a]anthracene	0.034	U	0.034	0.026	mg/Kg	☼	10/13/25 10:32	10/14/25 02:07	1
Benzo[a]pyrene	0.034	U	0.034	0.0091	mg/Kg	☼	10/13/25 10:32	10/14/25 02:07	1
Benzo[b]fluoranthene	**0.012**	**J**	0.034	0.0088	mg/Kg	☼	10/13/25 10:32	10/14/25 02:07	1
Benzo[g,h,i]perylene	**0.013**	**J**	0.34	0.010	mg/Kg	☼	10/13/25 10:32	10/14/25 02:07	1
Benzo[k]fluoranthene	0.034	U	0.034	0.0067	mg/Kg	☼	10/13/25 10:32	10/14/25 02:07	1
Bis(2-chloroethoxy)methane	0.34	U	0.34	0.063	mg/Kg	☼	10/13/25 10:32	10/14/25 02:07	1
Bis(2-chloroethyl)ether	0.034	U	0.034	0.012	mg/Kg	☼	10/13/25 10:32	10/14/25 02:07	1
Bis(2-ethylhexyl) phthalate	0.34	U	0.34	0.018	mg/Kg	☼	10/13/25 10:32	10/14/25 02:07	1
Butyl benzyl phthalate	0.34	U	0.34	0.016	mg/Kg	☼	10/13/25 10:32	10/14/25 02:07	1
Caprolactam	0.34	U	0.34	0.053	mg/Kg	☼	10/13/25 10:32	10/14/25 02:07	1
Carbazole	0.34	U	0.34	0.013	mg/Kg	☼	10/13/25 10:32	10/14/25 02:07	1
Chrysene	**0.014**	**J**	0.34	0.014	mg/Kg	☼	10/13/25 10:32	10/14/25 02:07	1
Dibenz(a,h)anthracene	0.034	U	0.034	0.015	mg/Kg	☼	10/13/25 10:32	10/14/25 02:07	1
Dibenzofuran	0.34	U	0.34	0.011	mg/Kg	☼	10/13/25 10:32	10/14/25 02:07	1
Diethyl phthalate	0.34	U	0.34	0.011	mg/Kg	☼	10/13/25 10:32	10/14/25 02:07	1
Dimethyl phthalate	0.34	U	0.34	0.078	mg/Kg	☼	10/13/25 10:32	10/14/25 02:07	1
Di-n-butyl phthalate	0.34	U	0.34	0.013	mg/Kg	☼	10/13/25 10:32	10/14/25 02:07	1
Di-n-octyl phthalate	0.34	U	0.34	0.018	mg/Kg	☼	10/13/25 10:32	10/14/25 02:07	1
Fluoranthene	**0.013**	**J**	0.34	0.012	mg/Kg	☼	10/13/25 10:32	10/14/25 02:07	1
Fluorene	0.34	U	0.34	0.010	mg/Kg	☼	10/13/25 10:32	10/14/25 02:07	1
Hexachlorobenzene	0.034	U	0.034	0.016	mg/Kg	☼	10/13/25 10:32	10/14/25 02:07	1
Hexachlorobutadiene	0.069	U	0.069	0.0073	mg/Kg	☼	10/13/25 10:32	10/14/25 02:07	1
Hexachlorocyclopentadiene	0.34	U	0.34	0.030	mg/Kg	☼	10/13/25 10:32	10/14/25 02:07	1
Hexachloroethane	0.034	U	0.034	0.012	mg/Kg	☼	10/13/25 10:32	10/14/25 02:07	1
Indeno[1,2,3-cd]pyrene	0.034	U	0.034	0.013	mg/Kg	☼	10/13/25 10:32	10/14/25 02:07	1
Isophorone	0.14	U	0.14	0.099	mg/Kg	☼	10/13/25 10:32	10/14/25 02:07	1
Naphthalene	0.34	U	0.34	0.0059	mg/Kg	☼	10/13/25 10:32	10/14/25 02:07	1
Nitrobenzene	0.034	U	0.034	0.019	mg/Kg	☼	10/13/25 10:32	10/14/25 02:07	1
N-Nitrosodi-n-propylamine	0.034	U	0.034	0.025	mg/Kg	☼	10/13/25 10:32	10/14/25 02:07	1
N-Nitrosodiphenylamine	0.34	U	0.34	0.028	mg/Kg	☼	10/13/25 10:32	10/14/25 02:07	1
Pentachlorophenol	0.27	U	0.27	0.070	mg/Kg	☼	10/13/25 10:32	10/14/25 02:07	1
Phenanthrene	0.34	U	0.34	0.014	mg/Kg	☼	10/13/25 10:32	10/14/25 02:07	1
Phenol	0.34	U	0.34	0.013	mg/Kg	☼	10/13/25 10:32	10/14/25 02:07	1
Pyrene	**0.013**	**J**	0.34	0.0085	mg/Kg	☼	10/13/25 10:32	10/14/25 02:07	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
2,4,6-Tribromophenol (Surr)	*73*		*18 - 137*	*10/13/25 10:32*	*10/14/25 02:07*	*1*
2-Fluorobiphenyl	*69*		*33 - 117*	*10/13/25 10:32*	*10/14/25 02:07*	*1*
2-Fluorophenol (Surr)	*69*		*24 - 120*	*10/13/25 10:32*	*10/14/25 02:07*	*1*

Client Sample ID: 51B_0-4
Date Collected: 10/10/25 09:05
Date Received: 10/10/25 17:30

Lab Sample ID: 460-337049-13
Matrix: Solid
Percent Solids: 96.8

Method: SW846 8270E - Semivolatile Organic Compounds (GC/MS) (Continued)

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
Nitrobenzene-d5 (Surr)	62		27 - 120	10/13/25 10:32	10/14/25 02:07	1
Phenol-d5 (Surr)	66		28 - 118	10/13/25 10:32	10/14/25 02:07	1
Terphenyl-d14 (Surr)	73		33 - 124	10/13/25 10:32	10/14/25 02:07	1

Method: SW846 8081B - Organochlorine Pesticides (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
4,4'-DDD	0.0069	U	0.0069	0.0012	mg/Kg	☼	10/13/25 06:39	10/15/25 07:21	1
4,4'-DDE	0.0069	U	0.0069	0.00082	mg/Kg	☼	10/13/25 06:39	10/15/25 07:21	1
4,4'-DDT	0.0069	U	0.0069	0.0013	mg/Kg	☼	10/13/25 06:39	10/15/25 07:21	1
Aldrin	0.0069	U	0.0069	0.0010	mg/Kg	☼	10/13/25 06:39	10/15/25 07:21	1
alpha-BHC	0.0021	U	0.0021	0.00070	mg/Kg	☼	10/13/25 06:39	10/15/25 07:21	1
beta-BHC	0.0021	U	0.0021	0.00077	mg/Kg	☼	10/13/25 06:39	10/15/25 07:21	1
Chlordane (technical)	0.069	U	0.069	0.017	mg/Kg	☼	10/13/25 06:39	10/15/25 07:21	1
cis-Chlordane	0.0069	U	0.0069	0.0011	mg/Kg	☼	10/13/25 06:39	10/15/25 07:21	1
delta-BHC	0.0021	U	0.0021	0.00042	mg/Kg	☼	10/13/25 06:39	10/15/25 07:21	1
Dieldrin	0.0021	U	0.0021	0.00090	mg/Kg	☼	10/13/25 06:39	10/15/25 07:21	1
Endosulfan I	0.0069	U	0.0069	0.0011	mg/Kg	☼	10/13/25 06:39	10/15/25 07:21	1
Endosulfan II	0.0069	U	0.0069	0.0018	mg/Kg	☼	10/13/25 06:39	10/15/25 07:21	1
Endosulfan sulfate	0.0069	U	0.0069	0.00087	mg/Kg	☼	10/13/25 06:39	10/15/25 07:21	1
Endrin	0.0069	U	0.0069	0.00099	mg/Kg	☼	10/13/25 06:39	10/15/25 07:21	1
Endrin aldehyde	0.0069	U	0.0069	0.0016	mg/Kg	☼	10/13/25 06:39	10/15/25 07:21	1
Endrin ketone	0.0069	U	0.0069	0.0013	mg/Kg	☼	10/13/25 06:39	10/15/25 07:21	1
gamma-BHC (Lindane)	0.0021	U	0.0021	0.00064	mg/Kg	☼	10/13/25 06:39	10/15/25 07:21	1
Heptachlor	0.0069	U	0.0069	0.00082	mg/Kg	☼	10/13/25 06:39	10/15/25 07:21	1
Heptachlor epoxide	0.0069	U	0.0069	0.0010	mg/Kg	☼	10/13/25 06:39	10/15/25 07:21	1
Methoxychlor	0.0069	U	0.0069	0.0016	mg/Kg	☼	10/13/25 06:39	10/15/25 07:21	1
Toxaphene	0.069	U	0.069	0.025	mg/Kg	☼	10/13/25 06:39	10/15/25 07:21	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
DCB Decachlorobiphenyl	97		10 - 150	10/13/25 06:39	10/15/25 07:21	1
DCB Decachlorobiphenyl	101		10 - 150	10/13/25 06:39	10/15/25 07:21	1
Tetrachloro-m-xylene	123		14 - 150	10/13/25 06:39	10/15/25 07:21	1
Tetrachloro-m-xylene	124		14 - 150	10/13/25 06:39	10/15/25 07:21	1

Method: SW846 8082A - Polychlorinated Biphenyls (PCBs) by Gas Chromatography

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Aroclor 1016	0.069	U	0.069	0.018	mg/Kg	☼	10/13/25 06:42	10/14/25 21:35	1
Aroclor 1221	0.069	U	0.069	0.018	mg/Kg	☼	10/13/25 06:42	10/14/25 21:35	1
Aroclor 1232	0.069	U	0.069	0.018	mg/Kg	☼	10/13/25 06:42	10/14/25 21:35	1
Aroclor 1242	0.069	U	0.069	0.018	mg/Kg	☼	10/13/25 06:42	10/14/25 21:35	1
Aroclor 1248	0.069	U	0.069	0.018	mg/Kg	☼	10/13/25 06:42	10/14/25 21:35	1
Aroclor 1254	0.069	U	0.069	0.018	mg/Kg	☼	10/13/25 06:42	10/14/25 21:35	1
Aroclor 1260	0.069	U	0.069	0.018	mg/Kg	☼	10/13/25 06:42	10/14/25 21:35	1
Aroclor-1262	0.069	U	0.069	0.018	mg/Kg	☼	10/13/25 06:42	10/14/25 21:35	1
Aroclor 1268	0.069	U	0.069	0.018	mg/Kg	☼	10/13/25 06:42	10/14/25 21:35	1
Polychlorinated biphenyls, Total	0.069	U	0.069	0.018	mg/Kg	☼	10/13/25 06:42	10/14/25 21:35	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
DCB Decachlorobiphenyl	99		10 - 150	10/13/25 06:42	10/14/25 21:35	1
DCB Decachlorobiphenyl	98		10 - 150	10/13/25 06:42	10/14/25 21:35	1

Client Sample ID: 51B_0-4
Date Collected: 10/10/25 09:05
Date Received: 10/10/25 17:30

Lab Sample ID: 460-337049-13
Matrix: Solid
Percent Solids: 96.8

Method: SW846 8082A - Polychlorinated Biphenyls (PCBs) by Gas Chromatography (Continued)

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
Tetrachloro-m-xylene	*122*		*10 - 150*	*10/13/25 06:42*	*10/14/25 21:35*	*1*
Tetrachloro-m-xylene	*130*		*10 - 150*	*10/13/25 06:42*	*10/14/25 21:35*	*1*

Method: EPA 1633A - Per- and Polyfluoroalkyl Substances by LC/MS/MS, 1633A

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Perfluorobutanoic acid (PFBA)	0.39	U	0.39	0.098	ug/Kg	☼	10/15/25 16:06	10/17/25 09:08	1
Perfluoropentanoic acid (PFPeA)	0.20	U	0.20	0.098	ug/Kg	☼	10/15/25 16:06	10/17/25 09:08	1
Perfluorohexanoic acid (PFHxA)	0.20	U	0.20	0.098	ug/Kg	☼	10/15/25 16:06	10/17/25 09:08	1
Perfluoroheptanoic acid (PFHpA)	0.20	U	0.20	0.098	ug/Kg	☼	10/15/25 16:06	10/17/25 09:08	1
Perfluorooctanoic acid (PFOA)	**0.28**		0.20	0.059	ug/Kg	☼	10/15/25 16:06	10/17/25 09:08	1
Perfluorononanoic acid (PFNA)	**1.07**		0.20	0.098	ug/Kg	☼	10/15/25 16:06	10/17/25 09:08	1
Perfluorodecanoic acid (PFDA)	**0.47**		0.20	0.059	ug/Kg	☼	10/15/25 16:06	10/17/25 09:08	1
Perfluoroundecanoic acid (PFUnA)	**2.99**		0.20	0.098	ug/Kg	☼	10/15/25 16:06	10/17/25 09:08	1
Perfluorododecanoic acid (PFDoA)	**0.28**		0.20	0.098	ug/Kg	☼	10/15/25 16:06	10/17/25 09:08	1
Perfluorotridecanoic acid (PFTrDA)	**1.76**		0.20	0.098	ug/Kg	☼	10/15/25 16:06	10/17/25 09:08	1
Perfluorotetradecanoic acid (PFTeDA)	0.20	U	0.20	0.098	ug/Kg	☼	10/15/25 16:06	10/17/25 09:08	1
Perfluorobutanesulfonic acid (PFBS)	0.20	U	0.20	0.098	ug/Kg	☼	10/15/25 16:06	10/17/25 09:08	1
Perfluoropentanesulfonic acid (PFPeS)	0.20	U	0.20	0.098	ug/Kg	☼	10/15/25 16:06	10/17/25 09:08	1
Perfluorohexanesulfonic acid (PFHxS)	0.20	U	0.20	0.098	ug/Kg	☼	10/15/25 16:06	10/17/25 09:08	1
Perfluoroheptanesulfonic acid (PFHpS)	0.20	U	0.20	0.098	ug/Kg	☼	10/15/25 16:06	10/17/25 09:08	1
Perfluorooctanesulfonic acid (PFOS)	**0.20**		0.20	0.098	ug/Kg	☼	10/15/25 16:06	10/17/25 09:08	1
Perfluorononanesulfonic acid (PFNS)	0.20	U	0.20	0.098	ug/Kg	☼	10/15/25 16:06	10/17/25 09:08	1
Perfluorodecanesulfonic acid (PFDS)	0.20	U	0.20	0.098	ug/Kg	☼	10/15/25 16:06	10/17/25 09:08	1
Perfluorododecanesulfonic acid (PFDoS)	0.20	U	0.20	0.098	ug/Kg	☼	10/15/25 16:06	10/17/25 09:08	1
1H,1H,2H,2H-Perfluorohexane sulfonic acid (4:2 FTS)	0.39	U	0.39	0.20	ug/Kg	☼	10/15/25 16:06	10/17/25 09:08	1
1H,1H,2H,2H-Perfluorooctane sulfonic acid (6:2 FTS)	0.39	U	0.39	0.20	ug/Kg	☼	10/15/25 16:06	10/17/25 09:08	1
1H,1H,2H,2H-Perfluorodecane sulfonic acid (8:2 FTS)	**0.28**	**J**	0.39	0.20	ug/Kg	☼	10/15/25 16:06	10/17/25 09:08	1
Perfluorooctanesulfonamide (PFOSA)	0.20	U	0.20	0.098	ug/Kg	☼	10/15/25 16:06	10/17/25 09:08	1
N-methylperfluorooctane sulfonamide (NMeFOSA)	0.20	U	0.20	0.098	ug/Kg	☼	10/15/25 16:06	10/17/25 09:08	1
N-ethylperfluorooctane sulfonamide (NEtFOSA)	0.20	U	0.20	0.098	ug/Kg	☼	10/15/25 16:06	10/17/25 09:08	1
N-methylperfluorooctanesulfonamidoacetic acid (NMeFOSAA)	0.20	U	0.20	0.098	ug/Kg	☼	10/15/25 16:06	10/17/25 09:08	1
N-ethylperfluorooctanesulfonamidoacetic acid (NEtFOSAA)	0.20	U	0.20	0.098	ug/Kg	☼	10/15/25 16:06	10/17/25 09:08	1
N-methylperfluorooctane sulfonamidoethanol (NMeFOSE)	0.98	U	0.98	0.49	ug/Kg	☼	10/15/25 16:06	10/17/25 09:08	1
N-ethylperfluorooctane sulfonamidoethanol (NEtFOSE)	0.98	U	0.98	0.49	ug/Kg	☼	10/15/25 16:06	10/17/25 09:08	1
Hexafluoropropylene Oxide Dimer Acid (HFPO-DA)	0.20	U	0.20	0.098	ug/Kg	☼	10/15/25 16:06	10/17/25 09:08	1
4,8-Dioxa-3H-perfluorononanoic acid (ADONA)	0.20	U	0.20	0.098	ug/Kg	☼	10/15/25 16:06	10/17/25 09:08	1

Client Sample ID: 51B_0-4
Date Collected: 10/10/25 09:05
Date Received: 10/10/25 17:30

Lab Sample ID: 460-337049-13
Matrix: Solid
Percent Solids: 96.8

Method: EPA 1633A - Per- and Polyfluoroalkyl Substances by LC/MS/MS, 1633A (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Perfluoro-3-methoxypropanoic acid (PFMPA)	0.20	U	0.20	0.098	ug/Kg	☼	10/15/25 16:06	10/17/25 09:08	1
Perfluoro-4-methoxybutanoic acid (PFMBA)	0.20	U	0.20	0.098	ug/Kg	☼	10/15/25 16:06	10/17/25 09:08	1
Nonafluoro-3,6-dioxaheptanoic acid (NFDHA)	0.20	U	0.20	0.098	ug/Kg	☼	10/15/25 16:06	10/17/25 09:08	1
9-Chlorohexadecafluoro-3-oxanonane-1-sulfonic acid (9Cl-PF3ONS)	0.20	U	0.20	0.098	ug/Kg	☼	10/15/25 16:06	10/17/25 09:08	1
11-Chloroeicosafluoro-3-oxaundecane-1-sulfonic acid (11Cl-PF3OUdS)	0.20	U	0.20	0.098	ug/Kg	☼	10/15/25 16:06	10/17/25 09:08	1
Perfluoro (2-ethoxyethane) sulfonic acid (PFEESA)	0.20	U	0.20	0.098	ug/Kg	☼	10/15/25 16:06	10/17/25 09:08	1
3-Perfluoropropylpropanoic acid (3:3 FTCA)	0.39	U	0.39	0.20	ug/Kg	☼	10/15/25 16:06	10/17/25 09:08	1
3-Perfluoropentylpropanoic acid (5:3 FTCA)	0.98	U	0.98	0.49	ug/Kg	☼	10/15/25 16:06	10/17/25 09:08	1
3-Perfluoroheptylpropanoic acid (7:3 FTCA)	0.98	U	0.98	0.49	ug/Kg	☼	10/15/25 16:06	10/17/25 09:08	1

Isotope Dilution	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
13C4 PFBA	*77.0*		*8 - 130*	*10/15/25 16:06*	*10/17/25 09:08*	*1*
13C5 PFPeA	*76.7*		*35 - 130*	*10/15/25 16:06*	*10/17/25 09:08*	*1*
13C5 PFHxA	*75.8*		*40 - 130*	*10/15/25 16:06*	*10/17/25 09:08*	*1*
13C4 PFHpA	*80.8*		*40 - 130*	*10/15/25 16:06*	*10/17/25 09:08*	*1*
13C8 PFOA	*77.3*		*40 - 130*	*10/15/25 16:06*	*10/17/25 09:08*	*1*
13C9 PFNA	*79.5*		*40 - 130*	*10/15/25 16:06*	*10/17/25 09:08*	*1*
13C6 PFDA	*72.9*		*40 - 130*	*10/15/25 16:06*	*10/17/25 09:08*	*1*
13C7 PFUnA	*78.3*		*40 - 130*	*10/15/25 16:06*	*10/17/25 09:08*	*1*
13C2 PFTeDA	*58.5*		*20 - 130*	*10/15/25 16:06*	*10/17/25 09:08*	*1*
13C3 PFBS	*78.6*		*40 - 135*	*10/15/25 16:06*	*10/17/25 09:08*	*1*
13C3 PFHxS	*76.7*		*40 - 130*	*10/15/25 16:06*	*10/17/25 09:08*	*1*
13C8 PFOS	*75.1*		*40 - 130*	*10/15/25 16:06*	*10/17/25 09:08*	*1*
13C8 FOSA	*66.7*		*40 - 130*	*10/15/25 16:06*	*10/17/25 09:08*	*1*
d3-NMeFOSAA	*71.9*		*40 - 135*	*10/15/25 16:06*	*10/17/25 09:08*	*1*
d5-NEtFOSAA	*75.4*		*40 - 150*	*10/15/25 16:06*	*10/17/25 09:08*	*1*
13C2 4:2 FTS	*170*	*	*40 - 165*	*10/15/25 16:06*	*10/17/25 09:08*	*1*
13C2 6:2 FTS	*168*		*40 - 215*	*10/15/25 16:06*	*10/17/25 09:08*	*1*
13C2 8:2 FTS	*132*		*40 - 275*	*10/15/25 16:06*	*10/17/25 09:08*	*1*
13C3 HFPO-DA	*71.4*		*40 - 130*	*10/15/25 16:06*	*10/17/25 09:08*	*1*
d7-N-MeFOSE-M	*38.4*		*20 - 130*	*10/15/25 16:06*	*10/17/25 09:08*	*1*
d9-N-EtFOSE-M	*30.8*		*15 - 130*	*10/15/25 16:06*	*10/17/25 09:08*	*1*
d5-NEtPFOSA	*60.2*		*10 - 130*	*10/15/25 16:06*	*10/17/25 09:08*	*1*
d3-NMePFOSA	*63.8*		*10 - 130*	*10/15/25 16:06*	*10/17/25 09:08*	*1*
13C2 PFDoA	*65.3*		*40 - 130*	*10/15/25 16:06*	*10/17/25 09:08*	*1*

Method: SW846 6020B - Metals (ICP/MS)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Aluminum	**7970**		15.5	4.3	mg/Kg	☼	10/17/25 20:20	10/18/25 18:44	1
Antimony	**2.3**		0.78	0.11	mg/Kg	☼	10/17/25 20:20	10/18/25 18:44	1
Arsenic	**7.0**		0.78	0.080	mg/Kg	☼	10/17/25 20:20	10/18/25 18:44	1
Barium	**46.5**		1.6	0.11	mg/Kg	☼	10/17/25 20:20	10/18/25 18:44	1
Beryllium	**0.67**		0.31	0.017	mg/Kg	☼	10/17/25 20:20	10/18/25 18:44	1
Cadmium	**0.14**	**J**	0.78	0.088	mg/Kg	☼	10/17/25 20:20	10/18/25 18:44	1

Client Sample ID: 51B_0-4

Date Collected: 10/10/25 09:05
Date Received: 10/10/25 17:30

Lab Sample ID: 460-337049-13

Matrix: Solid
Percent Solids: 96.8

Method: SW846 6020B - Metals (ICP/MS) (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Calcium	885		77.7	7.6	mg/Kg	☼	10/17/25 20:20	10/18/25 18:44	1
Chromium	17.5		1.6	0.23	mg/Kg	☼	10/17/25 20:20	10/18/25 18:44	1
Cobalt	5.0		0.78	0.12	mg/Kg	☼	10/17/25 20:20	10/18/25 18:44	1
Copper	41.9		1.6	0.29	mg/Kg	☼	10/17/25 20:20	10/18/25 18:44	1
Iron	20800		46.6	5.9	mg/Kg	☼	10/17/25 20:20	10/18/25 18:44	1
Lead	94.8		0.47	0.16	mg/Kg	☼	10/17/25 20:20	10/18/25 18:44	1
Magnesium	1980		77.7	7.9	mg/Kg	☼	10/17/25 20:20	10/18/25 18:44	1
Manganese	134		3.1	0.31	mg/Kg	☼	10/17/25 20:20	10/18/25 18:44	1
Nickel	11.8		1.6	0.14	mg/Kg	☼	10/17/25 20:20	10/18/25 18:44	1
Potassium	1100		77.7	12.6	mg/Kg	☼	10/17/25 20:20	10/18/25 18:44	1
Selenium	0.41	J	0.97	0.099	mg/Kg	☼	10/17/25 20:20	10/18/25 18:44	1
Silver	0.27	J	0.31	0.069	mg/Kg	☼	10/17/25 20:20	10/18/25 18:44	1
Sodium	58.2	J	77.7	35.5	mg/Kg	☼	10/17/25 20:20	10/18/25 18:44	1
Thallium	0.12	J	0.31	0.032	mg/Kg	☼	10/17/25 20:20	10/18/25 18:44	1
Vanadium	27.5		1.6	0.16	mg/Kg	☼	10/17/25 20:20	10/18/25 18:44	1
Zinc	91.3		6.2	0.85	mg/Kg	☼	10/17/25 20:20	10/18/25 18:44	1

Method: SW846 7471B - Mercury (CVAA)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	0.032		0.016	0.0073	mg/Kg	☼	10/22/25 01:36	10/22/25 08:00	1

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Percent Moisture (EPA Moisture)	3.2		1.0	1.0	%			10/13/25 17:10	1
Percent Solids (EPA Moisture)	96.8		1.0	1.0	%			10/13/25 17:10	1

Client Sample ID: 51B_4-8

Date Collected: 10/10/25 09:10
Date Received: 10/10/25 17:30

Lab Sample ID: 460-337049-14

Matrix: Solid
Percent Solids: 90.1

Method: SW846 8260D - Volatile Organic Compounds by GC/MS

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1-Trichloroethane	0.0010	U	0.0010	0.00024	mg/Kg	☼	10/14/25 13:20	10/15/25 22:30	1
1,1,2,2-Tetrachloroethane	0.0010	U	0.0010	0.00054	mg/Kg	☼	10/14/25 13:20	10/15/25 22:30	1
1,1,2-Trichloro-1,2,2-trifluoroethane	0.0010	U	0.0010	0.00031	mg/Kg	☼	10/14/25 13:20	10/15/25 22:30	1
1,1,2-Trichloroethane	0.0010	U	0.0010	0.00062	mg/Kg	☼	10/14/25 13:20	10/15/25 22:30	1
1,1-Dichloroethane	0.0010	U	0.0010	0.00062	mg/Kg	☼	10/14/25 13:20	10/15/25 22:30	1
1,1-Dichloroethene	0.0010	U	0.0010	0.00023	mg/Kg	☼	10/14/25 13:20	10/15/25 22:30	1
1,2,3-Trichlorobenzene	0.0010	U	0.0010	0.00076	mg/Kg	☼	10/14/25 13:20	10/15/25 22:30	1
1,2,4-Trichlorobenzene	0.0010	U	0.0010	0.00037	mg/Kg	☼	10/14/25 13:20	10/15/25 22:30	1
1,2,4-Trimethylbenzene	0.0010	U	0.0010	0.00025	mg/Kg	☼	10/14/25 13:20	10/15/25 22:30	1
1,2-Dibromo-3-Chloropropane	0.0010	U	0.0010	0.00048	mg/Kg	☼	10/14/25 13:20	10/15/25 22:30	1
1,2-Dichlorobenzene	0.0010	U	0.0010	0.00037	mg/Kg	☼	10/14/25 13:20	10/15/25 22:30	1
1,2-Dichloroethane	0.0010	U	0.0010	0.00031	mg/Kg	☼	10/14/25 13:20	10/15/25 22:30	1
1,2-Dichloropropane	0.0010	U	0.0010	0.00044	mg/Kg	☼	10/14/25 13:20	10/15/25 22:30	1
1,3,5-Trimethylbenzene	0.0010	U	0.0010	0.00032	mg/Kg	☼	10/14/25 13:20	10/15/25 22:30	1
1,3-Dichlorobenzene	0.0010	U	0.0010	0.00038	mg/Kg	☼	10/14/25 13:20	10/15/25 22:30	1
1,4-Dichlorobenzene	0.0010	U	0.0010	0.00054	mg/Kg	☼	10/14/25 13:20	10/15/25 22:30	1
2-Butanone (MEK)	0.0034	J	0.0052	0.00038	mg/Kg	☼	10/14/25 13:20	10/15/25 22:30	1
2-Hexanone	0.0052	U	0.0052	0.0018	mg/Kg	☼	10/14/25 13:20	10/15/25 22:30	1

Client Sample ID: 51B_4-8
Date Collected: 10/10/25 09:10
Date Received: 10/10/25 17:30

Lab Sample ID: 460-337049-14
Matrix: Solid
Percent Solids: 90.1

Method: SW846 8260D - Volatile Organic Compounds by GC/MS (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
4-Methyl-2-pentanone (MIBK)	0.0052	U	0.0052	0.0016	mg/Kg	☼	10/14/25 13:20	10/15/25 22:30	1
Acetone	**0.018**		0.0062	0.0059	mg/Kg	☼	10/14/25 13:20	10/15/25 22:30	1
Benzene	0.0010	U	0.0010	0.00059	mg/Kg	☼	10/14/25 13:20	10/15/25 22:30	1
Bromoform	0.0010	U	0.0010	0.00044	mg/Kg	☼	10/14/25 13:20	10/15/25 22:30	1
Bromomethane	0.0021	U	0.0021	0.0010	mg/Kg	☼	10/14/25 13:20	10/15/25 22:30	1
Carbon disulfide	0.0010	U	0.0010	0.00028	mg/Kg	☼	10/14/25 13:20	10/15/25 22:30	1
Carbon tetrachloride	0.0010	U	0.0010	0.00040	mg/Kg	☼	10/14/25 13:20	10/15/25 22:30	1
Chlorobenzene	0.0010	U	0.0010	0.00052	mg/Kg	☼	10/14/25 13:20	10/15/25 22:30	1
Chlorobromomethane	0.0010	U	0.0010	0.00062	mg/Kg	☼	10/14/25 13:20	10/15/25 22:30	1
Chlorodibromomethane	0.0010	U	0.0010	0.00056	mg/Kg	☼	10/14/25 13:20	10/15/25 22:30	1
Chloroethane	0.0010	U	0.0010	0.00054	mg/Kg	☼	10/14/25 13:20	10/15/25 22:30	1
Chloroform	0.0010	U	0.0010	0.0010	mg/Kg	☼	10/14/25 13:20	10/15/25 22:30	1
Chloromethane	0.0010	U	0.0010	0.00045	mg/Kg	☼	10/14/25 13:20	10/15/25 22:30	1
cis-1,2-Dichloroethene	0.0010	U	0.0010	0.00037	mg/Kg	☼	10/14/25 13:20	10/15/25 22:30	1
cis-1,3-Dichloropropene	0.0010	U	0.0010	0.00028	mg/Kg	☼	10/14/25 13:20	10/15/25 22:30	1
Cyclohexane	0.0010	U	0.0010	0.00023	mg/Kg	☼	10/14/25 13:20	10/15/25 22:30	1
Dichlorobromomethane	0.0010	U	0.0010	0.00027	mg/Kg	☼	10/14/25 13:20	10/15/25 22:30	1
Dichlorodifluoromethane	0.0010	U	0.0010	0.00035	mg/Kg	☼	10/14/25 13:20	10/15/25 22:30	1
Ethylbenzene	0.0010	U	0.0010	0.00048	mg/Kg	☼	10/14/25 13:20	10/15/25 22:30	1
Ethylene Dibromide	0.0010	U	0.0010	0.00052	mg/Kg	☼	10/14/25 13:20	10/15/25 22:30	1
Isopropylbenzene	0.0010	U	0.0010	0.00029	mg/Kg	☼	10/14/25 13:20	10/15/25 22:30	1
Methyl acetate	0.0052	U	0.0052	0.0044	mg/Kg	☼	10/14/25 13:20	10/15/25 22:30	1
Methyl tert-butyl ether	0.0010	U	0.0010	0.00053	mg/Kg	☼	10/14/25 13:20	10/15/25 22:30	1
Methylcyclohexane	0.0010	U	0.0010	0.00052	mg/Kg	☼	10/14/25 13:20	10/15/25 22:30	1
Methylene Chloride	0.0021	U	0.0021	0.0012	mg/Kg	☼	10/14/25 13:20	10/15/25 22:30	1
m-Xylene & p-Xylene	0.0010	U	0.0010	0.00044	mg/Kg	☼	10/14/25 13:20	10/15/25 22:30	1
n-Butylbenzene	0.0010	U	0.0010	0.00030	mg/Kg	☼	10/14/25 13:20	10/15/25 22:30	1
N-Propylbenzene	0.0010	U	0.0010	0.00046	mg/Kg	☼	10/14/25 13:20	10/15/25 22:30	1
o-Xylene	0.0010	U	0.0010	0.00048	mg/Kg	☼	10/14/25 13:20	10/15/25 22:30	1
sec-Butylbenzene	0.0010	U	0.0010	0.00030	mg/Kg	☼	10/14/25 13:20	10/15/25 22:30	1
Styrene	0.0010	U	0.0010	0.00029	mg/Kg	☼	10/14/25 13:20	10/15/25 22:30	1
tert-Butylbenzene	0.0010	U	0.0010	0.00029	mg/Kg	☼	10/14/25 13:20	10/15/25 22:30	1
Tetrachloroethene	0.0010	U	0.0010	0.00032	mg/Kg	☼	10/14/25 13:20	10/15/25 22:30	1
Toluene	0.0010	U	0.0010	0.00024	mg/Kg	☼	10/14/25 13:20	10/15/25 22:30	1
trans-1,2-Dichloroethene	0.0010	U	0.0010	0.00025	mg/Kg	☼	10/14/25 13:20	10/15/25 22:30	1
trans-1,3-Dichloropropene	0.0010	U	0.0010	0.00028	mg/Kg	☼	10/14/25 13:20	10/15/25 22:30	1
Trichloroethene	0.0010	U	0.0010	0.00033	mg/Kg	☼	10/14/25 13:20	10/15/25 22:30	1
Trichlorofluoromethane	0.0010	U	0.0010	0.00042	mg/Kg	☼	10/14/25 13:20	10/15/25 22:30	1
Vinyl chloride	0.0010	U	0.0010	0.00056	mg/Kg	☼	10/14/25 13:20	10/15/25 22:30	1
Xylenes, Total	0.0021	U	0.0021	0.00018	mg/Kg	☼	10/14/25 13:20	10/15/25 22:30	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,2-Dichloroethane-d4 (Surr)	*106*		*65 - 138*	*10/14/25 13:20*	*10/15/25 22:30*	*1*
4-Bromofluorobenzene	*105*		*71 - 128*	*10/14/25 13:20*	*10/15/25 22:30*	*1*
Dibromofluoromethane (Surr)	*100*		*50 - 150*	*10/14/25 13:20*	*10/15/25 22:30*	*1*
Toluene-d8 (Surr)	*97*		*71 - 126*	*10/14/25 13:20*	*10/15/25 22:30*	*1*

Method: SW846 8270E - Semivolatile Organic Compounds (GC/MS)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1'-Biphenyl	0.36	U	0.36	0.013	mg/Kg	☼	10/13/25 10:32	10/14/25 02:31	1

Client Sample ID: 51B_4-8
Date Collected: 10/10/25 09:10
Date Received: 10/10/25 17:30

Lab Sample ID: 460-337049-14
Matrix: Solid
Percent Solids: 90.1

Method: SW846 8270E - Semivolatile Organic Compounds (GC/MS) (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,2,4,5-Tetrachlorobenzene	0.36	U	0.36	0.011	mg/Kg	☼	10/13/25 10:32	10/14/25 02:31	1
1,4-Dioxane	0.036	U	0.036	0.032	mg/Kg	☼	10/13/25 10:32	10/14/25 02:31	1
2,2'-oxybis[1-chloropropane]	0.36	U	0.36	0.022	mg/Kg	☼	10/13/25 10:32	10/14/25 02:31	1
2,3,4,6-Tetrachlorophenol	0.36	U	0.36	0.025	mg/Kg	☼	10/13/25 10:32	10/14/25 02:31	1
2,4,5-Trichlorophenol	0.36	U	0.36	0.037	mg/Kg	☼	10/13/25 10:32	10/14/25 02:31	1
2,4,6-Trichlorophenol	0.15	U	0.15	0.047	mg/Kg	☼	10/13/25 10:32	10/14/25 02:31	1
2,4-Dichlorophenol	0.15	U	0.15	0.023	mg/Kg	☼	10/13/25 10:32	10/14/25 02:31	1
2,4-Dimethylphenol	0.36	U	0.36	0.044	mg/Kg	☼	10/13/25 10:32	10/14/25 02:31	1
2,4-Dinitrophenol	0.29	U *	0.29	0.18	mg/Kg	☼	10/13/25 10:32	10/14/25 02:31	1
2,4-Dinitrotoluene	0.074	U	0.074	0.039	mg/Kg	☼	10/13/25 10:32	10/14/25 02:31	1
2,6-Dinitrotoluene	0.074	U	0.074	0.026	mg/Kg	☼	10/13/25 10:32	10/14/25 02:31	1
2-Chloronaphthalene	0.36	U	0.36	0.047	mg/Kg	☼	10/13/25 10:32	10/14/25 02:31	1
2-Chlorophenol	0.36	U	0.36	0.013	mg/Kg	☼	10/13/25 10:32	10/14/25 02:31	1
2-Methylnaphthalene	**0.012**	**J**	0.36	0.010	mg/Kg	☼	10/13/25 10:32	10/14/25 02:31	1
2-Methylphenol	0.36	U	0.36	0.014	mg/Kg	☼	10/13/25 10:32	10/14/25 02:31	1
2-Nitroaniline	0.36	U	0.36	0.028	mg/Kg	☼	10/13/25 10:32	10/14/25 02:31	1
2-Nitrophenol	0.36	U	0.36	0.037	mg/Kg	☼	10/13/25 10:32	10/14/25 02:31	1
3 & 4 Methylphenol	0.36	U	0.36	0.023	mg/Kg	☼	10/13/25 10:32	10/14/25 02:31	1
3,3'-Dichlorobenzidine	0.15	U	0.15	0.055	mg/Kg	☼	10/13/25 10:32	10/14/25 02:31	1
3-Nitroaniline	0.36	U	0.36	0.087	mg/Kg	☼	10/13/25 10:32	10/14/25 02:31	1
4,6-Dinitro-2-methylphenol	0.29	U *	0.29	0.15	mg/Kg	☼	10/13/25 10:32	10/14/25 02:31	1
4-Bromophenyl phenyl ether	0.36	U	0.36	0.014	mg/Kg	☼	10/13/25 10:32	10/14/25 02:31	1
4-Chloro-3-methylphenol	0.36	U	0.36	0.020	mg/Kg	☼	10/13/25 10:32	10/14/25 02:31	1
4-Chloroaniline	0.36	U	0.36	0.065	mg/Kg	☼	10/13/25 10:32	10/14/25 02:31	1
4-Chlorophenyl phenyl ether	0.36	U	0.36	0.013	mg/Kg	☼	10/13/25 10:32	10/14/25 02:31	1
4-Methylphenol	0.36	U	0.36	0.023	mg/Kg	☼	10/13/25 10:32	10/14/25 02:31	1
4-Nitroaniline	0.36	U	0.36	0.093	mg/Kg	☼	10/13/25 10:32	10/14/25 02:31	1
4-Nitrophenol	0.74	U	0.74	0.060	mg/Kg	☼	10/13/25 10:32	10/14/25 02:31	1
Acenaphthene	0.36	U	0.36	0.010	mg/Kg	☼	10/13/25 10:32	10/14/25 02:31	1
Acenaphthylene	0.36	U	0.36	0.010	mg/Kg	☼	10/13/25 10:32	10/14/25 02:31	1
Acetophenone	0.36	U	0.36	0.018	mg/Kg	☼	10/13/25 10:32	10/14/25 02:31	1
Anthracene	**0.011**	**J**	0.36	0.011	mg/Kg	☼	10/13/25 10:32	10/14/25 02:31	1
Atrazine	0.15	U	0.15	0.022	mg/Kg	☼	10/13/25 10:32	10/14/25 02:31	1
Benzaldehyde	**0.079**	**J**	0.36	0.060	mg/Kg	☼	10/13/25 10:32	10/14/25 02:31	1
Benzo[a]anthracene	0.036	U	0.036	0.028	mg/Kg	☼	10/13/25 10:32	10/14/25 02:31	1
Benzo[a]pyrene	**0.010**	**J**	0.036	0.0097	mg/Kg	☼	10/13/25 10:32	10/14/25 02:31	1
Benzo[b]fluoranthene	**0.016**	**J**	0.036	0.0095	mg/Kg	☼	10/13/25 10:32	10/14/25 02:31	1
Benzo[g,h,i]perylene	**0.013**	**J**	0.36	0.011	mg/Kg	☼	10/13/25 10:32	10/14/25 02:31	1
Benzo[k]fluoranthene	0.036	U	0.036	0.0072	mg/Kg	☼	10/13/25 10:32	10/14/25 02:31	1
Bis(2-chloroethoxy)methane	0.36	U	0.36	0.067	mg/Kg	☼	10/13/25 10:32	10/14/25 02:31	1
Bis(2-chloroethyl)ether	0.036	U	0.036	0.013	mg/Kg	☼	10/13/25 10:32	10/14/25 02:31	1
Bis(2-ethylhexyl) phthalate	0.36	U	0.36	0.019	mg/Kg	☼	10/13/25 10:32	10/14/25 02:31	1
Butyl benzyl phthalate	0.36	U	0.36	0.017	mg/Kg	☼	10/13/25 10:32	10/14/25 02:31	1
Caprolactam	0.36	U	0.36	0.057	mg/Kg	☼	10/13/25 10:32	10/14/25 02:31	1
Carbazole	0.36	U	0.36	0.014	mg/Kg	☼	10/13/25 10:32	10/14/25 02:31	1
Chrysene	0.36	U	0.36	0.015	mg/Kg	☼	10/13/25 10:32	10/14/25 02:31	1
Dibenz(a,h)anthracene	0.036	U	0.036	0.016	mg/Kg	☼	10/13/25 10:32	10/14/25 02:31	1
Dibenzofuran	0.36	U	0.36	0.012	mg/Kg	☼	10/13/25 10:32	10/14/25 02:31	1
Diethyl phthalate	0.36	U	0.36	0.012	mg/Kg	☼	10/13/25 10:32	10/14/25 02:31	1

Client Sample ID: 51B_4-8
Date Collected: 10/10/25 09:10
Date Received: 10/10/25 17:30

Lab Sample ID: 460-337049-14
Matrix: Solid
Percent Solids: 90.1

Method: SW846 8270E - Semivolatile Organic Compounds (GC/MS) (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Dimethyl phthalate	0.36	U	0.36	0.083	mg/Kg	☼	10/13/25 10:32	10/14/25 02:31	1
Di-n-butyl phthalate	0.36	U	0.36	0.014	mg/Kg	☼	10/13/25 10:32	10/14/25 02:31	1
Di-n-octyl phthalate	0.36	U	0.36	0.019	mg/Kg	☼	10/13/25 10:32	10/14/25 02:31	1
Fluoranthene	**0.016**	**J**	0.36	0.013	mg/Kg	☼	10/13/25 10:32	10/14/25 02:31	1
Fluorene	0.36	U	0.36	0.011	mg/Kg	☼	10/13/25 10:32	10/14/25 02:31	1
Hexachlorobenzene	0.036	U	0.036	0.017	mg/Kg	☼	10/13/25 10:32	10/14/25 02:31	1
Hexachlorobutadiene	0.074	U	0.074	0.0078	mg/Kg	☼	10/13/25 10:32	10/14/25 02:31	1
Hexachlorocyclopentadiene	0.36	U	0.36	0.032	mg/Kg	☼	10/13/25 10:32	10/14/25 02:31	1
Hexachloroethane	0.036	U	0.036	0.013	mg/Kg	☼	10/13/25 10:32	10/14/25 02:31	1
Indeno[1,2,3-cd]pyrene	0.036	U	0.036	0.014	mg/Kg	☼	10/13/25 10:32	10/14/25 02:31	1
Isophorone	0.15	U	0.15	0.11	mg/Kg	☼	10/13/25 10:32	10/14/25 02:31	1
Naphthalene	**0.0078**	**J**	0.36	0.0063	mg/Kg	☼	10/13/25 10:32	10/14/25 02:31	1
Nitrobenzene	0.036	U	0.036	0.020	mg/Kg	☼	10/13/25 10:32	10/14/25 02:31	1
N-Nitrosodi-n-propylamine	0.036	U	0.036	0.027	mg/Kg	☼	10/13/25 10:32	10/14/25 02:31	1
N-Nitrosodiphenylamine	0.36	U	0.36	0.030	mg/Kg	☼	10/13/25 10:32	10/14/25 02:31	1
Pentachlorophenol	0.29	U	0.29	0.075	mg/Kg	☼	10/13/25 10:32	10/14/25 02:31	1
Phenanthrene	0.36	U	0.36	0.015	mg/Kg	☼	10/13/25 10:32	10/14/25 02:31	1
Phenol	0.36	U	0.36	0.013	mg/Kg	☼	10/13/25 10:32	10/14/25 02:31	1
Pyrene	**0.015**	**J**	0.36	0.0091	mg/Kg	☼	10/13/25 10:32	10/14/25 02:31	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
2,4,6-Tribromophenol (Surr)	*75*		*18 - 137*	*10/13/25 10:32*	*10/14/25 02:31*	*1*
2-Fluorobiphenyl	*70*		*33 - 117*	*10/13/25 10:32*	*10/14/25 02:31*	*1*
2-Fluorophenol (Surr)	*69*		*24 - 120*	*10/13/25 10:32*	*10/14/25 02:31*	*1*
Nitrobenzene-d5 (Surr)	*65*		*27 - 120*	*10/13/25 10:32*	*10/14/25 02:31*	*1*
Phenol-d5 (Surr)	*68*		*28 - 118*	*10/13/25 10:32*	*10/14/25 02:31*	*1*
Terphenyl-d14 (Surr)	*73*		*33 - 124*	*10/13/25 10:32*	*10/14/25 02:31*	*1*

Method: SW846 8081B - Organochlorine Pesticides (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
4,4'-DDD	0.0074	U	0.0074	0.0013	mg/Kg	☼	10/13/25 06:39	10/15/25 08:09	1
4,4'-DDE	0.0074	U	0.0074	0.00087	mg/Kg	☼	10/13/25 06:39	10/15/25 08:09	1
4,4'-DDT	0.0074	U	0.0074	0.0014	mg/Kg	☼	10/13/25 06:39	10/15/25 08:09	1
Aldrin	0.0074	U	0.0074	0.0011	mg/Kg	☼	10/13/25 06:39	10/15/25 08:09	1
alpha-BHC	0.0022	U	0.0022	0.00075	mg/Kg	☼	10/13/25 06:39	10/15/25 08:09	1
beta-BHC	0.0022	U	0.0022	0.00083	mg/Kg	☼	10/13/25 06:39	10/15/25 08:09	1
Chlordane (technical)	0.074	U	0.074	0.018	mg/Kg	☼	10/13/25 06:39	10/15/25 08:09	1
cis-Chlordane	0.0074	U	0.0074	0.0012	mg/Kg	☼	10/13/25 06:39	10/15/25 08:09	1
delta-BHC	0.0022	U	0.0022	0.00045	mg/Kg	☼	10/13/25 06:39	10/15/25 08:09	1
Dieldrin	0.0022	U	0.0022	0.00096	mg/Kg	☼	10/13/25 06:39	10/15/25 08:09	1
Endosulfan I	0.0074	U	0.0074	0.0011	mg/Kg	☼	10/13/25 06:39	10/15/25 08:09	1
Endosulfan II	0.0074	U	0.0074	0.0019	mg/Kg	☼	10/13/25 06:39	10/15/25 08:09	1
Endosulfan sulfate	0.0074	U	0.0074	0.00093	mg/Kg	☼	10/13/25 06:39	10/15/25 08:09	1
Endrin	0.0074	U	0.0074	0.0011	mg/Kg	☼	10/13/25 06:39	10/15/25 08:09	1
Endrin aldehyde	0.0074	U	0.0074	0.0017	mg/Kg	☼	10/13/25 06:39	10/15/25 08:09	1
Endrin ketone	0.0074	U	0.0074	0.0014	mg/Kg	☼	10/13/25 06:39	10/15/25 08:09	1
gamma-BHC (Lindane)	0.0022	U	0.0022	0.00069	mg/Kg	☼	10/13/25 06:39	10/15/25 08:09	1
Heptachlor	0.0074	U	0.0074	0.00087	mg/Kg	☼	10/13/25 06:39	10/15/25 08:09	1
Heptachlor epoxide	0.0074	U	0.0074	0.0011	mg/Kg	☼	10/13/25 06:39	10/15/25 08:09	1
Methoxychlor	0.0074	U	0.0074	0.0017	mg/Kg	☼	10/13/25 06:39	10/15/25 08:09	1

Client Sample ID: 51B_4-8
Date Collected: 10/10/25 09:10
Date Received: 10/10/25 17:30

Lab Sample ID: 460-337049-14
Matrix: Solid
Percent Solids: 90.1

Method: SW846 8081B - Organochlorine Pesticides (GC) (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Toxaphene	0.074	U	0.074	0.027	mg/Kg	☼	10/13/25 06:39	10/15/25 08:09	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
DCB Decachlorobiphenyl	*88*		*10 - 150*	*10/13/25 06:39*	*10/15/25 08:09*	*1*
DCB Decachlorobiphenyl	*89*		*10 - 150*	*10/13/25 06:39*	*10/15/25 08:09*	*1*
Tetrachloro-m-xylene	*111*		*14 - 150*	*10/13/25 06:39*	*10/15/25 08:09*	*1*
Tetrachloro-m-xylene	*119*		*14 - 150*	*10/13/25 06:39*	*10/15/25 08:09*	*1*

Method: SW846 8082A - Polychlorinated Biphenyls (PCBs) by Gas Chromatography

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Aroclor 1016	0.074	U	0.074	0.020	mg/Kg	☼	10/13/25 06:42	10/14/25 23:32	1
Aroclor 1221	0.074	U	0.074	0.020	mg/Kg	☼	10/13/25 06:42	10/14/25 23:32	1
Aroclor 1232	0.074	U	0.074	0.020	mg/Kg	☼	10/13/25 06:42	10/14/25 23:32	1
Aroclor 1242	0.074	U	0.074	0.020	mg/Kg	☼	10/13/25 06:42	10/14/25 23:32	1
Aroclor 1248	0.074	U	0.074	0.020	mg/Kg	☼	10/13/25 06:42	10/14/25 23:32	1
Aroclor 1254	0.074	U	0.074	0.020	mg/Kg	☼	10/13/25 06:42	10/14/25 23:32	1
Aroclor 1260	0.074	U	0.074	0.020	mg/Kg	☼	10/13/25 06:42	10/14/25 23:32	1
Aroclor-1262	0.074	U	0.074	0.020	mg/Kg	☼	10/13/25 06:42	10/14/25 23:32	1
Aroclor 1268	0.074	U	0.074	0.020	mg/Kg	☼	10/13/25 06:42	10/14/25 23:32	1
Polychlorinated biphenyls, Total	0.074	U	0.074	0.020	mg/Kg	☼	10/13/25 06:42	10/14/25 23:32	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
DCB Decachlorobiphenyl	*97*		*10 - 150*	*10/13/25 06:42*	*10/14/25 23:32*	*1*
DCB Decachlorobiphenyl	*99*		*10 - 150*	*10/13/25 06:42*	*10/14/25 23:32*	*1*
Tetrachloro-m-xylene	*124*		*10 - 150*	*10/13/25 06:42*	*10/14/25 23:32*	*1*
Tetrachloro-m-xylene	*132*		*10 - 150*	*10/13/25 06:42*	*10/14/25 23:32*	*1*

Method: EPA 1633A - Per- and Polyfluoroalkyl Substances by LC/MS/MS, 1633A

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Perfluorobutanoic acid (PFBA)	0.39	U	0.39	0.099	ug/Kg	☼	10/15/25 16:06	10/17/25 09:22	1
Perfluoropentanoic acid (PFPeA)	**0.46**		0.20	0.099	ug/Kg	☼	10/15/25 16:06	10/17/25 09:22	1
Perfluorohexanoic acid (PFHxA)	**0.19**	**J**	0.20	0.099	ug/Kg	☼	10/15/25 16:06	10/17/25 09:22	1
Perfluoroheptanoic acid (PFHpA)	**0.16**	**J**	0.20	0.099	ug/Kg	☼	10/15/25 16:06	10/17/25 09:22	1
Perfluorooctanoic acid (PFOA)	**0.30**		0.20	0.059	ug/Kg	☼	10/15/25 16:06	10/17/25 09:22	1
Perfluorononanoic acid (PFNA)	**1.39**		0.20	0.099	ug/Kg	☼	10/15/25 16:06	10/17/25 09:22	1
Perfluorodecanoic acid (PFDA)	**0.66**		0.20	0.059	ug/Kg	☼	10/15/25 16:06	10/17/25 09:22	1
Perfluoroundecanoic acid (PFUnA)	**5.35**		0.20	0.099	ug/Kg	☼	10/15/25 16:06	10/17/25 09:22	1
Perfluorododecanoic acid (PFDoA)	0.20	U	0.20	0.099	ug/Kg	☼	10/15/25 16:06	10/17/25 09:22	1
Perfluorotridecanoic acid (PFTrDA)	0.20	U	0.20	0.099	ug/Kg	☼	10/15/25 16:06	10/17/25 09:22	1
Perfluorotetradecanoic acid (PFTeDA)	0.20	U	0.20	0.099	ug/Kg	☼	10/15/25 16:06	10/17/25 09:22	1
Perfluorobutanesulfonic acid (PFBS)	0.20	U	0.20	0.099	ug/Kg	☼	10/15/25 16:06	10/17/25 09:22	1
Perfluoropentanesulfonic acid (PFPeS)	0.20	U	0.20	0.099	ug/Kg	☼	10/15/25 16:06	10/17/25 09:22	1
Perfluorohexanesulfonic acid (PFHxS)	0.20	U	0.20	0.099	ug/Kg	☼	10/15/25 16:06	10/17/25 09:22	1
Perfluoroheptanesulfonic acid (PFHpS)	0.20	U	0.20	0.099	ug/Kg	☼	10/15/25 16:06	10/17/25 09:22	1
Perfluorooctanesulfonic acid (PFOS)	**0.22**		0.20	0.099	ug/Kg	☼	10/15/25 16:06	10/17/25 09:22	1
Perfluorononanesulfonic acid (PFNS)	0.20	U	0.20	0.099	ug/Kg	☼	10/15/25 16:06	10/17/25 09:22	1
Perfluorodecanesulfonic acid (PFDS)	0.20	U	0.20	0.099	ug/Kg	☼	10/15/25 16:06	10/17/25 09:22	1

Client Sample ID: 51B_4-8
Date Collected: 10/10/25 09:10
Date Received: 10/10/25 17:30

Lab Sample ID: 460-337049-14
Matrix: Solid
Percent Solids: 90.1

Method: EPA 1633A - Per- and Polyfluoroalkyl Substances by LC/MS/MS, 1633A (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Perfluorododecanesulfonic acid (PFDoS)	0.20	U	0.20	0.099	ug/Kg	☼	10/15/25 16:06	10/17/25 09:22	1
1H,1H,2H,2H-Perfluorohexane sulfonic acid (4:2 FTS)	0.39	U	0.39	0.20	ug/Kg	☼	10/15/25 16:06	10/17/25 09:22	1
1H,1H,2H,2H-Perfluorooctane sulfonic acid (6:2 FTS)	0.39	U	0.39	0.20	ug/Kg	☼	10/15/25 16:06	10/17/25 09:22	1
1H,1H,2H,2H-Perfluorodecane sulfonic acid (8:2 FTS)	**0.27**	**J**	0.39	0.20	ug/Kg	☼	10/15/25 16:06	10/17/25 09:22	1
Perfluorooctanesulfonamide (PFOSA)	0.20	U	0.20	0.099	ug/Kg	☼	10/15/25 16:06	10/17/25 09:22	1
N-methylperfluorooctane sulfonamide (NMeFOSA)	0.20	U	0.20	0.099	ug/Kg	☼	10/15/25 16:06	10/17/25 09:22	1
N-ethylperfluorooctane sulfonamide (NEtFOSA)	0.20	U	0.20	0.099	ug/Kg	☼	10/15/25 16:06	10/17/25 09:22	1
N-methylperfluorooctanesulfonamidoacetic acid (NMeFOSAA)	0.20	U	0.20	0.099	ug/Kg	☼	10/15/25 16:06	10/17/25 09:22	1
N-ethylperfluorooctanesulfonamidoacetic acid (NEtFOSAA)	0.20	U	0.20	0.099	ug/Kg	☼	10/15/25 16:06	10/17/25 09:22	1
N-methylperfluorooctane sulfonamidoethanol (NMeFOSE)	0.99	U	0.99	0.49	ug/Kg	☼	10/15/25 16:06	10/17/25 09:22	1
N-ethylperfluorooctane sulfonamidoethanol (NEtFOSE)	0.99	U	0.99	0.49	ug/Kg	☼	10/15/25 16:06	10/17/25 09:22	1
Hexafluoropropylene Oxide Dimer Acid (HFPO-DA)	0.20	U	0.20	0.099	ug/Kg	☼	10/15/25 16:06	10/17/25 09:22	1
4,8-Dioxa-3H-perfluorononanoic acid (ADONA)	0.20	U	0.20	0.099	ug/Kg	☼	10/15/25 16:06	10/17/25 09:22	1
Perfluoro-3-methoxypropanoic acid (PFMPA)	0.20	U	0.20	0.099	ug/Kg	☼	10/15/25 16:06	10/17/25 09:22	1
Perfluoro-4-methoxybutanoic acid (PFMBA)	0.20	U	0.20	0.099	ug/Kg	☼	10/15/25 16:06	10/17/25 09:22	1
Nonafluoro-3,6-dioxaheptanoic acid (NFDHA)	0.20	U	0.20	0.099	ug/Kg	☼	10/15/25 16:06	10/17/25 09:22	1
9-Chlorohexadecafluoro-3-oxanonane-1-sulfonic acid (9Cl-PF3ONS)	0.20	U	0.20	0.099	ug/Kg	☼	10/15/25 16:06	10/17/25 09:22	1
11-Chloroeicosafluoro-3-oxaundecane-1-sulfonic acid (11Cl-PF3OUdS)	0.20	U	0.20	0.099	ug/Kg	☼	10/15/25 16:06	10/17/25 09:22	1
Perfluoro (2-ethoxyethane) sulfonic acid (PFEESA)	0.20	U	0.20	0.099	ug/Kg	☼	10/15/25 16:06	10/17/25 09:22	1
3-Perfluoropropylpropanoic acid (3:3 FTCA)	0.39	U	0.39	0.20	ug/Kg	☼	10/15/25 16:06	10/17/25 09:22	1
3-Perfluoropentylpropanoic acid (5:3 FTCA)	0.99	U	0.99	0.49	ug/Kg	☼	10/15/25 16:06	10/17/25 09:22	1
3-Perfluoroheptylpropanoic acid (7:3 FTCA)	0.99	U	0.99	0.49	ug/Kg	☼	10/15/25 16:06	10/17/25 09:22	1

Isotope Dilution	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
13C4 PFBA	*93.8*		*8 - 130*	*10/15/25 16:06*	*10/17/25 09:22*	*1*
13C5 PFPeA	*92.5*		*35 - 130*	*10/15/25 16:06*	*10/17/25 09:22*	*1*
13C5 PFHxA	*92.9*		*40 - 130*	*10/15/25 16:06*	*10/17/25 09:22*	*1*
13C4 PFHpA	*90.5*		*40 - 130*	*10/15/25 16:06*	*10/17/25 09:22*	*1*
13C8 PFOA	*91.5*		*40 - 130*	*10/15/25 16:06*	*10/17/25 09:22*	*1*
13C9 PFNA	*88.9*		*40 - 130*	*10/15/25 16:06*	*10/17/25 09:22*	*1*
13C6 PFDA	*88.8*		*40 - 130*	*10/15/25 16:06*	*10/17/25 09:22*	*1*
13C7 PFUnA	*92.8*		*40 - 130*	*10/15/25 16:06*	*10/17/25 09:22*	*1*
13C2 PFTeDA	*73.6*		*20 - 130*	*10/15/25 16:06*	*10/17/25 09:22*	*1*
13C3 PFBS	*91.8*		*40 - 135*	*10/15/25 16:06*	*10/17/25 09:22*	*1*

Client Sample ID: 51B_4-8
Date Collected: 10/10/25 09:10
Date Received: 10/10/25 17:30

Lab Sample ID: 460-337049-14
Matrix: Solid
Percent Solids: 90.1

Method: EPA 1633A - Per- and Polyfluoroalkyl Substances by LC/MS/MS, 1633A (Continued)

Isotope Dilution	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
13C3 PFHxS	89.2		40 - 130	10/15/25 16:06	10/17/25 09:22	1
13C8 PFOS	82.2		40 - 130	10/15/25 16:06	10/17/25 09:22	1
13C8 FOSA	79.3		40 - 130	10/15/25 16:06	10/17/25 09:22	1
d3-NMeFOSAA	93.8		40 - 135	10/15/25 16:06	10/17/25 09:22	1
d5-NEtFOSAA	99.2		40 - 150	10/15/25 16:06	10/17/25 09:22	1
13C2 4:2 FTS	232	*	40 - 165	10/15/25 16:06	10/17/25 09:22	1
13C2 6:2 FTS	241	*	40 - 215	10/15/25 16:06	10/17/25 09:22	1
13C2 8:2 FTS	190		40 - 275	10/15/25 16:06	10/17/25 09:22	1
13C3 HFPO-DA	84.4		40 - 130	10/15/25 16:06	10/17/25 09:22	1
d7-N-MeFOSE-M	56.9		20 - 130	10/15/25 16:06	10/17/25 09:22	1
d9-N-EtFOSE-M	47.4		15 - 130	10/15/25 16:06	10/17/25 09:22	1
d5-NEtPFOSA	61.4		10 - 130	10/15/25 16:06	10/17/25 09:22	1
d3-NMePFOSA	69.7		10 - 130	10/15/25 16:06	10/17/25 09:22	1
13C2 PFDoA	75.9		40 - 130	10/15/25 16:06	10/17/25 09:22	1

Method: SW846 6020B - Metals (ICP/MS)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Aluminum	4980		17.4	4.8	mg/Kg	☼	10/17/25 20:20	10/18/25 18:52	1
Antimony	1.6		0.87	0.13	mg/Kg	☼	10/17/25 20:20	10/18/25 18:52	1
Arsenic	5.1		0.87	0.089	mg/Kg	☼	10/17/25 20:20	10/18/25 18:52	1
Barium	34.3		1.7	0.13	mg/Kg	☼	10/17/25 20:20	10/18/25 18:52	1
Beryllium	0.52		0.35	0.019	mg/Kg	☼	10/17/25 20:20	10/18/25 18:52	1
Cadmium	0.60	J	0.87	0.098	mg/Kg	☼	10/17/25 20:20	10/18/25 18:52	1
Calcium	2420		86.8	8.4	mg/Kg	☼	10/17/25 20:20	10/18/25 18:52	1
Chromium	11.7		1.7	0.26	mg/Kg	☼	10/17/25 20:20	10/18/25 18:52	1
Cobalt	4.9		0.87	0.13	mg/Kg	☼	10/17/25 20:20	10/18/25 18:52	1
Copper	32.5		1.7	0.32	mg/Kg	☼	10/17/25 20:20	10/18/25 18:52	1
Iron	16300		52.1	6.6	mg/Kg	☼	10/17/25 20:20	10/18/25 18:52	1
Lead	75.0		0.52	0.17	mg/Kg	☼	10/17/25 20:20	10/18/25 18:52	1
Magnesium	1980		86.8	8.8	mg/Kg	☼	10/17/25 20:20	10/18/25 18:52	1
Manganese	126		3.5	0.35	mg/Kg	☼	10/17/25 20:20	10/18/25 18:52	1
Nickel	10.5		1.7	0.15	mg/Kg	☼	10/17/25 20:20	10/18/25 18:52	1
Potassium	1290		86.8	14.1	mg/Kg	☼	10/17/25 20:20	10/18/25 18:52	1
Selenium	0.39	J	1.1	0.11	mg/Kg	☼	10/17/25 20:20	10/18/25 18:52	1
Silver	0.18	J	0.35	0.077	mg/Kg	☼	10/17/25 20:20	10/18/25 18:52	1
Sodium	65.1	J	86.8	39.6	mg/Kg	☼	10/17/25 20:20	10/18/25 18:52	1
Thallium	0.056	J	0.35	0.036	mg/Kg	☼	10/17/25 20:20	10/18/25 18:52	1
Vanadium	20.8		1.7	0.18	mg/Kg	☼	10/17/25 20:20	10/18/25 18:52	1
Zinc	126		6.9	0.95	mg/Kg	☼	10/17/25 20:20	10/18/25 18:52	1

Method: SW846 7471B - Mercury (CVAA)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	0.021		0.018	0.0083	mg/Kg	☼	10/22/25 01:36	10/22/25 07:40	1

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Percent Moisture (EPA Moisture)	9.9		1.0	1.0	%			10/13/25 17:10	1
Percent Solids (EPA Moisture)	90.1		1.0	1.0	%			10/13/25 17:10	1

Client: Haley & Aldrich, Inc.
Project/Site: Former Port Mobil

Job ID: 460-337049-1

Client Sample ID: 51A1_3-4
Date Collected: 10/10/25 07:45
Date Received: 10/10/25 17:30

Lab Sample ID: 460-337049-15
Matrix: Solid
Percent Solids: 94.6

Method: SW846 8260D - Volatile Organic Compounds by GC/MS

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1-Trichloroethane	0.00089	U	0.00089	0.00021	mg/Kg	☼	10/14/25 09:43	10/14/25 22:33	1
1,1,2,2-Tetrachloroethane	0.00089	U	0.00089	0.00047	mg/Kg	☼	10/14/25 09:43	10/14/25 22:33	1
1,1,2-Trichloro-1,2,2-trifluoroethane	0.00089	U	0.00089	0.00027	mg/Kg	☼	10/14/25 09:43	10/14/25 22:33	1
1,1,2-Trichloroethane	0.00089	U	0.00089	0.00054	mg/Kg	☼	10/14/25 09:43	10/14/25 22:33	1
1,1-Dichloroethane	0.00089	U	0.00089	0.00053	mg/Kg	☼	10/14/25 09:43	10/14/25 22:33	1
1,1-Dichloroethene	0.00089	U	0.00089	0.00020	mg/Kg	☼	10/14/25 09:43	10/14/25 22:33	1
1,2,3-Trichlorobenzene	0.00089	U	0.00089	0.00066	mg/Kg	☼	10/14/25 09:43	10/14/25 22:33	1
1,2,4-Trichlorobenzene	0.00089	U	0.00089	0.00032	mg/Kg	☼	10/14/25 09:43	10/14/25 22:33	1
1,2,4-Trimethylbenzene	0.00089	U	0.00089	0.00022	mg/Kg	☼	10/14/25 09:43	10/14/25 22:33	1
1,2-Dibromo-3-Chloropropane	0.00089	U	0.00089	0.00041	mg/Kg	☼	10/14/25 09:43	10/14/25 22:33	1
1,2-Dichlorobenzene	0.00089	U	0.00089	0.00032	mg/Kg	☼	10/14/25 09:43	10/14/25 22:33	1
1,2-Dichloroethane	0.00089	U	0.00089	0.00026	mg/Kg	☼	10/14/25 09:43	10/14/25 22:33	1
1,2-Dichloropropane	0.00089	U	0.00089	0.00038	mg/Kg	☼	10/14/25 09:43	10/14/25 22:33	1
1,3,5-Trimethylbenzene	0.00089	U	0.00089	0.00028	mg/Kg	☼	10/14/25 09:43	10/14/25 22:33	1
1,3-Dichlorobenzene	0.00089	U	0.00089	0.00033	mg/Kg	☼	10/14/25 09:43	10/14/25 22:33	1
1,4-Dichlorobenzene	0.00089	U	0.00089	0.00046	mg/Kg	☼	10/14/25 09:43	10/14/25 22:33	1
2-Butanone (MEK)	0.0045	U	0.0045	0.00033	mg/Kg	☼	10/14/25 09:43	10/14/25 22:33	1
2-Hexanone	0.0045	U *	0.0045	0.0015	mg/Kg	☼	10/14/25 09:43	10/14/25 22:33	1
4-Methyl-2-pentanone (MIBK)	0.0045	U *	0.0045	0.0014	mg/Kg	☼	10/14/25 09:43	10/14/25 22:33	1
Acetone	0.0054	U	0.0054	0.0051	mg/Kg	☼	10/14/25 09:43	10/14/25 22:33	1
Benzene	0.00089	U	0.00089	0.00051	mg/Kg	☼	10/14/25 09:43	10/14/25 22:33	1
Bromoform	0.00089	U	0.00089	0.00038	mg/Kg	☼	10/14/25 09:43	10/14/25 22:33	1
Bromomethane	0.0018	U	0.0018	0.00089	mg/Kg	☼	10/14/25 09:43	10/14/25 22:33	1
Carbon disulfide	0.00089	U	0.00089	0.00024	mg/Kg	☼	10/14/25 09:43	10/14/25 22:33	1
Carbon tetrachloride	0.00089	U	0.00089	0.00035	mg/Kg	☼	10/14/25 09:43	10/14/25 22:33	1
Chlorobenzene	0.00089	U	0.00089	0.00045	mg/Kg	☼	10/14/25 09:43	10/14/25 22:33	1
Chlorobromomethane	0.00089	U	0.00089	0.00053	mg/Kg	☼	10/14/25 09:43	10/14/25 22:33	1
Chlorodibromomethane	0.00089	U	0.00089	0.00048	mg/Kg	☼	10/14/25 09:43	10/14/25 22:33	1
Chloroethane	0.00089	U	0.00089	0.00047	mg/Kg	☼	10/14/25 09:43	10/14/25 22:33	1
Chloroform	0.00089	U	0.00089	0.00087	mg/Kg	☼	10/14/25 09:43	10/14/25 22:33	1
Chloromethane	0.00089	U	0.00089	0.00039	mg/Kg	☼	10/14/25 09:43	10/14/25 22:33	1
cis-1,2-Dichloroethene	0.00089	U	0.00089	0.00032	mg/Kg	☼	10/14/25 09:43	10/14/25 22:33	1
cis-1,3-Dichloropropene	0.00089	U	0.00089	0.00024	mg/Kg	☼	10/14/25 09:43	10/14/25 22:33	1
Cyclohexane	0.00089	U	0.00089	0.00020	mg/Kg	☼	10/14/25 09:43	10/14/25 22:33	1
Dichlorobromomethane	0.00089	U	0.00089	0.00023	mg/Kg	☼	10/14/25 09:43	10/14/25 22:33	1
Dichlorodifluoromethane	0.00089	U	0.00089	0.00030	mg/Kg	☼	10/14/25 09:43	10/14/25 22:33	1
Ethylbenzene	0.00089	U	0.00089	0.00042	mg/Kg	☼	10/14/25 09:43	10/14/25 22:33	1
Ethylene Dibromide	0.00089	U	0.00089	0.00045	mg/Kg	☼	10/14/25 09:43	10/14/25 22:33	1
Isopropylbenzene	0.00089	U	0.00089	0.00025	mg/Kg	☼	10/14/25 09:43	10/14/25 22:33	1
Methyl acetate	0.0045	U	0.0045	0.0038	mg/Kg	☼	10/14/25 09:43	10/14/25 22:33	1
Methyl tert-butyl ether	0.00089	U	0.00089	0.00046	mg/Kg	☼	10/14/25 09:43	10/14/25 22:33	1
Methylcyclohexane	0.00089	U	0.00089	0.00044	mg/Kg	☼	10/14/25 09:43	10/14/25 22:33	1
Methylene Chloride	**0.0010**	**J**	0.0018	0.0010	mg/Kg	☼	10/14/25 09:43	10/14/25 22:33	1
m-Xylene & p-Xylene	0.00089	U	0.00089	0.00038	mg/Kg	☼	10/14/25 09:43	10/14/25 22:33	1
n-Butylbenzene	0.00089	U	0.00089	0.00026	mg/Kg	☼	10/14/25 09:43	10/14/25 22:33	1
N-Propylbenzene	0.00089	U	0.00089	0.00040	mg/Kg	☼	10/14/25 09:43	10/14/25 22:33	1
o-Xylene	0.00089	U	0.00089	0.00041	mg/Kg	☼	10/14/25 09:43	10/14/25 22:33	1
sec-Butylbenzene	0.00089	U	0.00089	0.00026	mg/Kg	☼	10/14/25 09:43	10/14/25 22:33	1
Styrene	0.00089	U	0.00089	0.00025	mg/Kg	☼	10/14/25 09:43	10/14/25 22:33	1

Client Sample ID: 51A1_3-4

Date Collected: 10/10/25 07:45
Date Received: 10/10/25 17:30

Lab Sample ID: 460-337049-15

Matrix: Solid
Percent Solids: 94.6

Method: SW846 8260D - Volatile Organic Compounds by GC/MS (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
tert-Butylbenzene	0.00089	U	0.00089	0.00025	mg/Kg	☼	10/14/25 09:43	10/14/25 22:33	1
Tetrachloroethene	0.00089	U	0.00089	0.00027	mg/Kg	☼	10/14/25 09:43	10/14/25 22:33	1
Toluene	**0.00035**	**J**	0.00089	0.00021	mg/Kg	☼	10/14/25 09:43	10/14/25 22:33	1
trans-1,2-Dichloroethene	0.00089	U	0.00089	0.00022	mg/Kg	☼	10/14/25 09:43	10/14/25 22:33	1
trans-1,3-Dichloropropene	0.00089	U	0.00089	0.00024	mg/Kg	☼	10/14/25 09:43	10/14/25 22:33	1
Trichloroethene	0.00089	U	0.00089	0.00029	mg/Kg	☼	10/14/25 09:43	10/14/25 22:33	1
Trichlorofluoromethane	0.00089	U	0.00089	0.00036	mg/Kg	☼	10/14/25 09:43	10/14/25 22:33	1
Vinyl chloride	0.00089	U	0.00089	0.00049	mg/Kg	☼	10/14/25 09:43	10/14/25 22:33	1
Xylenes, Total	0.0018	U	0.0018	0.00016	mg/Kg	☼	10/14/25 09:43	10/14/25 22:33	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,2-Dichloroethane-d4 (Surr)	*105*		*65 - 138*	*10/14/25 09:43*	*10/14/25 22:33*	*1*
4-Bromofluorobenzene	*103*		*71 - 128*	*10/14/25 09:43*	*10/14/25 22:33*	*1*
Dibromofluoromethane (Surr)	*117*		*50 - 150*	*10/14/25 09:43*	*10/14/25 22:33*	*1*
Toluene-d8 (Surr)	*93*		*71 - 126*	*10/14/25 09:43*	*10/14/25 22:33*	*1*

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Percent Moisture (EPA Moisture)	**5.4**		1.0	1.0	%			10/15/25 19:49	1
Percent Solids (EPA Moisture)	**94.6**		1.0	1.0	%			10/15/25 19:49	1

Client Sample ID: 51A2_1-2

Date Collected: 10/10/25 07:50
Date Received: 10/10/25 17:30

Lab Sample ID: 460-337049-16

Matrix: Solid
Percent Solids: 96.0

Method: SW846 8260D - Volatile Organic Compounds by GC/MS

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1-Trichloroethane	0.0012	U	0.0012	0.00028	mg/Kg	☼	10/14/25 09:43	10/14/25 22:56	1
1,1,2,2-Tetrachloroethane	0.0012	U	0.0012	0.00062	mg/Kg	☼	10/14/25 09:43	10/14/25 22:56	1
1,1,2-Trichloro-1,2,2-trifluoroethane	0.0012	U	0.0012	0.00036	mg/Kg	☼	10/14/25 09:43	10/14/25 22:56	1
1,1,2-Trichloroethane	0.0012	U	0.0012	0.00071	mg/Kg	☼	10/14/25 09:43	10/14/25 22:56	1
1,1-Dichloroethane	0.0012	U	0.0012	0.00070	mg/Kg	☼	10/14/25 09:43	10/14/25 22:56	1
1,1-Dichloroethene	0.0012	U	0.0012	0.00027	mg/Kg	☼	10/14/25 09:43	10/14/25 22:56	1
1,2,3-Trichlorobenzene	0.0012	U	0.0012	0.00087	mg/Kg	☼	10/14/25 09:43	10/14/25 22:56	1
1,2,4-Trichlorobenzene	0.0012	U	0.0012	0.00042	mg/Kg	☼	10/14/25 09:43	10/14/25 22:56	1
1,2,4-Trimethylbenzene	0.0012	U	0.0012	0.00029	mg/Kg	☼	10/14/25 09:43	10/14/25 22:56	1
1,2-Dibromo-3-Chloropropane	0.0012	U	0.0012	0.00054	mg/Kg	☼	10/14/25 09:43	10/14/25 22:56	1
1,2-Dichlorobenzene	0.0012	U	0.0012	0.00043	mg/Kg	☼	10/14/25 09:43	10/14/25 22:56	1
1,2-Dichloroethane	0.0012	U	0.0012	0.00035	mg/Kg	☼	10/14/25 09:43	10/14/25 22:56	1
1,2-Dichloropropane	0.0012	U	0.0012	0.00050	mg/Kg	☼	10/14/25 09:43	10/14/25 22:56	1
1,3,5-Trimethylbenzene	0.0012	U	0.0012	0.00037	mg/Kg	☼	10/14/25 09:43	10/14/25 22:56	1
1,3-Dichlorobenzene	0.0012	U	0.0012	0.00043	mg/Kg	☼	10/14/25 09:43	10/14/25 22:56	1
1,4-Dichlorobenzene	0.0012	U	0.0012	0.00061	mg/Kg	☼	10/14/25 09:43	10/14/25 22:56	1
2-Butanone (MEK)	0.0059	U	0.0059	0.00043	mg/Kg	☼	10/14/25 09:43	10/14/25 22:56	1
2-Hexanone	0.0059	U *	0.0059	0.0020	mg/Kg	☼	10/14/25 09:43	10/14/25 22:56	1
4-Methyl-2-pentanone (MIBK)	0.0059	U *	0.0059	0.0018	mg/Kg	☼	10/14/25 09:43	10/14/25 22:56	1
Acetone	0.0071	U	0.0071	0.0068	mg/Kg	☼	10/14/25 09:43	10/14/25 22:56	1
Benzene	0.0012	U	0.0012	0.00067	mg/Kg	☼	10/14/25 09:43	10/14/25 22:56	1
Bromoform	0.0012	U	0.0012	0.00050	mg/Kg	☼	10/14/25 09:43	10/14/25 22:56	1
Bromomethane	0.0024	U	0.0024	0.0012	mg/Kg	☼	10/14/25 09:43	10/14/25 22:56	1

Client Sample ID: 51A2_1-2
Date Collected: 10/10/25 07:50
Date Received: 10/10/25 17:30

Lab Sample ID: 460-337049-16
Matrix: Solid
Percent Solids: 96.0

Method: SW846 8260D - Volatile Organic Compounds by GC/MS (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Carbon disulfide	0.0012	U	0.0012	0.00031	mg/Kg	☼	10/14/25 09:43	10/14/25 22:56	1
Carbon tetrachloride	0.0012	U	0.0012	0.00046	mg/Kg	☼	10/14/25 09:43	10/14/25 22:56	1
Chlorobenzene	0.0012	U	0.0012	0.00060	mg/Kg	☼	10/14/25 09:43	10/14/25 22:56	1
Chlorobromomethane	0.0012	U	0.0012	0.00070	mg/Kg	☼	10/14/25 09:43	10/14/25 22:56	1
Chlorodibromomethane	0.0012	U	0.0012	0.00063	mg/Kg	☼	10/14/25 09:43	10/14/25 22:56	1
Chloroethane	0.0012	U	0.0012	0.00062	mg/Kg	☼	10/14/25 09:43	10/14/25 22:56	1
Chloroform	0.0012	U	0.0012	0.0011	mg/Kg	☼	10/14/25 09:43	10/14/25 22:56	1
Chloromethane	0.0012	U	0.0012	0.00051	mg/Kg	☼	10/14/25 09:43	10/14/25 22:56	1
cis-1,2-Dichloroethene	0.0012	U	0.0012	0.00042	mg/Kg	☼	10/14/25 09:43	10/14/25 22:56	1
cis-1,3-Dichloropropene	0.0012	U	0.0012	0.00032	mg/Kg	☼	10/14/25 09:43	10/14/25 22:56	1
Cyclohexane	0.0012	U	0.0012	0.00026	mg/Kg	☼	10/14/25 09:43	10/14/25 22:56	1
Dichlorobromomethane	0.0012	U	0.0012	0.00030	mg/Kg	☼	10/14/25 09:43	10/14/25 22:56	1
Dichlorodifluoromethane	0.0012	U	0.0012	0.00040	mg/Kg	☼	10/14/25 09:43	10/14/25 22:56	1
Ethylbenzene	0.0012	U	0.0012	0.00055	mg/Kg	☼	10/14/25 09:43	10/14/25 22:56	1
Ethylene Dibromide	0.0012	U	0.0012	0.00060	mg/Kg	☼	10/14/25 09:43	10/14/25 22:56	1
Isopropylbenzene	0.0012	U	0.0012	0.00034	mg/Kg	☼	10/14/25 09:43	10/14/25 22:56	1
Methyl acetate	0.0059	U	0.0059	0.0051	mg/Kg	☼	10/14/25 09:43	10/14/25 22:56	1
Methyl tert-butyl ether	0.0012	U	0.0012	0.00060	mg/Kg	☼	10/14/25 09:43	10/14/25 22:56	1
Methylcyclohexane	0.0012	U	0.0012	0.00059	mg/Kg	☼	10/14/25 09:43	10/14/25 22:56	1
Methylene Chloride	**0.0016**	**J**	0.0024	0.0014	mg/Kg	☼	10/14/25 09:43	10/14/25 22:56	1
m-Xylene & p-Xylene	0.0012	U	0.0012	0.00050	mg/Kg	☼	10/14/25 09:43	10/14/25 22:56	1
n-Butylbenzene	0.0012	U	0.0012	0.00035	mg/Kg	☼	10/14/25 09:43	10/14/25 22:56	1
N-Propylbenzene	0.0012	U	0.0012	0.00053	mg/Kg	☼	10/14/25 09:43	10/14/25 22:56	1
o-Xylene	0.0012	U	0.0012	0.00054	mg/Kg	☼	10/14/25 09:43	10/14/25 22:56	1
sec-Butylbenzene	0.0012	U	0.0012	0.00034	mg/Kg	☼	10/14/25 09:43	10/14/25 22:56	1
Styrene	0.0012	U	0.0012	0.00033	mg/Kg	☼	10/14/25 09:43	10/14/25 22:56	1
tert-Butylbenzene	0.0012	U	0.0012	0.00033	mg/Kg	☼	10/14/25 09:43	10/14/25 22:56	1
Tetrachloroethene	0.0012	U	0.0012	0.00036	mg/Kg	☼	10/14/25 09:43	10/14/25 22:56	1
Toluene	0.0012	U	0.0012	0.00028	mg/Kg	☼	10/14/25 09:43	10/14/25 22:56	1
trans-1,2-Dichloroethene	0.0012	U	0.0012	0.00029	mg/Kg	☼	10/14/25 09:43	10/14/25 22:56	1
trans-1,3-Dichloropropene	0.0012	U	0.0012	0.00031	mg/Kg	☼	10/14/25 09:43	10/14/25 22:56	1
Trichloroethene	0.0012	U	0.0012	0.00038	mg/Kg	☼	10/14/25 09:43	10/14/25 22:56	1
Trichlorofluoromethane	0.0012	U	0.0012	0.00048	mg/Kg	☼	10/14/25 09:43	10/14/25 22:56	1
Vinyl chloride	0.0012	U	0.0012	0.00064	mg/Kg	☼	10/14/25 09:43	10/14/25 22:56	1
Xylenes, Total	0.0024	U	0.0024	0.00021	mg/Kg	☼	10/14/25 09:43	10/14/25 22:56	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,2-Dichloroethane-d4 (Surr)	*109*		*65 - 138*	*10/14/25 09:43*	*10/14/25 22:56*	*1*
4-Bromofluorobenzene	*108*		*71 - 128*	*10/14/25 09:43*	*10/14/25 22:56*	*1*
Dibromofluoromethane (Surr)	*119*		*50 - 150*	*10/14/25 09:43*	*10/14/25 22:56*	*1*
Toluene-d8 (Surr)	*94*		*71 - 126*	*10/14/25 09:43*	*10/14/25 22:56*	*1*

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Percent Moisture (EPA Moisture)	**4.0**		1.0	1.0	%			10/15/25 19:49	1
Percent Solids (EPA Moisture)	**96.0**		1.0	1.0	%			10/15/25 19:49	1

Client Sample ID: 51A3_2-3
Date Collected: 10/10/25 07:55
Date Received: 10/10/25 17:30

Lab Sample ID: 460-337049-17
Matrix: Solid
Percent Solids: 97.9

Method: SW846 8260D - Volatile Organic Compounds by GC/MS

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1-Trichloroethane	0.00089	U	0.00089	0.00021	mg/Kg	☼	10/14/25 09:43	10/14/25 23:19	1
1,1,2,2-Tetrachloroethane	0.00089	U	0.00089	0.00047	mg/Kg	☼	10/14/25 09:43	10/14/25 23:19	1
1,1,2-Trichloro-1,2,2-trifluoroethane	0.00089	U	0.00089	0.00027	mg/Kg	☼	10/14/25 09:43	10/14/25 23:19	1
1,1,2-Trichloroethane	0.00089	U	0.00089	0.00054	mg/Kg	☼	10/14/25 09:43	10/14/25 23:19	1
1,1-Dichloroethane	0.00089	U	0.00089	0.00053	mg/Kg	☼	10/14/25 09:43	10/14/25 23:19	1
1,1-Dichloroethene	0.00089	U	0.00089	0.00020	mg/Kg	☼	10/14/25 09:43	10/14/25 23:19	1
1,2,3-Trichlorobenzene	0.00089	U	0.00089	0.00066	mg/Kg	☼	10/14/25 09:43	10/14/25 23:19	1
1,2,4-Trichlorobenzene	0.00089	U	0.00089	0.00032	mg/Kg	☼	10/14/25 09:43	10/14/25 23:19	1
1,2,4-Trimethylbenzene	0.00089	U	0.00089	0.00022	mg/Kg	☼	10/14/25 09:43	10/14/25 23:19	1
1,2-Dibromo-3-Chloropropane	0.00089	U	0.00089	0.00041	mg/Kg	☼	10/14/25 09:43	10/14/25 23:19	1
1,2-Dichlorobenzene	0.00089	U	0.00089	0.00032	mg/Kg	☼	10/14/25 09:43	10/14/25 23:19	1
1,2-Dichloroethane	0.00089	U	0.00089	0.00026	mg/Kg	☼	10/14/25 09:43	10/14/25 23:19	1
1,2-Dichloropropane	0.00089	U	0.00089	0.00038	mg/Kg	☼	10/14/25 09:43	10/14/25 23:19	1
1,3,5-Trimethylbenzene	0.00089	U	0.00089	0.00028	mg/Kg	☼	10/14/25 09:43	10/14/25 23:19	1
1,3-Dichlorobenzene	0.00089	U	0.00089	0.00033	mg/Kg	☼	10/14/25 09:43	10/14/25 23:19	1
1,4-Dichlorobenzene	0.00089	U	0.00089	0.00046	mg/Kg	☼	10/14/25 09:43	10/14/25 23:19	1
2-Butanone (MEK)	0.0045	U	0.0045	0.00033	mg/Kg	☼	10/14/25 09:43	10/14/25 23:19	1
2-Hexanone	0.0045	U *	0.0045	0.0015	mg/Kg	☼	10/14/25 09:43	10/14/25 23:19	1
4-Methyl-2-pentanone (MIBK)	0.0045	U *	0.0045	0.0014	mg/Kg	☼	10/14/25 09:43	10/14/25 23:19	1
Acetone	0.0054	U	0.0054	0.0051	mg/Kg	☼	10/14/25 09:43	10/14/25 23:19	1
Benzene	0.00089	U	0.00089	0.00051	mg/Kg	☼	10/14/25 09:43	10/14/25 23:19	1
Bromoform	0.00089	U	0.00089	0.00038	mg/Kg	☼	10/14/25 09:43	10/14/25 23:19	1
Bromomethane	0.0018	U	0.0018	0.00089	mg/Kg	☼	10/14/25 09:43	10/14/25 23:19	1
Carbon disulfide	0.00089	U	0.00089	0.00024	mg/Kg	☼	10/14/25 09:43	10/14/25 23:19	1
Carbon tetrachloride	0.00089	U	0.00089	0.00035	mg/Kg	☼	10/14/25 09:43	10/14/25 23:19	1
Chlorobenzene	0.00089	U	0.00089	0.00045	mg/Kg	☼	10/14/25 09:43	10/14/25 23:19	1
Chlorobromomethane	0.00089	U	0.00089	0.00053	mg/Kg	☼	10/14/25 09:43	10/14/25 23:19	1
Chlorodibromomethane	0.00089	U	0.00089	0.00048	mg/Kg	☼	10/14/25 09:43	10/14/25 23:19	1
Chloroethane	0.00089	U	0.00089	0.00047	mg/Kg	☼	10/14/25 09:43	10/14/25 23:19	1
Chloroform	0.00089	U	0.00089	0.00087	mg/Kg	☼	10/14/25 09:43	10/14/25 23:19	1
Chloromethane	0.00089	U	0.00089	0.00039	mg/Kg	☼	10/14/25 09:43	10/14/25 23:19	1
cis-1,2-Dichloroethene	0.00089	U	0.00089	0.00032	mg/Kg	☼	10/14/25 09:43	10/14/25 23:19	1
cis-1,3-Dichloropropene	0.00089	U	0.00089	0.00024	mg/Kg	☼	10/14/25 09:43	10/14/25 23:19	1
Cyclohexane	0.00089	U	0.00089	0.00020	mg/Kg	☼	10/14/25 09:43	10/14/25 23:19	1
Dichlorobromomethane	0.00089	U	0.00089	0.00023	mg/Kg	☼	10/14/25 09:43	10/14/25 23:19	1
Dichlorodifluoromethane	0.00089	U	0.00089	0.00030	mg/Kg	☼	10/14/25 09:43	10/14/25 23:19	1
Ethylbenzene	0.00089	U	0.00089	0.00042	mg/Kg	☼	10/14/25 09:43	10/14/25 23:19	1
Ethylene Dibromide	0.00089	U	0.00089	0.00045	mg/Kg	☼	10/14/25 09:43	10/14/25 23:19	1
Isopropylbenzene	0.00089	U	0.00089	0.00025	mg/Kg	☼	10/14/25 09:43	10/14/25 23:19	1
Methyl acetate	0.0045	U	0.0045	0.0038	mg/Kg	☼	10/14/25 09:43	10/14/25 23:19	1
Methyl tert-butyl ether	0.00089	U	0.00089	0.00046	mg/Kg	☼	10/14/25 09:43	10/14/25 23:19	1
Methylcyclohexane	0.00089	U	0.00089	0.00045	mg/Kg	☼	10/14/25 09:43	10/14/25 23:19	1
Methylene Chloride	**0.0010**	**J**	0.0018	0.0010	mg/Kg	☼	10/14/25 09:43	10/14/25 23:19	1
m-Xylene & p-Xylene	0.00089	U	0.00089	0.00038	mg/Kg	☼	10/14/25 09:43	10/14/25 23:19	1
n-Butylbenzene	0.00089	U	0.00089	0.00026	mg/Kg	☼	10/14/25 09:43	10/14/25 23:19	1
N-Propylbenzene	0.00089	U	0.00089	0.00040	mg/Kg	☼	10/14/25 09:43	10/14/25 23:19	1
o-Xylene	0.00089	U	0.00089	0.00041	mg/Kg	☼	10/14/25 09:43	10/14/25 23:19	1
sec-Butylbenzene	0.00089	U	0.00089	0.00026	mg/Kg	☼	10/14/25 09:43	10/14/25 23:19	1
Styrene	0.00089	U	0.00089	0.00025	mg/Kg	☼	10/14/25 09:43	10/14/25 23:19	1

Client Sample ID: 51A3_2-3

Date Collected: 10/10/25 07:55
Date Received: 10/10/25 17:30

Lab Sample ID: 460-337049-17

Matrix: Solid
Percent Solids: 97.9

Method: SW846 8260D - Volatile Organic Compounds by GC/MS (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
tert-Butylbenzene	0.00089	U	0.00089	0.00025	mg/Kg	☼	10/14/25 09:43	10/14/25 23:19	1
Tetrachloroethene	0.00089	U	0.00089	0.00027	mg/Kg	☼	10/14/25 09:43	10/14/25 23:19	1
Toluene	**0.00055**	**J**	0.00089	0.00021	mg/Kg	☼	10/14/25 09:43	10/14/25 23:19	1
trans-1,2-Dichloroethene	0.00089	U	0.00089	0.00022	mg/Kg	☼	10/14/25 09:43	10/14/25 23:19	1
trans-1,3-Dichloropropene	0.00089	U	0.00089	0.00024	mg/Kg	☼	10/14/25 09:43	10/14/25 23:19	1
Trichloroethene	0.00089	U	0.00089	0.00029	mg/Kg	☼	10/14/25 09:43	10/14/25 23:19	1
Trichlorofluoromethane	0.00089	U	0.00089	0.00036	mg/Kg	☼	10/14/25 09:43	10/14/25 23:19	1
Vinyl chloride	0.00089	U	0.00089	0.00049	mg/Kg	☼	10/14/25 09:43	10/14/25 23:19	1
Xylenes, Total	0.0018	U	0.0018	0.00016	mg/Kg	☼	10/14/25 09:43	10/14/25 23:19	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,2-Dichloroethane-d4 (Surr)	*105*		*65 - 138*	*10/14/25 09:43*	*10/14/25 23:19*	*1*
4-Bromofluorobenzene	*103*		*71 - 128*	*10/14/25 09:43*	*10/14/25 23:19*	*1*
Dibromofluoromethane (Surr)	*117*		*50 - 150*	*10/14/25 09:43*	*10/14/25 23:19*	*1*
Toluene-d8 (Surr)	*92*		*71 - 126*	*10/14/25 09:43*	*10/14/25 23:19*	*1*

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Percent Moisture (EPA Moisture)	**2.1**		1.0	1.0	%			10/15/25 19:49	1
Percent Solids (EPA Moisture)	**97.9**		1.0	1.0	%			10/15/25 19:49	1

Client Sample ID: 51A4_4-5

Date Collected: 10/10/25 08:00
Date Received: 10/10/25 17:30

Lab Sample ID: 460-337049-18

Matrix: Solid
Percent Solids: 97.9

Method: SW846 8260D - Volatile Organic Compounds by GC/MS

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1-Trichloroethane	0.0010	U	0.0010	0.00024	mg/Kg	☼	10/14/25 09:43	10/14/25 23:42	1
1,1,2,2-Tetrachloroethane	0.0010	U	0.0010	0.00054	mg/Kg	☼	10/14/25 09:43	10/14/25 23:42	1
1,1,2-Trichloro-1,2,2-trifluoroethane	0.0010	U	0.0010	0.00031	mg/Kg	☼	10/14/25 09:43	10/14/25 23:42	1
1,1,2-Trichloroethane	0.0010	U	0.0010	0.00062	mg/Kg	☼	10/14/25 09:43	10/14/25 23:42	1
1,1-Dichloroethane	0.0010	U	0.0010	0.00062	mg/Kg	☼	10/14/25 09:43	10/14/25 23:42	1
1,1-Dichloroethene	0.0010	U	0.0010	0.00023	mg/Kg	☼	10/14/25 09:43	10/14/25 23:42	1
1,2,3-Trichlorobenzene	0.0010	U	0.0010	0.00077	mg/Kg	☼	10/14/25 09:43	10/14/25 23:42	1
1,2,4-Trichlorobenzene	0.0010	U	0.0010	0.00037	mg/Kg	☼	10/14/25 09:43	10/14/25 23:42	1
1,2,4-Trimethylbenzene	0.0010	U	0.0010	0.00026	mg/Kg	☼	10/14/25 09:43	10/14/25 23:42	1
1,2-Dibromo-3-Chloropropane	0.0010	U	0.0010	0.00048	mg/Kg	☼	10/14/25 09:43	10/14/25 23:42	1
1,2-Dichlorobenzene	0.0010	U	0.0010	0.00037	mg/Kg	☼	10/14/25 09:43	10/14/25 23:42	1
1,2-Dichloroethane	0.0010	U	0.0010	0.00031	mg/Kg	☼	10/14/25 09:43	10/14/25 23:42	1
1,2-Dichloropropane	0.0010	U	0.0010	0.00044	mg/Kg	☼	10/14/25 09:43	10/14/25 23:42	1
1,3,5-Trimethylbenzene	0.0010	U	0.0010	0.00033	mg/Kg	☼	10/14/25 09:43	10/14/25 23:42	1
1,3-Dichlorobenzene	0.0010	U	0.0010	0.00038	mg/Kg	☼	10/14/25 09:43	10/14/25 23:42	1
1,4-Dichlorobenzene	0.0010	U	0.0010	0.00054	mg/Kg	☼	10/14/25 09:43	10/14/25 23:42	1
2-Butanone (MEK)	0.0052	U	0.0052	0.00038	mg/Kg	☼	10/14/25 09:43	10/14/25 23:42	1
2-Hexanone	0.0052	U *	0.0052	0.0018	mg/Kg	☼	10/14/25 09:43	10/14/25 23:42	1
4-Methyl-2-pentanone (MIBK)	0.0052	U *	0.0052	0.0016	mg/Kg	☼	10/14/25 09:43	10/14/25 23:42	1
Acetone	0.0062	U	0.0062	0.0059	mg/Kg	☼	10/14/25 09:43	10/14/25 23:42	1
Benzene	0.0010	U	0.0010	0.00059	mg/Kg	☼	10/14/25 09:43	10/14/25 23:42	1
Bromoform	0.0010	U	0.0010	0.00044	mg/Kg	☼	10/14/25 09:43	10/14/25 23:42	1
Bromomethane	0.0021	U	0.0021	0.0010	mg/Kg	☼	10/14/25 09:43	10/14/25 23:42	1

Client Sample ID: 51A4_4-5
Date Collected: 10/10/25 08:00
Date Received: 10/10/25 17:30

Lab Sample ID: 460-337049-18
Matrix: Solid
Percent Solids: 97.9

Method: SW846 8260D - Volatile Organic Compounds by GC/MS (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Carbon disulfide	0.0010	U	0.0010	0.00028	mg/Kg	☼	10/14/25 09:43	10/14/25 23:42	1
Carbon tetrachloride	0.0010	U	0.0010	0.00040	mg/Kg	☼	10/14/25 09:43	10/14/25 23:42	1
Chlorobenzene	0.0010	U	0.0010	0.00053	mg/Kg	☼	10/14/25 09:43	10/14/25 23:42	1
Chlorobromomethane	0.0010	U	0.0010	0.00062	mg/Kg	☼	10/14/25 09:43	10/14/25 23:42	1
Chlorodibromomethane	0.0010	U	0.0010	0.00056	mg/Kg	☼	10/14/25 09:43	10/14/25 23:42	1
Chloroethane	0.0010	U	0.0010	0.00054	mg/Kg	☼	10/14/25 09:43	10/14/25 23:42	1
Chloroform	0.0010	U	0.0010	0.0010	mg/Kg	☼	10/14/25 09:43	10/14/25 23:42	1
Chloromethane	0.0010	U	0.0010	0.00045	mg/Kg	☼	10/14/25 09:43	10/14/25 23:42	1
cis-1,2-Dichloroethene	0.0010	U	0.0010	0.00037	mg/Kg	☼	10/14/25 09:43	10/14/25 23:42	1
cis-1,3-Dichloropropene	0.0010	U	0.0010	0.00028	mg/Kg	☼	10/14/25 09:43	10/14/25 23:42	1
Cyclohexane	0.0010	U	0.0010	0.00023	mg/Kg	☼	10/14/25 09:43	10/14/25 23:42	1
Dichlorobromomethane	0.0010	U	0.0010	0.00027	mg/Kg	☼	10/14/25 09:43	10/14/25 23:42	1
Dichlorodifluoromethane	0.0010	U	0.0010	0.00035	mg/Kg	☼	10/14/25 09:43	10/14/25 23:42	1
Ethylbenzene	0.0010	U	0.0010	0.00049	mg/Kg	☼	10/14/25 09:43	10/14/25 23:42	1
Ethylene Dibromide	0.0010	U	0.0010	0.00052	mg/Kg	☼	10/14/25 09:43	10/14/25 23:42	1
Isopropylbenzene	0.0010	U	0.0010	0.00030	mg/Kg	☼	10/14/25 09:43	10/14/25 23:42	1
Methyl acetate	0.0052	U	0.0052	0.0045	mg/Kg	☼	10/14/25 09:43	10/14/25 23:42	1
Methyl tert-butyl ether	0.0010	U	0.0010	0.00053	mg/Kg	☼	10/14/25 09:43	10/14/25 23:42	1
Methylcyclohexane	0.0010	U	0.0010	0.00052	mg/Kg	☼	10/14/25 09:43	10/14/25 23:42	1
Methylene Chloride	**0.0022**		0.0021	0.0012	mg/Kg	☼	10/14/25 09:43	10/14/25 23:42	1
m-Xylene & p-Xylene	0.0010	U	0.0010	0.00044	mg/Kg	☼	10/14/25 09:43	10/14/25 23:42	1
n-Butylbenzene	0.0010	U	0.0010	0.00030	mg/Kg	☼	10/14/25 09:43	10/14/25 23:42	1
N-Propylbenzene	0.0010	U	0.0010	0.00047	mg/Kg	☼	10/14/25 09:43	10/14/25 23:42	1
o-Xylene	0.0010	U	0.0010	0.00048	mg/Kg	☼	10/14/25 09:43	10/14/25 23:42	1
sec-Butylbenzene	0.0010	U	0.0010	0.00030	mg/Kg	☼	10/14/25 09:43	10/14/25 23:42	1
Styrene	0.0010	U	0.0010	0.00029	mg/Kg	☼	10/14/25 09:43	10/14/25 23:42	1
tert-Butylbenzene	0.0010	U	0.0010	0.00029	mg/Kg	☼	10/14/25 09:43	10/14/25 23:42	1
Tetrachloroethene	0.0010	U	0.0010	0.00032	mg/Kg	☼	10/14/25 09:43	10/14/25 23:42	1
Toluene	**0.00060**	**J**	0.0010	0.00024	mg/Kg	☼	10/14/25 09:43	10/14/25 23:42	1
trans-1,2-Dichloroethene	0.0010	U	0.0010	0.00026	mg/Kg	☼	10/14/25 09:43	10/14/25 23:42	1
trans-1,3-Dichloropropene	0.0010	U	0.0010	0.00028	mg/Kg	☼	10/14/25 09:43	10/14/25 23:42	1
Trichloroethene	0.0010	U	0.0010	0.00033	mg/Kg	☼	10/14/25 09:43	10/14/25 23:42	1
Trichlorofluoromethane	0.0010	U	0.0010	0.00042	mg/Kg	☼	10/14/25 09:43	10/14/25 23:42	1
Vinyl chloride	0.0010	U	0.0010	0.00057	mg/Kg	☼	10/14/25 09:43	10/14/25 23:42	1
Xylenes, Total	0.0021	U	0.0021	0.00018	mg/Kg	☼	10/14/25 09:43	10/14/25 23:42	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,2-Dichloroethane-d4 (Surr)	*103*		*65 - 138*	*10/14/25 09:43*	*10/14/25 23:42*	*1*
4-Bromofluorobenzene	*103*		*71 - 128*	*10/14/25 09:43*	*10/14/25 23:42*	*1*
Dibromofluoromethane (Surr)	*113*		*50 - 150*	*10/14/25 09:43*	*10/14/25 23:42*	*1*
Toluene-d8 (Surr)	*93*		*71 - 126*	*10/14/25 09:43*	*10/14/25 23:42*	*1*

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Percent Moisture (EPA Moisture)	**2.1**		1.0	1.0	%			10/15/25 19:49	1
Percent Solids (EPA Moisture)	**97.9**		1.0	1.0	%			10/15/25 19:49	1

Client: Haley & Aldrich, Inc.
Project/Site: Former Port Mobil

Job ID: 460-337049-1

Client Sample ID: 51A5_5-6
Date Collected: 10/10/25 08:05
Date Received: 10/10/25 17:30

Lab Sample ID: 460-337049-19
Matrix: Solid
Percent Solids: 98.7

Method: SW846 8260D - Volatile Organic Compounds by GC/MS

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1-Trichloroethane	0.00082	U	0.00082	0.00019	mg/Kg	☼	10/14/25 09:44	10/15/25 00:05	1
1,1,2,2-Tetrachloroethane	0.00082	U	0.00082	0.00043	mg/Kg	☼	10/14/25 09:44	10/15/25 00:05	1
1,1,2-Trichloro-1,2,2-trifluoroethane	0.00082	U	0.00082	0.00025	mg/Kg	☼	10/14/25 09:44	10/15/25 00:05	1
1,1,2-Trichloroethane	0.00082	U	0.00082	0.00050	mg/Kg	☼	10/14/25 09:44	10/15/25 00:05	1
1,1-Dichloroethane	0.00082	U	0.00082	0.00049	mg/Kg	☼	10/14/25 09:44	10/15/25 00:05	1
1,1-Dichloroethene	0.00082	U	0.00082	0.00019	mg/Kg	☼	10/14/25 09:44	10/15/25 00:05	1
1,2,3-Trichlorobenzene	0.00082	U	0.00082	0.00061	mg/Kg	☼	10/14/25 09:44	10/15/25 00:05	1
1,2,4-Trichlorobenzene	0.00082	U	0.00082	0.00029	mg/Kg	☼	10/14/25 09:44	10/15/25 00:05	1
1,2,4-Trimethylbenzene	0.00082	U	0.00082	0.00020	mg/Kg	☼	10/14/25 09:44	10/15/25 00:05	1
1,2-Dibromo-3-Chloropropane	0.00082	U	0.00082	0.00038	mg/Kg	☼	10/14/25 09:44	10/15/25 00:05	1
1,2-Dichlorobenzene	0.00082	U	0.00082	0.00030	mg/Kg	☼	10/14/25 09:44	10/15/25 00:05	1
1,2-Dichloroethane	0.00082	U	0.00082	0.00024	mg/Kg	☼	10/14/25 09:44	10/15/25 00:05	1
1,2-Dichloropropane	0.00082	U	0.00082	0.00035	mg/Kg	☼	10/14/25 09:44	10/15/25 00:05	1
1,3,5-Trimethylbenzene	0.00082	U	0.00082	0.00026	mg/Kg	☼	10/14/25 09:44	10/15/25 00:05	1
1,3-Dichlorobenzene	0.00082	U	0.00082	0.00030	mg/Kg	☼	10/14/25 09:44	10/15/25 00:05	1
1,4-Dichlorobenzene	0.00082	U	0.00082	0.00043	mg/Kg	☼	10/14/25 09:44	10/15/25 00:05	1
2-Butanone (MEK)	0.0041	U	0.0041	0.00030	mg/Kg	☼	10/14/25 09:44	10/15/25 00:05	1
2-Hexanone	0.0041	U *	0.0041	0.0014	mg/Kg	☼	10/14/25 09:44	10/15/25 00:05	1
4-Methyl-2-pentanone (MIBK)	0.0041	U *	0.0041	0.0013	mg/Kg	☼	10/14/25 09:44	10/15/25 00:05	1
Acetone	0.0049	U	0.0049	0.0047	mg/Kg	☼	10/14/25 09:44	10/15/25 00:05	1
Benzene	0.00082	U	0.00082	0.00047	mg/Kg	☼	10/14/25 09:44	10/15/25 00:05	1
Bromoform	0.00082	U	0.00082	0.00035	mg/Kg	☼	10/14/25 09:44	10/15/25 00:05	1
Bromomethane	0.0016	U	0.0016	0.00082	mg/Kg	☼	10/14/25 09:44	10/15/25 00:05	1
Carbon disulfide	0.00082	U	0.00082	0.00022	mg/Kg	☼	10/14/25 09:44	10/15/25 00:05	1
Carbon tetrachloride	0.00082	U	0.00082	0.00032	mg/Kg	☼	10/14/25 09:44	10/15/25 00:05	1
Chlorobenzene	0.00082	U	0.00082	0.00042	mg/Kg	☼	10/14/25 09:44	10/15/25 00:05	1
Chlorobromomethane	0.00082	U	0.00082	0.00049	mg/Kg	☼	10/14/25 09:44	10/15/25 00:05	1
Chlorodibromomethane	0.00082	U	0.00082	0.00044	mg/Kg	☼	10/14/25 09:44	10/15/25 00:05	1
Chloroethane	0.00082	U	0.00082	0.00043	mg/Kg	☼	10/14/25 09:44	10/15/25 00:05	1
Chloroform	0.00082	U	0.00082	0.00080	mg/Kg	☼	10/14/25 09:44	10/15/25 00:05	1
Chloromethane	0.00082	U	0.00082	0.00036	mg/Kg	☼	10/14/25 09:44	10/15/25 00:05	1
cis-1,2-Dichloroethene	0.00082	U	0.00082	0.00029	mg/Kg	☼	10/14/25 09:44	10/15/25 00:05	1
cis-1,3-Dichloropropene	0.00082	U	0.00082	0.00022	mg/Kg	☼	10/14/25 09:44	10/15/25 00:05	1
Cyclohexane	0.00082	U	0.00082	0.00018	mg/Kg	☼	10/14/25 09:44	10/15/25 00:05	1
Dichlorobromomethane	0.00082	U	0.00082	0.00021	mg/Kg	☼	10/14/25 09:44	10/15/25 00:05	1
Dichlorodifluoromethane	0.00082	U	0.00082	0.00028	mg/Kg	☼	10/14/25 09:44	10/15/25 00:05	1
Ethylbenzene	0.00082	U	0.00082	0.00039	mg/Kg	☼	10/14/25 09:44	10/15/25 00:05	1
Ethylene Dibromide	0.00082	U	0.00082	0.00042	mg/Kg	☼	10/14/25 09:44	10/15/25 00:05	1
Isopropylbenzene	0.00082	U	0.00082	0.00023	mg/Kg	☼	10/14/25 09:44	10/15/25 00:05	1
Methyl acetate	0.0041	U	0.0041	0.0035	mg/Kg	☼	10/14/25 09:44	10/15/25 00:05	1
Methyl tert-butyl ether	0.00082	U	0.00082	0.00042	mg/Kg	☼	10/14/25 09:44	10/15/25 00:05	1
Methylcyclohexane	0.00082	U	0.00082	0.00041	mg/Kg	☼	10/14/25 09:44	10/15/25 00:05	1
Methylene Chloride	**0.0014**	**J**	0.0016	0.00094	mg/Kg	☼	10/14/25 09:44	10/15/25 00:05	1
m-Xylene & p-Xylene	0.00082	U	0.00082	0.00035	mg/Kg	☼	10/14/25 09:44	10/15/25 00:05	1
n-Butylbenzene	0.00082	U	0.00082	0.00024	mg/Kg	☼	10/14/25 09:44	10/15/25 00:05	1
N-Propylbenzene	0.00082	U	0.00082	0.00037	mg/Kg	☼	10/14/25 09:44	10/15/25 00:05	1
o-Xylene	0.00082	U	0.00082	0.00038	mg/Kg	☼	10/14/25 09:44	10/15/25 00:05	1
sec-Butylbenzene	0.00082	U	0.00082	0.00024	mg/Kg	☼	10/14/25 09:44	10/15/25 00:05	1
Styrene	0.00082	U	0.00082	0.00023	mg/Kg	☼	10/14/25 09:44	10/15/25 00:05	1

Client Sample ID: 51A5_5-6

Lab Sample ID: 460-337049-19
Date Collected: 10/10/25 08:05
Matrix: Solid
Date Received: 10/10/25 17:30
Percent Solids: 98.7

Method: SW846 8260D - Volatile Organic Compounds by GC/MS (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
tert-Butylbenzene	0.00082	U	0.00082	0.00023	mg/Kg	☼	10/14/25 09:44	10/15/25 00:05	1
Tetrachloroethene	0.00082	U	0.00082	0.00025	mg/Kg	☼	10/14/25 09:44	10/15/25 00:05	1
Toluene	0.00082	U	0.00082	0.00019	mg/Kg	☼	10/14/25 09:44	10/15/25 00:05	1
trans-1,2-Dichloroethene	0.00082	U	0.00082	0.00020	mg/Kg	☼	10/14/25 09:44	10/15/25 00:05	1
trans-1,3-Dichloropropene	0.00082	U	0.00082	0.00022	mg/Kg	☼	10/14/25 09:44	10/15/25 00:05	1
Trichloroethene	0.00082	U	0.00082	0.00026	mg/Kg	☼	10/14/25 09:44	10/15/25 00:05	1
Trichlorofluoromethane	0.00082	U	0.00082	0.00033	mg/Kg	☼	10/14/25 09:44	10/15/25 00:05	1
Vinyl chloride	0.00082	U	0.00082	0.00045	mg/Kg	☼	10/14/25 09:44	10/15/25 00:05	1
Xylenes, Total	0.0016	U	0.0016	0.00014	mg/Kg	☼	10/14/25 09:44	10/15/25 00:05	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,2-Dichloroethane-d4 (Surr)	*106*		*65 - 138*	*10/14/25 09:44*	*10/15/25 00:05*	*1*
4-Bromofluorobenzene	*104*		*71 - 128*	*10/14/25 09:44*	*10/15/25 00:05*	*1*
Dibromofluoromethane (Surr)	*118*		*50 - 150*	*10/14/25 09:44*	*10/15/25 00:05*	*1*
Toluene-d8 (Surr)	*93*		*71 - 126*	*10/14/25 09:44*	*10/15/25 00:05*	*1*

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Percent Moisture (EPA Moisture)	**1.3**		1.0	1.0	%			10/15/25 19:49	1
Percent Solids (EPA Moisture)	**98.7**		1.0	1.0	%			10/15/25 19:49	1

Client Sample ID: 51A1_6-7

Lab Sample ID: 460-337049-20
Date Collected: 10/10/25 08:10
Matrix: Solid
Date Received: 10/10/25 17:30
Percent Solids: 99.0

Method: SW846 8260D - Volatile Organic Compounds by GC/MS

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1-Trichloroethane	0.00090	U	0.00090	0.00021	mg/Kg	☼	10/14/25 09:44	10/15/25 00:28	1
1,1,2,2-Tetrachloroethane	0.00090	U	0.00090	0.00047	mg/Kg	☼	10/14/25 09:44	10/15/25 00:28	1
1,1,2-Trichloro-1,2,2-trifluoroethane	0.00090	U	0.00090	0.00027	mg/Kg	☼	10/14/25 09:44	10/15/25 00:28	1
1,1,2-Trichloroethane	0.00090	U	0.00090	0.00054	mg/Kg	☼	10/14/25 09:44	10/15/25 00:28	1
1,1-Dichloroethane	0.00090	U	0.00090	0.00053	mg/Kg	☼	10/14/25 09:44	10/15/25 00:28	1
1,1-Dichloroethene	0.00090	U	0.00090	0.00020	mg/Kg	☼	10/14/25 09:44	10/15/25 00:28	1
1,2,3-Trichlorobenzene	0.00090	U	0.00090	0.00066	mg/Kg	☼	10/14/25 09:44	10/15/25 00:28	1
1,2,4-Trichlorobenzene	0.00090	U	0.00090	0.00032	mg/Kg	☼	10/14/25 09:44	10/15/25 00:28	1
1,2,4-Trimethylbenzene	0.00090	U	0.00090	0.00022	mg/Kg	☼	10/14/25 09:44	10/15/25 00:28	1
1,2-Dibromo-3-Chloropropane	0.00090	U	0.00090	0.00041	mg/Kg	☼	10/14/25 09:44	10/15/25 00:28	1
1,2-Dichlorobenzene	0.00090	U	0.00090	0.00032	mg/Kg	☼	10/14/25 09:44	10/15/25 00:28	1
1,2-Dichloroethane	0.00090	U	0.00090	0.00026	mg/Kg	☼	10/14/25 09:44	10/15/25 00:28	1
1,2-Dichloropropane	0.00090	U	0.00090	0.00038	mg/Kg	☼	10/14/25 09:44	10/15/25 00:28	1
1,3,5-Trimethylbenzene	0.00090	U	0.00090	0.00028	mg/Kg	☼	10/14/25 09:44	10/15/25 00:28	1
1,3-Dichlorobenzene	0.00090	U	0.00090	0.00033	mg/Kg	☼	10/14/25 09:44	10/15/25 00:28	1
1,4-Dichlorobenzene	0.00090	U	0.00090	0.00046	mg/Kg	☼	10/14/25 09:44	10/15/25 00:28	1
2-Butanone (MEK)	0.0045	U	0.0045	0.00033	mg/Kg	☼	10/14/25 09:44	10/15/25 00:28	1
2-Hexanone	0.0045	U *	0.0045	0.0015	mg/Kg	☼	10/14/25 09:44	10/15/25 00:28	1
4-Methyl-2-pentanone (MIBK)	0.0045	U *	0.0045	0.0014	mg/Kg	☼	10/14/25 09:44	10/15/25 00:28	1
Acetone	0.0054	U	0.0054	0.0051	mg/Kg	☼	10/14/25 09:44	10/15/25 00:28	1
Benzene	0.00090	U	0.00090	0.00051	mg/Kg	☼	10/14/25 09:44	10/15/25 00:28	1
Bromoform	0.00090	U	0.00090	0.00038	mg/Kg	☼	10/14/25 09:44	10/15/25 00:28	1
Bromomethane	0.0018	U	0.0018	0.00090	mg/Kg	☼	10/14/25 09:44	10/15/25 00:28	1

Client Sample ID: 51A1_6-7
Date Collected: 10/10/25 08:10
Date Received: 10/10/25 17:30

Lab Sample ID: 460-337049-20
Matrix: Solid
Percent Solids: 99.0

Method: SW846 8260D - Volatile Organic Compounds by GC/MS (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Carbon disulfide	0.00090	U	0.00090	0.00024	mg/Kg	☼	10/14/25 09:44	10/15/25 00:28	1
Carbon tetrachloride	0.00090	U	0.00090	0.00035	mg/Kg	☼	10/14/25 09:44	10/15/25 00:28	1
Chlorobenzene	0.00090	U	0.00090	0.00045	mg/Kg	☼	10/14/25 09:44	10/15/25 00:28	1
Chlorobromomethane	0.00090	U	0.00090	0.00053	mg/Kg	☼	10/14/25 09:44	10/15/25 00:28	1
Chlorodibromomethane	0.00090	U	0.00090	0.00048	mg/Kg	☼	10/14/25 09:44	10/15/25 00:28	1
Chloroethane	0.00090	U	0.00090	0.00047	mg/Kg	☼	10/14/25 09:44	10/15/25 00:28	1
Chloroform	0.00090	U	0.00090	0.00087	mg/Kg	☼	10/14/25 09:44	10/15/25 00:28	1
Chloromethane	0.00090	U	0.00090	0.00039	mg/Kg	☼	10/14/25 09:44	10/15/25 00:28	1
cis-1,2-Dichloroethene	0.00090	U	0.00090	0.00032	mg/Kg	☼	10/14/25 09:44	10/15/25 00:28	1
cis-1,3-Dichloropropene	0.00090	U	0.00090	0.00024	mg/Kg	☼	10/14/25 09:44	10/15/25 00:28	1
Cyclohexane	0.00090	U	0.00090	0.00020	mg/Kg	☼	10/14/25 09:44	10/15/25 00:28	1
Dichlorobromomethane	0.00090	U	0.00090	0.00023	mg/Kg	☼	10/14/25 09:44	10/15/25 00:28	1
Dichlorodifluoromethane	0.00090	U	0.00090	0.00030	mg/Kg	☼	10/14/25 09:44	10/15/25 00:28	1
Ethylbenzene	0.00090	U	0.00090	0.00042	mg/Kg	☼	10/14/25 09:44	10/15/25 00:28	1
Ethylene Dibromide	0.00090	U	0.00090	0.00045	mg/Kg	☼	10/14/25 09:44	10/15/25 00:28	1
Isopropylbenzene	0.00090	U	0.00090	0.00026	mg/Kg	☼	10/14/25 09:44	10/15/25 00:28	1
Methyl acetate	0.0045	U	0.0045	0.0038	mg/Kg	☼	10/14/25 09:44	10/15/25 00:28	1
Methyl tert-butyl ether	0.00090	U	0.00090	0.00046	mg/Kg	☼	10/14/25 09:44	10/15/25 00:28	1
Methylcyclohexane	0.00090	U	0.00090	0.00045	mg/Kg	☼	10/14/25 09:44	10/15/25 00:28	1
Methylene Chloride	**0.0026**		0.0018	0.0010	mg/Kg	☼	10/14/25 09:44	10/15/25 00:28	1
m-Xylene & p-Xylene	0.00090	U	0.00090	0.00038	mg/Kg	☼	10/14/25 09:44	10/15/25 00:28	1
n-Butylbenzene	0.00090	U	0.00090	0.00026	mg/Kg	☼	10/14/25 09:44	10/15/25 00:28	1
N-Propylbenzene	0.00090	U	0.00090	0.00040	mg/Kg	☼	10/14/25 09:44	10/15/25 00:28	1
o-Xylene	0.00090	U	0.00090	0.00041	mg/Kg	☼	10/14/25 09:44	10/15/25 00:28	1
sec-Butylbenzene	0.00090	U	0.00090	0.00026	mg/Kg	☼	10/14/25 09:44	10/15/25 00:28	1
Styrene	0.00090	U	0.00090	0.00025	mg/Kg	☼	10/14/25 09:44	10/15/25 00:28	1
tert-Butylbenzene	0.00090	U	0.00090	0.00025	mg/Kg	☼	10/14/25 09:44	10/15/25 00:28	1
Tetrachloroethene	0.00090	U	0.00090	0.00027	mg/Kg	☼	10/14/25 09:44	10/15/25 00:28	1
Toluene	0.00090	U	0.00090	0.00021	mg/Kg	☼	10/14/25 09:44	10/15/25 00:28	1
trans-1,2-Dichloroethene	0.00090	U	0.00090	0.00022	mg/Kg	☼	10/14/25 09:44	10/15/25 00:28	1
trans-1,3-Dichloropropene	0.00090	U	0.00090	0.00024	mg/Kg	☼	10/14/25 09:44	10/15/25 00:28	1
Trichloroethene	0.00090	U	0.00090	0.00029	mg/Kg	☼	10/14/25 09:44	10/15/25 00:28	1
Trichlorofluoromethane	0.00090	U	0.00090	0.00036	mg/Kg	☼	10/14/25 09:44	10/15/25 00:28	1
Vinyl chloride	0.00090	U	0.00090	0.00049	mg/Kg	☼	10/14/25 09:44	10/15/25 00:28	1
Xylenes, Total	0.0018	U	0.0018	0.00016	mg/Kg	☼	10/14/25 09:44	10/15/25 00:28	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,2-Dichloroethane-d4 (Surr)	*107*		*65 - 138*	*10/14/25 09:44*	*10/15/25 00:28*	*1*
4-Bromofluorobenzene	*104*		*71 - 128*	*10/14/25 09:44*	*10/15/25 00:28*	*1*
Dibromofluoromethane (Surr)	*117*		*50 - 150*	*10/14/25 09:44*	*10/15/25 00:28*	*1*
Toluene-d8 (Surr)	*93*		*71 - 126*	*10/14/25 09:44*	*10/15/25 00:28*	*1*

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Percent Moisture (EPA Moisture)	**1.0**		1.0	1.0	%			10/15/25 19:49	1
Percent Solids (EPA Moisture)	**99.0**		1.0	1.0	%			10/15/25 19:49	1

Client: Haley & Aldrich, Inc.
Project/Site: Former Port Mobil

Job ID: 460-337049-1

Client Sample ID: 51A2_3-4
Date Collected: 10/10/25 08:15
Date Received: 10/10/25 17:30

Lab Sample ID: 460-337049-21
Matrix: Solid
Percent Solids: 94.1

Method: SW846 8260D - Volatile Organic Compounds by GC/MS

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1-Trichloroethane	0.0010	U	0.0010	0.00023	mg/Kg	☼	10/14/25 09:44	10/15/25 00:51	1
1,1,2,2-Tetrachloroethane	0.0010	U	0.0010	0.00052	mg/Kg	☼	10/14/25 09:44	10/15/25 00:51	1
1,1,2-Trichloro-1,2,2-trifluoroethane	0.0010	U	0.0010	0.00030	mg/Kg	☼	10/14/25 09:44	10/15/25 00:51	1
1,1,2-Trichloroethane	0.0010	U	0.0010	0.00060	mg/Kg	☼	10/14/25 09:44	10/15/25 00:51	1
1,1-Dichloroethane	0.0010	U	0.0010	0.00060	mg/Kg	☼	10/14/25 09:44	10/15/25 00:51	1
1,1-Dichloroethene	0.0010	U	0.0010	0.00022	mg/Kg	☼	10/14/25 09:44	10/15/25 00:51	1
1,2,3-Trichlorobenzene	0.0010	U	0.0010	0.00074	mg/Kg	☼	10/14/25 09:44	10/15/25 00:51	1
1,2,4-Trichlorobenzene	0.0010	U	0.0010	0.00036	mg/Kg	☼	10/14/25 09:44	10/15/25 00:51	1
1,2,4-Trimethylbenzene	0.0010	U	0.0010	0.00025	mg/Kg	☼	10/14/25 09:44	10/15/25 00:51	1
1,2-Dibromo-3-Chloropropane	0.0010	U	0.0010	0.00046	mg/Kg	☼	10/14/25 09:44	10/15/25 00:51	1
1,2-Dichlorobenzene	0.0010	U	0.0010	0.00036	mg/Kg	☼	10/14/25 09:44	10/15/25 00:51	1
1,2-Dichloroethane	0.0010	U	0.0010	0.00030	mg/Kg	☼	10/14/25 09:44	10/15/25 00:51	1
1,2-Dichloropropane	0.0010	U	0.0010	0.00042	mg/Kg	☼	10/14/25 09:44	10/15/25 00:51	1
1,3,5-Trimethylbenzene	0.0010	U	0.0010	0.00031	mg/Kg	☼	10/14/25 09:44	10/15/25 00:51	1
1,3-Dichlorobenzene	0.0010	U	0.0010	0.00036	mg/Kg	☼	10/14/25 09:44	10/15/25 00:51	1
1,4-Dichlorobenzene	0.0010	U	0.0010	0.00052	mg/Kg	☼	10/14/25 09:44	10/15/25 00:51	1
2-Butanone (MEK)	0.0050	U	0.0050	0.00037	mg/Kg	☼	10/14/25 09:44	10/15/25 00:51	1
2-Hexanone	0.0050	U *	0.0050	0.0017	mg/Kg	☼	10/14/25 09:44	10/15/25 00:51	1
4-Methyl-2-pentanone (MIBK)	0.0050	U *	0.0050	0.0016	mg/Kg	☼	10/14/25 09:44	10/15/25 00:51	1
Acetone	0.0060	U	0.0060	0.0057	mg/Kg	☼	10/14/25 09:44	10/15/25 00:51	1
Benzene	0.0010	U	0.0010	0.00057	mg/Kg	☼	10/14/25 09:44	10/15/25 00:51	1
Bromoform	0.0010	U	0.0010	0.00042	mg/Kg	☼	10/14/25 09:44	10/15/25 00:51	1
Bromomethane	0.0020	U	0.0020	0.0010	mg/Kg	☼	10/14/25 09:44	10/15/25 00:51	1
Carbon disulfide	0.0010	U	0.0010	0.00027	mg/Kg	☼	10/14/25 09:44	10/15/25 00:51	1
Carbon tetrachloride	0.0010	U	0.0010	0.00039	mg/Kg	☼	10/14/25 09:44	10/15/25 00:51	1
Chlorobenzene	0.0010	U	0.0010	0.00051	mg/Kg	☼	10/14/25 09:44	10/15/25 00:51	1
Chlorobromomethane	0.0010	U	0.0010	0.00060	mg/Kg	☼	10/14/25 09:44	10/15/25 00:51	1
Chlorodibromomethane	0.0010	U	0.0010	0.00054	mg/Kg	☼	10/14/25 09:44	10/15/25 00:51	1
Chloroethane	0.0010	U	0.0010	0.00052	mg/Kg	☼	10/14/25 09:44	10/15/25 00:51	1
Chloroform	0.0010	U	0.0010	0.00097	mg/Kg	☼	10/14/25 09:44	10/15/25 00:51	1
Chloromethane	0.0010	U	0.0010	0.00043	mg/Kg	☼	10/14/25 09:44	10/15/25 00:51	1
cis-1,2-Dichloroethene	0.0010	U	0.0010	0.00036	mg/Kg	☼	10/14/25 09:44	10/15/25 00:51	1
cis-1,3-Dichloropropene	0.0010	U	0.0010	0.00027	mg/Kg	☼	10/14/25 09:44	10/15/25 00:51	1
Cyclohexane	0.0010	U	0.0010	0.00022	mg/Kg	☼	10/14/25 09:44	10/15/25 00:51	1
Dichlorobromomethane	0.0010	U	0.0010	0.00026	mg/Kg	☼	10/14/25 09:44	10/15/25 00:51	1
Dichlorodifluoromethane	0.0010	U	0.0010	0.00034	mg/Kg	☼	10/14/25 09:44	10/15/25 00:51	1
Ethylbenzene	0.0010	U	0.0010	0.00047	mg/Kg	☼	10/14/25 09:44	10/15/25 00:51	1
Ethylene Dibromide	0.0010	U	0.0010	0.00050	mg/Kg	☼	10/14/25 09:44	10/15/25 00:51	1
Isopropylbenzene	0.0010	U	0.0010	0.00028	mg/Kg	☼	10/14/25 09:44	10/15/25 00:51	1
Methyl acetate	0.0050	U	0.0050	0.0043	mg/Kg	☼	10/14/25 09:44	10/15/25 00:51	1
Methyl tert-butyl ether	0.0010	U	0.0010	0.00051	mg/Kg	☼	10/14/25 09:44	10/15/25 00:51	1
Methylcyclohexane	0.0010	U	0.0010	0.00050	mg/Kg	☼	10/14/25 09:44	10/15/25 00:51	1
Methylene Chloride	0.0020	U	0.0020	0.0011	mg/Kg	☼	10/14/25 09:44	10/15/25 00:51	1
m-Xylene & p-Xylene	0.0010	U	0.0010	0.00042	mg/Kg	☼	10/14/25 09:44	10/15/25 00:51	1
n-Butylbenzene	0.0010	U	0.0010	0.00029	mg/Kg	☼	10/14/25 09:44	10/15/25 00:51	1
N-Propylbenzene	0.0010	U	0.0010	0.00045	mg/Kg	☼	10/14/25 09:44	10/15/25 00:51	1
o-Xylene	0.0010	U	0.0010	0.00046	mg/Kg	☼	10/14/25 09:44	10/15/25 00:51	1
sec-Butylbenzene	0.0010	U	0.0010	0.00029	mg/Kg	☼	10/14/25 09:44	10/15/25 00:51	1
Styrene	0.0010	U	0.0010	0.00028	mg/Kg	☼	10/14/25 09:44	10/15/25 00:51	1

Client Sample ID: 51A2_3-4

Date Collected: 10/10/25 08:15
Date Received: 10/10/25 17:30

Lab Sample ID: 460-337049-21

Matrix: Solid
Percent Solids: 94.1

Method: SW846 8260D - Volatile Organic Compounds by GC/MS (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
tert-Butylbenzene	0.0010	U	0.0010	0.00028	mg/Kg	☼	10/14/25 09:44	10/15/25 00:51	1
Tetrachloroethene	0.0010	U	0.0010	0.00030	mg/Kg	☼	10/14/25 09:44	10/15/25 00:51	1
Toluene	0.0010	U	0.0010	0.00023	mg/Kg	☼	10/14/25 09:44	10/15/25 00:51	1
trans-1,2-Dichloroethene	0.0010	U	0.0010	0.00025	mg/Kg	☼	10/14/25 09:44	10/15/25 00:51	1
trans-1,3-Dichloropropene	0.0010	U	0.0010	0.00027	mg/Kg	☼	10/14/25 09:44	10/15/25 00:51	1
Trichloroethene	0.0010	U	0.0010	0.00032	mg/Kg	☼	10/14/25 09:44	10/15/25 00:51	1
Trichlorofluoromethane	0.0010	U	0.0010	0.00041	mg/Kg	☼	10/14/25 09:44	10/15/25 00:51	1
Vinyl chloride	0.0010	U	0.0010	0.00055	mg/Kg	☼	10/14/25 09:44	10/15/25 00:51	1
Xylenes, Total	0.0020	U	0.0020	0.00017	mg/Kg	☼	10/14/25 09:44	10/15/25 00:51	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,2-Dichloroethane-d4 (Surr)	*106*		*65 - 138*	*10/14/25 09:44*	*10/15/25 00:51*	*1*
4-Bromofluorobenzene	*104*		*71 - 128*	*10/14/25 09:44*	*10/15/25 00:51*	*1*
Dibromofluoromethane (Surr)	*113*		*50 - 150*	*10/14/25 09:44*	*10/15/25 00:51*	*1*
Toluene-d8 (Surr)	*93*		*71 - 126*	*10/14/25 09:44*	*10/15/25 00:51*	*1*

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Percent Moisture (EPA Moisture)	**5.9**		1.0	1.0	%			10/15/25 19:49	1
Percent Solids (EPA Moisture)	**94.1**		1.0	1.0	%			10/15/25 19:49	1

Client Sample ID: 51B1_1-2

Date Collected: 10/10/25 08:30
Date Received: 10/10/25 17:30

Lab Sample ID: 460-337049-22

Matrix: Solid
Percent Solids: 93.6

Method: SW846 8260D - Volatile Organic Compounds by GC/MS

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1-Trichloroethane	0.00096	U	0.00096	0.00022	mg/Kg	☼	10/14/25 09:45	10/15/25 01:14	1
1,1,2,2-Tetrachloroethane	0.00096	U	0.00096	0.00050	mg/Kg	☼	10/14/25 09:45	10/15/25 01:14	1
1,1,2-Trichloro-1,2,2-trifluoroethane	0.00096	U	0.00096	0.00029	mg/Kg	☼	10/14/25 09:45	10/15/25 01:14	1
1,1,2-Trichloroethane	0.00096	U	0.00096	0.00058	mg/Kg	☼	10/14/25 09:45	10/15/25 01:14	1
1,1-Dichloroethane	0.00096	U	0.00096	0.00057	mg/Kg	☼	10/14/25 09:45	10/15/25 01:14	1
1,1-Dichloroethene	0.00096	U	0.00096	0.00022	mg/Kg	☼	10/14/25 09:45	10/15/25 01:14	1
1,2,3-Trichlorobenzene	0.00096	U	0.00096	0.00071	mg/Kg	☼	10/14/25 09:45	10/15/25 01:14	1
1,2,4-Trichlorobenzene	0.00096	U	0.00096	0.00034	mg/Kg	☼	10/14/25 09:45	10/15/25 01:14	1
1,2,4-Trimethylbenzene	0.00096	U	0.00096	0.00024	mg/Kg	☼	10/14/25 09:45	10/15/25 01:14	1
1,2-Dibromo-3-Chloropropane	0.00096	U	0.00096	0.00044	mg/Kg	☼	10/14/25 09:45	10/15/25 01:14	1
1,2-Dichlorobenzene	0.00096	U	0.00096	0.00035	mg/Kg	☼	10/14/25 09:45	10/15/25 01:14	1
1,2-Dichloroethane	0.00096	U	0.00096	0.00028	mg/Kg	☼	10/14/25 09:45	10/15/25 01:14	1
1,2-Dichloropropane	0.00096	U	0.00096	0.00041	mg/Kg	☼	10/14/25 09:45	10/15/25 01:14	1
1,3,5-Trimethylbenzene	0.00096	U	0.00096	0.00030	mg/Kg	☼	10/14/25 09:45	10/15/25 01:14	1
1,3-Dichlorobenzene	0.00096	U	0.00096	0.00035	mg/Kg	☼	10/14/25 09:45	10/15/25 01:14	1
1,4-Dichlorobenzene	0.00096	U	0.00096	0.00050	mg/Kg	☼	10/14/25 09:45	10/15/25 01:14	1
2-Butanone (MEK)	0.0048	U	0.0048	0.00035	mg/Kg	☼	10/14/25 09:45	10/15/25 01:14	1
2-Hexanone	0.0048	U *	0.0048	0.0016	mg/Kg	☼	10/14/25 09:45	10/15/25 01:14	1
4-Methyl-2-pentanone (MIBK)	0.0048	U *	0.0048	0.0015	mg/Kg	☼	10/14/25 09:45	10/15/25 01:14	1
Acetone	0.0058	U	0.0058	0.0055	mg/Kg	☼	10/14/25 09:45	10/15/25 01:14	1
Benzene	0.00096	U	0.00096	0.00055	mg/Kg	☼	10/14/25 09:45	10/15/25 01:14	1
Bromoform	0.00096	U	0.00096	0.00041	mg/Kg	☼	10/14/25 09:45	10/15/25 01:14	1
Bromomethane	0.0019	U	0.0019	0.00096	mg/Kg	☼	10/14/25 09:45	10/15/25 01:14	1

Client Sample ID: 51B1_1-2
Date Collected: 10/10/25 08:30
Date Received: 10/10/25 17:30

Lab Sample ID: 460-337049-22
Matrix: Solid
Percent Solids: 93.6

Method: SW846 8260D - Volatile Organic Compounds by GC/MS (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Carbon disulfide	0.00096	U	0.00096	0.00026	mg/Kg	☼	10/14/25 09:45	10/15/25 01:14	1
Carbon tetrachloride	0.00096	U	0.00096	0.00037	mg/Kg	☼	10/14/25 09:45	10/15/25 01:14	1
Chlorobenzene	0.00096	U	0.00096	0.00049	mg/Kg	☼	10/14/25 09:45	10/15/25 01:14	1
Chlorobromomethane	0.00096	U	0.00096	0.00057	mg/Kg	☼	10/14/25 09:45	10/15/25 01:14	1
Chlorodibromomethane	0.00096	U	0.00096	0.00052	mg/Kg	☼	10/14/25 09:45	10/15/25 01:14	1
Chloroethane	0.00096	U	0.00096	0.00050	mg/Kg	☼	10/14/25 09:45	10/15/25 01:14	1
Chloroform	0.00096	U	0.00096	0.00093	mg/Kg	☼	10/14/25 09:45	10/15/25 01:14	1
Chloromethane	0.00096	U	0.00096	0.00042	mg/Kg	☼	10/14/25 09:45	10/15/25 01:14	1
cis-1,2-Dichloroethene	0.00096	U	0.00096	0.00034	mg/Kg	☼	10/14/25 09:45	10/15/25 01:14	1
cis-1,3-Dichloropropene	0.00096	U	0.00096	0.00026	mg/Kg	☼	10/14/25 09:45	10/15/25 01:14	1
Cyclohexane	0.00096	U	0.00096	0.00021	mg/Kg	☼	10/14/25 09:45	10/15/25 01:14	1
Dichlorobromomethane	0.00096	U	0.00096	0.00025	mg/Kg	☼	10/14/25 09:45	10/15/25 01:14	1
Dichlorodifluoromethane	0.00096	U	0.00096	0.00033	mg/Kg	☼	10/14/25 09:45	10/15/25 01:14	1
Ethylbenzene	0.00096	U	0.00096	0.00045	mg/Kg	☼	10/14/25 09:45	10/15/25 01:14	1
Ethylene Dibromide	0.00096	U	0.00096	0.00048	mg/Kg	☼	10/14/25 09:45	10/15/25 01:14	1
Isopropylbenzene	0.00096	U	0.00096	0.00027	mg/Kg	☼	10/14/25 09:45	10/15/25 01:14	1
Methyl acetate	0.0048	U	0.0048	0.0041	mg/Kg	☼	10/14/25 09:45	10/15/25 01:14	1
Methyl tert-butyl ether	0.00096	U	0.00096	0.00049	mg/Kg	☼	10/14/25 09:45	10/15/25 01:14	1
Methylcyclohexane	0.00096	U	0.00096	0.00048	mg/Kg	☼	10/14/25 09:45	10/15/25 01:14	1
Methylene Chloride	0.0019	U	0.0019	0.0011	mg/Kg	☼	10/14/25 09:45	10/15/25 01:14	1
m-Xylene & p-Xylene	0.00096	U	0.00096	0.00041	mg/Kg	☼	10/14/25 09:45	10/15/25 01:14	1
n-Butylbenzene	0.00096	U	0.00096	0.00028	mg/Kg	☼	10/14/25 09:45	10/15/25 01:14	1
N-Propylbenzene	0.00096	U	0.00096	0.00043	mg/Kg	☼	10/14/25 09:45	10/15/25 01:14	1
o-Xylene	0.00096	U	0.00096	0.00044	mg/Kg	☼	10/14/25 09:45	10/15/25 01:14	1
sec-Butylbenzene	0.00096	U	0.00096	0.00028	mg/Kg	☼	10/14/25 09:45	10/15/25 01:14	1
Styrene	0.00096	U	0.00096	0.00027	mg/Kg	☼	10/14/25 09:45	10/15/25 01:14	1
tert-Butylbenzene	0.00096	U	0.00096	0.00027	mg/Kg	☼	10/14/25 09:45	10/15/25 01:14	1
Tetrachloroethene	0.00096	U	0.00096	0.00029	mg/Kg	☼	10/14/25 09:45	10/15/25 01:14	1
Toluene	**0.00043**	**J**	0.00096	0.00023	mg/Kg	☼	10/14/25 09:45	10/15/25 01:14	1
trans-1,2-Dichloroethene	0.00096	U	0.00096	0.00024	mg/Kg	☼	10/14/25 09:45	10/15/25 01:14	1
trans-1,3-Dichloropropene	0.00096	U	0.00096	0.00026	mg/Kg	☼	10/14/25 09:45	10/15/25 01:14	1
Trichloroethene	0.00096	U	0.00096	0.00031	mg/Kg	☼	10/14/25 09:45	10/15/25 01:14	1
Trichlorofluoromethane	0.00096	U	0.00096	0.00039	mg/Kg	☼	10/14/25 09:45	10/15/25 01:14	1
Vinyl chloride	0.00096	U	0.00096	0.00053	mg/Kg	☼	10/14/25 09:45	10/15/25 01:14	1
Xylenes, Total	0.0019	U	0.0019	0.00017	mg/Kg	☼	10/14/25 09:45	10/15/25 01:14	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,2-Dichloroethane-d4 (Surr)	*107*		*65 - 138*	*10/14/25 09:45*	*10/15/25 01:14*	*1*
4-Bromofluorobenzene	*103*		*71 - 128*	*10/14/25 09:45*	*10/15/25 01:14*	*1*
Dibromofluoromethane (Surr)	*119*		*50 - 150*	*10/14/25 09:45*	*10/15/25 01:14*	*1*
Toluene-d8 (Surr)	*93*		*71 - 126*	*10/14/25 09:45*	*10/15/25 01:14*	*1*

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Percent Moisture (EPA Moisture)	**6.4**		1.0	1.0	%			10/15/25 19:49	1
Percent Solids (EPA Moisture)	**93.6**		1.0	1.0	%			10/15/25 19:49	1

Client Sample ID: 51B2_2-3
Date Collected: 10/10/25 08:35
Date Received: 10/10/25 17:30

Lab Sample ID: 460-337049-23
Matrix: Solid
Percent Solids: 93.5

Method: SW846 8260D - Volatile Organic Compounds by GC/MS

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1-Trichloroethane	0.00099	U	0.00099	0.00023	mg/Kg	☼	10/14/25 09:45	10/15/25 01:37	1
1,1,2,2-Tetrachloroethane	0.00099	U	0.00099	0.00052	mg/Kg	☼	10/14/25 09:45	10/15/25 01:37	1
1,1,2-Trichloro-1,2,2-trifluoroethane	0.00099	U	0.00099	0.00030	mg/Kg	☼	10/14/25 09:45	10/15/25 01:37	1
1,1,2-Trichloroethane	0.00099	U	0.00099	0.00060	mg/Kg	☼	10/14/25 09:45	10/15/25 01:37	1
1,1-Dichloroethane	0.00099	U	0.00099	0.00059	mg/Kg	☼	10/14/25 09:45	10/15/25 01:37	1
1,1-Dichloroethene	0.00099	U	0.00099	0.00022	mg/Kg	☼	10/14/25 09:45	10/15/25 01:37	1
1,2,3-Trichlorobenzene	0.00099	U	0.00099	0.00073	mg/Kg	☼	10/14/25 09:45	10/15/25 01:37	1
1,2,4-Trichlorobenzene	0.00099	U	0.00099	0.00036	mg/Kg	☼	10/14/25 09:45	10/15/25 01:37	1
1,2,4-Trimethylbenzene	0.00099	U	0.00099	0.00024	mg/Kg	☼	10/14/25 09:45	10/15/25 01:37	1
1,2-Dibromo-3-Chloropropane	0.00099	U	0.00099	0.00046	mg/Kg	☼	10/14/25 09:45	10/15/25 01:37	1
1,2-Dichlorobenzene	0.00099	U	0.00099	0.00036	mg/Kg	☼	10/14/25 09:45	10/15/25 01:37	1
1,2-Dichloroethane	0.00099	U	0.00099	0.00029	mg/Kg	☼	10/14/25 09:45	10/15/25 01:37	1
1,2-Dichloropropane	0.00099	U	0.00099	0.00042	mg/Kg	☼	10/14/25 09:45	10/15/25 01:37	1
1,3,5-Trimethylbenzene	0.00099	U	0.00099	0.00031	mg/Kg	☼	10/14/25 09:45	10/15/25 01:37	1
1,3-Dichlorobenzene	0.00099	U	0.00099	0.00036	mg/Kg	☼	10/14/25 09:45	10/15/25 01:37	1
1,4-Dichlorobenzene	0.00099	U	0.00099	0.00052	mg/Kg	☼	10/14/25 09:45	10/15/25 01:37	1
2-Butanone (MEK)	0.0050	U	0.0050	0.00037	mg/Kg	☼	10/14/25 09:45	10/15/25 01:37	1
2-Hexanone	0.0050	U *	0.0050	0.0017	mg/Kg	☼	10/14/25 09:45	10/15/25 01:37	1
4-Methyl-2-pentanone (MIBK)	0.0050	U *	0.0050	0.0015	mg/Kg	☼	10/14/25 09:45	10/15/25 01:37	1
Acetone	0.0060	U	0.0060	0.0057	mg/Kg	☼	10/14/25 09:45	10/15/25 01:37	1
Benzene	0.00099	U	0.00099	0.00056	mg/Kg	☼	10/14/25 09:45	10/15/25 01:37	1
Bromoform	0.00099	U	0.00099	0.00042	mg/Kg	☼	10/14/25 09:45	10/15/25 01:37	1
Bromomethane	0.0020	U	0.0020	0.00099	mg/Kg	☼	10/14/25 09:45	10/15/25 01:37	1
Carbon disulfide	0.00099	U	0.00099	0.00026	mg/Kg	☼	10/14/25 09:45	10/15/25 01:37	1
Carbon tetrachloride	0.00099	U	0.00099	0.00038	mg/Kg	☼	10/14/25 09:45	10/15/25 01:37	1
Chlorobenzene	0.00099	U	0.00099	0.00050	mg/Kg	☼	10/14/25 09:45	10/15/25 01:37	1
Chlorobromomethane	0.00099	U	0.00099	0.00059	mg/Kg	☼	10/14/25 09:45	10/15/25 01:37	1
Chlorodibromomethane	0.00099	U	0.00099	0.00053	mg/Kg	☼	10/14/25 09:45	10/15/25 01:37	1
Chloroethane	0.00099	U	0.00099	0.00052	mg/Kg	☼	10/14/25 09:45	10/15/25 01:37	1
Chloroform	0.00099	U	0.00099	0.00097	mg/Kg	☼	10/14/25 09:45	10/15/25 01:37	1
Chloromethane	0.00099	U	0.00099	0.00043	mg/Kg	☼	10/14/25 09:45	10/15/25 01:37	1
cis-1,2-Dichloroethene	0.00099	U	0.00099	0.00036	mg/Kg	☼	10/14/25 09:45	10/15/25 01:37	1
cis-1,3-Dichloropropene	0.00099	U	0.00099	0.00027	mg/Kg	☼	10/14/25 09:45	10/15/25 01:37	1
Cyclohexane	0.00099	U	0.00099	0.00022	mg/Kg	☼	10/14/25 09:45	10/15/25 01:37	1
Dichlorobromomethane	0.00099	U	0.00099	0.00026	mg/Kg	☼	10/14/25 09:45	10/15/25 01:37	1
Dichlorodifluoromethane	0.00099	U	0.00099	0.00034	mg/Kg	☼	10/14/25 09:45	10/15/25 01:37	1
Ethylbenzene	0.00099	U	0.00099	0.00047	mg/Kg	☼	10/14/25 09:45	10/15/25 01:37	1
Ethylene Dibromide	0.00099	U	0.00099	0.00050	mg/Kg	☼	10/14/25 09:45	10/15/25 01:37	1
Isopropylbenzene	0.00099	U	0.00099	0.00028	mg/Kg	☼	10/14/25 09:45	10/15/25 01:37	1
Methyl acetate	0.0050	U	0.0050	0.0043	mg/Kg	☼	10/14/25 09:45	10/15/25 01:37	1
Methyl tert-butyl ether	0.00099	U	0.00099	0.00051	mg/Kg	☼	10/14/25 09:45	10/15/25 01:37	1
Methylcyclohexane	0.00099	U	0.00099	0.00050	mg/Kg	☼	10/14/25 09:45	10/15/25 01:37	1
Methylene Chloride	0.0020	U	0.0020	0.0011	mg/Kg	☼	10/14/25 09:45	10/15/25 01:37	1
m-Xylene & p-Xylene	0.00099	U	0.00099	0.00042	mg/Kg	☼	10/14/25 09:45	10/15/25 01:37	1
n-Butylbenzene	0.00099	U	0.00099	0.00029	mg/Kg	☼	10/14/25 09:45	10/15/25 01:37	1
N-Propylbenzene	0.00099	U	0.00099	0.00045	mg/Kg	☼	10/14/25 09:45	10/15/25 01:37	1
o-Xylene	0.00099	U	0.00099	0.00046	mg/Kg	☼	10/14/25 09:45	10/15/25 01:37	1
sec-Butylbenzene	0.00099	U	0.00099	0.00029	mg/Kg	☼	10/14/25 09:45	10/15/25 01:37	1
Styrene	0.00099	U	0.00099	0.00028	mg/Kg	☼	10/14/25 09:45	10/15/25 01:37	1

Client Sample ID: 51B2_2-3

Lab Sample ID: 460-337049-23

Date Collected: 10/10/25 08:35
Matrix: Solid
Date Received: 10/10/25 17:30
Percent Solids: 93.5

Method: SW846 8260D - Volatile Organic Compounds by GC/MS (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
tert-Butylbenzene	0.00099	U	0.00099	0.00027	mg/Kg	☼	10/14/25 09:45	10/15/25 01:37	1
Tetrachloroethene	0.00099	U	0.00099	0.00030	mg/Kg	☼	10/14/25 09:45	10/15/25 01:37	1
Toluene	0.00099	U	0.00099	0.00023	mg/Kg	☼	10/14/25 09:45	10/15/25 01:37	1
trans-1,2-Dichloroethene	0.00099	U	0.00099	0.00024	mg/Kg	☼	10/14/25 09:45	10/15/25 01:37	1
trans-1,3-Dichloropropene	0.00099	U	0.00099	0.00026	mg/Kg	☼	10/14/25 09:45	10/15/25 01:37	1
Trichloroethene	0.00099	U	0.00099	0.00032	mg/Kg	☼	10/14/25 09:45	10/15/25 01:37	1
Trichlorofluoromethane	0.00099	U	0.00099	0.00040	mg/Kg	☼	10/14/25 09:45	10/15/25 01:37	1
Vinyl chloride	0.00099	U	0.00099	0.00054	mg/Kg	☼	10/14/25 09:45	10/15/25 01:37	1
Xylenes, Total	0.0020	U	0.0020	0.00017	mg/Kg	☼	10/14/25 09:45	10/15/25 01:37	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,2-Dichloroethane-d4 (Surr)	*104*		*65 - 138*	*10/14/25 09:45*	*10/15/25 01:37*	*1*
4-Bromofluorobenzene	*103*		*71 - 128*	*10/14/25 09:45*	*10/15/25 01:37*	*1*
Dibromofluoromethane (Surr)	*115*		*50 - 150*	*10/14/25 09:45*	*10/15/25 01:37*	*1*
Toluene-d8 (Surr)	*92*		*71 - 126*	*10/14/25 09:45*	*10/15/25 01:37*	*1*

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Percent Moisture (EPA Moisture)	**6.5**		1.0	1.0	%			10/15/25 19:49	1
Percent Solids (EPA Moisture)	**93.5**		1.0	1.0	%			10/15/25 19:49	1

Client Sample ID: 51B3_4-5

Lab Sample ID: 460-337049-24

Date Collected: 10/10/25 08:40
Matrix: Solid
Date Received: 10/10/25 17:30
Percent Solids: 90.6

Method: SW846 8260D - Volatile Organic Compounds by GC/MS

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1-Trichloroethane	0.0011	U	0.0011	0.00026	mg/Kg	☼	10/14/25 09:45	10/14/25 22:11	1
1,1,2,2-Tetrachloroethane	0.0011	U	0.0011	0.00058	mg/Kg	☼	10/14/25 09:45	10/14/25 22:11	1
1,1,2-Trichloro-1,2,2-trifluoroethane	0.0011	U	0.0011	0.00033	mg/Kg	☼	10/14/25 09:45	10/14/25 22:11	1
1,1,2-Trichloroethane	0.0011	U	0.0011	0.00066	mg/Kg	☼	10/14/25 09:45	10/14/25 22:11	1
1,1-Dichloroethane	0.0011	U	0.0011	0.00066	mg/Kg	☼	10/14/25 09:45	10/14/25 22:11	1
1,1-Dichloroethene	0.0011	U	0.0011	0.00025	mg/Kg	☼	10/14/25 09:45	10/14/25 22:11	1
1,2,3-Trichlorobenzene	0.0011	U	0.0011	0.00082	mg/Kg	☼	10/14/25 09:45	10/14/25 22:11	1
1,2,4-Trichlorobenzene	0.0011	U	0.0011	0.00040	mg/Kg	☼	10/14/25 09:45	10/14/25 22:11	1
1,2,4-Trimethylbenzene	0.0011	U	0.0011	0.00027	mg/Kg	☼	10/14/25 09:45	10/14/25 22:11	1
1,2-Dibromo-3-Chloropropane	0.0011	U	0.0011	0.00051	mg/Kg	☼	10/14/25 09:45	10/14/25 22:11	1
1,2-Dichlorobenzene	0.0011	U	0.0011	0.00040	mg/Kg	☼	10/14/25 09:45	10/14/25 22:11	1
1,2-Dichloroethane	0.0011	U	0.0011	0.00033	mg/Kg	☼	10/14/25 09:45	10/14/25 22:11	1
1,2-Dichloropropane	0.0011	U	0.0011	0.00047	mg/Kg	☼	10/14/25 09:45	10/14/25 22:11	1
1,3,5-Trimethylbenzene	0.0011	U	0.0011	0.00035	mg/Kg	☼	10/14/25 09:45	10/14/25 22:11	1
1,3-Dichlorobenzene	0.0011	U	0.0011	0.00040	mg/Kg	☼	10/14/25 09:45	10/14/25 22:11	1
1,4-Dichlorobenzene	0.0011	U	0.0011	0.00057	mg/Kg	☼	10/14/25 09:45	10/14/25 22:11	1
2-Butanone (MEK)	0.0055	U	0.0055	0.00041	mg/Kg	☼	10/14/25 09:45	10/14/25 22:11	1
2-Hexanone	0.0055	U	0.0055	0.0019	mg/Kg	☼	10/14/25 09:45	10/14/25 22:11	1
4-Methyl-2-pentanone (MIBK)	0.0055	U	0.0055	0.0017	mg/Kg	☼	10/14/25 09:45	10/14/25 22:11	1
Acetone	0.0066	U	0.0066	0.0063	mg/Kg	☼	10/14/25 09:45	10/14/25 22:11	1
Benzene	0.0011	U	0.0011	0.00063	mg/Kg	☼	10/14/25 09:45	10/14/25 22:11	1
Bromoform	0.0011	U	0.0011	0.00047	mg/Kg	☼	10/14/25 09:45	10/14/25 22:11	1
Bromomethane	0.0022	U	0.0022	0.0011	mg/Kg	☼	10/14/25 09:45	10/14/25 22:11	1

Client Sample ID: 51B3_4-5
Date Collected: 10/10/25 08:40
Date Received: 10/10/25 17:30

Lab Sample ID: 460-337049-24
Matrix: Solid
Percent Solids: 90.6

Method: SW846 8260D - Volatile Organic Compounds by GC/MS (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Carbon disulfide	0.0011	U	0.0011	0.00029	mg/Kg	☼	10/14/25 09:45	10/14/25 22:11	1
Carbon tetrachloride	0.0011	U	0.0011	0.00043	mg/Kg	☼	10/14/25 09:45	10/14/25 22:11	1
Chlorobenzene	0.0011	U	0.0011	0.00056	mg/Kg	☼	10/14/25 09:45	10/14/25 22:11	1
Chlorobromomethane	0.0011	U	0.0011	0.00066	mg/Kg	☼	10/14/25 09:45	10/14/25 22:11	1
Chlorodibromomethane	0.0011	U	0.0011	0.00059	mg/Kg	☼	10/14/25 09:45	10/14/25 22:11	1
Chloroethane	0.0011	U	0.0011	0.00058	mg/Kg	☼	10/14/25 09:45	10/14/25 22:11	1
Chloroform	0.0011	U	0.0011	0.0011	mg/Kg	☼	10/14/25 09:45	10/14/25 22:11	1
Chloromethane	0.0011	U	0.0011	0.00048	mg/Kg	☼	10/14/25 09:45	10/14/25 22:11	1
cis-1,2-Dichloroethene	0.0011	U	0.0011	0.00040	mg/Kg	☼	10/14/25 09:45	10/14/25 22:11	1
cis-1,3-Dichloropropene	0.0011	U	0.0011	0.00030	mg/Kg	☼	10/14/25 09:45	10/14/25 22:11	1
Cyclohexane	0.0011	U	0.0011	0.00024	mg/Kg	☼	10/14/25 09:45	10/14/25 22:11	1
Dichlorobromomethane	0.0011	U	0.0011	0.00028	mg/Kg	☼	10/14/25 09:45	10/14/25 22:11	1
Dichlorodifluoromethane	0.0011	U *	0.0011	0.00037	mg/Kg	☼	10/14/25 09:45	10/14/25 22:11	1
Ethylbenzene	0.0011	U	0.0011	0.00052	mg/Kg	☼	10/14/25 09:45	10/14/25 22:11	1
Ethylene Dibromide	0.0011	U	0.0011	0.00056	mg/Kg	☼	10/14/25 09:45	10/14/25 22:11	1
Isopropylbenzene	0.0011	U	0.0011	0.00031	mg/Kg	☼	10/14/25 09:45	10/14/25 22:11	1
Methyl acetate	0.0055	U	0.0055	0.0048	mg/Kg	☼	10/14/25 09:45	10/14/25 22:11	1
Methyl tert-butyl ether	0.0011	U	0.0011	0.00057	mg/Kg	☼	10/14/25 09:45	10/14/25 22:11	1
Methylcyclohexane	0.0011	U	0.0011	0.00055	mg/Kg	☼	10/14/25 09:45	10/14/25 22:11	1
Methylene Chloride	**0.0032**		0.0022	0.0013	mg/Kg	☼	10/14/25 09:45	10/14/25 22:11	1
m-Xylene & p-Xylene	0.0011	U	0.0011	0.00047	mg/Kg	☼	10/14/25 09:45	10/14/25 22:11	1
n-Butylbenzene	0.0011	U	0.0011	0.00032	mg/Kg	☼	10/14/25 09:45	10/14/25 22:11	1
N-Propylbenzene	0.0011	U	0.0011	0.00050	mg/Kg	☼	10/14/25 09:45	10/14/25 22:11	1
o-Xylene	0.0011	U	0.0011	0.00051	mg/Kg	☼	10/14/25 09:45	10/14/25 22:11	1
sec-Butylbenzene	0.0011	U	0.0011	0.00032	mg/Kg	☼	10/14/25 09:45	10/14/25 22:11	1
Styrene	0.0011	U	0.0011	0.00031	mg/Kg	☼	10/14/25 09:45	10/14/25 22:11	1
tert-Butylbenzene	0.0011	U	0.0011	0.00031	mg/Kg	☼	10/14/25 09:45	10/14/25 22:11	1
Tetrachloroethene	0.0011	U	0.0011	0.00034	mg/Kg	☼	10/14/25 09:45	10/14/25 22:11	1
Toluene	**0.00054**	**J**	0.0011	0.00026	mg/Kg	☼	10/14/25 09:45	10/14/25 22:11	1
trans-1,2-Dichloroethene	0.0011	U	0.0011	0.00027	mg/Kg	☼	10/14/25 09:45	10/14/25 22:11	1
trans-1,3-Dichloropropene	0.0011	U	0.0011	0.00029	mg/Kg	☼	10/14/25 09:45	10/14/25 22:11	1
Trichloroethene	0.0011	U	0.0011	0.00035	mg/Kg	☼	10/14/25 09:45	10/14/25 22:11	1
Trichlorofluoromethane	0.0011	U	0.0011	0.00045	mg/Kg	☼	10/14/25 09:45	10/14/25 22:11	1
Vinyl chloride	0.0011	U	0.0011	0.00060	mg/Kg	☼	10/14/25 09:45	10/14/25 22:11	1
Xylenes, Total	0.0022	U	0.0022	0.00019	mg/Kg	☼	10/14/25 09:45	10/14/25 22:11	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,2-Dichloroethane-d4 (Surr)	*85*		*65 - 138*	*10/14/25 09:45*	*10/14/25 22:11*	*1*
4-Bromofluorobenzene	*101*		*71 - 128*	*10/14/25 09:45*	*10/14/25 22:11*	*1*
Dibromofluoromethane (Surr)	*99*		*50 - 150*	*10/14/25 09:45*	*10/14/25 22:11*	*1*
Toluene-d8 (Surr)	*101*		*71 - 126*	*10/14/25 09:45*	*10/14/25 22:11*	*1*

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Percent Moisture (EPA Moisture)	**9.4**		1.0	1.0	%			10/15/25 19:49	1
Percent Solids (EPA Moisture)	**90.6**		1.0	1.0	%			10/15/25 19:49	1

Client: Haley & Aldrich, Inc.
Project/Site: Former Port Mobil

Job ID: 460-337049-1

Client Sample ID: 51B4_5-6
Date Collected: 10/10/25 08:45
Date Received: 10/10/25 17:30

Lab Sample ID: 460-337049-25
Matrix: Solid
Percent Solids: 92.4

Method: SW846 8260D - Volatile Organic Compounds by GC/MS

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1-Trichloroethane	0.0011	U	0.0011	0.00025	mg/Kg	☼	10/14/25 09:46	10/14/25 22:35	1
1,1,2,2-Tetrachloroethane	0.0011	U	0.0011	0.00055	mg/Kg	☼	10/14/25 09:46	10/14/25 22:35	1
1,1,2-Trichloro-1,2,2-trifluoroethane	0.0011	U	0.0011	0.00032	mg/Kg	☼	10/14/25 09:46	10/14/25 22:35	1
1,1,2-Trichloroethane	0.0011	U	0.0011	0.00063	mg/Kg	☼	10/14/25 09:46	10/14/25 22:35	1
1,1-Dichloroethane	0.0011	U	0.0011	0.00063	mg/Kg	☼	10/14/25 09:46	10/14/25 22:35	1
1,1-Dichloroethene	0.0011	U	0.0011	0.00024	mg/Kg	☼	10/14/25 09:46	10/14/25 22:35	1
1,2,3-Trichlorobenzene	0.0011	U	0.0011	0.00078	mg/Kg	☼	10/14/25 09:46	10/14/25 22:35	1
1,2,4-Trichlorobenzene	0.0011	U	0.0011	0.00038	mg/Kg	☼	10/14/25 09:46	10/14/25 22:35	1
1,2,4-Trimethylbenzene	0.0011	U	0.0011	0.00026	mg/Kg	☼	10/14/25 09:46	10/14/25 22:35	1
1,2-Dibromo-3-Chloropropane	0.0011	U	0.0011	0.00048	mg/Kg	☼	10/14/25 09:46	10/14/25 22:35	1
1,2-Dichlorobenzene	0.0011	U	0.0011	0.00038	mg/Kg	☼	10/14/25 09:46	10/14/25 22:35	1
1,2-Dichloroethane	0.0011	U	0.0011	0.00031	mg/Kg	☼	10/14/25 09:46	10/14/25 22:35	1
1,2-Dichloropropane	0.0011	U	0.0011	0.00045	mg/Kg	☼	10/14/25 09:46	10/14/25 22:35	1
1,3,5-Trimethylbenzene	0.0011	U	0.0011	0.00033	mg/Kg	☼	10/14/25 09:46	10/14/25 22:35	1
1,3-Dichlorobenzene	0.0011	U	0.0011	0.00038	mg/Kg	☼	10/14/25 09:46	10/14/25 22:35	1
1,4-Dichlorobenzene	0.0011	U	0.0011	0.00055	mg/Kg	☼	10/14/25 09:46	10/14/25 22:35	1
2-Butanone (MEK)	0.0053	U	0.0053	0.00039	mg/Kg	☼	10/14/25 09:46	10/14/25 22:35	1
2-Hexanone	0.0053	U	0.0053	0.0018	mg/Kg	☼	10/14/25 09:46	10/14/25 22:35	1
4-Methyl-2-pentanone (MIBK)	0.0053	U	0.0053	0.0016	mg/Kg	☼	10/14/25 09:46	10/14/25 22:35	1
Acetone	0.0063	U	0.0063	0.0060	mg/Kg	☼	10/14/25 09:46	10/14/25 22:35	1
Benzene	0.0011	U	0.0011	0.00060	mg/Kg	☼	10/14/25 09:46	10/14/25 22:35	1
Bromoform	0.0011	U	0.0011	0.00045	mg/Kg	☼	10/14/25 09:46	10/14/25 22:35	1
Bromomethane	0.0021	U	0.0021	0.0011	mg/Kg	☼	10/14/25 09:46	10/14/25 22:35	1
Carbon disulfide	0.0011	U	0.0011	0.00028	mg/Kg	☼	10/14/25 09:46	10/14/25 22:35	1
Carbon tetrachloride	0.0011	U	0.0011	0.00041	mg/Kg	☼	10/14/25 09:46	10/14/25 22:35	1
Chlorobenzene	0.0011	U	0.0011	0.00053	mg/Kg	☼	10/14/25 09:46	10/14/25 22:35	1
Chlorobromomethane	0.0011	U	0.0011	0.00063	mg/Kg	☼	10/14/25 09:46	10/14/25 22:35	1
Chlorodibromomethane	0.0011	U	0.0011	0.00057	mg/Kg	☼	10/14/25 09:46	10/14/25 22:35	1
Chloroethane	0.0011	U	0.0011	0.00055	mg/Kg	☼	10/14/25 09:46	10/14/25 22:35	1
Chloroform	0.0011	U	0.0011	0.0010	mg/Kg	☼	10/14/25 09:46	10/14/25 22:35	1
Chloromethane	0.0011	U	0.0011	0.00046	mg/Kg	☼	10/14/25 09:46	10/14/25 22:35	1
cis-1,2-Dichloroethene	0.0011	U	0.0011	0.00038	mg/Kg	☼	10/14/25 09:46	10/14/25 22:35	1
cis-1,3-Dichloropropene	0.0011	U	0.0011	0.00029	mg/Kg	☼	10/14/25 09:46	10/14/25 22:35	1
Cyclohexane	0.0011	U	0.0011	0.00023	mg/Kg	☼	10/14/25 09:46	10/14/25 22:35	1
Dichlorobromomethane	0.0011	U	0.0011	0.00027	mg/Kg	☼	10/14/25 09:46	10/14/25 22:35	1
Dichlorodifluoromethane	0.0011	U *	0.0011	0.00036	mg/Kg	☼	10/14/25 09:46	10/14/25 22:35	1
Ethylbenzene	0.0011	U	0.0011	0.00049	mg/Kg	☼	10/14/25 09:46	10/14/25 22:35	1
Ethylene Dibromide	0.0011	U	0.0011	0.00053	mg/Kg	☼	10/14/25 09:46	10/14/25 22:35	1
Isopropylbenzene	0.0011	U	0.0011	0.00030	mg/Kg	☼	10/14/25 09:46	10/14/25 22:35	1
Methyl acetate	0.0053	U	0.0053	0.0045	mg/Kg	☼	10/14/25 09:46	10/14/25 22:35	1
Methyl tert-butyl ether	0.0011	U	0.0011	0.00054	mg/Kg	☼	10/14/25 09:46	10/14/25 22:35	1
Methylcyclohexane	0.0011	U	0.0011	0.00053	mg/Kg	☼	10/14/25 09:46	10/14/25 22:35	1
Methylene Chloride	**0.0028**		0.0021	0.0012	mg/Kg	☼	10/14/25 09:46	10/14/25 22:35	1
m-Xylene & p-Xylene	0.0011	U	0.0011	0.00045	mg/Kg	☼	10/14/25 09:46	10/14/25 22:35	1
n-Butylbenzene	0.0011	U	0.0011	0.00031	mg/Kg	☼	10/14/25 09:46	10/14/25 22:35	1
N-Propylbenzene	0.0011	U	0.0011	0.00047	mg/Kg	☼	10/14/25 09:46	10/14/25 22:35	1
o-Xylene	0.0011	U	0.0011	0.00049	mg/Kg	☼	10/14/25 09:46	10/14/25 22:35	1
sec-Butylbenzene	0.0011	U	0.0011	0.00030	mg/Kg	☼	10/14/25 09:46	10/14/25 22:35	1
Styrene	0.0011	U	0.0011	0.00029	mg/Kg	☼	10/14/25 09:46	10/14/25 22:35	1

Client Sample ID: 51B4_5-6

Date Collected: 10/10/25 08:45
Date Received: 10/10/25 17:30

Lab Sample ID: 460-337049-25

Matrix: Solid
Percent Solids: 92.4

Method: SW846 8260D - Volatile Organic Compounds by GC/MS (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
tert-Butylbenzene	0.0011	U	0.0011	0.00029	mg/Kg	☼	10/14/25 09:46	10/14/25 22:35	1
Tetrachloroethene	0.0011	U	0.0011	0.00032	mg/Kg	☼	10/14/25 09:46	10/14/25 22:35	1
Toluene	**0.00063**	**J**	0.0011	0.00025	mg/Kg	☼	10/14/25 09:46	10/14/25 22:35	1
trans-1,2-Dichloroethene	0.0011	U	0.0011	0.00026	mg/Kg	☼	10/14/25 09:46	10/14/25 22:35	1
trans-1,3-Dichloropropene	0.0011	U	0.0011	0.00028	mg/Kg	☼	10/14/25 09:46	10/14/25 22:35	1
Trichloroethene	0.0011	U	0.0011	0.00034	mg/Kg	☼	10/14/25 09:46	10/14/25 22:35	1
Trichlorofluoromethane	0.0011	U	0.0011	0.00043	mg/Kg	☼	10/14/25 09:46	10/14/25 22:35	1
Vinyl chloride	0.0011	U	0.0011	0.00057	mg/Kg	☼	10/14/25 09:46	10/14/25 22:35	1
Xylenes, Total	0.0021	U	0.0021	0.00018	mg/Kg	☼	10/14/25 09:46	10/14/25 22:35	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,2-Dichloroethane-d4 (Surr)	*85*		*65 - 138*	*10/14/25 09:46*	*10/14/25 22:35*	*1*
4-Bromofluorobenzene	*92*		*71 - 128*	*10/14/25 09:46*	*10/14/25 22:35*	*1*
Dibromofluoromethane (Surr)	*96*		*50 - 150*	*10/14/25 09:46*	*10/14/25 22:35*	*1*
Toluene-d8 (Surr)	*98*		*71 - 126*	*10/14/25 09:46*	*10/14/25 22:35*	*1*

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Percent Moisture (EPA Moisture)	**7.6**		1.0	1.0	%			10/15/25 19:49	1
Percent Solids (EPA Moisture)	**92.4**		1.0	1.0	%			10/15/25 19:49	1

Client Sample ID: 51B5_7-8

Date Collected: 10/10/25 08:50
Date Received: 10/10/25 17:30

Lab Sample ID: 460-337049-26

Matrix: Solid
Percent Solids: 95.2

Method: SW846 8260D - Volatile Organic Compounds by GC/MS

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1-Trichloroethane	0.0012	U	0.0012	0.00027	mg/Kg	☼	10/14/25 09:46	10/14/25 22:59	1
1,1,2,2-Tetrachloroethane	0.0012	U	0.0012	0.00061	mg/Kg	☼	10/14/25 09:46	10/14/25 22:59	1
1,1,2-Trichloro-1,2,2-trifluoroethane	0.0012	U	0.0012	0.00035	mg/Kg	☼	10/14/25 09:46	10/14/25 22:59	1
1,1,2-Trichloroethane	0.0012	U	0.0012	0.00071	mg/Kg	☼	10/14/25 09:46	10/14/25 22:59	1
1,1-Dichloroethane	0.0012	U	0.0012	0.00070	mg/Kg	☼	10/14/25 09:46	10/14/25 22:59	1
1,1-Dichloroethene	0.0012	U	0.0012	0.00026	mg/Kg	☼	10/14/25 09:46	10/14/25 22:59	1
1,2,3-Trichlorobenzene	0.0012	U	0.0012	0.00087	mg/Kg	☼	10/14/25 09:46	10/14/25 22:59	1
1,2,4-Trichlorobenzene	0.0012	U	0.0012	0.00042	mg/Kg	☼	10/14/25 09:46	10/14/25 22:59	1
1,2,4-Trimethylbenzene	0.0012	U	0.0012	0.00029	mg/Kg	☼	10/14/25 09:46	10/14/25 22:59	1
1,2-Dibromo-3-Chloropropane	0.0012	U	0.0012	0.00054	mg/Kg	☼	10/14/25 09:46	10/14/25 22:59	1
1,2-Dichlorobenzene	0.0012	U	0.0012	0.00042	mg/Kg	☼	10/14/25 09:46	10/14/25 22:59	1
1,2-Dichloroethane	0.0012	U	0.0012	0.00035	mg/Kg	☼	10/14/25 09:46	10/14/25 22:59	1
1,2-Dichloropropane	0.0012	U	0.0012	0.00050	mg/Kg	☼	10/14/25 09:46	10/14/25 22:59	1
1,3,5-Trimethylbenzene	0.0012	U	0.0012	0.00037	mg/Kg	☼	10/14/25 09:46	10/14/25 22:59	1
1,3-Dichlorobenzene	0.0012	U	0.0012	0.00043	mg/Kg	☼	10/14/25 09:46	10/14/25 22:59	1
1,4-Dichlorobenzene	0.0012	U	0.0012	0.00061	mg/Kg	☼	10/14/25 09:46	10/14/25 22:59	1
2-Butanone (MEK)	**0.0076**		0.0059	0.00043	mg/Kg	☼	10/14/25 09:46	10/14/25 22:59	1
2-Hexanone	0.0059	U	0.0059	0.0020	mg/Kg	☼	10/14/25 09:46	10/14/25 22:59	1
4-Methyl-2-pentanone (MIBK)	0.0059	U	0.0059	0.0018	mg/Kg	☼	10/14/25 09:46	10/14/25 22:59	1
Acetone	**0.037**		0.0071	0.0067	mg/Kg	☼	10/14/25 09:46	10/14/25 22:59	1
Benzene	0.0012	U	0.0012	0.00067	mg/Kg	☼	10/14/25 09:46	10/14/25 22:59	1
Bromoform	0.0012	U	0.0012	0.00050	mg/Kg	☼	10/14/25 09:46	10/14/25 22:59	1
Bromomethane	0.0024	U	0.0024	0.0012	mg/Kg	☼	10/14/25 09:46	10/14/25 22:59	1

Client Sample ID: 51B5_7-8
Date Collected: 10/10/25 08:50
Date Received: 10/10/25 17:30

Lab Sample ID: 460-337049-26
Matrix: Solid
Percent Solids: 95.2

Method: SW846 8260D - Volatile Organic Compounds by GC/MS (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Carbon disulfide	0.0012	U	0.0012	0.00031	mg/Kg	☼	10/14/25 09:46	10/14/25 22:59	1
Carbon tetrachloride	0.0012	U	0.0012	0.00046	mg/Kg	☼	10/14/25 09:46	10/14/25 22:59	1
Chlorobenzene	0.0012	U	0.0012	0.00060	mg/Kg	☼	10/14/25 09:46	10/14/25 22:59	1
Chlorobromomethane	0.0012	U	0.0012	0.00070	mg/Kg	☼	10/14/25 09:46	10/14/25 22:59	1
Chlorodibromomethane	0.0012	U	0.0012	0.00063	mg/Kg	☼	10/14/25 09:46	10/14/25 22:59	1
Chloroethane	0.0012	U	0.0012	0.00061	mg/Kg	☼	10/14/25 09:46	10/14/25 22:59	1
Chloroform	0.0012	U	0.0012	0.0011	mg/Kg	☼	10/14/25 09:46	10/14/25 22:59	1
Chloromethane	0.0012	U	0.0012	0.00051	mg/Kg	☼	10/14/25 09:46	10/14/25 22:59	1
cis-1,2-Dichloroethene	0.0012	U	0.0012	0.00042	mg/Kg	☼	10/14/25 09:46	10/14/25 22:59	1
cis-1,3-Dichloropropene	0.0012	U	0.0012	0.00032	mg/Kg	☼	10/14/25 09:46	10/14/25 22:59	1
Cyclohexane	0.0012	U	0.0012	0.00026	mg/Kg	☼	10/14/25 09:46	10/14/25 22:59	1
Dichlorobromomethane	0.0012	U	0.0012	0.00030	mg/Kg	☼	10/14/25 09:46	10/14/25 22:59	1
Dichlorodifluoromethane	0.0012	U *	0.0012	0.00040	mg/Kg	☼	10/14/25 09:46	10/14/25 22:59	1
Ethylbenzene	0.0012	U	0.0012	0.00055	mg/Kg	☼	10/14/25 09:46	10/14/25 22:59	1
Ethylene Dibromide	0.0012	U	0.0012	0.00059	mg/Kg	☼	10/14/25 09:46	10/14/25 22:59	1
Isopropylbenzene	0.0012	U	0.0012	0.00034	mg/Kg	☼	10/14/25 09:46	10/14/25 22:59	1
Methyl acetate	0.0059	U	0.0059	0.0051	mg/Kg	☼	10/14/25 09:46	10/14/25 22:59	1
Methyl tert-butyl ether	0.0012	U	0.0012	0.00060	mg/Kg	☼	10/14/25 09:46	10/14/25 22:59	1
Methylcyclohexane	0.0012	U	0.0012	0.00059	mg/Kg	☼	10/14/25 09:46	10/14/25 22:59	1
Methylene Chloride	0.0024	U	0.0024	0.0013	mg/Kg	☼	10/14/25 09:46	10/14/25 22:59	1
m-Xylene & p-Xylene	0.0012	U	0.0012	0.00050	mg/Kg	☼	10/14/25 09:46	10/14/25 22:59	1
n-Butylbenzene	0.0012	U	0.0012	0.00035	mg/Kg	☼	10/14/25 09:46	10/14/25 22:59	1
N-Propylbenzene	0.0012	U	0.0012	0.00053	mg/Kg	☼	10/14/25 09:46	10/14/25 22:59	1
o-Xylene	0.0012	U	0.0012	0.00054	mg/Kg	☼	10/14/25 09:46	10/14/25 22:59	1
sec-Butylbenzene	0.0012	U	0.0012	0.00034	mg/Kg	☼	10/14/25 09:46	10/14/25 22:59	1
Styrene	0.0012	U	0.0012	0.00033	mg/Kg	☼	10/14/25 09:46	10/14/25 22:59	1
tert-Butylbenzene	0.0012	U	0.0012	0.00032	mg/Kg	☼	10/14/25 09:46	10/14/25 22:59	1
Tetrachloroethene	0.0012	U	0.0012	0.00036	mg/Kg	☼	10/14/25 09:46	10/14/25 22:59	1
Toluene	0.0012	U	0.0012	0.00028	mg/Kg	☼	10/14/25 09:46	10/14/25 22:59	1
trans-1,2-Dichloroethene	0.0012	U	0.0012	0.00029	mg/Kg	☼	10/14/25 09:46	10/14/25 22:59	1
trans-1,3-Dichloropropene	0.0012	U	0.0012	0.00031	mg/Kg	☼	10/14/25 09:46	10/14/25 22:59	1
Trichloroethene	0.0012	U	0.0012	0.00038	mg/Kg	☼	10/14/25 09:46	10/14/25 22:59	1
Trichlorofluoromethane	0.0012	U	0.0012	0.00048	mg/Kg	☼	10/14/25 09:46	10/14/25 22:59	1
Vinyl chloride	0.0012	U	0.0012	0.00064	mg/Kg	☼	10/14/25 09:46	10/14/25 22:59	1
Xylenes, Total	0.0024	U	0.0024	0.00020	mg/Kg	☼	10/14/25 09:46	10/14/25 22:59	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,2-Dichloroethane-d4 (Surr)	*88*		*65 - 138*	*10/14/25 09:46*	*10/14/25 22:59*	*1*
4-Bromofluorobenzene	*108*		*71 - 128*	*10/14/25 09:46*	*10/14/25 22:59*	*1*
Dibromofluoromethane (Surr)	*99*		*50 - 150*	*10/14/25 09:46*	*10/14/25 22:59*	*1*
Toluene-d8 (Surr)	*104*		*71 - 126*	*10/14/25 09:46*	*10/14/25 22:59*	*1*

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Percent Moisture (EPA Moisture)	**4.8**		1.0	1.0	%			10/15/25 19:49	1
Percent Solids (EPA Moisture)	**95.2**		1.0	1.0	%			10/15/25 19:49	1

Client: Haley & Aldrich, Inc.
Project/Site: Former Port Mobil

Job ID: 460-337049-1

Client Sample ID: 51B1_5-6
Date Collected: 10/10/25 08:55
Date Received: 10/10/25 17:30

Lab Sample ID: 460-337049-27
Matrix: Solid
Percent Solids: 96.1

Method: SW846 8260D - Volatile Organic Compounds by GC/MS

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1-Trichloroethane	0.0013	U	0.0013	0.00029	mg/Kg	☼	10/14/25 09:46	10/14/25 23:23	1
1,1,2,2-Tetrachloroethane	0.0013	U	0.0013	0.00065	mg/Kg	☼	10/14/25 09:46	10/14/25 23:23	1
1,1,2-Trichloro-1,2,2-trifluoroethane	0.0013	U	0.0013	0.00038	mg/Kg	☼	10/14/25 09:46	10/14/25 23:23	1
1,1,2-Trichloroethane	0.0013	U	0.0013	0.00075	mg/Kg	☼	10/14/25 09:46	10/14/25 23:23	1
1,1-Dichloroethane	0.0013	U	0.0013	0.00075	mg/Kg	☼	10/14/25 09:46	10/14/25 23:23	1
1,1-Dichloroethene	0.0013	U	0.0013	0.00028	mg/Kg	☼	10/14/25 09:46	10/14/25 23:23	1
1,2,3-Trichlorobenzene	0.0013	U	0.0013	0.00092	mg/Kg	☼	10/14/25 09:46	10/14/25 23:23	1
1,2,4-Trichlorobenzene	0.0013	U	0.0013	0.00045	mg/Kg	☼	10/14/25 09:46	10/14/25 23:23	1
1,2,4-Trimethylbenzene	0.0013	U	0.0013	0.00031	mg/Kg	☼	10/14/25 09:46	10/14/25 23:23	1
1,2-Dibromo-3-Chloropropane	0.0013	U	0.0013	0.00058	mg/Kg	☼	10/14/25 09:46	10/14/25 23:23	1
1,2-Dichlorobenzene	0.0013	U	0.0013	0.00045	mg/Kg	☼	10/14/25 09:46	10/14/25 23:23	1
1,2-Dichloroethane	0.0013	U	0.0013	0.00037	mg/Kg	☼	10/14/25 09:46	10/14/25 23:23	1
1,2-Dichloropropane	0.0013	U	0.0013	0.00053	mg/Kg	☼	10/14/25 09:46	10/14/25 23:23	1
1,3,5-Trimethylbenzene	0.0013	U	0.0013	0.00039	mg/Kg	☼	10/14/25 09:46	10/14/25 23:23	1
1,3-Dichlorobenzene	0.0013	U	0.0013	0.00046	mg/Kg	☼	10/14/25 09:46	10/14/25 23:23	1
1,4-Dichlorobenzene	0.0013	U	0.0013	0.00065	mg/Kg	☼	10/14/25 09:46	10/14/25 23:23	1
2-Butanone (MEK)	0.0063	U	0.0063	0.00046	mg/Kg	☼	10/14/25 09:46	10/14/25 23:23	1
2-Hexanone	0.0063	U	0.0063	0.0021	mg/Kg	☼	10/14/25 09:46	10/14/25 23:23	1
4-Methyl-2-pentanone (MIBK)	0.0063	U	0.0063	0.0019	mg/Kg	☼	10/14/25 09:46	10/14/25 23:23	1
Acetone	0.0075	U	0.0075	0.0072	mg/Kg	☼	10/14/25 09:46	10/14/25 23:23	1
Benzene	0.0013	U	0.0013	0.00071	mg/Kg	☼	10/14/25 09:46	10/14/25 23:23	1
Bromoform	0.0013	U	0.0013	0.00053	mg/Kg	☼	10/14/25 09:46	10/14/25 23:23	1
Bromomethane	0.0025	U	0.0025	0.0013	mg/Kg	☼	10/14/25 09:46	10/14/25 23:23	1
Carbon disulfide	0.0013	U	0.0013	0.00033	mg/Kg	☼	10/14/25 09:46	10/14/25 23:23	1
Carbon tetrachloride	0.0013	U	0.0013	0.00048	mg/Kg	☼	10/14/25 09:46	10/14/25 23:23	1
Chlorobenzene	0.0013	U	0.0013	0.00063	mg/Kg	☼	10/14/25 09:46	10/14/25 23:23	1
Chlorobromomethane	0.0013	U	0.0013	0.00075	mg/Kg	☼	10/14/25 09:46	10/14/25 23:23	1
Chlorodibromomethane	0.0013	U	0.0013	0.00067	mg/Kg	☼	10/14/25 09:46	10/14/25 23:23	1
Chloroethane	0.0013	U	0.0013	0.00065	mg/Kg	☼	10/14/25 09:46	10/14/25 23:23	1
Chloroform	0.0013	U	0.0013	0.0012	mg/Kg	☼	10/14/25 09:46	10/14/25 23:23	1
Chloromethane	0.0013	U	0.0013	0.00054	mg/Kg	☼	10/14/25 09:46	10/14/25 23:23	1
cis-1,2-Dichloroethene	0.0013	U	0.0013	0.00045	mg/Kg	☼	10/14/25 09:46	10/14/25 23:23	1
cis-1,3-Dichloropropene	0.0013	U	0.0013	0.00034	mg/Kg	☼	10/14/25 09:46	10/14/25 23:23	1
Cyclohexane	0.0013	U	0.0013	0.00028	mg/Kg	☼	10/14/25 09:46	10/14/25 23:23	1
Dichlorobromomethane	0.0013	U	0.0013	0.00032	mg/Kg	☼	10/14/25 09:46	10/14/25 23:23	1
Dichlorodifluoromethane	0.0013	U *	0.0013	0.00042	mg/Kg	☼	10/14/25 09:46	10/14/25 23:23	1
Ethylbenzene	0.0013	U	0.0013	0.00059	mg/Kg	☼	10/14/25 09:46	10/14/25 23:23	1
Ethylene Dibromide	0.0013	U	0.0013	0.00063	mg/Kg	☼	10/14/25 09:46	10/14/25 23:23	1
Isopropylbenzene	0.0013	U	0.0013	0.00036	mg/Kg	☼	10/14/25 09:46	10/14/25 23:23	1
Methyl acetate	**0.0061**	**J**	0.0063	0.0054	mg/Kg	☼	10/14/25 09:46	10/14/25 23:23	1
Methyl tert-butyl ether	0.0013	U	0.0013	0.00064	mg/Kg	☼	10/14/25 09:46	10/14/25 23:23	1
Methylcyclohexane	0.0013	U	0.0013	0.00062	mg/Kg	☼	10/14/25 09:46	10/14/25 23:23	1
Methylene Chloride	**0.0041**		0.0025	0.0014	mg/Kg	☼	10/14/25 09:46	10/14/25 23:23	1
m-Xylene & p-Xylene	0.0013	U	0.0013	0.00053	mg/Kg	☼	10/14/25 09:46	10/14/25 23:23	1
n-Butylbenzene	0.0013	U	0.0013	0.00037	mg/Kg	☼	10/14/25 09:46	10/14/25 23:23	1
N-Propylbenzene	0.0013	U	0.0013	0.00056	mg/Kg	☼	10/14/25 09:46	10/14/25 23:23	1
o-Xylene	0.0013	U	0.0013	0.00058	mg/Kg	☼	10/14/25 09:46	10/14/25 23:23	1
sec-Butylbenzene	0.0013	U	0.0013	0.00036	mg/Kg	☼	10/14/25 09:46	10/14/25 23:23	1
Styrene	0.0013	U	0.0013	0.00035	mg/Kg	☼	10/14/25 09:46	10/14/25 23:23	1

Client Sample ID: 51B1_5-6

Lab Sample ID: 460-337049-27

Date Collected: 10/10/25 08:55
Matrix: Solid
Date Received: 10/10/25 17:30
Percent Solids: 96.1

Method: SW846 8260D - Volatile Organic Compounds by GC/MS (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
tert-Butylbenzene	0.0013	U	0.0013	0.00035	mg/Kg	☼	10/14/25 09:46	10/14/25 23:23	1
Tetrachloroethene	0.0013	U	0.0013	0.00038	mg/Kg	☼	10/14/25 09:46	10/14/25 23:23	1
Toluene	0.0013	U	0.0013	0.00029	mg/Kg	☼	10/14/25 09:46	10/14/25 23:23	1
trans-1,2-Dichloroethene	0.0013	U	0.0013	0.00031	mg/Kg	☼	10/14/25 09:46	10/14/25 23:23	1
trans-1,3-Dichloropropene	0.0013	U	0.0013	0.00033	mg/Kg	☼	10/14/25 09:46	10/14/25 23:23	1
Trichloroethene	0.0013	U	0.0013	0.00040	mg/Kg	☼	10/14/25 09:46	10/14/25 23:23	1
Trichlorofluoromethane	0.0013	U	0.0013	0.00051	mg/Kg	☼	10/14/25 09:46	10/14/25 23:23	1
Vinyl chloride	0.0013	U	0.0013	0.00068	mg/Kg	☼	10/14/25 09:46	10/14/25 23:23	1
Xylenes, Total	0.0025	U	0.0025	0.00022	mg/Kg	☼	10/14/25 09:46	10/14/25 23:23	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,2-Dichloroethane-d4 (Surr)	*88*		*65 - 138*	*10/14/25 09:46*	*10/14/25 23:23*	*1*
4-Bromofluorobenzene	*101*		*71 - 128*	*10/14/25 09:46*	*10/14/25 23:23*	*1*
Dibromofluoromethane (Surr)	*98*		*50 - 150*	*10/14/25 09:46*	*10/14/25 23:23*	*1*
Toluene-d8 (Surr)	*100*		*71 - 126*	*10/14/25 09:46*	*10/14/25 23:23*	*1*

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Percent Moisture (EPA Moisture)	**3.9**		1.0	1.0	%			10/15/25 19:49	1
Percent Solids (EPA Moisture)	**96.1**		1.0	1.0	%			10/15/25 19:49	1

Client Sample ID: 51B3_6-7

Lab Sample ID: 460-337049-28

Date Collected: 10/10/25 09:00
Matrix: Solid
Date Received: 10/10/25 17:30
Percent Solids: 98.2

Method: SW846 8260D - Volatile Organic Compounds by GC/MS

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1-Trichloroethane	0.0010	U	0.0010	0.00024	mg/Kg	☼	10/14/25 09:47	10/14/25 23:47	1
1,1,2,2-Tetrachloroethane	0.0010	U	0.0010	0.00053	mg/Kg	☼	10/14/25 09:47	10/14/25 23:47	1
1,1,2-Trichloro-1,2,2-trifluoroethane	0.0010	U	0.0010	0.00031	mg/Kg	☼	10/14/25 09:47	10/14/25 23:47	1
1,1,2-Trichloroethane	0.0010	U	0.0010	0.00061	mg/Kg	☼	10/14/25 09:47	10/14/25 23:47	1
1,1-Dichloroethane	0.0010	U	0.0010	0.00061	mg/Kg	☼	10/14/25 09:47	10/14/25 23:47	1
1,1-Dichloroethene	0.0010	U	0.0010	0.00023	mg/Kg	☼	10/14/25 09:47	10/14/25 23:47	1
1,2,3-Trichlorobenzene	0.0010	U	0.0010	0.00075	mg/Kg	☼	10/14/25 09:47	10/14/25 23:47	1
1,2,4-Trichlorobenzene	0.0010	U	0.0010	0.00036	mg/Kg	☼	10/14/25 09:47	10/14/25 23:47	1
1,2,4-Trimethylbenzene	0.0010	U	0.0010	0.00025	mg/Kg	☼	10/14/25 09:47	10/14/25 23:47	1
1,2-Dibromo-3-Chloropropane	0.0010	U	0.0010	0.00047	mg/Kg	☼	10/14/25 09:47	10/14/25 23:47	1
1,2-Dichlorobenzene	0.0010	U	0.0010	0.00037	mg/Kg	☼	10/14/25 09:47	10/14/25 23:47	1
1,2-Dichloroethane	0.0010	U	0.0010	0.00030	mg/Kg	☼	10/14/25 09:47	10/14/25 23:47	1
1,2-Dichloropropane	0.0010	U	0.0010	0.00043	mg/Kg	☼	10/14/25 09:47	10/14/25 23:47	1
1,3,5-Trimethylbenzene	0.0010	U	0.0010	0.00032	mg/Kg	☼	10/14/25 09:47	10/14/25 23:47	1
1,3-Dichlorobenzene	0.0010	U	0.0010	0.00037	mg/Kg	☼	10/14/25 09:47	10/14/25 23:47	1
1,4-Dichlorobenzene	0.0010	U	0.0010	0.00053	mg/Kg	☼	10/14/25 09:47	10/14/25 23:47	1
2-Butanone (MEK)	0.0051	U	0.0051	0.00037	mg/Kg	☼	10/14/25 09:47	10/14/25 23:47	1
2-Hexanone	0.0051	U	0.0051	0.0017	mg/Kg	☼	10/14/25 09:47	10/14/25 23:47	1
4-Methyl-2-pentanone (MIBK)	0.0051	U	0.0051	0.0016	mg/Kg	☼	10/14/25 09:47	10/14/25 23:47	1
Acetone	0.0061	U	0.0061	0.0058	mg/Kg	☼	10/14/25 09:47	10/14/25 23:47	1
Benzene	0.0010	U	0.0010	0.00058	mg/Kg	☼	10/14/25 09:47	10/14/25 23:47	1
Bromoform	0.0010	U	0.0010	0.00043	mg/Kg	☼	10/14/25 09:47	10/14/25 23:47	1
Bromomethane	0.0020	U	0.0020	0.0010	mg/Kg	☼	10/14/25 09:47	10/14/25 23:47	1

Client Sample ID: 51B3_6-7
Date Collected: 10/10/25 09:00
Date Received: 10/10/25 17:30

Lab Sample ID: 460-337049-28
Matrix: Solid
Percent Solids: 98.2

Method: SW846 8260D - Volatile Organic Compounds by GC/MS (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Carbon disulfide	0.0010	U	0.0010	0.00027	mg/Kg	☼	10/14/25 09:47	10/14/25 23:47	1
Carbon tetrachloride	0.0010	U	0.0010	0.00039	mg/Kg	☼	10/14/25 09:47	10/14/25 23:47	1
Chlorobenzene	0.0010	U	0.0010	0.00052	mg/Kg	☼	10/14/25 09:47	10/14/25 23:47	1
Chlorobromomethane	0.0010	U	0.0010	0.00061	mg/Kg	☼	10/14/25 09:47	10/14/25 23:47	1
Chlorodibromomethane	0.0010	U	0.0010	0.00055	mg/Kg	☼	10/14/25 09:47	10/14/25 23:47	1
Chloroethane	0.0010	U	0.0010	0.00053	mg/Kg	☼	10/14/25 09:47	10/14/25 23:47	1
Chloroform	0.0010	U	0.0010	0.00099	mg/Kg	☼	10/14/25 09:47	10/14/25 23:47	1
Chloromethane	0.0010	U	0.0010	0.00044	mg/Kg	☼	10/14/25 09:47	10/14/25 23:47	1
cis-1,2-Dichloroethene	0.0010	U	0.0010	0.00036	mg/Kg	☼	10/14/25 09:47	10/14/25 23:47	1
cis-1,3-Dichloropropene	0.0010	U	0.0010	0.00028	mg/Kg	☼	10/14/25 09:47	10/14/25 23:47	1
Cyclohexane	0.0010	U	0.0010	0.00022	mg/Kg	☼	10/14/25 09:47	10/14/25 23:47	1
Dichlorobromomethane	0.0010	U	0.0010	0.00026	mg/Kg	☼	10/14/25 09:47	10/14/25 23:47	1
Dichlorodifluoromethane	0.0010	U *	0.0010	0.00034	mg/Kg	☼	10/14/25 09:47	10/14/25 23:47	1
Ethylbenzene	0.0010	U	0.0010	0.00048	mg/Kg	☼	10/14/25 09:47	10/14/25 23:47	1
Ethylene Dibromide	0.0010	U	0.0010	0.00051	mg/Kg	☼	10/14/25 09:47	10/14/25 23:47	1
Isopropylbenzene	0.0010	U	0.0010	0.00029	mg/Kg	☼	10/14/25 09:47	10/14/25 23:47	1
Methyl acetate	0.0051	U	0.0051	0.0044	mg/Kg	☼	10/14/25 09:47	10/14/25 23:47	1
Methyl tert-butyl ether	0.0010	U	0.0010	0.00052	mg/Kg	☼	10/14/25 09:47	10/14/25 23:47	1
Methylcyclohexane	0.0010	U	0.0010	0.00051	mg/Kg	☼	10/14/25 09:47	10/14/25 23:47	1
Methylene Chloride	**0.0024**		0.0020	0.0012	mg/Kg	☼	10/14/25 09:47	10/14/25 23:47	1
m-Xylene & p-Xylene	0.0010	U	0.0010	0.00043	mg/Kg	☼	10/14/25 09:47	10/14/25 23:47	1
n-Butylbenzene	0.0010	U	0.0010	0.00030	mg/Kg	☼	10/14/25 09:47	10/14/25 23:47	1
N-Propylbenzene	0.0010	U	0.0010	0.00046	mg/Kg	☼	10/14/25 09:47	10/14/25 23:47	1
o-Xylene	0.0010	U	0.0010	0.00047	mg/Kg	☼	10/14/25 09:47	10/14/25 23:47	1
sec-Butylbenzene	0.0010	U	0.0010	0.00029	mg/Kg	☼	10/14/25 09:47	10/14/25 23:47	1
Styrene	0.0010	U	0.0010	0.00028	mg/Kg	☼	10/14/25 09:47	10/14/25 23:47	1
tert-Butylbenzene	0.0010	U	0.0010	0.00028	mg/Kg	☼	10/14/25 09:47	10/14/25 23:47	1
Tetrachloroethene	0.0010	U	0.0010	0.00031	mg/Kg	☼	10/14/25 09:47	10/14/25 23:47	1
Toluene	**0.00062**	**J**	0.0010	0.00024	mg/Kg	☼	10/14/25 09:47	10/14/25 23:47	1
trans-1,2-Dichloroethene	0.0010	U	0.0010	0.00025	mg/Kg	☼	10/14/25 09:47	10/14/25 23:47	1
trans-1,3-Dichloropropene	0.0010	U	0.0010	0.00027	mg/Kg	☼	10/14/25 09:47	10/14/25 23:47	1
Trichloroethene	0.0010	U	0.0010	0.00033	mg/Kg	☼	10/14/25 09:47	10/14/25 23:47	1
Trichlorofluoromethane	0.0010	U	0.0010	0.00041	mg/Kg	☼	10/14/25 09:47	10/14/25 23:47	1
Vinyl chloride	0.0010	U	0.0010	0.00056	mg/Kg	☼	10/14/25 09:47	10/14/25 23:47	1
Xylenes, Total	0.0020	U	0.0020	0.00018	mg/Kg	☼	10/14/25 09:47	10/14/25 23:47	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,2-Dichloroethane-d4 (Surr)	*87*		*65 - 138*	*10/14/25 09:47*	*10/14/25 23:47*	*1*
4-Bromofluorobenzene	*101*		*71 - 128*	*10/14/25 09:47*	*10/14/25 23:47*	*1*
Dibromofluoromethane (Surr)	*99*		*50 - 150*	*10/14/25 09:47*	*10/14/25 23:47*	*1*
Toluene-d8 (Surr)	*102*		*71 - 126*	*10/14/25 09:47*	*10/14/25 23:47*	*1*

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Percent Moisture (EPA Moisture)	**1.8**		1.0	1.0	%			10/15/25 19:49	1
Percent Solids (EPA Moisture)	**98.2**		1.0	1.0	%			10/15/25 19:49	1

Client Sample ID: 52A1_1-2
Date Collected: 10/10/25 09:15
Date Received: 10/10/25 17:30

Lab Sample ID: 460-337049-29
Matrix: Solid
Percent Solids: 99.0

Method: SW846 8260D - Volatile Organic Compounds by GC/MS

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1-Trichloroethane	0.00091	U	0.00091	0.00021	mg/Kg	☼	10/14/25 09:47	10/15/25 00:12	1
1,1,2,2-Tetrachloroethane	0.00091	U	0.00091	0.00048	mg/Kg	☼	10/14/25 09:47	10/15/25 00:12	1
1,1,2-Trichloro-1,2,2-trifluoroethane	0.00091	U	0.00091	0.00028	mg/Kg	☼	10/14/25 09:47	10/15/25 00:12	1
1,1,2-Trichloroethane	0.00091	U	0.00091	0.00055	mg/Kg	☼	10/14/25 09:47	10/15/25 00:12	1
1,1-Dichloroethane	0.00091	U	0.00091	0.00055	mg/Kg	☼	10/14/25 09:47	10/15/25 00:12	1
1,1-Dichloroethene	0.00091	U	0.00091	0.00021	mg/Kg	☼	10/14/25 09:47	10/15/25 00:12	1
1,2,3-Trichlorobenzene	0.00091	U	0.00091	0.00068	mg/Kg	☼	10/14/25 09:47	10/15/25 00:12	1
1,2,4-Trichlorobenzene	0.00091	U	0.00091	0.00033	mg/Kg	☼	10/14/25 09:47	10/15/25 00:12	1
1,2,4-Trimethylbenzene	0.00091	U	0.00091	0.00023	mg/Kg	☼	10/14/25 09:47	10/15/25 00:12	1
1,2-Dibromo-3-Chloropropane	0.00091	U	0.00091	0.00042	mg/Kg	☼	10/14/25 09:47	10/15/25 00:12	1
1,2-Dichlorobenzene	0.00091	U	0.00091	0.00033	mg/Kg	☼	10/14/25 09:47	10/15/25 00:12	1
1,2-Dichloroethane	0.00091	U	0.00091	0.00027	mg/Kg	☼	10/14/25 09:47	10/15/25 00:12	1
1,2-Dichloropropane	0.00091	U	0.00091	0.00039	mg/Kg	☼	10/14/25 09:47	10/15/25 00:12	1
1,3,5-Trimethylbenzene	0.00091	U	0.00091	0.00029	mg/Kg	☼	10/14/25 09:47	10/15/25 00:12	1
1,3-Dichlorobenzene	0.00091	U	0.00091	0.00033	mg/Kg	☼	10/14/25 09:47	10/15/25 00:12	1
1,4-Dichlorobenzene	0.00091	U	0.00091	0.00047	mg/Kg	☼	10/14/25 09:47	10/15/25 00:12	1
2-Butanone (MEK)	0.0046	U	0.0046	0.00034	mg/Kg	☼	10/14/25 09:47	10/15/25 00:12	1
2-Hexanone	0.0046	U	0.0046	0.0016	mg/Kg	☼	10/14/25 09:47	10/15/25 00:12	1
4-Methyl-2-pentanone (MIBK)	0.0046	U	0.0046	0.0014	mg/Kg	☼	10/14/25 09:47	10/15/25 00:12	1
Acetone	0.0055	U	0.0055	0.0052	mg/Kg	☼	10/14/25 09:47	10/15/25 00:12	1
Benzene	0.00091	U	0.00091	0.00052	mg/Kg	☼	10/14/25 09:47	10/15/25 00:12	1
Bromoform	0.00091	U	0.00091	0.00039	mg/Kg	☼	10/14/25 09:47	10/15/25 00:12	1
Bromomethane	0.0018	U	0.0018	0.00091	mg/Kg	☼	10/14/25 09:47	10/15/25 00:12	1
Carbon disulfide	0.00091	U	0.00091	0.00024	mg/Kg	☼	10/14/25 09:47	10/15/25 00:12	1
Carbon tetrachloride	0.00091	U	0.00091	0.00035	mg/Kg	☼	10/14/25 09:47	10/15/25 00:12	1
Chlorobenzene	0.00091	U	0.00091	0.00046	mg/Kg	☼	10/14/25 09:47	10/15/25 00:12	1
Chlorobromomethane	0.00091	U	0.00091	0.00055	mg/Kg	☼	10/14/25 09:47	10/15/25 00:12	1
Chlorodibromomethane	0.00091	U	0.00091	0.00049	mg/Kg	☼	10/14/25 09:47	10/15/25 00:12	1
Chloroethane	0.00091	U	0.00091	0.00048	mg/Kg	☼	10/14/25 09:47	10/15/25 00:12	1
Chloroform	0.00091	U	0.00091	0.00089	mg/Kg	☼	10/14/25 09:47	10/15/25 00:12	1
Chloromethane	0.00091	U	0.00091	0.00040	mg/Kg	☼	10/14/25 09:47	10/15/25 00:12	1
cis-1,2-Dichloroethene	0.00091	U	0.00091	0.00033	mg/Kg	☼	10/14/25 09:47	10/15/25 00:12	1
cis-1,3-Dichloropropene	0.00091	U	0.00091	0.00025	mg/Kg	☼	10/14/25 09:47	10/15/25 00:12	1
Cyclohexane	0.00091	U	0.00091	0.00020	mg/Kg	☼	10/14/25 09:47	10/15/25 00:12	1
Dichlorobromomethane	0.00091	U	0.00091	0.00024	mg/Kg	☼	10/14/25 09:47	10/15/25 00:12	1
Dichlorodifluoromethane	0.00091	U *	0.00091	0.00031	mg/Kg	☼	10/14/25 09:47	10/15/25 00:12	1
Ethylbenzene	0.00091	U	0.00091	0.00043	mg/Kg	☼	10/14/25 09:47	10/15/25 00:12	1
Ethylene Dibromide	0.00091	U	0.00091	0.00046	mg/Kg	☼	10/14/25 09:47	10/15/25 00:12	1
Isopropylbenzene	0.00091	U	0.00091	0.00026	mg/Kg	☼	10/14/25 09:47	10/15/25 00:12	1
Methyl acetate	0.0046	U	0.0046	0.0039	mg/Kg	☼	10/14/25 09:47	10/15/25 00:12	1
Methyl tert-butyl ether	0.00091	U	0.00091	0.00047	mg/Kg	☼	10/14/25 09:47	10/15/25 00:12	1
Methylcyclohexane	0.00091	U	0.00091	0.00046	mg/Kg	☼	10/14/25 09:47	10/15/25 00:12	1
Methylene Chloride	0.0018	U	0.0018	0.0010	mg/Kg	☼	10/14/25 09:47	10/15/25 00:12	1
m-Xylene & p-Xylene	0.00091	U	0.00091	0.00039	mg/Kg	☼	10/14/25 09:47	10/15/25 00:12	1
n-Butylbenzene	0.00091	U	0.00091	0.00027	mg/Kg	☼	10/14/25 09:47	10/15/25 00:12	1
N-Propylbenzene	0.00091	U	0.00091	0.00041	mg/Kg	☼	10/14/25 09:47	10/15/25 00:12	1
o-Xylene	0.00091	U	0.00091	0.00042	mg/Kg	☼	10/14/25 09:47	10/15/25 00:12	1
sec-Butylbenzene	0.00091	U	0.00091	0.00026	mg/Kg	☼	10/14/25 09:47	10/15/25 00:12	1
Styrene	0.00091	U	0.00091	0.00025	mg/Kg	☼	10/14/25 09:47	10/15/25 00:12	1

Client Sample ID: 52A1_1-2

Date Collected: 10/10/25 09:15
Date Received: 10/10/25 17:30

Lab Sample ID: 460-337049-29
Matrix: Solid
Percent Solids: 99.0

Method: SW846 8260D - Volatile Organic Compounds by GC/MS (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
tert-Butylbenzene	0.00091	U	0.00091	0.00025	mg/Kg	☼	10/14/25 09:47	10/15/25 00:12	1
Tetrachloroethene	0.00091	U	0.00091	0.00028	mg/Kg	☼	10/14/25 09:47	10/15/25 00:12	1
Toluene	0.00091	U	0.00091	0.00021	mg/Kg	☼	10/14/25 09:47	10/15/25 00:12	1
trans-1,2-Dichloroethene	0.00091	U	0.00091	0.00023	mg/Kg	☼	10/14/25 09:47	10/15/25 00:12	1
trans-1,3-Dichloropropene	0.00091	U	0.00091	0.00024	mg/Kg	☼	10/14/25 09:47	10/15/25 00:12	1
Trichloroethene	0.00091	U	0.00091	0.00029	mg/Kg	☼	10/14/25 09:47	10/15/25 00:12	1
Trichlorofluoromethane	0.00091	U	0.00091	0.00037	mg/Kg	☼	10/14/25 09:47	10/15/25 00:12	1
Vinyl chloride	0.00091	U	0.00091	0.00050	mg/Kg	☼	10/14/25 09:47	10/15/25 00:12	1
Xylenes, Total	0.0018	U	0.0018	0.00016	mg/Kg	☼	10/14/25 09:47	10/15/25 00:12	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,2-Dichloroethane-d4 (Surr)	*85*		*65 - 138*	*10/14/25 09:47*	*10/15/25 00:12*	*1*
4-Bromofluorobenzene	*93*		*71 - 128*	*10/14/25 09:47*	*10/15/25 00:12*	*1*
Dibromofluoromethane (Surr)	*98*		*50 - 150*	*10/14/25 09:47*	*10/15/25 00:12*	*1*
Toluene-d8 (Surr)	*99*		*71 - 126*	*10/14/25 09:47*	*10/15/25 00:12*	*1*

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Percent Moisture (EPA Moisture)	**1**		1.0	1.0	%			10/15/25 19:49	1
Percent Solids (EPA Moisture)	**99.0**		1.0	1.0	%			10/15/25 19:49	1

Client Sample ID: 52A2_3-4

Date Collected: 10/10/25 09:20
Date Received: 10/10/25 17:30

Lab Sample ID: 460-337049-30
Matrix: Solid
Percent Solids: 98.7

Method: SW846 8260D - Volatile Organic Compounds by GC/MS

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1-Trichloroethane	0.0015	U	0.0015	0.00034	mg/Kg	☼	10/14/25 09:48	10/15/25 00:36	1
1,1,2,2-Tetrachloroethane	0.0015	U	0.0015	0.00077	mg/Kg	☼	10/14/25 09:48	10/15/25 00:36	1
1,1,2-Trichloro-1,2,2-trifluoroethane	0.0015	U	0.0015	0.00044	mg/Kg	☼	10/14/25 09:48	10/15/25 00:36	1
1,1,2-Trichloroethane	0.0015	U	0.0015	0.00089	mg/Kg	☼	10/14/25 09:48	10/15/25 00:36	1
1,1-Dichloroethane	0.0015	U	0.0015	0.00088	mg/Kg	☼	10/14/25 09:48	10/15/25 00:36	1
1,1-Dichloroethene	0.0015	U	0.0015	0.00033	mg/Kg	☼	10/14/25 09:48	10/15/25 00:36	1
1,2,3-Trichlorobenzene	0.0015	U	0.0015	0.0011	mg/Kg	☼	10/14/25 09:48	10/15/25 00:36	1
1,2,4-Trichlorobenzene	0.0015	U	0.0015	0.00053	mg/Kg	☼	10/14/25 09:48	10/15/25 00:36	1
1,2,4-Trimethylbenzene	0.0015	U	0.0015	0.00036	mg/Kg	☼	10/14/25 09:48	10/15/25 00:36	1
1,2-Dibromo-3-Chloropropane	0.0015	U	0.0015	0.00068	mg/Kg	☼	10/14/25 09:48	10/15/25 00:36	1
1,2-Dichlorobenzene	0.0015	U	0.0015	0.00053	mg/Kg	☼	10/14/25 09:48	10/15/25 00:36	1
1,2-Dichloroethane	0.0015	U	0.0015	0.00044	mg/Kg	☼	10/14/25 09:48	10/15/25 00:36	1
1,2-Dichloropropane	0.0015	U	0.0015	0.00062	mg/Kg	☼	10/14/25 09:48	10/15/25 00:36	1
1,3,5-Trimethylbenzene	0.0015	U	0.0015	0.00046	mg/Kg	☼	10/14/25 09:48	10/15/25 00:36	1
1,3-Dichlorobenzene	0.0015	U	0.0015	0.00054	mg/Kg	☼	10/14/25 09:48	10/15/25 00:36	1
1,4-Dichlorobenzene	0.0015	U	0.0015	0.00077	mg/Kg	☼	10/14/25 09:48	10/15/25 00:36	1
2-Butanone (MEK)	0.0074	U	0.0074	0.00054	mg/Kg	☼	10/14/25 09:48	10/15/25 00:36	1
2-Hexanone	0.0074	U	0.0074	0.0025	mg/Kg	☼	10/14/25 09:48	10/15/25 00:36	1
4-Methyl-2-pentanone (MIBK)	0.0074	U	0.0074	0.0023	mg/Kg	☼	10/14/25 09:48	10/15/25 00:36	1
Acetone	0.0089	U	0.0089	0.0084	mg/Kg	☼	10/14/25 09:48	10/15/25 00:36	1
Benzene	0.0015	U	0.0015	0.00084	mg/Kg	☼	10/14/25 09:48	10/15/25 00:36	1
Bromoform	0.0015	U	0.0015	0.00063	mg/Kg	☼	10/14/25 09:48	10/15/25 00:36	1
Bromomethane	0.0030	U	0.0030	0.0015	mg/Kg	☼	10/14/25 09:48	10/15/25 00:36	1

Client Sample ID: 52A2_3-4
Date Collected: 10/10/25 09:20
Date Received: 10/10/25 17:30

Lab Sample ID: 460-337049-30
Matrix: Solid
Percent Solids: 98.7

Method: SW846 8260D - Volatile Organic Compounds by GC/MS (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Carbon disulfide	0.0015	U	0.0015	0.00039	mg/Kg	☼	10/14/25 09:48	10/15/25 00:36	1
Carbon tetrachloride	0.0015	U	0.0015	0.00057	mg/Kg	☼	10/14/25 09:48	10/15/25 00:36	1
Chlorobenzene	0.0015	U	0.0015	0.00075	mg/Kg	☼	10/14/25 09:48	10/15/25 00:36	1
Chlorobromomethane	0.0015	U	0.0015	0.00088	mg/Kg	☼	10/14/25 09:48	10/15/25 00:36	1
Chlorodibromomethane	0.0015	U	0.0015	0.00079	mg/Kg	☼	10/14/25 09:48	10/15/25 00:36	1
Chloroethane	0.0015	U	0.0015	0.00077	mg/Kg	☼	10/14/25 09:48	10/15/25 00:36	1
Chloroform	0.0015	U	0.0015	0.0014	mg/Kg	☼	10/14/25 09:48	10/15/25 00:36	1
Chloromethane	0.0015	U	0.0015	0.00064	mg/Kg	☼	10/14/25 09:48	10/15/25 00:36	1
cis-1,2-Dichloroethene	0.0015	U	0.0015	0.00053	mg/Kg	☼	10/14/25 09:48	10/15/25 00:36	1
cis-1,3-Dichloropropene	0.0015	U	0.0015	0.00040	mg/Kg	☼	10/14/25 09:48	10/15/25 00:36	1
Cyclohexane	0.0015	U	0.0015	0.00033	mg/Kg	☼	10/14/25 09:48	10/15/25 00:36	1
Dichlorobromomethane	0.0015	U	0.0015	0.00038	mg/Kg	☼	10/14/25 09:48	10/15/25 00:36	1
Dichlorodifluoromethane	0.0015	U *	0.0015	0.00050	mg/Kg	☼	10/14/25 09:48	10/15/25 00:36	1
Ethylbenzene	0.0015	U	0.0015	0.00069	mg/Kg	☼	10/14/25 09:48	10/15/25 00:36	1
Ethylene Dibromide	0.0015	U	0.0015	0.00074	mg/Kg	☼	10/14/25 09:48	10/15/25 00:36	1
Isopropylbenzene	0.0015	U	0.0015	0.00042	mg/Kg	☼	10/14/25 09:48	10/15/25 00:36	1
Methyl acetate	0.0074	U	0.0074	0.0063	mg/Kg	☼	10/14/25 09:48	10/15/25 00:36	1
Methyl tert-butyl ether	0.0015	U	0.0015	0.00076	mg/Kg	☼	10/14/25 09:48	10/15/25 00:36	1
Methylcyclohexane	0.0015	U	0.0015	0.00074	mg/Kg	☼	10/14/25 09:48	10/15/25 00:36	1
Methylene Chloride	0.0030	U	0.0030	0.0017	mg/Kg	☼	10/14/25 09:48	10/15/25 00:36	1
m-Xylene & p-Xylene	0.0015	U	0.0015	0.00062	mg/Kg	☼	10/14/25 09:48	10/15/25 00:36	1
n-Butylbenzene	0.0015	U	0.0015	0.00043	mg/Kg	☼	10/14/25 09:48	10/15/25 00:36	1
N-Propylbenzene	0.0015	U	0.0015	0.00066	mg/Kg	☼	10/14/25 09:48	10/15/25 00:36	1
o-Xylene	0.0015	U	0.0015	0.00068	mg/Kg	☼	10/14/25 09:48	10/15/25 00:36	1
sec-Butylbenzene	0.0015	U	0.0015	0.00042	mg/Kg	☼	10/14/25 09:48	10/15/25 00:36	1
Styrene	0.0015	U	0.0015	0.00041	mg/Kg	☼	10/14/25 09:48	10/15/25 00:36	1
tert-Butylbenzene	0.0015	U	0.0015	0.00041	mg/Kg	☼	10/14/25 09:48	10/15/25 00:36	1
Tetrachloroethene	0.0015	U	0.0015	0.00045	mg/Kg	☼	10/14/25 09:48	10/15/25 00:36	1
Toluene	0.0015	U	0.0015	0.00035	mg/Kg	☼	10/14/25 09:48	10/15/25 00:36	1
trans-1,2-Dichloroethene	0.0015	U	0.0015	0.00036	mg/Kg	☼	10/14/25 09:48	10/15/25 00:36	1
trans-1,3-Dichloropropene	0.0015	U	0.0015	0.00039	mg/Kg	☼	10/14/25 09:48	10/15/25 00:36	1
Trichloroethene	0.0015	U	0.0015	0.00047	mg/Kg	☼	10/14/25 09:48	10/15/25 00:36	1
Trichlorofluoromethane	0.0015	U	0.0015	0.00060	mg/Kg	☼	10/14/25 09:48	10/15/25 00:36	1
Vinyl chloride	0.0015	U	0.0015	0.00081	mg/Kg	☼	10/14/25 09:48	10/15/25 00:36	1
Xylenes, Total	0.0030	U	0.0030	0.00026	mg/Kg	☼	10/14/25 09:48	10/15/25 00:36	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,2-Dichloroethane-d4 (Surr)	*86*		*65 - 138*	*10/14/25 09:48*	*10/15/25 00:36*	*1*
4-Bromofluorobenzene	*100*		*71 - 128*	*10/14/25 09:48*	*10/15/25 00:36*	*1*
Dibromofluoromethane (Surr)	*98*		*50 - 150*	*10/14/25 09:48*	*10/15/25 00:36*	*1*
Toluene-d8 (Surr)	*101*		*71 - 126*	*10/14/25 09:48*	*10/15/25 00:36*	*1*

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Percent Moisture (EPA Moisture)	**1.3**		1.0	1.0	%			10/15/25 19:49	1
Percent Solids (EPA Moisture)	**98.7**		1.0	1.0	%			10/15/25 19:49	1

Client Sample ID: 52A3_2-3
Date Collected: 10/10/25 09:25
Date Received: 10/10/25 17:30

Lab Sample ID: 460-337049-31
Matrix: Solid
Percent Solids: 97.5

Method: SW846 8260D - Volatile Organic Compounds by GC/MS

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1-Trichloroethane	0.00092	U	0.00092	0.00021	mg/Kg	☼	10/14/25 09:48	10/15/25 01:00	1
1,1,2,2-Tetrachloroethane	0.00092	U	0.00092	0.00048	mg/Kg	☼	10/14/25 09:48	10/15/25 01:00	1
1,1,2-Trichloro-1,2,2-trifluoroethane	0.00092	U	0.00092	0.00028	mg/Kg	☼	10/14/25 09:48	10/15/25 01:00	1
1,1,2-Trichloroethane	0.00092	U	0.00092	0.00055	mg/Kg	☼	10/14/25 09:48	10/15/25 01:00	1
1,1-Dichloroethane	0.00092	U	0.00092	0.00055	mg/Kg	☼	10/14/25 09:48	10/15/25 01:00	1
1,1-Dichloroethene	0.00092	U	0.00092	0.00021	mg/Kg	☼	10/14/25 09:48	10/15/25 01:00	1
1,2,3-Trichlorobenzene	0.00092	U	0.00092	0.00068	mg/Kg	☼	10/14/25 09:48	10/15/25 01:00	1
1,2,4-Trichlorobenzene	0.00092	U	0.00092	0.00033	mg/Kg	☼	10/14/25 09:48	10/15/25 01:00	1
1,2,4-Trimethylbenzene	0.00092	U	0.00092	0.00023	mg/Kg	☼	10/14/25 09:48	10/15/25 01:00	1
1,2-Dibromo-3-Chloropropane	0.00092	U	0.00092	0.00042	mg/Kg	☼	10/14/25 09:48	10/15/25 01:00	1
1,2-Dichlorobenzene	0.00092	U	0.00092	0.00033	mg/Kg	☼	10/14/25 09:48	10/15/25 01:00	1
1,2-Dichloroethane	0.00092	U	0.00092	0.00027	mg/Kg	☼	10/14/25 09:48	10/15/25 01:00	1
1,2-Dichloropropane	0.00092	U	0.00092	0.00039	mg/Kg	☼	10/14/25 09:48	10/15/25 01:00	1
1,3,5-Trimethylbenzene	0.00092	U	0.00092	0.00029	mg/Kg	☼	10/14/25 09:48	10/15/25 01:00	1
1,3-Dichlorobenzene	0.00092	U	0.00092	0.00034	mg/Kg	☼	10/14/25 09:48	10/15/25 01:00	1
1,4-Dichlorobenzene	0.00092	U	0.00092	0.00048	mg/Kg	☼	10/14/25 09:48	10/15/25 01:00	1
2-Butanone (MEK)	0.0046	U	0.0046	0.00034	mg/Kg	☼	10/14/25 09:48	10/15/25 01:00	1
2-Hexanone	0.0046	U	0.0046	0.0016	mg/Kg	☼	10/14/25 09:48	10/15/25 01:00	1
4-Methyl-2-pentanone (MIBK)	0.0046	U	0.0046	0.0014	mg/Kg	☼	10/14/25 09:48	10/15/25 01:00	1
Acetone	0.0055	U	0.0055	0.0053	mg/Kg	☼	10/14/25 09:48	10/15/25 01:00	1
Benzene	0.00092	U	0.00092	0.00052	mg/Kg	☼	10/14/25 09:48	10/15/25 01:00	1
Bromoform	0.00092	U	0.00092	0.00039	mg/Kg	☼	10/14/25 09:48	10/15/25 01:00	1
Bromomethane	0.0018	U	0.0018	0.00092	mg/Kg	☼	10/14/25 09:48	10/15/25 01:00	1
Carbon disulfide	0.00092	U	0.00092	0.00024	mg/Kg	☼	10/14/25 09:48	10/15/25 01:00	1
Carbon tetrachloride	0.00092	U	0.00092	0.00036	mg/Kg	☼	10/14/25 09:48	10/15/25 01:00	1
Chlorobenzene	0.00092	U	0.00092	0.00047	mg/Kg	☼	10/14/25 09:48	10/15/25 01:00	1
Chlorobromomethane	0.00092	U	0.00092	0.00055	mg/Kg	☼	10/14/25 09:48	10/15/25 01:00	1
Chlorodibromomethane	0.00092	U	0.00092	0.00049	mg/Kg	☼	10/14/25 09:48	10/15/25 01:00	1
Chloroethane	0.00092	U	0.00092	0.00048	mg/Kg	☼	10/14/25 09:48	10/15/25 01:00	1
Chloroform	0.00092	U	0.00092	0.00089	mg/Kg	☼	10/14/25 09:48	10/15/25 01:00	1
Chloromethane	0.00092	U	0.00092	0.00040	mg/Kg	☼	10/14/25 09:48	10/15/25 01:00	1
cis-1,2-Dichloroethene	0.00092	U	0.00092	0.00033	mg/Kg	☼	10/14/25 09:48	10/15/25 01:00	1
cis-1,3-Dichloropropene	0.00092	U	0.00092	0.00025	mg/Kg	☼	10/14/25 09:48	10/15/25 01:00	1
Cyclohexane	0.00092	U	0.00092	0.00020	mg/Kg	☼	10/14/25 09:48	10/15/25 01:00	1
Dichlorobromomethane	0.00092	U	0.00092	0.00024	mg/Kg	☼	10/14/25 09:48	10/15/25 01:00	1
Dichlorodifluoromethane	0.00092	U *	0.00092	0.00031	mg/Kg	☼	10/14/25 09:48	10/15/25 01:00	1
Ethylbenzene	0.00092	U	0.00092	0.00043	mg/Kg	☼	10/14/25 09:48	10/15/25 01:00	1
Ethylene Dibromide	0.00092	U	0.00092	0.00046	mg/Kg	☼	10/14/25 09:48	10/15/25 01:00	1
Isopropylbenzene	0.00092	U	0.00092	0.00026	mg/Kg	☼	10/14/25 09:48	10/15/25 01:00	1
Methyl acetate	0.0046	U	0.0046	0.0040	mg/Kg	☼	10/14/25 09:48	10/15/25 01:00	1
Methyl tert-butyl ether	0.00092	U	0.00092	0.00047	mg/Kg	☼	10/14/25 09:48	10/15/25 01:00	1
Methylcyclohexane	0.00092	U	0.00092	0.00046	mg/Kg	☼	10/14/25 09:48	10/15/25 01:00	1
Methylene Chloride	0.0018	U	0.0018	0.0011	mg/Kg	☼	10/14/25 09:48	10/15/25 01:00	1
m-Xylene & p-Xylene	0.00092	U	0.00092	0.00039	mg/Kg	☼	10/14/25 09:48	10/15/25 01:00	1
n-Butylbenzene	0.00092	U	0.00092	0.00027	mg/Kg	☼	10/14/25 09:48	10/15/25 01:00	1
N-Propylbenzene	0.00092	U	0.00092	0.00041	mg/Kg	☼	10/14/25 09:48	10/15/25 01:00	1
o-Xylene	0.00092	U	0.00092	0.00042	mg/Kg	☼	10/14/25 09:48	10/15/25 01:00	1
sec-Butylbenzene	0.00092	U	0.00092	0.00027	mg/Kg	☼	10/14/25 09:48	10/15/25 01:00	1
Styrene	0.00092	U	0.00092	0.00026	mg/Kg	☼	10/14/25 09:48	10/15/25 01:00	1

Client Sample ID: 52A3_2-3

Lab Sample ID: 460-337049-31

Date Collected: 10/10/25 09:25
Matrix: Solid
Date Received: 10/10/25 17:30
Percent Solids: 97.5

Method: SW846 8260D - Volatile Organic Compounds by GC/MS (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
tert-Butylbenzene	0.00092	U	0.00092	0.00025	mg/Kg	☼	10/14/25 09:48	10/15/25 01:00	1
Tetrachloroethene	0.00092	U	0.00092	0.00028	mg/Kg	☼	10/14/25 09:48	10/15/25 01:00	1
Toluene	0.00092	U	0.00092	0.00022	mg/Kg	☼	10/14/25 09:48	10/15/25 01:00	1
trans-1,2-Dichloroethene	0.00092	U	0.00092	0.00023	mg/Kg	☼	10/14/25 09:48	10/15/25 01:00	1
trans-1,3-Dichloropropene	0.00092	U	0.00092	0.00024	mg/Kg	☼	10/14/25 09:48	10/15/25 01:00	1
Trichloroethene	0.00092	U	0.00092	0.00030	mg/Kg	☼	10/14/25 09:48	10/15/25 01:00	1
Trichlorofluoromethane	0.00092	U	0.00092	0.00037	mg/Kg	☼	10/14/25 09:48	10/15/25 01:00	1
Vinyl chloride	0.00092	U	0.00092	0.00050	mg/Kg	☼	10/14/25 09:48	10/15/25 01:00	1
Xylenes, Total	0.0018	U	0.0018	0.00016	mg/Kg	☼	10/14/25 09:48	10/15/25 01:00	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,2-Dichloroethane-d4 (Surr)	*85*		*65 - 138*	*10/14/25 09:48*	*10/15/25 01:00*	*1*
4-Bromofluorobenzene	*93*		*71 - 128*	*10/14/25 09:48*	*10/15/25 01:00*	*1*
Dibromofluoromethane (Surr)	*98*		*50 - 150*	*10/14/25 09:48*	*10/15/25 01:00*	*1*
Toluene-d8 (Surr)	*100*		*71 - 126*	*10/14/25 09:48*	*10/15/25 01:00*	*1*

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Percent Moisture (EPA Moisture)	**2.5**		1.0	1.0	%			10/15/25 19:49	1
Percent Solids (EPA Moisture)	**97.5**		1.0	1.0	%			10/15/25 19:49	1

Client Sample ID: 52A1_4-5

Lab Sample ID: 460-337049-32

Date Collected: 10/10/25 09:30
Matrix: Solid
Date Received: 10/10/25 17:30
Percent Solids: 96.9

Method: SW846 8260D - Volatile Organic Compounds by GC/MS

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1-Trichloroethane	0.00093	U	0.00093	0.00022	mg/Kg	☼	10/14/25 09:48	10/15/25 01:24	1
1,1,2,2-Tetrachloroethane	0.00093	U	0.00093	0.00049	mg/Kg	☼	10/14/25 09:48	10/15/25 01:24	1
1,1,2-Trichloro-1,2,2-trifluoroethane	0.00093	U	0.00093	0.00028	mg/Kg	☼	10/14/25 09:48	10/15/25 01:24	1
1,1,2-Trichloroethane	0.00093	U	0.00093	0.00056	mg/Kg	☼	10/14/25 09:48	10/15/25 01:24	1
1,1-Dichloroethane	0.00093	U	0.00093	0.00056	mg/Kg	☼	10/14/25 09:48	10/15/25 01:24	1
1,1-Dichloroethene	0.00093	U	0.00093	0.00021	mg/Kg	☼	10/14/25 09:48	10/15/25 01:24	1
1,2,3-Trichlorobenzene	0.00093	U	0.00093	0.00069	mg/Kg	☼	10/14/25 09:48	10/15/25 01:24	1
1,2,4-Trichlorobenzene	0.00093	U	0.00093	0.00033	mg/Kg	☼	10/14/25 09:48	10/15/25 01:24	1
1,2,4-Trimethylbenzene	0.00093	U	0.00093	0.00023	mg/Kg	☼	10/14/25 09:48	10/15/25 01:24	1
1,2-Dibromo-3-Chloropropane	0.00093	U	0.00093	0.00043	mg/Kg	☼	10/14/25 09:48	10/15/25 01:24	1
1,2-Dichlorobenzene	0.00093	U	0.00093	0.00034	mg/Kg	☼	10/14/25 09:48	10/15/25 01:24	1
1,2-Dichloroethane	0.00093	U	0.00093	0.00028	mg/Kg	☼	10/14/25 09:48	10/15/25 01:24	1
1,2-Dichloropropane	0.00093	U	0.00093	0.00039	mg/Kg	☼	10/14/25 09:48	10/15/25 01:24	1
1,3,5-Trimethylbenzene	0.00093	U	0.00093	0.00029	mg/Kg	☼	10/14/25 09:48	10/15/25 01:24	1
1,3-Dichlorobenzene	0.00093	U	0.00093	0.00034	mg/Kg	☼	10/14/25 09:48	10/15/25 01:24	1
1,4-Dichlorobenzene	0.00093	U	0.00093	0.00048	mg/Kg	☼	10/14/25 09:48	10/15/25 01:24	1
2-Butanone (MEK)	0.0047	U	0.0047	0.00034	mg/Kg	☼	10/14/25 09:48	10/15/25 01:24	1
2-Hexanone	0.0047	U	0.0047	0.0016	mg/Kg	☼	10/14/25 09:48	10/15/25 01:24	1
4-Methyl-2-pentanone (MIBK)	0.0047	U	0.0047	0.0015	mg/Kg	☼	10/14/25 09:48	10/15/25 01:24	1
Acetone	0.0056	U	0.0056	0.0053	mg/Kg	☼	10/14/25 09:48	10/15/25 01:24	1
Benzene	0.00093	U	0.00093	0.00053	mg/Kg	☼	10/14/25 09:48	10/15/25 01:24	1
Bromoform	0.00093	U	0.00093	0.00040	mg/Kg	☼	10/14/25 09:48	10/15/25 01:24	1
Bromomethane	0.0019	U	0.0019	0.00093	mg/Kg	☼	10/14/25 09:48	10/15/25 01:24	1

Client Sample ID: 52A1_4-5
Date Collected: 10/10/25 09:30
Date Received: 10/10/25 17:30

Lab Sample ID: 460-337049-32
Matrix: Solid
Percent Solids: 96.9

Method: SW846 8260D - Volatile Organic Compounds by GC/MS (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Carbon disulfide	0.00093	U	0.00093	0.00025	mg/Kg	☼	10/14/25 09:48	10/15/25 01:24	1
Carbon tetrachloride	0.00093	U	0.00093	0.00036	mg/Kg	☼	10/14/25 09:48	10/15/25 01:24	1
Chlorobenzene	0.00093	U	0.00093	0.00047	mg/Kg	☼	10/14/25 09:48	10/15/25 01:24	1
Chlorobromomethane	0.00093	U	0.00093	0.00056	mg/Kg	☼	10/14/25 09:48	10/15/25 01:24	1
Chlorodibromomethane	0.00093	U	0.00093	0.00050	mg/Kg	☼	10/14/25 09:48	10/15/25 01:24	1
Chloroethane	0.00093	U	0.00093	0.00049	mg/Kg	☼	10/14/25 09:48	10/15/25 01:24	1
Chloroform	0.00093	U	0.00093	0.00091	mg/Kg	☼	10/14/25 09:48	10/15/25 01:24	1
Chloromethane	0.00093	U	0.00093	0.00041	mg/Kg	☼	10/14/25 09:48	10/15/25 01:24	1
cis-1,2-Dichloroethene	0.00093	U	0.00093	0.00033	mg/Kg	☼	10/14/25 09:48	10/15/25 01:24	1
cis-1,3-Dichloropropene	0.00093	U	0.00093	0.00025	mg/Kg	☼	10/14/25 09:48	10/15/25 01:24	1
Cyclohexane	0.00093	U	0.00093	0.00021	mg/Kg	☼	10/14/25 09:48	10/15/25 01:24	1
Dichlorobromomethane	0.00093	U	0.00093	0.00024	mg/Kg	☼	10/14/25 09:48	10/15/25 01:24	1
Dichlorodifluoromethane	0.00093	U *	0.00093	0.00032	mg/Kg	☼	10/14/25 09:48	10/15/25 01:24	1
Ethylbenzene	0.00093	U	0.00093	0.00044	mg/Kg	☼	10/14/25 09:48	10/15/25 01:24	1
Ethylene Dibromide	0.00093	U	0.00093	0.00047	mg/Kg	☼	10/14/25 09:48	10/15/25 01:24	1
Isopropylbenzene	0.00093	U	0.00093	0.00027	mg/Kg	☼	10/14/25 09:48	10/15/25 01:24	1
Methyl acetate	0.0047	U	0.0047	0.0040	mg/Kg	☼	10/14/25 09:48	10/15/25 01:24	1
Methyl tert-butyl ether	0.00093	U	0.00093	0.00048	mg/Kg	☼	10/14/25 09:48	10/15/25 01:24	1
Methylcyclohexane	0.00093	U	0.00093	0.00047	mg/Kg	☼	10/14/25 09:48	10/15/25 01:24	1
Methylene Chloride	0.0019	U	0.0019	0.0011	mg/Kg	☼	10/14/25 09:48	10/15/25 01:24	1
m-Xylene & p-Xylene	0.00093	U	0.00093	0.00039	mg/Kg	☼	10/14/25 09:48	10/15/25 01:24	1
n-Butylbenzene	0.00093	U	0.00093	0.00027	mg/Kg	☼	10/14/25 09:48	10/15/25 01:24	1
N-Propylbenzene	0.00093	U	0.00093	0.00042	mg/Kg	☼	10/14/25 09:48	10/15/25 01:24	1
o-Xylene	0.00093	U	0.00093	0.00043	mg/Kg	☼	10/14/25 09:48	10/15/25 01:24	1
sec-Butylbenzene	0.00093	U	0.00093	0.00027	mg/Kg	☼	10/14/25 09:48	10/15/25 01:24	1
Styrene	0.00093	U	0.00093	0.00026	mg/Kg	☼	10/14/25 09:48	10/15/25 01:24	1
tert-Butylbenzene	0.00093	U	0.00093	0.00026	mg/Kg	☼	10/14/25 09:48	10/15/25 01:24	1
Tetrachloroethene	0.00093	U	0.00093	0.00028	mg/Kg	☼	10/14/25 09:48	10/15/25 01:24	1
Toluene	0.00093	U	0.00093	0.00022	mg/Kg	☼	10/14/25 09:48	10/15/25 01:24	1
trans-1,2-Dichloroethene	0.00093	U	0.00093	0.00023	mg/Kg	☼	10/14/25 09:48	10/15/25 01:24	1
trans-1,3-Dichloropropene	0.00093	U	0.00093	0.00025	mg/Kg	☼	10/14/25 09:48	10/15/25 01:24	1
Trichloroethene	0.00093	U	0.00093	0.00030	mg/Kg	☼	10/14/25 09:48	10/15/25 01:24	1
Trichlorofluoromethane	0.00093	U	0.00093	0.00038	mg/Kg	☼	10/14/25 09:48	10/15/25 01:24	1
Vinyl chloride	0.00093	U	0.00093	0.00051	mg/Kg	☼	10/14/25 09:48	10/15/25 01:24	1
Xylenes, Total	0.0019	U	0.0019	0.00016	mg/Kg	☼	10/14/25 09:48	10/15/25 01:24	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,2-Dichloroethane-d4 (Surr)	*85*		*65 - 138*	*10/14/25 09:48*	*10/15/25 01:24*	*1*
4-Bromofluorobenzene	*94*		*71 - 128*	*10/14/25 09:48*	*10/15/25 01:24*	*1*
Dibromofluoromethane (Surr)	*98*		*50 - 150*	*10/14/25 09:48*	*10/15/25 01:24*	*1*
Toluene-d8 (Surr)	*99*		*71 - 126*	*10/14/25 09:48*	*10/15/25 01:24*	*1*

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Percent Moisture (EPA Moisture)	**3.1**		1.0	1.0	%			10/15/25 19:49	1
Percent Solids (EPA Moisture)	**96.9**		1.0	1.0	%			10/15/25 19:49	1

Client Sample ID: 52A2_5-6
Date Collected: 10/10/25 09:35
Date Received: 10/10/25 17:30

Lab Sample ID: 460-337049-33
Matrix: Solid
Percent Solids: 90.5

Method: SW846 8260D - Volatile Organic Compounds by GC/MS

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1-Trichloroethane	0.00084	U	0.00084	0.00020	mg/Kg	☼	10/14/25 09:48	10/15/25 01:48	1
1,1,2,2-Tetrachloroethane	0.00084	U	0.00084	0.00044	mg/Kg	☼	10/14/25 09:48	10/15/25 01:48	1
1,1,2-Trichloro-1,2,2-trifluoroethane	0.00084	U	0.00084	0.00025	mg/Kg	☼	10/14/25 09:48	10/15/25 01:48	1
1,1,2-Trichloroethane	0.00084	U	0.00084	0.00050	mg/Kg	☼	10/14/25 09:48	10/15/25 01:48	1
1,1-Dichloroethane	0.00084	U	0.00084	0.00050	mg/Kg	☼	10/14/25 09:48	10/15/25 01:48	1
1,1-Dichloroethene	0.00084	U	0.00084	0.00019	mg/Kg	☼	10/14/25 09:48	10/15/25 01:48	1
1,2,3-Trichlorobenzene	0.00084	U	0.00084	0.00062	mg/Kg	☼	10/14/25 09:48	10/15/25 01:48	1
1,2,4-Trichlorobenzene	0.00084	U	0.00084	0.00030	mg/Kg	☼	10/14/25 09:48	10/15/25 01:48	1
1,2,4-Trimethylbenzene	0.00084	U	0.00084	0.00021	mg/Kg	☼	10/14/25 09:48	10/15/25 01:48	1
1,2-Dibromo-3-Chloropropane	0.00084	U	0.00084	0.00039	mg/Kg	☼	10/14/25 09:48	10/15/25 01:48	1
1,2-Dichlorobenzene	0.00084	U	0.00084	0.00030	mg/Kg	☼	10/14/25 09:48	10/15/25 01:48	1
1,2-Dichloroethane	0.00084	U	0.00084	0.00025	mg/Kg	☼	10/14/25 09:48	10/15/25 01:48	1
1,2-Dichloropropane	0.00084	U	0.00084	0.00036	mg/Kg	☼	10/14/25 09:48	10/15/25 01:48	1
1,3,5-Trimethylbenzene	0.00084	U	0.00084	0.00026	mg/Kg	☼	10/14/25 09:48	10/15/25 01:48	1
1,3-Dichlorobenzene	0.00084	U	0.00084	0.00031	mg/Kg	☼	10/14/25 09:48	10/15/25 01:48	1
1,4-Dichlorobenzene	0.00084	U	0.00084	0.00044	mg/Kg	☼	10/14/25 09:48	10/15/25 01:48	1
2-Butanone (MEK)	0.0042	U	0.0042	0.00031	mg/Kg	☼	10/14/25 09:48	10/15/25 01:48	1
2-Hexanone	0.0042	U	0.0042	0.0014	mg/Kg	☼	10/14/25 09:48	10/15/25 01:48	1
4-Methyl-2-pentanone (MIBK)	0.0042	U	0.0042	0.0013	mg/Kg	☼	10/14/25 09:48	10/15/25 01:48	1
Acetone	0.0050	U	0.0050	0.0048	mg/Kg	☼	10/14/25 09:48	10/15/25 01:48	1
Benzene	0.00084	U	0.00084	0.00048	mg/Kg	☼	10/14/25 09:48	10/15/25 01:48	1
Bromoform	0.00084	U	0.00084	0.00036	mg/Kg	☼	10/14/25 09:48	10/15/25 01:48	1
Bromomethane	0.0017	U	0.0017	0.00084	mg/Kg	☼	10/14/25 09:48	10/15/25 01:48	1
Carbon disulfide	0.00084	U	0.00084	0.00022	mg/Kg	☼	10/14/25 09:48	10/15/25 01:48	1
Carbon tetrachloride	0.00084	U	0.00084	0.00032	mg/Kg	☼	10/14/25 09:48	10/15/25 01:48	1
Chlorobenzene	0.00084	U	0.00084	0.00043	mg/Kg	☼	10/14/25 09:48	10/15/25 01:48	1
Chlorobromomethane	0.00084	U	0.00084	0.00050	mg/Kg	☼	10/14/25 09:48	10/15/25 01:48	1
Chlorodibromomethane	0.00084	U	0.00084	0.00045	mg/Kg	☼	10/14/25 09:48	10/15/25 01:48	1
Chloroethane	0.00084	U	0.00084	0.00044	mg/Kg	☼	10/14/25 09:48	10/15/25 01:48	1
Chloroform	0.00084	U	0.00084	0.00082	mg/Kg	☼	10/14/25 09:48	10/15/25 01:48	1
Chloromethane	0.00084	U	0.00084	0.00037	mg/Kg	☼	10/14/25 09:48	10/15/25 01:48	1
cis-1,2-Dichloroethene	0.00084	U	0.00084	0.00030	mg/Kg	☼	10/14/25 09:48	10/15/25 01:48	1
cis-1,3-Dichloropropene	0.00084	U	0.00084	0.00023	mg/Kg	☼	10/14/25 09:48	10/15/25 01:48	1
Cyclohexane	0.00084	U	0.00084	0.00019	mg/Kg	☼	10/14/25 09:48	10/15/25 01:48	1
Dichlorobromomethane	0.00084	U	0.00084	0.00022	mg/Kg	☼	10/14/25 09:48	10/15/25 01:48	1
Dichlorodifluoromethane	0.00084	U *	0.00084	0.00028	mg/Kg	☼	10/14/25 09:48	10/15/25 01:48	1
Ethylbenzene	0.00084	U	0.00084	0.00039	mg/Kg	☼	10/14/25 09:48	10/15/25 01:48	1
Ethylene Dibromide	0.00084	U	0.00084	0.00042	mg/Kg	☼	10/14/25 09:48	10/15/25 01:48	1
Isopropylbenzene	0.00084	U	0.00084	0.00024	mg/Kg	☼	10/14/25 09:48	10/15/25 01:48	1
Methyl acetate	0.0042	U	0.0042	0.0036	mg/Kg	☼	10/14/25 09:48	10/15/25 01:48	1
Methyl tert-butyl ether	0.00084	U	0.00084	0.00043	mg/Kg	☼	10/14/25 09:48	10/15/25 01:48	1
Methylcyclohexane	0.00084	U	0.00084	0.00042	mg/Kg	☼	10/14/25 09:48	10/15/25 01:48	1
Methylene Chloride	**0.0011**	**J**	0.0017	0.00096	mg/Kg	☼	10/14/25 09:48	10/15/25 01:48	1
m-Xylene & p-Xylene	0.00084	U	0.00084	0.00036	mg/Kg	☼	10/14/25 09:48	10/15/25 01:48	1
n-Butylbenzene	0.00084	U	0.00084	0.00025	mg/Kg	☼	10/14/25 09:48	10/15/25 01:48	1
N-Propylbenzene	0.00084	U	0.00084	0.00038	mg/Kg	☼	10/14/25 09:48	10/15/25 01:48	1
o-Xylene	0.00084	U	0.00084	0.00039	mg/Kg	☼	10/14/25 09:48	10/15/25 01:48	1
sec-Butylbenzene	0.00084	U	0.00084	0.00024	mg/Kg	☼	10/14/25 09:48	10/15/25 01:48	1
Styrene	0.00084	U	0.00084	0.00023	mg/Kg	☼	10/14/25 09:48	10/15/25 01:48	1

Client Sample ID: 52A2_5-6

Lab Sample ID: 460-337049-33

Date Collected: 10/10/25 09:35
Matrix: Solid
Date Received: 10/10/25 17:30
Percent Solids: 90.5

Method: SW846 8260D - Volatile Organic Compounds by GC/MS (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
tert-Butylbenzene	0.00084	U	0.00084	0.00023	mg/Kg	☼	10/14/25 09:48	10/15/25 01:48	1
Tetrachloroethene	0.00084	U	0.00084	0.00026	mg/Kg	☼	10/14/25 09:48	10/15/25 01:48	1
Toluene	**0.00055**	**J**	0.00084	0.00020	mg/Kg	☼	10/14/25 09:48	10/15/25 01:48	1
trans-1,2-Dichloroethene	0.00084	U	0.00084	0.00021	mg/Kg	☼	10/14/25 09:48	10/15/25 01:48	1
trans-1,3-Dichloropropene	0.00084	U	0.00084	0.00022	mg/Kg	☼	10/14/25 09:48	10/15/25 01:48	1
Trichloroethene	0.00084	U	0.00084	0.00027	mg/Kg	☼	10/14/25 09:48	10/15/25 01:48	1
Trichlorofluoromethane	0.00084	U	0.00084	0.00034	mg/Kg	☼	10/14/25 09:48	10/15/25 01:48	1
Vinyl chloride	0.00084	U	0.00084	0.00046	mg/Kg	☼	10/14/25 09:48	10/15/25 01:48	1
Xylenes, Total	0.0017	U	0.0017	0.00015	mg/Kg	☼	10/14/25 09:48	10/15/25 01:48	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,2-Dichloroethane-d4 (Surr)	*86*		*65 - 138*	*10/14/25 09:48*	*10/15/25 01:48*	*1*
4-Bromofluorobenzene	*94*		*71 - 128*	*10/14/25 09:48*	*10/15/25 01:48*	*1*
Dibromofluoromethane (Surr)	*99*		*50 - 150*	*10/14/25 09:48*	*10/15/25 01:48*	*1*
Toluene-d8 (Surr)	*100*		*71 - 126*	*10/14/25 09:48*	*10/15/25 01:48*	*1*

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Percent Moisture (EPA Moisture)	**9.5**		1.0	1.0	%			10/15/25 19:49	1
Percent Solids (EPA Moisture)	**90.5**		1.0	1.0	%			10/15/25 19:49	1

Client Sample ID: 52A3_6-7

Lab Sample ID: 460-337049-34

Date Collected: 10/10/25 09:40
Matrix: Solid
Date Received: 10/10/25 17:30
Percent Solids: 93.1

Method: SW846 8260D - Volatile Organic Compounds by GC/MS

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1-Trichloroethane	0.0012	U	0.0012	0.00028	mg/Kg	☼	10/14/25 09:49	10/15/25 02:12	1
1,1,2,2-Tetrachloroethane	0.0012	U	0.0012	0.00063	mg/Kg	☼	10/14/25 09:49	10/15/25 02:12	1
1,1,2-Trichloro-1,2,2-trifluoroethane	0.0012	U	0.0012	0.00036	mg/Kg	☼	10/14/25 09:49	10/15/25 02:12	1
1,1,2-Trichloroethane	0.0012	U	0.0012	0.00073	mg/Kg	☼	10/14/25 09:49	10/15/25 02:12	1
1,1-Dichloroethane	0.0012	U	0.0012	0.00072	mg/Kg	☼	10/14/25 09:49	10/15/25 02:12	1
1,1-Dichloroethene	0.0012	U	0.0012	0.00027	mg/Kg	☼	10/14/25 09:49	10/15/25 02:12	1
1,2,3-Trichlorobenzene	0.0012	U	0.0012	0.00089	mg/Kg	☼	10/14/25 09:49	10/15/25 02:12	1
1,2,4-Trichlorobenzene	0.0012	U	0.0012	0.00043	mg/Kg	☼	10/14/25 09:49	10/15/25 02:12	1
1,2,4-Trimethylbenzene	0.0012	U	0.0012	0.00030	mg/Kg	☼	10/14/25 09:49	10/15/25 02:12	1
1,2-Dibromo-3-Chloropropane	0.0012	U	0.0012	0.00056	mg/Kg	☼	10/14/25 09:49	10/15/25 02:12	1
1,2-Dichlorobenzene	0.0012	U	0.0012	0.00044	mg/Kg	☼	10/14/25 09:49	10/15/25 02:12	1
1,2-Dichloroethane	0.0012	U	0.0012	0.00036	mg/Kg	☼	10/14/25 09:49	10/15/25 02:12	1
1,2-Dichloropropane	0.0012	U	0.0012	0.00051	mg/Kg	☼	10/14/25 09:49	10/15/25 02:12	1
1,3,5-Trimethylbenzene	0.0012	U	0.0012	0.00038	mg/Kg	☼	10/14/25 09:49	10/15/25 02:12	1
1,3-Dichlorobenzene	0.0012	U	0.0012	0.00044	mg/Kg	☼	10/14/25 09:49	10/15/25 02:12	1
1,4-Dichlorobenzene	0.0012	U	0.0012	0.00063	mg/Kg	☼	10/14/25 09:49	10/15/25 02:12	1
2-Butanone (MEK)	0.0061	U	0.0061	0.00045	mg/Kg	☼	10/14/25 09:49	10/15/25 02:12	1
2-Hexanone	0.0061	U	0.0061	0.0021	mg/Kg	☼	10/14/25 09:49	10/15/25 02:12	1
4-Methyl-2-pentanone (MIBK)	0.0061	U	0.0061	0.0019	mg/Kg	☼	10/14/25 09:49	10/15/25 02:12	1
Acetone	0.0073	U	0.0073	0.0069	mg/Kg	☼	10/14/25 09:49	10/15/25 02:12	1
Benzene	0.0012	U	0.0012	0.00069	mg/Kg	☼	10/14/25 09:49	10/15/25 02:12	1
Bromoform	0.0012	U	0.0012	0.00051	mg/Kg	☼	10/14/25 09:49	10/15/25 02:12	1
Bromomethane	0.0024	U	0.0024	0.0012	mg/Kg	☼	10/14/25 09:49	10/15/25 02:12	1

Client Sample ID: 52A3_6-7
Date Collected: 10/10/25 09:40
Date Received: 10/10/25 17:30

Lab Sample ID: 460-337049-34
Matrix: Solid
Percent Solids: 93.1

Method: SW846 8260D - Volatile Organic Compounds by GC/MS (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Carbon disulfide	0.0012	U	0.0012	0.00032	mg/Kg	☼	10/14/25 09:49	10/15/25 02:12	1
Carbon tetrachloride	0.0012	U	0.0012	0.00047	mg/Kg	☼	10/14/25 09:49	10/15/25 02:12	1
Chlorobenzene	0.0012	U	0.0012	0.00061	mg/Kg	☼	10/14/25 09:49	10/15/25 02:12	1
Chlorobromomethane	0.0012	U	0.0012	0.00072	mg/Kg	☼	10/14/25 09:49	10/15/25 02:12	1
Chlorodibromomethane	0.0012	U	0.0012	0.00065	mg/Kg	☼	10/14/25 09:49	10/15/25 02:12	1
Chloroethane	0.0012	U	0.0012	0.00063	mg/Kg	☼	10/14/25 09:49	10/15/25 02:12	1
Chloroform	0.0012	U	0.0012	0.0012	mg/Kg	☼	10/14/25 09:49	10/15/25 02:12	1
Chloromethane	0.0012	U	0.0012	0.00053	mg/Kg	☼	10/14/25 09:49	10/15/25 02:12	1
cis-1,2-Dichloroethene	0.0012	U	0.0012	0.00043	mg/Kg	☼	10/14/25 09:49	10/15/25 02:12	1
cis-1,3-Dichloropropene	0.0012	U	0.0012	0.00033	mg/Kg	☼	10/14/25 09:49	10/15/25 02:12	1
Cyclohexane	0.0012	U	0.0012	0.00027	mg/Kg	☼	10/14/25 09:49	10/15/25 02:12	1
Dichlorobromomethane	0.0012	U	0.0012	0.00031	mg/Kg	☼	10/14/25 09:49	10/15/25 02:12	1
Dichlorodifluoromethane	0.0012	U *	0.0012	0.00041	mg/Kg	☼	10/14/25 09:49	10/15/25 02:12	1
Ethylbenzene	0.0012	U	0.0012	0.00057	mg/Kg	☼	10/14/25 09:49	10/15/25 02:12	1
Ethylene Dibromide	0.0012	U	0.0012	0.00061	mg/Kg	☼	10/14/25 09:49	10/15/25 02:12	1
Isopropylbenzene	0.0012	U	0.0012	0.00035	mg/Kg	☼	10/14/25 09:49	10/15/25 02:12	1
Methyl acetate	0.0061	U	0.0061	0.0052	mg/Kg	☼	10/14/25 09:49	10/15/25 02:12	1
Methyl tert-butyl ether	0.0012	U	0.0012	0.00062	mg/Kg	☼	10/14/25 09:49	10/15/25 02:12	1
Methylcyclohexane	0.0012	U	0.0012	0.00060	mg/Kg	☼	10/14/25 09:49	10/15/25 02:12	1
Methylene Chloride	**0.0022**	**J**	0.0024	0.0014	mg/Kg	☼	10/14/25 09:49	10/15/25 02:12	1
m-Xylene & p-Xylene	0.0012	U	0.0012	0.00051	mg/Kg	☼	10/14/25 09:49	10/15/25 02:12	1
n-Butylbenzene	0.0012	U	0.0012	0.00036	mg/Kg	☼	10/14/25 09:49	10/15/25 02:12	1
N-Propylbenzene	0.0012	U	0.0012	0.00054	mg/Kg	☼	10/14/25 09:49	10/15/25 02:12	1
o-Xylene	0.0012	U	0.0012	0.00056	mg/Kg	☼	10/14/25 09:49	10/15/25 02:12	1
sec-Butylbenzene	0.0012	U	0.0012	0.00035	mg/Kg	☼	10/14/25 09:49	10/15/25 02:12	1
Styrene	0.0012	U	0.0012	0.00034	mg/Kg	☼	10/14/25 09:49	10/15/25 02:12	1
tert-Butylbenzene	0.0012	U	0.0012	0.00033	mg/Kg	☼	10/14/25 09:49	10/15/25 02:12	1
Tetrachloroethene	0.0012	U	0.0012	0.00037	mg/Kg	☼	10/14/25 09:49	10/15/25 02:12	1
Toluene	0.0012	U	0.0012	0.00028	mg/Kg	☼	10/14/25 09:49	10/15/25 02:12	1
trans-1,2-Dichloroethene	0.0012	U	0.0012	0.00030	mg/Kg	☼	10/14/25 09:49	10/15/25 02:12	1
trans-1,3-Dichloropropene	0.0012	U	0.0012	0.00032	mg/Kg	☼	10/14/25 09:49	10/15/25 02:12	1
Trichloroethene	0.0012	U	0.0012	0.00039	mg/Kg	☼	10/14/25 09:49	10/15/25 02:12	1
Trichlorofluoromethane	0.0012	U	0.0012	0.00049	mg/Kg	☼	10/14/25 09:49	10/15/25 02:12	1
Vinyl chloride	0.0012	U	0.0012	0.00066	mg/Kg	☼	10/14/25 09:49	10/15/25 02:12	1
Xylenes, Total	0.0024	U	0.0024	0.00021	mg/Kg	☼	10/14/25 09:49	10/15/25 02:12	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,2-Dichloroethane-d4 (Surr)	*86*		*65 - 138*	*10/14/25 09:49*	*10/15/25 02:12*	*1*
4-Bromofluorobenzene	*95*		*71 - 128*	*10/14/25 09:49*	*10/15/25 02:12*	*1*
Dibromofluoromethane (Surr)	*98*		*50 - 150*	*10/14/25 09:49*	*10/15/25 02:12*	*1*
Toluene-d8 (Surr)	*102*		*71 - 126*	*10/14/25 09:49*	*10/15/25 02:12*	*1*

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Percent Moisture (EPA Moisture)	**6.9**		1.0	1.0	%			10/15/25 19:49	1
Percent Solids (EPA Moisture)	**93.1**		1.0	1.0	%			10/15/25 19:49	1

Client: Haley & Aldrich, Inc.
Project/Site: Former Port Mobil

Job ID: 460-337049-1

Client Sample ID: 52A1_7-8
Date Collected: 10/10/25 09:45
Date Received: 10/10/25 17:30

Lab Sample ID: 460-337049-35
Matrix: Solid

Method: SW846 8260D - Volatile Organic Compounds by GC/MS

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1-Trichloroethane	0.0012	U	0.0012	0.00028	mg/Kg		10/14/25 09:49	10/15/25 02:36	1
1,1,2,2-Tetrachloroethane	0.0012	U	0.0012	0.00063	mg/Kg		10/14/25 09:49	10/15/25 02:36	1
1,1,2-Trichloro-1,2,2-trifluoroethane	0.0012	U	0.0012	0.00036	mg/Kg		10/14/25 09:49	10/15/25 02:36	1
1,1,2-Trichloroethane	0.0012	U	0.0012	0.00072	mg/Kg		10/14/25 09:49	10/15/25 02:36	1
1,1-Dichloroethane	0.0012	U	0.0012	0.00072	mg/Kg		10/14/25 09:49	10/15/25 02:36	1
1,1-Dichloroethene	0.0012	U	0.0012	0.00027	mg/Kg		10/14/25 09:49	10/15/25 02:36	1
1,2,3-Trichlorobenzene	0.0012	U	0.0012	0.00088	mg/Kg		10/14/25 09:49	10/15/25 02:36	1
1,2,4-Trichlorobenzene	0.0012	U	0.0012	0.00043	mg/Kg		10/14/25 09:49	10/15/25 02:36	1
1,2,4-Trimethylbenzene	0.0012	U	0.0012	0.00029	mg/Kg		10/14/25 09:49	10/15/25 02:36	1
1,2-Dibromo-3-Chloropropane	0.0012	U	0.0012	0.00055	mg/Kg		10/14/25 09:49	10/15/25 02:36	1
1,2-Dichlorobenzene	0.0012	U	0.0012	0.00043	mg/Kg		10/14/25 09:49	10/15/25 02:36	1
1,2-Dichloroethane	0.0012	U	0.0012	0.00035	mg/Kg		10/14/25 09:49	10/15/25 02:36	1
1,2-Dichloropropane	0.0012	U	0.0012	0.00051	mg/Kg		10/14/25 09:49	10/15/25 02:36	1
1,3,5-Trimethylbenzene	0.0012	U	0.0012	0.00038	mg/Kg		10/14/25 09:49	10/15/25 02:36	1
1,3-Dichlorobenzene	0.0012	U	0.0012	0.00044	mg/Kg		10/14/25 09:49	10/15/25 02:36	1
1,4-Dichlorobenzene	0.0012	U	0.0012	0.00062	mg/Kg		10/14/25 09:49	10/15/25 02:36	1
2-Butanone (MEK)	0.0060	U	0.0060	0.00044	mg/Kg		10/14/25 09:49	10/15/25 02:36	1
2-Hexanone	0.0060	U	0.0060	0.0020	mg/Kg		10/14/25 09:49	10/15/25 02:36	1
4-Methyl-2-pentanone (MIBK)	0.0060	U	0.0060	0.0019	mg/Kg		10/14/25 09:49	10/15/25 02:36	1
Acetone	0.0072	U	0.0072	0.0069	mg/Kg		10/14/25 09:49	10/15/25 02:36	1
Benzene	0.0012	U	0.0012	0.00068	mg/Kg		10/14/25 09:49	10/15/25 02:36	1
Bromoform	0.0012	U	0.0012	0.00051	mg/Kg		10/14/25 09:49	10/15/25 02:36	1
Bromomethane	0.0024	U	0.0024	0.0012	mg/Kg		10/14/25 09:49	10/15/25 02:36	1
Carbon disulfide	0.0012	U	0.0012	0.00032	mg/Kg		10/14/25 09:49	10/15/25 02:36	1
Carbon tetrachloride	0.0012	U	0.0012	0.00046	mg/Kg		10/14/25 09:49	10/15/25 02:36	1
Chlorobenzene	0.0012	U	0.0012	0.00061	mg/Kg		10/14/25 09:49	10/15/25 02:36	1
Chlorobromomethane	0.0012	U	0.0012	0.00071	mg/Kg		10/14/25 09:49	10/15/25 02:36	1
Chlorodibromomethane	0.0012	U	0.0012	0.00064	mg/Kg		10/14/25 09:49	10/15/25 02:36	1
Chloroethane	0.0012	U	0.0012	0.00063	mg/Kg		10/14/25 09:49	10/15/25 02:36	1
Chloroform	0.0012	U	0.0012	0.0012	mg/Kg		10/14/25 09:49	10/15/25 02:36	1
Chloromethane	0.0012	U	0.0012	0.00052	mg/Kg		10/14/25 09:49	10/15/25 02:36	1
cis-1,2-Dichloroethene	0.0012	U	0.0012	0.00043	mg/Kg		10/14/25 09:49	10/15/25 02:36	1
cis-1,3-Dichloropropene	0.0012	U	0.0012	0.00033	mg/Kg		10/14/25 09:49	10/15/25 02:36	1
Cyclohexane	0.0012	U	0.0012	0.00026	mg/Kg		10/14/25 09:49	10/15/25 02:36	1
Dichlorobromomethane	0.0012	U	0.0012	0.00031	mg/Kg		10/14/25 09:49	10/15/25 02:36	1
Dichlorodifluoromethane	0.0012	U *	0.0012	0.00040	mg/Kg		10/14/25 09:49	10/15/25 02:36	1
Ethylbenzene	0.0012	U	0.0012	0.00056	mg/Kg		10/14/25 09:49	10/15/25 02:36	1
Ethylene Dibromide	0.0012	U	0.0012	0.00060	mg/Kg		10/14/25 09:49	10/15/25 02:36	1
Isopropylbenzene	0.0012	U	0.0012	0.00034	mg/Kg		10/14/25 09:49	10/15/25 02:36	1
Methyl acetate	0.0060	U	0.0060	0.0052	mg/Kg		10/14/25 09:49	10/15/25 02:36	1
Methyl tert-butyl ether	0.0012	U	0.0012	0.00061	mg/Kg		10/14/25 09:49	10/15/25 02:36	1
Methylcyclohexane	0.0012	U	0.0012	0.00060	mg/Kg		10/14/25 09:49	10/15/25 02:36	1
Methylene Chloride	0.0024	U	0.0024	0.0014	mg/Kg		10/14/25 09:49	10/15/25 02:36	1
m-Xylene & p-Xylene	0.0012	U	0.0012	0.00051	mg/Kg		10/14/25 09:49	10/15/25 02:36	1
n-Butylbenzene	0.0012	U	0.0012	0.00035	mg/Kg		10/14/25 09:49	10/15/25 02:36	1
N-Propylbenzene	0.0012	U	0.0012	0.00054	mg/Kg		10/14/25 09:49	10/15/25 02:36	1
o-Xylene	0.0012	U	0.0012	0.00055	mg/Kg		10/14/25 09:49	10/15/25 02:36	1
sec-Butylbenzene	0.0012	U	0.0012	0.00034	mg/Kg		10/14/25 09:49	10/15/25 02:36	1
Styrene	0.0012	U	0.0012	0.00033	mg/Kg		10/14/25 09:49	10/15/25 02:36	1

Client Sample ID: 52A1_7-8

Date Collected: 10/10/25 09:45
Date Received: 10/10/25 17:30

Lab Sample ID: 460-337049-35
Matrix: Solid

Method: SW846 8260D - Volatile Organic Compounds by GC/MS (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
tert-Butylbenzene	0.0012	U	0.0012	0.00033	mg/Kg		10/14/25 09:49	10/15/25 02:36	1
Tetrachloroethene	0.0012	U	0.0012	0.00037	mg/Kg		10/14/25 09:49	10/15/25 02:36	1
Toluene	**0.00070**	**J**	0.0012	0.00028	mg/Kg		10/14/25 09:49	10/15/25 02:36	1
trans-1,2-Dichloroethene	0.0012	U	0.0012	0.00029	mg/Kg		10/14/25 09:49	10/15/25 02:36	1
trans-1,3-Dichloropropene	0.0012	U	0.0012	0.00032	mg/Kg		10/14/25 09:49	10/15/25 02:36	1
Trichloroethene	0.0012	U	0.0012	0.00038	mg/Kg		10/14/25 09:49	10/15/25 02:36	1
Trichlorofluoromethane	0.0012	U	0.0012	0.00049	mg/Kg		10/14/25 09:49	10/15/25 02:36	1
Vinyl chloride	0.0012	U	0.0012	0.00065	mg/Kg		10/14/25 09:49	10/15/25 02:36	1
Xylenes, Total	0.0024	U	0.0024	0.00021	mg/Kg		10/14/25 09:49	10/15/25 02:36	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,2-Dichloroethane-d4 (Surr)	*87*		*65 - 138*	*10/14/25 09:49*	*10/15/25 02:36*	*1*
4-Bromofluorobenzene	*98*		*71 - 128*	*10/14/25 09:49*	*10/15/25 02:36*	*1*
Dibromofluoromethane (Surr)	*99*		*50 - 150*	*10/14/25 09:49*	*10/15/25 02:36*	*1*
Toluene-d8 (Surr)	*101*		*71 - 126*	*10/14/25 09:49*	*10/15/25 02:36*	*1*

Client Sample ID: 52B1_1-2

Date Collected: 10/10/25 09:50
Date Received: 10/10/25 17:30

Lab Sample ID: 460-337049-36
Matrix: Solid
Percent Solids: 94.6

Method: SW846 8260D - Volatile Organic Compounds by GC/MS

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1-Trichloroethane	0.0013	U	0.0013	0.00030	mg/Kg	☼	10/14/25 09:49	10/15/25 03:01	1
1,1,2,2-Tetrachloroethane	0.0013	U	0.0013	0.00067	mg/Kg	☼	10/14/25 09:49	10/15/25 03:01	1
1,1,2-Trichloro-1,2,2-trifluoroethane	0.0013	U	0.0013	0.00039	mg/Kg	☼	10/14/25 09:49	10/15/25 03:01	1
1,1,2-Trichloroethane	0.0013	U	0.0013	0.00077	mg/Kg	☼	10/14/25 09:49	10/15/25 03:01	1
1,1-Dichloroethane	0.0013	U	0.0013	0.00077	mg/Kg	☼	10/14/25 09:49	10/15/25 03:01	1
1,1-Dichloroethene	0.0013	U	0.0013	0.00029	mg/Kg	☼	10/14/25 09:49	10/15/25 03:01	1
1,2,3-Trichlorobenzene	0.0013	U	0.0013	0.00095	mg/Kg	☼	10/14/25 09:49	10/15/25 03:01	1
1,2,4-Trichlorobenzene	0.0013	U	0.0013	0.00046	mg/Kg	☼	10/14/25 09:49	10/15/25 03:01	1
1,2,4-Trimethylbenzene	0.0013	U	0.0013	0.00032	mg/Kg	☼	10/14/25 09:49	10/15/25 03:01	1
1,2-Dibromo-3-Chloropropane	0.0013	U	0.0013	0.00059	mg/Kg	☼	10/14/25 09:49	10/15/25 03:01	1
1,2-Dichlorobenzene	0.0013	U	0.0013	0.00046	mg/Kg	☼	10/14/25 09:49	10/15/25 03:01	1
1,2-Dichloroethane	0.0013	U	0.0013	0.00038	mg/Kg	☼	10/14/25 09:49	10/15/25 03:01	1
1,2-Dichloropropane	0.0013	U	0.0013	0.00054	mg/Kg	☼	10/14/25 09:49	10/15/25 03:01	1
1,3,5-Trimethylbenzene	0.0013	U	0.0013	0.00040	mg/Kg	☼	10/14/25 09:49	10/15/25 03:01	1
1,3-Dichlorobenzene	0.0013	U	0.0013	0.00047	mg/Kg	☼	10/14/25 09:49	10/15/25 03:01	1
1,4-Dichlorobenzene	0.0013	U	0.0013	0.00067	mg/Kg	☼	10/14/25 09:49	10/15/25 03:01	1
2-Butanone (MEK)	0.0064	U	0.0064	0.00047	mg/Kg	☼	10/14/25 09:49	10/15/25 03:01	1
2-Hexanone	0.0064	U	0.0064	0.0022	mg/Kg	☼	10/14/25 09:49	10/15/25 03:01	1
4-Methyl-2-pentanone (MIBK)	0.0064	U	0.0064	0.0020	mg/Kg	☼	10/14/25 09:49	10/15/25 03:01	1
Acetone	0.0077	U	0.0077	0.0073	mg/Kg	☼	10/14/25 09:49	10/15/25 03:01	1
Benzene	0.0013	U	0.0013	0.00073	mg/Kg	☼	10/14/25 09:49	10/15/25 03:01	1
Bromoform	0.0013	U	0.0013	0.00055	mg/Kg	☼	10/14/25 09:49	10/15/25 03:01	1
Bromomethane	0.0026	U	0.0026	0.0013	mg/Kg	☼	10/14/25 09:49	10/15/25 03:01	1
Carbon disulfide	0.0013	U	0.0013	0.00034	mg/Kg	☼	10/14/25 09:49	10/15/25 03:01	1
Carbon tetrachloride	0.0013	U	0.0013	0.00050	mg/Kg	☼	10/14/25 09:49	10/15/25 03:01	1
Chlorobenzene	0.0013	U	0.0013	0.00065	mg/Kg	☼	10/14/25 09:49	10/15/25 03:01	1
Chlorobromomethane	0.0013	U	0.0013	0.00076	mg/Kg	☼	10/14/25 09:49	10/15/25 03:01	1
Chlorodibromomethane	0.0013	U	0.0013	0.00069	mg/Kg	☼	10/14/25 09:49	10/15/25 03:01	1

Client Sample ID: 52B1_1-2

Date Collected: 10/10/25 09:50
Date Received: 10/10/25 17:30

Lab Sample ID: 460-337049-36

Matrix: Solid
Percent Solids: 94.6

Method: SW846 8260D - Volatile Organic Compounds by GC/MS (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloroethane	0.0013	U	0.0013	0.00067	mg/Kg	☼	10/14/25 09:49	10/15/25 03:01	1
Chloroform	0.0013	U	0.0013	0.0012	mg/Kg	☼	10/14/25 09:49	10/15/25 03:01	1
Chloromethane	0.0013	U	0.0013	0.00056	mg/Kg	☼	10/14/25 09:49	10/15/25 03:01	1
cis-1,2-Dichloroethene	0.0013	U	0.0013	0.00046	mg/Kg	☼	10/14/25 09:49	10/15/25 03:01	1
cis-1,3-Dichloropropene	0.0013	U	0.0013	0.00035	mg/Kg	☼	10/14/25 09:49	10/15/25 03:01	1
Cyclohexane	0.0013	U	0.0013	0.00028	mg/Kg	☼	10/14/25 09:49	10/15/25 03:01	1
Dichlorobromomethane	0.0013	U	0.0013	0.00033	mg/Kg	☼	10/14/25 09:49	10/15/25 03:01	1
Dichlorodifluoromethane	0.0013	U *	0.0013	0.00043	mg/Kg	☼	10/14/25 09:49	10/15/25 03:01	1
Ethylbenzene	0.0013	U	0.0013	0.00060	mg/Kg	☼	10/14/25 09:49	10/15/25 03:01	1
Ethylene Dibromide	0.0013	U	0.0013	0.00065	mg/Kg	☼	10/14/25 09:49	10/15/25 03:01	1
Isopropylbenzene	0.0013	U	0.0013	0.00037	mg/Kg	☼	10/14/25 09:49	10/15/25 03:01	1
Methyl acetate	0.0064	U	0.0064	0.0055	mg/Kg	☼	10/14/25 09:49	10/15/25 03:01	1
Methyl tert-butyl ether	0.0013	U	0.0013	0.00066	mg/Kg	☼	10/14/25 09:49	10/15/25 03:01	1
Methylcyclohexane	0.0013	U	0.0013	0.00064	mg/Kg	☼	10/14/25 09:49	10/15/25 03:01	1
Methylene Chloride	**0.0029**		0.0026	0.0015	mg/Kg	☼	10/14/25 09:49	10/15/25 03:01	1
m-Xylene & p-Xylene	0.0013	U	0.0013	0.00054	mg/Kg	☼	10/14/25 09:49	10/15/25 03:01	1
n-Butylbenzene	0.0013	U	0.0013	0.00038	mg/Kg	☼	10/14/25 09:49	10/15/25 03:01	1
N-Propylbenzene	0.0013	U	0.0013	0.00058	mg/Kg	☼	10/14/25 09:49	10/15/25 03:01	1
o-Xylene	0.0013	U	0.0013	0.00059	mg/Kg	☼	10/14/25 09:49	10/15/25 03:01	1
sec-Butylbenzene	0.0013	U	0.0013	0.00037	mg/Kg	☼	10/14/25 09:49	10/15/25 03:01	1
Styrene	0.0013	U	0.0013	0.00036	mg/Kg	☼	10/14/25 09:49	10/15/25 03:01	1
tert-Butylbenzene	0.0013	U	0.0013	0.00035	mg/Kg	☼	10/14/25 09:49	10/15/25 03:01	1
Tetrachloroethene	0.0013	U	0.0013	0.00039	mg/Kg	☼	10/14/25 09:49	10/15/25 03:01	1
Toluene	**0.00068**	**J**	0.0013	0.00030	mg/Kg	☼	10/14/25 09:49	10/15/25 03:01	1
trans-1,2-Dichloroethene	0.0013	U	0.0013	0.00032	mg/Kg	☼	10/14/25 09:49	10/15/25 03:01	1
trans-1,3-Dichloropropene	0.0013	U	0.0013	0.00034	mg/Kg	☼	10/14/25 09:49	10/15/25 03:01	1
Trichloroethene	0.0013	U	0.0013	0.00041	mg/Kg	☼	10/14/25 09:49	10/15/25 03:01	1
Trichlorofluoromethane	0.0013	U	0.0013	0.00052	mg/Kg	☼	10/14/25 09:49	10/15/25 03:01	1
Vinyl chloride	0.0013	U	0.0013	0.00070	mg/Kg	☼	10/14/25 09:49	10/15/25 03:01	1
Xylenes, Total	0.0026	U	0.0026	0.00022	mg/Kg	☼	10/14/25 09:49	10/15/25 03:01	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,2-Dichloroethane-d4 (Surr)	*88*		*65 - 138*	*10/14/25 09:49*	*10/15/25 03:01*	*1*
4-Bromofluorobenzene	*97*		*71 - 128*	*10/14/25 09:49*	*10/15/25 03:01*	*1*
Dibromofluoromethane (Surr)	*100*		*50 - 150*	*10/14/25 09:49*	*10/15/25 03:01*	*1*
Toluene-d8 (Surr)	*101*		*71 - 126*	*10/14/25 09:49*	*10/15/25 03:01*	*1*

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Percent Moisture (EPA Moisture)	**5.4**		1.0	1.0	%			10/15/25 19:49	1
Percent Solids (EPA Moisture)	**94.6**		1.0	1.0	%			10/15/25 19:49	1

Client Sample ID: 52B2_2-3

Date Collected: 10/10/25 09:55
Date Received: 10/10/25 17:30

Lab Sample ID: 460-337049-37

Matrix: Solid
Percent Solids: 95.4

Method: SW846 8260D - Volatile Organic Compounds by GC/MS

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1-Trichloroethane	0.0012	U	0.0012	0.00028	mg/Kg	☼	10/14/25 09:50	10/15/25 03:25	1
1,1,2,2-Tetrachloroethane	0.0012	U	0.0012	0.00063	mg/Kg	☼	10/14/25 09:50	10/15/25 03:25	1

Client Sample ID: 52B2_2-3
Date Collected: 10/10/25 09:55
Date Received: 10/10/25 17:30

Lab Sample ID: 460-337049-37
Matrix: Solid
Percent Solids: 95.4

Method: SW846 8260D - Volatile Organic Compounds by GC/MS (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,2-Trichloro-1,2,2-trifluoroethane	0.0012	U	0.0012	0.00036	mg/Kg	☼	10/14/25 09:50	10/15/25 03:25	1
1,1,2-Trichloroethane	0.0012	U	0.0012	0.00072	mg/Kg	☼	10/14/25 09:50	10/15/25 03:25	1
1,1-Dichloroethane	0.0012	U	0.0012	0.00072	mg/Kg	☼	10/14/25 09:50	10/15/25 03:25	1
1,1-Dichloroethene	0.0012	U	0.0012	0.00027	mg/Kg	☼	10/14/25 09:50	10/15/25 03:25	1
1,2,3-Trichlorobenzene	0.0012	U	0.0012	0.00089	mg/Kg	☼	10/14/25 09:50	10/15/25 03:25	1
1,2,4-Trichlorobenzene	0.0012	U	0.0012	0.00043	mg/Kg	☼	10/14/25 09:50	10/15/25 03:25	1
1,2,4-Trimethylbenzene	0.0012	U	0.0012	0.00030	mg/Kg	☼	10/14/25 09:50	10/15/25 03:25	1
1,2-Dibromo-3-Chloropropane	0.0012	U	0.0012	0.00055	mg/Kg	☼	10/14/25 09:50	10/15/25 03:25	1
1,2-Dichlorobenzene	0.0012	U	0.0012	0.00044	mg/Kg	☼	10/14/25 09:50	10/15/25 03:25	1
1,2-Dichloroethane	0.0012	U	0.0012	0.00036	mg/Kg	☼	10/14/25 09:50	10/15/25 03:25	1
1,2-Dichloropropane	0.0012	U	0.0012	0.00051	mg/Kg	☼	10/14/25 09:50	10/15/25 03:25	1
1,3,5-Trimethylbenzene	0.0012	U	0.0012	0.00038	mg/Kg	☼	10/14/25 09:50	10/15/25 03:25	1
1,3-Dichlorobenzene	0.0012	U	0.0012	0.00044	mg/Kg	☼	10/14/25 09:50	10/15/25 03:25	1
1,4-Dichlorobenzene	0.0012	U	0.0012	0.00063	mg/Kg	☼	10/14/25 09:50	10/15/25 03:25	1
2-Butanone (MEK)	0.0060	U	0.0060	0.00044	mg/Kg	☼	10/14/25 09:50	10/15/25 03:25	1
2-Hexanone	0.0060	U	0.0060	0.0021	mg/Kg	☼	10/14/25 09:50	10/15/25 03:25	1
4-Methyl-2-pentanone (MIBK)	0.0060	U	0.0060	0.0019	mg/Kg	☼	10/14/25 09:50	10/15/25 03:25	1
Acetone	0.0072	U	0.0072	0.0069	mg/Kg	☼	10/14/25 09:50	10/15/25 03:25	1
Benzene	0.0012	U	0.0012	0.00068	mg/Kg	☼	10/14/25 09:50	10/15/25 03:25	1
Bromoform	0.0012	U	0.0012	0.00051	mg/Kg	☼	10/14/25 09:50	10/15/25 03:25	1
Bromomethane	0.0024	U	0.0024	0.0012	mg/Kg	☼	10/14/25 09:50	10/15/25 03:25	1
Carbon disulfide	0.0012	U	0.0012	0.00032	mg/Kg	☼	10/14/25 09:50	10/15/25 03:25	1
Carbon tetrachloride	0.0012	U	0.0012	0.00047	mg/Kg	☼	10/14/25 09:50	10/15/25 03:25	1
Chlorobenzene	0.0012	U	0.0012	0.00061	mg/Kg	☼	10/14/25 09:50	10/15/25 03:25	1
Chlorobromomethane	0.0012	U	0.0012	0.00072	mg/Kg	☼	10/14/25 09:50	10/15/25 03:25	1
Chlorodibromomethane	0.0012	U	0.0012	0.00065	mg/Kg	☼	10/14/25 09:50	10/15/25 03:25	1
Chloroethane	0.0012	U	0.0012	0.00063	mg/Kg	☼	10/14/25 09:50	10/15/25 03:25	1
Chloroform	0.0012	U	0.0012	0.0012	mg/Kg	☼	10/14/25 09:50	10/15/25 03:25	1
Chloromethane	0.0012	U	0.0012	0.00052	mg/Kg	☼	10/14/25 09:50	10/15/25 03:25	1
cis-1,2-Dichloroethene	0.0012	U	0.0012	0.00043	mg/Kg	☼	10/14/25 09:50	10/15/25 03:25	1
cis-1,3-Dichloropropene	0.0012	U	0.0012	0.00033	mg/Kg	☼	10/14/25 09:50	10/15/25 03:25	1
Cyclohexane	0.0012	U	0.0012	0.00027	mg/Kg	☼	10/14/25 09:50	10/15/25 03:25	1
Dichlorobromomethane	0.0012	U	0.0012	0.00031	mg/Kg	☼	10/14/25 09:50	10/15/25 03:25	1
Dichlorodifluoromethane	0.0012	U *	0.0012	0.00041	mg/Kg	☼	10/14/25 09:50	10/15/25 03:25	1
Ethylbenzene	0.0012	U	0.0012	0.00056	mg/Kg	☼	10/14/25 09:50	10/15/25 03:25	1
Ethylene Dibromide	0.0012	U	0.0012	0.00061	mg/Kg	☼	10/14/25 09:50	10/15/25 03:25	1
Isopropylbenzene	0.0012	U	0.0012	0.00034	mg/Kg	☼	10/14/25 09:50	10/15/25 03:25	1
Methyl acetate	0.0060	U	0.0060	0.0052	mg/Kg	☼	10/14/25 09:50	10/15/25 03:25	1
Methyl tert-butyl ether	0.0012	U	0.0012	0.00062	mg/Kg	☼	10/14/25 09:50	10/15/25 03:25	1
Methylcyclohexane	0.0012	U	0.0012	0.00060	mg/Kg	☼	10/14/25 09:50	10/15/25 03:25	1
Methylene Chloride	**0.0024**		0.0024	0.0014	mg/Kg	☼	10/14/25 09:50	10/15/25 03:25	1
m-Xylene & p-Xylene	0.0012	U	0.0012	0.00051	mg/Kg	☼	10/14/25 09:50	10/15/25 03:25	1
n-Butylbenzene	0.0012	U	0.0012	0.00035	mg/Kg	☼	10/14/25 09:50	10/15/25 03:25	1
N-Propylbenzene	0.0012	U	0.0012	0.00054	mg/Kg	☼	10/14/25 09:50	10/15/25 03:25	1
o-Xylene	0.0012	U	0.0012	0.00056	mg/Kg	☼	10/14/25 09:50	10/15/25 03:25	1
sec-Butylbenzene	0.0012	U	0.0012	0.00035	mg/Kg	☼	10/14/25 09:50	10/15/25 03:25	1
Styrene	0.0012	U	0.0012	0.00034	mg/Kg	☼	10/14/25 09:50	10/15/25 03:25	1
tert-Butylbenzene	0.0012	U	0.0012	0.00033	mg/Kg	☼	10/14/25 09:50	10/15/25 03:25	1
Tetrachloroethene	0.0012	U	0.0012	0.00037	mg/Kg	☼	10/14/25 09:50	10/15/25 03:25	1

Client Sample ID: 52B2_2-3

Date Collected: 10/10/25 09:55
Date Received: 10/10/25 17:30

Lab Sample ID: 460-337049-37
Matrix: Solid
Percent Solids: 95.4

Method: SW846 8260D - Volatile Organic Compounds by GC/MS (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Toluene	0.0012	U	0.0012	0.00028	mg/Kg	☼	10/14/25 09:50	10/15/25 03:25	1
trans-1,2-Dichloroethene	0.0012	U	0.0012	0.00030	mg/Kg	☼	10/14/25 09:50	10/15/25 03:25	1
trans-1,3-Dichloropropene	0.0012	U	0.0012	0.00032	mg/Kg	☼	10/14/25 09:50	10/15/25 03:25	1
Trichloroethene	0.0012	U	0.0012	0.00039	mg/Kg	☼	10/14/25 09:50	10/15/25 03:25	1
Trichlorofluoromethane	0.0012	U	0.0012	0.00049	mg/Kg	☼	10/14/25 09:50	10/15/25 03:25	1
Vinyl chloride	0.0012	U	0.0012	0.00066	mg/Kg	☼	10/14/25 09:50	10/15/25 03:25	1
Xylenes, Total	0.0024	U	0.0024	0.00021	mg/Kg	☼	10/14/25 09:50	10/15/25 03:25	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,2-Dichloroethane-d4 (Surr)	*84*		*65 - 138*	*10/14/25 09:50*	*10/15/25 03:25*	*1*
4-Bromofluorobenzene	*95*		*71 - 128*	*10/14/25 09:50*	*10/15/25 03:25*	*1*
Dibromofluoromethane (Surr)	*97*		*50 - 150*	*10/14/25 09:50*	*10/15/25 03:25*	*1*
Toluene-d8 (Surr)	*100*		*71 - 126*	*10/14/25 09:50*	*10/15/25 03:25*	*1*

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Percent Moisture (EPA Moisture)	**4.6**		1.0	1.0	%			10/15/25 19:49	1
Percent Solids (EPA Moisture)	**95.4**		1.0	1.0	%			10/15/25 19:49	1

Client Sample ID: 52B3_3-4

Date Collected: 10/10/25 10:00
Date Received: 10/10/25 17:30

Lab Sample ID: 460-337049-38
Matrix: Solid
Percent Solids: 95.7

Method: SW846 8260D - Volatile Organic Compounds by GC/MS

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1-Trichloroethane	0.0010	U	0.0010	0.00024	mg/Kg	☼	10/14/25 09:50	10/15/25 03:49	1
1,1,2,2-Tetrachloroethane	0.0010	U	0.0010	0.00054	mg/Kg	☼	10/14/25 09:50	10/15/25 03:49	1
1,1,2-Trichloro-1,2,2-trifluoroethane	0.0010	U	0.0010	0.00031	mg/Kg	☼	10/14/25 09:50	10/15/25 03:49	1
1,1,2-Trichloroethane	0.0010	U	0.0010	0.00062	mg/Kg	☼	10/14/25 09:50	10/15/25 03:49	1
1,1-Dichloroethane	0.0010	U	0.0010	0.00061	mg/Kg	☼	10/14/25 09:50	10/15/25 03:49	1
1,1-Dichloroethene	0.0010	U	0.0010	0.00023	mg/Kg	☼	10/14/25 09:50	10/15/25 03:49	1
1,2,3-Trichlorobenzene	0.0010	U	0.0010	0.00076	mg/Kg	☼	10/14/25 09:50	10/15/25 03:49	1
1,2,4-Trichlorobenzene	0.0010	U	0.0010	0.00037	mg/Kg	☼	10/14/25 09:50	10/15/25 03:49	1
1,2,4-Trimethylbenzene	0.0010	U	0.0010	0.00025	mg/Kg	☼	10/14/25 09:50	10/15/25 03:49	1
1,2-Dibromo-3-Chloropropane	0.0010	U	0.0010	0.00047	mg/Kg	☼	10/14/25 09:50	10/15/25 03:49	1
1,2-Dichlorobenzene	0.0010	U	0.0010	0.00037	mg/Kg	☼	10/14/25 09:50	10/15/25 03:49	1
1,2-Dichloroethane	0.0010	U	0.0010	0.00030	mg/Kg	☼	10/14/25 09:50	10/15/25 03:49	1
1,2-Dichloropropane	0.0010	U	0.0010	0.00043	mg/Kg	☼	10/14/25 09:50	10/15/25 03:49	1
1,3,5-Trimethylbenzene	0.0010	U	0.0010	0.00032	mg/Kg	☼	10/14/25 09:50	10/15/25 03:49	1
1,3-Dichlorobenzene	0.0010	U	0.0010	0.00037	mg/Kg	☼	10/14/25 09:50	10/15/25 03:49	1
1,4-Dichlorobenzene	0.0010	U	0.0010	0.00053	mg/Kg	☼	10/14/25 09:50	10/15/25 03:49	1
2-Butanone (MEK)	0.0051	U	0.0051	0.00038	mg/Kg	☼	10/14/25 09:50	10/15/25 03:49	1
2-Hexanone	0.0051	U	0.0051	0.0018	mg/Kg	☼	10/14/25 09:50	10/15/25 03:49	1
4-Methyl-2-pentanone (MIBK)	0.0051	U	0.0051	0.0016	mg/Kg	☼	10/14/25 09:50	10/15/25 03:49	1
Acetone	0.0062	U	0.0062	0.0059	mg/Kg	☼	10/14/25 09:50	10/15/25 03:49	1
Benzene	0.0010	U	0.0010	0.00058	mg/Kg	☼	10/14/25 09:50	10/15/25 03:49	1
Bromoform	0.0010	U	0.0010	0.00044	mg/Kg	☼	10/14/25 09:50	10/15/25 03:49	1
Bromomethane	0.0021	U	0.0021	0.0010	mg/Kg	☼	10/14/25 09:50	10/15/25 03:49	1
Carbon disulfide	0.0010	U	0.0010	0.00027	mg/Kg	☼	10/14/25 09:50	10/15/25 03:49	1
Carbon tetrachloride	0.0010	U	0.0010	0.00040	mg/Kg	☼	10/14/25 09:50	10/15/25 03:49	1

Client Sample ID: 52B3_3-4
Date Collected: 10/10/25 10:00
Date Received: 10/10/25 17:30

Lab Sample ID: 460-337049-38
Matrix: Solid
Percent Solids: 95.7

Method: SW846 8260D - Volatile Organic Compounds by GC/MS (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chlorobenzene	0.0010	U	0.0010	0.00052	mg/Kg	☼	10/14/25 09:50	10/15/25 03:49	1
Chlorobromomethane	0.0010	U	0.0010	0.00061	mg/Kg	☼	10/14/25 09:50	10/15/25 03:49	1
Chlorodibromomethane	0.0010	U	0.0010	0.00055	mg/Kg	☼	10/14/25 09:50	10/15/25 03:49	1
Chloroethane	0.0010	U	0.0010	0.00054	mg/Kg	☼	10/14/25 09:50	10/15/25 03:49	1
Chloroform	0.0010	U	0.0010	0.0010	mg/Kg	☼	10/14/25 09:50	10/15/25 03:49	1
Chloromethane	0.0010	U	0.0010	0.00045	mg/Kg	☼	10/14/25 09:50	10/15/25 03:49	1
cis-1,2-Dichloroethene	0.0010	U	0.0010	0.00037	mg/Kg	☼	10/14/25 09:50	10/15/25 03:49	1
cis-1,3-Dichloropropene	0.0010	U	0.0010	0.00028	mg/Kg	☼	10/14/25 09:50	10/15/25 03:49	1
Cyclohexane	0.0010	U	0.0010	0.00023	mg/Kg	☼	10/14/25 09:50	10/15/25 03:49	1
Dichlorobromomethane	0.0010	U	0.0010	0.00026	mg/Kg	☼	10/14/25 09:50	10/15/25 03:49	1
Dichlorodifluoromethane	0.0010	U *	0.0010	0.00035	mg/Kg	☼	10/14/25 09:50	10/15/25 03:49	1
Ethylbenzene	0.0010	U	0.0010	0.00048	mg/Kg	☼	10/14/25 09:50	10/15/25 03:49	1
Ethylene Dibromide	0.0010	U	0.0010	0.00052	mg/Kg	☼	10/14/25 09:50	10/15/25 03:49	1
Isopropylbenzene	0.0010	U	0.0010	0.00029	mg/Kg	☼	10/14/25 09:50	10/15/25 03:49	1
Methyl acetate	0.0051	U	0.0051	0.0044	mg/Kg	☼	10/14/25 09:50	10/15/25 03:49	1
Methyl tert-butyl ether	0.0010	U	0.0010	0.00053	mg/Kg	☼	10/14/25 09:50	10/15/25 03:49	1
Methylcyclohexane	0.0010	U	0.0010	0.00051	mg/Kg	☼	10/14/25 09:50	10/15/25 03:49	1
Methylene Chloride	**0.0013**	**J**	0.0021	0.0012	mg/Kg	☼	10/14/25 09:50	10/15/25 03:49	1
m-Xylene & p-Xylene	0.0010	U	0.0010	0.00043	mg/Kg	☼	10/14/25 09:50	10/15/25 03:49	1
n-Butylbenzene	0.0010	U	0.0010	0.00030	mg/Kg	☼	10/14/25 09:50	10/15/25 03:49	1
N-Propylbenzene	0.0010	U	0.0010	0.00046	mg/Kg	☼	10/14/25 09:50	10/15/25 03:49	1
o-Xylene	0.0010	U	0.0010	0.00047	mg/Kg	☼	10/14/25 09:50	10/15/25 03:49	1
sec-Butylbenzene	0.0010	U	0.0010	0.00030	mg/Kg	☼	10/14/25 09:50	10/15/25 03:49	1
Styrene	0.0010	U	0.0010	0.00029	mg/Kg	☼	10/14/25 09:50	10/15/25 03:49	1
tert-Butylbenzene	0.0010	U	0.0010	0.00028	mg/Kg	☼	10/14/25 09:50	10/15/25 03:49	1
Tetrachloroethene	0.0010	U	0.0010	0.00031	mg/Kg	☼	10/14/25 09:50	10/15/25 03:49	1
Toluene	**0.00050**	**J**	0.0010	0.00024	mg/Kg	☼	10/14/25 09:50	10/15/25 03:49	1
trans-1,2-Dichloroethene	0.0010	U	0.0010	0.00025	mg/Kg	☼	10/14/25 09:50	10/15/25 03:49	1
trans-1,3-Dichloropropene	0.0010	U	0.0010	0.00027	mg/Kg	☼	10/14/25 09:50	10/15/25 03:49	1
Trichloroethene	0.0010	U	0.0010	0.00033	mg/Kg	☼	10/14/25 09:50	10/15/25 03:49	1
Trichlorofluoromethane	0.0010	U	0.0010	0.00042	mg/Kg	☼	10/14/25 09:50	10/15/25 03:49	1
Vinyl chloride	0.0010	U	0.0010	0.00056	mg/Kg	☼	10/14/25 09:50	10/15/25 03:49	1
Xylenes, Total	0.0021	U	0.0021	0.00018	mg/Kg	☼	10/14/25 09:50	10/15/25 03:49	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,2-Dichloroethane-d4 (Surr)	*87*		*65 - 138*	*10/14/25 09:50*	*10/15/25 03:49*	*1*
4-Bromofluorobenzene	*90*		*71 - 128*	*10/14/25 09:50*	*10/15/25 03:49*	*1*
Dibromofluoromethane (Surr)	*98*		*50 - 150*	*10/14/25 09:50*	*10/15/25 03:49*	*1*
Toluene-d8 (Surr)	*97*		*71 - 126*	*10/14/25 09:50*	*10/15/25 03:49*	*1*

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Percent Moisture (EPA Moisture)	**4.3**		1.0	1.0	%			10/15/25 19:49	1
Percent Solids (EPA Moisture)	**95.7**		1.0	1.0	%			10/15/25 19:49	1

Client: Haley & Aldrich, Inc.
Project/Site: Former Port Mobil

Job ID: 460-337049-1

Client Sample ID: 52B1_5-6
Date Collected: 10/10/25 10:05
Date Received: 10/10/25 17:30

Lab Sample ID: 460-337049-39
Matrix: Solid
Percent Solids: 94.4

Method: SW846 8260D - Volatile Organic Compounds by GC/MS

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1-Trichloroethane	0.0012	U	0.0012	0.00028	mg/Kg	☼	10/14/25 09:50	10/15/25 04:13	1
1,1,2,2-Tetrachloroethane	0.0012	U	0.0012	0.00064	mg/Kg	☼	10/14/25 09:50	10/15/25 04:13	1
1,1,2-Trichloro-1,2,2-trifluoroethane	0.0012	U	0.0012	0.00037	mg/Kg	☼	10/14/25 09:50	10/15/25 04:13	1
1,1,2-Trichloroethane	0.0012	U	0.0012	0.00073	mg/Kg	☼	10/14/25 09:50	10/15/25 04:13	1
1,1-Dichloroethane	0.0012	U	0.0012	0.00073	mg/Kg	☼	10/14/25 09:50	10/15/25 04:13	1
1,1-Dichloroethene	0.0012	U	0.0012	0.00027	mg/Kg	☼	10/14/25 09:50	10/15/25 04:13	1
1,2,3-Trichlorobenzene	0.0012	U	0.0012	0.00090	mg/Kg	☼	10/14/25 09:50	10/15/25 04:13	1
1,2,4-Trichlorobenzene	0.0012	U	0.0012	0.00044	mg/Kg	☼	10/14/25 09:50	10/15/25 04:13	1
1,2,4-Trimethylbenzene	0.0012	U	0.0012	0.00030	mg/Kg	☼	10/14/25 09:50	10/15/25 04:13	1
1,2-Dibromo-3-Chloropropane	0.0012	U	0.0012	0.00056	mg/Kg	☼	10/14/25 09:50	10/15/25 04:13	1
1,2-Dichlorobenzene	0.0012	U	0.0012	0.00044	mg/Kg	☼	10/14/25 09:50	10/15/25 04:13	1
1,2-Dichloroethane	0.0012	U	0.0012	0.00036	mg/Kg	☼	10/14/25 09:50	10/15/25 04:13	1
1,2-Dichloropropane	0.0012	U	0.0012	0.00051	mg/Kg	☼	10/14/25 09:50	10/15/25 04:13	1
1,3,5-Trimethylbenzene	0.0012	U	0.0012	0.00038	mg/Kg	☼	10/14/25 09:50	10/15/25 04:13	1
1,3-Dichlorobenzene	0.0012	U	0.0012	0.00044	mg/Kg	☼	10/14/25 09:50	10/15/25 04:13	1
1,4-Dichlorobenzene	0.0012	U	0.0012	0.00063	mg/Kg	☼	10/14/25 09:50	10/15/25 04:13	1
2-Butanone (MEK)	0.0061	U	0.0061	0.00045	mg/Kg	☼	10/14/25 09:50	10/15/25 04:13	1
2-Hexanone	0.0061	U	0.0061	0.0021	mg/Kg	☼	10/14/25 09:50	10/15/25 04:13	1
4-Methyl-2-pentanone (MIBK)	0.0061	U	0.0061	0.0019	mg/Kg	☼	10/14/25 09:50	10/15/25 04:13	1
Acetone	0.0073	U	0.0073	0.0070	mg/Kg	☼	10/14/25 09:50	10/15/25 04:13	1
Benzene	0.0012	U	0.0012	0.00069	mg/Kg	☼	10/14/25 09:50	10/15/25 04:13	1
Bromoform	0.0012	U	0.0012	0.00052	mg/Kg	☼	10/14/25 09:50	10/15/25 04:13	1
Bromomethane	0.0024	U	0.0024	0.0012	mg/Kg	☼	10/14/25 09:50	10/15/25 04:13	1
Carbon disulfide	0.0012	U	0.0012	0.00032	mg/Kg	☼	10/14/25 09:50	10/15/25 04:13	1
Carbon tetrachloride	0.0012	U	0.0012	0.00047	mg/Kg	☼	10/14/25 09:50	10/15/25 04:13	1
Chlorobenzene	0.0012	U	0.0012	0.00062	mg/Kg	☼	10/14/25 09:50	10/15/25 04:13	1
Chlorobromomethane	0.0012	U	0.0012	0.00073	mg/Kg	☼	10/14/25 09:50	10/15/25 04:13	1
Chlorodibromomethane	0.0012	U	0.0012	0.00065	mg/Kg	☼	10/14/25 09:50	10/15/25 04:13	1
Chloroethane	0.0012	U	0.0012	0.00064	mg/Kg	☼	10/14/25 09:50	10/15/25 04:13	1
Chloroform	0.0012	U	0.0012	0.0012	mg/Kg	☼	10/14/25 09:50	10/15/25 04:13	1
Chloromethane	0.0012	U	0.0012	0.00053	mg/Kg	☼	10/14/25 09:50	10/15/25 04:13	1
cis-1,2-Dichloroethene	0.0012	U	0.0012	0.00044	mg/Kg	☼	10/14/25 09:50	10/15/25 04:13	1
cis-1,3-Dichloropropene	0.0012	U	0.0012	0.00033	mg/Kg	☼	10/14/25 09:50	10/15/25 04:13	1
Cyclohexane	0.0012	U	0.0012	0.00027	mg/Kg	☼	10/14/25 09:50	10/15/25 04:13	1
Dichlorobromomethane	0.0012	U	0.0012	0.00031	mg/Kg	☼	10/14/25 09:50	10/15/25 04:13	1
Dichlorodifluoromethane	0.0012	U *	0.0012	0.00041	mg/Kg	☼	10/14/25 09:50	10/15/25 04:13	1
Ethylbenzene	0.0012	U	0.0012	0.00057	mg/Kg	☼	10/14/25 09:50	10/15/25 04:13	1
Ethylene Dibromide	0.0012	U	0.0012	0.00061	mg/Kg	☼	10/14/25 09:50	10/15/25 04:13	1
Isopropylbenzene	0.0012	U	0.0012	0.00035	mg/Kg	☼	10/14/25 09:50	10/15/25 04:13	1
Methyl acetate	0.0061	U	0.0061	0.0052	mg/Kg	☼	10/14/25 09:50	10/15/25 04:13	1
Methyl tert-butyl ether	0.0012	U	0.0012	0.00062	mg/Kg	☼	10/14/25 09:50	10/15/25 04:13	1
Methylcyclohexane	0.0012	U	0.0012	0.00061	mg/Kg	☼	10/14/25 09:50	10/15/25 04:13	1
Methylene Chloride	**0.0014**	**J**	0.0024	0.0014	mg/Kg	☼	10/14/25 09:50	10/15/25 04:13	1
m-Xylene & p-Xylene	0.0012	U	0.0012	0.00051	mg/Kg	☼	10/14/25 09:50	10/15/25 04:13	1
n-Butylbenzene	0.0012	U	0.0012	0.00036	mg/Kg	☼	10/14/25 09:50	10/15/25 04:13	1
N-Propylbenzene	0.0012	U	0.0012	0.00055	mg/Kg	☼	10/14/25 09:50	10/15/25 04:13	1
o-Xylene	0.0012	U	0.0012	0.00056	mg/Kg	☼	10/14/25 09:50	10/15/25 04:13	1
sec-Butylbenzene	0.0012	U	0.0012	0.00035	mg/Kg	☼	10/14/25 09:50	10/15/25 04:13	1
Styrene	0.0012	U	0.0012	0.00034	mg/Kg	☼	10/14/25 09:50	10/15/25 04:13	1

Client Sample ID: 52B1_5-6

Lab Sample ID: 460-337049-39
Date Collected: 10/10/25 10:05
Matrix: Solid
Date Received: 10/10/25 17:30
Percent Solids: 94.4

Method: SW846 8260D - Volatile Organic Compounds by GC/MS (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
tert-Butylbenzene	0.0012	U	0.0012	0.00034	mg/Kg	☼	10/14/25 09:50	10/15/25 04:13	1
Tetrachloroethene	0.0012	U	0.0012	0.00037	mg/Kg	☼	10/14/25 09:50	10/15/25 04:13	1
Toluene	0.0012	U	0.0012	0.00028	mg/Kg	☼	10/14/25 09:50	10/15/25 04:13	1
trans-1,2-Dichloroethene	0.0012	U	0.0012	0.00030	mg/Kg	☼	10/14/25 09:50	10/15/25 04:13	1
trans-1,3-Dichloropropene	0.0012	U	0.0012	0.00032	mg/Kg	☼	10/14/25 09:50	10/15/25 04:13	1
Trichloroethene	0.0012	U	0.0012	0.00039	mg/Kg	☼	10/14/25 09:50	10/15/25 04:13	1
Trichlorofluoromethane	0.0012	U	0.0012	0.00049	mg/Kg	☼	10/14/25 09:50	10/15/25 04:13	1
Vinyl chloride	0.0012	U	0.0012	0.00066	mg/Kg	☼	10/14/25 09:50	10/15/25 04:13	1
Xylenes, Total	0.0024	U	0.0024	0.00021	mg/Kg	☼	10/14/25 09:50	10/15/25 04:13	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,2-Dichloroethane-d4 (Surr)	*88*		*65 - 138*	*10/14/25 09:50*	*10/15/25 04:13*	*1*
4-Bromofluorobenzene	*103*		*71 - 128*	*10/14/25 09:50*	*10/15/25 04:13*	*1*
Dibromofluoromethane (Surr)	*103*		*50 - 150*	*10/14/25 09:50*	*10/15/25 04:13*	*1*
Toluene-d8 (Surr)	*105*		*71 - 126*	*10/14/25 09:50*	*10/15/25 04:13*	*1*

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Percent Moisture (EPA Moisture)	**5.6**		1.0	1.0	%			10/15/25 19:49	1
Percent Solids (EPA Moisture)	**94.4**		1.0	1.0	%			10/15/25 19:49	1

Client Sample ID: 52B2_7-8

Lab Sample ID: 460-337049-40
Date Collected: 10/10/25 10:10
Matrix: Solid
Date Received: 10/10/25 17:30
Percent Solids: 98.2

Method: SW846 8260D - Volatile Organic Compounds by GC/MS

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1-Trichloroethane	0.00070	U	0.00070	0.00016	mg/Kg	☼	10/14/25 10:01	10/15/25 04:37	1
1,1,2,2-Tetrachloroethane	0.00070	U	0.00070	0.00037	mg/Kg	☼	10/14/25 10:01	10/15/25 04:37	1
1,1,2-Trichloro-1,2,2-trifluoroethane	0.00070	U	0.00070	0.00021	mg/Kg	☼	10/14/25 10:01	10/15/25 04:37	1
1,1,2-Trichloroethane	0.00070	U	0.00070	0.00042	mg/Kg	☼	10/14/25 10:01	10/15/25 04:37	1
1,1-Dichloroethane	0.00070	U	0.00070	0.00042	mg/Kg	☼	10/14/25 10:01	10/15/25 04:37	1
1,1-Dichloroethene	0.00070	U	0.00070	0.00016	mg/Kg	☼	10/14/25 10:01	10/15/25 04:37	1
1,2,3-Trichlorobenzene	0.00070	U	0.00070	0.00052	mg/Kg	☼	10/14/25 10:01	10/15/25 04:37	1
1,2,4-Trichlorobenzene	0.00070	U	0.00070	0.00025	mg/Kg	☼	10/14/25 10:01	10/15/25 04:37	1
1,2,4-Trimethylbenzene	0.00070	U	0.00070	0.00017	mg/Kg	☼	10/14/25 10:01	10/15/25 04:37	1
1,2-Dibromo-3-Chloropropane	0.00070	U	0.00070	0.00032	mg/Kg	☼	10/14/25 10:01	10/15/25 04:37	1
1,2-Dichlorobenzene	0.00070	U	0.00070	0.00025	mg/Kg	☼	10/14/25 10:01	10/15/25 04:37	1
1,2-Dichloroethane	0.00070	U	0.00070	0.00021	mg/Kg	☼	10/14/25 10:01	10/15/25 04:37	1
1,2-Dichloropropane	0.00070	U	0.00070	0.00030	mg/Kg	☼	10/14/25 10:01	10/15/25 04:37	1
1,3,5-Trimethylbenzene	0.00070	U	0.00070	0.00022	mg/Kg	☼	10/14/25 10:01	10/15/25 04:37	1
1,3-Dichlorobenzene	0.00070	U	0.00070	0.00026	mg/Kg	☼	10/14/25 10:01	10/15/25 04:37	1
1,4-Dichlorobenzene	0.00070	U	0.00070	0.00036	mg/Kg	☼	10/14/25 10:01	10/15/25 04:37	1
2-Butanone (MEK)	0.0035	U	0.0035	0.00026	mg/Kg	☼	10/14/25 10:01	10/15/25 04:37	1
2-Hexanone	0.0035	U	0.0035	0.0012	mg/Kg	☼	10/14/25 10:01	10/15/25 04:37	1
4-Methyl-2-pentanone (MIBK)	0.0035	U	0.0035	0.0011	mg/Kg	☼	10/14/25 10:01	10/15/25 04:37	1
Acetone	0.0042	U	0.0042	0.0040	mg/Kg	☼	10/14/25 10:01	10/15/25 04:37	1
Benzene	0.00070	U	0.00070	0.00040	mg/Kg	☼	10/14/25 10:01	10/15/25 04:37	1
Bromoform	0.00070	U	0.00070	0.00030	mg/Kg	☼	10/14/25 10:01	10/15/25 04:37	1
Bromomethane	0.0014	U	0.0014	0.00070	mg/Kg	☼	10/14/25 10:01	10/15/25 04:37	1

Client Sample ID: 52B2_7-8
Date Collected: 10/10/25 10:10
Date Received: 10/10/25 17:30

Lab Sample ID: 460-337049-40
Matrix: Solid
Percent Solids: 98.2

Method: SW846 8260D - Volatile Organic Compounds by GC/MS (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Carbon disulfide	0.00070	U	0.00070	0.00019	mg/Kg	☼	10/14/25 10:01	10/15/25 04:37	1
Carbon tetrachloride	0.00070	U	0.00070	0.00027	mg/Kg	☼	10/14/25 10:01	10/15/25 04:37	1
Chlorobenzene	0.00070	U	0.00070	0.00036	mg/Kg	☼	10/14/25 10:01	10/15/25 04:37	1
Chlorobromomethane	0.00070	U	0.00070	0.00042	mg/Kg	☼	10/14/25 10:01	10/15/25 04:37	1
Chlorodibromomethane	0.00070	U	0.00070	0.00038	mg/Kg	☼	10/14/25 10:01	10/15/25 04:37	1
Chloroethane	0.00070	U	0.00070	0.00037	mg/Kg	☼	10/14/25 10:01	10/15/25 04:37	1
Chloroform	0.00070	U	0.00070	0.00068	mg/Kg	☼	10/14/25 10:01	10/15/25 04:37	1
Chloromethane	0.00070	U	0.00070	0.00030	mg/Kg	☼	10/14/25 10:01	10/15/25 04:37	1
cis-1,2-Dichloroethene	0.00070	U	0.00070	0.00025	mg/Kg	☼	10/14/25 10:01	10/15/25 04:37	1
cis-1,3-Dichloropropene	0.00070	U	0.00070	0.00019	mg/Kg	☼	10/14/25 10:01	10/15/25 04:37	1
Cyclohexane	0.00070	U	0.00070	0.00015	mg/Kg	☼	10/14/25 10:01	10/15/25 04:37	1
Dichlorobromomethane	0.00070	U	0.00070	0.00018	mg/Kg	☼	10/14/25 10:01	10/15/25 04:37	1
Dichlorodifluoromethane	0.00070	U *	0.00070	0.00024	mg/Kg	☼	10/14/25 10:01	10/15/25 04:37	1
Ethylbenzene	0.00070	U	0.00070	0.00033	mg/Kg	☼	10/14/25 10:01	10/15/25 04:37	1
Ethylene Dibromide	0.00070	U	0.00070	0.00035	mg/Kg	☼	10/14/25 10:01	10/15/25 04:37	1
Isopropylbenzene	0.00070	U	0.00070	0.00020	mg/Kg	☼	10/14/25 10:01	10/15/25 04:37	1
Methyl acetate	0.0035	U	0.0035	0.0030	mg/Kg	☼	10/14/25 10:01	10/15/25 04:37	1
Methyl tert-butyl ether	0.00070	U	0.00070	0.00036	mg/Kg	☼	10/14/25 10:01	10/15/25 04:37	1
Methylcyclohexane	0.00070	U	0.00070	0.00035	mg/Kg	☼	10/14/25 10:01	10/15/25 04:37	1
Methylene Chloride	**0.0019**		0.0014	0.00080	mg/Kg	☼	10/14/25 10:01	10/15/25 04:37	1
m-Xylene & p-Xylene	0.00070	U	0.00070	0.00030	mg/Kg	☼	10/14/25 10:01	10/15/25 04:37	1
n-Butylbenzene	0.00070	U	0.00070	0.00021	mg/Kg	☼	10/14/25 10:01	10/15/25 04:37	1
N-Propylbenzene	0.00070	U	0.00070	0.00031	mg/Kg	☼	10/14/25 10:01	10/15/25 04:37	1
o-Xylene	0.00070	U	0.00070	0.00032	mg/Kg	☼	10/14/25 10:01	10/15/25 04:37	1
sec-Butylbenzene	0.00070	U	0.00070	0.00020	mg/Kg	☼	10/14/25 10:01	10/15/25 04:37	1
Styrene	0.00070	U	0.00070	0.00019	mg/Kg	☼	10/14/25 10:01	10/15/25 04:37	1
tert-Butylbenzene	0.00070	U	0.00070	0.00019	mg/Kg	☼	10/14/25 10:01	10/15/25 04:37	1
Tetrachloroethene	0.00070	U	0.00070	0.00021	mg/Kg	☼	10/14/25 10:01	10/15/25 04:37	1
Toluene	**0.00031**	**J**	0.00070	0.00016	mg/Kg	☼	10/14/25 10:01	10/15/25 04:37	1
trans-1,2-Dichloroethene	0.00070	U	0.00070	0.00017	mg/Kg	☼	10/14/25 10:01	10/15/25 04:37	1
trans-1,3-Dichloropropene	0.00070	U	0.00070	0.00019	mg/Kg	☼	10/14/25 10:01	10/15/25 04:37	1
Trichloroethene	0.00070	U	0.00070	0.00022	mg/Kg	☼	10/14/25 10:01	10/15/25 04:37	1
Trichlorofluoromethane	0.00070	U	0.00070	0.00028	mg/Kg	☼	10/14/25 10:01	10/15/25 04:37	1
Vinyl chloride	0.00070	U	0.00070	0.00038	mg/Kg	☼	10/14/25 10:01	10/15/25 04:37	1
Xylenes, Total	0.0014	U	0.0014	0.00012	mg/Kg	☼	10/14/25 10:01	10/15/25 04:37	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,2-Dichloroethane-d4 (Surr)	*89*		*65 - 138*	*10/14/25 10:01*	*10/15/25 04:37*	*1*
4-Bromofluorobenzene	*100*		*71 - 128*	*10/14/25 10:01*	*10/15/25 04:37*	*1*
Dibromofluoromethane (Surr)	*100*		*50 - 150*	*10/14/25 10:01*	*10/15/25 04:37*	*1*
Toluene-d8 (Surr)	*102*		*71 - 126*	*10/14/25 10:01*	*10/15/25 04:37*	*1*

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Percent Moisture (EPA Moisture)	**1.8**		1.0	1.0	%			10/15/25 19:49	1
Percent Solids (EPA Moisture)	**98.2**		1.0	1.0	%			10/15/25 19:49	1

Client Sample ID: 52B3_4-5
Date Collected: 10/10/25 10:15
Date Received: 10/10/25 17:30

Lab Sample ID: 460-337049-41
Matrix: Solid
Percent Solids: 98.8

Method: SW846 8260D - Volatile Organic Compounds by GC/MS

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1-Trichloroethane	0.0011	U	0.0011	0.00026	mg/Kg	☼	10/14/25 10:01	10/15/25 05:01	1
1,1,2,2-Tetrachloroethane	0.0011	U	0.0011	0.00058	mg/Kg	☼	10/14/25 10:01	10/15/25 05:01	1
1,1,2-Trichloro-1,2,2-trifluoroethane	0.0011	U	0.0011	0.00033	mg/Kg	☼	10/14/25 10:01	10/15/25 05:01	1
1,1,2-Trichloroethane	0.0011	U	0.0011	0.00066	mg/Kg	☼	10/14/25 10:01	10/15/25 05:01	1
1,1-Dichloroethane	0.0011	U	0.0011	0.00066	mg/Kg	☼	10/14/25 10:01	10/15/25 05:01	1
1,1-Dichloroethene	0.0011	U	0.0011	0.00025	mg/Kg	☼	10/14/25 10:01	10/15/25 05:01	1
1,2,3-Trichlorobenzene	0.0011	U	0.0011	0.00081	mg/Kg	☼	10/14/25 10:01	10/15/25 05:01	1
1,2,4-Trichlorobenzene	0.0011	U	0.0011	0.00040	mg/Kg	☼	10/14/25 10:01	10/15/25 05:01	1
1,2,4-Trimethylbenzene	0.0011	U	0.0011	0.00027	mg/Kg	☼	10/14/25 10:01	10/15/25 05:01	1
1,2-Dibromo-3-Chloropropane	0.0011	U	0.0011	0.00051	mg/Kg	☼	10/14/25 10:01	10/15/25 05:01	1
1,2-Dichlorobenzene	0.0011	U	0.0011	0.00040	mg/Kg	☼	10/14/25 10:01	10/15/25 05:01	1
1,2-Dichloroethane	0.0011	U	0.0011	0.00033	mg/Kg	☼	10/14/25 10:01	10/15/25 05:01	1
1,2-Dichloropropane	0.0011	U	0.0011	0.00047	mg/Kg	☼	10/14/25 10:01	10/15/25 05:01	1
1,3,5-Trimethylbenzene	0.0011	U	0.0011	0.00035	mg/Kg	☼	10/14/25 10:01	10/15/25 05:01	1
1,3-Dichlorobenzene	0.0011	U	0.0011	0.00040	mg/Kg	☼	10/14/25 10:01	10/15/25 05:01	1
1,4-Dichlorobenzene	0.0011	U	0.0011	0.00057	mg/Kg	☼	10/14/25 10:01	10/15/25 05:01	1
2-Butanone (MEK)	0.0055	U	0.0055	0.00041	mg/Kg	☼	10/14/25 10:01	10/15/25 05:01	1
2-Hexanone	0.0055	U	0.0055	0.0019	mg/Kg	☼	10/14/25 10:01	10/15/25 05:01	1
4-Methyl-2-pentanone (MIBK)	0.0055	U	0.0055	0.0017	mg/Kg	☼	10/14/25 10:01	10/15/25 05:01	1
Acetone	0.0066	U	0.0066	0.0063	mg/Kg	☼	10/14/25 10:01	10/15/25 05:01	1
Benzene	0.0011	U	0.0011	0.00063	mg/Kg	☼	10/14/25 10:01	10/15/25 05:01	1
Bromoform	0.0011	U	0.0011	0.00047	mg/Kg	☼	10/14/25 10:01	10/15/25 05:01	1
Bromomethane	0.0022	U	0.0022	0.0011	mg/Kg	☼	10/14/25 10:01	10/15/25 05:01	1
Carbon disulfide	0.0011	U	0.0011	0.00029	mg/Kg	☼	10/14/25 10:01	10/15/25 05:01	1
Carbon tetrachloride	0.0011	U	0.0011	0.00043	mg/Kg	☼	10/14/25 10:01	10/15/25 05:01	1
Chlorobenzene	0.0011	U	0.0011	0.00056	mg/Kg	☼	10/14/25 10:01	10/15/25 05:01	1
Chlorobromomethane	0.0011	U	0.0011	0.00066	mg/Kg	☼	10/14/25 10:01	10/15/25 05:01	1
Chlorodibromomethane	0.0011	U	0.0011	0.00059	mg/Kg	☼	10/14/25 10:01	10/15/25 05:01	1
Chloroethane	0.0011	U	0.0011	0.00058	mg/Kg	☼	10/14/25 10:01	10/15/25 05:01	1
Chloroform	0.0011	U	0.0011	0.0011	mg/Kg	☼	10/14/25 10:01	10/15/25 05:01	1
Chloromethane	0.0011	U	0.0011	0.00048	mg/Kg	☼	10/14/25 10:01	10/15/25 05:01	1
cis-1,2-Dichloroethene	0.0011	U	0.0011	0.00040	mg/Kg	☼	10/14/25 10:01	10/15/25 05:01	1
cis-1,3-Dichloropropene	0.0011	U	0.0011	0.00030	mg/Kg	☼	10/14/25 10:01	10/15/25 05:01	1
Cyclohexane	0.0011	U	0.0011	0.00024	mg/Kg	☼	10/14/25 10:01	10/15/25 05:01	1
Dichlorobromomethane	0.0011	U	0.0011	0.00028	mg/Kg	☼	10/14/25 10:01	10/15/25 05:01	1
Dichlorodifluoromethane	0.0011	U *	0.0011	0.00037	mg/Kg	☼	10/14/25 10:01	10/15/25 05:01	1
Ethylbenzene	0.0011	U	0.0011	0.00052	mg/Kg	☼	10/14/25 10:01	10/15/25 05:01	1
Ethylene Dibromide	0.0011	U	0.0011	0.00056	mg/Kg	☼	10/14/25 10:01	10/15/25 05:01	1
Isopropylbenzene	0.0011	U	0.0011	0.00031	mg/Kg	☼	10/14/25 10:01	10/15/25 05:01	1
Methyl acetate	0.0055	U	0.0055	0.0047	mg/Kg	☼	10/14/25 10:01	10/15/25 05:01	1
Methyl tert-butyl ether	0.0011	U	0.0011	0.00056	mg/Kg	☼	10/14/25 10:01	10/15/25 05:01	1
Methylcyclohexane	0.0011	U	0.0011	0.00055	mg/Kg	☼	10/14/25 10:01	10/15/25 05:01	1
Methylene Chloride	**0.0020**	**J**	0.0022	0.0013	mg/Kg	☼	10/14/25 10:01	10/15/25 05:01	1
m-Xylene & p-Xylene	0.0011	U	0.0011	0.00047	mg/Kg	☼	10/14/25 10:01	10/15/25 05:01	1
n-Butylbenzene	0.0011	U	0.0011	0.00032	mg/Kg	☼	10/14/25 10:01	10/15/25 05:01	1
N-Propylbenzene	0.0011	U	0.0011	0.00050	mg/Kg	☼	10/14/25 10:01	10/15/25 05:01	1
o-Xylene	0.0011	U	0.0011	0.00051	mg/Kg	☼	10/14/25 10:01	10/15/25 05:01	1
sec-Butylbenzene	0.0011	U	0.0011	0.00032	mg/Kg	☼	10/14/25 10:01	10/15/25 05:01	1
Styrene	0.0011	U	0.0011	0.00031	mg/Kg	☼	10/14/25 10:01	10/15/25 05:01	1

Client Sample ID: 52B3_4-5

Date Collected: 10/10/25 10:15
Date Received: 10/10/25 17:30

Lab Sample ID: 460-337049-41

Matrix: Solid
Percent Solids: 98.8

Method: SW846 8260D - Volatile Organic Compounds by GC/MS (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
tert-Butylbenzene	0.0011	U	0.0011	0.00030	mg/Kg	☼	10/14/25 10:01	10/15/25 05:01	1
Tetrachloroethene	0.0011	U	0.0011	0.00034	mg/Kg	☼	10/14/25 10:01	10/15/25 05:01	1
Toluene	**0.00047**	**J**	0.0011	0.00026	mg/Kg	☼	10/14/25 10:01	10/15/25 05:01	1
trans-1,2-Dichloroethene	0.0011	U	0.0011	0.00027	mg/Kg	☼	10/14/25 10:01	10/15/25 05:01	1
trans-1,3-Dichloropropene	0.0011	U	0.0011	0.00029	mg/Kg	☼	10/14/25 10:01	10/15/25 05:01	1
Trichloroethene	0.0011	U	0.0011	0.00035	mg/Kg	☼	10/14/25 10:01	10/15/25 05:01	1
Trichlorofluoromethane	0.0011	U	0.0011	0.00045	mg/Kg	☼	10/14/25 10:01	10/15/25 05:01	1
Vinyl chloride	0.0011	U	0.0011	0.00060	mg/Kg	☼	10/14/25 10:01	10/15/25 05:01	1
Xylenes, Total	0.0022	U	0.0022	0.00019	mg/Kg	☼	10/14/25 10:01	10/15/25 05:01	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,2-Dichloroethane-d4 (Surr)	*87*		*65 - 138*	*10/14/25 10:01*	*10/15/25 05:01*	*1*
4-Bromofluorobenzene	*104*		*71 - 128*	*10/14/25 10:01*	*10/15/25 05:01*	*1*
Dibromofluoromethane (Surr)	*99*		*50 - 150*	*10/14/25 10:01*	*10/15/25 05:01*	*1*
Toluene-d8 (Surr)	*101*		*71 - 126*	*10/14/25 10:01*	*10/15/25 05:01*	*1*

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Percent Moisture (EPA Moisture)	**1.2**		1.0	1.0	%			10/15/25 19:49	1
Percent Solids (EPA Moisture)	**98.8**		1.0	1.0	%			10/15/25 19:49	1

Client Sample ID: 52B2_4-5

Date Collected: 10/10/25 10:20
Date Received: 10/10/25 17:30

Lab Sample ID: 460-337049-42

Matrix: Solid
Percent Solids: 96.7

Method: SW846 8260D - Volatile Organic Compounds by GC/MS

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1-Trichloroethane	0.00097	U	0.00097	0.00023	mg/Kg	☼	10/14/25 10:01	10/15/25 05:26	1
1,1,2,2-Tetrachloroethane	0.00097	U	0.00097	0.00050	mg/Kg	☼	10/14/25 10:01	10/15/25 05:26	1
1,1,2-Trichloro-1,2,2-trifluoroethane	0.00097	U	0.00097	0.00029	mg/Kg	☼	10/14/25 10:01	10/15/25 05:26	1
1,1,2-Trichloroethane	0.00097	U	0.00097	0.00058	mg/Kg	☼	10/14/25 10:01	10/15/25 05:26	1
1,1-Dichloroethane	0.00097	U	0.00097	0.00058	mg/Kg	☼	10/14/25 10:01	10/15/25 05:26	1
1,1-Dichloroethene	0.00097	U	0.00097	0.00022	mg/Kg	☼	10/14/25 10:01	10/15/25 05:26	1
1,2,3-Trichlorobenzene	0.00097	U	0.00097	0.00071	mg/Kg	☼	10/14/25 10:01	10/15/25 05:26	1
1,2,4-Trichlorobenzene	0.00097	U	0.00097	0.00035	mg/Kg	☼	10/14/25 10:01	10/15/25 05:26	1
1,2,4-Trimethylbenzene	0.00097	U	0.00097	0.00024	mg/Kg	☼	10/14/25 10:01	10/15/25 05:26	1
1,2-Dibromo-3-Chloropropane	0.00097	U	0.00097	0.00044	mg/Kg	☼	10/14/25 10:01	10/15/25 05:26	1
1,2-Dichlorobenzene	0.00097	U	0.00097	0.00035	mg/Kg	☼	10/14/25 10:01	10/15/25 05:26	1
1,2-Dichloroethane	0.00097	U	0.00097	0.00029	mg/Kg	☼	10/14/25 10:01	10/15/25 05:26	1
1,2-Dichloropropane	0.00097	U	0.00097	0.00041	mg/Kg	☼	10/14/25 10:01	10/15/25 05:26	1
1,3,5-Trimethylbenzene	0.00097	U	0.00097	0.00030	mg/Kg	☼	10/14/25 10:01	10/15/25 05:26	1
1,3-Dichlorobenzene	0.00097	U	0.00097	0.00035	mg/Kg	☼	10/14/25 10:01	10/15/25 05:26	1
1,4-Dichlorobenzene	0.00097	U	0.00097	0.00050	mg/Kg	☼	10/14/25 10:01	10/15/25 05:26	1
2-Butanone (MEK)	0.0048	U	0.0048	0.00036	mg/Kg	☼	10/14/25 10:01	10/15/25 05:26	1
2-Hexanone	0.0048	U	0.0048	0.0017	mg/Kg	☼	10/14/25 10:01	10/15/25 05:26	1
4-Methyl-2-pentanone (MIBK)	0.0048	U	0.0048	0.0015	mg/Kg	☼	10/14/25 10:01	10/15/25 05:26	1
Acetone	0.0058	U	0.0058	0.0055	mg/Kg	☼	10/14/25 10:01	10/15/25 05:26	1
Benzene	0.00097	U	0.00097	0.00055	mg/Kg	☼	10/14/25 10:01	10/15/25 05:26	1
Bromoform	0.00097	U	0.00097	0.00041	mg/Kg	☼	10/14/25 10:01	10/15/25 05:26	1
Bromomethane	0.0019	U	0.0019	0.00097	mg/Kg	☼	10/14/25 10:01	10/15/25 05:26	1

Client Sample ID: 52B2_4-5
Date Collected: 10/10/25 10:20
Date Received: 10/10/25 17:30

Lab Sample ID: 460-337049-42
Matrix: Solid
Percent Solids: 96.7

Method: SW846 8260D - Volatile Organic Compounds by GC/MS (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Carbon disulfide	0.00097	U	0.00097	0.00026	mg/Kg	☼	10/14/25 10:01	10/15/25 05:26	1
Carbon tetrachloride	0.00097	U	0.00097	0.00037	mg/Kg	☼	10/14/25 10:01	10/15/25 05:26	1
Chlorobenzene	0.00097	U	0.00097	0.00049	mg/Kg	☼	10/14/25 10:01	10/15/25 05:26	1
Chlorobromomethane	0.00097	U	0.00097	0.00058	mg/Kg	☼	10/14/25 10:01	10/15/25 05:26	1
Chlorodibromomethane	0.00097	U	0.00097	0.00052	mg/Kg	☼	10/14/25 10:01	10/15/25 05:26	1
Chloroethane	0.00097	U	0.00097	0.00050	mg/Kg	☼	10/14/25 10:01	10/15/25 05:26	1
Chloroform	0.00097	U	0.00097	0.00094	mg/Kg	☼	10/14/25 10:01	10/15/25 05:26	1
Chloromethane	0.00097	U	0.00097	0.00042	mg/Kg	☼	10/14/25 10:01	10/15/25 05:26	1
cis-1,2-Dichloroethene	0.00097	U	0.00097	0.00035	mg/Kg	☼	10/14/25 10:01	10/15/25 05:26	1
cis-1,3-Dichloropropene	0.00097	U	0.00097	0.00026	mg/Kg	☼	10/14/25 10:01	10/15/25 05:26	1
Cyclohexane	0.00097	U	0.00097	0.00021	mg/Kg	☼	10/14/25 10:01	10/15/25 05:26	1
Dichlorobromomethane	0.00097	U	0.00097	0.00025	mg/Kg	☼	10/14/25 10:01	10/15/25 05:26	1
Dichlorodifluoromethane	0.00097	U *	0.00097	0.00033	mg/Kg	☼	10/14/25 10:01	10/15/25 05:26	1
Ethylbenzene	0.00097	U	0.00097	0.00045	mg/Kg	☼	10/14/25 10:01	10/15/25 05:26	1
Ethylene Dibromide	0.00097	U	0.00097	0.00049	mg/Kg	☼	10/14/25 10:01	10/15/25 05:26	1
Isopropylbenzene	0.00097	U	0.00097	0.00028	mg/Kg	☼	10/14/25 10:01	10/15/25 05:26	1
Methyl acetate	0.0048	U	0.0048	0.0042	mg/Kg	☼	10/14/25 10:01	10/15/25 05:26	1
Methyl tert-butyl ether	0.00097	U	0.00097	0.00049	mg/Kg	☼	10/14/25 10:01	10/15/25 05:26	1
Methylcyclohexane	0.00097	U	0.00097	0.00048	mg/Kg	☼	10/14/25 10:01	10/15/25 05:26	1
Methylene Chloride	**0.0028**		0.0019	0.0011	mg/Kg	☼	10/14/25 10:01	10/15/25 05:26	1
m-Xylene & p-Xylene	0.00097	U	0.00097	0.00041	mg/Kg	☼	10/14/25 10:01	10/15/25 05:26	1
n-Butylbenzene	0.00097	U	0.00097	0.00028	mg/Kg	☼	10/14/25 10:01	10/15/25 05:26	1
N-Propylbenzene	0.00097	U	0.00097	0.00043	mg/Kg	☼	10/14/25 10:01	10/15/25 05:26	1
o-Xylene	0.00097	U	0.00097	0.00045	mg/Kg	☼	10/14/25 10:01	10/15/25 05:26	1
sec-Butylbenzene	0.00097	U	0.00097	0.00028	mg/Kg	☼	10/14/25 10:01	10/15/25 05:26	1
Styrene	0.00097	U	0.00097	0.00027	mg/Kg	☼	10/14/25 10:01	10/15/25 05:26	1
tert-Butylbenzene	0.00097	U	0.00097	0.00027	mg/Kg	☼	10/14/25 10:01	10/15/25 05:26	1
Tetrachloroethene	0.00097	U	0.00097	0.00029	mg/Kg	☼	10/14/25 10:01	10/15/25 05:26	1
Toluene	**0.00055**	**J**	0.00097	0.00023	mg/Kg	☼	10/14/25 10:01	10/15/25 05:26	1
trans-1,2-Dichloroethene	0.00097	U	0.00097	0.00024	mg/Kg	☼	10/14/25 10:01	10/15/25 05:26	1
trans-1,3-Dichloropropene	0.00097	U	0.00097	0.00026	mg/Kg	☼	10/14/25 10:01	10/15/25 05:26	1
Trichloroethene	0.00097	U	0.00097	0.00031	mg/Kg	☼	10/14/25 10:01	10/15/25 05:26	1
Trichlorofluoromethane	0.00097	U	0.00097	0.00039	mg/Kg	☼	10/14/25 10:01	10/15/25 05:26	1
Vinyl chloride	0.00097	U	0.00097	0.00053	mg/Kg	☼	10/14/25 10:01	10/15/25 05:26	1
Xylenes, Total	0.0019	U	0.0019	0.00017	mg/Kg	☼	10/14/25 10:01	10/15/25 05:26	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,2-Dichloroethane-d4 (Surr)	*85*		*65 - 138*	*10/14/25 10:01*	*10/15/25 05:26*	*1*
4-Bromofluorobenzene	*94*		*71 - 128*	*10/14/25 10:01*	*10/15/25 05:26*	*1*
Dibromofluoromethane (Surr)	*98*		*50 - 150*	*10/14/25 10:01*	*10/15/25 05:26*	*1*
Toluene-d8 (Surr)	*100*		*71 - 126*	*10/14/25 10:01*	*10/15/25 05:26*	*1*

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Percent Moisture (EPA Moisture)	**3.3**		1.0	1.0	%			10/15/25 19:49	1
Percent Solids (EPA Moisture)	**96.7**		1.0	1.0	%			10/15/25 19:49	1

Client Sample ID: 52C1_2-3
Date Collected: 10/10/25 10:25
Date Received: 10/10/25 17:30

Lab Sample ID: 460-337049-43
Matrix: Solid
Percent Solids: 95.7

Method: SW846 8260D - Volatile Organic Compounds by GC/MS

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1-Trichloroethane	0.0010	U	0.0010	0.00023	mg/Kg	☼	10/14/25 10:02	10/15/25 05:50	1
1,1,2,2-Tetrachloroethane	0.0010	U	0.0010	0.00052	mg/Kg	☼	10/14/25 10:02	10/15/25 05:50	1
1,1,2-Trichloro-1,2,2-trifluoroethane	0.0010	U	0.0010	0.00030	mg/Kg	☼	10/14/25 10:02	10/15/25 05:50	1
1,1,2-Trichloroethane	0.0010	U	0.0010	0.00060	mg/Kg	☼	10/14/25 10:02	10/15/25 05:50	1
1,1-Dichloroethane	0.0010	U	0.0010	0.00060	mg/Kg	☼	10/14/25 10:02	10/15/25 05:50	1
1,1-Dichloroethene	0.0010	U	0.0010	0.00023	mg/Kg	☼	10/14/25 10:02	10/15/25 05:50	1
1,2,3-Trichlorobenzene	0.0010	U	0.0010	0.00074	mg/Kg	☼	10/14/25 10:02	10/15/25 05:50	1
1,2,4-Trichlorobenzene	0.0010	U	0.0010	0.00036	mg/Kg	☼	10/14/25 10:02	10/15/25 05:50	1
1,2,4-Trimethylbenzene	0.0010	U	0.0010	0.00025	mg/Kg	☼	10/14/25 10:02	10/15/25 05:50	1
1,2-Dibromo-3-Chloropropane	0.0010	U	0.0010	0.00046	mg/Kg	☼	10/14/25 10:02	10/15/25 05:50	1
1,2-Dichlorobenzene	0.0010	U	0.0010	0.00036	mg/Kg	☼	10/14/25 10:02	10/15/25 05:50	1
1,2-Dichloroethane	0.0010	U	0.0010	0.00030	mg/Kg	☼	10/14/25 10:02	10/15/25 05:50	1
1,2-Dichloropropane	0.0010	U	0.0010	0.00042	mg/Kg	☼	10/14/25 10:02	10/15/25 05:50	1
1,3,5-Trimethylbenzene	0.0010	U	0.0010	0.00031	mg/Kg	☼	10/14/25 10:02	10/15/25 05:50	1
1,3-Dichlorobenzene	0.0010	U	0.0010	0.00037	mg/Kg	☼	10/14/25 10:02	10/15/25 05:50	1
1,4-Dichlorobenzene	0.0010	U	0.0010	0.00052	mg/Kg	☼	10/14/25 10:02	10/15/25 05:50	1
2-Butanone (MEK)	0.0050	U	0.0050	0.00037	mg/Kg	☼	10/14/25 10:02	10/15/25 05:50	1
2-Hexanone	0.0050	U	0.0050	0.0017	mg/Kg	☼	10/14/25 10:02	10/15/25 05:50	1
4-Methyl-2-pentanone (MIBK)	0.0050	U	0.0050	0.0016	mg/Kg	☼	10/14/25 10:02	10/15/25 05:50	1
Acetone	0.0060	U	0.0060	0.0057	mg/Kg	☼	10/14/25 10:02	10/15/25 05:50	1
Benzene	0.0010	U	0.0010	0.00057	mg/Kg	☼	10/14/25 10:02	10/15/25 05:50	1
Bromoform	0.0010	U	0.0010	0.00043	mg/Kg	☼	10/14/25 10:02	10/15/25 05:50	1
Bromomethane	0.0020	U	0.0020	0.0010	mg/Kg	☼	10/14/25 10:02	10/15/25 05:50	1
Carbon disulfide	0.0010	U	0.0010	0.00027	mg/Kg	☼	10/14/25 10:02	10/15/25 05:50	1
Carbon tetrachloride	0.0010	U	0.0010	0.00039	mg/Kg	☼	10/14/25 10:02	10/15/25 05:50	1
Chlorobenzene	0.0010	U	0.0010	0.00051	mg/Kg	☼	10/14/25 10:02	10/15/25 05:50	1
Chlorobromomethane	0.0010	U	0.0010	0.00060	mg/Kg	☼	10/14/25 10:02	10/15/25 05:50	1
Chlorodibromomethane	0.0010	U	0.0010	0.00054	mg/Kg	☼	10/14/25 10:02	10/15/25 05:50	1
Chloroethane	0.0010	U	0.0010	0.00052	mg/Kg	☼	10/14/25 10:02	10/15/25 05:50	1
Chloroform	0.0010	U	0.0010	0.00097	mg/Kg	☼	10/14/25 10:02	10/15/25 05:50	1
Chloromethane	0.0010	U	0.0010	0.00044	mg/Kg	☼	10/14/25 10:02	10/15/25 05:50	1
cis-1,2-Dichloroethene	0.0010	U	0.0010	0.00036	mg/Kg	☼	10/14/25 10:02	10/15/25 05:50	1
cis-1,3-Dichloropropene	0.0010	U	0.0010	0.00027	mg/Kg	☼	10/14/25 10:02	10/15/25 05:50	1
Cyclohexane	0.0010	U	0.0010	0.00022	mg/Kg	☼	10/14/25 10:02	10/15/25 05:50	1
Dichlorobromomethane	0.0010	U	0.0010	0.00026	mg/Kg	☼	10/14/25 10:02	10/15/25 05:50	1
Dichlorodifluoromethane	0.0010	U *	0.0010	0.00034	mg/Kg	☼	10/14/25 10:02	10/15/25 05:50	1
Ethylbenzene	0.0010	U	0.0010	0.00047	mg/Kg	☼	10/14/25 10:02	10/15/25 05:50	1
Ethylene Dibromide	0.0010	U	0.0010	0.00051	mg/Kg	☼	10/14/25 10:02	10/15/25 05:50	1
Isopropylbenzene	0.0010	U	0.0010	0.00029	mg/Kg	☼	10/14/25 10:02	10/15/25 05:50	1
Methyl acetate	0.0050	U	0.0050	0.0043	mg/Kg	☼	10/14/25 10:02	10/15/25 05:50	1
Methyl tert-butyl ether	0.0010	U	0.0010	0.00051	mg/Kg	☼	10/14/25 10:02	10/15/25 05:50	1
Methylcyclohexane	0.0010	U	0.0010	0.00050	mg/Kg	☼	10/14/25 10:02	10/15/25 05:50	1
Methylene Chloride	**0.0014**	**J**	0.0020	0.0011	mg/Kg	☼	10/14/25 10:02	10/15/25 05:50	1
m-Xylene & p-Xylene	0.0010	U	0.0010	0.00042	mg/Kg	☼	10/14/25 10:02	10/15/25 05:50	1
n-Butylbenzene	0.0010	U	0.0010	0.00029	mg/Kg	☼	10/14/25 10:02	10/15/25 05:50	1
N-Propylbenzene	0.0010	U	0.0010	0.00045	mg/Kg	☼	10/14/25 10:02	10/15/25 05:50	1
o-Xylene	0.0010	U	0.0010	0.00046	mg/Kg	☼	10/14/25 10:02	10/15/25 05:50	1
sec-Butylbenzene	0.0010	U	0.0010	0.00029	mg/Kg	☼	10/14/25 10:02	10/15/25 05:50	1
Styrene	0.0010	U	0.0010	0.00028	mg/Kg	☼	10/14/25 10:02	10/15/25 05:50	1

Client Sample ID: 52C1_2-3

Date Collected: 10/10/25 10:25
Date Received: 10/10/25 17:30

Lab Sample ID: 460-337049-43

Matrix: Solid
Percent Solids: 95.7

Method: SW846 8260D - Volatile Organic Compounds by GC/MS (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
tert-Butylbenzene	0.0010	U	0.0010	0.00028	mg/Kg	☼	10/14/25 10:02	10/15/25 05:50	1
Tetrachloroethene	0.0010	U	0.0010	0.00031	mg/Kg	☼	10/14/25 10:02	10/15/25 05:50	1
Toluene	**0.00072**	**J**	0.0010	0.00023	mg/Kg	☼	10/14/25 10:02	10/15/25 05:50	1
trans-1,2-Dichloroethene	0.0010	U	0.0010	0.00025	mg/Kg	☼	10/14/25 10:02	10/15/25 05:50	1
trans-1,3-Dichloropropene	0.0010	U	0.0010	0.00027	mg/Kg	☼	10/14/25 10:02	10/15/25 05:50	1
Trichloroethene	0.0010	U	0.0010	0.00032	mg/Kg	☼	10/14/25 10:02	10/15/25 05:50	1
Trichlorofluoromethane	0.0010	U	0.0010	0.00041	mg/Kg	☼	10/14/25 10:02	10/15/25 05:50	1
Vinyl chloride	0.0010	U	0.0010	0.00055	mg/Kg	☼	10/14/25 10:02	10/15/25 05:50	1
Xylenes, Total	0.0020	U	0.0020	0.00017	mg/Kg	☼	10/14/25 10:02	10/15/25 05:50	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,2-Dichloroethane-d4 (Surr)	*87*		*65 - 138*	*10/14/25 10:02*	*10/15/25 05:50*	*1*
4-Bromofluorobenzene	*96*		*71 - 128*	*10/14/25 10:02*	*10/15/25 05:50*	*1*
Dibromofluoromethane (Surr)	*99*		*50 - 150*	*10/14/25 10:02*	*10/15/25 05:50*	*1*
Toluene-d8 (Surr)	*100*		*71 - 126*	*10/14/25 10:02*	*10/15/25 05:50*	*1*

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Percent Moisture (EPA Moisture)	**4.3**		1.0	1.0	%			10/15/25 19:49	1
Percent Solids (EPA Moisture)	**95.7**		1.0	1.0	%			10/15/25 19:49	1

Client Sample ID: 52C2_1-2

Date Collected: 10/10/25 10:30
Date Received: 10/10/25 17:30

Lab Sample ID: 460-337049-44

Matrix: Solid
Percent Solids: 96.5

Method: SW846 8260D - Volatile Organic Compounds by GC/MS

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1-Trichloroethane	0.0011	U	0.0011	0.00026	mg/Kg	☼	10/14/25 10:02	10/15/25 09:28	1
1,1,2,2-Tetrachloroethane	0.0011	U	0.0011	0.00059	mg/Kg	☼	10/14/25 10:02	10/15/25 09:28	1
1,1,2-Trichloro-1,2,2-trifluoroethane	0.0011	U	0.0011	0.00034	mg/Kg	☼	10/14/25 10:02	10/15/25 09:28	1
1,1,2-Trichloroethane	0.0011	U	0.0011	0.00068	mg/Kg	☼	10/14/25 10:02	10/15/25 09:28	1
1,1-Dichloroethane	0.0011	U	0.0011	0.00068	mg/Kg	☼	10/14/25 10:02	10/15/25 09:28	1
1,1-Dichloroethene	0.0011	U	0.0011	0.00025	mg/Kg	☼	10/14/25 10:02	10/15/25 09:28	1
1,2,3-Trichlorobenzene	0.0011	U	0.0011	0.00084	mg/Kg	☼	10/14/25 10:02	10/15/25 09:28	1
1,2,4-Trichlorobenzene	0.0011	U	0.0011	0.00041	mg/Kg	☼	10/14/25 10:02	10/15/25 09:28	1
1,2,4-Trimethylbenzene	0.0011	U	0.0011	0.00028	mg/Kg	☼	10/14/25 10:02	10/15/25 09:28	1
1,2-Dibromo-3-Chloropropane	0.0011	U	0.0011	0.00052	mg/Kg	☼	10/14/25 10:02	10/15/25 09:28	1
1,2-Dichlorobenzene	0.0011	U	0.0011	0.00041	mg/Kg	☼	10/14/25 10:02	10/15/25 09:28	1
1,2-Dichloroethane	0.0011	U	0.0011	0.00034	mg/Kg	☼	10/14/25 10:02	10/15/25 09:28	1
1,2-Dichloropropane	0.0011	U	0.0011	0.00048	mg/Kg	☼	10/14/25 10:02	10/15/25 09:28	1
1,3,5-Trimethylbenzene	0.0011	U	0.0011	0.00036	mg/Kg	☼	10/14/25 10:02	10/15/25 09:28	1
1,3-Dichlorobenzene	0.0011	U	0.0011	0.00041	mg/Kg	☼	10/14/25 10:02	10/15/25 09:28	1
1,4-Dichlorobenzene	0.0011	U	0.0011	0.00059	mg/Kg	☼	10/14/25 10:02	10/15/25 09:28	1
2-Butanone (MEK)	0.0057	U	0.0057	0.00042	mg/Kg	☼	10/14/25 10:02	10/15/25 09:28	1
2-Hexanone	0.0057	U	0.0057	0.0019	mg/Kg	☼	10/14/25 10:02	10/15/25 09:28	1
4-Methyl-2-pentanone (MIBK)	0.0057	U	0.0057	0.0018	mg/Kg	☼	10/14/25 10:02	10/15/25 09:28	1
Acetone	0.0068	U	0.0068	0.0065	mg/Kg	☼	10/14/25 10:02	10/15/25 09:28	1
Benzene	0.0011	U	0.0011	0.00064	mg/Kg	☼	10/14/25 10:02	10/15/25 09:28	1
Bromoform	0.0011	U	0.0011	0.00048	mg/Kg	☼	10/14/25 10:02	10/15/25 09:28	1
Bromomethane	0.0023	U	0.0023	0.0011	mg/Kg	☼	10/14/25 10:02	10/15/25 09:28	1

Client Sample ID: 52C2_1-2
Date Collected: 10/10/25 10:30
Date Received: 10/10/25 17:30

Lab Sample ID: 460-337049-44
Matrix: Solid
Percent Solids: 96.5

Method: SW846 8260D - Volatile Organic Compounds by GC/MS (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Carbon disulfide	0.0011	U	0.0011	0.00030	mg/Kg	☼	10/14/25 10:02	10/15/25 09:28	1
Carbon tetrachloride	0.0011	U	0.0011	0.00044	mg/Kg	☼	10/14/25 10:02	10/15/25 09:28	1
Chlorobenzene	0.0011	U	0.0011	0.00057	mg/Kg	☼	10/14/25 10:02	10/15/25 09:28	1
Chlorobromomethane	0.0011	U	0.0011	0.00068	mg/Kg	☼	10/14/25 10:02	10/15/25 09:28	1
Chlorodibromomethane	0.0011	U	0.0011	0.00061	mg/Kg	☼	10/14/25 10:02	10/15/25 09:28	1
Chloroethane	0.0011	U	0.0011	0.00059	mg/Kg	☼	10/14/25 10:02	10/15/25 09:28	1
Chloroform	0.0011	U	0.0011	0.0011	mg/Kg	☼	10/14/25 10:02	10/15/25 09:28	1
Chloromethane	0.0011	U	0.0011	0.00049	mg/Kg	☼	10/14/25 10:02	10/15/25 09:28	1
cis-1,2-Dichloroethene	0.0011	U	0.0011	0.00041	mg/Kg	☼	10/14/25 10:02	10/15/25 09:28	1
cis-1,3-Dichloropropene	0.0011	U	0.0011	0.00031	mg/Kg	☼	10/14/25 10:02	10/15/25 09:28	1
Cyclohexane	0.0011	U	0.0011	0.00025	mg/Kg	☼	10/14/25 10:02	10/15/25 09:28	1
Dichlorobromomethane	0.0011	U	0.0011	0.00029	mg/Kg	☼	10/14/25 10:02	10/15/25 09:28	1
Dichlorodifluoromethane	0.0011	U *	0.0011	0.00038	mg/Kg	☼	10/14/25 10:02	10/15/25 09:28	1
Ethylbenzene	0.0011	U	0.0011	0.00053	mg/Kg	☼	10/14/25 10:02	10/15/25 09:28	1
Ethylene Dibromide	0.0011	U	0.0011	0.00057	mg/Kg	☼	10/14/25 10:02	10/15/25 09:28	1
Isopropylbenzene	0.0011	U	0.0011	0.00032	mg/Kg	☼	10/14/25 10:02	10/15/25 09:28	1
Methyl acetate	0.0057	U	0.0057	0.0049	mg/Kg	☼	10/14/25 10:02	10/15/25 09:28	1
Methyl tert-butyl ether	0.0011	U	0.0011	0.00058	mg/Kg	☼	10/14/25 10:02	10/15/25 09:28	1
Methylcyclohexane	0.0011	U	0.0011	0.00057	mg/Kg	☼	10/14/25 10:02	10/15/25 09:28	1
Methylene Chloride	**0.0016**	**J**	0.0023	0.0013	mg/Kg	☼	10/14/25 10:02	10/15/25 09:28	1
m-Xylene & p-Xylene	0.0011	U	0.0011	0.00048	mg/Kg	☼	10/14/25 10:02	10/15/25 09:28	1
n-Butylbenzene	0.0011	U	0.0011	0.00033	mg/Kg	☼	10/14/25 10:02	10/15/25 09:28	1
N-Propylbenzene	0.0011	U	0.0011	0.00051	mg/Kg	☼	10/14/25 10:02	10/15/25 09:28	1
o-Xylene	0.0011	U	0.0011	0.00052	mg/Kg	☼	10/14/25 10:02	10/15/25 09:28	1
sec-Butylbenzene	0.0011	U	0.0011	0.00033	mg/Kg	☼	10/14/25 10:02	10/15/25 09:28	1
Styrene	0.0011	U	0.0011	0.00031	mg/Kg	☼	10/14/25 10:02	10/15/25 09:28	1
tert-Butylbenzene	0.0011	U	0.0011	0.00031	mg/Kg	☼	10/14/25 10:02	10/15/25 09:28	1
Tetrachloroethene	0.0011	U	0.0011	0.00035	mg/Kg	☼	10/14/25 10:02	10/15/25 09:28	1
Toluene	**0.00070**	**J**	0.0011	0.00027	mg/Kg	☼	10/14/25 10:02	10/15/25 09:28	1
trans-1,2-Dichloroethene	0.0011	U	0.0011	0.00028	mg/Kg	☼	10/14/25 10:02	10/15/25 09:28	1
trans-1,3-Dichloropropene	0.0011	U	0.0011	0.00030	mg/Kg	☼	10/14/25 10:02	10/15/25 09:28	1
Trichloroethene	0.0011	U	0.0011	0.00036	mg/Kg	☼	10/14/25 10:02	10/15/25 09:28	1
Trichlorofluoromethane	0.0011	U	0.0011	0.00046	mg/Kg	☼	10/14/25 10:02	10/15/25 09:28	1
Vinyl chloride	0.0011	U	0.0011	0.00062	mg/Kg	☼	10/14/25 10:02	10/15/25 09:28	1
Xylenes, Total	0.0023	U	0.0023	0.00020	mg/Kg	☼	10/14/25 10:02	10/15/25 09:28	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,2-Dichloroethane-d4 (Surr)	*84*		*65 - 138*	*10/14/25 10:02*	*10/15/25 09:28*	*1*
4-Bromofluorobenzene	*95*		*71 - 128*	*10/14/25 10:02*	*10/15/25 09:28*	*1*
Dibromofluoromethane (Surr)	*98*		*50 - 150*	*10/14/25 10:02*	*10/15/25 09:28*	*1*
Toluene-d8 (Surr)	*100*		*71 - 126*	*10/14/25 10:02*	*10/15/25 09:28*	*1*

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Percent Moisture (EPA Moisture)	**3.5**		1.0	1.0	%			10/15/25 19:49	1
Percent Solids (EPA Moisture)	**96.5**		1.0	1.0	%			10/15/25 19:49	1

Client Sample ID: 52C3_4-5
Date Collected: 10/10/25 10:35
Date Received: 10/10/25 17:30

Lab Sample ID: 460-337049-45
Matrix: Solid
Percent Solids: 99.0

Method: SW846 8260D - Volatile Organic Compounds by GC/MS

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1-Trichloroethane	0.00097	U	0.00097	0.00023	mg/Kg	☼	10/14/25 10:02	10/15/25 09:52	1
1,1,2,2-Tetrachloroethane	0.00097	U	0.00097	0.00051	mg/Kg	☼	10/14/25 10:02	10/15/25 09:52	1
1,1,2-Trichloro-1,2,2-trifluoroethane	0.00097	U	0.00097	0.00029	mg/Kg	☼	10/14/25 10:02	10/15/25 09:52	1
1,1,2-Trichloroethane	0.00097	U	0.00097	0.00059	mg/Kg	☼	10/14/25 10:02	10/15/25 09:52	1
1,1-Dichloroethane	0.00097	U	0.00097	0.00058	mg/Kg	☼	10/14/25 10:02	10/15/25 09:52	1
1,1-Dichloroethene	0.00097	U	0.00097	0.00022	mg/Kg	☼	10/14/25 10:02	10/15/25 09:52	1
1,2,3-Trichlorobenzene	0.00097	U	0.00097	0.00072	mg/Kg	☼	10/14/25 10:02	10/15/25 09:52	1
1,2,4-Trichlorobenzene	0.00097	U	0.00097	0.00035	mg/Kg	☼	10/14/25 10:02	10/15/25 09:52	1
1,2,4-Trimethylbenzene	0.00097	U	0.00097	0.00024	mg/Kg	☼	10/14/25 10:02	10/15/25 09:52	1
1,2-Dibromo-3-Chloropropane	0.00097	U	0.00097	0.00045	mg/Kg	☼	10/14/25 10:02	10/15/25 09:52	1
1,2-Dichlorobenzene	0.00097	U	0.00097	0.00035	mg/Kg	☼	10/14/25 10:02	10/15/25 09:52	1
1,2-Dichloroethane	0.00097	U	0.00097	0.00029	mg/Kg	☼	10/14/25 10:02	10/15/25 09:52	1
1,2-Dichloropropane	0.00097	U	0.00097	0.00041	mg/Kg	☼	10/14/25 10:02	10/15/25 09:52	1
1,3,5-Trimethylbenzene	0.00097	U	0.00097	0.00031	mg/Kg	☼	10/14/25 10:02	10/15/25 09:52	1
1,3-Dichlorobenzene	0.00097	U	0.00097	0.00036	mg/Kg	☼	10/14/25 10:02	10/15/25 09:52	1
1,4-Dichlorobenzene	0.00097	U	0.00097	0.00051	mg/Kg	☼	10/14/25 10:02	10/15/25 09:52	1
2-Butanone (MEK)	0.0049	U	0.0049	0.00036	mg/Kg	☼	10/14/25 10:02	10/15/25 09:52	1
2-Hexanone	0.0049	U	0.0049	0.0017	mg/Kg	☼	10/14/25 10:02	10/15/25 09:52	1
4-Methyl-2-pentanone (MIBK)	0.0049	U	0.0049	0.0015	mg/Kg	☼	10/14/25 10:02	10/15/25 09:52	1
Acetone	0.0058	U	0.0058	0.0056	mg/Kg	☼	10/14/25 10:02	10/15/25 09:52	1
Benzene	0.00097	U	0.00097	0.00055	mg/Kg	☼	10/14/25 10:02	10/15/25 09:52	1
Bromoform	0.00097	U	0.00097	0.00041	mg/Kg	☼	10/14/25 10:02	10/15/25 09:52	1
Bromomethane	0.0019	U	0.0019	0.00097	mg/Kg	☼	10/14/25 10:02	10/15/25 09:52	1
Carbon disulfide	0.00097	U	0.00097	0.00026	mg/Kg	☼	10/14/25 10:02	10/15/25 09:52	1
Carbon tetrachloride	0.00097	U	0.00097	0.00038	mg/Kg	☼	10/14/25 10:02	10/15/25 09:52	1
Chlorobenzene	0.00097	U	0.00097	0.00049	mg/Kg	☼	10/14/25 10:02	10/15/25 09:52	1
Chlorobromomethane	0.00097	U	0.00097	0.00058	mg/Kg	☼	10/14/25 10:02	10/15/25 09:52	1
Chlorodibromomethane	0.00097	U	0.00097	0.00052	mg/Kg	☼	10/14/25 10:02	10/15/25 09:52	1
Chloroethane	0.00097	U	0.00097	0.00051	mg/Kg	☼	10/14/25 10:02	10/15/25 09:52	1
Chloroform	0.00097	U	0.00097	0.00095	mg/Kg	☼	10/14/25 10:02	10/15/25 09:52	1
Chloromethane	0.00097	U	0.00097	0.00042	mg/Kg	☼	10/14/25 10:02	10/15/25 09:52	1
cis-1,2-Dichloroethene	0.00097	U	0.00097	0.00035	mg/Kg	☼	10/14/25 10:02	10/15/25 09:52	1
cis-1,3-Dichloropropene	0.00097	U	0.00097	0.00027	mg/Kg	☼	10/14/25 10:02	10/15/25 09:52	1
Cyclohexane	0.00097	U	0.00097	0.00022	mg/Kg	☼	10/14/25 10:02	10/15/25 09:52	1
Dichlorobromomethane	0.00097	U	0.00097	0.00025	mg/Kg	☼	10/14/25 10:02	10/15/25 09:52	1
Dichlorodifluoromethane	0.00097	U *	0.00097	0.00033	mg/Kg	☼	10/14/25 10:02	10/15/25 09:52	1
Ethylbenzene	0.00097	U	0.00097	0.00046	mg/Kg	☼	10/14/25 10:02	10/15/25 09:52	1
Ethylene Dibromide	0.00097	U	0.00097	0.00049	mg/Kg	☼	10/14/25 10:02	10/15/25 09:52	1
Isopropylbenzene	0.00097	U	0.00097	0.00028	mg/Kg	☼	10/14/25 10:02	10/15/25 09:52	1
Methyl acetate	0.0049	U	0.0049	0.0042	mg/Kg	☼	10/14/25 10:02	10/15/25 09:52	1
Methyl tert-butyl ether	0.00097	U	0.00097	0.00050	mg/Kg	☼	10/14/25 10:02	10/15/25 09:52	1
Methylcyclohexane	0.00097	U	0.00097	0.00049	mg/Kg	☼	10/14/25 10:02	10/15/25 09:52	1
Methylene Chloride	**0.0019**		0.0019	0.0011	mg/Kg	☼	10/14/25 10:02	10/15/25 09:52	1
m-Xylene & p-Xylene	0.00097	U	0.00097	0.00041	mg/Kg	☼	10/14/25 10:02	10/15/25 09:52	1
n-Butylbenzene	0.00097	U	0.00097	0.00029	mg/Kg	☼	10/14/25 10:02	10/15/25 09:52	1
N-Propylbenzene	0.00097	U	0.00097	0.00044	mg/Kg	☼	10/14/25 10:02	10/15/25 09:52	1
o-Xylene	0.00097	U	0.00097	0.00045	mg/Kg	☼	10/14/25 10:02	10/15/25 09:52	1
sec-Butylbenzene	0.00097	U	0.00097	0.00028	mg/Kg	☼	10/14/25 10:02	10/15/25 09:52	1
Styrene	0.00097	U	0.00097	0.00027	mg/Kg	☼	10/14/25 10:02	10/15/25 09:52	1

Client Sample ID: 52C3_4-5

Date Collected: 10/10/25 10:35
Date Received: 10/10/25 17:30

Lab Sample ID: 460-337049-45

Matrix: Solid
Percent Solids: 99.0

Method: SW846 8260D - Volatile Organic Compounds by GC/MS (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
tert-Butylbenzene	0.00097	U	0.00097	0.00027	mg/Kg	☼	10/14/25 10:02	10/15/25 09:52	1
Tetrachloroethene	0.00097	U	0.00097	0.00030	mg/Kg	☼	10/14/25 10:02	10/15/25 09:52	1
Toluene	**0.00060**	**J**	0.00097	0.00023	mg/Kg	☼	10/14/25 10:02	10/15/25 09:52	1
trans-1,2-Dichloroethene	0.00097	U	0.00097	0.00024	mg/Kg	☼	10/14/25 10:02	10/15/25 09:52	1
trans-1,3-Dichloropropene	0.00097	U	0.00097	0.00026	mg/Kg	☼	10/14/25 10:02	10/15/25 09:52	1
Trichloroethene	0.00097	U	0.00097	0.00031	mg/Kg	☼	10/14/25 10:02	10/15/25 09:52	1
Trichlorofluoromethane	0.00097	U	0.00097	0.00040	mg/Kg	☼	10/14/25 10:02	10/15/25 09:52	1
Vinyl chloride	0.00097	U	0.00097	0.00053	mg/Kg	☼	10/14/25 10:02	10/15/25 09:52	1
Xylenes, Total	0.0019	U	0.0019	0.00017	mg/Kg	☼	10/14/25 10:02	10/15/25 09:52	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,2-Dichloroethane-d4 (Surr)	*87*		*65 - 138*	*10/14/25 10:02*	*10/15/25 09:52*	*1*
4-Bromofluorobenzene	*96*		*71 - 128*	*10/14/25 10:02*	*10/15/25 09:52*	*1*
Dibromofluoromethane (Surr)	*99*		*50 - 150*	*10/14/25 10:02*	*10/15/25 09:52*	*1*
Toluene-d8 (Surr)	*100*		*71 - 126*	*10/14/25 10:02*	*10/15/25 09:52*	*1*

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Percent Moisture (EPA Moisture)	**1.0**		1.0	1.0	%			10/15/25 19:49	1
Percent Solids (EPA Moisture)	**99.0**		1.0	1.0	%			10/15/25 19:49	1

Client Sample ID: 52C1_6-7

Date Collected: 10/10/25 10:40
Date Received: 10/10/25 17:30

Lab Sample ID: 460-337049-46

Matrix: Solid
Percent Solids: 95.6

Method: SW846 8260D - Volatile Organic Compounds by GC/MS

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1-Trichloroethane	0.00086	U	0.00086	0.00020	mg/Kg	☼	10/14/25 10:03	10/15/25 10:16	1
1,1,2,2-Tetrachloroethane	0.00086	U	0.00086	0.00045	mg/Kg	☼	10/14/25 10:03	10/15/25 10:16	1
1,1,2-Trichloro-1,2,2-trifluoroethane	0.00086	U	0.00086	0.00026	mg/Kg	☼	10/14/25 10:03	10/15/25 10:16	1
1,1,2-Trichloroethane	0.00086	U	0.00086	0.00052	mg/Kg	☼	10/14/25 10:03	10/15/25 10:16	1
1,1-Dichloroethane	0.00086	U	0.00086	0.00052	mg/Kg	☼	10/14/25 10:03	10/15/25 10:16	1
1,1-Dichloroethene	0.00086	U	0.00086	0.00019	mg/Kg	☼	10/14/25 10:03	10/15/25 10:16	1
1,2,3-Trichlorobenzene	0.00086	U	0.00086	0.00064	mg/Kg	☼	10/14/25 10:03	10/15/25 10:16	1
1,2,4-Trichlorobenzene	0.00086	U	0.00086	0.00031	mg/Kg	☼	10/14/25 10:03	10/15/25 10:16	1
1,2,4-Trimethylbenzene	0.00086	U	0.00086	0.00021	mg/Kg	☼	10/14/25 10:03	10/15/25 10:16	1
1,2-Dibromo-3-Chloropropane	0.00086	U	0.00086	0.00040	mg/Kg	☼	10/14/25 10:03	10/15/25 10:16	1
1,2-Dichlorobenzene	0.00086	U	0.00086	0.00031	mg/Kg	☼	10/14/25 10:03	10/15/25 10:16	1
1,2-Dichloroethane	0.00086	U	0.00086	0.00026	mg/Kg	☼	10/14/25 10:03	10/15/25 10:16	1
1,2-Dichloropropane	0.00086	U	0.00086	0.00036	mg/Kg	☼	10/14/25 10:03	10/15/25 10:16	1
1,3,5-Trimethylbenzene	0.00086	U	0.00086	0.00027	mg/Kg	☼	10/14/25 10:03	10/15/25 10:16	1
1,3-Dichlorobenzene	0.00086	U	0.00086	0.00031	mg/Kg	☼	10/14/25 10:03	10/15/25 10:16	1
1,4-Dichlorobenzene	0.00086	U	0.00086	0.00045	mg/Kg	☼	10/14/25 10:03	10/15/25 10:16	1
2-Butanone (MEK)	0.0043	U	0.0043	0.00032	mg/Kg	☼	10/14/25 10:03	10/15/25 10:16	1
2-Hexanone	0.0043	U	0.0043	0.0015	mg/Kg	☼	10/14/25 10:03	10/15/25 10:16	1
4-Methyl-2-pentanone (MIBK)	0.0043	U	0.0043	0.0013	mg/Kg	☼	10/14/25 10:03	10/15/25 10:16	1
Acetone	0.0052	U	0.0052	0.0049	mg/Kg	☼	10/14/25 10:03	10/15/25 10:16	1
Benzene	0.00086	U	0.00086	0.00049	mg/Kg	☼	10/14/25 10:03	10/15/25 10:16	1
Bromoform	0.00086	U	0.00086	0.00037	mg/Kg	☼	10/14/25 10:03	10/15/25 10:16	1
Bromomethane	0.0017	U	0.0017	0.00086	mg/Kg	☼	10/14/25 10:03	10/15/25 10:16	1

Client Sample ID: 52C1_6-7
Date Collected: 10/10/25 10:40
Date Received: 10/10/25 17:30

Lab Sample ID: 460-337049-46
Matrix: Solid
Percent Solids: 95.6

Method: SW846 8260D - Volatile Organic Compounds by GC/MS (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Carbon disulfide	0.00086	U	0.00086	0.00023	mg/Kg	☼	10/14/25 10:03	10/15/25 10:16	1
Carbon tetrachloride	0.00086	U	0.00086	0.00033	mg/Kg	☼	10/14/25 10:03	10/15/25 10:16	1
Chlorobenzene	0.00086	U	0.00086	0.00044	mg/Kg	☼	10/14/25 10:03	10/15/25 10:16	1
Chlorobromomethane	0.00086	U	0.00086	0.00051	mg/Kg	☼	10/14/25 10:03	10/15/25 10:16	1
Chlorodibromomethane	0.00086	U	0.00086	0.00046	mg/Kg	☼	10/14/25 10:03	10/15/25 10:16	1
Chloroethane	0.00086	U	0.00086	0.00045	mg/Kg	☼	10/14/25 10:03	10/15/25 10:16	1
Chloroform	0.00086	U	0.00086	0.00084	mg/Kg	☼	10/14/25 10:03	10/15/25 10:16	1
Chloromethane	0.00086	U	0.00086	0.00038	mg/Kg	☼	10/14/25 10:03	10/15/25 10:16	1
cis-1,2-Dichloroethene	0.00086	U	0.00086	0.00031	mg/Kg	☼	10/14/25 10:03	10/15/25 10:16	1
cis-1,3-Dichloropropene	0.00086	U	0.00086	0.00024	mg/Kg	☼	10/14/25 10:03	10/15/25 10:16	1
Cyclohexane	0.00086	U	0.00086	0.00019	mg/Kg	☼	10/14/25 10:03	10/15/25 10:16	1
Dichlorobromomethane	0.00086	U	0.00086	0.00022	mg/Kg	☼	10/14/25 10:03	10/15/25 10:16	1
Dichlorodifluoromethane	0.00086	U *	0.00086	0.00029	mg/Kg	☼	10/14/25 10:03	10/15/25 10:16	1
Ethylbenzene	0.00086	U	0.00086	0.00040	mg/Kg	☼	10/14/25 10:03	10/15/25 10:16	1
Ethylene Dibromide	0.00086	U	0.00086	0.00043	mg/Kg	☼	10/14/25 10:03	10/15/25 10:16	1
Isopropylbenzene	0.00086	U	0.00086	0.00025	mg/Kg	☼	10/14/25 10:03	10/15/25 10:16	1
Methyl acetate	0.0043	U	0.0043	0.0037	mg/Kg	☼	10/14/25 10:03	10/15/25 10:16	1
Methyl tert-butyl ether	0.00086	U	0.00086	0.00044	mg/Kg	☼	10/14/25 10:03	10/15/25 10:16	1
Methylcyclohexane	0.00086	U	0.00086	0.00043	mg/Kg	☼	10/14/25 10:03	10/15/25 10:16	1
Methylene Chloride	**0.0015**	**J**	0.0017	0.00099	mg/Kg	☼	10/14/25 10:03	10/15/25 10:16	1
m-Xylene & p-Xylene	0.00086	U	0.00086	0.00036	mg/Kg	☼	10/14/25 10:03	10/15/25 10:16	1
n-Butylbenzene	0.00086	U	0.00086	0.00025	mg/Kg	☼	10/14/25 10:03	10/15/25 10:16	1
N-Propylbenzene	0.00086	U	0.00086	0.00039	mg/Kg	☼	10/14/25 10:03	10/15/25 10:16	1
o-Xylene	0.00086	U	0.00086	0.00040	mg/Kg	☼	10/14/25 10:03	10/15/25 10:16	1
sec-Butylbenzene	0.00086	U	0.00086	0.00025	mg/Kg	☼	10/14/25 10:03	10/15/25 10:16	1
Styrene	0.00086	U	0.00086	0.00024	mg/Kg	☼	10/14/25 10:03	10/15/25 10:16	1
tert-Butylbenzene	0.00086	U	0.00086	0.00024	mg/Kg	☼	10/14/25 10:03	10/15/25 10:16	1
Tetrachloroethene	0.00086	U	0.00086	0.00026	mg/Kg	☼	10/14/25 10:03	10/15/25 10:16	1
Toluene	**0.00045**	**J**	0.00086	0.00020	mg/Kg	☼	10/14/25 10:03	10/15/25 10:16	1
trans-1,2-Dichloroethene	0.00086	U	0.00086	0.00021	mg/Kg	☼	10/14/25 10:03	10/15/25 10:16	1
trans-1,3-Dichloropropene	0.00086	U	0.00086	0.00023	mg/Kg	☼	10/14/25 10:03	10/15/25 10:16	1
Trichloroethene	0.00086	U	0.00086	0.00028	mg/Kg	☼	10/14/25 10:03	10/15/25 10:16	1
Trichlorofluoromethane	0.00086	U	0.00086	0.00035	mg/Kg	☼	10/14/25 10:03	10/15/25 10:16	1
Vinyl chloride	0.00086	U	0.00086	0.00047	mg/Kg	☼	10/14/25 10:03	10/15/25 10:16	1
Xylenes, Total	0.0017	U	0.0017	0.00015	mg/Kg	☼	10/14/25 10:03	10/15/25 10:16	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,2-Dichloroethane-d4 (Surr)	*84*		*65 - 138*	*10/14/25 10:03*	*10/15/25 10:16*	*1*
4-Bromofluorobenzene	*95*		*71 - 128*	*10/14/25 10:03*	*10/15/25 10:16*	*1*
Dibromofluoromethane (Surr)	*96*		*50 - 150*	*10/14/25 10:03*	*10/15/25 10:16*	*1*
Toluene-d8 (Surr)	*101*		*71 - 126*	*10/14/25 10:03*	*10/15/25 10:16*	*1*

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Percent Moisture (EPA Moisture)	**4.4**		1.0	1.0	%			10/15/25 19:49	1
Percent Solids (EPA Moisture)	**95.6**		1.0	1.0	%			10/15/25 19:49	1

Client: Haley & Aldrich, Inc.
Project/Site: Former Port Mobil

Job ID: 460-337049-1

Client Sample ID: 52C2_5-6
Date Collected: 10/10/25 10:45
Date Received: 10/10/25 17:30

Lab Sample ID: 460-337049-47
Matrix: Solid
Percent Solids: 92.3

Method: SW846 8260D - Volatile Organic Compounds by GC/MS

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1-Trichloroethane	0.00097	U	0.00097	0.00023	mg/Kg	☼	10/14/25 10:03	10/16/25 00:05	1
1,1,2,2-Tetrachloroethane	0.00097	U	0.00097	0.00051	mg/Kg	☼	10/14/25 10:03	10/16/25 00:05	1
1,1,2-Trichloro-1,2,2-trifluoroethane	0.00097	U	0.00097	0.00029	mg/Kg	☼	10/14/25 10:03	10/16/25 00:05	1
1,1,2-Trichloroethane	0.00097	U	0.00097	0.00058	mg/Kg	☼	10/14/25 10:03	10/16/25 00:05	1
1,1-Dichloroethane	0.00097	U	0.00097	0.00058	mg/Kg	☼	10/14/25 10:03	10/16/25 00:05	1
1,1-Dichloroethene	0.00097	U	0.00097	0.00022	mg/Kg	☼	10/14/25 10:03	10/16/25 00:05	1
1,2,3-Trichlorobenzene	0.00097	U	0.00097	0.00071	mg/Kg	☼	10/14/25 10:03	10/16/25 00:05	1
1,2,4-Trichlorobenzene	0.00097	U	0.00097	0.00035	mg/Kg	☼	10/14/25 10:03	10/16/25 00:05	1
1,2,4-Trimethylbenzene	0.00097	U	0.00097	0.00024	mg/Kg	☼	10/14/25 10:03	10/16/25 00:05	1
1,2-Dibromo-3-Chloropropane	0.00097	U	0.00097	0.00045	mg/Kg	☼	10/14/25 10:03	10/16/25 00:05	1
1,2-Dichlorobenzene	0.00097	U	0.00097	0.00035	mg/Kg	☼	10/14/25 10:03	10/16/25 00:05	1
1,2-Dichloroethane	0.00097	U	0.00097	0.00029	mg/Kg	☼	10/14/25 10:03	10/16/25 00:05	1
1,2-Dichloropropane	0.00097	U	0.00097	0.00041	mg/Kg	☼	10/14/25 10:03	10/16/25 00:05	1
1,3,5-Trimethylbenzene	0.00097	U	0.00097	0.00030	mg/Kg	☼	10/14/25 10:03	10/16/25 00:05	1
1,3-Dichlorobenzene	0.00097	U	0.00097	0.00035	mg/Kg	☼	10/14/25 10:03	10/16/25 00:05	1
1,4-Dichlorobenzene	0.00097	U	0.00097	0.00050	mg/Kg	☼	10/14/25 10:03	10/16/25 00:05	1
2-Butanone (MEK)	0.0048	U	0.0048	0.00036	mg/Kg	☼	10/14/25 10:03	10/16/25 00:05	1
2-Hexanone	0.0048	U	0.0048	0.0017	mg/Kg	☼	10/14/25 10:03	10/16/25 00:05	1
4-Methyl-2-pentanone (MIBK)	0.0048	U	0.0048	0.0015	mg/Kg	☼	10/14/25 10:03	10/16/25 00:05	1
Acetone	0.0058	U	0.0058	0.0055	mg/Kg	☼	10/14/25 10:03	10/16/25 00:05	1
Benzene	0.00097	U	0.00097	0.00055	mg/Kg	☼	10/14/25 10:03	10/16/25 00:05	1
Bromoform	0.00097	U	0.00097	0.00041	mg/Kg	☼	10/14/25 10:03	10/16/25 00:05	1
Bromomethane	0.0019	U	0.0019	0.00097	mg/Kg	☼	10/14/25 10:03	10/16/25 00:05	1
Carbon disulfide	0.00097	U	0.00097	0.00026	mg/Kg	☼	10/14/25 10:03	10/16/25 00:05	1
Carbon tetrachloride	0.00097	U	0.00097	0.00037	mg/Kg	☼	10/14/25 10:03	10/16/25 00:05	1
Chlorobenzene	0.00097	U	0.00097	0.00049	mg/Kg	☼	10/14/25 10:03	10/16/25 00:05	1
Chlorobromomethane	0.00097	U	0.00097	0.00058	mg/Kg	☼	10/14/25 10:03	10/16/25 00:05	1
Chlorodibromomethane	0.00097	U	0.00097	0.00052	mg/Kg	☼	10/14/25 10:03	10/16/25 00:05	1
Chloroethane	0.00097	U	0.00097	0.00051	mg/Kg	☼	10/14/25 10:03	10/16/25 00:05	1
Chloroform	0.00097	U	0.00097	0.00094	mg/Kg	☼	10/14/25 10:03	10/16/25 00:05	1
Chloromethane	0.00097	U	0.00097	0.00042	mg/Kg	☼	10/14/25 10:03	10/16/25 00:05	1
cis-1,2-Dichloroethene	0.00097	U	0.00097	0.00035	mg/Kg	☼	10/14/25 10:03	10/16/25 00:05	1
cis-1,3-Dichloropropene	0.00097	U	0.00097	0.00026	mg/Kg	☼	10/14/25 10:03	10/16/25 00:05	1
Cyclohexane	0.00097	U	0.00097	0.00021	mg/Kg	☼	10/14/25 10:03	10/16/25 00:05	1
Dichlorobromomethane	0.00097	U	0.00097	0.00025	mg/Kg	☼	10/14/25 10:03	10/16/25 00:05	1
Dichlorodifluoromethane	0.00097	U	0.00097	0.00033	mg/Kg	☼	10/14/25 10:03	10/16/25 00:05	1
Ethylbenzene	0.00097	U	0.00097	0.00045	mg/Kg	☼	10/14/25 10:03	10/16/25 00:05	1
Ethylene Dibromide	0.00097	U	0.00097	0.00049	mg/Kg	☼	10/14/25 10:03	10/16/25 00:05	1
Isopropylbenzene	0.00097	U	0.00097	0.00028	mg/Kg	☼	10/14/25 10:03	10/16/25 00:05	1
Methyl acetate	0.0048	U	0.0048	0.0042	mg/Kg	☼	10/14/25 10:03	10/16/25 00:05	1
Methyl tert-butyl ether	0.00097	U	0.00097	0.00050	mg/Kg	☼	10/14/25 10:03	10/16/25 00:05	1
Methylcyclohexane	0.00097	U	0.00097	0.00048	mg/Kg	☼	10/14/25 10:03	10/16/25 00:05	1
Methylene Chloride	**0.0020**		0.0019	0.0011	mg/Kg	☼	10/14/25 10:03	10/16/25 00:05	1
m-Xylene & p-Xylene	0.00097	U	0.00097	0.00041	mg/Kg	☼	10/14/25 10:03	10/16/25 00:05	1
n-Butylbenzene	0.00097	U	0.00097	0.00028	mg/Kg	☼	10/14/25 10:03	10/16/25 00:05	1
N-Propylbenzene	0.00097	U	0.00097	0.00043	mg/Kg	☼	10/14/25 10:03	10/16/25 00:05	1
o-Xylene	0.00097	U	0.00097	0.00045	mg/Kg	☼	10/14/25 10:03	10/16/25 00:05	1
sec-Butylbenzene	0.00097	U	0.00097	0.00028	mg/Kg	☼	10/14/25 10:03	10/16/25 00:05	1
Styrene	0.00097	U	0.00097	0.00027	mg/Kg	☼	10/14/25 10:03	10/16/25 00:05	1

Client Sample ID: 52C2_5-6

Date Collected: 10/10/25 10:45
Date Received: 10/10/25 17:30

Lab Sample ID: 460-337049-47

Matrix: Solid
Percent Solids: 92.3

Method: SW846 8260D - Volatile Organic Compounds by GC/MS (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
tert-Butylbenzene	0.00097	U	0.00097	0.00027	mg/Kg	☼	10/14/25 10:03	10/16/25 00:05	1
Tetrachloroethene	0.00097	U	0.00097	0.00030	mg/Kg	☼	10/14/25 10:03	10/16/25 00:05	1
Toluene	**0.00045**	**J**	0.00097	0.00023	mg/Kg	☼	10/14/25 10:03	10/16/25 00:05	1
trans-1,2-Dichloroethene	0.00097	U	0.00097	0.00024	mg/Kg	☼	10/14/25 10:03	10/16/25 00:05	1
trans-1,3-Dichloropropene	0.00097	U	0.00097	0.00026	mg/Kg	☼	10/14/25 10:03	10/16/25 00:05	1
Trichloroethene	0.00097	U	0.00097	0.00031	mg/Kg	☼	10/14/25 10:03	10/16/25 00:05	1
Trichlorofluoromethane	0.00097	U	0.00097	0.00039	mg/Kg	☼	10/14/25 10:03	10/16/25 00:05	1
Vinyl chloride	0.00097	U	0.00097	0.00053	mg/Kg	☼	10/14/25 10:03	10/16/25 00:05	1
Xylenes, Total	0.0019	U	0.0019	0.00017	mg/Kg	☼	10/14/25 10:03	10/16/25 00:05	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,2-Dichloroethane-d4 (Surr)	*108*		*65 - 138*	*10/14/25 10:03*	*10/16/25 00:05*	*1*
4-Bromofluorobenzene	*103*		*71 - 128*	*10/14/25 10:03*	*10/16/25 00:05*	*1*
Dibromofluoromethane (Surr)	*104*		*50 - 150*	*10/14/25 10:03*	*10/16/25 00:05*	*1*
Toluene-d8 (Surr)	*96*		*71 - 126*	*10/14/25 10:03*	*10/16/25 00:05*	*1*

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Percent Moisture (EPA Moisture)	**7.7**		1.0	1.0	%			10/15/25 19:49	1
Percent Solids (EPA Moisture)	**92.3**		1.0	1.0	%			10/15/25 19:49	1

Client Sample ID: 52C_7-8

Date Collected: 10/10/25 10:50
Date Received: 10/10/25 17:30

Lab Sample ID: 460-337049-48

Matrix: Solid
Percent Solids: 92.4

Method: SW846 8260D - Volatile Organic Compounds by GC/MS

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1-Trichloroethane	0.0014	U	0.0014	0.00033	mg/Kg	☼	10/14/25 10:03	10/15/25 11:04	1
1,1,2,2-Tetrachloroethane	0.0014	U	0.0014	0.00073	mg/Kg	☼	10/14/25 10:03	10/15/25 11:04	1
1,1,2-Trichloro-1,2,2-trifluoroethane	0.0014	U	0.0014	0.00042	mg/Kg	☼	10/14/25 10:03	10/15/25 11:04	1
1,1,2-Trichloroethane	0.0014	U	0.0014	0.00084	mg/Kg	☼	10/14/25 10:03	10/15/25 11:04	1
1,1-Dichloroethane	0.0014	U	0.0014	0.00083	mg/Kg	☼	10/14/25 10:03	10/15/25 11:04	1
1,1-Dichloroethene	0.0014	U	0.0014	0.00031	mg/Kg	☼	10/14/25 10:03	10/15/25 11:04	1
1,2,3-Trichlorobenzene	0.0014	U	0.0014	0.0010	mg/Kg	☼	10/14/25 10:03	10/15/25 11:04	1
1,2,4-Trichlorobenzene	0.0014	U	0.0014	0.00050	mg/Kg	☼	10/14/25 10:03	10/15/25 11:04	1
1,2,4-Trimethylbenzene	0.0014	U	0.0014	0.00034	mg/Kg	☼	10/14/25 10:03	10/15/25 11:04	1
1,2-Dibromo-3-Chloropropane	0.0014	U	0.0014	0.00064	mg/Kg	☼	10/14/25 10:03	10/15/25 11:04	1
1,2-Dichlorobenzene	0.0014	U	0.0014	0.00050	mg/Kg	☼	10/14/25 10:03	10/15/25 11:04	1
1,2-Dichloroethane	0.0014	U	0.0014	0.00041	mg/Kg	☼	10/14/25 10:03	10/15/25 11:04	1
1,2-Dichloropropane	0.0014	U	0.0014	0.00059	mg/Kg	☼	10/14/25 10:03	10/15/25 11:04	1
1,3,5-Trimethylbenzene	0.0014	U	0.0014	0.00044	mg/Kg	☼	10/14/25 10:03	10/15/25 11:04	1
1,3-Dichlorobenzene	0.0014	U	0.0014	0.00051	mg/Kg	☼	10/14/25 10:03	10/15/25 11:04	1
1,4-Dichlorobenzene	0.0014	U	0.0014	0.00072	mg/Kg	☼	10/14/25 10:03	10/15/25 11:04	1
2-Butanone (MEK)	0.0070	U	0.0070	0.00051	mg/Kg	☼	10/14/25 10:03	10/15/25 11:04	1
2-Hexanone	0.0070	U	0.0070	0.0024	mg/Kg	☼	10/14/25 10:03	10/15/25 11:04	1
4-Methyl-2-pentanone (MIBK)	0.0070	U	0.0070	0.0022	mg/Kg	☼	10/14/25 10:03	10/15/25 11:04	1
Acetone	0.0084	U	0.0084	0.0080	mg/Kg	☼	10/14/25 10:03	10/15/25 11:04	1
Benzene	0.0014	U	0.0014	0.00079	mg/Kg	☼	10/14/25 10:03	10/15/25 11:04	1
Bromoform	0.0014	U	0.0014	0.00059	mg/Kg	☼	10/14/25 10:03	10/15/25 11:04	1
Bromomethane	0.0028	U	0.0028	0.0014	mg/Kg	☼	10/14/25 10:03	10/15/25 11:04	1

Client Sample ID: 52C_7-8
Date Collected: 10/10/25 10:50
Date Received: 10/10/25 17:30

Lab Sample ID: 460-337049-48
Matrix: Solid
Percent Solids: 92.4

Method: SW846 8260D - Volatile Organic Compounds by GC/MS (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Carbon disulfide	0.0014	U	0.0014	0.00037	mg/Kg	☼	10/14/25 10:03	10/15/25 11:04	1
Carbon tetrachloride	0.0014	U	0.0014	0.00054	mg/Kg	☼	10/14/25 10:03	10/15/25 11:04	1
Chlorobenzene	0.0014	U	0.0014	0.00071	mg/Kg	☼	10/14/25 10:03	10/15/25 11:04	1
Chlorobromomethane	0.0014	U	0.0014	0.00083	mg/Kg	☼	10/14/25 10:03	10/15/25 11:04	1
Chlorodibromomethane	0.0014	U	0.0014	0.00075	mg/Kg	☼	10/14/25 10:03	10/15/25 11:04	1
Chloroethane	0.0014	U	0.0014	0.00073	mg/Kg	☼	10/14/25 10:03	10/15/25 11:04	1
Chloroform	0.0014	U	0.0014	0.0014	mg/Kg	☼	10/14/25 10:03	10/15/25 11:04	1
Chloromethane	0.0014	U	0.0014	0.00061	mg/Kg	☼	10/14/25 10:03	10/15/25 11:04	1
cis-1,2-Dichloroethene	0.0014	U	0.0014	0.00050	mg/Kg	☼	10/14/25 10:03	10/15/25 11:04	1
cis-1,3-Dichloropropene	0.0014	U	0.0014	0.00038	mg/Kg	☼	10/14/25 10:03	10/15/25 11:04	1
Cyclohexane	0.0014	U	0.0014	0.00031	mg/Kg	☼	10/14/25 10:03	10/15/25 11:04	1
Dichlorobromomethane	0.0014	U	0.0014	0.00036	mg/Kg	☼	10/14/25 10:03	10/15/25 11:04	1
Dichlorodifluoromethane	0.0014	U *	0.0014	0.00047	mg/Kg	☼	10/14/25 10:03	10/15/25 11:04	1
Ethylbenzene	0.0014	U	0.0014	0.00065	mg/Kg	☼	10/14/25 10:03	10/15/25 11:04	1
Ethylene Dibromide	0.0014	U	0.0014	0.00070	mg/Kg	☼	10/14/25 10:03	10/15/25 11:04	1
Isopropylbenzene	0.0014	U	0.0014	0.00040	mg/Kg	☼	10/14/25 10:03	10/15/25 11:04	1
Methyl acetate	0.0070	U	0.0070	0.0060	mg/Kg	☼	10/14/25 10:03	10/15/25 11:04	1
Methyl tert-butyl ether	0.0014	U	0.0014	0.00071	mg/Kg	☼	10/14/25 10:03	10/15/25 11:04	1
Methylcyclohexane	0.0014	U	0.0014	0.00070	mg/Kg	☼	10/14/25 10:03	10/15/25 11:04	1
Methylene Chloride	**0.0025**	**J**	0.0028	0.0016	mg/Kg	☼	10/14/25 10:03	10/15/25 11:04	1
m-Xylene & p-Xylene	0.0014	U	0.0014	0.00059	mg/Kg	☼	10/14/25 10:03	10/15/25 11:04	1
n-Butylbenzene	0.0014	U	0.0014	0.00041	mg/Kg	☼	10/14/25 10:03	10/15/25 11:04	1
N-Propylbenzene	0.0014	U	0.0014	0.00063	mg/Kg	☼	10/14/25 10:03	10/15/25 11:04	1
o-Xylene	0.0014	U	0.0014	0.00064	mg/Kg	☼	10/14/25 10:03	10/15/25 11:04	1
sec-Butylbenzene	0.0014	U	0.0014	0.00040	mg/Kg	☼	10/14/25 10:03	10/15/25 11:04	1
Styrene	0.0014	U	0.0014	0.00039	mg/Kg	☼	10/14/25 10:03	10/15/25 11:04	1
tert-Butylbenzene	0.0014	U	0.0014	0.00039	mg/Kg	☼	10/14/25 10:03	10/15/25 11:04	1
Tetrachloroethene	0.0014	U	0.0014	0.00043	mg/Kg	☼	10/14/25 10:03	10/15/25 11:04	1
Toluene	**0.0010**	**J**	0.0014	0.00033	mg/Kg	☼	10/14/25 10:03	10/15/25 11:04	1
trans-1,2-Dichloroethene	0.0014	U	0.0014	0.00034	mg/Kg	☼	10/14/25 10:03	10/15/25 11:04	1
trans-1,3-Dichloropropene	0.0014	U	0.0014	0.00037	mg/Kg	☼	10/14/25 10:03	10/15/25 11:04	1
Trichloroethene	0.0014	U	0.0014	0.00045	mg/Kg	☼	10/14/25 10:03	10/15/25 11:04	1
Trichlorofluoromethane	0.0014	U	0.0014	0.00057	mg/Kg	☼	10/14/25 10:03	10/15/25 11:04	1
Vinyl chloride	0.0014	U	0.0014	0.00076	mg/Kg	☼	10/14/25 10:03	10/15/25 11:04	1
Xylenes, Total	0.0028	U	0.0028	0.00024	mg/Kg	☼	10/14/25 10:03	10/15/25 11:04	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,2-Dichloroethane-d4 (Surr)	*84*		*65 - 138*	*10/14/25 10:03*	*10/15/25 11:04*	*1*
4-Bromofluorobenzene	*98*		*71 - 128*	*10/14/25 10:03*	*10/15/25 11:04*	*1*
Dibromofluoromethane (Surr)	*98*		*50 - 150*	*10/14/25 10:03*	*10/15/25 11:04*	*1*
Toluene-d8 (Surr)	*101*		*71 - 126*	*10/14/25 10:03*	*10/15/25 11:04*	*1*

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Percent Moisture (EPA Moisture)	**7.6**		1.0	1.0	%			10/15/25 19:49	1
Percent Solids (EPA Moisture)	**92.4**		1.0	1.0	%			10/15/25 19:49	1

Client: Haley & Aldrich, Inc.
Project/Site: Former Port Mobil

Job ID: 460-337049-1

Client Sample ID: 52C3_2-3
Date Collected: 10/10/25 10:55
Date Received: 10/10/25 17:30

Lab Sample ID: 460-337049-49
Matrix: Solid
Percent Solids: 93.3

Method: SW846 8260D - Volatile Organic Compounds by GC/MS

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1-Trichloroethane	0.0011	U	0.0011	0.00026	mg/Kg	☼	10/14/25 10:04	10/15/25 11:29	1
1,1,2,2-Tetrachloroethane	0.0011	U	0.0011	0.00058	mg/Kg	☼	10/14/25 10:04	10/15/25 11:29	1
1,1,2-Trichloro-1,2,2-trifluoroethane	0.0011	U	0.0011	0.00033	mg/Kg	☼	10/14/25 10:04	10/15/25 11:29	1
1,1,2-Trichloroethane	0.0011	U	0.0011	0.00067	mg/Kg	☼	10/14/25 10:04	10/15/25 11:29	1
1,1-Dichloroethane	0.0011	U	0.0011	0.00066	mg/Kg	☼	10/14/25 10:04	10/15/25 11:29	1
1,1-Dichloroethene	0.0011	U	0.0011	0.00025	mg/Kg	☼	10/14/25 10:04	10/15/25 11:29	1
1,2,3-Trichlorobenzene	0.0011	U	0.0011	0.00082	mg/Kg	☼	10/14/25 10:04	10/15/25 11:29	1
1,2,4-Trichlorobenzene	0.0011	U	0.0011	0.00040	mg/Kg	☼	10/14/25 10:04	10/15/25 11:29	1
1,2,4-Trimethylbenzene	0.0011	U	0.0011	0.00027	mg/Kg	☼	10/14/25 10:04	10/15/25 11:29	1
1,2-Dibromo-3-Chloropropane	0.0011	U	0.0011	0.00051	mg/Kg	☼	10/14/25 10:04	10/15/25 11:29	1
1,2-Dichlorobenzene	0.0011	U	0.0011	0.00040	mg/Kg	☼	10/14/25 10:04	10/15/25 11:29	1
1,2-Dichloroethane	0.0011	U	0.0011	0.00033	mg/Kg	☼	10/14/25 10:04	10/15/25 11:29	1
1,2-Dichloropropane	0.0011	U	0.0011	0.00047	mg/Kg	☼	10/14/25 10:04	10/15/25 11:29	1
1,3,5-Trimethylbenzene	0.0011	U	0.0011	0.00035	mg/Kg	☼	10/14/25 10:04	10/15/25 11:29	1
1,3-Dichlorobenzene	0.0011	U	0.0011	0.00040	mg/Kg	☼	10/14/25 10:04	10/15/25 11:29	1
1,4-Dichlorobenzene	0.0011	U	0.0011	0.00058	mg/Kg	☼	10/14/25 10:04	10/15/25 11:29	1
2-Butanone (MEK)	0.0055	U	0.0055	0.00041	mg/Kg	☼	10/14/25 10:04	10/15/25 11:29	1
2-Hexanone	0.0055	U	0.0055	0.0019	mg/Kg	☼	10/14/25 10:04	10/15/25 11:29	1
4-Methyl-2-pentanone (MIBK)	0.0055	U	0.0055	0.0017	mg/Kg	☼	10/14/25 10:04	10/15/25 11:29	1
Acetone	0.0066	U	0.0066	0.0063	mg/Kg	☼	10/14/25 10:04	10/15/25 11:29	1
Benzene	0.0011	U	0.0011	0.00063	mg/Kg	☼	10/14/25 10:04	10/15/25 11:29	1
Bromoform	0.0011	U	0.0011	0.00047	mg/Kg	☼	10/14/25 10:04	10/15/25 11:29	1
Bromomethane	0.0022	U	0.0022	0.0011	mg/Kg	☼	10/14/25 10:04	10/15/25 11:29	1
Carbon disulfide	0.0011	U	0.0011	0.00029	mg/Kg	☼	10/14/25 10:04	10/15/25 11:29	1
Carbon tetrachloride	0.0011	U	0.0011	0.00043	mg/Kg	☼	10/14/25 10:04	10/15/25 11:29	1
Chlorobenzene	0.0011	U	0.0011	0.00056	mg/Kg	☼	10/14/25 10:04	10/15/25 11:29	1
Chlorobromomethane	0.0011	U	0.0011	0.00066	mg/Kg	☼	10/14/25 10:04	10/15/25 11:29	1
Chlorodibromomethane	0.0011	U	0.0011	0.00060	mg/Kg	☼	10/14/25 10:04	10/15/25 11:29	1
Chloroethane	0.0011	U	0.0011	0.00058	mg/Kg	☼	10/14/25 10:04	10/15/25 11:29	1
Chloroform	0.0011	U	0.0011	0.0011	mg/Kg	☼	10/14/25 10:04	10/15/25 11:29	1
Chloromethane	0.0011	U	0.0011	0.00048	mg/Kg	☼	10/14/25 10:04	10/15/25 11:29	1
cis-1,2-Dichloroethene	0.0011	U	0.0011	0.00040	mg/Kg	☼	10/14/25 10:04	10/15/25 11:29	1
cis-1,3-Dichloropropene	0.0011	U	0.0011	0.00030	mg/Kg	☼	10/14/25 10:04	10/15/25 11:29	1
Cyclohexane	0.0011	U	0.0011	0.00024	mg/Kg	☼	10/14/25 10:04	10/15/25 11:29	1
Dichlorobromomethane	0.0011	U	0.0011	0.00028	mg/Kg	☼	10/14/25 10:04	10/15/25 11:29	1
Dichlorodifluoromethane	0.0011	U *	0.0011	0.00037	mg/Kg	☼	10/14/25 10:04	10/15/25 11:29	1
Ethylbenzene	0.0011	U	0.0011	0.00052	mg/Kg	☼	10/14/25 10:04	10/15/25 11:29	1
Ethylene Dibromide	0.0011	U	0.0011	0.00056	mg/Kg	☼	10/14/25 10:04	10/15/25 11:29	1
Isopropylbenzene	0.0011	U	0.0011	0.00032	mg/Kg	☼	10/14/25 10:04	10/15/25 11:29	1
Methyl acetate	0.0055	U	0.0055	0.0048	mg/Kg	☼	10/14/25 10:04	10/15/25 11:29	1
Methyl tert-butyl ether	0.0011	U	0.0011	0.00057	mg/Kg	☼	10/14/25 10:04	10/15/25 11:29	1
Methylcyclohexane	0.0011	U	0.0011	0.00055	mg/Kg	☼	10/14/25 10:04	10/15/25 11:29	1
Methylene Chloride	**0.0018**	**J**	0.0022	0.0013	mg/Kg	☼	10/14/25 10:04	10/15/25 11:29	1
m-Xylene & p-Xylene	0.0011	U	0.0011	0.00047	mg/Kg	☼	10/14/25 10:04	10/15/25 11:29	1
n-Butylbenzene	0.0011	U	0.0011	0.00033	mg/Kg	☼	10/14/25 10:04	10/15/25 11:29	1
N-Propylbenzene	0.0011	U	0.0011	0.00050	mg/Kg	☼	10/14/25 10:04	10/15/25 11:29	1
o-Xylene	0.0011	U	0.0011	0.00051	mg/Kg	☼	10/14/25 10:04	10/15/25 11:29	1
sec-Butylbenzene	0.0011	U	0.0011	0.00032	mg/Kg	☼	10/14/25 10:04	10/15/25 11:29	1
Styrene	0.0011	U	0.0011	0.00031	mg/Kg	☼	10/14/25 10:04	10/15/25 11:29	1

Client Sample ID: 52C3_2-3

Date Collected: 10/10/25 10:55
Date Received: 10/10/25 17:30

Lab Sample ID: 460-337049-49

Matrix: Solid
Percent Solids: 93.3

Method: SW846 8260D - Volatile Organic Compounds by GC/MS (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
tert-Butylbenzene	0.0011	U	0.0011	0.00031	mg/Kg	☼	10/14/25 10:04	10/15/25 11:29	1
Tetrachloroethene	0.0011	U	0.0011	0.00034	mg/Kg	☼	10/14/25 10:04	10/15/25 11:29	1
Toluene	**0.00061**	**J**	0.0011	0.00026	mg/Kg	☼	10/14/25 10:04	10/15/25 11:29	1
trans-1,2-Dichloroethene	0.0011	U	0.0011	0.00027	mg/Kg	☼	10/14/25 10:04	10/15/25 11:29	1
trans-1,3-Dichloropropene	0.0011	U	0.0011	0.00029	mg/Kg	☼	10/14/25 10:04	10/15/25 11:29	1
Trichloroethene	0.0011	U	0.0011	0.00036	mg/Kg	☼	10/14/25 10:04	10/15/25 11:29	1
Trichlorofluoromethane	0.0011	U	0.0011	0.00045	mg/Kg	☼	10/14/25 10:04	10/15/25 11:29	1
Vinyl chloride	0.0011	U	0.0011	0.00061	mg/Kg	☼	10/14/25 10:04	10/15/25 11:29	1
Xylenes, Total	0.0022	U	0.0022	0.00019	mg/Kg	☼	10/14/25 10:04	10/15/25 11:29	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,2-Dichloroethane-d4 (Surr)	*87*		*65 - 138*	*10/14/25 10:04*	*10/15/25 11:29*	*1*
4-Bromofluorobenzene	*95*		*71 - 128*	*10/14/25 10:04*	*10/15/25 11:29*	*1*
Dibromofluoromethane (Surr)	*98*		*50 - 150*	*10/14/25 10:04*	*10/15/25 11:29*	*1*
Toluene-d8 (Surr)	*101*		*71 - 126*	*10/14/25 10:04*	*10/15/25 11:29*	*1*

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Percent Moisture (EPA Moisture)	**6.7**		1.0	1.0	%			10/15/25 19:49	1
Percent Solids (EPA Moisture)	**93.3**		1.0	1.0	%			10/15/25 19:49	1

Client Sample ID: 52D1_3-4

Date Collected: 10/10/25 11:00
Date Received: 10/10/25 17:30

Lab Sample ID: 460-337049-50

Matrix: Solid
Percent Solids: 92.6

Method: SW846 8260D - Volatile Organic Compounds by GC/MS

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1-Trichloroethane	0.00094	U	0.00094	0.00022	mg/Kg	☼	10/14/25 10:04	10/15/25 11:53	1
1,1,2,2-Tetrachloroethane	0.00094	U	0.00094	0.00049	mg/Kg	☼	10/14/25 10:04	10/15/25 11:53	1
1,1,2-Trichloro-1,2,2-trifluoroethane	0.00094	U	0.00094	0.00028	mg/Kg	☼	10/14/25 10:04	10/15/25 11:53	1
1,1,2-Trichloroethane	0.00094	U	0.00094	0.00057	mg/Kg	☼	10/14/25 10:04	10/15/25 11:53	1
1,1-Dichloroethane	0.00094	U	0.00094	0.00056	mg/Kg	☼	10/14/25 10:04	10/15/25 11:53	1
1,1-Dichloroethene	0.00094	U	0.00094	0.00021	mg/Kg	☼	10/14/25 10:04	10/15/25 11:53	1
1,2,3-Trichlorobenzene	0.00094	U	0.00094	0.00070	mg/Kg	☼	10/14/25 10:04	10/15/25 11:53	1
1,2,4-Trichlorobenzene	0.00094	U	0.00094	0.00034	mg/Kg	☼	10/14/25 10:04	10/15/25 11:53	1
1,2,4-Trimethylbenzene	0.00094	U	0.00094	0.00023	mg/Kg	☼	10/14/25 10:04	10/15/25 11:53	1
1,2-Dibromo-3-Chloropropane	0.00094	U	0.00094	0.00043	mg/Kg	☼	10/14/25 10:04	10/15/25 11:53	1
1,2-Dichlorobenzene	0.00094	U	0.00094	0.00034	mg/Kg	☼	10/14/25 10:04	10/15/25 11:53	1
1,2-Dichloroethane	0.00094	U	0.00094	0.00028	mg/Kg	☼	10/14/25 10:04	10/15/25 11:53	1
1,2-Dichloropropane	0.00094	U	0.00094	0.00040	mg/Kg	☼	10/14/25 10:04	10/15/25 11:53	1
1,3,5-Trimethylbenzene	0.00094	U	0.00094	0.00030	mg/Kg	☼	10/14/25 10:04	10/15/25 11:53	1
1,3-Dichlorobenzene	0.00094	U	0.00094	0.00034	mg/Kg	☼	10/14/25 10:04	10/15/25 11:53	1
1,4-Dichlorobenzene	0.00094	U	0.00094	0.00049	mg/Kg	☼	10/14/25 10:04	10/15/25 11:53	1
2-Butanone (MEK)	0.0047	U	0.0047	0.00035	mg/Kg	☼	10/14/25 10:04	10/15/25 11:53	1
2-Hexanone	0.0047	U	0.0047	0.0016	mg/Kg	☼	10/14/25 10:04	10/15/25 11:53	1
4-Methyl-2-pentanone (MIBK)	0.0047	U	0.0047	0.0015	mg/Kg	☼	10/14/25 10:04	10/15/25 11:53	1
Acetone	0.0057	U	0.0057	0.0054	mg/Kg	☼	10/14/25 10:04	10/15/25 11:53	1
Benzene	0.00094	U	0.00094	0.00054	mg/Kg	☼	10/14/25 10:04	10/15/25 11:53	1
Bromoform	0.00094	U	0.00094	0.00040	mg/Kg	☼	10/14/25 10:04	10/15/25 11:53	1
Bromomethane	0.0019	U	0.0019	0.00094	mg/Kg	☼	10/14/25 10:04	10/15/25 11:53	1

Client Sample ID: 52D1_3-4
Date Collected: 10/10/25 11:00
Date Received: 10/10/25 17:30

Lab Sample ID: 460-337049-50
Matrix: Solid
Percent Solids: 92.6

Method: SW846 8260D - Volatile Organic Compounds by GC/MS (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Carbon disulfide	0.00094	U	0.00094	0.00025	mg/Kg	☼	10/14/25 10:04	10/15/25 11:53	1
Carbon tetrachloride	0.00094	U	0.00094	0.00037	mg/Kg	☼	10/14/25 10:04	10/15/25 11:53	1
Chlorobenzene	0.00094	U	0.00094	0.00048	mg/Kg	☼	10/14/25 10:04	10/15/25 11:53	1
Chlorobromomethane	0.00094	U	0.00094	0.00056	mg/Kg	☼	10/14/25 10:04	10/15/25 11:53	1
Chlorodibromomethane	0.00094	U	0.00094	0.00051	mg/Kg	☼	10/14/25 10:04	10/15/25 11:53	1
Chloroethane	0.00094	U	0.00094	0.00049	mg/Kg	☼	10/14/25 10:04	10/15/25 11:53	1
Chloroform	0.00094	U	0.00094	0.00092	mg/Kg	☼	10/14/25 10:04	10/15/25 11:53	1
Chloromethane	0.00094	U	0.00094	0.00041	mg/Kg	☼	10/14/25 10:04	10/15/25 11:53	1
cis-1,2-Dichloroethene	0.00094	U	0.00094	0.00034	mg/Kg	☼	10/14/25 10:04	10/15/25 11:53	1
cis-1,3-Dichloropropene	0.00094	U	0.00094	0.00026	mg/Kg	☼	10/14/25 10:04	10/15/25 11:53	1
Cyclohexane	0.00094	U	0.00094	0.00021	mg/Kg	☼	10/14/25 10:04	10/15/25 11:53	1
Dichlorobromomethane	0.00094	U	0.00094	0.00024	mg/Kg	☼	10/14/25 10:04	10/15/25 11:53	1
Dichlorodifluoromethane	0.00094	U *	0.00094	0.00032	mg/Kg	☼	10/14/25 10:04	10/15/25 11:53	1
Ethylbenzene	0.00094	U	0.00094	0.00044	mg/Kg	☼	10/14/25 10:04	10/15/25 11:53	1
Ethylene Dibromide	0.00094	U	0.00094	0.00048	mg/Kg	☼	10/14/25 10:04	10/15/25 11:53	1
Isopropylbenzene	0.00094	U	0.00094	0.00027	mg/Kg	☼	10/14/25 10:04	10/15/25 11:53	1
Methyl acetate	0.0047	U	0.0047	0.0041	mg/Kg	☼	10/14/25 10:04	10/15/25 11:53	1
Methyl tert-butyl ether	0.00094	U	0.00094	0.00048	mg/Kg	☼	10/14/25 10:04	10/15/25 11:53	1
Methylcyclohexane	0.00094	U	0.00094	0.00047	mg/Kg	☼	10/14/25 10:04	10/15/25 11:53	1
Methylene Chloride	**0.0017**	**J**	0.0019	0.0011	mg/Kg	☼	10/14/25 10:04	10/15/25 11:53	1
m-Xylene & p-Xylene	0.00094	U	0.00094	0.00040	mg/Kg	☼	10/14/25 10:04	10/15/25 11:53	1
n-Butylbenzene	0.00094	U	0.00094	0.00028	mg/Kg	☼	10/14/25 10:04	10/15/25 11:53	1
N-Propylbenzene	0.00094	U	0.00094	0.00042	mg/Kg	☼	10/14/25 10:04	10/15/25 11:53	1
o-Xylene	0.00094	U	0.00094	0.00044	mg/Kg	☼	10/14/25 10:04	10/15/25 11:53	1
sec-Butylbenzene	0.00094	U	0.00094	0.00027	mg/Kg	☼	10/14/25 10:04	10/15/25 11:53	1
Styrene	0.00094	U	0.00094	0.00026	mg/Kg	☼	10/14/25 10:04	10/15/25 11:53	1
tert-Butylbenzene	0.00094	U	0.00094	0.00026	mg/Kg	☼	10/14/25 10:04	10/15/25 11:53	1
Tetrachloroethene	0.00094	U	0.00094	0.00029	mg/Kg	☼	10/14/25 10:04	10/15/25 11:53	1
Toluene	**0.00072**	**J**	0.00094	0.00022	mg/Kg	☼	10/14/25 10:04	10/15/25 11:53	1
trans-1,2-Dichloroethene	0.00094	U	0.00094	0.00023	mg/Kg	☼	10/14/25 10:04	10/15/25 11:53	1
trans-1,3-Dichloropropene	0.00094	U	0.00094	0.00025	mg/Kg	☼	10/14/25 10:04	10/15/25 11:53	1
Trichloroethene	0.00094	U	0.00094	0.00030	mg/Kg	☼	10/14/25 10:04	10/15/25 11:53	1
Trichlorofluoromethane	0.00094	U	0.00094	0.00038	mg/Kg	☼	10/14/25 10:04	10/15/25 11:53	1
Vinyl chloride	0.00094	U	0.00094	0.00052	mg/Kg	☼	10/14/25 10:04	10/15/25 11:53	1
Xylenes, Total	0.0019	U	0.0019	0.00016	mg/Kg	☼	10/14/25 10:04	10/15/25 11:53	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,2-Dichloroethane-d4 (Surr)	*85*		*65 - 138*	*10/14/25 10:04*	*10/15/25 11:53*	*1*
4-Bromofluorobenzene	*99*		*71 - 128*	*10/14/25 10:04*	*10/15/25 11:53*	*1*
Dibromofluoromethane (Surr)	*99*		*50 - 150*	*10/14/25 10:04*	*10/15/25 11:53*	*1*
Toluene-d8 (Surr)	*101*		*71 - 126*	*10/14/25 10:04*	*10/15/25 11:53*	*1*

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Percent Moisture (EPA Moisture)	**7.4**		1.0	1.0	%			10/15/25 19:49	1
Percent Solids (EPA Moisture)	**92.6**		1.0	1.0	%			10/15/25 19:49	1

Client: Haley & Aldrich, Inc.
Project/Site: Former Port Mobil

Job ID: 460-337049-1

Client Sample ID: 52D2_1-2
Date Collected: 10/10/25 11:05
Date Received: 10/10/25 17:30

Lab Sample ID: 460-337049-51
Matrix: Solid
Percent Solids: 97.3

Method: SW846 8260D - Volatile Organic Compounds by GC/MS

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1-Trichloroethane	0.00089	U	0.00089	0.00021	mg/Kg	☼	10/14/25 10:04	10/15/25 12:17	1
1,1,2,2-Tetrachloroethane	0.00089	U	0.00089	0.00046	mg/Kg	☼	10/14/25 10:04	10/15/25 12:17	1
1,1,2-Trichloro-1,2,2-trifluoroethane	0.00089	U	0.00089	0.00027	mg/Kg	☼	10/14/25 10:04	10/15/25 12:17	1
1,1,2-Trichloroethane	0.00089	U	0.00089	0.00053	mg/Kg	☼	10/14/25 10:04	10/15/25 12:17	1
1,1-Dichloroethane	0.00089	U	0.00089	0.00053	mg/Kg	☼	10/14/25 10:04	10/15/25 12:17	1
1,1-Dichloroethene	0.00089	U	0.00089	0.00020	mg/Kg	☼	10/14/25 10:04	10/15/25 12:17	1
1,2,3-Trichlorobenzene	0.00089	U	0.00089	0.00065	mg/Kg	☼	10/14/25 10:04	10/15/25 12:17	1
1,2,4-Trichlorobenzene	0.00089	U	0.00089	0.00032	mg/Kg	☼	10/14/25 10:04	10/15/25 12:17	1
1,2,4-Trimethylbenzene	0.00089	U	0.00089	0.00022	mg/Kg	☼	10/14/25 10:04	10/15/25 12:17	1
1,2-Dibromo-3-Chloropropane	0.00089	U	0.00089	0.00041	mg/Kg	☼	10/14/25 10:04	10/15/25 12:17	1
1,2-Dichlorobenzene	0.00089	U	0.00089	0.00032	mg/Kg	☼	10/14/25 10:04	10/15/25 12:17	1
1,2-Dichloroethane	0.00089	U	0.00089	0.00026	mg/Kg	☼	10/14/25 10:04	10/15/25 12:17	1
1,2-Dichloropropane	0.00089	U	0.00089	0.00038	mg/Kg	☼	10/14/25 10:04	10/15/25 12:17	1
1,3,5-Trimethylbenzene	0.00089	U	0.00089	0.00028	mg/Kg	☼	10/14/25 10:04	10/15/25 12:17	1
1,3-Dichlorobenzene	0.00089	U	0.00089	0.00032	mg/Kg	☼	10/14/25 10:04	10/15/25 12:17	1
1,4-Dichlorobenzene	0.00089	U	0.00089	0.00046	mg/Kg	☼	10/14/25 10:04	10/15/25 12:17	1
2-Butanone (MEK)	0.0044	U	0.0044	0.00033	mg/Kg	☼	10/14/25 10:04	10/15/25 12:17	1
2-Hexanone	0.0044	U	0.0044	0.0015	mg/Kg	☼	10/14/25 10:04	10/15/25 12:17	1
4-Methyl-2-pentanone (MIBK)	0.0044	U	0.0044	0.0014	mg/Kg	☼	10/14/25 10:04	10/15/25 12:17	1
Acetone	0.0053	U	0.0053	0.0051	mg/Kg	☼	10/14/25 10:04	10/15/25 12:17	1
Benzene	0.00089	U	0.00089	0.00050	mg/Kg	☼	10/14/25 10:04	10/15/25 12:17	1
Bromoform	0.00089	U	0.00089	0.00038	mg/Kg	☼	10/14/25 10:04	10/15/25 12:17	1
Bromomethane	0.0018	U	0.0018	0.00089	mg/Kg	☼	10/14/25 10:04	10/15/25 12:17	1
Carbon disulfide	0.00089	U	0.00089	0.00024	mg/Kg	☼	10/14/25 10:04	10/15/25 12:17	1
Carbon tetrachloride	0.00089	U	0.00089	0.00034	mg/Kg	☼	10/14/25 10:04	10/15/25 12:17	1
Chlorobenzene	0.00089	U	0.00089	0.00045	mg/Kg	☼	10/14/25 10:04	10/15/25 12:17	1
Chlorobromomethane	0.00089	U	0.00089	0.00053	mg/Kg	☼	10/14/25 10:04	10/15/25 12:17	1
Chlorodibromomethane	0.00089	U	0.00089	0.00048	mg/Kg	☼	10/14/25 10:04	10/15/25 12:17	1
Chloroethane	0.00089	U	0.00089	0.00046	mg/Kg	☼	10/14/25 10:04	10/15/25 12:17	1
Chloroform	0.00089	U	0.00089	0.00086	mg/Kg	☼	10/14/25 10:04	10/15/25 12:17	1
Chloromethane	0.00089	U	0.00089	0.00039	mg/Kg	☼	10/14/25 10:04	10/15/25 12:17	1
cis-1,2-Dichloroethene	0.00089	U	0.00089	0.00032	mg/Kg	☼	10/14/25 10:04	10/15/25 12:17	1
cis-1,3-Dichloropropene	0.00089	U	0.00089	0.00024	mg/Kg	☼	10/14/25 10:04	10/15/25 12:17	1
Cyclohexane	0.00089	U	0.00089	0.00020	mg/Kg	☼	10/14/25 10:04	10/15/25 12:17	1
Dichlorobromomethane	0.00089	U	0.00089	0.00023	mg/Kg	☼	10/14/25 10:04	10/15/25 12:17	1
Dichlorodifluoromethane	0.00089	U *	0.00089	0.00030	mg/Kg	☼	10/14/25 10:04	10/15/25 12:17	1
Ethylbenzene	0.00089	U	0.00089	0.00042	mg/Kg	☼	10/14/25 10:04	10/15/25 12:17	1
Ethylene Dibromide	0.00089	U	0.00089	0.00045	mg/Kg	☼	10/14/25 10:04	10/15/25 12:17	1
Isopropylbenzene	0.00089	U	0.00089	0.00025	mg/Kg	☼	10/14/25 10:04	10/15/25 12:17	1
Methyl acetate	0.0044	U	0.0044	0.0038	mg/Kg	☼	10/14/25 10:04	10/15/25 12:17	1
Methyl tert-butyl ether	0.00089	U	0.00089	0.00045	mg/Kg	☼	10/14/25 10:04	10/15/25 12:17	1
Methylcyclohexane	0.00089	U	0.00089	0.00044	mg/Kg	☼	10/14/25 10:04	10/15/25 12:17	1
Methylene Chloride	**0.0016**	**J**	0.0018	0.0010	mg/Kg	☼	10/14/25 10:04	10/15/25 12:17	1
m-Xylene & p-Xylene	0.00089	U	0.00089	0.00038	mg/Kg	☼	10/14/25 10:04	10/15/25 12:17	1
n-Butylbenzene	0.00089	U	0.00089	0.00026	mg/Kg	☼	10/14/25 10:04	10/15/25 12:17	1
N-Propylbenzene	0.00089	U	0.00089	0.00040	mg/Kg	☼	10/14/25 10:04	10/15/25 12:17	1
o-Xylene	0.00089	U	0.00089	0.00041	mg/Kg	☼	10/14/25 10:04	10/15/25 12:17	1
sec-Butylbenzene	0.00089	U	0.00089	0.00026	mg/Kg	☼	10/14/25 10:04	10/15/25 12:17	1
Styrene	0.00089	U	0.00089	0.00025	mg/Kg	☼	10/14/25 10:04	10/15/25 12:17	1

Client Sample ID: 52D2_1-2

Date Collected: 10/10/25 11:05
Date Received: 10/10/25 17:30

Lab Sample ID: 460-337049-51

Matrix: Solid
Percent Solids: 97.3

Method: SW846 8260D - Volatile Organic Compounds by GC/MS (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
tert-Butylbenzene	0.00089	U	0.00089	0.00024	mg/Kg	☼	10/14/25 10:04	10/15/25 12:17	1
Tetrachloroethene	0.00089	U	0.00089	0.00027	mg/Kg	☼	10/14/25 10:04	10/15/25 12:17	1
Toluene	**0.00051**	**J**	0.00089	0.00021	mg/Kg	☼	10/14/25 10:04	10/15/25 12:17	1
trans-1,2-Dichloroethene	0.00089	U	0.00089	0.00022	mg/Kg	☼	10/14/25 10:04	10/15/25 12:17	1
trans-1,3-Dichloropropene	0.00089	U	0.00089	0.00024	mg/Kg	☼	10/14/25 10:04	10/15/25 12:17	1
Trichloroethene	0.00089	U	0.00089	0.00028	mg/Kg	☼	10/14/25 10:04	10/15/25 12:17	1
Trichlorofluoromethane	0.00089	U	0.00089	0.00036	mg/Kg	☼	10/14/25 10:04	10/15/25 12:17	1
Vinyl chloride	0.00089	U	0.00089	0.00048	mg/Kg	☼	10/14/25 10:04	10/15/25 12:17	1
Xylenes, Total	0.0018	U	0.0018	0.00015	mg/Kg	☼	10/14/25 10:04	10/15/25 12:17	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,2-Dichloroethane-d4 (Surr)	*83*		*65 - 138*	*10/14/25 10:04*	*10/15/25 12:17*	*1*
4-Bromofluorobenzene	*92*		*71 - 128*	*10/14/25 10:04*	*10/15/25 12:17*	*1*
Dibromofluoromethane (Surr)	*97*		*50 - 150*	*10/14/25 10:04*	*10/15/25 12:17*	*1*
Toluene-d8 (Surr)	*99*		*71 - 126*	*10/14/25 10:04*	*10/15/25 12:17*	*1*

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Percent Moisture (EPA Moisture)	**2.7**		1.0	1.0	%			10/15/25 19:49	1
Percent Solids (EPA Moisture)	**97.3**		1.0	1.0	%			10/15/25 19:49	1

Client Sample ID: 52D3_4-5

Date Collected: 10/10/25 11:10
Date Received: 10/10/25 17:30

Lab Sample ID: 460-337049-52

Matrix: Solid
Percent Solids: 97.7

Method: SW846 8260D - Volatile Organic Compounds by GC/MS

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1-Trichloroethane	0.00090	U	0.00090	0.00021	mg/Kg	☼	10/14/25 10:05	10/15/25 12:43	1
1,1,2,2-Tetrachloroethane	0.00090	U	0.00090	0.00047	mg/Kg	☼	10/14/25 10:05	10/15/25 12:43	1
1,1,2-Trichloro-1,2,2-trifluoroethane	0.00090	U	0.00090	0.00027	mg/Kg	☼	10/14/25 10:05	10/15/25 12:43	1
1,1,2-Trichloroethane	0.00090	U	0.00090	0.00054	mg/Kg	☼	10/14/25 10:05	10/15/25 12:43	1
1,1-Dichloroethane	0.00090	U	0.00090	0.00054	mg/Kg	☼	10/14/25 10:05	10/15/25 12:43	1
1,1-Dichloroethene	0.00090	U	0.00090	0.00020	mg/Kg	☼	10/14/25 10:05	10/15/25 12:43	1
1,2,3-Trichlorobenzene	0.00090	U	0.00090	0.00066	mg/Kg	☼	10/14/25 10:05	10/15/25 12:43	1
1,2,4-Trichlorobenzene	0.00090	U	0.00090	0.00032	mg/Kg	☼	10/14/25 10:05	10/15/25 12:43	1
1,2,4-Trimethylbenzene	0.00090	U	0.00090	0.00022	mg/Kg	☼	10/14/25 10:05	10/15/25 12:43	1
1,2-Dibromo-3-Chloropropane	0.00090	U	0.00090	0.00041	mg/Kg	☼	10/14/25 10:05	10/15/25 12:43	1
1,2-Dichlorobenzene	0.00090	U	0.00090	0.00032	mg/Kg	☼	10/14/25 10:05	10/15/25 12:43	1
1,2-Dichloroethane	0.00090	U	0.00090	0.00027	mg/Kg	☼	10/14/25 10:05	10/15/25 12:43	1
1,2-Dichloropropane	0.00090	U	0.00090	0.00038	mg/Kg	☼	10/14/25 10:05	10/15/25 12:43	1
1,3,5-Trimethylbenzene	0.00090	U	0.00090	0.00028	mg/Kg	☼	10/14/25 10:05	10/15/25 12:43	1
1,3-Dichlorobenzene	0.00090	U	0.00090	0.00033	mg/Kg	☼	10/14/25 10:05	10/15/25 12:43	1
1,4-Dichlorobenzene	0.00090	U	0.00090	0.00047	mg/Kg	☼	10/14/25 10:05	10/15/25 12:43	1
2-Butanone (MEK)	0.0045	U	0.0045	0.00033	mg/Kg	☼	10/14/25 10:05	10/15/25 12:43	1
2-Hexanone	0.0045	U	0.0045	0.0015	mg/Kg	☼	10/14/25 10:05	10/15/25 12:43	1
4-Methyl-2-pentanone (MIBK)	0.0045	U	0.0045	0.0014	mg/Kg	☼	10/14/25 10:05	10/15/25 12:43	1
Acetone	0.0054	U	0.0054	0.0051	mg/Kg	☼	10/14/25 10:05	10/15/25 12:43	1
Benzene	0.00090	U	0.00090	0.00051	mg/Kg	☼	10/14/25 10:05	10/15/25 12:43	1
Bromoform	0.00090	U	0.00090	0.00038	mg/Kg	☼	10/14/25 10:05	10/15/25 12:43	1
Bromomethane	0.0018	U	0.0018	0.00090	mg/Kg	☼	10/14/25 10:05	10/15/25 12:43	1

Client Sample ID: 52D3_4-5
Date Collected: 10/10/25 11:10
Date Received: 10/10/25 17:30

Lab Sample ID: 460-337049-52
Matrix: Solid
Percent Solids: 97.7

Method: SW846 8260D - Volatile Organic Compounds by GC/MS (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Carbon disulfide	0.00090	U	0.00090	0.00024	mg/Kg	☼	10/14/25 10:05	10/15/25 12:43	1
Carbon tetrachloride	0.00090	U	0.00090	0.00035	mg/Kg	☼	10/14/25 10:05	10/15/25 12:43	1
Chlorobenzene	0.00090	U	0.00090	0.00046	mg/Kg	☼	10/14/25 10:05	10/15/25 12:43	1
Chlorobromomethane	0.00090	U	0.00090	0.00054	mg/Kg	☼	10/14/25 10:05	10/15/25 12:43	1
Chlorodibromomethane	0.00090	U	0.00090	0.00048	mg/Kg	☼	10/14/25 10:05	10/15/25 12:43	1
Chloroethane	0.00090	U	0.00090	0.00047	mg/Kg	☼	10/14/25 10:05	10/15/25 12:43	1
Chloroform	0.00090	U	0.00090	0.00087	mg/Kg	☼	10/14/25 10:05	10/15/25 12:43	1
Chloromethane	0.00090	U	0.00090	0.00039	mg/Kg	☼	10/14/25 10:05	10/15/25 12:43	1
cis-1,2-Dichloroethene	0.00090	U	0.00090	0.00032	mg/Kg	☼	10/14/25 10:05	10/15/25 12:43	1
cis-1,3-Dichloropropene	0.00090	U	0.00090	0.00025	mg/Kg	☼	10/14/25 10:05	10/15/25 12:43	1
Cyclohexane	0.00090	U	0.00090	0.00020	mg/Kg	☼	10/14/25 10:05	10/15/25 12:43	1
Dichlorobromomethane	0.00090	U	0.00090	0.00023	mg/Kg	☼	10/14/25 10:05	10/15/25 12:43	1
Dichlorodifluoromethane	0.00090	U *	0.00090	0.00030	mg/Kg	☼	10/14/25 10:05	10/15/25 12:43	1
Ethylbenzene	0.00090	U	0.00090	0.00042	mg/Kg	☼	10/14/25 10:05	10/15/25 12:43	1
Ethylene Dibromide	0.00090	U	0.00090	0.00045	mg/Kg	☼	10/14/25 10:05	10/15/25 12:43	1
Isopropylbenzene	0.00090	U	0.00090	0.00026	mg/Kg	☼	10/14/25 10:05	10/15/25 12:43	1
Methyl acetate	0.0045	U	0.0045	0.0039	mg/Kg	☼	10/14/25 10:05	10/15/25 12:43	1
Methyl tert-butyl ether	0.00090	U	0.00090	0.00046	mg/Kg	☼	10/14/25 10:05	10/15/25 12:43	1
Methylcyclohexane	0.00090	U	0.00090	0.00045	mg/Kg	☼	10/14/25 10:05	10/15/25 12:43	1
Methylene Chloride	**0.0013**	**J**	0.0018	0.0010	mg/Kg	☼	10/14/25 10:05	10/15/25 12:43	1
m-Xylene & p-Xylene	0.00090	U	0.00090	0.00038	mg/Kg	☼	10/14/25 10:05	10/15/25 12:43	1
n-Butylbenzene	0.00090	U	0.00090	0.00026	mg/Kg	☼	10/14/25 10:05	10/15/25 12:43	1
N-Propylbenzene	0.00090	U	0.00090	0.00040	mg/Kg	☼	10/14/25 10:05	10/15/25 12:43	1
o-Xylene	0.00090	U	0.00090	0.00041	mg/Kg	☼	10/14/25 10:05	10/15/25 12:43	1
sec-Butylbenzene	0.00090	U	0.00090	0.00026	mg/Kg	☼	10/14/25 10:05	10/15/25 12:43	1
Styrene	0.00090	U	0.00090	0.00025	mg/Kg	☼	10/14/25 10:05	10/15/25 12:43	1
tert-Butylbenzene	0.00090	U	0.00090	0.00025	mg/Kg	☼	10/14/25 10:05	10/15/25 12:43	1
Tetrachloroethene	0.00090	U	0.00090	0.00027	mg/Kg	☼	10/14/25 10:05	10/15/25 12:43	1
Toluene	**0.00071**	**J**	0.00090	0.00021	mg/Kg	☼	10/14/25 10:05	10/15/25 12:43	1
trans-1,2-Dichloroethene	0.00090	U	0.00090	0.00022	mg/Kg	☼	10/14/25 10:05	10/15/25 12:43	1
trans-1,3-Dichloropropene	0.00090	U	0.00090	0.00024	mg/Kg	☼	10/14/25 10:05	10/15/25 12:43	1
Trichloroethene	0.00090	U	0.00090	0.00029	mg/Kg	☼	10/14/25 10:05	10/15/25 12:43	1
Trichlorofluoromethane	0.00090	U	0.00090	0.00037	mg/Kg	☼	10/14/25 10:05	10/15/25 12:43	1
Vinyl chloride	0.00090	U	0.00090	0.00049	mg/Kg	☼	10/14/25 10:05	10/15/25 12:43	1
Xylenes, Total	0.0018	U	0.0018	0.00016	mg/Kg	☼	10/14/25 10:05	10/15/25 12:43	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,2-Dichloroethane-d4 (Surr)	*85*		*65 - 138*	*10/14/25 10:05*	*10/15/25 12:43*	*1*
4-Bromofluorobenzene	*97*		*71 - 128*	*10/14/25 10:05*	*10/15/25 12:43*	*1*
Dibromofluoromethane (Surr)	*99*		*50 - 150*	*10/14/25 10:05*	*10/15/25 12:43*	*1*
Toluene-d8 (Surr)	*101*		*71 - 126*	*10/14/25 10:05*	*10/15/25 12:43*	*1*

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Percent Moisture (EPA Moisture)	**2.3**		1.0	1.0	%			10/15/25 19:49	1
Percent Solids (EPA Moisture)	**97.7**		1.0	1.0	%			10/15/25 19:49	1

Client: Haley & Aldrich, Inc.
Project/Site: Former Port Mobil

Job ID: 460-337049-1

Client Sample ID: 52D1_5-6
Date Collected: 10/10/25 11:15
Date Received: 10/10/25 17:30

Lab Sample ID: 460-337049-53
Matrix: Solid
Percent Solids: 91.6

Method: SW846 8260D - Volatile Organic Compounds by GC/MS

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1-Trichloroethane	0.00094	U	0.00094	0.00022	mg/Kg	☼	10/14/25 10:05	10/15/25 13:08	1
1,1,2,2-Tetrachloroethane	0.00094	U	0.00094	0.00049	mg/Kg	☼	10/14/25 10:05	10/15/25 13:08	1
1,1,2-Trichloro-1,2,2-trifluoroethane	0.00094	U	0.00094	0.00028	mg/Kg	☼	10/14/25 10:05	10/15/25 13:08	1
1,1,2-Trichloroethane	0.00094	U	0.00094	0.00056	mg/Kg	☼	10/14/25 10:05	10/15/25 13:08	1
1,1-Dichloroethane	0.00094	U	0.00094	0.00056	mg/Kg	☼	10/14/25 10:05	10/15/25 13:08	1
1,1-Dichloroethene	0.00094	U	0.00094	0.00021	mg/Kg	☼	10/14/25 10:05	10/15/25 13:08	1
1,2,3-Trichlorobenzene	0.00094	U	0.00094	0.00069	mg/Kg	☼	10/14/25 10:05	10/15/25 13:08	1
1,2,4-Trichlorobenzene	0.00094	U	0.00094	0.00034	mg/Kg	☼	10/14/25 10:05	10/15/25 13:08	1
1,2,4-Trimethylbenzene	0.00094	U	0.00094	0.00023	mg/Kg	☼	10/14/25 10:05	10/15/25 13:08	1
1,2-Dibromo-3-Chloropropane	0.00094	U	0.00094	0.00043	mg/Kg	☼	10/14/25 10:05	10/15/25 13:08	1
1,2-Dichlorobenzene	0.00094	U	0.00094	0.00034	mg/Kg	☼	10/14/25 10:05	10/15/25 13:08	1
1,2-Dichloroethane	0.00094	U	0.00094	0.00028	mg/Kg	☼	10/14/25 10:05	10/15/25 13:08	1
1,2-Dichloropropane	0.00094	U	0.00094	0.00040	mg/Kg	☼	10/14/25 10:05	10/15/25 13:08	1
1,3,5-Trimethylbenzene	0.00094	U	0.00094	0.00029	mg/Kg	☼	10/14/25 10:05	10/15/25 13:08	1
1,3-Dichlorobenzene	0.00094	U	0.00094	0.00034	mg/Kg	☼	10/14/25 10:05	10/15/25 13:08	1
1,4-Dichlorobenzene	0.00094	U	0.00094	0.00049	mg/Kg	☼	10/14/25 10:05	10/15/25 13:08	1
2-Butanone (MEK)	0.0047	U	0.0047	0.00034	mg/Kg	☼	10/14/25 10:05	10/15/25 13:08	1
2-Hexanone	0.0047	U	0.0047	0.0016	mg/Kg	☼	10/14/25 10:05	10/15/25 13:08	1
4-Methyl-2-pentanone (MIBK)	0.0047	U	0.0047	0.0015	mg/Kg	☼	10/14/25 10:05	10/15/25 13:08	1
Acetone	0.0056	U	0.0056	0.0054	mg/Kg	☼	10/14/25 10:05	10/15/25 13:08	1
Benzene	0.00094	U	0.00094	0.00053	mg/Kg	☼	10/14/25 10:05	10/15/25 13:08	1
Bromoform	0.00094	U	0.00094	0.00040	mg/Kg	☼	10/14/25 10:05	10/15/25 13:08	1
Bromomethane	0.0019	U	0.0019	0.00094	mg/Kg	☼	10/14/25 10:05	10/15/25 13:08	1
Carbon disulfide	0.00094	U	0.00094	0.00025	mg/Kg	☼	10/14/25 10:05	10/15/25 13:08	1
Carbon tetrachloride	0.00094	U	0.00094	0.00036	mg/Kg	☼	10/14/25 10:05	10/15/25 13:08	1
Chlorobenzene	0.00094	U	0.00094	0.00047	mg/Kg	☼	10/14/25 10:05	10/15/25 13:08	1
Chlorobromomethane	0.00094	U	0.00094	0.00056	mg/Kg	☼	10/14/25 10:05	10/15/25 13:08	1
Chlorodibromomethane	0.00094	U	0.00094	0.00050	mg/Kg	☼	10/14/25 10:05	10/15/25 13:08	1
Chloroethane	0.00094	U	0.00094	0.00049	mg/Kg	☼	10/14/25 10:05	10/15/25 13:08	1
Chloroform	0.00094	U	0.00094	0.00091	mg/Kg	☼	10/14/25 10:05	10/15/25 13:08	1
Chloromethane	0.00094	U	0.00094	0.00041	mg/Kg	☼	10/14/25 10:05	10/15/25 13:08	1
cis-1,2-Dichloroethene	0.00094	U	0.00094	0.00034	mg/Kg	☼	10/14/25 10:05	10/15/25 13:08	1
cis-1,3-Dichloropropene	0.00094	U	0.00094	0.00026	mg/Kg	☼	10/14/25 10:05	10/15/25 13:08	1
Cyclohexane	0.00094	U	0.00094	0.00021	mg/Kg	☼	10/14/25 10:05	10/15/25 13:08	1
Dichlorobromomethane	0.00094	U	0.00094	0.00024	mg/Kg	☼	10/14/25 10:05	10/15/25 13:08	1
Dichlorodifluoromethane	0.00094	U *	0.00094	0.00032	mg/Kg	☼	10/14/25 10:05	10/15/25 13:08	1
Ethylbenzene	0.00094	U	0.00094	0.00044	mg/Kg	☼	10/14/25 10:05	10/15/25 13:08	1
Ethylene Dibromide	0.00094	U	0.00094	0.00047	mg/Kg	☼	10/14/25 10:05	10/15/25 13:08	1
Isopropylbenzene	0.00094	U	0.00094	0.00027	mg/Kg	☼	10/14/25 10:05	10/15/25 13:08	1
Methyl acetate	0.0047	U	0.0047	0.0040	mg/Kg	☼	10/14/25 10:05	10/15/25 13:08	1
Methyl tert-butyl ether	0.00094	U	0.00094	0.00048	mg/Kg	☼	10/14/25 10:05	10/15/25 13:08	1
Methylcyclohexane	0.00094	U	0.00094	0.00047	mg/Kg	☼	10/14/25 10:05	10/15/25 13:08	1
Methylene Chloride	**0.0020**		0.0019	0.0011	mg/Kg	☼	10/14/25 10:05	10/15/25 13:08	1
m-Xylene & p-Xylene	0.00094	U	0.00094	0.00040	mg/Kg	☼	10/14/25 10:05	10/15/25 13:08	1
n-Butylbenzene	0.00094	U	0.00094	0.00028	mg/Kg	☼	10/14/25 10:05	10/15/25 13:08	1
N-Propylbenzene	0.00094	U	0.00094	0.00042	mg/Kg	☼	10/14/25 10:05	10/15/25 13:08	1
o-Xylene	0.00094	U	0.00094	0.00043	mg/Kg	☼	10/14/25 10:05	10/15/25 13:08	1
sec-Butylbenzene	0.00094	U	0.00094	0.00027	mg/Kg	☼	10/14/25 10:05	10/15/25 13:08	1
Styrene	0.00094	U	0.00094	0.00026	mg/Kg	☼	10/14/25 10:05	10/15/25 13:08	1

Client Sample ID: 52D1_5-6

Lab Sample ID: 460-337049-53

Date Collected: 10/10/25 11:15
Matrix: Solid
Date Received: 10/10/25 17:30
Percent Solids: 91.6

Method: SW846 8260D - Volatile Organic Compounds by GC/MS (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
tert-Butylbenzene	0.00094	U	0.00094	0.00026	mg/Kg	☼	10/14/25 10:05	10/15/25 13:08	1
Tetrachloroethene	0.00094	U	0.00094	0.00029	mg/Kg	☼	10/14/25 10:05	10/15/25 13:08	1
Toluene	**0.00054**	**J**	0.00094	0.00022	mg/Kg	☼	10/14/25 10:05	10/15/25 13:08	1
trans-1,2-Dichloroethene	0.00094	U	0.00094	0.00023	mg/Kg	☼	10/14/25 10:05	10/15/25 13:08	1
trans-1,3-Dichloropropene	0.00094	U	0.00094	0.00025	mg/Kg	☼	10/14/25 10:05	10/15/25 13:08	1
Trichloroethene	0.00094	U	0.00094	0.00030	mg/Kg	☼	10/14/25 10:05	10/15/25 13:08	1
Trichlorofluoromethane	0.00094	U	0.00094	0.00038	mg/Kg	☼	10/14/25 10:05	10/15/25 13:08	1
Vinyl chloride	0.00094	U	0.00094	0.00051	mg/Kg	☼	10/14/25 10:05	10/15/25 13:08	1
Xylenes, Total	0.0019	U	0.0019	0.00016	mg/Kg	☼	10/14/25 10:05	10/15/25 13:08	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,2-Dichloroethane-d4 (Surr)	*84*		*65 - 138*	*10/14/25 10:05*	*10/15/25 13:08*	*1*
4-Bromofluorobenzene	*99*		*71 - 128*	*10/14/25 10:05*	*10/15/25 13:08*	*1*
Dibromofluoromethane (Surr)	*98*		*50 - 150*	*10/14/25 10:05*	*10/15/25 13:08*	*1*
Toluene-d8 (Surr)	*101*		*71 - 126*	*10/14/25 10:05*	*10/15/25 13:08*	*1*

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Percent Moisture (EPA Moisture)	**8.4**		1.0	1.0	%			10/15/25 19:49	1
Percent Solids (EPA Moisture)	**91.6**		1.0	1.0	%			10/15/25 19:49	1

Client Sample ID: 52D2_7-8

Lab Sample ID: 460-337049-54

Date Collected: 10/10/25 11:20
Matrix: Solid
Date Received: 10/10/25 17:30
Percent Solids: 93.2

Method: SW846 8260D - Volatile Organic Compounds by GC/MS

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1-Trichloroethane	0.00075	U	0.00075	0.00018	mg/Kg	☼	10/14/25 10:05	10/15/25 13:32	1
1,1,2,2-Tetrachloroethane	0.00075	U	0.00075	0.00039	mg/Kg	☼	10/14/25 10:05	10/15/25 13:32	1
1,1,2-Trichloro-1,2,2-trifluoroethane	0.00075	U	0.00075	0.00023	mg/Kg	☼	10/14/25 10:05	10/15/25 13:32	1
1,1,2-Trichloroethane	0.00075	U	0.00075	0.00045	mg/Kg	☼	10/14/25 10:05	10/15/25 13:32	1
1,1-Dichloroethane	0.00075	U	0.00075	0.00045	mg/Kg	☼	10/14/25 10:05	10/15/25 13:32	1
1,1-Dichloroethene	0.00075	U	0.00075	0.00017	mg/Kg	☼	10/14/25 10:05	10/15/25 13:32	1
1,2,3-Trichlorobenzene	0.00075	U	0.00075	0.00056	mg/Kg	☼	10/14/25 10:05	10/15/25 13:32	1
1,2,4-Trichlorobenzene	0.00075	U	0.00075	0.00027	mg/Kg	☼	10/14/25 10:05	10/15/25 13:32	1
1,2,4-Trimethylbenzene	0.00075	U	0.00075	0.00019	mg/Kg	☼	10/14/25 10:05	10/15/25 13:32	1
1,2-Dibromo-3-Chloropropane	0.00075	U	0.00075	0.00035	mg/Kg	☼	10/14/25 10:05	10/15/25 13:32	1
1,2-Dichlorobenzene	0.00075	U	0.00075	0.00027	mg/Kg	☼	10/14/25 10:05	10/15/25 13:32	1
1,2-Dichloroethane	0.00075	U	0.00075	0.00022	mg/Kg	☼	10/14/25 10:05	10/15/25 13:32	1
1,2-Dichloropropane	0.00075	U	0.00075	0.00032	mg/Kg	☼	10/14/25 10:05	10/15/25 13:32	1
1,3,5-Trimethylbenzene	0.00075	U	0.00075	0.00024	mg/Kg	☼	10/14/25 10:05	10/15/25 13:32	1
1,3-Dichlorobenzene	0.00075	U	0.00075	0.00028	mg/Kg	☼	10/14/25 10:05	10/15/25 13:32	1
1,4-Dichlorobenzene	0.00075	U	0.00075	0.00039	mg/Kg	☼	10/14/25 10:05	10/15/25 13:32	1
2-Butanone (MEK)	0.0038	U	0.0038	0.00028	mg/Kg	☼	10/14/25 10:05	10/15/25 13:32	1
2-Hexanone	0.0038	U	0.0038	0.0013	mg/Kg	☼	10/14/25 10:05	10/15/25 13:32	1
4-Methyl-2-pentanone (MIBK)	0.0038	U	0.0038	0.0012	mg/Kg	☼	10/14/25 10:05	10/15/25 13:32	1
Acetone	0.0045	U	0.0045	0.0043	mg/Kg	☼	10/14/25 10:05	10/15/25 13:32	1
Benzene	0.00075	U	0.00075	0.00043	mg/Kg	☼	10/14/25 10:05	10/15/25 13:32	1
Bromoform	0.00075	U	0.00075	0.00032	mg/Kg	☼	10/14/25 10:05	10/15/25 13:32	1
Bromomethane	0.0015	U	0.0015	0.00075	mg/Kg	☼	10/14/25 10:05	10/15/25 13:32	1

Client Sample ID: 52D2_7-8
Date Collected: 10/10/25 11:20
Date Received: 10/10/25 17:30

Lab Sample ID: 460-337049-54
Matrix: Solid
Percent Solids: 93.2

Method: SW846 8260D - Volatile Organic Compounds by GC/MS (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Carbon disulfide	0.00075	U	0.00075	0.00020	mg/Kg	☼	10/14/25 10:05	10/15/25 13:32	1
Carbon tetrachloride	0.00075	U	0.00075	0.00029	mg/Kg	☼	10/14/25 10:05	10/15/25 13:32	1
Chlorobenzene	0.00075	U	0.00075	0.00038	mg/Kg	☼	10/14/25 10:05	10/15/25 13:32	1
Chlorobromomethane	0.00075	U	0.00075	0.00045	mg/Kg	☼	10/14/25 10:05	10/15/25 13:32	1
Chlorodibromomethane	0.00075	U	0.00075	0.00040	mg/Kg	☼	10/14/25 10:05	10/15/25 13:32	1
Chloroethane	0.00075	U	0.00075	0.00039	mg/Kg	☼	10/14/25 10:05	10/15/25 13:32	1
Chloroform	0.00075	U	0.00075	0.00073	mg/Kg	☼	10/14/25 10:05	10/15/25 13:32	1
Chloromethane	0.00075	U	0.00075	0.00033	mg/Kg	☼	10/14/25 10:05	10/15/25 13:32	1
cis-1,2-Dichloroethene	0.00075	U	0.00075	0.00027	mg/Kg	☼	10/14/25 10:05	10/15/25 13:32	1
cis-1,3-Dichloropropene	0.00075	U	0.00075	0.00021	mg/Kg	☼	10/14/25 10:05	10/15/25 13:32	1
Cyclohexane	0.00075	U	0.00075	0.00017	mg/Kg	☼	10/14/25 10:05	10/15/25 13:32	1
Dichlorobromomethane	0.00075	U	0.00075	0.00019	mg/Kg	☼	10/14/25 10:05	10/15/25 13:32	1
Dichlorodifluoromethane	0.00075	U *	0.00075	0.00025	mg/Kg	☼	10/14/25 10:05	10/15/25 13:32	1
Ethylbenzene	0.00075	U	0.00075	0.00035	mg/Kg	☼	10/14/25 10:05	10/15/25 13:32	1
Ethylene Dibromide	0.00075	U	0.00075	0.00038	mg/Kg	☼	10/14/25 10:05	10/15/25 13:32	1
Isopropylbenzene	0.00075	U	0.00075	0.00021	mg/Kg	☼	10/14/25 10:05	10/15/25 13:32	1
Methyl acetate	0.0038	U	0.0038	0.0032	mg/Kg	☼	10/14/25 10:05	10/15/25 13:32	1
Methyl tert-butyl ether	0.00075	U	0.00075	0.00039	mg/Kg	☼	10/14/25 10:05	10/15/25 13:32	1
Methylcyclohexane	0.00075	U	0.00075	0.00038	mg/Kg	☼	10/14/25 10:05	10/15/25 13:32	1
Methylene Chloride	**0.0010**	**J**	0.0015	0.00086	mg/Kg	☼	10/14/25 10:05	10/15/25 13:32	1
m-Xylene & p-Xylene	0.00075	U	0.00075	0.00032	mg/Kg	☼	10/14/25 10:05	10/15/25 13:32	1
n-Butylbenzene	0.00075	U	0.00075	0.00022	mg/Kg	☼	10/14/25 10:05	10/15/25 13:32	1
N-Propylbenzene	0.00075	U	0.00075	0.00034	mg/Kg	☼	10/14/25 10:05	10/15/25 13:32	1
o-Xylene	0.00075	U	0.00075	0.00035	mg/Kg	☼	10/14/25 10:05	10/15/25 13:32	1
sec-Butylbenzene	0.00075	U	0.00075	0.00022	mg/Kg	☼	10/14/25 10:05	10/15/25 13:32	1
Styrene	0.00075	U	0.00075	0.00021	mg/Kg	☼	10/14/25 10:05	10/15/25 13:32	1
tert-Butylbenzene	0.00075	U	0.00075	0.00021	mg/Kg	☼	10/14/25 10:05	10/15/25 13:32	1
Tetrachloroethene	0.00075	U	0.00075	0.00023	mg/Kg	☼	10/14/25 10:05	10/15/25 13:32	1
Toluene	**0.00035**	**J**	0.00075	0.00018	mg/Kg	☼	10/14/25 10:05	10/15/25 13:32	1
trans-1,2-Dichloroethene	0.00075	U	0.00075	0.00019	mg/Kg	☼	10/14/25 10:05	10/15/25 13:32	1
trans-1,3-Dichloropropene	0.00075	U	0.00075	0.00020	mg/Kg	☼	10/14/25 10:05	10/15/25 13:32	1
Trichloroethene	0.00075	U	0.00075	0.00024	mg/Kg	☼	10/14/25 10:05	10/15/25 13:32	1
Trichlorofluoromethane	0.00075	U	0.00075	0.00031	mg/Kg	☼	10/14/25 10:05	10/15/25 13:32	1
Vinyl chloride	0.00075	U	0.00075	0.00041	mg/Kg	☼	10/14/25 10:05	10/15/25 13:32	1
Xylenes, Total	0.0015	U	0.0015	0.00013	mg/Kg	☼	10/14/25 10:05	10/15/25 13:32	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,2-Dichloroethane-d4 (Surr)	*84*		*65 - 138*	*10/14/25 10:05*	*10/15/25 13:32*	*1*
4-Bromofluorobenzene	*97*		*71 - 128*	*10/14/25 10:05*	*10/15/25 13:32*	*1*
Dibromofluoromethane (Surr)	*98*		*50 - 150*	*10/14/25 10:05*	*10/15/25 13:32*	*1*
Toluene-d8 (Surr)	*102*		*71 - 126*	*10/14/25 10:05*	*10/15/25 13:32*	*1*

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Percent Moisture (EPA Moisture)	**6.8**		1.0	1.0	%			10/15/25 19:49	1
Percent Solids (EPA Moisture)	**93.2**		1.0	1.0	%			10/15/25 19:49	1

Client: Haley & Aldrich, Inc.
Project/Site: Former Port Mobil

Job ID: 460-337049-1

Client Sample ID: 52D3_5-6
Date Collected: 10/10/25 11:25
Date Received: 10/10/25 17:30

Lab Sample ID: 460-337049-55
Matrix: Solid
Percent Solids: 96.6

Method: SW846 8260D - Volatile Organic Compounds by GC/MS

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1-Trichloroethane	0.00090	U	0.00090	0.00021	mg/Kg	☼	10/14/25 10:06	10/15/25 13:56	1
1,1,2,2-Tetrachloroethane	0.00090	U	0.00090	0.00047	mg/Kg	☼	10/14/25 10:06	10/15/25 13:56	1
1,1,2-Trichloro-1,2,2-trifluoroethane	0.00090	U	0.00090	0.00027	mg/Kg	☼	10/14/25 10:06	10/15/25 13:56	1
1,1,2-Trichloroethane	0.00090	U	0.00090	0.00054	mg/Kg	☼	10/14/25 10:06	10/15/25 13:56	1
1,1-Dichloroethane	0.00090	U	0.00090	0.00054	mg/Kg	☼	10/14/25 10:06	10/15/25 13:56	1
1,1-Dichloroethene	0.00090	U	0.00090	0.00020	mg/Kg	☼	10/14/25 10:06	10/15/25 13:56	1
1,2,3-Trichlorobenzene	0.00090	U	0.00090	0.00066	mg/Kg	☼	10/14/25 10:06	10/15/25 13:56	1
1,2,4-Trichlorobenzene	0.00090	U	0.00090	0.00032	mg/Kg	☼	10/14/25 10:06	10/15/25 13:56	1
1,2,4-Trimethylbenzene	0.00090	U	0.00090	0.00022	mg/Kg	☼	10/14/25 10:06	10/15/25 13:56	1
1,2-Dibromo-3-Chloropropane	0.00090	U	0.00090	0.00041	mg/Kg	☼	10/14/25 10:06	10/15/25 13:56	1
1,2-Dichlorobenzene	0.00090	U	0.00090	0.00033	mg/Kg	☼	10/14/25 10:06	10/15/25 13:56	1
1,2-Dichloroethane	0.00090	U	0.00090	0.00027	mg/Kg	☼	10/14/25 10:06	10/15/25 13:56	1
1,2-Dichloropropane	0.00090	U	0.00090	0.00038	mg/Kg	☼	10/14/25 10:06	10/15/25 13:56	1
1,3,5-Trimethylbenzene	0.00090	U	0.00090	0.00028	mg/Kg	☼	10/14/25 10:06	10/15/25 13:56	1
1,3-Dichlorobenzene	0.00090	U	0.00090	0.00033	mg/Kg	☼	10/14/25 10:06	10/15/25 13:56	1
1,4-Dichlorobenzene	0.00090	U	0.00090	0.00047	mg/Kg	☼	10/14/25 10:06	10/15/25 13:56	1
2-Butanone (MEK)	0.0045	U	0.0045	0.00033	mg/Kg	☼	10/14/25 10:06	10/15/25 13:56	1
2-Hexanone	0.0045	U	0.0045	0.0015	mg/Kg	☼	10/14/25 10:06	10/15/25 13:56	1
4-Methyl-2-pentanone (MIBK)	0.0045	U	0.0045	0.0014	mg/Kg	☼	10/14/25 10:06	10/15/25 13:56	1
Acetone	0.0054	U	0.0054	0.0051	mg/Kg	☼	10/14/25 10:06	10/15/25 13:56	1
Benzene	0.00090	U	0.00090	0.00051	mg/Kg	☼	10/14/25 10:06	10/15/25 13:56	1
Bromoform	0.00090	U	0.00090	0.00038	mg/Kg	☼	10/14/25 10:06	10/15/25 13:56	1
Bromomethane	0.0018	U	0.0018	0.00090	mg/Kg	☼	10/14/25 10:06	10/15/25 13:56	1
Carbon disulfide	0.00090	U	0.00090	0.00024	mg/Kg	☼	10/14/25 10:06	10/15/25 13:56	1
Carbon tetrachloride	0.00090	U	0.00090	0.00035	mg/Kg	☼	10/14/25 10:06	10/15/25 13:56	1
Chlorobenzene	0.00090	U	0.00090	0.00046	mg/Kg	☼	10/14/25 10:06	10/15/25 13:56	1
Chlorobromomethane	0.00090	U	0.00090	0.00054	mg/Kg	☼	10/14/25 10:06	10/15/25 13:56	1
Chlorodibromomethane	0.00090	U	0.00090	0.00048	mg/Kg	☼	10/14/25 10:06	10/15/25 13:56	1
Chloroethane	0.00090	U	0.00090	0.00047	mg/Kg	☼	10/14/25 10:06	10/15/25 13:56	1
Chloroform	0.00090	U	0.00090	0.00087	mg/Kg	☼	10/14/25 10:06	10/15/25 13:56	1
Chloromethane	0.00090	U	0.00090	0.00039	mg/Kg	☼	10/14/25 10:06	10/15/25 13:56	1
cis-1,2-Dichloroethene	0.00090	U	0.00090	0.00032	mg/Kg	☼	10/14/25 10:06	10/15/25 13:56	1
cis-1,3-Dichloropropene	0.00090	U	0.00090	0.00025	mg/Kg	☼	10/14/25 10:06	10/15/25 13:56	1
Cyclohexane	0.00090	U	0.00090	0.00020	mg/Kg	☼	10/14/25 10:06	10/15/25 13:56	1
Dichlorobromomethane	0.00090	U	0.00090	0.00023	mg/Kg	☼	10/14/25 10:06	10/15/25 13:56	1
Dichlorodifluoromethane	0.00090	U *	0.00090	0.00030	mg/Kg	☼	10/14/25 10:06	10/15/25 13:56	1
Ethylbenzene	0.00090	U	0.00090	0.00042	mg/Kg	☼	10/14/25 10:06	10/15/25 13:56	1
Ethylene Dibromide	0.00090	U	0.00090	0.00045	mg/Kg	☼	10/14/25 10:06	10/15/25 13:56	1
Isopropylbenzene	0.00090	U	0.00090	0.00026	mg/Kg	☼	10/14/25 10:06	10/15/25 13:56	1
Methyl acetate	0.0045	U	0.0045	0.0039	mg/Kg	☼	10/14/25 10:06	10/15/25 13:56	1
Methyl tert-butyl ether	0.00090	U	0.00090	0.00046	mg/Kg	☼	10/14/25 10:06	10/15/25 13:56	1
Methylcyclohexane	0.00090	U	0.00090	0.00045	mg/Kg	☼	10/14/25 10:06	10/15/25 13:56	1
Methylene Chloride	0.0018	U	0.0018	0.0010	mg/Kg	☼	10/14/25 10:06	10/15/25 13:56	1
m-Xylene & p-Xylene	0.00090	U	0.00090	0.00038	mg/Kg	☼	10/14/25 10:06	10/15/25 13:56	1
n-Butylbenzene	0.00090	U	0.00090	0.00026	mg/Kg	☼	10/14/25 10:06	10/15/25 13:56	1
N-Propylbenzene	0.00090	U	0.00090	0.00040	mg/Kg	☼	10/14/25 10:06	10/15/25 13:56	1
o-Xylene	0.00090	U	0.00090	0.00042	mg/Kg	☼	10/14/25 10:06	10/15/25 13:56	1
sec-Butylbenzene	0.00090	U	0.00090	0.00026	mg/Kg	☼	10/14/25 10:06	10/15/25 13:56	1
Styrene	0.00090	U	0.00090	0.00025	mg/Kg	☼	10/14/25 10:06	10/15/25 13:56	1

Client Sample ID: 52D3_5-6

Lab Sample ID: 460-337049-55

Date Collected: 10/10/25 11:25
Matrix: Solid
Date Received: 10/10/25 17:30
Percent Solids: 96.6

Method: SW846 8260D - Volatile Organic Compounds by GC/MS (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
tert-Butylbenzene	0.00090	U	0.00090	0.00025	mg/Kg	☼	10/14/25 10:06	10/15/25 13:56	1
Tetrachloroethene	0.00090	U	0.00090	0.00027	mg/Kg	☼	10/14/25 10:06	10/15/25 13:56	1
Toluene	**0.00039**	**J**	0.00090	0.00021	mg/Kg	☼	10/14/25 10:06	10/15/25 13:56	1
trans-1,2-Dichloroethene	0.00090	U	0.00090	0.00022	mg/Kg	☼	10/14/25 10:06	10/15/25 13:56	1
trans-1,3-Dichloropropene	0.00090	U	0.00090	0.00024	mg/Kg	☼	10/14/25 10:06	10/15/25 13:56	1
Trichloroethene	0.00090	U	0.00090	0.00029	mg/Kg	☼	10/14/25 10:06	10/15/25 13:56	1
Trichlorofluoromethane	0.00090	U	0.00090	0.00037	mg/Kg	☼	10/14/25 10:06	10/15/25 13:56	1
Vinyl chloride	0.00090	U	0.00090	0.00049	mg/Kg	☼	10/14/25 10:06	10/15/25 13:56	1
Xylenes, Total	0.0018	U	0.0018	0.00016	mg/Kg	☼	10/14/25 10:06	10/15/25 13:56	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,2-Dichloroethane-d4 (Surr)	*84*		*65 - 138*	*10/14/25 10:06*	*10/15/25 13:56*	*1*
4-Bromofluorobenzene	*93*		*71 - 128*	*10/14/25 10:06*	*10/15/25 13:56*	*1*
Dibromofluoromethane (Surr)	*97*		*50 - 150*	*10/14/25 10:06*	*10/15/25 13:56*	*1*
Toluene-d8 (Surr)	*101*		*71 - 126*	*10/14/25 10:06*	*10/15/25 13:56*	*1*

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Percent Moisture (EPA Moisture)	**3.4**		1.0	1.0	%			10/15/25 19:49	1
Percent Solids (EPA Moisture)	**96.6**		1.0	1.0	%			10/15/25 19:49	1

Client Sample ID: 52D1_2-3

Lab Sample ID: 460-337049-56

Date Collected: 10/10/25 11:30
Matrix: Solid
Date Received: 10/10/25 17:30
Percent Solids: 94.5

Method: SW846 8260D - Volatile Organic Compounds by GC/MS

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1-Trichloroethane	0.0011	U	0.0011	0.00026	mg/Kg	☼	10/14/25 10:06	10/15/25 14:20	1
1,1,2,2-Tetrachloroethane	0.0011	U	0.0011	0.00058	mg/Kg	☼	10/14/25 10:06	10/15/25 14:20	1
1,1,2-Trichloro-1,2,2-trifluoroethane	0.0011	U	0.0011	0.00034	mg/Kg	☼	10/14/25 10:06	10/15/25 14:20	1
1,1,2-Trichloroethane	0.0011	U	0.0011	0.00067	mg/Kg	☼	10/14/25 10:06	10/15/25 14:20	1
1,1-Dichloroethane	0.0011	U	0.0011	0.00067	mg/Kg	☼	10/14/25 10:06	10/15/25 14:20	1
1,1-Dichloroethene	0.0011	U	0.0011	0.00025	mg/Kg	☼	10/14/25 10:06	10/15/25 14:20	1
1,2,3-Trichlorobenzene	0.0011	U	0.0011	0.00083	mg/Kg	☼	10/14/25 10:06	10/15/25 14:20	1
1,2,4-Trichlorobenzene	0.0011	U	0.0011	0.00040	mg/Kg	☼	10/14/25 10:06	10/15/25 14:20	1
1,2,4-Trimethylbenzene	0.0011	U	0.0011	0.00028	mg/Kg	☼	10/14/25 10:06	10/15/25 14:20	1
1,2-Dibromo-3-Chloropropane	0.0011	U	0.0011	0.00052	mg/Kg	☼	10/14/25 10:06	10/15/25 14:20	1
1,2-Dichlorobenzene	0.0011	U	0.0011	0.00040	mg/Kg	☼	10/14/25 10:06	10/15/25 14:20	1
1,2-Dichloroethane	0.0011	U	0.0011	0.00033	mg/Kg	☼	10/14/25 10:06	10/15/25 14:20	1
1,2-Dichloropropane	0.0011	U	0.0011	0.00047	mg/Kg	☼	10/14/25 10:06	10/15/25 14:20	1
1,3,5-Trimethylbenzene	0.0011	U	0.0011	0.00035	mg/Kg	☼	10/14/25 10:06	10/15/25 14:20	1
1,3-Dichlorobenzene	0.0011	U	0.0011	0.00041	mg/Kg	☼	10/14/25 10:06	10/15/25 14:20	1
1,4-Dichlorobenzene	0.0011	U	0.0011	0.00058	mg/Kg	☼	10/14/25 10:06	10/15/25 14:20	1
2-Butanone (MEK)	0.0056	U	0.0056	0.00041	mg/Kg	☼	10/14/25 10:06	10/15/25 14:20	1
2-Hexanone	0.0056	U	0.0056	0.0019	mg/Kg	☼	10/14/25 10:06	10/15/25 14:20	1
4-Methyl-2-pentanone (MIBK)	0.0056	U	0.0056	0.0017	mg/Kg	☼	10/14/25 10:06	10/15/25 14:20	1
Acetone	0.0067	U	0.0067	0.0064	mg/Kg	☼	10/14/25 10:06	10/15/25 14:20	1
Benzene	0.0011	U	0.0011	0.00064	mg/Kg	☼	10/14/25 10:06	10/15/25 14:20	1
Bromoform	0.0011	U	0.0011	0.00048	mg/Kg	☼	10/14/25 10:06	10/15/25 14:20	1
Bromomethane	0.0022	U	0.0022	0.0011	mg/Kg	☼	10/14/25 10:06	10/15/25 14:20	1

Client Sample ID: 52D1_2-3
Date Collected: 10/10/25 11:30
Date Received: 10/10/25 17:30

Lab Sample ID: 460-337049-56
Matrix: Solid
Percent Solids: 94.5

Method: SW846 8260D - Volatile Organic Compounds by GC/MS (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Carbon disulfide	0.0011	U	0.0011	0.00030	mg/Kg	☼	10/14/25 10:06	10/15/25 14:20	1
Carbon tetrachloride	0.0011	U	0.0011	0.00043	mg/Kg	☼	10/14/25 10:06	10/15/25 14:20	1
Chlorobenzene	0.0011	U	0.0011	0.00057	mg/Kg	☼	10/14/25 10:06	10/15/25 14:20	1
Chlorobromomethane	0.0011	U	0.0011	0.00067	mg/Kg	☼	10/14/25 10:06	10/15/25 14:20	1
Chlorodibromomethane	0.0011	U	0.0011	0.00060	mg/Kg	☼	10/14/25 10:06	10/15/25 14:20	1
Chloroethane	0.0011	U	0.0011	0.00058	mg/Kg	☼	10/14/25 10:06	10/15/25 14:20	1
Chloroform	0.0011	U	0.0011	0.0011	mg/Kg	☼	10/14/25 10:06	10/15/25 14:20	1
Chloromethane	0.0011	U	0.0011	0.00049	mg/Kg	☼	10/14/25 10:06	10/15/25 14:20	1
cis-1,2-Dichloroethene	0.0011	U	0.0011	0.00040	mg/Kg	☼	10/14/25 10:06	10/15/25 14:20	1
cis-1,3-Dichloropropene	0.0011	U	0.0011	0.00031	mg/Kg	☼	10/14/25 10:06	10/15/25 14:20	1
Cyclohexane	0.0011	U	0.0011	0.00025	mg/Kg	☼	10/14/25 10:06	10/15/25 14:20	1
Dichlorobromomethane	0.0011	U	0.0011	0.00029	mg/Kg	☼	10/14/25 10:06	10/15/25 14:20	1
Dichlorodifluoromethane	0.0011	U *	0.0011	0.00038	mg/Kg	☼	10/14/25 10:06	10/15/25 14:20	1
Ethylbenzene	0.0011	U	0.0011	0.00052	mg/Kg	☼	10/14/25 10:06	10/15/25 14:20	1
Ethylene Dibromide	0.0011	U	0.0011	0.00056	mg/Kg	☼	10/14/25 10:06	10/15/25 14:20	1
Isopropylbenzene	0.0011	U	0.0011	0.00032	mg/Kg	☼	10/14/25 10:06	10/15/25 14:20	1
Methyl acetate	0.0056	U	0.0056	0.0048	mg/Kg	☼	10/14/25 10:06	10/15/25 14:20	1
Methyl tert-butyl ether	0.0011	U	0.0011	0.00057	mg/Kg	☼	10/14/25 10:06	10/15/25 14:20	1
Methylcyclohexane	0.0011	U	0.0011	0.00056	mg/Kg	☼	10/14/25 10:06	10/15/25 14:20	1
Methylene Chloride	**0.0018**	**J**	0.0022	0.0013	mg/Kg	☼	10/14/25 10:06	10/15/25 14:20	1
m-Xylene & p-Xylene	0.0011	U	0.0011	0.00047	mg/Kg	☼	10/14/25 10:06	10/15/25 14:20	1
n-Butylbenzene	0.0011	U	0.0011	0.00033	mg/Kg	☼	10/14/25 10:06	10/15/25 14:20	1
N-Propylbenzene	0.0011	U	0.0011	0.00050	mg/Kg	☼	10/14/25 10:06	10/15/25 14:20	1
o-Xylene	0.0011	U	0.0011	0.00052	mg/Kg	☼	10/14/25 10:06	10/15/25 14:20	1
sec-Butylbenzene	0.0011	U	0.0011	0.00032	mg/Kg	☼	10/14/25 10:06	10/15/25 14:20	1
Styrene	0.0011	U	0.0011	0.00031	mg/Kg	☼	10/14/25 10:06	10/15/25 14:20	1
tert-Butylbenzene	0.0011	U	0.0011	0.00031	mg/Kg	☼	10/14/25 10:06	10/15/25 14:20	1
Tetrachloroethene	0.0011	U	0.0011	0.00034	mg/Kg	☼	10/14/25 10:06	10/15/25 14:20	1
Toluene	**0.00056**	**J**	0.0011	0.00026	mg/Kg	☼	10/14/25 10:06	10/15/25 14:20	1
trans-1,2-Dichloroethene	0.0011	U	0.0011	0.00028	mg/Kg	☼	10/14/25 10:06	10/15/25 14:20	1
trans-1,3-Dichloropropene	0.0011	U	0.0011	0.00030	mg/Kg	☼	10/14/25 10:06	10/15/25 14:20	1
Trichloroethene	0.0011	U	0.0011	0.00036	mg/Kg	☼	10/14/25 10:06	10/15/25 14:20	1
Trichlorofluoromethane	0.0011	U	0.0011	0.00045	mg/Kg	☼	10/14/25 10:06	10/15/25 14:20	1
Vinyl chloride	0.0011	U	0.0011	0.00061	mg/Kg	☼	10/14/25 10:06	10/15/25 14:20	1
Xylenes, Total	0.0022	U	0.0022	0.00019	mg/Kg	☼	10/14/25 10:06	10/15/25 14:20	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,2-Dichloroethane-d4 (Surr)	*86*		*65 - 138*	*10/14/25 10:06*	*10/15/25 14:20*	*1*
4-Bromofluorobenzene	*97*		*71 - 128*	*10/14/25 10:06*	*10/15/25 14:20*	*1*
Dibromofluoromethane (Surr)	*100*		*50 - 150*	*10/14/25 10:06*	*10/15/25 14:20*	*1*
Toluene-d8 (Surr)	*101*		*71 - 126*	*10/14/25 10:06*	*10/15/25 14:20*	*1*

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Percent Moisture (EPA Moisture)	**5.5**		1.0	1.0	%			10/15/25 19:49	1
Percent Solids (EPA Moisture)	**94.5**		1.0	1.0	%			10/15/25 19:49	1

Client Sample ID: 52E1_2-3
Date Collected: 10/10/25 11:35
Date Received: 10/10/25 17:30

Lab Sample ID: 460-337049-57
Matrix: Solid
Percent Solids: 94.7

Method: SW846 8260D - Volatile Organic Compounds by GC/MS

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1-Trichloroethane	0.0012	U	0.0012	0.00028	mg/Kg	☼	10/14/25 10:06	10/15/25 14:45	1
1,1,2,2-Tetrachloroethane	0.0012	U	0.0012	0.00063	mg/Kg	☼	10/14/25 10:06	10/15/25 14:45	1
1,1,2-Trichloro-1,2,2-trifluoroethane	0.0012	U	0.0012	0.00036	mg/Kg	☼	10/14/25 10:06	10/15/25 14:45	1
1,1,2-Trichloroethane	0.0012	U	0.0012	0.00072	mg/Kg	☼	10/14/25 10:06	10/15/25 14:45	1
1,1-Dichloroethane	0.0012	U	0.0012	0.00072	mg/Kg	☼	10/14/25 10:06	10/15/25 14:45	1
1,1-Dichloroethene	0.0012	U	0.0012	0.00027	mg/Kg	☼	10/14/25 10:06	10/15/25 14:45	1
1,2,3-Trichlorobenzene	0.0012	U	0.0012	0.00088	mg/Kg	☼	10/14/25 10:06	10/15/25 14:45	1
1,2,4-Trichlorobenzene	0.0012	U	0.0012	0.00043	mg/Kg	☼	10/14/25 10:06	10/15/25 14:45	1
1,2,4-Trimethylbenzene	0.0012	U	0.0012	0.00029	mg/Kg	☼	10/14/25 10:06	10/15/25 14:45	1
1,2-Dibromo-3-Chloropropane	0.0012	U	0.0012	0.00055	mg/Kg	☼	10/14/25 10:06	10/15/25 14:45	1
1,2-Dichlorobenzene	0.0012	U	0.0012	0.00043	mg/Kg	☼	10/14/25 10:06	10/15/25 14:45	1
1,2-Dichloroethane	0.0012	U	0.0012	0.00035	mg/Kg	☼	10/14/25 10:06	10/15/25 14:45	1
1,2-Dichloropropane	0.0012	U	0.0012	0.00051	mg/Kg	☼	10/14/25 10:06	10/15/25 14:45	1
1,3,5-Trimethylbenzene	0.0012	U	0.0012	0.00038	mg/Kg	☼	10/14/25 10:06	10/15/25 14:45	1
1,3-Dichlorobenzene	0.0012	U	0.0012	0.00044	mg/Kg	☼	10/14/25 10:06	10/15/25 14:45	1
1,4-Dichlorobenzene	0.0012	U	0.0012	0.00062	mg/Kg	☼	10/14/25 10:06	10/15/25 14:45	1
2-Butanone (MEK)	0.0060	U	0.0060	0.00044	mg/Kg	☼	10/14/25 10:06	10/15/25 14:45	1
2-Hexanone	0.0060	U	0.0060	0.0020	mg/Kg	☼	10/14/25 10:06	10/15/25 14:45	1
4-Methyl-2-pentanone (MIBK)	0.0060	U	0.0060	0.0019	mg/Kg	☼	10/14/25 10:06	10/15/25 14:45	1
Acetone	0.0072	U	0.0072	0.0069	mg/Kg	☼	10/14/25 10:06	10/15/25 14:45	1
Benzene	0.0012	U	0.0012	0.00068	mg/Kg	☼	10/14/25 10:06	10/15/25 14:45	1
Bromoform	0.0012	U	0.0012	0.00051	mg/Kg	☼	10/14/25 10:06	10/15/25 14:45	1
Bromomethane	0.0024	U	0.0024	0.0012	mg/Kg	☼	10/14/25 10:06	10/15/25 14:45	1
Carbon disulfide	0.0012	U	0.0012	0.00032	mg/Kg	☼	10/14/25 10:06	10/15/25 14:45	1
Carbon tetrachloride	0.0012	U	0.0012	0.00046	mg/Kg	☼	10/14/25 10:06	10/15/25 14:45	1
Chlorobenzene	0.0012	U	0.0012	0.00061	mg/Kg	☼	10/14/25 10:06	10/15/25 14:45	1
Chlorobromomethane	0.0012	U	0.0012	0.00071	mg/Kg	☼	10/14/25 10:06	10/15/25 14:45	1
Chlorodibromomethane	0.0012	U	0.0012	0.00064	mg/Kg	☼	10/14/25 10:06	10/15/25 14:45	1
Chloroethane	0.0012	U	0.0012	0.00063	mg/Kg	☼	10/14/25 10:06	10/15/25 14:45	1
Chloroform	0.0012	U	0.0012	0.0012	mg/Kg	☼	10/14/25 10:06	10/15/25 14:45	1
Chloromethane	0.0012	U	0.0012	0.00052	mg/Kg	☼	10/14/25 10:06	10/15/25 14:45	1
cis-1,2-Dichloroethene	0.0012	U	0.0012	0.00043	mg/Kg	☼	10/14/25 10:06	10/15/25 14:45	1
cis-1,3-Dichloropropene	0.0012	U	0.0012	0.00033	mg/Kg	☼	10/14/25 10:06	10/15/25 14:45	1
Cyclohexane	0.0012	U	0.0012	0.00026	mg/Kg	☼	10/14/25 10:06	10/15/25 14:45	1
Dichlorobromomethane	0.0012	U	0.0012	0.00031	mg/Kg	☼	10/14/25 10:06	10/15/25 14:45	1
Dichlorodifluoromethane	0.0012	U *	0.0012	0.00040	mg/Kg	☼	10/14/25 10:06	10/15/25 14:45	1
Ethylbenzene	0.0012	U	0.0012	0.00056	mg/Kg	☼	10/14/25 10:06	10/15/25 14:45	1
Ethylene Dibromide	0.0012	U	0.0012	0.00060	mg/Kg	☼	10/14/25 10:06	10/15/25 14:45	1
Isopropylbenzene	0.0012	U	0.0012	0.00034	mg/Kg	☼	10/14/25 10:06	10/15/25 14:45	1
Methyl acetate	0.0060	U	0.0060	0.0052	mg/Kg	☼	10/14/25 10:06	10/15/25 14:45	1
Methyl tert-butyl ether	0.0012	U	0.0012	0.00061	mg/Kg	☼	10/14/25 10:06	10/15/25 14:45	1
Methylcyclohexane	0.0012	U	0.0012	0.00060	mg/Kg	☼	10/14/25 10:06	10/15/25 14:45	1
Methylene Chloride	**0.0028**		0.0024	0.0014	mg/Kg	☼	10/14/25 10:06	10/15/25 14:45	1
m-Xylene & p-Xylene	0.0012	U	0.0012	0.00051	mg/Kg	☼	10/14/25 10:06	10/15/25 14:45	1
n-Butylbenzene	0.0012	U	0.0012	0.00035	mg/Kg	☼	10/14/25 10:06	10/15/25 14:45	1
N-Propylbenzene	0.0012	U	0.0012	0.00054	mg/Kg	☼	10/14/25 10:06	10/15/25 14:45	1
o-Xylene	0.0012	U	0.0012	0.00055	mg/Kg	☼	10/14/25 10:06	10/15/25 14:45	1
sec-Butylbenzene	0.0012	U	0.0012	0.00034	mg/Kg	☼	10/14/25 10:06	10/15/25 14:45	1
Styrene	0.0012	U	0.0012	0.00033	mg/Kg	☼	10/14/25 10:06	10/15/25 14:45	1

Client Sample ID: 52E1_2-3

Date Collected: 10/10/25 11:35
Date Received: 10/10/25 17:30

Lab Sample ID: 460-337049-57

Matrix: Solid
Percent Solids: 94.7

Method: SW846 8260D - Volatile Organic Compounds by GC/MS (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
tert-Butylbenzene	0.0012	U	0.0012	0.00033	mg/Kg	☼	10/14/25 10:06	10/15/25 14:45	1
Tetrachloroethene	0.0012	U	0.0012	0.00037	mg/Kg	☼	10/14/25 10:06	10/15/25 14:45	1
Toluene	**0.00047**	**J**	0.0012	0.00028	mg/Kg	☼	10/14/25 10:06	10/15/25 14:45	1
trans-1,2-Dichloroethene	0.0012	U	0.0012	0.00029	mg/Kg	☼	10/14/25 10:06	10/15/25 14:45	1
trans-1,3-Dichloropropene	0.0012	U	0.0012	0.00032	mg/Kg	☼	10/14/25 10:06	10/15/25 14:45	1
Trichloroethene	0.0012	U	0.0012	0.00038	mg/Kg	☼	10/14/25 10:06	10/15/25 14:45	1
Trichlorofluoromethane	0.0012	U	0.0012	0.00049	mg/Kg	☼	10/14/25 10:06	10/15/25 14:45	1
Vinyl chloride	0.0012	U	0.0012	0.00065	mg/Kg	☼	10/14/25 10:06	10/15/25 14:45	1
Xylenes, Total	0.0024	U	0.0024	0.00021	mg/Kg	☼	10/14/25 10:06	10/15/25 14:45	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,2-Dichloroethane-d4 (Surr)	*86*		*65 - 138*	*10/14/25 10:06*	*10/15/25 14:45*	*1*
4-Bromofluorobenzene	*98*		*71 - 128*	*10/14/25 10:06*	*10/15/25 14:45*	*1*
Dibromofluoromethane (Surr)	*98*		*50 - 150*	*10/14/25 10:06*	*10/15/25 14:45*	*1*
Toluene-d8 (Surr)	*101*		*71 - 126*	*10/14/25 10:06*	*10/15/25 14:45*	*1*

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Percent Moisture (EPA Moisture)	**5.3**		1.0	1.0	%			10/15/25 19:49	1
Percent Solids (EPA Moisture)	**94.7**		1.0	1.0	%			10/15/25 19:49	1

Client Sample ID: 52E2_3-4

Date Collected: 10/10/25 11:40
Date Received: 10/10/25 17:30

Lab Sample ID: 460-337049-58

Matrix: Solid
Percent Solids: 97.3

Method: SW846 8260D - Volatile Organic Compounds by GC/MS

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1-Trichloroethane	0.00097	U	0.00097	0.00022	mg/Kg	☼	10/14/25 10:07	10/15/25 15:56	1
1,1,2,2-Tetrachloroethane	0.00097	U	0.00097	0.00050	mg/Kg	☼	10/14/25 10:07	10/15/25 15:56	1
1,1,2-Trichloro-1,2,2-trifluoroethane	0.00097	U	0.00097	0.00029	mg/Kg	☼	10/14/25 10:07	10/15/25 15:56	1
1,1,2-Trichloroethane	0.00097	U	0.00097	0.00058	mg/Kg	☼	10/14/25 10:07	10/15/25 15:56	1
1,1-Dichloroethane	0.00097	U	0.00097	0.00058	mg/Kg	☼	10/14/25 10:07	10/15/25 15:56	1
1,1-Dichloroethene	0.00097	U	0.00097	0.00022	mg/Kg	☼	10/14/25 10:07	10/15/25 15:56	1
1,2,3-Trichlorobenzene	0.00097	U	0.00097	0.00071	mg/Kg	☼	10/14/25 10:07	10/15/25 15:56	1
1,2,4-Trichlorobenzene	0.00097	U	0.00097	0.00035	mg/Kg	☼	10/14/25 10:07	10/15/25 15:56	1
1,2,4-Trimethylbenzene	0.00097	U	0.00097	0.00024	mg/Kg	☼	10/14/25 10:07	10/15/25 15:56	1
1,2-Dibromo-3-Chloropropane	0.00097	U	0.00097	0.00044	mg/Kg	☼	10/14/25 10:07	10/15/25 15:56	1
1,2-Dichlorobenzene	0.00097	U	0.00097	0.00035	mg/Kg	☼	10/14/25 10:07	10/15/25 15:56	1
1,2-Dichloroethane	0.00097	U	0.00097	0.00029	mg/Kg	☼	10/14/25 10:07	10/15/25 15:56	1
1,2-Dichloropropane	0.00097	U	0.00097	0.00041	mg/Kg	☼	10/14/25 10:07	10/15/25 15:56	1
1,3,5-Trimethylbenzene	0.00097	U	0.00097	0.00030	mg/Kg	☼	10/14/25 10:07	10/15/25 15:56	1
1,3-Dichlorobenzene	0.00097	U	0.00097	0.00035	mg/Kg	☼	10/14/25 10:07	10/15/25 15:56	1
1,4-Dichlorobenzene	0.00097	U	0.00097	0.00050	mg/Kg	☼	10/14/25 10:07	10/15/25 15:56	1
2-Butanone (MEK)	0.0048	U	0.0048	0.00036	mg/Kg	☼	10/14/25 10:07	10/15/25 15:56	1
2-Hexanone	0.0048	U	0.0048	0.0017	mg/Kg	☼	10/14/25 10:07	10/15/25 15:56	1
4-Methyl-2-pentanone (MIBK)	0.0048	U	0.0048	0.0015	mg/Kg	☼	10/14/25 10:07	10/15/25 15:56	1
Acetone	0.0058	U	0.0058	0.0055	mg/Kg	☼	10/14/25 10:07	10/15/25 15:56	1
Benzene	0.00097	U	0.00097	0.00055	mg/Kg	☼	10/14/25 10:07	10/15/25 15:56	1
Bromoform	0.00097	U	0.00097	0.00041	mg/Kg	☼	10/14/25 10:07	10/15/25 15:56	1
Bromomethane	0.0019	U	0.0019	0.00097	mg/Kg	☼	10/14/25 10:07	10/15/25 15:56	1

Client Sample ID: 52E2_3-4
Date Collected: 10/10/25 11:40
Date Received: 10/10/25 17:30

Lab Sample ID: 460-337049-58
Matrix: Solid
Percent Solids: 97.3

Method: SW846 8260D - Volatile Organic Compounds by GC/MS (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Carbon disulfide	0.00097	U	0.00097	0.00026	mg/Kg	☼	10/14/25 10:07	10/15/25 15:56	1
Carbon tetrachloride	0.00097	U	0.00097	0.00037	mg/Kg	☼	10/14/25 10:07	10/15/25 15:56	1
Chlorobenzene	0.00097	U	0.00097	0.00049	mg/Kg	☼	10/14/25 10:07	10/15/25 15:56	1
Chlorobromomethane	0.00097	U	0.00097	0.00058	mg/Kg	☼	10/14/25 10:07	10/15/25 15:56	1
Chlorodibromomethane	0.00097	U	0.00097	0.00052	mg/Kg	☼	10/14/25 10:07	10/15/25 15:56	1
Chloroethane	0.00097	U	0.00097	0.00050	mg/Kg	☼	10/14/25 10:07	10/15/25 15:56	1
Chloroform	0.00097	U	0.00097	0.00094	mg/Kg	☼	10/14/25 10:07	10/15/25 15:56	1
Chloromethane	0.00097	U	0.00097	0.00042	mg/Kg	☼	10/14/25 10:07	10/15/25 15:56	1
cis-1,2-Dichloroethene	0.00097	U	0.00097	0.00035	mg/Kg	☼	10/14/25 10:07	10/15/25 15:56	1
cis-1,3-Dichloropropene	0.00097	U	0.00097	0.00026	mg/Kg	☼	10/14/25 10:07	10/15/25 15:56	1
Cyclohexane	0.00097	U	0.00097	0.00021	mg/Kg	☼	10/14/25 10:07	10/15/25 15:56	1
Dichlorobromomethane	0.00097	U	0.00097	0.00025	mg/Kg	☼	10/14/25 10:07	10/15/25 15:56	1
Dichlorodifluoromethane	0.00097	U *	0.00097	0.00033	mg/Kg	☼	10/14/25 10:07	10/15/25 15:56	1
Ethylbenzene	0.00097	U	0.00097	0.00045	mg/Kg	☼	10/14/25 10:07	10/15/25 15:56	1
Ethylene Dibromide	0.00097	U	0.00097	0.00049	mg/Kg	☼	10/14/25 10:07	10/15/25 15:56	1
Isopropylbenzene	0.00097	U	0.00097	0.00028	mg/Kg	☼	10/14/25 10:07	10/15/25 15:56	1
Methyl acetate	0.0048	U	0.0048	0.0042	mg/Kg	☼	10/14/25 10:07	10/15/25 15:56	1
Methyl tert-butyl ether	0.00097	U	0.00097	0.00049	mg/Kg	☼	10/14/25 10:07	10/15/25 15:56	1
Methylcyclohexane	0.00097	U	0.00097	0.00048	mg/Kg	☼	10/14/25 10:07	10/15/25 15:56	1
Methylene Chloride	**0.0021**		0.0019	0.0011	mg/Kg	☼	10/14/25 10:07	10/15/25 15:56	1
m-Xylene & p-Xylene	0.00097	U	0.00097	0.00041	mg/Kg	☼	10/14/25 10:07	10/15/25 15:56	1
n-Butylbenzene	0.00097	U	0.00097	0.00028	mg/Kg	☼	10/14/25 10:07	10/15/25 15:56	1
N-Propylbenzene	0.00097	U	0.00097	0.00043	mg/Kg	☼	10/14/25 10:07	10/15/25 15:56	1
o-Xylene	0.00097	U	0.00097	0.00044	mg/Kg	☼	10/14/25 10:07	10/15/25 15:56	1
sec-Butylbenzene	0.00097	U	0.00097	0.00028	mg/Kg	☼	10/14/25 10:07	10/15/25 15:56	1
Styrene	0.00097	U	0.00097	0.00027	mg/Kg	☼	10/14/25 10:07	10/15/25 15:56	1
tert-Butylbenzene	0.00097	U	0.00097	0.00027	mg/Kg	☼	10/14/25 10:07	10/15/25 15:56	1
Tetrachloroethene	0.00097	U	0.00097	0.00029	mg/Kg	☼	10/14/25 10:07	10/15/25 15:56	1
Toluene	**0.00049**	**J**	0.00097	0.00023	mg/Kg	☼	10/14/25 10:07	10/15/25 15:56	1
trans-1,2-Dichloroethene	0.00097	U	0.00097	0.00024	mg/Kg	☼	10/14/25 10:07	10/15/25 15:56	1
trans-1,3-Dichloropropene	0.00097	U	0.00097	0.00026	mg/Kg	☼	10/14/25 10:07	10/15/25 15:56	1
Trichloroethene	0.00097	U	0.00097	0.00031	mg/Kg	☼	10/14/25 10:07	10/15/25 15:56	1
Trichlorofluoromethane	0.00097	U	0.00097	0.00039	mg/Kg	☼	10/14/25 10:07	10/15/25 15:56	1
Vinyl chloride	0.00097	U	0.00097	0.00053	mg/Kg	☼	10/14/25 10:07	10/15/25 15:56	1
Xylenes, Total	0.0019	U	0.0019	0.00017	mg/Kg	☼	10/14/25 10:07	10/15/25 15:56	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,2-Dichloroethane-d4 (Surr)	*87*		*65 - 138*	*10/14/25 10:07*	*10/15/25 15:56*	*1*
4-Bromofluorobenzene	*99*		*71 - 128*	*10/14/25 10:07*	*10/15/25 15:56*	*1*
Dibromofluoromethane (Surr)	*100*		*50 - 150*	*10/14/25 10:07*	*10/15/25 15:56*	*1*
Toluene-d8 (Surr)	*100*		*71 - 126*	*10/14/25 10:07*	*10/15/25 15:56*	*1*

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Percent Moisture (EPA Moisture)	**2.7**		1.0	1.0	%			10/15/25 19:49	1
Percent Solids (EPA Moisture)	**97.3**		1.0	1.0	%			10/15/25 19:49	1

Client: Haley & Aldrich, Inc.
Project/Site: Former Port Mobil

Job ID: 460-337049-1

Client Sample ID: 52E3_1-2
Date Collected: 10/10/25 11:45
Date Received: 10/10/25 17:30

Lab Sample ID: 460-337049-59
Matrix: Solid
Percent Solids: 96.9

Method: SW846 8260D - Volatile Organic Compounds by GC/MS

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1-Trichloroethane	0.00098	U	0.00098	0.00023	mg/Kg	☼	10/14/25 10:07	10/15/25 16:46	1
1,1,2,2-Tetrachloroethane	0.00098	U	0.00098	0.00051	mg/Kg	☼	10/14/25 10:07	10/15/25 16:46	1
1,1,2-Trichloro-1,2,2-trifluoroethane	0.00098	U	0.00098	0.00029	mg/Kg	☼	10/14/25 10:07	10/15/25 16:46	1
1,1,2-Trichloroethane	0.00098	U	0.00098	0.00059	mg/Kg	☼	10/14/25 10:07	10/15/25 16:46	1
1,1-Dichloroethane	0.00098	U	0.00098	0.00058	mg/Kg	☼	10/14/25 10:07	10/15/25 16:46	1
1,1-Dichloroethene	0.00098	U	0.00098	0.00022	mg/Kg	☼	10/14/25 10:07	10/15/25 16:46	1
1,2,3-Trichlorobenzene	0.00098	U	0.00098	0.00072	mg/Kg	☼	10/14/25 10:07	10/15/25 16:46	1
1,2,4-Trichlorobenzene	0.00098	U	0.00098	0.00035	mg/Kg	☼	10/14/25 10:07	10/15/25 16:46	1
1,2,4-Trimethylbenzene	0.00098	U	0.00098	0.00024	mg/Kg	☼	10/14/25 10:07	10/15/25 16:46	1
1,2-Dibromo-3-Chloropropane	0.00098	U	0.00098	0.00045	mg/Kg	☼	10/14/25 10:07	10/15/25 16:46	1
1,2-Dichlorobenzene	0.00098	U	0.00098	0.00035	mg/Kg	☼	10/14/25 10:07	10/15/25 16:46	1
1,2-Dichloroethane	0.00098	U	0.00098	0.00029	mg/Kg	☼	10/14/25 10:07	10/15/25 16:46	1
1,2-Dichloropropane	0.00098	U	0.00098	0.00041	mg/Kg	☼	10/14/25 10:07	10/15/25 16:46	1
1,3,5-Trimethylbenzene	0.00098	U	0.00098	0.00031	mg/Kg	☼	10/14/25 10:07	10/15/25 16:46	1
1,3-Dichlorobenzene	0.00098	U	0.00098	0.00036	mg/Kg	☼	10/14/25 10:07	10/15/25 16:46	1
1,4-Dichlorobenzene	0.00098	U	0.00098	0.00051	mg/Kg	☼	10/14/25 10:07	10/15/25 16:46	1
2-Butanone (MEK)	0.0049	U	0.0049	0.00036	mg/Kg	☼	10/14/25 10:07	10/15/25 16:46	1
2-Hexanone	0.0049	U	0.0049	0.0017	mg/Kg	☼	10/14/25 10:07	10/15/25 16:46	1
4-Methyl-2-pentanone (MIBK)	0.0049	U	0.0049	0.0015	mg/Kg	☼	10/14/25 10:07	10/15/25 16:46	1
Acetone	0.0059	U	0.0059	0.0056	mg/Kg	☼	10/14/25 10:07	10/15/25 16:46	1
Benzene	0.00098	U	0.00098	0.00055	mg/Kg	☼	10/14/25 10:07	10/15/25 16:46	1
Bromoform	0.00098	U	0.00098	0.00042	mg/Kg	☼	10/14/25 10:07	10/15/25 16:46	1
Bromomethane	0.0020	U	0.0020	0.00098	mg/Kg	☼	10/14/25 10:07	10/15/25 16:46	1
Carbon disulfide	0.00098	U	0.00098	0.00026	mg/Kg	☼	10/14/25 10:07	10/15/25 16:46	1
Carbon tetrachloride	0.00098	U	0.00098	0.00038	mg/Kg	☼	10/14/25 10:07	10/15/25 16:46	1
Chlorobenzene	0.00098	U	0.00098	0.00050	mg/Kg	☼	10/14/25 10:07	10/15/25 16:46	1
Chlorobromomethane	0.00098	U	0.00098	0.00058	mg/Kg	☼	10/14/25 10:07	10/15/25 16:46	1
Chlorodibromomethane	0.00098	U	0.00098	0.00053	mg/Kg	☼	10/14/25 10:07	10/15/25 16:46	1
Chloroethane	0.00098	U	0.00098	0.00051	mg/Kg	☼	10/14/25 10:07	10/15/25 16:46	1
Chloroform	0.00098	U	0.00098	0.00095	mg/Kg	☼	10/14/25 10:07	10/15/25 16:46	1
Chloromethane	0.00098	U	0.00098	0.00043	mg/Kg	☼	10/14/25 10:07	10/15/25 16:46	1
cis-1,2-Dichloroethene	0.00098	U	0.00098	0.00035	mg/Kg	☼	10/14/25 10:07	10/15/25 16:46	1
cis-1,3-Dichloropropene	0.00098	U	0.00098	0.00027	mg/Kg	☼	10/14/25 10:07	10/15/25 16:46	1
Cyclohexane	0.00098	U	0.00098	0.00022	mg/Kg	☼	10/14/25 10:07	10/15/25 16:46	1
Dichlorobromomethane	0.00098	U	0.00098	0.00025	mg/Kg	☼	10/14/25 10:07	10/15/25 16:46	1
Dichlorodifluoromethane	0.00098	U *	0.00098	0.00033	mg/Kg	☼	10/14/25 10:07	10/15/25 16:46	1
Ethylbenzene	0.00098	U	0.00098	0.00046	mg/Kg	☼	10/14/25 10:07	10/15/25 16:46	1
Ethylene Dibromide	0.00098	U	0.00098	0.00049	mg/Kg	☼	10/14/25 10:07	10/15/25 16:46	1
Isopropylbenzene	0.00098	U	0.00098	0.00028	mg/Kg	☼	10/14/25 10:07	10/15/25 16:46	1
Methyl acetate	0.0049	U	0.0049	0.0042	mg/Kg	☼	10/14/25 10:07	10/15/25 16:46	1
Methyl tert-butyl ether	0.00098	U	0.00098	0.00050	mg/Kg	☼	10/14/25 10:07	10/15/25 16:46	1
Methylcyclohexane	0.00098	U	0.00098	0.00049	mg/Kg	☼	10/14/25 10:07	10/15/25 16:46	1
Methylene Chloride	**0.0029**		0.0020	0.0011	mg/Kg	☼	10/14/25 10:07	10/15/25 16:46	1
m-Xylene & p-Xylene	0.00098	U	0.00098	0.00041	mg/Kg	☼	10/14/25 10:07	10/15/25 16:46	1
n-Butylbenzene	0.00098	U	0.00098	0.00029	mg/Kg	☼	10/14/25 10:07	10/15/25 16:46	1
N-Propylbenzene	0.00098	U	0.00098	0.00044	mg/Kg	☼	10/14/25 10:07	10/15/25 16:46	1
o-Xylene	0.00098	U	0.00098	0.00045	mg/Kg	☼	10/14/25 10:07	10/15/25 16:46	1
sec-Butylbenzene	0.00098	U	0.00098	0.00028	mg/Kg	☼	10/14/25 10:07	10/15/25 16:46	1
Styrene	0.00098	U	0.00098	0.00027	mg/Kg	☼	10/14/25 10:07	10/15/25 16:46	1

Client Sample ID: 52E3_1-2

Date Collected: 10/10/25 11:45
Date Received: 10/10/25 17:30

Lab Sample ID: 460-337049-59

Matrix: Solid
Percent Solids: 96.9

Method: SW846 8260D - Volatile Organic Compounds by GC/MS (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
tert-Butylbenzene	0.00098	U	0.00098	0.00027	mg/Kg	☼	10/14/25 10:07	10/15/25 16:46	1
Tetrachloroethene	0.00098	U	0.00098	0.00030	mg/Kg	☼	10/14/25 10:07	10/15/25 16:46	1
Toluene	**0.00082**	**J**	0.00098	0.00023	mg/Kg	☼	10/14/25 10:07	10/15/25 16:46	1
trans-1,2-Dichloroethene	0.00098	U	0.00098	0.00024	mg/Kg	☼	10/14/25 10:07	10/15/25 16:46	1
trans-1,3-Dichloropropene	0.00098	U	0.00098	0.00026	mg/Kg	☼	10/14/25 10:07	10/15/25 16:46	1
Trichloroethene	0.00098	U	0.00098	0.00031	mg/Kg	☼	10/14/25 10:07	10/15/25 16:46	1
Trichlorofluoromethane	0.00098	U	0.00098	0.00040	mg/Kg	☼	10/14/25 10:07	10/15/25 16:46	1
Vinyl chloride	0.00098	U	0.00098	0.00053	mg/Kg	☼	10/14/25 10:07	10/15/25 16:46	1
Xylenes, Total	0.0020	U	0.0020	0.00017	mg/Kg	☼	10/14/25 10:07	10/15/25 16:46	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,2-Dichloroethane-d4 (Surr)	*84*		*65 - 138*	*10/14/25 10:07*	*10/15/25 16:46*	*1*
4-Bromofluorobenzene	*94*		*71 - 128*	*10/14/25 10:07*	*10/15/25 16:46*	*1*
Dibromofluoromethane (Surr)	*100*		*50 - 150*	*10/14/25 10:07*	*10/15/25 16:46*	*1*
Toluene-d8 (Surr)	*99*		*71 - 126*	*10/14/25 10:07*	*10/15/25 16:46*	*1*

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Percent Moisture (EPA Moisture)	**3.1**		1.0	1.0	%			10/15/25 19:49	1
Percent Solids (EPA Moisture)	**96.9**		1.0	1.0	%			10/15/25 19:49	1

Client Sample ID: 52E2_7-8

Date Collected: 10/10/25 11:55
Date Received: 10/10/25 17:30

Lab Sample ID: 460-337049-61

Matrix: Solid
Percent Solids: 96.7

Method: SW846 8260D - Volatile Organic Compounds by GC/MS

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1-Trichloroethane	0.0010	U	0.0010	0.00024	mg/Kg	☼	10/14/25 10:08	10/15/25 17:10	1
1,1,2,2-Tetrachloroethane	0.0010	U	0.0010	0.00053	mg/Kg	☼	10/14/25 10:08	10/15/25 17:10	1
1,1,2-Trichloro-1,2,2-trifluoroethane	0.0010	U	0.0010	0.00030	mg/Kg	☼	10/14/25 10:08	10/15/25 17:10	1
1,1,2-Trichloroethane	0.0010	U	0.0010	0.00061	mg/Kg	☼	10/14/25 10:08	10/15/25 17:10	1
1,1-Dichloroethane	0.0010	U	0.0010	0.00060	mg/Kg	☼	10/14/25 10:08	10/15/25 17:10	1
1,1-Dichloroethene	0.0010	U	0.0010	0.00023	mg/Kg	☼	10/14/25 10:08	10/15/25 17:10	1
1,2,3-Trichlorobenzene	0.0010	U	0.0010	0.00074	mg/Kg	☼	10/14/25 10:08	10/15/25 17:10	1
1,2,4-Trichlorobenzene	0.0010	U	0.0010	0.00036	mg/Kg	☼	10/14/25 10:08	10/15/25 17:10	1
1,2,4-Trimethylbenzene	0.0010	U	0.0010	0.00025	mg/Kg	☼	10/14/25 10:08	10/15/25 17:10	1
1,2-Dibromo-3-Chloropropane	0.0010	U	0.0010	0.00046	mg/Kg	☼	10/14/25 10:08	10/15/25 17:10	1
1,2-Dichlorobenzene	0.0010	U	0.0010	0.00036	mg/Kg	☼	10/14/25 10:08	10/15/25 17:10	1
1,2-Dichloroethane	0.0010	U	0.0010	0.00030	mg/Kg	☼	10/14/25 10:08	10/15/25 17:10	1
1,2-Dichloropropane	0.0010	U	0.0010	0.00043	mg/Kg	☼	10/14/25 10:08	10/15/25 17:10	1
1,3,5-Trimethylbenzene	0.0010	U	0.0010	0.00032	mg/Kg	☼	10/14/25 10:08	10/15/25 17:10	1
1,3-Dichlorobenzene	0.0010	U	0.0010	0.00037	mg/Kg	☼	10/14/25 10:08	10/15/25 17:10	1
1,4-Dichlorobenzene	0.0010	U	0.0010	0.00052	mg/Kg	☼	10/14/25 10:08	10/15/25 17:10	1
2-Butanone (MEK)	0.0050	U	0.0050	0.00037	mg/Kg	☼	10/14/25 10:08	10/15/25 17:10	1
2-Hexanone	0.0050	U	0.0050	0.0017	mg/Kg	☼	10/14/25 10:08	10/15/25 17:10	1
4-Methyl-2-pentanone (MIBK)	0.0050	U	0.0050	0.0016	mg/Kg	☼	10/14/25 10:08	10/15/25 17:10	1
Acetone	0.0061	U	0.0061	0.0058	mg/Kg	☼	10/14/25 10:08	10/15/25 17:10	1
Benzene	0.0010	U	0.0010	0.00057	mg/Kg	☼	10/14/25 10:08	10/15/25 17:10	1
Bromoform	0.0010	U	0.0010	0.00043	mg/Kg	☼	10/14/25 10:08	10/15/25 17:10	1
Bromomethane	0.0020	U	0.0020	0.0010	mg/Kg	☼	10/14/25 10:08	10/15/25 17:10	1

Client Sample ID: 52E2_7-8
Date Collected: 10/10/25 11:55
Date Received: 10/10/25 17:30

Lab Sample ID: 460-337049-61
Matrix: Solid
Percent Solids: 96.7

Method: SW846 8260D - Volatile Organic Compounds by GC/MS (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Carbon disulfide	0.0010	U	0.0010	0.00027	mg/Kg	☼	10/14/25 10:08	10/15/25 17:10	1
Carbon tetrachloride	0.0010	U	0.0010	0.00039	mg/Kg	☼	10/14/25 10:08	10/15/25 17:10	1
Chlorobenzene	0.0010	U	0.0010	0.00051	mg/Kg	☼	10/14/25 10:08	10/15/25 17:10	1
Chlorobromomethane	0.0010	U	0.0010	0.00060	mg/Kg	☼	10/14/25 10:08	10/15/25 17:10	1
Chlorodibromomethane	0.0010	U	0.0010	0.00054	mg/Kg	☼	10/14/25 10:08	10/15/25 17:10	1
Chloroethane	0.0010	U	0.0010	0.00053	mg/Kg	☼	10/14/25 10:08	10/15/25 17:10	1
Chloroform	0.0010	U	0.0010	0.00098	mg/Kg	☼	10/14/25 10:08	10/15/25 17:10	1
Chloromethane	0.0010	U	0.0010	0.00044	mg/Kg	☼	10/14/25 10:08	10/15/25 17:10	1
cis-1,2-Dichloroethene	0.0010	U	0.0010	0.00036	mg/Kg	☼	10/14/25 10:08	10/15/25 17:10	1
cis-1,3-Dichloropropene	0.0010	U	0.0010	0.00028	mg/Kg	☼	10/14/25 10:08	10/15/25 17:10	1
Cyclohexane	0.0010	U	0.0010	0.00022	mg/Kg	☼	10/14/25 10:08	10/15/25 17:10	1
Dichlorobromomethane	0.0010	U	0.0010	0.00026	mg/Kg	☼	10/14/25 10:08	10/15/25 17:10	1
Dichlorodifluoromethane	0.0010	U *	0.0010	0.00034	mg/Kg	☼	10/14/25 10:08	10/15/25 17:10	1
Ethylbenzene	0.0010	U	0.0010	0.00047	mg/Kg	☼	10/14/25 10:08	10/15/25 17:10	1
Ethylene Dibromide	0.0010	U	0.0010	0.00051	mg/Kg	☼	10/14/25 10:08	10/15/25 17:10	1
Isopropylbenzene	0.0010	U	0.0010	0.00029	mg/Kg	☼	10/14/25 10:08	10/15/25 17:10	1
Methyl acetate	0.0050	U	0.0050	0.0043	mg/Kg	☼	10/14/25 10:08	10/15/25 17:10	1
Methyl tert-butyl ether	0.0010	U	0.0010	0.00052	mg/Kg	☼	10/14/25 10:08	10/15/25 17:10	1
Methylcyclohexane	0.0010	U	0.0010	0.00050	mg/Kg	☼	10/14/25 10:08	10/15/25 17:10	1
Methylene Chloride	0.0020	U	0.0020	0.0012	mg/Kg	☼	10/14/25 10:08	10/15/25 17:10	1
m-Xylene & p-Xylene	0.0010	U	0.0010	0.00043	mg/Kg	☼	10/14/25 10:08	10/15/25 17:10	1
n-Butylbenzene	0.0010	U	0.0010	0.00030	mg/Kg	☼	10/14/25 10:08	10/15/25 17:10	1
N-Propylbenzene	0.0010	U	0.0010	0.00045	mg/Kg	☼	10/14/25 10:08	10/15/25 17:10	1
o-Xylene	0.0010	U	0.0010	0.00047	mg/Kg	☼	10/14/25 10:08	10/15/25 17:10	1
sec-Butylbenzene	0.0010	U	0.0010	0.00029	mg/Kg	☼	10/14/25 10:08	10/15/25 17:10	1
Styrene	0.0010	U	0.0010	0.00028	mg/Kg	☼	10/14/25 10:08	10/15/25 17:10	1
tert-Butylbenzene	0.0010	U	0.0010	0.00028	mg/Kg	☼	10/14/25 10:08	10/15/25 17:10	1
Tetrachloroethene	0.0010	U	0.0010	0.00031	mg/Kg	☼	10/14/25 10:08	10/15/25 17:10	1
Toluene	0.0010	U	0.0010	0.00024	mg/Kg	☼	10/14/25 10:08	10/15/25 17:10	1
trans-1,2-Dichloroethene	0.0010	U	0.0010	0.00025	mg/Kg	☼	10/14/25 10:08	10/15/25 17:10	1
trans-1,3-Dichloropropene	0.0010	U	0.0010	0.00027	mg/Kg	☼	10/14/25 10:08	10/15/25 17:10	1
Trichloroethene	0.0010	U	0.0010	0.00032	mg/Kg	☼	10/14/25 10:08	10/15/25 17:10	1
Trichlorofluoromethane	0.0010	U	0.0010	0.00041	mg/Kg	☼	10/14/25 10:08	10/15/25 17:10	1
Vinyl chloride	0.0010	U	0.0010	0.00055	mg/Kg	☼	10/14/25 10:08	10/15/25 17:10	1
Xylenes, Total	0.0020	U	0.0020	0.00018	mg/Kg	☼	10/14/25 10:08	10/15/25 17:10	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,2-Dichloroethane-d4 (Surr)	*86*		*65 - 138*	*10/14/25 10:08*	*10/15/25 17:10*	*1*
4-Bromofluorobenzene	*101*		*71 - 128*	*10/14/25 10:08*	*10/15/25 17:10*	*1*
Dibromofluoromethane (Surr)	*101*		*50 - 150*	*10/14/25 10:08*	*10/15/25 17:10*	*1*
Toluene-d8 (Surr)	*101*		*71 - 126*	*10/14/25 10:08*	*10/15/25 17:10*	*1*

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Percent Moisture (EPA Moisture)	**3.3**		1.0	1.0	%			10/15/25 19:49	1
Percent Solids (EPA Moisture)	**96.7**		1.0	1.0	%			10/15/25 19:49	1

Client: Haley & Aldrich, Inc.
Project/Site: Former Port Mobil

Job ID: 460-337049-1

Client Sample ID: 52E3_6-7
Date Collected: 10/10/25 12:00
Date Received: 10/10/25 17:30

Lab Sample ID: 460-337049-62
Matrix: Solid
Percent Solids: 96.4

Method: SW846 8260D - Volatile Organic Compounds by GC/MS

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1-Trichloroethane	0.00085	U	0.00085	0.00020	mg/Kg	☼	10/14/25 10:08	10/15/25 22:13	1
1,1,2,2-Tetrachloroethane	0.00085	U	0.00085	0.00044	mg/Kg	☼	10/14/25 10:08	10/15/25 22:13	1
1,1,2-Trichloro-1,2,2-trifluoroethane	0.00085	U	0.00085	0.00026	mg/Kg	☼	10/14/25 10:08	10/15/25 22:13	1
1,1,2-Trichloroethane	0.00085	U	0.00085	0.00051	mg/Kg	☼	10/14/25 10:08	10/15/25 22:13	1
1,1-Dichloroethane	0.00085	U	0.00085	0.00051	mg/Kg	☼	10/14/25 10:08	10/15/25 22:13	1
1,1-Dichloroethene	0.00085	U	0.00085	0.00019	mg/Kg	☼	10/14/25 10:08	10/15/25 22:13	1
1,2,3-Trichlorobenzene	0.00085	U	0.00085	0.00063	mg/Kg	☼	10/14/25 10:08	10/15/25 22:13	1
1,2,4-Trichlorobenzene	0.00085	U	0.00085	0.00030	mg/Kg	☼	10/14/25 10:08	10/15/25 22:13	1
1,2,4-Trimethylbenzene	0.00085	U	0.00085	0.00021	mg/Kg	☼	10/14/25 10:08	10/15/25 22:13	1
1,2-Dibromo-3-Chloropropane	0.00085	U	0.00085	0.00039	mg/Kg	☼	10/14/25 10:08	10/15/25 22:13	1
1,2-Dichlorobenzene	0.00085	U	0.00085	0.00031	mg/Kg	☼	10/14/25 10:08	10/15/25 22:13	1
1,2-Dichloroethane	0.00085	U	0.00085	0.00025	mg/Kg	☼	10/14/25 10:08	10/15/25 22:13	1
1,2-Dichloropropane	0.00085	U	0.00085	0.00036	mg/Kg	☼	10/14/25 10:08	10/15/25 22:13	1
1,3,5-Trimethylbenzene	0.00085	U	0.00085	0.00027	mg/Kg	☼	10/14/25 10:08	10/15/25 22:13	1
1,3-Dichlorobenzene	0.00085	U	0.00085	0.00031	mg/Kg	☼	10/14/25 10:08	10/15/25 22:13	1
1,4-Dichlorobenzene	0.00085	U	0.00085	0.00044	mg/Kg	☼	10/14/25 10:08	10/15/25 22:13	1
2-Butanone (MEK)	0.0043	U	0.0043	0.00031	mg/Kg	☼	10/14/25 10:08	10/15/25 22:13	1
2-Hexanone	0.0043	U	0.0043	0.0015	mg/Kg	☼	10/14/25 10:08	10/15/25 22:13	1
4-Methyl-2-pentanone (MIBK)	0.0043	U	0.0043	0.0013	mg/Kg	☼	10/14/25 10:08	10/15/25 22:13	1
Acetone	0.0051	U	0.0051	0.0049	mg/Kg	☼	10/14/25 10:08	10/15/25 22:13	1
Benzene	0.00085	U	0.00085	0.00048	mg/Kg	☼	10/14/25 10:08	10/15/25 22:13	1
Bromoform	0.00085	U	0.00085	0.00036	mg/Kg	☼	10/14/25 10:08	10/15/25 22:13	1
Bromomethane	0.0017	U	0.0017	0.00085	mg/Kg	☼	10/14/25 10:08	10/15/25 22:13	1
Carbon disulfide	0.00085	U	0.00085	0.00023	mg/Kg	☼	10/14/25 10:08	10/15/25 22:13	1
Carbon tetrachloride	0.00085	U	0.00085	0.00033	mg/Kg	☼	10/14/25 10:08	10/15/25 22:13	1
Chlorobenzene	0.00085	U	0.00085	0.00043	mg/Kg	☼	10/14/25 10:08	10/15/25 22:13	1
Chlorobromomethane	0.00085	U	0.00085	0.00051	mg/Kg	☼	10/14/25 10:08	10/15/25 22:13	1
Chlorodibromomethane	0.00085	U	0.00085	0.00046	mg/Kg	☼	10/14/25 10:08	10/15/25 22:13	1
Chloroethane	0.00085	U	0.00085	0.00044	mg/Kg	☼	10/14/25 10:08	10/15/25 22:13	1
Chloroform	0.00085	U	0.00085	0.00083	mg/Kg	☼	10/14/25 10:08	10/15/25 22:13	1
Chloromethane	0.00085	U	0.00085	0.00037	mg/Kg	☼	10/14/25 10:08	10/15/25 22:13	1
cis-1,2-Dichloroethene	0.00085	U	0.00085	0.00030	mg/Kg	☼	10/14/25 10:08	10/15/25 22:13	1
cis-1,3-Dichloropropene	0.00085	U	0.00085	0.00023	mg/Kg	☼	10/14/25 10:08	10/15/25 22:13	1
Cyclohexane	0.00085	U	0.00085	0.00019	mg/Kg	☼	10/14/25 10:08	10/15/25 22:13	1
Dichlorobromomethane	0.00085	U	0.00085	0.00022	mg/Kg	☼	10/14/25 10:08	10/15/25 22:13	1
Dichlorodifluoromethane	0.00085	U *	0.00085	0.00029	mg/Kg	☼	10/14/25 10:08	10/15/25 22:13	1
Ethylbenzene	0.00085	U	0.00085	0.00040	mg/Kg	☼	10/14/25 10:08	10/15/25 22:13	1
Ethylene Dibromide	0.00085	U	0.00085	0.00043	mg/Kg	☼	10/14/25 10:08	10/15/25 22:13	1
Isopropylbenzene	0.00085	U	0.00085	0.00024	mg/Kg	☼	10/14/25 10:08	10/15/25 22:13	1
Methyl acetate	0.0043	U	0.0043	0.0037	mg/Kg	☼	10/14/25 10:08	10/15/25 22:13	1
Methyl tert-butyl ether	0.00085	U	0.00085	0.00044	mg/Kg	☼	10/14/25 10:08	10/15/25 22:13	1
Methylcyclohexane	0.00085	U	0.00085	0.00042	mg/Kg	☼	10/14/25 10:08	10/15/25 22:13	1
Methylene Chloride	**0.0017**		0.0017	0.00098	mg/Kg	☼	10/14/25 10:08	10/15/25 22:13	1
m-Xylene & p-Xylene	0.00085	U	0.00085	0.00036	mg/Kg	☼	10/14/25 10:08	10/15/25 22:13	1
n-Butylbenzene	0.00085	U	0.00085	0.00025	mg/Kg	☼	10/14/25 10:08	10/15/25 22:13	1
N-Propylbenzene	0.00085	U	0.00085	0.00038	mg/Kg	☼	10/14/25 10:08	10/15/25 22:13	1
o-Xylene	0.00085	U	0.00085	0.00039	mg/Kg	☼	10/14/25 10:08	10/15/25 22:13	1
sec-Butylbenzene	0.00085	U	0.00085	0.00025	mg/Kg	☼	10/14/25 10:08	10/15/25 22:13	1
Styrene	0.00085	U	0.00085	0.00024	mg/Kg	☼	10/14/25 10:08	10/15/25 22:13	1

Client Sample ID: 52E3_6-7

Date Collected: 10/10/25 12:00
Date Received: 10/10/25 17:30

Lab Sample ID: 460-337049-62

Matrix: Solid
Percent Solids: 96.4

Method: SW846 8260D - Volatile Organic Compounds by GC/MS (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
tert-Butylbenzene	0.00085	U	0.00085	0.00024	mg/Kg	☼	10/14/25 10:08	10/15/25 22:13	1
Tetrachloroethene	0.00085	U	0.00085	0.00026	mg/Kg	☼	10/14/25 10:08	10/15/25 22:13	1
Toluene	**0.00047**	**J**	0.00085	0.00020	mg/Kg	☼	10/14/25 10:08	10/15/25 22:13	1
trans-1,2-Dichloroethene	0.00085	U	0.00085	0.00021	mg/Kg	☼	10/14/25 10:08	10/15/25 22:13	1
trans-1,3-Dichloropropene	0.00085	U	0.00085	0.00023	mg/Kg	☼	10/14/25 10:08	10/15/25 22:13	1
Trichloroethene	0.00085	U	0.00085	0.00027	mg/Kg	☼	10/14/25 10:08	10/15/25 22:13	1
Trichlorofluoromethane	0.00085	U	0.00085	0.00035	mg/Kg	☼	10/14/25 10:08	10/15/25 22:13	1
Vinyl chloride	0.00085	U	0.00085	0.00047	mg/Kg	☼	10/14/25 10:08	10/15/25 22:13	1
Xylenes, Total	0.0017	U	0.0017	0.00015	mg/Kg	☼	10/14/25 10:08	10/15/25 22:13	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,2-Dichloroethane-d4 (Surr)	*93*		*65 - 138*	*10/14/25 10:08*	*10/15/25 22:13*	*1*
4-Bromofluorobenzene	*98*		*71 - 128*	*10/14/25 10:08*	*10/15/25 22:13*	*1*
Dibromofluoromethane (Surr)	*99*		*50 - 150*	*10/14/25 10:08*	*10/15/25 22:13*	*1*
Toluene-d8 (Surr)	*100*		*71 - 126*	*10/14/25 10:08*	*10/15/25 22:13*	*1*

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Percent Moisture (EPA Moisture)	**3.6**		1.0	1.0	%			10/15/25 19:49	1
Percent Solids (EPA Moisture)	**96.4**		1.0	1.0	%			10/15/25 19:49	1

Client Sample ID: 52E2_5-6

Date Collected: 10/10/25 12:05
Date Received: 10/10/25 17:30

Lab Sample ID: 460-337049-63

Matrix: Solid
Percent Solids: 98.2

Method: SW846 8260D - Volatile Organic Compounds by GC/MS

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1-Trichloroethane	0.00090	U	0.00090	0.00021	mg/Kg	☼	10/14/25 10:08	10/15/25 22:37	1
1,1,2,2-Tetrachloroethane	0.00090	U	0.00090	0.00047	mg/Kg	☼	10/14/25 10:08	10/15/25 22:37	1
1,1,2-Trichloro-1,2,2-trifluoroethane	0.00090	U	0.00090	0.00027	mg/Kg	☼	10/14/25 10:08	10/15/25 22:37	1
1,1,2-Trichloroethane	0.00090	U	0.00090	0.00054	mg/Kg	☼	10/14/25 10:08	10/15/25 22:37	1
1,1-Dichloroethane	0.00090	U	0.00090	0.00054	mg/Kg	☼	10/14/25 10:08	10/15/25 22:37	1
1,1-Dichloroethene	0.00090	U	0.00090	0.00020	mg/Kg	☼	10/14/25 10:08	10/15/25 22:37	1
1,2,3-Trichlorobenzene	0.00090	U	0.00090	0.00067	mg/Kg	☼	10/14/25 10:08	10/15/25 22:37	1
1,2,4-Trichlorobenzene	0.00090	U	0.00090	0.00032	mg/Kg	☼	10/14/25 10:08	10/15/25 22:37	1
1,2,4-Trimethylbenzene	0.00090	U	0.00090	0.00022	mg/Kg	☼	10/14/25 10:08	10/15/25 22:37	1
1,2-Dibromo-3-Chloropropane	0.00090	U	0.00090	0.00042	mg/Kg	☼	10/14/25 10:08	10/15/25 22:37	1
1,2-Dichlorobenzene	0.00090	U	0.00090	0.00033	mg/Kg	☼	10/14/25 10:08	10/15/25 22:37	1
1,2-Dichloroethane	0.00090	U	0.00090	0.00027	mg/Kg	☼	10/14/25 10:08	10/15/25 22:37	1
1,2-Dichloropropane	0.00090	U	0.00090	0.00038	mg/Kg	☼	10/14/25 10:08	10/15/25 22:37	1
1,3,5-Trimethylbenzene	0.00090	U	0.00090	0.00028	mg/Kg	☼	10/14/25 10:08	10/15/25 22:37	1
1,3-Dichlorobenzene	0.00090	U	0.00090	0.00033	mg/Kg	☼	10/14/25 10:08	10/15/25 22:37	1
1,4-Dichlorobenzene	0.00090	U	0.00090	0.00047	mg/Kg	☼	10/14/25 10:08	10/15/25 22:37	1
2-Butanone (MEK)	0.0045	U	0.0045	0.00033	mg/Kg	☼	10/14/25 10:08	10/15/25 22:37	1
2-Hexanone	0.0045	U	0.0045	0.0015	mg/Kg	☼	10/14/25 10:08	10/15/25 22:37	1
4-Methyl-2-pentanone (MIBK)	0.0045	U	0.0045	0.0014	mg/Kg	☼	10/14/25 10:08	10/15/25 22:37	1
Acetone	0.0054	U	0.0054	0.0052	mg/Kg	☼	10/14/25 10:08	10/15/25 22:37	1
Benzene	0.00090	U	0.00090	0.00051	mg/Kg	☼	10/14/25 10:08	10/15/25 22:37	1
Bromoform	0.00090	U	0.00090	0.00038	mg/Kg	☼	10/14/25 10:08	10/15/25 22:37	1
Bromomethane	0.0018	U	0.0018	0.00090	mg/Kg	☼	10/14/25 10:08	10/15/25 22:37	1

Client Sample ID: 52E2_5-6
Date Collected: 10/10/25 12:05
Date Received: 10/10/25 17:30

Lab Sample ID: 460-337049-63
Matrix: Solid
Percent Solids: 98.2

Method: SW846 8260D - Volatile Organic Compounds by GC/MS (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Carbon disulfide	0.00090	U	0.00090	0.00024	mg/Kg	☼	10/14/25 10:08	10/15/25 22:37	1
Carbon tetrachloride	0.00090	U	0.00090	0.00035	mg/Kg	☼	10/14/25 10:08	10/15/25 22:37	1
Chlorobenzene	0.00090	U	0.00090	0.00046	mg/Kg	☼	10/14/25 10:08	10/15/25 22:37	1
Chlorobromomethane	0.00090	U	0.00090	0.00054	mg/Kg	☼	10/14/25 10:08	10/15/25 22:37	1
Chlorodibromomethane	0.00090	U	0.00090	0.00049	mg/Kg	☼	10/14/25 10:08	10/15/25 22:37	1
Chloroethane	0.00090	U	0.00090	0.00047	mg/Kg	☼	10/14/25 10:08	10/15/25 22:37	1
Chloroform	0.00090	U	0.00090	0.00088	mg/Kg	☼	10/14/25 10:08	10/15/25 22:37	1
Chloromethane	0.00090	U	0.00090	0.00039	mg/Kg	☼	10/14/25 10:08	10/15/25 22:37	1
cis-1,2-Dichloroethene	0.00090	U	0.00090	0.00032	mg/Kg	☼	10/14/25 10:08	10/15/25 22:37	1
cis-1,3-Dichloropropene	0.00090	U	0.00090	0.00025	mg/Kg	☼	10/14/25 10:08	10/15/25 22:37	1
Cyclohexane	0.00090	U	0.00090	0.00020	mg/Kg	☼	10/14/25 10:08	10/15/25 22:37	1
Dichlorobromomethane	0.00090	U	0.00090	0.00023	mg/Kg	☼	10/14/25 10:08	10/15/25 22:37	1
Dichlorodifluoromethane	0.00090	U *	0.00090	0.00031	mg/Kg	☼	10/14/25 10:08	10/15/25 22:37	1
Ethylbenzene	0.00090	U	0.00090	0.00042	mg/Kg	☼	10/14/25 10:08	10/15/25 22:37	1
Ethylene Dibromide	0.00090	U	0.00090	0.00046	mg/Kg	☼	10/14/25 10:08	10/15/25 22:37	1
Isopropylbenzene	0.00090	U	0.00090	0.00026	mg/Kg	☼	10/14/25 10:08	10/15/25 22:37	1
Methyl acetate	0.0045	U	0.0045	0.0039	mg/Kg	☼	10/14/25 10:08	10/15/25 22:37	1
Methyl tert-butyl ether	0.00090	U	0.00090	0.00046	mg/Kg	☼	10/14/25 10:08	10/15/25 22:37	1
Methylcyclohexane	0.00090	U	0.00090	0.00045	mg/Kg	☼	10/14/25 10:08	10/15/25 22:37	1
Methylene Chloride	**0.0016**	**J**	0.0018	0.0010	mg/Kg	☼	10/14/25 10:08	10/15/25 22:37	1
m-Xylene & p-Xylene	0.00090	U	0.00090	0.00038	mg/Kg	☼	10/14/25 10:08	10/15/25 22:37	1
n-Butylbenzene	0.00090	U	0.00090	0.00027	mg/Kg	☼	10/14/25 10:08	10/15/25 22:37	1
N-Propylbenzene	0.00090	U	0.00090	0.00041	mg/Kg	☼	10/14/25 10:08	10/15/25 22:37	1
o-Xylene	0.00090	U	0.00090	0.00042	mg/Kg	☼	10/14/25 10:08	10/15/25 22:37	1
sec-Butylbenzene	0.00090	U	0.00090	0.00026	mg/Kg	☼	10/14/25 10:08	10/15/25 22:37	1
Styrene	0.00090	U	0.00090	0.00025	mg/Kg	☼	10/14/25 10:08	10/15/25 22:37	1
tert-Butylbenzene	0.00090	U	0.00090	0.00025	mg/Kg	☼	10/14/25 10:08	10/15/25 22:37	1
Tetrachloroethene	0.00090	U	0.00090	0.00028	mg/Kg	☼	10/14/25 10:08	10/15/25 22:37	1
Toluene	0.00090	U	0.00090	0.00021	mg/Kg	☼	10/14/25 10:08	10/15/25 22:37	1
trans-1,2-Dichloroethene	0.00090	U	0.00090	0.00022	mg/Kg	☼	10/14/25 10:08	10/15/25 22:37	1
trans-1,3-Dichloropropene	0.00090	U	0.00090	0.00024	mg/Kg	☼	10/14/25 10:08	10/15/25 22:37	1
Trichloroethene	0.00090	U	0.00090	0.00029	mg/Kg	☼	10/14/25 10:08	10/15/25 22:37	1
Trichlorofluoromethane	0.00090	U	0.00090	0.00037	mg/Kg	☼	10/14/25 10:08	10/15/25 22:37	1
Vinyl chloride	0.00090	U	0.00090	0.00049	mg/Kg	☼	10/14/25 10:08	10/15/25 22:37	1
Xylenes, Total	0.0018	U	0.0018	0.00016	mg/Kg	☼	10/14/25 10:08	10/15/25 22:37	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,2-Dichloroethane-d4 (Surr)	*93*		*65 - 138*	*10/14/25 10:08*	*10/15/25 22:37*	*1*
4-Bromofluorobenzene	*99*		*71 - 128*	*10/14/25 10:08*	*10/15/25 22:37*	*1*
Dibromofluoromethane (Surr)	*100*		*50 - 150*	*10/14/25 10:08*	*10/15/25 22:37*	*1*
Toluene-d8 (Surr)	*102*		*71 - 126*	*10/14/25 10:08*	*10/15/25 22:37*	*1*

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Percent Moisture (EPA Moisture)	**1.8**		1.0	1.0	%			10/15/25 19:49	1
Percent Solids (EPA Moisture)	**98.2**		1.0	1.0	%			10/15/25 19:49	1

Surrogate Summary

Client: Haley & Aldrich, Inc.
Project/Site: Former Port Mobil

Job ID: 460-337049-1

Method: 8260D - Volatile Organic Compounds by GC/MS

Matrix: Solid

Prep Type: Total/NA

		Percent Surrogate Recovery (Acceptance Limits)			
		DCA	BFB	DBFM	TOL
Lab Sample ID	Client Sample ID	(65-138)	(71-128)	(50-150)	(71-126)
460-337049-1	52A_0-4	107	104	102	97
460-337049-2	52A_4-8	107	103	104	96
460-337049-3	52B_0-4	105	104	101	93
460-337049-4	52B_4-8	104	98	98	95
460-337049-5	52C_0-4	102	99	95	94
460-337049-6	52C_4-8	108	103	103	95
460-337049-7	52D_0-4	106	101	101	95
460-337049-8	52D_4-8	117	112	112	106
460-337049-9	52E_0-4	100	98	96	92
460-337049-10	52E_4-8	102	104	98	97
460-337049-11	51A_0-4	109	102	103	95
460-337049-12	51A_4-8	112	108	107	101
460-337049-13	51B_0-4	107	102	103	97
460-337049-14	51B_4-8	106	105	100	97
460-337049-15	51A1_3-4	105	103	117	93
460-337049-16	51A2_1-2	109	108	119	94
460-337049-17	51A3_2-3	105	103	117	92
460-337049-18	51A4_4-5	103	103	113	93
460-337049-19	51A5_5-6	106	104	118	93
460-337049-20	51A1_6-7	107	104	117	93
460-337049-21	51A2_3-4	106	104	113	93
460-337049-22	51B1_1-2	107	103	119	93
460-337049-23	51B2_2-3	104	103	115	92
460-337049-24	51B3_4-5	85	101	99	101
460-337049-25	51B4_5-6	85	92	96	98
460-337049-26	51B5_7-8	88	108	99	104
460-337049-27	51B1_5-6	88	101	98	100
460-337049-28	51B3_6-7	87	101	99	102
460-337049-29	52A1_1-2	85	93	98	99
460-337049-30	52A2_3-4	86	100	98	101
460-337049-31	52A3_2-3	85	93	98	100
460-337049-32	52A1_4-5	85	94	98	99
460-337049-33	52A2_5-6	86	94	99	100
460-337049-34	52A3_6-7	86	95	98	102
460-337049-35	52A1_7-8	87	98	99	101
460-337049-36	52B1_1-2	88	97	100	101
460-337049-37	52B2_2-3	84	95	97	100
460-337049-38	52B3_3-4	87	90	98	97
460-337049-39	52B1_5-6	88	103	103	105
460-337049-40	52B2_7-8	89	100	100	102
460-337049-41	52B3_4-5	87	104	99	101
460-337049-42	52B2_4-5	85	94	98	100
460-337049-43	52C1_2-3	87	96	99	100
460-337049-44	52C2_1-2	84	95	98	100
460-337049-45	52C3_4-5	87	96	99	100
460-337049-46	52C1_6-7	84	95	96	101
460-337049-47	52C2_5-6	108	103	104	96
460-337049-48	52C_7-8	84	98	98	101
460-337049-49	52C3_2-3	87	95	98	101

Method: 8260D - Volatile Organic Compounds by GC/MS (Continued)

Matrix: Solid **Prep Type: Total/NA**

		Percent Surrogate Recovery (Acceptance Limits)			
		DCA	BFB	DBFM	TOL
Lab Sample ID	Client Sample ID	(65-138)	(71-128)	(50-150)	(71-126)
460-337049-50	52D1_3-4	85	99	99	101
460-337049-51	52D2_1-2	83	92	97	99
460-337049-52	52D3_4-5	85	97	99	101
460-337049-53	52D1_5-6	84	99	98	101
460-337049-54	52D2_7-8	84	97	98	102
460-337049-55	52D3_5-6	84	93	97	101
460-337049-56	52D1_2-3	86	97	100	101
460-337049-57	52E1_2-3	86	98	98	101
460-337049-58	52E2_3-4	87	99	100	100
460-337049-59	52E3_1-2	84	94	100	99
460-337049-61	52E2_7-8	86	101	101	101
460-337049-62	52E3_6-7	93	98	99	100
460-337049-63	52E2_5-6	93	99	100	102
LB3 460-1068256/1-A	Method Blank	99	98	97	94
LB3 460-1068264/1-A	Method Blank	101	101	98	97
LCS 460-1068231/3	Lab Control Sample	95	105	99	95
LCS 460-1068238/3	Lab Control Sample	81	95	91	97
LCS 460-1068241/3	Lab Control Sample	79	94	91	97
LCS 460-1068499/3	Lab Control Sample	98	94	96	94
LCS 460-1068587/3	Lab Control Sample	81	96	93	96
LCSD 460-1068231/4	Lab Control Sample Dup	93	105	95	94
LCSD 460-1068238/4	Lab Control Sample Dup	79	94	90	98
LCSD 460-1068241/4	Lab Control Sample Dup	79	95	90	98
LCSD 460-1068499/4	Lab Control Sample Dup	97	92	93	92
LCSD 460-1068587/4	Lab Control Sample Dup	80	97	91	98
MB 460-1068231/7	Method Blank	104	102	112	92
MB 460-1068238/7	Method Blank	83	91	97	98
MB 460-1068241/7	Method Blank	83	92	94	98
MB 460-1068499/7	Method Blank	101	101	98	95
MB 460-1068587/7	Method Blank	88	91	97	99

Surrogate Legend

DCA = 1,2-Dichloroethane-d4 (Surr)
BFB = 4-Bromofluorobenzene
DBFM = Dibromofluoromethane (Surr)
TOL = Toluene-d8 (Surr)

Method: 8270E - Semivolatile Organic Compounds (GC/MS)

Matrix: Solid **Prep Type: Total/NA**

		Percent Surrogate Recovery (Acceptance Limits)					
		TBP	FBP	2FP	NBZ	PHL	TPHL
Lab Sample ID	Client Sample ID	(18-137)	(33-117)	(24-120)	(27-120)	(28-118)	(33-124)
460-337043-D-6-C MS	Matrix Spike	63	55	58	53	59	60
460-337043-D-6-D MSD	Matrix Spike Duplicate	78	71	74	66	73	75
460-337049-1	52A_0-4	64	62	63	56	62	65
460-337049-2	52A_4-8	76	69	68	60	70	75
460-337049-3	52B_0-4	70	63	62	55	63	66
460-337049-4	52B_4-8	69	60	61	53	61	64
460-337049-5	52C_0-4	70	65	62	56	61	73
460-337049-6	52C_4-8	72	67	68	61	67	72

Method: 8270E - Semivolatile Organic Compounds (GC/MS) (Continued)

Matrix: Solid

Prep Type: Total/NA

		Percent Surrogate Recovery (Acceptance Limits)					
		TBP	FBP	2FP	NBZ	PHL	TPHL
Lab Sample ID	Client Sample ID	(18-137)	(33-117)	(24-120)	(27-120)	(28-118)	(33-124)
460-337049-7	52D_0-4	69	66	65	60	63	72
460-337049-8	52D_4-8	78	72	68	63	66	80
460-337049-9	52E_0-4	73	69	68	62	66	77
460-337049-10	52E_4-8	65	58	61	53	61	58
460-337049-11	51A_0-4	80	76	78	71	77	81
460-337049-12	51A_4-8	95	88	91	82	88	94
460-337049-13	51B_0-4	73	69	69	62	66	73
460-337049-14	51B_4-8	75	70	69	65	68	73
LCS 460-1067940/2-A	Lab Control Sample	76	72	74	66	69	75
LCSD 460-1067940/3-A	Lab Control Sample Dup	74	69	74	67	70	76
MB 460-1067940/1-A	Method Blank	77	74	80	71	73	83

Surrogate Legend

TBP = 2,4,6-Tribromophenol (Surr)
FBP = 2-Fluorobiphenyl
2FP = 2-Fluorophenol (Surr)
NBZ = Nitrobenzene-d5 (Surr)
PHL = Phenol-d5 (Surr)
TPHL = Terphenyl-d14 (Surr)

Method: 8081B - Organochlorine Pesticides (GC)

Matrix: Solid

Prep Type: Total/NA

		Percent Surrogate Recovery (Acceptance Limits)			
		DCBP1	DCBP2	TCX1	TCX2
Lab Sample ID	Client Sample ID	(10-150)	(10-150)	(14-150)	(14-150)
460-337043-D-4-A MS	Matrix Spike	61	59	73	74
460-337043-D-4-B MSD	Matrix Spike Duplicate	59	60	69	77
460-337049-1	52A_0-4	81	84	101	105
460-337049-2	52A_4-8	90	91	108	110
460-337049-3	52B_0-4	91	97	114	120
460-337049-4	52B_4-8	83	91	103	104
460-337049-5	52C_0-4	71	71	91	98
460-337049-6	52C_4-8	75	189 *	109	113
460-337049-7	52D_0-4	89	89	112	111
460-337049-8	52D_4-8	92	87	116	111
460-337049-9	52E_0-4	88	88	115	110
460-337049-10	52E_4-8	89	89	112	108
460-337049-11	51A_0-4	95	95	117	114
460-337049-12	51A_4-8	106	106	133	127
460-337049-13	51B_0-4	101	97	124	123
460-337049-13 MS	51B_0-4	77	72	96	94
460-337049-13 MSD	51B_0-4	79	82	111	99
460-337049-14	51B_4-8	89	88	119	111
LCS 460-1067860/2-A	Lab Control Sample	73	75	89	91
LCS 460-1067877/2-A	Lab Control Sample	72	71	90	89
LCSD 460-1067860/3-A	Lab Control Sample Dup	72	73	86	87
LCSD 460-1067877/3-A	Lab Control Sample Dup	75	72	94	98
MB 460-1067860/1-A	Method Blank	88	93	105	107
MB 460-1067877/1-A	Method Blank	95	94	117	116

Surrogate Summary

Client: Haley & Aldrich, Inc.
Project/Site: Former Port Mobil

Job ID: 460-337049-1

Surrogate Legend

DCBP = DCB Decachlorobiphenyl
TCX = Tetrachloro-m-xylene

Method: 8082A - Polychlorinated Biphenyls (PCBs) by Gas Chromatography

Matrix: Solid

Prep Type: Total/NA

		Percent Surrogate Recovery (Acceptance Limits)			
		DCBP1	DCBP2	TCX1	TCX2
Lab Sample ID	Client Sample ID	(10-150)	(10-150)	(10-150)	(10-150)
460-337043-D-4-D MS	Matrix Spike	92	94	113	114
460-337043-D-4-E MSD	Matrix Spike Duplicate	85	83	100	101
460-337049-1	52A_0-4	107	104	132	134
460-337049-2	52A_4-8	111	109	135	138
460-337049-3	52B_0-4	125	122	151 *	156 *
460-337049-4	52B_4-8	101	98	124	125
460-337049-5	52C_0-4	92	90	111	115
460-337049-6	52C_4-8	124	117	154 *	150
460-337049-7	52D_0-4	96	99	126	122
460-337049-8	52D_4-8	98	100	131	127
460-337049-9	52E_0-4	94	95	127	118
460-337049-10	52E_4-8	95	94	125	120
460-337049-11	51A_0-4	102	100	133	128
460-337049-12	51A_4-8	101	103	134	124
460-337049-13	51B_0-4	98	99	130	122
460-337049-13 MS	51B_0-4	87	88	115	109
460-337049-13 MSD	51B_0-4	92	90	120	112
460-337049-14	51B_4-8	99	97	132	124
LCS 460-1067876/2-A	Lab Control Sample	84	83	102	106
LCS 460-1067879/2-A	Lab Control Sample	93	95	133	123
LCSD 460-1067876/3-A	Lab Control Sample Dup	90	88	111	113
LCSD 460-1067879/3-A	Lab Control Sample Dup	84	86	117	111
MB 460-1067876/1-A	Method Blank	99	100	121	124
MB 460-1067879/1-A	Method Blank	72	74	100	93

Surrogate Legend

DCBP = DCB Decachlorobiphenyl
TCX = Tetrachloro-m-xylene

Isotope Dilution Summary

Client: Haley & Aldrich, Inc.
Project/Site: Former Port Mobil

Job ID: 460-337049-1

Method: 1633A - Per- and Polyfluoroalkyl Substances by LC/MS/MS, 1633A

Matrix: Solid **Prep Type: Total/NA**

		Percent Isotope Dilution Recovery (Acceptance Limits)							
Lab Sample ID	Client Sample ID	PFBA (8-130)	PFPeA (35-130)	13C5PHA (40-130)	C4PFHA (40-130)	C8PFOA (40-130)	C9PFNA (40-130)	C6PFDA (40-130)	13C7PUA (40-130)
460-337049-1	52A_0-4	100	92.1	98.4	91.1	98.9	94.7	92.6	87.1
460-337049-2	52A_4-8	88.3	76.2	82.9	77.3	89.1	90.1	83.4	80.5
460-337049-3	52B_0-4	96.8	84.3	91.8	83.9	96.1	92.5	91.4	80.7
460-337049-4	52B_4-8	92.2	85.4	93.0	88.8	92.5	91.0	84.5	79.4
460-337049-5	52C_0-4	95.6	95.9	102	97.5	101	92.7	85.2	81.2
460-337049-6	52C_4-8	89.6	88.8	91.4	86.5	91.0	83.4	77.7	76.5
460-337049-7	52D_0-4	94.4	97.0	103	99.6	101	101	93.5	91.3
460-337049-8	52D_4-8	89.2	86.4	92.1	89.5	97.1	95.6	88.9	90.0
460-337049-9	52E_0-4	95.1	96.7	101	95.8	100	93.7	91.5	87.3
460-337049-10	52E_4-8	92.1	87.5	94.7	77.6	96.8	91.2	89.1	85.4
460-337049-11	51A_0-4	87.0	88.9	89.7	91.3	88.3	91.2	85.6	79.4
460-337049-12	51A_4-8	90.4	95.8	90.9	92.5	90.1	93.2	95.9	98.1
460-337049-13	51B_0-4	77.0	76.7	75.8	80.8	77.3	79.5	72.9	78.3
460-337049-14	51B_4-8	93.8	92.5	92.9	90.5	91.5	88.9	88.8	92.8
LCS 410-714445/2-A	Lab Control Sample	102	109	111	113	104	101	95.1	96.5
LCSD 410-714445/3-A	Lab Control Sample Dup	97.7	95.9	104	98.0	94.3	88.1	83.8	86.8
LLCS 410-714445/4-A	Lab Control Sample	90.9	93.1	89.5	87.1	86.8	82.5	82.6	80.2
MB 410-714445/1-A	Method Blank	104	98.7	104	103	100	93.1	91.1	91.2

		Percent Isotope Dilution Recovery (Acceptance Limits)							
Lab Sample ID	Client Sample ID	PFTDA (20-130)	C3PFBS (40-135)	C3PFHS (40-130)	C8PFOS (40-130)	PFOSA (40-130)	d3NMFOS (40-135)	d5NEFOS (40-150)	M242FTS (40-165)
460-337049-1	52A_0-4	73.8	83.3	86.4	83.7	91.1	89.5	81.5	162
460-337049-2	52A_4-8	76.8	88.4	86.8	82.5	97.0	92.9	85.2	210 *
460-337049-3	52B_0-4	82.2	92.8	92.6	83.6	104	106	100	208 *
460-337049-4	52B_4-8	69.5	88.4	88.0	82.4	86.8	85.4	78.3	138
460-337049-5	52C_0-4	67.2	78.7	83.1	79.7	83.0	90.0	81.1	131
460-337049-6	52C_4-8	69.5	74.7	72.1	68.9	71.7	70.9	66.6	110
460-337049-7	52D_0-4	78.8	78.0	82.0	82.7	89.6	89.5	79.0	110
460-337049-8	52D_4-8	77.8	78.4	81.6	79.8	85.9	81.0	77.1	114
460-337049-9	52E_0-4	77.9	79.4	82.9	83.7	89.1	88.5	80.7	105
460-337049-10	52E_4-8	80.0	77.9	85.7	79.5	99.5	92.3	92.6	132
460-337049-11	51A_0-4	44.3	84.9	84.5	81.9	84.2	63.5	56.4	109
460-337049-12	51A_4-8	80.1	86.8	90.8	87.0	80.0	88.9	84.0	126
460-337049-13	51B_0-4	58.5	78.6	76.7	75.1	66.7	71.9	75.4	170 *
460-337049-14	51B_4-8	73.6	91.8	89.2	82.2	79.3	93.8	99.2	232 *
LCS 410-714445/2-A	Lab Control Sample	82.2	98.1	96.0	89.4	91.3	84.0	72.3	96.8
LCSD 410-714445/3-A	Lab Control Sample Dup	75.2	96.6	90.6	76.6	76.8	74.6	64.8	95.9
LLCS 410-714445/4-A	Lab Control Sample	62.5	84.6	87.0	82.5	78.6	76.2	74.4	85.0
MB 410-714445/1-A	Method Blank	77.0	88.7	89.1	81.0	85.5	79.3	69.7	97.8

		Percent Isotope Dilution Recovery (Acceptance Limits)							
Lab Sample ID	Client Sample ID	M262FTS (40-215)	M282FTS (40-275)	HFPODA (40-130)	NMFM (20-130)	NEFM (15-130)	d5NPFSA (10-130)	d3NMFSA (10-130)	PFDoA (40-130)
460-337049-1	52A_0-4	162	174	99.6	46.4	32.4	71.0	74.0	83.7
460-337049-2	52A_4-8	215	233	84.4	49.6	37.1	74.7	76.9	74.5
460-337049-3	52B_0-4	231 *	258	85.8	48.1	38.5	71.6	75.9	83.2
460-337049-4	52B_4-8	143	170	91.3	29.3	22.8	70.0	72.1	69.2
460-337049-5	52C_0-4	129	175	99.0	52.0	35.7	68.9	71.4	75.8
460-337049-6	52C_4-8	109	132	91.7	46.6	40.1	58.8	63.5	71.5
460-337049-7	52D_0-4	106	157	102	64.5	58.6	79.3	83.0	89.2

Isotope Dilution Summary

Client: Haley & Aldrich, Inc.
Job ID: 460-337049-1
Project/Site: Former Port Mobil

Method: 1633A - Per- and Polyfluoroalkyl Substances by LC/MS/MS, 1633A (Continued)

Matrix: Solid **Prep Type: Total/NA**

		Percent Isotope Dilution Recovery (Acceptance Limits)							
Lab Sample ID	Client Sample ID	M262FTS (40-215)	M282FTS (40-275)	HFPODA (40-130)	NMFM (20-130)	NEFM (15-130)	d5NPFSA (10-130)	d3NMFSA (10-130)	PFDoA (40-130)
460-337049-8	52D_4-8	123	140	90.8	58.1	54.9	77.9	79.3	82.7
460-337049-9	52E_0-4	102	141	101	74.5	66.3	75.8	76.2	88.2
460-337049-10	52E_4-8	155	236	94.1	73.6	65.1	71.2	73.5	78.3
460-337049-11	51A_0-4	104	102	89.0	44.2	27.0	72.6	78.6	69.3
460-337049-12	51A_4-8	122	112	94.9	68.1	45.1	85.3	85.0	88.3
460-337049-13	51B_0-4	168	132	71.4	38.4	30.8	60.2	63.8	65.3
460-337049-14	51B_4-8	241 *	190	84.4	56.9	47.4	61.4	69.7	75.9
LCS 410-714445/2-A	Lab Control Sample	106	188	109	57.7	53.1	72.1	79.2	91.4
LCSD 410-714445/3-A	Lab Control Sample Dup	90.7	126	94.9	59.6	53.4	56.0	60.4	82.5
LLCS 410-714445/4-A	Lab Control Sample	82.4	88.3	88.5	46.8	36.7	63.4	63.7	78.6
MB 410-714445/1-A	Method Blank	95.6	116	103	62.7	56.1	61.7	70.4	87.0

Surrogate Legend

PFBA = 13C4 PFBA
PFPeA = 13C5 PFPeA
13C5PHA = 13C5 PFHxA
C4PFHA = 13C4 PFHpA
C8PFOA = 13C8 PFOA
C9PFNA = 13C9 PFNA
C6PFDA = 13C6 PFDA
13C7PUA = 13C7 PFUnA
PFTDA = 13C2 PFTeDA
C3PFBS = 13C3 PFBS
C3PFHS = 13C3 PFHxS
C8PFOS = 13C8 PFOS
PFOSA = 13C8 FOSA
d3NMFOS = d3-NMeFOSAA
d5NEFOS = d5-NEtFOSAA
M242FTS = 13C2 4:2 FTS
M262FTS = 13C2 6:2 FTS
M282FTS = 13C2 8:2 FTS
HFPODA = 13C3 HFPO-DA
NMFM = d7-N-MeFOSE-M
NEFM = d9-N-EtFOSE-M
d5NPFSA = d5-NEtPFOSA
d3NMFSA = d3-NMePFOSA
PFDoA = 13C2 PFDoA

Method: 8260D - Volatile Organic Compounds by GC/MS

Lab Sample ID: MB 460-1068231/7
Matrix: Solid
Analysis Batch: 1068231

Client Sample ID: Method Blank
Prep Type: Total/NA

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1-Trichloroethane	0.0010	U	0.0010	0.00023	mg/Kg			10/14/25 17:33	1
1,1,2,2-Tetrachloroethane	0.0010	U	0.0010	0.00052	mg/Kg			10/14/25 17:33	1
1,1,2-Trichloro-1,2,2-trifluoroethane	0.0010	U	0.0010	0.00030	mg/Kg			10/14/25 17:33	1
1,1,2-Trichloroethane	0.0010	U	0.0010	0.00060	mg/Kg			10/14/25 17:33	1
1,1-Dichloroethane	0.0010	U	0.0010	0.00060	mg/Kg			10/14/25 17:33	1
1,1-Dichloroethene	0.0010	U	0.0010	0.00023	mg/Kg			10/14/25 17:33	1
1,2,3-Trichlorobenzene	0.0010	U	0.0010	0.00074	mg/Kg			10/14/25 17:33	1
1,2,4-Trichlorobenzene	0.0010	U	0.0010	0.00036	mg/Kg			10/14/25 17:33	1
1,2,4-Trimethylbenzene	0.0010	U	0.0010	0.00025	mg/Kg			10/14/25 17:33	1
1,2-Dibromo-3-Chloropropane	0.0010	U	0.0010	0.00046	mg/Kg			10/14/25 17:33	1
1,2-Dichlorobenzene	0.0010	U	0.0010	0.00036	mg/Kg			10/14/25 17:33	1
1,2-Dichloroethane	0.0010	U	0.0010	0.00030	mg/Kg			10/14/25 17:33	1
1,2-Dichloropropane	0.0010	U	0.0010	0.00042	mg/Kg			10/14/25 17:33	1
1,3,5-Trimethylbenzene	0.0010	U	0.0010	0.00031	mg/Kg			10/14/25 17:33	1
1,3-Dichlorobenzene	0.0010	U	0.0010	0.00037	mg/Kg			10/14/25 17:33	1
1,4-Dichlorobenzene	0.0010	U	0.0010	0.00052	mg/Kg			10/14/25 17:33	1
2-Butanone (MEK)	0.0050	U	0.0050	0.00037	mg/Kg			10/14/25 17:33	1
2-Hexanone	0.0050	U	0.0050	0.0017	mg/Kg			10/14/25 17:33	1
4-Methyl-2-pentanone (MIBK)	0.0050	U	0.0050	0.0016	mg/Kg			10/14/25 17:33	1
Acetone	0.0060	U	0.0060	0.0057	mg/Kg			10/14/25 17:33	1
Benzene	0.0010	U	0.0010	0.00057	mg/Kg			10/14/25 17:33	1
Bromoform	0.0010	U	0.0010	0.00043	mg/Kg			10/14/25 17:33	1
Bromomethane	0.0020	U	0.0020	0.0010	mg/Kg			10/14/25 17:33	1
Carbon disulfide	0.0010	U	0.0010	0.00027	mg/Kg			10/14/25 17:33	1
Carbon tetrachloride	0.0010	U	0.0010	0.00039	mg/Kg			10/14/25 17:33	1
Chlorobenzene	0.0010	U	0.0010	0.00051	mg/Kg			10/14/25 17:33	1
Chlorobromomethane	0.0010	U	0.0010	0.00060	mg/Kg			10/14/25 17:33	1
Chlorodibromomethane	0.0010	U	0.0010	0.00054	mg/Kg			10/14/25 17:33	1
Chloroethane	0.0010	U	0.0010	0.00052	mg/Kg			10/14/25 17:33	1
Chloroform	0.0010	U	0.0010	0.00097	mg/Kg			10/14/25 17:33	1
Chloromethane	0.0010	U	0.0010	0.00044	mg/Kg			10/14/25 17:33	1
cis-1,2-Dichloroethene	0.0010	U	0.0010	0.00036	mg/Kg			10/14/25 17:33	1
cis-1,3-Dichloropropene	0.0010	U	0.0010	0.00027	mg/Kg			10/14/25 17:33	1
Cyclohexane	0.0010	U	0.0010	0.00022	mg/Kg			10/14/25 17:33	1
Dichlorobromomethane	0.0010	U	0.0010	0.00026	mg/Kg			10/14/25 17:33	1
Dichlorodifluoromethane	0.0010	U	0.0010	0.00034	mg/Kg			10/14/25 17:33	1
Ethylbenzene	0.0010	U	0.0010	0.00047	mg/Kg			10/14/25 17:33	1
Ethylene Dibromide	0.0010	U	0.0010	0.00050	mg/Kg			10/14/25 17:33	1
Isopropylbenzene	0.0010	U	0.0010	0.00029	mg/Kg			10/14/25 17:33	1
Methyl acetate	0.0050	U	0.0050	0.0043	mg/Kg			10/14/25 17:33	1
Methyl tert-butyl ether	0.0010	U	0.0010	0.00051	mg/Kg			10/14/25 17:33	1
Methylcyclohexane	0.0010	U	0.0010	0.00050	mg/Kg			10/14/25 17:33	1
Methylene Chloride	0.0020	U	0.0020	0.0011	mg/Kg			10/14/25 17:33	1
m-Xylene & p-Xylene	0.0010	U	0.0010	0.00042	mg/Kg			10/14/25 17:33	1
n-Butylbenzene	0.0010	U	0.0010	0.00029	mg/Kg			10/14/25 17:33	1
N-Propylbenzene	0.0010	U	0.0010	0.00045	mg/Kg			10/14/25 17:33	1
o-Xylene	0.0010	U	0.0010	0.00046	mg/Kg			10/14/25 17:33	1
sec-Butylbenzene	0.0010	U	0.0010	0.00029	mg/Kg			10/14/25 17:33	1

Method: 8260D - Volatile Organic Compounds by GC/MS (Continued)

Lab Sample ID: MB 460-1068231/7
Matrix: Solid
Analysis Batch: 1068231

Client Sample ID: Method Blank
Prep Type: Total/NA

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Styrene	0.0010	U	0.0010	0.00028	mg/Kg			10/14/25 17:33	1
tert-Butylbenzene	0.0010	U	0.0010	0.00028	mg/Kg			10/14/25 17:33	1
Tetrachloroethene	0.0010	U	0.0010	0.00031	mg/Kg			10/14/25 17:33	1
Toluene	0.0010	U	0.0010	0.00023	mg/Kg			10/14/25 17:33	1
trans-1,2-Dichloroethene	0.0010	U	0.0010	0.00025	mg/Kg			10/14/25 17:33	1
trans-1,3-Dichloropropene	0.0010	U	0.0010	0.00027	mg/Kg			10/14/25 17:33	1
Trichloroethene	0.0010	U	0.0010	0.00032	mg/Kg			10/14/25 17:33	1
Trichlorofluoromethane	0.0010	U	0.0010	0.00041	mg/Kg			10/14/25 17:33	1
Vinyl chloride	0.0010	U	0.0010	0.00055	mg/Kg			10/14/25 17:33	1
Xylenes, Total	0.0020	U	0.0020	0.00017	mg/Kg			10/14/25 17:33	1

Surrogate	*MB %Recovery*	*MB Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,2-Dichloroethane-d4 (Surr)	*104*		*65 - 138*		*10/14/25 17:33*	*1*
4-Bromofluorobenzene	*102*		*71 - 128*		*10/14/25 17:33*	*1*
Dibromofluoromethane (Surr)	*112*		*50 - 150*		*10/14/25 17:33*	*1*
Toluene-d8 (Surr)	*92*		*71 - 126*		*10/14/25 17:33*	*1*

Lab Sample ID: LCS 460-1068231/3
Matrix: Solid
Analysis Batch: 1068231

Client Sample ID: Lab Control Sample
Prep Type: Total/NA

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
1,1,1-Trichloroethane	0.0200	0.0167		mg/Kg		84	78 - 120
1,1,2,2-Tetrachloroethane	0.0200	0.0189		mg/Kg		95	70 - 133
1,1,2-Trichloro-1,2,2-trifluoroethane	0.0200	0.0160		mg/Kg		80	75 - 121
1,1,2-Trichloroethane	0.0200	0.0202		mg/Kg		101	80 - 120
1,1-Dichloroethane	0.0200	0.0173		mg/Kg		86	72 - 120
1,1-Dichloroethene	0.0200	0.0169		mg/Kg		84	76 - 120
1,2,3-Trichlorobenzene	0.0200	0.0219		mg/Kg		109	77 - 137
1,2,4-Trichlorobenzene	0.0200	0.0207		mg/Kg		103	77 - 136
1,2,4-Trimethylbenzene	0.0200	0.0187		mg/Kg		93	75 - 120
1,2-Dibromo-3-Chloropropane	0.0200	0.0183		mg/Kg		92	80 - 124
1,2-Dichlorobenzene	0.0200	0.0215		mg/Kg		108	80 - 120
1,2-Dichloroethane	0.0200	0.0195		mg/Kg		98	70 - 123
1,2-Dichloropropane	0.0200	0.0180		mg/Kg		90	73 - 124
1,3,5-Trimethylbenzene	0.0200	0.0181		mg/Kg		91	70 - 120
1,3-Dichlorobenzene	0.0200	0.0200		mg/Kg		100	80 - 120
1,4-Dichlorobenzene	0.0200	0.0208		mg/Kg		104	80 - 120
2-Butanone (MEK)	0.100	0.116		mg/Kg		116	64 - 128
2-Hexanone	0.100	0.123	*	mg/Kg		123	75 - 120
4-Methyl-2-pentanone (MIBK)	0.100	0.125	*	mg/Kg		125	80 - 120
Acetone	0.100	0.109		mg/Kg		109	58 - 122
Benzene	0.0200	0.0171		mg/Kg		85	75 - 120
Bromoform	0.0200	0.0195		mg/Kg		98	61 - 125
Bromomethane	0.0200	0.0266		mg/Kg		133	37 - 150
Carbon disulfide	0.0200	0.0160		mg/Kg		80	57 - 133
Carbon tetrachloride	0.0200	0.0155		mg/Kg		77	66 - 127
Chlorobenzene	0.0200	0.0189		mg/Kg		95	80 - 120

Method: 8260D - Volatile Organic Compounds by GC/MS (Continued)

Lab Sample ID: LCS 460-1068231/3
Matrix: Solid
Analysis Batch: 1068231

Client Sample ID: Lab Control Sample
Prep Type: Total/NA

Analyte			Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits		
Chlorobromomethane			0.0200	0.0220		mg/Kg		110	76 - 127		
Chlorodibromomethane			0.0200	0.0190		mg/Kg		95	72 - 120		
Chloroethane			0.0200	0.0205		mg/Kg		102	60 - 123		
Chloroform			0.0200	0.0189		mg/Kg		94	79 - 126		
Chloromethane			0.0200	0.0202		mg/Kg		101	46 - 122		
cis-1,2-Dichloroethene			0.0200	0.0195		mg/Kg		97	80 - 123		
cis-1,3-Dichloropropene			0.0200	0.0184		mg/Kg		92	75 - 120		
Cyclohexane			0.0200	0.0158		mg/Kg		79	65 - 132		
Dichlorobromomethane			0.0200	0.0196		mg/Kg		98	77 - 124		
Dichlorodifluoromethane			0.0200	0.0226		mg/Kg		113	45 - 129		
Ethylbenzene			0.0200	0.0184		mg/Kg		92	80 - 120		
Ethylene Dibromide			0.0200	0.0204		mg/Kg		102	79 - 120		
Isopropylbenzene			0.0200	0.0177		mg/Kg		88	74 - 120		
Methyl acetate			0.0400	0.0323		mg/Kg		81	57 - 120		
Methyl tert-butyl ether			0.0200	0.0192		mg/Kg		96	74 - 125		
Methylcyclohexane			0.0200	0.0156		mg/Kg		78	66 - 125		
Methylene Chloride			0.0200	0.0201		mg/Kg		101	78 - 120		
m-Xylene & p-Xylene			0.0200	0.0193		mg/Kg		96	80 - 120		
n-Butylbenzene			0.0200	0.0168		mg/Kg		84	72 - 120		
N-Propylbenzene			0.0200	0.0178		mg/Kg		89	68 - 120		
o-Xylene			0.0200	0.0197		mg/Kg		98	80 - 120		
sec-Butylbenzene			0.0200	0.0169		mg/Kg		85	78 - 120		
Styrene			0.0200	0.0192		mg/Kg		96	80 - 120		
tert-Butylbenzene			0.0200	0.0175		mg/Kg		88	80 - 120		
Tetrachloroethene			0.0200	0.0172		mg/Kg		86	73 - 120		
Toluene			0.0200	0.0178		mg/Kg		89	80 - 120		
trans-1,2-Dichloroethene			0.0200	0.0181		mg/Kg		90	78 - 120		
trans-1,3-Dichloropropene			0.0200	0.0185		mg/Kg		93	77 - 120		
Trichloroethene			0.0200	0.0177		mg/Kg		88	80 - 120		
Trichlorofluoromethane			0.0200	0.0191		mg/Kg		96	61 - 130		
Vinyl chloride			0.0200	0.0204		mg/Kg		102	54 - 122		
Xylenes, Total			0.0400	0.0390		mg/Kg		97	80 - 120		

Surrogate	*LCS %Recovery*	*LCS Qualifier*	*Limits*
1,2-Dichloroethane-d4 (Surr)	*95*		*65 - 138*
4-Bromofluorobenzene	*105*		*71 - 128*
Dibromofluoromethane (Surr)	*99*		*50 - 150*
Toluene-d8 (Surr)	*95*		*71 - 126*

Lab Sample ID: LCSD 460-1068231/4
Matrix: Solid
Analysis Batch: 1068231

Client Sample ID: Lab Control Sample Dup
Prep Type: Total/NA

Analyte			Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
1,1,1-Trichloroethane			0.0200	0.0185		mg/Kg		92	78 - 120	10	30
1,1,2,2-Tetrachloroethane			0.0200	0.0194		mg/Kg		97	70 - 133	2	30
1,1,2-Trichloro-1,2,2-trifluoroethane			0.0200	0.0193		mg/Kg		97	75 - 121	19	30
1,1,2-Trichloroethane			0.0200	0.0209		mg/Kg		105	80 - 120	4	30

Method: 8260D - Volatile Organic Compounds by GC/MS (Continued)

Lab Sample ID: LCSD 460-1068231/4
Matrix: Solid
Analysis Batch: 1068231

Client Sample ID: Lab Control Sample Dup
Prep Type: Total/NA

Analyte	Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
1,1-Dichloroethane	0.0200	0.0177		mg/Kg		88	72 - 120	2	30
1,1-Dichloroethene	0.0200	0.0184		mg/Kg		92	76 - 120	9	30
1,2,3-Trichlorobenzene	0.0200	0.0210		mg/Kg		105	77 - 137	4	30
1,2,4-Trichlorobenzene	0.0200	0.0199		mg/Kg		100	77 - 136	4	30
1,2,4-Trimethylbenzene	0.0200	0.0188		mg/Kg		94	75 - 120	1	30
1,2-Dibromo-3-Chloropropane	0.0200	0.0188		mg/Kg		94	80 - 124	2	30
1,2-Dichlorobenzene	0.0200	0.0217		mg/Kg		108	80 - 120	1	30
1,2-Dichloroethane	0.0200	0.0188		mg/Kg		94	70 - 123	4	30
1,2-Dichloropropane	0.0200	0.0182		mg/Kg		91	73 - 124	1	30
1,3,5-Trimethylbenzene	0.0200	0.0186		mg/Kg		93	70 - 120	2	30
1,3-Dichlorobenzene	0.0200	0.0197		mg/Kg		99	80 - 120	1	30
1,4-Dichlorobenzene	0.0200	0.0202		mg/Kg		101	80 - 120	3	30
2-Butanone (MEK)	0.100	0.111		mg/Kg		111	64 - 128	5	30
2-Hexanone	0.100	0.117		mg/Kg		117	75 - 120	5	30
4-Methyl-2-pentanone (MIBK)	0.100	0.121	*	mg/Kg		121	80 - 120	3	30
Acetone	0.100	0.105		mg/Kg		105	58 - 122	4	30
Benzene	0.0200	0.0180		mg/Kg		90	75 - 120	5	30
Bromoform	0.0200	0.0196		mg/Kg		98	61 - 125	0	30
Bromomethane	0.0200	0.0238		mg/Kg		119	37 - 150	11	30
Carbon disulfide	0.0200	0.0174		mg/Kg		87	57 - 133	8	30
Carbon tetrachloride	0.0200	0.0177		mg/Kg		88	66 - 127	13	30
Chlorobenzene	0.0200	0.0190		mg/Kg		95	80 - 120	1	30
Chlorobromomethane	0.0200	0.0212		mg/Kg		106	76 - 127	4	30
Chlorodibromomethane	0.0200	0.0196		mg/Kg		98	72 - 120	3	30
Chloroethane	0.0200	0.0189		mg/Kg		94	60 - 123	8	30
Chloroform	0.0200	0.0186		mg/Kg		93	79 - 126	2	30
Chloromethane	0.0200	0.0194		mg/Kg		97	46 - 122	4	30
cis-1,2-Dichloroethene	0.0200	0.0197		mg/Kg		99	80 - 123	1	30
cis-1,3-Dichloropropene	0.0200	0.0191		mg/Kg		96	75 - 120	4	30
Cyclohexane	0.0200	0.0192		mg/Kg		96	65 - 132	20	30
Dichlorobromomethane	0.0200	0.0193		mg/Kg		97	77 - 124	1	30
Dichlorodifluoromethane	0.0200	0.0228		mg/Kg		114	45 - 129	1	30
Ethylbenzene	0.0200	0.0193		mg/Kg		96	80 - 120	5	30
Ethylene Dibromide	0.0200	0.0212		mg/Kg		106	79 - 120	4	30
Isopropylbenzene	0.0200	0.0187		mg/Kg		94	74 - 120	6	30
Methyl acetate	0.0400	0.0323		mg/Kg		81	57 - 120	0	30
Methyl tert-butyl ether	0.0200	0.0196		mg/Kg		98	74 - 125	2	30
Methylcyclohexane	0.0200	0.0191		mg/Kg		95	66 - 125	20	30
Methylene Chloride	0.0200	0.0199		mg/Kg		99	78 - 120	1	30
m-Xylene & p-Xylene	0.0200	0.0198		mg/Kg		99	80 - 120	3	30
n-Butylbenzene	0.0200	0.0175		mg/Kg		88	72 - 120	5	30
N-Propylbenzene	0.0200	0.0187		mg/Kg		94	68 - 120	5	30
o-Xylene	0.0200	0.0200		mg/Kg		100	80 - 120	1	30
sec-Butylbenzene	0.0200	0.0183		mg/Kg		92	78 - 120	8	30
Styrene	0.0200	0.0192		mg/Kg		96	80 - 120	0	30
tert-Butylbenzene	0.0200	0.0186		mg/Kg		93	80 - 120	6	30
Tetrachloroethene	0.0200	0.0196		mg/Kg		98	73 - 120	13	30
Toluene	0.0200	0.0185		mg/Kg		92	80 - 120	4	30
trans-1,2-Dichloroethene	0.0200	0.0188		mg/Kg		94	78 - 120	4	30

Method: 8260D - Volatile Organic Compounds by GC/MS (Continued)

Lab Sample ID: LCSD 460-1068231/4
Matrix: Solid
Analysis Batch: 1068231

Client Sample ID: Lab Control Sample Dup
Prep Type: Total/NA

Analyte			Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
trans-1,3-Dichloropropene			0.0200	0.0190		mg/Kg		95	77 - 120	3	30
Trichloroethene			0.0200	0.0195		mg/Kg		97	80 - 120	10	30
Trichlorofluoromethane			0.0200	0.0201		mg/Kg		100	61 - 130	5	30
Vinyl chloride			0.0200	0.0205		mg/Kg		102	54 - 122	0	30
Xylenes, Total			0.0400	0.0398		mg/Kg		99	80 - 120	2	30

Surrogate	*LCSD %Recovery*	*LCSD Qualifier*	*Limits*
1,2-Dichloroethane-d4 (Surr)	*93*		*65 - 138*
4-Bromofluorobenzene	*105*		*71 - 128*
Dibromofluoromethane (Surr)	*95*		*50 - 150*
Toluene-d8 (Surr)	*94*		*71 - 126*

Lab Sample ID: MB 460-1068238/7
Matrix: Solid
Analysis Batch: 1068238

Client Sample ID: Method Blank
Prep Type: Total/NA

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1-Trichloroethane	0.0010	U	0.0010	0.00023	mg/Kg			10/14/25 21:47	1
1,1,2,2-Tetrachloroethane	0.0010	U	0.0010	0.00052	mg/Kg			10/14/25 21:47	1
1,1,2-Trichloro-1,2,2-trifluoroethane	0.0010	U	0.0010	0.00030	mg/Kg			10/14/25 21:47	1
1,1,2-Trichloroethane	0.0010	U	0.0010	0.00060	mg/Kg			10/14/25 21:47	1
1,1-Dichloroethane	0.0010	U	0.0010	0.00060	mg/Kg			10/14/25 21:47	1
1,1-Dichloroethene	0.0010	U	0.0010	0.00023	mg/Kg			10/14/25 21:47	1
1,2,3-Trichlorobenzene	0.0010	U	0.0010	0.00074	mg/Kg			10/14/25 21:47	1
1,2,4-Trichlorobenzene	0.0010	U	0.0010	0.00036	mg/Kg			10/14/25 21:47	1
1,2,4-Trimethylbenzene	0.0010	U	0.0010	0.00025	mg/Kg			10/14/25 21:47	1
1,2-Dibromo-3-Chloropropane	0.0010	U	0.0010	0.00046	mg/Kg			10/14/25 21:47	1
1,2-Dichlorobenzene	0.0010	U	0.0010	0.00036	mg/Kg			10/14/25 21:47	1
1,2-Dichloroethane	0.0010	U	0.0010	0.00030	mg/Kg			10/14/25 21:47	1
1,2-Dichloropropane	0.0010	U	0.0010	0.00042	mg/Kg			10/14/25 21:47	1
1,3,5-Trimethylbenzene	0.0010	U	0.0010	0.00031	mg/Kg			10/14/25 21:47	1
1,3-Dichlorobenzene	0.0010	U	0.0010	0.00037	mg/Kg			10/14/25 21:47	1
1,4-Dichlorobenzene	0.0010	U	0.0010	0.00052	mg/Kg			10/14/25 21:47	1
2-Butanone (MEK)	0.0050	U	0.0050	0.00037	mg/Kg			10/14/25 21:47	1
2-Hexanone	0.0050	U	0.0050	0.0017	mg/Kg			10/14/25 21:47	1
4-Methyl-2-pentanone (MIBK)	0.0050	U	0.0050	0.0016	mg/Kg			10/14/25 21:47	1
Acetone	0.0060	U	0.0060	0.0057	mg/Kg			10/14/25 21:47	1
Benzene	0.0010	U	0.0010	0.00057	mg/Kg			10/14/25 21:47	1
Bromoform	0.0010	U	0.0010	0.00043	mg/Kg			10/14/25 21:47	1
Bromomethane	0.0020	U	0.0020	0.0010	mg/Kg			10/14/25 21:47	1
Carbon disulfide	0.0010	U	0.0010	0.00027	mg/Kg			10/14/25 21:47	1
Carbon tetrachloride	0.0010	U	0.0010	0.00039	mg/Kg			10/14/25 21:47	1
Chlorobenzene	0.0010	U	0.0010	0.00051	mg/Kg			10/14/25 21:47	1
Chlorobromomethane	0.0010	U	0.0010	0.00060	mg/Kg			10/14/25 21:47	1
Chlorodibromomethane	0.0010	U	0.0010	0.00054	mg/Kg			10/14/25 21:47	1
Chloroethane	0.0010	U	0.0010	0.00052	mg/Kg			10/14/25 21:47	1
Chloroform	0.0010	U	0.0010	0.00097	mg/Kg			10/14/25 21:47	1
Chloromethane	0.0010	U	0.0010	0.00044	mg/Kg			10/14/25 21:47	1

Method: 8260D - Volatile Organic Compounds by GC/MS (Continued)

Lab Sample ID: MB 460-1068238/7
Matrix: Solid
Analysis Batch: 1068238

Client Sample ID: Method Blank
Prep Type: Total/NA

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
cis-1,2-Dichloroethene	0.0010	U	0.0010	0.00036	mg/Kg			10/14/25 21:47	1
cis-1,3-Dichloropropene	0.0010	U	0.0010	0.00027	mg/Kg			10/14/25 21:47	1
Cyclohexane	0.0010	U	0.0010	0.00022	mg/Kg			10/14/25 21:47	1
Dichlorobromomethane	0.0010	U	0.0010	0.00026	mg/Kg			10/14/25 21:47	1
Dichlorodifluoromethane	0.0010	U	0.0010	0.00034	mg/Kg			10/14/25 21:47	1
Ethylbenzene	0.0010	U	0.0010	0.00047	mg/Kg			10/14/25 21:47	1
Ethylene Dibromide	0.0010	U	0.0010	0.00050	mg/Kg			10/14/25 21:47	1
Isopropylbenzene	0.0010	U	0.0010	0.00029	mg/Kg			10/14/25 21:47	1
Methyl acetate	0.0050	U	0.0050	0.0043	mg/Kg			10/14/25 21:47	1
Methyl tert-butyl ether	0.0010	U	0.0010	0.00051	mg/Kg			10/14/25 21:47	1
Methylcyclohexane	0.0010	U	0.0010	0.00050	mg/Kg			10/14/25 21:47	1
Methylene Chloride	0.0020	U	0.0020	0.0011	mg/Kg			10/14/25 21:47	1
m-Xylene & p-Xylene	0.0010	U	0.0010	0.00042	mg/Kg			10/14/25 21:47	1
n-Butylbenzene	0.0010	U	0.0010	0.00029	mg/Kg			10/14/25 21:47	1
N-Propylbenzene	0.0010	U	0.0010	0.00045	mg/Kg			10/14/25 21:47	1
o-Xylene	0.0010	U	0.0010	0.00046	mg/Kg			10/14/25 21:47	1
sec-Butylbenzene	0.0010	U	0.0010	0.00029	mg/Kg			10/14/25 21:47	1
Styrene	0.0010	U	0.0010	0.00028	mg/Kg			10/14/25 21:47	1
tert-Butylbenzene	0.0010	U	0.0010	0.00028	mg/Kg			10/14/25 21:47	1
Tetrachloroethene	0.0010	U	0.0010	0.00031	mg/Kg			10/14/25 21:47	1
Toluene	0.0010	U	0.0010	0.00023	mg/Kg			10/14/25 21:47	1
trans-1,2-Dichloroethene	0.0010	U	0.0010	0.00025	mg/Kg			10/14/25 21:47	1
trans-1,3-Dichloropropene	0.0010	U	0.0010	0.00027	mg/Kg			10/14/25 21:47	1
Trichloroethene	0.0010	U	0.0010	0.00032	mg/Kg			10/14/25 21:47	1
Trichlorofluoromethane	0.0010	U	0.0010	0.00041	mg/Kg			10/14/25 21:47	1
Vinyl chloride	0.0010	U	0.0010	0.00055	mg/Kg			10/14/25 21:47	1
Xylenes, Total	0.0020	U	0.0020	0.00017	mg/Kg			10/14/25 21:47	1

Surrogate	*MB %Recovery*	*MB Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,2-Dichloroethane-d4 (Surr)	*83*		*65 - 138*		*10/14/25 21:47*	*1*
4-Bromofluorobenzene	*91*		*71 - 128*		*10/14/25 21:47*	*1*
Dibromofluoromethane (Surr)	*97*		*50 - 150*		*10/14/25 21:47*	*1*
Toluene-d8 (Surr)	*98*		*71 - 126*		*10/14/25 21:47*	*1*

Lab Sample ID: LCS 460-1068238/3
Matrix: Solid
Analysis Batch: 1068238

Client Sample ID: Lab Control Sample
Prep Type: Total/NA

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
1,1,1-Trichloroethane	0.0200	0.0163		mg/Kg		82	78 - 120
1,1,2,2-Tetrachloroethane	0.0200	0.0213		mg/Kg		106	70 - 133
1,1,2-Trichloro-1,2,2-trifluoroethane	0.0200	0.0188		mg/Kg		94	75 - 121
1,1,2-Trichloroethane	0.0200	0.0202		mg/Kg		101	80 - 120
1,1-Dichloroethane	0.0200	0.0179		mg/Kg		90	72 - 120
1,1-Dichloroethene	0.0200	0.0201		mg/Kg		100	76 - 120
1,2,3-Trichlorobenzene	0.0200	0.0197		mg/Kg		99	77 - 137
1,2,4-Trichlorobenzene	0.0200	0.0189		mg/Kg		95	77 - 136
1,2,4-Trimethylbenzene	0.0200	0.0196		mg/Kg		98	75 - 120

Method: 8260D - Volatile Organic Compounds by GC/MS (Continued)

Lab Sample ID: LCS 460-1068238/3
Matrix: Solid
Analysis Batch: 1068238

Client Sample ID: Lab Control Sample
Prep Type: Total/NA

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
1,2-Dibromo-3-Chloropropane	0.0200	0.0197		mg/Kg		99	80 - 124
1,2-Dichlorobenzene	0.0200	0.0206		mg/Kg		103	80 - 120
1,2-Dichloroethane	0.0200	0.0157		mg/Kg		79	70 - 123
1,2-Dichloropropane	0.0200	0.0183		mg/Kg		91	73 - 124
1,3,5-Trimethylbenzene	0.0200	0.0196		mg/Kg		98	70 - 120
1,3-Dichlorobenzene	0.0200	0.0209		mg/Kg		105	80 - 120
1,4-Dichlorobenzene	0.0200	0.0204		mg/Kg		102	80 - 120
2-Butanone (MEK)	0.100	0.119		mg/Kg		119	64 - 128
2-Hexanone	0.100	0.101		mg/Kg		101	75 - 120
4-Methyl-2-pentanone (MIBK)	0.100	0.103		mg/Kg		103	80 - 120
Acetone	0.100	0.100		mg/Kg		100	58 - 122
Benzene	0.0200	0.0191		mg/Kg		96	75 - 120
Bromoform	0.0200	0.0191		mg/Kg		95	61 - 125
Bromomethane	0.0200	0.0179		mg/Kg		90	37 - 150
Carbon disulfide	0.0200	0.0179		mg/Kg		89	57 - 133
Carbon tetrachloride	0.0200	0.0158		mg/Kg		79	66 - 127
Chlorobenzene	0.0200	0.0197		mg/Kg		99	80 - 120
Chlorobromomethane	0.0200	0.0205		mg/Kg		102	76 - 127
Chlorodibromomethane	0.0200	0.0189		mg/Kg		95	72 - 120
Chloroethane	0.0200	0.0161		mg/Kg		80	60 - 123
Chloroform	0.0200	0.0179		mg/Kg		90	79 - 126
Chloromethane	0.0200	0.0214		mg/Kg		107	46 - 122
cis-1,2-Dichloroethene	0.0200	0.0190		mg/Kg		95	80 - 123
cis-1,3-Dichloropropene	0.0200	0.0182		mg/Kg		91	75 - 120
Cyclohexane	0.0200	0.0190		mg/Kg		95	65 - 132
Dichlorobromomethane	0.0200	0.0176		mg/Kg		88	77 - 124
Dichlorodifluoromethane	0.0200	0.0242		mg/Kg		121	45 - 129
Ethylbenzene	0.0200	0.0194		mg/Kg		97	80 - 120
Ethylene Dibromide	0.0200	0.0202		mg/Kg		101	79 - 120
Isopropylbenzene	0.0200	0.0193		mg/Kg		97	74 - 120
Methyl acetate	0.0400	0.0331		mg/Kg		83	57 - 120
Methyl tert-butyl ether	0.0200	0.0182		mg/Kg		91	74 - 125
Methylcyclohexane	0.0200	0.0189		mg/Kg		95	66 - 125
Methylene Chloride	0.0200	0.0209		mg/Kg		105	78 - 120
m-Xylene & p-Xylene	0.0200	0.0194		mg/Kg		97	80 - 120
n-Butylbenzene	0.0200	0.0199		mg/Kg		100	72 - 120
N-Propylbenzene	0.0200	0.0197		mg/Kg		98	68 - 120
o-Xylene	0.0200	0.0202		mg/Kg		101	80 - 120
sec-Butylbenzene	0.0200	0.0201		mg/Kg		100	78 - 120
Styrene	0.0200	0.0200		mg/Kg		100	80 - 120
tert-Butylbenzene	0.0200	0.0201		mg/Kg		100	80 - 120
Tetrachloroethene	0.0200	0.0179		mg/Kg		89	73 - 120
Toluene	0.0200	0.0185		mg/Kg		92	80 - 120
trans-1,2-Dichloroethene	0.0200	0.0192		mg/Kg		96	78 - 120
trans-1,3-Dichloropropene	0.0200	0.0172		mg/Kg		86	77 - 120
Trichloroethene	0.0200	0.0180		mg/Kg		90	80 - 120
Trichlorofluoromethane	0.0200	0.0192		mg/Kg		96	61 - 130
Vinyl chloride	0.0200	0.0203		mg/Kg		101	54 - 122
Xylenes, Total	0.0400	0.0396		mg/Kg		99	80 - 120

Method: 8260D - Volatile Organic Compounds by GC/MS (Continued)

Surrogate	LCS %Recovery	LCS Qualifier	Limits
1,2-Dichloroethane-d4 (Surr)	81		65 - 138
4-Bromofluorobenzene	95		71 - 128
Dibromofluoromethane (Surr)	91		50 - 150
Toluene-d8 (Surr)	97		71 - 126

Lab Sample ID: LCSD 460-1068238/4
Matrix: Solid
Analysis Batch: 1068238

Client Sample ID: Lab Control Sample Dup
Prep Type: Total/NA

Analyte			Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
1,1,1-Trichloroethane			0.0200	0.0175		mg/Kg		88	78 - 120	7	30
1,1,2,2-Tetrachloroethane			0.0200	0.0212		mg/Kg		106	70 - 133	1	30
1,1,2-Trichloro-1,2,2-trifluoroethane			0.0200	0.0207		mg/Kg		104	75 - 121	10	30
1,1,2-Trichloroethane			0.0200	0.0213		mg/Kg		106	80 - 120	5	30
1,1-Dichloroethane			0.0200	0.0190		mg/Kg		95	72 - 120	6	30
1,1-Dichloroethene			0.0200	0.0215		mg/Kg		108	76 - 120	7	30
1,2,3-Trichlorobenzene			0.0200	0.0203		mg/Kg		101	77 - 137	3	30
1,2,4-Trichlorobenzene			0.0200	0.0196		mg/Kg		98	77 - 136	3	30
1,2,4-Trimethylbenzene			0.0200	0.0211		mg/Kg		106	75 - 120	8	30
1,2-Dibromo-3-Chloropropane			0.0200	0.0197		mg/Kg		99	80 - 124	0	30
1,2-Dichlorobenzene			0.0200	0.0214		mg/Kg		107	80 - 120	4	30
1,2-Dichloroethane			0.0200	0.0163		mg/Kg		81	70 - 123	4	30
1,2-Dichloropropane			0.0200	0.0192		mg/Kg		96	73 - 124	5	30
1,3,5-Trimethylbenzene			0.0200	0.0211		mg/Kg		106	70 - 120	8	30
1,3-Dichlorobenzene			0.0200	0.0219		mg/Kg		110	80 - 120	5	30
1,4-Dichlorobenzene			0.0200	0.0209		mg/Kg		105	80 - 120	3	30
2-Butanone (MEK)			0.100	0.122		mg/Kg		122	64 - 128	3	30
2-Hexanone			0.100	0.106		mg/Kg		106	75 - 120	4	30
4-Methyl-2-pentanone (MIBK)			0.100	0.106		mg/Kg		106	80 - 120	3	30
Acetone			0.100	0.106		mg/Kg		106	58 - 122	6	30
Benzene			0.0200	0.0204		mg/Kg		102	75 - 120	7	30
Bromoform			0.0200	0.0198		mg/Kg		99	61 - 125	4	30
Bromomethane			0.0200	0.0191		mg/Kg		96	37 - 150	6	30
Carbon disulfide			0.0200	0.0193		mg/Kg		97	57 - 133	8	30
Carbon tetrachloride			0.0200	0.0172		mg/Kg		86	66 - 127	8	30
Chlorobenzene			0.0200	0.0207		mg/Kg		104	80 - 120	5	30
Chlorobromomethane			0.0200	0.0214		mg/Kg		107	76 - 127	4	30
Chlorodibromomethane			0.0200	0.0198		mg/Kg		99	72 - 120	4	30
Chloroethane			0.0200	0.0185		mg/Kg		92	60 - 123	14	30
Chloroform			0.0200	0.0186		mg/Kg		93	79 - 126	4	30
Chloromethane			0.0200	0.0233		mg/Kg		117	46 - 122	8	30
cis-1,2-Dichloroethene			0.0200	0.0199		mg/Kg		100	80 - 123	5	30
cis-1,3-Dichloropropene			0.0200	0.0193		mg/Kg		96	75 - 120	5	30
Cyclohexane			0.0200	0.0202		mg/Kg		101	65 - 132	6	30
Dichlorobromomethane			0.0200	0.0178		mg/Kg		89	77 - 124	1	30
Dichlorodifluoromethane			0.0200	0.0282	*	mg/Kg		141	45 - 129	15	30
Ethylbenzene			0.0200	0.0208		mg/Kg		104	80 - 120	7	30
Ethylene Dibromide			0.0200	0.0209		mg/Kg		105	79 - 120	4	30
Isopropylbenzene			0.0200	0.0207		mg/Kg		103	74 - 120	7	30
Methyl acetate			0.0400	0.0332		mg/Kg		83	57 - 120	0	30
Methyl tert-butyl ether			0.0200	0.0186		mg/Kg		93	74 - 125	3	30

Method: 8260D - Volatile Organic Compounds by GC/MS (Continued)

Lab Sample ID: LCSD 460-1068238/4
Matrix: Solid
Analysis Batch: 1068238

Client Sample ID: Lab Control Sample Dup
Prep Type: Total/NA

Analyte			Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Methylcyclohexane			0.0200	0.0204		mg/Kg		102	66 - 125	8	30
Methylene Chloride			0.0200	0.0217		mg/Kg		108	78 - 120	3	30
m-Xylene & p-Xylene			0.0200	0.0208		mg/Kg		104	80 - 120	7	30
n-Butylbenzene			0.0200	0.0213		mg/Kg		106	72 - 120	7	30
N-Propylbenzene			0.0200	0.0211		mg/Kg		105	68 - 120	7	30
o-Xylene			0.0200	0.0216		mg/Kg		108	80 - 120	6	30
sec-Butylbenzene			0.0200	0.0216		mg/Kg		108	78 - 120	7	30
Styrene			0.0200	0.0213		mg/Kg		106	80 - 120	6	30
tert-Butylbenzene			0.0200	0.0212		mg/Kg		106	80 - 120	5	30
Tetrachloroethene			0.0200	0.0194		mg/Kg		97	73 - 120	8	30
Toluene			0.0200	0.0199		mg/Kg		100	80 - 120	8	30
trans-1,2-Dichloroethene			0.0200	0.0204		mg/Kg		102	78 - 120	6	30
trans-1,3-Dichloropropene			0.0200	0.0182		mg/Kg		91	77 - 120	5	30
Trichloroethene			0.0200	0.0190		mg/Kg		95	80 - 120	6	30
Trichlorofluoromethane			0.0200	0.0220		mg/Kg		110	61 - 130	13	30
Vinyl chloride			0.0200	0.0226		mg/Kg		113	54 - 122	11	30
Xylenes, Total			0.0400	0.0424		mg/Kg		106	80 - 120	7	30

Surrogate	*LCSD %Recovery*	*LCSD Qualifier*	*Limits*
1,2-Dichloroethane-d4 (Surr)	*79*		*65 - 138*
4-Bromofluorobenzene	*94*		*71 - 128*
Dibromofluoromethane (Surr)	*90*		*50 - 150*
Toluene-d8 (Surr)	*98*		*71 - 126*

Lab Sample ID: MB 460-1068241/7
Matrix: Solid
Analysis Batch: 1068241

Client Sample ID: Method Blank
Prep Type: Total/NA

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1-Trichloroethane	0.0010	U	0.0010	0.00023	mg/Kg			10/15/25 09:03	1
1,1,2,2-Tetrachloroethane	0.0010	U	0.0010	0.00052	mg/Kg			10/15/25 09:03	1
1,1,2-Trichloro-1,2,2-trifluoroethane	0.0010	U	0.0010	0.00030	mg/Kg			10/15/25 09:03	1
1,1,2-Trichloroethane	0.0010	U	0.0010	0.00060	mg/Kg			10/15/25 09:03	1
1,1-Dichloroethane	0.0010	U	0.0010	0.00060	mg/Kg			10/15/25 09:03	1
1,1-Dichloroethene	0.0010	U	0.0010	0.00023	mg/Kg			10/15/25 09:03	1
1,2,3-Trichlorobenzene	0.0010	U	0.0010	0.00074	mg/Kg			10/15/25 09:03	1
1,2,4-Trichlorobenzene	0.0010	U	0.0010	0.00036	mg/Kg			10/15/25 09:03	1
1,2,4-Trimethylbenzene	0.0010	U	0.0010	0.00025	mg/Kg			10/15/25 09:03	1
1,2-Dibromo-3-Chloropropane	0.0010	U	0.0010	0.00046	mg/Kg			10/15/25 09:03	1
1,2-Dichlorobenzene	0.0010	U	0.0010	0.00036	mg/Kg			10/15/25 09:03	1
1,2-Dichloroethane	0.0010	U	0.0010	0.00030	mg/Kg			10/15/25 09:03	1
1,2-Dichloropropane	0.0010	U	0.0010	0.00042	mg/Kg			10/15/25 09:03	1
1,3,5-Trimethylbenzene	0.0010	U	0.0010	0.00031	mg/Kg			10/15/25 09:03	1
1,3-Dichlorobenzene	0.0010	U	0.0010	0.00037	mg/Kg			10/15/25 09:03	1
1,4-Dichlorobenzene	0.0010	U	0.0010	0.00052	mg/Kg			10/15/25 09:03	1
2-Butanone (MEK)	0.0050	U	0.0050	0.00037	mg/Kg			10/15/25 09:03	1
2-Hexanone	0.0050	U	0.0050	0.0017	mg/Kg			10/15/25 09:03	1
4-Methyl-2-pentanone (MIBK)	0.0050	U	0.0050	0.0016	mg/Kg			10/15/25 09:03	1

Method: 8260D - Volatile Organic Compounds by GC/MS (Continued)

Lab Sample ID: MB 460-1068241/7
Matrix: Solid
Analysis Batch: 1068241

Client Sample ID: Method Blank
Prep Type: Total/NA

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Acetone	0.0060	U	0.0060	0.0057	mg/Kg			10/15/25 09:03	1
Benzene	0.0010	U	0.0010	0.00057	mg/Kg			10/15/25 09:03	1
Bromoform	0.0010	U	0.0010	0.00043	mg/Kg			10/15/25 09:03	1
Bromomethane	0.0020	U	0.0020	0.0010	mg/Kg			10/15/25 09:03	1
Carbon disulfide	0.0010	U	0.0010	0.00027	mg/Kg			10/15/25 09:03	1
Carbon tetrachloride	0.0010	U	0.0010	0.00039	mg/Kg			10/15/25 09:03	1
Chlorobenzene	0.0010	U	0.0010	0.00051	mg/Kg			10/15/25 09:03	1
Chlorobromomethane	0.0010	U	0.0010	0.00060	mg/Kg			10/15/25 09:03	1
Chlorodibromomethane	0.0010	U	0.0010	0.00054	mg/Kg			10/15/25 09:03	1
Chloroethane	0.0010	U	0.0010	0.00052	mg/Kg			10/15/25 09:03	1
Chloroform	0.0010	U	0.0010	0.00097	mg/Kg			10/15/25 09:03	1
Chloromethane	0.0010	U	0.0010	0.00044	mg/Kg			10/15/25 09:03	1
cis-1,2-Dichloroethene	0.0010	U	0.0010	0.00036	mg/Kg			10/15/25 09:03	1
cis-1,3-Dichloropropene	0.0010	U	0.0010	0.00027	mg/Kg			10/15/25 09:03	1
Cyclohexane	0.0010	U	0.0010	0.00022	mg/Kg			10/15/25 09:03	1
Dichlorobromomethane	0.0010	U	0.0010	0.00026	mg/Kg			10/15/25 09:03	1
Dichlorodifluoromethane	0.0010	U	0.0010	0.00034	mg/Kg			10/15/25 09:03	1
Ethylbenzene	0.0010	U	0.0010	0.00047	mg/Kg			10/15/25 09:03	1
Ethylene Dibromide	0.0010	U	0.0010	0.00050	mg/Kg			10/15/25 09:03	1
Isopropylbenzene	0.0010	U	0.0010	0.00029	mg/Kg			10/15/25 09:03	1
Methyl acetate	0.0050	U	0.0050	0.0043	mg/Kg			10/15/25 09:03	1
Methyl tert-butyl ether	0.0010	U	0.0010	0.00051	mg/Kg			10/15/25 09:03	1
Methylcyclohexane	0.0010	U	0.0010	0.00050	mg/Kg			10/15/25 09:03	1
Methylene Chloride	0.0020	U	0.0020	0.0011	mg/Kg			10/15/25 09:03	1
m-Xylene & p-Xylene	0.0010	U	0.0010	0.00042	mg/Kg			10/15/25 09:03	1
n-Butylbenzene	0.0010	U	0.0010	0.00029	mg/Kg			10/15/25 09:03	1
N-Propylbenzene	0.0010	U	0.0010	0.00045	mg/Kg			10/15/25 09:03	1
o-Xylene	0.0010	U	0.0010	0.00046	mg/Kg			10/15/25 09:03	1
sec-Butylbenzene	0.0010	U	0.0010	0.00029	mg/Kg			10/15/25 09:03	1
Styrene	0.0010	U	0.0010	0.00028	mg/Kg			10/15/25 09:03	1
tert-Butylbenzene	0.0010	U	0.0010	0.00028	mg/Kg			10/15/25 09:03	1
Tetrachloroethene	0.0010	U	0.0010	0.00031	mg/Kg			10/15/25 09:03	1
Toluene	0.0010	U	0.0010	0.00023	mg/Kg			10/15/25 09:03	1
trans-1,2-Dichloroethene	0.0010	U	0.0010	0.00025	mg/Kg			10/15/25 09:03	1
trans-1,3-Dichloropropene	0.0010	U	0.0010	0.00027	mg/Kg			10/15/25 09:03	1
Trichloroethene	0.0010	U	0.0010	0.00032	mg/Kg			10/15/25 09:03	1
Trichlorofluoromethane	0.0010	U	0.0010	0.00041	mg/Kg			10/15/25 09:03	1
Vinyl chloride	0.0010	U	0.0010	0.00055	mg/Kg			10/15/25 09:03	1
Xylenes, Total	0.0020	U	0.0020	0.00017	mg/Kg			10/15/25 09:03	1

Surrogate	*MB %Recovery*	*MB Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,2-Dichloroethane-d4 (Surr)	*83*		*65 - 138*		*10/15/25 09:03*	*1*
4-Bromofluorobenzene	*92*		*71 - 128*		*10/15/25 09:03*	*1*
Dibromofluoromethane (Surr)	*94*		*50 - 150*		*10/15/25 09:03*	*1*
Toluene-d8 (Surr)	*98*		*71 - 126*		*10/15/25 09:03*	*1*

Method: 8260D - Volatile Organic Compounds by GC/MS (Continued)

Lab Sample ID: LCS 460-1068241/3
Matrix: Solid
Analysis Batch: 1068241

Client Sample ID: Lab Control Sample
Prep Type: Total/NA

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
1,1,1-Trichloroethane	0.0200	0.0161		mg/Kg		81	78 - 120
1,1,2,2-Tetrachloroethane	0.0200	0.0200		mg/Kg		100	70 - 133
1,1,2-Trichloro-1,2,2-trifluoroethane	0.0200	0.0185		mg/Kg		93	75 - 121
1,1,2-Trichloroethane	0.0200	0.0197		mg/Kg		99	80 - 120
1,1-Dichloroethane	0.0200	0.0180		mg/Kg		90	72 - 120
1,1-Dichloroethene	0.0200	0.0193		mg/Kg		96	76 - 120
1,2,3-Trichlorobenzene	0.0200	0.0186		mg/Kg		93	77 - 137
1,2,4-Trichlorobenzene	0.0200	0.0175		mg/Kg		87	77 - 136
1,2,4-Trimethylbenzene	0.0200	0.0192		mg/Kg		96	75 - 120
1,2-Dibromo-3-Chloropropane	0.0200	0.0188		mg/Kg		94	80 - 124
1,2-Dichlorobenzene	0.0200	0.0202		mg/Kg		101	80 - 120
1,2-Dichloroethane	0.0200	0.0156		mg/Kg		78	70 - 123
1,2-Dichloropropane	0.0200	0.0184		mg/Kg		92	73 - 124
1,3,5-Trimethylbenzene	0.0200	0.0190		mg/Kg		95	70 - 120
1,3-Dichlorobenzene	0.0200	0.0202		mg/Kg		101	80 - 120
1,4-Dichlorobenzene	0.0200	0.0194		mg/Kg		97	80 - 120
2-Butanone (MEK)	0.100	0.127		mg/Kg		127	64 - 128
2-Hexanone	0.100	0.104		mg/Kg		104	75 - 120
4-Methyl-2-pentanone (MIBK)	0.100	0.107		mg/Kg		107	80 - 120
Acetone	0.100	0.104		mg/Kg		104	58 - 122
Benzene	0.0200	0.0190		mg/Kg		95	75 - 120
Bromoform	0.0200	0.0189		mg/Kg		95	61 - 125
Bromomethane	0.0200	0.0187		mg/Kg		93	37 - 150
Carbon disulfide	0.0200	0.0177		mg/Kg		88	57 - 133
Carbon tetrachloride	0.0200	0.0154		mg/Kg		77	66 - 127
Chlorobenzene	0.0200	0.0193		mg/Kg		97	80 - 120
Chlorobromomethane	0.0200	0.0206		mg/Kg		103	76 - 127
Chlorodibromomethane	0.0200	0.0185		mg/Kg		93	72 - 120
Chloroethane	0.0200	0.0193		mg/Kg		96	60 - 123
Chloroform	0.0200	0.0180		mg/Kg		90	79 - 126
Chloromethane	0.0200	0.0221		mg/Kg		111	46 - 122
cis-1,2-Dichloroethene	0.0200	0.0186		mg/Kg		93	80 - 123
cis-1,3-Dichloropropene	0.0200	0.0176		mg/Kg		88	75 - 120
Cyclohexane	0.0200	0.0181		mg/Kg		90	65 - 132
Dichlorobromomethane	0.0200	0.0174		mg/Kg		87	77 - 124
Dichlorodifluoromethane	0.0200	0.0257		mg/Kg		129	45 - 129
Ethylbenzene	0.0200	0.0192		mg/Kg		96	80 - 120
Ethylene Dibromide	0.0200	0.0196		mg/Kg		98	79 - 120
Isopropylbenzene	0.0200	0.0189		mg/Kg		94	74 - 120
Methyl acetate	0.0400	0.0319		mg/Kg		80	57 - 120
Methyl tert-butyl ether	0.0200	0.0175		mg/Kg		88	74 - 125
Methylcyclohexane	0.0200	0.0181		mg/Kg		90	66 - 125
Methylene Chloride	0.0200	0.0211		mg/Kg		105	78 - 120
m-Xylene & p-Xylene	0.0200	0.0191		mg/Kg		96	80 - 120
n-Butylbenzene	0.0200	0.0186		mg/Kg		93	72 - 120
N-Propylbenzene	0.0200	0.0188		mg/Kg		94	68 - 120
o-Xylene	0.0200	0.0200		mg/Kg		100	80 - 120
sec-Butylbenzene	0.0200	0.0192		mg/Kg		96	78 - 120

Method: 8260D - Volatile Organic Compounds by GC/MS (Continued)

Lab Sample ID: LCS 460-1068241/3
Matrix: Solid
Analysis Batch: 1068241

Client Sample ID: Lab Control Sample
Prep Type: Total/NA

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
Styrene	0.0200	0.0200		mg/Kg		100	80 - 120
tert-Butylbenzene	0.0200	0.0192		mg/Kg		96	80 - 120
Tetrachloroethene	0.0200	0.0171		mg/Kg		85	73 - 120
Toluene	0.0200	0.0183		mg/Kg		92	80 - 120
trans-1,2-Dichloroethene	0.0200	0.0188		mg/Kg		94	78 - 120
trans-1,3-Dichloropropene	0.0200	0.0163		mg/Kg		82	77 - 120
Trichloroethene	0.0200	0.0177		mg/Kg		88	80 - 120
Trichlorofluoromethane	0.0200	0.0204		mg/Kg		102	61 - 130
Vinyl chloride	0.0200	0.0222		mg/Kg		111	54 - 122
Xylenes, Total	0.0400	0.0392		mg/Kg		98	80 - 120

Surrogate	*LCS %Recovery*	*LCS Qualifier*	*Limits*
1,2-Dichloroethane-d4 (Surr)	*79*		*65 - 138*
4-Bromofluorobenzene	*94*		*71 - 128*
Dibromofluoromethane (Surr)	*91*		*50 - 150*
Toluene-d8 (Surr)	*97*		*71 - 126*

Lab Sample ID: LCSD 460-1068241/4
Matrix: Solid
Analysis Batch: 1068241

Client Sample ID: Lab Control Sample Dup
Prep Type: Total/NA

Analyte	Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
1,1,1-Trichloroethane	0.0200	0.0176		mg/Kg		88	78 - 120	9	30
1,1,2,2-Tetrachloroethane	0.0200	0.0215		mg/Kg		107	70 - 133	7	30
1,1,2-Trichloro-1,2,2-trifluoroethane	0.0200	0.0211		mg/Kg		105	75 - 121	13	30
1,1,2-Trichloroethane	0.0200	0.0208		mg/Kg		104	80 - 120	5	30
1,1-Dichloroethane	0.0200	0.0191		mg/Kg		95	72 - 120	6	30
1,1-Dichloroethene	0.0200	0.0218		mg/Kg		109	76 - 120	12	30
1,2,3-Trichlorobenzene	0.0200	0.0202		mg/Kg		101	77 - 137	8	30
1,2,4-Trichlorobenzene	0.0200	0.0188		mg/Kg		94	77 - 136	7	30
1,2,4-Trimethylbenzene	0.0200	0.0210		mg/Kg		105	75 - 120	9	30
1,2-Dibromo-3-Chloropropane	0.0200	0.0201		mg/Kg		100	80 - 124	7	30
1,2-Dichlorobenzene	0.0200	0.0214		mg/Kg		107	80 - 120	6	30
1,2-Dichloroethane	0.0200	0.0163		mg/Kg		81	70 - 123	4	30
1,2-Dichloropropane	0.0200	0.0189		mg/Kg		95	73 - 124	3	30
1,3,5-Trimethylbenzene	0.0200	0.0207		mg/Kg		104	70 - 120	9	30
1,3-Dichlorobenzene	0.0200	0.0218		mg/Kg		109	80 - 120	8	30
1,4-Dichlorobenzene	0.0200	0.0212		mg/Kg		106	80 - 120	9	30
2-Butanone (MEK)	0.100	0.127		mg/Kg		127	64 - 128	0	30
2-Hexanone	0.100	0.105		mg/Kg		105	75 - 120	1	30
4-Methyl-2-pentanone (MIBK)	0.100	0.107		mg/Kg		107	80 - 120	1	30
Acetone	0.100	0.105		mg/Kg		105	58 - 122	0	30
Benzene	0.0200	0.0207		mg/Kg		103	75 - 120	8	30
Bromoform	0.0200	0.0197		mg/Kg		98	61 - 125	4	30
Bromomethane	0.0200	0.0194		mg/Kg		97	37 - 150	4	30
Carbon disulfide	0.0200	0.0194		mg/Kg		97	57 - 133	9	30
Carbon tetrachloride	0.0200	0.0174		mg/Kg		87	66 - 127	12	30
Chlorobenzene	0.0200	0.0207		mg/Kg		104	80 - 120	7	30

Method: 8260D - Volatile Organic Compounds by GC/MS (Continued)

Lab Sample ID: LCSD 460-1068241/4
Matrix: Solid
Analysis Batch: 1068241

Client Sample ID: Lab Control Sample Dup
Prep Type: Total/NA

Analyte	Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Chlorobromomethane	0.0200	0.0212		mg/Kg		106	76 - 127	3	30
Chlorodibromomethane	0.0200	0.0197		mg/Kg		99	72 - 120	6	30
Chloroethane	0.0200	0.0196		mg/Kg		98	60 - 123	2	30
Chloroform	0.0200	0.0190		mg/Kg		95	79 - 126	5	30
Chloromethane	0.0200	0.0232		mg/Kg		116	46 - 122	5	30
cis-1,2-Dichloroethene	0.0200	0.0197		mg/Kg		99	80 - 123	6	30
cis-1,3-Dichloropropene	0.0200	0.0186		mg/Kg		93	75 - 120	6	30
Cyclohexane	0.0200	0.0209		mg/Kg		105	65 - 132	15	30
Dichlorobromomethane	0.0200	0.0178		mg/Kg		89	77 - 124	2	30
Dichlorodifluoromethane	0.0200	0.0280	*	mg/Kg		140	45 - 129	9	30
Ethylbenzene	0.0200	0.0209		mg/Kg		104	80 - 120	8	30
Ethylene Dibromide	0.0200	0.0208		mg/Kg		104	79 - 120	6	30
Isopropylbenzene	0.0200	0.0209		mg/Kg		105	74 - 120	10	30
Methyl acetate	0.0400	0.0326		mg/Kg		82	57 - 120	2	30
Methyl tert-butyl ether	0.0200	0.0182		mg/Kg		91	74 - 125	4	30
Methylcyclohexane	0.0200	0.0208		mg/Kg		104	66 - 125	14	30
Methylene Chloride	0.0200	0.0216		mg/Kg		108	78 - 120	2	30
m-Xylene & p-Xylene	0.0200	0.0209		mg/Kg		104	80 - 120	9	30
n-Butylbenzene	0.0200	0.0213		mg/Kg		106	72 - 120	13	30
N-Propylbenzene	0.0200	0.0211		mg/Kg		105	68 - 120	11	30
o-Xylene	0.0200	0.0215		mg/Kg		107	80 - 120	7	30
sec-Butylbenzene	0.0200	0.0218		mg/Kg		109	78 - 120	13	30
Styrene	0.0200	0.0213		mg/Kg		106	80 - 120	6	30
tert-Butylbenzene	0.0200	0.0214		mg/Kg		107	80 - 120	11	30
Tetrachloroethene	0.0200	0.0194		mg/Kg		97	73 - 120	13	30
Toluene	0.0200	0.0200		mg/Kg		100	80 - 120	9	30
trans-1,2-Dichloroethene	0.0200	0.0204		mg/Kg		102	78 - 120	8	30
trans-1,3-Dichloropropene	0.0200	0.0173		mg/Kg		87	77 - 120	6	30
Trichloroethene	0.0200	0.0191		mg/Kg		95	80 - 120	8	30
Trichlorofluoromethane	0.0200	0.0218		mg/Kg		109	61 - 130	7	30
Vinyl chloride	0.0200	0.0229		mg/Kg		115	54 - 122	3	30
Xylenes, Total	0.0400	0.0423		mg/Kg		106	80 - 120	8	30

Surrogate	*LCSD %Recovery*	*LCSD Qualifier*	*Limits*
1,2-Dichloroethane-d4 (Surr)	*79*		*65 - 138*
4-Bromofluorobenzene	*95*		*71 - 128*
Dibromofluoromethane (Surr)	*90*		*50 - 150*
Toluene-d8 (Surr)	*98*		*71 - 126*

Lab Sample ID: LB3 460-1068256/1-A
Matrix: Solid
Analysis Batch: 1068499

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 1068256

Analyte	LB3 Result	LB3 Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1-Trichloroethane	0.0010	U	0.0010	0.00023	mg/Kg		10/14/25 12:38	10/15/25 16:57	1
1,1,2,2-Tetrachloroethane	0.0010	U	0.0010	0.00052	mg/Kg		10/14/25 12:38	10/15/25 16:57	1
1,1,2-Trichloro-1,2,2-trifluoroethane	0.0010	U	0.0010	0.00030	mg/Kg		10/14/25 12:38	10/15/25 16:57	1
1,1,2-Trichloroethane	0.0010	U	0.0010	0.00060	mg/Kg		10/14/25 12:38	10/15/25 16:57	1

Method: 8260D - Volatile Organic Compounds by GC/MS (Continued)

Lab Sample ID: LB3 460-1068256/1-A
Matrix: Solid
Analysis Batch: 1068499

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 1068256

Analyte	LB3 Result	LB3 Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1-Dichloroethane	0.0010	U	0.0010	0.00060	mg/Kg		10/14/25 12:38	10/15/25 16:57	1
1,1-Dichloroethene	0.0010	U	0.0010	0.00023	mg/Kg		10/14/25 12:38	10/15/25 16:57	1
1,2,3-Trichlorobenzene	0.0010	U	0.0010	0.00074	mg/Kg		10/14/25 12:38	10/15/25 16:57	1
1,2,4-Trichlorobenzene	0.0010	U	0.0010	0.00036	mg/Kg		10/14/25 12:38	10/15/25 16:57	1
1,2,4-Trimethylbenzene	0.0010	U	0.0010	0.00025	mg/Kg		10/14/25 12:38	10/15/25 16:57	1
1,2-Dibromo-3-Chloropropane	0.0010	U	0.0010	0.00046	mg/Kg		10/14/25 12:38	10/15/25 16:57	1
1,2-Dichlorobenzene	0.0010	U	0.0010	0.00036	mg/Kg		10/14/25 12:38	10/15/25 16:57	1
1,2-Dichloroethane	0.0010	U	0.0010	0.00030	mg/Kg		10/14/25 12:38	10/15/25 16:57	1
1,2-Dichloropropane	0.0010	U	0.0010	0.00042	mg/Kg		10/14/25 12:38	10/15/25 16:57	1
1,3,5-Trimethylbenzene	0.0010	U	0.0010	0.00031	mg/Kg		10/14/25 12:38	10/15/25 16:57	1
1,3-Dichlorobenzene	0.0010	U	0.0010	0.00037	mg/Kg		10/14/25 12:38	10/15/25 16:57	1
1,4-Dichlorobenzene	0.0010	U	0.0010	0.00052	mg/Kg		10/14/25 12:38	10/15/25 16:57	1
2-Butanone (MEK)	0.0050	U	0.0050	0.00037	mg/Kg		10/14/25 12:38	10/15/25 16:57	1
2-Hexanone	0.0050	U	0.0050	0.0017	mg/Kg		10/14/25 12:38	10/15/25 16:57	1
4-Methyl-2-pentanone (MIBK)	0.0050	U	0.0050	0.0016	mg/Kg		10/14/25 12:38	10/15/25 16:57	1
Acetone	0.0060	U	0.0060	0.0057	mg/Kg		10/14/25 12:38	10/15/25 16:57	1
Benzene	0.0010	U	0.0010	0.00057	mg/Kg		10/14/25 12:38	10/15/25 16:57	1
Bromoform	0.0010	U	0.0010	0.00043	mg/Kg		10/14/25 12:38	10/15/25 16:57	1
Bromomethane	0.0020	U	0.0020	0.0010	mg/Kg		10/14/25 12:38	10/15/25 16:57	1
Carbon disulfide	0.0010	U	0.0010	0.00027	mg/Kg		10/14/25 12:38	10/15/25 16:57	1
Carbon tetrachloride	0.0010	U	0.0010	0.00039	mg/Kg		10/14/25 12:38	10/15/25 16:57	1
Chlorobenzene	0.0010	U	0.0010	0.00051	mg/Kg		10/14/25 12:38	10/15/25 16:57	1
Chlorobromomethane	0.0010	U	0.0010	0.00060	mg/Kg		10/14/25 12:38	10/15/25 16:57	1
Chlorodibromomethane	0.0010	U	0.0010	0.00054	mg/Kg		10/14/25 12:38	10/15/25 16:57	1
Chloroethane	0.0010	U	0.0010	0.00052	mg/Kg		10/14/25 12:38	10/15/25 16:57	1
Chloroform	0.0010	U	0.0010	0.00097	mg/Kg		10/14/25 12:38	10/15/25 16:57	1
Chloromethane	0.0010	U	0.0010	0.00044	mg/Kg		10/14/25 12:38	10/15/25 16:57	1
cis-1,2-Dichloroethene	0.0010	U	0.0010	0.00036	mg/Kg		10/14/25 12:38	10/15/25 16:57	1
cis-1,3-Dichloropropene	0.0010	U	0.0010	0.00027	mg/Kg		10/14/25 12:38	10/15/25 16:57	1
Cyclohexane	0.0010	U	0.0010	0.00022	mg/Kg		10/14/25 12:38	10/15/25 16:57	1
Dichlorobromomethane	0.0010	U	0.0010	0.00026	mg/Kg		10/14/25 12:38	10/15/25 16:57	1
Dichlorodifluoromethane	0.0010	U	0.0010	0.00034	mg/Kg		10/14/25 12:38	10/15/25 16:57	1
Ethylbenzene	0.0010	U	0.0010	0.00047	mg/Kg		10/14/25 12:38	10/15/25 16:57	1
Ethylene Dibromide	0.0010	U	0.0010	0.00050	mg/Kg		10/14/25 12:38	10/15/25 16:57	1
Isopropylbenzene	0.0010	U	0.0010	0.00029	mg/Kg		10/14/25 12:38	10/15/25 16:57	1
Methyl acetate	0.0050	U	0.0050	0.0043	mg/Kg		10/14/25 12:38	10/15/25 16:57	1
Methyl tert-butyl ether	0.0010	U	0.0010	0.00051	mg/Kg		10/14/25 12:38	10/15/25 16:57	1
Methylcyclohexane	0.0010	U	0.0010	0.00050	mg/Kg		10/14/25 12:38	10/15/25 16:57	1
Methylene Chloride	0.0020	U	0.0020	0.0011	mg/Kg		10/14/25 12:38	10/15/25 16:57	1
m-Xylene & p-Xylene	0.0010	U	0.0010	0.00042	mg/Kg		10/14/25 12:38	10/15/25 16:57	1
n-Butylbenzene	0.0010	U	0.0010	0.00029	mg/Kg		10/14/25 12:38	10/15/25 16:57	1
N-Propylbenzene	0.0010	U	0.0010	0.00045	mg/Kg		10/14/25 12:38	10/15/25 16:57	1
o-Xylene	0.0010	U	0.0010	0.00046	mg/Kg		10/14/25 12:38	10/15/25 16:57	1
sec-Butylbenzene	0.0010	U	0.0010	0.00029	mg/Kg		10/14/25 12:38	10/15/25 16:57	1
Styrene	0.0010	U	0.0010	0.00028	mg/Kg		10/14/25 12:38	10/15/25 16:57	1
tert-Butylbenzene	0.0010	U	0.0010	0.00028	mg/Kg		10/14/25 12:38	10/15/25 16:57	1
Tetrachloroethene	0.0010	U	0.0010	0.00031	mg/Kg		10/14/25 12:38	10/15/25 16:57	1
Toluene	0.0010	U	0.0010	0.00023	mg/Kg		10/14/25 12:38	10/15/25 16:57	1
trans-1,2-Dichloroethene	0.0010	U	0.0010	0.00025	mg/Kg		10/14/25 12:38	10/15/25 16:57	1

Method: 8260D - Volatile Organic Compounds by GC/MS (Continued)

Lab Sample ID: LB3 460-1068256/1-A
Matrix: Solid
Analysis Batch: 1068499

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 1068256

Analyte	LB3 Result	LB3 Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
trans-1,3-Dichloropropene	0.0010	U	0.0010	0.00027	mg/Kg		10/14/25 12:38	10/15/25 16:57	1
Trichloroethene	0.0010	U	0.0010	0.00032	mg/Kg		10/14/25 12:38	10/15/25 16:57	1
Trichlorofluoromethane	0.0010	U	0.0010	0.00041	mg/Kg		10/14/25 12:38	10/15/25 16:57	1
Vinyl chloride	0.0010	U	0.0010	0.00055	mg/Kg		10/14/25 12:38	10/15/25 16:57	1
Xylenes, Total	0.0020	U	0.0020	0.00017	mg/Kg		10/14/25 12:38	10/15/25 16:57	1

Surrogate	*LB3 %Recovery*	*LB3 Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,2-Dichloroethane-d4 (Surr)	*99*		*65 - 138*	*10/14/25 12:38*	*10/15/25 16:57*	*1*
4-Bromofluorobenzene	*98*		*71 - 128*	*10/14/25 12:38*	*10/15/25 16:57*	*1*
Dibromofluoromethane (Surr)	*97*		*50 - 150*	*10/14/25 12:38*	*10/15/25 16:57*	*1*
Toluene-d8 (Surr)	*94*		*71 - 126*	*10/14/25 12:38*	*10/15/25 16:57*	*1*

Lab Sample ID: LB3 460-1068264/1-A
Matrix: Solid
Analysis Batch: 1068499

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 1068264

Analyte	LB3 Result	LB3 Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1-Trichloroethane	0.0010	U	0.0010	0.00023	mg/Kg		10/14/25 13:11	10/15/25 16:34	1
1,1,2,2-Tetrachloroethane	0.0010	U	0.0010	0.00052	mg/Kg		10/14/25 13:11	10/15/25 16:34	1
1,1,2-Trichloro-1,2,2-trifluoroethane	0.0010	U	0.0010	0.00030	mg/Kg		10/14/25 13:11	10/15/25 16:34	1
1,1,2-Trichloroethane	0.0010	U	0.0010	0.00060	mg/Kg		10/14/25 13:11	10/15/25 16:34	1
1,1-Dichloroethane	0.0010	U	0.0010	0.00060	mg/Kg		10/14/25 13:11	10/15/25 16:34	1
1,1-Dichloroethene	0.0010	U	0.0010	0.00023	mg/Kg		10/14/25 13:11	10/15/25 16:34	1
1,2,3-Trichlorobenzene	0.0010	U	0.0010	0.00074	mg/Kg		10/14/25 13:11	10/15/25 16:34	1
1,2,4-Trichlorobenzene	0.0010	U	0.0010	0.00036	mg/Kg		10/14/25 13:11	10/15/25 16:34	1
1,2,4-Trimethylbenzene	0.0010	U	0.0010	0.00025	mg/Kg		10/14/25 13:11	10/15/25 16:34	1
1,2-Dibromo-3-Chloropropane	0.0010	U	0.0010	0.00046	mg/Kg		10/14/25 13:11	10/15/25 16:34	1
1,2-Dichlorobenzene	0.0010	U	0.0010	0.00036	mg/Kg		10/14/25 13:11	10/15/25 16:34	1
1,2-Dichloroethane	0.0010	U	0.0010	0.00030	mg/Kg		10/14/25 13:11	10/15/25 16:34	1
1,2-Dichloropropane	0.0010	U	0.0010	0.00042	mg/Kg		10/14/25 13:11	10/15/25 16:34	1
1,3,5-Trimethylbenzene	0.0010	U	0.0010	0.00031	mg/Kg		10/14/25 13:11	10/15/25 16:34	1
1,3-Dichlorobenzene	0.0010	U	0.0010	0.00037	mg/Kg		10/14/25 13:11	10/15/25 16:34	1
1,4-Dichlorobenzene	0.0010	U	0.0010	0.00052	mg/Kg		10/14/25 13:11	10/15/25 16:34	1
2-Butanone (MEK)	0.0050	U	0.0050	0.00037	mg/Kg		10/14/25 13:11	10/15/25 16:34	1
2-Hexanone	0.0050	U	0.0050	0.0017	mg/Kg		10/14/25 13:11	10/15/25 16:34	1
4-Methyl-2-pentanone (MIBK)	0.0050	U	0.0050	0.0016	mg/Kg		10/14/25 13:11	10/15/25 16:34	1
Acetone	0.0060	U	0.0060	0.0057	mg/Kg		10/14/25 13:11	10/15/25 16:34	1
Benzene	0.0010	U	0.0010	0.00057	mg/Kg		10/14/25 13:11	10/15/25 16:34	1
Bromoform	0.0010	U	0.0010	0.00043	mg/Kg		10/14/25 13:11	10/15/25 16:34	1
Bromomethane	0.0020	U	0.0020	0.0010	mg/Kg		10/14/25 13:11	10/15/25 16:34	1
Carbon disulfide	0.0010	U	0.0010	0.00027	mg/Kg		10/14/25 13:11	10/15/25 16:34	1
Carbon tetrachloride	0.0010	U	0.0010	0.00039	mg/Kg		10/14/25 13:11	10/15/25 16:34	1
Chlorobenzene	0.0010	U	0.0010	0.00051	mg/Kg		10/14/25 13:11	10/15/25 16:34	1
Chlorobromomethane	0.0010	U	0.0010	0.00060	mg/Kg		10/14/25 13:11	10/15/25 16:34	1
Chlorodibromomethane	0.0010	U	0.0010	0.00054	mg/Kg		10/14/25 13:11	10/15/25 16:34	1
Chloroethane	0.0010	U	0.0010	0.00052	mg/Kg		10/14/25 13:11	10/15/25 16:34	1
Chloroform	0.0010	U	0.0010	0.00097	mg/Kg		10/14/25 13:11	10/15/25 16:34	1
Chloromethane	0.0010	U	0.0010	0.00044	mg/Kg		10/14/25 13:11	10/15/25 16:34	1

Method: 8260D - Volatile Organic Compounds by GC/MS (Continued)

Lab Sample ID: LB3 460-1068264/1-A
Matrix: Solid
Analysis Batch: 1068499

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 1068264

Analyte	LB3 Result	LB3 Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
cis-1,2-Dichloroethene	0.0010	U	0.0010	0.00036	mg/Kg		10/14/25 13:11	10/15/25 16:34	1
cis-1,3-Dichloropropene	0.0010	U	0.0010	0.00027	mg/Kg		10/14/25 13:11	10/15/25 16:34	1
Cyclohexane	0.0010	U	0.0010	0.00022	mg/Kg		10/14/25 13:11	10/15/25 16:34	1
Dichlorobromomethane	0.0010	U	0.0010	0.00026	mg/Kg		10/14/25 13:11	10/15/25 16:34	1
Dichlorodifluoromethane	0.0010	U	0.0010	0.00034	mg/Kg		10/14/25 13:11	10/15/25 16:34	1
Ethylbenzene	0.0010	U	0.0010	0.00047	mg/Kg		10/14/25 13:11	10/15/25 16:34	1
Ethylene Dibromide	0.0010	U	0.0010	0.00050	mg/Kg		10/14/25 13:11	10/15/25 16:34	1
Isopropylbenzene	0.0010	U	0.0010	0.00029	mg/Kg		10/14/25 13:11	10/15/25 16:34	1
Methyl acetate	0.0050	U	0.0050	0.0043	mg/Kg		10/14/25 13:11	10/15/25 16:34	1
Methyl tert-butyl ether	0.0010	U	0.0010	0.00051	mg/Kg		10/14/25 13:11	10/15/25 16:34	1
Methylcyclohexane	0.0010	U	0.0010	0.00050	mg/Kg		10/14/25 13:11	10/15/25 16:34	1
Methylene Chloride	0.0020	U	0.0020	0.0011	mg/Kg		10/14/25 13:11	10/15/25 16:34	1
m-Xylene & p-Xylene	0.0010	U	0.0010	0.00042	mg/Kg		10/14/25 13:11	10/15/25 16:34	1
n-Butylbenzene	0.0010	U	0.0010	0.00029	mg/Kg		10/14/25 13:11	10/15/25 16:34	1
N-Propylbenzene	0.0010	U	0.0010	0.00045	mg/Kg		10/14/25 13:11	10/15/25 16:34	1
o-Xylene	0.0010	U	0.0010	0.00046	mg/Kg		10/14/25 13:11	10/15/25 16:34	1
sec-Butylbenzene	0.0010	U	0.0010	0.00029	mg/Kg		10/14/25 13:11	10/15/25 16:34	1
Styrene	0.0010	U	0.0010	0.00028	mg/Kg		10/14/25 13:11	10/15/25 16:34	1
tert-Butylbenzene	0.0010	U	0.0010	0.00028	mg/Kg		10/14/25 13:11	10/15/25 16:34	1
Tetrachloroethene	0.0010	U	0.0010	0.00031	mg/Kg		10/14/25 13:11	10/15/25 16:34	1
Toluene	0.0010	U	0.0010	0.00023	mg/Kg		10/14/25 13:11	10/15/25 16:34	1
trans-1,2-Dichloroethene	0.0010	U	0.0010	0.00025	mg/Kg		10/14/25 13:11	10/15/25 16:34	1
trans-1,3-Dichloropropene	0.0010	U	0.0010	0.00027	mg/Kg		10/14/25 13:11	10/15/25 16:34	1
Trichloroethene	0.0010	U	0.0010	0.00032	mg/Kg		10/14/25 13:11	10/15/25 16:34	1
Trichlorofluoromethane	0.0010	U	0.0010	0.00041	mg/Kg		10/14/25 13:11	10/15/25 16:34	1
Vinyl chloride	0.0010	U	0.0010	0.00055	mg/Kg		10/14/25 13:11	10/15/25 16:34	1
Xylenes, Total	0.0020	U	0.0020	0.00017	mg/Kg		10/14/25 13:11	10/15/25 16:34	1

Surrogate	*LB3 %Recovery*	*LB3 Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,2-Dichloroethane-d4 (Surr)	*101*		*65 - 138*	*10/14/25 13:11*	*10/15/25 16:34*	*1*
4-Bromofluorobenzene	*101*		*71 - 128*	*10/14/25 13:11*	*10/15/25 16:34*	*1*
Dibromofluoromethane (Surr)	*98*		*50 - 150*	*10/14/25 13:11*	*10/15/25 16:34*	*1*
Toluene-d8 (Surr)	*97*		*71 - 126*	*10/14/25 13:11*	*10/15/25 16:34*	*1*

Lab Sample ID: MB 460-1068499/7
Matrix: Solid
Analysis Batch: 1068499

Client Sample ID: Method Blank
Prep Type: Total/NA

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1-Trichloroethane	0.0010	U	0.0010	0.00023	mg/Kg			10/15/25 16:10	1
1,1,2,2-Tetrachloroethane	0.0010	U	0.0010	0.00052	mg/Kg			10/15/25 16:10	1
1,1,2-Trichloro-1,2,2-trifluoroethane	0.0010	U	0.0010	0.00030	mg/Kg			10/15/25 16:10	1
1,1,2-Trichloroethane	0.0010	U	0.0010	0.00060	mg/Kg			10/15/25 16:10	1
1,1-Dichloroethane	0.0010	U	0.0010	0.00060	mg/Kg			10/15/25 16:10	1
1,1-Dichloroethene	0.0010	U	0.0010	0.00023	mg/Kg			10/15/25 16:10	1
1,2,3-Trichlorobenzene	0.0010	U	0.0010	0.00074	mg/Kg			10/15/25 16:10	1
1,2,4-Trichlorobenzene	0.0010	U	0.0010	0.00036	mg/Kg			10/15/25 16:10	1
1,2,4-Trimethylbenzene	0.0010	U	0.0010	0.00025	mg/Kg			10/15/25 16:10	1

Method: 8260D - Volatile Organic Compounds by GC/MS (Continued)

Lab Sample ID: MB 460-1068499/7
Matrix: Solid
Analysis Batch: 1068499

Client Sample ID: Method Blank
Prep Type: Total/NA

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,2-Dibromo-3-Chloropropane	0.0010	U	0.0010	0.00046	mg/Kg			10/15/25 16:10	1
1,2-Dichlorobenzene	0.0010	U	0.0010	0.00036	mg/Kg			10/15/25 16:10	1
1,2-Dichloroethane	0.0010	U	0.0010	0.00030	mg/Kg			10/15/25 16:10	1
1,2-Dichloropropane	0.0010	U	0.0010	0.00042	mg/Kg			10/15/25 16:10	1
1,3,5-Trimethylbenzene	0.0010	U	0.0010	0.00031	mg/Kg			10/15/25 16:10	1
1,3-Dichlorobenzene	0.0010	U	0.0010	0.00037	mg/Kg			10/15/25 16:10	1
1,4-Dichlorobenzene	0.0010	U	0.0010	0.00052	mg/Kg			10/15/25 16:10	1
2-Butanone (MEK)	0.0050	U	0.0050	0.00037	mg/Kg			10/15/25 16:10	1
2-Hexanone	0.0050	U	0.0050	0.0017	mg/Kg			10/15/25 16:10	1
4-Methyl-2-pentanone (MIBK)	0.0050	U	0.0050	0.0016	mg/Kg			10/15/25 16:10	1
Acetone	0.0060	U	0.0060	0.0057	mg/Kg			10/15/25 16:10	1
Benzene	0.0010	U	0.0010	0.00057	mg/Kg			10/15/25 16:10	1
Bromoform	0.0010	U	0.0010	0.00043	mg/Kg			10/15/25 16:10	1
Bromomethane	0.0020	U	0.0020	0.0010	mg/Kg			10/15/25 16:10	1
Carbon disulfide	0.0010	U	0.0010	0.00027	mg/Kg			10/15/25 16:10	1
Carbon tetrachloride	0.0010	U	0.0010	0.00039	mg/Kg			10/15/25 16:10	1
Chlorobenzene	0.0010	U	0.0010	0.00051	mg/Kg			10/15/25 16:10	1
Chlorobromomethane	0.0010	U	0.0010	0.00060	mg/Kg			10/15/25 16:10	1
Chlorodibromomethane	0.0010	U	0.0010	0.00054	mg/Kg			10/15/25 16:10	1
Chloroethane	0.0010	U	0.0010	0.00052	mg/Kg			10/15/25 16:10	1
Chloroform	0.0010	U	0.0010	0.00097	mg/Kg			10/15/25 16:10	1
Chloromethane	0.0010	U	0.0010	0.00044	mg/Kg			10/15/25 16:10	1
cis-1,2-Dichloroethene	0.0010	U	0.0010	0.00036	mg/Kg			10/15/25 16:10	1
cis-1,3-Dichloropropene	0.0010	U	0.0010	0.00027	mg/Kg			10/15/25 16:10	1
Cyclohexane	0.0010	U	0.0010	0.00022	mg/Kg			10/15/25 16:10	1
Dichlorobromomethane	0.0010	U	0.0010	0.00026	mg/Kg			10/15/25 16:10	1
Dichlorodifluoromethane	0.0010	U	0.0010	0.00034	mg/Kg			10/15/25 16:10	1
Ethylbenzene	0.0010	U	0.0010	0.00047	mg/Kg			10/15/25 16:10	1
Ethylene Dibromide	0.0010	U	0.0010	0.00050	mg/Kg			10/15/25 16:10	1
Isopropylbenzene	0.0010	U	0.0010	0.00029	mg/Kg			10/15/25 16:10	1
Methyl acetate	0.0050	U	0.0050	0.0043	mg/Kg			10/15/25 16:10	1
Methyl tert-butyl ether	0.0010	U	0.0010	0.00051	mg/Kg			10/15/25 16:10	1
Methylcyclohexane	0.0010	U	0.0010	0.00050	mg/Kg			10/15/25 16:10	1
Methylene Chloride	0.0020	U	0.0020	0.0011	mg/Kg			10/15/25 16:10	1
m-Xylene & p-Xylene	0.0010	U	0.0010	0.00042	mg/Kg			10/15/25 16:10	1
n-Butylbenzene	0.0010	U	0.0010	0.00029	mg/Kg			10/15/25 16:10	1
N-Propylbenzene	0.0010	U	0.0010	0.00045	mg/Kg			10/15/25 16:10	1
o-Xylene	0.0010	U	0.0010	0.00046	mg/Kg			10/15/25 16:10	1
sec-Butylbenzene	0.0010	U	0.0010	0.00029	mg/Kg			10/15/25 16:10	1
Styrene	0.0010	U	0.0010	0.00028	mg/Kg			10/15/25 16:10	1
tert-Butylbenzene	0.0010	U	0.0010	0.00028	mg/Kg			10/15/25 16:10	1
Tetrachloroethene	0.0010	U	0.0010	0.00031	mg/Kg			10/15/25 16:10	1
Toluene	0.0010	U	0.0010	0.00023	mg/Kg			10/15/25 16:10	1
trans-1,2-Dichloroethene	0.0010	U	0.0010	0.00025	mg/Kg			10/15/25 16:10	1
trans-1,3-Dichloropropene	0.0010	U	0.0010	0.00027	mg/Kg			10/15/25 16:10	1
Trichloroethene	0.0010	U	0.0010	0.00032	mg/Kg			10/15/25 16:10	1
Trichlorofluoromethane	0.0010	U	0.0010	0.00041	mg/Kg			10/15/25 16:10	1
Vinyl chloride	0.0010	U	0.0010	0.00055	mg/Kg			10/15/25 16:10	1
Xylenes, Total	0.0020	U	0.0020	0.00017	mg/Kg			10/15/25 16:10	1

Method: 8260D - Volatile Organic Compounds by GC/MS (Continued)

Surrogate	MB %Recovery	MB Qualifier	Limits	Prepared	Analyzed	Dil Fac
1,2-Dichloroethane-d4 (Surr)	101		65 - 138		10/15/25 16:10	1
4-Bromofluorobenzene	101		71 - 128		10/15/25 16:10	1
Dibromofluoromethane (Surr)	98		50 - 150		10/15/25 16:10	1
Toluene-d8 (Surr)	95		71 - 126		10/15/25 16:10	1

Lab Sample ID: LCS 460-1068499/3
Matrix: Solid
Analysis Batch: 1068499

Client Sample ID: Lab Control Sample
Prep Type: Total/NA

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
1,1,1-Trichloroethane	0.0200	0.0180		mg/Kg		90	78 - 120
1,1,2,2-Tetrachloroethane	0.0200	0.0197		mg/Kg		98	70 - 133
1,1,2-Trichloro-1,2,2-trifluoroethane	0.0200	0.0177		mg/Kg		89	75 - 121
1,1,2-Trichloroethane	0.0200	0.0193		mg/Kg		97	80 - 120
1,1-Dichloroethane	0.0200	0.0185		mg/Kg		92	72 - 120
1,1-Dichloroethene	0.0200	0.0181		mg/Kg		91	76 - 120
1,2,3-Trichlorobenzene	0.0200	0.0200		mg/Kg		100	77 - 137
1,2,4-Trichlorobenzene	0.0200	0.0200		mg/Kg		100	77 - 136
1,2,4-Trimethylbenzene	0.0200	0.0188		mg/Kg		94	75 - 120
1,2-Dibromo-3-Chloropropane	0.0200	0.0200		mg/Kg		100	80 - 124
1,2-Dichlorobenzene	0.0200	0.0189		mg/Kg		94	80 - 120
1,2-Dichloroethane	0.0200	0.0196		mg/Kg		98	70 - 123
1,2-Dichloropropane	0.0200	0.0192		mg/Kg		96	73 - 124
1,3,5-Trimethylbenzene	0.0200	0.0183		mg/Kg		91	70 - 120
1,3-Dichlorobenzene	0.0200	0.0189		mg/Kg		94	80 - 120
1,4-Dichlorobenzene	0.0200	0.0184		mg/Kg		92	80 - 120
2-Butanone (MEK)	0.100	0.104		mg/Kg		104	64 - 128
2-Hexanone	0.100	0.107		mg/Kg		107	75 - 120
4-Methyl-2-pentanone (MIBK)	0.100	0.105		mg/Kg		105	80 - 120
Acetone	0.100	0.0893		mg/Kg		89	58 - 122
Benzene	0.0200	0.0183		mg/Kg		91	75 - 120
Bromoform	0.0200	0.0193		mg/Kg		96	61 - 125
Bromomethane	0.0200	0.0197		mg/Kg		98	37 - 150
Carbon disulfide	0.0200	0.0184		mg/Kg		92	57 - 133
Carbon tetrachloride	0.0200	0.0173		mg/Kg		86	66 - 127
Chlorobenzene	0.0200	0.0186		mg/Kg		93	80 - 120
Chlorobromomethane	0.0200	0.0193		mg/Kg		96	76 - 127
Chlorodibromomethane	0.0200	0.0188		mg/Kg		94	72 - 120
Chloroethane	0.0200	0.0182		mg/Kg		91	60 - 123
Chloroform	0.0200	0.0183		mg/Kg		91	79 - 126
Chloromethane	0.0200	0.0191		mg/Kg		96	46 - 122
cis-1,2-Dichloroethene	0.0200	0.0185		mg/Kg		93	80 - 123
cis-1,3-Dichloropropene	0.0200	0.0194		mg/Kg		97	75 - 120
Cyclohexane	0.0200	0.0179		mg/Kg		89	65 - 132
Dichlorobromomethane	0.0200	0.0194		mg/Kg		97	77 - 124
Dichlorodifluoromethane	0.0200	0.0182		mg/Kg		91	45 - 129
Ethylbenzene	0.0200	0.0180		mg/Kg		90	80 - 120
Ethylene Dibromide	0.0200	0.0196		mg/Kg		98	79 - 120
Isopropylbenzene	0.0200	0.0183		mg/Kg		91	74 - 120
Methyl acetate	0.0400	0.0415		mg/Kg		104	57 - 120
Methyl tert-butyl ether	0.0200	0.0194		mg/Kg		97	74 - 125

Method: 8260D - Volatile Organic Compounds by GC/MS (Continued)

Lab Sample ID: LCS 460-1068499/3
Matrix: Solid
Analysis Batch: 1068499

Client Sample ID: Lab Control Sample
Prep Type: Total/NA

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
Methylcyclohexane	0.0200	0.0178		mg/Kg		89	66 - 125
Methylene Chloride	0.0200	0.0183		mg/Kg		92	78 - 120
m-Xylene & p-Xylene	0.0200	0.0181		mg/Kg		90	80 - 120
n-Butylbenzene	0.0200	0.0184		mg/Kg		92	72 - 120
N-Propylbenzene	0.0200	0.0178		mg/Kg		89	68 - 120
o-Xylene	0.0200	0.0189		mg/Kg		95	80 - 120
sec-Butylbenzene	0.0200	0.0184		mg/Kg		92	78 - 120
Styrene	0.0200	0.0180		mg/Kg		90	80 - 120
tert-Butylbenzene	0.0200	0.0179		mg/Kg		90	80 - 120
Tetrachloroethene	0.0200	0.0178		mg/Kg		89	73 - 120
Toluene	0.0200	0.0181		mg/Kg		90	80 - 120
trans-1,2-Dichloroethene	0.0200	0.0180		mg/Kg		90	78 - 120
trans-1,3-Dichloropropene	0.0200	0.0191		mg/Kg		96	77 - 120
Trichloroethene	0.0200	0.0182		mg/Kg		91	80 - 120
Trichlorofluoromethane	0.0200	0.0175		mg/Kg		87	61 - 130
Vinyl chloride	0.0200	0.0181		mg/Kg		90	54 - 122
Xylenes, Total	0.0400	0.0370		mg/Kg		92	80 - 120

Surrogate	*LCS %Recovery*	*LCS Qualifier*	*Limits*
1,2-Dichloroethane-d4 (Surr)	*98*		*65 - 138*
4-Bromofluorobenzene	*94*		*71 - 128*
Dibromofluoromethane (Surr)	*96*		*50 - 150*
Toluene-d8 (Surr)	*94*		*71 - 126*

Lab Sample ID: LCSD 460-1068499/4
Matrix: Solid
Analysis Batch: 1068499

Client Sample ID: Lab Control Sample Dup
Prep Type: Total/NA

Analyte	Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
1,1,1-Trichloroethane	0.0200	0.0187		mg/Kg		93	78 - 120	4	30
1,1,2,2-Tetrachloroethane	0.0200	0.0190		mg/Kg		95	70 - 133	3	30
1,1,2-Trichloro-1,2,2-trifluoroethane	0.0200	0.0190		mg/Kg		95	75 - 121	7	30
1,1,2-Trichloroethane	0.0200	0.0185		mg/Kg		92	80 - 120	4	30
1,1-Dichloroethane	0.0200	0.0187		mg/Kg		93	72 - 120	1	30
1,1-Dichloroethene	0.0200	0.0187		mg/Kg		93	76 - 120	3	30
1,2,3-Trichlorobenzene	0.0200	0.0200		mg/Kg		100	77 - 137	0	30
1,2,4-Trichlorobenzene	0.0200	0.0194		mg/Kg		97	77 - 136	3	30
1,2,4-Trimethylbenzene	0.0200	0.0192		mg/Kg		96	75 - 120	2	30
1,2-Dibromo-3-Chloropropane	0.0200	0.0190		mg/Kg		95	80 - 124	5	30
1,2-Dichlorobenzene	0.0200	0.0189		mg/Kg		95	80 - 120	0	30
1,2-Dichloroethane	0.0200	0.0195		mg/Kg		97	70 - 123	1	30
1,2-Dichloropropane	0.0200	0.0189		mg/Kg		95	73 - 124	2	30
1,3,5-Trimethylbenzene	0.0200	0.0185		mg/Kg		93	70 - 120	1	30
1,3-Dichlorobenzene	0.0200	0.0190		mg/Kg		95	80 - 120	1	30
1,4-Dichlorobenzene	0.0200	0.0187		mg/Kg		94	80 - 120	2	30
2-Butanone (MEK)	0.100	0.0946		mg/Kg		95	64 - 128	10	30
2-Hexanone	0.100	0.102		mg/Kg		102	75 - 120	5	30
4-Methyl-2-pentanone (MIBK)	0.100	0.101		mg/Kg		101	80 - 120	4	30

Method: 8260D - Volatile Organic Compounds by GC/MS (Continued)

Lab Sample ID: LCSD 460-1068499/4
Matrix: Solid
Analysis Batch: 1068499

Client Sample ID: Lab Control Sample Dup
Prep Type: Total/NA

Analyte			Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Acetone			0.100	0.0842		mg/Kg		84	58 - 122	6	30
Benzene			0.0200	0.0184		mg/Kg		92	75 - 120	0	30
Bromoform			0.0200	0.0193		mg/Kg		96	61 - 125	0	30
Bromomethane			0.0200	0.0199		mg/Kg		99	37 - 150	1	30
Carbon disulfide			0.0200	0.0191		mg/Kg		96	57 - 133	4	30
Carbon tetrachloride			0.0200	0.0187		mg/Kg		93	66 - 127	8	30
Chlorobenzene			0.0200	0.0184		mg/Kg		92	80 - 120	1	30
Chlorobromomethane			0.0200	0.0190		mg/Kg		95	76 - 127	1	30
Chlorodibromomethane			0.0200	0.0185		mg/Kg		93	72 - 120	1	30
Chloroethane			0.0200	0.0189		mg/Kg		94	60 - 123	3	30
Chloroform			0.0200	0.0184		mg/Kg		92	79 - 126	1	30
Chloromethane			0.0200	0.0196		mg/Kg		98	46 - 122	2	30
cis-1,2-Dichloroethene			0.0200	0.0180		mg/Kg		90	80 - 123	3	30
cis-1,3-Dichloropropene			0.0200	0.0189		mg/Kg		94	75 - 120	3	30
Cyclohexane			0.0200	0.0190		mg/Kg		95	65 - 132	6	30
Dichlorobromomethane			0.0200	0.0189		mg/Kg		95	77 - 124	3	30
Dichlorodifluoromethane			0.0200	0.0209		mg/Kg		105	45 - 129	14	30
Ethylbenzene			0.0200	0.0185		mg/Kg		93	80 - 120	3	30
Ethylene Dibromide			0.0200	0.0195		mg/Kg		97	79 - 120	1	30
Isopropylbenzene			0.0200	0.0187		mg/Kg		94	74 - 120	2	30
Methyl acetate			0.0400	0.0403		mg/Kg		101	57 - 120	3	30
Methyl tert-butyl ether			0.0200	0.0191		mg/Kg		96	74 - 125	2	30
Methylcyclohexane			0.0200	0.0193		mg/Kg		96	66 - 125	8	30
Methylene Chloride			0.0200	0.0183		mg/Kg		92	78 - 120	0	30
m-Xylene & p-Xylene			0.0200	0.0184		mg/Kg		92	80 - 120	2	30
n-Butylbenzene			0.0200	0.0190		mg/Kg		95	72 - 120	3	30
N-Propylbenzene			0.0200	0.0182		mg/Kg		91	68 - 120	2	30
o-Xylene			0.0200	0.0189		mg/Kg		95	80 - 120	0	30
sec-Butylbenzene			0.0200	0.0195		mg/Kg		97	78 - 120	6	30
Styrene			0.0200	0.0180		mg/Kg		90	80 - 120	0	30
tert-Butylbenzene			0.0200	0.0187		mg/Kg		93	80 - 120	4	30
Tetrachloroethene			0.0200	0.0187		mg/Kg		93	73 - 120	5	30
Toluene			0.0200	0.0181		mg/Kg		91	80 - 120	0	30
trans-1,2-Dichloroethene			0.0200	0.0188		mg/Kg		94	78 - 120	5	30
trans-1,3-Dichloropropene			0.0200	0.0187		mg/Kg		94	77 - 120	2	30
Trichloroethene			0.0200	0.0182		mg/Kg		91	80 - 120	0	30
Trichlorofluoromethane			0.0200	0.0200		mg/Kg		100	61 - 130	13	30
Vinyl chloride			0.0200	0.0192		mg/Kg		96	54 - 122	6	30
Xylenes, Total			0.0400	0.0373		mg/Kg		93	80 - 120	1	30

Surrogate	*LCSD %Recovery*	*LCSD Qualifier*	*Limits*
1,2-Dichloroethane-d4 (Surr)	*97*		*65 - 138*
4-Bromofluorobenzene	*92*		*71 - 128*
Dibromofluoromethane (Surr)	*93*		*50 - 150*
Toluene-d8 (Surr)	*92*		*71 - 126*

Method: 8260D - Volatile Organic Compounds by GC/MS (Continued)

Lab Sample ID: MB 460-1068587/7
Matrix: Solid
Analysis Batch: 1068587

Client Sample ID: Method Blank
Prep Type: Total/NA

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1-Trichloroethane	0.0010	U	0.0010	0.00023	mg/Kg			10/15/25 21:49	1
1,1,2,2-Tetrachloroethane	0.0010	U	0.0010	0.00052	mg/Kg			10/15/25 21:49	1
1,1,2-Trichloro-1,2,2-trifluoroethane	0.0010	U	0.0010	0.00030	mg/Kg			10/15/25 21:49	1
1,1,2-Trichloroethane	0.0010	U	0.0010	0.00060	mg/Kg			10/15/25 21:49	1
1,1-Dichloroethane	0.0010	U	0.0010	0.00060	mg/Kg			10/15/25 21:49	1
1,1-Dichloroethene	0.0010	U	0.0010	0.00023	mg/Kg			10/15/25 21:49	1
1,2,3-Trichlorobenzene	0.0010	U	0.0010	0.00074	mg/Kg			10/15/25 21:49	1
1,2,4-Trichlorobenzene	0.0010	U	0.0010	0.00036	mg/Kg			10/15/25 21:49	1
1,2,4-Trimethylbenzene	0.0010	U	0.0010	0.00025	mg/Kg			10/15/25 21:49	1
1,2-Dibromo-3-Chloropropane	0.0010	U	0.0010	0.00046	mg/Kg			10/15/25 21:49	1
1,2-Dichlorobenzene	0.0010	U	0.0010	0.00036	mg/Kg			10/15/25 21:49	1
1,2-Dichloroethane	0.0010	U	0.0010	0.00030	mg/Kg			10/15/25 21:49	1
1,2-Dichloropropane	0.0010	U	0.0010	0.00042	mg/Kg			10/15/25 21:49	1
1,3,5-Trimethylbenzene	0.0010	U	0.0010	0.00031	mg/Kg			10/15/25 21:49	1
1,3-Dichlorobenzene	0.0010	U	0.0010	0.00037	mg/Kg			10/15/25 21:49	1
1,4-Dichlorobenzene	0.0010	U	0.0010	0.00052	mg/Kg			10/15/25 21:49	1
2-Butanone (MEK)	0.0050	U	0.0050	0.00037	mg/Kg			10/15/25 21:49	1
2-Hexanone	0.0050	U	0.0050	0.0017	mg/Kg			10/15/25 21:49	1
4-Methyl-2-pentanone (MIBK)	0.0050	U	0.0050	0.0016	mg/Kg			10/15/25 21:49	1
Acetone	0.0060	U	0.0060	0.0057	mg/Kg			10/15/25 21:49	1
Benzene	0.0010	U	0.0010	0.00057	mg/Kg			10/15/25 21:49	1
Bromoform	0.0010	U	0.0010	0.00043	mg/Kg			10/15/25 21:49	1
Bromomethane	0.0020	U	0.0020	0.0010	mg/Kg			10/15/25 21:49	1
Carbon disulfide	0.0010	U	0.0010	0.00027	mg/Kg			10/15/25 21:49	1
Carbon tetrachloride	0.0010	U	0.0010	0.00039	mg/Kg			10/15/25 21:49	1
Chlorobenzene	0.0010	U	0.0010	0.00051	mg/Kg			10/15/25 21:49	1
Chlorobromomethane	0.0010	U	0.0010	0.00060	mg/Kg			10/15/25 21:49	1
Chlorodibromomethane	0.0010	U	0.0010	0.00054	mg/Kg			10/15/25 21:49	1
Chloroethane	0.0010	U	0.0010	0.00052	mg/Kg			10/15/25 21:49	1
Chloroform	0.0010	U	0.0010	0.00097	mg/Kg			10/15/25 21:49	1
Chloromethane	0.0010	U	0.0010	0.00044	mg/Kg			10/15/25 21:49	1
cis-1,2-Dichloroethene	0.0010	U	0.0010	0.00036	mg/Kg			10/15/25 21:49	1
cis-1,3-Dichloropropene	0.0010	U	0.0010	0.00027	mg/Kg			10/15/25 21:49	1
Cyclohexane	0.0010	U	0.0010	0.00022	mg/Kg			10/15/25 21:49	1
Dichlorobromomethane	0.0010	U	0.0010	0.00026	mg/Kg			10/15/25 21:49	1
Dichlorodifluoromethane	0.0010	U	0.0010	0.00034	mg/Kg			10/15/25 21:49	1
Ethylbenzene	0.0010	U	0.0010	0.00047	mg/Kg			10/15/25 21:49	1
Ethylene Dibromide	0.0010	U	0.0010	0.00050	mg/Kg			10/15/25 21:49	1
Isopropylbenzene	0.0010	U	0.0010	0.00029	mg/Kg			10/15/25 21:49	1
Methyl acetate	0.0050	U	0.0050	0.0043	mg/Kg			10/15/25 21:49	1
Methyl tert-butyl ether	0.0010	U	0.0010	0.00051	mg/Kg			10/15/25 21:49	1
Methylcyclohexane	0.0010	U	0.0010	0.00050	mg/Kg			10/15/25 21:49	1
Methylene Chloride	0.0020	U	0.0020	0.0011	mg/Kg			10/15/25 21:49	1
m-Xylene & p-Xylene	0.0010	U	0.0010	0.00042	mg/Kg			10/15/25 21:49	1
n-Butylbenzene	0.0010	U	0.0010	0.00029	mg/Kg			10/15/25 21:49	1
N-Propylbenzene	0.0010	U	0.0010	0.00045	mg/Kg			10/15/25 21:49	1
o-Xylene	0.0010	U	0.0010	0.00046	mg/Kg			10/15/25 21:49	1
sec-Butylbenzene	0.0010	U	0.0010	0.00029	mg/Kg			10/15/25 21:49	1

Method: 8260D - Volatile Organic Compounds by GC/MS (Continued)

Lab Sample ID: MB 460-1068587/7
Matrix: Solid
Analysis Batch: 1068587

Client Sample ID: Method Blank
Prep Type: Total/NA

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Styrene	0.0010	U	0.0010	0.00028	mg/Kg			10/15/25 21:49	1
tert-Butylbenzene	0.0010	U	0.0010	0.00028	mg/Kg			10/15/25 21:49	1
Tetrachloroethene	0.0010	U	0.0010	0.00031	mg/Kg			10/15/25 21:49	1
Toluene	0.0010	U	0.0010	0.00023	mg/Kg			10/15/25 21:49	1
trans-1,2-Dichloroethene	0.0010	U	0.0010	0.00025	mg/Kg			10/15/25 21:49	1
trans-1,3-Dichloropropene	0.0010	U	0.0010	0.00027	mg/Kg			10/15/25 21:49	1
Trichloroethene	0.0010	U	0.0010	0.00032	mg/Kg			10/15/25 21:49	1
Trichlorofluoromethane	0.0010	U	0.0010	0.00041	mg/Kg			10/15/25 21:49	1
Vinyl chloride	0.0010	U	0.0010	0.00055	mg/Kg			10/15/25 21:49	1
Xylenes, Total	0.0020	U	0.0020	0.00017	mg/Kg			10/15/25 21:49	1

Surrogate	*MB %Recovery*	*MB Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,2-Dichloroethane-d4 (Surr)	*88*		*65 - 138*		*10/15/25 21:49*	*1*
4-Bromofluorobenzene	*91*		*71 - 128*		*10/15/25 21:49*	*1*
Dibromofluoromethane (Surr)	*97*		*50 - 150*		*10/15/25 21:49*	*1*
Toluene-d8 (Surr)	*99*		*71 - 126*		*10/15/25 21:49*	*1*

Lab Sample ID: LCS 460-1068587/3
Matrix: Solid
Analysis Batch: 1068587

Client Sample ID: Lab Control Sample
Prep Type: Total/NA

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
1,1,1-Trichloroethane	0.0200	0.0161		mg/Kg		81	78 - 120
1,1,2,2-Tetrachloroethane	0.0200	0.0207		mg/Kg		103	70 - 133
1,1,2-Trichloro-1,2,2-trifluoroethane	0.0200	0.0188		mg/Kg		94	75 - 121
1,1,2-Trichloroethane	0.0200	0.0196		mg/Kg		98	80 - 120
1,1-Dichloroethane	0.0200	0.0179		mg/Kg		89	72 - 120
1,1-Dichloroethene	0.0200	0.0194		mg/Kg		97	76 - 120
1,2,3-Trichlorobenzene	0.0200	0.0203		mg/Kg		101	77 - 137
1,2,4-Trichlorobenzene	0.0200	0.0197		mg/Kg		99	77 - 136
1,2,4-Trimethylbenzene	0.0200	0.0201		mg/Kg		100	75 - 120
1,2-Dibromo-3-Chloropropane	0.0200	0.0190		mg/Kg		95	80 - 124
1,2-Dichlorobenzene	0.0200	0.0207		mg/Kg		103	80 - 120
1,2-Dichloroethane	0.0200	0.0154		mg/Kg		77	70 - 123
1,2-Dichloropropane	0.0200	0.0180		mg/Kg		90	73 - 124
1,3,5-Trimethylbenzene	0.0200	0.0199		mg/Kg		99	70 - 120
1,3-Dichlorobenzene	0.0200	0.0212		mg/Kg		106	80 - 120
1,4-Dichlorobenzene	0.0200	0.0205		mg/Kg		102	80 - 120
2-Butanone (MEK)	0.100	0.119		mg/Kg		119	64 - 128
2-Hexanone	0.100	0.101		mg/Kg		101	75 - 120
4-Methyl-2-pentanone (MIBK)	0.100	0.103		mg/Kg		103	80 - 120
Acetone	0.100	0.101		mg/Kg		101	58 - 122
Benzene	0.0200	0.0187		mg/Kg		93	75 - 120
Bromoform	0.0200	0.0185		mg/Kg		92	61 - 125
Bromomethane	0.0200	0.0195		mg/Kg		98	37 - 150
Carbon disulfide	0.0200	0.0176		mg/Kg		88	57 - 133
Carbon tetrachloride	0.0200	0.0159		mg/Kg		80	66 - 127
Chlorobenzene	0.0200	0.0193		mg/Kg		97	80 - 120

Method: 8260D - Volatile Organic Compounds by GC/MS (Continued)

Lab Sample ID: LCS 460-1068587/3
Matrix: Solid
Analysis Batch: 1068587

Client Sample ID: Lab Control Sample
Prep Type: Total/NA

Analyte			Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits		
Chlorobromomethane			0.0200	0.0203		mg/Kg		102	76 - 127		
Chlorodibromomethane			0.0200	0.0182		mg/Kg		91	72 - 120		
Chloroethane			0.0200	0.0210		mg/Kg		105	60 - 123		
Chloroform			0.0200	0.0179		mg/Kg		89	79 - 126		
Chloromethane			0.0200	0.0214		mg/Kg		107	46 - 122		
cis-1,2-Dichloroethene			0.0200	0.0190		mg/Kg		95	80 - 123		
cis-1,3-Dichloropropene			0.0200	0.0180		mg/Kg		90	75 - 120		
Cyclohexane			0.0200	0.0186		mg/Kg		93	65 - 132		
Dichlorobromomethane			0.0200	0.0174		mg/Kg		87	77 - 124		
Dichlorodifluoromethane			0.0200	0.0234		mg/Kg		117	45 - 129		
Ethylbenzene			0.0200	0.0190		mg/Kg		95	80 - 120		
Ethylene Dibromide			0.0200	0.0192		mg/Kg		96	79 - 120		
Isopropylbenzene			0.0200	0.0189		mg/Kg		94	74 - 120		
Methyl acetate			0.0400	0.0306		mg/Kg		77	57 - 120		
Methyl tert-butyl ether			0.0200	0.0175		mg/Kg		87	74 - 125		
Methylcyclohexane			0.0200	0.0185		mg/Kg		92	66 - 125		
Methylene Chloride			0.0200	0.0212		mg/Kg		106	78 - 120		
m-Xylene & p-Xylene			0.0200	0.0190		mg/Kg		95	80 - 120		
n-Butylbenzene			0.0200	0.0208		mg/Kg		104	72 - 120		
N-Propylbenzene			0.0200	0.0196		mg/Kg		98	68 - 120		
o-Xylene			0.0200	0.0198		mg/Kg		99	80 - 120		
sec-Butylbenzene			0.0200	0.0201		mg/Kg		101	78 - 120		
Styrene			0.0200	0.0193		mg/Kg		97	80 - 120		
tert-Butylbenzene			0.0200	0.0197		mg/Kg		99	80 - 120		
Tetrachloroethene			0.0200	0.0171		mg/Kg		85	73 - 120		
Toluene			0.0200	0.0182		mg/Kg		91	80 - 120		
trans-1,2-Dichloroethene			0.0200	0.0188		mg/Kg		94	78 - 120		
trans-1,3-Dichloropropene			0.0200	0.0168		mg/Kg		84	77 - 120		
Trichloroethene			0.0200	0.0178		mg/Kg		89	80 - 120		
Trichlorofluoromethane			0.0200	0.0190		mg/Kg		95	61 - 130		
Vinyl chloride			0.0200	0.0200		mg/Kg		100	54 - 122		
Xylenes, Total			0.0400	0.0388		mg/Kg		97	80 - 120		

Surrogate	*LCS %Recovery*	*LCS Qualifier*	*Limits*
1,2-Dichloroethane-d4 (Surr)	*81*		*65 - 138*
4-Bromofluorobenzene	*96*		*71 - 128*
Dibromofluoromethane (Surr)	*93*		*50 - 150*
Toluene-d8 (Surr)	*96*		*71 - 126*

Lab Sample ID: LCSD 460-1068587/4
Matrix: Solid
Analysis Batch: 1068587

Client Sample ID: Lab Control Sample Dup
Prep Type: Total/NA

Analyte			Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
1,1,1-Trichloroethane			0.0200	0.0174		mg/Kg		87	78 - 120	7	30
1,1,2,2-Tetrachloroethane			0.0200	0.0214		mg/Kg		107	70 - 133	4	30
1,1,2-Trichloro-1,2,2-trifluoroethane			0.0200	0.0207		mg/Kg		103	75 - 121	9	30
1,1,2-Trichloroethane			0.0200	0.0207		mg/Kg		104	80 - 120	6	30

Method: 8260D - Volatile Organic Compounds by GC/MS (Continued)

Lab Sample ID: LCSD 460-1068587/4
Matrix: Solid
Analysis Batch: 1068587

Client Sample ID: Lab Control Sample Dup
Prep Type: Total/NA

Analyte	Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
1,1-Dichloroethane	0.0200	0.0187		mg/Kg		93	72 - 120	4	30
1,1-Dichloroethene	0.0200	0.0213		mg/Kg		106	76 - 120	9	30
1,2,3-Trichlorobenzene	0.0200	0.0210		mg/Kg		105	77 - 137	4	30
1,2,4-Trichlorobenzene	0.0200	0.0203		mg/Kg		101	77 - 136	3	30
1,2,4-Trimethylbenzene	0.0200	0.0211		mg/Kg		105	75 - 120	5	30
1,2-Dibromo-3-Chloropropane	0.0200	0.0196		mg/Kg		98	80 - 124	3	30
1,2-Dichlorobenzene	0.0200	0.0217		mg/Kg		108	80 - 120	5	30
1,2-Dichloroethane	0.0200	0.0159		mg/Kg		79	70 - 123	3	30
1,2-Dichloropropane	0.0200	0.0188		mg/Kg		94	73 - 124	4	30
1,3,5-Trimethylbenzene	0.0200	0.0214		mg/Kg		107	70 - 120	7	30
1,3-Dichlorobenzene	0.0200	0.0223		mg/Kg		111	80 - 120	5	30
1,4-Dichlorobenzene	0.0200	0.0214		mg/Kg		107	80 - 120	4	30
2-Butanone (MEK)	0.100	0.124		mg/Kg		124	64 - 128	5	30
2-Hexanone	0.100	0.106		mg/Kg		106	75 - 120	4	30
4-Methyl-2-pentanone (MIBK)	0.100	0.107		mg/Kg		107	80 - 120	4	30
Acetone	0.100	0.105		mg/Kg		105	58 - 122	4	30
Benzene	0.0200	0.0203		mg/Kg		101	75 - 120	8	30
Bromoform	0.0200	0.0190		mg/Kg		95	61 - 125	3	30
Bromomethane	0.0200	0.0187		mg/Kg		94	37 - 150	4	30
Carbon disulfide	0.0200	0.0190		mg/Kg		95	57 - 133	8	30
Carbon tetrachloride	0.0200	0.0173		mg/Kg		86	66 - 127	8	30
Chlorobenzene	0.0200	0.0205		mg/Kg		103	80 - 120	6	30
Chlorobromomethane	0.0200	0.0207		mg/Kg		103	76 - 127	2	30
Chlorodibromomethane	0.0200	0.0192		mg/Kg		96	72 - 120	5	30
Chloroethane	0.0200	0.0195		mg/Kg		98	60 - 123	8	30
Chloroform	0.0200	0.0187		mg/Kg		94	79 - 126	5	30
Chloromethane	0.0200	0.0229		mg/Kg		115	46 - 122	7	30
cis-1,2-Dichloroethene	0.0200	0.0200		mg/Kg		100	80 - 123	5	30
cis-1,3-Dichloropropene	0.0200	0.0188		mg/Kg		94	75 - 120	5	30
Cyclohexane	0.0200	0.0201		mg/Kg		101	65 - 132	8	30
Dichlorobromomethane	0.0200	0.0176		mg/Kg		88	77 - 124	2	30
Dichlorodifluoromethane	0.0200	0.0275	*	mg/Kg		137	45 - 129	16	30
Ethylbenzene	0.0200	0.0205		mg/Kg		103	80 - 120	8	30
Ethylene Dibromide	0.0200	0.0201		mg/Kg		101	79 - 120	5	30
Isopropylbenzene	0.0200	0.0206		mg/Kg		103	74 - 120	9	30
Methyl acetate	0.0400	0.0318		mg/Kg		79	57 - 120	4	30
Methyl tert-butyl ether	0.0200	0.0182		mg/Kg		91	74 - 125	4	30
Methylcyclohexane	0.0200	0.0203		mg/Kg		101	66 - 125	9	30
Methylene Chloride	0.0200	0.0216		mg/Kg		108	78 - 120	2	30
m-Xylene & p-Xylene	0.0200	0.0207		mg/Kg		104	80 - 120	9	30
n-Butylbenzene	0.0200	0.0220		mg/Kg		110	72 - 120	6	30
N-Propylbenzene	0.0200	0.0213		mg/Kg		107	68 - 120	8	30
o-Xylene	0.0200	0.0212		mg/Kg		106	80 - 120	7	30
sec-Butylbenzene	0.0200	0.0221		mg/Kg		111	78 - 120	9	30
Styrene	0.0200	0.0204		mg/Kg		102	80 - 120	5	30
tert-Butylbenzene	0.0200	0.0213		mg/Kg		106	80 - 120	8	30
Tetrachloroethene	0.0200	0.0190		mg/Kg		95	73 - 120	11	30
Toluene	0.0200	0.0198		mg/Kg		99	80 - 120	8	30
trans-1,2-Dichloroethene	0.0200	0.0205		mg/Kg		103	78 - 120	9	30

Method: 8260D - Volatile Organic Compounds by GC/MS (Continued)

Lab Sample ID: LCSD 460-1068587/4
Matrix: Solid
Analysis Batch: 1068587

Client Sample ID: Lab Control Sample Dup
Prep Type: Total/NA

Analyte			Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
trans-1,3-Dichloropropene			0.0200	0.0181		mg/Kg		91	77 - 120	8	30
Trichloroethene			0.0200	0.0189		mg/Kg		95	80 - 120	6	30
Trichlorofluoromethane			0.0200	0.0218		mg/Kg		109	61 - 130	14	30
Vinyl chloride			0.0200	0.0226		mg/Kg		113	54 - 122	12	30
Xylenes, Total			0.0400	0.0419		mg/Kg		105	80 - 120	8	30

Surrogate	*LCSD %Recovery*	*LCSD Qualifier*	*Limits*
1,2-Dichloroethane-d4 (Surr)	*80*		*65 - 138*
4-Bromofluorobenzene	*97*		*71 - 128*
Dibromofluoromethane (Surr)	*91*		*50 - 150*
Toluene-d8 (Surr)	*98*		*71 - 126*

Method: 8270E - Semivolatile Organic Compounds (GC/MS)

Lab Sample ID: MB 460-1067940/1-A
Matrix: Solid
Analysis Batch: 1068052

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 1067940

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1'-Biphenyl	0.33	U	0.33	0.012	mg/Kg		10/13/25 10:32	10/13/25 21:25	1
1,2,4,5-Tetrachlorobenzene	0.33	U	0.33	0.010	mg/Kg		10/13/25 10:32	10/13/25 21:25	1
1,4-Dioxane	0.033	U	0.033	0.029	mg/Kg		10/13/25 10:32	10/13/25 21:25	1
2,2'-oxybis[1-chloropropane]	0.33	U	0.33	0.020	mg/Kg		10/13/25 10:32	10/13/25 21:25	1
2,3,4,6-Tetrachlorophenol	0.33	U	0.33	0.022	mg/Kg		10/13/25 10:32	10/13/25 21:25	1
2,4,5-Trichlorophenol	0.33	U	0.33	0.034	mg/Kg		10/13/25 10:32	10/13/25 21:25	1
2,4,6-Trichlorophenol	0.13	U	0.13	0.042	mg/Kg		10/13/25 10:32	10/13/25 21:25	1
2,4-Dichlorophenol	0.13	U	0.13	0.021	mg/Kg		10/13/25 10:32	10/13/25 21:25	1
2,4-Dimethylphenol	0.33	U	0.33	0.039	mg/Kg		10/13/25 10:32	10/13/25 21:25	1
2,4-Dinitrophenol	0.27	U	0.27	0.16	mg/Kg		10/13/25 10:32	10/13/25 21:25	1
2,4-Dinitrotoluene	0.067	U	0.067	0.036	mg/Kg		10/13/25 10:32	10/13/25 21:25	1
2,6-Dinitrotoluene	0.067	U	0.067	0.024	mg/Kg		10/13/25 10:32	10/13/25 21:25	1
2-Chloronaphthalene	0.33	U	0.33	0.043	mg/Kg		10/13/25 10:32	10/13/25 21:25	1
2-Chlorophenol	0.33	U	0.33	0.012	mg/Kg		10/13/25 10:32	10/13/25 21:25	1
2-Methylnaphthalene	0.33	U	0.33	0.0093	mg/Kg		10/13/25 10:32	10/13/25 21:25	1
2-Methylphenol	0.33	U	0.33	0.012	mg/Kg		10/13/25 10:32	10/13/25 21:25	1
2-Nitroaniline	0.33	U	0.33	0.025	mg/Kg		10/13/25 10:32	10/13/25 21:25	1
2-Nitrophenol	0.33	U	0.33	0.033	mg/Kg		10/13/25 10:32	10/13/25 21:25	1
3 & 4 Methylphenol	0.33	U	0.33	0.021	mg/Kg		10/13/25 10:32	10/13/25 21:25	1
3,3'-Dichlorobenzidine	0.13	U	0.13	0.050	mg/Kg		10/13/25 10:32	10/13/25 21:25	1
3-Nitroaniline	0.33	U	0.33	0.079	mg/Kg		10/13/25 10:32	10/13/25 21:25	1
4,6-Dinitro-2-methylphenol	0.27	U	0.27	0.14	mg/Kg		10/13/25 10:32	10/13/25 21:25	1
4-Bromophenyl phenyl ether	0.33	U	0.33	0.013	mg/Kg		10/13/25 10:32	10/13/25 21:25	1
4-Chloro-3-methylphenol	0.33	U	0.33	0.019	mg/Kg		10/13/25 10:32	10/13/25 21:25	1
4-Chloroaniline	0.33	U	0.33	0.059	mg/Kg		10/13/25 10:32	10/13/25 21:25	1
4-Chlorophenyl phenyl ether	0.33	U	0.33	0.012	mg/Kg		10/13/25 10:32	10/13/25 21:25	1
4-Methylphenol	0.33	U	0.33	0.021	mg/Kg		10/13/25 10:32	10/13/25 21:25	1
4-Nitroaniline	0.33	U	0.33	0.084	mg/Kg		10/13/25 10:32	10/13/25 21:25	1
4-Nitrophenol	0.67	U	0.67	0.054	mg/Kg		10/13/25 10:32	10/13/25 21:25	1
Acenaphthene	0.33	U	0.33	0.0094	mg/Kg		10/13/25 10:32	10/13/25 21:25	1

Method: 8270E - Semivolatile Organic Compounds (GC/MS) (Continued)

Lab Sample ID: MB 460-1067940/1-A
Matrix: Solid
Analysis Batch: 1068052

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 1067940

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Acenaphthylene	0.33	U	0.33	0.0095	mg/Kg		10/13/25 10:32	10/13/25 21:25	1
Acetophenone	0.33	U	0.33	0.016	mg/Kg		10/13/25 10:32	10/13/25 21:25	1
Anthracene	0.33	U	0.33	0.010	mg/Kg		10/13/25 10:32	10/13/25 21:25	1
Atrazine	0.13	U	0.13	0.019	mg/Kg		10/13/25 10:32	10/13/25 21:25	1
Benzaldehyde	0.33	U	0.33	0.055	mg/Kg		10/13/25 10:32	10/13/25 21:25	1
Benzo[a]anthracene	0.033	U	0.033	0.025	mg/Kg		10/13/25 10:32	10/13/25 21:25	1
Benzo[a]pyrene	0.033	U	0.033	0.0088	mg/Kg		10/13/25 10:32	10/13/25 21:25	1
Benzo[b]fluoranthene	0.033	U	0.033	0.0086	mg/Kg		10/13/25 10:32	10/13/25 21:25	1
Benzo[g,h,i]perylene	0.33	U	0.33	0.0098	mg/Kg		10/13/25 10:32	10/13/25 21:25	1
Benzo[k]fluoranthene	0.033	U	0.033	0.0065	mg/Kg		10/13/25 10:32	10/13/25 21:25	1
Bis(2-chloroethoxy)methane	0.33	U	0.33	0.061	mg/Kg		10/13/25 10:32	10/13/25 21:25	1
Bis(2-chloroethyl)ether	0.033	U	0.033	0.012	mg/Kg		10/13/25 10:32	10/13/25 21:25	1
Bis(2-ethylhexyl) phthalate	0.33	U	0.33	0.017	mg/Kg		10/13/25 10:32	10/13/25 21:25	1
Butyl benzyl phthalate	0.33	U	0.33	0.016	mg/Kg		10/13/25 10:32	10/13/25 21:25	1
Caprolactam	0.33	U	0.33	0.051	mg/Kg		10/13/25 10:32	10/13/25 21:25	1
Carbazole	0.33	U	0.33	0.013	mg/Kg		10/13/25 10:32	10/13/25 21:25	1
Chrysene	0.33	U	0.33	0.014	mg/Kg		10/13/25 10:32	10/13/25 21:25	1
Dibenz(a,h)anthracene	0.033	U	0.033	0.014	mg/Kg		10/13/25 10:32	10/13/25 21:25	1
Dibenzofuran	0.33	U	0.33	0.011	mg/Kg		10/13/25 10:32	10/13/25 21:25	1
Diethyl phthalate	0.33	U	0.33	0.011	mg/Kg		10/13/25 10:32	10/13/25 21:25	1
Dimethyl phthalate	0.33	U	0.33	0.075	mg/Kg		10/13/25 10:32	10/13/25 21:25	1
Di-n-butyl phthalate	0.33	U	0.33	0.012	mg/Kg		10/13/25 10:32	10/13/25 21:25	1
Di-n-octyl phthalate	0.33	U	0.33	0.018	mg/Kg		10/13/25 10:32	10/13/25 21:25	1
Fluoranthene	0.33	U	0.33	0.012	mg/Kg		10/13/25 10:32	10/13/25 21:25	1
Fluorene	0.33	U	0.33	0.0097	mg/Kg		10/13/25 10:32	10/13/25 21:25	1
Hexachlorobenzene	0.033	U	0.033	0.016	mg/Kg		10/13/25 10:32	10/13/25 21:25	1
Hexachlorobutadiene	0.067	U	0.067	0.0070	mg/Kg		10/13/25 10:32	10/13/25 21:25	1
Hexachlorocyclopentadiene	0.33	U	0.33	0.029	mg/Kg		10/13/25 10:32	10/13/25 21:25	1
Hexachloroethane	0.033	U	0.033	0.011	mg/Kg		10/13/25 10:32	10/13/25 21:25	1
Indeno[1,2,3-cd]pyrene	0.033	U	0.033	0.013	mg/Kg		10/13/25 10:32	10/13/25 21:25	1
Isophorone	0.13	U	0.13	0.096	mg/Kg		10/13/25 10:32	10/13/25 21:25	1
Naphthalene	0.33	U	0.33	0.0057	mg/Kg		10/13/25 10:32	10/13/25 21:25	1
Nitrobenzene	0.033	U	0.033	0.018	mg/Kg		10/13/25 10:32	10/13/25 21:25	1
N-Nitrosodi-n-propylamine	0.033	U	0.033	0.024	mg/Kg		10/13/25 10:32	10/13/25 21:25	1
N-Nitrosodiphenylamine	0.33	U	0.33	0.027	mg/Kg		10/13/25 10:32	10/13/25 21:25	1
Pentachlorophenol	0.27	U	0.27	0.068	mg/Kg		10/13/25 10:32	10/13/25 21:25	1
Phenanthrene	0.33	U	0.33	0.014	mg/Kg		10/13/25 10:32	10/13/25 21:25	1
Phenol	0.33	U	0.33	0.012	mg/Kg		10/13/25 10:32	10/13/25 21:25	1
Pyrene	0.33	U	0.33	0.0082	mg/Kg		10/13/25 10:32	10/13/25 21:25	1

Surrogate	*MB %Recovery*	*MB Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
2,4,6-Tribromophenol (Surr)	*77*		*18 - 137*	*10/13/25 10:32*	*10/13/25 21:25*	*1*
2-Fluorobiphenyl	*74*		*33 - 117*	*10/13/25 10:32*	*10/13/25 21:25*	*1*
2-Fluorophenol (Surr)	*80*		*24 - 120*	*10/13/25 10:32*	*10/13/25 21:25*	*1*
Nitrobenzene-d5 (Surr)	*71*		*27 - 120*	*10/13/25 10:32*	*10/13/25 21:25*	*1*
Phenol-d5 (Surr)	*73*		*28 - 118*	*10/13/25 10:32*	*10/13/25 21:25*	*1*
Terphenyl-d14 (Surr)	*83*		*33 - 124*	*10/13/25 10:32*	*10/13/25 21:25*	*1*

Method: 8270E - Semivolatile Organic Compounds (GC/MS) (Continued)

Lab Sample ID: LCS 460-1067940/2-A
Matrix: Solid
Analysis Batch: 1068052

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 1067940

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
1,1'-Biphenyl	3.33	2.54		mg/Kg		76	64 - 120
1,2,4,5-Tetrachlorobenzene	3.33	2.59		mg/Kg		78	60 - 120
1,4-Dioxane	3.33	1.59		mg/Kg		48	31 - 105
2,2'-oxybis[1-chloropropane]	3.33	2.15		mg/Kg		65	50 - 126
2,3,4,6-Tetrachlorophenol	3.33	2.56		mg/Kg		77	62 - 120
2,4,5-Trichlorophenol	3.33	2.61		mg/Kg		78	64 - 120
2,4,6-Trichlorophenol	3.33	2.64		mg/Kg		79	65 - 120
2,4-Dichlorophenol	3.33	2.78		mg/Kg		83	66 - 120
2,4-Dimethylphenol	3.33	2.66		mg/Kg		80	75 - 136
2,4-Dinitrophenol	6.67	5.48		mg/Kg		82	41 - 120
2,4-Dinitrotoluene	3.33	2.63		mg/Kg		79	65 - 124
2,6-Dinitrotoluene	3.33	2.70		mg/Kg		81	67 - 121
2-Chloronaphthalene	3.33	2.53		mg/Kg		76	64 - 120
2-Chlorophenol	3.33	2.66		mg/Kg		80	63 - 120
2-Methylnaphthalene	3.33	2.62		mg/Kg		79	56 - 102
2-Methylphenol	3.33	2.45		mg/Kg		74	63 - 120
2-Nitroaniline	3.33	1.93		mg/Kg		58	52 - 120
2-Nitrophenol	3.33	2.68		mg/Kg		80	64 - 120
3 & 4 Methylphenol	3.33	2.43		mg/Kg		73	61 - 120
3,3'-Dichlorobenzidine	3.33	1.77		mg/Kg		53	10 - 106
3-Nitroaniline	3.33	2.04		mg/Kg		61	18 - 105
4,6-Dinitro-2-methylphenol	6.67	5.55		mg/Kg		83	61 - 127
4-Bromophenyl phenyl ether	3.33	2.74		mg/Kg		82	64 - 120
4-Chloro-3-methylphenol	3.33	2.55		mg/Kg		76	68 - 120
4-Chloroaniline	3.33	1.70		mg/Kg		51	10 - 107
4-Chlorophenyl phenyl ether	3.33	2.59		mg/Kg		78	62 - 120
4-Methylphenol	3.33	2.43		mg/Kg		73	61 - 120
4-Nitroaniline	3.33	2.23		mg/Kg		67	51 - 112
4-Nitrophenol	6.67	4.20		mg/Kg		63	52 - 122
Acenaphthene	3.33	2.30		mg/Kg		69	65 - 120
Acenaphthylene	3.33	2.57		mg/Kg		77	68 - 120
Acetophenone	3.33	2.48		mg/Kg		75	61 - 111
Anthracene	3.33	2.58		mg/Kg		77	67 - 120
Atrazine	1.33	1.30		mg/Kg		97	52 - 150
Benzaldehyde	1.33	1.09		mg/Kg		82	45 - 150
Benzo[a]anthracene	3.33	2.54		mg/Kg		76	66 - 120
Benzo[a]pyrene	3.33	2.61		mg/Kg		78	69 - 123
Benzo[b]fluoranthene	3.33	2.64		mg/Kg		79	66 - 125
Benzo[g,h,i]perylene	3.33	2.35		mg/Kg		70	66 - 138
Benzo[k]fluoranthene	3.33	2.50		mg/Kg		75	67 - 122
Bis(2-chloroethoxy)methane	3.33	2.47		mg/Kg		74	62 - 120
Bis(2-chloroethyl)ether	3.33	2.43		mg/Kg		73	60 - 120
Bis(2-ethylhexyl) phthalate	3.33	2.62		mg/Kg		79	64 - 125
Butyl benzyl phthalate	3.33	2.74		mg/Kg		82	62 - 127
Caprolactam	1.33	1.07		mg/Kg		80	46 - 150
Carbazole	3.33	2.56		mg/Kg		77	64 - 120
Chrysene	3.33	2.59		mg/Kg		78	67 - 120
Dibenz(a,h)anthracene	3.33	2.56		mg/Kg		77	66 - 128

Method: 8270E - Semivolatile Organic Compounds (GC/MS) (Continued)

Lab Sample ID: LCS 460-1067940/2-A
Matrix: Solid
Analysis Batch: 1068052

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 1067940

Analyte			Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits		
Dibenzofuran			3.33	2.47		mg/Kg		74	61 - 120		
Diethyl phthalate			3.33	2.50		mg/Kg		75	63 - 120		
Dimethyl phthalate			3.33	2.60		mg/Kg		78	65 - 120		
Di-n-butyl phthalate			3.33	2.79		mg/Kg		84	61 - 120		
Di-n-octyl phthalate			3.33	2.72		mg/Kg		82	61 - 123		
Fluoranthene			3.33	2.60		mg/Kg		78	61 - 120		
Fluorene			3.33	2.48		mg/Kg		74	64 - 120		
Hexachlorobenzene			3.33	2.82		mg/Kg		84	66 - 120		
Hexachlorobutadiene			3.33	2.72		mg/Kg		81	62 - 120		
Hexachlorocyclopentadiene			3.33	2.55		mg/Kg		77	32 - 150		
Hexachloroethane			3.33	2.42		mg/Kg		72	61 - 112		
Indeno[1,2,3-cd]pyrene			3.33	2.60		mg/Kg		78	63 - 137		
Isophorone			3.33	2.40		mg/Kg		72	61 - 120		
Naphthalene			3.33	2.52		mg/Kg		76	63 - 113		
Nitrobenzene			3.33	2.50		mg/Kg		75	63 - 120		
N-Nitrosodi-n-propylamine			3.33	2.36		mg/Kg		71	60 - 120		
N-Nitrosodiphenylamine			3.33	2.55		mg/Kg		77	63 - 120		
Pentachlorophenol			6.67	5.13		mg/Kg		77	61 - 126		
Phenanthrene			3.33	2.58		mg/Kg		77	66 - 120		
Phenol			3.33	2.53		mg/Kg		76	63 - 120		
Pyrene			3.33	2.66		mg/Kg		80	61 - 121		

Surrogate	*LCS %Recovery*	*LCS Qualifier*	*Limits*
2,4,6-Tribromophenol (Surr)	*76*		*18 - 137*
2-Fluorobiphenyl	*72*		*33 - 117*
2-Fluorophenol (Surr)	*74*		*24 - 120*
Nitrobenzene-d5 (Surr)	*66*		*27 - 120*
Phenol-d5 (Surr)	*69*		*28 - 118*
Terphenyl-d14 (Surr)	*75*		*33 - 124*

Lab Sample ID: LCSD 460-1067940/3-A
Matrix: Solid
Analysis Batch: 1068052

Client Sample ID: Lab Control Sample Dup
Prep Type: Total/NA
Prep Batch: 1067940

Analyte			Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
1,1'-Biphenyl			3.33	2.49		mg/Kg		75	64 - 120	2	30
1,2,4,5-Tetrachlorobenzene			3.33	2.57		mg/Kg		77	60 - 120	1	30
1,4-Dioxane			3.33	1.49		mg/Kg		45	31 - 105	6	30
2,2'-oxybis[1-chloropropane]			3.33	2.18		mg/Kg		65	50 - 126	1	30
2,3,4,6-Tetrachlorophenol			3.33	2.53		mg/Kg		76	62 - 120	1	30
2,4,5-Trichlorophenol			3.33	2.54		mg/Kg		76	64 - 120	3	30
2,4,6-Trichlorophenol			3.33	2.66		mg/Kg		80	65 - 120	1	30
2,4-Dichlorophenol			3.33	2.81		mg/Kg		84	66 - 120	1	30
2,4-Dimethylphenol			3.33	2.65		mg/Kg		80	75 - 136	1	30
2,4-Dinitrophenol			6.67	3.36	*	mg/Kg		50	41 - 120	48	30
2,4-Dinitrotoluene			3.33	2.56		mg/Kg		77	65 - 124	3	30
2,6-Dinitrotoluene			3.33	2.63		mg/Kg		79	67 - 121	3	30
2-Chloronaphthalene			3.33	2.52		mg/Kg		76	64 - 120	0	30

Method: 8270E - Semivolatile Organic Compounds (GC/MS) (Continued)

Lab Sample ID: LCSD 460-1067940/3-A
Matrix: Solid
Analysis Batch: 1068052

Client Sample ID: Lab Control Sample Dup
Prep Type: Total/NA
Prep Batch: 1067940

Analyte	Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
2-Chlorophenol	3.33	2.65		mg/Kg		80	63 - 120	0	30
2-Methylnaphthalene	3.33	2.63		mg/Kg		79	56 - 102	0	30
2-Methylphenol	3.33	2.51		mg/Kg		75	63 - 120	2	30
2-Nitroaniline	3.33	1.95		mg/Kg		58	52 - 120	1	30
2-Nitrophenol	3.33	2.70		mg/Kg		81	64 - 120	1	30
3 & 4 Methylphenol	3.33	2.48		mg/Kg		74	61 - 120	2	30
3,3'-Dichlorobenzidine	3.33	2.25		mg/Kg		67	10 - 106	24	30
3-Nitroaniline	3.33	2.09		mg/Kg		63	18 - 105	2	30
4,6-Dinitro-2-methylphenol	6.67	3.99	*	mg/Kg		60	61 - 127	33	30
4-Bromophenyl phenyl ether	3.33	2.76		mg/Kg		83	64 - 120	1	30
4-Chloro-3-methylphenol	3.33	2.57		mg/Kg		77	68 - 120	1	30
4-Chloroaniline	3.33	1.69		mg/Kg		51	10 - 107	0	30
4-Chlorophenyl phenyl ether	3.33	2.55		mg/Kg		76	62 - 120	2	30
4-Methylphenol	3.33	2.48		mg/Kg		74	61 - 120	2	30
4-Nitroaniline	3.33	2.05		mg/Kg		62	51 - 112	8	30
4-Nitrophenol	6.67	4.26		mg/Kg		64	52 - 122	1	30
Acenaphthene	3.33	2.33		mg/Kg		70	65 - 120	1	30
Acenaphthylene	3.33	2.52		mg/Kg		75	68 - 120	2	30
Acetophenone	3.33	2.54		mg/Kg		76	61 - 111	2	30
Anthracene	3.33	2.56		mg/Kg		77	67 - 120	1	30
Atrazine	1.33	1.31		mg/Kg		98	52 - 150	1	30
Benzaldehyde	1.33	1.06		mg/Kg		80	45 - 150	3	30
Benzo[a]anthracene	3.33	2.54		mg/Kg		76	66 - 120	0	30
Benzo[a]pyrene	3.33	2.61		mg/Kg		78	69 - 123	0	30
Benzo[b]fluoranthene	3.33	2.58		mg/Kg		77	66 - 125	2	30
Benzo[g,h,i]perylene	3.33	2.54		mg/Kg		76	66 - 138	8	30
Benzo[k]fluoranthene	3.33	2.49		mg/Kg		75	67 - 122	0	30
Bis(2-chloroethoxy)methane	3.33	2.50		mg/Kg		75	62 - 120	1	30
Bis(2-chloroethyl)ether	3.33	2.41		mg/Kg		72	60 - 120	1	30
Bis(2-ethylhexyl) phthalate	3.33	2.67		mg/Kg		80	64 - 125	2	30
Butyl benzyl phthalate	3.33	2.79		mg/Kg		84	62 - 127	2	30
Caprolactam	1.33	1.09		mg/Kg		82	46 - 150	2	30
Carbazole	3.33	2.54		mg/Kg		76	64 - 120	0	30
Chrysene	3.33	2.59		mg/Kg		78	67 - 120	0	30
Dibenz(a,h)anthracene	3.33	2.68		mg/Kg		80	66 - 128	5	30
Dibenzofuran	3.33	2.45		mg/Kg		74	61 - 120	1	30
Diethyl phthalate	3.33	2.49		mg/Kg		75	63 - 120	0	30
Dimethyl phthalate	3.33	2.55		mg/Kg		76	65 - 120	2	30
Di-n-butyl phthalate	3.33	2.80		mg/Kg		84	61 - 120	0	30
Di-n-octyl phthalate	3.33	2.70		mg/Kg		81	61 - 123	1	30
Fluoranthene	3.33	2.54		mg/Kg		76	61 - 120	3	30
Fluorene	3.33	2.48		mg/Kg		74	64 - 120	0	30
Hexachlorobenzene	3.33	2.81		mg/Kg		84	66 - 120	0	30
Hexachlorobutadiene	3.33	2.72		mg/Kg		82	62 - 120	0	30
Hexachlorocyclopentadiene	3.33	1.89		mg/Kg		57	32 - 150	30	30
Hexachloroethane	3.33	2.41		mg/Kg		72	61 - 112	0	30
Indeno[1,2,3-cd]pyrene	3.33	2.72		mg/Kg		82	63 - 137	5	30
Isophorone	3.33	2.38		mg/Kg		71	61 - 120	1	30
Naphthalene	3.33	2.52		mg/Kg		76	63 - 113	0	30

Method: 8270E - Semivolatile Organic Compounds (GC/MS) (Continued)

Lab Sample ID: LCSD 460-1067940/3-A
Matrix: Solid
Analysis Batch: 1068052

Client Sample ID: Lab Control Sample Dup
Prep Type: Total/NA
Prep Batch: 1067940

Analyte			Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Nitrobenzene			3.33	2.57		mg/Kg		77	63 - 120	3	30
N-Nitrosodi-n-propylamine			3.33	2.39		mg/Kg		72	60 - 120	1	30
N-Nitrosodiphenylamine			3.33	2.61		mg/Kg		78	63 - 120	2	30
Pentachlorophenol			6.67	5.13		mg/Kg		77	61 - 126	0	30
Phenanthrene			3.33	2.60		mg/Kg		78	66 - 120	1	30
Phenol			3.33	2.55		mg/Kg		76	63 - 120	1	30
Pyrene			3.33	2.66		mg/Kg		80	61 - 121	0	30

Surrogate	*LCSD %Recovery*	*LCSD Qualifier*	*Limits*
2,4,6-Tribromophenol (Surr)	*74*		*18 - 137*
2-Fluorobiphenyl	*69*		*33 - 117*
2-Fluorophenol (Surr)	*74*		*24 - 120*
Nitrobenzene-d5 (Surr)	*67*		*27 - 120*
Phenol-d5 (Surr)	*70*		*28 - 118*
Terphenyl-d14 (Surr)	*76*		*33 - 124*

Lab Sample ID: 460-337043-D-6-C MS
Matrix: Solid
Analysis Batch: 1068052

Client Sample ID: Matrix Spike
Prep Type: Total/NA
Prep Batch: 1067940

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec Limits
1,1'-Biphenyl	0.44	U	4.42	2.94		mg/Kg	☼	66	64 - 120
1,2,4,5-Tetrachlorobenzene	0.44	U	4.42	3.02		mg/Kg	☼	68	60 - 120
1,4-Dioxane	0.044	U	4.42	1.75		mg/Kg	☼	39	31 - 105
2,2'-oxybis[1-chloropropane]	0.44	U	4.42	2.61		mg/Kg	☼	59	50 - 126
2,3,4,6-Tetrachlorophenol	0.44	U	4.42	3.13		mg/Kg	☼	71	62 - 120
2,4,5-Trichlorophenol	0.44	U	4.42	3.14		mg/Kg	☼	71	64 - 120
2,4,6-Trichlorophenol	0.18	U	4.42	3.14		mg/Kg	☼	71	65 - 120
2,4-Dichlorophenol	0.18	U	4.42	3.36		mg/Kg	☼	76	66 - 120
2,4-Dimethylphenol	0.44	U	4.42	3.22	*	mg/Kg	☼	73	75 - 136
2,4-Dinitrophenol	0.35	U *	8.85	1.29	*	mg/Kg	☼	15	41 - 120
2,4-Dinitrotoluene	0.089	U	4.42	3.08		mg/Kg	☼	70	65 - 124
2,6-Dinitrotoluene	0.089	U	4.42	3.15		mg/Kg	☼	71	67 - 121
2-Chloronaphthalene	0.44	U	4.42	3.01		mg/Kg	☼	68	64 - 120
2-Chlorophenol	0.44	U	4.42	3.23		mg/Kg	☼	73	63 - 120
2-Methylnaphthalene	0.025	J	4.42	3.23		mg/Kg	☼	72	56 - 102
2-Methylphenol	0.44	U	4.42	3.16		mg/Kg	☼	71	63 - 120
2-Nitroaniline	0.44	U	4.42	2.39		mg/Kg	☼	54	52 - 120
2-Nitrophenol	0.44	U	4.42	3.06		mg/Kg	☼	69	64 - 120
3 & 4 Methylphenol	0.078	J	4.42	3.18		mg/Kg	☼	70	61 - 120
3,3'-Dichlorobenzidine	0.18	U	4.42	2.86		mg/Kg	☼	65	10 - 106
3-Nitroaniline	0.44	U	4.42	2.84		mg/Kg	☼	64	18 - 105
4,6-Dinitro-2-methylphenol	0.35	U *	8.85	1.95	*	mg/Kg	☼	22	61 - 127
4-Bromophenyl phenyl ether	0.44	U	4.42	3.19		mg/Kg	☼	72	64 - 120
4-Chloro-3-methylphenol	0.44	U	4.42	3.19		mg/Kg	☼	72	68 - 120
4-Chloroaniline	0.44	U	4.42	2.45		mg/Kg	☼	55	10 - 107
4-Chlorophenyl phenyl ether	0.44	U	4.42	3.09		mg/Kg	☼	70	62 - 120
4-Methylphenol	0.078	J	4.42	3.18		mg/Kg	☼	70	61 - 120

Method: 8270E - Semivolatile Organic Compounds (GC/MS) (Continued)

Lab Sample ID: 460-337043-D-6-C MS
Matrix: Solid
Analysis Batch: 1068052

Client Sample ID: Matrix Spike
Prep Type: Total/NA
Prep Batch: 1067940

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec Limits
4-Nitroaniline	0.44	U	4.42	2.58		mg/Kg	☼	58	51 - 112
4-Nitrophenol	0.89	U	8.85	5.28		mg/Kg	☼	60	52 - 122
Acenaphthene	0.023	J	4.42	2.79	*	mg/Kg	☼	62	65 - 120
Acenaphthylene	0.059	J	4.42	3.08		mg/Kg	☼	68	68 - 120
Acetophenone	0.44	U	4.42	3.09		mg/Kg	☼	70	61 - 111
Anthracene	0.057	J	4.42	3.09		mg/Kg	☼	69	67 - 120
Atrazine	0.18	U	1.77	1.76		mg/Kg	☼	100	52 - 150
Benzaldehyde	0.44	U	1.77	1.44	E	mg/Kg	☼	81	45 - 150
Benzo[a]anthracene	0.14		4.42	3.14		mg/Kg	☼	68	66 - 120
Benzo[a]pyrene	0.15		4.42	3.22		mg/Kg	☼	69	69 - 123
Benzo[b]fluoranthene	0.20		4.42	3.20		mg/Kg	☼	68	66 - 125
Benzo[g,h,i]perylene	0.11	J	4.42	2.74	*	mg/Kg	☼	59	66 - 138
Benzo[k]fluoranthene	0.078		4.42	3.00	*	mg/Kg	☼	66	67 - 122
Bis(2-chloroethoxy)methane	0.44	U	4.42	2.89		mg/Kg	☼	65	62 - 120
Bis(2-chloroethyl)ether	0.044	U	4.42	2.85		mg/Kg	☼	64	60 - 120
Bis(2-ethylhexyl) phthalate	0.44	U	4.42	3.05		mg/Kg	☼	69	64 - 125
Butyl benzyl phthalate	0.44	U	4.42	3.21		mg/Kg	☼	73	62 - 127
Caprolactam	0.44	U	1.77	1.57		mg/Kg	☼	89	46 - 150
Carbazole	0.026	J	4.42	3.06		mg/Kg	☼	69	64 - 120
Chrysene	0.18	J	4.42	3.19		mg/Kg	☼	68	67 - 120
Dibenz(a,h)anthracene	0.024	J	4.42	3.03		mg/Kg	☼	68	66 - 128
Dibenzofuran	0.032	J	4.42	2.98		mg/Kg	☼	67	61 - 120
Diethyl phthalate	0.44	U	4.42	2.97		mg/Kg	☼	67	63 - 120
Dimethyl phthalate	0.44	U	4.42	3.02		mg/Kg	☼	68	65 - 120
Di-n-butyl phthalate	0.44	U	4.42	3.28		mg/Kg	☼	74	61 - 120
Di-n-octyl phthalate	0.44	U	4.42	3.09		mg/Kg	☼	70	61 - 123
Fluoranthene	0.45		4.42	3.37		mg/Kg	☼	66	61 - 120
Fluorene	0.035	J	4.42	3.06		mg/Kg	☼	68	64 - 120
Hexachlorobenzene	0.044	U	4.42	3.26		mg/Kg	☼	74	66 - 120
Hexachlorobutadiene	0.089	U	4.42	3.09		mg/Kg	☼	70	62 - 120
Hexachlorocyclopentadiene	0.44	U	4.42	0.921	*	mg/Kg	☼	21	32 - 150
Hexachloroethane	0.044	U	4.42	2.50	*	mg/Kg	☼	56	61 - 112
Indeno[1,2,3-cd]pyrene	0.099		4.42	3.02		mg/Kg	☼	66	63 - 137
Isophorone	0.18	U	4.42	2.83		mg/Kg	☼	64	61 - 120
Naphthalene	0.55		4.42	3.36		mg/Kg	☼	63	63 - 113
Nitrobenzene	0.044	U	4.42	3.14		mg/Kg	☼	71	63 - 120
N-Nitrosodi-n-propylamine	0.044	U	4.42	2.96		mg/Kg	☼	67	60 - 120
N-Nitrosodiphenylamine	0.44	U	4.42	3.00		mg/Kg	☼	68	63 - 120
Pentachlorophenol	0.35	U	8.85	6.31		mg/Kg	☼	71	61 - 126
Phenanthrene	0.42	J	4.42	3.35		mg/Kg	☼	66	66 - 120
Phenol	0.44	U	4.42	3.18		mg/Kg	☼	72	63 - 120
Pyrene	0.40	J	4.42	3.35		mg/Kg	☼	67	61 - 121

Surrogate	*MS %Recovery*	*MS Qualifier*	*Limits*
2,4,6-Tribromophenol (Surr)	*63*		*18 - 137*
2-Fluorobiphenyl	*55*		*33 - 117*
2-Fluorophenol (Surr)	*58*		*24 - 120*
Nitrobenzene-d5 (Surr)	*53*		*27 - 120*

Method: 8270E - Semivolatile Organic Compounds (GC/MS) (Continued)

Lab Sample ID: 460-337043-D-6-C MS
Matrix: Solid
Analysis Batch: 1068052

Client Sample ID: Matrix Spike
Prep Type: Total/NA
Prep Batch: 1067940

Surrogate	MS %Recovery	MS Qualifier	Limits
Phenol-d5 (Surr)	*59*		*28 - 118*
Terphenyl-d14 (Surr)	*60*		*33 - 124*

Lab Sample ID: 460-337043-D-6-D MSD
Matrix: Solid
Analysis Batch: 1068052

Client Sample ID: Matrix Spike Duplicate
Prep Type: Total/NA
Prep Batch: 1067940

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
1,1'-Biphenyl	0.44	U	4.41	3.51		mg/Kg	☼	80	64 - 120	18	30
1,2,4,5-Tetrachlorobenzene	0.44	U	4.41	3.60		mg/Kg	☼	81	60 - 120	17	30
1,4-Dioxane	0.044	U	4.41	2.15		mg/Kg	☼	49	31 - 105	21	30
2,2'-oxybis[1-chloropropane]	0.44	U	4.41	3.11		mg/Kg	☼	70	50 - 126	18	30
2,3,4,6-Tetrachlorophenol	0.44	U	4.41	3.67		mg/Kg	☼	83	62 - 120	16	30
2,4,5-Trichlorophenol	0.44	U	4.41	3.70		mg/Kg	☼	84	64 - 120	16	30
2,4,6-Trichlorophenol	0.18	U	4.41	3.73		mg/Kg	☼	84	65 - 120	17	30
2,4-Dichlorophenol	0.18	U	4.41	3.97		mg/Kg	☼	90	66 - 120	17	30
2,4-Dimethylphenol	0.44	U	4.41	3.75		mg/Kg	☼	85	75 - 136	15	30
2,4-Dinitrophenol	0.35	U *	8.83	1.17	*	mg/Kg	☼	13	41 - 120	10	30
2,4-Dinitrotoluene	0.089	U	4.41	3.62		mg/Kg	☼	82	65 - 124	16	30
2,6-Dinitrotoluene	0.089	U	4.41	3.74		mg/Kg	☼	85	67 - 121	17	30
2-Chloronaphthalene	0.44	U	4.41	3.59		mg/Kg	☼	81	64 - 120	18	30
2-Chlorophenol	0.44	U	4.41	3.78		mg/Kg	☼	86	63 - 120	16	30
2-Methylnaphthalene	0.025	J	4.41	3.75		mg/Kg	☼	84	56 - 102	15	30
2-Methylphenol	0.44	U	4.41	3.66		mg/Kg	☼	83	63 - 120	15	30
2-Nitroaniline	0.44	U	4.41	2.81		mg/Kg	☼	64	52 - 120	16	30
2-Nitrophenol	0.44	U	4.41	3.57		mg/Kg	☼	81	64 - 120	15	30
3 & 4 Methylphenol	0.078	J	4.41	3.76		mg/Kg	☼	83	61 - 120	17	30
3,3'-Dichlorobenzidine	0.18	U	4.41	3.38		mg/Kg	☼	77	10 - 106	16	30
3-Nitroaniline	0.44	U	4.41	3.18		mg/Kg	☼	72	18 - 105	11	30
4,6-Dinitro-2-methylphenol	0.35	U *	8.83	2.05	*	mg/Kg	☼	23	61 - 127	5	30
4-Bromophenyl phenyl ether	0.44	U	4.41	3.91		mg/Kg	☼	89	64 - 120	20	30
4-Chloro-3-methylphenol	0.44	U	4.41	3.78		mg/Kg	☼	86	68 - 120	17	30
4-Chloroaniline	0.44	U	4.41	2.47		mg/Kg	☼	56	10 - 107	1	30
4-Chlorophenyl phenyl ether	0.44	U	4.41	3.60		mg/Kg	☼	82	62 - 120	15	30
4-Methylphenol	0.078	J	4.41	3.76		mg/Kg	☼	83	61 - 120	17	30
4-Nitroaniline	0.44	U	4.41	2.86		mg/Kg	☼	65	51 - 112	10	30
4-Nitrophenol	0.89	U	8.83	6.13		mg/Kg	☼	69	52 - 122	15	30
Acenaphthene	0.023	J	4.41	3.29		mg/Kg	☼	74	65 - 120	17	30
Acenaphthylene	0.059	J	4.41	3.68		mg/Kg	☼	82	68 - 120	18	30
Acetophenone	0.44	U	4.41	3.59		mg/Kg	☼	81	61 - 111	15	30
Anthracene	0.057	J	4.41	3.72		mg/Kg	☼	83	67 - 120	19	30
Atrazine	0.18	U	1.77	1.99		mg/Kg	☼	112	52 - 150	12	30
Benzaldehyde	0.44	U	1.77	1.57	E	mg/Kg	☼	89	45 - 150	9	30
Benzo[a]anthracene	0.14		4.41	3.78		mg/Kg	☼	82	66 - 120	19	30
Benzo[a]pyrene	0.15		4.41	3.88		mg/Kg	☼	84	69 - 123	19	30
Benzo[b]fluoranthene	0.20		4.41	3.85		mg/Kg	☼	83	66 - 125	18	30
Benzo[g,h,i]perylene	0.11	J	4.41	3.20		mg/Kg	☼	70	66 - 138	16	30
Benzo[k]fluoranthene	0.078		4.41	3.64		mg/Kg	☼	81	67 - 122	19	30

Method: 8270E - Semivolatile Organic Compounds (GC/MS) (Continued)

Lab Sample ID: 460-337043-D-6-D MSD
Matrix: Solid
Analysis Batch: 1068052

Client Sample ID: Matrix Spike Duplicate
Prep Type: Total/NA
Prep Batch: 1067940

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Bis(2-chloroethoxy)methane	0.44	U	4.41	3.43		mg/Kg	☼	78	62 - 120	17	30
Bis(2-chloroethyl)ether	0.044	U	4.41	3.36		mg/Kg	☼	76	60 - 120	16	30
Bis(2-ethylhexyl) phthalate	0.44	U	4.41	3.68		mg/Kg	☼	83	64 - 125	19	30
Butyl benzyl phthalate	0.44	U	4.41	3.83		mg/Kg	☼	87	62 - 127	18	30
Caprolactam	0.44	U	1.77	1.71		mg/Kg	☼	97	46 - 150	8	30
Carbazole	0.026	J	4.41	3.69		mg/Kg	☼	83	64 - 120	19	30
Chrysene	0.18	J	4.41	3.93		mg/Kg	☼	85	67 - 120	21	30
Dibenz(a,h)anthracene	0.024	J	4.41	3.58		mg/Kg	☼	80	66 - 128	17	30
Dibenzofuran	0.032	J	4.41	3.55		mg/Kg	☼	80	61 - 120	18	30
Diethyl phthalate	0.44	U	4.41	3.52		mg/Kg	☼	80	63 - 120	17	30
Dimethyl phthalate	0.44	U	4.41	3.61		mg/Kg	☼	82	65 - 120	18	30
Di-n-butyl phthalate	0.44	U	4.41	4.04		mg/Kg	☼	92	61 - 120	21	30
Di-n-octyl phthalate	0.44	U	4.41	3.63		mg/Kg	☼	82	61 - 123	16	30
Fluoranthene	0.45		4.41	4.23		mg/Kg	☼	86	61 - 120	23	30
Fluorene	0.035	J	4.41	3.61		mg/Kg	☼	81	64 - 120	16	30
Hexachlorobenzene	0.044	U	4.41	3.92		mg/Kg	☼	89	66 - 120	19	30
Hexachlorobutadiene	0.089	U	4.41	3.61		mg/Kg	☼	82	62 - 120	16	30
Hexachlorocyclopentadiene	0.44	U	4.41	1.01	*	mg/Kg	☼	23	32 - 150	10	30
Hexachloroethane	0.044	U	4.41	2.98		mg/Kg	☼	67	61 - 112	18	30
Indeno[1,2,3-cd]pyrene	0.099		4.41	3.65		mg/Kg	☼	81	63 - 137	19	30
Isophorone	0.18	U	4.41	3.28		mg/Kg	☼	74	61 - 120	15	30
Naphthalene	0.55		4.41	4.19		mg/Kg	☼	82	63 - 113	22	30
Nitrobenzene	0.044	U	4.41	3.62		mg/Kg	☼	82	63 - 120	14	30
N-Nitrosodi-n-propylamine	0.044	U	4.41	3.45		mg/Kg	☼	78	60 - 120	15	30
N-Nitrosodiphenylamine	0.44	U	4.41	3.72		mg/Kg	☼	84	63 - 120	21	30
Pentachlorophenol	0.35	U	8.83	7.50		mg/Kg	☼	85	61 - 126	17	30
Phenanthrene	0.42	J	4.41	4.24		mg/Kg	☼	86	66 - 120	23	30
Phenol	0.44	U	4.41	3.60		mg/Kg	☼	82	63 - 120	12	30
Pyrene	0.40	J	4.41	4.15		mg/Kg	☼	85	61 - 121	21	30

Surrogate	*MSD %Recovery*	*MSD Qualifier*	*Limits*
2,4,6-Tribromophenol (Surr)	*78*		*18 - 137*
2-Fluorobiphenyl	*71*		*33 - 117*
2-Fluorophenol (Surr)	*74*		*24 - 120*
Nitrobenzene-d5 (Surr)	*66*		*27 - 120*
Phenol-d5 (Surr)	*73*		*28 - 118*
Terphenyl-d14 (Surr)	*75*		*33 - 124*

Method: 8081B - Organochlorine Pesticides (GC)

Lab Sample ID: MB 460-1067860/1-A
Matrix: Solid
Analysis Batch: 1068369

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 1067860

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
4,4'-DDD	0.0067	U	0.0067	0.0011	mg/Kg		10/13/25 05:42	10/15/25 04:20	1
4,4'-DDD	0.0067	U	0.0067	0.0011	mg/Kg		10/13/25 05:42	10/15/25 04:20	1
4,4'-DDE	0.0067	U	0.0067	0.00079	mg/Kg		10/13/25 05:42	10/15/25 04:20	1
4,4'-DDE	0.0067	U	0.0067	0.00079	mg/Kg		10/13/25 05:42	10/15/25 04:20	1

Method: 8081B - Organochlorine Pesticides (GC) (Continued)

Lab Sample ID: MB 460-1067860/1-A
Matrix: Solid
Analysis Batch: 1068369

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 1067860

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
4,4'-DDT	0.0067	U	0.0067	0.0012	mg/Kg		10/13/25 05:42	10/15/25 04:20	1
4,4'-DDT	0.0067	U	0.0067	0.0012	mg/Kg		10/13/25 05:42	10/15/25 04:20	1
Aldrin	0.0067	U	0.0067	0.0010	mg/Kg		10/13/25 05:42	10/15/25 04:20	1
Aldrin	0.0067	U	0.0067	0.0010	mg/Kg		10/13/25 05:42	10/15/25 04:20	1
alpha-BHC	0.0020	U	0.0020	0.00068	mg/Kg		10/13/25 05:42	10/15/25 04:20	1
alpha-BHC	0.0020	U	0.0020	0.00068	mg/Kg		10/13/25 05:42	10/15/25 04:20	1
beta-BHC	0.0020	U	0.0020	0.00075	mg/Kg		10/13/25 05:42	10/15/25 04:20	1
beta-BHC	0.0020	U	0.0020	0.00075	mg/Kg		10/13/25 05:42	10/15/25 04:20	1
Chlordane (technical)	0.067	U	0.067	0.016	mg/Kg		10/13/25 05:42	10/15/25 04:20	1
Chlordane (technical)	0.067	U	0.067	0.016	mg/Kg		10/13/25 05:42	10/15/25 04:20	1
cis-Chlordane	0.0067	U	0.0067	0.0011	mg/Kg		10/13/25 05:42	10/15/25 04:20	1
cis-Chlordane	0.0067	U	0.0067	0.0011	mg/Kg		10/13/25 05:42	10/15/25 04:20	1
delta-BHC	0.0020	U	0.0020	0.00041	mg/Kg		10/13/25 05:42	10/15/25 04:20	1
delta-BHC	0.0020	U	0.0020	0.00041	mg/Kg		10/13/25 05:42	10/15/25 04:20	1
Dieldrin	0.0020	U	0.0020	0.00087	mg/Kg		10/13/25 05:42	10/15/25 04:20	1
Dieldrin	0.0020	U	0.0020	0.00087	mg/Kg		10/13/25 05:42	10/15/25 04:20	1
Endosulfan I	0.0067	U	0.0067	0.0010	mg/Kg		10/13/25 05:42	10/15/25 04:20	1
Endosulfan I	0.0067	U	0.0067	0.0010	mg/Kg		10/13/25 05:42	10/15/25 04:20	1
Endosulfan II	0.0067	U	0.0067	0.0017	mg/Kg		10/13/25 05:42	10/15/25 04:20	1
Endosulfan II	0.0067	U	0.0067	0.0017	mg/Kg		10/13/25 05:42	10/15/25 04:20	1
Endosulfan sulfate	0.0067	U	0.0067	0.00084	mg/Kg		10/13/25 05:42	10/15/25 04:20	1
Endosulfan sulfate	0.0067	U	0.0067	0.00084	mg/Kg		10/13/25 05:42	10/15/25 04:20	1
Endrin	0.0067	U	0.0067	0.00096	mg/Kg		10/13/25 05:42	10/15/25 04:20	1
Endrin	0.0067	U	0.0067	0.00096	mg/Kg		10/13/25 05:42	10/15/25 04:20	1
Endrin aldehyde	0.0067	U	0.0067	0.0016	mg/Kg		10/13/25 05:42	10/15/25 04:20	1
Endrin aldehyde	0.0067	U	0.0067	0.0016	mg/Kg		10/13/25 05:42	10/15/25 04:20	1
Endrin ketone	0.0067	U	0.0067	0.0013	mg/Kg		10/13/25 05:42	10/15/25 04:20	1
Endrin ketone	0.0067	U	0.0067	0.0013	mg/Kg		10/13/25 05:42	10/15/25 04:20	1
gamma-BHC (Lindane)	0.0020	U	0.0020	0.00062	mg/Kg		10/13/25 05:42	10/15/25 04:20	1
gamma-BHC (Lindane)	0.0020	U	0.0020	0.00062	mg/Kg		10/13/25 05:42	10/15/25 04:20	1
Heptachlor	0.0067	U	0.0067	0.00079	mg/Kg		10/13/25 05:42	10/15/25 04:20	1
Heptachlor	0.0067	U	0.0067	0.00079	mg/Kg		10/13/25 05:42	10/15/25 04:20	1
Heptachlor epoxide	0.0067	U	0.0067	0.0010	mg/Kg		10/13/25 05:42	10/15/25 04:20	1
Heptachlor epoxide	0.0067	U	0.0067	0.0010	mg/Kg		10/13/25 05:42	10/15/25 04:20	1
Methoxychlor	0.0067	U	0.0067	0.0015	mg/Kg		10/13/25 05:42	10/15/25 04:20	1
Methoxychlor	0.0067	U	0.0067	0.0015	mg/Kg		10/13/25 05:42	10/15/25 04:20	1
Toxaphene	0.067	U	0.067	0.024	mg/Kg		10/13/25 05:42	10/15/25 04:20	1
Toxaphene	0.067	U	0.067	0.024	mg/Kg		10/13/25 05:42	10/15/25 04:20	1

Surrogate	*MB %Recovery*	*MB Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
DCB Decachlorobiphenyl	*93*		*10 - 150*	*10/13/25 05:42*	*10/15/25 04:20*	*1*
DCB Decachlorobiphenyl	*88*		*10 - 150*	*10/13/25 05:42*	*10/15/25 04:20*	*1*
Tetrachloro-m-xylene	*107*		*14 - 150*	*10/13/25 05:42*	*10/15/25 04:20*	*1*
Tetrachloro-m-xylene	*105*		*14 - 150*	*10/13/25 05:42*	*10/15/25 04:20*	*1*

Method: 8081B - Organochlorine Pesticides (GC) (Continued)

Lab Sample ID: LCS 460-1067860/2-A
Matrix: Solid
Analysis Batch: 1068369

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 1067860

Analyte			Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits		
4,4'-DDD			0.133	0.139		mg/Kg		104	71 - 134		
4,4'-DDD			0.133	0.135		mg/Kg		101	71 - 134		
4,4'-DDE			0.133	0.153		mg/Kg		115	71 - 137		
4,4'-DDE			0.133	0.133		mg/Kg		100	71 - 137		
4,4'-DDT			0.133	0.152		mg/Kg		114	69 - 140		
4,4'-DDT			0.133	0.149		mg/Kg		112	69 - 140		
Aldrin			0.133	0.146		mg/Kg		110	68 - 136		
Aldrin			0.133	0.125		mg/Kg		94	68 - 136		
alpha-BHC			0.133	0.141		mg/Kg		106	71 - 136		
alpha-BHC			0.133	0.136		mg/Kg		102	71 - 136		
beta-BHC			0.133	0.137		mg/Kg		103	67 - 133		
beta-BHC			0.133	0.121		mg/Kg		91	67 - 133		
cis-Chlordane			0.133	0.151		mg/Kg		113	70 - 140		
cis-Chlordane			0.133	0.131		mg/Kg		98	70 - 140		
delta-BHC			0.133	0.148		mg/Kg		111	70 - 135		
delta-BHC			0.133	0.143		mg/Kg		107	70 - 135		
Dieldrin			0.133	0.147		mg/Kg		110	71 - 135		
Dieldrin			0.133	0.133		mg/Kg		100	71 - 135		
Endosulfan I			0.133	0.152		mg/Kg		114	70 - 141		
Endosulfan I			0.133	0.135		mg/Kg		101	70 - 141		
Endosulfan II			0.133	0.149		mg/Kg		112	75 - 141		
Endosulfan II			0.133	0.137		mg/Kg		103	75 - 141		
Endosulfan sulfate			0.133	0.149		mg/Kg		111	67 - 130		
Endosulfan sulfate			0.133	0.125		mg/Kg		93	67 - 130		
Endrin			0.133	0.149		mg/Kg		112	66 - 143		
Endrin			0.133	0.135		mg/Kg		101	66 - 143		
Endrin aldehyde			0.133	0.153		mg/Kg		114	70 - 132		
Endrin aldehyde			0.133	0.126		mg/Kg		94	70 - 132		
Endrin ketone			0.133	0.161		mg/Kg		121	66 - 137		
Endrin ketone			0.133	0.128		mg/Kg		96	66 - 137		
gamma-BHC (Lindane)			0.133	0.145		mg/Kg		109	71 - 137		
gamma-BHC (Lindane)			0.133	0.134		mg/Kg		101	71 - 137		
Heptachlor			0.133	0.149		mg/Kg		112	70 - 140		
Heptachlor			0.133	0.138		mg/Kg		103	70 - 140		
Heptachlor epoxide			0.133	0.151		mg/Kg		114	70 - 135		
Heptachlor epoxide			0.133	0.135		mg/Kg		101	70 - 135		
Methoxychlor			0.133	0.143		mg/Kg		107	63 - 138		
Methoxychlor			0.133	0.146		mg/Kg		110	63 - 138		

Surrogate	*LCS %Recovery*	*LCS Qualifier*	*Limits*
DCB Decachlorobiphenyl	*75*		*10 - 150*
DCB Decachlorobiphenyl	*73*		*10 - 150*
Tetrachloro-m-xylene	*91*		*14 - 150*
Tetrachloro-m-xylene	*89*		*14 - 150*

Method: 8081B - Organochlorine Pesticides (GC) (Continued)

Lab Sample ID: LCSD 460-1067860/3-A
Matrix: Solid
Analysis Batch: 1068369

Client Sample ID: Lab Control Sample Dup
Prep Type: Total/NA
Prep Batch: 1067860

Analyte			Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
4,4'-DDD			0.133	0.138		mg/Kg		104	71 - 134	1	30
4,4'-DDD			0.133	0.133		mg/Kg		100	71 - 134	2	30
4,4'-DDE			0.133	0.152		mg/Kg		114	71 - 137	1	30
4,4'-DDE			0.133	0.129		mg/Kg		97	71 - 137	3	30
4,4'-DDT			0.133	0.148		mg/Kg		111	69 - 140	2	30
4,4'-DDT			0.133	0.143		mg/Kg		107	69 - 140	4	30
Aldrin			0.133	0.145		mg/Kg		109	68 - 136	1	30
Aldrin			0.133	0.122		mg/Kg		92	68 - 136	2	30
alpha-BHC			0.133	0.141		mg/Kg		106	71 - 136	0	30
alpha-BHC			0.133	0.133		mg/Kg		100	71 - 136	2	30
beta-BHC			0.133	0.139		mg/Kg		104	67 - 133	1	30
beta-BHC			0.133	0.119		mg/Kg		89	67 - 133	2	30
cis-Chlordane			0.133	0.149		mg/Kg		112	70 - 140	1	30
cis-Chlordane			0.133	0.129		mg/Kg		96	70 - 140	2	30
delta-BHC			0.133	0.146		mg/Kg		110	70 - 135	1	30
delta-BHC			0.133	0.139		mg/Kg		104	70 - 135	3	30
Dieldrin			0.133	0.146		mg/Kg		109	71 - 135	1	30
Dieldrin			0.133	0.130		mg/Kg		98	71 - 135	3	30
Endosulfan I			0.133	0.150		mg/Kg		112	70 - 141	1	30
Endosulfan I			0.133	0.133		mg/Kg		99	70 - 141	2	30
Endosulfan II			0.133	0.148		mg/Kg		111	75 - 141	1	30
Endosulfan II			0.133	0.134		mg/Kg		101	75 - 141	2	30
Endosulfan sulfate			0.133	0.146		mg/Kg		110	67 - 130	2	30
Endosulfan sulfate			0.133	0.121		mg/Kg		91	67 - 130	3	30
Endrin			0.133	0.147		mg/Kg		110	66 - 143	1	30
Endrin			0.133	0.131		mg/Kg		98	66 - 143	3	30
Endrin aldehyde			0.133	0.150		mg/Kg		112	70 - 132	2	30
Endrin aldehyde			0.133	0.122		mg/Kg		91	70 - 132	3	30
Endrin ketone			0.133	0.158		mg/Kg		118	66 - 137	2	30
Endrin ketone			0.133	0.125		mg/Kg		94	66 - 137	2	30
gamma-BHC (Lindane)			0.133	0.145		mg/Kg		109	71 - 137	0	30
gamma-BHC (Lindane)			0.133	0.131		mg/Kg		98	71 - 137	2	30
Heptachlor			0.133	0.148		mg/Kg		111	70 - 140	1	30
Heptachlor			0.133	0.134		mg/Kg		101	70 - 140	2	30
Heptachlor epoxide			0.133	0.150		mg/Kg		113	70 - 135	1	30
Heptachlor epoxide			0.133	0.132		mg/Kg		99	70 - 135	2	30
Methoxychlor			0.133	0.139		mg/Kg		104	63 - 138	3	30
Methoxychlor			0.133	0.139		mg/Kg		104	63 - 138	5	30

Surrogate	*LCSD %Recovery*	*LCSD Qualifier*	*Limits*
DCB Decachlorobiphenyl	*73*		*10 - 150*
DCB Decachlorobiphenyl	*72*		*10 - 150*
Tetrachloro-m-xylene	*87*		*14 - 150*
Tetrachloro-m-xylene	*86*		*14 - 150*

Method: 8081B - Organochlorine Pesticides (GC) (Continued)

Lab Sample ID: 460-337043-D-4-A MS
Matrix: Solid
Analysis Batch: 1068369

Client Sample ID: Matrix Spike
Prep Type: Total/NA
Prep Batch: 1067860

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec Limits
4,4'-DDD	0.0071	U	0.142	0.119		mg/Kg	☼	84	71 - 134
4,4'-DDD	0.0071	U	0.142	0.120		mg/Kg	☼	84	71 - 134
4,4'-DDE	0.0071	U	0.142	0.129		mg/Kg	☼	91	71 - 137
4,4'-DDE	0.0071	U	0.142	0.117		mg/Kg	☼	82	71 - 137
4,4'-DDT	0.0071	U	0.142	0.137		mg/Kg	☼	96	69 - 140
4,4'-DDT	0.0071	U	0.142	0.134		mg/Kg	☼	95	69 - 140
Aldrin	0.0071	U	0.142	0.123		mg/Kg	☼	87	68 - 136
Aldrin	0.0071	U	0.142	0.110		mg/Kg	☼	77	68 - 136
alpha-BHC	0.0021	U	0.142	0.119		mg/Kg	☼	84	71 - 136
alpha-BHC	0.0021	U	0.142	0.120		mg/Kg	☼	85	71 - 136
beta-BHC	0.0021	U	0.142	0.122		mg/Kg	☼	86	67 - 133
beta-BHC	0.0021	U	0.142	0.108		mg/Kg	☼	76	67 - 133
cis-Chlordane	0.0071	U	0.142	0.130		mg/Kg	☼	91	70 - 140
cis-Chlordane	0.0071	U	0.142	0.116		mg/Kg	☼	81	70 - 140
delta-BHC	0.0021	U	0.142	0.126		mg/Kg	☼	89	70 - 135
delta-BHC	0.0021	U	0.142	0.126		mg/Kg	☼	89	70 - 135
Dieldrin	0.0021	U	0.142	0.124		mg/Kg	☼	87	71 - 135
Dieldrin	0.0021	U	0.142	0.117		mg/Kg	☼	82	71 - 135
Endosulfan I	0.0071	U	0.142	0.130		mg/Kg	☼	91	70 - 141
Endosulfan I	0.0071	U	0.142	0.120		mg/Kg	☼	84	70 - 141
Endosulfan II	0.0071	U	0.142	0.127		mg/Kg	☼	90	75 - 141
Endosulfan II	0.0071	U	0.142	0.121		mg/Kg	☼	85	75 - 141
Endosulfan sulfate	0.0071	U	0.142	0.125		mg/Kg	☼	88	67 - 130
Endosulfan sulfate	0.0071	U	0.142	0.109		mg/Kg	☼	76	67 - 130
Endrin	0.0071	U	0.142	0.126		mg/Kg	☼	88	66 - 143
Endrin	0.0071	U	0.142	0.118		mg/Kg	☼	83	66 - 143
Endrin aldehyde	0.0071	U	0.142	0.129		mg/Kg	☼	91	70 - 132
Endrin aldehyde	0.0071	U	0.142	0.114		mg/Kg	☼	80	70 - 132
Endrin ketone	0.0071	U	0.142	0.137		mg/Kg	☼	96	66 - 137
Endrin ketone	0.0071	U	0.142	0.114		mg/Kg	☼	81	66 - 137
gamma-BHC (Lindane)	0.0021	U	0.142	0.125		mg/Kg	☼	88	71 - 137
gamma-BHC (Lindane)	0.0021	U	0.142	0.118		mg/Kg	☼	83	71 - 137
Heptachlor	0.0071	U	0.142	0.127		mg/Kg	☼	89	70 - 140
Heptachlor	0.0071	U	0.142	0.123		mg/Kg	☼	86	70 - 140
Heptachlor epoxide	0.0071	U	0.142	0.127		mg/Kg	☼	90	70 - 135
Heptachlor epoxide	0.0071	U	0.142	0.119		mg/Kg	☼	83	70 - 135
Methoxychlor	0.0071	U	0.142	0.131		mg/Kg	☼	92	63 - 138
Methoxychlor	0.0071	U	0.142	0.132		mg/Kg	☼	93	63 - 138

Surrogate	*MS %Recovery*	*MS Qualifier*	*Limits*
DCB Decachlorobiphenyl	*59*		*10 - 150*
DCB Decachlorobiphenyl	*61*		*10 - 150*
Tetrachloro-m-xylene	*74*		*14 - 150*
Tetrachloro-m-xylene	*73*		*14 - 150*

Method: 8081B - Organochlorine Pesticides (GC) (Continued)

Lab Sample ID: 460-337043-D-4-B MSD
Matrix: Solid
Analysis Batch: 1068369

Client Sample ID: Matrix Spike Duplicate
Prep Type: Total/NA
Prep Batch: 1067860

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
4,4'-DDD	0.0071	U	0.142	0.121		mg/Kg	☼	85	71 - 134	NC	30
4,4'-DDD	0.0071	U	0.142	0.115		mg/Kg	☼	81	71 - 134	4	30
4,4'-DDE	0.0071	U	0.142	0.131		mg/Kg	☼	92	71 - 137	NC	30
4,4'-DDE	0.0071	U	0.142	0.113		mg/Kg	☼	79	71 - 137	13	30
4,4'-DDT	0.0071	U	0.142	0.139		mg/Kg	☼	98	69 - 140	NC	30
4,4'-DDT	0.0071	U	0.142	0.130		mg/Kg	☼	91	69 - 140	5	30
Aldrin	0.0071	U	0.142	0.125		mg/Kg	☼	88	68 - 136	NC	30
Aldrin	0.0071	U	0.142	0.106		mg/Kg	☼	74	68 - 136	15	30
alpha-BHC	0.0021	U	0.142	0.121		mg/Kg	☼	85	71 - 136	NC	30
alpha-BHC	0.0021	U	0.142	0.116		mg/Kg	☼	81	71 - 136	3	30
beta-BHC	0.0021	U	0.142	0.125		mg/Kg	☼	88	67 - 133	NC	30
beta-BHC	0.0021	U	0.142	0.104		mg/Kg	☼	73	67 - 133	16	30
cis-Chlordane	0.0071	U	0.142	0.133		mg/Kg	☼	93	70 - 140	NC	30
cis-Chlordane	0.0071	U	0.142	0.112		mg/Kg	☼	79	70 - 140	15	30
delta-BHC	0.0021	U	0.142	0.128		mg/Kg	☼	90	70 - 135	NC	30
delta-BHC	0.0021	U	0.142	0.121		mg/Kg	☼	85	70 - 135	4	30
Dieldrin	0.0021	U	0.142	0.126		mg/Kg	☼	88	71 - 135	NC	30
Dieldrin	0.0021	U	0.142	0.113		mg/Kg	☼	79	71 - 135	9	30
Endosulfan I	0.0071	U	0.142	0.132		mg/Kg	☼	93	70 - 141	NC	30
Endosulfan I	0.0071	U	0.142	0.116		mg/Kg	☼	82	70 - 141	11	30
Endosulfan II	0.0071	U	0.142	0.130		mg/Kg	☼	91	75 - 141	NC	30
Endosulfan II	0.0071	U	0.142	0.117		mg/Kg	☼	82	75 - 141	9	30
Endosulfan sulfate	0.0071	U	0.142	0.127		mg/Kg	☼	89	67 - 130	NC	30
Endosulfan sulfate	0.0071	U	0.142	0.105		mg/Kg	☼	74	67 - 130	17	30
Endrin	0.0071	U	0.142	0.128		mg/Kg	☼	90	66 - 143	NC	30
Endrin	0.0071	U	0.142	0.114		mg/Kg	☼	80	66 - 143	10	30
Endrin aldehyde	0.0071	U	0.142	0.132		mg/Kg	☼	92	70 - 132	NC	30
Endrin aldehyde	0.0071	U	0.142	0.110		mg/Kg	☼	78	70 - 132	15	30
Endrin ketone	0.0071	U	0.142	0.140		mg/Kg	☼	98	66 - 137	NC	30
Endrin ketone	0.0071	U	0.142	0.110		mg/Kg	☼	77	66 - 137	22	30
gamma-BHC (Lindane)	0.0021	U	0.142	0.127		mg/Kg	☼	89	71 - 137	NC	30
gamma-BHC (Lindane)	0.0021	U	0.142	0.114		mg/Kg	☼	80	71 - 137	9	30
Heptachlor	0.0071	U	0.142	0.130		mg/Kg	☼	91	70 - 140	NC	30
Heptachlor	0.0071	U	0.142	0.118		mg/Kg	☼	83	70 - 140	7	30
Heptachlor epoxide	0.0071	U	0.142	0.130		mg/Kg	☼	91	70 - 135	NC	30
Heptachlor epoxide	0.0071	U	0.142	0.115		mg/Kg	☼	81	70 - 135	10	30
Methoxychlor	0.0071	U	0.142	0.135		mg/Kg	☼	95	63 - 138	NC	30
Methoxychlor	0.0071	U	0.142	0.127		mg/Kg	☼	89	63 - 138	3	30

Surrogate	*MSD %Recovery*	*MSD Qualifier*	*Limits*
DCB Decachlorobiphenyl	*60*		*10 - 150*
DCB Decachlorobiphenyl	*59*		*10 - 150*
Tetrachloro-m-xylene	*77*		*14 - 150*
Tetrachloro-m-xylene	*69*		*14 - 150*

Method: 8081B - Organochlorine Pesticides (GC) (Continued)

Lab Sample ID: MB 460-1067877/1-A
Matrix: Solid
Analysis Batch: 1068372

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 1067877

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
4,4'-DDD	0.0067	U	0.0067	0.0011	mg/Kg		10/13/25 06:39	10/15/25 04:42	1
4,4'-DDD	0.0067	U	0.0067	0.0011	mg/Kg		10/13/25 06:39	10/15/25 04:42	1
4,4'-DDE	0.0067	U	0.0067	0.00079	mg/Kg		10/13/25 06:39	10/15/25 04:42	1
4,4'-DDE	0.0067	U	0.0067	0.00079	mg/Kg		10/13/25 06:39	10/15/25 04:42	1
4,4'-DDT	0.0067	U	0.0067	0.0012	mg/Kg		10/13/25 06:39	10/15/25 04:42	1
4,4'-DDT	0.0067	U	0.0067	0.0012	mg/Kg		10/13/25 06:39	10/15/25 04:42	1
Aldrin	0.0067	U	0.0067	0.0010	mg/Kg		10/13/25 06:39	10/15/25 04:42	1
Aldrin	0.0067	U	0.0067	0.0010	mg/Kg		10/13/25 06:39	10/15/25 04:42	1
alpha-BHC	0.0020	U	0.0020	0.00068	mg/Kg		10/13/25 06:39	10/15/25 04:42	1
alpha-BHC	0.0020	U	0.0020	0.00068	mg/Kg		10/13/25 06:39	10/15/25 04:42	1
beta-BHC	0.0020	U	0.0020	0.00075	mg/Kg		10/13/25 06:39	10/15/25 04:42	1
beta-BHC	0.0020	U	0.0020	0.00075	mg/Kg		10/13/25 06:39	10/15/25 04:42	1
Chlordane (technical)	0.067	U	0.067	0.016	mg/Kg		10/13/25 06:39	10/15/25 04:42	1
Chlordane (technical)	0.067	U	0.067	0.016	mg/Kg		10/13/25 06:39	10/15/25 04:42	1
cis-Chlordane	0.0067	U	0.0067	0.0011	mg/Kg		10/13/25 06:39	10/15/25 04:42	1
cis-Chlordane	0.0067	U	0.0067	0.0011	mg/Kg		10/13/25 06:39	10/15/25 04:42	1
delta-BHC	0.0020	U	0.0020	0.00041	mg/Kg		10/13/25 06:39	10/15/25 04:42	1
delta-BHC	0.0020	U	0.0020	0.00041	mg/Kg		10/13/25 06:39	10/15/25 04:42	1
Dieldrin	0.0020	U	0.0020	0.00087	mg/Kg		10/13/25 06:39	10/15/25 04:42	1
Dieldrin	0.0020	U	0.0020	0.00087	mg/Kg		10/13/25 06:39	10/15/25 04:42	1
Endosulfan I	0.0067	U	0.0067	0.0010	mg/Kg		10/13/25 06:39	10/15/25 04:42	1
Endosulfan I	0.0067	U	0.0067	0.0010	mg/Kg		10/13/25 06:39	10/15/25 04:42	1
Endosulfan II	0.0067	U	0.0067	0.0017	mg/Kg		10/13/25 06:39	10/15/25 04:42	1
Endosulfan II	0.0067	U	0.0067	0.0017	mg/Kg		10/13/25 06:39	10/15/25 04:42	1
Endosulfan sulfate	0.0067	U	0.0067	0.00084	mg/Kg		10/13/25 06:39	10/15/25 04:42	1
Endosulfan sulfate	0.0067	U	0.0067	0.00084	mg/Kg		10/13/25 06:39	10/15/25 04:42	1
Endrin	0.0067	U	0.0067	0.00096	mg/Kg		10/13/25 06:39	10/15/25 04:42	1
Endrin	0.0067	U	0.0067	0.00096	mg/Kg		10/13/25 06:39	10/15/25 04:42	1
Endrin aldehyde	0.0067	U	0.0067	0.0016	mg/Kg		10/13/25 06:39	10/15/25 04:42	1
Endrin aldehyde	0.0067	U	0.0067	0.0016	mg/Kg		10/13/25 06:39	10/15/25 04:42	1
Endrin ketone	0.0067	U	0.0067	0.0013	mg/Kg		10/13/25 06:39	10/15/25 04:42	1
Endrin ketone	0.0067	U	0.0067	0.0013	mg/Kg		10/13/25 06:39	10/15/25 04:42	1
gamma-BHC (Lindane)	0.0020	U	0.0020	0.00062	mg/Kg		10/13/25 06:39	10/15/25 04:42	1
gamma-BHC (Lindane)	0.0020	U	0.0020	0.00062	mg/Kg		10/13/25 06:39	10/15/25 04:42	1
Heptachlor	0.0067	U	0.0067	0.00079	mg/Kg		10/13/25 06:39	10/15/25 04:42	1
Heptachlor	0.0067	U	0.0067	0.00079	mg/Kg		10/13/25 06:39	10/15/25 04:42	1
Heptachlor epoxide	0.0067	U	0.0067	0.0010	mg/Kg		10/13/25 06:39	10/15/25 04:42	1
Heptachlor epoxide	0.0067	U	0.0067	0.0010	mg/Kg		10/13/25 06:39	10/15/25 04:42	1
Methoxychlor	0.0067	U	0.0067	0.0015	mg/Kg		10/13/25 06:39	10/15/25 04:42	1
Methoxychlor	0.0067	U	0.0067	0.0015	mg/Kg		10/13/25 06:39	10/15/25 04:42	1
Toxaphene	0.067	U	0.067	0.024	mg/Kg		10/13/25 06:39	10/15/25 04:42	1
Toxaphene	0.067	U	0.067	0.024	mg/Kg		10/13/25 06:39	10/15/25 04:42	1

Surrogate	*MB %Recovery*	*MB Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
DCB Decachlorobiphenyl	*94*		*10 - 150*	*10/13/25 06:39*	*10/15/25 04:42*	*1*
DCB Decachlorobiphenyl	*95*		*10 - 150*	*10/13/25 06:39*	*10/15/25 04:42*	*1*
Tetrachloro-m-xylene	*116*		*14 - 150*	*10/13/25 06:39*	*10/15/25 04:42*	*1*
Tetrachloro-m-xylene	*117*		*14 - 150*	*10/13/25 06:39*	*10/15/25 04:42*	*1*

Method: 8081B - Organochlorine Pesticides (GC)

Lab Sample ID: LCS 460-1067877/2-A
Matrix: Solid
Analysis Batch: 1068372

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 1067877

Analyte			Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits		
4,4'-DDD			0.133	0.132		mg/Kg		99	71 - 134		
4,4'-DDD			0.133	0.148		mg/Kg		111	71 - 134		
4,4'-DDE			0.133	0.140		mg/Kg		105	71 - 137		
4,4'-DDE			0.133	0.144		mg/Kg		108	71 - 137		
4,4'-DDT			0.133	0.136		mg/Kg		102	69 - 140		
4,4'-DDT			0.133	0.139		mg/Kg		105	69 - 140		
Aldrin			0.133	0.132		mg/Kg		99	68 - 136		
Aldrin			0.133	0.132		mg/Kg		99	68 - 136		
alpha-BHC			0.133	0.136		mg/Kg		102	71 - 136		
alpha-BHC			0.133	0.134		mg/Kg		101	71 - 136		
beta-BHC			0.133	0.132		mg/Kg		99	67 - 133		
beta-BHC			0.133	0.127		mg/Kg		95	67 - 133		
cis-Chlordane			0.133	0.138		mg/Kg		104	70 - 140		
cis-Chlordane			0.133	0.143		mg/Kg		107	70 - 140		
delta-BHC			0.133	0.133		mg/Kg		100	70 - 135		
delta-BHC			0.133	0.131		mg/Kg		98	70 - 135		
Dieldrin			0.133	0.135		mg/Kg		101	71 - 135		
Dieldrin			0.133	0.141		mg/Kg		106	71 - 135		
Endosulfan I			0.133	0.141		mg/Kg		105	70 - 141		
Endosulfan I			0.133	0.145		mg/Kg		109	70 - 141		
Endosulfan II			0.133	0.141		mg/Kg		106	75 - 141		
Endosulfan II			0.133	0.153		mg/Kg		114	75 - 141		
Endosulfan sulfate			0.133	0.127		mg/Kg		95	67 - 130		
Endosulfan sulfate			0.133	0.136		mg/Kg		102	67 - 130		
Endrin			0.133	0.130		mg/Kg		97	66 - 143		
Endrin			0.133	0.148		mg/Kg		111	66 - 143		
Endrin aldehyde			0.133	0.133		mg/Kg		100	70 - 132		
Endrin aldehyde			0.133	0.143		mg/Kg		107	70 - 132		
Endrin ketone			0.133	0.135		mg/Kg		101	66 - 137		
Endrin ketone			0.133	0.132		mg/Kg		99	66 - 137		
gamma-BHC (Lindane)			0.133	0.136		mg/Kg		102	71 - 137		
gamma-BHC (Lindane)			0.133	0.132		mg/Kg		99	71 - 137		
Heptachlor			0.133	0.139		mg/Kg		104	70 - 140		
Heptachlor			0.133	0.134		mg/Kg		100	70 - 140		
Heptachlor epoxide			0.133	0.139		mg/Kg		104	70 - 135		
Heptachlor epoxide			0.133	0.141		mg/Kg		105	70 - 135		
Methoxychlor			0.133	0.135		mg/Kg		101	63 - 138		
Methoxychlor			0.133	0.141		mg/Kg		106	63 - 138		

Surrogate	*LCS %Recovery*	*LCS Qualifier*	*Limits*
DCB Decachlorobiphenyl	*71*		*10 - 150*
DCB Decachlorobiphenyl	*72*		*10 - 150*
Tetrachloro-m-xylene	*89*		*14 - 150*
Tetrachloro-m-xylene	*90*		*14 - 150*

Method: 8081B - Organochlorine Pesticides (GC) (Continued)

Lab Sample ID: LCSD 460-1067877/3-A
Matrix: Solid
Analysis Batch: 1068372

Client Sample ID: Lab Control Sample Dup
Prep Type: Total/NA
Prep Batch: 1067877

Analyte			Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
4,4'-DDD			0.133	0.133		mg/Kg		100	71 - 134	1	30
4,4'-DDD			0.133	0.148		mg/Kg		111	71 - 134	0	30
4,4'-DDE			0.133	0.143		mg/Kg		107	71 - 137	2	30
4,4'-DDE			0.133	0.145		mg/Kg		109	71 - 137	1	30
4,4'-DDT			0.133	0.136		mg/Kg		102	69 - 140	0	30
4,4'-DDT			0.133	0.139		mg/Kg		105	69 - 140	0	30
Aldrin			0.133	0.131		mg/Kg		98	68 - 136	0	30
Aldrin			0.133	0.134		mg/Kg		101	68 - 136	2	30
alpha-BHC			0.133	0.136		mg/Kg		102	71 - 136	0	30
alpha-BHC			0.133	0.137		mg/Kg		103	71 - 136	2	30
beta-BHC			0.133	0.131		mg/Kg		98	67 - 133	1	30
beta-BHC			0.133	0.130		mg/Kg		98	67 - 133	3	30
cis-Chlordane			0.133	0.142		mg/Kg		107	70 - 140	3	30
cis-Chlordane			0.133	0.145		mg/Kg		108	70 - 140	1	30
delta-BHC			0.133	0.131		mg/Kg		98	70 - 135	1	30
delta-BHC			0.133	0.133		mg/Kg		100	70 - 135	2	30
Dieldrin			0.133	0.138		mg/Kg		103	71 - 135	2	30
Dieldrin			0.133	0.142		mg/Kg		107	71 - 135	1	30
Endosulfan I			0.133	0.143		mg/Kg		107	70 - 141	2	30
Endosulfan I			0.133	0.147		mg/Kg		110	70 - 141	1	30
Endosulfan II			0.133	0.142		mg/Kg		106	75 - 141	1	30
Endosulfan II			0.133	0.153		mg/Kg		115	75 - 141	0	30
Endosulfan sulfate			0.133	0.128		mg/Kg		96	67 - 130	1	30
Endosulfan sulfate			0.133	0.136		mg/Kg		102	67 - 130	0	30
Endrin			0.133	0.131		mg/Kg		98	66 - 143	1	30
Endrin			0.133	0.149		mg/Kg		112	66 - 143	0	30
Endrin aldehyde			0.133	0.134		mg/Kg		100	70 - 132	0	30
Endrin aldehyde			0.133	0.142		mg/Kg		107	70 - 132	0	30
Endrin ketone			0.133	0.137		mg/Kg		103	66 - 137	2	30
Endrin ketone			0.133	0.132		mg/Kg		99	66 - 137	0	30
gamma-BHC (Lindane)			0.133	0.134		mg/Kg		101	71 - 137	1	30
gamma-BHC (Lindane)			0.133	0.135		mg/Kg		101	71 - 137	2	30
Heptachlor			0.133	0.138		mg/Kg		104	70 - 140	1	30
Heptachlor			0.133	0.137		mg/Kg		103	70 - 140	2	30
Heptachlor epoxide			0.133	0.140		mg/Kg		105	70 - 135	1	30
Heptachlor epoxide			0.133	0.142		mg/Kg		107	70 - 135	1	30
Methoxychlor			0.133	0.136		mg/Kg		102	63 - 138	1	30
Methoxychlor			0.133	0.140		mg/Kg		105	63 - 138	1	30

Surrogate	*LCSD %Recovery*	*LCSD Qualifier*	*Limits*
DCB Decachlorobiphenyl	*72*		*10 - 150*
DCB Decachlorobiphenyl	*75*		*10 - 150*
Tetrachloro-m-xylene	*98*		*14 - 150*
Tetrachloro-m-xylene	*94*		*14 - 150*

Method: 8081B - Organochlorine Pesticides (GC) (Continued)

Lab Sample ID: 460-337049-13 MS
Matrix: Solid
Analysis Batch: 1068372

Client Sample ID: 51B_0-4
Prep Type: Total/NA
Prep Batch: 1067877

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec Limits
4,4'-DDD	0.0069	U	0.137	0.143		mg/Kg	☼	104	71 - 134
4,4'-DDD	0.0069	U	0.137	0.153		mg/Kg	☼	112	71 - 134
4,4'-DDE	0.0069	U	0.137	0.153		mg/Kg	☼	111	71 - 137
4,4'-DDE	0.0069	U	0.137	0.156		mg/Kg	☼	114	71 - 137
4,4'-DDT	0.0069	U	0.137	0.153		mg/Kg	☼	112	69 - 140
4,4'-DDT	0.0069	U	0.137	0.152		mg/Kg	☼	111	69 - 140
Aldrin	0.0069	U	0.137	0.136		mg/Kg	☼	99	68 - 136
Aldrin	0.0069	U	0.137	0.142		mg/Kg	☼	103	68 - 136
alpha-BHC	0.0021	U	0.137	0.140		mg/Kg	☼	102	71 - 136
alpha-BHC	0.0021	U	0.137	0.143		mg/Kg	☼	104	71 - 136
beta-BHC	0.0021	U	0.137	0.138		mg/Kg	☼	100	67 - 133
beta-BHC	0.0021	U	0.137	0.142		mg/Kg	☼	103	67 - 133
cis-Chlordane	0.0069	U	0.137	0.150		mg/Kg	☼	109	70 - 140
cis-Chlordane	0.0069	U	0.137	0.156		mg/Kg	☼	114	70 - 140
delta-BHC	0.0021	U	0.137	0.137		mg/Kg	☼	100	70 - 135
delta-BHC	0.0021	U	0.137	0.137		mg/Kg	☼	100	70 - 135
Dieldrin	0.0021	U	0.137	0.145		mg/Kg	☼	106	71 - 135
Dieldrin	0.0021	U	0.137	0.151		mg/Kg	☼	110	71 - 135
Endosulfan I	0.0069	U	0.137	0.151		mg/Kg	☼	110	70 - 141
Endosulfan I	0.0069	U	0.137	0.154		mg/Kg	☼	112	70 - 141
Endosulfan II	0.0069	U	0.137	0.152		mg/Kg	☼	111	75 - 141
Endosulfan II	0.0069	U	0.137	0.159		mg/Kg	☼	116	75 - 141
Endosulfan sulfate	0.0069	U	0.137	0.131		mg/Kg	☼	96	67 - 130
Endosulfan sulfate	0.0069	U	0.137	0.141		mg/Kg	☼	103	67 - 130
Endrin	0.0069	U	0.137	0.142		mg/Kg	☼	103	66 - 143
Endrin	0.0069	U	0.137	0.156		mg/Kg	☼	113	66 - 143
Endrin aldehyde	0.0069	U	0.137	0.137		mg/Kg	☼	99	70 - 132
Endrin aldehyde	0.0069	U	0.137	0.146		mg/Kg	☼	106	70 - 132
Endrin ketone	0.0069	U	0.137	0.141		mg/Kg	☼	102	66 - 137
Endrin ketone	0.0069	U	0.137	0.142		mg/Kg	☼	103	66 - 137
gamma-BHC (Lindane)	0.0021	U	0.137	0.139		mg/Kg	☼	101	71 - 137
gamma-BHC (Lindane)	0.0021	U	0.137	0.142		mg/Kg	☼	103	71 - 137
Heptachlor	0.0069	U	0.137	0.143		mg/Kg	☼	104	70 - 140
Heptachlor	0.0069	U	0.137	0.143		mg/Kg	☼	104	70 - 140
Heptachlor epoxide	0.0069	U	0.137	0.143		mg/Kg	☼	104	70 - 135
Heptachlor epoxide	0.0069	U	0.137	0.150		mg/Kg	☼	109	70 - 135
Methoxychlor	0.0069	U	0.137	0.146		mg/Kg	☼	106	63 - 138
Methoxychlor	0.0069	U	0.137	0.151		mg/Kg	☼	110	63 - 138

Surrogate	*MS %Recovery*	*MS Qualifier*	*Limits*
DCB Decachlorobiphenyl	*72*		*10 - 150*
DCB Decachlorobiphenyl	*77*		*10 - 150*
Tetrachloro-m-xylene	*94*		*14 - 150*
Tetrachloro-m-xylene	*96*		*14 - 150*

Method: 8081B - Organochlorine Pesticides (GC) (Continued)

Lab Sample ID: 460-337049-13 MSD
Matrix: Solid
Analysis Batch: 1068372

Client Sample ID: 51B_0-4
Prep Type: Total/NA
Prep Batch: 1067877

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
4,4'-DDD	0.0069	U	0.137	0.152		mg/Kg	☼	111	71 - 134	6	30
4,4'-DDD	0.0069	U	0.137	0.159		mg/Kg	☼	116	71 - 134	4	30
4,4'-DDE	0.0069	U	0.137	0.164		mg/Kg	☼	120	71 - 137	7	30
4,4'-DDE	0.0069	U	0.137	0.163		mg/Kg	☼	119	71 - 137	4	30
4,4'-DDT	0.0069	U	0.137	0.163		mg/Kg	☼	119	69 - 140	6	30
4,4'-DDT	0.0069	U	0.137	0.157		mg/Kg	☼	115	69 - 140	4	30
Aldrin	0.0069	U	0.137	0.152		mg/Kg	☼	111	68 - 136	11	30
Aldrin	0.0069	U	0.137	0.149		mg/Kg	☼	109	68 - 136	5	30
alpha-BHC	0.0021	U	0.137	0.156		mg/Kg	☼	114	71 - 136	10	30
alpha-BHC	0.0021	U	0.137	0.155		mg/Kg	☼	113	71 - 136	8	30
beta-BHC	0.0021	U	0.137	0.153		mg/Kg	☼	112	67 - 133	11	30
beta-BHC	0.0021	U	0.137	0.152		mg/Kg	☼	111	67 - 133	7	30
cis-Chlordane	0.0069	U	0.137	0.170		mg/Kg	☼	124	70 - 140	13	30
cis-Chlordane	0.0069	U	0.137	0.163		mg/Kg	☼	119	70 - 140	4	30
delta-BHC	0.0021	U	0.137	0.153		mg/Kg	☼	112	70 - 135	11	30
delta-BHC	0.0021	U	0.137	0.146		mg/Kg	☼	107	70 - 135	6	30
Dieldrin	0.0021	U	0.137	0.157		mg/Kg	☼	114	71 - 135	7	30
Dieldrin	0.0021	U	0.137	0.157		mg/Kg	☼	115	71 - 135	4	30
Endosulfan I	0.0069	U	0.137	0.162		mg/Kg	☼	119	70 - 141	7	30
Endosulfan I	0.0069	U	0.137	0.161		mg/Kg	☼	117	70 - 141	4	30
Endosulfan II	0.0069	U	0.137	0.161		mg/Kg	☼	118	75 - 141	6	30
Endosulfan II	0.0069	U	0.137	0.165		mg/Kg	☼	121	75 - 141	4	30
Endosulfan sulfate	0.0069	U	0.137	0.143		mg/Kg	☼	105	67 - 130	9	30
Endosulfan sulfate	0.0069	U	0.137	0.146		mg/Kg	☼	107	67 - 130	4	30
Endrin	0.0069	U	0.137	0.152		mg/Kg	☼	111	66 - 143	7	30
Endrin	0.0069	U	0.137	0.162		mg/Kg	☼	119	66 - 143	4	30
Endrin aldehyde	0.0069	U	0.137	0.145		mg/Kg	☼	106	70 - 132	6	30
Endrin aldehyde	0.0069	U	0.137	0.151		mg/Kg	☼	111	70 - 132	4	30
Endrin ketone	0.0069	U	0.137	0.155		mg/Kg	☼	113	66 - 137	9	30
Endrin ketone	0.0069	U	0.137	0.147		mg/Kg	☼	107	66 - 137	4	30
gamma-BHC (Lindane)	0.0021	U	0.137	0.155		mg/Kg	☼	114	71 - 137	11	30
gamma-BHC (Lindane)	0.0021	U	0.137	0.151		mg/Kg	☼	111	71 - 137	6	30
Heptachlor	0.0069	U	0.137	0.159		mg/Kg	☼	116	70 - 140	11	30
Heptachlor	0.0069	U	0.137	0.151		mg/Kg	☼	111	70 - 140	5	30
Heptachlor epoxide	0.0069	U	0.137	0.158		mg/Kg	☼	116	70 - 135	10	30
Heptachlor epoxide	0.0069	U	0.137	0.156		mg/Kg	☼	114	70 - 135	4	30
Methoxychlor	0.0069	U	0.137	0.161		mg/Kg	☼	118	63 - 138	9	30
Methoxychlor	0.0069	U	0.137	0.156		mg/Kg	☼	114	63 - 138	3	30

Surrogate	*MSD %Recovery*	*MSD Qualifier*	*Limits*
DCB Decachlorobiphenyl	*82*		*10 - 150*
DCB Decachlorobiphenyl	*79*		*10 - 150*
Tetrachloro-m-xylene	*99*		*14 - 150*
Tetrachloro-m-xylene	*111*		*14 - 150*

Method: 8082A - Polychlorinated Biphenyls (PCBs) by Gas Chromatography

Lab Sample ID: MB 460-1067876/1-A
Matrix: Solid
Analysis Batch: 1068298

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 1067876

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Aroclor 1016	0.067	U	0.067	0.018	mg/Kg		10/13/25 06:37	10/14/25 16:46	1
Aroclor 1016	0.067	U	0.067	0.018	mg/Kg		10/13/25 06:37	10/14/25 16:46	1
Aroclor 1221	0.067	U	0.067	0.018	mg/Kg		10/13/25 06:37	10/14/25 16:46	1
Aroclor 1221	0.067	U	0.067	0.018	mg/Kg		10/13/25 06:37	10/14/25 16:46	1
Aroclor 1232	0.067	U	0.067	0.018	mg/Kg		10/13/25 06:37	10/14/25 16:46	1
Aroclor 1232	0.067	U	0.067	0.018	mg/Kg		10/13/25 06:37	10/14/25 16:46	1
Aroclor 1242	0.067	U	0.067	0.018	mg/Kg		10/13/25 06:37	10/14/25 16:46	1
Aroclor 1242	0.067	U	0.067	0.018	mg/Kg		10/13/25 06:37	10/14/25 16:46	1
Aroclor 1248	0.067	U	0.067	0.018	mg/Kg		10/13/25 06:37	10/14/25 16:46	1
Aroclor 1248	0.067	U	0.067	0.018	mg/Kg		10/13/25 06:37	10/14/25 16:46	1
Aroclor 1254	0.067	U	0.067	0.018	mg/Kg		10/13/25 06:37	10/14/25 16:46	1
Aroclor 1254	0.067	U	0.067	0.018	mg/Kg		10/13/25 06:37	10/14/25 16:46	1
Aroclor 1260	0.067	U	0.067	0.018	mg/Kg		10/13/25 06:37	10/14/25 16:46	1
Aroclor 1260	0.067	U	0.067	0.018	mg/Kg		10/13/25 06:37	10/14/25 16:46	1
Aroclor-1262	0.067	U	0.067	0.018	mg/Kg		10/13/25 06:37	10/14/25 16:46	1
Aroclor-1262	0.067	U	0.067	0.018	mg/Kg		10/13/25 06:37	10/14/25 16:46	1
Aroclor 1268	0.067	U	0.067	0.018	mg/Kg		10/13/25 06:37	10/14/25 16:46	1
Aroclor 1268	0.067	U	0.067	0.018	mg/Kg		10/13/25 06:37	10/14/25 16:46	1
Polychlorinated biphenyls, Total	0.067	U	0.067	0.018	mg/Kg		10/13/25 06:37	10/14/25 16:46	1
Polychlorinated biphenyls, Total	0.067	U	0.067	0.018	mg/Kg		10/13/25 06:37	10/14/25 16:46	1

Surrogate	*MB %Recovery*	*MB Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
DCB Decachlorobiphenyl	*100*		*10 - 150*	*10/13/25 06:37*	*10/14/25 16:46*	*1*
DCB Decachlorobiphenyl	*99*		*10 - 150*	*10/13/25 06:37*	*10/14/25 16:46*	*1*
Tetrachloro-m-xylene	*124*		*10 - 150*	*10/13/25 06:37*	*10/14/25 16:46*	*1*
Tetrachloro-m-xylene	*121*		*10 - 150*	*10/13/25 06:37*	*10/14/25 16:46*	*1*

Lab Sample ID: LCS 460-1067876/2-A
Matrix: Solid
Analysis Batch: 1068298

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 1067876

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
Aroclor 1016	0.333	0.393		mg/Kg		118	59 - 149
Aroclor 1016	0.333	0.384		mg/Kg		115	59 - 149
Aroclor 1260	0.333	0.407		mg/Kg		122	62 - 145
Aroclor 1260	0.333	0.392		mg/Kg		118	62 - 145

Surrogate	*LCS %Recovery*	*LCS Qualifier*	*Limits*
DCB Decachlorobiphenyl	*83*		*10 - 150*
DCB Decachlorobiphenyl	*84*		*10 - 150*
Tetrachloro-m-xylene	*106*		*10 - 150*
Tetrachloro-m-xylene	*102*		*10 - 150*

Method: 8082A - Polychlorinated Biphenyls (PCBs) by Gas Chromatography (Continued)

Lab Sample ID: LCSD 460-1067876/3-A
Matrix: Solid
Analysis Batch: 1068298

Client Sample ID: Lab Control Sample Dup
Prep Type: Total/NA
Prep Batch: 1067876

Analyte			Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Aroclor 1016			0.333	0.410		mg/Kg		123	59 - 149	4	30
Aroclor 1016			0.333	0.407		mg/Kg		122	59 - 149	6	30
Aroclor 1260			0.333	0.409		mg/Kg		123	62 - 145	0	30
Aroclor 1260			0.333	0.403		mg/Kg		121	62 - 145	3	30

Surrogate	*LCSD %Recovery*	*LCSD Qualifier*	*Limits*
DCB Decachlorobiphenyl	*88*		*10 - 150*
DCB Decachlorobiphenyl	*90*		*10 - 150*
Tetrachloro-m-xylene	*113*		*10 - 150*
Tetrachloro-m-xylene	*111*		*10 - 150*

Lab Sample ID: 460-337043-D-4-D MS
Matrix: Solid
Analysis Batch: 1068298

Client Sample ID: Matrix Spike
Prep Type: Total/NA
Prep Batch: 1067876

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec Limits
Aroclor 1016	0.071	U	0.355	0.446		mg/Kg	☼	126	59 - 149
Aroclor 1016	0.071	U	0.355	0.465		mg/Kg	☼	131	59 - 149
Aroclor 1260	0.071	U	0.355	0.460		mg/Kg	☼	129	62 - 145
Aroclor 1260	0.071	U	0.355	0.459		mg/Kg	☼	129	62 - 145

Surrogate	*MS %Recovery*	*MS Qualifier*	*Limits*
DCB Decachlorobiphenyl	*94*		*10 - 150*
DCB Decachlorobiphenyl	*92*		*10 - 150*
Tetrachloro-m-xylene	*114*		*10 - 150*
Tetrachloro-m-xylene	*113*		*10 - 150*

Lab Sample ID: 460-337043-D-4-E MSD
Matrix: Solid
Analysis Batch: 1068298

Client Sample ID: Matrix Spike Duplicate
Prep Type: Total/NA
Prep Batch: 1067876

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Aroclor 1016	0.071	U	0.356	0.394		mg/Kg	☼	111	59 - 149	12	30
Aroclor 1016	0.071	U	0.356	0.408		mg/Kg	☼	115	59 - 149	13	30
Aroclor 1260	0.071	U	0.356	0.414		mg/Kg	☼	116	62 - 145	10	30
Aroclor 1260	0.071	U	0.356	0.417		mg/Kg	☼	117	62 - 145	10	30

Surrogate	*MSD %Recovery*	*MSD Qualifier*	*Limits*
DCB Decachlorobiphenyl	*83*		*10 - 150*
DCB Decachlorobiphenyl	*85*		*10 - 150*
Tetrachloro-m-xylene	*101*		*10 - 150*
Tetrachloro-m-xylene	*100*		*10 - 150*

Method: 8082A - Polychlorinated Biphenyls (PCBs) by Gas Chromatography (Continued)

Lab Sample ID: MB 460-1067879/1-A
Matrix: Solid
Analysis Batch: 1068327

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 1067879

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Aroclor 1016	0.067	U	0.067	0.018	mg/Kg		10/13/25 06:42	10/14/25 20:45	1
Aroclor 1016	0.067	U	0.067	0.018	mg/Kg		10/13/25 06:42	10/14/25 20:45	1
Aroclor 1221	0.067	U	0.067	0.018	mg/Kg		10/13/25 06:42	10/14/25 20:45	1
Aroclor 1221	0.067	U	0.067	0.018	mg/Kg		10/13/25 06:42	10/14/25 20:45	1
Aroclor 1232	0.067	U	0.067	0.018	mg/Kg		10/13/25 06:42	10/14/25 20:45	1
Aroclor 1232	0.067	U	0.067	0.018	mg/Kg		10/13/25 06:42	10/14/25 20:45	1
Aroclor 1242	0.067	U	0.067	0.018	mg/Kg		10/13/25 06:42	10/14/25 20:45	1
Aroclor 1242	0.067	U	0.067	0.018	mg/Kg		10/13/25 06:42	10/14/25 20:45	1
Aroclor 1248	0.067	U	0.067	0.018	mg/Kg		10/13/25 06:42	10/14/25 20:45	1
Aroclor 1248	0.067	U	0.067	0.018	mg/Kg		10/13/25 06:42	10/14/25 20:45	1
Aroclor 1254	0.067	U	0.067	0.018	mg/Kg		10/13/25 06:42	10/14/25 20:45	1
Aroclor 1254	0.067	U	0.067	0.018	mg/Kg		10/13/25 06:42	10/14/25 20:45	1
Aroclor 1260	0.067	U	0.067	0.018	mg/Kg		10/13/25 06:42	10/14/25 20:45	1
Aroclor 1260	0.067	U	0.067	0.018	mg/Kg		10/13/25 06:42	10/14/25 20:45	1
Aroclor-1262	0.067	U	0.067	0.018	mg/Kg		10/13/25 06:42	10/14/25 20:45	1
Aroclor-1262	0.067	U	0.067	0.018	mg/Kg		10/13/25 06:42	10/14/25 20:45	1
Aroclor 1268	0.067	U	0.067	0.018	mg/Kg		10/13/25 06:42	10/14/25 20:45	1
Aroclor 1268	0.067	U	0.067	0.018	mg/Kg		10/13/25 06:42	10/14/25 20:45	1
Polychlorinated biphenyls, Total	0.067	U	0.067	0.018	mg/Kg		10/13/25 06:42	10/14/25 20:45	1
Polychlorinated biphenyls, Total	0.067	U	0.067	0.018	mg/Kg		10/13/25 06:42	10/14/25 20:45	1

Surrogate	*MB %Recovery*	*MB Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
DCB Decachlorobiphenyl	*74*		*10 - 150*	*10/13/25 06:42*	*10/14/25 20:45*	*1*
DCB Decachlorobiphenyl	*72*		*10 - 150*	*10/13/25 06:42*	*10/14/25 20:45*	*1*
Tetrachloro-m-xylene	*93*		*10 - 150*	*10/13/25 06:42*	*10/14/25 20:45*	*1*
Tetrachloro-m-xylene	*100*		*10 - 150*	*10/13/25 06:42*	*10/14/25 20:45*	*1*

Lab Sample ID: LCS 460-1067879/2-A
Matrix: Solid
Analysis Batch: 1068327

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 1067879

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
Aroclor 1016	0.333	0.418		mg/Kg		126	59 - 149
Aroclor 1016	0.333	0.438		mg/Kg		131	59 - 149
Aroclor 1260	0.333	0.437		mg/Kg		131	62 - 145
Aroclor 1260	0.333	0.409		mg/Kg		123	62 - 145

Surrogate	*LCS %Recovery*	*LCS Qualifier*	*Limits*
DCB Decachlorobiphenyl	*95*		*10 - 150*
DCB Decachlorobiphenyl	*93*		*10 - 150*
Tetrachloro-m-xylene	*123*		*10 - 150*
Tetrachloro-m-xylene	*133*		*10 - 150*

Method: 8082A - Polychlorinated Biphenyls (PCBs) by Gas Chromatography (Continued)

Lab Sample ID: LCSD 460-1067879/3-A
Matrix: Solid
Analysis Batch: 1068327

Client Sample ID: Lab Control Sample Dup
Prep Type: Total/NA
Prep Batch: 1067879

Analyte			Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Aroclor 1016			0.333	0.391		mg/Kg		117	59 - 149	7	30
Aroclor 1016			0.333	0.401		mg/Kg		120	59 - 149	9	30
Aroclor 1260			0.333	0.413		mg/Kg		124	62 - 145	6	30
Aroclor 1260			0.333	0.376		mg/Kg		113	62 - 145	8	30

Surrogate	*LCSD %Recovery*	*LCSD Qualifier*	*Limits*
DCB Decachlorobiphenyl	*86*		*10 - 150*
DCB Decachlorobiphenyl	*84*		*10 - 150*
Tetrachloro-m-xylene	*111*		*10 - 150*
Tetrachloro-m-xylene	*117*		*10 - 150*

Lab Sample ID: 460-337049-13 MS
Matrix: Solid
Analysis Batch: 1068327

Client Sample ID: 51B_0-4
Prep Type: Total/NA
Prep Batch: 1067879

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec Limits
Aroclor 1016	0.069	U	0.344	0.378		mg/Kg	☼	110	59 - 149
Aroclor 1016	0.069	U	0.344	0.409		mg/Kg	☼	119	59 - 149
Aroclor 1260	0.069	U	0.344	0.410		mg/Kg	☼	119	62 - 145
Aroclor 1260	0.069	U	0.344	0.384		mg/Kg	☼	112	62 - 145

Surrogate	*MS %Recovery*	*MS Qualifier*	*Limits*
DCB Decachlorobiphenyl	*88*		*10 - 150*
DCB Decachlorobiphenyl	*87*		*10 - 150*
Tetrachloro-m-xylene	*109*		*10 - 150*
Tetrachloro-m-xylene	*115*		*10 - 150*

Lab Sample ID: 460-337049-13 MSD
Matrix: Solid
Analysis Batch: 1068327

Client Sample ID: 51B_0-4
Prep Type: Total/NA
Prep Batch: 1067879

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Aroclor 1016	0.069	U	0.342	0.414		mg/Kg	☼	121	59 - 149	9	30
Aroclor 1016	0.069	U	0.342	0.428		mg/Kg	☼	125	59 - 149	5	30
Aroclor 1260	0.069	U	0.342	0.433		mg/Kg	☼	127	62 - 145	6	30
Aroclor 1260	0.069	U	0.342	0.416		mg/Kg	☼	122	62 - 145	8	30

Surrogate	*MSD %Recovery*	*MSD Qualifier*	*Limits*
DCB Decachlorobiphenyl	*90*		*10 - 150*
DCB Decachlorobiphenyl	*92*		*10 - 150*
Tetrachloro-m-xylene	*112*		*10 - 150*
Tetrachloro-m-xylene	*120*		*10 - 150*

Method: 1633A - Per- and Polyfluoroalkyl Substances by LC/MS/MS, 1633A

Lab Sample ID: MB 410-714445/1-A
Matrix: Solid
Analysis Batch: 715281

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 714445

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Perfluorobutanoic acid (PFBA)	0.40	U	0.40	0.10	ug/Kg		10/15/25 14:09	10/16/25 22:43	1
Perfluoropentanoic acid (PFPeA)	0.20	U	0.20	0.10	ug/Kg		10/15/25 14:09	10/16/25 22:43	1
Perfluorohexanoic acid (PFHxA)	0.20	U	0.20	0.10	ug/Kg		10/15/25 14:09	10/16/25 22:43	1
Perfluoroheptanoic acid (PFHpA)	0.20	U	0.20	0.10	ug/Kg		10/15/25 14:09	10/16/25 22:43	1
Perfluorooctanoic acid (PFOA)	0.20	U	0.20	0.060	ug/Kg		10/15/25 14:09	10/16/25 22:43	1
Perfluorononanoic acid (PFNA)	0.20	U	0.20	0.10	ug/Kg		10/15/25 14:09	10/16/25 22:43	1
Perfluorodecanoic acid (PFDA)	0.20	U	0.20	0.060	ug/Kg		10/15/25 14:09	10/16/25 22:43	1
Perfluoroundecanoic acid (PFUnA)	0.20	U	0.20	0.10	ug/Kg		10/15/25 14:09	10/16/25 22:43	1
Perfluorododecanoic acid (PFDoA)	0.20	U	0.20	0.10	ug/Kg		10/15/25 14:09	10/16/25 22:43	1
Perfluorotridecanoic acid (PFTrDA)	0.20	U	0.20	0.10	ug/Kg		10/15/25 14:09	10/16/25 22:43	1
Perfluorotetradecanoic acid (PFTeDA)	0.20	U	0.20	0.10	ug/Kg		10/15/25 14:09	10/16/25 22:43	1
Perfluorobutanesulfonic acid (PFBS)	0.20	U	0.20	0.10	ug/Kg		10/15/25 14:09	10/16/25 22:43	1
Perfluoropentanesulfonic acid (PFPeS)	0.20	U	0.20	0.10	ug/Kg		10/15/25 14:09	10/16/25 22:43	1
Perfluorohexanesulfonic acid (PFHxS)	0.20	U	0.20	0.10	ug/Kg		10/15/25 14:09	10/16/25 22:43	1
Perfluoroheptanesulfonic acid (PFHpS)	0.20	U	0.20	0.10	ug/Kg		10/15/25 14:09	10/16/25 22:43	1
Perfluorooctanesulfonic acid (PFOS)	0.20	U	0.20	0.10	ug/Kg		10/15/25 14:09	10/16/25 22:43	1
Perfluorononanesulfonic acid (PFNS)	0.20	U	0.20	0.10	ug/Kg		10/15/25 14:09	10/16/25 22:43	1
Perfluorodecanesulfonic acid (PFDS)	0.20	U	0.20	0.10	ug/Kg		10/15/25 14:09	10/16/25 22:43	1
Perfluorododecanesulfonic acid (PFDoS)	0.20	U	0.20	0.10	ug/Kg		10/15/25 14:09	10/16/25 22:43	1
1H,1H,2H,2H-Perfluorohexane sulfonic acid (4:2 FTS)	0.40	U	0.40	0.20	ug/Kg		10/15/25 14:09	10/16/25 22:43	1
1H,1H,2H,2H-Perfluorooctane sulfonic acid (6:2 FTS)	0.40	U	0.40	0.20	ug/Kg		10/15/25 14:09	10/16/25 22:43	1
1H,1H,2H,2H-Perfluorodecane sulfonic acid (8:2 FTS)	0.40	U	0.40	0.20	ug/Kg		10/15/25 14:09	10/16/25 22:43	1
Perfluorooctanesulfonamide (PFOSA)	0.20	U	0.20	0.10	ug/Kg		10/15/25 14:09	10/16/25 22:43	1
N-methylperfluorooctane sulfonamide (NMeFOSA)	0.20	U	0.20	0.10	ug/Kg		10/15/25 14:09	10/16/25 22:43	1
N-ethylperfluorooctane sulfonamide (NEtFOSA)	0.20	U	0.20	0.10	ug/Kg		10/15/25 14:09	10/16/25 22:43	1
N-methylperfluorooctanesulfonamidoacetic acid (NMeFOSAA)	0.20	U	0.20	0.10	ug/Kg		10/15/25 14:09	10/16/25 22:43	1
N-ethylperfluorooctanesulfonamidoacetic acid (NEtFOSAA)	0.20	U	0.20	0.10	ug/Kg		10/15/25 14:09	10/16/25 22:43	1
N-methylperfluorooctane sulfonamidoethanol (NMeFOSE)	1.00	U	1.00	0.50	ug/Kg		10/15/25 14:09	10/16/25 22:43	1
N-ethylperfluorooctane sulfonamidoethanol (NEtFOSE)	1.00	U	1.00	0.50	ug/Kg		10/15/25 14:09	10/16/25 22:43	1
Hexafluoropropylene Oxide Dimer Acid (HFPO-DA)	0.20	U	0.20	0.10	ug/Kg		10/15/25 14:09	10/16/25 22:43	1
4,8-Dioxa-3H-perfluorononanoic acid (ADONA)	0.20	U	0.20	0.10	ug/Kg		10/15/25 14:09	10/16/25 22:43	1
Perfluoro-3-methoxypropanoic acid (PFMPA)	0.20	U	0.20	0.10	ug/Kg		10/15/25 14:09	10/16/25 22:43	1
Perfluoro-4-methoxybutanoic acid (PFMBA)	0.20	U	0.20	0.10	ug/Kg		10/15/25 14:09	10/16/25 22:43	1
Nonafluoro-3,6-dioxaheptanoic acid (NFDHA)	0.20	U	0.20	0.10	ug/Kg		10/15/25 14:09	10/16/25 22:43	1
9-Chlorohexadecafluoro-3-oxanonane-1-sulfonic acid (9Cl-PF3ONS)	0.20	U	0.20	0.10	ug/Kg		10/15/25 14:09	10/16/25 22:43	1

Method: 1633A - Per- and Polyfluoroalkyl Substances by LC/MS/MS, 1633A (Continued)

Lab Sample ID: MB 410-714445/1-A
Matrix: Solid
Analysis Batch: 715281

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 714445

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
11-Chloroeicosafluoro-3-oxaundecane-1-sulfonic acid (11Cl-PF3OUdS)	0.20	U	0.20	0.10	ug/Kg		10/15/25 14:09	10/16/25 22:43	1
Perfluoro (2-ethoxyethane) sulfonic acid (PFEESA)	0.20	U	0.20	0.10	ug/Kg		10/15/25 14:09	10/16/25 22:43	1
3-Perfluoropropylpropanoic acid (3:3 FTCA)	0.40	U	0.40	0.20	ug/Kg		10/15/25 14:09	10/16/25 22:43	1
3-Perfluoropentylpropanoic acid (5:3 FTCA)	1.00	U	1.00	0.50	ug/Kg		10/15/25 14:09	10/16/25 22:43	1
3-Perfluoroheptylpropanoic acid (7:3 FTCA)	1.00	U	1.00	0.50	ug/Kg		10/15/25 14:09	10/16/25 22:43	1

Isotope Dilution	*MB %Recovery*	*MB Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
13C4 PFBA	*104*		*8 - 130*	*10/15/25 14:09*	*10/16/25 22:43*	*1*
13C5 PFPeA	*98.7*		*35 - 130*	*10/15/25 14:09*	*10/16/25 22:43*	*1*
13C5 PFHxA	*104*		*40 - 130*	*10/15/25 14:09*	*10/16/25 22:43*	*1*
13C4 PFHpA	*103*		*40 - 130*	*10/15/25 14:09*	*10/16/25 22:43*	*1*
13C8 PFOA	*100*		*40 - 130*	*10/15/25 14:09*	*10/16/25 22:43*	*1*
13C9 PFNA	*93.1*		*40 - 130*	*10/15/25 14:09*	*10/16/25 22:43*	*1*
13C6 PFDA	*91.1*		*40 - 130*	*10/15/25 14:09*	*10/16/25 22:43*	*1*
13C7 PFUnA	*91.2*		*40 - 130*	*10/15/25 14:09*	*10/16/25 22:43*	*1*
13C2 PFTeDA	*77.0*		*20 - 130*	*10/15/25 14:09*	*10/16/25 22:43*	*1*
13C3 PFBS	*88.7*		*40 - 135*	*10/15/25 14:09*	*10/16/25 22:43*	*1*
13C3 PFHxS	*89.1*		*40 - 130*	*10/15/25 14:09*	*10/16/25 22:43*	*1*
13C8 PFOS	*81.0*		*40 - 130*	*10/15/25 14:09*	*10/16/25 22:43*	*1*
13C8 FOSA	*85.5*		*40 - 130*	*10/15/25 14:09*	*10/16/25 22:43*	*1*
d3-NMeFOSAA	*79.3*		*40 - 135*	*10/15/25 14:09*	*10/16/25 22:43*	*1*
d5-NEtFOSAA	*69.7*		*40 - 150*	*10/15/25 14:09*	*10/16/25 22:43*	*1*
13C2 4:2 FTS	*97.8*		*40 - 165*	*10/15/25 14:09*	*10/16/25 22:43*	*1*
13C2 6:2 FTS	*95.6*		*40 - 215*	*10/15/25 14:09*	*10/16/25 22:43*	*1*
13C2 8:2 FTS	*116*		*40 - 275*	*10/15/25 14:09*	*10/16/25 22:43*	*1*
13C3 HFPO-DA	*103*		*40 - 130*	*10/15/25 14:09*	*10/16/25 22:43*	*1*
d7-N-MeFOSE-M	*62.7*		*20 - 130*	*10/15/25 14:09*	*10/16/25 22:43*	*1*
d9-N-EtFOSE-M	*56.1*		*15 - 130*	*10/15/25 14:09*	*10/16/25 22:43*	*1*
d5-NEtPFOSA	*61.7*		*10 - 130*	*10/15/25 14:09*	*10/16/25 22:43*	*1*
d3-NMePFOSA	*70.4*		*10 - 130*	*10/15/25 14:09*	*10/16/25 22:43*	*1*
13C2 PFDoA	*87.0*		*40 - 130*	*10/15/25 14:09*	*10/16/25 22:43*	*1*

Lab Sample ID: LCS 410-714445/2-A
Matrix: Solid
Analysis Batch: 715281

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 714445

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
Perfluorobutanoic acid (PFBA)	5.00	4.914		ug/Kg		98	70 - 140
Perfluoropentanoic acid (PFPeA)	2.50	2.474		ug/Kg		99	60 - 150
Perfluorohexanoic acid (PFHxA)	2.50	2.441		ug/Kg		98	65 - 140
Perfluoroheptanoic acid (PFHpA)	2.50	2.296		ug/Kg		92	65 - 145
Perfluorooctanoic acid (PFOA)	2.50	2.372		ug/Kg		95	70 - 150
Perfluorononanoic acid (PFNA)	2.50	2.372		ug/Kg		95	70 - 155
Perfluorodecanoic acid (PFDA)	2.50	2.366		ug/Kg		95	70 - 155

Method: 1633A - Per- and Polyfluoroalkyl Substances by LC/MS/MS, 1633A (Continued)

Lab Sample ID: LCS 410-714445/2-A
Matrix: Solid
Analysis Batch: 715281

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 714445

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
Perfluoroundecanoic acid (PFUnA)	2.50	2.401		ug/Kg		96	70 - 155
Perfluorododecanoic acid (PFDoA)	2.50	2.522		ug/Kg		101	70 - 150
Perfluorotridecanoic acid (PFTrDA)	2.50	2.597		ug/Kg		104	65 - 150
Perfluorotetradecanoic acid (PFTeDA)	2.50	2.445		ug/Kg		98	65 - 150
Perfluorobutanesulfonic acid (PFBS)	2.22	2.272		ug/Kg		102	65 - 145
Perfluoropentanesulfonic acid (PFPeS)	2.35	2.410		ug/Kg		103	55 - 160
Perfluorohexanesulfonic acid (PFHxS)	2.28	2.370		ug/Kg		104	60 - 150
Perfluoroheptanesulfonic acid (PFHpS)	2.39	2.441		ug/Kg		102	65 - 155
Perfluorooctanesulfonic acid (PFOS)	2.33	2.148		ug/Kg		92	65 - 160
Perfluorononanesulfonic acid (PFNS)	2.41	2.438		ug/Kg		101	55 - 140
Perfluorodecanesulfonic acid (PFDS)	2.41	2.309		ug/Kg		96	40 - 155
Perfluorododecanesulfonic acid (PFDoS)	2.43	1.859		ug/Kg		77	25 - 160
1H,1H,2H,2H-Perfluorohexane sulfonic acid (4:2 FTS)	4.69	4.836		ug/Kg		103	60 - 150
1H,1H,2H,2H-Perfluorooctane sulfonic acid (6:2 FTS)	4.76	4.810		ug/Kg		101	55 - 200
1H,1H,2H,2H-Perfluorodecane sulfonic acid (8:2 FTS)	4.80	4.630		ug/Kg		96	70 - 150
Perfluorooctanesulfonamide (PFOSA)	2.50	2.528		ug/Kg		101	70 - 140
N-methylperfluorooctane sulfonamide (NMeFOSA)	2.50	2.466		ug/Kg		99	70 - 155
N-ethylperfluorooctane sulfonamide (NEtFOSA)	2.50	2.430		ug/Kg		97	70 - 140
N-methylperfluorooctanesulfonamidoacetic acid (NMeFOSAA)	2.50	2.663		ug/Kg		107	65 - 155
N-ethylperfluorooctanesulfonamidoacetic acid (NEtFOSAA)	2.50	2.637		ug/Kg		105	65 - 165
N-methylperfluorooctane sulfonamidoethanol (NMeFOSE)	12.5	12.60		ug/Kg		101	70 - 140
N-ethylperfluorooctane sulfonamidoethanol (NEtFOSE)	12.5	12.57		ug/Kg		101	70 - 135
Hexafluoropropylene Oxide Dimer Acid (HFPO-DA)	1.88	1.888		ug/Kg		101	70 - 145
4,8-Dioxa-3H-perfluorononanoic acid (ADONA)	2.37	2.481		ug/Kg		105	70 - 160
Perfluoro-3-methoxypropanoic acid (PFMPA)	2.50	2.629		ug/Kg		105	30 - 140
Perfluoro-4-methoxybutanoic acid (PFMBA)	2.50	2.550		ug/Kg		102	60 - 150
Nonafluoro-3,6-dioxaheptanoic acid (NFDHA)	2.50	2.484		ug/Kg		99	60 - 155

Method: 1633A - Per- and Polyfluoroalkyl Substances by LC/MS/MS, 1633A (Continued)

Lab Sample ID: LCS 410-714445/2-A
Matrix: Solid
Analysis Batch: 715281

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 714445

Analyte			Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits		
9-Chlorohexadecafluoro-3-oxanonane-1-sulfonic acid (9Cl-PF3ONS)			2.34	2.222		ug/Kg		95	70 - 150		
11-Chloroeicosafluoro-3-oxaundecane-1-sulfonic acid (11Cl-PF3OUdS)			2.36	2.189		ug/Kg		93	45 - 160		
Perfluoro (2-ethoxyethane) sulfonic acid (PFEESA)			2.23	2.219		ug/Kg		99	70 - 140		
3-Perfluoropropylpropanoic acid (3:3 FTCA)			5.00	5.083		ug/Kg		102	45 - 130		
3-Perfluoropentylpropanoic acid (5:3 FTCA)			12.5	11.65		ug/Kg		93	60 - 130		
3-Perfluoroheptylpropanoic acid (7:3 FTCA)			12.5	10.89		ug/Kg		87	60 - 150		

Isotope Dilution	*LCS %Recovery*	*LCS Qualifier*	*Limits*
13C4 PFBA	*102*		*8 - 130*
13C5 PFPeA	*109*		*35 - 130*
13C5 PFHxA	*111*		*40 - 130*
13C4 PFHpA	*113*		*40 - 130*
13C8 PFOA	*104*		*40 - 130*
13C9 PFNA	*101*		*40 - 130*
13C6 PFDA	*95.1*		*40 - 130*
13C7 PFUnA	*96.5*		*40 - 130*
13C2 PFTeDA	*82.2*		*20 - 130*
13C3 PFBS	*98.1*		*40 - 135*
13C3 PFHxS	*96.0*		*40 - 130*
13C8 PFOS	*89.4*		*40 - 130*
13C8 FOSA	*91.3*		*40 - 130*
d3-NMeFOSAA	*84.0*		*40 - 135*
d5-NEtFOSAA	*72.3*		*40 - 150*
13C2 4:2 FTS	*96.8*		*40 - 165*
13C2 6:2 FTS	*106*		*40 - 215*
13C2 8:2 FTS	*188*		*40 - 275*
13C3 HFPO-DA	*109*		*40 - 130*
d7-N-MeFOSE-M	*57.7*		*20 - 130*
d9-N-EtFOSE-M	*53.1*		*15 - 130*
d5-NEtPFOSA	*72.1*		*10 - 130*
d3-NMePFOSA	*79.2*		*10 - 130*
13C2 PFDoA	*91.4*		*40 - 130*

Lab Sample ID: LCSD 410-714445/3-A
Matrix: Solid
Analysis Batch: 715281

Client Sample ID: Lab Control Sample Dup
Prep Type: Total/NA
Prep Batch: 714445

Analyte			Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Perfluorobutanoic acid (PFBA)			5.00	4.984		ug/Kg		100	70 - 140	1	30
Perfluoropentanoic acid (PFPeA)			2.50	2.579		ug/Kg		103	60 - 150	4	30
Perfluorohexanoic acid (PFHxA)			2.50	2.410		ug/Kg		96	65 - 140	1	30
Perfluoroheptanoic acid (PFHpA)			2.50	2.317		ug/Kg		93	65 - 145	1	30
Perfluorooctanoic acid (PFOA)			2.50	2.475		ug/Kg		99	70 - 150	4	30

Method: 1633A - Per- and Polyfluoroalkyl Substances by LC/MS/MS, 1633A (Continued)

Lab Sample ID: LCSD 410-714445/3-A
Matrix: Solid
Analysis Batch: 715281

Client Sample ID: Lab Control Sample Dup
Prep Type: Total/NA
Prep Batch: 714445

Analyte	Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Perfluorononanoic acid (PFNA)	2.50	2.380		ug/Kg		95	70 - 155	0	30
Perfluorodecanoic acid (PFDA)	2.50	2.441		ug/Kg		98	70 - 155	3	30
Perfluoroundecanoic acid (PFUnA)	2.50	2.155		ug/Kg		86	70 - 155	11	30
Perfluorododecanoic acid (PFDoA)	2.50	2.524		ug/Kg		101	70 - 150	0	30
Perfluorotridecanoic acid (PFTrDA)	2.50	2.405		ug/Kg		96	65 - 150	8	30
Perfluorotetradecanoic acid (PFTeDA)	2.50	2.203		ug/Kg		88	65 - 150	10	30
Perfluorobutanesulfonic acid (PFBS)	2.22	2.229		ug/Kg		100	65 - 145	2	30
Perfluoropentanesulfonic acid (PFPeS)	2.35	2.372		ug/Kg		101	55 - 160	2	30
Perfluorohexanesulfonic acid (PFHxS)	2.28	2.225		ug/Kg		98	60 - 150	6	30
Perfluoroheptanesulfonic acid (PFHpS)	2.39	2.588		ug/Kg		108	65 - 155	6	30
Perfluorooctanesulfonic acid (PFOS)	2.33	2.279		ug/Kg		98	65 - 160	6	30
Perfluorononanesulfonic acid (PFNS)	2.41	2.462		ug/Kg		102	55 - 140	1	30
Perfluorodecanesulfonic acid (PFDS)	2.41	2.399		ug/Kg		100	40 - 155	4	30
Perfluorododecanesulfonic acid (PFDoS)	2.43	1.996		ug/Kg		82	25 - 160	7	30
1H,1H,2H,2H-Perfluorohexane sulfonic acid (4:2 FTS)	4.69	4.518		ug/Kg		96	60 - 150	7	30
1H,1H,2H,2H-Perfluorooctane sulfonic acid (6:2 FTS)	4.76	4.711		ug/Kg		99	55 - 200	2	30
1H,1H,2H,2H-Perfluorodecane sulfonic acid (8:2 FTS)	4.80	4.367		ug/Kg		91	70 - 150	6	30
Perfluorooctanesulfonamide (PFOSA)	2.50	2.467		ug/Kg		99	70 - 140	2	30
N-methylperfluorooctane sulfonamide (NMeFOSA)	2.50	2.465		ug/Kg		99	70 - 155	0	30
N-ethylperfluorooctane sulfonamide (NEtFOSA)	2.50	2.386		ug/Kg		95	70 - 140	2	30
N-methylperfluorooctanesulfonamidoacetic acid (NMeFOSAA)	2.50	2.412		ug/Kg		96	65 - 155	10	30
N-ethylperfluorooctanesulfonamidoacetic acid (NEtFOSAA)	2.50	2.214		ug/Kg		89	65 - 165	17	30
N-methylperfluorooctane sulfonamidoethanol (NMeFOSE)	12.5	12.20		ug/Kg		98	70 - 140	3	30
N-ethylperfluorooctane sulfonamidoethanol (NEtFOSE)	12.5	12.61		ug/Kg		101	70 - 135	0	30
Hexafluoropropylene Oxide Dimer Acid (HFPO-DA)	1.88	1.809		ug/Kg		96	70 - 145	4	30
4,8-Dioxa-3H-perfluorononanoic acid (ADONA)	2.37	2.515		ug/Kg		106	70 - 160	1	30
Perfluoro-3-methoxypropanoic acid (PFMPA)	2.50	2.585		ug/Kg		103	30 - 140	2	30
Perfluoro-4-methoxybutanoic acid (PFMBA)	2.50	2.736		ug/Kg		109	60 - 150	7	30

Method: 1633A - Per- and Polyfluoroalkyl Substances by LC/MS/MS, 1633A (Continued)

Lab Sample ID: LCSD 410-714445/3-A
Matrix: Solid
Analysis Batch: 715281

Client Sample ID: Lab Control Sample Dup
Prep Type: Total/NA
Prep Batch: 714445

Analyte			Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Nonafluoro-3,6-dioxaheptanoic acid (NFDHA)			2.50	2.282		ug/Kg		91	60 - 155	8	30
9-Chlorohexadecafluoro-3-oxanonane-1-sulfonic acid (9Cl-PF3ONS)			2.34	2.291		ug/Kg		98	70 - 150	3	30
11-Chloroeicosafluoro-3-oxaundecane-1-sulfonic acid (11Cl-PF3OUdS)			2.36	2.282		ug/Kg		97	45 - 160	4	30
Perfluoro (2-ethoxyethane) sulfonic acid (PFEESA)			2.23	2.134		ug/Kg		96	70 - 140	4	30
3-Perfluoropropylpropanoic acid (3:3 FTCA)			5.00	5.288		ug/Kg		106	45 - 130	4	30
3-Perfluoropentylpropanoic acid (5:3 FTCA)			12.5	10.35		ug/Kg		83	60 - 130	12	30
3-Perfluoroheptylpropanoic acid (7:3 FTCA)			12.5	9.078		ug/Kg		73	60 - 150	18	30

Isotope Dilution	*LCSD %Recovery*	*LCSD Qualifier*	*Limits*
13C4 PFBA	*97.7*		*8 - 130*
13C5 PFPeA	*95.9*		*35 - 130*
13C5 PFHxA	*104*		*40 - 130*
13C4 PFHpA	*98.0*		*40 - 130*
13C8 PFOA	*94.3*		*40 - 130*
13C9 PFNA	*88.1*		*40 - 130*
13C6 PFDA	*83.8*		*40 - 130*
13C7 PFUnA	*86.8*		*40 - 130*
13C2 PFTeDA	*75.2*		*20 - 130*
13C3 PFBS	*96.6*		*40 - 135*
13C3 PFHxS	*90.6*		*40 - 130*
13C8 PFOS	*76.6*		*40 - 130*
13C8 FOSA	*76.8*		*40 - 130*
d3-NMeFOSAA	*74.6*		*40 - 135*
d5-NEtFOSAA	*64.8*		*40 - 150*
13C2 4:2 FTS	*95.9*		*40 - 165*
13C2 6:2 FTS	*90.7*		*40 - 215*
13C2 8:2 FTS	*126*		*40 - 275*
13C3 HFPO-DA	*94.9*		*40 - 130*
d7-N-MeFOSE-M	*59.6*		*20 - 130*
d9-N-EtFOSE-M	*53.4*		*15 - 130*
d5-NEtPFOSA	*56.0*		*10 - 130*
d3-NMePFOSA	*60.4*		*10 - 130*
13C2 PFDoA	*82.5*		*40 - 130*

Lab Sample ID: LLCS 410-714445/4-A
Matrix: Solid
Analysis Batch: 715726

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 714445

Analyte			Spike Added	LLCS Result	LLCS Qualifier	Unit	D	%Rec	%Rec Limits
Perfluorobutanoic acid (PFBA)			0.500	0.469		ug/Kg		94	70 - 140
Perfluoropentanoic acid (PFPeA)			0.250	0.240		ug/Kg		96	60 - 150
Perfluorohexanoic acid (PFHxA)			0.250	0.262		ug/Kg		105	65 - 140

Method: 1633A - Per- and Polyfluoroalkyl Substances by LC/MS/MS, 1633A (Continued)

Lab Sample ID: LLCS 410-714445/4-A
Matrix: Solid
Analysis Batch: 715726

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 714445

Analyte	Spike Added	LLCS Result	LLCS Qualifier	Unit	D	%Rec	%Rec Limits
Perfluoroheptanoic acid (PFHpA)	0.250	0.263		ug/Kg		105	65 - 145
Perfluorooctanoic acid (PFOA)	0.250	0.274		ug/Kg		110	70 - 150
Perfluorononanoic acid (PFNA)	0.250	0.236		ug/Kg		94	70 - 155
Perfluorodecanoic acid (PFDA)	0.250	0.237		ug/Kg		95	70 - 155
Perfluoroundecanoic acid (PFUnA)	0.250	0.241		ug/Kg		96	70 - 155
Perfluorododecanoic acid (PFDoA)	0.250	0.224		ug/Kg		90	70 - 150
Perfluorotridecanoic acid (PFTrDA)	0.250	0.246		ug/Kg		99	65 - 150
Perfluorotetradecanoic acid (PFTeDA)	0.250	0.242		ug/Kg		97	65 - 150
Perfluorobutanesulfonic acid (PFBS)	0.222	0.219		ug/Kg		99	65 - 145
Perfluoropentanesulfonic acid (PFPeS)	0.235	0.224		ug/Kg		95	55 - 160
Perfluorohexanesulfonic acid (PFHxS)	0.228	0.208		ug/Kg		91	60 - 150
Perfluoroheptanesulfonic acid (PFHpS)	0.239	0.242		ug/Kg		101	65 - 155
Perfluorooctanesulfonic acid (PFOS)	0.233	0.245		ug/Kg		105	65 - 160
Perfluorononanesulfonic acid (PFNS)	0.241	0.232		ug/Kg		96	55 - 140
Perfluorodecanesulfonic acid (PFDS)	0.241	0.212		ug/Kg		88	40 - 155
Perfluorododecanesulfonic acid (PFDoS)	0.243	0.195	J	ug/Kg		80	25 - 160
1H,1H,2H,2H-Perfluorohexane sulfonic acid (4:2 FTS)	0.469	0.480		ug/Kg		102	60 - 150
1H,1H,2H,2H-Perfluorooctane sulfonic acid (6:2 FTS)	0.476	0.449		ug/Kg		94	55 - 200
1H,1H,2H,2H-Perfluorodecane sulfonic acid (8:2 FTS)	0.480	0.437		ug/Kg		91	70 - 150
Perfluorooctanesulfonamide (PFOSA)	0.250	0.263		ug/Kg		105	70 - 140
N-methylperfluorooctane sulfonamide (NMeFOSA)	0.250	0.271		ug/Kg		109	70 - 155
N-ethylperfluorooctane sulfonamide (NEtFOSA)	0.250	0.227		ug/Kg		91	70 - 140
N-methylperfluorooctanesulfonamidoacetic acid (NMeFOSAA)	0.250	0.169	J	ug/Kg		68	65 - 155
N-ethylperfluorooctanesulfonamidoacetic acid (NEtFOSAA)	0.250	0.222		ug/Kg		89	65 - 165
N-methylperfluorooctane sulfonamidoethanol (NMeFOSE)	1.25	1.266		ug/Kg		101	70 - 140
N-ethylperfluorooctane sulfonamidoethanol (NEtFOSE)	1.25	1.470		ug/Kg		118	70 - 135
Hexafluoropropylene Oxide Dimer Acid (HFPO-DA)	0.188	0.192	J	ug/Kg		102	70 - 145
4,8-Dioxa-3H-perfluorononanoic acid (ADONA)	0.237	0.235		ug/Kg		99	70 - 160
Perfluoro-3-methoxypropanoic acid (PFMPA)	0.250	0.231		ug/Kg		92	30 - 140

Method: 1633A - Per- and Polyfluoroalkyl Substances by LC/MS/MS, 1633A (Continued)

Lab Sample ID: LLCS 410-714445/4-A
Matrix: Solid
Analysis Batch: 715726

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 714445

Analyte			Spike Added	LLCS Result	LLCS Qualifier	Unit	D	%Rec	%Rec Limits		
Perfluoro-4-methoxybutanoic acid (PFMBA)			0.250	0.223		ug/Kg		89	60 - 150		
Nonafluoro-3,6-dioxaheptanoic acid (NFDHA)			0.250	0.273		ug/Kg		109	60 - 155		
9-Chlorohexadecafluoro-3-oxanonane-1-sulfonic acid (9Cl-PF3ONS)			0.234	0.256		ug/Kg		110	70 - 150		
11-Chloroeicosafluoro-3-oxaundecane-1-sulfonic acid (11Cl-PF3OUdS)			0.236	0.240		ug/Kg		102	45 - 160		
Perfluoro (2-ethoxyethane) sulfonic acid (PFEESA)			0.223	0.204		ug/Kg		91	70 - 140		
3-Perfluoropropylpropanoic acid (3:3 FTCA)			0.500	0.409		ug/Kg		82	45 - 130		
3-Perfluoropentylpropanoic acid (5:3 FTCA)			1.25	1.293		ug/Kg		103	60 - 130		
3-Perfluoroheptylpropanoic acid (7:3 FTCA)			1.25	1.006		ug/Kg		80	60 - 150		

Isotope Dilution	*LLCS %Recovery*	*LLCS Qualifier*	*Limits*
13C4 PFBA	*90.9*		*8 - 130*
13C5 PFPeA	*93.1*		*35 - 130*
13C5 PFHxA	*89.5*		*40 - 130*
13C4 PFHpA	*87.1*		*40 - 130*
13C8 PFOA	*86.8*		*40 - 130*
13C9 PFNA	*82.5*		*40 - 130*
13C6 PFDA	*82.6*		*40 - 130*
13C7 PFUnA	*80.2*		*40 - 130*
13C2 PFTeDA	*62.5*		*20 - 130*
13C3 PFBS	*84.6*		*40 - 135*
13C3 PFHxS	*87.0*		*40 - 130*
13C8 PFOS	*82.5*		*40 - 130*
13C8 FOSA	*78.6*		*40 - 130*
d3-NMeFOSAA	*76.2*		*40 - 135*
d5-NEtFOSAA	*74.4*		*40 - 150*
13C2 4:2 FTS	*85.0*		*40 - 165*
13C2 6:2 FTS	*82.4*		*40 - 215*
13C2 8:2 FTS	*88.3*		*40 - 275*
13C3 HFPO-DA	*88.5*		*40 - 130*
d7-N-MeFOSE-M	*46.8*		*20 - 130*
d9-N-EtFOSE-M	*36.7*		*15 - 130*
d5-NEtPFOSA	*63.4*		*10 - 130*
d3-NMePFOSA	*63.7*		*10 - 130*
13C2 PFDoA	*78.6*		*40 - 130*

Method: 6020B - Metals (ICP/MS)

Lab Sample ID: MB 460-1069167/1-A
Matrix: Solid
Analysis Batch: 1069289

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 1069167

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Aluminum	20.0	U	20.0	5.5	mg/Kg		10/17/25 20:20	10/18/25 17:42	1
Antimony	1.0	U	1.0	0.15	mg/Kg		10/17/25 20:20	10/18/25 17:42	1
Arsenic	1.0	U	1.0	0.10	mg/Kg		10/17/25 20:20	10/18/25 17:42	1
Barium	2.0	U	2.0	0.15	mg/Kg		10/17/25 20:20	10/18/25 17:42	1
Beryllium	0.40	U	0.40	0.022	mg/Kg		10/17/25 20:20	10/18/25 17:42	1
Cadmium	1.0	U	1.0	0.11	mg/Kg		10/17/25 20:20	10/18/25 17:42	1
Calcium	100	U	100	9.7	mg/Kg		10/17/25 20:20	10/18/25 17:42	1
Chromium	2.0	U	2.0	0.30	mg/Kg		10/17/25 20:20	10/18/25 17:42	1
Cobalt	1.0	U	1.0	0.15	mg/Kg		10/17/25 20:20	10/18/25 17:42	1
Copper	2.0	U	2.0	0.37	mg/Kg		10/17/25 20:20	10/18/25 17:42	1
Iron	60.0	U	60.0	7.7	mg/Kg		10/17/25 20:20	10/18/25 17:42	1
Lead	0.60	U	0.60	0.20	mg/Kg		10/17/25 20:20	10/18/25 17:42	1
Magnesium	100	U	100	10.2	mg/Kg		10/17/25 20:20	10/18/25 17:42	1
Manganese	4.0	U	4.0	0.40	mg/Kg		10/17/25 20:20	10/18/25 17:42	1
Nickel	2.0	U	2.0	0.18	mg/Kg		10/17/25 20:20	10/18/25 17:42	1
Potassium	100	U	100	16.2	mg/Kg		10/17/25 20:20	10/18/25 17:42	1
Selenium	1.3	U	1.3	0.13	mg/Kg		10/17/25 20:20	10/18/25 17:42	1
Silver	0.40	U	0.40	0.089	mg/Kg		10/17/25 20:20	10/18/25 17:42	1
Sodium	100	U	100	45.7	mg/Kg		10/17/25 20:20	10/18/25 17:42	1
Thallium	0.40	U	0.40	0.041	mg/Kg		10/17/25 20:20	10/18/25 17:42	1
Vanadium	2.0	U	2.0	0.21	mg/Kg		10/17/25 20:20	10/18/25 17:42	1
Zinc	8.0	U	8.0	1.1	mg/Kg		10/17/25 20:20	10/18/25 17:42	1

Lab Sample ID: LCSSRM 460-1069167/2-A
Matrix: Solid
Analysis Batch: 1069289

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 1069167

Analyte	Spike Added	LCSSRM Result	LCSSRM Qualifier	Unit	D	%Rec	%Rec Limits
Aluminum	6840	5437		mg/Kg		79.5	53.2 - 146.2
Antimony	131	73.90		mg/Kg		56.4	4.5 - 195.4
Arsenic	192	170.9		mg/Kg		89.0	81.3 - 118.8
Barium	219	206.4		mg/Kg		94.3	81.7 - 118.3
Beryllium	146	125.5		mg/Kg		86.0	82.2 - 117.8
Cadmium	114	99.69		mg/Kg		87.4	81.7 - 118.4
Calcium	4080	3850		mg/Kg		94.4	82.4 - 117.6
Chromium	153	140.6		mg/Kg		91.9	81.0 - 119.0
Cobalt	231	217.6		mg/Kg		94.2	83.1 - 117.3
Copper	91.2	82.57		mg/Kg		90.5	83.1 - 117.3
Iron	7020	5431		mg/Kg		77.4	60.7 - 139.2
Lead	141	122.7		mg/Kg		87.1	81.6 - 118.4

Method: 6020B - Metals (ICP/MS) (Continued)

Lab Sample ID: LCSSRM 460-1069167/2-A
Matrix: Solid
Analysis Batch: 1069289

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 1069167

Analyte	Spike Added	LCSSRM Result	LCSSRM Qualifier	Unit	D	%Rec	%Rec Limits
Magnesium	1900	1616		mg/Kg		85.1	76.3 - 123.7
Manganese	401	399.1		mg/Kg		99.5	80.8 - 119.0
Nickel	143	136.3		mg/Kg		95.3	81.8 - 118.9
Potassium	1760	1487		mg/Kg		84.5	72.2 - 127.8
Selenium	94.7	85.03		mg/Kg		89.8	78.5 - 121.4
Silver	77.0	66.16		mg/Kg		85.9	79.4 - 120.6
Sodium	661	646.0		mg/Kg		97.7	73.7 - 126.2
Thallium	183	162.5		mg/Kg		88.8	80.3 - 119.7
Vanadium	159	141.2		mg/Kg		88.8	78.6 - 122.0
Zinc	292	270.5		mg/Kg		92.6	79.8 - 120.2

Lab Sample ID: 460-337034-A-7-F MS
Matrix: Solid
Analysis Batch: 1069289

Client Sample ID: Matrix Spike
Prep Type: Total/NA
Prep Batch: 1069167

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec Limits
Aluminum	4420		409	5892	4	mg/Kg	☼	361	75 - 125
Antimony	0.84		4.09	4.75		mg/Kg	☼	96	75 - 125
Arsenic	6.4		8.17	13.79		mg/Kg	☼	90	75 - 125
Barium	21.1		8.17	32.90	N	mg/Kg	☼	144	75 - 125
Beryllium	0.40		4.09	4.11		mg/Kg	☼	91	75 - 125
Cadmium	0.12	J	4.09	3.81		mg/Kg	☼	91	75 - 125
Calcium	1040		409	3500	N	mg/Kg	☼	603	75 - 125
Chromium	11.2		8.17	19.53		mg/Kg	☼	102	75 - 125
Cobalt	4.6		4.09	8.29		mg/Kg	☼	90	75 - 125
Copper	21.4		8.17	30.27		mg/Kg	☼	109	75 - 125
Iron	16400		409	17870	4	mg/Kg	☼	368	75 - 125
Lead	15.3		4.09	21.04	N	mg/Kg	☼	141	75 - 125
Magnesium	1590		409	3239	N	mg/Kg	☼	403	75 - 125
Manganese	150		40.9	170.2	N	mg/Kg	☼	50	75 - 125
Nickel	6.1		8.17	13.91		mg/Kg	☼	96	75 - 125
Potassium	1440		409	2161	N	mg/Kg	☼	175	75 - 125
Selenium	0.16	J	8.17	7.56		mg/Kg	☼	91	75 - 125
Silver	0.074	J	4.09	3.72		mg/Kg	☼	89	75 - 125
Sodium	39.2	J	409	440.7		mg/Kg	☼	98	75 - 125
Thallium	0.037	J	3.27	3.10		mg/Kg	☼	94	75 - 125
Vanadium	19.6		8.17	29.21		mg/Kg	☼	117	75 - 125
Zinc	32.3		40.9	72.17		mg/Kg	☼	98	75 - 125

Method: 6020B - Metals (ICP/MS) (Continued)

Lab Sample ID: 460-337034-A-7-E DU
Matrix: Solid
Analysis Batch: 1069289

Client Sample ID: Duplicate
Prep Type: Total/NA
Prep Batch: 1069167

Analyte	Sample Result	Sample Qualifier	DU Result	DU Qualifier	Unit	D	RPD	RPD Limit
Aluminum	4420		4295		mg/Kg	☼	3	20
Antimony	0.84		0.911		mg/Kg	☼	8	20
Arsenic	6.4		6.46		mg/Kg	☼	0.4	20
Barium	21.1		21.61		mg/Kg	☼	2	20
Beryllium	0.40		0.415		mg/Kg	☼	3	20
Cadmium	0.12	J	0.140	J	mg/Kg	☼	19	20
Calcium	1040		3265	*	mg/Kg	☼	104	20
Chromium	11.2		10.67		mg/Kg	☼	5	20
Cobalt	4.6		4.71		mg/Kg	☼	2	20
Copper	21.4		24.11		mg/Kg	☼	12	20
Iron	16400		16250		mg/Kg	☼	0.8	20
Lead	15.3		17.30		mg/Kg	☼	12	20
Magnesium	1590		2853	*	mg/Kg	☼	57	20
Manganese	150		149.3		mg/Kg	☼	0.4	20
Nickel	6.1		6.16		mg/Kg	☼	2	20
Potassium	1440		1486		mg/Kg	☼	3	20
Selenium	0.16	J	0.206	J	mg/Kg	☼	25	20
Silver	0.074	J	0.0881	J	mg/Kg	☼	18	20
Sodium	39.2	J	41.86	J	mg/Kg	☼	6	20
Thallium	0.037	J	0.0442	J	mg/Kg	☼	19	20
Vanadium	19.6		19.84		mg/Kg	☼	1	20
Zinc	32.3		36.07		mg/Kg	☼	11	20

Method: 7471B - Mercury (CVAA)

Lab Sample ID: MB 460-1069862/10-A
Matrix: Solid
Analysis Batch: 1069943

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 1069862

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	0.017	U	0.017	0.0080	mg/Kg		10/22/25 01:14	10/22/25 09:03	1

Lab Sample ID: LCSSRM 460-1069862/11-A
Matrix: Solid
Analysis Batch: 1069943

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 1069862

Analyte	Spike Added	LCSSRM Result	LCSSRM Qualifier	Unit	D	%Rec	%Rec Limits
Mercury	14.1	14.15		mg/Kg		100.4	69.6 - 130.5

Lab Sample ID: 460-337039-E-2-I MS
Matrix: Solid
Analysis Batch: 1069943

Client Sample ID: Matrix Spike
Prep Type: Total/NA
Prep Batch: 1069862

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec Limits
Mercury	0.13		0.0833	0.146	N	mg/Kg	☼	18	80 - 120

Method: 7471B - Mercury (CVAA) (Continued)

Lab Sample ID: 460-337039-E-2-H DU
Matrix: Solid
Analysis Batch: 1069943

Client Sample ID: Duplicate
Prep Type: Total/NA
Prep Batch: 1069862

Analyte	Sample Result	Sample Qualifier		DU Result	DU Qualifier	Unit	D			RPD	RPD Limit
Mercury	0.13			0.133		mg/Kg	☼			2	20

Lab Sample ID: MB 460-1069864/1-A
Matrix: Solid
Analysis Batch: 1069943

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 1069864

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	0.017	U	0.017	0.0080	mg/Kg		10/22/25 01:36	10/22/25 07:34	1

Lab Sample ID: LCSSRM 460-1069864/2-A
Matrix: Solid
Analysis Batch: 1069943

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 1069864

Analyte			Spike Added	LCSSRM Result	LCSSRM Qualifier	Unit	D	%Rec	%Rec Limits		
Mercury			14.1	15.04		mg/Kg		106.6	69.6 - 130.5		

Lab Sample ID: 460-337049-14 MS
Matrix: Solid
Analysis Batch: 1069943

Client Sample ID: 51B_4-8
Prep Type: Total/NA
Prep Batch: 1069864

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec Limits		
Mercury	0.021		0.0868	0.109		mg/Kg	☼	101	80 - 120		

Lab Sample ID: 460-337049-14 DU
Matrix: Solid
Analysis Batch: 1069943

Client Sample ID: 51B_4-8
Prep Type: Total/NA
Prep Batch: 1069864

Analyte	Sample Result	Sample Qualifier		DU Result	DU Qualifier	Unit	D			RPD	RPD Limit
Mercury	0.021			0.0226		mg/Kg	☼			7	20

Method: Moisture - Percent Moisture

Lab Sample ID: 460-337049-9 DU
Matrix: Solid
Analysis Batch: 1068038

Client Sample ID: 52E_0-4
Prep Type: Total/NA

Analyte	Sample Result	Sample Qualifier		DU Result	DU Qualifier	Unit	D			RPD	RPD Limit
Percent Moisture	5.8			7.4	*	%				25	20
Percent Solids	94.2			92.6		%				2	20

Lab Sample ID: 460-337049-20 DU
Matrix: Solid
Analysis Batch: 1068595

Client Sample ID: 51A1_6-7
Prep Type: Total/NA

Analyte	Sample Result	Sample Qualifier		DU Result	DU Qualifier	Unit	D			RPD	RPD Limit
Percent Moisture	1.0			3.0	*	%				99	20
Percent Solids	99.0			97.0		%				2	20

Method: Moisture - Percent Moisture (Continued)

Lab Sample ID: 460-337049-41 DU
Matrix: Solid
Analysis Batch: 1068596

Client Sample ID: 52B3_4-5
Prep Type: Total/NA

Analyte	Sample Result	Sample Qualifier		DU Result	DU Qualifier	Unit	D			RPD	RPD Limit
Percent Moisture	1.2			4.0	*	%				107	20
Percent Solids	98.8			96.0		%				3	20

Lab Sample ID: 460-337049-62 DU
Matrix: Solid
Analysis Batch: 1068596

Client Sample ID: 52E3_6-7
Prep Type: Total/NA

Analyte	Sample Result	Sample Qualifier		DU Result	DU Qualifier	Unit	D			RPD	RPD Limit
Percent Moisture	3.6			4.0		%				12	20
Percent Solids	96.4			96.0		%				0.5	20

GC/MS VOA

Prep Batch: 1068204

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
460-337049-15	51A1_3-4	Total/NA	Solid	5035	
460-337049-16	51A2_1-2	Total/NA	Solid	5035	
460-337049-17	51A3_2-3	Total/NA	Solid	5035	
460-337049-18	51A4_4-5	Total/NA	Solid	5035	
460-337049-19	51A5_5-6	Total/NA	Solid	5035	
460-337049-20	51A1_6-7	Total/NA	Solid	5035	
460-337049-21	51A2_3-4	Total/NA	Solid	5035	
460-337049-22	51B1_1-2	Total/NA	Solid	5035	
460-337049-23	51B2_2-3	Total/NA	Solid	5035	
460-337049-24	51B3_4-5	Total/NA	Solid	5035	
460-337049-25	51B4_5-6	Total/NA	Solid	5035	
460-337049-26	51B5_7-8	Total/NA	Solid	5035	
460-337049-27	51B1_5-6	Total/NA	Solid	5035	
460-337049-28	51B3_6-7	Total/NA	Solid	5035	
460-337049-29	52A1_1-2	Total/NA	Solid	5035	
460-337049-30	52A2_3-4	Total/NA	Solid	5035	
460-337049-31	52A3_2-3	Total/NA	Solid	5035	
460-337049-32	52A1_4-5	Total/NA	Solid	5035	
460-337049-33	52A2_5-6	Total/NA	Solid	5035	
460-337049-34	52A3_6-7	Total/NA	Solid	5035	
460-337049-35	52A1_7-8	Total/NA	Solid	5035	
460-337049-36	52B1_1-2	Total/NA	Solid	5035	
460-337049-37	52B2_2-3	Total/NA	Solid	5035	
460-337049-38	52B3_3-4	Total/NA	Solid	5035	
460-337049-39	52B1_5-6	Total/NA	Solid	5035	

Prep Batch: 1068212

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
460-337049-40	52B2_7-8	Total/NA	Solid	5035	
460-337049-41	52B3_4-5	Total/NA	Solid	5035	
460-337049-42	52B2_4-5	Total/NA	Solid	5035	
460-337049-43	52C1_2-3	Total/NA	Solid	5035	
460-337049-44	52C2_1-2	Total/NA	Solid	5035	
460-337049-45	52C3_4-5	Total/NA	Solid	5035	
460-337049-46	52C1_6-7	Total/NA	Solid	5035	
460-337049-47	52C2_5-6	Total/NA	Solid	5035	
460-337049-48	52C_7-8	Total/NA	Solid	5035	
460-337049-49	52C3_2-3	Total/NA	Solid	5035	
460-337049-50	52D1_3-4	Total/NA	Solid	5035	
460-337049-51	52D2_1-2	Total/NA	Solid	5035	
460-337049-52	52D3_4-5	Total/NA	Solid	5035	
460-337049-53	52D1_5-6	Total/NA	Solid	5035	
460-337049-54	52D2_7-8	Total/NA	Solid	5035	
460-337049-55	52D3_5-6	Total/NA	Solid	5035	
460-337049-56	52D1_2-3	Total/NA	Solid	5035	
460-337049-57	52E1_2-3	Total/NA	Solid	5035	
460-337049-58	52E2_3-4	Total/NA	Solid	5035	
460-337049-59	52E3_1-2	Total/NA	Solid	5035	
460-337049-61	52E2_7-8	Total/NA	Solid	5035	
460-337049-62	52E3_6-7	Total/NA	Solid	5035	
460-337049-63	52E2_5-6	Total/NA	Solid	5035	

GC/MS VOA

Analysis Batch: 1068231

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
460-337049-15	51A1_3-4	Total/NA	Solid	8260D	1068204
460-337049-16	51A2_1-2	Total/NA	Solid	8260D	1068204
460-337049-17	51A3_2-3	Total/NA	Solid	8260D	1068204
460-337049-18	51A4_4-5	Total/NA	Solid	8260D	1068204
460-337049-19	51A5_5-6	Total/NA	Solid	8260D	1068204
460-337049-20	51A1_6-7	Total/NA	Solid	8260D	1068204
460-337049-21	51A2_3-4	Total/NA	Solid	8260D	1068204
460-337049-22	51B1_1-2	Total/NA	Solid	8260D	1068204
460-337049-23	51B2_2-3	Total/NA	Solid	8260D	1068204
MB 460-1068231/7	Method Blank	Total/NA	Solid	8260D	
LCS 460-1068231/3	Lab Control Sample	Total/NA	Solid	8260D	
LCSD 460-1068231/4	Lab Control Sample Dup	Total/NA	Solid	8260D	

Analysis Batch: 1068238

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
460-337049-24	51B3_4-5	Total/NA	Solid	8260D	1068204
460-337049-25	51B4_5-6	Total/NA	Solid	8260D	1068204
460-337049-26	51B5_7-8	Total/NA	Solid	8260D	1068204
460-337049-27	51B1_5-6	Total/NA	Solid	8260D	1068204
460-337049-28	51B3_6-7	Total/NA	Solid	8260D	1068204
460-337049-29	52A1_1-2	Total/NA	Solid	8260D	1068204
460-337049-30	52A2_3-4	Total/NA	Solid	8260D	1068204
460-337049-31	52A3_2-3	Total/NA	Solid	8260D	1068204
460-337049-32	52A1_4-5	Total/NA	Solid	8260D	1068204
460-337049-33	52A2_5-6	Total/NA	Solid	8260D	1068204
460-337049-34	52A3_6-7	Total/NA	Solid	8260D	1068204
460-337049-35	52A1_7-8	Total/NA	Solid	8260D	1068204
460-337049-36	52B1_1-2	Total/NA	Solid	8260D	1068204
460-337049-37	52B2_2-3	Total/NA	Solid	8260D	1068204
460-337049-38	52B3_3-4	Total/NA	Solid	8260D	1068204
460-337049-39	52B1_5-6	Total/NA	Solid	8260D	1068204
460-337049-40	52B2_7-8	Total/NA	Solid	8260D	1068212
460-337049-41	52B3_4-5	Total/NA	Solid	8260D	1068212
460-337049-42	52B2_4-5	Total/NA	Solid	8260D	1068212
460-337049-43	52C1_2-3	Total/NA	Solid	8260D	1068212
MB 460-1068238/7	Method Blank	Total/NA	Solid	8260D	
LCS 460-1068238/3	Lab Control Sample	Total/NA	Solid	8260D	
LCSD 460-1068238/4	Lab Control Sample Dup	Total/NA	Solid	8260D	

Analysis Batch: 1068241

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
460-337049-44	52C2_1-2	Total/NA	Solid	8260D	1068212
460-337049-45	52C3_4-5	Total/NA	Solid	8260D	1068212
460-337049-46	52C1_6-7	Total/NA	Solid	8260D	1068212
460-337049-48	52C_7-8	Total/NA	Solid	8260D	1068212
460-337049-49	52C3_2-3	Total/NA	Solid	8260D	1068212
460-337049-50	52D1_3-4	Total/NA	Solid	8260D	1068212
460-337049-51	52D2_1-2	Total/NA	Solid	8260D	1068212
460-337049-52	52D3_4-5	Total/NA	Solid	8260D	1068212
460-337049-53	52D1_5-6	Total/NA	Solid	8260D	1068212
460-337049-54	52D2_7-8	Total/NA	Solid	8260D	1068212

GC/MS VOA (Continued)

Analysis Batch: 1068241 (Continued)

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
460-337049-55	52D3_5-6	Total/NA	Solid	8260D	1068212
460-337049-56	52D1_2-3	Total/NA	Solid	8260D	1068212
460-337049-57	52E1_2-3	Total/NA	Solid	8260D	1068212
460-337049-58	52E2_3-4	Total/NA	Solid	8260D	1068212
460-337049-59	52E3_1-2	Total/NA	Solid	8260D	1068212
460-337049-61	52E2_7-8	Total/NA	Solid	8260D	1068212
MB 460-1068241/7	Method Blank	Total/NA	Solid	8260D	
LCS 460-1068241/3	Lab Control Sample	Total/NA	Solid	8260D	
LCSD 460-1068241/4	Lab Control Sample Dup	Total/NA	Solid	8260D	

Prep Batch: 1068256

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
460-337049-1	52A_0-4	Total/NA	Solid	5035	
460-337049-2	52A_4-8	Total/NA	Solid	5035	
460-337049-3	52B_0-4	Total/NA	Solid	5035	
460-337049-4	52B_4-8	Total/NA	Solid	5035	
460-337049-5	52C_0-4	Total/NA	Solid	5035	
460-337049-6	52C_4-8	Total/NA	Solid	5035	
460-337049-7	52D_0-4	Total/NA	Solid	5035	
LB3 460-1068256/1-A	Method Blank	Total/NA	Solid	5035	

Prep Batch: 1068264

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
460-337049-8	52D_4-8	Total/NA	Solid	5035	
460-337049-9	52E_0-4	Total/NA	Solid	5035	
460-337049-10	52E_4-8	Total/NA	Solid	5035	
460-337049-11	51A_0-4	Total/NA	Solid	5035	
460-337049-12	51A_4-8	Total/NA	Solid	5035	
460-337049-13	51B_0-4	Total/NA	Solid	5035	
460-337049-14	51B_4-8	Total/NA	Solid	5035	
LB3 460-1068264/1-A	Method Blank	Total/NA	Solid	5035	

Analysis Batch: 1068499

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
460-337049-1	52A_0-4	Total/NA	Solid	8260D	1068256
460-337049-2	52A_4-8	Total/NA	Solid	8260D	1068256
460-337049-3	52B_0-4	Total/NA	Solid	8260D	1068256
460-337049-4	52B_4-8	Total/NA	Solid	8260D	1068256
460-337049-5	52C_0-4	Total/NA	Solid	8260D	1068256
460-337049-6	52C_4-8	Total/NA	Solid	8260D	1068256
460-337049-7	52D_0-4	Total/NA	Solid	8260D	1068256
460-337049-8	52D_4-8	Total/NA	Solid	8260D	1068264
460-337049-9	52E_0-4	Total/NA	Solid	8260D	1068264
460-337049-10	52E_4-8	Total/NA	Solid	8260D	1068264
460-337049-11	51A_0-4	Total/NA	Solid	8260D	1068264
460-337049-12	51A_4-8	Total/NA	Solid	8260D	1068264
460-337049-13	51B_0-4	Total/NA	Solid	8260D	1068264
460-337049-14	51B_4-8	Total/NA	Solid	8260D	1068264
460-337049-47	52C2_5-6	Total/NA	Solid	8260D	1068212
LB3 460-1068256/1-A	Method Blank	Total/NA	Solid	8260D	1068256
LB3 460-1068264/1-A	Method Blank	Total/NA	Solid	8260D	1068264

GC/MS VOA (Continued)

Analysis Batch: 1068499 (Continued)

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
MB 460-1068499/7	Method Blank	Total/NA	Solid	8260D	
LCS 460-1068499/3	Lab Control Sample	Total/NA	Solid	8260D	
LCSD 460-1068499/4	Lab Control Sample Dup	Total/NA	Solid	8260D	

Analysis Batch: 1068587

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
460-337049-62	52E3_6-7	Total/NA	Solid	8260D	1068212
460-337049-63	52E2_5-6	Total/NA	Solid	8260D	1068212
MB 460-1068587/7	Method Blank	Total/NA	Solid	8260D	
LCS 460-1068587/3	Lab Control Sample	Total/NA	Solid	8260D	
LCSD 460-1068587/4	Lab Control Sample Dup	Total/NA	Solid	8260D	

GC/MS Semi VOA

Prep Batch: 1067940

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
460-337049-1	52A_0-4	Total/NA	Solid	3546	
460-337049-2	52A_4-8	Total/NA	Solid	3546	
460-337049-3	52B_0-4	Total/NA	Solid	3546	
460-337049-4	52B_4-8	Total/NA	Solid	3546	
460-337049-5	52C_0-4	Total/NA	Solid	3546	
460-337049-6	52C_4-8	Total/NA	Solid	3546	
460-337049-7	52D_0-4	Total/NA	Solid	3546	
460-337049-8	52D_4-8	Total/NA	Solid	3546	
460-337049-9	52E_0-4	Total/NA	Solid	3546	
460-337049-10	52E_4-8	Total/NA	Solid	3546	
460-337049-11	51A_0-4	Total/NA	Solid	3546	
460-337049-12	51A_4-8	Total/NA	Solid	3546	
460-337049-13	51B_0-4	Total/NA	Solid	3546	
460-337049-14	51B_4-8	Total/NA	Solid	3546	
MB 460-1067940/1-A	Method Blank	Total/NA	Solid	3546	
LCS 460-1067940/2-A	Lab Control Sample	Total/NA	Solid	3546	
LCSD 460-1067940/3-A	Lab Control Sample Dup	Total/NA	Solid	3546	
460-337043-D-6-C MS	Matrix Spike	Total/NA	Solid	3546	
460-337043-D-6-D MSD	Matrix Spike Duplicate	Total/NA	Solid	3546	

Analysis Batch: 1068052

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
460-337049-1	52A_0-4	Total/NA	Solid	8270E	1067940
460-337049-2	52A_4-8	Total/NA	Solid	8270E	1067940
460-337049-3	52B_0-4	Total/NA	Solid	8270E	1067940
460-337049-4	52B_4-8	Total/NA	Solid	8270E	1067940
460-337049-5	52C_0-4	Total/NA	Solid	8270E	1067940
460-337049-6	52C_4-8	Total/NA	Solid	8270E	1067940
460-337049-7	52D_0-4	Total/NA	Solid	8270E	1067940
460-337049-8	52D_4-8	Total/NA	Solid	8270E	1067940
460-337049-9	52E_0-4	Total/NA	Solid	8270E	1067940
460-337049-10	52E_4-8	Total/NA	Solid	8270E	1067940
460-337049-11	51A_0-4	Total/NA	Solid	8270E	1067940
460-337049-12	51A_4-8	Total/NA	Solid	8270E	1067940
460-337049-13	51B_0-4	Total/NA	Solid	8270E	1067940

GC/MS Semi VOA (Continued)

Analysis Batch: 1068052 (Continued)

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
460-337049-14	51B_4-8	Total/NA	Solid	8270E	1067940
MB 460-1067940/1-A	Method Blank	Total/NA	Solid	8270E	1067940
LCS 460-1067940/2-A	Lab Control Sample	Total/NA	Solid	8270E	1067940
LCSD 460-1067940/3-A	Lab Control Sample Dup	Total/NA	Solid	8270E	1067940
460-337043-D-6-C MS	Matrix Spike	Total/NA	Solid	8270E	1067940
460-337043-D-6-D MSD	Matrix Spike Duplicate	Total/NA	Solid	8270E	1067940

GC Semi VOA

Prep Batch: 1067860

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
460-337049-1	52A_0-4	Total/NA	Solid	3546	
460-337049-2	52A_4-8	Total/NA	Solid	3546	
460-337049-3	52B_0-4	Total/NA	Solid	3546	
460-337049-4	52B_4-8	Total/NA	Solid	3546	
460-337049-5	52C_0-4	Total/NA	Solid	3546	
460-337049-6	52C_4-8	Total/NA	Solid	3546	
MB 460-1067860/1-A	Method Blank	Total/NA	Solid	3546	
LCS 460-1067860/2-A	Lab Control Sample	Total/NA	Solid	3546	
LCSD 460-1067860/3-A	Lab Control Sample Dup	Total/NA	Solid	3546	
460-337043-D-4-A MS	Matrix Spike	Total/NA	Solid	3546	
460-337043-D-4-B MSD	Matrix Spike Duplicate	Total/NA	Solid	3546	

Prep Batch: 1067876

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
460-337049-1	52A_0-4	Total/NA	Solid	3546	
460-337049-2	52A_4-8	Total/NA	Solid	3546	
460-337049-3	52B_0-4	Total/NA	Solid	3546	
460-337049-4	52B_4-8	Total/NA	Solid	3546	
460-337049-5	52C_0-4	Total/NA	Solid	3546	
460-337049-6	52C_4-8	Total/NA	Solid	3546	
MB 460-1067876/1-A	Method Blank	Total/NA	Solid	3546	
LCS 460-1067876/2-A	Lab Control Sample	Total/NA	Solid	3546	
LCSD 460-1067876/3-A	Lab Control Sample Dup	Total/NA	Solid	3546	
460-337043-D-4-D MS	Matrix Spike	Total/NA	Solid	3546	
460-337043-D-4-E MSD	Matrix Spike Duplicate	Total/NA	Solid	3546	

Prep Batch: 1067877

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
460-337049-7	52D_0-4	Total/NA	Solid	3546	
460-337049-8	52D_4-8	Total/NA	Solid	3546	
460-337049-9	52E_0-4	Total/NA	Solid	3546	
460-337049-10	52E_4-8	Total/NA	Solid	3546	
460-337049-11	51A_0-4	Total/NA	Solid	3546	
460-337049-12	51A_4-8	Total/NA	Solid	3546	
460-337049-13	51B_0-4	Total/NA	Solid	3546	
460-337049-14	51B_4-8	Total/NA	Solid	3546	
MB 460-1067877/1-A	Method Blank	Total/NA	Solid	3546	
LCS 460-1067877/2-A	Lab Control Sample	Total/NA	Solid	3546	
LCSD 460-1067877/3-A	Lab Control Sample Dup	Total/NA	Solid	3546	
460-337049-13 MS	51B_0-4	Total/NA	Solid	3546	

GC Semi VOA (Continued)

Prep Batch: 1067877 (Continued)

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
460-337049-13 MSD	51B_0-4	Total/NA	Solid	3546	

Prep Batch: 1067879

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
460-337049-7	52D_0-4	Total/NA	Solid	3546	
460-337049-8	52D_4-8	Total/NA	Solid	3546	
460-337049-9	52E_0-4	Total/NA	Solid	3546	
460-337049-10	52E_4-8	Total/NA	Solid	3546	
460-337049-11	51A_0-4	Total/NA	Solid	3546	
460-337049-12	51A_4-8	Total/NA	Solid	3546	
460-337049-13	51B_0-4	Total/NA	Solid	3546	
460-337049-14	51B_4-8	Total/NA	Solid	3546	
MB 460-1067879/1-A	Method Blank	Total/NA	Solid	3546	
LCS 460-1067879/2-A	Lab Control Sample	Total/NA	Solid	3546	
LCSD 460-1067879/3-A	Lab Control Sample Dup	Total/NA	Solid	3546	
460-337049-13 MS	51B_0-4	Total/NA	Solid	3546	
460-337049-13 MSD	51B_0-4	Total/NA	Solid	3546	

Analysis Batch: 1068298

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
460-337049-1	52A_0-4	Total/NA	Solid	8082A	1067876
460-337049-2	52A_4-8	Total/NA	Solid	8082A	1067876
460-337049-3	52B_0-4	Total/NA	Solid	8082A	1067876
460-337049-4	52B_4-8	Total/NA	Solid	8082A	1067876
460-337049-5	52C_0-4	Total/NA	Solid	8082A	1067876
460-337049-6	52C_4-8	Total/NA	Solid	8082A	1067876
MB 460-1067876/1-A	Method Blank	Total/NA	Solid	8082A	1067876
LCS 460-1067876/2-A	Lab Control Sample	Total/NA	Solid	8082A	1067876
LCSD 460-1067876/3-A	Lab Control Sample Dup	Total/NA	Solid	8082A	1067876
460-337043-D-4-D MS	Matrix Spike	Total/NA	Solid	8082A	1067876
460-337043-D-4-E MSD	Matrix Spike Duplicate	Total/NA	Solid	8082A	1067876

Analysis Batch: 1068327

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
460-337049-7	52D_0-4	Total/NA	Solid	8082A	1067879
460-337049-8	52D_4-8	Total/NA	Solid	8082A	1067879
460-337049-9	52E_0-4	Total/NA	Solid	8082A	1067879
460-337049-10	52E_4-8	Total/NA	Solid	8082A	1067879
460-337049-11	51A_0-4	Total/NA	Solid	8082A	1067879
460-337049-12	51A_4-8	Total/NA	Solid	8082A	1067879
460-337049-13	51B_0-4	Total/NA	Solid	8082A	1067879
460-337049-14	51B_4-8	Total/NA	Solid	8082A	1067879
MB 460-1067879/1-A	Method Blank	Total/NA	Solid	8082A	1067879
LCS 460-1067879/2-A	Lab Control Sample	Total/NA	Solid	8082A	1067879
LCSD 460-1067879/3-A	Lab Control Sample Dup	Total/NA	Solid	8082A	1067879
460-337049-13 MS	51B_0-4	Total/NA	Solid	8082A	1067879
460-337049-13 MSD	51B_0-4	Total/NA	Solid	8082A	1067879

Analysis Batch: 1068369

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
460-337049-1	52A_0-4	Total/NA	Solid	8081B	1067860

GC Semi VOA (Continued)

Analysis Batch: 1068369 (Continued)

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
460-337049-2	52A_4-8	Total/NA	Solid	8081B	1067860
460-337049-3	52B_0-4	Total/NA	Solid	8081B	1067860
460-337049-4	52B_4-8	Total/NA	Solid	8081B	1067860
460-337049-5	52C_0-4	Total/NA	Solid	8081B	1067860
460-337049-6	52C_4-8	Total/NA	Solid	8081B	1067860
MB 460-1067860/1-A	Method Blank	Total/NA	Solid	8081B	1067860
LCS 460-1067860/2-A	Lab Control Sample	Total/NA	Solid	8081B	1067860
LCSD 460-1067860/3-A	Lab Control Sample Dup	Total/NA	Solid	8081B	1067860
460-337043-D-4-A MS	Matrix Spike	Total/NA	Solid	8081B	1067860
460-337043-D-4-B MSD	Matrix Spike Duplicate	Total/NA	Solid	8081B	1067860

Analysis Batch: 1068372

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
460-337049-7	52D_0-4	Total/NA	Solid	8081B	1067877
460-337049-8	52D_4-8	Total/NA	Solid	8081B	1067877
460-337049-9	52E_0-4	Total/NA	Solid	8081B	1067877
460-337049-10	52E_4-8	Total/NA	Solid	8081B	1067877
460-337049-11	51A_0-4	Total/NA	Solid	8081B	1067877
460-337049-12	51A_4-8	Total/NA	Solid	8081B	1067877
460-337049-13	51B_0-4	Total/NA	Solid	8081B	1067877
460-337049-14	51B_4-8	Total/NA	Solid	8081B	1067877
MB 460-1067877/1-A	Method Blank	Total/NA	Solid	8081B	1067877
LCS 460-1067877/2-A	Lab Control Sample	Total/NA	Solid	8081B	1067877
LCSD 460-1067877/3-A	Lab Control Sample Dup	Total/NA	Solid	8081B	1067877
460-337049-13 MS	51B_0-4	Total/NA	Solid	8081B	1067877
460-337049-13 MSD	51B_0-4	Total/NA	Solid	8081B	1067877

LCMS

Prep Batch: 714445

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
460-337049-1	52A_0-4	Total/NA	Solid	1633A Shake	
460-337049-2	52A_4-8	Total/NA	Solid	1633A Shake	
460-337049-3	52B_0-4	Total/NA	Solid	1633A Shake	
460-337049-4	52B_4-8	Total/NA	Solid	1633A Shake	
460-337049-5	52C_0-4	Total/NA	Solid	1633A Shake	
460-337049-6	52C_4-8	Total/NA	Solid	1633A Shake	
460-337049-7	52D_0-4	Total/NA	Solid	1633A Shake	
460-337049-8	52D_4-8	Total/NA	Solid	1633A Shake	
460-337049-9	52E_0-4	Total/NA	Solid	1633A Shake	
460-337049-10	52E_4-8	Total/NA	Solid	1633A Shake	
460-337049-11	51A_0-4	Total/NA	Solid	1633A Shake	
460-337049-12	51A_4-8	Total/NA	Solid	1633A Shake	
MB 410-714445/1-A	Method Blank	Total/NA	Solid	1633A Shake	
LCS 410-714445/2-A	Lab Control Sample	Total/NA	Solid	1633A Shake	
LCSD 410-714445/3-A	Lab Control Sample Dup	Total/NA	Solid	1633A Shake	
LLCS 410-714445/4-A	Lab Control Sample	Total/NA	Solid	1633A Shake	

Prep Batch: 714528

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
460-337049-13	51B_0-4	Total/NA	Solid	1633A Shake	

LCMS (Continued)

Prep Batch: 714528 (Continued)

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
460-337049-14	51B_4-8	Total/NA	Solid	1633A Shake	

Analysis Batch: 714967

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
460-337049-13	51B_0-4	Total/NA	Solid	1633A	714528
460-337049-14	51B_4-8	Total/NA	Solid	1633A	714528

Analysis Batch: 715281

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
460-337049-1	52A_0-4	Total/NA	Solid	1633A	714445
460-337049-2	52A_4-8	Total/NA	Solid	1633A	714445
460-337049-3	52B_0-4	Total/NA	Solid	1633A	714445
460-337049-4	52B_4-8	Total/NA	Solid	1633A	714445
460-337049-5	52C_0-4	Total/NA	Solid	1633A	714445
460-337049-6	52C_4-8	Total/NA	Solid	1633A	714445
460-337049-7	52D_0-4	Total/NA	Solid	1633A	714445
460-337049-8	52D_4-8	Total/NA	Solid	1633A	714445
460-337049-9	52E_0-4	Total/NA	Solid	1633A	714445
460-337049-10	52E_4-8	Total/NA	Solid	1633A	714445
MB 410-714445/1-A	Method Blank	Total/NA	Solid	1633A	714445
LCS 410-714445/2-A	Lab Control Sample	Total/NA	Solid	1633A	714445
LCSD 410-714445/3-A	Lab Control Sample Dup	Total/NA	Solid	1633A	714445

Analysis Batch: 715726

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
460-337049-11	51A_0-4	Total/NA	Solid	1633A	714445
460-337049-12	51A_4-8	Total/NA	Solid	1633A	714445
LLCS 410-714445/4-A	Lab Control Sample	Total/NA	Solid	1633A	714445

Metals

Prep Batch: 1069167

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
460-337049-1	52A_0-4	Total/NA	Solid	3050B	
460-337049-2	52A_4-8	Total/NA	Solid	3050B	
460-337049-3	52B_0-4	Total/NA	Solid	3050B	
460-337049-4	52B_4-8	Total/NA	Solid	3050B	
460-337049-5	52C_0-4	Total/NA	Solid	3050B	
460-337049-6	52C_4-8	Total/NA	Solid	3050B	
460-337049-7	52D_0-4	Total/NA	Solid	3050B	
460-337049-8	52D_4-8	Total/NA	Solid	3050B	
460-337049-9	52E_0-4	Total/NA	Solid	3050B	
460-337049-10	52E_4-8	Total/NA	Solid	3050B	
460-337049-11	51A_0-4	Total/NA	Solid	3050B	
460-337049-12	51A_4-8	Total/NA	Solid	3050B	
460-337049-13	51B_0-4	Total/NA	Solid	3050B	
460-337049-14	51B_4-8	Total/NA	Solid	3050B	
MB 460-1069167/1-A	Method Blank	Total/NA	Solid	3050B	
LCSSRM 460-1069167/2-A	Lab Control Sample	Total/NA	Solid	3050B	
460-337034-A-7-F MS	Matrix Spike	Total/NA	Solid	3050B	
460-337034-A-7-E DU	Duplicate	Total/NA	Solid	3050B	

Metals

Analysis Batch: 1069289

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
460-337049-1	52A_0-4	Total/NA	Solid	6020B	1069167
460-337049-2	52A_4-8	Total/NA	Solid	6020B	1069167
460-337049-3	52B_0-4	Total/NA	Solid	6020B	1069167
460-337049-4	52B_4-8	Total/NA	Solid	6020B	1069167
460-337049-5	52C_0-4	Total/NA	Solid	6020B	1069167
460-337049-6	52C_4-8	Total/NA	Solid	6020B	1069167
460-337049-7	52D_0-4	Total/NA	Solid	6020B	1069167
460-337049-8	52D_4-8	Total/NA	Solid	6020B	1069167
460-337049-9	52E_0-4	Total/NA	Solid	6020B	1069167
460-337049-10	52E_4-8	Total/NA	Solid	6020B	1069167
460-337049-11	51A_0-4	Total/NA	Solid	6020B	1069167
460-337049-12	51A_4-8	Total/NA	Solid	6020B	1069167
460-337049-13	51B_0-4	Total/NA	Solid	6020B	1069167
460-337049-14	51B_4-8	Total/NA	Solid	6020B	1069167
MB 460-1069167/1-A	Method Blank	Total/NA	Solid	6020B	1069167
LCSSRM 460-1069167/2-A	Lab Control Sample	Total/NA	Solid	6020B	1069167
460-337034-A-7-F MS	Matrix Spike	Total/NA	Solid	6020B	1069167
460-337034-A-7-E DU	Duplicate	Total/NA	Solid	6020B	1069167

Prep Batch: 1069862

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
460-337049-1	52A_0-4	Total/NA	Solid	7471B	
460-337049-2	52A_4-8	Total/NA	Solid	7471B	
460-337049-3	52B_0-4	Total/NA	Solid	7471B	
460-337049-4	52B_4-8	Total/NA	Solid	7471B	
460-337049-5	52C_0-4	Total/NA	Solid	7471B	
460-337049-6	52C_4-8	Total/NA	Solid	7471B	
460-337049-7	52D_0-4	Total/NA	Solid	7471B	
460-337049-8	52D_4-8	Total/NA	Solid	7471B	
460-337049-9	52E_0-4	Total/NA	Solid	7471B	
460-337049-10	52E_4-8	Total/NA	Solid	7471B	
460-337049-11	51A_0-4	Total/NA	Solid	7471B	
MB 460-1069862/10-A	Method Blank	Total/NA	Solid	7471B	
LCSSRM 460-1069862/11-A	Lab Control Sample	Total/NA	Solid	7471B	
460-337039-E-2-I MS	Matrix Spike	Total/NA	Solid	7471B	
460-337039-E-2-H DU	Duplicate	Total/NA	Solid	7471B	

Prep Batch: 1069864

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
460-337049-12	51A_4-8	Total/NA	Solid	7471B	
460-337049-13	51B_0-4	Total/NA	Solid	7471B	
460-337049-14	51B_4-8	Total/NA	Solid	7471B	
MB 460-1069864/1-A	Method Blank	Total/NA	Solid	7471B	
LCSSRM 460-1069864/2-A	Lab Control Sample	Total/NA	Solid	7471B	
460-337049-14 MS	51B_4-8	Total/NA	Solid	7471B	
460-337049-14 DU	51B_4-8	Total/NA	Solid	7471B	

Analysis Batch: 1069943

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
460-337049-1	52A_0-4	Total/NA	Solid	7471B	1069862
460-337049-2	52A_4-8	Total/NA	Solid	7471B	1069862

Metals (Continued)

Analysis Batch: 1069943 (Continued)

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
460-337049-3	52B_0-4	Total/NA	Solid	7471B	1069862
460-337049-4	52B_4-8	Total/NA	Solid	7471B	1069862
460-337049-5	52C_0-4	Total/NA	Solid	7471B	1069862
460-337049-6	52C_4-8	Total/NA	Solid	7471B	1069862
460-337049-7	52D_0-4	Total/NA	Solid	7471B	1069862
460-337049-8	52D_4-8	Total/NA	Solid	7471B	1069862
460-337049-9	52E_0-4	Total/NA	Solid	7471B	1069862
460-337049-10	52E_4-8	Total/NA	Solid	7471B	1069862
460-337049-11	51A_0-4	Total/NA	Solid	7471B	1069862
460-337049-12	51A_4-8	Total/NA	Solid	7471B	1069864
460-337049-13	51B_0-4	Total/NA	Solid	7471B	1069864
460-337049-14	51B_4-8	Total/NA	Solid	7471B	1069864
MB 460-1069862/10-A	Method Blank	Total/NA	Solid	7471B	1069862
MB 460-1069864/1-A	Method Blank	Total/NA	Solid	7471B	1069864
LCSSRM 460-1069862/11-A	Lab Control Sample	Total/NA	Solid	7471B	1069862
LCSSRM 460-1069864/2-A	Lab Control Sample	Total/NA	Solid	7471B	1069864
460-337039-E-2-I MS	Matrix Spike	Total/NA	Solid	7471B	1069862
460-337049-14 MS	51B_4-8	Total/NA	Solid	7471B	1069864
460-337039-E-2-H DU	Duplicate	Total/NA	Solid	7471B	1069862
460-337049-14 DU	51B_4-8	Total/NA	Solid	7471B	1069864

General Chemistry

Analysis Batch: 1068038

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
460-337049-1	52A_0-4	Total/NA	Solid	Moisture	
460-337049-2	52A_4-8	Total/NA	Solid	Moisture	
460-337049-3	52B_0-4	Total/NA	Solid	Moisture	
460-337049-4	52B_4-8	Total/NA	Solid	Moisture	
460-337049-5	52C_0-4	Total/NA	Solid	Moisture	
460-337049-6	52C_4-8	Total/NA	Solid	Moisture	
460-337049-7	52D_0-4	Total/NA	Solid	Moisture	
460-337049-8	52D_4-8	Total/NA	Solid	Moisture	
460-337049-9	52E_0-4	Total/NA	Solid	Moisture	
460-337049-10	52E_4-8	Total/NA	Solid	Moisture	
460-337049-11	51A_0-4	Total/NA	Solid	Moisture	
460-337049-12	51A_4-8	Total/NA	Solid	Moisture	
460-337049-13	51B_0-4	Total/NA	Solid	Moisture	
460-337049-14	51B_4-8	Total/NA	Solid	Moisture	
460-337049-9 DU	52E_0-4	Total/NA	Solid	Moisture	

Analysis Batch: 1068595

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
460-337049-15	51A1_3-4	Total/NA	Solid	Moisture	
460-337049-16	51A2_1-2	Total/NA	Solid	Moisture	
460-337049-17	51A3_2-3	Total/NA	Solid	Moisture	
460-337049-18	51A4_4-5	Total/NA	Solid	Moisture	
460-337049-19	51A5_5-6	Total/NA	Solid	Moisture	
460-337049-20	51A1_6-7	Total/NA	Solid	Moisture	
460-337049-21	51A2_3-4	Total/NA	Solid	Moisture	
460-337049-22	51B1_1-2	Total/NA	Solid	Moisture	

General Chemistry (Continued)

Analysis Batch: 1068595 (Continued)

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
460-337049-23	51B2_2-3	Total/NA	Solid	Moisture	
460-337049-24	51B3_4-5	Total/NA	Solid	Moisture	
460-337049-25	51B4_5-6	Total/NA	Solid	Moisture	
460-337049-26	51B5_7-8	Total/NA	Solid	Moisture	
460-337049-27	51B1_5-6	Total/NA	Solid	Moisture	
460-337049-28	51B3_6-7	Total/NA	Solid	Moisture	
460-337049-29	52A1_1-2	Total/NA	Solid	Moisture	
460-337049-30	52A2_3-4	Total/NA	Solid	Moisture	
460-337049-31	52A3_2-3	Total/NA	Solid	Moisture	
460-337049-32	52A1_4-5	Total/NA	Solid	Moisture	
460-337049-33	52A2_5-6	Total/NA	Solid	Moisture	
460-337049-34	52A3_6-7	Total/NA	Solid	Moisture	
460-337049-36	52B1_1-2	Total/NA	Solid	Moisture	
460-337049-37	52B2_2-3	Total/NA	Solid	Moisture	
460-337049-38	52B3_3-4	Total/NA	Solid	Moisture	
460-337049-39	52B1_5-6	Total/NA	Solid	Moisture	
460-337049-40	52B2_7-8	Total/NA	Solid	Moisture	
460-337049-20 DU	51A1_6-7	Total/NA	Solid	Moisture	

Analysis Batch: 1068596

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
460-337049-41	52B3_4-5	Total/NA	Solid	Moisture	
460-337049-42	52B2_4-5	Total/NA	Solid	Moisture	
460-337049-43	52C1_2-3	Total/NA	Solid	Moisture	
460-337049-44	52C2_1-2	Total/NA	Solid	Moisture	
460-337049-45	52C3_4-5	Total/NA	Solid	Moisture	
460-337049-46	52C1_6-7	Total/NA	Solid	Moisture	
460-337049-47	52C2_5-6	Total/NA	Solid	Moisture	
460-337049-48	52C_7-8	Total/NA	Solid	Moisture	
460-337049-49	52C3_2-3	Total/NA	Solid	Moisture	
460-337049-50	52D1_3-4	Total/NA	Solid	Moisture	
460-337049-51	52D2_1-2	Total/NA	Solid	Moisture	
460-337049-52	52D3_4-5	Total/NA	Solid	Moisture	
460-337049-53	52D1_5-6	Total/NA	Solid	Moisture	
460-337049-54	52D2_7-8	Total/NA	Solid	Moisture	
460-337049-55	52D3_5-6	Total/NA	Solid	Moisture	
460-337049-56	52D1_2-3	Total/NA	Solid	Moisture	
460-337049-57	52E1_2-3	Total/NA	Solid	Moisture	
460-337049-58	52E2_3-4	Total/NA	Solid	Moisture	
460-337049-59	52E3_1-2	Total/NA	Solid	Moisture	
460-337049-61	52E2_7-8	Total/NA	Solid	Moisture	
460-337049-62	52E3_6-7	Total/NA	Solid	Moisture	
460-337049-63	52E2_5-6	Total/NA	Solid	Moisture	
460-336977-A-1 MS	Matrix Spike	Total/NA	Solid	Moisture	
460-336977-A-1 MSD	Matrix Spike Duplicate	Total/NA	Solid	Moisture	
460-337049-41 DU	52B3_4-5	Total/NA	Solid	Moisture	
460-337049-62 DU	52E3_6-7	Total/NA	Solid	Moisture	

Lab Chronicle

Client: Haley & Aldrich, Inc.
Project/Site: Former Port Mobil

Job ID: 460-337049-1

Client Sample ID: 52A_0-4
Date Collected: 10/10/25 12:10
Date Received: 10/10/25 17:30

Lab Sample ID: 460-337049-1
Matrix: Solid

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Analysis	Moisture		1	1068038	CJC	EET EDI	10/13/25 17:10

Client Sample ID: 52A_0-4
Date Collected: 10/10/25 12:10
Date Received: 10/10/25 17:30

Lab Sample ID: 460-337049-1
Matrix: Solid
Percent Solids: 95.4

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Prep	5035			1068256	JCZ	EET EDI	10/14/25 12:39
Total/NA	Analysis	8260D		1	1068499	AAT	EET EDI	10/15/25 17:21
Total/NA	Prep	3546			1067940	OTS	EET EDI	10/13/25 10:32
Total/NA	Analysis	8270E		1	1068052	MME	EET EDI	10/14/25 03:17
Total/NA	Prep	3546			1067860	AXB	EET EDI	10/13/25 05:42
Total/NA	Analysis	8081B		1	1068369	FAM	EET EDI	10/15/25 08:02
Total/NA	Prep	3546			1067876	AXB	EET EDI	10/13/25 06:37
Total/NA	Analysis	8082A		1	1068298	JHP	EET EDI	10/14/25 21:30
Total/NA	Prep	1633A Shake			714445	D5RZ	ELLE	10/15/25 14:09
Total/NA	Analysis	1633A		1	715281	QY4X	ELLE	10/16/25 23:38
Total/NA	Prep	3050B			1069167	GAE	EET EDI	10/17/25 20:20
Total/NA	Analysis	6020B		1	1069289	CDC	EET EDI	10/18/25 18:01
Total/NA	Prep	7471B			1069862	TJS	EET EDI	10/22/25 01:14
Total/NA	Analysis	7471B		1	1069943	TJS	EET EDI	10/22/25 06:56

Client Sample ID: 52A_4-8
Date Collected: 10/10/25 12:20
Date Received: 10/10/25 17:30

Lab Sample ID: 460-337049-2
Matrix: Solid

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Analysis	Moisture		1	1068038	CJC	EET EDI	10/13/25 17:10

Client Sample ID: 52A_4-8
Date Collected: 10/10/25 12:20
Date Received: 10/10/25 17:30

Lab Sample ID: 460-337049-2
Matrix: Solid
Percent Solids: 91.2

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Prep	5035			1068256	JCZ	EET EDI	10/14/25 12:40
Total/NA	Analysis	8260D		1	1068499	AAT	EET EDI	10/15/25 17:45
Total/NA	Prep	3546			1067940	OTS	EET EDI	10/13/25 10:32
Total/NA	Analysis	8270E		1	1068052	MME	EET EDI	10/14/25 03:41
Total/NA	Prep	3546			1067860	AXB	EET EDI	10/13/25 05:42
Total/NA	Analysis	8081B		1	1068369	FAM	EET EDI	10/15/25 08:15
Total/NA	Prep	3546			1067876	AXB	EET EDI	10/13/25 06:37
Total/NA	Analysis	8082A		1	1068298	JHP	EET EDI	10/14/25 21:47
Total/NA	Prep	1633A Shake			714445	D5RZ	ELLE	10/15/25 14:09
Total/NA	Analysis	1633A		1	715281	QY4X	ELLE	10/16/25 23:51

Client Sample ID: 52A_4-8
Date Collected: 10/10/25 12:20
Date Received: 10/10/25 17:30

Lab Sample ID: 460-337049-2
Matrix: Solid
Percent Solids: 91.2

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Prep	3050B			1069167	GAE	EET EDI	10/17/25 20:20
Total/NA	Analysis	6020B		1	1069289	CDC	EET EDI	10/18/25 18:03
Total/NA	Prep	7471B			1069862	TJS	EET EDI	10/22/25 01:14
Total/NA	Analysis	7471B		1	1069943	TJS	EET EDI	10/22/25 06:59

Client Sample ID: 52B_0-4
Date Collected: 10/10/25 12:25
Date Received: 10/10/25 17:30

Lab Sample ID: 460-337049-3
Matrix: Solid

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Analysis	Moisture		1	1068038	CJC	EET EDI	10/13/25 17:10

Client Sample ID: 52B_0-4
Date Collected: 10/10/25 12:25
Date Received: 10/10/25 17:30

Lab Sample ID: 460-337049-3
Matrix: Solid
Percent Solids: 96.6

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Prep	5035			1068256	JCZ	EET EDI	10/14/25 12:42
Total/NA	Analysis	8260D		1	1068499	AAT	EET EDI	10/15/25 18:09
Total/NA	Prep	3546			1067940	OTS	EET EDI	10/13/25 10:32
Total/NA	Analysis	8270E		1	1068052	MME	EET EDI	10/14/25 04:29
Total/NA	Prep	3546			1067860	AXB	EET EDI	10/13/25 05:42
Total/NA	Analysis	8081B		1	1068369	FAM	EET EDI	10/15/25 08:28
Total/NA	Prep	3546			1067876	AXB	EET EDI	10/13/25 06:37
Total/NA	Analysis	8082A		1	1068298	JHP	EET EDI	10/14/25 22:04
Total/NA	Prep	1633A Shake			714445	D5RZ	ELLE	10/15/25 14:09
Total/NA	Analysis	1633A		1	715281	QY4X	ELLE	10/17/25 00:05
Total/NA	Prep	3050B			1069167	GAE	EET EDI	10/17/25 20:20
Total/NA	Analysis	6020B		1	1069289	CDC	EET EDI	10/18/25 18:06
Total/NA	Prep	7471B			1069862	TJS	EET EDI	10/22/25 01:14
Total/NA	Analysis	7471B		1	1069943	TJS	EET EDI	10/22/25 07:02

Client Sample ID: 52B_4-8
Date Collected: 10/10/25 12:30
Date Received: 10/10/25 17:30

Lab Sample ID: 460-337049-4
Matrix: Solid

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Analysis	Moisture		1	1068038	CJC	EET EDI	10/13/25 17:10

Client Sample ID: 52B_4-8
Date Collected: 10/10/25 12:30
Date Received: 10/10/25 17:30

Lab Sample ID: 460-337049-4
Matrix: Solid
Percent Solids: 92.6

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Prep	5035			1068256	JCZ	EET EDI	10/14/25 12:43
Total/NA	Analysis	8260D		1	1068499	AAT	EET EDI	10/15/25 18:32

Client Sample ID: 52B_4-8

Lab Sample ID: 460-337049-4

Date Collected: 10/10/25 12:30

Matrix: Solid

Date Received: 10/10/25 17:30

Percent Solids: 92.6

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Prep	3546			1067940	OTS	EET EDI	10/13/25 10:32
Total/NA	Analysis	8270E		1	1068052	MME	EET EDI	10/14/25 04:53
Total/NA	Prep	3546			1067860	AXB	EET EDI	10/13/25 05:42
Total/NA	Analysis	8081B		1	1068369	FAM	EET EDI	10/15/25 08:41
Total/NA	Prep	3546			1067876	AXB	EET EDI	10/13/25 06:37
Total/NA	Analysis	8082A		1	1068298	JHP	EET EDI	10/14/25 22:20
Total/NA	Prep	1633A Shake			714445	D5RZ	ELLE	10/15/25 14:09
Total/NA	Analysis	1633A		1	715281	QY4X	ELLE	10/17/25 00:19
Total/NA	Prep	3050B			1069167	GAE	EET EDI	10/17/25 20:20
Total/NA	Analysis	6020B		1	1069289	CDC	EET EDI	10/18/25 18:21
Total/NA	Prep	7471B			1069862	TJS	EET EDI	10/22/25 01:14
Total/NA	Analysis	7471B		1	1069943	TJS	EET EDI	10/22/25 07:05

Client Sample ID: 52C_0-4

Lab Sample ID: 460-337049-5

Date Collected: 10/10/25 12:35

Matrix: Solid

Date Received: 10/10/25 17:30

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Analysis	Moisture		1	1068038	CJC	EET EDI	10/13/25 17:10

Client Sample ID: 52C_0-4

Lab Sample ID: 460-337049-5

Date Collected: 10/10/25 12:35

Matrix: Solid

Date Received: 10/10/25 17:30

Percent Solids: 96.3

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Prep	5035			1068256	JCZ	EET EDI	10/14/25 12:44
Total/NA	Analysis	8260D		1	1068499	AAT	EET EDI	10/15/25 18:56
Total/NA	Prep	3546			1067940	OTS	EET EDI	10/13/25 10:32
Total/NA	Analysis	8270E		1	1068052	MME	EET EDI	10/13/25 23:23
Total/NA	Prep	3546			1067860	AXB	EET EDI	10/13/25 05:42
Total/NA	Analysis	8081B		1	1068369	FAM	EET EDI	10/15/25 09:04
Total/NA	Prep	3546			1067876	AXB	EET EDI	10/13/25 06:37
Total/NA	Analysis	8082A		1	1068298	JHP	EET EDI	10/14/25 22:37
Total/NA	Prep	1633A Shake			714445	D5RZ	ELLE	10/15/25 14:09
Total/NA	Analysis	1633A		1	715281	QY4X	ELLE	10/17/25 00:32
Total/NA	Prep	3050B			1069167	GAE	EET EDI	10/17/25 20:20
Total/NA	Analysis	6020B		1	1069289	CDC	EET EDI	10/18/25 18:23
Total/NA	Prep	7471B			1069862	TJS	EET EDI	10/22/25 01:14
Total/NA	Analysis	7471B		1	1069943	TJS	EET EDI	10/22/25 07:08

Lab Chronicle

Client: Haley & Aldrich, Inc.
Project/Site: Former Port Mobil

Job ID: 460-337049-1

Client Sample ID: 52C_4-8
Date Collected: 10/10/25 12:40
Date Received: 10/10/25 17:30

Lab Sample ID: 460-337049-6
Matrix: Solid

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Analysis	Moisture		1	1068038	CJC	EET EDI	10/13/25 17:10

Client Sample ID: 52C_4-8
Date Collected: 10/10/25 12:40
Date Received: 10/10/25 17:30

Lab Sample ID: 460-337049-6
Matrix: Solid
Percent Solids: 94.1

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Prep	5035			1068256	JCZ	EET EDI	10/14/25 12:46
Total/NA	Analysis	8260D		1	1068499	AAT	EET EDI	10/15/25 19:20
Total/NA	Prep	3546			1067940	OTS	EET EDI	10/13/25 10:32
Total/NA	Analysis	8270E		1	1068052	MME	EET EDI	10/13/25 23:46
Total/NA	Prep	3546			1067860	AXB	EET EDI	10/13/25 05:42
Total/NA	Analysis	8081B		1	1068369	FAM	EET EDI	10/15/25 09:17
Total/NA	Prep	3546			1067876	AXB	EET EDI	10/13/25 06:37
Total/NA	Analysis	8082A		1	1068298	JHP	EET EDI	10/14/25 22:54
Total/NA	Prep	1633A Shake			714445	D5RZ	ELLE	10/15/25 14:09
Total/NA	Analysis	1633A		1	715281	QY4X	ELLE	10/17/25 00:46
Total/NA	Prep	3050B			1069167	GAE	EET EDI	10/17/25 20:20
Total/NA	Analysis	6020B		1	1069289	CDC	EET EDI	10/18/25 18:26
Total/NA	Prep	7471B			1069862	TJS	EET EDI	10/22/25 01:14
Total/NA	Analysis	7471B		1	1069943	TJS	EET EDI	10/22/25 07:11

Client Sample ID: 52D_0-4
Date Collected: 10/10/25 12:45
Date Received: 10/10/25 17:30

Lab Sample ID: 460-337049-7
Matrix: Solid

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Analysis	Moisture		1	1068038	CJC	EET EDI	10/13/25 17:10

Client Sample ID: 52D_0-4
Date Collected: 10/10/25 12:45
Date Received: 10/10/25 17:30

Lab Sample ID: 460-337049-7
Matrix: Solid
Percent Solids: 94.6

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Prep	5035			1068256	JCZ	EET EDI	10/14/25 12:47
Total/NA	Analysis	8260D		1	1068499	AAT	EET EDI	10/15/25 19:44
Total/NA	Prep	3546			1067940	OTS	EET EDI	10/13/25 10:32
Total/NA	Analysis	8270E		1	1068052	MME	EET EDI	10/14/25 00:10
Total/NA	Prep	3546			1067877	AXB	EET EDI	10/13/25 06:39
Total/NA	Analysis	8081B		1	1068372	FAM	EET EDI	10/15/25 05:46
Total/NA	Prep	3546			1067879	AXB	EET EDI	10/13/25 06:42
Total/NA	Analysis	8082A		1	1068327	JHP	EET EDI	10/14/25 23:15
Total/NA	Prep	1633A Shake			714445	D5RZ	ELLE	10/15/25 14:09
Total/NA	Analysis	1633A		1	715281	QY4X	ELLE	10/17/25 00:59

Lab Chronicle

Client: Haley & Aldrich, Inc.
Project/Site: Former Port Mobil

Job ID: 460-337049-1

Client Sample ID: 52D_0-4
Date Collected: 10/10/25 12:45
Date Received: 10/10/25 17:30

Lab Sample ID: 460-337049-7
Matrix: Solid
Percent Solids: 94.6

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Prep	3050B			1069167	GAE	EET EDI	10/17/25 20:20
Total/NA	Analysis	6020B		1	1069289	CDC	EET EDI	10/18/25 18:29
Total/NA	Prep	7471B			1069862	TJS	EET EDI	10/22/25 01:14
Total/NA	Analysis	7471B		1	1069943	TJS	EET EDI	10/22/25 07:19

Client Sample ID: 52D_4-8
Date Collected: 10/10/25 12:50
Date Received: 10/10/25 17:30

Lab Sample ID: 460-337049-8
Matrix: Solid

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Analysis	Moisture		1	1068038	CJC	EET EDI	10/13/25 17:10

Client Sample ID: 52D_4-8
Date Collected: 10/10/25 12:50
Date Received: 10/10/25 17:30

Lab Sample ID: 460-337049-8
Matrix: Solid
Percent Solids: 91.7

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Prep	5035			1068264	JCZ	EET EDI	10/14/25 13:12
Total/NA	Analysis	8260D		1	1068499	AAT	EET EDI	10/15/25 20:07
Total/NA	Prep	3546			1067940	OTS	EET EDI	10/13/25 10:32
Total/NA	Analysis	8270E		1	1068052	MME	EET EDI	10/14/25 00:33
Total/NA	Prep	3546			1067877	AXB	EET EDI	10/13/25 06:39
Total/NA	Analysis	8081B		1	1068372	FAM	EET EDI	10/15/25 06:02
Total/NA	Prep	3546			1067879	AXB	EET EDI	10/13/25 06:42
Total/NA	Analysis	8082A		1	1068327	JHP	EET EDI	10/14/25 21:52
Total/NA	Prep	1633A Shake			714445	D5RZ	ELLE	10/15/25 14:09
Total/NA	Analysis	1633A		1	715281	QY4X	ELLE	10/17/25 01:13
Total/NA	Prep	3050B			1069167	GAE	EET EDI	10/17/25 20:20
Total/NA	Analysis	6020B		1	1069289	CDC	EET EDI	10/18/25 18:31
Total/NA	Prep	7471B			1069862	TJS	EET EDI	10/22/25 01:14
Total/NA	Analysis	7471B		1	1069943	TJS	EET EDI	10/22/25 07:22

Client Sample ID: 52E_0-4
Date Collected: 10/10/25 12:55
Date Received: 10/10/25 17:30

Lab Sample ID: 460-337049-9
Matrix: Solid

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Analysis	Moisture		1	1068038	CJC	EET EDI	10/13/25 17:10

Client Sample ID: 52E_0-4
Date Collected: 10/10/25 12:55
Date Received: 10/10/25 17:30

Lab Sample ID: 460-337049-9
Matrix: Solid
Percent Solids: 94.2

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Prep	5035			1068264	JCZ	EET EDI	10/14/25 13:13
Total/NA	Analysis	8260D		1	1068499	AAT	EET EDI	10/15/25 20:31

Lab Chronicle

Client: Haley & Aldrich, Inc.
Project/Site: Former Port Mobil

Job ID: 460-337049-1

Client Sample ID: 52E_0-4

Date Collected: 10/10/25 12:55
Date Received: 10/10/25 17:30

Lab Sample ID: 460-337049-9

Matrix: Solid
Percent Solids: 94.2

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Prep	3546			1067940	OTS	EET EDI	10/13/25 10:32
Total/NA	Analysis	8270E		1	1068052	MME	EET EDI	10/14/25 00:57
Total/NA	Prep	3546			1067877	AXB	EET EDI	10/13/25 06:39
Total/NA	Analysis	8081B		1	1068372	FAM	EET EDI	10/15/25 06:18
Total/NA	Prep	3546			1067879	AXB	EET EDI	10/13/25 06:42
Total/NA	Analysis	8082A		1	1068327	JHP	EET EDI	10/14/25 22:09
Total/NA	Prep	1633A Shake			714445	D5RZ	ELLE	10/15/25 14:09
Total/NA	Analysis	1633A		1	715281	QY4X	ELLE	10/17/25 01:27
Total/NA	Prep	3050B			1069167	GAE	EET EDI	10/17/25 20:20
Total/NA	Analysis	6020B		1	1069289	CDC	EET EDI	10/18/25 18:34
Total/NA	Prep	7471B			1069862	TJS	EET EDI	10/22/25 01:14
Total/NA	Analysis	7471B		1	1069943	TJS	EET EDI	10/22/25 07:25

Client Sample ID: 52E_4-8

Date Collected: 10/10/25 13:00
Date Received: 10/10/25 17:30

Lab Sample ID: 460-337049-10

Matrix: Solid

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Analysis	Moisture		1	1068038	CJC	EET EDI	10/13/25 17:10

Client Sample ID: 52E_4-8

Date Collected: 10/10/25 13:00
Date Received: 10/10/25 17:30

Lab Sample ID: 460-337049-10

Matrix: Solid
Percent Solids: 92.4

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Prep	5035			1068264	JCZ	EET EDI	10/14/25 13:15
Total/NA	Analysis	8260D		1	1068499	AAT	EET EDI	10/15/25 20:55
Total/NA	Prep	3546			1067940	OTS	EET EDI	10/13/25 10:32
Total/NA	Analysis	8270E		1	1068052	MME	EET EDI	10/14/25 04:04
Total/NA	Prep	3546			1067877	AXB	EET EDI	10/13/25 06:39
Total/NA	Analysis	8081B		1	1068372	FAM	EET EDI	10/15/25 06:34
Total/NA	Prep	3546			1067879	AXB	EET EDI	10/13/25 06:42
Total/NA	Analysis	8082A		1	1068327	JHP	EET EDI	10/14/25 22:25
Total/NA	Prep	1633A Shake			714445	D5RZ	ELLE	10/15/25 14:09
Total/NA	Analysis	1633A		1	715281	QY4X	ELLE	10/17/25 01:40
Total/NA	Prep	3050B			1069167	GAE	EET EDI	10/17/25 20:20
Total/NA	Analysis	6020B		1	1069289	CDC	EET EDI	10/18/25 18:37
Total/NA	Prep	7471B			1069862	TJS	EET EDI	10/22/25 01:14
Total/NA	Analysis	7471B		1	1069943	TJS	EET EDI	10/22/25 07:28

Client Sample ID: 51A_0-4

Date Collected: 10/10/25 08:20
Date Received: 10/10/25 17:30

Lab Sample ID: 460-337049-11

Matrix: Solid

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Analysis	Moisture		1	1068038	CJC	EET EDI	10/13/25 17:10

Client Sample ID: 51A_0-4

Date Collected: 10/10/25 08:20
Date Received: 10/10/25 17:30

Lab Sample ID: 460-337049-11

Matrix: Solid
Percent Solids: 96.0

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Prep	5035			1068264	JCZ	EET EDI	10/14/25 13:16
Total/NA	Analysis	8260D		1	1068499	AAT	EET EDI	10/15/25 21:18
Total/NA	Prep	3546			1067940	OTS	EET EDI	10/13/25 10:32
Total/NA	Analysis	8270E		1	1068052	MME	EET EDI	10/14/25 06:28
Total/NA	Prep	3546			1067877	AXB	EET EDI	10/13/25 06:39
Total/NA	Analysis	8081B		1	1068372	FAM	EET EDI	10/15/25 06:49
Total/NA	Prep	3546			1067879	AXB	EET EDI	10/13/25 06:42
Total/NA	Analysis	8082A		1	1068327	JHP	EET EDI	10/14/25 22:42
Total/NA	Prep	1633A Shake			714445	D5RZ	ELLE	10/15/25 14:09
Total/NA	Analysis	1633A		1	715726	VGQ7	ELLE	10/17/25 13:25
Total/NA	Prep	3050B			1069167	GAE	EET EDI	10/17/25 20:20
Total/NA	Analysis	6020B		1	1069289	CDC	EET EDI	10/18/25 18:39
Total/NA	Prep	7471B			1069862	TJS	EET EDI	10/22/25 01:14
Total/NA	Analysis	7471B		1	1069943	TJS	EET EDI	10/22/25 07:31

Client Sample ID: 51A_4-8

Date Collected: 10/10/25 08:25
Date Received: 10/10/25 17:30

Lab Sample ID: 460-337049-12

Matrix: Solid

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Analysis	Moisture		1	1068038	CJC	EET EDI	10/13/25 17:10

Client Sample ID: 51A_4-8

Date Collected: 10/10/25 08:25
Date Received: 10/10/25 17:30

Lab Sample ID: 460-337049-12

Matrix: Solid
Percent Solids: 98.2

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Prep	5035			1068264	JCZ	EET EDI	10/14/25 13:17
Total/NA	Analysis	8260D		1	1068499	AAT	EET EDI	10/15/25 21:42
Total/NA	Prep	3546			1067940	OTS	EET EDI	10/13/25 10:32
Total/NA	Analysis	8270E		1	1068052	MME	EET EDI	10/14/25 01:44
Total/NA	Prep	3546			1067877	AXB	EET EDI	10/13/25 06:39
Total/NA	Analysis	8081B		1	1068372	FAM	EET EDI	10/15/25 07:05
Total/NA	Prep	3546			1067879	AXB	EET EDI	10/13/25 06:42
Total/NA	Analysis	8082A		1	1068327	JHP	EET EDI	10/14/25 22:59
Total/NA	Prep	1633A Shake			714445	D5RZ	ELLE	10/15/25 14:09
Total/NA	Analysis	1633A		1	715726	VGQ7	ELLE	10/17/25 13:39

Client Sample ID: 51A_4-8
Date Collected: 10/10/25 08:25
Date Received: 10/10/25 17:30

Lab Sample ID: 460-337049-12
Matrix: Solid
Percent Solids: 98.2

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Prep	3050B			1069167	GAE	EET EDI	10/17/25 20:20
Total/NA	Analysis	6020B		1	1069289	CDC	EET EDI	10/18/25 18:42
Total/NA	Prep	7471B			1069864	TJS	EET EDI	10/22/25 01:36
Total/NA	Analysis	7471B		1	1069943	TJS	EET EDI	10/22/25 07:57

Client Sample ID: 51B_0-4
Date Collected: 10/10/25 09:05
Date Received: 10/10/25 17:30

Lab Sample ID: 460-337049-13
Matrix: Solid

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Analysis	Moisture		1	1068038	CJC	EET EDI	10/13/25 17:10

Client Sample ID: 51B_0-4
Date Collected: 10/10/25 09:05
Date Received: 10/10/25 17:30

Lab Sample ID: 460-337049-13
Matrix: Solid
Percent Solids: 96.8

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Prep	5035			1068264	JCZ	EET EDI	10/14/25 13:19
Total/NA	Analysis	8260D		1	1068499	AAT	EET EDI	10/15/25 22:06
Total/NA	Prep	3546			1067940	OTS	EET EDI	10/13/25 10:32
Total/NA	Analysis	8270E		1	1068052	MME	EET EDI	10/14/25 02:07
Total/NA	Prep	3546			1067877	AXB	EET EDI	10/13/25 06:39
Total/NA	Analysis	8081B		1	1068372	FAM	EET EDI	10/15/25 07:21
Total/NA	Prep	3546			1067879	AXB	EET EDI	10/13/25 06:42
Total/NA	Analysis	8082A		1	1068327	JHP	EET EDI	10/14/25 21:35
Total/NA	Prep	1633A Shake			714528	URGB	ELLE	10/15/25 16:06
Total/NA	Analysis	1633A		1	714967	P7EB	ELLE	10/17/25 09:08
Total/NA	Prep	3050B			1069167	GAE	EET EDI	10/17/25 20:20
Total/NA	Analysis	6020B		1	1069289	CDC	EET EDI	10/18/25 18:44
Total/NA	Prep	7471B			1069864	TJS	EET EDI	10/22/25 01:36
Total/NA	Analysis	7471B		1	1069943	TJS	EET EDI	10/22/25 08:00

Client Sample ID: 51B_4-8
Date Collected: 10/10/25 09:10
Date Received: 10/10/25 17:30

Lab Sample ID: 460-337049-14
Matrix: Solid

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Analysis	Moisture		1	1068038	CJC	EET EDI	10/13/25 17:10

Client Sample ID: 51B_4-8
Date Collected: 10/10/25 09:10
Date Received: 10/10/25 17:30

Lab Sample ID: 460-337049-14
Matrix: Solid
Percent Solids: 90.1

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Prep	5035			1068264	JCZ	EET EDI	10/14/25 13:20
Total/NA	Analysis	8260D		1	1068499	AAT	EET EDI	10/15/25 22:30

Lab Chronicle

Client: Haley & Aldrich, Inc.
Project/Site: Former Port Mobil

Job ID: 460-337049-1

Client Sample ID: 51B_4-8

Lab Sample ID: 460-337049-14
Date Collected: 10/10/25 09:10
Matrix: Solid
Date Received: 10/10/25 17:30
Percent Solids: 90.1

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Prep	3546			1067940	OTS	EET EDI	10/13/25 10:32
Total/NA	Analysis	8270E		1	1068052	MME	EET EDI	10/14/25 02:31
Total/NA	Prep	3546			1067877	AXB	EET EDI	10/13/25 06:39
Total/NA	Analysis	8081B		1	1068372	FAM	EET EDI	10/15/25 08:09
Total/NA	Prep	3546			1067879	AXB	EET EDI	10/13/25 06:42
Total/NA	Analysis	8082A		1	1068327	JHP	EET EDI	10/14/25 23:32
Total/NA	Prep	1633A Shake			714528	URGB	ELLE	10/15/25 16:06
Total/NA	Analysis	1633A		1	714967	P7EB	ELLE	10/17/25 09:22
Total/NA	Prep	3050B			1069167	GAE	EET EDI	10/17/25 20:20
Total/NA	Analysis	6020B		1	1069289	CDC	EET EDI	10/18/25 18:52
Total/NA	Prep	7471B			1069864	TJS	EET EDI	10/22/25 01:36
Total/NA	Analysis	7471B		1	1069943	TJS	EET EDI	10/22/25 07:40

Client Sample ID: 51A1_3-4

Lab Sample ID: 460-337049-15
Date Collected: 10/10/25 07:45
Matrix: Solid
Date Received: 10/10/25 17:30

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Analysis	Moisture		1	1068595	CJC	EET EDI	10/15/25 19:49

Client Sample ID: 51A1_3-4

Lab Sample ID: 460-337049-15
Date Collected: 10/10/25 07:45
Matrix: Solid
Date Received: 10/10/25 17:30
Percent Solids: 94.6

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Prep	5035			1068204	JCZ	EET EDI	10/14/25 09:43
Total/NA	Analysis	8260D		1	1068231	EMM	EET EDI	10/14/25 22:33

Client Sample ID: 51A2_1-2

Lab Sample ID: 460-337049-16
Date Collected: 10/10/25 07:50
Matrix: Solid
Date Received: 10/10/25 17:30

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Analysis	Moisture		1	1068595	CJC	EET EDI	10/15/25 19:49

Client Sample ID: 51A2_1-2

Lab Sample ID: 460-337049-16
Date Collected: 10/10/25 07:50
Matrix: Solid
Date Received: 10/10/25 17:30
Percent Solids: 96.0

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Prep	5035			1068204	JCZ	EET EDI	10/14/25 09:43
Total/NA	Analysis	8260D		1	1068231	EMM	EET EDI	10/14/25 22:56

Lab Chronicle

Client: Haley & Aldrich, Inc.
Project/Site: Former Port Mobil

Job ID: 460-337049-1

Client Sample ID: 51A3_2-3
Date Collected: 10/10/25 07:55
Date Received: 10/10/25 17:30

Lab Sample ID: 460-337049-17
Matrix: Solid

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Analysis	Moisture		1	1068595	CJC	EET EDI	10/15/25 19:49

Client Sample ID: 51A3_2-3
Date Collected: 10/10/25 07:55
Date Received: 10/10/25 17:30

Lab Sample ID: 460-337049-17
Matrix: Solid
Percent Solids: 97.9

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Prep	5035			1068204	JCZ	EET EDI	10/14/25 09:43
Total/NA	Analysis	8260D		1	1068231	EMM	EET EDI	10/14/25 23:19

Client Sample ID: 51A4_4-5
Date Collected: 10/10/25 08:00
Date Received: 10/10/25 17:30

Lab Sample ID: 460-337049-18
Matrix: Solid

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Analysis	Moisture		1	1068595	CJC	EET EDI	10/15/25 19:49

Client Sample ID: 51A4_4-5
Date Collected: 10/10/25 08:00
Date Received: 10/10/25 17:30

Lab Sample ID: 460-337049-18
Matrix: Solid
Percent Solids: 97.9

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Prep	5035			1068204	JCZ	EET EDI	10/14/25 09:43
Total/NA	Analysis	8260D		1	1068231	EMM	EET EDI	10/14/25 23:42

Client Sample ID: 51A5_5-6
Date Collected: 10/10/25 08:05
Date Received: 10/10/25 17:30

Lab Sample ID: 460-337049-19
Matrix: Solid

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Analysis	Moisture		1	1068595	CJC	EET EDI	10/15/25 19:49

Client Sample ID: 51A5_5-6
Date Collected: 10/10/25 08:05
Date Received: 10/10/25 17:30

Lab Sample ID: 460-337049-19
Matrix: Solid
Percent Solids: 98.7

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Prep	5035			1068204	JCZ	EET EDI	10/14/25 09:44
Total/NA	Analysis	8260D		1	1068231	EMM	EET EDI	10/15/25 00:05

Client Sample ID: 51A1_6-7
Date Collected: 10/10/25 08:10
Date Received: 10/10/25 17:30

Lab Sample ID: 460-337049-20
Matrix: Solid

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Analysis	Moisture		1	1068595	CJC	EET EDI	10/15/25 19:49

Lab Chronicle

Client: Haley & Aldrich, Inc.
Project/Site: Former Port Mobil

Job ID: 460-337049-1

Client Sample ID: 51A1_6-7
Date Collected: 10/10/25 08:10
Date Received: 10/10/25 17:30

Lab Sample ID: 460-337049-20
Matrix: Solid
Percent Solids: 99.0

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Prep	5035			1068204	JCZ	EET EDI	10/14/25 09:44
Total/NA	Analysis	8260D		1	1068231	EMM	EET EDI	10/15/25 00:28

Client Sample ID: 51A2_3-4
Date Collected: 10/10/25 08:15
Date Received: 10/10/25 17:30

Lab Sample ID: 460-337049-21
Matrix: Solid

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Analysis	Moisture		1	1068595	CJC	EET EDI	10/15/25 19:49

Client Sample ID: 51A2_3-4
Date Collected: 10/10/25 08:15
Date Received: 10/10/25 17:30

Lab Sample ID: 460-337049-21
Matrix: Solid
Percent Solids: 94.1

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Prep	5035			1068204	JCZ	EET EDI	10/14/25 09:44
Total/NA	Analysis	8260D		1	1068231	EMM	EET EDI	10/15/25 00:51

Client Sample ID: 51B1_1-2
Date Collected: 10/10/25 08:30
Date Received: 10/10/25 17:30

Lab Sample ID: 460-337049-22
Matrix: Solid

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Analysis	Moisture		1	1068595	CJC	EET EDI	10/15/25 19:49

Client Sample ID: 51B1_1-2
Date Collected: 10/10/25 08:30
Date Received: 10/10/25 17:30

Lab Sample ID: 460-337049-22
Matrix: Solid
Percent Solids: 93.6

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Prep	5035			1068204	JCZ	EET EDI	10/14/25 09:45
Total/NA	Analysis	8260D		1	1068231	EMM	EET EDI	10/15/25 01:14

Client Sample ID: 51B2_2-3
Date Collected: 10/10/25 08:35
Date Received: 10/10/25 17:30

Lab Sample ID: 460-337049-23
Matrix: Solid

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Analysis	Moisture		1	1068595	CJC	EET EDI	10/15/25 19:49

Lab Chronicle

Client: Haley & Aldrich, Inc.
Project/Site: Former Port Mobil

Job ID: 460-337049-1

Client Sample ID: 51B2_2-3
Date Collected: 10/10/25 08:35
Date Received: 10/10/25 17:30

Lab Sample ID: 460-337049-23
Matrix: Solid
Percent Solids: 93.5

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Prep	5035			1068204	JCZ	EET EDI	10/14/25 09:45
Total/NA	Analysis	8260D		1	1068231	EMM	EET EDI	10/15/25 01:37

Client Sample ID: 51B3_4-5
Date Collected: 10/10/25 08:40
Date Received: 10/10/25 17:30

Lab Sample ID: 460-337049-24
Matrix: Solid

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Analysis	Moisture		1	1068595	CJC	EET EDI	10/15/25 19:49

Client Sample ID: 51B3_4-5
Date Collected: 10/10/25 08:40
Date Received: 10/10/25 17:30

Lab Sample ID: 460-337049-24
Matrix: Solid
Percent Solids: 90.6

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Prep	5035			1068204	JCZ	EET EDI	10/14/25 09:45
Total/NA	Analysis	8260D		1	1068238	EMM	EET EDI	10/14/25 22:11

Client Sample ID: 51B4_5-6
Date Collected: 10/10/25 08:45
Date Received: 10/10/25 17:30

Lab Sample ID: 460-337049-25
Matrix: Solid

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Analysis	Moisture		1	1068595	CJC	EET EDI	10/15/25 19:49

Client Sample ID: 51B4_5-6
Date Collected: 10/10/25 08:45
Date Received: 10/10/25 17:30

Lab Sample ID: 460-337049-25
Matrix: Solid
Percent Solids: 92.4

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Prep	5035			1068204	JCZ	EET EDI	10/14/25 09:46
Total/NA	Analysis	8260D		1	1068238	EMM	EET EDI	10/14/25 22:35

Client Sample ID: 51B5_7-8
Date Collected: 10/10/25 08:50
Date Received: 10/10/25 17:30

Lab Sample ID: 460-337049-26
Matrix: Solid

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Analysis	Moisture		1	1068595	CJC	EET EDI	10/15/25 19:49

Lab Chronicle

Client: Haley & Aldrich, Inc.
Project/Site: Former Port Mobil

Job ID: 460-337049-1

Client Sample ID: 51B5_7-8
Date Collected: 10/10/25 08:50
Date Received: 10/10/25 17:30

Lab Sample ID: 460-337049-26
Matrix: Solid
Percent Solids: 95.2

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Prep	5035			1068204	JCZ	EET EDI	10/14/25 09:46
Total/NA	Analysis	8260D		1	1068238	EMM	EET EDI	10/14/25 22:59

Client Sample ID: 51B1_5-6
Date Collected: 10/10/25 08:55
Date Received: 10/10/25 17:30

Lab Sample ID: 460-337049-27
Matrix: Solid

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Analysis	Moisture		1	1068595	CJC	EET EDI	10/15/25 19:49

Client Sample ID: 51B1_5-6
Date Collected: 10/10/25 08:55
Date Received: 10/10/25 17:30

Lab Sample ID: 460-337049-27
Matrix: Solid
Percent Solids: 96.1

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Prep	5035			1068204	JCZ	EET EDI	10/14/25 09:46
Total/NA	Analysis	8260D		1	1068238	EMM	EET EDI	10/14/25 23:23

Client Sample ID: 51B3_6-7
Date Collected: 10/10/25 09:00
Date Received: 10/10/25 17:30

Lab Sample ID: 460-337049-28
Matrix: Solid

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Analysis	Moisture		1	1068595	CJC	EET EDI	10/15/25 19:49

Client Sample ID: 51B3_6-7
Date Collected: 10/10/25 09:00
Date Received: 10/10/25 17:30

Lab Sample ID: 460-337049-28
Matrix: Solid
Percent Solids: 98.2

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Prep	5035			1068204	JCZ	EET EDI	10/14/25 09:47
Total/NA	Analysis	8260D		1	1068238	EMM	EET EDI	10/14/25 23:47

Client Sample ID: 52A1_1-2
Date Collected: 10/10/25 09:15
Date Received: 10/10/25 17:30

Lab Sample ID: 460-337049-29
Matrix: Solid

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Analysis	Moisture		1	1068595	CJC	EET EDI	10/15/25 19:49

Lab Chronicle

Client: Haley & Aldrich, Inc.
Project/Site: Former Port Mobil

Job ID: 460-337049-1

Client Sample ID: 52A1_1-2
Date Collected: 10/10/25 09:15
Date Received: 10/10/25 17:30

Lab Sample ID: 460-337049-29
Matrix: Solid
Percent Solids: 99.0

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Prep	5035			1068204	JCZ	EET EDI	10/14/25 09:47
Total/NA	Analysis	8260D		1	1068238	EMM	EET EDI	10/15/25 00:12

Client Sample ID: 52A2_3-4
Date Collected: 10/10/25 09:20
Date Received: 10/10/25 17:30

Lab Sample ID: 460-337049-30
Matrix: Solid

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Analysis	Moisture		1	1068595	CJC	EET EDI	10/15/25 19:49

Client Sample ID: 52A2_3-4
Date Collected: 10/10/25 09:20
Date Received: 10/10/25 17:30

Lab Sample ID: 460-337049-30
Matrix: Solid
Percent Solids: 98.7

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Prep	5035			1068204	JCZ	EET EDI	10/14/25 09:48
Total/NA	Analysis	8260D		1	1068238	EMM	EET EDI	10/15/25 00:36

Client Sample ID: 52A3_2-3
Date Collected: 10/10/25 09:25
Date Received: 10/10/25 17:30

Lab Sample ID: 460-337049-31
Matrix: Solid

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Analysis	Moisture		1	1068595	CJC	EET EDI	10/15/25 19:49

Client Sample ID: 52A3_2-3
Date Collected: 10/10/25 09:25
Date Received: 10/10/25 17:30

Lab Sample ID: 460-337049-31
Matrix: Solid
Percent Solids: 97.5

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Prep	5035			1068204	JCZ	EET EDI	10/14/25 09:48
Total/NA	Analysis	8260D		1	1068238	EMM	EET EDI	10/15/25 01:00

Client Sample ID: 52A1_4-5
Date Collected: 10/10/25 09:30
Date Received: 10/10/25 17:30

Lab Sample ID: 460-337049-32
Matrix: Solid

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Analysis	Moisture		1	1068595	CJC	EET EDI	10/15/25 19:49

Lab Chronicle

Client: Haley & Aldrich, Inc.
Project/Site: Former Port Mobil

Job ID: 460-337049-1

Client Sample ID: 52A1_4-5

Date Collected: 10/10/25 09:30
Date Received: 10/10/25 17:30

Lab Sample ID: 460-337049-32

Matrix: Solid
Percent Solids: 96.9

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Prep	5035			1068204	JCZ	EET EDI	10/14/25 09:48
Total/NA	Analysis	8260D		1	1068238	EMM	EET EDI	10/15/25 01:24

Client Sample ID: 52A2_5-6

Date Collected: 10/10/25 09:35
Date Received: 10/10/25 17:30

Lab Sample ID: 460-337049-33

Matrix: Solid

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Analysis	Moisture		1	1068595	CJC	EET EDI	10/15/25 19:49

Client Sample ID: 52A2_5-6

Date Collected: 10/10/25 09:35
Date Received: 10/10/25 17:30

Lab Sample ID: 460-337049-33

Matrix: Solid
Percent Solids: 90.5

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Prep	5035			1068204	JCZ	EET EDI	10/14/25 09:48
Total/NA	Analysis	8260D		1	1068238	EMM	EET EDI	10/15/25 01:48

Client Sample ID: 52A3_6-7

Date Collected: 10/10/25 09:40
Date Received: 10/10/25 17:30

Lab Sample ID: 460-337049-34

Matrix: Solid

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Analysis	Moisture		1	1068595	CJC	EET EDI	10/15/25 19:49

Client Sample ID: 52A3_6-7

Date Collected: 10/10/25 09:40
Date Received: 10/10/25 17:30

Lab Sample ID: 460-337049-34

Matrix: Solid
Percent Solids: 93.1

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Prep	5035			1068204	JCZ	EET EDI	10/14/25 09:49
Total/NA	Analysis	8260D		1	1068238	EMM	EET EDI	10/15/25 02:12

Client Sample ID: 52A1_7-8

Date Collected: 10/10/25 09:45
Date Received: 10/10/25 17:30

Lab Sample ID: 460-337049-35

Matrix: Solid

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Prep	5035			1068204	JCZ	EET EDI	10/14/25 09:49
Total/NA	Analysis	8260D		1	1068238	EMM	EET EDI	10/15/25 02:36

Lab Chronicle

Client: Haley & Aldrich, Inc.
Project/Site: Former Port Mobil

Job ID: 460-337049-1

Client Sample ID: 52B1_1-2
Date Collected: 10/10/25 09:50
Date Received: 10/10/25 17:30

Lab Sample ID: 460-337049-36
Matrix: Solid

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Analysis	Moisture		1	1068595	CJC	EET EDI	10/15/25 19:49

Client Sample ID: 52B1_1-2
Date Collected: 10/10/25 09:50
Date Received: 10/10/25 17:30

Lab Sample ID: 460-337049-36
Matrix: Solid
Percent Solids: 94.6

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Prep	5035			1068204	JCZ	EET EDI	10/14/25 09:49
Total/NA	Analysis	8260D		1	1068238	EMM	EET EDI	10/15/25 03:01

Client Sample ID: 52B2_2-3
Date Collected: 10/10/25 09:55
Date Received: 10/10/25 17:30

Lab Sample ID: 460-337049-37
Matrix: Solid

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Analysis	Moisture		1	1068595	CJC	EET EDI	10/15/25 19:49

Client Sample ID: 52B2_2-3
Date Collected: 10/10/25 09:55
Date Received: 10/10/25 17:30

Lab Sample ID: 460-337049-37
Matrix: Solid
Percent Solids: 95.4

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Prep	5035			1068204	JCZ	EET EDI	10/14/25 09:50
Total/NA	Analysis	8260D		1	1068238	EMM	EET EDI	10/15/25 03:25

Client Sample ID: 52B3_3-4
Date Collected: 10/10/25 10:00
Date Received: 10/10/25 17:30

Lab Sample ID: 460-337049-38
Matrix: Solid

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Analysis	Moisture		1	1068595	CJC	EET EDI	10/15/25 19:49

Client Sample ID: 52B3_3-4
Date Collected: 10/10/25 10:00
Date Received: 10/10/25 17:30

Lab Sample ID: 460-337049-38
Matrix: Solid
Percent Solids: 95.7

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Prep	5035			1068204	JCZ	EET EDI	10/14/25 09:50
Total/NA	Analysis	8260D		1	1068238	EMM	EET EDI	10/15/25 03:49

Client Sample ID: 52B1_5-6
Date Collected: 10/10/25 10:05
Date Received: 10/10/25 17:30

Lab Sample ID: 460-337049-39
Matrix: Solid

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Analysis	Moisture		1	1068595	CJC	EET EDI	10/15/25 19:49

Lab Chronicle

Client: Haley & Aldrich, Inc.
Project/Site: Former Port Mobil

Job ID: 460-337049-1

Client Sample ID: 52B1_5-6
Date Collected: 10/10/25 10:05
Date Received: 10/10/25 17:30

Lab Sample ID: 460-337049-39
Matrix: Solid
Percent Solids: 94.4

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Prep	5035			1068204	JCZ	EET EDI	10/14/25 09:50
Total/NA	Analysis	8260D		1	1068238	EMM	EET EDI	10/15/25 04:13

Client Sample ID: 52B2_7-8
Date Collected: 10/10/25 10:10
Date Received: 10/10/25 17:30

Lab Sample ID: 460-337049-40
Matrix: Solid

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Analysis	Moisture		1	1068595	CJC	EET EDI	10/15/25 19:49

Client Sample ID: 52B2_7-8
Date Collected: 10/10/25 10:10
Date Received: 10/10/25 17:30

Lab Sample ID: 460-337049-40
Matrix: Solid
Percent Solids: 98.2

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Prep	5035			1068212	JCZ	EET EDI	10/14/25 10:01
Total/NA	Analysis	8260D		1	1068238	EMM	EET EDI	10/15/25 04:37

Client Sample ID: 52B3_4-5
Date Collected: 10/10/25 10:15
Date Received: 10/10/25 17:30

Lab Sample ID: 460-337049-41
Matrix: Solid

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Analysis	Moisture		1	1068596	CJC	EET EDI	10/15/25 19:49

Client Sample ID: 52B3_4-5
Date Collected: 10/10/25 10:15
Date Received: 10/10/25 17:30

Lab Sample ID: 460-337049-41
Matrix: Solid
Percent Solids: 98.8

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Prep	5035			1068212	JCZ	EET EDI	10/14/25 10:01
Total/NA	Analysis	8260D		1	1068238	EMM	EET EDI	10/15/25 05:01

Client Sample ID: 52B2_4-5
Date Collected: 10/10/25 10:20
Date Received: 10/10/25 17:30

Lab Sample ID: 460-337049-42
Matrix: Solid

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Analysis	Moisture		1	1068596	CJC	EET EDI	10/15/25 19:49

Lab Chronicle

Client: Haley & Aldrich, Inc.
Project/Site: Former Port Mobil

Job ID: 460-337049-1

Client Sample ID: 52B2_4-5
Date Collected: 10/10/25 10:20
Date Received: 10/10/25 17:30

Lab Sample ID: 460-337049-42
Matrix: Solid
Percent Solids: 96.7

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Prep	5035			1068212	JCZ	EET EDI	10/14/25 10:01
Total/NA	Analysis	8260D		1	1068238	EMM	EET EDI	10/15/25 05:26

Client Sample ID: 52C1_2-3
Date Collected: 10/10/25 10:25
Date Received: 10/10/25 17:30

Lab Sample ID: 460-337049-43
Matrix: Solid

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Analysis	Moisture		1	1068596	CJC	EET EDI	10/15/25 19:49

Client Sample ID: 52C1_2-3
Date Collected: 10/10/25 10:25
Date Received: 10/10/25 17:30

Lab Sample ID: 460-337049-43
Matrix: Solid
Percent Solids: 95.7

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Prep	5035			1068212	JCZ	EET EDI	10/14/25 10:02
Total/NA	Analysis	8260D		1	1068238	EMM	EET EDI	10/15/25 05:50

Client Sample ID: 52C2_1-2
Date Collected: 10/10/25 10:30
Date Received: 10/10/25 17:30

Lab Sample ID: 460-337049-44
Matrix: Solid

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Analysis	Moisture		1	1068596	CJC	EET EDI	10/15/25 19:49

Client Sample ID: 52C2_1-2
Date Collected: 10/10/25 10:30
Date Received: 10/10/25 17:30

Lab Sample ID: 460-337049-44
Matrix: Solid
Percent Solids: 96.5

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Prep	5035			1068212	JCZ	EET EDI	10/14/25 10:02
Total/NA	Analysis	8260D		1	1068241	EMM	EET EDI	10/15/25 09:28

Client Sample ID: 52C3_4-5
Date Collected: 10/10/25 10:35
Date Received: 10/10/25 17:30

Lab Sample ID: 460-337049-45
Matrix: Solid

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Analysis	Moisture		1	1068596	CJC	EET EDI	10/15/25 19:49

Lab Chronicle

Client: Haley & Aldrich, Inc.
Project/Site: Former Port Mobil

Job ID: 460-337049-1

Client Sample ID: 52C3_4-5
Date Collected: 10/10/25 10:35
Date Received: 10/10/25 17:30

Lab Sample ID: 460-337049-45
Matrix: Solid
Percent Solids: 99.0

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Prep	5035			1068212	JCZ	EET EDI	10/14/25 10:02
Total/NA	Analysis	8260D		1	1068241	EMM	EET EDI	10/15/25 09:52

Client Sample ID: 52C1_6-7
Date Collected: 10/10/25 10:40
Date Received: 10/10/25 17:30

Lab Sample ID: 460-337049-46
Matrix: Solid

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Analysis	Moisture		1	1068596	CJC	EET EDI	10/15/25 19:49

Client Sample ID: 52C1_6-7
Date Collected: 10/10/25 10:40
Date Received: 10/10/25 17:30

Lab Sample ID: 460-337049-46
Matrix: Solid
Percent Solids: 95.6

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Prep	5035			1068212	JCZ	EET EDI	10/14/25 10:03
Total/NA	Analysis	8260D		1	1068241	EMM	EET EDI	10/15/25 10:16

Client Sample ID: 52C2_5-6
Date Collected: 10/10/25 10:45
Date Received: 10/10/25 17:30

Lab Sample ID: 460-337049-47
Matrix: Solid

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Analysis	Moisture		1	1068596	CJC	EET EDI	10/15/25 19:49

Client Sample ID: 52C2_5-6
Date Collected: 10/10/25 10:45
Date Received: 10/10/25 17:30

Lab Sample ID: 460-337049-47
Matrix: Solid
Percent Solids: 92.3

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Prep	5035			1068212	JCZ	EET EDI	10/14/25 10:03
Total/NA	Analysis	8260D		1	1068499	AAT	EET EDI	10/16/25 00:05

Client Sample ID: 52C_7-8
Date Collected: 10/10/25 10:50
Date Received: 10/10/25 17:30

Lab Sample ID: 460-337049-48
Matrix: Solid

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Analysis	Moisture		1	1068596	CJC	EET EDI	10/15/25 19:49

Lab Chronicle

Client: Haley & Aldrich, Inc.
Project/Site: Former Port Mobil

Job ID: 460-337049-1

Client Sample ID: 52C_7-8
Date Collected: 10/10/25 10:50
Date Received: 10/10/25 17:30

Lab Sample ID: 460-337049-48
Matrix: Solid
Percent Solids: 92.4

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Prep	5035			1068212	JCZ	EET EDI	10/14/25 10:03
Total/NA	Analysis	8260D		1	1068241	EMM	EET EDI	10/15/25 11:04

Client Sample ID: 52C3_2-3
Date Collected: 10/10/25 10:55
Date Received: 10/10/25 17:30

Lab Sample ID: 460-337049-49
Matrix: Solid

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Analysis	Moisture		1	1068596	CJC	EET EDI	10/15/25 19:49

Client Sample ID: 52C3_2-3
Date Collected: 10/10/25 10:55
Date Received: 10/10/25 17:30

Lab Sample ID: 460-337049-49
Matrix: Solid
Percent Solids: 93.3

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Prep	5035			1068212	JCZ	EET EDI	10/14/25 10:04
Total/NA	Analysis	8260D		1	1068241	EMM	EET EDI	10/15/25 11:29

Client Sample ID: 52D1_3-4
Date Collected: 10/10/25 11:00
Date Received: 10/10/25 17:30

Lab Sample ID: 460-337049-50
Matrix: Solid

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Analysis	Moisture		1	1068596	CJC	EET EDI	10/15/25 19:49

Client Sample ID: 52D1_3-4
Date Collected: 10/10/25 11:00
Date Received: 10/10/25 17:30

Lab Sample ID: 460-337049-50
Matrix: Solid
Percent Solids: 92.6

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Prep	5035			1068212	JCZ	EET EDI	10/14/25 10:04
Total/NA	Analysis	8260D		1	1068241	EMM	EET EDI	10/15/25 11:53

Client Sample ID: 52D2_1-2
Date Collected: 10/10/25 11:05
Date Received: 10/10/25 17:30

Lab Sample ID: 460-337049-51
Matrix: Solid

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Analysis	Moisture		1	1068596	CJC	EET EDI	10/15/25 19:49

Client Sample ID: 52D2_1-2
Date Collected: 10/10/25 11:05
Date Received: 10/10/25 17:30

Lab Sample ID: 460-337049-51
Matrix: Solid
Percent Solids: 97.3

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Prep	5035			1068212	JCZ	EET EDI	10/14/25 10:04
Total/NA	Analysis	8260D		1	1068241	EMM	EET EDI	10/15/25 12:17

Client Sample ID: 52D3_4-5
Date Collected: 10/10/25 11:10
Date Received: 10/10/25 17:30

Lab Sample ID: 460-337049-52
Matrix: Solid

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Analysis	Moisture		1	1068596	CJC	EET EDI	10/15/25 19:49

Client Sample ID: 52D3_4-5
Date Collected: 10/10/25 11:10
Date Received: 10/10/25 17:30

Lab Sample ID: 460-337049-52
Matrix: Solid
Percent Solids: 97.7

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Prep	5035			1068212	JCZ	EET EDI	10/14/25 10:05
Total/NA	Analysis	8260D		1	1068241	EMM	EET EDI	10/15/25 12:43

Client Sample ID: 52D1_5-6
Date Collected: 10/10/25 11:15
Date Received: 10/10/25 17:30

Lab Sample ID: 460-337049-53
Matrix: Solid

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Analysis	Moisture		1	1068596	CJC	EET EDI	10/15/25 19:49

Client Sample ID: 52D1_5-6
Date Collected: 10/10/25 11:15
Date Received: 10/10/25 17:30

Lab Sample ID: 460-337049-53
Matrix: Solid
Percent Solids: 91.6

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Prep	5035			1068212	JCZ	EET EDI	10/14/25 10:05
Total/NA	Analysis	8260D		1	1068241	EMM	EET EDI	10/15/25 13:08

Client Sample ID: 52D2_7-8
Date Collected: 10/10/25 11:20
Date Received: 10/10/25 17:30

Lab Sample ID: 460-337049-54
Matrix: Solid

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Analysis	Moisture		1	1068596	CJC	EET EDI	10/15/25 19:49

Lab Chronicle

Client: Haley & Aldrich, Inc.
Project/Site: Former Port Mobil

Job ID: 460-337049-1

Client Sample ID: 52D2_7-8
Date Collected: 10/10/25 11:20
Date Received: 10/10/25 17:30

Lab Sample ID: 460-337049-54
Matrix: Solid
Percent Solids: 93.2

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Prep	5035			1068212	JCZ	EET EDI	10/14/25 10:05
Total/NA	Analysis	8260D		1	1068241	EMM	EET EDI	10/15/25 13:32

Client Sample ID: 52D3_5-6
Date Collected: 10/10/25 11:25
Date Received: 10/10/25 17:30

Lab Sample ID: 460-337049-55
Matrix: Solid

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Analysis	Moisture		1	1068596	CJC	EET EDI	10/15/25 19:49

Client Sample ID: 52D3_5-6
Date Collected: 10/10/25 11:25
Date Received: 10/10/25 17:30

Lab Sample ID: 460-337049-55
Matrix: Solid
Percent Solids: 96.6

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Prep	5035			1068212	JCZ	EET EDI	10/14/25 10:06
Total/NA	Analysis	8260D		1	1068241	EMM	EET EDI	10/15/25 13:56

Client Sample ID: 52D1_2-3
Date Collected: 10/10/25 11:30
Date Received: 10/10/25 17:30

Lab Sample ID: 460-337049-56
Matrix: Solid

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Analysis	Moisture		1	1068596	CJC	EET EDI	10/15/25 19:49

Client Sample ID: 52D1_2-3
Date Collected: 10/10/25 11:30
Date Received: 10/10/25 17:30

Lab Sample ID: 460-337049-56
Matrix: Solid
Percent Solids: 94.5

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Prep	5035			1068212	JCZ	EET EDI	10/14/25 10:06
Total/NA	Analysis	8260D		1	1068241	EMM	EET EDI	10/15/25 14:20

Client Sample ID: 52E1_2-3
Date Collected: 10/10/25 11:35
Date Received: 10/10/25 17:30

Lab Sample ID: 460-337049-57
Matrix: Solid

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Analysis	Moisture		1	1068596	CJC	EET EDI	10/15/25 19:49

Lab Chronicle

Client: Haley & Aldrich, Inc.
Project/Site: Former Port Mobil

Job ID: 460-337049-1

Client Sample ID: 52E1_2-3
Date Collected: 10/10/25 11:35
Date Received: 10/10/25 17:30

Lab Sample ID: 460-337049-57
Matrix: Solid
Percent Solids: 94.7

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Prep	5035			1068212	JCZ	EET EDI	10/14/25 10:06
Total/NA	Analysis	8260D		1	1068241	EMM	EET EDI	10/15/25 14:45

Client Sample ID: 52E2_3-4
Date Collected: 10/10/25 11:40
Date Received: 10/10/25 17:30

Lab Sample ID: 460-337049-58
Matrix: Solid

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Analysis	Moisture		1	1068596	CJC	EET EDI	10/15/25 19:49

Client Sample ID: 52E2_3-4
Date Collected: 10/10/25 11:40
Date Received: 10/10/25 17:30

Lab Sample ID: 460-337049-58
Matrix: Solid
Percent Solids: 97.3

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Prep	5035			1068212	JCZ	EET EDI	10/14/25 10:07
Total/NA	Analysis	8260D		1	1068241	EMM	EET EDI	10/15/25 15:56

Client Sample ID: 52E3_1-2
Date Collected: 10/10/25 11:45
Date Received: 10/10/25 17:30

Lab Sample ID: 460-337049-59
Matrix: Solid

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Analysis	Moisture		1	1068596	CJC	EET EDI	10/15/25 19:49

Client Sample ID: 52E3_1-2
Date Collected: 10/10/25 11:45
Date Received: 10/10/25 17:30

Lab Sample ID: 460-337049-59
Matrix: Solid
Percent Solids: 96.9

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Prep	5035			1068212	JCZ	EET EDI	10/14/25 10:07
Total/NA	Analysis	8260D		1	1068241	EMM	EET EDI	10/15/25 16:46

Client Sample ID: 52E2_7-8
Date Collected: 10/10/25 11:55
Date Received: 10/10/25 17:30

Lab Sample ID: 460-337049-61
Matrix: Solid

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Analysis	Moisture		1	1068596	CJC	EET EDI	10/15/25 19:49

Lab Chronicle

Client: Haley & Aldrich, Inc.
Project/Site: Former Port Mobil

Job ID: 460-337049-1

Client Sample ID: 52E2_7-8
Date Collected: 10/10/25 11:55
Date Received: 10/10/25 17:30

Lab Sample ID: 460-337049-61
Matrix: Solid
Percent Solids: 96.7

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Prep	5035			1068212	JCZ	EET EDI	10/14/25 10:08
Total/NA	Analysis	8260D		1	1068241	EMM	EET EDI	10/15/25 17:10

Client Sample ID: 52E3_6-7
Date Collected: 10/10/25 12:00
Date Received: 10/10/25 17:30

Lab Sample ID: 460-337049-62
Matrix: Solid

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Analysis	Moisture		1	1068596	CJC	EET EDI	10/15/25 19:49

Client Sample ID: 52E3_6-7
Date Collected: 10/10/25 12:00
Date Received: 10/10/25 17:30

Lab Sample ID: 460-337049-62
Matrix: Solid
Percent Solids: 96.4

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Prep	5035			1068212	JCZ	EET EDI	10/14/25 10:08
Total/NA	Analysis	8260D		1	1068587	EMM	EET EDI	10/15/25 22:13

Client Sample ID: 52E2_5-6
Date Collected: 10/10/25 12:05
Date Received: 10/10/25 17:30

Lab Sample ID: 460-337049-63
Matrix: Solid

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Analysis	Moisture		1	1068596	CJC	EET EDI	10/15/25 19:49

Client Sample ID: 52E2_5-6
Date Collected: 10/10/25 12:05
Date Received: 10/10/25 17:30

Lab Sample ID: 460-337049-63
Matrix: Solid
Percent Solids: 98.2

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Prep	5035			1068212	JCZ	EET EDI	10/14/25 10:08
Total/NA	Analysis	8260D		1	1068587	EMM	EET EDI	10/15/25 22:37

Laboratory References:

EET EDI = Eurofins Edison, 777 New Durham Road, Edison, NJ 08817, TEL (732)549-3900

ELLE = Eurofins Lancaster Laboratories Environment Testing, LLC, 2425 New Holland Pike, Lancaster, PA 17601, TEL (717)656-2300

Accreditation/Certification Summary

Client: Haley & Aldrich, Inc.
Project/Site: Former Port Mobil

Job ID: 460-337049-1

Laboratory: Eurofins Edison

Unless otherwise noted, all analytes for this laboratory were covered under each accreditation/certification below.

Authority	Program	Identification Number	Expiration Date
New York	NELAP	11452	04-01-26

The following analytes are included in this report, but the laboratory is not certified by the governing authority. This list may include analytes for which the agency does not offer certification.

Analysis Method	Prep Method	Matrix	Analyte
8270E	3546	Solid	3 & 4 Methylphenol
Moisture		Solid	Percent Moisture
Moisture		Solid	Percent Solids

Laboratory: Eurofins Lancaster Laboratories Environment Testing, LLC

All accreditations/certifications held by this laboratory are listed. Not all accreditations/certifications are applicable to this report.

Authority	Program	Identification Number	Expiration Date
A2LA	Dept. of Defense ELAP	0001.01	11-30-26
A2LA	Dept. of Energy	0001.01	11-30-26
A2LA	ISO/IEC 17025	0001.01	11-30-26
Alabama	State	43200	01-31-26
Alaska	State	PA00009	06-30-26
Alaska (UST)	State	17-027	12-30-26
Arizona	State	AZ0780	03-12-26
Arkansas DEQ	State	88-00660	08-09-26
California	State	2792	01-31-26
Colorado	State	PA00009	06-30-26
Connecticut	State	PH-0746	06-30-27
DE Haz. Subst. Cleanup Act (HSCA)	State	019-006 (PA cert)	01-31-26
Delaware (DW)	State	N/A	01-31-26
Florida	NELAP	E87997	07-01-26
Georgia (DW)	State	C048	01-31-26
Illinois	NELAP	200027	01-31-26
Iowa	State	361	03-01-26
Kansas	NELAP	E-10151	10-31-25
Kentucky (DW)	State	KY90088	12-31-25
Kentucky (UST)	State	0001.01	11-30-26
Kentucky (WW)	State	KY90088	12-31-25
Louisiana (All)	NELAP	02055	06-30-26
Maine	State	2019012	03-12-27
Maryland	State	100	06-30-26
Massachusetts	State	M-PA009	06-30-26
Michigan	State	9930	01-31-26
Minnesota	NELAP	042-999-487	12-31-25
Mississippi	State	023	01-31-26
Missouri	State	450	01-31-28
Montana (DW)	State	0098	01-01-26
Nebraska	State	NE-OS-32-17	01-31-26
New Hampshire	NELAP	2730	01-10-26
New Jersey	NELAP	PA011	06-30-26
New York	NELAP	10670	04-01-26
North Carolina (DW)	State	42705	07-31-26
North Carolina (WW/SW)	State	521	12-31-25
North Dakota	State	R-205	01-31-24 *
Ohio	State	87787	01-31-26

* Accreditation/Certification renewal pending - accreditation/certification considered valid.

Accreditation/Certification Summary

Client: Haley & Aldrich, Inc.
Project/Site: Former Port Mobil

Job ID: 460-337049-1

Laboratory: Eurofins Lancaster Laboratories Environment Testing, LLC (Continued)

All accreditations/certifications held by this laboratory are listed. Not all accreditations/certifications are applicable to this report.

Authority	Program	Identification Number	Expiration Date
Oklahoma	NELAP	9804	12-31-25
Oregon	NELAP	PA200001	09-12-26
Pennsylvania	NELAP	36-00037	01-31-26
Quebec Ministry of Environment and Fight against Climate Change	PALA	507	09-16-29
Rhode Island	State	LAO00338	12-30-25
South Carolina	State	89002	01-31-26
Tennessee	State	02838	01-31-26
Texas	NELAP	T104704194-23-46	08-31-26
USDA	US Federal Programs	525-22-298-19481	10-25-25
Vermont	State	VT - 36037	10-27-25
Virginia	NELAP	460182	06-14-26
Washington	State	C457	04-11-26
West Virginia (DW)	State	9906 C	03-31-26
West Virginia DEP	State	055	07-31-26
Wyoming	State	8TMS-L	01-31-26
Wyoming (UST)	A2LA	0001.01	11-30-26

Method Summary

Client: Haley & Aldrich, Inc.
Project/Site: Former Port Mobil

Job ID: 460-337049-1

Method	Method Description	Protocol	Laboratory
8260D	Volatile Organic Compounds by GC/MS	SW846	EET EDI
8270E	Semivolatile Organic Compounds (GC/MS)	SW846	EET EDI
8081B	Organochlorine Pesticides (GC)	SW846	EET EDI
8082A	Polychlorinated Biphenyls (PCBs) by Gas Chromatography	SW846	EET EDI
1633A	Per- and Polyfluoroalkyl Substances by LC/MS/MS, 1633A	EPA	ELLE
6020B	Metals (ICP/MS)	SW846	EET EDI
7471B	Mercury (CVAA)	SW846	EET EDI
Moisture	Percent Moisture	EPA	EET EDI
1633A Shake	Shake Extraction with SPE	EPA	ELLE
3050B	Preparation, Metals	SW846	EET EDI
3546	Microwave Extraction	SW846	EET EDI
5035	Closed System Purge and Trap	SW846	EET EDI
7471B	Preparation, Mercury	SW846	EET EDI

Protocol References:

EPA = US Environmental Protection Agency

SW846 = "Test Methods For Evaluating Solid Waste, Physical/Chemical Methods", Third Edition, November 1986 And Its Updates.

Laboratory References:

EET EDI = Eurofins Edison, 777 New Durham Road, Edison, NJ 08817, TEL (732)549-3900

ELLE = Eurofins Lancaster Laboratories Environment Testing, LLC, 2425 New Holland Pike, Lancaster, PA 17601, TEL (717)656-2300

Sample Summary

Client: Haley & Aldrich, Inc.
Project/Site: Former Port Mobil

Job ID: 460-337049-1

Lab Sample ID	Client Sample ID	Matrix	Collected	Received	Sample Origin
460-337049-1	52A_0-4	Solid	10/10/25 12:10	10/10/25 17:30	New York
460-337049-2	52A_4-8	Solid	10/10/25 12:20	10/10/25 17:30	New York
460-337049-3	52B_0-4	Solid	10/10/25 12:25	10/10/25 17:30	New York
460-337049-4	52B_4-8	Solid	10/10/25 12:30	10/10/25 17:30	New York
460-337049-5	52C_0-4	Solid	10/10/25 12:35	10/10/25 17:30	New York
460-337049-6	52C_4-8	Solid	10/10/25 12:40	10/10/25 17:30	New York
460-337049-7	52D_0-4	Solid	10/10/25 12:45	10/10/25 17:30	New York
460-337049-8	52D_4-8	Solid	10/10/25 12:50	10/10/25 17:30	New York
460-337049-9	52E_0-4	Solid	10/10/25 12:55	10/10/25 17:30	New York
460-337049-10	52E_4-8	Solid	10/10/25 13:00	10/10/25 17:30	New York
460-337049-11	51A_0-4	Solid	10/10/25 08:20	10/10/25 17:30	New York
460-337049-12	51A_4-8	Solid	10/10/25 08:25	10/10/25 17:30	New York
460-337049-13	51B_0-4	Solid	10/10/25 09:05	10/10/25 17:30	New York
460-337049-14	51B_4-8	Solid	10/10/25 09:10	10/10/25 17:30	New York
460-337049-15	51A1_3-4	Solid	10/10/25 07:45	10/10/25 17:30	New York
460-337049-16	51A2_1-2	Solid	10/10/25 07:50	10/10/25 17:30	New York
460-337049-17	51A3_2-3	Solid	10/10/25 07:55	10/10/25 17:30	New York
460-337049-18	51A4_4-5	Solid	10/10/25 08:00	10/10/25 17:30	New York
460-337049-19	51A5_5-6	Solid	10/10/25 08:05	10/10/25 17:30	New York
460-337049-20	51A1_6-7	Solid	10/10/25 08:10	10/10/25 17:30	New York
460-337049-21	51A2_3-4	Solid	10/10/25 08:15	10/10/25 17:30	New York
460-337049-22	51B1_1-2	Solid	10/10/25 08:30	10/10/25 17:30	New York
460-337049-23	51B2_2-3	Solid	10/10/25 08:35	10/10/25 17:30	New York
460-337049-24	51B3_4-5	Solid	10/10/25 08:40	10/10/25 17:30	New York
460-337049-25	51B4_5-6	Solid	10/10/25 08:45	10/10/25 17:30	New York
460-337049-26	51B5_7-8	Solid	10/10/25 08:50	10/10/25 17:30	New York
460-337049-27	51B1_5-6	Solid	10/10/25 08:55	10/10/25 17:30	New York
460-337049-28	51B3_6-7	Solid	10/10/25 09:00	10/10/25 17:30	New York
460-337049-29	52A1_1-2	Solid	10/10/25 09:15	10/10/25 17:30	New York
460-337049-30	52A2_3-4	Solid	10/10/25 09:20	10/10/25 17:30	New York
460-337049-31	52A3_2-3	Solid	10/10/25 09:25	10/10/25 17:30	New York
460-337049-32	52A1_4-5	Solid	10/10/25 09:30	10/10/25 17:30	New York
460-337049-33	52A2_5-6	Solid	10/10/25 09:35	10/10/25 17:30	New York
460-337049-34	52A3_6-7	Solid	10/10/25 09:40	10/10/25 17:30	New York
460-337049-35	52A1_7-8	Solid	10/10/25 09:45	10/10/25 17:30	New York
460-337049-36	52B1_1-2	Solid	10/10/25 09:50	10/10/25 17:30	New York
460-337049-37	52B2_2-3	Solid	10/10/25 09:55	10/10/25 17:30	New York
460-337049-38	52B3_3-4	Solid	10/10/25 10:00	10/10/25 17:30	New York
460-337049-39	52B1_5-6	Solid	10/10/25 10:05	10/10/25 17:30	New York
460-337049-40	52B2_7-8	Solid	10/10/25 10:10	10/10/25 17:30	New York
460-337049-41	52B3_4-5	Solid	10/10/25 10:15	10/10/25 17:30	New York
460-337049-42	52B2_4-5	Solid	10/10/25 10:20	10/10/25 17:30	New York
460-337049-43	52C1_2-3	Solid	10/10/25 10:25	10/10/25 17:30	New York
460-337049-44	52C2_1-2	Solid	10/10/25 10:30	10/10/25 17:30	New York
460-337049-45	52C3_4-5	Solid	10/10/25 10:35	10/10/25 17:30	New York
460-337049-46	52C1_6-7	Solid	10/10/25 10:40	10/10/25 17:30	New York
460-337049-47	52C2_5-6	Solid	10/10/25 10:45	10/10/25 17:30	New York
460-337049-48	52C_7-8	Solid	10/10/25 10:50	10/10/25 17:30	New York
460-337049-49	52C3_2-3	Solid	10/10/25 10:55	10/10/25 17:30	New York
460-337049-50	52D1_3-4	Solid	10/10/25 11:00	10/10/25 17:30	New York
460-337049-51	52D2_1-2	Solid	10/10/25 11:05	10/10/25 17:30	New York
460-337049-52	52D3_4-5	Solid	10/10/25 11:10	10/10/25 17:30	New York
460-337049-53	52D1_5-6	Solid	10/10/25 11:15	10/10/25 17:30	New York

Sample Summary

Client: Haley & Aldrich, Inc.
Project/Site: Former Port Mobil

Job ID: 460-337049-1

Lab Sample ID	Client Sample ID	Matrix	Collected	Received	Sample Origin
460-337049-54	52D2_7-8	Solid	10/10/25 11:20	10/10/25 17:30	New York
460-337049-55	52D3_5-6	Solid	10/10/25 11:25	10/10/25 17:30	New York
460-337049-56	52D1_2-3	Solid	10/10/25 11:30	10/10/25 17:30	New York
460-337049-57	52E1_2-3	Solid	10/10/25 11:35	10/10/25 17:30	New York
460-337049-58	52E2_3-4	Solid	10/10/25 11:40	10/10/25 17:30	New York
460-337049-59	52E3_1-2	Solid	10/10/25 11:45	10/10/25 17:30	New York
460-337049-61	52E2_7-8	Solid	10/10/25 11:55	10/10/25 17:30	New York
460-337049-62	52E3_6-7	Solid	10/10/25 12:00	10/10/25 17:30	New York
460-337049-63	52E2_5-6	Solid	10/10/25 12:05	10/10/25 17:30	New York

Eurofins Edison
777 New Durham Road
Edison, NJ 08817
Phone: 732-549-3900 Fax: 732-549-3679

Chain of Custody Record

eurofins | Environment Testing

Client Information	Sampler: OCT	Lab PM: Flannery, Elizabeth J	Carrier Tracking No(s):	COC No: 460-200915-131502.1
Client Contact: Sarah Commisso	Phone:	E-Mail: Elizabeth.Flannery@et.eurofinsus.com	State of Origin:	Page: Page 1 of 6
Company: Haley & Aldrich, Inc.	PWSID:		Analysis Requested	Job #: 337049
Address: 213 West 35th Street, 7th Floor	Due Date Requested:			Preservation Codes: N None
City: New York	TAT Requested (days): 5 DAY			
State, Zip: NY 10001	Compliance Project: Δ Yes Δ No			
Phone:	PO #: 0213836001-002-03 ~~0208988-001-001-06~~			
Email: SCommisso@haleyaldrich.com	WO #: 4101 Arthur Kill Road, Staten Island, NY			
Project Name: 4101 Arthur Kill Former Port Mobil	Project #: 46042832			
Site:	SSOW#:			

SHORT HOLD

460-337049 Chain of Custody

Sample Identification	Sample Date	Sample Time	Sample Type (C=comp, G=grab)	Matrix (Wwater, Ssolid, Owaste/oil, BT=Tissue, A=Air, DW=Drinking Water)	Field Filtered Sample (Yes or No)	Perform MS/MSD (Yes or No)	1633A - 1633 Standard List 40	8270E - 8270D SIM Standard List 40	Total	Special Instructions/Note:
			Preservation Code:				N			
S2A_0-4	10/10/25	1210	C	Solid			X	X		1
S2A_4-8		1220		Solid						2
S2B_0-4		1225		Solid						3
S2B_4-8		1230		Solid						4
S2C_0-4		1235		Solid						5
S2C_4-8		1240		Solid						6
S2D_0-4		1245		Solid						7
S2D_4-8		1250		Solid						8
S2E_0-4		1255		Solid						9
S2E_4-8		1300		Solid						10
S1A_0-4		0820		Solid						11

Possible Hazard Identification
☐ Non-Hazard ☐ Flammable ☐ Skin Irritant ☐ Poison B ☐ Unknown ☐ Radiological

Sample Disposal (A fee may be assessed if samples are retained longer than 1 month)
☐ Return To Client ☐ Disposal By Lab ☐ Archive For _____ Months

Deliverable Requested: I, II, III, IV Other (specify)

Special Instructions/QC Requirements:

Empty Kit Relinquished by:	Date:	Time:	Method of Shipment:

Relinquished by:	Date/Time:	Company	Received by:	Date/Time:	Company
[signature]	10/10/25	HHA	[signature]	10/10 16:30	EAT
Relinquished by: [signature]	Date/Time: 10/10 17:30	Company EES	Received by: [signature]	Date/Time: 10/10/25 1730	Company ETA
Relinquished by:	Date/Time:	Company	Received by:	Date/Time:	Company

Custody Seals Intact: Δ Yes Δ No	Custody Seal No.	Cooler Temperature(s) °C and Other Remarks:
		1.0/.7 1.0/.7 #9

Ver: 10/10/2024

Eurofins Edison
777 New Durham Road
Edison NJ 08817
Phone: 732-549-3900 Fax: 732-549-3679

Chain of Custody Record

eurofins | Environment Testing

Client Information	Sampler: OCT	Lab PM: Flannery Elizabeth J	Carrier Tracking No(s):	COC No: 460-200914-131501 16
Client Contact: Sarah Commisso	Phone:	E-Mail: Elizabeth.Flannery@et.eurofinsus.com	State of Origin:	Page: Page 3 of 16
Company: Haley & Aldrich, Inc.	PWSID:	Analysis Requested		Job #: 337049
Address: 213 West 35th Street, 7th Floor	Due Date Requested:			Preservation Codes: N None F MeOH
City: New York	TAT Requested (days): 5 DAY			
State, Zip: NY 10001	Compliance Project: Δ Yes Δ No			
Phone:	PO #: 02138336-001-002 03 ~~0208988-001-001-06~~			
Email: SCommisso@haleyaldrich.com	WO #: 4101 Arthur Kill Road, Staten Island, NY			
Project Name: 4101 Arthur Kill Former Port Mobil	Project #: 46042832			
Site:	SSOW#:			Other

Sample Identification	Sample Date	Sample Time	Sample Type (C=Comp, G=grab)	Matrix (Wwater, S=solid, O=waste/oil, BT=Tissue, A=Air, DW=Drinking Water)	Field Filtered Sample (Yes or No)	Perform MS/MSD (Yes or No)	8260B_7471B_8081B_8082A_8270E-	8260D-TCL/Part 375 VOCs	1633A Standard List 1/0	8270E,6020B,8082A,8081B,7471B	Total Number of containers	Special Instructions/Note:
			Preservation Code:				N	F				
S1A_4-8	10/10/25	0825	C	Solid					X	X		12
S1B_0-4	1	0905	1	Solid					1	1		13
S1B_4-8	1	0910	1	Solid					1	1		14
				Solid								
				Solid								
				Solid								
				Solid								
				Solid								
				Solid								
				Solid								
				Solid								
				Solid								

Possible Hazard Identification
☐ Non-Hazard ☐ Flammable ☐ Skin Irritant ☐ Poison B ☐ Unknown ☐ Radiological

Sample Disposal (A fee may be assessed if samples are retained longer than 1 month)
☐ Return To Client ☐ Disposal By Lab ☐ Archive For _____ Months

Deliverable Requested: I II III, IV Other (specify)

Special Instructions/QC Requirements:

Empty Kit Relinquished by	Date:	Time:	Method of Shipment:

Relinquished by:	Date/Time:	Company	Received by:	Date/Time:	Company
Owen Colon	10/10/25	H+A		10/10 16:30	ET
Relinquished by:	Date/Time: 10/10 17:30	Company ET	Received by: Emily Maffia	Date/Time: 10/10/25 1730	Company ET
Relinquished by:	Date/Time:	Company	Received by:	Date/Time:	Company

Custody Seals Intact: Δ Yes Δ No | Custody Seal No.:

Cooler Temperature(s) °C and Other Remarks: 1) 1.0/1.7 2) 1.0/1.7 #9

Ver: 10/10/2024

Eurofins Edison
777 New Durham Road
Edison NJ 08817
Phone: 732-549-3900 Fax: 732-549-3679

Chain of Custody Record

eurofins | Environment Testing

Client Information	Sampler: OCT	Lab PM: Flannery Elizabeth J	Carrier Tracking No(s):	COC No: 460-200914-131501 17
Client Contact: Sarah Commisso	Phone:	E-Mail: Elizabeth.Flannery@et.eurofinsus.com	State of Origin:	Page: Page 3 of 6
Company: Haley & Aldrich, Inc.	PWSID:	Analysis Requested		Job #: 337049
Address: 213 West 35th Street, 7th Floor	Due Date Requested:			Preservation Codes: N None, F MeOH
City: New York	TAT Requested (days): 5 DAY			
State, Zip: NY 10001	Compliance Project: Δ Yes Δ No			
Phone:	PO #: ~~02208868-001-001-06~~ 02135836-001-002-03			
Email: SCommisso@haleyaldrich.com	WO #: 4101 Arthur Kill Road, Staten Island NY			
Project Name: 4101 Arthur Kill Former Port Mobil	Project #: 46042832			
Site:	SSOW#:			Other:

Sample Identification	Sample Date	Sample Time	Sample Type (C=comp, G=grab)	Matrix (W=water, S=solid, O=waste/oil, BT=Tissue, A=Air, DW=Drinking Water)	Field Filtered Sample (Yes or No)	Perform MS/MSD (Yes or No)	8260D_TCL/PART375VOCs	Total Number of containers	Special Instructions/Note:
			Preservation Code:			N F			
S1AL_3-4	10/10/25	0745	G	Solid			X		15
S1A2_1-2		0750		Solid					16
S1A3_2-3		0755		Solid					17
S1A4_4-5		0800		Solid					18
S1A5_5-6		0805		Solid					19
S1AL_6-7		0810		Solid					20
S1A2_3-4		0815		Solid					21
S1B1_1-2		0830		Solid					22
S1B2_2-3		0835		Solid					23
S1B3_4-5		0840		Solid					24
S1B4_5-6		0845		Solid					25

Possible Hazard Identification
☐ Non-Hazard ☐ Flammable ☐ Skin Irritant ☐ Poison B ☐ Unknown ☐ Radiological

Sample Disposal (A fee may be assessed if samples are retained longer than 1 month)
☐ Return To Client ☐ Disposal By Lab ☐ Archive For _____ Months

Deliverable Requested: I, II, III, IV Other (specify)

Special Instructions/QC Requirements:

Empty Kit Relinquished by:	Date:	Time:	Method of Shipment:				
Relinquished by: Omar Colon	Date/Time: 10/10/25	Company: ET	Received by:	Date/Time: 10/10 1630	Company: ECT
Relinquished by:	Date/Time: 10/10 17:30	Company: ECT	Received by: Emely Raffa	Date/Time: 10/10/25 1730	Company: ETA
Relinquished by:	Date/Time:	Company	Received by:	Date/Time:	Company

Custody Seals Intact: Δ Yes Δ No | Custody Seal No.: /

Cooler Temperature(s) °C and Other Remarks: 1) 1.0.1 2) 1.0.1.7 #9

Ver: 10/10/2024

Eurofins Edison
777 New Durham Road
Edison, NJ 08817
Phone: 732-549-3900 Fax: 732-549-3679

Chain of Custody Record

eurofins | Environment Testing

Client Information	Sampler: OCT	Lab PM: Flannery Elizabeth J	Carrier Tracking No(s):	COC No: 460-200915-131502.1
Client Contact: Sarah Commisso	Phone:	E-Mail: Elizabeth.Flannery@et.eurofinsus.com	State of Origin:	Page: Page 4 of 6
Company: Haley & Aldrich, Inc.	PWSID:			Job #: 737049
Address: 213 West 35th Street, 7th Floor	Due Date Requested:			Preservation Codes: N None
City: New York	TAT Requested (days): 5 DAY			
State, Zip: NY 10001	Compliance Project: Δ Yes Δ No			
Phone:	PO #: 0213836-001-002-03 ~~0208988-001-001-06~~			
Email: SCommisso@haleyaldrich.com	WO #: 4101 Arthur Kill Road, Staten Island, NY			
Project Name: 4101 Arthur Kill Former Port Mobil	Project #: 46042832			
Site:	SSOW#:			Other

Analysis Requested

Sample Identification	Sample Date	Sample Time	Sample Type (C=Comp, G=grab)	Matrix (W=water, S=solid, O=waste/oil, BT=Tissue, A=Air, DW=Drinking Water)	Field Filtered Sample (Yes or No)	Perform MS/MSD (Yes or No)	1633A - 1633 Standard List 40	8260D - TCL PAHs 3325 VOCs	Total Number of containers	Special Instructions/Note:
			Preservation Code:			N				
S1B5_7-8	10/10/25	0820	G	Solid				X		26
S1B1_5-6		0855		Solid						27
S1B3_6-7		0900		Solid						28
S2A1_1-2		0915		Solid						29
S2A2_3-4		0920		Solid						30
S2A3_2-3		0925		Solid						31
S2A1_4-5		0930		Solid						32
S2A2_5-6		0935		Solid						33
S2A3_6-7		0940		Solid						34
S2A1_7-8		0945		Solid						35
S2B1_1-2		0950		Solid						36

Possible Hazard Identification
☐ Non-Hazard ☐ Flammable ☐ Skin Irritant ☐ Poison B ☐ Unknown ☐ Radiological

Sample Disposal (A fee may be assessed if samples are retained longer than 1 month)
☐ Return To Client ☐ Disposal By Lab ☐ Archive For _____ Months

Deliverable Requested: I II III, IV Other (specify)

Special Instructions/QC Requirements:

Empty Kit Relinquished by:	Date:	Time:	Method of Shipment:		
Relinquished by:	Date/Time: 10/10/25	Company: HA	Received by:	Date/Time: 10/10 1630	Company: ET
Relinquished by:	Date/Time: 10/10 17:30	Company: ET	Received by: Emily Maffia	Date/Time: 10/10/25 1730	Company: ET
Relinquished by:	Date/Time:	Company	Received by:	Date/Time:	Company

Custody Seals Intact: Δ Yes Δ No | Custody Seal No.:

Cooler Temperature(s) °C and Other Remarks: 1) 1.0/1.7 2) 1.0/1.7 #9

Ver: 10/10/2024

Eurofins Edison
777 New Durham Road
Edison NJ 08817
Phone: 732-549-3900 Fax: 732-549-3679

Chain of Custody Record

eurofins | Environment Testing

Client Information	Sampler: OCT	Lab PM: Flannery Elizabeth J	Carrier Tracking No(s):	COC No: 460-200915-131502.2
Client Contact: Sarah Commisso	Phone:	E-Mail: Elizabeth.Flannery@et.eurofinsus.com	State of Origin:	Page: Page 5 of 6
Company: Haley & Aldrich, Inc.	PWSID:			Job #: 337049
Address: 213 West 35th Street, 7th Floor	Due Date Requested:			Preservation Codes: N None
City: New York	TAT Requested (days): 5 DAY			
State, Zip: NY 10001	Compliance Project: Δ Yes Δ No			
Phone:	PO #: 0213836-001-002-03 0208988-001-001-06			
Email: SCommisso@haleyaldrich.com	WO #: 4101 Arthur Kill Road, Staten Island, NY			
Project Name: 4101 Arthur Kill Former Port Mobil	Project #: 46042832			
Site:	SSOW#:			Other

Analysis Requested

Sample Identification	Sample Date	Sample Time	Sample Type (C=Comp, G=grab)	Matrix (W=water, S=solid, O=waste/oil, BT=Tissue, A=Air, DW=Drinking Water)	Field Filtered Sample (Yes or No)	Perform MS/MSD (Yes or No)	8260D - TCL/PART 375 VOCs	Total Number of containers	Special Instructions/Note:
			Preservation Code:			N	X		
52B2_2-3	10/10/25	0955	G	Solid			X		37
52B3_3-4		1000		Solid					38
52B1_5-6		1005		Solid					39
52B2_7-8		1010		Solid					40
52B3_4-5		1015		Solid					41
52B2_4-5		1020		Solid					42
52C1_2-3		1025		Solid					43
52C2_1-2		1030		Solid					44
52C3_4-5		1035		Solid					45
52C1_6-7		1040		Solid					46
52C2_5-6	"	1045	"	Solid			"		47

Possible Hazard Identification
☐ Non-Hazard ☐ Flammable ☐ Skin Irritant ☐ Poison B ☐ Unknown ☐ Radiological

Sample Disposal (A fee may be assessed if samples are retained longer than 1 month)
☐ Return To Client ☐ Disposal By Lab ☐ Archive For _____ Months

Deliverable Requested: I II III, IV Other (specify)

Special Instructions/QC Requirements:

Empty Kit Relinquished by:		Date:	Time:	Method of Shipment:			
Relinquished by: Owen Dolan	Date/Time: 10/10/25	Company H+A	Received by:	Date/Time: 10/10 1630	Company EET		
Relinquished by:	Date/Time: 10/10 17:30	Company EET	Received by: Emily Hoffman	Date/Time: 10/10/25 1730	Company EHA		
Relinquished by:	Date/Time:	Company	Received by:	Date/Time:	Company		
Custody Seals Intact: Δ Yes Δ No	Custody Seal No.		Cooler Temperature(s) °C and Other Remarks: 1) 10.1.7 2) 10.1.7 #9				

Ver: 10/10/2024

Eurofins Edison
777 New Durham Road
Edison NJ 08817
Phone: 732-549-3900 Fax: 732-549-3679

Chain of Custody Record

eurofins | Environment Testing

Client Information	Sampler: OCT	Lab PM: Flannery Elizabeth J	Carrier Tracking No(s):	COC No: 460-200915-131502.3
Client Contact: Sarah Commisso	Phone:	E-Mail: Elizabeth.Flannery@et.eurofinsus.com	State of Origin:	Page: Page 3 of 6
Company: Haley & Aldrich, Inc.	PWSID:			Job #: 137049
Address: 213 West 35th Street, 7th Floor	Due Date Requested:			Preservation Codes: N None
City: New York	TAT Requested (days): 5DA			
State, Zip: NY 10001	Compliance Project: Δ Yes Δ No			
Phone:	PO #: 02138536-001-002-03 ~~0208083-001-001-06~~			
Email: SCommisso@haleyaldrich.com	WO #: 4101 Arthur Kill Road, Staten Island, NY			
Project Name: 4101 Arthur Kill - Former Port Mobil	Project #: 46042832			
Site:	SSOW#:			Other

Analysis Requested: SHORT HOLD; 8260D TCL Paper 3 TO Vocs; 1633A 1633 Standard List 40; Perform MS/MSD (Yes or No); Field Filtered Sample (Yes or No); Total Number of containers

Sample Identification	Sample Date	Sample Time	Sample Type (C=Comp, G=grab)	Matrix (W=water, S=solid, O=waste/oil BT=Tissue, A=Air DW=Drinking Water)	Special Instructions/Note:
Preservation Code:					N
52C_7-8	10/10/25	1050	G	Solid	48
52C3_2-3		1055		Solid	49
52D1_3-4		1100		Solid	50
52D2_1-2		1105		Solid	51
52D3_4-5		1110		Solid	52
52D4_5-6		1115		Solid	53
				Solid	
				Solid	
				Solid	
				Solid	
				Solid	

Possible Hazard Identification
☐ Non-Hazard ☐ Flammable ☐ Skin Irritant ☐ Poison B ☐ Unknown ☐ Radiological

Sample Disposal (A fee may be assessed if samples are retained longer than 1 month)
☐ Return To Client ☐ Disposal By Lab ☐ Archive For _____ Months

Deliverable Requested: I II, III, IV Other (specify)

Special Instructions/QC Requirements:

Empty Kit Relinquished by:	Date:	Time:	Method of Shipment:

	Relinquished by:	Date/Time:	Company	Received by:	Date/Time:	Company
1	Omar Colon	10/10/25	H+N		10/10 16:50	EET
2		10/10 17:30	EET	Emely Rallo	10/10/25 17:30	ETA
3	Relinquished by:	Date/Time:	Company	Received by:	Date/Time:	Company

Custody Seals Intact: Δ Yes Δ No | Custody Seal No.: /

Cooler Temperature(s) °C and Other Remarks: 1) 1.0 / 1.7 2) 1.0 / 1.7 #9

Ver: 10/10/2024

Eurofins Edison
777 New Durham Road
Edison NJ 08817
Phone: 732-549-3900 Fax: 732-549-3679

Chain of Custody Record

eurofins | Environment Testing

Client Information	Sampler: OCT	Lab PM: Flannery Elizabeth J	Carrier Tracking No(s):	COC No: 460-200915-131502.2
Client Contact: Sarah Commisso	Phone:	E-Mail: Elizabeth.Flannery@et.eurofinsus.com	State of Origin:	Page: Page 6 of 6
Company: Haley & Aldrich, Inc.	PWSID:			Job #: 737049
Address: 213 West 35th Street, 7th Floor	Due Date Requested:			Preservation Codes: N None
City: New York	TAT Requested (days): 5 DAY			
State, Zip: NY 10001	Compliance Project: Δ Yes Δ No			
Phone:	PO #: 0213836-001-002-03 ~~0208908-001-001-06~~			
Email: SCommisso@haleyaldrich.com	WO #: 4101 Arthur Kill Road, Staten Island, NY			
Project Name: 4101 Arthur Kill Former Port Mobil	Project #: 46042832			
Site:	SSOW#:			Other

Analysis Requested

Sample Identification	Sample Date	Sample Time	Sample Type (C=comp, G=grab)	Matrix (W=water, S=solid, O=waste/oil, BT=Tissue, A=Air, DW=Drinking Water)	Field Filtered Sample (Yes or No)	Perform MS/MSD (Yes or No)	1633A 1633 Standard List 40	8260D TCL PAHs 378 VOCs	Total Number of containers	Special Instructions/Note:
		Preservation Code:				N				
S202_7-8	10/10/25	1120	G	Solid						J4
S203_5-6		1125		Solid						55
S201_2-3		1130		Solid						56
S2E1_2-3		1135		Solid						57
S2E2-3-4		1140		Solid						58
S2E3_1-2		1145		Solid						59
S2E1_4-5		1150		Solid						60
S2E2_7-8		1155		Solid						61
S2E3-6-7		1200		Solid						62
S2E2_5-6		1205		Solid						63
				Solid						

Possible Hazard Identification
☐ Non-Hazard ☐ Flammable ☐ Skin Irritant ☐ Poison B ☐ Unknown ☐ Radiological

Sample Disposal (A fee may be assessed if samples are retained longer than 1 month)
☐ Return To Client ☐ Disposal By Lab ☐ Archive For _____ Months

Deliverable Requested: I II III IV Other (specify)

Special Instructions/QC Requirements:

Empty Kit Relinquished by:	Date:	Time:	Method of Shipment:

Relinquished by:	Date/Time:	Company	Received by:	Date/Time:	Company
Colon	10/10/25	H+A		10/10 1620	ET
	10/10 17:30	ET	Emily Rafter	10/10/25 1730	ET

Custody Seals Intact: Δ Yes Δ No	Custody Seal No.	Cooler Temperature(s) °C and Other Remarks:
		1.) 1.0/.7 2) 1.0/.7 #9

Ver: 10/10/2024

Job Number: 337049

Eurofins TestAmerica Edison
Receipt Temperature and pH Log

Number of Coolers: 2 IR Gun # 9

Cooler Temperatures

	RAW	CORRECTED		RAW	CORRECTED		RAW	CORRECTED
Cooler #1:	1.0 °C	1 °C	Cooler #4:	°C	°C	Cooler #7:	°C	°C
Cooler #2:	1.0 °C	1 °C	Cooler #5:	°C	°C	Cooler #8:	°C	°C
Cooler #3:	°C	°C	Cooler #6:	°C	°C	Cooler #9:	°C	°C

TALS Sample Number	Ammonia (pH<2)	COD (pH<2)	Nitrate Nitrite (pH<2)	Metals* (pH<2)	Hardness (pH<2)	Pest (pH 5-9)	EPH or QAM (pH<2)	Phenols (pH<2)	Sulfide (pH>9)	TKN (pH<2)	TOC (pH<2)	Total Cyanide (pH>12)	Total Phos (pH<2)	Other	Other

If pH adjustments are required record the information below:

Sample No(s). adjusted. _____

Preservative Name/Conc. _____ Volume of Preservative used (ml) _____

Lot # of Preservative(s): _____ Expiration Date: _____

The appropriate Project Manager and Department Manager should be notified about the samples which were pH adjusted.

** Samples for Metal analysis which are out of compliance must be acidified at least 24 hours prior to analysis.*

Initials: _____ Date: 10/10/25

EDS-WI-038, Rev 4.1
10/22/2019

Eurofins Edison
777 New Durham Road
Edison, NJ 08817
Phone: 732-549-3900 Fax: 732-549-3679

Chain of Custody Record

eurofins | Environment Testing

Client Information (Sub Contract Lab)	Sampler: N/A	Lab PM: Flannery, Elizabeth J	Carrier Tracking No(s): N/A	COC No: 460-75633.1
Client Contact: Shipping/Receiving	Phone: N/A	E-Mail: Elizabeth.Flannery@et.eurofinsus.com	State of Origin: New York	Page: Page 1 of 2
Company: Eurofins Lancaster Laboratories Environm		Accreditations Required (See note): NELAP - New York		Job #: 460-337049-1
Address: 2425 New Holland Pike, ,	Due Date Requested: 10/17/2025			Preservation Codes: -
City: Lancaster	TAT Requested (days): N/A			
State, Zip: PA, 17601				
Phone: 717-656-2300(Tel)	PO #: N/A			
Email: N/A	WO #: N/A			
Project Name: 4101 Arthur Kill - Former Port Mobil	Project #: 46042832			
Site: N/A	SSOW#: N/A			Other: N/A

Sample Identification - Client ID (Lab ID)	Sample Date	Sample Time	Sample Type (C=Comp, G=grab)	Matrix (W=water, S=solid, O=waste/oil, BT=Tissue, A=Air)	Field Filtered Sample (Yes or No)	Perform MS/MSD (Yes or No)	1633A/1633A_Shake1633 Standard List 40	Total Number of containers	Special Instructions/Note:
			Preservation Code:						
52A_0-4 (460-337049-1)	10/10/25	12:10 Eastern	G	Solid			X	1	
52A_4-8 (460-337049-2)	10/10/25	12:20 Eastern	G	Solid			X	1	
52B_0-4 (460-337049-3)	10/10/25	12:25 Eastern	G	Solid			X	1	
52B_4-8 (460-337049-4)	10/10/25	12:30 Eastern	G	Solid			X	1	
52C_0-4 (460-337049-5)	10/10/25	12:35 Eastern	G	Solid			X	1	
52C_4-8 (460-337049-6)	10/10/25	12:40 Eastern	G	Solid			X	1	
52D_0-4 (460-337049-7)	10/10/25	12:45 Eastern	G	Solid			X	1	
52D_4-8 (460-337049-8)	10/10/25	12:50 Eastern	G	Solid			X	1	
52E_0-4 (460-337049-9)	10/10/25	12:55 Eastern	G	Solid			X	1	

Note: Since laboratory accreditations are subject to change, Eurofins Environment Testing Northeast, LLC places the ownership of method, analyte & accreditation compliance upon our subcontract laboratories. This sample shipment is forwarded under chain-of-custody. If the laboratory does not currently maintain accreditation in the State of Origin listed above for analysis/tests/matrix being analyzed, the samples must be shipped back to the Eurofins Environment Testing Northeast, LLC laboratory or other instructions will be provided. Any changes to accreditation status should be brought to Eurofins Environment Testing Northeast, LLC attention immediately. If all requested accreditations are current to date, return the signed Chain of Custody attesting to said compliance to Eurofins Environment Testing Northeast, LLC.

Possible Hazard Identification	*Sample Disposal (A fee may be assessed if samples are retained longer than 1 month)*
Unconfirmed	☐ *Return To Client* ☐ *Disposal By Lab* ☐ *Archive For* _____ *Months*
Deliverable Requested: I, II, III, IV, Other (specify) Primary Deliverable Rank: 1	Special Instructions/QC Requirements:

Empty Kit Relinquished by:	Date:	Time:	Method of Shipment:

Relinquished by:	Date/Time:	Company	Received by:	Date/Time:	Company
	10/13/25 1615			10/13/25 1615	EA
Relinquished by:	Date/Time:	Company	Received by:	Date/Time:	Company
	10/13/25 1932	EA			
Relinquished by:	Date/Time:	Company	Received by:	Date/Time:	Company
			ALEXP	10/13/25 1932	ELLE

Custody Seals Intact:	Custody Seal No.:	Cooler Temperature(s) °C and Other Remarks:
Δ Yes Δ No		A: 2.9 C: 2.8

Ver: 10/10/2024

Eurofins Edison
777 New Durham Road
Edison, NJ 08817
Phone: 732-549-3900 Fax: 732-549-3679

Chain of Custody Record

eurofins | Environment Testing

Client Information (Sub Contract Lab)	Sampler: N/A	Lab PM: Flannery, Elizabeth J	Carrier Tracking No(s): N/A	COC No: 460-75633.2
Client Contact: Shipping/Receiving	Phone: N/A	E-Mail: Elizabeth.Flannery@et.eurofinsus.com	State of Origin: New York	Page: Page 2 of 2
Company: Eurofins Lancaster Laboratories Environm		Accreditations Required (See note): NELAP - New York		Job #: 460-337049-1
Address: 2425 New Holland Pike, ,	Due Date Requested: 10/17/2025			Preservation Codes: -
City: Lancaster	TAT Requested (days): N/A			
State, Zip: PA, 17601				
Phone: 717-656-2300(Tel)	PO #: N/A			
Email: N/A	WO #: N/A			
Project Name: 4101 Arthur Kill - Former Port Mobil	Project #: 46042832			
Site: N/A	SSOW#: N/A			Other: N/A

Sample Identification - Client ID (Lab ID)	Sample Date	Sample Time	Sample Type (C=comp, G=grab)	Matrix (W=water, S=solid, O=waste/oil, BT=Tissue, A=Air)	Field Filtered Sample (Yes or No)	Perform MS/MSD (Yes or No)	1633A/1633A_Shake1633 Standard List 40	Total Number of containers	Special Instructions/Note:
			Preservation Code:						
52E_4-8 (460-337049-10)	10/10/25	13:00 Eastern	G	Solid			X	1	
51A_0-4 (460-337049-11)	10/10/25	08:20 Eastern	G	Solid			X	1	
51A_4-8 (460-337049-12)	10/10/25	08:25 Eastern	G	Solid			X	1	
51B_0-4 (460-337049-13)	10/10/25	09:05 Eastern	G	Solid			X	1	
51B_4-8 (460-337049-14)	10/10/25	09:10 Eastern	G	Solid			X	1	

Note: Since laboratory accreditations are subject to change, Eurofins Environment Testing Northeast, LLC places the ownership of method, analyte & accreditation compliance upon our subcontract laboratories. This sample shipment is forwarded under chain-of-custody. If the laboratory does not currently maintain accreditation in the State of Origin listed above for analysis/tests/matrix being analyzed, the samples must be shipped back to the Eurofins Environment Testing Northeast, LLC laboratory or other instructions will be provided. Any changes to accreditation status should be brought to Eurofins Environment Testing Northeast, LLC attention immediately. If all requested accreditations are current to date, return the signed Chain of Custody attesting to said compliance to Eurofins Environment Testing Northeast, LLC.

Possible Hazard Identification	Sample Disposal (A fee may be assessed if samples are retained longer than 1 month)
Unconfirmed	☐ Return To Client ☐ Disposal By Lab ☐ Archive For _____ Months
Deliverable Requested: I, II, III, IV, Other (specify) Primary Deliverable Rank: 1	Special Instructions/QC Requirements:

Empty Kit Relinquished by:	Date:	Time:	Method of Shipment:

	Relinquished by:	Date/Time:	Company	Received by:	Date/Time:	Company
1		10/13/25 1615			10/13/25 1615	EL
2		10/13/25 1932	EL			
3				ALEXP	10/13/25 1932	ECL

Custody Seals Intact: Δ Yes Δ No	Custody Seal No.:	Cooler Temperature(s) °C and Other Remarks: R: 2.9 C: 2.8

Ver: 10/10/2024

Login Sample Receipt Checklist

Client: Haley & Aldrich, Inc.

Job Number: 460-337049-1

Login Number: 337049
List Number: 1
Creator: Rivera, Kenneth

List Source: Eurofins Edison

Question	Answer	Comment
Radioactivity wasn't checked or is </= background as measured by a survey meter.	N/A	
The cooler's custody seal, if present, is intact.	True	
Sample custody seals, if present, are intact.	True	
The cooler or samples do not appear to have been compromised or tampered with.	True	
Samples were received on ice.	True	
Cooler Temperature is acceptable.	True	
Cooler Temperature is recorded.	True	
COC is present.	True	
COC is filled out in ink and legible.	True	
COC is filled out with all pertinent information.	True	
Is the Field Sampler's name present on COC?	True	
There are no discrepancies between the containers received and the COC.	True	
Samples are received within Holding Time (excluding tests with immediate HTs)	True	
Sample containers have legible labels.	True	
Containers are not broken or leaking.	True	
Sample collection date/times are provided.	True	
Appropriate sample containers are used.	True	
Sample bottles are completely filled.	True	
Sample Preservation Verified.	True	
There is sufficient vol. for all requested analyses, incl. any requested MS/MSDs	True	
Containers requiring zero headspace have no headspace or bubble is <6mm (1/4").	True	
Multiphasic samples are not present.	True	
Samples do not require splitting or compositing.	True	
Residual Chlorine Checked.	N/A	

Login Sample Receipt Checklist

Client: Haley & Aldrich, Inc.

Job Number: 460-337049-1

Login Number: 337049
List Number: 2
Creator: Fuehrer, Stephanie

List Source: Eurofins Lancaster Laboratories Environment Testing, LLC
List Creation: 10/14/25 07:36 AM

Question	Answer	Comment
The cooler's custody seal is intact.	N/A	
The cooler or samples do not appear to have been compromised or tampered with.	True	
Samples were received on ice.	True	
Cooler Temperature acceptable,where thermal pres is required(</=6C, not frozen).	True	
Cooler Temperature is recorded.	True	
WV:Container Temp acceptable,where thermal pres is required (</=6C, not frozen).	N/A	
WV: Container Temperature is recorded.	N/A	
COC is present.	True	
COC is filled out in ink and legible.	True	
COC is filled out with all pertinent information.	True	
There are no discrepancies between the containers received and the COC.	True	
Sample containers have legible labels.	True	
Containers are not broken or leaking.	True	
Sample collection date/times are provided.	True	
Appropriate sample containers are used.	True	
Sample bottles are completely filled.	True	
There is sufficient vol. for all requested analyses.	True	
Is the Field Sampler's name present on COC?	False	Received project as a subcontract.
Sample custody seals are intact.	N/A	
VOA sample vials do not have headspace >6mm in diameter (none, if from WV)?	N/A	

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ANALYTICAL REPORT

PREPARED FOR

Attn: Sarah Commisso
Haley & Aldrich, Inc.
213 West 35th Street, 7th Floor
New York, New York 10001

Generated 10/21/2025 10:24:58 AM

JOB DESCRIPTION

Former Port Mobil

JOB NUMBER

460-337134-1

Eurofins Edison
777 New Durham Road
Edison NJ 08817

See page two for job notes and contact information.

Eurofins Edison

Job Notes

This report may not be reproduced except in full, and with written approval from the laboratory. The results relate only to the samples tested. For questions please contact the Project Manager at the e-mail address or telephone number listed on this page.

The test results in this report relate only to the samples as received by the laboratory and will meet all requirements of the methodology, with any exceptions noted. This report shall not be reproduced except in full, without the express written approval of the laboratory. All questions should be directed to the Eurofins Environment Testing Northeast, LLC Project Manager.

Compliance Statement

I certify that this data package is in compliance with the terms and conditions of the contract, both technically and for completeness, for other than the conditions detailed within the body of this report. Release of the data contained in this sample data package and in the electronic data deliverable has been authorized by the Laboratory Manager or his/her designee, as verified by the following signature.

Authorization

Generated
10/21/2025 10:24:58 AM

Authorized for release by
Elizabeth Flannery, Project Manager I
Elizabeth.Flannery@et.eurofinsus.com
(732)549-3900

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Qualifiers

GC/MS VOA

Qualifier	Qualifier Description
*	LCS or LCSD is outside acceptance limits.
J	Indicates an estimated value.
U	Analyzed for but not detected.

GC/MS Semi VOA

Qualifier	Qualifier Description
*	MS or MSD is outside acceptance limits.
*	Duplicate RPD exceeds control limits
E	Compound concentration exceeds the upper level of the calibration range of the instrument for that specific analysis.
J	Indicates an estimated value.
U	Analyzed for but not detected.

GC Semi VOA

Qualifier	Qualifier Description
*	MS or MSD is outside acceptance limits.
p	The %RPD between the primary and confirmation column/detector is >40%. The lower value has been reported.
U	Analyzed for but not detected.

LCMS

Qualifier	Qualifier Description
J	Indicates an estimated value.
U	Analyzed for but not detected.

Metals

Qualifier	Qualifier Description
*	Duplicate analysis not within control limits.
4	MS, MSD: The analyte present in the original sample is greater than 4 times the matrix spike concentration; therefore, control limits are not applicable.
J	Sample result is greater than the MDL but below the CRDL
N	Spiked sample recovery is not within control limits.
U	Indicates analyzed for but not detected.

General Chemistry

Qualifier	Qualifier Description
*	Duplicate analysis not within control limits.

Glossary

Abbreviation	These commonly used abbreviations may or may not be present in this report.
☼	Listed under the "D" column to designate that the result is reported on a dry weight basis
%R	Percent Recovery
CFL	Contains Free Liquid
CFU	Colony Forming Unit
CNF	Contains No Free Liquid
DER	Duplicate Error Ratio (normalized absolute difference)
Dil Fac	Dilution Factor
DL	Detection Limit (DoD/DOE)
DL, RA, RE, IN	Indicates a Dilution, Re-analysis, Re-extraction, or additional Initial metals/anion analysis of the sample
DLC	Decision Level Concentration (Radiochemistry)
EDL	Estimated Detection Limit (Dioxin)
LOD	Limit of Detection (DoD/DOE)
LOQ	Limit of Quantitation (DoD/DOE)
MCL	EPA recommended "Maximum Contaminant Level"
MDA	Minimum Detectable Activity (Radiochemistry)
MDC	Minimum Detectable Concentration (Radiochemistry)
MDL	Method Detection Limit
ML	Minimum Level (Dioxin)

Glossary (Continued)

Abbreviation	These commonly used abbreviations may or may not be present in this report.
MPN	Most Probable Number
MQL	Method Quantitation Limit
NC	Not Calculated
ND	Not Detected at the reporting limit (or MDL or EDL if shown)
NEG	Negative / Absent
POS	Positive / Present
PQL	Practical Quantitation Limit
PRES	Presumptive
QC	Quality Control
RER	Relative Error Ratio (Radiochemistry)
RL	Reporting Limit or Requested Limit (Radiochemistry)
RPD	Relative Percent Difference, a measure of the relative difference between two points
TEF	Toxicity Equivalent Factor (Dioxin)
TEQ	Toxicity Equivalent Quotient (Dioxin)
TNTC	Too Numerous To Count

Job Narrative
460-337134-1

The analytical test results presented in this report meet all requirements of the associated regulatory program listed on the Accreditation/Certification Summary Page, unless otherwise noted. Data qualifiers and/or narrative comments are included to explain any exceptions, if applicable. Regulated compliance samples (e.g. SDWA, NPDES) must comply with associated agency requirements/permits.

- Matrix-specific batch QC (e.g., MS, MSD, SD) may not be reported when insufficient sample volume is available or when site-specific QC samples are not submitted. In such cases, a Laboratory Control Sample Duplicate (LCSD) may be analyzed to provide precision data for the batch.
- For samples analyzed using surrogate and/or isotope dilution analytes, any recoveries falling outside of established acceptance criteria are re-prepared and/or re-analyzed to confirm results, unless the deviation is due to sample dilution or otherwise explained in the case narrative.

Receipt
The samples were received on 10/13/2025 3:00 PM. Unless otherwise noted below, the samples arrived in good condition, and, where required, properly preserved and on ice. The temperature of the cooler at receipt time was 2.2°C.

Method 8260D - Volatile Organic Compounds by GC/MS
Samples 20A1_4-5 (460-337134-5), 20A2_1-2 (460-337134-6), 20A3_2-3 (460-337134-7), 20A1_5-6 (460-337134-8), 20A2_6-7 (460-337134-9), 20A3_7-8 (460-337134-10), 20A1_3-4 (460-337134-11), 41A1_5-6 (460-337134-12), 41A2_1-2 (460-337134-13), 41A3_2-3 (460-337134-14), 41A4_3-4 (460-337134-15), 41A5_4-5 (460-337134-16), 41A6_5-6 (460-337134-17) and 41A7_2-3 (460-337134-18) were analyzed for Volatile Organic Compounds by GC/MS. The samples were prepared on 10/15/2025 and analyzed on 10/15/2025 and 10/16/2025.

The continuing calibration verification (CCV) analyzed in batch 460-1068561 was outside the method criteria for the following analytes: 1,1,2,2-Tetrachloroethane, 1,1,2-Trichloroethane and Ethylene Dibromide (biased high) and 1,1-Dichloroethane and Chloromethane (biased low). A CCV standard at or below the reporting limit (RL) was analyzed with the affected samples and found to be acceptable. As indicated in the reference method, sample analysis may proceed; however, any detection for the affected analytes is considered estimated.

The laboratory control sample (LCS) and / or laboratory control sample duplicate (LCSD) for analytical batch 460-1068561 recovered outside control limits for the following analytes: 1,1,2-Trichloroethane, 4-Methyl-2-pentanone (MIBK), Dichlorodifluoromethane and Ethylene Dibromide. These analytes were biased high in the LCS/LCSD and were not detected in the associated samples; therefore, the data have been reported.

The continuing calibration verification (CCV) analyzed in batch 460-1068592 was outside the method criteria for the following analytes: 1,1,2,2-Tetrachloroethane, 1,1,2-Trichloroethane, Bromoform and Ethylene Dibromide (biased high) and 1,1-Dichloroethane, Carbon tetrachloride and Chloromethane (biased low). A CCV standard at or below the reporting limit (RL) was analyzed with the affected samples and found to be acceptable. As indicated in the reference method, sample analysis may proceed; however, any detection for the affected analytes is considered estimated.

The laboratory control sample (LCS) and / or laboratory control sample duplicate (LCSD) for analytical batch 460-1068592 recovered outside control limits for the following analytes: 1,1,2-Trichloroethane and Ethylene Dibromide. These analytes were biased high in the LCS/LCSD and were not detected in the associated samples; therefore, the data have been reported.

Method 8270E - Semivolatile Organic Compounds (GC/MS)
Samples 20A_0-4 (460-337134-1), 20A_4-8 (460-337134-2), 41A_0-3 (460-337134-3) and 41A_3-6 (460-337134-4) were analyzed for Semivolatile Organic Compounds (GC/MS). The samples were prepared on 10/15/2025 and analyzed on 10/16/2025.

The continuing calibration verification (CCV) analyzed in batch 460-1068574 was outside the method criteria for the following analyte(s): Benzaldehyde. A CCV standard at or below the reporting limit (RL) was analyzed with the affected samples and found to be acceptable. As indicated in the reference method, sample analysis may proceed; however, any detection for the affected analyte(s) is considered estimated.

Method 8082A - Polychlorinated Biphenyls (PCBs) by Gas Chromatography
Samples 20A_0-4 (460-337134-1), 20A_4-8 (460-337134-2), 41A_0-3 (460-337134-3) and 41A_3-6 (460-337134-4) were analyzed for Polychlorinated Biphenyls (PCBs) by Gas Chromatography. The samples were prepared on 10/15/2025 and

analyzed on 10/16/2025.

Method 8081B - Organochlorine Pesticides (GC)
Samples 20A_0-4 (460-337134-1), 20A_4-8 (460-337134-2), 41A_0-3 (460-337134-3) and 41A_3-6 (460-337134-4) were analyzed for Organochlorine Pesticides (GC). The samples were prepared on 10/15/2025 and analyzed on 10/16/2025.

The %RPD between the primary and confirmation column exceeded 40% for cis-Chlordane for the following sample: 20A_4-8 (460-337134-2). The lower value(s) has been reported and qualified in accordance with the laboratory's SOP.

Method 1633A - Per- and Polyfluoroalkyl Substances by LC/MS/MS, 1633A
Samples 20A_0-4 (460-337134-1), 20A_4-8 (460-337134-2), 41A_0-3 (460-337134-3) and 41A_3-6 (460-337134-4) were analyzed for Per- and Polyfluoroalkyl Substances by LC/MS/MS, 1633A. The samples were prepared on 10/17/2025 and analyzed on 10/20/2025.

Method 6020B - Metals (ICP/MS)
Samples 20A_0-4 (460-337134-1), 20A_4-8 (460-337134-2), 41A_0-3 (460-337134-3) and 41A_3-6 (460-337134-4) were analyzed for Metals (ICP/MS). The samples were prepared on 10/17/2025 and analyzed on 10/18/2025.

Method 7471B - Mercury (CVAA)
Samples 20A_0-4 (460-337134-1), 20A_4-8 (460-337134-2), 41A_0-3 (460-337134-3) and 41A_3-6 (460-337134-4) were analyzed for Mercury (CVAA). The samples were prepared and analyzed on 10/21/2025.

Method Moisture - Percent Moisture
Samples 20A_0-4 (460-337134-1), 20A_4-8 (460-337134-2), 41A_0-3 (460-337134-3), 41A_3-6 (460-337134-4), 20A1_4-5 (460-337134-5), 20A2_1-2 (460-337134-6), 20A3_2-3 (460-337134-7), 20A1_5-6 (460-337134-8), 20A2_6-7 (460-337134-9), 20A3_7-8 (460-337134-10), 20A1_3-4 (460-337134-11), 41A1_5-6 (460-337134-12), 41A2_1-2 (460-337134-13), 41A3_2-3 (460-337134-14), 41A4_3-4 (460-337134-15), 41A5_4-5 (460-337134-16), 41A6_5-6 (460-337134-17) and 41A7_2-3 (460-337134-18) were analyzed for Percent Moisture. The samples were analyzed on 10/16/2025.

Detection Summary

Client: Haley & Aldrich, Inc.
Project/Site: Former Port Mobil

Job ID: 460-337134-1

Client Sample ID: 20A_0-4

Lab Sample ID: 460-337134-1

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
2-Methylnaphthalene	0.28	J	0.36	0.010	mg/Kg	1	☼	8270E	Total/NA
Acenaphthene	0.076	J	0.36	0.010	mg/Kg	1	☼	8270E	Total/NA
Acenaphthylene	0.031	J	0.36	0.010	mg/Kg	1	☼	8270E	Total/NA
Anthracene	0.074	J	0.36	0.011	mg/Kg	1	☼	8270E	Total/NA
Benzo[a]anthracene	0.22		0.036	0.027	mg/Kg	1	☼	8270E	Total/NA
Benzo[a]pyrene	0.21		0.036	0.0097	mg/Kg	1	☼	8270E	Total/NA
Benzo[b]fluoranthene	0.28		0.036	0.0094	mg/Kg	1	☼	8270E	Total/NA
Benzo[g,h,i]perylene	0.10	J	0.36	0.011	mg/Kg	1	☼	8270E	Total/NA
Benzo[k]fluoranthene	0.092		0.036	0.0071	mg/Kg	1	☼	8270E	Total/NA
Bis(2-ethylhexyl) phthalate	0.044	J	0.36	0.019	mg/Kg	1	☼	8270E	Total/NA
Carbazole	0.018	J	0.36	0.014	mg/Kg	1	☼	8270E	Total/NA
Chrysene	0.27	J	0.36	0.015	mg/Kg	1	☼	8270E	Total/NA
Dibenz(a,h)anthracene	0.030	J	0.036	0.016	mg/Kg	1	☼	8270E	Total/NA
Fluoranthene	0.45		0.36	0.013	mg/Kg	1	☼	8270E	Total/NA
Fluorene	0.082	J	0.36	0.011	mg/Kg	1	☼	8270E	Total/NA
Indeno[1,2,3-cd]pyrene	0.10		0.036	0.014	mg/Kg	1	☼	8270E	Total/NA
Naphthalene	0.021	J	0.36	0.0063	mg/Kg	1	☼	8270E	Total/NA
Phenanthrene	0.39		0.36	0.015	mg/Kg	1	☼	8270E	Total/NA
Pyrene	0.45		0.36	0.0090	mg/Kg	1	☼	8270E	Total/NA
Perfluorooctanesulfonic acid (PFOS)	0.13	J	0.19	0.096	ug/Kg	1	☼	1633A	Total/NA
Aluminum	5230		17.5	4.8	mg/Kg	1	☼	6020B	Total/NA
Antimony	0.38	J	0.88	0.13	mg/Kg	1	☼	6020B	Total/NA
Arsenic	3.4		0.88	0.090	mg/Kg	1	☼	6020B	Total/NA
Barium	41.3		1.8	0.13	mg/Kg	1	☼	6020B	Total/NA
Beryllium	0.24	J	0.35	0.019	mg/Kg	1	☼	6020B	Total/NA
Cadmium	0.16	J	0.88	0.099	mg/Kg	1	☼	6020B	Total/NA
Calcium	39100		87.7	8.5	mg/Kg	1	☼	6020B	Total/NA
Chromium	12.9		1.8	0.26	mg/Kg	1	☼	6020B	Total/NA
Cobalt	3.3		0.88	0.13	mg/Kg	1	☼	6020B	Total/NA
Copper	19.8		1.8	0.32	mg/Kg	1	☼	6020B	Total/NA
Iron	8930		52.6	6.7	mg/Kg	1	☼	6020B	Total/NA
Lead	42.7		0.53	0.18	mg/Kg	1	☼	6020B	Total/NA
Magnesium	10800		87.7	8.9	mg/Kg	1	☼	6020B	Total/NA
Manganese	194		3.5	0.35	mg/Kg	1	☼	6020B	Total/NA
Nickel	10		1.8	0.16	mg/Kg	1	☼	6020B	Total/NA
Potassium	505		87.7	14.2	mg/Kg	1	☼	6020B	Total/NA
Selenium	0.15	J	1.1	0.11	mg/Kg	1	☼	6020B	Total/NA
Silver	0.080	J	0.35	0.078	mg/Kg	1	☼	6020B	Total/NA
Sodium	147		87.7	40.1	mg/Kg	1	☼	6020B	Total/NA
Thallium	0.048	J	0.35	0.036	mg/Kg	1	☼	6020B	Total/NA
Vanadium	15.8		1.8	0.18	mg/Kg	1	☼	6020B	Total/NA
Zinc	49.1		7.0	0.96	mg/Kg	1	☼	6020B	Total/NA
Mercury	0.069		0.017	0.0082	mg/Kg	1	☼	7471B	Total/NA

Client Sample ID: 20A_4-8

Lab Sample ID: 460-337134-2

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
2-Methylnaphthalene	0.017	J	0.39	0.011	mg/Kg	1	☼	8270E	Total/NA
Acenaphthene	0.041	J	0.39	0.011	mg/Kg	1	☼	8270E	Total/NA
Acenaphthylene	0.066	J	0.39	0.011	mg/Kg	1	☼	8270E	Total/NA
Anthracene	0.13	J	0.39	0.012	mg/Kg	1	☼	8270E	Total/NA

This Detection Summary does not include radiochemical test results.

Client Sample ID: 20A_4-8 (Continued)

Lab Sample ID: 460-337134-2

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Benzo[a]anthracene	0.21		0.039	0.030	mg/Kg	1	☼	8270E	Total/NA
Benzo[a]pyrene	0.23		0.039	0.011	mg/Kg	1	☼	8270E	Total/NA
Benzo[b]fluoranthene	0.31		0.039	0.010	mg/Kg	1	☼	8270E	Total/NA
Benzo[g,h,i]perylene	0.13	J	0.39	0.012	mg/Kg	1	☼	8270E	Total/NA
Benzo[k]fluoranthene	0.11		0.039	0.0077	mg/Kg	1	☼	8270E	Total/NA
Bis(2-ethylhexyl) phthalate	0.026	J	0.39	0.021	mg/Kg	1	☼	8270E	Total/NA
Butyl benzyl phthalate	0.051	J	0.39	0.018	mg/Kg	1	☼	8270E	Total/NA
Carbazole	0.038	J	0.39	0.015	mg/Kg	1	☼	8270E	Total/NA
Chrysene	0.25	J	0.39	0.017	mg/Kg	1	☼	8270E	Total/NA
Dibenz(a,h)anthracene	0.032	J	0.039	0.017	mg/Kg	1	☼	8270E	Total/NA
Dibenzofuran	0.016	J	0.39	0.013	mg/Kg	1	☼	8270E	Total/NA
Fluoranthene	0.46		0.39	0.014	mg/Kg	1	☼	8270E	Total/NA
Fluorene	0.029	J	0.39	0.012	mg/Kg	1	☼	8270E	Total/NA
Indeno[1,2,3-cd]pyrene	0.12		0.039	0.015	mg/Kg	1	☼	8270E	Total/NA
Naphthalene	0.028	J	0.39	0.0068	mg/Kg	1	☼	8270E	Total/NA
Phenanthrene	0.23	J	0.39	0.016	mg/Kg	1	☼	8270E	Total/NA
Pyrene	0.44		0.39	0.0098	mg/Kg	1	☼	8270E	Total/NA
Chlordane (technical)	0.18		0.080	0.019	mg/Kg	1	☼	8081B	Total/NA
cis-Chlordane	0.016	p	0.0080	0.0013	mg/Kg	1	☼	8081B	Total/NA
Dieldrin	0.014		0.0024	0.0010	mg/Kg	1	☼	8081B	Total/NA
Perfluorooctanesulfonic acid (PFOS)	0.11	J	0.19	0.096	ug/Kg	1	☼	1633A	Total/NA
Aluminum	6270		18.4	5.0	mg/Kg	1	☼	6020B	Total/NA
Antimony	0.71	J	0.92	0.13	mg/Kg	1	☼	6020B	Total/NA
Arsenic	4.3		0.92	0.095	mg/Kg	1	☼	6020B	Total/NA
Barium	40.0		1.8	0.13	mg/Kg	1	☼	6020B	Total/NA
Beryllium	0.39		0.37	0.020	mg/Kg	1	☼	6020B	Total/NA
Cadmium	0.12	J	0.92	0.10	mg/Kg	1	☼	6020B	Total/NA
Calcium	10900		91.9	8.9	mg/Kg	1	☼	6020B	Total/NA
Chromium	12.7		1.8	0.27	mg/Kg	1	☼	6020B	Total/NA
Cobalt	4.9		0.92	0.14	mg/Kg	1	☼	6020B	Total/NA
Copper	20.6		1.8	0.34	mg/Kg	1	☼	6020B	Total/NA
Iron	13700		55.2	7.0	mg/Kg	1	☼	6020B	Total/NA
Lead	31.0		0.55	0.18	mg/Kg	1	☼	6020B	Total/NA
Magnesium	2530		91.9	9.4	mg/Kg	1	☼	6020B	Total/NA
Manganese	149		3.7	0.37	mg/Kg	1	☼	6020B	Total/NA
Nickel	10.1		1.8	0.16	mg/Kg	1	☼	6020B	Total/NA
Potassium	759		91.9	14.9	mg/Kg	1	☼	6020B	Total/NA
Selenium	0.17	J	1.1	0.12	mg/Kg	1	☼	6020B	Total/NA
Silver	0.086	J	0.37	0.082	mg/Kg	1	☼	6020B	Total/NA
Sodium	72.7	J	91.9	42.0	mg/Kg	1	☼	6020B	Total/NA
Thallium	0.080	J	0.37	0.038	mg/Kg	1	☼	6020B	Total/NA
Vanadium	19.4		1.8	0.19	mg/Kg	1	☼	6020B	Total/NA
Zinc	43.7		7.4	1.0	mg/Kg	1	☼	6020B	Total/NA
Mercury	0.052		0.020	0.0093	mg/Kg	1	☼	7471B	Total/NA

Client Sample ID: 41A_0-3

Lab Sample ID: 460-337134-3

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Acenaphthylene	0.045	J	0.36	0.010	mg/Kg	1	☼	8270E	Total/NA
Anthracene	0.048	J	0.36	0.011	mg/Kg	1	☼	8270E	Total/NA
Benzo[a]anthracene	0.040		0.036	0.027	mg/Kg	1	☼	8270E	Total/NA

This Detection Summary does not include radiochemical test results.

Client Sample ID: 41A_0-3 (Continued)

Lab Sample ID: 460-337134-3

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Benzo[a]pyrene	0.049		0.036	0.0097	mg/Kg	1	☼	8270E	Total/NA
Benzo[b]fluoranthene	0.058		0.036	0.0094	mg/Kg	1	☼	8270E	Total/NA
Benzo[g,h,i]perylene	0.053	J	0.36	0.011	mg/Kg	1	☼	8270E	Total/NA
Benzo[k]fluoranthene	0.019	J	0.036	0.0071	mg/Kg	1	☼	8270E	Total/NA
Carbazole	0.018	J	0.36	0.014	mg/Kg	1	☼	8270E	Total/NA
Chrysene	0.043	J	0.36	0.015	mg/Kg	1	☼	8270E	Total/NA
Fluoranthene	0.060	J	0.36	0.013	mg/Kg	1	☼	8270E	Total/NA
Indeno[1,2,3-cd]pyrene	0.044		0.036	0.014	mg/Kg	1	☼	8270E	Total/NA
Naphthalene	0.014	J	0.36	0.0063	mg/Kg	1	☼	8270E	Total/NA
Phenanthrene	0.043	J	0.36	0.015	mg/Kg	1	☼	8270E	Total/NA
Pyrene	0.063	J	0.36	0.0090	mg/Kg	1	☼	8270E	Total/NA
Perfluorononanoic acid (PFNA)	0.38		0.19	0.096	ug/Kg	1	☼	1633A	Total/NA
Perfluorodecanoic acid (PFDA)	0.12	J	0.19	0.057	ug/Kg	1	☼	1633A	Total/NA
Perfluoroundecanoic acid (PFUnA)	9.60		0.19	0.096	ug/Kg	1	☼	1633A	Total/NA
Perfluorododecanoic acid (PFDoA)	0.22		0.19	0.096	ug/Kg	1	☼	1633A	Total/NA
Perfluorotridecanoic acid (PFTrDA)	3.41		0.19	0.096	ug/Kg	1	☼	1633A	Total/NA
Perfluorooctanesulfonic acid (PFOS)	0.16	J	0.19	0.096	ug/Kg	1	☼	1633A	Total/NA
Aluminum	8910		17.5	4.8	mg/Kg	1	☼	6020B	Total/NA
Antimony	0.72	J	0.88	0.13	mg/Kg	1	☼	6020B	Total/NA
Arsenic	4.5		0.88	0.090	mg/Kg	1	☼	6020B	Total/NA
Barium	51.3		1.8	0.13	mg/Kg	1	☼	6020B	Total/NA
Beryllium	0.53		0.35	0.019	mg/Kg	1	☼	6020B	Total/NA
Calcium	903		87.7	8.5	mg/Kg	1	☼	6020B	Total/NA
Chromium	14.0		1.8	0.26	mg/Kg	1	☼	6020B	Total/NA
Cobalt	6.4		0.88	0.13	mg/Kg	1	☼	6020B	Total/NA
Copper	19.9		1.8	0.32	mg/Kg	1	☼	6020B	Total/NA
Iron	17700		52.6	6.7	mg/Kg	1	☼	6020B	Total/NA
Lead	22.4		0.53	0.18	mg/Kg	1	☼	6020B	Total/NA
Magnesium	1850		87.7	8.9	mg/Kg	1	☼	6020B	Total/NA
Manganese	203		3.5	0.35	mg/Kg	1	☼	6020B	Total/NA
Nickel	11.2		1.8	0.16	mg/Kg	1	☼	6020B	Total/NA
Potassium	877		87.7	14.2	mg/Kg	1	☼	6020B	Total/NA
Selenium	0.22	J	1.1	0.11	mg/Kg	1	☼	6020B	Total/NA
Sodium	64.2	J	87.7	40.1	mg/Kg	1	☼	6020B	Total/NA
Thallium	0.10	J	0.35	0.036	mg/Kg	1	☼	6020B	Total/NA
Vanadium	23.1		1.8	0.18	mg/Kg	1	☼	6020B	Total/NA
Zinc	37.6		7.0	0.96	mg/Kg	1	☼	6020B	Total/NA
Mercury	0.029		0.019	0.0088	mg/Kg	1	☼	7471B	Total/NA

Client Sample ID: 41A_3-6

Lab Sample ID: 460-337134-4

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
2-Methylnaphthalene	0.016	J	0.38	0.011	mg/Kg	1	☼	8270E	Total/NA
Acenaphthene	0.016	J	0.38	0.011	mg/Kg	1	☼	8270E	Total/NA
Acenaphthylene	0.093	J	0.38	0.011	mg/Kg	1	☼	8270E	Total/NA
Anthracene	0.13	J	0.38	0.012	mg/Kg	1	☼	8270E	Total/NA
Benzo[a]anthracene	0.082		0.038	0.029	mg/Kg	1	☼	8270E	Total/NA
Benzo[a]pyrene	0.10		0.038	0.010	mg/Kg	1	☼	8270E	Total/NA
Benzo[b]fluoranthene	0.12		0.038	0.0099	mg/Kg	1	☼	8270E	Total/NA
Benzo[g,h,i]perylene	0.11	J	0.38	0.011	mg/Kg	1	☼	8270E	Total/NA
Benzo[k]fluoranthene	0.045		0.038	0.0075	mg/Kg	1	☼	8270E	Total/NA

This Detection Summary does not include radiochemical test results.

Client Sample ID: 41A_3-6 (Continued)

Lab Sample ID: 460-337134-4

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Carbazole	0.054	J	0.38	0.015	mg/Kg	1	☼	8270E	Total/NA
Chrysene	0.097	J	0.38	0.016	mg/Kg	1	☼	8270E	Total/NA
Dibenz(a,h)anthracene	0.019	J	0.038	0.017	mg/Kg	1	☼	8270E	Total/NA
Fluoranthene	0.16	J	0.38	0.013	mg/Kg	1	☼	8270E	Total/NA
Fluorene	0.020	J	0.38	0.011	mg/Kg	1	☼	8270E	Total/NA
Indeno[1,2,3-cd]pyrene	0.085		0.038	0.015	mg/Kg	1	☼	8270E	Total/NA
Naphthalene	0.022	J	0.38	0.0066	mg/Kg	1	☼	8270E	Total/NA
Phenanthrene	0.15	J	0.38	0.016	mg/Kg	1	☼	8270E	Total/NA
Pyrene	0.15	J	0.38	0.0095	mg/Kg	1	☼	8270E	Total/NA
Perfluorononanoic acid (PFNA)	0.36		0.20	0.099	ug/Kg	1	☼	1633A	Total/NA
Perfluorodecanoic acid (PFDA)	0.081	J	0.20	0.060	ug/Kg	1	☼	1633A	Total/NA
Perfluoroundecanoic acid (PFUnA)	5.46		0.20	0.099	ug/Kg	1	☼	1633A	Total/NA
Perfluorododecanoic acid (PFDoA)	0.23		0.20	0.099	ug/Kg	1	☼	1633A	Total/NA
Perfluorotridecanoic acid (PFTrDA)	3.83		0.20	0.099	ug/Kg	1	☼	1633A	Total/NA
Perfluorotetradecanoic acid (PFTeDA)	0.10	J	0.20	0.099	ug/Kg	1	☼	1633A	Total/NA
Perfluorooctanesulfonic acid (PFOS)	0.18	J	0.20	0.099	ug/Kg	1	☼	1633A	Total/NA
Aluminum	8780		17.6	4.8	mg/Kg	1	☼	6020B	Total/NA
Antimony	0.94		0.88	0.13	mg/Kg	1	☼	6020B	Total/NA
Arsenic	5.7		0.88	0.091	mg/Kg	1	☼	6020B	Total/NA
Barium	50.7		1.8	0.13	mg/Kg	1	☼	6020B	Total/NA
Beryllium	0.59		0.35	0.019	mg/Kg	1	☼	6020B	Total/NA
Cadmium	0.14	J	0.88	0.099	mg/Kg	1	☼	6020B	Total/NA
Calcium	2110		87.9	8.6	mg/Kg	1	☼	6020B	Total/NA
Chromium	16.5		1.8	0.26	mg/Kg	1	☼	6020B	Total/NA
Cobalt	7.7		0.88	0.13	mg/Kg	1	☼	6020B	Total/NA
Copper	29.0		1.8	0.32	mg/Kg	1	☼	6020B	Total/NA
Iron	19600		52.8	6.7	mg/Kg	1	☼	6020B	Total/NA
Lead	33.9		0.53	0.18	mg/Kg	1	☼	6020B	Total/NA
Magnesium	3020		87.9	9.0	mg/Kg	1	☼	6020B	Total/NA
Manganese	195		3.5	0.35	mg/Kg	1	☼	6020B	Total/NA
Nickel	14.2		1.8	0.16	mg/Kg	1	☼	6020B	Total/NA
Potassium	1120		87.9	14.2	mg/Kg	1	☼	6020B	Total/NA
Selenium	0.30	J	1.1	0.11	mg/Kg	1	☼	6020B	Total/NA
Silver	0.11	J	0.35	0.078	mg/Kg	1	☼	6020B	Total/NA
Sodium	96.2		87.9	40.2	mg/Kg	1	☼	6020B	Total/NA
Thallium	0.12	J	0.35	0.036	mg/Kg	1	☼	6020B	Total/NA
Vanadium	26.9		1.8	0.18	mg/Kg	1	☼	6020B	Total/NA
Zinc	49.4		7.0	0.96	mg/Kg	1	☼	6020B	Total/NA
Mercury	0.032		0.019	0.0088	mg/Kg	1	☼	7471B	Total/NA

Client Sample ID: 20A1_4-5

Lab Sample ID: 460-337134-5

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Methylene Chloride	0.0027		0.0024	0.0014	mg/Kg	1	☼	8260D	Total/NA

Client Sample ID: 20A2_1-2

Lab Sample ID: 460-337134-6

No Detections.

Client Sample ID: 20A3_2-3

Lab Sample ID: 460-337134-7

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Methylene Chloride	0.0013	J	0.0023	0.0013	mg/Kg	1	☼	8260D	Total/NA

This Detection Summary does not include radiochemical test results.

Detection Summary

Client: Haley & Aldrich, Inc.
Project/Site: Former Port Mobil

Job ID: 460-337134-1

Client Sample ID: 20A1_5-6 — Lab Sample ID: 460-337134-8

No Detections.

Client Sample ID: 20A2_6-7 — Lab Sample ID: 460-337134-9

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Acetone	0.0085		0.0056	0.0054	mg/Kg	1	☼	8260D	Total/NA
Methylene Chloride	0.0023		0.0019	0.0011	mg/Kg	1	☼	8260D	Total/NA
Xylenes, Total	0.00032	J	0.0019	0.00016	mg/Kg	1	☼	8260D	Total/NA

Client Sample ID: 20A3_7-8 — Lab Sample ID: 460-337134-10

No Detections.

Client Sample ID: 20A1_3-4 — Lab Sample ID: 460-337134-11

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Acetone	0.028		0.0088	0.0084	mg/Kg	1	☼	8260D	Total/NA
Toluene	0.00073	J	0.0015	0.00034	mg/Kg	1	☼	8260D	Total/NA

Client Sample ID: 41A1_5-6 — Lab Sample ID: 460-337134-12

No Detections.

Client Sample ID: 41A2_1-2 — Lab Sample ID: 460-337134-13

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Methylene Chloride	0.0018	J	0.0020	0.0011	mg/Kg	1	☼	8260D	Total/NA
m-Xylene & p-Xylene	0.00051	J	0.00098	0.00041	mg/Kg	1	☼	8260D	Total/NA
Xylenes, Total	0.00051	J	0.0020	0.00017	mg/Kg	1	☼	8260D	Total/NA

Client Sample ID: 41A3_2-3 — Lab Sample ID: 460-337134-14

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Toluene	0.00050	J	0.0010	0.00024	mg/Kg	1	☼	8260D	Total/NA
Xylenes, Total	0.00034	J	0.0021	0.00018	mg/Kg	1	☼	8260D	Total/NA

Client Sample ID: 41A4_3-4 — Lab Sample ID: 460-337134-15

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Toluene	0.00036	J	0.00082	0.00019	mg/Kg	1	☼	8260D	Total/NA

Client Sample ID: 41A5_4-5 — Lab Sample ID: 460-337134-16

No Detections.

Client Sample ID: 41A6_5-6 — Lab Sample ID: 460-337134-17

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Acetone	0.012		0.0059	0.0056	mg/Kg	1	☼	8260D	Total/NA

Client Sample ID: 41A7_2-3 — Lab Sample ID: 460-337134-18

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
1,2,4-Trimethylbenzene	0.00065	J	0.00075	0.00019	mg/Kg	1	☼	8260D	Total/NA
m-Xylene & p-Xylene	0.00046	J	0.00075	0.00032	mg/Kg	1	☼	8260D	Total/NA
Xylenes, Total	0.00046	J	0.0015	0.00013	mg/Kg	1	☼	8260D	Total/NA

This Detection Summary does not include radiochemical test results.

Client: Haley & Aldrich, Inc.
Project/Site: Former Port Mobil

Job ID: 460-337134-1

Client Sample ID: 20A_0-4
Date Collected: 10/13/25 09:40
Date Received: 10/13/25 15:00

Lab Sample ID: 460-337134-1
Matrix: Solid
Percent Solids: 90.5

Method: SW846 8270E - Semivolatile Organic Compounds (GC/MS)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1'-Biphenyl	0.36	U	0.36	0.013	mg/Kg	☼	10/15/25 10:39	10/16/25 06:00	1
1,2,4,5-Tetrachlorobenzene	0.36	U	0.36	0.011	mg/Kg	☼	10/15/25 10:39	10/16/25 06:00	1
1,4-Dioxane	0.036	U	0.036	0.032	mg/Kg	☼	10/15/25 10:39	10/16/25 06:00	1
2,2'-oxybis[1-chloropropane]	0.36	U	0.36	0.022	mg/Kg	☼	10/15/25 10:39	10/16/25 06:00	1
2,3,4,6-Tetrachlorophenol	0.36	U	0.36	0.025	mg/Kg	☼	10/15/25 10:39	10/16/25 06:00	1
2,4,5-Trichlorophenol	0.36	U	0.36	0.037	mg/Kg	☼	10/15/25 10:39	10/16/25 06:00	1
2,4,6-Trichlorophenol	0.15	U	0.15	0.047	mg/Kg	☼	10/15/25 10:39	10/16/25 06:00	1
2,4-Dichlorophenol	0.15	U	0.15	0.023	mg/Kg	☼	10/15/25 10:39	10/16/25 06:00	1
2,4-Dimethylphenol	0.36	U	0.36	0.043	mg/Kg	☼	10/15/25 10:39	10/16/25 06:00	1
2,4-Dinitrophenol	0.29	U	0.29	0.18	mg/Kg	☼	10/15/25 10:39	10/16/25 06:00	1
2,4-Dinitrotoluene	0.074	U	0.074	0.039	mg/Kg	☼	10/15/25 10:39	10/16/25 06:00	1
2,6-Dinitrotoluene	0.074	U	0.074	0.026	mg/Kg	☼	10/15/25 10:39	10/16/25 06:00	1
2-Chloronaphthalene	0.36	U	0.36	0.047	mg/Kg	☼	10/15/25 10:39	10/16/25 06:00	1
2-Chlorophenol	0.36	U	0.36	0.013	mg/Kg	☼	10/15/25 10:39	10/16/25 06:00	1
2-Methylnaphthalene	**0.28**	**J**	0.36	0.010	mg/Kg	☼	10/15/25 10:39	10/16/25 06:00	1
2-Methylphenol	0.36	U	0.36	0.014	mg/Kg	☼	10/15/25 10:39	10/16/25 06:00	1
2-Nitroaniline	0.36	U	0.36	0.028	mg/Kg	☼	10/15/25 10:39	10/16/25 06:00	1
2-Nitrophenol	0.36	U	0.36	0.036	mg/Kg	☼	10/15/25 10:39	10/16/25 06:00	1
3 & 4 Methylphenol	0.36	U	0.36	0.023	mg/Kg	☼	10/15/25 10:39	10/16/25 06:00	1
3,3'-Dichlorobenzidine	0.15	U	0.15	0.055	mg/Kg	☼	10/15/25 10:39	10/16/25 06:00	1
3-Nitroaniline	0.36	U	0.36	0.086	mg/Kg	☼	10/15/25 10:39	10/16/25 06:00	1
4,6-Dinitro-2-methylphenol	0.29	U	0.29	0.15	mg/Kg	☼	10/15/25 10:39	10/16/25 06:00	1
4-Bromophenyl phenyl ether	0.36	U	0.36	0.014	mg/Kg	☼	10/15/25 10:39	10/16/25 06:00	1
4-Chloro-3-methylphenol	0.36	U	0.36	0.020	mg/Kg	☼	10/15/25 10:39	10/16/25 06:00	1
4-Chloroaniline	0.36	U	0.36	0.065	mg/Kg	☼	10/15/25 10:39	10/16/25 06:00	1
4-Chlorophenyl phenyl ether	0.36	U	0.36	0.013	mg/Kg	☼	10/15/25 10:39	10/16/25 06:00	1
4-Methylphenol	0.36	U	0.36	0.023	mg/Kg	☼	10/15/25 10:39	10/16/25 06:00	1
4-Nitroaniline	0.36	U	0.36	0.092	mg/Kg	☼	10/15/25 10:39	10/16/25 06:00	1
4-Nitrophenol	0.74	U	0.74	0.059	mg/Kg	☼	10/15/25 10:39	10/16/25 06:00	1
Acenaphthene	**0.076**	**J**	0.36	0.010	mg/Kg	☼	10/15/25 10:39	10/16/25 06:00	1
Acenaphthylene	**0.031**	**J**	0.36	0.010	mg/Kg	☼	10/15/25 10:39	10/16/25 06:00	1
Acetophenone	0.36	U	0.36	0.018	mg/Kg	☼	10/15/25 10:39	10/16/25 06:00	1
Anthracene	**0.074**	**J**	0.36	0.011	mg/Kg	☼	10/15/25 10:39	10/16/25 06:00	1
Atrazine	0.15	U	0.15	0.021	mg/Kg	☼	10/15/25 10:39	10/16/25 06:00	1
Benzaldehyde	0.36	U	0.36	0.060	mg/Kg	☼	10/15/25 10:39	10/16/25 06:00	1
Benzo[a]anthracene	**0.22**		0.036	0.027	mg/Kg	☼	10/15/25 10:39	10/16/25 06:00	1
Benzo[a]pyrene	**0.21**		0.036	0.0097	mg/Kg	☼	10/15/25 10:39	10/16/25 06:00	1
Benzo[b]fluoranthene	**0.28**		0.036	0.0094	mg/Kg	☼	10/15/25 10:39	10/16/25 06:00	1
Benzo[g,h,i]perylene	**0.10**	**J**	0.36	0.011	mg/Kg	☼	10/15/25 10:39	10/16/25 06:00	1
Benzo[k]fluoranthene	**0.092**		0.036	0.0071	mg/Kg	☼	10/15/25 10:39	10/16/25 06:00	1
Bis(2-chloroethoxy)methane	0.36	U	0.36	0.067	mg/Kg	☼	10/15/25 10:39	10/16/25 06:00	1
Bis(2-chloroethyl)ether	0.036	U	0.036	0.013	mg/Kg	☼	10/15/25 10:39	10/16/25 06:00	1
Bis(2-ethylhexyl) phthalate	**0.044**	**J**	0.36	0.019	mg/Kg	☼	10/15/25 10:39	10/16/25 06:00	1
Butyl benzyl phthalate	0.36	U	0.36	0.017	mg/Kg	☼	10/15/25 10:39	10/16/25 06:00	1
Caprolactam	0.36	U	0.36	0.057	mg/Kg	☼	10/15/25 10:39	10/16/25 06:00	1
Carbazole	**0.018**	**J**	0.36	0.014	mg/Kg	☼	10/15/25 10:39	10/16/25 06:00	1
Chrysene	**0.27**	**J**	0.36	0.015	mg/Kg	☼	10/15/25 10:39	10/16/25 06:00	1
Dibenz(a,h)anthracene	**0.030**	**J**	0.036	0.016	mg/Kg	☼	10/15/25 10:39	10/16/25 06:00	1
Dibenzofuran	0.36	U	0.36	0.012	mg/Kg	☼	10/15/25 10:39	10/16/25 06:00	1

Client Sample ID: 20A_0-4
Date Collected: 10/13/25 09:40
Date Received: 10/13/25 15:00

Lab Sample ID: 460-337134-1
Matrix: Solid
Percent Solids: 90.5

Method: SW846 8270E - Semivolatile Organic Compounds (GC/MS) (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Diethyl phthalate	0.36	U	0.36	0.012	mg/Kg	☼	10/15/25 10:39	10/16/25 06:00	1
Dimethyl phthalate	0.36	U	0.36	0.083	mg/Kg	☼	10/15/25 10:39	10/16/25 06:00	1
Di-n-butyl phthalate	0.36	U	0.36	0.014	mg/Kg	☼	10/15/25 10:39	10/16/25 06:00	1
Di-n-octyl phthalate	0.36	U	0.36	0.019	mg/Kg	☼	10/15/25 10:39	10/16/25 06:00	1
Fluoranthene	**0.45**		0.36	0.013	mg/Kg	☼	10/15/25 10:39	10/16/25 06:00	1
Fluorene	**0.082**	**J**	0.36	0.011	mg/Kg	☼	10/15/25 10:39	10/16/25 06:00	1
Hexachlorobenzene	0.036	U	0.036	0.017	mg/Kg	☼	10/15/25 10:39	10/16/25 06:00	1
Hexachlorobutadiene	0.074	U	0.074	0.0077	mg/Kg	☼	10/15/25 10:39	10/16/25 06:00	1
Hexachlorocyclopentadiene	0.36	U	0.36	0.032	mg/Kg	☼	10/15/25 10:39	10/16/25 06:00	1
Hexachloroethane	0.036	U	0.036	0.012	mg/Kg	☼	10/15/25 10:39	10/16/25 06:00	1
Indeno[1,2,3-cd]pyrene	**0.10**		0.036	0.014	mg/Kg	☼	10/15/25 10:39	10/16/25 06:00	1
Isophorone	0.15	U	0.15	0.11	mg/Kg	☼	10/15/25 10:39	10/16/25 06:00	1
Naphthalene	**0.021**	**J**	0.36	0.0063	mg/Kg	☼	10/15/25 10:39	10/16/25 06:00	1
Nitrobenzene	0.036	U	0.036	0.020	mg/Kg	☼	10/15/25 10:39	10/16/25 06:00	1
N-Nitrosodi-n-propylamine	0.036	U	0.036	0.026	mg/Kg	☼	10/15/25 10:39	10/16/25 06:00	1
N-Nitrosodiphenylamine	0.36	U	0.36	0.030	mg/Kg	☼	10/15/25 10:39	10/16/25 06:00	1
Pentachlorophenol	0.29	U	0.29	0.075	mg/Kg	☼	10/15/25 10:39	10/16/25 06:00	1
Phenanthrene	**0.39**		0.36	0.015	mg/Kg	☼	10/15/25 10:39	10/16/25 06:00	1
Phenol	0.36	U	0.36	0.013	mg/Kg	☼	10/15/25 10:39	10/16/25 06:00	1
Pyrene	**0.45**		0.36	0.0090	mg/Kg	☼	10/15/25 10:39	10/16/25 06:00	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
2,4,6-Tribromophenol (Surr)	*45*		*18 - 137*	*10/15/25 10:39*	*10/16/25 06:00*	*1*
2-Fluorobiphenyl	*70*		*33 - 117*	*10/15/25 10:39*	*10/16/25 06:00*	*1*
2-Fluorophenol (Surr)	*67*		*24 - 120*	*10/15/25 10:39*	*10/16/25 06:00*	*1*
Nitrobenzene-d5 (Surr)	*65*		*27 - 120*	*10/15/25 10:39*	*10/16/25 06:00*	*1*
Phenol-d5 (Surr)	*68*		*28 - 118*	*10/15/25 10:39*	*10/16/25 06:00*	*1*
Terphenyl-d14 (Surr)	*68*		*33 - 124*	*10/15/25 10:39*	*10/16/25 06:00*	*1*

Method: SW846 8081B - Organochlorine Pesticides (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
4,4'-DDD	0.0074	U	0.0074	0.0013	mg/Kg	☼	10/15/25 10:08	10/16/25 05:41	1
4,4'-DDE	0.0074	U	0.0074	0.00087	mg/Kg	☼	10/15/25 10:08	10/16/25 05:41	1
4,4'-DDT	0.0074	U	0.0074	0.0014	mg/Kg	☼	10/15/25 10:08	10/16/25 05:41	1
Aldrin	0.0074	U	0.0074	0.0011	mg/Kg	☼	10/15/25 10:08	10/16/25 05:41	1
alpha-BHC	0.0022	U	0.0022	0.00075	mg/Kg	☼	10/15/25 10:08	10/16/25 05:41	1
beta-BHC	0.0022	U	0.0022	0.00083	mg/Kg	☼	10/15/25 10:08	10/16/25 05:41	1
Chlordane (technical)	0.074	U	0.074	0.018	mg/Kg	☼	10/15/25 10:08	10/16/25 05:41	1
cis-Chlordane	0.0074	U	0.0074	0.0012	mg/Kg	☼	10/15/25 10:08	10/16/25 05:41	1
delta-BHC	0.0022	U	0.0022	0.00045	mg/Kg	☼	10/15/25 10:08	10/16/25 05:41	1
Dieldrin	0.0022	U	0.0022	0.00096	mg/Kg	☼	10/15/25 10:08	10/16/25 05:41	1
Endosulfan I	0.0074	U	0.0074	0.0011	mg/Kg	☼	10/15/25 10:08	10/16/25 05:41	1
Endosulfan II	0.0074	U	0.0074	0.0019	mg/Kg	☼	10/15/25 10:08	10/16/25 05:41	1
Endosulfan sulfate	0.0074	U	0.0074	0.00093	mg/Kg	☼	10/15/25 10:08	10/16/25 05:41	1
Endrin	0.0074	U	0.0074	0.0011	mg/Kg	☼	10/15/25 10:08	10/16/25 05:41	1
Endrin aldehyde	0.0074	U	0.0074	0.0017	mg/Kg	☼	10/15/25 10:08	10/16/25 05:41	1
Endrin ketone	0.0074	U	0.0074	0.0014	mg/Kg	☼	10/15/25 10:08	10/16/25 05:41	1
gamma-BHC (Lindane)	0.0022	U	0.0022	0.00068	mg/Kg	☼	10/15/25 10:08	10/16/25 05:41	1
Heptachlor	0.0074	U	0.0074	0.00087	mg/Kg	☼	10/15/25 10:08	10/16/25 05:41	1
Heptachlor epoxide	0.0074	U	0.0074	0.0011	mg/Kg	☼	10/15/25 10:08	10/16/25 05:41	1

Client Sample ID: 20A_0-4
Date Collected: 10/13/25 09:40
Date Received: 10/13/25 15:00

Lab Sample ID: 460-337134-1
Matrix: Solid
Percent Solids: 90.5

Method: SW846 8081B - Organochlorine Pesticides (GC) (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Methoxychlor	0.0074	U	0.0074	0.0017	mg/Kg	☼	10/15/25 10:08	10/16/25 05:41	1
Toxaphene	0.074	U	0.074	0.027	mg/Kg	☼	10/15/25 10:08	10/16/25 05:41	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
DCB Decachlorobiphenyl	*49*		*10 - 150*	*10/15/25 10:08*	*10/16/25 05:41*	*1*
DCB Decachlorobiphenyl	*50*		*10 - 150*	*10/15/25 10:08*	*10/16/25 05:41*	*1*
Tetrachloro-m-xylene	*67*		*14 - 150*	*10/15/25 10:08*	*10/16/25 05:41*	*1*
Tetrachloro-m-xylene	*66*		*14 - 150*	*10/15/25 10:08*	*10/16/25 05:41*	*1*

Method: SW846 8082A - Polychlorinated Biphenyls (PCBs) by Gas Chromatography

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Aroclor 1016	0.074	U	0.074	0.020	mg/Kg	☼	10/15/25 10:13	10/16/25 00:12	1
Aroclor 1221	0.074	U	0.074	0.020	mg/Kg	☼	10/15/25 10:13	10/16/25 00:12	1
Aroclor 1232	0.074	U	0.074	0.020	mg/Kg	☼	10/15/25 10:13	10/16/25 00:12	1
Aroclor 1242	0.074	U	0.074	0.020	mg/Kg	☼	10/15/25 10:13	10/16/25 00:12	1
Aroclor 1248	0.074	U	0.074	0.020	mg/Kg	☼	10/15/25 10:13	10/16/25 00:12	1
Aroclor 1254	0.074	U	0.074	0.020	mg/Kg	☼	10/15/25 10:13	10/16/25 00:12	1
Aroclor 1260	0.074	U	0.074	0.020	mg/Kg	☼	10/15/25 10:13	10/16/25 00:12	1
Aroclor-1262	0.074	U	0.074	0.020	mg/Kg	☼	10/15/25 10:13	10/16/25 00:12	1
Aroclor 1268	0.074	U	0.074	0.020	mg/Kg	☼	10/15/25 10:13	10/16/25 00:12	1
Polychlorinated biphenyls, Total	0.074	U	0.074	0.020	mg/Kg	☼	10/15/25 10:13	10/16/25 00:12	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
DCB Decachlorobiphenyl	*65*		*10 - 150*	*10/15/25 10:13*	*10/16/25 00:12*	*1*
DCB Decachlorobiphenyl	*64*		*10 - 150*	*10/15/25 10:13*	*10/16/25 00:12*	*1*
Tetrachloro-m-xylene	*80*		*10 - 150*	*10/15/25 10:13*	*10/16/25 00:12*	*1*
Tetrachloro-m-xylene	*86*		*10 - 150*	*10/15/25 10:13*	*10/16/25 00:12*	*1*

Method: EPA 1633A - Per- and Polyfluoroalkyl Substances by LC/MS/MS, 1633A

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Perfluorobutanoic acid (PFBA)	0.38	U	0.38	0.096	ug/Kg	☼	10/17/25 14:07	10/20/25 16:41	1
Perfluoropentanoic acid (PFPeA)	0.19	U	0.19	0.096	ug/Kg	☼	10/17/25 14:07	10/20/25 16:41	1
Perfluorohexanoic acid (PFHxA)	0.19	U	0.19	0.096	ug/Kg	☼	10/17/25 14:07	10/20/25 16:41	1
Perfluoroheptanoic acid (PFHpA)	0.19	U	0.19	0.096	ug/Kg	☼	10/17/25 14:07	10/20/25 16:41	1
Perfluorooctanoic acid (PFOA)	0.19	U	0.19	0.057	ug/Kg	☼	10/17/25 14:07	10/20/25 16:41	1
Perfluorononanoic acid (PFNA)	0.19	U	0.19	0.096	ug/Kg	☼	10/17/25 14:07	10/20/25 16:41	1
Perfluorodecanoic acid (PFDA)	0.19	U	0.19	0.057	ug/Kg	☼	10/17/25 14:07	10/20/25 16:41	1
Perfluoroundecanoic acid (PFUnA)	0.19	U	0.19	0.096	ug/Kg	☼	10/17/25 14:07	10/20/25 16:41	1
Perfluorododecanoic acid (PFDoA)	0.19	U	0.19	0.096	ug/Kg	☼	10/17/25 14:07	10/20/25 16:41	1
Perfluorotridecanoic acid (PFTrDA)	0.19	U	0.19	0.096	ug/Kg	☼	10/17/25 14:07	10/20/25 16:41	1
Perfluorotetradecanoic acid (PFTeDA)	0.19	U	0.19	0.096	ug/Kg	☼	10/17/25 14:07	10/20/25 16:41	1
Perfluorobutanesulfonic acid (PFBS)	0.19	U	0.19	0.096	ug/Kg	☼	10/17/25 14:07	10/20/25 16:41	1
Perfluoropentanesulfonic acid (PFPeS)	0.19	U	0.19	0.096	ug/Kg	☼	10/17/25 14:07	10/20/25 16:41	1
Perfluorohexanesulfonic acid (PFHxS)	0.19	U	0.19	0.096	ug/Kg	☼	10/17/25 14:07	10/20/25 16:41	1
Perfluoroheptanesulfonic acid (PFHpS)	0.19	U	0.19	0.096	ug/Kg	☼	10/17/25 14:07	10/20/25 16:41	1
Perfluorooctanesulfonic acid (PFOS)	**0.13**	**J**	0.19	0.096	ug/Kg	☼	10/17/25 14:07	10/20/25 16:41	1
Perfluorononanesulfonic acid (PFNS)	0.19	U	0.19	0.096	ug/Kg	☼	10/17/25 14:07	10/20/25 16:41	1
Perfluorodecanesulfonic acid (PFDS)	0.19	U	0.19	0.096	ug/Kg	☼	10/17/25 14:07	10/20/25 16:41	1

Client: Haley & Aldrich, Inc.
Project/Site: Former Port Mobil

Job ID: 460-337134-1

Client Sample ID: 20A_0-4
Date Collected: 10/13/25 09:40
Date Received: 10/13/25 15:00

Lab Sample ID: 460-337134-1
Matrix: Solid
Percent Solids: 90.5

Method: EPA 1633A - Per- and Polyfluoroalkyl Substances by LC/MS/MS, 1633A (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Perfluorododecanesulfonic acid (PFDoS)	0.19	U	0.19	0.096	ug/Kg	☼	10/17/25 14:07	10/20/25 16:41	1
1H,1H,2H,2H-Perfluorohexane sulfonic acid (4:2 FTS)	0.38	U	0.38	0.19	ug/Kg	☼	10/17/25 14:07	10/20/25 16:41	1
1H,1H,2H,2H-Perfluorooctane sulfonic acid (6:2 FTS)	0.38	U	0.38	0.19	ug/Kg	☼	10/17/25 14:07	10/20/25 16:41	1
1H,1H,2H,2H-Perfluorodecane sulfonic acid (8:2 FTS)	0.38	U	0.38	0.19	ug/Kg	☼	10/17/25 14:07	10/20/25 16:41	1
Perfluorooctanesulfonamide (PFOSA)	0.19	U	0.19	0.096	ug/Kg	☼	10/17/25 14:07	10/20/25 16:41	1
N-methylperfluorooctane sulfonamide (NMeFOSA)	0.19	U	0.19	0.096	ug/Kg	☼	10/17/25 14:07	10/20/25 16:41	1
N-ethylperfluorooctane sulfonamide (NEtFOSA)	0.19	U	0.19	0.096	ug/Kg	☼	10/17/25 14:07	10/20/25 16:41	1
N-methylperfluorooctanesulfonamidoacetic acid (NMeFOSAA)	0.19	U	0.19	0.096	ug/Kg	☼	10/17/25 14:07	10/20/25 16:41	1
N-ethylperfluorooctanesulfonamidoacetic acid (NEtFOSAA)	0.19	U	0.19	0.096	ug/Kg	☼	10/17/25 14:07	10/20/25 16:41	1
N-methylperfluorooctane sulfonamidoethanol (NMeFOSE)	0.96	U	0.96	0.48	ug/Kg	☼	10/17/25 14:07	10/20/25 16:41	1
N-ethylperfluorooctane sulfonamidoethanol (NEtFOSE)	0.96	U	0.96	0.48	ug/Kg	☼	10/17/25 14:07	10/20/25 16:41	1
Hexafluoropropylene Oxide Dimer Acid (HFPO-DA)	0.19	U	0.19	0.096	ug/Kg	☼	10/17/25 14:07	10/20/25 16:41	1
4,8-Dioxa-3H-perfluorononanoic acid (ADONA)	0.19	U	0.19	0.096	ug/Kg	☼	10/17/25 14:07	10/20/25 16:41	1
Perfluoro-3-methoxypropanoic acid (PFMPA)	0.19	U	0.19	0.096	ug/Kg	☼	10/17/25 14:07	10/20/25 16:41	1
Perfluoro-4-methoxybutanoic acid (PFMBA)	0.19	U	0.19	0.096	ug/Kg	☼	10/17/25 14:07	10/20/25 16:41	1
Nonafluoro-3,6-dioxaheptanoic acid (NFDHA)	0.19	U	0.19	0.096	ug/Kg	☼	10/17/25 14:07	10/20/25 16:41	1
9-Chlorohexadecafluoro-3-oxanonane-1-sulfonic acid (9Cl-PF3ONS)	0.19	U	0.19	0.096	ug/Kg	☼	10/17/25 14:07	10/20/25 16:41	1
11-Chloroeicosafluoro-3-oxaundecane-1-sulfonic acid (11Cl-PF3OUdS)	0.19	U	0.19	0.096	ug/Kg	☼	10/17/25 14:07	10/20/25 16:41	1
Perfluoro (2-ethoxyethane) sulfonic acid (PFEESA)	0.19	U	0.19	0.096	ug/Kg	☼	10/17/25 14:07	10/20/25 16:41	1
3-Perfluoropropylpropanoic acid (3:3 FTCA)	0.38	U	0.38	0.19	ug/Kg	☼	10/17/25 14:07	10/20/25 16:41	1
3-Perfluoropentylpropanoic acid (5:3 FTCA)	0.96	U	0.96	0.48	ug/Kg	☼	10/17/25 14:07	10/20/25 16:41	1
3-Perfluoroheptylpropanoic acid (7:3 FTCA)	0.96	U	0.96	0.48	ug/Kg	☼	10/17/25 14:07	10/20/25 16:41	1

Isotope Dilution	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
13C4 PFBA	*81.4*		*8 - 130*	*10/17/25 14:07*	*10/20/25 16:41*	*1*
13C5 PFPeA	*70.7*		*35 - 130*	*10/17/25 14:07*	*10/20/25 16:41*	*1*
13C5 PFHxA	*77.4*		*40 - 130*	*10/17/25 14:07*	*10/20/25 16:41*	*1*
13C4 PFHpA	*81.8*		*40 - 130*	*10/17/25 14:07*	*10/20/25 16:41*	*1*
13C8 PFOA	*89.9*		*40 - 130*	*10/17/25 14:07*	*10/20/25 16:41*	*1*
13C9 PFNA	*90.8*		*40 - 130*	*10/17/25 14:07*	*10/20/25 16:41*	*1*
13C6 PFDA	*89.8*		*40 - 130*	*10/17/25 14:07*	*10/20/25 16:41*	*1*
13C7 PFUnA	*83.0*		*40 - 130*	*10/17/25 14:07*	*10/20/25 16:41*	*1*
13C2 PFTeDA	*85.0*		*20 - 130*	*10/17/25 14:07*	*10/20/25 16:41*	*1*
13C3 PFBS	*82.2*		*40 - 135*	*10/17/25 14:07*	*10/20/25 16:41*	*1*

Client Sample ID: 20A_0-4
Date Collected: 10/13/25 09:40
Date Received: 10/13/25 15:00

Lab Sample ID: 460-337134-1
Matrix: Solid
Percent Solids: 90.5

Method: EPA 1633A - Per- and Polyfluoroalkyl Substances by LC/MS/MS, 1633A (Continued)

Isotope Dilution	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
13C3 PFHxS	88.7		40 - 130	10/17/25 14:07	10/20/25 16:41	1
13C8 PFOS	89.0		40 - 130	10/17/25 14:07	10/20/25 16:41	1
13C8 FOSA	87.3		40 - 130	10/17/25 14:07	10/20/25 16:41	1
d3-NMeFOSAA	91.1		40 - 135	10/17/25 14:07	10/20/25 16:41	1
d5-NEtFOSAA	95.4		40 - 150	10/17/25 14:07	10/20/25 16:41	1
13C2 4:2 FTS	97.3		40 - 165	10/17/25 14:07	10/20/25 16:41	1
13C2 6:2 FTS	97.6		40 - 215	10/17/25 14:07	10/20/25 16:41	1
13C2 8:2 FTS	135		40 - 275	10/17/25 14:07	10/20/25 16:41	1
13C3 HFPO-DA	73.4		40 - 130	10/17/25 14:07	10/20/25 16:41	1
d7-N-MeFOSE-M	66.6		20 - 130	10/17/25 14:07	10/20/25 16:41	1
d9-N-EtFOSE-M	53.4		15 - 130	10/17/25 14:07	10/20/25 16:41	1
d5-NEtPFOSA	72.3		10 - 130	10/17/25 14:07	10/20/25 16:41	1
d3-NMePFOSA	81.1		10 - 130	10/17/25 14:07	10/20/25 16:41	1
13C2 PFDoA	79.7		40 - 130	10/17/25 14:07	10/20/25 16:41	1

Method: SW846 6020B - Metals (ICP/MS)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Aluminum	5230		17.5	4.8	mg/Kg	☼	10/17/25 20:20	10/18/25 19:00	1
Antimony	0.38	J	0.88	0.13	mg/Kg	☼	10/17/25 20:20	10/18/25 19:00	1
Arsenic	3.4		0.88	0.090	mg/Kg	☼	10/17/25 20:20	10/18/25 19:00	1
Barium	41.3		1.8	0.13	mg/Kg	☼	10/17/25 20:20	10/18/25 19:00	1
Beryllium	0.24	J	0.35	0.019	mg/Kg	☼	10/17/25 20:20	10/18/25 19:00	1
Cadmium	0.16	J	0.88	0.099	mg/Kg	☼	10/17/25 20:20	10/18/25 19:00	1
Calcium	39100		87.7	8.5	mg/Kg	☼	10/17/25 20:20	10/18/25 19:00	1
Chromium	12.9		1.8	0.26	mg/Kg	☼	10/17/25 20:20	10/18/25 19:00	1
Cobalt	3.3		0.88	0.13	mg/Kg	☼	10/17/25 20:20	10/18/25 19:00	1
Copper	19.8		1.8	0.32	mg/Kg	☼	10/17/25 20:20	10/18/25 19:00	1
Iron	8930		52.6	6.7	mg/Kg	☼	10/17/25 20:20	10/18/25 19:00	1
Lead	42.7		0.53	0.18	mg/Kg	☼	10/17/25 20:20	10/18/25 19:00	1
Magnesium	10800		87.7	8.9	mg/Kg	☼	10/17/25 20:20	10/18/25 19:00	1
Manganese	194		3.5	0.35	mg/Kg	☼	10/17/25 20:20	10/18/25 19:00	1
Nickel	10		1.8	0.16	mg/Kg	☼	10/17/25 20:20	10/18/25 19:00	1
Potassium	505		87.7	14.2	mg/Kg	☼	10/17/25 20:20	10/18/25 19:00	1
Selenium	0.15	J	1.1	0.11	mg/Kg	☼	10/17/25 20:20	10/18/25 19:00	1
Silver	0.080	J	0.35	0.078	mg/Kg	☼	10/17/25 20:20	10/18/25 19:00	1
Sodium	147		87.7	40.1	mg/Kg	☼	10/17/25 20:20	10/18/25 19:00	1
Thallium	0.048	J	0.35	0.036	mg/Kg	☼	10/17/25 20:20	10/18/25 19:00	1
Vanadium	15.8		1.8	0.18	mg/Kg	☼	10/17/25 20:20	10/18/25 19:00	1
Zinc	49.1		7.0	0.96	mg/Kg	☼	10/17/25 20:20	10/18/25 19:00	1

Method: SW846 7471B - Mercury (CVAA)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	0.069		0.017	0.0082	mg/Kg	☼	10/21/25 02:09	10/21/25 08:55	1

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Percent Moisture (EPA Moisture)	9.5		1.0	1.0	%			10/16/25 16:57	1
Percent Solids (EPA Moisture)	90.5		1.0	1.0	%			10/16/25 16:57	1

Client: Haley & Aldrich, Inc.
Project/Site: Former Port Mobil

Job ID: 460-337134-1

Client Sample ID: 20A_4-8
Date Collected: 10/13/25 09:50
Date Received: 10/13/25 15:00

Lab Sample ID: 460-337134-2
Matrix: Solid
Percent Solids: 83.7

Method: SW846 8270E - Semivolatile Organic Compounds (GC/MS)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1'-Biphenyl	0.39	U	0.39	0.014	mg/Kg	☼	10/15/25 10:39	10/16/25 06:23	1
1,2,4,5-Tetrachlorobenzene	0.39	U	0.39	0.012	mg/Kg	☼	10/15/25 10:39	10/16/25 06:23	1
1,4-Dioxane	0.039	U	0.039	0.034	mg/Kg	☼	10/15/25 10:39	10/16/25 06:23	1
2,2'-oxybis[1-chloropropane]	0.39	U	0.39	0.024	mg/Kg	☼	10/15/25 10:39	10/16/25 06:23	1
2,3,4,6-Tetrachlorophenol	0.39	U	0.39	0.027	mg/Kg	☼	10/15/25 10:39	10/16/25 06:23	1
2,4,5-Trichlorophenol	0.39	U	0.39	0.040	mg/Kg	☼	10/15/25 10:39	10/16/25 06:23	1
2,4,6-Trichlorophenol	0.16	U	0.16	0.051	mg/Kg	☼	10/15/25 10:39	10/16/25 06:23	1
2,4-Dichlorophenol	0.16	U	0.16	0.025	mg/Kg	☼	10/15/25 10:39	10/16/25 06:23	1
2,4-Dimethylphenol	0.39	U	0.39	0.047	mg/Kg	☼	10/15/25 10:39	10/16/25 06:23	1
2,4-Dinitrophenol	0.32	U	0.32	0.19	mg/Kg	☼	10/15/25 10:39	10/16/25 06:23	1
2,4-Dinitrotoluene	0.080	U	0.080	0.042	mg/Kg	☼	10/15/25 10:39	10/16/25 06:23	1
2,6-Dinitrotoluene	0.080	U	0.080	0.028	mg/Kg	☼	10/15/25 10:39	10/16/25 06:23	1
2-Chloronaphthalene	0.39	U	0.39	0.051	mg/Kg	☼	10/15/25 10:39	10/16/25 06:23	1
2-Chlorophenol	0.39	U	0.39	0.014	mg/Kg	☼	10/15/25 10:39	10/16/25 06:23	1
2-Methylnaphthalene	**0.017**	**J**	0.39	0.011	mg/Kg	☼	10/15/25 10:39	10/16/25 06:23	1
2-Methylphenol	0.39	U	0.39	0.015	mg/Kg	☼	10/15/25 10:39	10/16/25 06:23	1
2-Nitroaniline	0.39	U	0.39	0.030	mg/Kg	☼	10/15/25 10:39	10/16/25 06:23	1
2-Nitrophenol	0.39	U	0.39	0.039	mg/Kg	☼	10/15/25 10:39	10/16/25 06:23	1
3 & 4 Methylphenol	0.39	U	0.39	0.025	mg/Kg	☼	10/15/25 10:39	10/16/25 06:23	1
3,3'-Dichlorobenzidine	0.16	U	0.16	0.060	mg/Kg	☼	10/15/25 10:39	10/16/25 06:23	1
3-Nitroaniline	0.39	U	0.39	0.094	mg/Kg	☼	10/15/25 10:39	10/16/25 06:23	1
4,6-Dinitro-2-methylphenol	0.32	U	0.32	0.16	mg/Kg	☼	10/15/25 10:39	10/16/25 06:23	1
4-Bromophenyl phenyl ether	0.39	U	0.39	0.016	mg/Kg	☼	10/15/25 10:39	10/16/25 06:23	1
4-Chloro-3-methylphenol	0.39	U	0.39	0.022	mg/Kg	☼	10/15/25 10:39	10/16/25 06:23	1
4-Chloroaniline	0.39	U	0.39	0.070	mg/Kg	☼	10/15/25 10:39	10/16/25 06:23	1
4-Chlorophenyl phenyl ether	0.39	U	0.39	0.014	mg/Kg	☼	10/15/25 10:39	10/16/25 06:23	1
4-Methylphenol	0.39	U	0.39	0.025	mg/Kg	☼	10/15/25 10:39	10/16/25 06:23	1
4-Nitroaniline	0.39	U	0.39	0.10	mg/Kg	☼	10/15/25 10:39	10/16/25 06:23	1
4-Nitrophenol	0.80	U	0.80	0.064	mg/Kg	☼	10/15/25 10:39	10/16/25 06:23	1
Acenaphthene	**0.041**	**J**	0.39	0.011	mg/Kg	☼	10/15/25 10:39	10/16/25 06:23	1
Acenaphthylene	**0.066**	**J**	0.39	0.011	mg/Kg	☼	10/15/25 10:39	10/16/25 06:23	1
Acetophenone	0.39	U	0.39	0.019	mg/Kg	☼	10/15/25 10:39	10/16/25 06:23	1
Anthracene	**0.13**	**J**	0.39	0.012	mg/Kg	☼	10/15/25 10:39	10/16/25 06:23	1
Atrazine	0.16	U	0.16	0.023	mg/Kg	☼	10/15/25 10:39	10/16/25 06:23	1
Benzaldehyde	0.39	U	0.39	0.065	mg/Kg	☼	10/15/25 10:39	10/16/25 06:23	1
Benzo[a]anthracene	**0.21**		0.039	0.030	mg/Kg	☼	10/15/25 10:39	10/16/25 06:23	1
Benzo[a]pyrene	**0.23**		0.039	0.011	mg/Kg	☼	10/15/25 10:39	10/16/25 06:23	1
Benzo[b]fluoranthene	**0.31**		0.039	0.010	mg/Kg	☼	10/15/25 10:39	10/16/25 06:23	1
Benzo[g,h,i]perylene	**0.13**	**J**	0.39	0.012	mg/Kg	☼	10/15/25 10:39	10/16/25 06:23	1
Benzo[k]fluoranthene	**0.11**		0.039	0.0077	mg/Kg	☼	10/15/25 10:39	10/16/25 06:23	1
Bis(2-chloroethoxy)methane	0.39	U	0.39	0.073	mg/Kg	☼	10/15/25 10:39	10/16/25 06:23	1
Bis(2-chloroethyl)ether	0.039	U	0.039	0.014	mg/Kg	☼	10/15/25 10:39	10/16/25 06:23	1
Bis(2-ethylhexyl) phthalate	**0.026**	**J**	0.39	0.021	mg/Kg	☼	10/15/25 10:39	10/16/25 06:23	1
Butyl benzyl phthalate	**0.051**	**J**	0.39	0.018	mg/Kg	☼	10/15/25 10:39	10/16/25 06:23	1
Caprolactam	0.39	U	0.39	0.061	mg/Kg	☼	10/15/25 10:39	10/16/25 06:23	1
Carbazole	**0.038**	**J**	0.39	0.015	mg/Kg	☼	10/15/25 10:39	10/16/25 06:23	1
Chrysene	**0.25**	**J**	0.39	0.017	mg/Kg	☼	10/15/25 10:39	10/16/25 06:23	1
Dibenz(a,h)anthracene	**0.032**	**J**	0.039	0.017	mg/Kg	☼	10/15/25 10:39	10/16/25 06:23	1
Dibenzofuran	**0.016**	**J**	0.39	0.013	mg/Kg	☼	10/15/25 10:39	10/16/25 06:23	1

Client Sample ID: 20A_4-8
Date Collected: 10/13/25 09:50
Date Received: 10/13/25 15:00

Lab Sample ID: 460-337134-2
Matrix: Solid
Percent Solids: 83.7

Method: SW846 8270E - Semivolatile Organic Compounds (GC/MS) (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Diethyl phthalate	0.39	U	0.39	0.013	mg/Kg	☼	10/15/25 10:39	10/16/25 06:23	1
Dimethyl phthalate	0.39	U	0.39	0.090	mg/Kg	☼	10/15/25 10:39	10/16/25 06:23	1
Di-n-butyl phthalate	0.39	U	0.39	0.015	mg/Kg	☼	10/15/25 10:39	10/16/25 06:23	1
Di-n-octyl phthalate	0.39	U	0.39	0.021	mg/Kg	☼	10/15/25 10:39	10/16/25 06:23	1
Fluoranthene	**0.46**		0.39	0.014	mg/Kg	☼	10/15/25 10:39	10/16/25 06:23	1
Fluorene	**0.029**	**J**	0.39	0.012	mg/Kg	☼	10/15/25 10:39	10/16/25 06:23	1
Hexachlorobenzene	0.039	U	0.039	0.019	mg/Kg	☼	10/15/25 10:39	10/16/25 06:23	1
Hexachlorobutadiene	0.080	U	0.080	0.0084	mg/Kg	☼	10/15/25 10:39	10/16/25 06:23	1
Hexachlorocyclopentadiene	0.39	U	0.39	0.035	mg/Kg	☼	10/15/25 10:39	10/16/25 06:23	1
Hexachloroethane	0.039	U	0.039	0.014	mg/Kg	☼	10/15/25 10:39	10/16/25 06:23	1
Indeno[1,2,3-cd]pyrene	**0.12**		0.039	0.015	mg/Kg	☼	10/15/25 10:39	10/16/25 06:23	1
Isophorone	0.16	U	0.16	0.11	mg/Kg	☼	10/15/25 10:39	10/16/25 06:23	1
Naphthalene	**0.028**	**J**	0.39	0.0068	mg/Kg	☼	10/15/25 10:39	10/16/25 06:23	1
Nitrobenzene	0.039	U	0.039	0.022	mg/Kg	☼	10/15/25 10:39	10/16/25 06:23	1
N-Nitrosodi-n-propylamine	0.039	U	0.039	0.029	mg/Kg	☼	10/15/25 10:39	10/16/25 06:23	1
N-Nitrosodiphenylamine	0.39	U	0.39	0.032	mg/Kg	☼	10/15/25 10:39	10/16/25 06:23	1
Pentachlorophenol	0.32	U	0.32	0.081	mg/Kg	☼	10/15/25 10:39	10/16/25 06:23	1
Phenanthrene	**0.23**	**J**	0.39	0.016	mg/Kg	☼	10/15/25 10:39	10/16/25 06:23	1
Phenol	0.39	U	0.39	0.015	mg/Kg	☼	10/15/25 10:39	10/16/25 06:23	1
Pyrene	**0.44**		0.39	0.0098	mg/Kg	☼	10/15/25 10:39	10/16/25 06:23	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
2,4,6-Tribromophenol (Surr)	*65*		*18 - 137*	*10/15/25 10:39*	*10/16/25 06:23*	*1*
2-Fluorobiphenyl	*87*		*33 - 117*	*10/15/25 10:39*	*10/16/25 06:23*	*1*
2-Fluorophenol (Surr)	*82*		*24 - 120*	*10/15/25 10:39*	*10/16/25 06:23*	*1*
Nitrobenzene-d5 (Surr)	*81*		*27 - 120*	*10/15/25 10:39*	*10/16/25 06:23*	*1*
Phenol-d5 (Surr)	*83*		*28 - 118*	*10/15/25 10:39*	*10/16/25 06:23*	*1*
Terphenyl-d14 (Surr)	*82*		*33 - 124*	*10/15/25 10:39*	*10/16/25 06:23*	*1*

Method: SW846 8081B - Organochlorine Pesticides (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
4,4'-DDD	0.0080	U	0.0080	0.0014	mg/Kg	☼	10/15/25 10:08	10/16/25 05:53	1
4,4'-DDE	0.0080	U	0.0080	0.00094	mg/Kg	☼	10/15/25 10:08	10/16/25 05:53	1
4,4'-DDT	0.0080	U	0.0080	0.0015	mg/Kg	☼	10/15/25 10:08	10/16/25 05:53	1
Aldrin	0.0080	U	0.0080	0.0012	mg/Kg	☼	10/15/25 10:08	10/16/25 05:53	1
alpha-BHC	0.0024	U	0.0024	0.00081	mg/Kg	☼	10/15/25 10:08	10/16/25 05:53	1
beta-BHC	0.0024	U	0.0024	0.00089	mg/Kg	☼	10/15/25 10:08	10/16/25 05:53	1
Chlordane (technical)	**0.18**		0.080	0.019	mg/Kg	☼	10/15/25 10:08	10/16/25 05:53	1
cis-Chlordane	**0.016**	**p**	0.0080	0.0013	mg/Kg	☼	10/15/25 10:08	10/16/25 05:53	1
delta-BHC	0.0024	U	0.0024	0.00049	mg/Kg	☼	10/15/25 10:08	10/16/25 05:53	1
Dieldrin	**0.014**		0.0024	0.0010	mg/Kg	☼	10/15/25 10:08	10/16/25 05:53	1
Endosulfan I	0.0080	U	0.0080	0.0012	mg/Kg	☼	10/15/25 10:08	10/16/25 05:53	1
Endosulfan II	0.0080	U	0.0080	0.0021	mg/Kg	☼	10/15/25 10:08	10/16/25 05:53	1
Endosulfan sulfate	0.0080	U	0.0080	0.0010	mg/Kg	☼	10/15/25 10:08	10/16/25 05:53	1
Endrin	0.0080	U	0.0080	0.0011	mg/Kg	☼	10/15/25 10:08	10/16/25 05:53	1
Endrin aldehyde	0.0080	U	0.0080	0.0019	mg/Kg	☼	10/15/25 10:08	10/16/25 05:53	1
Endrin ketone	0.0080	U	0.0080	0.0015	mg/Kg	☼	10/15/25 10:08	10/16/25 05:53	1
gamma-BHC (Lindane)	0.0024	U	0.0024	0.00074	mg/Kg	☼	10/15/25 10:08	10/16/25 05:53	1
Heptachlor	0.0080	U	0.0080	0.00094	mg/Kg	☼	10/15/25 10:08	10/16/25 05:53	1
Heptachlor epoxide	0.0080	U	0.0080	0.0012	mg/Kg	☼	10/15/25 10:08	10/16/25 05:53	1

Client Sample ID: 20A_4-8
Date Collected: 10/13/25 09:50
Date Received: 10/13/25 15:00

Lab Sample ID: 460-337134-2
Matrix: Solid
Percent Solids: 83.7

Method: SW846 8081B - Organochlorine Pesticides (GC) (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Methoxychlor	0.0080	U	0.0080	0.0018	mg/Kg	☼	10/15/25 10:08	10/16/25 05:53	1
Toxaphene	0.080	U	0.080	0.029	mg/Kg	☼	10/15/25 10:08	10/16/25 05:53	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
DCB Decachlorobiphenyl	*34*		*10 - 150*	*10/15/25 10:08*	*10/16/25 05:53*	*1*
DCB Decachlorobiphenyl	*36*		*10 - 150*	*10/15/25 10:08*	*10/16/25 05:53*	*1*
Tetrachloro-m-xylene	*47*		*14 - 150*	*10/15/25 10:08*	*10/16/25 05:53*	*1*
Tetrachloro-m-xylene	*46*		*14 - 150*	*10/15/25 10:08*	*10/16/25 05:53*	*1*

Method: SW846 8082A - Polychlorinated Biphenyls (PCBs) by Gas Chromatography

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Aroclor 1016	0.080	U	0.080	0.021	mg/Kg	☼	10/15/25 10:13	10/16/25 00:28	1
Aroclor 1221	0.080	U	0.080	0.021	mg/Kg	☼	10/15/25 10:13	10/16/25 00:28	1
Aroclor 1232	0.080	U	0.080	0.021	mg/Kg	☼	10/15/25 10:13	10/16/25 00:28	1
Aroclor 1242	0.080	U	0.080	0.021	mg/Kg	☼	10/15/25 10:13	10/16/25 00:28	1
Aroclor 1248	0.080	U	0.080	0.021	mg/Kg	☼	10/15/25 10:13	10/16/25 00:28	1
Aroclor 1254	0.080	U	0.080	0.021	mg/Kg	☼	10/15/25 10:13	10/16/25 00:28	1
Aroclor 1260	0.080	U	0.080	0.021	mg/Kg	☼	10/15/25 10:13	10/16/25 00:28	1
Aroclor-1262	0.080	U	0.080	0.021	mg/Kg	☼	10/15/25 10:13	10/16/25 00:28	1
Aroclor 1268	0.080	U	0.080	0.021	mg/Kg	☼	10/15/25 10:13	10/16/25 00:28	1
Polychlorinated biphenyls, Total	0.080	U	0.080	0.021	mg/Kg	☼	10/15/25 10:13	10/16/25 00:28	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
DCB Decachlorobiphenyl	*51*		*10 - 150*	*10/15/25 10:13*	*10/16/25 00:28*	*1*
DCB Decachlorobiphenyl	*52*		*10 - 150*	*10/15/25 10:13*	*10/16/25 00:28*	*1*
Tetrachloro-m-xylene	*61*		*10 - 150*	*10/15/25 10:13*	*10/16/25 00:28*	*1*
Tetrachloro-m-xylene	*67*		*10 - 150*	*10/15/25 10:13*	*10/16/25 00:28*	*1*

Method: EPA 1633A - Per- and Polyfluoroalkyl Substances by LC/MS/MS, 1633A

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Perfluorobutanoic acid (PFBA)	0.38	U	0.38	0.096	ug/Kg	☼	10/17/25 14:07	10/20/25 16:55	1
Perfluoropentanoic acid (PFPeA)	0.19	U	0.19	0.096	ug/Kg	☼	10/17/25 14:07	10/20/25 16:55	1
Perfluorohexanoic acid (PFHxA)	0.19	U	0.19	0.096	ug/Kg	☼	10/17/25 14:07	10/20/25 16:55	1
Perfluoroheptanoic acid (PFHpA)	0.19	U	0.19	0.096	ug/Kg	☼	10/17/25 14:07	10/20/25 16:55	1
Perfluorooctanoic acid (PFOA)	0.19	U	0.19	0.058	ug/Kg	☼	10/17/25 14:07	10/20/25 16:55	1
Perfluorononanoic acid (PFNA)	0.19	U	0.19	0.096	ug/Kg	☼	10/17/25 14:07	10/20/25 16:55	1
Perfluorodecanoic acid (PFDA)	0.19	U	0.19	0.058	ug/Kg	☼	10/17/25 14:07	10/20/25 16:55	1
Perfluoroundecanoic acid (PFUnA)	0.19	U	0.19	0.096	ug/Kg	☼	10/17/25 14:07	10/20/25 16:55	1
Perfluorododecanoic acid (PFDoA)	0.19	U	0.19	0.096	ug/Kg	☼	10/17/25 14:07	10/20/25 16:55	1
Perfluorotridecanoic acid (PFTrDA)	0.19	U	0.19	0.096	ug/Kg	☼	10/17/25 14:07	10/20/25 16:55	1
Perfluorotetradecanoic acid (PFTeDA)	0.19	U	0.19	0.096	ug/Kg	☼	10/17/25 14:07	10/20/25 16:55	1
Perfluorobutanesulfonic acid (PFBS)	0.19	U	0.19	0.096	ug/Kg	☼	10/17/25 14:07	10/20/25 16:55	1
Perfluoropentanesulfonic acid (PFPeS)	0.19	U	0.19	0.096	ug/Kg	☼	10/17/25 14:07	10/20/25 16:55	1
Perfluorohexanesulfonic acid (PFHxS)	0.19	U	0.19	0.096	ug/Kg	☼	10/17/25 14:07	10/20/25 16:55	1
Perfluoroheptanesulfonic acid (PFHpS)	0.19	U	0.19	0.096	ug/Kg	☼	10/17/25 14:07	10/20/25 16:55	1
Perfluorooctanesulfonic acid (PFOS)	**0.11**	**J**	0.19	0.096	ug/Kg	☼	10/17/25 14:07	10/20/25 16:55	1
Perfluorononanesulfonic acid (PFNS)	0.19	U	0.19	0.096	ug/Kg	☼	10/17/25 14:07	10/20/25 16:55	1
Perfluorodecanesulfonic acid (PFDS)	0.19	U	0.19	0.096	ug/Kg	☼	10/17/25 14:07	10/20/25 16:55	1

Client: Haley & Aldrich, Inc.
Project/Site: Former Port Mobil

Job ID: 460-337134-1

Client Sample ID: 20A_4-8
Date Collected: 10/13/25 09:50
Date Received: 10/13/25 15:00

Lab Sample ID: 460-337134-2
Matrix: Solid
Percent Solids: 83.7

Method: EPA 1633A - Per- and Polyfluoroalkyl Substances by LC/MS/MS, 1633A (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Perfluorododecanesulfonic acid (PFDoS)	0.19	U	0.19	0.096	ug/Kg	☼	10/17/25 14:07	10/20/25 16:55	1
1H,1H,2H,2H-Perfluorohexane sulfonic acid (4:2 FTS)	0.38	U	0.38	0.19	ug/Kg	☼	10/17/25 14:07	10/20/25 16:55	1
1H,1H,2H,2H-Perfluorooctane sulfonic acid (6:2 FTS)	0.38	U	0.38	0.19	ug/Kg	☼	10/17/25 14:07	10/20/25 16:55	1
1H,1H,2H,2H-Perfluorodecane sulfonic acid (8:2 FTS)	0.38	U	0.38	0.19	ug/Kg	☼	10/17/25 14:07	10/20/25 16:55	1
Perfluorooctanesulfonamide (PFOSA)	0.19	U	0.19	0.096	ug/Kg	☼	10/17/25 14:07	10/20/25 16:55	1
N-methylperfluorooctane sulfonamide (NMeFOSA)	0.19	U	0.19	0.096	ug/Kg	☼	10/17/25 14:07	10/20/25 16:55	1
N-ethylperfluorooctane sulfonamide (NEtFOSA)	0.19	U	0.19	0.096	ug/Kg	☼	10/17/25 14:07	10/20/25 16:55	1
N-methylperfluorooctanesulfonamidoacetic acid (NMeFOSAA)	0.19	U	0.19	0.096	ug/Kg	☼	10/17/25 14:07	10/20/25 16:55	1
N-ethylperfluorooctanesulfonamidoacetic acid (NEtFOSAA)	0.19	U	0.19	0.096	ug/Kg	☼	10/17/25 14:07	10/20/25 16:55	1
N-methylperfluorooctane sulfonamidoethanol (NMeFOSE)	0.96	U	0.96	0.48	ug/Kg	☼	10/17/25 14:07	10/20/25 16:55	1
N-ethylperfluorooctane sulfonamidoethanol (NEtFOSE)	0.96	U	0.96	0.48	ug/Kg	☼	10/17/25 14:07	10/20/25 16:55	1
Hexafluoropropylene Oxide Dimer Acid (HFPO-DA)	0.19	U	0.19	0.096	ug/Kg	☼	10/17/25 14:07	10/20/25 16:55	1
4,8-Dioxa-3H-perfluorononanoic acid (ADONA)	0.19	U	0.19	0.096	ug/Kg	☼	10/17/25 14:07	10/20/25 16:55	1
Perfluoro-3-methoxypropanoic acid (PFMPA)	0.19	U	0.19	0.096	ug/Kg	☼	10/17/25 14:07	10/20/25 16:55	1
Perfluoro-4-methoxybutanoic acid (PFMBA)	0.19	U	0.19	0.096	ug/Kg	☼	10/17/25 14:07	10/20/25 16:55	1
Nonafluoro-3,6-dioxaheptanoic acid (NFDHA)	0.19	U	0.19	0.096	ug/Kg	☼	10/17/25 14:07	10/20/25 16:55	1
9-Chlorohexadecafluoro-3-oxanonane-1-sulfonic acid (9Cl-PF3ONS)	0.19	U	0.19	0.096	ug/Kg	☼	10/17/25 14:07	10/20/25 16:55	1
11-Chloroeicosafluoro-3-oxaundecane-1-sulfonic acid (11Cl-PF3OUdS)	0.19	U	0.19	0.096	ug/Kg	☼	10/17/25 14:07	10/20/25 16:55	1
Perfluoro (2-ethoxyethane) sulfonic acid (PFEESA)	0.19	U	0.19	0.096	ug/Kg	☼	10/17/25 14:07	10/20/25 16:55	1
3-Perfluoropropylpropanoic acid (3:3 FTCA)	0.38	U	0.38	0.19	ug/Kg	☼	10/17/25 14:07	10/20/25 16:55	1
3-Perfluoropentylpropanoic acid (5:3 FTCA)	0.96	U	0.96	0.48	ug/Kg	☼	10/17/25 14:07	10/20/25 16:55	1
3-Perfluoroheptylpropanoic acid (7:3 FTCA)	0.96	U	0.96	0.48	ug/Kg	☼	10/17/25 14:07	10/20/25 16:55	1

Isotope Dilution	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
13C4 PFBA	*89.6*		*8 - 130*	*10/17/25 14:07*	*10/20/25 16:55*	*1*
13C5 PFPeA	*86.9*		*35 - 130*	*10/17/25 14:07*	*10/20/25 16:55*	*1*
13C5 PFHxA	*86.6*		*40 - 130*	*10/17/25 14:07*	*10/20/25 16:55*	*1*
13C4 PFHpA	*94.1*		*40 - 130*	*10/17/25 14:07*	*10/20/25 16:55*	*1*
13C8 PFOA	*86.3*		*40 - 130*	*10/17/25 14:07*	*10/20/25 16:55*	*1*
13C9 PFNA	*96.6*		*40 - 130*	*10/17/25 14:07*	*10/20/25 16:55*	*1*
13C6 PFDA	*95.4*		*40 - 130*	*10/17/25 14:07*	*10/20/25 16:55*	*1*
13C7 PFUnA	*86.5*		*40 - 130*	*10/17/25 14:07*	*10/20/25 16:55*	*1*
13C2 PFTeDA	*90.0*		*20 - 130*	*10/17/25 14:07*	*10/20/25 16:55*	*1*
13C3 PFBS	*87.8*		*40 - 135*	*10/17/25 14:07*	*10/20/25 16:55*	*1*

Client Sample ID: 20A_4-8
Date Collected: 10/13/25 09:50
Date Received: 10/13/25 15:00

Lab Sample ID: 460-337134-2
Matrix: Solid
Percent Solids: 83.7

Method: EPA 1633A - Per- and Polyfluoroalkyl Substances by LC/MS/MS, 1633A (Continued)

Isotope Dilution	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
13C3 PFHxS	86.8		40 - 130	10/17/25 14:07	10/20/25 16:55	1
13C8 PFOS	90.7		40 - 130	10/17/25 14:07	10/20/25 16:55	1
13C8 FOSA	85.1		40 - 130	10/17/25 14:07	10/20/25 16:55	1
d3-NMeFOSAA	98.5		40 - 135	10/17/25 14:07	10/20/25 16:55	1
d5-NEtFOSAA	92.1		40 - 150	10/17/25 14:07	10/20/25 16:55	1
13C2 4:2 FTS	93.1		40 - 165	10/17/25 14:07	10/20/25 16:55	1
13C2 6:2 FTS	96.6		40 - 215	10/17/25 14:07	10/20/25 16:55	1
13C2 8:2 FTS	155		40 - 275	10/17/25 14:07	10/20/25 16:55	1
13C3 HFPO-DA	86.0		40 - 130	10/17/25 14:07	10/20/25 16:55	1
d7-N-MeFOSE-M	78.1		20 - 130	10/17/25 14:07	10/20/25 16:55	1
d9-N-EtFOSE-M	64.0		15 - 130	10/17/25 14:07	10/20/25 16:55	1
d5-NEtPFOSA	81.3		10 - 130	10/17/25 14:07	10/20/25 16:55	1
d3-NMePFOSA	84.5		10 - 130	10/17/25 14:07	10/20/25 16:55	1
13C2 PFDoA	84.3		40 - 130	10/17/25 14:07	10/20/25 16:55	1

Method: SW846 6020B - Metals (ICP/MS)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Aluminum	6270		18.4	5.0	mg/Kg	☼	10/17/25 20:20	10/18/25 19:03	1
Antimony	0.71	J	0.92	0.13	mg/Kg	☼	10/17/25 20:20	10/18/25 19:03	1
Arsenic	4.3		0.92	0.095	mg/Kg	☼	10/17/25 20:20	10/18/25 19:03	1
Barium	40.0		1.8	0.13	mg/Kg	☼	10/17/25 20:20	10/18/25 19:03	1
Beryllium	0.39		0.37	0.020	mg/Kg	☼	10/17/25 20:20	10/18/25 19:03	1
Cadmium	0.12	J	0.92	0.10	mg/Kg	☼	10/17/25 20:20	10/18/25 19:03	1
Calcium	10900		91.9	8.9	mg/Kg	☼	10/17/25 20:20	10/18/25 19:03	1
Chromium	12.7		1.8	0.27	mg/Kg	☼	10/17/25 20:20	10/18/25 19:03	1
Cobalt	4.9		0.92	0.14	mg/Kg	☼	10/17/25 20:20	10/18/25 19:03	1
Copper	20.6		1.8	0.34	mg/Kg	☼	10/17/25 20:20	10/18/25 19:03	1
Iron	13700		55.2	7.0	mg/Kg	☼	10/17/25 20:20	10/18/25 19:03	1
Lead	31.0		0.55	0.18	mg/Kg	☼	10/17/25 20:20	10/18/25 19:03	1
Magnesium	2530		91.9	9.4	mg/Kg	☼	10/17/25 20:20	10/18/25 19:03	1
Manganese	149		3.7	0.37	mg/Kg	☼	10/17/25 20:20	10/18/25 19:03	1
Nickel	10.1		1.8	0.16	mg/Kg	☼	10/17/25 20:20	10/18/25 19:03	1
Potassium	759		91.9	14.9	mg/Kg	☼	10/17/25 20:20	10/18/25 19:03	1
Selenium	0.17	J	1.1	0.12	mg/Kg	☼	10/17/25 20:20	10/18/25 19:03	1
Silver	0.086	J	0.37	0.082	mg/Kg	☼	10/17/25 20:20	10/18/25 19:03	1
Sodium	72.7	J	91.9	42.0	mg/Kg	☼	10/17/25 20:20	10/18/25 19:03	1
Thallium	0.080	J	0.37	0.038	mg/Kg	☼	10/17/25 20:20	10/18/25 19:03	1
Vanadium	19.4		1.8	0.19	mg/Kg	☼	10/17/25 20:20	10/18/25 19:03	1
Zinc	43.7		7.4	1.0	mg/Kg	☼	10/17/25 20:20	10/18/25 19:03	1

Method: SW846 7471B - Mercury (CVAA)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	0.052		0.020	0.0093	mg/Kg	☼	10/21/25 02:09	10/21/25 08:58	1

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Percent Moisture (EPA Moisture)	16.3		1.0	1.0	%			10/16/25 16:57	1
Percent Solids (EPA Moisture)	83.7		1.0	1.0	%			10/16/25 16:57	1

Client: Haley & Aldrich, Inc.
Project/Site: Former Port Mobil

Job ID: 460-337134-1

Client Sample ID: 41A_0-3
Date Collected: 10/13/25 10:40
Date Received: 10/13/25 15:00

Lab Sample ID: 460-337134-3
Matrix: Solid
Percent Solids: 90.5

Method: SW846 8270E - Semivolatile Organic Compounds (GC/MS)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1'-Biphenyl	0.36	U	0.36	0.013	mg/Kg	☼	10/15/25 10:39	10/16/25 04:02	1
1,2,4,5-Tetrachlorobenzene	0.36	U	0.36	0.011	mg/Kg	☼	10/15/25 10:39	10/16/25 04:02	1
1,4-Dioxane	0.036	U	0.036	0.032	mg/Kg	☼	10/15/25 10:39	10/16/25 04:02	1
2,2'-oxybis[1-chloropropane]	0.36	U	0.36	0.022	mg/Kg	☼	10/15/25 10:39	10/16/25 04:02	1
2,3,4,6-Tetrachlorophenol	0.36	U	0.36	0.025	mg/Kg	☼	10/15/25 10:39	10/16/25 04:02	1
2,4,5-Trichlorophenol	0.36	U	0.36	0.037	mg/Kg	☼	10/15/25 10:39	10/16/25 04:02	1
2,4,6-Trichlorophenol	0.15	U	0.15	0.047	mg/Kg	☼	10/15/25 10:39	10/16/25 04:02	1
2,4-Dichlorophenol	0.15	U	0.15	0.023	mg/Kg	☼	10/15/25 10:39	10/16/25 04:02	1
2,4-Dimethylphenol	0.36	U	0.36	0.043	mg/Kg	☼	10/15/25 10:39	10/16/25 04:02	1
2,4-Dinitrophenol	0.29	U	0.29	0.18	mg/Kg	☼	10/15/25 10:39	10/16/25 04:02	1
2,4-Dinitrotoluene	0.074	U	0.074	0.039	mg/Kg	☼	10/15/25 10:39	10/16/25 04:02	1
2,6-Dinitrotoluene	0.074	U	0.074	0.026	mg/Kg	☼	10/15/25 10:39	10/16/25 04:02	1
2-Chloronaphthalene	0.36	U	0.36	0.047	mg/Kg	☼	10/15/25 10:39	10/16/25 04:02	1
2-Chlorophenol	0.36	U	0.36	0.013	mg/Kg	☼	10/15/25 10:39	10/16/25 04:02	1
2-Methylnaphthalene	0.36	U	0.36	0.010	mg/Kg	☼	10/15/25 10:39	10/16/25 04:02	1
2-Methylphenol	0.36	U	0.36	0.014	mg/Kg	☼	10/15/25 10:39	10/16/25 04:02	1
2-Nitroaniline	0.36	U	0.36	0.028	mg/Kg	☼	10/15/25 10:39	10/16/25 04:02	1
2-Nitrophenol	0.36	U	0.36	0.036	mg/Kg	☼	10/15/25 10:39	10/16/25 04:02	1
3 & 4 Methylphenol	0.36	U	0.36	0.023	mg/Kg	☼	10/15/25 10:39	10/16/25 04:02	1
3,3'-Dichlorobenzidine	0.15	U	0.15	0.055	mg/Kg	☼	10/15/25 10:39	10/16/25 04:02	1
3-Nitroaniline	0.36	U	0.36	0.086	mg/Kg	☼	10/15/25 10:39	10/16/25 04:02	1
4,6-Dinitro-2-methylphenol	0.29	U	0.29	0.15	mg/Kg	☼	10/15/25 10:39	10/16/25 04:02	1
4-Bromophenyl phenyl ether	0.36	U	0.36	0.014	mg/Kg	☼	10/15/25 10:39	10/16/25 04:02	1
4-Chloro-3-methylphenol	0.36	U	0.36	0.020	mg/Kg	☼	10/15/25 10:39	10/16/25 04:02	1
4-Chloroaniline	0.36	U	0.36	0.064	mg/Kg	☼	10/15/25 10:39	10/16/25 04:02	1
4-Chlorophenyl phenyl ether	0.36	U	0.36	0.013	mg/Kg	☼	10/15/25 10:39	10/16/25 04:02	1
4-Methylphenol	0.36	U	0.36	0.023	mg/Kg	☼	10/15/25 10:39	10/16/25 04:02	1
4-Nitroaniline	0.36	U	0.36	0.092	mg/Kg	☼	10/15/25 10:39	10/16/25 04:02	1
4-Nitrophenol	0.74	U	0.74	0.059	mg/Kg	☼	10/15/25 10:39	10/16/25 04:02	1
Acenaphthene	0.36	U	0.36	0.010	mg/Kg	☼	10/15/25 10:39	10/16/25 04:02	1
Acenaphthylene	**0.045**	**J**	0.36	0.010	mg/Kg	☼	10/15/25 10:39	10/16/25 04:02	1
Acetophenone	0.36	U	0.36	0.018	mg/Kg	☼	10/15/25 10:39	10/16/25 04:02	1
Anthracene	**0.048**	**J**	0.36	0.011	mg/Kg	☼	10/15/25 10:39	10/16/25 04:02	1
Atrazine	0.15	U	0.15	0.021	mg/Kg	☼	10/15/25 10:39	10/16/25 04:02	1
Benzaldehyde	0.36	U	0.36	0.060	mg/Kg	☼	10/15/25 10:39	10/16/25 04:02	1
Benzo[a]anthracene	**0.040**		0.036	0.027	mg/Kg	☼	10/15/25 10:39	10/16/25 04:02	1
Benzo[a]pyrene	**0.049**		0.036	0.0097	mg/Kg	☼	10/15/25 10:39	10/16/25 04:02	1
Benzo[b]fluoranthene	**0.058**		0.036	0.0094	mg/Kg	☼	10/15/25 10:39	10/16/25 04:02	1
Benzo[g,h,i]perylene	**0.053**	**J**	0.36	0.011	mg/Kg	☼	10/15/25 10:39	10/16/25 04:02	1
Benzo[k]fluoranthene	**0.019**	**J**	0.036	0.0071	mg/Kg	☼	10/15/25 10:39	10/16/25 04:02	1
Bis(2-chloroethoxy)methane	0.36	U	0.36	0.067	mg/Kg	☼	10/15/25 10:39	10/16/25 04:02	1
Bis(2-chloroethyl)ether	0.036	U	0.036	0.013	mg/Kg	☼	10/15/25 10:39	10/16/25 04:02	1
Bis(2-ethylhexyl) phthalate	0.36	U	0.36	0.019	mg/Kg	☼	10/15/25 10:39	10/16/25 04:02	1
Butyl benzyl phthalate	0.36	U	0.36	0.017	mg/Kg	☼	10/15/25 10:39	10/16/25 04:02	1
Caprolactam	0.36	U	0.36	0.057	mg/Kg	☼	10/15/25 10:39	10/16/25 04:02	1
Carbazole	**0.018**	**J**	0.36	0.014	mg/Kg	☼	10/15/25 10:39	10/16/25 04:02	1
Chrysene	**0.043**	**J**	0.36	0.015	mg/Kg	☼	10/15/25 10:39	10/16/25 04:02	1
Dibenz(a,h)anthracene	0.036	U	0.036	0.016	mg/Kg	☼	10/15/25 10:39	10/16/25 04:02	1
Dibenzofuran	0.36	U	0.36	0.012	mg/Kg	☼	10/15/25 10:39	10/16/25 04:02	1

Client Sample ID: 41A_0-3
Date Collected: 10/13/25 10:40
Date Received: 10/13/25 15:00

Lab Sample ID: 460-337134-3
Matrix: Solid
Percent Solids: 90.5

Method: SW846 8270E - Semivolatile Organic Compounds (GC/MS) (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Diethyl phthalate	0.36	U	0.36	0.012	mg/Kg	☼	10/15/25 10:39	10/16/25 04:02	1
Dimethyl phthalate	0.36	U	0.36	0.083	mg/Kg	☼	10/15/25 10:39	10/16/25 04:02	1
Di-n-butyl phthalate	0.36	U	0.36	0.014	mg/Kg	☼	10/15/25 10:39	10/16/25 04:02	1
Di-n-octyl phthalate	0.36	U	0.36	0.019	mg/Kg	☼	10/15/25 10:39	10/16/25 04:02	1
Fluoranthene	**0.060**	**J**	0.36	0.013	mg/Kg	☼	10/15/25 10:39	10/16/25 04:02	1
Fluorene	0.36	U	0.36	0.011	mg/Kg	☼	10/15/25 10:39	10/16/25 04:02	1
Hexachlorobenzene	0.036	U	0.036	0.017	mg/Kg	☼	10/15/25 10:39	10/16/25 04:02	1
Hexachlorobutadiene	0.074	U	0.074	0.0077	mg/Kg	☼	10/15/25 10:39	10/16/25 04:02	1
Hexachlorocyclopentadiene	0.36	U	0.36	0.032	mg/Kg	☼	10/15/25 10:39	10/16/25 04:02	1
Hexachloroethane	0.036	U	0.036	0.012	mg/Kg	☼	10/15/25 10:39	10/16/25 04:02	1
Indeno[1,2,3-cd]pyrene	**0.044**		0.036	0.014	mg/Kg	☼	10/15/25 10:39	10/16/25 04:02	1
Isophorone	0.15	U	0.15	0.11	mg/Kg	☼	10/15/25 10:39	10/16/25 04:02	1
Naphthalene	**0.014**	**J**	0.36	0.0063	mg/Kg	☼	10/15/25 10:39	10/16/25 04:02	1
Nitrobenzene	0.036	U	0.036	0.020	mg/Kg	☼	10/15/25 10:39	10/16/25 04:02	1
N-Nitrosodi-n-propylamine	0.036	U	0.036	0.026	mg/Kg	☼	10/15/25 10:39	10/16/25 04:02	1
N-Nitrosodiphenylamine	0.36	U	0.36	0.030	mg/Kg	☼	10/15/25 10:39	10/16/25 04:02	1
Pentachlorophenol	0.29	U	0.29	0.074	mg/Kg	☼	10/15/25 10:39	10/16/25 04:02	1
Phenanthrene	**0.043**	**J**	0.36	0.015	mg/Kg	☼	10/15/25 10:39	10/16/25 04:02	1
Phenol	0.36	U	0.36	0.013	mg/Kg	☼	10/15/25 10:39	10/16/25 04:02	1
Pyrene	**0.063**	**J**	0.36	0.0090	mg/Kg	☼	10/15/25 10:39	10/16/25 04:02	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
2,4,6-Tribromophenol (Surr)	*74*		*18 - 137*	*10/15/25 10:39*	*10/16/25 04:02*	*1*
2-Fluorobiphenyl	*73*		*33 - 117*	*10/15/25 10:39*	*10/16/25 04:02*	*1*
2-Fluorophenol (Surr)	*75*		*24 - 120*	*10/15/25 10:39*	*10/16/25 04:02*	*1*
Nitrobenzene-d5 (Surr)	*69*		*27 - 120*	*10/15/25 10:39*	*10/16/25 04:02*	*1*
Phenol-d5 (Surr)	*73*		*28 - 118*	*10/15/25 10:39*	*10/16/25 04:02*	*1*
Terphenyl-d14 (Surr)	*74*		*33 - 124*	*10/15/25 10:39*	*10/16/25 04:02*	*1*

Method: SW846 8081B - Organochlorine Pesticides (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
4,4'-DDD	0.0074	U	0.0074	0.0013	mg/Kg	☼	10/15/25 10:08	10/16/25 06:06	1
4,4'-DDE	0.0074	U	0.0074	0.00087	mg/Kg	☼	10/15/25 10:08	10/16/25 06:06	1
4,4'-DDT	0.0074	U	0.0074	0.0013	mg/Kg	☼	10/15/25 10:08	10/16/25 06:06	1
Aldrin	0.0074	U	0.0074	0.0011	mg/Kg	☼	10/15/25 10:08	10/16/25 06:06	1
alpha-BHC	0.0022	U	0.0022	0.00075	mg/Kg	☼	10/15/25 10:08	10/16/25 06:06	1
beta-BHC	0.0022	U	0.0022	0.00082	mg/Kg	☼	10/15/25 10:08	10/16/25 06:06	1
Chlordane (technical)	0.074	U	0.074	0.018	mg/Kg	☼	10/15/25 10:08	10/16/25 06:06	1
cis-Chlordane	0.0074	U	0.0074	0.0012	mg/Kg	☼	10/15/25 10:08	10/16/25 06:06	1
delta-BHC	0.0022	U	0.0022	0.00045	mg/Kg	☼	10/15/25 10:08	10/16/25 06:06	1
Dieldrin	0.0022	U	0.0022	0.00095	mg/Kg	☼	10/15/25 10:08	10/16/25 06:06	1
Endosulfan I	0.0074	U	0.0074	0.0011	mg/Kg	☼	10/15/25 10:08	10/16/25 06:06	1
Endosulfan II	0.0074	U	0.0074	0.0019	mg/Kg	☼	10/15/25 10:08	10/16/25 06:06	1
Endosulfan sulfate	0.0074	U	0.0074	0.00092	mg/Kg	☼	10/15/25 10:08	10/16/25 06:06	1
Endrin	0.0074	U	0.0074	0.0011	mg/Kg	☼	10/15/25 10:08	10/16/25 06:06	1
Endrin aldehyde	0.0074	U	0.0074	0.0017	mg/Kg	☼	10/15/25 10:08	10/16/25 06:06	1
Endrin ketone	0.0074	U	0.0074	0.0014	mg/Kg	☼	10/15/25 10:08	10/16/25 06:06	1
gamma-BHC (Lindane)	0.0022	U	0.0022	0.00068	mg/Kg	☼	10/15/25 10:08	10/16/25 06:06	1
Heptachlor	0.0074	U	0.0074	0.00087	mg/Kg	☼	10/15/25 10:08	10/16/25 06:06	1
Heptachlor epoxide	0.0074	U	0.0074	0.0011	mg/Kg	☼	10/15/25 10:08	10/16/25 06:06	1

Client Sample ID: 41A_0-3
Date Collected: 10/13/25 10:40
Date Received: 10/13/25 15:00

Lab Sample ID: 460-337134-3
Matrix: Solid
Percent Solids: 90.5

Method: SW846 8081B - Organochlorine Pesticides (GC) (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Methoxychlor	0.0074	U	0.0074	0.0017	mg/Kg	☼	10/15/25 10:08	10/16/25 06:06	1
Toxaphene	0.074	U	0.074	0.027	mg/Kg	☼	10/15/25 10:08	10/16/25 06:06	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
DCB Decachlorobiphenyl	*37*		*10 - 150*	*10/15/25 10:08*	*10/16/25 06:06*	*1*
DCB Decachlorobiphenyl	*42*		*10 - 150*	*10/15/25 10:08*	*10/16/25 06:06*	*1*
Tetrachloro-m-xylene	*58*		*14 - 150*	*10/15/25 10:08*	*10/16/25 06:06*	*1*
Tetrachloro-m-xylene	*56*		*14 - 150*	*10/15/25 10:08*	*10/16/25 06:06*	*1*

Method: SW846 8082A - Polychlorinated Biphenyls (PCBs) by Gas Chromatography

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Aroclor 1016	0.074	U	0.074	0.020	mg/Kg	☼	10/15/25 10:13	10/16/25 00:45	1
Aroclor 1221	0.074	U	0.074	0.020	mg/Kg	☼	10/15/25 10:13	10/16/25 00:45	1
Aroclor 1232	0.074	U	0.074	0.020	mg/Kg	☼	10/15/25 10:13	10/16/25 00:45	1
Aroclor 1242	0.074	U	0.074	0.020	mg/Kg	☼	10/15/25 10:13	10/16/25 00:45	1
Aroclor 1248	0.074	U	0.074	0.020	mg/Kg	☼	10/15/25 10:13	10/16/25 00:45	1
Aroclor 1254	0.074	U	0.074	0.020	mg/Kg	☼	10/15/25 10:13	10/16/25 00:45	1
Aroclor 1260	0.074	U	0.074	0.020	mg/Kg	☼	10/15/25 10:13	10/16/25 00:45	1
Aroclor-1262	0.074	U	0.074	0.020	mg/Kg	☼	10/15/25 10:13	10/16/25 00:45	1
Aroclor 1268	0.074	U	0.074	0.020	mg/Kg	☼	10/15/25 10:13	10/16/25 00:45	1
Polychlorinated biphenyls, Total	0.074	U	0.074	0.020	mg/Kg	☼	10/15/25 10:13	10/16/25 00:45	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
DCB Decachlorobiphenyl	*66*		*10 - 150*	*10/15/25 10:13*	*10/16/25 00:45*	*1*
DCB Decachlorobiphenyl	*71*		*10 - 150*	*10/15/25 10:13*	*10/16/25 00:45*	*1*
Tetrachloro-m-xylene	*86*		*10 - 150*	*10/15/25 10:13*	*10/16/25 00:45*	*1*
Tetrachloro-m-xylene	*95*		*10 - 150*	*10/15/25 10:13*	*10/16/25 00:45*	*1*

Method: EPA 1633A - Per- and Polyfluoroalkyl Substances by LC/MS/MS, 1633A

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Perfluorobutanoic acid (PFBA)	0.38	U	0.38	0.096	ug/Kg	☼	10/17/25 14:07	10/20/25 17:08	1
Perfluoropentanoic acid (PFPeA)	0.19	U	0.19	0.096	ug/Kg	☼	10/17/25 14:07	10/20/25 17:08	1
Perfluorohexanoic acid (PFHxA)	0.19	U	0.19	0.096	ug/Kg	☼	10/17/25 14:07	10/20/25 17:08	1
Perfluoroheptanoic acid (PFHpA)	0.19	U	0.19	0.096	ug/Kg	☼	10/17/25 14:07	10/20/25 17:08	1
Perfluorooctanoic acid (PFOA)	0.19	U	0.19	0.057	ug/Kg	☼	10/17/25 14:07	10/20/25 17:08	1
Perfluorononanoic acid (PFNA)	**0.38**		0.19	0.096	ug/Kg	☼	10/17/25 14:07	10/20/25 17:08	1
Perfluorodecanoic acid (PFDA)	**0.12**	**J**	0.19	0.057	ug/Kg	☼	10/17/25 14:07	10/20/25 17:08	1
Perfluoroundecanoic acid (PFUnA)	**9.60**		0.19	0.096	ug/Kg	☼	10/17/25 14:07	10/20/25 17:08	1
Perfluorododecanoic acid (PFDoA)	**0.22**		0.19	0.096	ug/Kg	☼	10/17/25 14:07	10/20/25 17:08	1
Perfluorotridecanoic acid (PFTrDA)	**3.41**		0.19	0.096	ug/Kg	☼	10/17/25 14:07	10/20/25 17:08	1
Perfluorotetradecanoic acid (PFTeDA)	0.19	U	0.19	0.096	ug/Kg	☼	10/17/25 14:07	10/20/25 17:08	1
Perfluorobutanesulfonic acid (PFBS)	0.19	U	0.19	0.096	ug/Kg	☼	10/17/25 14:07	10/20/25 17:08	1
Perfluoropentanesulfonic acid (PFPeS)	0.19	U	0.19	0.096	ug/Kg	☼	10/17/25 14:07	10/20/25 17:08	1
Perfluorohexanesulfonic acid (PFHxS)	0.19	U	0.19	0.096	ug/Kg	☼	10/17/25 14:07	10/20/25 17:08	1
Perfluoroheptanesulfonic acid (PFHpS)	0.19	U	0.19	0.096	ug/Kg	☼	10/17/25 14:07	10/20/25 17:08	1
Perfluorooctanesulfonic acid (PFOS)	**0.16**	**J**	0.19	0.096	ug/Kg	☼	10/17/25 14:07	10/20/25 17:08	1

Client Sample ID: 41A_0-3
Date Collected: 10/13/25 10:40
Date Received: 10/13/25 15:00

Lab Sample ID: 460-337134-3
Matrix: Solid
Percent Solids: 90.5

Method: EPA 1633A - Per- and Polyfluoroalkyl Substances by LC/MS/MS, 1633A (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Perfluorononanesulfonic acid (PFNS)	0.19	U	0.19	0.096	ug/Kg	☼	10/17/25 14:07	10/20/25 17:08	1
Perfluorodecanesulfonic acid (PFDS)	0.19	U	0.19	0.096	ug/Kg	☼	10/17/25 14:07	10/20/25 17:08	1
Perfluorododecanesulfonic acid (PFDoS)	0.19	U	0.19	0.096	ug/Kg	☼	10/17/25 14:07	10/20/25 17:08	1
1H,1H,2H,2H-Perfluorohexane sulfonic acid (4:2 FTS)	0.38	U	0.38	0.19	ug/Kg	☼	10/17/25 14:07	10/20/25 17:08	1
1H,1H,2H,2H-Perfluorooctane sulfonic acid (6:2 FTS)	0.38	U	0.38	0.19	ug/Kg	☼	10/17/25 14:07	10/20/25 17:08	1
1H,1H,2H,2H-Perfluorodecane sulfonic acid (8:2 FTS)	0.38	U	0.38	0.19	ug/Kg	☼	10/17/25 14:07	10/20/25 17:08	1
Perfluorooctanesulfonamide (PFOSA)	0.19	U	0.19	0.096	ug/Kg	☼	10/17/25 14:07	10/20/25 17:08	1
N-methylperfluorooctane sulfonamide (NMeFOSA)	0.19	U	0.19	0.096	ug/Kg	☼	10/17/25 14:07	10/20/25 17:08	1
N-ethylperfluorooctane sulfonamide (NEtFOSA)	0.19	U	0.19	0.096	ug/Kg	☼	10/17/25 14:07	10/20/25 17:08	1
N-methylperfluorooctanesulfonamidoacetic acid (NMeFOSAA)	0.19	U	0.19	0.096	ug/Kg	☼	10/17/25 14:07	10/20/25 17:08	1
N-ethylperfluorooctanesulfonamidoacetic acid (NEtFOSAA)	0.19	U	0.19	0.096	ug/Kg	☼	10/17/25 14:07	10/20/25 17:08	1
N-methylperfluorooctane sulfonamidoethanol (NMeFOSE)	0.96	U	0.96	0.48	ug/Kg	☼	10/17/25 14:07	10/20/25 17:08	1
N-ethylperfluorooctane sulfonamidoethanol (NEtFOSE)	0.96	U	0.96	0.48	ug/Kg	☼	10/17/25 14:07	10/20/25 17:08	1
Hexafluoropropylene Oxide Dimer Acid (HFPO-DA)	0.19	U	0.19	0.096	ug/Kg	☼	10/17/25 14:07	10/20/25 17:08	1
4,8-Dioxa-3H-perfluorononanoic acid (ADONA)	0.19	U	0.19	0.096	ug/Kg	☼	10/17/25 14:07	10/20/25 17:08	1
Perfluoro-3-methoxypropanoic acid (PFMPA)	0.19	U	0.19	0.096	ug/Kg	☼	10/17/25 14:07	10/20/25 17:08	1
Perfluoro-4-methoxybutanoic acid (PFMBA)	0.19	U	0.19	0.096	ug/Kg	☼	10/17/25 14:07	10/20/25 17:08	1
Nonafluoro-3,6-dioxaheptanoic acid (NFDHA)	0.19	U	0.19	0.096	ug/Kg	☼	10/17/25 14:07	10/20/25 17:08	1
9-Chlorohexadecafluoro-3-oxanonane-1-sulfonic acid (9Cl-PF3ONS)	0.19	U	0.19	0.096	ug/Kg	☼	10/17/25 14:07	10/20/25 17:08	1
11-Chloroeicosafluoro-3-oxaundecane-1-sulfonic acid (11Cl-PF3OUdS)	0.19	U	0.19	0.096	ug/Kg	☼	10/17/25 14:07	10/20/25 17:08	1
Perfluoro (2-ethoxyethane) sulfonic acid (PFEESA)	0.19	U	0.19	0.096	ug/Kg	☼	10/17/25 14:07	10/20/25 17:08	1
3-Perfluoropropylpropanoic acid (3:3 FTCA)	0.38	U	0.38	0.19	ug/Kg	☼	10/17/25 14:07	10/20/25 17:08	1
3-Perfluoropentylpropanoic acid (5:3 FTCA)	0.96	U	0.96	0.48	ug/Kg	☼	10/17/25 14:07	10/20/25 17:08	1
3-Perfluoroheptylpropanoic acid (7:3 FTCA)	0.96	U	0.96	0.48	ug/Kg	☼	10/17/25 14:07	10/20/25 17:08	1

Isotope Dilution	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
13C4 PFBA	*87.5*		*8 - 130*	*10/17/25 14:07*	*10/20/25 17:08*	*1*
13C5 PFPeA	*82.3*		*35 - 130*	*10/17/25 14:07*	*10/20/25 17:08*	*1*
13C5 PFHxA	*84.6*		*40 - 130*	*10/17/25 14:07*	*10/20/25 17:08*	*1*
13C4 PFHpA	*88.6*		*40 - 130*	*10/17/25 14:07*	*10/20/25 17:08*	*1*
13C8 PFOA	*87.7*		*40 - 130*	*10/17/25 14:07*	*10/20/25 17:08*	*1*
13C9 PFNA	*93.0*		*40 - 130*	*10/17/25 14:07*	*10/20/25 17:08*	*1*
13C6 PFDA	*86.4*		*40 - 130*	*10/17/25 14:07*	*10/20/25 17:08*	*1*
13C7 PFUnA	*77.5*		*40 - 130*	*10/17/25 14:07*	*10/20/25 17:08*	*1*

Client Sample ID: 41A_0-3
Date Collected: 10/13/25 10:40
Date Received: 10/13/25 15:00

Lab Sample ID: 460-337134-3
Matrix: Solid
Percent Solids: 90.5

Method: EPA 1633A - Per- and Polyfluoroalkyl Substances by LC/MS/MS, 1633A (Continued)

Isotope Dilution	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
13C2 PFTeDA	50.9		20 - 130	10/17/25 14:07	10/20/25 17:08	1
13C3 PFBS	88.1		40 - 135	10/17/25 14:07	10/20/25 17:08	1
13C3 PFHxS	89.2		40 - 130	10/17/25 14:07	10/20/25 17:08	1
13C8 PFOS	86.1		40 - 130	10/17/25 14:07	10/20/25 17:08	1
13C8 FOSA	79.0		40 - 130	10/17/25 14:07	10/20/25 17:08	1
d3-NMeFOSAA	88.8		40 - 135	10/17/25 14:07	10/20/25 17:08	1
d5-NEtFOSAA	87.6		40 - 150	10/17/25 14:07	10/20/25 17:08	1
13C2 4:2 FTS	100		40 - 165	10/17/25 14:07	10/20/25 17:08	1
13C2 6:2 FTS	96.7		40 - 215	10/17/25 14:07	10/20/25 17:08	1
13C2 8:2 FTS	124		40 - 275	10/17/25 14:07	10/20/25 17:08	1
13C3 HFPO-DA	84.4		40 - 130	10/17/25 14:07	10/20/25 17:08	1
d7-N-MeFOSE-M	74.9		20 - 130	10/17/25 14:07	10/20/25 17:08	1
d9-N-EtFOSE-M	56.8		15 - 130	10/17/25 14:07	10/20/25 17:08	1
d5-NEtPFOSA	59.5		10 - 130	10/17/25 14:07	10/20/25 17:08	1
d3-NMePFOSA	68.8		10 - 130	10/17/25 14:07	10/20/25 17:08	1
13C2 PFDoA	70.5		40 - 130	10/17/25 14:07	10/20/25 17:08	1

Method: SW846 6020B - Metals (ICP/MS)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Aluminum	8910		17.5	4.8	mg/Kg	☼	10/17/25 20:20	10/18/25 19:06	1
Antimony	0.72	J	0.88	0.13	mg/Kg	☼	10/17/25 20:20	10/18/25 19:06	1
Arsenic	4.5		0.88	0.090	mg/Kg	☼	10/17/25 20:20	10/18/25 19:06	1
Barium	51.3		1.8	0.13	mg/Kg	☼	10/17/25 20:20	10/18/25 19:06	1
Beryllium	0.53		0.35	0.019	mg/Kg	☼	10/17/25 20:20	10/18/25 19:06	1
Cadmium	0.88	U	0.88	0.099	mg/Kg	☼	10/17/25 20:20	10/18/25 19:06	1
Calcium	903		87.7	8.5	mg/Kg	☼	10/17/25 20:20	10/18/25 19:06	1
Chromium	14.0		1.8	0.26	mg/Kg	☼	10/17/25 20:20	10/18/25 19:06	1
Cobalt	6.4		0.88	0.13	mg/Kg	☼	10/17/25 20:20	10/18/25 19:06	1
Copper	19.9		1.8	0.32	mg/Kg	☼	10/17/25 20:20	10/18/25 19:06	1
Iron	17700		52.6	6.7	mg/Kg	☼	10/17/25 20:20	10/18/25 19:06	1
Lead	22.4		0.53	0.18	mg/Kg	☼	10/17/25 20:20	10/18/25 19:06	1
Magnesium	1850		87.7	8.9	mg/Kg	☼	10/17/25 20:20	10/18/25 19:06	1
Manganese	203		3.5	0.35	mg/Kg	☼	10/17/25 20:20	10/18/25 19:06	1
Nickel	11.2		1.8	0.16	mg/Kg	☼	10/17/25 20:20	10/18/25 19:06	1
Potassium	877		87.7	14.2	mg/Kg	☼	10/17/25 20:20	10/18/25 19:06	1
Selenium	0.22	J	1.1	0.11	mg/Kg	☼	10/17/25 20:20	10/18/25 19:06	1
Silver	0.35	U	0.35	0.078	mg/Kg	☼	10/17/25 20:20	10/18/25 19:06	1
Sodium	64.2	J	87.7	40.1	mg/Kg	☼	10/17/25 20:20	10/18/25 19:06	1
Thallium	0.10	J	0.35	0.036	mg/Kg	☼	10/17/25 20:20	10/18/25 19:06	1
Vanadium	23.1		1.8	0.18	mg/Kg	☼	10/17/25 20:20	10/18/25 19:06	1
Zinc	37.6		7.0	0.96	mg/Kg	☼	10/17/25 20:20	10/18/25 19:06	1

Method: SW846 7471B - Mercury (CVAA)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	0.029		0.019	0.0088	mg/Kg	☼	10/21/25 02:09	10/21/25 09:01	1

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Percent Moisture (EPA Moisture)	9.5		1.0	1.0	%			10/16/25 16:57	1
Percent Solids (EPA Moisture)	90.5		1.0	1.0	%			10/16/25 16:57	1

Client Sample ID: 41A_3-6
Date Collected: 10/13/25 10:50
Date Received: 10/13/25 15:00

Lab Sample ID: 460-337134-4
Matrix: Solid
Percent Solids: 86.2

Method: SW846 8270E - Semivolatile Organic Compounds (GC/MS)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1'-Biphenyl	0.38	U	0.38	0.013	mg/Kg	☼	10/15/25 10:39	10/16/25 04:26	1
1,2,4,5-Tetrachlorobenzene	0.38	U	0.38	0.012	mg/Kg	☼	10/15/25 10:39	10/16/25 04:26	1
1,4-Dioxane	0.038	U	0.038	0.033	mg/Kg	☼	10/15/25 10:39	10/16/25 04:26	1
2,2'-oxybis[1-chloropropane]	0.38	U	0.38	0.023	mg/Kg	☼	10/15/25 10:39	10/16/25 04:26	1
2,3,4,6-Tetrachlorophenol	0.38	U	0.38	0.026	mg/Kg	☼	10/15/25 10:39	10/16/25 04:26	1
2,4,5-Trichlorophenol	0.38	U	0.38	0.039	mg/Kg	☼	10/15/25 10:39	10/16/25 04:26	1
2,4,6-Trichlorophenol	0.15	U	0.15	0.049	mg/Kg	☼	10/15/25 10:39	10/16/25 04:26	1
2,4-Dichlorophenol	0.15	U	0.15	0.025	mg/Kg	☼	10/15/25 10:39	10/16/25 04:26	1
2,4-Dimethylphenol	0.38	U	0.38	0.046	mg/Kg	☼	10/15/25 10:39	10/16/25 04:26	1
2,4-Dinitrophenol	0.31	U	0.31	0.19	mg/Kg	☼	10/15/25 10:39	10/16/25 04:26	1
2,4-Dinitrotoluene	0.078	U	0.078	0.041	mg/Kg	☼	10/15/25 10:39	10/16/25 04:26	1
2,6-Dinitrotoluene	0.078	U	0.078	0.028	mg/Kg	☼	10/15/25 10:39	10/16/25 04:26	1
2-Chloronaphthalene	0.38	U	0.38	0.049	mg/Kg	☼	10/15/25 10:39	10/16/25 04:26	1
2-Chlorophenol	0.38	U	0.38	0.014	mg/Kg	☼	10/15/25 10:39	10/16/25 04:26	1
2-Methylnaphthalene	**0.016**	**J**	0.38	0.011	mg/Kg	☼	10/15/25 10:39	10/16/25 04:26	1
2-Methylphenol	0.38	U	0.38	0.014	mg/Kg	☼	10/15/25 10:39	10/16/25 04:26	1
2-Nitroaniline	0.38	U	0.38	0.029	mg/Kg	☼	10/15/25 10:39	10/16/25 04:26	1
2-Nitrophenol	0.38	U	0.38	0.038	mg/Kg	☼	10/15/25 10:39	10/16/25 04:26	1
3 & 4 Methylphenol	0.38	U	0.38	0.024	mg/Kg	☼	10/15/25 10:39	10/16/25 04:26	1
3,3'-Dichlorobenzidine	0.15	U	0.15	0.058	mg/Kg	☼	10/15/25 10:39	10/16/25 04:26	1
3-Nitroaniline	0.38	U	0.38	0.091	mg/Kg	☼	10/15/25 10:39	10/16/25 04:26	1
4,6-Dinitro-2-methylphenol	0.31	U	0.31	0.16	mg/Kg	☼	10/15/25 10:39	10/16/25 04:26	1
4-Bromophenyl phenyl ether	0.38	U	0.38	0.015	mg/Kg	☼	10/15/25 10:39	10/16/25 04:26	1
4-Chloro-3-methylphenol	0.38	U	0.38	0.021	mg/Kg	☼	10/15/25 10:39	10/16/25 04:26	1
4-Chloroaniline	0.38	U	0.38	0.068	mg/Kg	☼	10/15/25 10:39	10/16/25 04:26	1
4-Chlorophenyl phenyl ether	0.38	U	0.38	0.014	mg/Kg	☼	10/15/25 10:39	10/16/25 04:26	1
4-Methylphenol	0.38	U	0.38	0.024	mg/Kg	☼	10/15/25 10:39	10/16/25 04:26	1
4-Nitroaniline	0.38	U	0.38	0.097	mg/Kg	☼	10/15/25 10:39	10/16/25 04:26	1
4-Nitrophenol	0.78	U	0.78	0.062	mg/Kg	☼	10/15/25 10:39	10/16/25 04:26	1
Acenaphthene	**0.016**	**J**	0.38	0.011	mg/Kg	☼	10/15/25 10:39	10/16/25 04:26	1
Acenaphthylene	**0.093**	**J**	0.38	0.011	mg/Kg	☼	10/15/25 10:39	10/16/25 04:26	1
Acetophenone	0.38	U	0.38	0.019	mg/Kg	☼	10/15/25 10:39	10/16/25 04:26	1
Anthracene	**0.13**	**J**	0.38	0.012	mg/Kg	☼	10/15/25 10:39	10/16/25 04:26	1
Atrazine	0.15	U	0.15	0.023	mg/Kg	☼	10/15/25 10:39	10/16/25 04:26	1
Benzaldehyde	0.38	U	0.38	0.063	mg/Kg	☼	10/15/25 10:39	10/16/25 04:26	1
Benzo[a]anthracene	**0.082**		0.038	0.029	mg/Kg	☼	10/15/25 10:39	10/16/25 04:26	1
Benzo[a]pyrene	**0.10**		0.038	0.010	mg/Kg	☼	10/15/25 10:39	10/16/25 04:26	1
Benzo[b]fluoranthene	**0.12**		0.038	0.0099	mg/Kg	☼	10/15/25 10:39	10/16/25 04:26	1
Benzo[g,h,i]perylene	**0.11**	**J**	0.38	0.011	mg/Kg	☼	10/15/25 10:39	10/16/25 04:26	1
Benzo[k]fluoranthene	**0.045**		0.038	0.0075	mg/Kg	☼	10/15/25 10:39	10/16/25 04:26	1
Bis(2-chloroethoxy)methane	0.38	U	0.38	0.071	mg/Kg	☼	10/15/25 10:39	10/16/25 04:26	1
Bis(2-chloroethyl)ether	0.038	U	0.038	0.013	mg/Kg	☼	10/15/25 10:39	10/16/25 04:26	1
Bis(2-ethylhexyl) phthalate	0.38	U	0.38	0.020	mg/Kg	☼	10/15/25 10:39	10/16/25 04:26	1
Butyl benzyl phthalate	0.38	U	0.38	0.018	mg/Kg	☼	10/15/25 10:39	10/16/25 04:26	1
Caprolactam	0.38	U	0.38	0.060	mg/Kg	☼	10/15/25 10:39	10/16/25 04:26	1
Carbazole	**0.054**	**J**	0.38	0.015	mg/Kg	☼	10/15/25 10:39	10/16/25 04:26	1
Chrysene	**0.097**	**J**	0.38	0.016	mg/Kg	☼	10/15/25 10:39	10/16/25 04:26	1
Dibenz(a,h)anthracene	**0.019**	**J**	0.038	0.017	mg/Kg	☼	10/15/25 10:39	10/16/25 04:26	1
Dibenzofuran	0.38	U	0.38	0.013	mg/Kg	☼	10/15/25 10:39	10/16/25 04:26	1

Client Sample ID: 41A_3-6
Date Collected: 10/13/25 10:50
Date Received: 10/13/25 15:00

Lab Sample ID: 460-337134-4
Matrix: Solid
Percent Solids: 86.2

Method: SW846 8270E - Semivolatile Organic Compounds (GC/MS) (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Diethyl phthalate	0.38	U	0.38	0.012	mg/Kg	☼	10/15/25 10:39	10/16/25 04:26	1
Dimethyl phthalate	0.38	U	0.38	0.087	mg/Kg	☼	10/15/25 10:39	10/16/25 04:26	1
Di-n-butyl phthalate	0.38	U	0.38	0.014	mg/Kg	☼	10/15/25 10:39	10/16/25 04:26	1
Di-n-octyl phthalate	0.38	U	0.38	0.020	mg/Kg	☼	10/15/25 10:39	10/16/25 04:26	1
Fluoranthene	**0.16**	**J**	0.38	0.013	mg/Kg	☼	10/15/25 10:39	10/16/25 04:26	1
Fluorene	**0.020**	**J**	0.38	0.011	mg/Kg	☼	10/15/25 10:39	10/16/25 04:26	1
Hexachlorobenzene	0.038	U	0.038	0.018	mg/Kg	☼	10/15/25 10:39	10/16/25 04:26	1
Hexachlorobutadiene	0.078	U	0.078	0.0081	mg/Kg	☼	10/15/25 10:39	10/16/25 04:26	1
Hexachlorocyclopentadiene	0.38	U	0.38	0.034	mg/Kg	☼	10/15/25 10:39	10/16/25 04:26	1
Hexachloroethane	0.038	U	0.038	0.013	mg/Kg	☼	10/15/25 10:39	10/16/25 04:26	1
Indeno[1,2,3-cd]pyrene	**0.085**		0.038	0.015	mg/Kg	☼	10/15/25 10:39	10/16/25 04:26	1
Isophorone	0.15	U	0.15	0.11	mg/Kg	☼	10/15/25 10:39	10/16/25 04:26	1
Naphthalene	**0.022**	**J**	0.38	0.0066	mg/Kg	☼	10/15/25 10:39	10/16/25 04:26	1
Nitrobenzene	0.038	U	0.038	0.021	mg/Kg	☼	10/15/25 10:39	10/16/25 04:26	1
N-Nitrosodi-n-propylamine	0.038	U	0.038	0.028	mg/Kg	☼	10/15/25 10:39	10/16/25 04:26	1
N-Nitrosodiphenylamine	0.38	U	0.38	0.031	mg/Kg	☼	10/15/25 10:39	10/16/25 04:26	1
Pentachlorophenol	0.31	U	0.31	0.078	mg/Kg	☼	10/15/25 10:39	10/16/25 04:26	1
Phenanthrene	**0.15**	**J**	0.38	0.016	mg/Kg	☼	10/15/25 10:39	10/16/25 04:26	1
Phenol	0.38	U	0.38	0.014	mg/Kg	☼	10/15/25 10:39	10/16/25 04:26	1
Pyrene	**0.15**	**J**	0.38	0.0095	mg/Kg	☼	10/15/25 10:39	10/16/25 04:26	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
2,4,6-Tribromophenol (Surr)	*88*		*18 - 137*	*10/15/25 10:39*	*10/16/25 04:26*	*1*
2-Fluorobiphenyl	*85*		*33 - 117*	*10/15/25 10:39*	*10/16/25 04:26*	*1*
2-Fluorophenol (Surr)	*86*		*24 - 120*	*10/15/25 10:39*	*10/16/25 04:26*	*1*
Nitrobenzene-d5 (Surr)	*79*		*27 - 120*	*10/15/25 10:39*	*10/16/25 04:26*	*1*
Phenol-d5 (Surr)	*82*		*28 - 118*	*10/15/25 10:39*	*10/16/25 04:26*	*1*
Terphenyl-d14 (Surr)	*88*		*33 - 124*	*10/15/25 10:39*	*10/16/25 04:26*	*1*

Method: SW846 8081B - Organochlorine Pesticides (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
4,4'-DDD	0.0077	U	0.0077	0.0013	mg/Kg	☼	10/15/25 10:08	10/16/25 06:18	1
4,4'-DDE	0.0077	U	0.0077	0.00091	mg/Kg	☼	10/15/25 10:08	10/16/25 06:18	1
4,4'-DDT	0.0077	U	0.0077	0.0014	mg/Kg	☼	10/15/25 10:08	10/16/25 06:18	1
Aldrin	0.0077	U	0.0077	0.0012	mg/Kg	☼	10/15/25 10:08	10/16/25 06:18	1
alpha-BHC	0.0023	U	0.0023	0.00079	mg/Kg	☼	10/15/25 10:08	10/16/25 06:18	1
beta-BHC	0.0023	U	0.0023	0.00087	mg/Kg	☼	10/15/25 10:08	10/16/25 06:18	1
Chlordane (technical)	0.077	U	0.077	0.019	mg/Kg	☼	10/15/25 10:08	10/16/25 06:18	1
cis-Chlordane	0.0077	U	0.0077	0.0012	mg/Kg	☼	10/15/25 10:08	10/16/25 06:18	1
delta-BHC	0.0023	U	0.0023	0.00047	mg/Kg	☼	10/15/25 10:08	10/16/25 06:18	1
Dieldrin	0.0023	U	0.0023	0.0010	mg/Kg	☼	10/15/25 10:08	10/16/25 06:18	1
Endosulfan I	0.0077	U	0.0077	0.0012	mg/Kg	☼	10/15/25 10:08	10/16/25 06:18	1
Endosulfan II	0.0077	U	0.0077	0.0020	mg/Kg	☼	10/15/25 10:08	10/16/25 06:18	1
Endosulfan sulfate	0.0077	U	0.0077	0.00097	mg/Kg	☼	10/15/25 10:08	10/16/25 06:18	1
Endrin	0.0077	U	0.0077	0.0011	mg/Kg	☼	10/15/25 10:08	10/16/25 06:18	1
Endrin aldehyde	0.0077	U	0.0077	0.0018	mg/Kg	☼	10/15/25 10:08	10/16/25 06:18	1
Endrin ketone	0.0077	U	0.0077	0.0015	mg/Kg	☼	10/15/25 10:08	10/16/25 06:18	1
gamma-BHC (Lindane)	0.0023	U	0.0023	0.00072	mg/Kg	☼	10/15/25 10:08	10/16/25 06:18	1
Heptachlor	0.0077	U	0.0077	0.00091	mg/Kg	☼	10/15/25 10:08	10/16/25 06:18	1
Heptachlor epoxide	0.0077	U	0.0077	0.0012	mg/Kg	☼	10/15/25 10:08	10/16/25 06:18	1

Client Sample ID: 41A_3-6
Date Collected: 10/13/25 10:50
Date Received: 10/13/25 15:00

Lab Sample ID: 460-337134-4
Matrix: Solid
Percent Solids: 86.2

Method: SW846 8081B - Organochlorine Pesticides (GC) (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Methoxychlor	0.0077	U	0.0077	0.0018	mg/Kg	☼	10/15/25 10:08	10/16/25 06:18	1
Toxaphene	0.077	U	0.077	0.028	mg/Kg	☼	10/15/25 10:08	10/16/25 06:18	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
DCB Decachlorobiphenyl	*46*		*10 - 150*	*10/15/25 10:08*	*10/16/25 06:18*	*1*
DCB Decachlorobiphenyl	*46*		*10 - 150*	*10/15/25 10:08*	*10/16/25 06:18*	*1*
Tetrachloro-m-xylene	*58*		*14 - 150*	*10/15/25 10:08*	*10/16/25 06:18*	*1*
Tetrachloro-m-xylene	*57*		*14 - 150*	*10/15/25 10:08*	*10/16/25 06:18*	*1*

Method: SW846 8082A - Polychlorinated Biphenyls (PCBs) by Gas Chromatography

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Aroclor 1016	0.077	U	0.077	0.021	mg/Kg	☼	10/15/25 10:13	10/16/25 01:02	1
Aroclor 1221	0.077	U	0.077	0.021	mg/Kg	☼	10/15/25 10:13	10/16/25 01:02	1
Aroclor 1232	0.077	U	0.077	0.021	mg/Kg	☼	10/15/25 10:13	10/16/25 01:02	1
Aroclor 1242	0.077	U	0.077	0.021	mg/Kg	☼	10/15/25 10:13	10/16/25 01:02	1
Aroclor 1248	0.077	U	0.077	0.021	mg/Kg	☼	10/15/25 10:13	10/16/25 01:02	1
Aroclor 1254	0.077	U	0.077	0.021	mg/Kg	☼	10/15/25 10:13	10/16/25 01:02	1
Aroclor 1260	0.077	U	0.077	0.021	mg/Kg	☼	10/15/25 10:13	10/16/25 01:02	1
Aroclor-1262	0.077	U	0.077	0.021	mg/Kg	☼	10/15/25 10:13	10/16/25 01:02	1
Aroclor 1268	0.077	U	0.077	0.021	mg/Kg	☼	10/15/25 10:13	10/16/25 01:02	1
Polychlorinated biphenyls, Total	0.077	U	0.077	0.021	mg/Kg	☼	10/15/25 10:13	10/16/25 01:02	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
DCB Decachlorobiphenyl	*62*		*10 - 150*	*10/15/25 10:13*	*10/16/25 01:02*	*1*
DCB Decachlorobiphenyl	*68*		*10 - 150*	*10/15/25 10:13*	*10/16/25 01:02*	*1*
Tetrachloro-m-xylene	*74*		*10 - 150*	*10/15/25 10:13*	*10/16/25 01:02*	*1*
Tetrachloro-m-xylene	*84*		*10 - 150*	*10/15/25 10:13*	*10/16/25 01:02*	*1*

Method: EPA 1633A - Per- and Polyfluoroalkyl Substances by LC/MS/MS, 1633A

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Perfluorobutanoic acid (PFBA)	0.40	U	0.40	0.099	ug/Kg	☼	10/17/25 14:07	10/20/25 17:22	1
Perfluoropentanoic acid (PFPeA)	0.20	U	0.20	0.099	ug/Kg	☼	10/17/25 14:07	10/20/25 17:22	1
Perfluorohexanoic acid (PFHxA)	0.20	U	0.20	0.099	ug/Kg	☼	10/17/25 14:07	10/20/25 17:22	1
Perfluoroheptanoic acid (PFHpA)	0.20	U	0.20	0.099	ug/Kg	☼	10/17/25 14:07	10/20/25 17:22	1
Perfluorooctanoic acid (PFOA)	0.20	U	0.20	0.060	ug/Kg	☼	10/17/25 14:07	10/20/25 17:22	1
Perfluorononanoic acid (PFNA)	**0.36**		0.20	0.099	ug/Kg	☼	10/17/25 14:07	10/20/25 17:22	1
Perfluorodecanoic acid (PFDA)	**0.081**	**J**	0.20	0.060	ug/Kg	☼	10/17/25 14:07	10/20/25 17:22	1
Perfluoroundecanoic acid (PFUnA)	**5.46**		0.20	0.099	ug/Kg	☼	10/17/25 14:07	10/20/25 17:22	1
Perfluorododecanoic acid (PFDoA)	**0.23**		0.20	0.099	ug/Kg	☼	10/17/25 14:07	10/20/25 17:22	1
Perfluorotridecanoic acid (PFTrDA)	**3.83**		0.20	0.099	ug/Kg	☼	10/17/25 14:07	10/20/25 17:22	1
Perfluorotetradecanoic acid (PFTeDA)	**0.10**	**J**	0.20	0.099	ug/Kg	☼	10/17/25 14:07	10/20/25 17:22	1
Perfluorobutanesulfonic acid (PFBS)	0.20	U	0.20	0.099	ug/Kg	☼	10/17/25 14:07	10/20/25 17:22	1
Perfluoropentanesulfonic acid (PFPeS)	0.20	U	0.20	0.099	ug/Kg	☼	10/17/25 14:07	10/20/25 17:22	1
Perfluorohexanesulfonic acid (PFHxS)	0.20	U	0.20	0.099	ug/Kg	☼	10/17/25 14:07	10/20/25 17:22	1
Perfluoroheptanesulfonic acid (PFHpS)	0.20	U	0.20	0.099	ug/Kg	☼	10/17/25 14:07	10/20/25 17:22	1

Client Sample ID: 41A_3-6
Date Collected: 10/13/25 10:50
Date Received: 10/13/25 15:00

Lab Sample ID: 460-337134-4
Matrix: Solid
Percent Solids: 86.2

Method: EPA 1633A - Per- and Polyfluoroalkyl Substances by LC/MS/MS, 1633A (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Perfluorooctanesulfonic acid (PFOS)	**0.18**	**J**	0.20	0.099	ug/Kg	☼	10/17/25 14:07	10/20/25 17:22	1
Perfluorononanesulfonic acid (PFNS)	0.20	U	0.20	0.099	ug/Kg	☼	10/17/25 14:07	10/20/25 17:22	1
Perfluorodecanesulfonic acid (PFDS)	0.20	U	0.20	0.099	ug/Kg	☼	10/17/25 14:07	10/20/25 17:22	1
Perfluorododecanesulfonic acid (PFDoS)	0.20	U	0.20	0.099	ug/Kg	☼	10/17/25 14:07	10/20/25 17:22	1
1H,1H,2H,2H-Perfluorohexane sulfonic acid (4:2 FTS)	0.40	U	0.40	0.20	ug/Kg	☼	10/17/25 14:07	10/20/25 17:22	1
1H,1H,2H,2H-Perfluorooctane sulfonic acid (6:2 FTS)	0.40	U	0.40	0.20	ug/Kg	☼	10/17/25 14:07	10/20/25 17:22	1
1H,1H,2H,2H-Perfluorodecane sulfonic acid (8:2 FTS)	0.40	U	0.40	0.20	ug/Kg	☼	10/17/25 14:07	10/20/25 17:22	1
Perfluorooctanesulfonamide (PFOSA)	0.20	U	0.20	0.099	ug/Kg	☼	10/17/25 14:07	10/20/25 17:22	1
N-methylperfluorooctane sulfonamide (NMeFOSA)	0.20	U	0.20	0.099	ug/Kg	☼	10/17/25 14:07	10/20/25 17:22	1
N-ethylperfluorooctane sulfonamide (NEtFOSA)	0.20	U	0.20	0.099	ug/Kg	☼	10/17/25 14:07	10/20/25 17:22	1
N-methylperfluorooctanesulfonamidoacetic acid (NMeFOSAA)	0.20	U	0.20	0.099	ug/Kg	☼	10/17/25 14:07	10/20/25 17:22	1
N-ethylperfluorooctanesulfonamidoacetic acid (NEtFOSAA)	0.20	U	0.20	0.099	ug/Kg	☼	10/17/25 14:07	10/20/25 17:22	1
N-methylperfluorooctane sulfonamidoethanol (NMeFOSE)	0.99	U	0.99	0.50	ug/Kg	☼	10/17/25 14:07	10/20/25 17:22	1
N-ethylperfluorooctane sulfonamidoethanol (NEtFOSE)	0.99	U	0.99	0.50	ug/Kg	☼	10/17/25 14:07	10/20/25 17:22	1
Hexafluoropropylene Oxide Dimer Acid (HFPO-DA)	0.20	U	0.20	0.099	ug/Kg	☼	10/17/25 14:07	10/20/25 17:22	1
4,8-Dioxa-3H-perfluorononanoic acid (ADONA)	0.20	U	0.20	0.099	ug/Kg	☼	10/17/25 14:07	10/20/25 17:22	1
Perfluoro-3-methoxypropanoic acid (PFMPA)	0.20	U	0.20	0.099	ug/Kg	☼	10/17/25 14:07	10/20/25 17:22	1
Perfluoro-4-methoxybutanoic acid (PFMBA)	0.20	U	0.20	0.099	ug/Kg	☼	10/17/25 14:07	10/20/25 17:22	1
Nonafluoro-3,6-dioxaheptanoic acid (NFDHA)	0.20	U	0.20	0.099	ug/Kg	☼	10/17/25 14:07	10/20/25 17:22	1
9-Chlorohexadecafluoro-3-oxanonane-1-sulfonic acid (9Cl-PF3ONS)	0.20	U	0.20	0.099	ug/Kg	☼	10/17/25 14:07	10/20/25 17:22	1
11-Chloroeicosafluoro-3-oxaundecane-1-sulfonic acid (11Cl-PF3OUdS)	0.20	U	0.20	0.099	ug/Kg	☼	10/17/25 14:07	10/20/25 17:22	1
Perfluoro (2-ethoxyethane) sulfonic acid (PFEESA)	0.20	U	0.20	0.099	ug/Kg	☼	10/17/25 14:07	10/20/25 17:22	1
3-Perfluoropropylpropanoic acid (3:3 FTCA)	0.40	U	0.40	0.20	ug/Kg	☼	10/17/25 14:07	10/20/25 17:22	1
3-Perfluoropentylpropanoic acid (5:3 FTCA)	0.99	U	0.99	0.50	ug/Kg	☼	10/17/25 14:07	10/20/25 17:22	1
3-Perfluoroheptylpropanoic acid (7:3 FTCA)	0.99	U	0.99	0.50	ug/Kg	☼	10/17/25 14:07	10/20/25 17:22	1

Isotope Dilution	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
13C4 PFBA	*87.3*		*8 - 130*	*10/17/25 14:07*	*10/20/25 17:22*	*1*
13C5 PFPeA	*80.6*		*35 - 130*	*10/17/25 14:07*	*10/20/25 17:22*	*1*
13C5 PFHxA	*85.5*		*40 - 130*	*10/17/25 14:07*	*10/20/25 17:22*	*1*
13C4 PFHpA	*84.3*		*40 - 130*	*10/17/25 14:07*	*10/20/25 17:22*	*1*
13C8 PFOA	*93.6*		*40 - 130*	*10/17/25 14:07*	*10/20/25 17:22*	*1*
13C9 PFNA	*91.2*		*40 - 130*	*10/17/25 14:07*	*10/20/25 17:22*	*1*
13C6 PFDA	*82.7*		*40 - 130*	*10/17/25 14:07*	*10/20/25 17:22*	*1*

Client Sample ID: 41A_3-6
Date Collected: 10/13/25 10:50
Date Received: 10/13/25 15:00

Lab Sample ID: 460-337134-4
Matrix: Solid
Percent Solids: 86.2

Method: EPA 1633A - Per- and Polyfluoroalkyl Substances by LC/MS/MS, 1633A (Continued)

Isotope Dilution	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
13C7 PFUnA	73.9		40 - 130	10/17/25 14:07	10/20/25 17:22	1
13C2 PFTeDA	81.0		20 - 130	10/17/25 14:07	10/20/25 17:22	1
13C3 PFBS	85.1		40 - 135	10/17/25 14:07	10/20/25 17:22	1
13C3 PFHxS	86.2		40 - 130	10/17/25 14:07	10/20/25 17:22	1
13C8 PFOS	86.1		40 - 130	10/17/25 14:07	10/20/25 17:22	1
13C8 FOSA	79.0		40 - 130	10/17/25 14:07	10/20/25 17:22	1
d3-NMeFOSAA	87.4		40 - 135	10/17/25 14:07	10/20/25 17:22	1
d5-NEtFOSAA	81.3		40 - 150	10/17/25 14:07	10/20/25 17:22	1
13C2 4:2 FTS	94.4		40 - 165	10/17/25 14:07	10/20/25 17:22	1
13C2 6:2 FTS	90.9		40 - 215	10/17/25 14:07	10/20/25 17:22	1
13C2 8:2 FTS	123		40 - 275	10/17/25 14:07	10/20/25 17:22	1
13C3 HFPO-DA	80.5		40 - 130	10/17/25 14:07	10/20/25 17:22	1
d7-N-MeFOSE-M	67.2		20 - 130	10/17/25 14:07	10/20/25 17:22	1
d9-N-EtFOSE-M	57.8		15 - 130	10/17/25 14:07	10/20/25 17:22	1
d5-NEtPFOSA	76.1		10 - 130	10/17/25 14:07	10/20/25 17:22	1
d3-NMePFOSA	76.7		10 - 130	10/17/25 14:07	10/20/25 17:22	1
13C2 PFDoA	70.4		40 - 130	10/17/25 14:07	10/20/25 17:22	1

Method: SW846 6020B - Metals (ICP/MS)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Aluminum	8780		17.6	4.8	mg/Kg	☼	10/17/25 20:20	10/18/25 13:07	1
Antimony	0.94		0.88	0.13	mg/Kg	☼	10/17/25 20:20	10/18/25 13:07	1
Arsenic	5.7		0.88	0.091	mg/Kg	☼	10/17/25 20:20	10/18/25 13:07	1
Barium	50.7		1.8	0.13	mg/Kg	☼	10/17/25 20:20	10/18/25 13:07	1
Beryllium	0.59		0.35	0.019	mg/Kg	☼	10/17/25 20:20	10/18/25 13:07	1
Cadmium	0.14	J	0.88	0.099	mg/Kg	☼	10/17/25 20:20	10/18/25 13:07	1
Calcium	2110		87.9	8.6	mg/Kg	☼	10/17/25 20:20	10/18/25 13:07	1
Chromium	16.5		1.8	0.26	mg/Kg	☼	10/17/25 20:20	10/18/25 13:07	1
Cobalt	7.7		0.88	0.13	mg/Kg	☼	10/17/25 20:20	10/18/25 13:07	1
Copper	29.0		1.8	0.32	mg/Kg	☼	10/17/25 20:20	10/18/25 13:07	1
Iron	19600		52.8	6.7	mg/Kg	☼	10/17/25 20:20	10/18/25 13:07	1
Lead	33.9		0.53	0.18	mg/Kg	☼	10/17/25 20:20	10/18/25 13:07	1
Magnesium	3020		87.9	9.0	mg/Kg	☼	10/17/25 20:20	10/18/25 13:07	1
Manganese	195		3.5	0.35	mg/Kg	☼	10/17/25 20:20	10/18/25 13:07	1
Nickel	14.2		1.8	0.16	mg/Kg	☼	10/17/25 20:20	10/18/25 13:07	1
Potassium	1120		87.9	14.2	mg/Kg	☼	10/17/25 20:20	10/18/25 13:07	1
Selenium	0.30	J	1.1	0.11	mg/Kg	☼	10/17/25 20:20	10/18/25 13:07	1
Silver	0.11	J	0.35	0.078	mg/Kg	☼	10/17/25 20:20	10/18/25 13:07	1
Sodium	96.2		87.9	40.2	mg/Kg	☼	10/17/25 20:20	10/18/25 13:07	1
Thallium	0.12	J	0.35	0.036	mg/Kg	☼	10/17/25 20:20	10/18/25 13:07	1
Vanadium	26.9		1.8	0.18	mg/Kg	☼	10/17/25 20:20	10/18/25 13:07	1
Zinc	49.4		7.0	0.96	mg/Kg	☼	10/17/25 20:20	10/18/25 13:07	1

Method: SW846 7471B - Mercury (CVAA)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	0.032		0.019	0.0088	mg/Kg	☼	10/21/25 02:09	10/21/25 09:03	1

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Percent Moisture (EPA Moisture)	13.8		1.0	1.0	%			10/16/25 16:57	1

Client Sample ID: 41A_3-6
Date Collected: 10/13/25 10:50
Date Received: 10/13/25 15:00

Lab Sample ID: 460-337134-4
Matrix: Solid
Percent Solids: 86.2

General Chemistry (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Percent Solids (EPA Moisture)	86.2		1.0	1.0	%			10/16/25 16:57	1

Client Sample ID: 20A1_4-5
Date Collected: 10/13/25 09:00
Date Received: 10/13/25 15:00

Lab Sample ID: 460-337134-5
Matrix: Solid
Percent Solids: 89.9

Method: SW846 8260D - Volatile Organic Compounds by GC/MS

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1-Trichloroethane	0.0012	U	0.0012	0.00028	mg/Kg	☼	10/15/25 09:32	10/15/25 20:20	1
1,1,2,2-Tetrachloroethane	0.0012	U	0.0012	0.00063	mg/Kg	☼	10/15/25 09:32	10/15/25 20:20	1
1,1,2-Trichloro-1,2,2-trifluoroethane	0.0012	U	0.0012	0.00036	mg/Kg	☼	10/15/25 09:32	10/15/25 20:20	1
1,1,2-Trichloroethane	0.0012	U *	0.0012	0.00073	mg/Kg	☼	10/15/25 09:32	10/15/25 20:20	1
1,1-Dichloroethane	0.0012	U	0.0012	0.00072	mg/Kg	☼	10/15/25 09:32	10/15/25 20:20	1
1,1-Dichloroethene	0.0012	U	0.0012	0.00027	mg/Kg	☼	10/15/25 09:32	10/15/25 20:20	1
1,2,3-Trichlorobenzene	0.0012	U	0.0012	0.00089	mg/Kg	☼	10/15/25 09:32	10/15/25 20:20	1
1,2,4-Trichlorobenzene	0.0012	U	0.0012	0.00043	mg/Kg	☼	10/15/25 09:32	10/15/25 20:20	1
1,2,4-Trimethylbenzene	0.0012	U	0.0012	0.00030	mg/Kg	☼	10/15/25 09:32	10/15/25 20:20	1
1,2-Dibromo-3-Chloropropane	0.0012	U	0.0012	0.00056	mg/Kg	☼	10/15/25 09:32	10/15/25 20:20	1
1,2-Dichlorobenzene	0.0012	U	0.0012	0.00044	mg/Kg	☼	10/15/25 09:32	10/15/25 20:20	1
1,2-Dichloroethane	0.0012	U	0.0012	0.00036	mg/Kg	☼	10/15/25 09:32	10/15/25 20:20	1
1,2-Dichloropropane	0.0012	U	0.0012	0.00051	mg/Kg	☼	10/15/25 09:32	10/15/25 20:20	1
1,3,5-Trimethylbenzene	0.0012	U	0.0012	0.00038	mg/Kg	☼	10/15/25 09:32	10/15/25 20:20	1
1,3-Dichlorobenzene	0.0012	U	0.0012	0.00044	mg/Kg	☼	10/15/25 09:32	10/15/25 20:20	1
1,4-Dichlorobenzene	0.0012	U	0.0012	0.00063	mg/Kg	☼	10/15/25 09:32	10/15/25 20:20	1
2-Butanone (MEK)	0.0061	U	0.0061	0.00045	mg/Kg	☼	10/15/25 09:32	10/15/25 20:20	1
2-Hexanone	0.0061	U	0.0061	0.0021	mg/Kg	☼	10/15/25 09:32	10/15/25 20:20	1
4-Methyl-2-pentanone (MIBK)	0.0061	U *	0.0061	0.0019	mg/Kg	☼	10/15/25 09:32	10/15/25 20:20	1
Acetone	0.0073	U	0.0073	0.0069	mg/Kg	☼	10/15/25 09:32	10/15/25 20:20	1
Benzene	0.0012	U	0.0012	0.00069	mg/Kg	☼	10/15/25 09:32	10/15/25 20:20	1
Bromoform	0.0012	U	0.0012	0.00051	mg/Kg	☼	10/15/25 09:32	10/15/25 20:20	1
Bromomethane	0.0024	U	0.0024	0.0012	mg/Kg	☼	10/15/25 09:32	10/15/25 20:20	1
Carbon disulfide	0.0012	U	0.0012	0.00032	mg/Kg	☼	10/15/25 09:32	10/15/25 20:20	1
Carbon tetrachloride	0.0012	U	0.0012	0.00047	mg/Kg	☼	10/15/25 09:32	10/15/25 20:20	1
Chlorobenzene	0.0012	U	0.0012	0.00061	mg/Kg	☼	10/15/25 09:32	10/15/25 20:20	1
Chlorobromomethane	0.0012	U	0.0012	0.00072	mg/Kg	☼	10/15/25 09:32	10/15/25 20:20	1
Chlorodibromomethane	0.0012	U	0.0012	0.00065	mg/Kg	☼	10/15/25 09:32	10/15/25 20:20	1
Chloroethane	0.0012	U	0.0012	0.00063	mg/Kg	☼	10/15/25 09:32	10/15/25 20:20	1
Chloroform	0.0012	U	0.0012	0.0012	mg/Kg	☼	10/15/25 09:32	10/15/25 20:20	1
Chloromethane	0.0012	U	0.0012	0.00053	mg/Kg	☼	10/15/25 09:32	10/15/25 20:20	1
cis-1,2-Dichloroethene	0.0012	U	0.0012	0.00043	mg/Kg	☼	10/15/25 09:32	10/15/25 20:20	1
cis-1,3-Dichloropropene	0.0012	U	0.0012	0.00033	mg/Kg	☼	10/15/25 09:32	10/15/25 20:20	1
Cyclohexane	0.0012	U	0.0012	0.00027	mg/Kg	☼	10/15/25 09:32	10/15/25 20:20	1
Dichlorobromomethane	0.0012	U	0.0012	0.00031	mg/Kg	☼	10/15/25 09:32	10/15/25 20:20	1
Dichlorodifluoromethane	0.0012	U *	0.0012	0.00041	mg/Kg	☼	10/15/25 09:32	10/15/25 20:20	1
Ethylbenzene	0.0012	U	0.0012	0.00057	mg/Kg	☼	10/15/25 09:32	10/15/25 20:20	1
Ethylene Dibromide	0.0012	U *	0.0012	0.00061	mg/Kg	☼	10/15/25 09:32	10/15/25 20:20	1
Isopropylbenzene	0.0012	U	0.0012	0.00035	mg/Kg	☼	10/15/25 09:32	10/15/25 20:20	1
Methyl acetate	0.0061	U	0.0061	0.0052	mg/Kg	☼	10/15/25 09:32	10/15/25 20:20	1
Methyl tert-butyl ether	0.0012	U	0.0012	0.00062	mg/Kg	☼	10/15/25 09:32	10/15/25 20:20	1
Methylcyclohexane	0.0012	U	0.0012	0.00060	mg/Kg	☼	10/15/25 09:32	10/15/25 20:20	1

Client Sample ID: 20A1_4-5

Date Collected: 10/13/25 09:00
Date Received: 10/13/25 15:00

Lab Sample ID: 460-337134-5

Matrix: Solid
Percent Solids: 89.9

Method: SW846 8260D - Volatile Organic Compounds by GC/MS (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Methylene Chloride	**0.0027**		0.0024	0.0014	mg/Kg	☼	10/15/25 09:32	10/15/25 20:20	1
m-Xylene & p-Xylene	0.0012	U	0.0012	0.00051	mg/Kg	☼	10/15/25 09:32	10/15/25 20:20	1
n-Butylbenzene	0.0012	U	0.0012	0.00036	mg/Kg	☼	10/15/25 09:32	10/15/25 20:20	1
N-Propylbenzene	0.0012	U	0.0012	0.00054	mg/Kg	☼	10/15/25 09:32	10/15/25 20:20	1
o-Xylene	0.0012	U	0.0012	0.00056	mg/Kg	☼	10/15/25 09:32	10/15/25 20:20	1
sec-Butylbenzene	0.0012	U	0.0012	0.00035	mg/Kg	☼	10/15/25 09:32	10/15/25 20:20	1
Styrene	0.0012	U	0.0012	0.00034	mg/Kg	☼	10/15/25 09:32	10/15/25 20:20	1
tert-Butylbenzene	0.0012	U	0.0012	0.00033	mg/Kg	☼	10/15/25 09:32	10/15/25 20:20	1
Tetrachloroethene	0.0012	U	0.0012	0.00037	mg/Kg	☼	10/15/25 09:32	10/15/25 20:20	1
Toluene	0.0012	U	0.0012	0.00028	mg/Kg	☼	10/15/25 09:32	10/15/25 20:20	1
trans-1,2-Dichloroethene	0.0012	U	0.0012	0.00030	mg/Kg	☼	10/15/25 09:32	10/15/25 20:20	1
trans-1,3-Dichloropropene	0.0012	U	0.0012	0.00032	mg/Kg	☼	10/15/25 09:32	10/15/25 20:20	1
Trichloroethene	0.0012	U	0.0012	0.00039	mg/Kg	☼	10/15/25 09:32	10/15/25 20:20	1
Trichlorofluoromethane	0.0012	U	0.0012	0.00049	mg/Kg	☼	10/15/25 09:32	10/15/25 20:20	1
Vinyl chloride	0.0012	U	0.0012	0.00066	mg/Kg	☼	10/15/25 09:32	10/15/25 20:20	1
Xylenes, Total	0.0024	U	0.0024	0.00021	mg/Kg	☼	10/15/25 09:32	10/15/25 20:20	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,2-Dichloroethane-d4 (Surr)	*102*		*65 - 138*	*10/15/25 09:32*	*10/15/25 20:20*	*1*
4-Bromofluorobenzene	*105*		*71 - 128*	*10/15/25 09:32*	*10/15/25 20:20*	*1*
Dibromofluoromethane (Surr)	*100*		*50 - 150*	*10/15/25 09:32*	*10/15/25 20:20*	*1*
Toluene-d8 (Surr)	*94*		*71 - 126*	*10/15/25 09:32*	*10/15/25 20:20*	*1*

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Percent Moisture (EPA Moisture)	**10.1**		1.0	1.0	%			10/16/25 16:57	1
Percent Solids (EPA Moisture)	**89.9**		1.0	1.0	%			10/16/25 16:57	1

Client Sample ID: 20A2_1-2

Date Collected: 10/13/25 09:05
Date Received: 10/13/25 15:00

Lab Sample ID: 460-337134-6

Matrix: Solid
Percent Solids: 94.6

Method: SW846 8260D - Volatile Organic Compounds by GC/MS

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1-Trichloroethane	0.0015	U	0.0015	0.00036	mg/Kg	☼	10/15/25 09:32	10/15/25 20:43	1
1,1,2,2-Tetrachloroethane	0.0015	U	0.0015	0.00081	mg/Kg	☼	10/15/25 09:32	10/15/25 20:43	1
1,1,2-Trichloro-1,2,2-trifluoroethane	0.0015	U	0.0015	0.00046	mg/Kg	☼	10/15/25 09:32	10/15/25 20:43	1
1,1,2-Trichloroethane	0.0015	U *	0.0015	0.00093	mg/Kg	☼	10/15/25 09:32	10/15/25 20:43	1
1,1-Dichloroethane	0.0015	U	0.0015	0.00092	mg/Kg	☼	10/15/25 09:32	10/15/25 20:43	1
1,1-Dichloroethene	0.0015	U	0.0015	0.00035	mg/Kg	☼	10/15/25 09:32	10/15/25 20:43	1
1,2,3-Trichlorobenzene	0.0015	U	0.0015	0.0011	mg/Kg	☼	10/15/25 09:32	10/15/25 20:43	1
1,2,4-Trichlorobenzene	0.0015	U	0.0015	0.00055	mg/Kg	☼	10/15/25 09:32	10/15/25 20:43	1
1,2,4-Trimethylbenzene	0.0015	U	0.0015	0.00038	mg/Kg	☼	10/15/25 09:32	10/15/25 20:43	1
1,2-Dibromo-3-Chloropropane	0.0015	U	0.0015	0.00071	mg/Kg	☼	10/15/25 09:32	10/15/25 20:43	1
1,2-Dichlorobenzene	0.0015	U	0.0015	0.00056	mg/Kg	☼	10/15/25 09:32	10/15/25 20:43	1
1,2-Dichloroethane	0.0015	U	0.0015	0.00046	mg/Kg	☼	10/15/25 09:32	10/15/25 20:43	1
1,2-Dichloropropane	0.0015	U	0.0015	0.00065	mg/Kg	☼	10/15/25 09:32	10/15/25 20:43	1
1,3,5-Trimethylbenzene	0.0015	U	0.0015	0.00048	mg/Kg	☼	10/15/25 09:32	10/15/25 20:43	1
1,3-Dichlorobenzene	0.0015	U	0.0015	0.00056	mg/Kg	☼	10/15/25 09:32	10/15/25 20:43	1
1,4-Dichlorobenzene	0.0015	U	0.0015	0.00080	mg/Kg	☼	10/15/25 09:32	10/15/25 20:43	1

Client: Haley & Aldrich, Inc.
Project/Site: Former Port Mobil

Job ID: 460-337134-1

Client Sample ID: 20A2_1-2
Date Collected: 10/13/25 09:05
Date Received: 10/13/25 15:00

Lab Sample ID: 460-337134-6
Matrix: Solid
Percent Solids: 94.6

Method: SW846 8260D - Volatile Organic Compounds by GC/MS (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
2-Butanone (MEK)	0.0077	U	0.0077	0.00057	mg/Kg	☼	10/15/25 09:32	10/15/25 20:43	1
2-Hexanone	0.0077	U	0.0077	0.0026	mg/Kg	☼	10/15/25 09:32	10/15/25 20:43	1
4-Methyl-2-pentanone (MIBK)	0.0077	U *	0.0077	0.0024	mg/Kg	☼	10/15/25 09:32	10/15/25 20:43	1
Acetone	0.0093	U	0.0093	0.0088	mg/Kg	☼	10/15/25 09:32	10/15/25 20:43	1
Benzene	0.0015	U	0.0015	0.00087	mg/Kg	☼	10/15/25 09:32	10/15/25 20:43	1
Bromoform	0.0015	U	0.0015	0.00066	mg/Kg	☼	10/15/25 09:32	10/15/25 20:43	1
Bromomethane	0.0031	U	0.0031	0.0015	mg/Kg	☼	10/15/25 09:32	10/15/25 20:43	1
Carbon disulfide	0.0015	U	0.0015	0.00041	mg/Kg	☼	10/15/25 09:32	10/15/25 20:43	1
Carbon tetrachloride	0.0015	U	0.0015	0.00060	mg/Kg	☼	10/15/25 09:32	10/15/25 20:43	1
Chlorobenzene	0.0015	U	0.0015	0.00078	mg/Kg	☼	10/15/25 09:32	10/15/25 20:43	1
Chlorobromomethane	0.0015	U	0.0015	0.00092	mg/Kg	☼	10/15/25 09:32	10/15/25 20:43	1
Chlorodibromomethane	0.0015	U	0.0015	0.00083	mg/Kg	☼	10/15/25 09:32	10/15/25 20:43	1
Chloroethane	0.0015	U	0.0015	0.00081	mg/Kg	☼	10/15/25 09:32	10/15/25 20:43	1
Chloroform	0.0015	U	0.0015	0.0015	mg/Kg	☼	10/15/25 09:32	10/15/25 20:43	1
Chloromethane	0.0015	U	0.0015	0.00067	mg/Kg	☼	10/15/25 09:32	10/15/25 20:43	1
cis-1,2-Dichloroethene	0.0015	U	0.0015	0.00055	mg/Kg	☼	10/15/25 09:32	10/15/25 20:43	1
cis-1,3-Dichloropropene	0.0015	U	0.0015	0.00042	mg/Kg	☼	10/15/25 09:32	10/15/25 20:43	1
Cyclohexane	0.0015	U	0.0015	0.00034	mg/Kg	☼	10/15/25 09:32	10/15/25 20:43	1
Dichlorobromomethane	0.0015	U	0.0015	0.00040	mg/Kg	☼	10/15/25 09:32	10/15/25 20:43	1
Dichlorodifluoromethane	0.0015	U *	0.0015	0.00052	mg/Kg	☼	10/15/25 09:32	10/15/25 20:43	1
Ethylbenzene	0.0015	U	0.0015	0.00072	mg/Kg	☼	10/15/25 09:32	10/15/25 20:43	1
Ethylene Dibromide	0.0015	U *	0.0015	0.00078	mg/Kg	☼	10/15/25 09:32	10/15/25 20:43	1
Isopropylbenzene	0.0015	U	0.0015	0.00044	mg/Kg	☼	10/15/25 09:32	10/15/25 20:43	1
Methyl acetate	0.0077	U	0.0077	0.0066	mg/Kg	☼	10/15/25 09:32	10/15/25 20:43	1
Methyl tert-butyl ether	0.0015	U	0.0015	0.00079	mg/Kg	☼	10/15/25 09:32	10/15/25 20:43	1
Methylcyclohexane	0.0015	U	0.0015	0.00077	mg/Kg	☼	10/15/25 09:32	10/15/25 20:43	1
Methylene Chloride	0.0031	U	0.0031	0.0018	mg/Kg	☼	10/15/25 09:32	10/15/25 20:43	1
m-Xylene & p-Xylene	0.0015	U	0.0015	0.00065	mg/Kg	☼	10/15/25 09:32	10/15/25 20:43	1
n-Butylbenzene	0.0015	U	0.0015	0.00045	mg/Kg	☼	10/15/25 09:32	10/15/25 20:43	1
N-Propylbenzene	0.0015	U	0.0015	0.00069	mg/Kg	☼	10/15/25 09:32	10/15/25 20:43	1
o-Xylene	0.0015	U	0.0015	0.00071	mg/Kg	☼	10/15/25 09:32	10/15/25 20:43	1
sec-Butylbenzene	0.0015	U	0.0015	0.00044	mg/Kg	☼	10/15/25 09:32	10/15/25 20:43	1
Styrene	0.0015	U	0.0015	0.00043	mg/Kg	☼	10/15/25 09:32	10/15/25 20:43	1
tert-Butylbenzene	0.0015	U	0.0015	0.00043	mg/Kg	☼	10/15/25 09:32	10/15/25 20:43	1
Tetrachloroethene	0.0015	U	0.0015	0.00047	mg/Kg	☼	10/15/25 09:32	10/15/25 20:43	1
Toluene	0.0015	U	0.0015	0.00036	mg/Kg	☼	10/15/25 09:32	10/15/25 20:43	1
trans-1,2-Dichloroethene	0.0015	U	0.0015	0.00038	mg/Kg	☼	10/15/25 09:32	10/15/25 20:43	1
trans-1,3-Dichloropropene	0.0015	U	0.0015	0.00041	mg/Kg	☼	10/15/25 09:32	10/15/25 20:43	1
Trichloroethene	0.0015	U	0.0015	0.00050	mg/Kg	☼	10/15/25 09:32	10/15/25 20:43	1
Trichlorofluoromethane	0.0015	U	0.0015	0.00063	mg/Kg	☼	10/15/25 09:32	10/15/25 20:43	1
Vinyl chloride	0.0015	U	0.0015	0.00084	mg/Kg	☼	10/15/25 09:32	10/15/25 20:43	1
Xylenes, Total	0.0031	U	0.0031	0.00027	mg/Kg	☼	10/15/25 09:32	10/15/25 20:43	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,2-Dichloroethane-d4 (Surr)	*105*		*65 - 138*	*10/15/25 09:32*	*10/15/25 20:43*	*1*
4-Bromofluorobenzene	*104*		*71 - 128*	*10/15/25 09:32*	*10/15/25 20:43*	*1*
Dibromofluoromethane (Surr)	*102*		*50 - 150*	*10/15/25 09:32*	*10/15/25 20:43*	*1*
Toluene-d8 (Surr)	*93*		*71 - 126*	*10/15/25 09:32*	*10/15/25 20:43*	*1*

Client Sample ID: 20A2_1-2

Lab Sample ID: 460-337134-6

Date Collected: 10/13/25 09:05
Matrix: Solid
Date Received: 10/13/25 15:00
Percent Solids: 94.6

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Percent Moisture (EPA Moisture)	5.4		1.0	1.0	%			10/16/25 16:57	1
Percent Solids (EPA Moisture)	94.6		1.0	1.0	%			10/16/25 16:57	1

Client Sample ID: 20A3_2-3

Lab Sample ID: 460-337134-7

Date Collected: 10/13/25 09:10
Matrix: Solid
Date Received: 10/13/25 15:00
Percent Solids: 85.9

Method: SW846 8260D - Volatile Organic Compounds by GC/MS

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1-Trichloroethane	0.0012	U	0.0012	0.00027	mg/Kg	☼	10/15/25 09:32	10/15/25 21:06	1
1,1,2,2-Tetrachloroethane	0.0012	U	0.0012	0.00060	mg/Kg	☼	10/15/25 09:32	10/15/25 21:06	1
1,1,2-Trichloro-1,2,2-trifluoroethane	0.0012	U	0.0012	0.00035	mg/Kg	☼	10/15/25 09:32	10/15/25 21:06	1
1,1,2-Trichloroethane	0.0012	U *	0.0012	0.00069	mg/Kg	☼	10/15/25 09:32	10/15/25 21:06	1
1,1-Dichloroethane	0.0012	U	0.0012	0.00069	mg/Kg	☼	10/15/25 09:32	10/15/25 21:06	1
1,1-Dichloroethene	0.0012	U	0.0012	0.00026	mg/Kg	☼	10/15/25 09:32	10/15/25 21:06	1
1,2,3-Trichlorobenzene	0.0012	U	0.0012	0.00085	mg/Kg	☼	10/15/25 09:32	10/15/25 21:06	1
1,2,4-Trichlorobenzene	0.0012	U	0.0012	0.00041	mg/Kg	☼	10/15/25 09:32	10/15/25 21:06	1
1,2,4-Trimethylbenzene	0.0012	U	0.0012	0.00028	mg/Kg	☼	10/15/25 09:32	10/15/25 21:06	1
1,2-Dibromo-3-Chloropropane	0.0012	U	0.0012	0.00053	mg/Kg	☼	10/15/25 09:32	10/15/25 21:06	1
1,2-Dichlorobenzene	0.0012	U	0.0012	0.00042	mg/Kg	☼	10/15/25 09:32	10/15/25 21:06	1
1,2-Dichloroethane	0.0012	U	0.0012	0.00034	mg/Kg	☼	10/15/25 09:32	10/15/25 21:06	1
1,2-Dichloropropane	0.0012	U	0.0012	0.00049	mg/Kg	☼	10/15/25 09:32	10/15/25 21:06	1
1,3,5-Trimethylbenzene	0.0012	U	0.0012	0.00036	mg/Kg	☼	10/15/25 09:32	10/15/25 21:06	1
1,3-Dichlorobenzene	0.0012	U	0.0012	0.00042	mg/Kg	☼	10/15/25 09:32	10/15/25 21:06	1
1,4-Dichlorobenzene	0.0012	U	0.0012	0.00060	mg/Kg	☼	10/15/25 09:32	10/15/25 21:06	1
2-Butanone (MEK)	0.0058	U	0.0058	0.00043	mg/Kg	☼	10/15/25 09:32	10/15/25 21:06	1
2-Hexanone	0.0058	U	0.0058	0.0020	mg/Kg	☼	10/15/25 09:32	10/15/25 21:06	1
4-Methyl-2-pentanone (MIBK)	0.0058	U *	0.0058	0.0018	mg/Kg	☼	10/15/25 09:32	10/15/25 21:06	1
Acetone	0.0069	U	0.0069	0.0066	mg/Kg	☼	10/15/25 09:32	10/15/25 21:06	1
Benzene	0.0012	U	0.0012	0.00066	mg/Kg	☼	10/15/25 09:32	10/15/25 21:06	1
Bromoform	0.0012	U	0.0012	0.00049	mg/Kg	☼	10/15/25 09:32	10/15/25 21:06	1
Bromomethane	0.0023	U	0.0023	0.0012	mg/Kg	☼	10/15/25 09:32	10/15/25 21:06	1
Carbon disulfide	0.0012	U	0.0012	0.00031	mg/Kg	☼	10/15/25 09:32	10/15/25 21:06	1
Carbon tetrachloride	0.0012	U	0.0012	0.00045	mg/Kg	☼	10/15/25 09:32	10/15/25 21:06	1
Chlorobenzene	0.0012	U	0.0012	0.00059	mg/Kg	☼	10/15/25 09:32	10/15/25 21:06	1
Chlorobromomethane	0.0012	U	0.0012	0.00069	mg/Kg	☼	10/15/25 09:32	10/15/25 21:06	1
Chlorodibromomethane	0.0012	U	0.0012	0.00062	mg/Kg	☼	10/15/25 09:32	10/15/25 21:06	1
Chloroethane	0.0012	U	0.0012	0.00060	mg/Kg	☼	10/15/25 09:32	10/15/25 21:06	1
Chloroform	0.0012	U	0.0012	0.0011	mg/Kg	☼	10/15/25 09:32	10/15/25 21:06	1
Chloromethane	0.0012	U	0.0012	0.00050	mg/Kg	☼	10/15/25 09:32	10/15/25 21:06	1
cis-1,2-Dichloroethene	0.0012	U	0.0012	0.00041	mg/Kg	☼	10/15/25 09:32	10/15/25 21:06	1
cis-1,3-Dichloropropene	0.0012	U	0.0012	0.00032	mg/Kg	☼	10/15/25 09:32	10/15/25 21:06	1
Cyclohexane	0.0012	U	0.0012	0.00026	mg/Kg	☼	10/15/25 09:32	10/15/25 21:06	1
Dichlorobromomethane	0.0012	U	0.0012	0.00030	mg/Kg	☼	10/15/25 09:32	10/15/25 21:06	1
Dichlorodifluoromethane	0.0012	U *	0.0012	0.00039	mg/Kg	☼	10/15/25 09:32	10/15/25 21:06	1
Ethylbenzene	0.0012	U	0.0012	0.00054	mg/Kg	☼	10/15/25 09:32	10/15/25 21:06	1
Ethylene Dibromide	0.0012	U *	0.0012	0.00058	mg/Kg	☼	10/15/25 09:32	10/15/25 21:06	1
Isopropylbenzene	0.0012	U	0.0012	0.00033	mg/Kg	☼	10/15/25 09:32	10/15/25 21:06	1
Methyl acetate	0.0058	U	0.0058	0.0050	mg/Kg	☼	10/15/25 09:32	10/15/25 21:06	1
Methyl tert-butyl ether	0.0012	U	0.0012	0.00059	mg/Kg	☼	10/15/25 09:32	10/15/25 21:06	1

Client Sample ID: 20A3_2-3

Lab Sample ID: 460-337134-7

Date Collected: 10/13/25 09:10
Matrix: Solid
Date Received: 10/13/25 15:00
Percent Solids: 85.9

Method: SW846 8260D - Volatile Organic Compounds by GC/MS (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Methylcyclohexane	0.0012	U	0.0012	0.00058	mg/Kg	☼	10/15/25 09:32	10/15/25 21:06	1
Methylene Chloride	**0.0013**	**J**	0.0023	0.0013	mg/Kg	☼	10/15/25 09:32	10/15/25 21:06	1
m-Xylene & p-Xylene	0.0012	U	0.0012	0.00049	mg/Kg	☼	10/15/25 09:32	10/15/25 21:06	1
n-Butylbenzene	0.0012	U	0.0012	0.00034	mg/Kg	☼	10/15/25 09:32	10/15/25 21:06	1
N-Propylbenzene	0.0012	U	0.0012	0.00052	mg/Kg	☼	10/15/25 09:32	10/15/25 21:06	1
o-Xylene	0.0012	U	0.0012	0.00053	mg/Kg	☼	10/15/25 09:32	10/15/25 21:06	1
sec-Butylbenzene	0.0012	U	0.0012	0.00033	mg/Kg	☼	10/15/25 09:32	10/15/25 21:06	1
Styrene	0.0012	U	0.0012	0.00032	mg/Kg	☼	10/15/25 09:32	10/15/25 21:06	1
tert-Butylbenzene	0.0012	U	0.0012	0.00032	mg/Kg	☼	10/15/25 09:32	10/15/25 21:06	1
Tetrachloroethene	0.0012	U	0.0012	0.00035	mg/Kg	☼	10/15/25 09:32	10/15/25 21:06	1
Toluene	0.0012	U	0.0012	0.00027	mg/Kg	☼	10/15/25 09:32	10/15/25 21:06	1
trans-1,2-Dichloroethene	0.0012	U	0.0012	0.00028	mg/Kg	☼	10/15/25 09:32	10/15/25 21:06	1
trans-1,3-Dichloropropene	0.0012	U	0.0012	0.00031	mg/Kg	☼	10/15/25 09:32	10/15/25 21:06	1
Trichloroethene	0.0012	U	0.0012	0.00037	mg/Kg	☼	10/15/25 09:32	10/15/25 21:06	1
Trichlorofluoromethane	0.0012	U	0.0012	0.00047	mg/Kg	☼	10/15/25 09:32	10/15/25 21:06	1
Vinyl chloride	0.0012	U	0.0012	0.00063	mg/Kg	☼	10/15/25 09:32	10/15/25 21:06	1
Xylenes, Total	0.0023	U	0.0023	0.00020	mg/Kg	☼	10/15/25 09:32	10/15/25 21:06	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,2-Dichloroethane-d4 (Surr)	*106*		*65 - 138*	*10/15/25 09:32*	*10/15/25 21:06*	*1*
4-Bromofluorobenzene	*101*		*71 - 128*	*10/15/25 09:32*	*10/15/25 21:06*	*1*
Dibromofluoromethane (Surr)	*103*		*50 - 150*	*10/15/25 09:32*	*10/15/25 21:06*	*1*
Toluene-d8 (Surr)	*92*		*71 - 126*	*10/15/25 09:32*	*10/15/25 21:06*	*1*

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Percent Moisture (EPA Moisture)	**14.1**		1.0	1.0	%			10/16/25 16:57	1
Percent Solids (EPA Moisture)	**85.9**		1.0	1.0	%			10/16/25 16:57	1

Client Sample ID: 20A1_5-6

Lab Sample ID: 460-337134-8

Date Collected: 10/13/25 09:15
Matrix: Solid
Date Received: 10/13/25 15:00
Percent Solids: 86.2

Method: SW846 8260D - Volatile Organic Compounds by GC/MS

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1-Trichloroethane	0.00090	U	0.00090	0.00021	mg/Kg	☼	10/15/25 09:33	10/15/25 22:15	1
1,1,2,2-Tetrachloroethane	0.00090	U	0.00090	0.00047	mg/Kg	☼	10/15/25 09:33	10/15/25 22:15	1
1,1,2-Trichloro-1,2,2-trifluoroethane	0.00090	U	0.00090	0.00027	mg/Kg	☼	10/15/25 09:33	10/15/25 22:15	1
1,1,2-Trichloroethane	0.00090	U *	0.00090	0.00054	mg/Kg	☼	10/15/25 09:33	10/15/25 22:15	1
1,1-Dichloroethane	0.00090	U	0.00090	0.00054	mg/Kg	☼	10/15/25 09:33	10/15/25 22:15	1
1,1-Dichloroethene	0.00090	U	0.00090	0.00020	mg/Kg	☼	10/15/25 09:33	10/15/25 22:15	1
1,2,3-Trichlorobenzene	0.00090	U	0.00090	0.00067	mg/Kg	☼	10/15/25 09:33	10/15/25 22:15	1
1,2,4-Trichlorobenzene	0.00090	U	0.00090	0.00032	mg/Kg	☼	10/15/25 09:33	10/15/25 22:15	1
1,2,4-Trimethylbenzene	0.00090	U	0.00090	0.00022	mg/Kg	☼	10/15/25 09:33	10/15/25 22:15	1
1,2-Dibromo-3-Chloropropane	0.00090	U	0.00090	0.00042	mg/Kg	☼	10/15/25 09:33	10/15/25 22:15	1
1,2-Dichlorobenzene	0.00090	U	0.00090	0.00033	mg/Kg	☼	10/15/25 09:33	10/15/25 22:15	1
1,2-Dichloroethane	0.00090	U	0.00090	0.00027	mg/Kg	☼	10/15/25 09:33	10/15/25 22:15	1
1,2-Dichloropropane	0.00090	U	0.00090	0.00038	mg/Kg	☼	10/15/25 09:33	10/15/25 22:15	1
1,3,5-Trimethylbenzene	0.00090	U	0.00090	0.00028	mg/Kg	☼	10/15/25 09:33	10/15/25 22:15	1
1,3-Dichlorobenzene	0.00090	U	0.00090	0.00033	mg/Kg	☼	10/15/25 09:33	10/15/25 22:15	1

Client Sample ID: 20A1_5-6
Date Collected: 10/13/25 09:15
Date Received: 10/13/25 15:00

Lab Sample ID: 460-337134-8
Matrix: Solid
Percent Solids: 86.2

Method: SW846 8260D - Volatile Organic Compounds by GC/MS (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,4-Dichlorobenzene	0.00090	U	0.00090	0.00047	mg/Kg	☼	10/15/25 09:33	10/15/25 22:15	1
2-Butanone (MEK)	0.0045	U	0.0045	0.00033	mg/Kg	☼	10/15/25 09:33	10/15/25 22:15	1
2-Hexanone	0.0045	U	0.0045	0.0015	mg/Kg	☼	10/15/25 09:33	10/15/25 22:15	1
4-Methyl-2-pentanone (MIBK)	0.0045	U *	0.0045	0.0014	mg/Kg	☼	10/15/25 09:33	10/15/25 22:15	1
Acetone	0.0054	U	0.0054	0.0052	mg/Kg	☼	10/15/25 09:33	10/15/25 22:15	1
Benzene	0.00090	U	0.00090	0.00051	mg/Kg	☼	10/15/25 09:33	10/15/25 22:15	1
Bromoform	0.00090	U	0.00090	0.00038	mg/Kg	☼	10/15/25 09:33	10/15/25 22:15	1
Bromomethane	0.0018	U	0.0018	0.00090	mg/Kg	☼	10/15/25 09:33	10/15/25 22:15	1
Carbon disulfide	0.00090	U	0.00090	0.00024	mg/Kg	☼	10/15/25 09:33	10/15/25 22:15	1
Carbon tetrachloride	0.00090	U	0.00090	0.00035	mg/Kg	☼	10/15/25 09:33	10/15/25 22:15	1
Chlorobenzene	0.00090	U	0.00090	0.00046	mg/Kg	☼	10/15/25 09:33	10/15/25 22:15	1
Chlorobromomethane	0.00090	U	0.00090	0.00054	mg/Kg	☼	10/15/25 09:33	10/15/25 22:15	1
Chlorodibromomethane	0.00090	U	0.00090	0.00048	mg/Kg	☼	10/15/25 09:33	10/15/25 22:15	1
Chloroethane	0.00090	U	0.00090	0.00047	mg/Kg	☼	10/15/25 09:33	10/15/25 22:15	1
Chloroform	0.00090	U	0.00090	0.00088	mg/Kg	☼	10/15/25 09:33	10/15/25 22:15	1
Chloromethane	0.00090	U	0.00090	0.00039	mg/Kg	☼	10/15/25 09:33	10/15/25 22:15	1
cis-1,2-Dichloroethene	0.00090	U	0.00090	0.00032	mg/Kg	☼	10/15/25 09:33	10/15/25 22:15	1
cis-1,3-Dichloropropene	0.00090	U	0.00090	0.00025	mg/Kg	☼	10/15/25 09:33	10/15/25 22:15	1
Cyclohexane	0.00090	U	0.00090	0.00020	mg/Kg	☼	10/15/25 09:33	10/15/25 22:15	1
Dichlorobromomethane	0.00090	U	0.00090	0.00023	mg/Kg	☼	10/15/25 09:33	10/15/25 22:15	1
Dichlorodifluoromethane	0.00090	U *	0.00090	0.00031	mg/Kg	☼	10/15/25 09:33	10/15/25 22:15	1
Ethylbenzene	0.00090	U	0.00090	0.00042	mg/Kg	☼	10/15/25 09:33	10/15/25 22:15	1
Ethylene Dibromide	0.00090	U *	0.00090	0.00045	mg/Kg	☼	10/15/25 09:33	10/15/25 22:15	1
Isopropylbenzene	0.00090	U	0.00090	0.00026	mg/Kg	☼	10/15/25 09:33	10/15/25 22:15	1
Methyl acetate	0.0045	U	0.0045	0.0039	mg/Kg	☼	10/15/25 09:33	10/15/25 22:15	1
Methyl tert-butyl ether	0.00090	U	0.00090	0.00046	mg/Kg	☼	10/15/25 09:33	10/15/25 22:15	1
Methylcyclohexane	0.00090	U	0.00090	0.00045	mg/Kg	☼	10/15/25 09:33	10/15/25 22:15	1
Methylene Chloride	0.0018	U	0.0018	0.0010	mg/Kg	☼	10/15/25 09:33	10/15/25 22:15	1
m-Xylene & p-Xylene	0.00090	U	0.00090	0.00038	mg/Kg	☼	10/15/25 09:33	10/15/25 22:15	1
n-Butylbenzene	0.00090	U	0.00090	0.00027	mg/Kg	☼	10/15/25 09:33	10/15/25 22:15	1
N-Propylbenzene	0.00090	U	0.00090	0.00041	mg/Kg	☼	10/15/25 09:33	10/15/25 22:15	1
o-Xylene	0.00090	U	0.00090	0.00042	mg/Kg	☼	10/15/25 09:33	10/15/25 22:15	1
sec-Butylbenzene	0.00090	U	0.00090	0.00026	mg/Kg	☼	10/15/25 09:33	10/15/25 22:15	1
Styrene	0.00090	U	0.00090	0.00025	mg/Kg	☼	10/15/25 09:33	10/15/25 22:15	1
tert-Butylbenzene	0.00090	U	0.00090	0.00025	mg/Kg	☼	10/15/25 09:33	10/15/25 22:15	1
Tetrachloroethene	0.00090	U	0.00090	0.00028	mg/Kg	☼	10/15/25 09:33	10/15/25 22:15	1
Toluene	0.00090	U	0.00090	0.00021	mg/Kg	☼	10/15/25 09:33	10/15/25 22:15	1
trans-1,2-Dichloroethene	0.00090	U	0.00090	0.00022	mg/Kg	☼	10/15/25 09:33	10/15/25 22:15	1
trans-1,3-Dichloropropene	0.00090	U	0.00090	0.00024	mg/Kg	☼	10/15/25 09:33	10/15/25 22:15	1
Trichloroethene	0.00090	U	0.00090	0.00029	mg/Kg	☼	10/15/25 09:33	10/15/25 22:15	1
Trichlorofluoromethane	0.00090	U	0.00090	0.00037	mg/Kg	☼	10/15/25 09:33	10/15/25 22:15	1
Vinyl chloride	0.00090	U	0.00090	0.00049	mg/Kg	☼	10/15/25 09:33	10/15/25 22:15	1
Xylenes, Total	0.0018	U	0.0018	0.00016	mg/Kg	☼	10/15/25 09:33	10/15/25 22:15	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,2-Dichloroethane-d4 (Surr)	*101*		*65 - 138*	*10/15/25 09:33*	*10/15/25 22:15*	*1*
4-Bromofluorobenzene	*103*		*71 - 128*	*10/15/25 09:33*	*10/15/25 22:15*	*1*
Dibromofluoromethane (Surr)	*99*		*50 - 150*	*10/15/25 09:33*	*10/15/25 22:15*	*1*
Toluene-d8 (Surr)	*93*		*71 - 126*	*10/15/25 09:33*	*10/15/25 22:15*	*1*

Client Sample ID: 20A1_5-6

Lab Sample ID: 460-337134-8

Date Collected: 10/13/25 09:15
Matrix: Solid
Date Received: 10/13/25 15:00
Percent Solids: 86.2

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Percent Moisture (EPA Moisture)	**13.8**		1.0	1.0	%			10/16/25 16:57	1
Percent Solids (EPA Moisture)	**86.2**		1.0	1.0	%			10/16/25 16:57	1

Client Sample ID: 20A2_6-7

Lab Sample ID: 460-337134-9

Date Collected: 10/13/25 09:20
Matrix: Solid
Date Received: 10/13/25 15:00
Percent Solids: 89.3

Method: SW846 8260D - Volatile Organic Compounds by GC/MS

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1-Trichloroethane	0.00094	U	0.00094	0.00022	mg/Kg	☼	10/15/25 09:34	10/15/25 21:52	1
1,1,2,2-Tetrachloroethane	0.00094	U	0.00094	0.00049	mg/Kg	☼	10/15/25 09:34	10/15/25 21:52	1
1,1,2-Trichloro-1,2,2-trifluoroethane	0.00094	U	0.00094	0.00028	mg/Kg	☼	10/15/25 09:34	10/15/25 21:52	1
1,1,2-Trichloroethane	0.00094	U *	0.00094	0.00056	mg/Kg	☼	10/15/25 09:34	10/15/25 21:52	1
1,1-Dichloroethane	0.00094	U	0.00094	0.00056	mg/Kg	☼	10/15/25 09:34	10/15/25 21:52	1
1,1-Dichloroethene	0.00094	U	0.00094	0.00021	mg/Kg	☼	10/15/25 09:34	10/15/25 21:52	1
1,2,3-Trichlorobenzene	0.00094	U	0.00094	0.00069	mg/Kg	☼	10/15/25 09:34	10/15/25 21:52	1
1,2,4-Trichlorobenzene	0.00094	U	0.00094	0.00034	mg/Kg	☼	10/15/25 09:34	10/15/25 21:52	1
1,2,4-Trimethylbenzene	0.00094	U	0.00094	0.00023	mg/Kg	☼	10/15/25 09:34	10/15/25 21:52	1
1,2-Dibromo-3-Chloropropane	0.00094	U	0.00094	0.00043	mg/Kg	☼	10/15/25 09:34	10/15/25 21:52	1
1,2-Dichlorobenzene	0.00094	U	0.00094	0.00034	mg/Kg	☼	10/15/25 09:34	10/15/25 21:52	1
1,2-Dichloroethane	0.00094	U	0.00094	0.00028	mg/Kg	☼	10/15/25 09:34	10/15/25 21:52	1
1,2-Dichloropropane	0.00094	U	0.00094	0.00040	mg/Kg	☼	10/15/25 09:34	10/15/25 21:52	1
1,3,5-Trimethylbenzene	0.00094	U	0.00094	0.00029	mg/Kg	☼	10/15/25 09:34	10/15/25 21:52	1
1,3-Dichlorobenzene	0.00094	U	0.00094	0.00034	mg/Kg	☼	10/15/25 09:34	10/15/25 21:52	1
1,4-Dichlorobenzene	0.00094	U	0.00094	0.00049	mg/Kg	☼	10/15/25 09:34	10/15/25 21:52	1
2-Butanone (MEK)	0.0047	U	0.0047	0.00034	mg/Kg	☼	10/15/25 09:34	10/15/25 21:52	1
2-Hexanone	0.0047	U	0.0047	0.0016	mg/Kg	☼	10/15/25 09:34	10/15/25 21:52	1
4-Methyl-2-pentanone (MIBK)	0.0047	U *	0.0047	0.0015	mg/Kg	☼	10/15/25 09:34	10/15/25 21:52	1
Acetone	**0.0085**		0.0056	0.0054	mg/Kg	☼	10/15/25 09:34	10/15/25 21:52	1
Benzene	0.00094	U	0.00094	0.00053	mg/Kg	☼	10/15/25 09:34	10/15/25 21:52	1
Bromoform	0.00094	U	0.00094	0.00040	mg/Kg	☼	10/15/25 09:34	10/15/25 21:52	1
Bromomethane	0.0019	U	0.0019	0.00094	mg/Kg	☼	10/15/25 09:34	10/15/25 21:52	1
Carbon disulfide	0.00094	U	0.00094	0.00025	mg/Kg	☼	10/15/25 09:34	10/15/25 21:52	1
Carbon tetrachloride	0.00094	U	0.00094	0.00036	mg/Kg	☼	10/15/25 09:34	10/15/25 21:52	1
Chlorobenzene	0.00094	U	0.00094	0.00047	mg/Kg	☼	10/15/25 09:34	10/15/25 21:52	1
Chlorobromomethane	0.00094	U	0.00094	0.00056	mg/Kg	☼	10/15/25 09:34	10/15/25 21:52	1
Chlorodibromomethane	0.00094	U	0.00094	0.00050	mg/Kg	☼	10/15/25 09:34	10/15/25 21:52	1
Chloroethane	0.00094	U	0.00094	0.00049	mg/Kg	☼	10/15/25 09:34	10/15/25 21:52	1
Chloroform	0.00094	U	0.00094	0.00091	mg/Kg	☼	10/15/25 09:34	10/15/25 21:52	1
Chloromethane	0.00094	U	0.00094	0.00041	mg/Kg	☼	10/15/25 09:34	10/15/25 21:52	1
cis-1,2-Dichloroethene	0.00094	U	0.00094	0.00034	mg/Kg	☼	10/15/25 09:34	10/15/25 21:52	1
cis-1,3-Dichloropropene	0.00094	U	0.00094	0.00026	mg/Kg	☼	10/15/25 09:34	10/15/25 21:52	1
Cyclohexane	0.00094	U	0.00094	0.00021	mg/Kg	☼	10/15/25 09:34	10/15/25 21:52	1
Dichlorobromomethane	0.00094	U	0.00094	0.00024	mg/Kg	☼	10/15/25 09:34	10/15/25 21:52	1
Dichlorodifluoromethane	0.00094	U *	0.00094	0.00032	mg/Kg	☼	10/15/25 09:34	10/15/25 21:52	1
Ethylbenzene	0.00094	U	0.00094	0.00044	mg/Kg	☼	10/15/25 09:34	10/15/25 21:52	1
Ethylene Dibromide	0.00094	U *	0.00094	0.00047	mg/Kg	☼	10/15/25 09:34	10/15/25 21:52	1
Isopropylbenzene	0.00094	U	0.00094	0.00027	mg/Kg	☼	10/15/25 09:34	10/15/25 21:52	1
Methyl acetate	0.0047	U	0.0047	0.0040	mg/Kg	☼	10/15/25 09:34	10/15/25 21:52	1
Methyl tert-butyl ether	0.00094	U	0.00094	0.00048	mg/Kg	☼	10/15/25 09:34	10/15/25 21:52	1

Client Sample ID: 20A2_6-7

Lab Sample ID: 460-337134-9

Date Collected: 10/13/25 09:20
Matrix: Solid
Date Received: 10/13/25 15:00
Percent Solids: 89.3

Method: SW846 8260D - Volatile Organic Compounds by GC/MS (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Methylcyclohexane	0.00094	U	0.00094	0.00047	mg/Kg	☼	10/15/25 09:34	10/15/25 21:52	1
Methylene Chloride	**0.0023**		0.0019	0.0011	mg/Kg	☼	10/15/25 09:34	10/15/25 21:52	1
m-Xylene & p-Xylene	0.00094	U	0.00094	0.00040	mg/Kg	☼	10/15/25 09:34	10/15/25 21:52	1
n-Butylbenzene	0.00094	U	0.00094	0.00028	mg/Kg	☼	10/15/25 09:34	10/15/25 21:52	1
N-Propylbenzene	0.00094	U	0.00094	0.00042	mg/Kg	☼	10/15/25 09:34	10/15/25 21:52	1
o-Xylene	0.00094	U	0.00094	0.00043	mg/Kg	☼	10/15/25 09:34	10/15/25 21:52	1
sec-Butylbenzene	0.00094	U	0.00094	0.00027	mg/Kg	☼	10/15/25 09:34	10/15/25 21:52	1
Styrene	0.00094	U	0.00094	0.00026	mg/Kg	☼	10/15/25 09:34	10/15/25 21:52	1
tert-Butylbenzene	0.00094	U	0.00094	0.00026	mg/Kg	☼	10/15/25 09:34	10/15/25 21:52	1
Tetrachloroethene	0.00094	U	0.00094	0.00029	mg/Kg	☼	10/15/25 09:34	10/15/25 21:52	1
Toluene	0.00094	U	0.00094	0.00022	mg/Kg	☼	10/15/25 09:34	10/15/25 21:52	1
trans-1,2-Dichloroethene	0.00094	U	0.00094	0.00023	mg/Kg	☼	10/15/25 09:34	10/15/25 21:52	1
trans-1,3-Dichloropropene	0.00094	U	0.00094	0.00025	mg/Kg	☼	10/15/25 09:34	10/15/25 21:52	1
Trichloroethene	0.00094	U	0.00094	0.00030	mg/Kg	☼	10/15/25 09:34	10/15/25 21:52	1
Trichlorofluoromethane	0.00094	U	0.00094	0.00038	mg/Kg	☼	10/15/25 09:34	10/15/25 21:52	1
Vinyl chloride	0.00094	U	0.00094	0.00051	mg/Kg	☼	10/15/25 09:34	10/15/25 21:52	1
Xylenes, Total	**0.00032**	**J**	0.0019	0.00016	mg/Kg	☼	10/15/25 09:34	10/15/25 21:52	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,2-Dichloroethane-d4 (Surr)	*104*		*65 - 138*	*10/15/25 09:34*	*10/15/25 21:52*	*1*
4-Bromofluorobenzene	*105*		*71 - 128*	*10/15/25 09:34*	*10/15/25 21:52*	*1*
Dibromofluoromethane (Surr)	*95*		*50 - 150*	*10/15/25 09:34*	*10/15/25 21:52*	*1*
Toluene-d8 (Surr)	*93*		*71 - 126*	*10/15/25 09:34*	*10/15/25 21:52*	*1*

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Percent Moisture (EPA Moisture)	**10.7**		1.0	1.0	%			10/16/25 16:57	1
Percent Solids (EPA Moisture)	**89.3**		1.0	1.0	%			10/16/25 16:57	1

Client Sample ID: 20A3_7-8

Lab Sample ID: 460-337134-10

Date Collected: 10/13/25 09:25
Matrix: Solid
Date Received: 10/13/25 15:00
Percent Solids: 91.4

Method: SW846 8260D - Volatile Organic Compounds by GC/MS

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1-Trichloroethane	0.00098	U	0.00098	0.00023	mg/Kg	☼	10/15/25 09:34	10/15/25 22:38	1
1,1,2,2-Tetrachloroethane	0.00098	U	0.00098	0.00051	mg/Kg	☼	10/15/25 09:34	10/15/25 22:38	1
1,1,2-Trichloro-1,2,2-trifluoroethane	0.00098	U	0.00098	0.00030	mg/Kg	☼	10/15/25 09:34	10/15/25 22:38	1
1,1,2-Trichloroethane	0.00098	U *	0.00098	0.00059	mg/Kg	☼	10/15/25 09:34	10/15/25 22:38	1
1,1-Dichloroethane	0.00098	U	0.00098	0.00059	mg/Kg	☼	10/15/25 09:34	10/15/25 22:38	1
1,1-Dichloroethene	0.00098	U	0.00098	0.00022	mg/Kg	☼	10/15/25 09:34	10/15/25 22:38	1
1,2,3-Trichlorobenzene	0.00098	U	0.00098	0.00073	mg/Kg	☼	10/15/25 09:34	10/15/25 22:38	1
1,2,4-Trichlorobenzene	0.00098	U	0.00098	0.00035	mg/Kg	☼	10/15/25 09:34	10/15/25 22:38	1
1,2,4-Trimethylbenzene	0.00098	U	0.00098	0.00024	mg/Kg	☼	10/15/25 09:34	10/15/25 22:38	1
1,2-Dibromo-3-Chloropropane	0.00098	U	0.00098	0.00045	mg/Kg	☼	10/15/25 09:34	10/15/25 22:38	1
1,2-Dichlorobenzene	0.00098	U	0.00098	0.00035	mg/Kg	☼	10/15/25 09:34	10/15/25 22:38	1
1,2-Dichloroethane	0.00098	U	0.00098	0.00029	mg/Kg	☼	10/15/25 09:34	10/15/25 22:38	1
1,2-Dichloropropane	0.00098	U	0.00098	0.00042	mg/Kg	☼	10/15/25 09:34	10/15/25 22:38	1
1,3,5-Trimethylbenzene	0.00098	U	0.00098	0.00031	mg/Kg	☼	10/15/25 09:34	10/15/25 22:38	1
1,3-Dichlorobenzene	0.00098	U	0.00098	0.00036	mg/Kg	☼	10/15/25 09:34	10/15/25 22:38	1

Client Sample ID: 20A3_7-8
Date Collected: 10/13/25 09:25
Date Received: 10/13/25 15:00

Lab Sample ID: 460-337134-10
Matrix: Solid
Percent Solids: 91.4

Method: SW846 8260D - Volatile Organic Compounds by GC/MS (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,4-Dichlorobenzene	0.00098	U	0.00098	0.00051	mg/Kg	☼	10/15/25 09:34	10/15/25 22:38	1
2-Butanone (MEK)	0.0049	U	0.0049	0.00036	mg/Kg	☼	10/15/25 09:34	10/15/25 22:38	1
2-Hexanone	0.0049	U	0.0049	0.0017	mg/Kg	☼	10/15/25 09:34	10/15/25 22:38	1
4-Methyl-2-pentanone (MIBK)	0.0049	U *	0.0049	0.0015	mg/Kg	☼	10/15/25 09:34	10/15/25 22:38	1
Acetone	0.0059	U	0.0059	0.0056	mg/Kg	☼	10/15/25 09:34	10/15/25 22:38	1
Benzene	0.00098	U	0.00098	0.00056	mg/Kg	☼	10/15/25 09:34	10/15/25 22:38	1
Bromoform	0.00098	U	0.00098	0.00042	mg/Kg	☼	10/15/25 09:34	10/15/25 22:38	1
Bromomethane	0.0020	U	0.0020	0.00098	mg/Kg	☼	10/15/25 09:34	10/15/25 22:38	1
Carbon disulfide	0.00098	U	0.00098	0.00026	mg/Kg	☼	10/15/25 09:34	10/15/25 22:38	1
Carbon tetrachloride	0.00098	U	0.00098	0.00038	mg/Kg	☼	10/15/25 09:34	10/15/25 22:38	1
Chlorobenzene	0.00098	U	0.00098	0.00050	mg/Kg	☼	10/15/25 09:34	10/15/25 22:38	1
Chlorobromomethane	0.00098	U	0.00098	0.00059	mg/Kg	☼	10/15/25 09:34	10/15/25 22:38	1
Chlorodibromomethane	0.00098	U	0.00098	0.00053	mg/Kg	☼	10/15/25 09:34	10/15/25 22:38	1
Chloroethane	0.00098	U	0.00098	0.00051	mg/Kg	☼	10/15/25 09:34	10/15/25 22:38	1
Chloroform	0.00098	U	0.00098	0.00095	mg/Kg	☼	10/15/25 09:34	10/15/25 22:38	1
Chloromethane	0.00098	U	0.00098	0.00043	mg/Kg	☼	10/15/25 09:34	10/15/25 22:38	1
cis-1,2-Dichloroethene	0.00098	U	0.00098	0.00035	mg/Kg	☼	10/15/25 09:34	10/15/25 22:38	1
cis-1,3-Dichloropropene	0.00098	U	0.00098	0.00027	mg/Kg	☼	10/15/25 09:34	10/15/25 22:38	1
Cyclohexane	0.00098	U	0.00098	0.00022	mg/Kg	☼	10/15/25 09:34	10/15/25 22:38	1
Dichlorobromomethane	0.00098	U	0.00098	0.00025	mg/Kg	☼	10/15/25 09:34	10/15/25 22:38	1
Dichlorodifluoromethane	0.00098	U *	0.00098	0.00033	mg/Kg	☼	10/15/25 09:34	10/15/25 22:38	1
Ethylbenzene	0.00098	U	0.00098	0.00046	mg/Kg	☼	10/15/25 09:34	10/15/25 22:38	1
Ethylene Dibromide	0.00098	U *	0.00098	0.00050	mg/Kg	☼	10/15/25 09:34	10/15/25 22:38	1
Isopropylbenzene	0.00098	U	0.00098	0.00028	mg/Kg	☼	10/15/25 09:34	10/15/25 22:38	1
Methyl acetate	0.0049	U	0.0049	0.0042	mg/Kg	☼	10/15/25 09:34	10/15/25 22:38	1
Methyl tert-butyl ether	0.00098	U	0.00098	0.00050	mg/Kg	☼	10/15/25 09:34	10/15/25 22:38	1
Methylcyclohexane	0.00098	U	0.00098	0.00049	mg/Kg	☼	10/15/25 09:34	10/15/25 22:38	1
Methylene Chloride	0.0020	U	0.0020	0.0011	mg/Kg	☼	10/15/25 09:34	10/15/25 22:38	1
m-Xylene & p-Xylene	0.00098	U	0.00098	0.00042	mg/Kg	☼	10/15/25 09:34	10/15/25 22:38	1
n-Butylbenzene	0.00098	U	0.00098	0.00029	mg/Kg	☼	10/15/25 09:34	10/15/25 22:38	1
N-Propylbenzene	0.00098	U	0.00098	0.00044	mg/Kg	☼	10/15/25 09:34	10/15/25 22:38	1
o-Xylene	0.00098	U	0.00098	0.00045	mg/Kg	☼	10/15/25 09:34	10/15/25 22:38	1
sec-Butylbenzene	0.00098	U	0.00098	0.00028	mg/Kg	☼	10/15/25 09:34	10/15/25 22:38	1
Styrene	0.00098	U	0.00098	0.00027	mg/Kg	☼	10/15/25 09:34	10/15/25 22:38	1
tert-Butylbenzene	0.00098	U	0.00098	0.00027	mg/Kg	☼	10/15/25 09:34	10/15/25 22:38	1
Tetrachloroethene	0.00098	U	0.00098	0.00030	mg/Kg	☼	10/15/25 09:34	10/15/25 22:38	1
Toluene	0.00098	U	0.00098	0.00023	mg/Kg	☼	10/15/25 09:34	10/15/25 22:38	1
trans-1,2-Dichloroethene	0.00098	U	0.00098	0.00024	mg/Kg	☼	10/15/25 09:34	10/15/25 22:38	1
trans-1,3-Dichloropropene	0.00098	U	0.00098	0.00026	mg/Kg	☼	10/15/25 09:34	10/15/25 22:38	1
Trichloroethene	0.00098	U	0.00098	0.00032	mg/Kg	☼	10/15/25 09:34	10/15/25 22:38	1
Trichlorofluoromethane	0.00098	U	0.00098	0.00040	mg/Kg	☼	10/15/25 09:34	10/15/25 22:38	1
Vinyl chloride	0.00098	U	0.00098	0.00054	mg/Kg	☼	10/15/25 09:34	10/15/25 22:38	1
Xylenes, Total	0.0020	U	0.0020	0.00017	mg/Kg	☼	10/15/25 09:34	10/15/25 22:38	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,2-Dichloroethane-d4 (Surr)	*103*		*65 - 138*	*10/15/25 09:34*	*10/15/25 22:38*	*1*
4-Bromofluorobenzene	*107*		*71 - 128*	*10/15/25 09:34*	*10/15/25 22:38*	*1*
Dibromofluoromethane (Surr)	*101*		*50 - 150*	*10/15/25 09:34*	*10/15/25 22:38*	*1*
Toluene-d8 (Surr)	*94*		*71 - 126*	*10/15/25 09:34*	*10/15/25 22:38*	*1*

Client Sample ID: 20A3_7-8

Lab Sample ID: 460-337134-10

Date Collected: 10/13/25 09:25
Matrix: Solid
Date Received: 10/13/25 15:00
Percent Solids: 91.4

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Percent Moisture (EPA Moisture)	**8.6**		1.0	1.0	%			10/16/25 16:57	1
Percent Solids (EPA Moisture)	**91.4**		1.0	1.0	%			10/16/25 16:57	1

Client Sample ID: 20A1_3-4

Lab Sample ID: 460-337134-11

Date Collected: 10/13/25 09:30
Matrix: Solid
Date Received: 10/13/25 15:00
Percent Solids: 91.3

Method: SW846 8260D - Volatile Organic Compounds by GC/MS

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1-Trichloroethane	0.0015	U	0.0015	0.00034	mg/Kg	☼	10/15/25 09:34	10/15/25 23:01	1
1,1,2,2-Tetrachloroethane	0.0015	U	0.0015	0.00076	mg/Kg	☼	10/15/25 09:34	10/15/25 23:01	1
1,1,2-Trichloro-1,2,2-trifluoroethane	0.0015	U	0.0015	0.00044	mg/Kg	☼	10/15/25 09:34	10/15/25 23:01	1
1,1,2-Trichloroethane	0.0015	U *	0.0015	0.00088	mg/Kg	☼	10/15/25 09:34	10/15/25 23:01	1
1,1-Dichloroethane	0.0015	U	0.0015	0.00087	mg/Kg	☼	10/15/25 09:34	10/15/25 23:01	1
1,1-Dichloroethene	0.0015	U	0.0015	0.00033	mg/Kg	☼	10/15/25 09:34	10/15/25 23:01	1
1,2,3-Trichlorobenzene	0.0015	U	0.0015	0.0011	mg/Kg	☼	10/15/25 09:34	10/15/25 23:01	1
1,2,4-Trichlorobenzene	0.0015	U	0.0015	0.00052	mg/Kg	☼	10/15/25 09:34	10/15/25 23:01	1
1,2,4-Trimethylbenzene	0.0015	U	0.0015	0.00036	mg/Kg	☼	10/15/25 09:34	10/15/25 23:01	1
1,2-Dibromo-3-Chloropropane	0.0015	U	0.0015	0.00067	mg/Kg	☼	10/15/25 09:34	10/15/25 23:01	1
1,2-Dichlorobenzene	0.0015	U	0.0015	0.00053	mg/Kg	☼	10/15/25 09:34	10/15/25 23:01	1
1,2-Dichloroethane	0.0015	U	0.0015	0.00043	mg/Kg	☼	10/15/25 09:34	10/15/25 23:01	1
1,2-Dichloropropane	0.0015	U	0.0015	0.00062	mg/Kg	☼	10/15/25 09:34	10/15/25 23:01	1
1,3,5-Trimethylbenzene	0.0015	U	0.0015	0.00046	mg/Kg	☼	10/15/25 09:34	10/15/25 23:01	1
1,3-Dichlorobenzene	0.0015	U	0.0015	0.00053	mg/Kg	☼	10/15/25 09:34	10/15/25 23:01	1
1,4-Dichlorobenzene	0.0015	U	0.0015	0.00076	mg/Kg	☼	10/15/25 09:34	10/15/25 23:01	1
2-Butanone (MEK)	0.0073	U	0.0073	0.00054	mg/Kg	☼	10/15/25 09:34	10/15/25 23:01	1
2-Hexanone	0.0073	U	0.0073	0.0025	mg/Kg	☼	10/15/25 09:34	10/15/25 23:01	1
4-Methyl-2-pentanone (MIBK)	0.0073	U *	0.0073	0.0023	mg/Kg	☼	10/15/25 09:34	10/15/25 23:01	1
Acetone	**0.028**		0.0088	0.0084	mg/Kg	☼	10/15/25 09:34	10/15/25 23:01	1
Benzene	0.0015	U	0.0015	0.00083	mg/Kg	☼	10/15/25 09:34	10/15/25 23:01	1
Bromoform	0.0015	U	0.0015	0.00062	mg/Kg	☼	10/15/25 09:34	10/15/25 23:01	1
Bromomethane	0.0029	U	0.0029	0.0015	mg/Kg	☼	10/15/25 09:34	10/15/25 23:01	1
Carbon disulfide	0.0015	U	0.0015	0.00039	mg/Kg	☼	10/15/25 09:34	10/15/25 23:01	1
Carbon tetrachloride	0.0015	U	0.0015	0.00057	mg/Kg	☼	10/15/25 09:34	10/15/25 23:01	1
Chlorobenzene	0.0015	U	0.0015	0.00074	mg/Kg	☼	10/15/25 09:34	10/15/25 23:01	1
Chlorobromomethane	0.0015	U	0.0015	0.00087	mg/Kg	☼	10/15/25 09:34	10/15/25 23:01	1
Chlorodibromomethane	0.0015	U	0.0015	0.00079	mg/Kg	☼	10/15/25 09:34	10/15/25 23:01	1
Chloroethane	0.0015	U	0.0015	0.00076	mg/Kg	☼	10/15/25 09:34	10/15/25 23:01	1
Chloroform	0.0015	U	0.0015	0.0014	mg/Kg	☼	10/15/25 09:34	10/15/25 23:01	1
Chloromethane	0.0015	U	0.0015	0.00064	mg/Kg	☼	10/15/25 09:34	10/15/25 23:01	1
cis-1,2-Dichloroethene	0.0015	U	0.0015	0.00052	mg/Kg	☼	10/15/25 09:34	10/15/25 23:01	1
cis-1,3-Dichloropropene	0.0015	U	0.0015	0.00040	mg/Kg	☼	10/15/25 09:34	10/15/25 23:01	1
Cyclohexane	0.0015	U	0.0015	0.00032	mg/Kg	☼	10/15/25 09:34	10/15/25 23:01	1
Dichlorobromomethane	0.0015	U	0.0015	0.00038	mg/Kg	☼	10/15/25 09:34	10/15/25 23:01	1
Dichlorodifluoromethane	0.0015	U *	0.0015	0.00049	mg/Kg	☼	10/15/25 09:34	10/15/25 23:01	1
Ethylbenzene	0.0015	U	0.0015	0.00068	mg/Kg	☼	10/15/25 09:34	10/15/25 23:01	1
Ethylene Dibromide	0.0015	U *	0.0015	0.00074	mg/Kg	☼	10/15/25 09:34	10/15/25 23:01	1
Isopropylbenzene	0.0015	U	0.0015	0.00042	mg/Kg	☼	10/15/25 09:34	10/15/25 23:01	1
Methyl acetate	0.0073	U	0.0073	0.0063	mg/Kg	☼	10/15/25 09:34	10/15/25 23:01	1
Methyl tert-butyl ether	0.0015	U	0.0015	0.00075	mg/Kg	☼	10/15/25 09:34	10/15/25 23:01	1

Client Sample ID: 20A1_3-4

Lab Sample ID: 460-337134-11

Date Collected: 10/13/25 09:30
Matrix: Solid
Date Received: 10/13/25 15:00
Percent Solids: 91.3

Method: SW846 8260D - Volatile Organic Compounds by GC/MS (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Methylcyclohexane	0.0015	U	0.0015	0.00073	mg/Kg	☼	10/15/25 09:34	10/15/25 23:01	1
Methylene Chloride	0.0029	U	0.0029	0.0017	mg/Kg	☼	10/15/25 09:34	10/15/25 23:01	1
m-Xylene & p-Xylene	0.0015	U	0.0015	0.00062	mg/Kg	☼	10/15/25 09:34	10/15/25 23:01	1
n-Butylbenzene	0.0015	U	0.0015	0.00043	mg/Kg	☼	10/15/25 09:34	10/15/25 23:01	1
N-Propylbenzene	0.0015	U	0.0015	0.00066	mg/Kg	☼	10/15/25 09:34	10/15/25 23:01	1
o-Xylene	0.0015	U	0.0015	0.00067	mg/Kg	☼	10/15/25 09:34	10/15/25 23:01	1
sec-Butylbenzene	0.0015	U	0.0015	0.00042	mg/Kg	☼	10/15/25 09:34	10/15/25 23:01	1
Styrene	0.0015	U	0.0015	0.00041	mg/Kg	☼	10/15/25 09:34	10/15/25 23:01	1
tert-Butylbenzene	0.0015	U	0.0015	0.00040	mg/Kg	☼	10/15/25 09:34	10/15/25 23:01	1
Tetrachloroethene	0.0015	U	0.0015	0.00045	mg/Kg	☼	10/15/25 09:34	10/15/25 23:01	1
Toluene	**0.00073**	**J**	0.0015	0.00034	mg/Kg	☼	10/15/25 09:34	10/15/25 23:01	1
trans-1,2-Dichloroethene	0.0015	U	0.0015	0.00036	mg/Kg	☼	10/15/25 09:34	10/15/25 23:01	1
trans-1,3-Dichloropropene	0.0015	U	0.0015	0.00039	mg/Kg	☼	10/15/25 09:34	10/15/25 23:01	1
Trichloroethene	0.0015	U	0.0015	0.00047	mg/Kg	☼	10/15/25 09:34	10/15/25 23:01	1
Trichlorofluoromethane	0.0015	U	0.0015	0.00059	mg/Kg	☼	10/15/25 09:34	10/15/25 23:01	1
Vinyl chloride	0.0015	U	0.0015	0.00080	mg/Kg	☼	10/15/25 09:34	10/15/25 23:01	1
Xylenes, Total	0.0029	U	0.0029	0.00025	mg/Kg	☼	10/15/25 09:34	10/15/25 23:01	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,2-Dichloroethane-d4 (Surr)	*106*		*65 - 138*	*10/15/25 09:34*	*10/15/25 23:01*	*1*
4-Bromofluorobenzene	*107*		*71 - 128*	*10/15/25 09:34*	*10/15/25 23:01*	*1*
Dibromofluoromethane (Surr)	*101*		*50 - 150*	*10/15/25 09:34*	*10/15/25 23:01*	*1*
Toluene-d8 (Surr)	*93*		*71 - 126*	*10/15/25 09:34*	*10/15/25 23:01*	*1*

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Percent Moisture (EPA Moisture)	**8.7**		1.0	1.0	%			10/16/25 16:57	1
Percent Solids (EPA Moisture)	**91.3**		1.0	1.0	%			10/16/25 16:57	1

Client Sample ID: 41A1_5-6

Lab Sample ID: 460-337134-12

Date Collected: 10/13/25 10:00
Matrix: Solid
Date Received: 10/13/25 15:00
Percent Solids: 91.8

Method: SW846 8260D - Volatile Organic Compounds by GC/MS

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1-Trichloroethane	0.00088	U	0.00088	0.00021	mg/Kg	☼	10/15/25 09:35	10/15/25 23:24	1
1,1,2,2-Tetrachloroethane	0.00088	U	0.00088	0.00046	mg/Kg	☼	10/15/25 09:35	10/15/25 23:24	1
1,1,2-Trichloro-1,2,2-trifluoroethane	0.00088	U	0.00088	0.00027	mg/Kg	☼	10/15/25 09:35	10/15/25 23:24	1
1,1,2-Trichloroethane	0.00088	U *	0.00088	0.00053	mg/Kg	☼	10/15/25 09:35	10/15/25 23:24	1
1,1-Dichloroethane	0.00088	U	0.00088	0.00053	mg/Kg	☼	10/15/25 09:35	10/15/25 23:24	1
1,1-Dichloroethene	0.00088	U	0.00088	0.00020	mg/Kg	☼	10/15/25 09:35	10/15/25 23:24	1
1,2,3-Trichlorobenzene	0.00088	U	0.00088	0.00065	mg/Kg	☼	10/15/25 09:35	10/15/25 23:24	1
1,2,4-Trichlorobenzene	0.00088	U	0.00088	0.00032	mg/Kg	☼	10/15/25 09:35	10/15/25 23:24	1
1,2,4-Trimethylbenzene	0.00088	U	0.00088	0.00022	mg/Kg	☼	10/15/25 09:35	10/15/25 23:24	1
1,2-Dibromo-3-Chloropropane	0.00088	U	0.00088	0.00041	mg/Kg	☼	10/15/25 09:35	10/15/25 23:24	1
1,2-Dichlorobenzene	0.00088	U	0.00088	0.00032	mg/Kg	☼	10/15/25 09:35	10/15/25 23:24	1
1,2-Dichloroethane	0.00088	U	0.00088	0.00026	mg/Kg	☼	10/15/25 09:35	10/15/25 23:24	1
1,2-Dichloropropane	0.00088	U	0.00088	0.00037	mg/Kg	☼	10/15/25 09:35	10/15/25 23:24	1
1,3,5-Trimethylbenzene	0.00088	U	0.00088	0.00028	mg/Kg	☼	10/15/25 09:35	10/15/25 23:24	1
1,3-Dichlorobenzene	0.00088	U	0.00088	0.00032	mg/Kg	☼	10/15/25 09:35	10/15/25 23:24	1

Client: Haley & Aldrich, Inc.
Project/Site: Former Port Mobil

Job ID: 460-337134-1

Client Sample ID: 41A1_5-6
Date Collected: 10/13/25 10:00
Date Received: 10/13/25 15:00

Lab Sample ID: 460-337134-12
Matrix: Solid
Percent Solids: 91.8

Method: SW846 8260D - Volatile Organic Compounds by GC/MS (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,4-Dichlorobenzene	0.00088	U	0.00088	0.00046	mg/Kg	☼	10/15/25 09:35	10/15/25 23:24	1
2-Butanone (MEK)	0.0044	U	0.0044	0.00032	mg/Kg	☼	10/15/25 09:35	10/15/25 23:24	1
2-Hexanone	0.0044	U	0.0044	0.0015	mg/Kg	☼	10/15/25 09:35	10/15/25 23:24	1
4-Methyl-2-pentanone (MIBK)	0.0044	U *	0.0044	0.0014	mg/Kg	☼	10/15/25 09:35	10/15/25 23:24	1
Acetone	0.0053	U	0.0053	0.0050	mg/Kg	☼	10/15/25 09:35	10/15/25 23:24	1
Benzene	0.00088	U	0.00088	0.00050	mg/Kg	☼	10/15/25 09:35	10/15/25 23:24	1
Bromoform	0.00088	U	0.00088	0.00037	mg/Kg	☼	10/15/25 09:35	10/15/25 23:24	1
Bromomethane	0.0018	U	0.0018	0.00088	mg/Kg	☼	10/15/25 09:35	10/15/25 23:24	1
Carbon disulfide	0.00088	U	0.00088	0.00023	mg/Kg	☼	10/15/25 09:35	10/15/25 23:24	1
Carbon tetrachloride	0.00088	U	0.00088	0.00034	mg/Kg	☼	10/15/25 09:35	10/15/25 23:24	1
Chlorobenzene	0.00088	U	0.00088	0.00045	mg/Kg	☼	10/15/25 09:35	10/15/25 23:24	1
Chlorobromomethane	0.00088	U	0.00088	0.00053	mg/Kg	☼	10/15/25 09:35	10/15/25 23:24	1
Chlorodibromomethane	0.00088	U	0.00088	0.00047	mg/Kg	☼	10/15/25 09:35	10/15/25 23:24	1
Chloroethane	0.00088	U	0.00088	0.00046	mg/Kg	☼	10/15/25 09:35	10/15/25 23:24	1
Chloroform	0.00088	U	0.00088	0.00086	mg/Kg	☼	10/15/25 09:35	10/15/25 23:24	1
Chloromethane	0.00088	U	0.00088	0.00038	mg/Kg	☼	10/15/25 09:35	10/15/25 23:24	1
cis-1,2-Dichloroethene	0.00088	U	0.00088	0.00032	mg/Kg	☼	10/15/25 09:35	10/15/25 23:24	1
cis-1,3-Dichloropropene	0.00088	U	0.00088	0.00024	mg/Kg	☼	10/15/25 09:35	10/15/25 23:24	1
Cyclohexane	0.00088	U	0.00088	0.00019	mg/Kg	☼	10/15/25 09:35	10/15/25 23:24	1
Dichlorobromomethane	0.00088	U	0.00088	0.00023	mg/Kg	☼	10/15/25 09:35	10/15/25 23:24	1
Dichlorodifluoromethane	0.00088	U *	0.00088	0.00030	mg/Kg	☼	10/15/25 09:35	10/15/25 23:24	1
Ethylbenzene	0.00088	U	0.00088	0.00041	mg/Kg	☼	10/15/25 09:35	10/15/25 23:24	1
Ethylene Dibromide	0.00088	U *	0.00088	0.00044	mg/Kg	☼	10/15/25 09:35	10/15/25 23:24	1
Isopropylbenzene	0.00088	U	0.00088	0.00025	mg/Kg	☼	10/15/25 09:35	10/15/25 23:24	1
Methyl acetate	0.0044	U	0.0044	0.0038	mg/Kg	☼	10/15/25 09:35	10/15/25 23:24	1
Methyl tert-butyl ether	0.00088	U	0.00088	0.00045	mg/Kg	☼	10/15/25 09:35	10/15/25 23:24	1
Methylcyclohexane	0.00088	U	0.00088	0.00044	mg/Kg	☼	10/15/25 09:35	10/15/25 23:24	1
Methylene Chloride	0.0018	U	0.0018	0.0010	mg/Kg	☼	10/15/25 09:35	10/15/25 23:24	1
m-Xylene & p-Xylene	0.00088	U	0.00088	0.00037	mg/Kg	☼	10/15/25 09:35	10/15/25 23:24	1
n-Butylbenzene	0.00088	U	0.00088	0.00026	mg/Kg	☼	10/15/25 09:35	10/15/25 23:24	1
N-Propylbenzene	0.00088	U	0.00088	0.00040	mg/Kg	☼	10/15/25 09:35	10/15/25 23:24	1
o-Xylene	0.00088	U	0.00088	0.00041	mg/Kg	☼	10/15/25 09:35	10/15/25 23:24	1
sec-Butylbenzene	0.00088	U	0.00088	0.00025	mg/Kg	☼	10/15/25 09:35	10/15/25 23:24	1
Styrene	0.00088	U	0.00088	0.00025	mg/Kg	☼	10/15/25 09:35	10/15/25 23:24	1
tert-Butylbenzene	0.00088	U	0.00088	0.00024	mg/Kg	☼	10/15/25 09:35	10/15/25 23:24	1
Tetrachloroethene	0.00088	U	0.00088	0.00027	mg/Kg	☼	10/15/25 09:35	10/15/25 23:24	1
Toluene	0.00088	U	0.00088	0.00021	mg/Kg	☼	10/15/25 09:35	10/15/25 23:24	1
trans-1,2-Dichloroethene	0.00088	U	0.00088	0.00022	mg/Kg	☼	10/15/25 09:35	10/15/25 23:24	1
trans-1,3-Dichloropropene	0.00088	U	0.00088	0.00023	mg/Kg	☼	10/15/25 09:35	10/15/25 23:24	1
Trichloroethene	0.00088	U	0.00088	0.00028	mg/Kg	☼	10/15/25 09:35	10/15/25 23:24	1
Trichlorofluoromethane	0.00088	U	0.00088	0.00036	mg/Kg	☼	10/15/25 09:35	10/15/25 23:24	1
Vinyl chloride	0.00088	U	0.00088	0.00048	mg/Kg	☼	10/15/25 09:35	10/15/25 23:24	1
Xylenes, Total	0.0018	U	0.0018	0.00015	mg/Kg	☼	10/15/25 09:35	10/15/25 23:24	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,2-Dichloroethane-d4 (Surr)	*104*		*65 - 138*	*10/15/25 09:35*	*10/15/25 23:24*	*1*
4-Bromofluorobenzene	*108*		*71 - 128*	*10/15/25 09:35*	*10/15/25 23:24*	*1*
Dibromofluoromethane (Surr)	*104*		*50 - 150*	*10/15/25 09:35*	*10/15/25 23:24*	*1*
Toluene-d8 (Surr)	*94*		*71 - 126*	*10/15/25 09:35*	*10/15/25 23:24*	*1*

Client Sample ID: 41A1_5-6

Lab Sample ID: 460-337134-12

Date Collected: 10/13/25 10:00
Matrix: Solid
Date Received: 10/13/25 15:00
Percent Solids: 91.8

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Percent Moisture (EPA Moisture)	8.2		1.0	1.0	%			10/16/25 16:57	1
Percent Solids (EPA Moisture)	91.8		1.0	1.0	%			10/16/25 16:57	1

Client Sample ID: 41A2_1-2

Lab Sample ID: 460-337134-13

Date Collected: 10/13/25 10:05
Matrix: Solid
Date Received: 10/13/25 15:00
Percent Solids: 85.9

Method: SW846 8260D - Volatile Organic Compounds by GC/MS

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1-Trichloroethane	0.00098	U	0.00098	0.00023	mg/Kg	☼	10/15/25 09:35	10/16/25 09:42	1
1,1,2,2-Tetrachloroethane	0.00098	U	0.00098	0.00051	mg/Kg	☼	10/15/25 09:35	10/16/25 09:42	1
1,1,2-Trichloro-1,2,2-trifluoroethane	0.00098	U	0.00098	0.00029	mg/Kg	☼	10/15/25 09:35	10/16/25 09:42	1
1,1,2-Trichloroethane	0.00098	U *	0.00098	0.00059	mg/Kg	☼	10/15/25 09:35	10/16/25 09:42	1
1,1-Dichloroethane	0.00098	U	0.00098	0.00058	mg/Kg	☼	10/15/25 09:35	10/16/25 09:42	1
1,1-Dichloroethene	0.00098	U	0.00098	0.00022	mg/Kg	☼	10/15/25 09:35	10/16/25 09:42	1
1,2,3-Trichlorobenzene	0.00098	U	0.00098	0.00072	mg/Kg	☼	10/15/25 09:35	10/16/25 09:42	1
1,2,4-Trichlorobenzene	0.00098	U	0.00098	0.00035	mg/Kg	☼	10/15/25 09:35	10/16/25 09:42	1
1,2,4-Trimethylbenzene	0.00098	U	0.00098	0.00024	mg/Kg	☼	10/15/25 09:35	10/16/25 09:42	1
1,2-Dibromo-3-Chloropropane	0.00098	U	0.00098	0.00045	mg/Kg	☼	10/15/25 09:35	10/16/25 09:42	1
1,2-Dichlorobenzene	0.00098	U	0.00098	0.00035	mg/Kg	☼	10/15/25 09:35	10/16/25 09:42	1
1,2-Dichloroethane	0.00098	U	0.00098	0.00029	mg/Kg	☼	10/15/25 09:35	10/16/25 09:42	1
1,2-Dichloropropane	0.00098	U	0.00098	0.00041	mg/Kg	☼	10/15/25 09:35	10/16/25 09:42	1
1,3,5-Trimethylbenzene	0.00098	U	0.00098	0.00031	mg/Kg	☼	10/15/25 09:35	10/16/25 09:42	1
1,3-Dichlorobenzene	0.00098	U	0.00098	0.00036	mg/Kg	☼	10/15/25 09:35	10/16/25 09:42	1
1,4-Dichlorobenzene	0.00098	U	0.00098	0.00051	mg/Kg	☼	10/15/25 09:35	10/16/25 09:42	1
2-Butanone (MEK)	0.0049	U	0.0049	0.00036	mg/Kg	☼	10/15/25 09:35	10/16/25 09:42	1
2-Hexanone	0.0049	U	0.0049	0.0017	mg/Kg	☼	10/15/25 09:35	10/16/25 09:42	1
4-Methyl-2-pentanone (MIBK)	0.0049	U	0.0049	0.0015	mg/Kg	☼	10/15/25 09:35	10/16/25 09:42	1
Acetone	0.0059	U	0.0059	0.0056	mg/Kg	☼	10/15/25 09:35	10/16/25 09:42	1
Benzene	0.00098	U	0.00098	0.00055	mg/Kg	☼	10/15/25 09:35	10/16/25 09:42	1
Bromoform	0.00098	U	0.00098	0.00042	mg/Kg	☼	10/15/25 09:35	10/16/25 09:42	1
Bromomethane	0.0020	U	0.0020	0.00098	mg/Kg	☼	10/15/25 09:35	10/16/25 09:42	1
Carbon disulfide	0.00098	U	0.00098	0.00026	mg/Kg	☼	10/15/25 09:35	10/16/25 09:42	1
Carbon tetrachloride	0.00098	U	0.00098	0.00038	mg/Kg	☼	10/15/25 09:35	10/16/25 09:42	1
Chlorobenzene	0.00098	U	0.00098	0.00050	mg/Kg	☼	10/15/25 09:35	10/16/25 09:42	1
Chlorobromomethane	0.00098	U	0.00098	0.00058	mg/Kg	☼	10/15/25 09:35	10/16/25 09:42	1
Chlorodibromomethane	0.00098	U	0.00098	0.00053	mg/Kg	☼	10/15/25 09:35	10/16/25 09:42	1
Chloroethane	0.00098	U	0.00098	0.00051	mg/Kg	☼	10/15/25 09:35	10/16/25 09:42	1
Chloroform	0.00098	U	0.00098	0.00095	mg/Kg	☼	10/15/25 09:35	10/16/25 09:42	1
Chloromethane	0.00098	U	0.00098	0.00043	mg/Kg	☼	10/15/25 09:35	10/16/25 09:42	1
cis-1,2-Dichloroethene	0.00098	U	0.00098	0.00035	mg/Kg	☼	10/15/25 09:35	10/16/25 09:42	1
cis-1,3-Dichloropropene	0.00098	U	0.00098	0.00027	mg/Kg	☼	10/15/25 09:35	10/16/25 09:42	1
Cyclohexane	0.00098	U	0.00098	0.00022	mg/Kg	☼	10/15/25 09:35	10/16/25 09:42	1
Dichlorobromomethane	0.00098	U	0.00098	0.00025	mg/Kg	☼	10/15/25 09:35	10/16/25 09:42	1
Dichlorodifluoromethane	0.00098	U	0.00098	0.00033	mg/Kg	☼	10/15/25 09:35	10/16/25 09:42	1
Ethylbenzene	0.00098	U	0.00098	0.00046	mg/Kg	☼	10/15/25 09:35	10/16/25 09:42	1
Ethylene Dibromide	0.00098	U *	0.00098	0.00049	mg/Kg	☼	10/15/25 09:35	10/16/25 09:42	1
Isopropylbenzene	0.00098	U	0.00098	0.00028	mg/Kg	☼	10/15/25 09:35	10/16/25 09:42	1
Methyl acetate	0.0049	U	0.0049	0.0042	mg/Kg	☼	10/15/25 09:35	10/16/25 09:42	1
Methyl tert-butyl ether	0.00098	U	0.00098	0.00050	mg/Kg	☼	10/15/25 09:35	10/16/25 09:42	1

Client Sample ID: 41A2_1-2

Lab Sample ID: 460-337134-13

Date Collected: 10/13/25 10:05
Matrix: Solid
Date Received: 10/13/25 15:00
Percent Solids: 85.9

Method: SW846 8260D - Volatile Organic Compounds by GC/MS (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Methylcyclohexane	0.00098	U	0.00098	0.00049	mg/Kg	☼	10/15/25 09:35	10/16/25 09:42	1
Methylene Chloride	**0.0018**	**J**	0.0020	0.0011	mg/Kg	☼	10/15/25 09:35	10/16/25 09:42	1
m-Xylene & p-Xylene	**0.00051**	**J**	0.00098	0.00041	mg/Kg	☼	10/15/25 09:35	10/16/25 09:42	1
n-Butylbenzene	0.00098	U	0.00098	0.00029	mg/Kg	☼	10/15/25 09:35	10/16/25 09:42	1
N-Propylbenzene	0.00098	U	0.00098	0.00044	mg/Kg	☼	10/15/25 09:35	10/16/25 09:42	1
o-Xylene	0.00098	U	0.00098	0.00045	mg/Kg	☼	10/15/25 09:35	10/16/25 09:42	1
sec-Butylbenzene	0.00098	U	0.00098	0.00028	mg/Kg	☼	10/15/25 09:35	10/16/25 09:42	1
Styrene	0.00098	U	0.00098	0.00027	mg/Kg	☼	10/15/25 09:35	10/16/25 09:42	1
tert-Butylbenzene	0.00098	U	0.00098	0.00027	mg/Kg	☼	10/15/25 09:35	10/16/25 09:42	1
Tetrachloroethene	0.00098	U	0.00098	0.00030	mg/Kg	☼	10/15/25 09:35	10/16/25 09:42	1
Toluene	0.00098	U	0.00098	0.00023	mg/Kg	☼	10/15/25 09:35	10/16/25 09:42	1
trans-1,2-Dichloroethene	0.00098	U	0.00098	0.00024	mg/Kg	☼	10/15/25 09:35	10/16/25 09:42	1
trans-1,3-Dichloropropene	0.00098	U	0.00098	0.00026	mg/Kg	☼	10/15/25 09:35	10/16/25 09:42	1
Trichloroethene	0.00098	U	0.00098	0.00031	mg/Kg	☼	10/15/25 09:35	10/16/25 09:42	1
Trichlorofluoromethane	0.00098	U	0.00098	0.00040	mg/Kg	☼	10/15/25 09:35	10/16/25 09:42	1
Vinyl chloride	0.00098	U	0.00098	0.00053	mg/Kg	☼	10/15/25 09:35	10/16/25 09:42	1
Xylenes, Total	**0.00051**	**J**	0.0020	0.00017	mg/Kg	☼	10/15/25 09:35	10/16/25 09:42	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,2-Dichloroethane-d4 (Surr)	*100*		*65 - 138*	*10/15/25 09:35*	*10/16/25 09:42*	*1*
4-Bromofluorobenzene	*104*		*71 - 128*	*10/15/25 09:35*	*10/16/25 09:42*	*1*
Dibromofluoromethane (Surr)	*98*		*50 - 150*	*10/15/25 09:35*	*10/16/25 09:42*	*1*
Toluene-d8 (Surr)	*93*		*71 - 126*	*10/15/25 09:35*	*10/16/25 09:42*	*1*

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Percent Moisture (EPA Moisture)	**14.1**		1.0	1.0	%			10/16/25 16:57	1
Percent Solids (EPA Moisture)	**85.9**		1.0	1.0	%			10/16/25 16:57	1

Client Sample ID: 41A3_2-3

Lab Sample ID: 460-337134-14

Date Collected: 10/13/25 10:10
Matrix: Solid
Date Received: 10/13/25 15:00
Percent Solids: 85.7

Method: SW846 8260D - Volatile Organic Compounds by GC/MS

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1-Trichloroethane	0.0010	U	0.0010	0.00024	mg/Kg	☼	10/15/25 09:36	10/16/25 00:10	1
1,1,2,2-Tetrachloroethane	0.0010	U	0.0010	0.00054	mg/Kg	☼	10/15/25 09:36	10/16/25 00:10	1
1,1,2-Trichloro-1,2,2-trifluoroethane	0.0010	U	0.0010	0.00031	mg/Kg	☼	10/15/25 09:36	10/16/25 00:10	1
1,1,2-Trichloroethane	0.0010	U *	0.0010	0.00062	mg/Kg	☼	10/15/25 09:36	10/16/25 00:10	1
1,1-Dichloroethane	0.0010	U	0.0010	0.00061	mg/Kg	☼	10/15/25 09:36	10/16/25 00:10	1
1,1-Dichloroethene	0.0010	U	0.0010	0.00023	mg/Kg	☼	10/15/25 09:36	10/16/25 00:10	1
1,2,3-Trichlorobenzene	0.0010	U	0.0010	0.00076	mg/Kg	☼	10/15/25 09:36	10/16/25 00:10	1
1,2,4-Trichlorobenzene	0.0010	U	0.0010	0.00037	mg/Kg	☼	10/15/25 09:36	10/16/25 00:10	1
1,2,4-Trimethylbenzene	0.0010	U	0.0010	0.00025	mg/Kg	☼	10/15/25 09:36	10/16/25 00:10	1
1,2-Dibromo-3-Chloropropane	0.0010	U	0.0010	0.00047	mg/Kg	☼	10/15/25 09:36	10/16/25 00:10	1
1,2-Dichlorobenzene	0.0010	U	0.0010	0.00037	mg/Kg	☼	10/15/25 09:36	10/16/25 00:10	1
1,2-Dichloroethane	0.0010	U	0.0010	0.00030	mg/Kg	☼	10/15/25 09:36	10/16/25 00:10	1
1,2-Dichloropropane	0.0010	U	0.0010	0.00044	mg/Kg	☼	10/15/25 09:36	10/16/25 00:10	1
1,3,5-Trimethylbenzene	0.0010	U	0.0010	0.00032	mg/Kg	☼	10/15/25 09:36	10/16/25 00:10	1
1,3-Dichlorobenzene	0.0010	U	0.0010	0.00038	mg/Kg	☼	10/15/25 09:36	10/16/25 00:10	1

Client Sample ID: 41A3_2-3
Date Collected: 10/13/25 10:10
Date Received: 10/13/25 15:00

Lab Sample ID: 460-337134-14
Matrix: Solid
Percent Solids: 85.7

Method: SW846 8260D - Volatile Organic Compounds by GC/MS (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,4-Dichlorobenzene	0.0010	U	0.0010	0.00053	mg/Kg	☼	10/15/25 09:36	10/16/25 00:10	1
2-Butanone (MEK)	0.0051	U	0.0051	0.00038	mg/Kg	☼	10/15/25 09:36	10/16/25 00:10	1
2-Hexanone	0.0051	U	0.0051	0.0018	mg/Kg	☼	10/15/25 09:36	10/16/25 00:10	1
4-Methyl-2-pentanone (MIBK)	0.0051	U *	0.0051	0.0016	mg/Kg	☼	10/15/25 09:36	10/16/25 00:10	1
Acetone	0.0062	U	0.0062	0.0059	mg/Kg	☼	10/15/25 09:36	10/16/25 00:10	1
Benzene	0.0010	U	0.0010	0.00058	mg/Kg	☼	10/15/25 09:36	10/16/25 00:10	1
Bromoform	0.0010	U	0.0010	0.00044	mg/Kg	☼	10/15/25 09:36	10/16/25 00:10	1
Bromomethane	0.0021	U	0.0021	0.0010	mg/Kg	☼	10/15/25 09:36	10/16/25 00:10	1
Carbon disulfide	0.0010	U	0.0010	0.00027	mg/Kg	☼	10/15/25 09:36	10/16/25 00:10	1
Carbon tetrachloride	0.0010	U	0.0010	0.00040	mg/Kg	☼	10/15/25 09:36	10/16/25 00:10	1
Chlorobenzene	0.0010	U	0.0010	0.00052	mg/Kg	☼	10/15/25 09:36	10/16/25 00:10	1
Chlorobromomethane	0.0010	U	0.0010	0.00061	mg/Kg	☼	10/15/25 09:36	10/16/25 00:10	1
Chlorodibromomethane	0.0010	U	0.0010	0.00055	mg/Kg	☼	10/15/25 09:36	10/16/25 00:10	1
Chloroethane	0.0010	U	0.0010	0.00054	mg/Kg	☼	10/15/25 09:36	10/16/25 00:10	1
Chloroform	0.0010	U	0.0010	0.0010	mg/Kg	☼	10/15/25 09:36	10/16/25 00:10	1
Chloromethane	0.0010	U	0.0010	0.00045	mg/Kg	☼	10/15/25 09:36	10/16/25 00:10	1
cis-1,2-Dichloroethene	0.0010	U	0.0010	0.00037	mg/Kg	☼	10/15/25 09:36	10/16/25 00:10	1
cis-1,3-Dichloropropene	0.0010	U	0.0010	0.00028	mg/Kg	☼	10/15/25 09:36	10/16/25 00:10	1
Cyclohexane	0.0010	U	0.0010	0.00023	mg/Kg	☼	10/15/25 09:36	10/16/25 00:10	1
Dichlorobromomethane	0.0010	U	0.0010	0.00026	mg/Kg	☼	10/15/25 09:36	10/16/25 00:10	1
Dichlorodifluoromethane	0.0010	U *	0.0010	0.00035	mg/Kg	☼	10/15/25 09:36	10/16/25 00:10	1
Ethylbenzene	0.0010	U	0.0010	0.00048	mg/Kg	☼	10/15/25 09:36	10/16/25 00:10	1
Ethylene Dibromide	0.0010	U *	0.0010	0.00052	mg/Kg	☼	10/15/25 09:36	10/16/25 00:10	1
Isopropylbenzene	0.0010	U	0.0010	0.00029	mg/Kg	☼	10/15/25 09:36	10/16/25 00:10	1
Methyl acetate	0.0051	U	0.0051	0.0044	mg/Kg	☼	10/15/25 09:36	10/16/25 00:10	1
Methyl tert-butyl ether	0.0010	U	0.0010	0.00053	mg/Kg	☼	10/15/25 09:36	10/16/25 00:10	1
Methylcyclohexane	0.0010	U	0.0010	0.00051	mg/Kg	☼	10/15/25 09:36	10/16/25 00:10	1
Methylene Chloride	0.0021	U	0.0021	0.0012	mg/Kg	☼	10/15/25 09:36	10/16/25 00:10	1
m-Xylene & p-Xylene	0.0010	U	0.0010	0.00044	mg/Kg	☼	10/15/25 09:36	10/16/25 00:10	1
n-Butylbenzene	0.0010	U	0.0010	0.00030	mg/Kg	☼	10/15/25 09:36	10/16/25 00:10	1
N-Propylbenzene	0.0010	U	0.0010	0.00046	mg/Kg	☼	10/15/25 09:36	10/16/25 00:10	1
o-Xylene	0.0010	U	0.0010	0.00047	mg/Kg	☼	10/15/25 09:36	10/16/25 00:10	1
sec-Butylbenzene	0.0010	U	0.0010	0.00030	mg/Kg	☼	10/15/25 09:36	10/16/25 00:10	1
Styrene	0.0010	U	0.0010	0.00029	mg/Kg	☼	10/15/25 09:36	10/16/25 00:10	1
tert-Butylbenzene	0.0010	U	0.0010	0.00028	mg/Kg	☼	10/15/25 09:36	10/16/25 00:10	1
Tetrachloroethene	0.0010	U	0.0010	0.00031	mg/Kg	☼	10/15/25 09:36	10/16/25 00:10	1
Toluene	**0.00050**	**J**	0.0010	0.00024	mg/Kg	☼	10/15/25 09:36	10/16/25 00:10	1
trans-1,2-Dichloroethene	0.0010	U	0.0010	0.00025	mg/Kg	☼	10/15/25 09:36	10/16/25 00:10	1
trans-1,3-Dichloropropene	0.0010	U	0.0010	0.00027	mg/Kg	☼	10/15/25 09:36	10/16/25 00:10	1
Trichloroethene	0.0010	U	0.0010	0.00033	mg/Kg	☼	10/15/25 09:36	10/16/25 00:10	1
Trichlorofluoromethane	0.0010	U	0.0010	0.00042	mg/Kg	☼	10/15/25 09:36	10/16/25 00:10	1
Vinyl chloride	0.0010	U	0.0010	0.00056	mg/Kg	☼	10/15/25 09:36	10/16/25 00:10	1
Xylenes, Total	**0.00034**	**J**	0.0021	0.00018	mg/Kg	☼	10/15/25 09:36	10/16/25 00:10	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,2-Dichloroethane-d4 (Surr)	*103*		*65 - 138*	*10/15/25 09:36*	*10/16/25 00:10*	*1*
4-Bromofluorobenzene	*104*		*71 - 128*	*10/15/25 09:36*	*10/16/25 00:10*	*1*
Dibromofluoromethane (Surr)	*100*		*50 - 150*	*10/15/25 09:36*	*10/16/25 00:10*	*1*
Toluene-d8 (Surr)	*91*		*71 - 126*	*10/15/25 09:36*	*10/16/25 00:10*	*1*

Client Sample ID: 41A3_2-3

Lab Sample ID: 460-337134-14

Date Collected: 10/13/25 10:10
Matrix: Solid
Date Received: 10/13/25 15:00
Percent Solids: 85.7

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Percent Moisture (EPA Moisture)	14.3		1.0	1.0	%			10/16/25 17:02	1
Percent Solids (EPA Moisture)	85.7		1.0	1.0	%			10/16/25 17:02	1

Client Sample ID: 41A4_3-4

Lab Sample ID: 460-337134-15

Date Collected: 10/13/25 10:15
Matrix: Solid
Date Received: 10/13/25 15:00
Percent Solids: 85.3

Method: SW846 8260D - Volatile Organic Compounds by GC/MS

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1-Trichloroethane	0.00082	U	0.00082	0.00019	mg/Kg	☼	10/15/25 09:36	10/16/25 00:33	1
1,1,2,2-Tetrachloroethane	0.00082	U	0.00082	0.00043	mg/Kg	☼	10/15/25 09:36	10/16/25 00:33	1
1,1,2-Trichloro-1,2,2-trifluoroethane	0.00082	U	0.00082	0.00025	mg/Kg	☼	10/15/25 09:36	10/16/25 00:33	1
1,1,2-Trichloroethane	0.00082	U *	0.00082	0.00049	mg/Kg	☼	10/15/25 09:36	10/16/25 00:33	1
1,1-Dichloroethane	0.00082	U	0.00082	0.00049	mg/Kg	☼	10/15/25 09:36	10/16/25 00:33	1
1,1-Dichloroethene	0.00082	U	0.00082	0.00019	mg/Kg	☼	10/15/25 09:36	10/16/25 00:33	1
1,2,3-Trichlorobenzene	0.00082	U	0.00082	0.00061	mg/Kg	☼	10/15/25 09:36	10/16/25 00:33	1
1,2,4-Trichlorobenzene	0.00082	U	0.00082	0.00029	mg/Kg	☼	10/15/25 09:36	10/16/25 00:33	1
1,2,4-Trimethylbenzene	0.00082	U	0.00082	0.00020	mg/Kg	☼	10/15/25 09:36	10/16/25 00:33	1
1,2-Dibromo-3-Chloropropane	0.00082	U	0.00082	0.00038	mg/Kg	☼	10/15/25 09:36	10/16/25 00:33	1
1,2-Dichlorobenzene	0.00082	U	0.00082	0.00030	mg/Kg	☼	10/15/25 09:36	10/16/25 00:33	1
1,2-Dichloroethane	0.00082	U	0.00082	0.00024	mg/Kg	☼	10/15/25 09:36	10/16/25 00:33	1
1,2-Dichloropropane	0.00082	U	0.00082	0.00035	mg/Kg	☼	10/15/25 09:36	10/16/25 00:33	1
1,3,5-Trimethylbenzene	0.00082	U	0.00082	0.00026	mg/Kg	☼	10/15/25 09:36	10/16/25 00:33	1
1,3-Dichlorobenzene	0.00082	U	0.00082	0.00030	mg/Kg	☼	10/15/25 09:36	10/16/25 00:33	1
1,4-Dichlorobenzene	0.00082	U	0.00082	0.00043	mg/Kg	☼	10/15/25 09:36	10/16/25 00:33	1
2-Butanone (MEK)	0.0041	U	0.0041	0.00030	mg/Kg	☼	10/15/25 09:36	10/16/25 00:33	1
2-Hexanone	0.0041	U	0.0041	0.0014	mg/Kg	☼	10/15/25 09:36	10/16/25 00:33	1
4-Methyl-2-pentanone (MIBK)	0.0041	U *	0.0041	0.0013	mg/Kg	☼	10/15/25 09:36	10/16/25 00:33	1
Acetone	0.0049	U	0.0049	0.0047	mg/Kg	☼	10/15/25 09:36	10/16/25 00:33	1
Benzene	0.00082	U	0.00082	0.00047	mg/Kg	☼	10/15/25 09:36	10/16/25 00:33	1
Bromoform	0.00082	U	0.00082	0.00035	mg/Kg	☼	10/15/25 09:36	10/16/25 00:33	1
Bromomethane	0.0016	U	0.0016	0.00082	mg/Kg	☼	10/15/25 09:36	10/16/25 00:33	1
Carbon disulfide	0.00082	U	0.00082	0.00022	mg/Kg	☼	10/15/25 09:36	10/16/25 00:33	1
Carbon tetrachloride	0.00082	U	0.00082	0.00032	mg/Kg	☼	10/15/25 09:36	10/16/25 00:33	1
Chlorobenzene	0.00082	U	0.00082	0.00042	mg/Kg	☼	10/15/25 09:36	10/16/25 00:33	1
Chlorobromomethane	0.00082	U	0.00082	0.00049	mg/Kg	☼	10/15/25 09:36	10/16/25 00:33	1
Chlorodibromomethane	0.00082	U	0.00082	0.00044	mg/Kg	☼	10/15/25 09:36	10/16/25 00:33	1
Chloroethane	0.00082	U	0.00082	0.00043	mg/Kg	☼	10/15/25 09:36	10/16/25 00:33	1
Chloroform	0.00082	U	0.00082	0.00080	mg/Kg	☼	10/15/25 09:36	10/16/25 00:33	1
Chloromethane	0.00082	U	0.00082	0.00036	mg/Kg	☼	10/15/25 09:36	10/16/25 00:33	1
cis-1,2-Dichloroethene	0.00082	U	0.00082	0.00029	mg/Kg	☼	10/15/25 09:36	10/16/25 00:33	1
cis-1,3-Dichloropropene	0.00082	U	0.00082	0.00022	mg/Kg	☼	10/15/25 09:36	10/16/25 00:33	1
Cyclohexane	0.00082	U	0.00082	0.00018	mg/Kg	☼	10/15/25 09:36	10/16/25 00:33	1
Dichlorobromomethane	0.00082	U	0.00082	0.00021	mg/Kg	☼	10/15/25 09:36	10/16/25 00:33	1
Dichlorodifluoromethane	0.00082	U *	0.00082	0.00028	mg/Kg	☼	10/15/25 09:36	10/16/25 00:33	1
Ethylbenzene	0.00082	U	0.00082	0.00038	mg/Kg	☼	10/15/25 09:36	10/16/25 00:33	1
Ethylene Dibromide	0.00082	U *	0.00082	0.00041	mg/Kg	☼	10/15/25 09:36	10/16/25 00:33	1
Isopropylbenzene	0.00082	U	0.00082	0.00023	mg/Kg	☼	10/15/25 09:36	10/16/25 00:33	1
Methyl acetate	0.0041	U	0.0041	0.0035	mg/Kg	☼	10/15/25 09:36	10/16/25 00:33	1
Methyl tert-butyl ether	0.00082	U	0.00082	0.00042	mg/Kg	☼	10/15/25 09:36	10/16/25 00:33	1

Client Sample ID: 41A4_3-4

Lab Sample ID: 460-337134-15

Date Collected: 10/13/25 10:15
Matrix: Solid
Date Received: 10/13/25 15:00
Percent Solids: 85.3

Method: SW846 8260D - Volatile Organic Compounds by GC/MS (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Methylcyclohexane	0.00082	U	0.00082	0.00041	mg/Kg	☼	10/15/25 09:36	10/16/25 00:33	1
Methylene Chloride	0.0016	U	0.0016	0.00094	mg/Kg	☼	10/15/25 09:36	10/16/25 00:33	1
m-Xylene & p-Xylene	0.00082	U	0.00082	0.00035	mg/Kg	☼	10/15/25 09:36	10/16/25 00:33	1
n-Butylbenzene	0.00082	U	0.00082	0.00024	mg/Kg	☼	10/15/25 09:36	10/16/25 00:33	1
N-Propylbenzene	0.00082	U	0.00082	0.00037	mg/Kg	☼	10/15/25 09:36	10/16/25 00:33	1
o-Xylene	0.00082	U	0.00082	0.00038	mg/Kg	☼	10/15/25 09:36	10/16/25 00:33	1
sec-Butylbenzene	0.00082	U	0.00082	0.00024	mg/Kg	☼	10/15/25 09:36	10/16/25 00:33	1
Styrene	0.00082	U	0.00082	0.00023	mg/Kg	☼	10/15/25 09:36	10/16/25 00:33	1
tert-Butylbenzene	0.00082	U	0.00082	0.00023	mg/Kg	☼	10/15/25 09:36	10/16/25 00:33	1
Tetrachloroethene	0.00082	U	0.00082	0.00025	mg/Kg	☼	10/15/25 09:36	10/16/25 00:33	1
Toluene	**0.00036**	**J**	0.00082	0.00019	mg/Kg	☼	10/15/25 09:36	10/16/25 00:33	1
trans-1,2-Dichloroethene	0.00082	U	0.00082	0.00020	mg/Kg	☼	10/15/25 09:36	10/16/25 00:33	1
trans-1,3-Dichloropropene	0.00082	U	0.00082	0.00022	mg/Kg	☼	10/15/25 09:36	10/16/25 00:33	1
Trichloroethene	0.00082	U	0.00082	0.00026	mg/Kg	☼	10/15/25 09:36	10/16/25 00:33	1
Trichlorofluoromethane	0.00082	U	0.00082	0.00033	mg/Kg	☼	10/15/25 09:36	10/16/25 00:33	1
Vinyl chloride	0.00082	U	0.00082	0.00045	mg/Kg	☼	10/15/25 09:36	10/16/25 00:33	1
Xylenes, Total	0.0016	U	0.0016	0.00014	mg/Kg	☼	10/15/25 09:36	10/16/25 00:33	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,2-Dichloroethane-d4 (Surr)	*103*		*65 - 138*	*10/15/25 09:36*	*10/16/25 00:33*	*1*
4-Bromofluorobenzene	*103*		*71 - 128*	*10/15/25 09:36*	*10/16/25 00:33*	*1*
Dibromofluoromethane (Surr)	*100*		*50 - 150*	*10/15/25 09:36*	*10/16/25 00:33*	*1*
Toluene-d8 (Surr)	*92*		*71 - 126*	*10/15/25 09:36*	*10/16/25 00:33*	*1*

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Percent Moisture (EPA Moisture)	**14.7**		1.0	1.0	%			10/16/25 17:02	1
Percent Solids (EPA Moisture)	**85.3**		1.0	1.0	%			10/16/25 17:02	1

Client Sample ID: 41A5_4-5

Lab Sample ID: 460-337134-16

Date Collected: 10/13/25 10:20
Matrix: Solid
Date Received: 10/13/25 15:00
Percent Solids: 87.8

Method: SW846 8260D - Volatile Organic Compounds by GC/MS

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1-Trichloroethane	0.00091	U	0.00091	0.00021	mg/Kg	☼	10/15/25 09:36	10/16/25 00:56	1
1,1,2,2-Tetrachloroethane	0.00091	U	0.00091	0.00047	mg/Kg	☼	10/15/25 09:36	10/16/25 00:56	1
1,1,2-Trichloro-1,2,2-trifluoroethane	0.00091	U	0.00091	0.00027	mg/Kg	☼	10/15/25 09:36	10/16/25 00:56	1
1,1,2-Trichloroethane	0.00091	U *	0.00091	0.00054	mg/Kg	☼	10/15/25 09:36	10/16/25 00:56	1
1,1-Dichloroethane	0.00091	U	0.00091	0.00054	mg/Kg	☼	10/15/25 09:36	10/16/25 00:56	1
1,1-Dichloroethene	0.00091	U	0.00091	0.00020	mg/Kg	☼	10/15/25 09:36	10/16/25 00:56	1
1,2,3-Trichlorobenzene	0.00091	U	0.00091	0.00067	mg/Kg	☼	10/15/25 09:36	10/16/25 00:56	1
1,2,4-Trichlorobenzene	0.00091	U	0.00091	0.00032	mg/Kg	☼	10/15/25 09:36	10/16/25 00:56	1
1,2,4-Trimethylbenzene	0.00091	U	0.00091	0.00022	mg/Kg	☼	10/15/25 09:36	10/16/25 00:56	1
1,2-Dibromo-3-Chloropropane	0.00091	U	0.00091	0.00042	mg/Kg	☼	10/15/25 09:36	10/16/25 00:56	1
1,2-Dichlorobenzene	0.00091	U	0.00091	0.00033	mg/Kg	☼	10/15/25 09:36	10/16/25 00:56	1
1,2-Dichloroethane	0.00091	U	0.00091	0.00027	mg/Kg	☼	10/15/25 09:36	10/16/25 00:56	1
1,2-Dichloropropane	0.00091	U	0.00091	0.00038	mg/Kg	☼	10/15/25 09:36	10/16/25 00:56	1
1,3,5-Trimethylbenzene	0.00091	U	0.00091	0.00028	mg/Kg	☼	10/15/25 09:36	10/16/25 00:56	1
1,3-Dichlorobenzene	0.00091	U	0.00091	0.00033	mg/Kg	☼	10/15/25 09:36	10/16/25 00:56	1

Client: Haley & Aldrich, Inc.
Project/Site: Former Port Mobil

Job ID: 460-337134-1

Client Sample ID: 41A5_4-5
Date Collected: 10/13/25 10:20
Date Received: 10/13/25 15:00

Lab Sample ID: 460-337134-16
Matrix: Solid
Percent Solids: 87.8

Method: SW846 8260D - Volatile Organic Compounds by GC/MS (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,4-Dichlorobenzene	0.00091	U	0.00091	0.00047	mg/Kg	☼	10/15/25 09:36	10/16/25 00:56	1
2-Butanone (MEK)	0.0045	U	0.0045	0.00033	mg/Kg	☼	10/15/25 09:36	10/16/25 00:56	1
2-Hexanone	0.0045	U	0.0045	0.0016	mg/Kg	☼	10/15/25 09:36	10/16/25 00:56	1
4-Methyl-2-pentanone (MIBK)	0.0045	U *	0.0045	0.0014	mg/Kg	☼	10/15/25 09:36	10/16/25 00:56	1
Acetone	0.0054	U	0.0054	0.0052	mg/Kg	☼	10/15/25 09:36	10/16/25 00:56	1
Benzene	0.00091	U	0.00091	0.00051	mg/Kg	☼	10/15/25 09:36	10/16/25 00:56	1
Bromoform	0.00091	U	0.00091	0.00039	mg/Kg	☼	10/15/25 09:36	10/16/25 00:56	1
Bromomethane	0.0018	U	0.0018	0.00091	mg/Kg	☼	10/15/25 09:36	10/16/25 00:56	1
Carbon disulfide	0.00091	U	0.00091	0.00024	mg/Kg	☼	10/15/25 09:36	10/16/25 00:56	1
Carbon tetrachloride	0.00091	U	0.00091	0.00035	mg/Kg	☼	10/15/25 09:36	10/16/25 00:56	1
Chlorobenzene	0.00091	U	0.00091	0.00046	mg/Kg	☼	10/15/25 09:36	10/16/25 00:56	1
Chlorobromomethane	0.00091	U	0.00091	0.00054	mg/Kg	☼	10/15/25 09:36	10/16/25 00:56	1
Chlorodibromomethane	0.00091	U	0.00091	0.00049	mg/Kg	☼	10/15/25 09:36	10/16/25 00:56	1
Chloroethane	0.00091	U	0.00091	0.00047	mg/Kg	☼	10/15/25 09:36	10/16/25 00:56	1
Chloroform	0.00091	U	0.00091	0.00088	mg/Kg	☼	10/15/25 09:36	10/16/25 00:56	1
Chloromethane	0.00091	U	0.00091	0.00039	mg/Kg	☼	10/15/25 09:36	10/16/25 00:56	1
cis-1,2-Dichloroethene	0.00091	U	0.00091	0.00032	mg/Kg	☼	10/15/25 09:36	10/16/25 00:56	1
cis-1,3-Dichloropropene	0.00091	U	0.00091	0.00025	mg/Kg	☼	10/15/25 09:36	10/16/25 00:56	1
Cyclohexane	0.00091	U	0.00091	0.00020	mg/Kg	☼	10/15/25 09:36	10/16/25 00:56	1
Dichlorobromomethane	0.00091	U	0.00091	0.00023	mg/Kg	☼	10/15/25 09:36	10/16/25 00:56	1
Dichlorodifluoromethane	0.00091	U *	0.00091	0.00031	mg/Kg	☼	10/15/25 09:36	10/16/25 00:56	1
Ethylbenzene	0.00091	U	0.00091	0.00042	mg/Kg	☼	10/15/25 09:36	10/16/25 00:56	1
Ethylene Dibromide	0.00091	U *	0.00091	0.00046	mg/Kg	☼	10/15/25 09:36	10/16/25 00:56	1
Isopropylbenzene	0.00091	U	0.00091	0.00026	mg/Kg	☼	10/15/25 09:36	10/16/25 00:56	1
Methyl acetate	0.0045	U	0.0045	0.0039	mg/Kg	☼	10/15/25 09:36	10/16/25 00:56	1
Methyl tert-butyl ether	0.00091	U	0.00091	0.00046	mg/Kg	☼	10/15/25 09:36	10/16/25 00:56	1
Methylcyclohexane	0.00091	U	0.00091	0.00045	mg/Kg	☼	10/15/25 09:36	10/16/25 00:56	1
Methylene Chloride	0.0018	U	0.0018	0.0010	mg/Kg	☼	10/15/25 09:36	10/16/25 00:56	1
m-Xylene & p-Xylene	0.00091	U	0.00091	0.00038	mg/Kg	☼	10/15/25 09:36	10/16/25 00:56	1
n-Butylbenzene	0.00091	U	0.00091	0.00027	mg/Kg	☼	10/15/25 09:36	10/16/25 00:56	1
N-Propylbenzene	0.00091	U	0.00091	0.00041	mg/Kg	☼	10/15/25 09:36	10/16/25 00:56	1
o-Xylene	0.00091	U	0.00091	0.00042	mg/Kg	☼	10/15/25 09:36	10/16/25 00:56	1
sec-Butylbenzene	0.00091	U	0.00091	0.00026	mg/Kg	☼	10/15/25 09:36	10/16/25 00:56	1
Styrene	0.00091	U	0.00091	0.00025	mg/Kg	☼	10/15/25 09:36	10/16/25 00:56	1
tert-Butylbenzene	0.00091	U	0.00091	0.00025	mg/Kg	☼	10/15/25 09:36	10/16/25 00:56	1
Tetrachloroethene	0.00091	U	0.00091	0.00028	mg/Kg	☼	10/15/25 09:36	10/16/25 00:56	1
Toluene	0.00091	U	0.00091	0.00021	mg/Kg	☼	10/15/25 09:36	10/16/25 00:56	1
trans-1,2-Dichloroethene	0.00091	U	0.00091	0.00022	mg/Kg	☼	10/15/25 09:36	10/16/25 00:56	1
trans-1,3-Dichloropropene	0.00091	U	0.00091	0.00024	mg/Kg	☼	10/15/25 09:36	10/16/25 00:56	1
Trichloroethene	0.00091	U	0.00091	0.00029	mg/Kg	☼	10/15/25 09:36	10/16/25 00:56	1
Trichlorofluoromethane	0.00091	U	0.00091	0.00037	mg/Kg	☼	10/15/25 09:36	10/16/25 00:56	1
Vinyl chloride	0.00091	U	0.00091	0.00050	mg/Kg	☼	10/15/25 09:36	10/16/25 00:56	1
Xylenes, Total	0.0018	U	0.0018	0.00016	mg/Kg	☼	10/15/25 09:36	10/16/25 00:56	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,2-Dichloroethane-d4 (Surr)	*105*		*65 - 138*	*10/15/25 09:36*	*10/16/25 00:56*	*1*
4-Bromofluorobenzene	*103*		*71 - 128*	*10/15/25 09:36*	*10/16/25 00:56*	*1*
Dibromofluoromethane (Surr)	*101*		*50 - 150*	*10/15/25 09:36*	*10/16/25 00:56*	*1*
Toluene-d8 (Surr)	*93*		*71 - 126*	*10/15/25 09:36*	*10/16/25 00:56*	*1*

Client Sample ID: 41A5_4-5

Lab Sample ID: 460-337134-16

Date Collected: 10/13/25 10:20
Matrix: Solid
Date Received: 10/13/25 15:00
Percent Solids: 87.8

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Percent Moisture (EPA Moisture)	12.2		1.0	1.0	%			10/16/25 17:02	1
Percent Solids (EPA Moisture)	87.8		1.0	1.0	%			10/16/25 17:02	1

Client Sample ID: 41A6_5-6

Lab Sample ID: 460-337134-17

Date Collected: 10/13/25 10:25
Matrix: Solid
Date Received: 10/13/25 15:00
Percent Solids: 96.4

Method: SW846 8260D - Volatile Organic Compounds by GC/MS

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1-Trichloroethane	0.00098	U	0.00098	0.00023	mg/Kg	☼	10/15/25 09:37	10/16/25 01:19	1
1,1,2,2-Tetrachloroethane	0.00098	U	0.00098	0.00051	mg/Kg	☼	10/15/25 09:37	10/16/25 01:19	1
1,1,2-Trichloro-1,2,2-trifluoroethane	0.00098	U	0.00098	0.00030	mg/Kg	☼	10/15/25 09:37	10/16/25 01:19	1
1,1,2-Trichloroethane	0.00098	U *	0.00098	0.00059	mg/Kg	☼	10/15/25 09:37	10/16/25 01:19	1
1,1-Dichloroethane	0.00098	U	0.00098	0.00059	mg/Kg	☼	10/15/25 09:37	10/16/25 01:19	1
1,1-Dichloroethene	0.00098	U	0.00098	0.00022	mg/Kg	☼	10/15/25 09:37	10/16/25 01:19	1
1,2,3-Trichlorobenzene	0.00098	U	0.00098	0.00072	mg/Kg	☼	10/15/25 09:37	10/16/25 01:19	1
1,2,4-Trichlorobenzene	0.00098	U	0.00098	0.00035	mg/Kg	☼	10/15/25 09:37	10/16/25 01:19	1
1,2,4-Trimethylbenzene	0.00098	U	0.00098	0.00024	mg/Kg	☼	10/15/25 09:37	10/16/25 01:19	1
1,2-Dibromo-3-Chloropropane	0.00098	U	0.00098	0.00045	mg/Kg	☼	10/15/25 09:37	10/16/25 01:19	1
1,2-Dichlorobenzene	0.00098	U	0.00098	0.00035	mg/Kg	☼	10/15/25 09:37	10/16/25 01:19	1
1,2-Dichloroethane	0.00098	U	0.00098	0.00029	mg/Kg	☼	10/15/25 09:37	10/16/25 01:19	1
1,2-Dichloropropane	0.00098	U	0.00098	0.00042	mg/Kg	☼	10/15/25 09:37	10/16/25 01:19	1
1,3,5-Trimethylbenzene	0.00098	U	0.00098	0.00031	mg/Kg	☼	10/15/25 09:37	10/16/25 01:19	1
1,3-Dichlorobenzene	0.00098	U	0.00098	0.00036	mg/Kg	☼	10/15/25 09:37	10/16/25 01:19	1
1,4-Dichlorobenzene	0.00098	U	0.00098	0.00051	mg/Kg	☼	10/15/25 09:37	10/16/25 01:19	1
2-Butanone (MEK)	0.0049	U	0.0049	0.00036	mg/Kg	☼	10/15/25 09:37	10/16/25 01:19	1
2-Hexanone	0.0049	U	0.0049	0.0017	mg/Kg	☼	10/15/25 09:37	10/16/25 01:19	1
4-Methyl-2-pentanone (MIBK)	0.0049	U *	0.0049	0.0015	mg/Kg	☼	10/15/25 09:37	10/16/25 01:19	1
Acetone	0.012		0.0059	0.0056	mg/Kg	☼	10/15/25 09:37	10/16/25 01:19	1
Benzene	0.00098	U	0.00098	0.00056	mg/Kg	☼	10/15/25 09:37	10/16/25 01:19	1
Bromoform	0.00098	U	0.00098	0.00042	mg/Kg	☼	10/15/25 09:37	10/16/25 01:19	1
Bromomethane	0.0020	U	0.0020	0.00098	mg/Kg	☼	10/15/25 09:37	10/16/25 01:19	1
Carbon disulfide	0.00098	U	0.00098	0.00026	mg/Kg	☼	10/15/25 09:37	10/16/25 01:19	1
Carbon tetrachloride	0.00098	U	0.00098	0.00038	mg/Kg	☼	10/15/25 09:37	10/16/25 01:19	1
Chlorobenzene	0.00098	U	0.00098	0.00050	mg/Kg	☼	10/15/25 09:37	10/16/25 01:19	1
Chlorobromomethane	0.00098	U	0.00098	0.00059	mg/Kg	☼	10/15/25 09:37	10/16/25 01:19	1
Chlorodibromomethane	0.00098	U	0.00098	0.00053	mg/Kg	☼	10/15/25 09:37	10/16/25 01:19	1
Chloroethane	0.00098	U	0.00098	0.00051	mg/Kg	☼	10/15/25 09:37	10/16/25 01:19	1
Chloroform	0.00098	U	0.00098	0.00095	mg/Kg	☼	10/15/25 09:37	10/16/25 01:19	1
Chloromethane	0.00098	U	0.00098	0.00043	mg/Kg	☼	10/15/25 09:37	10/16/25 01:19	1
cis-1,2-Dichloroethene	0.00098	U	0.00098	0.00035	mg/Kg	☼	10/15/25 09:37	10/16/25 01:19	1
cis-1,3-Dichloropropene	0.00098	U	0.00098	0.00027	mg/Kg	☼	10/15/25 09:37	10/16/25 01:19	1
Cyclohexane	0.00098	U	0.00098	0.00022	mg/Kg	☼	10/15/25 09:37	10/16/25 01:19	1
Dichlorobromomethane	0.00098	U	0.00098	0.00025	mg/Kg	☼	10/15/25 09:37	10/16/25 01:19	1
Dichlorodifluoromethane	0.00098	U *	0.00098	0.00033	mg/Kg	☼	10/15/25 09:37	10/16/25 01:19	1
Ethylbenzene	0.00098	U	0.00098	0.00046	mg/Kg	☼	10/15/25 09:37	10/16/25 01:19	1
Ethylene Dibromide	0.00098	U *	0.00098	0.00050	mg/Kg	☼	10/15/25 09:37	10/16/25 01:19	1
Isopropylbenzene	0.00098	U	0.00098	0.00028	mg/Kg	☼	10/15/25 09:37	10/16/25 01:19	1
Methyl acetate	0.0049	U	0.0049	0.0042	mg/Kg	☼	10/15/25 09:37	10/16/25 01:19	1
Methyl tert-butyl ether	0.00098	U	0.00098	0.00050	mg/Kg	☼	10/15/25 09:37	10/16/25 01:19	1

Client Sample ID: 41A6_5-6

Lab Sample ID: 460-337134-17

Date Collected: 10/13/25 10:25
Matrix: Solid
Date Received: 10/13/25 15:00
Percent Solids: 96.4

Method: SW846 8260D - Volatile Organic Compounds by GC/MS (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Methylcyclohexane	0.00098	U	0.00098	0.00049	mg/Kg	☼	10/15/25 09:37	10/16/25 01:19	1
Methylene Chloride	0.0020	U	0.0020	0.0011	mg/Kg	☼	10/15/25 09:37	10/16/25 01:19	1
m-Xylene & p-Xylene	0.00098	U	0.00098	0.00042	mg/Kg	☼	10/15/25 09:37	10/16/25 01:19	1
n-Butylbenzene	0.00098	U	0.00098	0.00029	mg/Kg	☼	10/15/25 09:37	10/16/25 01:19	1
N-Propylbenzene	0.00098	U	0.00098	0.00044	mg/Kg	☼	10/15/25 09:37	10/16/25 01:19	1
o-Xylene	0.00098	U	0.00098	0.00045	mg/Kg	☼	10/15/25 09:37	10/16/25 01:19	1
sec-Butylbenzene	0.00098	U	0.00098	0.00028	mg/Kg	☼	10/15/25 09:37	10/16/25 01:19	1
Styrene	0.00098	U	0.00098	0.00027	mg/Kg	☼	10/15/25 09:37	10/16/25 01:19	1
tert-Butylbenzene	0.00098	U	0.00098	0.00027	mg/Kg	☼	10/15/25 09:37	10/16/25 01:19	1
Tetrachloroethene	0.00098	U	0.00098	0.00030	mg/Kg	☼	10/15/25 09:37	10/16/25 01:19	1
Toluene	0.00098	U	0.00098	0.00023	mg/Kg	☼	10/15/25 09:37	10/16/25 01:19	1
trans-1,2-Dichloroethene	0.00098	U	0.00098	0.00024	mg/Kg	☼	10/15/25 09:37	10/16/25 01:19	1
trans-1,3-Dichloropropene	0.00098	U	0.00098	0.00026	mg/Kg	☼	10/15/25 09:37	10/16/25 01:19	1
Trichloroethene	0.00098	U	0.00098	0.00032	mg/Kg	☼	10/15/25 09:37	10/16/25 01:19	1
Trichlorofluoromethane	0.00098	U	0.00098	0.00040	mg/Kg	☼	10/15/25 09:37	10/16/25 01:19	1
Vinyl chloride	0.00098	U	0.00098	0.00054	mg/Kg	☼	10/15/25 09:37	10/16/25 01:19	1
Xylenes, Total	0.0020	U	0.0020	0.00017	mg/Kg	☼	10/15/25 09:37	10/16/25 01:19	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,2-Dichloroethane-d4 (Surr)	*102*		*65 - 138*	*10/15/25 09:37*	*10/16/25 01:19*	*1*
4-Bromofluorobenzene	*103*		*71 - 128*	*10/15/25 09:37*	*10/16/25 01:19*	*1*
Dibromofluoromethane (Surr)	*100*		*50 - 150*	*10/15/25 09:37*	*10/16/25 01:19*	*1*
Toluene-d8 (Surr)	*92*		*71 - 126*	*10/15/25 09:37*	*10/16/25 01:19*	*1*

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Percent Moisture (EPA Moisture)	**3.6**		1.0	1.0	%			10/16/25 17:02	1
Percent Solids (EPA Moisture)	**96.4**		1.0	1.0	%			10/16/25 17:02	1

Client Sample ID: 41A7_2-3

Lab Sample ID: 460-337134-18

Date Collected: 10/13/25 10:30
Matrix: Solid
Date Received: 10/13/25 15:00
Percent Solids: 85.2

Method: SW846 8260D - Volatile Organic Compounds by GC/MS

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1-Trichloroethane	0.00075	U	0.00075	0.00018	mg/Kg	☼	10/15/25 09:37	10/16/25 01:42	1
1,1,2,2-Tetrachloroethane	0.00075	U	0.00075	0.00039	mg/Kg	☼	10/15/25 09:37	10/16/25 01:42	1
1,1,2-Trichloro-1,2,2-trifluoroethane	0.00075	U	0.00075	0.00023	mg/Kg	☼	10/15/25 09:37	10/16/25 01:42	1
1,1,2-Trichloroethane	0.00075	U *	0.00075	0.00045	mg/Kg	☼	10/15/25 09:37	10/16/25 01:42	1
1,1-Dichloroethane	0.00075	U	0.00075	0.00045	mg/Kg	☼	10/15/25 09:37	10/16/25 01:42	1
1,1-Dichloroethene	0.00075	U	0.00075	0.00017	mg/Kg	☼	10/15/25 09:37	10/16/25 01:42	1
1,2,3-Trichlorobenzene	0.00075	U	0.00075	0.00056	mg/Kg	☼	10/15/25 09:37	10/16/25 01:42	1
1,2,4-Trichlorobenzene	0.00075	U	0.00075	0.00027	mg/Kg	☼	10/15/25 09:37	10/16/25 01:42	1
1,2,4-Trimethylbenzene	**0.00065**	**J**	0.00075	0.00019	mg/Kg	☼	10/15/25 09:37	10/16/25 01:42	1
1,2-Dibromo-3-Chloropropane	0.00075	U	0.00075	0.00035	mg/Kg	☼	10/15/25 09:37	10/16/25 01:42	1
1,2-Dichlorobenzene	0.00075	U	0.00075	0.00027	mg/Kg	☼	10/15/25 09:37	10/16/25 01:42	1
1,2-Dichloroethane	0.00075	U	0.00075	0.00022	mg/Kg	☼	10/15/25 09:37	10/16/25 01:42	1
1,2-Dichloropropane	0.00075	U	0.00075	0.00032	mg/Kg	☼	10/15/25 09:37	10/16/25 01:42	1
1,3,5-Trimethylbenzene	0.00075	U	0.00075	0.00024	mg/Kg	☼	10/15/25 09:37	10/16/25 01:42	1
1,3-Dichlorobenzene	0.00075	U	0.00075	0.00027	mg/Kg	☼	10/15/25 09:37	10/16/25 01:42	1

Client Sample ID: 41A7_2-3
Date Collected: 10/13/25 10:30
Date Received: 10/13/25 15:00

Lab Sample ID: 460-337134-18
Matrix: Solid
Percent Solids: 85.2

Method: SW846 8260D - Volatile Organic Compounds by GC/MS (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,4-Dichlorobenzene	0.00075	U	0.00075	0.00039	mg/Kg	☼	10/15/25 09:37	10/16/25 01:42	1
2-Butanone (MEK)	0.0038	U	0.0038	0.00028	mg/Kg	☼	10/15/25 09:37	10/16/25 01:42	1
2-Hexanone	0.0038	U	0.0038	0.0013	mg/Kg	☼	10/15/25 09:37	10/16/25 01:42	1
4-Methyl-2-pentanone (MIBK)	0.0038	U *	0.0038	0.0012	mg/Kg	☼	10/15/25 09:37	10/16/25 01:42	1
Acetone	0.0045	U	0.0045	0.0043	mg/Kg	☼	10/15/25 09:37	10/16/25 01:42	1
Benzene	0.00075	U	0.00075	0.00043	mg/Kg	☼	10/15/25 09:37	10/16/25 01:42	1
Bromoform	0.00075	U	0.00075	0.00032	mg/Kg	☼	10/15/25 09:37	10/16/25 01:42	1
Bromomethane	0.0015	U	0.0015	0.00075	mg/Kg	☼	10/15/25 09:37	10/16/25 01:42	1
Carbon disulfide	0.00075	U	0.00075	0.00020	mg/Kg	☼	10/15/25 09:37	10/16/25 01:42	1
Carbon tetrachloride	0.00075	U	0.00075	0.00029	mg/Kg	☼	10/15/25 09:37	10/16/25 01:42	1
Chlorobenzene	0.00075	U	0.00075	0.00038	mg/Kg	☼	10/15/25 09:37	10/16/25 01:42	1
Chlorobromomethane	0.00075	U	0.00075	0.00045	mg/Kg	☼	10/15/25 09:37	10/16/25 01:42	1
Chlorodibromomethane	0.00075	U	0.00075	0.00040	mg/Kg	☼	10/15/25 09:37	10/16/25 01:42	1
Chloroethane	0.00075	U	0.00075	0.00039	mg/Kg	☼	10/15/25 09:37	10/16/25 01:42	1
Chloroform	0.00075	U	0.00075	0.00073	mg/Kg	☼	10/15/25 09:37	10/16/25 01:42	1
Chloromethane	0.00075	U	0.00075	0.00033	mg/Kg	☼	10/15/25 09:37	10/16/25 01:42	1
cis-1,2-Dichloroethene	0.00075	U	0.00075	0.00027	mg/Kg	☼	10/15/25 09:37	10/16/25 01:42	1
cis-1,3-Dichloropropene	0.00075	U	0.00075	0.00021	mg/Kg	☼	10/15/25 09:37	10/16/25 01:42	1
Cyclohexane	0.00075	U	0.00075	0.00017	mg/Kg	☼	10/15/25 09:37	10/16/25 01:42	1
Dichlorobromomethane	0.00075	U	0.00075	0.00019	mg/Kg	☼	10/15/25 09:37	10/16/25 01:42	1
Dichlorodifluoromethane	0.00075	U *	0.00075	0.00025	mg/Kg	☼	10/15/25 09:37	10/16/25 01:42	1
Ethylbenzene	0.00075	U	0.00075	0.00035	mg/Kg	☼	10/15/25 09:37	10/16/25 01:42	1
Ethylene Dibromide	0.00075	U *	0.00075	0.00038	mg/Kg	☼	10/15/25 09:37	10/16/25 01:42	1
Isopropylbenzene	0.00075	U	0.00075	0.00021	mg/Kg	☼	10/15/25 09:37	10/16/25 01:42	1
Methyl acetate	0.0038	U	0.0038	0.0032	mg/Kg	☼	10/15/25 09:37	10/16/25 01:42	1
Methyl tert-butyl ether	0.00075	U	0.00075	0.00039	mg/Kg	☼	10/15/25 09:37	10/16/25 01:42	1
Methylcyclohexane	0.00075	U	0.00075	0.00038	mg/Kg	☼	10/15/25 09:37	10/16/25 01:42	1
Methylene Chloride	0.0015	U	0.0015	0.00086	mg/Kg	☼	10/15/25 09:37	10/16/25 01:42	1
m-Xylene & p-Xylene	**0.00046**	**J**	0.00075	0.00032	mg/Kg	☼	10/15/25 09:37	10/16/25 01:42	1
n-Butylbenzene	0.00075	U	0.00075	0.00022	mg/Kg	☼	10/15/25 09:37	10/16/25 01:42	1
N-Propylbenzene	0.00075	U	0.00075	0.00034	mg/Kg	☼	10/15/25 09:37	10/16/25 01:42	1
o-Xylene	0.00075	U	0.00075	0.00035	mg/Kg	☼	10/15/25 09:37	10/16/25 01:42	1
sec-Butylbenzene	0.00075	U	0.00075	0.00022	mg/Kg	☼	10/15/25 09:37	10/16/25 01:42	1
Styrene	0.00075	U	0.00075	0.00021	mg/Kg	☼	10/15/25 09:37	10/16/25 01:42	1
tert-Butylbenzene	0.00075	U	0.00075	0.00021	mg/Kg	☼	10/15/25 09:37	10/16/25 01:42	1
Tetrachloroethene	0.00075	U	0.00075	0.00023	mg/Kg	☼	10/15/25 09:37	10/16/25 01:42	1
Toluene	0.00075	U	0.00075	0.00018	mg/Kg	☼	10/15/25 09:37	10/16/25 01:42	1
trans-1,2-Dichloroethene	0.00075	U	0.00075	0.00019	mg/Kg	☼	10/15/25 09:37	10/16/25 01:42	1
trans-1,3-Dichloropropene	0.00075	U	0.00075	0.00020	mg/Kg	☼	10/15/25 09:37	10/16/25 01:42	1
Trichloroethene	0.00075	U	0.00075	0.00024	mg/Kg	☼	10/15/25 09:37	10/16/25 01:42	1
Trichlorofluoromethane	0.00075	U	0.00075	0.00031	mg/Kg	☼	10/15/25 09:37	10/16/25 01:42	1
Vinyl chloride	0.00075	U	0.00075	0.00041	mg/Kg	☼	10/15/25 09:37	10/16/25 01:42	1
Xylenes, Total	**0.00046**	**J**	0.0015	0.00013	mg/Kg	☼	10/15/25 09:37	10/16/25 01:42	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,2-Dichloroethane-d4 (Surr)	*103*		*65 - 138*	*10/15/25 09:37*	*10/16/25 01:42*	*1*
4-Bromofluorobenzene	*106*		*71 - 128*	*10/15/25 09:37*	*10/16/25 01:42*	*1*
Dibromofluoromethane (Surr)	*100*		*50 - 150*	*10/15/25 09:37*	*10/16/25 01:42*	*1*
Toluene-d8 (Surr)	*93*		*71 - 126*	*10/15/25 09:37*	*10/16/25 01:42*	*1*

Client Sample Results

Client: Haley & Aldrich, Inc.
Project/Site: Former Port Mobil

Job ID: 460-337134-1

Client Sample ID: 41A7_2-3
Date Collected: 10/13/25 10:30
Date Received: 10/13/25 15:00

Lab Sample ID: 460-337134-18
Matrix: Solid
Percent Solids: 85.2

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Percent Moisture (EPA Moisture)	14.8		1.0	1.0	%			10/16/25 17:02	1
Percent Solids (EPA Moisture)	85.2		1.0	1.0	%			10/16/25 17:02	1

Surrogate Summary

Client: Haley & Aldrich, Inc.
Project/Site: Former Port Mobil

Job ID: 460-337134-1

Method: 8260D - Volatile Organic Compounds by GC/MS

Matrix: Solid | **Prep Type: Total/NA**

		Percent Surrogate Recovery (Acceptance Limits)			
		DCA	BFB	DBFM	TOL
Lab Sample ID	Client Sample ID	(65-138)	(71-128)	(50-150)	(71-126)
460-337134-5	20A1_4-5	102	105	100	94
460-337134-6	20A2_1-2	105	104	102	93
460-337134-7	20A3_2-3	106	101	103	92
460-337134-8	20A1_5-6	101	103	99	93
460-337134-9	20A2_6-7	104	105	95	93
460-337134-10	20A3_7-8	103	107	101	94
460-337134-11	20A1_3-4	106	107	101	93
460-337134-12	41A1_5-6	104	108	104	94
460-337134-13	41A2_1-2	100	104	98	93
460-337134-14	41A3_2-3	103	104	100	91
460-337134-15	41A4_3-4	103	103	100	92
460-337134-16	41A5_4-5	105	103	101	93
460-337134-17	41A6_5-6	102	103	100	92
460-337134-18	41A7_2-3	103	106	100	93
LCS 460-1068561/3	Lab Control Sample	88	105	85	94
LCS 460-1068592/4	Lab Control Sample	88	107	86	95
LCSD 460-1068561/4	Lab Control Sample Dup	86	106	84	93
LCSD 460-1068592/28	Lab Control Sample Dup	89	106	86	94
MB 460-1068561/7	Method Blank	97	102	100	92
MB 460-1068592/7	Method Blank	101	102	102	92

Surrogate Legend

DCA = 1,2-Dichloroethane-d4 (Surr)
BFB = 4-Bromofluorobenzene
DBFM = Dibromofluoromethane (Surr)
TOL = Toluene-d8 (Surr)

Method: 8270E - Semivolatile Organic Compounds (GC/MS)

Matrix: Solid | **Prep Type: Total/NA**

		Percent Surrogate Recovery (Acceptance Limits)					
		TBP	FBP	2FP	NBZ	PHL	TPHL
Lab Sample ID	Client Sample ID	(18-137)	(33-117)	(24-120)	(27-120)	(28-118)	(33-124)
460-337134-1	20A_0-4	45	70	67	65	68	68
460-337134-2	20A_4-8	65	87	82	81	83	82
460-337134-3	41A_0-3	74	73	75	69	73	74
460-337134-4	41A_3-6	88	85	86	79	82	88
460-337196-B-6-G MS	Matrix Spike	74	71	70	65	66	74
460-337196-B-6-H MSD	Matrix Spike Duplicate	70	70	71	66	67	70
LCS 460-1068453/2-A	Lab Control Sample	77	72	78	71	73	79
LCSD 460-1068453/3-A	Lab Control Sample Dup	78	74	80	75	75	81
MB 460-1068453/1-A	Method Blank	73	71	74	71	69	76

Surrogate Legend

TBP = 2,4,6-Tribromophenol (Surr)
FBP = 2-Fluorobiphenyl
2FP = 2-Fluorophenol (Surr)
NBZ = Nitrobenzene-d5 (Surr)
PHL = Phenol-d5 (Surr)
TPHL = Terphenyl-d14 (Surr)

Surrogate Summary

Client: Haley & Aldrich, Inc.
Job ID: 460-337134-1
Project/Site: Former Port Mobil

Method: 8081B - Organochlorine Pesticides (GC)

Matrix: Solid
Prep Type: Total/NA

		Percent Surrogate Recovery (Acceptance Limits)			
		DCBP1	DCBP2	TCX1	TCX2
Lab Sample ID	Client Sample ID	(10-150)	(10-150)	(14-150)	(14-150)
460-337134-1	20A_0-4	50	49	66	67
460-337134-2	20A_4-8	36	34	46	47
460-337134-3	41A_0-3	42	37	56	58
460-337134-4	41A_3-6	46	46	57	58
460-337196-B-6-A MS	Matrix Spike	48	47	59	58
460-337196-B-6-B MSD	Matrix Spike Duplicate	52	40	60	59
LCS 460-1068447/2-A	Lab Control Sample	101	86	94	90
LCSD 460-1068447/3-A	Lab Control Sample Dup	103	86	96	91
MB 460-1068447/1-A	Method Blank	84	70	75	79

Surrogate Legend

DCBP = DCB Decachlorobiphenyl

TCX = Tetrachloro-m-xylene

Method: 8082A - Polychlorinated Biphenyls (PCBs) by Gas Chromatography

Matrix: Solid
Prep Type: Total/NA

		Percent Surrogate Recovery (Acceptance Limits)			
		DCBP1	DCBP2	TCX1	TCX2
Lab Sample ID	Client Sample ID	(10-150)	(10-150)	(10-150)	(10-150)
460-337134-1	20A_0-4	64	65	86	80
460-337134-2	20A_4-8	52	51	67	61
460-337134-3	41A_0-3	71	66	95	86
460-337134-4	41A_3-6	68	62	84	74
460-337196-B-6-D MS	Matrix Spike	101	107	122	128
460-337196-B-6-E MSD	Matrix Spike Duplicate	118	108	135	127
LCS 460-1068449/2-A	Lab Control Sample	118	109	71	75
LCSD 460-1068449/3-A	Lab Control Sample Dup	107	107	88	91
MB 460-1068449/1-A	Method Blank	87	88	78	82

Surrogate Legend

DCBP = DCB Decachlorobiphenyl

TCX = Tetrachloro-m-xylene

Isotope Dilution Summary

Client: Haley & Aldrich, Inc.
Project/Site: Former Port Mobil

Job ID: 460-337134-1

Method: 1633A - Per- and Polyfluoroalkyl Substances by LC/MS/MS, 1633A

Matrix: Solid **Prep Type: Total/NA**

		Percent Isotope Dilution Recovery (Acceptance Limits)							
		PFBA	PFPeA	13C5PHA	C4PFHA	C8PFOA	C9PFNA	C6PFDA	13C7PUA
Lab Sample ID	Client Sample ID	(8-130)	(35-130)	(40-130)	(40-130)	(40-130)	(40-130)	(40-130)	(40-130)
460-337134-1	20A_0-4	81.4	70.7	77.4	81.8	89.9	90.8	89.8	83.0
460-337134-2	20A_4-8	89.6	86.9	86.6	94.1	86.3	96.6	95.4	86.5
460-337134-3	41A_0-3	87.5	82.3	84.6	88.6	87.7	93.0	86.4	77.5
460-337134-4	41A_3-6	87.3	80.6	85.5	84.3	93.6	91.2	82.7	73.9
LCS 410-715830/2-A	Lab Control Sample	86.7	106	88.7	101	88.1	100	90.2	90.4
LCSD 410-715830/3-A	Lab Control Sample Dup	85.3	106	89.2	101	88.0	101	93.9	97.3
LLCS 410-715830/4-A	Lab Control Sample	79.3	95.6	80.6	93.8	81.6	93.8	83.9	78.8
MB 410-715830/1-A	Method Blank	82.5	101	85.5	98.9	86.7	93.6	88.6	87.0

		Percent Isotope Dilution Recovery (Acceptance Limits)							
		PFTDA	C3PFBS	C3PFHS	C8PFOS	PFOSA	d3NMFOS	d5NEFOS	M242FTS
Lab Sample ID	Client Sample ID	(20-130)	(40-135)	(40-130)	(40-130)	(40-130)	(40-135)	(40-150)	(40-165)
460-337134-1	20A_0-4	85.0	82.2	88.7	89.0	87.3	91.1	95.4	97.3
460-337134-2	20A_4-8	90.0	87.8	86.8	90.7	85.1	98.5	92.1	93.1
460-337134-3	41A_0-3	50.9	88.1	89.2	86.1	79.0	88.8	87.6	100
460-337134-4	41A_3-6	81.0	85.1	86.2	86.1	79.0	87.4	81.3	94.4
LCS 410-715830/2-A	Lab Control Sample	84.9	85.9	95.5	105	99.2	85.8	84.7	81.8
LCSD 410-715830/3-A	Lab Control Sample Dup	87.7	87.9	99.3	110	101	91.5	87.9	77.3
LLCS 410-715830/4-A	Lab Control Sample	70.3	81.4	90.9	98.8	90.4	76.1	71.8	75.7
MB 410-715830/1-A	Method Blank	76.9	81.8	91.4	93.5	97.1	79.6	79.4	82.7

		Percent Isotope Dilution Recovery (Acceptance Limits)							
		M262FTS	M282FTS	HFPODA	NMFM	NEFM	d5NPFSA	d3NMFSA	PFDoA
Lab Sample ID	Client Sample ID	(40-215)	(40-275)	(40-130)	(20-130)	(15-130)	(10-130)	(10-130)	(40-130)
460-337134-1	20A_0-4	97.6	135	73.4	66.6	53.4	72.3	81.1	79.7
460-337134-2	20A_4-8	96.6	155	86.0	78.1	64.0	81.3	84.5	84.3
460-337134-3	41A_0-3	96.7	124	84.4	74.9	56.8	59.5	68.8	70.5
460-337134-4	41A_3-6	90.9	123	80.5	67.2	57.8	76.1	76.7	70.4
LCS 410-715830/2-A	Lab Control Sample	83.1	90.1	89.1	66.9	55.1	75.2	84.9	87.0
LCSD 410-715830/3-A	Lab Control Sample Dup	81.3	88.1	90.0	71.6	59.2	89.4	96.1	94.5
LLCS 410-715830/4-A	Lab Control Sample	78.4	80.7	84.2	56.6	44.4	67.5	73.0	79.8
MB 410-715830/1-A	Method Blank	81.9	89.1	81.5	65.6	52.8	71.1	76.7	84.2

Surrogate Legend

PFBA = 13C4 PFBA
PFPeA = 13C5 PFPeA
13C5PHA = 13C5 PFHxA
C4PFHA = 13C4 PFHpA
C8PFOA = 13C8 PFOA
C9PFNA = 13C9 PFNA
C6PFDA = 13C6 PFDA
13C7PUA = 13C7 PFUnA
PFTDA = 13C2 PFTeDA
C3PFBS = 13C3 PFBS
C3PFHS = 13C3 PFHxS
C8PFOS = 13C8 PFOS
PFOSA = 13C8 FOSA
d3NMFOS = d3-NMeFOSAA
d5NEFOS = d5-NEtFOSAA
M242FTS = 13C2 4:2 FTS
M262FTS = 13C2 6:2 FTS

Isotope Dilution Summary

Client: Haley & Aldrich, Inc.
Job ID: 460-337134-1
Project/Site: Former Port Mobil

M282FTS = 13C2 8:2 FTS
HFPODA = 13C3 HFPO-DA
NMFM = d7-N-MeFOSE-M
NEFM = d9-N-EtFOSE-M
d5NPFSA = d5-NEtPFOSA
d3NMFSA = d3-NMePFOSA
PFDoA = 13C2 PFDoA

Method: 8260D - Volatile Organic Compounds by GC/MS

Lab Sample ID: MB 460-1068561/7
Matrix: Solid
Analysis Batch: 1068561

Client Sample ID: Method Blank
Prep Type: Total/NA

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1-Trichloroethane	0.0010	U	0.0010	0.00023	mg/Kg			10/15/25 17:39	1
1,1,2,2-Tetrachloroethane	0.0010	U	0.0010	0.00052	mg/Kg			10/15/25 17:39	1
1,1,2-Trichloro-1,2,2-trifluoroethane	0.0010	U	0.0010	0.00030	mg/Kg			10/15/25 17:39	1
1,1,2-Trichloroethane	0.0010	U	0.0010	0.00060	mg/Kg			10/15/25 17:39	1
1,1-Dichloroethane	0.0010	U	0.0010	0.00060	mg/Kg			10/15/25 17:39	1
1,1-Dichloroethene	0.0010	U	0.0010	0.00023	mg/Kg			10/15/25 17:39	1
1,2,3-Trichlorobenzene	0.0010	U	0.0010	0.00074	mg/Kg			10/15/25 17:39	1
1,2,4-Trichlorobenzene	0.0010	U	0.0010	0.00036	mg/Kg			10/15/25 17:39	1
1,2,4-Trimethylbenzene	0.0010	U	0.0010	0.00025	mg/Kg			10/15/25 17:39	1
1,2-Dibromo-3-Chloropropane	0.0010	U	0.0010	0.00046	mg/Kg			10/15/25 17:39	1
1,2-Dichlorobenzene	0.0010	U	0.0010	0.00036	mg/Kg			10/15/25 17:39	1
1,2-Dichloroethane	0.0010	U	0.0010	0.00030	mg/Kg			10/15/25 17:39	1
1,2-Dichloropropane	0.0010	U	0.0010	0.00042	mg/Kg			10/15/25 17:39	1
1,3,5-Trimethylbenzene	0.0010	U	0.0010	0.00031	mg/Kg			10/15/25 17:39	1
1,3-Dichlorobenzene	0.0010	U	0.0010	0.00037	mg/Kg			10/15/25 17:39	1
1,4-Dichlorobenzene	0.0010	U	0.0010	0.00052	mg/Kg			10/15/25 17:39	1
2-Butanone (MEK)	0.0050	U	0.0050	0.00037	mg/Kg			10/15/25 17:39	1
2-Hexanone	0.0050	U	0.0050	0.0017	mg/Kg			10/15/25 17:39	1
4-Methyl-2-pentanone (MIBK)	0.0050	U	0.0050	0.0016	mg/Kg			10/15/25 17:39	1
Acetone	0.0060	U	0.0060	0.0057	mg/Kg			10/15/25 17:39	1
Benzene	0.0010	U	0.0010	0.00057	mg/Kg			10/15/25 17:39	1
Bromoform	0.0010	U	0.0010	0.00043	mg/Kg			10/15/25 17:39	1
Bromomethane	0.0020	U	0.0020	0.0010	mg/Kg			10/15/25 17:39	1
Carbon disulfide	0.0010	U	0.0010	0.00027	mg/Kg			10/15/25 17:39	1
Carbon tetrachloride	0.0010	U	0.0010	0.00039	mg/Kg			10/15/25 17:39	1
Chlorobenzene	0.0010	U	0.0010	0.00051	mg/Kg			10/15/25 17:39	1
Chlorobromomethane	0.0010	U	0.0010	0.00060	mg/Kg			10/15/25 17:39	1
Chlorodibromomethane	0.0010	U	0.0010	0.00054	mg/Kg			10/15/25 17:39	1
Chloroethane	0.0010	U	0.0010	0.00052	mg/Kg			10/15/25 17:39	1
Chloroform	0.0010	U	0.0010	0.00097	mg/Kg			10/15/25 17:39	1
Chloromethane	0.0010	U	0.0010	0.00044	mg/Kg			10/15/25 17:39	1
cis-1,2-Dichloroethene	0.0010	U	0.0010	0.00036	mg/Kg			10/15/25 17:39	1
cis-1,3-Dichloropropene	0.0010	U	0.0010	0.00027	mg/Kg			10/15/25 17:39	1
Cyclohexane	0.0010	U	0.0010	0.00022	mg/Kg			10/15/25 17:39	1
Dichlorobromomethane	0.0010	U	0.0010	0.00026	mg/Kg			10/15/25 17:39	1
Dichlorodifluoromethane	0.0010	U	0.0010	0.00034	mg/Kg			10/15/25 17:39	1
Ethylbenzene	0.0010	U	0.0010	0.00047	mg/Kg			10/15/25 17:39	1
Ethylene Dibromide	0.0010	U	0.0010	0.00050	mg/Kg			10/15/25 17:39	1
Isopropylbenzene	0.0010	U	0.0010	0.00029	mg/Kg			10/15/25 17:39	1
Methyl acetate	0.0050	U	0.0050	0.0043	mg/Kg			10/15/25 17:39	1
Methyl tert-butyl ether	0.0010	U	0.0010	0.00051	mg/Kg			10/15/25 17:39	1
Methylcyclohexane	0.0010	U	0.0010	0.00050	mg/Kg			10/15/25 17:39	1
Methylene Chloride	0.0020	U	0.0020	0.0011	mg/Kg			10/15/25 17:39	1
m-Xylene & p-Xylene	0.0010	U	0.0010	0.00042	mg/Kg			10/15/25 17:39	1
n-Butylbenzene	0.0010	U	0.0010	0.00029	mg/Kg			10/15/25 17:39	1
N-Propylbenzene	0.0010	U	0.0010	0.00045	mg/Kg			10/15/25 17:39	1
o-Xylene	0.0010	U	0.0010	0.00046	mg/Kg			10/15/25 17:39	1
sec-Butylbenzene	0.0010	U	0.0010	0.00029	mg/Kg			10/15/25 17:39	1

Method: 8260D - Volatile Organic Compounds by GC/MS (Continued)

Lab Sample ID: MB 460-1068561/7
Matrix: Solid
Analysis Batch: 1068561

Client Sample ID: Method Blank
Prep Type: Total/NA

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Styrene	0.0010	U	0.0010	0.00028	mg/Kg			10/15/25 17:39	1
tert-Butylbenzene	0.0010	U	0.0010	0.00028	mg/Kg			10/15/25 17:39	1
Tetrachloroethene	0.0010	U	0.0010	0.00031	mg/Kg			10/15/25 17:39	1
Toluene	0.0010	U	0.0010	0.00023	mg/Kg			10/15/25 17:39	1
trans-1,2-Dichloroethene	0.0010	U	0.0010	0.00025	mg/Kg			10/15/25 17:39	1
trans-1,3-Dichloropropene	0.0010	U	0.0010	0.00027	mg/Kg			10/15/25 17:39	1
Trichloroethene	0.0010	U	0.0010	0.00032	mg/Kg			10/15/25 17:39	1
Trichlorofluoromethane	0.0010	U	0.0010	0.00041	mg/Kg			10/15/25 17:39	1
Vinyl chloride	0.0010	U	0.0010	0.00055	mg/Kg			10/15/25 17:39	1
Xylenes, Total	0.0020	U	0.0020	0.00017	mg/Kg			10/15/25 17:39	1

Surrogate	*MB %Recovery*	*MB Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,2-Dichloroethane-d4 (Surr)	*97*		*65 - 138*		*10/15/25 17:39*	*1*
4-Bromofluorobenzene	*102*		*71 - 128*		*10/15/25 17:39*	*1*
Dibromofluoromethane (Surr)	*100*		*50 - 150*		*10/15/25 17:39*	*1*
Toluene-d8 (Surr)	*92*		*71 - 126*		*10/15/25 17:39*	*1*

Lab Sample ID: LCS 460-1068561/3
Matrix: Solid
Analysis Batch: 1068561

Client Sample ID: Lab Control Sample
Prep Type: Total/NA

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
1,1,1-Trichloroethane	0.0200	0.0161		mg/Kg		81	78 - 120
1,1,2,2-Tetrachloroethane	0.0200	0.0249		mg/Kg		125	70 - 133
1,1,2-Trichloro-1,2,2-trifluoroethane	0.0200	0.0172		mg/Kg		86	75 - 121
1,1,2-Trichloroethane	0.0200	0.0240		mg/Kg		120	80 - 120
1,1-Dichloroethane	0.0200	0.0158		mg/Kg		79	72 - 120
1,1-Dichloroethene	0.0200	0.0165		mg/Kg		83	76 - 120
1,2,3-Trichlorobenzene	0.0200	0.0221		mg/Kg		111	77 - 137
1,2,4-Trichlorobenzene	0.0200	0.0213		mg/Kg		106	77 - 136
1,2,4-Trimethylbenzene	0.0200	0.0194		mg/Kg		97	75 - 120
1,2-Dibromo-3-Chloropropane	0.0200	0.0225		mg/Kg		112	80 - 124
1,2-Dichlorobenzene	0.0200	0.0224		mg/Kg		112	80 - 120
1,2-Dichloroethane	0.0200	0.0183		mg/Kg		92	70 - 123
1,2-Dichloropropane	0.0200	0.0186		mg/Kg		93	73 - 124
1,3,5-Trimethylbenzene	0.0200	0.0190		mg/Kg		95	70 - 120
1,3-Dichlorobenzene	0.0200	0.0207		mg/Kg		104	80 - 120
1,4-Dichlorobenzene	0.0200	0.0211		mg/Kg		106	80 - 120
2-Butanone (MEK)	0.100	0.115		mg/Kg		115	64 - 128
2-Hexanone	0.100	0.114		mg/Kg		114	75 - 120
4-Methyl-2-pentanone (MIBK)	0.100	0.121	*	mg/Kg		121	80 - 120
Acetone	0.100	0.0946		mg/Kg		95	58 - 122
Benzene	0.0200	0.0185		mg/Kg		93	75 - 120
Bromoform	0.0200	0.0239		mg/Kg		120	61 - 125
Bromomethane	0.0200	0.0150		mg/Kg		75	37 - 150
Carbon disulfide	0.0200	0.0153		mg/Kg		77	57 - 133
Carbon tetrachloride	0.0200	0.0157		mg/Kg		79	66 - 127
Chlorobenzene	0.0200	0.0195		mg/Kg		98	80 - 120

Method: 8260D - Volatile Organic Compounds by GC/MS (Continued)

Lab Sample ID: LCS 460-1068561/3
Matrix: Solid
Analysis Batch: 1068561

Client Sample ID: Lab Control Sample
Prep Type: Total/NA

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
Chlorobromomethane	0.0200	0.0194		mg/Kg		97	76 - 127
Chlorodibromomethane	0.0200	0.0225		mg/Kg		112	72 - 120
Chloroethane	0.0200	0.0156		mg/Kg		78	60 - 123
Chloroform	0.0200	0.0169		mg/Kg		84	79 - 126
Chloromethane	0.0200	0.0155		mg/Kg		77	46 - 122
cis-1,2-Dichloroethene	0.0200	0.0178		mg/Kg		89	80 - 123
cis-1,3-Dichloropropene	0.0200	0.0216		mg/Kg		108	75 - 120
Cyclohexane	0.0200	0.0173		mg/Kg		87	65 - 132
Dichlorobromomethane	0.0200	0.0190		mg/Kg		95	77 - 124
Dichlorodifluoromethane	0.0200	0.0236		mg/Kg		118	45 - 129
Ethylbenzene	0.0200	0.0191		mg/Kg		96	80 - 120
Ethylene Dibromide	0.0200	0.0248	*	mg/Kg		124	79 - 120
Isopropylbenzene	0.0200	0.0184		mg/Kg		92	74 - 120
Methyl acetate	0.0400	0.0373		mg/Kg		93	57 - 120
Methyl tert-butyl ether	0.0200	0.0227		mg/Kg		113	74 - 125
Methylcyclohexane	0.0200	0.0182		mg/Kg		91	66 - 125
Methylene Chloride	0.0200	0.0188		mg/Kg		94	78 - 120
m-Xylene & p-Xylene	0.0200	0.0190		mg/Kg		95	80 - 120
n-Butylbenzene	0.0200	0.0184		mg/Kg		92	72 - 120
N-Propylbenzene	0.0200	0.0193		mg/Kg		96	68 - 120
o-Xylene	0.0200	0.0195		mg/Kg		98	80 - 120
sec-Butylbenzene	0.0200	0.0188		mg/Kg		94	78 - 120
Styrene	0.0200	0.0187		mg/Kg		94	80 - 120
tert-Butylbenzene	0.0200	0.0190		mg/Kg		95	80 - 120
Tetrachloroethene	0.0200	0.0201		mg/Kg		100	73 - 120
Toluene	0.0200	0.0182		mg/Kg		91	80 - 120
trans-1,2-Dichloroethene	0.0200	0.0168		mg/Kg		84	78 - 120
trans-1,3-Dichloropropene	0.0200	0.0220		mg/Kg		110	77 - 120
Trichloroethene	0.0200	0.0191		mg/Kg		96	80 - 120
Trichlorofluoromethane	0.0200	0.0170		mg/Kg		85	61 - 130
Vinyl chloride	0.0200	0.0166		mg/Kg		83	54 - 122
Xylenes, Total	0.0400	0.0386		mg/Kg		96	80 - 120

Surrogate	*LCS %Recovery*	*LCS Qualifier*	*Limits*
1,2-Dichloroethane-d4 (Surr)	*88*		*65 - 138*
4-Bromofluorobenzene	*105*		*71 - 128*
Dibromofluoromethane (Surr)	*85*		*50 - 150*
Toluene-d8 (Surr)	*94*		*71 - 126*

Lab Sample ID: LCSD 460-1068561/4
Matrix: Solid
Analysis Batch: 1068561

Client Sample ID: Lab Control Sample Dup
Prep Type: Total/NA

Analyte	Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
1,1,1-Trichloroethane	0.0200	0.0173		mg/Kg		86	78 - 120	7	30
1,1,2,2-Tetrachloroethane	0.0200	0.0249		mg/Kg		125	70 - 133	0	30
1,1,2-Trichloro-1,2,2-trifluoroethane	0.0200	0.0176		mg/Kg		88	75 - 121	3	30
1,1,2-Trichloroethane	0.0200	0.0245	*	mg/Kg		123	80 - 120	2	30

Method: 8260D - Volatile Organic Compounds by GC/MS (Continued)

Lab Sample ID: LCSD 460-1068561/4
Matrix: Solid
Analysis Batch: 1068561

Client Sample ID: Lab Control Sample Dup
Prep Type: Total/NA

Analyte	Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
1,1-Dichloroethane	0.0200	0.0162		mg/Kg		81	72 - 120	3	30
1,1-Dichloroethene	0.0200	0.0169		mg/Kg		84	76 - 120	2	30
1,2,3-Trichlorobenzene	0.0200	0.0223		mg/Kg		111	77 - 137	1	30
1,2,4-Trichlorobenzene	0.0200	0.0209		mg/Kg		104	77 - 136	2	30
1,2,4-Trimethylbenzene	0.0200	0.0201		mg/Kg		101	75 - 120	4	30
1,2-Dibromo-3-Chloropropane	0.0200	0.0227		mg/Kg		113	80 - 124	1	30
1,2-Dichlorobenzene	0.0200	0.0229		mg/Kg		115	80 - 120	2	30
1,2-Dichloroethane	0.0200	0.0186		mg/Kg		93	70 - 123	1	30
1,2-Dichloropropane	0.0200	0.0184		mg/Kg		92	73 - 124	1	30
1,3,5-Trimethylbenzene	0.0200	0.0198		mg/Kg		99	70 - 120	4	30
1,3-Dichlorobenzene	0.0200	0.0212		mg/Kg		106	80 - 120	2	30
1,4-Dichlorobenzene	0.0200	0.0219		mg/Kg		109	80 - 120	3	30
2-Butanone (MEK)	0.100	0.117		mg/Kg		117	64 - 128	1	30
2-Hexanone	0.100	0.113		mg/Kg		113	75 - 120	2	30
4-Methyl-2-pentanone (MIBK)	0.100	0.119		mg/Kg		119	80 - 120	1	30
Acetone	0.100	0.0936		mg/Kg		94	58 - 122	1	30
Benzene	0.0200	0.0190		mg/Kg		95	75 - 120	3	30
Bromoform	0.0200	0.0237		mg/Kg		118	61 - 125	1	30
Bromomethane	0.0200	0.0161		mg/Kg		80	37 - 150	7	30
Carbon disulfide	0.0200	0.0160		mg/Kg		80	57 - 133	4	30
Carbon tetrachloride	0.0200	0.0163		mg/Kg		81	66 - 127	3	30
Chlorobenzene	0.0200	0.0200		mg/Kg		100	80 - 120	2	30
Chlorobromomethane	0.0200	0.0194		mg/Kg		97	76 - 127	0	30
Chlorodibromomethane	0.0200	0.0227		mg/Kg		114	72 - 120	1	30
Chloroethane	0.0200	0.0163		mg/Kg		82	60 - 123	4	30
Chloroform	0.0200	0.0170		mg/Kg		85	79 - 126	1	30
Chloromethane	0.0200	0.0168		mg/Kg		84	46 - 122	8	30
cis-1,2-Dichloroethene	0.0200	0.0180		mg/Kg		90	80 - 123	1	30
cis-1,3-Dichloropropene	0.0200	0.0213		mg/Kg		106	75 - 120	1	30
Cyclohexane	0.0200	0.0180		mg/Kg		90	65 - 132	4	30
Dichlorobromomethane	0.0200	0.0188		mg/Kg		94	77 - 124	1	30
Dichlorodifluoromethane	0.0200	0.0268	*	mg/Kg		134	45 - 129	13	30
Ethylbenzene	0.0200	0.0198		mg/Kg		99	80 - 120	3	30
Ethylene Dibromide	0.0200	0.0251	*	mg/Kg		125	79 - 120	1	30
Isopropylbenzene	0.0200	0.0194		mg/Kg		97	74 - 120	5	30
Methyl acetate	0.0400	0.0376		mg/Kg		94	57 - 120	1	30
Methyl tert-butyl ether	0.0200	0.0229		mg/Kg		114	74 - 125	1	30
Methylcyclohexane	0.0200	0.0195		mg/Kg		98	66 - 125	7	30
Methylene Chloride	0.0200	0.0191		mg/Kg		96	78 - 120	2	30
m-Xylene & p-Xylene	0.0200	0.0196		mg/Kg		98	80 - 120	3	30
n-Butylbenzene	0.0200	0.0194		mg/Kg		97	72 - 120	5	30
N-Propylbenzene	0.0200	0.0199		mg/Kg		100	68 - 120	3	30
o-Xylene	0.0200	0.0196		mg/Kg		98	80 - 120	0	30
sec-Butylbenzene	0.0200	0.0200		mg/Kg		100	78 - 120	6	30
Styrene	0.0200	0.0193		mg/Kg		97	80 - 120	3	30
tert-Butylbenzene	0.0200	0.0198		mg/Kg		99	80 - 120	4	30
Tetrachloroethene	0.0200	0.0211		mg/Kg		105	73 - 120	5	30
Toluene	0.0200	0.0190		mg/Kg		95	80 - 120	4	30
trans-1,2-Dichloroethene	0.0200	0.0171		mg/Kg		86	78 - 120	2	30

Method: 8260D - Volatile Organic Compounds by GC/MS (Continued)

Lab Sample ID: LCSD 460-1068561/4
Matrix: Solid
Analysis Batch: 1068561

Client Sample ID: Lab Control Sample Dup
Prep Type: Total/NA

Analyte			Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
trans-1,3-Dichloropropene			0.0200	0.0219		mg/Kg		110	77 - 120	0	30
Trichloroethene			0.0200	0.0200		mg/Kg		100	80 - 120	5	30
Trichlorofluoromethane			0.0200	0.0192		mg/Kg		96	61 - 130	12	30
Vinyl chloride			0.0200	0.0186		mg/Kg		93	54 - 122	12	30
Xylenes, Total			0.0400	0.0392		mg/Kg		98	80 - 120	2	30

Surrogate	*LCSD %Recovery*	*LCSD Qualifier*	*Limits*
1,2-Dichloroethane-d4 (Surr)	*86*		*65 - 138*
4-Bromofluorobenzene	*106*		*71 - 128*
Dibromofluoromethane (Surr)	*84*		*50 - 150*
Toluene-d8 (Surr)	*93*		*71 - 126*

Lab Sample ID: MB 460-1068592/7
Matrix: Solid
Analysis Batch: 1068592

Client Sample ID: Method Blank
Prep Type: Total/NA

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1-Trichloroethane	0.0010	U	0.0010	0.00023	mg/Kg			10/16/25 04:46	1
1,1,2,2-Tetrachloroethane	0.0010	U	0.0010	0.00052	mg/Kg			10/16/25 04:46	1
1,1,2-Trichloro-1,2,2-trifluoroethane	0.0010	U	0.0010	0.00030	mg/Kg			10/16/25 04:46	1
1,1,2-Trichloroethane	0.0010	U	0.0010	0.00060	mg/Kg			10/16/25 04:46	1
1,1-Dichloroethane	0.0010	U	0.0010	0.00060	mg/Kg			10/16/25 04:46	1
1,1-Dichloroethene	0.0010	U	0.0010	0.00023	mg/Kg			10/16/25 04:46	1
1,2,3-Trichlorobenzene	0.0010	U	0.0010	0.00074	mg/Kg			10/16/25 04:46	1
1,2,4-Trichlorobenzene	0.0010	U	0.0010	0.00036	mg/Kg			10/16/25 04:46	1
1,2,4-Trimethylbenzene	0.0010	U	0.0010	0.00025	mg/Kg			10/16/25 04:46	1
1,2-Dibromo-3-Chloropropane	0.0010	U	0.0010	0.00046	mg/Kg			10/16/25 04:46	1
1,2-Dichlorobenzene	0.0010	U	0.0010	0.00036	mg/Kg			10/16/25 04:46	1
1,2-Dichloroethane	0.0010	U	0.0010	0.00030	mg/Kg			10/16/25 04:46	1
1,2-Dichloropropane	0.0010	U	0.0010	0.00042	mg/Kg			10/16/25 04:46	1
1,3,5-Trimethylbenzene	0.0010	U	0.0010	0.00031	mg/Kg			10/16/25 04:46	1
1,3-Dichlorobenzene	0.0010	U	0.0010	0.00037	mg/Kg			10/16/25 04:46	1
1,4-Dichlorobenzene	0.0010	U	0.0010	0.00052	mg/Kg			10/16/25 04:46	1
2-Butanone (MEK)	0.0050	U	0.0050	0.00037	mg/Kg			10/16/25 04:46	1
2-Hexanone	0.0050	U	0.0050	0.0017	mg/Kg			10/16/25 04:46	1
4-Methyl-2-pentanone (MIBK)	0.0050	U	0.0050	0.0016	mg/Kg			10/16/25 04:46	1
Acetone	0.0060	U	0.0060	0.0057	mg/Kg			10/16/25 04:46	1
Benzene	0.0010	U	0.0010	0.00057	mg/Kg			10/16/25 04:46	1
Bromoform	0.0010	U	0.0010	0.00043	mg/Kg			10/16/25 04:46	1
Bromomethane	0.0020	U	0.0020	0.0010	mg/Kg			10/16/25 04:46	1
Carbon disulfide	0.0010	U	0.0010	0.00027	mg/Kg			10/16/25 04:46	1
Carbon tetrachloride	0.0010	U	0.0010	0.00039	mg/Kg			10/16/25 04:46	1
Chlorobenzene	0.0010	U	0.0010	0.00051	mg/Kg			10/16/25 04:46	1
Chlorobromomethane	0.0010	U	0.0010	0.00060	mg/Kg			10/16/25 04:46	1
Chlorodibromomethane	0.0010	U	0.0010	0.00054	mg/Kg			10/16/25 04:46	1
Chloroethane	0.0010	U	0.0010	0.00052	mg/Kg			10/16/25 04:46	1
Chloroform	0.0010	U	0.0010	0.00097	mg/Kg			10/16/25 04:46	1
Chloromethane	0.0010	U	0.0010	0.00044	mg/Kg			10/16/25 04:46	1

Method: 8260D - Volatile Organic Compounds by GC/MS (Continued)

Lab Sample ID: MB 460-1068592/7
Matrix: Solid
Analysis Batch: 1068592

Client Sample ID: Method Blank
Prep Type: Total/NA

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
cis-1,2-Dichloroethene	0.0010	U	0.0010	0.00036	mg/Kg			10/16/25 04:46	1
cis-1,3-Dichloropropene	0.0010	U	0.0010	0.00027	mg/Kg			10/16/25 04:46	1
Cyclohexane	0.0010	U	0.0010	0.00022	mg/Kg			10/16/25 04:46	1
Dichlorobromomethane	0.0010	U	0.0010	0.00026	mg/Kg			10/16/25 04:46	1
Dichlorodifluoromethane	0.0010	U	0.0010	0.00034	mg/Kg			10/16/25 04:46	1
Ethylbenzene	0.0010	U	0.0010	0.00047	mg/Kg			10/16/25 04:46	1
Ethylene Dibromide	0.0010	U	0.0010	0.00050	mg/Kg			10/16/25 04:46	1
Isopropylbenzene	0.0010	U	0.0010	0.00029	mg/Kg			10/16/25 04:46	1
Methyl acetate	0.0050	U	0.0050	0.0043	mg/Kg			10/16/25 04:46	1
Methyl tert-butyl ether	0.0010	U	0.0010	0.00051	mg/Kg			10/16/25 04:46	1
Methylcyclohexane	0.0010	U	0.0010	0.00050	mg/Kg			10/16/25 04:46	1
Methylene Chloride	0.0020	U	0.0020	0.0011	mg/Kg			10/16/25 04:46	1
m-Xylene & p-Xylene	0.0010	U	0.0010	0.00042	mg/Kg			10/16/25 04:46	1
n-Butylbenzene	0.0010	U	0.0010	0.00029	mg/Kg			10/16/25 04:46	1
N-Propylbenzene	0.0010	U	0.0010	0.00045	mg/Kg			10/16/25 04:46	1
o-Xylene	0.0010	U	0.0010	0.00046	mg/Kg			10/16/25 04:46	1
sec-Butylbenzene	0.0010	U	0.0010	0.00029	mg/Kg			10/16/25 04:46	1
Styrene	0.0010	U	0.0010	0.00028	mg/Kg			10/16/25 04:46	1
tert-Butylbenzene	0.0010	U	0.0010	0.00028	mg/Kg			10/16/25 04:46	1
Tetrachloroethene	0.0010	U	0.0010	0.00031	mg/Kg			10/16/25 04:46	1
Toluene	0.0010	U	0.0010	0.00023	mg/Kg			10/16/25 04:46	1
trans-1,2-Dichloroethene	0.0010	U	0.0010	0.00025	mg/Kg			10/16/25 04:46	1
trans-1,3-Dichloropropene	0.0010	U	0.0010	0.00027	mg/Kg			10/16/25 04:46	1
Trichloroethene	0.0010	U	0.0010	0.00032	mg/Kg			10/16/25 04:46	1
Trichlorofluoromethane	0.0010	U	0.0010	0.00041	mg/Kg			10/16/25 04:46	1
Vinyl chloride	0.0010	U	0.0010	0.00055	mg/Kg			10/16/25 04:46	1
Xylenes, Total	0.0020	U	0.0020	0.00017	mg/Kg			10/16/25 04:46	1

Surrogate	*MB %Recovery*	*MB Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,2-Dichloroethane-d4 (Surr)	*101*		*65 - 138*		*10/16/25 04:46*	*1*
4-Bromofluorobenzene	*102*		*71 - 128*		*10/16/25 04:46*	*1*
Dibromofluoromethane (Surr)	*102*		*50 - 150*		*10/16/25 04:46*	*1*
Toluene-d8 (Surr)	*92*		*71 - 126*		*10/16/25 04:46*	*1*

Lab Sample ID: LCS 460-1068592/4
Matrix: Solid
Analysis Batch: 1068592

Client Sample ID: Lab Control Sample
Prep Type: Total/NA

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
1,1,1-Trichloroethane	0.0200	0.0157		mg/Kg		78	78 - 120
1,1,2,2-Tetrachloroethane	0.0200	0.0242		mg/Kg		121	70 - 133
1,1,2-Trichloro-1,2,2-trifluoroethane	0.0200	0.0164		mg/Kg		82	75 - 121
1,1,2-Trichloroethane	0.0200	0.0242	*	mg/Kg		121	80 - 120
1,1-Dichloroethane	0.0200	0.0155		mg/Kg		77	72 - 120
1,1-Dichloroethene	0.0200	0.0157		mg/Kg		79	76 - 120
1,2,3-Trichlorobenzene	0.0200	0.0201		mg/Kg		101	77 - 137
1,2,4-Trichlorobenzene	0.0200	0.0182		mg/Kg		91	77 - 136
1,2,4-Trimethylbenzene	0.0200	0.0181		mg/Kg		90	75 - 120

Method: 8260D - Volatile Organic Compounds by GC/MS (Continued)

Lab Sample ID: LCS 460-1068592/4
Matrix: Solid
Analysis Batch: 1068592

Client Sample ID: Lab Control Sample
Prep Type: Total/NA

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
1,2-Dibromo-3-Chloropropane	0.0200	0.0214		mg/Kg		107	80 - 124
1,2-Dichlorobenzene	0.0200	0.0216		mg/Kg		108	80 - 120
1,2-Dichloroethane	0.0200	0.0179		mg/Kg		90	70 - 123
1,2-Dichloropropane	0.0200	0.0181		mg/Kg		90	73 - 124
1,3,5-Trimethylbenzene	0.0200	0.0178		mg/Kg		89	70 - 120
1,3-Dichlorobenzene	0.0200	0.0194		mg/Kg		97	80 - 120
1,4-Dichlorobenzene	0.0200	0.0199		mg/Kg		100	80 - 120
2-Butanone (MEK)	0.100	0.116		mg/Kg		116	64 - 128
2-Hexanone	0.100	0.110		mg/Kg		110	75 - 120
4-Methyl-2-pentanone (MIBK)	0.100	0.119		mg/Kg		119	80 - 120
Acetone	0.100	0.0907		mg/Kg		91	58 - 122
Benzene	0.0200	0.0180		mg/Kg		90	75 - 120
Bromoform	0.0200	0.0233		mg/Kg		117	61 - 125
Bromomethane	0.0200	0.0118		mg/Kg		59	37 - 150
Carbon disulfide	0.0200	0.0144		mg/Kg		72	57 - 133
Carbon tetrachloride	0.0200	0.0153		mg/Kg		76	66 - 127
Chlorobenzene	0.0200	0.0192		mg/Kg		96	80 - 120
Chlorobromomethane	0.0200	0.0191		mg/Kg		96	76 - 127
Chlorodibromomethane	0.0200	0.0217		mg/Kg		108	72 - 120
Chloroethane	0.0200	0.0160		mg/Kg		80	60 - 123
Chloroform	0.0200	0.0161		mg/Kg		81	79 - 126
Chloromethane	0.0200	0.0157		mg/Kg		78	46 - 122
cis-1,2-Dichloroethene	0.0200	0.0172		mg/Kg		86	80 - 123
cis-1,3-Dichloropropene	0.0200	0.0204		mg/Kg		102	75 - 120
Cyclohexane	0.0200	0.0165		mg/Kg		82	65 - 132
Dichlorobromomethane	0.0200	0.0184		mg/Kg		92	77 - 124
Dichlorodifluoromethane	0.0200	0.0182		mg/Kg		91	45 - 129
Ethylbenzene	0.0200	0.0182		mg/Kg		91	80 - 120
Ethylene Dibromide	0.0200	0.0248	*	mg/Kg		124	79 - 120
Isopropylbenzene	0.0200	0.0176		mg/Kg		88	74 - 120
Methyl acetate	0.0400	0.0375		mg/Kg		94	57 - 120
Methyl tert-butyl ether	0.0200	0.0224		mg/Kg		112	74 - 125
Methylcyclohexane	0.0200	0.0178		mg/Kg		89	66 - 125
Methylene Chloride	0.0200	0.0184		mg/Kg		92	78 - 120
m-Xylene & p-Xylene	0.0200	0.0181		mg/Kg		91	80 - 120
n-Butylbenzene	0.0200	0.0164		mg/Kg		82	72 - 120
N-Propylbenzene	0.0200	0.0178		mg/Kg		89	68 - 120
o-Xylene	0.0200	0.0186		mg/Kg		93	80 - 120
sec-Butylbenzene	0.0200	0.0176		mg/Kg		88	78 - 120
Styrene	0.0200	0.0182		mg/Kg		91	80 - 120
tert-Butylbenzene	0.0200	0.0179		mg/Kg		89	80 - 120
Tetrachloroethene	0.0200	0.0189		mg/Kg		94	73 - 120
Toluene	0.0200	0.0177		mg/Kg		88	80 - 120
trans-1,2-Dichloroethene	0.0200	0.0159		mg/Kg		80	78 - 120
trans-1,3-Dichloropropene	0.0200	0.0206		mg/Kg		103	77 - 120
Trichloroethene	0.0200	0.0186		mg/Kg		93	80 - 120
Trichlorofluoromethane	0.0200	0.0180		mg/Kg		90	61 - 130
Vinyl chloride	0.0200	0.0170		mg/Kg		85	54 - 122
Xylenes, Total	0.0400	0.0368		mg/Kg		92	80 - 120

Method: 8260D - Volatile Organic Compounds by GC/MS (Continued)

Surrogate	LCS %Recovery	LCS Qualifier	Limits
1,2-Dichloroethane-d4 (Surr)	88		65 - 138
4-Bromofluorobenzene	107		71 - 128
Dibromofluoromethane (Surr)	86		50 - 150
Toluene-d8 (Surr)	95		71 - 126

Lab Sample ID: LCSD 460-1068592/28
Matrix: Solid
Analysis Batch: 1068592

Client Sample ID: Lab Control Sample Dup
Prep Type: Total/NA

Analyte	Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
1,1,1-Trichloroethane	0.0200	0.0164		mg/Kg		82	78 - 120	5	30
1,1,2,2-Tetrachloroethane	0.0200	0.0246		mg/Kg		123	70 - 133	2	30
1,1,2-Trichloro-1,2,2-trifluoroethane	0.0200	0.0171		mg/Kg		85	75 - 121	4	30
1,1,2-Trichloroethane	0.0200	0.0240		mg/Kg		120	80 - 120	1	30
1,1-Dichloroethane	0.0200	0.0160		mg/Kg		80	72 - 120	3	30
1,1-Dichloroethene	0.0200	0.0158		mg/Kg		79	76 - 120	1	30
1,2,3-Trichlorobenzene	0.0200	0.0217		mg/Kg		108	77 - 137	8	30
1,2,4-Trichlorobenzene	0.0200	0.0205		mg/Kg		102	77 - 136	12	30
1,2,4-Trimethylbenzene	0.0200	0.0192		mg/Kg		96	75 - 120	6	30
1,2-Dibromo-3-Chloropropane	0.0200	0.0222		mg/Kg		111	80 - 124	3	30
1,2-Dichlorobenzene	0.0200	0.0224		mg/Kg		112	80 - 120	4	30
1,2-Dichloroethane	0.0200	0.0180		mg/Kg		90	70 - 123	0	30
1,2-Dichloropropane	0.0200	0.0187		mg/Kg		94	73 - 124	3	30
1,3,5-Trimethylbenzene	0.0200	0.0191		mg/Kg		96	70 - 120	7	30
1,3-Dichlorobenzene	0.0200	0.0207		mg/Kg		104	80 - 120	7	30
1,4-Dichlorobenzene	0.0200	0.0211		mg/Kg		105	80 - 120	6	30
2-Butanone (MEK)	0.100	0.114		mg/Kg		114	64 - 128	2	30
2-Hexanone	0.100	0.111		mg/Kg		111	75 - 120	1	30
4-Methyl-2-pentanone (MIBK)	0.100	0.118		mg/Kg		118	80 - 120	1	30
Acetone	0.100	0.0907		mg/Kg		91	58 - 122	0	30
Benzene	0.0200	0.0184		mg/Kg		92	75 - 120	2	30
Bromoform	0.0200	0.0239		mg/Kg		119	61 - 125	2	30
Bromomethane	0.0200	0.0156		mg/Kg		78	37 - 150	28	30
Carbon disulfide	0.0200	0.0145		mg/Kg		72	57 - 133	1	30
Carbon tetrachloride	0.0200	0.0160		mg/Kg		80	66 - 127	5	30
Chlorobenzene	0.0200	0.0195		mg/Kg		97	80 - 120	2	30
Chlorobromomethane	0.0200	0.0195		mg/Kg		97	76 - 127	2	30
Chlorodibromomethane	0.0200	0.0220		mg/Kg		110	72 - 120	2	30
Chloroethane	0.0200	0.0157		mg/Kg		79	60 - 123	2	30
Chloroform	0.0200	0.0168		mg/Kg		84	79 - 126	4	30
Chloromethane	0.0200	0.0153		mg/Kg		77	46 - 122	2	30
cis-1,2-Dichloroethene	0.0200	0.0176		mg/Kg		88	80 - 123	2	30
cis-1,3-Dichloropropene	0.0200	0.0206		mg/Kg		103	75 - 120	1	30
Cyclohexane	0.0200	0.0170		mg/Kg		85	65 - 132	3	30
Dichlorobromomethane	0.0200	0.0191		mg/Kg		95	77 - 124	4	30
Dichlorodifluoromethane	0.0200	0.0178		mg/Kg		89	45 - 129	2	30
Ethylbenzene	0.0200	0.0189		mg/Kg		95	80 - 120	4	30
Ethylene Dibromide	0.0200	0.0245	*	mg/Kg		123	79 - 120	1	30
Isopropylbenzene	0.0200	0.0184		mg/Kg		92	74 - 120	4	30
Methyl acetate	0.0400	0.0382		mg/Kg		95	57 - 120	2	30
Methyl tert-butyl ether	0.0200	0.0223		mg/Kg		112	74 - 125	0	30

Method: 8260D - Volatile Organic Compounds by GC/MS (Continued)

Lab Sample ID: LCSD 460-1068592/28
Matrix: Solid
Analysis Batch: 1068592

Client Sample ID: Lab Control Sample Dup
Prep Type: Total/NA

Analyte			Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Methylcyclohexane			0.0200	0.0183		mg/Kg		91	66 - 125	3	30
Methylene Chloride			0.0200	0.0188		mg/Kg		94	78 - 120	2	30
m-Xylene & p-Xylene			0.0200	0.0186		mg/Kg		93	80 - 120	2	30
n-Butylbenzene			0.0200	0.0182		mg/Kg		91	72 - 120	11	30
N-Propylbenzene			0.0200	0.0193		mg/Kg		97	68 - 120	8	30
o-Xylene			0.0200	0.0192		mg/Kg		96	80 - 120	3	30
sec-Butylbenzene			0.0200	0.0189		mg/Kg		94	78 - 120	7	30
Styrene			0.0200	0.0185		mg/Kg		92	80 - 120	1	30
tert-Butylbenzene			0.0200	0.0192		mg/Kg		96	80 - 120	7	30
Tetrachloroethene			0.0200	0.0202		mg/Kg		101	73 - 120	7	30
Toluene			0.0200	0.0182		mg/Kg		91	80 - 120	3	30
trans-1,2-Dichloroethene			0.0200	0.0164		mg/Kg		82	78 - 120	3	30
trans-1,3-Dichloropropene			0.0200	0.0217		mg/Kg		108	77 - 120	5	30
Trichloroethene			0.0200	0.0191		mg/Kg		96	80 - 120	3	30
Trichlorofluoromethane			0.0200	0.0179		mg/Kg		89	61 - 130	1	30
Vinyl chloride			0.0200	0.0173		mg/Kg		86	54 - 122	1	30
Xylenes, Total			0.0400	0.0378		mg/Kg		95	80 - 120	3	30

Surrogate	*LCSD %Recovery*	*LCSD Qualifier*	*Limits*
1,2-Dichloroethane-d4 (Surr)	*89*		*65 - 138*
4-Bromofluorobenzene	*106*		*71 - 128*
Dibromofluoromethane (Surr)	*86*		*50 - 150*
Toluene-d8 (Surr)	*94*		*71 - 126*

Method: 8270E - Semivolatile Organic Compounds (GC/MS)

Lab Sample ID: MB 460-1068453/1-A
Matrix: Solid
Analysis Batch: 1068574

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 1068453

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1'-Biphenyl	0.33	U	0.33	0.012	mg/Kg		10/15/25 10:39	10/15/25 23:20	1
1,2,4,5-Tetrachlorobenzene	0.33	U	0.33	0.010	mg/Kg		10/15/25 10:39	10/15/25 23:20	1
1,4-Dioxane	0.033	U	0.033	0.029	mg/Kg		10/15/25 10:39	10/15/25 23:20	1
2,2'-oxybis[1-chloropropane]	0.33	U	0.33	0.020	mg/Kg		10/15/25 10:39	10/15/25 23:20	1
2,3,4,6-Tetrachlorophenol	0.33	U	0.33	0.022	mg/Kg		10/15/25 10:39	10/15/25 23:20	1
2,4,5-Trichlorophenol	0.33	U	0.33	0.034	mg/Kg		10/15/25 10:39	10/15/25 23:20	1
2,4,6-Trichlorophenol	0.13	U	0.13	0.042	mg/Kg		10/15/25 10:39	10/15/25 23:20	1
2,4-Dichlorophenol	0.13	U	0.13	0.021	mg/Kg		10/15/25 10:39	10/15/25 23:20	1
2,4-Dimethylphenol	0.33	U	0.33	0.039	mg/Kg		10/15/25 10:39	10/15/25 23:20	1
2,4-Dinitrophenol	0.27	U	0.27	0.16	mg/Kg		10/15/25 10:39	10/15/25 23:20	1
2,4-Dinitrotoluene	0.067	U	0.067	0.036	mg/Kg		10/15/25 10:39	10/15/25 23:20	1
2,6-Dinitrotoluene	0.067	U	0.067	0.024	mg/Kg		10/15/25 10:39	10/15/25 23:20	1
2-Chloronaphthalene	0.33	U	0.33	0.043	mg/Kg		10/15/25 10:39	10/15/25 23:20	1
2-Chlorophenol	0.33	U	0.33	0.012	mg/Kg		10/15/25 10:39	10/15/25 23:20	1
2-Methylnaphthalene	0.33	U	0.33	0.0093	mg/Kg		10/15/25 10:39	10/15/25 23:20	1
2-Methylphenol	0.33	U	0.33	0.012	mg/Kg		10/15/25 10:39	10/15/25 23:20	1
2-Nitroaniline	0.33	U	0.33	0.025	mg/Kg		10/15/25 10:39	10/15/25 23:20	1
2-Nitrophenol	0.33	U	0.33	0.033	mg/Kg		10/15/25 10:39	10/15/25 23:20	1

Method: 8270E - Semivolatile Organic Compounds (GC/MS) (Continued)

Lab Sample ID: MB 460-1068453/1-A
Matrix: Solid
Analysis Batch: 1068574

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 1068453

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
3 & 4 Methylphenol	0.33	U	0.33	0.021	mg/Kg		10/15/25 10:39	10/15/25 23:20	1
3,3'-Dichlorobenzidine	0.13	U	0.13	0.050	mg/Kg		10/15/25 10:39	10/15/25 23:20	1
3-Nitroaniline	0.33	U	0.33	0.079	mg/Kg		10/15/25 10:39	10/15/25 23:20	1
4,6-Dinitro-2-methylphenol	0.27	U	0.27	0.14	mg/Kg		10/15/25 10:39	10/15/25 23:20	1
4-Bromophenyl phenyl ether	0.33	U	0.33	0.013	mg/Kg		10/15/25 10:39	10/15/25 23:20	1
4-Chloro-3-methylphenol	0.33	U	0.33	0.019	mg/Kg		10/15/25 10:39	10/15/25 23:20	1
4-Chloroaniline	0.33	U	0.33	0.059	mg/Kg		10/15/25 10:39	10/15/25 23:20	1
4-Chlorophenyl phenyl ether	0.33	U	0.33	0.012	mg/Kg		10/15/25 10:39	10/15/25 23:20	1
4-Methylphenol	0.33	U	0.33	0.021	mg/Kg		10/15/25 10:39	10/15/25 23:20	1
4-Nitroaniline	0.33	U	0.33	0.084	mg/Kg		10/15/25 10:39	10/15/25 23:20	1
4-Nitrophenol	0.67	U	0.67	0.054	mg/Kg		10/15/25 10:39	10/15/25 23:20	1
Acenaphthene	0.33	U	0.33	0.0094	mg/Kg		10/15/25 10:39	10/15/25 23:20	1
Acenaphthylene	0.33	U	0.33	0.0095	mg/Kg		10/15/25 10:39	10/15/25 23:20	1
Acetophenone	0.33	U	0.33	0.016	mg/Kg		10/15/25 10:39	10/15/25 23:20	1
Anthracene	0.33	U	0.33	0.010	mg/Kg		10/15/25 10:39	10/15/25 23:20	1
Atrazine	0.13	U	0.13	0.019	mg/Kg		10/15/25 10:39	10/15/25 23:20	1
Benzaldehyde	0.33	U	0.33	0.055	mg/Kg		10/15/25 10:39	10/15/25 23:20	1
Benzo[a]anthracene	0.033	U	0.033	0.025	mg/Kg		10/15/25 10:39	10/15/25 23:20	1
Benzo[a]pyrene	0.033	U	0.033	0.0088	mg/Kg		10/15/25 10:39	10/15/25 23:20	1
Benzo[b]fluoranthene	0.033	U	0.033	0.0086	mg/Kg		10/15/25 10:39	10/15/25 23:20	1
Benzo[g,h,i]perylene	0.33	U	0.33	0.0098	mg/Kg		10/15/25 10:39	10/15/25 23:20	1
Benzo[k]fluoranthene	0.033	U	0.033	0.0065	mg/Kg		10/15/25 10:39	10/15/25 23:20	1
Bis(2-chloroethoxy)methane	0.33	U	0.33	0.061	mg/Kg		10/15/25 10:39	10/15/25 23:20	1
Bis(2-chloroethyl)ether	0.033	U	0.033	0.012	mg/Kg		10/15/25 10:39	10/15/25 23:20	1
Bis(2-ethylhexyl) phthalate	0.33	U	0.33	0.017	mg/Kg		10/15/25 10:39	10/15/25 23:20	1
Butyl benzyl phthalate	0.33	U	0.33	0.016	mg/Kg		10/15/25 10:39	10/15/25 23:20	1
Caprolactam	0.33	U	0.33	0.051	mg/Kg		10/15/25 10:39	10/15/25 23:20	1
Carbazole	0.33	U	0.33	0.013	mg/Kg		10/15/25 10:39	10/15/25 23:20	1
Chrysene	0.33	U	0.33	0.014	mg/Kg		10/15/25 10:39	10/15/25 23:20	1
Dibenz(a,h)anthracene	0.033	U	0.033	0.014	mg/Kg		10/15/25 10:39	10/15/25 23:20	1
Dibenzofuran	0.33	U	0.33	0.011	mg/Kg		10/15/25 10:39	10/15/25 23:20	1
Diethyl phthalate	0.33	U	0.33	0.011	mg/Kg		10/15/25 10:39	10/15/25 23:20	1
Dimethyl phthalate	0.33	U	0.33	0.075	mg/Kg		10/15/25 10:39	10/15/25 23:20	1
Di-n-butyl phthalate	0.33	U	0.33	0.012	mg/Kg		10/15/25 10:39	10/15/25 23:20	1
Di-n-octyl phthalate	0.33	U	0.33	0.018	mg/Kg		10/15/25 10:39	10/15/25 23:20	1
Fluoranthene	0.33	U	0.33	0.012	mg/Kg		10/15/25 10:39	10/15/25 23:20	1
Fluorene	0.33	U	0.33	0.0097	mg/Kg		10/15/25 10:39	10/15/25 23:20	1
Hexachlorobenzene	0.033	U	0.033	0.016	mg/Kg		10/15/25 10:39	10/15/25 23:20	1
Hexachlorobutadiene	0.067	U	0.067	0.0070	mg/Kg		10/15/25 10:39	10/15/25 23:20	1
Hexachlorocyclopentadiene	0.33	U	0.33	0.029	mg/Kg		10/15/25 10:39	10/15/25 23:20	1
Hexachloroethane	0.033	U	0.033	0.011	mg/Kg		10/15/25 10:39	10/15/25 23:20	1
Indeno[1,2,3-cd]pyrene	0.033	U	0.033	0.013	mg/Kg		10/15/25 10:39	10/15/25 23:20	1
Isophorone	0.13	U	0.13	0.096	mg/Kg		10/15/25 10:39	10/15/25 23:20	1
Naphthalene	0.33	U	0.33	0.0057	mg/Kg		10/15/25 10:39	10/15/25 23:20	1
Nitrobenzene	0.033	U	0.033	0.018	mg/Kg		10/15/25 10:39	10/15/25 23:20	1
N-Nitrosodi-n-propylamine	0.033	U	0.033	0.024	mg/Kg		10/15/25 10:39	10/15/25 23:20	1
N-Nitrosodiphenylamine	0.33	U	0.33	0.027	mg/Kg		10/15/25 10:39	10/15/25 23:20	1
Pentachlorophenol	0.27	U	0.27	0.068	mg/Kg		10/15/25 10:39	10/15/25 23:20	1
Phenanthrene	0.33	U	0.33	0.014	mg/Kg		10/15/25 10:39	10/15/25 23:20	1

Method: 8270E - Semivolatile Organic Compounds (GC/MS) (Continued)

Lab Sample ID: MB 460-1068453/1-A
Matrix: Solid
Analysis Batch: 1068574

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 1068453

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Phenol	0.33	U	0.33	0.012	mg/Kg		10/15/25 10:39	10/15/25 23:20	1
Pyrene	0.33	U	0.33	0.0082	mg/Kg		10/15/25 10:39	10/15/25 23:20	1

Surrogate	*MB %Recovery*	*MB Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
2,4,6-Tribromophenol (Surr)	*73*		*18 - 137*	*10/15/25 10:39*	*10/15/25 23:20*	*1*
2-Fluorobiphenyl	*71*		*33 - 117*	*10/15/25 10:39*	*10/15/25 23:20*	*1*
2-Fluorophenol (Surr)	*74*		*24 - 120*	*10/15/25 10:39*	*10/15/25 23:20*	*1*
Nitrobenzene-d5 (Surr)	*71*		*27 - 120*	*10/15/25 10:39*	*10/15/25 23:20*	*1*
Phenol-d5 (Surr)	*69*		*28 - 118*	*10/15/25 10:39*	*10/15/25 23:20*	*1*
Terphenyl-d14 (Surr)	*76*		*33 - 124*	*10/15/25 10:39*	*10/15/25 23:20*	*1*

Lab Sample ID: LCS 460-1068453/2-A
Matrix: Solid
Analysis Batch: 1068574

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 1068453

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
1,1'-Biphenyl	3.33	2.67		mg/Kg		80	64 - 120
1,2,4,5-Tetrachlorobenzene	3.33	2.70		mg/Kg		81	60 - 120
1,4-Dioxane	3.33	1.88		mg/Kg		57	31 - 105
2,2'-oxybis[1-chloropropane]	3.33	2.44		mg/Kg		73	50 - 126
2,3,4,6-Tetrachlorophenol	3.33	2.65		mg/Kg		80	62 - 120
2,4,5-Trichlorophenol	3.33	2.79		mg/Kg		84	64 - 120
2,4,6-Trichlorophenol	3.33	2.80		mg/Kg		84	65 - 120
2,4-Dichlorophenol	3.33	2.92		mg/Kg		88	66 - 120
2,4-Dimethylphenol	3.33	2.81		mg/Kg		84	75 - 136
2,4-Dinitrophenol	6.67	5.83		mg/Kg		87	41 - 120
2,4-Dinitrotoluene	3.33	2.73		mg/Kg		82	65 - 124
2,6-Dinitrotoluene	3.33	2.81		mg/Kg		84	67 - 121
2-Chloronaphthalene	3.33	2.68		mg/Kg		80	64 - 120
2-Chlorophenol	3.33	2.82		mg/Kg		84	63 - 120
2-Methylnaphthalene	3.33	2.77		mg/Kg		83	56 - 102
2-Methylphenol	3.33	2.66		mg/Kg		80	63 - 120
2-Nitroaniline	3.33	2.14		mg/Kg		64	52 - 120
2-Nitrophenol	3.33	2.88		mg/Kg		86	64 - 120
3 & 4 Methylphenol	3.33	2.61		mg/Kg		78	61 - 120
3,3'-Dichlorobenzidine	3.33	1.62		mg/Kg		49	10 - 106
3-Nitroaniline	3.33	2.20		mg/Kg		66	18 - 105
4,6-Dinitro-2-methylphenol	6.67	5.90		mg/Kg		89	61 - 127
4-Bromophenyl phenyl ether	3.33	2.96		mg/Kg		89	64 - 120
4-Chloro-3-methylphenol	3.33	2.67		mg/Kg		80	68 - 120
4-Chloroaniline	3.33	1.98		mg/Kg		59	10 - 107
4-Chlorophenyl phenyl ether	3.33	2.70		mg/Kg		81	62 - 120
4-Methylphenol	3.33	2.61		mg/Kg		78	61 - 120
4-Nitroaniline	3.33	2.39		mg/Kg		72	51 - 112
4-Nitrophenol	6.67	4.75		mg/Kg		71	52 - 122
Acenaphthene	3.33	2.44		mg/Kg		73	65 - 120
Acenaphthylene	3.33	2.70		mg/Kg		81	68 - 120
Acetophenone	3.33	2.71		mg/Kg		81	61 - 111

Method: 8270E - Semivolatile Organic Compounds (GC/MS) (Continued)

Lab Sample ID: LCS 460-1068453/2-A
Matrix: Solid
Analysis Batch: 1068574

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 1068453

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
Anthracene	3.33	2.77		mg/Kg		83	67 - 120
Atrazine	1.33	1.61		mg/Kg		121	52 - 150
Benzaldehyde	1.33	1.38		mg/Kg		103	45 - 150
Benzo[a]anthracene	3.33	2.70		mg/Kg		81	66 - 120
Benzo[a]pyrene	3.33	2.75		mg/Kg		83	69 - 123
Benzo[b]fluoranthene	3.33	2.69		mg/Kg		81	66 - 125
Benzo[g,h,i]perylene	3.33	2.52		mg/Kg		76	66 - 138
Benzo[k]fluoranthene	3.33	2.69		mg/Kg		81	67 - 122
Bis(2-chloroethoxy)methane	3.33	2.68		mg/Kg		80	62 - 120
Bis(2-chloroethyl)ether	3.33	2.59		mg/Kg		78	60 - 120
Bis(2-ethylhexyl) phthalate	3.33	2.72		mg/Kg		82	64 - 125
Butyl benzyl phthalate	3.33	2.92		mg/Kg		88	62 - 127
Caprolactam	1.33	1.37		mg/Kg		103	46 - 150
Carbazole	3.33	2.74		mg/Kg		82	64 - 120
Chrysene	3.33	2.74		mg/Kg		82	67 - 120
Dibenz(a,h)anthracene	3.33	2.72		mg/Kg		81	66 - 128
Dibenzofuran	3.33	2.60		mg/Kg		78	61 - 120
Diethyl phthalate	3.33	2.61		mg/Kg		78	63 - 120
Dimethyl phthalate	3.33	2.69		mg/Kg		81	65 - 120
Di-n-butyl phthalate	3.33	2.97		mg/Kg		89	61 - 120
Di-n-octyl phthalate	3.33	2.85		mg/Kg		86	61 - 123
Fluoranthene	3.33	2.74		mg/Kg		82	61 - 120
Fluorene	3.33	2.63		mg/Kg		79	64 - 120
Hexachlorobenzene	3.33	2.96		mg/Kg		89	66 - 120
Hexachlorobutadiene	3.33	2.80		mg/Kg		84	62 - 120
Hexachlorocyclopentadiene	3.33	2.62		mg/Kg		79	32 - 150
Hexachloroethane	3.33	2.62		mg/Kg		79	61 - 112
Indeno[1,2,3-cd]pyrene	3.33	2.80		mg/Kg		84	63 - 137
Isophorone	3.33	2.56		mg/Kg		77	61 - 120
Naphthalene	3.33	2.67		mg/Kg		80	63 - 113
Nitrobenzene	3.33	2.72		mg/Kg		82	63 - 120
N-Nitrosodi-n-propylamine	3.33	2.55		mg/Kg		77	60 - 120
N-Nitrosodiphenylamine	3.33	2.79		mg/Kg		84	63 - 120
Pentachlorophenol	6.67	5.54		mg/Kg		83	61 - 126
Phenanthrene	3.33	2.77		mg/Kg		83	66 - 120
Phenol	3.33	2.76		mg/Kg		83	63 - 120
Pyrene	3.33	2.87		mg/Kg		86	61 - 121

Surrogate	*LCS %Recovery*	*LCS Qualifier*	*Limits*
2,4,6-Tribromophenol (Surr)	*77*		*18 - 137*
2-Fluorobiphenyl	*72*		*33 - 117*
2-Fluorophenol (Surr)	*78*		*24 - 120*
Nitrobenzene-d5 (Surr)	*71*		*27 - 120*
Phenol-d5 (Surr)	*73*		*28 - 118*
Terphenyl-d14 (Surr)	*79*		*33 - 124*

Method: 8270E - Semivolatile Organic Compounds (GC/MS) (Continued)

Lab Sample ID: LCSD 460-1068453/3-A
Matrix: Solid
Analysis Batch: 1068574

Client Sample ID: Lab Control Sample Dup
Prep Type: Total/NA
Prep Batch: 1068453

Analyte			Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
1,1'-Biphenyl			3.33	2.59		mg/Kg		78	64 - 120	3	30
1,2,4,5-Tetrachlorobenzene			3.33	2.71		mg/Kg		81	60 - 120	0	30
1,4-Dioxane			3.33	1.96		mg/Kg		59	31 - 105	4	30
2,2'-oxybis[1-chloropropane]			3.33	2.41		mg/Kg		72	50 - 126	2	30
2,3,4,6-Tetrachlorophenol			3.33	2.59		mg/Kg		78	62 - 120	2	30
2,4,5-Trichlorophenol			3.33	2.69		mg/Kg		81	64 - 120	4	30
2,4,6-Trichlorophenol			3.33	2.75		mg/Kg		82	65 - 120	2	30
2,4-Dichlorophenol			3.33	2.89		mg/Kg		87	66 - 120	1	30
2,4-Dimethylphenol			3.33	2.79		mg/Kg		84	75 - 136	1	30
2,4-Dinitrophenol			6.67	5.68		mg/Kg		85	41 - 120	3	30
2,4-Dinitrotoluene			3.33	2.63		mg/Kg		79	65 - 124	4	30
2,6-Dinitrotoluene			3.33	2.73		mg/Kg		82	67 - 121	3	30
2-Chloronaphthalene			3.33	2.59		mg/Kg		78	64 - 120	4	30
2-Chlorophenol			3.33	2.80		mg/Kg		84	63 - 120	1	30
2-Methylnaphthalene			3.33	2.74		mg/Kg		82	56 - 102	1	30
2-Methylphenol			3.33	2.60		mg/Kg		78	63 - 120	2	30
2-Nitroaniline			3.33	2.12		mg/Kg		63	52 - 120	1	30
2-Nitrophenol			3.33	2.89		mg/Kg		87	64 - 120	0	30
3 & 4 Methylphenol			3.33	2.52		mg/Kg		75	61 - 120	4	30
3,3'-Dichlorobenzidine			3.33	1.57		mg/Kg		47	10 - 106	3	30
3-Nitroaniline			3.33	2.10		mg/Kg		63	18 - 105	5	30
4,6-Dinitro-2-methylphenol			6.67	5.75		mg/Kg		86	61 - 127	3	30
4-Bromophenyl phenyl ether			3.33	2.87		mg/Kg		86	64 - 120	3	30
4-Chloro-3-methylphenol			3.33	2.72		mg/Kg		82	68 - 120	2	30
4-Chloroaniline			3.33	1.84		mg/Kg		55	10 - 107	7	30
4-Chlorophenyl phenyl ether			3.33	2.62		mg/Kg		79	62 - 120	3	30
4-Methylphenol			3.33	2.52		mg/Kg		75	61 - 120	4	30
4-Nitroaniline			3.33	2.27		mg/Kg		68	51 - 112	5	30
4-Nitrophenol			6.67	4.55		mg/Kg		68	52 - 122	4	30
Acenaphthene			3.33	2.40		mg/Kg		72	65 - 120	1	30
Acenaphthylene			3.33	2.59		mg/Kg		78	68 - 120	4	30
Acetophenone			3.33	2.66		mg/Kg		80	61 - 111	2	30
Anthracene			3.33	2.65		mg/Kg		79	67 - 120	5	30
Atrazine			1.33	1.58		mg/Kg		118	52 - 150	2	30
Benzaldehyde			1.33	1.40		mg/Kg		105	45 - 150	2	30
Benzo[a]anthracene			3.33	2.65		mg/Kg		79	66 - 120	2	30
Benzo[a]pyrene			3.33	2.72		mg/Kg		82	69 - 123	1	30
Benzo[b]fluoranthene			3.33	2.68		mg/Kg		81	66 - 125	0	30
Benzo[g,h,i]perylene			3.33	2.51		mg/Kg		75	66 - 138	0	30
Benzo[k]fluoranthene			3.33	2.70		mg/Kg		81	67 - 122	0	30
Bis(2-chloroethoxy)methane			3.33	2.64		mg/Kg		79	62 - 120	1	30
Bis(2-chloroethyl)ether			3.33	2.63		mg/Kg		79	60 - 120	2	30
Bis(2-ethylhexyl) phthalate			3.33	2.72		mg/Kg		82	64 - 125	0	30
Butyl benzyl phthalate			3.33	2.88		mg/Kg		86	62 - 127	1	30
Caprolactam			1.33	1.35		mg/Kg		101	46 - 150	1	30
Carbazole			3.33	2.63		mg/Kg		79	64 - 120	4	30
Chrysene			3.33	2.71		mg/Kg		81	67 - 120	1	30
Dibenz(a,h)anthracene			3.33	2.70		mg/Kg		81	66 - 128	1	30

Method: 8270E - Semivolatile Organic Compounds (GC/MS) (Continued)

Lab Sample ID: LCSD 460-1068453/3-A
Matrix: Solid
Analysis Batch: 1068574

Client Sample ID: Lab Control Sample Dup
Prep Type: Total/NA
Prep Batch: 1068453

Analyte			Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Dibenzofuran			3.33	2.53		mg/Kg		76	61 - 120	3	30
Diethyl phthalate			3.33	2.54		mg/Kg		76	63 - 120	3	30
Dimethyl phthalate			3.33	2.65		mg/Kg		79	65 - 120	2	30
Di-n-butyl phthalate			3.33	2.84		mg/Kg		85	61 - 120	5	30
Di-n-octyl phthalate			3.33	2.85		mg/Kg		85	61 - 123	0	30
Fluoranthene			3.33	2.62		mg/Kg		79	61 - 120	4	30
Fluorene			3.33	2.57		mg/Kg		77	64 - 120	2	30
Hexachlorobenzene			3.33	2.94		mg/Kg		88	66 - 120	1	30
Hexachlorobutadiene			3.33	2.88		mg/Kg		87	62 - 120	3	30
Hexachlorocyclopentadiene			3.33	2.61		mg/Kg		78	32 - 150	1	30
Hexachloroethane			3.33	2.66		mg/Kg		80	61 - 112	1	30
Indeno[1,2,3-cd]pyrene			3.33	2.70		mg/Kg		81	63 - 137	4	30
Isophorone			3.33	2.57		mg/Kg		77	61 - 120	0	30
Naphthalene			3.33	2.66		mg/Kg		80	63 - 113	0	30
Nitrobenzene			3.33	2.71		mg/Kg		81	63 - 120	1	30
N-Nitrosodi-n-propylamine			3.33	2.53		mg/Kg		76	60 - 120	1	30
N-Nitrosodiphenylamine			3.33	2.72		mg/Kg		82	63 - 120	3	30
Pentachlorophenol			6.67	5.40		mg/Kg		81	61 - 126	3	30
Phenanthrene			3.33	2.68		mg/Kg		81	66 - 120	3	30
Phenol			3.33	2.71		mg/Kg		81	63 - 120	2	30
Pyrene			3.33	2.83		mg/Kg		85	61 - 121	1	30

Surrogate	*LCSD %Recovery*	*LCSD Qualifier*	*Limits*
2,4,6-Tribromophenol (Surr)	*78*		*18 - 137*
2-Fluorobiphenyl	*74*		*33 - 117*
2-Fluorophenol (Surr)	*80*		*24 - 120*
Nitrobenzene-d5 (Surr)	*75*		*27 - 120*
Phenol-d5 (Surr)	*75*		*28 - 118*
Terphenyl-d14 (Surr)	*81*		*33 - 124*

Lab Sample ID: 460-337196-B-6-G MS
Matrix: Solid
Analysis Batch: 1068574

Client Sample ID: Matrix Spike
Prep Type: Total/NA
Prep Batch: 1068453

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec Limits
1,1'-Biphenyl	0.60	U	6.13	4.39		mg/Kg	☼	72	64 - 120
1,2,4,5-Tetrachlorobenzene	0.60	U	6.13	4.69		mg/Kg	☼	76	60 - 120
1,4-Dioxane	0.060	U	6.13	2.83		mg/Kg	☼	46	31 - 105
2,2'-oxybis[1-chloropropane]	0.60	U	6.13	3.66		mg/Kg	☼	60	50 - 126
2,3,4,6-Tetrachlorophenol	0.60	U	6.13	4.38		mg/Kg	☼	72	62 - 120
2,4,5-Trichlorophenol	0.60	U	6.13	4.57		mg/Kg	☼	75	64 - 120
2,4,6-Trichlorophenol	0.24	U	6.13	4.71		mg/Kg	☼	77	65 - 120
2,4-Dichlorophenol	0.24	U	6.13	4.85		mg/Kg	☼	79	66 - 120
2,4-Dimethylphenol	0.60	U	6.13	4.62		mg/Kg	☼	75	75 - 136
2,4-Dinitrophenol	0.49	U	12.3	4.49	*	mg/Kg	☼	37	41 - 120
2,4-Dinitrotoluene	0.12	U	6.13	4.34		mg/Kg	☼	71	65 - 124
2,6-Dinitrotoluene	0.12	U	6.13	4.51		mg/Kg	☼	74	67 - 121
2-Chloronaphthalene	0.60	U	6.13	4.47		mg/Kg	☼	73	64 - 120

Method: 8270E - Semivolatile Organic Compounds (GC/MS) (Continued)

Lab Sample ID: 460-337196-B-6-G MS
Matrix: Solid
Analysis Batch: 1068574

Client Sample ID: Matrix Spike
Prep Type: Total/NA
Prep Batch: 1068453

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec Limits
2-Chlorophenol	0.60	U	6.13	4.48		mg/Kg	☼	73	63 - 120
2-Methylnaphthalene	0.60	U	6.13	4.53		mg/Kg	☼	74	56 - 102
2-Methylphenol	0.60	U	6.13	4.22		mg/Kg	☼	69	63 - 120
2-Nitroaniline	0.60	U	6.13	3.43		mg/Kg	☼	56	52 - 120
2-Nitrophenol	0.60	U	6.13	4.62		mg/Kg	☼	75	64 - 120
3 & 4 Methylphenol	0.60	U	6.13	4.22		mg/Kg	☼	69	61 - 120
3,3'-Dichlorobenzidine	0.24	U	6.13	3.93		mg/Kg	☼	64	10 - 106
3-Nitroaniline	0.60	U	6.13	3.77		mg/Kg	☼	62	18 - 105
4,6-Dinitro-2-methylphenol	0.49	U	12.3	5.68	*	mg/Kg	☼	46	61 - 127
4-Bromophenyl phenyl ether	0.60	U	6.13	5.01		mg/Kg	☼	82	64 - 120
4-Chloro-3-methylphenol	0.60	U	6.13	4.40		mg/Kg	☼	72	68 - 120
4-Chloroaniline	0.60	U	6.13	3.19		mg/Kg	☼	52	10 - 107
4-Chlorophenyl phenyl ether	0.60	U	6.13	4.55		mg/Kg	☼	74	62 - 120
4-Methylphenol	0.60	U	6.13	4.22		mg/Kg	☼	69	61 - 120
4-Nitroaniline	0.60	U	6.13	3.45		mg/Kg	☼	56	51 - 112
4-Nitrophenol	1.2	U	12.3	7.37		mg/Kg	☼	60	52 - 122
Acenaphthene	0.60	U	6.13	4.10		mg/Kg	☼	67	65 - 120
Acenaphthylene	0.60	U	6.13	4.51		mg/Kg	☼	74	68 - 120
Acetophenone	0.60	U	6.13	4.32		mg/Kg	☼	71	61 - 111
Anthracene	0.60	U	6.13	4.63		mg/Kg	☼	76	67 - 120
Atrazine	0.24	U	2.45	2.91		mg/Kg	☼	119	52 - 150
Benzaldehyde	0.60	U	2.45	2.18	E	mg/Kg	☼	89	45 - 150
Benzo[a]anthracene	0.060	U	6.13	4.60		mg/Kg	☼	75	66 - 120
Benzo[a]pyrene	0.060	U	6.13	4.67		mg/Kg	☼	76	69 - 123
Benzo[b]fluoranthene	0.060	U	6.13	4.96		mg/Kg	☼	81	66 - 125
Benzo[g,h,i]perylene	0.60	U	6.13	3.38	*	mg/Kg	☼	55	66 - 138
Benzo[k]fluoranthene	0.060	U	6.13	4.74		mg/Kg	☼	77	67 - 122
Bis(2-chloroethoxy)methane	0.60	U	6.13	4.39		mg/Kg	☼	72	62 - 120
Bis(2-chloroethyl)ether	0.060	U	6.13	4.11		mg/Kg	☼	67	60 - 120
Bis(2-ethylhexyl) phthalate	0.60	U	6.13	4.55		mg/Kg	☼	74	64 - 125
Butyl benzyl phthalate	0.60	U	6.13	4.69		mg/Kg	☼	77	62 - 127
Caprolactam	0.60	U	2.45	2.35		mg/Kg	☼	96	46 - 150
Carbazole	0.60	U	6.13	4.68		mg/Kg	☼	76	64 - 120
Chrysene	0.60	U	6.13	4.70		mg/Kg	☼	77	67 - 120
Dibenz(a,h)anthracene	0.060	U	6.13	3.83	*	mg/Kg	☼	62	66 - 128
Dibenzofuran	0.60	U	6.13	4.36		mg/Kg	☼	71	61 - 120
Diethyl phthalate	0.60	U	6.13	4.35		mg/Kg	☼	71	63 - 120
Dimethyl phthalate	0.60	U	6.13	4.55		mg/Kg	☼	74	65 - 120
Di-n-butyl phthalate	0.60	U	6.13	5.01		mg/Kg	☼	82	61 - 120
Di-n-octyl phthalate	0.60	U	6.13	5.56		mg/Kg	☼	91	61 - 123
Fluoranthene	0.60	U	6.13	4.69		mg/Kg	☼	77	61 - 120
Fluorene	0.60	U	6.13	4.40		mg/Kg	☼	72	64 - 120
Hexachlorobenzene	0.060	U	6.13	5.00		mg/Kg	☼	82	66 - 120
Hexachlorobutadiene	0.12	U	6.13	4.81		mg/Kg	☼	78	62 - 120
Hexachlorocyclopentadiene	0.60	U	6.13	1.26	*	mg/Kg	☼	21	32 - 150
Hexachloroethane	0.060	U	6.13	3.79		mg/Kg	☼	62	61 - 112
Indeno[1,2,3-cd]pyrene	0.060	U	6.13	3.70	*	mg/Kg	☼	60	63 - 137
Isophorone	0.24	U	6.13	4.06		mg/Kg	☼	66	61 - 120
Naphthalene	0.60	U	6.13	4.41		mg/Kg	☼	72	63 - 113

Method: 8270E - Semivolatile Organic Compounds (GC/MS) (Continued)

Lab Sample ID: 460-337196-B-6-G MS
Matrix: Solid
Analysis Batch: 1068574

Client Sample ID: Matrix Spike
Prep Type: Total/NA
Prep Batch: 1068453

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec Limits
Nitrobenzene	0.060	U	6.13	4.35		mg/Kg	☼	71	63 - 120
N-Nitrosodi-n-propylamine	0.060	U	6.13	4.14		mg/Kg	☼	68	60 - 120
N-Nitrosodiphenylamine	0.60	U	6.13	4.70		mg/Kg	☼	77	63 - 120
Pentachlorophenol	0.49	U	12.3	8.81		mg/Kg	☼	72	61 - 126
Phenanthrene	0.60	U	6.13	4.73		mg/Kg	☼	77	66 - 120
Phenol	0.60	U	6.13	4.29		mg/Kg	☼	70	63 - 120
Pyrene	0.60	U	6.13	4.58		mg/Kg	☼	75	61 - 121

Surrogate	*MS %Recovery*	*MS Qualifier*	*Limits*
2,4,6-Tribromophenol (Surr)	*74*		*18 - 137*
2-Fluorobiphenyl	*71*		*33 - 117*
2-Fluorophenol (Surr)	*70*		*24 - 120*
Nitrobenzene-d5 (Surr)	*65*		*27 - 120*
Phenol-d5 (Surr)	*66*		*28 - 118*
Terphenyl-d14 (Surr)	*74*		*33 - 124*

Lab Sample ID: 460-337196-B-6-H MSD
Matrix: Solid
Analysis Batch: 1068574

Client Sample ID: Matrix Spike Duplicate
Prep Type: Total/NA
Prep Batch: 1068453

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
1,1'-Biphenyl	0.60	U	6.12	4.22		mg/Kg	☼	69	64 - 120	4	30
1,2,4,5-Tetrachlorobenzene	0.60	U	6.12	4.51		mg/Kg	☼	74	60 - 120	4	30
1,4-Dioxane	0.060	U	6.12	3.05		mg/Kg	☼	50	31 - 105	7	30
2,2'-oxybis[1-chloropropane]	0.60	U	6.12	3.66		mg/Kg	☼	60	50 - 126	0	30
2,3,4,6-Tetrachlorophenol	0.60	U	6.12	4.11		mg/Kg	☼	67	62 - 120	7	30
2,4,5-Trichlorophenol	0.60	U	6.12	4.31		mg/Kg	☼	70	64 - 120	6	30
2,4,6-Trichlorophenol	0.24	U	6.12	4.48		mg/Kg	☼	73	65 - 120	5	30
2,4-Dichlorophenol	0.24	U	6.12	4.65		mg/Kg	☼	76	66 - 120	4	30
2,4-Dimethylphenol	0.60	U	6.12	4.34	*	mg/Kg	☼	71	75 - 136	6	30
2,4-Dinitrophenol	0.49	U	12.2	3.82	*	mg/Kg	☼	31	41 - 120	16	30
2,4-Dinitrotoluene	0.12	U	6.12	4.14		mg/Kg	☼	68	65 - 124	5	30
2,6-Dinitrotoluene	0.12	U	6.12	4.30		mg/Kg	☼	70	67 - 121	5	30
2-Chloronaphthalene	0.60	U	6.12	4.26		mg/Kg	☼	70	64 - 120	5	30
2-Chlorophenol	0.60	U	6.12	4.45		mg/Kg	☼	73	63 - 120	1	30
2-Methylnaphthalene	0.60	U	6.12	4.41		mg/Kg	☼	72	56 - 102	3	30
2-Methylphenol	0.60	U	6.12	4.15		mg/Kg	☼	68	63 - 120	2	30
2-Nitroaniline	0.60	U	6.12	3.16		mg/Kg	☼	52	52 - 120	8	30
2-Nitrophenol	0.60	U	6.12	4.50		mg/Kg	☼	74	64 - 120	3	30
3 & 4 Methylphenol	0.60	U	6.12	4.06		mg/Kg	☼	66	61 - 120	4	30
3,3'-Dichlorobenzidine	0.24	U	6.12	3.55		mg/Kg	☼	58	10 - 106	10	30
3-Nitroaniline	0.60	U	6.12	3.46		mg/Kg	☼	57	18 - 105	9	30
4,6-Dinitro-2-methylphenol	0.49	U	12.2	4.97	*	mg/Kg	☼	41	61 - 127	13	30
4-Bromophenyl phenyl ether	0.60	U	6.12	4.77		mg/Kg	☼	78	64 - 120	5	30
4-Chloro-3-methylphenol	0.60	U	6.12	4.21		mg/Kg	☼	69	68 - 120	4	30
4-Chloroaniline	0.60	U	6.12	2.91		mg/Kg	☼	48	10 - 107	9	30
4-Chlorophenyl phenyl ether	0.60	U	6.12	4.26		mg/Kg	☼	70	62 - 120	7	30
4-Methylphenol	0.60	U	6.12	4.06		mg/Kg	☼	66	61 - 120	4	30

Method: 8270E - Semivolatile Organic Compounds (GC/MS) (Continued)

Lab Sample ID: 460-337196-B-6-H MSD
Matrix: Solid
Analysis Batch: 1068574

Client Sample ID: Matrix Spike Duplicate
Prep Type: Total/NA
Prep Batch: 1068453

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
4-Nitroaniline	0.60	U	6.12	3.04	*	mg/Kg	☼	50	51 - 112	13	30
4-Nitrophenol	1.2	U	12.2	7.07		mg/Kg	☼	58	52 - 122	4	30
Acenaphthene	0.60	U	6.12	3.87	*	mg/Kg	☼	63	65 - 120	6	30
Acenaphthylene	0.60	U	6.12	4.24		mg/Kg	☼	69	68 - 120	6	30
Acetophenone	0.60	U	6.12	4.26		mg/Kg	☼	70	61 - 111	1	30
Anthracene	0.60	U	6.12	4.36		mg/Kg	☼	71	67 - 120	6	30
Atrazine	0.24	U	2.45	2.04	*	mg/Kg	☼	83	52 - 150	35	30
Benzaldehyde	0.60	U	2.45	1.68		mg/Kg	☼	68	45 - 150	26	30
Benzo[a]anthracene	0.060	U	6.12	4.27		mg/Kg	☼	70	66 - 120	7	30
Benzo[a]pyrene	0.060	U	6.12	4.37		mg/Kg	☼	71	69 - 123	7	30
Benzo[b]fluoranthene	0.060	U	6.12	4.75		mg/Kg	☼	78	66 - 125	4	30
Benzo[g,h,i]perylene	0.60	U	6.12	3.03	*	mg/Kg	☼	50	66 - 138	11	30
Benzo[k]fluoranthene	0.060	U	6.12	4.67		mg/Kg	☼	76	67 - 122	1	30
Bis(2-chloroethoxy)methane	0.60	U	6.12	4.20		mg/Kg	☼	69	62 - 120	5	30
Bis(2-chloroethyl)ether	0.060	U	6.12	4.05		mg/Kg	☼	66	60 - 120	1	30
Bis(2-ethylhexyl) phthalate	0.60	U	6.12	4.20		mg/Kg	☼	69	64 - 125	8	30
Butyl benzyl phthalate	0.60	U	6.12	4.38		mg/Kg	☼	72	62 - 127	7	30
Caprolactam	0.60	U	2.45	1.69	*	mg/Kg	☼	69	46 - 150	33	30
Carbazole	0.60	U	6.12	4.30		mg/Kg	☼	70	64 - 120	9	30
Chrysene	0.60	U	6.12	4.36		mg/Kg	☼	71	67 - 120	7	30
Dibenz(a,h)anthracene	0.060	U	6.12	3.47	*	mg/Kg	☼	57	66 - 128	10	30
Dibenzofuran	0.60	U	6.12	4.17		mg/Kg	☼	68	61 - 120	5	30
Diethyl phthalate	0.60	U	6.12	4.12		mg/Kg	☼	67	63 - 120	6	30
Dimethyl phthalate	0.60	U	6.12	4.28		mg/Kg	☼	70	65 - 120	6	30
Di-n-butyl phthalate	0.60	U	6.12	4.69		mg/Kg	☼	77	61 - 120	7	30
Di-n-octyl phthalate	0.60	U	6.12	5.38		mg/Kg	☼	88	61 - 123	3	30
Fluoranthene	0.60	U	6.12	4.38		mg/Kg	☼	72	61 - 120	7	30
Fluorene	0.60	U	6.12	4.12		mg/Kg	☼	67	64 - 120	7	30
Hexachlorobenzene	0.060	U	6.12	4.80		mg/Kg	☼	78	66 - 120	4	30
Hexachlorobutadiene	0.12	U	6.12	4.75		mg/Kg	☼	78	62 - 120	1	30
Hexachlorocyclopentadiene	0.60	U	6.12	1.32	*	mg/Kg	☼	22	32 - 150	5	30
Hexachloroethane	0.060	U	6.12	3.75		mg/Kg	☼	61	61 - 112	1	30
Indeno[1,2,3-cd]pyrene	0.060	U	6.12	3.41	*	mg/Kg	☼	56	63 - 137	8	30
Isophorone	0.24	U	6.12	3.92		mg/Kg	☼	64	61 - 120	4	30
Naphthalene	0.60	U	6.12	4.33		mg/Kg	☼	71	63 - 113	2	30
Nitrobenzene	0.060	U	6.12	4.34		mg/Kg	☼	71	63 - 120	0	30
N-Nitrosodi-n-propylamine	0.060	U	6.12	4.04		mg/Kg	☼	66	60 - 120	2	30
N-Nitrosodiphenylamine	0.60	U	6.12	4.48		mg/Kg	☼	73	63 - 120	5	30
Pentachlorophenol	0.49	U	12.2	8.26		mg/Kg	☼	67	61 - 126	7	30
Phenanthrene	0.60	U	6.12	4.42		mg/Kg	☼	72	66 - 120	7	30
Phenol	0.60	U	6.12	4.20		mg/Kg	☼	69	63 - 120	2	30
Pyrene	0.60	U	6.12	4.28		mg/Kg	☼	70	61 - 121	7	30

Surrogate	*MSD %Recovery*	*MSD Qualifier*	*Limits*
2,4,6-Tribromophenol (Surr)	*70*		*18 - 137*
2-Fluorobiphenyl	*70*		*33 - 117*
2-Fluorophenol (Surr)	*71*		*24 - 120*
Nitrobenzene-d5 (Surr)	*66*		*27 - 120*

Method: 8270E - Semivolatile Organic Compounds (GC/MS) (Continued)

Lab Sample ID: 460-337196-B-6-H MSD
Matrix: Solid
Analysis Batch: 1068574

Client Sample ID: Matrix Spike Duplicate
Prep Type: Total/NA
Prep Batch: 1068453

Surrogate	MSD %Recovery	MSD Qualifier	Limits
Phenol-d5 (Surr)	67		28 - 118
Terphenyl-d14 (Surr)	70		33 - 124

Method: 8081B - Organochlorine Pesticides (GC)

Lab Sample ID: MB 460-1068447/1-A
Matrix: Solid
Analysis Batch: 1068637

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 1068447

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
4,4'-DDD	0.0067	U	0.0067	0.0011	mg/Kg		10/15/25 10:08	10/16/25 04:39	1
4,4'-DDD	0.0067	U	0.0067	0.0011	mg/Kg		10/15/25 10:08	10/16/25 04:39	1
4,4'-DDE	0.0067	U	0.0067	0.00079	mg/Kg		10/15/25 10:08	10/16/25 04:39	1
4,4'-DDE	0.0067	U	0.0067	0.00079	mg/Kg		10/15/25 10:08	10/16/25 04:39	1
4,4'-DDT	0.0067	U	0.0067	0.0012	mg/Kg		10/15/25 10:08	10/16/25 04:39	1
4,4'-DDT	0.0067	U	0.0067	0.0012	mg/Kg		10/15/25 10:08	10/16/25 04:39	1
Aldrin	0.0067	U	0.0067	0.0010	mg/Kg		10/15/25 10:08	10/16/25 04:39	1
Aldrin	0.0067	U	0.0067	0.0010	mg/Kg		10/15/25 10:08	10/16/25 04:39	1
alpha-BHC	0.0020	U	0.0020	0.00068	mg/Kg		10/15/25 10:08	10/16/25 04:39	1
alpha-BHC	0.0020	U	0.0020	0.00068	mg/Kg		10/15/25 10:08	10/16/25 04:39	1
beta-BHC	0.0020	U	0.0020	0.00075	mg/Kg		10/15/25 10:08	10/16/25 04:39	1
beta-BHC	0.0020	U	0.0020	0.00075	mg/Kg		10/15/25 10:08	10/16/25 04:39	1
Chlordane (technical)	0.067	U	0.067	0.016	mg/Kg		10/15/25 10:08	10/16/25 04:39	1
Chlordane (technical)	0.067	U	0.067	0.016	mg/Kg		10/15/25 10:08	10/16/25 04:39	1
cis-Chlordane	0.0067	U	0.0067	0.0011	mg/Kg		10/15/25 10:08	10/16/25 04:39	1
cis-Chlordane	0.0067	U	0.0067	0.0011	mg/Kg		10/15/25 10:08	10/16/25 04:39	1
delta-BHC	0.0020	U	0.0020	0.00041	mg/Kg		10/15/25 10:08	10/16/25 04:39	1
delta-BHC	0.0020	U	0.0020	0.00041	mg/Kg		10/15/25 10:08	10/16/25 04:39	1
Dieldrin	0.0020	U	0.0020	0.00087	mg/Kg		10/15/25 10:08	10/16/25 04:39	1
Dieldrin	0.0020	U	0.0020	0.00087	mg/Kg		10/15/25 10:08	10/16/25 04:39	1
Endosulfan I	0.0067	U	0.0067	0.0010	mg/Kg		10/15/25 10:08	10/16/25 04:39	1
Endosulfan I	0.0067	U	0.0067	0.0010	mg/Kg		10/15/25 10:08	10/16/25 04:39	1
Endosulfan II	0.0067	U	0.0067	0.0017	mg/Kg		10/15/25 10:08	10/16/25 04:39	1
Endosulfan II	0.0067	U	0.0067	0.0017	mg/Kg		10/15/25 10:08	10/16/25 04:39	1
Endosulfan sulfate	0.0067	U	0.0067	0.00084	mg/Kg		10/15/25 10:08	10/16/25 04:39	1
Endosulfan sulfate	0.0067	U	0.0067	0.00084	mg/Kg		10/15/25 10:08	10/16/25 04:39	1
Endrin	0.0067	U	0.0067	0.00096	mg/Kg		10/15/25 10:08	10/16/25 04:39	1
Endrin	0.0067	U	0.0067	0.00096	mg/Kg		10/15/25 10:08	10/16/25 04:39	1
Endrin aldehyde	0.0067	U	0.0067	0.0016	mg/Kg		10/15/25 10:08	10/16/25 04:39	1
Endrin aldehyde	0.0067	U	0.0067	0.0016	mg/Kg		10/15/25 10:08	10/16/25 04:39	1
Endrin ketone	0.0067	U	0.0067	0.0013	mg/Kg		10/15/25 10:08	10/16/25 04:39	1
Endrin ketone	0.0067	U	0.0067	0.0013	mg/Kg		10/15/25 10:08	10/16/25 04:39	1
gamma-BHC (Lindane)	0.0020	U	0.0020	0.00062	mg/Kg		10/15/25 10:08	10/16/25 04:39	1
gamma-BHC (Lindane)	0.0020	U	0.0020	0.00062	mg/Kg		10/15/25 10:08	10/16/25 04:39	1
Heptachlor	0.0067	U	0.0067	0.00079	mg/Kg		10/15/25 10:08	10/16/25 04:39	1
Heptachlor	0.0067	U	0.0067	0.00079	mg/Kg		10/15/25 10:08	10/16/25 04:39	1
Heptachlor epoxide	0.0067	U	0.0067	0.0010	mg/Kg		10/15/25 10:08	10/16/25 04:39	1
Heptachlor epoxide	0.0067	U	0.0067	0.0010	mg/Kg		10/15/25 10:08	10/16/25 04:39	1
Methoxychlor	0.0067	U	0.0067	0.0015	mg/Kg		10/15/25 10:08	10/16/25 04:39	1

Method: 8081B - Organochlorine Pesticides (GC) (Continued)

Lab Sample ID: MB 460-1068447/1-A
Matrix: Solid
Analysis Batch: 1068637

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 1068447

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Methoxychlor	0.0067	U	0.0067	0.0015	mg/Kg		10/15/25 10:08	10/16/25 04:39	1
Toxaphene	0.067	U	0.067	0.024	mg/Kg		10/15/25 10:08	10/16/25 04:39	1
Toxaphene	0.067	U	0.067	0.024	mg/Kg		10/15/25 10:08	10/16/25 04:39	1

Surrogate	*MB %Recovery*	*MB Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
DCB Decachlorobiphenyl	*70*		*10 - 150*	*10/15/25 10:08*	*10/16/25 04:39*	*1*
DCB Decachlorobiphenyl	*84*		*10 - 150*	*10/15/25 10:08*	*10/16/25 04:39*	*1*
Tetrachloro-m-xylene	*79*		*14 - 150*	*10/15/25 10:08*	*10/16/25 04:39*	*1*
Tetrachloro-m-xylene	*75*		*14 - 150*	*10/15/25 10:08*	*10/16/25 04:39*	*1*

Lab Sample ID: LCS 460-1068447/2-A
Matrix: Solid
Analysis Batch: 1068637

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 1068447

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
4,4'-DDD	0.133	0.129		mg/Kg		96	71 - 134
4,4'-DDD	0.133	0.136		mg/Kg		102	71 - 134
4,4'-DDE	0.133	0.134		mg/Kg		101	71 - 137
4,4'-DDE	0.133	0.160		mg/Kg		120	71 - 137
4,4'-DDT	0.133	0.123		mg/Kg		92	69 - 140
4,4'-DDT	0.133	0.131		mg/Kg		98	69 - 140
Aldrin	0.133	0.130		mg/Kg		98	68 - 136
Aldrin	0.133	0.149		mg/Kg		112	68 - 136
alpha-BHC	0.133	0.130		mg/Kg		97	71 - 136
alpha-BHC	0.133	0.148		mg/Kg		111	71 - 136
beta-BHC	0.133	0.120		mg/Kg		90	67 - 133
beta-BHC	0.133	0.137		mg/Kg		103	67 - 133
cis-Chlordane	0.133	0.132		mg/Kg		99	70 - 140
cis-Chlordane	0.133	0.144		mg/Kg		108	70 - 140
delta-BHC	0.133	0.131		mg/Kg		98	70 - 135
delta-BHC	0.133	0.143		mg/Kg		107	70 - 135
Dieldrin	0.133	0.121		mg/Kg		91	71 - 135
Dieldrin	0.133	0.145		mg/Kg		109	71 - 135
Endosulfan I	0.133	0.125		mg/Kg		94	70 - 141
Endosulfan I	0.133	0.145		mg/Kg		109	70 - 141
Endosulfan II	0.133	0.124		mg/Kg		93	75 - 141
Endosulfan II	0.133	0.141		mg/Kg		106	75 - 141
Endosulfan sulfate	0.133	0.116		mg/Kg		87	67 - 130
Endosulfan sulfate	0.133	0.133		mg/Kg		100	67 - 130
Endrin	0.133	0.124		mg/Kg		93	66 - 143
Endrin	0.133	0.146		mg/Kg		110	66 - 143
Endrin aldehyde	0.133	0.120		mg/Kg		90	70 - 132
Endrin aldehyde	0.133	0.131		mg/Kg		98	70 - 132
Endrin ketone	0.133	0.107		mg/Kg		80	66 - 137
Endrin ketone	0.133	0.125		mg/Kg		94	66 - 137
gamma-BHC (Lindane)	0.133	0.123		mg/Kg		92	71 - 137
gamma-BHC (Lindane)	0.133	0.166		mg/Kg		125	71 - 137
Heptachlor	0.133	0.130		mg/Kg		97	70 - 140

Method: 8081B - Organochlorine Pesticides (GC) (Continued)

Lab Sample ID: LCS 460-1068447/2-A
Matrix: Solid
Analysis Batch: 1068637

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 1068447

Analyte			Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits		
Heptachlor			0.133	0.141		mg/Kg		106	70 - 140		
Heptachlor epoxide			0.133	0.130		mg/Kg		97	70 - 135		
Heptachlor epoxide			0.133	0.147		mg/Kg		111	70 - 135		
Methoxychlor			0.133	0.118		mg/Kg		88	63 - 138		
Methoxychlor			0.133	0.125		mg/Kg		93	63 - 138		

Surrogate	*LCS %Recovery*	*LCS Qualifier*	*Limits*
DCB Decachlorobiphenyl	*86*		*10 - 150*
DCB Decachlorobiphenyl	*101*		*10 - 150*
Tetrachloro-m-xylene	*90*		*14 - 150*
Tetrachloro-m-xylene	*94*		*14 - 150*

Lab Sample ID: LCSD 460-1068447/3-A
Matrix: Solid
Analysis Batch: 1068637

Client Sample ID: Lab Control Sample Dup
Prep Type: Total/NA
Prep Batch: 1068447

Analyte			Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
4,4'-DDD			0.133	0.128		mg/Kg		96	71 - 134	0	30
4,4'-DDD			0.133	0.138		mg/Kg		103	71 - 134	1	30
4,4'-DDE			0.133	0.134		mg/Kg		100	71 - 137	0	30
4,4'-DDE			0.133	0.160		mg/Kg		120	71 - 137	0	30
4,4'-DDT			0.133	0.124		mg/Kg		93	69 - 140	0	30
4,4'-DDT			0.133	0.133		mg/Kg		99	69 - 140	1	30
Aldrin			0.133	0.130		mg/Kg		98	68 - 136	0	30
Aldrin			0.133	0.150		mg/Kg		112	68 - 136	0	30
alpha-BHC			0.133	0.131		mg/Kg		98	71 - 136	1	30
alpha-BHC			0.133	0.149		mg/Kg		112	71 - 136	1	30
beta-BHC			0.133	0.121		mg/Kg		91	67 - 133	1	30
beta-BHC			0.133	0.139		mg/Kg		104	67 - 133	1	30
cis-Chlordane			0.133	0.132		mg/Kg		99	70 - 140	0	30
cis-Chlordane			0.133	0.146		mg/Kg		109	70 - 140	1	30
delta-BHC			0.133	0.132		mg/Kg		99	70 - 135	1	30
delta-BHC			0.133	0.145		mg/Kg		109	70 - 135	1	30
Dieldrin			0.133	0.121		mg/Kg		91	71 - 135	0	30
Dieldrin			0.133	0.146		mg/Kg		110	71 - 135	1	30
Endosulfan I			0.133	0.125		mg/Kg		94	70 - 141	1	30
Endosulfan I			0.133	0.147		mg/Kg		110	70 - 141	1	30
Endosulfan II			0.133	0.124		mg/Kg		93	75 - 141	0	30
Endosulfan II			0.133	0.143		mg/Kg		107	75 - 141	1	30
Endosulfan sulfate			0.133	0.116		mg/Kg		87	67 - 130	0	30
Endosulfan sulfate			0.133	0.134		mg/Kg		101	67 - 130	1	30
Endrin			0.133	0.125		mg/Kg		94	66 - 143	1	30
Endrin			0.133	0.148		mg/Kg		111	66 - 143	1	30
Endrin aldehyde			0.133	0.120		mg/Kg		90	70 - 132	0	30
Endrin aldehyde			0.133	0.132		mg/Kg		99	70 - 132	1	30
Endrin ketone			0.133	0.106		mg/Kg		80	66 - 137	1	30
Endrin ketone			0.133	0.126		mg/Kg		95	66 - 137	1	30
gamma-BHC (Lindane)			0.133	0.124		mg/Kg		93	71 - 137	1	30

Method: 8081B - Organochlorine Pesticides (GC) (Continued)

Lab Sample ID: LCSD 460-1068447/3-A
Matrix: Solid
Analysis Batch: 1068637

Client Sample ID: Lab Control Sample Dup
Prep Type: Total/NA
Prep Batch: 1068447

Analyte			Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
gamma-BHC (Lindane)			0.133	0.166		mg/Kg		125	71 - 137	0	30
Heptachlor			0.133	0.131		mg/Kg		98	70 - 140	1	30
Heptachlor			0.133	0.143		mg/Kg		107	70 - 140	1	30
Heptachlor epoxide			0.133	0.130		mg/Kg		97	70 - 135	0	30
Heptachlor epoxide			0.133	0.149		mg/Kg		112	70 - 135	1	30
Methoxychlor			0.133	0.116		mg/Kg		87	63 - 138	1	30
Methoxychlor			0.133	0.124		mg/Kg		93	63 - 138	0	30

Surrogate	*LCSD %Recovery*	*LCSD Qualifier*	*Limits*
DCB Decachlorobiphenyl	*86*		*10 - 150*
DCB Decachlorobiphenyl	*103*		*10 - 150*
Tetrachloro-m-xylene	*91*		*14 - 150*
Tetrachloro-m-xylene	*96*		*14 - 150*

Lab Sample ID: 460-337196-B-6-A MS
Matrix: Solid
Analysis Batch: 1068637

Client Sample ID: Matrix Spike
Prep Type: Total/NA
Prep Batch: 1068447

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec Limits
4,4'-DDD	0.012	U	0.245	0.166	*	mg/Kg	☼	68	71 - 134
4,4'-DDD	0.012	U	0.245	0.192		mg/Kg	☼	78	71 - 134
4,4'-DDE	0.012	U	0.245	0.168	*	mg/Kg	☼	68	71 - 137
4,4'-DDE	0.012	U	0.245	0.201		mg/Kg	☼	82	71 - 137
4,4'-DDT	0.012	U	0.245	0.126	*	mg/Kg	☼	52	69 - 140
4,4'-DDT	0.012	U	0.245	0.131	*	mg/Kg	☼	53	69 - 140
Aldrin	0.012	U	0.245	0.162	*	mg/Kg	☼	66	68 - 136
Aldrin	0.012	U	0.245	0.182		mg/Kg	☼	74	68 - 136
alpha-BHC	0.0037	U	0.245	0.168	*	mg/Kg	☼	68	71 - 136
alpha-BHC	0.0037	U	0.245	0.188		mg/Kg	☼	77	71 - 136
beta-BHC	0.0037	U	0.245	0.173		mg/Kg	☼	71	67 - 133
beta-BHC	0.0037	U	0.245	0.193		mg/Kg	☼	79	67 - 133
cis-Chlordane	0.012	U	0.245	0.174		mg/Kg	☼	71	70 - 140
cis-Chlordane	0.012	U	0.245	0.196		mg/Kg	☼	80	70 - 140
delta-BHC	0.0037	U	0.245	0.180		mg/Kg	☼	73	70 - 135
delta-BHC	0.0037	U	0.245	0.197		mg/Kg	☼	80	70 - 135
Dieldrin	0.0037	U	0.245	0.161	*	mg/Kg	☼	66	71 - 135
Dieldrin	0.0037	U	0.245	0.195		mg/Kg	☼	79	71 - 135
Endosulfan I	0.012	U	0.245	0.170	*	mg/Kg	☼	69	70 - 141
Endosulfan I	0.012	U	0.245	0.195		mg/Kg	☼	80	70 - 141
Endosulfan II	0.012	U	0.245	0.167	*	mg/Kg	☼	68	75 - 141
Endosulfan II	0.012	U	0.245	0.187		mg/Kg	☼	76	75 - 141
Endosulfan sulfate	0.012	U	0.245	0.139	*	mg/Kg	☼	57	67 - 130
Endosulfan sulfate	0.012	U	0.245	0.161	*	mg/Kg	☼	65	67 - 130
Endrin	0.012	U	0.245	0.164		mg/Kg	☼	67	66 - 143
Endrin	0.012	U	0.245	0.194		mg/Kg	☼	79	66 - 143
Endrin aldehyde	0.012	U	0.245	0.130	*	mg/Kg	☼	53	70 - 132
Endrin aldehyde	0.012	U	0.245	0.142	*	mg/Kg	☼	58	70 - 132
Endrin ketone	0.012	U	0.245	0.136	*	mg/Kg	☼	55	66 - 137

Method: 8081B - Organochlorine Pesticides (GC) (Continued)

Lab Sample ID: 460-337196-B-6-A MS
Matrix: Solid
Analysis Batch: 1068637

Client Sample ID: Matrix Spike
Prep Type: Total/NA
Prep Batch: 1068447

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec Limits
Endrin ketone	0.012	U	0.245	0.163		mg/Kg	☼	66	66 - 137
gamma-BHC (Lindane)	0.0037	U	0.245	0.164	*	mg/Kg	☼	67	71 - 137
gamma-BHC (Lindane)	0.0037	U	0.245	0.177		mg/Kg	☼	72	71 - 137
Heptachlor	0.012	U	0.245	0.144	*	mg/Kg	☼	59	70 - 140
Heptachlor	0.012	U	0.245	0.154	*	mg/Kg	☼	63	70 - 140
Heptachlor epoxide	0.012	U	0.245	0.171		mg/Kg	☼	70	70 - 135
Heptachlor epoxide	0.012	U	0.245	0.190		mg/Kg	☼	77	70 - 135
Methoxychlor	0.012	U	0.245	0.129	*	mg/Kg	☼	52	63 - 138
Methoxychlor	0.012	U	0.245	0.134	*	mg/Kg	☼	55	63 - 138

Surrogate	*MS %Recovery*	*MS Qualifier*	*Limits*
DCB Decachlorobiphenyl	*47*		*10 - 150*
DCB Decachlorobiphenyl	*48*		*10 - 150*
Tetrachloro-m-xylene	*58*		*14 - 150*
Tetrachloro-m-xylene	*59*		*14 - 150*

Lab Sample ID: 460-337196-B-6-B MSD
Matrix: Solid
Analysis Batch: 1068637

Client Sample ID: Matrix Spike Duplicate
Prep Type: Total/NA
Prep Batch: 1068447

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
4,4'-DDD	0.012	U	0.245	0.165	*	mg/Kg	☼	67	71 - 134	1	30
4,4'-DDD	0.012	U	0.245	0.196		mg/Kg	☼	80	71 - 134	2	30
4,4'-DDE	0.012	U	0.245	0.164	*	mg/Kg	☼	67	71 - 137	2	30
4,4'-DDE	0.012	U	0.245	0.198		mg/Kg	☼	81	71 - 137	1	30
4,4'-DDT	0.012	U	0.245	0.112	*	mg/Kg	☼	46	69 - 140	12	30
4,4'-DDT	0.012	U	0.245	0.119	*	mg/Kg	☼	48	69 - 140	10	30
Aldrin	0.012	U	0.245	0.158	*	mg/Kg	☼	64	68 - 136	2	30
Aldrin	0.012	U	0.245	0.183		mg/Kg	☼	75	68 - 136	0	30
alpha-BHC	0.0037	U	0.245	0.170	*	mg/Kg	☼	69	71 - 136	1	30
alpha-BHC	0.0037	U	0.245	0.191		mg/Kg	☼	78	71 - 136	2	30
beta-BHC	0.0037	U	0.245	0.171		mg/Kg	☼	70	67 - 133	1	30
beta-BHC	0.0037	U	0.245	0.190		mg/Kg	☼	77	67 - 133	2	30
cis-Chlordane	0.012	U	0.245	0.171		mg/Kg	☼	70	70 - 140	2	30
cis-Chlordane	0.012	U	0.245	0.195		mg/Kg	☼	79	70 - 140	1	30
delta-BHC	0.0037	U	0.245	0.177		mg/Kg	☼	72	70 - 135	2	30
delta-BHC	0.0037	U	0.245	0.197		mg/Kg	☼	80	70 - 135	0	30
Dieldrin	0.0037	U	0.245	0.158	*	mg/Kg	☼	64	71 - 135	2	30
Dieldrin	0.0037	U	0.245	0.194		mg/Kg	☼	79	71 - 135	0	30
Endosulfan I	0.012	U	0.245	0.167	*	mg/Kg	☼	68	70 - 141	2	30
Endosulfan I	0.012	U	0.245	0.194		mg/Kg	☼	79	70 - 141	1	30
Endosulfan II	0.012	U	0.245	0.166	*	mg/Kg	☼	68	75 - 141	1	30
Endosulfan II	0.012	U	0.245	0.190		mg/Kg	☼	77	75 - 141	2	30
Endosulfan sulfate	0.012	U	0.245	0.141	*	mg/Kg	☼	57	67 - 130	1	30
Endosulfan sulfate	0.012	U	0.245	0.164		mg/Kg	☼	67	67 - 130	2	30
Endrin	0.012	U	0.245	0.161		mg/Kg	☼	66	66 - 143	2	30
Endrin	0.012	U	0.245	0.194		mg/Kg	☼	79	66 - 143	0	30
Endrin aldehyde	0.012	U	0.245	0.131	*	mg/Kg	☼	53	70 - 132	1	30

Method: 8081B - Organochlorine Pesticides (GC) (Continued)

Lab Sample ID: 460-337196-B-6-B MSD
Matrix: Solid
Analysis Batch: 1068637

Client Sample ID: Matrix Spike Duplicate
Prep Type: Total/NA
Prep Batch: 1068447

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Endrin aldehyde	0.012	U	0.245	0.147	*	mg/Kg	☼	60	70 - 132	3	30
Endrin ketone	0.012	U	0.245	0.135	*	mg/Kg	☼	55	66 - 137	0	30
Endrin ketone	0.012	U	0.245	0.163		mg/Kg	☼	66	66 - 137	0	30
gamma-BHC (Lindane)	0.0037	U	0.245	0.162	*	mg/Kg	☼	66	71 - 137	1	30
gamma-BHC (Lindane)	0.0037	U	0.245	0.178		mg/Kg	☼	73	71 - 137	1	30
Heptachlor	0.012	U	0.245	0.137	*	mg/Kg	☼	56	70 - 140	5	30
Heptachlor	0.012	U	0.245	0.149	*	mg/Kg	☼	61	70 - 140	3	30
Heptachlor epoxide	0.012	U	0.245	0.166	*	mg/Kg	☼	68	70 - 135	3	30
Heptachlor epoxide	0.012	U	0.245	0.191		mg/Kg	☼	78	70 - 135	1	30
Methoxychlor	0.012	U	0.245	0.123	*	mg/Kg	☼	50	63 - 138	4	30
Methoxychlor	0.012	U	0.245	0.128	*	mg/Kg	☼	52	63 - 138	4	30

Surrogate	*MSD %Recovery*	*MSD Qualifier*	*Limits*
DCB Decachlorobiphenyl	*40*		*10 - 150*
DCB Decachlorobiphenyl	*52*		*10 - 150*
Tetrachloro-m-xylene	*59*		*14 - 150*
Tetrachloro-m-xylene	*60*		*14 - 150*

Method: 8082A - Polychlorinated Biphenyls (PCBs) by Gas Chromatography

Lab Sample ID: MB 460-1068449/1-A
Matrix: Solid
Analysis Batch: 1068776

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 1068449

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Aroclor 1016	0.067	U	0.067	0.018	mg/Kg		10/15/25 10:13	10/16/25 12:31	1
Aroclor 1016	0.067	U	0.067	0.018	mg/Kg		10/15/25 10:13	10/16/25 12:31	1
Aroclor 1221	0.067	U	0.067	0.018	mg/Kg		10/15/25 10:13	10/16/25 12:31	1
Aroclor 1221	0.067	U	0.067	0.018	mg/Kg		10/15/25 10:13	10/16/25 12:31	1
Aroclor 1232	0.067	U	0.067	0.018	mg/Kg		10/15/25 10:13	10/16/25 12:31	1
Aroclor 1232	0.067	U	0.067	0.018	mg/Kg		10/15/25 10:13	10/16/25 12:31	1
Aroclor 1242	0.067	U	0.067	0.018	mg/Kg		10/15/25 10:13	10/16/25 12:31	1
Aroclor 1242	0.067	U	0.067	0.018	mg/Kg		10/15/25 10:13	10/16/25 12:31	1
Aroclor 1248	0.067	U	0.067	0.018	mg/Kg		10/15/25 10:13	10/16/25 12:31	1
Aroclor 1248	0.067	U	0.067	0.018	mg/Kg		10/15/25 10:13	10/16/25 12:31	1
Aroclor 1254	0.067	U	0.067	0.018	mg/Kg		10/15/25 10:13	10/16/25 12:31	1
Aroclor 1254	0.067	U	0.067	0.018	mg/Kg		10/15/25 10:13	10/16/25 12:31	1
Aroclor 1260	0.067	U	0.067	0.018	mg/Kg		10/15/25 10:13	10/16/25 12:31	1
Aroclor 1260	0.067	U	0.067	0.018	mg/Kg		10/15/25 10:13	10/16/25 12:31	1
Aroclor-1262	0.067	U	0.067	0.018	mg/Kg		10/15/25 10:13	10/16/25 12:31	1
Aroclor-1262	0.067	U	0.067	0.018	mg/Kg		10/15/25 10:13	10/16/25 12:31	1
Aroclor 1268	0.067	U	0.067	0.018	mg/Kg		10/15/25 10:13	10/16/25 12:31	1
Aroclor 1268	0.067	U	0.067	0.018	mg/Kg		10/15/25 10:13	10/16/25 12:31	1
Polychlorinated biphenyls, Total	0.067	U	0.067	0.018	mg/Kg		10/15/25 10:13	10/16/25 12:31	1
Polychlorinated biphenyls, Total	0.067	U	0.067	0.018	mg/Kg		10/15/25 10:13	10/16/25 12:31	1

Surrogate	*MB %Recovery*	*MB Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
DCB Decachlorobiphenyl	*88*		*10 - 150*	*10/15/25 10:13*	*10/16/25 12:31*	*1*

Method: 8082A - Polychlorinated Biphenyls (PCBs) by Gas Chromatography (Continued)

Lab Sample ID: MB 460-1068449/1-A
Matrix: Solid
Analysis Batch: 1068776

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 1068449

Surrogate	MB %Recovery	MB Qualifier	Limits	Prepared	Analyzed	Dil Fac
DCB Decachlorobiphenyl	87		10 - 150	10/15/25 10:13	10/16/25 12:31	1
Tetrachloro-m-xylene	82		10 - 150	10/15/25 10:13	10/16/25 12:31	1
Tetrachloro-m-xylene	78		10 - 150	10/15/25 10:13	10/16/25 12:31	1

Lab Sample ID: LCS 460-1068449/2-A
Matrix: Solid
Analysis Batch: 1068776

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 1068449

Analyte			Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits		
Aroclor 1016			0.167	0.125		mg/Kg		75	59 - 149		
Aroclor 1016			0.167	0.130		mg/Kg		78	59 - 149		
Aroclor 1260			0.167	0.159		mg/Kg		96	62 - 145		
Aroclor 1260			0.167	0.173		mg/Kg		104	62 - 145		

Surrogate	LCS %Recovery	LCS Qualifier	Limits
DCB Decachlorobiphenyl	109		10 - 150
DCB Decachlorobiphenyl	118		10 - 150
Tetrachloro-m-xylene	75		10 - 150
Tetrachloro-m-xylene	71		10 - 150

Lab Sample ID: LCSD 460-1068449/3-A
Matrix: Solid
Analysis Batch: 1068776

Client Sample ID: Lab Control Sample Dup
Prep Type: Total/NA
Prep Batch: 1068449

Analyte			Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Aroclor 1016			0.167	0.140		mg/Kg		84	59 - 149	12	30
Aroclor 1016			0.167	0.129		mg/Kg		77	59 - 149	1	30
Aroclor 1260			0.167	0.156		mg/Kg		94	62 - 145	2	30
Aroclor 1260			0.167	0.152		mg/Kg		91	62 - 145	13	30

Surrogate	LCSD %Recovery	LCSD Qualifier	Limits
DCB Decachlorobiphenyl	107		10 - 150
DCB Decachlorobiphenyl	107		10 - 150
Tetrachloro-m-xylene	91		10 - 150
Tetrachloro-m-xylene	88		10 - 150

Lab Sample ID: 460-337196-B-6-D MS
Matrix: Solid
Analysis Batch: 1068776

Client Sample ID: Matrix Spike
Prep Type: Total/NA
Prep Batch: 1068449

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec Limits		
Aroclor 1016	0.12	U	0.307	0.313		mg/Kg	☼	102	59 - 149		
Aroclor 1016	0.12	U	0.307	0.311		mg/Kg	☼	101	59 - 149		
Aroclor 1260	0.12	U	0.307	0.297		mg/Kg	☼	97	62 - 145		
Aroclor 1260	0.12	U	0.307	0.269		mg/Kg	☼	88	62 - 145		

Method: 8082A - Polychlorinated Biphenyls (PCBs) by Gas Chromatography (Continued)

Lab Sample ID: 460-337196-B-6-D MS
Matrix: Solid
Analysis Batch: 1068776

Client Sample ID: Matrix Spike
Prep Type: Total/NA
Prep Batch: 1068449

Surrogate	MS %Recovery	MS Qualifier	Limits
DCB Decachlorobiphenyl	107		10 - 150
DCB Decachlorobiphenyl	101		10 - 150
Tetrachloro-m-xylene	128		10 - 150
Tetrachloro-m-xylene	122		10 - 150

Lab Sample ID: 460-337196-B-6-E MSD
Matrix: Solid
Analysis Batch: 1068776

Client Sample ID: Matrix Spike Duplicate
Prep Type: Total/NA
Prep Batch: 1068449

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Aroclor 1016	0.12	U	0.307	0.330		mg/Kg	☼	108	59 - 149	5	30
Aroclor 1016	0.12	U	0.307	0.406		mg/Kg	☼	132	59 - 149	27	30
Aroclor 1260	0.12	U	0.307	0.321		mg/Kg	☼	105	62 - 145	8	30
Aroclor 1260	0.12	U	0.307	0.316		mg/Kg	☼	103	62 - 145	16	30

Surrogate	MSD %Recovery	MSD Qualifier	Limits
DCB Decachlorobiphenyl	108		10 - 150
DCB Decachlorobiphenyl	118		10 - 150
Tetrachloro-m-xylene	127		10 - 150
Tetrachloro-m-xylene	135		10 - 150

Method: 1633A - Per- and Polyfluoroalkyl Substances by LC/MS/MS, 1633A

Lab Sample ID: MB 410-715830/1-A
Matrix: Solid
Analysis Batch: 716362

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 715830

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Perfluorobutanoic acid (PFBA)	0.40	U	0.40	0.10	ug/Kg		10/17/25 14:07	10/20/25 12:46	1
Perfluoropentanoic acid (PFPeA)	0.20	U	0.20	0.10	ug/Kg		10/17/25 14:07	10/20/25 12:46	1
Perfluorohexanoic acid (PFHxA)	0.20	U	0.20	0.10	ug/Kg		10/17/25 14:07	10/20/25 12:46	1
Perfluoroheptanoic acid (PFHpA)	0.20	U	0.20	0.10	ug/Kg		10/17/25 14:07	10/20/25 12:46	1
Perfluorooctanoic acid (PFOA)	0.20	U	0.20	0.060	ug/Kg		10/17/25 14:07	10/20/25 12:46	1
Perfluorononanoic acid (PFNA)	0.20	U	0.20	0.10	ug/Kg		10/17/25 14:07	10/20/25 12:46	1
Perfluorodecanoic acid (PFDA)	0.20	U	0.20	0.060	ug/Kg		10/17/25 14:07	10/20/25 12:46	1
Perfluoroundecanoic acid (PFUnA)	0.20	U	0.20	0.10	ug/Kg		10/17/25 14:07	10/20/25 12:46	1
Perfluorododecanoic acid (PFDoA)	0.20	U	0.20	0.10	ug/Kg		10/17/25 14:07	10/20/25 12:46	1
Perfluorotridecanoic acid (PFTrDA)	0.20	U	0.20	0.10	ug/Kg		10/17/25 14:07	10/20/25 12:46	1
Perfluorotetradecanoic acid (PFTeDA)	0.20	U	0.20	0.10	ug/Kg		10/17/25 14:07	10/20/25 12:46	1
Perfluorobutanesulfonic acid (PFBS)	0.20	U	0.20	0.10	ug/Kg		10/17/25 14:07	10/20/25 12:46	1
Perfluoropentanesulfonic acid (PFPeS)	0.20	U	0.20	0.10	ug/Kg		10/17/25 14:07	10/20/25 12:46	1
Perfluorohexanesulfonic acid (PFHxS)	0.20	U	0.20	0.10	ug/Kg		10/17/25 14:07	10/20/25 12:46	1
Perfluoroheptanesulfonic acid (PFHpS)	0.20	U	0.20	0.10	ug/Kg		10/17/25 14:07	10/20/25 12:46	1
Perfluorooctanesulfonic acid (PFOS)	0.20	U	0.20	0.10	ug/Kg		10/17/25 14:07	10/20/25 12:46	1
Perfluorononanesulfonic acid (PFNS)	0.20	U	0.20	0.10	ug/Kg		10/17/25 14:07	10/20/25 12:46	1
Perfluorodecanesulfonic acid (PFDS)	0.20	U	0.20	0.10	ug/Kg		10/17/25 14:07	10/20/25 12:46	1

Method: 1633A - Per- and Polyfluoroalkyl Substances by LC/MS/MS, 1633A (Continued)

Lab Sample ID: MB 410-715830/1-A
Matrix: Solid
Analysis Batch: 716362

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 715830

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Perfluorododecanesulfonic acid (PFDoS)	0.20	U	0.20	0.10	ug/Kg		10/17/25 14:07	10/20/25 12:46	1
1H,1H,2H,2H-Perfluorohexane sulfonic acid (4:2 FTS)	0.40	U	0.40	0.20	ug/Kg		10/17/25 14:07	10/20/25 12:46	1
1H,1H,2H,2H-Perfluorooctane sulfonic acid (6:2 FTS)	0.40	U	0.40	0.20	ug/Kg		10/17/25 14:07	10/20/25 12:46	1
1H,1H,2H,2H-Perfluorodecane sulfonic acid (8:2 FTS)	0.40	U	0.40	0.20	ug/Kg		10/17/25 14:07	10/20/25 12:46	1
Perfluorooctanesulfonamide (PFOSA)	0.20	U	0.20	0.10	ug/Kg		10/17/25 14:07	10/20/25 12:46	1
N-methylperfluorooctane sulfonamide (NMeFOSA)	0.20	U	0.20	0.10	ug/Kg		10/17/25 14:07	10/20/25 12:46	1
N-ethylperfluorooctane sulfonamide (NEtFOSA)	0.20	U	0.20	0.10	ug/Kg		10/17/25 14:07	10/20/25 12:46	1
N-methylperfluorooctanesulfonamidoacetic acid (NMeFOSAA)	0.20	U	0.20	0.10	ug/Kg		10/17/25 14:07	10/20/25 12:46	1
N-ethylperfluorooctanesulfonamidoacetic acid (NEtFOSAA)	0.20	U	0.20	0.10	ug/Kg		10/17/25 14:07	10/20/25 12:46	1
N-methylperfluorooctane sulfonamidoethanol (NMeFOSE)	1.00	U	1.00	0.50	ug/Kg		10/17/25 14:07	10/20/25 12:46	1
N-ethylperfluorooctane sulfonamidoethanol (NEtFOSE)	1.00	U	1.00	0.50	ug/Kg		10/17/25 14:07	10/20/25 12:46	1
Hexafluoropropylene Oxide Dimer Acid (HFPO-DA)	0.20	U	0.20	0.10	ug/Kg		10/17/25 14:07	10/20/25 12:46	1
4,8-Dioxa-3H-perfluorononanoic acid (ADONA)	0.20	U	0.20	0.10	ug/Kg		10/17/25 14:07	10/20/25 12:46	1
Perfluoro-3-methoxypropanoic acid (PFMPA)	0.20	U	0.20	0.10	ug/Kg		10/17/25 14:07	10/20/25 12:46	1
Perfluoro-4-methoxybutanoic acid (PFMBA)	0.20	U	0.20	0.10	ug/Kg		10/17/25 14:07	10/20/25 12:46	1
Nonafluoro-3,6-dioxaheptanoic acid (NFDHA)	0.20	U	0.20	0.10	ug/Kg		10/17/25 14:07	10/20/25 12:46	1
9-Chlorohexadecafluoro-3-oxanonane-1-sulfonic acid (9Cl-PF3ONS)	0.20	U	0.20	0.10	ug/Kg		10/17/25 14:07	10/20/25 12:46	1
11-Chloroeicosafluoro-3-oxaundecane-1-sulfonic acid (11Cl-PF3OUdS)	0.20	U	0.20	0.10	ug/Kg		10/17/25 14:07	10/20/25 12:46	1
Perfluoro (2-ethoxyethane) sulfonic acid (PFEESA)	0.20	U	0.20	0.10	ug/Kg		10/17/25 14:07	10/20/25 12:46	1
3-Perfluoropropylpropanoic acid (3:3 FTCA)	0.40	U	0.40	0.20	ug/Kg		10/17/25 14:07	10/20/25 12:46	1
3-Perfluoropentylpropanoic acid (5:3 FTCA)	1.00	U	1.00	0.50	ug/Kg		10/17/25 14:07	10/20/25 12:46	1
3-Perfluoroheptylpropanoic acid (7:3 FTCA)	1.00	U	1.00	0.50	ug/Kg		10/17/25 14:07	10/20/25 12:46	1

Isotope Dilution	*MB %Recovery*	*MB Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
13C4 PFBA	*82.5*		*8 - 130*	*10/17/25 14:07*	*10/20/25 12:46*	*1*
13C5 PFPeA	*101*		*35 - 130*	*10/17/25 14:07*	*10/20/25 12:46*	*1*
13C5 PFHxA	*85.5*		*40 - 130*	*10/17/25 14:07*	*10/20/25 12:46*	*1*
13C4 PFHpA	*98.9*		*40 - 130*	*10/17/25 14:07*	*10/20/25 12:46*	*1*
13C8 PFOA	*86.7*		*40 - 130*	*10/17/25 14:07*	*10/20/25 12:46*	*1*
13C9 PFNA	*93.6*		*40 - 130*	*10/17/25 14:07*	*10/20/25 12:46*	*1*
13C6 PFDA	*88.6*		*40 - 130*	*10/17/25 14:07*	*10/20/25 12:46*	*1*
13C7 PFUnA	*87.0*		*40 - 130*	*10/17/25 14:07*	*10/20/25 12:46*	*1*
13C2 PFTeDA	*76.9*		*20 - 130*	*10/17/25 14:07*	*10/20/25 12:46*	*1*

Method: 1633A - Per- and Polyfluoroalkyl Substances by LC/MS/MS, 1633A (Continued)

Lab Sample ID: MB 410-715830/1-A
Matrix: Solid
Analysis Batch: 716362

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 715830

Isotope Dilution	MB %Recovery	MB Qualifier	Limits	Prepared	Analyzed	Dil Fac
13C3 PFBS	81.8		40 - 135	10/17/25 14:07	10/20/25 12:46	1
13C3 PFHxS	91.4		40 - 130	10/17/25 14:07	10/20/25 12:46	1
13C8 PFOS	93.5		40 - 130	10/17/25 14:07	10/20/25 12:46	1
13C8 FOSA	97.1		40 - 130	10/17/25 14:07	10/20/25 12:46	1
d3-NMeFOSAA	79.6		40 - 135	10/17/25 14:07	10/20/25 12:46	1
d5-NEtFOSAA	79.4		40 - 150	10/17/25 14:07	10/20/25 12:46	1
13C2 4:2 FTS	82.7		40 - 165	10/17/25 14:07	10/20/25 12:46	1
13C2 6:2 FTS	81.9		40 - 215	10/17/25 14:07	10/20/25 12:46	1
13C2 8:2 FTS	89.1		40 - 275	10/17/25 14:07	10/20/25 12:46	1
13C3 HFPO-DA	81.5		40 - 130	10/17/25 14:07	10/20/25 12:46	1
d7-N-MeFOSE-M	65.6		20 - 130	10/17/25 14:07	10/20/25 12:46	1
d9-N-EtFOSE-M	52.8		15 - 130	10/17/25 14:07	10/20/25 12:46	1
d5-NEtPFOSA	71.1		10 - 130	10/17/25 14:07	10/20/25 12:46	1
d3-NMePFOSA	76.7		10 - 130	10/17/25 14:07	10/20/25 12:46	1
13C2 PFDoA	84.2		40 - 130	10/17/25 14:07	10/20/25 12:46	1

Lab Sample ID: LCS 410-715830/2-A
Matrix: Solid
Analysis Batch: 716362

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 715830

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
Perfluorobutanoic acid (PFBA)	5.00	4.896		ug/Kg		98	70 - 140
Perfluoropentanoic acid (PFPeA)	2.50	2.112		ug/Kg		84	60 - 150
Perfluorohexanoic acid (PFHxA)	2.50	2.565		ug/Kg		103	65 - 140
Perfluoroheptanoic acid (PFHpA)	2.50	2.327		ug/Kg		93	65 - 145
Perfluorooctanoic acid (PFOA)	2.50	2.525		ug/Kg		101	70 - 150
Perfluorononanoic acid (PFNA)	2.50	2.222		ug/Kg		89	70 - 155
Perfluorodecanoic acid (PFDA)	2.50	2.228		ug/Kg		89	70 - 155
Perfluoroundecanoic acid (PFUnA)	2.50	2.473		ug/Kg		99	70 - 155
Perfluorododecanoic acid (PFDoA)	2.50	2.396		ug/Kg		96	70 - 150
Perfluorotridecanoic acid (PFTrDA)	2.50	2.293		ug/Kg		92	65 - 150
Perfluorotetradecanoic acid (PFTeDA)	2.50	2.297		ug/Kg		92	65 - 150
Perfluorobutanesulfonic acid (PFBS)	2.22	1.661		ug/Kg		75	65 - 145
Perfluoropentanesulfonic acid (PFPeS)	2.35	2.194		ug/Kg		93	55 - 160
Perfluorohexanesulfonic acid (PFHxS)	2.28	1.832		ug/Kg		80	60 - 150
Perfluoroheptanesulfonic acid (PFHpS)	2.39	1.937		ug/Kg		81	65 - 155
Perfluorooctanesulfonic acid (PFOS)	2.33	1.914		ug/Kg		82	65 - 160
Perfluorononanesulfonic acid (PFNS)	2.41	1.771		ug/Kg		74	55 - 140
Perfluorodecanesulfonic acid (PFDS)	2.41	1.963		ug/Kg		81	40 - 155
Perfluorododecanesulfonic acid (PFDoS)	2.43	1.935		ug/Kg		80	25 - 160

Method: 1633A - Per- and Polyfluoroalkyl Substances by LC/MS/MS, 1633A (Continued)

Lab Sample ID: LCS 410-715830/2-A
Matrix: Solid
Analysis Batch: 716362

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 715830

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
1H,1H,2H,2H-Perfluorohexane sulfonic acid (4:2 FTS)	4.69	4.414		ug/Kg		94	60 - 150
1H,1H,2H,2H-Perfluorooctane sulfonic acid (6:2 FTS)	4.76	4.659		ug/Kg		98	55 - 200
1H,1H,2H,2H-Perfluorodecane sulfonic acid (8:2 FTS)	4.80	4.551		ug/Kg		95	70 - 150
Perfluorooctanesulfonamide (PFOSA)	2.50	2.359		ug/Kg		94	70 - 140
N-methylperfluorooctane sulfonamide (NMeFOSA)	2.50	2.291		ug/Kg		92	70 - 155
N-ethylperfluorooctane sulfonamide (NEtFOSA)	2.50	2.346		ug/Kg		94	70 - 140
N-methylperfluorooctanesulfonamidoacetic acid (NMeFOSAA)	2.50	2.362		ug/Kg		94	65 - 155
N-ethylperfluorooctanesulfonamidoacetic acid (NEtFOSAA)	2.50	2.493		ug/Kg		100	65 - 165
N-methylperfluorooctane sulfonamidoethanol (NMeFOSE)	12.5	11.54		ug/Kg		92	70 - 140
N-ethylperfluorooctane sulfonamidoethanol (NEtFOSE)	12.5	11.27		ug/Kg		90	70 - 135
Hexafluoropropylene Oxide Dimer Acid (HFPO-DA)	1.88	1.853		ug/Kg		99	70 - 145
4,8-Dioxa-3H-perfluorononanoic acid (ADONA)	2.37	2.406		ug/Kg		102	70 - 160
Perfluoro-3-methoxypropanoic acid (PFMPA)	2.50	2.528		ug/Kg		101	30 - 140
Perfluoro-4-methoxybutanoic acid (PFMBA)	2.50	2.184		ug/Kg		87	60 - 150
Nonafluoro-3,6-dioxaheptanoic acid (NFDHA)	2.50	2.495		ug/Kg		100	60 - 155
9-Chlorohexadecafluoro-3-oxanonane-1-sulfonic acid (9Cl-PF3ONS)	2.34	1.845		ug/Kg		79	70 - 150
11-Chloroeicosafluoro-3-oxaundecane-1-sulfonic acid (11Cl-PF3OUdS)	2.36	1.876		ug/Kg		79	45 - 160
Perfluoro (2-ethoxyethane) sulfonic acid (PFEESA)	2.23	2.157		ug/Kg		97	70 - 140
3-Perfluoropropylpropanoic acid (3:3 FTCA)	5.00	4.327		ug/Kg		87	45 - 130
3-Perfluoropentylpropanoic acid (5:3 FTCA)	12.5	11.51		ug/Kg		92	60 - 130
3-Perfluoroheptylpropanoic acid (7:3 FTCA)	12.5	12.62		ug/Kg		101	60 - 150

Isotope Dilution	*LCS %Recovery*	*LCS Qualifier*	*Limits*
13C4 PFBA	*86.7*		*8 - 130*
13C5 PFPeA	*106*		*35 - 130*
13C5 PFHxA	*88.7*		*40 - 130*
13C4 PFHpA	*101*		*40 - 130*
13C8 PFOA	*88.1*		*40 - 130*
13C9 PFNA	*100*		*40 - 130*
13C6 PFDA	*90.2*		*40 - 130*
13C7 PFUnA	*90.4*		*40 - 130*

Method: 1633A - Per- and Polyfluoroalkyl Substances by LC/MS/MS, 1633A (Continued)

Lab Sample ID: LCS 410-715830/2-A
Matrix: Solid
Analysis Batch: 716362

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 715830

Isotope Dilution	LCS %Recovery	LCS Qualifier	Limits
13C2 PFTeDA	84.9		20 - 130
13C3 PFBS	85.9		40 - 135
13C3 PFHxS	95.5		40 - 130
13C8 PFOS	105		40 - 130
13C8 FOSA	99.2		40 - 130
d3-NMeFOSAA	85.8		40 - 135
d5-NEtFOSAA	84.7		40 - 150
13C2 4:2 FTS	81.8		40 - 165
13C2 6:2 FTS	83.1		40 - 215
13C2 8:2 FTS	90.1		40 - 275
13C3 HFPO-DA	89.1		40 - 130
d7-N-MeFOSE-M	66.9		20 - 130
d9-N-EtFOSE-M	55.1		15 - 130
d5-NEtPFOSA	75.2		10 - 130
d3-NMePFOSA	84.9		10 - 130
13C2 PFDoA	87.0		40 - 130

Lab Sample ID: LCSD 410-715830/3-A
Matrix: Solid
Analysis Batch: 716362

Client Sample ID: Lab Control Sample Dup
Prep Type: Total/NA
Prep Batch: 715830

Analyte			Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Perfluorobutanoic acid (PFBA)			5.00	5.011		ug/Kg		100	70 - 140	2	30
Perfluoropentanoic acid (PFPeA)			2.50	2.164		ug/Kg		87	60 - 150	2	30
Perfluorohexanoic acid (PFHxA)			2.50	2.534		ug/Kg		101	65 - 140	1	30
Perfluoroheptanoic acid (PFHpA)			2.50	2.403		ug/Kg		96	65 - 145	3	30
Perfluorooctanoic acid (PFOA)			2.50	2.617		ug/Kg		105	70 - 150	4	30
Perfluorononanoic acid (PFNA)			2.50	2.350		ug/Kg		94	70 - 155	6	30
Perfluorodecanoic acid (PFDA)			2.50	2.257		ug/Kg		90	70 - 155	1	30
Perfluoroundecanoic acid (PFUnA)			2.50	2.372		ug/Kg		95	70 - 155	4	30
Perfluorododecanoic acid (PFDoA)			2.50	2.428		ug/Kg		97	70 - 150	1	30
Perfluorotridecanoic acid (PFTrDA)			2.50	2.429		ug/Kg		97	65 - 150	6	30
Perfluorotetradecanoic acid (PFTeDA)			2.50	2.460		ug/Kg		98	65 - 150	7	30
Perfluorobutanesulfonic acid (PFBS)			2.22	1.635		ug/Kg		74	65 - 145	2	30
Perfluoropentanesulfonic acid (PFPeS)			2.35	2.188		ug/Kg		93	55 - 160	0	30
Perfluorohexanesulfonic acid (PFHxS)			2.28	1.887		ug/Kg		83	60 - 150	3	30
Perfluoroheptanesulfonic acid (PFHpS)			2.39	1.981		ug/Kg		83	65 - 155	2	30
Perfluorooctanesulfonic acid (PFOS)			2.33	1.911		ug/Kg		82	65 - 160	0	30
Perfluorononanesulfonic acid (PFNS)			2.41	1.837		ug/Kg		76	55 - 140	4	30
Perfluorodecanesulfonic acid (PFDS)			2.41	2.052		ug/Kg		85	40 - 155	4	30

Method: 1633A - Per- and Polyfluoroalkyl Substances by LC/MS/MS, 1633A (Continued)

Lab Sample ID: LCSD 410-715830/3-A
Matrix: Solid
Analysis Batch: 716362

Client Sample ID: Lab Control Sample Dup
Prep Type: Total/NA
Prep Batch: 715830

Analyte			Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Perfluorododecanesulfonic acid (PFDoS)			2.43	2.082		ug/Kg		86	25 - 160	7	30
1H,1H,2H,2H-Perfluorohexane sulfonic acid (4:2 FTS)			4.69	5.227		ug/Kg		111	60 - 150	17	30
1H,1H,2H,2H-Perfluorooctane sulfonic acid (6:2 FTS)			4.76	5.099		ug/Kg		107	55 - 200	9	30
1H,1H,2H,2H-Perfluorodecane sulfonic acid (8:2 FTS)			4.80	5.133		ug/Kg		107	70 - 150	12	30
Perfluorooctanesulfonamide (PFOSA)			2.50	2.485		ug/Kg		99	70 - 140	5	30
N-methylperfluorooctane sulfonamide (NMeFOSA)			2.50	2.353		ug/Kg		94	70 - 155	3	30
N-ethylperfluorooctane sulfonamide (NEtFOSA)			2.50	2.303		ug/Kg		92	70 - 140	2	30
N-methylperfluorooctanesulfonamidoacetic acid (NMeFOSAA)			2.50	2.374		ug/Kg		95	65 - 155	0	30
N-ethylperfluorooctanesulfonamidoacetic acid (NEtFOSAA)			2.50	2.653		ug/Kg		106	65 - 165	6	30
N-methylperfluorooctane sulfonamidoethanol (NMeFOSE)			12.5	11.65		ug/Kg		93	70 - 140	1	30
N-ethylperfluorooctane sulfonamidoethanol (NEtFOSE)			12.5	12.20		ug/Kg		98	70 - 135	8	30
Hexafluoropropylene Oxide Dimer Acid (HFPO-DA)			1.88	1.791		ug/Kg		96	70 - 145	3	30
4,8-Dioxa-3H-perfluorononanoic acid (ADONA)			2.37	2.438		ug/Kg		103	70 - 160	1	30
Perfluoro-3-methoxypropanoic acid (PFMPA)			2.50	2.479		ug/Kg		99	30 - 140	2	30
Perfluoro-4-methoxybutanoic acid (PFMBA)			2.50	2.128		ug/Kg		85	60 - 150	3	30
Nonafluoro-3,6-dioxaheptanoic acid (NFDHA)			2.50	2.343		ug/Kg		94	60 - 155	6	30
9-Chlorohexadecafluoro-3-oxanonane-1-sulfonic acid (9Cl-PF3ONS)			2.34	1.864		ug/Kg		80	70 - 150	1	30
11-Chloroeicosafluoro-3-oxaundecane-1-sulfonic acid (11Cl-PF3OUdS)			2.36	1.979		ug/Kg		84	45 - 160	5	30
Perfluoro (2-ethoxyethane) sulfonic acid (PFEESA)			2.23	2.175		ug/Kg		98	70 - 140	1	30
3-Perfluoropropylpropanoic acid (3:3 FTCA)			5.00	4.244		ug/Kg		85	45 - 130	2	30
3-Perfluoropentylpropanoic acid (5:3 FTCA)			12.5	11.84		ug/Kg		95	60 - 130	3	30
3-Perfluoroheptylpropanoic acid (7:3 FTCA)			12.5	13.06		ug/Kg		105	60 - 150	3	30

Isotope Dilution	*LCSD %Recovery*	*LCSD Qualifier*	*Limits*
13C4 PFBA	*85.3*		*8 - 130*
13C5 PFPeA	*106*		*35 - 130*
13C5 PFHxA	*89.2*		*40 - 130*
13C4 PFHpA	*101*		*40 - 130*
13C8 PFOA	*88.0*		*40 - 130*
13C9 PFNA	*101*		*40 - 130*

Method: 1633A - Per- and Polyfluoroalkyl Substances by LC/MS/MS, 1633A (Continued)

Lab Sample ID: LCSD 410-715830/3-A
Matrix: Solid
Analysis Batch: 716362

Client Sample ID: Lab Control Sample Dup
Prep Type: Total/NA
Prep Batch: 715830

Isotope Dilution	*LCSD %Recovery*	*LCSD Qualifier*	*Limits*
13C6 PFDA	*93.9*		*40 - 130*
13C7 PFUnA	*97.3*		*40 - 130*
13C2 PFTeDA	*87.7*		*20 - 130*
13C3 PFBS	*87.9*		*40 - 135*
13C3 PFHxS	*99.3*		*40 - 130*
13C8 PFOS	*110*		*40 - 130*
13C8 FOSA	*101*		*40 - 130*
d3-NMeFOSAA	*91.5*		*40 - 135*
d5-NEtFOSAA	*87.9*		*40 - 150*
13C2 4:2 FTS	*77.3*		*40 - 165*
13C2 6:2 FTS	*81.3*		*40 - 215*
13C2 8:2 FTS	*88.1*		*40 - 275*
13C3 HFPO-DA	*90.0*		*40 - 130*
d7-N-MeFOSE-M	*71.6*		*20 - 130*
d9-N-EtFOSE-M	*59.2*		*15 - 130*
d5-NEtPFOSA	*89.4*		*10 - 130*
d3-NMePFOSA	*96.1*		*10 - 130*
13C2 PFDoA	*94.5*		*40 - 130*

Lab Sample ID: LLCS 410-715830/4-A
Matrix: Solid
Analysis Batch: 716362

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 715830

Analyte	Spike Added	LLCS Result	LLCS Qualifier	Unit	D	%Rec	%Rec Limits
Perfluorobutanoic acid (PFBA)	0.500	0.491		ug/Kg		98	70 - 140
Perfluoropentanoic acid (PFPeA)	0.250	0.211		ug/Kg		84	60 - 150
Perfluorohexanoic acid (PFHxA)	0.250	0.258		ug/Kg		103	65 - 140
Perfluoroheptanoic acid (PFHpA)	0.250	0.243		ug/Kg		97	65 - 145
Perfluorooctanoic acid (PFOA)	0.250	0.314		ug/Kg		126	70 - 150
Perfluorononanoic acid (PFNA)	0.250	0.246		ug/Kg		99	70 - 155
Perfluorodecanoic acid (PFDA)	0.250	0.240		ug/Kg		96	70 - 155
Perfluoroundecanoic acid (PFUnA)	0.250	0.253		ug/Kg		101	70 - 155
Perfluorododecanoic acid (PFDoA)	0.250	0.228		ug/Kg		91	70 - 150
Perfluorotridecanoic acid (PFTrDA)	0.250	0.258		ug/Kg		103	65 - 150
Perfluorotetradecanoic acid (PFTeDA)	0.250	0.246		ug/Kg		99	65 - 150
Perfluorobutanesulfonic acid (PFBS)	0.222	0.144	J	ug/Kg		65	65 - 145
Perfluoropentanesulfonic acid (PFPeS)	0.235	0.221		ug/Kg		94	55 - 160
Perfluorohexanesulfonic acid (PFHxS)	0.228	0.185	J	ug/Kg		81	60 - 150
Perfluoroheptanesulfonic acid (PFHpS)	0.239	0.196	J	ug/Kg		82	65 - 155
Perfluorooctanesulfonic acid (PFOS)	0.233	0.208		ug/Kg		89	65 - 160
Perfluorononanesulfonic acid (PFNS)	0.241	0.168	J	ug/Kg		70	55 - 140

Method: 1633A - Per- and Polyfluoroalkyl Substances by LC/MS/MS, 1633A (Continued)

Lab Sample ID: LLCS 410-715830/4-A
Matrix: Solid
Analysis Batch: 716362

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 715830

Analyte	Spike Added	LLCS Result	LLCS Qualifier	Unit	D	%Rec	%Rec Limits
Perfluorodecanesulfonic acid (PFDS)	0.241	0.195	J	ug/Kg		81	40 - 155
Perfluorododecanesulfonic acid (PFDoS)	0.243	0.191	J	ug/Kg		79	25 - 160
1H,1H,2H,2H-Perfluorohexane sulfonic acid (4:2 FTS)	0.469	0.506		ug/Kg		108	60 - 150
1H,1H,2H,2H-Perfluorooctane sulfonic acid (6:2 FTS)	0.476	0.502		ug/Kg		106	55 - 200
1H,1H,2H,2H-Perfluorodecane sulfonic acid (8:2 FTS)	0.480	0.456		ug/Kg		95	70 - 150
Perfluorooctanesulfonamide (PFOSA)	0.250	0.281		ug/Kg		113	70 - 140
N-methylperfluorooctane sulfonamide (NMeFOSA)	0.250	0.249		ug/Kg		100	70 - 155
N-ethylperfluorooctane sulfonamide (NEtFOSA)	0.250	0.244		ug/Kg		98	70 - 140
N-methylperfluorooctanesulfonamidoacetic acid (NMeFOSAA)	0.250	0.208		ug/Kg		83	65 - 155
N-ethylperfluorooctanesulfonamidoacetic acid (NEtFOSAA)	0.250	0.278		ug/Kg		111	65 - 165
N-methylperfluorooctane sulfonamidoethanol (NMeFOSE)	1.25	1.303		ug/Kg		104	70 - 140
N-ethylperfluorooctane sulfonamidoethanol (NEtFOSE)	1.25	1.260		ug/Kg		101	70 - 135
Hexafluoropropylene Oxide Dimer Acid (HFPO-DA)	0.188	0.189	J	ug/Kg		101	70 - 145
4,8-Dioxa-3H-perfluorononanoic acid (ADONA)	0.237	0.235		ug/Kg		99	70 - 160
Perfluoro-3-methoxypropanoic acid (PFMPA)	0.250	0.244		ug/Kg		98	30 - 140
Perfluoro-4-methoxybutanoic acid (PFMBA)	0.250	0.191	J	ug/Kg		76	60 - 150
Nonafluoro-3,6-dioxaheptanoic acid (NFDHA)	0.250	0.248		ug/Kg		99	60 - 155
9-Chlorohexadecafluoro-3-oxanonane-1-sulfonic acid (9Cl-PF3ONS)	0.234	0.199	J	ug/Kg		85	70 - 150
11-Chloroeicosafluoro-3-oxaundecane-1-sulfonic acid (11Cl-PF3OUdS)	0.236	0.201		ug/Kg		85	45 - 160
Perfluoro (2-ethoxyethane) sulfonic acid (PFEESA)	0.223	0.198	J	ug/Kg		89	70 - 140
3-Perfluoropropylpropanoic acid (3:3 FTCA)	0.500	0.362	J	ug/Kg		72	45 - 130
3-Perfluoropentylpropanoic acid (5:3 FTCA)	1.25	1.226		ug/Kg		98	60 - 130
3-Perfluoroheptylpropanoic acid (7:3 FTCA)	1.25	1.369		ug/Kg		110	60 - 150

Isotope Dilution	*LLCS %Recovery*	*LLCS Qualifier*	*Limits*
13C4 PFBA	*79.3*		*8 - 130*
13C5 PFPeA	*95.6*		*35 - 130*
13C5 PFHxA	*80.6*		*40 - 130*
13C4 PFHpA	*93.8*		*40 - 130*
13C8 PFOA	*81.6*		*40 - 130*

Method: 1633A - Per- and Polyfluoroalkyl Substances by LC/MS/MS, 1633A (Continued)

Lab Sample ID: LLCS 410-715830/4-A
Matrix: Solid
Analysis Batch: 716362

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 715830

Isotope Dilution	LLCS %Recovery	LLCS Qualifier	Limits
13C9 PFNA	93.8		40 - 130
13C6 PFDA	83.9		40 - 130
13C7 PFUnA	78.8		40 - 130
13C2 PFTeDA	70.3		20 - 130
13C3 PFBS	81.4		40 - 135
13C3 PFHxS	90.9		40 - 130
13C8 PFOS	98.8		40 - 130
13C8 FOSA	90.4		40 - 130
d3-NMeFOSAA	76.1		40 - 135
d5-NEtFOSAA	71.8		40 - 150
13C2 4:2 FTS	75.7		40 - 165
13C2 6:2 FTS	78.4		40 - 215
13C2 8:2 FTS	80.7		40 - 275
13C3 HFPO-DA	84.2		40 - 130
d7-N-MeFOSE-M	56.6		20 - 130
d9-N-EtFOSE-M	44.4		15 - 130
d5-NEtPFOSA	67.5		10 - 130
d3-NMePFOSA	73.0		10 - 130
13C2 PFDoA	79.8		40 - 130

Method: 6020B - Metals (ICP/MS)

Lab Sample ID: MB 460-1069167/1-A
Matrix: Solid
Analysis Batch: 1069289

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 1069167

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Aluminum	20.0	U	20.0	5.5	mg/Kg		10/17/25 20:20	10/18/25 17:42	1
Antimony	1.0	U	1.0	0.15	mg/Kg		10/17/25 20:20	10/18/25 17:42	1
Arsenic	1.0	U	1.0	0.10	mg/Kg		10/17/25 20:20	10/18/25 17:42	1
Barium	2.0	U	2.0	0.15	mg/Kg		10/17/25 20:20	10/18/25 17:42	1
Beryllium	0.40	U	0.40	0.022	mg/Kg		10/17/25 20:20	10/18/25 17:42	1
Cadmium	1.0	U	1.0	0.11	mg/Kg		10/17/25 20:20	10/18/25 17:42	1
Calcium	100	U	100	9.7	mg/Kg		10/17/25 20:20	10/18/25 17:42	1
Chromium	2.0	U	2.0	0.30	mg/Kg		10/17/25 20:20	10/18/25 17:42	1
Cobalt	1.0	U	1.0	0.15	mg/Kg		10/17/25 20:20	10/18/25 17:42	1
Copper	2.0	U	2.0	0.37	mg/Kg		10/17/25 20:20	10/18/25 17:42	1
Iron	60.0	U	60.0	7.7	mg/Kg		10/17/25 20:20	10/18/25 17:42	1
Lead	0.60	U	0.60	0.20	mg/Kg		10/17/25 20:20	10/18/25 17:42	1
Magnesium	100	U	100	10.2	mg/Kg		10/17/25 20:20	10/18/25 17:42	1
Manganese	4.0	U	4.0	0.40	mg/Kg		10/17/25 20:20	10/18/25 17:42	1
Nickel	2.0	U	2.0	0.18	mg/Kg		10/17/25 20:20	10/18/25 17:42	1
Potassium	100	U	100	16.2	mg/Kg		10/17/25 20:20	10/18/25 17:42	1
Selenium	1.3	U	1.3	0.13	mg/Kg		10/17/25 20:20	10/18/25 17:42	1
Silver	0.40	U	0.40	0.089	mg/Kg		10/17/25 20:20	10/18/25 17:42	1
Sodium	100	U	100	45.7	mg/Kg		10/17/25 20:20	10/18/25 17:42	1
Thallium	0.40	U	0.40	0.041	mg/Kg		10/17/25 20:20	10/18/25 17:42	1
Vanadium	2.0	U	2.0	0.21	mg/Kg		10/17/25 20:20	10/18/25 17:42	1
Zinc	8.0	U	8.0	1.1	mg/Kg		10/17/25 20:20	10/18/25 17:42	1

Method: 6020B - Metals (ICP/MS) (Continued)

Lab Sample ID: LCSSRM 460-1069167/2-A
Matrix: Solid
Analysis Batch: 1069289

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 1069167

Analyte	Spike Added	LCSSRM Result	LCSSRM Qualifier	Unit	D	%Rec	%Rec Limits
Aluminum	6840	5437		mg/Kg		79.5	53.2 - 146.2
Antimony	131	73.90		mg/Kg		56.4	4.5 - 195.4
Arsenic	192	170.9		mg/Kg		89.0	81.3 - 118.8
Barium	219	206.4		mg/Kg		94.3	81.7 - 118.3
Beryllium	146	125.5		mg/Kg		86.0	82.2 - 117.8
Cadmium	114	99.69		mg/Kg		87.4	81.7 - 118.4
Calcium	4080	3850		mg/Kg		94.4	82.4 - 117.6
Chromium	153	140.6		mg/Kg		91.9	81.0 - 119.0
Cobalt	231	217.6		mg/Kg		94.2	83.1 - 117.3
Copper	91.2	82.57		mg/Kg		90.5	83.1 - 117.3
Iron	7020	5431		mg/Kg		77.4	60.7 - 139.2
Lead	141	122.7		mg/Kg		87.1	81.6 - 118.4
Magnesium	1900	1616		mg/Kg		85.1	76.3 - 123.7
Manganese	401	399.1		mg/Kg		99.5	80.8 - 119.0
Nickel	143	136.3		mg/Kg		95.3	81.8 - 118.9
Potassium	1760	1487		mg/Kg		84.5	72.2 - 127.8
Selenium	94.7	85.03		mg/Kg		89.8	78.5 - 121.4
Silver	77.0	66.16		mg/Kg		85.9	79.4 - 120.6
Sodium	661	646.0		mg/Kg		97.7	73.7 - 126.2
Thallium	183	162.5		mg/Kg		88.8	80.3 - 119.7
Vanadium	159	141.2		mg/Kg		88.8	78.6 - 122.0
Zinc	292	270.5		mg/Kg		92.6	79.8 - 120.2

Lab Sample ID: 460-337034-A-7-F MS
Matrix: Solid
Analysis Batch: 1069289

Client Sample ID: Matrix Spike
Prep Type: Total/NA
Prep Batch: 1069167

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec Limits
Aluminum	4420		409	5892	4	mg/Kg	☼	361	75 - 125
Antimony	0.84		4.09	4.75		mg/Kg	☼	96	75 - 125
Arsenic	6.4		8.17	13.79		mg/Kg	☼	90	75 - 125
Barium	21.1		8.17	32.90	N	mg/Kg	☼	144	75 - 125
Beryllium	0.40		4.09	4.11		mg/Kg	☼	91	75 - 125

Method: 6020B - Metals (ICP/MS) (Continued)

Lab Sample ID: 460-337034-A-7-F MS
Matrix: Solid
Analysis Batch: 1069289

Client Sample ID: Matrix Spike
Prep Type: Total/NA
Prep Batch: 1069167

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec Limits
Cadmium	0.12	J	4.09	3.81		mg/Kg	☼	91	75 - 125
Calcium	1040		409	3500	N	mg/Kg	☼	603	75 - 125
Chromium	11.2		8.17	19.53		mg/Kg	☼	102	75 - 125
Cobalt	4.6		4.09	8.29		mg/Kg	☼	90	75 - 125
Copper	21.4		8.17	30.27		mg/Kg	☼	109	75 - 125
Iron	16400		409	17870	4	mg/Kg	☼	368	75 - 125
Lead	15.3		4.09	21.04	N	mg/Kg	☼	141	75 - 125
Magnesium	1590		409	3239	N	mg/Kg	☼	403	75 - 125
Manganese	150		40.9	170.2	N	mg/Kg	☼	50	75 - 125
Nickel	6.1		8.17	13.91		mg/Kg	☼	96	75 - 125
Potassium	1440		409	2161	N	mg/Kg	☼	175	75 - 125
Selenium	0.16	J	8.17	7.56		mg/Kg	☼	91	75 - 125
Silver	0.074	J	4.09	3.72		mg/Kg	☼	89	75 - 125
Sodium	39.2	J	409	440.7		mg/Kg	☼	98	75 - 125
Thallium	0.037	J	3.27	3.10		mg/Kg	☼	94	75 - 125
Vanadium	19.6		8.17	29.21		mg/Kg	☼	117	75 - 125
Zinc	32.3		40.9	72.17		mg/Kg	☼	98	75 - 125

Lab Sample ID: 460-337034-A-7-E DU
Matrix: Solid
Analysis Batch: 1069289

Client Sample ID: Duplicate
Prep Type: Total/NA
Prep Batch: 1069167

Analyte	Sample Result	Sample Qualifier	DU Result	DU Qualifier	Unit	D	RPD	RPD Limit
Aluminum	4420		4295		mg/Kg	☼	3	20
Antimony	0.84		0.911		mg/Kg	☼	8	20
Arsenic	6.4		6.46		mg/Kg	☼	0.4	20
Barium	21.1		21.61		mg/Kg	☼	2	20
Beryllium	0.40		0.415		mg/Kg	☼	3	20
Cadmium	0.12	J	0.140	J	mg/Kg	☼	19	20
Calcium	1040		3265	*	mg/Kg	☼	104	20
Chromium	11.2		10.67		mg/Kg	☼	5	20
Cobalt	4.6		4.71		mg/Kg	☼	2	20
Copper	21.4		24.11		mg/Kg	☼	12	20
Iron	16400		16250		mg/Kg	☼	0.8	20
Lead	15.3		17.30		mg/Kg	☼	12	20
Magnesium	1590		2853	*	mg/Kg	☼	57	20
Manganese	150		149.3		mg/Kg	☼	0.4	20
Nickel	6.1		6.16		mg/Kg	☼	2	20
Potassium	1440		1486		mg/Kg	☼	3	20
Selenium	0.16	J	0.206	J	mg/Kg	☼	25	20
Silver	0.074	J	0.0881	J	mg/Kg	☼	18	20
Sodium	39.2	J	41.86	J	mg/Kg	☼	6	20
Thallium	0.037	J	0.0442	J	mg/Kg	☼	19	20
Vanadium	19.6		19.84		mg/Kg	☼	1	20
Zinc	32.3		36.07		mg/Kg	☼	11	20

Method: 6020B - Metals (ICP/MS) (Continued)

Lab Sample ID: MB 460-1069168/1-A
Matrix: Solid
Analysis Batch: 1069294

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 1069168

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Aluminum	20.0	U	20.0	5.5	mg/Kg		10/17/25 20:20	10/18/25 12:52	1
Antimony	1.0	U	1.0	0.15	mg/Kg		10/17/25 20:20	10/18/25 12:52	1
Arsenic	1.0	U	1.0	0.10	mg/Kg		10/17/25 20:20	10/18/25 12:52	1
Barium	2.0	U	2.0	0.15	mg/Kg		10/17/25 20:20	10/18/25 12:52	1
Beryllium	0.40	U	0.40	0.022	mg/Kg		10/17/25 20:20	10/18/25 12:52	1
Cadmium	1.0	U	1.0	0.11	mg/Kg		10/17/25 20:20	10/18/25 12:52	1
Calcium	100	U	100	9.7	mg/Kg		10/17/25 20:20	10/18/25 12:52	1
Chromium	2.0	U	2.0	0.30	mg/Kg		10/17/25 20:20	10/18/25 12:52	1
Cobalt	1.0	U	1.0	0.15	mg/Kg		10/17/25 20:20	10/18/25 12:52	1
Copper	2.0	U	2.0	0.37	mg/Kg		10/17/25 20:20	10/18/25 12:52	1
Iron	60.0	U	60.0	7.7	mg/Kg		10/17/25 20:20	10/18/25 12:52	1
Lead	0.60	U	0.60	0.20	mg/Kg		10/17/25 20:20	10/18/25 12:52	1
Magnesium	100	U	100	10.2	mg/Kg		10/17/25 20:20	10/18/25 12:52	1
Manganese	4.0	U	4.0	0.40	mg/Kg		10/17/25 20:20	10/18/25 12:52	1
Nickel	2.0	U	2.0	0.18	mg/Kg		10/17/25 20:20	10/18/25 12:52	1
Potassium	100	U	100	16.2	mg/Kg		10/17/25 20:20	10/18/25 12:52	1
Selenium	1.3	U	1.3	0.13	mg/Kg		10/17/25 20:20	10/18/25 12:52	1
Silver	0.40	U	0.40	0.089	mg/Kg		10/17/25 20:20	10/18/25 12:52	1
Sodium	100	U	100	45.7	mg/Kg		10/17/25 20:20	10/18/25 12:52	1
Thallium	0.40	U	0.40	0.041	mg/Kg		10/17/25 20:20	10/18/25 12:52	1
Vanadium	2.0	U	2.0	0.21	mg/Kg		10/17/25 20:20	10/18/25 12:52	1
Zinc	8.0	U	8.0	1.1	mg/Kg		10/17/25 20:20	10/18/25 12:52	1

Lab Sample ID: LCSSRM 460-1069168/2-A
Matrix: Solid
Analysis Batch: 1069294

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 1069168

Analyte	Spike Added	LCSSRM Result	LCSSRM Qualifier	Unit	D	%Rec	%Rec Limits
Aluminum	6840	5169		mg/Kg		75.6	53.2 - 146.2
Antimony	131	70.06		mg/Kg		53.5	4.5 - 195.4
Arsenic	192	172.8		mg/Kg		90.0	81.3 - 118.8
Barium	219	199.7		mg/Kg		91.2	81.7 - 118.3
Beryllium	146	126.0		mg/Kg		86.3	82.2 - 117.8
Cadmium	114	105.0		mg/Kg		92.1	81.7 - 118.4
Calcium	4080	3639		mg/Kg		89.2	82.4 - 117.6
Chromium	153	141.9		mg/Kg		92.7	81.0 - 119.0
Cobalt	231	217.0		mg/Kg		93.9	83.1 - 117.3
Copper	91.2	83.59		mg/Kg		91.7	83.1 - 117.3
Iron	7020	5285		mg/Kg		75.3	60.7 - 139.2
Lead	141	118.1		mg/Kg		83.8	81.6 - 118.4

Method: 6020B - Metals (ICP/MS) (Continued)

Lab Sample ID: LCSSRM 460-1069168/2-A
Matrix: Solid
Analysis Batch: 1069294

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 1069168

Analyte	Spike Added	LCSSRM Result	LCSSRM Qualifier	Unit	D	%Rec	%Rec Limits
Magnesium	1900	1574		mg/Kg		82.8	76.3 - 123.7
Manganese	401	349.2		mg/Kg		87.1	80.8 - 119.0
Nickel	143	138.3		mg/Kg		96.7	81.8 - 118.9
Potassium	1760	1424		mg/Kg		80.9	72.2 - 127.8
Selenium	94.7	84.04		mg/Kg		88.7	78.5 - 121.4
Silver	77.0	67.24		mg/Kg		87.3	79.4 - 120.6
Sodium	661	628.5		mg/Kg		95.1	73.7 - 126.2
Thallium	183	164.1		mg/Kg		89.6	80.3 - 119.7
Vanadium	159	140.7		mg/Kg		88.5	78.6 - 122.0
Zinc	292	264.2		mg/Kg		90.5	79.8 - 120.2

Lab Sample ID: 460-337134-4 MS
Matrix: Solid
Analysis Batch: 1069294

Client Sample ID: 41A_3-6
Prep Type: Total/NA
Prep Batch: 1069168

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec Limits
Aluminum	8780		430	10980	4	mg/Kg	☼	513	75 - 125
Antimony	0.94		4.30	4.73		mg/Kg	☼	88	75 - 125
Arsenic	5.7		8.60	12.79		mg/Kg	☼	83	75 - 125
Barium	50.7		8.60	58.03	4	mg/Kg	☼	86	75 - 125
Beryllium	0.59		4.30	4.39		mg/Kg	☼	88	75 - 125
Cadmium	0.14	J	4.30	3.96		mg/Kg	☼	89	75 - 125
Calcium	2110		430	2394	4	mg/Kg	☼	66	75 - 125
Chromium	16.5		8.60	26.04		mg/Kg	☼	110	75 - 125
Cobalt	7.7		4.30	11.55		mg/Kg	☼	89	75 - 125
Copper	29.0		8.60	41.26	N	mg/Kg	☼	143	75 - 125
Iron	19600		430	21840	4	mg/Kg	☼	527	75 - 125
Lead	33.9		4.30	35.68	4	mg/Kg	☼	42	75 - 125
Magnesium	3020		430	3387	4	mg/Kg	☼	86	75 - 125
Manganese	195		43.0	245.2	4	mg/Kg	☼	118	75 - 125
Nickel	14.2		8.60	22.03		mg/Kg	☼	91	75 - 125
Potassium	1120		430	1678	N	mg/Kg	☼	129	75 - 125
Selenium	0.30	J	8.60	7.46		mg/Kg	☼	83	75 - 125
Silver	0.11	J	4.30	3.97		mg/Kg	☼	90	75 - 125
Sodium	96.2		430	471.7		mg/Kg	☼	87	75 - 125
Thallium	0.12	J	3.44	3.21		mg/Kg	☼	90	75 - 125
Vanadium	26.9		8.60	41.99	N	mg/Kg	☼	176	75 - 125
Zinc	49.4		43.0	85.94		mg/Kg	☼	85	75 - 125

Method: 6020B - Metals (ICP/MS) (Continued)

Lab Sample ID: 460-337134-4 DU
Matrix: Solid
Analysis Batch: 1069294

Client Sample ID: 41A_3-6
Prep Type: Total/NA
Prep Batch: 1069168

Analyte	Sample Result	Sample Qualifier	DU Result	DU Qualifier	Unit	D	RPD	RPD Limit
Aluminum	8780		7624		mg/Kg	☼	14	20
Antimony	0.94		0.844	J	mg/Kg	☼	11	20
Arsenic	5.7		5.40		mg/Kg	☼	5	20
Barium	50.7		51.25		mg/Kg	☼	1	20
Beryllium	0.59		0.578		mg/Kg	☼	2	20
Cadmium	0.14	J	0.129	J	mg/Kg	☼	9	20
Calcium	2110		2063		mg/Kg	☼	2	20
Chromium	16.5		14.67		mg/Kg	☼	12	20
Cobalt	7.7		7.35		mg/Kg	☼	5	20
Copper	29.0		33.56		mg/Kg	☼	15	20
Iron	19600		19400		mg/Kg	☼	0.9	20
Lead	33.9		31.40		mg/Kg	☼	8	20
Magnesium	3020		2610		mg/Kg	☼	14	20
Manganese	195		202.6		mg/Kg	☼	4	20
Nickel	14.2		14.53		mg/Kg	☼	2	20
Potassium	1120		928.2		mg/Kg	☼	19	20
Selenium	0.30	J	0.312	J	mg/Kg	☼	5	20
Silver	0.11	J	0.102	J	mg/Kg	☼	11	20
Sodium	96.2		104.5		mg/Kg	☼	8	20
Thallium	0.12	J	0.0994	J	mg/Kg	☼	21	20
Vanadium	26.9		31.86		mg/Kg	☼	17	20
Zinc	49.4		50.60		mg/Kg	☼	2	20

Method: 7471B - Mercury (CVAA)

Lab Sample ID: MB 460-1069587/1-A
Matrix: Solid
Analysis Batch: 1069699

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 1069587

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	0.017	U	0.017	0.0080	mg/Kg		10/21/25 02:09	10/21/25 07:54	1

Lab Sample ID: LCSSRM 460-1069587/2-A
Matrix: Solid
Analysis Batch: 1069699

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 1069587

Analyte	Spike Added	LCSSRM Result	LCSSRM Qualifier	Unit	D	%Rec	%Rec Limits
Mercury	14.1	11.65		mg/Kg		82.6	69.6 - 130.5

Lab Sample ID: 460-336630-B-1-I MS
Matrix: Solid
Analysis Batch: 1069699

Client Sample ID: Matrix Spike
Prep Type: Total/NA
Prep Batch: 1069587

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec Limits
Mercury	0.020	U	0.100	0.0899		mg/Kg	☼	90	80 - 120

Method: 7471B - Mercury (CVAA) (Continued)

Lab Sample ID: 460-336630-B-1-H DU
Matrix: Solid
Analysis Batch: 1069699

Client Sample ID: Duplicate
Prep Type: Total/NA
Prep Batch: 1069587

Analyte	Sample Result	Sample Qualifier		DU Result	DU Qualifier	Unit	D			RPD	RPD Limit
Mercury	0.020	U		0.020	U	mg/Kg	☼			NC	20

Method: Moisture - Percent Moisture

Lab Sample ID: 460-337134-4 DU
Matrix: Solid
Analysis Batch: 1068827

Client Sample ID: 41A_3-6
Prep Type: Total/NA

Analyte	Sample Result	Sample Qualifier		DU Result	DU Qualifier	Unit	D			RPD	RPD Limit
Percent Moisture	13.8			10.8	*	%				25	20
Percent Solids	86.2			89.2		%				3	20

Lab Sample ID: 460-337134-14 DU
Matrix: Solid
Analysis Batch: 1068827

Client Sample ID: 41A3_2-3
Prep Type: Total/NA

Analyte	Sample Result	Sample Qualifier		DU Result	DU Qualifier	Unit	D			RPD	RPD Limit
Percent Moisture	14.3			14.0		%				2	20
Percent Solids	85.7			86.0		%				0.3	20

GC/MS VOA

Prep Batch: 1068440

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
460-337134-5	20A1_4-5	Total/NA	Solid	5035	
460-337134-6	20A2_1-2	Total/NA	Solid	5035	
460-337134-7	20A3_2-3	Total/NA	Solid	5035	
460-337134-8	20A1_5-6	Total/NA	Solid	5035	
460-337134-9	20A2_6-7	Total/NA	Solid	5035	
460-337134-10	20A3_7-8	Total/NA	Solid	5035	
460-337134-11	20A1_3-4	Total/NA	Solid	5035	
460-337134-12	41A1_5-6	Total/NA	Solid	5035	
460-337134-13	41A2_1-2	Total/NA	Solid	5035	
460-337134-14	41A3_2-3	Total/NA	Solid	5035	
460-337134-15	41A4_3-4	Total/NA	Solid	5035	
460-337134-16	41A5_4-5	Total/NA	Solid	5035	
460-337134-17	41A6_5-6	Total/NA	Solid	5035	
460-337134-18	41A7_2-3	Total/NA	Solid	5035	

Analysis Batch: 1068561

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
460-337134-5	20A1_4-5	Total/NA	Solid	8260D	1068440
460-337134-6	20A2_1-2	Total/NA	Solid	8260D	1068440
460-337134-7	20A3_2-3	Total/NA	Solid	8260D	1068440
460-337134-8	20A1_5-6	Total/NA	Solid	8260D	1068440
460-337134-9	20A2_6-7	Total/NA	Solid	8260D	1068440
460-337134-10	20A3_7-8	Total/NA	Solid	8260D	1068440
460-337134-11	20A1_3-4	Total/NA	Solid	8260D	1068440
460-337134-12	41A1_5-6	Total/NA	Solid	8260D	1068440
460-337134-14	41A3_2-3	Total/NA	Solid	8260D	1068440
460-337134-15	41A4_3-4	Total/NA	Solid	8260D	1068440
460-337134-16	41A5_4-5	Total/NA	Solid	8260D	1068440
460-337134-17	41A6_5-6	Total/NA	Solid	8260D	1068440
460-337134-18	41A7_2-3	Total/NA	Solid	8260D	1068440
MB 460-1068561/7	Method Blank	Total/NA	Solid	8260D	
LCS 460-1068561/3	Lab Control Sample	Total/NA	Solid	8260D	
LCSD 460-1068561/4	Lab Control Sample Dup	Total/NA	Solid	8260D	

Analysis Batch: 1068592

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
460-337134-13	41A2_1-2	Total/NA	Solid	8260D	1068440
MB 460-1068592/7	Method Blank	Total/NA	Solid	8260D	
LCS 460-1068592/4	Lab Control Sample	Total/NA	Solid	8260D	
LCSD 460-1068592/28	Lab Control Sample Dup	Total/NA	Solid	8260D	

GC/MS Semi VOA

Prep Batch: 1068453

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
460-337134-1	20A_0-4	Total/NA	Solid	3546	
460-337134-2	20A_4-8	Total/NA	Solid	3546	
460-337134-3	41A_0-3	Total/NA	Solid	3546	
460-337134-4	41A_3-6	Total/NA	Solid	3546	
MB 460-1068453/1-A	Method Blank	Total/NA	Solid	3546	
LCS 460-1068453/2-A	Lab Control Sample	Total/NA	Solid	3546	

GC/MS Semi VOA (Continued)

Prep Batch: 1068453 (Continued)

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
LCSD 460-1068453/3-A	Lab Control Sample Dup	Total/NA	Solid	3546	
460-337196-B-6-G MS	Matrix Spike	Total/NA	Solid	3546	
460-337196-B-6-H MSD	Matrix Spike Duplicate	Total/NA	Solid	3546	

Analysis Batch: 1068574

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
460-337134-1	20A_0-4	Total/NA	Solid	8270E	1068453
460-337134-2	20A_4-8	Total/NA	Solid	8270E	1068453
460-337134-3	41A_0-3	Total/NA	Solid	8270E	1068453
460-337134-4	41A_3-6	Total/NA	Solid	8270E	1068453
MB 460-1068453/1-A	Method Blank	Total/NA	Solid	8270E	1068453
LCS 460-1068453/2-A	Lab Control Sample	Total/NA	Solid	8270E	1068453
LCSD 460-1068453/3-A	Lab Control Sample Dup	Total/NA	Solid	8270E	1068453
460-337196-B-6-G MS	Matrix Spike	Total/NA	Solid	8270E	1068453
460-337196-B-6-H MSD	Matrix Spike Duplicate	Total/NA	Solid	8270E	1068453

GC Semi VOA

Prep Batch: 1068447

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
460-337134-1	20A_0-4	Total/NA	Solid	3546	
460-337134-2	20A_4-8	Total/NA	Solid	3546	
460-337134-3	41A_0-3	Total/NA	Solid	3546	
460-337134-4	41A_3-6	Total/NA	Solid	3546	
MB 460-1068447/1-A	Method Blank	Total/NA	Solid	3546	
LCS 460-1068447/2-A	Lab Control Sample	Total/NA	Solid	3546	
LCSD 460-1068447/3-A	Lab Control Sample Dup	Total/NA	Solid	3546	
460-337196-B-6-A MS	Matrix Spike	Total/NA	Solid	3546	
460-337196-B-6-B MSD	Matrix Spike Duplicate	Total/NA	Solid	3546	

Prep Batch: 1068449

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
460-337134-1	20A_0-4	Total/NA	Solid	3546	
460-337134-2	20A_4-8	Total/NA	Solid	3546	
460-337134-3	41A_0-3	Total/NA	Solid	3546	
460-337134-4	41A_3-6	Total/NA	Solid	3546	
MB 460-1068449/1-A	Method Blank	Total/NA	Solid	3546	
LCS 460-1068449/2-A	Lab Control Sample	Total/NA	Solid	3546	
LCSD 460-1068449/3-A	Lab Control Sample Dup	Total/NA	Solid	3546	
460-337196-B-6-D MS	Matrix Spike	Total/NA	Solid	3546	
460-337196-B-6-E MSD	Matrix Spike Duplicate	Total/NA	Solid	3546	

Analysis Batch: 1068562

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
460-337134-1	20A_0-4	Total/NA	Solid	8082A	1068449
460-337134-2	20A_4-8	Total/NA	Solid	8082A	1068449
460-337134-3	41A_0-3	Total/NA	Solid	8082A	1068449
460-337134-4	41A_3-6	Total/NA	Solid	8082A	1068449

GC Semi VOA

Analysis Batch: 1068637

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
460-337134-1	20A_0-4	Total/NA	Solid	8081B	1068447
460-337134-2	20A_4-8	Total/NA	Solid	8081B	1068447
460-337134-3	41A_0-3	Total/NA	Solid	8081B	1068447
460-337134-4	41A_3-6	Total/NA	Solid	8081B	1068447
MB 460-1068447/1-A	Method Blank	Total/NA	Solid	8081B	1068447
LCS 460-1068447/2-A	Lab Control Sample	Total/NA	Solid	8081B	1068447
LCSD 460-1068447/3-A	Lab Control Sample Dup	Total/NA	Solid	8081B	1068447
460-337196-B-6-A MS	Matrix Spike	Total/NA	Solid	8081B	1068447
460-337196-B-6-B MSD	Matrix Spike Duplicate	Total/NA	Solid	8081B	1068447

Analysis Batch: 1068776

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
MB 460-1068449/1-A	Method Blank	Total/NA	Solid	8082A	1068449
LCS 460-1068449/2-A	Lab Control Sample	Total/NA	Solid	8082A	1068449
LCSD 460-1068449/3-A	Lab Control Sample Dup	Total/NA	Solid	8082A	1068449
460-337196-B-6-D MS	Matrix Spike	Total/NA	Solid	8082A	1068449
460-337196-B-6-E MSD	Matrix Spike Duplicate	Total/NA	Solid	8082A	1068449

LCMS

Prep Batch: 715830

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
460-337134-1	20A_0-4	Total/NA	Solid	1633A Shake	
460-337134-2	20A_4-8	Total/NA	Solid	1633A Shake	
460-337134-3	41A_0-3	Total/NA	Solid	1633A Shake	
460-337134-4	41A_3-6	Total/NA	Solid	1633A Shake	
MB 410-715830/1-A	Method Blank	Total/NA	Solid	1633A Shake	
LCS 410-715830/2-A	Lab Control Sample	Total/NA	Solid	1633A Shake	
LCSD 410-715830/3-A	Lab Control Sample Dup	Total/NA	Solid	1633A Shake	
LLCS 410-715830/4-A	Lab Control Sample	Total/NA	Solid	1633A Shake	

Analysis Batch: 716362

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
MB 410-715830/1-A	Method Blank	Total/NA	Solid	1633A	715830
LCS 410-715830/2-A	Lab Control Sample	Total/NA	Solid	1633A	715830
LCSD 410-715830/3-A	Lab Control Sample Dup	Total/NA	Solid	1633A	715830
LLCS 410-715830/4-A	Lab Control Sample	Total/NA	Solid	1633A	715830

Analysis Batch: 716737

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
460-337134-1	20A_0-4	Total/NA	Solid	1633A	715830
460-337134-2	20A_4-8	Total/NA	Solid	1633A	715830
460-337134-3	41A_0-3	Total/NA	Solid	1633A	715830
460-337134-4	41A_3-6	Total/NA	Solid	1633A	715830

Metals

Prep Batch: 1069167

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
460-337134-1	20A_0-4	Total/NA	Solid	3050B	
460-337134-2	20A_4-8	Total/NA	Solid	3050B	
460-337134-3	41A_0-3	Total/NA	Solid	3050B	

Metals (Continued)

Prep Batch: 1069167 (Continued)

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
MB 460-1069167/1-A	Method Blank	Total/NA	Solid	3050B	
LCSSRM 460-1069167/2-A	Lab Control Sample	Total/NA	Solid	3050B	
460-337034-A-7-F MS	Matrix Spike	Total/NA	Solid	3050B	
460-337034-A-7-E DU	Duplicate	Total/NA	Solid	3050B	

Prep Batch: 1069168

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
460-337134-4	41A_3-6	Total/NA	Solid	3050B	
MB 460-1069168/1-A	Method Blank	Total/NA	Solid	3050B	
LCSSRM 460-1069168/2-A	Lab Control Sample	Total/NA	Solid	3050B	
460-337134-4 MS	41A_3-6	Total/NA	Solid	3050B	
460-337134-4 DU	41A_3-6	Total/NA	Solid	3050B	

Analysis Batch: 1069289

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
460-337134-1	20A_0-4	Total/NA	Solid	6020B	1069167
460-337134-2	20A_4-8	Total/NA	Solid	6020B	1069167
460-337134-3	41A_0-3	Total/NA	Solid	6020B	1069167
MB 460-1069167/1-A	Method Blank	Total/NA	Solid	6020B	1069167
LCSSRM 460-1069167/2-A	Lab Control Sample	Total/NA	Solid	6020B	1069167
460-337034-A-7-F MS	Matrix Spike	Total/NA	Solid	6020B	1069167
460-337034-A-7-E DU	Duplicate	Total/NA	Solid	6020B	1069167

Analysis Batch: 1069294

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
460-337134-4	41A_3-6	Total/NA	Solid	6020B	1069168
MB 460-1069168/1-A	Method Blank	Total/NA	Solid	6020B	1069168
LCSSRM 460-1069168/2-A	Lab Control Sample	Total/NA	Solid	6020B	1069168
460-337134-4 MS	41A_3-6	Total/NA	Solid	6020B	1069168
460-337134-4 DU	41A_3-6	Total/NA	Solid	6020B	1069168

Prep Batch: 1069587

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
460-337134-1	20A_0-4	Total/NA	Solid	7471B	
460-337134-2	20A_4-8	Total/NA	Solid	7471B	
460-337134-3	41A_0-3	Total/NA	Solid	7471B	
460-337134-4	41A_3-6	Total/NA	Solid	7471B	
MB 460-1069587/1-A	Method Blank	Total/NA	Solid	7471B	
LCSSRM 460-1069587/2-A	Lab Control Sample	Total/NA	Solid	7471B	
460-336630-B-1-I MS	Matrix Spike	Total/NA	Solid	7471B	
460-336630-B-1-H DU	Duplicate	Total/NA	Solid	7471B	

Analysis Batch: 1069699

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
460-337134-1	20A_0-4	Total/NA	Solid	7471B	1069587
460-337134-2	20A_4-8	Total/NA	Solid	7471B	1069587
460-337134-3	41A_0-3	Total/NA	Solid	7471B	1069587
460-337134-4	41A_3-6	Total/NA	Solid	7471B	1069587
MB 460-1069587/1-A	Method Blank	Total/NA	Solid	7471B	1069587
LCSSRM 460-1069587/2-A	Lab Control Sample	Total/NA	Solid	7471B	1069587
460-336630-B-1-I MS	Matrix Spike	Total/NA	Solid	7471B	1069587

Metals (Continued)

Analysis Batch: 1069699 (Continued)

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
460-336630-B-1-H DU	Duplicate	Total/NA	Solid	7471B	1069587

General Chemistry

Analysis Batch: 1068827

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
460-337134-1	20A_0-4	Total/NA	Solid	Moisture	
460-337134-2	20A_4-8	Total/NA	Solid	Moisture	
460-337134-3	41A_0-3	Total/NA	Solid	Moisture	
460-337134-4	41A_3-6	Total/NA	Solid	Moisture	
460-337134-5	20A1_4-5	Total/NA	Solid	Moisture	
460-337134-6	20A2_1-2	Total/NA	Solid	Moisture	
460-337134-7	20A3_2-3	Total/NA	Solid	Moisture	
460-337134-8	20A1_5-6	Total/NA	Solid	Moisture	
460-337134-9	20A2_6-7	Total/NA	Solid	Moisture	
460-337134-10	20A3_7-8	Total/NA	Solid	Moisture	
460-337134-11	20A1_3-4	Total/NA	Solid	Moisture	
460-337134-12	41A1_5-6	Total/NA	Solid	Moisture	
460-337134-13	41A2_1-2	Total/NA	Solid	Moisture	
460-337134-14	41A3_2-3	Total/NA	Solid	Moisture	
460-337134-15	41A4_3-4	Total/NA	Solid	Moisture	
460-337134-16	41A5_4-5	Total/NA	Solid	Moisture	
460-337134-17	41A6_5-6	Total/NA	Solid	Moisture	
460-337134-18	41A7_2-3	Total/NA	Solid	Moisture	
460-337134-4 DU	41A_3-6	Total/NA	Solid	Moisture	
460-337134-14 DU	41A3_2-3	Total/NA	Solid	Moisture	

Client Sample ID: 20A_0-4
Lab Sample ID: 460-337134-1
Date Collected: 10/13/25 09:40
Matrix: Solid
Date Received: 10/13/25 15:00

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Analysis	Moisture		1	1068827	CJC	EET EDI	10/16/25 16:57

Client Sample ID: 20A_0-4
Lab Sample ID: 460-337134-1
Date Collected: 10/13/25 09:40
Matrix: Solid
Date Received: 10/13/25 15:00
Percent Solids: 90.5

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Prep	3546			1068453	OTS	EET EDI	10/15/25 10:39
Total/NA	Analysis	8270E		1	1068574	MME	EET EDI	10/16/25 06:00
Total/NA	Prep	3546			1068447	FHW	EET EDI	10/15/25 10:08
Total/NA	Analysis	8081B		1	1068637	FAM	EET EDI	10/16/25 05:41
Total/NA	Prep	3546			1068449	FHW	EET EDI	10/15/25 10:13
Total/NA	Analysis	8082A		1	1068562	AAA	EET EDI	10/16/25 00:12
Total/NA	Prep	1633A Shake			715830	D5RZ	ELLE	10/17/25 14:07
Total/NA	Analysis	1633A		1	716737	P7EB	ELLE	10/20/25 16:41
Total/NA	Prep	3050B			1069167	GAE	EET EDI	10/17/25 20:20
Total/NA	Analysis	6020B		1	1069289	CDC	EET EDI	10/18/25 19:00
Total/NA	Prep	7471B			1069587	TJS	EET EDI	10/21/25 02:09
Total/NA	Analysis	7471B		1	1069699	TJS	EET EDI	10/21/25 08:55

Client Sample ID: 20A_4-8
Lab Sample ID: 460-337134-2
Date Collected: 10/13/25 09:50
Matrix: Solid
Date Received: 10/13/25 15:00

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Analysis	Moisture		1	1068827	CJC	EET EDI	10/16/25 16:57

Client Sample ID: 20A_4-8
Lab Sample ID: 460-337134-2
Date Collected: 10/13/25 09:50
Matrix: Solid
Date Received: 10/13/25 15:00
Percent Solids: 83.7

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Prep	3546			1068453	OTS	EET EDI	10/15/25 10:39
Total/NA	Analysis	8270E		1	1068574	MME	EET EDI	10/16/25 06:23
Total/NA	Prep	3546			1068447	FHW	EET EDI	10/15/25 10:08
Total/NA	Analysis	8081B		1	1068637	FAM	EET EDI	10/16/25 05:53
Total/NA	Prep	3546			1068449	FHW	EET EDI	10/15/25 10:13
Total/NA	Analysis	8082A		1	1068562	AAA	EET EDI	10/16/25 00:28
Total/NA	Prep	1633A Shake			715830	D5RZ	ELLE	10/17/25 14:07
Total/NA	Analysis	1633A		1	716737	P7EB	ELLE	10/20/25 16:55
Total/NA	Prep	3050B			1069167	GAE	EET EDI	10/17/25 20:20
Total/NA	Analysis	6020B		1	1069289	CDC	EET EDI	10/18/25 19:03
Total/NA	Prep	7471B			1069587	TJS	EET EDI	10/21/25 02:09
Total/NA	Analysis	7471B		1	1069699	TJS	EET EDI	10/21/25 08:58

Lab Chronicle

Client: Haley & Aldrich, Inc.
Project/Site: Former Port Mobil

Job ID: 460-337134-1

Client Sample ID: 41A_0-3

Lab Sample ID: 460-337134-3

Date Collected: 10/13/25 10:40

Matrix: Solid

Date Received: 10/13/25 15:00

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Analysis	Moisture		1	1068827	CJC	EET EDI	10/16/25 16:57

Client Sample ID: 41A_0-3

Lab Sample ID: 460-337134-3

Date Collected: 10/13/25 10:40

Matrix: Solid

Date Received: 10/13/25 15:00

Percent Solids: 90.5

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Prep	3546			1068453	OTS	EET EDI	10/15/25 10:39
Total/NA	Analysis	8270E		1	1068574	MME	EET EDI	10/16/25 04:02
Total/NA	Prep	3546			1068447	FHW	EET EDI	10/15/25 10:08
Total/NA	Analysis	8081B		1	1068637	FAM	EET EDI	10/16/25 06:06
Total/NA	Prep	3546			1068449	FHW	EET EDI	10/15/25 10:13
Total/NA	Analysis	8082A		1	1068562	AAA	EET EDI	10/16/25 00:45
Total/NA	Prep	1633A Shake			715830	D5RZ	ELLE	10/17/25 14:07
Total/NA	Analysis	1633A		1	716737	P7EB	ELLE	10/20/25 17:08
Total/NA	Prep	3050B			1069167	GAE	EET EDI	10/17/25 20:20
Total/NA	Analysis	6020B		1	1069289	CDC	EET EDI	10/18/25 19:06
Total/NA	Prep	7471B			1069587	TJS	EET EDI	10/21/25 02:09
Total/NA	Analysis	7471B		1	1069699	TJS	EET EDI	10/21/25 09:01

Client Sample ID: 41A_3-6

Lab Sample ID: 460-337134-4

Date Collected: 10/13/25 10:50

Matrix: Solid

Date Received: 10/13/25 15:00

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Analysis	Moisture		1	1068827	CJC	EET EDI	10/16/25 16:57

Client Sample ID: 41A_3-6

Lab Sample ID: 460-337134-4

Date Collected: 10/13/25 10:50

Matrix: Solid

Date Received: 10/13/25 15:00

Percent Solids: 86.2

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Prep	3546			1068453	OTS	EET EDI	10/15/25 10:39
Total/NA	Analysis	8270E		1	1068574	MME	EET EDI	10/16/25 04:26
Total/NA	Prep	3546			1068447	FHW	EET EDI	10/15/25 10:08
Total/NA	Analysis	8081B		1	1068637	FAM	EET EDI	10/16/25 06:18
Total/NA	Prep	3546			1068449	FHW	EET EDI	10/15/25 10:13
Total/NA	Analysis	8082A		1	1068562	AAA	EET EDI	10/16/25 01:02
Total/NA	Prep	1633A Shake			715830	D5RZ	ELLE	10/17/25 14:07
Total/NA	Analysis	1633A		1	716737	P7EB	ELLE	10/20/25 17:22
Total/NA	Prep	3050B			1069168	GAE	EET EDI	10/17/25 20:20
Total/NA	Analysis	6020B		1	1069294	CDC	EET EDI	10/18/25 13:07
Total/NA	Prep	7471B			1069587	TJS	EET EDI	10/21/25 02:09
Total/NA	Analysis	7471B		1	1069699	TJS	EET EDI	10/21/25 09:03

Client Sample ID: 20A1_4-5 — **Lab Sample ID: 460-337134-5**
Date Collected: 10/13/25 09:00 — **Matrix: Solid**
Date Received: 10/13/25 15:00

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Analysis	Moisture		1	1068827	CJC	EET EDI	10/16/25 16:57

Client Sample ID: 20A1_4-5 — **Lab Sample ID: 460-337134-5**
Date Collected: 10/13/25 09:00 — **Matrix: Solid**
Date Received: 10/13/25 15:00 — **Percent Solids: 89.9**

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Prep	5035			1068440	JCZ	EET EDI	10/15/25 09:32
Total/NA	Analysis	8260D		1	1068561	EMM	EET EDI	10/15/25 20:20

Client Sample ID: 20A2_1-2 — **Lab Sample ID: 460-337134-6**
Date Collected: 10/13/25 09:05 — **Matrix: Solid**
Date Received: 10/13/25 15:00

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Analysis	Moisture		1	1068827	CJC	EET EDI	10/16/25 16:57

Client Sample ID: 20A2_1-2 — **Lab Sample ID: 460-337134-6**
Date Collected: 10/13/25 09:05 — **Matrix: Solid**
Date Received: 10/13/25 15:00 — **Percent Solids: 94.6**

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Prep	5035			1068440	JCZ	EET EDI	10/15/25 09:32
Total/NA	Analysis	8260D		1	1068561	EMM	EET EDI	10/15/25 20:43

Client Sample ID: 20A3_2-3 — **Lab Sample ID: 460-337134-7**
Date Collected: 10/13/25 09:10 — **Matrix: Solid**
Date Received: 10/13/25 15:00

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Analysis	Moisture		1	1068827	CJC	EET EDI	10/16/25 16:57

Client Sample ID: 20A3_2-3 — **Lab Sample ID: 460-337134-7**
Date Collected: 10/13/25 09:10 — **Matrix: Solid**
Date Received: 10/13/25 15:00 — **Percent Solids: 85.9**

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Prep	5035			1068440	JCZ	EET EDI	10/15/25 09:32
Total/NA	Analysis	8260D		1	1068561	EMM	EET EDI	10/15/25 21:06

Client Sample ID: 20A1_5-6 — **Lab Sample ID: 460-337134-8**
Date Collected: 10/13/25 09:15 — **Matrix: Solid**
Date Received: 10/13/25 15:00

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Analysis	Moisture		1	1068827	CJC	EET EDI	10/16/25 16:57

Client Sample ID: 20A1_5-6 — **Lab Sample ID: 460-337134-8**
Date Collected: 10/13/25 09:15 — **Matrix: Solid**
Date Received: 10/13/25 15:00 — **Percent Solids: 86.2**

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Prep	5035			1068440	JCZ	EET EDI	10/15/25 09:33
Total/NA	Analysis	8260D		1	1068561	EMM	EET EDI	10/15/25 22:15

Client Sample ID: 20A2_6-7 — **Lab Sample ID: 460-337134-9**
Date Collected: 10/13/25 09:20 — **Matrix: Solid**
Date Received: 10/13/25 15:00

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Analysis	Moisture		1	1068827	CJC	EET EDI	10/16/25 16:57

Client Sample ID: 20A2_6-7 — **Lab Sample ID: 460-337134-9**
Date Collected: 10/13/25 09:20 — **Matrix: Solid**
Date Received: 10/13/25 15:00 — **Percent Solids: 89.3**

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Prep	5035			1068440	JCZ	EET EDI	10/15/25 09:34
Total/NA	Analysis	8260D		1	1068561	EMM	EET EDI	10/15/25 21:52

Client Sample ID: 20A3_7-8 — **Lab Sample ID: 460-337134-10**
Date Collected: 10/13/25 09:25 — **Matrix: Solid**
Date Received: 10/13/25 15:00

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Analysis	Moisture		1	1068827	CJC	EET EDI	10/16/25 16:57

Client Sample ID: 20A3_7-8 — **Lab Sample ID: 460-337134-10**
Date Collected: 10/13/25 09:25 — **Matrix: Solid**
Date Received: 10/13/25 15:00 — **Percent Solids: 91.4**

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Prep	5035			1068440	JCZ	EET EDI	10/15/25 09:34
Total/NA	Analysis	8260D		1	1068561	EMM	EET EDI	10/15/25 22:38

Client Sample ID: 20A1_3-4 — **Lab Sample ID: 460-337134-11**
Date Collected: 10/13/25 09:30 — **Matrix: Solid**
Date Received: 10/13/25 15:00

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Analysis	Moisture		1	1068827	CJC	EET EDI	10/16/25 16:57

Lab Chronicle

Client: Haley & Aldrich, Inc.
Project/Site: Former Port Mobil

Job ID: 460-337134-1

Client Sample ID: 20A1_3-4 — **Lab Sample ID: 460-337134-11**
Date Collected: 10/13/25 09:30 — **Matrix: Solid**
Date Received: 10/13/25 15:00 — **Percent Solids: 91.3**

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Prep	5035			1068440	JCZ	EET EDI	10/15/25 09:34
Total/NA	Analysis	8260D		1	1068561	EMM	EET EDI	10/15/25 23:01

Client Sample ID: 41A1_5-6 — **Lab Sample ID: 460-337134-12**
Date Collected: 10/13/25 10:00 — **Matrix: Solid**
Date Received: 10/13/25 15:00

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Analysis	Moisture		1	1068827	CJC	EET EDI	10/16/25 16:57

Client Sample ID: 41A1_5-6 — **Lab Sample ID: 460-337134-12**
Date Collected: 10/13/25 10:00 — **Matrix: Solid**
Date Received: 10/13/25 15:00 — **Percent Solids: 91.8**

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Prep	5035			1068440	JCZ	EET EDI	10/15/25 09:35
Total/NA	Analysis	8260D		1	1068561	EMM	EET EDI	10/15/25 23:24

Client Sample ID: 41A2_1-2 — **Lab Sample ID: 460-337134-13**
Date Collected: 10/13/25 10:05 — **Matrix: Solid**
Date Received: 10/13/25 15:00

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Analysis	Moisture		1	1068827	CJC	EET EDI	10/16/25 16:57

Client Sample ID: 41A2_1-2 — **Lab Sample ID: 460-337134-13**
Date Collected: 10/13/25 10:05 — **Matrix: Solid**
Date Received: 10/13/25 15:00 — **Percent Solids: 85.9**

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Prep	5035			1068440	JCZ	EET EDI	10/15/25 09:35
Total/NA	Analysis	8260D		1	1068592	EMM	EET EDI	10/16/25 09:42

Client Sample ID: 41A3_2-3 — **Lab Sample ID: 460-337134-14**
Date Collected: 10/13/25 10:10 — **Matrix: Solid**
Date Received: 10/13/25 15:00

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Analysis	Moisture		1	1068827	CJC	EET EDI	10/16/25 17:02

Lab Chronicle

Client: Haley & Aldrich, Inc.
Project/Site: Former Port Mobil

Job ID: 460-337134-1

Client Sample ID: 41A3_2-3

Lab Sample ID: 460-337134-14
Date Collected: 10/13/25 10:10
Matrix: Solid
Date Received: 10/13/25 15:00
Percent Solids: 85.7

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Prep	5035			1068440	JCZ	EET EDI	10/15/25 09:36
Total/NA	Analysis	8260D		1	1068561	EMM	EET EDI	10/16/25 00:10

Client Sample ID: 41A4_3-4

Lab Sample ID: 460-337134-15
Date Collected: 10/13/25 10:15
Matrix: Solid
Date Received: 10/13/25 15:00

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Analysis	Moisture		1	1068827	CJC	EET EDI	10/16/25 17:02

Client Sample ID: 41A4_3-4

Lab Sample ID: 460-337134-15
Date Collected: 10/13/25 10:15
Matrix: Solid
Date Received: 10/13/25 15:00
Percent Solids: 85.3

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Prep	5035			1068440	JCZ	EET EDI	10/15/25 09:36
Total/NA	Analysis	8260D		1	1068561	EMM	EET EDI	10/16/25 00:33

Client Sample ID: 41A5_4-5

Lab Sample ID: 460-337134-16
Date Collected: 10/13/25 10:20
Matrix: Solid
Date Received: 10/13/25 15:00

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Analysis	Moisture		1	1068827	CJC	EET EDI	10/16/25 17:02

Client Sample ID: 41A5_4-5

Lab Sample ID: 460-337134-16
Date Collected: 10/13/25 10:20
Matrix: Solid
Date Received: 10/13/25 15:00
Percent Solids: 87.8

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Prep	5035			1068440	JCZ	EET EDI	10/15/25 09:36
Total/NA	Analysis	8260D		1	1068561	EMM	EET EDI	10/16/25 00:56

Client Sample ID: 41A6_5-6

Lab Sample ID: 460-337134-17
Date Collected: 10/13/25 10:25
Matrix: Solid
Date Received: 10/13/25 15:00

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Analysis	Moisture		1	1068827	CJC	EET EDI	10/16/25 17:02

Lab Chronicle

Client: Haley & Aldrich, Inc.
Project/Site: Former Port Mobil

Job ID: 460-337134-1

Client Sample ID: 41A6_5-6

Lab Sample ID: 460-337134-17

Date Collected: 10/13/25 10:25
Matrix: Solid
Date Received: 10/13/25 15:00
Percent Solids: 96.4

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Prep	5035			1068440	JCZ	EET EDI	10/15/25 09:37
Total/NA	Analysis	8260D		1	1068561	EMM	EET EDI	10/16/25 01:19

Client Sample ID: 41A7_2-3

Lab Sample ID: 460-337134-18

Date Collected: 10/13/25 10:30
Matrix: Solid
Date Received: 10/13/25 15:00

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Analysis	Moisture		1	1068827	CJC	EET EDI	10/16/25 17:02

Client Sample ID: 41A7_2-3

Lab Sample ID: 460-337134-18

Date Collected: 10/13/25 10:30
Matrix: Solid
Date Received: 10/13/25 15:00
Percent Solids: 85.2

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Prep	5035			1068440	JCZ	EET EDI	10/15/25 09:37
Total/NA	Analysis	8260D		1	1068561	EMM	EET EDI	10/16/25 01:42

Laboratory References:

EET EDI = Eurofins Edison, 777 New Durham Road, Edison, NJ 08817, TEL (732)549-3900

ELLE = Eurofins Lancaster Laboratories Environment Testing, LLC, 2425 New Holland Pike, Lancaster, PA 17601, TEL (717)656-2300

Accreditation/Certification Summary

Client: Haley & Aldrich, Inc.
Project/Site: Former Port Mobil

Job ID: 460-337134-1

Laboratory: Eurofins Edison

Unless otherwise noted, all analytes for this laboratory were covered under each accreditation/certification below.

Authority	Program	Identification Number	Expiration Date
New York	NELAP	11452	04-01-26

The following analytes are included in this report, but the laboratory is not certified by the governing authority. This list may include analytes for which the agency does not offer certification.

Analysis Method	Prep Method	Matrix	Analyte
8270E	3546	Solid	3 & 4 Methylphenol
Moisture		Solid	Percent Moisture
Moisture		Solid	Percent Solids

Laboratory: Eurofins Lancaster Laboratories Environment Testing, LLC

The accreditations/certifications listed below are applicable to this report.

Authority	Program	Identification Number	Expiration Date
New York	NELAP	10670	04-01-26

Method Summary

Client: Haley & Aldrich, Inc.
Project/Site: Former Port Mobil

Job ID: 460-337134-1

Method	Method Description	Protocol	Laboratory
8260D	Volatile Organic Compounds by GC/MS	SW846	EET EDI
8270E	Semivolatile Organic Compounds (GC/MS)	SW846	EET EDI
8081B	Organochlorine Pesticides (GC)	SW846	EET EDI
8082A	Polychlorinated Biphenyls (PCBs) by Gas Chromatography	SW846	EET EDI
1633A	Per- and Polyfluoroalkyl Substances by LC/MS/MS, 1633A	EPA	ELLE
6020B	Metals (ICP/MS)	SW846	EET EDI
7471B	Mercury (CVAA)	SW846	EET EDI
Moisture	Percent Moisture	EPA	EET EDI
1633A Shake	Shake Extraction with SPE	EPA	ELLE
3050B	Preparation, Metals	SW846	EET EDI
3546	Microwave Extraction	SW846	EET EDI
5035	Closed System Purge and Trap	SW846	EET EDI
7471B	Preparation, Mercury	SW846	EET EDI

Protocol References:

EPA = US Environmental Protection Agency

SW846 = "Test Methods For Evaluating Solid Waste, Physical/Chemical Methods", Third Edition, November 1986 And Its Updates.

Laboratory References:

EET EDI = Eurofins Edison, 777 New Durham Road, Edison, NJ 08817, TEL (732)549-3900

ELLE = Eurofins Lancaster Laboratories Environment Testing, LLC, 2425 New Holland Pike, Lancaster, PA 17601, TEL (717)656-2300

Sample Summary

Client: Haley & Aldrich, Inc.
Project/Site: Former Port Mobil

Job ID: 460-337134-1

Lab Sample ID	Client Sample ID	Matrix	Collected	Received	Sample Origin
460-337134-1	20A_0-4	Solid	10/13/25 09:40	10/13/25 15:00	New York
460-337134-2	20A_4-8	Solid	10/13/25 09:50	10/13/25 15:00	New York
460-337134-3	41A_0-3	Solid	10/13/25 10:40	10/13/25 15:00	New York
460-337134-4	41A_3-6	Solid	10/13/25 10:50	10/13/25 15:00	New York
460-337134-5	20A1_4-5	Solid	10/13/25 09:00	10/13/25 15:00	New York
460-337134-6	20A2_1-2	Solid	10/13/25 09:05	10/13/25 15:00	New York
460-337134-7	20A3_2-3	Solid	10/13/25 09:10	10/13/25 15:00	New York
460-337134-8	20A1_5-6	Solid	10/13/25 09:15	10/13/25 15:00	New York
460-337134-9	20A2_6-7	Solid	10/13/25 09:20	10/13/25 15:00	New York
460-337134-10	20A3_7-8	Solid	10/13/25 09:25	10/13/25 15:00	New York
460-337134-11	20A1_3-4	Solid	10/13/25 09:30	10/13/25 15:00	New York
460-337134-12	41A1_5-6	Solid	10/13/25 10:00	10/13/25 15:00	New York
460-337134-13	41A2_1-2	Solid	10/13/25 10:05	10/13/25 15:00	New York
460-337134-14	41A3_2-3	Solid	10/13/25 10:10	10/13/25 15:00	New York
460-337134-15	41A4_3-4	Solid	10/13/25 10:15	10/13/25 15:00	New York
460-337134-16	41A5_4-5	Solid	10/13/25 10:20	10/13/25 15:00	New York
460-337134-17	41A6_5-6	Solid	10/13/25 10:25	10/13/25 15:00	New York
460-337134-18	41A7_2-3	Solid	10/13/25 10:30	10/13/25 15:00	New York

Eurofins Edison
777 New Durham Road
Edison, NJ 08817
Phone: 732-549-3900 Fax. 732-549-3679

Chain of Custody Record

eurofins

Client Information	Sampler: Omar Colon	Lab PM: Flannery Elizabeth J	Carrier Tracking No(s):	COC No: 460-200960-131532.8
Client Contact: Sarah Commisso	Phone:	E-Mail: Elizabeth.Flannery@et.eurofinsus.com	State of Origin: NY	Page: Page 1 of 2
Company: Haley & Aldrich, Inc.	PWSID:			Job #: 337134
Address: 213 West 35th Street, 7th Floor	Due Date Requested:			
City: New York	TAT Requested (days): 5 DAY			
State, Zip: NY 10001	Compliance Project: Δ Yes Δ No			
Phone:	PO #: 0213836-001-002-03 ~~0298988-001-001-05~~			
Email: SCommisso@haleyaldrich.com	WO #: 4101 Arthur Kill Road, Staten Island, NY			
Project Name: 4101 Arthur Kill - Former Port Mobil	Project #: 46042832			
Site:	SSOW#:			

Analysis Requested

Preservation Codes:
N None
F MeOH
Other

Sample Identification	Sample Date	Sample Time	Sample Type (C=comp, G=grab)	Matrix (W=water, S=solid, O=waste/oil BT=Tissue, A=Air, DW=Drinking water)	Field Filtered Sample (Yes or No)	Perform MS/MSD (Yes or No)	~~8260B_TCLP_375_VOCs~~	~~8260B_TCLP_8260A_375_VOCs~~	1633A Standard List 40	8270E, 6020B, 8082A, 8081B, 7471B	Total Number of containers	Special Instructions/Note:
Preservation Code:							N	F				
~~20-0-4~~ 20A_0-4	10/13/25	0940	C	Solid					X	X		1
~~20-4-8~~ 20A_4-8	"	0950	"	Solid					"	"		2
~~41-0-3~~ 41A_0-3	"	1040	"	Solid					"	"		3
~~41-3-6~~ 41A_3-6	"	1050	"	Solid					"	"		4
				Solid								
				Solid								
				Solid								
				Solid								
				Solid								
				Solid								
				Solid								

460-337134 Chain of Custody

Page 04 of 09 OCT

Possible Hazard Identification
☐ Non-Hazard ☐ Flammable ☐ Skin Irritant ☐ Poison B ☐ Unknown ☐ Radiological

Sample Disposal (A fee may be assessed if samples are retained longer than 1 month)
☐ Return To Client ☐ Disposal By Lab ☐ Archive For _____ Months

Deliverable Requested: I II III IV Other (specify)

Special Instructions/QC Requirements:

Empty Kit Relinquished by:	Date:	Time:	Method of Shipment:

	Relinquished by	Date/Time	Company	Received by	Date/Time	Company
1	Omar Colon	10/13/25	H+A		10/13/25 1411	
2		10/13/25			10/13/25 1535	
3						

Custody Seals Intact: Δ Yes Δ No | Custody Seal No. 2-5-22

Cooler Temperature(s) °C and Other Remarks:

V 10/10/2024

10/21/2025

Eurofins Edison
777 New Durham Road
Edison NJ 08817
Phone: 732-549-3900 Fax: 732-549-3679

Chain of Custody Record

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Client Information	Sampler: D. Colon	Lab PM: Flannery Elizabeth J	Carrier Tracking No(s):	COC No: 460-200914-131501 19
Client Contact: Sarah Commisso	Phone:	E-Mail: Elizabeth.Flannery@et.eurofinsus.com	State of Origin:	Page: Page 3 of 3
Company: Haley & Aldrich, Inc.	PWSID:	Analysis Requested		Job #: 337134
Address: 213 West 35th Street, 7th Floor	Due Date Requested:			Preservation Codes: N None F MeOH
City: New York	TAT Requested (days): 5 DAY			
State, Zip: NY 10001	Compliance Project: Δ Yes Δ No			
Phone:	PO #: 0213836-001-002-03 ~~0200308-001-001-06~~			
Email: SCommisso@haleyaldrich.com	WO #: 4101 Arthur Kill Road, Staten Island, NY			
Project Name: 4101 Arthur Kill Former Port Mobil	Project #: 46042832			
Site:	SSOW#:			Other

Sample Identification	Sample Date	Sample Time	Sample Type (C=comp, G=grab)	Matrix (W=water, S=solid, O=waste/oil BT=Tissue, A=Air, DW=Drinking Water)	Field Filtered Sample (Yes or No)	Perform MS/MSD (Yes or No)	~~60000, 74749, 60848, 8093A, 6020B~~	8260D TCL/Part 375 VOCs	Total Number of containers	Special Instructions/Note:
			Preservation Code:				N	F		
20A1_4-5	10/13/25	0900	G	Solid				1		5
20A2_1-2		0905		Solid						6
20A3_2-3		0910		Solid						7
20A1_5-6		0915		Solid						8
20A2_6-7		0920		Solid						9
20A3_7-8		0925		Solid						10
~~20A3_5-6~~ 20A1_3-4		0930		Solid						11
41A1_5-6		1000		Solid						12
41A2_1-2		1005		Solid						13
41A3_2-3		1010		Solid						14
41A4_3-4		1015		Solid						15

Possible Hazard Identification
☐ Non-Hazard ☐ Flammable ☐ Skin Irritant ☐ Poison B ☐ Unknown ☐ Radiological

Sample Disposal (A fee may be assessed if samples are retained longer than 1 month)
☐ Return To Client ☐ Disposal By Lab ☐ Archive For _____ Months

Deliverable Requested: I, II, III IV Other (specify)

Special Instructions/QC Requirements:

Empty Kit Relinquished by:	Date:	Time:	Method of Shipment:

Relinquished by:	Date/Time:	Company	Received by:	Date/Time:	Company
D. Colon	10/13/25	H+A		10/13/25 14	
Relinquished by:	Date/Time:	Company	Received by:	Date/Time:	Company
	10/13/25			10/13/25 15:00	EDS
Relinquished by:	Date/Time:	Company	Received by:	Date/Time:	Company

Custody Seals Intact: Δ Yes Δ No	Custody Seal No.	Cooler Temperature(s) °C and Other Remarks:

Ver: 10/10/2024

Eurofins Edison
777 New Durham Road
Edison NJ 08817
Phone: 732-549-3900 Fax: 732-549-3679

Chain of Custody Record

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Client Information	Sampler	Lab PM: Flannery Elizabeth J	Carrier Tracking No(s):	COC No: 460-200914-131501.20
Client Contact: Sarah Commisso	Phone:	E-Mail: Elizabeth.Flannery@et.eurofinsus.com	State of Origin:	Page: Page 3 of 3
Company: Haley & Aldrich, Inc.	PWSID:			Job #: 397134
Address: 213 West 35th Street, 7th Floor	Due Date Requested:			
City: New York	TAT Requested (days): 5 DAY			
State, Zip: NY 10001	Compliance Project: Δ Yes Δ No			
Phone:	PO #: 0213836-001-002-03 ~~0208989-001-001-06~~			
Email: SCommisso@haleyaldrich.com	WO #: 4101 Arthur Kill Road, Staten Island, NY			
Project Name: 4101 Arthur Kill Former Port Mobil	Project #: 46042832			
Site:	SSOW#:			

Analysis Requested

Preservation Codes: N None; F MeOH

Sample Identification	Sample Date	Sample Time	Sample Type (C=Comp, G=grab)	Matrix (W=water S=solid, O=waste/oil BT=Tissue, A=Air DW=Drinking Water)	Field Filtered Sample (Yes or No)	Perform MS/MSD (Yes or No)	~~8260B, 74118, 8081B, 8082A, 8270C~~	8260D TCL/Part 375 VOCs	Total Number of containers	Special Instructions/Note:
			Preservation Code:				N	F		
41A5_4-5	10/13/25	1020	G	Solid				1	16	
41A6_5-6	"	1025	"	Solid				1	17	
41A7_2-3	"	1030	"	Solid				1	16	
				Solid						
				Solid						
				Solid						
				Solid						
				Solid						
				Solid						
				Solid						
				Solid						

Possible Hazard Identification
☐ Non-Hazard ☐ Flammable ☐ Skin Irritant ☐ Poison B ☐ Unknown ☐ Radiological

Sample Disposal (A fee may be assessed if samples are retained longer than 1 month)
☐ Return To Client ☐ Disposal By Lab ☐ Archive For _____ Months

Deliverable Requested: I II, III, IV Other (specify)

Special Instructions/QC Requirements:

Empty Kit Relinquished by:	Date:	Time:	Method of Shipment:

Relinquished by:	Date/Time:	Company	Received by:	Date/Time:	Company
Quentin Colon	10/13/25	H+A		10/13/25	
Relinquished by:	Date/Time:	Company	Received by:	Date/Time:	Company
	10/13/25			10/13/25	
Relinquished by:	Date/Time:	Company	Received by:	Date/Time:	Company

Custody Seals Intact: Δ Yes Δ No | Custody Seal No. 2-5-22

Cooler Temperature(s) °C and Other Remarks:

Ver: 10/10/2024

Eurofins TestAmerica Edison
Receipt Temperature and pH Log

Job Number: 337134

Number of Coolers: 1 IR Gun # 9

Cooler Temperatures

	RAW	CORRECTED		RAW	CORRECTED		RAW	CORRECTED
Cooler #1:	2.3°C	2.2°C	Cooler #4:	°C	°C	Cooler #7:	°C	°C
Cooler #2:	°C	°C	Cooler #5:	°C	°C	Cooler #8:	°C	°C
Cooler #3:	°C	°C	Cooler #6:	°C	°C	Cooler #9:	°C	°C

TALS Sample Number	Ammonia (pH<2)	COD (pH<2)	Nitrate Nitrite (pH<2)	Metals* (pH<2)	Hardness (pH<2)	Pest (pH 5-9)	EPH or QAM (pH<2)	Phenols (pH<2)	Sulfide (pH>9)	TKN (pH<2)	TOC (pH<2)	Total Cyanide (pH>12)	Total Phos (pH<2)	Other	Other

If pH adjustments are required record the information below*

Sample No(s). adjusted: _____

Preservative Name/Conc. _____ Volume of Preservative used (ml) _____

Lot # of Preservative(s) _____ Expiration Date: _____

The appropriate Project Manager and Department Manager should be notified about the samples which were pH adjusted.

**Samples for Metal analysis which are out of compliance must be acidified at least 24 hours prior to analysis.*

Initials: _____ Date: 10/13/25

Eurofins Edison
777 New Durham Road
Edison, NJ 08817
Phone: 732-549-3900 Fax: 732-549-3679

Chain of Custody Record

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Client Information (Sub Contract Lab)	Sampler: N/A	Lab PM: Flannery, Elizabeth J	Carrier Tracking No(s): N/A	COC No: 460-75698.1
Client Contact: Shipping/Receiving	Phone: N/A	E-Mail: Elizabeth.Flannery@et.eurofinsus.com	State of Origin: New York	Page: Page 1 of 1
Company: Eurofins Lancaster Laboratories Environm		Accreditations Required (See note): NELAP - New York		Job #: 460-337134-1
Address: 2425 New Holland Pike, ,	Due Date Requested: 10/20/2025			Preservation Codes: -
City: Lancaster	TAT Requested (days): N/A			
State, Zip: PA, 17601				
Phone: 717-656-2300(Tel)	PO #: N/A			
Email: N/A	WO #: N/A			
Project Name: 4101 Arthur Kill - Former Port Mobil	Project #: 46042832			Other: N/A
Site: N/A	SSOW#: N/A			

Analysis Requested

Sample Identification - Client ID (Lab ID)	Sample Date	Sample Time	Sample Type (C=comp, G=grab)	Matrix (W=water, S=solid, O=waste/oil, BT=Tissue, A=Air)	Field Filtered Sample (Yes or No)	Perform MS/MSD (Yes or No)	1633A/1633A_Shake1633 Standard List 40	Total Number of containers	Special Instructions/Note:
			Preservation Code:						
20A_0-4 (460-337134-1)	10/13/25	09:40 Eastern	G	Solid			X	1	
20A_4-8 (460-337134-2)	10/13/25	09:50 Eastern	G	Solid			X	1	
41A_0-3 (460-337134-3)	10/13/25	10:40 Eastern	G	Solid			X	1	
41A_3-6 (460-337134-4)	10/13/25	10:50 Eastern	G	Solid			X	1	

Note: Since laboratory accreditations are subject to change, Eurofins Environment Testing Northeast, LLC places the ownership of method, analyte & accreditation compliance upon our subcontract laboratories. This sample shipment is forwarded under chain-of-custody. If the laboratory does not currently maintain accreditation in the State of Origin listed above for analysis/tests/matrix being analyzed, the samples must be shipped back to the Eurofins Environment Testing Northeast, LLC laboratory or other instructions will be provided. Any changes to accreditation status should be brought to Eurofins Environment Testing Northeast, LLC attention immediately. If all requested accreditations are current to date, return the signed Chain of Custody attesting to said compliance to Eurofins Environment Testing Northeast, LLC.

Possible Hazard Identification	*Sample Disposal (A fee may be assessed if samples are retained longer than 1 month)*
Unconfirmed	☐ *Return To Client* ☐ *Disposal By Lab* ☐ *Archive For* _____ *Months*
Deliverable Requested: I, II, III, IV, Other (specify) Primary Deliverable Rank: 1	Special Instructions/QC Requirements:

Empty Kit Relinquished by:	Date:	Time:	Method of Shipment:

	Relinquished by:	Date/Time:	Company	Received by:	Date/Time:	Company
1		10/15/25 1600	ETL		10/15/25 1600	ELN
2		10/15/25 1935	ELN			
3					10/15/25 1935	ELCET

Custody Seals Intact: Δ Yes Δ No	Custody Seal No.:	Cooler Temperature(s) °C and Other Remarks: 2 3.8 C2.4

LM

Ver: 10/10/2024

Login Sample Receipt Checklist

Client: Haley & Aldrich, Inc.

Job Number: 460-337134-1

Login Number: 337134

List Source: Eurofins Edison

List Number: 1

Creator: Thundathorn, Sukanan 1

Question	Answer	Comment
Radioactivity wasn't checked or is </= background as measured by a survey meter.	N/A	
The cooler's custody seal, if present, is intact.	True	
Sample custody seals, if present, are intact.	True	
The cooler or samples do not appear to have been compromised or tampered with.	True	
Samples were received on ice.	True	
Cooler Temperature is acceptable.	True	
Cooler Temperature is recorded.	True	
COC is present.	True	
COC is filled out in ink and legible.	True	
COC is filled out with all pertinent information.	True	
Is the Field Sampler's name present on COC?	True	
There are no discrepancies between the containers received and the COC.	True	
Samples are received within Holding Time (excluding tests with immediate HTs)	True	
Sample containers have legible labels.	True	
Containers are not broken or leaking.	True	
Sample collection date/times are provided.	True	
Appropriate sample containers are used.	True	
Sample bottles are completely filled.	True	
Sample Preservation Verified.	True	
There is sufficient vol. for all requested analyses, incl. any requested MS/MSDs	True	
Containers requiring zero headspace have no headspace or bubble is <6mm (1/4").	True	
Multiphasic samples are not present.	True	
Samples do not require splitting or compositing.	True	
Residual Chlorine Checked.	N/A	

Login Sample Receipt Checklist

Client: Haley & Aldrich, Inc.

Job Number: 460-337134-1

Login Number: 337134
List Number: 2
Creator: Montero, Luis

List Source: Eurofins Lancaster Laboratories Environment Testing, LLC
List Creation: 10/16/25 02:50 AM

Question	Answer	Comment
The cooler's custody seal is intact.	True	
The cooler or samples do not appear to have been compromised or tampered with.	True	
Samples were received on ice.	True	
Cooler Temperature acceptable,where thermal pres is required(</=6C, not frozen).	True	
Cooler Temperature is recorded.	True	
WV:Container Temp acceptable,where thermal pres is required (</=6C, not frozen).	N/A	
WV: Container Temperature is recorded.	N/A	
COC is present.	True	
COC is filled out in ink and legible.	True	
COC is filled out with all pertinent information.	True	
There are no discrepancies between the containers received and the COC.	True	
Sample containers have legible labels.	True	
Containers are not broken or leaking.	True	
Sample collection date/times are provided.	True	
Appropriate sample containers are used.	True	
Sample bottles are completely filled.	True	
There is sufficient vol. for all requested analyses.	True	
Is the Field Sampler's name present on COC?	False	Received project as a subcontract.
Sample custody seals are intact.	N/A	
VOA sample vials do not have headspace >6mm in diameter (none, if from WV)?	N/A	

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ANALYTICAL REPORT

PREPARED FOR

Attn: Suzanne Bell
Haley & Aldrich, Inc.
213 West 35th Street, 7th Floor
New York, New York 10001

Generated 10/31/2025 12:43:15 PM

JOB DESCRIPTION

Former Port Mobil

JOB NUMBER

460-338106-1

Eurofins Edison
777 New Durham Road
Edison NJ 08817

See page two for job notes and contact information.

my EOL

Eurofins Edison

Job Notes

This report may not be reproduced except in full, and with written approval from the laboratory. The results relate only to the samples tested. For questions please contact the Project Manager at the e-mail address or telephone number listed on this page.

The test results in this report relate only to the samples as received by the laboratory and will meet all requirements of the methodology, with any exceptions noted. This report shall not be reproduced except in full, without the express written approval of the laboratory. All questions should be directed to the Eurofins Environment Testing Northeast, LLC Project Manager.

Compliance Statement

I certify that this data package is in compliance with the terms and conditions of the contract, both technically and for completeness, for other than the conditions detailed within the body of this report. Release of the data contained in this sample data package and in the electronic data deliverable has been authorized by the Laboratory Manager or his/her designee, as verified by the following signature.

Authorization

Generated
10/31/2025 12:43:15 PM

Authorized for release by
Elizabeth Flannery, Project Manager I
Elizabeth.Flannery@et.eurofinsus.com
(732)549-3900

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Definitions/Glossary

Client: Haley & Aldrich, Inc.
Project/Site: Former Port Mobil

Job ID: 460-338106-1

Qualifiers

GC/MS VOA

Qualifier	Qualifier Description
J	Indicates an estimated value.
U	Analyzed for but not detected.

Glossary

Abbreviation	These commonly used abbreviations may or may not be present in this report.
☼	Listed under the "D" column to designate that the result is reported on a dry weight basis
%R	Percent Recovery
CFL	Contains Free Liquid
CFU	Colony Forming Unit
CNF	Contains No Free Liquid
DER	Duplicate Error Ratio (normalized absolute difference)
Dil Fac	Dilution Factor
DL	Detection Limit (DoD/DOE)
DL, RA, RE, IN	Indicates a Dilution, Re-analysis, Re-extraction, or additional Initial metals/anion analysis of the sample
DLC	Decision Level Concentration (Radiochemistry)
EDL	Estimated Detection Limit (Dioxin)
LOD	Limit of Detection (DoD/DOE)
LOQ	Limit of Quantitation (DoD/DOE)
MCL	EPA recommended "Maximum Contaminant Level"
MDA	Minimum Detectable Activity (Radiochemistry)
MDC	Minimum Detectable Concentration (Radiochemistry)
MDL	Method Detection Limit
ML	Minimum Level (Dioxin)
MPN	Most Probable Number
MQL	Method Quantitation Limit
NC	Not Calculated
ND	Not Detected at the reporting limit (or MDL or EDL if shown)
NEG	Negative / Absent
POS	Positive / Present
PQL	Practical Quantitation Limit
PRES	Presumptive
QC	Quality Control
RER	Relative Error Ratio (Radiochemistry)
RL	Reporting Limit or Requested Limit (Radiochemistry)
RPD	Relative Percent Difference, a measure of the relative difference between two points
TEF	Toxicity Equivalent Factor (Dioxin)
TEQ	Toxicity Equivalent Quotient (Dioxin)
TNTC	Too Numerous To Count

Job Narrative
460-338106-1

The analytical test results presented in this report meet all requirements of the associated regulatory program listed on the Accreditation/Certification Summary Page, unless otherwise noted. Data qualifiers and/or narrative comments are included to explain any exceptions, if applicable. Regulated compliance samples (e.g. SDWA, NPDES) must comply with associated agency requirements/permits.

- Matrix-specific batch QC (e.g., MS, MSD, SD) may not be reported when insufficient sample volume is available or when site-specific QC samples are not submitted. In such cases, a Laboratory Control Sample Duplicate (LCSD) may be analyzed to provide precision data for the batch.
- For samples analyzed using surrogate and/or isotope dilution analytes, any recoveries falling outside of established acceptance criteria are re-prepared and/or re-analyzed to confirm results, unless the deviation is due to sample dilution or otherwise explained in the case narrative.

Receipt
The sample was received on 10/28/2025 5:45 PM. Unless otherwise noted below, the sample arrived in good condition, and, where required, properly preserved and on ice. The temperature of the cooler at receipt time was 0.3°C.

Method 8260D - Volatile Organic Compounds by GC/MS
Sample 52E1_4-5 (460-338106-1) was analyzed for Volatile Organic Compounds by GC/MS. The sample was prepared on 10/29/2025 and analyzed on 10/30/2025.

Method Moisture - Percent Moisture
Sample 52E1_4-5 (460-338106-1) was analyzed for Percent Moisture. The sample was analyzed on 10/28/2025.

Detection Summary

Client: Haley & Aldrich, Inc.
Project/Site: Former Port Mobil

Job ID: 460-338106-1

Client Sample ID: 52E1_4-5

Lab Sample ID: 460-338106-1

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Acetone	0.0065		0.0045	0.0043	mg/Kg	1	☼	8260D	Total/NA
Methylene Chloride	0.00097	J	0.0015	0.00085	mg/Kg	1	☼	8260D	Total/NA
Toluene	0.00031	J	0.00074	0.00017	mg/Kg	1	☼	8260D	Total/NA

This Detection Summary does not include radiochemical test results.

Client: Haley & Aldrich, Inc.
Project/Site: Former Port Mobil

Job ID: 460-338106-1

Client Sample ID: 52E1_4-5
Date Collected: 10/28/25 13:00
Date Received: 10/28/25 17:45

Lab Sample ID: 460-338106-1
Matrix: Solid
Percent Solids: 93.6

Method: SW846 8260D - Volatile Organic Compounds by GC/MS

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1-Trichloroethane	0.00074	U	0.00074	0.00017	mg/Kg	☼	10/29/25 09:47	10/30/25 13:57	1
1,1,2,2-Tetrachloroethane	0.00074	U	0.00074	0.00039	mg/Kg	☼	10/29/25 09:47	10/30/25 13:57	1
1,1,2-Trichloro-1,2,2-trifluoroethane	0.00074	U	0.00074	0.00022	mg/Kg	☼	10/29/25 09:47	10/30/25 13:57	1
1,1,2-Trichloroethane	0.00074	U	0.00074	0.00045	mg/Kg	☼	10/29/25 09:47	10/30/25 13:57	1
1,1-Dichloroethane	0.00074	U	0.00074	0.00044	mg/Kg	☼	10/29/25 09:47	10/30/25 13:57	1
1,1-Dichloroethene	0.00074	U	0.00074	0.00017	mg/Kg	☼	10/29/25 09:47	10/30/25 13:57	1
1,2,3-Trichlorobenzene	0.00074	U	0.00074	0.00055	mg/Kg	☼	10/29/25 09:47	10/30/25 13:57	1
1,2,4-Trichlorobenzene	0.00074	U	0.00074	0.00027	mg/Kg	☼	10/29/25 09:47	10/30/25 13:57	1
1,2,4-Trimethylbenzene	0.00074	U	0.00074	0.00018	mg/Kg	☼	10/29/25 09:47	10/30/25 13:57	1
1,2-Dibromo-3-Chloropropane	0.00074	U	0.00074	0.00034	mg/Kg	☼	10/29/25 09:47	10/30/25 13:57	1
1,2-Dichlorobenzene	0.00074	U	0.00074	0.00027	mg/Kg	☼	10/29/25 09:47	10/30/25 13:57	1
1,2-Dichloroethane	0.00074	U	0.00074	0.00022	mg/Kg	☼	10/29/25 09:47	10/30/25 13:57	1
1,2-Dichloropropane	0.00074	U	0.00074	0.00031	mg/Kg	☼	10/29/25 09:47	10/30/25 13:57	1
1,3,5-Trimethylbenzene	0.00074	U	0.00074	0.00023	mg/Kg	☼	10/29/25 09:47	10/30/25 13:57	1
1,3-Dichlorobenzene	0.00074	U	0.00074	0.00027	mg/Kg	☼	10/29/25 09:47	10/30/25 13:57	1
1,4-Dichlorobenzene	0.00074	U	0.00074	0.00039	mg/Kg	☼	10/29/25 09:47	10/30/25 13:57	1
2-Butanone (MEK)	0.0037	U	0.0037	0.00027	mg/Kg	☼	10/29/25 09:47	10/30/25 13:57	1
2-Hexanone	0.0037	U	0.0037	0.0013	mg/Kg	☼	10/29/25 09:47	10/30/25 13:57	1
4-Methyl-2-pentanone (MIBK)	0.0037	U	0.0037	0.0012	mg/Kg	☼	10/29/25 09:47	10/30/25 13:57	1
Acetone	**0.0065**		0.0045	0.0043	mg/Kg	☼	10/29/25 09:47	10/30/25 13:57	1
Benzene	0.00074	U	0.00074	0.00042	mg/Kg	☼	10/29/25 09:47	10/30/25 13:57	1
Bromoform	0.00074	U	0.00074	0.00032	mg/Kg	☼	10/29/25 09:47	10/30/25 13:57	1
Bromomethane	0.0015	U	0.0015	0.00074	mg/Kg	☼	10/29/25 09:47	10/30/25 13:57	1
Carbon disulfide	0.00074	U	0.00074	0.00020	mg/Kg	☼	10/29/25 09:47	10/30/25 13:57	1
Carbon tetrachloride	0.00074	U	0.00074	0.00029	mg/Kg	☼	10/29/25 09:47	10/30/25 13:57	1
Chlorobenzene	0.00074	U	0.00074	0.00038	mg/Kg	☼	10/29/25 09:47	10/30/25 13:57	1
Chlorobromomethane	0.00074	U	0.00074	0.00044	mg/Kg	☼	10/29/25 09:47	10/30/25 13:57	1
Chlorodibromomethane	0.00074	U	0.00074	0.00040	mg/Kg	☼	10/29/25 09:47	10/30/25 13:57	1
Chloroethane	0.00074	U	0.00074	0.00039	mg/Kg	☼	10/29/25 09:47	10/30/25 13:57	1
Chloroform	0.00074	U	0.00074	0.00072	mg/Kg	☼	10/29/25 09:47	10/30/25 13:57	1
Chloromethane	0.00074	U	0.00074	0.00032	mg/Kg	☼	10/29/25 09:47	10/30/25 13:57	1
cis-1,2-Dichloroethene	0.00074	U	0.00074	0.00027	mg/Kg	☼	10/29/25 09:47	10/30/25 13:57	1
cis-1,3-Dichloropropene	0.00074	U	0.00074	0.00020	mg/Kg	☼	10/29/25 09:47	10/30/25 13:57	1
Cyclohexane	0.00074	U	0.00074	0.00016	mg/Kg	☼	10/29/25 09:47	10/30/25 13:57	1
Dichlorobromomethane	0.00074	U	0.00074	0.00019	mg/Kg	☼	10/29/25 09:47	10/30/25 13:57	1
Dichlorodifluoromethane	0.00074	U	0.00074	0.00025	mg/Kg	☼	10/29/25 09:47	10/30/25 13:57	1
Ethylbenzene	0.00074	U	0.00074	0.00035	mg/Kg	☼	10/29/25 09:47	10/30/25 13:57	1
Ethylene Dibromide	0.00074	U	0.00074	0.00037	mg/Kg	☼	10/29/25 09:47	10/30/25 13:57	1
Isopropylbenzene	0.00074	U	0.00074	0.00021	mg/Kg	☼	10/29/25 09:47	10/30/25 13:57	1
Methyl acetate	0.0037	U	0.0037	0.0032	mg/Kg	☼	10/29/25 09:47	10/30/25 13:57	1
Methyl tert-butyl ether	0.00074	U	0.00074	0.00038	mg/Kg	☼	10/29/25 09:47	10/30/25 13:57	1
Methylcyclohexane	0.00074	U	0.00074	0.00037	mg/Kg	☼	10/29/25 09:47	10/30/25 13:57	1
Methylene Chloride	**0.00097**	**J**	0.0015	0.00085	mg/Kg	☼	10/29/25 09:47	10/30/25 13:57	1
m-Xylene & p-Xylene	0.00074	U	0.00074	0.00031	mg/Kg	☼	10/29/25 09:47	10/30/25 13:57	1
n-Butylbenzene	0.00074	U	0.00074	0.00022	mg/Kg	☼	10/29/25 09:47	10/30/25 13:57	1
N-Propylbenzene	0.00074	U	0.00074	0.00033	mg/Kg	☼	10/29/25 09:47	10/30/25 13:57	1
o-Xylene	0.00074	U	0.00074	0.00034	mg/Kg	☼	10/29/25 09:47	10/30/25 13:57	1
sec-Butylbenzene	0.00074	U	0.00074	0.00021	mg/Kg	☼	10/29/25 09:47	10/30/25 13:57	1
Styrene	0.00074	U	0.00074	0.00021	mg/Kg	☼	10/29/25 09:47	10/30/25 13:57	1

Client Sample ID: 52E1_4-5
Date Collected: 10/28/25 13:00
Date Received: 10/28/25 17:45

Lab Sample ID: 460-338106-1
Matrix: Solid
Percent Solids: 93.6

Method: SW846 8260D - Volatile Organic Compounds by GC/MS (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
tert-Butylbenzene	0.00074	U	0.00074	0.00021	mg/Kg	☼	10/29/25 09:47	10/30/25 13:57	1
Tetrachloroethene	0.00074	U	0.00074	0.00023	mg/Kg	☼	10/29/25 09:47	10/30/25 13:57	1
Toluene	**0.00031**	**J**	0.00074	0.00017	mg/Kg	☼	10/29/25 09:47	10/30/25 13:57	1
trans-1,2-Dichloroethene	0.00074	U	0.00074	0.00018	mg/Kg	☼	10/29/25 09:47	10/30/25 13:57	1
trans-1,3-Dichloropropene	0.00074	U	0.00074	0.00020	mg/Kg	☼	10/29/25 09:47	10/30/25 13:57	1
Trichloroethene	0.00074	U	0.00074	0.00024	mg/Kg	☼	10/29/25 09:47	10/30/25 13:57	1
Trichlorofluoromethane	0.00074	U	0.00074	0.00030	mg/Kg	☼	10/29/25 09:47	10/30/25 13:57	1
Vinyl chloride	0.00074	U	0.00074	0.00041	mg/Kg	☼	10/29/25 09:47	10/30/25 13:57	1
Xylenes, Total	0.0015	U	0.0015	0.00013	mg/Kg	☼	10/29/25 09:47	10/30/25 13:57	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,2-Dichloroethane-d4 (Surr)	*104*		*65 - 138*	*10/29/25 09:47*	*10/30/25 13:57*	*1*
4-Bromofluorobenzene	*128*		*71 - 128*	*10/29/25 09:47*	*10/30/25 13:57*	*1*
Dibromofluoromethane (Surr)	*102*		*50 - 150*	*10/29/25 09:47*	*10/30/25 13:57*	*1*
Toluene-d8 (Surr)	*107*		*71 - 126*	*10/29/25 09:47*	*10/30/25 13:57*	*1*

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Percent Moisture (EPA Moisture)	**6.4**		1.0	1.0	%			10/28/25 20:10	1
Percent Solids (EPA Moisture)	**93.6**		1.0	1.0	%			10/28/25 20:10	1

Surrogate Summary

Client: Haley & Aldrich, Inc.
Project/Site: Former Port Mobil

Job ID: 460-338106-1

Method: 8260D - Volatile Organic Compounds by GC/MS

Matrix: Solid

Prep Type: Total/NA

		Percent Surrogate Recovery (Acceptance Limits)			
		DCA	BFB	DBFM	TOL
Lab Sample ID	Client Sample ID	(65-138)	(71-128)	(50-150)	(71-126)
460-338106-1	52E1_4-5	104	128	102	107
LCS 460-1071508/2	Lab Control Sample	95	118	95	104
LCSD 460-1071508/4	Lab Control Sample Dup	97	122	101	108
MB 460-1071508/7	Method Blank	95	122	97	103

Surrogate Legend

DCA = 1,2-Dichloroethane-d4 (Surr)
BFB = 4-Bromofluorobenzene
DBFM = Dibromofluoromethane (Surr)
TOL = Toluene-d8 (Surr)

Method: 8260D - Volatile Organic Compounds by GC/MS

Lab Sample ID: MB 460-1071508/7
Matrix: Solid
Analysis Batch: 1071508

Client Sample ID: Method Blank
Prep Type: Total/NA

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1-Trichloroethane	0.0010	U	0.0010	0.00023	mg/Kg			10/30/25 06:27	1
1,1,2,2-Tetrachloroethane	0.0010	U	0.0010	0.00052	mg/Kg			10/30/25 06:27	1
1,1,2-Trichloro-1,2,2-trifluoroethane	0.0010	U	0.0010	0.00030	mg/Kg			10/30/25 06:27	1
1,1,2-Trichloroethane	0.0010	U	0.0010	0.00060	mg/Kg			10/30/25 06:27	1
1,1-Dichloroethane	0.0010	U	0.0010	0.00060	mg/Kg			10/30/25 06:27	1
1,1-Dichloroethene	0.0010	U	0.0010	0.00023	mg/Kg			10/30/25 06:27	1
1,2,3-Trichlorobenzene	0.0010	U	0.0010	0.00074	mg/Kg			10/30/25 06:27	1
1,2,4-Trichlorobenzene	0.0010	U	0.0010	0.00036	mg/Kg			10/30/25 06:27	1
1,2,4-Trimethylbenzene	0.0010	U	0.0010	0.00025	mg/Kg			10/30/25 06:27	1
1,2-Dibromo-3-Chloropropane	0.0010	U	0.0010	0.00046	mg/Kg			10/30/25 06:27	1
1,2-Dichlorobenzene	0.0010	U	0.0010	0.00036	mg/Kg			10/30/25 06:27	1
1,2-Dichloroethane	0.0010	U	0.0010	0.00030	mg/Kg			10/30/25 06:27	1
1,2-Dichloropropane	0.0010	U	0.0010	0.00042	mg/Kg			10/30/25 06:27	1
1,3,5-Trimethylbenzene	0.0010	U	0.0010	0.00031	mg/Kg			10/30/25 06:27	1
1,3-Dichlorobenzene	0.0010	U	0.0010	0.00037	mg/Kg			10/30/25 06:27	1
1,4-Dichlorobenzene	0.0010	U	0.0010	0.00052	mg/Kg			10/30/25 06:27	1
2-Butanone (MEK)	0.0050	U	0.0050	0.00037	mg/Kg			10/30/25 06:27	1
2-Hexanone	0.0050	U	0.0050	0.0017	mg/Kg			10/30/25 06:27	1
4-Methyl-2-pentanone (MIBK)	0.0050	U	0.0050	0.0016	mg/Kg			10/30/25 06:27	1
Acetone	0.0060	U	0.0060	0.0057	mg/Kg			10/30/25 06:27	1
Benzene	0.0010	U	0.0010	0.00057	mg/Kg			10/30/25 06:27	1
Bromoform	0.0010	U	0.0010	0.00043	mg/Kg			10/30/25 06:27	1
Bromomethane	0.0020	U	0.0020	0.0010	mg/Kg			10/30/25 06:27	1
Carbon disulfide	0.0010	U	0.0010	0.00027	mg/Kg			10/30/25 06:27	1
Carbon tetrachloride	0.0010	U	0.0010	0.00039	mg/Kg			10/30/25 06:27	1
Chlorobenzene	0.0010	U	0.0010	0.00051	mg/Kg			10/30/25 06:27	1
Chlorobromomethane	0.0010	U	0.0010	0.00060	mg/Kg			10/30/25 06:27	1
Chlorodibromomethane	0.0010	U	0.0010	0.00054	mg/Kg			10/30/25 06:27	1
Chloroethane	0.0010	U	0.0010	0.00052	mg/Kg			10/30/25 06:27	1
Chloroform	0.0010	U	0.0010	0.00097	mg/Kg			10/30/25 06:27	1
Chloromethane	0.0010	U	0.0010	0.00044	mg/Kg			10/30/25 06:27	1
cis-1,2-Dichloroethene	0.0010	U	0.0010	0.00036	mg/Kg			10/30/25 06:27	1
cis-1,3-Dichloropropene	0.0010	U	0.0010	0.00027	mg/Kg			10/30/25 06:27	1
Cyclohexane	0.0010	U	0.0010	0.00022	mg/Kg			10/30/25 06:27	1
Dichlorobromomethane	0.0010	U	0.0010	0.00026	mg/Kg			10/30/25 06:27	1
Dichlorodifluoromethane	0.0010	U	0.0010	0.00034	mg/Kg			10/30/25 06:27	1
Ethylbenzene	0.0010	U	0.0010	0.00047	mg/Kg			10/30/25 06:27	1
Ethylene Dibromide	0.0010	U	0.0010	0.00050	mg/Kg			10/30/25 06:27	1
Isopropylbenzene	0.0010	U	0.0010	0.00029	mg/Kg			10/30/25 06:27	1
Methyl acetate	0.0050	U	0.0050	0.0043	mg/Kg			10/30/25 06:27	1
Methyl tert-butyl ether	0.0010	U	0.0010	0.00051	mg/Kg			10/30/25 06:27	1
Methylcyclohexane	0.0010	U	0.0010	0.00050	mg/Kg			10/30/25 06:27	1
Methylene Chloride	0.0020	U	0.0020	0.0011	mg/Kg			10/30/25 06:27	1
m-Xylene & p-Xylene	0.0010	U	0.0010	0.00042	mg/Kg			10/30/25 06:27	1
n-Butylbenzene	0.0010	U	0.0010	0.00029	mg/Kg			10/30/25 06:27	1
N-Propylbenzene	0.0010	U	0.0010	0.00045	mg/Kg			10/30/25 06:27	1
o-Xylene	0.0010	U	0.0010	0.00046	mg/Kg			10/30/25 06:27	1
sec-Butylbenzene	0.0010	U	0.0010	0.00029	mg/Kg			10/30/25 06:27	1

Method: 8260D - Volatile Organic Compounds by GC/MS (Continued)

Lab Sample ID: MB 460-1071508/7
Matrix: Solid
Analysis Batch: 1071508

Client Sample ID: Method Blank
Prep Type: Total/NA

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Styrene	0.0010	U	0.0010	0.00028	mg/Kg			10/30/25 06:27	1
tert-Butylbenzene	0.0010	U	0.0010	0.00028	mg/Kg			10/30/25 06:27	1
Tetrachloroethene	0.0010	U	0.0010	0.00031	mg/Kg			10/30/25 06:27	1
Toluene	0.0010	U	0.0010	0.00023	mg/Kg			10/30/25 06:27	1
trans-1,2-Dichloroethene	0.0010	U	0.0010	0.00025	mg/Kg			10/30/25 06:27	1
trans-1,3-Dichloropropene	0.0010	U	0.0010	0.00027	mg/Kg			10/30/25 06:27	1
Trichloroethene	0.0010	U	0.0010	0.00032	mg/Kg			10/30/25 06:27	1
Trichlorofluoromethane	0.0010	U	0.0010	0.00041	mg/Kg			10/30/25 06:27	1
Vinyl chloride	0.0010	U	0.0010	0.00055	mg/Kg			10/30/25 06:27	1
Xylenes, Total	0.0020	U	0.0020	0.00017	mg/Kg			10/30/25 06:27	1

Surrogate	*MB %Recovery*	*MB Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,2-Dichloroethane-d4 (Surr)	*95*		*65 - 138*		*10/30/25 06:27*	*1*
4-Bromofluorobenzene	*122*		*71 - 128*		*10/30/25 06:27*	*1*
Dibromofluoromethane (Surr)	*97*		*50 - 150*		*10/30/25 06:27*	*1*
Toluene-d8 (Surr)	*103*		*71 - 126*		*10/30/25 06:27*	*1*

Lab Sample ID: LCS 460-1071508/2
Matrix: Solid
Analysis Batch: 1071508

Client Sample ID: Lab Control Sample
Prep Type: Total/NA

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
1,1,1-Trichloroethane	0.0200	0.0187		mg/Kg		94	78 - 120
1,1,2,2-Tetrachloroethane	0.0200	0.0190		mg/Kg		95	70 - 133
1,1,2-Trichloro-1,2,2-trifluoroethane	0.0200	0.0200		mg/Kg		100	75 - 121
1,1,2-Trichloroethane	0.0200	0.0180		mg/Kg		90	80 - 120
1,1-Dichloroethane	0.0200	0.0172		mg/Kg		86	72 - 120
1,1-Dichloroethene	0.0200	0.0205		mg/Kg		102	76 - 120
1,2,3-Trichlorobenzene	0.0200	0.0217		mg/Kg		109	77 - 137
1,2,4-Trichlorobenzene	0.0200	0.0217		mg/Kg		108	77 - 136
1,2,4-Trimethylbenzene	0.0200	0.0222		mg/Kg		111	75 - 120
1,2-Dibromo-3-Chloropropane	0.0200	0.0204		mg/Kg		102	80 - 124
1,2-Dichlorobenzene	0.0200	0.0209		mg/Kg		104	80 - 120
1,2-Dichloroethane	0.0200	0.0167		mg/Kg		83	70 - 123
1,2-Dichloropropane	0.0200	0.0167		mg/Kg		83	73 - 124
1,3,5-Trimethylbenzene	0.0200	0.0231		mg/Kg		116	70 - 120
1,3-Dichlorobenzene	0.0200	0.0220		mg/Kg		110	80 - 120
1,4-Dichlorobenzene	0.0200	0.0211		mg/Kg		106	80 - 120
2-Butanone (MEK)	0.100	0.0894		mg/Kg		89	64 - 128
2-Hexanone	0.100	0.0889		mg/Kg		89	75 - 120
4-Methyl-2-pentanone (MIBK)	0.100	0.0870		mg/Kg		87	80 - 120
Acetone	0.100	0.0786		mg/Kg		79	58 - 122
Benzene	0.0200	0.0201		mg/Kg		101	75 - 120
Bromoform	0.0200	0.0201		mg/Kg		100	61 - 125
Bromomethane	0.0200	0.0204		mg/Kg		102	37 - 150
Carbon disulfide	0.0200	0.0219		mg/Kg		110	57 - 133
Carbon tetrachloride	0.0200	0.0202		mg/Kg		101	66 - 127
Chlorobenzene	0.0200	0.0199		mg/Kg		99	80 - 120

Method: 8260D - Volatile Organic Compounds by GC/MS (Continued)

Lab Sample ID: LCS 460-1071508/2
Matrix: Solid
Analysis Batch: 1071508

Client Sample ID: Lab Control Sample
Prep Type: Total/NA

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
Chlorobromomethane	0.0200	0.0178		mg/Kg		89	76 - 127
Chlorodibromomethane	0.0200	0.0196		mg/Kg		98	72 - 120
Chloroethane	0.0200	0.0177		mg/Kg		88	60 - 123
Chloroform	0.0200	0.0171		mg/Kg		85	79 - 126
Chloromethane	0.0200	0.0187		mg/Kg		94	46 - 122
cis-1,2-Dichloroethene	0.0200	0.0183		mg/Kg		91	80 - 123
cis-1,3-Dichloropropene	0.0200	0.0188		mg/Kg		94	75 - 120
Cyclohexane	0.0200	0.0200		mg/Kg		100	65 - 132
Dichlorobromomethane	0.0200	0.0171		mg/Kg		85	77 - 124
Dichlorodifluoromethane	0.0200	0.0238		mg/Kg		119	45 - 129
Ethylbenzene	0.0200	0.0207		mg/Kg		103	80 - 120
Ethylene Dibromide	0.0200	0.0193		mg/Kg		96	79 - 120
Isopropylbenzene	0.0200	0.0210		mg/Kg		105	74 - 120
Methyl acetate	0.0400	0.0321		mg/Kg		80	57 - 120
Methyl tert-butyl ether	0.0200	0.0161		mg/Kg		81	74 - 125
Methylcyclohexane	0.0200	0.0195		mg/Kg		98	66 - 125
Methylene Chloride	0.0200	0.0172		mg/Kg		86	78 - 120
m-Xylene & p-Xylene	0.0200	0.0205		mg/Kg		103	80 - 120
n-Butylbenzene	0.0200	0.0223		mg/Kg		111	72 - 120
N-Propylbenzene	0.0200	0.0223		mg/Kg		112	68 - 120
o-Xylene	0.0200	0.0204		mg/Kg		102	80 - 120
sec-Butylbenzene	0.0200	0.0232		mg/Kg		116	78 - 120
Styrene	0.0200	0.0191		mg/Kg		96	80 - 120
tert-Butylbenzene	0.0200	0.0215		mg/Kg		107	80 - 120
Tetrachloroethene	0.0200	0.0225		mg/Kg		113	73 - 120
Toluene	0.0200	0.0199		mg/Kg		100	80 - 120
trans-1,2-Dichloroethene	0.0200	0.0195		mg/Kg		97	78 - 120
trans-1,3-Dichloropropene	0.0200	0.0180		mg/Kg		90	77 - 120
Trichloroethene	0.0200	0.0185		mg/Kg		93	80 - 120
Trichlorofluoromethane	0.0200	0.0213		mg/Kg		106	61 - 130
Vinyl chloride	0.0200	0.0191		mg/Kg		95	54 - 122
Xylenes, Total	0.0400	0.0409		mg/Kg		102	80 - 120

Surrogate	*LCS %Recovery*	*LCS Qualifier*	*Limits*
1,2-Dichloroethane-d4 (Surr)	*95*		*65 - 138*
4-Bromofluorobenzene	*118*		*71 - 128*
Dibromofluoromethane (Surr)	*95*		*50 - 150*
Toluene-d8 (Surr)	*104*		*71 - 126*

Lab Sample ID: LCSD 460-1071508/4
Matrix: Solid
Analysis Batch: 1071508

Client Sample ID: Lab Control Sample Dup
Prep Type: Total/NA

Analyte	Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
1,1,1-Trichloroethane	0.0200	0.0183		mg/Kg		92	78 - 120	2	30
1,1,2,2-Tetrachloroethane	0.0200	0.0197		mg/Kg		99	70 - 133	4	30
1,1,2-Trichloro-1,2,2-trifluoroethane	0.0200	0.0197		mg/Kg		98	75 - 121	2	30
1,1,2-Trichloroethane	0.0200	0.0188		mg/Kg		94	80 - 120	4	30

Method: 8260D - Volatile Organic Compounds by GC/MS (Continued)

Lab Sample ID: LCSD 460-1071508/4
Matrix: Solid
Analysis Batch: 1071508

Client Sample ID: Lab Control Sample Dup
Prep Type: Total/NA

Analyte	Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
1,1-Dichloroethane	0.0200	0.0170		mg/Kg		85	72 - 120	1	30
1,1-Dichloroethene	0.0200	0.0193		mg/Kg		96	76 - 120	6	30
1,2,3-Trichlorobenzene	0.0200	0.0229		mg/Kg		114	77 - 137	5	30
1,2,4-Trichlorobenzene	0.0200	0.0231		mg/Kg		115	77 - 136	6	30
1,2,4-Trimethylbenzene	0.0200	0.0215		mg/Kg		108	75 - 120	3	30
1,2-Dibromo-3-Chloropropane	0.0200	0.0207		mg/Kg		104	80 - 124	2	30
1,2-Dichlorobenzene	0.0200	0.0213		mg/Kg		106	80 - 120	2	30
1,2-Dichloroethane	0.0200	0.0171		mg/Kg		86	70 - 123	3	30
1,2-Dichloropropane	0.0200	0.0167		mg/Kg		83	73 - 124	0	30
1,3,5-Trimethylbenzene	0.0200	0.0224		mg/Kg		112	70 - 120	3	30
1,3-Dichlorobenzene	0.0200	0.0217		mg/Kg		108	80 - 120	1	30
1,4-Dichlorobenzene	0.0200	0.0211		mg/Kg		106	80 - 120	0	30
2-Butanone (MEK)	0.100	0.0910		mg/Kg		91	64 - 128	2	30
2-Hexanone	0.100	0.0921		mg/Kg		92	75 - 120	4	30
4-Methyl-2-pentanone (MIBK)	0.100	0.0914		mg/Kg		91	80 - 120	5	30
Acetone	0.100	0.0781		mg/Kg		78	58 - 122	1	30
Benzene	0.0200	0.0196		mg/Kg		98	75 - 120	2	30
Bromoform	0.0200	0.0210		mg/Kg		105	61 - 125	4	30
Bromomethane	0.0200	0.0205		mg/Kg		103	37 - 150	1	30
Carbon disulfide	0.0200	0.0207		mg/Kg		103	57 - 133	6	30
Carbon tetrachloride	0.0200	0.0187		mg/Kg		94	66 - 127	7	30
Chlorobenzene	0.0200	0.0197		mg/Kg		98	80 - 120	1	30
Chlorobromomethane	0.0200	0.0184		mg/Kg		92	76 - 127	3	30
Chlorodibromomethane	0.0200	0.0204		mg/Kg		102	72 - 120	4	30
Chloroethane	0.0200	0.0180		mg/Kg		90	60 - 123	2	30
Chloroform	0.0200	0.0169		mg/Kg		85	79 - 126	1	30
Chloromethane	0.0200	0.0188		mg/Kg		94	46 - 122	0	30
cis-1,2-Dichloroethene	0.0200	0.0176		mg/Kg		88	80 - 123	4	30
cis-1,3-Dichloropropene	0.0200	0.0191		mg/Kg		95	75 - 120	1	30
Cyclohexane	0.0200	0.0194		mg/Kg		97	65 - 132	3	30
Dichlorobromomethane	0.0200	0.0174		mg/Kg		87	77 - 124	2	30
Dichlorodifluoromethane	0.0200	0.0228		mg/Kg		114	45 - 129	4	30
Ethylbenzene	0.0200	0.0204		mg/Kg		102	80 - 120	1	30
Ethylene Dibromide	0.0200	0.0205		mg/Kg		102	79 - 120	6	30
Isopropylbenzene	0.0200	0.0202		mg/Kg		101	74 - 120	4	30
Methyl acetate	0.0400	0.0333		mg/Kg		83	57 - 120	4	30
Methyl tert-butyl ether	0.0200	0.0168		mg/Kg		84	74 - 125	4	30
Methylcyclohexane	0.0200	0.0198		mg/Kg		99	66 - 125	1	30
Methylene Chloride	0.0200	0.0170		mg/Kg		85	78 - 120	1	30
m-Xylene & p-Xylene	0.0200	0.0199		mg/Kg		99	80 - 120	3	30
n-Butylbenzene	0.0200	0.0218		mg/Kg		109	72 - 120	2	30
N-Propylbenzene	0.0200	0.0211		mg/Kg		105	68 - 120	6	30
o-Xylene	0.0200	0.0199		mg/Kg		100	80 - 120	2	30
sec-Butylbenzene	0.0200	0.0222		mg/Kg		111	78 - 120	5	30
Styrene	0.0200	0.0186		mg/Kg		93	80 - 120	3	30
tert-Butylbenzene	0.0200	0.0208		mg/Kg		104	80 - 120	3	30
Tetrachloroethene	0.0200	0.0216		mg/Kg		108	73 - 120	4	30
Toluene	0.0200	0.0196		mg/Kg		98	80 - 120	2	30
trans-1,2-Dichloroethene	0.0200	0.0186		mg/Kg		93	78 - 120	5	30

Method: 8260D - Volatile Organic Compounds by GC/MS (Continued)

Lab Sample ID: LCSD 460-1071508/4
Matrix: Solid
Analysis Batch: 1071508

Client Sample ID: Lab Control Sample Dup
Prep Type: Total/NA

Analyte			Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
trans-1,3-Dichloropropene			0.0200	0.0190		mg/Kg		95	77 - 120	6	30
Trichloroethene			0.0200	0.0179		mg/Kg		90	80 - 120	3	30
Trichlorofluoromethane			0.0200	0.0206		mg/Kg		103	61 - 130	4	30
Vinyl chloride			0.0200	0.0189		mg/Kg		95	54 - 122	1	30
Xylenes, Total			0.0400	0.0398		mg/Kg		100	80 - 120	3	30

Surrogate	*LCSD %Recovery*	*LCSD Qualifier*	*Limits*
1,2-Dichloroethane-d4 (Surr)	*97*		*65 - 138*
4-Bromofluorobenzene	*122*		*71 - 128*
Dibromofluoromethane (Surr)	*101*		*50 - 150*
Toluene-d8 (Surr)	*108*		*71 - 126*

Method: Moisture - Percent Moisture

Lab Sample ID: 460-338100-D-2 DU
Matrix: Solid
Analysis Batch: 1071202

Client Sample ID: Duplicate
Prep Type: Total/NA

Analyte	Sample Result	Sample Qualifier		DU Result	DU Qualifier	Unit	D			RPD	RPD Limit
Percent Moisture	6.4			5.3		%				18	20
Percent Solids	93.6			94.7		%				1	20

QC Association Summary

Client: Haley & Aldrich, Inc.
Project/Site: Former Port Mobil

Job ID: 460-338106-1

GC/MS VOA

Prep Batch: 1071351

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
460-338106-1	52E1_4-5	Total/NA	Solid	5035	

Analysis Batch: 1071508

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
460-338106-1	52E1_4-5	Total/NA	Solid	8260D	1071351
MB 460-1071508/7	Method Blank	Total/NA	Solid	8260D	
LCS 460-1071508/2	Lab Control Sample	Total/NA	Solid	8260D	
LCSD 460-1071508/4	Lab Control Sample Dup	Total/NA	Solid	8260D	

General Chemistry

Analysis Batch: 1071202

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
460-338106-1	52E1_4-5	Total/NA	Solid	Moisture	
460-338064-A-42 MS	Matrix Spike	Total/NA	Solid	Moisture	
460-338064-A-42 MSD	Matrix Spike Duplicate	Total/NA	Solid	Moisture	
460-338100-D-2 DU	Duplicate	Total/NA	Solid	Moisture	

Lab Chronicle

Client: Haley & Aldrich, Inc.
Project/Site: Former Port Mobil

Job ID: 460-338106-1

Client Sample ID: 52E1_4-5
Date Collected: 10/28/25 13:00
Date Received: 10/28/25 17:45

Lab Sample ID: 460-338106-1
Matrix: Solid

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Analysis	Moisture		1	1071202	CJC	EET EDI	10/28/25 20:10

Client Sample ID: 52E1_4-5
Date Collected: 10/28/25 13:00
Date Received: 10/28/25 17:45

Lab Sample ID: 460-338106-1
Matrix: Solid
Percent Solids: 93.6

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Prep	5035			1071351	JCZ	EET EDI	10/29/25 09:47
Total/NA	Analysis	8260D		1	1071508	AAT	EET EDI	10/30/25 13:57

Laboratory References:

EET EDI = Eurofins Edison, 777 New Durham Road, Edison, NJ 08817, TEL (732)549-3900

Accreditation/Certification Summary

Client: Haley & Aldrich, Inc.
Project/Site: Former Port Mobil

Job ID: 460-338106-1

Laboratory: Eurofins Edison

Unless otherwise noted, all analytes for this laboratory were covered under each accreditation/certification below.

Authority	Program	Identification Number	Expiration Date
New York	NELAP	11452	04-01-26

The following analytes are included in this report, but the laboratory is not certified by the governing authority. This list may include analytes for which the agency does not offer certification.

Analysis Method	Prep Method	Matrix	Analyte
Moisture		Solid	Percent Moisture
Moisture		Solid	Percent Solids

Method Summary

Client: Haley & Aldrich, Inc.
Project/Site: Former Port Mobil

Job ID: 460-338106-1

Method	Method Description	Protocol	Laboratory
8260D	Volatile Organic Compounds by GC/MS	SW846	EET EDI
Moisture	Percent Moisture	EPA	EET EDI
5035	Closed System Purge and Trap	SW846	EET EDI

Protocol References:

EPA = US Environmental Protection Agency

SW846 = "Test Methods For Evaluating Solid Waste, Physical/Chemical Methods", Third Edition, November 1986 And Its Updates.

Laboratory References:

EET EDI = Eurofins Edison, 777 New Durham Road, Edison, NJ 08817, TEL (732)549-3900

Sample Summary

Client: Haley & Aldrich, Inc.
Project/Site: Former Port Mobil

Job ID: 460-338106-1

Lab Sample ID	Client Sample ID	Matrix	Collected	Received	Sample Origin
460-338106-1	52E1_4-5	Solid	10/28/25 13:00	10/28/25 17:45	New York

Chain of Custody Record 743241

eurofins | Environment Testing

Address: 4101 Arthur Kill Rd
Staten Island, NY

Regulatory Program ☐ DW ☐ NPDES ☐ RCRA ☐ Other

TAL-8210

Client Contact	Project Manager: S Bell	Site Contact:	Date: 10/28/25	COC No:
Company Name: H&L of NY	Tel/Email: spell@lakeraldr ch com	Lab Contact: E Flannery	Carrier:	1 of 1 COCs
Address: 213 W 35th St	Analysis Turnaround Time			Sampler: CTL
City/State/Zip: NY, NY 10001	☐ CALENDAR DAYS ☒ WORKING DAYS			For Lab Use Only:
Phone: 3comm.sso@lakeyaldr.ch.com	TAT if different from Below			Walk-in Client:
Fax: tgonsaux@lakeyaldr.ch.com	☐ 2 weeks			Lab Sampling:
Project Name: 4101 Arthur Kill	☒ 1 week			Job / SDG No. 338106
Site: Former Port Mob.	☐ 2 days			
PO# 0213336 001-002-06	☐ 1 day			

Sample Identification	Sample Date	Sample Time	Sample Type (C=Comp, G=Grab)	Matrix	# of Cont.	Filtered Sample (Y/N)	Perform MS/MSD (Y/N)	VOCs 8260B	Sample Specific Notes.
S2E1_4-5	10/28/25	15:00	G	S	4	N	N	X	

SHORT HOLD

460-338106 Chain of Custody

Preservation Used: 1= Ice, 2= HCl, 3= H_2SO_4, 4=HNO_3, 5=NaOH, 6= Other

Possible Hazard Identification
Are any samples from a listed EPA Hazardous Waste? Please List any EPA Waste Codes for the sample in the Comments Section if the lab is to dispose of the sample.

☐ Non-Hazard ☐ Flammable ☐ Skin Irritant ☐ Poison B ☐ Unknown

Sample Disposal (A fee may be assessed if samples are retained longer than 1 month)

☐ Return to Client ☐ Disposal by Lab ☐ Archive for _____ Months

Special Instructions/QC Requirements & Comments.

Custody Seals Intact: ☐ Yes ☐ No | Custody Seal No. | Cooler Temp. (°C): Obs'd: | Corr'd. | Therm ID No.:

Relinquished by	Company	Date/Time	Received by	Company	Date/Time
Charlie Lastrocovi	H&L of NY	10/28/25			10/28 16:00
Relinquished by	Company	Date/Time	Received by	Company	Date/Time
	EET	10/28 17:45	Emily Baffa	ETA	10/28/25 17:45
Relinquished by	Company	Date/Time	Received in Laboratory by	Company	Date/Time

VOCs 8.1.3 #9

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10/31/2025

Job Number: 338106

Eurofins TestAmerica Edison
Receipt Temperature and pH Log

Number of Coolers: 1 IR Gun # 9

Cooler Temperatures

	RAW	CORRECTED		RAW	CORRECTED		RAW	CORRECTED
Cooler #1:	8 °C	3 °C	Cooler #4:	°C	°C	Cooler #7:	°C	°C
Cooler #2:	°C	°C	Cooler #5:	°C	°C	Cooler #8:	°C	°C
Cooler #3:	°C	°C	Cooler #6:	°C	°C	Cooler #9:	°C	°C

TALS Sample Number	Ammonia (pH<2)	COD (pH<2)	Nitrate Nitrite (pH<2)	Metals* (pH<2)	Hardness (pH<2)	Pest (pH 5-9)	EPH or QAM (pH<2)	Phenols (pH<2)	Sulfide (pH>9)	TKN (pH<2)	TOC (pH<2)	Total Cyanide (pH>12)	Total Phos (pH<2)	Other	Other

If pH adjustments are required record the information below:

Sample No(s). adjusted: _____

Preservative Name/Conc. _____ Volume of Preservative used (ml) _____

Lot # of Preservative(s): _____ Expiration Date: _____

The appropriate Project Manager and Department Manager should be notified about the samples which were pH adjusted.

Samples for Metal analysis which are out of compliance must be acidified at least 24 hours prior to analysis.

Initials: _____ Date: 10/28/25

EDS-WI-038, Rev 4.1
10/22/2019

Login Sample Receipt Checklist

Client: Haley & Aldrich, Inc.

Job Number: 460-338106-1

Login Number: 338106
List Number: 1
Creator: Rivera, Kenneth

List Source: Eurofins Edison

Question	Answer	Comment
Radioactivity wasn't checked or is </= background as measured by a survey meter.	N/A	
The cooler's custody seal, if present, is intact.	True	
Sample custody seals, if present, are intact.	True	
The cooler or samples do not appear to have been compromised or tampered with.	True	
Samples were received on ice.	True	
Cooler Temperature is acceptable.	True	
Cooler Temperature is recorded.	True	
COC is present.	True	
COC is filled out in ink and legible.	True	
COC is filled out with all pertinent information.	True	
Is the Field Sampler's name present on COC?	True	
There are no discrepancies between the containers received and the COC.	True	
Samples are received within Holding Time (excluding tests with immediate HTs)	True	
Sample containers have legible labels.	True	
Containers are not broken or leaking.	True	
Sample collection date/times are provided.	True	
Appropriate sample containers are used.	True	
Sample bottles are completely filled.	True	
Sample Preservation Verified.	True	
There is sufficient vol. for all requested analyses, incl. any requested MS/MSDs	True	
Containers requiring zero headspace have no headspace or bubble is <6mm (1/4").	True	
Multiphasic samples are not present.	True	
Samples do not require splitting or compositing.	True	
Residual Chlorine Checked.	N/A	

ATTACHMENT 3
Data Usability Summary Reports

Data Usability Summary Report

Project Name: Former Port Mobil Project

Description: Groundwater Samples

Sample Date(s): September and October 2025

Analytical Laboratory: Eurofins Edison – Edison, NJ

Validation Performed by: Kristina Ilina

Validation Reviewed by: Katherine Miller

Validation Date: November 4, 2025

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1. Introduction

H & A of New York Engineering and Geology, LLP prepared this Usability Summary Report (DUSR) to summarize the review and validation of the analytical results for the Sample Delivery Groups (SDGs) listed.

This data validation and usability assessment was performed per the guidance and requirements established by the United States Environmental Protection Agency (USEPA) using the following reference materials:

- National Functional Guidelines (NFG) for Organic Data Review.
- NFG for Organic Data Review.
- Department of Defense (DoD) Data Validation Guidelines Module 3: Data Validation Procedure for PFAS by QSM Table B-15.
- DoD Quality Systems Manual (QSM) for Environmental Laboratories, Version 5.4, Table B-24.
- Sampling, Analysis, and Assessment of Per- and Polyfluoroalkyl Substances (PFAS) Under New York State Department of Environmental Conservation's (NYSDEC's) Part 375 Remedial Programs.
- The project-specific Work Plan (WP)/Sampling Analysis Plan (SAP)/Quality Assurance Project Plan (QAPP), herein referred to as the specified limits (see references section). Written in 2010, the QAPP referenced the NFG written at the time. Data in this report has been reviewed against the most recent NFG.

Data reported in this sampling event were reported to the laboratory method detection limit (MDL). Results found between the MDL and reporting limit (RL) are flagged J as estimated.

Sample data were qualified in accordance with the laboratory's standard operating procedures (SOPs). The results presented in each laboratory report were found to be compliant with the data quality objectives (DQOs) for the project and are therefore usable; any exceptions are noted in the following pages and listed below.

A subset of data was qualified as estimated due to high/low laboratory control sample/laboratory control sample duplicate (LCS/LCSD) recoveries and high relative percent difference (RPD) exceedances, high/low matrix spike/matrix spike duplicate (MS/MSD) recoveries and high RPD exceedances, high surrogates recoveries, high/low extraction internal standards recoveries, high ion ratios and high RPDs for column confirmation and laboratory duplicate RPD exceedances. All results are usable. A summary of qualifications is provided in Table 9.

2. Sample Delivery Group

2.1 SAMPLE MANAGEMENT

This DUSR summarizes the review of SDG numbers:

- 460-335747-1, dated October 6, 2025;
- 460-335806-1, dated October 7, 2025;
- 460-335975-1, dated October 8, 2025;
- 460-336081-1, dated October 9, 2025;
- 460-336212-1, dated October 13, 2025;
- 460-336309-1, dated October 13, 2025;
- 460-336467-1, dated October 13, 2025;
- 460-336556-1, dated October 15, 2025;
- 460-336648-1, dated October 16, 2025;
- 460-336761-1, dated October 20, 2025;
- 460-336881-1, dated October 21, 2025;
- 460-337049-1, dated October 27, 2025;
- 460-337134-1, dated October 21, 2025; and
- 460-338106-1, dated October 31, 2025.

Samples were collected, preserved, and shipped following standard chain of custody (COC) protocols.

- Samples for E1633A analysis were subcontracted to Eurofins Lancaster Laboratories Environment Testing, LLC – Lancaster, PA.

Samples were also received appropriately, identified correctly, and analyzed according to the COC. Issues noted with sample management are listed below:

- Custody seals were not used on the sample containers for all samples.
- 460-335747-1: The COC was incomplete for samples 53D3_7-8 (460-335747-49), 53D1_0-1 (460-335747-50), 53D2_3-4 (460-335747-51), 53D3_2-3 (460-335747-52), 53D2_4-5 (460-335747-53), 53D1_5-6 (460-335747-54), 53D1_6-7 (460-335747-55), 54D2_4-5 (460-335747-56), 54D1_6-7 (460-335747-57), 54D1_5-6 (460-335747-58), and 54D2_3-4 (460-335747-59); analysis for PFAS is checked on the COC but containers received were for volatile organic compound (VOC) analysis.
- 460-336648-1: The container label for sample 44B1_7-8 (460-336648-36) did not match the COC; containers were labeled 44B2_7-8 (initially written as 44B3_7-8), but per client email, the COC ID (44B1_7-8) is correct. The container label for sample 44E2_6-7 (460-336648-55) also did not match the COC; containers were labeled 44E1_6-7, but per client email, the COC ID (44E2_6-7) is correct.

- 460-337049-1: Insufficient sample volume was provided for the following sample for the VOC and Percent Solids analyses: 52E1_4-5 (460-337049-60); all containers were received empty.

Analyses were performed on the samples listed in Table 1. Method holding times information is shown in Table 2.

2.2 HOLDING TIMES/PRESERVATION

The samples arrived at the laboratory at the proper temperature and were prepared and analyzed within the holding time and preservation criteria specified per method protocol.

- The coolers containing samples from SDG 460-335747-1 were received warm at 24.5 and 24.7 degrees Celsius (°C). However, the coolers were delivered same day as sample collection and there is evidence chilling had begun. No additional qualification of the reported results is recommended.

2.3 REPORTING LIMITS AND SAMPLE DILUTIONS

All sample dilutions were reviewed and found to be justified. Dilution of the project samples was required to bring calibration of target analytes within calibration range, matrix interference, foaming at the time of purging, or abundance of non-target analytes.

2.4 REPORTING BASIS (WET/DRY)

Refer to Section E 1.1. Soil data in this SDG were reported on a dry-weight basis. Where reported, percent solid and percent moisture results were reviewed and found to be within limits.

2.5 SURROGATE RECOVERY COMPLIANCE

Refer to Section E 1.2. The percent recovery (%R) for each surrogate compound added to each project sample were determined to be within the laboratory-specified quality control (QC) limits, with the exceptions listed in Table 3.

2.6 BLANK SAMPLE ANALYSIS

Refer to Section E 1.3. Method blank samples had no detections, indicating that no contamination from laboratory activities occurred, with the following exceptions:

Batch ID	Analyte Detected in Blank	Concentration (mg/kg)	Qualifier	Affected Samples
1064825	Styrene	0.000372 J	NA	None, samples are non-detect (ND)
1066077		0.000556 J		
1066075		0.000672 J		
1066309	Toluene	0.000391 J		
1066524	Trichlorofluoromethane	0.000587 J		

Note: *mg/kg = milligrams per kilogram*

2.7 LABORATORY CONTROL SAMPLES

Refer to Section E 1.4. Compounds associated with the LCS/LCSD analyses associated with client samples exhibited recoveries and RPDs within the specified limits, with the exceptions listed in Table 4.

2.8 MATRIX SPIKE SAMPLES

Refer to Section E 1.5. The samples listed in Table 5 were used for MS/MSD.

The MS/MSD recoveries and the RPD between the MS and MSD results were within the specified limits, with the exceptions listed below and Table 6.

- In cases where the parent sample dilution factor was ≥ 5x, data was not qualified.
- In cases where the native sample results were ≥ 4x the spike added, data was not qualified.

2.9 DUPLICATE SAMPLE ANALYSIS

Refer to Section E 1.6. The following sample(s) were used for laboratory duplicate analysis and the RPDs were all below 20 percent (or the absolute difference rule was satisfied if detects were less than 5 times the RL). Any exceptions are listed in Table 7 and qualified.

Lab Sample Number	Laboratory Duplicate Sample Client ID	Method(s)
460-335747-6	53C_5-10	SW6020B
460-335747-3	53B_0-5	SW7471B
460-335806-20	58J_5-10	SW6020B
460-335806-8	58D_5-10	SW7471B
460-335975-14	57A_4-8	SW6020B
460-335975-10	59E_6-12	SW7471B
460-336081-12	56C_3-6	SW6020B
460-336212-1	60A_0-4	SW6020B, SW7471B
460-336309-7	4A_0-7	SW6020B
460-336467-20	1H_7-14	SW6020B
460-336467-18	1G_7-14	SW7471B
460-336648-5	44C_0-4	SW6020B
460-336761-1	49C_0-5	SW6020B, SW7471B
460-337049-14	51B_4-8	SW7471B
460-337134-4	41A_3-6	SW6020B

2.10 PRECISION AND ACCURACY

Refer to Section E 1.7. Where required by the method, some measurement of analytical accuracy and precision was reported for each method with the site samples.

2.11 CONFIRMATION COLUMN REVIEW

Refer to Section E 1.8. All RPDs were within control limits, with the following exceptions:

Method	Analyte	Sample ID	RPD	Action
USEPA 8081	alpha-Chlordane (cis)	20A_4-8	> 40%	Qualify data estimated J/UJ.

2.12 PFAS SAMPLE PREPARATION

Refer to Section E 1.14. The laboratory's SOP was reviewed, the entire sample plus sample bottle rinsate was extracted. No data qualification required.

2.13 PFAS IDENTIFICATION

Refer to Section E 1.15. Ion ratios were reviewed and were within the laboratory specified limits, with the following exceptions:

Sample ID	Analyte	Qualifier	Affected Samples
49C_0-5	Perfluorononanoic acid (PFNA)	J	49C_0-5
44E_4-8			44E_4-8

2.14 EXTRACTION INTERNAL STANDARDS

Refer to Section E 1.16. Recoveries were reviewed and found to be within the limits of 50 to 150 percent, with the exceptions listed in Table 8.

Extraction Internal Standards Recoveries were out of limits for MBs, LCS, MS and MSD, but did not affect the data.

2.15 SYSTEM PERFORMANCE AND OVERALL ASSESSMENT

The results presented in this report were found to comply with the DQOs for the project and the guidelines specified by the analytical method. Based on the review of this report, the data are useable and acceptable, as no data was rejected. A summary of qualifiers applied to this dataset is shown in Table 9.

3. Explanations

The following explanations include more detailed information regarding each of the sections in the DUSR above. Not all sections in the Explanations are represented:

- E 1.2 Surrogate Recovery Compliance
  - Surrogates, also known as system monitoring compounds, are compounds added to each sample prior to sample preparation to determining the efficiency of the extraction procedure by evaluating the percent recovery (%R) of the compounds.
- E 1.3 Blank Sample Analysis
  - Method blanks are prepared by the analytical laboratory and analyzed concurrently with the project samples to assess possible laboratory contamination.
  - Field blanks are prepared to identify contamination that may have been introduced during field activity. Equipment blanks are prepared to identify contamination that may have been introduced while decontaminating sampling equipment. Trip blanks are prepared when volatile analysis is requested to identify contamination that may have been introduced during transport.
- E 1.4 Laboratory Control Samples
  - The LCS/LCSD analyses are used to assess the precision and accuracy of the analytical method independent of matrix interferences.
- E 1.5 Matrix Spike Samples
  - MS/MSD data are used to assess the precision and accuracy of the analytical method and evaluate the effects of the sample matrix on the sample preparation procedures and measurement methodologies.
- E 1.6 Laboratory and Field Duplicate Sample Analysis
  - The laboratory duplicate sample analysis is used by the laboratory at the time of the analysis to demonstrate acceptable method precision. The RPD or absolute difference was evaluated for each duplicate sample pair to monitor the reproducibility of the data.
  - The field duplicate sample analysis is used to assess the precision of the field sampling procedures and analytical method. The RPD or absolute difference was evaluated for each duplicate sample pair to monitor the reproducibility of the data.
- E 1.7 Precision and Accuracy
  - Precision measures the reproducibility of repetitive measurements. In a laboratory environment, this will be measured by determining the RPD found between a primary and a duplicate sample. This can be an LCS/LCSD pair, a MS/MSD pair, a laboratory duplicate performed on a site sample, or a field duplicate collected and analyzed concurrently with a site sample.
  - Accuracy is a statistical measurement of the correctness of a measured value and includes components of random error (variability caused by imprecision) and systematic error. In a laboratory environment, this will be measured by determining the %R of certain spiked compounds. This can be assessed using LCS, blank spike (BS), MS, and/or surrogate recoveries.

- E 1.8 Confirmation Column Review
  - When analyzing pesticides and polychlorinated biphenyls (PCBs), compound identification based on single-column analysis should be confirmed on a second column or supported by at least one other qualitative technique. When confirmed on a second column, the RPD should not exceed 40 percent.
- E 1.14 PFAS Sample Preparation
  - Analysis of PFAS requires specific sample preparation. Aqueous samples must be prepared using Solid Phase Extraction (SPE), unless samples are known to contain high PFAS concentrations or the samples are injected directly into the LC/MS/MS instrument. Samples with greater than 1 percent solids may require centrifugation prior to SPE. The entire sample plus bottle rinsate must be extracted using SPE. If high PFAS concentrations are known, the samples may alternately be prepared using serial dilution performed in duplicate. If prepared by serial dilution, there must be documented project approval for this deviation.
- E 1.15 PFAS Identification
  - Identification of PFAS requires dual confirmation. The chemical derivation of the ion transitions must be documented. A minimum of two ion transitions per analyte are required (except for PFBA and PFPeA). Ratios of the quantitation ion to the confirmation ion should be calculated for samples and be within 50 to 150 percent of the ratios of the quantitation ion to the confirmation ion for standards.
  - Identification of PFAS also requires the proper assessment of branched and linear peaks. Standards for both isomers are not currently available for every PFAS compound, resulting in the common error of quantifying the area of only the branched or the linear isomers, which results in erroneous concentrations.
- E 1.16 Extraction Internal Standards
  - Analysis of PFAS by isotope dilution includes the use of extracted internal standards, which are stable isotope analogs of the PFAS compounds of interest added to each sample prior to extraction of the sample matrix. Matrix interferences that affect the quantification of the internal standard will affect the calculated target compound concentrations. For method EPA 1633, Module 6 provides guidance for extreme recoveries. Professional judgment is used to qualify based on recovery below the method limit but above 10% and above the method limit but below 200%. Below the method limit will result in estimating the detection or non-detection; above the method limit will result in estimating the detection.

4. Glossary

*Analyte names may be abbreviated for simplicity. Please reference the laboratory report for the full analyte name.
Not all of the following symbols, acronyms, or qualifiers occur in this document.

- Sample Types:
  - EB Equipment Blank Sample
  - FB Field Blank Sample
  - FD Field Duplicate Sample
  - N Primary Sample
  - TB Trip Blank Sample
- Units:
  - ng/kg nanograms per kilogram
  - µg/L micrograms per liter
  - µg/m3 micrograms per cubic meter
  - mg/kg milligrams per kilogram
  - mg/L milligrams per liter
  - ppbv/v parts per billion volume/volume
  - pCi/L picocuries per liter
  - pg/g picograms per gram
  - pg/L picograms per liter
- Matrices:
  - AA Ambient Air
  - GS Soil Gas
  - GW/WG Groundwater
  - IA Indoor Air
  - SE Sediment
  - SO Soil
  - SSV Sub-slab Vapor
  - ST Solid Waste
  - WQ Water Quality control matrix
  - WS Surface Water
  - WW Waste Water
- Table Footnotes:
  - NA Not applicable
  - ND Non-detect
  - NR Not reported
- Common Symbols:
  - % percent
  - < less than
  - ≤ less than or equal to
  - > greater than
  - ≥ greater than or equal to
  - = equal
  - °C degrees Celsius
  - ± plus or minus
  - ~ approximately
  - x times (multiplier)
- Fractions:
  - N Normal (method cannot be filtered)
  - D Dissolved (filtered)
  - T Total (unfiltered)

5. Abbreviations

%D	Percent Difference
%R	Percent Recovery
%RSD	Percent Relative Standard Deviation
%v/v	Percent volume by volume
2s	2 sigma
4,4-DDT	4 4-dichlorodiphenyltrichloroethane
Abs Diff	Absolute Difference
amu	atomic mass unit
BPJ	Best Professional Judgement
BS	Blank Spike
CCB	Continuing Calibration Blank
CCV	Continuing Calibration Verification
CCVL	Continuing Calibration Verification Low
COC	Chain of Custody
COM	Combined Isotope Calculation
Cr (VI)	Hexavalent Chromium
CRI	Collision Reaction Interface
DoD	Department of Defense
DQO	data quality objective
DUSR	Data Usability Summary Report
EIS	Extraction Internal Standard
EMPC	Estimated Maximum Possible Concentration
FBK	Field Blank Contamination
FDP	Field Duplicate
GC	Gas Chromatograph
GC/MS	Gas Chromatography/Mass Spectrometry
GPC	Gel Permeation Chromatography
H_2	Hydrogen gas
HCl	Hydrochloric Acid
ICAL	Initial Calibration
ICB	Initial Calibration Blank
ICP/MS	Inductively Coupled Plasma/Mass Spectrometry
ICV	Initial Calibration Verification
ICVL	Initial Calibration Verification Low
IPA	Isopropyl Alcohol
LC	Laboratory Control
LCS/LCSD	Laboratory Control Sample/Laboratory Control Sample Duplicate
MBK	Method Blank Contamination
MDC	Minimum Detectable Concentration
MDL	Laboratory Method Detection Limit
MS/MSD	Matrix Spike/Matrix Spike Duplicate
NA	not applicable
ND	Non-Detect
NFG	National Functional Guidelines
NH_3	Ammonia
NYSDEC	New York State Department of Environmental Conservation
PAH	Polycyclic Aromatic Hydrocarbon
PCB	Polychlorinated Biphenyl
PDS	Post-Digestion Spike
PEM	Performance Evaluation Mixture
PFAS	Per- and Polyfluoroalkyl Substances
PFBA	Perfluorobutanoic Acid
PFD	Perfluorodecalin
PFOA	Perfluorooctanoic Acid
PFOS	Perfluorooctane sulfonate
PFPeA	Perfluoropentanoic Acid
QAPP	Quality Assurance Project Plan
QC	Quality Control
QSM	Quality Systems Manual
R^2	R-squared value
Ra-226	Radium-226
Ra-228	Radium-228
RESC	Resolution Check Measure
RL	Laboratory Reporting Limit
RPD	Relative Percent Difference
RRF	Relative Response Factor
RT	Retention Time
SAP	Sampling Analysis Plan
SDG	Sample Delivery Group
SIM	Selected ion monitoring
SOP	Standard Operating Procedure
SPE	Solid-Phase Extraction
SVOC	Semi-Volatile Organic Compound
TCLP	Toxicity Characteristic Leaching Procedure
TIC	Tentatively Identified Compound
TKN	Total Kjeldahl Nitrogen
TPH	Total Petroleum Hydrocarbon
TPU	Total Propagated Uncertainty
USEPA	U.S. Environmental Protection Agency
VOC	Volatile Organic Compound
WP	Work Plan

6. Qualifiers

The qualifiers below are from the USEPA NFG and the data in the DUSR may contain these qualifiers:

- Concentration (C) Qualifiers:

  U — The compound was analyzed for but not detected. The associated value is either the compound quantitation limit if not detected by the analytical instrument or could be the reported or blank concentration if qualified by blank contamination. This can also be displayed as less than the associated compound quantitation limit (<RL or <MDL), or "ND".

  B — The compound was found in the sample and its associated blank. Its presence in the sample may be suspect.

- Quantitation (Q) Qualifiers:

  E — The compound was quantitated above the calibration range.

  D — The concentration is based on a diluted sample analysis.

- Validation Qualifiers:

  J — The compound was positively identified; however, the associated numerical value is an estimated concentration only.

  J+ — The result is an estimated quantity, but the result may be biased high.

  J- — The result is an estimated quantity, but the result may be biased low.

  J/UJ — as listed in exception tables J applies to detected data and UJ applies to non-detected data as reported by the laboratory.

  UJ — The compound was not detected. The reported sample quantitation limit is approximate.

  NJ — The analysis indicated the presence of a compound for which there is presumptive evidence to make a tentative identification; the associated numerical value is an estimated concentration only.

  R — The sample results were rejected as unusable; the compound may or may not be present in the sample.

  S — Result is suspect. See DUSR for details.

References

1. New York State Department of Environmental Conservation (NYSDEC), 2023. Sampling, Analysis, and Assessment of Per- and Polyfluoroalkyl Substances Under NYSDEC's Part 375 Remedial Programs. April.

2. United States Department of Defense, 2021. Quality Systems Manual (QSM) for Environmental Laboratories, Version 5.4, Table B-24: Per- and Polyfluoroalkyl Substances (PFAS) Analysis by LC/MS/MS (EPA Draft Method 1633).

3. United States Department of Defense and Environmental Data Quality Workgroup, 2022. Data Validation Guidelines Module 6: Data Validation Procedure for Per- and Polyfluoroalkyl Substances Analysis by QSM Table B-24. October

4. United States Environmental Protection Agency, 2020a. National Functional Guidelines for Inorganic Superfund Methods Data Review. EPA-542-R-20-006. November.

5. United States Environmental Protection Agency, 2020b. National Functional Guidelines for Organic Superfund Methods Data Review. EPA-540-R-20-005. November.

Attachments:

Table 1 – Sample Management
Table 2 – Method Holding Times
Table 3 – Surrogate Exceedances
Table 4 - LCS/LCSD
Table 5 – MS Pairs
Table 6 – MS/MSD
Table 7 – Lab Duplicates RPD Exceedances
Table 8 – Extraction Internal Standards
Table 9 – System Performance Summary

TABLES

TABLE 1
SAMPLE MANAGEMENT
FORMER PORT MOBIL
STATEN ISLAND, NEW YORK

Sample ID	Sample Type	Lab ID	Sample Date	Matrix	Method(s)
53A_0-5	N	460-335747-1	9/25/2025	SO	A, B, C, D, E, F
53A_5-10	N	460-335747-2	9/25/2025	SO	A, B, C, D, E, F
53B_0-5	N	460-335747-3	9/25/2025	SO	A, B, C, D, E, F
53B_5-10	N	460-335747-4	9/25/2025	SO	A, B, C, D, E, F
53C_0-5	N	460-335747-5	9/25/2025	SO	A, B, C, D, E, F
53C_5-10	N	460-335747-6	9/25/2025	SO	A, B, C, D, E, F
53D_0-5	N	460-335747-7	9/25/2025	SO	A, B, C, D, E, F
53D_5-10	N	460-335747-8	9/25/2025	SO	A, B, C, D, E, F
54A_0-4	N	460-335747-9	9/25/2025	SO	A, B, C, D, E, F
54A_4-8	N	460-335747-10	9/25/2025	SO	A, B, C, D, E, F
54B_0-4	N	460-335747-11	9/25/2025	SO	A, B, C, D, E, F
54B_4-8	N	460-335747-12	9/25/2025	SO	A, B, C, D, E, F
54C_0-4	N	460-335747-13	9/25/2025	SO	A, B, C, D, E, F
54C_4-8	N	460-335747-14	9/25/2025	SO	A, B, C, D, E, F
54D_0-4	N	460-335747-15	9/25/2025	SO	A, B, C, D, E, F
54D_4-8	N	460-335747-16	9/25/2025	SO	A, B, C, D, E, F
53A1_7-8	N	460-335747-17	9/25/2025	SO	G
53A2_9-10	N	460-335747-18	9/25/2025	SO	G
53A1_8-9	N	460-335747-19	9/25/2025	SO	G
53A2_5-6	N	460-335747-20	9/25/2025	SO	G
53A1_4-5	N	460-335747-21	9/25/2025	SO	G
53A3_0-1	N	460-335747-22	9/25/2025	SO	G
53A1_2-3	N	460-335747-23	9/25/2025	SO	G
53B2_4-5	N	460-335747-24	9/25/2025	SO	G
53B1_5-6	N	460-335747-25	9/25/2025	SO	G
53B1_7-8	N	460-335747-26	9/25/2025	SO	G
53B3_9-10	N	460-335747-27	9/25/2025	SO	G
53B1_2-3	N	460-335747-28	9/25/2025	SO	G
53B3_1-2	N	460-335747-29	9/25/2025	SO	G
53B2_6-7	N	460-335747-30	9/25/2025	SO	G
53C1_1-2	N	460-335747-31	9/25/2025	SO	G
53C1_9-10	N	460-335747-32	9/25/2025	SO	G
53C3_2-3	N	460-335747-33	9/25/2025	SO	G
53C2_5-6	N	460-335747-34	9/25/2025	SO	G
53C2_4-5	N	460-335747-35	9/25/2025	SO	G
53C3_8-9	N	460-335747-36	9/25/2025	SO	G
53C1_7-8	N	460-335747-37	9/25/2025	SO	G
54D3_1-2	N	460-335747-38	9/25/2025	SO	G
54D3_2-3	N	460-335747-39	9/25/2025	SO	G
54D1_0-1	N	460-335747-40	9/25/2025	SO	G
54C1_4-5	N	460-335747-41	9/25/2025	SO	G
54C3_1-2	N	460-335747-42	9/25/2025	SO	G
54C3_5-6	N	460-335747-43	9/25/2025	SO	G
54C1_7-8	N	460-335747-44	9/25/2025	SO	G
54C2_2-3	N	460-335747-45	9/25/2025	SO	G
54C1_3-4	N	460-335747-46	9/25/2025	SO	G
54C2_6-7	N	460-335747-47	9/25/2025	SO	G
54B2_4-5	N	460-335747-48	9/25/2025	SO	G
53D3_7-8	N	460-335747-49	9/25/2025	SO	G

TABLE 1
SAMPLE MANAGEMENT
FORMER PORT MOBIL
STATEN ISLAND, NEW YORK

Sample ID	Sample Type	Lab ID	Sample Date	Matrix	Method(s)
53D1_0-1	N	460-335747-50	9/25/2025	SO	G
53D2_3-4	N	460-335747-51	9/25/2025	SO	G
53D3_2-3	N	460-335747-52	9/25/2025	SO	G
53D2_4-5	N	460-335747-53	9/25/2025	SO	G
53D1_5-6	N	460-335747-54	9/25/2025	SO	G
53D1_6-7	N	460-335747-55	9/25/2025	SO	G
54D2_4-5	N	460-335747-56	9/25/2025	SO	G
54D1_6-7	N	460-335747-57	9/25/2025	SO	G
54D1_5-6	N	460-335747-58	9/25/2025	SO	G

TABLE 2
METHOD HOLDING TIMES
FORMER PORT MOBIL
STATEN ISLAND, NEW YORK

Letter Code	Analytic Method	Method Description	Holding Time
A	SW8270E	Semivolatile Organic Compounds (SVOCs)	14 days extraction / 40 days analysis for solid, unpreserved
B	E1633A	PFAS	28 days extraction / 40 days analysis for solid, unpreserved
C	SW6020B	Metals	180 days for solid unpreserved
D	SW7471B	Mercury (in Solids)	28 days for solid unpreserved
E	SW8081B	Organochlorine Pesticides	14 days extraction / 40 days analysis for solid, unpreserved
F	SW8082A	Polychlorinated Biphenyls (PCBs)	1 year extraction / 40 days analysis for solid, unpreserved
G	SW8260D	Volatile Organic Compounds (VOCs)	14 days for solid, preserved 14 days for solid unpreserved

TABLE 3
SURROGATE EXCEEDANCES
FORMER PORT MOBIL
STATEN ISLAND, NEW YORK

SDG #	Method	Sample ID	Lab ID	Surrogate	Dilution	%R	Qualification
4603358061	SW8082A	58H_0-5	460-335806-15	(PCB 209) Decachlorobiphenyl	1	151%	J+/None target compounds*
4603358061	SW8081B	58I_0-5	460-335806-17	(PCB 209) Decachlorobiphenyl	1	152%	J+/None target compounds*
4603358061	SW8082A	58I_0-5	460-335806-17	(PCB 209) Decachlorobiphenyl	1	154%	J+/None target compounds*
4603359751	SW8260D	57A1_4-5	460-335975-62	1,2-Dichloroethane-d4	1	127%	J+/None target compounds**
4603359751	SW8260D	57A1_4-5	460-335975-62	Dibromofluoromethane	1	137%	J+/None target compounds***
4603360811	SW8082A	56B_3-6	460-336081-10	(PCB 209) Decachlorobiphenyl	1	163%	J+/None target compounds*
4603360811	SW8082A	56B_3-6	460-336081-10	(PCB 209) Decachlorobiphenyl	1	154%	J+/None target compounds*
4603360811	SW8082A	56B_3-6	460-336081-10	Tetrachloro-m-xylene	1	158%	J+/None target compounds****
4603360811	SW8082A	56C_0-3	460-336081-11	(PCB 209) Decachlorobiphenyl	1	190%	J+/None target compounds*
4603360811	SW8082A	56C_0-3	460-336081-11	(PCB 209) Decachlorobiphenyl	1	179%	J+/None target compounds*
4603360811	SW8082A	56C_0-3	460-336081-11	Tetrachloro-m-xylene	1	186%	J+/None target compounds****
4603360811	SW8082A	56C_0-3	460-336081-11	Tetrachloro-m-xylene	1	170%	J+/None target compounds****
4603360811	SW8082A	56C_3-6	460-336081-12	(PCB 209) Decachlorobiphenyl	1	160%	J+/None target compounds*
4603360811	SW8082A	56C_3-6	460-336081-12	(PCB 209) Decachlorobiphenyl	1	158%	J+/None target compounds*
4603360811	SW8082A	56C_3-6	460-336081-12	Tetrachloro-m-xylene	1	163%	J+/None target compounds****
4603360811	SW8082A	56C_3-6	460-336081-12	Tetrachloro-m-xylene	1	156%	J+/None target compounds****
4603360811	SW8082A	56D_0-3	460-336081-13	(PCB 209) Decachlorobiphenyl	1	168%	J+/None target compounds*
4603360811	SW8082A	56D_0-3	460-336081-13	(PCB 209) Decachlorobiphenyl	1	180%	J+/None target compounds*
4603360811	SW8082A	56D_0-3	460-336081-13	Tetrachloro-m-xylene	1	172%	J+/None target compounds****
4603360811	SW8082A	56D_0-3	460-336081-13	Tetrachloro-m-xylene	1	159%	J+/None target compounds****
4603360811	SW8082A	56D_3-6	460-336081-14	(PCB 209) Decachlorobiphenyl	1	172%	J+/None target compounds*
4603360811	SW8082A	56D_3-6	460-336081-14	(PCB 209) Decachlorobiphenyl	1	170%	J+/None target compounds*
4603360811	SW8082A	56D_3-6	460-336081-14	Tetrachloro-m-xylene	1	173%	J+/None target compounds****
4603360811	SW8082A	56D_3-6	460-336081-14	Tetrachloro-m-xylene	1	166%	J+/None target compounds****
4603360811	SW8082A	55A_3-6	460-336081-2	(PCB 209) Decachlorobiphenyl	1	164%	J+/None target compounds*
4603360811	SW8082A	55A_3-6	460-336081-2	(PCB 209) Decachlorobiphenyl	1	157%	J+/None target compounds*
4603360811	SW8082A	55A_3-6	460-336081-2	Tetrachloro-m-xylene	1	167%	J+/None target compounds****
4603360811	SW8082A	55A_3-6	460-336081-2	Tetrachloro-m-xylene	1	153%	J+/None target compounds****
4603360811	SW8082A	55B_0-3	460-336081-3	(PCB 209) Decachlorobiphenyl	1	153%	J+/None target compounds*
4603360811	SW8082A	55B_0-3	460-336081-3	Tetrachloro-m-xylene	1	153%	J+/None target compounds****
4603360811	SW8082A	55B_3-6	460-336081-4	(PCB 209) Decachlorobiphenyl	1	154%	J+/None target compounds*
4603360811	SW8082A	55B_3-6	460-336081-4	Tetrachloro-m-xylene	1	154%	J+/None target compounds****
4603360811	SW8082A	55C_0-3	460-336081-5	(PCB 209) Decachlorobiphenyl	1	170%	J+/None target compounds*
4603360811	SW8082A	55C_0-3	460-336081-5	(PCB 209) Decachlorobiphenyl	1	161%	J+/None target compounds*
4603360811	SW8082A	55C_0-3	460-336081-5	Tetrachloro-m-xylene	1	171%	J+/None target compounds****
4603360811	SW8082A	55C_0-3	460-336081-5	Tetrachloro-m-xylene	1	158%	J+/None target compounds****
4603360811	SW8082A	55C_3-6	460-336081-6	(PCB 209) Decachlorobiphenyl	1	157%	J+/None target compounds*
4603360811	SW8082A	55C_3-6	460-336081-6	Tetrachloro-m-xylene	1	153%	J+/None target compounds****

TABLE 3
SURROGATE EXCEEDANCES
FORMER PORT MOBIL
STATEN ISLAND, NEW YORK

SDG #	Method	Sample ID	Lab ID	Surrogate	Dilution	%R	Qualification
4603360811	SW8082A	56A_3-6	460-336081-8	(PCB 209) Decachlorobiphenyl	1	155%	J+/None target compounds*
4603360811	SW8082A	56A_3-6	460-336081-8	Tetrachloro-m-xylene	1	153%	J+/None target compounds****
4603360811	SW8082A	56B_0-3	460-336081-9	(PCB 209) Decachlorobiphenyl	1	184%	J+/None target compounds*
4603360811	SW8082A	56B_0-3	460-336081-9	(PCB 209) Decachlorobiphenyl	1	176%	J+/None target compounds*
4603360811	SW8082A	56B_0-3	460-336081-9	Tetrachloro-m-xylene	1	181%	J+/None target compounds****
4603360811	SW8082A	56B_0-3	460-336081-9	Tetrachloro-m-xylene	1	170%	J+/None target compounds****
4603362121	SW8082A	6A_0-6	460-336212-11	(PCB 209) Decachlorobiphenyl	1	152%	J+/None target compounds*
4603362121	SW8082A	43A_4-8	460-336212-4	(PCB 209) Decachlorobiphenyl	1	172%	J+/None target compounds*
4603362121	SW8082A	43A_4-8	460-336212-4	(PCB 209) Decachlorobiphenyl	1	167%	J+/None target compounds*
4603362121	SW8082A	43A_4-8	460-336212-4	Tetrachloro-m-xylene	1	171%	J+/None target compounds****
4603362121	SW8082A	43A_4-8	460-336212-4	Tetrachloro-m-xylene	1	159%	J+/None target compounds****
4603362121	SW8082A	8B_0-5	460-336212-9	(PCB 209) Decachlorobiphenyl	1	161%	J+/None target compounds*
4603362121	SW8082A	8B_0-5	460-336212-9	Tetrachloro-m-xylene	1	154%	J+/None target compounds****
4603363091	SW8081B	6D_6-12	460-336309-2	(PCB 209) Decachlorobiphenyl	1	152%	J+/None target compounds*
4603366481	SW8082A	49A_5-10	460-336648-20	(PCB 209) Decachlorobiphenyl	1	155%	J+/None target compounds*
4603366481	SW8082A	44E_0-4	460-336648-9	(PCB 209) Decachlorobiphenyl	1	162%	J+/None target compounds*
4603370491	SW8082A	52B_0-4	460-337049-3	Tetrachloro-m-xylene	1	151%	J+/None target compounds****
4603370491	SW8082A	52B_0-4	460-337049-3	Tetrachloro-m-xylene	1	156%	J+/None target compounds****
4603370491	SW8081B	52C_4-8	460-337049-6	(PCB 209) Decachlorobiphenyl	1	189%	J+/None target compounds*
4603370491	SW8082A	52C_4-8	460-337049-6	Tetrachloro-m-xylene	1	154%	J+/None target compounds****

**Compounds targeted by Decachlorobiphenyl: None.*
***Compounds targeted by 1,2-Dichloroethane-d4: None.*
****Compounds targeted by Dibromofluoromethane: Acetone*
*****Compounds targeted by Tetrachloro-m-xylene: None.*

TABLE 4
LCS/LCSD
FORMER PORT MOBIL
STATEN ISLAND, NEW YORK

SDG	Method	Batch ID	Analyte	%R/RPD	Qualifier	Affected Samples
460-335747-1	SW8260D	1064680	1,1,2-Trichloro-1,2,2-trifluoroethane	126%	J/None	None, samples are ND
			1,2-Dichloroethane	125%	J/None	
			2-Hexanone	124%	J/None	
			4-Methyl-2-pentanone (MIBK)	121%	J/None	
		1064681	Bromoform	137%/141%	J/None	
			Chlorodibromomethane	127%/130%	J/None	
			Methyl acetate	125%/137%	J/None	
		1064829	1,2,4-Trichlorobenzene	75%	J/None	
			Bromoform	132%/141%	J/None	
			Chlorodibromomethane	124%/133%	J/None	
			Methyl acetate	142%	J/None	
		1064946	Bromoform	139%/133%	J/None	
			Chlorodibromomethane	131%/122%	J/None	
			Methyl acetate	151%/135%	J/None	
			n-Butylbenzene	121%	J/None	
		1064338	Atrazine	154%	J/None	
			Caprolactam	152%	J/None	
460-335806-1		1065633	Bromoform	129%/131%	J/None	
			Chlorodibromomethane	122%	J/None	
			Methyl acetate	136%/131%	J/None	
		1065958	1,2,4-Trichlorobenzene	73%	J/UJ	460-335806-54 through 460-335806-58
460-335806-1, 460-335975-1		1065959	1,1-Dichloroethene	74%	J/UJ	460-335806-59 through 460-335806-76, 460-335975-63 through 460-335975-65

TABLE 4
LCS/LCSD
FORMER PORT MOBIL
STATEN ISLAND, NEW YORK

SDG	Method	Batch ID	Analyte	%R/RPD	Qualifier	Affected Samples
460-335806-1	SW8270E	1064171	Atrazine	159%	J+/None	None, samples are ND
			Benzaldehyde	152%	J+/None	
	E1633A	709339	Perfluorodecanesulfonic acid (PFDS)	RPD=33	J/None	
			Perfluorododecanesulfonic acid (PFDoS)	RPD=32	J/None	
			11-Chloroeicosafluoro-3-oxaund ecane-1-sulfonic acid (11Cl-PF3OUdS)	RPD=39	J/None	
460-335975-1	SW8260D	1065968	Bromoform	141%/145%	J/None	
460-335975-1	SW8260D	1065968	Chlorodibromomethane	126%/131%	J/None	None, samples are ND
			Methyl acetate	132%/147%	J/None	
		1066001	Bromoform	137%/134%	J/None	
			Chlorodibromomethane	124%	J/None	
			Methyl acetate	131%/129%	J/None	
460-336081-1		1066018	Methyl acetate	123%/129%	J/None	
			Vinyl chloride	127%/129%	J/None	
		1066241	tert-Butylbenzene	79%	J/UJ	460-336212-17 through 460-336212-36
			Methylcyclohexane	RPD=31	J/None	None, samples are ND
		1066309	Dichlorodifluoromethane	140%	J/None	
		1066310	Dichlorodifluoromethane	142%	J/None	
		1066524	Dichlorodifluoromethane	146%	J/None	
460-336212-1, 460-336309-1		1067457	2-Hexanone	133%/136%	J/None	
			tert-Butylbenzene	59%/57%	J/UJ	460-336212-51, 460-336309-53
460-336309-1, 460-336467-1		1066311	Bromomethane	192%/199%	J/None	None, samples are ND
		1066538	Dichlorodifluoromethane	132%	J/None	
			Chloroethane	RPD=31	J/None	

TABLE 4
LCS/LCSD
FORMER PORT MOBIL
STATEN ISLAND, NEW YORK

SDG	Method	Batch ID	Analyte	%R/RPD	Qualifier	Affected Samples
460-336309-1, 460-336467-1, 460-336556-1	SW8260D	1066734	Bromomethane	RPD=31	J/None	None, samples are ND
460-336309-1		1066833	Methyl acetate	124%/126%	J/None	
			Dichlorodifluoromethane	137%	J/None	
			Vinyl chloride	134%	J/None	
	SW8270E	1066169	Atrazine	168%	J+/None	
			Benzaldehyde	155%	J+/None	
			Caprolactam	170%	J+/None	
		1066166	2-Methylnaphthalene	114%/107%	J+/None	
			4,6-Dinitro-2-methylphenol	141%/129%	J+/None	
			Atrazine	173%/173%	J+/None	
			Benzaldehyde	154%/155%	J+/None	
460-336309-1	SW8270E	1066166	Benzo[b]fluoranthene	126%	J+/None	460-336309-18
			Bis(2-ethylhexyl) phthalate	126%	J+/None	None, samples are ND
			Butyl benzyl phthalate	130%	J+/None	
			Caprolactam	170%/167%	J+/None	
			Di-n-butyl phthalate	132%/122%	J+/None	
			Di-n-octyl phthalate	131%	J+/None	
460-336467-1	SW8260D	1066542	Dichlorodifluoromethane	141%	J/None	
		1067096	Bromomethane	RPD=52	J/None	
			Chloroethane	RPD=42	J/None	
460-336556-1		1066847	Bromomethane	RPD=53	J/None	
460-336648-1		1067163	4-Methyl-2-pentanone (MIBK)	122%	J/None	
		1067398	2-Hexanone	122%	J/None	
			4-Methyl-2-pentanone (MIBK)	124%	J/None	
			Dichlorodifluoromethane	RPD=56	J/None	
		1067399	2-Hexanone	121%	J/None	
			4-Methyl-2-pentanone (MIBK)	126%	J/None	
		1067021	2,4-Dimethylphenol	74%/74%	J/UJ	460-336648-21 and 460-336648-22

TABLE 4
LCS/LCSD
FORMER PORT MOBIL
STATEN ISLAND, NEW YORK

SDG	Method	Batch ID	Analyte	%R/RPD	Qualifier	Affected Samples
460-336761-1	SW8260D	1067682	Bromomethane	197%/187%	J/None	None, samples are ND
		1067700	Bromomethane	202%/213%	J/None	
			trans-1,3-Dichloropropene	76%	J/UJ	460-336761-56 through 460-336761-69
		1067931	2-Hexanone	121%	J/None	None, samples are ND
			4-Methyl-2-pentanone (MIBK)	127%	J/None	
		1068587	Dichlorodifluoromethane	137%	J/None	
460-337049-1		1067954	4-Methyl-2-pentanone (MIBK)	122%/125%	J/None	
			2-Hexanone	122%	J/None	
		1069414	1,3-Dichlorobenzene	121%	J/None	
			n-Butylbenzene	121%	J/None	
			sec-Butylbenzene	125%	J/None	
460-336881-1	SW8270E	1067635	Atrazine	182%	J+/None	
460-336881-1	SW8270E	1067635	Caprolactam	175%	J+/None	None, samples are ND
		1067621	Atrazine	179%	J+/None	
			Caprolactam	170%	J+/None	
	SW8081B	1067743	alpha-BHC	138%/139%	J+/None	
			delta-BHC	149%/136%/152%	J+/None	
			Dieldrin	136%	J+/None	

TABLE 4
LCS/LCSD
FORMER PORT MOBIL
STATEN ISLAND, NEW YORK

SDG	Method	Batch ID	Analyte	%R/RPD	Qualifier	Affected Samples
460-337049-1	SW8260D	1068231	2-Hexanone	123%	J/None	None, samples are ND
			4-Methyl-2-pentanone (MIBK)	125%/121%	J/None	
		1068238	Dichlorodifluoromethane	141%	J/None	
		1068241	Dichlorodifluoromethane	140%	J/None	
		1068587	Dichlorodifluoromethane	137%	J/None	
		1068052	2,4-Dinitrophenol	RPD=48	J/None	
			4,6-Dinitro-2-methylphenol	RPD=33	J/None	
460-337134-1		1068561	4-Methyl-2-pentanone (MIBK)	121%	J/None	
			Ethylene Dibromide	124%/125%	J/None	
			1,1,2-Trichloroethane	123%	J/None	
			Dichlorodifluoromethane	134%	J/None	
		1068592	1,1,2-Trichloroethane	121%	J/None	
			Ethylene Dibromide	124%/123%	J/None	

TABLE 5
MS PAIRS
FORMER PORT MOBIL
STATEN ISLAND, NEW YORK

Lab Sample Number	Matrix Spike/ Matrix Spike Duplicate Sample Client ID	Method(s)
460-335747-1	53A_0-5	SW8270E, SW8081B, SW8082A
460-335747-16	54D_4-8	E1633A
460-335747-6	53C_5-10	SW6020B
460-335747-3	53B_0-5	SW7471B
460-335806-1	58A_0-5	SW8270E, SW8081B, SW8082A
460-335806-20	58J_5-10	SW6020B
460-335806-8	58D_5-10	SW7471B
460-335975-1	59A_0-6	SW8270E
460-335975-14	57A_4-8	SW6020B
460-335975-10	59E_6-12	SW7471B
460-336081-1	55A_0-3	SW8270E
460-336081-12	56C_3-6	SW6020B
460-336212-1	60A_0-4	SW8270E, SW6020B, SW7471B
460-336309-1	6D_0-6	SW8081B, SW8082A
460-336309-7	4A_0-7	SW6020B
460-336467-1	2A_0-6	SW8270E, SW8081B, SW8082A
460-336467-20	1H_7-14	SW6020B
460-336467-18	1G_7-14	SW7471B
460-336556-1	48A_0-3	SW8081B, SW8082A
460-336648-1	44A_0-4	SW8270E, SW8081B, SW8082A
460-336648-21	49B_0-5	SW8081B, SW8082A
460-336648-5	44C_0-4	SW6020B
460-336761-1	49C_0-5	SW8081B, SW8082A, SW6020B, SW7471B
460-336881-12	3B_7-14	SW8270E
460-336881-1	50A_0-5	SW8081B, SW8082A, E1633A
460-337049-13	51B_0-4	SW8081B, SW8082A
460-337049-14	51B_4-8	SW7471B
460-337134-4	41A_3-6	SW6020B

TABLE 6
MS/MSD
FORMER PORT MOBIL
STATEN ISLAND, NEW YORK

Sample Type	Method	Parent Sample	Analyte	%R/RPD	Qualifier	Affected Samples
MSD	SW8270E	53A_0-5	2,4-Dimethylphenol	67%	J/UJ	460-335747-1
MS/MSD			3,3'-Dichlorobenzidine	RPD=32	J/None	None, samples are ND
			4-Chloroaniline	RPD=37	J/None	
MSD			Acenaphthylene	67%	J/UJ	460-335747-1
MS/MSD (both columns)	SW8081B		4,4'-DDD	189%/224%/225%/273%	J/None	None, samples are ND
			4,4'-DDE	194%/232%/231%/284%	J/None	
			4,4'-DDT	221%/239%/264%/294%	J/None	460-335747-1
			Aldrin	174%/202%/205%/246%	J/None	None, samples are ND
			alpha-BHC	178%/211%/210%/266%	J/None	
			alpha-Chlordane (cis)	195%/230%/231%/280%	J/None	
			beta-BHC	198%/221%/232%/269%	J/None	
			delta-BHC	219%/255%/264%/325%	J/None	
			Dieldrin	191%/231%/225%/280%	J/None	
			Endosulfan I	192%/224%/226%/271%	J/None	
			Endosulfan II	203%/226%/240%/272%	J/None	
			Endosulfan sulfate	184%/216%/216%/262%	J/None	
			Endrin	202%/239%/239%/290%	J/None	
			Endrin aldehyde	165%/186%/194%/223%	J/None	
			Endrin ketone	187%/228%/221%/278%	J/None	
			gamma-BHC (Lindane)	189%/219%/23%/274%	J/None	
			Heptachlor	187%/216%/220%/263%	J/None	
			Heptachlor epoxide	196%/223%/230%/269%	J/None	
			Methoxychlor	203%/225%/240%/275%	J/None	
MS/MSD	E1633A	54D_4-8	Perfluorotridecanoic acid (PFTrDA)	314%/334%	J/UJ	460-335747-16
MS	SW6020B	53C_5-10	Antimony	45%	J-/UJ	460-335747-1 through 460-335747-16
MS/MSD (both columns)	SW8081B	58A_0-5	4,4'-DDD	148%/145%/182%/177%	J/None	None, samples are ND
			4,4'-DDE	149%/183%/164%	J/None	
			4,4'-DDT	147%/142%%/180%/175%	J/None	
			Aldrin	140%/170%/150%	J/None	
			alpha-BHC	141%/141%/169%168%	J/None	
			alpha-Chlordane (cis)	146%/179%/160%	J/None	
			beta-BHC	140%/169%/153%	J/None	
			delta-BHC	152%/150%/185%/178%	J/None	
			Dieldrin	143%/175%/163%	J/None	
			Endosulfan I	146%/178%/159%	J/None	
			Endosulfan II	143%/176%/166%	J/None	

TABLE 6
MS/MSD
FORMER PORT MOBIL
STATEN ISLAND, NEW YORK

Sample Type	Method	Parent Sample	Analyte	%R/RPD	Qualifier	Affected Samples
MS/MSD (both columns)	SW8081B	58A_0-5	Endosulfan sulfate	140%/172%/148%	J/None	None, samples are ND
			Endrin	144%/177%/163%	J/None	
			Endrin aldehyde	134%/164%/142%	J/None	
			Endrin ketone	154%/189%/155%	J/None	
			gamma-BHC (Lindane)	147%/139%/178%/167%	J/None	
			Heptachlor	146%/177%/168%	J/None	
			Heptachlor epoxide	146%/137%/178%/165%	J/None	
			Methoxychlor	143%/145%/176%/178	J/None	
MS	SW6020B	58J_5-10	Antimony	41%	J-/UJ	460-335806-1 through 460-335806-20
			Barium	58%		
			Copper	49%		
			Nickel	74%		
MS/MSD	SW8270E	59A_0-6	2,4-Dimethylphenol	70%/71%	J/UJ	460-335975-1
			Acenaphthene	62%/63%		
			Acenaphthylene	67%/67%		
			Benzo[a]pyrene	68%		
MS	SW6020B	56C_3-6	Antimony	50%	J-/UJ	460-336081-1 through 460-336081-14
			Barium	46%		
			Magnesium	54%		
			Nickel	49%		
			Zinc	72%		
MS/MSD	SW8270E	60A_0-4	2,4-Dimethylphenol	71%/71%	J/UJ	460-336212-1
			2,4-Dinitrophenol	28%/28%		
			4,6-Dinitro-2-methylphenol	33%/33%		
			Acenaphthene	64%/64%		
			Acenaphthylene	67%/67%		
			Benzo[a]pyrene	68%/67%		
			Benzo[g,h,i]perylene	43%/42%		
			Dibenz(a,h)anthracene	57%/55%		
			Indeno[1,2,3-cd]pyrene	51%/49%		
			Hexachlorocyclopentadiene	31%		
MS	SW6020B		Antimony	49%	J-/UJ	460-336212-1 through 460-336212-16
			Magnesium	135%	J+/None	
			Nickel	145%		
			Potassium	131%		

TABLE 6
MS/MSD
FORMER PORT MOBIL
STATEN ISLAND, NEW YORK

Sample Type	Method	Parent Sample	Analyte	%R/RPD	Qualifier	Affected Samples
MS	SW8081B	6D_0-6	alpha-BHC	138%	J/None	None, samples are ND
			delta-BHC	143%		
	SW6020B	4A_0-7	Antimony	34%	J-/UJ	460-336309-1 through 460-336309-18
			Calcium	151%	J+/None	
			Chromium	139%		
			Cobalt	50%	J-/UJ	
MS/MSD	SW8270E	2A_0-6	2,4-Dimethylphenol	74%/67%	J/UJ	460-336467-1
MS			2,2'-oxybis[1-chloropropane]	46%		
			2-Methylphenol	60%		
			4-Chloro-3-methylphenol	64%		
			Acenaphthene	60%		
			Acenaphthylene	66%		
			Benzo[a]pyrene	68%		
			Benzo[k]fluoranthene	64%		
			Isophorone	59%		
			N-Nitrosodi-n-propylamine	55%		
MS/MSD	SW8081B		Endrin aldehyde	65%/62%		
MS	SW6020B	1H_7-14	Antimony	53%	J-/UJ	460-336467-1 through 460-336467-20
			Barium	144%	J+/None	
			Manganese	159%		
	SW8270E	44A_0-4	1,2,4,5-Tetrachlorobenzene	55%	J/UJ	460-336648-1
MS/MSD			1,4-Dioxane	RPD=36	J/None	None, samples are ND
			2,2'-oxybis(1-Chloropropane)	RPD=32		
MS			2,3,4,6-Tetrachlorophenol	57%	J/UJ	460-336648-1
			2,4,5-Trichlorophenol	56%		
			2,4,6-Trichlorophenol	56%		
			2,4-Dichlorophenol	61%		
			2,4-Dimethylphenol	58%		
MS/MSD			2,4-Dinitrophenol	RPD=31	J/None	None, samples are ND
MS			2,4-Dinitrotoluene	60%	J/UJ	460-336648-1
			2,6-Dinitrotoluene	59%		
			2-Chloronaphthalene	55%		
			2-Chlorophenol	59%		
MS/MSD			2-Methylnaphthalene	RPD=32	J/None	None, samples are ND
MS			2-Methylphenol (o-Cresol)	58%	J/UJ	460-336648-1
MS/MSD			2-Nitroaniline	RPD=34	J/None	None, samples are ND

TABLE 6
MS/MSD
FORMER PORT MOBIL
STATEN ISLAND, NEW YORK

Sample Type	Method	Parent Sample	Analyte	%R/RPD	Qualifier	Affected Samples
MS	SW8270E	44A_0-4	2-Nitrophenol	61%	J/UJ	460-336648-1
			3&4-Methylphenol	60%		
MS/MSD			3,3'-Dichlorobenzidine	RPD=35	J/None	None, samples are ND
			3-Nitroaniline	RPD=34		
			4,6-Dinitro-2-methylphenol	RPD=34		
MS			4-Bromophenyl phenyl ether (BDE-3)	58%	J/UJ	460-336648-1
			4-Chloro-3-methylphenol	58%		
MS/MSD			4-Chloroaniline	RPD=33	J/None	None, samples are ND
MS			4-Chlorophenyl phenyl ether	56%	J/UJ	460-336648-1
			4-Methylphenol	60%		
			4-Nitrophenol	47%		
			Acenaphthene	55%		
			Acenaphthylene	57%		
			Acetophenone	59%		
			Anthracene	58%		
MS/MSD			Atrazine	RPD=32	J/None	None, samples are ND
			Benzaldehyde	RPD=34		
MS			Benzo(a)anthracene	58%	J/UJ	460-336648-1
			Benzo(a)pyrene	60%		
			Benzo(b)fluoranthene	56%		
			Benzo(g,h,i)perylene	56%		
			Benzo(k)fluoranthene	61%		
			Biphenyl	54%		
			bis(2-Chloroethoxy)methane	57%		
			bis(2-Chloroethyl)ether	58%		
			bis(2-Ethylhexyl)phthalate	62%		
MS/MSD			Butyl benzylphthalate (BBP)	RPD=33	J/None	None, samples are ND
			Caprolactam	RPD=35		
MS			Carbazole	58%	J/UJ	460-336648-1
			Chrysene	57%		
			Dibenz(a,h)anthracene	62%		
			Dibenzofuran	55%		
			Diethyl phthalate	56%		
			Dimethyl phthalate	57%		
MS/MSD			Di-n-butylphthalate (DBP)	RPD=33	J/None	None, samples are ND
			Di-n-octyl phthalate (DnOP)	RPD=34		

TABLE 6
MS/MSD
FORMER PORT MOBIL
STATEN ISLAND, NEW YORK

Sample Type	Method	Parent Sample	Analyte	%R/RPD	Qualifier	Affected Samples
MS	SW8270E	44A_0-4	Fluoranthene	58%	J/UJ	460-336648-1
			Fluorene	56%		
			Hexachlorobenzene	57%		
			Hexachlorobutadiene	58%		
			Hexachlorocyclopentadiene	30%		
			Hexachloroethane	58%		
			Indeno(1,2,3-cd)pyrene	55%		
			Isophorone	58%		
			Naphthalene	57%		
			Nitrobenzene	60%		
			N-Nitrosodi-n-propylamine	58%		
			N-Nitrosodiphenylamine	59%		
			Pentachlorophenol	58%		
			Phenanthrene	58%		
			Phenol	57%		
			Pyrene	58%		
	SW8081B		4,4'-DDT	67%		
	SW6020B	44C_0-4	Potassium	172%	J+/None	460-336648-1 through 460-336648-22
			Vanadium	141%		
		49C_0-5	Antimony	64%	J-/UJ	460-336761-1 through 460-336761-20
			Barium	150%	J+/None	
			Chromium	143%		
			Manganese	145%		
			Potassium	135%		
			Vanadium	136%		
	SW8270E	3B_7-14	Atrazine	166%	J/None	None, samples are ND
MS/MSD (both columns)	SW8081B	50A_0-5	4,4'-DDD	150%/168%/156%		
			4,4'-DDE	142%/162%/147%		
			4,4'-DDT	167%/193%/147%/174%		
			alpha-BHC	153%		
			alpha-Chlordane (cis)	146%/165%/150%		
			beta-BHC	149%/134%		
			delta-BHC	165%/195%/144%/169%		
			Dieldrin	143%/174%/156%		
			Endosulfan I	142%/165%/149%		
			Endosulfan II	150%/172%/156%		

TABLE 6
MS/MSD
FORMER PORT MOBIL
STATEN ISLAND, NEW YORK

Sample Type	Method	Parent Sample	Analyte	%R/RPD	Qualifier	Affected Samples
MS	SW8081B	50A_0-5	Endosulfan sulfate	132%	J/None	None, samples are ND
MS/MSD			Endrin	149%/181%/162%		
MS			Endrin aldehyde	144%		
MS/MSD			Endrin ketone	145%/177%/158%		
			gamma-BHC (Lindane)	159%/138%		
MS			Heptachlor	147%		
MS/MSD			Heptachlor epoxide	145%/162%/146%		
			Methoxychlor	150%/169%/153%		
MS	SW6020B	41A_3-6	Copper	143%	J+/None	460-337134-1 through 460-337134-4
			Potassium	129%		
			Vanadium	176%		

TABLE 7
LAB DUPLICATES RPD EXCEEDANCES
FORMER PORT MOBIL
STATEN ISLAND, NEW YORK

Lab Sample Number	Laboratory Duplicate Sample Client ID	Analyte	% RPD	Qualification	Affected Samples
460-335747-6	53C_5-10	Calcium	39%	J/UJ, RPD > 20%	460-335747-1 through 460-335747-16
		Chromium	29%	J/UJ, RPD > 20%	
		Copper	51%	J/UJ, RPD > 20%	
		Magnesium	23%	J/UJ, RPD > 20%	
		Nickel	81%	J/UJ, RPD > 20%	
460-335975-14	57A_4-8	Calcium	32%	J/UJ, RPD > 20%	460-335975-1 through 460-335975-16
		Chromium	22%	J/UJ, RPD > 20%	
		Magnesium	24%	J/UJ, RPD > 20%	
		Manganese	52%	J/UJ, RPD > 20%	
		Zinc	25%	J/UJ, RPD > 20%	
460-336081-12	56C_3-6	Barium	22%	J/UJ, RPD > 20%	460-336081-1 through 460-336081-14
		Calcium	24%	J/UJ, RPD > 20%	
		Cobalt	23%	J/UJ, RPD > 20%	
		Magnesium	32%	J/UJ, RPD > 20%	
		Nickel	34%	J/UJ, RPD > 20%	
		Zinc	33%	J/UJ, RPD > 20%	
460-336212-1	60A_0-4	Vanadium	40%	J/UJ, RPD > 20%	460-336212-1 through 460-336212-16
460-336309-7	4A_0-7	Calcium	36%	J/UJ, RPD > 20%	460-336309-1 through 460-336309-18
		Chromium	42%	J/UJ, RPD > 20%	
		Nickel	37%	J/UJ, RPD > 20%	
460-336467-20	1H_7-14	Calcium	49%	J/UJ, RPD > 20%	460-336467-1 through 460-336467-20
		Lead	27%	J/UJ, RPD > 20%	
		Magnesium	40%	J/UJ, RPD > 20%	
460-336648-5	44C_0-4	Copper	22%	J/UJ, RPD > 20%	460-336648-1 through 460-336648-22
		Lead	25%	J/UJ, RPD > 20%	
		Nickel	28%	J/UJ, RPD > 20%	
460-336761-1	49C_0-5	Arsenic	26%	J/UJ, RPD > 20%	460-336761-1 through 460-336761-20
		Calcium	37%	J/UJ, RPD > 20%	
		Cobalt	24%	J/UJ, RPD > 20%	
		Copper	24%	J/UJ, RPD > 20%	
		Nickel	45%	J/UJ, RPD > 20%	
		Zinc	37%	J/UJ, RPD > 20%	

TABLE 8
EXTRACTION INTERNAL STANDARDS
FORMER PORT MOBIL
STATEN ISLAND, NEW YORK

Sample ID	Lab ID	Standard Name	%Recovery	Qualifier	Target analytes
58H_5-10	460-335806-16	1H,1H,2H,2H-Perfluoro[1,2-13C2]Hexanesulfonic Acid (13C2-4:2 FTS)	153%	J/UJ	FtS 4:2
57A_4-8	460-335975-14	1H,1H,2H,2H-Perfluoro[1,2-13C2]Hexanesulfonic Acid (13C2-4:2 FTS)	170%	J/UJ	FtS 4:2
57B_0-4	460-335975-15	1H,1H,2H,2H-Perfluoro[1,2-13C2]Hexanesulfonic Acid (13C2-4:2 FTS)	158%	J/UJ	FtS 4:2
55A_0-3	460-336081-1	1H,1H,2H,2H-Perfluoro[1,2-13C2]Hexanesulfonic Acid (13C2-4:2 FTS)	176%	J/UJ	FtS 4:2
55A_3-6	460-336081-2	1H,1H,2H,2H-Perfluoro[1,2-13C2]Hexanesulfonic Acid (13C2-4:2 FTS)	167%	J/UJ	FtS 4:2
55B_0-3	460-336081-3	1H,1H,2H,2H-Perfluoro[1,2-13C2]Hexanesulfonic Acid (13C2-4:2 FTS)	152%	J/UJ	FtS 4:2
55B_3-6	460-336081-4	1H,1H,2H,2H-Perfluoro[1,2-13C2]Hexanesulfonic Acid (13C2-4:2 FTS)	180%	J/UJ	FtS 4:2
55C_3-6	460-336081-6	1H,1H,2H,2H-Perfluoro[1,2-13C2]Hexanesulfonic Acid (13C2-4:2 FTS)	153%	J/UJ	FtS 4:2
60A_4-8	460-336212-2	1H,1H,2H,2H-Perfluoro[1,2-13C2]Hexanesulfonic Acid (13C2-4:2 FTS)	207%	J/UJ	FtS 4:2
48A_3-6	460-336556-2	1H,1H,2H,2H-Perfluoro[1,2-13C2]Hexanesulfonic Acid (13C2-4:2 FTS)	186%	J/UJ	FtS 4:2
48C_0-3	460-336556-5	1H,1H,2H,2H-Perfluoro[1,2-13C2]Hexanesulfonic Acid (13C2-4:2 FTS)	161%	J/UJ	FtS 4:2
48C_3-6	460-336556-6	1H,1H,2H,2H-Perfluoro[1,2-13C2]Hexanesulfonic Acid (13C2-4:2 FTS)	202%	J/UJ	FtS 4:2
48D_3-6	460-336556-8	1H,1H,2H,2H-Perfluoro[1,2-13C2]Hexanesulfonic Acid (13C2-4:2 FTS)	201%	J/UJ	FtS 4:2
5D_0-5	460-336761-11	1H,1H,2H,2H-Perfluoro[1,2-13C2]Hexanesulfonic Acid (13C2-4:2 FTS)	197%	J/UJ	FtS 4:2
5D_5-10	460-336761-12	1H,1H,2H,2H-Perfluoro[1,2-13C2]Hexanesulfonic Acid (13C2-4:2 FTS)	254%	J/UJ	FtS 4:2
5E_0-5	460-336761-13	1H,1H,2H,2H-Perfluoro[1,2-13C2]Hexanesulfonic Acid (13C2-4:2 FTS)	180%	J/UJ	FtS 4:2
5E_5-10	460-336761-14	1H,1H,2H,2H-Perfluoro[1,2-13C2]Hexanesulfonic Acid (13C2-4:2 FTS)	201%	J/UJ	FtS 4:2
3C_0-7	460-336761-17	1H,1H,2H,2H-Perfluoro[1,2-13C2]Hexanesulfonic Acid (13C2-4:2 FTS)	191%	J/UJ	FtS 4:2
3C_7-14	460-336761-18	1H,1H,2H,2H-Perfluoro[1,2-13C2]Hexanesulfonic Acid (13C2-4:2 FTS)	191%	J/UJ	FtS 4:2
50B_0-4	460-336881-3	1H,1H,2H,2H-Perfluoro[1,2-13C2]Hexanesulfonic Acid (13C2-4:2 FTS)	184%	J/UJ	FtS 4:2
50C_4-8	460-336881-6	1H,1H,2H,2H-Perfluoro[1,2-13C2]Hexanesulfonic Acid (13C2-4:2 FTS)	189%	J/UJ	FtS 4:2
50D_0-5	460-336881-7	1H,1H,2H,2H-Perfluoro[1,2-13C2]Hexanesulfonic Acid (13C2-4:2 FTS)	222%	J/UJ	FtS 4:2
50D_5-10	460-336881-8	1H,1H,2H,2H-Perfluoro[1,2-13C2]Hexanesulfonic Acid (13C2-4:2 FTS)	187%	J/UJ	FtS 4:2
52A_0-4	460-337049-1	1H,1H,2H,2H-Perfluoro[1,2-13C2]Hexanesulfonic Acid (13C2-4:2 FTS)	162%	J/UJ	FtS 4:2
51B_0-4	460-337049-13	1H,1H,2H,2H-Perfluoro[1,2-13C2]Hexanesulfonic Acid (13C2-4:2 FTS)	170%	J/UJ	FtS 4:2
51B_4-8	460-337049-14	1H,1H,2H,2H-Perfluoro[1,2-13C2]Hexanesulfonic Acid (13C2-4:2 FTS)	232%	J/UJ	FtS 4:2
52A_4-8	460-337049-2	1H,1H,2H,2H-Perfluoro[1,2-13C2]Hexanesulfonic Acid (13C2-4:2 FTS)	210%	J/UJ	FtS 4:2
52B_0-4	460-337049-3	1H,1H,2H,2H-Perfluoro[1,2-13C2]Hexanesulfonic Acid (13C2-4:2 FTS)	208%	J/UJ	FtS 4:2
57A_4-8	460-335975-14	1H,1H,2H,2H-Perfluoro[1,2-13C2]Octanesulfonic Acid (13C2-6:2 FTS)	155%	J/UJ	FtS 6:2
55A_0-3	460-336081-1	1H,1H,2H,2H-Perfluoro[1,2-13C2]Octanesulfonic Acid (13C2-6:2 FTS)	153%	J/UJ	FtS 6:2
55A_3-6	460-336081-2	1H,1H,2H,2H-Perfluoro[1,2-13C2]Octanesulfonic Acid (13C2-6:2 FTS)	153%	J/UJ	FtS 6:2
55B_3-6	460-336081-4	1H,1H,2H,2H-Perfluoro[1,2-13C2]Octanesulfonic Acid (13C2-6:2 FTS)	165%	J/UJ	FtS 6:2
60A_4-8	460-336212-2	1H,1H,2H,2H-Perfluoro[1,2-13C2]Octanesulfonic Acid (13C2-6:2 FTS)	221%	J/UJ	FtS 6:2
48A_3-6	460-336556-2	1H,1H,2H,2H-Perfluoro[1,2-13C2]Octanesulfonic Acid (13C2-6:2 FTS)	172%	J/UJ	FtS 6:2
48C_0-3	460-336556-5	1H,1H,2H,2H-Perfluoro[1,2-13C2]Octanesulfonic Acid (13C2-6:2 FTS)	159%	J/UJ	FtS 6:2
48C_3-6	460-336556-6	1H,1H,2H,2H-Perfluoro[1,2-13C2]Octanesulfonic Acid (13C2-6:2 FTS)	205%	J/UJ	FtS 6:2
48D_3-6	460-336556-8	1H,1H,2H,2H-Perfluoro[1,2-13C2]Octanesulfonic Acid (13C2-6:2 FTS)	197%	J/UJ	FtS 6:2
5D_0-5	460-336761-11	1H,1H,2H,2H-Perfluoro[1,2-13C2]Octanesulfonic Acid (13C2-6:2 FTS)	171%	J/UJ	FtS 6:2

TABLE 8
EXTRACTION INTERNAL STANDARDS
FORMER PORT MOBIL
STATEN ISLAND, NEW YORK

Sample ID	Lab ID	Standard Name	%Recovery	Qualifier	Target analytes
5D_5-10	460-336761-12	1H,1H,2H,2H-Perfluoro[1,2-13C2]Octanesulfonic Acid (13C2-6:2 FTS)	218%	J/UJ	FtS 6:2
5E_0-5	460-336761-13	1H,1H,2H,2H-Perfluoro[1,2-13C2]Octanesulfonic Acid (13C2-6:2 FTS)	151%	J/UJ	FtS 6:2
5E_5-10	460-336761-14	1H,1H,2H,2H-Perfluoro[1,2-13C2]Octanesulfonic Acid (13C2-6:2 FTS)	170%	J/UJ	FtS 6:2
3C_0-7	460-336761-17	1H,1H,2H,2H-Perfluoro[1,2-13C2]Octanesulfonic Acid (13C2-6:2 FTS)	169%	J/UJ	FtS 6:2
3C_7-14	460-336761-18	1H,1H,2H,2H-Perfluoro[1,2-13C2]Octanesulfonic Acid (13C2-6:2 FTS)	162%	J/UJ	FtS 6:2
3E_7-14	460-336881-12	1H,1H,2H,2H-Perfluoro[1,2-13C2]Octanesulfonic Acid (13C2-6:2 FTS)	156%	J/UJ	FtS 6:2
50B_0-4	460-336881-3	1H,1H,2H,2H-Perfluoro[1,2-13C2]Octanesulfonic Acid (13C2-6:2 FTS)	195%	J/UJ	FtS 6:2
50B_4-8	460-336881-4	1H,1H,2H,2H-Perfluoro[1,2-13C2]Octanesulfonic Acid (13C2-6:2 FTS)	176%	J/UJ	FtS 6:2
50C_4-8	460-336881-6	1H,1H,2H,2H-Perfluoro[1,2-13C2]Octanesulfonic Acid (13C2-6:2 FTS)	184%	J/UJ	FtS 6:2
50D_0-5	460-336881-7	1H,1H,2H,2H-Perfluoro[1,2-13C2]Octanesulfonic Acid (13C2-6:2 FTS)	245%	J/UJ	FtS 6:2
50D_5-10	460-336881-8	1H,1H,2H,2H-Perfluoro[1,2-13C2]Octanesulfonic Acid (13C2-6:2 FTS)	179%	J/UJ	FtS 6:2
52A_0-4	460-337049-1	1H,1H,2H,2H-Perfluoro[1,2-13C2]Octanesulfonic Acid (13C2-6:2 FTS)	162%	J/UJ	FtS 6:2
52E_4-8	460-337049-10	1H,1H,2H,2H-Perfluoro[1,2-13C2]Octanesulfonic Acid (13C2-6:2 FTS)	155%	J/UJ	FtS 6:2
51B_0-4	460-337049-13	1H,1H,2H,2H-Perfluoro[1,2-13C2]Octanesulfonic Acid (13C2-6:2 FTS)	168%	J/UJ	FtS 6:2
51B_4-8	460-337049-14	1H,1H,2H,2H-Perfluoro[1,2-13C2]Octanesulfonic Acid (13C2-6:2 FTS)	241%	J/UJ	FtS 6:2
52A_4-8	460-337049-2	1H,1H,2H,2H-Perfluoro[1,2-13C2]Octanesulfonic Acid (13C2-6:2 FTS)	215%	J/UJ	FtS 6:2
52B_0-4	460-337049-3	1H,1H,2H,2H-Perfluoro[1,2-13C2]Octanesulfonic Acid (13C2-6:2 FTS)	231%	J/UJ	FtS 6:2
59E_6-12	460-335975-10	1H,1H,2H,2H-Perfluoro[1,2-13C2]Decanesulfonic Acid (13C2-8:2 FTS)	172%	J/UJ	FtS 8:2
59F_0-6	460-335975-11	1H,1H,2H,2H-Perfluoro[1,2-13C2]Decanesulfonic Acid (13C2-8:2 FTS)	173%	J/UJ	FtS 8:2
59F_6-12	460-335975-12	1H,1H,2H,2H-Perfluoro[1,2-13C2]Decanesulfonic Acid (13C2-8:2 FTS)	167%	J/UJ	FtS 8:2
57A_0-4	460-335975-13	1H,1H,2H,2H-Perfluoro[1,2-13C2]Decanesulfonic Acid (13C2-8:2 FTS)	188%	J/UJ	FtS 8:2
57A_4-8	460-335975-14	1H,1H,2H,2H-Perfluoro[1,2-13C2]Decanesulfonic Acid (13C2-8:2 FTS)	200%	J/UJ	FtS 8:2
57B_0-4	460-335975-15	1H,1H,2H,2H-Perfluoro[1,2-13C2]Decanesulfonic Acid (13C2-8:2 FTS)	178%	J/UJ	FtS 8:2
57B_4-8	460-335975-16	1H,1H,2H,2H-Perfluoro[1,2-13C2]Decanesulfonic Acid (13C2-8:2 FTS)	176%	J/UJ	FtS 8:2
59C_0-6	460-335975-5	1H,1H,2H,2H-Perfluoro[1,2-13C2]Decanesulfonic Acid (13C2-8:2 FTS)	154%	J/UJ	FtS 8:2
59D_0-6	460-335975-7	1H,1H,2H,2H-Perfluoro[1,2-13C2]Decanesulfonic Acid (13C2-8:2 FTS)	168%	J/UJ	FtS 8:2
59D_6-12	460-335975-8	1H,1H,2H,2H-Perfluoro[1,2-13C2]Decanesulfonic Acid (13C2-8:2 FTS)	167%	J/UJ	FtS 8:2
59E_0-6	460-335975-9	1H,1H,2H,2H-Perfluoro[1,2-13C2]Decanesulfonic Acid (13C2-8:2 FTS)	153%	J/UJ	FtS 8:2
60A_4-8	460-336212-2	1H,1H,2H,2H-Perfluoro[1,2-13C2]Decanesulfonic Acid (13C2-8:2 FTS)	229%	J/UJ	FtS 8:2
48C_0-3	460-336556-5	1H,1H,2H,2H-Perfluoro[1,2-13C2]Decanesulfonic Acid (13C2-8:2 FTS)	157%	J/UJ	FtS 8:2
48C_3-6	460-336556-6	1H,1H,2H,2H-Perfluoro[1,2-13C2]Decanesulfonic Acid (13C2-8:2 FTS)	199%	J/UJ	FtS 8:2
48D_3-6	460-336556-8	1H,1H,2H,2H-Perfluoro[1,2-13C2]Decanesulfonic Acid (13C2-8:2 FTS)	193%	J/UJ	FtS 8:2
50B_0-4	460-336881-3	1H,1H,2H,2H-Perfluoro[1,2-13C2]Decanesulfonic Acid (13C2-8:2 FTS)	163%	J/UJ	FtS 8:2
50B_4-8	460-336881-4	1H,1H,2H,2H-Perfluoro[1,2-13C2]Decanesulfonic Acid (13C2-8:2 FTS)	157%	J/UJ	FtS 8:2
50D_0-5	460-336881-7	1H,1H,2H,2H-Perfluoro[1,2-13C2]Decanesulfonic Acid (13C2-8:2 FTS)	212%	J/UJ	FtS 8:2
50D_5-10	460-336881-8	1H,1H,2H,2H-Perfluoro[1,2-13C2]Decanesulfonic Acid (13C2-8:2 FTS)	153%	J/UJ	FtS 8:2
52A_0-4	460-337049-1	1H,1H,2H,2H-Perfluoro[1,2-13C2]Decanesulfonic Acid (13C2-8:2 FTS)	174%	J/UJ	FtS 8:2
52E_4-8	460-337049-10	1H,1H,2H,2H-Perfluoro[1,2-13C2]Decanesulfonic Acid (13C2-8:2 FTS)	236%	J/UJ	FtS 8:2

TABLE 8
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Sample ID	Lab ID	Standard Name	%Recovery	Qualifier	Target analytes
51B_4-8	460-337049-14	1H,1H,2H,2H-Perfluoro[1,2-13C2]Decanesulfonic Acid (13C2-8:2 FTS)	190%	J/UJ	FtS 8:2
52A_4-8	460-337049-2	1H,1H,2H,2H-Perfluoro[1,2-13C2]Decanesulfonic Acid (13C2-8:2 FTS)	233%	J/UJ	FtS 8:2
52B_0-4	460-337049-3	1H,1H,2H,2H-Perfluoro[1,2-13C2]Decanesulfonic Acid (13C2-8:2 FTS)	258%	J/UJ	FtS 8:2
52B_4-8	460-337049-4	1H,1H,2H,2H-Perfluoro[1,2-13C2]Decanesulfonic Acid (13C2-8:2 FTS)	170%	J/UJ	FtS 8:2
52C_0-4	460-337049-5	1H,1H,2H,2H-Perfluoro[1,2-13C2]Decanesulfonic Acid (13C2-8:2 FTS)	175%	J/UJ	FtS 8:2
52D_0-4	460-337049-7	1H,1H,2H,2H-Perfluoro[1,2-13C2]Decanesulfonic Acid (13C2-8:2 FTS)	157%	J/UJ	FtS 8:2
20A_4-8	460-337134-2	1H,1H,2H,2H-Perfluoro[1,2-13C2]Decanesulfonic Acid (13C2-8:2 FTS)	155%	J/UJ	FtS 8:2
53A_0-5	460-335747-1	N-Ethyl-N-(2-hydroxyethyl)perfluorooctylsulphonamide-d9	43%	J/UJ	N-EtFOSE
54A_4-8	460-335747-10	N-Ethyl-N-(2-hydroxyethyl)perfluorooctylsulphonamide-d9	28%	J/UJ	N-EtFOSE
54B_0-4	460-335747-11	N-Ethyl-N-(2-hydroxyethyl)perfluorooctylsulphonamide-d9	25%	J/UJ	N-EtFOSE
54B_4-8	460-335747-12	N-Ethyl-N-(2-hydroxyethyl)perfluorooctylsulphonamide-d9	38%	J/UJ	N-EtFOSE
54C_0-4	460-335747-13	N-Ethyl-N-(2-hydroxyethyl)perfluorooctylsulphonamide-d9	40%	J/UJ	N-EtFOSE
54C_4-8	460-335747-14	N-Ethyl-N-(2-hydroxyethyl)perfluorooctylsulphonamide-d9	22%	J/UJ	N-EtFOSE
54D_0-4	460-335747-15	N-Ethyl-N-(2-hydroxyethyl)perfluorooctylsulphonamide-d9	24%	J/UJ	N-EtFOSE
53A_5-10	460-335747-2	N-Ethyl-N-(2-hydroxyethyl)perfluorooctylsulphonamide-d9	32%	J/UJ	N-EtFOSE
53C_0-5	460-335747-5	N-Ethyl-N-(2-hydroxyethyl)perfluorooctylsulphonamide-d9	34%	J/UJ	N-EtFOSE
53C_5-10	460-335747-6	N-Ethyl-N-(2-hydroxyethyl)perfluorooctylsulphonamide-d9	9%	R	N-EtFOSE
53D_0-5	460-335747-7	N-Ethyl-N-(2-hydroxyethyl)perfluorooctylsulphonamide-d9	19%	J/UJ	N-EtFOSE
53D_5-10	460-335747-8	N-Ethyl-N-(2-hydroxyethyl)perfluorooctylsulphonamide-d9	27%	J/UJ	N-EtFOSE
54A_0-4	460-335747-9	N-Ethyl-N-(2-hydroxyethyl)perfluorooctylsulphonamide-d9	27%	J/UJ	N-EtFOSE
58A_0-5	460-335806-1	N-Ethyl-N-(2-hydroxyethyl)perfluorooctylsulphonamide-d9	35%	J/UJ	N-EtFOSE
58E_5-10	460-335806-10	N-Ethyl-N-(2-hydroxyethyl)perfluorooctylsulphonamide-d9	32%	J/UJ	N-EtFOSE
58F_0-5	460-335806-11	N-Ethyl-N-(2-hydroxyethyl)perfluorooctylsulphonamide-d9	32%	J/UJ	N-EtFOSE
58F_5-10	460-335806-12	N-Ethyl-N-(2-hydroxyethyl)perfluorooctylsulphonamide-d9	41%	J/UJ	N-EtFOSE
58G_5-10	460-335806-14	N-Ethyl-N-(2-hydroxyethyl)perfluorooctylsulphonamide-d9	43%	J/UJ	N-EtFOSE
58H_0-5	460-335806-15	N-Ethyl-N-(2-hydroxyethyl)perfluorooctylsulphonamide-d9	41%	J/UJ	N-EtFOSE
58H_5-10	460-335806-16	N-Ethyl-N-(2-hydroxyethyl)perfluorooctylsulphonamide-d9	18%	J/UJ	N-EtFOSE
58I_0-5	460-335806-17	N-Ethyl-N-(2-hydroxyethyl)perfluorooctylsulphonamide-d9	22%	J/UJ	N-EtFOSE
58I_5-10	460-335806-18	N-Ethyl-N-(2-hydroxyethyl)perfluorooctylsulphonamide-d9	30%	J/UJ	N-EtFOSE
58J_0-5	460-335806-19	N-Ethyl-N-(2-hydroxyethyl)perfluorooctylsulphonamide-d9	36%	J/UJ	N-EtFOSE
58A_5-10	460-335806-2	N-Ethyl-N-(2-hydroxyethyl)perfluorooctylsulphonamide-d9	18%	J/UJ	N-EtFOSE
58J_5-10	460-335806-20	N-Ethyl-N-(2-hydroxyethyl)perfluorooctylsulphonamide-d9	35%	J/UJ	N-EtFOSE
58B_0-5	460-335806-3	N-Ethyl-N-(2-hydroxyethyl)perfluorooctylsulphonamide-d9	17%	J/UJ	N-EtFOSE
58B_5-10	460-335806-4	N-Ethyl-N-(2-hydroxyethyl)perfluorooctylsulphonamide-d9	29%	J/UJ	N-EtFOSE
58C_0-5	460-335806-5	N-Ethyl-N-(2-hydroxyethyl)perfluorooctylsulphonamide-d9	41%	J/UJ	N-EtFOSE
58C_5-10	460-335806-6	N-Ethyl-N-(2-hydroxyethyl)perfluorooctylsulphonamide-d9	34%	J/UJ	N-EtFOSE
58D_0-5	460-335806-7	N-Ethyl-N-(2-hydroxyethyl)perfluorooctylsulphonamide-d9	39%	J/UJ	N-EtFOSE
58D_5-10	460-335806-8	N-Ethyl-N-(2-hydroxyethyl)perfluorooctylsulphonamide-d9	37%	J/UJ	N-EtFOSE

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Sample ID	Lab ID	Standard Name	%Recovery	Qualifier	Target analytes
58E_0-5	460-335806-9	N-Ethyl-N-(2-hydroxyethyl)perfluorooctylsulphonamide-d9	42%	J/UJ	N-EtFOSE
59A_0-6	460-335975-1	N-Ethyl-N-(2-hydroxyethyl)perfluorooctylsulphonamide-d9	23%	J/UJ	N-EtFOSE
57A_4-8	460-335975-14	N-Ethyl-N-(2-hydroxyethyl)perfluorooctylsulphonamide-d9	48%	J/UJ	N-EtFOSE
59A_6-12	460-335975-2	N-Ethyl-N-(2-hydroxyethyl)perfluorooctylsulphonamide-d9	17%	J/UJ	N-EtFOSE
59B_0-6	460-335975-3	N-Ethyl-N-(2-hydroxyethyl)perfluorooctylsulphonamide-d9	18%	J/UJ	N-EtFOSE
59B_6-12	460-335975-4	N-Ethyl-N-(2-hydroxyethyl)perfluorooctylsulphonamide-d9	26%	J/UJ	N-EtFOSE
60A_0-4	460-336212-1	N-Ethyl-N-(2-hydroxyethyl)perfluorooctylsulphonamide-d9	47%	J/UJ	N-EtFOSE
8B_5-10	460-336212-10	N-Ethyl-N-(2-hydroxyethyl)perfluorooctylsulphonamide-d9	43%	J/UJ	N-EtFOSE
6A_0-6	460-336212-11	N-Ethyl-N-(2-hydroxyethyl)perfluorooctylsulphonamide-d9	41%	J/UJ	N-EtFOSE
6A_6-12	460-336212-12	N-Ethyl-N-(2-hydroxyethyl)perfluorooctylsulphonamide-d9	40%	J/UJ	N-EtFOSE
6B_0-6	460-336212-13	N-Ethyl-N-(2-hydroxyethyl)perfluorooctylsulphonamide-d9	37%	J/UJ	N-EtFOSE
6B_6-12	460-336212-14	N-Ethyl-N-(2-hydroxyethyl)perfluorooctylsulphonamide-d9	38%	J/UJ	N-EtFOSE
6C_0-6	460-336212-15	N-Ethyl-N-(2-hydroxyethyl)perfluorooctylsulphonamide-d9	40%	J/UJ	N-EtFOSE
6C_6-12	460-336212-16	N-Ethyl-N-(2-hydroxyethyl)perfluorooctylsulphonamide-d9	41%	J/UJ	N-EtFOSE
60A_4-8	460-336212-2	N-Ethyl-N-(2-hydroxyethyl)perfluorooctylsulphonamide-d9	26%	J/UJ	N-EtFOSE
43A_0-4	460-336212-3	N-Ethyl-N-(2-hydroxyethyl)perfluorooctylsulphonamide-d9	33%	J/UJ	N-EtFOSE
43A_4-8	460-336212-4	N-Ethyl-N-(2-hydroxyethyl)perfluorooctylsulphonamide-d9	38%	J/UJ	N-EtFOSE
43B_0-4	460-336212-5	N-Ethyl-N-(2-hydroxyethyl)perfluorooctylsulphonamide-d9	27%	J/UJ	N-EtFOSE
43B_4-8	460-336212-6	N-Ethyl-N-(2-hydroxyethyl)perfluorooctylsulphonamide-d9	34%	J/UJ	N-EtFOSE
8A_0-5	460-336212-7	N-Ethyl-N-(2-hydroxyethyl)perfluorooctylsulphonamide-d9	47%	J/UJ	N-EtFOSE
8A_5-10	460-336212-8	N-Ethyl-N-(2-hydroxyethyl)perfluorooctylsulphonamide-d9	39%	J/UJ	N-EtFOSE
8B_0-5	460-336212-9	N-Ethyl-N-(2-hydroxyethyl)perfluorooctylsulphonamide-d9	40%	J/UJ	N-EtFOSE
6D_0-6	460-336309-1	N-Ethyl-N-(2-hydroxyethyl)perfluorooctylsulphonamide-d9	48%	J/UJ	N-EtFOSE
4B_7-14	460-336309-10	N-Ethyl-N-(2-hydroxyethyl)perfluorooctylsulphonamide-d9	39%	J/UJ	N-EtFOSE
4C_0-7	460-336309-11	N-Ethyl-N-(2-hydroxyethyl)perfluorooctylsulphonamide-d9	46%	J/UJ	N-EtFOSE
4E_0-7	460-336309-15	N-Ethyl-N-(2-hydroxyethyl)perfluorooctylsulphonamide-d9	30%	J/UJ	N-EtFOSE
4E_7-14	460-336309-16	N-Ethyl-N-(2-hydroxyethyl)perfluorooctylsulphonamide-d9	45%	J/UJ	N-EtFOSE
4F_7-14	460-336309-18	N-Ethyl-N-(2-hydroxyethyl)perfluorooctylsulphonamide-d9	36%	J/UJ	N-EtFOSE
6D_6-12	460-336309-2	N-Ethyl-N-(2-hydroxyethyl)perfluorooctylsulphonamide-d9	42%	J/UJ	N-EtFOSE
6E_0-6	460-336309-3	N-Ethyl-N-(2-hydroxyethyl)perfluorooctylsulphonamide-d9	44%	J/UJ	N-EtFOSE
6F_0-6	460-336309-5	N-Ethyl-N-(2-hydroxyethyl)perfluorooctylsulphonamide-d9	46%	J/UJ	N-EtFOSE
4A_0-7	460-336309-7	N-Ethyl-N-(2-hydroxyethyl)perfluorooctylsulphonamide-d9	38%	J/UJ	N-EtFOSE
4A_7-14	460-336309-8	N-Ethyl-N-(2-hydroxyethyl)perfluorooctylsulphonamide-d9	41%	J/UJ	N-EtFOSE
4B_0-7	460-336309-9	N-Ethyl-N-(2-hydroxyethyl)perfluorooctylsulphonamide-d9	34%	J/UJ	N-EtFOSE
1E_0-7	460-336467-13	N-Ethyl-N-(2-hydroxyethyl)perfluorooctylsulphonamide-d9	45%	J/UJ	N-EtFOSE
1F_0-7	460-336467-15	N-Ethyl-N-(2-hydroxyethyl)perfluorooctylsulphonamide-d9	38%	J/UJ	N-EtFOSE
1F_7-14	460-336467-16	N-Ethyl-N-(2-hydroxyethyl)perfluorooctylsulphonamide-d9	30%	J/UJ	N-EtFOSE
1G_0-7	460-336467-17	N-Ethyl-N-(2-hydroxyethyl)perfluorooctylsulphonamide-d9	45%	J/UJ	N-EtFOSE

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Sample ID	Lab ID	Standard Name	%Recovery	Qualifier	Target analytes
1G_7-14	460-336467-18	N-Ethyl-N-(2-hydroxyethyl)perfluorooctylsulphonamide-d9	41%	J/UJ	N-EtFOSE
1H_0-7	460-336467-19	N-Ethyl-N-(2-hydroxyethyl)perfluorooctylsulphonamide-d9	34%	J/UJ	N-EtFOSE
2A_6-12	460-336467-2	N-Ethyl-N-(2-hydroxyethyl)perfluorooctylsulphonamide-d9	48%	J/UJ	N-EtFOSE
1H_7-14	460-336467-20	N-Ethyl-N-(2-hydroxyethyl)perfluorooctylsulphonamide-d9	39%	J/UJ	N-EtFOSE
1A_0-7	460-336467-5	N-Ethyl-N-(2-hydroxyethyl)perfluorooctylsulphonamide-d9	44%	J/UJ	N-EtFOSE
48A_0-3	460-336556-1	N-Ethyl-N-(2-hydroxyethyl)perfluorooctylsulphonamide-d9	42%	J/UJ	N-EtFOSE
61A_3-6	460-336556-10	N-Ethyl-N-(2-hydroxyethyl)perfluorooctylsulphonamide-d9	43%	J/UJ	N-EtFOSE
62A_0-5	460-336556-11	N-Ethyl-N-(2-hydroxyethyl)perfluorooctylsulphonamide-d9	48%	J/UJ	N-EtFOSE
62A_5-10	460-336556-12	N-Ethyl-N-(2-hydroxyethyl)perfluorooctylsulphonamide-d9	28%	J/UJ	N-EtFOSE
48A_3-6	460-336556-2	N-Ethyl-N-(2-hydroxyethyl)perfluorooctylsulphonamide-d9	32%	J/UJ	N-EtFOSE
48B_0-3	460-336556-3	N-Ethyl-N-(2-hydroxyethyl)perfluorooctylsulphonamide-d9	30%	J/UJ	N-EtFOSE
48B_3-6	460-336556-4	N-Ethyl-N-(2-hydroxyethyl)perfluorooctylsulphonamide-d9	37%	J/UJ	N-EtFOSE
48C_0-3	460-336556-5	N-Ethyl-N-(2-hydroxyethyl)perfluorooctylsulphonamide-d9	38%	J/UJ	N-EtFOSE
44A_0-4	460-336648-1	N-Ethyl-N-(2-hydroxyethyl)perfluorooctylsulphonamide-d9	42%	J/UJ	N-EtFOSE
44E_4-8	460-336648-10	N-Ethyl-N-(2-hydroxyethyl)perfluorooctylsulphonamide-d9	37%	J/UJ	N-EtFOSE
44F_0-4	460-336648-11	N-Ethyl-N-(2-hydroxyethyl)perfluorooctylsulphonamide-d9	38%	J/UJ	N-EtFOSE
44F_4-8	460-336648-12	N-Ethyl-N-(2-hydroxyethyl)perfluorooctylsulphonamide-d9	43%	J/UJ	N-EtFOSE
45A_0-6	460-336648-13	N-Ethyl-N-(2-hydroxyethyl)perfluorooctylsulphonamide-d9	43%	J/UJ	N-EtFOSE
45A_6-12	460-336648-14	N-Ethyl-N-(2-hydroxyethyl)perfluorooctylsulphonamide-d9	37%	J/UJ	N-EtFOSE
45B_0-6	460-336648-15	N-Ethyl-N-(2-hydroxyethyl)perfluorooctylsulphonamide-d9	36%	J/UJ	N-EtFOSE
45B_6-12	460-336648-16	N-Ethyl-N-(2-hydroxyethyl)perfluorooctylsulphonamide-d9	34%	J/UJ	N-EtFOSE
45C_0-6	460-336648-17	N-Ethyl-N-(2-hydroxyethyl)perfluorooctylsulphonamide-d9	42%	J/UJ	N-EtFOSE
45C_6-12	460-336648-18	N-Ethyl-N-(2-hydroxyethyl)perfluorooctylsulphonamide-d9	30%	J/UJ	N-EtFOSE
49A_0-5	460-336648-19	N-Ethyl-N-(2-hydroxyethyl)perfluorooctylsulphonamide-d9	34%	J/UJ	N-EtFOSE
44A_4-8	460-336648-2	N-Ethyl-N-(2-hydroxyethyl)perfluorooctylsulphonamide-d9	34%	J/UJ	N-EtFOSE
49A_5-10	460-336648-20	N-Ethyl-N-(2-hydroxyethyl)perfluorooctylsulphonamide-d9	29%	J/UJ	N-EtFOSE
49B_0-5	460-336648-21	N-Ethyl-N-(2-hydroxyethyl)perfluorooctylsulphonamide-d9	37%	J/UJ	N-EtFOSE
49B_5-10	460-336648-22	N-Ethyl-N-(2-hydroxyethyl)perfluorooctylsulphonamide-d9	22%	J/UJ	N-EtFOSE
44B_0-4	460-336648-3	N-Ethyl-N-(2-hydroxyethyl)perfluorooctylsulphonamide-d9	36%	J/UJ	N-EtFOSE
44B_4-8	460-336648-4	N-Ethyl-N-(2-hydroxyethyl)perfluorooctylsulphonamide-d9	9%	R	N-EtFOSE
44C_0-4	460-336648-5	N-Ethyl-N-(2-hydroxyethyl)perfluorooctylsulphonamide-d9	29%	J/UJ	N-EtFOSE
44C_4-8	460-336648-6	N-Ethyl-N-(2-hydroxyethyl)perfluorooctylsulphonamide-d9	21%	J/UJ	N-EtFOSE
44D_0-4	460-336648-7	N-Ethyl-N-(2-hydroxyethyl)perfluorooctylsulphonamide-d9	27%	J/UJ	N-EtFOSE
44D_4-8	460-336648-8	N-Ethyl-N-(2-hydroxyethyl)perfluorooctylsulphonamide-d9	27%	J/UJ	N-EtFOSE
44E_0-4	460-336648-9	N-Ethyl-N-(2-hydroxyethyl)perfluorooctylsulphonamide-d9	45%	J/UJ	N-EtFOSE
49C_0-5	460-336761-1	N-Ethyl-N-(2-hydroxyethyl)perfluorooctylsulphonamide-d9	43%	J/UJ	N-EtFOSE
5D_5-10	460-336761-12	N-Ethyl-N-(2-hydroxyethyl)perfluorooctylsulphonamide-d9	45%	J/UJ	N-EtFOSE
5E_0-5	460-336761-13	N-Ethyl-N-(2-hydroxyethyl)perfluorooctylsulphonamide-d9	46%	J/UJ	N-EtFOSE

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Sample ID	Lab ID	Standard Name	%Recovery	Qualifier	Target analytes
3D_0-7	460-336761-19	N-Ethyl-N-(2-hydroxyethyl)perfluorooctylsulphonamide-d9	49%	J/UJ	N-EtFOSE
49C_5-10	460-336761-2	N-Ethyl-N-(2-hydroxyethyl)perfluorooctylsulphonamide-d9	48%	J/UJ	N-EtFOSE
3D_7-14	460-336761-20	N-Ethyl-N-(2-hydroxyethyl)perfluorooctylsulphonamide-d9	47%	J/UJ	N-EtFOSE
49D_5-10	460-336761-4	N-Ethyl-N-(2-hydroxyethyl)perfluorooctylsulphonamide-d9	40%	J/UJ	N-EtFOSE
5A_0-5	460-336761-5	N-Ethyl-N-(2-hydroxyethyl)perfluorooctylsulphonamide-d9	31%	J/UJ	N-EtFOSE
5A_5-10	460-336761-6	N-Ethyl-N-(2-hydroxyethyl)perfluorooctylsulphonamide-d9	34%	J/UJ	N-EtFOSE
5B_0-5	460-336761-7	N-Ethyl-N-(2-hydroxyethyl)perfluorooctylsulphonamide-d9	44%	J/UJ	N-EtFOSE
50A_0-5	460-336881-1	N-Ethyl-N-(2-hydroxyethyl)perfluorooctylsulphonamide-d9	37%	J/UJ	N-EtFOSE
3A_7-14	460-336881-10	N-Ethyl-N-(2-hydroxyethyl)perfluorooctylsulphonamide-d9	39%	J/UJ	N-EtFOSE
3E_0-7	460-336881-11	N-Ethyl-N-(2-hydroxyethyl)perfluorooctylsulphonamide-d9	40%	J/UJ	N-EtFOSE
3E_7-14	460-336881-12	N-Ethyl-N-(2-hydroxyethyl)perfluorooctylsulphonamide-d9	43%	J/UJ	N-EtFOSE
3F_0-7	460-336881-13	N-Ethyl-N-(2-hydroxyethyl)perfluorooctylsulphonamide-d9	25%	J/UJ	N-EtFOSE
3F_7-14	460-336881-14	N-Ethyl-N-(2-hydroxyethyl)perfluorooctylsulphonamide-d9	41%	J/UJ	N-EtFOSE
3G_0-7	460-336881-15	N-Ethyl-N-(2-hydroxyethyl)perfluorooctylsulphonamide-d9	30%	J/UJ	N-EtFOSE
3G_7-14	460-336881-16	N-Ethyl-N-(2-hydroxyethyl)perfluorooctylsulphonamide-d9	27%	J/UJ	N-EtFOSE
50A_5-10	460-336881-2	N-Ethyl-N-(2-hydroxyethyl)perfluorooctylsulphonamide-d9	28%	J/UJ	N-EtFOSE
50B_0-4	460-336881-3	N-Ethyl-N-(2-hydroxyethyl)perfluorooctylsulphonamide-d9	40%	J/UJ	N-EtFOSE
50C_0-4	460-336881-5	N-Ethyl-N-(2-hydroxyethyl)perfluorooctylsulphonamide-d9	45%	J/UJ	N-EtFOSE
50C_4-8	460-336881-6	N-Ethyl-N-(2-hydroxyethyl)perfluorooctylsulphonamide-d9	42%	J/UJ	N-EtFOSE
50D_0-5	460-336881-7	N-Ethyl-N-(2-hydroxyethyl)perfluorooctylsulphonamide-d9	39%	J/UJ	N-EtFOSE
50D_5-10	460-336881-8	N-Ethyl-N-(2-hydroxyethyl)perfluorooctylsulphonamide-d9	39%	J/UJ	N-EtFOSE
3A_0-7	460-336881-9	N-Ethyl-N-(2-hydroxyethyl)perfluorooctylsulphonamide-d9	48%	J/UJ	N-EtFOSE
52A_0-4	460-337049-1	N-Ethyl-N-(2-hydroxyethyl)perfluorooctylsulphonamide-d9	32%	J/UJ	N-EtFOSE
51A_0-4	460-337049-11	N-Ethyl-N-(2-hydroxyethyl)perfluorooctylsulphonamide-d9	27%	J/UJ	N-EtFOSE
51A_4-8	460-337049-12	N-Ethyl-N-(2-hydroxyethyl)perfluorooctylsulphonamide-d9	45%	J/UJ	N-EtFOSE
51B_0-4	460-337049-13	N-Ethyl-N-(2-hydroxyethyl)perfluorooctylsulphonamide-d9	31%	J/UJ	N-EtFOSE
51B_4-8	460-337049-14	N-Ethyl-N-(2-hydroxyethyl)perfluorooctylsulphonamide-d9	47%	J/UJ	N-EtFOSE
52A_4-8	460-337049-2	N-Ethyl-N-(2-hydroxyethyl)perfluorooctylsulphonamide-d9	37%	J/UJ	N-EtFOSE
52B_0-4	460-337049-3	N-Ethyl-N-(2-hydroxyethyl)perfluorooctylsulphonamide-d9	39%	J/UJ	N-EtFOSE
52B_4-8	460-337049-4	N-Ethyl-N-(2-hydroxyethyl)perfluorooctylsulphonamide-d9	23%	J/UJ	N-EtFOSE
52C_0-4	460-337049-5	N-Ethyl-N-(2-hydroxyethyl)perfluorooctylsulphonamide-d9	36%	J/UJ	N-EtFOSE
52C_4-8	460-337049-6	N-Ethyl-N-(2-hydroxyethyl)perfluorooctylsulphonamide-d9	40%	J/UJ	N-EtFOSE
54A_4-8	460-335747-10	N-methylperfluorooctane sulfonamidoethanol (d7-N-MeFOSE-M)(IDA)	37%	J/UJ	N-MeFOSE
54B_0-4	460-335747-11	N-methylperfluorooctane sulfonamidoethanol (d7-N-MeFOSE-M)(IDA)	31%	J/UJ	N-MeFOSE
54B_4-8	460-335747-12	N-methylperfluorooctane sulfonamidoethanol (d7-N-MeFOSE-M)(IDA)	46%	J/UJ	N-MeFOSE
54C_0-4	460-335747-13	N-methylperfluorooctane sulfonamidoethanol (d7-N-MeFOSE-M)(IDA)	46%	J/UJ	N-MeFOSE
54C_4-8	460-335747-14	N-methylperfluorooctane sulfonamidoethanol (d7-N-MeFOSE-M)(IDA)	31%	J/UJ	N-MeFOSE
54D_0-4	460-335747-15	N-methylperfluorooctane sulfonamidoethanol (d7-N-MeFOSE-M)(IDA)	35%	J/UJ	N-MeFOSE

TABLE 8
EXTRACTION INTERNAL STANDARDS
FORMER PORT MOBIL
STATEN ISLAND, NEW YORK

Sample ID	Lab ID	Standard Name	%Recovery	Qualifier	Target analytes
53A_5-10	460-335747-2	N-methylperfluorooctane sulfonamidoethanol (d7-N-MeFOSE-M)(IDA)	44%	J/UJ	N-MeFOSE
53C_0-5	460-335747-5	N-methylperfluorooctane sulfonamidoethanol (d7-N-MeFOSE-M)(IDA)	44%	J/UJ	N-MeFOSE
53C_5-10	460-335747-6	N-methylperfluorooctane sulfonamidoethanol (d7-N-MeFOSE-M)(IDA)	21%	J/UJ	N-MeFOSE
53D_0-5	460-335747-7	N-methylperfluorooctane sulfonamidoethanol (d7-N-MeFOSE-M)(IDA)	31%	J/UJ	N-MeFOSE
53D_5-10	460-335747-8	N-methylperfluorooctane sulfonamidoethanol (d7-N-MeFOSE-M)(IDA)	38%	J/UJ	N-MeFOSE
54A_0-4	460-335747-9	N-methylperfluorooctane sulfonamidoethanol (d7-N-MeFOSE-M)(IDA)	34%	J/UJ	N-MeFOSE
58A_0-5	460-335806-1	N-methylperfluorooctane sulfonamidoethanol (d7-N-MeFOSE-M)(IDA)	44%	J/UJ	N-MeFOSE
58E_5-10	460-335806-10	N-methylperfluorooctane sulfonamidoethanol (d7-N-MeFOSE-M)(IDA)	41%	J/UJ	N-MeFOSE
58H_5-10	460-335806-16	N-methylperfluorooctane sulfonamidoethanol (d7-N-MeFOSE-M)(IDA)	29%	J/UJ	N-MeFOSE
58I_0-5	460-335806-17	N-methylperfluorooctane sulfonamidoethanol (d7-N-MeFOSE-M)(IDA)	31%	J/UJ	N-MeFOSE
58I_5-10	460-335806-18	N-methylperfluorooctane sulfonamidoethanol (d7-N-MeFOSE-M)(IDA)	42%	J/UJ	N-MeFOSE
58J_0-5	460-335806-19	N-methylperfluorooctane sulfonamidoethanol (d7-N-MeFOSE-M)(IDA)	48%	J/UJ	N-MeFOSE
58A_5-10	460-335806-2	N-methylperfluorooctane sulfonamidoethanol (d7-N-MeFOSE-M)(IDA)	31%	J/UJ	N-MeFOSE
58J_5-10	460-335806-20	N-methylperfluorooctane sulfonamidoethanol (d7-N-MeFOSE-M)(IDA)	47%	J/UJ	N-MeFOSE
58B_0-5	460-335806-3	N-methylperfluorooctane sulfonamidoethanol (d7-N-MeFOSE-M)(IDA)	25%	J/UJ	N-MeFOSE
58B_5-10	460-335806-4	N-methylperfluorooctane sulfonamidoethanol (d7-N-MeFOSE-M)(IDA)	35%	J/UJ	N-MeFOSE
58C_5-10	460-335806-6	N-methylperfluorooctane sulfonamidoethanol (d7-N-MeFOSE-M)(IDA)	42%	J/UJ	N-MeFOSE
58D_0-5	460-335806-7	N-methylperfluorooctane sulfonamidoethanol (d7-N-MeFOSE-M)(IDA)	46%	J/UJ	N-MeFOSE
58D_5-10	460-335806-8	N-methylperfluorooctane sulfonamidoethanol (d7-N-MeFOSE-M)(IDA)	44%	J/UJ	N-MeFOSE
59A_0-6	460-335975-1	N-methylperfluorooctane sulfonamidoethanol (d7-N-MeFOSE-M)(IDA)	36%	J/UJ	N-MeFOSE
59A_6-12	460-335975-2	N-methylperfluorooctane sulfonamidoethanol (d7-N-MeFOSE-M)(IDA)	25%	J/UJ	N-MeFOSE
59B_0-6	460-335975-3	N-methylperfluorooctane sulfonamidoethanol (d7-N-MeFOSE-M)(IDA)	25%	J/UJ	N-MeFOSE
59B_6-12	460-335975-4	N-methylperfluorooctane sulfonamidoethanol (d7-N-MeFOSE-M)(IDA)	38%	J/UJ	N-MeFOSE
8B_5-10	460-336212-10	N-methylperfluorooctane sulfonamidoethanol (d7-N-MeFOSE-M)(IDA)	47%	J/UJ	N-MeFOSE
6A_0-6	460-336212-11	N-methylperfluorooctane sulfonamidoethanol (d7-N-MeFOSE-M)(IDA)	48%	J/UJ	N-MeFOSE
6A_6-12	460-336212-12	N-methylperfluorooctane sulfonamidoethanol (d7-N-MeFOSE-M)(IDA)	46%	J/UJ	N-MeFOSE
6B_0-6	460-336212-13	N-methylperfluorooctane sulfonamidoethanol (d7-N-MeFOSE-M)(IDA)	39%	J/UJ	N-MeFOSE
6B_6-12	460-336212-14	N-methylperfluorooctane sulfonamidoethanol (d7-N-MeFOSE-M)(IDA)	42%	J/UJ	N-MeFOSE
6C_0-6	460-336212-15	N-methylperfluorooctane sulfonamidoethanol (d7-N-MeFOSE-M)(IDA)	44%	J/UJ	N-MeFOSE
6C_6-12	460-336212-16	N-methylperfluorooctane sulfonamidoethanol (d7-N-MeFOSE-M)(IDA)	45%	J/UJ	N-MeFOSE
60A_4-8	460-336212-2	N-methylperfluorooctane sulfonamidoethanol (d7-N-MeFOSE-M)(IDA)	33%	J/UJ	N-MeFOSE
43A_0-4	460-336212-3	N-methylperfluorooctane sulfonamidoethanol (d7-N-MeFOSE-M)(IDA)	40%	J/UJ	N-MeFOSE
43A_4-8	460-336212-4	N-methylperfluorooctane sulfonamidoethanol (d7-N-MeFOSE-M)(IDA)	49%	J/UJ	N-MeFOSE
43B_0-4	460-336212-5	N-methylperfluorooctane sulfonamidoethanol (d7-N-MeFOSE-M)(IDA)	38%	J/UJ	N-MeFOSE
43B_4-8	460-336212-6	N-methylperfluorooctane sulfonamidoethanol (d7-N-MeFOSE-M)(IDA)	43%	J/UJ	N-MeFOSE
8A_5-10	460-336212-8	N-methylperfluorooctane sulfonamidoethanol (d7-N-MeFOSE-M)(IDA)	43%	J/UJ	N-MeFOSE
8B_0-5	460-336212-9	N-methylperfluorooctane sulfonamidoethanol (d7-N-MeFOSE-M)(IDA)	46%	J/UJ	N-MeFOSE
4B_7-14	460-336309-10	N-methylperfluorooctane sulfonamidoethanol (d7-N-MeFOSE-M)(IDA)	45%	J/UJ	N-MeFOSE

TABLE 8
EXTRACTION INTERNAL STANDARDS
FORMER PORT MOBIL
STATEN ISLAND, NEW YORK

Sample ID	Lab ID	Standard Name	%Recovery	Qualifier	Target analytes
4E_0-7	460-336309-15	N-methylperfluorooctane sulfonamidoethanol (d7-N-MeFOSE-M)(IDA)	38%	J/UJ	N-MeFOSE
4F_7-14	460-336309-18	N-methylperfluorooctane sulfonamidoethanol (d7-N-MeFOSE-M)(IDA)	43%	J/UJ	N-MeFOSE
6E_0-6	460-336309-3	N-methylperfluorooctane sulfonamidoethanol (d7-N-MeFOSE-M)(IDA)	46%	J/UJ	N-MeFOSE
4B_0-7	460-336309-9	N-methylperfluorooctane sulfonamidoethanol (d7-N-MeFOSE-M)(IDA)	42%	J/UJ	N-MeFOSE
1F_7-14	460-336467-16	N-methylperfluorooctane sulfonamidoethanol (d7-N-MeFOSE-M)(IDA)	37%	J/UJ	N-MeFOSE
1G_0-7	460-336467-17	N-methylperfluorooctane sulfonamidoethanol (d7-N-MeFOSE-M)(IDA)	48%	J/UJ	N-MeFOSE
1H_0-7	460-336467-19	N-methylperfluorooctane sulfonamidoethanol (d7-N-MeFOSE-M)(IDA)	41%	J/UJ	N-MeFOSE
1H_7-14	460-336467-20	N-methylperfluorooctane sulfonamidoethanol (d7-N-MeFOSE-M)(IDA)	47%	J/UJ	N-MeFOSE
62A_5-10	460-336556-12	N-methylperfluorooctane sulfonamidoethanol (d7-N-MeFOSE-M)(IDA)	30%	J/UJ	N-MeFOSE
48A_3-6	460-336556-2	N-methylperfluorooctane sulfonamidoethanol (d7-N-MeFOSE-M)(IDA)	41%	J/UJ	N-MeFOSE
48B_0-3	460-336556-3	N-methylperfluorooctane sulfonamidoethanol (d7-N-MeFOSE-M)(IDA)	43%	J/UJ	N-MeFOSE
48B_3-6	460-336556-4	N-methylperfluorooctane sulfonamidoethanol (d7-N-MeFOSE-M)(IDA)	46%	J/UJ	N-MeFOSE
44A_0-4	460-336648-1	N-methylperfluorooctane sulfonamidoethanol (d7-N-MeFOSE-M)(IDA)	44%	J/UJ	N-MeFOSE
44E_4-8	460-336648-10	N-methylperfluorooctane sulfonamidoethanol (d7-N-MeFOSE-M)(IDA)	43%	J/UJ	N-MeFOSE
44F_0-4	460-336648-11	N-methylperfluorooctane sulfonamidoethanol (d7-N-MeFOSE-M)(IDA)	43%	J/UJ	N-MeFOSE
45A_0-6	460-336648-13	N-methylperfluorooctane sulfonamidoethanol (d7-N-MeFOSE-M)(IDA)	45%	J/UJ	N-MeFOSE
45A_6-12	460-336648-14	N-methylperfluorooctane sulfonamidoethanol (d7-N-MeFOSE-M)(IDA)	40%	J/UJ	N-MeFOSE
45B_0-6	460-336648-15	N-methylperfluorooctane sulfonamidoethanol (d7-N-MeFOSE-M)(IDA)	42%	J/UJ	N-MeFOSE
45B_6-12	460-336648-16	N-methylperfluorooctane sulfonamidoethanol (d7-N-MeFOSE-M)(IDA)	40%	J/UJ	N-MeFOSE
45C_0-6	460-336648-17	N-methylperfluorooctane sulfonamidoethanol (d7-N-MeFOSE-M)(IDA)	44%	J/UJ	N-MeFOSE
45C_6-12	460-336648-18	N-methylperfluorooctane sulfonamidoethanol (d7-N-MeFOSE-M)(IDA)	34%	J/UJ	N-MeFOSE
49A_0-5	460-336648-19	N-methylperfluorooctane sulfonamidoethanol (d7-N-MeFOSE-M)(IDA)	38%	J/UJ	N-MeFOSE
44A_4-8	460-336648-2	N-methylperfluorooctane sulfonamidoethanol (d7-N-MeFOSE-M)(IDA)	36%	J/UJ	N-MeFOSE
49A_5-10	460-336648-20	N-methylperfluorooctane sulfonamidoethanol (d7-N-MeFOSE-M)(IDA)	35%	J/UJ	N-MeFOSE
49B_0-5	460-336648-21	N-methylperfluorooctane sulfonamidoethanol (d7-N-MeFOSE-M)(IDA)	44%	J/UJ	N-MeFOSE
49B_5-10	460-336648-22	N-methylperfluorooctane sulfonamidoethanol (d7-N-MeFOSE-M)(IDA)	25%	J/UJ	N-MeFOSE
44B_0-4	460-336648-3	N-methylperfluorooctane sulfonamidoethanol (d7-N-MeFOSE-M)(IDA)	39%	J/UJ	N-MeFOSE
44B_4-8	460-336648-4	N-methylperfluorooctane sulfonamidoethanol (d7-N-MeFOSE-M)(IDA)	14%	J/UJ	N-MeFOSE
44C_0-4	460-336648-5	N-methylperfluorooctane sulfonamidoethanol (d7-N-MeFOSE-M)(IDA)	30%	J/UJ	N-MeFOSE
44C_4-8	460-336648-6	N-methylperfluorooctane sulfonamidoethanol (d7-N-MeFOSE-M)(IDA)	25%	J/UJ	N-MeFOSE
44D_0-4	460-336648-7	N-methylperfluorooctane sulfonamidoethanol (d7-N-MeFOSE-M)(IDA)	35%	J/UJ	N-MeFOSE
44D_4-8	460-336648-8	N-methylperfluorooctane sulfonamidoethanol (d7-N-MeFOSE-M)(IDA)	33%	J/UJ	N-MeFOSE
44E_0-4	460-336648-9	N-methylperfluorooctane sulfonamidoethanol (d7-N-MeFOSE-M)(IDA)	49%	J/UJ	N-MeFOSE
49C_0-5	460-336761-1	N-methylperfluorooctane sulfonamidoethanol (d7-N-MeFOSE-M)(IDA)	49%	J/UJ	N-MeFOSE
49D_5-10	460-336761-4	N-methylperfluorooctane sulfonamidoethanol (d7-N-MeFOSE-M)(IDA)	48%	J/UJ	N-MeFOSE
5A_0-5	460-336761-5	N-methylperfluorooctane sulfonamidoethanol (d7-N-MeFOSE-M)(IDA)	38%	J/UJ	N-MeFOSE
5A_5-10	460-336761-6	N-methylperfluorooctane sulfonamidoethanol (d7-N-MeFOSE-M)(IDA)	41%	J/UJ	N-MeFOSE
50A_0-5	460-336881-1	N-methylperfluorooctane sulfonamidoethanol (d7-N-MeFOSE-M)(IDA)	46%	J/UJ	N-MeFOSE

TABLE 8
EXTRACTION INTERNAL STANDARDS
FORMER PORT MOBIL
STATEN ISLAND, NEW YORK

Sample ID	Lab ID	Standard Name	%Recovery	Qualifier	Target analytes
3A_7-14	460-336881-10	N-methylperfluorooctane sulfonamidoethanol (d7-N-MeFOSE-M)(IDA)	47%	J/UJ	N-MeFOSE
3F_0-7	460-336881-13	N-methylperfluorooctane sulfonamidoethanol (d7-N-MeFOSE-M)(IDA)	34%	J/UJ	N-MeFOSE
3G_0-7	460-336881-15	N-methylperfluorooctane sulfonamidoethanol (d7-N-MeFOSE-M)(IDA)	36%	J/UJ	N-MeFOSE
3G_7-14	460-336881-16	N-methylperfluorooctane sulfonamidoethanol (d7-N-MeFOSE-M)(IDA)	32%	J/UJ	N-MeFOSE
50A_5-10	460-336881-2	N-methylperfluorooctane sulfonamidoethanol (d7-N-MeFOSE-M)(IDA)	36%	J/UJ	N-MeFOSE
50B_0-4	460-336881-3	N-methylperfluorooctane sulfonamidoethanol (d7-N-MeFOSE-M)(IDA)	49%	J/UJ	N-MeFOSE
50D_0-5	460-336881-7	N-methylperfluorooctane sulfonamidoethanol (d7-N-MeFOSE-M)(IDA)	49%	J/UJ	N-MeFOSE
52A_0-4	460-337049-1	N-methylperfluorooctane sulfonamidoethanol (d7-N-MeFOSE-M)(IDA)	46%	J/UJ	N-MeFOSE
51A_0-4	460-337049-11	N-methylperfluorooctane sulfonamidoethanol (d7-N-MeFOSE-M)(IDA)	44%	J/UJ	N-MeFOSE
51B_0-4	460-337049-13	N-methylperfluorooctane sulfonamidoethanol (d7-N-MeFOSE-M)(IDA)	38%	J/UJ	N-MeFOSE
52B_0-4	460-337049-3	N-methylperfluorooctane sulfonamidoethanol (d7-N-MeFOSE-M)(IDA)	48%	J/UJ	N-MeFOSE
52B_4-8	460-337049-4	N-methylperfluorooctane sulfonamidoethanol (d7-N-MeFOSE-M)(IDA)	29%	J/UJ	N-MeFOSE
52C_4-8	460-337049-6	N-methylperfluorooctane sulfonamidoethanol (d7-N-MeFOSE-M)(IDA)	47%	J/UJ	N-MeFOSE
44D_4-8	460-336648-8	Perfluoro[13C4]Butanoic Acid (MPFBA)	12%	J/UJ	PFBA
5D_5-10	460-336761-12	Perfluoro[1,2,3,4,5,6-13C6]Decanoic Acid (M6PFDA)	47%	J/UJ	PFDA
49A_0-5	460-336648-19	Perfluoro[1,2-13C2]Dodecanoic Acid (MPFDOA)	49%	J/UJ	PFDoDA and PFTrDA
49A_5-10	460-336648-20	Perfluoro[1,2-13C2]Dodecanoic Acid (MPFDOA)	47%	J/UJ	PFDoDA and PFTrDA
49B_5-10	460-336648-22	Perfluoro[1,2-13C2]Dodecanoic Acid (MPFDOA)	49%	J/UJ	PFDoDA and PFTrDA
44B_4-8	460-336648-4	Perfluoro[1,2-13C2]Dodecanoic Acid (MPFDOA)	47%	J/UJ	PFDoDA and PFTrDA
44C_4-8	460-336648-6	Perfluoro[1,2-13C2]Dodecanoic Acid (MPFDOA)	45%	J/UJ	PFDoDA and PFTrDA
5D_5-10	460-336761-12	Perfluoro[1,2-13C2]Dodecanoic Acid (MPFDOA)	37%	J/UJ	PFDoDA and PFTrDA
5D_5-10	460-336761-12	Perfluoro[13C8]Octanesulfonic Acid (M8PFOS)	31%	J/UJ	PFHpS, PFNS, PFOS, PFDS, PFDoS
44D_4-8	460-336648-8	Perfluoro[13C5]Pentanoic Acid (M5PFPeA)	12%	J/UJ	PFPeA, 3:3 FTCA, PFMBA, PFMPA
54C_4-8	460-335747-14	Perfluoro[1,2-13C2]Tetradecanoic Acid (M2PFTEDA)	37%	J/UJ	PFTeDA and PFTrDA
59A_0-6	460-335975-1	Perfluoro[1,2-13C2]Tetradecanoic Acid (M2PFTEDA)	43%	J/UJ	PFTeDA and PFTrDA
59F_0-6	460-335975-11	Perfluoro[1,2-13C2]Tetradecanoic Acid (M2PFTEDA)	48%	J/UJ	PFTeDA and PFTrDA
57A_4-8	460-335975-14	Perfluoro[1,2-13C2]Tetradecanoic Acid (M2PFTEDA)	36%	J/UJ	PFTeDA and PFTrDA
59A_6-12	460-335975-2	Perfluoro[1,2-13C2]Tetradecanoic Acid (M2PFTEDA)	44%	J/UJ	PFTeDA and PFTrDA
59B_0-6	460-335975-3	Perfluoro[1,2-13C2]Tetradecanoic Acid (M2PFTEDA)	39%	J/UJ	PFTeDA and PFTrDA
59B_6-12	460-335975-4	Perfluoro[1,2-13C2]Tetradecanoic Acid (M2PFTEDA)	49%	J/UJ	PFTeDA and PFTrDA
56D_0-3	460-336081-13	Perfluoro[1,2-13C2]Tetradecanoic Acid (M2PFTEDA)	47%	J/UJ	PFTeDA and PFTrDA
55A_3-6	460-336081-2	Perfluoro[1,2-13C2]Tetradecanoic Acid (M2PFTEDA)	43%	J/UJ	PFTeDA and PFTrDA
55B_3-6	460-336081-4	Perfluoro[1,2-13C2]Tetradecanoic Acid (M2PFTEDA)	49%	J/UJ	PFTeDA and PFTrDA
55C_0-3	460-336081-5	Perfluoro[1,2-13C2]Tetradecanoic Acid (M2PFTEDA)	38%	J/UJ	PFTeDA and PFTrDA
4B_7-14	460-336309-10	Perfluoro[1,2-13C2]Tetradecanoic Acid (M2PFTEDA)	49%	J/UJ	PFTeDA and PFTrDA
6E_0-6	460-336309-3	Perfluoro[1,2-13C2]Tetradecanoic Acid (M2PFTEDA)	40%	J/UJ	PFTeDA and PFTrDA
6F_6-12	460-336309-6	Perfluoro[1,2-13C2]Tetradecanoic Acid (M2PFTEDA)	43%	J/UJ	PFTeDA and PFTrDA
1F_7-14	460-336467-16	Perfluoro[1,2-13C2]Tetradecanoic Acid (M2PFTEDA)	45%	J/UJ	PFTeDA and PFTrDA

TABLE 8
EXTRACTION INTERNAL STANDARDS
FORMER PORT MOBIL
STATEN ISLAND, NEW YORK

Sample ID	Lab ID	Standard Name	%Recovery	Qualifier	Target analytes
62A_5-10	460-336556-12	Perfluoro[1,2-13C2]Tetradecanoic Acid (M2PFTEDA)	44%	J/UJ	PFTeDA and PFTrDA
44F_0-4	460-336648-11	Perfluoro[1,2-13C2]Tetradecanoic Acid (M2PFTEDA)	47%	J/UJ	PFTeDA and PFTrDA
45A_0-6	460-336648-13	Perfluoro[1,2-13C2]Tetradecanoic Acid (M2PFTEDA)	42%	J/UJ	PFTeDA and PFTrDA
45A_6-12	460-336648-14	Perfluoro[1,2-13C2]Tetradecanoic Acid (M2PFTEDA)	44%	J/UJ	PFTeDA and PFTrDA
49A_0-5	460-336648-19	Perfluoro[1,2-13C2]Tetradecanoic Acid (M2PFTEDA)	39%	J/UJ	PFTeDA and PFTrDA
49A_5-10	460-336648-20	Perfluoro[1,2-13C2]Tetradecanoic Acid (M2PFTEDA)	29%	J/UJ	PFTeDA and PFTrDA
49B_0-5	460-336648-21	Perfluoro[1,2-13C2]Tetradecanoic Acid (M2PFTEDA)	48%	J/UJ	PFTeDA and PFTrDA
49B_5-10	460-336648-22	Perfluoro[1,2-13C2]Tetradecanoic Acid (M2PFTEDA)	43%	J/UJ	PFTeDA and PFTrDA
44B_4-8	460-336648-4	Perfluoro[1,2-13C2]Tetradecanoic Acid (M2PFTEDA)	15%	J/UJ	PFTeDA and PFTrDA
44C_0-4	460-336648-5	Perfluoro[1,2-13C2]Tetradecanoic Acid (M2PFTEDA)	41%	J/UJ	PFTeDA and PFTrDA
44C_4-8	460-336648-6	Perfluoro[1,2-13C2]Tetradecanoic Acid (M2PFTEDA)	34%	J/UJ	PFTeDA and PFTrDA
44D_0-4	460-336648-7	Perfluoro[1,2-13C2]Tetradecanoic Acid (M2PFTEDA)	45%	J/UJ	PFTeDA and PFTrDA
44D_4-8	460-336648-8	Perfluoro[1,2-13C2]Tetradecanoic Acid (M2PFTEDA)	43%	J/UJ	PFTeDA and PFTrDA
5D_5-10	460-336761-12	Perfluoro[1,2-13C2]Tetradecanoic Acid (M2PFTEDA)	37%	J/UJ	PFTeDA and PFTrDA
3G_0-7	460-336881-15	Perfluoro[1,2-13C2]Tetradecanoic Acid (M2PFTEDA)	45%	J/UJ	PFTeDA and PFTrDA
3G_7-14	460-336881-16	Perfluoro[1,2-13C2]Tetradecanoic Acid (M2PFTEDA)	44%	J/UJ	PFTeDA and PFTrDA
50A_5-10	460-336881-2	Perfluoro[1,2-13C2]Tetradecanoic Acid (M2PFTEDA)	40%	J/UJ	PFTeDA and PFTrDA
51A_0-4	460-337049-11	Perfluoro[1,2-13C2]Tetradecanoic Acid (M2PFTEDA)	44%	J/UJ	PFTeDA and PFTrDA
5D_5-10	460-336761-12	Perfluoro[1,2,3,4,5,6,7-13C7]Undecanoic Acid (M7-PFUDA)	40%	J/UJ	PFUnDA

SDG	Method	Basis	Sample ID	Lab ID	Analyte	Reported Result	Validated Result	Reason for Qualifier
4603357471	E1633A	Dry	53A_0-5	460-335747-1	N-Ethylperfluorooctane sulfonamidoethanol (N-EtFOSE)	U	2280 J	DUP
4603357471	SW6020B	Dry	53A_0-5	460-335747-1	Antimony	0.71 J	54.3 J	DUP
4603357471	SW6020B	Dry	53A_0-5	460-335747-1	Calcium	2750	2300 J	DUP
4603357471	SW6020B	Dry	53A_0-5	460-335747-1	Chromium	23.3	3000 J	DUP
4603357471	SW6020B	Dry	53A_0-5	460-335747-1	Copper	40.3	31.4 J	DUP
4603357471	SW6020B	Dry	53A_0-5	460-335747-1	Magnesium	2860	2180 J	DUP
4603357471	SW6020B	Dry	53A_0-5	460-335747-1	Nickel	14.9	724 J	DUP
4603357471	SW8081B	Dry	53A_0-5	460-335747-1	4,4'-DDT	0.0027 J	18.8 J	DUP
4603357471	SW8270E	Dry	53A_0-5	460-335747-1	2,4-Dimethylphenol	U	2540 J	DUP
4603357471	SW8270E	Dry	53A_0-5	460-335747-1	Acenaphthylene	U	478 J	DUP
4603357471	E1633A	Dry	54A_4-8	460-335747-10	N-Ethylperfluorooctane sulfonamidoethanol (N-EtFOSE)	U	32.3 J	DUP
4603357471	E1633A	Dry	54A_4-8	460-335747-10	N-Methylperfluorooctane sulfonamidoethanol (N-MeFOSE)	U	1040 J	DUP
4603357471	SW6020B	Dry	54A_4-8	460-335747-10	Antimony	0.43 J	784 J	DUP
4603357471	SW6020B	Dry	54A_4-8	460-335747-10	Calcium	789	20.1 J	DUP
4603357471	SW6020B	Dry	54A_4-8	460-335747-10	Chromium	14.8	1840 J	DUP
4603357471	SW6020B	Dry	54A_4-8	460-335747-10	Copper	27.6	1280 J	DUP
4603357471	SW6020B	Dry	54A_4-8	460-335747-10	Magnesium	2000	57.7 J	DUP
4603357471	SW6020B	Dry	54A_4-8	460-335747-10	Nickel	16.6	2860 J	DUP
4603357471	E1633A	Dry	54B_0-4	460-335747-11	N-Ethylperfluorooctane sulfonamidoethanol (N-EtFOSE)	U	1690 J	DUP
4603357471	E1633A	Dry	54B_0-4	460-335747-11	N-Methylperfluorooctane sulfonamidoethanol (N-MeFOSE)	U	53.5 J	DUP
4603357471	SW6020B	Dry	54B_0-4	460-335747-11	Antimony	1.1	2870 J	DUP
4603357471	SW6020B	Dry	54B_0-4	460-335747-11	Calcium	2270	1470 J	DUP
4603357471	SW6020B	Dry	54B_0-4	460-335747-11	Chromium	35.2	9.6 J	DUP
4603357471	SW6020B	Dry	54B_0-4	460-335747-11	Copper	92.9	4740 J	DUP
4603357471	SW6020B	Dry	54B_0-4	460-335747-11	Magnesium	2450	1600 J	DUP
4603357471	SW6020B	Dry	54B_0-4	460-335747-11	Nickel	34.4	72.9 J	DUP

SDG	Method	Basis	Sample ID	Lab ID	Analyte	Reported Result	Validated Result	Reason for Qualifier
4603357471	E1633A	Dry	54B_4-8	460-335747-12	N-Ethylperfluorooctane sulfonamidoethanol (N-EtFOSE)	U	2140 J	DUP
4603357471	E1633A	Dry	54B_4-8	460-335747-12	N-Methylperfluorooctane sulfonamidoethanol (N-MeFOSE)	U	955 J	DUP
4603357471	SW6020B	Dry	54B_4-8	460-335747-12	Antimony	1.1	10.4 J	DUP
4603357471	SW6020B	Dry	54B_4-8	460-335747-12	Calcium	1090	2230 J	DUP
4603357471	SW6020B	Dry	54B_4-8	460-335747-12	Chromium	18	634 J	DUP
4603357471	SW6020B	Dry	54B_4-8	460-335747-12	Copper	56.8	47.7 J	DUP
4603357471	SW6020B	Dry	54B_4-8	460-335747-12	Magnesium	1680	954 J	DUP
4603357471	SW6020B	Dry	54B_4-8	460-335747-12	Nickel	62.9	702 J	DUP
4603357471	E1633A	Dry	54C_0-4	460-335747-13	N-Ethylperfluorooctane sulfonamidoethanol (N-EtFOSE)	U	39.7 J	DUP
4603357471	E1633A	Dry	54C_0-4	460-335747-13	N-Methylperfluorooctane sulfonamidoethanol (N-MeFOSE)	U	1450 J	DUP
4603357471	SW6020B	Dry	54C_0-4	460-335747-13	Antimony	0.75 J	20400 J	DUP
4603357471	SW6020B	Dry	54C_0-4	460-335747-13	Calcium	691	48.1 J	DUP
4603357471	SW6020B	Dry	54C_0-4	460-335747-13	Chromium	14.1	11700 J	DUP
4603357471	SW6020B	Dry	54C_0-4	460-335747-13	Copper	35.6	815 J	DUP
4603357471	SW6020B	Dry	54C_0-4	460-335747-13	Magnesium	1300	41 J	DUP
4603357471	SW6020B	Dry	54C_0-4	460-335747-13	Nickel	12.5	923 J	DUP
4603357471	E1633A	Dry	54C_4-8	460-335747-14	N-Ethylperfluorooctane sulfonamidoethanol (N-EtFOSE)	U	12100 J	DUP
4603357471	E1633A	Dry	54C_4-8	460-335747-14	N-Methylperfluorooctane sulfonamidoethanol (N-MeFOSE)	U	51.3 J	DUP
4603357471	E1633A	Dry	54C_4-8	460-335747-14	Perfluorotetradecanoic acid (PFTeDA)	0.56	7430 J	DUP
4603357471	E1633A	Dry	54C_4-8	460-335747-14	Perfluorotridecanoic acid (PFTrDA)	9.58	3870 J	DUP
4603357471	SW6020B	Dry	54C_4-8	460-335747-14	Antimony	0.62 J	67.5 J	DUP
4603357471	SW6020B	Dry	54C_4-8	460-335747-14	Calcium	3520	2810 J	DUP
4603357471	SW6020B	Dry	54C_4-8	460-335747-14	Chromium	14.2	2290 J	DUP
4603357471	SW6020B	Dry	54C_4-8	460-335747-14	Copper	34.1	39.7 J	DUP
4603357471	SW6020B	Dry	54C_4-8	460-335747-14	Magnesium	3080	2340 J	DUP
4603357471	SW6020B	Dry	54C_4-8	460-335747-14	Nickel	18.5	8600 J	DUP

SDG	Method	Basis	Sample ID	Lab ID	Analyte	Reported Result	Validated Result	Reason for Qualifier
4603357471	E1633A	Dry	54D_0-4	460-335747-15	N-Ethylperfluorooctane sulfonamidoethanol (N-EtFOSE)	U	62.6 J	DUP
4603357471	E1633A	Dry	54D_0-4	460-335747-15	N-Methylperfluorooctane sulfonamidoethanol (N-MeFOSE)	U	5800 J	DUP
4603357471	SW6020B	Dry	54D_0-4	460-335747-15	Antimony	0.49 J	2240 J	DUP
4603357471	SW6020B	Dry	54D_0-4	460-335747-15	Calcium	1540	35.1 J	DUP
4603357471	SW6020B	Dry	54D_0-4	460-335747-15	Chromium	14.9	3100 J	DUP
4603357471	SW6020B	Dry	54D_0-4	460-335747-15	Copper	26.8	1690 J	DUP
4603357471	SW6020B	Dry	54D_0-4	460-335747-15	Magnesium	2330	38.8 J	DUP
4603357471	SW6020B	Dry	54D_0-4	460-335747-15	Nickel	11.2	2850 J	DUP
4603357471	E1633A	Dry	54D_4-8	460-335747-16	Perfluorotridecanoic acid (PFTrDA)	4.15	4.5 J	DUP
4603357471	SW6020B	Dry	54D_4-8	460-335747-16	Antimony	0.52 J	2060 J	DUP
4603357471	SW6020B	Dry	54D_4-8	460-335747-16	Calcium	3310	5.9 J	DUP
4603357471	SW6020B	Dry	54D_4-8	460-335747-16	Chromium	17	34.6 J	DUP
4603357471	SW6020B	Dry	54D_4-8	460-335747-16	Copper	34.2	16.1 J	DUP
4603357471	SW6020B	Dry	54D_4-8	460-335747-16	Magnesium	3940	90.9 J	DUP
4603357471	SW6020B	Dry	54D_4-8	460-335747-16	Nickel	13.6	6 J	DUP
4603357471	E1633A	Dry	53A_5-10	460-335747-2	N-Ethylperfluorooctane sulfonamidoethanol (N-EtFOSE)	U	861 J	DUP
4603357471	E1633A	Dry	53A_5-10	460-335747-2	N-Methylperfluorooctane sulfonamidoethanol (N-MeFOSE)	U	5.4 J	DUP
4603357471	SW6020B	Dry	53A_5-10	460-335747-2	Antimony	0.4 J	26.8 J	DUP
4603357471	SW6020B	Dry	53A_5-10	460-335747-2	Calcium	6480	18.1 J	DUP
4603357471	SW6020B	Dry	53A_5-10	460-335747-2	Chromium	14	44.3 J	DUP
4603357471	SW6020B	Dry	53A_5-10	460-335747-2	Copper	34.7	7 J	DUP
4603357471	SW6020B	Dry	53A_5-10	460-335747-2	Magnesium	5050	1990 J	DUP
4603357471	SW6020B	Dry	53A_5-10	460-335747-2	Nickel	12.2	14.5 J	DUP
4603357471	SW6020B	Dry	53B_0-5	460-335747-3	Antimony	0.76 J	150 J	DUP
4603357471	SW6020B	Dry	53B_0-5	460-335747-3	Calcium	4830	68.4 J	DUP
4603357471	SW6020B	Dry	53B_0-5	460-335747-3	Chromium	37.6	575 J	DUP
4603357471	SW6020B	Dry	53B_0-5	460-335747-3	Copper	44.6	6.5 J	DUP
4603357471	SW6020B	Dry	53B_0-5	460-335747-3	Magnesium	3010	1750 J	DUP

SDG	Method	Basis	Sample ID	Lab ID	Analyte	Reported Result	Validated Result	Reason for Qualifier
4603357471	SW6020B	Dry	53B_0-5	460-335747-3	Nickel	21.5	11.6 J	DUP
4603357471	SW6020B	Dry	53B_5-10	460-335747-4	Antimony	0.53 J	99.1 J	DUP
4603357471	SW6020B	Dry	53B_5-10	460-335747-4	Calcium	2390	58.9 J	DUP
4603357471	SW6020B	Dry	53B_5-10	460-335747-4	Chromium	24.4	331 J	DUP
4603357471	SW6020B	Dry	53B_5-10	460-335747-4	Copper	33.7	11.9 J	DUP
4603357471	SW6020B	Dry	53B_5-10	460-335747-4	Magnesium	2450	478 J	DUP
4603357471	SW6020B	Dry	53B_5-10	460-335747-4	Nickel	15.9	2.4 J	DUP
4603357471	E1633A	Dry	53C_0-5	460-335747-5	N-Ethylperfluorooctane sulfonamidoethanol (N-EtFOSE)	U	29.4 J	DUP
4603357471	E1633A	Dry	53C_0-5	460-335747-5	N-Methylperfluorooctane sulfonamidoethanol (N-MeFOSE)	U	4.7 J	DUP
4603357471	SW6020B	Dry	53C_0-5	460-335747-5	Antimony	0.51 J	25.8 J	DUP
4603357471	SW6020B	Dry	53C_0-5	460-335747-5	Calcium	10900	8.1 J	DUP
4603357471	SW6020B	Dry	53C_0-5	460-335747-5	Chromium	15.4	973 J	DUP
4603357471	SW6020B	Dry	53C_0-5	460-335747-5	Copper	32.8	4.6 J	DUP
4603357471	SW6020B	Dry	53C_0-5	460-335747-5	Magnesium	7290	34 J	DUP
4603357471	SW6020B	Dry	53C_0-5	460-335747-5	Nickel	11	12.7 J	DUP
4603357471	E1633A	Dry	53C_5-10	460-335747-6	N-Ethylperfluorooctane sulfonamidoethanol (N-EtFOSE)	U	94 J	DUP
4603357471	E1633A	Dry	53C_5-10	460-335747-6	N-Methylperfluorooctane sulfonamidoethanol (N-MeFOSE)	U	17.9 J	DUP
4603357471	SW6020B	Dry	53C_5-10	460-335747-6	Antimony	0.72 J	21.5 J	DUP
4603357471	SW6020B	Dry	53C_5-10	460-335747-6	Calcium	1750	23.8 J	DUP
4603357471	SW6020B	Dry	53C_5-10	460-335747-6	Chromium	18.8	22.9 J	DUP
4603357471	SW6020B	Dry	53C_5-10	460-335747-6	Copper	29.6	42.8 J	DUP
4603357471	SW6020B	Dry	53C_5-10	460-335747-6	Magnesium	1760	58.7 J	DUP
4603357471	SW6020B	Dry	53C_5-10	460-335747-6	Nickel	10.2	12.7 J	DUP
4603357471	E1633A	Dry	53D_0-5	460-335747-7	N-Ethylperfluorooctane sulfonamidoethanol (N-EtFOSE)	U	65.9 J	DUP
4603357471	E1633A	Dry	53D_0-5	460-335747-7	N-Methylperfluorooctane sulfonamidoethanol (N-MeFOSE)	U	113 J	DUP
4603357471	SW6020B	Dry	53D_0-5	460-335747-7	Antimony	0.46 J	21.8 J	DUP

SDG	Method	Basis	Sample ID	Lab ID	Analyte	Reported Result	Validated Result	Reason for Qualifier
4603357471	SW6020B	Dry	53D_0-5	460-335747-7	Calcium	2390	78.3 J	DUP
4603357471	SW6020B	Dry	53D_0-5	460-335747-7	Chromium	12.9	133 J	DUP
4603357471	SW6020B	Dry	53D_0-5	460-335747-7	Copper	33.6	44.9 J	DUP
4603357471	SW6020B	Dry	53D_0-5	460-335747-7	Magnesium	2790	38.9 J	DUP
4603357471	SW6020B	Dry	53D_0-5	460-335747-7	Nickel	11	74.3 J	DUP
4603357471	E1633A	Dry	53D_5-10	460-335747-8	N-Ethylperfluorooctane sulfonamidoethanol (N-EtFOSE)	U	12 J	DUP
4603357471	E1633A	Dry	53D_5-10	460-335747-8	N-Methylperfluorooctane sulfonamidoethanol (N-MeFOSE)	U	53 J	DUP
4603357471	SW6020B	Dry	53D_5-10	460-335747-8	Antimony	0.99 J	96 J	DUP
4603357471	SW6020B	Dry	53D_5-10	460-335747-8	Calcium	2420	21.4 J	DUP
4603357471	SW6020B	Dry	53D_5-10	460-335747-8	Chromium	26	55.5 J	DUP
4603357471	SW6020B	Dry	53D_5-10	460-335747-8	Copper	90.6	131 J	DUP
4603357471	SW6020B	Dry	53D_5-10	460-335747-8	Magnesium	2600	17.4 J	DUP
4603357471	SW6020B	Dry	53D_5-10	460-335747-8	Nickel	35.2	52.2 J	DUP
4603357471	E1633A	Dry	54A_0-4	460-335747-9	N-Ethylperfluorooctane sulfonamidoethanol (N-EtFOSE)	U	96.5 J	DUP
4603357471	E1633A	Dry	54A_0-4	460-335747-9	N-Methylperfluorooctane sulfonamidoethanol (N-MeFOSE)	U	14.2 J	DUP
4603357471	SW6020B	Dry	54A_0-4	460-335747-9	Antimony	0.26 J	79.1 J	DUP
4603357471	SW6020B	Dry	54A_0-4	460-335747-9	Calcium	604	126 J	DUP
4603357471	SW6020B	Dry	54A_0-4	460-335747-9	Chromium	11.3	35.7 J	DUP
4603357471	SW6020B	Dry	54A_0-4	460-335747-9	Copper	23	62 J	DUP
4603357471	SW6020B	Dry	54A_0-4	460-335747-9	Magnesium	1400	108 J	DUP
4603357471	SW6020B	Dry	54A_0-4	460-335747-9	Nickel	13.7	22.9 J	DUP
4603358061	E1633A	Dry	58A_0-5	460-335806-1	N-Ethylperfluorooctane sulfonamidoethanol (N-EtFOSE)	U	49.6 J	DUP
4603358061	E1633A	Dry	58A_0-5	460-335806-1	N-Methylperfluorooctane sulfonamidoethanol (N-MeFOSE)	U	100 J	DUP
4603358061	SW6020B	Dry	58A_0-5	460-335806-1	Antimony	0.58 J	20.3 J	DUP
4603358061	SW6020B	Dry	58A_0-5	460-335806-1	Barium	54.2	36.4 J	DUP
4603358061	SW6020B	Dry	58A_0-5	460-335806-1	Copper	55.8	94 J	DUP

SDG	Method	Basis	Sample ID	Lab ID	Analyte	Reported Result	Validated Result	Reason for Qualifier
4603358061	SW6020B	Dry	58A_0-5	460-335806-1	Nickel	14	15.7 J	DUP
4603358061	E1633A	Dry	58E_5-10	460-335806-10	N-Ethylperfluorooctane sulfonamidoethanol (N-EtFOSE)	U	51 J	DUP
4603358061	E1633A	Dry	58E_5-10	460-335806-10	N-Methylperfluorooctane sulfonamidoethanol (N-MeFOSE)	U	110 J	DUP
4603358061	SW6020B	Dry	58E_5-10	460-335806-10	Antimony	0.39 J	24.6 J	DUP
4603358061	SW6020B	Dry	58E_5-10	460-335806-10	Barium	43	45.9 J	DUP
4603358061	SW6020B	Dry	58E_5-10	460-335806-10	Copper	29.2	99.6 J	DUP
4603358061	SW6020B	Dry	58E_5-10	460-335806-10	Nickel	12.6	16.1 J	DUP
4603358061	E1633A	Dry	58F_0-5	460-335806-11	N-Ethylperfluorooctane sulfonamidoethanol (N-EtFOSE)	U	81.8 J	DUP
4603358061	SW6020B	Dry	58F_0-5	460-335806-11	Antimony	0.5 J	174 J	DUP
4603358061	SW6020B	Dry	58F_0-5	460-335806-11	Barium	74.3	25.5 J	DUP
4603358061	SW6020B	Dry	58F_0-5	460-335806-11	Copper	36	224 J	DUP
4603358061	SW6020B	Dry	58F_0-5	460-335806-11	Nickel	16.5	432 J	DUP
4603358061	E1633A	Dry	58F_5-10	460-335806-12	N-Ethylperfluorooctane sulfonamidoethanol (N-EtFOSE)	U	107 J	DUP
4603358061	SW6020B	Dry	58F_5-10	460-335806-12	Antimony	0.37 J	116 J	DUP
4603358061	SW6020B	Dry	58F_5-10	460-335806-12	Barium	45.5	204 J	DUP
4603358061	SW6020B	Dry	58F_5-10	460-335806-12	Copper	37.6	48.9 J	DUP
4603358061	SW6020B	Dry	58F_5-10	460-335806-12	Nickel	16.3	100 J	DUP
4603358061	SW6020B	Dry	58G_0-5	460-335806-13	Antimony	0.28 J	260 J	DUP
4603358061	SW6020B	Dry	58G_0-5	460-335806-13	Barium	53.1	41 J	DUP
4603358061	SW6020B	Dry	58G_0-5	460-335806-13	Copper	23.3	40.5 J	DUP
4603358061	SW6020B	Dry	58G_0-5	460-335806-13	Nickel	13.8	81.7 J	DUP
4603358061	E1633A	Dry	58G_5-10	460-335806-14	N-Ethylperfluorooctane sulfonamidoethanol (N-EtFOSE)	U	11 J	DUP
4603358061	SW6020B	Dry	58G_5-10	460-335806-14	Antimony	0.55 J	45.7 J	DUP
4603358061	SW6020B	Dry	58G_5-10	460-335806-14	Barium	52.7	102 J	DUP
4603358061	SW6020B	Dry	58G_5-10	460-335806-14	Copper	56.6	15.5 J	DUP
4603358061	SW6020B	Dry	58G_5-10	460-335806-14	Nickel	25.4	34.6 J	DUP

TABLE 9
SYSTEM PERFORMANCE SUMMARY
FORMER PORT MOBIL
STATEN ISLAND, NEW YORK

SDG	Method	Basis	Sample ID	Lab ID	Analyte	Reported Result	Validated Result	Reason for Qualifier
4603358061	E1633A	Dry	58H_0-5	460-335806-15	N-Ethylperfluorooctane sulfonamidoethanol (N-EtFOSE)	U	89.1 J	DUP
4603358061	SW6020B	Dry	58H_0-5	460-335806-15	Antimony	0.37 J	17.8 J	DUP
4603358061	SW6020B	Dry	58H_0-5	460-335806-15	Barium	49.7	303 J	DUP
4603358061	SW6020B	Dry	58H_0-5	460-335806-15	Copper	25.3	361 J	DUP
4603358061	SW6020B	Dry	58H_0-5	460-335806-15	Nickel	12.8	184 J	DUP
4603358061	E1633A	Dry	58H_5-10	460-335806-16	4:2 Fluorotelomer sulfonic acid (4:2 FTS)	U	379 J	DUP
4603358061	E1633A	Dry	58H_5-10	460-335806-16	N-Ethylperfluorooctane sulfonamidoethanol (N-EtFOSE)	U	492 J	DUP
4603358061	E1633A	Dry	58H_5-10	460-335806-16	N-Methylperfluorooctane sulfonamidoethanol (N-MeFOSE)	U	239 J	DUP
4603358061	SW6020B	Dry	58H_5-10	460-335806-16	Antimony	0.54 J	6.7 J	DUP
4603358061	SW6020B	Dry	58H_5-10	460-335806-16	Barium	34.5	513 J	DUP
4603358061	SW6020B	Dry	58H_5-10	460-335806-16	Copper	33.3	8 J	DUP
4603358061	SW6020B	Dry	58H_5-10	460-335806-16	Nickel	10.3	86.4 J	DUP
4603358061	E1633A	Dry	58I_0-5	460-335806-17	N-Ethylperfluorooctane sulfonamidoethanol (N-EtFOSE)	U	48.8 J	DUP
4603358061	E1633A	Dry	58I_0-5	460-335806-17	N-Methylperfluorooctane sulfonamidoethanol (N-MeFOSE)	U	218 J	DUP
4603358061	SW6020B	Dry	58I_0-5	460-335806-17	Antimony	0.61 J	7.9 J	DUP
4603358061	SW6020B	Dry	58I_0-5	460-335806-17	Barium	33.5	1460 J	DUP
4603358061	SW6020B	Dry	58I_0-5	460-335806-17	Copper	41.7	36.5 J	DUP
4603358061	SW6020B	Dry	58I_0-5	460-335806-17	Nickel	12.4	423 J	DUP
4603358061	E1633A	Dry	58I_5-10	460-335806-18	N-Ethylperfluorooctane sulfonamidoethanol (N-EtFOSE)	U	281 J	DUP
4603358061	E1633A	Dry	58I_5-10	460-335806-18	N-Methylperfluorooctane sulfonamidoethanol (N-MeFOSE)	U	1290 J	DUP
4603358061	SW6020B	Dry	58I_5-10	460-335806-18	Antimony	0.46 J	11.4 J	DUP
4603358061	SW6020B	Dry	58I_5-10	460-335806-18	Barium	31.5	8870 J	DUP
4603358061	SW6020B	Dry	58I_5-10	460-335806-18	Copper	33.7	9 J	DUP
4603358061	SW6020B	Dry	58I_5-10	460-335806-18	Nickel	10.6	110 J	DUP

SDG	Method	Basis	Sample ID	Lab ID	Analyte	Reported Result	Validated Result	Reason for Qualifier
4603358061	E1633A	Dry	58J_0-5	460-335806-19	N-Ethylperfluorooctane sulfonamidoethanol (N-EtFOSE)	U	59.9 J	DUP
4603358061	E1633A	Dry	58J_0-5	460-335806-19	N-Methylperfluorooctane sulfonamidoethanol (N-MeFOSE)	U	273 J	DUP
4603358061	SW6020B	Dry	58J_0-5	460-335806-19	Antimony	1.3	8.8 J	DUP
4603358061	SW6020B	Dry	58J_0-5	460-335806-19	Barium	78	776 J	DUP
4603358061	SW6020B	Dry	58J_0-5	460-335806-19	Copper	98	15.3 J	DUP
4603358061	SW6020B	Dry	58J_0-5	460-335806-19	Nickel	50.3	160 J	DUP
4603358061	E1633A	Dry	58A_5-10	460-335806-2	N-Ethylperfluorooctane sulfonamidoethanol (N-EtFOSE)	U	95.7 J	DUP
4603358061	E1633A	Dry	58A_5-10	460-335806-2	N-Methylperfluorooctane sulfonamidoethanol (N-MeFOSE)	U	397 J	DUP
4603358061	SW6020B	Dry	58A_5-10	460-335806-2	Antimony	0.53 J	46 J	DUP
4603358061	SW6020B	Dry	58A_5-10	460-335806-2	Barium	53.8	14.5 J	DUP
4603358061	SW6020B	Dry	58A_5-10	460-335806-2	Copper	42.7	23.3 J	DUP
4603358061	SW6020B	Dry	58A_5-10	460-335806-2	Nickel	15.2	14.9 J	DUP
4603358061	E1633A	Dry	58J_5-10	460-335806-20	N-Ethylperfluorooctane sulfonamidoethanol (N-EtFOSE)	U	13.3 J	DUP
4603358061	E1633A	Dry	58J_5-10	460-335806-20	N-Methylperfluorooctane sulfonamidoethanol (N-MeFOSE)	U	13.8 J	DUP
4603358061	SW6020B	Dry	58J_5-10	460-335806-20	Antimony	0.63 J	14.5 J	DUP
4603358061	SW6020B	Dry	58J_5-10	460-335806-20	Barium	34.4	13.1 J	DUP
4603358061	SW6020B	Dry	58J_5-10	460-335806-20	Copper	42.1	10.8 J	DUP
4603358061	SW6020B	Dry	58J_5-10	460-335806-20	Nickel	12	13.2 J	DUP
4603358061	E1633A	Dry	58B_0-5	460-335806-3	N-Ethylperfluorooctane sulfonamidoethanol (N-EtFOSE)	U	10.5 J	DUP
4603358061	E1633A	Dry	58B_0-5	460-335806-3	N-Methylperfluorooctane sulfonamidoethanol (N-MeFOSE)	U	9.8 J	DUP
4603358061	SW6020B	Dry	58B_0-5	460-335806-3	Antimony	0.6 J	2750 J	DUP
4603358061	SW6020B	Dry	58B_0-5	460-335806-3	Barium	59.3	23.3 J	DUP
4603358061	SW6020B	Dry	58B_0-5	460-335806-3	Copper	40.7	40.3 J	DUP
4603358061	SW6020B	Dry	58B_0-5	460-335806-3	Nickel	14.2	2860 J	DUP

SDG	Method	Basis	Sample ID	Lab ID	Analyte	Reported Result	Validated Result	Reason for Qualifier
4603358061	E1633A	Dry	58B_5-10	460-335806-4	N-Ethylperfluorooctane sulfonamidoethanol (N-EtFOSE)	U	14.9 J	DUP
4603358061	E1633A	Dry	58B_5-10	460-335806-4	N-Methylperfluorooctane sulfonamidoethanol (N-MeFOSE)	U	6480 J	DUP
4603358061	SW6020B	Dry	58B_5-10	460-335806-4	Antimony	0.6 J	14 J	DUP
4603358061	SW6020B	Dry	58B_5-10	460-335806-4	Barium	50.9	34.7 J	DUP
4603358061	SW6020B	Dry	58B_5-10	460-335806-4	Copper	40	5050 J	DUP
4603358061	SW6020B	Dry	58B_5-10	460-335806-4	Nickel	13.3	12.2 J	DUP
4603358061	E1633A	Dry	58C_0-5	460-335806-5	N-Ethylperfluorooctane sulfonamidoethanol (N-EtFOSE)	U	4830 J	DUP
4603358061	SW6020B	Dry	58C_0-5	460-335806-5	Antimony	0.69 J	37.6 J	DUP
4603358061	SW6020B	Dry	58C_0-5	460-335806-5	Barium	66.3	44.6 J	DUP
4603358061	SW6020B	Dry	58C_0-5	460-335806-5	Copper	45.9	3010 J	DUP
4603358061	SW6020B	Dry	58C_0-5	460-335806-5	Nickel	15.5	21.5 J	DUP
4603358061	SW8260D	Dry	58E3_8-9	460-335806-54	1,2,4-Trichlorobenzene	U	2390 J	DUP
4603358061	SW8260D	Dry	58E2_9-10	460-335806-55	1,2,4-Trichlorobenzene	U	24.4 J	DUP
4603358061	SW8260D	Dry	58F1_1-2	460-335806-56	1,2,4-Trichlorobenzene	U	33.7 J	DUP
4603358061	SW8260D	Dry	58F2_3-4	460-335806-57	1,2,4-Trichlorobenzene	U	2450 J	DUP
4603358061	SW8260D	Dry	58F3_4-5	460-335806-58	1,2,4-Trichlorobenzene	U	15.9 J	DUP
4603358061	SW8260D	Dry	58F1_5-6	460-335806-59	1,1-Dichloroethene	U	10900 J	DUP
4603358061	E1633A	Dry	58C_5-10	460-335806-6	N-Ethylperfluorooctane sulfonamidoethanol (N-EtFOSE)	U	15.4 J	DUP
4603358061	E1633A	Dry	58C_5-10	460-335806-6	N-Methylperfluorooctane sulfonamidoethanol (N-MeFOSE)	U	32.8 J	DUP
4603358061	SW6020B	Dry	58C_5-10	460-335806-6	Antimony	0.96 J	7290 J	DUP
4603358061	SW6020B	Dry	58C_5-10	460-335806-6	Barium	65.5	11 J	DUP
4603358061	SW6020B	Dry	58C_5-10	460-335806-6	Copper	69.8	1750 J	DUP
4603358061	SW6020B	Dry	58C_5-10	460-335806-6	Nickel	21	18.8 J	DUP
4603358061	SW8260D	Dry	58F2_7-8	460-335806-60	1,1-Dichloroethene	U	29.6 J	DUP
4603358061	SW8260D	Dry	58F3_8-9	460-335806-61	1,1-Dichloroethene	U	1760 J	DUP
4603358061	SW8260D	Dry	58F1_9-10	460-335806-62	1,1-Dichloroethene	U	10.2 J	DUP
4603358061	SW8260D	Dry	58G2_3-4	460-335806-64	1,1-Dichloroethene	U	2390 J	DUP

SDG	Method	Basis	Sample ID	Lab ID	Analyte	Reported Result	Validated Result	Reason for Qualifier
4603358061	SW8260D	Dry	58G3_4-5	460-335806-65	1,1-Dichloroethene	U	12.9 J	DUP
4603358061	SW8260D	Dry	58G1_5-6	460-335806-66	1,1-Dichloroethene	U	33.6 J	DUP
4603358061	SW8260D	Dry	58G2_7-8	460-335806-67	1,1-Dichloroethene	U	2790 J	DUP
4603358061	SW8260D	Dry	58G3_9-10	460-335806-68	1,1-Dichloroethene	U	11 J	DUP
4603358061	SW8260D	Dry	58G3_6-7	460-335806-69	1,1-Dichloroethene	U	2420 J	DUP
4603358061	E1633A	Dry	58D_0-5	460-335806-7	N-Ethylperfluorooctane sulfonamidoethanol (N-EtFOSE)	U	26 J	DUP
4603358061	E1633A	Dry	58D_0-5	460-335806-7	N-Methylperfluorooctane sulfonamidoethanol (N-MeFOSE)	U	90.6 J	DUP
4603358061	SW6020B	Dry	58D_0-5	460-335806-7	Antimony	0.86 J	2600 J	DUP
4603358061	SW6020B	Dry	58D_0-5	460-335806-7	Barium	51.5	35.2 J	DUP
4603358061	SW6020B	Dry	58D_0-5	460-335806-7	Copper	84.7	604 J	DUP
4603358061	SW6020B	Dry	58D_0-5	460-335806-7	Nickel	20	11.3 J	DUP
4603358061	SW8260D	Dry	58H1_2-3	460-335806-70	1,1-Dichloroethene	U	23 J	DUP
4603358061	SW8260D	Dry	58H2_3-4	460-335806-71	1,1-Dichloroethene	U	1400 J	DUP
4603358061	SW8260D	Dry	58H3_1-2	460-335806-72	1,1-Dichloroethene	U	13.7 J	DUP
4603358061	SW8260D	Dry	58H1_5-6	460-335806-73	1,1-Dichloroethene	U	789 J	DUP
4603358061	SW8260D	Dry	58H2_6-7	460-335806-74	1,1-Dichloroethene	U	14.8 J	DUP
4603358061	SW8260D	Dry	58H3_7-8	460-335806-75	1,1-Dichloroethene	U	27.6 J	DUP
4603358061	SW8260D	Dry	58H1_9-10	460-335806-76	1,1-Dichloroethene	U	2000 J	DUP
4603358061	E1633A	Dry	58D_5-10	460-335806-8	N-Ethylperfluorooctane sulfonamidoethanol (N-EtFOSE)	U	16.6 J	DUP
4603358061	E1633A	Dry	58D_5-10	460-335806-8	N-Methylperfluorooctane sulfonamidoethanol (N-MeFOSE)	U	2270 J	DUP
4603358061	SW6020B	Dry	58D_5-10	460-335806-8	Antimony	0.79 J	35.2 J	DUP
4603358061	SW6020B	Dry	58D_5-10	460-335806-8	Barium	57.9	92.9 J	DUP
4603358061	SW6020B	Dry	58D_5-10	460-335806-8	Copper	52.7	2450 J	DUP
4603358061	SW6020B	Dry	58D_5-10	460-335806-8	Nickel	15.8	34.4 J	DUP
4603358061	E1633A	Dry	58E_0-5	460-335806-9	N-Ethylperfluorooctane sulfonamidoethanol (N-EtFOSE)	U	1090 J	DUP
4603358061	SW6020B	Dry	58E_0-5	460-335806-9	Antimony	0.46 J	18 J	DUP
4603358061	SW6020B	Dry	58E_0-5	460-335806-9	Barium	55.4	56.8 J	DUP

SDG	Method	Basis	Sample ID	Lab ID	Analyte	Reported Result	Validated Result	Reason for Qualifier
4603358061	SW6020B	Dry	58E_0-5	460-335806-9	Copper	31.7	1680 J	DUP
4603358061	SW6020B	Dry	58E_0-5	460-335806-9	Nickel	13.5	62.9 J	DUP
4603359751	E1633A	Dry	59A_0-6	460-335975-1	N-Ethylperfluorooctane sulfonamidoethanol (N-EtFOSE)	U	691 J	DUP
4603359751	E1633A	Dry	59A_0-6	460-335975-1	N-Methylperfluorooctane sulfonamidoethanol (N-MeFOSE)	U	14.1 J	DUP
4603359751	E1633A	Dry	59A_0-6	460-335975-1	Perfluorotetradecanoic acid (PFTeDA)	U	35.6 J	DUP
4603359751	E1633A	Dry	59A_0-6	460-335975-1	Perfluorotridecanoic acid (PFTrDA)	U	1300 J	DUP
4603359751	SW6020B	Dry	59A_0-6	460-335975-1	Calcium	520	12.5 J	DUP
4603359751	SW6020B	Dry	59A_0-6	460-335975-1	Chromium	12.6	3520 J	DUP
4603359751	SW6020B	Dry	59A_0-6	460-335975-1	Magnesium	1490	14.2 J	DUP
4603359751	SW6020B	Dry	59A_0-6	460-335975-1	Manganese	198	34.1 J	DUP
4603359751	SW6020B	Dry	59A_0-6	460-335975-1	Zinc	28.6	3080 J	DUP
4603359751	SW8270E	Dry	59A_0-6	460-335975-1	2,4-Dimethylphenol	U	18.5 J	DUP
4603359751	SW8270E	Dry	59A_0-6	460-335975-1	Acenaphthene	U	1540 J	DUP
4603359751	SW8270E	Dry	59A_0-6	460-335975-1	Acenaphthylene	U	14.9 J	DUP
4603359751	SW8270E	Dry	59A_0-6	460-335975-1	Benzo(a)pyrene	U	26.8 J	DUP
4603359751	E1633A	Dry	59E_6-12	460-335975-10	8:2 Fluorotelomer sulfonic acid (8:2 FTS)	0.21 J	2330 J	DUP
4603359751	SW6020B	Dry	59E_6-12	460-335975-10	Calcium	1430	11.2 J	DUP
4603359751	SW6020B	Dry	59E_6-12	460-335975-10	Chromium	16.7	3310 J	DUP
4603359751	SW6020B	Dry	59E_6-12	460-335975-10	Magnesium	1570	17 J	DUP
4603359751	SW6020B	Dry	59E_6-12	460-335975-10	Manganese	165	34.2 J	DUP
4603359751	SW6020B	Dry	59E_6-12	460-335975-10	Zinc	81.4	3940 J	DUP
4603359751	E1633A	Dry	59F_0-6	460-335975-11	8:2 Fluorotelomer sulfonic acid (8:2 FTS)	U	13.6 J	DUP
4603359751	E1633A	Dry	59F_0-6	460-335975-11	Perfluorotetradecanoic acid (PFTeDA)	U	2460 J	DUP
4603359751	E1633A	Dry	59F_0-6	460-335975-11	Perfluorotridecanoic acid (PFTrDA)	3.82	19.7 J	DUP
4603359751	SW6020B	Dry	59F_0-6	460-335975-11	Calcium	2000	2450 J	DUP
4603359751	SW6020B	Dry	59F_0-6	460-335975-11	Chromium	11.8	13.4 J	DUP
4603359751	SW6020B	Dry	59F_0-6	460-335975-11	Magnesium	1910	851 J	DUP
4603359751	SW6020B	Dry	59F_0-6	460-335975-11	Manganese	166	5.9 J	DUP
4603359751	SW6020B	Dry	59F_0-6	460-335975-11	Zinc	65.6	1830 J	DUP
4603359751	E1633A	Dry	59F_6-12	460-335975-12	8:2 Fluorotelomer sulfonic acid (8:2 FTS)	0.19 J	7.1 J	DUP

SDG	Method	Basis	Sample ID	Lab ID	Analyte	Reported Result	Validated Result	Reason for Qualifier
4603359751	SW6020B	Dry	59F_6-12	460-335975-12	Calcium	5970	325 J	DUP
4603359751	SW6020B	Dry	59F_6-12	460-335975-12	Chromium	13.2	4 J	DUP
4603359751	SW6020B	Dry	59F_6-12	460-335975-12	Magnesium	4190	362 J	DUP
4603359751	SW6020B	Dry	59F_6-12	460-335975-12	Manganese	200	3.2 J	DUP
4603359751	SW6020B	Dry	59F_6-12	460-335975-12	Zinc	79.4	730 J	DUP
4603359751	E1633A	Dry	57A_0-4	460-335975-13	8:2 Fluorotelomer sulfonic acid (8:2 FTS)	0.71	2.8 J	DUP
4603359751	SW6020B	Dry	57A_0-4	460-335975-13	Calcium	3750	597 J	DUP
4603359751	SW6020B	Dry	57A_0-4	460-335975-13	Chromium	108	4.4 J	DUP
4603359751	SW6020B	Dry	57A_0-4	460-335975-13	Magnesium	2150	682 J	DUP
4603359751	SW6020B	Dry	57A_0-4	460-335975-13	Manganese	266	47.5 J	DUP
4603359751	SW6020B	Dry	57A_0-4	460-335975-13	Zinc	1420	219 J	DUP
4603359751	E1633A	Dry	57A_4-8	460-335975-14	4:2 Fluorotelomer sulfonic acid (4:2 FTS)	U	8.6 J	DUP
4603359751	E1633A	Dry	57A_4-8	460-335975-14	6:2 Fluorotelomer sulfonic acid (6:2 FTS)	U	544 J	DUP
4603359751	E1633A	Dry	57A_4-8	460-335975-14	8:2 Fluorotelomer sulfonic acid (8:2 FTS)	0.53	3 J	DUP
4603359751	E1633A	Dry	57A_4-8	460-335975-14	N-Ethylperfluorooctane sulfonamidoethanol (N-EtFOSE)	U	809 J	DUP
4603359751	E1633A	Dry	57A_4-8	460-335975-14	Perfluorotetradecanoic acid (PFTeDA)	U	7.4 J	DUP
4603359751	E1633A	Dry	57A_4-8	460-335975-14	Perfluorotridecanoic acid (PFTrDA)	0.6	302 J	DUP
4603359751	SW6020B	Dry	57A_4-8	460-335975-14	Calcium	1020	16.8 J	DUP
4603359751	SW6020B	Dry	57A_4-8	460-335975-14	Chromium	28.6	362 J	DUP
4603359751	SW6020B	Dry	57A_4-8	460-335975-14	Magnesium	1240	9.1 J	DUP
4603359751	SW6020B	Dry	57A_4-8	460-335975-14	Manganese	298	3750 J	DUP
4603359751	SW6020B	Dry	57A_4-8	460-335975-14	Zinc	281	108 J	DUP
4603359751	E1633A	Dry	57B_0-4	460-335975-15	4:2 Fluorotelomer sulfonic acid (4:2 FTS)	U	2150 J	DUP
4603359751	E1633A	Dry	57B_0-4	460-335975-15	8:2 Fluorotelomer sulfonic acid (8:2 FTS)	11.2	266 J	DUP
4603359751	SW6020B	Dry	57B_0-4	460-335975-15	Calcium	574	1420 J	DUP
4603359751	SW6020B	Dry	57B_0-4	460-335975-15	Chromium	16	1020 J	DUP
4603359751	SW6020B	Dry	57B_0-4	460-335975-15	Magnesium	859	28.6 J	DUP
4603359751	SW6020B	Dry	57B_0-4	460-335975-15	Manganese	76	1240 J	DUP
4603359751	SW6020B	Dry	57B_0-4	460-335975-15	Zinc	118	298 J	DUP
4603359751	E1633A	Dry	57B_4-8	460-335975-16	8:2 Fluorotelomer sulfonic acid (8:2 FTS)	8.38	281 J	DUP
4603359751	SW6020B	Dry	57B_4-8	460-335975-16	Calcium	5710	574 J	DUP

SDG	Method	Basis	Sample ID	Lab ID	Analyte	Reported Result	Validated Result	Reason for Qualifier
4603359751	SW6020B	Dry	57B_4-8	460-335975-16	Chromium	28.5	16 J	DUP
4603359751	SW6020B	Dry	57B_4-8	460-335975-16	Magnesium	3770	859 J	DUP
4603359751	SW6020B	Dry	57B_4-8	460-335975-16	Manganese	143	76 J	DUP
4603359751	SW6020B	Dry	57B_4-8	460-335975-16	Zinc	423	118 J	DUP
4603359751	E1633A	Dry	59A_6-12	460-335975-2	N-Ethylperfluorooctane sulfonamidoethanol (N-EtFOSE)	U	5710 J	DUP
4603359751	E1633A	Dry	59A_6-12	460-335975-2	N-Methylperfluorooctane sulfonamidoethanol (N-MeFOSE)	U	28.5 J	DUP
4603359751	E1633A	Dry	59A_6-12	460-335975-2	Perfluorotetradecanoic acid (PFTeDA)	U	3770 J	DUP
4603359751	E1633A	Dry	59A_6-12	460-335975-2	Perfluorotridecanoic acid (PFTrDA)	0.13 J	143 J	DUP
4603359751	SW6020B	Dry	59A_6-12	460-335975-2	Calcium	743	423 J	DUP
4603359751	SW6020B	Dry	59A_6-12	460-335975-2	Chromium	15.8	520 J	DUP
4603359751	SW6020B	Dry	59A_6-12	460-335975-2	Magnesium	2530	12.6 J	DUP
4603359751	SW6020B	Dry	59A_6-12	460-335975-2	Manganese	243	1490 J	DUP
4603359751	SW6020B	Dry	59A_6-12	460-335975-2	Zinc	38	198 J	DUP
4603359751	E1633A	Dry	59B_0-6	460-335975-3	N-Ethylperfluorooctane sulfonamidoethanol (N-EtFOSE)	U	28.6 J	DUP
4603359751	E1633A	Dry	59B_0-6	460-335975-3	N-Methylperfluorooctane sulfonamidoethanol (N-MeFOSE)	U	743 J	DUP
4603359751	E1633A	Dry	59B_0-6	460-335975-3	Perfluorotetradecanoic acid (PFTeDA)	U	15.8 J	DUP
4603359751	E1633A	Dry	59B_0-6	460-335975-3	Perfluorotridecanoic acid (PFTrDA)	1.11	2530 J	DUP
4603359751	SW6020B	Dry	59B_0-6	460-335975-3	Calcium	2430	243 J	DUP
4603359751	SW6020B	Dry	59B_0-6	460-335975-3	Chromium	15.1	38 J	DUP
4603359751	SW6020B	Dry	59B_0-6	460-335975-3	Magnesium	3160	2430 J	DUP
4603359751	SW6020B	Dry	59B_0-6	460-335975-3	Manganese	230	15.1 J	DUP
4603359751	SW6020B	Dry	59B_0-6	460-335975-3	Zinc	43.5	3160 J	DUP
4603359751	E1633A	Dry	59B_6-12	460-335975-4	N-Ethylperfluorooctane sulfonamidoethanol (N-EtFOSE)	U	230 J	DUP
4603359751	E1633A	Dry	59B_6-12	460-335975-4	N-Methylperfluorooctane sulfonamidoethanol (N-MeFOSE)	U	43.5 J	DUP
4603359751	E1633A	Dry	59B_6-12	460-335975-4	Perfluorotetradecanoic acid (PFTeDA)	U	1070 J	DUP
4603359751	E1633A	Dry	59B_6-12	460-335975-4	Perfluorotridecanoic acid (PFTrDA)	1.36	14.2 J	DUP

SDG	Method	Basis	Sample ID	Lab ID	Analyte	Reported Result	Validated Result	Reason for Qualifier
4603359751	SW6020B	Dry	59B_6-12	460-335975-4	Calcium	1070	2010 J	DUP
4603359751	SW6020B	Dry	59B_6-12	460-335975-4	Chromium	14.2	222 J	DUP
4603359751	SW6020B	Dry	59B_6-12	460-335975-4	Magnesium	2010	41.3 J	DUP
4603359751	SW6020B	Dry	59B_6-12	460-335975-4	Manganese	222	7500 J	DUP
4603359751	SW6020B	Dry	59B_6-12	460-335975-4	Zinc	41.3	20.7 J	DUP
4603359751	E1633A	Dry	59C_0-6	460-335975-5	8:2 Fluorotelomer sulfonic acid (8:2 FTS)	0.24 J	5580 J	DUP
4603359751	SW6020B	Dry	59C_0-6	460-335975-5	Calcium	7500	312 J	DUP
4603359751	SW6020B	Dry	59C_0-6	460-335975-5	Chromium	20.7	95.2 J	DUP
4603359751	SW6020B	Dry	59C_0-6	460-335975-5	Magnesium	5580	6340 J	DUP
4603359751	SW6020B	Dry	59C_0-6	460-335975-5	Manganese	312	18.5 J	DUP
4603359751	SW6020B	Dry	59C_0-6	460-335975-5	Zinc	95.2	4740 J	DUP
4603359751	SW6020B	Dry	59C_6-12	460-335975-6	Calcium	6340	300 J	DUP
4603359751	SW6020B	Dry	59C_6-12	460-335975-6	Chromium	18.5	84.4 J	DUP
4603359751	SW6020B	Dry	59C_6-12	460-335975-6	Magnesium	4740	2590 J	DUP
4603359751	SW6020B	Dry	59C_6-12	460-335975-6	Manganese	300	19.2 J	DUP
4603359751	SW6020B	Dry	59C_6-12	460-335975-6	Zinc	84.4	2720 J	DUP
4603359751	SW8260D	Dry	57A1_4-5	460-335975-62	Acetone	0.0075	217 J	DUP
4603359751	SW8260D	Dry	57A2_6-7	460-335975-63	1,1-Dichloroethene	U	106 J	DUP
4603359751	SW8260D	Dry	57A3_5-6	460-335975-64	1,1-Dichloroethene	U	2070 J	DUP
4603359751	SW8260D	Dry	57A3_7-8	460-335975-65	1,1-Dichloroethene	U	19.1 J	DUP
4603359751	E1633A	Dry	59D_0-6	460-335975-7	8:2 Fluorotelomer sulfonic acid (8:2 FTS)	U	2110 J	DUP
4603359751	SW6020B	Dry	59D_0-6	460-335975-7	Calcium	2590	181 J	DUP
4603359751	SW6020B	Dry	59D_0-6	460-335975-7	Chromium	19.2	140 J	DUP
4603359751	SW6020B	Dry	59D_0-6	460-335975-7	Magnesium	2720	1070 J	DUP
4603359751	SW6020B	Dry	59D_0-6	460-335975-7	Manganese	217	14.8 J	DUP
4603359751	SW6020B	Dry	59D_0-6	460-335975-7	Zinc	106	1380 J	DUP
4603359751	E1633A	Dry	59D_6-12	460-335975-8	8:2 Fluorotelomer sulfonic acid (8:2 FTS)	U	148 J	DUP
4603359751	SW6020B	Dry	59D_6-12	460-335975-8	Calcium	2070	105 J	DUP
4603359751	SW6020B	Dry	59D_6-12	460-335975-8	Chromium	19.1	1430 J	DUP
4603359751	SW6020B	Dry	59D_6-12	460-335975-8	Magnesium	2110	16.7 J	DUP
4603359751	SW6020B	Dry	59D_6-12	460-335975-8	Manganese	181	1570 J	DUP
4603359751	SW6020B	Dry	59D_6-12	460-335975-8	Zinc	140	165 J	DUP

SDG	Method	Basis	Sample ID	Lab ID	Analyte	Reported Result	Validated Result	Reason for Qualifier
4603359751	E1633A	Dry	59E_0-6	460-335975-9	8:2 Fluorotelomer sulfonic acid (8:2 FTS)	U	81.4 J	DUP
4603359751	SW6020B	Dry	59E_0-6	460-335975-9	Calcium	1070	2000 J	DUP
4603359751	SW6020B	Dry	59E_0-6	460-335975-9	Chromium	14.8	11.8 J	DUP
4603359751	SW6020B	Dry	59E_0-6	460-335975-9	Magnesium	1380	1910 J	DUP
4603359751	SW6020B	Dry	59E_0-6	460-335975-9	Manganese	148	166 J	DUP
4603359751	SW6020B	Dry	59E_0-6	460-335975-9	Zinc	105	65.6 J	DUP
4603360811	E1633A	Dry	55A_0-3	460-336081-1	4:2 Fluorotelomer sulfonic acid (4:2 FTS)	U	5970 J	DUP
4603360811	E1633A	Dry	55A_0-3	460-336081-1	6:2 Fluorotelomer sulfonic acid (6:2 FTS)	U	13.2 J	DUP
4603360811	SW6020B	Dry	55A_0-3	460-336081-1	Antimony	0.83 J	4190 J	DUP
4603360811	SW6020B	Dry	55A_0-3	460-336081-1	Barium	126	200 J	DUP
4603360811	SW6020B	Dry	55A_0-3	460-336081-1	Calcium	2460	79.4 J	DUP
4603360811	SW6020B	Dry	55A_0-3	460-336081-1	Cobalt	19.7	6.4 J	DUP
4603360811	SW6020B	Dry	55A_0-3	460-336081-1	Magnesium	1820	1600 J	DUP
4603360811	SW6020B	Dry	55A_0-3	460-336081-1	Nickel	123	10 J	DUP
4603360811	SW6020B	Dry	55A_0-3	460-336081-1	Zinc	429	85.2 J	DUP
4603360811	SW6020B	Dry	56B_3-6	460-336081-10	Antimony	0.28 J	43.6 J	DUP
4603360811	SW6020B	Dry	56B_3-6	460-336081-10	Barium	19.9	412 J	DUP
4603360811	SW6020B	Dry	56B_3-6	460-336081-10	Calcium	219	6.9 J	DUP
4603360811	SW6020B	Dry	56B_3-6	460-336081-10	Cobalt	8.6	2150 J	DUP
4603360811	SW6020B	Dry	56B_3-6	460-336081-10	Magnesium	1040	14.2 J	DUP
4603360811	SW6020B	Dry	56B_3-6	460-336081-10	Nickel	25.1	139 J	DUP
4603360811	SW6020B	Dry	56B_3-6	460-336081-10	Zinc	30.5	63.6 J	DUP
4603360811	SW6020B	Dry	56C_0-3	460-336081-11	Antimony	0.34 J	576 J	DUP
4603360811	SW6020B	Dry	56C_0-3	460-336081-11	Barium	32.8	5.9 J	DUP
4603360811	SW6020B	Dry	56C_0-3	460-336081-11	Calcium	544	1410 J	DUP
4603360811	SW6020B	Dry	56C_0-3	460-336081-11	Cobalt	3	11.5 J	DUP
4603360811	SW6020B	Dry	56C_0-3	460-336081-11	Magnesium	487	94.8 J	DUP
4603360811	SW6020B	Dry	56C_0-3	460-336081-11	Nickel	8.4	51 J	DUP
4603360811	SW6020B	Dry	56C_0-3	460-336081-11	Zinc	37.3	278 J	DUP
4603360811	SW6020B	Dry	56C_3-6	460-336081-12	Antimony	0.91 J	6.7 J	DUP
4603360811	SW6020B	Dry	56C_3-6	460-336081-12	Barium	34.5	1890 J	DUP
4603360811	SW6020B	Dry	56C_3-6	460-336081-12	Calcium	809	14 J	DUP

SDG	Method	Basis	Sample ID	Lab ID	Analyte	Reported Result	Validated Result	Reason for Qualifier
4603360811	SW6020B	Dry	56C_3-6	460-336081-12	Cobalt	7.4	134 J	DUP
4603360811	SW6020B	Dry	56C_3-6	460-336081-12	Magnesium	848	56.9 J	DUP
4603360811	SW6020B	Dry	56C_3-6	460-336081-12	Nickel	21.2	548 J	DUP
4603360811	SW6020B	Dry	56C_3-6	460-336081-12	Zinc	136	5.7 J	DUP
4603360811	E1633A	Dry	56D_0-3	460-336081-13	Perfluorotetradecanoic acid (PFTeDA)	U	1610 J	DUP
4603360811	E1633A	Dry	56D_0-3	460-336081-13	Perfluorotridecanoic acid (PFTrDA)	U	12.3 J	DUP
4603360811	SW6020B	Dry	56D_0-3	460-336081-13	Antimony	0.17 J	82.9 J	DUP
4603360811	SW6020B	Dry	56D_0-3	460-336081-13	Barium	41.2	50 J	DUP
4603360811	SW6020B	Dry	56D_0-3	460-336081-13	Calcium	302	204 J	DUP
4603360811	SW6020B	Dry	56D_0-3	460-336081-13	Cobalt	16.8	6.3 J	DUP
4603360811	SW6020B	Dry	56D_0-3	460-336081-13	Magnesium	1530	1220 J	DUP
4603360811	SW6020B	Dry	56D_0-3	460-336081-13	Nickel	107	6.5 J	DUP
4603360811	SW6020B	Dry	56D_0-3	460-336081-13	Zinc	40.5	45.3 J	DUP
4603360811	SW6020B	Dry	56D_3-6	460-336081-14	Antimony	0.4 J	19.6 J	DUP
4603360811	SW6020B	Dry	56D_3-6	460-336081-14	Barium	27.2	139 J	DUP
4603360811	SW6020B	Dry	56D_3-6	460-336081-14	Calcium	362	7.5 J	DUP
4603360811	SW6020B	Dry	56D_3-6	460-336081-14	Cobalt	9.1	2390 J	DUP
4603360811	SW6020B	Dry	56D_3-6	460-336081-14	Magnesium	841	9.4 J	DUP
4603360811	SW6020B	Dry	56D_3-6	460-336081-14	Nickel	41.1	65 J	DUP
4603360811	SW6020B	Dry	56D_3-6	460-336081-14	Zinc	56.3	29.2 J	DUP
4603360811	E1633A	Dry	55A_3-6	460-336081-2	4:2 Fluorotelomer sulfonic acid (4:2 FTS)	U	264 J	DUP
4603360811	E1633A	Dry	55A_3-6	460-336081-2	6:2 Fluorotelomer sulfonic acid (6:2 FTS)	U	7.4 J	DUP
4603360811	E1633A	Dry	55A_3-6	460-336081-2	Perfluorotetradecanoic acid (PFTeDA)	U	3160 J	DUP
4603360811	E1633A	Dry	55A_3-6	460-336081-2	Perfluorotridecanoic acid (PFTrDA)	0.72	22 J	DUP
4603360811	SW6020B	Dry	55A_3-6	460-336081-2	Antimony	0.72 J	223 J	DUP
4603360811	SW6020B	Dry	55A_3-6	460-336081-2	Barium	105	104 J	DUP
4603360811	SW6020B	Dry	55A_3-6	460-336081-2	Calcium	2450	1010 J	DUP
4603360811	SW6020B	Dry	55A_3-6	460-336081-2	Cobalt	13.4	7.2 J	DUP
4603360811	SW6020B	Dry	55A_3-6	460-336081-2	Magnesium	1890	2200 J	DUP
4603360811	SW6020B	Dry	55A_3-6	460-336081-2	Nickel	68.3	13.8 J	DUP
4603360811	SW6020B	Dry	55A_3-6	460-336081-2	Zinc	239	129 J	DUP
4603360811	E1633A	Dry	55B_0-3	460-336081-3	4:2 Fluorotelomer sulfonic acid (4:2 FTS)	U	57.2 J	DUP

SDG	Method	Basis	Sample ID	Lab ID	Analyte	Reported Result	Validated Result	Reason for Qualifier
4603360811	SW6020B	Dry	55B_0-3	460-336081-3	Antimony	0.74 J	621 J	DUP
4603360811	SW6020B	Dry	55B_0-3	460-336081-3	Barium	45.8	8 J	DUP
4603360811	SW6020B	Dry	55B_0-3	460-336081-3	Calcium	851	1820 J	DUP
4603360811	SW6020B	Dry	55B_0-3	460-336081-3	Cobalt	5.9	8.5 J	DUP
4603360811	SW6020B	Dry	55B_0-3	460-336081-3	Magnesium	804	74.6 J	DUP
4603360811	SW6020B	Dry	55B_0-3	460-336081-3	Nickel	21.6	28.3 J	DUP
4603360811	SW6020B	Dry	55B_0-3	460-336081-3	Zinc	140	281 J	DUP
4603360811	E1633A	Dry	55B_3-6	460-336081-4	4:2 Fluorotelomer sulfonic acid (4:2 FTS)	U	20.8 J	DUP
4603360811	E1633A	Dry	55B_3-6	460-336081-4	6:2 Fluorotelomer sulfonic acid (6:2 FTS)	U	18.7 J	DUP
4603360811	E1633A	Dry	55B_3-6	460-336081-4	Perfluorotetradecanoic acid (PFTeDA)	U	29.7 J	DUP
4603360811	E1633A	Dry	55B_3-6	460-336081-4	Perfluorotridecanoic acid (PFTrDA)	0.15 J	30.9 J	DUP
4603360811	SW6020B	Dry	55B_3-6	460-336081-4	Antimony	0.62 J	24.7 J	DUP
4603360811	SW6020B	Dry	55B_3-6	460-336081-4	Barium	101	24.6 J	DUP
4603360811	SW6020B	Dry	55B_3-6	460-336081-4	Calcium	1830	21 J	DUP
4603360811	SW6020B	Dry	55B_3-6	460-336081-4	Cobalt	7.1	22.7 J	DUP
4603360811	SW6020B	Dry	55B_3-6	460-336081-4	Magnesium	832	20 J	DUP
4603360811	SW6020B	Dry	55B_3-6	460-336081-4	Nickel	19	29.8 J	DUP
4603360811	SW6020B	Dry	55B_3-6	460-336081-4	Zinc	216	32 J	DUP
4603360811	E1633A	Dry	55C_0-3	460-336081-5	Perfluorotetradecanoic acid (PFTeDA)	U	47.8 J	DUP
4603360811	E1633A	Dry	55C_0-3	460-336081-5	Perfluorotridecanoic acid (PFTrDA)	U	54.1 J	DUP
4603360811	SW6020B	Dry	55C_0-3	460-336081-5	Antimony	0.95 J	41.5 J	DUP
4603360811	SW6020B	Dry	55C_0-3	460-336081-5	Barium	30.5	26.7 J	DUP
4603360811	SW6020B	Dry	55C_0-3	460-336081-5	Calcium	325	24.9 J	DUP
4603360811	SW6020B	Dry	55C_0-3	460-336081-5	Cobalt	4	24.8 J	DUP
4603360811	SW6020B	Dry	55C_0-3	460-336081-5	Magnesium	1230	25.9 J	DUP
4603360811	SW6020B	Dry	55C_0-3	460-336081-5	Nickel	9.3	UJ	IDL
4603360811	SW6020B	Dry	55C_0-3	460-336081-5	Zinc	46.6	UJ	IDL
4603360811	E1633A	Dry	55C_3-6	460-336081-6	4:2 Fluorotelomer sulfonic acid (4:2 FTS)	U	UJ	IDL
4603360811	SW6020B	Dry	55C_3-6	460-336081-6	Antimony	0.42 J	UJ	IDL
4603360811	SW6020B	Dry	55C_3-6	460-336081-6	Barium	33.6	UJ	IDL
4603360811	SW6020B	Dry	55C_3-6	460-336081-6	Calcium	362	UJ	IDL
4603360811	SW6020B	Dry	55C_3-6	460-336081-6	Cobalt	3.2	0.35 J	IDL

SDG	Method	Basis	Sample ID	Lab ID	Analyte	Reported Result	Validated Result	Reason for Qualifier
4603360811	SW6020B	Dry	55C_3-6	460-336081-6	Magnesium	830	UJ	IDL
4603360811	SW6020B	Dry	55C_3-6	460-336081-6	Nickel	6.2	UJ	IDL
4603360811	SW6020B	Dry	55C_3-6	460-336081-6	Zinc	33	UJ	IDL
4603360811	SW6020B	Dry	56A_0-3	460-336081-7	Antimony	0.35 J	UJ	IDL
4603360811	SW6020B	Dry	56A_0-3	460-336081-7	Barium	22.3	UJ	IDL
4603360811	SW6020B	Dry	56A_0-3	460-336081-7	Calcium	730	UJ	IDL
4603360811	SW6020B	Dry	56A_0-3	460-336081-7	Cobalt	2.8	UJ	IDL
4603360811	SW6020B	Dry	56A_0-3	460-336081-7	Magnesium	782	UJ	IDL
4603360811	SW6020B	Dry	56A_0-3	460-336081-7	Nickel	3.7	UJ	IDL
4603360811	SW6020B	Dry	56A_0-3	460-336081-7	Zinc	17.6	UJ	IDL
4603360811	SW6020B	Dry	56A_3-6	460-336081-8	Antimony	0.65 J	UJ	IDL
4603360811	SW6020B	Dry	56A_3-6	460-336081-8	Barium	28.3	UJ	IDL
4603360811	SW6020B	Dry	56A_3-6	460-336081-8	Calcium	597	UJ	IDL
4603360811	SW6020B	Dry	56A_3-6	460-336081-8	Cobalt	4.4	0.69 J	IDL
4603360811	SW6020B	Dry	56A_3-6	460-336081-8	Magnesium	749	UJ	IDL
4603360811	SW6020B	Dry	56A_3-6	460-336081-8	Nickel	12	0.37 J	IDL
4603360811	SW6020B	Dry	56A_3-6	460-336081-8	Zinc	53.5	UJ	IDL
4603360811	SW6020B	Dry	56B_0-3	460-336081-9	Antimony	0.15 J	UJ	IDL
4603360811	SW6020B	Dry	56B_0-3	460-336081-9	Barium	47.1	UJ	IDL
4603360811	SW6020B	Dry	56B_0-3	460-336081-9	Calcium	682	UJ	IDL
4603360811	SW6020B	Dry	56B_0-3	460-336081-9	Cobalt	47.5	UJ	IDL
4603360811	SW6020B	Dry	56B_0-3	460-336081-9	Magnesium	3130	UJ	IDL
4603360811	SW6020B	Dry	56B_0-3	460-336081-9	Nickel	348	UJ	IDL
4603360811	SW6020B	Dry	56B_0-3	460-336081-9	Zinc	48.7	UJ	IDL
4603362121	E1633A	Dry	60A_0-4	460-336212-1	N-Ethylperfluorooctane sulfonamidoethanol (N-EtFOSE)	U	UJ	IDL
4603362121	SW6020B	Dry	60A_0-4	460-336212-1	Antimony	0.83 J	UJ	IDL
4603362121	SW6020B	Dry	60A_0-4	460-336212-1	Magnesium	1280	UJ	IDL
4603362121	SW6020B	Dry	60A_0-4	460-336212-1	Nickel	19.2	UJ	IDL
4603362121	SW6020B	Dry	60A_0-4	460-336212-1	Potassium	778	UJ	IDL
4603362121	SW6020B	Dry	60A_0-4	460-336212-1	Vanadium	20.8	UJ	IDL
4603362121	SW8270E	Dry	60A_0-4	460-336212-1	2,4-Dimethylphenol	U	UJ	IDL

SDG	Method	Basis	Sample ID	Lab ID	Analyte	Reported Result	Validated Result	Reason for Qualifier
4603362121	SW8270E	Dry	60A_0-4	460-336212-1	2,4-Dinitrophenol	U	UJ	IDL
4603362121	SW8270E	Dry	60A_0-4	460-336212-1	4,6-Dinitro-2-methylphenol	U	UJ	IDL
4603362121	SW8270E	Dry	60A_0-4	460-336212-1	Acenaphthene	0.022 J	UJ	IDL
4603362121	SW8270E	Dry	60A_0-4	460-336212-1	Acenaphthylene	0.27 J	UJ	IDL
4603362121	SW8270E	Dry	60A_0-4	460-336212-1	Benzo(a)pyrene	0.46	UJ	IDL
4603362121	SW8270E	Dry	60A_0-4	460-336212-1	Benzo(g,h,i)perylene	0.39	UJ	IDL
4603362121	SW8270E	Dry	60A_0-4	460-336212-1	Dibenz(a,h)anthracene	0.069	UJ	IDL
4603362121	SW8270E	Dry	60A_0-4	460-336212-1	Hexachlorocyclopentadiene	U	UJ	IDL
4603362121	SW8270E	Dry	60A_0-4	460-336212-1	Indeno(1,2,3-cd)pyrene	0.39	UJ	IDL
4603362121	E1633A	Dry	8B_5-10	460-336212-10	N-Ethylperfluorooctane sulfonamidoethanol (N-EtFOSE)	U	UJ	IDL
4603362121	E1633A	Dry	8B_5-10	460-336212-10	N-Methylperfluorooctane sulfonamidoethanol (N-MeFOSE)	U	UJ	IDL
4603362121	SW6020B	Dry	8B_5-10	460-336212-10	Antimony	0.23 J	UJ	IDL
4603362121	SW6020B	Dry	8B_5-10	460-336212-10	Magnesium	3760	UJ	IDL
4603362121	SW6020B	Dry	8B_5-10	460-336212-10	Nickel	17.8	UJ	IDL
4603362121	SW6020B	Dry	8B_5-10	460-336212-10	Potassium	1490	UJ	IDL
4603362121	SW6020B	Dry	8B_5-10	460-336212-10	Vanadium	25.9	UJ	IDL
4603362121	E1633A	Dry	6A_0-6	460-336212-11	N-Ethylperfluorooctane sulfonamidoethanol (N-EtFOSE)	U	UJ	IDL
4603362121	E1633A	Dry	6A_0-6	460-336212-11	N-Methylperfluorooctane sulfonamidoethanol (N-MeFOSE)	U	0.98 J	IDL
4603362121	SW6020B	Dry	6A_0-6	460-336212-11	Antimony	0.69 J	UJ	IDL
4603362121	SW6020B	Dry	6A_0-6	460-336212-11	Magnesium	3230	1.58 J	IDL
4603362121	SW6020B	Dry	6A_0-6	460-336212-11	Nickel	26.6	UJ	IDL
4603362121	SW6020B	Dry	6A_0-6	460-336212-11	Potassium	1210	UJ	IDL
4603362121	SW6020B	Dry	6A_0-6	460-336212-11	Vanadium	29.7	0.19 J	IDL
4603362121	E1633A	Dry	6A_6-12	460-336212-12	N-Ethylperfluorooctane sulfonamidoethanol (N-EtFOSE)	U	2.18 J	IDL
4603362121	E1633A	Dry	6A_6-12	460-336212-12	N-Methylperfluorooctane sulfonamidoethanol (N-MeFOSE)	U	UJ	IDL
4603362121	SW6020B	Dry	6A_6-12	460-336212-12	Antimony	0.72 J	UJ	IDL

SDG	Method	Basis	Sample ID	Lab ID	Analyte	Reported Result	Validated Result	Reason for Qualifier
4603362121	SW6020B	Dry	6A_6-12	460-336212-12	Magnesium	3540	0.55 J	IDL
4603362121	SW6020B	Dry	6A_6-12	460-336212-12	Nickel	33.1	0.37 J	IDL
4603362121	SW6020B	Dry	6A_6-12	460-336212-12	Potassium	1280	2.48 J	IDL
4603362121	SW6020B	Dry	6A_6-12	460-336212-12	Vanadium	30.9	UJ	IDL
4603362121	E1633A	Dry	6B_0-6	460-336212-13	N-Ethylperfluorooctane sulfonamidoethanol (N-EtFOSE)	U	UJ	IDL
4603362121	E1633A	Dry	6B_0-6	460-336212-13	N-Methylperfluorooctane sulfonamidoethanol (N-MeFOSE)	U	0.17 J	IDL
4603362121	SW6020B	Dry	6B_0-6	460-336212-13	Antimony	0.44 J	1.48 J	IDL
4603362121	SW6020B	Dry	6B_0-6	460-336212-13	Magnesium	2920	UJ	IDL
4603362121	SW6020B	Dry	6B_0-6	460-336212-13	Nickel	43.3	UJ	IDL
4603362121	SW6020B	Dry	6B_0-6	460-336212-13	Potassium	1340	UJ	IDL
4603362121	SW6020B	Dry	6B_0-6	460-336212-13	Vanadium	24.7	UJ	IDL
4603362121	E1633A	Dry	6B_6-12	460-336212-14	N-Ethylperfluorooctane sulfonamidoethanol (N-EtFOSE)	U	UJ	IDL
4603362121	E1633A	Dry	6B_6-12	460-336212-14	N-Methylperfluorooctane sulfonamidoethanol (N-MeFOSE)	U	UJ	IDL
4603362121	SW6020B	Dry	6B_6-12	460-336212-14	Antimony	0.29 J	UJ	IDL
4603362121	SW6020B	Dry	6B_6-12	460-336212-14	Magnesium	3390	0.11 J	IDL
4603362121	SW6020B	Dry	6B_6-12	460-336212-14	Nickel	19.8	1.08 J	IDL
4603362121	SW6020B	Dry	6B_6-12	460-336212-14	Potassium	1450	UJ	IDL
4603362121	SW6020B	Dry	6B_6-12	460-336212-14	Vanadium	24.6	UJ	IDL
4603362121	E1633A	Dry	6C_0-6	460-336212-15	N-Ethylperfluorooctane sulfonamidoethanol (N-EtFOSE)	U	UJ	IDL
4603362121	E1633A	Dry	6C_0-6	460-336212-15	N-Methylperfluorooctane sulfonamidoethanol (N-MeFOSE)	U	UJ	IDL
4603362121	SW6020B	Dry	6C_0-6	460-336212-15	Antimony	0.49 J	UJ	IDL
4603362121	SW6020B	Dry	6C_0-6	460-336212-15	Magnesium	2300	UJ	IDL
4603362121	SW6020B	Dry	6C_0-6	460-336212-15	Nickel	18.3	0.18 J	IDL
4603362121	SW6020B	Dry	6C_0-6	460-336212-15	Potassium	1100	2.15 J	IDL
4603362121	SW6020B	Dry	6C_0-6	460-336212-15	Vanadium	21	UJ	IDL

SDG	Method	Basis	Sample ID	Lab ID	Analyte	Reported Result	Validated Result	Reason for Qualifier
4603362121	E1633A	Dry	6C_6-12	460-336212-16	N-Ethylperfluorooctane sulfonamidoethanol (N-EtFOSE)	U	UJ	IDL
4603362121	E1633A	Dry	6C_6-12	460-336212-16	N-Methylperfluorooctane sulfonamidoethanol (N-MeFOSE)	U	UJ	IDL
4603362121	SW6020B	Dry	6C_6-12	460-336212-16	Antimony	1.7	1.04 J	IDL
4603362121	SW6020B	Dry	6C_6-12	460-336212-16	Magnesium	2880	10.5 J	IDL
4603362121	SW6020B	Dry	6C_6-12	460-336212-16	Nickel	49.8	UJ	IDL
4603362121	SW6020B	Dry	6C_6-12	460-336212-16	Potassium	1310	UJ	IDL
4603362121	SW6020B	Dry	6C_6-12	460-336212-16	Vanadium	22.7	0.17 J	IDL
4603362121	SW8260D	Dry	60A1_1-2	460-336212-17	tert-Butylbenzene	U	1.88 J	IDL
4603362121	SW8260D	Dry	60A2_2-3	460-336212-18	tert-Butylbenzene	U	UJ	IDL
4603362121	SW8260D	Dry	60A3_7-8	460-336212-19	tert-Butylbenzene	U	UJ	IDL
4603362121	E1633A	Dry	60A_4-8	460-336212-2	4:2 Fluorotelomer sulfonic acid (4:2 FTS)	U	UJ	IDL
4603362121	E1633A	Dry	60A_4-8	460-336212-2	6:2 Fluorotelomer sulfonic acid (6:2 FTS)	U	UJ	IDL
4603362121	E1633A	Dry	60A_4-8	460-336212-2	8:2 Fluorotelomer sulfonic acid (8:2 FTS)	U	UJ	IDL
4603362121	E1633A	Dry	60A_4-8	460-336212-2	N-Ethylperfluorooctane sulfonamidoethanol (N-EtFOSE)	U	UJ	IDL
4603362121	E1633A	Dry	60A_4-8	460-336212-2	N-Methylperfluorooctane sulfonamidoethanol (N-MeFOSE)	U	UJ	IDL
4603362121	SW6020B	Dry	60A_4-8	460-336212-2	Antimony	0.29 J	UJ	IDL
4603362121	SW6020B	Dry	60A_4-8	460-336212-2	Magnesium	907	UJ	IDL
4603362121	SW6020B	Dry	60A_4-8	460-336212-2	Nickel	9.9	UJ	IDL
4603362121	SW6020B	Dry	60A_4-8	460-336212-2	Potassium	681	UJ	IDL
4603362121	SW6020B	Dry	60A_4-8	460-336212-2	Vanadium	18.7	UJ	IDL
4603362121	SW8260D	Dry	60A1_3-4	460-336212-20	tert-Butylbenzene	U	UJ	IDL
4603362121	SW8260D	Dry	60A2_4-5	460-336212-21	tert-Butylbenzene	U	UJ	IDL
4603362121	SW8260D	Dry	60A3_5-6	460-336212-22	tert-Butylbenzene	U	UJ	IDL
4603362121	SW8260D	Dry	60A1_6-7	460-336212-23	tert-Butylbenzene	U	UJ	IDL
4603362121	SW8260D	Dry	43A1_1-2	460-336212-24	tert-Butylbenzene	U	UJ	IDL
4603362121	SW8260D	Dry	43A2_2-3	460-336212-25	tert-Butylbenzene	U	UJ	IDL
4603362121	SW8260D	Dry	43A3_3-4	460-336212-26	tert-Butylbenzene	U	0.47 J	IDL
4603362121	SW8260D	Dry	43A1_4-5	460-336212-27	tert-Butylbenzene	U	1.52 J	IDL

SDG	Method	Basis	Sample ID	Lab ID	Analyte	Reported Result	Validated Result	Reason for Qualifier
4603362121	SW8260D	Dry	43A2_5-6	460-336212-28	tert-Butylbenzene	U	UJ	IDL
4603362121	SW8260D	Dry	43A3_6-7	460-336212-29	tert-Butylbenzene	U	UJ	IDL
4603362121	E1633A	Dry	43A_0-4	460-336212-3	N-Ethylperfluorooctane sulfonamidoethanol (N-EtFOSE)	U	0.3 J	IDL
4603362121	E1633A	Dry	43A_0-4	460-336212-3	N-Methylperfluorooctane sulfonamidoethanol (N-MeFOSE)	U	0.99 J	IDL
4603362121	SW6020B	Dry	43A_0-4	460-336212-3	Antimony	0.96 J	UJ	IDL
4603362121	SW6020B	Dry	43A_0-4	460-336212-3	Magnesium	1220	UJ	IDL
4603362121	SW6020B	Dry	43A_0-4	460-336212-3	Nickel	19.7	0.45 J	IDL
4603362121	SW6020B	Dry	43A_0-4	460-336212-3	Potassium	653	UJ	IDL
4603362121	SW6020B	Dry	43A_0-4	460-336212-3	Vanadium	17.9	UJ	IDL
4603362121	SW8260D	Dry	43A2_7-8	460-336212-30	tert-Butylbenzene	U	0.43 J	IDL
4603362121	SW8260D	Dry	43B1_1-2	460-336212-31	tert-Butylbenzene	U	UJ	IDL
4603362121	SW8260D	Dry	43B2_2-3	460-336212-32	tert-Butylbenzene	U	1.23 J	IDL
4603362121	SW8260D	Dry	43B3_3-4	460-336212-33	tert-Butylbenzene	U	UJ	IDL
4603362121	SW8260D	Dry	43B1_4-5	460-336212-34	tert-Butylbenzene	U	UJ	IDL
4603362121	SW8260D	Dry	43B2_5-6	460-336212-35	tert-Butylbenzene	U	0.55 J	IDL
4603362121	SW8260D	Dry	43B3_6-7	460-336212-36	tert-Butylbenzene	U	0.23 J	IDL
4603362121	E1633A	Dry	43A_4-8	460-336212-4	N-Ethylperfluorooctane sulfonamidoethanol (N-EtFOSE)	U	3.07 J	IDL
4603362121	E1633A	Dry	43A_4-8	460-336212-4	N-Methylperfluorooctane sulfonamidoethanol (N-MeFOSE)	U	UJ	IDL
4603362121	SW6020B	Dry	43A_4-8	460-336212-4	Antimony	0.77 J	UJ	IDL
4603362121	SW6020B	Dry	43A_4-8	460-336212-4	Magnesium	1670	0.31 J	IDL
4603362121	SW6020B	Dry	43A_4-8	460-336212-4	Nickel	34.3	2.78 J	IDL
4603362121	SW6020B	Dry	43A_4-8	460-336212-4	Potassium	678	UJ	IDL
4603362121	SW6020B	Dry	43A_4-8	460-336212-4	Vanadium	21.5	UJ	IDL
4603362121	E1633A	Dry	43B_0-4	460-336212-5	N-Ethylperfluorooctane sulfonamidoethanol (N-EtFOSE)	U	0.81 J	IDL
4603362121	E1633A	Dry	43B_0-4	460-336212-5	N-Methylperfluorooctane sulfonamidoethanol (N-MeFOSE)	U	0.34 J	IDL
4603362121	SW6020B	Dry	43B_0-4	460-336212-5	Antimony	1.1	3.27 J	IDL

SDG	Method	Basis	Sample ID	Lab ID	Analyte	Reported Result	Validated Result	Reason for Qualifier
4603362121	SW6020B	Dry	43B_0-4	460-336212-5	Magnesium	1760	UJ	IDL
4603362121	SW6020B	Dry	43B_0-4	460-336212-5	Nickel	174	UJ	IDL
4603362121	SW6020B	Dry	43B_0-4	460-336212-5	Potassium	804	UJ	IDL
4603362121	SW6020B	Dry	43B_0-4	460-336212-5	Vanadium	23.8	UJ	IDL
4603362121	SW8260D	Dry	8A1_9-10	460-336212-51	tert-Butylbenzene	U	UJ	IDL
4603362121	E1633A	Dry	43B_4-8	460-336212-6	N-Ethylperfluorooctane sulfonamidoethanol (N-EtFOSE)	U	UJ	IDL
4603362121	E1633A	Dry	43B_4-8	460-336212-6	N-Methylperfluorooctane sulfonamidoethanol (N-MeFOSE)	U	UJ	IDL
4603362121	SW6020B	Dry	43B_4-8	460-336212-6	Antimony	1.1	UJ	IDL
4603362121	SW6020B	Dry	43B_4-8	460-336212-6	Magnesium	1680	UJ	IDL
4603362121	SW6020B	Dry	43B_4-8	460-336212-6	Nickel	40.4	UJ	IDL
4603362121	SW6020B	Dry	43B_4-8	460-336212-6	Potassium	824	UJ	IDL
4603362121	SW6020B	Dry	43B_4-8	460-336212-6	Vanadium	22.9	1.53 J	IDL
4603362121	E1633A	Dry	8A_0-5	460-336212-7	N-Ethylperfluorooctane sulfonamidoethanol (N-EtFOSE)	U	UJ	IDL
4603362121	SW6020B	Dry	8A_0-5	460-336212-7	Antimony	0.79 J	UJ	IDL
4603362121	SW6020B	Dry	8A_0-5	460-336212-7	Magnesium	3820	UJ	IDL
4603362121	SW6020B	Dry	8A_0-5	460-336212-7	Nickel	17.2	UJ	IDL
4603362121	SW6020B	Dry	8A_0-5	460-336212-7	Potassium	1250	UJ	IDL
4603362121	SW6020B	Dry	8A_0-5	460-336212-7	Vanadium	26.7	UJ	IDL
4603362121	E1633A	Dry	8A_5-10	460-336212-8	N-Ethylperfluorooctane sulfonamidoethanol (N-EtFOSE)	U	UJ	IDL
4603362121	E1633A	Dry	8A_5-10	460-336212-8	N-Methylperfluorooctane sulfonamidoethanol (N-MeFOSE)	U	UJ	IDL
4603362121	SW6020B	Dry	8A_5-10	460-336212-8	Antimony	0.89 J	UJ	IDL
4603362121	SW6020B	Dry	8A_5-10	460-336212-8	Magnesium	3120	UJ	IDL
4603362121	SW6020B	Dry	8A_5-10	460-336212-8	Nickel	31.7	0.11 J	IDL
4603362121	SW6020B	Dry	8A_5-10	460-336212-8	Potassium	1220	1.95 J	IDL
4603362121	SW6020B	Dry	8A_5-10	460-336212-8	Vanadium	24.9	UJ	IDL
4603362121	E1633A	Dry	8B_0-5	460-336212-9	N-Ethylperfluorooctane sulfonamidoethanol (N-EtFOSE)	U	0.44 J	IDL

SDG	Method	Basis	Sample ID	Lab ID	Analyte	Reported Result	Validated Result	Reason for Qualifier
4603362121	E1633A	Dry	8B_0-5	460-336212-9	N-Methylperfluorooctane sulfonamidoethanol (N-MeFOSE)	U	1.19 J	IDL
4603362121	SW6020B	Dry	8B_0-5	460-336212-9	Antimony	0.55 J	UJ	IDL
4603362121	SW6020B	Dry	8B_0-5	460-336212-9	Magnesium	4440	UJ	IDL
4603362121	SW6020B	Dry	8B_0-5	460-336212-9	Nickel	45	UJ	IDL
4603362121	SW6020B	Dry	8B_0-5	460-336212-9	Potassium	1290	UJ	IDL
4603362121	SW6020B	Dry	8B_0-5	460-336212-9	Vanadium	24.8	UJ	IDL
4603363091	E1633A	Dry	6D_0-6	460-336309-1	N-Ethylperfluorooctane sulfonamidoethanol (N-EtFOSE)	U	UJ	IDL
4603363091	SW6020B	Dry	6D_0-6	460-336309-1	Antimony	0.41 J	UJ	IDL
4603363091	SW6020B	Dry	6D_0-6	460-336309-1	Calcium	1160	UJ	IDL
4603363091	SW6020B	Dry	6D_0-6	460-336309-1	Chromium	19.2	UJ	IDL
4603363091	SW6020B	Dry	6D_0-6	460-336309-1	Cobalt	8.3	0.24 J	IDL
4603363091	SW6020B	Dry	6D_0-6	460-336309-1	Nickel	20	0.67 J	IDL
4603363091	E1633A	Dry	4B_7-14	460-336309-10	N-Ethylperfluorooctane sulfonamidoethanol (N-EtFOSE)	U	UJ	IDL
4603363091	E1633A	Dry	4B_7-14	460-336309-10	N-Methylperfluorooctane sulfonamidoethanol (N-MeFOSE)	U	UJ	IDL
4603363091	E1633A	Dry	4B_7-14	460-336309-10	Perfluorotetradecanoic acid (PFTeDA)	U	UJ	IDL
4603363091	E1633A	Dry	4B_7-14	460-336309-10	Perfluorotridecanoic acid (PFTrDA)	1.53	UJ	IDL
4603363091	SW6020B	Dry	4B_7-14	460-336309-10	Antimony	0.3 J	UJ	IDL
4603363091	SW6020B	Dry	4B_7-14	460-336309-10	Calcium	696	UJ	IDL
4603363091	SW6020B	Dry	4B_7-14	460-336309-10	Chromium	13.9	UJ	IDL
4603363091	SW6020B	Dry	4B_7-14	460-336309-10	Cobalt	6.1	UJ	IDL
4603363091	SW6020B	Dry	4B_7-14	460-336309-10	Nickel	14.9	UJ	IDL
4603363091	E1633A	Dry	4C_0-7	460-336309-11	N-Ethylperfluorooctane sulfonamidoethanol (N-EtFOSE)	U	20 J	IDL
4603363091	SW6020B	Dry	4C_0-7	460-336309-11	Antimony	0.34 J	UJ	IDL
4603363091	SW6020B	Dry	4C_0-7	460-336309-11	Calcium	3960	UJ	IDL
4603363091	SW6020B	Dry	4C_0-7	460-336309-11	Chromium	14.5	UJ	IDL
4603363091	SW6020B	Dry	4C_0-7	460-336309-11	Cobalt	6.9	UJ	IDL
4603363091	SW6020B	Dry	4C_0-7	460-336309-11	Nickel	13.3	UJ	IDL

SDG	Method	Basis	Sample ID	Lab ID	Analyte	Reported Result	Validated Result	Reason for Qualifier
4603363091	SW6020B	Dry	4C_7-14	460-336309-12	Antimony	0.28 J	UJ	IDL
4603363091	SW6020B	Dry	4C_7-14	460-336309-12	Calcium	4910	UJ	IDL
4603363091	SW6020B	Dry	4C_7-14	460-336309-12	Chromium	14.8	0.27 J	IDL
4603363091	SW6020B	Dry	4C_7-14	460-336309-12	Cobalt	6.7	UJ	IDL
4603363091	SW6020B	Dry	4C_7-14	460-336309-12	Nickel	13.8	UJ	IDL
4603363091	SW6020B	Dry	4D_0-7	460-336309-13	Antimony	0.57 J	UJ	IDL
4603363091	SW6020B	Dry	4D_0-7	460-336309-13	Calcium	1160	3.75 J	IDL
4603363091	SW6020B	Dry	4D_0-7	460-336309-13	Chromium	16.9	UJ	IDL
4603363091	SW6020B	Dry	4D_0-7	460-336309-13	Cobalt	7	UJ	IDL
4603363091	SW6020B	Dry	4D_0-7	460-336309-13	Nickel	14.5	UJ	IDL
4603363091	SW6020B	Dry	4D_7-14	460-336309-14	Antimony	0.54 J	UJ	IDL
4603363091	SW6020B	Dry	4D_7-14	460-336309-14	Calcium	979	UJ	IDL
4603363091	SW6020B	Dry	4D_7-14	460-336309-14	Chromium	14.3	UJ	IDL
4603363091	SW6020B	Dry	4D_7-14	460-336309-14	Cobalt	7.7	UJ	IDL
4603363091	SW6020B	Dry	4D_7-14	460-336309-14	Nickel	13.1	UJ	IDL
4603363091	E1633A	Dry	4E_0-7	460-336309-15	N-Ethylperfluorooctane sulfonamidoethanol (N-EtFOSE)	U	UJ	IDL
4603363091	E1633A	Dry	4E_0-7	460-336309-15	N-Methylperfluorooctane sulfonamidoethanol (N-MeFOSE)	U	UJ	IDL
4603363091	SW6020B	Dry	4E_0-7	460-336309-15	Antimony	0.65 J	UJ	IDL
4603363091	SW6020B	Dry	4E_0-7	460-336309-15	Calcium	1540	UJ	IDL
4603363091	SW6020B	Dry	4E_0-7	460-336309-15	Chromium	12.3	UJ	IDL
4603363091	SW6020B	Dry	4E_0-7	460-336309-15	Cobalt	5.5	UJ	IDL
4603363091	SW6020B	Dry	4E_0-7	460-336309-15	Nickel	10.8	UJ	IDL
4603363091	E1633A	Dry	4E_7-14	460-336309-16	N-Ethylperfluorooctane sulfonamidoethanol (N-EtFOSE)	U	UJ	IDL
4603363091	SW6020B	Dry	4E_7-14	460-336309-16	Antimony	0.44 J	UJ	IDL
4603363091	SW6020B	Dry	4E_7-14	460-336309-16	Calcium	1200	UJ	IDL
4603363091	SW6020B	Dry	4E_7-14	460-336309-16	Chromium	14.6	UJ	IDL
4603363091	SW6020B	Dry	4E_7-14	460-336309-16	Cobalt	6.1	UJ	IDL
4603363091	SW6020B	Dry	4E_7-14	460-336309-16	Nickel	13.2	UJ	IDL
4603363091	SW6020B	Dry	4F_0-7	460-336309-17	Antimony	0.49 J	UJ	IDL

SDG	Method	Basis	Sample ID	Lab ID	Analyte	Reported Result	Validated Result	Reason for Qualifier
4603363091	SW6020B	Dry	4F_0-7	460-336309-17	Calcium	954	UJ	IDL
4603363091	SW6020B	Dry	4F_0-7	460-336309-17	Chromium	25.5	UJ	IDL
4603363091	SW6020B	Dry	4F_0-7	460-336309-17	Cobalt	5.7	UJ	IDL
4603363091	SW6020B	Dry	4F_0-7	460-336309-17	Nickel	10.5	UJ	IDL
4603363091	E1633A	Dry	4F_7-14	460-336309-18	N-Ethylperfluorooctane sulfonamidoethanol (N-EtFOSE)	U	UJ	IDL
4603363091	E1633A	Dry	4F_7-14	460-336309-18	N-Methylperfluorooctane sulfonamidoethanol (N-MeFOSE)	U	UJ	IDL
4603363091	SW6020B	Dry	4F_7-14	460-336309-18	Antimony	0.4 J	UJ	IDL
4603363091	SW6020B	Dry	4F_7-14	460-336309-18	Calcium	799	UJ	IDL
4603363091	SW6020B	Dry	4F_7-14	460-336309-18	Chromium	11.7	UJ	IDL
4603363091	SW6020B	Dry	4F_7-14	460-336309-18	Cobalt	5.3	UJ	IDL
4603363091	SW6020B	Dry	4F_7-14	460-336309-18	Nickel	9.8	UJ	IDL
4603363091	SW8270E	Dry	4F_7-14	460-336309-18	Benzo(b)fluoranthene	0.02 J	UJ	IDL
4603363091	E1633A	Dry	6D_6-12	460-336309-2	N-Ethylperfluorooctane sulfonamidoethanol (N-EtFOSE)	U	UJ	IDL
4603363091	SW6020B	Dry	6D_6-12	460-336309-2	Antimony	0.44 J	UJ	IDL
4603363091	SW6020B	Dry	6D_6-12	460-336309-2	Calcium	1280	UJ	IDL
4603363091	SW6020B	Dry	6D_6-12	460-336309-2	Chromium	21.6	UJ	IDL
4603363091	SW6020B	Dry	6D_6-12	460-336309-2	Cobalt	8.6	UJ	IDL
4603363091	SW6020B	Dry	6D_6-12	460-336309-2	Nickel	29.8	UJ	IDL
4603363091	E1633A	Dry	6E_0-6	460-336309-3	N-Ethylperfluorooctane sulfonamidoethanol (N-EtFOSE)	U	UJ	IDL
4603363091	E1633A	Dry	6E_0-6	460-336309-3	N-Methylperfluorooctane sulfonamidoethanol (N-MeFOSE)	U	UJ	IDL
4603363091	E1633A	Dry	6E_0-6	460-336309-3	Perfluorotetradecanoic acid (PFTeDA)	U	UJ	IDL
4603363091	E1633A	Dry	6E_0-6	460-336309-3	Perfluorotridecanoic acid (PFTrDA)	1.95	UJ	IDL
4603363091	SW6020B	Dry	6E_0-6	460-336309-3	Antimony	0.54 J	0.56 J	IDL
4603363091	SW6020B	Dry	6E_0-6	460-336309-3	Calcium	5850	9.58 J	IDL
4603363091	SW6020B	Dry	6E_0-6	460-336309-3	Chromium	30.9	UJ	IDL
4603363091	SW6020B	Dry	6E_0-6	460-336309-3	Cobalt	10.6	UJ	IDL
4603363091	SW6020B	Dry	6E_0-6	460-336309-3	Nickel	32	UJ	IDL

SDG	Method	Basis	Sample ID	Lab ID	Analyte	Reported Result	Validated Result	Reason for Qualifier
4603363091	SW6020B	Dry	6E_6-12	460-336309-4	Antimony	0.52 J	UJ	IDL
4603363091	SW6020B	Dry	6E_6-12	460-336309-4	Calcium	1760	UJ	IDL
4603363091	SW6020B	Dry	6E_6-12	460-336309-4	Chromium	33	UJ	IDL
4603363091	SW6020B	Dry	6E_6-12	460-336309-4	Cobalt	13.1	UJ	IDL
4603363091	SW6020B	Dry	6E_6-12	460-336309-4	Nickel	47.8	0.72 J	IDL
4603363091	E1633A	Dry	6F_0-6	460-336309-5	N-Ethylperfluorooctane sulfonamidoethanol (N-EtFOSE)	U	UJ	IDL
4603363091	SW6020B	Dry	6F_0-6	460-336309-5	Antimony	0.86 J	UJ	IDL
4603363091	SW6020B	Dry	6F_0-6	460-336309-5	Calcium	1940	UJ	IDL
4603363091	SW6020B	Dry	6F_0-6	460-336309-5	Chromium	42.3	UJ	IDL
4603363091	SW6020B	Dry	6F_0-6	460-336309-5	Cobalt	14.1	0.15 J	IDL
4603363091	SW6020B	Dry	6F_0-6	460-336309-5	Nickel	54.1	UJ	IDL
4603363091	SW8260D	Dry	4B2_11-12	460-336309-53	tert-Butylbenzene	U	UJ	IDL
4603363091	E1633A	Dry	6F_6-12	460-336309-6	Perfluorotetradecanoic acid (PFTeDA)	0.18 J	UJ	IDL
4603363091	E1633A	Dry	6F_6-12	460-336309-6	Perfluorotridecanoic acid (PFTrDA)	13.1	UJ	IDL
4603363091	SW6020B	Dry	6F_6-12	460-336309-6	Antimony	0.79 J	UJ	IDL
4603363091	SW6020B	Dry	6F_6-12	460-336309-6	Calcium	1310	0.71 J	IDL
4603363091	SW6020B	Dry	6F_6-12	460-336309-6	Chromium	35	UJ	IDL
4603363091	SW6020B	Dry	6F_6-12	460-336309-6	Cobalt	11.6	UJ	IDL
4603363091	SW6020B	Dry	6F_6-12	460-336309-6	Nickel	41.5	0.53 J	IDL
4603363091	E1633A	Dry	4A_0-7	460-336309-7	N-Ethylperfluorooctane sulfonamidoethanol (N-EtFOSE)	U	UJ	IDL
4603363091	SW6020B	Dry	4A_0-7	460-336309-7	Antimony	0.82 J	UJ	IDL
4603363091	SW6020B	Dry	4A_0-7	460-336309-7	Calcium	1520	0.6 J	IDL
4603363091	SW6020B	Dry	4A_0-7	460-336309-7	Chromium	23.6	UJ	IDL
4603363091	SW6020B	Dry	4A_0-7	460-336309-7	Cobalt	13.2	11.2 J	IDL
4603363091	SW6020B	Dry	4A_0-7	460-336309-7	Nickel	46	8.38 J	IDL
4603363091	E1633A	Dry	4A_7-14	460-336309-8	N-Ethylperfluorooctane sulfonamidoethanol (N-EtFOSE)	U	UJ	IDL
4603363091	SW6020B	Dry	4A_7-14	460-336309-8	Antimony	0.61 J	UJ	IDL
4603363091	SW6020B	Dry	4A_7-14	460-336309-8	Calcium	1060	UJ	IDL
4603363091	SW6020B	Dry	4A_7-14	460-336309-8	Chromium	16	UJ	IDL

SDG	Method	Basis	Sample ID	Lab ID	Analyte	Reported Result	Validated Result	Reason for Qualifier
4603363091	SW6020B	Dry	4A_7-14	460-336309-8	Cobalt	7.4	UJ	IDL
4603363091	SW6020B	Dry	4A_7-14	460-336309-8	Nickel	14.5	UJ	IDL
4603363091	E1633A	Dry	4B_0-7	460-336309-9	N-Ethylperfluorooctane sulfonamidoethanol (N-EtFOSE)	U	UJ	IDL
4603363091	E1633A	Dry	4B_0-7	460-336309-9	N-Methylperfluorooctane sulfonamidoethanol (N-MeFOSE)	U	UJ	IDL
4603363091	SW6020B	Dry	4B_0-7	460-336309-9	Antimony	0.71 J	UJ	IDL
4603363091	SW6020B	Dry	4B_0-7	460-336309-9	Calcium	1830	UJ	IDL
4603363091	SW6020B	Dry	4B_0-7	460-336309-9	Chromium	25.1	UJ	IDL
4603363091	SW6020B	Dry	4B_0-7	460-336309-9	Cobalt	11.6	UJ	IDL
4603363091	SW6020B	Dry	4B_0-7	460-336309-9	Nickel	23.3	UJ	IDL
4603364671	SW6020B	Dry	2A_0-6	460-336467-1	Antimony	0.83 J	UJ	IDL
4603364671	SW6020B	Dry	2A_0-6	460-336467-1	Barium	32.7	UJ	IDL
4603364671	SW6020B	Dry	2A_0-6	460-336467-1	Calcium	2290	UJ	IDL
4603364671	SW6020B	Dry	2A_0-6	460-336467-1	Lead	39.7	UJ	IDL
4603364671	SW6020B	Dry	2A_0-6	460-336467-1	Magnesium	2340	UJ	IDL
4603364671	SW6020B	Dry	2A_0-6	460-336467-1	Manganese	187	UJ	IDL
4603364671	SW8081B	Dry	2A_0-6	460-336467-1	Endrin aldehyde	U	UJ	IDL
4603364671	SW8270E	Dry	2A_0-6	460-336467-1	2,2'-oxybis(1-Chloropropane)	U	UJ	IDL
4603364671	SW8270E	Dry	2A_0-6	460-336467-1	2,4-Dimethylphenol	U	UJ	IDL
4603364671	SW8270E	Dry	2A_0-6	460-336467-1	2-Methylphenol (o-Cresol)	U	UJ	IDL
4603364671	SW8270E	Dry	2A_0-6	460-336467-1	4-Chloro-3-methylphenol	U	UJ	IDL
4603364671	SW8270E	Dry	2A_0-6	460-336467-1	Acenaphthene	U	UJ	IDL
4603364671	SW8270E	Dry	2A_0-6	460-336467-1	Acenaphthylene	U	UJ	IDL
4603364671	SW8270E	Dry	2A_0-6	460-336467-1	Benzo(a)pyrene	U	UJ	IDL
4603364671	SW8270E	Dry	2A_0-6	460-336467-1	Benzo(k)fluoranthene	U	UJ	IDL
4603364671	SW8270E	Dry	2A_0-6	460-336467-1	Isophorone	U	UJ	IDL
4603364671	SW8270E	Dry	2A_0-6	460-336467-1	N-Nitrosodi-n-propylamine	U	UJ	IDL
4603364671	SW6020B	Dry	1C_7-14	460-336467-10	Antimony	0.98 J	UJ	IDL
4603364671	SW6020B	Dry	1C_7-14	460-336467-10	Barium	39	UJ	IDL
4603364671	SW6020B	Dry	1C_7-14	460-336467-10	Calcium	1280	UJ	IDL
4603364671	SW6020B	Dry	1C_7-14	460-336467-10	Lead	57.7	UJ	IDL

SDG	Method	Basis	Sample ID	Lab ID	Analyte	Reported Result	Validated Result	Reason for Qualifier
4603364671	SW6020B	Dry	1C_7-14	460-336467-10	Magnesium	2860	UJ	IDL
4603364671	SW6020B	Dry	1C_7-14	460-336467-10	Manganese	243	UJ	IDL
4603364671	SW6020B	Dry	1D_0-7	460-336467-11	Antimony	0.68 J	UJ	IDL
4603364671	SW6020B	Dry	1D_0-7	460-336467-11	Barium	56.7	UJ	IDL
4603364671	SW6020B	Dry	1D_0-7	460-336467-11	Calcium	1690	UJ	IDL
4603364671	SW6020B	Dry	1D_0-7	460-336467-11	Lead	53.5	UJ	IDL
4603364671	SW6020B	Dry	1D_0-7	460-336467-11	Magnesium	2870	0.13 J	IDL
4603364671	SW6020B	Dry	1D_0-7	460-336467-11	Manganese	293	UJ	IDL
4603364671	SW6020B	Dry	1D_7-14	460-336467-12	Antimony	0.16 J	UJ	IDL
4603364671	SW6020B	Dry	1D_7-14	460-336467-12	Barium	74.5	UJ	IDL
4603364671	SW6020B	Dry	1D_7-14	460-336467-12	Calcium	1470	1.11 J	IDL
4603364671	SW6020B	Dry	1D_7-14	460-336467-12	Lead	9.6	UJ	IDL
4603364671	SW6020B	Dry	1D_7-14	460-336467-12	Magnesium	4740	UJ	IDL
4603364671	SW6020B	Dry	1D_7-14	460-336467-12	Manganese	469	UJ	IDL
4603364671	E1633A	Dry	1E_0-7	460-336467-13	N-Ethylperfluorooctane sulfonamidoethanol (N-EtFOSE)	U	1.36 J	IDL
4603364671	SW6020B	Dry	1E_0-7	460-336467-13	Antimony	2	0.24 J	IDL
4603364671	SW6020B	Dry	1E_0-7	460-336467-13	Barium	34.3	UJ	IDL
4603364671	SW6020B	Dry	1E_0-7	460-336467-13	Calcium	1600	UJ	IDL
4603364671	SW6020B	Dry	1E_0-7	460-336467-13	Lead	72.9	UJ	IDL
4603364671	SW6020B	Dry	1E_0-7	460-336467-13	Magnesium	2140	0.21 J	IDL
4603364671	SW6020B	Dry	1E_0-7	460-336467-13	Manganese	145	UJ	IDL
4603364671	SW6020B	Dry	1E_7-14	460-336467-14	Antimony	0.18 J	UJ	IDL
4603364671	SW6020B	Dry	1E_7-14	460-336467-14	Barium	29	3.82 J	IDL
4603364671	SW6020B	Dry	1E_7-14	460-336467-14	Calcium	955	0.19 J	IDL
4603364671	SW6020B	Dry	1E_7-14	460-336467-14	Lead	10.4	UJ	IDL
4603364671	SW6020B	Dry	1E_7-14	460-336467-14	Magnesium	2230	UJ	IDL
4603364671	SW6020B	Dry	1E_7-14	460-336467-14	Manganese	165	UJ	IDL
4603364671	E1633A	Dry	1F_0-7	460-336467-15	N-Ethylperfluorooctane sulfonamidoethanol (N-EtFOSE)	U	UJ	IDL
4603364671	SW6020B	Dry	1F_0-7	460-336467-15	Antimony	1.8	UJ	IDL
4603364671	SW6020B	Dry	1F_0-7	460-336467-15	Barium	23.5	UJ	IDL

SDG	Method	Basis	Sample ID	Lab ID	Analyte	Reported Result	Validated Result	Reason for Qualifier
4603364671	SW6020B	Dry	1F_0-7	460-336467-15	Calcium	634	UJ	IDL
4603364671	SW6020B	Dry	1F_0-7	460-336467-15	Lead	47.7	UJ	IDL
4603364671	SW6020B	Dry	1F_0-7	460-336467-15	Magnesium	954	UJ	IDL
4603364671	SW6020B	Dry	1F_0-7	460-336467-15	Manganese	126	UJ	IDL
4603364671	E1633A	Dry	1F_7-14	460-336467-16	N-Ethylperfluorooctane sulfonamidoethanol (N-EtFOSE)	U	UJ	IDL
4603364671	E1633A	Dry	1F_7-14	460-336467-16	N-Methylperfluorooctane sulfonamidoethanol (N-MeFOSE)	U	0.22 J	IDL
4603364671	E1633A	Dry	1F_7-14	460-336467-16	Perfluorotetradecanoic acid (PFTeDA)	U	UJ	IDL
4603364671	E1633A	Dry	1F_7-14	460-336467-16	Perfluorotridecanoic acid (PFTrDA)	0.35	0.19 J	IDL
4603364671	SW6020B	Dry	1F_7-14	460-336467-16	Antimony	0.7 J	UJ	IDL
4603364671	SW6020B	Dry	1F_7-14	460-336467-16	Barium	28.7	UJ	IDL
4603364671	SW6020B	Dry	1F_7-14	460-336467-16	Calcium	702	0.12 J	IDL
4603364671	SW6020B	Dry	1F_7-14	460-336467-16	Lead	39.7	UJ	IDL
4603364671	SW6020B	Dry	1F_7-14	460-336467-16	Magnesium	1450	1.08 J	IDL
4603364671	SW6020B	Dry	1F_7-14	460-336467-16	Manganese	149	2.52 J	IDL
4603364671	E1633A	Dry	1G_0-7	460-336467-17	N-Ethylperfluorooctane sulfonamidoethanol (N-EtFOSE)	U	UJ	IDL
4603364671	E1633A	Dry	1G_0-7	460-336467-17	N-Methylperfluorooctane sulfonamidoethanol (N-MeFOSE)	U	UJ	IDL
4603364671	SW6020B	Dry	1G_0-7	460-336467-17	Antimony	1.1	UJ	IDL
4603364671	SW6020B	Dry	1G_0-7	460-336467-17	Barium	24.1	UJ	IDL
4603364671	SW6020B	Dry	1G_0-7	460-336467-17	Calcium	20400	UJ	IDL
4603364671	SW6020B	Dry	1G_0-7	460-336467-17	Lead	48.1	UJ	IDL
4603364671	SW6020B	Dry	1G_0-7	460-336467-17	Magnesium	11700	UJ	IDL
4603364671	SW6020B	Dry	1G_0-7	460-336467-17	Manganese	165	UJ	IDL
4603364671	E1633A	Dry	1G_7-14	460-336467-18	N-Ethylperfluorooctane sulfonamidoethanol (N-EtFOSE)	U	UJ	IDL
4603364671	SW6020B	Dry	1G_7-14	460-336467-18	Antimony	0.55 J	UJ	IDL
4603364671	SW6020B	Dry	1G_7-14	460-336467-18	Barium	29.9	UJ	IDL
4603364671	SW6020B	Dry	1G_7-14	460-336467-18	Calcium	815	UJ	IDL
4603364671	SW6020B	Dry	1G_7-14	460-336467-18	Lead	41	UJ	IDL

SDG	Method	Basis	Sample ID	Lab ID	Analyte	Reported Result	Validated Result	Reason for Qualifier
4603364671	SW6020B	Dry	1G_7-14	460-336467-18	Magnesium	923	UJ	IDL
4603364671	SW6020B	Dry	1G_7-14	460-336467-18	Manganese	183	UJ	IDL
4603364671	E1633A	Dry	1H_0-7	460-336467-19	N-Ethylperfluorooctane sulfonamidoethanol (N-EtFOSE)	U	0.19 J	IDL
4603364671	E1633A	Dry	1H_0-7	460-336467-19	N-Methylperfluorooctane sulfonamidoethanol (N-MeFOSE)	U	3.26 J	IDL
4603364671	SW6020B	Dry	1H_0-7	460-336467-19	Antimony	1	UJ	IDL
4603364671	SW6020B	Dry	1H_0-7	460-336467-19	Barium	22.1	UJ	IDL
4603364671	SW6020B	Dry	1H_0-7	460-336467-19	Calcium	12100	UJ	IDL
4603364671	SW6020B	Dry	1H_0-7	460-336467-19	Lead	51.3	UJ	IDL
4603364671	SW6020B	Dry	1H_0-7	460-336467-19	Magnesium	7430	UJ	IDL
4603364671	SW6020B	Dry	1H_0-7	460-336467-19	Manganese	196	UJ	IDL
4603364671	E1633A	Dry	2A_6-12	460-336467-2	N-Ethylperfluorooctane sulfonamidoethanol (N-EtFOSE)	U	UJ	IDL
4603364671	SW6020B	Dry	2A_6-12	460-336467-2	Antimony	0.78 J	UJ	IDL
4603364671	SW6020B	Dry	2A_6-12	460-336467-2	Barium	28.5	UJ	IDL
4603364671	SW6020B	Dry	2A_6-12	460-336467-2	Calcium	8600	UJ	IDL
4603364671	SW6020B	Dry	2A_6-12	460-336467-2	Lead	62.6	UJ	IDL
4603364671	SW6020B	Dry	2A_6-12	460-336467-2	Magnesium	5800	UJ	IDL
4603364671	SW6020B	Dry	2A_6-12	460-336467-2	Manganese	184	UJ	IDL
4603364671	E1633A	Dry	1H_7-14	460-336467-20	N-Ethylperfluorooctane sulfonamidoethanol (N-EtFOSE)	U	UJ	IDL
4603364671	E1633A	Dry	1H_7-14	460-336467-20	N-Methylperfluorooctane sulfonamidoethanol (N-MeFOSE)	U	UJ	IDL
4603364671	SW6020B	Dry	1H_7-14	460-336467-20	Antimony	0.66 J	UJ	IDL
4603364671	SW6020B	Dry	1H_7-14	460-336467-20	Barium	37.1	UJ	IDL
4603364671	SW6020B	Dry	1H_7-14	460-336467-20	Calcium	3870	1.95 J	IDL
4603364671	SW6020B	Dry	1H_7-14	460-336467-20	Lead	67.5	UJ	IDL
4603364671	SW6020B	Dry	1H_7-14	460-336467-20	Magnesium	2810	0.18 J	IDL
4603364671	SW6020B	Dry	1H_7-14	460-336467-20	Manganese	175	13.1 J	IDL
4603364671	SW6020B	Dry	2B_0-6	460-336467-3	Antimony	0.42 J	UJ	IDL
4603364671	SW6020B	Dry	2B_0-6	460-336467-3	Barium	39.6	UJ	IDL

SDG	Method	Basis	Sample ID	Lab ID	Analyte	Reported Result	Validated Result	Reason for Qualifier
4603364671	SW6020B	Dry	2B_0-6	460-336467-3	Calcium	2240	UJ	IDL
4603364671	SW6020B	Dry	2B_0-6	460-336467-3	Lead	35.1	UJ	IDL
4603364671	SW6020B	Dry	2B_0-6	460-336467-3	Magnesium	3100	UJ	IDL
4603364671	SW6020B	Dry	2B_0-6	460-336467-3	Manganese	228	UJ	IDL
4603364671	SW6020B	Dry	2B_6-12	460-336467-4	Antimony	0.52 J	UJ	IDL
4603364671	SW6020B	Dry	2B_6-12	460-336467-4	Barium	41.9	0.25 J	ION
4603364671	SW6020B	Dry	2B_6-12	460-336467-4	Calcium	1690	0.21 J	ION
4603364671	SW6020B	Dry	2B_6-12	460-336467-4	Lead	38.8	UJ	LCS
4603364671	SW6020B	Dry	2B_6-12	460-336467-4	Magnesium	2850	UJ	LCS
4603364671	SW6020B	Dry	2B_6-12	460-336467-4	Manganese	236	UJ	LCS
4603364671	E1633A	Dry	1A_0-7	460-336467-5	N-Ethylperfluorooctane sulfonamidoethanol (N-EtFOSE)	U	UJ	LCS
4603364671	SW6020B	Dry	1A_0-7	460-336467-5	Antimony	0.59 J	UJ	LCS
4603364671	SW6020B	Dry	1A_0-7	460-336467-5	Barium	33.5	UJ	LCS
4603364671	SW6020B	Dry	1A_0-7	460-336467-5	Calcium	2280	UJ	LCS
4603364671	SW6020B	Dry	1A_0-7	460-336467-5	Lead	54.3	UJ	LCS
4603364671	SW6020B	Dry	1A_0-7	460-336467-5	Magnesium	2300	UJ	LCS
4603364671	SW6020B	Dry	1A_0-7	460-336467-5	Manganese	221	UJ	LCS
4603364671	SW6020B	Dry	1A_7-14	460-336467-6	Antimony	0.48 J	UJ	LCS
4603364671	SW6020B	Dry	1A_7-14	460-336467-6	Barium	28.4	UJ	LCS
4603364671	SW6020B	Dry	1A_7-14	460-336467-6	Calcium	3000	UJ	LCS
4603364671	SW6020B	Dry	1A_7-14	460-336467-6	Lead	31.4	UJ	LCS
4603364671	SW6020B	Dry	1A_7-14	460-336467-6	Magnesium	2180	UJ	LCS
4603364671	SW6020B	Dry	1A_7-14	460-336467-6	Manganese	218	UJ	LCS
4603364671	SW6020B	Dry	1B_0-7	460-336467-7	Antimony	0.36 J	0.02 J+	LCS
4603364671	SW6020B	Dry	1B_0-7	460-336467-7	Barium	43.7	UJ	LCS
4603364671	SW6020B	Dry	1B_0-7	460-336467-7	Calcium	724	UJ	LCS
4603364671	SW6020B	Dry	1B_0-7	460-336467-7	Lead	18.8	UJ	LCS
4603364671	SW6020B	Dry	1B_0-7	460-336467-7	Magnesium	2540	UJ	LCS
4603364671	SW6020B	Dry	1B_0-7	460-336467-7	Manganese	221	UJ	LCS
4603364671	SW6020B	Dry	1B_7-14	460-336467-8	Antimony	0.85 J	UJ	LCS
4603364671	SW6020B	Dry	1B_7-14	460-336467-8	Barium	27.4	UJ	LCS

SDG	Method	Basis	Sample ID	Lab ID	Analyte	Reported Result	Validated Result	Reason for Qualifier
4603364671	SW6020B	Dry	1B_7-14	460-336467-8	Calcium	478	UJ	LCS
4603364671	SW6020B	Dry	1B_7-14	460-336467-8	Lead	32.3	UJ	LCS
4603364671	SW6020B	Dry	1B_7-14	460-336467-8	Magnesium	1040	UJ	LCS
4603364671	SW6020B	Dry	1B_7-14	460-336467-8	Manganese	171	UJ	LCS
4603364671	SW6020B	Dry	1C_0-7	460-336467-9	Antimony	0.41 J	UJ	LCS
4603364671	SW6020B	Dry	1C_0-7	460-336467-9	Barium	38.9	UJ	LCS
4603364671	SW6020B	Dry	1C_0-7	460-336467-9	Calcium	784	UJ	LCS
4603364671	SW6020B	Dry	1C_0-7	460-336467-9	Lead	20.1	UJ	LCS
4603364671	SW6020B	Dry	1C_0-7	460-336467-9	Magnesium	1840	UJ	LCS
4603364671	SW6020B	Dry	1C_0-7	460-336467-9	Manganese	215	UJ	LCS
4603365561	E1633A	Dry	48A_0-3	460-336556-1	N-Ethylperfluorooctane sulfonamidoethanol (N-EtFOSE)	U	UJ	LCS
4603365561	E1633A	Dry	61A_3-6	460-336556-10	N-Ethylperfluorooctane sulfonamidoethanol (N-EtFOSE)	U	UJ	LCS
4603365561	E1633A	Dry	62A_0-5	460-336556-11	N-Ethylperfluorooctane sulfonamidoethanol (N-EtFOSE)	U	UJ	LCS
4603365561	E1633A	Dry	62A_5-10	460-336556-12	N-Ethylperfluorooctane sulfonamidoethanol (N-EtFOSE)	U	UJ	LCS
4603365561	E1633A	Dry	62A_5-10	460-336556-12	N-Methylperfluorooctane sulfonamidoethanol (N-MeFOSE)	U	UJ	LCS
4603365561	E1633A	Dry	62A_5-10	460-336556-12	Perfluorotetradecanoic acid (PFTeDA)	0.19	UJ	LCS
4603365561	E1633A	Dry	62A_5-10	460-336556-12	Perfluorotridecanoic acid (PFTrDA)	3.26	UJ	LCS
4603365561	E1633A	Dry	48A_3-6	460-336556-2	4:2 Fluorotelomer sulfonic acid (4:2 FTS)	U	UJ	LCS
4603365561	E1633A	Dry	48A_3-6	460-336556-2	6:2 Fluorotelomer sulfonic acid (6:2 FTS)	U	UJ	LCS
4603365561	E1633A	Dry	48A_3-6	460-336556-2	N-Ethylperfluorooctane sulfonamidoethanol (N-EtFOSE)	U	UJ	LCS
4603365561	E1633A	Dry	48A_3-6	460-336556-2	N-Methylperfluorooctane sulfonamidoethanol (N-MeFOSE)	U	UJ	LCS
4603365561	E1633A	Dry	48B_0-3	460-336556-3	N-Ethylperfluorooctane sulfonamidoethanol (N-EtFOSE)	U	UJ	LCS
4603365561	E1633A	Dry	48B_0-3	460-336556-3	N-Methylperfluorooctane sulfonamidoethanol (N-MeFOSE)	U	UJ	LCS

SDG	Method	Basis	Sample ID	Lab ID	Analyte	Reported Result	Validated Result	Reason for Qualifier
4603365561	E1633A	Dry	48B_3-6	460-336556-4	N-Ethylperfluorooctane sulfonamidoethanol (N-EtFOSE)	U	UJ	LCS
4603365561	E1633A	Dry	48B_3-6	460-336556-4	N-Methylperfluorooctane sulfonamidoethanol (N-MeFOSE)	U	UJ	LCS
4603365561	E1633A	Dry	48C_0-3	460-336556-5	4:2 Fluorotelomer sulfonic acid (4:2 FTS)	U	UJ	LCS
4603365561	E1633A	Dry	48C_0-3	460-336556-5	6:2 Fluorotelomer sulfonic acid (6:2 FTS)	0.47	UJ	LCS
4603365561	E1633A	Dry	48C_0-3	460-336556-5	8:2 Fluorotelomer sulfonic acid (8:2 FTS)	1.52	UJ	LCS
4603365561	E1633A	Dry	48C_0-3	460-336556-5	N-Ethylperfluorooctane sulfonamidoethanol (N-EtFOSE)	U	UJ	LCS
4603365561	E1633A	Dry	48C_3-6	460-336556-6	4:2 Fluorotelomer sulfonic acid (4:2 FTS)	U	UJ	LCS
4603365561	E1633A	Dry	48C_3-6	460-336556-6	6:2 Fluorotelomer sulfonic acid (6:2 FTS)	0.3 J	UJ	LCS
4603365561	E1633A	Dry	48C_3-6	460-336556-6	8:2 Fluorotelomer sulfonic acid (8:2 FTS)	0.99	UJ	LCS
4603365561	E1633A	Dry	48D_3-6	460-336556-8	4:2 Fluorotelomer sulfonic acid (4:2 FTS)	U	UJ	LCS
4603365561	E1633A	Dry	48D_3-6	460-336556-8	6:2 Fluorotelomer sulfonic acid (6:2 FTS)	U	UJ	LCS
4603365561	E1633A	Dry	48D_3-6	460-336556-8	8:2 Fluorotelomer sulfonic acid (8:2 FTS)	0.45	UJ	LCS
4603366481	E1633A	Dry	44A_0-4	460-336648-1	N-Ethylperfluorooctane sulfonamidoethanol (N-EtFOSE)	U	UJ	LCS
4603366481	E1633A	Dry	44A_0-4	460-336648-1	N-Methylperfluorooctane sulfonamidoethanol (N-MeFOSE)	U	UJ	LCS
4603366481	SW6020B	Dry	44A_0-4	460-336648-1	Copper	42.8	UJ	LCS
4603366481	SW6020B	Dry	44A_0-4	460-336648-1	Lead	58.7	UJ	LCS
4603366481	SW6020B	Dry	44A_0-4	460-336648-1	Nickel	12.7	UJ	LCS
4603366481	SW6020B	Dry	44A_0-4	460-336648-1	Potassium	1320	0.59 J-	MSD
4603366481	SW6020B	Dry	44A_0-4	460-336648-1	Vanadium	22.7	33.5 J+	MSD
4603366481	SW8270E	Dry	44A_0-4	460-336648-1	1,2,4,5-Tetrachlorobenzene	U	221 J+	MSD
4603366481	SW8270E	Dry	44A_0-4	460-336648-1	2,3,4,6-Tetrachlorophenol	U	0.48 J-	MSD
4603366481	SW8270E	Dry	44A_0-4	460-336648-1	2,4,5-Trichlorophenol	U	28.4 J+	MSD
4603366481	SW8270E	Dry	44A_0-4	460-336648-1	2,4,6-Trichlorophenol	U	218 J+	MSD
4603366481	SW8270E	Dry	44A_0-4	460-336648-1	2,4-Dichlorophenol	U	0.36 J-	MSD
4603366481	SW8270E	Dry	44A_0-4	460-336648-1	2,4-Dimethylphenol	U	43.7 J+	MSD
4603366481	SW8270E	Dry	44A_0-4	460-336648-1	2,4-Dinitrotoluene	U	221 J+	MSD
4603366481	SW8270E	Dry	44A_0-4	460-336648-1	2,6-Dinitrotoluene	U	0.85 J-	MSD

SDG	Method	Basis	Sample ID	Lab ID	Analyte	Reported Result	Validated Result	Reason for Qualifier
4603366481	SW8270E	Dry	44A_0-4	460-336648-1	2-Chloronaphthalene	U	27.4 J+	MSD
4603366481	SW8270E	Dry	44A_0-4	460-336648-1	2-Chlorophenol	U	171 J+	MSD
4603366481	SW8270E	Dry	44A_0-4	460-336648-1	2-Methylphenol (o-Cresol)	U	0.41 J-	MSD
4603366481	SW8270E	Dry	44A_0-4	460-336648-1	2-Nitrophenol	U	38.9 J+	MSD
4603366481	SW8270E	Dry	44A_0-4	460-336648-1	3&4-Methylphenol	U	215 J+	MSD
4603366481	SW8270E	Dry	44A_0-4	460-336648-1	4-Bromophenyl phenyl ether (BDE-3)	U	0.98 J-	MSD
4603366481	SW8270E	Dry	44A_0-4	460-336648-1	4-Chloro-3-methylphenol	U	39 J+	MSD
4603366481	SW8270E	Dry	44A_0-4	460-336648-1	4-Chlorophenyl phenyl ether	U	243 J+	MSD
4603366481	SW8270E	Dry	44A_0-4	460-336648-1	4-Methylphenol	U	0.68 J-	MSD
4603366481	SW8270E	Dry	44A_0-4	460-336648-1	4-Nitroaniline	U	56.7 J+	MSD
4603366481	SW8270E	Dry	44A_0-4	460-336648-1	4-Nitrophenol	U	293 J+	MSD
4603366481	SW8270E	Dry	44A_0-4	460-336648-1	Acenaphthene	U	0.16 J-	MSD
4603366481	SW8270E	Dry	44A_0-4	460-336648-1	Acenaphthylene	U	74.5 J+	MSD
4603366481	SW8270E	Dry	44A_0-4	460-336648-1	Acetophenone	U	469 J+	MSD
4603366481	SW8270E	Dry	44A_0-4	460-336648-1	Anthracene	U	2 J-	MSD
4603366481	SW8270E	Dry	44A_0-4	460-336648-1	Benzo(a)anthracene	U	34.3 J+	MSD
4603366481	SW8270E	Dry	44A_0-4	460-336648-1	Benzo(a)pyrene	U	145 J+	MSD
4603366481	SW8270E	Dry	44A_0-4	460-336648-1	Benzo(b)fluoranthene	U	0.18 J-	MSD
4603366481	SW8270E	Dry	44A_0-4	460-336648-1	Benzo(g,h,i)perylene	U	29 J+	MSD
4603366481	SW8270E	Dry	44A_0-4	460-336648-1	Benzo(k)fluoranthene	U	165 J+	MSD
4603366481	SW8270E	Dry	44A_0-4	460-336648-1	Biphenyl	U	1.8 J-	MSD
4603366481	SW8270E	Dry	44A_0-4	460-336648-1	bis(2-Chloroethoxy)methane	U	23.5 J+	MSD
4603366481	SW8270E	Dry	44A_0-4	460-336648-1	bis(2-Chloroethyl)ether	U	126 J+	MSD
4603366481	SW8270E	Dry	44A_0-4	460-336648-1	bis(2-Ethylhexyl)phthalate	U	0.7 J-	MSD
4603366481	SW8270E	Dry	44A_0-4	460-336648-1	Carbazole	U	28.7 J+	MSD
4603366481	SW8270E	Dry	44A_0-4	460-336648-1	Chrysene	U	149 J+	MSD
4603366481	SW8270E	Dry	44A_0-4	460-336648-1	Dibenz(a,h)anthracene	U	1.1 J-	MSD
4603366481	SW8270E	Dry	44A_0-4	460-336648-1	Dibenzofuran	U	24.1 J+	MSD
4603366481	SW8270E	Dry	44A_0-4	460-336648-1	Diethyl phthalate	U	165 J+	MSD
4603366481	SW8270E	Dry	44A_0-4	460-336648-1	Dimethyl phthalate	U	0.55 J-	MSD
4603366481	SW8270E	Dry	44A_0-4	460-336648-1	Fluoranthene	U	29.9 J+	MSD
4603366481	SW8270E	Dry	44A_0-4	460-336648-1	Fluorene	U	183 J+	MSD

SDG	Method	Basis	Sample ID	Lab ID	Analyte	Reported Result	Validated Result	Reason for Qualifier
4603366481	SW8270E	Dry	44A_0-4	460-336648-1	Hexachlorobenzene	U	1 J-	MSD
4603366481	SW8270E	Dry	44A_0-4	460-336648-1	Hexachlorobutadiene	U	22.1 J+	MSD
4603366481	SW8270E	Dry	44A_0-4	460-336648-1	Hexachlorocyclopentadiene	U	196 J+	MSD
4603366481	SW8270E	Dry	44A_0-4	460-336648-1	Hexachloroethane	U	0.66 J-	MSD
4603366481	SW8270E	Dry	44A_0-4	460-336648-1	Indeno(1,2,3-cd)pyrene	U	37.1 J+	MSD
4603366481	SW8270E	Dry	44A_0-4	460-336648-1	Isophorone	U	175 J+	MSD
4603366481	SW8270E	Dry	44A_0-4	460-336648-1	Naphthalene	U	19.8 J+	MSD
4603366481	SW8270E	Dry	44A_0-4	460-336648-1	Nitrobenzene	U	505 J+	MSD
4603366481	SW8270E	Dry	44A_0-4	460-336648-1	N-Nitrosodi-n-propylamine	U	15.8 J+	MSD
4603366481	SW8270E	Dry	44A_0-4	460-336648-1	N-Nitrosodiphenylamine	U	20.6 J+	MSD
4603366481	SW8270E	Dry	44A_0-4	460-336648-1	Pentachlorophenol	U	759 J+	MSD
4603366481	SW8270E	Dry	44A_0-4	460-336648-1	Phenanthrene	U	19.4 J+	MSD
4603366481	SW8270E	Dry	44A_0-4	460-336648-1	Phenol	U	0.83 J-	MSD
4603366481	SW8270E	Dry	44A_0-4	460-336648-1	Pyrene	U	32.7 J+	MSD
4603366481	E1633A	Dry	44E_4-8	460-336648-10	N-Ethylperfluorooctane sulfonamidoethanol (N-EtFOSE)	U	187 J+	MSD
4603366481	E1633A	Dry	44E_4-8	460-336648-10	N-Methylperfluorooctane sulfonamidoethanol (N-MeFOSE)	U	UJ	MSD
4603366481	E1633A	Dry	44E_4-8	460-336648-10	Perfluorononanoic acid (PFNA)	0.25	UJ	MSD
4603366481	SW6020B	Dry	44E_4-8	460-336648-10	Copper	49.6	UJ	MSD
4603366481	SW6020B	Dry	44E_4-8	460-336648-10	Lead	100	UJ	MSD
4603366481	SW6020B	Dry	44E_4-8	460-336648-10	Nickel	20.3	UJ	MSD
4603366481	SW6020B	Dry	44E_4-8	460-336648-10	Potassium	1340	UJ	MSD
4603366481	SW6020B	Dry	44E_4-8	460-336648-10	Vanadium	26.3	UJ	MSD
4603366481	E1633A	Dry	44F_0-4	460-336648-11	N-Ethylperfluorooctane sulfonamidoethanol (N-EtFOSE)	U	UJ	MSD
4603366481	E1633A	Dry	44F_0-4	460-336648-11	N-Methylperfluorooctane sulfonamidoethanol (N-MeFOSE)	U	UJ	MSD
4603366481	E1633A	Dry	44F_0-4	460-336648-11	Perfluorotetradecanoic acid (PFTeDA)	0.18 J	UJ	MSD
4603366481	E1633A	Dry	44F_0-4	460-336648-11	Perfluorotridecanoic acid (PFTrDA)	2.15	UJ	MSD
4603366481	SW6020B	Dry	44F_0-4	460-336648-11	Copper	36.4	0.78 J-	MSD
4603366481	SW6020B	Dry	44F_0-4	460-336648-11	Lead	94	28.5 J+	MSD

SDG	Method	Basis	Sample ID	Lab ID	Analyte	Reported Result	Validated Result	Reason for Qualifier
4603366481	SW6020B	Dry	44F_0-4	460-336648-11	Nickel	15.7	184 J+	MSD
4603366481	SW6020B	Dry	44F_0-4	460-336648-11	Potassium	1350	0.42 J-	MSD
4603366481	SW6020B	Dry	44F_0-4	460-336648-11	Vanadium	25.1	39.6 J+	MSD
4603366481	E1633A	Dry	44F_4-8	460-336648-12	N-Ethylperfluorooctane sulfonamidoethanol (N-EtFOSE)	U	228 J+	MSD
4603366481	SW6020B	Dry	44F_4-8	460-336648-12	Copper	51	0.52 J-	MSD
4603366481	SW6020B	Dry	44F_4-8	460-336648-12	Lead	110	41.9 J+	MSD
4603366481	SW6020B	Dry	44F_4-8	460-336648-12	Nickel	24.6	236 J+	MSD
4603366481	SW6020B	Dry	44F_4-8	460-336648-12	Potassium	1340	1 J-	MSD
4603366481	SW6020B	Dry	44F_4-8	460-336648-12	Vanadium	29.9	30.4 J+	MSD
4603366481	E1633A	Dry	45A_0-6	460-336648-13	N-Ethylperfluorooctane sulfonamidoethanol (N-EtFOSE)	U	14 J+	MSD
4603366481	E1633A	Dry	45A_0-6	460-336648-13	N-Methylperfluorooctane sulfonamidoethanol (N-MeFOSE)	U	200 J+	MSD
4603366481	E1633A	Dry	45A_0-6	460-336648-13	Perfluorotetradecanoic acid (PFTeDA)	1.04	1800 J+	MSD
4603366481	E1633A	Dry	45A_0-6	460-336648-13	Perfluorotridecanoic acid (PFTrDA)	10.5	16.9 J+	MSD
4603366481	SW6020B	Dry	45A_0-6	460-336648-13	Copper	45.9	1.2 J-	MSD
4603366481	SW6020B	Dry	45A_0-6	460-336648-13	Lead	99.6	35.3 J+	MSD
4603366481	SW6020B	Dry	45A_0-6	460-336648-13	Nickel	16.1	17.5 J+	MSD
4603366481	SW6020B	Dry	45A_0-6	460-336648-13	Potassium	1170	206 J+	MSD
4603366481	SW6020B	Dry	45A_0-6	460-336648-13	Vanadium	23.4	1210 J+	MSD
4603366481	E1633A	Dry	45A_6-12	460-336648-14	N-Ethylperfluorooctane sulfonamidoethanol (N-EtFOSE)	U	24.8 J+	MSD
4603366481	E1633A	Dry	45A_6-12	460-336648-14	N-Methylperfluorooctane sulfonamidoethanol (N-MeFOSE)	U	1.2 J-	MSD
4603366481	E1633A	Dry	45A_6-12	460-336648-14	Perfluorotetradecanoic acid (PFTeDA)	0.17 J	111 J+	MSD
4603366481	E1633A	Dry	45A_6-12	460-336648-14	Perfluorotridecanoic acid (PFTrDA)	1.88	59.2 J+	MSD
4603366481	SW6020B	Dry	45A_6-12	460-336648-14	Copper	81.8	263 J+	MSD
4603366481	SW6020B	Dry	45A_6-12	460-336648-14	Lead	174	1310 J+	MSD
4603366481	SW6020B	Dry	45A_6-12	460-336648-14	Nickel	25.5	28 J+	MSD
4603366481	SW6020B	Dry	45A_6-12	460-336648-14	Potassium	1040	0.97 J-	MSD
4603366481	SW6020B	Dry	45A_6-12	460-336648-14	Vanadium	33.7	90.4 J+	MSD

SDG	Method	Basis	Sample ID	Lab ID	Analyte	Reported Result	Validated Result	Reason for Qualifier
4603366481	E1633A	Dry	45B_0-6	460-336648-15	N-Ethylperfluorooctane sulfonamidoethanol (N-EtFOSE)	U	36.5 J+	MSD
4603366481	E1633A	Dry	45B_0-6	460-336648-15	N-Methylperfluorooctane sulfonamidoethanol (N-MeFOSE)	U	274 J+	MSD
4603366481	SW6020B	Dry	45B_0-6	460-336648-15	Copper	224	1320 J+	MSD
4603366481	SW6020B	Dry	45B_0-6	460-336648-15	Lead	432	28.2 J+	MSD
4603366481	SW6020B	Dry	45B_0-6	460-336648-15	Nickel	107	2.3 J-	MSD
4603366481	SW6020B	Dry	45B_0-6	460-336648-15	Potassium	1030	24.1 J+	MSD
4603366481	SW6020B	Dry	45B_0-6	460-336648-15	Vanadium	27.6	9 J+	MSD
4603366481	E1633A	Dry	45B_6-12	460-336648-16	N-Ethylperfluorooctane sulfonamidoethanol (N-EtFOSE)	U	77.7 J+	MSD
4603366481	E1633A	Dry	45B_6-12	460-336648-16	N-Methylperfluorooctane sulfonamidoethanol (N-MeFOSE)	U	565 J+	MSD
4603366481	SW6020B	Dry	45B_6-12	460-336648-16	Copper	116	15.5 J+	MSD
4603366481	SW6020B	Dry	45B_6-12	460-336648-16	Lead	204	1.2 J-	MSD
4603366481	SW6020B	Dry	45B_6-12	460-336648-16	Nickel	48.9	34 J+	MSD
4603366481	SW6020B	Dry	45B_6-12	460-336648-16	Potassium	891	14.8 J+	MSD
4603366481	SW6020B	Dry	45B_6-12	460-336648-16	Vanadium	25.1	118 J+	MSD
4603366481	E1633A	Dry	45C_0-6	460-336648-17	N-Ethylperfluorooctane sulfonamidoethanol (N-EtFOSE)	U	737 J+	MSD
4603366481	E1633A	Dry	45C_0-6	460-336648-17	N-Methylperfluorooctane sulfonamidoethanol (N-MeFOSE)	U	21 J+	MSD
4603366481	SW6020B	Dry	45C_0-6	460-336648-17	Copper	100	19.9 J+	MSD
4603366481	SW6020B	Dry	45C_0-6	460-336648-17	Lead	260	877 J+	MSD
4603366481	SW6020B	Dry	45C_0-6	460-336648-17	Nickel	41	23.1 J+	MSD
4603366481	SW6020B	Dry	45C_0-6	460-336648-17	Potassium	1220	29 J+	MSD
4603366481	SW6020B	Dry	45C_0-6	460-336648-17	Vanadium	30.9	1120 J+	MSD
4603366481	E1633A	Dry	45C_6-12	460-336648-18	N-Ethylperfluorooctane sulfonamidoethanol (N-EtFOSE)	U	26.9 J+	MSD
4603366481	E1633A	Dry	45C_6-12	460-336648-18	N-Methylperfluorooctane sulfonamidoethanol (N-MeFOSE)	U	0.96 J-	MSD
4603366481	SW6020B	Dry	45C_6-12	460-336648-18	Copper	40.5	1220 J+	MSD

SDG	Method	Basis	Sample ID	Lab ID	Analyte	Reported Result	Validated Result	Reason for Qualifier
4603366481	SW6020B	Dry	45C_6-12	460-336648-18	Lead	81.7	19.7 J+	MSD
4603366481	SW6020B	Dry	45C_6-12	460-336648-18	Nickel	11	653 J+	MSD
4603366481	SW6020B	Dry	45C_6-12	460-336648-18	Potassium	1400	0.77 J-	MSD
4603366481	SW6020B	Dry	45C_6-12	460-336648-18	Vanadium	25.8	1670 J+	MSD
4603366481	E1633A	Dry	49A_0-5	460-336648-19	N-Ethylperfluorooctane sulfonamidoethanol (N-EtFOSE)	U	34.3 J+	MSD
4603366481	E1633A	Dry	49A_0-5	460-336648-19	N-Methylperfluorooctane sulfonamidoethanol (N-MeFOSE)	U	678 J+	MSD
4603366481	E1633A	Dry	49A_0-5	460-336648-19	Perfluorododecanoic acid (PFDoDA)	0.43	1.1 J-	MSD
4603366481	E1633A	Dry	49A_0-5	460-336648-19	Perfluorotetradecanoic acid (PFTeDA)	U	1760 J+	MSD
4603366481	E1633A	Dry	49A_0-5	460-336648-19	Perfluorotridecanoic acid (PFTrDA)	1.23	174 J+	MSD
4603366481	SW6020B	Dry	49A_0-5	460-336648-19	Copper	45.7	804 J+	MSD
4603366481	SW6020B	Dry	49A_0-5	460-336648-19	Lead	102	1.1 J-	MSD
4603366481	SW6020B	Dry	49A_0-5	460-336648-19	Nickel	15.5	1680 J+	MSD
4603366481	SW6020B	Dry	49A_0-5	460-336648-19	Potassium	1230	40.4 J+	MSD
4603366481	SW6020B	Dry	49A_0-5	460-336648-19	Vanadium	28.2	824 J+	MSD
4603366481	E1633A	Dry	44A_4-8	460-336648-2	N-Ethylperfluorooctane sulfonamidoethanol (N-EtFOSE)	U	1320 J+	MSD
4603366481	E1633A	Dry	44A_4-8	460-336648-2	N-Methylperfluorooctane sulfonamidoethanol (N-MeFOSE)	U	22.7 J+	MSD
4603366481	SW6020B	Dry	44A_4-8	460-336648-2	Copper	65.9	UJ	MSD
4603366481	SW6020B	Dry	44A_4-8	460-336648-2	Lead	113	UJ	MSD
4603366481	SW6020B	Dry	44A_4-8	460-336648-2	Nickel	21.8	UJ	MSD
4603366481	SW6020B	Dry	44A_4-8	460-336648-2	Potassium	1170	UJ	MSD
4603366481	SW6020B	Dry	44A_4-8	460-336648-2	Vanadium	27.2	UJ	MSD
4603366481	E1633A	Dry	49A_5-10	460-336648-20	N-Ethylperfluorooctane sulfonamidoethanol (N-EtFOSE)	U	UJ	MSD
4603366481	E1633A	Dry	49A_5-10	460-336648-20	N-Methylperfluorooctane sulfonamidoethanol (N-MeFOSE)	U	UJ	MSD
4603366481	E1633A	Dry	49A_5-10	460-336648-20	Perfluorododecanoic acid (PFDoDA)	0.55	UJ	MSD
4603366481	E1633A	Dry	49A_5-10	460-336648-20	Perfluorotetradecanoic acid (PFTeDA)	0.23	UJ	MSD
4603366481	E1633A	Dry	49A_5-10	460-336648-20	Perfluorotridecanoic acid (PFTrDA)	3.07	UJ	MSD

SDG	Method	Basis	Sample ID	Lab ID	Analyte	Reported Result	Validated Result	Reason for Qualifier
4603366481	SW6020B	Dry	49A_5-10	460-336648-20	Copper	34.6	UJ	MSD
4603366481	SW6020B	Dry	49A_5-10	460-336648-20	Lead	89.1	UJ	MSD
4603366481	SW6020B	Dry	49A_5-10	460-336648-20	Nickel	17.8	UJ	MSD
4603366481	SW6020B	Dry	49A_5-10	460-336648-20	Potassium	1160	UJ	MSD
4603366481	SW6020B	Dry	49A_5-10	460-336648-20	Vanadium	23.3	UJ	MSD
4603366481	E1633A	Dry	49B_0-5	460-336648-21	N-Ethylperfluorooctane sulfonamidoethanol (N-EtFOSE)	U	UJ	MSD
4603366481	E1633A	Dry	49B_0-5	460-336648-21	N-Methylperfluorooctane sulfonamidoethanol (N-MeFOSE)	U	UJ	MSD
4603366481	E1633A	Dry	49B_0-5	460-336648-21	Perfluorotetradecanoic acid (PFTeDA)	0.31	UJ	MSD
4603366481	E1633A	Dry	49B_0-5	460-336648-21	Perfluorotridecanoic acid (PFTrDA)	2.78	UJ	MSD
4603366481	SW6020B	Dry	49B_0-5	460-336648-21	Copper	303	UJ	MSD
4603366481	SW6020B	Dry	49B_0-5	460-336648-21	Lead	361	UJ	MSD
4603366481	SW6020B	Dry	49B_0-5	460-336648-21	Nickel	184	UJ	MSD
4603366481	SW6020B	Dry	49B_0-5	460-336648-21	Potassium	1190	UJ	MSD
4603366481	SW6020B	Dry	49B_0-5	460-336648-21	Vanadium	31	UJ	MSD
4603366481	SW8270E	Dry	49B_0-5	460-336648-21	2,4-Dimethylphenol	U	UJ	MSD
4603366481	E1633A	Dry	49B_5-10	460-336648-22	N-Ethylperfluorooctane sulfonamidoethanol (N-EtFOSE)	U	UJ	MSD
4603366481	E1633A	Dry	49B_5-10	460-336648-22	N-Methylperfluorooctane sulfonamidoethanol (N-MeFOSE)	U	UJ	MSD
4603366481	E1633A	Dry	49B_5-10	460-336648-22	Perfluorododecanoic acid (PFDoDA)	0.81	UJ	MSD
4603366481	E1633A	Dry	49B_5-10	460-336648-22	Perfluorotetradecanoic acid (PFTeDA)	0.34	UJ	MSD
4603366481	E1633A	Dry	49B_5-10	460-336648-22	Perfluorotridecanoic acid (PFTrDA)	3.27	UJ	MSD
4603366481	SW6020B	Dry	49B_5-10	460-336648-22	Copper	379	UJ	MSD
4603366481	SW6020B	Dry	49B_5-10	460-336648-22	Lead	492	UJ	MSD
4603366481	SW6020B	Dry	49B_5-10	460-336648-22	Nickel	239	UJ	MSD
4603366481	SW6020B	Dry	49B_5-10	460-336648-22	Potassium	1190	UJ	MSD
4603366481	SW6020B	Dry	49B_5-10	460-336648-22	Vanadium	30.3	UJ	MSD
4603366481	SW8270E	Dry	49B_5-10	460-336648-22	2,4-Dimethylphenol	U	UJ	MSD
4603366481	E1633A	Dry	44B_0-4	460-336648-3	N-Ethylperfluorooctane sulfonamidoethanol (N-EtFOSE)	U	UJ	MSD

SDG	Method	Basis	Sample ID	Lab ID	Analyte	Reported Result	Validated Result	Reason for Qualifier
4603366481	E1633A	Dry	44B_0-4	460-336648-3	N-Methylperfluorooctane sulfonamidoethanol (N-MeFOSE)	U	UJ	MSD
4603366481	SW6020B	Dry	44B_0-4	460-336648-3	Copper	78.3	UJ	MSD
4603366481	SW6020B	Dry	44B_0-4	460-336648-3	Lead	133	UJ	MSD
4603366481	SW6020B	Dry	44B_0-4	460-336648-3	Nickel	44.9	UJ	MSD
4603366481	SW6020B	Dry	44B_0-4	460-336648-3	Potassium	1420	UJ	MSD
4603366481	SW6020B	Dry	44B_0-4	460-336648-3	Vanadium	27.8	UJ	MSD
4603366481	E1633A	Dry	44B_4-8	460-336648-4	N-Ethylperfluorooctane sulfonamidoethanol (N-EtFOSE)	U	UJ	MSD
4603366481	E1633A	Dry	44B_4-8	460-336648-4	N-Methylperfluorooctane sulfonamidoethanol (N-MeFOSE)	U	UJ	MSD
4603366481	E1633A	Dry	44B_4-8	460-336648-4	Perfluorododecanoic acid (PFDoDA)	0.98	UJ	MSD
4603366481	E1633A	Dry	44B_4-8	460-336648-4	Perfluorotetradecanoic acid (PFTeDA)	U	UJ	MSD
4603366481	E1633A	Dry	44B_4-8	460-336648-4	Perfluorotridecanoic acid (PFTrDA)	1.58	UJ	MSD
4603366481	SW6020B	Dry	44B_4-8	460-336648-4	Copper	38.9	UJ	MSD
4603366481	SW6020B	Dry	44B_4-8	460-336648-4	Lead	74.3	UJ	MSD
4603366481	SW6020B	Dry	44B_4-8	460-336648-4	Nickel	12	UJ	MSD
4603366481	SW6020B	Dry	44B_4-8	460-336648-4	Potassium	1140	UJ	MSD
4603366481	SW6020B	Dry	44B_4-8	460-336648-4	Vanadium	28.3	UJ	MSD
4603366481	E1633A	Dry	44C_0-4	460-336648-5	N-Ethylperfluorooctane sulfonamidoethanol (N-EtFOSE)	U	UJ	MSD
4603366481	E1633A	Dry	44C_0-4	460-336648-5	N-Methylperfluorooctane sulfonamidoethanol (N-MeFOSE)	U	1170 J+	MSD
4603366481	E1633A	Dry	44C_0-4	460-336648-5	Perfluorotetradecanoic acid (PFTeDA)	0.19 J	27.2 J+	MSD
4603366481	E1633A	Dry	44C_0-4	460-336648-5	Perfluorotridecanoic acid (PFTrDA)	2.18	1420 J+	MSD
4603366481	SW6020B	Dry	44C_0-4	460-336648-5	Copper	53	27.8 J+	MSD
4603366481	SW6020B	Dry	44C_0-4	460-336648-5	Lead	96	1140 J+	MSD
4603366481	SW6020B	Dry	44C_0-4	460-336648-5	Nickel	21.4	28.3 J+	MSD
4603366481	SW6020B	Dry	44C_0-4	460-336648-5	Potassium	1440	1440 J+	MSD
4603366481	SW6020B	Dry	44C_0-4	460-336648-5	Vanadium	26.6	26.6 J+	MSD
4603366481	E1633A	Dry	44C_4-8	460-336648-6	N-Ethylperfluorooctane sulfonamidoethanol (N-EtFOSE)	U	1180 J+	MSD

SDG	Method	Basis	Sample ID	Lab ID	Analyte	Reported Result	Validated Result	Reason for Qualifier
4603366481	E1633A	Dry	44C_4-8	460-336648-6	N-Methylperfluorooctane sulfonamidoethanol (N-MeFOSE)	U	25.1 J+	MSD
4603366481	E1633A	Dry	44C_4-8	460-336648-6	Perfluorododecanoic acid (PFDoDA)	0.55	1320 J+	MSD
4603366481	E1633A	Dry	44C_4-8	460-336648-6	Perfluorotetradecanoic acid (PFTeDA)	0.37	27.9 J+	MSD
4603366481	E1633A	Dry	44C_4-8	460-336648-6	Perfluorotridecanoic acid (PFTrDA)	2.48	1420 J+	MSD
4603366481	SW6020B	Dry	44C_4-8	460-336648-6	Copper	55.5	26.5 J+	MSD
4603366481	SW6020B	Dry	44C_4-8	460-336648-6	Lead	131	1320 J+	MSD
4603366481	SW6020B	Dry	44C_4-8	460-336648-6	Nickel	17.4	26.5 J+	MSD
4603366481	SW6020B	Dry	44C_4-8	460-336648-6	Potassium	1180	1340 J+	MSD
4603366481	SW6020B	Dry	44C_4-8	460-336648-6	Vanadium	25.1	26.3 J+	MSD
4603366481	E1633A	Dry	44D_0-4	460-336648-7	N-Ethylperfluorooctane sulfonamidoethanol (N-EtFOSE)	U	1350 J+	MSD
4603366481	E1633A	Dry	44D_0-4	460-336648-7	N-Methylperfluorooctane sulfonamidoethanol (N-MeFOSE)	U	25.1 J+	MSD
4603366481	E1633A	Dry	44D_0-4	460-336648-7	Perfluorotetradecanoic acid (PFTeDA)	0.17 J	1340 J+	MSD
4603366481	E1633A	Dry	44D_0-4	460-336648-7	Perfluorotridecanoic acid (PFTrDA)	1.48	29.9 J+	MSD
4603366481	SW6020B	Dry	44D_0-4	460-336648-7	Copper	52.2	1170 J+	MSD
4603366481	SW6020B	Dry	44D_0-4	460-336648-7	Lead	96.5	23.4 J+	MSD
4603366481	SW6020B	Dry	44D_0-4	460-336648-7	Nickel	14.2	1040 J+	MSD
4603366481	SW6020B	Dry	44D_0-4	460-336648-7	Potassium	1320	33.7 J+	MSD
4603366481	SW6020B	Dry	44D_0-4	460-336648-7	Vanadium	27.9	1030 J+	MSD
4603366481	E1633A	Dry	44D_4-8	460-336648-8	3:3 Fluorotelomer carboxylic acid (3:3 FTCA)	U	27.6 J+	MSD
4603366481	E1633A	Dry	44D_4-8	460-336648-8	N-Ethylperfluorooctane sulfonamidoethanol (N-EtFOSE)	U	891 J+	MSD
4603366481	E1633A	Dry	44D_4-8	460-336648-8	N-Methylperfluorooctane sulfonamidoethanol (N-MeFOSE)	U	25.1 J+	MSD
4603366481	E1633A	Dry	44D_4-8	460-336648-8	Perfluoro(4-methoxybutanoic) acid (PFMBA)	U	1220 J+	MSD
4603366481	E1633A	Dry	44D_4-8	460-336648-8	Perfluoro-3-methoxypropanoic acid (PFMPA)	U	30.9 J+	MSD
4603366481	E1633A	Dry	44D_4-8	460-336648-8	Perfluorobutanoic acid (PFBA)	U	1400 J+	MSD

SDG	Method	Basis	Sample ID	Lab ID	Analyte	Reported Result	Validated Result	Reason for Qualifier
4603366481	E1633A	Dry	44D_4-8	460-336648-8	Perfluoropentanoic acid (PFPeA)	U	25.8 J+	MSD
4603366481	E1633A	Dry	44D_4-8	460-336648-8	Perfluorotetradecanoic acid (PFTeDA)	0.11 J	1230 J+	MSD
4603366481	E1633A	Dry	44D_4-8	460-336648-8	Perfluorotridecanoic acid (PFTrDA)	1.08	28.2 J+	MSD
4603366481	SW6020B	Dry	44D_4-8	460-336648-8	Copper	79.1	1160 J+	MSD
4603366481	SW6020B	Dry	44D_4-8	460-336648-8	Lead	126	23.3 J+	MSD
4603366481	SW6020B	Dry	44D_4-8	460-336648-8	Nickel	35.7	1190 J+	MSD
4603366481	SW6020B	Dry	44D_4-8	460-336648-8	Potassium	1420	31 J+	MSD
4603366481	SW6020B	Dry	44D_4-8	460-336648-8	Vanadium	26.5	1190 J+	MSD
4603366481	E1633A	Dry	44E_0-4	460-336648-9	N-Ethylperfluorooctane sulfonamidoethanol (N-EtFOSE)	U	30.3 J+	MSD
4603366481	E1633A	Dry	44E_0-4	460-336648-9	N-Methylperfluorooctane sulfonamidoethanol (N-MeFOSE)	U	1.3 J-	MSD
4603366481	SW6020B	Dry	44E_0-4	460-336648-9	Copper	62	21.8 J+	MSD
4603366481	SW6020B	Dry	44E_0-4	460-336648-9	Lead	108	12.7 J+	MSD
4603366481	SW6020B	Dry	44E_0-4	460-336648-9	Nickel	22.9	93.2 J+	MSD
4603366481	SW6020B	Dry	44E_0-4	460-336648-9	Potassium	1320	526 J+	MSD
4603366481	SW6020B	Dry	44E_0-4	460-336648-9	Vanadium	26.5	16.7 J+	MSD
4603367611	E1633A	Dry	49C_0-5	460-336761-1	N-Methylperfluorooctane sulfonamidoethanol (N-MeFOSE)	U	2.9 J-	MSD
4603367611	E1633A	Dry	49C_0-5	460-336761-1	Perfluorononanoic acid (PFNA)	0.21	66.4 J+	MSD
4603367611	SW6020B	Dry	49C_0-5	460-336761-1	Antimony	1.3	41.2 J+	MSD
4603367611	SW6020B	Dry	49C_0-5	460-336761-1	Arsenic	6.7	171 J+	MSD
4603367611	SW6020B	Dry	49C_0-5	460-336761-1	Barium	21.8	689 J+	MSD
4603367611	SW6020B	Dry	49C_0-5	460-336761-1	Calcium	513	22.1 J+	MSD
4603367611	SW6020B	Dry	49C_0-5	460-336761-1	Chromium	12.7	2.2 J-	MSD
4603367611	SW6020B	Dry	49C_0-5	460-336761-1	Cobalt	8	27.9 J+	MSD
4603367611	SW6020B	Dry	49C_0-5	460-336761-1	Copper	86.4	25.6 J+	MSD
4603367611	SW6020B	Dry	49C_0-5	460-336761-1	Manganese	93.2	160 J+	MSD
4603367611	SW6020B	Dry	49C_0-5	460-336761-1	Nickel	48.8	599 J+	MSD
4603367611	SW6020B	Dry	49C_0-5	460-336761-1	Potassium	526	24.5 J+	MSD
4603367611	SW6020B	Dry	49C_0-5	460-336761-1	Vanadium	16.7	1.6 J-	MSD
4603367611	SW6020B	Dry	49C_0-5	460-336761-1	Zinc	218	39.1 J+	MSD

SDG	Method	Basis	Sample ID	Lab ID	Analyte	Reported Result	Validated Result	Reason for Qualifier
4603367611	E1633A	Dry	5C_5-10	460-336761-10	N-Ethylperfluorooctane sulfonamidoethanol (N-EtFOSE)	U	22.8 J+	MSD
4603367611	SW6020B	Dry	5C_5-10	460-336761-10	Antimony	0.87 J	187 J+	MSD
4603367611	SW6020B	Dry	5C_5-10	460-336761-10	Arsenic	6.3	751 J+	MSD
4603367611	SW6020B	Dry	5C_5-10	460-336761-10	Barium	48.4	21.2 J+	MSD
4603367611	SW6020B	Dry	5C_5-10	460-336761-10	Calcium	1220	0.82 J-	MSD
4603367611	SW6020B	Dry	5C_5-10	460-336761-10	Chromium	23.1	13.2 J-	MSD
4603367611	SW6020B	Dry	5C_5-10	460-336761-10	Cobalt	6.5	0.61 J-	MSD
4603367611	SW6020B	Dry	5C_5-10	460-336761-10	Copper	45.3	7.4 J-	MSD
4603367611	SW6020B	Dry	5C_5-10	460-336761-10	Manganese	176	0.71 J-	MSD
4603367611	SW6020B	Dry	5C_5-10	460-336761-10	Nickel	19.6	11.6 J-	MSD
4603367611	SW6020B	Dry	5C_5-10	460-336761-10	Potassium	825	0.3 J-	MSD
4603367611	SW6020B	Dry	5C_5-10	460-336761-10	Vanadium	21.1	6.1 J-	MSD
4603367611	SW6020B	Dry	5C_5-10	460-336761-10	Zinc	139	0.34 J-	MSD
4603367611	E1633A	Dry	5D_0-5	460-336761-11	4:2 Fluorotelomer sulfonic acid (4:2 FTS)	U	6.9 J-	MSD
4603367611	SW6020B	Dry	5D_0-5	460-336761-11	Antimony	2.2	0.28 J-	MSD
4603367611	SW6020B	Dry	5D_0-5	460-336761-11	Arsenic	7.5	6.7 J-	MSD
4603367611	SW6020B	Dry	5D_0-5	460-336761-11	Barium	78.4	0.57 J-	MSD
4603367611	SW6020B	Dry	5D_0-5	460-336761-11	Calcium	2390	7 J-	MSD
4603367611	SW6020B	Dry	5D_0-5	460-336761-11	Chromium	38.4	0.54 J-	MSD
4603367611	SW6020B	Dry	5D_0-5	460-336761-11	Cobalt	9.4	7.7 J-	MSD
4603367611	SW6020B	Dry	5D_0-5	460-336761-11	Copper	65	0.65 J-	MSD
4603367611	SW6020B	Dry	5D_0-5	460-336761-11	Manganese	289	5.5 J-	MSD
4603367611	SW6020B	Dry	5D_0-5	460-336761-11	Nickel	29.2	0.44 J-	MSD
4603367611	SW6020B	Dry	5D_0-5	460-336761-11	Potassium	1660	6.1 J-	MSD
4603367611	SW6020B	Dry	5D_0-5	460-336761-11	Vanadium	31.4	0.49 J-	MSD
4603367611	SW6020B	Dry	5D_0-5	460-336761-11	Zinc	264	5.7 J-	MSD
4603367611	E1633A	Dry	5D_5-10	460-336761-12	4:2 Fluorotelomer sulfonic acid (4:2 FTS)	U	0.4 J-	MSD
4603367611	E1633A	Dry	5D_5-10	460-336761-12	6:2 Fluorotelomer sulfonic acid (6:2 FTS)	U	5.3 J-	MSD
4603367611	E1633A	Dry	5D_5-10	460-336761-12	N-Ethylperfluorooctane sulfonamidoethanol (N-EtFOSE)	U	0.71 J-	MSD
4603367611	E1633A	Dry	5D_5-10	460-336761-12	Perfluorodecanesulfonic acid (PFDS)	U	0.0027 J	MSD

SDG	Method	Basis	Sample ID	Lab ID	Analyte	Reported Result	Validated Result	Reason for Qualifier
4603367611	E1633A	Dry	5D_5-10	460-336761-12	Perfluorodecanoic acid (PFDA)	0.22	UJ	MSD
4603367611	E1633A	Dry	5D_5-10	460-336761-12	Perfluorododecane sulfonic acid (PFDoDS)	U	UJ	MSD
4603367611	E1633A	Dry	5D_5-10	460-336761-12	Perfluorododecanoic acid (PFDoDA)	0.19 J	0.4 J-	MSD
4603367611	E1633A	Dry	5D_5-10	460-336761-12	Perfluoroheptanesulfonic acid (PFHpS)	U	0.76 J-	MSD
4603367611	E1633A	Dry	5D_5-10	460-336761-12	Perfluorononane sulfonic acid (PFNS)	U	0.53 J-	MSD
4603367611	E1633A	Dry	5D_5-10	460-336761-12	Perfluorooctanesulfonic acid (PFOS)	0.12 J	0.51 J-	MSD
4603367611	E1633A	Dry	5D_5-10	460-336761-12	Perfluorotetradecanoic acid (PFTeDA)	U	0.72 J-	MSD
4603367611	E1633A	Dry	5D_5-10	460-336761-12	Perfluorotridecanoic acid (PFTrDA)	1.08	0.46 J-	MSD
4603367611	E1633A	Dry	5D_5-10	460-336761-12	Perfluoroundecanoic acid (PFUnDA)	2.52	0.99 J-	MSD
4603367611	SW6020B	Dry	5D_5-10	460-336761-12	Antimony	3	0.26 J-	MSD
4603367611	SW6020B	Dry	5D_5-10	460-336761-12	Arsenic	7.4	0.43 J-	MSD
4603367611	SW6020B	Dry	5D_5-10	460-336761-12	Barium	118	1.1 J-	MSD
4603367611	SW6020B	Dry	5D_5-10	460-336761-12	Calcium	3160	1.1 J-	MSD
4603367611	SW6020B	Dry	5D_5-10	460-336761-12	Chromium	87.9	0.75 J-	MSD
4603367611	SW6020B	Dry	5D_5-10	460-336761-12	Cobalt	22	0.62 J-	MSD
4603367611	SW6020B	Dry	5D_5-10	460-336761-12	Copper	223	0.49 J-	MSD
4603367611	SW6020B	Dry	5D_5-10	460-336761-12	Manganese	259	4.15 J	MSD
4603367611	SW6020B	Dry	5D_5-10	460-336761-12	Nickel	104	0.52 J-	MSD
4603367611	SW6020B	Dry	5D_5-10	460-336761-12	Potassium	1680	0.83 J-	MSD
4603367611	SW6020B	Dry	5D_5-10	460-336761-12	Vanadium	32	0.72 J-	MSD
4603367611	SW6020B	Dry	5D_5-10	460-336761-12	Zinc	1010	0.74 J-	MSD
4603367611	E1633A	Dry	5E_0-5	460-336761-13	4:2 Fluorotelomer sulfonic acid (4:2 FTS)	U	0.62 J-	MSD
4603367611	E1633A	Dry	5E_0-5	460-336761-13	6:2 Fluorotelomer sulfonic acid (6:2 FTS)	U	0.95 J-	MSD
4603367611	E1633A	Dry	5E_0-5	460-336761-13	N-Ethylperfluorooctane sulfonamidoethanol (N-EtFOSE)	U	0.42 J-	MSD
4603367611	SW6020B	Dry	5E_0-5	460-336761-13	Antimony	2.5	0.35 J-	MSD
4603367611	SW6020B	Dry	5E_0-5	460-336761-13	Arsenic	7.2	0.65 J-	MSD
4603367611	SW6020B	Dry	5E_0-5	460-336761-13	Barium	89.1	0.15 J-	MSD
4603367611	SW6020B	Dry	5E_0-5	460-336761-13	Calcium	2200	0.28 J-	MSD
4603367611	SW6020B	Dry	5E_0-5	460-336761-13	Chromium	61.3	0.34 J-	MSD
4603367611	SW6020B	Dry	5E_0-5	460-336761-13	Cobalt	13.8	0.91 J-	MSD

SDG	Method	Basis	Sample ID	Lab ID	Analyte	Reported Result	Validated Result	Reason for Qualifier
4603367611	SW6020B	Dry	5E_0-5	460-336761-13	Copper	129	0.17 J-	MSD
4603367611	SW6020B	Dry	5E_0-5	460-336761-13	Manganese	235	0.4 J-	MSD
4603367611	SW6020B	Dry	5E_0-5	460-336761-13	Nickel	57.2	0.58 J-	MSD
4603367611	SW6020B	Dry	5E_0-5	460-336761-13	Potassium	1460	54.2 J-	MSD
4603367611	SW6020B	Dry	5E_0-5	460-336761-13	Vanadium	30.1	55.8 J-	MSD
4603367611	SW6020B	Dry	5E_0-5	460-336761-13	Zinc	621	14 J-	MSD
4603367611	E1633A	Dry	5E_5-10	460-336761-14	4:2 Fluorotelomer sulfonic acid (4:2 FTS)	U	0.53 J-	MSD
4603367611	E1633A	Dry	5E_5-10	460-336761-14	6:2 Fluorotelomer sulfonic acid (6:2 FTS)	U	53.8 J-	MSD
4603367611	SW6020B	Dry	5E_5-10	460-336761-14	Antimony	2.7	42.7 J-	MSD
4603367611	SW6020B	Dry	5E_5-10	460-336761-14	Arsenic	8	15.2 J-	MSD
4603367611	SW6020B	Dry	5E_5-10	460-336761-14	Barium	59.3	0.6 J-	MSD
4603367611	SW6020B	Dry	5E_5-10	460-336761-14	Calcium	1820	59.3 J-	MSD
4603367611	SW6020B	Dry	5E_5-10	460-336761-14	Chromium	34.4	40.7 J-	MSD
4603367611	SW6020B	Dry	5E_5-10	460-336761-14	Cobalt	8.5	14.2 J-	MSD
4603367611	SW6020B	Dry	5E_5-10	460-336761-14	Copper	74.6	0.6 J-	MSD
4603367611	SW6020B	Dry	5E_5-10	460-336761-14	Manganese	165	50.9 J-	MSD
4603367611	SW6020B	Dry	5E_5-10	460-336761-14	Nickel	28.3	40 J-	MSD
4603367611	SW6020B	Dry	5E_5-10	460-336761-14	Potassium	1250	13.3 J-	MSD
4603367611	SW6020B	Dry	5E_5-10	460-336761-14	Vanadium	26.7	0.69 J-	MSD
4603367611	SW6020B	Dry	5E_5-10	460-336761-14	Zinc	281	66.3 J-	MSD
4603367611	SW6020B	Dry	3B_0-7	460-336761-15	Antimony	1	45.9 J-	MSD
4603367611	SW6020B	Dry	3B_0-7	460-336761-15	Arsenic	4.5	15.5 J-	MSD
4603367611	SW6020B	Dry	3B_0-7	460-336761-15	Barium	30.4	0.96 J-	MSD
4603367611	SW6020B	Dry	3B_0-7	460-336761-15	Calcium	2060	65.5 J-	MSD
4603367611	SW6020B	Dry	3B_0-7	460-336761-15	Chromium	14	69.8 J-	MSD
4603367611	SW6020B	Dry	3B_0-7	460-336761-15	Cobalt	5.9	21 J-	MSD
4603367611	SW6020B	Dry	3B_0-7	460-336761-15	Copper	34.6	0.86 J-	MSD
4603367611	SW6020B	Dry	3B_0-7	460-336761-15	Manganese	200	51.5 J-	MSD
4603367611	SW6020B	Dry	3B_0-7	460-336761-15	Nickel	16.1	84.7 J-	MSD
4603367611	SW6020B	Dry	3B_0-7	460-336761-15	Potassium	1800	20 J-	MSD
4603367611	SW6020B	Dry	3B_0-7	460-336761-15	Vanadium	16.9	0.79 J-	MSD
4603367611	SW6020B	Dry	3B_0-7	460-336761-15	Zinc	90.9	57.9 J-	MSD

SDG	Method	Basis	Sample ID	Lab ID	Analyte	Reported Result	Validated Result	Reason for Qualifier
4603367611	SW6020B	Dry	3B_7-14	460-336761-16	Antimony	1.2	52.7 J-	MSD
4603367611	SW6020B	Dry	3B_7-14	460-336761-16	Arsenic	6	15.8 J-	MSD
4603367611	SW6020B	Dry	3B_7-14	460-336761-16	Barium	35.3	0.46 J-	MSD
4603367611	SW6020B	Dry	3B_7-14	460-336761-16	Calcium	861	55.4 J-	MSD
4603367611	SW6020B	Dry	3B_7-14	460-336761-16	Chromium	17.5	31.7 J-	MSD
4603367611	SW6020B	Dry	3B_7-14	460-336761-16	Cobalt	5.4	13.5 J-	MSD
4603367611	SW6020B	Dry	3B_7-14	460-336761-16	Copper	26.8	0.39 J-	MSD
4603367611	SW6020B	Dry	3B_7-14	460-336761-16	Manganese	206	43 J-	MSD
4603367611	SW6020B	Dry	3B_7-14	460-336761-16	Nickel	18.1	29.2 J-	MSD
4603367611	SW6020B	Dry	3B_7-14	460-336761-16	Potassium	1210	12.6 J-	MSD
4603367611	SW6020B	Dry	3B_7-14	460-336761-16	Vanadium	24.8	0.5 J-	MSD
4603367611	SW6020B	Dry	3B_7-14	460-336761-16	Zinc	44.3	74.3 J-	MSD
4603367611	E1633A	Dry	3C_0-7	460-336761-17	4:2 Fluorotelomer sulfonic acid (4:2 FTS)	U	36 J-	MSD
4603367611	E1633A	Dry	3C_0-7	460-336761-17	6:2 Fluorotelomer sulfonic acid (6:2 FTS)	0.69	16.5 J-	MSD
4603367611	SW6020B	Dry	3C_0-7	460-336761-17	Antimony	1.2	0.37 J-	MSD
4603367611	SW6020B	Dry	3C_0-7	460-336761-17	Arsenic	7	45.5 J-	MSD
4603367611	SW6020B	Dry	3C_0-7	460-336761-17	Barium	111	37.6 J-	MSD
4603367611	SW6020B	Dry	3C_0-7	460-336761-17	Calcium	1990	16.3 J-	MSD
4603367611	SW6020B	Dry	3C_0-7	460-336761-17	Chromium	59.2	0.28 J-	MSD
4603367611	SW6020B	Dry	3C_0-7	460-336761-17	Cobalt	14.5	53.1 J-	MSD
4603367611	SW6020B	Dry	3C_0-7	460-336761-17	Copper	150	23.3 J-	MSD
4603367611	SW6020B	Dry	3C_0-7	460-336761-17	Manganese	263	13.8 J-	MSD
4603367611	SW6020B	Dry	3C_0-7	460-336761-17	Nickel	68.4	0.55 J-	MSD
4603367611	SW6020B	Dry	3C_0-7	460-336761-17	Potassium	1310	52.7 J-	MSD
4603367611	SW6020B	Dry	3C_0-7	460-336761-17	Vanadium	28	56.6 J-	MSD
4603367611	SW6020B	Dry	3C_0-7	460-336761-17	Zinc	575	25.4 J-	MSD
4603367611	E1633A	Dry	3C_7-14	460-336761-18	4:2 Fluorotelomer sulfonic acid (4:2 FTS)	U	0.37 J-	MSD
4603367611	E1633A	Dry	3C_7-14	460-336761-18	6:2 Fluorotelomer sulfonic acid (6:2 FTS)	0.37 J	49.7 J-	MSD
4603367611	SW6020B	Dry	3C_7-14	460-336761-18	Antimony	0.97 J	25.3 J-	MSD
4603367611	SW6020B	Dry	3C_7-14	460-336761-18	Arsenic	6.5	12.8 J-	MSD
4603367611	SW6020B	Dry	3C_7-14	460-336761-18	Barium	90.4	0.54 J-	MSD
4603367611	SW6020B	Dry	3C_7-14	460-336761-18	Calcium	1750	34.5 J-	MSD

SDG	Method	Basis	Sample ID	Lab ID	Analyte	Reported Result	Validated Result	Reason for Qualifier
4603367611	SW6020B	Dry	3C_7-14	460-336761-18	Chromium	36.5	33.3 J-	MSD
4603367611	SW6020B	Dry	3C_7-14	460-336761-18	Cobalt	11.6	10.3 J-	MSD
4603367611	SW6020B	Dry	3C_7-14	460-336761-18	Copper	99.1	0.61 J-	MSD
4603367611	SW6020B	Dry	3C_7-14	460-336761-18	Manganese	274	33.5 J-	MSD
4603367611	SW6020B	Dry	3C_7-14	460-336761-18	Nickel	58.9	41.7 J-	MSD
4603367611	SW6020B	Dry	3C_7-14	460-336761-18	Potassium	1320	12.4 J-	MSD
4603367611	SW6020B	Dry	3C_7-14	460-336761-18	Vanadium	28.2	0.46 J-	MSD
4603367611	SW6020B	Dry	3C_7-14	460-336761-18	Zinc	331	31.5 J-	MSD
4603367611	E1633A	Dry	3D_0-7	460-336761-19	N-Ethylperfluorooctane sulfonamidoethanol (N-EtFOSE)	U	33.7 J-	MSD
4603367611	SW6020B	Dry	3D_0-7	460-336761-19	Antimony	2.3	10.6 J-	MSD
4603367611	SW6020B	Dry	3D_0-7	460-336761-19	Arsenic	11.9	1.3 J-	MSD
4603367611	SW6020B	Dry	3D_0-7	460-336761-19	Barium	24.1	78 J-	MSD
4603367611	SW6020B	Dry	3D_0-7	460-336761-19	Calcium	478	98 J-	MSD
4603367611	SW6020B	Dry	3D_0-7	460-336761-19	Chromium	9	50.3 J-	MSD
4603367611	SW6020B	Dry	3D_0-7	460-336761-19	Cobalt	2.4	0.63 J-	MSD
4603367611	SW6020B	Dry	3D_0-7	460-336761-19	Copper	29.4	34.4 J-	MSD
4603367611	SW6020B	Dry	3D_0-7	460-336761-19	Manganese	77.7	42.1 J-	MSD
4603367611	SW6020B	Dry	3D_0-7	460-336761-19	Nickel	4.7	12 J-	MSD
4603367611	SW6020B	Dry	3D_0-7	460-336761-19	Potassium	565	UJ	MSD
4603367611	SW6020B	Dry	3D_0-7	460-336761-19	Vanadium	15.5	UJ	MSD
4603367611	SW6020B	Dry	3D_0-7	460-336761-19	Zinc	25.8	UJ	MSD
4603367611	E1633A	Dry	49C_5-10	460-336761-2	N-Ethylperfluorooctane sulfonamidoethanol (N-EtFOSE)	U	UJ	MSD
4603367611	SW6020B	Dry	49C_5-10	460-336761-2	Antimony	2.9	0.93 J-	MSD
4603367611	SW6020B	Dry	49C_5-10	460-336761-2	Arsenic	7.9	81.4 J+	MSD
4603367611	SW6020B	Dry	49C_5-10	460-336761-2	Barium	66.4	42.2 J+	MSD
4603367611	SW6020B	Dry	49C_5-10	460-336761-2	Calcium	1460	223 J+	MSD
4603367611	SW6020B	Dry	49C_5-10	460-336761-2	Chromium	41.2	1130 J+	MSD
4603367611	SW6020B	Dry	49C_5-10	460-336761-2	Cobalt	36.5	25.3 J+	MSD
4603367611	SW6020B	Dry	49C_5-10	460-336761-2	Copper	423	0.99 J-	MSD
4603367611	SW6020B	Dry	49C_5-10	460-336761-2	Manganese	171	104 J+	MSD

SDG	Method	Basis	Sample ID	Lab ID	Analyte	Reported Result	Validated Result	Reason for Qualifier
4603367611	SW6020B	Dry	49C_5-10	460-336761-2	Nickel	281	62.6 J+	MSD
4603367611	SW6020B	Dry	49C_5-10	460-336761-2	Potassium	689	297 J+	MSD
4603367611	SW6020B	Dry	49C_5-10	460-336761-2	Vanadium	22.1	1260 J+	MSD
4603367611	SW6020B	Dry	49C_5-10	460-336761-2	Zinc	1290	28.6 J+	MSD
4603367611	E1633A	Dry	3D_7-14	460-336761-20	N-Ethylperfluorooctane sulfonamidoethanol (N-EtFOSE)	U	0.83 J-	MSD
4603367611	SW6020B	Dry	3D_7-14	460-336761-20	Antimony	1.2	58.6 J+	MSD
4603367611	SW6020B	Dry	3D_7-14	460-336761-20	Arsenic	8.1	31.9 J+	MSD
4603367611	SW6020B	Dry	3D_7-14	460-336761-20	Barium	34	243 J+	MSD
4603367611	SW6020B	Dry	3D_7-14	460-336761-20	Calcium	973	1170 J+	MSD
4603367611	SW6020B	Dry	3D_7-14	460-336761-20	Chromium	14.8	26.9 J+	MSD
4603367611	SW6020B	Dry	3D_7-14	460-336761-20	Cobalt	4.6	1.1 J-	MSD
4603367611	SW6020B	Dry	3D_7-14	460-336761-20	Copper	34	115 J+	MSD
4603367611	SW6020B	Dry	3D_7-14	460-336761-20	Manganese	118	49.7 J+	MSD
4603367611	SW6020B	Dry	3D_7-14	460-336761-20	Nickel	12.7	231 J+	MSD
4603367611	SW6020B	Dry	3D_7-14	460-336761-20	Potassium	737	1210 J+	MSD
4603367611	SW6020B	Dry	3D_7-14	460-336761-20	Vanadium	21	28.4 J+	MSD
4603367611	SW6020B	Dry	3D_7-14	460-336761-20	Zinc	94	0.62 J-	MSD
4603367611	SW6020B	Dry	49D_0-5	460-336761-3	Antimony	2.2	65.2 J+	MSD
4603367611	SW6020B	Dry	49D_0-5	460-336761-3	Arsenic	11.4	33.7 J+	MSD
4603367611	SW6020B	Dry	49D_0-5	460-336761-3	Barium	27.9	246 J+	MSD
4603367611	SW6020B	Dry	49D_0-5	460-336761-3	Calcium	8870	1040 J+	MSD
4603367611	SW6020B	Dry	49D_0-5	460-336761-3	Chromium	25.6	22.5 J+	MSD
4603367611	SW6020B	Dry	49D_0-5	460-336761-3	Cobalt	9	0.87 J-	MSD
4603367611	SW6020B	Dry	49D_0-5	460-336761-3	Copper	110	48.4 J+	MSD
4603367611	SW6020B	Dry	49D_0-5	460-336761-3	Manganese	160	23.1 J+	MSD
4603367611	SW6020B	Dry	49D_0-5	460-336761-3	Nickel	59.9	176 J+	MSD
4603367611	SW6020B	Dry	49D_0-5	460-336761-3	Potassium	599	825 J+	MSD
4603367611	SW6020B	Dry	49D_0-5	460-336761-3	Vanadium	24.5	21.1 J+	MSD
4603367611	SW6020B	Dry	49D_0-5	460-336761-3	Zinc	273	2.2 J-	MSD
4603367611	E1633A	Dry	49D_5-10	460-336761-4	N-Ethylperfluorooctane sulfonamidoethanol (N-EtFOSE)	U	78.4 J+	MSD

SDG	Method	Basis	Sample ID	Lab ID	Analyte	Reported Result	Validated Result	Reason for Qualifier
4603367611	E1633A	Dry	49D_5-10	460-336761-4	N-Methylperfluorooctane sulfonamidoethanol (N-MeFOSE)	U	38.4 J+	MSD
4603367611	SW6020B	Dry	49D_5-10	460-336761-4	Antimony	1.6	289 J+	MSD
4603367611	SW6020B	Dry	49D_5-10	460-336761-4	Arsenic	8.8	1660 J+	MSD
4603367611	SW6020B	Dry	49D_5-10	460-336761-4	Barium	39.1	31.4 J+	MSD
4603367611	SW6020B	Dry	49D_5-10	460-336761-4	Calcium	776	3 J-	MSD
4603367611	SW6020B	Dry	49D_5-10	460-336761-4	Chromium	22.8	118 J+	MSD
4603367611	SW6020B	Dry	49D_5-10	460-336761-4	Cobalt	15.3	87.9 J+	MSD
4603367611	SW6020B	Dry	49D_5-10	460-336761-4	Copper	160	259 J+	MSD
4603367611	SW6020B	Dry	49D_5-10	460-336761-4	Manganese	187	1680 J+	MSD
4603367611	SW6020B	Dry	49D_5-10	460-336761-4	Nickel	95.7	32 J+	MSD
4603367611	SW6020B	Dry	49D_5-10	460-336761-4	Potassium	751	2.5 J-	MSD
4603367611	SW6020B	Dry	49D_5-10	460-336761-4	Vanadium	21.2	89.1 J+	MSD
4603367611	SW6020B	Dry	49D_5-10	460-336761-4	Zinc	397	61.3 J+	MSD
4603367611	E1633A	Dry	5A_0-5	460-336761-5	N-Ethylperfluorooctane sulfonamidoethanol (N-EtFOSE)	U	235 J+	MSD
4603367611	E1633A	Dry	5A_0-5	460-336761-5	N-Methylperfluorooctane sulfonamidoethanol (N-MeFOSE)	U	1460 J+	MSD
4603367611	SW6020B	Dry	5A_0-5	460-336761-5	Antimony	0.93 J	30.1 J+	MSD
4603367611	SW6020B	Dry	5A_0-5	460-336761-5	Arsenic	6.4	2.7 J-	MSD
4603367611	SW6020B	Dry	5A_0-5	460-336761-5	Barium	81.4	59.3 J+	MSD
4603367611	SW6020B	Dry	5A_0-5	460-336761-5	Calcium	1600	34.4 J+	MSD
4603367611	SW6020B	Dry	5A_0-5	460-336761-5	Chromium	42.2	165 J+	MSD
4603367611	SW6020B	Dry	5A_0-5	460-336761-5	Cobalt	10	1250 J+	MSD
4603367611	SW6020B	Dry	5A_0-5	460-336761-5	Copper	85.2	26.7 J+	MSD
4603367611	SW6020B	Dry	5A_0-5	460-336761-5	Manganese	223	0.83 J-	MSD
4603367611	SW6020B	Dry	5A_0-5	460-336761-5	Nickel	43.6	1280 J+	MSD
4603367611	SW6020B	Dry	5A_0-5	460-336761-5	Potassium	1130	19.2 J+	MSD
4603367611	SW6020B	Dry	5A_0-5	460-336761-5	Vanadium	25.3	778 J+	MSD
4603367611	SW6020B	Dry	5A_0-5	460-336761-5	Zinc	412	UJ	MSD
4603367611	SW8260D	Dry	5D1_1-2	460-336761-56	trans-1,3-Dichloropropene	U	UJ	MSD
4603367611	SW8260D	Dry	5D2_3-4	460-336761-57	trans-1,3-Dichloropropene	U	UJ	MSD

SDG	Method	Basis	Sample ID	Lab ID	Analyte	Reported Result	Validated Result	Reason for Qualifier
4603367611	SW8260D	Dry	5D3_4-5	460-336761-58	trans-1,3-Dichloropropene	U	0.022 J	MSD
4603367611	SW8260D	Dry	5D1_5-6	460-336761-59	trans-1,3-Dichloropropene	U	0.27 J	MSD
4603367611	E1633A	Dry	5A_5-10	460-336761-6	N-Ethylperfluorooctane sulfonamidoethanol (N-EtFOSE)	U	0.46 J	MSD
4603367611	E1633A	Dry	5A_5-10	460-336761-6	N-Methylperfluorooctane sulfonamidoethanol (N-MeFOSE)	U	0.39 J	MSD
4603367611	SW6020B	Dry	5A_5-10	460-336761-6	Antimony	0.99 J	0.069 J	MSD
4603367611	SW6020B	Dry	5A_5-10	460-336761-6	Arsenic	6.9	UJ	MSD
4603367611	SW6020B	Dry	5A_5-10	460-336761-6	Barium	104	0.39 J	MSD
4603367611	SW6020B	Dry	5A_5-10	460-336761-6	Calcium	2150	0.29 J-	MSD
4603367611	SW6020B	Dry	5A_5-10	460-336761-6	Chromium	62.6	907 J+	MSD
4603367611	SW6020B	Dry	5A_5-10	460-336761-6	Cobalt	14.2	9.9 J+	MSD
4603367611	SW6020B	Dry	5A_5-10	460-336761-6	Copper	139	681 J+	MSD
4603367611	SW6020B	Dry	5A_5-10	460-336761-6	Manganese	297	0.69 J-	MSD
4603367611	SW6020B	Dry	5A_5-10	460-336761-6	Nickel	63.6	3230 J+	MSD
4603367611	SW6020B	Dry	5A_5-10	460-336761-6	Potassium	1260	26.6 J+	MSD
4603367611	SW6020B	Dry	5A_5-10	460-336761-6	Vanadium	28.6	1210 J+	MSD
4603367611	SW6020B	Dry	5A_5-10	460-336761-6	Zinc	576	0.72 J-	MSD
4603367611	SW8260D	Dry	5D2_7-8	460-336761-60	trans-1,3-Dichloropropene	U	3540 J+	MSD
4603367611	SW8260D	Dry	5D3_8-9	460-336761-61	trans-1,3-Dichloropropene	U	33.1 J+	MSD
4603367611	SW8260D	Dry	5D2_9-10	460-336761-62	trans-1,3-Dichloropropene	U	1280 J+	MSD
4603367611	SW8260D	Dry	5E1_1-2	460-336761-63	trans-1,3-Dichloropropene	U	0.44 J-	MSD
4603367611	SW8260D	Dry	5E2_3-4	460-336761-64	trans-1,3-Dichloropropene	U	2920 J+	MSD
4603367611	SW8260D	Dry	5E3_4-5	460-336761-65	trans-1,3-Dichloropropene	U	43.3 J+	MSD
4603367611	SW8260D	Dry	5E1_6-7	460-336761-66	trans-1,3-Dichloropropene	U	1340 J+	MSD
4603367611	SW8260D	Dry	5E2_7-8	460-336761-67	trans-1,3-Dichloropropene	U	0.29 J-	MSD
4603367611	SW8260D	Dry	5E3_8-9	460-336761-68	trans-1,3-Dichloropropene	U	3390 J+	MSD
4603367611	SW8260D	Dry	5E1_9-10	460-336761-69	trans-1,3-Dichloropropene	U	19.8 J+	MSD
4603367611	E1633A	Dry	5B_0-5	460-336761-7	N-Ethylperfluorooctane sulfonamidoethanol (N-EtFOSE)	U	1450 J+	MSD
4603367611	SW6020B	Dry	5B_0-5	460-336761-7	Antimony	0.83 J	0.49 J-	MSD
4603367611	SW6020B	Dry	5B_0-5	460-336761-7	Arsenic	5.9	2300 J+	MSD

SDG	Method	Basis	Sample ID	Lab ID	Analyte	Reported Result	Validated Result	Reason for Qualifier
4603367611	SW6020B	Dry	5B_0-5	460-336761-7	Barium	58.6	18.3 J+	MSD
4603367611	SW6020B	Dry	5B_0-5	460-336761-7	Calcium	1410	1100 J+	MSD
4603367611	SW6020B	Dry	5B_0-5	460-336761-7	Chromium	31.9	1.7 J-	MSD
4603367611	SW6020B	Dry	5B_0-5	460-336761-7	Cobalt	11.5	2880 J+	MSD
4603367611	SW6020B	Dry	5B_0-5	460-336761-7	Copper	94.8	49.8 J+	MSD
4603367611	SW6020B	Dry	5B_0-5	460-336761-7	Manganese	243	1310 J+	MSD
4603367611	SW6020B	Dry	5B_0-5	460-336761-7	Nickel	51	0.41 J-	MSD
4603367611	SW6020B	Dry	5B_0-5	460-336761-7	Potassium	1170	8.3 J-	MSD
4603367611	SW6020B	Dry	5B_0-5	460-336761-7	Vanadium	26.9	0.44 J-	MSD
4603367611	SW6020B	Dry	5B_0-5	460-336761-7	Zinc	278	8.6 J-	MSD
4603367611	SW6020B	Dry	5B_5-10	460-336761-8	Antimony	1.1	0.54 J-	MSD
4603367611	SW6020B	Dry	5B_5-10	460-336761-8	Arsenic	6.7	10.6 J-	MSD
4603367611	SW6020B	Dry	5B_5-10	460-336761-8	Barium	115	0.52 J-	MSD
4603367611	SW6020B	Dry	5B_5-10	460-336761-8	Calcium	1890	13.1 J-	MSD
4603367611	SW6020B	Dry	5B_5-10	460-336761-8	Chromium	49.7	0.86 J-	MSD
4603367611	SW6020B	Dry	5B_5-10	460-336761-8	Cobalt	14	14.1 J-	MSD
4603367611	SW6020B	Dry	5B_5-10	460-336761-8	Copper	134	0.79 J-	MSD
4603367611	SW6020B	Dry	5B_5-10	460-336761-8	Manganese	231	11.6 J-	MSD
4603367611	SW6020B	Dry	5B_5-10	460-336761-8	Nickel	56.9	0.79 J-	MSD
4603367611	SW6020B	Dry	5B_5-10	460-336761-8	Potassium	1210	3820 J+	MSD
4603367611	SW6020B	Dry	5B_5-10	460-336761-8	Vanadium	28.4	17.2 J+	MSD
4603367611	SW6020B	Dry	5B_5-10	460-336761-8	Zinc	548	1250 J+	MSD
4603367611	SW6020B	Dry	5C_0-5	460-336761-9	Antimony	0.62 J	0.89 J-	MSD
4603367611	SW6020B	Dry	5C_0-5	460-336761-9	Arsenic	5.7	3120 J+	MSD
4603367611	SW6020B	Dry	5C_0-5	460-336761-9	Barium	65.2	31.7 J+	MSD
4603367611	SW6020B	Dry	5C_0-5	460-336761-9	Calcium	1610	1220 J+	MSD
4603367611	SW6020B	Dry	5C_0-5	460-336761-9	Chromium	33.7	0.55 J-	MSD
4603367611	SW6020B	Dry	5C_0-5	460-336761-9	Cobalt	12.3	4440 J+	MSD
4603367611	SW6020B	Dry	5C_0-5	460-336761-9	Copper	82.9	45 J+	MSD
4603367611	SW6020B	Dry	5C_0-5	460-336761-9	Manganese	246	1290 J+	MSD
4603367611	SW6020B	Dry	5C_0-5	460-336761-9	Nickel	50	0.23 J-	MSD
4603367611	SW6020B	Dry	5C_0-5	460-336761-9	Potassium	1040	3760 J+	MSD

SDG	Method	Basis	Sample ID	Lab ID	Analyte	Reported Result	Validated Result	Reason for Qualifier
4603367611	SW6020B	Dry	5C_0-5	460-336761-9	Vanadium	22.5	17.8 J+	MSD
4603367611	SW6020B	Dry	5C_0-5	460-336761-9	Zinc	204	1490 J+	MSD
4603368811	E1633A	Dry	50A_0-5	460-336881-1	N-Ethylperfluorooctane sulfonamidoethanol (N-EtFOSE)	U	1520 J+	MSD, DUP
4603368811	E1633A	Dry	50A_0-5	460-336881-1	N-Methylperfluorooctane sulfonamidoethanol (N-MeFOSE)	U	23.6 J+	MSD, DUP
4603368811	E1633A	Dry	3A_7-14	460-336881-10	N-Ethylperfluorooctane sulfonamidoethanol (N-EtFOSE)	U	1060 J+	MSD, DUP
4603368811	E1633A	Dry	3A_7-14	460-336881-10	N-Methylperfluorooctane sulfonamidoethanol (N-MeFOSE)	U	16 J+	MSD, DUP
4603368811	E1633A	Dry	3E_0-7	460-336881-11	N-Ethylperfluorooctane sulfonamidoethanol (N-EtFOSE)	U	1830 J+	MSD, DUP
4603368811	E1633A	Dry	3E_7-14	460-336881-12	6:2 Fluorotelomer sulfonic acid (6:2 FTS)	U	25.1 J+	MSD, DUP
4603368811	E1633A	Dry	3E_7-14	460-336881-12	N-Ethylperfluorooctane sulfonamidoethanol (N-EtFOSE)	U	696 J+	MSD, DUP
4603368811	E1633A	Dry	3F_0-7	460-336881-13	N-Ethylperfluorooctane sulfonamidoethanol (N-EtFOSE)	U	13.9 J+	MSD, DUP
4603368811	E1633A	Dry	3F_0-7	460-336881-13	N-Methylperfluorooctane sulfonamidoethanol (N-MeFOSE)	U	3960 J+	MSD, DUP
4603368811	E1633A	Dry	3F_7-14	460-336881-14	N-Ethylperfluorooctane sulfonamidoethanol (N-EtFOSE)	U	14.5 J+	MSD, DUP
4603368811	E1633A	Dry	3G_0-7	460-336881-15	N-Ethylperfluorooctane sulfonamidoethanol (N-EtFOSE)	U	4910 J+	MSD, DUP
4603368811	E1633A	Dry	3G_0-7	460-336881-15	N-Methylperfluorooctane sulfonamidoethanol (N-MeFOSE)	U	14.8 J+	MSD, DUP
4603368811	E1633A	Dry	3G_0-7	460-336881-15	Perfluorotetradecanoic acid (PFTeDA)	U	1160 J+	MSD, DUP
4603368811	E1633A	Dry	3G_0-7	460-336881-15	Perfluorotridecanoic acid (PFTrDA)	U	16.9 J+	MSD, DUP
4603368811	E1633A	Dry	3G_7-14	460-336881-16	N-Ethylperfluorooctane sulfonamidoethanol (N-EtFOSE)	U	979 J+	MSD, DUP
4603368811	E1633A	Dry	3G_7-14	460-336881-16	N-Methylperfluorooctane sulfonamidoethanol (N-MeFOSE)	U	14.3 J+	MSD, DUP
4603368811	E1633A	Dry	3G_7-14	460-336881-16	Perfluorotetradecanoic acid (PFTeDA)	U	1540 J+	MSD, DUP

SDG	Method	Basis	Sample ID	Lab ID	Analyte	Reported Result	Validated Result	Reason for Qualifier
4603368811	E1633A	Dry	3G_7-14	460-336881-16	Perfluorotridecanoic acid (PFTrDA)	U	12.3 J+	MSD, DUP
4603368811	E1633A	Dry	50A_5-10	460-336881-2	N-Ethylperfluorooctane sulfonamidoethanol (N-EtFOSE)	U	1200 J+	MSD, DUP
4603368811	E1633A	Dry	50A_5-10	460-336881-2	N-Methylperfluorooctane sulfonamidoethanol (N-MeFOSE)	U	14.6 J+	MSD, DUP
4603368811	E1633A	Dry	50A_5-10	460-336881-2	Perfluorotetradecanoic acid (PFTeDA)	0.11 J	954 J+	MSD, DUP
4603368811	E1633A	Dry	50A_5-10	460-336881-2	Perfluorotridecanoic acid (PFTrDA)	1.95	25.5 J+	MSD, DUP
4603368811	E1633A	Dry	50B_0-4	460-336881-3	4:2 Fluorotelomer sulfonic acid (4:2 FTS)	U	799 J+	MSD, DUP
4603368811	E1633A	Dry	50B_0-4	460-336881-3	6:2 Fluorotelomer sulfonic acid (6:2 FTS)	0.44	11.7 J+	MSD, DUP
4603368811	E1633A	Dry	50B_0-4	460-336881-3	8:2 Fluorotelomer sulfonic acid (8:2 FTS)	1.19	126 J-	MSD, DUP
4603368811	E1633A	Dry	50B_0-4	460-336881-3	N-Ethylperfluorooctane sulfonamidoethanol (N-EtFOSE)	U	1820 J-	MSD, DUP
4603368811	E1633A	Dry	50B_0-4	460-336881-3	N-Methylperfluorooctane sulfonamidoethanol (N-MeFOSE)	U	123 J-	MSD, DUP
4603368811	E1633A	Dry	50B_4-8	460-336881-4	6:2 Fluorotelomer sulfonic acid (6:2 FTS)	U	429 J-	MSD, DUP
4603368811	E1633A	Dry	50B_4-8	460-336881-4	8:2 Fluorotelomer sulfonic acid (8:2 FTS)	U	105 J-	MSD, DUP
4603368811	E1633A	Dry	50C_0-4	460-336881-5	N-Ethylperfluorooctane sulfonamidoethanol (N-EtFOSE)	U	1890 J-	MSD, DUP
4603368811	E1633A	Dry	50C_4-8	460-336881-6	4:2 Fluorotelomer sulfonic acid (4:2 FTS)	U	68.3 J-	MSD, DUP
4603368811	E1633A	Dry	50C_4-8	460-336881-6	6:2 Fluorotelomer sulfonic acid (6:2 FTS)	U	239 J-	MSD, DUP
4603368811	E1633A	Dry	50C_4-8	460-336881-6	N-Ethylperfluorooctane sulfonamidoethanol (N-EtFOSE)	U	45.8 J-	MSD, DUP
4603368811	E1633A	Dry	50D_0-5	460-336881-7	4:2 Fluorotelomer sulfonic acid (4:2 FTS)	U	804 J-	MSD, DUP
4603368811	E1633A	Dry	50D_0-5	460-336881-7	6:2 Fluorotelomer sulfonic acid (6:2 FTS)	0.24 J	21.6 J-	MSD, DUP
4603368811	E1633A	Dry	50D_0-5	460-336881-7	8:2 Fluorotelomer sulfonic acid (8:2 FTS)	0.67	140 J-	MSD, DUP
4603368811	E1633A	Dry	50D_0-5	460-336881-7	N-Ethylperfluorooctane sulfonamidoethanol (N-EtFOSE)	U	101 J-	MSD, DUP
4603368811	E1633A	Dry	50D_0-5	460-336881-7	N-Methylperfluorooctane sulfonamidoethanol (N-MeFOSE)	U	832 J-	MSD, DUP
4603368811	E1633A	Dry	50D_5-10	460-336881-8	4:2 Fluorotelomer sulfonic acid (4:2 FTS)	U	19 J-	MSD, DUP
4603368811	E1633A	Dry	50D_5-10	460-336881-8	6:2 Fluorotelomer sulfonic acid (6:2 FTS)	U	216 J-	MSD, DUP
4603368811	E1633A	Dry	50D_5-10	460-336881-8	8:2 Fluorotelomer sulfonic acid (8:2 FTS)	U	30.5 J-	MSD, DUP

SDG	Method	Basis	Sample ID	Lab ID	Analyte	Reported Result	Validated Result	Reason for Qualifier
4603368811	E1633A	Dry	50D_5-10	460-336881-8	N-Ethylperfluorooctane sulfonamidoethanol (N-EtFOSE)	U	1230 J-	MSD, DUP
4603368811	E1633A	Dry	3A_0-7	460-336881-9	N-Ethylperfluorooctane sulfonamidoethanol (N-EtFOSE)	U	9.3 J-	MSD, DUP
4603370491	E1633A	Dry	52A_0-4	460-337049-1	4:2 Fluorotelomer sulfonic acid (4:2 FTS)	U	46.6 J-	MSD, DUP
4603370491	E1633A	Dry	52A_0-4	460-337049-1	6:2 Fluorotelomer sulfonic acid (6:2 FTS)	U	33.6 J-	MSD, DUP
4603370491	E1633A	Dry	52A_0-4	460-337049-1	8:2 Fluorotelomer sulfonic acid (8:2 FTS)	3.75	830 J-	MSD, DUP
4603370491	E1633A	Dry	52A_0-4	460-337049-1	N-Ethylperfluorooctane sulfonamidoethanol (N-EtFOSE)	U	6.2 J-	MSD, DUP
4603370491	E1633A	Dry	52A_0-4	460-337049-1	N-Methylperfluorooctane sulfonamidoethanol (N-MeFOSE)	U	33 J-	MSD, DUP
4603370491	E1633A	Dry	52E_4-8	460-337049-10	6:2 Fluorotelomer sulfonic acid (6:2 FTS)	U	22.3 J-	MSD, DUP
4603370491	E1633A	Dry	52E_4-8	460-337049-10	8:2 Fluorotelomer sulfonic acid (8:2 FTS)	U	782 J-	MSD, DUP
4603370491	E1633A	Dry	51A_0-4	460-337049-11	N-Ethylperfluorooctane sulfonamidoethanol (N-EtFOSE)	U	3.7 J-	MSD, DUP
4603370491	E1633A	Dry	51A_0-4	460-337049-11	N-Methylperfluorooctane sulfonamidoethanol (N-MeFOSE)	U	17.6 J-	MSD, DUP
4603370491	E1633A	Dry	51A_0-4	460-337049-11	Perfluorotetradecanoic acid (PFTeDA)	U	28.3 J-	MSD, DUP
4603370491	E1633A	Dry	51A_0-4	460-337049-11	Perfluorotridecanoic acid (PFTrDA)	20	749 J-	MSD, DUP
4603370491	E1633A	Dry	51A_4-8	460-337049-12	N-Ethylperfluorooctane sulfonamidoethanol (N-EtFOSE)	U	12 J-	MSD, DUP
4603370491	E1633A	Dry	51B_0-4	460-337049-13	4:2 Fluorotelomer sulfonic acid (4:2 FTS)	U	53.5 J-	MSD, DUP
4603370491	E1633A	Dry	51B_0-4	460-337049-13	6:2 Fluorotelomer sulfonic acid (6:2 FTS)	U	47.1 J-	MSD, DUP
4603370491	E1633A	Dry	51B_0-4	460-337049-13	N-Ethylperfluorooctane sulfonamidoethanol (N-EtFOSE)	U	3130 J-	MSD, DUP
4603370491	E1633A	Dry	51B_0-4	460-337049-13	N-Methylperfluorooctane sulfonamidoethanol (N-MeFOSE)	U	348 J-	MSD, DUP
4603370491	E1633A	Dry	51B_4-8	460-337049-14	4:2 Fluorotelomer sulfonic acid (4:2 FTS)	U	48.7 J-	MSD, DUP
4603370491	E1633A	Dry	51B_4-8	460-337049-14	6:2 Fluorotelomer sulfonic acid (6:2 FTS)	U	19.9 J-	MSD, DUP
4603370491	E1633A	Dry	51B_4-8	460-337049-14	8:2 Fluorotelomer sulfonic acid (8:2 FTS)	0.27 J	1040 J-	MSD, DUP
4603370491	E1633A	Dry	51B_4-8	460-337049-14	N-Ethylperfluorooctane sulfonamidoethanol (N-EtFOSE)	U	25.1 J-	MSD, DUP

SDG	Method	Basis	Sample ID	Lab ID	Analyte	Reported Result	Validated Result	Reason for Qualifier
4603370491	E1633A	Dry	52A_4-8	460-337049-2	4:2 Fluorotelomer sulfonic acid (4:2 FTS)	U	30.5 J-	MSD, DUP
4603370491	E1633A	Dry	52A_4-8	460-337049-2	6:2 Fluorotelomer sulfonic acid (6:2 FTS)	U	32.8 J-	MSD, DUP
4603370491	E1633A	Dry	52A_4-8	460-337049-2	8:2 Fluorotelomer sulfonic acid (8:2 FTS)	U	487 J-	MSD, DUP
4603370491	E1633A	Dry	52A_4-8	460-337049-2	N-Ethylperfluorooctane sulfonamidoethanol (N-EtFOSE)	U	8.4 J-	MSD, DUP
4603370491	E1633A	Dry	52B_0-4	460-337049-3	4:2 Fluorotelomer sulfonic acid (4:2 FTS)	U	37.3 J-	MSD, DUP
4603370491	E1633A	Dry	52B_0-4	460-337049-3	6:2 Fluorotelomer sulfonic acid (6:2 FTS)	U	34.5 J-	MSD, DUP
4603370491	E1633A	Dry	52B_0-4	460-337049-3	8:2 Fluorotelomer sulfonic acid (8:2 FTS)	U	848 J-	MSD, DUP
4603370491	E1633A	Dry	52B_0-4	460-337049-3	N-Ethylperfluorooctane sulfonamidoethanol (N-EtFOSE)	U	21.2 J-	MSD, DUP
4603370491	E1633A	Dry	52B_0-4	460-337049-3	N-Methylperfluorooctane sulfonamidoethanol (N-MeFOSE)	U	136 J-	MSD, DUP
4603370491	E1633A	Dry	52B_4-8	460-337049-4	8:2 Fluorotelomer sulfonic acid (8:2 FTS)	U	41.2 J-	MSD, DUP
4603370491	E1633A	Dry	52B_4-8	460-337049-4	N-Ethylperfluorooctane sulfonamidoethanol (N-EtFOSE)	U	1530 J-	MSD, DUP
4603370491	E1633A	Dry	52B_4-8	460-337049-4	N-Methylperfluorooctane sulfonamidoethanol (N-MeFOSE)	U	107 J-	MSD, DUP
4603370491	E1633A	Dry	52C_0-4	460-337049-5	8:2 Fluorotelomer sulfonic acid (8:2 FTS)	U	40.5 J-	MSD, DUP
4603370491	E1633A	Dry	52C_0-4	460-337049-5	N-Ethylperfluorooctane sulfonamidoethanol (N-EtFOSE)	U	27.2 J-	MSD, DUP
4603370491	E1633A	Dry	52C_4-8	460-337049-6	N-Ethylperfluorooctane sulfonamidoethanol (N-EtFOSE)	U	841 J-	MSD, DUP
4603370491	E1633A	Dry	52C_4-8	460-337049-6	N-Methylperfluorooctane sulfonamidoethanol (N-MeFOSE)	U	41.1 J-	MSD, DUP
4603370491	E1633A	Dry	52D_0-4	460-337049-7	8:2 Fluorotelomer sulfonic acid (8:2 FTS)	U	56.3 J-	MSD, DUP
4603371341	SW6020B	Dry	20A_0-4	460-337134-1	Copper	19.8	1160 J+	MSD, DUP
4603371341	SW6020B	Dry	20A_0-4	460-337134-1	Potassium	505	19.2 J+	MSD, DUP
4603371341	SW6020B	Dry	20A_0-4	460-337134-1	Vanadium	15.8	1280 J+	MSD, DUP
4603371341	E1633A	Dry	20A_4-8	460-337134-2	8:2 Fluorotelomer sulfonic acid (8:2 FTS)	U	21.6 J+	MSD, DUP
4603371341	SW6020B	Dry	20A_4-8	460-337134-2	Copper	20.6	5850 J+	MSD, DUP
4603371341	SW6020B	Dry	20A_4-8	460-337134-2	Potassium	759	30.9 J+	MSD, DUP
4603371341	SW6020B	Dry	20A_4-8	460-337134-2	Vanadium	19.4	1760 J+	MSD, DUP

TABLE 9
SYSTEM PERFORMANCE SUMMARY
FORMER PORT MOBIL
STATEN ISLAND, NEW YORK

SDG	Method	Basis	Sample ID	Lab ID	Analyte	Reported Result	Validated Result	Reason for Qualifier
4603371341	SW8081B	Dry	20A_4-8	460-337134-2	alpha-Chlordane (cis)	0.016	33 J+	MSD, DUP
4603371341	SW6020B	Dry	41A_0-3	460-337134-3	Copper	19.9	1940 J+	MSD, DUP
4603371341	SW6020B	Dry	41A_0-3	460-337134-3	Potassium	877	42.3 J+	MSD, DUP
4603371341	SW6020B	Dry	41A_0-3	460-337134-3	Vanadium	23.1	1310 J+	MSD, DUP
4603371341	SW6020B	Dry	41A_3-6	460-337134-4	Copper	29	35 J+	MSD, DUP
4603371341	SW6020B	Dry	41A_3-6	460-337134-4	Potassium	1120	0.016 J	RPD
4603371341	SW6020B	Dry	41A_3-6	460-337134-4	Vanadium	26.9	0.0075 J+	SUR

Notes:
RPD = Pesticides and PCB confirmation column RPD Exceeded; or MSD/LCS RPD exceedance.
SUR = Surrogate percent recovery outside the specified limits.
ION = Ion ratios were reviewed and were outside the limits of 50-150%.
MSD = Matrix spike/matrix spike duplicate percent recoveries or relative percent difference were outside the specified limits.
DUP = Laboratory duplicate relative percent difference exceeds the specified limits.
IDL = Isotope dilution outside the specified limits.
LCS = Laboratory control/laboratory control spike duplicate percent recoveries or relative percent difference were outside the specified limits.
J = Estimated concentration.
J+ = The result is an estimated quantity, but the result may be biased high.
J- = The result is an estimated quantity, but the result may be biased low.
UJ = The compound was not detected. The reported sample quantitation limit is approximate.